



governmentattic.org

"Rummaging in the government's attic"

Description of document: Listing of reports categorized as restricted/limited distribution/classified dated 1980 or older from the National Aeronautics and Space Administration (NASA) Technical Report database, 2017

Requested date: 11-September-2017

Released date: 19-October-2017

Posted date: 23-October-2017

Source of document: FOIA Request
Langley Research Center (LaRC)
LaRC FOIA Public Liaison Officer
NASA Langley Research Center
Mail Stop 151
Hampton, VA 23681
Email: larc-dl-foia@mail.nasa.gov
[NASA Online FOIA Request Form](#)

The governmentattic.org web site ("the site") is noncommercial and free to the public. The site and materials made available on the site, such as this file, are for reference only. The governmentattic.org web site and its principals have made every effort to make this information as complete and as accurate as possible, however, there may be mistakes and omissions, both typographical and in content. The governmentattic.org web site and its principals shall have neither liability nor responsibility to any person or entity with respect to any loss or damage caused, or alleged to have been caused, directly or indirectly, by the information provided on the governmentattic.org web site or in this file. The public records published on the site were obtained from government agencies using proper legal channels. Each document is identified as to the source. Any concerns about the contents of the site should be directed to the agency originating the document in question. GovernmentAttic.org is not responsible for the contents of documents published on the website.

National Aeronautics and Space Administration

Langley Research Center
100 NASA Road
Hampton, VA 23681-2199



October 19, 2017

Reply to Attn. of: Office of Communications

REF: 17-LaRC-F-01130

Thank you for your Freedom of Information Act (FOIA) request dated and received in our office on September 11, 2017. Your request was assigned FOIA Case Number 17-LaRC-F-01130 and was for:

“A LISTING of reports categorized as restricted or limited distribution or classified from the NASA Technical Report database (NTRS backend), extracted from the database. I limit this request to reports dated 1980 or older. I prefer to receive this record in electronic/digital format, preferably as an Excel or CSV file. Note: the NTRS includes data fields that identify reports as restricted or limited distribution or classified.”

The NASA’s Langley Research Center’s Program Office conducted a search for the above requested records using the criteria above. Please be advised that the NTRS database does not include classified records. However, enclosed is the responsive record in an Excel/CSV file regarding the listing for restricted or limited distribution reports that is being released to you in full.

For your information, the Office of Government Information Services (OGIS) offers mediation services to resolve disputes between FOIA requesters and Federal agencies. The contact information for OGIS is as follows: Office of Government Information Services, National Archives and Records Administration, Room 2510, 8601 Adelphi Road, College Park, Maryland 20740-6001 or ogis@nara.gov.

Fees for processing your request were less than \$50 and are not being charged in accordance with 14 CFR §1206.503. I am the official responsible for this initial determination. If you require further assistance, please contact me at 757-864-4274 or

electronically at carissa.s.wheeler@nasa.gov. You may also contact our Principal Agency FOIA Officer and Chief FOIA Public Liaison, Mrs. Miriam Brown-Lam at 202-358-0718.

Sincerely,

A handwritten signature in cursive script that reads "Carissa S. Wheeler".

Carissa S. Wheeler, FOIA Officer
NASA Langley Research Center

Enclosure

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093284	Motion of suspended particles in static fluids as required by molecular-kinetic theory of heat	1905
19680091546	Pershing evaluation test report for device, semiconductor, motorola incorporated	1907
20020016858	On the Action Mechanism of Anthrax Serum: Antiblastic Immunity	1908
19880069066	On the transformation of space-time coordinates from stationary to moving systems	1911
19700075546	The spontaneous electron emission of glowing metals	1915
20150022965	National Advisory Committee for Aeronautics	1915
19700077501	Rare-earth geochemistry of pre-Cambrian plutonic rocks	1916
19890067964	The Theory of the Pitot and Venturi Tubes	1916
19670076779	The representation of multigroup spectrum effects in few-group reactor calculations by a simple iteration between reactor and lattice calculation	1917
19680074965	Photoconductivity of chromium-doped gallium arsenide	1917
19680075020	Navy systems design guidelines manual. Electronic packaging	1917
19720002587	Precision of the bubble pressure method for the determination of the surface tension of liquids	1917
19720075306	Laboratory studies of batch wet air oxidation of sewage	1917
20130014461	Combination Device for Measuring the Absolute Angle of Inclination and the Acceleration	1917
19860067286	A determination of the optimum time of year for remotely classifying marsh vegetation from Landsat multispectral scanner data	1918
20150014025	Micarta Control Pulleys	1918
20150014026	Report on Test on Standard Wire Cables	1918
20160004738	Standard Form for Reports on Tests	1918
19980154511	Effect of currents in solar active regions	1919
20150014650	Graphic Diagram for Aeronautic Calculations	1919
20150012798	[Letter from the Technical Assistant in Europe to the U.S. NACA: Visit to Germany]	1920
20150014472	Investigation of Effective Modulus of Elasticity of Non-Flexible Aircraft Cable	1920
20150014631	Report of Control Pulley Investigation	1920
20150014649	The Paris Aeronautical Show, 1919	1920
20150015002	Application of a New Method of Aerial Navigation by Estimation	1920
20150017905	Conditions of Life in Flights at High Altitudes	1920
20150021362	Technische Berichte: Index of Contents and Symbols: Official Reports on Aeronautical Research and Experimentation Conducted in Germany During the War	1920
20150022980	Remarks on "Corrections of the Test Results in Wind Tunnels"	1920
20160000275	Review of Aeronautical Works: December 1919 - January 1920	1920
20150014680	Altitude Determination for Flight of Lieut. Macready on September 28, 1921	1921
19730067234	Pseudocylindrical projections: Their application and practical significance	1922
19730076156	Certification of qualification by test - relay, armature, 4 PDT, 2 ampere, latching	1922
19760068942	Control components research and development	1922
20150013003	High-Pressure Wind Tunnel and Balance	1922
20150013025	Test Results of Gottingen Aerofoil No. 360	1922
20150014620	Airship Traffic	1922
20150014651	Airways. Laying Out - Marking - Radio Communications - Meteorological Information - Airdromes - Their Operation	1922
20150014652	Suggestions for Commercial Airplane Construction	1922
20150014674	Research Problems Under Investigation for the Subcommittee on Aerodynamics of the National Advisory Committee for Aeronautics	1922
20150021799	Salmson Engines Characteristics of Engine C.M.18	1922
19640048507	Investigation of precession control and orbit maintenance systems for rotating space stations bimonthly progress report, dec. 1962 - jan. 1963	1923
19780083286	Technical publication summaries, July - September 1977	1923
20150012875	Report on Special Committee on Rigid Airship ZR-1	1923
20150014077	The Marking of Aircraft	1923
20150014653	The Toronto Aerodynamical Laboratory	1923
20150016712	Statax Three-Cylinder Rotary Engine	1923
20150016994	The Reliability of Model Data	1923
20150016995	Standardization of Methods of Research	1923
19640049652	Thrust vector control systems an anno- tated bibliography	1924
19740084282	Evaluation of chaparral weapon system natural solar radiation test	1924
20140000978	Variation of Aviation Engines Power with the Altitude	1924
20150013000	Performance Characteristics of Alleman Fuel Compounds and Comparisons with Other Fuels	1924
20150014078	Burning of the Spanish Balloon "Polar"	1924
20150014477	Semirigid Airship - Army RS-1	1924
20150015776	On the Propagation of Discontinuities in a Compressible Fluid	1924
20150021925	Report of Special Committee on Design of Army Semirigid Airship RS-1, Part II	1924
20160000856	Report on Lateral Stabilizers for Airplanes	1924
20170008833	Condition Report on DT-4 Seaplane No. A-6424 Received from Hampton Roads Naval Operating Base for Use in the CS-2 - DT-4 Comparative Performance Tests	1924

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080176	Calculation of the Zenith reactor with plutonium fuelled cores	1925
19680068117	Altimeter calibration standard	1925
20150012354	Report of Special Committee on Deign of Army Semirigid Airship RS-1, Part I	1925
20150014656	The New Croydon Aerodrome	1925
20150021834	Bibliography of Aeronautics: 1922	1925
20160000864	Report on Metal Clad Airship	1925
20160004745	Theoretical Studies of the Flow Through Turbomachines	1925
20170008832	Performance Test of a Navy DT-6 Landplane	1925
20170008834	Operation of the Over-Compressed Engine for Optimum Power with Domestic Aviation Gasoline	1925
19650078242	Experimental determination of rocket exhaust jet boundaries at pressure altitudes above 200,000 feet	1926
19680088588	L-2000-7 engine inlet ice shedding trajectories	1926
19680090824	Rocket Propulsion System Reliability and Man Rating Analysis	1926
19690092229	Plastic boundary conditions	1926
19780080990	Turbine engine technology demonstrator component development program, project 668A. Volume 2: Fan design, fabrication, and test (U)	1926
20130014684	The Influence of the Wind Tunnel Flow Structure on the Wing Air Forces	1926
20150013020	Report on the Influence of the Spoiler Gear on the Controllability and Maneuverability of an Airplane in Flight	1926
20150013037	Report on the Influence of the Spoiler Gear on the Controllability and Maneuverability of an Airplane in Flight	1926
20150014657	Training Airplane, Type H.E.18, of the Ernst Heinkel Airplane Works at Warnemunde	1926
20150017001	List of Reports with Prices - Edition May 1, 1926	1926
20150017557	Auto-Rotation Tests of the Douglas O-2 Model	1926
20150021835	Bibliography of Aeronautics: 1923	1926
20150021836	Bibliography of Aeronautics: 1924	1926
20150022982	Civil Air Navigation Act: Comparative Print of the Bill as Passed by the Senate and the House Amendment	1926
19700073992	Calculation of perturbation	1927
20140000022	Preliminary Flight Test of a Method of Boundary Layer Removal	1927
20150014030	Records and Calibration Curves for U.S.S. Los Angeles Speed and Deceleration Tests	1927
20160000837	List of Reports with Prices	1927
20160000846	Scale Effect on the R.A.F.-19 Airfoil	1927
20170007883	Tests on A.D.C. (Upson) Airship Model	1927
19780088809	Magnetostatic wave propagation in periodic structures	1928
20150012596	"Ferrier" Aircraft Fuel	1928
20150014658	"Ferrier" Aircraft Fuel	1928
20150017003	List of Reports with Prices - Edition June 1, 1928	1928
20150021837	Bibliography of Aeronautics: 1925	1928
20150021910	Bibliography of Aeronautics: 1927	1928
20170008835	Investigation of Performance Characteristics of the DT and CS Seaplanes	1928
19650081230	Tables for calculating the interference velocity for the condition of zero advance associated with a propeller having infinity, two, three, and four blades	1929
20160000836	List of Reports with Prices	1929
19650077852	[No Title]	1930
19750074865	Investigation into the feasibility of flexible printed wiring for aircraft instrument panel lighting and switch consoles	1930
19750076096	Sodium technology program component materials compatibility	1930
20020032595	Notes Regarding the Evolution of the 'Plasmodium Gallinaceum'	1930
20140001147	Instrument for Detecting Metallic Bodies in the Earth	1930
20150012803	[Letter to Doctor Lewis from John Jay Ide]	1930
20150017005	List of Reports with Prices - Edition June 1, 1930	1930
20150021932	National Advisory Committee for Aeronautics: Miscellaneous Papers	1930
20150022981	Interpretation of Curves Secured from Recent Dive Tests on the F2B-1 Airplane	1930
19660092266	A review of biological mechanisms for application to instrument design summary report, vol. ix	1931
19690087452	The use of gaseous and liquid oxygen in the service	1931
19740085968	Research into reliable manufacturing techniques for beryllium oxide components (CVD Research Project)	1931
19790085113	Content addressable memory technique for rapid processing of output of mosaic focal plane sensors	1931
19800080727	ASPC/radar software system	1931
20130014632	Interpretation of Flight Path Curves Obtained from Pull-Out Tests on TESTS ON F2B-1, F3B-1 and F4B-1 Airplanes	1931
20150012785	Lift Coefficients for Tail Surfaces	1931
20150012993	Flight Research Section Research on Stressed Skin Construction - R. A. 326 Program of Tests of Combined Stresses in Metal Models of True Monocoque Fuselage Sections	1931
20150012995	The Present State of Knowledge Regarding the Design of Stressed Skin Structures for Aircraft	1931
20150013039	A Method for Calculating the Terminal Velocity of Airplanes	1931
20150014063	Dynamic Wind-Tunnel Control	1931

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150014065	The Rolls-Royce Engines for the 1931 Schneider Trophy Race	1931
20150014659	Description of Westland Hill Pterodactyl Mark IV	1931
20150020418	Two-Engined Cabin Monoplane Built by the Gloster Company to the Design and Order of the Monospar Company	1931
20160000854	Performance of Two-Stroke-Cycle Diesel Engines at High Altitudes with Particular Reference to Junkers F O 4 Heavy-oil Aircraft Engine	1931
20160000865	ZMC-2 Tests (Speed and Deceleration)	1931
19640060313	The induced flow through a partially choked pipe with axis along the wind stream	1932
20010003513	Phenomena Associated with Impacts and Sliding on Liquid Surfaces	1932
20130014052	Report of a Survey of Methods and Devices for Testing Aircraft Materials and Structures	1932
20130014459	Instructions for Installation and Operation of N.A.C.A. V-G Recorder	1932
20130014542	Fuel-Spray Formation	1932
20150012617	Test of NACA 21 Airfoil (Modified NACA M-6) Including Characteristics at Positive and Negative Angles of Attack	1932
20150012872	Data Obtained in Speed Trials with TC-11 Airship	1932
20150012982	Results of Tests of Propellers with Forward Blade Rake	1932
20150013023	Data Obtained in Speed Trials with TC-11 Airship Equipped with 3-Blade Propellers	1932
20150013027	Blueprints Giving Preliminary Results from Tests of the NACA 2R(1)12 Airfoil (modification of the NACA 2412) Having Some Reflex Near the Trailing Edge	1932
20150013603	Spinning Characteristics of British Airplanes	1932
20150014066	Prospects for Jet Propulsion of Airplanes with Special Reference to Exhaust Gases	1932
20150014067	Development of the Telecompass and Its Use in the Automatic Control of Airplanes	1932
20150015628	The Autorotational Characteristics of a Clark Y Airfoil Modified by the Addition of a Sharp Nose	1932
20150015732	Conditions of Possible Motion of a Compressible Fluid with Given Influx of Energy	1932
20150017890	Bibliography of Aeronautics 1930	1932
20150017967	Tests of Cooling Characteristics of P3M-1 Engine Nacelle	1932
20150017968	Results of Drag Tests on P3M-1 Nacelle	1932
20150022984	Comparison of the Results of Flight and Wind Tunnel Pressure-Distribution Tests on Two Ribs of a PW-9 Cellule	1932
20160000835	List of Reports with Prices	1932
20020016839	The Principle of Local Serotherapy Applied to Anthrax	1933
20020032594	Spectroscopic Detection of the Oxygen-Carrying Enzyme Next to Cytochrome	1933
20130014679	Muffler Tests of French Air Ministry 1933	1933
20150012786	Results of Tests of Boeing 111 and 112 Airfoil Sections in Variable-Density Wind Tunnel	1933
20150012789	Calculated Basic and Additional Pressure Distribution over Upper and Lower Surfaces of N-22 Airfoil	1933
20150012925	Memorandum Report on Biplane Wing Moment Coefficients	1933
20150013029	Aerodynamic Characteristics of the Gottingen 532 Airfoil	1933
20150013030	Wind-Tunnel Tests of a Hinged-Tip Aileron	1933
20150013601	Wind-Tunnel Spinning Tests with a Model of Army Design Number 175	1933
20150014068	The Protection Against Corrosion of Metals and Alloys Used in Aircraft Construction	1933
20150014069	Wings with Variable Camber and Slots	1933
20150014070	The Ugo Antoni Wing	1933
20150014294	Information in Connection with Problem of Center of Constant Moment Coefficient of Airfoils	1933
20150015783	Second Report on Resistance of Projectiles in Air Motion of Conical Projectile at Supersonic Velocities	1933
20150017651	The Use of a Tail Parachute as an Aid in Recovering from Dangerous Spins	1933
20150022992	Effect of Nose Shape on the Characteristics of the N.A.C.A. 2412 Airfoil	1933
19640018921	Laser modulation at the atomic level monthly report, 17 jul. - 31 jul. 1964	1934
19660084716	Two Boundary Problems from the Theory of Hyperbolic Partial Differential Equations with Applications to Supersonic Gas Flow	1934
19830073775	Report on test of a full size Madaras wind rotor conducted at Burlington, New Jersey, 1933	1934
19830073776	Report on tests of a full size Madaras wind rotor conducted at Burlington, New Jersey, 1933. Appendix B. Section 1: Descriptive matter	1934
19830073777	Report on tests of a full size Madaras wind rotor conducted at Burlington, New Jersey, 1933. Appendix B. Section 2: Photographs, figures, curves and tables	1934
20130014743	Notes on Pressure Distribution Data for Tapered Airfoil with N.A.C.A. 2218 Root Section and N.A.C.A. 2209 Tip Section	1934
20130014848	Airfoils with Flaps - Aerodynamic Information on XB2Y-2 Airplane Wing Cellule Model, and on a Straight NACA 2212 Wing, Both Having Double Split Flaps	1934
20150012616	Data on Water-Pressure Distribution and Landing Accelerations on Various Seaplane Floats and Hulls	1934
20150012620	Tests of N-75 and N-76 Airfoils Requested by Bureau of Aeronautics	1934
20150012787	Airfoils with Flaps - Aerodynamic Information on the XSBA-1 Wing Model	1934
20150012792	Pressure Distribution on Tapered Airfoil	1934
20150012801	[Letter from the Technical Assistant in Europe to N.A.C.A : Geneva Aviation Salon, 1934]	1934
20150012810	[Letter to Doctor Lewis from John Jay Ide]	1934
20150012880	Tailless Airplane (Waterman)	1934

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150012896	Tests of a W-1 Airplane in the Full-Scale Wind Tunnel	1934
20150012933	Tests of F-22 Airplane Equipped with N-71 Wing	1934
20150013007	Data on Maximum Water Pressures Recorded on Hull of X05U-1 During Series of Landing and Series of Take-Off Tests	1934
20150013017	Aerodynamic Characteristics of P-26A Airplane With and Without Split Trailing-Edge Flaps	1934
20150013036	Fowler Wing with Rear Slot	1934
20150013038	Measurement of Field of View of O-38 and O-38E Airplanes	1934
20150013582	Airfoils with Flaps - Aerodynamic Information on Straight NACA 2212 Wings with Flaps (XB2G-1 Biplane)	1934
20150014296	Ascension and Catastrophe of the Russian Stratosphere Balloon "Ossoaviakhim-1"	1934
20150015624	Tests of Airfoil of Aspect Ratio of 1/3 with End Plates	1934
20150016216	The Resistance Law of Rough Plates	1934
20150017991	Preliminary Wind-Tunnel and Flight Tests of a Balanced Split Flap	1934
20150019544	Airfoils with Flaps - Aerodynamic Information on XB2G-1 Airplane Wing Cellule Model	1934
20160000171	Improvement of the Lift and Drag Characteristics of the XFT-1 Airplane	1934
20160000826	Stability of Oxygen Fluoride	1934
20160003566	List of Reports with Prices	1934
19650079802	Steady flow in the boundary layer near the surface of a cylinder in a stream	1935
20130013970	Information Regarding Use of Pitot-Static Heads	1935
20140001143	Nomenclature on Air Navigation	1935
20150011200	Frontiers of Aerodynamics	1935
20150011217	Comparative Engine Cooling at Various Altitudes	1935
20150012583	Test of Godfrey Detonation Indicator	1935
20150013008	Data on Water Pressures Recorded during Tests on the RD-3, U.S. Navy Number 9528	1935
20150013014	Outline of Work on Safeguards Against Stalling	1935
20150013024	Tests of N-80, N-81, and Bellanca "B" Airfoils for Bureau of Aeronautics, Navy Department	1935
20150013026	Data from Variable-Density Wind Tunnel on External-Airfoil Flaps with NACA 23012 Sections on NACA 23012 and 23021 Wings	1935
20150014071	Accident Statistics for French Commercial Airplanes for the Years 1924 to 1933	1935
20150014100	Lines of Short "Singapore" IIC Flying Boat 1/12 Size Model	1935
20150014124	Data on External-Airfoil Flap for Bureau of Aeronautics NACA 23021 Wing with Flap of 23012 Section	1935
20150014290	Tests in Refrigerated Wind Tunnel on "Ice Off"	1935
20150014291	Transmittal of Data from Rough Water Tests on the SOC-1 Seaplane	1935
20150014293	Information on Atmospheric Gusts	1935
20150014388	Data on External-Airfoil Flap for Bureau of Aeronautics - Results from Variable-Density Wind Tunnel	1935
20150016680	Ice Prevention on Aircraft by Means of Impregnated Leather Covers	1935
20150017603	The Physical Basis of the Mathematical Theory of the Plasticity of Metals	1935
20150017891	Bibliography of Stressed-Skin or Monocoque Structures for Aircraft	1935
20150017945	Weather-Exposure Tests on Magnesium Alloys	1935
20150021941	Bibliography of Aeronautics: 1931	1935
20160000860	Report to the Subcommittee on Structural Loads and Methods of Structural Analysis	1935
20160003558	Measurements of Downwash Angles Behind Wings	1935
19690086645	The sound distribution around a rotating airscrew	1936
19860073375	On the methodology of synthesis of an automated control system for plasmochemical processes	1936
19920077307	The measurement of profile drag by the Pitot-Traverse method	1936
20050231591	The Immunizing Power of Acapsulogenic Strains of Bacillus anthracis	1936
20100027415	Control-Force Measurements in Flight of the Pitcairn YG-2 Autogiro	1936
20100027417	Control-Force and General Performance Tests of Kellett YG-1 Autogiro	1936
20150011146	Ram in Carburetor Air Scoops	1936
20150011173	Analysis of Problem of Heat Transfer from Air Passing Through a Pipe to Water on the Outside of the Pipe	1936
20150012814	Instructions for Installation and Use of NACA Electrical Flowmeter	1936
20150012927	BF2C-1 Vibration - Tests to Determine Vibration Caused by Aerodynamic Impulses from Propeller	1936
20150013016	XSBA-2 Airplane - Effect of Turbulence from Spoiler on External-Airfoil Flap	1936
20150013028	Tests in the Variable-Density Wind Tunnel to Determine the Effect of Rate of Change of Angle of Attack on the Maximum Lift Coefficient of the 2R(1)12 Airfoil	1936
20150013041	Suggested Requirements for Flying Qualities of Large Multi-Engine Airplanes	1936
20150013042	General Program of Tests of Airplane Flying Qualities	1936
20150013580	Characteristics of NACA 23010 Airfoil	1936
20150014022	Relative Efficiencies and Design Charts for Various Engine-Propeller Combinations	1936
20150014305	Methods Employed in America for the Experimental Investigation of Aerodynamic Phenomena at High Speeds	1936
20150014357	Recent Progress Concerning the Aerodynamics of Wing Sections	1936
20150015623	An Investigation of a Group of Aluminum Alloy Spars Having Quite Dissimilar Front and Rear Shear Webs to Establish a Suitable Method for Calculating the Elastic Axis	1936
20150017007	List of Reports with Prices	1936
20150017019	The Characteristics at Altitude of Aviation Diesel Engines	1936

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017083	Preliminary Report of Power-Off Tests on 1/4-Scale Model of the XBLR-1 Airplane - V. Wing Alone, Force Test, and Tuft Survey Results	1936
20150017645	Numerical Integration of Differential Equations	1936
20150019542	Full-Scale Wind-Tunnel Tests of a Fairchild 22 Airplane Equipped with an NACA 2218-09 Tapered Wing	1936
20150021239	An Investigation of a Group of Aluminum Alloy Spars Having Quite Dissimilar Front and Rear Shear Webs to Establish a Suitable Method for Calculating the Elastic Axis	1936
19650078529	The temporary blinding effect of flashes of light	1937
19650078743	Parachute drag tests in large wind tunnel large wind tunnel note no. 10	1937
19710075627	Size 12, pin, crimp, removable, shielded	1937
19790084127	Note on the effect of suction on the stability of the laminar boundary layer	1937
20040059866	On a Particular Property of the Viscous Protein of Anti-Anthrax Serum	1937
20100027414	Full-Scale Wind-Tunnel and Flight Tests of a YG-1 Autogiro	1937
20100027416	Flight Tests of Blade Motions and Center-of-Pressure Location on Kellett YG-1 Autogiro	1937
20140000259	Full-scale Wind-Tunnel Investigation of the 1/2-scale Model of the XFM-1 Airplane	1937
20150011186	Twenty-Fifth Wilbur Wright Memorial Lecture	1937
20150011190	Preliminary Results of Propeller Investigations in Propeller-Research Tunnel	1937
20150011216	Full-Scale Wind-Tunnel Investigation of Wing Ducts for Radiators	1937
20150011225	Comparative Engine Performance of L-1 Diesel Fuel and Trojan Fuel Mixture	1937
20150013001	Progress Report on Limits of Engine Performance with High-Octane Number Fuels	1937
20150013002	Comparative Engine Performance of Diesel Fuel with and Without Bereslavsky's Combustion Accelerator	1937
20150013005	Report on Visit to Europe, July, 1937	1937
20150013006	De-Icing Systems for Airplanes	1937
20150013015	Principle of Utilizing the Slipstream Effect for Increasing Maximum Lift as Employed in Crouch-Bolas Aircraft	1937
20150013019	A Flight Comparison of Conventional Ailerons on Wings with Rectangular and Tapered Plan Forms on a Fairchild 22 Airplane	1937
20150013593	Preliminary Results of Investigation in Free-Spinning Wind Tunnel of Spinning Characteristics of XOSN-1 Model in Seaplane Arrangement	1937
20150014006	The Prevention of Ice Formation on Propellers	1937
20150014079	Hazards of Lightning to Aircraft	1937
20150014309	Smoke Generator for Purpose of Making Air Flow Visible	1937
20150014475	Notes on Factors Affecting Geometrical Arrangement of Tricycle-Type Landing Gears	1937
20150015000	Calibration of a Pitot Tube in the NACA Tank	1937
20150016157	Study of the Allowable Shear Stress on Curved Sheet	1937
20150017704	Interference of Wing and Fuselage from Tests of 30 Combinations in the NACA Variable-Density Tunnel - Combination with Triangular and Elliptical Fuselages	1937
20160000866	Preliminary Report on the Pressures Developed in Seaplane Floats During Dives With Different Size Float Vents	1937
19800078121	Some notes on the measurement of the flying qualities of aircraft	1938
20020018537	Treatment of Human Anthrax in Bulgaria with Special Emphasis on Immune Serum Therapy	1938
20040059574	Studies on the Flocculation of Anti-Anthrax Sera	1938
20130014577	Full-Scale Wind-Tunnel Investigation of Wing Cooling Ducts	1938
20130014769	Flight Performance Measurements on the FW 56 "Stoesser" Airplane with Propeller Removed	1938
20150011209	Preliminary Full-Scale Wind-Tunnel Investigation of Wing Ducts for Radiators	1938
20150012589	Total Head Meter and Details	1938
20150013033	Visits to French Aviation Engine Factories	1938
20150013043	Modifications and Improvements of YP-29A Airplane Number 34-24	1938
20150015753	The Problem of Hydrofoils for Ship Propulsion	1938
20150016669	Tank Tests of Two Models of Hulls of the Pointed Step Type (Designed for Consolidated Aircraft Corporation XPB3Y-1 Flying Boat) - NACA Models 79-A and 79-B	1938
20150016679	Effects of a Simulated Ice Formation on the Aerodynamic Characteristics of an Airfoil	1938
20150017618	The Propulsion of Aircraft by Reaction	1938
20150017710	The Problem of Underwater Wings for Ship Propulsion	1938
20150019973	Wake Characteristics and Determination of Profile Drag by the Momentum Method	1938
20160000852	N.A.C.A. Swinging Gear for Determination of Moments of Inertia of Airplanes	1938
20160000862	Flight Tests of Duramold Airplane No. NX19131	1938
19680088560	Method of fluid stream by diverting it from its axis of flow- coanda effect sur un phenomene de deviation des veines fluides et ses applications. effet coanda	1939
19730065475	Tests of XP-40 airplane in NACA full-scale tunnel	1939
19750077533	Fixed slot wing tip, appendix 1	1939
19780078521	Preliminary report on laminar-flow airfoils and new methods adopted for airfoil and boundary-layer investigations	1939
19780078542	Effects of propellers and of vibration on the extent of laminar flow on the NACA 27-212 airfoil	1939
19880069138	Secondary electron emission of tungsten, copper, and iron at high potentials	1939
20090015022	Profile-Drag Investigation of an Airplane Wing Equipped with Rubber Inflatable De-Icer	1939

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
2014000037	Tests of the XP-39 Airplane in the N.A.C.A. Full-Scale Wind Tunnel	1939
2014000041	Supplement to Wind-Tunnel Tests of a 1/2.75-Scale Model of the Vought XF4U-1 Airplane	1939
20140000178	Investigation of an Electrically Heated Airplane Windshield for Ice Prevention	1939
20140000260	Wind-tunnel Test of 1/7-scale of the Burnelli Single-boom Attack Bomber, X-18B-1	1939
20150011168	The Effect of a Spinner on the Propeller Characteristics of a Radial-Engine Nacelle-Propeller Combination	1939
20150012614	Rough-Water Tests of an XPBS-1 Flying Boat	1939
20150012783	Bureau of Aeronautics, Navy Department Wind-Tunnel Tests of a 1/7-Scale Model of the Tail Surfaces of the Martin XPB2M-1 Flying Boat	1939
20150012797	Steel Grating Coverings Applied to the Construction of Airplane Landing Fields	1939
20150012950	Rolling Velocity and Acceleration of the SB2U-2 Airplane in Abrupt Aileron Rolls, Aileron Reversals, and Snap Rolls	1939
20150012977	Additional Spin Tests of XF4U-1 Airplane	1939
20150012978	Spin Tests of a 1/20-Scale Model of the XF4U-1 Airplane with Modified Tail Arrangement and Antispin Device Installed	1939
20150012981	Tests of XP-39 Airplane Propeller With and Without Shank Fairings	1939
20150013022	A Comparison of Actual and Predicted Altitude Loss of the SB2U-2 Airplane During Recoveries from Dives	1939
20150013032	[Letter about Visit to French Air Ministry Engine Research Center, Bricy]	1939
20150013035	[Letter about Visit to Germany, France, and England from October 13 to November 9, 1938]	1939
20150013886	The Effects of Rivets and Surface Roughness on Wing Drag	1939
20150014084	Structural Failure of Boeing Model 307 Airplane	1939
20150014125	Determination of Laminar Boundary Layer and Chordwise Distribution of Skin Friction on the NACA 27-212 Airfoil	1939
20150014157	Test of the Perrin System of Fluid Distribution for Ice Prevention on Aircraft	1939
20150014621	Ice on Airplanes	1939
20150014633	Investigation of the Ice-Inhibiting Characteristics of Compounds Applied Prior to Flight	1939
20150015612	Flight Tests on an Inflatable De-Icer Installed on the Horizontal Tail Surfaces of a Lockheed 12-A Airplane	1939
20150015620	A Summary of NACA Investigations of High-Lift Devices	1939
20150015699	Tests of the XBT-2 Airplane in the Full-Scale Wind Tunnel	1939
20150015766	Spin Tests of a 1/25-Scale Model of the Bell YFM-1 Airplane	1939
20150016194	An Investigation to Determine the Characteristics of Thin Webs	1939
20150017081	Wind-Tunnel Tests of 1/7-Scale Model of the Burnelli Twin-Boom Attack Bomber, X-17-B1	1939
20150017429	Preliminary Results of Spin Tests of XF4U-1 Airplane	1939
20150017696	Results of Blind Landing Tests of B-17 and B-18A Airplanes	1939
20150017908	Intercooler Design for Aircraft	1939
20150019477	Tests of the XP-41 Airplane in the NACA Full-Scale Wind Tunnel	1939
19670088297	Orbit determination	1940
19670090962	The submerged reception of radio frequency signals	1940
19780078217	Immediate use of new airfoils sections of the laminar-flow type	1940
19880069032	Heat exchange at very low prandtl numbers	1940
19880069033	On the permissible roughness in the laminar boundary layer	1940
19880069081	Index of reports on aeronautical research	1940
20040059534	Contribution to the Extraction of Precipitating Anti-Anthrax Serum from Horses	1940
20070026944	Report of Test on Horns - Navy Type H-8	1940
20070027222	Report on Test of Wire-Wound Resistors Submitted by the Ohmite Manufacturing Company	1940
20070027223	Report on Radiation Characteristics of Vertical Antennas With Slanting Top Sections at Intermediate Frequencies	1940
20070027232	Report of Test on Master Indicator - Transmitter Type MIT-7 for Propeller Shaft Revolution-Indicating Equipment	1940
20070027235	Report on the Weldability of Iron Alloys (A Comparison of Tests for Weldability of Twenty Low-Carbon Steels)	1940
20070028290	Report of Test on Torpedo and Gun Firing Transformer Type GF, 200 V.A	1940
20070028291	Report of Test on Electric Log Equipment Submarine Rotary Balance Type	1940
20070028304	Report on Test of Model XTAJ-8 Radio Transmitting Equipment	1940
20070028308	Report on Nickel-Beryllium Alloys	1940
20070028313	Report on the Accuracy of the Gamma-Radiography Exposure Slide Rule Specification of Film for Gamma Radiography	1940
20070028314	Report on Photoelastic Studies of Stresses Around Openings in Deck Plates Reinforced with Coaming	1940
20070028468	Report of Test on Sound-Powered Throat Microphones	1940
20070028514	Report on Thermostats and Relays	1940
20070029617	Report on Performance Characteristics of Models REa and RFa Radio Equipments	1940
20070029620	Test of Collins Type 18M-5 Radio Equipment (Transmitter Portion)	1940
20070029622	Summary Report of the Fluidity of Cast Steel	1940
20070029623	Development of a Continuously Variable, Single Crystal, Decade Frequency, Oscillation Generator	1940
20070029624	Report on Test of Radiomarine Type ET-8021 30 Watt Radio Telephone Equipment	1940

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20070029625	Report on Investigation of Antenna Systems on USS SEADRAGON, USS SEARAVEN, USS TAMBOR, USS TRIPPE and USS MAYRANT	1940
20070029672	Progress Report on the Investigation of Self-Sealing Materials for Oil and Fuel Tanks	1940
20070029949	Tests on Model RAV Aircraft Receiving Equipment Manufactured by Aircraft Radio Corp	1940
20070030019	Report on Minimum Distance Requirements in Gamma Radiography - I	1940
20130014460	Experience with NACA Graphic Control, Position Recorders during Spin Tests of the Grumman F4F-3 Airplane	1940
20130014543	Preliminary Wind-Tunnel Tests of the 1/2 Scale Model Nacelle for the B-26 Airplane	1940
20130014642	Test of the XP-39B Airplane in the NACA Full-Scale Wind Tunnel	1940
20130014683	Design Study of Propeller Cuffs for the XP-39 Airplane	1940
20130014720	Second Report on Bottom Pressure and Strain Measurements of the Hull of a P2Y-3 Flying Boat	1940
20140000028	Tests of the XP-46 Airplane in the N.A.C.A. Full-Scale Wind Tunnel	1940
20140000039	Spin Tests of a 1/16-Scale Model of the Aircraft Research Corporation XBT-11 Airplane	1940
20140000291	Spin Tests of a 1/24-scale Model of the Burnelli XB-AB-3 Airplane	1940
20150002013	Investigations on Ad- and Desorption Processes in Granular Stream-Penetrated Beds of Adsorbents	1940
20150011167	Wind-Tunnel Tests of a 1/2-Scale Wing Nacelle Model for the B-26 Airplane	1940
20150011184	Preliminary Report on Characteristics of a Pratt and Whitney Twin Wasp 1830 Supercharger	1940
20150011322	Angles of Zero Lift for Some NACA Low-Drag Airfoils	1940
20150012590	Radio Ground Speed Test	1940
20150012593	Engine Tests of Standard Oil Company of California Lubricating Oil No. 28636-R	1940
20150012799	Interceptor Designs	1940
20150012802	Data Obtained in Stability Tests of Model of Consolidated 31-X Flying Boat Hull in NACA Tank	1940
20150012823	Drag Measurements of Aircraft Radio Antenna Fittings in the NACA 19-Foot Pressure Tunnel	1940
20150012903	Measurements of the Flying Qualities of a Curtiss P-36A Airplane (Air Corps Number 38-6)	1940
20150012926	Memorandum Regarding the Problem of Take-Off from an Airplane Carrier Deck for the Information of the Bureau of Aeronautics	1940
20150012928	Results of Landing Tests of P-36A Airplanes	1940
20150012934	Comments on XF5F-1 Airplane	1940
20150012988	Spot Welding of Aluminum and Aluminum Alloys in the American Aircraft Industry	1940
20150013018	Tests of a Low-Drag Installation for Radial Air-Cooled Engines on Moderately Large Airplanes	1940
20150013021	Results of Landing Tests of a Chance-Vought SB2U-2 Airplane (Number 1326)	1940
20150013040	Airplane Designs with Enclosed Air-Cooled Engine Installations	1940
20150014037	Tank Tests of a 1/8-Size Dynamic Model of a Modified PBV Flying Boat - NACA Model 132 II - Tests with Power	1940
20150014038	Specific Tank Tests of Two Models of Floats for the SB2U-3 and OS2U-1 Seaplanes NACA Models 106 and 107	1940
20150014075	Tank Tests of a Grunberg Type High-Speed Boat with a Lifting Hydrofoil and Planing Surface Stabilizers	1940
20150014080	Crash of Pennsylvania Central Airlines Airplane Near Lovettsville, Virginia, August 31, 1940 - Discussion of Some Possible Causes	1940
20150014094	Full-Scale Wind-Tunnel Tests of the 1/5-Scale Model of the Revised XPB2M-1 Flying Boat	1940
20150014307	Armament of Enemy Aircraft	1940
20150014308	Fighter Fundamentals	1940
20150014355	Tests to Determine Rate of Descent of a Manila Envelope Under Conditions Simulating Rainfall	1940
20150014473	Specific and General Tank Tests of Modifications of a 1/8-Scale Model of the Hull of the Martin XPBM-3 Flying Boat (NACA Model 120)	1940
20150015104	The Formation of Supercooled Waterdrops and Ice Crystals in the Atmosphere	1940
20150015631	Measurements of the Flying Qualities of an Aeronca Airplane (Model 65-C)	1940
20150015695	Elevator Hinge Moments of the XP-41 Airplane	1940
20150015747	Spot Welding of Aluminum and Aluminum Alloys in the American Aircraft Industry	1940
20150015794	Wind-Tunnel Tests of 1/5-Scale Model of Republic P-44 Airplane	1940
20150015795	Additional Wind-Tunnel Tests of the 1/5-Scale Model of the Republic P-44 Airplane	1940
20150017082	Results of Landing Tests of Three Light Airplanes	1940
20150017087	Control of Pressure Head of Aircraft Engine Superchargers by Means of Adjustable Spiral Inlet	1940
20150017428	Spin Tests of the 1/16-Scale Model of the BT-13 Airplane	1940
20150017560	Measurements of the Flying Qualities of the Taylorcraft Airplane (Model BC-65)	1940
20150017576	Spin Tests of a 1/20-Scale Model of the Curtiss P-40 Airplane	1940
20150017650	Information on NACA Axial-Flow Compressor	1940
20150017703	A Comparison at High Speeds of the Aerodynamic Merits of Models Having Thick Wings with Submerged Engines and Thin Wings with Nacelles	1940
20150017975	Use of Plastics in Aircraft	1940
20150018965	Spin Tests of a 1/26-Scale Model of the Martin B-26 Airplane	1940
20150019413	Spin Tests of a 1/30-Scale Model of the Douglas A-20 Airplane	1940
20150019957	Spin Tests of a 1/14-Scale Model of the Fleetwings XBT-12 Airplane	1940
20150019977	Preliminary Data Giving Results of Tests of Burnelli XB-AB-3 Model in the 8-Foot High-Speed Tunnel	1940
20150021814	A Study of the Centrifugal Supercharger	1940

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160000853	Jet Propulsion for Aircraft at Subsonic Speeds	1940
20160003555	Spin Tests of a 1/20-Scale Model of the Republic P-44 Airplane	1940
19630044322	THE PROPAGATION AND DECAY OF BLAST WAVES	1941
19650022580	The vapor pressures of zinc over aluminum-zinc alloys	1941
19660072240	Snatch loads in glider cables	1941
19660089562	Note on the theory of simple thrust augmenters for jet propulsion	1941
19670090615	Test of underwater reception of low frequency radio signals	1941
19670094809	Note on vortex flow theory as applied to axial flow turbine blade design	1941
19680073087	The Buckling of Thin Cylindrical Shells Under Axial Compression	1941
19680092800	Tests on the impairment of pilots' night vision due to illuminated instrument panels. Comparison of red and green illumination	1941
19680093735	Stall warning devices	1941
19730065158	Centrifugal supercharger design methods	1941
19740073616	Mercury Capsule No. 11, Configuration Specification (Mercury-Redstone No. 4)	1941
19780078527	A flight investigation of the boundary-layer characteristics and profile drag of the NACA 35-215 laminar-flow airfoil at high Reynolds numbers	1941
20020030057	Local Serotherapy in Carbuncle Affecting Humans	1941
20070028741	Report of Test on Tachometer, Type B, Class a	1941
20070029619	Report on Test of Model ZB Homing Adapter Graybar Electric Company Contractor	1941
20070029674	The Preparation of Uranium Hexafluoride	1941
20080019835	Torsional Characteristics of Propeller Shafts of USS NORTH CAROLINA	1941
20080019837	Report on Storage Stability of Aviation Gasoline and the Stability of Storage Vessels	1941
20080019838	Report of Test on Navy Types Z-1 and Z-2 Buzzers	1941
20080019839	Partial Report on the Mechanical and Ballistic Properties of Iron-Manganese Alloys	1941
20080019840	Report of Test Weston, 3 and 5 Kilovolt Voltmeter Multiplier Resistors	1941
20080019891	Six Wire Wound Fixed Resistors Submitted by International Resistance Company	1941
20080019892	Generation, Reception, and Properties of Damped Supersonic Waves	1941
20080019893	Sirens, Types S1, S2, S3, S4	1941
20080019894	Investigation and Measurement of Radio Transmitting Antenna Systems on U.S.S. NORTH CAROLINA	1941
20080019896	Test of Preselector Serial 4101 for Radiomarine Corporation of America Receiver AR-8503, Serial 4110	1941
20080019925	An Electrical Method for Rapid Inspection With X-rays and Gamma Rays	1941
20080019926	Report Tests of Directive Characteristics of Antenna Array of Model YE Homing Equipment	1941
20080019927	Test of Radiomarine Type ET-8019 200 Watt Radiotelegraph Equipment	1941
20080019928	Test on Horns, Navy Type H-1	1941
20080019949	Test of Model AVT-50 Transmitting Equipment	1941
20080020297	Low Expansion Alloys	1941
20080021401	Contact Maker, Type N, (Local Switching)	1941
20080021402	Report on the Use of Blind Heads in the Manufacture of Steel Castings	1941
20080022128	Light Armor: Construction and Use of Pendulums for Small Plate Testing, Brinell Hardness Correlation with Ballistic Penetration Resistance, and the Effect of Physical Defects on Armor Performance	1941
20080022129	Investigation of Resubmitted Model XTBU Transmitting Equipment	1941
20080022923	Test of Westinghouse 3 and 5 Kilovolt Voltmeter Multiplier Resistors	1941
20080022924	Test on Navy Type H-5 Horn	1941
20080022925	Auxiliary Report on Turret Gun Girder Stresses	1941
20080022926	Test of I.R.C. 3 and 5 Kilovolt Voltmeter Multiplier Resistors	1941
20080022935	Test on Navy Type H-5 Horns	1941
20080023196	Research on the Weldability of Iron Alloys (Weldability Test of Nickel Steels)	1941
20080023326	Test on Air Horn	1941
20080023327	Test on Air Horn	1941
20080046705	The Characteristics of Benzol Blends and Aromatic Gasolines	1941
20080046717	Test on Navy Type H-3 Horn	1941
20080046718	Test on Navy Type H-5 Horn	1941
20090004136	A Study of the Coupling Between Two Conductors in a Common Trunk at the Intermediate-Frequencies	1941
20090006650	Report on Test of Yardeny Remote Control System	1941
20120009795	New Equipment for Measuring and Recording the Pressure of Powder Gases in Rocket chambers and the Thrusts Exerted by Blocked Rockets, Each as a Function of Time	1941
20130014017	Calibration of Pioneer and Navy Type Trailing Pressure Heads	1941
20130014255	Power-On Wind-Tunnel Tests to Determine the Lateral Stability Characteristics of the 1/10-Scale Model of the North American XB-28 Airplane	1941
20130014315	Full-Scale Wind-Tunnel Tests of the General Motors Aerial Torpedo	1941
20130014427	Torpedo Exploder Mechanism Test to Determine Air Speed for Arming	1941
20130014566	Preliminary Results of Drag Tests of Three Large-Chord Airfoil Models Submitted by Consolidated Aircraft Corporation	1941
20130014568	Tests of Model of Wing for the Republic XP-47B Airplane in the Low-Turbulence and Two-Dimensional Tunnels	1941

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20130014570	Tests of Model of Low-Drag Wing with Aileron for the XP-47B Airplane, in the Low-Turbulence Tunnel and in the Two-Dimensional Tunnel	1941
20130014593	Investigation of Aileron Characteristics of the Vought-Sikorsky XF4U-1 Airplane	1941
20130014636	Study of Effect of Flaps on Take-off Characteristics of B-32 Airplane and of Comparative Effectiveness of Internally Balanced and Frise Type Ailerons for this Airplane	1941
20130014639	Power on Wind Tunnel Tests of the Longitudinal Stability and Control Characteristics of the 1/10 Scale Model of the North American XB-28 Airplane in the 7 by 10 foot Wind Tunnel	1941
20130014662	High Speed Tests of the XB-32 Bomber Model Including Three Wing Variations	1941
20130014666	Drag Measurements of a Stressed Large-Chord Low-Drag Airfoil Model Submitted by Douglas Aircraft Company	1941
20130014669	Power-Off Tests in the NACA 19-Foot Pressure Tunnel of a 1/2.75-Scale of the XF4U-1 Airplane Equipped with an NACA Low-Drag Wing and Two Types of Wing Flap	1941
20130014671	Wind-Tunnel Investigation of an NACA-Drag Tapered Wing with Straight Trailing Edge and Fowler Flaps	1941
20130014719	Preliminary Report on Gas Turbine Jet Propulsion Unit for Aircraft	1941
20130014873	Power-Off Wind-Tunnel Test of the 1/10-scale Model of the North American XB-28 Airplane	1941
20140000011	Wind-Tunnel Investigation of Sealed-Gap Ailerons on XB-32 Airplane Rectangular Wing Model Equipped with Full-Span Flaps Consisting of an Inboard Fowler Flap and an Outboard Retractable Balanced Split Flap	1941
20140000034	Tests of Bell XP-63 Wing Model in the Low-Turbulence and Two-Dimensional Wind Tunnels	1941
20140000035	Tests of Wing Models for a Martin Bomber in the Low-Turbulence and Two-Dimensional Tunnels	1941
20140000036	Lift and Drag Tests of Three Alternative Tip Sections Submitted by Glenn L. Martin Company for the XB-33 Airplane	1941
20140000043	Test in the Low-Turbulence Tunnel of Airfoil Section Model Submitted by Pitcairn-Larsen Autogiro Company Section NACA 65,3-317 with 5603 Mean Line	1941
20140001141	Properties of Reinforced Plastics and Plastic Plywoods	1941
20140002032	Investigation of Air Flow in Right-Angle Elbows in a Rectangular Duct	1941
20150011138	Preliminary Full-Scale Tunnel Data on Cooling Arrangements for Liquid-Cooled Engines	1941
20150011169	Results of Additional Propeller Cuff Tests on the Bell YP-39 Airplane	1941
20150011187	Report on Optimum Intercooler Design	1941
20150011214	A Flow Bench Test of Three Aviation Fuels	1941
20150011215	Flight Tests with 100 Octane Fuel Containing 4.8 ccs. T.E.L./IG on Tomahawk A.K.184	1941
20150011219	The Application of Plastics and Plywood in the Aircraft Industry	1941
20150011316	Progress Report on Cowlings for Air-Cooled Engines Investigated in the NACA 19-Foot Pressure Wind Tunnel	1941
20150011319	Skin Stresses Around Inspection Cut-Outs	1941
20150011400	Preliminary Report on Flight Tests of an Airplane Having Exhaust-Heated Wings	1941
20150011401	Wind-Tunnel Investigation of an NACA 66,2-216 Low-Drag Wing with Split flaps of Various Sizes	1941
20150012601	Knocking Tendency of Wright G-200 Cylinder with One and Two Spark Plugs	1941
20150012612	50 Hour Endurance Test of the NACA 5 3/4 - By 5 3/4-Inch Air-Cooled Diesel Cylinder	1941
20150012613	Pressure-Distribution Data Applicable to Aileron of Wing for XP-60 Airplane	1941
20150012621	Resistance Tests of a 1/8-Full-Size Model of the Consolidated PBY Flying Boat - NACA Model 124-D-1	1941
20150012870	Tests of a 1/8 Full-Size Dynamically Similar Model of the Consolidated PBY Flying Boat - NACA Model 124D-2	1941
20150012881	Measurement of the Flying Qualities of a Curtiss P-40 Airplane (Air Corps Number 39-160)	1941
20150012965	Spin Test of a 1/20-Scale Model of the Douglas SBD-1 Airplane	1941
20150012966	Spin Tests of a 1/14.46-Scale Model of the North American BT-14 Airplane	1941
20150012992	Data Sheets on Stressed Skin Structures	1941
20150012996	Relative Performance of a Fighter-Type Airplane with External Gas Tanks to Increase the Range	1941
20150012997	Comparison of L-5151 and L-5152 Fuels in a Liquid-Cooled and in an Air-Cooled Cylinder	1941
20150012998	Effect of Fuel-Air Ratio on the Knock Limits of S-1 Plus Tetraethyl Lead and on Eight Representative 100 Octane Number Fuels	1941
20150012999	Results of Tests to Determine Maximum Permissible Boost for PPF-566, PPF-580, and S-1 at Two Inlet-Air Temperatures Over a Wide Range of Fuel-Air Ratios	1941
20150013584	Wind-Tunnel Investigation of an NACA Low-Drag Tapered Wing with Straight Trailing Edge and NACA Slotted Flaps	1941
20150013597	Spin Tests of a 1/20-Scale Model of the Curtiss XP-46 Airplane	1941
20150013599	Spin Tests of a 1/22-Scale Model of the Grumman XTBF-1 Airplane	1941
20150013928	Studies of Stresses in Rivets of Shell Structures	1941
20150013942	A Specific Tank Test of a Model of the Hull of the Bureau of Aeronautics Design 7449 Flying Boat - NACA Model 121	1941
20150014034	Induction System De-Icing Investigation	1941
20150014050	Pressure Distribution About the Cockpit Canopy of a 1/6-Scale Model P-40D Airplane at High Speeds	1941
20150014053	An Investigation of the Surface Treatment of Alclad 24S-T in Preparation for Spot-Welding	1941
20150014054	Report on Investigation of Spot-Weld Test Specimens	1941
20150014123	Effect of Goodrich De-Icers on Drag of Airfoil Section for Douglas XA-26 Airplane	1941

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150014128	Effect of Gun Ports in Leading Edge of Low-Drag Wing for Bell XP-63 Airplane	1941
20150014306	Protection Against Acoustical Shock in Radio Earphones	1941
20150014356	Preliminary Report on Atmospheric Electrical Discharges to Aircraft	1941
20150014368	Space-Time, Acceleration, and Strain Measurements on a 1/20-Scale Cruiser Model Subjected to the Action of a Depth Charge under the Bow	1941
20150014403	Construction of Airfoils by the Hodograph Method	1941
20150014623	Induction System De-Icing Investigation Bulletin Number 2	1941
20150014632	Erroneous Adapter Mixture Temperature Readings Due to the Insulating Effect of Ice on Thermometer Bulbs Located in the Adapter	1941
20150014635	Tank Tests of a 1/5 Full-Size Dynamically Similar Model of the Army OA-9 Amphibian with Motor-Driven Propellers - NACA Model 117	1941
20150014639	Tank Tests of Revised 1/12-Full-Size Dynamic Model of the XPB2M-1 Seaplane - NACA Model 113	1941
20150015588	A Flight Investigation of the Thermal Properties of an Exhaust-Heated-Wing De-Icing System on a Lockheed 12-A Airplane (Supplement Number 2)	1941
20150015608	Tests of Three 24-Inch-Chord Airfoil Models Representing Root, Tip, and Alternate Tip Sections of Wing of XP-69 Airplane	1941
20150015796	Wind-Tunnel Tests of 1/6-Scale Powered Model of the Republic XP-47B Airplane with a Low-Drag Wing	1941
20150015906	Spin Tests of a 1/20-Scale Model of the Curtiss P-40B Airplane	1941
20150015909	Spin Tests of a 1/16-Scale Model of the Northrop XP-56 Airplane	1941
20150015911	Report on Jet Propulsion	1941
20150016127	Skin Stresses Around Inspection Cut-Outs	1941
20150016681	Tank Tests of a 1/5 Full-Size Dynamically Similar Model of the Army OA-9 Amphibian with Motor-Driven Propellers - NACA Model 117	1941
20150017427	Compressibility Effects in Aeronautical Engineering	1941
20150017563	50-Hour Endurance Test of the NACA 5 3/4 - by 5 3/4-Inch Air-Cooled Diesel Cylinder	1941
20150017582	Engine Cooling and Stability Tests of the XSO3C-1 Airplane in the Full-Scale Wind Tunnel	1941
20150017906	[Development of a Direct Method for Determining the Friction Force between the Piston and Cylinder of an Internal Combustion Engine]	1941
20150017964	Physical Properties of the Standard Atmosphere	1941
20150017970	Investigation of an Individual-Duct Engine Cowl	1941
20150018966	The Development of a New Lateral-Control Arrangement	1941
20150019309	Contribution to the Theory of Drop and Crystal Formulation in the Atmosphere	1941
20150019344	Measurements of Lift, Drag, and Stalling Characteristics of a 0.36-Scale Simplified Model of the XP-60 Airplane in the NACA 19-Foot Pressure Wind-Tunnel	1941
20150019394	Tests of a 0.25-Scale Model of the Curtiss XP-55 Airplane in the CACA 19-Foot Pressure Wind Tunnel	1941
20150019414	Spin Tests of a 1/25-Scale Model of the Grumman XP-50 Airplane	1941
20150019545	Tests of Various Arrangements of Wings, Radiator Ducts, and Tail Surfaces on a 0.36-Scale Model of the XP-60 Airplane in the NACA 19-Foot Pressure Tunnel	1941
20150019953	Progress Report on Optimum Intercooler Design	1941
20150020419	Protection Against Acoustical Shock in Radio Earphones	1941
20150020421	Investigation of an Individual-Duct Engine Cowl	1941
20150020973	Engine Cooling and Clean-Up Tests of the A-20-A Airplane in the NACA Full-Scale Wind Tunnel	1941
20150021252	NACA Report of Progress of Supercharger Work	1941
20150021253	NACA Report of Progress of Supercharger Work Submitted to the Special Subcommittee on Supercharger Compressors on October 10, 1941	1941
20150021536	Jet Ejectors and Augmentation	1941
20150021918	A Flight Investigation of the Thermal Properties of an Exhaust-Heated-Wing De-Icing System on a Lockheed 12-A Airplane: Supplement No. 2	1941
20150022993	NACA Shear-Lag Calculations for NAF Tests on PBY Airplane	1941
20160000859	Range of a Pursuit Airplane	1941
20160003562	Report on Optimum Intercooler Design	1941
19630045150	MODEL TESTS OF THE ALIGHTING OF LANDPLANES ON THE SEA. PART 3. LIBERATOR	1942
19640023106	On the influence of the chemical composition on the structure and metal index of stellar atmospheres	1942
19640051815	Investigation of chemistry of n2f2 and of nof	1942
19650081297	The longitudinal stability of a hotspur glider on tow. i- results for loading 3,450 lb. at 130 m.p.h. a.s.i, c.g. tow	1942
19670084308	Strength tests of thin-wall truncated cones of circular section	1942
19680093107	Bulletin of the subcommittee on decompression- sickness	1942
19730074345	Tests of wing incendiary bomb installations in the NACA full scale wind tunnel	1942
19930074833	Table of NACA wind tunnels: Brief description of numbers 1 and 2, 7 by 10 foot AAL wind tunnel	1942
19960023480	Low Alloy Copper Cast Steel	1942
20020018559	Fractionation of Horse Anti-Anthrax Serum	1942
20080046525	The Performance of the British FH-3 and the International Telephone & Radio Laboratories Crossed Loop Type High Frequency Direction Finders	1942
20080046539	Mine Detection by Magnetic Induction Methods	1942

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20080046543	Hazard to Security of Naval Vessels from Radio Receiver Radiation	1942
20080046755	Report of Test on Insulating Material, Dilectene, No. 100	1942
20080046757	Report of Test on Annunciator - Nine Drop	1942
20080046765	A Substitute for Aluminum Powder in the Tinting of Zinc Chromate Primer	1942
20080046789	Report on Research on the Weldability of Iron Alloys (Weldability Tests and Calculated Hardenability for 42 Carbon-Manganese Steels)	1942
20080047158	Report of Test on Contact Makers, Types L and N	1942
20090003692	Low Visibility Painting of Lighter than Aircraft	1942
20090003718	Test of Model SCR-522-T2 Ultra High Frequency Equipment Manufactured by Bendix Radio Corporation of Towson, Maryland	1942
20090003727	Report on Tests of Model CXAP Aircraft Transmitting Equipment Manufactured by Westinghouse Electric and Manufacturing Company of Baltimore, Maryland	1942
20090003730	Report of Test on Insulating Material Submitted by the National Porcelain Co	1942
20090003732	Report on a Method for the Estimation of the Aromaticity of Aviation Gasolines	1942
20090003829	Model TCS Transmitting Equipment	1942
20090003838	Report of Test on Gun Firing Transformer Type GF, 200 V. A	1942
20090004072	A Study of Temperature Indicating Paints	1942
20090004074	Tests on Mercury in Glass Thermostats and Thermometers	1942
20090004130	The Calculation of the Tensile Strength of Normalized Steels from Their Chemical Composition	1942
20090004135	Test on Horn, Navy Type H-7	1942
20090004139	A Study of the Compatibility of Silosyn - Lacquer Mixtures	1942
20090005112	Report of Test of Isolantite 300	1942
20090005204	Test on LT Equipment	1942
20090005208	Precipitation Static Problem	1942
20090005932	Report of Test on Buzzer, Navy Type Z-2, Pressureproof	1942
20090010509	Report on Test of Type CXBG Radio Receiving Equipment Made by Panoramic Radio Corporation	1942
20100021159	A Method for the Dynamic Calibration of Accelerometers	1942
20100021160	Memorandum Report for the Army Air Forces, Materiel Command Tests of A 0.12-Scale Model of the XB-33 Airplane in the 8-Foot High-Speed Tunnel	1942
20120009769	Mechanism of Armor Penetration	1942
20130003327	Tank Tests of Ship-Propeller Strut Sections	1942
20130013887	Energy Losses in a Turbosupercharger Caused by the Use of a Fixed Turbine Nozzle Area	1942
20130014393	Wind-Tunnel Investigation of the Aileron- and Elevator-Tab Characteristics and the Lateral and Directional Stability and Control Characteristics of a 1/2.75-scale Model of the F4U-1 Airplane	1942
20130014560	Report on Wooden Airplanes in England	1942
20130014574	Tests of a Highly Cambered Low-drag-airfoil Section with a Lift-control Flap	1942
20130014576	Summary Report On Surface Condition Investigations Of Republic Low-Drag Wing Models	1942
20130014590	Wind-Tunnel Investigation of Three Ailerons for the Martin XB-33 Airplane	1942
20130014594	Free-Flight Tunnel Tests of a 1/12-Scale Model of the Vought-Sikorsky XF4U-1 Airplane	1942
20130014624	Tank Tests of 1/10 Full Size Model of Navy XLRQ 12 Place Float Wing Seaplane Glider	1942
20130014640	Tests of Grumman XTBF-1 Airplane in the NACA Full-scale Tunnel	1942
20130014667	Lift, Drag, and Pressure-Distribution Tests of the Root and Tip Sections of a Wing for the XP-67 Airplane	1942
20130014670	Wind-Tunnel Tests of the 1/8.75 Scale Model of the Vought-Sikorsky XF5U-1 Airplane Near a Ground Board	1942
20130014742	Angles of Zero Lift for Some NACA Low-Drag Airfoils	1942
20130014795	Flight Investigation of the Drag of Beveled Trailing-Edge Ailerons on a North American XP-51 Airplane	1942
20130014871	Wind-tunnel Test of 1/6-scale Model of Republic P-47B Airplane with Extended Nose	1942
20130014876	Wind-Tunnel Development of Ailerons for the Curtiss XP-60 Airplane	1942
20130014941	Examination of Spot Welds in Alclad 24S-T	1942
20140000013	Compressibility Investigation of 1/4-scale Model of the Vultee XP-54 Airplane in the 8-foot High Speed Tunnel	1942
20140000019	Angular Velocities in Spins as Indicated by Model Tests in the NACA Free-Spinning Wind Tunnels	1942
20140000020	Wind-Tunnel Tests of Several Duct Entrances in the Leading Edge of an NACA 23018 Wing	1942
20140000057	Tests of a 0.27-scale Model of the Curtiss XP-62 Airplane in the NACA 19-foot Pressure Tunnel	1942
20140000128	Spin Tests of a 1/15-scale Model of the Bell P-63A-1-BE Airplane	1942
20140000159	Wind-tunnel Investigation of a Horizontal Tail Surface for the Grumman TBF-1 Airplane	1942
20140000827	Tests of an Aircraft Engine Cylinder Reclaimed by Chrome Plating	1942
20140000884	The Effect of Exhaust Back Pressure on Engine Performance as Limited by Knock	1942
20140000887	Strength and Fatigue Tests on a Laminated Paper-base Plastic Proposed for Use in Molding Propellers	1942
20140000888	Plastic Materials for Aircraft Structures	1942
20140001893	Increasing the Power of Aircraft Engines by Internal Cooling - an Evaluation	1942
20140002033	Heat-Transfer Characteristics of a Messerschmitt Oil Cooler	1942
20150011148	Generalized Selection Charts for Harrison and Tubular Intercoolers - Supplement I - Selection Forms for Harrison Louvered Aluminum Intercoolers	1942
20150011150	A Study of Intercoolers	1942

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150011152	Comparative Performance of a Pratt and Whitney Twin Wasp Impeller-Diffuser Combination Tested in a Variable Component Test Rig and Engine-Type Rig	1942
20150011155	Miscellaneous Information on the Effect of Spinner Cut-Outs on Propeller Performance	1942
20150011160	Report on Survey of Aircraft Engine Ignition Developments	1942
20150011183	Tests of Several Propeller Cuffs Designed for Different Loadings	1942
20150011185	Characteristics of Wright Cyclone G-200 Supercharger as Determined by the NACA and the Wright Aeronautical Corporation	1942
20150011189	Wind-Tunnel Tests of Propellers Having a Biplane Arrangement of the Blades	1942
20150011202	Drag and Air Flow Measurements of an Exhaust-Gas Flame Suppressor	1942
20150011203	Suppression of Thermal Radiation from Aircraft Engines	1942
20150011221	Characteristics of Turbo Engineering Corporation Improved Two-Stage Turbosupercharger	1942
20150011224	Family of Impeller Designs on Varying Blade-Profile Curvatures	1942
20150011228	Preliminary Investigation Directed Toward Improvement of the NACA Cowling	1942
20150011323	Recent Flight Research on Ice Prevention	1942
20150011324	Wind-Tunnel Tests of Propellers having a Biplane Arrangement of the Blades	1942
20150011326	Preliminary Investigation Directed Toward Improvement of the NACA Cowling	1942
20150011327	Wind-Tunnel Investigation of Flap, Aileron, and Exterior Bomb Installations on a 24-Inch Constant-Chord North American XB-28 Wing Model	1942
20150011328	Design Outline of Anti-Icing Equipment Employing Heated Air	1942
20150011330	Strength Properties of Plastic Panels Bonded with Cycleweld Adhesive	1942
20150011331	Free-Flight Tunnel Investigation of the Effect of Full-Span Flaps on Lateral Stability and Control	1942
20150011332	Wind-Tunnel Tests of Several Duct Entrances in the Leading Edge of an NACA 23018 Wing	1942
20150011333	Airspeed Measurements in Flight at High Speeds	1942
20150011334	Tests in the 19-Foot Pressure Tunnel of a Rectangular NACA 0012 Horizontal Tail Plane with Plain and Horn-Balanced Elevators	1942
20150011417	Progress in the Investigation of Condensation Trails Left by Airplanes in Flight	1942
20150012595	Status of Methane as a Fuel for Aircraft Engines	1942
20150012598	Tentative Outline of Lubrication Research at Aeronautical Engine Research Laboratory	1942
20150012599	Summarized Review of Recent Literature on Piston Lubrication	1942
20150012600	Turbine Exhaust Flame-Damping Heat Exchanger	1942
20150012602	Test of an Improved Inlet Elbow for the Supercharger of a Ranger SGV 77oc-1 Engine	1942
20150012615	Resistance Tests of Models of the Float of the NB-1 Seaplane with and Without Winding Surfaces of the Bottom of the Forebody (NACA Models 153A and 153B)	1942
20150012618	Characteristics of Thick Airfoil Sections to be used for Propeller Blade Roots: NACA 0035 Section	1942
20150012619	Data on the NACA 66-Series Low-Drag Airfoils	1942
20150012622	Flight Measurements of the Aileron Characteristics of a North American XP-51 Airplane	1942
20150012760	Wind-Tunnel Investigation of Sealed-Gap Ailerons on XB-32 Airplane Rectangular Wing Model Equipped with Full-Span Flaps Consisting of an Inboard Fowler Flap and an Outboard Retractable Balanced Split Flap (Supplementary Tests)	1942
20150012782	Selection of an Airfoil for a Given Design Lift	1942
20150012864	Pressure Distribution Over a Plug-Type Spoiler-Slot Aileron on a Tapered Wing With Full-Span Slotted Flaps	1942
20150012879	Results of Compression Tests on Corrugated Panels Five Bays Long Laterally Supported by a Simplified Rib Structure	1942
20150012932	Douglas XA-26 Engine Installation Tests - Carburetor System	1942
20150012935	Tests of Belly Tank on 1/5-Scale Model of P-36 Airplane	1942
20150012936	Douglas XA-26 Engine Installation Tests - Oil-Cooler System	1942
20150012949	Preliminary Tests in the 19-Foot Pressure Tunnel of a 1/10.75-Scale Simplified Model of the Northrop XB-35 Airplane	1942
20150012976	Spin Tests of a 1/20-Scale Model of the Republic P-47D Airplane	1942
20150012980	Investigation of Propeller for X-Wasp Engine for Naval Aircraft	1942
20150012989	Antiknock Requirements of Aircraft Engine Fuels from the Standpoint of Take-Off and Cruising Conditions	1942
20150012991	Progress Report on Increase of Power of P-47 Airplane for Climb	1942
20150012994	Comparison of Knock Rating Data on Seven Power Plant Fuels Rated in Four Different Engines	1942
20150013010	Quality Requirements and Flying Quality Specifications	1942
20150013011	Report on General Views on Fighter Design	1942
20150013013	Report on Royal Aircraft Establishment's Studies on Ability of Landplanes to Land on the Water	1942
20150013576	Spin Tests of a 1/20-Scale Model of the Bell XP-59 Airplane	1942
20150013577	Spin Tests of a 1/40-Scale Model of the Boeing XB-29 Four-Engine Airplane	1942
20150013585	Wind-Tunnel Investigation of an NACA Low-Drag Tapered Wing with Straight Trailing Edge and Plain Sealed Flaps	1942
20150013589	Supplementary Tests in the NACA 19-Foot Pressure Tunnel of the Effect of Sealed Ailerons on a 1/8-Scale Model of the XB-32 Airplane Equipped with a Davis Wing and Full-Span Duplex Flaps	1942
20150013590	Tests of a 1/8-Scale Model of the Consolidated XB-32 Airplane with an NACA Low-Drag Wing in the 19-Foot Pressure Tunnel	1942

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013592	Spin Tests of a 1/30-Scale Model of the Douglas XA-26 Airplane	1942
20150013595	Tests of an Auxiliary Wing on a 1/5-Scale Model of the P-36 Airplane	1942
20150013596	Spin Tests of a 1/20-Scale Model of the Curtiss P-40E and P-40F Airplanes	1942
20150013604	Spin Tests of a 1/20-Scale Model of the Bell P-39D-1 Airplane	1942
20150013875	Wind-Tunnel Investigation of Flap, Aileron, and Exterior Bomb Installations on a 24-Inch Constant-Chord North American XB-28 Wing Model	1942
20150013884	Tests of Three Large-Chord Airfoil Models Submitted by Consolidated Aircraft Corporation as Sections of Alternative Wings for the XB-32 Airplane	1942
20150013885	Test of Revised Root and Tip Sections for the Wing of the XB-36 Airplane	1942
20150013899	Spin Tests of a 1/27-Scale Model of the McDonnell XP-27 Airplane	1942
20150013901	An Investigation of the Spot Welding of Aluminum Alloys using Magnetic Energy Storage Equipment Provided by the Sciaky Brothers	1942
20150013902	The Surface Treatment of Alclad 24S-T Prior to Spot Welding	1942
20150013903	An Investigation of Current Wave Form for Spot-Welding Alclad 24S-T, 0.020 Inch in Thickness	1942
20150013939	Tests of a 3/16-Scale Model of the Douglas XSB2D-1 Airplane - Development of Satisfactory Stability Characteristics	1942
20150014033	Tank Tests of Two Ogival-Section Hydrofoils	1942
20150014035	Notes on Prediction and Elimination of Exhaust-Type Condensation Trails	1942
20150014083	Additional Studies of Application of NACA Jet Propulsion System to a Proposed Experimental and Military Airplane	1942
20150014096	Free-Flight Tunnel Tests of the Materiel Center Tailless Glider Model Number 364	1942
20150014097	Tank Tests of 1/10-Full-Size Model of Navy XLRG-1 24-Place Seaplane Glider - NACA Model 141	1942
20150014098	Stability of a Towed Glider	1942
20150014116	Measurements of Fuselage Pressure Distribution and Tests of a Turbosupercharger Fairing on a 1/2.75-Scale Model of the F4U-1 Airplane	1942
20150014120	Analysis of the Aerodynamic Design of the P-47B Airplane	1942
20150014126	Wind-Tunnel Investigation of an "Eyebrow"-Type Auxiliary Lift Device on a North American XB-28 Two-Dimensional Wing Model	1942
20150014295	Report on Contra-Rotating Propellers	1942
20150014353	Estimated Pressure Distribution at High Mach Numbers Over Cockpit Canopy, Blisters, and Gun Turrets of the XSB2D-1 Airplane	1942
20150014389	Tests of an 0.075-Scale Model of the XB-29 Airplane in the 8-Foot High-Speed Wind Tunnel	1942
20150014408	Enthalpy-Entropy Diagram for Air and Combustion Gases	1942
20150014468	Spot Welding of Dissimilar Thicknesses of Alclad 24S-T	1942
20150014624	Some Methods of Maintaining Clear Vision Through Aircraft Windscreens	1942
20150014626	De-Icing of Propellers	1942
20150014628	Royal Aircraft Establishment Quarterly Statement on De-Icing	1942
20150014640	Tank Tests of a Guidoni Type SVA Seaplane Float with Hydrofoils - NACA Models 67, 67A, 67B, and 67C	1942
20150014682	Flight Investigation of a Radar High-Altitude Type SCR-518 Radio Altimeter	1942
20150015600	Jet Ejectors and Augmentation	1942
20150015610	Note on Beale Icing Indicator After Flight Tests	1942
20150015611	A Flight Investigation of Geer Frost Shields	1942
20150015614	Notes on Design of Rate of Icing Indicator	1942
20150015615	Observation of Condensation Trails Formed by XC-35 Airplane Over Langley Field, VA., July 17, 1941	1942
20150015625	Miscellaneous Tests in Vacuum Sphere on Structural Damping on Airplane Wing Panels	1942
20150015669	Tests of a 0.36-Scale Model of the Curtiss P-60A Airplane in the NACA 19-Foot Pressure Tunnel	1942
20150015692	Supplementary Spin Tests of a 1/20-Scale Model of the Bell XP-39E Airplane	1942
20150015693	Spin Tests of a 1/15-Scale Model of the Bell XP-63 Airplane	1942
20150015745	Boundary Layer in Compressible Gas	1942
20150015759	The Weight Economy of Extended-Surface Heat Exchangers	1942
20150015767	Spin Tests of a 1/20-Scale Model of the Bell XP-39E Airplane	1942
20150016046	Summary of Experimental Data of Physical Properties of Gases	1942
20150016121	Recent Flight Research on Ice Prevention	1942
20150016125	Knock Limits of a Series of Aviation Gasolines Expressed in Terms of Relative Air and Fuel Flows	1942
20150016141	Effect of Fuel Vaporization, Inlet-Air Temperature, and Fuel-Air Ratio on the Knock Limit of Isooctane	1942
20150016143	Preliminary Investigation Directed Toward Improvement of the NACA Cowling	1942
20150016144	Heat Transfer Tests of a Commercial Cylinder Barrel with Copper Plated Steel Fins	1942
20150016655	Influence on Indication of the Cambridge Mixture Indicator of Adding Aromatic Fuels to Aviation Gasoline	1942
20150016662	An Investigation of Hydrofoils in the NACA Tank I - Effect of Dihedral and Depth of Submersion	1942
20150016665	Effect of Temperature on Hardness and Elasticity of Vinal Plastic of Pittsburgh Plate Glass Company	1942
20150016694	The Stability Wind Tunnel of the NACA	1942
20150016695	A Comparison of the Accuracy of Several Methods of Measuring Rate of Air Flow	1942
20150016942	Tests in the 19-Foot Pressure Tunnel of a 1/2.75-Scale Model of the F4U-1 Airplane Equipped with a Radar Fairing and Four 20-Millimeter Wing Cannons	1942
20150016943	Jet Ejectors and Augmentation	1942

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017109	Increasing the Cooling of a Steel-Finned Cylinder Barrel by Copperplating	1942
20150017431	Free-Spinning Wind-Tunnel Tests of a 1/23.75-Scale Model of the Douglas DC-3 Airplane	1942
20150017432	Spin Tests of a 1/22-Scale Model of the Curtiss XP-62 Airplane	1942
20150017559	Spin Tests of a 1/20-Scale Model of the Curtiss XP-60A Airplane	1942
20150017562	Spin Tests of a 1/20-Scale Model of the Republic XP-69 Airplane	1942
20150017897	Data on Accelerations for Medical Research	1942
20150017918	Effect of Tetraethyl Lead Additions on the Knocking of Characteristics of Several Typical Aviation Gasolines	1942
20150017919	Knock Limits of a Series of Aviation Gasolines Expressed in Terms of Relative Air and Fuel Flows	1942
20150017944	Physical Data of Certain Alloys for High Temperature Applications	1942
20150017947	Note on the Laboratory Preparation of Triptanol	1942
20150017966	Foaming and Aeration in Aircraft Engine Oil Systems	1942
20150017971	Tests of Supercharger for a Ranger SGV 770C-1 Engine	1942
20150018200	Tests of a 12-Percent-Scale Simplified Model of the Martin XB-33 Airplane in the NACA 19-Foot Pressure Wind Tunnel	1942
20150018821	Angles of Zero Lift for Some NACA Low-Drag Airfoils	1942
20150018924	Angles of Zero Lift for Some NACA Low-Drag Airfoils	1942
20150018934	Fundamentals of Mixture Control for Fuel-Injection Otto-Cycle Engine with Scavenging	1942
20150019541	Supplementary Spin Tests of a 1/20-Scale Model of the Republic XP-47B Airplane	1942
20150019568	Table of N.A.C.A. Wind Tunnels	1942
20150019956	Flight Investigation of Motion of SBD-1 Airplane During Simulated Diving Attacks	1942
20150019986	Wind-Tunnel Tests of 1/6-Scale Model of Republic P-47C Airplane with External Wing Tank	1942
20150019995	Structural Tests in Connection with the Brewster XA-32 Airplane	1942
20150021151	Notes on Halford Aircraft Jet Power Plant	1942
20150021230	NACA Report of Progress in Propeller Investigations Submitted to Subcommittee on Propellers for Aircraft on November 12, 1942	1942
20150021241	Advantages of Internal Cooling for Either Fighter or Bomber Aircraft	1942
20150021242	Estimated Characteristics of NACA 65-Series Low-Drag Sections	1942
20150021247	NACA Report of Progress of Supercharger Work Submitted to the Special Subcommittee for Supercharger Compressors on December 2, 1942	1942
20150021248	NACA Report of Progress of Supercharger Work Submitted to the Special Subcommittee for Supercharger Compressors on September 18, 1942	1942
20150021249	NACA Report of Progress on Supercharger Work Submitted to the Special Subcommittee for Supercharger Compressors on July 22, 1942	1942
20150021250	NACA Report of Progress of Supercharger Work Submitted to the Special Subcommittee for Supercharger Compressors on March 10, 1942	1942
20150021251	NACA Report of Progress of Supercharger Work Submitted to the Special Subcommittee on Supercharger Compressors on January 20, 1942	1942
20150021255	Heat-Transfer and Pressure-Drop Data on Oil Coolers for Aircraft Engines	1942
20150021262	[Supercharger Compressor Efficiency]	1942
20150021822	Generalized Selection Charts for Harrison and Tubular Intercoolers - Supplement I - Selection Forms for Harrison Louvered Aluminum Intercoolers	1942
20150021929	Standard Procedures for Rating and Testing Centrifugal Superchargers	1942
20150021933	Miscellaneous Papers	1942
20150022983	Bibliography on Lightning Hazards in Aviation	1942
20160000750	Investigation of Propeller Efficiency of a Light Airplane	1942
20160000841	Cylinder Refinishing - NACA Procedure	1942
20160000858	Report on Landing Gear Development	1942
20160001019	An Investigation of the Spot-Welding of Aluminum Alloys Using Condenser-Discharge Equipment Provided by the Taylor-Winfield Corporation	1942
20160001070	Systems CET and CEHT: Analysis of a Power Plant of High Efficiency and Great Overload Capacity	1942
20160003563	Wind-Tunnel Investigation of Sealed-Gap Ailerons on XB-32 Airplane Rectangular Wing Model Equipped with Full-Span Flaps Consisting of an Inboard Fowler Flap and an Outboard Retractable Balanced Split Flap	1942
20160004737	Air Force Moment for XF6F-1 Airplane	1942
19630044263	THEORIES OF FLAME-SPEEDS IN GASES THEORETICAL RESEARCH REPORT	1943
19640059685	The theoretical determination of the three-dimensional flow in an axial compressor with special reference to constant reaction blading	1943
19650077854	[No Title]	1943
19650078750	The effect of trailing edge thickness on blade loss	1943
19680086974	Wave propagation in a uniform bar whose stress-strain curve is concave upward	1943
19700090931	Vorticity transport and the theory of the wake	1943
19740080888	Wideband amplifier, phase 1 (U)	1943
19770081825	Tests of a Highly Cambered Low-Drag-Airfoil Section with a Lift-Control Flap, Supplement	1943
20090030058	A Review and Preliminary Analysis of Long-Range Rocket Projectiles	1943

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20100025462	Improvements to Television Systems	1943
20100026551	Pilot Plant Production of W	1943
20100028321	The Present Status of Composite Propellant 218	1943
20120012461	Note on Barrage Jamming With Special Reference to Use of RC-156 and AN/APQ-9 Transmitters	1943
20120012466	A Note on Pulse Distortion by Rejection Filters	1943
20120012485	Air Temperatures Obtained by Burning Gasoline at Various Rates Inside a Test Building	1943
20120012981	Chelate Oxygen Compounds	1943
20120012990	The Evaporation of Small Drops of Thiodiglycol and Levinstein Mustard	1943
20120013059	The Effect of 1130 on the Mitotic Activity of the Corneal Epithelium	1943
20130013886	Investigation of Methods of Reducing the Temperature Variation among Cylinders on Air-Cooled Aircraft Engines	1943
20130013971	Cooperative Lubricants Tests. Progress Report on NACA Cooperative Engine Lubricants Tests Since September 22, 1942	1943
20130014551	Wind Tunnel Tests of a Target Glider	1943
20130014552	Progress Report to the Flutter and Vibration Subcommittee Meeting of May 6, 1943 on Research Work at the LMAL	1943
20130014572	Lift And Drag Data For A NACA 65,3-018 Airfoil Without Sweepback And With 25deg Sweepback	1943
20130014589	Investigation of Structural Loads Obtainable on the Ailerons of a P-47 Airplane in Abrupt Aileron Rolls at High Speeds	1943
20130014591	Pressure Distribution on the Bomb-Bay Doors of the 1/6-Scale Model of Curtiss XSC-1 Airplane	1943
20130014622	High-Speed Longitudinal Control of the XB-29 Airplane as Predicted from Tests of a 0.075 Scale Model	1943
20130014637	Performance Comparison of American Pursuit Airplanes	1943
20130014638	Progress Report to the Flutter and Vibration Subcommittee Meeting of November 18, 1943 on Research Work at the LMAL	1943
20130014641	Stability, Control and Stalling Characteristics of a 0.12 Scale Powered Model of the B-33 Airplane Investigated in the NACA 19-Foot Pressure Tunnel	1943
20130014664	Some Aerodynamic Characteristics of a 1/6 Scale Simplified Model of a Twin-Engine Bomber Airplane with a Wing Proposed for the Martin Airplane Design Number 195	1943
20130014665	Tests of Three Alternate Wing Designs for the Consolidated KPB3Y-A Airplane	1943
20130014673	Comparative Tests of the Tightness of Two Types of Flush Rivet Furnished by the Grumman Aircraft Engineering Corporation	1943
20130014675	High-Speed Wind-Tunnel Investigation of an Aileron for the XB-29 Airplane	1943
20130014794	Flight Tests of Beveled-Trailing-Edge Ailerons with Various Modifications on a North American XP-51 Airplane	1943
20130014869	Landing Gear Design Considerations	1943
20130014874	Estimation of Stick Forces from Wind-Tunnel Aileron Data	1943
20130014878	Aerodynamic Brakes	1943
20140000012	Critical Mach Numbers of Various Airfoil Sections	1943
20140000038	Tests of the XSB2D-1 Engine Installation in the 16-Foot High-Speed Tunnel	1943
20140000042	Lift and Drag Data for a NACA 65,3-018 Airfoil without Sweepback and with 25 deg Sweepback	1943
20140000054	Wind-Tunnel Tests of 1/8-scale Model of Curtiss SB2C-1 Airplane with the Flaps Deflected Unsymmetrically	1943
20140000161	Comparison of Pressure-distribution Measurements for an NACA 230-series Airfoil from Flight and Wind-Tunnel Tests at High MACH Numbers	1943
20140000219	Wind-tunnel Tests of 1/8-scale Model of Curtiss SB2C-1 Airplane	1943
20140000293	Spin Test of a 1/20-scale Model of the Curtiss P-60A-1-CU and P-60B-1-CU Airplane	1943
20140000829	Reduction of Cylinder Temperatures on a Pratt and Whitney R-2800 Engine by Changes to the Cylinder Baffles	1943
20140002002	An Investigation of the Cooling of the Ranger SGV-770 Engine in the Bell XP-77 Airplane	1943
20140002004	The Effect of Water Injection on the Cooling Characteristics of a Pratt and Whitney R-2800 Engine	1943
20150000501	Accelerated Aging Studies 3	1943
20150000502	Underwater Behavior of 3.5-In Aircraft Rockets	1943
20150000504	Preliminary Investigation of Beam Distortion Due to Close Proximity of Sound Projector to a Dome Nose	1943
20150000506	Abstract of British Reports on Forward Firing from Aircraft	1943
20150000644	Fire Control Research	1943
20150002014	Retro-Bombing from B-24 Aircraft 300 ft/sec Ammunition	1943
20150011154	Flow Tests of a General Electric Type CMC-3 Turbointercooler for the Martin XB-33 Airplane	1943
20150011171	Investigation of Propeller Gear Ratios for Pratt and Whitney X-Wasp Engine on XB-35 Airplane	1943
20150011172	Investigation of Propeller for X-Wasp Engine for Naval Aircraft	1943
20150011179	A Theoretical and Experimental Investigation of Exhaust Ejectors for Cooling at Low Speeds	1943
20150011194	Accuracy of Knock Tests in a Single-Cylinder Engine	1943
20150011199	Supplementary Report on Investigation of Propeller Efficiency of a Light Airplane	1943
20150011211	Fuel Injection in Spark-Ignition Otto Cycle Engines	1943
20150011279	Aerodynamic Brakes	1943
20150011280	Wind-Tunnel Investigation of NACA 63,4-420 Airfoil with 25-Percent-Chord Slotted Flap	1943

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150011293	The Calculated Performance of Certain Jet Propulsion Devices	1943
20150011294	Tests of an NACA 66,2-216, a=0.6 Airfoil Section with a Slotted and Plain Flap	1943
20150011295	An Experimental Investigation of the Intercooler and Charge-Air Duct Systems of the P-60A Airplane	1943
20150011296	Tests of an Annular Ejector System for Cooling Aircraft Engines	1943
20150011297	A Study of Cooling and Exhaust Disposal in Submerged Engine Installations	1943
20150011298	Effect of Single- and Dual-Rotating Propellers on Longitudinal Stability Characteristics of a 1/9-Scale Model of XP-62 Airplane with Flaps Retracted	1943
20150011299	Flight Measurements of Compressibility Effects on a Two-Blade Thin Clark Y Propeller	1943
20150011300	Effect of Altitude on Elevator Control Characteristics in Turning Flight as Measured for P-47B and P-47C Airplanes	1943
20150011335	Review of NACA Investigations on Fans for Engine Cooling	1943
20150011397	General Theory of Airfoil Sections Having Arbitrary Shape or Pressure Distribution	1943
20150012592	Notes on the New Wire-Woven Wing Covering Developed by Vickers	1943
20150012771	Measurements of the Flying Qualities of a Curtiss C-46 Airplane (Army Number 112293) with Control Boosters On and Off	1943
20150012772	Measurements of the Flying Qualities of a Curtiss C-46 Airplane (Army Number 112293) with Control Boosters On and Off	1943
20150012773	Tests of a 0.32-Scale Model of the Curtiss XF14C-2 Airplane in the NACA 19-Foot Pressure Tunnel	1943
20150012774	Measurements at Normal and High Altitudes of the Flying Qualities of a Lockheed F-38F Airplane (Army Number 41-7632)	1943
20150012784	Flight Measurements of the Aileron Characteristics of a Bell P-39D-1 Airplane (A.A.F. NO. 14-28378)	1943
20150012788	Flight Tests of Elevators on the XTBF-1 Airplane with Modified Horn Balance and Two Balancing Tab Ratios	1943
20150012791	Tests of a 1/8-Full-Size Dynamic Model of the XP4Y-1 Airplane with Spray Strips - NACA Model 143E	1943
20150012800	Notes on Hawker Fighters and Other Fighter Developments	1943
20150012822	Tests of Naval Aircraft Radio Antenna, M-907 of Solid and Hollow Construction	1943
20150012824	Determination of Position Error of Airspeed Head by High-Speed Wind-Tunnel Tests	1943
20150012867	Tests of a 1/10-Size Dynamically Similar Model of the Consolidated XPB3Y-1 Flying Boat in NACA Tank Number 1 - NACA Model 147	1943
20150012877	Preliminary Measurements of Flying Qualities of the Japanese Mitsubishi 00 Pursuit Airplane (U. S. NAVY Designation Zero-2)	1943
20150012902	Notes on Static Test Method for Aircraft Structures Used by Vickers Aircraft Limited	1943
20150012924	Compressibility or High Mach Number Aerodynamic Investigations Conducted at the Langley Memorial Aeronautical Laboratory	1943
20150012931	Measurements of Characteristics of Japanese Zero-2 Airplane in Simulated Combat Maneuvers	1943
20150012990	Study of Available Data Concerning the Gasoline Additive Designated PD-1132-B	1943
20150013031	Principles of the NACA Speed-Booster, Present Status of its Development and Proposed Program for its Further Development	1943
20150013583	Investigation in the 19-Foot Pressure Tunnel of a Tapered Wing with NACA Low-Drag Airfoil Sections and Various Arrangements of Flaps	1943
20150013587	Spin Tests of a 1/20-Scale Model of the Curtiss XP-60C Airplane	1943
20150013598	Spin Tests of a 1/14-Scale Model of the Curtiss-Wright SNC-1 Airplane	1943
20150013874	Tests of the NAVY Design 235 Wing in the NACA 19-Foot Pressure Tunnel	1943
20150013882	Tests of Some NACA 24-, 44-, and 230-Series Airfoils at Large Reynolds Numbers and Low Turbulence	1943
20150013883	Tests of an NACA 2419 (Modified) and an NACA 2418 Wing in the 7- by 10-Foot Wind Tunnel	1943
20150013904	An Investigation of Electrode-Pressure Cycles and Current Wave Forms for Spot-Welding Alclad 24S-T	1943
20150013905	The Surface Treatment at Room Temperature of Aluminum Alloys for Spot Welding	1943
20150014001	Investigation of the Low-Speed Spray Characteristics of the Navy PBN-1 Airplane - NACA Model 124E	1943
20150014036	Free-to-Trim Resistance Test of Models of the Float of the NB-1 Seaplane With and Without Winding Surfaces on the Bottom of the Forebody (NACA Models 153C and 153D)	1943
20150014058	An Investigation of the Effect of Spot Welding on the Sheet Efficiency of Aluminum Alloy 24S-T Under Static Load	1943
20150014059	Some Observations of Spot-Weld Consistency in Aluminum Alloys	1943
20150014115	Principles of the NACA Speed-Booster, Present Status of its Development, and Proposed Program for its Further Development	1943
20150014118	Notes on Recent Aerodynamic Developements in Great Britain	1943
20150014119	Notes on the New Vickers Bomber (3/42)	1943
20150014122	Tests of Kilfroast Mark F9 Wing Defrosting Fluid	1943
20150014129	The Use of Stubs for the Control of Bow Study of a Flying Boat	1943
20150014130	Corrosion Tests of NACA Flush Rivets	1943
20150014370	Systems CET, CEHT, and CETX Analysis of a Power Plant of High Efficiency and Great Overload Capacity	1943
20150014371	Study of the Effect of Flaps on the Aerodynamic-Center Location and Related Airfoil Characteristics	1943
20150014393	Flight Measurements of the Aileron Control Characteristics of the XTBF-1 Airplane	1943
20150014401	Static Test of B-24 Airplane Bomb-Bay Door with Intermediate Reinforcing Ribs	1943

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150014547	Low-Drag Wing for "Spitfire"	1943
20150014619	An Improved Flush-Rivet Milling Tool	1943
20150014627	Royal Aircraft Establishment Quarterly Statement on De-Icing Development Work	1943
20150014641	Resistance Tests of a 1/40-Size Model of the Hull of the HK-1 Cargo Airplane, NACA Model 155	1943
20150014655	Visit to Royal Aircraft Establishment at Farnborough	1943
20150014669	First Visit to National Physical Laboratory	1943
20150014670	First Visit to Director of Research, Ministry of Aircraft Production	1943
20150014671	Visit to Metropolitan Vickers Company	1943
20150014672	Second Visit to Ministry of Aircraft Production to Discuss Jet Propulsion and to Report on Meeting Attended of Subcommittee on Combustion	1943
20150014673	Visit to Power Jets Limited	1943
20150014681	Flight Investigation of Two Radar Model AYB-1 Aircraft Radio Altimeters	1943
20150014961	Studies of Thickened Liquids	1943
20150014962	Studies of Thickened Liquids	1943
20150015622	Study of Rib Design of B-24 Airplane as Regards General Instability	1943
20150015662	Variational Methods for the Solution of Problems in Elasticity	1943
20150015735	Compressibility Investigation of a 1/5-Scale Model of the Republic XP-69 Airplane in the 8-Foot High-Speed Tunnel - Supplementary Pressure Data	1943
20150015755	Wind-Tunnel Tests of 1/6-Scale Model of Republic XP-47J Airplane	1943
20150015784	Behavior of Light-Metal Piston Materials Under Simulated Operational Stresses	1943
20150015797	Study of Compression Panel, Supported on Four Edges, Formed of Corrugated Sheet with Flat Skin on Both Sides	1943
20150015811	Tests of a 1/9-Scale Model of the Vega XPV-2 Airplane with Tail Revisions	1943
20150015907	An Experimental Investigation of the Intercooler and Charge-Air Duct Systems of the P-60A Airplane	1943
20150016205	Meetings to Discuss Future Plans for the Development of Reaction Propulsion Devices	1943
20150016651	Visit to Lucas Laboratories	1943
20150016674	Stress Analysis and Wind-Tunnel Test of Naval Aircraft Radio Antenna, AN74BX	1943
20150016675	Ducted Fans of High Efficiency - Effect of Straightener Design	1943
20150016692	Wind-Tunnel Tests of an 16-Inch Naval Aircraft Radio Antenna Having a Circular Cross Section	1943
20150016989	Visits to Air Force Operation Fields in England	1943
20150016990	Visit to Boscombe Down	1943
20150016996	A Career in Aeronautical Research	1943
20150017108	A Quick Method of Measuring Surface Porosity of Chromium-Plated Aircraft-Engine Cylinders	1943
20150017426	Third Meeting of Group to Consider Supersonic Flight Problems	1943
20150017564	Test of a Choked-Bore Aircraft Engine Cylinder Reclaimed by Chrome Plating	1943
20150017569	Induction Effects for Single-Cylinder Engine Charge Air	1943
20150017574	Tests of Gun-Turret Installations and Tail-Surface Modifications on a 3/16-Scale Model of the Douglas XSB2D-1 Airplane	1943
20150017581	Spin Tests of a 1/60-Scale Model of the Fairchild XC-82 Airplane	1943
20150017699	Exposure Tests on Spot-Welded Aluminum Alloy Panels	1943
20150017700	Theory of Self-Excited Mechanical Oscillations of Hinged Rotor Blades	1943
20150017892	Effect of Five Engine Variables on the Knock-Limited Performance of Isooctane in a CFR Engine	1943
20150017907	Piston Ring Research	1943
20150017909	Overtravel of Wright R-1820 Piston	1943
20150017920	Fuel Knock Ratings Based on Permissible Air Flow Compared to Ratings Based on Permissible Mean Effective Pressure	1943
20150017921	Summary of Data on the Suitability of Xylidines as Antiknock Additives for Aviation Fuels	1943
20150017922	Antiknock Effectiveness of Xylidines in a Pratt and Whitney R-2800 Cylinder - II	1943
20150017923	The Effect of Xylidines on the Performance of an Aviation Gasoline in an Allison Cylinder - II	1943
20150017942	Preliminary Report on Tests of 24S-T Aluminum-Alloy Columns of Z-, Channel, and H-Section that Develop Local Instability	1943
20150017948	The Analysis of Pentenes Alkylate	1943
20150017949	Thermodynamic Charts for Internal-Combustion-Engine Fluids	1943
20150017950	The Analysis of Aviation Fuel 140-P	1943
20150018823	Preliminary Results of Flight Tests of Modified Horizontal Tail on Grumman XTBF-1 Airplane	1943
20150019317	Wind-Tunnel Tests of Two Anemometers	1943
20150019318	A Knock Indicator Incorporated in a Ceramic Aircraft Sparkplug	1943
20150019395	An Experimental Investigation of the Air Flow in the Charge- and Cooling-Air Duct System of the XP-62 Airplane	1943
20150019412	A Method of Obtaining Exhaust-Gas Samples in Flight	1943
20150019548	Wind-Tunnel Tests of a 1/6-Scale Powered Model of the Republic XP-72 Airplane	1943
20150019551	Wind-Tunnel Investigation of the Stability and Control Characteristics of a 1/9-Scale Model of the Vega XPV-2 Airplane	1943
20150019988	A Concise Theoretical Method for Profile-Drag Calculation	1943
20150019996	Supplementary Data on Structural Tests in Connection with the XA--32 Airplane	1943

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150019997	Supplementary Data from Tests of a 0.27-Scale Model of the Curtiss XP-62 Airplane in the NACA 19-Foot Pressure Tunnel	1943
20150020415	The Effect of Water Injection on the Cooling Characteristics of a Pratt & Whitney R-2800 Engine	1943
20150020893	Wind-Tunnel Tests of 1/8 Scale Model of Curtiss SB2C-1 Airplane with Dive Flaps Extended	1943
20150021171	Wind-Tunnel Tests of a Kollsman Electric Suspended-Head Airspeed Indicator	1943
20150021232	NACA Report of Progress in Propeller Investigations Submitted to Subcommittee on Propellers for Aircraft on April 12, 1943	1943
20150021243	NACA Report of Progress of Supercharger Work Submitted to the Subcommittee for Supercharger Compressors on July 20, 1943: Part 2.- Impeller and Diffuser Research	1943
20150021244	Research on Inducers and Static Devices for Pre-rotation of Inlet Air	1943
20150021245	NACA Report of Progress of Supercharger Work Submitted to the Subcommittee for Supercharger Compressors on March 10, 1943	1943
20150021246	NACA Report of Progress on Supercharger Work Submitted to the Subcommittee on Supercharger Compressors on March 10, 1943	1943
20150021256	Type Test of Nitrided Rings	1943
20150021257	Increasing the Power of Aircraft Engines by Internal Cooling - An Evaluation	1943
20150021259	NACA Report of Progress of Supercharger Work Submitted to the Subcommittee for Supercharger Compressors on October 28, 1943	1943
20150021260	NACA Report of Progress of Supercharger Work Submitted to the Subcommittee for Supercharger Compressors on July 20, 1943	1943
20150021261	NACA Report of Progress Submitted to the Subcommittee on Heat Exchangers at the Meeting to be Held on January 27, 1943	1943
20150021263	Progress Report for Subcommittee on Lubrication, Friction, and Wear	1943
20150021809	Knock Ratings of Organic Compounds	1943
20150021826	Review of NACA Investigations on Fans for Engine Cooling	1943
20160000272	Research - Backbone of Aeronautical Progress	1943
20160000838	Visit to Armstrong Siddeley Engine Plant	1943
20160000839	Discussion of Operational Problems with R. A. F. and American Personnel at Prestwick	1943
20160000850	Ducted Fans of High Efficiency	1943
20160000855	Investigation of the Effect of Ventilation on the Flow of Water Over a Rounded Chine	1943
20160000892	Wind Tunnel Tests of Naval Airship Radio Antenna AT-8/AR VHF	1943
20160003554	An Estimation of the Flying Qualities of the Vega XPV-2 Airplane from Wind-Tunnel Tests	1943
20160010822	An Improved Frequency Stabilization System for Microwave Oscillators	1943
20160010824	Handbook of Maintenance Instructions for AN/APA-53 Indicator Assembly	1943
20170001046	Systems Engineering for Army Air Forces Communications. Part 1. With Introductory Memoranda by Systems Section Members	1943
20170001047	Systems Engineering for Army Air Forces Communications. Part 2	1943
19630044319	THE ACCURACY OF TOTAL HEAD MEASUREMENT BY USE OF THE FORWARD STAGNATION POINT ON A CYLINDER	1944
19640059444	Wind tunnel tests of a model ducted fan propulsion unit	1944
19650077825	Aerial reconnaissance of sea ice and snow- covered terrain	1944
19650077826	Infrared radiation from ships	1944
19650077827	Measured performance of the reticon technique	1944
19650079962	The fourier integral and its applications to optics	1944
19650081298	An investigation into factors influencing the performance of a glider-tug combination	1944
19660088832	An estimate, based on experimental data, of the ideal drag of a shock wave	1944
19660089043	A theoretical analysis of the behaviour of an automatic control applying elevator as a linear function of aircraft pitch deviation from a gyro vertical, and the time integral of that deviation	1944
19660089199	Stability and stabilization during automatic landing approach	1944
19660089205	Certain aspects of aircraft icing in the alaskan-aleutian area	1944
19670091329	Cemented carbides considered from the viewpoint of dispersoid chemistry	1944
19670096225	Spring-tab controls - notes on development to date with special reference to design aspects	1944
19680087386	Gas turbine gas charts	1944
19680087745	Diffuser-resistance combinations in relation to wind tunnel design	1944
19690088743	Note on the flight path of a man falling from an aeroplane	1944
19690090423	Review of the practicability of and necessity for anti-G devices in the RAF with particular reference to the FFS Mk 3	1944
19690091170	Maximum lift of a profile as a function of the neighborhood. 1 - Influence of a split-flap tip in the neighborhood	1944
19690091221	Prediction of undercarriage reactions	1944
19700075039	The drag of stream-lined bodies	1944
19810068708	An Analysis of the Dissipation of Heat in Conditions of Icing from a Section of the Wing of the C-46 Airplane	1944
19900067362	Summary and compilation of important compressible flow relations	1944
19960022679	Plutonium Hydride and Deuteride	1944

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20070017199	Heat Treatment of Cathode Ray Tube Shields	1944
20070023843	Model EF-4 Gas Engine Generator Equipment	1944
20070027220	Report on Relaxation of NAX 9115 and SAE 4130 Alloy Steels	1944
20070027227	Guided Missiles Countermeasures Rand C Antenna	1944
20070027234	Report on Recommendations for Specifications Covering Wrinkle Finishes for Radio and Radar Equipment	1944
20070028306	The Causes of Porosity and Leakage in Non-Ferrous Castings (The Distribution of Mechanical Properties in Sand Cast Bronzes)	1944
20070033280	Development of a 90 to 150 Megacycle Antenna	1944
20070033281	Electrical Resistance Changes in Fine Wires Subjected to Plastic and Elastic Elongation	1944
20070033282	Some Dynamic Hardness Tests on Plastics	1944
20070033283	Investigation of Aluminum-Silver Alloy Systems (Mechanical Properties, Age Hardening and Corrosion Resistance of Some Aluminum Alloys Containing Two to Three Percent Silver)	1944
20070033284	Coatings of Low and High Reflectivity for Optical Surfaces	1944
20070033410	The AN/ARW-17 Receiver	1944
20070033411	Type Tests of AN/APA-17 Airborne Radar Direction Finding Equipment	1944
20070033415	The Anodic Behavior of Zinc Alloys used to Protect Steel in Sea Water	1944
20070033419	Type Test Model AN/CPN-6 Transponder Beacon Equipment, Serial 1:CGG (Transmitter Portion)	1944
20070033422	Investigation of Methods for the Simplification of Carrier Frequency Measurements on the AN/APR-1, AN/SPR-1 Receivers	1944
20070034098	Preliminary Report on the 719-B Oscillator	1944
20070034107	Preliminary Tests of Model AN/SPT-6 Jamming Transmitter	1944
20070034180	Type Tests of AN/APA-17A Airborne Radar Direction Finding Equipment	1944
20070034659	The Causes of Porosity and Leakage in Non Ferrous Castings (Foundry Details of Air Ram Cylinder)	1944
20090003729	Geiger Counter Technique for X-Ray Diffraction. Part 3. Particle Size Determination from X-Ray Line Broadening	1944
20090033673	Flight Tests of Various Tail Modifications on the Brewster XSBA-1 Airplane	1944
20100025457	Report on the Guided Anti-Aircraft Projectile Committee	1944
20100025458	FX Drawings	1944
20100025460	Progress of Flight Tests Block 10 AM and FM Equipment	1944
20100025461	Guided Missiles Organizations in UK	1944
20100026538	British Development of High Angle Homing Bomb	1944
20100026539	RCM for German Missiles	1944
20100026763	Scatter Bombing of a Circular Target	1944
20100031861	Jamming the German FG101, FG101A, FG103 Radio Altimeters	1944
20100031862	The Dependence of the Response of Microwave Chaff on Polarization and Angle of Elevation	1944
20100031863	Return Cross Sections from Random Oriented Resonant Half-Wave Length Chaff	1944
20100031876	An Introduction to the Study of Rockets	1944
20100032931	AEW (Airborne Early Warning)	1944
20120008313	Report of the Special O.S.R.D. Committee on Jet-Propulsion	1944
20120008404	Water Entry of 8 in. Diameter Aircraft Torpedo Models with Hemispherical and Ogival Nose	1944
20120008418	Spot Welding of Armor Plate and Low Alloy Steels (OD-85): The Spot Welding of Attachments to Homogeneous Armor	1944
20120009772	Realizability of Filters	1944
20120009794	Radio Set RHB. Section 1 - Technical Description of the Production Model Radio Set RHB. Section 2 - Adjustment and Alignment of Radio Set RHB	1944
20120010156	Report of Tests Made on Radio Set AN/TRC-1 and Associated Equipment	1944
20120010205	Torpedo Director Mark 32	1944
20120011077	Report of Tests Made on Radio Set AN/TRC-1 and Associated Equipment	1944
20120011096	Torpedo Director Mark 32	1944
20120012449	Pulse Shapes and RF Spectra for Combinations of Stromberg-Carlson Mark 1 and Mark 2 Modulators with 2J22, 2J21 and 725A Magnetrons	1944
20120012459	Raven Installations and Tests on Navy PB4Y-2 Reconnaissance Aircraft (Albatross 1)	1944
20120012478	Cold Impedance of E5 Tubes	1944
20120012987	Shaped Charges	1944
20120012992	Accelerated Aging Studies 9	1944
20120012993	The Colorimetric Estimation of H and HN3 with DB3	1944
20120013007	The Analysis of Smokes	1944
20120013008	Detonation and Fragmentation	1944
20120013015	Detection and Decontamination Problems (Water)	1944
20120013047	Special Propellants	1944
20130011742	Short Guided Missiles News Letter	1944
20130013972	Flight Calibration of a Bersted Suspended Static Head	1944
20130014458	Force Tests of a 1/5-Scale Model of the Type GB-7B Controllable Glide Bomb	1944
20130014544	Strain-Gage Instrumentation	1944

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20130014546	Effects of Sweep and Dihedral on Stalling and Lateral Characteristics of the Wing-Fuselage Combination of a Model of the XA-26 Airplane with Partial and Full Span Flaps	1944
20130014592	Flight Investigation of the Effect of Propeller Spinners on the Cowling Pressures and Speed of an A-26B Airplane	1944
20130014621	Estimation of Flying Qualities of the Curtiss XF14C-2 Airplane from Tests of a 0.32 Scale Model in the NACA 19 Foot Pressure Tunnel	1944
20130014623	A Flight Investigation of the Flying Qualities of a Martin RA-30 Airplane	1944
20130014663	Wind Tunnel Investigation of the Aerodynamic Characteristics of a 1/4 Scale Model of the McDonnell XP-67 Airplane	1944
20130014674	Method for Rapid Installation of Flush Static-Pressure Orifices	1944
20130014676	Characteristics of a Frise Type Aileron on a 1/2.75-Scale Model of the F4U-1 Airplane with Modified Outer Wing Panels	1944
20130014792	Mixture Distribution in an Allison V-1710-99 Engine as Indicated by Cylinder-Head Temperature	1944
20130014875	Summary of Aileron Performance of Current Fighter Airplanes	1944
20130014917	Drag Measurements at High Reynolds Numbers of Two Practical-Construction NACA 66,214 (Approx.) Wing Sections for the McDonnell XP-67 Airplane	1944
20130014952	Flight Loads Investigation of SB2C-1 Airplane, Bureau Project No. 4411. Comparison of Calculated and Measured Tail Loads for SB2C-1 Airplane	1944
20140000010	Power-Off and Power-On Tests of the 0.2375-scale Model of the Douglas XA-26 Airplane in the NACA 19-foot Pressure Tunnel	1944
20140000121	Test of a 0.4-scale Simplified Model of the North American XP-51F Airplane with a Low-Drag Wing in the NACA 19-Foot Pressure Tunnel	1944
20140000154	Pressure Surveys Behind the Propeller Cuffs of a P-51B Airplane at Military Power near Maximum Level-flight Speeds	1944
20140000155	Tests of the North American P-51B Airplane in the NACA Full-scale Tunnel	1944
20140000156	Flight Tests of Narrow-chord Elevators on a P-47C-1_RE Airplane (AAF No. 41-6130)	1944
20140000172	Aerodynamic Data for an Intermediate Wing Section with Slotted Flap for the XP-71 Airplane from Tests of a 2-foot-chord Model and a Large-chord Practical Construction Model	1944
20140000277	Wind-tunnel Investigation of Flow Through an Air Duct for a Psychrometer Unit	1944
20140000292	Spin Tests of a 1/20-scale Model of the Curtiss-Wright XP-60E Airplane	1944
20140000865	Effect of Water Injection on the Knock-Limited Performance of an Allison V-1710-99 Engine	1944
20140001145	Wind-Tunnel Investigation of the Failing Speed and Drag of Five English Manufactured Parachutes	1944
20140001148	Effect of Aftercooling with Constant Mixture Temperatures on the Knock-limited Performance of an Allison Engine	1944
20140001149	Cooling Requirements of the Allison V-1710 Engine with Aftercooling in the P-63 Airplane	1944
20140001497	Cooling Characteristics of the Allison V-1710-81 Engine	1944
20140001915	Comparative Cooling Characteristics of a Nitrided Cylinder Barrel and a Barrel Reclaimed by Chrome Plating	1944
20140002025	A Study of Piston Failures in an Allison V-1710 Engine	1944
20140002026	Comparative Flow Tests of Stock and Modified Allison Engine Valves and Valve-Seat Inserts	1944
20150011137	An Investigation of the Intercooler and Oil-Cooler Cooling-Air Ducts of the XF14C-2 Airplane	1944
20150011156	Steady-Flow Tests of the Intake Manifold of an Allison V-1710 Engine	1944
20150011174	The Possible use of Ceramic Materials in Aircraft Propulsion Systems	1944
20150011180	Wind-Tunnel Investigation of the Aerodynamic and Cooling Characteristics of the XB-39 Power-Plant Installation	1944
20150011195	Knock Tests on an Allison V-1710-81 Engine	1944
20150011196	Preliminary Results of Flight Tests of Induction and Intercooling Systems of the F6F-3 Airplane	1944
20150011213	Aromatic Analysis and Inspection Tests of M-4 Reference Fuel	1944
20150011220	Investigation of Two-Blade Propellers at High Forward Speeds in the NACA 8-Foot High-Speed Tunnel 11 - Effects of Compressibility and Solidity	1944
20150011222	Wind-Tunnel Investigation of the Failing Speed and Drag Force of Ten Small Parachutes Tested in the 16-Foot High-Speed Tunnel	1944
20150011223	Tests of an Allison Auxiliary-Stage Supercharger for a V-1710-93 Engine	1944
20150011289	Effects of Compressibility on Longitudinal Stability and Control of 1/5.5-Scale Model of Fighter Airplane	1944
20150011301	Investigation of Two-Blade Propellers at High Forward Speeds in the NACA 8-Foot High-Speed Tunnel I - Effects of Compressibility	1944
20150011302	Investigation of Two-Blade Propellers at High Forward Speeds in the NACA 8-Foot High-Speed Tunnel	1944
20150011304	An Investigation of the High-Speed Lateral-Control Characteristics of a Spoiler	1944
20150011305	Effect of Mach and Reynolds Numbers on the Power-Off Maximum Lift Coefficient Obtainable on a P-39N-1 Airplane as Determined in Flight	1944
20150011306	Critical Mach Numbers of Various Airfoil Sections	1944
20150011307	The Theoretical Calculation of Airfoil Section Coefficients at Large Reynolds Numbers	1944
20150011341	Structural Properties of Aluminum-Alloy Box Beams with Riveted, Spot-Welded, or Cycle-Welded Joints	1944
20150011348	A Preliminary Survey of Existing Information Pertaining to Dynamic Loads in Aircraft Structures	1944

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150012541	Investigation of Two-Blade Propellers at High Forward Speeds in the NACA 8-Foot High-Speed Tunnel I - Effects of Compressibility	1944
20150012588	Schlieren Apparatus for the Supersonic Wind Tunnel at Guidonia	1944
20150012868	Static Test of Fuselage of B-17F Airplane to Determine Resistance to Ditching Loads	1944
20150012871	Tank Tests of a 1/8-Size Dynamic Model of a Modified PBY Flying Boat - NACA Model 132: I - Tests Without Power	1944
20150012878	A Flight Investigation of the Flying Qualities of a Martin RA-30 Airplane (AAF No. 41-27687)	1944
20150012930	Analysis of High-Speed-Flight Pressure Distributions by an Inverse Method Applicable to Incompressible Flow	1944
20150012948	Wind-Tunnel Investigation of a Full-Scale Nacelle and Power-Plant Installation of the McDonnell XP-67 Airplane	1944
20150012979	Wind-Tunnel Tests of the Wing-Duct Inlets on a 1/4-Scale Model of the XP-67 Airplane	1944
20150013578	Free-Spinning Tunnel Tests of a 1/20-Scale Model of the Brewster XA-32 Airplane	1944
20150013588	Free-Spinning Tunnel Tests of a 1/20-Scale Model of the Consolidated Vultee XA-41 Airplane	1944
20150013591	High-Speed Wind-Tunnel Tests of a 1/11-Scale Model of the XB-36 Airplane	1944
20150013600	Free-Spinning Tunnel Tests of a 1/20-Scale Model of the Fisher Body Detroit Division P-75 Airplane	1944
20150013602	Free-Spinning Tunnel Tests of a 1/20-Scale Model of the YP-59A Airplane with Modified Wing and Vertical Tail Tips and Rudder Balance	1944
20150013941	Tests of a Model of a Flying-Boat Hull Incorporating D. K. Warner's "Compression-Plane" Principle - NACA Model 171	1944
20150014004	Resistance Tests of a Model of a Seaplane Float Alternately Fitted with a "Gazda Nozzle" Step and a Conventional Transverse Step (NACA Models 57-B-6 and 57-B-7)	1944
20150014032	An Analysis of the Dissipation of Heat in Conditions of Icing from a Section of the Wing of the C-46 Airplane	1944
20150014057	An Investigation of the Fatigue Strength of Spot Welds in the Aluminum Alloy Alclad 24S-T	1944
20150014086	A Preliminary Index of Aircraft Materials Research Projects of Government Agencies	1944
20150014087	Aircraft Materials Research Projects Section 5. Related Research, Preliminary Survey	1944
20150014089	List of National Advisory Committee for Aeronautics Confidential and Restricted Memorandum Reports on Investigations Conducted at the NACA Laboratories for the Bureau of Aeronautics	1944
20150014121	Study of Rib Design of Hughes-Kaiser HK-1 Airplane as Regards General Instability	1944
20150014372	Tow Tests of a 1/17-Scale Model of the P-80A Airplane in the Langley Free-Flight Tunnel	1944
20150014400	Static Tests of Fuselage of B-24J Airplane to Determine Resistance to Ditching Loads	1944
20150014402	Static Test of Fuselage of B-26B Airplane to Determine Resistance to Ditching Loads	1944
20150014510	The Value of Retracting Wing-Tip Floats on Flying Boats Compared with that of Retracting the Landing Gear on Landplanes	1944
20150014515	Take-Off and Landing Stability and Spray Characteristics of a 1/12-Full-Size Model of the JRM-1 Flying Boat - NACA Model 164J	1944
20150014618	Hydrodynamic Lift Characteristics of Three 1/10-Size Models of Outboard Floats for the HK-1 Cargo Flying Boat	1944
20150014634	Possible Reduction in Air Drag Obtained by Retracting Wing-Tip Floats Compared with Reduction Obtained by Retracting Landing Gear	1944
20150014636	Take-Off and Landing Stability and Spray Characteristics of Modifications of a 1/12-Size Model of the JRM-1 Flying Boat - NACA Model 164	1944
20150014637	Resistance Tests of Two Models of Hulls for a Large Flying Boat (NACA Models 77K-1 and 77K-A)	1944
20150014676	Calibration of Naval Aeronautical Instruments Laboratory High-Speed Trailing Static Tube	1944
20150014677	Wind-Tunnel Tests of a Pioneer Electric Suspended-Head Airspeed Indicator	1944
20150014679	Flight Calibration of Two Schwein True Airspeed Meter Installations	1944
20150015004	The Calculated Performance of a Jet Propulsion Device Systems PCETJ and PCEHTJ	1944
20150015602	A Restricted Index of Aircraft Materials Research Projects	1944
20150015619	Tail-Load Computations for DC-3 in Pull-Up Maneuvers	1944
20150015663	Measurements of the Flying Qualities of a Martin B-26B-21 Airplane	1944
20150015698	Elevon Development for the XB-35 Airplane from Two-Dimensional-Flow Tests	1944
20150015905	An Investigation of the Cowling and the Canopy of the Bell XP-77 Airplane in the Langley Full-Scale Tunnel	1944
20150016152	A Restricted Index of Aircraft Materials Research Projects	1944
20150016195	Wind-Tunnel Tests of a Parabolic Reflector	1944
20150016202	Tests on a Flat Plate in a Uniform Airstream, Regarding the Influence of Roughness on the Transition from Laminar to Turbulent Flow	1944
20150016643	A Restricted Index of Aircraft Materials Research Projects Section	1944
20150016644	A Confidential Index of Aircraft Materials Research Projects Section	1944
20150016650	Report on German Aeronautical Research and Development	1944
20150016653	A Pressure Probing Instrument for Supercharger Velocity Survey	1944
20150016684	A Special Slide Rule for Determination of Air Flow Through an Orifice and its Application in Determining Fuel-Air Ratios	1944
20150016686	A Preliminary Investigation of Noise Devices Suitable for Use on Dive Bombers	1944
20150016687	Construction of a Magnetostriction - Type Knock Pickup	1944

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150016688	Wind-Tunnel Tests of Three Modifications of Model AN-74-BX, VHF Mast Antenna	1944
20150016691	Wind Loads and Effects on the Antenna and Antenna Pedestal for Radio Set AN/MPG-1	1944
20150016696	A Special Slide Rule for Determination of Air Flow Through an Orifice and its Application in Determining Fuel-Air Ratios	1944
20150016940	Tests of Gun Ports in a Low-Drag Wing Section for the Consolidated Vultee XA-41 Airplane	1944
20150016997	NACA: The Force Behind Our Air Supremacy	1944
20150017084	Lattice Measurements on Turbine Blades	1944
20150017085	Conclusions from Interference Measurements Concerning the Form to be Given to Turbine Blades	1944
20150017425	Some Factors Affecting Failures of Exhaust Valves in an Air-Cooled Cylinder	1944
20150017433	Tests of the Bell P-63A Airplane in the NACA Full-Scale Tunnel	1944
20150017567	Single-Cylinder Endurance Tests of Porous Double Chromium-Plated Cylinders	1944
20150017570	Measurement of Surface Porosity of Porous Chromium-Plated Aircraft-Engine Cylinder Barrels	1944
20150017571	Heat-Transfer Data on Blower-Cooled Finned Cylinders	1944
20150017572	Comparative Cooling Characteristics of a Nitrided Cylinder Barrel and a Barrel Reclaimed by Chrome Plating	1944
20150017575	Development of Satisfactory Jet-Motor Air Intakes for the McDonnell XFD-1 Airplane	1944
20150017702	Tests of the XSC-1 Power-Plant Installation in the LMAL 16-Foot High-Speed Tunnel II - Cooling	1944
20150017707	Hot-Wire Anemometer Utilizing Direct-Current Amplifier	1944
20150017875	Component Analysis of a Westinghouse Type 19-A Jet-Propulsion Unit	1944
20150017911	Knock-Limited Performance of Blends of a Base Stock and an Alkylate Blending Agent	1944
20150017937	Allison Single-Cylinder Knock Tests Comparing Grade 94/114 Fuel with Grades 91/96 and 100/130 Fuel	1944
20150017938	Survey of Multicylinder-Engine Data on the Antiknock Effectiveness of Xylidines	1944
20150017939	Pratt and Whitney R-1830 and Allison V-1710 Single-Cylinder Knock Tests of N-72, N-73, N-74, and 28-R Fuels	1944
20150017951	Reaction Energy of Fuel-Oxidant Combinations	1944
20150017972	Heat Transfer Calculation for Aerofoils	1944
20150017973	Altitude Performance of Allison V-1710-93 Engine and Two-Stage Supercharger	1944
20150018953	Tail-Load Computations - XP-75 Airplane	1944
20150018956	Compressive Test of Closed Curved-Panel Specimen with Z-Section Stiffeners for Eastern Aircraft XF2M-1 Airplane - TED No. 2407	1944
20150019315	Operational and Destruction Tests of ML203 and ML80 Anemometers	1944
20150019319	Operating Characteristics of a Standard Wright C9GC Exhaust Valve and an Exhaust Valve with a Stem of Increased Diameter and a Crown with a Corrosion-Resistant Coating	1944
20150019338	Study of the Factors Affecting Backfiring in the Allison V-1710-81 Engine	1944
20150019418	Flight Tests of the Effect of Several Modifications on the Maximum Speed of the P-63A Airplane	1944
20150019553	Compressive Strength of Curved Plywood Panels with Internal Pressure	1944
20150019845	Wind-Tunnel Investigation of the Effect of Deflected Flaps on the Efficiency of a Pusher-Propeller Arrangement for the XB-36 Airplane	1944
20150019847	The Effect of Several Armament Installations on the Drag of 1/8-Scale Model of the B-32 Airplane	1944
20150019951	Free-Spinning Tunnel Tests of a 1/20 Scale Model of the Fleetwings XA-39 Airplane	1944
20150019969	The Application of Powdered Talc in Making Gastight Seals	1944
20150019976	Analysis of Flight Test Data on Ailerons of the TBM-1 Airplane to Investigate Possibilities of Snatch	1944
20150020067	Ricochet off Water	1944
20150021124	High Speed Radiographic Studies of Controlled Fragmentation. 5. Target Perforation by Steel Jets	1944
20150021181	Tests of the XSC-1 Power-Plant Installation in the LMAL 16-Foot High-Speed Tunnel	1944
20150021189	Wind-Tunnel Calibration of Free-Air Temperature Measuring Devices for Use in Flight	1944
20150021254	Structural Tests of a Practical-Construction Wing Specimen for the XBK-1 Airplane	1944
20150021541	Free-Spinning Tunnel Tests of a 1/16-Scale Model of the Fisher Body Detroit Division XP-75 Airplane	1944
20160000749	Pre-Ignition Characteristics of Aviation Fuels	1944
20160000827	On the Application of the General Theory of Elasticity to Thin Shells	1944
20160000834	Occurrence of Compression Shock in the Vicinity of a Convex-Wall Contour Without Singularities	1944
20160000842	Index of Aircraft Materials Research Projects	1944
20160000863	Inspection of Helicopter Projects in the United States	1944
20160000900	Measurement of Surface Porosity of Porous Chromium-Plated Aircraft-Engine Cylinder Barrels	1944
20160003556	Estimated Longitudinal-Stability and Control Characteristics of the Revised Vega XP2V-1 Airplane with a B-17F Horizontal Tail Including Comparative Results for a Varicam Horizontal Tail	1944
20160003557	The Theoretical Calculation of Airfoil Section Coefficients at Large Reynolds Numbers	1944
20160003560	Wind-Tunnel Tests of Fairchild XC-82 Models. II - Extended-Span Tail	1944
20160005163	Design of an Improved X-Band Echo Box	1944
20160011445	Bombing Errors	1944
20170001042	Protective and Therapeutic Agents for War Gases - Preparation of New Antidotes	1944
20170001043	Protective and Therapeutic Agents for War Gases - Pigmented Protective Ointments	1944
20170001045	A Comparison of the Histopathology of the Ocular Lesions Produced by Mustard and Nitrogen Mustards	1944
19630043472	THEORETICAL SUBSONIC PERFORMANCE OF A DUCTED ROCKET	1945

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630043655	THEORETICAL INVESTIGATIONS OF THE FLOW AROUND VARIOUS BODIES IN THE SONIC REGION OF VELOCITIES	1945
19630043683	SOME GENERAL CALCULATIONS ON THE LAYOUT OF TAILLESS AIRCRAFT	1945
19630044262	THE EFFECTIVE STRESS CONCENTRATION AT THE END OF A CRACK IN MATERIALS HAVING ATOMIC CONSTITUTION	1945
19630044416	POWER ECONOMY IN HIGH-SPEED WIND TUNNELS BY CHOICE OF WORKING FLUID AND TEMPERATURE	1945
19630044514	MATERIALS FOR GAS TURBINES OPERATING AT 1500 DEG F TEST B-3254	1945
19630044970	ROLLING MOMENT DUE TO SIDESLIP. PART I- THE EFFECT OF DIHEDRAL	1945
19650079029	An analysis of wind tunnel data on the "westland-irving" type of balance	1945
19650081630	Note on the buckling of curved plates under axial compression	1945
19660088888	Human tolerance for short exposures to heat	1945
19660088947	Note on exhaust actuated air ejector design	1945
19660090815	Explosion risks in aircraft fuel tanks at temperatures below the flash point of the fuel. part 2 - further tests on pool burning oil, gas oil, and an experimental "safety fuel"	1945
19690090627	Stability of a steady plane shock	1945
19740073662	British research on heat-resisting alloys. Section 4: Reports from industrial sources	1945
19740081609	British research on heat-resisting alloys. Section 1: Minutes of meetings of the High Temperature Materials Research Committee	1945
19760073118	Notes on German aerodynamic information	1945
19760082012	Low altitude spray	1945
19780078204	Interrogation of Prof. Schlichting on Laminar-flow Wings Development in Germany, Luftfahrtforschungsanstalt, (C.I.O.S, Target No. 25/71)	1945
19780083459	British research on heat-resisting alloys. Section 2: Reports of the Metallurgy Division, National Physical Laboratory Ministry of Aircraft Production	1945
19780083460	British research on heat-resisting alloys. Section 3: Reports of the Engineering Department, National Physical Laboratory, Ministry of Aircraft Production	1945
19780086595	On a simple method for measuring the distribution of the circulation along a wing of finite span	1945
19790085570	Investigation of the LEM ascent propulsion subsystem failure mode characterized by loss of more than 680 ft/sec of ascent delta V after approximately 245 seconds of powered descent	1945
19800079223	Calculations on tunnel corrections for closed and open working sections	1945
19880069126	On the Prandtl integro-differential equation	1945
19960022016	Rate of Reduction of Water by UBr3 and UCl3,	1945
19960023466	Organic Reagents for Uranium Analysis	1945
19960023485	Note on the Solubility of Uranium Tribromide in Fused Salts	1945
19960024083	The Flow Properties of Plastics	1945
20020016859	Immunochemical Research on Anthrax Bacterid. IV. Quantitative Study of Precipitations Seen with Certain Extracts of Bacillus Anthracis and a Horse Anti-Anthrax Serum (*)1	1945
20070017200	Chemistry Division - Lubrication Section	1945
20070023829	Development of Broad Band Communication Antennas RSD-X10 and RSD-10	1945
20070023832	Type Approval Test of AN/ARR-16B Radio Sono Buoy Receiver	1945
20070023845	An Examination of Toxic Agents for Fungicidal Coating Materials - III	1945
20070025387	Second Report on the Anodic Behavior of Zinc Alloys used to Protect Steel in Sea Water	1945
20070025388	A Jamming Transmitter of MAS Type for the Range 60 to 100 MC	1945
20070025390	Scale Model Test of High-Temperature High-Pressure Steam Piping DD692 Class Vessel	1945
20070027225	The Substitution of Chlorinated Synthetic Rubber for Chlorinated Rubber in the Formulation of Anti-Fouling Paints	1945
20070027226	Report on Weldability of Reynolds R301T Wrought Aluminum Alloy	1945
20070027237	Tests of Sleeve and Whip Antennas Aboard LST-998	1945
20070028305	A Humidity Vessel for the Laboratory Evaluation of Electrical Components	1945
20070028307	Bend Testing at Ballistic Speeds. Secon dPartial Report: Tests of Magnesium Alloys and of 24ST Aluminum	1945
20070028389	A-J Video Filters for the Radar Mark 12 Receiver	1945
20070029675	A Method for Calculating Electric Field Strength in the Interference Region	1945
20070033432	Progress in the Study of the Thermal Insulation and Corrosion Protection of Rangefinders	1945
20070037726	Investigation of Silicone Polymer Fluids - Part 5, Performance as Hydraulic Fluids in Piston Pumps	1945
20070038575	Test of Replacement of PDI by I-101 Localizer Glide Path Instrument	1945
20080002055	A Constant Time Interval Reference Potential Indicators as Applied to R-C Coupled Amplifiers	1945
20080002457	S- and X-Band Propagation in Low Ocean Ducts	1945
20080002459	First Partial Report on Nylon Cloth Laminates for Light Armor	1945
20080002464	Comparative Operational Tests of Radar Systems Mark 33, SO-12M, SO-7M, Using Various Surface and Aircraft Targets	1945
20080002465	Accuracy of Range Tracking Through Window Aided by Modulation With the Radar Mark 12	1945
20080002466	Vee Corner Absorbers	1945

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20080046509	Development of an Experimental Radar Countermeasures Transmitter Employing the L600N Triode as Oscillator, 260 - 1000 Megacycles	1945
20080046538	Window Types for Naval Use in the Frequency Range 90 - 3000 MC	1945
20080046540	Radar Cross Section of Ship Targets, V	1945
20080046728	The Radar Jamming Effectiveness of Various Types of Noise Signals	1945
20080047163	A Comparison of Noise AM Jamming with "Dina" Noise Jamming	1945
20090003336	Oxygen Source Materials: The Production of Potassium on a Pilot Plant Scale by a Combination Reduction-Distillation Reaction Between Sodium and Molten Potassium Salts	1945
20090003681	Investigation of Silicone Polymer Fluids. Part 3. Performance as Hydraulic Fluids in Gear Pumps	1945
20090003683	Test of Jamming Transmitter Using L600N Tube in the Range of 200 to 1000 Megacycles	1945
20090003685	Failure of Electronic Equipment Under Tropical Service Conditions	1945
20090003694	Impedance Measurements and Radiation Patterns on a TDY/RDO Antenna System	1945
20090003696	Development of a High Power Wide Band Noise Modulator	1945
20090003698	Test of a Magnetron Transmitter for Jamming in the Range of 80 to 380 Megacycles	1945
20090003728	The Dependence of the Effectiveness of Clipped-Noise Jamming on the Radar Receiver Bandwidth	1945
20090003733	Report on Investigation of Silicone Polymer Fluids. Part 4. Some Performance Characteristics in a Unilaterally Loaded Journal Bearing	1945
20090004138	Anti-Rust Additives for Lubricating, Power Transmission and Protective Oils	1945
20090004143	Preliminary Report on S- and X-Band Propagation in Low Ducts Formed in Oceanic Air	1945
20090005121	SK-2 Performance Test	1945
20100025463	Developments in Radar Homing Missiles for the Period March 1, 1944 to May 1, 1945. Section 1 of 4	1945
20100026636	Probability Calculations on Chaff Clouds, Protecting against MC 382 Fuzes	1945
20100026637	The Problem of Countermeasures against MC 382 Proximity Fuzes	1945
20100026771	Modification Kit for AS-69/APT (M-2202) Antenna for Operation in the 450-500 Mc Band	1945
20100026776	Instantaneous Direction-Finding System JUDY	1945
20100028328	Survey of Investigations on New Propellants for Rockets and Other Jet Propulsion Devices	1945
20100029792	The Relation between Absorption and the Frequency Dependence of Refraction	1945
20100031875	Analysis of Triggering on Remote Control Sights and its Relation to Accuracy in Tracking and Framing	1945
20100032930	Airborne Rockets	1945
20100032957	Remarks on the Mathematical Theory of Detonation and Deflagration Waves in Gases (Supplement to the Manual on Supersonic Flow and Shock Waves)	1945
20110001588	The Portable Ship Detector (PSD)	1945
20120002718	Investigation of Stability and Control Characteristics of a 1/2-Scale Model of an NACA Configuration for Guided Missiles (MX-570) in the Langley Free-Flight Tunnel, I-Three-Fin Arrangement	1945
20120003204	Results of First Flight Test of MX-570 Tiamat	1945
20120003239	Investigation of Stability and Control Characteristics of a 1/2-Scale Model of an NACA Configuration for Guided Missiles (MX-570) in the Langley Free-Flight Tunnel, II-Four-Fin Arrangement	1945
20120008276	Note on Valveless Aero- and Hydro-Pulse Motors	1945
20120008316	Theoretical Studies Concerning the Hydropulse (Ideal Mechanical Performance Characteristics)	1945
20120008317	Proposed Use of Rocket to Facilitate Certain Steps in the Operation of JB-2	1945
20120009545	MK25 Torpedo Exhaust Gas Investigation	1945
20120009577	Development of the High Speed Water Tunnel and Summary of Results	1945
20120009743	An Electronic Modulator for CW Magnetrons	1945
20120009759	Development of the M69X Incendiary Bomb	1945
20120009771	The Aperiodic Firing Error Indicator	1945
20120010128	Use of J/S Ratio in RF Pulse Jamming Tests and Results of Vulnerability Studies of an ARB Receiver Using the Goodyear Limiter	1945
20120010184	Current Progress Report of the Radome Section Radiation Laboratory	1945
20120010203	Aerial Camera Motions	1945
20120010204	Design Charts for Synthesis of Two-Element Broad-Band Matching Sections	1945
20120011033	Design Charts for Synthesis of Two-Element Broad-Band Matching Sections	1945
20120011053	Aerial Camera Motions	1945
20120011056	Current Progress Report of the Radome Section Radiation Laboratory	1945
20120011092	Use of J/S Ratio in RF Pulse Jamming Tests and Results of Vulnerability Studies of an ARB Receiver Using the Goodyear Limiter	1945
20120012041	AN/APT-T1 Training Equipment	1945
20120012451	The Rasp Rocket Sight Model 3	1945
20120012462	Copper Ball Crusher Gages	1945
20120012464	U-1101 Signal Generator	1945
20120012465	Decay in Efficiency in the 5J29 Magnetron	1945
20120012474	K-Band Magnetron	1945
20120012479	AN/APG-15 Modification Kit for AN/APG-TI Training Equipment	1945
20120012483	Tests of a Voice Operated Relay For Use in F7F Airplane	1945
20120013001	Development of Protective Ointments	1945
20120013053	The Preparation of Miscellaneous Chemical Warfare Agents	1945

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20120013056	Airborne Odograph Operation and Compensation	1945
20130013973	NACA Facilities for Aerodynamic Research	1945
20130014545	Relaxation Calculations of the Effects of Compressibility on the Two-Dimensional Wind-Tunnel Construction Correction for Subsonic Flows	1945
20130014635	Application of a Coupled Nose Flap for Tail Surfaces	1945
20130014771	High-Speed Wind Tunnel Investigation of Spoilers for Lateral Control on the NACA 65(1)-210 Airfoil	1945
20130014797	Tests in the Langley 19-Foot Pressure Tunnel of Two Wings of NACA 65(1)-210 Airfoil Sections, with 0 deg and 2 deg Washout, Taper-Ratio 2.5, and Aspect Ratio 9	1945
20130014870	A Summary of the Effects of Blade Twist on Helicopter Performance TED NACA 1301	1945
20130014918	High-Speed Characteristics of a Model NACA 65-212 Wing of Aspect Ratio 9	1945
20130014920	High-speed Wind-tunnel Test of an NACA 16-009 Airfoil Having a 33-percent-chord Flap with an Overhang 21 Percent of the Flap Chord	1945
20140000005	Loads on the Tail of a 3/16-scale Model of the Douglas XSB2D-1 Airplane as Determined from High-Speed Wind-Tunnel Tests	1945
20140000056	Measurements in Flight of the Flying Qualities of a Douglas XBT2D-1 Airplane (No. 09085)	1945
20140000062	High-Speed Wind-Tunnel Tests of Elevators and Rudders on a 1/11-scale Model of the XB-36 Airplane	1945
20140000124	Wind-Tunnel Tests of the 1/16-scale Powered Model of the Grumman F6F-3 Airplane I- Longitudinal Stability and Control	1945
20140000125	Wind-Tunnel Tests of the 1/6-scale Powered Model of the Grumman F6F-3 Airplane	1945
20140000126	Wind-Tunnel Tests of the 1/6-scale Powered Model of the Grumman F6F-3 Airplane III - Lateral Stability and Control	1945
20140000157	Effect of Fabric Deflection on Rudder Hinge-Moment Characteristics as Determined by Wind-Tunnel Tests	1945
20140000158	Aerodynamic Force Characteristics at High Speeds of a Full-scale Horizontal Tail Surface of the MX-578 Airplane Tested in the Langley 16-foot High-speed Tunnel	1945
20140000826	Methods of Reducing Failures in the Exhaust Port of the Wright R-3350 Cylinder	1945
20140000828	Investigation of the Mixture Distribution of the Wright R-3350-21 Engine and its Effect on Cylinder-Head Temperatures	1945
20140000864	The Effect of a Change in Compression Ratio from 6.65 to 6.0 on the Performance of an Allison V-1710-99 Engine	1945
20140000866	Description of a Skinner Two-Stroke-Cycle Spark-Ignition Slide-Valve Engine and Results of Initial Test	1945
20140000867	Flight and Test-Stand Investigation of High-Performance Fuels in Pratt and Whitney R-1830-90C and R-1830-94 Engines	1945
20140000868	A Study of Preignition as a Cause of Backfiring in an Allison V-170-99 Engine	1945
20140001144	Determination of Drag of Man-Carrying Parachutes in the Ames 40- by 80- Foot Wind Tunnel	1945
20140001495	Cooling Characteristics of the Allison V-1710-81 Engine	1945
20140001496	Cooling Characteristics of the Allison V-1710-81 Engine	1945
20140001498	Tests of an Aftercooler for the Allison V-1710 Engine for Use in the P-63 Airplane	1945
20140001499	Estimated Altitude Performance of the Two-scale Allison V-1710 Engine with NACA Aftercoolers for the P-63 Airplane	1945
20140002027	Measurement of Piston-Ring Radial-Pressure Distribution	1945
20140002028	Flight-Cooling Tests of the R-2600-22 Engine Installed in the PBM-3D Airplane	1945
20140002029	Metering Characteristics of a Ceco 1900 CPB-3 Carburetor	1945
20150000692	Visibility of Targets	1945
20150002016	A Navigational Radar for Naval Auxiliaries and Merchant Marine	1945
20150002018	Range-Altitude Coverages of Shipborne Microwave Search Radars	1945
20150011139	The Effect of Diffuser Position on the Temperature Distribution of a Wright R-3350-37 Engine	1945
20150011140	Reduction of Allison V-1710 Engine Main-Bearing Loads by Improved Counterbalancing	1945
20150011144	The Effect of Auxiliary Fuel Injection on the Cooling and Operating Economy of the Wright R-3350 Engine	1945
20150011151	Metering Characteristics of a Ceco 58 CPB-4 Carburetor	1945
20150011157	Design and Tests of a Low-Velocity Intake Manifold with Backfire Screen and Aftercooler for the Allison V-1710 Engine	1945
20150011158	Improved Carburetion from a Modified Ceco 58 CPB-4 Carburetor and its Effect on the Performance of a Wright R-3350 Engine, Part I - Fuel Distribution	1945
20150011170	Climb and High-Speed Tests of a Hamilton Standard No. 6507A-2 Four-Blade Propeller on the Republic P-47C Airplane	1945
20150011176	Status of Development of Sandwich Materials for Aircraft: Supplement I	1945
20150011191	Corrosion and Wear of Cylinder Assemblies Resulting from Multicylinder Engine Operation at Fuel-Air Ratios Leaner than the Stoichiometric Mixture and at Cruise-Power Conditions	1945
20150011193	Comparison of Aeronautical Symbols Used in Different Countries	1945
20150011205	Comparison of Performance of an Allison V-1710-81 Engine Equipped with 14- and 18-Millimeter Spark-Plug Cylinder Blocks	1945
20150011291	Investigation of Two-Blade Propellers at High Forward Speeds in the NACA 8-Foot High-Speed Tunnel III - Effects of Camber and Compressibility	1945
20150011292	Preliminary Tests at Transonic Speeds of a Model of a Constant-Chord Wing with a Sweepback of 45 Degrees and an NACA 65(112)-210, A=1.0 Airfoil Section	1945

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150011308	The Calculated Performance of a Jet Propulsion Device with a Regenerator System PCETXJ	1945
20150011309	The Calculated Performance of a Jet Propulsion Device: Systems CHT, PCHTJ, CchtJ, CHTX	1945
20150011310	High-Speed Wind-Tunnel Tests of Dive-Recovery Flaps on a 0.3-Scale Model of the P-47D Airplane	1945
20150011311	High-Speed Wind-Tunnel Tests of a 0.3-Scale Model of the P-47D Airplane	1945
20150011336	Some Effects of Compressibility on the Flow Through Fans and Turbines	1945
20150011342	Study of Compression Panel, Supported on Four Edges, Formed of Corrugated Sheet with Flat Skin on Both Sides	1945
20150011394	Comparative Drag Measurements at Transonic Speeds of Rectangular and Swept-Back NACA 65(1)-009 Airfoils Mounted on a Freely Falling Body	1945
20150011403	A Study of the Losses in a Steady-Flow Combustion Chamber	1945
20150012597	Lead-Oxide Corrosion Tests on Nine Heat-Resisting Alloys	1945
20150012714	Quaternary Salts of N-Alkylcarbamates of Aminophenols (Prostigmimine Analogs)	1945
20150013873	Two-Dimensional Wind-Tunnel Investigation of an Airfoil-Flap Model of a Wing Section for the Hughes XF-11 Airplane	1945
20150013880	Aileron Development for the XP-75 Airplane from Two-Dimensional-Flow Tests	1945
20150013881	Summary Report on the High-Speed Characteristics of Six Model Wings Having NACA 65(sub 1)-Series Sections	1945
20150013900	Progress Report from Hydrocarbon Fuel Research Laboratory	1945
20150013940	Test of a Model of a Flying-Boat Hull Incorporating the Pigeon-Snadecki Type Longitudinal Steps - NACA Model 162	1945
20150014005	Impact Destruction Test of SC-1 Auxiliary Float	1945
20150014031	Pressure-Distribution Data for Use in the Design of Propeller Anti-Icing Tip Nozzles for the XB-36 Airplane	1945
20150014055	The Spot Welding of Ten Aluminum Alloys in the 0.040-inch Gage	1945
20150014056	The Spot-Welding of Multiple Thicknesses of 0.040-Inch Alclad 24S-T	1945
20150014076	Failure of the Westinghouse Six-Stage Axial-Flow Compressor Model 9.5A	1945
20150014088	A Confidential Index of Aircraft Materials Research Projects - Supplement to Section 1	1945
20150014090	Index of NACA Reports on Aerodynamics	1945
20150014310	Thrust-Augmentation Tests of Type I-16 Jet-Propulsion Engine by Bleedoff and Water and Alcohol Injection	1945
20150014395	Compressor Design for BMW 018 Jet Power Plant II - Design	1945
20150014629	Flight Tests to Determine the Effectiveness of Fluid-Spray Systems in Removing Ice Formations in the C-46 Airplane Engine Induction System	1945
20150014678	Wind-Tunnel Calibration Tests of the Production Model of the Pioneer Electric Trailing Pitot-Static-Tube Airspeed-Indicator Assembly	1945
20150015003	Flight Tests of an Electric Humidity Instrument	1945
20150015603	A Restricted Index of Aircraft Materials Research Projects, Second Edition	1945
20150015604	A Restricted Index of Aircraft Materials Research Reports on Project Sponsored by Government Agencies	1945
20150015617	Summary of Replies to Questionnaire on Research Needed for Protection of Aircraft Against Icing	1945
20150015679	Aerodynamic Characteristics of Tapered Wings	1945
20150015721	Statement for Special Committee Investigating the National Defense Program	1945
20150015729	Material Presented as a Seminar on High Speed Aerodynamics at Wright Field on September 6, 1945	1945
20150015750	Wind-Tunnel Tests of the 1/6-Scale Powered Model of the Grumman F6F-3 Airplane IV - Estimated Flying Qualities (Including a Comparison with Available Flying Tests Results)	1945
20150015751	Investigation of the Duct Systems on a 3/4-Scale Model of the XP-69 Airplane in the Langley Full-Scale Tunnel	1945
20150015758	Wind-Tunnel Tests of the 1/6-Scale Powered Model of the Grumman F6F-3 Airplane IV - Estimated Flying Qualities (Including a Comparison with Available Flight Test Results)	1945
20150015790	Special Committee Investigating the National Defense Program	1945
20150015908	Clean-Up Tests of the Bell YP-59A Airplane in the Langley Full-Scale Tunnel	1945
20150016153	A Restricted Index of Aircraft Materials Research Projects, Second Edition	1945
20150016646	An Index of Heat Resistant Aircraft Materials Research Projects Sponsored by Government Agencies and a List of Heat Resistant Materials Research Projects	1945
20150016647	An Index of Heat Resisting Materials Research Information	1945
20150016648	A Restricted Index of Aircraft Materials Research Reports on Projects Sponsored By Government Agencies 1942-1945	1945
20150016649	Bibliography and Review of Technical Information Relating to Design of High-Speed Aircraft	1945
20150016673	Wind-Tunnel Tests on Radio Antenna AN-104-A and Three Experimental Models	1945
20150016685	Wind-Tunnel Tests of the Koppers Aeromatic Impeller-Generator Combination	1945
20150016689	Wind-Tunnel Tests of Fixed-Pitch Wind-Driven Impellers	1945
20150016693	Wind Tunnel Tests on the MK-19 Radar Antenna for Navy MK-63 Gunfire Control system	1945
20150016718	High-Speed Wind-Tunnel Tests of an NACA 0009-64 Airfoil Having a 33-Percent-Chord Flap with an Overhang 20 Percent of the Flap Chord	1945
20150016941	An Investigation of a Thermal Ice-Prevention System for a C-46 Cargo Airplane - V - Effect of Thermal System on Airplane Cruise Performance	1945
20150017561	Effect of High-Power Operation at Lean Mixture on the Mechanical Condition of Cylinder Components as Shown in Tests of Pratt and Whitney R-2800 Cylinders at Three Power Levels and Two Fuel-Air Ratios	1945

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017565	Summary Report of the Effect of Mixture Temperature on the Knock-Limited Performance of an Allison V-1710 Cylinder at Several Engine Conditions	1945
20150017872	Preliminary Development and Performance Tests of a 20-Inch Steady-Flow Ram Jet	1945
20150017873	Modification of Exhaust Passage for Exhaust Jet-Propulsion System	1945
20150017914	Fuel Tests on a General Electric I-16 Jet-Propulsion Engine at Static Sea-Level Conditions	1945
20150017930	The Calculated Performance of a Jet Propulsion Device Systems CHT, POHTJ, CchtJ, OHTX	1945
20150017941	The Composition and Purification of Commercial Cyclopentane I - The Ternary System Cyclopentane-Neohexane-Aniline	1945
20150017954	The Field of a Rapidly Moving Sound Source	1945
20150017957	F-3 and F-4 Performance Ratings of Blends Showing the Antiknock Effectiveness of Methyl tert-Butyl Ether	1945
20150017959	Flight Tests of an Exhaust-Gas-To-Air Heat Exchanger and Reduction of the Test Data to Standard Conditions	1945
20150017962	A Spectrophotometric Method for Identification and Estimation of Alkyl-naphthalenic-Type Hydrocarbons in Kerosene	1945
20150017976	Simulated-Flight Tests on Titeflex Resistite Ignition Cable	1945
20150018830	Wind-Tunnel Investigation of Aileron Flutter at Transonic Speeds of the Lockheed YP-80A Airplane	1945
20150018954	Preliminary Tests of Several Airfoil Models in the Transonic Speed Range	1945
20150018955	Preliminary Tests at Transonic Speeds of a Model of a Constant-Chord Wing with a Sweepback of 45deg and an NACA 65(112)-210, a = 1.0 Airfoil Section	1945
20150018957	Tests at Transonic Speeds of the Effectiveness of a Swept-Back Trailing-Edge Flap on an Airfoil Having Parallel Flat Surfaces, Extreme Sweepback, and Low Aspect Ratio	1945
20150018961	Wind-Tunnel Tests of a 1/5-Scale Powered Model of the Grumman XF8F-1 Airplane	1945
20150019306	Wind-Tunnel Tests of Parabolically Shaped Cup Anemometers with Various Arm Lengths	1945
20150019401	Efficiency Tests of a General Electric Type B-2 Turbine with Air as the Driving Fluid	1945
20150019546	Action of the FM-2 Landing Gear at the Folding Hinge Point During Landing	1945
20150019566	Wind-Tunnel Tests of Parabolically Shaped Cup Anemometers	1945
20150019578	Wind-Tunnel Tests of a Variable-Pitch Wind-Driven Impeller	1945
20150019844	Effects of Mach Number on the Spanwise Load Distribution and Aerodynamic Characteristics of the Wing of the McDonnell XFD-1 Airplane Predicted from Wind-Tunnel Tests (TED No. 2310)	1945
20150019846	Free-Spinning-Tunnel Tests of a 1/20-Scale Model of the Douglas BTD-1 Airplane TED No. NACA 2327	1945
20150019958	Flight Measurements of the Directional Stability and Control of a P-51D-5-NA Airplane (AAF No. 44-13257) with a High-Aspect-Ratio Vertical Tail	1945
20150019962	Preignition-Limited Performance of Several Fuels	1945
20150019985	High-Speed Wind-Tunnel Tests of Dive-Recovery Flaps of a 0.3-Scale Model of the P-47D Airplane	1945
20150019993	Control Forces and Spin-Recovery Characteristics of the Douglas P-70 Airplane as Determined from Model Tests	1945
20150019994	Partial Correlation of Model and Full-Scale Ditching Performance of the B-24D Airplane	1945
20150020393	Activities of the Committee on Materials Research Coordination	1945
20150021125	High Speed Radiographic Studies of Controlled Fragmentation. 6. The Particle Motion of the Detonation Wave and Rarefaction Wave in a Solid Explosive	1945
20150021147	Description of Messerschmitt M. E. 110 Heated Pressure Head for Air-Speed Indicators	1945
20150021240	Notes on Interview with Dr. Hermann at Kochel	1945
20150021811	The Calculated Performance of a Jet Propulsion Device Systems CHT, PCHTJ, CchtJ, CHTX	1945
20150021921	Heat Transfer Tests of 4-Methyl-4-Heptanol	1945
20150021927	Investigation of Gas Turbine Cooling	1945
20160000274	40- by 80-Foot Wind Tunnel of the National Advisory Committee for Aeronautics	1945
20160010821	Developments in Radar Homing Missiles for the Period March 1, 1944 to May 1, 1945. Section 4 of 4	1945
20160010823	Antenna Catalogue	1945
20160010825	Surface Coverage of Some Shipborne Radar Sets on S, X, and K Bands	1945
20160010826	Measurements and Wave Forms Obtained with SCR-598 Modulator	1945
20170001044	Tests for Decontamination of Mustard and Nitrogen Mustards on Human Skin	1945
19630038060	LIQUID PROPELLANTS FOR ROCKETS	1946
19630044962	AN EXPERIMENT ON RIFLE AIMING	1946
19650077722	[No Title]	1946
19650080240	Performance of cascades of aerofoils at positive stagger	1946
19660082232	NACA - Industry Conference on Personal Aircraft Research	1946
19660088546	The role of vestibular nystagmus in the visual perception of a moving target in the dark	1946
19660088825	The concept of aviator's "vertigo"	1946
19660089665	Results on tests on various axially symmetrical radiator	1946
19660090022	Investigation of compressible flow at sonic speeds	1946
19680085242	Luminosity-time results on experimental photoflash bombs m46, t9, t9e1, t9e2 and t9e3	1946
19680086004	Internal vibrations excited in the operation of personnel emergency escape catapults	1946
19680086953	The autokinetic illusion /a study of factors in the light source/	1946
19680092555	Drag coefficients for the a4vip as affected by the jet and friction of sub and supersonic speeds - measurement of the jet expansion	1946

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089578	On the influence of sinks on the lift and pressure distribution of airfoils with suction slots	1946
19690091144	The prevention of aileron oscillations at transonic airspeeds	1946
19690093320	Methods of operations research	1946
19710075085	Structural design considerations in the design of a supersonic airplane	1946
19750080125	The accuracy of calculations based on vortex lattice theory (U)	1946
19780078531	Effects of specific types of surface roughness on boundary-layer transition	1946
19780078576	Flight investigation at high speeds of profile drag of wing of a P-47D airplane having production surfaces covered with camouflage paint	1946
19900070214	Problems of high speed flight	1946
19930084306	Altitude Cooling Investigation of the R-2800-21 Engine in the P-47G Airplane II : Investigation of the Engine & Airplane Variables Affecting the Cylinder Temperature Distribution	1946
19930084348	Altitude Cooling Investigation of the R-2800-21 Engine in the P-47G Airplane III : Individual-cylinder Temperature Reduction by Means of Intake-pipe Throttle and by Coolant Injection	1946
19930085549	Wind-tunnel tests of a 1/4-scale model of the bell XS-1 transonic airplane (Army project MX-653) II : lateral and directional stability and control	1946
19930085616	Resume of wind-tunnel data on the effect of external stores on stability of models of military airplanes	1946
19930085689	Investigation of the General Electric I-40 jet-propulsion engine in the Cleveland altitude wind tunnel III : analysis of turbine performance and effect of tail-pipe design on engine performance	1946
19930085704	Investigation of the General Electric I-40 jet-propulsion engine in the Cleveland altitude wind tunnel II : analysis of compressor performance characteristics	1946
19930086726	Flight and test-stand investigation of high-performance fuels in Pratt & Whitney R-1830-94 engines IV : comparison of cooling characteristics of flight and test-stand engines	1946
19930092789	Two-Dimensional Wind-Tunnel Investigation of Two NACA Low-Drag Airfoil Sections Equipped with Slotted Flaps and a Plain NACA Low-Drag Airfoil Section for Xf6u-I Airplane	1946
19930092800	Wind-Tunnel Investigation of an NACA 66-Series 16-Percent-Thick Low-Drag Tapered Wing with Fowler and Split Flaps	1946
19930092868	The High-speed Characteristics of Several Flaps and Spoilers on the Upper Surface of the Horizontal Stabilizer of a Model of a Radial-Engine Pursuit Airplane	1946
19930093224	Tests of the Jet-motor Air-intake Duct System on a 1/4-scale Stub-wing Model of a Pursuit-type Airplane	1946
19930093244	Aerodynamics of the Carburetor Air Scoop and the Engine Cowling of a Single-engine Torpedo-bomber-type Airplane	1946
19930093709	Investigations on Laminar Boundary-layer Stability and Transition on Curved Boundaries	1946
19960024848	Geiger Counter Technique for X-Ray Diffraction: Particle Size Determination from Small Angle Scattering	1946
20030068870	Materials Presented at the NACA Conference on Supersonic Aerodynamics at Ames Aeronautical Laboratory on June 4, 1946	1946
20030068871	Triangular and Swept-Back Wing Data	1946
20030068872	Internal Aerodynamics of Ram Jets	1946
20030068873	Subsonic Aerodynamic Characteristics of Airfoils Suitable For Supersonic Flight	1946
20030068874	Theory and Experiments on Supersonic Inlets and Diffusers	1946
20030068875	The Supersonic Axial-Flow Compressor	1946
20030068876	Aerodynamic Data Through A Mach Number of 1.0 -- Part III . Wing-Flow Technique	1946
20030068877	Three-Dimensional Supersonic-Wing Theory	1946
20030068878	Aerodynamic Data Through A Mach Number of 1.0 -- Part I. Falling-Body Techniques	1946
20030068879	Aerodynamic Data Through A Mach Number of 1.0 -- Part II. Rocket-Powered Models	1946
20030068880	Wing-Body Interaction and Scale Effect at Supersonic Speeds	1946
20050019641	Free-Spinning Tunnel Tests of a 1/25-Scale Model of the North American XfJ-1 Airplane, TED No. NACA 2400	1946
20070023846	Some Observations on the Weldability of High Strength Wrought Aluminum Alloys	1946
20070025389	A Summary of Progress in Developing Non-Flammable Hydraulic Fluids for Use in Aircraft	1946
20070026881	Servo Amplifier for the 25 Watt and 50 Watt Low Inertia Diehl Servo Motor	1946
20070027238	Test Set TS-148/UP Spectrum Analyzer	1946
20070033455	Thermal Evaluation of Formvar Resin	1946
20080046515	Investigation Leading to the Determination of Satisfactory Voltage Regulator and Generator Combinations	1946
20080046544	Micro-Radiography Manual	1946
20080046545	Determination of Safe Creepage Distances for Electrical Equipment at High Altitudes	1946
20080046546	Test of Model CXKB-1 (FRG) Frequency Shift Receiver Converter Equipment	1946
20080046547	Anti-Corrosive Coatings for Magnesium I - Salt Spray Resistance	1946
20080046679	The Sensitivity, Frequency Response and Noise of Photothermal Detectors, CJU Serial No. 6 and Serial No. 7	1946
20080046681	Study of the Electrical System in a Naval Aircraft - TBM-1C	1946
20080046682	Mechanical Shock Characteristics of High Impact Machines for Electronic Devices (Taft-Peirce Manufacture)	1946
20080046687	The Mathematics of the Location of Mortar Sites by Radar	1946
20080046688	A System for Obtaining Two Color Presentations on Cathode-Ray Tubes Having P-7 or P-14 Screens	1946
20080047038	An Artificial Means of Improving the Azimuth Discrimination of IFF Systems	1946

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20080047039	A Lobing Mark 32 Array for Fire Control Radars Mark 28 MOD 0 and MOD 3	1946
20080047147	Development of "R" Sweep for SC-1, 2, 3 and SK Radar Indicators	1946
20080047148	Development and Design of a Laboratory Machine for the Continuous Production of Grease	1946
20080047160	Factors Affecting Choice of Operating Frequency for Distance Measuring Equipment	1946
20080048243	Test of Model (RDH) Panoramic Search Equipment	1946
20090003338	Storage Deterioration of Model RCH Receiver	1946
20090003931	Rubber Compounds Used in Shock Mounting Development of a Fire Alarm Thermostat	1946
20090004079	Radar Cross Section of Ship Targets, V8	1946
20090004080	Causes for Frequency Instability in the Type 1605 Resonant Cavities	1946
20090004114	Composite Armor Plate (1/2 Inch Thick)	1946
20090004115	Tests of Model FRA Frequency Shift Receiver Converter Equipment	1946
20090004116	Measurement of Betatron Radiation With Geiger-Mueller Counters	1946
20090004132	Gas Pulsator	1946
20090004134	Investigation of Model RDZ Radio Receiver Crystal Oscillator Circuits to Provide Increased Oscillator Activity and to Maintain Frequency Correction With Type CR-7 Production Crystals	1946
20090005120	Standard Test Procedures for A. J. Receivers	1946
20090025289	Investigation of the I-40 Jet-Propulsion Engine in the Cleveland Altitude Wind Tunnel. IV - Analysis of Combustion-Chamber Performance	1946
20090026540	Flying Qualities of the Curtiss XF15X-1 Airplane with a T-Tail as Estimated from Wind-Tunnel Tests of a 01.14-Scale Model	1946
20100011251	Performance Charts for a Jet-Propulsion System Consisting of Compressor, a Combustion Chamber, and a Turbine	1946
20100025455	Processing of Rocket Propellants. A Treatise Restricted to Propellants Prepared by Dry Extrusion from Double-Base Stock	1946
20100026548	AN/APG-13B Vulture Rocket Computer	1946
20100026557	Pilot Plant Preparation of Dispersible W	1946
20100028250	Supersonic Delay Lines	1946
20100039237	Butterfly Moving Vehicle Detector AN/APS-26	1946
20120002610	Launching Technique for Two-Stage Missiles As Developed in Tests of MX-570	1946
20120003236	Correlation of the Computed Rolling Motion of the MX-570 (Tiamat-Model B) Guided Missile with that Obtained in Flight	1946
20120003237	Results of Flights Tests of MX-570 (Model B-Four-Wing Tiamat)	1946
20120008083	Summary Technical Report of the National Defense Research Committee. Volume 2A. Communication Research	1946
20120008296	The Angular Alignment of Radar Antennas	1946
20120013185	Dynamic Characteristics of MX-570 (Model B) Autopilot as Determined from Oscillating Table Tests	1946
20130014668	The Critical and Divergence Mach Numbers of Swept Airfoils	1946
20140000004	The Effects of Compressibility on the Aerodynamic Characteristics of an Airfoil Having a 0.294-chord Internally Balanced Flap	1946
20140000007	Effects of Mach Number on the Span Load Distribution of a 0.3-scale Model of the Republic P-47D Airplane	1946
20140000008	Effects of Mach Number on the Span Load Distribution of a 1/3-scale Model of the North American XP-51 Airplane with Aileron Deflected	1946
20140000023	An Analysis of Airspeeds and MACH Numbers Attained by Lockheed Constellation Airplanes in Trans-Atlantic Operation during the Spring of 1946	1946
20140000120	Wind Tunnel Test of a 1/5-scale Powered Model of the Grumman XP8F-1 Airplane V-Estimated Flying Qualities TED No. NACA 2344	1946
20140000122	High-speed Tests of a Model of the North American XP-82 Airplane with Dive-Recovery Flaps	1946
20140001150	Cooling Characteristics of the Allison V-1710-81 Engine	1946
20140001916	Investigation of a Lead Treatment for Cylinder-bore Surfaces	1946
20140002030	Metering Characteristics of a Bendix-Stromberg PT-13G1 Injection Carburetor	1946
20140002031	An Investigation of Metering Characteristics of Bendix-Stromberg PD-12F8 Carburetor	1946
20150001028	A Displacement or Velocity Servo Amplifier	1946
20150002015	Interference Measurements on the AN/APS-30 Series	1946
20150002017	Off-Frequency C-W Jamming	1946
20150002075	The Antenna for Radar Mark 35	1946
20150011145	Effect of NACA and Bell Standard Inlet Elbows on Performance of Auxiliary-Stage Supercharger with Parabolic Guide Vanes for Allison V-1710 Engine	1946
20150011147	Comparison of the Sea-Level and Altitude Performance of the Auxiliary-Stage Supercharger of the V-1710-93 Engine	1946
20150011159	An Investigation in the 40- by 80-Foot Wind Tunnel of Tip-Speed Effects on Propeller Characteristics in the Take-Off and Climbing Range I - Four-Blade Curtiss X836-1C2-24 Propeller	1946
20150011161	Effect of Modifications to Induction System on Altitude Performance of V-1710-93 Engine I - Effect of Increased Supercharging, Interstage Carburetor, Aftercooling, and Internal Coolant Injection	1946

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150011162	Comparison of Tests of a 4-Foot-Diameter Propeller in the Langley 8-Foot and 16-Foot High-Speed Tunnels	1946
20150011163	Effect of Shank Design on Propeller Performance at High Speeds	1946
20150011201	Ground Tests of Flame-Damping Shrouds on a Bell P-63 Airplane	1946
20150011204	Determination of Sensitivity of a Type C-1 Flame Detector to Engine Exhaust Gases	1946
20150011207	Nonmetallic Materials for Air-Craft Construction - A Survey of American Research	1946
20150011227	Special Investigation of the Development of the Schlieren Method for Studying Air Flow in Supercharger Passages	1946
20150011281	NACA Conference on Ram Jets: A Compilation of the Papers Presented by NACA Staff Members	1946
20150011313	The Effect of a Wing-Tip-Mounted Fuel Tank on the Aerodynamic Characteristics of a High-Speed Bomber Wing	1946
20150011314	An Investigation in the 40- By 80-Foot Wind Tunnel of Tip-Speed Effects on Propeller Characteristics in the Take-Off and Climbing Range I - Four-Blade Curtiss I836-1C2-24 Propeller	1946
20150011337	Investigations of Cone-Shaped Prevaporizing-Type Burners in Jet-Propulsion Power Plant	1946
20150011338	Combustion and Static-Thrust Investigations of a Jet-Propulsion Power Plant	1946
20150011344	High-Speed Wind-Tunnel Investigation of Dive-Recovery Flaps for Lift Control on the NACA 65-210 Airfoil	1946
20150011430	Internal and External Aerodynamics of Ducted Bodies at Supersonic Speeds	1946
20150013872	Aerodynamic Characteristics of Tapered Wings IV - Experimental Results Showing the Effects of Split Flaps on NACA 44-Series Airfoils with Taper Ratio 3.5 and Aspect Ratios of 8, 10, and 12	1946
20150014051	Convective Heating and Ventilation of Airplane Cabins	1946
20150014085	High-Temperature Coatings for Metallic Turbine Parts (And Other High-Temperature Uses)	1946
20150014373	Preliminary Study of Gunfire Smoke Accumulation on a Model of an Essex Class Aircraft Carrier	1946
20150014387	Tests of a 1/5-Scale Model of the Republic XP-84 Airplane (Army Project MX-578) in the Langley 300 MPH 7- by 10-Foot Tunnel	1946
20150014394	Preliminary Structural Design Calculations for Double Skin Fuel Tank for Ram Jet Missile	1946
20150014399	An Investigation of Aircraft Heaters XXXX - Summary of Unreported Work Conducted on Cabin Heater Projects	1946
20150014404	Problems Arising in the Stress Analysis of Swept-Back Wings	1946
20150014428	The Theoretical Lift and Drag of Cones at Supersonic Speeds	1946
20150014668	A Restricted Index of Aircraft Materials Research Projects	1946
20150015613	Investigation of the Effectiveness of Muter Model MA-33-24 Ice Indicator as an Induction-System Ice Warning Device	1946
20150015618	A Preliminary Investigation of the Icing Characteristics of the Chandler-Evans 58 CPB-4 Carburetor	1946
20150015629	Figures for the Report on High Speed	1946
20150015668	Velocity Distributions on Symmetrical Airfoils in Closed Tunnels by Conformal Mapping	1946
20150015697	Wind-Tunnel Tests of the 1/25-Scale Powered Model of the Martin JRM-1 Airplane	1946
20150015724	Report for United States Senate: Special Committee Investigating the National Defense Program	1946
20150015730	NACA Conference on Ram Jets - A Compilation of the Papers Presented by NACA Staff Members	1946
20150015734	Investigation in the Ames 40- by 50-Foot Wind Tunnel of a Wright R-1820 Engine Installed in a Ryan FR-1 Airplane	1946
20150015770	Effect of Velocity on Resistance of Metals to Plastic Deformation	1946
20150016672	A Pressure Transfer Device for Measuring Simultaneously Twenty-Four Pressures on Rotating Airfoils	1946
20150016690	Aerodynamic Forces and Moments on the AN/UPA-11 Antenna	1946
20150016716	Installation of Jet Power Units in Single Jet Fighters	1946
20150017079	Theory of Fatigue Strength in the Complex Stressed State	1946
20150017568	Investigation of a Lead Treatment for Cylinder-Bore Surfaces	1946
20150017580	Evaluation of Gust and Draft Velocities from Flights of P-61c Airplanes Within Thunderstorms I - June 29, 1946 to July 8, 1946	1946
20150017874	Jet Propulsion	1946
20150017893	Simulated Altitude Performance of Combustors for the Westinghouse 9.5 Jet Engine I - 9.5A Combustor	1946
20150017895	Altitude-Wind-Tunnel Tests of the General Electric TG-180 Jet-Propulsion Engine II - Operational Characteristics	1946
20150017896	Investigation of the General Electric I-40 Jet Propulsion Engine in the Cleveland Altitude Wind Tunnel	1946
20150017933	Altitude-Wind-Tunnel Tests of the General Electric TG-180 Jet-Propulsion Engine V - Analysis of Turbine Performance	1946
20150017940	Variation of A.S.T.M Distillation Characteristics with Composition for Several Combinations of High-Performance Fuels	1946
20150017952	Results of Machinability Tests of Some High Temperature Alloys	1946
20150017953	Development of Method for Determining Stress-Strain Curves in Shear of Sheet Metal	1946
20150017955	Newton and Fluid Mechanics	1946
20150017956	Total Drag of a Body of Fineness Ratio 12 and its Stabilizing Tail Surfaces Measured During Free Fall at Transonic Speeds	1946
20150017960	Aerodynamics of the Carburetor Air Scoop and the Engine Cowling of the XTB2D-1 Airplane	1946
20150017974	A Flight Investigation on the Effects of Air-Discharge Nozzles Located at the Tips of an Air-Heated Propeller on the Propulsive Efficiency of the Propeller	1946

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150019396	The Hydrodynamic Lubrication of Cyclically Loaded Bearings	1946
20150019411	Advisory Report on Suggested Research on Aluminum Alloys From Members of the Aircraft Industry	1946
20150019558	Effect of Shank Designs on Propeller Performance at High Speeds	1946
20150019983	Prediction of the Spin and Recovery Characteristics of the Douglas D-558 Airplane, Phase I Configuration -TED No. NACA 2399	1946
20150020128	A Dummy Log Transmitter for the OBJ Radar Trainer	1946
20150021815	Investigations of Cone-Shaped Prevaporizing-Type Burners in Jet-Propulsion Power Plant	1946
20150021820	Operating Temperatures of J33-5 Turbojet Engine Burner Liners and the Effect of Temperature Variation on Burner-Liner Service Life	1946
20150021922	A Method of Selecting Rocket Thrust for Experimental Supersonic Airplanes	1946
20160000267	Report for United States Senate Special Committee Investigating the National Defense Program	1946
20160000268	Report for United States Senate: Special Committee Investigating the National Defense Program	1946
20160000270	Report for United States Senate Special Committee Investigating the National Defense Program	1946
20160000271	Progress in Research	1946
20160000825	Report for United States Senate: Special Committee Investigating the National Defense Program	1946
20160000848	Report for United States Senate: Special Committee Investigating the National Defense Program	1946
20160003559	Free-Spinning Tunnel Tests of a 1/20-Scale Model of the Republic XP-84 Airplane (Project MX-578)	1946
20160004736	Specific Characteristics Influencing Stay Time in Rocket Combustion Chambers	1946
20160010820	The RL270 Series of Precision Potentiometers	1946
20160010827	Slip-Ring Assembly for MK 56 Director	1946
20170004510	The Effectiveness of Explosives in Enclosed Spaces	1946
20170004511	The Order of Effectiveness of Explosives Blast	1946
19630041977	General Main-Spray Tests in the Displacement Speed Range of Three Flying-Boat Hull Models of Varing Length-Beam Ratio	1947
19630043718	ISENTROPIC CHANGES OF STATE IN DISSOCIATING GASES AND THE METHOD OF SOUND DISPERSION FOR THE INVESTIGATION OF HIGH-SPEED HOMOGENEOUS GAS REACTIONS	1947
19630044366	THE STRUCTURAL ASPECTS OF PROPELLER DESIGN	1947
19630044386	THE RAE 4 FT. X 3 FT. EXPERIMENTAL LOW TURBULENCE WIND TUNNEL, PART I	1947
19640053488	Basic research on rocket propellants. performance calculations of rena-aniline and three-component systems using hydrogen	1947
19640058593	Force and pressure measurements up to mach number 0.88 on a 10% thick modified n.a.c.a. 16 series propeller section	1947
19640058862	External sound levels of aircraft	1947
19640059293	Pressure distribution over a double wedge delta wing in supersonic flow at zero incidence	1947
19640059782	Note on cranked sweptback wings	1947
19640060321	The prediction of the physiological effects of warm and hot environments	1947
19650074708	General Information on Wind Tunnel Design	1947
19650078259	A note on the initial velocities of fragments from warheads	1947
19650080629	A dissertation on opacity submitted to the faculty of the division of the physical sciences in candidacy for the degree of doctor of philosophy - excerpt from	1947
19660089299	Wide tuning range oscillator and stale operation in frequency modulated equipment, phase ii fourth quarterly report	1947
19660089537	Vycor glass gamma ray dosimeters final report, appendix no. 20	1947
19670083829	A Simplified Theory of Porous Wall Cooling	1947
19670088294	Analytical investigation of the coanda effect	1947
19670095813	Carbon monoxide poisoning during the siege of leningrad /1941-1943/ otravleniya okis'yu ugleroda v osazhdennom leningrade 1941-1943	1947
19680073308	Investigation of High Lift and Stall Control Devices on an NACA 64-Series 42 Deg Sweptback Wing with and Without Fuselage	1947
19680085616	The prediction of the physiological effects of warm and hot environments	1947
19680086905	Thrust and fuel economy characteristics of potential ram jet fuels	1947
19680088279	Radiation characteristics of certain antenna systems for angle tracking	1947
19680090881	Scattering and attenuation of microwave radiation through rain	1947
19690089307	Boundary layer transition tests in flight by the chemical method Interim report	1947
19690093384	An acoustic target seeker and its application to supersonic fighter-borne rockets	1947
19780078524	Investigations on reductions of friction on wings, in particular by means of boundary layer suction	1947
19780078545	Systematic wind-tunnel measurements on a laminar wing with nose flap	1947
19780078551	Theoretical investigation of drag reduction in maintaining the laminar boundary layer by suction	1947
19790080380	National Advisory Committee for Aeronautics. Administrative report	1947
19800083315	Aerodynamic conditions affecting blow-off of burners	1947
19810068596	NACA Conference on Aircraft Ice Prevention: A compilation of the papers presented by NACA staff members	1947
19810080691	The physical implications of representing frictional flow in convergent nozzles by a law of constant adiabatic efficiency	1947

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19880069079	The dependence of the temperature jump upon the accommodation coefficients and related problems of heat conductance	1947
19880069088	Effect of tips of wings moving at supersonic speed	1947
19880069102	Equations of motion of a viscous gas	1947
19880071450	Development of apparatus for disinsectization of aircraft	1947
19930085601	Investigation of the Loads on a Typical Bubble-type Canopy	1947
19930085606	Performance of a mixed-flow impeller in combination with a semivaneless diffuser	1947
19930085609	Pressure-distribution Measurements on a Full-scale Horizontal Tail Surface for a Mach Number Range of 0.20 to 0.70	1947
19930085611	Altitude-wind-tunnel investigation of the R-4360-18 power-plant installation for the XR60 airplane I : engine-cooling characteristics	1947
19930085617	Aerodynamic force characteristics at high speeds of a full-scale horizontal tail surface tested in the Langley 16-foot high-speed tunnel	1947
19930085621	Test-stand investigation of a rectangular ram-jet engine	1947
19930085625	Wind-tunnel Investigation of Bomb-bay Configurations Intended to Minimize the Tumbling of Light-weight Bombs	1947
19930085629	Aerodynamic Characteristics of a 42 Degree Swept-back Wing with Aspect Ratio 4 and NACA 64(sub 1)-112 Airfoil Sections at Reynolds Numbers from 1,700,000 to 9,500,000	1947
19930085634	An analysis of airspeeds and Mach numbers attained by Lockheed Constellation airplanes in transcontinental operations during the early summer of 1946	1947
19930085647	Altitude-wind-tunnel Investigation of Thrust Augmentation of a Turbojet Engine III : Performance with Tail-pipe Burning in Standard-size Tail Pipe	1947
19930085652	Location of Detached Shock Wave in Front of a Body Moving at Supersonic Speeds	1947
19930085654	Effects of Compressibility on the Flow past a Two-dimensional Bump	1947
19930085656	Combustion-efficiency investigation of special fuels in single tubular-type combustor at simulated altitude conditions	1947
19930085659	Altitude-wind-tunnel investigation of thrust augmentation of a turbojet engine II : performance with water injection at compressor inlet	1947
19930085664	Longitudinal stability and control of high-speed airplanes with particular reference to dive recovery	1947
19930085666	Fuel Investigation in a Tubular-type Combustor of a Turbojet Engine	1947
19930085673	Investigation of intake ducts for a high-speed subsonic jet-propelled airplane	1947
19930085678	Aerodynamic Measurements Made During Navy Investigation of Human Tolerance to Wind Blasts	1947
19930085692	Characteristics of a 15-percent-chord and a 35-percent-chord plain flap on the NACA 0006 airfoil section at high subsonic speeds	1947
19930085693	Langley full-scale-tunnel investigation of the maximum lift and stalling characteristics of a trapezoidal wing of aspect ratio 4 with circular-arc airfoil sections	1947
19930085705	Estimate of hull-weight change with varying length-beam ratio for flying boats	1947
19930085707	An approximate method for calculating the effect of surface roughness on the drag of an airplane	1947
19930085724	Determination of coupled modes and frequencies of swept wings by use of power series	1947
19930085732	Free-flight Investigation of Fullspan, 0.2 Chord Plain Ailerons at High Subsonic, Transonic, and Supersonic Speeds to Determine Some Effects of Wing Sweepback, Taper, Aspect Ratio, and Section-thickness Ratio	1947
19930085782	Investigation of High-lift and Stall-control Devices on a NACA 64-series 42 Degree Sweptback Wing with and Without Fuselage	1947
19930085817	Precautions for flight testing near the speed of sound	1947
19930085826	Longitudinal Stability and Control Characteristics of an Airplane Model Having a 42.8 Degree Sweptback Circular-arc Wing with Aspect Ratio 4.00, Taper Ratio 0.50, and Sweptback Tail Surfaces	1947
19930085836	Cooling of gas-turbines VII : effectiveness of air cooling of hollow turbine blades with inserts	1947
19930085839	Lateral Stability and Control Characteristics of an Airplane Model Having 42.8 Degree Sweptback Circular-arc Wing with Aspect Ratio 4.00, Taper Ratio 0.50, and Sweptback Tail Surfaces	1947
19930086047	Estimation of range of stability derivatives for current and future pilotless aircraft	1947
19930090346	Effects of a Fuselage on the Aerodynamic Characteristics of a 42 Degree Sweptback Wing at Reynolds Numbers to 8,000,000	1947
19930090347	Investigation of Pressure Losses in Several Turbosupercharger Nozzle Hoses	1947
19930093802	Theoretical motions of hydrofoil systems	1947
19930093803	Effect of Engine Skew on Directional and Lateral Control Characteristics of Single-engine Airplanes	1947
19930093804	Abstracts pertaining to seaplanes	1947
19930093805	Effect of Mach number on the maximum lift and buffeting boundary determined in flight on a north american P-51D airplane	1947
19960022014	The Structures of the Carbides, Nitrides and Oxides of Uranium	1947
19960022015	Sliding Contacts at High Altitudes. Experimental System for Carbon Brush Investigations	1947
19960022017	Micro Combustion Method for the Determination of Carbon,	1947
19960022018	Heats of Reaction of the Aqueous Uranium Oxidation-Reduction Couples,	1947
19960022022	High Frequency Vacuum Breakdown Tests for Copper and Copper-Plated Ceramic Surfaces	1947
19960022663	Field of Dipole with Tuned Parasite	1947

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19960022664	An Introduction to the Dynamics of Compressible Fluids	1947
19960022681	Resonance Reactions Involving Dirac-Type Incident Particles	1947
19960023472	The Charge Distribution in Nuclei and the Scattering of High Energy Electrons	1947
19960023473	Studies of the Delayed Neutrons: Chemical Isolation of the 56-Second and the 23-Second Activities	1947
19960023481	Deformation of a Rectangular Guide	1947
19960024305	The Thermodynamic Properties and Equilibria at High Temperatures of Uranium Halides, Oxides, Nitrides, and Carbides	1947
19960025682	Radiocarbon and Filter Paper Partition Chromatography,	1947
19970010421	Service Test of AN/APG-3 in B-29 Aircraft	1947
19970010789	Synthesis of Trifluoroacetate	1947
20000043166	Gas-Dynamic Investigations of the Pulse-Jet Tube	1947
20040059857	Experimental Studies on Quantitative Analysis of Anti-Anthrax Serum	1947
20050019475	Wing-Operation Tests of the Chance-Vought F4U-1D Airplane in the Langley Full-Scale Tunnel, TED No. NACA 2371	1947
20050029425	Hydrodynamic Characteristics of a 1/10-Size Powered Dynamic Model of the XP5Y-1 Flying Boat in Smooth Water: Langley Tank Model 228C-1, TED No. NACA DE309	1947
20050237014	Experimental Study of Nitromethane Rocket Motors with Varying Fineness Ratio, Characteristic Length, and Chamber Pressure	1947
20080019836	Measurement of the Physical and Chemical Properties of the Sodium-Potassium Alloy, No. 2	1947
20080019889	An Experimental X-Band Radar Antenna for Submarine Periscope	1947
20080019890	3800-5000 Megacycle Horn Antenna for Calibration of DBM-1 Equipment	1947
20080046702	The Contribution of Restricted Rotation to Electron Scattering by Gases	1947
20090004624	Subject Headings for Index of NACA Publications	1947
20090025896	Simulated Altitude Performance of Combustors for the 9.5 Jet Engine	1947
20090026349	Investigation of the Performance of the Thermal Ice-Prevention System Installed in a Douglas BTD-1 Airplane (TED No. NACA 2502)	1947
20090032233	Static Tests of a Shrouded and an Unshrouded Propeller for Navy-Westinghouse Gas-Turbine Drive. TED No. NACA 042	1947
20100039437	Investigation in the Langley 19-foot Pressure Tunnel of Two Wings of NACA 65-210 and 64-210 Airfoil Sections with Various Type Flaps	1947
20110012680	Aerodynamic Load Measurements Over Leading-Edge and Trailing-Edge Plain Flaps on a 6 Percent Thick Symmetrical Circular-Arc Airfoil Section	1947
20130014768	Contributions to Sweepback Research	1947
20140000174	Investigation of Surface Loading of Low Aspect Ratio Wings	1947
20140001142	Suggested Symbols for Use by NACA Authors	1947
20140001914	NACA Study of Measurement of Piston-Ring Radial-Pressure Distribution	1947
20150011282	NACA Conference on Combustion - A Compilation of the Papers Presented by NACA Staff Members	1947
20150011283	NACA Conference on Supersonic Aerodynamics	1947
20150012355	Status of NACA Research Applicable to Personal Aircraft	1947
20150014002	The Resistance, Main Spray and Porpoising Characteristics of a Flying Boat Hull Model with a Length-Beam Ratio of 16	1947
20150014099	The Effect of Loading on the Lower-Limit Porpoising Characteristics of Flying-Boat Hull Models	1947
20150014391	A Semigraphical Method of Computing Stick Forces for Spring-Tab Controls Having Nonlinear Hinge-Moment Characteristics	1947
20150014471	An Investigation of the Effects of Hull Proportion and Step Depth on The Hydrodynamic Characteristics of Flying-Boat Hull Models with Varying Length-Beam Ratios	1947
20150014480	An Analytical Investigation of Vertical Forced Landings of Single Rotor Helicopters	1947
20150014511	An Analytical Investigation of Vertical Forced Landings of Single Rotor Helicopters	1947
20150014552	Heat-Transfer Measurements in a Nitrogen Sweat-Cooled Porous Tube	1947
20150015630	Physical Phenomena in Compressible Subsonic Flow (According to Investigation on a Symmetrical Profile)	1947
20150015712	The Method of Characteristics in Compressible Flow	1947
20150015727	NACA Conference on Aircraft - Engine Stress Analysis - A Compilation of the Papers	1947
20150015728	NACA Conference on Turbines: A Compilation of the Papers Presented by NACA Staff Members	1947
20150015748	NACA Conference on Supersonic Aerodynamics: A Compilation of the Papers Presented by NACA Staff Members	1947
20150015788	Computation of One-Dimensional Gas Flows	1947
20150015812	Supersonic Lift and Drag of Triangular Planform Wings	1947
20150016147	Enzian Propulsion Units (The Walther Bifuel Turborocket Motor and the Konrad Bifuel Rocket Motor)	1947
20150016659	A Pressure Transfer Device for the Simultaneous Measurement of Twenty-Four Pressures on Rotating Airfoils	1947
20150016715	Ram Jet Propulsion	1947
20150016998	The Problems and Significance of Really High Speed Flight	1947
20150017579	Analysis of the Exhaust Process in Four-Stroke Reciprocating Engines	1947
20150017647	Resistance of Cascade of Airfoils in Viscous Incompressible Fluid	1947
20150017943	Additional Shear Tests of Aluminum Alloy Sheet in Square Picture Frame	1947

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017961	Measurement of the Motions of Shock Waves	1947
20150018508	Radiation Phenomena in Liquid Fuel Rockets	1947
20150018546	Towing Channel Tests of Two Hydrobombs and Static Tests of a Hydroduct	1947
20150018810	The Relative Importance of Specific Impulse and Propellant Density for Large Rockets	1947
20150018933	Hydrostatic Pressings of Porous Metal Parts	1947
20150019571	Resume and Analysis of NACA Wing-Flow Tests	1947
20150019954	The Hydrodynamic Lubrication of Cyclically Loaded Bearings	1947
20150019971	Properties of Turbelloy-4 Alloy at 1200 F in the Solution Treated and Aged Condition	1947
20150020394	Fatigue Strength and Related Characteristics of Aircraft Material	1947
20160000830	Generalization of Theory of Mixing Lengths to Flow Around Curved Profiles	1947
20160004735	Regenerative Rocket Cooling	1947
20160013829	Feasibility of Nuclear Powered Rockets and Ram Jets	1947
19630043862	OSCILLATIONS OF GUN MOUNTINGS, THE BARRELS OF WHICH RECOIL <LAFETTENSCHWINGUNGEN DER GESCHUETZE MIT ROHRRUECKLAUF<	1948
19630044279	THE CHROMATIC POLYNOMIAL OF THE TRUNCATED ICOSAHEDRON	1948
19630044405	THE NUMERICAL METHOD OF CHARACTERISTICS FOR HYPERBOLIC PROBLEMS IN THREE INDEPENDENT VARIABLES	1948
19630044415	PART I. GENERAL THEORY- APPROXIMATE RATE OF NEUTRON MULTIPLICATION FOR A SOLID OF ARBITRARY SHAPE AND UNIFORM DENSITY. PART II- APPLICATION TO THE OBLATE SPHEROID, HEMI-SPHERE AND OBLATE HEMI-SPHEROID	1948
19630044963	GROUND EFFECT ON THE LIFTING ROTOR	1948
19640008534	On the parameterization of the three-dimensional rotation group	1948
19640059722	Preliminary investigation of noise in wind tunnels	1948
19650077910	The development of the laminar boundary-layer under conditions of continuous suction. part i- on similar profiles	1948
19650078388	Analysis of temperature transients in rocket walls	1948
19650078956	Diffusers for small supersonic mach numbers- design data	1948
19660071113	Electrical conductivity of ferromagnetic metals at low temperatures	1948
19660088787	Pulse modulation research quarterly progress report	1948
19660088844	A radio doppler report	1948
19660088966	Research project on high frequency quartz plates interim report	1948
19660089031	The development of a 1000-pound thrust nitromethane turborocket progress report no. 10, 1 - 29 feb. 1948	1948
19660089511	Number conversion tables, decimal-octal-binary and binary-octal-decimal	1948
19660089539	Foster wide-angle scanner progress report	1948
19660089671	Report on wind direction and velocity at different elevations as obtained from the vapor trail studies of v2 bumper no. 1 launched at white sands proving ground on may 13, 1948, at 7 15 a. m., m. s. t. progress report no. 4	1948
19660090301	A game theoretical study of the tactics of area defense	1948
19660091374	Simple formulae for predicting the weights of wing, fuselage, and tail unit structures	1948
19670084396	Equilibrium assumption in the theory of absolute reaction rates	1948
19670090692	Ram jet test vehicle	1948
19670091249	Tables of electric dipole moments	1948
19670091258	The ice phase in the atmosphere die eisphase in der atmosphaere	1948
19670093435	Correlation of experimental and theoretical hinge moments for plain controls	1948
19670095252	Experimental investigations with jet control vanes	1948
19670096181	Steady state solutions of the equation of burning	1948
19670096369	Calculation of lift distribution of swept wings	1948
19680071449	Hydrodynamic Characteristics of a Low-Drag, Planing-Tail Flying-Boat Hull	1948
19680071605	Additional abstracts pertaining to seaplanes	1948
19680085410	Boundary layers of temperature	1948
19680087200	Human tolerance to forces produced by acceleration	1948
19680087320	Modifications in technique of placement of needle electrodes in brain studies	1948
19680087421	Theoretical and experimental methods of flutter analysis, volume 2	1948
19680088162	Effects of nuclear radiations on explosives	1948
19690089322	Method of comparison of engine performance	1948
19690090380	Experimental determination of unsteady lift	1948
19690093110	The sonde arrangement of an acoustic homing device	1948
19690093143	The electrical system of an acoustic homing device	1948
19690093144	Comparison of methods of acoustical homing	1948
19690093145	The noise of jet propelled targets considered from the viewpoint of acoustical homing of missiles	1948
19710080280	Technique for assessing parachute opening characteristics and its application to X type parachute	1948
19710081473	The opening of porous parachutes at high altitudes	1948
19710082625	Determination of the natural frequencies and modes shapes of the subsonic static test wing	1948

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085861	Design and testing of supersonic nozzles. Part 1: Method of design and experimental improvement of Mach number distribution	1948
19780078480	AVA monographs. B: Boundary layer	1948
19780078546	Investigation of boundary-layer Reynolds number for transition on an NACA 65 sub (215) sup-114 airfoil in the Langley two-dimensional low-turbulence pressure tunnel	1948
19780078547	Preliminary wind-tunnel investigation of the effect of area suction on the laminar boundary layer over an NACA 64A010 airfoil	1948
19790081550	Rae 4 ft. x 3 ft. experimental low turbulence wind tunnel. Part 2: Measurement of longitudinal intensity of turbulence	1948
19800069917	National Advisory Committee for Aeronautics. Administrative reports without technical reports	1948
19840081126	Thermomechanical theory of flexible shallow sandwich shells with viscoelastic damping layer	1948
19930082392	Downwash and Wake Behind Untapered Wings of Various Aspect Ratios and Angles of Sweep	1948
19930084166	Air-flow characteristics of full-scale ducts for the Grumman XF9F-2 airplane : TED No. NACA PP 302	1948
19930085319	Flight Characteristics at Low Speed of a 1/12 Scale Model of the Consolidated Vultee 7002 Airplane : (flying Mock-up of XP-92)	1948
19930085351	Results obtained during a dive recovery of the Bell XS-1 airplane to high lift coefficients at a Mach number greater than 1.0	1948
19930085352	A restricted list of aircraft materials research projects	1948
19930085362	Evaluation of gust and draft velocities from flights of P-61C airplanes within thunderstorms July 31, 1947 to August 6, 1947 at Clinton County Army Air Field, Ohio	1948
19930085385	Evaluation of gust and draft velocities from flights of an AT-6 airplane within cumulus clouds July 1, 1947 to July 22, 1947 at Clinton County Army Air Field, Ohio	1948
19930085391	Results of Preliminary Flight Tests of the XS-1 Airplane (8-Percent Wing) to a Mach Number of 1.25	1948
19930085407	Free-spinning Characteristics of a 1/21-scale Model of the Douglas AD-2W Airplane : TED No. NACA DE 329	1948
19930085422	Evaluation of gust and draft velocities from flights of F-61C airplanes within thunderstorms August 21, 1947 to August 25, 1947 at Clinton County Army Air Field, Ohio	1948
19930085424	Spray characteristics of four flying-boat hulls as affected by length-beam ratio	1948
19930085459	Free-flight investigation at transonic and supersonic speeds of the rolling effectiveness of a thin, unswept wing having partial-span ailerons	1948
19930085462	Measurements of the Chordwise Pressure Distributions over the Wing of the XS-1 Research Airplane in Flight	1948
19930085492	Stability and Control Characteristics of a Free-flying Model with an Unswept Wing of Aspect Ratio 3 (XS-3)	1948
19930085501	Ditching Tests of a 1/15-scale Model of the Fairchild C-82 Airplane	1948
19930085518	Combustion-chamber performance with four fuels in Bumblebee 18-inch ram jet incorporating various rake- or gutter-type flame holders	1948
19930085533	A theoretical lateral-stability analysis of XC-120 airplane	1948
19930085545	Drag Measurements in Flight on the 10-percent-thick and 8-percent-thick Wing X-1 Airplanes	1948
19930085547	Wind-tunnel investigation of the stability of the jettisonable nose section of the XS-2 airplane	1948
19930085571	Preliminary study of use of nonstrategic metals for cooled blades of gas turbines	1948
19930085580	Preliminary study of use of nonstrategic metals for and application of cooling to blades of turbine of J35 turbojet engine	1948
19930085586	Correlation of coolant heat rejections of a multicylinder, liquid-cooled engine of 1710-cubic-inch displacement	1948
19930085593	Comparison of National Bureau of Standards ceramic coatings L-7C and A-417 on turbine blades in a turbojet engine	1948
19930085618	Results Obtained During Extension of U.S. Air Force Transonic-flight Tests of XS-1 Airplane	1948
19930085623	Preliminary Results of NACA Transonic Flights of the XS-1 Airplane with a 10-percent-thick Wing and 8-percent-thick Horizontal Tail	1948
19930085701	Subsonic Flight Investigation of Rectangular Ram Jet over Range of Altitudes	1948
19930085816	Efficiency of radial-flow turbine of Turbo Engineering Corporation TT13-18 turbosupercharger	1948
19930086038	Correlation of Wind-tunnel and Flight Determinations of the Buffet Speed of an Airplane Equipped with External Stores	1948
19930093746	Aerodynamic characteristics at high speeds of related full-scale propellers having different blade-section cambers	1948
19930094870	NACA Conference on Aircraft Loads	1948
19960022019	The Crystal Structure of Uranium Silicides and of CeSi ₂ , NpSi ₂ , and PuSi ₂ ,	1948
19960022020	The Reaction of Uranium Oxides with Sulfur Monochlorides,	1948
19960022021	Chemistry of Thorium in Aqueous Solutions. Part 1. The Thorium-Iodate System: Solubility and Complexes	1948
19960022025	Paramagnetic Susceptibilities and Electronic Structures of Aqueous Cations of Elements 92 to 95	1948
19960022031	The Thermal Oxidation of Ammonia with Oxygen. Phase 2	1948
19960022032	The Neutron Pile as a Tool in Quantitative Analysis: The Gallium and Palladium Contents of Iron Meteorites	1948
19960022033	The Action of Aluminum Chloride on Chlorofluorocarbons	1948
19960022652	Low Temperature Performance Tests on Rupture Diaphragms	1948

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19960022661	Spectrophotometric Evidence for the Existence of Uranium Pentachloride as the Double Compound UC16.UC14	1948
19960022673	The Characteristics of Wind Waves on Lakes and Protected Bays	1948
19960022678	The (alpha,n) Cross Section of Boron	1948
19960023467	Papers presented at the Naval Ordnance Laboratory Magnetic Materials Symposium	1948
19960023469	A Study of the Effect of a Number of Column Variables	1948
19960023470	The Crystal Structure of Hexagonal Barium Titanate	1948
19960023471	Total Neutron Cross Sections of Compounds with Different Crystalline Structures	1948
19960023475	Resistance of Cast Aluminum Alloys to Mechanical Shock. First Partial Report	1948
19960023478	Electrical Resistance Changes in Fine Wires During Plastic and Elastic Elongation	1948
19960023479	Small High-Gain Arrays for Direction Finding	1948
19960023482	The Cooling of a Flat Plate in a Laminar Compressible Flow by Uniform Fluid Injection	1948
19960023483	Development of a Tissue Radiation Fluorometer,	1948
19960023486	Oscillograph Trace Identification,	1948
19960023487	The Structures of Some Metal Compounds of Uranium	1948
19960023970	A Study of the Separation of a Trace of Silver From a Macro Amount of Palladium by Electrolysis	1948
19960024086	Grouping of Observations for Fitting Regression Curves	1948
19960024236	Some Applications of Electronics to Precision DC Measurements and Control	1948
19960024239	Characteristics of Bismuth Fission with High Energy Particles,	1948
19960025081	Reproducibility of Humidity Exposure Tests	1948
19960025894	Velocity Loss Measurements on Shocks in a Shock Tube	1948
19960025954	Super-regeneration, Logarithmic Mode Pulse Reception	1948
19960027143	Conversion of the P4- and P4E-Type Synchrosopes for High Sweep-Speed Operation	1948
19990010661	Air Force - NACA Conference on XS-1 Flight Research	1948
20030067832	Wind-Tunnel Measurements on the Wing of the Henschel Missile "Zitterrochen" in Subsonic and Supersonic Velocities	1948
20080043510	Concerning Alpha-Amino-Beta-Rhodan Propionic Acid and the Chemical Reaction Between Cystine and Potassium Cyanide (Ueber die Alpha-Amino-Beta-Rhodan Propionsaeure und Ueber die Umsetzung Zwischen Cystin und Kaliumcyanid)	1948
20120011216	Pneumatic Emergency Power Control Design	1948
20120011229	Wall Corrections for a Two-Dimensional Electrical Tank	1948
20130014079	NACA Research on Variable-Area Fuel Nozzles for Gas-Turbine Engines	1948
20130014753	Wake and Drag Tests on Swept and Straight Wings	1948
20130014772	Wind-Tunnel Tests of a 45 deg Sweptback Tapered Wing with Nose Flap	1948
20130014796	A Method of Evaluating Power Plants for use in Subsonic Transport Airplanes	1948
20140000027	The Yawed Wing in Parallel Flow	1948
20150011198	A Study of the Performance of a Gas Turbine by Means of Stationary Cascade Tests of the Turbine Blades	1948
20150011212	Aviation Knock Ratings of Aromatics and Ethers	1948
20150011284	NACA Conference on Supersonic Aerodynamics. A Compilation of the Papers Presented	1948
20150013879	Cascade Tests of Ranger Modification of NACA 65 Series Airfoils	1948
20150013887	Aerodynamic Characteristics from Wind Tunnel Tests of a Low-Aspect-Ratio, Triangular, Multiple-Wing on a Streamline Body of Fineness Ratio 8	1948
20150014061	Effect of Misalignment on Plain Bearings at High Rotative Speeds	1948
20150014082	NACA Conference on Aircraft Power-Plant Controls: A Compilation of the Papers Presented by NACA Staff Members	1948
20150014405	Experimental and Theoretical Research on Flutter Characteristics of the Swept-Back Wing	1948
20150015014	On Converging and Diverging Flows	1948
20150015060	Flow in Ejectors Driven by Supersonic Jets	1948
20150015105	The Rocket as an Auxiliary Power Plant	1948
20150015609	The Pumping of Liquid Rocket Propellant by Injecting Fuel into Oxidizer Tank	1948
20150015680	Pressure Distributions on Wings in Two-Dimensional Compressible Flow	1948
20150015768	NonLinear Boundary Problem of Unsteady Motion of Viscous Incompressible Fluid	1948
20150015772	Application of Thin-Wing Expansion Method to Gas Flow Along Sinusoidal Wall	1948
20150015773	Third Approximation of Thin-Wing Expansion Methods for Compressible Fluids	1948
20150015774	Approximate Solution to Viscous Flow at Low Speeds	1948
20150015779	Dimensioning and Design of Journal Bearings	1948
20150016151	Preliminary Experiments of Gaseous Transpiration Cooling of Rocket Motors	1948
20150017096	The Supersonic Wind Tunnel of the Heereswaffenamt and its Application in External Ballistics	1948
20150017100	The Ray Path in Schlieren Photographs of Simple Plane Shock Waves	1948
20150017104	The Fall of Light Elongated Bodies Impelled by a Rotary Motion	1948
20150017107	The Dissimilar Influence of the Boundary Layer on the Pressure Drag at Subsonic and Supersonic Velocity	1948
20150017617	Tetranitromethane and Nitrogen Tetraoxide - Hydrocarbon Mixtures - With a Contribution to the Calculation of Explosion Temperatures	1948
20150017627	The Oxidizing Nitration of Nitroso Compounds and Arylhydroxylamines	1948

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017628	The Mechanism of the Nitration of Aeromatic Compounds by a Sulfuro-Nitric Acid Mixture and Other Energetically Nitrating Means	1948
20150017889	NACA Conference on Fuels	1948
20150017910	Fuels Research Conference	1948
20150017912	Aircraft Jet Power Plants Controls Conference	1948
20150017934	A Stream Filament Method of Channel Design for Compressible Flow with an Application to High Solidity Cascades	1948
20150018813	Liquid Rocket Propellants. Part VII Nitromethane	1948
20150019342	Diffuser Efficiencies at High Subsonic Velocities	1948
20150019965	Summary of the Results of Research on Axial-Flow Compressors at the Stuttgart Research Institute for Automobiles and Engines	1948
20150019966	A Comparison of the High-Temperature Properties of Sand Cast 142 Alloy and Aluminum-Base 6% Magnesium Alloys	1948
20150019972	Report of Cobalt on the High-Temperature Properties of 20Cr-20Ni-4Mo-4W-4Cb+Fe Alloys	1948
20150021182	An Analytical Investigation of Convective Heat Transfer from a Flat Plate Having a Stepwise Discontinuous Surface Temperature	1948
20150021185	The Performance Analysis of a Diverging Ram-Jet Combustion Chamber	1948
20160000187	Generalized Charts for Determination of Pressure Drop of a High-Speed Compressible Fluid in Heat-Exchanger Passages	1948
20160000829	The Drag of Strut Profiles and Bodies of Revolution	1948
20160003544	List of Naca Wartime Reports	1948
20160003545	List Of NACA Reports Reprinted as Wartime Reports	1948
20160004734	Aviation History - 1903 to 1960	1948
19630037894	The Aeronautical Research Scene - Goals, Methods, and Accomplishments	1949
19630044950	OBSERVATIONS ON STABILIZED FUEL-MIST/AIR FLAMES AND THEIR SIGNIFICANCE FOR ROCKET MOTOR COMBUSTION	1949
19640053738	A program for the study of ignition lag of spontaneous liquid rocket propellants progress report no. 9-30	1949
19640058192	Symposium on guided missile simulation /port washington, n. y./ september 19-20, 1949	1949
19640059132	Solubility of gases in liquids used in aircraft part 1- measurement of gas solubility	1949
19650074048	Naca conference on aerodynamic problems of transonic airplane design	1949
19650074050	The effects of systematic variation of sever- al shape parameters on the characteristics of airfoil sections at high-subsonic mach numbers	1949
19650074074	Summary of information on air inlets- naca submerged inlets	1949
19650074085	Trends in the design and performance of high- speed propellers	1949
19650079985	Study on the worldwide ionospheric disturbance of 15 march 1948	1949
19660081498	Determination of rate, area, and distribution of impingement of waterdrops on various airfoils from trajectories obtained on the differential analyzer	1949
19660083232	Evaluation of high angle of attack aerodynamic derivative data and stall flutter prediction techniques /phase 7/	1949
19660089110	A digital electronic linear interpolator	1949
19660089650	Boeing wind tunnel test no. 130. test no. 3 of the slotted test sections in the 1/20 scale model wind tunnel with a two-stage compressor data report	1949
19660091040	Calculation of shape of the swept wing body junction	1949
19670088677	Soil compaction investigations interim report	1949
19670090613	Physical data for target airplane model g-1 high subsonic swept wing bomber	1949
19670091308	An improved method of flow visualization by "reflected" light	1949
19670095191	The elasticity and strength of some long bones of the human body	1949
19670095548	Expressions for input impedance and power dissipation in lossy concentric lines	1949
19680085734	Heat transfer into the nose skin of the bumper no. 5 missile during flight	1949
19680085767	The velocity rise with mach number on slender bodies of revolution and on circular air intakes	1949
19680085885	Physical data for target airplane model g-3 high subsonic interceptor	1949
19680086990	Evaluation of target survival chances for engagements in which the fire is correlated in accordance with a markoff aim wander process	1949
19680088293	Instrumentation of the xb-26f aircraft for flight research	1949
19680088762	Gust loads on rigid and elastic airplanes	1949
19680089528	Statistical prediction of noise	1949
19680094459	Some roll characteristics of plane and cruciform delta ailerons and wings in supersonic flow	1949
19690087482	Aerodynamic interference of pitot tubes in a turbulent boundary layer at supersonic speed	1949
19690090800	An investigation of stresses in aircraft structures under dynamic loading	1949
19690091318	Investigation of recovery systems for pilotless aircraft and components	1949
19690093282	On the theory of the Brownian movement	1949
19700092125	Test to determine relative performance of austenitic and ferritic H welded 1-inch plate proofing, 57 mm M1001 Technical report, 18 Nov. 1948 - 26 Jan. 1949	1949
19700093810	Multigee vibrator - Preliminary design of a proposed new vibration testing machine for producing high acceleration	1949

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082615	Static test of missile wing MX775A subsonic guided missile	1949
19710082619	Operation and residual energy of N-25A landing-gear uplock	1949
19710082620	Time sequence tests of parachute release and safety switches, and landing gear uplock	1949
19710082807	Operational check of squib chamber design for launching sled arm lock	1949
19720068517	Fluid flow through porous metals	1949
19730073512	Gravitational waves in a shallow compressible liquid	1949
19730076930	A study of controlled fragmentation shells for use against turbo-jet engines	1949
19730077373	Comparative study of land-based and carrier-based aircraft, addendum 1	1949
19750069356	Research and development in aeronautics	1949
19760080008	The calculation of $l_{sub r}$ and n_r by lifting plane theory	1949
19780078525	Investigations relating to the extension of laminar flow by means of boundary-layer suction through slots	1949
19780078553	Experimental and theoretical studies of area suction for the control of the laminar boundary layer on a porous bronze NACA 64A010 airfoil	1949
19780086591	Tests of porosity of materials for use in experiments on boundary-layer control by distributed suction	1949
19800069916	National Advisory Committee for Aeronautics. Administrative reports without technical reports	1949
19800073772	Index of NACA technical publications 1915 - 1949	1949
19800077800	Tests of porosity of materials for use in experiments on boundary-layer control by distributed suction (U)	1949
19810068686	Determination of rate, area, and distribution of impingement of waterdrops on various airfoils from trajectories obtained on the differential analyzer	1949
19860073811	Isotropic and non-isotropic turbulence in the atmospheric surface layer	1949
19870067947	Subject headings for index of NACA publications	1949
19880069038	More precise calculation of the coefficients of heat exchange between a gas and suspended particles by the application of the method of heat of boundary layer	1949
19880069104	On the automodel two-dimensional and axisymmetric steady motion of a gas	1949
19880069107	On the local structure of the temperature field in a turbulent flow	1949
19880069136	The piezoeffect of barium titanate	1949
19880069137	Dielectric properties of barium tetratinatate and other dielectrics of the system TiO ₂ -BaO	1949
19910074176	A Simple Method of Estimating the Subsonic Lift and Damping in Roll of Sweptback Wings	1949
19930082596	Correlation of Physical Properties of Ceramic Materials with Resistance to Fracture by Thermal Shock	1949
19930085849	Determination of rate, area, and distribution of impingement of water drops on various airfoils from trajectories obtained on the differential analyzer	1949
19930085884	Summary of the availability and performance problems of high octane number fuels	1949
19930085908	Results Obtained from Second Flight of X-4 Airplane (A.F. No. 46-676)	1949
19930085910	Preliminary investigation of the use of afterglow for visualizing low-density compressible flows	1949
19930085939	Analysis of the dynamic lateral stability characteristics of the Bell X-2 airplane as affected by variations in mass, aerodynamic, and dimensional parameters	1949
19930085942	An investigation in the Langley 20-foot free-spinning tunnel of the spin and recovery characteristics of a 1/30-scale model of the Bell X-2 airplane	1949
19930085948	Measurements of Aileron Effectiveness of the Bell X-1 Airplane at Mach Numbers Between 0.9 and 1.06	1949
19930085956	Results Obtained from Third Flight of Northrop X-4 Airplane (A.F. No. 46-676)	1949
19930085959	The Static-pressure Error of Wing and Fuselage Airspeed Installations of the X-1 Airplanes in Transonic Flight	1949
19930085967	Stability and Control Data Obtained from Fourth and Fifth Flights of the Northrop X-4 Airplane (A.F. No. 46-676)	1949
19930086029	Aerodynamic Characteristics of an 0.08-scale Model of the Martin XB-51 Airplane at High Subsonic Speeds	1949
19930086064	Preliminary Theoretical and Flight Investigation of the Lateral Oscillation of the X-1 Airplane	1949
19930086070	Preliminary Investigation of a Variable Mass-flow Supersonic Nose Inlet	1949
19930086084	An empirical method for estimating trailing-edge loads at transonic speeds	1949
19930090383	Stability and Control Data Obtained from First Flight of X-4 Airplane	1949
19930093768	Altitude-wind-tunnel Investigation of Various Can-type Burners in Bumblebee 18-inch Ram Jet	1949
19960022024	Electrodynamics of a Superconducting Torus	1949
19960022027	Precipitation Hardening Corrosion Resistant Steels	1949
19960022030	Electric Breakdown in CO ₂ From Low Pressures to the Liquid State	1949
19960022034	Theory of Water Entry of Missiles with Flat Noses	1949
19960022670	Analysis and Calibration of Loop Probes for use in Measuring Interference Fields	1949
19960022672	Pyrolysis of Hexadecafluoroheptane	1949
19960022676	Fritted Fluorothene: A Chemically Inert Filtration Medium	1949
19960022980	Thermodynamic Functions of Halogens and Hydrogen Halides	1949
19960023468	Some Implications of Work Hardening and Ideal Plasticity	1949
19960023474	The Modulation, Generation, and Frequency Multiplication of Microwave Oscillations by a Spiral Beam of Electrons	1949
19960023476	A Tentative Model of the Sun	1949
19960023490	An Investigation of the Electrical Characteristics of a 625 Foot Tower Antenna by the Use of a High Frequency Scale Mode,	1949

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19960023493	The Inherent Stability of the Auditory Threshold	1949
19960023967	Mass Spectrometric Measurements of Natural Isotopic Spectra	1949
19960023969	The Moving Striations in Argon Glow Discharges	1949
19960024238	Report on Contract N6ORI-117 (Washington Univ)	1949
19960024309	The Paschen-Back Effect in NH ₃ and N ₂ O Microwave Spectra	1949
19960024310	Characteristics of Arcs between Moving Electrodes	1949
19960025683	Surface Conductivity at the Pyrex Glass: Solution Interface	1949
19960025892	Tungsten Oxide Shadowing of Electron Micrographs	1949
19960025895	Electron Guns for an 80-Mev Synchrotron	1949
19960025896	Some Slow-Wave Structures for Traveling-Wave Tubes	1949
20030067693	On Lift Properties and Induced Drag of Wing-Fuselage Combination	1949
20070029673	A Stabilized Voltage Supply and Linear Amplifier for Photomultiplier Tubes	1949
20140000009	Leading-Edge Singularities in Thin-Airfoil Theory	1949
20140000040	The Efficiency of Brake Flaps on a Flat Spinning Monplane	1949
20140000162	Comparison of Various Methods of Thrust Augmentation	1949
20140000885	Review of NACA Research on Materials for Gas-Turbine Blades	1949
20140002001	A New Form of Solution of Hermite's Equation	1949
20150011177	Numerical Analysis of the Stresses in a Swept Box Beam	1949
20150011181	Remarks at the Corporation Dinner of the Polytechnic Institute of Brooklyn	1949
20150011192	Method of Determining Generalized Turbine Performance Characteristics by Use of Two-dimensional and Three-Dimensional Stationary-Cascade Investigations	1949
20150011226	Performance Calculations of Rocket Engines Burning Propellants Composed of the Elements Carbon, Hydrogen, Oxygen, and Nitrogen	1949
20150011321	Status of Research in Supersonic Aerodynamics	1949
20150011396	An Approximate Method of Calculating Pressures in the Tip Region of a Rectangular Wing of Circular-Arc Section at Supersonic Speeds	1949
20150011402	Status of Research on Internal Flow	1949
20150012594	NACA Research on Rocket Propellants	1949
20150012672	Control of Foaming by Adding Known Mixtures of Pure Chemicals	1949
20150013871	Aerodynamic Characteristics of Tapered Wings II - Experimental Results Showing the Effects of a Split Flap on NACA 44-Series Airfoils with Taper Ratio of 2.5 and Aspect Ratios of 8, 10, and 12	1949
20150014060	Effect of Misalignment on Plain Bearings at High Rotative Speeds	1949
20150014062	Effect of Misalignment on Plain Bearings at High Rotative Speeds	1949
20150014386	Torque-Stand Measurements on the Jumo TL Jet Engine with Different Cowling Entrances	1949
20150014390	The Dynamic Directional Stability of a Towed Body	1949
20150014396	Performance of Model Air Ejectors with Conical Mixing Sections	1949
20150014397	Dynamic Stability in Flight with Automatic Pilot	1949
20150015103	Research and Development of Hydrogen-Oxygen Rocket Engine, Model XLR16-AJ-2	1949
20150015616	Real-Gas Rocket Thermodynamics: Development and Application of Simple Real-Gas Thermodynamic Equations for C(sup asterisk) and C(sub F)	1949
20150015632	The Scale Effect in the Investigation of Freely Spinning Models in the Spin Tunnel	1949
20150015667	Research and Development of Hydrogen-Oxygen Rocket Engine, Model XLR16-AJ-2	1949
20150015673	Symposium on Aerothermodynamics	1949
20150015726	NACA Conference on Results of Flight Investigations with Research Airplanes - A Compilation of the Papers Presented	1949
20150015737	The Effect of Selected Parameters on the Design of Rocket Engine Pumping Plants	1949
20150015775	Sonic Field Produced by a Point Source in Uniform Rectilinear Motion in a Perfect Fluid, Especially in the Case of a Supersonic Velocity	1949
20150015778	Friction and Leakage Losses on Piston Rings	1949
20150015785	Bounded Flow with Separation About a Circular Cylinder	1949
20150015813	Automatic-Control Considerations for Turbojet Engine with Tail-Pipe Burning	1949
20150016148	Performance Testing with Liquid Hydrogen of a 6-Inch Diameter Shroudless Radial-Vane Centrifugal Pump (AR-2797)	1949
20150016149	An Experimental Study of the Behavior of Liquid Streams Injected into a Low-Pressure Chamber	1949
20150016156	Symposium on Turbulence	1949
20150016668	Analysis of Turbojet Thrust Augmentation Cycles	1949
20150016710	Factors Affecting the Choice Between Turbojet and Turbopropeller	1949
20150016713	Maximum Combustion Pressures in Single-Cylinder Engine A 6005	1949
20150016729	Helical Vortices and Cylindrical Boundaries of Circular Cross Section	1949
20150016993	Results of Recent Hypersonic and Unsteady Flow Research at the Langley Aeronautical Laboratory	1949
20150017021	The Volumetric and Gravimetric Determination of Zirconium and Hafnium, Isolated and in Combined Form, with Selenious Acid	1949
20150017023	Testing of a Roll Balance on an Airplane Model	1949
20150017024	Electrical Wind-Measuring Instruments	1949
20150017075	The Spin Wind Tunnel of the DVL	1949

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017076	Methods of Preparing High-Melting-Point Carbides, Nitrides, and Borides in Pure Condition and Description of Various Properties	1949
20150017088	Fundamentals of Mixture Control for Fuel-Injection Otto Engines	1949
20150017089	Certain Fundamental Problems in the Theory of Plasticity and The Problem of Strength in Machine Construction	1949
20150017094	On the Inertia of Pressure Capsules	1949
20150017095	Tests on the Spin Balance 1. Partial Report: The DVL Spin Balance	1949
20150017105	Supersonic Velocity in Cylindrical Pipes	1949
20150017106	The Effect of Radial Pitch Distribution on Propeller-Blade Characteristics	1949
20150017583	A New Method for Predicting the Internal Energy Absorbing Capacity of Structural Material Under Dynamic Stresses	1949
20150017620	The Importance of Heavy Atoms for Slowing Down Neutrons	1949
20150017621	Calculation of Heat Exchangers with Counterflow for Gases	1949
20150017622	On the Understanding of the Concept of Entropy in Thermodynamics	1949
20150017713	General Theory of Approximation Methods of Analysis	1949
20150017916	Interaction of Components of Gas Turbines for Aircraft	1949
20150017928	Exit-Flow Investigation of a Two-Dimensional Turbine Rotor Cascade	1949
20150017935	Some Fundamental Aspects of the Effect of Ions on Air Flow - Volume II	1949
20150017936	Some Fundamental Aspects of the Effect of Ions on Air Flow	1949
20150017963	Temperature and Velocity Profiles in the Compressible Laminar Boundary Layer with Arbitrary Distribution of Surface Temperature	1949
20150018808	Droplet Interception Investigation Upon Various Airfoil Sections at Above Freezing Temperatures	1949
20150018822	Transient Analysis of a Speed Regulator Servomechanism	1949
20150019327	Differential Equations of Gas Turbines with Infinite Number of Blades and Their Integrals	1949
20150019343	Theory of Heat Transfer and Flow Resistance at High Speeds	1949
20150019415	Acceptance Tests of Eclipse Type 1498-8-A and Type 1498-9-A Electric Starters	1949
20150019416	Starting and Cranking Characteristics of a J35-A-5 Turbo-Jet Engine	1949
20150019968	Preliminary Experiments for Testing Basic Assumptions of Plasticity Theories	1949
20150019970	A New Mathematical Theory of Plasticity Based on the Concept of Slip	1949
20150022985	Compound Engine Systems for Aircraft	1949
20150022986	Special to Sperryscope: The NACA and its Research	1949
20150022989	Aviation Research - Life Blood of National Security	1949
20160000269	Drag Increase for Profiles in the Domain of High Subsonic Velocities	1949
20160000828	Some Problems of the Theory of Plasticity with Exponential Hardening of the Material	1949
19630038249	FREE-SPINNING-TUNNEL TESTS OF A 1/20-SCALE MODEL OF THE MCDONNELL XF3H-1 AIRPLANE	1950
19630042456	The Mixing of a Supersonic High-Temperature Jet with Air in a Cylindrical Duct	1950
19630043659	THE HUMAN TRANSFER FUNCTION IN SERVO SYSTEMS WITH TWO APPENDICES	1950
19650071720	Critical Impact Velocities of Water Droplets as a Problem in Injector-Spray Sampling	1950
19650077927	Some remarks on turbulent boundary layers in two and three dimensional flow	1950
19650080575	Investigation of fixed high megohm resistors final report	1950
19660088791	Degradation of certain curarizing substances by the action of cholinesterase	1950
19660088833	The transistor as a circuit element	1950
19660089025	Two-and-three-dimensional flow at high sub-sonic speeds /extension of the prandtl rule, ebene und raumliche stromung bei hohen unterschall-geschwindigkeiten /erweiterung der prandtlschen regel/<	1950
19660089403	The diet and tissue reserves progress report no. 4, 1 jan. - 1 mar. 1950	1950
19670087650	Symposium on applications of autocorrelation analysis to physical problems	1950
19670087651	The correlation of ayres' index of american business activity	1950
19670087652	Communication applications of correlation analysis	1950
19670087653	Noise and nonlinear communication problems	1950
19670087654	The use of autocorrelation functions in fire-control system design	1950
19670087655	The sampling theory of power spectrum estimates	1950
19670087656	A system for recording and analyzing random processes	1950
19670087657	Ocean wave analyses	1950
19670088223	A new instrument for determining hydrogen in submarines	1950
19670088247	Investigation of audio frequency noise test paragraph f-6e /2/ of jan-1a electron tube specifications final report, 17 jan. - 2 dec. 1949	1950
19670090186	Analysis of the continuous slot /door/ antenna on a-4 rocket	1950
19670091374	Ram jet test vehicle progress rept., may - jun. 1950	1950
19680068666	Effect of Nose Shape and Wing Thickness Ratio on the Drag at Zero Lift of a Missile Having Triangular Wings and Tails	1950
19680073315	NACA Conference on Aircraft Propulsion Systems Research	1950
19680073316	Some performance and operational problems of turbojet engine at altitude. Part 2 - Over-all engine performance and operating characteristics at altitude	1950
19680073317	Some performance and operational problems of turbojet engine at altitude. Part 3 - Effect of altitude on aerodynamic characteristics of turbojet engine components	1950

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680073318	Some performance and operational problems of the turbojet engine at altitude. Part 4 - Combustion	1950
19680073319	Some performance and operational problems of the turbojet engine at altitude. Part 5 - Effects of fuel and fuel injection	1950
19680073320	Some performance and operational problems of the turbojet engine at altitude. Part 6 - Summary and future trends	1950
19680073321	Thrust augmentation of turbojet engines	1950
19680073322	Heat and power extraction from turbojet engines	1950
19680073323	Icing problems of turbojet engines	1950
19680073324	Performance and operating characteristics of ramjet engines. Part 1 - Introduction	1950
19680073325	Performance and operating characteristics of ramjet engines. Part 2 - Internal characteristics	1950
19680073326	Performance and operating characteristics of ramjet engines. Part 3 - External characteristics	1950
19680073327	Performance and operating characteristics of ramjet engines. Part 4 - Performance analysis	1950
19680073328	Survey of the turbine cooling problem	1950
19680073329	Control studies on turbine engines	1950
19680073330	Problems relating to rocket engines	1950
19680085980	Some crude comparative tests of damage with explosive charges of pentolite and metalized tetranitromethane	1950
19680086146	Measurements of turbulence level behind a set of square-mesh grids and correlation with grid pressure loss	1950
19680086363	The deuterium content of the free hydrogen in the earth's atmosphere	1950
19680087456	Strength of orthotropic materials subjected to combined stresses	1950
19680088240	Investigations of multimode propagation in waveguides and microwave optics final report, may 1, 1949 - nov. 30, 1950	1950
19680088376	Xb-26f aircraft bimonthly progress report	1950
19680088378	Flight test for comparison with b-25 results bimonthly progress report	1950
19680088472	Xb-26f aircraft bimonthly progress report	1950
19680089264	A method of coding chemicals for correlation and classification	1950
19680089755	Potentials of cells with liquid-liquid junctions	1950
19680092631	Determination of temperature-recovery factors on cones in the NOL 40 x 40 cm supersonic wind tunnel no. 2	1950
19680094461	Experiments in the turbulent boundary layer of a supersonic flow	1950
19700075640	Light scattering at bound electrons, with a correction for delay	1950
19700089641	Investigation of a one-fifth scale model of a proposed high-submerged-speed submarine in the Langley full-scale tunnel /U/	1950
19710064914	Wind-tunnel investigation of a 1/6-scale model of the Bumblebee XPM missile at high subsonic speeds	1950
19710080289	On the elastic constants of ice	1950
19710082491	Static strength of the 5003153 inboard elevon assembly	1950
19710082494	The range of a missile that is limited to nighttime operation	1950
19710082777	The automatic control system for the first series of XSSM-A-3 Snark test missiles	1950
19710082814	Functional test of the N-25A radio control receiver	1950
19710082850	The star detection and error measurement components of an experimental airborne daytime star tracker /Orchid 6/	1950
19710085599	Proposed modification of QHB sonar equipment range scale	1950
19780078552	Further experimental studies of area suction for the control of the laminar boundary layer on a porous bronze NACA 64A010 airfoil	1950
19800069915	National Advisory Committee for Aeronautics. Administrative reports without technical reports	1950
19800077724	Comparison of flight and tunnel measurements of transition on a highly finished wing, King Cobra (U)	1950
19880069001	Velocity distribution for local supersonic regions on thin profiles	1950
19880069013	The nature of electro-mechanical oscillations in barium titanate ceramics	1950
19880069030	Neutralization method in solving wave problems	1950
19880069035	On a law of the turbulent motion of a fluid in smooth pipes	1950
19880069067	On sufficient and necessary statistics for a family of probability distributions	1950
19880069070	On a new form of adiabatic perturbation theory in the problem of particle interaction with a quantum field	1950
19880069121	On a case of the application of the limit of the D-subdivision to estimate the quality of a system of automatic regulation	1950
19880069139	Temporary behavior of processes in the dielectric polarization of barium titanate and rochelle salt	1950
19880069747	Solution of the problem of a center and focus in one case	1950
19930086046	Results Obtained During Flights 1 to 6 of the Northrop X-4 Airplane (A.F. No. 46-677)	1950
19930086075	An investigation of the spin, recovery, and tumbling characteristics of a 1/20-scale model of the Northrop X-4 airplane	1950
19930086121	Calculated performance of nuclear turbojet powered airplane at flight Mach number of 0.9	1950
19930086150	Investigation of stage performance of X24C-2 ten-stage axial-flow compressor at design speed	1950
19930086178	Experimental Investigation of Supersonic Flow with Detached Shock Waves for Mach Numbers Between 1.8 and 2.9	1950

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930086198	Lift and Pitching-moment Interference Between a Pointed Cylindrical Body and Triangular Wings of Various Aspect Ratios at Mach Numbers of 1.50 and 2.02	1950
19930086205	Supplementary analysis of the dynamic lateral stability characteristics of the Bell X-2 airplane as affected by variations in mass and aerodynamic parameters	1950
19930086211	Exploratory Investigation of Leading-edge Chord-extensions to Improve the Longitudinal Stability Characteristics of Two 52 Degree Sweptback Wings	1950
19930086215	Wind-tunnel investigation of a 0.6-scale model of Hughes MX-904 tail surface at supersonic speeds : tail attached to a segment of the foreshortened body	1950
19930086243	Effect of nose shape and wing thickness ratio on the drag at zero lift of a missile having triangular wings and tails	1950
19930086306	Flight Tests at Supersonic Speeds to Determine the Effect of Taper on the Zero-lift Drag of Sweptback Low-aspect-ratio Wings	1950
19930086393	Wind-tunnel Investigation of a 1/6-scale Model of the Bumblebee XPM Missile at High Subsonic Speeds	1950
19930086400	Free-spinning Tunnel Tests of a 1/20-scale Model of the Mcdonnell XF3H-1 Airplane : TED No. NACA DE 343	1950
19930086442	Calculated lift distributions of a consolidated Vultee B-36 and two Boeing B-47 airplanes coupled at the wing tips	1950
19930086456	Investigation of a 1/5-scale Model of a Proposed High-submerged-speed Submarine in the Langley Full-scale Tunnel	1950
19930086480	Wind-tunnel investigation of the effect of chordwise fences on longitudinal stability characteristics of an airplane model with a 35 degree sweptback wing	1950
19930086632	Effects of molding conditions on some physical properties of glass-fabric unsaturated-polyester laminates	1950
19930090244	Investigation of the NACA 3-(3)(05)-05 Eight-blade Dual-rotating Propeller at Forward Mach Numbers to 0.925	1950
19930090306	Flight measurements of base pressure on bodies of revolution with and without simulated rocket chambers	1950
19930093722	Performance of 24-inch supersonic axial-flow compressor in air. III : compressor performance with inlet guide vanes	1950
19930093814	Langley 9 inch supersonic tunnel tests of a model of the Hughes Aircraft Company MX-904 missile (Falcon), presentation of additional three-component data and some static rolling-moment data	1950
19960022256	Adsorption of Helium on Normal and on Superconducting Tin	1950
19960047712	Geophysical Research Papers	1950
19970031764	Investigation of the Mechanical Properties and Characteristics of Several Electrodeposited Metals on a Flexible Plate of High Carbon Steel	1950
20080009906	Theoretical and Experimental Effect of Sweep Upon the Stress and Deflection Distribution in Aircraft Wings of High Solidity. Part 9. On the Stresses in Cantilever Plates of Arbitrary Planform and Variable Thickness (A Relaxation Procedure With Applications to the Swept Wing Problem)	1950
20130014767	Effect of Simulated Load Sequences on the Strength of Structural Members of Airplanes	1950
20140000006	Conical Flow Methods Applied to Uniformly Loaded Wings in Subsonic Flow	1950
20140000026	The Minimum Drag of Thin Wings in Frictionless Flow	1950
20140000177	Tests of Perforated Convergent-Divergent Diffusers for Multi-Unit Ramjet Application	1950
20140000886	NACA Subcommittee on Heat Resisting Materials	1950
20140002034	The Pathway from Vision to Accomplishment in Aeronautics	1950
20150011153	Minutes of the Meeting for Selection of Rocket Propellants	1950
20150011166	Similarity Laws for Slender Bodies of Revolution in Hypersonic Flows	1950
20150011188	The Performance Characteristics of Present and Future Aircraft Which May Affect Air Traffic Control Requirements	1950
20150011197	Preliminary N.A.C.A. Research on Roller Bearings at High Speeds	1950
20150011210	Mechanical Design of Experimental Turbines and Compressors	1950
20150011218	Langley 9-Inch Supersonic Tunnel Tests of a Model of the Hughes Aircraft Company MX-904 Missile (Falcon) - Presentation of Additional Three-Component Force Data on Models Having Ratios of Wing Span to Tail Span Less than 1	1950
20150011285	NACA Conference on Supersonic Aerodynamics: A Compilation of the Papers Presented	1950
20150011320	Status of Research on Stability and Control	1950
20150014028	Propellers and Wings	1950
20150014385	The Convergence of the Method of Shvets	1950
20150014476	The Problem of Unstable Rotor Damping	1950
20150014478	Tests on Thin Walled Cylinders Under Complex Loading Conditions	1950
20150014479	Some Implications of the Slip Theory of Plasticity	1950
20150015627	Turbulent Heterogeneous Combustion	1950
20150015647	Handbook on Aerosols	1950
20150015658	A Special Analytical Study of Heat Transfer Phenomena with Clouds of Small Particles in Air at Elevated Temperatures	1950
20150015664	Ignition in Gaseous Mixtures	1950
20150015674	Pressure Losses Across Screens and Grids	1950
20150015731	NACA Conference on Supersonic Aerodynamics - A Compilation of the Papers Presented	1950

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150015739	The Outer and Inner Friction Layer in Disturbances of Laminar Flows	1950
20150015761	Investigations and Tests on Propellers of Minimum Induced Loss	1950
20150015762	The Diffusion of Chromium in Cobalt	1950
20150015777	Calculation of Fields of Characteristics of Turbines	1950
20150015780	Against Formalism in the Theory of Plasticity	1950
20150016163	Report On Preliminary Tests of a Rotating Viscosimeter	1950
20150016654	Hypersonic Research Facilities at the Ames Aeronautical Laboratory	1950
20150016714	Concerning the Technique of the Ground Vibration Test	1950
20150016717	Performance Potentialities of the Turbojet Engine	1950
20150016987	A Study of the Influence of Specific Impulse and Density on the Performance of Rocket Vehicles	1950
20150017090	The Problem of Turbulence	1950
20150017091	The Phenomena at the Blade Tips of Kaplan Turbines	1950
20150017092	An Equipment for Measuring Turbulence by Means of Hot Wires	1950
20150017602	An Investigation of the Possibility of Determining Static Pressure Anomalies Over Mountainous Terrain by the use of a Scale-Model in a Wind Tunnel	1950
20150017623	The Theory of Heat Conduction in Rarefied Gases and the Accompanying Pressure Forces	1950
20150017631	The Spin Measuring Apparatus of the DVL	1950
20150017705	Motions of Disturbance in a Gas Flow with Boundary Layer	1950
20150017924	Some Physical Properties of Eight Refractory Oxides and Carbides	1950
20150017932	Investigation of Direct and Alternating Current Glow Anemometers	1950
20150017946	Measurement of the Internal Diameters of Metallic Capillary Tubes	1950
20150017965	The Turbulence Problem Today	1950
20150018511	Photographic Study of Bubble Formation in Heat Transfer to Subcooled Water	1950
20150019814	Use of High-Pressure Mercury ARC Lamps for Pulsed Light Applications	1950
20150019963	Buckling of a Rectangular Plate in Shear	1950
20150019964	Mean-Speed Measurement in Two-Dimensional, Incompressible Fully-Developed Turbulent Channel Flow	1950
20150022987	Special to Aircraft Industries Association	1950
20150022988	Special to the Martin Star	1950
20160000755	Heat Conduction in Laminated Spherical and Cylindrical Bodies	1950
20160000916	Stability of Aerosols and Behavior of Aerosol Particles, Chapter 5	1950
19630008109	ANALYSIS OF THE LIQUID-METAL TURBOJET CYCLE FOR PROPULSION OF NUCLEAR POWERED AIRCRAFT	1951
19630038250	FREE-SPINNING-TUNNEL INVESTIGATION TO DETERMINE THE EFFECT OF TWO NOSE DESIGNS ON SPIN AND RECOVERY CHARACTERISTICS OF A 1-20-SCALE MODEL OF THE MCDONNELL XF3H-1 AIRPLANE	1951
19630044336	MODEL HRP-2 PRODUCTION INSPECTION TRIALS, TEMPERATURE SURVEY PHASE	1951
19630044630	DEVELOPMENT OF THE LIQUID HYDROGEN-LIQUID OXYGEN PROPELLANT COMBINATION FOR ROCKET MOTORS /U/ FINAL REPORT	1951
19630044639	THE BURNING OF SINGLE DROPS OF FUEL IN AIR AT PRESSURES UP TO TWENTY ATMOSPHERES	1951
19630045208	TITLE OF REPORT IS SECRET, OMITTED FROM CITATION	1951
19640047414	The influence of nozzle profile and reservoir pressure on position of jet detachment in a two-dimensional supersonic nozzle	1951
19640058867	A "schlieren" study of small scale air jets and some noise measurements on two-inch diameter air jets first noise research interim report	1951
19640058987	The r.a.e. 4 feet x 3 feet experimental low turbulence wind tunnel. part iii- measure- ments of turbulence intensity and noise with improved apparatus the r.a.e. 4 feet x 3 feet experimental low turbulence wind tunnel. part iii- measure- ments of	1951
19640059277	Optimum design of multispar wings	1951
19640060286	Trajectory data from mitchell theodolite observations of nike, no. 53, launched 2 november 1950	1951
19640060310	Nbs-naca thermal tables project in the thermodynamics section quarterly report no. 14 ending 31 dec. 1951	1951
19650067989	Fabrication and launch of ablestar stage for project transit contract status report, 1 mar. - 31 mar. 1961	1951
19650067996	The passage of shock waves over oblique obstacles	1951
19650073439	An Investigation of the Low-speed Stability and Control Characteristics of a 1/10-scale Model of the McDonnell Xf3h-1 Airplane	1951
19650078334	Tables of lift and moments coefficients for an oscillating wing-aileron combination in two- dimensional subsonic flow	1951
19650078705	Primary technical studies, volume ii, part iii	1951
19650079082	Statistical theory of nonhomogeneous turbulence, part i	1951
19650080705	[No Title]	1951
19660082344	A summary of work at the naca on flame propagation	1951
19660087610	Measurement of Distortion in Second Experimental Control Rod for Argonne Naval Reactor with Constant Transverse Temperature Gradient and Uniform Longitudinal Temperature Distribution	1951
19660088329	A bar-magnet velocity meter	1951

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088594	[No Title]	1951
19660089029	The effect of leading-edge wedges on the stalling behaviour of the wirraway	1951
19660089324	Observations on the behavior of filaments during chromospheric flares	1951
19660089884	[No Title]	1951
19660090849	An experimental investigation of the flow and stability of liquid streams from small orifices discharging into a gaseous atmosphere	1951
19660090955	Equations for the axial and tangential interference velocities at a propeller blade	1951
19660092484	Tunable noise and distortion measuring set	1951
19670088754	Development of expressions for estimating wing and fuselage weight for interceptor aircraft	1951
19670089842	Seismic refraction survey for nye county, nevada, 25 may - 27 jul. 1951	1951
19670090205	Tables of the primary siacci functions based on the gavre drag function g_i/u	1951
19670090290	Investigation of boundary layer control at high subsonic speeds summary report	1951
19670090420	The ammonia induced decomposition of nitric oxide	1951
19670090453	Formulas for normal force and center of pressure of long bodies of revolution, based on demeritte and darling's experimental results	1951
19670090691	Improvement in precision radar tracking of aircraft at low elevation angles	1951
19670091025	Manometers in pulsating systems	1951
19670091372	Ram jet test vehicle progress report, jul. - sep. 1951	1951
19670094740	Two-dimensional supersonic nozzle design part i - theory	1951
19670095234	The use of freely rotating blade rows to improve velocity distribution in an annulus	1951
19680086000	The effect of the undulations of the geoid on guided missile paths	1951
19680086898	Flight path stability and control in relation to all weather flying	1951
19680088530	Conduct of firing of aerobee, apl-a21	1951
19680088794	Further performance data for aerofoils having c.1, c.2 or c.4 base profiles on circular arc camber lines	1951
19680088860	Existence of consistent estimates of the directional parameter in a linear structural relation between two variables	1951
19680088864	Theory of detonations	1951
19680088869	Investigation of methods for the determination of viscosity of composition b and other binary explosives	1951
19680088895	Exponential-line section pulse transformers. part 1 - lumped circuit analogs of tapered transmission lines	1951
19680088896	An optimum procedure for classifying each of an infinite sequence of observations into one of two classes	1951
19680088999	Weather conditions on a north atlantic air route	1951
19680089383	Monthly research report, june 1951 /u/	1951
19680089514	Perturbation of free surface flows	1951
19680089640	Sound scattering by solid cylinders and spheres	1951
19680090856	Radio course directing set an/frw-1/xw-1/ interim engineering report, 16 oct. - 15 nov. 1951	1951
19680090936	Non-linear vibration problems treated by the averaging method of w. ritz. part 1 - fundamentals of the method	1951
19680091462	Air to ground visibility for bomb aiming	1951
19680092505	Diffraction by spheres and edges at 1.25 centimeters	1951
19690089901	An influence exerted by the sun on the human blood serum	1951
19690092043	Calculation of heat flow in welding	1951
19690092158	An investigation of the suitability of the Split Wing Ram Set for the Triton missile	1951
19690093980	Review of wave drag theories	1951
19700092138	Comparison of the performance of welds made with austenitic and ferritic electrodes on 1 1/2 inch armor when ballistically shock tested at various temperatures Test report, 10 Jun. - 16 Jul. 1951	1951
19710065235	Calculated Performance of a Direct-Air Nuclear Turbojet-powered Airplane Using a Split-flow Reactor and a Separated-Type Shield	1951
19710066884	An investigation of the transient heat transfer between a tube and the fluid flowing through the tube	1951
19710066947	A theoretical investigation of the effects of the fuselage on the spanwise lift distribution of a wing	1951
19710066984	Flutter of a control surface in a single degree of freedom based on potential flow including the effect of compressibility	1951
19710067010	Theoretical study of lift and moment on oscillating triangular and related wings with supersonic edges	1951
19710067134	Low speed investigation of a semisubmerged air scoop with and without boundary layer suction	1951
19710067135	A reevaluation of assumptions in the turbulent boundary-layer equations with regard to the momentum theorem	1951
19710067172	Experimental investigation of localized regions of laminar boundary layer separation	1951
19710067196	An experimental investigation of the effects of two inlet boundary layer conditions on the performance of a 12 deg conical diffuser operating at subsonic Mach numbers up to Mach number 1.0	1951
19710067198	The investigation of the jet boundary interference on the trailing vortices of a lifting model in a circular test section with a mixed boundary by means of the velocity potential electrical analogy	1951
19710067199	Design of a flexible walled supersonic nozzle	1951
19710067201	Torsion and transverse bending of cantilever plates	1951
19710072960	The burning of single drops of fuel in air at pressures up to twenty atmospheres	1951
19710082492	Vibration test of N-25 elevon and balance weight	1951
19710082493	Proposal for "Shepard" and "Flock" guidance of Snark missiles	1951

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082806	Orientation of the telescope platform with respect to a time specified trajectory for the Mark O guidance system	1951
19710082882	The temperature control system for the first nighttime automatic sextant /Octave 2-1/	1951
19710083076	Mark O accelerometer assembly procedure	1951
19710083172	Ground vibration test of XSSM-A-3 missile /N-25A/	1951
19710083224	Analyses of circular scanners and associated signal-to-noise ratios	1951
19710083225	The 84-minute oscillation and its damping by doppler radar	1951
19720070651	Evaluation of the Scott type A oxygen demand inhalator	1951
19720077884	A new form of heat engine utilizing pressure waves (U)	1951
19750069216	An investigation of combustion vibrations in liquid propellant rocket engines	1951
19750069646	Analysis of the liquid-metal turbojet cycle for propulsion of nuclear powered aircraft	1951
19770085433	General specifications for the safety margins required for guided missile components	1951
19780077723	Aerodynamic data, flight criteria, and unit load distributions for structural design of the model 340 airplane turboprop configuration	1951
19780077729	Model 340 main fixed and movable control surface flutter analysis	1951
19780077824	Wing stress analysis, model 340, part 1	1951
19780086458	Tests of Wesmont marine resupply container	1951
19790079629	Annual report, 1951	1951
19810075706	NACA conference on turbine materials and cooling. A compilation of the papers presented	1951
19870067948	Author index to index of NACA technical publications, 1915-1949	1951
19880069002	Pressure distribution on lifting surfaces	1951
19880069036	Generalization of a method of determining the stability of arbitrarily arranged vortex trails	1951
19880069037	Stability of vortex trails	1951
19880069039	Theory of diffusion processes in moving fluids (hydrodynamics of large Prandtl number)	1951
19880069076	The dielectric strength of titanates of metals of the second group of Mendeleev's table	1951
19880069089	Solution of minimum problems of the airfoil theory	1951
19880069103	Heat emission of small particles	1951
19880069106	Application of Kochin's method to the study of the equilibrium state of two-parameter vortex streets	1951
19880069125	On the question of whether all the roots of an algebraic equation have a negative real part (stability problem)	1951
19880072145	Titanium-alloy phase diagrams for the systems titanium-manganese, titanium-tantalum, and titanium-tungsten	1951
19890067973	Lift and moment interference of wings and bodies. Part 1: Lift and moment interference at zero angle of bank	1951
19910073729	Effects of horizontal-tail position, area, and aspect ratio on low-speed static longitudinal stability and control characteristics of a 60 deg triangular-wing model having various triangular-all-movable horizontal tails	1951
19930086401	Flight investigation of the effect of sideslip on the pressure at the static orifices of the Boeing B-29 airplane	1951
19930086466	Calculated performance of a direct-air nuclear turbojet-powered airplane using a split-flow reactor and a separated-type shield	1951
19930086469	Horizontal-tail Effectiveness and Downwash Surveys for Two 47.7 Degree Sweptback Wing-fuselage Combinations with Aspect Ratios of 5.1 and 6.0 at a Reynolds Number of 6.0×10^6 (exp 6).	1951
19930086478	Lift, Drag, and Pitching Moment of Low-aspect-ratio Wings at Subsonic and Supersonic Speeds : Triangular Wing of Aspect Ratio 2 with NACA 0005-63 Thickness Distribution, Cambered and Twisted for a Trapezoidal Span Load Distribution	1951
19930086491	Effects of Several Arrangements of Rectangular Vortex Generators on the Static-pressure Rise Through a Short 2:1 Diffuser	1951
19930086508	A finite step method for the calculation of span loadings of unusual plan forms	1951
19930086529	Characteristics of Flow over Inclined Bodies of Revolution	1951
19930086537	An Investigation of the Hydrodynamic Characteristics of a Jet-powered Dynamic Model of the DR 56 Flying Boat : TED No. NACA DE 328	1951
19930086549	An Investigation of the Spray Characteristics of a Jet-powered Dynamic Model of the Drag Flying Boat with a Vee Tail : TED No. NACA DE 328	1951
19930086554	The properties of three cast polyester resins of Sierracin 212, 212A, and 250A	1951
19930086562	Estimated strategic virgin metal requirements for eight production aircraft gas turbine engines	1951
19930086572	Effects of humidity during fabrication on some physical properties of glass-fabric unsaturated-polyester laminates	1951
19930086593	Review of current and anticipated lubricant problems in turbojet engines	1951
19930086618	Notes on heat-resistant materials in Britain from technical mission October 13 to November 30, 1950	1951
19930086666	Investigation of Torsion Creep-to-rupture Properties of N-155 Alloy	1951
19930086681	Flight Determination of the Effects of Wing Vortex Generators of the Aerodynamic Characteristics of the Douglas D-558-I Airplane	1951
19930086710	Stability and Control Characteristics at Low Speed of a 1/5-scale Model of the EDO 142 Hydro-ski Research Airplane	1951
19930086733	Compilation and review of effects of design parameters on ditching characteristics	1951

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930086735	Measurement of Distortion in Second Experimental Control Rod with Temperature Patterns Simulating Shim Rod Out and Shim Rod 50 Percent Inserted for Argonne Naval Reactor / A. F. Lietzke and T. F. Nagey	1951
19930086760	A flight investigation utilizing rocket-propelled test vehicles of the damping in roll and rolling effectiveness including aeroelastic effects of models of the XAAM-N-2 (Sparrow) missile with tails interdigitated : TED No. NACA DE 332	1951
19930086801	Free-spinning Tunnel Investigation of the 1/21-scale Model of the Chance Vought F7U-3 Airplane : TED No. NACA DE 362	1951
19930086814	Properties of Low-carbon N-155 Alloy Bar Stock from 1200 to 1800 F	1951
19930086819	Cooperative Investigation of Relationship Between Static and Fatigue Properties of Heat-resistant Alloys at Elevated Temperatures	1951
19930086827	Free-spinning characteristics of a 1/21-scale model of the Douglas AD-3W Airplane : TED No. NACA DE 329	1951
19930086842	Pressure Pulsations on Rigid Airfoils at Transonic Speeds	1951
19930086852	Free-spinning Tunnel Investigation of a 1/20-scale Model of the McDonnell F2H-3 Airplane	1951
19930086860	Free-spinning-tunnel investigation to determine the effect of two nose designs on spin and recovery characteristics of a 1/20-scale model of the McDonnell XF3H-1 airplane : TED No. NACA DE 343	1951
19930086878	Transonic-wing Investigation in the Langley 8-foot High-speed Tunnel at High Subsonic Mach Numbers and at a Mach Number of 1.2 : Analysis of Pressure Distribution of Wing-fuselage Configuration Having a Wing of 45 Degrees Sweptback, Aspect Ratio 4, t	1951
19930086882	Hydrodynamic Investigation of a 1/13-scale Model of the Consolidated Vultee Skate 7 Seaplane Equipped with Twin Hydro-skis : TED No. NACA DE 342	1951
19930086893	Altitude-ignition limit of a turbojet engine using a condenser-discharge ignition system / John C. Armstrong	1951
19930087070	Altitude-test-chamber investigation of performance of 38-inch-diameter ram-jet-engine combustor	1951
19930087084	An Investigation of the Low-speed Stability and Control Characteristics of a 1/10-scale Model of the McDonnell XF3H-1 Airplane : TED No. NACA DE 344	1951
19930090331	Flying qualities of a high-performance personal-owner airplane	1951
19930090350	Analysis of the liquid-metal turbojet cycle for propulsion of nuclear powered aircraft	1951
19930090385	Resistance of Various Materials to Attack by Molten Bismuth-lead Eutectic at Elevated Temperatures	1951
19930090393	Flight Performance of a Twin-engine Supersonic Ram Jet from 2,300 to 67,200 Feet Altitude	1951
19930092377	Manual for NACA editors	1951
19930094867	NACA Conference on Aircraft Structures	1951
19940041225	Possible existence of a beta-particle different from an electron	1951
20020042079	Two Cases of Chronic Human Glanders Treated with Sulfamides	1951
20060048842	Varieties of Pasteurella Pestis: New Hypothesis	1951
20100021164	History of NACA Transonic Research	1951
20130014725	The Effect of Deformation on the Potentials of Metals	1951
20140000211	Corrosion of Surface Treated Aluminum Alloys	1951
20140000274	Construction of a High-speed, Motion-picture Camera	1951
20150011164	Remarks at the Symposium on Standardization in Technical Information Services for Government Contractors	1951
20150011165	Jet Engines for War	1951
20150011206	NACA Conference on Aircraft Loads - A Compilation of the Papers Presented	1951
20150011287	Aerodynamic Design Problems of Supersonic Guided Missiles	1951
20150014384	Torsional Strength of Stiffened D-Sections Part II	1951
20150014398	A New Technique in Experimental Calculation by Means of Rheoelectric Analogies	1951
20150014406	Recent Studies on Wing Flutter	1951
20150014512	Summary of NACA Research on Antiknock Characteristics of Hydrocarbons and Ethers	1951
20150014514	On the Problem of Solution of the Flight-Mechanical Equations of Motion with Assumption of Unsteady Air Forces	1951
20150015134	A Study of the Spinning Problem of Light Airplanes with Particular Emphasis on the Design Requirements for Meeting CAA Spinning Standards	1951
20150015141	'Selectivity in the Formation of Fatigue Cracks During the Working of Steel in a Corrosive Medium' and 'Adsorptive Beginning of the Corrosive Fatigue of Metals'	1951
20150015484	Sound Level Test of XB-47 Airplane	1951
20150015592	The Lift Distribution Over the Wings of an Airplane I - Spanwise Lift Distribution	1951
20150015593	The Theory of Gases at High Speed Principles and Suggestions for the Design of Turbines	1951
20150015626	An Approach to the Problem of Developing Function Satisfying Boundary Conditions of Plate Theory	1951
20150015740	NACA Conference on High-Speed Airplane Aerodynamics. A Compilation of the Papers Presented	1951
20150015786	The Use of Light Gases for Closed-Cycle Heat Engines	1951
20150015787	The Calculation of the Profile Drag	1951
20150015808	The Role of Physics in Aeronautical Development	1951
20150015809	Corrosion of Aluminum-Zinc-Magnesium-Copper Alloys	1951
20150015810	Theoretical and Experimental Investigation of the Structural Characteristics of Tapered Sweptback Wings	1951
20150015854	Chemical Preparation of Aluminum Borohydride and Its Testing in Rocket Engines	1951

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150015874	Effect of Low-Temperature and Subatmospheric Chamber Pressure on Ignition Delay of RFNA-Aniline-Furfuryl Alcohol Propellant Systems	1951
20150016988	The Classification of One-Dimensional Flows and the General Shock Problem of a Compressible, Viscous, Heat-Conducting Fluid	1951
20150016999	Surging in Centrifugal and Axial-Flow Compressors	1951
20150017020	Some Synthetic Theorems of Elasticity and Mathematical Physics; Their Development from the Practical Point of View. Three Methods of Successive Approximation	1951
20150017022	On The Influence of the Support Conditions on the Stability of a Curved Plate Under Compression	1951
20150017078	A Method of Solving the Nonlinear Differential Equations of Atmospheric Tides with Application to an Atmosphere of Constant Temperature	1951
20150017080	The Effective Width of Infinitely Long, Flat Rectangular Plates Under Various Conditions of Edge Restraint	1951
20150017097	Determination of Purely Circulatory Flow About Cascade of Airfoils	1951
20150017098	The Interference Effect of a Wind Tunnel with Mixed Contour	1951
20150017099	Influence of the Fluid Boundaries on the Longitudinal Stability of Bodies	1951
20150017101	Purpose, Ways, and Constructive Evaluation of Flow Research	1951
20150017604	The Calculation of the Potential Flow Past Blades in Cascades	1951
20150017605	Critical Review of the Various Reports on the Instability of Flat Sandwich Plates	1951
20150017619	Asymptotic Solutions of the Stability Equations of a Compressible Fluid	1951
20150017629	The Hydrodynamic Theory of Heat Exchange and its Application to the External Problem of the Boundary Layer	1951
20150017642	Atmospheric Oscillations and the Temperature Profile of the Upper Atmosphere	1951
20150017661	The Heat Conductivity of Aqueous Solutions of Strong Electrolytes	1951
20150017708	Asymptotic Expansion of the Whittaker's Function $W_{(sub k,m)}(z)$ for Large Values of k, m, z	1951
20150017711	Bending of Thin Plates with Small Compound Curvature	1951
20150017714	Integration in Quadratures of Equation of Plane Uniform Problem of Theory of Plasticity with Account Taken of Hardening of Material	1951
20150017915	High-Precision Regulated DC Power Supply	1951
20150017929	The Calculation of Boundary Layer Stability on a Flat Surface with Heat Transfer Using an Integral Solution for the Mean Flow	1951
20150017931	Experimental Investigations on an Axial Blower Stage	1951
20150017995	High-Temperature Metal-to-Metal Adhesives	1951
20150018654	Forces Produced by Fuel Oscillations	1951
20150018943	Memorandum Report: Phase 2 Flight Tests of the Cessna L-19A Airplane	1951
20150019547	A Theoretical and Experimental Investigation of Plates Reinforced by Ribs	1951
20150019563	A New Method in the Dynamics of a Viscous Fluid	1951
20150019816	Brief Empirical Report on the Elimination of Oscillatory Yaw, Parts 1-3	1951
20150021926	Copies of Slides to be Presented at NACA Conference on High-Speed Airplane Aerodynamics	1951
20160000742	Table of the First Moment of Ranked Extremes	1951
20160000821	Some Research on High-Speed Flutter	1951
20160000822	Description of Unusual Sound Instrumentation Used at the Lewis Laboratory	1951
20160000831	Optical Investigations in a Particular Inhomogeneous Medium	1951
20160000849	The Design and Performance of an Air-Drying System for a Supersonic Wind Tunnel	1951
19630003317	AN ANALYSIS OF A NUCLEAR POWERED SUPERCRITICAL-WATER CYCLE FOR AIRCRAFT PROPULSION	1952
19630003990	ROCKET-MODEL INVESTIGATION OF THE ROLLING EFFECTIVENESS OF A FIGHTER-TYPE WING-CONTROL CONFIGURATION AT MACH NUMBERS FROM	1952
19630038251	TOTAL-PRESSURE-RECOVERY CHARACTERISTICS OF A MODEL OF THE MCDONNELL XF3H-1 INLETS AND FOREBODY IN A FREE JET AT A MACH NUMBER OF 1.55	1952
19630043555	AERODYNAMIC DEMONSTRATION OF H05S-1 HELICOPTER FOR THE BUREAU OF AERONAUTICS	1952
19630043611	THE PARTICLE SIZE OF SOLID INGREDIENTS IN PLASTIC PROPELLANTS	1952
19630044291	INVESTIGATION OF THE EFFECT OF THE LENGTH/DIAMETER RATIO OF A SMALL-SCALE COMBUSTION CHAMBER ON WEAK FLAME STABILITY LIMITS LABORATORY REPORT	1952
19630044304	THE HEAT CAPACITY OF LITHIUM FLUORIDE FROM 0 DEG TO 900 DEG C- THE MELTING POINT AND HEAT OF FUSION	1952
19630044332	RADIOASTRONOMY AT JODRELL BANK, UNIVERSITY OF MANCHESTER	1952
19630044364	SONIC BANGS- A QUALITATIVE EXPLANATION	1952
19630044385	PRESSURE LAG IN THE PIPING OF THE MK. V TRAILING STATIC HEAD	1952
19630045365	MEASUREMENTS OF THE PERFORMANCE OF A CASCADE OF COMPRESSOR BLADES UNDER VARIOUS DEGREES OF INTENSITY OF TURBULENCE IN THE INCIDENT AIRSTREAM	1952
19630045384	RADAR REFLECTION CHARACTERISTICS, VOLUME III /U/ BIBLIOGRAPHY	1952
19630045412	RADAR REFLECTION CHARACTERISTICS, VOLUME I	1952
19630045455	RESEARCH ON ULTRA-HIGH IMPULSE PROPELLANT SYSTEMS /U/ PROGRESS REPORT NO. 10	1952
19640058433	An approach to system error analysis	1952
19640059012	Vibration calibrator. final report instruction book	1952
19640059276	Optimum design of multispar wings addendum	1952

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062279	Development of welding techniques and filler metals for high strength aluminum alloys third quarterly report, 1 jan. - 31 mar. 1965	1952
19650073441	Supplementary Free-spinning-tunnel Investigation of a 1/20-scale Model of the McDonnell F2h-3 Airplane with External Stores Installed	1952
19650077492	NACA Conference on Supersonic Missile Propulsion. A Compilation of the Papers Presented	1952
19650078215	High temperature metal to metal adhesives progress report no. 7, jun. 1952	1952
19650078244	An investigation of airplane accelerations due to large-scale air turbulence, and of the power spectral densities of the turbulence	1952
19650078658	[No Title]	1952
19650082263	Prediction of fuselage and hull structure weight	1952
19660083009	Preliminary survey of airplane combat fire problem	1952
19660088526	Measurements of thrust from convergent-divergent propelling nozzles	1952
19660088703	Analytical determination of miss distances for linear homing navigation systems	1952
19660089219	Experimental determination of the degree of cooling of spray droplets	1952
19660089322	Canadian paper for the commonwealth advisory committee on defence science. meeting of service psychologists. item 8- psychological effects of extreme thermal conditions	1952
19660089627	5 inch.0 rocket heads mk 25 mod 1 with steel cones partial report no. 6 /final/	1952
19660091774	Protection and decontamination of land targets and vehicles	1952
19660091824	Foxhole shielding of gamma radiation	1952
19660092135	Tables of multhopp's influence functions	1952
19670088376	Wind tunnel tests of the xq-2 target airplane. part 3 - aerodynamic force and moment characteristics of the airplane	1952
19670089832	Engineer soil mechanics tests	1952
19670090445	Subjective effects of different rotational velocities	1952
19670090482	On the stability of laminar boundary layer flow	1952
19670090670	The rocket racket in three easy lessons	1952
19670091023	Flow and torque characteristics of butterfly valves at subcritical and supercritical pressure ratios	1952
19670091358	Ram jet test vehicle progress rept., jan. - mar. 1952	1952
19670091435	Ram jet test vehicle progress report, apr. - jun. 1952	1952
19670091650	X-7 ramjet test vehicle progress report, jul.-sep. 1952	1952
19670093244	The inhibition of gas phase reactions of zirconium by anodic oxide films - part i	1952
19670094934	Correlators for signal reception technical memo no. 27	1952
19680086789	Flow visualization using air afterglow excited by a cross stream 60 cycle discharge	1952
19680086819	Improved solutions of the falkner and skan boundary layer equation	1952
19680087362	Recommended definition of turbulent friction in incompressible fluids	1952
19680088933	Some thermodynamic properties of methane adsorbed on rutile between 80 deg and 140 deg k	1952
19680089000	Weather conditions on an atlantic air route	1952
19680089149	Some recent developments in synoptic meteorology	1952
19680089150	Excerpts from forecasting in middle latitudes	1952
19680089151	A modification of the j. j. george objective forecasting method for cyclones	1952
19680089152	Use of the pastagram in pressure-height computations	1952
19680089153	Techniques for estimating the heights of constant pressure surfaces	1952
19680089154	Cavt tables	1952
19680089155	Use of check list for deepening	1952
19680089156	Behavior of twenty four hour height tendency patterns at 500 millibars	1952
19680089157	Preliminary report on a statistical study of blocking patterns at the 500 millibar level	1952
19680089158	The use of skill score in verification	1952
19680089159	Table for geostrophic wind	1952
19680089160	Typhoon forecasters guide	1952
19680089501	Electromagnetic scattering from wedges and cones	1952
19680090695	Shielding effect of walls	1952
19680091124	Note on the rapid estimation of the low speed hinge moments of unbalanced unswept controls	1952
19680093473	Summary of research progress meeting of May 8, 1952	1952
19690086868	Electrical analogues for the solution of problems concerning the extension and flexure of flat elastic plates	1952
19690089525	Mathematical study of thermal processes relating to reaction rates in solid fuels	1952
19690092775	The Nature of the Boundary Layer Flow at the Nose of a Swept Wing	1952
19690093982	A study of size and speed of hydrofoil craft Technical report	1952
19700082434	A simple estimate of the profile drag of swept wings	1952
19700088760	Tests in waves of a small model of a hydrofoil craft Technical report	1952
19700088837	Sea conditions and their influence on hydrofoil lift Technical report	1952
19700088839	Take-off performance of hydrofoil craft Technical report	1952
19700088987	Effects of the earth's rotation on trajectories of the angled arrow projectile	1952
19700089905	The estimation of pressure recovery and drag of conical centre body intakes at supersonic speeds	1952
19710064912	Analysis of a nuclear-powered liquid-metal ducted-fan cycle	1952
19710064913	Analysis of a liquid-metal turbine-propeller cycle for propulsion of low-speed nuclear-powered aircraft	1952

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710065188	Measurements of Pressure Drop with No Heat Addition on Mockup Segments of the General Electric Air-Cooled Aircraft Reactor	1952
19710066925	The development of an experimental technique for determining the forces and moments on models in spinning attitudes and a study of results obtained	1952
19710067061	An analytical study of the gust-load alleviation obtained by means of a normal- acceleration-controlled flap	1952
19710067133	Matrix analysis of a plane truss, containing built-up and nonuniform members, for secondary stresses and elastic instability	1952
19710067162	An experimental and analytical investigation of the flutter and divergence of large masses at the ends of short struts	1952
19710067197	Creep analysis of a simple column under constant load	1952
19710082641	Report on the computation of water drop trajectories about a six percent airfoil at zero and four degrees angles of attack, F89-F	1952
19730064732	Sonic bangs. A qualitative explanation	1952
19740086500	Nature and quantity of gases emitted by plastic materials subjected to flammability tests	1952
19750064565	Instrumentation and research techniques	1952
19750069299	Turbulence stimulation in the boundary layer of planning surfaces. Part 1: Review of analytical and experimental aspects of the subject	1952
19770069924	NACA cermet research	1952
19770072869	Recall of two messages presented in sequential alternate words	1952
19780077825	Wing stress analysis, model 340, part 2	1952
19780078523	On the design of airfoils in which the transition of the boundary layer is delayed	1952
19780078532	Experimental study of the effects of finite surface disturbances and angle of attack on the laminar boundary layer of an NACA 64A010 airfoil with area suction	1952
19780078548	Experimental investigation of boundary-layer suction through slots to obtain extensive laminar boundary layers on a 15 percent-thick airfoil section at high Reynolds numbers	1952
19780078550	Development of a laminar boundary layer behind a suction point	1952
19780078554	Experimental investigation of an NACA 64A010 airfoil section with 41 suction slots on each surface for control of laminar boundary layer	1952
19780078570	Boundary-layer measurements on several porous materials with suction applied	1952
19790083306	The infrared spectrum of a jet exhaust	1952
19790083384	Comparison of radio teleprinter systems using frequency-shift keying, frequency-shift keying with phase modulation, and frequency-shift keying with transmitter shift keying with transmitter diversity	1952
19790083543	Human engineering of aircraft flexible gunnery control systems, part 1. Display of condition information in periscope Mk48 modo	1952
19800069914	National Advisory Committee for Aeronautics. Administrative reports without technical reports	1952
19800078305	Wind tunnel experiments on the prevention of insect contemination by means soluble films and by liquids discharged over the surface (U)	1952
19810080690	Note on the use of rare gases in high speed wind tunnels	1952
19810081255	Valve proportionality effects in aircraft hydraulic flying control systems	1952
19820080771	Boundary layer transition of a sweptback wing	1952
19850080290	Evaluation of the airplane attitude presentation by modified dial horizon attitude indicator	1952
19880069031	Effect on the heat transfer process of radiation and absorption by the medium	1952
19930086929	The effect of various missile characteristics on airframe frequency response	1952
19930086931	Performance comparisons of JFC-2 and MIL-F-5624A (JP-3) fuels in tubular and annular combustors	1952
19930086939	Investigation of Afterburner Performance and Afterburner Fuel System Coking of the Westinghouse XJ34-WE-32 Engine	1952
19930086973	Altitude Wind Tunnel Investigation of High-temperature Afterburners	1952
19930086991	The Aerodynamic Characteristics at Transonic Speeds of an All-movable, Tapered, 45 Degrees Sweptback, Aspect-ratio-4 Tail Surface Deflected About a Skewed Hinge Axis	1952
19930087021	Investigation of effective thermal conductivities of powders	1952
19930087052	Distribution of fissionable material in thermal reactors of spherical geometry for uniform power generation	1952
19930087059	Flight investigation of the aileron effectiveness of the Republic XF-91 airplane over a Mach number range from 0.40 to 0.91	1952
19930087081	Time-history data of maneuvers performed by McDonnell F2H-2 airplane during squadron operational training	1952
19930087107	Preliminary data at a Mach number of 2.40 of the characteristics of flap-type controls equipped with plain overhang balances	1952
19930087127	Supplementary bibliography of NACA reports related to instrumentation and research techniques	1952
19930087130	Preliminary investigation of corrosion by molten sodium hydroxide flowing in tubes of AISI 347 stainless steel, Inconel, and nickel having average outer-wall temperatures of 1500 F and a circumferential temperature gradient of 20 F	1952
19930087135	Calibration of AWS Instrument Shelter in Langley 300 MPH 7- by 10-foot Tunnel	1952
19930087137	A Preliminary Investigation of the Static and Dynamic Longitudinal Stability of a Grunberg Hydrofoil System	1952
19930087158	Thrust Augmentation of a Turbojet Engine by the Introduction of Liquid Ammonia into the Compressor Inlet	1952

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930087171	Low-speed Static Longitudinal Stability and Control Characteristics of 60 Degree Triangular-wing and Modified 60 Degree Triangular-wing Models Having Half-delta and Half-diamond Tip Controls.	1952
19930087181	Development of metal-bonding adhesive FPL-710 with improved heat-resistant properties	1952
19930087200	Notes on the gust problem for high-speed low-altitude bombers	1952
19930087206	Aerodynamic Characteristics at Supersonic Speeds of a Series of Wing-Body Combinations having Cambered Wings with an Aspect Ratio Of 3.5 and d Taper Ratio of 0.2: Effect At M = 1.60 of Nacelle Shape and Position on the Aerodynamic Characteristics in Pitch of Two Wing-Body Combinations with 47 degree Sweptback Wings	1952
19930087210	Preliminary survey of airplane combat fire problem	1952
19930087226	Free-flight Tests at Mach Numbers from 0.8 to 1.4 to Determine the Effect on Zero-lift Drag of Increasing the Leading-edge Bluntness of a 45 Degree Sweptback Wing Having an NACA 65A009 Airfoil	1952
19930087229	Investigation at Mach Number 2.93 of Half of a Conical-spike Diffuser Mounted as a Side Inlet with Boundary-layer Control	1952
19930087233	Dynamic Corrosion of a Stainless-steel Specimen by Water at 500 F Using a Toroid Circulating Apparatus /c Leland G. Desmon, Don R. Mosher	1952
19930087274	Investigation of the Drag of Various Axially Symmetric Nose Shapes of Fineness Ratio 3 for Mach Numbers from 1.24 to 3.67	1952
19930087281	Pressure Drop in Coolant Passages of Two Air-cooled Turbine-blade Configurations	1952
19930087288	Analysis of a Liquid-metal Turbine-propeller Cycle for Propulsion of Low-speed Nuclear-powered Aircraft	1952
19930087292	An analysis of estimated and experimental transonic downwash characteristics as affected by plan form and thickness for wing and wing-fuselage configurations	1952
19930087304	Measurements of Pressure Drop with No Heat Addition on Mockup Segments of the General Electric Air-cooled Aircraft Reactor	1952
19930087319	Stability and Control Flight Tests of a 0.13-scale Model of the Consolidated-vultee XFY-1 Airplane in Take-offs, Landings, and Hovering Flight : TED No. NACA DE 368	1952
19930087322	Flight Determination of the Longitudinal Stability of a 1/10-scale Rocket-powered Model of the Northrop MX-775A Missile at Low Lift Coefficients and Mach Numbers from 0.89 to 1.34	1952
19930087344	Measurements of Thermal Distortion of the Submarine Intermediate Reactor "mark A" Moderator Tube	1952
19930087345	Dynamic corrosion of AISI 347 stainless steel by sodium at 1500 F	1952
19930087355	Free-spinning-tunnel Investigation of a 1/30-scale Model of the Grumman XS2F-1 Airplane : TED No. NACA DE 366	1952
19930087374	A Wind-tunnel Investigation of the Stability of the Antisubmarine Rocket MK 1 Mod 0	1952
19930087376	Longitudinal stability and estimated flying qualities of the Douglas XF4D-1 airplane with and without external stores and rocket packets at Mach number from 0.8 to 1.36 as determined from flight tests of 0.10-scale rocket models : TED No. NACA DE 349	1952
19930087410	Free-flight-tunnel investigation of the stability and control of a republic F-84E airplane towed by a short towline	1952
19930087770	Supplementary free-spinning-tunnel investigation of a 1/20-scale model of the McDonnell F2H-3 airplane with external stores installed : TED No. NACA DE 2393	1952
19930087853	Effect of current design trends on airplane spins and recoveries	1952
19930090600	Transient data obtained during altitude starts of J47-GE-17 afterburner	1952
19940041479	Ionization chamber insulating material	1952
19960006877	Deflection and diffusion of a light ray passing through a boundary layer	1952
19960024312	Antioxidant Properties of Tenamene 2	1952
19960027478	Fatigue of Sandwich Constructions for Aircraft. (Glass-Fabric-Laminate Facing and Alkyd Isocyanate Foamed-in-Place	1952
20020016534	A Metallurgical Study of Molybdenum	1952
20020022250	Creep of 2S-0 Aluminum Sheet at 500 and 550 C	1952
20150013579	NACA Cermet Research: Talk to be presented at the Wright Air Development Center "Ceramic Conference on Cermets"	1952
20150013581	The NACA Recoverable-Model Technique for Obtaining Aerodynamic Research Data at Transonic Speeds	1952
20150014041	Transonic Lift Characteristics of a Double-Wedge Profile with Detached Bow Wave	1952
20150014654	A Theory of Fatigue Based on a Statistical Distribution of Grain Size	1952
20150014998	Role of Triple Collisions in Excitation of Molecular Vibrations	1952
20150015595	Report on Development and Preliminary Tests of a Rotating Viscosimeter	1952
20150015646	Longitudinal Stability at High Airspeeds	1952
20150015654	The Effects of Air Condensation on Properties of Flow and Their Measurement in Hypersonic Wind Tunnels	1952
20150015655	Comparative Efficiency in Bending of Structural Elements of Various Designs and Solidity	1952
20150015656	A Mixing Theory for the Interaction Between Dissipative Flows and Nearly-Isentropic Streams	1952
20150015659	Drag on a Rotating Cylinder at Low Pressures	1952
20150015660	Shear Flow in Bends	1952
20150015670	On The Statics of Thin Aircraft Wings	1952
20150015691	Miniature Pressure Cells	1952
20150015733	Laminar and Turbulent Boundary Layers in a Rotating Pipe - A Preliminary Theoretical and Experimental Investigation	1952

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150015763	Exploratory Investigations of the Resistance of Some Metals Under Stress	1952
20150015781	On the Reciprocal Effects Between Shock Absorber Strut and Tire at Landing Impact of Airplane Undercarriages	1952
20150015782	The Problem of Rolling-Impact Stress of Airplane Landing Gears	1952
20150015851	The Strength of Cylindrical Shells, Stiffened by Frames and Bulkheads, Under Uniform External Pressure on All Sides	1952
20150015853	The Use of Doubly Refracting Solutions in the Investigation of Fluid Flow Phenomena	1952
20150015873	Protection of Molybdenum Against Corrosion at High Temperatures	1952
20150015875	A Semi-Automatic, Size-Differentiating Droplet Counter	1952
20150015877	Considerations Entering into the Selection of Probes for Pressure Measurement in Jet Engines	1952
20150015878	Applications of the Constant Temperature Hot-Wire Anemometer to the Study of Transient Air-Flow Phenomena	1952
20150015879	Circulation Distribution in Multistage Axial Turbines	1952
20150015880	Variation of the Pressure Limits of Flame Propagation with Tube Diameter for Propane-Air Mixtures	1952
20150016214	Some Physical-Chemical Studies of System Hydrazine-Hydrazine Nitrate-Water	1952
20150016652	Forms of Wing Flutter in Two-Dimensional Compressible Potential Flow	1952
20150017077	Contribution to the Nonsteady Laminar Boundary Layer on Plane Walls	1952
20150017093	An Investigation of the Torsion Creep-to-Rupture Properties of Alloy N-155	1952
20150017103	Contributions to the Hot-Wire Method	1952
20150017442	A Study of the Relations Between Micro and Gross Solution Potentials and Susceptibility to Intergranular Corrosion of a 24S Aluminum Alloy and Some Austenitic Stainless Steels	1952
20150017643	Contribution to the Wing Theory for Slightly Inhomogeneous Parallel Flow	1952
20150017644	The Phugoid Oscillation of the Airplane with Consideration of Unsteady Air Forces	1952
20150017658	Address Given at Lewis Flight Propulsion Laboratory	1952
20150017706	Stress Corrosion in Aircraft Alloys	1952
20150017709	On the Additional Lift Caused by a Compression Shock	1952
20150017712	The Problem of Flow Around a Body in Incompressible Potential Flows	1952
20150017927	A Method of Selecting Rocket Thrust for Experimental Supersonic Airplanes	1952
20150017996	The Growth or Collapse of a Spherical Bubble in a Viscous Compressible Liquid	1952
20150018206	Fatigue Testing Under Progressive Loading. A New Technique for Testing Materials	1952
20150018207	Non-Linear Vibration Problems Treated by the Average Method of W. Ritz	1952
20150018208	Studies on the Validity of the Hydraulic Analogy to Supersonic Flow	1952
20150018209	Hydrodynamics of Slamming of Ships	1952
20150018210	A Simple Method of Approximation Applicable to Some Problems Depending on a Minimum Principle: Two Notes on the Eigenvalues of a Membrane	1952
20150018649	On the Stability of Laminar Boundary Layer Flow	1952
20150018652	Aerodynamic Load Distribution over the Tail Fins of the V-2 Missile Provided as Basis for Structure Design	1952
20150018655	The Laminar Jet Mixing of Two Compressible Fluids	1952
20150018656	Thermodynamic Properties of Gaseous Difluorodichloromethane (Freon-12)	1952
20150018824	Hypersonic Viscous Flow Over a Flat Plate	1952
20150019312	Electrical Techniques for Time Lag Compensation of Thermocouples Used in Jet Engine Gas Temperature Measurements	1952
20150019313	Turbulence Stimulation in the Boundary Layer of Planing Surfaces	1952
20150019405	Notes on the Preparation of Figures for Technical Papers	1952
20150019550	Breaking down of Crystal Blocks and Appearance of Microstresses in the Metal During Plastic Deformation	1952
20150019564	On the Boundary Conditions of a New Method in the Dynamics of a Viscous Fluid	1952
20150019570	Approximate Calculation of Axi-Symmetric Flow Near the Vertex of a Body Traveling at High Supersonic Speeds	1952
20150019573	Mechanical Properties of Intermetallic Compounds at Elevated Temperatures	1952
20150019574	Application of Transonic Similarity Considerations to Flow Along a Wave-Shaped Wall	1952
20150019576	Turbulent Flow in Convergent Channels	1952
20150019718	Attenuation of Light in the Earth's Atmosphere and Related Problems	1952
20150019719	Buckling of Cylinders of Sandwich Construction in Axial Compression	1952
20150019720	Measurements of Turbulence Decay and Turbulent Spectra Behind Grids	1952
20150019800	Effect of Interaction Among Probes, Supports, Duct Walls and Jet Boundaries on Pressure Measurements in Ducts and Jets	1952
20150019801	Combustion in the Mixing Zone Between Two Parallel Streams	1952
20150019974	The Plastic Deformation of Single Crystals of Aluminum	1952
20150019975	Spectral Energy Distribution in Radiation Due to Encountering Shock Waves	1952
20150021907	Index of NACA Technical Publications: 1949 - May, 1951	1952
20160000273	Combustion Research in the United States	1952
20160000494	The NACA Smoke Flow Wind Tunnel	1952
20160000915	Automatic Fire Detection for the Home	1952
19630003405	NONUNIFORM BURNUP AND POISONING EFFECTS IN A REACTOR AND VALIDITY OF UNIFORM APPROXIMATION	1953

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630008768	A DESIGN AND PERFORMANCE STUDY OF THE NUCLEAR DIRECT-AIR-CYCLE SUPERSONIC AIRPLANE, INCLUDING THE EFFECTS OF OPERATING TEMPERATURES AND FUEL PLATE MATERIAL AND THICKNESS	1953
19630037794	WIND-TUNNEL INVESTIGATION AT LOW-SPEED OF THE STATIC LATERAL AND LONGITUDINAL STABILITY CHARACTERISTICS OF A 1/10-SCALE MODEL OF THE DOUGLAS A4D-1 AIRPLANE	1953
19630037824	FREE-FLIGHT INVESTIGATION OF THE STABILITY CHARACTERISTICS OF 1/6-SCALE ROCKET-PROPELLED MODELS OF THE BELL MX-776	1953
19630041910	OPTIMIZATION LINEAR CLOSED-LOOP SYSTEMS WITH APPLICATION TO TURBOJET ENGINE CONTROLS	1953
19630044273	MEASUREMENTS OF UPWASH AROUND INCLINED BODIES AT A MACH NUMBER OF 1.91	1953
19630044489	BUREAU OF AERONAUTICS PROGRAM FOR DEVELOPMENT OF INTEGRATED PRESENTATION OF FLIGHT INFORMATION	1953
19640057411	The physics of outdoor sound	1953
19640058070	Survey of the downwash field behind rectangular, trapezoidal, and delta wings at mach numbers 1.71, 1.99 and 2.50	1953
19640058343	High speed wind tunnel tests of a .0858 scale model of the xf-104 airplane in the ames 6x6 wind tunnel	1953
19640058741	Aircraft and engine performance tests of model f3d-2 airplane with experimental shallow slope tailpipes installed letter report no. 1	1953
19640059228	Computation of the 500 mb height tendency in a baroclinic atmosphere, using an electronic computer	1953
19640060114	Boundary layer control by injection from air- craft gas turbine engines	1953
19640060362	The upper tolerable levels of warmth for acclimatized european men working in the tropics a report to the climatic efficiency subcommittee	1953
19650068765	A review of surface effects on the mechanical properties of metal	1953
19650069279	The design of optimum linear systems	1953
19650071580	Measurements in the Boundary Layer on a Smooth Flat Plate in Supersonic Flow. II- Instrumentation and Experimental Techniques at the Jet Propulsion Laboratory	1953
19650071581	Measurements in the Boundary Layer on a Smooth Flat Plate in Supersonic Flow. III- Measurements in a Flat-Plate Boundary Layer at the Jet Propulsion Laboratory	1953
19650072428	The liquid-phase mixing of a pair of impinging streams	1953
19650073714	Drag and Static Stability at Low Lift of Rocket-powered Models of the Convair MX-1626 Airplane at Mach Numbers from 0.7 to 1.5	1953
19650073719	The Effects of Extensible Rocket Racks on Lift, Drag, and Stability of a 1/10 Scale Rocket-boosted Model of the McDonnell XF3H-1 Airplane for a Mach Number Range of 0.60 to 1.34	1953
19650074002	An investigation of the dynamic and static stability characteristics of a group of specialized store configurations at transonic speeds	1953
19650075703	Results of a power-on flight of a 1/10-scale rocket-propelled model of the convair xf2y-1 airplane at a mach number of 1.53	1953
19650078205	[No Title]	1953
19650078563	Evaluation of the performance of a liquid fluorine-ammonia propellant system bimonthly progress report no. 7, period ending 31 jul. 1953	1953
19650078572	An evaluation of the performance of a fluorine-ammonia propellant system	1953
19650078926	[No Title]	1953
19650079414	[No Title]	1953
19650079580	[No Title]	1953
19650081277	Model specification, united states air force model b-58, convair model 4, high altitude, long range, strategic bomber equipped with four general electric j79-ge-1 turbo jet engines	1953
19650081689	Description of the fluorine ammonia rocket test installation for 3000-pound thrust operation	1953
19650082862	[No Title]	1953
19650082910	Shoulder harness webbing - a comparison of dacron, nylon, and cotton	1953
19660081966	Stability and Control Characteristics at Low Speed of a 1/10-Scale Model of MX-1554A Design	1953
19660081969	Stability and Control Characteristics at Low Speed of a Modified 1/10-scale Model of the MX-1554A Design	1953
19660081970	Stability and control characteristics at high subsonic speeds of a 1/30-scale model of the mx-1554a design	1953
19660081971	Speed-brake investigation at low speed of a 1/10-scale model of the mx-1554a airplane with a circular jet nozzle	1953
19660083177	Transonic Aerodynamic and Trim Characteristics of 1/15-scale Models of the Convair MX-1964 Airplane with Indented Fuselage	1953
19660088608	Study of cabin pressurization and air conditioning for high altitude aircraft	1953
19660088821	Experimental studies of the behavior of adhesives	1953
19660089063	Symposium on the Application of Chemical Kinetics to Liquid Propellant Rockets	1953
19660089392	Continuously recording temperature reference bridge development report no. 1	1953
19660090335	Development of integrated crash helmet and helmet sizing techniques	1953
19660090735	R. d. rhombic antenna power gain calculations	1953
19660091096	Analysis of turnip-plug nozzle tests at pressure ratios from 1.5 to 10	1953
19660091286	A study of constant absolute vorticity trajectories on isentropic surfaces	1953

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092961	A method for producing high permeability molybdenum-permenols	1953
19670087742	Level of abstraction of static visual aid accompanying a technical lecture	1953
19670088398	Blast effects on buildings and structures operation of 6-foot and 2-foot shock tubes. high pressure tests on simple shapes final test report no. 10	1953
19670090296	Effects of spring and inertia devices on the longitudinal stability of aircraft	1953
19670091028	Heat-transfer calculations related to solid-propellant curing	1953
19670091274	A comparison of united states - united kingdom and international civil aviation organization phonetic alphabets, part i	1953
19670095207	Heat transfer and frictional effects in laminar boundary layers. part 6 - effect of variable properties	1953
19670095212	Magnetograms and hourly values, cheltenham, maryland, 1951	1953
19670095873	Visual factors influencing the precision of adjustment of reticle patterns. the influence of luminance, test object orientation, and test object-luminance relationship on vernier adjustments	1953
19680085450	Engineering reports on flight range and endurance data indicator /fredi/	1953
19680086571	Performance calculations of hydrogen peroxide as a monopropellant. 2 - heterogeneous systems	1953
19680087391	Small scale transonic interference studies with perforated wall test sections	1953
19680087555	Surface temperature and pressure distributions on a circular cylinder in supersonic cross- flow	1953
19680088387	Catalysts for the thermal decomposition of hydrazine when used as a monopropellant or as a gas generant	1953
19680088720	The heat transport between two parallel plates as functions of the knudsen number	1953
19680089001	Molecular beam radiofrequency spectra of molecules technical report, 1 sep. - 30 nov. 1952	1953
19680089513	Correlation of temperature-humidity tests, part 6 summary report	1953
19680089684	A symposium on the flutter problem in aircraft design	1953
19680089685	The flutter problem as a whole	1953
19680089686	Design criteria and general information	1953
19680089687	The determination of normal modes and frequencies of vibration	1953
19680089688	Aerodynamic derivatives	1953
19680089689	Computational aids	1953
19680089690	Flutter tests on models	1953
19680089691	Ground resonance and impedance tests	1953
19680089692	Interpretation of resonance test results	1953
19680089693	Flight vibration tests	1953
19680089694	Flight flutter tests	1953
19680089695	Bibliography of methods of determination of normal vibration modes and frequencies	1953
19680089696	Bibliography of work on aerodynamic derivatives for flutter	1953
19680093547	Fundamentals of design of piloted aircraft flight control systems. Volume 2, addendum 1 - Dynamics of the airframe	1953
19690068694	Band Structures of One Dimensional Crystals with Square Well Potentials	1953
19690072318	Technical aspect of sound. Volume 2, chapter 24 - Aircraft noise	1953
19690087271	The NAMTC Loon guidance computer	1953
19690090061	Gas adsorption and surface structure	1953
19690090098	The theory of adsorption from a streaming gas	1953
19690093444	Evaluation of three types of airbag decelerators by drop tests	1953
19690093446	Evaluation of airbag decelerator by drop tests	1953
19700088838	Model study of the receiving antenna location for the angled arrow projectile	1953
19700089813	The manufacture of lead azide RD 1333 on the 7 pound batch scale	1953
19700091168	Wind tunnel test of triangular rotor	1953
19700091236	X-band radar angle and amplitude noise characteristics of an F-86 aircraft Memorandum report	1953
19710064942	The Sodium Hydroxide Reactor - Effect of Reactor Variables on Criticality and Fuel- Element Temperature Requirements for Subsonic and Supersonic Aircraft Nuclear Propulsion	1953
19710065308	Experimental investigation of laminar-boundary-layer control on an airfoil section equipped with suction slots located at discontinuities in the surface pressure distribution	1953
19710066938	Noise and vibration control for wind tunnels	1953
19710066960	An evaluation of a method of improving the take off characteristics of catapult-launched jet airplanes	1953
19710066964	A theoretical investigation of the influence of the natural frequency of a second order autopilot upon the dynamic performance characteristics of an attitude angle control system with a rate damped supersonic missile configuration	1953
19710077539	Life expectancy of aircraft under elevated temperature conditions	1953
19710082616	Convective heat transfer to aircraft structures in supersonic flight. Part 1 - Fundamentals. Part 2 - Applications	1953
19710082617	A study of the meteorological factors	1953
19710082993	Analysis of basic aerodynamic data, F-89D airplane /rocket tip pods/	1953
19720073228	Canadian self-contained diving equipment performance tests	1953
19730064898	Chemical kinetics and the liquid-propellant rocket	1953
19730067189	The buckling under external pressure of circular cylindrical shells with evenly spaced, equal strength, circular ring frames, part 1	1953
19730069385	Wind tunnel tests of an AN/SSQ-1 sonobuoy	1953

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076276	The effect of frequency on the weight of an A-C power system for an advanced 624 missile	1953
19730076852	Reflection of radiation from an infinite plane. Part 2: Numerical data	1953
19740074782	A compendium of radiation effects on solids, volume 2	1953
19750066330	The effect of exhaust jet on the pressure drag of a body of revolution	1953
19750073619	Boundary layer control by injection from aircraft gas turbine engines	1953
19760068876	A study of the integrated absorption coefficient of the self-broadened fundamental band of hydrogen chloride	1953
19780078538	Effect of type of porous surface and suction velocity distribution on the characteristics of a 10.5 percent-thick airfoil with area suction	1953
19780081078	Test of strength characteristics 61-S aluminum	1953
19780085468	Performance sub-committee Aeronautical Research Council	1953
19790071151	Effects of roughness and suction on transition from laminar to turbulent flow (Contribution to Anniversary volume commemorating the fiftieth anniversary of Doctor Dimitri P. Riabouchinsky's scientific activity)	1953
19790081042	On engine considerations associated with aircraft boundary layer control by suction (U)	1953
19790086166	Boundary layer transition on a sweptback wing: A further investigation	1953
19800069913	National Advisory Committee for Aeronautics. Administrative reports without technical reports	1953
19800073355	Index of NACA technical publications, June, 1951 - May, 1953	1953
19800077357	The effect of sweepback on the laminar boundary layer. Current experiments with leading edge suction	1953
19810080493	The relationship of the visual and non-visual approach aids, with special reference to the method of presenting information to the pilot during the non-visual portion of the approach	1953
19820080776	Factors affecting the choice of design characteristics for long-range high-speed aircraft having very small profile drag coefficients	1953
19830069867	Selected topics in the theory of asymptotic expansions	1953
19840082381	Use of a geared flap to prevent wing flutter	1953
19930087225	Altitude Performance Characteristics of the J47-25 Turbojet Engine : Data Presentation	1953
19930087441	Preliminary Investigation of Plate-type Molybdenum Disilicide Fuel Elements for an Air-cycle Nuclear Reactor	1953
19930087450	Stability and Control Characteristics at Low Speed of a 1/10-scale Model of MX-1554A Design	1953
19930087451	Summary of pilots' reports of clear-air turbulence at altitudes above 10,000 feet	1953
19930087501	Design considerations for mixed-flow centrifugal compressors with high weight-flow rates per unit frontal area	1953
19930087515	Drag Measurements at Zero Lift on a 1/10-Scale Model of the MX-1626 Supersonic Bomber at Transonic Speeds	1953
19930087524	Effect of capture on the slowing-down length of neutrons in hydrogenous mixtures containing uranium	1953
19930087529	An analysis of a nuclear powered supercritical water cycle for aircraft propulsion	1953
19930087548	Measurement of friction factors with no heat addition on mockups of ten reactor segments of the General Electric Company air-cooled aircraft reactor	1953
19930087558	An Investigation of Three NACA 1-series Nose Inlets at Subsonic and Transonic Speeds	1953
19930087567	Free-flight Tests of Three 1/9-scale Models of the Wing-ram-jet Configuration of the Grumman XSSM-N-6A (rigel) Missile to Investigate the Possibility of Flutter : TED No. NACA DE 223	1953
19930087575	Nonuniform burn-up and poisoning effects in a reactor and validity of uniform approximation	1953
19930087585	Flight investigation of the zero-lift of two ram-jet missile configurations at Mach numbers from 1.00 to 1.89	1953
19930087604	Some notes on the aerodynamic loads associated with external-store installations	1953
19930087613	Static Crucible Investigation of Corrosion and Mass-transfer of Nickel in Molten Sodium Hydroxide with Various Additives	1953
19930087617	An investigation of the dynamic and static stability characteristics of a group of specialized store configurations at transonic speeds	1953
19930087628	The Effects of Extensible Rocket Racks on Lift, Drag, and Stability of a 1/10-scale Rocket-boosted Model of the McDonnell XF3H-1 Airplane for a Mach Number Range of 0.60 to 1.34 : TED No. NACA DE 31	1953
19930087650	A vibration damper for axial-flow compressor blading	1953
19930087723	An investigation of the aerodynamic characteristics at transonic Mach numbers of a 0.025-scale model of the MX-1712 airplane	1953
19930087737	Diffusion factor for estimating losses and limiting blade loadings in axial-flow-compressor blade elements	1953
19930087751	Drag and static stability at low lift of rocket-powered models of the Convair MX-1626 airplane at Mach numbers from 0.7 to 1.5	1953
19930087778	A design and performance study of the nuclear direct-air-cycle supersonic airplane, including the effects of operating temperatures and fuel plate material and thickness	1953
19930087781	Wind-Tunnel Investigation of a 1/15-Scale Model of the Republic MX-1554 Airplane at Mach Numbers of 1.45 and 1.90	1953
19930087792	Wind-tunnel Oscillation Tests of the Bendix-friez Aerovane Anemometer	1953
19930087821	Criticality survey of hydroxides as coolant moderators for aircraft nuclear reactors	1953
19930087827	Weight Bar Charts	1953
19930087849	Time-history Data of Maneuvers Performed by a Lockheed F-94B Airplane During Squadron Operational Training	1953
19930087909	Examination of recent lateral-stability-derivative data	1953

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930087980	Wind-tunnel Investigation of the Motion of a 1/10-scale Model of the Douglas XF4D-1 Escape Capsule When Jettisoned by Jet Ejection : TED No. NACA DE 359	1953
19930088021	Direct-connect investigation of altitude performance of XRJ47-W-5 ram-jet-engine combustor	1953
19930088022	Stability and control characteristics at high subsonic speeds of a 1/30-scale model of the MX-1554A design	1953
19930088304	Results of a power-on flight of a 1/10-scale rocket-propelled model of the Convair XF2Y-1 airplane at a Mach number of 1.53 : TED No. NACA DE 365	1953
19930089067	Effect of drawbar upstream location on air velocity distribution at the inlet face of reactor segment designed by the General Electric Company	1953
19930089099	Comparison of calculated and measured thermal distortions in a reactor control rod for temperature patterns simulating two reactor operating conditions	1953
19930090295	Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds	1953
19930090587	Experimental Investigation of Laminar-boundary-layer Control on an Airfoil Section Equipped with Suction Slots Located at Discontinuities in the Surface Pressure Distribution	1953
19930090632	Stability and Control Characteristics at Low Speed of a Modified 1/10-scale Model of the MX-1554A Design	1953
19930090636	Heat of combustion of the product formed by the reaction of diborane and an unsaturated hydrocarbon	1953
19930093813	Flight Investigation of Nine Reduced-scale (1:3.75) Hermes A-2S Rocket-motor Test Vehicles	1953
20020022461	Creep Strength of Boral Sheet at 200, 400, and 600 F	1953
20050028452	Deleted record	1953
20090023669	Estimation of Errors in the Approximate Solution of Linear Problems	1953
20100024205	Copies of Slides to be Presented at NACA Conference on Aircraft Loads, Flutter, and Structures	1953
20130014950	The Fatigue Spin Rig - A New Apparatus for Rapidly Evaluating Materials and Lubricants for Rolling Contact	1953
20150012857	A Study of the Problems Relating to High Speed, High Altitude Flight	1953
20150014010	The Rheology of Pastes and Paints	1953
20150014073	On the Statistical Treatment of Relaxation Processes	1953
20150014440	An Approach to Improvement of the Fatigue Situation	1953
20150015142	The Non-Linear Deflection of an Infinite Strip Membrane	1953
20150015143	The Non-Linear Deflection of Infinite Strip Plates	1953
20150015525	Heat Capacity Lag of Gaseous Mixtures	1953
20150015564	The Modern Development of the Theory of Propellers	1953
20150015597	Solutions of the Exact Equilibrium Equations of a One-Dimensional Membrane	1953
20150015657	The Lift of Thin Airfoils at High-Subsonic Speeds	1953
20150015690	Frontiers of Aeronautical Science and Technology	1953
20150015746	The Relation Among Stress, Strain, Velocity from Tests on Copper Wires Submitted to Longitudinal Impact	1953
20150015760	Measurement of Flame Temperatures	1953
20150015791	The Size and Shape of Colloidal Particles by Light Scattering	1953
20150015800	Recorded Pressure Distribution in the Outer Portion of a Tornado Vortex	1953
20150015801	The Next Fifty Years	1953
20150015802	Stability of Thin Conical Shells	1953
20150015806	The Growth of Plastic Deformation in a Bar Submitted to Longitudinal Impact	1953
20150015876	Mechanized Data Handling	1953
20150016201	A Static Exciter for Aircraft AC Generators	1953
20150016730	Integral Equations of Constrained Torsion and Stability of Thin-Walled Rods	1953
20150017017	The S. B. A. C. Display	1953
20150017018	Effects of Roughness and Suction on Transition from Laminar to Turbulent Flow	1953
20150017430	Conference on Creep of Metals Held at Battelle Memorial Institute	1953
20150017626	Fuselage Shock Absorbers	1953
20150017664	The Nature of Turbulent Combustion	1953
20150017669	NACA Lubrication Project Research Report	1953
20150018938	Experimental and Mathematical Techniques for Determining the Dynamic Response of Pressure Gages	1953
20150019325	Behavior of the Airplane Tire in a Landing with Large Angle of Sideslip	1953
20150019326	Test Apparatus for Production of Thick Laminar Boundary Layers	1953
20150019328	A Radiation Thermometer for Meteorological Use	1953
20150019334	Aerodynamic Influence Coefficients for Triangular Wings with Supersonic Edges	1953
20150019569	Review of Published Data on the Effect of Roughness on Transition from Laminar to Turbulent Flow	1953
20150019572	Temperature Variation and Temperature Stresses in Plate and Shell-Shaped Bodies Part I	1953
20150019722	Thermocouples for Jet-Engine Gas Temperature Measurement	1953
20150019813	Direct-Force Measurements of Turbulent Skin Friction on Cylinders in Axial Flow at Subsonic and Supersonic Velocities	1953
20150020407	Transient Data for Allison XT38-A-2 Turboprop Engine Type with ICR Control in the Altitude Wind Tunnel	1953
20150020408	Performance of 14-Stage Development Compressor for J40-WE-24 Engine at Equivalent Speeds from 30 to 115 Percent of Design	1953

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150020409	Performance of 15-Stage Experimental J71 Axial-Flow Compressor I-Over-All Performance Characteristics at Equivalent Speeds from 30 to 110 Percent of Design	1953
20160001940	Flight Measurements of the Oscillatory Spin of a Fighter Aircraft (Vampire 5)	1953
20160004747	Load-Temperature History of Lattice Strain in Aluminum Alloy	1953
19630002886	EFFECT OF SEVERAL JET-ENGINE AIR-INLET CONFIGURATIONS ON THE LOW-SPEED STATIC LONGITUDINAL STABILITY CHARACTERISTICS AND QUANTITY FLOW OF A 1 6-SCALE MODEL OF THE MX-1764 AIRPLANE	1954
19630002887	THE EFFECT OF SEVERAL JET-ENGINE AIR-INLET CONFIGURATIONS ON THE LOW-SPEED STATIC LATERAL STABILITY CHARACTERISTICS OF A 1 6- SCALE OF THE MX-1764 AIRPLANE	1954
19630037795	FREE-FLIGHT INVESTIGATION OF THE LOW-LIFT TRANSONIC AERODYNAMIC CHARACTERISTICS OF A 1 10-SCALE MODEL OF THE NORTHROP MX-775A WITH AN ALUMINUM-ALLOY WING HAVING LEADING-EDGE EXTENSIONS AND INBOARD TRAILING-EDGE FLAPS	1954
19630037796	WIND-TUNNEL INVESTIGATION AT LOW SPEED OF THE PITCHING STABILITY DERIVATIVES OF A 1 10-SCALE MODEL OF THE DOUGLAS A4D-1 AIRPLANE	1954
19630038248	FREE-FLIGHT TESTS OF 0.11-SCALE CHANCE VOUGH XF8U-11 AIRPLANE WINGS TO INBESTIGATE THE POSSIBILITY OF FLUTTER IN THE TRANSONIC AND LOW SUPERSONIC SPEED RANGES	1954
19630044283	THE LIFT-CURVE SLOPE AND AERODYNAMIC CENTRE POSITION OF WINGS AT SUBSONIC AND SUPERSONIC SPEEDS	1954
19630044367	OBSERVATIONS ON THE INTERNAL OXIDATION OF COPPER-SILICON ALLOY DURING FATIGUE	1954
19630045157	REPORT OF SEMINAR ON NON-LINEAR CONTROL PROBLEMS, CAMBRIDGE UNIVERSITY, SEPTEMBER 22-25, 1954	1954
19640057367	NACA Conference on Some Problems of Aircraft Operation	1954
19640057871	Thermo-elasticity	1954
19640058119	An analysis of dynamic visual acuity in a population of 200 naval aviation cadets	1954
19640058325	Rocket research on fluorine-oxygen mixtures bimonthly progress report no. 2, for period ending 1 feb. 1954	1954
19640058352	High speed wind tunnel tests of a .0858 scale final model of the xf-104 airplane at the ames 6' x 6 foot by six foot and the cwt	1954
19640058694	Magnetic fields near twisted wires	1954
19640058739	The performance of aniline - furfuryl alcohol mixtures with nitric acid	1954
19640058845	Large elastic deflections of a nearly flat circular clamped plate under uniform lateral loading	1954
19640059483	[No Title]	1954
19650071582	Flexible-Plate Nozzle Design for Two-Dimensional Supersonic Wind Tunnels	1954
19650071583	An experimental investigation of the temperature recovery factor	1954
19650073443	Summary of the lift, drag, and stability of 1/10-scale rocket-boosted models of the mc donnell xf3h-1 airplane for a mach number range of 0.6 to 1.4 as affected by the operation of extensible rocket racks	1954
19650073713	Rocket-powered-model Investigation of the Effects of Aeroelasticity on the Rolling Effectiveness of an 8.06-percent-scale Mcdonnell F3H-1 Airplane Wing at Mach Numbers from 0.5 to 1.4	1954
19650073790	Zero-lift drag of the chance vought regulus it missile at mach numbers between 0.8 and 2.2 as determined from the flight tests of two o.12-scale models	1954
19650075701	Wind-tunnel investigation at low speed of the rolling stability derivatives of a 1/10-scale model of the douglas a4d-1 airplane	1954
19650075702	Wind-tunnel investigation at low speed of the yawing stability derivatives of a 1/10-scale model of the douglas a4d-1 airplane	1954
19650077696	[No Title]	1954
19650077705	Dynamic longitudinal stability- analysis of the model f9f-6 airplane	1954
19650077751	Experiments at mach numbers from 0.5 to 1.8 on side intakes of normal-shock type without boundary layer control. part i- the nature of pre-entry flow and its effect on pressure recovery	1954
19650078461	Wind-tunnel investigation of airplane interference on a 0.17-scale model xaam-n-2 sparrow i missile in the proximity of a 0.15-scale model of the f3h-1 airplane	1954
19650078806	Ignition of Solid Propellants	1954
19650078959	The design of swept wing planforms to improve tip-stalling characteristics	1954
19650078966	The naa swiveling probe test program summary report /u/	1954
19650079416	Structural calculations- viking no. 11	1954
19650079713	Wing plus interference wave drag at zero lift of 45 deg sweptback wings	1954
19650080202	A preliminary study of a nuclear-powered aew airship	1954
19650080255	A statistical method of specification, testing and evaluation of missile systems	1954
19650080386	Heat transfer and materials problems on the atlas nose cone	1954
19650080841	Project steam report of airplane tests aboard uss hancock /cva-19/ utilizing the variable receiver pressure catapult control system final report	1954
19650080987	Base pressure studies in rarefied supersonic flows	1954
19650081133	Threshold field properties of some superconductors	1954
19650081592	Transistor Pseudonoise Generator	1954
19650082003	Cold valves technical memorandum no. 24	1954

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082739	Heat transfer to cones during hypersonic re-entry to the atmosphere	1954
19650082865	Heat-absorbent ceramic skins for hypersonic missiles summary report, nov. 1, 1953 - nov. 30, 1954	1954
19650082904	Numerical solutions of spherical blast waves	1954
19660081230	NACA-University Conference on Aerodynamics, Construction, and Propulsion. Volume III - Aircraft Propulsion	1954
19660081975	NACA-University Conference on Aerodynamics, Construction, and Propulsion. Volume I - Aircraft Structures and Materials	1954
19660088606	On the design of models for wind tunnel testing of panel flutter	1954
19660088869	Development of an accessory power supply for weapon system 107a-2- description and operational data	1954
19660088877	High speed flight information for pilots	1954
19660089045	Systematic method for the strain energy analysis of multicell beams	1954
19660089124	Summary of existing theoretical and experimental results on the laminar heat transfer to a hemisphere in supersonic flow	1954
19660089353	Basic Factors Involved in the Design and Operation of Catalytic Monopropellant- Hydrazine Reaction Chambers	1954
19660090559	The use of pitot tubes to measure skin friction on a flat plate	1954
19660090653	Midcourse guidance for missiles with doppler seekers	1954
19660093792	Application of the steel plate dent test to the quality control of the mark 63 detonator	1954
19660093798	Tabulation of the blasius function with blowing and suction	1954
19660094033	An automatic electronic focussing device for aerial cameras	1954
19660094127	An earth's field magnetometer that utilizes the free precession of protons	1954
19670087714	Communications	1954
19670088388	A practical method of designing rc active filters	1954
19670090175	Multisignal uhf direction finder final engineering report, 14 jun. 1951 - 30 apr. 1954	1954
19670090291	The development of chromium-base heat-resistant alloys	1954
19670090586	Preliminary studies on the luminescence efficiency of biological compounds	1954
19670091026	Automatic error control, the initial value problem in ordinary differential equations	1954
19670091027	Multi-factor experimental designs	1954
19670091053	Notes on linear programming. part i - the generalized simplex method for minimizing a linear form under linear inequality restraints	1954
19670091072	A preliminary investigation of the flight performance during burning of the t-215 air-to-air rocket	1954
19670091521	Contribution to the theory and practice of pressing powered materials	1954
19670092044	Rex-3 reentry vehicle final test flight report	1954
19670093145	A game of aiming and evasion - general discussion and the marksman's strategies	1954
19670095874	Synthesis of monomeric materials	1954
19670095903	Advanced fredy study program - climb and descent programs for maximum range and endurance interim engineering report	1954
19680085263	Capabilities and operating costs of possible future transport airplanes. turbofan engine supplement	1954
19680085674	Flight range and endurance data indicator /fredy/ final engineering report	1954
19680086879	The frequency response analysis of non-linear systems	1954
19680087067	A broad-band blue lighting system for radar air traffic control center	1954
19680087461	Ammonium nitrate solid propellant investigation final report, sep. 14, 1953 - sep. 14, 1954	1954
19680088371	The viking 9 firings	1954
19680088646	A preliminary investigation into the possibilities of a twist and steer beam rider	1954
19680088845	Boron-nitrogen compounds terminal report, aug. 1952 - jun. 1954	1954
19680088951	Synthesis of new explosives and propellants quarterly progress report, 1 may - 1 aug. 1954	1954
19680089928	Lag of anemometers	1954
19680090030	A survey of methods used for the simulation of aerodynamic heating in structural testing	1954
19680090852	Stability and performance coefficients for a 3 motor - 1-1/2 stage missile	1954
19680092824	Curves of shockwave, expansion wave and skin friction data for hypersonic speeds	1954
19690067236	Comparison of free-flight measurements of the zero-lift drag rise of six airplane configurations and their equivalent bodies of revolution at transonic speeds	1954
19690067237	Comparison of wind-tunnel, rocket, and flight drag measurements for eight airplane configurations at Mach numbers between 0.7 and 1.6	1954
19690067252	Flight test of an end-burning solid-fuel ramjet	1954
19690086872	Some design requirements for optimum human tracking performance	1954
19690089453	Wind tunnel observations of boundary layer transition on two sweptback wings at a Mach number of 1.61	1954
19690090042	The kinetics of adsorption of vapours from an air stream	1954
19690090975	A preliminary comparison of missile staging methods	1954
19690092136	The influence, due to bending elasticity, of the rate and position gyros' location upon the XB-65 missile control system stability during the first phase of flight	1954
19690092774	Note on a "Jet Flap" Theory	1954
19690092833	The effect of separating the position and rate gyros longitudinal location upon the XB-65 missile control system stability	1954
19690093979	Performance tests of parachute, aerial delivery, 500 pound capacity, 28 foot square	1954

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690094031	B-47 approach control parachute	1954
19690094032	Acceleration tests of warheads	1954
19700071482	Transonic Wind Tunnel Development of the National Advisory Committee for Aeronautics	1954
19700071487	Development of Two Hypersonic Test Facilities at the National Advisory Committee for Aeronautics, Ames Aeronautical Laboratory	1954
19700071490	Design and Operating Techniques of Vertical Spin Tunnels	1954
19700088801	Toxicity of hydraulic fluid OS-45-1 Technical note	1954
19700090432	The effect of continued performance in a task of air traffic control	1954
19700091770	Formation and deposition of carbon in the combustion chambers of turbojet engines	1954
19700095171	Project RAND Annual report	1954
19700095465	Helicopter low-air-speed measurement	1954
19710065196	Preliminary transient performance data on the fuel control of the XRJ47-W-5 ram-jet engine	1954
19710066934	An investigation into the compatibility of theoretical design and field tests for foundations at Langley Field, Virginia	1954
19710066961	A study of the practical application of several methods for determining transfer functions and frequency response of aircraft from flight tests	1954
19710072446	Exterior color schemes for aircraft to provide maximum visibility - Investigation of color schemes to improve propeller noticeability	1954
19710075780	Weight estimating procedures in preliminary design	1954
19710082102	The effects of reversed thrust on landing distance	1954
19710082371	Recommendation for a long range ASW weapon system to be developed within 18 months	1954
19710082618	Flutter characteristics of the XB-62 missile based on measured frequencies	1954
19710082624	Functional analysis engine hoist system F-89E	1954
19710082813	Convective heat transfer to aircraft structures in supersonic flight. Part 3 - Design summary Interim technical report	1954
19710082994	Report on high-speed wind tunnels tests of a 0.06-scale sting-mounted model of the Northrop N-126 airplane	1954
19710083100	Proposal - Electronic tow rope	1954
19710083223	Effect of external launching pod on the F-89/E-9/GAR-1 weapon system	1954
19710085258	Aircraft crash fire protection system Final report	1954
19720076719	Oxygen consumption in underwater swimming	1954
19720076729	Flatus mixed-gas scuba	1954
19730064632	Analysis of rocket, ramjet, and turbojet engines for supersonic propulsion of long-range missiles. 3: Ramjet engine performance	1954
19730064633	Analysis of rocket, ramjet, turbojet engines for supersonic propulsion of long-range missiles. 2: Rocket missile performance	1954
19730065238	Method for the analysis of compounds containing boron, carbon, and hydrogen	1954
19750071446	Relativistic space-times having corresponding geodesics	1954
19750077973	Comparative radar response of unlighted buoys	1954
19760078956	An investigation of balloon-borne spherical radar reflections as standard targets (U)	1954
19780078539	The resistance to air flow of porous materials suitable for boundary-layer-control applications using area suction	1954
19780078801	On the three-dimensional instability of laminar boundary layers on concave walls	1954
19780086055	The variation of tensile strength within a section of large extruded bar to specification D.T.D.363A	1954
19780086213	The 34-foot ringslot parachute for marine resupply container	1954
19790080154	Preliminary investigation of a technique for stability studies of a self-propelled model of a submerged submarine	1954
19800069912	National Advisory Committee for Aeronautics. Administrative reports without technical reports	1954
19800073354	Index of NACA technical publications, June, 1953 - May, 1954	1954
19800078644	Study of response of human beings accidentally exposed to significant fallout radiation	1954
19810069913	NACA-University Conference on Aerodynamics, Construction and Propulsion. Volume II: Aerodynamics	1954
19850080301	Minutes of the USAF World Wide Flight Simulator Symposium	1954
19880069020	On the generation of millimeter band radiowaves when a bunch of electrons passes through a retarding medium	1954
19880069022	Correlation of the amplitude and phase fluctuations in wave propagation in media with random inhomogeneities	1954
19880069071	Use of molecular beams for the radio-spectroscopic study of the rotational spectra of molecules	1954
19880069100	On the question of the transport of radiant energy in a medium	1954
19900068948	Generalized methods for computing the complete performance of ramjet engines	1954
19930087966	Comparison of free-flight measurements of the zero-lift drag rise of six airplane configurations and their equivalent bodies of revolution at transonic speeds	1954
19930088007	Forced-convection Heat-transfer Characteristics of Molten Flinak Flowing in an Inconel X System	1954
19930088009	Effects of a Series of Inboard Plan-form Modifications on the Longitudinal Characteristics of Two Unswept Wings of Aspect Ratio 3.5, Taper Ratio 0.2, and Different Thickness Distributions at Mach Numbers of 1.61 and 2.01	1954

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930088061	Speed-brake Investigation at Low Speed of a 1/10-scale Model of the MX-1554A Airplane with a Circular Jet Nozzle	1954
19930088068	Preliminary Performance Data for the J57-P-1 Turbojet Engine at Altitudes up to 65,000 Feet	1954
19930088076	Altitude investigation of thrust augmentation of a J47-GE-27 turbojet engine by injecting additional fuel immediately ahead of the turbine	1954
19930088088	Rocket-model Investigation of the Longitudinal Stability and Drag Characteristics of a 1/10-scale Model of the Convair XF2Y-1 Airplane Having Open Ducts and the Elevons Deflected Upward 3.5 Degrees : TED No. NACA DE 375	1954
19930088096	Effect of Several Jet-engine Air-inlet Configurations on the Low-speed Static Longitudinal Stability Characteristics and Quantity Flow of a 1/6-scale Model of the MX-1764 Airplane	1954
19930088104	Free-flight investigation of the low-lift transonic aerodynamic characteristics of a 1/10-scale model of the Northrop MX-775A with an aluminum-alloy wing having leading-edge extensions and inboard trailing-edge flaps	1954
19930088109	A comparison of flight measurements with calculations of the horizontal-tail root bending moments for a jet-powered bomber airplane	1954
19930088111	A wind-tunnel investigation of the use of spoilers for obtaining static longitudinal stability of a canard-missile model in reverse flight	1954
19930088118	Preliminary data on the transient characteristics of the YJ73-GE-3 turbojet engine with the PE-3A regulator	1954
19930088123	Flight test of an end-burning solid-fuel ram jet	1954
19930088132	Experimental Convective Heat Transfer to a 4-Inch and 6-Inch Hemisphere at Mach Numbers from 1.62 to 3.04	1954
19930088137	Wind-tunnel investigation at low speed of pitching derivatives of a 0.085-scale model of the Chance Vought XF8U-1 airplane : TED No. NACA DE 392	1954
19930088140	Summary of the Lift, Drag, and Stability of 1/10-scale Rocket-boosted Models of the McDonnell XF3H-1 Airplane for a Mach Number Range of 0.6 to 1.4 as Affected by the Operation of Extensible Rocket Racks : TED No. NACA DE 351	1954
19930088142	Results of Free-flight Test of 1/10-scale Model of the Convair XF2Y-1 Airplane Between Mach Numbers of 0.7 and 1.45, Including Power-on Flight at Mach Number 1.2 : TED No. NACA DE 365	1954
19930088154	A Summary of the Drag and Longitudinal Trim at Low Lift of the North American YF-100A Airplane at Mach Numbers from 0.75 to 1.77 as Determined by Flight Tests of 0.11-scale Rocket Models	1954
19930088161	Dynamic Corrosion of Nickel at 1500 Degrees F by Sodium Hydroxide with Various Additives in a Toroid Circulating Apparatus	1954
19930088162	Wind-tunnel Investigation at Low Speed of Static and Yawing Characteristics of a 0.085-scale Model of the Chance Vought XF8U-1 Airplane : TED No. NACA DE 392	1954
19930088167	Preliminary Flight Measurements of the Total-pressure Recovery of a Split-Wing Ram-Jet Inlet at Mach Numbers from 1.4 to 3.16	1954
19930088171	Analysis of a nuclear-powered ram-jet missile	1954
19930088183	The Effect of Several Jet-engine Air-inlet Configurations on the Low-speed Static Lateral Stability Characteristics of a 1/6-scale Model of the MX-1764 Airplane	1954
19930088186	A Transonic Wind-Tunnel Investigation of the Static Lateral, Directional, and Longitudinal Stability Characteristics of the Martin B-61A Missile (Matador)	1954
19930088205	Forced-convection Heat-transfer and Pressure-drop Characteristics of a Closely Spaced Wire Matrix	1954
19930088207	Performance Characteristics of Several Full-scale Double-shroud Ejector Configurations over a Range of Primary Gas Temperatures	1954
19930088208	Evaluation of turbulence measurements obtained from a flight investigation of the jet stream December 10, 1953 to March 26, 1954	1954
19930088209	Rocket-powered-model Investigation of the Effects of Aeroelasticity on the Rolling Effectiveness of an 8.06-percent-scale McDonnell F3H-1 Airplane Wing at Mach Numbers from 0.5 to 1.4 : TED No. NACA DE 351	1954
19930088223	Photographic Study of Rotary Screaming and Other Oscillations in a Rocket Engine	1954
19930088224	Wind-tunnel investigation at low speed of the static aerodynamic and operational characteristics of a model of the Kaman Rotochute	1954
19930088229	Static-temperature coefficient of reactivity of a supercritical-water reactor as influenced by uranium distribution for uniform radial power	1954
19930088239	Aerodynamic characteristics at transonic speeds of a 1/7-scale rocket-powered model of the Grumman XF10F airplane with wing sweepback of 42.5 degrees : TED No. NACA DE 354	1954
19930088253	Preliminary Investigation of a Technique for Stability Studies of a Self-propelled Model of a Submerged Submarine	1954
19930088267	Free-flight investigation of the stability characteristics of 1/6-scale rocket-propelled models of the Bell MX-776	1954
19930088275	Minimum Drag of 0.11-scale Rocket-powered Models of the Chance Vought XF8U-1 Airplane, with and Without Nose Modifications, at Mach Numbers Between 0.85 and 1.30 : TED No. NACA DE 392	1954
19930088278	Comparison of wind-tunnel, rocket, and flight drag measurements for eight airplane configurations at Mach numbers between 0.7 and 1.6	1954
19930088292	Analysis of rocket, ram-jet, and turbojet engines for supersonic propulsion of long-range missiles I : rocket-engine performance	1954

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930088312	Investigation of the NACA 4-(5)(05)-037 Six- and Eight-blade, Dual-rotation Propellers at Positive and Negative Thrust at Mach Numbers up to 0.90, Including Some Aerodynamic Characteristics of the NACA 4-(5)(05)-041 Two- and Four-blade, Single-rotat	1954
19930088314	Experimental investigation of air-cooled turbine blades in turbojet engine XIV : endurance evaluation of shell-supported turbine rotor blades made of Timken 17-22A(S) steel	1954
19930088320	Experimental Investigation of a Five-stage Axial-flow Research Compressor with Transonic Rotors in All Stages I : Compressor Design	1954
19930088326	Altitude investigation of several afterburners using standard engine tail-pipe dimensions	1954
19930088328	Wind-tunnel investigation at low-speed of the static lateral and longitudinal characteristics of a 1/10-scale model of the Douglas A4D-1 airplane : TED No. NACA DE 389	1954
19930088337	Comparison of shock-absorber installations on the panto-base Chase C-123 airplane in rough-water landings	1954
19930088343	Zero-lift Drag of the Chance Vought Regulus II Missile at Mach Numbers Between 0.8 and 2.2 as Determined from the Flight Tests of Two 0.12-scale Models : TED No. NACA AD 398	1954
19930088347	Free-flight tests of 1/11-scale McDonnell XF3H-1 airplane wings to measure wing damping of the first bending mode and to investigate the possibility of flutter in the transonic speed range : TED No. NACA DE 207	1954
19930088349	Aerodynamic Characteristics Including Effects of Wing Fixes of a 1/20-scale Model of the Convair F-102 Airplane at Transonic Speeds	1954
19930088370	Aerodynamic characteristics at Mach number of 2.01 of two cruciform missile configurations having 70 degree delta wings with length-diameter ratios of 14.8 and 17.7 with several canard controls	1954
19930088391	Drag and Longitudinal Trim Characteristics of a Low-tail Version of the North American YF-100A Airplane as Determined from the Flight Test at Low Lift of a 0.11-scale Rocket-powered Model at Mach Numbers Between 0.75 and 1.78	1954
19930088412	Free-flight Zero-lift Drag-rise Measurements of Equivalent Bodies of Revolution of Several Versions of the Douglas XF4D-1 Airplane at Transonic Speeds : TED No. NACA AD 394	1954
19930088415	Wind-tunnel Investigation at Low Speed of the Rolling Stability Derivatives of a 1/10-scale Model of the Douglas A4D-1 Airplane : TED No. NACA DE 389	1954
19930088426	Investigation of a 1/4-scale Model of the Republic F-105 Airplane in the Langley 19-foot Pressure Tunnel : Influence of Trailing-edge Flap Span and Deflection on the Longitudinal Characteristics	1954
19930088448	Wind-tunnel investigation at low speed of the pitching stability derivatives of a 1/10-scale model of the Douglas A4D-1 airplane : TED No. NACA DE 389	1954
19930088449	Aerodynamic characteristics at a Mach number of 1.41 of a model of a Convair F-102 airplane equipped with an extended contoured afterbody, cambered wing leading edge, and reflected wing-tip trailing edge	1954
19930088450	Wind-tunnel Investigation at Low Speed of the Yawing Stability Derivatives of a 1/10-scale Model of the Douglas A4D-1 Airplane : TED No. NACA DE 389	1954
19930088455	Investigation at high subsonic speeds of the lateral and longitudinal stability characteristics of A 0.042-scale model of the Chance Vought XF8U-1 airplane : TED No. NACA DE 392	1954
19930088459	Altitude investigation of linear dynamics of a two-spool turbojet engine	1954
19930088463	Free-flight tests of 0.11-scale Chance Vought XF8U-1 airplane wings to investigate the possibility of flutter in the transonic and low supersonic speed ranges : TED No. NACA DE 392	1954
19930088472	Preliminary performance data obtained in a full-scale free-jet investigation of a side-inlet supersonic diffuser	1954
19930088490	Bibliography of NACA reports related to aircraft control and guidance systems January 1949 - April 1954	1954
19930088501	Sea-level static equilibrium performance of actual two-spool turbojet engine and comparison with hypothetical engine	1954
19930088519	Free-flight Investigation of the Full-scale Hughes Falcon Missile, D Configuration, to Determine Aileron Effectiveness and Damping in Roll	1954
19930088527	Component performance of J65-B3 turbojet engine at several Reynolds number indices	1954
19930089288	Performance Characteristics of Several Short Annular Diffusers for Turbojet Engine Afterburners	1954
19930089313	Wind-tunnel investigation at low speed of rolling derivatives of a 0.085-scale model of the Chance Vought XF8U-1 airplane and support-strut tares for static, yawing, and rolling derivatives : TED No. NACA De 392	1954
19930089338	Analysis of rocket, ram-jet, and turbojet engines for supersonic propulsion of long-range missiles III : ram-jet engine performance	1954
19930090086	Combustion of gaseous hydrogen in a small rectangular ramjet combustor	1954
19930090909	On a Few Methods of Relaxation Calculation	1954
19930092378	Thermal Stresses in Box Beams. A Theoretical and Experimental Study of Stresses in Aluminum Alloy Box Sections Under Given Temperature Distributions	1954
20020031970	Serotherapy for External Anthrax in Human Beings	1954
20030107671	Research for Use in ANC-17 Bulletin, "Plastics for Aircraft"	1954
20090014744	Time Correlator	1954
20140000213	On the Acoustic Radiation from Boundary Layers and Jets	1954
20150013932	Dielectric Properties of Some Alkylsilanes	1954
20150013933	Dicyclic Hydrocarbons XI - Synthesis and Physical Properties of the Monoethyl-Diphenylmethanes and Monoethyldicyclohexylmethanes	1954

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013935	The Friction, Wear, and Surface Damage of Metals as Affected by Solid Surface Films	1954
20150013936	Transverse Vibrations of a Multi-Stringer Box Beam	1954
20150013938	Flame Propagation V. Structural Influences on Burning Velocity. Comparison of Measured and Calculated Burning Velocity.	1954
20150014045	Dielectric Properties of Some Alkenes	1954
20150014072	Solution of Linearized Equations of Plane, Nonstationary Flow of a Viscous, Incompressible Fluid	1954
20150014513	On Several Measures, Taken in Practice, for Eliminating Oscillatory Yaw with Free Rudder	1954
20150014644	Transonic Testing Techniques: A Symposium	1954
20150015017	Wind-Tunnel Measurement of the Aerodynamic Derivatives of a Model by a Method of Sustained Oscillations	1954
20150015086	Trends in Technical Development of Aircraft	1954
20150015101	An Expression for the Green's Function for a Particular Tricomi Problem	1954
20150015102	Remarks on Transforms and Boundary Value Problems	1954
20150015111	Theoretical and Experimental Study of the Means of Protecting an Airplane from Gust Accelerations	1954
20150015126	Flame Stabilization Resulting from Cyclonic Flow in Mixtures of Natural Gas and Air	1954
20150015526	Fatigue Tests on Multiple-Riveted Joints of 75 S-T Aluminum Alloy	1954
20150015594	The Scientist in Contemporary Life	1954
20150015596	A Numerical Solution for a Circular Cylindrical Shell with a Sinusoidal Load Along One Generator	1954
20150015648	The Stress Analysis of Swept Wings	1954
20150015722	Similar Solutions for the Laminar Compressible Boundary Layer with Heat Transfer and Pressure Gradient, and Application to Intergral Methods	1954
20150015792	Heat Transfer to Clouds of Particles at Elevated Temperatures	1954
20150015798	Vortex Flow in Axial Machines	1954
20150015799	Degree of Approximation Obtained by Energy Methods in Calculating Eigenvalues	1954
20150015804	Pressure Errors in Pneumatic Measuring Installations in Flight Tests and in the Wind Tunnel	1954
20150015805	Distribution of Stress, Strain, Velocity in a Bar of Non-Uniform Cross-Section Undergoing Longitudinal Impact in the Plastic Range	1954
20150015807	The Kinetic Aspect of Plasticity	1954
20150015827	A Half Century of Aeronautical Research	1954
20150015832	Measures for Elimination of Oscillatory Yaw with Free Rudders	1954
20150015848	Shock Waves in a Relaxation Medium	1954
20150015941	Heat-Resistant Sinter Materials	1954
20150016135	Supersonic Travel within the Last Two Hundred Years	1954
20150016154	Applicability of the Law of Similitude to Cavitation	1954
20150016203	Static Measurement of Aerodynamic Rolling Derivatives	1954
20150016204	On The Criterion of Wing Torsional Stiffness	1954
20150016587	Applications of Chemical Kinetics in Rocket Engine Combustion Research	1954
20150016663	Summary of Turbulence Measurements in the NACA Lewis 6- By 60-Inch Boundary-Layer Channel	1954
20150016728	A Mach 3.106 Two-Dimensional Adjustable Nozzle for Low Density Flow (No. 10 Nozzle)	1954
20150017015	The Rotating Wing as a Radiation Problem	1954
20150017659	Supplemental List of NACA Documents Relating to Wind-Tunnel Design and Operating Techniques for AGARD Wind Tunnel and Model Testing Panel	1954
20150019310	The Divided Flow "ASPIN I" Turbojet	1954
20150019311	On the Suitability of Electrolytically Polished Specimens for the Metallographic Investigation of Aluminum and its Alloys	1954
20150019314	The Current Force for Parallel and Concentric Conductors	1954
20150019316	On the Magnus Effect According to the Asymptotic Hydrodynamic Theory	1954
20150019323	Proposed Method for Defining the Taper Ratio of Monoplane Wings	1954
20150019324	Flow Near the Forward Tip of a Highly Swept Wing at Medium Angles of Attack - Part I	1954
20150019329	On Exact Solutions of the Stokes-Navier Equations of Incompressible Fluids at Modified Boundary Conditions	1954
20150019330	Some Research Work in Progress on Turbomachines	1954
20150019336	The S.N.E.C.M.A. Transonic Wind Tunnel	1954
20150019565	On Branched Potentials in Space	1954
20150019575	Experimental Investigation of Icing Phenomena	1954
20150019955	Purposes and Methods of Gas Turbine Cooling	1954
20160000746	Time Correlator, Part II	1954
20160000751	Flow Near the Forward Tip of a Highly Swept Wing at Medium Angles of Attack-Part II	1954
20160000752	Notes on Helicopter Flight Research	1954
20160000754	The Status of Research in the Field of Heat Transfer	1954
19630043539	A HIGH-TEMPERATURE COMBINATION SONIC ASPIRATED THERMOCOUPLE AND TOTAL-PRESSURE PROBE	1955
19630043583	ETUDE DES BRUITS PRODUITS PAR DES AVIONS <A STUDY ON THE NOISE PRODUCED BY AIRPLANES<	1955

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630043650	A METHOD FOR STEADY-STATE ACCELEROMETER CALIBRATIONS UP TO SUPER PLUS SUB MINUS 4000 G AND TEST RESULTS ON TWO ACCELEROMETERS, MODEL A314-T	1955
19630045098	HANDBOOK OF HUMAN ENGINEERING DATA, CLASSIFIED SUPPLEMENT [DECLASSIFIED]	1955
19630045147	SITE SURVEY FOR NACA RESEARCH REACTOR	1955
19630045177	THE BOND ENERGIES OF B-X BONDS	1955
19630045366	EVALUATION OF TESTS FOR CERMETS AS COMPONENTS OF HEAT-RESISTANT MATERIALS. EVALUATION OF THE TENSILE TEST FOR CERMETS INTERIM REPORT, 30 SEP. 1952 - 31 DEC. 1954	1955
19640058215	[No Title]	1955
19640058337	An evaluation of plug nozzle rocket engines	1955
19640058341	Supersonic tests of an .04 scale f-104a and .0858 scale xf-104 model at the langley 4 foot by 4 foot wind tunnel	1955
19640058349	Spectral transmittance and reflectance of excised human skin report no. 8	1955
19640058437	Research on stability and transition of the laminar boundary layer	1955
19640058826	The effect of chemical composition of fuming nitric acid and the aniline-furfuryl alcohol system on performance and ignition delay in rocket motors progress report	1955
19640058874	Detail specification for airplanes- director bomber, medium, af53-2345, af53-2346	1955
19640059591	A mathematical analysis of a four-lobe monopulse system	1955
19640059744	Naca conference on aerodynamics of high-speed aircraft, a compilation of the papers present- ed	1955
19640060138	A schlieren study of the interaction between a vortex and a shockwave in a shock tube	1955
19650071152	Turbulent boundary layer of an incompressible fluid on a porous wall <turbulentnyi pogranchnyi sloi neshzimaemoi zhidkosti na poristoi stenke>	1955
19650071153	On the theory of the instability of the two- dimensional stagnation-point flow	1955
19650073432	Preliminary Results from Free-jet Tests of a 48-inch-diameter Ram-jet Combustor with an Annular-piloted Baffle-type Flameholder	1955
19650073693	Static Longitudinal and Lateral Stability and Control Characteristics of an 0.065-scale Model of the Chance Vought Regulus II Missile at Mach Numbers of 1.41, 1.61, and 2.01 Research Memorandum	1955
19650073715	Effects of Various Modifications on the Static Longitudinal Stability and Control Characteristics of a 0.065-Scale Model of the Chance Vought Regulus II Missile at a Mach Number of 2.01	1955
19650077238	The simulation and measurement of aerodynamic heating at supersonic and hypersonic mach numbers	1955
19650077686	Engineering services on transistors interim technical report, 16 apr. - 31 jul. 1955	1955
19650077687	[No Title]	1955
19650077691	[No Title]	1955
19650077692	[No Title]	1955
19650077716	Mechanism of rain erosion. part vi- dimensional analysis of rain erosion damage technical report, jul. - dec. 1954	1955
19650077782	Liquid rocket fuel final report, sep. 1954 - aug. 1955	1955
19650077855	Effect of equipment dynamic reaction on shock motion of foundations	1955
19650078171	The refractive index of air for radiowaves and microwaves	1955
19650078216	High-temperature protective coatings for metallic turbine parts /and other high-temperature uses/ quarterly report, oct. 1954 - jan. 1955	1955
19650078317	Project ted no. ptr pp-6016, aircraft and engine performance tests for the model fj-3 aircraft final letter report no. 3	1955
19650078385	Oscillator-modulator for the an/prs-4c mine detector	1955
19650078465	A monopropellant review quarterly report no. 1, 15 dec. 1954 - 14 mar. 1955	1955
19650078516	Personnel research- a bibliography of unpublished references. part i- human engineering and part ii- health and safety	1955
19650079379	Service acceptance trials of the model f3h-2n airplane aircraft and engine performance tests preliminary evaluation report letter report no. 1	1955
19650079505	The measurement of ground conductivity	1955
19650079619	Operation upshot-knothole- navy structures	1955
19650079716	The xhch-1 helicopter, review of the engineering progress and an estimate of its promise	1955
19650079748	[No Title]	1955
19650079953	Ad hoc services. call ii- shock tube temperatures final report, 28 jul. 1954 - 1 apr. 1955	1955
19650080061	Powerplant characteristics summary	1955
19650080062	Nj-2 powerplant characteristics summary	1955
19650080167	Powerplant characteristics summary	1955
19650080171	Estimated performance and weight of a twin power package using two 120 mw solid fuel element reactors	1955
19650080188	A search for effective in vitro germicides final report	1955
19650080364	Third conference on liquid propellant rocket combustion instability	1955
19650080388	Aerodynamic theory of jet vanes	1955
19650080482	Preliminary trial of heavy load carriage. carrier, manpack, g.s. and u.s. packboard, plywood, july 1954	1955
19650081308	[No Title]	1955
19650082628	Applied research on liquid propellant rocket engines fifth quarterly progress report, aug. 1 - oct. 31, 1955	1955
19650082660	Periodic flow of viscous fluids	1955

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082702	Applied research on liquid propellant rocket engines quarterly progress report no. 4, feb. 1 - apr. 30, 1955	1955
19650082718	Bulletin of the eleventh meeting of the joint army-navy-air force solid propellant group, volume i	1955
19650082755	Applied research on liquid propellant rocket engines third quarterly progress report, nov. 1, 1954 - jan. 31, 1955	1955
19660068868	Transistorized interphone microphone amplifier Progress report, Jun. 1955	1955
19660081611	Electrical propulsion system for space ships with nuclear power source	1955
19660081905	Preliminary free-jet performance of xjr43-ma-3 ram-jet engine at a mach number of 2.70	1955
19660081968	Some Effects of Aeroelasticity on the Rolling Effectiveness of a 10-percent-scale Model of the Mc Donnell F-101A Airplane Wing at Mach Numbers from 0.5 to 1.2	1955
19660083602	Stability of Titanium Diboride and Zirconium Diboride in Air, Oxygen, and Nitrogen Progress Report	1955
19660088539	Evaluation of an instrumental conditioning procedure as an index of auditory decrement in the white rat	1955
19660088630	The effect of high altitude cosmic rays on electronic equipment	1955
19660088731	Fourth meeting of the joint army-navy-air force solid propellant rocket static test panel	1955
19660088733	Applied research on liquid propellant rocket engines final report, jul. 15, 1954 - jul. 14, 1955	1955
19660088803	A cascade impactor for determining the drop- size distribution of fuel mists	1955
19660088880	A method to improve the optical characteristics of the black polyethylene skin simulant final report	1955
19660089197	Special report of findings on arizona project 50 s-2. phase ii - high precision shoran tests	1955
19660089233	Electronic analog simulator study of a bipropellant liquid rocket system stability	1955
19660089460	Mass ratios vs. range for 1-1/2 stage ballistic missiles as functions of initial thrust acceleration and ratio of second stage thrust to first stage thrust	1955
19660089504	Hovering indicator, test of, report no. 1 final report	1955
19660089850	Microjet fuel control for the mx-2273 turbojet engine - solar model m-111	1955
19660090648	Statistical methods in initiator evaluation interim report	1955
19660090654	Survey of tv-15 autopilot simulation tests	1955
19660090776	A multirange nonzero frequency meter	1955
19660092126	Turbulence encountered by comet 1 aircraft	1955
19660092315	Experimental studies of prolonged wakefulness	1955
19660092954	Frequency response of condenser microphone at increased atmospheric pressures	1955
19660093079	Adaptation of a free precession magnetometer to measurements of declination	1955
19660093502	A method for determining booster rocket requirements	1955
19660093807	An experimental investigation of pressure gradients due to temperature gradients in small diameter tubes	1955
19670083326	Results and a Critical Discussion of Transition-Reynolds-Number Measurements on Insulated Cones and Flat Plates in Supersonic Wind Tunnels	1955
19670083468	Electronic analog computer applications. ii - frequency response measurement of real processes by correlation technique technical report, period ending apr. 1955	1955
19670088043	Turborocket development quarterly progress report, 1 may - 31 jul. 1955	1955
19670088357	The improved subject-matter trainer	1955
19670088367	The absolute measurement of rate of flow of large quantities of gas	1955
19670088543	Research on design criteria for microwave filters quarterly progress report, 15 mar. - 15 jun. 1955	1955
19670088753	Criteria for short time exposure of personnel to high intensity jet aircraft noise	1955
19670088901	Ramjet exhaust noise survey at mach 2.5 using .08 scale half-body missile	1955
19670089798	Perceived distance as a function of the mode of representation	1955
19670090185	Heater blanket, battery, morand electronics company - types 1812 and 1813	1955
19670090305	Theoretical investigation of turbulent boundary layer flow with heat transfer at supersonic and hypersonic speeds	1955
19670090437	Electronic analog computer applications. i frequency response measurements by correlation technique	1955
19670090483	Human response to vertical vibration	1955
19670090593	Plastic materials for the squeeze-bore launching of the 4.5-inch rocket m33	1955
19670090652	The perception of distance in photographs	1955
19670090690	Response of model frames subjected to dynamic lateral loads	1955
19670091062	Diffusion analogy to interaction of a shock with a thermal boundary layer	1955
19670091437	X-7 ramjet test vehicle progress report, apr. - jun. 1955	1955
19670091909	Thermo-hydrodynamics and reaction kinetics in some metallized explosives	1955
19670092063	Diverter valve development program. volume iii - full scale diverter valve studies	1955
19670092191	Electrical properties of thin film semiconductors	1955
19670092193	Effects of structural flexibility on gust loading of aircraft. part 1 - gust loads on swept-wing airplanes free to pitch and to deform statically	1955
19670093241	Speech compression research status report	1955
19670095364	Hypersonic viscous flow on a noninsulated flat plate	1955
19670095592	Air-turborocket components test program technical report, 1 may - 30 jun. 1955	1955
19670095629	[No Title]	1955
19670095735	Advanced flight range and endurance data indicator /fredi/ study program final engineering report	1955
19670096464	Atomization and Evaporation of Liquid Fuels	1955
19670096465	Flow and Mixing Processes in Combustion Chambers	1955
19670096466	Ignition and Flammability of Hydrocarbon Fuels	1955

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096467	Laminar Flame Propagation	1955
19670096468	Turbulent Flames	1955
19670096469	Flame Stabilization	1955
19670096470	Diffusion Flames	1955
19670096471	Oscillations in Combustors	1955
19670096472	Smoke and Coke Formation in the Combustion of Hydrocarbon-Air Mixtures	1955
19680085983	A laborde projection	1955
19680086213	Lightning discharges to tall structures	1955
19680086951	A sonic shear method for determination of shear breakdown on hydraulic fluids and lubricating oils	1955
19680087337	High temperature strain gage research	1955
19680087338	Advances in the art of high temperature strain gages	1955
19680087339	High temperature strain sensitive alloys	1955
19680087340	Printed circuit and wire mesh high temperature strain gages	1955
19680087341	Preliminary report on high temperature synthetic mica strain gages	1955
19680087342	Experimental production of adherent oxide films showing promise as high temperature strain gage supports	1955
19680087387	Interacting hypersonic laminar boundary layer flow over a cone	1955
19680087388	Nol hypersonic tunnel no. 4 results 6 - experimental investigation of turbulent boundary layers in hypersonic flow	1955
19680087560	Three-dimensional supersonic flutter model tests near mach number 1.5. part 2 - experimental and theoretical data for bare wings and wings with tip tanks	1955
19680088527	Wind tunnel investigations of transonic test sections. phase 2 - comparison of results of tests on five perforated wall test sections in conjunction with a sonic nozzle	1955
19680089465	A theoretical analysis of the lateral dynamic stability of tandem helicopters part 1 - basic equations and rotor force derivatives	1955
19680089573	Determining the effect of pressure, humidity, temperature, fuel/air ratio on the explosiveness of the atmosphere technical report, oct. 1954 - nov. 1955	1955
19680089577	The use of foamed plastic to localize and reduce blast damage in aircraft structures /u/	1955
19680090267	The detection of intermediate and small flaws in solid materials	1955
19680090812	Solution to the heat conduction equation with variable thermal properties and melting at the surface	1955
19680090899	Effects of high ambient temperature on airborne transponders	1955
19680090940	Final report and quarterly progress report	1955
19680090953	Quarterly progress report	1955
19680091118	High vacuum diodes for microwave detecting and mixing monthly progress report, 1-31 dec. 1955	1955
19680091610	Estimated weight scaling data for a twin power package using the solid fuel element reactor /u/	1955
19680092560	Liquid propellants handbook, volume 1 /u/	1955
19680093318	Visual aids and their effect on landing success and safety	1955
19690076408	Aeroelastic Effects of Aerodynamic Heating	1955
19690086618	Guided missiles test methods and equipment Interim technical report	1955
19690087526	Apparatus for the separation of solid and liquid particles from a gas-stream with the aid of some radioactive ionizers	1955
19690089589	ZELMAL engineering design summary	1955
19690089604	Concentration changes due to electrolysis inside solutions and solution mixtures	1955
19690090966	A-Atlas-153 - Subsonic tests of a static pressure probe mounted on a 40 deg cone	1955
19690091099	Natural bending modes of the XSM-65A missile at various instants of flight	1955
19690092085	Section A - The effects of propellant viscosity on the SM-65 roll control system. Section B - Increase of roll moment of inertia due to location of c.g. off the longitudinal axis	1955
19700070474	Papers Presented at the Seventh Meeting of the Wind Tunnel and Model Testing Panel	1955
19700070475	The Representation of Engine Airflow in Wind Tunnel Model Testing	1955
19700070476	The Influence of Turbojet Airflow on the Aerodynamic Design of Airplanes	1955
19700070477	The Simulation of the Effects of Internal Flow in Wind Tunnel Model Tests of Turbojet Powered Aircraft	1955
19700070478	Boundary Layers on Swept Wings - Their Effects and Their Measurement	1955
19700070479	The Use of Pitot Tubes in the Measurement of Laminar Boundary Layers in Supersonic Flow	1955
19700070480	Calculation Method for Three-Dimensional Boundary Layer Applied to a Slender Body Inclined Towards the Wind	1955
19700070481	A Brief Review of Three-Dimensional Boundary- Layer Flows	1955
19700070482	The simulation and measurement of aerodynamic heating at supersonic and hypersonic Mach numbers	1955
19700070483	The Status of Heat Transfer and Friction Investigations at Supersonic Speeds	1955
19700070484	The NRC Icing Wind Tunnels and Some of Their Problems	1955
19700070485	Wind Tunnel Simulation of Atmospheric Icing Conditions	1955
19700070486	The Fluid Flow Associated with the Impact of Liquid Drops with Solid Surfaces	1955
19700070487	The icing problem - Current status of NACA techniques and research	1955
19700079541	High duty cycle operation of the AN/APX-25	1955
19700090352	Liquid Propellants Handbook /U/	1955
19700091431	Climatic tests of a rigid radome for ground systems Interim report	1955
19700093332	Study of curved field night cameras Final report	1955

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093814	Wind tunnel calibration of the given high- speed pitot-static probe at Mach numbers of 1.57 and 1.88	1955
19710066794	Analysis of low-temperature nuclear-powered ramjet missile for high altitudes	1955
19710066886	Theoretical investigation of the effect of variation of atmospheric density with time on the stability of an hypothetical aircraft having a single degree of freedom	1955
19710066889	A deflection theory for anisotropic plates in which coupling between lateral deflection and in-plane displacement is present and the effect of coupling on the buckling load	1955
19710066890	Evaluation and extension of linearized theories for tire motion and wheel shimmy	1955
19710066959	Behavior of a cantilever plate subjected to rapid edge heating	1955
19710067077	A comparison between theoretical and experimental natural modes and frequencies of a built up delta wing specimen	1955
19710067219	Preliminary investigation of a stick shaker as a lift margin indicator	1955
19710069191	Introductory concepts and problems	1955
19710069192	Turbojet engines for high-speed and high-altitude applications	1955
19710069193	Over-all turbojet system and aircraft performance	1955
19710069194	Ram-jet engine and missile performance	1955
19710069201	NACA Conference on Aircraft Propulsion Systems, volume 1	1955
19710069202	Factors controlling air-inlet flow distortions	1955
19710069203	Control of variable-geometry supersonic inlets for turbojet applications	1955
19710069204	Exhaust nozzles for supersonic flight with turbojet engines	1955
19710069205	Recent transonic-compressor research	1955
19710069206	Use of high flow Mach numbers in reducing turbine size and stress	1955
19710069207	Progress report on materials for turbine buckets for use at increased operating temperatures	1955
19710069208	Summary of NACA study on reliability of turbojet engines	1955
19710069209	Recent contributions of ram-jet research	1955
19710069210	Fundamental investigation of noise generation by turbulent jets	1955
19710070743	Chemical and physical properties of modified Hi-Cal-2	1955
19710074230	[No Title]	1955
19710076822	Pressure waves and flame front propagation in high pressure lines Final report	1955
19710077404	Dynamic pressure pickup for gas turbine application	1955
19710082648	Snark project Monthly progress report, Apr. 1955	1955
19710082802	Proposed monitor destruct group for the SM-62 SNARK missile	1955
19710082815	Performance summary of the Mark O guidance system employing airmass damping - Manned aircraft test program, phase 2	1955
19710083075	Instructions for operation of the gyro rate computers number 1 and number 2 analyzer B-45 and N-69D	1955
19710084873	Development of S-13G-type coatings as engineering materials Technical progress report, 22 Nov. - 21 Dec. 1955	1955
19710085259	Aircraft crash fire protection system - Supplemental report covering turbo-jet and turbo-prop powered aircraft	1955
19720062378	NACA presentation at Industry-Government Meeting on Engine-Inlet Duct Compatibility	1955
19720065321	NACA Conference on Automatic Stability and Control of Aircraft	1955
19720065322	Influence of airplane design trends on the problem of providing automatic stability and control	1955
19720065323	Effect of automatic stabilization on the sideslip and angle of attack disturbances in rolling maneuvers	1955
19720065324	Comments on lateral and directional stability augmenters based on flight experience with variable-stability airplanes	1955
19720065325	Effects of flexibility on the longitudinal and lateral dynamic response of a large airplane	1955
19720065326	Analog study of the effects of various types of control feel on the dynamic characteristics of a pilot-airplane combination	1955
19720065327	A flight investigation of the handling characteristics of a fighter airplane controlled through automatic-pilot control systems	1955
19720065328	Effects of powered controls and fire-control systems on tracking accuracy	1955
19720065329	Flight application of target-simulator principles	1955
19720065330	Effects of limiting-type nonlinearities on the design of control systems	1955
19720065331	A discussion of the tracking performance of a current automatic interceptor	1955
19720065332	Considerations involved in the design of a roll-angle computer for a bank-to-turn interceptor	1955
19720065333	Simulator studies of the attack phase of an automatically controlled interceptor. 1: Preliminary studies of the lateral and longitudinal control systems. 2: Some results of a study performed on the Typhoon computer	1955
19720065334	The spectral characteristics of atmospheric turbulence	1955
19720065335	Theoretical study of the lateral response to gusts of a fighter airplane in combination with several autopilots	1955
19720065336	Automatic control of longitudinal response to gusts	1955
19720065337	A study of means for limiting the maximum normal acceleration of airplanes	1955
19720065338	Static and dynamic longitudinal stability of missiles	1955
19720065339	Controls for supersonic missiles	1955
19720065340	Tube-launched missiles	1955
19720065341	Some information on the aerodynamic disturbances acting on missiles launched from high-speed airplanes	1955

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720065342	An evaluation of the response characteristics of rolleron-equipped missiles	1955
19720065343	Simplification of missile control and guidance	1955
19720065344	Flight test of a roll-control homing system	1955
19720065345	Experimental investigation of an acceleration-control missile	1955
19720065346	Comparison of the maneuvering performance of a monowing and a cruciform missile	1955
19720070650	Evaluation of the electronic data system	1955
19720071093	A 10-kilocycle long range search sonar	1955
19720073204	Calculation of nitrogen-oxygen mixed-gas decompression tables	1955
19720074229	An internally stowed air-to-surface missile design with the XW-7 atomic warhead	1955
19720076491	A trapeze swim-ergometer	1955
19720076717	Universal self-contained diving mask	1955
19720076718	Natascope mask	1955
19720076756	L. G. Arpin Company div-air evaluation	1955
19730068322	A laboratory investigation of chlorophenylmethyl silicone C	1955
19740075321	NACA Conference on Aerodynamics of High Speed Aircraft	1955
19740078555	NACA presentation at industry-government meeting on engine-inlet duct compatibility	1955
19740079175	NACA Conference on Engine Stall and Surge	1955
19740086704	Feasibility performance analysis of the DSV-3E Tيروس-K mission	1955
19750069165	On the theory of the instability of the two-dimensional stagnation-point flow	1955
19750074869	Nuclear propulsion program	1955
19750077972	Comparative radar response of unlighted buoys	1955
19770093581	Die cutting of rubber	1955
19770093869	Flame spraying of polyethylene	1955
19780075356	Phoebus-2 nozzle design program preliminary design phase, summary report, volume 1	1955
19780078541	A fibrous-glass compact as a permeable material for boundary-layer-control applications using area suction	1955
19780078583	Preliminary analysis of performance of turbojet engines used as pumps for boundary-layer control	1955
19780084325	The determination of aerodynamic coefficients from flutter test data	1955
19780084357	A use of arbitrary modes in control-surface flutter investigations	1955
19780086011	An electronic instrument for the accurate measurement of the frequency of structural oscillations	1955
19800073352	Index of NACA technical publications, June, 1954 - May, 1955	1955
19800078641	Medical examination of Rongelap people six months after exposure to fallout	1955
19830081999	Hydrogen porosity in metals, particularly aluminum and its alloys	1955
19880069021	On the interaction of extraordinary and ordinary waves in the ionosphere and the effect of multiple signal reflection	1955
19880069074	The structure of thin iron films deposited by evaporation in a vacuum	1955
19880069077	Certain thermodynamic properties of a solid under high pressure	1955
19880069078	On the use of artificial satellites of the Earth to check the general theory of relativity	1955
19880069105	Theorem on the maximum temperature gradient	1955
19890067680	Quasi-cylindrical theory of wing-body interference at supersonic speeds and comparison with experiment	1955
19930080716	Aerodynamic characteristics of a 0.04956-scale model of the Convair F-102A airplane at Mach numbers of 1.41, 1.61, and 2.01	1955
19930087896	Preliminary Results from Free Jet Tests of a 48-inch-diameter Ram-jet Combustor with an Annular-piloted Baffle-type Flameholder	1955
19930088369	Rolling performance of the Republic YF-84F airplane as measured in flight	1955
19930088432	Experimental investigation of a transonic axial-flow-compressor rotor with double-circular-arc airfoil blade sections II : blade-element performance	1955
19930088460	Transport of Radioactivity by Liquid Sodium in a Stainless Steel Circulation System	1955
19930088461	Design and performance study of a nuclear direct-air turboprop cycle applied to a subsonic low-altitude airplane	1955
19930088523	Some Results of Flight Testing of Ski-equipped Aircraft at the Naval Air Test Center	1955
19930088533	Sea-level static acceleration characteristics of a two-spool turbojet engine	1955
19930088540	Surge and stall control parameters of a two-spool engine	1955
19930088550	Blow-out velocities of hydrocarbon solutions of two ethylene-boron hydride reaction products and decaborane and a slurry containing decaborane in a 1 7/8-inch diameter combustor	1955
19930088558	The Use of Metallic Inhibitors for Eliminating Mass Transfer and Corrosion in Nickel and Nickel Alloys by Molten Sodium Hydroxide	1955
19930088567	Pressure-drop Characteristics of a 22-segment Mock-up of the General Electric Company Air-cooled Aircraft Reactor	1955
19930088600	Preliminary Data of the Effects of Altitude and Inlet-pressure Distortions on Steady-state and Surge Fuel Flow of the J57-P-1 Turbojet Engine	1955
19930088603	Free-spinning-tunnel Investigation of a 1/20-scale Model of the Douglas A4D-1 Airplane : TED No. NACA DE 389	1955

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930088610	Transonic Free-flight Investigation of the Longitudinal Aerodynamic Characteristics of a 1/10-scale Steel-wing Model of the Northrop MX-775A Missile with Leading-edge Extensions, Inboard Trailing-edge Flaps, and a Speed Brake on the Vertical Tail	1955
19930088622	Free-spinning-tunnel Investigation to Determine the Effect of Spin-recovery Rockets and Thrust Simulation on the Recovery Characteristics of a 1/25-scale Model of the Chance Vought XF8U-1 Airplane : TED No. NACA DE 392	1955
19930088656	Stability and Drag Characteristics of 1/10-scale Model of the Convair XF2Y-1 Airplane with Open Inlets Containing Boundary-layer Splitter Plates as Obtained in Free Flight at Mach Numbers Between 0.7 and 1.5 : TED No. NACA DE 365	1955
19930088682	Free-jet investigation of altitude performance of XRJ47-W-5 ram-jet-engine combustor	1955
19930088687	Preliminary Free-jet Performance of XRJ43-MA-3 Ram-jet Engine at Mach Number of 2.50	1955
19930088736	Static Longitudinal and Lateral Stability and Control Characteristics of an 0.065-scale Model of the Chance Vought Regulus II Missile at Mach Numbers of 1.41, 1.61, and 2.01 : TED No. NACA AD 398	1955
19930088741	Flight experience of inertia coupling in rolling maneuvers	1955
19930088811	Free-jet performance of XRJ43-MA ram-jet engine at simulated flight Mach number of 2.35	1955
19930088830	Ditching Investigation of a 1/25-scale Model of a 255,000-pound Transport Airplane	1955
19930088838	Altitude starting characteristics of the J71-A2 (X-29) turbojet engine	1955
19930088845	Behavior of the Bell X-1A Research Airplane During Exploratory Flights at Mach Numbers near 2.0 and at Extreme Altitudes	1955
19930088847	Preliminary Free-jet Performance of XRJ43-MA-3 Flight-weight Ram-jet Engine at Mach Numbers of 2.35, 2.50, and 2.70	1955
19930088848	A Theoretical Analysis of a Simple Aerodynamic Device to Improve the Longitudinal Damping of a Cruciform Missile Configuration at Supersonic Speeds	1955
19930088867	Flight Determination of the Longitudinal Stability and Control Characteristics of a 0.125-Scale Rocket-Boosted Model of the McDonnell F-101 Airplane at Mach Numbers from 0.82 to 1.84	1955
19930088871	Altitude investigation of acceleration characteristics of two-spool turbojet engine	1955
19930088880	Drag near Zero Lift of a 1/7-scale Model of the Convair B-58 External Store as Measured in Free Flight Between Mach Numbers of 0.8 and 2.45	1955
19930088882	Effects of Various Modifications on the Static Longitudinal Stability and Control Characteristics of a 0.065-scale Model of the Chance Vought Regulus II Missile at a Mach Number of 2.01 : TED No. NACA AD 398	1955
19930088893	A wind-tunnel investigation of a 0.4-scale model of the Chase XC-123 airplane with boundary-layer control applied	1955
19930088906	Effect of design compressor pressure ratio on performance of hypothetical two-spool nuclear-powered turbojet engines	1955
19930088918	Aerodynamic Characteristics of a 1/4-scale Model of the Duct System for the General Electric P-1 Nuclear Powerplant for Aircraft	1955
19930088930	Flight Determination of Minimum Drag of 0.11-scale Rocket-boosted Model of the Chance Vought XF8U-1 Airplane with Modified Fuselage Area Distribution and Faired Inlet at Mach Numbers from 0.82 to 1.68 : TED No. NACA DE 392	1955
19930088945	Some effects of aeroelasticity on the rolling effectiveness of a 10-percent-scale model of the McDonnell F-101A airplane wing at Mach numbers from 0.5 to 1.2	1955
19930088955	Wind-tunnel Investigation of Proximity Fuzes of World War II Design	1955
19930088961	Evaluation of cooling-liner durability and starting characteristics of XRJ-47-W-5 ram-jet engine	1955
19930088978	Application of non-afterburning turbojets to supersonic flight	1955
19930089010	Thermal Analysis of Sodium Hydroxide Containing the Reaction Products of Sodium Hydroxide and Chromium Metal	1955
19930089028	Wind-tunnel investigation at low speed of the aerodynamic characteristics of the Army Chemical Corps model E112 bomblets	1955
19930089031	Flight Investigation of a Roll-stabilized Ram-jet Test Vehicle over a Mach Number Range of 2.3 to 2.7	1955
19930089038	Tank Investigation of the Hydrodynamic Characteristics of a 1/13.33-scale Jet-powered Dynamic Model of the Martin XP6M-1 Flying Boat with a Revised Forebody Planing Bottom : TED No. NACA DE 385	1955
19930089045	Model Ditching Investigation of the Boeing 707 Jet Transport	1955
19930089076	Compressor blade vibration of a J57-P-1 turbojet engine during exploratory operation with inlet-pressure distortions	1955
19930089088	Investigation of a 1/4-scale model of the Republic F-105 airplane in the Langley 19-foot pressure tunnel : lateral control and directional stability and control characteristics of model equipped with drooped, supersonic-type, elliptical wing-root inl	1955
19930089102	Free-jet Performance of Several Configurations of the XRJ43-MA-3 Ram-jet Engine	1955
19930089135	Investigation of a 1/4-scale model of the Republic F-105 airplane in the Langley 19-foot pressure tunnel : longitudinal stability and control and horizontal-tail hinge-moment and normal-force characteristics of the model equipped with a drooped super	1955
19930089212	Aerodynamic and Hydrodynamic Characteristics of Models of Some Aircraft-towed Mine-sweeping Devices : TED No. NACA AR 8201	1955
19930089388	Description and bibliography of NACA research on wing controls : January 1946 - February 1955	1955
19930092379	Aeroelastic effects of aerodynamic heating	1955

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930092455	Tank Investigation of the Hydrodynamic Characteristics of a 1/13.33-Scale Jet-Powered Dynamic Model of the Martin XP6M-1 Flying Boat. : TED No. NACA DE 385	1955
19930093720	An evaluation of a rolleron-roll-rate-stabilization system for a canard missile configuration at Mach numbers from 0.9 to 2.3	1955
19930094866	Naca Conference on Aerodynamics of High-speed Aircraft	1955
19950002637	Investigation of the vibrations of a hollow thin-walled rectangular beam	1955
19950070011	High resolution intensified color array for electronic still photography	1955
19960024849	Effects of Shear Deformation in the Core of a Flat Rectangular Sandwich Panel. 1: Buckling Under Compressive End Load. 2: Deflection Under Uniform Transverse Load	1955
20040070959	Powered Flight Control Symposium 1955	1955
20040070960	A Flight Test Investigation of Control Feel Parameters and Their Relation to Pilot Induced Oscillations	1955
20040070961	Stability Investigation of the XP6M Boost System	1955
20040070962	Hydraulic Control System Simulation	1955
20040070963	The Flutter Analysis of Airplanes with Power Controls	1955
20040070964	Present Concepts of Aircraft Flight Controls Design	1955
20040070965	A Method for Improving the Longitudinal Handling Characteristics of the F-89 Airplane	1955
20040070966	B-47 Stratojet Flight Control Systems	1955
20130014750	NACA Investigation of Thrust Reversal Techniques	1955
20130014949	The Simulation of the Effects of Internal Flow in Wind Tunnel Model Tests of Turbo-jet Powered Aircraft	1955
20140000002	Shaft Gas Turbines for Helicopters	1955
20140000275	Noise Control for NACA Supersonic Wind Tunnel	1955
20150011398	NACA Conference on Aerodynamics of High-Speed Aircraft	1955
20150012984	The Potential of Very Short Take-Off Aircraft	1955
20150013915	Compressor and Turbine Matching Considerations in Turboprop Engines	1955
20150013924	Temperature Dependence of Viscosity and its Relation to Vapor Pressure for Associated Liquids	1955
20150014019	Effects of Sliding Velocity and Temperature on Wear and Friction of Several Materials	1955
20150014020	The Compressive Creep of X-Ray Irradiated Sodium Chloride	1955
20150014040	Oscillatory Combustion in Rocket Propulsion Engines	1955
20150014046	Effect of Air and Nitrogen Atmospheres on the Temperature Limitations of Liquid and Solid Lubricants in Ball Bearings	1955
20150014660	Growth Rates of Turbulent Free Flames	1955
20150014662	The Effect of the Substrate on the Crystallization of Metallic Films	1955
20150015087	Flame Stabilization in Gases Flowing Cyclonically: Flow Characteristics, Temperature, Gas Analyses	1955
20150015094	Experimental Determination of the Effective Width of Flat Plates in the Elastic and Plastic Range	1955
20150015095	The Buckling of Plates and Bars in the Plastic Range	1955
20150015099	Transition from Laminar to Turbulent Flow at Subsonic and Supersonic Speeds	1955
20150015100	Gyroplanes (Helicopters) with Rotors Thermopropelled by Low-Pressure Fluid	1955
20150015129	Estimating Thermal Conductivities for Nonpolar Gas Mixtures - Simple Empirical Method	1955
20150015130	An Experimental Investigation of the Effect of Vacancy and F-Centre Concentrations on the Transient Creep of Sodium Chloride Single Crystals	1955
20150015131	Piston-Type Strain Gauge for Measuring Pressures in Interior Ballistics Research	1955
20150015138	Some Stability Problems of Vertically Rising Aircraft	1955
20150015689	Machine Tool Control from a Digital-Analog Computer	1955
20150015720	Experimental Investigation of the Heat Transfer and Fluid Friction Characteristics for White Fuming and Red Fuming Nitric Acid at High Heat Flux Densities	1955
20150015843	Fuel Vaporization and Ignition Lag in Diesel Combustion	1955
20150015845	Contribution to the Study of Supersonic Axial Compressors	1955
20150015850	Rigorous Determination of Permanent Waves of Finite Amplitude	1955
20150015868	Longitudinal Photomagnetolectric Effect in Germanium	1955
20150015869	Automatic Frequency-Control System for a High-Frequency Resonant-Type Fatigue Testing Machine	1955
20150015940	Effect of Acoustical Vibrations of Finite Amplitude	1955
20150016145	Some Exact Solutions of Laminar Mixing in the Presence of Axial Pressure Gradients	1955
20150016200	Instrumentation for Investigation of Seaplane Impact Loads in Waves	1955
20150016207	An Analog Cross-Spectrum Analyzer for Certain Telemetered Data	1955
20150016209	Analog Equipment for Processing Randomly Fluctuating Data	1955
20150016581	Multiple Scattering of Low-Energy Alpha Particles in a Gas	1955
20150016584	Application of Correlation Techniques for Guidance of Lunar Mission with Soft Landing	1955
20150016658	Heat Transfer to Vibrating Air Columns	1955
20150016724	Factors Influencing Friction and Wear with Solid Lubricants	1955
20150016725	Lattice Energies and Related Thermodynamic Properties of the Alkali Metal Borohydrides and of the Borohydride Ion	1955
20150016726	Statistical Design and Evaluation of Filters for the Restoration of Sampled Data	1955
20150016944	Combustion for Aircraft Engines	1955
20150016980	Nitric Acid-Nitrogen Dioxide-Water System: Vapor Pressures and Related Properties	1955
20150016984	Experimental Analysis of Aircraft Structures by Means of Plastic Models	1955

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150016985	Some Elevated Temperature Structural Problems of High-Speed Aircraft	1955
20150016986	Clarity in Technical Reporting	1955
20150017656	Problems in Ultra High-Speed Flight	1955
20150017682	Oxidative Degradation of Methylcyclohexane and n-Heptane	1955
20150017684	Adiabatic Heating and Temperature-Recovery Factor of the Walls of Tubes Carrying Liquids of High Prandtl Number	1955
20150017715	Hot-Wire Measurements with X-Meters	1955
20150018195	Unsteady Boundary-Layer and Heat-Transfer Phenomena: a Literature Survey	1955
20150019332	Recent NACA Investigations of Noise Reduction Devices for Full-Scale Engines	1955
20150019337	Soft Rot Destruction of Wood Through Common Fungi	1955
20150019406	Flight Application of Target-Simulator Principles	1955
20150019549	Interpretation of Wind-Tunnel Data in Terms of Dynamic Behavior of Aircraft at High Angles of Attack	1955
20150019802	Flow Near a Heated Solid Body in a Standing Acoustic Wave	1955
20150021923	Copies of Slides to Be Presented at NACA Conference on Loads, Flutter, and Structures	1955
20160000492	Experiment and Experience: Solid Lubricants for Titanium	1955
20160000747	A Description of the Design of a High Speed, Low Noise and Turbulence Level Air Supply	1955
20160000904	Stability and Drag Characteristics of 1/10-Scale Model of the Convair XF2Y-1 Airplane With Open Inlets Containing Boundary-Layer Splitter Plates as Obtained in Free-Flight at Mach Numbers Between 0.7 and 1.5	1955
20160002858	Research on Heat-Resistant Alloys	1955
19630002633	EFFECT OF COMBUSTION GAS PROPERTIES ON TURBOJET-ENGINE PERFORMANCE WITH HYDROGEN AS FUEL	1956
19630002653	PERFORMANCE OF A SHORT TURBOJET COMBUSTOR WITH HYDROGEN FUEL IN A QUARTER-ANNULUS DUCT AND COMPARISON WITH PERFORMANCE IN A FULL-SCALE ENGINE	1956
19630035523	ASPECTS OF ELEVATED TEMPERATURE DESIGN AND DESIGN CRITERIA FOR SUPERSONIC AIRCRAFT STRUCTURES	1956
19630038254	AERODYNAMIC CHARACTERISTICS OF A 0.04956-SCALE MODEL OF THE CONVAIR F-102B AIRPLANE AT MACH NUMBERS OF 1.41, 1.61, AND 2.01	1956
19630041688	Some Preliminary Reports of Experiments in Satellites 1958 Alpha and 1958 Gamma	1956
19630042996	MULTIPLE SCATTERING OF LOW ENERGY ALPHA PARTICLES IN A GAS	1956
19630043656	RESEARCH PROGRAM TO DETERMINE 'FAIL SAFE' CHARACTERISTICS OF PRESSURE FUSELAGES. PART I- CRACK PROPAGATION IN FLAT TENSILE SPECIMENS OF LIGHT ALLOY SHEET MATERIALS, APR. 1955 - JUN. 1956	1956
19630043660	AN EXTENSOMETER WITH CAMERA ATTACHMENT FOR HIGH SENSITIVITY CREEP TESTS A.I.D. DEVELOPMENT REPORT	1956
19630043891	PROGRESS REPORT ON BOUNDARY LAYER NOISE RESEARCH /1ST JUNE 1955- 1ST SEPTEMBER 1956/	1956
19630043892	PROGRESS REPORT ON EXPERIMENTS ON THE STRUCTURE OF SUPERSONIC JETS	1956
19630044655	THE ROOM TEMPERATURE FATIGUE PROPERTIES OF A LAMINATED, GLASS FIBRE-REINFORCED PLASTIC MATERIAL	1956
19630044738	[No Title]	1956
19630044773	PROCEEDINGS OF THE INFRARED INFORMATION SYMPOSIA- IRIS, VOLUME I. NUMBER 2	1956
19630044791	[No Title]	1956
19630044798	[No Title]	1956
19630044805	[No Title]	1956
19630045388	THE EFFECTS OF GRAVITATIONAL STRESS UPON VISUAL ACUITY	1956
19640052538	Combustion in Laminar Mixing Regions and Boundary Layers	1956
19640052767	Forty Years of Aeronautical Research	1956
19640058299	Summary of usaf aircraft in-flight fires	1956
19640058300	A summary of design deficiencies on usaf aircraft and equipment submitted by unsatisfactory reports report period, 1 dec. 1955 - 30 jun. 1956	1956
19640058301	Hypoxia and undetermined jet accidents report period, 1 jul. 1954 - 31 dec. 1955	1956
19640058394	Aircraft internal noise environment	1956
19640058429	[No Title]	1956
19640058473	A Method of Improving the Performance of the Vanguard First-Stage Powerplant by Adding Fluorine to the Liquid Oxygen Oxidizer /C/	1956
19640058529	A second experimental analysis of the errors in an airborne direction-finding radar system	1956
19640058668	Physiological evaluation of the nb-1 altitude suit	1956
19640058742	An experimental investigation of the aerodynamic characteristics of a low aspect ratio swept wing with blowing in a spanwise direction from the tips	1956
19640059011	Spontaneous ignition of fuel in a simulated turbine engine nacelle	1956
19640059297	Discrete gust analysis of lockheed electra, model 188	1956
19640059613	Electronically steered radar antenna scientific report no. 2, 1 jun. - 31 aug. 1956	1956
19640060134	On the sound generated the interaction of a vortex and a shock wave	1956
19640060168	The effects of nuclear radiation on electronic components, phase 1 scientific report no. 5	1956

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640060253	Electronically steered radar antenna final report, 8 feb. - 31 dec. 1956	1956
19640060337	The measurement of rain from an aircraft in flight	1956
19640060350	Jupiter missile casualty study final report	1956
19650008011	A survey and evaluation of flutter research and engineering	1956
19650070423	A correlation between the dynamic properties of a pair of impinging streams and the uniformity of mixture-ratio distribution in the resulting spray	1956
19650073442	Some flight data for the chance vought regulus ii missile	1956
19650073692	Some Transonic Aerodynamic Characteristics of a Model Similar to the Mcdonnell F3H-2N Airplane	1956
19650075472	Full-scale wind-tunnel tests of a north american fj-3 airplane with a spoiler-slot- deflector lateral control system	1956
19650075692	Static longitudinal and lateral stability characteristics including effects of transonic area rule and wing modification of a 0.10- scale model of the douglas a4d-1 airplane at transonic speeds	1956
19650077859	Model f-101a- summary of wind tunnel tests to develop satisfactory longitudinal stability characteristics	1956
19650078099	Proceedings of the infrared information symposium, volume i, number i,	1956
19650078185	Bulk modulus of various hydraulic fluids at elevated temperature	1956
19650078327	Solution of the problem of the cantilever square plate by the use of influence coefficients and a high speed digital computer	1956
19650078452	Proceedings of the conference on optical pulse ranging /january 1956/	1956
19650078780	Statistical analysis of experimental measurements of initial conditions for ground landings, volume ii, appendix iii	1956
19650078809	Continuous feed primary battery of the sodium amalgam-oxygen type quarterly technical report	1956
19650078836	Statistical analysis of experimental measurements of initial conditions for ground landings, volume i	1956
19650079112	Survey of empirical data from ground landings	1956
19650079158	Propellant-utilization tank-sensing systems	1956
19650079290	Radio studies of atmospheric turbulence, volume i	1956
19650079349	The scatter error of the "modell lang" radiosonde	1956
19650079513	Electric arcs and thermal plasma	1956
19650079779	On the flow over a finite wedge in the lower transonic region	1956
19650079859	Nozzles for low density rocket exhausts	1956
19650080009	Prediction of future jet-engine bleed air requirements for flow control applications	1956
19650080329	Monitoring methods for propellant utilization system	1956
19650080330	Methods for measurement of angular rate errors induced by ionospheric fluctuations	1956
19650080342	[No Title]	1956
19650080423	Cushioning for air drop, part v. theoretical and experimental investigations of fluid- filled metal cylinders for use as energy absorbers on impact	1956
19650080479	Cushioning for air drop. part iii- charac- teristics of paper honeycomb under dynamic loading	1956
19650081132	Superconductivity of microscopic tin filaments	1956
19650081150	Electric communications	1956
19650081151	Demodulation of modulated television signals with asymmetric sidebands	1956
19650081152	New methods of measuring the characteristics of television channel	1956
19650081153	Construction and calculation of electronic bridge control circuits for gas-filled rectifiers	1956
19650081154	A high-frequency wattmeter	1956
19650081155	Low-pass and high-pass attenuation of type m filters	1956
19650081156	Study of the dielectric properties of glazed frost and hoar-frost on wires	1956
19650081157	Maintenance of cables under pressure	1956
19650081376	[No Title]	1956
19650081434	Fluorine study for experimental rocket engine test laboratory	1956
19650081488	Radiometric measurement of 8.7 mm atmospheric attenuation	1956
19650081645	Applied research on liquid propellant rocket engines seventh quarterly progress report, feb. 1 - apr. 30, 1956	1956
19650081653	X-17 Re-Entry Test Vehicle D-5 Final Flight Report	1956
19650081654	X-17 Re-Entry Test Vehicle RT-1 and RT-2 Final Flight Report	1956
19650081682	X-17 Re-Entry Test Vehicle, RT-3 Final Flight Report	1956
19650081710	Survivable supersonic ejection. a case study to correlate analytical, experimental, and medical data by reconstruction of an incident interim report	1956
19650082609	Program of exploratory research on rocket engine combustion final report, jul. 16, 1955 - sep. 15, 1956	1956
19650082614	Boundary-layer control by blowing progress report, feb. - mar. 1956	1956
19650082699	Applied research on liquid propellant rocket engines sixth quarterly progress report, 1 nov. 1955 - 1 feb. 1956	1956
19650082701	[No Title]	1956
19650082703	[No Title]	1956
19650082745	Characteristics of airborne digital computer, project 107a, part two	1956
19660081967	Static Lateral and Directional Stability and Control Characteristics of a Revised 1/22- Scale Model of the Republic F-105 Airplane at Mach Numbers of 1.41 and 2.01	1956

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660081993	Investigation of drag and static longitudinal and lateral stability characteristics of a 1/15-scale model of the grumman f11f-1f airplane at mach numbers of 1.56, 1.76, 2.06, and 2.53	1956
19660087575	Surge-inception Study in a Two-spool Turbojet Engine	1956
19660087609	Chemical and Physical Properties of a Boron-carbon-hydrogen Fuel Z-244 /naca 55z8/	1956
19660088500	Observation of a triple resonance phenomenon in plasmas	1956
19660088567	Investigation of a technique for improving aircraft response using a complementary optimum-response model	1956
19660088639	Design study for third stage engine for satellite vehicle	1956
19660088640	Experimental investigation of primary thrust chamber aerodynamic hinge moments for ws107a missile configurations at mach number 2.23	1956
19660088678	Bulletin of the fifth meeting of the joint army-navy-air force solid propellant rocket static test panel	1956
19660088786	Processing and materials review for aircraft design manual	1956
19660088801	The compressive creep buckling of metal columns progress report	1956
19660088848	Development of a tactical chemical dosimeter bi-monthly progress report, dec. 1, 1955 - jan. 31, 1956	1956
19660088915	Bulletin of the twelfth meeting of the joint army-navy-air force solid propellant group, volume 1	1956
19660088949	The relative spectral energy distribution of the naval material laboratory carbon-arc source of intense thermal radiation final report	1956
19660088997	Bulletin of the twelfth meeting of the joint army-navy-air force, solid propellant group, volume iii	1956
19660089053	Rocket engine advancement program final summary technical report, second phase, year ending 31 dec. 1955	1956
19660089129	Meteoroid impacts and their effects on ballistic missiles real gas technical memorandum no. 13	1956
19660089612	Transient and steady state heat transfer problems associated with rockets utilizing liquid oxygen	1956
19660089622	Sound speed and attenuation in air-water mixtures	1956
19660089958	The selection of steels for ordnance applications	1956
19660090243	Equation of state for water	1956
19660090347	Talks Presented to Ardc Committee on Propulsion, March 28-29, 1956	1956
19660090553	Performance tests on a capacitance to voltage analog transducer	1956
19660091495	Wind-tunnel tests of two-dimensional faired and unfaired sections	1956
19660092297	Lifting Capabilities of Wings With and Without High-lift Devices	1956
19660092819	Radiometric examination of vehicle exhaust gases final report, 1-30 jun. 1956	1956
19660093818	111-conditioned flutter equations and their improvement for simulator use	1956
19660093913	Singular solutions in the theory of shallow shells	1956
19670088302	An investigation of four modes of operation and three types of learning task as well as combinations of modes of operation on the improved subject-matter trainer final report	1956
19670088397	Research on design criteria for microwave filters quarterly progress report, 15 jul. - 15 oct. 1956	1956
19670088450	Research on design criteria for microwave filters quarterly progress report, 15 sep. - 15 dec. 1955	1956
19670088482	Proceedings of the third navy symposium on aeroballistics	1956
19670088483	The effect of wind on the flight of the 12.75 inch anti-submarine rocket and of the 5-inch high capacity spin stabilized rocket	1956
19670088484	Magnus characteristics of typical projectile configurations	1956
19670088485	The army-navy spinner program	1956
19670088486	An analytical method for predicting the magnus forces and moments on spinning projectiles	1956
19670088487	A review of aeroballistic range research on winged and/or finned missiles	1956
19670088488	Review of project meteor	1956
19670088489	Ramjet engine design optimization and the comparative performance evaluation of supersonic diffusers for long range triton missile	1956
19670088490	Ballistic assessment of the aerodynamic drag of a 5-inch anti-aircraft projectile	1956
19670088491	Separation characteristics associated with the launching of large rockets from aircraft	1956
19670088492	Investigation of problem associated with the air launching of a lightweight parachute- stabilized torpedo	1956
19670088493	A non-linear theory of the lift on slender bodies of revolution	1956
19670088494	Wing-body interference at supersonic speeds with special emphasis on the experimental and theoretical investigation of afterbody loadings, as influenced by various wing loadings, particularly at high angles of attack	1956
19670088495	High angle of attack aerodynamic rolling moments and stability phenomena for cruciform wing-body combinations	1956
19670088496	Aerodynamic characteristics of fin-boattail combinations at m equals 2.00	1956
19670088497	Estimation of increment in tail panel loading due to wing up to high angeeles of attack making due allowance for the supersonic nature of the downwash field /only the tails in line, phi equals o case considered	1956
19670088498	An experimental study of shock detachment distance	1956
19670088499	A new analytical method for the prediction of turbulent boundary layer characteristics on a thermally insulated flat plate at supersonic speeds	1956
19670088500	Boundary layer measurements in hypersonic flow	1956
19670088501	New laminar and turbulent heat transfer data applicable to practical body shapes for high mach number flight	1956
19670088502	Heat transfer experiments in supersonic flow	1956

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088503	Recent developments in rarefied gas dynamics research	1956
19670088504	A comparison of aerodynamic data from wind tunnels and free flight ranges	1956
19670088948	Evaluation and improvement of vacuum metallizing techniques	1956
19670090021	A sustaining mechanism for a transverse acoustical mode of combustion instability	1956
19670090393	Thermal test, electrical insulation for skin surfaces	1956
19670090466	Diaphragm material, plasticized kel-f, use with ethylene oxide fuel in xq-5	1956
19670090542	A method of calculating the response time of pressure measuring systems	1956
19670090694	Propagation of detonations and deflagrations in gaseous mixtures	1956
19670090784	The measurement of non-linear forces and moments by means of free flight tests	1956
19670090785	Some instability mechanisms of tangent-finned rockets	1956
19670090788	Multifinned tails in supersonic flow	1956
19670090792	Weighting factors for combined effects of density and elasticity in a physically consistent standard atmosphere	1956
19670090793	The effects of lift and damping on the dispersion of fin-stabilized rockets	1956
19670090797	[No Title]	1956
19670090984	System 125 a /convair model 25/ reliability- accuracy union	1956
19670091207	A collection of longitudinal stability derivatives of wings at supersonic speeds	1956
19670091208	Improvement and simplification of the scanvocoder and its connection to a correlation pulse code system	1956
19670091302	System 125A - Convair Model 25: Angular Reference Frames and Associated Matrices	1956
19670092042	A new concept in the design of lightweight turbojet engines	1956
19670093400	A field study of a vigilance task	1956
19670093813	Flutter of a helicopter rotor rotating in its own wake	1956
19670093849	Aerodynamic heating associated with re-entry into the earth's atmosphere	1956
19670093953	Study of a membrane venting system for the usaf type k-1 battery quarterly progress report, 15 jul. - 1 nov. 1956	1956
19670095326	Annual report on research project	1956
19670095489	D.i.g.t. radial inflow turbine scroll and nozzle performance, part 1	1956
19670095936	Topological formulas for network functions	1956
19680066607	Airplane Crash-Impact Loads, Crash Injuries and Principles of Seat Design for Crash Worthiness, NACA Conference	1956
19680066609	Crash Loads	1956
19680066610	Seat Design for Crash Worthiness	1956
19680068648	An analytic study of turbojet engine thrust augmentation with liquid hydrogen, pentaborane, magnesium slurry, and jp-4 afterburner fuels and a 22/0-second impulse rocket	1956
19680086903	An experimental investigation of the two- dimensional magnus effect final report	1956
19680086914	Calculation of repetitive diving decompression tables research report, 23 apr. 1954 - 4 jun. 1956	1956
19680087125	Microlock - a minimum weight radio instrumentation system for a satellite progress report	1956
19680087142	Installation of an automatic control system in a t-33 airplane for variable stability flight research. part 1 - preliminary investigation and design studies	1956
19680087436	Simulation of large-amplitude nonlinearities in engineering systems	1956
19680087448	Investigations of the electrical and physical characteristics of aircraft fuels	1956
19680087457	Installation of an automatic control system in a t-33 airplane for variable stability flight research. part 2. detail design, fabrication and installation	1956
19680087462	Effect of gloves on control operation time	1956
19680087513	Results of systematic investigations on secondary flow losses in cascades. part 3 - secondary flow losses of a turbine cascade for different shapes of blade tip and blade foot	1956
19680088481	Stability and control of tandem helicopters - phases 1 and 2, static and dynamic longitudinal stability and control	1956
19680088700	Synthesis of new propellants and explosives final report, oct. 24, 1947 - jun. 15, 1956	1956
19680090274	Forces and moments on oscillating slender wing-body combinations at sonic speed	1956
19680090308	The frequency response characteristics of a stabilized single rotor helicopter	1956
19680090586	Estimation of turbulent heat transfer at the sonic point of a blunt-nosed body	1956
19680090669	Stagnation Point Heat Transfer for Hypersonic Flow	1956
19680090670	Dovap film reader /integrating motor type/	1956
19680090912	Analysis of missile tank geometries	1956
19680090979	Design of aerofoil sections with linearly varying pressure distribution on the upper surface	1956
19680092468	The establishment of the stiffness matrix for a continuous beam by method of elastic coefficients	1956
19680092471	An application of the stiffness concept of the beam column problem	1956
19680094411	A guide to statistical procedures for research workers	1956
19690086981	Velocity analysis of laval beams	1956
19690086982	Beams of condensed atoms and molecules in a high vacuum	1956
19690087501	The electronmicroscopical picture of the surface of membrane filters	1956
19690089478	New electromagnetic methods for destruction free testing of materials	1956
19690090822	Dynamic responses of the XSM-65C missile /center bulkhead at station 960/ resulting from thrust transients	1956

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091070	Impact predictor analysis - Summary of tracker analysis	1956
19690091317	Recovery systems for missiles and target aircraft Interim rpreparedf or jpl_ icatin. 1951	1956
19690092182	Surface temperature transducer, model 7 Final progress report	1956
19690092223	Additional low speed wind tunnel tests on a .0991-scale model of the F-102A airplane to investigate the effects of the case 11 wing chamber and enlarged drogue parachute speed brakes	1956
19690092230	Free and braked fluidization on beds of solid particles	1956
19700089296	Some aspects of the evaluation of the useful life of nylon parachutes and parachute materials	1956
19700091435	A method for calculating the pressure distribution over jet-flapped wings	1956
19700091802	Countermeasures tests of Boeing experimental pulse-Doppler radar Final report	1956
19700095092	The development of impact sensitivity tests at the Explosives Research Laboratory, Bruceston, Pennsylvania during the years 1941-1945	1956
19710066225	Wind tunnel investigation at high subsonic speeds of drag at 0 deg angle of attack of swept-wing fuselage models with pylon mounted and semisubmerged missiles	1956
19710066899	Transient Heating Effects on the Bending Strength of Box Beams	1956
19710066948	The aerodynamic loading of a structurally deformed delta wing at supersonic speeds	1956
19710067131	The unsteady laminar boundary layer in an expansion fan moving through a gas initially at rest	1956
19710067177	Theoretical investigation of a simple gust alleviator	1956
19710067498	Turbine Failure Investigation of J65-W-4 Turbojet Engine in an Altitude Test Chamber	1956
19710069802	Analysis of turbojet and ram-jet engine cycles using various fuels	1956
19710077315	Ground-based infrared radiometric measurements on jet aircraft in flight Interim report	1956
19710078677	A survey of the literature on rhenium	1956
19710080389	Test on flotation-type rust preventives	1956
19710082647	Engineering evaluation of production Mark-1 systems	1956
19710082778	Snark status presentation	1956
19710082816	SM-62A weapon system /GM-317A/	1956
19710082817	A compilation of aerodynamic, propulsion, and systems data for design of the F-89 flight simulator	1956
19720071974	Spontaneous ignition temperature of JP-4 from sea level to 60,000 feet altitude	1956
19720073775	High performance water-based aircraft: Discussion of research status and indicated capabilities (U)	1956
19720076889	Some tactical considerations in regard to the 126-A weapon system	1956
19730064877	Computed performance data for liquid-propellant systems	1956
19730064897	Storable liquid-propellant systems containing halogens	1956
19730068639	Naval airborne attack systems for the 1965 period (U)	1956
19730076814	Reflection of radiation from an infinite plane. Part 5: Hemispherical source (correction due to shadowing)	1956
19740082638	The jet flap. Review and extension	1956
19740087753	Suitability of 34-ft ring slot parachute for SMART sled recovery	1956
19750064564	Report of Special Panel on Materials to Resist Aerodynamic Heating	1956
19750064566	Aircraft structures testing at elevated temperatures	1956
19760080274	Delay compositions	1956
19780078611	On the permeability of porous materials	1956
19780078802	Perforated sheets as a porous material for distributed suction and injection	1956
19780085534	Supersonic flutter calculations for a highly swept back wing	1956
19790083007	NACA Reactor Facility Hazards Summary	1956
19800073353	Index of NACA technical publications, June, 1955 - June, 1956	1956
19800073358	Manual for Users of the Unitary Plan Wind Tunnel Facilities of the National Advisory Committee for Aeronautics	1956
19800077913	The 8-pole microslyn magnetic suspension	1956
19880069034	Temperature measurement by radiation under high pressure and certain optical phenomena in gases under these conditions	1956
19880069041	Instrument for relative measurements of direct magnetic fields	1956
19900066635	Design of filters and mufflers. Case histories: Noise reduction	1956
19930078789	Exposure time and pattern complexity as factors affecting form discrimination	1956
19930085568	Investigation of suction slot shapes for controlling a turbulent boundary layer	1956
19930087592	Fundamental flame velocity, heat of combustion, and spontaneous ignition temperature of dimethylaminodiborane	1956
19930088127	An analytic study of turbojet-engine thrust augmentation with liquid hydrogen, pentaborane, magnesium slurry, and JP-4 afterburner fuels and a 330-second impulse rocket	1956
19930088837	Some Interference Effects that Influence Vertical-tail Loads at Supersonic Speeds	1956
19930088842	Transonic investigation of aerodynamic characteristics of a swept-wing fighter-airplane model with leading-edge droop in combination with outboard chord-extensions and notches	1956
19930088919	Transonic aerodynamic and trim characteristics of a multi-engine delta-wing airplane model	1956
19930088942	Flight Measurements of Section Efficiency, Thrust, and Power of a Supersonic-type Propeller at Mach Numbers to 0.9	1956
19930088943	Effect of combustion gas properties on turbojet-engine performance with hydrogen as fuel	1956
19930088946	Preliminary attempts at isothermal compression of a supersonic air stream	1956

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930089018	Tank Tests of a 1/8-size Powered Dynamic Model of the Martin PBM-5 Seaplane Equipped with a Single EDO Hydro-ski : TED No. NACA AD3110	1956
19930089022	Some aspects of supersonic inlet stability	1956
19930089044	Effectiveness of Inhibitors for Mass Transfer and Corrosion in Sodium Hydroxide - Nickel Systems	1956
19930089047	Correlation Between Hydrogen Pressure and Protective Action of Additives in the Molten Sodium Hydroxide - Nickel System	1956
19930089050	Inhibition of mass transfer in molten sodium hydroxide - nickel system by addition of chromite	1956
19930089065	Investigation of Aerodynamic Characteristics in Pitch and Sideslip of a 45 Degree Sweptback-wing Airplane Model with Various Vertical Locations of Wing and Horizontal Tail : Static Longitudinal Stability and Control, M = 2.01	1956
19930089078	Wind-tunnel investigation at low speed of aerodynamic characteristics of Army Chemical Corps model E-112 bomblets with span-chord ratio of 2:1	1956
19930089140	Minimum Drag of the Chance Vought XF8U-1 Airplane as Determined from the Flight Test of a 0.11-scale Rocket-boosted Model at Mach Numbers Between 0.73 and 1.71 : TED No. NACA DE 392	1956
19930089159	Presentation on Facility Problems in High-temperature Structures Research	1956
19930089162	Free-Flight Tests of 1/10-Scale Republic F-105 Airplane Wings in the Subsonic to Low Supersonic Speed Range to Investigate the Possibility of Flutter : COORD. No. AF-224	1956
19930089174	Calculated reactivity of uranyl-fluoride - water criticality experiments	1956
19930089199	Flutter Tests of a 1/25-scale Model of the B-36J/RF-84F Tip-coupled Airplane Configuration in the Langley 19-foot Pressure Tunnel	1956
19930089209	Aerodynamic Characteristics at Mach Numbers of 1.61 and 2.01 of Various Tip Controls on the Wing Panel of a 0.05-scale Model of a Martin XASM-N-7 (bullpup) Missile : TED No. NACA AD 3106	1956
19930089218	Aerodynamic Characteristics of a 0.04956-scale Model of the Convair F-102B Airplane at Mach Numbers of 1.41, 1.61, and 2.01 : COORD No. AF-231	1956
19930089247	Chemical and physical properties of a boron-carbon-hydrogen fuel Z-244 (NACA 55Z8)	1956
19930089311	Operational Characteristics of RA-14 Avon Turbojet Engine	1956
19930089317	Effects of External Stores on the Static Longitudinal and Lateral Aerodynamic Characteristics of a Model of a 45 Degree Swept-wing Fighter Airplane at Mach Numbers of 1.61 and 2.01	1956
19930089334	Tests with hydrogen fuel in a simulated afterburner	1956
19930089342	Performance of a short turbojet combustor with hydrogen fuel in a quarter-annulus duct and comparison with performance in a full-scale engine	1956
19930089344	Investigation of a 1/22-scale Model of the Republic F-105 Airplane in the Langley 8-foot Transonic Tunnel : Static Longitudinal Stability and Control and Performance Characteristics at Transonic Speeds	1956
19930089351	Some flight data for the Chance Vought Regulus II missile : TED No. NACA AD 398	1956
19930089360	Altitude component performance of the RA-14 Avon turbojet engine	1956
19930089370	Lateral-Stability Flight Test of a 0.125-Scale Rocket-Propelled Model of the McDonnell F-101A Airplane at Mach Numbers from 1.0 to 1.9	1956
19930089372	Flight Tests of Fifteen T-231 Gun-Launched Rocket Projectiles	1956
19930089389	Some transonic aerodynamic characteristics of a model similar to the McDonnell F3H-2N airplane : TED No. NACA DE 351	1956
19930089415	The Effects of the Addition of Small Fuselage-mounted Fins on the Static Directional Stability Characteristics of a Model of a 45 Degree Swept-wing Airplane at Angles of Attack up to 15.3 Degrees at a Mach Number of 2.01	1956
19930089421	Longitudinal aerodynamic characteristics of various configurations of a revised 1/22-scale model of the Republic F-105 airplane at Mach numbers of 1.41 and 2.01 : COORD. No. AF-163	1956
19930089428	Experimental Investigation of Marquardt Shock-positioning Control Unit on a 28-inch Ram-jet Engine	1956
19930089437	Deleted record	1956
19930089470	A Low-speed Investigation of a High-lift Lateral-control Device Consisting of a Spoiler-slot-deflector and a Trailing-edge Flap on a Tapered 45 Degree Sweptback Wing	1956
19930089476	Static Lateral and Directional Stability and Control Characteristics of a 1/15-scale Model of the Grumman F11F-1 Airplane at Mach Numbers of 1.41, 1.61, and 2.01 : TED No. NACA DE 390	1956
19930089477	Supersonic Investigation of the Lift, Drag, Static Stability, and Hinge-moment Characteristics of a Rocket-powered Model of a Ballistic-missile Configuration	1956
19930089503	Altitude performance of J65-W-4B turbojet engine at Reynolds number indices from 1.0 to 0.1	1956
19930089529	Some design and operational considerations of a liquid-hydrogen fuel and heat-sink system for turbojet-engine tests	1956
19930089544	Transonic Aerodynamic Characteristics of a 1/15-scale Model of the Convair B-58 Airplane	1956
19930089551	Static Lateral and Directional Stability and Control Characteristics of a Revised 1/22-scale Model of the Republic F-105 Airplane at Mach Numbers of 1.41 and 2.01 : COORD No. AF-163	1956
19930089552	Effects of wing modifications on the longitudinal stability characteristics of a 0.04956-scale model of the Convair F-102A airplane at transonic speeds	1956
19930089567	An Investigation of the Release Characteristics of a 1/30 Dynamically Scaled AVCO Booster Vehicle from the Simulated Bomb Bay of the B-52 Airplane : COORD. No. AF-AM-59	1956
19930089571	Analysis of turbojet and ram-jet engine cycles using various fuels	1956

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930089572	An investigation of the afterbody pressure distribution and fin loading characteristics of a specialized store configuration at transonic speeds	1956
19930089574	Transonic Wind-tunnel Investigation of Static Longitudinal and Lateral Stability and Control Characteristics and Drag Rise of a 0.042-scale Model of the Chance Vought XF8U-1 Airplane : TED No. NACA DE 392	1956
19930089577	A Wind-tunnel Investigation of the Effect of Nose Ring Spoilers on a Low-speed Slowly Spinning Fin-stabilized Rocket	1956
19930089580	Static Longitudinal and Lateral Stability Characteristics Including Effects of Transonic Area Rule and Wing Modification of a 0.10-scale Model of the Douglas A4D-1 Airplane at Transonic Speeds : TED No. NACA AD 3114	1956
19930089584	Wind-tunnel investigation at high subsonic speeds of drag at 0 degrees angle of attack of swept-wing-fuselage models with pylon-mounted and semisubmerged missiles	1956
19930089597	Method for shortening ram-jet engines by burning hydrogen fuel in the subsonic diffuser	1956
19930089623	Compilation and analysis of U.S. turbojet and ram-jet engine characteristics	1956
19930089648	Investigation of drag and static longitudinal and lateral stability characteristics of a 1/15-scale model of the Grumman F11F-1F airplane at Mach numbers of 1.56, 1.76, 2.06, and 2.53 : TED No. NACA AD 3125	1956
19930089653	Free-spinning-tunnel investigation of a 1/25-scale model of the Chance Vought XF8U-1 airplane : TED No. NACA DE 392	1956
19930089656	Free-spinning-tunnel investigation of effect of inverted-vee ventral fins on spin and recovery characteristics of Chance Vought XF8U-1 airplane : TED No. NACA DE 392	1956
19930089670	Static Stability and Control Characteristics of a 0.04956-scale Model of the Convair F-102A Airplane at Transonic Speeds	1956
19930090112	Drag at Model Trim Lift of a 1/15-scale Convair B-58 Supersonic Bomber	1956
19930090118	Relation of Turbojet Propulsion System Development to the Strategic Bomber Mission	1956
19930090204	Thermodynamic properties of products of combustion of hydrogen with air for temperatures of 600 to 4400 R	1956
19930090207	A Semigraphical Method for the Determination of the Rolling Characteristics of Rolleron-equipped Missiles	1956
19930090287	Surge-inception study in a two-spool turbojet engine	1956
19930090288	Effect of fuselage circumferential inlet location on diffuser-discharge total-pressure profiles at supersonic speeds	1956
19930090551	Wind-Tunnel Investigation of the Interference Effects during Separation of a 1/40-Scale Model Convair B-58 Airplane and Store at Mach Numbers of 1.41, 1.61, and 2.01	1956
19930092424	General background of the X-15 research-airplane project	1956
19930092425	Review of technology relating to the X-15 project	1956
19930092426	Flight experience with present research airplanes	1956
19930092427	Description of the X-15 Airplane, Performance, and Design Missions	1956
19930092428	Aerodynamic characteristics from wind-tunnel studies of the X-15 configuration	1956
19930092429	Some calculations of the lateral dynamic stability characteristics	1956
19930092430	Effects of aerodynamic characteristics on the pilot's control of the exit phase	1956
19930092431	Simulation studies of entry stability and control	1956
19930092432	Flight characteristics of an X-15 model at low speeds	1956
19930092433	Skin and structural temperature measurements on research airplanes at supersonic speeds	1956
19930092434	Method of calculation of heat-transfer coefficients for the X-15 airplane	1956
19930092435	Estimated structural temperatures for the X-15 airplane	1956
19930092436	Structural design of the X-15 research airplane	1956
19930092437	Control studies. Part A : some experience with side controllers	1956
19930092438	Control studies. Part B : studies of reaction controls	1956
19930092439	Instrumentation for the X-15	1956
19930092441	XLR99-RM-1 Rocket Engine for the X-15	1956
19930092442	X-15 Airplane Engine Installation	1956
19960023491	Effects of Shear Deformation in the Core of a Flat Rectangular Sandwich Panel: Stiffness of Flat Panels of Sandwich Construction Subjected to Uniformly Distributed Loads Normal to their Surfaces. Simply Supported Edges. Supplement	1956
19960027397	Fatigue of Sandwich Constructions for Aircraft. Fibreglas-Honeycomb Core Material With Fibreglas-Laminate or Aluminum Facing, Tested in Shear	1956
19960049687	Adaptation of Combustion Principles to Aircraft Propulsion	1956
20090014742	A Discussion of Helicopter Vibration Studies Including Flight Test and Analysis Methods used to Determine the Coupled Response of a Tandem Type	1956
20130014428	Supersonic Heat Transfer on Bodies with Conical Flares	1956
20140000119	Wall Pressure Fluctuations in a Turbulent Boundary Layer	1956
20140000127	Investigations of Brake Systems of Automobiles	1956
20140000181	Examination of Some of the Problems Involved in the Design of Propeller-Driven Vertical-take-off Transport Airplanes	1956
20140000216	Effect of Lateral Wind on the Boundary Layer of a High-speed Compressible Flow About a Cylindrical Obstacle (Wing at an Angle or with Sweepback)	1956
20150011288	Airplane Crash-Impact Loads, Crash Injuries and Principles of Seat Design for Crash Worthiness	1956

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013918	Flame Stabilization by Bluff Bodies in Gaseous Fuel-Air Mixture	1956
20150013926	Thermoelectric Power of AuCu in Nonequilibrium States	1956
20150013927	Free-Atmosphere Turbulence	1956
20150013929	Propagation of Sound in the Atmosphere and Audibility of Alarm Signals in Surrounding Noise	1956
20150013930	Notes on Steep Instrument Approaches in a Helicopter	1956
20150013931	Wind-Tunnel Investigation of Low-Speed Oscillatory Derivatives in Pitch and in Roll of Agard Model D	1956
20150014011	Interpretations and Applications of Flow Measurements	1956
20150014016	Temperature and Flow Distribution in Air-Cooled Reactors	1956
20150014017	Facilities and Instrumentation for Compressor and Turbine Research at the NACA Lewis Flight Propulsion Laboratory	1956
20150014023	Report on Jet Directional Control Investigation	1956
20150014049	Some Recent Developments in the Aerodynamics of Wings for High Speeds	1956
20150014302	Heat Transfer to a Yawed Infinite Cylinder in Compressible Flow	1956
20150014369	On the Supersonic Flow of a Viscous Fluid Past a Flat Plate	1956
20150014379	Spectrum Analysis of Homogeneous Turbulence	1956
20150014642	A New Procedure for Determining the Ratio of the Exchange Coefficients for Heat and Momentum in Turbulent Boundary Layers	1956
20150014648	Instrumentation for Field Measurements of Noise Propagation Over Ground	1956
20150014661	Determination of Dissolved Oxygen in Hydrocarbons	1956
20150014663	The Slender Elliptic Cone as a Model for Non-Linear Supersonic Flow theory	1956
20150014664	Specific Heat and Heat of Transformation of MgCd3	1956
20150014665	Concepts on Turbojet Engines for Transport Application	1956
20150015005	Experiences with Automatic Digital Data Processing	1956
20150015006	Some General Considerations Concerning VTOL Aircraft	1956
20150015007	Problems in the Design of Propeller-Driven Vertical Take-Off Transport Airplanes	1956
20150015008	Weight Efficiency Analysis of Thin Wing Construction	1956
20150015009	Some NACA Research on the Effect of Transient Heating on Aircraft Structures	1956
20150015010	Complete Representation of the Turbulent Velocity Distribution in Smooth Pipes	1956
20150015139	Influence of Aerodynamic Heating on the Effective Torsional Stiffness of Thin Wings	1956
20150015140	Influence of Aerodynamic Heating on the Effective Torsional Stiffness of Thin Wings	1956
20150015599	A Study of Hydrogen Embrittlement of Iron by Internal-Friction and X-Ray Methods	1956
20150015653	Acoustic Filters	1956
20150015713	Annual Research Task Summary 1956: Volume VI Engineering Sciences, Research and Development	1956
20150015736	Substitutes for Wind-Tunnel Measurements, with Special Consideration of Free-Flight Measurements	1956
20150015803	Presentation of the Free Vibrations of a Wing in the Wind with the Aid of the Concept of Memory	1956
20150015842	Crash-Fire Research with Jet Aircraft	1956
20150015844	Characterization of Turbulent Combustion by Flame Space and Space Heating Rates. Propane-Oxygen-Nitrogen Flames	1956
20150015846	Experimental Research on Aircraft Structures at Elevated Temperatures	1956
20150015847	Three-Dimensional Laminar Separation	1956
20150015849	Theory of Nonlinear Servomechanisms	1956
20150015870	Effect of X-Irradiation on Surface Structure of Sodium Chloride Crystals	1956
20150015871	Recent Developments in the Theory of Wing-Body Wave Drag	1956
20150015872	Experimental and Analytical Investigation of Secondary Flows in Ducts	1956
20150015939	Relationships Between the Graphical and the Algebraic Stability Criteria	1956
20150016208	Notch and Smooth Bar Stress-Rupture Characteristics of Several Heat-Resistant Alloys in the Temperature Range Between 600 and 1000 F	1956
20150016294	A Method for Approximate Integration of Arbitrary Partial Differential Equations	1956
20150016626	The Nozzle Cannon	1956
20150016890	Theoretical Methods of Ballistics Second Part: Internal Ballistics	1956
20150016946	Analytical Determination of the Natural Coupled Frequencies of Tandem Helicopters	1956
20150016979	An Investigation of Effects of Certain Types of Structural Nonlinearities on Wing and Control Surface Flutter	1956
20150016981	Enhanced Oxidation of Platinum in Activated Oxygen	1956
20150016982	The Quenching of Flames of Propane-Oxygen-Argon and Propane-Oxygen-Helium Mixtures	1956
20150017655	Theodore von Karman's Deepening Impress Upon Aeronautical Science and Engineering	1956
20150017666	Harmonic Analysis Applied to Vibration Tests of Nonlinear Structures	1956
20150017670	Investigations of Cascade Flows in Turbomachines	1956
20150017683	The Solutions of the Integral Equation $g(x) = 1/(2\pi) \int_a^{-a} f(\xi)/x-\xi (d \xi)$ and Their Application in Wing Theory	1956
20150018825	The Kinetics of the Growth of Cracks in the Process of Rupture of Solid Bodies	1956
20150018936	A Design of Turbulent Pipe Flow Apparatus for Acoustic Measurement	1956
20150019402	The Pipe Wind Tunnel	1956
20150019403	Observations Regarding a Criterion of Laminar Separation in the Three-Dimensional Boundary Layer	1956
20150019404	Second Annual Report of the Directorate of the Institute on the Work of the Research Institute for Physics of Jet Propulsion, Stuttgart, at the Third Regular Conference of the Members on July 20, 1956	1956

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150019408	Differential Equations of Motion Containing a Slowness Parameter	1956
20150019562	On the Origin of Turbulent Motions of Fluids and on the Effect of These Movements in the Flow Through Pipes	1956
20150019687	Pyrometry of High Velocity Gases	1956
20150019822	Special Electronic Equipment for the Analysis of Statistical Noise Data	1956
20150022966	Strengths and Failure Characteristics of AMS 5765A (S-816) Alloy in Direct Tensile Fatigue at Elevated Temperatures	1956
20160000482	On the Flutter of Infinitely Long Panels on Many Supports	1956
20160001072	Recent Developments in the Theory of Wing-Body Wave Drag	1956
20160012667	Reactivity Measurements with the Bulk Shielding Reactor: Worth of Voids Within Core: Worth of Fuel Element Water Passages and Fuel Element Plates	1956
19620003330	HARD COMPOUNDS OF REFRACTORY METALS	1957
19630002636	ANALYTICAL INVESTIGATION OF FUEL-COOLED TURBINE BLADES WITH RETURN-FLOW TYPE OF FINNED COOLANT PASSAGES	1957
19630002772	LOCAL HEAT TRANSFER TO BLUNT NOSES AT HIGH SUPERSONIC SPEEDS	1957
19630003032	INVESTIGATION OF AN AFTERBURNING RAMJET USING GASEOUS HYDROGEN AS FUEL AT MACH NUMBER OF 3.0	1957
19630010605	USE OF CONSTANT DIFFUSER MACH NUMBER AS A CONTROL PARAMETER FOR VARIABLE-GEOMETRY INLETS AT MACH NUMBERS OF 1.8 TO 2.0	1957
19630010645	TOTAL-PRESSURE DISTORTION AND RECOVERY OF SUPERSONIC NOSE INLET WITH CONICAL CENTERBODY IN SUBSONIC ICING CONDITIONS	1957
19630033651	SOME EFFECTS OF LINEAR ACCELERATION ON GIMBAL FRAMES	1957
19630035456	COMPUTING SQUARES AND SQUARE ROOTS BY SERIES	1957
19630042102	EFFECT OF AIR TEMPERATURE OF VORTEX SHEDDING FREQUENCY OF CYLINDERS	1957
19630043570	THE STRESS CONCENTRATION OF A NOTCHED BAR IN BENDING	1957
19630043610	THE TRANSPORT PROPERTIES OF AIR AT ELEVATED TEMPERATURES. DIFFUSION, THERMAL DIFFUSION, AND THE EFFECT OF THERMAL DIFFUSION ON THERMAL CONDUCTIVITY TECHNICAL PROGRESS REPORT	1957
19630043686	PERFORMANCE TESTS ON TWO PIEZOELECTRIC QUARTZ CRYSTAL PRESSURE TRANSDUCERS AND CALIBRATOR	1957
19630043895	T-37A PHASE IV- PERFORMANCE AND STABILITY AND CONTROL	1957
19630043939	EFFECT OF WING-TIP VORTICES AND SONIC SHOCK ON ARMY AIRCRAFT IN FLIGHT REPORT OF PROJECT NR AVN 2656	1957
19630044243	A SUMMARY OF THE THREE-DIMENSIONAL TRAJECTORY COMPUTATION PROGRAM	1957
19630044353	PRELIMINARY STUDY OF THE EFFECT OF BINARY ALLOY ADDITIONS ON THE OXIDATION RESISTANCE OF COLUMBIUM	1957
19630044694	INTERIM IMPACT PREDICTOR N. FINAL ENGINEERING REPORT	1957
19630044807	[No Title]	1957
19630044812	[No Title]	1957
19630044964	DESIGN AND OPERATIONAL DATA FOR THE SUPERSONIC TRANSPORT	1957
19630045105	CONTRIBUTIONS TO THE THEORY OF THE PITOT-TUBE DISPLACEMENT EFFECT	1957
19630045216	RESEARCH AND DEVELOPMENT ORTHO-PARA CATALYSIS IN LIQUID-HYDROGEN PRODUCTION	1957
19630045403	FEASIBILITY INVESTIGATION OF A STORABLE-PROPELLANT ROCKET ENGINE /U/ QUARTERLY PROGRESS REPORT, 1 AUG. - 31 OCT. 1957	1957
19630045434	Report to the NACA Subcommittee on High-Speed Aerodynamics	1957
19630045504	STRUCTURAL VULNERABILITY OF F-84 AIRCRAFT TO EXTERNALLY DETONATED EXPLOSIVES	1957
19640054607	Nonlinear shift-register sequences	1957
19640055083	The use of stanton tube for skin-friction measurements	1957
19640058151	Feasibility investigation of a storability- propellant rocket engine <first< quarterly report, 29 apr.-31 jul. 1957	1957
19640058210	[No Title]	1957
19640058216	[No Title]	1957
19640058271	An Analysis of Experimental Data on Transition for Blunt Bodies	1957
19640058485	Report of the Ad Hoc Group on Large Solid Propellant Rocket Engines	1957
19640058649	Xsm-68 airframe and propulsion data for trajectory calculations	1957
19640058887	Altitude performance investigation of a yj79- ge-3 turbojet engine with a variable-area converging jet nozzle at a high mach number	1957
19640059051	High-intensity arc - i /instrumentation/	1957
19640059054	Comparative rates of ethylation of pentaborane /9/ and decaborane technical research report	1957
19640059191	A review of correlation, matched-filter, and signal-coding techniques, with emphasis on radar applications, volume i	1957
19640059193	Solubility of gases in ethyl-decaborane and in hef-3	1957
19640059194	Reactions of pentaborane/9/ with some polyhalogenated hydro carbons in the presence of anhydrous aluminum chloride	1957
19640059195	Pyrolysis of diborane in a static system in the presence of lewis bases	1957

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059196	Reactions of olefins with pentaborane/9/ and a study of the effect of lewis acid catalyts	1957
19640059210	Recovery of aluminum chloride from sodium tetrachloroaluminate by thermal decomposition technical research report	1957
19640059347	Acute toxicity determinations of organoboron compounds by intraperitoneal route in rats technical research report	1957
19640059412	Electrolysis of lithium chloride-potassium chloride eutectic melt containing various contaminants technical research report	1957
19640059523	Design, development, and functional test of a 1000 deg f pneumatic system semi-annual progress report, 12 mar. - 15 sep. 1957	1957
19640059526	Kc-135a phase ii flight evaluation	1957
19640059614	A study of the spontaneous ignition tempera- ture of organoborane fuels. part i- the effect of additives on increasing the spontan- eous ignition temperature technical research report	1957
19640059724	Materials advisory board report of the committee on refractory metals, volume ii- panel reports	1957
19640059943	Dynamic response of a nonlinear membrane in supersonic flow	1957
19640060127	F-104a empennage dynamics summary report	1957
19640060171	The effects of nuclear radiation on electronic components, phase 1 scientific report no. 6	1957
19640060172	The effects of nuclear radiation on electronic components, phase 1 scientific report no. 8	1957
19640060173	The effects of nuclear radiation on electronic components, phase 1 scientific report no. 9	1957
19640060195	Quenching program- numerical evaluation techniques	1957
19640060244	A structural description of titan	1957
19640060319	Adsorption of carbon dioxide from submarine atmospheres by linde molecular sieves	1957
19650057426	Sycamore mk. 3 - wt 939 /alvis leonides le. 23hm/. flying qualities assessment	1957
19650071154	Wings of minimum drag <krylya minimalnogo soprotivleniya->	1957
19650071155	Certain variational problems in the gas dynamics of axisymmetric supersonic flow <nekotorye variatsionnye zadachi gazovoi dinamiki osesimmetrichnykh sverkhzvukovykh techenii->	1957
19650071647	Oscillations of quasi-linear systems with a nonanalytical characteristic of nonlinearity <kolebaniya kvazilineinykh sistem s neanaliticheskoi kharakteristikoi nelineinosti->	1957
19650073470	Supplementary Investigation in the Langley 20-foot Free-spinning Tunnel of a 1/20-scale Model of the Douglas F4D-1 Airplane with External Wing Fuel Tanks	1957
19650074831	Characteristics of nine research wind tunnels of the langley aeronautical laboratory	1957
19650076047	Minimum entropy production as a design criterion for breathing	1957
19650076497	Flutter of two parallel flat plates connected laterally by an elastic medium	1957
19650077694	[No Title]	1957
19650077695	[No Title]	1957
19650077697	[No Title]	1957
19650077708	[No Title]	1957
19650077723	[No Title]	1957
19650077793	Ground support system - air launched flight, model ds-1 volume 1- ground support equipment specification /plan/	1957
19650077853	A rapid method to determine drag divergence mach number	1957
19650077860	Model f-101a - results of inertia coupling analysis and flight tests. volume ii- appendices	1957
19650077919	Model f-101a- results of inertia coupling analyses and flight tests, volume i	1957
19650077961	Analysis of airborne nuclear shielding data i,	1957
19650078077	Study of semiconductor materials and devices final report, oct. 1, 1955 - jun. 30, 1957	1957
19650078225	Mechanism of rain erosion. part 7- mechanism studies on 1100 and 3003 aluminum, jun. 1955 - jan. 1956	1957
19650078514	The ground effect on the jet flap in two dimensions	1957
19650078961	Fuel consumption tests of the model f3h-2n airplane	1957
19650079267	Polarization properties of corner reflectors with modified walls	1957
19650079381	Robo, rocket bomber studies. volume ii- primary technical studies, part ii	1957
19650079447	Some preliminary experimental results on the effect of asymmetric body waisting on the drag due to lift of a swept-back wing at transonic speeds	1957
19650079491	The sound pulse from a spark discharge in a fluid	1957
19650079616	Equation of state - bibliography	1957
19650079622	Corrosion of graphite by nitrogen	1957
19650079954	Early history and background on earth satellite	1957
19650079984	Preliminary investigation of hyper environments and methods of simulation. part i- natural and induced environments above 75,000 feet final report	1957
19650079986	Symposium, physical standards and selection. aviation medicine residency training program	1957
19650080008	Proposed airplane applications for the multi- cylinder turbojet engine	1957
19650080146	A preliminary estimate of the performance characteristics of a mach 4 turbofan engine	1957
19650080203	Optimum propellant loading for titan and thor missiles	1957
19650080205	Slosh buildup caused by wind gusts, xsm-75, series 1b	1957
19650080251	Study of shock absorbent devices	1957
19650080320	Statement of the equations in the two- dimensional trajectory program	1957

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080424	Cushioning for air drop, part vi. preliminary investigation of the absorption of shock energy by wood in lateral compression	1957
19650080425	Cushioning for air drop, part vii. characteristics of foamed plastics under dynamic loading	1957
19650080468	NACA Conference on Hydrogen for Turbojet and Ram-Jet Powered Flight	1957
19650080546	Altitude performance of westinghouse xj54-we-2 engine, part ii - engine performance	1957
19650080556	Indicators, electric twenty-third monthly progress report, aug. 10 - sep. 9, 1957	1957
19650080574	The effects of additives on the sintering of uranium dioxide	1957
19650080617	Stability and control of the lockheed t2v-1 airplane	1957
19650080628	Interaction potential for hehplus triplet state	1957
19650081114	Structural adhesives and sandwich constructions - wadc - university of dayton joint symposium	1957
19650081134	The thermal conductivities of nitrogen and argon in the liquid and gaseous states	1957
19650081138	Aluminum tubing requirements for aircraft liquid oxygen systems	1957
19650081139	X-ray crystallographic study of room temperature modification of monomethylammonium aluminum sulfate alum, /ch3nh3/<al/h2o/6< /so4/2.6h2o	1957
19650081146	Permeability of sintered alumina to air	1957
19650081193	Elastomers for air weapons	1957
19650081212	[No Title]	1957
19650081260	Evaluation of an oil resistant fluorosilicone elastomer flexible at -80f	1957
19650081263	Investigation of inertial navigation systems suited for digital instrumentation, volume ii	1957
19650081395	[No Title]	1957
19650081399	On fluorine reference work	1957
19650081433	Comparison of lox/kerosene, lox/hydrazine, and fluorine/hydrazine as propellants for long- range rockets	1957
19650081476	On the separation of factors contributing to radio-signal attenuation during re-entry	1957
19650081688	[No Title]	1957
19650082615	Program of exploratory research on rocket engine combustion eighth quarterly status report, nov. 15, 1956 - feb. 15, 1957	1957
19650082629	Program of exploratory research on rocket engine combustion ninth quarterly status report, feb. 15 - may 15, 1957	1957
19650082772	Cathode ray tube display for 640 bit memory	1957
19650082837	Prediction of the altitude at which surface melting will occur during the re-entry of a cylinder	1957
19650082934	A theoretical investigation of the effect of injection of air on turbulent boundary-layer skin-friction and heat-transfer coefficients at supersonic and hypersonic speeds	1957
19660010451	Investigation of Drag and Static Longitudinal and Lateral Stability Characteristics of a Model of a 40.4 Deg Swept-Wing Airplane at Mach Numbers of 1.56 and 2.06	1957
19660073584	Noise from missile static firing and launch sites and the resultant community response	1957
19660081893	Wind-tunnel investigation of mutual interference loads on a supersonic bomber configuration and store during separation at mach numbers of 1.57, 1.77, and 2.01	1957
19660082009	Investigation of the low-speed flight characteristics of a 1/15-scale model of the convair XB-58 airplane	1957
19660084068	The blasius equation with three-point boundary conditions	1957
19660084725	Experimental Studies of the Hydrodynamics of Liquid Propellant Injection	1957
19660085205	Pressure characteristics of sealed nickel- cadmium cells	1957
19660088626	Investigation of inertial navigation systems suited for digital instrumentation. appendix e - additional information and errata	1957
19660088636	Equations for high precision comparison of the ac system outputs with sled velocity data	1957
19660088643	The transmission of data from a satellite vehicle, and the directivity desirable in the vehicle antennas interim report	1957
19660088645	Mass transfer tests on a spherical nose at high reynolds numbers	1957
19660088672	Design, fabrication, testing, and delivery of liquid-propellant-rocket test sleds for testing inertial-measurement units on the snort facility final report, 15 dec. 1955 - 1 dec. 1956	1957
19660088737	Bulletin of the thirteenth meeting of the joint army-navy-air force solid propellant group. volume i- symposium on high total impulse rockets	1957
19660088738	Ionization probes in rocket exhausts final technical report	1957
19660088774	Predicting infrared molecular absorption for long slant paths in the upper atmosphere	1957
19660088784	Evaluation of transverse acceleration /rear to front/ utilizing conventional and special restraint gear	1957
19660088796	Degradation of c-816 and c-437 with fluorine	1957
19660088857	Bulletin of the thirteenth meeting joint army-navy-air force solid propellant group. optimization studies of solid-fuel power plants for small, intermediate range, ballistic missiles addendum	1957
19660088867	High altitude, high mach number dynamic stability investigation quarterly progress report no. 4, 1 mar. - 30 may 1957	1957
19660088885	Spectral bandwidth of backscatter signals	1957
19660088913	An integrated reliability development and demonstration program for missile accessory power supplies	1957
19660088929	Development of carbon remover materials quarterly progress report, 3 oct. 1956 - 3 jan. 1957	1957
19660088993	Representation of sloshing modes by the motions of a set of conical pendulums	1957
19660089014	Feasibility and design study for a high temperature hypersonic wind tunnel- pebble heater design	1957
19660089058	Solid-propellant instability of combustion and transition from deflagration to detonation	1957

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089082	Transactions of second technical symposium on ballistic missiles. volume ii - guidance and control, trajectories radio propagation	1957
19660089358	[No Title]	1957
19660089394	Sound pressure variation and spectrum of sonically induced cavitation <schalldruckverlauf und spektrum bei der schwingungskavitation<	1957
19660089523	[No Title]	1957
19660089548	Spin wave analysis of ferromagnetic resonance in polycrystalline ferrites	1957
19660089573	Proposed study of a supercharged ramjet cycle	1957
19660089586	The effect of dielectric covers on x-band slot radiators	1957
19660089595	Applied research	1957
19660089677	Present status of the r-w sloshing study program	1957
19660089707	The mixing of vapor and liquid jets final report, 1 jul. 1956 - 15 oct. 1957	1957
19660089952	Ballistic missile radar cross sections	1957
19660089989	The ion rocket engine	1957
19660090193	Noise radiation from fourteen types of rockets in the 1,000 to 130,000 pounds thrust range	1957
19660090934	Biweekly progress report no. 9, 20 may - 2 jun. 1957	1957
19660091420	Report on test and evaluation of john b. rudy and company angle of attack transducers	1957
19660091823	The design and development of a capacitive wave profile recorder	1957
19660092370	Preliminary wind tunnel tests of a lifting fan in a two-dimensional aerofoil	1957
19660093127	Radiated sound test of aqua-lung scuba enclosed in airesearch noise suppressor 136800	1957
19660093337	A study of the atmospheric heat balance final report, nov. 1949 - jun. 1955	1957
19660093429	Initial development testing of dual cycle propulsion system	1957
19670011890	An analysis of the performance and space storage characteristics of small propane- flox upper stages	1957
19670082458	A special analytical study of air-lubricated bearings for jet aircraft engines final technical report, 7 mar. 1956 - 15 feb. 1957	1957
19670083891	Correlation of airfoil ice formations and their aerodynamic effects with impingement and flight conditions	1957
19670087899	Entering the machine domain	1957
19670088179	Meteoric effects on long range and orbital vehicles	1957
19670088361	Contributions to jet pump theory	1957
19670088422	Theoretical investigations of sonic boom phenomena	1957
19670088914	Experimental investigation of isentropic internal contraction inlets at mach numbers from 2.0 to 2.70	1957
19670089827	Tests of three flat plated grillages. part iv - plastic collapse	1957
19670089828	Tests of three flat plated grillages. part iii-dishing of plate panels under load representing aircraft type	1957
19670089829	Tests of three flat plated grillages. part ii-elastic behaviour when loaded over beams	1957
19670089841	Tests of three flat plated grillages part i-introduction and description of tests	1957
19670090007	Some aerodynamic properties of two 90mm spiked nose shell t300e53 and t316e6	1957
19670090084	Compendium of air blast effect, vol. ii	1957
19670090304	Production and use of very high temperatures erzeugung und anwendung hochster temperaturen	1957
19670090452	Recovery system - x7a-3 operational description	1957
19670090458	An elastic tube theory of pulse transmission and oscillatory flow in mammalian arteries	1957
19670090622	Aerodynamic properties of some blunt-nosed configurations /ge 290, ge 291/	1957
19670090698	X-7a ramjet test vehicle progress report, apr. - jun. 1957	1957
19670090967	Gas flow tables	1957
19670091450	The safety of aircraft structures technical report, 15 feb. - 30 nov. 1956	1957
19670092688	Digital determination of topological quantities and network functions	1957
19670093819	Hydrogen contamination in titanium and titanium alloys. part iv - the effect of hydrogen on the mechanical properties and control of hydrogen in titanium alloys	1957
19670093833	Buckling of the single-and multi-layer conical and cylindrical shells with rotationally symmetric stresses	1957
19670094355	Dovap radio beacon rm-2	1957
19670095210	Signal detection with simultaneous visual and auditory presentation	1957
19670095297	A program for computing skin temperatures in trajectories	1957
19670095902	Performance, tactical air command f-104a	1957
19670095940	Field methods for determination of unsymmetrical dimethylhydrazine and water in nike fuels	1957
19670096199	Rectifier, electronic printing, photogrammetric en-28 final study report	1957
19680065416	Some new mechanisms and conceptions of stall including the behavior of vaned and unvaned diffusers progress report	1957
19680068700	Flutter experiments with various control configurations	1957
19680085648	The limiting capabilities of unaided human vision in aerial reconnaissance	1957
19680086195	Unconsciousness in underwater swimmers	1957
19680086494	Effects of bursts of loud noise on a continuous visual task	1957
19680087452	The problem of knudsen flow. part 3 - solutions for one-dimensional systems /addendum/	1957
19680087522	A crash-restraint demonstrator	1957
19680088135	[No Title]	1957
19680088464	Transonic flutter model tests. part 1. 45 degree swept wings	1957
19680088470	Study of components of the high-intensity arc tail flame	1957

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088717	The ablation of reinforced plastics in supersonic flow	1957
19680089441	Ground suction investigation for the republic ap-83 airplane /u/	1957
19680089449	Compendium of air blast effects, volume 2. part 2 - loads /u/	1957
19680089454	[No Title]	1957
19680089455	Aerodynamic dimensional data for the xsm-62 snark pilotless aircraft northrop model designation n-69e /u/	1957
19680089492	Depi - an interpretive digital-computer routine simulating differential-analyzer operations	1957
19680089576	The influence of barometric pressure and vapor pressure on insensible weight loss in nude resting man technical report, feb. - jun. 1956	1957
19680089579	Drag and stability properties of the avco 13 nose cone model /u/	1957
19680089580	Drag and stability of avco 801 shape /u/	1957
19680090585	Calculation of optimum supersonic delta wings	1957
19680090696	An improved n/10 methyl violet surveillance test for double base propellants	1957
19680090710	In compressible newtonian hypersonic flow around a sphere	1957
19680090726	General test plan for missile destruct testing at erb-research test site	1957
19680090744	Analytical boundary conditions for hypersonic flow around a sphere	1957
19680090804	Flame reaction rates	1957
19680090880	On the choice of mercury vapor as testing medium for a plasma tunnel and some of its aerodynamic properties	1957
19680091234	Flow conditions occuring when a shock wave reaches an orifice plate	1957
19680091382	Plane couette flow of a conducting gas through a transverse magnetic field	1957
19680091442	Xsm-65b and xsm-65c missile composite checkout description and plan	1957
19680091454	Convection-diffusion processes below a stable layer, part 2	1957
19680091508	Experimental evaluation of skin stresses in a thin walled pressure vessel subjected to concentrated radial loads	1957
19680092561	Liquid propellants handbook, volume 2 /u/	1957
19680092646	Series A component test equipment	1957
19680094298	Fuel-sloshing effects in a two-tank ballistic missile, with reference to Blue Streak	1957
19680094300	A single-plane study of azimuth guidance and control for the main propulsion stage of Blue Streak	1957
19690072308	Further creep buckling tests with cylinders subjected to flexure	1957
19690088775	Electronic equipment cooling by simultaneous heat and mass transfer	1957
19690089580	Problems and research on fuel atomisation in jet propulsion units	1957
19690090243	Shear strength, creep and stress-relaxation of metal adhesive joints at elevated temperatures	1957
19690090845	Experimental investigation of noise radiated by concentric jets	1957
19690093091	Evaluation of the F-102A automatic control system	1957
19700072489	A Theory of Solar Filaments	1957
19700078164	Altitude starting tests of a small solid propellant rocket	1957
19700089202	First article test of F-2 sunglasses	1957
19700089230	Investigation of intermetallic compounds for very high temperature applications, part 1 Technical report, 13 Mar. 1956 - 12 Mar. 1957	1957
19700089294	Safe life span of parachutes in service and storage Interim report	1957
19700089810	Study of sky noise Final report	1957
19700090351	Liquid Propellants Handbook, volume 2 /U/	1957
19700092814	Assessment of vibration nuisance	1957
19700092840	The effect of an horizon-line luminance gradient upon target detectability in its vicinity Final report	1957
19700093368	Evaluation of room temperature, acid curing agents for epoxy resins	1957
19700093617	Problems of target selection in short-range missile systems	1957
19700094863	Investigation of pilot-induced longitudinal oscillation in the Douglas model A4D-2 airplane	1957
19700094864	Elimination of pilot-induced longitudinal oscillations from the Douglas model A4D-2 airplane	1957
19700095149	QK264 life test program Final engineering report, Aug. 1956 - Nov. 1957	1957
19700095673	An engineering study of a helicopter noise measurement system	1957
19710064939	High-altitude performance of J71-A-11 turbojet engine and its components using JP-4 and gaseous-hydrogen fuels	1957
19710065197	Transonic wind-tunnel investigation of static- pressure fluctuations in duct of a scale inlet model of a supersonic fighter-bomber airplane	1957
19710065201	Experimental investigation of effects of simulated nacelles and wing-root freedoms on supersonic flutter characteristics of a cambered, modified, swept, tapered wing	1957
19710066226	Experimental static aerodynamic forces and moments at high subsonic speeds on a canard missile during simulated launching from the midsemispan location of a 45 deg sweptback wing-fuselage-pylon combination at zero sideslip	1957
19710066892	Investigation of the effect of velocity diagram parameters on inlet total-pressure distortions through single stage subsonic axial flow compressors	1957
19710067062	Correlation of theory with experiment for the effect of fuel on pitching-translation flutter	1957
19710067345	Transonic flight evaluation of the effects of fuselage extension and indentation on the drag of a 60 deg delta wing interceptor airplane	1957
19710069798	Heat exchanger core weights for use with hydrogen expansion turbine	1957

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710069799	Altitude chamber evaluation of an aircraft liquid hydrogen fuel system used with a turbojet engine	1957
19710069801	High altitude performance investigation of J65-B-3 turbojet engine with both JP-4 and gaseous hydrogen fuels	1957
19710069804	Experimental evaluation of swirl can elements for hydrogen fuel combustor	1957
19710069805	Design and performance of flight type liquid hydrogen heat exchanger	1957
19710069806	Design and performance of fuel control for aircraft hydrogen fuel system	1957
19710069807	Flight investigation of a liquid hydrogen fuel system	1957
19710070018	NACA 1957 Flight Propulsion Conference	1957
19710070069	Factors Affecting Loads at Hypersonic Speeds	1957
19710070070	Span loadings due to wing twist at transonic and supersonic speeds	1957
19710070071	Flight measurements and calculations of wing loads and load distribution at subsonic, transonic, and supersonic speeds	1957
19710070072	Air load distributions on a flapped wing resulting from leading-edge and trailing-edge blowing	1957
19710070073	Calculation of external-store loads and correlation with experiment	1957
19710070074	Steady loads due to jet interference on wings, tails, and fuselages at transonic speeds	1957
19710070075	Effects on adjacent surfaces from the firing of rocket jets	1957
19710070076	Influence of automatic control of roll coupling and pitch-up on tail loads	1957
19710070077	Aerodynamic loads on tails at high angles of attack and sideslip	1957
19710070078	Loads due to controls at transonic and low supersonic speeds	1957
19710070079	Experimental results on wing loads due to blasts	1957
19710070080	Airplane motions and loads induced by flying through the flow field generated by an airplane at low supersonic speeds	1957
19710070081	Effects of airplane flexibility on wing bending strains in rough air	1957
19710070082	Loads implications of gust-alleviation systems	1957
19710070083	Recent data on tire friction during landing	1957
19710070084	A summary of ground-loads statistics	1957
19710070085	Aerodynamic heat transfer to wing surfaces and wing leading edges	1957
19710070086	Total heat transfer to blunt-nose shapes with laminar boundary layers at high supersonic speeds	1957
19710070087	Local heat transfer to blunt noses at high supersonic speeds	1957
19710070088	Heat transfer to bodies at angles of attack	1957
19710070089	Heat transfer in regions of separated and reattached flows	1957
19710070090	Flight measurements of airplane structural temperatures	1957
19710070091	Two factors influencing temperature distributions and thermal stresses in structures	1957
19710070092	Effect of transient heating on vibration frequencies of some simple wing structures	1957
19710070093	Effects of rapid heating on strength of airframe components	1957
19710070094	The combinations of thermal and load stresses for the onset of permanent buckling in plates	1957
19710070095	Some experiments with insulated structures	1957
19710070096	Some research results on sandwich structures	1957
19710070097	Recent research on the creep of airframe components	1957
19710070098	A relation between stress, strain rate, time, and temperature for metals at elevated temperatures	1957
19710070099	Reactions of materials in high-temperature air flows	1957
19710070100	Fatigue-crack propagation and residual static strength of built-up structures	1957
19710070101	Some aspects of fail-safe design of pressurized fuselages	1957
19710070102	Results from random-loading fatigue tests of a full-scale transport wing	1957
19710070103	Studies of structural failure due to acoustic loading	1957
19710070104	The use of wind tunnels to predict flight buffet loads	1957
19710070105	Effects of wing and fuselage modifications on buffeting	1957
19710070106	Theoretical and experimental investigations of delta-wing vibrations	1957
19710070107	Oscillating air forces and a presentation of some flutter calculations	1957
19710070108	Flutter at very high speeds	1957
19710070109	Flutter of wings with and without external stores at transonic and supersonic speeds	1957
19710070110	Aerodynamics of oscillating control surfaces at transonic speeds	1957
19710070111	Status of flutter of flat and curved panels	1957
19710070112	Flutter and divergence of rectangular wings of very low aspect ratio	1957
19710070113	Flutter experiments with various control configurations	1957
19710070913	Tables and graphs of normal shock parameters at hypersonic Mach numbers and key altitudes	1957
19710072464	A preliminary evaluation of a helmet-mounted tracking scope Final report	1957
19710076496	Results of the flight test of a 0.13-scale rocket-boosted model of the McDonnell F4H-1 airplane between Mach numbers of 0.20 and 1.90	1957
19710077117	Report of test 16-C of the Terrier Rocket Safety Program	1957
19710077118	Report of test 16-D of the Terrier Rocket Safety Program	1957
19710077207	Initial water quenching tests of the Talos Booster Safety Program	1957
19710077283	Report of test 2 AE1 of the Tartar rocket safety program	1957
19710077447	Applied Physics Laboratory Johns Hopkins University Tartar Rocket Safety Program tests number 13-A, 13-B, 13-C	1957

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081233	Effects of bursts of loud noise on a continuous visual task	1957
19710083881	Take off and landing measurements with split image recording on 16 mm film with an airborne camera	1957
19710084210	Development of a new method for measurement and evaluation of take off and landing performance	1957
19710084830	Tension-tension fatigue properties of 5Cr-Mo-V steel bar - Halcomb 218 and Thermold A Technical report, 15 Nov. 1956 - 1 Mar. 1957	1957
19710086158	Applications of admittance concepts in dynamic testing	1957
19720065105	NACA 1957 Flight Propulsion Conference	1957
19720069697	Systematic errors in the scanning of traveling wave antenna arrays	1957
19720074760	Investigation of the contamination of aircraft fuels by zinc coatings on steel and its effects on mechanical properties of jet engine alloys	1957
19730064631	Preliminary evaluation of the wing leading edge as a missile-mounting location	1957
19730067660	The local instability of ring frames	1957
19730069596	A wide-aperture HF direction-finder (U)	1957
19730073919	Summary of published jet noise data, revision 1	1957
19730077182	The mechanics of fracture propagation and solutions to fracture arrestor problems	1957
19730077410	Model determination of explosion damage to concrete runways (feasibility study)	1957
19740077075	Evaluation of hydrazine as a regenerative coolant	1957
19740080065	X-17 Re-Entry Test Vehicle. R-2 Final Flight Report	1957
19750064555	NACA research into space	1957
19750069145	Mass-transfer cooling experiments in NASA high temperature jets	1957
19750071456	Some results of flight tests with supersonic propellers	1957
19750073305	Tory 1 reactor	1957
19760067284	Some preliminary experiments on high-speed impact and their application to an anti-ICBM weapons system	1957
19760075004	Study of a fuel with a uranium carbide base intended for a space nuclear reactor	1957
19760080006	Engine oil development	1957
19780078533	Effects of extreme surface cooling on boundary-layer transition	1957
19780078544	A thermal system for continuous monitoring of laminar and turbulent boundary-layer flows during routine flight	1957
19800073351	Index of NACA technical publications, Jun. 1956 - Jun. 1957	1957
19800073359	Characteristics of Six Research Wind Tunnels of the Ames Aeronautical Laboratory	1957
19800078642	Exposure of Marshall Islanders and American military personnel to fallout	1957
19850078134	Development of a 400-CPS servo recorder	1957
19880068892	Handbook of structural stability. Part 2: Buckling of composite elements	1957
19880069026	Exact solution of the nonlinear problem of an explosion in a gas with variable initial density	1957
19880069027	On the flow of a conducting fluid around a magnetized body	1957
19880069064	Invariance conditions for linear automatic control systems with perturbations assigned statistically	1957
19880071462	On the rolling motion of missiles	1957
19890067976	The effects of vortex and shock-expansion fields on pitch and yaw instabilities of supersonic airplanes	1957
19900066808	Ephemeris of satellite 1957 alpha 2	1957
19930074965	Twenty-First Wright Brothers lecture: Hypersonic flight and the re-entry problem	1957
19930089441	Flight investigation of a ram jet burning magnesium slurry fuel and having a conical shock inlet designed for a Mach number of 4.1	1957
19930089471	Effect of Burner Design Variables on Performance of 16-inch-diameter Ram-jet Combustor Using Gaseous-hydrogen Fuel	1957
19930089484	Preliminary evaluation of the wing leading edge as a missile-mounting location	1957
19930089491	Experimental static aerodynamic forces and moments at high subsonic speeds on a canard missile during simulated launching from the midsemispan location of a 45 degree wing-fuselage-pylon combination at zero sideslip	1957
19930089557	Investigation of Ejection Release Characteristics of Bluff TX-28 and Turnabout TX-28 Stores from a 1/17-Scale Simulated Bomb Bay of the Republic F-105 Airplane at Mach Numbers of 1.39 and 1.98	1957
19930089558	Physical and chemical properties of HEF-2 (NACA FUEL 56Z4)	1957
19930089559	Flight performance of the Terrapin high-altitude sounding vehicle	1957
19930089649	High-altitude Performance of J71-A-11 Turbojet Engine and Its Components Using JP-4 and Gaseous-hydrogen Fuels	1957
19930089650	Drag of Conical and Circular-arc Boattail Afterbodies at Mach Numbers from 0.6 to 1.3	1957
19930089652	Wind-tunnel Investigation of the Effect of Spin on the Aerodynamic Characteristics of a 60-millimeter T-24 Mortar Shell with Several Tail-fin Configurations	1957
19930089659	A Low-speed Investigation of the Magnus Effects on a Sting-mounted Model of a Typical Mortar Shell	1957
19930089664	Transonic Wind-tunnel Investigation of Static-pressure Fluctuations in Duct of a Scale Inlet Model of a Supersonic Fighter-bomber Airplane	1957
19930089667	Experimental Evaluation of 'swirl-can' Elements for Hydrogen-fuel Combustor	1957
19930089668	Preliminary investigation of dynamic lateral stability characteristics of a configuration of the North American X-15 research airplane	1957
19930089675	Brief studies of turbojet combustor and fuel-system operation with hydrogen fuel at -400 F	1957
19930089677	Combustor Performance of a 16-inch Ram Jet Using Gaseous Hydrogen as Fuel at Mach Number 3.0	1957

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930089700	Investigation of an Afterburning Ramjet Using Gaseous Hydrogen as Fuel at Mach Number of 3.0	1957
19930089702	Analytical investigation of fuel-cooled turbine blades with return-flow type of finned coolant passages	1957
19930089719	Altitude-chamber evaluation of an aircraft liquid-hydrogen fuel system used with a turbojet engine	1957
19930089725	Investigation of Ejection Releases of an MB-1 Rocket from a 0.04956-scaled Model of the Convair F-106A Airplane at Mach Number 1.59 : COORD. No. AF-AM-57	1957
19930089742	High-altitude Performance Investigation of J65-B-3 Turbojet Engine with Both JP-4 and Gaseous Hydrogen Fuels	1957
19930089748	Aerodynamic and Hydrodynamic Characteristics of a Proposed Supersonic Multijet Water-based Hydro-ski Aircraft with a Variable-incidence Wing	1957
19930089749	Airplane motions and loads induced by flying through the flow field generated by an airplane at low supersonic speeds	1957
19930089757	Design and Performance of Flight-type Liquid-hydrogen Heat Exchanger	1957
19930089778	Free-Spinning-Tunnel Investigation of a 1/25-Scale Model of the Mcdonnell F3H-2N Airplane	1957
19930089781	Theoretical Determination of Low-drag Supercavitating Hydrofoils and Their Two-dimensional Characteristics at Zero Cavitation Number	1957
19930089795	Comparative study of turbofan and turbojet engines	1957
19930089805	Analyses for turbojet thrust augmentation with fuel-rich afterburning of hydrogen, diborane, and hydrazine	1957
19930089809	Transonic Wind-Tunnel Investigation of Static Longitudinal Stability and Control Characteristics and Drag of a 0.05-Scale Model of the Chance Vought XF8U-3 Airplane : TED No. NACA AD 3133	1957
19930089825	Experimental Investigation of Effects of Simulated Nacelles and Wing-root Freedoms on Supersonic Flutter Characteristics of a Cambered, Modified, Swept, Tapered Wing	1957
19930089837	Investigations of a 1/22-scale model of the Republic F-105 airplane in the Langley 8-foot transonic tunnel : lateral, directional, and additional longitudinal static stability and control	1957
19930089854	Design and Performance of Fuel Control for Aircraft Hydrogen Fuel System	1957
19930089860	Flight investigation of a liquid-hydrogen fuel system	1957
19930089862	Heat-exchanger-core Weights for Use with Hydrogen-expansion Turbine	1957
19930089866	Flutter experiments with various control configurations	1957
19930089874	Evaluation of Hydrogen Fuel in a Full-scale Afterburner	1957
19930089892	Local heat transfer to blunt noses at high supersonic speeds	1957
19930089904	A transonic investigation of the effects of semisubmerged-store cavities and of slots on the zero-lift drag of a body of revolution	1957
19930089948	Supplementary investigation in the Langley 20-foot free-spinning tunnel of a 1/20-scale model of the Douglas F4D-1 airplane with external wing fuel tanks : TED No. NACA AD 3116	1957
19930089951	Aerodynamic Characteristics of a Model of an Escape Capsule for a Supersonic Bomber-type Airplane at a Mach Number of 2.49	1957
19930089956	Experimental Investigation of Several Afterburner Configurations on a J79 Turbojet Engine	1957
19930089957	Heat-transfer and Pressure Measurements from a Flight Test of a 1/18-scale Model of the Titan Intercontinental Ballistic Missile up to a Mach Number of 3.95 and Reynolds Number Per Foot of 23 x 10(exp 6) : COORD. No. AF-AM-70	1957
19930089978	Results of the Flight Test of a 0.13-scale Rocket-boosted Model of the Mcdonnell F4H-1 Airplane Between Mach Numbers of 0.20 and 1.90 : TED No. NACA AD 3115	1957
19930089984	Investigation of the Low-speed Flight Characteristics of a 1/15-scale Model of the Convair XB-58 Airplane : COORD. No. AF-AM-15	1957
19930090000	Investigation of Ejection Releases of an MB-1 Rocket from a 0.04956-scaled Model of the Convair F-106A Airplane at Several Mach Numbers and Simulated Attitudes : COORD. No. AF-AM-57	1957
19930090008	Effects of Components and Various Modifications on the Drag and the Static Stability and Control Characteristics of a 42 Degree Swept-Wing Fighter-Airplane Model at Mach Numbers of 1.60 to 2.50	1957
19930090088	Wind-tunnel tests of a series of practice bombs : COORD. No. AF-247	1957
19930090097	Wind-tunnel investigation of mutual interference loads on a supersonic bomber configuration and store during separation at Mach numbers of 1.57, 1.77, and 2.01 : COORD. No. AF-AM-91	1957
19930090102	Free-spinning and recovery characteristics of a 1/25-scale model of the Douglas F5D-1 airplane : TED No. NACA AD 3116	1957
19930090121	Relation of currently estimated ANP performance to required ANP performance	1957
19930090130	Transonic Flight Evaluation of the Effects of Fuselage Extension and Indentation on the Drag of a 60 Degree Delta-wing Interceptor Airplane	1957
19930090137	Drag and pitching-moment characteristics of the General Electric configuration 3.1 at a Mach number of 15 : COORD No. AF-AM-115	1957
19930090577	Wind-tunnel Flutter Tests at Mach Numbers up to 3.0 of Boeing Wing Models for Weapons System 110A : COORD. No. AF-AM-108	1957
19930090932	Aerodynamic Theory and Its Application to Flutter	1957
19930092409	Deleted record	1957
19930092410	Introductory concepts	1957
19930092411	Inlets, exits, and cooling problems I : inlets	1957
19930092412	Inlets, exits, and cooling problems II : exits	1957
19930092413	Inlets, exits, and cooling problems III : preliminary analysis of hypersonic ramjet cooling problems	1957

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930092414	Engines	1957
19930092415	Configurations considerations	1957
19930092416	Mission studies	1957
19930092417	Propellants	1957
19930092418	Turbopumps for high-energy propellants	1957
19930092419	Performance and missions	1957
19930092420	Nuclear Logistic Carrier	1957
19930092421	Nuclear rockets	1957
19930093727	Two-dimensional Airfoil Characteristics of Four NACA 6a-series Airfoils at Transonic Mach Numbers up to 1.25	1957
19980103335	Proton-go-round - Whence does the proton get its spin?	1957
19980231031	Non-Linear Theory of Thin Elastic Shells	1957
20050028461	Investigation of Static Stability and Drag Characteristics of a 1/10-Scale Model of the Avco Booster Vehicle at Mach Numbers of 1.60 and 2.00, Coord. No. AF-AM-58	1957
20070009792	Wind-Tunnel Testing at the Jet Propulsion Laboratory	1957
20090023597	Wind-Tunnel Investigation of the Republic F-105 Inlet with Various Modifications at Mach Numbers 1.41, 1.81, and 2.01	1957
20130014724	Inlet Engine Matching and Control Systems for Supersonic Airplanes	1957
20130014726	Tension, Compression and Fatigue Tests on Several Tool Steels to Determine their Suitability as Roller Contact Bearing Materials	1957
20130014798	The Work at Gottingen on Controlled Thermonuclear Fusion	1957
20130014827	Evaluation of Fatigue Sensitive Areas and Cumulative Damage in Full-Scale Fatigue Testing	1957
20130014921	Stress Activated Luminescence in X-Irradiated Alkali Halide Crystals	1957
20140000123	Increased Usable Lift through Boundary-Layer Control	1957
20140000163	Concerning a Study of the more Complex Tool Steels as Rolling Contact Bearing Materials	1957
20140000173	Tension, Compression and Fatigue Test of Several Alloys to Determine their Suitability as Bearing Materials	1957
20140000175	Tension, Compression and Fatigue Tests of Several Alloys to Determine their Suitability as Bearing Materials February	1957
20140000179	Thrust Measurement for Jet Transport Operation	1957
20140000180	The Aerodynamics of the Vertical Tail	1957
20140000214	The Jet-Augmented Flap	1957
20140000217	Analysis of Transonic Flow about Lenticular Airfoils at Zero Angle of Attack	1957
20140003077	Nuclear Reactor Control Rod Assembly With Improved Driving Mechanism	1957
20150013789	Preliminary Results of Force and Pressure Tests of Shape 52-Round Corner and 52-3L Conducted in the JPL 20 Inch Supersonic Wind Tunnel JPL Test 20-263 (1st Portion)	1957
20150013919	Volume XI - The Gas Turbine Power Plant Section H - Combustion Chamber Development	1957
20150013921	A Note on Empirical Equations for the Determination of the Thrust Generated by an Ideal Supersonic Nozzle	1957
20150013922	Radio Emissions from the Sun	1957
20150013925	Some Experiments Related to the Noise from Boundary Layers	1957
20150013937	Techniques for Analysis of Spin Model Research	1957
20150014007	The Effect of Jet Structure on Noise Generation of Supersonic Nozzles	1957
20150014012	Application of Laboratory Test Data to Design of Aircraft Gas Turbine Blade Fastening Models	1957
20150014018	On Friction and Lubrication at Temperatures to 1000 Degrees F with Particular Reference to Graphite	1957
20150014024	Ideal Performance of Valved-Combustors and Applicability to Several Engine Types	1957
20150014039	Comments on The Rotational Field Behind a Curved Shock Wave Calculated by the Method of Flux Analysis	1957
20150014042	Oxidation of Columbium-Chromium Alloys at Elevated Temperatures	1957
20150014043	Effects of Pressure on Turbulent Burning Velocity	1957
20150014047	Aerodynamic Aspects of Flutter	1957
20150014048	Selected Instrumentation Systems for Flight Research Test Programs	1957
20150014110	NACA 1957 Flight Propulsion Conference: Part I	1957
20150014298	Calculation of the Energies of Triatomic Hydrogen using a Modified Roothaan Procedure	1957
20150014299	Effect of Turbojet Compressor Coolants on Afterburner Combustion	1957
20150014304	Considerations Related to the Quenching of Flames with Simple Kinetics	1957
20150014358	The Equations for the Equilibrium Blade Thrust Loading of a Lifting Rotor having Arbitrary Blade Geometry and Induced Velocity Distribution, Including a First Order Correction for Local Blade Element Mach Number	1957
20150014359	Influence of Notch Preparation and Eccentricity of Loading on the Notch Rupture Life	1957
20150014380	A New Method for Computing Drag Coefficients from Ballistic Range Data	1957
20150014381	Magnetohydrodynamic Analysis of Heat Transfer Near a Stagnation Point	1957
20150014602	Thermodynamic Functions on the Generalized Thomas-Fermi and Thomas-Fermi-Dirac Theories	1957
20150014643	Wear of Sliding Seal Materials on Chromium-Plated Steel at Speeds to 60,000 fpm	1957
20150014645	A Survey of Heat-Transfer Problems Encountered by Hypersonic Aircraft	1957
20150014666	Minimum Weight Analysis and Comparative Efficiencies of Orthotropic Plates under Compressive Loading	1957

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150015011	The Flow Pattern Around a Rotating Disk in an Airstream	1957
20150015012	Temperature Measurements on Water-Stabilized High-Power Arcs	1957
20150015013	On the Generation of Very High Temperatures in High-Power Sparks	1957
20150015015	On the Stagnation of Natural-Convection Flows in Closed-End Tubes	1957
20150015016	The Warping of Triangular Wings for Minimum Drag at Supersonic Speeds	1957
20150015527	Free Flight Program, Supporting the WS-107A Project, for Obtaining Afterbody Temperatures and Pressures on a Separable Nose Cone, to be Performed at the Wallops Island, Virginia Research Station of PARC-NACA	1957
20150015716	The Reduction of the Dirichlet and Neumann Problems for the Three Dimensional Laplace Difference Equation to Finite-Difference Analogues of the Integral Equations of Potential Theory	1957
20150015717	Summary Report on Construction of a Pilot Model of Equipment for the High Temperature Testing of Material	1957
20150015719	A General Purpose IBM 653 Routine for the Solution of Simultaneous Ordinary Differential Equations	1957
20150015723	Plastic Strain and Fracture of Single-Crystals and Polycrystals of Metal Under Static and Cyclic Torsion	1957
20150015764	Human Factors in the Design of Systems	1957
20150015789	NACA Conference on Aircraft Loads, Structures, and Flutter - A Compilation of the Papers Presented	1957
20150015867	Comparison of the Resistance to Shock of Lubricating Films	1957
20150016146	The Effects of Variations in Nitrogen and Manganese Content on the Structure and High-Temperature Properties of Cast X-40 Alloy	1957
20150016656	The Application of Discrete Potential Theory to Two Dimensional Incompressible Flow	1957
20150016657	The Development of a Rational Vapor-Pressure Formula	1957
20150016664	A New Microbalance of Quartz for Work Under Highest Vacuum	1957
20150016700	Recent Advances in the Aerodynamic Design of Axial Turbomachinery	1957
20150016701	Considerations of Some Jet-Deflection Principles for Directional Control and for Lift	1957
20150016702	Experimental Investigation of the Mixing of Two Homogeneous Streams in Channels of Given Geometry	1957
20150016703	Small Powerplants for Use in Space	1957
20150016707	Combined Free and Forced Convection in a Constant-Temperature Vertical Tube	1957
20150016711	Model-Testing Methods in Aeronautics	1957
20150016719	A Survey of Information Pertaining to Gusts and Gust-Load Statistics	1957
20150016721	On the Interference of Wing, Fuselage, and Tail Surfaces in Oblique Flow	1957
20150016722	Flutter of Rectangular Simply Supported Panels at High Supersonic Speeds	1957
20150016723	Performance and Operational Studies of Two Full-Scale Jet-Engine Thrust-Reverser Systems	1957
20150016731	Angular Averages in the Scattering of Slow Neutrons by Gases	1957
20150016732	X-Ray Induced Crack Formation in Sodium Chloride	1957
20150016945	An Experimental Study of the Response of Simple Panels to Intense Acoustic Loading	1957
20150017434	Certain Regularities in the Plastic Deformation and Fracture of Metals in Tension	1957
20150017648	A Method for Evaluating Jet-Propulsion-System Components in Terms of Missile Performance	1957
20150017649	Boron Compounds as Jet Fuels	1957
20150017653	Note on the Aerodynamic Heating of an Oscillating Insulated Surface	1957
20150017654	Lessons of Fifty Years of Flow Research	1957
20150017665	Flow Ahead of a Supersonic Rotor	1957
20150017667	The Expansion of an Arbitrary Function According to the Eigen Functions of the Turbulence Problem	1957
20150017671	A Small Barium Titanate Transducer for Aerodynamic or Acoustic Pressure Measurements	1957
20150017672	Heat Transfer in Laminar Swirling Pipe Flow	1957
20150017673	Atmospheric Turbulence Environment with Special Reference to Continuous Turbulence	1957
20150017686	The Green's Function for the Two-Dimensional Laplace Partial Difference Equation	1957
20150018173	Vibrations Induced by Acoustic Waves	1957
20150018529	Vibrations of a Helicopter Rotor-Fuselage System Induced by the Main Rotor Blades in Flight: A Three-Dimensional Model Including Damping	1957
20150018964	Influence of Long Noses, Strakes, and Canards in Spins	1957
20150019331	Some Thermal and Mechanical Properties of Inconel to High Temperatures for Use in Aerodynamic Heating Research	1957
20150019409	Application of the Distribution Theory to the Problem of the Supersonic Airfoil	1957
20150019410	The Measurement of Pressure Altitude on Aircraft	1957
20150019959	Low-Temperature, Vapor-Phase Oxidation of Fuel-Rich Hydrocarbon Mixtures - Effects of Additives	1957
20150019978	Estimation Problems Connected With Stochastic Processes	1957
20150019979	Estimation Problems Connected with Stochastic Problems	1957
20150019980	Forced Oscillations of a Simple Nonlinear System	1957
20150019981	Friction, Wear, and Surface Damage of Metals as Affected by Solid Surface Films- a Review of NACA Research	1957
20150019989	The Use of Cermets as Gas Turbine Blading	1957
20150021917	Preferred Symbols for Use in Propulsion Aerodynamics Research	1957
20160000278	Techniques involved in Obtaining Measurements of Various Parameters in the Spin	1957
20160000279	Correlation of Airplane and Model Spin and Recovery Characteristics for Recent Designs	1957
20160000280	Effectiveness of Controls During Spins and Recoveries	1957

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160000500	Application of Goertler's Series Method to the Boundary-Layer Energy Equation	1957
20160000501	Engine Nacelle - Wing Interference at High Speeds (The Area Rule)	1957
20160000502	Normal Conduction Effects on Heat-Transfer Data During Transient Heating of Thin-Skin Models	1957
20160000503	A Note on the Sonic-Wedge Leading-Edge Approximation in Hypersonic Flow	1957
20160000504	The Properties of Metals Under Rapid Heating Conditions	1957
20160000903	A Low-Speed Investigation of the Magnus Effects on a Sting-Mounted Model of a Mortar Shell	1957
19620009070	THE SPECTRAL EMITTANCE OF THE EXHAUST JETS FROM ROCKET ENGINES USING LOX AND RPI AS PROPELLANTS	1958
19630002623	Aerodynamic Characteristics for Combined Angles of Attack and Sideslip of a Low-Aspect-Ratio Cruciform-Wing Missile Configuration Employing Various Canard and Trailing-Edge Flap Controls at a Mach Number of 2.01	1958
19630003033	EXPLORATORY INVESTIGATION OF PERFORMANCE OF EXPERIMENTAL FUEL-RICH HYDROGEN COMBUSTION SYSTEM	1958
19630003985	PERFORMANCE AT MACH NUMBERS 3.07, 1.89, AND 0 OF INLETS DESIGNED FOR INLET-ENGINE MATCHING UP TO MACH 3	1958
19630008169	DYNAMIC LATERAL BEHAVIOR OF HIGH-PERFORMANCE AIRCRAFT	1958
19630010647	AN INVESTIGATION OF THE PERFORMANCE OF A SEMIELLIPTICAL SCOOP INLET AT MACH NUMBERS OF 1.60, 1.76, AND 2.02	1958
19630031956	ICE PROTECTION OF ROTOR BLADES	1958
19630041153	Skin Temperatures of Explorer I	1958
19630041412	Atmospheric Density Variations	1958
19630042083	THE IMPACT OF SPACE TECHNOLOGY ON RESEARCH AND DEVELOPMENT - STRUCTURES AND MATERIALS	1958
19630042125	THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION'S ROLE AS IT AFFECTS INSTRUMENTATION DEVELOPMENT	1958
19630043575	THE ANALYSIS OF IRON AND STEEL WITH THE MEDIUM DIRECT-READER	1958
19630043593	SPACE AGE TECHNOLOGY - INVESTIGATION OF TEST FACILITIES MATERIALS ENGINEERING	1958
19630043615	TEST METHODS FOR DETERMINING THE SINGLE SHEAR STRENGTH OF BLIND FASTENERS	1958
19630043623	DATA ON IONOSPHERIC ELECTRON DENSITIES - I. TABLES AND ISOIONIC MAPS FOR SELECTED TIMES IN OCTOBER 1957	1958
19630043631	RELIABILITY ESTIMATING BY THE USE OF RANDOM SAMPLING SIMULATION	1958
19630043638	LOW-THRUST TRANSFER BETWEEN CIRCULAR ORBITS	1958
19630043642	MANAGEMENT INFORMATION FOR THE MAINTENANCE AND OPERATION OF THE STRATEGIC MISSILE FORCE	1958
19630043657	RESEARCH PROGRAMME TO DETERMINE "FAIL SAFE" CHARACTERISTICS OF PRESSURE FUSELAGES PART 2A - CRACK PROPAGATION IN PRESSURIZED LIGHT ALLOY CYLINDERS OF TYPICAL AIRCRAFT CONSTRUCTION /A/ 44 INCH DIAMETER CYLINDERS	1958
19630043664	SATELLITE RE-ENTRY DIVE STUDIES FOR FLIGHTS WITH CONSTANT BODY GEOMETRY AND VARIED RE-ENTRY PARAMETERS	1958
19630043685	INPUT AND OUTPUT SPECIFICATIONS FOR THE VAN DYKE BLUNT BODY PROGRAM INTRADEPARTMENTAL COMMUNICATION	1958
19630043694	MODEL SPECIFICATION, ROCKET PROPULSION SYSTEM, LIQUID PROPELLANT AGC MODEL NO. AJ10-42	1958
19630043721	FOURTH SUMMARY REPORT OF BOULDER LABORATORIES FOR YEAR ENDING JUNE 30, 1958	1958
19630043874	SELECTED CRYOGENIC PUMPS	1958
19630043893	SEMIANNUAL PROGRESS REPORT OF THE OFFICE OF BASIC INSTRUMENTATION FOR THE PERIOD ENDING JUNE 30, 1958	1958
19630044223	EXPERIMENTS WITH SCREENS AND GRIDS FOR SUPPRESSING JET ENGINE NOISE INTERNAL REPORT	1958
19630044278	THE UPPER ATMOSPHERE STUDIED BY ROCKETS AND SATELLITES	1958
19630044339	RADAR DIV. THE REFRACTION CORRECTION DEVELOPED FOR THE AN/FPS-16 RADAR AT WHITE SANDS MISSILE RANGE	1958
19630044404	IMPROVEMENTS IN HIGH VACUUM GAUGES	1958
19630044436	[No Title]	1958
19630044452	SURVEY AND COMPILATION OF CAPSULE ESCAPE SYSTEMS DATA	1958
19630044615	AERODYNAMIC HEATING EVALUATION JUPITER A MISSILE RS-12	1958
19630044790	SURVEY AND COMPILATION OF CAPSULE ESCAPE SYSTEMS DATA /U/ FINAL REPORT, VOLUME II /PARTS 1-10/	1958
19630044800	RE-ENTRY STUDIES, VOLUME 1	1958
19630044801	THE DENSITY OF THE AIR AROUND A WEDGE AND A CONE IN AN AIR FLOW OF SUPERSONIC VELOCITY /U/ APPENDIX 1	1958
19630044802	THE CALCULATION OF THE SKIN TEMPERATURE OF ROCKETS /U/ APPENDIX 2	1958
19630044803	SKIN TEMPERATURE OF MISSILES ENTERING THE ATMOSPHERE AT HYPERSONIC SPEED /U/ APPENDIX 3	1958
19630044804	[No Title]	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044806	EFFECT OF CHOICE OF TEMPERATURE FOR DETERMINING AIR PROPERTY VALUES ON THE TURBULENT HEAT TRANSFER ON A SPHERE /U/ APPENDIX 6	1958
19630044808	[No Title]	1958
19630044809	[No Title]	1958
19630044810	[No Title]	1958
19630044811	[No Title]	1958
19630044813	EFFECT OF ANGLE OF ATTACK AND MODERATE SPIN ON THE MEAN HEAT FLUX DISTRIBUTION ABOUT A SPHERE - LAMINAR AND TURBULENT BOUNDARY LAYERS, HIGH SUPERSONIC MACH NUMBERS /U/ APPENDIX 13	1958
19630044814	THE CORRELATION OF SUPERSONIC FLOWS ON BLUNT-NOSED BODIES IN GASES OF DIFFERENT SPECIFIC HEAT RATIOS /U/ APPENDIX 14	1958
19630044815	[No Title]	1958
19630044816	[No Title]	1958
19630044862	DEVELOPMENT AND FUNDING PLAN FOR AOMC SUPPORT OF NASA MANNED SATELLITE PROJECT	1958
19630045128	THE EFFECT OF ULTRASONIC AGITATION ON SURFACE DECONTAMINATION RATES	1958
19630045217	NOTE ON AN APPARATUS FOR THE STUDY OF THE IMPACT BETWEEN A LIQUID DROP AND A SURFACE MOVING AT SUPERSONIC SPEED	1958
19630045312	RADAR REFLECTION CHARACTERISTICS, VOLUME V /U/ BIBLIOGRAPHY	1958
19630045313	[No Title]	1958
19630045352	TITLE OF REPORT IS SECRET OR UNDESIGNATED OMIT FROM CITATION 15 DEC. 1958 110P /REPT. 58SD2172/ SECRET REPORT	1958
19630045356	ABMA Presentation To The National Aeronautics And Space Administration	1958
19630045450	RAPID-OPENING MECHANICAL GATE VALVE	1958
19630045452	[No Title]	1958
19630045535	R.S.V.P. /RECOVERABLE SPACE VEHICLE, PILOTED/ MAN IN SPACE. VOLUME III- TECHNICAL SUBSTANTIATION	1958
19640008510	An infinite class of periodic solutions of $x'' + 2x^2 = p/t$	1958
19640044199	Electronics and guided weapons division	1958
19640046067	International symposium on batteries. proceedings, 21st to 23rd october, 1958	1958
19640047833	The photochemical behavior of oxygen- containing complexes in alkali halide crystals	1958
19640052956	Partial bibliography on artificial satellites and space studies	1958
19640052961	Optimum panel arrangement of flight instruments for army fixed-wing aircraft	1958
19640053483	Lunar Dust Focusing Effects and a Possible Technique for Recovering Samples from the Surface of the Moon	1958
19640054456	The analysis of red fuming nitric acid. ii- determination of water by the karl fischer titration	1958
19640057341	Rocket-Motor-Impulse Measurement by Means of an Inertia Wheel	1958
19640057493	Departure trajectories for interplanetary vehicles	1958
19640058127	Aerodynamic study of missile-aircraft compatibility. induced flow field around a subsonic wing-body. part i- analysis report 4	1958
19640058129	Skin friction in the compressible laminar boundary layer with heat transfer and pressure gradient	1958
19640058171	Feasibility investigation of a storable- propellant rocket engine <fourth< quarterly report, 1 feb.-30 apr. 1958	1958
19640058209	Project ruby summary technical report, 1 jul. 1956-31 mar. 1958	1958
19640058261	Proposal - a national integrated missile and space vehicle development program second edition summary	1958
19640058287	Weight and Performance Information on XSM-65D-10C and XSM-65E-OPR	1958
19640058332	Third Symposium on High-Speed Aerodynamics and Structures, Volume 5	1958
19640058335	Search and recovery considerations for manned satellite capsule	1958
19640058354	Development of large solid-propellant rocket motors third monthly progress report, 1-31 oct. 1958	1958
19640058416	Major structural substantiation tests xsm-65d	1958
19640058427	Model specification for sm-75 thor ballistic missile, douglas model dm-18a	1958
19640058470	Stability and Control- X-14 Vtol Research Airplane	1958
19640058472	Boron solid propellant investigation and evaluation final report	1958
19640058528	Space research summary no. 2 for the period 15 july 1958 - 15 september 1958	1958
19640058539	Direct observations of the solar wind by the mariner ii spacecraft	1958
19640058628	Sf-1 ramjet research program final summary report, 19 mar. 1957 - 15 jul. 1958	1958
19640058630	Atmospheric physics	1958
19640058631	Materials and structures	1958
19640058730	The automatic position survey equipment third interim technical report /final, phase 1/	1958
19640058760	Air breathing booster second bimonthly progress report, 15 aug. - 1 oct. 1958	1958
19640058854	Anisotropic oxygen polarizability in carbonate minerals	1958
19640058898	Mechanical operating experience with three j57-p-11 turbojet engines during a pre- compressor spray cooling test in an altitude test chamber	1958
19640058974	Determination of the envelopes and the lines of constant mach number for an axially symmetric free jet	1958
19640058983	The temperature-dependence of the refractive index of tetragonal bati03 by a modified chaulnes method	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640058998	Flexure and torsion of composite cylinders <1 june 1956 - 30 september 1957<	1958
19640059017	Lockheed-hughes space ferry vehicle design study progress report, 15 sep. - 31 dec. 1958	1958
19640059019	Primate in space progress report no. 2	1958
19640059020	Primate in space progress report	1958
19640059032	The upper atmosphere	1958
19640059039	Experimental investigation pertinent to an ionic propulsion concept	1958
19640059043	The supersonic blunt-body problem - review and extension	1958
19640059056	Physiological measurements and instrumentation of man or animal for evaluation of physiologic state during flight in aircraft, missile or satellite progress report no. 3	1958
19640059057	Instrumentation of man or animal for evaluation of physiologic state during flight in aircraft, missile or satellite progress report <no. 1<	1958
19640059058	Instrumentation of man or animal for evaluation of physiologic state during flight in aircraft, missile or satellite progress report no. 2	1958
19640059190	On the mid-course navigation for manned interplanetary space-flight	1958
19640059305	Project hef monthly progress report no. 58-11, nov. 1958	1958
19640059306	Project hef monthly progress report no. 58-12, dec. 1958	1958
19640059317	Inlet research, aerodynamics and propulsion progress report for april, may, and june, 1958, seattle division flight technology section	1958
19640059374	Aerojet model aj23-37 rocket engine for use on x-15 aircraft. volume 2- summary of aerojet- general experience and capabilities in liquid- rocket engines	1958
19640059378	[No Title]	1958
19640059410	Thermal decomposition of gaseous borane mixtures at 21 deg. c	1958
19640059417	Metals properties applicable to the dynasoar	1958
19640059448	Ds-i insulation	1958
19640059451	Ds-i leading edges	1958
19640059528	Performance characteristics of a modified low- base-drag, ejector-type exhaust nozzle in- stalled on a yj79-ge-5 turbojet engine	1958
19640059621	Test results of free-jet altitude investiga- tion of the marquardt xrj43-ma-7 model ma20xs- 1 ground test ramjet engine and shock positioner units for fuel control system - phase ii	1958
19640059623	High performance solid rocket propellants summary report, 12 jun. 1956 - 1 mar. 1958	1958
19640059624	Project hef monthly progress report 58-5	1958
19640059639	Evaluation of reignition capabilities of glow plugs and continuous spark ignition of the yj79-ge-3a turbojet engine	1958
19640059642	Study of metal additives for solid propellants third quarterly report	1958
19640059671	Ds-i flight test and data requirements	1958
19640059699	Project autoflite quarterly progress report no. 1, period ending 1 oct. 1958	1958
19640059730	Ds-1 capabilities, temperatures and growth	1958
19640059733	Ds-i landing gear	1958
19640059734	Ds-i - external loads	1958
19640059780	Dyna soar program planning report no. 2	1958
19640059817	Research on potential high energy monopropel- lants quarterly report no. 1, 15 mar. - 15 jun. 1958	1958
19640060160	Development of graphite and graphite base multicomponent materials for high temperature service progress report, 1 feb. - 31 mar. 1958	1958
19640060161	Development of graphite and graphite base multicomponent materials for high temperature service progress report, 1 apr. 1958 - 31 may 1958	1958
19640060162	Development of graphite and graphite base multicomponent materials for high temperature service progress report, 1 jun. 1958 - 31 jul. 1958	1958
19640060163	Development of graphite and graphite base multicomponent materials for high temperature service progress report, 1 aug. 1958 - 30 sep. 1958	1958
19640060165	The effects of nuclear radiation on electronic components, phase 2 scientific report no. 1	1958
19640060166	The effects of nuclear radiation on electronic components, phase 2 scientific report no. 2	1958
19640060184	Proposed boeing ds-1 phase 1 wind tunnel test program	1958
19640060255	Test of an isentropic spike inlet at hypersonic mach numbers	1958
19640060315	Static pressure measurements in a hyperveloc- ity shock tunnel	1958
19640060340	A precision frequency standard for x-band	1958
19640060370	The e-1 rocket engine program quarterly progress report, period ending 31 aug. 1958	1958
19650002041	Radiation observations with satellite 1958 epsilon	1958
19650069728	Sensibility of radiation detection	1958
19650069780	Turbulent flow in a circular tube with arbitrary internal heat sources and wall heat transfer	1958
19650070663	Air logs for the measurement of subsonic and supersonic speeds <luftlogs fur die messung von unter-und uberschallgeschwindigkeiten<	1958
19650070876	Similar boundary layer solutions for combined forced and free convection	1958
19650070885	Study of the mixture-ratio distribution in the drops of spray produced by impinging liquid streams	1958
19650070886	Unsteady free convection heat transfer	1958
19650071646	Calculation of the frictionless incompressible flow for a given two-dimensional cascade /direct problem/	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650072232	The optical temperature scale and the radiation constants <die optische temperatur- skala und die strahlungskonstanten<	1958
19650073469	Summary of Flight Data Obtained from 0.12-scale Rocket-powered Models of the Chance Vought Regulus II Missile	1958
19650073784	A method for the prediction of the onset of buffeting and other separation effects from wind-tunnel tests on rigid models	1958
19650075758	Nasa conference on some problems related to aircraft operation	1958
19650076732	Satellite tracking	1958
19650077789	Design criteria and objectives for dyna soar pressurized tanks, model ds-1	1958
19650077792	Space vehicle attitude control system trade studies	1958
19650077844	Analytical investigation of rocket reaction control system performance	1958
19650077872	An evaluation of liquid ozone-oxygen mixtures as rocket oxidizers, volume i	1958
19650077882	[No Title]	1958
19650077908	On the vertical water entry of a slender cone	1958
19650077913	Electronic scanning symposium	1958
19650077917	Aerodynamic Performance - Dyna Soar Proposal	1958
19650077967	Radio set an/arn-21b. handbook service instructions	1958
19650078169	Determination of the mechanical properties of aircraft-structural materials at very high temperatures after rapid heating progress report	1958
19650078170	Determination of the mechanical properties of aircraft-structural materials at very high temperatures after rapid heating progress report	1958
19650078177	The determination of helicopter longitudinal stability derivatives from flight test data. part 1- development of flight test instrumentation, techniques and analysis methods	1958
19650078257	[No Title]	1958
19650078303	External burning ramjet i- preliminary analyses of two two-dimensional models with plane flame behind normal shock, and approxi- mate weight-range and size comparisons with ramjets and rockets	1958
19650078380	[No Title]	1958
19650078383	Monopropellant review combined quarterly reports nos. 10 and 11, 15 may - 14 aug. 1957, 15 aug. - 14 nov. 1957	1958
19650078386	The hypersonic ramjet	1958
19650078546	Development and operational experience with liquid propellant rocket engines for ballistic missiles	1958
19650078659	Navy manned satellite study a summary	1958
19650078807	Report of the ad-hoc committee on high intensity electric arc-jets	1958
19650078811	[No Title]	1958
19650078812	Proceedings of the 12th annual symposium on frequency control	1958
19650078818	A one-dimensional theory of liquid-fuel rocket combustion	1958
19650078925	[No Title]	1958
19650078941	A review of the literature on the effect of frequency on the fatigue properties of metals and alloys	1958
19650078953	Minimal impulse requirements for disorbiting satellites	1958
19650078957	Generalized missile dynamics analysis. vi- control system equations	1958
19650079333	Basic cause of cracking in rene-41 sheet alloy materials information memorandum	1958
19650079460	The causes of excessive absorption in the ionosphere on winter days	1958
19650079482	Net-force sensor research	1958
19650079489	Micropulsations of the earth-current and horizontal components of terrestrial magnetism	1958
19650079497	Earth-current investigations at the observatory for terrestrial magnetism at furstenfeldbruck	1958
19650079571	Propellant Selection and Design Considerations for High-Thrust Booster Rocket Engine	1958
19650079706	[No Title]	1958
19650079764	The dynamic characteristics of the topp industries, probe type, local angle of attack indicator, part no. 12792-bn and 12792-3	1958
19650079875	Preliminary ground electrical load analysis	1958
19650079884	Effective density of boiling liquid oxygen in the battleship tank at point loma test facility	1958
19650079963	Design and development of a net force sensor final report	1958
19650079990	Missile xm5, guidance and control system	1958
19650080080	A pulse restrained accelerometer system	1958
19650080187	Subminiaturized universal flight range and endurance data indicator /uni-fredi/ final report	1958
19650080189	Investigation of wave propagation in semi- solids final report	1958
19650080208	Secondary power for space flight	1958
19650080227	A comparison of hydrocarbon fuels for large rocket engines	1958
19650080230	Multi-Jet Effects on Afterbody and Base Pressures at Supersonic Speeds	1958
19650080293	A preliminary evaluation of the storability of hydraulic control systems	1958
19650080299	Acoustical and vibrational aspects of manned space flight	1958
19650080390	Performance Estimates for Some Air Force Ballistic Missile Stage Combinations	1958
19650080396	Instrumentation for a Lunar Satellite- Project Able-I	1958
19650080408	Effects of brief loud noise on the performance of a visual task. iii- bursts of one second with a peak intensity of 110 db	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080415	Agard meeting on combustion and propulsion	1958
19650080436	Survey and Compilation of Capsule Escape Systems Data	1958
19650080498	A nuclear electric ion propulsion system for an interplanetary vehicle	1958
19650080618	Low speed wind tunnel test ejection of various .042 size f8u-1 "pilot capsules" with fin and speed brake arrangements c. v. a. low speed wind tunnel test no. 47, dec. 27, 1957 - jan. 12, 1958	1958
19650080709	J-57 engine compressor spraying test	1958
19650080839	A preliminary design study of a fluorine- hydrazine final power stage	1958
19650081092	R.a.e. 24-channel telemetry system multi-tube recording equipment	1958
19650081119	Research on structural adhesive properties over a wide temperature range	1958
19650081195	Process design study of proposed liquid oxygen generating cycle	1958
19650081197	Thermal properties of certain metals. part ii- iron, beryllium, iridium, palladium, platinum, and tungsten	1958
19650081290	A method for estimating direct squadron personnel requirements via malfunction rates- an application to the titan icbm	1958
19650081435	The development of large scale thrust chambers utilizing high energy propellants	1958
19650081639	Design information manual for the mb-3 propulsion system	1958
19650081657	[No Title]	1958
19650082667	Flow theory development for a cryogenic liquid	1958
19650082669	The use of photolithographic techniques in transistor fabrication	1958
19650082708	Development trends of helicopter and other vtol aircraft during the next decade, appendix ii	1958
19650082825	Preliminary flight rating test for the model 410b-1 liquid bi-propellant accessory power supply final report	1958
19650082849	F8u-3 weapon system operational analysis studies report no. 1	1958
19660030329	Investigation of Flutter Characteristics of Three Low-aspect-ratio All-movable Half-span Control Surfaces at Mach Numbers from 1.49 to 2.87	1958
19660070418	Ratio of the intensities of sodium D2 and D1 lines emitted in the upper atmosphere at twilight and during the night	1958
19660071125	Experimental machine translation of Russian to English Progress report	1958
19660072057	Stark broadening of hydrogen lines in a plasma	1958
19660077318	Sodium levels in urine and lymph following elevation of inferior vena cava pressure	1958
19660081081	Theoretical evaluation of the performance of air-breathing hypersonic airplanes	1958
19660082064	Free-spinning-tunnel Investigation of a 1/28-scale Model of the North American FJ-4 Airplane	1958
19660082140	Composition of the Upper Atmosphere	1958
19660084828	Low-speed wind-tunnel tests of a 1/8-scale model of the bell d-188a vtol airplane	1958
19660086271	The role of aeronautical research in airplane design	1958
19660086272	The transonic and supersonic area rule	1958
19660088575	Performance considerations for the design of a satellite stage	1958
19660088588	Xsm-68, preliminary electrical airborne load analysis - lot g	1958
19660088613	Operational fabrication and verification of constants memory plug-in units	1958
19660088705	Operational flight safety study of arma ws 107a inertial guidance system	1958
19660088726	Ionization in rocket exhausts, a survey	1958
19660088740	Combustion characteristics of special hydro- carbon jet fuels final report	1958
19660088783	Experimental investigation of sloshing semiannual report, 1 jul. - 31 dec. 1958	1958
19660088824	The hydroelastic stability of struts	1958
19660088855	Operational data for n6b autonavigator	1958
19660088918	Study of large solid-propellant rocket motors, volume 3 final report, apr. 1956 - mar. 1958	1958
19660089116	Measurement of infrared radiation from in-flight aircraft in the 4- to 5-micron spectral band	1958
19660089242	A study of the uncertainty in impact point of re-entry vehicles that use ablating materials for protection from aerodynamic heating	1958
19660089288	Film cooling tests with a two-dimensional convergent-divergent nozzle. part i- single slot data	1958
19660089319	Image intensifier symposium	1958
19660089321	Evaluation of the mechanisms which affect the performance of thermal radiation resistant coatings technical report, may 1956 - may 1957	1958
19660089350	Estimated aerodynamic data for the preliminary pershing re-entry body /heavy payload/	1958
19660089450	[No Title]	1958
19660089525	Static test of one jato, xm16e1 aged for two years - round no. a-3	1958
19660089564	Methods of measuring free air temperature and aircraft true airspeed and ground speed	1958
19660089691	Practical digital data smoothing	1958
19660089726	Second series of supersonic force tests on the full-span model x-15 for north american aviation incorporated	1958
19660089822	Jupiter Radio-inertial Guidance System	1958
19660089854	Raco design study final report	1958
19660089857	Juno ii shroud ejection	1958
19660089886	Altitude testing of the allegany ballistics laboratory jato x248 a2 for project vanguard	1958
19660089908	Supersonic tests of a two dimensional modified naca 66-003 series airfoil to investigate the effect of surface roughness on skin friction coefficient for the b-70 weapon system	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089910	Analysis of drooped leading edges, fuselage vanes, canard and vertical tail effects, b-70 airframe .03-scale model i, mach numbers from .2 to 1.2, north american aerodynamics laboratory, southern california cooperative wind tunnel	1958
19660089911	Wind tunnel investigation of b-70 airframe and air induction system compatibility, preliminary analysis of	1958
19660089912	Trisonic wind tunnel tests of the 0.05 scale advanced inlet duct model of the b-70 weapon system to determine recovery and operation characteristics of the inlet duct configurations at mach numbers of 3.0, 2.88, 2.38	1958
19660089915	Analysis of aerodynamic characteristics of the b-70 airframe .03-scale model ii at mach numbers of .4 to 3.5 in the cwt and ames 8 times 7 wind tunnels	1958
19660089921	Analysis of aerodynamic characteristics of the .008-scale b-70 airframe models i and iii at mach numbers of .7 to 3.0 in the c.i.t. jet propulsion laboratory 20-inch wind tunnel	1958
19660089925	Structural Test of Jupiter AM-11 Rotational Launcher. Phase 1 - Drive Motors and Thrust Bearing Test	1958
19660089935	Low speed wind tunnel tests of the number ii .03-scale force model of the b-70 weapon system to determine the effects of double and single slotted flaps, canard spoiler-slot- deflector, wing and fuselage spoilers, and ventral fins	1958
19660089936	Guidance, Control, Separation, Stabilization Systems and Components, Volume I Final Report	1958
19660089938	Infrared techniques and problems of the future	1958
19660089945	Performance analysis of b-70 subsonic diffusers	1958
19660089964	Program for the Development of a 1,000,000-lb-thrust Liquid-propellant Rocket Engine System	1958
19660089967	Symposium on duplexing and tr tube techniques. volume 1	1958
19660089968	Symposium on duplexing and tr tube techniques. volume 2	1958
19660090242	An investigation of shock wave-boundary layer interaction final report	1958
19660090244	Numerical solutions of the axially symmetric hypervelocity impact process involving iron	1958
19660090371	Missile thrust vector actuator system analysis	1958
19660090531	Simulating rocket engine noise in the laboratory	1958
19660090832	An experimental investigation of the stability characteristics of preliminary pershing configuration, part c	1958
19660090925	Some quantitative information obtained from the examination of fatigue fracture surfaces	1958
19660091009	The story of allegany ballistics laboratory	1958
19660091046	Note on a laboratory apparatus to study the high speed impact between a liquid drop and a surface	1958
19660091056	Feasibility study for propeller shaft thrust bearing program	1958
19660091114	An analysis of some human factors to be considered in developing protective devices for army aviators	1958
19660091135	Detail requirements for structural fatigue certification programs	1958
19660091278	Design procedure for transpiration air cooled turbine blades final report supplement	1958
19660091538	An evaluation of the radioactive-type ablation meter from cook electric company	1958
19660091549	A research study to advance the state-of-the- art of solid propellant grain design quarterly progress report no. 5	1958
19660091638	Proceedings of the third national conference on tube techniques	1958
19660091702	Proceedings of the first tri-service millimeter wave symposium	1958
19660092925	Monte carlo models for estimating reliability - an exploratory analysis	1958
19660092989	Removal of carbon dioxide from submarine air with solid absorbents final report	1958
19660093318	Equations of motion for ballistic missiles in six degrees of freedom	1958
19670022636	Hydrodynamic characteristics of a model of a proposed six-engine hull-type seaplane designed for supersonic flight	1958
19670087409	Cation-exchange resin-catalyzed condensation and polymerization of aldehydes	1958
19670087854	Research and development capabilities for large engine programs	1958
19670087859	The E-1 Rocket Engine Program Quarterly Progress Report, Period Ending 31 Aug. 1958	1958
19670087861	The E-1 Rocket Engine Program Quarterly Progress Report, Period Ending 30 Nov. 1958	1958
19670087926	Disorientation in flight	1958
19670087930	Mcdonnell pressure jet propulsion system characteristics, december 1957 - july 1958	1958
19670087933	Performance characteristics of an aerodynamically variable area exhaust nozzle applicable to the mc donnell pressure jet tip burner	1958
19670088035	Development of large solid propellant rocket engines, volume i final report	1958
19670088036	Development of large solid propellant rocket engines, volume ii final report	1958
19670088037	Development of large solid propellant rocket engines, volume iii final report	1958
19670088038	Development of large solid propellant rocket engines, volume iiiia final report	1958
19670088400	Fluctuation measurements in supersonic turbulent boundary layers	1958
19670088571	On the use of quaternions in simulation of rigid-body motion	1958
19670089784	Mcdonnell pressure jet rotor system summary report	1958
19670089801	Dynamic characteristics of the mcdonnell pressure jet rotor system at low and high advance ratios	1958
19670089848	A study of oriented polycrystalline ferrites with cubic anisotropy	1958
19670090299	On the use of sonar pulse techniques for continuous thickness gauging of ablating nose cones and nose models	1958
19670090315	Balloon-borne dewpoint hygrometer flight no. bb-1	1958
19670090317	Effects of drag ring and fins on drag of an icbm nose-cone and booster	1958
19670090318	Preliminary results obtained with catalytic surfaces in the upper atmosphere during balloon flights	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090319	Summary of dovap reductions for nike-cajun rocket am 6.39	1958
19670090326	Crystal, 19.2 kc, scientific radio products, vibration evaluation	1958
19670090654	Ordinary differential equation solution system part i	1958
19670090931	The effect of controlled three-dimensional roughness on boundary layer transition at supersonic speeds	1958
19670091102	[No Title]	1958
19670091115	The electromagnetics of the rocket exhaust	1958
19670091186	Explosive techniques for test of armament weldments	1958
19670091217	Speech analysis final scientific report	1958
19670091218	Research on speech synthesis scientific report, 1 dec. 1956 - 28 feb. 1958	1958
19670091974	Agard body measurements of 1578 rcaf aircrew trainees	1958
19670092448	Surveillance evaluation of igniters in missile booster 2.2 ks 33,000 x105hi	1958
19670093584	Effects of flame radiant heating on temperature and durability of laboratory scale jet combustor flame tubes	1958
19670093654	Survey of sheet material for b-70 and f-108a	1958
19670093829	Study of electrical energy conversion systems for future aircraft	1958
19670093934	Equipment procurement specification fire detection system xb-70 air vehicle	1958
19670094050	Apparent depth duplication with binocular disparity cues	1958
19670095342	Measurement of the thermal properties of various aircraft structural materials	1958
19670095793	Technical description of the vm-1 velocity meter	1958
19670096238	Power spectral analysis of sled vibration data	1958
19670096285	The contrast transmittance distribution as a possible tool in visibility calculations	1958
19670096514	[No Title]	1958
19670096515	[No Title]	1958
19670096601	New development in navigation skok ve vyvoji navigace	1958
19680073957	Scientific Results from the Explorer Satellites	1958
19680073958	U. S. Explorer Satellites	1958
19680082174	The quasi-near fields of a long horizontal line source	1958
19680085449	Record of a symposium on real gas effects in high speed flow	1958
19680085835	The effect of clipping and sampling on the performance of some signal detection systems	1958
19680086324	Hearing losses of personnel exposed to impulse and steady state noise	1958
19680086635	Aircraft aerodynamic height and speed quantities, their characteristics and co-relation	1958
19680086744	Measurement of temperature of arc plasmas	1958
19680087274	An analytical and experimental investigation of the pressure distribution and pressure drop in small bore tubing using air at elevated temperatures	1958
19680087319	An image orthicon with a narrow range of electron energy in the scanning beam	1958
19680087365	Transonic flutter characteristics of a 45 degree swept back all movable stabilizer	1958
19680087374	Microphonic effects in image orthicons	1958
19680087458	Transonic flutter model tests. part 3 - 60 degree delta wings	1958
19680087977	Further study of components of the high intensity arc tail flame	1958
19680088231	Pressure loss in straight tubing with flow of oronite 8200, applicable to b-70 airplanes /naa model na-259/	1958
19680088471	Reaction studies in the high temperature arc	1958
19680089277	Bumblebee aerodynamics panel, minutes of 38th meeting /u/	1958
19680089278	Generalized missile study program recent progress, current status, and future plans /u/	1958
19680089279	Cal research of interest to the bumblebee aerodynamics program /u/	1958
19680089280	Experimental jet interference	1958
19680089281	Measurement of skin friction in flight and in the wind tunnel	1958
19680089282	Investigation of turbulence	1958
19680089283	High altitude /low density/ research by laboratory techniques	1958
19680089284	Skin temperatures in real gas environments, and flow fields near cruciform slender configurations with partial span flaps /u/	1958
19680089285	Operational capabilities of convair/san diego 4 feet by 4 feet high speed wind tunnel /u/	1958
19680089376	A study of the low speed aerodynamic characteristics of high-lift flow controlled profiles and wings /u/	1958
19680089384	Passive defense for aircraft fuel tanks /u/	1958
19680089447	Applied research of hydrogen peroxide /u/ quarterly progress report for period ending 30 sep. 1958	1958
19680089853	The pitch-up phenomenon and supersonic aircraft /u/	1958
19680090701	Angle of attack indicator evaluation in the naca langley unitary and 8-foot transonic wind tunnels	1958
19680090711	Longitudinal captive and flight loads for the xsm-65 alpha b alpha missiles	1958
19680090728	Missileborne wideband telemetering system	1958
19680090750	A Nomograph for Stagnation Point Heat Transfer Rate During Hypersonic Ballistic Re-Entry	1958
19680090805	Test report 1-3a propellant utilization system, tests number 1 through number 6	1958
19680090841	Trajectory parameters and miss coefficients for free-fall ballistic trajectories	1958
19680090846	Preliminary test report for the hot rocket exhaust jets effects test in naca lewis flight propulsion wind tunnel	1958
19680090871	Data survey report for erb test stand 1-a block 3 tests	1958
19680090898	Phase 2 of the aerodynamic heating tests at the naca langley unitary plan wind tunnel preliminary report	1958
19680091075	Telescope design for ground surveillance from high altitude satellites	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091173	Validation procedure for the liquid oxygen tanking control system /electrical/ d series, r and d erb 1-1	1958
19680091206	Laminated fiberglass ultimate strength test	1958
19680091307	Flow figures on metal surfaces - their cause and prevention	1958
19680091384	A technique for experimental investigation of heat transfer from a surface in supersonic flow at large surface-to-free-stream temperature ratios	1958
19680091418	Heat transfer rates to plates, cylinders, and spheres in highspeed rarefied-gas flow	1958
19680091420	High temperature test methods	1958
19680091422	Production of free radicals in the solid state by ion bombardment	1958
19680091443	Helium supply and demand as it affects convair-astronautics	1958
19680091449	The flow over delta wings at low speeds with leading edge separation	1958
19680091463	Induced air flows in fuel sprays	1958
19680091482	Validation procedure for the liquid oxygen tanking control system /electrical/ "d" series, r & d sycamore s-1	1958
19680091483	Partial pressure analyses of the final pressure of high-vacuum pumps /measured with an omegatron/	1958
19680091485	Cadmium amine complex bases as cellulose solvents	1958
19680091509	Theory of thermoelectric phenomena in solutions of electrolytes	1958
19680091518	Horizontal loads resulting from missile exhaust gases	1958
19680091520	Xsm-65d range safety command system checkout description and plan	1958
19680091524	Relative motion of re-entry vehicle and 23d airframe during separation	1958
19680091548	Test program for operational propellant handling and pressurization system of ws 107a-1 at research test site missile static test site	1958
19680091580	Presentation of temperature data from the hot rocket jet effects test in the naca lewis flight propulsion laboratory 8 ft x 6 ft wind tunnel	1958
19680091821	Accuracy improvement of martian probe by post-escape correction and improved determination of the astronomical constant	1958
19680092562	Liquid propellants handbook, volume 3 /u/	1958
19680092629	Fatigue tests of some hot pressed beryllium	1958
19680092648	Resume of magnetohydrodynamic stability theory	1958
19680092665	Thermal conductivity of insulating materials by the guarded hot plate method	1958
19680092748	Flight proofing test report for Azusa antenna "B" series, dwg. no. 7-35229-1	1958
19680092803	On the existence of steady state flames	1958
19680092896	On non-adiabatic flame propagation	1958
19680093793	Propellant sloshing parameters for the SM65 test and operational vehicles	1958
19680093847	Mechanical properties of fiberglass laminate, foam and honeycomb materials for C series fireshield	1958
19680093852	On non-adiabatic flame propagation	1958
19680093933	Stability and control trials of the model F8U-1P airplane - Flying qualities phase /U/ Final report	1958
19680093955	Validation procedure for the flame deflector control system electrical "C" series erb 1-1	1958
19680094165	Test report for phase 1 of the aerodynamic heating tests at the NACA Langley unitary plan wind tunnel	1958
19680094296	The equations of motion of a rocket controlled by swivelling jet motors, with particular reference to Blue Streak	1958
19680094328	A long range, early warning search radar The AN/TPS-22 /U//	1958
19680094422	The use of ultrasonic methods for examining the physical properties of solids	1958
19690086836	The propagation of long electric waves in magnetized plasma and their passage through plasma layers	1958
19690089222	Some experiments with a model jet flap in a centrifugal field	1958
19690089598	An investigation of two methods of suppressing shock oscillation ahead of conical centre-body intakes	1958
19690089599	A theory of the jet flap in three dimensions	1958
19690089624	Solution speed of oxygen in different liquids	1958
19690089866	Impingement heating in vernier flame at high altitude	1958
19690090007	A theoretical method of determining the ground effect on lift and pitching moment for wings of arbitrary planform	1958
19690090015	An experimental evaluation of the critical flow velocity formulas for parallel plate assemblies	1958
19690090031	Comparison of thermodynamic data via pentaborane flame temperature calculations /U/	1958
19690090520	Comparative characteristics of transducers for dynamic pressure measurements, their limitations and potential for further improvement	1958
19690090959	New materials for Polaris reentry body /U/ Quarterly status report, 16 Jul. - 15 Oct. 1958	1958
19690090960	Research on new heat sink materials /U/ Quarterly status report, 16 Apr. - 15 Jul. 1958	1958
19690091109	Preliminary analysis - System 6. Lunar guidance system study	1958
19690091118	New materials for Polaris re-entry body /U/ Progress report, 16 Nov. - 15 Dec. 1958	1958
19690091123	New materials for Polaris re-entry body /U/ Progress report, 16 Jun. - 16 Jul. 1958	1958
19690091124	New materials for Polaris re-entry body /U/ Progress report, 16 Apr. - 15 May 1958	1958
19690091125	New materials for Polaris re-entry body /U/ Progress report, 16 Jul. - 15 Aug. 1958	1958
19690091126	New materials for Polaris re-entry body /U/ Progress report, 16 May - 15 Jun. 1958	1958
19690091536	New materials for Polaris reentry body /U/ Progress report, 16 Oct. - 15 Nov. 1958	1958
19690091538	New materials for Polaris reentry body /U/ Progress report, 16 Aug. - 15 Sep. 1958	1958
19690092844	Report of the panel on toxicity of beryllium	1958
19690092845	Panel on toxicity of beryllium	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092846	Health hazards from beryllium	1958
19690092889	Preliminary Evaluation of Very High Energy Rocket Propellants	1958
19690093084	Evaluation of X-89 and TI-680 silicon rectifiers by comparison with 6X4W and 6X4WA vacuum-tube rectifiers Interim report	1958
19690093433	Heat-transfer measurements on a 5.5-inch-diameter hemispherical concave nose in free flight at Mach numbers up to 6.6	1958
19690093655	Visit to Army Ballistic Missile Agency - Space environments	1958
19690093663	Investigation of the vaporization and thermal decomposition of organic dyes. 1 - Thermogravimetric determination of the energies of activation for volatilization	1958
19690093664	Investigation of the vaporization and thermal decomposition of organic dyes. 2 - Differential thermal analysis and thermogravimetric analysis of organic dyes	1958
19690093726	B-66 Operation Redwing data, volumes 1 and 2 /U/ Technical note, 21 May - 22 Jul. 1956	1958
19690093727	B-66 Operation Redwing data, volumes 3 and 4 /U/ Technical note, 21 May - 22 Jul. 1956	1958
19690094006	The 35,000-pound high energy propellant thrust chamber feasibility investigation /U/ Final report	1958
19700089063	Optimal elastic characteristics of ejection seat cushions for safety and comfort	1958
19700089190	Correlation testing program for MIL-C-7020B cloth, nylon for parachutes	1958
19700089667	Wave refraction by numerical methods	1958
19700089769	Development of a turbojet altitude windmill starting correlation	1958
19700090842	The development and manufacture of lead azide RD 1343	1958
19700091430	Combustion and Propulsion Third AGARD Colloquium. Noise-shock tube-magnetic effects instability and mixing	1958
19700091584	Energy spectra of FM system with low beta, high deviation ratio, and MF which approaches carrier frequency	1958
19700092597	Foveal contrast thresholds for various durations of single pulses Final report	1958
19700092688	Outline of preliminary programming information for peripheral equipment on MOBIDIC D	1958
19700092876	MOBIDIC D final design plan, volume 1	1958
19700092877	MOBIDIC D final design plan, volume 2	1958
19700093964	Theoretical calculation of R-F energy received from the APS/20E radar b a T24E1 indicator simulating the T24E1 electric detonator	1958
19700094144	Grid pulsed life tests of types 6021 and 6111	1958
19700094405	Liquid propellant safety manual	1958
19700095905	Further experiments on the NAMTC combination air-intake diffuser/radiant-energy collector	1958
19710064915	The effect of compressor-inlet water injection on engine and afterburner performance	1958
19710064987	An investigation of the static longitudinal, lateral, and directional stability characteristics of a 1/10-scale model of the Convair TCP bomb	1958
19710065515	Aerodynamic heating of blunt nose shapes at Mach numbers up to 14	1958
19710065532	Investigation of control signals for variable ramps of twin-duct side inlets	1958
19710066229	Re-entry and recovery of near-earth satellites, with particular attention to a manned vehicle	1958
19710066788	An investigation of possible decoy configurations for intercontinental ballistic missiles	1958
19710066789	Exploratory investigation of the longitudinal aerodynamic characteristics of a canard airplane configuration at Mach number of 2.98	1958
19710066792	Evaluation of some aerodynamic controls for a low aspect ratio missile	1958
19710066795	Effect of design variables on performance of Mach 4.0 hydrogen expansion engines	1958
19710066797	A two-dimensional external-internal- compression inlet with throat bypass at Mach 3.05	1958
19710066798	Experimental investigation of effect of spike- tip and cowl-lip blunting on the internal performance of a two-cone cylindrical-cowl inlet at mach number 4.95	1958
19710066802	Performance of five short multielement turbojet combustors for hydrogen fuel in quarter-annulus duct	1958
19710066909	Effect of tip-speed ratio on induced velocities near a lifting rotor	1958
19710066965	An analytical method for predicting lift and drag characteristics of flat-top wing-body combinations at supersonic speeds	1958
19710067129	Diameter requirements for the non-reflective type shock tunnel	1958
19710067200	Design and tests of a six stage axial flow compressor having a tip speed of 550 feet per second and a flat operating characteristic at constant speed	1958
19710067229	An experimental investigation of the laminar boundary layer on a rotating flat plate	1958
19710068704	Hydrodynamic characteristics of missiles launched under water	1958
19710069452	Performance of hydrogen fueled combustors for a Mach 4 turbojet engine	1958
19710070647	Notes on space technology	1958
19710072869	An investigation into the flow over delta wings at low speeds with leading edge separation	1958
19710073429	Summary of SHERWOOD activities, supplement 1 Progress report, 10 Dec. 1957 - 20 Jun. 1958	1958
19710076492	Heat transfer and pressure measurements from a flight test of the third 1/18-scale model of the Titan intercontinental ballistic missile up to a Mach number of 3.86 and Reynolds number per foot of 23.5 million and a comparison with heat transfer of two other models	1958
19710076493	An investigation of the aerodynamic characteristics of a 1/15-scale model of WS-117L with booster B at Mach numbers from 2.49 to 3.53	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076494	A wind tunnel investigation of the aerodynamic characteristics of a 1/15-scale model of the lockheed WS-117L vehicle plus booster B at Mach numbers from 0.70 to 1.45	1958
19710076495	An experimental investigation of the aerodynamic characteristics of a 1/15-scale model of the Lockheed WS-117L vehicle plus booster B at Mach numbers from 1.55 to 2.35	1958
19710076876	The expendability of electronic assemblies Interim report	1958
19710077165	Water quench test no. 2A of the Talos Booster Safety Program	1958
19710077282	Terrier rocket safety program test no. 15-A through 15-E of the Applied Physics Laboratory, Johns Hopkins University	1958
19710077290	Thermal cycle test for type 347 stainless steel in pile tubes	1958
19710077428	Anomalies in radar propagation - One of the aspects of radio meteorology	1958
19710082819	Fiscal year 1959 procurement SM-62A weapon system, statement of work	1958
19720065895	Some notes on the probable damage to an intercontinental-ballistic-missile warhead following puncture of the heat shield	1958
19720066139	Comparison of various heat exchangers for liquid-metal nuclear turbojet over range of flight and operating conditions	1958
19720073772	Space programs. Presentation to National Aeronautics and Space Administration, Washington, D. C. (U)	1958
19720073791	Presentation on Vehicle Programs	1958
19720074573	A spinning multiloop direction finder for the reduction of shipboard reradiation error	1958
19730064718	A Discussion of Some Lunar Rocket Guidance Problems	1958
19730065291	Preliminary Post Flight Evaluation Able-1, Round 3	1958
19730065292	Preliminary Post Flight Evaluation Able-1, Round 2	1958
19730065307	Analysis of a supersonic air-turbojet engine using hydrogen and liquid air	1958
19730065665	Scientific Earth Satellite Program	1958
19730072206	Bearing readout systems for goniometric direction finders (U)	1958
19730074506	REDEYE weapon system human factors analysis	1958
19730076843	Techniques of system reliability measurement, volume 2	1958
19730078084	Clustered high-thrust booster rocket engines	1958
19740073191	Index of NASA technical publications	1958
19740076472	Scientific Earth Satellite Program	1958
19740077078	DS-I Glider Airframe Structure	1958
19740084643	ABMA Presentation to NASA, Washington, D. C., on 15 December 1958	1958
19740085822	T2J-1 ejection seat stabilization system test and evaluation	1958
19740086276	Some instabilities arising from the interactions between shock waves and boundary layers	1958
19750069146	The NASA and propulsion research	1958
19750070059	Combined bimonthly summary no. 67 for the period 1 August - 1 October 1958	1958
19750074595	Sixth Semiannual ANP Shielding Information Meeting	1958
19750074596	Shield materials evaluation	1958
19750074597	Experimental determination of the effect of nta structure	1958
19750074598	Response of a collimated NaI(Tl) crystal	1958
19750074599	Thermal neutron capture in the anthracene scintillation dosimeter	1958
19750074600	Calculation of thermal neutron flux from shielded reactors	1958
19750074601	Calculation of ASTR source terms	1958
19750074602	A review of recent capture calculations	1958
19750074603	Monte Carlo calculations of fast neutron energy spectra	1958
19750074604	Crew shield design	1958
19750074605	An experimental test of the extension of moments method calculations to finite media	1958
19750074875	Sixth Semiannual ANP Shielding Information Meeting	1958
19750074876	Threshold foil measurements	1958
19750074877	The Pratt and Whitney Aircraft shield mock-up experiment for the TSR-2	1958
19750074878	Prediction of radiation intensities at large distances from the TSR-2	1958
19750074879	TSF studies in support of GE-ANP program: Rechecks and extensions of the 2Pi shield experiments	1958
19750075416	Design of a voltage controlled one-shot multivibrator for a solid-state decommutator	1958
19760079973	Test vehicle attitude control system. A proposal prepared in response to specification S-1	1958
19770085752	Human engineering investigations of the interior lighting of naval aircraft: Compartment lighting of naval aircraft: An introduction to the study of the requirements for aircrew station lighting	1958
19780072495	General Management Proposal, Dyna Soar System 464L. Section A: General Management Section	1958
19780072545	Design feasibility report: Thor test booster for the NASA manned space capsule	1958
19780073715	The X-15 research aircraft	1958
19780075329	System 464L: Project Dyna-Soar. General Management Proposal	1958
19780075341	Project Dyna Soar [General Management Proposal System 464L]	1958
19780075344	General Management Proposal for Dyna-Soar Program, System 464L: General Management Section	1958
19780078534	Simplified method for determination of critical height of distributed roughness particles for boundary-layer transition at Mach numbers from 0 to 5	1958
19780078536	Effects of surface roughness and extreme cooling on boundary-layer transition for 15 deg cone-cylinder in free flight at Mach numbers to 7.6	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780078577	Boundary-layer-transition measurements in full-scale flight	1958
19780078803	The prospects for laminar flow on hypersonic airplanes	1958
19780082800	Rules for the conversion of United States aeronautical drawings (airframes) for countries employing the metric system	1958
19780083347	Fatigue loadings in flight: Loads in the nose undercarriage and wing of a Valiant (U)	1958
19780083651	Atmospheric turbulence encountered by a Hunter aircraft at low altitude (U)	1958
19780083893	Development and funding plan for AOMC support of NASA manned-satellite project	1958
19780085167	Dyna-Soar booster case studies	1958
19800071451	Aerodynamic noise and drag measurements on a high-speed magnetically suspended rotor	1958
19800072180	Research-Airplane-Committee Report on Conference on the Progress of the X-15 Project	1958
19830069737	Brief investigation of an asymmetrical alternating-current battery-charging technique	1958
19850080436	An evaluation of fatigue as an area for human factors research	1958
19880069072	Diffraction of molecular beams	1958
19880069073	One-dimensional self-similar motions of a conducting gas in a magnetic field	1958
19880069099	Investigations of high-frequency breakdown in gases over a wide range of decimeter wave frequencies, part 1	1958
19880069124	Characters of linear representations of finite groups on an arbitrary field	1958
19930073099	Shock wave-laminar boundary layer interaction on a convex wall	1958
19930074715	Concepts of hypersonic flight. Artificial satellites and space travel. Part 1: Impulsive thrust	1958
19930085198	Lightning Hazards to Aircraft Fuel Tanks	1958
19930086486	Free-spinning and tumbling characteristics of a 1/20-scale model of the Douglas XF4D-1 airplane as determined in the Langley 20-foot free-spinning tunnel. TED No. NACA DE 346	1958
19930089788	An investigation of the performance of a semielliptical scoop inlet at Mach numbers of 1.60, 1.76, and 2.02	1958
19930089810	Investigation of control signals for variable ramps of twin-duct side inlets	1958
19930089856	Wind-tunnel Data on the Longitudinal and Lateral-directional Rotary Derivatives of a Straight-wing, Research Airplane Configuration at Mach Numbers from 2.5 to 3.5	1958
19930089858	Preliminary analysis of hydrogen-rich hypersonic ramjet operation	1958
19930089865	Transonic Flutter Investigation of Models of the Sweptback Wing of a Fighter Airplane	1958
19930089873	Some experimental heating data on convex and concave hemispherical nose shapes and hemispherical depressions on a 30 degree blunted nose cone	1958
19930089893	Combustion of gaseous hydrogen at low pressures in a 35 degree sector of a 28-inch-diameter ramjet combustor	1958
19930089944	Comparison of various heat exchangers for liquid-metal nuclear turbojet over range of flight and operating conditions	1958
19930089945	Effects of Inlet Air Distortion on Steady-state Performance of an Axial-flow Turbojet Engine	1958
19930089979	Investigation of the Static Lateral Stability and Aileron Characteristics of a 0.067-Scale Model of the Bell X-2 Airplane at Mach Numbers of 2.29, 2.78, 3.22, and 3.71	1958
19930089989	Performance at Mach Numbers 3.07, 1.89, and 0 of Inlets Designed for Inlet-engine Matching up to Mach 3	1958
19930090001	Investigation of Flutter Characteristics of Three Low-aspect-ratio All-movable Half-span Control Surfaces at Mach Numbers from 1.49 to 2.87	1958
19930090020	An Exploratory Investigation at Mach Numbers of 2.50 and 2.87 of a Canard Bomber-type Configuration Designed for Supersonic Cruise Flight	1958
19930090033	Effect of design variables on performance of Mach 4.0 hydrogen expansion engines	1958
19930090039	Performance of a 28-inch Ramjet Utilizing Gaseous Hydrogen at a Mach Number of 3.6, Angles of Attack up to 12 Degrees, and Pressure Altitudes up to 110,000 Feet	1958
19930090042	Final hazards summary for the NACA zero power reactor facility	1958
19930090060	Free-spinning-tunnel Investigation of a 1/28-scale Model of the North American FJ-4 Airplane : TED No. NACA AD-3112	1958
19930090062	Heat Transfer to Surfaces and Protuberances in a Supersonic Turbulent Boundary Layer	1958
19930090063	Effect of Inlet Aspect Ratio on the Starting and Pressure Recovery Characteristics of a Rectangular Swept Scoop Inlet Tested at a Mach Number of 3.1	1958
19930090081	Exploratory investigation of performance of experimental fuel-rich hydrogen combustion system	1958
19930090083	Heat-transfer and Pressure Measurements from a Flight Test of the Second 1/18-scale Model of the Titan Intercontinental Ballistic Missile up to a Mach Number of 3.91 and Reynolds Number Per Foot of 23.4 x 10 ⁶ (exp 6) : COORD. No. AF-AM-70	1958
19930090096	Aerodynamic Heating of Blunt Nose Shapes at Mach Numbers up to 14	1958
19930090101	A tabulation of wind-tunnel pressure data at Mach numbers of 1.61 and 2.01 for five swept wings of the same plan form but different surface shapes	1958
19930090109	Performance of Five Short Multielement Turbojet Combustors for Hydrogen Fuel in Quarter-annulus Duct	1958
19930090111	Incipient Spin Characteristics of a 1/25-scale Model of the Chance Vought XF8U-1 Airplane : TED No. NACA AD 3118	1958
19930090113	Preliminary Transonic Flutter Investigation of Models of T-tail of Blackburn NA-39 Airplane	1958
19930090117	Some Factors Affecting the Stability and Performance Characteristics of Canard Aircraft Configurations	1958
19930090122	The Effect of Compressor-inlet Water Injection on Engine and Afterburner Performance	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930090123	Investigation of the Aerodynamic Characteristics of a Model of a Supersonic Bomber Configuration with a Swept and an Unswept Wing at Mach Numbers from 1.79 to 2.67	1958
19930090140	Simulation study of a high-performance aircraft including the effect on pilot control of large accelerations during exit and reentry flight	1958
19930090151	Hydrodynamic characteristics of missiles launched under water	1958
19930090160	Hydrodynamic Characteristics of a Model of a Proposed Six-engine Hull-type Seaplane Designed for Supersonic Flight	1958
19930090163	Preliminary aerodynamic data pertinent to manned satellite reentry configurations	1958
19930090165	Flight Tests of Two Smoke-producing Devices Having Deacon Rocket Boosters	1958
19930090169	Airplane configurations for cruise at a Mach number of 3	1958
19930090172	Dynamic lateral behavior of high-performance aircraft	1958
19930090186	Canard Hinge Moments and Longitudinal Stability of a 1/7-scale Model of the Convair B-58 External Store in a Free-flight Investigation at Mach Numbers from 0.94 to 2.58 : COORD No. AF-204	1958
19930090194	Deleted record	1958
19930090229	Effects of Wing Sweep, Horizontal-tail Configuration, and a Ventral Fin on Static Stability Characteristics of a Model with a Wing of Aspect Ratio 3 at Mach Numbers from 2.29 to 4.65	1958
19930090230	Wind-tunnel investigation of some effects of wing sweep and horizontal-tail height on the static stability of an airplane model at transonic speeds	1958
19930090236	Transonic wind-tunnel investigation of static lateral stability and control characteristics of the Chance Vought F8U-3 airplane : TED No. NACA AD 3133	1958
19930090239	Effect of target thickness on cratering and penetration of projectiles impacting at velocities to 13,000 feet per second	1958
19930090242	Some notes on the probable damage to an intercontinental-ballistic-missile warhead following puncture of the heat shield	1958
19930090243	Experimental Investigation of Flutter and Divergence Characteristics of the Rocket-motor Fin of the ASROC Missile : COORD. No. N-AM-66	1958
19930090245	Wind-tunnel investigation of the effects of component build-up on the lift, drag, and stability of a 0.05-scale model of the YF-108A airplane at M = 2.5 and 3.0 : COORD No. AF-AM-157	1958
19930090305	Evaluation of some aerodynamic controls for a low-aspect-ratio missile	1958
19930092386	Aerodynamic characteristics of the X-15/B-52 combination	1958
19930092396	X-15 Structural Loads	1958
19930092397	X-15 Structure and Structural Development	1958
19930092398	Flutter, Noise, and Buffet Problems Related to the X-15	1958
19930092399	X-15 Forming and Fabrication Methods	1958
19930092400	X-15 Material and Process Development	1958
19930092401	The XLR99-RM-1 Engine for the X-15 Airplane	1958
19930092402	X-15 Propellant System Description	1958
19930092408	Flight and Analog Studies of Landing Techniques	1958
19930094869	NACA Conference on high-speed aerodynamics	1958
19950071712	The supersonic flow about a blunt body of revolution for gases at chemical equilibrium	1958
19960050575	Very-Short-Time High Temperature Properties of Magnesium Alloy HM21XA and Titanium Alloy 6Al-4V	1958
19980232019	Random Processes in Electrical and Mechanical Systems	1958
20030068060	Deleted record	1958
20080047546	Synthesis of Hypotaurine (Sintesi dell'ipotaurina)	1958
20090009306	On a Method of Investigating Nonlinear Systems of Oscillations and of Servomechanisms	1958
20110006883	Tests of Aerodynamically Heated Multiweb Wing Structures in a Free Jet at Mach Number 2. Three Models of 20-Inch Chord and Span Constructed from Magnesium, Titanium, and Aluminum Alloys, Respectively	1958
20130014429	NACA Hypersonic Flight Testing with Multistage Rockets	1958
20130014723	Formation and Effects of Subgrains in Iron	1958
20130014749	Some Structural Response Characteristics of a Large Flexible Swept-Wing Airplane in Rough Air	1958
20130014751	Laminar Tube Flow with Arbitrary Internal Heat Sources and Wall Heat Transfer	1958
20130014752	Induced FLOW Near a Rotor and its Application to Helicopter Problems	1958
20130014825	Elimination of Noise in the Heat Exchanger of a Supersonic Wind Tunnel	1958
20130014919	Second Series Test of Two-Dimensional NACA 16 Series Airfoils having High Camber and Flaps	1958
20140000290	Aerodynamics of Wings and Bodies at Transonic Speeds	1958
20150010506	Planetary Quarantine Constraints Established by COSPAR and NASA - Pertinent COSPAR actions and History	1958
20150011426	British Drawings of "G" Restrictors and Control Booster	1958
20150013457	[Presentation to NASA: Liquid Rocket Plant]	1958
20150013907	Developments in the Flutter Analysis of General Plan Form Wings Using Unsteady Air Forces from the Kernel Function Procedure	1958
20150013908	A Balance Method of Measuring the Thrust Reaction of an Air Jet	1958
20150013920	Atomization of Impinging Jets and Single Crosscurrent Jets in Airstreams	1958
20150013923	Hurricane Development	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013934	Remarks on "Analytical Results of Certain Nonlinear Flutter Problems"	1958
20150014013	An Analysis of Fuel-Oxidant Mixing in Screaming Combustors	1958
20150014014	Fats for Flow Visualization Films	1958
20150014015	A National Space Program for the United States	1958
20150014074	Flame Propagation in Premixed Gases	1958
20150014301	Measurement of Rocket-Exhaust-Gas Temperatures	1958
20150014303	Research on VTOL and STOL Aircraft in the United States	1958
20150014352	Thrust Chamber Experiments with High Energy Rocket Propellants	1958
20150014360	High Energy Fuels	1958
20150014361	A Variational Method for Fully-Developed Laminar Heat Transfer in Ducts	1958
20150014362	Wear and Friction of Filled Polytetrafluoroethylene Compositions in Liquid Nitrogen	1958
20150014364	Combined Effects of Turbulence and Roughness on Transition	1958
20150014365	Materials Problems Associated with Earth Satellite Environment	1958
20150014366	Materials Testing Program for Pilot Model of High Thermal Flux Unit	1958
20150014374	Ignition of Several Metals in Fluorine	1958
20150014375	Note on Hydrogen as a Real-Gas Driver for Shock Tubes	1958
20150014377	Theoretical Considerations of Flutter at High Mach Numbers	1958
20150014378	Effects of a Time Varying Test Environment on the Evaluation of Dynamic Stability with Application to Flutter Testing	1958
20150014382	Powered Lift Systems	1958
20150014383	An Approximation of the Boundary of a Supersonic Axisymmetric Jet Exhausting into a Supersonic Stream	1958
20150014439	Basic Structural Considerations for Fatigue Design	1958
20150014646	A Discussion of Higher-Order Approximations for the Flow Field About a Slender Elliptic Cone	1958
20150014647	A Model of Supersonic Flow Past Blunt Axisymmetric Bodies, with Application to Chester's Solution	1958
20150015151	Minitrack System Training Manual	1958
20150015710	Annual Research Task Summary	1958
20150015718	Combined Forced and Free Convection in a Vertical Tube	1958
20150015754	The Influence of Free-Stream Turbulence on the Local Coefficient of Heat Transfer from Flat Plate	1958
20150016061	Deceleration During Entry into Planetary Atmospheres	1958
20150016137	Thor Space Capabilities	1958
20150016671	Impressions from a Study of Research Management in the United States	1958
20150016697	Loss and Stall Analysis of Compressor Cascades	1958
20150016698	Resume of the Supersonic Compressor Research at NACA Lewis Laboratory	1958
20150016699	Gas Turbine Progress Report - Turbine Cooling	1958
20150016704	The Supersonic Blunt-Body Problem - Review and Extension	1958
20150016705	Reducing Aerodynamic Heat Transfer Rates by Magnetohydrodynamic Techniques	1958
20150016706	Reducing Aerodynamic Heat Transfer Rates by Magnetohydrodynamic Techniques	1958
20150016708	Steady Laminar Heat Transfer in a Circular Tube with Prescribed Wall Heat Flux	1958
20150016709	Thermal Boundary Layer on a Nonisothermal Surface with Nonuniform Free Stream Velocity	1958
20150016720	Heat Transfer and Pressure Drop Characteristics of Wire-Coil-Type Turbulence Promoters	1958
20150016899	Hydrodynamic Stability of Viscous Flows with a Body Force	1958
20150017509	Combustion Investigation in the Hypersonic Shock Tunnel Driver	1958
20150017518	Cryogenic Electronics - Survey Report	1958
20150017519	Properties of Fibrous Potassium Titanate - A New Versatile High Temperature Insulating Material	1958
20150017558	Atomization of Impinging Jets and Single Crosscurrent Jets in Airstreams	1958
20150017577	Applicability of Separate Component Test Results to Complete Propulsion Systems	1958
20150017578	Thermal Radiation Between Parallel Plates Separated by an Absorbing-Emitting Nonisothermal Gas	1958
20150017660	Effect of Magnetic Field on Forced Convection Heat Transfer in a Parallel Plate Channel	1958
20150018025	Summary of Ballistic Missiles and Satellite and Moon Probe Launchers	1958
20150018175	Presentation on Vehicle Programs by Army Ballistic Missile Agency, Air Force Ballistic Missile Division and National Aeronautics and Space Administration	1958
20150018178	Progress and Recommended Research Activity on the Runway Roughness Problem	1958
20150018203	Effect of Mean Incidence on Flutter	1958
20150018232	Strong Low Energy Components in the Neutron Spectra of Po(alpha)Be and Ra(alpha)Be Sources	1958
20150018233	Quenching Diameters of Some Fast Flames at Low Pressures	1958
20150018513	Semiconductivity of Organic Compounds	1958
20150018820	Wind Tunnel Pressure Measurements Using Automatic Scanning Valves	1958
20150018939	Variable Stability Horizontal Stabilizer Installation	1958
20150018942	Aerodynamics of Wings and Bodies at Mach Number One	1958
20150018948	Ducted Fan Research at the NASA Langley Research Center	1958
20150018949	Space Technology at the Light Military Electronics Department	1958
20150019400	A Coherent Detection System for a Rocket-Borne Ionospheric Sounder	1958
20150019952	NACA Research on Friction Measurements	1958
20150019991	The Use of Low-Density Wind Tunnels in Aerodynamic Research	1958
20150019992	1958 Heat Transfer and Fluid Mechanics Institute, Preprints of Papers	1958

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150020412	A Fast-Response Temperature Probe for Application to Flames	1958
20150020887	Investigation of Aircraft Control by Use of Reaction of Small Rocket Motors	1958
20150021186	Rocket Laboratory Safety and Design Manual	1958
20150021924	Forty-Third Annual Report of the National Advisory Committee for Aeronautics: Administrative Report Including Technical Reports Nos. 1296 to 1341	1958
20150022991	High-Speed Impact of Metal Projectiles in Targets of Various Materials	1958
20160000499	The Effect of Gas Properties on the Heat Transfer in Stagnation Flows	1958
20160001077	Blunt Body Separation at Supersonic Speeds	1958
20160004719	Smoke Detection by Forward Light Scattering	1958
20160013782	Specifications for Manned Space Capsule	1958
20160014785	Manned Satellite Capsule	1958
19620001140	Space Research	1959
19630002672	AN INVESTIGATION OF A 0.05-SCALE MODEL OF THE XSM-64A NAVAHO MISSILE AND BOOSTER AT SUPERSONIC MACH NUMBERS PART I - FORCE STUDY	1959
19630002673	AN INVESTIGATION OF A 0.05-SCALE MODEL OF THE XSM-64A NAVAHO MISSILE AND BOOSTER AT SUPERSONIC MACH NUMBERS PART II - PRESSURE STUDY	1959
19630002680	INVESTIGATION OF THE STATIC LONGITUDINAL STABILITY AND ROLL CHARACTERISTICS OF A THREE-STAGE MISSILE CONFIGURATION AT MACH NUMBERS FROM 1.77 TO 2.87	1959
19630003099	AERODYNAMIC CHARACTERISTICS OF A 0.0667-SCALE MODEL OF THE NORTH AMERICAN X-15 RESEARCH AIRPLANE AT TRANSONIC SPEEDS	1959
19630003100	DESIGN GUIDE FOR PITCH-UP EVALUATION AND INVESTIGATION AT HIGH SUBSONIC SPEEDS OF POSSIBLE LIMITATIONS DUE TO WING-ASPECT-RATIO VARIATIONS	1959
19630003101	Flight Investigation of the Effect of Distributed Roughness on Skin Drag of a Full-Scale Airplane	1959
19630003102	WIND-TUNNEL INVESTIGATION OF PRESSURES AND HINGE MOMENTS ON A SWEEPBACK T-MOUNTED HORIZONTAL TAIL AT MACH NUMBERS FROM 0.60 TO 1.075	1959
19630003103	LOW-SPEED STATIC LONGITUDINAL AND LATERAL STABILITY CHARACTERISTICS OF A VARIABLE-INCIDENCE DELTA-WING CANARD MODEL WITH HIGHLIFT CANARD SURFACES	1959
19630003105	AERODYNAMIC CHARACTERISTICS AT MACH NUMBER 2.01 OF AN AIRPLANE CONFIGURATION HAVING A CAMBERED AND TWISTED ARROW WING DESIGNED FOR A MACH NUMBER OF 3.0	1959
19630003107	WIND-TUNNEL INVESTIGATION AT HIGH SUBSONIC SPEED OF THE STATIC LONGITUDINAL STABILITY CHARACTERISTICS OF A WINGED REENTRY VEHICLE HAVING A LARGE NEGATIVELY DEFLECTED FLAP-TYPE CONTROL SURFACE	1959
19630004020	TRANSONIC OFF-DESIGN PERFORMANCE OF A FIXED DIVERGENT EJECTOR DESIGNED FOR A MACH NUMBER OF 2.0	1959
19630004881	Wind-Tunnel Investigation at Mach Numbers from 1.60 to 4.50 of the Static-Stability Characteristics of Two Nonlifting Vehicles Suitable for Reentry	1959
19630005886	BOUNDARY-LAYER DISPLACEMENT EFFECTS IN AIR AT MACH NUMBERS OF 6.8 AND 9.6	1959
19630008114	HIGH-ALTITUDE PERFORMANCE OF A 64-FOOT-DIAMETER RING SAIL PARACHUTE	1959
19630008115	WIND-TUNNEL INVESTIGATION OF STATIC AERODYNAMIC CHARACTERISTICS OF A 1/9-SCALE MODEL OF A POSSIBLE REENTRY CAPSULE AT MACH NUMBERS FROM 2.29 TO 4.65	1959
19630008165	EXPERIMENTAL INVESTIGATION OF FLUTTER OF BUCKLED CURVED PANELS HAVING LONGITUDINAL STRINGERS AT TRANSONIC AND SUPERSONIC SPEEDS	1959
19630010119	AN EXPERIMENTAL INVESTIGATION AT M.3.09 ON HEAT TRANSFER REDUCTION BY THE USE OF UPSTREAM PROBES	1959
19630032127	ON A MODIFICATION OF HANSEN'S LUNAR THEORY	1959
19630032665	PHYSICO-CHEMICAL REACTIONS DURING NOZZLE FLOW	1959
19630033459	THE CRYSTAL STRUCTURE OF CALCIUM BROMIDE	1959
19630038054	VEGA THIRD STAGE. ELECTRICAL POWER SYSTEM	1959
19630038283	Vanguard Measurements Give Pear-Shaped Component of Earth's Figure	1959
19630038950	GUIDANCE FOR SPACE MISSIONS	1959
19630039043	NASA Studies of Solid Film Lubricants for Extreme Temperatures	1959
19630039590	ANALYSIS OF A PHASE MODULATION COMMUNICATIONS SYSTEM	1959
19630039724	Velocity Increments Required to Reduce Target Miss on Coasting Trajectories	1959
19630039749	THE SPHERICAL CONTROL MOTOR FOR THREE AXIS ATTITUDE CONTROL OF SPACE VEHICLES	1959
19630039918	ASTRONAUTICS INFORMATION. SPACE INVESTIGATIONS - SELECTED TRANSLATIONS	1959
19630039993	The Sharp Edge Notch Tensile Strength of Several High-Strength Steel Sheet Alloys	1959
19630040634	NASA AND ACTIVITIES IN SPACE FOR PEACEFUL PURPOSES	1959
19630040637	INTERIM DEFINITIVE ORBIT FOR THE SATELLITE 1959-IOTA, EXPLORER VII FOR THE PERIOD FROM 1540 U.T. OCTOBER 13, 1959 TO 1139 U.T. NOVEMBER 11, 1959	1959
19630040639	UPPER-ATMOSPHERE STRUCTURE MEASUREMENTS	1959
19630040701	MODULATION BY RANDOM AND PSEUDO-RANDOM SEQUENCES	1959
19630040885	ORBITING ASTRONOMICAL OBSERVATORIES PROJECT BRIEFING	1959
19630041111	Research in Space Science. Special Report No. 30	1959
19630041284	IONOSPHERIC MEASUREMENTS USING ENVIRONMENTAL SAMPLING TECHNIQUES	1959
19630041693	Results of Pioneer I Flight	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630041781	The Challenge of Space Exploration, A Technical Introduction to Space	1959
19630041895	MULTIDIMENSIONAL LEAST-SQUARES CURVE FITTING AND SEPARATION OF VARIABLES	1959
19630041962	SCIENTIFIC RESULTS FROM THE EXPLORER SATELLITES AND THE PIONEER SPACE PROBES	1959
19630041967	PHOTOGRAPHIC AND TELEVISION EQUIPMENT AND TECHNIQUES ADAPTABLE TO SPACE FLIGHT	1959
19630042108	THE MOON PROBE PIONEER IV	1959
19630042132	SATELLITE LAUNCHING VEHICLE TRAJECTORIES	1959
19630042208	EFFECTS OF ACIDITY ON CELL DIVISION	1959
19630042229	Differential Expressions for Low-Eccentricity Geocentric Orbits. Astrodynamical Report No. 2	1959
19630042339	Latest Events in Space Flight, Stenographic Transcript	1959
19630042426	A THEORETICAL STUDY OF ABLATION SHIELD REQUIREMENTS FOR MANNED REENTRY VEHICLES	1959
19630042694	Micrometeorites, High Velocity Impact Studies, And Problems Of Space Travel Relating To Particle Impact, Astronautics Information	1959
19630042753	The Jet Propulsion Laboratory Method of Tracking Lunar Probes	1959
19630042885	ALLOWABLE POWERPLANT WEIGHTS FOR TYPICAL NUCLEAR ROCKET APPLICATIONS	1959
19630042956	The Sterilization of Space Vehicles to Prevent Extraterrestrial Biological Contamination	1959
19630042971	EXTRATERRESTRIAL RADIO TRACKING AND COMMUNICATION EXTERNAL PUBLICATION	1959
19630043173	FACTORS AFFECTING SHOCK WAVE NOISE OF SUPERSONIC AIRCRAFT	1959
19630043458	THE ENVIRONMENT OF A SATELLITE	1959
19630043462	SOFT RADIATION MEASUREMENTS ON EXPLORER VI EARTH SATELLITE	1959
19630043573	A LIGHT-WEIGHT ELECTROMECHANICAL THREE-AXIS STABILITY AUGMENTATION SYSTEM FOR HELICOPTERS FINAL ENGINEERING REPORT, JULY THROUGH DECEMBER 1959	1959
19630043596	SPECIFICATION FOR COLLECTING AND CONDITIONING SET - FLIGHT TEST DATA - MODEL G	1959
19630043619	STUDY AND INVESTIGATION OF COLLAR-LOCKED HEADED STRAIGHT PINS PHASE I	1959
19630043630	EVALUATION OF RESISTANCE STRAIN GAGES AT ELEVATED TEMPERATURES PROGRESS REPORT NO. 7	1959
19630043641	POST INJECTION ORBITAL TRACKING OF A GEO-STATIONARY SATELLITE	1959
19630043643	MEASURING THE RELIABILITY OF EQUIPMENTS IN OPERATING ENVIRONMENTS	1959
19630043645	NIOBIUM-STABILISEO CHROMIUM-MOLYBDENUM-VANADIUM STAINLESS-STEEL SHEET	1959
19630043647	FLIGHT TESTS TO DETERMINE THE COEFFICIENTS OF FRICTION BETWEEN AN AIRCRAFT TYRE AND VARIOUS WET RUNWAY SURFACES, PART I- PRELIMINARY INSTRUMENTATION-PROVING TRIALS AT WISLEY AIRFIELD	1959
19630043661	SPECIFICATION FOR RECORDING SET - FLIGHT TEST DATA-MODEL G	1959
19630043666	A UNIFIED INTERPRETATION OF ROOM TEMPERATURE STRENGTH OF NOTCHED SPECIMENS AS INFLUENCED BY THEIR SIZE	1959
19630043670	DYNAMICS OF A RIGID BODY WITH SIX DEGREES OF FREEDOM INCLUDING EFFECTS OF NONLINEAR AERODYNAMIC TERMS, AUTOMATIC CONTROL COMMAND, RAPIDLY VARYING MASS, EARTH ROTATION, AND EARTH OBLATENESS	1959
19630043672	INTERACTION BETWEEN COLUMBIUM CARBIDE AND COBALT	1959
19630043682	PITCH ROLL RESONANCE - WITH REFERENCE TO SKYLARK 21	1959
19630043687	THE DEVELOPMENT OF THE SAUNCERS-ROE HOVERCRAFT SRNL	1959
19630043693	NEUTRON AND GAMMA FLUX MAPPING AT THE RADIATION EFFECTS FACILITY	1959
19630043697	EVALUATION AND DEVELOPMENT OF EXTREME LOW TEMPERATURE INSULATING MATERIALS. SUMMARY TECHNICAL REPORT, 1 APR. 1957 - 30 JUN. 1958	1959
19630043730	MANUFACTURE OF A TITANIUM FRONT FRAME	1959
19630043737	MANUFACTURING METHODS FOR COLUMBIUM ALLOY SHEET, PHASE I STATE OF THE ART REPORT INTERIM REPORT I	1959
19630043758	SEASONAL AND UNCERTAIN VARIATIONS OF THE ROTATION OF THE EARTH	1959
19630043867	RESULTS OF THE FINAL TEARDOWN INSPECTION OF AN RB-47E CYCLIC LOAD TEST AIRPLANE	1959
19630043886	EVALUATION OF THE AN/FPS-16 /SYSTEM NR 1/ AT WHITE SANDS MISSILE RANGE	1959
19630043928	THE EFFECT OF GAMMA RADIATION FROM COBALT 60 ON THE MECHANICAL PROPERTIES OF AHH AND ARP DOUBLE-BASE SOLID PROPELLANTS	1959
19630043937	Proposal to NASA for the Thor-Delta Space Probe	1959
19630044190	[No Title]	1959
19630044191	JUPITER MISSILE AM-14 /JUNO II/. PROPULSION UNIT AND ASSOCIATED SYSTEMS /U/ FINAL FLIGHT REPORT	1959
19630044235	A THEORETICAL AND EXPERIMENTAL STUDY OF THE PHYSICAL PROPERTIES OF THE IONOSPHERE BY MEANS OF SATELLITE RADIO TRANSMISSIONS PROGRESS REPORT NO. 1, JULY 1 - DEC. 10, 1959	1959
19630044251	OUTER ATMOSPHERES OF THE EARTH AND PLANETS	1959
19630044258	FINAL HAZARDS SUMMARY, NASA PLUM BROOK REACTOR FACILITY, PART I	1959
19630044272	AN APPROXIMATE THEORY OF BASE PRESSURE IN TWO-DIMENSIONAL FLOW AT SUPERSONIC SPEEDS	1959
19630044274	COMMUNICATION EFFICIENCY COMPARISON OF SEVERAL COMMUNICATION SYSTEMS	1959
19630044309	LUNAR SOFT LANDING STUDY	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044333	1958 NASA/USAF SPACE PROBES /ABLE-1/, VOLUME I- SUMMARY FINAL REPORT	1959
19630044359	FINAL HAZARDS SUMMARY, NASA PLUM BROOK REACTOR FACILITY, PART III	1959
19630044379	DEVELOPMENT OF MULTIPLE RADIATION ZONES ON 18 OCTOBER 1959	1959
19630044401	MAGNETIC STORMS AND THE VAN ALLEN RADIATION BELTS- OBSERVATIONS FROM SATELLITE 1958 EPSILON /EXPLORER IV/	1959
19630044418	HISTORY OF THE USE OF BALLISTIC CAMERAS IN THE ABMA MISSILE PROGRAM	1959
19630044501	[No Title]	1959
19630044502	BUILDING BLOCK RADAR	1959
19630044524	STUDY OF APPLICATION OF SOLID BOOSTERS TO SPACE VEHICLES /U/ FINAL REPORT	1959
19630044551	Model Specification for Ground Support Equipment System, Project Vega, Atlantic Missile Range	1959
19630044574	Delta Monthly Technical Progress Report, Issue No. 8	1959
19630044576	Delta Lunar Probe Error Analysis Model DM-19	1959
19630044579	Data and Support Requirements for Delta Space Research Vehicle	1959
19630044591	DEVELOPMENT OF INTERIM WIND, WIND SHEAR, AND GUST DESIGN CRITERIA FOR VERTICALLY-RISING VEHICLES	1959
19630044597	Delta Monthly Technical Progress Report, Issue Number 6	1959
19630044614	STUDIES OF ROCKET-ENGINE PROPULSION SYSTEMS. VOLUME I - SUMMARY /U/ FINAL REPORT, 16 JUNE 1958 - 31 JULY 1959	1959
19630044617	DELTA MONTHLY TECHNICAL PROGRESS REPORT, ISSUE NUMBER 4	1959
19630044693	WEAPON SYSTEMS 315A AND 107A- AEROTHERMODYNAMIC ANALYSIS OF MARK 2 FLIGHT TEST DATA /U/ SUMMARY REPORT	1959
19630044714	APPENDIX AERONAUTICAL AND SPACE RESEARCH PROGRAM	1959
19630044737	ATTITUDE CONTROL SYSTEM FOR DEEP SPACE PROBE	1959
19630044784	SATURN SYSTEM STUDY	1959
19630044796	PRELIMINARY FLIGHT SAFETY DATA FOR THE MERCURY-REDSTONE PROJECT	1959
19630044823	[No Title]	1959
19630044852	TEST FLIGHT AM-19A	1959
19630044854	AN INTEGRATED COMMUNICATIONS AND NAVIGATION PLAN FOR THE AIR FORCE - UNTIL 1980 AND BEYOND, VOLUME I	1959
19630044866	Detailed Test Objectives for WS 107A-1: Atlas Able-4 [Revised Issue]	1959
19630044880	A COMPILATION OF MECHANICAL PROPERTIES OF MATERIALS AT CRYOGENIC TEMPERATURES	1959
19630044898	MONTHLY SUMMARY OF AOMC PROGRAMS IN SUPPORT OF ARPA	1959
19630044899	[No Title]	1959
19630044900	Monthly Summary of AOMC Programs in Support of ARPA and NASA, March 1959	1959
19630044901	Monthly Summary of AOMC Programs in Support of ARPA, April 1959	1959
19630044902	Monthly Summary of AOMC Programs in Support of ARPA and NASA, February 1959	1959
19630044945	PROJECT ABLE-4, DEEP-SPACE PROBE. DETAILED TEST OBJECTIVES	1959
19630044954	Vega Project Second-Stage Propulsion Monthly Report No. 8 Period Ending 18 November 1959	1959
19630044990	ERROR ANALYSIS FOR TRANSIT AND TIROS SATELLITES	1959
19630044999	Briefing On Research and Advanced Design for Large Rocket Engine	1959
19630045015	DELTA MONTHLY PROGRESS REPORT FOR MAY 1959	1959
19630045027	Preliminary Design Information for Saturn Second and Third Stages	1959
19630045032	VEGA PROJECT SECOND-STAGE PROPULSION MONTHLY REPORT NO. 7 PERIOD ENDING 18 OCTOBER 1959	1959
19630045034	Vega Quarterly Technical Summary Report Contract NASW-45	1959
19630045052	DELTA LUNAR PROBE CAPABILITIES	1959
19630045057	Delta Semi-annual Technical Progress Report, May - October 1959	1959
19630045070	PRELIMINARY PERFORMANCE FOR THE SCOUT	1959
19630045087	DELTA MONTHLY PROGRESS REPORT FOR JUNE 1959	1959
19630045094	BOMARC XYIM-99A TEST PHASE /U/ SUMMARY REPORT, AUG. 7, 1958 - APR. 21, 1959	1959
19630045132	AN ANALYTIC STUDY OF THE BLAST EFFECT OF AN ATLAS IN-FLIGHT EXPLOSION ON THE MERCURY CAPSULE	1959
19630045143	FINAL HAZARDS SUMMARY NASA PLUM BROOK REACTOR FACILITY, PART II	1959
19630045160	RADIATION LEVELS VERSUS GEOMAGNETIC LATITUDE AT 5,600 NAUTICAL MILES ABOVE SURFACE TECHNICAL REPORT	1959
19630045206	PRESENTATION TO NASA ON DOUGLAS AIRCRAFT COMPANY APPROACH TO SPACE EXPLORATION	1959
19630045212	MINUTES FOR NASA SYMPOSIUM ON ABL X248 MOTORS HELD AT ALLEGANY BALLISTICS LABORATORY, OCTOBER 28, 29, 1959	1959
19630045260	PRELIMINARY STUDY OF AN UNMANNED LUNAR SOFT LANDING VEHICLE /SCIENTIFIC APPLICATION/	1959
19630045350	TEN-YEAR PLAN	1959
19630045364	[No Title]	1959
19630045381	EXTRACTS FROM STUDIES ON SPACE BOOSTER SYSTEMS	1959
19630045432	Mars Probe Study /U/ Status Report	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630045435	SATURN VEHICLE TEAM /U/ <1959<	1959
19630045461	QUARTERLY PROGRESS REPORT OF ARMY SUPPORTING RESEARCH, JANUARY THROUGH MARCH 1959	1959
19630045503	Launching Field Manual for Redstone Missile	1959
19630045515	ON BOUNDARY LAYERS ASSOCIATED WITH OSCILLATING STREAMS	1959
19630045517	EPHEMERIS OF SATELLITE 1957 ALPHA 2	1959
19630045530	TEN-YEAR SUPPORTING-RESEARCH PROGRAM	1959
19640003155	A high sensitivity solid state light detector	1959
19640048708	Ferrite devices for receiving systems f report, 15 feb. 1962 - 14 jun. 1963 ferrite devices for receiving systems final report, 15 feb. 1962 - 14 jun. 1963	1959
19640048826	Sr-183 propulsion study final report, 14 nov. 1958 - 17 aug. 1959	1959
19640052404	First semiannual report to the congress, october 1, 1958 - march 31, 1959	1959
19640052508	The universe discloses its mysteries. the investigation of cosmic space with the help of rockets and satellites	1959
19640052613	A review of current and future activities in space	1959
19640052734	The contribution of william frederick durand to aeronautics	1959
19640052978	Inertial Guidance for Lunar Probes, Volume V- Numerical Analysis and Simulation Techniques	1959
19640052979	Inertial Guidance for Lunar Probes, Volume II- Fundamentals of Lunar Probe Trajectories	1959
19640053000	The Soviet Cosmic Rocket	1959
19640053038	Outstanding Contribution of Soviet Scientists in the Investigation of the Cosmos /Outer Space/	1959
19640053278	A Man in Space - A Dream Today - A Reality Tomorrow	1959
19640053360	Artificial earth satellites, results of scientific investigations obtained with the help of the third soviet artificial earth satellite	1959
19640053367	The critical crack length in pressurized, monocoque cylinders final report	1959
19640053487	Bridging the gap between injector hydraulics and combustion phenomena in liquid propellant rocket engines	1959
19640053532	Our perception about the earth widens. two years of planetary geophysical observations	1959
19640054864	Escape Rocket Capsule Model 133 Monthly Progress Report No. 6, 1 Aug. - 31 Aug. 1959	1959
19640056512	Meissner effect, penetration depth, and residual magnetism in superconductors literature search, jan. 1948 - jul. 1959	1959
19640056598	The thermal expansion of synthetic graphites at temperature intervals between 80 and 2000degf progress report no. 30-20	1959
19640056673	Prediction of Blocking in the Supersonic Wind Tunnel During an Attempted Start	1959
19640056686	Television System for a Soft-Landed Lunar Vehicle	1959
19640057194	Exploration of the moon, the planets, and interplanetary space	1959
19640057518	Some notes on attitude control of earth satellite vehicles	1959
19640057527	Plasma acceleration by use of guided micro- waves	1959
19640057922	Forces on Bodies of Revolution in Free Molecular Flow by the Newtonian-Diffuse Method	1959
19640058089	Theoretical predictions of the first maximum pitch and low drag bombs released from a3d aircraft in horizontal flight	1959
19640058104	Range safety plan for vanderberg air force base	1959
19640058135	Photography from the viking 12 rocket at altitudes ranging up to 143.5 miles progress report	1959
19640058153	Saturn base plate thermal radiative calculation procedures	1959
19640058163	The plug nozzle rocket engine final summary report, 30 jun. 1958-15 jan. 1959	1959
19640058183	Letter Report No. 6 for May 1959	1959
19640058184	Research on high-energy solid propellant components quarterly report, 1 apr.- 30 jun. 1959	1959
19640058212	Saturn report	1959
19640058255	Index and test results. part i- jupiter missile /juno ii/ am-19a firing test report	1959
19640058281	Lunar Exploration with Saturn-Boosted Systems Interim Technical Report	1959
19640058292	Lag in aircraft altitude measuring systems	1959
19640058314	Equatorial Patterns of an Axially Slotted Cylinder Coated with a Critically Dense Plasma	1959
19640058388	Weapon system 107 a-2- project able, phase ii flight test summary report	1959
19640058444	The ten year plan of the national aeronautics and space administration	1959
19640058450	Operation plan, project tiros	1959
19640058465	Research on high-energy solid propellant components quarterly report, 1 jul. - 30 sep. 1959	1959
19640058479	Jupiter Missile Juno II AM-16 Firing Test Report. Firing Site Weight Report, Part III	1959
19640058500	Monthly Letter Reports to the Advanced Research Projects Agency Report No. 10	1959
19640058511	Experimental Evaluation of Storable Liquid Propellants in Large Rocket Engines	1959
19640058521	Light sources for the simulation of solar radiation	1959
19640058551	Low Speed Wind Tunnel Test of a.20 Size Model of the Dynasoar Escape-Capsule to Obtain the Aerodynamic Characteristics during and after the Separation from the Aft Section of the Basic Vehicle. CVA Low Speed Wind Tunnel Test No. 65	1959
19640058552	Title of report is secret or undesignated, omitted	1959
19640058576	Optimum instrument presentation and panel arrangement for army rotary-wing aircraft final report	1959
19640058612	Afmtc instrumentation development /staff study/	1959
19640058622	History, organization, administrative procedures, reports of the materials advisory board	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640058634	General test plan for delta space research vehicle	1959
19640058642	Vega space vehicle system jpl general specification /second edition/	1959
19640058644	Vega project. second stage propulsion quarterly report no. 2, period ending september 18, 1959	1959
19640058659	Nasa f-1 engine program third quarterly progress report, 1 jul. - 30 sep. 1959	1959
19640058712	Lunar Terminal Guidance Techniques Study: Volume II Appendices F-N	1959
19640058734	Failure Isolation Study	1959
19640058771	Highlights of selected nasa space programs quarterly progress report no. 2, 1 apr. - 30 jun. 1959	1959
19640058772	Highlights of selected nasa space programs quarterly progress report no. 3, 1 jul. - 30 sep. 1959	1959
19640058773	Vega, informal monthly letter progress report	1959
19640058827	Lmsd satellite systems briefing. part iii- the midas program	1959
19640058848	Structural Design Criteria for the Atlas - Vega and Centaur Vehicles	1959
19640058877	Solid Solution Rocket Propellants	1959
19640058878	Solid Solution Rocket Propellants	1959
19640058879	Solid Solution Rocket Propellants	1959
19640058880	Solid Solution Rocket Propellants	1959
19640058883	Airborne geophysical instrumentation data handbook	1959
19640058886	Research on ntw or improved liquid propellants /fuels, oxidizers, monopropellants/ third quarterly report, 16 may - 15 aug. 1959	1959
19640058905	Heat image tube final report, jun. 23, 1958 - aug. 31, 1959	1959
19640058912	Development of self-generating propellant pressurization systems second quarterly report	1959
19640058928	Booster vehicle performance summary	1959
19640058966	Research on synthesis of high energy oxidizers first quarterly report, may 1 - jul. 31, 1959	1959
19640058970	Quarterly progress report no. 7, 1 may - 1 august, 1959	1959
19640059001	Thermoelectricity quarterly report no. i. ad- dendum	1959
19640059040	Building and testing of an ion drive	1959
19640059307	Project hef monthly progress report no. 59-5, may 1959	1959
19640059325	Detail model specification for dyna soar system, ds-i, glider	1959
19640059327	Ds-1 communication subsystem report	1959
19640059329	Dyna soar program	1959
19640059350	Dyna Soar Phase II New Materials Requirements, Model No. DS-I	1959
19640059352	AFMTC Test Facilities Plan	1959
19640059368	AFFTC Test Facilities Plan	1959
19640059371	Down Range Test Facilities Plan	1959
19640059388	DS-I Expendable Materials Requirements	1959
19640059390	DS-I Flight Control Performance Specification, Glider Booster	1959
19640059392	Ds-i data processing plan	1959
19640059415	DS-I Flight Control Performance Specification - Glider, Model No. 814-1050-1	1959
19640059447	Detail Model Specification for Dyna Soar System, DS-I, Booster, First Stage	1959
19640059457	Air launch flight test program ds-i	1959
19640059458	Ds-i glider propulsion system studies	1959
19640059468	[No Title]	1959
19640059546	Ds-i capsule nose cap coating	1959
19640059580	Ds-i leading edge development	1959
19640059581	Ds-i optional booster system, recoverable	1959
19640059582	Ground support system - ground launch flight, model ds-i, volume ii	1959
19640059583	Ds-i standard aircraft characteristics, model no. 814-1050-150	1959
19640059672	DS-I Ground Crew Training Program	1959
19640059673	DS-1 Ground Crew Training Equipment Requirements	1959
19640059675	Escape Rocket Capsule Model	1959
19640059676	Feasibility investigation of pincushion for radar systems, volume ii	1959
19640059680	Escape rocket capsule model 133, mc donnell aircraft corp. monthly progress report no. 1, 1 feb. - 1 apr. 1959	1959
19640059704	Escape rocket capsule model 133, mc donnell aircraft corp. monthly progress report no. 2, 1 - 30 apr. 1959	1959
19640059723	Materials advisory board report of the commit- tee on refractory metals, volume 1- summary	1959
19640059728	DS-I Flight Test Data Acquisition and Data Recovery System	1959
19640059731	Ds-i safety requirements	1959
19640059755	Insulation development applicable to hypersonic technology	1959
19640059762	Liquid oxidizers quarterly progress report 1 oct. -31 dec. 1959	1959
19640059763	Vega project second stage propulsion quarterly report no.1, 18 mar. - 18 jun. 1959	1959
19640059784	Glider performance and aerothermodynamics ds-1 aerodynamics report	1959
19640059786	Ds-1 airborne vehicle design summary	1959
19640059842	Ds-i ground cooperational communications system performance specification	1959
19640059843	Ds-i minuteman booster system structural report	1959
19640059845	Ds-1 phase i crew and equipment environmental control subsystems specification	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059846	DS-I Structural Design Criteria Specification - Glider	1959
19640059858	Analysis of wind tunnel aerodynamic heating and pressure tests at mach equal 9.6 on a series of generalized glider configurations	1959
19640059860	Ds-i stability and control characteristics in boost phase with minuteman boosters, model 814-1050-1	1959
19640059861	Dyna Soar System Reliability Analysis, Model DS-I	1959
19640059884	Aicbm program quarterly progress report, 1 jan. - 31 mar. 1959	1959
19640059904	Specification for transmitting set - flight test data - model g	1959
19640059922	Computation of the burnout velocity of a three stage rocket vehicle	1959
19640059929	Distribution of hydrometeors with altitude for missile design and performance studies	1959
19640059969	Ds-i minuteman boost system - booster performance	1959
19640059970	Recoverable booster for advanced dyna soar	1959
19640059972	Ds-1 geophysical environment - glider-boost-er	1959
19640059981	Shielding by aircraft cabin structures, ii, h-25 cabin study	1959
19640060025	DS-1-1 Communication Subsystem Performance Specification - Vehicle	1959
19640060026	Dynamic control analysis of crew compartment environment	1959
19640060027	Ds-i abort, escape, and destruct system description	1959
19640060028	Dyna soar environmental standards document	1959
19640060029	DS-1 reliability requirements	1959
19640060030	DS-I Dynamics Test Specifications and Test Data Reports	1959
19640060031	Dyna soar 1 nose cap design element tests	1959
19640060035	Materials requirements criteria for advanced design of the standing review of department of defense materials research and development program, section 1, volume ii	1959
19640060048	Feasibility investigation of pincushion for radar systems. volume i	1959
19640060054	Some fundamental considerations in the aerodynamic design of lifting vehicles for return from satellite orbit	1959
19640060062	Recoverable booster support system studies evaluation report of ardc-sr-89774	1959
19640060086	Ballistic missile defense technology program review, 3-14 august 1959, volume ii	1959
19640060097	Ds-i integrated guidance system	1959
19640060098	Comments on the air force critique of the boeing dyna soar proposal submitted in april 1959	1959
19640060099	Ds-i structural report - glider structure	1959
19640060130	Arnold engineering development center tunnel b-2 bac test no. 1. hypersonic stability and control tests on the p-3201-1 model to obtain design parameters data report	1959
19640060131	Ds-i weight and balance, booster and booster- glider combination	1959
19640060132	Ds-i weight and balance, glider	1959
19640060159	Behavior of refractory materials bi-monthly progress report, 15 oct. - 15 dec. 1959	1959
19640060164	Development of graphite and graphite base multicomponent materials for high temperature service progress report, 1 dec. 1958 - 31 jan. 1959	1959
19640060167	The effects of nuclear radiation on electronic components, phase 2 scientific report no. 4	1959
19640060169	The effects of nuclear radiation on electronic components, phase 2 scientific report no. 5	1959
19640060170	The effects of nuclear radiation on electronic components, phase 2 scientific reports no. 6	1959
19640060180	Ds-1 aerodynamics report- glider booster stability and control	1959
19640060181	Analysis of heat transfer and pressure distribution tests at mach equal 15-20 on a hypersonic research glider	1959
19640060183	DS-1 Aerodynamic Report - Glider Booster Performance	1959
19640060196	Aerodynamic influence coefficients for wings with supersonic leading and trailing edges and streamwise wing tips	1959
19640060217	Recoverable booster support systems evaluation report	1959
19640060226	Development of propellants capable of with- standing high temperatures- preliminary investigations	1959
19640060285	Static longitudinal stability and drag characteristics of a preliminary saturn - booster configuration at angles of attack up to 180 degrees	1959
19640060308	Performance tests and evaluation of silicon solar cells	1959
19640060314	The ignition of gas by the impact of light alloys on oxide-coated surfaces	1959
19640060338	Experimental measurement of the table impedance of a large electrodynamic shaker	1959
19640060341	Behavior of refractory materials bi-monthly progress report no. 3, 15 aug. - 15 oct. 1959	1959
19640060423	Human factor operational analysis - ds-i vehicle	1959
19650003086	Investigation of the aerodynamic characteristics of a 0.067-scale model of the x-15 airplane /configuration 3/ at mach numbers of 2.29, 2.98, and 4.65	1959
19650007056	A sampling theory for the human visual sense	1959
19650013475	Investigation of the aerodynamic characteristics of a 0.067-scale model of the x-15 airplane /configuration 2/ at mach numbers of 2.29, 2.98, 3.96, and 4.65	1959
19650063770	The effect of filter capacitors on interference characteristics of three-phase power supply networks technical report no. 9	1959
19650067587	Studies of high temperature reactions	1959
19650067588	Kinetics of the initial oxidation of niobium	1959
19650067589	High-temperature arc studies	1959
19650068918	Trajectory design methods publication no. 30-18	1959
19650069638	Upper-atmosphere structure measurements final report	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650069719	The Tensile Strength of Tungsten, Molybdenum, and Two Molybdenum Alloys at Very High Temperatures	1959
19650069911	The effect of earth's oblateness on the calculation of the impact point of ballistic missiles	1959
19650070016	Design of ion rockets and test facilities	1959
19650070040	Measurement of o2 concentration behind shock waves using an ultraviolet absorption technique	1959
19650070297	Light-weight television camera final progress report	1959
19650070613	Mass transfer, flow, and heat transfer about a rotating disk	1959
19650070673	On a simple relation of exact airfoil theory	1959
19650070779	Review of langley programs concerned with orientation in space	1959
19650070789	Resume of experiments conducted in the high- pressure shock tube of the gas dynamics laboratory at nasa	1959
19650070807	Temperature control in the explorer satellites and pioneer space probes	1959
19650070831	The zone melting of tungsten by electron bombardment	1959
19650070844	Incidence and deviation angle correlations for compressor cascades	1959
19650070845	The effectiveness of the transonic wind tunnel as a device for minimizing tunnel-boundary interference for model tests at transonic speeds	1959
19650070846	Condensation heat transfer on a horizontal cylinder	1959
19650070847	Application of variational methods to radiation heat transfer calculations	1959
19650070867	Stability and control of the aerial jeep	1959
19650070868	Experiments with rotating, 10-inch diameter externally pressurized air thrust bearings	1959
19650070869	Radiant heating for missile and aircraft structural testing	1959
19650070871	On the separation of boundary layers	1959
19650070874	Thermal radiation from a cylindrical enclosure with specified wall heat flux	1959
19650070875	Stability of liquid ozone in glass and in contact with various substances	1959
19650070877	Outline of the x-15 project	1959
19650070878	On a method for achieving satellite rendezvous	1959
19650070879	A photographic study of boiling in the absence of gravity	1959
19650070880	Heat transfer from a rotating disk to fluids of any prandtl number	1959
19650070882	A brief survey of direct energy conversion devices for possible space vehicle application	1959
19650070900	Interaction of the blast wave with wings. part ii- wave table studies	1959
19650070901	Pilot considerations in the x-15 research airplane program	1959
19650071091	Comments on the question of the existence of a lunar magnetic field	1959
19650071313	Space research	1959
19650071332	Fiber reinforced metallic composites	1959
19650071837	Experimental investigation of flame stabilization in a deflected jet	1959
19650072221	Piloted entries into the earth's atmosphere	1959
19650072233	Prerequisites for a model of nucleate boiling	1959
19650072726	A modified form of the mellin transform and its application to the optimum final value control problem	1959
19650072933	The Influence of Silicon Additions on Friction and Wear of Nickel Alloys at Temperatures to 1000 Degrees F	1959
19650072936	High-temperature friction and wear properties of bonded solid lubricant films containing lead monoxide	1959
19650073410	A method of describing miss distances for lunar and interplanetary trajectories	1959
19650073709	Experimental Flutter Investigation of Some Simple Models of a Boost-glide-vehicle Wing at Mach Numbers of 3.0 and 7.3	1959
19650075603	Interstation communications study for deep space instrument facilities	1959
19650075759	Neutron acoustodynamics	1959
19650076693	Preliminary specification for vega space- vehicle system	1959
19650077458	Soviet News Coverage of the Flight of the Second Cosmic Rocket Toward the Moon, September 13-20, 1959	1959
19650077610	Direct measurement of power spectra by an analog computer	1959
19650077628	Design modification study of the NASA Scout vehicle for Air Force 609-a system study no. 4	1959
19650077643	[No Title]	1959
19650077719	Production program plan- guidance and control equipment for minuteman	1959
19650077729	Bearing development applicable to hypersonic technology	1959
19650077742	The use of colored filter goggles for protection against flash blindness report no. 9	1959
19650077743	Measurement of spectral transmission characteristics of lrfg-58 goggles	1959
19650077790	Ds-1 structural design criteria-facilities and ground support equipment	1959
19650077791	Results of low-speed stability and control wind-tunnel tests of a hypersonic glider configuration, btwt 509	1959
19650077843	Dyna soar 1 nose cap design - element tests	1959
19650077845	Experimental investigation of monopropellant rocket reaction control systems	1959
19650077846	Ds-1 geophysical environment report-ground support	1959
19650077847	Requirements for launch complex facilities ds-1 flight test program	1959
19650077848	Ds-i ground support system. ground launch preflight. volume i- ground support systems specification /plan/	1959
19650077849	Ds-1 design criteria summary - facilities and ground support equipment	1959
19650077850	Launch complex facilities requirements for glider - ds-i flight test program	1959
19650077851	Ds-1 ground crew human factors study	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650077864	Dyna-soar program. dyna-soar 1 escape capsule qualification test program	1959
19650077875	Base drag analysis and test specification, btwt 501 and btwt 509, model ds-1	1959
19650077876	Dyna-soar i nose cap materials and tests	1959
19650077893	Physiological test program, ds-i	1959
19650077914	Dyna soar 1. phase 1- human engineering studies - flight crew	1959
19650078050	Specification for missile guidance set- vehicleborne	1959
19650078086	Astronautics Information Literature Search No. 143, Supplement	1959
19650078126	Bell accelerometer data	1959
19650078173	Landing gear performance specification, ds-1	1959
19650078190	Noise radiated from single and multi-engine tests of a rocket motor developing 500 pounds of thrust	1959
19650078193	Sr 183 lunar observatory. volume 4, rocket engine clustering final report	1959
19650078214	Non-metallic material properties applicable to hypersonic technology	1959
19650078224	A computer program for glide vehicle trajectory analysis	1959
19650078256	Semiannual program progress report, july - december 1959	1959
19650078260	Summary compilation of supersonic rain erosion results technical report, sep. 1952 - jun. 1958	1959
19650078292	Resource allocations and future weapon systems	1959
19650078311	A method of predicting power-on base drag, based on correlation of experimental data final report	1959
19650078361	Dyna-Soar Optional Booster System, Model DS-1	1959
19650078370	Ds-1, phase 1 crew and equipment environ- mental control subsystems report	1959
19650078381	[No Title]	1959
19650078422	Nasa 609a Space Research Program Monthly Production Status Report No. 2, 15 Oct. - 15 Nov. 1959	1959
19650078451	Bulletin of the first meeting of the joint army-navy-air force liquid propellant group, new orleans, 3-5 november 1959. volume ii- propellant research and development	1959
19650078467	Ds-i structural design criteria, airborne vehicle, booster phase, model ds-1	1959
19650078499	A u. s. army study for the establishment of a lunar military outpost, phase i. volume i- summary	1959
19650078544	Technique for compensating for gyro drift for centaur inertial guidance system customer engineering letter no. 7152-a-3	1959
19650078569	History of Ordnance Research at the Jet Propulsion Laboratory, 1 January 1957 Through 31 December 1958	1959
19650078646	Lo2/Lh2 Investigations and Program, Part 2 Summary Report	1959
19650078674	The explosive potential of liquid oxygen and rp-1 missiles	1959
19650078784	Bulletin of the first meeting of the joint army-navy-air force liquid propellant group. volume iii- rocket engine research and development	1959
19650078865	The Aerodynamic Damping of Manned and Ballistic Reentry Bodies	1959
19650078927	Thermal stability of 90 percent hydrogen peroxide quarterly progress report no. 10, apr. - jun. 1959	1959
19650078985	Analytical methods for the determination of aircraft response to nuclear blasts	1959
19650078990	Absolute intensity of non-equilibrium radiation in air research note 175	1959
19650079077	The fatigue strength of lugs	1959
19650079162	Supplement to proceedings of the symposium on fatigue of aircraft structures	1959
19650079195	Some instability problems with re-entry shapes	1959
19650079203	Functional Description of the Vega Vehicle System	1959
19650079208	Studies of the flow characteristics and performance of multi-nozzle rocket exhaust	1959
19650079306	Solar and terrestrial observations during the mogel-dellinger effect /sid/ on 19 november 1949	1959
19650079420	Application of the water surface wave analogy in visualizing the wave pattern of a number of primary and secondary body combinations in supersonic flow	1959
19650079439	Performance characteristics of extended skirt parachutes	1959
19650079440	A transducer for the measurement of small pressure differentials on parachute canopies	1959
19650079441	Preformance of trailing aerodynamic decelerators at high dynamic pressures. part iii- wind tunnel testing of rigid and flexible parachute models	1959
19650079487	Long-term exposure effects of typical storable propellants on various materials	1959
19650079488	The influence of solar flares on the ionospheric e-layer	1959
19650079516	The effective, noon recombination-coefficient of the f2 layer deduced from critical frequency measurements during the mogel-dellinger effect on 19 november 1949	1959
19650079731	Thrust fluctuation characteristics of xlr 87-aj-1 and xlr 91-aj-1 engines on test stands	1959
19650079732	Summary of atlas series b vibration studies	1959
19650079778	Performance of several ear protectors	1959
19650079861	Method for isolating the flame effect in signal strength records	1959
19650079988	The effect of the rocket motor exhaust on radio signals	1959
19650080056	Toward a Rationale for a National Space Program	1959
19650080134	A Preliminary Study of the ABMA Saturn System Upper Stage Configurations	1959
19650080175	Combustion instability in liquid propellant rocket motors twenty-eighth quarterly progress report, 1 feb. - 30 apr. 1959	1959
19650080195	Two-dimensional tests on two 9 per cent thick aerofoils at high subsonic speeds - part ii, /results for model i/	1959
19650080233	High-velocity impact cushioning. part v- energy-absorption characteristics of paper honeycomb	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080250	Magikey for digital communication	1959
19650080294	The modification of the lower ionosphere by ground based radio transmitters	1959
19650080298	Theoretical and experimental performance of new hydrazine base propellants	1959
19650080309	High performance storable liquid propellants final report, 1 jun. 1958 - 31 may 1959	1959
19650080310	Analysis of the performance of the rocket engine propulsion system during the flight of thor missile 140	1959
19650080316	Analysis of the performance of the rocket engine propulsion system during the flight of thor missile 149	1959
19650080347	Investigation of ionospheric and tropospheric noise final report	1959
19650080354	SR183 Lunar Observatory, Volume 7: Final Report	1959
19650080417	Minipower thrust motors bibliography	1959
19650080420	Satellite attitude control. special bibliography	1959
19650080476	Feasibility study of flight capsule based on the f80-1 configuration	1959
19650080545	The discoverer program. lmsd satellite systems briefing, part i	1959
19650080555	Analysis report of stability and control data of hypersonic glider configurations, bswt 025 and btwt 496	1959
19650080572	The onset of laminar natural convection in a fluid with homogeneously distributed heat sources	1959
19650080576	Effect of electromagnetic fields on gravitational stability of a viscous fluid	1959
19650080587	Fall of small particles in the upper atmosphere	1959
19650080609	Proposed applications of linearized theoretical formulae to general mechanized calculations for oscillating wings at supersonic speeds	1959
19650080707	Interaction of ablation, material, and certain trajectory parameters in the thermal protection design of space re-entry vehicles	1959
19650080933	Contractor reports digest and bulletin, volume i, number 5	1959
19650080966	Exact inviscid incompressible flow theory of static peripheral jets in proximity to the ground	1959
19650080991	Behavioral and physiological effects of exposure to a simulated juno ii acceleration pattern	1959
19650081094	Paper-plastic dielectric, metallized construction, hermetically sealed in metallic case	1959
19650081111	Strengths of structural adhesives at temperatures down to minus 424 deg f technical report, may 1958 - jul. 1959	1959
19650081198	Low temperature device development program final report	1959
19650081254	A method for measuring magnetic fields in superconductors	1959
19650081288	Control Feed-Back Flutter Analysis Saturn 3, 4 (Atlas Second Stage) Using Edcliff Angle-Of-Attack Meter for Alpha Control	1959
19650081293	Contractor reports digest and bulletin, volume 1, no. 2, january 1959	1959
19650081294	Anip, subic, suric contractor reports digest and bulletin, volume 1, no. 3	1959
19650081295	Contractor reports digest and bulletin, volume 1, no. 4, may 1959	1959
19650081349	Static test firing of third-stage minuteman engine 37tw-7 final report	1959
19650081356	Preliminary Investigation of Natural Bending Modes: Juno V	1959
19650081401	[No Title]	1959
19650081477	Recent work in hypersonic propulsion at the applied physics laboratory, the johns hopkins university	1959
19650081487	A recoverable interplanetary space probe. volume v- preliminary program plan and budgetary planning estimate	1959
19650081500	Nuclear powered ramjets	1959
19650081984	Preliminary development of telemetry for aeroballistic ranges	1959
19650082005	Subic, marine powerplant simulation- basic model	1959
19650082630	Design information report for the ma-2 propulsion system	1959
19650082644	Heat-transfer studies final report	1959
19650082666	Closed ecological research program	1959
19650082674	The Vega Program	1959
19650082677	A Preliminary Study of Unsymmetrical Dimethylhydrazine as a Monopropellant Progress Report No. 30-1	1959
19650082753	The design and operation of a thulium isotope heated thermionic converter system	1959
19650082889	Effect of night sky backgrounds on optical measurements final report	1959
19650082944	Discoverer, sentry, midas. satellite development programs syllabus	1959
19660010443	Aerodynamic Characteristics of Three Versions of a Supersonic Airplane Model with a 45 Deg Sweptback Midwing at Mach Numbers of 1.57 and 2.01	1959
19660024813	Effects of Components and Various Modifications on the Drag and the Static Stability and Control Characteristics of a 42 Deg Swept-Wing Fighter-Airplane Model at Mach Numbers of 1.60 to 2.50	1959
19660080560	Astronautics information - investigators of the stratosphere. flights of meteorological rockets	1959
19660080561	Astronautics information - four russian scientists discuss their discoveries in cosmos	1959
19660080564	Astronautics information - lunik iii. soviet news coverage of the launching of the third soviet cosmic rocket, october 4-30, 1959	1959
19660080725	A note on the optimal depletion of inventory	1959
19660082356	Thermal annealing of radiation damaged silicon. i - electron radiation	1959
19660083136	Investigation of third order nonlinear control systems status report no. 5, 12 sep. - 11 dec. 1959	1959
19660083137	Investigation of third order nonlinear control systems status report no. 4, 11 jun. - 11 sep. 1959	1959
19660084286	Investigation of possible satellite position-sensing methods	1959
19660086418	On finite integral transforms built upon incomplete sets of eigenfunctions	1959
19660086807	Ventilated flow with hydrofoils	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088432	The nation's activities and accomplishments in the aeronautics and space fields	1959
19660088452	Statistics of the nocturnal abnormal e-layer	1959
19660088514	Report on phase i of the feasibility committee for 200,000 foot altitude instrumented hasp	1959
19660088550	Reports on space medicine - 1958	1959
19660088578	Survey of the present status of research on wake flows	1959
19660088589	Aeroballistics evaluation of test flight jupiter c 49	1959
19660088590	Survey of future requirements and capabilities of ballistic missile and space vehicle auxiliary power systems. part ii - ballistic missile systems, sda-59-2	1959
19660088614	Extended Mercury Blast Analysis: Ground-Level Detonation	1959
19660088618	Atlas AMR Flight Test Trajectory No. Xi	1959
19660088623	Semiannual technical program report	1959
19660088631	Wind tunnel force tests on darts with slightly-swept low-aspect-ratio arms and darts with annular rings at a mach number of 8.07	1959
19660088633	Preliminary three-component static force and pressure tests of series iv-1 configuration. nsl test no. 347. part ii - pressure tests	1959
19660088641	Summary of the state of the art of hot-gas servo actuator design	1959
19660088677	An investigation of the ablation characteristics of slender cones of various materials in the chicago midway laboratories arc-jet facility	1959
19660088712	An Analytic Study of the Blast Effect of an Atlas In-Flight Explosion on the Mercury Capsule	1959
19660088810	Comparative performance of hypersonic ram-jets using subsonic and supersonic combustion	1959
19660088843	The meteoroid hazard to space travel	1959
19660088850	In-flight base heating and base pressures preliminary data report	1959
19660088872	Hyperthermal research tunnel development and transport property measurements, phase ii third bimonthly status report, 15 oct. - 15 dec. 1959	1959
19660088894	Surface temperature of ablating teflon model dm-15	1959
19660088899	Flight test progress report no. 29 for x-15 research airplane	1959
19660088901	Vega Program Second Stage Propulsion X405h Rocket Engine	1959
19660088902	Thor Delta NASA Space Probe Capabilities	1959
19660088904	Studies of Use of the Scout as a Booster Vehicle for Lunar Exploration	1959
19660088906	Feasibility Study of a High Mass-ratio Motor Monthly Progress Report No. 1, 1-30 Jun. 1959	1959
19660088986	Transactions of the Fourth Symposium on Ballistic Missile and Space Technology, Volume 3. Preliminary Design, Space Vehicles and Aerodynamics	1959
19660089001	Dyna-soar sse mockup	1959
19660089019	Correlation of wind tunnel and flight test data on the air induction system of the f-104 aircraft	1959
19660089054	A Terminal Guidance System for Soft Lunar Landing	1959
19660089075	Thermal analysis of selected materials for rocket nozzle application	1959
19660089106	Semiannual technical program report, volume i	1959
19660089131	Transactions of the fourth symposium on ballistic missile and space technology, 24 - 27 august 1959, volume i	1959
19660089135	The nuclear/chemical pulse reaction propulsion project status report no. 3	1959
19660089137	Project orion technical monthly progress report /status report no. 8/, feb. 1959	1959
19660089142	Propulsion Group Development Report	1959
19660089170	Feasibility study of a nuclear-pulse-propelled space vehicle supplement to interim annual report /final report/, 1 jun. - 15 sep. 1959	1959
19660089171	Feasibility study of a nuclear-bomb-propelled space vehicle status report no. 11	1959
19660089172	Feasibility study of a nuclear-bomb-propelled space vehicle status report no. 10	1959
19660089173	The nuclear/chemical pulse reaction propulsion project status report no. 1	1959
19660089175	Feasibility study of a nuclear-bomb-propelled space vehicle interim annual report, 1 jul. 1958 - 1 jun. 1959	1959
19660089176	The nuclear/chemical pulse reaction propulsion project first semiannual report, 16 sep. - 31 dec. 1959	1959
19660089177	Feasibility study of a nuclear-bomb-propelled space vehicle quarterly report no. 3, 1 jan. - / apr. 1959	1959
19660089178	Feasibility study of a nuclear-bomb- propelled space vehicle status report no. 13	1959
19660089179	Feasibility study of a nuclear-bomb- propelled space vehicle status report no. 14	1959
19660089181	The nuclear/chemical pulse reaction propulsion project status report no. 2	1959
19660089184	A feasibility study of a nuclear-bomb- propelled space vehicle	1959
19660089221	Proceedings of first meeting janaf thermochemical panel, addendum 1	1959
19660089272	Missile hydraulic actuation power supplies	1959
19660089279	Missile hydraulic actuation power supplies	1959
19660089283	Investigation of a low-thrust plasma propulsion device quarterly progress report, oct. - 20 dec. 1959	1959
19660089289	Investigation of heat vibrations in solids by using x-rays annual report, 1 feb. 1958 - 31 jan. 1959	1959
19660089335	Sr 183 lunar observatory, volume 1	1959
19660089374	Sequence of computation and numerical example to be used in conjunction with reduction of ballistic camera plates, volume ii	1959
19660089389	Measurement of the surface temperature of ablating quartz	1959
19660089462	Static longitudinal stability characteristics of several pershing missile configurations at transonic speeds preliminary report	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089468	Nasa f-1 engine program quarterly progress report, period ending 31 mar. 1959	1959
19660089469	Nasa f-1 engine program quarterly progress report no. 2, 1 apr. - 30 jun. 1959	1959
19660089528	Guidance antennas for the titan ws 107a-2 missile - patterns of production horn antennas	1959
19660089577	Sr 183 lunar observatory. volume 6 - fuel manufacture final report	1959
19660089594	Aerodynamic dimensional data for the b-70 primary air vehicle b-70 weapon system	1959
19660089596	Sr-178 global surveillance system, volume 1 final report	1959
19660089608	[No Title]	1959
19660089642	Flight test evaluation report - missile 10b	1959
19660089661	Analysis and wind tunnel investigation of some ram tunnel operating characteristics	1959
19660089673	A preliminary engineering evaluation of advanced space propulsion systems. volume i- generalized propulsion system analysis and mission requirements	1959
19660089674	A preliminary engineering evaluation of advanced space propulsion systems. volume ii- components and system evaluation	1959
19660089703	An investigation of some problems connected with the handling of liquid hydrogen technical memorandum no. 63 /final/	1959
19660089727	Model a3j-1 airplanes, naa model no. na-247 demonstration progress report	1959
19660089820	Aeroballistics evaluation of jupiter test flight am-14	1959
19660089823	Aeroballistics evaluation of jupiter test flight am-11	1959
19660089898	Transit/tiros third stage support strength allowable test engineering report, model dm1812-2	1959
19660089899	Transit/tiros structural and thermal integrity test of third stage fairing engineering report, dm1812-2	1959
19660089900	Strength and dynamics test of 5787508 rack assembly engineering test report, model dm1812-2	1959
19660089901	Shear and bending test of shotput fairing engineering test report, model dm-19	1959
19660089902	Strength test of payload support - project thor - transit/tiros	1959
19660089909	Analysis of canopy drag characteristics of the .06-scale b-70 forebody model at mach numbers of 1.99, 2.46, 2.94 in the n.a.a. trisonic wind tunnel	1959
19660089924	Elevated temperature tests on the am-16 shroud support and heat shield assembly	1959
19660089926	Structural Vibration Tests of Juno II Missile Configurations AM-16 and AM-19B	1959
19660089929	Jupiter Missile AM-11 /Juno II/ Thermal Environment Analysis Unit Systems Report, Temperature and Pressure Control Systems for Guidance and Control Equipment and Cover Unit Assembly Skin Temperature Data	1959
19660089940	Analysis of aerodynamic characteristics of the b-70 airframe .03 scale model ii at low speed in the north american aerodynamic laboratory	1959
19660089953	Compilation of power-off base drag data and empirical methods for predicting power-off base drag	1959
19660089983	Space System Development Plan, Interplanetary Probe /able-4/	1959
19660090026	Exact near field and far field solution for the back-scattering of a pulse from a perfectly conducting sphere. studies in radar cross sections 33	1959
19660090053	Delta Monthly Progress Report for the Month of July 1959	1959
19660090080	Delta Monthly Technical Progress Report	1959
19660090333	The cladding and welding of stainless steel to molybdenum and niobium	1959
19660090534	Performance tests on two strain gage pressure transducers	1959
19660090535	Performance tests on two servo accelerometers	1959
19660090545	Proceedings of the air force-navy-industry lubricants conference	1959
19660090699	Analogs of yuma terrain in the mexican desert	1959
19660090752	Detailed Test Objectives Project Able-4, Deep-Space Probe	1959
19660090757	Acoustical and vibration study of xm51 /tx131/ rocket motor special report	1959
19660090787	Materials advisory board report of the committee on refractory metals. volume 1 - summary	1959
19660090792	High-velocity impact cushioning. part iv - the effect of moisture content and impact velocity on energy-absorption characteristics of paper honeycomb	1959
19660090844	Delta monthly administrative progress report, november 1959	1959
19660090845	Distribution of aerodynamic loads on the atlas able-4	1959
19660090930	Jupiter missile cm-21 thermal environment analysis unit systems report. temperature and pressure control systems, special measurements, and skin temperature data	1959
19660090939	Wind tunnel results of static stability investigation of pershing experimental shapes from mach .40 - 3.89 sections a - b	1959
19660091102	The burning to detonation of solid explosives. part 1. ionisation probe studies in confined channels	1959
19660091124	Report of the task group on team functions	1959
19660091132	Design and use of man machine systems	1959
19660091134	Bio-astronautics - an astia report bibliography	1959
19660091247	A study of circuit parameters for a transistorized swimmers portable acoustic torch	1959
19660091305	Refractory metals structural development program, volume i quarterly progress report no. 1, 1 jan. - 31 aug. 1959	1959
19660091379	Report on evaluation of the airborne star scintillator for jet stream detection	1959
19660091402	A novel thermochemical approach to high impulse	1959
19660091421	Calmec oxidizer vent and relief valve performance and icing tests	1959
19660091482	Optics and photometry of ultrasonic light modulator	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091490	Estimated Performance and Drag Substantiation Report for the B-70 Primary Air Vehicle	1959
19660091543	[No Title]	1959
19660091556	High energy propellant program final report	1959
19660091602	Laboratory evaluation of the aural landing speed system	1959
19660091608	Proceedings of the fourth national conference on tube techniques	1959
19660091695	Air force evaluation of the mb-3 liquid rocket engine	1959
19660091696	One-third scale task silo launcher development project ws 133a /minuteman/	1959
19660091706	High performance solid rocket propellants technical progress summary, 11 jun. 1956 - 31 oct. 1959	1959
19660091715	Inertial systems for asm final report, 1 nov. - 19 dec. 1958	1959
19660091723	The aural landing speed system as an aid in mirror approaches final report	1959
19660091731	Synthesis and evaluation of high energy liquid oxidizers second quarterly technical report, apr. 1 - jun. 30, 1959	1959
19660091735	Research on light metal containing high energy fuels and complex high energy oxidizers quarterly report no. 1, may - jul. 1959	1959
19660091738	Detailed test objectives, project able-3, earth satellite	1959
19660091768	Visible and infrared radiation measurements of the plumes of thiokol r and d motors	1959
19660092467	Xsm-65 series d/aig and series e autopilot	1959
19660092469	Process development division quarterly technical progress report, 1 aug. - 31 oct. 1959	1959
19660093126	Silo launcher development flame deflector development	1959
19660093264	Final revised information concerning missile no. 19b - juno ii /naca balloon satellite/	1959
19660093598	Evaluation of experimental polymers	1959
19660093615	An experimental investigation of the effects of heat transfer during changing and blowdown of single gas receivers	1959
19670022201	Principal Results from Wind-Tunnel Stability Tests of Several Proposed Space Capsule Models Up To an Angle of Attack of 33 Degrees	1959
19670022405	Effect of nozzle inlet geometry on performance of a swiveled convergent-divergent nozzle	1959
19670022495	The Surface Coolant Requirements of Hypersonic Gliders	1959
19670022631	An Experimental Pressure-Distribution Investigation of Interference Effects Produced at a Mach Number of 3.11 by Wedge- Shaped Bodies Located Under a Triangular Wing	1959
19670022639	Span Loadings and Aerodynamic Characteristics for a Series of Tip and Trailing-edge Controls on a 60 Deg Delta Wing at Mach Numbers of 1.61 and 2.01	1959
19670022805	Heat-transfer and pressure measurements on a concave-nose cylinder for Mach number range of 2.49 to 4.44	1959
19670067055	The effect of variation of the width of the base region on the radiation tolerance of silicon diodes	1959
19670084164	Investigators of the stratosphere - flights of meteorological rockets	1959
19670084166	Turbopumps for high-energy propellants	1959
19670086490	About the final velocity of rockets	1959
19670087842	Report on Activities at the NASA, Lewis Research Center	1959
19670087843	Report on Activities at the NASA, Lewis Research Center	1959
19670087844	Report on Activities at the NASA, Lewis Research Center	1959
19670087845	Report on Activities at the NASA, Lewis Research Center	1959
19670087846	Report on Activities at the NASA, Lewis Research Center	1959
19670087855	Project Able-3 Final Mission Report, Volume 1	1959
19670087962	Testing of pem fasteners /revised s platform type/	1959
19670087995	Thermodynamic properties of some diatomic and linear polyatomic molecules	1959
19670088033	Comparison of the surface roughness of the recovered thor-able nose cone with theoretical predictions	1959
19670088172	Oxidation of niobium technical report, apr. 1, 1958 - mar. 31, 1959	1959
19670088401	Wind tunnel tests on differential pressure probes for the measurement of angles of incidence and yaw speeds up to m 2.5	1959
19670088449	Relaxation effects in a maser material, k3 /cochr/cn/6	1959
19670088477	E-1 engine program	1959
19670088478	A2f-1 aerodynamic stability and control status report no. iii	1959
19670088479	Appendix to a2f-1 aerodynamic status report no. 3	1959
19670088679	Study of atmospheric parameter measurements at supersonic speeds and high altitudes quarterly report, 1 apr. - 1 jul. 1959	1959
19670088680	Effect of profile and length on the efficiency of pump diffusers	1959
19670088973	Visibility on radar screens - the effect of scope brightness and range	1959
19670089722	Handbook of instructions for aircraft designers. volume i - piloted aircraft	1959
19670089767	Design data sheets for flat grillages under uniform pressure	1959
19670089972	Tx-33-32 rocket motor. static test of motor no. 62 conducted on september 8, 1959	1959
19670090072	Projects transit and tiros system specification and data book	1959
19670090144	A study of improved thrust chamber cooling methods final report	1959
19670090149	Attitude control of satellites using integrating gyros	1959
19670090277	Summary of dovap reductions for spaerobee rocket aa 10.01	1959
19670090346	Thermal radiation characteristics of b-70 weapon system	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090371	Assembly procedures for nike-cajun rockets upper atmosphere research report no. ix	1959
19670090461	The zero crossing problem	1959
19670090479	Research on solar ultraviolet radiation quarterly status report, 1 aug. - 1 nov. 1959	1959
19670090524	On the inertial lag of tobacco smoke particles and the effect of small orifices on shock tube flows	1959
19670090584	A direct direction-doppler slant-range determination technique for orbiting space vehicles	1959
19670090814	A High Speed Wind Tunnel Test of a.075 Size DynaSoar Model Investigating Aerodynamic Characteristics during and after Separation from the Basic Vehicle at Mach Numbers 1.6, 3.0, and 4.4	1959
19670091110	[No Title]	1959
19670091221	Environmental evaluation test of the triplex sphere assembly, part no. 80-59983	1959
19670091223	Speech analysis final report, 15 jan. 1958 - 31 aug. 1959	1959
19670091246	Optimization of a conical radiator for snap 2	1959
19670091925	F8u-s aerodynamic summary	1959
19670092186	A theory of the separated flow from the curved leading edge of a slender wing	1959
19670092189	Studies in radar cross sections xxxvi - diffraction of a plane wave by an almost circular cylinder	1959
19670092190	A recovery system for the skylark instrument head	1959
19670093111	Studies in radar cross sections xxxiv - an infinite legendre integral transform and its inverse	1959
19670093238	Dynamic visual acuity in an applied setting	1959
19670093306	Tabulated neutron cross sections, part i	1959
19670093516	A feasibility study of techniques for measuring and predicting the state of the art	1959
19670093649	B-70 weapon system fire safety naa model na-259 progress report, 1 jan. 1958 - 1 mar. 1959	1959
19670093689	Missiles growth - reconnaissance systems studies	1959
19670093731	lbm 704 program aab-1, for estimation of heat transfer coefficient and temperature distribution normal to the surface of cones, flat plates and spherically blunted cones	1959
19670093748	Proceedings of the fourth annual aeroballistics committee symposium	1959
19670093756	Results of Six-Component, Wind-Tunnel, Static Force Measurements at Mach Numbers from 2.5 to 3.5 on a 0.03-Scale Model of a Development Version of the North American B-70 Airplane (Coord. No. AF-AM-158)	1959
19670093818	Orbital, rendezvous, and point-to-point velocity transfers	1959
19670093877	Development of a rocket motor propellant charge and igniter for the shillelagh missile system progress report, 21 nov. - 20 dec. 1959	1959
19670094041	Equipment and techniques for the utilization of convergent photography in mapping	1959
19670094044	Attenuation of electromagnetic radiation by sea water	1959
19670094379	High temperature one gallon fuel tank auto-ignition tests	1959
19670094456	Equipment procurement specification ballistic stabilization boom - aircrew encapsulated seat	1959
19670094457	Service procurement specification seals, 65 f to plus 450 f, hydraulic rod	1959
19670094866	Study and investigation of specialized electro-acoustic transducers for voice communication in aircraft, appendices 1-6 final report	1959
19670094914	Corona formation and effects. applicable to the b70 air vehicle	1959
19670095262	An analysis of solar energy utilization, volume i	1959
19670095274	Techniques for determination of material and structural element allowables - minuteman	1959
19670095429	Research on speech synthesis final report, 1 mar. 1958 - 31 oct. 1959	1959
19670095591	Survey of some beam-plasma instabilities	1959
19670095615	[No Title]	1959
19670095758	Analysis of Wind Tunnel Tests at Mach 6 to Determine Heat Transfer Coefficients	1959
19670095785	Analysis of wind tunnel heat transfer tests at m equals 6	1959
19670095798	Submarine hemispherical search detector final report	1959
19670095970	Chromium plating, hard, thin process specification	1959
19670096078	The effect of propellant weight fraction on stage performance	1959
19670096317	Deflections of the vertical at high altitudes	1959
19670096332	Ultrasonic equipment for inspection of bonded sheet metal aircraft components final engineering report, 15 feb. 1956 - 31 may 1959	1959
19670096415	Experimental assessment of beam parameters for a blind approach guidance system for helicopters	1959
19670096473	Proceedings of symposium on the plasma sheath, volume i	1959
19670096474	Methods of approximating the ion field surrounding advanced missiles	1959
19670096475	Relaxation phenomena in shock fronts - a review	1959
19670096476	Radio frequency radiation from hypersonic plasmas with impressed oscillating electric fields	1959
19670096477	Properties of electromagnetic waves in a plasma with an inhomogeneous electron density	1959
19670096478	Peculiar wave propagation characteristics of a plasma with magnetic field	1959
19670096479	Non-linear modeling of maxwell's equations	1959
19670096480	The region behind a body moving through a rarified atmosphere	1959
19670096481	Experimental investigation of the effects of a hypersonic environment upon electromagnetic radiation	1959
19680071721	Atmospheric Acoustics Final Report	1959
19680073956	A coherent minimum-power lunar-probe telemetry system	1959
19680085288	Charts for determining skin-friction coefficients on smooth and on rough flat plates at mach numbers up to 5.0 with and without heat transfer	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085511	Comparison between theory and flight ablation data	1959
19680085614	Theoretical values of inadvertent speed increases for high-speed aeroplanes	1959
19680085615	Mercury Project Trajectory Outlay Studies of Redstone-Based Flights	1959
19680085770	Considerations affecting satellite and space probe research with particular emphasis on scout as a launch vehicle	1959
19680086106	Mean absorption coefficients of air, nitrogen, and oxygen from 22,000 deg to 220,000 deg	1959
19680086360	Interaction of a fast electron beam with a transverse electromagnetic wave in the presence of a quasi-neutral plasma	1959
19680086368	The welding of titanium and titanium alloys	1959
19680087327	Addition reactions of 1-methyl-5- vinyltetrazole	1959
19680087328	Transonic and supersonic flutter model tests of low aspect ratio unswept all-movable stabilizers	1959
19680087392	Development of a numerical procedure for the determination of flutter characteristics of low-aspect-ratio wings	1959
19680087438	Unsteady supercavitating flows	1959
19680087453	Multiplier phototube - secondary emission characteristics	1959
19680087459	On the relative importance of time sharing at central and peripheral levels	1959
19680088052	[No Title]	1959
19680088053	Ephemeris data /u/	1959
19680088098	Development and evaluation of insulating type ceramic coatings /u/ technical report, 1 mar. 1958 - 28 feb. 1959	1959
19680088294	Shock spectra and design shock spectra	1959
19680088704	Rigid body trajectory analysis program	1959
19680088713	Use of perforated walls for shock cancellation at supersonic speeds	1959
19680088867	Development of nondestructive tests for structural adhesives bonds technical report, 15 dec. 1957 - 15 may 1959	1959
19680089118	Evaluation of propellant density and specific impulse /u/	1959
19680089207	A study of burning rate control for solid propellants /u/ quarterly report, 1 aug. - 31 oct. 1959	1959
19680089208	A study of burning rate control for solid propellants /u/ quarterly report, 1 may - 31 jul. 1959	1959
19680089301	Fracture studies on composite solid propellants	1959
19680089302	Torsion testing of solid propellants	1959
19680089303	Determination of hydrostatic compressibility of solid rocket motor components	1959
19680089304	Measurement of triaxial strains from hydrostatic stress	1959
19680089309	An evaluation of the applicability of various stress-strain equations to resins and propellants /u/	1959
19680089310	Two apparatuses for investigating elastomers - 1. relaxometer 2. vapor pressure apparatus	1959
19680089313	The rheology of suspensions. the effect of particle-size distribution on viscosity	1959
19680089314	Failure criteria for rate sensitive polymers	1959
19680089331	Mobile army air transport study, volume 1 /u/ final report	1959
19680089439	Manned targets for unguided missile testing /u/	1959
19680089525	A non-linear non-steady aerothermochemical analysis of combustion instability in a rocket chamber	1959
19680090580	Elements of cascade flow	1959
19680090582	Application of boundary layer theory in turbomachinery	1959
19680090777	Helium pressure buildup in snap 3	1959
19680091187	A systematic approach to human engineering analysis	1959
19680091243	An outline of human engineering variables in the design of space vehicles	1959
19680091245	Burner performance evaluation by exhaust gas analysis	1959
19680091246	Yj85-5 50 hr. pert combustor development program	1959
19680091308	Knowledge and possibilities of gravity research	1959
19680091309	Selenography - physical characteristics of the moon, a bibliography, 1200-1958	1959
19680091383	The solar-powered space ship	1959
19680091419	Control-display relationships in manned control loops	1959
19680091447	An experimental and theoretical study of the response of a two-shaft turbojet subjected to small disturbances	1959
19680091480	Development of astronautics gaskets-liquid oxygen and fuel propulsion systems	1959
19680091481	Correlation of theory and experiment on stagnation point heat transfer rates to cylinders and spheres	1959
19680091484	Potentiometry on silver halide monocrystals /contribution to the mechanism of photographic development/	1959
19680091486	Cosmic radiation as observed by earth satellites, an introductory bibliography, 1958	1959
19680091487	Liquid monopropellants and their applications - a bibliography, 1950-1958	1959
19680091490	An observational study of strong radio sources at meter wavelengths	1959
19680091500	Preliminary operating and maintenance instructions for nitrogen control unit 65-1	1959
19680091521	Missile systems checkout equipment series d-r&d	1959
19680091522	Practical considerations for ionic propulsion	1959
19680091560	Technical development for ma-3 engine /u/	1959
19680091578	Celestial navigation - a bibliography, 1950- 1958	1959
19680091597	Orbital and dynamic elements for simplified two body problems	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091938	Molecular phosphorescence at the temperature of liquid nitrogen. vibration structure of several aromatic and heterocyclic derivatives	1959
19680091939	Transport rockets to earth satellites	1959
19680091993	Image converter developments	1959
19680092015	Experimental contribution to the performance of turbulent flow in a tube	1959
19680092098	Aedc transonic and supersonic tests of titan stage 1, engine compartment heating and base pressures /phase 3/ /u/	1959
19680092163	Second generation re-entry vehicles to missile interchangeability specification for the ws 107a-1 and ws 107a-2 weapon systems /u/	1959
19680092255	A functional description of the arma inertial guidance system /u/	1959
19680092267	Corrosion investigation at vanderberg air force base /u/ summary report	1959
19680092296	An apparatus for trichromatic colorimetry adaptable to pulfrichs protometer	1959
19680092315	Some observations on cavitating flows	1959
19680092363	Stereospecific polymerization of styrol	1959
19680092488	Instrumentation configuration, series d, article 11, ws-107a	1959
19680092489	Flight acceptance composite test atlas - mercury 10d	1959
19680092507	Diffraction of light by carbon particles of luminous flames	1959
19680092540	Proposal for standard weight definitions for space vehicles	1959
19680092709	Conversion from the basic measurements of a "range only" tracking system to rectangular coordinates	1959
19680092809	Error analysis for ballistic intercept originating from circular orbit	1959
19680092810	Coupled potential flow past inclined bodies of revolution at high speeds	1959
19680092993	Radio emission in the outer corona	1959
19680093600	The effects of heat treatments on the tensile and corrosion properties of Zircaloy-2	1959
19680093627	Porous-Plug and Multilayer-Shield Experiments (OTT-V)	1959
19680093807	Strength and reach envelopes of a pilot wearing a full-pressure suit in the seated and supine positions	1959
19680093944	The kinematics of orbit-to-orbit ballistic rendezvous	1959
19680094125	Techniques of error analysis. Part 1. The classical, Monte Carlo, and indexed numerical integration methods	1959
19680094230	Letter report on ARPA order 47-59 for February 1959 /U/	1959
19680094231	Letter report on ARPA order 14-59 for January 1959 /U/	1959
19680094232	Letter report on ARPA order 14-59 for February 1959 /U/	1959
19680094342	Development of high Mach number turbojet engines /U/	1959
19680094386	Evaluation of Bell and Howell design 6050A modified triad 550 camera in the NADC improved FEI POD Final report	1959
19680094458	Development and evaluation of insulating type ceramic coatings, 1 March 1958 - 28 February 1959	1959
19690068141	Preliminary evaluation of an in vivo model for determining the state of protein metabolism	1959
19690072672	Spacecraft propulsion	1959
19690074122	Preliminary investigation of the static longitudinal and lateral stability characteristics of a model of a 45 deg swept wing airplane at Mach numbers of 1.59, 1.89, and 2.09	1959
19690086580	E series turbopump inlet studies	1959
19690086663	Fifth PMR site survey. Volume 1 - Guadalcanal report	1959
19690087118	ARDC/INDUSTRY symposium on Storable Liquid Propulsion Systems /U/	1959
19690087119	Keynote address /U/	1959
19690087120	Hydrazine based storable fuels /U/	1959
19690087121	Studies of storable propellant systems /U/	1959
19690087122	Future developments in storable rocket propellants /U/	1959
19690087123	Industry capabilities in storable propellants /U/	1959
19690087124	Research and development at Jet Propulsion Laboratory on storable propellants using hydrazine as the fuel /U/	1959
19690087125	Storable liquid propulsion system experience /U/	1959
19690087126	Results of high thrust testing with storable liquid propellants /U/	1959
19690087127	Pre-packaged liquid propulsion systems for air launched applications /U/	1959
19690087128	Storable propellants for use in transportable prefueled missiles /U/	1959
19690087129	Experience with storability of rocket engines employing the IRFNA-JP-4 propellant combination /U/	1959
19690087130	The role of storable propellants in ballistic missiles and allied systems /U/	1959
19690087131	Application of high thrust storable liquid rockets /U/	1959
19690087132	Design considerations in the use of storable propellants /U/	1959
19690087133	The application of storable propellants to the Thor weapons system /U/	1959
19690087134	Hydrogen peroxide as a storable liquid propellant /U/	1959
19690087502	Mechanism of the lubrication of metal surfaces with solid films Progress report, 6 Aug. - 1 Nov. 1959	1959
19690088844	AFSAV 510A signal recorder/reproducer	1959
19690089232	A study of physical systems through signal flow graphs. Part 2 - Direct analysis of electrical networks	1959
19690089461	An analytical study of the ability of a slender delta-wing aeroplane to perform a sidested manoeuvre at low speed	1959
19690089526	Use of vapour-blasting plant	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089588	Acute toxicity of a mixed amine fuel	1959
19690089850	Test report for phase 3 of the aerodynamic heating test at the NASA Langley unitary plan wind tunnel	1959
19690089869	Arc tangent fits for pressure drag coefficients of axisymmetric blunt bodies at all speeds	1959
19690089892	Saturn and Nova lunar systems /U/	1959
19690089981	Application of step-wise perturbations of an inertial frame to the two-dimensional drag trajectory of a recoverable satellite	1959
19690090958	New materials for Polaris reentry body /U/ Quarterly status report, 16 Oct. 1958 - 15 Jan. 1959	1959
19690091117	New materials for Polaris re-entry body /U/ Progress report, 31 Aug. - 30 Sep. 1959	1959
19690091119	New materials for Polaris re-entry body /U/ Progress report, 16 Mar. - 15 Apr. 1959	1959
19690091120	New materials for Polaris re-entry body /U/ Progress report, 16 Feb. - 15 Mar. 1959	1959
19690091121	New materials for Polaris re-entry body /U/ Progress report, 16 Jan. - 15 Feb. 1959	1959
19690091122	New material for Polaris re-entry body /U/ Progress report, 16 Dec. 1958 - 15 Jan. 1959	1959
19690091131	New materials for Polaris re-entry body /U/ Progress report, 31 Oct. - 30 Nov. 1959	1959
19690091132	New materials for Polaris re-entry body /U/ Progress report, 30 Sep. - 31 Oct. 1959	1959
19690091145	WS-107A-1, instrumentation configuration series D, article 24, Sycamore test stand S-2, addendum	1959
19690091182	Satellite observations of infrared radiation Semiannual technical summary report	1959
19690091183	Meteorological satellite system analyses Semiannual technical summary report	1959
19690091185	A system for the meteorological operational use of satellite television observations Semiannual technical summary report	1959
19690091534	Acoustic ambient noise in the tongue of the ocean /U/	1959
19690091695	Trajectory analyses for the design of an orbit launched interceptor	1959
19690091946	Dyna-Soar Vehicle Dynamics /U/	1959
19690092205	Test report for phase 2 of the aerodynamic heating tests at the NASA Langley unitary plan wind tunnel	1959
19690092720	The computation of rawinsonde flights by general purpose automatic computers	1959
19690092728	The luminescence of the lunar surface and the intensity of solar corpuscular radiation	1959
19690092739	Systems evaluation report for February 1959	1959
19690092848	Astrograph Final report	1959
19690093148	Aircraft nuclear propulsion systems. Project Pluto Quarterly progress report	1959
19690093267	Experimental Performance of a 200-Pound-Thrust Liquid-Pentaborane-Liquid-Hydrazine Rocket	1959
19690093416	Stability characteristics of two missiles of fineness ratios 12 and 18 with six rectangular fins of very low aspect ratio over a Mach number range of 1.4 to 3.2	1959
19690093991	Comparison of aileron control system responses of A4D-1 and A4D-2 aircraft /U/	1959
19690093994	Aerodynamic stability and control characteristics of the crow configuration rigid airframe /U/	1959
19690093995	Evaluation of AN/TPQ-10/XN-2/ radar course directing central /U/	1959
19690093996	The 4KS-115000 interim booster rocket engine /U/	1959
19690094025	The celestial data computer Final report	1959
19690094029	Study of electrical power requirements of radar complex at a typical AC and W site	1959
19690094034	Service test of Westinghouse part number A28A8584-1 300 ampere, 30 volt dc generator with bearings installed to requirements established by Wright Air Development Center	1959
19700077798	On the mechanism of subcooled nucleate boiling	1959
19700078280	Heat-transfer measurements on an air-launched, blunted cone-cylinder rocket vehicle to Mach 9.7	1959
19700079308	Bridging the gap between injector hydraulics and combustion phenomena in liquid propellant rocket engines	1959
19700085860	Improvement program for A1-KW S-band traveling-wave tube Final report, 1 Jul. - 31 Oct. 1959	1959
19700088807	Spectroscopic studies of nuclear submarine atmospheres. 2 - Infrared analysis of major gaseous contaminants	1959
19700089187	Spectroscopic studies of nuclear submarine atmospheres. Part 1 - Desorption and analysis of contaminants from hopcalite	1959
19700089295	Evaluation of textile components of overage T-7A reserve parachutes	1959
19700089786	Radiant testing of infrared devices, volume 2 Final technical report, Mar. 1967 - Aug. 1968	1959
19700090572	Project Horizon. A US Army study for the establishment of a lunar military outpost, phase 1. Volume 2 - Technical considerations and plans /U/	1959
19700090573	Project Horizon. A US Army study for the establishment of a lunar military outpost. Volume 2 - Technical considerations and plans /U/	1959
19700090574	Project Horizon. A US Army study for the establishment of a lunar military outpost, phase 1. Volume 4 - Technical services capabilities and support /U/	1959
19700090575	Project Horizon. A US Army study for the establishment of a lunar military outpost, phase 1. Volume 3 - Military operational aspects /U/	1959
19700090657	A comparative study of six keyset entry units Research and development report, Dec. 1957 - Nov. 1958	1959
19700091238	Development of radio frequency oscillator 0-47 /XN-1//U Final report, 1 Apr. 1957 - 1 Apr. 1959	1959
19700092143	Pressure Surge Control in Pipeline Systems	1959
19700092155	Subsonic escape system description and installation requirements	1959
19700092157	Final T2J-1 escape system substantiation report	1959
19700092167	Final T2J-1 escape system command selector	1959
19700092193	Pacific Missile Range support plan for drop tests of the SARV Mark 3 /U/	1959
19700092815	Duration of protection afforded by the pressure breathing mask, pressure jerkin and anti-g suit combination	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092875	MOBIDIC A internal instruction micro flow charts	1959
19700093298	Long line investigation /U/	1959
19700094280	Thermal requirements of non-ablating heat-sink materials /U/ Technical report, Apr. 1958 - Aug. 1959	1959
19700094396	A critical summary of sea surface heat exchange equations	1959
19710064964	The damping in pitch of bluff bodies of revolution at Mach numbers from 2.5 to 3.5	1959
19710064965	Performance of a top inlet with a vertical porous wedge at Mach numbers of 1.6 to 2.35	1959
19710064966	Normal-force and pitching-moment characteristics for two blunt-nosed reentry type bodies from M equals 2.4 to M equals 4.0	1959
19710064967	Wind-tunnel investigation of the effects of component build-up on the inlet performance of an 0.05-scale air induction model of the B-70 airplane at Mach numbers from 2.58 to 2.96	1959
19710064971	An experimental and analytical investigation of the dynamics of two blunt bodies at subsonic speeds	1959
19710064976	Investigation of an external-compression side inlet at Mach numbers of 1.6 to 2.0	1959
19710064978	An investigation of an underslung nose inlet with various nose configurations at Mach numbers from 1.55 to 2.23	1959
19710064984	An experimental investigation of an airplane configuration having a twisted and cambered triangular wing of aspect ratio 2.2	1959
19710064985	Experimental evaluation of swirl-can elements for propane-fuel combustor	1959
19710064986	Experimental investigation at a Mach number of 3.11 of the lift, drag, and pitching- moment characteristics of a number of blunt, low-fineness-ratio bodies	1959
19710065200	Some experimental heating data on a 5.0-inch- diameter flat face with hemispherical depressions	1959
19710065516	Flight investigation at supersonic Mach numbers of a torque plus position servocontrol system	1959
19710065522	Aerodynamic heating and lateral force measurements of a blunt-nose flare-cylinder configuration undergoing large lateral oscillations at Mach numbers up to 10.15	1959
19710065527	Drag measurements of a reentry body with rocket-boosted models in free flight at Mach numbers from 2.8 to 0.6	1959
19710065534	Effects of afterbody shape and hot jet exhausts on pressures, temperatures, and drag of a twin-engine fighter-airplane model having an overhanging fuselage	1959
19710066011	The photochemical behavior of oxygen- containing complexes in alkali halide crystals	1959
19710066796	Preliminary analysis of hydrogen-rich hypersonic ramjet operation	1959
19710066801	Performance of an axisymmetric external- compression and a two-dimensional external- internal-compression inlet at Mach 4.95	1959
19710067220	An investigation of the effect of high temperature on the Schumann-Runge ultraviolet absorption continuum of oxygen	1959
19710068107	Performance analysis of six solid-fuel rocket- motor boost systems with payloads of 300 to 2000 pounds	1959
19710068108	Effects of unsymmetrical air-flow characteristics of twin-intake air-induction systems on airplane static stability at supersonic speeds	1959
19710068109	Aerodynamic characteristics at Mach numbers from 2.30 to 4.50 of a canard configuration having varied body shapes	1959
19710068111	Static stability investigation of supersonic- impact ballistic reentry shapes at Mach numbers of 2.55 and 3.05	1959
19710068112	The 1958 NASA/USAF space probes /Able-1/. Volume 4 - Characteristics of the Able-1 engine Final report	1959
19710068113	Preflight and flight investigation on a ducted solid-propellant rocket configuration at Mach numbers from 1.56 to 2.14	1959
19710068115	Investigation of the pressure distribution over a model of an intercontinental ballistic missile for several nose shapes at Mach numbers of 1.57, 2.29, 2.98, 3.96, and 4.65	1959
19710068117	Analysis of pressure distributions for a series of controls on a 40 deg sweptback wing at a Mach number of 1.61	1959
19710068118	Damping in pitch and static stability of a group of blunt-nose and cone-cylinder-flare models at a Mach number of 6.83	1959
19710068119	A study of the possible use of thrust vector rotation for 'cutoff' for ballistic missiles	1959
19710068121	Systematic study of the static stability characteristics of a series of afterbody flare, fin, and boattail configurations at Mach numbers from 1.57 to 2.87	1959
19710068122	Interaction of nonsteady twin-inlet flow and airplane directional motions at a Mach number of approximately 1.9	1959
19710068124	Jet effects on the base, afterbody, and tail regions of a twin engine airplane model with high and low horizontal-tail locations	1959
19710068126	Damping in pitch and static stability of a group of blunt bodies at Mach numbers from 0.60 to 0.95	1959
19710068127	An investigation of the static stability and control characteristics of winged and wingless interceptor missile models	1959
19710068128	The effect of nose shape on the static aerodynamic characteristics of ballistic type missile models at Mach numbers from 0.6 to 1.4	1959
19710068129	An investigation at Mach numbers from 1.47 to 2.87 of static stability characteristics of nine nose cones designed for supersonic impact velocities	1959
19710068130	Transonic wind tunnel investigation of an inlet model of a supersonic fighter bomber airplane	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710068131	Investigation of the control characteristics of a model of an air-launched ballistic missile at Mach numbers of 4.06 and 4.65	1959
19710068132	Flight investigation of loads on a tee-tail at transonic and supersonic speeds	1959
19710068133	Low-speed measurements of the static and oscillatory lateral stability derivatives of a model of a canard airplane designed for supersonic cruise flight	1959
19710068135	Static stability characteristics of a model of a free-fall bomb with and without a pylon at Mach numbers of 1.57, 1.87, and 2.17	1959
19710068136	Transonic wind-tunnel investigation of nozzle hinge moments for a large ballistic missile having two gimbaled rocket motors	1959
19710068137	Longitudinal Stability and Control Characteristics at Mach Numbers of 2.01, 4.65, and 6.8 of Two Hypersonic Missile Configurations, One Having Low-Aspect-Ratio Cruciform Wings with Trailing-Edge Flaps and One Having a Flared Afterbody and All-Movable Controls	1959
19710068140	Effects of variation in body orientation and wing and body geometry on lift-drag characteristics of a series of wing-body combinations at Mach numbers from 3 to 18	1959
19710068148	Effects of forebody length and canard surface size on the stability and control characteristics of a 70 deg delta wing canard airplane configuration at a Mach number of 2.01	1959
19710068149	A theoretical investigation of the dynamic lateral stability of three possible airplane configurations for flight at a Mach number of 3.0	1959
19710068705	Comparison of Three Nuclear Propulsion Systems for a Logistic-Type Aircraft	1959
19710068706	Theoretical and experimental aircraft induced forces and moments on a cruciform missile at a Mach number of approximately 1.60 and their effects on the missile trajectory	1959
19710068707	An investigation of clustered jet-exit arrangements at supersonic speeds	1959
19710068708	Investigation of drag and static longitudinal and lateral stability and control characteristics of a model of a 45 deg swept wing airplane at Mach numbers of 1.57, 1.87, 2.16, and 2.53, phase 2 model	1959
19710068709	A limited study of a hypothetical winged anti- ICBM point-defense missile	1959
19710068710	Longitudinal stability and control characteristics of a two-place all-weather fighter airplane between Mach numbers of 0.80 and 2.00 obtained from the flight test of a rocket-boosted model	1959
19710068711	Free-flight drag measurements of rocket- boosted models of two reentry body configurations at Mach numbers from 4.3 to 0.6	1959
19710068712	A performance study of a wingless anti-ICBM missile for point defense	1959
19710069103	Transonic static aerodynamic characteristics of a blunt cone-cylinder body with flared afterbody or blunt cruciform fins	1959
19710069104	The effect of boric oxide deposits on the performance of three turbine stator-blade shapes	1959
19710069107	Impact sensitivity of liquid ozone	1959
19710069108	Combustion stability of a hydrogen fuel jet issuing normal to an airstream	1959
19710069109	Combustion stability of a hydrogen jet issuing from a cylindrical spray bar	1959
19710069110	Ignition of hydrogen-oxygen rocket engines with fluorine	1959
19710069111	Gaseous hydrogen burned in a simulated afterburner using several low-drag fuel- injector-flameholder types	1959
19710072712	Report of the 5th Worldwide USAF Flying Safety Conference	1959
19710074152	Nike Zeus Model DM-15 - Materials Tests in NASA Pilot Model Ceramic Heated Air Jet /U/	1959
19710076593	Suggestions for meteorological measurements for future expeditions to Greenland	1959
19710077443	MOBIDIC programs - Issue 18.1. Flow chart for the tape error routine TERM1	1959
19710077444	MOBIDIC programs - Issue no. 19. Specifications for the mass memory error routine MERR1	1959
19710077445	MOBIDIC programs - Issue no. 19.1. Flow charts for the mass memory error routine MERRI	1959
19710078720	Longitudinal aerodynamic characteristics of ten booster-glider models for Project Dyna-soar at Mach numbers of 0.7 and 1.0	1959
19710078721	Static stability and control characteristics of a 0.5-scale model of the Hughes GAR-11 missile at Mach numbers from 1.60 to 2.30	1959
19710078722	Wind-tunnel investigation of the lift and drag characteristics of a Lockheed WS-125A airplane model at Mach numbers from 0.40 to 0.96	1959
19710079346	Flight tests of a 1/8-scale model of the Bell D-188A jet VTOL engine	1959
19710079347	Free spinning tunnel investigation of a 1/40 scale model of the McDonnell F-101A airplane	1959
19710079775	An engineering evaluation of the shock-gel process /U/	1959
19710081530	Deleted record	1959
19710082645	Reliability test of arming system for SM-62 missile Technical report, 3 Jul. 1958 - 2 Feb. 1959	1959
19710082818	Environmental tests of MB-1 rocket mission evaluator	1959
19710082880	A brief description of the SM-62 Snark weapon system	1959
19710083098	SM-62 Targeting Conference	1959
19710083173	Statement of work for installation and checkout of SM-62 crew trainer evaluators in the Presque Isle operational site	1959
19710083255	Temperature-altitude tests of SM-62A MK-1 temperature control system configuration N3422 thru N3424 and N3425 thru N3427	1959
19710086169	Preliminary map of re-entry phenomena /U/	1959
19720065647	Space programs summary no. 5, 15 July - 15 September 1959	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720065648	Space programs summary no. 2, 15 January - 15 March 1959	1959
19720065649	Space programs summary no. 1, 15 November 1958 - 15 January 1959	1959
19720066079	Investigation of static stability characteristics of a hypersonic missile configuration with various nose shapes at a Mach number of 6.86	1959
19720066819	A technique utilizing free flying radio controlled models to study the incipient and developed spin characteristics of airplanes	1959
19720070334	Final stability and control derivatives report	1959
19720070335	XQ-2C flight control subsystem dynamic analysis report (Ryan model 124)	1959
19720070652	Antiaircraft fire control system T50	1959
19720071137	Theoretical analysis of deck pendant during arresting hook impact and runout	1959
19720071967	Some effects of low-frequency mechanical vibration on man	1959
19720073773	Presentation to the National Aeronautics and Space Administration, Langley AFB, Virginia (U)	1959
19720073782	Space Programs Summary No. 4 for the Period 15 May 1959 to 15 July 1959 (U)	1959
19720073787	A National Space Vehicle Program	1959
19720073792	Office of Space Sciences ten year program: 1959 long range thinking (U)	1959
19720075694	Effect of the deep-water sound-velocity distributions in the North and South pacific on convergence-zone propagation paths (U)	1959
19720077769	Title is classified	1959
19720079385	Atmospheric model, December 1959	1959
19720079488	The 24 hour reconnaissance satellite (U)	1959
19720080092	A systems approach to predicting and measuring Polars fire control system operational availability	1959
19730063815	An analysis of three Mach 4.0 fuel-rich turbofan engines using hydrogen fuel	1959
19730064147	Lunik 3: Soviet news coverage of the launching of the third Soviet cosmic rocket	1959
19730064155	The third Soviet cosmic rocket	1959
19730064158	Astronautics information. Preliminary results of data processing from the second Soviet cosmic rocket	1959
19730064161	A study of large solid propellant boosters	1959
19730064733	F-1 Thrust Vector Control Study	1959
19730064909	AGENA	1959
19730064944	Development of a 6000 pound thrust propulsion system using storable propellants	1959
19730065211	Research summary, 1 December 1958 - 1 February 1959	1959
19730065666	Letter Report No. 3, April 1959	1959
19730065785	Human factors analysis and recommendations for Project Mercury	1959
19730066762	Proceedings of the Self Adaptive Flight Control Systems Symposium	1959
19730066763	Air research and development command plans and programs	1959
19730066764	US Army Signal Research and Development Laboratory flight control programs: Past, present, and future	1959
19730066765	The systems dynamics research airplane	1959
19730066766	Adaptive control system program	1959
19730066767	On an adaptive autopilot using a nonlinear feedback control system	1959
19730066768	Supervisory control system	1959
19730066769	Massachusetts Institute of Technology presentation	1959
19730066770	Adaptive flight control system	1959
19730066771	Honeywell's history and philosophy in the adaptive control field	1959
19730066772	A technique for analyzing an adaptive flight control system containing a bi-stable element	1959
19730066773	Discussion of the Honeywell adaptive flight control system for high performance aircraft	1959
19730066774	A review of optimizing/computer control	1959
19730066775	Recent adaptive control work at the General Electric Company	1959
19730066776	DODCO, Inc. research in optimum adaptive flight control	1959
19730066777	Analysis and synthesis of a linear, self adaptive, stability augmentation system	1959
19730066778	Program in basic research in adaptive control theory	1959
19730066779	Cornell Aeronautical Laboratory, Inc. presentation	1959
19730066780	The Aeronutronic self optimizing automatic control system	1959
19730066781	Adaptive control systems philosophy	1959
19730071043	Forming of Inconel 10	1959
19730071045	Forming of Inconel X	1959
19730071053	Forming of Inconel X	1959
19730072814	Sonar self-noise reduction (U)	1959
19730073023	A3J-1 ejection seat stabilization system evaluation and development	1959
19730074317	Project Mercury: Mercury radio command control system	1959
19730074568	Feasibility study of a high mass ratio motor	1959
19730074572	Technical Proposal for Rocket Velocity and Attitude Control System (Allison PD-48)	1959
19730074704	Summary of aerodynamic testing on B-52F and G airplanes with GAM-77 missiles (North American Hound Dog)	1959
19730077713	Satellite and space program	1959
19730078045	Vega project second stage propulsion	1959
19730078071	Jet Propulsion Laboratory general specification: VEGA space vehicle system	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730078077	Feasibility study of a high mass-ratio motor	1959
19730078078	Feasibility study of a high mass-ratio motor	1959
19740073121	Preliminary study of capsule recovery for the first series of Project Mercury orbital flights	1959
19740073629	Flight control system technical report for Little Joe project	1959
19740074491	Sloshing of liquid propellants	1959
19740074498	Summary of recent Jet Propulsion Laboratory research on storable propellants	1959
19740074740	Astronautics information: Duplexing systems	1959
19740074765	Astronautics information: Circularly-polarized antennas	1959
19740074814	The Jet Propulsion Laboratory's 6000-pound-thrust storable propulsion system	1959
19740075275	Detailed test objectives, Project TIROS	1959
19740075311	Turbopumps for the nuclear rocket	1959
19740075404	Astronautics information: Theoretical studies and experimental techniques used in ablative heat transfer	1959
19740075413	Research summary no. 4, for the period 1 June - 1 August 1959	1959
19740076045	Research summary, 1 October - 1 December 1959	1959
19740076048	Research summary, 1 August - 1 October 1959	1959
19740076050	Research summary, 1 April - 1 June 1959	1959
19740076128	Inertial guidance for lunar probes. Volume 3: Formulation and evaluation of the guidance system concept	1959
19740076275	Alleviation of aerodynamically induced vibration in the Sergeant missile	1959
19740076540	Specification for rocket propulsion system AGC model AJ10-118 for Stage 2 NASA - Delta space research vehicle	1959
19740076966	[CENTAUR (ATLAS/CENTAUR)]	1959
19740080435	Feasibility study of a high mass ratio motor	1959
19740080436	Vega project, second stage propulsion	1959
19740080439	Vega project second stage propulsion	1959
19740081281	Feasibility study of a high mass ratio motor	1959
19740081605	Feasibility study of a high mass-ratio motor	1959
19740081608	Feasibility study of a high mass ratio motor	1959
19740081613	Vega project second stage propulsion	1959
19740081702	Plug nozzle program	1959
19740081703	Plug nozzle program	1959
19740081715	VEGA	1959
19740081853	Radar backscatter from missiles during re-entry, Part 4	1959
19740083265	Vega project second stage propulsion	1959
19740083305	VEGA	1959
19740084647	Preparation and unexpected detonation of magnesium-coated ammonium perchlorate	1959
19740084650	Fission reactors as a source of electrical power in space	1959
19740085500	Monthly progress report, 1-31 July 1959	1959
19740085506	Monthly progress report no. 1, 2-31 March 1959	1959
19740085874	Supplement NR 2 to Development and Funding Plan for ARPA Order 14-59	1959
19740086714	Experiments on, and analyses of, the dynamics of a topping turbine cycle	1959
19740086845	Integration of parachute and shoulder harness	1959
19740086885	Monthly progress report no. 3, 1-31 May 1959	1959
19740086886	Plug nozzle program	1959
19740086889	Monthly progress report, 1-31 August 1959	1959
19740086894	Monthly progress report, 1-30 June 1959	1959
19740086899	Plug nozzle program	1959
19750064559	Project Mercury	1959
19750065551	Research summary no. 2, for the period 1 February - 1 April 1959	1959
19750067864	Operation plan Project Tiros	1959
19750069166	Force and pressure test of several Avco reentry configurations	1959
19750069174	Space programs summary no. 3 for the period 15 March 1959 to 15 May 1959	1959
19750069355	Space programs summary no. 6, 15 September - 15 November 1969	1959
19750069368	Test of the Avco model WS-133A in the 20-inch supersonic wind tunnel	1959
19750073255	Monthly progress report, July 1959	1959
19750073262	Monthly progress report, August 1959	1959
19750073265	Monthly progress report, September 1959	1959
19750073275	Monthly progress report, 1-30 April 1959	1959
19750073618	Monthly progress report, June 1959 no. 4, for June 1959	1959
19750073862	Progress report, 22 August - 22 September 1959	1959
19750075096	Title is classified	1959
19750075731	The transition in instrument design to beryllium as a structural material	1959
19750076166	Controlled thermonuclear research. United Kingdom/US research newsletter no. 13	1959
19750078089	Effect of six missile-bay baffle configurations and a rocket end plate on ejection releases of an MB-1 rocket from a 0.05-scale model of the Convair F-106A airplane	1959
19750078114	The F-1 tank pressurization study	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760065902	On finite integral transforms built upon incomplete sets of eigenfunctions	1959
19760067285	Project Mercury Preliminary Flight Test Results of the Big Joe, Mercury R and D Capsule	1959
19760067845	NASA Lewis 8- by 6-foot supersonic wind tunnel	1959
19760081291	Blast loading and response of underground concrete-arch protective structures	1959
19760087161	Production methods for the manufacture of aspherics	1959
19770084297	Artificial earth satellites, volume 3, 1959	1959
19770084308	On the problem of the interaction between a satellite and the earth's magnetic field	1959
19780072099	Astronautics information: Sloshing of liquid propellants	1959
19780072492	Dyna Soar First Stage Recoverable Booster Study. Base Point No. 4: Liquid Rocket-Ramjet VTO Booster with Winged Recovery	1959
19780072533	Agema Capabilities for NASA Missions, Summary of LMSD-446175	1959
19780073125	Dyna Soar First Stage Recoverable Booster Study: Piloted Turbojet Booster	1959
19780073126	Dyna Soar First Stage Recoverable Booster Study. Base Point 3: Liquid Rocket, VTO, Booster with Parachute Recovery	1959
19780073127	Operational Dyna Soar Recoverable Booster Study: Selected Booster	1959
19780073129	Convair Structural Report for Dyna Soar	1959
19780073131	Dynamic Loads Data for Inclusion in Boeing's Dyna-Soar Proposal	1959
19780073134	Aerodynamics Report, Volume 1	1959
19780073136	Dyna-Soar Configuration Studies to Improve Stability and Trim Characteristics	1959
19780073147	Capability of the Pacific Missile Range to Support the Dyna Soar Program	1959
19780073163	Air Force clustered engine booster study for ARPA/NASA	1959
19780073711	Aerodynamics Report, Dyna-Soar	1959
19780073713	Dyna-Soar - Technical Supplement Report	1959
19780074241	Dyna Soar Landing Engine Retention Study	1959
19780074242	Dyna-Soar Fuselage Nose Shape Study	1959
19780074243	Aerodynamics Report, Dyna Soar, Volume 2	1959
19780074857	Operations Directive No. 1900: Mercury Launch	1959
19780075321	Weights and Balance Report	1959
19780075325	Detail Model Specification for Dyna-Soar System, DS-1, Booster, Second Stage	1959
19780075326	DS-I Structures Report: Booster	1959
19780075328	Vehicle Flight Control System: Dyna-Soar 1	1959
19780075343	Follow on Experiments: Project Mercury Capsules	1959
19780075649	Detailed test objectives for Atlas Missile No. 20-D	1959
19780075881	Detailed test objectives for Atlas Missile No. 10-D	1959
19780078578	Two techniques for detecting boundary-layer transition in flight at supersonic speeds and at altitudes above 20000 feet	1959
19780083342	Some Aspects of Booster Design for Winged Payloads-bending Moment Reduction Studies	1959
19780083343	Dyna-Soar 1 System Specification	1959
19780083815	Interstage control surfaces for minimizing booster modifications to accept D.S. type payloads	1959
19780083816	Secondary guidance systems for boost glide vehicles: A survey of potential sources of information	1959
19780083817	Review of research programs applicable to Dyna Soar	1959
19780083818	Some aspects of booster design for winged payloads. Volume 2: Control system considerations	1959
19780083819	Some Aspects of Booster Design for Winged Payloads: Additional Structural Studies	1959
19780083820	Performance Specification for the N12A Autonavigator and Support Equipment	1959
19780083821	Dyna-Soar 1 system airframe structural design criteria specification	1959
19780083823	The design of wing planforms for transonic speeds (U)	1959
19790076556	Distribution of aerodynamic loads on the Project Mercury vehicle	1959
19790076741	Instrumentation Configuration Report. Vega Summary	1959
19790077056	The effect of metal additives on the combustion and performance of solid propellants	1959
19790077942	Project Mercury Familiarization Manual	1959
19800073349	Index of NASA technical publications, October, 1958 - June, 1959	1959
19800073350	Index of NACA technical publications, July, 1957 - September, 1958	1959
19810068860	Summary of statistical icing cloud data measured over United States and North Atlantic, Pacific, and Arctic Oceans during routine aircraft operations	1959
19820069100	On vibrations of a plate moving in a gas	1959
19830085238	Stability and control trials of the model A4D-2 airplane. Report no. 2: Flying qualities phase	1959
19840069772	Technologies for ground based electric power	1959
19840071372	Tables of the Bessel-Kelvin functions: Ber, bei, ker, kei and their derivatives for the argument range 0(0.01)107.50	1959
19840072010	NASA: Spearhead to space	1959
19840072012	The Moon probe Pioneer 4	1959
19840073604	The preparation of transistor grade silicon from silane or analogous compounds	1959
19850077815	Estimated aerodynamic data for the design of the F-100A and F-100C airplanes, volume 1	1959
19850078100	Estimated aerodynamic data for the design of the F-100A and F-100C airplanes, volume 2	1959
19850080309	Closed-loop centrifuge simulation of space vehicle performance	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19860065692	The shock-wave noise problem of supersonic aircraft in steady flight	1959
19860065693	Ground measurements of the shock-wave noise from airplanes in level flight at Mach numbers to 1.4 and at altitudes to 45000 feet	1959
19880071467	Theoretical performance of selected propellant systems. Part 4: Survey of thermochemical data	1959
19890068020	Low-speed wind-tunnel investigation of a wingless jet VTOL transport model	1959
19890068021	Wind-tunnel tests of a semispan wing with a fan rotating in the plane of the wing	1959
19890068022	Equations and charts for determining the hypersonic stability derivatives of combinations of cone frustums computed by Newtonian impact theory	1959
19890068027	An analog study of an airborne automatic landing-approach system	1959
19890068029	An investigation to determine conditions under which downwash from VTOL aircraft will start surface erosion from various types of terrain	1959
19890068030	Investigation of double slotted flaps on a swept-wing transport model	1959
19890068031	Approximate solutions to optimum climbing trajectory for a rocket-powered aircraft	1959
19890068032	Combined operations with and without afterburning for minimum fuel consumption in level flight	1959
19890068036	Flight investigation of a centrally located rigid force control stick used with electronic control systems in a fighter airplane	1959
19890068042	Compressive and tensile creep of 7075-T6 and 2024-T3 aluminum-alloy sheet	1959
19890068050	Shock-tube heat-transfer measurements on inner surface of a cylinder (simulating a flat plate) for stagnation-temperature range 4,100 deg to 8,300 deg R	1959
19890068055	Minimum-weight analysis of symmetrical-multiweb-beam structures subjected to thermal stress	1959
19890068068	Some aspects of air-helium simulation and hypersonic approximations	1959
19890068069	Wind-tunnel investigation of the aerodynamic characteristics of a model representative of a supersonic fighter-class airplane with an external-flow jet-augmented flap in low-speed flight	1959
19890068070	Comparison of calculated and measured stall boundaries of a helicopter rotor at advance ratios from 0.3 to 0.4	1959
19890068095	Dynamic analysis of a simple reentry maneuver for a lifting satellite	1959
19890068099	A three-stage solid-fuel sounding rocket system suitable for research at altitudes near 200 nautical miles	1959
19890068104	The rate of fatigue-crack propagation for two aluminum alloys under completely reversed loading	1959
19890068112	The hydrodynamic characteristics of a submerged lifting surface having a shape suitable for hydro-ski application	1959
19890068113	Effect of distributed three-dimensional roughness and surface cooling on boundary-layer transition and lateral spread of turbulence at supersonic speeds	1959
19890068131	An approximate method for calculating surface pressures on curved profile blunt plates in hypersonic flow	1959
19890068132	Full-scale wind-tunnel investigation of the effects of a target-type thrust reverser on the low-speed aerodynamic characteristics of a single-engine jet airplane	1959
19890068138	Gravity torque on an orbiting vehicle	1959
19890068140	Thermal fatigue of ductile materials. 3: Behavior of crucible 422 steel	1959
19890068190	Laminar skin-friction and heat-transfer parameters for a flat plate at hypersonic speeds in terms of free-stream flow properties	1959
19890068191	Measured and predicted section wave drag coefficients at a Mach number of 1.6 for a delta wing with two airfoil sections	1959
19890068192	Large-scale wind-tunnel tests of an airplane model with an unswept, aspect-ratio-10 wing, four propellers, and blowing flaps	1959
19890068193	Shielding stagnation surfaces of finite catalytic activity by air injection in hypersonic flight	1959
19890068194	Analysis of computer flow parameters for a set of sudden stalls in low-speed two-dimensional flow	1959
19890068195	An analysis of incremental horizontal-tail loads measured on a swept-wing bomber airplane in sideslip maneuvers	1959
19890068197	Investigation of the flow over a spiked-nose hemisphere-cylinder at a Mach number of 6.8	1959
19890068198	Experimental investigation of metal temperatures of air-cooled airfoil leading edges at subsonic flow and gas temperatures up to 2780 deg F	1959
19890068199	Full-scale wind-tunnel tests of a low-aspect-ratio, straight-wing airplane with blowing boundary-layer control on leading- and trailing-edge flaps	1959
19890068200	The effects of an inverse-taper leading-edge flap on the aerodynamic loading characteristics of a 45 deg sweptback wing at Mach numbers to 0.90	1959
19890068203	Lift and drag characteristics at subsonic speeds and at a Mach number of 1.9 of a lifting circular cylinder with a fineness ratio of 10	1959
19890068204	Working charts for rapid prediction of force and pressure coefficients on arbitrary bodies of revolution by use of Newtonian concepts	1959
19890068205	Measurements of pressure and local heat transfer on a 20 deg cone at angles of attack up to 20 deg for a Mach number of 4.95	1959
19890068208	Summary of VGH and V-G data obtained from piston-engine transport airplanes from 1947 to 1958	1959
19890068210	Rough-water ditching investigation of a model of a jet transport with the landing gear extended and with various ditching aids	1959
19890068212	Braking and landing tests on some new types of airplane landing mats and membranes	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19890068213	Analytical investigation of effect of spin entry technique on spin and recovery characteristics for a 60 degree delta-wing airplane	1959
19890068214	Dynamic-model investigation of the damping of flapwise bending modes of two-blade rotors in hovering and a comparison with quasi-static and unsteady aerodynamic theories	1959
19890068215	Jet effects on longitudinal trim of an airplane configuration measured at Mach numbers between 1.2 and 1.8	1959
19890068217	Investigation at transonic speeds to determine lateral control effectiveness of blowing laterally over surfaces of 30 deg and 45 deg swept wings	1959
19890068219	An exploratory investigation in a ballistic range of the stability derivatives of a simple airplane configuration at low supersonic speeds	1959
19890068220	Flight investigations of automatic stabilization of an airplane having static longitudinal instability	1959
19890068222	The hydrogen-peroxide rocket reaction-control system for the X-1B research airplane	1959
19890068223	Moving-cockpit simulator investigation of the minimum tolerable longitudinal maneuvering stability	1959
19890068224	Some thrust and trajectory considerations for lunar landings	1959
19890068225	Predicted characteristics of an inflatable aluminized-plastic spherical earth satellite with regard to temperature, visibility, reflection of radar waves, and protection from ultraviolet radiation	1959
19890068226	Reflection characteristics of artificial satellites constructed in the form of inflated polyhedrons	1959
19890068228	Near-field and far-field noise surveys of solid-fuel rocket engines for a range of nozzle exit pressures	1959
19890068229	A high-performance 250-pound-thrust rocket engine utilizing coaxial-flow injection of JP-4 fuel and liquid oxygen	1959
19890068231	Calculated effective thermal conductivities of honeycomb sandwich panels	1959
19890068233	Blowoff of propane and hydrogen diffusion flames at high Mach number, ramjet conditions	1959
19890068234	Flame stability effect of glass ejected into a stream from a bluff-body flameholder	1959
19890068235	Investigation of ignition temperatures of solid metals	1959
19890068237	Effects of creep stress on particulate aluminum-copper alloys	1959
19890068239	Investigation of aluminum phosphate coatings for thermal insulation of airframes	1959
19890068240	Relationship of polymer structure to thermal deterioration of adhesive bonds in metal joints	1959
19890068241	Analytical comparison of hydrazine with primary propellants as the turbine drive fluid for hydrogen-fluorine and hydrogen-oxygen altitude stage rockets	1959
19890068242	Comparison of hydrazine-nitrogen tetroxide and hydrazine-chlorine trifluoride in small-scale rocket chambers	1959
19890068248	Mixing of wakes in a turbulent shear flow	1959
19890068249	Methods of calculating fundamental solutions of the wave equation, with tables	1959
19890068250	Effects of chemical dissociation and molecular vibrations on steady one-dimensional flow	1959
19890068251	Investigation of a high-speed hydrofoil with parabolic thickness distribution	1959
19890068252	Measurements of heat transfer and friction coefficients for helium flowing in a tube at surface temperatures up to 5900 deg R	1959
19890068253	Water-landing impact accelerations for three models of reentry capsules	1959
19890068254	Static force tests of several annular jet configurations in proximity to smooth and irregular ground	1959
19890068256	Spectrographic temperature measurements in a carbon-arc-powered air jet	1959
19890068259	A preliminary investigation of the penetration of slender metal rods in thick metal targets	1959
19890068261	A study of the acoustic fatigue characteristics of some flat and curved aluminum panels exposed to random and discrete noise	1959
19890068262	Optimum design of insulated tension members subjected to aerodynamic heating	1959
19890068263	Handbook of structural stability. Supplement to part 3: Buckling of curved plates and shells	1959
19890068264	Investigation of creep behavior of structural joints under cyclic loads and temperatures	1959
19890068274	General-purpose subroutines for the IBM 650 Magnetic Drum Data-Processing Machine with attachments	1959
19890068276	Studies of second- and third-order contactor control systems	1959
19890068283	On series expansions in magnetic Reynolds number	1959
19890068284	Solutions of the laminar compressible boundary-layer equations with transpiration which are applicable to the stagnation regions of axisymmetric blunt bodies	1959
19890068285	Transonic aerodynamic characteristics of several bodies having elliptical cross sections and various plan forms	1959
19890068286	Experimental investigation at transonic speeds of pressure distributions over wedge and circular-arc airfoil sections and evaluation of perforated-wall	1959
19890068287	Low-speed wind-tunnel investigation of blowing boundary-layer control on leading- and trailing-edge flaps of a full-scale, low-aspect-ratio, 42 deg swept-wing airplane configuration	1959
19890068288	Wind-tunnel investigation of effect of ratio of wing chord to propeller diameter with addition of slats on the aerodynamic characteristics of tilt-wing VTOL configurations in the transition speed range	1959
19890068289	A method for calculating aerodynamic loadings on thin wings at a Mach number of 1	1959
19890068290	Investigation of variation in base pressure over the Reynolds number range in which wake transition occurs for two-dimensional bodies at Mach numbers from 1.95 to 2.92	1959
19890068294	Limited investigation of crushable structures for acceleration protection of occupants of vehicles at low impact speeds	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19890068295	Effectiveness of an all-movable horizontal tail on an unswept-wing and body combination for Mach numbers from 0.60 to 1.40	1959
19890068296	Measurements of ground-reaction forces and vertical acceleration at the center of gravity of a transport airplane taxiing over obstacles	1959
19890068297	A note on the calculation of helicopter performance at high tip-speed ratios	1959
19890068298	Statistical measurements of contact conditions of commercial transports landing on airports at an altitude of 5,300 feet and at sea level	1959
19890068299	Approximate solutions to optimum flight trajectories for a turbojet-powered aircraft	1959
19890068300	Minimal maneuvers of high-performance aircraft in a vertical plane	1959
19890068301	A Brief Investigation of the Effect of Waves on the Take-off Resistance of a Seaplane	1959
19890068302	Method for predicting off-design performance of axial-flow compressor blade rows	1959
19890068306	Analysis of effects of rocket-engine design parameters on regenerative-cooling capabilities of several propellants	1959
19890068309	Ductile ceramics. 2: Introductory study of ductility in polycrystalline sodium chloride and magnesium oxide	1959
19890068312	Propellant vaporization as a criterion for rocket-engine design; experimental effect of chamber diameter on liquid oxygen-heptane performance	1959
19890068317	A hydrodynamic investigation of the effect of adding upper-surface camber to a submerged flat plate	1959
19890068319	Influence of shaft deflection and surface roughness on load-carrying capacity of plain journal bearings	1959
19890068320	Experimental operating performance of a single-stage annular air ejector	1959
19890068321	Theoretical analysis of the creep collapse of columns	1959
19890068322	Optimum proportions of truss-core and web-core sandwich plates loaded in compression	1959
19890068323	Handbook of structural stability. Part 7: Strength of thin-wing construction	1959
19890068325	Field Experiments on Treatment of Fluorine Spills with Water or Soda Ash	1959
19890068326	Dispersion of jettisoned JP-4 jet fuel by atmospheric turbulence, evaporation, and varying rates of fall of fuel droplets	1959
19890068334	The analysis and design of continuous and sampled-data feedback control systems with a saturation type nonlinearity	1959
19890068335	Graphical trajectory analysis	1959
19890068337	Jet-engine exhaust noise from slot nozzles	1959
19890068343	Effect of chordwise heat conduction on the torsional stiffness of a diamond-shaped wing subjected to a constant heat input	1959
19890068344	An approximate analysis of unsteady vaporization near the stagnation point of blunt bodies	1959
19890068345	Measured and theoretical flow fields behind a rectangular and a triangular wing up to high angles of attack at a Mach number of 2.46	1959
19890068352	Analysis of acceleration, airspeed and gust-velocity data from a four-engine turboprop transport operating over the eastern United States	1959
19890068358	Airplane and engine responses to abrupt throttle steps as determined from flight tests of eight jet-propelled airplanes	1959
19890068359	Static tests of an external-flow jet-augmented flap test bed with a turbojet engine	1959
19890068363	Departure trajectories for interplanetary vehicles	1959
19890068364	Methods and velocity requirements for the rendezvous of satellites in circumplanetary orbits	1959
19890068366	Effects of water-landing impact on an orbital capsule from the standpoint of occupant protection	1959
19890068369	Control of combustion-chamber pressure and oxidant-fuel ratio for a regeneratively cooled hydrogen-fluorine rocket engine	1959
19890068373	High-temperature tensile properties of wrought sintered tungsten	1959
19890068382	Application to fluid dynamics of the theory of reversible heat addition	1959
19890068383	Investigation of the effect of a guide-vane-rotor combination on inlet total-pressure distortions in a compressible fluid	1959
19890068385	Analysis of temperature distribution and radiant heat transfer along a rectangular fin of constant thickness	1959
19890068391	Investigation of high-speed impact: Regions of impact and impact at oblique angles	1959
19890068423	Full-scale wind-tunnel investigation of the longitudinal characteristics of a tilting-rotor convertiplane	1959
19890068424	Effects of body and fin deflections on the aerodynamic characteristics in pitch of a .065-scale model of a four-stage rocket configuration at Mach numbers of 1.41 and 1.82	1959
19890068425	An evaluation of linearized vortex theory as applied to single and multiple rotors hovering in and out of ground effect	1959
19890068426	Experimental investigation of the pressure fluctuations on a flat plate and a cylinder in the slipstream of a hovering rotor	1959
19890068427	Wind-tunnel calibrations of a combined Pitot-static tube, vane-type flow-direction transmitter, and stagnation-temperature element at Mach numbers from 0.60 to 2.87	1959
19890068445	Thermal-stress fatigue cracking of turbine buckets operated at 1700 F in a turbojet engine with frequent starts and stops	1959
19890068446	Analysis of the dynamic lateral stability of a delta-wing airplane with frequency-dependent stability derivatives	1959
19890068451	Importance of the variation of drag with lift in minimization of satellite entry acceleration	1959
19890068452	Performance investigation of a nonpumping rocket-ejector system for altitude simulation	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19890068457	Tensile properties of 6Al-4V titanium-alloy sheet under rapid-heating and constant-temperature conditions	1959
19890068459	Axial-load fatigue tests of 2024-T3 and 7075-T6 aluminum-alloy sheet specimens under constant- and variable-amplitude loads	1959
19890068473	Experimental investigation of air film cooling applied to an adiabatic wall by means of an axially discharging slot	1959
19890068492	Single-degree-of-freedom simulator investigation of effects of summing display-instrument signals on man-machine control	1959
19890068516	A dynamic model investigation of the effect of a sharp-edge vertical gust on blade periodic flapping angles and bending moments of a two-blade rotor	1959
19890068517	A limited flight and wind-tunnel investigation of paddle spoilers as lateral controls	1959
19890068518	Methods of predicting laminar heat rates on hypersonic vehicles	1959
19890068526	Consideration of some aerodynamic characteristics during take-off and landing of jet airplanes	1959
19890068528	The interpretation of nonlinear pitching moments in relation to the pitch-up problem	1959
19890068557	Free fall and evaporation of JP-4 jet fuel droplets in a quiet atmosphere	1959
19890068567	Unsteady stagnation-point heat transfer	1959
19890068568	Evolution of amplified waves leading to transition in a boundary layer with zero pressure gradient	1959
19890068569	Experimental and analytical investigation of heat-transfer characteristics of a return-flow air-cooled turbine rotor blade	1959
19890068580	An investigation of nonpropagating fatigue cracks	1959
19890068581	Rotating-beam fatigue tests of notched and unnotched 7075-T6 aluminum-alloy specimens under stresses of constant and varying amplitudes	1959
19890068626	The effects of various combinations of damping and control power on helicopter handling qualities during both instrument and visual flight	1959
19890068629	Heterogeneous combustion of multicomponent fuels	1959
19890068701	Chemical sampling downstream of lean, flat hydrogen and propane flames	1959
19890068709	Lubrication of corrosion-resistant alloys by mixtures of halogen-containing gases at temperatures up to 1200 F	1959
19890068836	Fatigue damage during complex stress histories	1959
19890068917	Calculation of supersonic flow past bodies supporting shock waves shaped like elliptic cones	1959
19890068918	Experimental pressure distributions over blunt two- and three-dimensional bodies having similar cross sections at a Mach number of 4.95	1959
19890068919	Heat-transfer measurements at a Mach number of 2 in the turbulent boundary layer on a flat plate having a stepwise temperature distribution	1959
19890068926	An examination of methods of buffeting analysis based on experiments with wings of varying stiffness	1959
19890068927	Investigation of methods for computing flutter characteristics of supersonic delta wings and comparison with experimental data	1959
19890068933	Analysis of the transient radiation heat transfer of an uncooled rocket engine operating outside Earth's atmosphere	1959
19890068952	Investigation of vibration characteristics of circular-arc monocoque beams	1959
19890069004	Effect of forward velocity on sound-pressure level in the near noise field of a moving jet	1959
19890069017	A flight study of the conversion maneuver of a tilt-wing VTOL aircraft	1959
19890069030	Approximate composition and thermodynamic properties of nonionized nitrogen-oxygen mixtures	1959
19900066158	Aeronautical dictionary	1959
19900068712	Further comments on high-lift testing in wind tunnels with particular reference to jet-blowing models	1959
19930074208	Some considerations of aircraft configurations suitable for long-range hypersonic flight	1959
19930078713	Problems relating to hypersonic cruise aircraft	1959
19980223590	Several Methods for Aerodynamic Reduction of Static-Pressure Sensing Errors for Aircraft at Subsonic, Near-Sonic, and Low Supersonic Speeds	1959
19980223622	An Approximate Analytical Method for Studying Entry into Planetary Atmospheres	1959
19980223995	Aerodynamic Characteristics at Mach Numbers from 1.6 to 2.8 of 74 deg. Swept Arrow Wings with and without Camber and Twist	1959
19980227085	Upwash Characteristics at Several Stations on a Blunted Cone-Frustum-Cylinder Model at Mach Numbers from 1.60 to 4.65	1959
19980227177	Propellant Vaporization as a Design Criterion for Rocket-Engine Combustion Chambers	1959
19980227356	Local Instability of the Elements of a Truss-Core Sandwich Plate	1959
19980227842	A Phenomenological Theory for the Transient Creep of Metals at Elevated Temperatures	1959
19980227978	An Improved First-Approximation Theory for Thin Shells	1959
19980228157	The Theory of Diffusion in Strained Systems	1959
19980228190	Ground Reflection of Jet Noise	1959
19980228195	The Phenomenon of Change in Buckle Pattern in Elastic Structures	1959
19980228319	Static Lift, Drag, and Pitching-Moment Characteristics of Wings with Arrow and Modified-Diamond Plan Forms Combined with Several Different Bodies at Mach Numbers of 2.97, 3.35 and 3.71	1959
19980228445	Boundary-Layer Stability Diagrams for Electrically Conducting Fluids in the Presence of a Magnetic Field	1959
19980230615	The Airplane as an Object of Control: Block Diagrams of the Equations of Perturbed Airplane Motion	1959
19980230622	Optimum Airplane Flight Paths	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19980231019	Similar Solutions for the Compressible Boundary Layer on a Yawed Cylinder with Transpiration Cooling	1959
19980231033	The Characteristics of Hydrogen and Water as Working Gases For Reactor-Heated Rocket Motors	1959
19980231052	Piecemeal Solutions in the Programming of Optimal Flight Trajectories	1959
19980231053	On the Temperature Distribution Behind Cylinders in a Flow	1959
19980232074	Turbulent Boundary Layer on a Yawed Cone in a Supersonic Stream	1959
19980232190	Stability of a Horizontal Fluid Layer with Unsteady Heating from Below and Time-Dependent Body Force	1959
19980232192	A Study of Some Factors Affecting Rolling-Contact Fatigue Life	1959
19980232228	Distribution of Heat Transfer on a 10 deg Cone at Angles of Attack from 0 deg to 15 deg for Mach Numbers of 2.49 to 4.65 and a Solution to the Heat-Transfer Equation that Permits Complete Machine Calculations	1959
19980232921	Application of Morse Potential Function to Cubic Metals	1959
19980232924	Effect of a Stringer on the Stress Concentration Due to a Crack in a Thin Sheet	1959
19980235550	Nearly Circular Transfer Trajectories for Descending Satellites	1959
19980237039	Approximations for the Thermodynamic and Transport Properties of High-Temperature Air	1959
20020016533	The Investigation of Titanium-Base Alloys and Structures for Armor Plate	1959
20020018547	The Investigation of Titanium-Base Alloys and Structures for Armor Plate	1959
20020018548	The Investigation of Titanium-Base Alloys and Structures for Armor Plate	1959
20020020238	US Army Requirements for Titanium Alloys with Respect to Vehicular Applications	1959
20030067234	Theory of the Double-Gyroscopic Vertical	1959
20030067249	On the Stability of a Panel Moving in a Gas	1959
20030067255	The State of a Solid Body	1959
20030067423	Deleted record	1959
20030067557	Low-Speed Investigation of Blowing from Nacelles Mounted Inboard and on the Upper Surface of an Aspect-Ratio-7.0 35-degree Swept Wing with Fuselage and Various Tail Arrangements	1959
20030068310	Wall Turbulence	1959
20030068511	Nonlinear Airfoil Theory for Rectangular Wings in Incompressible Flow	1959
20060056397	Derivation and Tabulation of Molecular Integrals	1959
20080021721	Derivation and Tabulation of Molecular Integrals. Supplement I - Tables for Two-Center One-Electron Nuclear-Attraction, Overlap, and Potential- and Kinetic-Energy Integrals	1959
20090006711	Analysis of Turbulent Flow and Heat Transfer in Noncircular Passages	1959
20090017489	Effect of Flow Incidence and Reynolds Number on Low-Speed Aerodynamic Characteristics of Several Noncircular Cylinders with Applications to Directional Stability and Spinning	1959
20090032650	Practical Solution of Plastic Deformation Problems in Elastic-Plastic Range	1959
20100042164	Static Stability and Control Characteristics of a 0.5-Scale Model of the Hughes GAR-11 Missile at Mach Numbers from 0.8 to 1.4 (Coord. No. AF-AM-162)	1959
20110000484	A Resume of Electrode Development at NASA, Lewis	1959
20110000858	Static Stability and Control Characteristics of a 0.5 Scale Model of the Hughes GAR-11 Missile at Mach Number from 2.5 to 3.5	1959
20110006884	Static Stability and Control of Canard Configurations at Mach Numbers from 0.70 to 2.22 - Lateral - Directional Characteristics of an Unswept Wing and Canard	1959
20120001393	Catalytic Surface Recombination of Atomic Oxygen	1959
20130014081	Model Specification Delta Space Research Vehicle	1959
20130014217	NASA Space Programs	1959
20130014390	Summary of the Longitudinal Stability Characteristics of the Mercury-Little Joe Configurations M = 0.05 to M = 6.83	1959
20140000160	Turbulent Skin Friction at High MACH Numbers and Reynolds Numbers	1959
20140000215	NACA Research on VTOL and STOL Aeroplanes	1959
20140000263	The NASA Space Sciences Program	1959
20140000264	Sound Emission from Jets at High Subsonic Velocities	1959
20140000266	A Water-cooled Nozzle for a Large Solid-Propellant Rocket Motor	1959
20140000287	Some Near- and Far-Field Noise Measurements for Rocket Engines Operating at Different Nozzle Pressure Ratios	1959
20140000288	Shielding Flap Type Jet Engine Noise Suppressor	1959
20140000351	Interstage Control Surfaces for Minimizing Booster Modifications to Accept D.S. Type Payloads	1959
20140000353	Some Aspects of Booster Design for Winged Payloads	1959
20140000355	Dyna-Soar 1 System Airframe Structural Design Criteria Specification	1959
20140000470	Review of Research of Research Programs Applicable to Dyna Soar	1959
20150010078	The Sterilization of Space Vehicles to Prevent Extraterrestrial Biological Contamination	1959
20150010292	Basic Research Efforts in Astro-Biology	1959
20150012765	Vega Project: Second Stage Propulsion	1959
20150012806	Project Mercury Status Report	1959
20150012820	Mercury-Redstone Capsule Dispersion Study for Preliminary 11G Type Trajectory	1959
20150012821	Mercury-Redstone Abort Study for Preliminary 11g Type Trajectory	1959
20150012885	Project Mercury - Results of Recovery Beacon Test Number 3	1959
20150012973	Delta Monthly Technical Progress Report, Issue Number 5	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013455	[Letter Covering Progress on the Solid Propellant Booster Study]	1959
20150013456	Tracking and Ground Instrumentation Systems for Project Mercury: Specification No. S-45B	1959
20150013785	Model Specification for Project Vega Second Stage Vehicle Convair Model 57	1959
20150013795	Design and Construction of a Lunar Seismograph	1959
20150013805	International Control, Scientific Co-Operation and Legal Aspects of Outer Space: A Summary of Developments	1959
20150013841	Military Space Project - Report of Progress	1959
20150013866	Mercury Ground Range External Communications Plan	1959
20150014052	Crystal Atom Spacing and the Wavelength of an Incident Atom Beam	1959
20150014108	Three Degree of Freedom Dynamic Trajectories for 80 Degree and 90 Degree Launch-Pad Abort Conditions with Various Wind Conditions	1959
20150014111	Proposed Launch Site for Thor Delta at Pacific Missile Range	1959
20150014158	General Test Plan For Delta Space Research Vehicle	1959
20150014300	Effect of Combustor Length on Afterburner Combustion	1959
20150014363	The USNCIGY-NACA Earth Sub-Satellite Experiment	1959
20150014376	Comment on Nonlinear Pressure Method for Unsteady Aerodynamic Forces	1959
20150014667	Noise Suppressors for Jet Engines	1959
20150015133	Astronautics Information - Radio Astronomy	1959
20150015514	Control Feed-Back Flutter Analysis Saturn 3, 4 (Atlas Second Stage) Using Edcliff Angle-of-attack Meter for Alpha Control	1959
20150015520	ARPA Order Number 14-59	1959
20150015559	Project Mercury Mission Document for Mercury-Redstone No. 1 (MR-1)	1959
20150015744	The Analytical Theory of Characteristics of Inviscid Gas Dynamics	1959
20150015749	Annual Research Task Summary 1959 - Volume I: Biological, Medical, Social and Behavioral Sciences and Operations Research	1959
20150015821	The Transformation of Earth-Referenced Data to Inertial Coordinate Systems	1959
20150015862	Wind-Tunnel Test Results on a Small Scale-Model Helicopter Rotor Over the Useful Range of Positive Rotor Angles of Attack and a Comparison with Theory	1959
20150015864	Techniques of Synchronizing Widely Separated Clocks	1959
20150015913	Military Handbook: Composite Construction for Flight Vehicles - Part 1 Fabrication, Inspection, Durability, and Repair	1959
20150016049	Interim Report Covering Task Five, Range Planning Study for Project Mercury	1959
20150016097	Study of Stability and Control Characteristics of Atmosphere-Entry Type Aircraft Through use of Piloted Flight Simulators	1959
20150016098	Considerations in the Design of a Steady DC Plasma Accelerator	1959
20150016099	National Aeronautics and Space Administration Considerations in the Design of a Steady DC Plasma Accelerator	1959
20150016100	Elimination of Noise in the Heat Exchanger of a Supersonic Wind Tunnel	1959
20150016101	Effect of Condensation on Conventionally Insulated Cryogenic Tanks	1959
20150016102	The Effect of Vapor Drag on Rotating Condensation	1959
20150016103	An Experimental Method of Measuring Intensity of Turbulence in a Rocket Chamber	1959
20150016104	Heat Transfer in Separated Flows	1959
20150016105	Evaluation of a Cast Nickel-Base Alloy for Use as a Turbine Bucket Material at 1650 F	1959
20150016106	Heat Transfer from Transverse and Yawed Cylinders in Continuum, Slip and Free Molecule Air Flows	1959
20150016136	Semiannual Technical Summary Report on ARPA Orders 14-59 and 47-59, from Inception of the Program Through 30 June 1959	1959
20150016138	Transit/Tiros Second and Third Stage Electrical System Analysis	1959
20150016220	Letter Report No. 5, for April 1959	1959
20150016580	Reliability of Satellite Determined Earth Constants	1959
20150016639	Determination of Emissivity of Materials	1959
20150016881	Radiation Measurements to 658,300 Kilometers with Pioneer IV	1959
20150016895	Signal-to-Noise Considerations for a Space Telemetry System	1959
20150016900	Electric Space Propulsion	1959
20150016939	Determination of Emissivity of Materials	1959
20150017468	On the Surface of the Moon	1959
20150017503	Effectiveness of Radiation as a Structural Cooling Technique for Hypersonic Vehicles	1959
20150017504	A Study of the Effects of Wind Speed, Lapse Rate, and Altitude on the Spectrum of Atmospheric Turbulence at Low Altitude	1959
20150017505	Turbopumps for High-Energy Propellants	1959
20150017506	The Airplane as a Research Tool	1959
20150017507	Effect on Injection of Foreign Gases on the Skin Friction and Heat Transfer of the Turbulent Boundary Layer	1959
20150017508	Some General Considerations of the Heating of Satellites	1959
20150017520	Determination of Satellite Orbits from Radio Tracking Data	1959
20150017541	Fundamental Flight Dynamics and Staging	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017585	Modification of Sergeant Maintenance Concept for Optimum Allocation of Capabilities	1959
20150017586	Presentation on the Jet Propulsion Laboratory Portion of the NASA Space Flight Development Program	1959
20150017587	The Environment of a Satellite	1959
20150017690	A Preliminary Report on Sharp Notch and Smooth Tensile Characteristics for a Number of Ultra High Strength Steel Sheet Alloys	1959
20150017691	Interactions Between Oxygen and Nitrogen: O-N, O-N ₂ , and O ₂ -N ₂	1959
20150017720	Interplanetary Trajectory by the Encke Method Programmed for the IBM 704	1959
20150017724	Mercury Tracking and Ground Instrumentation Systems	1959
20150017766	Mercury Tracking and Ground Instrumentation Systems	1959
20150017769	Interim Definitive Orbit for the Satellite 1959-Iota, Explorer-VII	1959
20150017775	NASA Research on Plasma Accelerators	1959
20150017776	Instrumentation for Space Magnetic Field Studies	1959
20150017778	Qualification Tests on the Big Joe Recovery System	1959
20150017796	Ionizing Radiation at Altitudes of 3,500 to 36,000 Kilometers - Pioneer I	1959
20150017982	Heat Transfer from Yawed Cylinders in Rarefied-Air Flows	1959
20150018013	Mercury Tracking and Ground Instrumentation Systems	1959
20150018014	Mercury Tracking and Ground Instrumentation Systems	1959
20150018016	Mercury Tracking and Ground Station Instrumentation Systems	1959
20150018150	Photographic and Television Equipment and Techniques Adaptable to Space Flight	1959
20150018163	Meissner Effect, Penetration Depth, and Residual Magnetism in Superconductors	1959
20150018168	Precision Frequency Control - A Communications Requirement of the Space Age	1959
20150018176	Some Runway Roughness Studies in the Aeronautical Field	1959
20150018179	Boundary Layer Flow Visualization Tests in the Low Speed Wind Tunnel	1959
20150018180	A National Program to Meet Satellite and Space Vehicle Tracking and Surveillance Requirements	1959
20150018182	Error Analysis	1959
20150018185	Diisocyanate Linked Polymers	1959
20150018186	Volumetric Determination of Hydroxyl in Polypropylene Glycols	1959
20150018191	National Aeronautics and Space Administration Office of Space Sciences Discussion Group on Relativity Investigations	1959
20150018192	Response of Structures to High Intensity Noise	1959
20150018201	Problem of Flow Existence and Stability in Magnetohydrodynamics	1959
20150018215	Future Range and Flight Test Area Needs for Hypersonic and Orbital Vehicles	1959
20150018217	Use of Patched Conics to Determine Pre-Flight Interplanetary Trajectories	1959
20150018220	Educational Leadership in and for the Space Age	1959
20150018222	A Rocket for Manned Lunar Exploration	1959
20150018224	Extramural Science and Research Activities of the National Aeronautics and Space Administration	1959
20150018225	Pioneer IV Reaches First Aphelion	1959
20150018231	A Patched Conic Computation Program for Interplanetary Trajectories	1959
20150018235	First-Order Perturbation Method in the Evaluation of Missile System Stability	1959
20150018236	Combined Forced and Free Convection in a Boundary Layer Flow	1959
20150018242	Some Applications of Photographic Instrumentation to Propulsion Research at the NASA Lewis Research Center	1959
20150018449	Radiation Shielding Problems in a Manned Spaceflight	1959
20150018456	Instrumentation for a Thermal Radiation Budget Satellite	1959
20150018465	Round Trip Trajectories for Mars Observation	1959
20150018483	Special Problems of Spin Research	1959
20150018495	The Doppler Method of Satellite Tracking	1959
20150018521	Analysis of a Fuel-Air Combustion Mixture by Infrared Spectroscopy	1959
20150018526	The Effect of Argon and Helium on the Thermal Conductivity of the N ₂ O ₄ -2NO ₂ Equilibrium System	1959
20150018613	The Supersonic Transport: A Technical Summary	1959
20150018636	Project Mercury Preliminary Study Using Inflatable Spheres for Aerodynamic Stabilization of the Mercury Capsule During Reentry	1959
20150018647	On the Stability of a Shear Layer	1959
20150018658	Interplanetary Post-Injection Guidance	1959
20150018659	The Liouville Equation for a Weakly Interacting Quantum Gas Possessing Internal Degrees of Freedom	1959
20150018809	Instrumentation for Space Science Research	1959
20150018812	Space Knowledge, and Its Impact on Future Research	1959
20150018815	Reduced Variable Treatment for Non-Linear Viscoelastic Systems	1959
20150018819	On the Requirements of the Manned Interplanetary Vehicle	1959
20150018841	Refractory Materials for High Temperature Nuclear Reactor Fuel Elements	1959
20150018843	A Method for Predicting the Rate of Fatigue Crack Propagation	1959
20150018847	Two-Dimensional Analysis of Interplanetary Flight Schedules	1959
20150018937	NASA Outline of Shell Instability Problem	1959
20150018946	Some Comments on the Phenomena of High-Speed Impact	1959
20150018950	Vaporization of Propellants in Rocket Engines	1959

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150018958	Experimental Investigations of Electromagnetically Induced Detonations	1959
20150018967	Convective Heat Transfer Through Three-Dimensional Non-Steady Boundary Layers with Fluid Injection	1959
20150018968	Communication System Problems in the S-Plane	1959
20150018969	Capacitance Type Displacement Probe	1959
20150018972	Soft Electrons Detected by the Explorer VI Earth Satellite	1959
20150018977	Flying Qualities Associated with Several Types of Command Flight Control Systems	1959
20150018978	Spectrometric Determination of Chlorate Impurities in Ammonium Perchlorate	1959
20150018983	The Estimation of the Darkness of Smoke by Visual Methods	1959
20150018987	Planets of Other Suns	1959
20150019340	Recent Trends in Aeronautics and Space Research in the United States	1959
20150019597	Basic Research to Improve Bearings by Control of Fibre Orientation	1959
20150019810	The Nonexistence of the Transonic Potential Flow	1959
20150019812	Problems of High Energy Propellants for Rockets	1959
20150019815	The Design Characteristics of Inflatable Aluminized-Plastic Spherical Earth Satellites with Respect to Ultraviolet, Visible, Infrared and Radar Radiation	1959
20150019829	The Elements of a Deep-Space Tracking System: The Tracking of Pioneer IV	1959
20150019960	Dispersion Strengthened Materials	1959
20150019961	Hypersonic Viscous Flow over Slender Cones	1959
20150019990	Investigation of Jet Engine Noise Suppressors for Transport Aircraft	1959
20150020400	Static Longitudinal and Lateral Stability Characteristics of a 0.125-Scale Model of the North American Aviation WS-131-B at Mach Numbers from 1.55 to 2.20 (Coord. No. AF-AM-147)	1959
20150020416	Results of a Wind-Tunnel Investigation of a 1/20-Scale Model of the Goodyear ZPG-3W Airship with Fin-Mounted and Conventional Car-Mounted Engines (TED No. NASA AD 3141)	1959
20150020423	A Possible Mechanism for the Production of O ₂ ⁺ *(sup 3) Sigma(sub u) -) in Flames	1959
20150020527	A 960-MC Lunar Transmitter	1959
20150020532	Satellite and Space Probe Experiments	1959
20150021020	Achieving Satellite Rendezvous	1959
20150021154	Generalized-Newtonian Theory	1959
20150021176	Impact of the Space Age on Society	1959
20150021177	Magnetic Damping of Rotation of Satellite 1958-Beta 2	1959
20150021178	Address by Ira H. Abbott, Deputy Director, Office of Aeronautical and Space Research before the Martin Company 1959 Armed Forces Day Program	1959
20150021179	[NASA Deputy Director Address Before the Aviation Writer's Association]	1959
20150021224	Status Report: NASA Project Mercury (Mercury Atlas Phase)	1959
20150021327	The Effect of Plastic Deformation on the Diffusion of Hydrogen in Nickel	1959
20150021328	Fast Molecular Nitrogen Beam	1959
20150021332	Address by T. Keith Glennan Administrator National Aeronautics and Space Administration Before the American Gas Association	1959
20150021340	Polaris: Drag Measurements of a 1/3 - Scale Reentry Body with Rocket-Boosted Models in Free Flight at Mach Numbers from 2.8 to 0.6	1959
20150021341	Low-Speed Longitudinal Characteristics of an Airplane Configuration Including Effects of Canard and Wing Trailing-Edge Flap Controls in Combination	1959
20150022952	Photographic Technique of Surface Temperature Measurement	1959
20150022959	A General Method for Automatic Computation of Equilibrium Compositions and Theoretical Performance of Propellants	1959
20150022977	Effect of Cold Rolling and Stress Relief on the Sharp Edge Notch Tensile Characteristics of Austenitic Stainless Steel Sheet Alloys	1959
20160000180	The Nature of the Surface of the Planets and of the Moon	1959
20160000182	An Approach to Improvement of the Fatigue Situation	1959
20160000186	Atmosphere Entry and Nose Cones	1959
20160000498	Solar Effects in the Motion of Vanguard	1959
20160000505	NASA Scientists Uncover New Facts on Shape of Earth	1959
20160000745	Transonic and Supersonic Divergence Characteristics of Low-Aspect-Ratio Wings and Controls	1959
20160000908	On the Motion and Ablation of Meteoric Bodies	1959
20160000998	Photographic Technique of Surface Temperature Measurement	1959
20160000999	Thermodynamic and Transport Properties of High-Temperature Air	1959
20160001018	Structural Design Criteria for the Atlas - VEGA and CENTAUR Vehicles	1959
20160013593	Saturn Performance Study	1959
20160013606	Proposal to Study Orbital Fueling Techniques	1959
20160014786	Project Mercury Indoctrination	1959
20170000914	Preliminary Optimization of Saturn (U)	1959
19620000828	Optimum On-Off Control of Second- and Third-Order Nonlinear Processes	1960
19620001878	PHOTOGRAPHY AND ANALYSIS OF TIME VARIATION IN DROP SIZE DISTRIBUTION OF A LIQUID SPRAY	1960
19620004536	NATIONAL AERONAUTICAL LABORATORY, 1955-1959	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620005352	Effect of Nuclear Radiation on Materials At Cryogenic Temperatures	1960
19620005768	Magneto-Fluid Dynamics	1960
19620005809	Geophysical Effects of the Trapped Particle Layer	1960
19620005816	Flow in Direct-Current Electromagnetic Pumps	1960
19620008231	ADVANCE THE STATE OF THE ART ON LIGHTWEIGHT HARD PARTS FOR SOLID PROPELLANT ROCKET MOTORS. <SECOND< QUARTERLY PROGRESS REPT., 15 SEPT. THROUGH 15 DEC. 1960	1960
19620008269	STORABLE HIGH PERFORMANCE LIQUID BI-PROPELLANT SYSTEMS - PROJECT TORO FINAL REPORT, VOLUME 1, PART 1	1960
19620008270	STORABLE HIGH PERFORMANCE LIQUID BI-PROPELLANT SYSTEMS - PROJECT TORO FINAL REPORT, VOL. 1, PT. 2	1960
19620009105	EVALUATION OF EXTENDED ENVIRONMENT PROPELLANTS /U/. FINAL REPORT, PERIOD- 1 AUG. 1960 THROUGH 30 NOV. 1961	1960
19620009247	THE BEHAVIOUR OF GLASS REINFORCED POLYESTER LAMINATES IN TENSION	1960
19630004022	Experimental Investigation of a Transonic Compressor Cascade and Test Results for Four Blade Sections	1960
19630004810	LARGE-SCALE WIND-TUNNEL STUDIES OF SEVERAL VTOL TYPES	1960
19630004814	GROUND INTERFERENCE EFFECTS	1960
19630004817	HANDLING QUALITIES EXPERIENCE WITH SEVERAL VTOL RESEARCH AIRCRAFT	1960
19630007377	OBSERVATIONS ON THE FLOWS PAST BLUNT BODIES AT TRANSONIC SPEEDS	1960
19630007378	AERODYNAMIC AND HYDRODYNAMIC CHARACTERISTICS OF A PROPOSED SUPERSONIC MULTIJET WATER-BASED HULL-TYPE AIRPLANE WITH A VARIABLE INCIDENCE WING	1960
19630007379	HYPERSONIC LONGITUDINAL TRIM, STABILITY, AND CONTROL CHARACTERISTICS OF A DELTA-WING CONFIGURATION AT HIGH ANGLES OF ATTACK	1960
19630008111	WIND-TUNNEL INVESTIGATION AT MACH NUMBERS FROM 0.50 TO 1.14 OF THE STATIC AERODYNAMIC CHARACTERISTICS OF A MODEL OF A PROJECT MERCURY CAPSULE	1960
19630008112	WIND-TUNNEL INVESTIGATION OF THE STATIC AND DYNAMIC-ROTARY STABILITY DERIVATIVES OF A FLAT-TOP WING-BODY MODEL AT MACH NUMBERS OF 2.5, 3.0 AND 3.5	1960
19630008113	WIND-TUNNEL INVESTIGATION OF STATIC AERODYNAMIC CHARACTERISTICS OF A 1/9-SCALE MODEL OF A PROJECT MERCURY CAPSULE AT MACH NUMBERS FROM 1.60 TO 4.65	1960
19630008116	REVIEW OF TECHNIQUES APPLICABLE TO THE RECOVERY OF LIFTING HYPERVELOCITY VEHICLES	1960
19630008117	PRESSURE DISTRIBUTION ON TWO MODELS OF A PROJECT MERCURY CAPSULE FOR A MACH NUMBER RANGE OF 1.60 TO 6.01 AND AN ANGLE-OF-ATTACK RANGE OF 0 DEG TO 180 DEG	1960
19630008162	INVESTIGATION OF THE CHARACTERISTICS OF 6-FOOT DROGUE-STABILIZATION RIBBON PARACHUTES AT HIGH ALTITUDES AND LOW SUPERSONIC SPEEDS	1960
19630008445	AN APPROACH TO CORRELATE PULSED RADAR AND PHOTOGRAPHIC DATA	1960
19630011238	LUNAR TV CAMERA MANIPULATOR,	1960
19630011461	Ground Equipment to Support the Saturn Vehicle	1960
19630011604	Chemical Equilibria and Reaction Rates at High Pressures	1960
19630016136	Comparison of Constant-Level and Randomized-Step Tests of Full-Scale Structures as Indicators of Fatigue-Critical Components	1960
19630026633	Electric Power Generation Systems for Use in Space	1960
19630031183	Tensile Behavior of Pyrolytic Boron Nitride to 2200 DEG C	1960
19630031655	EFFECTS OF METEOROIDS AND HYPERVELOCITY PROJECTILES ON MULTI-WALLED SPACE VEHICLE AND MISSILE STRUCTURES	1960
19630032265	REACTION CONTROL SYSTEM SERVICING AND X-1 DAY CHECKS /CAPSULE 2/	1960
19630032728	THE FISSION-ELECTRIC CELL REACTOR CONCEPT	1960
19630032971	ANALYSIS OF ERROR PROGRESSION IN TERMINAL GUIDANCE FOR LUNAR LANDING	1960
19630033233	SPECTRAL ENERGY DISTRIBUTIONS OF THE MAJOR PLANETS	1960
19630034150	EXPERIMENTAL STUDIES ON BOWEN'S DECARBONATION SERIES. III- P-T UNIVARIANT EQUILIBRIA OF THE REACTION SPURRITE PLUS MONTICELLITE # MERWINITE PLUS CALCITE	1960
19630034406	DELTA RANGE SAFETY TRAJECTORY AND AERODYNAMIC DATA FOR THE SYNCOM A-26 SPACECRAFT MISSION MODEL DSV-3B, VOLUME II	1960
19630034721	POST INJECTION TRACKING OF A LUNAR IMPACT TRAJECTORY	1960
19630035889	MANUFACTURING PLAN FOR SATURN 70-INCH DIAMETER OXIDIZER AND FUEL TANKS. VOLUME III- MANUFACTURING SPECIFICATIONS	1960
19630036026	THE MOTION OF A THIN OIL SHEET UNDER THE BOUNDARY LAYER ON A BODY	1960
19630037177	NASA-Industry Program Plans Conference, September 27-28, 1960	1960
19630038074	Quarterly Progress Report on NASA Request HS-175 for First Quarter Cy-60, 1 January Through 31 March 1960 [Space Supporting Research Program]	1960
19630038172	A New Look at the Moon	1960
19630038199	System Capabilities and Development Schedule of the Deep Space Instrumentation Facility 1961-1966	1960
19630038215	THE SHAPE OF TOMORROW	1960
19630039315	RESEARCH SUMMARY NO. 36-5, VOLUME I FOR THE PERIOD AUGUST 1, 1960 TO OCTOBER 1, 1960	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630039653	THE RADIATION BALANCE OF VENUS	1960
19630039656	WELDING OF A TITANIUM ALLOY SOLID PROPELLANT ROCKET MOTOR CASE	1960
19630039746	AN ANALYSIS OF THE THERMODYNAMIC CYCLE AND POSSIBLE WORKING FLUIDS FOR A SPACE HEAT REJECTION SYSTEM	1960
19630039751	REVISED CALENDAR OF PLANETARY PHENOMENA FOR SPACE MISSION PLANNING	1960
19630039770	A STUDY OF A SIMPLIFIED ATTITUDE CONTROL SYSTEM FOR A 24-HOUR SATELLITE	1960
19630039781	TWO METHODS OF SPACE VEHICLE ATTITUDE CONTROL EMPLOYING FLYWHEEL REACTION TORQUES	1960
19630039784	ONE-AXIS RADIO ATTITUDE SENSOR	1960
19630039786	OVER-ALL ECONOMY COMPARISON OF TWO-STAGE CHEMICAL-NUCLEAR AND THREE-STAGE CHEMICAL ORBITAL CARRIER VEHICLES	1960
19630039997	Second-Order Faraday Rotation Formulas	1960
19630040027	Power Generation by Means of the "Electric Wind"	1960
19630040726	INSTRUCTION MANUAL P-14 GROUND RECEIVING SYSTEM /REVISION 1/	1960
19630040728	INTERPLANETARY INJECTION GUIDANCE	1960
19630040737	FEASIBILITY STUDY OF THIN PLASTIC MEMBRANE MIRRORS FOR SATELLITE USE	1960
19630041098	SPACE COMMUNICATIONS	1960
19630041110	SATELLITE ORBITAL DATA	1960
19630041112	SATELLITE ORBITAL DATA RESEARCH IN SPACE SCIENCE	1960
19630041113	THE EFFECT OF A VARIABLE SCALE HEIGHT ON DETERMINATIONS OF ATMOSPHERIC DENSITY FROM SATELLITE ACCELERATIONS	1960
19630041114	Research in Space Science. Special Report No. 32	1960
19630041125	SATELLITE ORBITAL DATA RESEARCH IN SPACE SCIENCE	1960
19630041127	Meteoritic Dust Measured from Explorer I	1960
19630041157	FINAL REPORT, FOR THE PERIOD FEB. 11, 1959 TO FEB. 11, 1960 <TEST AND EVALUSTION OF THE PERFORMANCE OF A SATELLITE-BORNE VERSION OF A TIME OF FLIGHT MASS SPECTROMETER<	1960
19630041175	PREDICTION OF MAN'S VISION IN AND FROM THE MERCURY CAPSULE	1960
19630041178	CATALOGUE OF SATELLITE OBSERVATIONS NO. C-13	1960
19630041244	INTRODUCTION INTO THE CONCEPT OF THE ADAPTIVE GUIDANCE MODE	1960
19630041287	SPIN REDUCTION FOR ION PROBE SATELLITE S-30 19D	1960
19630041317	CATALOGUE OF SATELLITE OBSERVATIONS NO. C-14	1960
19630041328	SOME CONSIDERATIONS FOR THE SELECTION OF UPPER-STAGE PROPELLANTS	1960
19630041361	REPORT TO THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION ON THE LAW OF OUTER SPACE	1960
19630041363	Diffusion of Gases Through Materials	1960
19630041484	Monthly Progress Report on CENTAUR Guidance System Project	1960
19630041626	DESIGN CONSIDERATIONS FOR THE EXPLORER VI PAYLOAD STRUCTURE	1960
19630041762	MAGNETISM AND MAGNETIC PROPERTIES. LITERATURE SEARCH NO. 186	1960
19630041839	EXPERIMENTAL INVESTIGATION OF EXHAUST DIFFUSERS FOR ROCKET ENGINES	1960
19630041901	ASTRONAUTICS INFORMATION- COSMIC RAY MEASUREMENTS AND MEASURING DEVICES	1960
19630041903	CATALOGUE OF SATELLITE OBSERVATIONS NO. C-18	1960
19630041905	ACCELERATED PRECIPITATION IN FATIGUE OF PRECIPITATION HARDENING ALLOY ALUMINUM 4 PER CENT COPPER	1960
19630041906	Catalogue of Satellite Observations, No. C-19	1960
19630041911	EVALUATION OF TELEMETRY RECORDS RECEIVED FROM EXPLORER VI AND PIONEER V	1960
19630041956	CATALOGUE OF SATELLITE OBSERVATIONS NO. C-16 RESEARCH IN SPACE SCIENCE	1960
19630041957	Rocket Power - Key to Space Supremacy	1960
19630041968	A NOVEL INTEGRATING SPHERE REFLECTOMETER FOR THE DETERMINATION OF ABSOLUTE HEMISPHERICAL SPECTRAL REFLECTANCE BETWEEN 0.2 AND 2.5 MICRONS - THE SOLAR SPECTRUM	1960
19630041982	THE ORBITS AND THE ACCELERATIONS OF SATELLITES 1959 ALPHA 1 AND 1959 ALPHA 2. RESEARCH IN SPACE SCIENCE	1960
19630042020	ANALYTIC AND COMPUTATIONAL ASPECTS OF DYNAMIC PROGRAMMING PROCESSED OF HIGH DIMENSION	1960
19630042023	Some Orbital Elements Useful in Space Trajectory Calculations	1960
19630042028	A COMPARISON OF NONCHEMICAL PROPULSION SYSTEMS FOR ROUND-TRIP MARS MISSIONS	1960
19630042046	THE ORBIT OF SATELLITE 1958 ALPHA EXPLORER I DURING THE FIRST 10500 REVOLUTIONS	1960
19630042048	A SATELLITE-BORNE MAGNETIC ELECTRON SPECTROMETER	1960
19630042049	Research Summary No. 36-2, Volume I, Part I	1960
19630042052	A VARIABLE ATMOSPHERIC-DENSITY MODEL FROM SATELLITE ACCELERATIONS	1960
19630042058	DESCRIPTION AND EVALUATION OF ANGULAR ENCODING SYSTEMS UTILIZED BY GOLDSTONE TRACKING ANTENNAS	1960
19630042062	ELECTRON DENSITY IN THE IONOSPHERE	1960
19630042063	Electron Density in the Ionosphere	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630042064	THE U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION'S SPACE RESEARCH PROGRAM	1960
19630042091	Fourth Semiannual Report To Congress Apr. 1 - Sept. 30, 1960	1960
19630042123	Astronautics Information. Plasma Physics and Magneto-Fluid-Dynamics	1960
19630042146	THE IMPACT OF ENGINEERING ON HUMAN WELFARE IN THE AGE OF SPACE EXPLORATION	1960
19630042165	Astronautics Information - Methods of Measuring Magnetic Fields	1960
19630042166	A GENERALIZED OHM'S LAW OF PLASMA	1960
19630042207	Biological and Artificial Intelligence	1960
19630042265	SUBTABULATED LUNAR AND PLANETARY EPHEMERIDES	1960
19630042303	A Lunar and Planetary Echo Theory	1960
19630042311	Tracking the Moon Probes	1960
19630042430	Research Summary No. 36-1, Volume I	1960
19630042432	Research Summary No. 36-4, Volume II	1960
19630042433	Reserach Summary No. 36-2, Volume I, Part II	1960
19630042434	Research in Space Science. Catalogue of Satellite Observations No. C-9	1960
19630042436	RESEARCH IN SPACE SCIENCE. CATALOGUE OF SATELLITE OBSERVATIONS, NO. C-17	1960
19630042437	RESEARCH IN SPACE SCIENCE. CATALOGUE OF SATELLITE OBSERVATIONS FOR JULY AND AUGUST, 1959	1960
19630042438	RESEARCH IN SPACE SCIENCE. CATALOGUE OF SATELLITE OBSERVATIONS, NO. C-8	1960
19630042439	RESEARCH IN SPACE SCIENCE. CATALOGUE OF SATELLITE OBSERVATIONS, NO. C-11	1960
19630042440	RESEARCH IN SPACE SCIENCE- CATALOGUE OF SATELLITE OBSERVATIONS NO. C-12	1960
19630042441	RESEARCH IN SPACE SCIENCE- CATALOGUE OF SATELLITE OBSERVATIONS NO. C-15	1960
19630042442	A HIGH VACUUM GAUGE CALIBRATION SYSTEM	1960
19630042764	Optical Satellite Tracking Program	1960
19630042952	REPORT ON TELEMETRY, CODING AND DATA PROCESSING SYSTEMS FOR THE ASTRONOMICAL ORBITING OBSERVATORIES PROJECT	1960
19630042970	CHARACTERISTICS OF THE EXTRATERRESTRIAL CURRENT SYSTEM- EXPLORER VI AND PIONEER V	1960
19630042998	PADADENA ORSAT METHOD FOR DETERMINING ETHYLENE OXIDE CONTENT IN STERILIZING GAS MIXTURES	1960
19630043121	STATUS OF ELECTRIC PROPULSION SYSTEMS FOR SPACE MISSIONS	1960
19630043208	Experimental Studies of Combustion Chamber and Feed System Stability During Throttling of a Regeneratively Cooled Liquid Hydrogen-Fluorine Rocket Engine	1960
19630043295	Electrodynamic Channel Flow	1960
19630043299	Project Mercury Background	1960
19630043454	COMPATIBILITY OF MATERIALS WITH HIGH TEMPERATURE POTASSIUM	1960
19630043533	A NATIONAL PROGRAM FOR A COMMERCIAL SUPERSONIC TRANSPORT AIRCRAFT	1960
19630043537	ABOUT THE POSSIBILITIES OF PLANT LIFE ON MARS	1960
19630043563	INVESTIGATION OF THE FAILURE WHICH OCCURRED DURING TESTING OF THE SIMULATED CENTAUR PROPULSION SYSTEM <NOV. 7, 1960<	1960
19630043582	HOT GAS CONTROL SYSTEMS	1960
19630043604	AIRSEARCH MISSILE AUXILIARY POWER UNITS	1960
19630043609	TRANSMISSION-LOSS PHASE - EVALUATION OF AURORAL PROPAGATION FACTORS SECOND INTERL REPORT, NOBEMBER 1, 1959 - FEBRUARY 29, 1960	1960
19630043639	LOW ACCELERATION TRANSFER ORBITS	1960
19630043644	A SURVEY OF DATA ON THE FATIGUE STRENGTH OF RIVETED LAP JOINTS IN ALUMINIUM ALLOY SHEET	1960
19630043648	FLIGHT TESTS TO DETERMINE THE COEFFICIENTS OF FRICTION BETWEEN AN AIRCRAFT TYRE AND VARIOUS WET RUNWAY SURFACES. PART 2- TRIALS ON A BRUSHED CONCRETE RUNWAY AT R.R.E. PERSHORE MINISTRY OF AVIATION, APR. 1960	1960
19630043652	AN EXTENSOMETER WITH CAMERA ATTACHMENT FOR HIGH SENSITIVITY CREEP TESTS	1960
19630043654	CONDENSATION IN THE ABSENCE OF GRAVITY FORCE	1960
19630043673	LONG BRANCH RADIO PROPAGATION TRANSMITTING STATION WWI AT HAVANA, ILLINOIS	1960
19630043677	EFFECT OF MAGNETIC FIELDS ON THERMIONIC POWER GENERATION	1960
19630043678	AFMTC INSTRUMENTATION HANDBOOK	1960
19630043681	THE DESIGN OF A DIGITAL SIMULATOR	1960
19630043701	EXPERIMENTAL INVESTIGATION FOR OBTAINING STABLE NEGATIVE IONS FIRST QUARTERLY PROGRESS REPORT FOR 6 SEPTEMBER 1960 THROUGH 6 DECEMBER 1960	1960
19630043714	FLIGHT FLUTTER TESTS	1960
19630043733	AN ABSOLUTE MICROWAVE REFRACTOMETER	1960
19630043734	NBS AIRBORNE MICROWAVE REFRACTOMETERS PROGRESS REPORT	1960
19630043873	PIEZOELECTRIC PRESSURE SENSING DEVICES	1960
19630043875	A CORRELATION OF SKIN-FRICTION MEASUREMENTS IN COMPRESSIBLE TURBULENT BOUNDARY LAYERS WITH INJECTION	1960
19630043876	A STUDY OF PLASTIC DEFORMATION IN FLAT NOTCH TENSION SPECIMENS AS FUNCTION OF STRENGTH LEVEL AND INITIAL STRESS CONCENTRATION FACTOR FINAL REPORT II	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630043889	DESIGN AND DEVELOPMENT OF ANALOG-TO-DIGITAL COMPUTERS, THIRD INTERIM TECHNICAL REPORT, 15 AUG. - 15 NOV. 1960	1960
19630043899	CALCULATED THERMAL IONIZATION AND ENTHALPY OF HYDROGEN, NITROGEN, AND ARGON AT ONE ATMOSPHERE PRESSURE IN THE 298-20,000 DEG K TEMPERATURE RANGE	1960
19630043902	INVESTIGATION OF FEASIBILITY OF UTILIZING AVAILABLE HEAT-RESISTANT MATERIALS FOR HYPERSONIC LEADING EDGE APPLICATIONS. VOLUME II- ANALYTICAL METHODS AND DESIGN STUDIES TECHNICAL REPORT FOR PERIOD JULY 1958 - JULY 1960	1960
19630043903	INVESTIGATION OF FEASIBILITY OF UTILIZING AVAILABLE HEAT RESISTANT MATERIALS FOR HYPERSONIC LEADING EDGE APPLICATIONS. VOLUME III- SCREENING TEST RESULTS AND SELECTION OF MATERIALS TECHNICAL REPORT FOR PERIOD JULY 1958 - JULY 1960	1960
19630043905	INVESTIGATION AND STUDY OF A SIMPLIFIED MEANS OF ANALOG-TO-DIGITAL CONVERSION INTERIM TECHNICAL REPORT, 15 JUN.- 15 MAR. 1960	1960
19630043923	ADVANCEMENT OF TEST METHODS FOR DETERMINING THE OPERATIONAL CHARACTERISTICS OF PROPELLANTS SUMMARY REPORT, NOV. 30, 1960	1960
19630044212	MODEL-REFERENCE ADAPTIVE CONTROL SYSTEMS FOR LARGE FLEXIBLE BOOSTERS	1960
19630044216	ELECTRICAL TEST OF CANOGA QUAD-HELIX ANTENNA	1960
19630044217	HF EQUIPMENT, ZANZIBAR TERMINAL, KANG-ZANZIBAR CIRCUIT	1960
19630044218	ELECTRICAL TEST OF CANOGA QUAD-HELIX ANTENNA	1960
19630044220	ELECTRICAL TEST OF GENERAL BRONZE BI-POLARIZED SVE ANTENNA	1960
19630044227	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION AIR DENSITY-DRAG MEASUREMENTS SATELLITE /S-56/	1960
19630044228	ATMOSPHERE NEAR THE MOON	1960
19630044233	BERMUDA TRACKING ACCURACY STUDY	1960
19630044236	REPORT ON STUDY OF NASA 20K POWERPLANT	1960
19630044249	TABULATED LIFT, DRAG AND PITCHING MOMENT DATA FROM WIND TUNNEL TESTS ON 30 SLENDER WINGS OF OGEE AND OTHER PLANFORMS, WITH VARIOUS THICKNESS DISTRIBUTIONS, AT M-1.41, 1.61 AND 1.91	1960
19630044252	BEFORE MAN STEPS INTO SPACE SOVIET NEWSPAPER REPORTS	1960
19630044255	Steady Supersonic Flow Past Conical Bodies	1960
19630044257	MERCURY RADAR AND BEACON SIGNAL STRENGTH VS CAPSULE STUDIES	1960
19630044259	FINAL REPORT, DEC. 1, 1959 - NOV. 30, 1960 <INVESTIGATION OF THE PROPAGATION OF RADIO SIGNALS FROM ARTIFICIAL SATELLITES<	1960
19630044264	SUMMARY OF ROCKET AND SATELLITE OBSERVATIONS RELATED TO THE IONOSPHERE	1960
19630044265	REPORT ON TRIP TO HAWAII	1960
19630044271	SYMPOSIUM ON THE THEORY AND MECHANISM OF DIFFUSION IN SOLIDS <CLEVELAND, OCTOBER 24-25, 1960<	1960
19630044299	PROBLEMS AND ACCOMPLISHMENTS OF SPACE SCIENCE	1960
19630044300	Low Level Wind Profiles Applicable for the Study of Vertically Rising Vehicle Performance Between 3 Meters and 120 Meters Cape Canaveral (Atlantic Missile Range), Florida	1960
19630044302	MANUFACTURING PLAN FOR SATURN 70-INCH DIAMETER OXIDIZER AND FUEL TANKS. VOLUME IV- INSPECTION AND TEST PROCUDURES	1960
19630044308	MASTER OPERATIONAL SCHEDULE. PART IV OF THE FIRING TEST REPORT JUNO 11 MISSILE AN-19D	1960
19630044312	FEASIBILITY ANALYSIS OF FM AND UHF TV BROADCAST FROM A SATELLITE RESEARCH MEMORANDUM	1960
19630044316	FORMULATION OF THE EQUATIONS OF MOTION OF A SATELLITE ABOUT ITS CENTER OF MASS FOR APPLICATION OF A DIGITAL COMPUTER	1960
19630044323	MANUFACTURING PLAN FOR SATURN 70-INCH DIAMETER OXIDIZER AND FUEL TANKS. VOLUME I- MANUFACTURING PROCESS	1960
19630044330	DESIGN, CONSTRUCTION AND OPERATION OF A PROTON PRECESSION MAGNETOMETER	1960
19630044335	DETERMINATION OF THE EMISSIVITY OF MATERIALS, PROGRESS REPORT, 1 OCT. - 31 DEC. 1960	1960
19630044340	SPACECONN SPECIAL OPERATIONS PLAN B-60	1960
19630044348	PILOT EXPERIMENTS CONCERNING AIR TRAFFIC CONTROL DECISION MAKING FINAL REPORT	1960
19630044356	THERMAL RADIO EMISSION FROM ELECTRON-ION ENCOUNTERS	1960
19630044358	MANUFACTURING PLAN FOR SATURN 70-INCH DIAMETER OXIDIZER AND FUEL TANKS. VOLUME II- TOOLING MANUALS	1960
19630044360	DISCRIMINATION LEARNING OF MIRRORED CUES BY RHESUS MONKEYS	1960
19630044361	INTERPLANETARY TRAJECTORY BY THE ENCKE METHOD PROGRAMMED FOR THE IBM 704 AND 7090	1960
19630044371	SELF-ADAPTIVE SYSTEMS FOR AUTOMATIC CONTROL OF DYNAMIC PERFORMANCE BY CONTROLLING GAIN, PHASE SHIFT, GAIN MARGIN, PHASE MARGIN, OR SLOPE	1960
19630044378	NOTE ON THE GEOMETRY OF EARTH MAGNETIC FIELD USEFUL TO FARADAY EFFECT EXPERIMENTS	1960
19630044394	DESCRIPTION OF ATMOSPHERIC STRUCTURE SATELLITE S-6	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044395	ELECTRON DENSITY PROFILE PROBE P-21	1960
19630044410	ISOTENSOID TOROS DESIGN FINAL REPORT	1960
19630044411	A LUNAR EXPLORATION PROGRAM BASED UPON SATURN-BOOSTED SYSTEMS	1960
19630044448	S.R. 183 LUNAR OBSERVATORY STUDY. VOLUME II- TECHNICAL DEVELOPMENT PLAN	1960
19630044449	AN ANALYTICAL INVESTIGATION OF FLIGHT CONTROL PROBLEMS AND STATIC AND DYNAMIC RESPONSE REQUIREMENTS OF A HIGH-SPEED, LOW-ALTITUDE MISSILE	1960
19630044508	SATELLITE INTERCEPTOR SYSTEM STUDY. /U/ VOLUME II-SUBSYSTEMS - PART I N. FINAL REPORT	1960
19630044522	DELTA MONTHLY TECHNICAL PROGRESS REPORT, ISSUE NUMBER 9	1960
19630044526	REDUCED TELEMETRY DATA FOR LAUNCH VEHICLE- MISSION NO. 1 - ECHO 1 PAYLOAD, DELTA PROGRAM	1960
19630044545	Project Delta Field Flight Report: Delta 3, Issued 14 December 1960	1960
19630044559	INSTRUMENTATION OPERATION ANALYSIS. PART IIB- JUNO II VEHICLE AM-190 /U/ FIRING TEST REPORT	1960
19630044560	JUNO II - MISSILE AM-19F REVISED TRAJECTORY DATA	1960
19630044570	STATUS REPORT, PHASE III AUGUST 15, 1959 - AUGUST 15, 1960	1960
19630044577	Delta Monthly Technical Progress Report, Issue Number 13	1960
19630044578	Preliminary Field Flight Report: Delta 2 (Echo A-11)	1960
19630044589	FLIGHT SAFETY DATA FOR THE UPPER STAGES OF JUNO II AM-19D	1960
19630044592	Delta Monthly Technical Progress Report	1960
19630044593	F-1 Quarterly Progress Report	1960
19630044599	RANGE SAFETY DATA FOR JUNO II AM-19F	1960
19630044609	DELTA SEMI-ANNUAL TECHNICAL PROGRESS REPORT- NOVEMBER 1959 - APRIL 1960	1960
19630044610	Progress Report for RL10A-1 Engine	1960
19630044613	SATELLITE & SPACE PROGRAM 8 FEB. 1960,	1960
19630044622	Saturn C-1 Optimum Trajectory Shaping and Optimum S-IV Propellant Loading (U)	1960
19630044642	CONFERENCE OF HIGH TEMPERATURE POLYMER AND FLUID RESEARCH	1960
19630044689	DYNA SOAR STEP II INITIAL BOOSTER PERFORMANCE AND DATA REQUIREMENTS	1960
19630044700	P M R INSTRUMENTATION STUDY. SECTION I- SYSTEM ANALYSIS. FINAL REPORT	1960
19630044703	S.R. 183 Lunar Observatory Study. Volume I: Study Summary and Program Plan	1960
19630044713	DOWN- RANGE ANTI-BALLISTIC MEASUREMENT PROGRAM /U/ DAMP/U/ QTPR NO. 2 - 1 APRIL - 30 JUNE 1960	1960
19630044730	JUNO II - MISSILE AM-19F. TRAJECTORY DATA	1960
19630044734	JUNO II - MISSILE AM-19E. TRAJECTORY DATA	1960
19630044740	[No Title]	1960
19630044743	JUNO 11, AM-19F /U/ FINAL ACCEPTANCE TEST REPORT	1960
19630044776	FIELD OPERATIONS MEMORANDUM JUNO 11 AM-19D	1960
19630044780	PROJECT MERCURY DEMONSTRATION SITE OPERATIONAL TEST SERIES, DSOTS	1960
19630044794	STATUS OF FLIGHT INSTRUMENTATION PLANNING AS OF 26 MAY 1960	1960
19630044818	Saturn Guidance and Control Development Report	1960
19630044824	[No Title]	1960
19630044870	PROJECT SCOUT ENGINEERING PROCEDURE MANUAL NO. 2-60. APPENDIX J HANDBOOK FOR ALIGNMENT DATA REDUCTION	1960
19630044890	BOUNDARY LAYER NOISE RESEARCH IN THE U.S.A. AND CANADA, A CRITICAL REVIEW	1960
19630044893	Vega	1960
19630044922	Detailed Wind Gusts and Shear Measurements from Photographs of Missile Exhaust Trails	1960
19630044927	PREDICTED POWER UNIT FLIGHT PERFORMANCE FOR JUPITER AM-19F /JUNO II/	1960
19630044931	FIRING INSTRUCTION MEMORANDUM	1960
19630044947	Vega Second-Stage Propulsion. X-405H Rocket Engine Final Specifications: Model Specification E748C, PFRT Specification M50T920B, Acceptance Test Specification M50T919C	1960
19630044953	A Lunar Exploration Program Based Upon Saturn-Boosted Systems /U/ Final Technical Report, July 1 - Dec. 31, 1959	1960
19630044967	ATMOSPHERIC ENVIRONMENT FOR JUNO II /AM-19C/ VEHICLE FLIGHT	1960
19630044968	INTERFERENCE TESTS ON CO-RADIATED COMMAND AND VOICE TRANSMITTERS WITH VOICE AND TELEMETRY RECEIVERS	1960
19630044972	THE STRUCTURES OF SOME SUBSTITUTED DECABORANES AND THEIR RELATION TO CHARGE DISTRIBUTION IN DECABORANE	1960
19630044977	Delta Monthly Technical Progress Report. Issue Number 14	1960
19630044980	Plug Nozzle Program, Tasks I and II	1960
19630044984	Current Project Status - Special Report 1 - 60	1960
19630044988	Saturn SA-1 Vehicle Data Book	1960
19630045016	NASA Lunar Exploration Program: Briefing for the Administrator	1960
19630045017	NASA LUNAR PROGRAM 1960 - 1970	1960
19630045018	ATLAS-ABLE 5 PROGRAM - OVERALL ASPECTS	1960
19630045019	ATLAS-ABLE 5 PROGRAM - SCIENTIFIC ASPECTS	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630045020	JPL LUNAR PROGRAM	1960
19630045021	SUMMARY OF LUNAR MAPPING RESEARCH	1960
19630045023	[No Title]	1960
19630045031	F-1 Quarterly Progress Report	1960
19630045040	[No Title]	1960
19630045041	SATURN S-1 STAGE PRODUCTION STUDY AND CONTRACTOR PHASE-IN PLAN	1960
19630045054	Plug Nozzle Program. Quarterly Report No. 1 for Period Ending August 31, 1960	1960
19630045055	Delta Monthly Technical Progress Report, Issue 19	1960
19630045066	Saturn C-2. Phase I Preliminary Design Report	1960
19630045071	SLIDES FOR ADVANCED VEHICLE PRESENTATION	1960
19630045072	Flight Test Report Vehicle 144/2011/3011 Delta Program: Mission 1 (Echo 1 Payload)	1960
19630045078	DELTA MONTHLY TECHNICAL PROGRESS REPORT N. ISSUE NUMBER 10	1960
19630045079	REDUCED TELEMETRY DATA FOR LAUNCH VEHICLE. MISSION NO. 2 - ECHO PAYLOAD, DELTA PROGRAM N. <AUG. 1960<	1960
19630045080	PLUG NOZZLE PROGRAM. FINAL REPORT, APR. 1960	1960
19630045090	COMMUNICATIONS SATELLITES AND PUBLIC POLICY- AN INTRODUCTORY REPORT /U/ SPECIAL MEMORANDUM	1960
19630045100	SATURN LAUNCH VEHICLE RELIABILITY STUDY DEC. 23, 1960	1960
19630045103	SATURN LAUNCH VEHICLE RELIABILITY STUDY SUMMARY REPORT, MAY 1 - JULY 15, 1960	1960
19630045109	FLUID-DYNAMIC PERFORMANCE OF A CAVITATING VENTURI - PART II	1960
19630045119	AUTOMATIC STABILIZATION CONTROL SYSTEM CHECKOUT PROCEDURES	1960
19630045125	Measurement of Spectral and Total Emittance of Materials and Surfaces Under Simulated Space Conditions Report Period, July 1, 1959 - June 30, 1960	1960
19630045129	ROCKET GRENADE MEASUREMENTS OF TEMPERATURES AND WINDS IN THE MESOSPHERE OVER CHURCHILL, CANADA	1960
19630045130	FLEXIBLE REENTRY GLIDERS	1960
19630045136	PRELIMINARY VIBRATION AND SHOCK SPECIFICATIONS FOR THE SATURN /S-I/ BOOSTER	1960
19630045137	THE USE OF GEO-STATIONARY SATELLITES FOR THE STUDY OF IONOSPHERIC ELECTRON CONTENT AND IONOSPHERIC RADIO-WAVE PROPAGATION	1960
19630045138	SWEPT-FREQUENCY TOPSIDE SOUNDER /CANADA/ S-27	1960
19630045139	CORRELATION OF AN AURORAL ARC AND A SUB-VISIBLE MONOCHROMATIC 6300 ANGSTROM UNITS ARC WITH OUTER-ZONE RADIATION ON NOVEMBER 28, 1959	1960
19630045151	THE STELLAR WIND REGIONS	1960
19630045154	A Comparison of the efficiency of Various Schemes for Utilizing Vehicles Stored Energy for the Purpose of Telemetry	1960
19630045155	Genetic Studies in the Lower Radiation Belt	1960
19630045170	Project Mercury - Introduction to Project Mercury and Site Handbook	1960
19630045171	NASA - PLUM BROOK REACTOR FACILITY /PBRF/. INFORMATION FOR EXPERIMENT SPONSORS	1960
19630045174	THE FUTURE OF MANNED AIRCRAFT	1960
19630045175	NRL-NASA-SRI COOPERATIVE STUDY OF HIGH STRENGTH SHEET SPECIMENS INTENDED FOR MEASURING DESIGN VALUES OF FRACTURE TOUGHNESS	1960
19630045179	AN ERROR PROBABILITY COMPARISON BETWEEN A LINEAR DISCRIMINATOR AND A FILTER BANK TECHNIQUE AS THE SIGNAL-PROCESSING CIRCUITS OF A TELEMETRY RECEIVER DESIGNED TO MEASURE ACCURATELY THE FREQUENCY OF A SINUSOIDAL BURST	1960
19630045182	ERECTABLE TORUS MANNED SPACE LABORATORY	1960
19630045209	[No Title]	1960
19630045240	PLUG NOZZLE PROGRAM /U/ QUARTERLY REPORT NO. 2 FOR PERIOD ENDING NOV. 30, 1960	1960
19630045241	ELECTRICAL POWER GENERATION AND ELECTRICAL PROPULSION SYSTEMS FOR SPACECRAFT /U/ 1959-60	1960
19630045248	JUNO II AM-19D	1960
19630045266	COMPATIBILITY OF MATERIALS WITH HIGH TEMPERATURE POTASSIUM FIRST QUARTERLY PROGRESS REPORT, 1 MAY - 31 JUL. 1960	1960
19630045271	ON THE ELECTRODYNAMICS IN THE PRESENCE OF MOVING MATTER	1960
19630045302	PLUG NOZZLE PROGRAM, TASK III /U/ FINAL REPORT	1960
19630045346	STUDY OF WINDS, DIFFUSION, AND EXPANSION OF GASES IN THE UPPER ATMOSPHERE QUARTERLY TECHNICAL REPORT, QUARTER ENDING 21 JUNE 1960	1960
19630045389	AN OPERATIONAL DEMONSTRATION OF A CRYOGENICALLY FUELED INTEGRATED THERMAL CONTROL AND POWER GENERATION SYSTEM AND A LOW TEMPERATURE REACTION CONTROL UNIT	1960
19630045431	NASA PROGRAM PROGRESS REPORT, AUGUST 1960	1960
19630045433	USAF/NASA CONFERENCE ON LIFTING MANNED HYPERVELOCITY AND REENTRY VEHICLES, LANGLEY RESEARCH CENTER, LANGLEY FIELD, VA., APRIL 11-14, 1960	1960
19630045440	SOLAR CELL POWER SYSTEMS FOR SPACE VEHICLES	1960
19630045478	RESEARCH AND DEVELOPMENT OF ADVANCED SOLID PROPELLANT SYSTEMS /U/ QUARTERLY REPORT NO. 2, 1 APR. - 30 JUN. 1960	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630045481	LONG TERM EXPOSURE EFFECTS OF STORAGE PROPELLANTS ON MATERIALS FOR XSM-68B FIRST PROGRESS REPORT /EXPOSURE PERIOD ONE MONTH/	1960
19630045497	A RELIABILITY REVIEW OF THE DELTA VEHICLE	1960
19630045498	DYNAMIC ANALYSIS AND DESIGN OF THE SYNCHRONOUS COMMUNICATION SATELLITE	1960
19630045523	INTERFERENCE OF "ECHO" SATELLITE TO TOPSIDE SOUNDER OPERATION MEMORANDUM REPORT	1960
19630045527	HIGHLIGHTS OF SELECTED NASA SPACE PROGRAMS /B/ PROGRESS REPORT NO. 8, 1 OCT. - 31 DEC. 1960	1960
19640006153	Development of satellite instrumentation reference standards and calibration equipment for measurements at very low gas densities phase 1 report	1960
19640012558	Effects of stellar encounters on planetary motions	1960
19640012852	Ultraviolet spectra of organized elements in the orgueil meteorite determined with the ultramicrospectrograph	1960
19640015027	Cerolyte fuel cell first quarterly technical progress report	1960
19640017918	Shotput iii data, grumman northeast tracking range final report	1960
19640019076	Electronic states of molecules. 1. self-consistent field calculations of the ground, ionized and excited states of n2 and o2	1960
19640044337	Discussion of solar proton beams	1960
19640044818	Space power plant study-- 250 kw/e/ to 750 kw/e/ progress report no. 1	1960
19640046131	Flux mapping manual. part iii- procedures	1960
19640046897	A sound ranging system for the rocket grenade experiment at wallops island, virginia final report <15 jan. - 31 aug. 1960<	1960
19640047525	H-21b sideward takeoff test technical documentary report, 6 dec. 1960 - 18 oct. 1961	1960
19640047758	Delta semi-annual technical progress report, model number dm-19, may - october 1960 issue no. 3	1960
19640048931	Some notes on the measurement of oscillatory aerodynamic derivatives	1960
19640049543	The optics of a two-dimensional processor	1960
19640050445	Switch modulation techniques. the fm-ss power modulator applied to a constant current source second quarterly progress report, 1 oct. - 31 dec. 1963	1960
19640051751	Thermoelectricity final report, january - december, 1963	1960
19640052467	Theoretical performance of propellants suitable for electro-thermal jet engines	1960
19640052716	Research on a 500 watt solar regenerative hydrogen-oxygen fuel cell power supply system second semi-annual report, 1 jan. - 30 jun. 1960	1960
19640053359	Radioscience conference	1960
19640053375	Considerations of the Rendezvous Problems for Space Vehicles	1960
19640053435	Interplanetary Navigation System Study, Volume III of III	1960
19640053440	Reaching for the moon- the future of space exploration	1960
19640053533	Simulated Lunar Dust Experiments	1960
19640053565	Study of a simplified attitude control system for a 24-hour satellite	1960
19640053756	The Satellite Tracking Program of the Smithsonian Astrophysical Observatory	1960
19640053798	Video modulation test facility study final report	1960
19640053835	Titan II Propellants Corrosion Inhibitor Study, Phase I	1960
19640054281	Development of High Energy Batteries Quarterly Progress Report No. 1, Oct. 1 - Dec. 31, 1959	1960
19640054428	Vega Programmer Final Report, 16 Jul. 1959 - 31 Aug. 1960	1960
19640054455	System Capabilities and Development Schedule of the Deep Space Instrumentation Facility, 1961-1966	1960
19640054866	Evaluation and selection of adhesive systems for bonding component parts of spacecraft solar batteries	1960
19640055998	A comparison of fixed and variable time of arrival navigation for interplanetary flight	1960
19640056141	Advanced antenna system for jpl deep space instrumentation facility	1960
19640056591	On the Distribution Function and Mean Energy of Electrons in a Slightly Ionized Gas in the Presence of Magnetic and Electric Fields	1960
19640056593	Three-dimensional boundary layer equation of an ionized gas in the presence of a strong magnetic field technical report	1960
19640056594	Trajectories and thrust-measurement techniques for space testing of ion rocket motors	1960
19640056596	A solution of the collisionless boltzmann equation using a diagram technique technical report	1960
19640056649	The neutralization problem of ionic propulsion	1960
19640056651	Quantum corrections to the dispersion relation of longitudinal oscillations in an electron plasma	1960
19640056772	Standard Trajectory Ranger Agena I	1960
19640056793	Compatibility of engineering materials with space environment final report, jul. 1959 - 1 oct. 1960	1960
19640057024	Handbook of Instructions for Data Transmitter Impact Predictor Buffer Model 70	1960
19640057098	Space Telemetry Systems	1960
19640058007	A committee study of blast potentials at the saturn launch site and a contractor study of blast forces on structures	1960
19640058016	Observations of van allen radiation regions during geomagnetic storms	1960
19640058042	Supersonic flow around right circular cones. table for small angle of attack	1960
19640058096	Project mercury development engineering inspection data book	1960
19640058109	Pmr instrumentation study, section 9 - acoustics final report	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640058150	Research and development of advance solid propellant systems quarterly report no. 3, 1 jul.-30 sep. 1960	1960
19640058156	Research and development of advanced solid propellant systems quarterly report no. 1, 26 nov. 1959-31 mar. 1960	1960
19640058158	Wind tunnel test plans	1960
19640058159	The reaction of 1,1,1,3-tetranitropropane with bases	1960
19640058168	Technical progress report, period ending 29 february 1960	1960
19640058170	High energy monopropellants quarterly progress report, feb. 1-apr. 30, 1960	1960
19640058204	Strategic interplanetary system, volume 1 final report	1960
19640058211	Basic Agena Concept	1960
19640058219	Estimated thermal protection requirements for a low deceleration satellite re-entering the earth's atmosphere	1960
19640058220	[No Title]	1960
19640058221	Range contractor operations - summary, april 1960	1960
19640058227	Weapon system 107 a-2, task vii. volume 4- appendixes 31-45 progress report 3	1960
19640058228	[No Title]	1960
19640058229	[No Title]	1960
19640058230	[No Title]	1960
19640058231	[No Title]	1960
19640058232	[No Title]	1960
19640058233	[No Title]	1960
19640058234	[No Title]	1960
19640058235	[No Title]	1960
19640058236	[No Title]	1960
19640058237	[No Title]	1960
19640058238	[No Title]	1960
19640058239	[No Title]	1960
19640058240	[No Title]	1960
19640058241	[No Title]	1960
19640058242	[No Title]	1960
19640058254	Some considerations of electronic and ir countermeasures for the stol aircraft	1960
19640058258	[No Title]	1960
19640058277	Ranger-Agena B-Atlas Test Program	1960
19640058319	The zonal mirror and energy calculations for non-aplanatic mirror condensers	1960
19640058339	Space radiations natural and man-made	1960
19640058357	Planetary Program: Briefing Summary July 8, 1960	1960
19640058373	Wind, wind shear, and gust design criteria for vertically-rising vehicles as recommended on the basis of montgomery, ala., wind data	1960
19640058375	The atlas g icbm and space vehicle systems	1960
19640058389	A comparison of solar powerplant systems for space vehicle applications	1960
19640058419	Industry conference	1960
19640058421	Preliminary evaluation of some radio location techniques for the very low and low frequency range	1960
19640058426	Solid propellant launch system. project prober	1960
19640058431	On the structure of a collision free wave in a plasma transverse to a magnetic field	1960
19640058441	High energy monopropellants fourth summary report, 1 feb. - 15 jul. 1960	1960
19640058445	A new principle of solid rocket motor construction	1960
19640058452	The effects of shock and vibration on man	1960
19640058456	Whole panel control - display study, volume ii- the mark iv control-display system summary report, jul. 1958 - jul. 1960	1960
19640058489	Consolidated instrumentation plan. part iia of the firing test report. mercury-redstone mr-1	1960
19640058544	Information report on project echo. communications satellite program	1960
19640058545	Design considerations for an orbiting astronomical observatory	1960
19640058547	Manned earth-lunar transportation systems	1960
19640058556	Sputtering of metals by mass-analyzed molecular nitrogen ion and atomic nitrogen ion	1960
19640058557	Consolidated instrumentation plan- part iia of the firing test report mercury-redstone mr-1a	1960
19640058563	Jupiter missile nose cone re-entry ablation measuring program	1960
19640058568	Project mercury status report no. 5 for period ending jan. 31, 1960	1960
19640058570	Ground test report. lot j structural confirmation	1960
19640058582	Chemical modifications of polyurethane propellants	1960
19640058587	Large space environments facility study /ardc project 7776, task 77794/, facility performance requirements, vehicle structures and materials	1960
19640058613	Scientific investigations by means of sounding rockets, bibliography	1960
19640058633	Telemetry reception from jupiter re-entry body	1960
19640058635	F-1 engine development program sixth quarterly progress report, 1 apr. - 30 jun. 1960	1960
19640058639	Monthly progress report for may 1960	1960
19640058646	Project dyna soar	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640058652	The thermal conductivity, electrical conductivity, specific heat, viscosity and specific weight of glass at elevated temperatures	1960
19640058660	Requirements for 200,000 pound thrust hydrogen-oxygen rocket engine	1960
19640058665	Vega project second stage propulsion final engineering report	1960
19640058666	Nasa studies pertaining to missions	1960
19640058671	Analytical study of satellite rendezvous final report, 25 jun. 1959 - 25 sep. 1960	1960
19640058714	High-temperature ductility of powder- fabricated beryllium at high and low strain rates	1960
19640058737	Stol variable sweep configurations and wind tunnel data	1960
19640058738	Scan limitations imposed by element spacing in fixed-array antennas /with application to an/sps-33 radar/	1960
19640058803	Mercury-redstone space-craft mr-ia. master operational schedule. firing test report, part iv	1960
19640058810	Satellite and Space Program for NASA Seventeenth Progress Report, Mar. 1960	1960
19640058846	The increment store and address system of corsair, a digital differential analyser	1960
19640058858	Fuel for fuel cells	1960
19640058861	Dovap trajectory data for aerobee 150 rocket nasa 4.43, launched 5 october 1960 final data report no. 12433	1960
19640058864	Thermal protective surfaces for structural plastics	1960
19640058865	Thermal protective surfaces for structural plastics quarterly progress report no. iii, feb. 1 - apr. 30, 1960	1960
19640058866	Thermal protective surfaces for structural plastics	1960
19640058873	Aspen propulsion system fourth quarterly progress report, period ending 30 jun. 1960	1960
19640058876	Results of simulated radiator failure experi- ments conducted during the period of september through december, 1959	1960
19640058889	P-3 propulsion system second quarterly progress report, period ending 31 dec. 1959	1960
19640058915	Methods for the control of satellites and space vehicles, volume 3 final technical report	1960
19640058943	Research and development program on thixotropic propellants quarterly progress report, apr. 15 - jul. 14, 1960	1960
19640058944	Fundamental research on insulators for rocket motors seventh quarterly progress report, nov. 1, 1959 - feb. 1, 1960	1960
19640058959	Research and development program on thixotropic propellants quarterly progress report no. 3, oct. 16, 1959 - jan. 15, 1960	1960
19640058964	Research and development program on thixotropic propellants quarterly progress report, 15 jul. - 14 oct. 1960	1960
19640058991	Fundamental studies relating to systems analy- sis of solid propellants lab. progress report no. 5, oct. 1 - dec. 31, 1959	1960
19640058992	A survey of microwave radiometers with ter- rain-mapping applications	1960
19640058993	Fundamental studies relating to systems analy- sis of solid propellants progress report no. 6, jan. 1 - may 31, 1960	1960
19640059005	Quarterly progress report on nasa request hs- 175 for fourth quarter, cy-59	1960
19640059007	Manufacturing methods development plan, dina-soar step i	1960
19640059014	A Study of Millimeter Wavelength Radiometers for Observing from Satellites	1960
19640059022	Space environmental simulator	1960
19640059031	Thermionics and Thermoelectricity	1960
19640059042	Analysis of loads for braniff and northwest airplanes for conditions existing just prior to the accidents	1960
19640059059	Investigation of thermal protective systems for airframe structures. part i- state-of- the-art survey and preliminary design studies research and advanced systems report no. 132	1960
19640059098	Pressurizing system for propellant tanks using liquid evaporation or direct injection	1960
19640059173	Observations of thor missile re-entry research notes no. 45	1960
19640059201	Development test plan glider re-entry systems - dyna soar step i--phase alpha	1960
19640059233	Liquid oxidizers quarterly progress report, oct. - dec. 1960	1960
19640059236	Storage high performance liquid bi-propellant systems. part ii - propellant performance evaluation quarterly progress report no. 3	1960
19640059237	Liquid oxidizers quarterly progress report no. 5, jul. - sep. 1960	1960
19640059245	Advanced design analyses on annular nozzles second quarterly progress report, 1 sep. - 30 nov. 1960	1960
19640059247	Dyna soar step i program progress report, nov. 1960	1960
19640059251	Liquid oxidizers quarterly progress report, 1 jan. - 31 mar. 1960	1960
19640059275	A compilation of the dielectric constants of solid, liquid, and gaseous he, h2, ne, n2, o2, air, co2, f2, a, and ch4 below 300degrees k. /revision of chapter 7 in wadd technical report 60-56, phase i, part i, oct. 1960/	1960
19640059295	Man-machine environment compatibility studies and tests in support of surveillance aircraft development, report of project nr avn 4860	1960
19640059296	Fluid mechanics of axisymmetric wakes behind bodies in hypersonic flow	1960
19640059310	Project hef monthly progress report no. 60-5, may 1960	1960
19640059322	Second afrc military geodesy seminar. proceedings of meetings at orlando air force base, orlando, florida, 12-14 january 1960	1960
19640059324	Project lacrosse, volume ii of ii final report	1960
19640059330	Mission guidance and energy management analysis report, model dyna soar	1960
19640059332	Structural integrity development and test program - detail plan - structures technology, model ds-i	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059341	Escape Subsystem Trade Study	1960
19640059355	Calculation of electron drift velocity and mean energy based on "collision time" approximation	1960
19640059358	Radiation effects satellite <a proposal<	1960
19640059372	Measurements and analyses of whistler signals final report, 7 may 1959 - 15 jul. 1960	1960
19640059373	Lot j structural design loads	1960
19640059377	Free flight tests of hypersonic glide shapes using the htv-2 carrier vehicle	1960
19640059387	Doppler radar measurement of missile ballistic motions	1960
19640059429	Preliminary evaluation of propulsion requirements for a division support missile	1960
19640059431	An experimental investigation of the effect of frequency and temperature on the fatigue of high purity aluminum final report	1960
19640059452	Research program on hydrogen peroxide summary report, 1 jul. 1958 - 31 dec. 1959	1960
19640059470	Project michigan- infrared measurements on missiles during the launch phase - irmp 59/60	1960
19640059472	Redstone Missile CC-13 Flight Evaluation of Propulsion and Associated Systems	1960
19640059480	Development Test Plan Lifting Body Re-Entry Systems - Dyna Soar Step I, Phase Alpha	1960
19640059496	Space communications techniques- global communication network employing passive spherical satellites	1960
19640059502	Redeye development program eleventh interim technical report, oct. - dec. 1960	1960
19640059512	Dyna Soar Step 1	1960
19640059529	Redstone Missile CC-38- Flight Evaluation of Propulsion and Associated Systems	1960
19640059531	Development of new high-energy propellants. volume i- experimental work sixth quarterly report, 1 jan. - 31 mar. 1960	1960
19640059535	Transactions of the fifth symposium on ballistic missile and space technology. vol- ume iii- guidance, control, and navigation	1960
19640059551	Redstone Missile CC-46- Flight Evaluation of Propulsion and Associated Systems	1960
19640059555	Titan Booster Comparative Data. Dyna Soar Step I - Phase Alpha	1960
19640059561	Notes on plasma physics	1960
19640059578	Preliminary Glider Reaction Control. Power System Development Procurement Specification, Model Dyna Soar	1960
19640059618	Project hef monthly progress report no. 60-6	1960
19640059628	Dyna soar, step i program progress report, aug. - sep., 1960	1960
19640059633	Jupiter "c" missile cc-24 flight evaluation of propulsion and associated systems	1960
19640059637	Project hef monthly progress report 60-4	1960
19640059638	Vector control propulsion system monthly progress report no. 1	1960
19640059667	A proposed long range plan	1960
19640059682	Storable high performance liquid bi-propellant systems third quarterly progress report, part 1	1960
19640059698	Storable high performance liquid bi-propellant systems second quarterly progress report	1960
19640059709	Thermally stable monopropellants quarterly progress report, 1 aug. - 31 oct. 1960	1960
19640059710	Thermally stable monopropellants quarterly progress report, 1 may - 29 jul. 1960	1960
19640059713	Optical communication between a re-entry vehicle and the earth, part ii technical note no. 1	1960
19640059726	Development of graphite and graphite base multicomponent materials for high temperature service technical report, feb. 1, 1958 - sep. 30, 1959	1960
19640059738	Dyna soar presentation charts - system analy- sis and air vehicle design	1960
19640059741	Project lacrosse, volume i final report	1960
19640059754	Determination of Optimum Degree of Ground Check-Out Equipment Automatization for the DS-I Glider	1960
19640059758	BSWT Supersonic Test of the Dynasoar Project Data Report	1960
19640059759	Titan booster trade studies. dyna soar step 1- phase alpha	1960
19640059765	Pmr facility criteria - nasa delta program	1960
19640059778	A program for preliminary design studies of large, unconventional rocket engines	1960
19640059779	Recoverable booster system study. volume ii- uranus technical data final report, 1 apr. - 31 dec. 1960	1960
19640059788	BSWT-087 High Speed Test of the DS-1 Project: Data Report	1960
19640059850	Carbon dioxide reduction systems quarterly progress report no. 2, 15 dec. 1959 - 15 mar. 1960	1960
19640059859	Ds-1 phase i safety analysis	1960
19640059869	Design of a glider for atmosphere entry at near escape velocity	1960
19640059879	Recoverable booster. volume iii- manu- facturing development and test plan. book i- schedules and cost final report	1960
19640059880	Recoverable Booster System	1960
19640059881	Recoverable booster system. volume iii- manu- facturing development and test plan. book 3- development and test plan final report	1960
19640059894	Generator and controls unit alternating cur- rent used on x-20 /dyna-soar/	1960
19640059919	The relation between torque and tension for high strength threaded fasteners	1960
19640059949	Recoverable Booster System Study, Final report SR-89774	1960
19640059961	Preliminary dyna-soar structural design criteria-/airborne system/	1960
19640059967	Fin size trade study, dyna soar step i	1960
19640059971	Hets Free Flight Test Program Study	1960
19640059980	Shielding by aircraft cabin structures, iii, h-21, h-40, l-19, analytical evaluations	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059982	Materials requirements criteria for advanced design, appendix b-2. air force presentation on systems-materials relationships sup- plement to report of committee 1	1960
19640059989	Recoverable booster system study final report	1960
19640060032	Phase alpha booster design requirements - dyna soar step 1 - phase alpha	1960
19640060043	Recoverable booster system study final report	1960
19640060050	Redstone Missile CC-30 Flight Evaluation of Propulsion and Associated Systems	1960
19640060055	On the utilization of photometric data in satellite configuration studies	1960
19640060063	Modulation of compact arc lamps final development report	1960
19640060075	Recoverable booster system. volume ii- recoverable booster vehicle technical studies book 2- design studies final report	1960
19640060084	Recoverable Booster System	1960
19640060090	Recoverable booster system. volume iv- operations and support plan final report	1960
19640060104	Laboratory investigation of the hydrazine/ pentaborane propellant system quarterly report o439-01-1, 1 sep. - 30 nov. 196	1960
19640060122	Prediction aspects of solar proton events	1960
19640060126	Recoverable Booster System Evaluation	1960
19640060133	Configuration study report- ballistic re- entry system. dyna soar step i, phase alpha	1960
19640060139	Statistical analysis of dynamic response tests	1960
19640060151	Plasma physics research	1960
19640060153	Spherical nuclei with simple residual forces	1960
19640060157	Sensing angular velocity by use of nuclear induction	1960
19640060158	Behavior of refractory materials progress report, 15 feb. - 15 apr. 1960	1960
19640060186	Beryllium casting, phase ii final report, 19 sep. 1958 - 15 dec. 1960	1960
19640060192	Orbit determination of a non-transmitting satellite using doppler tracking data final report	1960
19640060223	Recoverable booster system study, volume 1 final report	1960
19640060246	Comparative study ballistic configurations - avco drag brake. dyna soar, step 1, phase alpha	1960
19640060248	Recoverable booster system. volume iii- manufacturing development and test plan. book 2- manufacturing plan final report	1960
19640060299	The effects of nuclear radiation on electronic components	1960
19640060342	Space orientation system	1960
19640060348	Detonation characteristics of solid propellants final report	1960
19640060353	Research on ultra-high impulse propellant systems progress report, oct. 1 - dec. 31, 1960	1960
19640060378	Preliminary design of a lifting body configura- tion //d equals 1.5/- dyna soar step 1, phase alpha	1960
19640060379	Variable geometry re-entry system configura- tion study - lockheed folding wing. dyna soar step i, phase alpha comparative study report	1960
19640060380	Variable geometry re-entry system configura tion study - goodyear inflatable vehicle. dyna soar step 1, phase alpha comparative study report	1960
19640060381	Comparative study ballistic configurations - mcdonnell modified mercury - dyna soar step 1, phase alpha	1960
19640060382	Development test plan variable geometry - dyna soar step 1 - phase alpha	1960
19640060385	Preliminary design of a lifting body configuration //d equals .5/ - dyna soar step i - phase alpha	1960
19640060416	The plasma sheath effect on radar cross section of a hypersonic sphere as predicted by lossless geometrical optics	1960
19650003096	Stability and control characteristics at mach numbers of 2.50, 3.00, and 3.71 of a variable- wing-sweep configuration with outboard wing panels swept back 75 deg	1960
19650003197	Investigation of the loading characteristics of the lifting surfaces and the speed brakes of a 0.067-scale model of the north american x-15 airplane /configuration 3/ at mach numbers of 2.29, 2.98, and 4.65	1960
19650017033	Effect of several tail configurations on the stability characteristics of a midwing supersonic-bomber model at mach numbers of 1.60, 1.90, 2.20, and 2.50	1960
19650060634	A symmetrical eight-element four-phase adcock antenna	1960
19650062165	Calculation of radar echoing areas by the cylindrical current method	1960
19650067742	Summary of methods for estimating unsteady airloads on wings and bodies in hypersonic flight	1960
19650069609	Extra-terrestrial radio tracking and communication	1960
19650069874	The u-2 incident	1960
19650069875	Transient characteristics of a rotating plasma	1960
19650069888	Pioneer iii and iv space probes	1960
19650069890	Terrestrial corpuscular radiation. a possible mechanism for creation of "a terrestrial corpuscular radiation" under influence of cosmic rays	1960
19650069891	Space-vehicle attitude control	1960
19650069894	A resume of world wide commercial communications	1960
19650069904	Satellite orbit determination and prediction utilizing jpl goldstone 85-ft antenna and the jpl tracking program	1960
19650069907	Low-acceleration takeoff from a satellite orbit	1960
19650069909	The asymptotic theory of control systems. i- stochastic and deterministic processes dichotic listening and cerebral dominance.	1960
19650069910	Instrumentation for Research on Combustion Instability in Solid-Propellant Rocket Motors	1960
19650069912	The Jet Propulsion Laboratory Lunar-Probe Tracking and Orbit-Determination Program	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650069913	Spacecraft Secondary Power Requirements During the Sixties	1960
19650069916	Deep space communications	1960
19650069919	Evaluation of pioneer iv orbit-determination program	1960
19650070015	Materials in space	1960
19650070017	The Cryogenic Gyro	1960
19650070064	Mercury life support systems	1960
19650070473	Astronautics information. abstracts with index, volume i, parts a, b, c, d /abstracts 1,001 - 1,726/	1960
19650070476	Sunflower solar test supplement	1960
19650070477	Sunflower power conversion system quarterly report, sep. - nov. 1960	1960
19650071039	Final engineering report	1960
19650071585	Numerical Calculation of the Stability of the Compressible, Laminar Boundary Layer	1960
19650071739	Design study requirements for a lunar soft landing spacecraft /scientific mission- surveyor/	1960
19650071836	On the stability of a heterogeneous shear layer subject to a body force	1960
19650071838	A formal solution of liouville's equation	1960
19650072058	Ignition system for monopropellant combustion devices	1960
19650072204	Ionosphere direct measurements satellite, s-30	1960
19650072231	Time and temperature dependence of the ultimate properties of an sbr rubber at constant elongations	1960
19650073286	Fluid-Dynamic Performance of a Cavitating Venturi, Part I	1960
19650073558	Measurement of the flow field of an underexpanded jet in a hypersonic external stream /m infinity equals 6.8/	1960
19650074248	Biomedical instrumentation for man in space. present state and potential of biomedical instrumentation	1960
19650074348	Thermodynamic Extrapolation of Rocket Performance Parameters	1960
19650074600	The national aeronautics and space administration second semiannual report to the congress, april 1 - september 30, 1959	1960
19650074709	Theory of pulse-data systems applied to an input self-adaptive pulse-data system	1960
19650075832	Lunar orbiter visual observation instrument subsystem interim report	1960
19650076041	Power and propulsion for the exploration of space	1960
19650076044	Rocket soundings of the upper atmosphere	1960
19650076277	An improved dc power regulator	1960
19650076308	Geophysical effects of the trapped particle layer	1960
19650076550	Thermophototropism in corticated alkaline earth titanates	1960
19650076774	Table of gamma-rays emitted by radioactive nuclei, arranged in order of increasing energy	1960
19650077493	Second semiannual report to the congress, april 1, - september 30, 1959	1960
19650077629	Static load tests of configuration i /unguided vehicle/	1960
19650077634	Engineering services on transistors interim technical report, 1 jan. - 31 mar. 1960	1960
19650077698	Ds-1 optional boost system - titan/centaur	1960
19650077701	An investigation of metal fiber-ceramic composites for high-temperature applications final report, 15 mar. 1959 - 31 mar. 1960	1960
19650077704	A note on some problems of low altitude supersonic flight	1960
19650077706	Nose cap assembly design procurement specification, model x-20 a	1960
19650077730	Dyna-Soar System Development Test Program- Air and Ground Launches	1960
19650077734	Dyna-soar step i- titan ii booster plan	1960
19650077739	Chlorates and perchlorates- their characteristics and uses	1960
19650077741	Supersonic aeroelastic effects on static stability and control. part iii- aeroelastic interaction	1960
19650077760	Instrumentation specification for the NASA project mercury tracking stations in australia specification wre 222, issue 1	1960
19650077868	Variable parameter rocket motor final report	1960
19650077894	Development of methods and instruments for mechanical evaluation of refractory materials at high temperatures seventh quarterly progress report, sep. 1 - nov. 30, 1960	1960
19650077915	Hypersonic ramjet engine program, volume ii final summary report	1960
19650077947	The effects of liquid hydrogen on mechanical properties of materials	1960
19650078020	Specification for missile guidance set, dyg8012a1, part of the inertial guidance system, dyg8016a1	1960
19650078073	The use of linear algebra programmes in the field of aircraft flutter	1960
19650078074	Generalized tables for the calculation of trajectory curves for bodies moving in air	1960
19650078078	Mobility of men in full pressure suits	1960
19650078082	Spectral sensitivity of the eye based on visual acuity report no. 12	1960
19650078085	Design handbook for liquid fluorine ground handling equipment	1960
19650078093	Acoustical environment associated with silo launch of a full-scale minuteman	1960
19650078096	Samos-midas semiannual program progress report, 1 jan. - 30 jun. 1960	1960
19650078098	Measurements of acoustical spectra in the 1/3 scale minuteman silo	1960
19650078112	Nuclear gyroscope study interim technical note, jun. 1958 - mar. 1960	1960
19650078125	Experimental passive-satellite communication link. appendix i- descriptive handbook, volume ii	1960
19650078159	Spherical Engines	1960
19650078208	Material evaluation for mark 6 program	1960
19650078287	Evaluation of x2020 aluminum alloy artc project 4-58 cooperative test program summary report	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078290	Antenna catalog. volume iv- aircraft antennas	1960
19650078297	Mercury-Redstone First Mate and Instrumentation Compatibility Test Operations Directive No. 1932	1960
19650078306	NASA Program Planning in Space Sciences	1960
19650078310	Evaluation of high-energy, storable, liquid- bipropellant fuels eighth quarterly report, 1 jun.-31 aug. 1960	1960
19650078318	Redstone missile rs-25- flight evaluation of propulsion and associated systems	1960
19650078341	609a space research program monthly production status report no. 9, 1 jun. - 1 jul. 1960	1960
19650078342	609a space research program monthly production status report no. 8, 1 may - 1 jun 1960	1960
19650078362	Design and Experimental Evaluation of a Shock Isolation Unit for Hydraulic Systems Exposed to Blast Waves Final Report	1960
19650078366	Antenna catalog. volume v- confidential ground, ship and aircraft antennas	1960
19650078378	Hypersonic ramjet engine program, volume i final summary report	1960
19650078421	Environmental testing of the dm-19 flight controller gyroscope assembly	1960
19650078423	Nasa 609a Space Research Program Monthly Production Status Report No. 3, 15 Nov. 1959 - 1 Jan. 1960	1960
19650078437	Dyna-Soar Telemetry Subsystem Performance Specifications	1960
19650078438	Preliminary Dyna-Soar Structural Design Criteria - Geophysical Environment	1960
19650078439	Dyna-Soar Program Gfe Plan - Outplant Facilities, Step I	1960
19650078443	Dyna Soar Program Plan /Step I/	1960
19650078448	Preliminary Dyna Soar Step I Booster Performance Specification, Model DS-I	1960
19650078476	Using Scale Rocket Motor Performance as a Basis for the Acceptance of Large Rocket Motors	1960
19650078478	Establishment of solid rocket performance characteristics	1960
19650078484	Antenna catalog. volume iii- ship antennas	1960
19650078500	Trajectory for the communication satellite 24-hour equatorial circular orbit /30 k centaur/	1960
19650078539	Engine and lifting unit configurations	1960
19650078540	Bioastronautics /biomedical parameters/	1960
19650078553	Antenna catalog, volume ii. ground antennas	1960
19650078561	Skydart ii final report	1960
19650078568	General systems studies part 1- systems synthesis and evaluation	1960
19650078570	The Engineering Model Sergeant	1960
19650078644	Theoretical considerations of ion engine design	1960
19650078663	Materials requirements criteria for advanced design, appendix b-2	1960
19650078665	Experimental studies of ion engine performance second topical report, period ending 15 dec. 1960	1960
19650078688	Instrumentation feasibility study of a recovery control center for manned hypersonic vehicles, volume i summary final report	1960
19650078691	Recoverable booster system study, volume ii final report	1960
19650078692	Navigation, guidance and control system for drone aircraft quarterly progress report, 1 mar. - 31 may 1960	1960
19650078708	Dyna Soar Program Plan, Step 1 Volume Ii Summary	1960
19650078714	Turbine Driven Accessory Power Unit	1960
19650078717	The capabilities of the shock tunnel in the study of the aerodynamics of atmospheric entry	1960
19650078719	A study of the accurate re-entry and precision landing of an orbital earth satellite, part ii	1960
19650078724	Pressure distribution tests of several sharp leading edge wings, bodies, and body-wing combinations at mach 5 and 8	1960
19650078725	Symposium on processing materials for re-entry structures	1960
19650078727	Study of hypersonic aerodynamic decelerators incorporating lift technical report no. 446	1960
19650078731	Aerodynamic force measurements on the wadd-2 lifting body at transonic speeds	1960
19650078732	Aerophysical studies at hypersonic velocities in free flight ranges	1960
19650078754	An explicit method of guiding a vehicle from an arbitrary initial position and velocity to a prescribed orbit	1960
19650078755	The performance of ablation materials as heat protection for re-entering satellites	1960
19650078756	Methods of analysis of nearly free molecular flow for a satellite or other space vehicle	1960
19650078758	Aerodynamic heating of re-entry vehicle	1960
19650078768	Effect of buoyancy forces on mass transfer cooling	1960
19650078770	Wind tunnel investigation of components of a two-parachute recovery system for the discoverer mark 4 re-entry vehicle	1960
19650078771	Analytic solutions of planar reentry trajectories with lift and drag	1960
19650078782	Dyna Soar Step I Communication System Analysis Propagation Technical Report	1960
19650078783	Dyna Soar /Step I/ Management Status Report, Apr. - Jul. 1960	1960
19650078866	Low-volume ramjet application study for the medium-range typhon missile supplement no. 1	1960
19650078894	Dyna Soar Program /Step I/- Gfe Plan /Out- Plant Facilities/	1960
19650078903	Re-entry of rotating missiles	1960
19650078930	Versions of the x405 liquid rocket engine	1960
19650078939	An analog computer study of hypersonic glider trajectories using perturbation techniques	1960
19650078949	Index of environmental test equipment in government establishments	1960
19650078968	Free flight aerodynamic data of four avco advanced design configurations /sk-5485, 6442, 6181, and 6798/	1960
19650078969	Force tests of the ad-4901-1 dyna soar models at mach number 8	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078976	A study of hypersonic aerodynamic drag devices interim technical report	1960
19650078983	Plasma microwave interaction effects and correlation with down range data research note 16/s/	1960
19650078992	Electronic subsystem and human factors study for a recoverable booster, volume i final report	1960
19650078996	Some selected highlights of testing at the engine test facility	1960
19650079000	Deleted record	1960
19650079013	Catalog of translated material in space perception /revised/	1960
19650079088	Pressure distribution and heat transfer tests on two fin-flat plate interference models and several blunt leading edge delta wing models	1960
19650079089	Predicted aerodynamic characteristics and cold wall heating of the mark 4 re-entry vehicle	1960
19650079099	Interaction between electromagnetic radiation and the ionized flow field about a hypersonic vehicle	1960
19650079100	Optical monitoring of re-entry bodies	1960
19650079136	Technical objective for flight vehicle power 750f	1960
19650079140	Electrostatic accelerometer for an development program	1960
19650079143	System studies in defense against ballistic missiles. spad-a satellite-based defense system. part 2- satellites, decoys, and interceptors	1960
19650079156	Dyna Soar Step I, Number 1 Quarterly Technical Progress Report, Apr. - Jul. 1960	1960
19650079164	Pressure distribution tests to determine trailing edge control effectiveness on a boeing dyna-soar model at mach numbers from 16 to 20	1960
19650079174	Investigation of flight profile characteristics for a supersonic low altitude missile final report, 1 may - 31 oct. 1960	1960
19650079187	Single stage nuclear rocket study	1960
19650079205	[No Title]	1960
19650079206	Space system development plan, dyna soar program	1960
19650079224	System studies in defense against ballistic missiles, spad-a satellite-based defense system. part i- systems engineering	1960
19650079231	Symposium on "the biology of space travel", london, 29-30 september 1960	1960
19650079275	Airborne reliability test specification	1960
19650079278	Construction of the department of defense ionospheric research facility summary technical report no. 2	1960
19650079279	Thermal splitting of the ionospheric layers	1960
19650079288	Group representations with an arbitrary invariant metric	1960
19650079383	The hypersonic burning ramjet engine	1960
19650079421	Performance of trailing aerodynamic decelerators at high dynamic pressures. part ii- phase ii test results technical report, 1 mar. 1958 - 28 feb. 1959	1960
19650079431	A method to reduce parachute inflation time with a minor increase of opening force	1960
19650079434	Time-dependent, elasto-plastic bending analysis for structures under arbitrary load- temperature environments. part i- analysis development and digital program	1960
19650079478	Design studies for the arecibo radio observatory summary technical report	1960
19650079546	Investigation of heterogeneous reactions in boundary layer flows on porous surfaces semiannual status report no. 1	1960
19650079547	Fixed frequency ionosphere topside sounder satellite, s-48	1960
19650079548	The Indirect Lunar Approach Scheme	1960
19650079584	A preliminary study of a solar probe	1960
19650079591	Lunar geophysical surveys	1960
19650079597	Magnetic film memory design	1960
19650079599	Minimum-time steering programs for orbital transfer with low-thrust rockets	1960
19650079600	Graviational perturbations on satellite orbits	1960
19650079604	Simulated lunar dust experiments	1960
19650079614	Compatibility between aircom and air traffic management ground-air communication systems	1960
19650079623	Axisymmetric transient heat conduction in a rocket-nozzle calorimeter	1960
19650079665	Progress development quarterly report, jan. - mar. 1960	1960
19650079707	Unsteady state solid propellant burning quarterly progress report	1960
19650079711	Weapon system 133a- static test firing of second-stage minuteman engine 44fw-14 final report	1960
19650079739	Usaf research and development study of advanced propulsion systems final report	1960
19650079751	Operation of an electric ramjet in a planetary atmosphere	1960
19650079763	Satellite rendezvous, orbital transfer	1960
19650079774	Preliminary report on acceleration and vibration data from javelin /8.01/ vehicle	1960
19650079784	General environment specification for agena satellite programs	1960
19650079796	Space background study semiannual report	1960
19650079803	X-ray damage mechanism study semiannual technical report	1960
19650079823	Anp development work in support of p & w first quarterly progress report, period ending sep. 30, 1960	1960
19650079885	Weapon system 133a, static test firing of third-stage minuteman engine 37fw-10 final report	1960
19650079923	Study and development of design criteria for high-speed power transmission shafts final report, 15 jan. - 14 sep. 1959	1960
19650079943	Experimental investigation of the characteristics of pneumatic jet elements <eksperimental'nyye issledovaniya kharakteristik struynykh elementov pnevmoavtomatiki>	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079956	Development of the arcas rocketsonde system final report, 20 jan. 1958 - 31 dec. 1959	1960
19650079967	Wide-range rapidly tunable low-noise amplifier 3d quarterly progress report, sep. - nov. 1960	1960
19650079968	Wide-range rapidly tunable low-noise amplifier 2d quarterly progress report, jun. - aug. 1960	1960
19650080033	J-2 program monthly progress report, period ending 30 november 1960	1960
19650080034	J-2 program monthly progress report, period ending 31 december 1960	1960
19650080055	Reactor In-flight Test Program Quarterly Report, Aug. 15 - Nov. 15, 1960	1960
19650080071	Angular turn of velocity vector for a tumbling transit 3-b vehicle	1960
19650080079	Investigation and evaluation of high- performance heterogeneous liquid monopropellants final report	1960
19650080114	Closed cycle torpedo drive development program final report	1960
19650080148	Blue Scout Junior 2356 Vehicle- Flight Test D-1 Final Test Report	1960
19650080190	Sound attenuation at typical launch sites in the point arguello area	1960
19650080196	The spectroangular method of forecasting ocean waves. numerical treatment of the state of the sea	1960
19650080197	Space trajectory programs	1960
19650080199	Personal survival equipment in aircraft accidents summary report, 1 jan. 1958 - 31 dec. 1959	1960
19650080207	Space Probes Program Status Report, Feb. 1960	1960
19650080229	Afbm exhibit 60-14c, sm-68b missile system equipment, general requirements specification for ws 107a-2 titan ii, revision c	1960
19650080296	Theoretical heat transfer characteristics at the nozzle throat of a hydrogen-oxygen rocket engine - comparison to minuteman rocket nozzle systems	1960
19650080305	Progress Review of Rift Study	1960
19650080338	Instrumentation for flame attenuation tests at microwave frequencies, It-4037-1	1960
19650080349	Individual acceptance test procedures for the dyg8012a1 missile guidance set /mgs/	1960
19650080397	Weapon system 133a. minuteman phase viii- materials development of rocket nozzle program progress report, 1-31 dec. 1959	1960
19650080400	Liquid hydrogen-cooled nozzle and hot gas bleed system /rn-3/. volume ii- associated studies	1960
19650080402	Liquid hydrogen-cooled nozzle and hot gas bleed system /rn-3/. volume i- technical program	1960
19650080407	High temperature probes for measuring rocket exhaust special bibliography	1960
19650080409	Design and construction of a converter, 28 volt, 50 ampere final report	1960
19650080416	A quantitative evaluation of the electrocardiograms of two squirrel monkeys under changing conditions	1960
19650080418	Problems of hydraulic jet propulsion <uber probleme des wasserstrahlantriebs>	1960
19650080433	Preliminary Facilities Requirements Plan /60Rdz-146/	1960
19650080467	Hustler engine space capabilities	1960
19650080515	The international aspects of space special bibliography	1960
19650080527	Space probes program status report	1960
19650080554	Fluorine for high-performance rocket engines	1960
19650080565	An empirical evaluation of the kaiser contact analog display	1960
19650080604	Performance tests of briles manufacturing company- titanium taper shank bolts /bac b30er and bac b30et/	1960
19650080626	Reinforced plastics at very high temperatures	1960
19650080636	Literature survey on nuclear rockets /non- military/	1960
19650080654	Research and development on inorganic high temperature adhesives for metals and composite constructions	1960
19650080727	Minuteman stage iii- gain design	1960
19650080739	Determination of properties of sandwich mater- ials subjected to rapid rising temperatures summary technical report, aug. 1958 - aug. 1959	1960
19650080790	Interim System Description of the Dyna Soar Step I	1960
19650080838	Down-range anti-ballistic measurement program- damp electromagnetic research laboratory cross-section measurement data	1960
19650080891	Handling qualities requirements for hyper- velocity aircraft	1960
19650080893	Phase i report of the aircraft and astro- nautics applications panel committee on the development of manufacturing processes for aircraft materials /amc/	1960
19650080918	Launching vehicle system for military space applications- vehicle design studies status report no. 1	1960
19650080976	Effects of high temperature, high velocity gases on plastic materials, 1 july 1958 - 30 april 1959	1960
19650080981	Space feeding. a closed ecological system for extended travel review of pertinent literature	1960
19650080982	Human factors in aero space research	1960
19650081008	Ablative behavior of plastics in subsonic and supersonic hyperthermal flow technical report, oct. 1958 - apr. 1959	1960
19650081015	A study of the mechanism of ablation of reinforced plastics	1960
19650081071	Photographic documentation of rocket launching nasa 6.02 - "dumbell" electrostatic probe experiment	1960
19650081091	X-405h rocket engine- vega second stage propulsion handbook of operation and maintenance	1960
19650081131	Sub-zero machining program interim engineering report no. iv, supplement	1960
19650081167	Proceedings of the symposium on the applica- tion of low noise receivers to radar and allied equipment, volume ii	1960
19650081182	The thermal diffusivity of a structural plastic laminate at elevated temperatures technical report, jan. - mar. 1960	1960
19650081186	Effect of prolonged exposure at subzero temperatures on the tensile properties of aluminum alloys	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081211	Manufacture of liquid fluorine a litera- ture survey	1960
19650081229	Gross effects of liquid o2 contaminants- additional studies	1960
19650081307	Integrated space studies final report	1960
19650081309	One man space station	1960
19650081350	Conversion of titan engines for use with storable noncryogenic propellants final report, 15 oct. 1959 - 15 apr. 1960	1960
19650081355	Project tu1-9007- performance of two-stage missiles	1960
19650081361	J-2 Program Monthly Progress Report, Period Ending 31 October 1960	1960
19650081372	J-2 Program Monthly Status Report, Period Ending 30 Sep. 1960	1960
19650081375	Investigation of propellant systems and components utilizing a high-energy oxidizer final report, 1 jul. 1958 - 15 jan. 1960	1960
19650081379	The Sergeant Percussion Ignition System	1960
19650081396	Aerojet model aj10-104 rocket propulsion system technical progress report no. 11, 1 - 31 mar. 1960	1960
19650081415	An investigation of the definition of missile structural design criteria requirements on a reliability basis. part i- the integration of current data into recommended requirements	1960
19650081491	Nuclear rocket study - sr 79812, volume i mid-term progress report	1960
19650081494	Nuclear rocket study - sr 79812, volume ii mid-term progress report	1960
19650081495	Nuclear rocket study - sr 79812, volume iii mid-term progress report	1960
19650081506	Physical properties of liquid propellants	1960
19650081554	Flight test planning report - ts609a. flight test plan - 2356a and 2356b vehicles	1960
19650081557	Space system development plan. advent program	1960
19650081576	Mat	1960
19650081635	The effects of simulated space environments on structural plastic materials	1960
19650081678	Some Proposed Methods of Improving the Performance of the Centaur Guidance System	1960
19650081692	Study of liquid oxygen contamination. sam- pling and analysis of liquid oxygen supple- ment to summary progress report no. 4	1960
19650081706	The nose-on echo area of axially symmetric thin bodies having sharp apices	1960
19650081712	On the evaporation and decomposition of drop- lets of liquid ozone-oxygen mixtures in a hot oxygen atmosphere	1960
19650081722	Lmsd beryllium evaluation program	1960
19650081730	The development of a corpuscular radiation experiment for an earth satellite	1960
19650081972	Research on liquid metals as power transmission fluids progress report, 1 may - 1 nov. 1960	1960
19650082046	The thermal conductivity of kerosine d.eng.r.d.2495 between 15 deg and 325 deg c at pressures up to 200 atm.	1960
19650082124	Flight instrument simulator no. 2 /fism 2/. part i- theoretical design	1960
19650082650	System specification for the propellant- loading system at the training and operational base facilities	1960
19650082675	Juno Iv Rocket Vehicle System	1960
19650082676	Photographic Studies of the Combustion Characteristics of Metal Particles	1960
19650082730	Design, development, and testing of advanced pneumatic solenoid valve /single-passage/ part no. 4683-59302 supplementary report	1960
19650082749	Centaur mission report captive and flight	1960
19650082752	A new method for decontamination of liquid biological wastes	1960
19650082858	A test plan for air force hyper-environmental test system 609a	1960
19650082863	An estimate of the numbers of satellites, boosters, and launch pads required to put up and maintain a system of six communication satellites	1960
19650082868	Experimental determination of the turbulent heat transfer rate distribution along a flare and the effect of fins on downstream heat transfer rate distribution	1960
19650082873	V/stol transport aircraft technical military supplement	1960
19650082932	Parameter study of atlas bending modes technical report, 23 jan. - 4 may 1959	1960
19650082938	Reliability and failure report, weapon system 133a nineteneenth monthly report, oct. 1960	1960
19660017932	Influence of internal pressure on the critical shear stress for an infinitely long cylindrical shell	1960
19660024031	Aerodynamic characteristics of a 60 degree sweptback-wing airplane configuration having tail surfaces located outboard of the wing tips at Mach numbers of 2.30, 2.97, 3.51, and 4.06	1960
19660024057	An exploratory investigation of a transport configuration designed for supersonic cruise flight near a Mach number of 3	1960
19660030326	Stability and Control Characteristics at a Mach Number of 1.41 of a Variable-sweep Airplane Configuration Capable of Low-level Supersonic Attack - Outer Wing Swept 75 Deg and 108 Deg	1960
19660072351	Manned lunar systems using Saturn boosters Briefing report	1960
19660073868	A simple pneumatic stepfunction pressure calibrator	1960
19660077153	Evaluation of a chemically defined liquid diet based on the statistical analysis of clinical data obtained from urine and fecal specimens generated during human feeding trials at the California Medical Facility, Vacaville, California Final report, Jan. 1 - Mar. 1, 1964	1960
19660078801	A sounding rocket measurement of electron densities to 1500 kilometers	1960
19660080540	Third semiannual report to the congress, october 1, 1959 - march 31, 1960	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080585	Aerodynamic requirements for longitudinal stability of winged space vehicles descending into the earth's atmosphere at very high angles of attack	1960
19660080654	Analysis of radio-command mid-course guidance	1960
19660081124	Theory of auroral morphology	1960
19660081139	The statistical analysis of space guidance systems	1960
19660081527	Miniature Accelerometer with a Fused Quartz Suspension	1960
19660081621	Electric propulsion	1960
19660081664	Preliminary Feasibility Study of Drilling a Hole on the Moon	1960
19660081816	Ground antenna parameters affecting the range of a space communication system	1960
19660081972	Progress in electric propulsion systems	1960
19660081988	Preliminary investigation of optical communications with lasers section report no. 331-2	1960
19660082329	Large Amplitude Linear Vibrations of Tensioned Strings	1960
19660082670	Design and construction of a 73.6 mc circularly polarized turnstile antenna	1960
19660082673	Variations in the orbit of the echo satellite	1960
19660082758	Selection of materials for cryogenic applications in missiles and aerospace vehicles	1960
19660082766	Mechanical Properties of Titanium and Titanium Alloys at Cryogenic Temperatures	1960
19660082767	Mechanical Properties of Inconel X Sheet at +78, -100, -320, and -423 F	1960
19660082768	Mechanical Properties of Aluminum Alloys at Cryogenic Temperatures	1960
19660083134	Major activities in the programs of the national aeronautics and space administration third half-year report, 1 oct. 1959 - 31 mar. 1960	1960
19660083135	Electron production in the e and f regions	1960
19660083511	Evaluation of inconel x to 301 stainless steel resistance spotwelds at 78 deg f and -423 deg f	1960
19660083512	Effects of sheet thickness on the mechanical properties of type 301 efh stainless steel at cryogenic temperatures	1960
19660083540	The evaluation of chemical milling as a possible process technique in the production of 1/2-hard and 3/4-hard 301 stainless steel bulkheads final report	1960
19660083544	Mechanical properties of cold-rolled commercially pure titanium sheet, ams 4901 /ti-75a/	1960
19660083560	Comparison of wind input for use in determination of missile and space vehicle design by statistical methods	1960
19660083566	Properties of r-41 sheet, a vacuum melted, nickel base alloy	1960
19660083840	Lunar physical parameters study. measurement of lunar thermal properties, a feasibility study partial report no. 2	1960
19660083842	Lunar physical parameters study. measurement of lunar surface acoustic properties, a feasibility study partial report no. 3	1960
19660083843	Measurement of lunar physical parameters, feasibility study final report	1960
19660083844	Lunar physical parameters study. measurement of lunar surface density a feasibility study partial report no. 1	1960
19660083845	Lunar physical parameter study. measurement of lunar parameters using downhole nuclear logging tools partial report no. 4	1960
19660083892	Project mercury eleventh monthly progress report, 1-30 jun. 1960	1960
19660083893	Lunar physical parameters study partial report no. 5 - measurement of lunar thermal properties, a feasibility study	1960
19660083894	Lunar physical parameters study partial report no. 6 - feasibility study of downhole logging tool	1960
19660084242	Launch-on-time analysis for space missions	1960
19660084272	Project mercury sixteenth monthly progress report, nov. 1-30, 1960	1960
19660084598	Lunar physical parameters study, measurement of electrical properties on lunar surface, a feasibility study partial report no. 7	1960
19660084756	On the Solution of the General Inhomogeneous Linear Differential Equation of Second Order Using Lie Series Representation	1960
19660086273	Attitude Control of Space Vehicles	1960
19660086441	An investigation of hazards associated with the storage and handling of liquid hydrogen	1960
19660086669	Research Progress Report	1960
19660088435	The nation's activities in the fields of aeronautics and space second annual report, 1959	1960
19660088484	Man-machine environment compatibility studies and tests in support of surveillance aircraft development. report of project no. avn 4860	1960
19660088547	Repair of adhesive bonded aluminum honeycomb assemblies	1960
19660088576	Statement of work for a lunar rough landing capsule	1960
19660088582	Control of cast rad-58 quality by radiography	1960
19660088583	A phase-locked secondary frequency reference for time-division multiplexing	1960
19660088615	Development, production, and delivery of model aj10-42 propulsion system /able phase ii/ and test-support equipment final technical program report, 1 apr. 1958 - 19 jun. 1960	1960
19660088619	Guidance Antennas and Plumbing for Titan 107A-2 and Test Vehicles	1960
19660088628	Study of energy management simulation techniques	1960
19660088657	Erectable antennas for space vehicles	1960
19660088696	Proceedings of conference on ions in flames	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088707	Heat-shielding properties of composite slabs of avcoat i and metal when exposed to convective heating supplementary report	1960
19660088708	Semiannual technical program report, volume ii	1960
19660088742	Partial collection of slides presented at the second n-f chemistry symposium	1960
19660088790	Preliminary study of power supplies for pure pneumatic systems	1960
19660088800	Combustion instability- liquid stream and droplet behavior. part iii- the response of liquid jets to large amplitude sonic oscillations	1960
19660088802	Combustion instability- liquid stream and droplet behavior. part ii- estimating primary liquid jet break up with heat transfer considerations	1960
19660088807	Calculation of absorbed dose	1960
19660088814	The infrared emission spectra of plastics ablating in a low enthalpy air stream- measurements of surface temperatures and temperature profiles behind the surfaces	1960
19660088895	A method for simultaneous measurement of eye movements about three orthogonal axes	1960
19660088896	Experimental and analytical investigations of the pw-102 pilot radiator flow characteristics	1960
19660088900	Spin-axis-bearing research special report no. 2	1960
19660088903	Thermal radiation from rocket exhausts at extreme altitudes	1960
19660088936	Investigation of a low-thrust plasma propulsion device first semiannual technical summary report	1960
19660088972	Vega Project Second Stage Propulsion Pert Report Final Report	1960
19660089012	Effects of flight envelope parameters on the thermal performance of the titan re-entry vehicle	1960
19660089021	The I-200t automatic flight control system for future jet transport aircraft proposal no. ad-424	1960
19660089022	High-speed data-handling techniques using transistors	1960
19660089032	Definition of the dust environment for purposes of gas turbine ingestion studies, phase i	1960
19660089035	Nominal trajectory and dispersion analysis for project nerv	1960
19660089040	Excerpts from final report on the lunar soft landing study	1960
19660089094	Feasibility studies in connection with the camouflage of the icbm re-entry vehicle final report	1960
19660089102	Project orion - the nuclear pulse propelled vehicle interim summary report	1960
19660089111	Trajectory and aerodynamic information for ts 609a 1234a/d-4/ vehicle	1960
19660089146	Strategic interplanetary systems, sr-182. appendix to volume i- costs and schedules final report	1960
19660089147	Strategic interplanetary systems, sr-182, volume 2 final report	1960
19660089168	Thor and Atlas In-Flight Reliability Growth	1960
19660089180	The nuclear/chemical pulse reaction propulsion project third progress report, 1 sep. - 30 nov. 1960	1960
19660089281	Nominal trajectories, dispersion and wind effects for journeyman-nerv vehicle	1960
19660089331	Strategic interplanetary systems, volume 1 final report	1960
19660089380	Prevention of exfoliation corrosion of an aluminium alloy /he.15/ by extended ageing	1960
19660089381	Study of the exfoliation corrosion of aluminum alloys	1960
19660089437	Coating Program - Lh2 Test Nozzle	1960
19660089459	High energy fuels project interim technical engineering report no. 12, 1 jul. - 30 sep. 1960	1960
19660089507	Cost substantiation for effect on f-1 program of reduced fy 1960 funding	1960
19660089526	Static firings of three xm22e5 motors	1960
19660089529	Proceedings, symposium on the application of low noise receivers to radar and allied equipment, volume iii	1960
19660089536	Coils without iron for the production of very intense continuous magnetic fields. calculation and realization	1960
19660089543	T-38 Sonic Fatigue Test Program	1960
19660089550	The alignment of an inertial platform to an arbitrary attitude by leveling and gyrocompassing techniques	1960
19660089561	Performance tests on two piezoelectric accelerometers- model 302, serial no. 507 and no. 508 manufactured by the columbia research laboratories, inc.	1960
19660089563	High energy fast pulse power system semiannual technical report, period ending jun. 30, 1960	1960
19660089570	B-70 recoverable booster support system	1960
19660089571	Satellite rendezvous guidance system study third interim report, 1 oct. - 31 dec. 1960	1960
19660089621	Proceedings of second meeting, jamaf thermochemical panel	1960
19660089655	Consulting Services on Titan Base Facility Design	1960
19660089658	Calculation of natural frequencies and normal modes of vibration for a compound isolation mounting system	1960
19660089660	Inelastic lobar buckling of cylindrical shells under external hydrostatic pressure	1960
19660089672	Investigation of heat vibrations in solids by using x-rays annual report no. 3, 1 feb. 1959 - 31 jan. 1960	1960
19660089694	Calculation of the simultaneous ablation procession and associated temperature distribution in a heterogeneous wall exposed to a time-variable heat flux internal note no. 2	1960
19660089696	H-1 stability regime study	1960
19660089704	In-silo explosion study - titan ii	1960
19660089759	Thermal flight test summary report for mark 3 mod 1 re-entry vehicles	1960
19660089768	Propellants for electrical propulsion engines of the contact or bombardment ion type quarterly report, 15 mar. - 15 jun. 1960	1960
19660089798	F-1 engine development program fourth quarterly progress report, 1 oct. - 30 dec. 1959	1960
19660089861	Flight simulation testing of titan i engine component fuel density compensator valve, aerojet-general corporation, sacramento, california	1960
19660089879	Range safety probability calculations for the atlas-able 5 vehicle	1960
19660089893	Superoxides and ozonides quarterly report, 1 sep. - 30 nov. 1960	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089896	Third stage attachment and separation engineering test report, model dm1812-2	1960
19660089897	Transit/tiros third stage fairing attachment and separation engineering report, model dm1812-2	1960
19660089904	Studies in radar cross sections xlii - on microwave bremsstrahlung from a cool plasma	1960
19660089927	Conceptual plan - national space surveillance system. part iv - control center	1960
19660089931	P m r instrumentation study. section 2 - appendices electronic tracking final report	1960
19660089937	Advanced design trainer, volume i research report, 2 nov. 1959 - 2 may 1960	1960
19660089956	[No Title]	1960
19660089997	A New Measurement of the Lifetime of the Positive Pion	1960
19660090010	Study of thermal erosion of ablative materials quarterly report, 1 apr. - 30 jun. 1960	1960
19660090028	Scout st 5-9 first technical progress report, 29 aug. - 31 dec. 1960	1960
19660090030	Scout st 5-9 third technical progress report, 1 apr. - 30 jun. 1961	1960
19660090033	Aerothermodynamic feasibility of graphite for hypersonic glide vehicles	1960
19660090037	Qualification tests on r. f. connectors, /series h.n/. spec. type - ug-61e/u. mfr's type - 2856	1960
19660090047	Saturn Monthly Technical Progress Report	1960
19660090048	Saturn S-iv Stage Weight and Balance Status Report	1960
19660090060	Saturn Monthly Technical Progress and Quarterly Report	1960
19660090061	Delta Guidance System Error Source Report	1960
19660090075	Delta monthly technical progress report	1960
19660090076	Saturn Monthly Technical Progress Report	1960
19660090077	Saturn S-IV Stage Weight and Balance Status Report	1960
19660090079	Delta Monthly Administrative Progress Report	1960
19660090082	Delta Monthly Administrative Progress Report	1960
19660090084	Saturn Monthly Technical Progress Report	1960
19660090085	Flight Test Report, Vehicle 270/2012/3012 Delta Program-mission No. 2 /echo 1a Payload/	1960
19660090086	Delta Monthly Technical Progress Report	1960
19660090093	Saturn S-iv Stage Weight and Balance Status Report, Model Dsv4	1960
19660090104	Feasibility Study of a High Mass-ratio Motor Final Report, 1 Jun. 1959 - 30 Jun. 1960	1960
19660090204	Environmental control system for three-man, two-week orbital vehicle	1960
19660090230	Redstone Missile Cc-43 Flight Evaluation of Propulsion and Associated Systems	1960
19660090245	Iria annotated bibliography of infrared literature, volume iv, number 3	1960
19660090264	Vibration Test, Third Stage Transit/Tiros	1960
19660090265	Vibration Test of Truss Interstage Structure, Able Phase II RTV Tand Transit/Tiros Engineering Test Report	1960
19660090336	Modulation, coding, and information theory	1960
19660090372	Research on rubberlike materials for applications involving contact with liquid rocket propellants summary report, 16 feb. 1959 - 15 feb. 1960	1960
19660090446	Model Specification 200,000-Lb-Thrust Oxygen/Hydrogen Liquid-Propellant Rocket Engine, Rocketdyne Model J-2	1960
19660090459	Saturn s-iv materials and process development report, may 21, 1960 - november 20, 1960	1960
19660090465	Advanced flight vehicle self-adaptive flight control system. part 1 - study final report, jun. 1959 - 1960	1960
19660090533	Performance tests on two variable inductance pressure transducer-silicon transistor oscillator combinations, "osciducer", manufactured by solid state electronics company, van nuys, california	1960
19660090554	Performance tests on two unbonded strain gage pressure pickups	1960
19660090558	Boundary layers in three dimensions	1960
19660090562	Thermal protection of satellites with "cold wall" ablation	1960
19660090614	Inflatable high frequency antenna development program	1960
19660090753	Project Atlas Able-4 Final Mission Report	1960
19660090843	Delta monthly technical progress report	1960
19660090889	A-286 stainless steel alloy	1960
19660090915	Electronic detection of linear motion	1960
19660090926	Results of wind tunnel pressure tests of the pershing re-entry configuration /nt/ at mach numbers from 0.70 to 7.05	1960
19660091100	The technology of human behavior	1960
19660091108	Medical and industrial hygiene procedures for nuclear operations	1960
19660091137	Visual detection of vehicular targets from attack aircraft	1960
19660091256	Jet vanes	1960
19660091375	Refractory alloys for use as structural materials in re-entry or boost glide vehicles quarterly report no. 3	1960
19660091457	Service test evaluation of high energy monofuels final report, 16 apr. 1959 - 15 apr. 1960	1960
19660091461	Twelve-tank pressurization study	1960
19660091463	Research on high energy rocket oxidizers sixth interim progress report, aug. 1 - oct. 31, 1959	1960
19660091473	A program for experimental research and testing of unconventional solid propellant grain designs quarterly progress report no. 1, may 1 - aug. 1, 1960	1960
19660091475	Analytical and experimental investigation of uncooled nozzles and thrust chambers second quarterly progress report, sep. - dec. 1960	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091485	Synthesis and characterization of high performance solid rocket oxidizers second quarter report, 1 oct. - 31 dec. 1960	1960
19660091488	Pace advanced inertial guidance system technical report, jun. 24, 1959 - feb. 24, 1960	1960
19660091489	An investigation of the effects of acceleration on the burning characteristics of solid propellants fourth quarterly report, 1 aug. - 31 oct. 1960	1960
19660091498	Lightweight hard parts for solid propellant motors quarterly progress report, 1 jul. - 30 sep. 1960	1960
19660091502	Service test evaluation of high energy monofuels quarterly progress report, 1 sep. - 30 nov. 1960	1960
19660091503	Synthesis and characterization of high energy compounds for solid propellant applications quarterly technical progress report, 25 jul. - 25 oct. 1960	1960
19660091509	An experimental program to evaluate high-performance solid propellant ingredients annual technical summary report, jul. 1, 1959 - jun. 30, 1960	1960
19660091511	An experimental program to evaluate high-performance solid propellant ingredients fifth quarterly technical summary report, jul. 1 - sep. 30, 1960	1960
19660091513	Development of lightweight case design for solid propellant rocket motors quarterly report	1960
19660091517	Evaluation of high-energy, storable liquid- bipropellant fuels quarterly report, 1 sep. - 30 nov. 1960	1960
19660091518	Analytical and experimental investigation of uncooled nozzles and thrust chambers quarterly report	1960
19660091522	Large solid rocket motor program first quarterly progress report, 11 jul. - 30 sep. 1960	1960
19660091523	Thrust vector control system applicable to solid propellant rocket motors. variable area ratio nozzle study quarterly report	1960
19660091527	Research and development of gas-generator propellants fifth quarterly report	1960
19660091529	Nozzle cooling system for solid propellant rocket motors quarterly progress report, may - jul. 1960	1960
19660091531	Investigation and development of advanced type solid propellants summary progress report report, 1 nov. 1959 - 31 oct. 1960	1960
19660091533	Development of high nitrogen polymers quarterly progress report, 1 jun. - 31 aug. 1960	1960
19660091534	Research on light metal containing high energy fuels and complex high energy oxidizers quarterly report no. 3, nov. 1959 - jan. 1960	1960
19660091537	Semi-annual summary of arpa activities as of 30 september 1960	1960
19660091540	Static test firing of the stage ii minuteman- motor number 44-fw-18	1960
19660091541	Basic chemical research for advance storable liquid propellant systems first quarterly report	1960
19660091548	Effective propellant mass fraction improvement study first quarterly progress report, 1 jun. - 1 sep. 1960	1960
19660091551	Nozzle cooling system for solid propellant rocket motors quarterly progress report, aug. - oct. 1960	1960
19660091552	Use of ramjet combustion techniques for high energy, storable, rocket propellant combinations	1960
19660091554	Development of high energy solid propellants interim progress report, 13 jul. - 12 sep. 1960	1960
19660091557	Services to advance the state-of-the-art of lightweight hard parts for solid-propellant rocket motors quarterly progress report no. 1, 1 jul. - 30 sep. 1960	1960
19660091558	Development of unique solid propellant binder structures for high performance final report, 1 may 1959 - 31 may 1960	1960
19660091560	Development of high nitrogen polymers quarterly progress report, 1 sep. - 30 nov. 1960	1960
19660091564	Research and development of the ballistic bomb as a tool for determining experimental performance of liquid and solid rocket propellants final summary report	1960
19660091583	Advanced development of satellite communication systems. task iii - space environment and vehicular effects special report	1960
19660091590	The acoustic ray trace indicator	1960
19660091601	Research on the hazard classification of new liquid rocket propellants quarterly progress report, 5 feb. - 30 apr. 1960	1960
19660091604	Research on the hazard classification of new liquid propellants quarterly progress report, 1 aug. - 31 oct. 1960	1960
19660091661	Refractory metals structural development program, volume i third quarterly progress report	1960
19660091691	The investigation and development of advanced type solid propellants final report, 1 may - 21 oct. 1960	1960
19660091704	Analytical and experimental investigations of unconventional nozzle designs quarterly report, for period ending 30 nov. 1960	1960
19660091707	Research to evaluate high energy, storable liquid rocket fuels quarterly progress report, 1 aug. - 31 oct. 1960	1960
19660091708	The investigation and development of advanced type solid propellants summary report, 1 jul. 1958 - 30 apr. 1960	1960
19660091711	Experimental performance of b5h9-h202 propellant combination in 100 pound thrust rocket engine	1960
19660091712	The sic-i computational program of the dow chemical company for rocket propellant systems	1960
19660091713	High energy storable liquid monopropellant synthesis development quarterly report, jul. 16 - oct. 15, 1960	1960
19660091714	Rocket combustion experiments with high energy fuels final report	1960
19660091717	Lightweight hard parts for solid propellant motors quarterly progress report, oct. - nov. 1960	1960
19660091720	Study of bn forming reactions final report	1960
19660091724	F-1 Engine System Monthly Progress Letter, Period Ending 31 Oct. 1960	1960
19660091728	Performance calculations special report no. 4, dec. 1, 1959 - sep. 21, 1960	1960
19660091729	Mass spectral study of b-n combustion technical report, aug. 15 - dec. 15, 1960	1960
19660091730	Research on synthesis of high energy oxidizers quarterly progress report, 1 aug. - 31 oct. 1960	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091736	Aspen propulsion system, part ii final report	1960
19660091737	Aspen propulsion system, part ii final report	1960
19660092057	Usaf reseach and development study of advanced propulsion systems. supplementary, phase i report	1960
19660092058	Dyna-soar i - flight-data objectives	1960
19660092145	Advanced research on solid rocket propellants quarterly progress report, jul. - sep. 1960	1960
19660092146	The hazard created by electromagnetic radiation to systems utilizing electro- explosive devices	1960
19660092151	Lap wound tape for hyperthermal insulation of the nike-zeus target drone	1960
19660092298	Research and development of advanced propulsion systems study, volume ii supplementary final report	1960
19660092359	Team report on british and french meetings on beryllium and heavy water reactors	1960
19660092463	Delta program - detailed test objectives for launch vehicle, mission no. 2 - tiros 1a payloads	1960
19660092466	Courier 1b flight report - first stage vehicle s/n 293	1960
19660092761	Atlas series e prototype propulsion system at msts stand 1-4 - capture test summary report, 27 nov. 1959 - 15 jun. 1960	1960
19660092930	Simple methods for classification and construction of similarity solutions of partial differential equations	1960
19660092937	Preliminary report on the shelter occupancy test of 3-17 december 1959	1960
19660092939	Usnel flight deck communications system. part 2 - noise and acoustic aspects final report	1960
19660092940	Usnel flight deck communications system. part 5 - message analysis and personnel response final report	1960
19660092941	The use of an x-band solid-state ruby maser with a conventional duplexing system	1960
19660093113	Atlas Booster Program for Nasa Project Mercury Progress Report, 1-31 Dec. 1960	1960
19660093129	Test of scout fin and jet vane assembly special summary report, 12 nov. 1959 - 13 mar. 1960	1960
19660093131	Saturn monthly technical progress report	1960
19660093132	Delta monthly technical progress report	1960
19660093421	The autopilot for the centaur space vehicle	1960
19660093463	Application of electromagnetic support technique to instrumentation for inertial navigation monthly letter report	1960
19660093530	F-1 engine system monthly progress letter, period ending 30 sep. 1960	1960
19660093532	F-1 engine system monthly progress letter, period ending 31 aug. 1960	1960
19660093555	Study of meteorological utility of satellite imagery data final report	1960
19660093561	Determination of temperature, velocity, and concentration profiles in the mixing layer between a rocket exhaust jet and the surrounding supersonic air stream. ii- numerical analysis of the differential equations for the jet mixing problem	1960
19660093562	Study of liquid oxygen contamination	1960
19660093784	Summary of dovap reductions for nike-cajun rocket abm 6.207	1960
19660093806	Method of correlating surface heat transfer data in the vicinity of protuberance-flat plate junctions in high speed flows progress report	1960
19660093808	Summary of dovap reductions for nike-cajun rocket ob 6.03	1960
19660093817	Instructions for subcontractor reliability study procedures	1960
19660093827	Report on effect of slush on ground run distance to lift-off	1960
19660094093	Instrumentation operation analysis. part iib of the firing test report juno ii vehicle am-19c	1960
19660094145	On the possibility of detecting weak signals in noise without long-time integration	1960
19670022195	Some observations of base heating at Mach 3.0 on a simulated missile with JP-4 liquid- oxygen rocket	1960
19670022203	Experimental behavior of combustion products of HEF-2 and air during expansion in exhaust nozzles	1960
19670022403	Investigation of the aerodynamic characteristics of a supersonic horizontal- attitude VTOL airplane model at Mach numbers of 1.57, 2.14, 2.54, and 2.87	1960
19670022479	Full-scale flight test of a proposed abort-escape system for a manned space capsule from sea level	1960
19670022688	Static Longitudinal and Lateral Aerodynamic Characteristics at a Mach Number of 2.20 of a Variable-Wing-Sweep STOL Configuration	1960
19670022827	Investigation of some effects of flexibility on the lift and pitching-moment characteristics of a series of low-aspect-ratio wing-body combinations at transonic speeds	1960
19670027635	Effect of chronic restraint on absorption from the gastrointestinal tract	1960
19670068140	The application of self-organizing control techniques to a control moment gyroscope satellite attitude control system	1960
19670068638	Photographic laboratory equipment. Volume I - Processing and printing equipment driers	1960
19670080644	Evaluation of regenerative fuel cell quarterly progress report	1960
19670081135	Observed solar pressure perturbations of echo 1, 13-22 august 1960	1960
19670081909	Measurement of the normal solar absorptivity and total hemispherical emissivity of engineering surfaces and coatings	1960
19670081917	Documentation policies and procedures of the national aeronautics and space administration	1960
19670086078	On the Equations of Motion of Earth Satellites	1960
19670087847	Report on Activities at the NASA, Lewis Research Center	1960
19670087848	Report on Activities at the Nasa, Lewis Research Center	1960
19670087849	Report on Activities at the NASA, Lewis Research Center	1960
19670087850	Report on Activities at the NASA, Lewis Research Center	1960
19670087851	Report on Activities at the NASA, Lewis Research Center	1960
19670087852	Report on Activities at the NASA, Lewis Research Center	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670087853	Report on Activities at the Nasa, Lewis Research Center	1960
19670087856	Project Tiros Final Mission Report	1960
19670087857	Project Thor Able-4 Final Mission Report	1960
19670087858	E-1 Rocket Engine Program Final Report	1960
19670087879	A study concerning the validity of ray acoustics in oceanic sound propagation	1960
19670087900	On the theory of process adaptive control systems, the learning model approach	1960
19670087969	Nrl quarterly on nuclear science and technology progress report, oct. - dec. 1959	1960
19670088034	Comparison of the surface roughness of the recovered thor-able nose cone with theoretical predictions	1960
19670088112	Project lightning. volume iii, appendix b sixth quarter progress report	1960
19670088173	Buckling characteristics of corrugated cylinders. part ii - summary	1960
19670088289	Army aviation safety with reference to crash injury and crashworthiness programs final report, 16 sep. 1959 - 15 dec. 1960	1960
19670088323	A loop antenna coupled electromagnetically to a four-wire transmission line to achieve the circularly polarized radiation	1960
19670088324	Model 50188-000 current transformer for north american aviation, inc., design and fabrication manual final report, phase	1960
19670088330	Theory of the dipole antenna and the two-wire transmission line	1960
19670088375	The temperature of shock waves in solids	1960
19670088379	Iterations with errors	1960
19670088382	The equivalent conductance of electrolyte solutions	1960
19670088383	Radio wave propagation	1960
19670088387	Pressure dependence of the hall constant of the alkali metals	1960
19670088389	Lightning storm in a supersonic wind tunnel	1960
19670088451	On the construction of lyapunov functions for nonlinear systems	1960
19670088480	Aerodynamic stability and control status report number v and flying qualities report	1960
19670088481	Appendix to a2f-1 aerodynamic stability and control status report number v and flying qualities report	1960
19670088506	Detailed Test Objectives for Launch Vehicle Delta No. 3 - Tiros II Payload	1960
19670088511	Clipped-speech coded pulse communications /clipco/ equipment development final report	1960
19670088538	Hypervelocity capability and impact research semiannual progress report, 1 jan. - 30 jun. 1960	1960
19670088541	Diffraction of electromagnetic waves by sound waves technical report no. 324	1960
19670088542	Microwave modulation of light in paramagnetic crystals	1960
19670088544	Pressure dependence of ferrimagnetic resonance properties	1960
19670088546	Integral transforms for a class of time varying linear systems	1960
19670088549	Ferromagnetic resonance of single crystal yttrium and rare earth iron garnets	1960
19670088576	Specification for thermal comfort in aircraft cabins proposed as a basis for an official specification	1960
19670088592	Tables of $e/h,z/$, $c/h,z/$, $s/h,z/$	1960
19670088593	The pressure and temperature dependence of the fe 57 nuclear magnetic resonance in ferromagnetic iron	1960
19670088594	Radiation patterns of antenna arrays consisting of dipoles coupled to a two-wire line	1960
19670088595	The radiation patterns produced by a linear array of half-wave dipoles coupled electromagnetically to a two-wire transmission line	1960
19670088596	A spin wave analysis of ferromagnetic resonance relaxation	1960
19670088614	Description of magnetic field probe p-14	1960
19670088641	Electromagnetic reflection from sound waves	1960
19670088675	Exchange terms in sawada approximation /a preliminary discussion/	1960
19670088676	Input impedances of center-driven dipole antennas	1960
19670088912	E-1 rocket engine program supplemental final report	1960
19670088913	J-2 Engine Development Program	1960
19670088991	Phone line digital transmission study	1960
19670089002	Conference on behavior of plastics in advanced flight vehicle environments	1960
19670089003	Thermal parameters of re-entry ablative plastics	1960
19670089004	The effects of thermal environmental parameters on ablation characteristics	1960
19670089005	The effects of material parameters on ablation characteristics	1960
19670089006	Studies on plastics exposed to high mass flow thermal environments	1960
19670089007	A brief review of the abma ablation materials program	1960
19670089008	A study of the mechanism of ablation of reinforced plastics	1960
19670089009	The importance of char structures in the ablation performance of organic polymers	1960
19670089010	Thermal stability of high-temperature carbon-chain polymers	1960
19670089011	The infrared emission spectra of plastics ablating in a low enthalpy air stream - measurements of surface temperatures and temperature profiles behind the surfaces	1960
19670089012	Plastics in rocket nozzle environments	1960
19670089013	Solid propellant rocket motor insulation	1960
19670089014	Structural and insulative characteristics of ablating plastics	1960
19670089015	Thermal diffusivity - its significance and a method for determination	1960
19670089016	Effects of rapid heating on mechanical properties of composites	1960
19670089017	Effects of ultraviolet and vacuum on properties of plastics	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089018	Wadd high temperature polymer program	1960
19670089035	Protection of the extremities in extreme cold - a selected, annotated bibliography	1960
19670089336	50-Hour Endurance Test Report, 1 Kw Plasma Jet Rocket, April 25-26, 1960	1960
19670089903	Transient ablation and heat-conduction phenomena at a vaporizing surface	1960
19670089985	Atlas booster program for nasa project mercury status progress report, 1-30 sep. 1960	1960
19670090022	Model Specification Ground Support Equipment - Saturn S-IV Stage	1960
19670090023	Model specification - saturn s-iv stage /c-1 vehicle/	1960
19670090077	Atlas booster program for nasa project mercury progress status report, 1-31 aug. 1960	1960
19670090114	Usaf research and development study of advanced propulsion systems phase i report	1960
19670090116	Nasa Tad 005 Study Agena Injection Errors. Part i - Ra-1 Mission Without Booster /atlas/ Guidance Errors	1960
19670090150	Gas generator propellant systems quarterly report, 1 jun. - 31 aug. 1960	1960
19670090206	Tiros monthly status report, period ending 15 may 1960	1960
19670090207	Tiros monthly status report, period ending 15 mar. 1960	1960
19670090297	Preliminary investigation of the dynamics of a man-carrying capsule subjected to external forces	1960
19670090301	Index-structural data requirements xsm-65d missile	1960
19670090341	Advanced biomedical capsule preliminary design study	1960
19670090387	Infrared absorption by minor atmospheric constituents	1960
19670090400	Research on solar ultraviolet radiation quarterly status report, 1 may - 31 jul. 1960	1960
19670090465	Probability and orbital mechanics	1960
19670090616	Stagnation point fluctuations on bodies of revolution with hemispherical noses final report	1960
19670090828	Control of earth satellite motions by magnetic devices	1960
19670090829	The near-space environment	1960
19670090831	Thermal problems associated with vehicles orbiting near the earth	1960
19670090832	Chemically fueled auxiliary power systems for near-space vehicles	1960
19670090834	Development of the capsule pressure vessel for project mercury	1960
19670090835	Structural design problems of hypersonic vehicles	1960
19670090836	Proceedings of the fifth annual aeroballistics committee symposium	1960
19670090837	Some characteristics of the periodic activity in the boundary layer	1960
19670090838	Stability investigations in carde ballistic ranges /U/	1960
19670090839	The magnus force	1960
19670090840	Semi-empiric analysis of projectile aerodynamics	1960
19670090841	Error analysis of xm-54 boosted rocket	1960
19670090842	Dispersion of non-guided fin-stabilized rockets	1960
19670090843	Hypersonic wind tunnel facilities	1960
19670090844	Applicability of aerodynamic probes for missile event altitude determinations	1960
19670090845	Dynamics of liquid filled shell	1960
19670090859	Flight performance and aerodynamic data from full scale flight tests of advanced ballistic re-entry vehicles	1960
19670090870	A program to study varying solid propellant burning rate by means of sonic energy Final report	1960
19670090976	Development of light pickoff final report	1960
19670091070	A review of thermal radiation properties and measuring techniques	1960
19670091204	Concepts associated with system effectiveness	1960
19670091206	Interaction effects of side jets issuing from flat plates and cylinders alined with a supersonic stream	1960
19670091222	Study of a speech compression system /spectrum selection/ interim report /final/, 15 feb. 1959 - 14 jan. 1960	1960
19670091248	Vibration-shock system interim scientific report, 2 jan. - 31 aug. 1960	1960
19670091522	Corrosion resistance of austenitic steels, worked at subzero temperatures	1960
19670091644	Farse - a first order approximation of reactor shields for snap systems, part i - non- scattered dose	1960
19670091946	Unelastic behavior of structures subjected to cyclic, thermal and mechanical stressing conditions technical report, 15 apr. 1959 - 15 apr. 1960	1960
19670092226	A study of vaporizable extinguishants technical report, 1 jul. 1958 - aug. 1959	1960
19670092228	D.i.g.t. radial inflow turbine cold tests on turbine b, turbine a and turbine d	1960
19670092399	On multiple scattering of waves	1960
19670092436	The second soviet spaceship satellite	1960
19670092440	High molecular compounds and their significance for the national economy	1960
19670092528	Evaluation of national research corporation vacuum deposited aluminum coatings, part ii	1960
19670092672	Development of design criteria for intelligence display formats final report	1960
19670092719	The development of design criteria for elastic stability of thin shell structures final report	1960
19670093047	New method of oxygen determination in powders of soft iron, steel, and some other metals	1960
19670093055	Evaluation of national research corporation vacuum deposited aluminum coatings progress report	1960
19670093153	Wind tunnel tests of an .048 scale model of the m-286 raytheon "pincushion" radar antenna	1960
19670093195	State-of-the-art survey of electronic microminiaturization, phase report number 1	1960
19670093216	A survey of dispersion strengthening of metals and alloys technical report, jun. 15, 1958 - jul. 15, 1959	1960
19670093294	Evaluation of shear spun ladish d6a material forged and machined preforms	1960
19670093302	Data submittal document saturn s-iv system	1960
19670093762	High-resolution cathode-ray tube using fiber optics	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093798	Propagation distortion of bands of large- amplitude acoustic noise. 1 - theoretical analysis of the plane wave case	1960
19670093811	D-c analysis portion of pe tap - a program for analyzing transistor switching circuits	1960
19670094068	Acceleration and vibration data from javelin /8.01/ vehicle	1960
19670094448	Equipment procurement specification exhaust gas temperature indicator	1960
19670094455	Equipment procurement specification heater - crew compartment, air-to-air xb-70 air vehicle	1960
19670094814	Construction of a low-cost temperature- controlled altitude chamber	1960
19670094818	Development of allowable buckling stresses /preliminary/ for spherical shells of sandwich construction under uniform external pressure	1960
19670094834	Two stereoscopic measures of cyclorotation of the eyes	1960
19670094837	The afferent initiation of shivering	1960
19670094875	Phased array radar studies technical report, 1 jul. 1959 - 1 jul. 1960	1960
19670094886	An experimental study of mental fatigue	1960
19670094888	Research on optical amplifiers	1960
19670095162	Two experiments on the effects of clutter density on radar trail detection	1960
19670095163	Adoption of welded electronic circuits for missile and space vehicles	1960
19670095199	X-405h rocket engine - vega second stage propulsion. handbook of operation and maintenance	1960
19670095230	The effects of component build-up on the lift, drag, and static stability characteristics and various aerodynamic panel loads from wind- tunnel tests of a 0.05-scale ducted model of the yf-108a airplane at supersonic mach numbers	1960
19670095231	Design and Application of a Digital Controller Using Magnetic Drum Storage	1960
19670095275	Soviet cosmic ship ii	1960
19670095303	The practical relationship between the common transformations of percentages or fractions and of amounts	1960
19670095309	New design concepts and materials for engine induction air filters final report	1960
19670095344	A systems analysis view of longitudinal flying qualities	1960
19670095373	D.i.g.t. radial inflow turbine cold tests on turbine b	1960
19670095378	Memorandum on electromagnetic properties of the hypersonic plasma sheath	1960
19670095438	Velocity of sound in liquid and solid helium	1960
19670095465	Lunar communication test summary - 1959	1960
19670095616	General test plan - saturn s-iv system	1960
19670095628	[No Title]	1960
19670095659	Balloon-borne particulate fractionator final report, 1 jan. - 31 dec. 1959	1960
19670095720	Study and investigation of specialized electro-acoustic transducers for voice communication in aircraft final report	1960
19670095728	Electromagnetic wave propagation in gyro- electric plasmas scientific report	1960
19670095809	The minimum parachute size and maximum towing speed in relation to strop characteristics	1960
19670095829	Automated maintenance, theory, practice and implications for training	1960
19670095912	Operating experience with a yj85-ge-5 turbojet engine s/n 210-031-7 - test period march 8 through may 20, 1960, and june 15 through june 24, 1960	1960
19670096060	Instability of a neutralized pinched beam in an ohmic plasma	1960
19670096095	A summary of plasma propulsion systems	1960
19670096101	Raw rubber and rubber	1960
19670096106	Long-wavelength beam instability	1960
19670096115	D.i.g.t. radial inflow turbine cold tests on turbine c and turbine a hot tests on turbine a	1960
19670096116	D.i.g.t. radial inflow turbine mechanical design and operating experience of cold test rig	1960
19670096156	The hose instability and break-up of a pinched beam moving through plasma	1960
19670096176	Cooperative energy loss of a beam of charged particles moving through a plasma	1960
19670096262	The effect of foot-rest position on the strength of horizontal pull by the hand	1960
19670096357	Present status of instability studies summary progress report	1960
19670096510	Requirements for and capabilities of a next- generation tactical fighter	1960
19680066461	Reliability-Safety Analysis Methodology for Manned Space Vehicles Summary Report	1960
19680068660	Pressure distributions at mach numbers from 1.6 to 2.8 of 74 deg swept arrow wings with and without camber and twist	1960
19680068675	Transonic Investigation of the Effects of Pitch Stiffness and Mass Balance on the Flutter Characteristics of an All-Movable Horizontal Tail	1960
19680068678	Investigation of an ejector-type nozzle for rocket application	1960
19680068683	Some effects of nose deflection and number of tail fins on the aerodynamic characteristics in pitch and sideslip of a wingless missile at a mach number of 3.11	1960
19680068685	Investigation of the pressure distributions on reentry nose shapes at a mach number of 3.55	1960
19680068699	Flight Operation of a Pump-Fed Liquid-Hydrogen Fuel System	1960
19680068900	A wind-tunnel investigation of effects of noise bluntness, face shape, and afterbody length on the aerodynamic characteristics of bodies of revolution at mach numbers of 2.37, 2.98, and 3.90	1960
19680069401	Development of monolithic ceramics and heterogeneous ceramic-metal bodies for aerodynamic applications at high velocities and temperatures final report, 1 jul. - 31 oct. 1960	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680069866	An analysis of the stability of spinning disks during atmospheric reentry	1960
19680073097	Advances in aeronautical sciences, volume 3 - Theoretical and experimental studies of cambered and twisted wings optimized for flight at supersonic speeds	1960
19680073717	The Effect of a Shock Wave on a Burning Solid Propellant	1960
19680073826	A new principle on the existence of high-temperature plazmoides	1960
19680073990	Probing the mysteries of the planets	1960
19680085239	Integration of the pressure distribution between gas-lubricated thrust plates	1960
19680085320	Isostatically reduced topographic deflections of the vertical at selected stations in both eastern and western hemispheres	1960
19680085764	Plasma physics and the future	1960
19680085876	Human reactions to vibration and impact	1960
19680085882	The angular distribution of infrared radiation	1960
19680085963	Non-linear limitations of two-stream instability	1960
19680086173	Summary of particle beam meeting - april 2-3, 1960, a modulated beam	1960
19680086269	Investigation of rtv silicon compounds for sealing high temperature /200-450 f/ aircraft electrical connectors and electric systems	1960
19680086354	The effects of high strain rates on the mechanical properties of aluminum alloys summary report	1960
19680086370	An approximation in problems of viscoelastic wave propagation	1960
19680086389	Asymmetrical nozzle flow separation during staging	1960
19680086411	Development and evaluation of insulating type ceramic coatings technical report, 1 may 1959 - 30 apr. 1960	1960
19680086643	Design of thermal conductivity apparatus	1960
19680086699	Evaluation test results of kineplex on the atlantic missile range	1960
19680086845	Missile insulation transmission	1960
19680086897	The effect of mental set upon vestibular nystagmus and the electroencephalogram	1960
19680086954	The oculomotor and subjective aspect of the vestibular reaction during prolonged constant angular acceleration	1960
19680087000	Transient analysis of ordnance circuits, part 2	1960
19680087019	Preliminary report on heating processes in intensely ionized air - part i	1960
19680087203	Cermets of alumina and iron or iron alloys	1960
19680087226	An analysis of slug-type calorimeters for measuring heat transfer from exhaust gases	1960
19680087336	Extension of evvard's method to oscillatory supersonic flow	1960
19680087366	Combustion instability in solid propellant rocket motors technical progress report, 11 mar. - 4 dec. 1959	1960
19680087367	Further circulation studies in the greenland area based on observed winds quarterly report, 1 jul. - 30 sep. 1960	1960
19680087377	Problems in attitude stabilization of large guided missiles	1960
19680087385	Relationship between magnitudes of vestibular reactions and effective coriolis couples in the semicircular canal system	1960
19680087389	Research on electron bombardment induced conductivity targets in camera tubes technical note, jun. 1959 - 15 nov. 1960	1960
19680087395	Feedback system analysis using frequency response curves from an analog computer	1960
19680087439	Glass fabric base phenolic reinforced laminated construction for structural applications final specification	1960
19680087511	Survey of flight-load parameters of service aircraft second summary report	1960
19680087862	Preliminary Trajectories and Impact Points for Project Ranger /Atlas/Agena B/ /U/	1960
19680087863	Injection coordinate deviations due to one- sigma atlas and agena tolerances nasa flights ra-1 and ra-3 /u/	1960
19680087865	[Tabulated Computer Trajectory Listings]	1960
19680087866	Identification of ephemeris printout /u/	1960
19680088011	Crash injury investigation of u. s. army h-21c vertol shawnee helicopter accident at big meadows, virginia on 2 december 1959	1960
19680088012	Crash injury investigation of u. s. army hu-1a bell iroquois helicopter 58-2080 at east st. louis, illinois on 21 october 1959	1960
19680088015	Morgandyne heat-transfer transducer and a flame-torch calibration technique for hypervelocity wind tunnels	1960
19680088018	An introduction to ballistic missiles. volume 3 - design and engineering of subsystems	1960
19680088019	Propulsion fundamentals	1960
19680088020	Design of liquid propellant engines	1960
19680088021	Propulsion controls	1960
19680088022	Nuclear propulsion	1960
19680088023	The aerodynamics of ballistic missiles	1960
19680088024	Structure design and environment	1960
19680088025	Thrust vector control	1960
19680088026	Mathematical analysis	1960
19680088042	An analytical and experimental study concerning an infrared image converter system for observation by means of a high detectivity closed circuit tv system /u/	1960
19680088051	Preliminary launch to orbit trajectory and ephemeris for nasa, s-27 flight /u/	1960
19680088054	Reference launch-to-orbit trajectory and ephemeris for nasa, nimbus flight /u/	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088163	Kiwi-a prime gamma ray dose rate measurements	1960
19680088621	Performance evaluation of cities service grade 1100 aircraft engine lubricating oil containing 2 per cent /vol/ cyclohexanone final report, phase a	1960
19680088660	U. s. army u-1a de havilland otter aircraft, 16 june 1959	1960
19680088697	A cw doppler radar for the observation of projectiles in hypersonic ballistic ranges	1960
19680088738	The effect of phosphorous-base fuel corrosion inhibitors on the "hot-end" components of turbojet engines final report	1960
19680088800	Observations at round hill on shot put 2	1960
19680088823	Thrust augmented intermittent jet lift-propulsion system "pulse reactor" final report	1960
19680089205	A study of burning rate control for solid propellants /u/ final report, 1 may 1959 - 31 jul. 1960	1960
19680089206	A study of burning rate control for solid propellants /u/ quarterly report, 1 nov. 1959 - 31 jan. 1960	1960
19680089298	Comparison of nuclear rocket, ion, and plasmajet propulsion for a mars mission /u/	1960
19680089381	[No Title]	1960
19680089414	More on heat conduction into the pusher /u/	1960
19680089521	Snapping of shallow spherical shells under static and dynamic loadings	1960
19680089589	Bis-acetonitrilo decaborane /band/ /u/	1960
19680089593	Lift, drag, static-stability and control characteristics and control surface panel loads from wind-tunnel tests at supersonic speeds of models of two versions of the b-70 airplane /coord. no. af-am-158/ /u/	1960
19680089602	Runway characteristics and performance of selected propeller-driven aircraft in routine operation	1960
19680090230	Runway characteristics and performance of jet transports in routine operation, volume 2	1960
19680090584	Low pressure aerodynamic facilities	1960
19680090637	An exploratory study of manual attitude control in space	1960
19680090649	Film boiling on hydrodynamic bodies	1960
19680090658	Runway characteristics and performance of ift transports in routine operation, volume 1	1960
19680090689	Characteristics of tcea hypersonic blow down wind tunnels, h-1 and h-2	1960
19680090766	Spectrally selective coatings for temperature control of space probes	1960
19680090799	Air transportation study	1960
19680090848	Relations between static and dynamic characteristics for a slowly oscillating blunt re-entry body with non-linear amplitude effects. part 2 - planar motion, pitch oscillation and translation	1960
19680090885	Effect of sting stiffness on measured derivatives for a model describing pitch oscillations of low reduced frequency	1960
19680091028	International conference on aircraft spinning	1960
19680091029	Special problems of spin research	1960
19680091030	Wind tunnel spin tests les essais de vrille en soufflerie	1960
19680091031	Some developments in spin testing techniques	1960
19680091032	Evolution of spin test techniques using in the spinning of recent aircraft evolution de la technique des essais de vrille en fonction des vrilles des avions recents	1960
19680091496	Wind tunnel test results of three inlets tested in lewis research center 18-inch x 18-inch wind tunnel during august, 1959	1960
19680091511	Aerodynamic evaluation of the xb-70 air induction system	1960
19680091996	Concepts for ws 107 a-2 mark 2 operational base facilities /u/	1960
19680091999	Deleted record	1960
19680092010	Evaluation Report of Mod III Instrumentation System with Atlas Missile XSM-65E-3	1960
19680092032	Flight Test Evaluation Report, Missile 3E	1960
19680092055	Analytical and experimental studies on titan 2 operational base facility design /u/ final report	1960
19680092084	Program requirements and general test plan for titan silo launch test facility /sltf/ vanderberg air force base /u/	1960
19680092270	Sm-68b propulsion integration design criteria /u/	1960
19680092333	Photoelastic calibration of torsion shafting	1960
19680092430	Titan Engines Storable-propellant Development Program	1960
19680092431	Weapon System 107A-2	1960
19680092436	Research and development final evaluation of the mod 3 radio guidance system on ws107a-1 test program /u/	1960
19680092535	Ws 107a-2 titan 2 ground system equipment design requirements for weapon effects, revision a /u/	1960
19680092547	Statistical analysis of perigee and apogee for near-circular orbits	1960
19680092567	Consolidated instrumentation plan, part 2a of the firing test report juno 2 vehicle am-19c /u/	1960
19680092935	Notes on the general non-linear behavior of elastic bodies	1960
19680093285	Development of lead selenide refrigerated detector units /U/ Final report, Jun. 1958 - Jan. 1960	1960
19680093310	Instrumentation configuration series E, article 21 AMR, WS-107A-1	1960
19680093947	Analysis of aerodynamic characteristics of the .03-scale B-70 airframe model 5 at Mach numbers of .2 to 3.5 in the Ames 8 x 7, Southern California Cooperative, and North American low-speed wind tunnel, Ames 63, CWT 759, NAAL 459, CWT 778	1960
19680094352	Nuclear data from neutron inelastic reactions /milestone 2, task 431311, job 53260/ /U/	1960
19680094510	Study of Knudsen's manometer	1960
19680094517	From the physics of the atom to the physics of the molecule	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680094523	Observations revealing process of nuclear disintegration in certain stars	1960
19690071298	Smithsonian Astrophysical Observatory Differential Orbit Improvement Program	1960
19690072666	Spacecraft power generation	1960
19690083158	Effects of engine thrust transients on XSM-65D missiles	1960
19690086643	Evaluation tests of compact arc lamps	1960
19690086662	Liquid oxygen and fuel pressure drop through flex hose sections fuel portion	1960
19690086675	Pressure transducers, 305 psid and 0-100 psid variable reluctance type, dc input-dc output, Tavis Engineering Co.	1960
19690086676	MA-3 propulsion control system sustainer hydraulic manifold leakage	1960
19690086677	Pre-production and initial production evaluation test report for swivel joint flange mounted ground support equipment - DWG. no. 27-08713-1	1960
19690086699	Test report for phase 4 of the aerodynamic heating test at the Nasa Langley unitary plan wind tunnel	1960
19690086703	Insulation purge system preliminary test	1960
19690086704	Production evaluation test report for transformer assembly isolation amplifier - DWG. no. 27-04363-1	1960
19690086705	Air motor, vernier solo hydraulic power supply evaluation	1960
19690086706	Structural test results of bolted flanged joints for ducts	1960
19690086804	Drug enhancement of performance Final report	1960
19690086853	Production evaluation test report for valve-check, purge, vernier engine, DWG. no. 27-02111	1960
19690086873	Evaluation test report for E series autopilot programmer remote set unit, DWG no. 27-41568	1960
19690086890	Production evaluation test for valve-check, bleed DWG. no. 27-08250	1960
19690086897	Structural test of fuel omega joint. DWG no. 27-21106	1960
19690086937	Pneumatic validation system evaluation, WS107A	1960
19690086961	Flow characteristics of liquid oxygen flexible hose assembly, part no. 27-02404-3. WS-107A	1960
19690086962	Evaluation of oxidizer relief and shutoff valve for Mercury series	1960
19690086980	Stripline duplexer feasibility	1960
19690087187	Reduced TiO2 semiconductor applications Final report	1960
19690087391	Mechanism of the lubrication of metal surfaces with solid films Progress report, 1 Nov. 1959 - 15 Mar. 1960	1960
19690087410	Mechanism of the lubrication of metal surfaces with solid films Progress report, 15 Mar. - 15 Jun. 1960	1960
19690087473	Photo-electric properties of solutions of sodium in liquid ammonia	1960
19690087503	Mechanism of the lubrication of metal surfaces with solid films Progress report, 15 Sep. - 15 Dec. 1960	1960
19690087525	Mechanism of the lubrication of metal surfaces with solid films Quarterly progress report, 15 Jun. - 15 Sep. 1960	1960
19690087765	Development of a procedure for coating propellant utilization manometer housings	1960
19690088469	Stabilization and control subsystem. Nimbus meteorological satellite. Program plan	1960
19690088622	Instruction Manual for Automatic-tracking Antenna System - Antenna Structure, Drive and Auxiliary Equipment, Volume 2	1960
19690088823	Stabilization and control subsystem for the Nimbus meteorological satellite Monthly progress report, 10 Nov. - 10 Dec. 1960	1960
19690088853	A preliminary review in the application of hot-wire anemometry to the study of repeated shock waves	1960
19690088936	Unclassified excerpts from MA-60-11/R/, apriori reliability analysis	1960
19690089094	Stabilization and control subsystem for the Nimbus meteorological satellite Monthly program progress report, 10 Oct. - 10 Nov. 1960	1960
19690089109	SR-181 - Program planning report /U/	1960
19690089132	Development of self-generating propellant pressurization systems /U/	1960
19690089450	Study of physical systems through signal flow graphs. Part 3 - Analysis of quadripole and n-port networks	1960
19690089475	Performance tests of a Doppler navigator. Flight tests of an 8.6-mm Doppler automatic navigator	1960
19690089648	Rocket plume radiance. 4. Studies of carbon particles formed by small, hydrocarbon fueled rocket engines	1960
19690089651	Introduction to the Environment Simulation Laboratory	1960
19690089654	Inertial Guidance Laboratory azimuth determination by theodolite observations on Polaris	1960
19690089857	A stable numerical solution of transient heat conduction problems	1960
19690089859	Treatment of metal surfaces for adhesion model - F-106	1960
19690089868	Investigation of phase shifts introduced by the CEC and FM recording systems	1960
19690089907	Atlas reliability testing program search for critical weakness in series D missileborne components	1960
19690089909	A space vehicle is born. History of Project Centaur. Part 2 - Design considerations leading to the selection of a boost pump propulsion system	1960
19690089922	Rocket plume radiance. Volume 3. The temperature, spectrum, and emissivity of exhaust gases from a small rocket	1960
19690089926	The low speed tunnel L-1	1960
19690089979	Certain geophysical phenomena associated with the subtropical inversion	1960
19690089980	Densification of coronal matter	1960
19690090036	Lunar Program Review /U/	1960
19690090064	Bending of thin walled cylinders under pressure	1960
19690090676	Facility performance requirements propulsion systems /U/	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090823	Analog simulations of Centaur separation	1960
19690090874	Truncation and round-off error analysis for the Centaur airborne computer, addendum 1	1960
19690090875	Parameter study and analysis of Centaur on-off attitude control system	1960
19690090914	Structural description report, SM-65E	1960
19690090918	Scale factors for the Centaur code "A" 24 hour orbit	1960
19690090920	Guidance equations for Centaur code "A" missions	1960
19690090956	New materials for Polaris reentry body /U/ Quarterly status report, 30 Nov. 1959 - 29 Feb. 1960	1960
19690090957	New materials for Polaris reentry body /U/ Quarterly status report, 31 Aug. - 30 Nov. 1959	1960
19690090965	Production evaluation test report of angular rate gyro /ser. no. 553/, CVA part no. 7-04249-803	1960
19690090977	Correlations between predicted and measured skin temperatures on the C series Atlas missiles	1960
19690090980	Truncation and round-off error analysis for the Centaur airborne computer	1960
19690090989	Guidance equations for the revised Centaur code "A" flight test missions	1960
19690090990	Centaur Semiannual technical summary report	1960
19690090991	Open-loop Centaur platform component error analysis for the 5,000 n. mi. circular orbit	1960
19690091022	Stress analysis second stage, airframe forward section, XSM-65-E	1960
19690091041	Study/adaption of Atlas/Centaur to NASA space missions Letter progress report, /final/	1960
19690091081	Study of meteorological utility of satellite imagery data Final report	1960
19690091102	TASSEL-Space Laboratory /Three Astronaut Space System Experimental Laboratory/	1960
19690091127	New materials for Polaris re-entry body /U/ Progress report, 31 Mar. - 30 Apr. 1960	1960
19690091128	New materials for Polaris re-entry body /U/ Progress report, 31 Jan. - 29 Feb. 1960	1960
19690091129	New materials for Polaris re-entry body /U/ Progress report, 31 Dec. 1959 - 31 Jan. 1960	1960
19690091134	New materials for Polaris re-entry body /U/ Progress report, 30 Apr. - 31 May 1960	1960
19690091135	New materials for Polaris re-entry body /U/ Progress report, 29 Feb. - 31 Mar. 1960	1960
19690091136	New materials for Polaris re-entry body /U/ Progress report, 30 Nov. - 31 Dec. 1959	1960
19690091153	The utilization of satellite observations in the theory and practice of numerical weather prediction Technical progress report, 1 Jan. - 1 Jul. 1960	1960
19690091162	Robin - Meteorological balloon development Final technical report, period ending 31 Oct. 1959	1960
19690091166	Tiros monthly status report for period ending 15 February 1960	1960
19690091180	Meteorological satellite system analyses Semiannual technical summary report	1960
19690091181	Satellite observations of infrared radiation Semiannual technical summary report	1960
19690091189	A summary of Millstone Hill results for the Tiros 1 satellite launching	1960
19690091191	Project Tiros Monthly status report for period ending 15 Jan. 1960	1960
19690091192	Tiros 1 - An operational evaluation of a new meteorological tool Semiannual technical report	1960
19690091193	Research directed toward the use of synoptic radar observations in the interpretation of satellite cloud observations Technical progress report, 15 Dec. 1959 - 15 Jun. 1960	1960
19690091222	Production evaluation test of control rate gyro serial no. 296 CVA part no. 27-04301-1	1960
19690091225	Research directed toward the use of synoptic radar observations in the interpretation of satellite cloud observations Technical progress report, 1 Sep. - 31 Dec. 1959	1960
19690091321	The utilization of satellite observations in the theory and practise of numerical weather prediction Technical progress report, 1 Sep. - 1 Jan. 1960	1960
19690091324	Project Tiros - Meteorological Satellite Semiannual Technical Summary Report, Jul. - Dec. 1959	1960
19690091396	Note on the performance of UM Barske's friction disc pump for very low suction heads	1960
19690091592	Study-adaptation of Atlas/Centaur to NASA space missions	1960
19690091696	Heat transfer rate distribution on Azusa antenna strut	1960
19690092023	Study of the design modifications necessary to provide a tank fragmentation capability on operational Atlas missiles	1960
19690092074	Stress analysis 2nd stage airframe aft section XSM-65E. Volume 1	1960
19690092081	Post flight digital simulation of the Atlas 40-D missile	1960
19690092087	Study-adaption of Atlas/Centaur to NASA space missions Letter progress report, 31 May - 30 Jun. 1960	1960
19690092093	Scale factors of the guidance equations for the Atlas/Centaur "piggyback" program	1960
19690092097	WS-107A-1 instrumentation configuration operational system test facility, no. 2, VAFB	1960
19690092171	Flight proofing test report of ass'y-rate gyro, autopilot /two axis rate gyro group/ drawing no. 27-41770, prototype ser. no. 1	1960
19690092228	Progress Report, 16 September - 16 December 1960	1960
19690092242	Large space environments facility study, feasibility and facility requirements Contractor report	1960
19690092496	Sustainer guidance for Centaur missions	1960
19690092772	British Research on the Basic Aerodynamics of Powered Lift System	1960
19690092818	Investigation of Flight Performance of Little Joe Booster for Project Mercury	1960
19690092895	Lunar Program Review	1960
19690093107	High-temperature syntheses of new, thermally-stable chemical compounds Technical report, Jul. 1958 - Jul. 1959	1960
19690093268	The vacuum-thermal stability of organic coating materials. Part 1 - The polyurethanes	1960
19690093380	Density and pore spectra of ablative plastic chars	1960
19690093489	Hypersonic inlet research in the Mach 6 to 7 range /U/	1960
19690093990	Study of the Eagle missile trajectory during burning of the initial booster /U/	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093992	[No Title]	1960
19690093993	Evaluation of a method for correcting regulus 1 yaw gyro drift /U/	1960
19700072712	Investigation of the aerodynamic characteristics of a model of a rocket missile with several arrangements of folding fins at Mach numbers of 1.75, 2.15, 2.48, and 2.87	1960
19700076139	An analysis of the errors in position given by an onboard lunar navigation system using observations of celestial bodies	1960
19700076265	Preliminary survey of retrograde velocities required for insertion into low lunar altitude orbits	1960
19700078283	Aerodynamic characteristics of a blunt half-cone entry configuration at Mach numbers from 3 to 6	1960
19700078290	The aerodynamic characteristics of some lifting bodies	1960
19700078296	Supersonic aerodynamic performance and static- stability characteristics of two blunt-nosed, modified 13 deg half-cone configurations	1960
19700079237	Sensitive fast response electron detector	1960
19700088728	Compact final report on phase 2. Volume 3 - Simulation studies Unclassified supplement	1960
19700088754	Preliminary design data item 1 C basic motion device electrical system	1960
19700088755	Preliminary design data items 1 A and 1 B basic motion device and screen structure	1960
19700088767	Preliminary design data item 1 D inter-coordination techniques of basic motion device	1960
19700088775	Saturn monthly technical progress and quarterly report, August 1960	1960
19700089189	A brief description of the nuclear engineering test facility	1960
19700089301	Report on evaluation of Kearfott dual-axis pendulous accelerometer	1960
19700089787	Calculation of dipole radar response for vertical and horizontal dipoles	1960
19700089808	Special sonic tool	1960
19700090421	Proceedings - Symposium on Dynamics of Package Cushioning	1960
19700090603	Joint Committee on Hazards of Nuclear Space Systems. Potential Hazards of Nuclear Space Systems /U/	1960
19700090650	The T-38 fatigue spectrum data for analysis and test	1960
19700091426	A study of seismic-wave propagation and detection	1960
19700091799	Calibration of radar antenna and positioning camera axes of the airborne profile recorded system	1960
19700092135	MOBIDIC A, instruction manual. Volume 8 - Power supply supplement	1960
19700092324	MOBIDIC A - Instructional manual, volume 2, chapters 5-7	1960
19700092698	Detailed description of COBOL	1960
19700092874	MOBIDIC B mass memory control unit Final design report	1960
19700093224	A note on measurement of polarization transformation properties of radar targets	1960
19700093962	Traveling-wave amplifier 308H /MAX-8/ Final technical report, 1 Mar. 1959 - 31 Aug. 1960	1960
19700094397	A note on the reliability of transmitted sea surface temperatures	1960
19700094614	Thermal requirements of non-ablating heat sink materials. Supplement 1 - Metallic alloys and amorphous dielectric solids, September 1959 - May 1960 /U/	1960
19700094926	Development of a 5 kilowatt pulsed X-band traveling-wave amplifier /U/ Final engineering report, 1 May 1957 - 1 Sep. 1960	1960
19700095464	The passive radar responder	1960
19700096064	Permanent magnet air cooled ac aircraft generators and regulators Final report, 1 Jan. - 31 Dec. 1959	1960
19700096171	Controllable liquid rocket program	1960
19700096412	Static test report of TX 33-36 rocket motor static test of motor no. 80 conducted on 13 July, 1961 /U/	1960
19710064706	Effect of gamma and X-rays upon dry bacterial spores	1960
19710064711	Survey of Electronic Components	1960
19710064727	Investigation of bacterial contamination inside electronic components, test 2	1960
19710064970	Free-flight investigation of static stability and drag of models of the second and third stages of the hemisphere-nosed X-17 at Mach numbers from 4 to 10	1960
19710064972	Measurements of transonic flutter derivatives for a midspan control surface on a modified delta wing	1960
19710064977	Wind-tunnel investigation at low subsonic speeds of the static and oscillatory stability characteristics of models of several space capsule configurations	1960
19710064983	Longitudinal stability characteristics and pressure distribution for a model of a long range ballistic missile at Mach numbers from 0.60 to 3.52	1960
19710065103	Effect of dry heat upon dry bacterial spores - Protection branch report of test no. 22-60	1960
19710065134	Investigation of bacterial contamination inside electronic components, test 1, no. 19-60	1960
19710065159	Investigation of bacterial contamination inside solar panel, test no. 20-60	1960
19710065509	Free-flight measurements of the base pressures and drag of a flare-stabilized cylindrical reentry body with an elliptical blunt nose at Mach numbers 1.9 to 0.7	1960
19710065523	Stability and drag characteristics of two low-drag reentry bodies obtained with free-flight models at Mach numbers between 0.96 and 3.28	1960
19710066929	Vibration analysis of toroidal shells of circular cross sections	1960
19710067060	Tensile creep of 2024-T3 aluminum-alloy sheet under varying load conditions	1960
19710067221	The velocity and directional distribution of subliming molecules	1960
19710068110	A summary of the aerodynamic performance of hypersonic gliders	1960
19710068114	Effect of wing crank and sweepback on the low subsonic stability and control characteristics of a model of hypersonic boost-glide type airplane	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710068123	Effect of Vertical-Tail and Rudder Deflection on the Aerodynamic Characteristics of a Hypersonic Glider Model at Mach Numbers of About 0.62 and 0.93	1960
19710068134	Aerodynamic Characteristics for Two Hypersonic Glider Models with and Without Wing and Vertical-Tail Trailing-Edge Chord-Extensions at a Mach Number of 0.94	1960
19710068138	High subsonic investigation of the aerodynamic characteristics of a hypersonic glider model with and without deflected elevons and body flap	1960
19710068139	Effects of Elevon Deflection on the Aerodynamic Characteristics of a Hypersonic Glider Model at Mach Numbers of About 0.62 and 0.96	1960
19710068145	Research on radiation heat shields for bodies and leading edges	1960
19710069112	Effects of nozzle-shroud misalignment on performance of a fixed-shroud divergent ejector	1960
19710069948	Estimation of statistics of vertical velocity from landing accelerations and airplane weight	1960
19710069949	Lift-drag ratios for arrow wings alone and in combination with a body, nacelles, and vertical tails at Mach number 3	1960
19710069950	Static longitudinal, directional, and lateral stability and control data from an investigation at a Mach number of 6.83 of two developmental X-15 airplane configurations	1960
19710069957	The control characteristics of two preliminary models of the X-15 research airplane at Mach numbers of 2.98 and 4.01	1960
19710069959	Aeroelastic research at high speeds	1960
19710069961	Aerodynamic characteristics at Mach numbers from 2.29 to 4.65 of 80 deg swept arrow wings with and without camber and twist	1960
19710069965	Low-speed investigation of the effects of wing flap deflection and horizontal-tail configuration on the longitudinal aerodynamic characteristics of an airplane configuration having tail surfaces outboard of the wing tips	1960
19710069970	Low-speed wind tunnel investigation of the aerodynamic characteristics of an airplane having a cambered arrow wing with a 75 deg swept leading edge	1960
19710070032	Effects of various modifications on the supersonic stability characteristics of a variable-wing-sweep configuration at a Mach number of 2.01	1960
19710070033	Investigation of the effect of nacelles on the aerodynamic characteristics of a cambered and twisted 80 deg swept arrow wing at Mach numbers of 2.29 and 2.98	1960
19710070035	Summary of the static stability and control results of a hypersonic glider investigation	1960
19710070038	Correlation of boundary-layer transition results on highly cooled blunt bodies	1960
19710070126	Flutter investigation of 60 deg to 80 deg delta-planform surfaces at a Mach number of 7.0	1960
19710070154	Performance characteristics of a wing-body combination with a two-dimensional external-internal-compression inlet at Mach 3.5 and 3.0	1960
19710070155	Damping in pitch and static stability of supersonic impact nose cones, short blunt subsonic impact nose cones, and manned reentry capsules at Mach numbers from 1.93 to 3.05	1960
19710070156	The aerodynamic-force and heat-transfer characteristics of lifting reentry bodies	1960
19710070159	Effects of afterbody shape on the aerodynamic characteristics of a fineness-ratio-10 cone-cylinder configuration at Mach numbers from 1.57 to 4.65 including design parameter curves for circular afterbody flares	1960
19710070160	Low speed flight characteristics of reentry vehicles of the glide-landing type	1960
19710070161	Studies of stability and control of winged reentry configurations	1960
19710070163	Interplanetary navigation system study, volume 3	1960
19710070164	Interplanetary navigation system study, volume 2	1960
19710070172	Investigation of three Mach 7 external compression axisymmetric inlets from Mach 1.9 to 6.8	1960
19710070173	Effects of boattailed afterbodies on base heating and motor aerodynamic hinge moments of a rocket missile	1960
19710070174	Effects of centerbody length and nose shape on the transonic characteristics of low-fineness-ratio bodies of revolution with a flared afterbody	1960
19710070175	Static longitudinal stability of a missile configuration with various nose shapes and flared afterbodies at a Mach number of 6.82	1960
19710070259	Durability investigation of a one-quarter of a one-quarter-sector combustor at high values of inlet-air pressure and temperature	1960
19710070319	Flow fields, pressure distributions, and heat transfer for delta wings at hypersonic speeds	1960
19710070328	An analysis of the stability and control of ballistic supersonic impact reentry bodies	1960
19710070334	Transonic static aerodynamic characteristics of a low-fineness-ratio body of revolution having a blunt ellipsoidal nose and flared afterbodies of various angles and base areas	1960
19710070363	Wind-tunnel tests of the static and dynamic stability characteristics of four ballistic reentry bodies	1960
19710070511	Effects of base bleed flow on base region temperatures and pressures of several simulated missile afterbody configurations, Mach number range of 0.8 to 2.0	1960
19710070512	Effects of sting support interference on the base pressures of a model having a blunt nosed cylinder body and a conical flare at Mach numbers of 0.65 to 2.20	1960
19710070513	Transonic characteristics of a space vehicle and a multiple stage rocket assembly	1960
19710070514	Investigation of modifications of a twin duct side inlet utilizing a boundary layer removal slot at Mach numbers from 1.59 to 2.10	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072635	Water quench test no. 4 of the TALOS booster safety program /U/	1960
19710072872	Materials for fuel control valves Final report	1960
19710073175	Marquardt experience with hydrogen peroxide- boron hydride fueled rocket systems /U/	1960
19710074151	Nike Zeus Model DM-15B - Second Series of Materials Test in NASA Pilot Model Ceramic Heated Air Jet /U/	1960
19710074183	Low-temperature specific heats of rubidium and cesium	1960
19710075073	Cryogenic research and development Quarterly report, period ending 30 Sep. 1960	1960
19710075850	A wind tunnel investigation of the aerodynamic loads on a missile in proximity to a swept-wing launching airplane. Volume 1 - X-tail missile configuration /U/	1960
19710075851	A wind tunnel investigation of the aerodynamic loads on a missile in proximity to a swept-wing launching airplane. Volume 2 - Y-tail missile configuration /U/	1960
19710075852	A wind tunnel investigation of the aerodynamic loads on a missile in proximity to a swept-wing launching airplane. Volume 3 - Tail-off missile configuration /U/	1960
19710077060	Small particle impact studies	1960
19710077218	Human engineering testing and malfunction data collection in weapon system test programs	1960
19710077423	A catalog of equipment producing and propagating electromagnetic energy. Volume 1 - Report, index and bibliography	1960
19710077446	Project Hero - A catalog of equipment producing and propagating electromagnetic energy. Volume 2 - Unclassified data sheets	1960
19710077458	MOBIDIC A instruction manual. Volume 1 - Chapters 1-4	1960
19710077459	MOBIDIC A instruction manual. Volume 3 - Chapters 8-13	1960
19710077460	MOBIDIC A instruction manual. Volume 5 - Illustrations for section 6	1960
19710077461	MOBIDIC A instruction manual. Volume 6 - Illustrations for section 7	1960
19710077462	MOBIDIC A instruction manual. Volume 7 - Illustrations for sections 8-13	1960
19710077463	MOBIDIC A instruction manual. Volume 9 - Signal lists for section 12	1960
19710079432	The Humboldt current and the Pacific land area of its effective range	1960
19710079723	Investigation of convergent photography for base plant operation	1960
19710082471	SM-62A Snark emergency strike exploitation study report, SESAME	1960
19710082642	N27809-1 system installation intransit heating	1960
19710082895	General summary of results obtained on tow cable tests for the F-101A portion of the tow system development program	1960
19710083156	XSM-62 screened inlet high speed wind tunnel test analysis	1960
19710084709	Quarterly report, April - June 1960	1960
19710085059	C-133A synchrophasing evaluation	1960
19720062388	Effects of some wing variations including wingtip deflection on the static longitudinal aerodynamic characteristics of a delta-wing configuration at supersonic speeds	1960
19720062392	Aerodynamic characteristics at Mach numbers from 0.60 to 1.16 of a canard configuration designed for supersonic cruise flight	1960
19720063005	The effect of the bow shock wave on the stability of blunt-nosed slender bodies	1960
19720063114	Aeroelastic research at high speeds	1960
19720063272	Convective heat transfer to a blunt lifting body	1960
19720063273	Free-flight investigation of the base pressure and drag of a flare-stabilized blunt-nose reentry body having a fineness ratio of 3.11 at Mach numbers from 0.70 to 1.90	1960
19720063432	Stability and control characteristics at transonic speeds of a variable-wing-sweep airplane configuration with wing outboard panels swept 113.24 deg and 75 deg	1960
19720063433	Stability and control characteristics at a Mach number of 2.2 of a variable-sweep airplane configuration having a 12-percent-pivot location	1960
19720063434	Dynamic directional stability characteristics for a group of blunt reentry bodies at transonic speeds	1960
19720063435	The transonic damping in pitch of three cylinder-flare models with various degrees of nose bluntness	1960
19720063436	The effects of nose bluntness on the flow separation and longitudinal characteristics of ellipsoidal-nosed cylinder-flare models at transonic speeds	1960
19720063451	Stability and control characteristics at a Mach number of 2.01 of a variable-sweep airplane configuration capable of low-level supersonic attack - Outer wing swept 75 deg	1960
19720063454	Stability and control characteristics at a Mach number of 2.2 of a variable-sweep airplane configuration capable of low-level supersonic attack - Outer wing swept 75 deg	1960
19720063626	Basic pressure measurements at transonic speeds on booster configurations for a proposed hypersonic glider	1960
19720063631	Wind-tunnel investigation at Mach numbers from 0.20 to 1.17 of the static aerodynamic characteristics of a possible reentry capsule	1960
19720063632	Performance of a short hydrogen-fueled ramjet at Mach numbers of 3.2 and 3.6	1960
19720063633	An investigation of the aerodynamic characteristics at subsonic speeds of a nonlifting type space-capsule model simulating escape and reentry configurations	1960
19720063636	Measurements of the flow over blunt-nosed bodies at Mach numbers from 2.5 to 3.5	1960
19720063639	Cold-air investigation of a three-stage turbine with a blade to jet speed ratio of 0.135 designed for a 20,000-pound-thrust hydrogen-oxygen rocket turbopump application	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720063643	Design concepts in million-pound-thrust-class space vehicles for reduction of overall structural weight and evaporative losses in upper-stage cryogenic propellants	1960
19720063644	Design principles for deposit-free injectors for use with boron-containing fuels	1960
19720065347	Atlas/Centaur/Surveyor preinjection characteristics for 66.6 hour lunar flight time	1960
19720065361	Space programs summary no. 37-3, for the period 15 March - 15 May 1960	1960
19720065632	Centaur study report, June 1960	1960
19720066105	Investigation of the static longitudinal stability characteristics of a model of an intermediate-range ballistic missile at Mach numbers between 1.57 and 4.65	1960
19720066319	Aerodynamic Requirements for Longitudinal Stability of Winged Space Vehicles Descending into the Earth's Atmosphere at Very High Angles of Attack	1960
19720066322	Aerodynamics of Decelerators at Supersonic Speeds	1960
19720067402	Stability and control characteristics of a model of a low wing missile with interdigitated tail surfaces at transonic speeds	1960
19720070279	Compilation of data covering aircraft servicing facilities aboard carriers	1960
19720070459	High density impulse, variable thrust, hybrid rocket (U)	1960
19720071969	Static longitudinal aerodynamic characteristics and pressure distributions for a model of a ballistic missile at Mach numbers from 1.60 to 4.65	1960
19720072513	The theory of balancing rotating machinery	1960
19720073781	Project 730: Orbital airplane (U)	1960
19720073788	Survey Team Established to Investigate the Use of Agena for the National Aeronautics and Space Administration	1960
19720073789	Survey Team Established to Investigate the Use of Agena for the National Aeronautics and Space Administration	1960
19720074434	The design and construction of a three-loop antenna for high frequency shipboard direction finding	1960
19720075469	Nuclear rocket flight test vehicle	1960
19720075474	Convair study of Reactor In-Flight Test (RIFT) program	1960
19720075749	Preliminary report on acquisition aid at Wallops Island	1960
19720075896	Acquisition aid tests at Cubic Corporation	1960
19720075897	Technique for detection of side-lobe	1960
19720075898	Electrical test of Canoga quad-helix antenna, supplement 1	1960
19720075971	Bermuda to New York radio teletype	1960
19720075972	A proposal for long range communications between ground and low-orbiting satellites	1960
19720075974	Ground to ground communications	1960
19720075975	Signal strength calculations for Mercury capsule communications. Part 1: Strengths of circularly polarized signals for the Mercury lower telemetry frequency with 50 foot high ground antennas	1960
19720075984	Side-lobe tracking tests on the AN/FPS-16 radar at Wallops Island	1960
19720075985	Faraday rotation for the Mercury capsule at 200 Mc	1960
19720076000	A proposal for improving the skin and beacon detection and tracking capabilities of the AN/FPS-16	1960
19720076001	Allowable space loss for acquisition aid receiver	1960
19720076002	A proposal for improving the skin and beacon detection and tracking capabilities of the AN/FPS-16	1960
19720076003	RTTY reliability test on San Francisco-Sydney path	1960
19720079425	Creep-rupture kinetics of heat-resistant alloys	1960
19720080521	The place of the nuclear rocket in the space program (U)	1960
19730064052	Nondestructive solid propellant testing	1960
19730064053	Quarterly Summary Report no. 38-2, 1 September - 31 December 1960	1960
19730064059	Effects of humidity on the mechanical properties of selected polysulfide and polyurethane propellants	1960
19730064064	Utilization of electric propulsion in spacecraft	1960
19730064128	Materials problems in space-vehicle engine development	1960
19730064133	Space programs summary, 15 May - 15 July 1960	1960
19730064143	Juno 4 rocket vehicle system	1960
19730064145	Photographic studies of the combustion characteristics of metal particles	1960
19730064157	Terrestrial corpuscular radiation, part 1. A possible mechanism for creation of a terrestrial corpuscular radiation under influence of cosmic rays, part 2	1960
19730064160	Space program summary no. 37-1	1960
19730064272	Some results of an integrated study of a lifting-body entry vehicle	1960
19730064634	Static aerodynamic characteristics of several hypersonic missile-and-control configurations at a Mach number of 4.65	1960
19730064635	An investigation of the static and dynamic aerodynamic characteristics of a series of blunt-nosed cylinder-flare models at Mach numbers from 0.65 to 2.20	1960
19730064636	Characteristics of a blunt-nosed cylindrical flared body in pitch at transonic March numbers	1960
19730064637	Ablative properties of thermoplastics under conditions simulating atmosphere entry of ballistic missiles	1960
19730064641	Investigation of underwater launchings of a model of an air missile	1960
19730064646	Effects of Wing Plan Form Geometry on the Aerodynamic Characteristics of a Hypersonic Glider at Mach Numbers up to 9.6	1960
19730064656	Technical development plan for a joint geodetic satellite system, Project ANNA	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730064727	Research summary no. 36-4, volume 3 for the period 15 June - 15 August 1960	1960
19730064890	F-1 pressurization system analysis	1960
19730064910	SATURN Project	1960
19730065283	Effects of nose shape and afterbody flare on the transonic characteristics of a low-fineness ratio body of revolution	1960
19730065520	Preliminary ascent trajectoreis for NASA lunar mission, Flight RA-3	1960
19730065790	Preliminary evaluation of Mercury-Redstone launch MR-1	1960
19730065792	Project Mercury - Redstone: Final standard trajectory for MR-1	1960
19730067914	Engineering proposal for design and development work on a nuclear turbojet propulsion unit (U)	1960
19730068763	Theory of aperture type electron lenses with space charge	1960
19730068799	An experimental investigation of aperture-type electron lenses	1960
19730071337	A technique for the investigation of bacterial contamination inside electronic components	1960
19730072813	Measurements of noise produced by a turbulent layer (U)	1960
19730073077	Atomic physics of low temperature plasmas	1960
19730073383	Project Mercury: Methods and pertinent data for Project Mercury flight computing requirements	1960
19730074338	NASA TAD 005 study, Agena injection errors. Part 1: RA-1 mission without booster (Atlas) guidance errors	1960
19730074339	Performance characteristics of hydrogen-fluorine rocket engines at various chamber pressures and nozzle area ratios	1960
19730074346	NASA studies pertaining to missions	1960
19730074347	State-of-the-art improvements in the Arcon rocket	1960
19730074351	Development of the rocket velocity and attitude control system	1960
19730074352	Development of the rocket velocity and attitude control system	1960
19730074354	Aerial Recovery Airplane for Saturn Booster	1960
19730074560	Feasibility study of a high mass ratio motor	1960
19730074565	NASA Agena B program	1960
19730074569	Development of the rocket velocity and attitude control system	1960
19730074570	Design studies of very large solid fuel rockets	1960
19730074571	Design studies of very large solid fuel rockets	1960
19730074573	Development of the rocket velocity and attitude control system	1960
19730074574	Development of the rocket velocity and attitude control system	1960
19730074575	Design studies of very large solid fuel rockets	1960
19730077709	Very large solid propellant rockets for space vehicles	1960
19730077719	Feasibility study of a nozzleless rocket motor	1960
19730077720	Feasibility study of a high mass-ratio rocket motor	1960
19730078026	Maintenance manual for manned satellite capsule procedures trainer, book 2	1960
19730078063	Operation manual for manned satellite capsule procedures trainer, book 1	1960
19730078070	Feasibility study of a nozzleless rocket motor	1960
19730078079	Feasibility study of a high mass-ratio rocket motor	1960
19730078080	Design study for a very large solid fuel initial stage	1960
19730078081	Design study for a very large solid fuel initial stage	1960
19730078083	Feasibility study of a high mass ratio motor	1960
19730078313	Studies in electroluminescence, 1960	1960
19740072472	Juno. Volume 1: Juno 1: Re-entry test vehicles and Explorer satellites	1960
19740072500	The Vanguard satellite launching vehicle: An engineering summary	1960
19740072521	Index and test results. Part 1: Mercury-Redstone vehicle MR-1 firing test report	1960
19740072836	Graphical presentation of difference solutions for transient radial heat conduction in hollow cylinders with heat transfer at the inner radius and finite slabs with heat transfer at one boundary	1960
19740073168	Observations at Kaena Point, Oahu, Hawaii, tracking station during Discoverer 13 operations	1960
19740073608	Advanced nuclear space power systems briefing for AEC-NASA	1960
19740073778	Investigation of the static aerodynamic characteristics of a model of a bomber in simulated refueling positions behind a tanker model at Mach numbers of 1.57, 2.16, and 2.87	1960
19740074492	Ablation and associated subjects	1960
19740074766	Astronautics information: Navigation, guidance, and control	1960
19740074813	Combustion efficiency in solid propellant rocket motors	1960
19740075410	Formulation and properties of a urea-containing polyurethane propellant	1960
19740075778	Research summary no. 36-5, volume 3 for the period 1 August - 1 October 1960	1960
19740075942	Postlaunch report for Mercury-Atlas no. 1	1960
19740076036	Orbital docking test study	1960
19740076046	Space programs summary no. 37-6, for the period 15 September - 15 November 1960	1960
19740076049	Space problems summary no. 37-5, for the period 15 July - 15 September 1960	1960
19740076113	Project Mercury: Mercury Redstone mission 1A (capsule no. 2)	1960
19740076146	Mercury -Redstone launch MR-2	1960
19740076463	Firing Test Report: Juno 2 Vehicle AM-19C	1960
19740076676	Atlantic Missile Range Test Activity Report, November 1960	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740077325	Research summary no. 36-1, volume 2 for the period 15 December 1959 - 15 February 1960	1960
19740077326	Comparative Study Report Summary	1960
19740079875	TIROS 1 meteorological satellite system	1960
19740080437	Feasibility study of a nozzleless rocket motor	1960
19740081604	Feasibility study of a high mass ratio motor	1960
19740081606	Feasibility study of a nozzleless rocket motor	1960
19740081607	Feasibility study of a high mass-ratio rocket motor	1960
19740081710	Feasibility study of high mass ratio motor	1960
19740081712	Feasibility study of a high mass ratio motor	1960
19740081860	The mechanism for missile booster disintegration	1960
19740081861	The 106.1-MC radar echoes from missile exhaust and other effects	1960
19740081917	Interservice radiation measurement program. Measurement operation report for AMR test no. 802	1960
19740081918	Interservice radiation measurement program. Measurement operation report for AMR test no. 2805	1960
19740081919	Interservice radiation measurement program. Measurement operation report for AMR test no. 2819	1960
19740081920	Interservice radiation measurement program. Measurement operation report for AMR test no. 3509	1960
19740081996	Interservice radiation measurement program. Measurement operation report for AMR test no. 2817	1960
19740082569	Interservice radiation measurement program. Measurement operation report for AMR test no. 2820	1960
19740082640	High frequency measurements of ionospheric interaction	1960
19740082813	Fluorine-hydrogen engine development	1960
19740083283	Vega program: General test plan, model 57	1960
19740083304	SNAP-8 PCS program	1960
19740084179	A feasibility study of the BN concept	1960
19740084641	J-2 program	1960
19740084649	Design studies of very large solid fuel rockets	1960
19740084687	Actual trajectory for jupiter test flight AB-19D	1960
19740085496	Periodic summary letter no. 4, 3 August - 3 September 1960	1960
19740085508	Periodic summary letter no. 5, 3 September - 3 October 1960	1960
19740085519	Monthly progress report for March 1960	1960
19740085879	Investigation of the position of boundary layer transition on the fin of the FD2 in supersonic flight	1960
19740086713	Feasibility study of a high mass-ratio rocket motor	1960
19740086884	Proposal 60-162 for an early rendezvous demonstration study. Volume 1: Technical volume	1960
19740086887	Periodic summary letter no. 3, 3 July - 3 August 1960	1960
19740086890	Experiments on, and analyses of, the dynamics of a topping turbine cycle	1960
19740086891	Periodic summary letter no. 6, 3 October - 3 November 1960	1960
19740086893	Hypersonic cruise vehicles	1960
19740086896	Experiments on, and analysis of, the dynamics of a topping turbine cycle	1960
19740088124	Proposal for development of an electrostatic tape camera for meteorological satellite applications	1960
19750064556	Communications satellites: An introductory survey of technology and economic promise	1960
19750065547	Research summary no. 36-2, volume 2 for the period 15 February - 15 April 1960	1960
19750065549	Relative performance of high energy propellants and the importance of the weight fraction of condensables in the exhaust	1960
19750065552	Research summary no. 36-3, volume 2 for the period 15 April - 15 June 1960	1960
19750066340	Simulation requirements for the development of advanced manned military aircraft	1960
19750066485	Detailed test objectives for Mercury/Atlas vehicle 67-D(NASA mission MA-2)	1960
19750067690	Prelaunch calculation of programs for optimum orientation of the spin axis of the TIROS 2 satellite by means of magnetic attitude control	1960
19750067701	Sensor alignment and calibration data for the Tيروس 1 meteorological satellites	1960
19750067833	Instruction and operating handbook, TIROS 2 meteorological satellite system	1960
19750067865	Operation Plan Tيروس 2	1960
19750069065	Ablative properties of plastics under simulated reentry conditions	1960
19750069067	Astronautics information: Navigation, guidance, and control	1960
19750069072	Juno 2: Space probes, volume 2	1960
19750069085	NASA rift systems study mid-term briefing. Part A: Flight test	1960
19750069179	Model specification SNAP-8, nuclear power conversion system model AGAN-0010	1960
19750069190	Design study requirements for a lunar soft landing spacecraft (Surveyor)	1960
19750069207	Development of SNAP-8 nuclear power conversion system, model AGAN-0010	1960
19750069217	Agema study report	1960
19750069772	Mercury manned orbital capsule detail specification	1960
19750073250	Very large solid propellant rockets for space vehicles	1960
19750073256	Statement of work for a lunar rough landing capsule	1960
19750073260	Current project status report 4 - 60	1960
19750073304	Periodic summary letter no. 1, 3 May - 3 June 1960	1960
19750073849	Monthly progress report for January 1960	1960
19750073856	LR99 in DYNA-SOAR 1. Volume 2: Air Launch Approach	1960
19750073859	Technical supplements for analytical and design studies of nuclear rocket propulsion systems, volume 3	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074607	Measurement of spectral and total emittance of materials and surfaces under simulated space conditions, 1 July 1959 - 30 June 1960	1960
19750075319	Check list, acceptance, T-3, launch area, first and second stage Delta	1960
19750075320	Delta-TIROS countdown manual	1960
19750077251	Performance/design and qualification requirements for nozzle assembly subsystem	1960
19760065931	Standard trajectory Atlas/Agena, Ranger 3 and Ranger 4. Part 1: Preinjection	1960
19760079264	Investigation of the effects of engine arrangement on stability and performance characteristics of a canard-type aircraft configuration near a Mach Number of 3 including effects of canard plan form	1960
19760079265	Low-lift flight tests of four-engine delta-wing configurations to obtain wing pressure and aerodynamic coefficients including some jet effects from Mach number 0.5 to 1.5	1960
19760079266	Wind-tunnel investigation of low-subsonic flight characteristics of a model of a canard airplane designed for supersonic cruise flight	1960
19760084099	The use of shrapnel as an ICBM countermeasure	1960
19770073464	Section 2: Structure-property relationship in itacolumite	1960
19770073884	Bioinstrumentation activities at the NASA research center--current and future	1960
19770090304	Ten-year plan	1960
19770090440	The autopilot for the Centaur space vehicle model 55	1960
19770091306	Eclipse study of a twenty-four hour equatorial satellite	1960
19780072062	Space Programs Summary No. 37-2 for the period January 15, 1960 to March 15, 1960	1960
19780073729	A reliability review of the Juno 2 vehicle by the NASA Juno 2 Review Committee	1960
19780075306	NASA lunar missions-AFMTIC (Ranger, Agena B, Atlas vehicles) program requirements	1960
19780075323	Comparative Study, Intermediate L/D Glider Configuration, Dyna Soar Step 1, Phase Alpha, Volume 2	1960
19780075324	Atlas Booster Trade Studies. Dyna-Soar Step1, Phase Alpha	1960
19780075352	Briefing Material from the Presentation on Dyna Soar to the Air Force Scientific Advisory Board	1960
19780078528	The boundary-layer transition characteristics of two bodies of revolution, a flat plate, and an unswept wing in a low-turbulence wind tunnel	1960
19780078529	Aerodynamic-heating data obtained from free-flight tests between Mach numbers of 1 and 5	1960
19780083798	Presentation of NASA long-range goals using saturn and larger vehicles to ad hoc man-in-space panel of the presidents's science advisory committee	1960
19780083799	Data and support requirements Delta research vehicles program at PMR	1960
19790070496	Review of the effect of distributed surface roughness on boundary-layer transition	1960
19790076742	Field Operations Memorandum	1960
19790077050	Atlas Booster Program for NASA Project Mercury Progress Report, 1-31 Jul. 1960	1960
19790078781	Terrestrial and lunar physical constants for use in Project Apollo	1960
19800073348	Index of NASA technical publications, July, 1959 - June, 1960	1960
19800073469	Basic laws of ionospheric propagation for topside sounding	1960
19810070398	Study of Pilot-Vehicle Performance During Low-Altitude High Speed Flight	1960
19820065432	Report to Congress from the President of the United States: US aeronautics and space activities, January 1 to December 31, 1960	1960
19820073567	Effect of the purity of the metal on intergranular autodiffusion of iron in the Alpha phase	1960
19830085498	Combined stability and control and aircraft and engine performance trials of the Model A4D-2N airplane	1960
19840068172	Historical origins of the George C. Marshall Space Flight Center	1960
19850080441	Pilot performance during centrifuge simulated boost and reentry	1960
19850080442	Pilot performance capabilities during centrifuge simulations of boost and reentry	1960
19880069025	The flow of a viscous rarefied gas around a flat half infinite plate	1960
19880069043	Differential equations of the equilibrium states of thin elastic shells in the postcritical stage	1960
19880069044	Differential equations of the equilibrium states of thin elastic shells in the postcritical stage	1960
19880069045	Toward a general theory of plates and shells with finite displacements and strains	1960
19880073730	Conduct study, design, develop and furnish prototypes of energy absorption systems for aircraft seats	1960
19890068019	Wind-tunnel investigation of longitudinal aerodynamic characteristics of three propeller-driven VTOL configurations in the transition speed range, including effects of ground proximity	1960
19890068023	Tests of an area suction flap on a NACA 64A010 airfoil at high subsonic speeds	1960
19890068024	Full-scale wind-tunnel tests of a swept-wing airplane	1960
19890068025	Operational method of determining initial contour of and pressure field about a supersonic jet	1960
19890068026	Investigation of aerodynamic effects of external combustion below flat-plate model in 10- by 10-foot wind tunnel at Mach 2.4	1960
19890068034	Thermal-stress fatigue cracking of turbine buckets operated at 1700 deg F in a turbojet engine with long periods of operation between starts	1960
19890068035	Crash-fire protection system for a J57 turbojet engine using water as a cooling and inerting agent	1960
19890068037	Analysis of trajectory parameters for probe and round-trip missions to Mars	1960
19890068038	Some basic considerations of telemetry system design	1960
19890068039	Compilation of thermodynamic properties, transport properties and theoretical rocket performance of gaseous hydrogen	1960
19890068040	Application of various techniques for determining local heat-transfer coefficients in a rocket engine from transient experimental data	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19890068041	Dissociative relaxation of oxygen over an adiabatic flat plate at hypersonic Mach numbers	1960
19890068046	Numerical computation of aerodynamic heating of liquid propellants	1960
19890068053	Performance study of a piston-type pump for liquid hydrogen	1960
19890068056	Analysis of elastic-plastic stress distribution in thin-wall cylinders and spheres subjected to internal pressure and nuclear radiation heating	1960
19890068071	Subsonic wind-tunnel investigation of the aerodynamic effects of pivoting a low-aspect-ratio wing to large yaw angles with respect to the fuselage to increase lift-drag ratio	1960
19890068072	Experimental investigation at a Mach number of 3.11 of the lift, drag, and pitching-moment characteristics of five blunt lifting bodies	1960
19890068073	The effect on the drag of a wing-body combination of moment-of-area-rule modifications with pods ducted to simulate engine nacelles	1960
19890068075	Effect of leading-edge thickness on the flow over a flat plate at a Mach number 5.7	1960
19890068076	Study of the aerodynamic forces and moments on bodies of revolution in combined pitching and yawing motions	1960
19890068077	Wind-tunnel tests of a circular wing with an annular nozzle in proximity to the ground	1960
19890068079	An experimental investigation of the effect of wind tunnel walls on the aerodynamic performance of a helicopter rotor	1960
19890068080	Investigation at transonic speeds of loading over a 30 deg sweptback wing of aspect ratio 3, taper ratio 0.2, and NACA 65A004 airfoil section mounted on a body	1960
19890068081	Trim drag at supersonic speeds of various delta-planform configurations	1960
19890068082	Wing-on and wing-off longitudinal characteristics of an airplane configuration having a thin unswept wing of aspect ratio 3, as obtained from rocket-propelled models at Mach numbers from 0.8 to 1.4	1960
19890068083	An optimization study of effects on aircraft performance of various forms of heat addition	1960
19890068084	Longitudinal aerodynamic characteristics of a high-subsonic-speed transport airplane model with a cambered 40 deg sweptback wing of aspect ratio 8 at Mach numbers to 0.96	1960
19890068085	A brief investigation of a hydro-ski stabilized hydrofoil system on a model of a twin-engine amphibian	1960
19890068086	An analysis of the impact motion of an inflated sphere landing vehicle	1960
19890068087	The supersonic transport: A technical summary	1960
19890068088	Static-stability measurements of a stand-on type helicopter with rigid blades, including a comparison with theory	1960
19890068089	Low-speed investigation of static longitudinal and lateral stability characteristics of an airplane configuration with a highly tapered wing and with several body and tail arrangements	1960
19890068090	A technique for firing dynamically scaled missile models in wind tunnels and for measuring rocket-motor sound and pressure fluctuations	1960
19890068091	A high-velocity gun employing a shock-compressed light gas	1960
19890068092	Effects of air contamination in a helium tunnel	1960
19890068093	Exploratory statistical analysis of planet approach phase guidance schemes using range, range-rate, and angular-rate measurements	1960
19890068094	Effect of eccentricity of the lunar orbit, oblateness of the Earth, and solar gravitational field on lunar trajectories	1960
19890068096	A study of the guidance of a space vehicle returning to a braking ellipse about the earth	1960
19890068097	Effects of nose corner radii, afterbody section deflections, and a drogue chute on subsonic motions of manned-satellite models in reentry configuration	1960
19890068098	Static stability and separation characteristics of a two-stage rocket configuration at Mach numbers from 1.57 to 4.50	1960
19890068100	One-dimensional analysis of ion rockets	1960
19890068101	Analysis of one-dimensional ion rocket with grid neutralization	1960
19890068103	An investigation of the role of gaseous diffusion in the oxidation of a metal forming a volatile oxide	1960
19890068106	Initial investigation of arc melting and extrusion of tungsten	1960
19890068107	Effect of hardness and other mechanical properties on rolling-contact fatigue life of four high-temperature bearing steels	1960
19890068108	Exploratory investigation of several coated and uncoated metal, refractory, and graphite models in a 3800 F stagnation temperature air jet	1960
19890068114	Experimental investigation of aspect-ratio-1 supercavitating hydrofoils at speeds up to 185 feet per second	1960
19890068115	Gas dynamics of an inflated sphere striking a surface	1960
19890068116	Investigation of effects of roughness, surface cooling and shock impingement on boundary-layer transition on a two-dimensional wing	1960
19890068118	Study of effect of a non-Newtonian oil on friction and eccentricity ratio of a plain journal bearing	1960
19890068121	Investigation of the buckling strength of corrugated webs in shear	1960
19890068123	Effects of flight simulator motion on pilots' performance of tracking tasks	1960
19890068124	In-flight measurement of the time required for a pilot to respond to an aircraft disturbance	1960
19890068133	Heat transfer to cylinders in crossflow in hypersonic rarefied gas streams	1960
19890068144	Theoretical Determination of Water Loads on Pitching Hulls and Shock-mounted Hydro-skis	1960
19890068196	Aerodynamic damping at Mach numbers of 1.3 and 1.6 of a control surface on a two-dimensional wing by the free-oscillation method	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19890068201	Effect of localized mass transfer near the stagnation region of blunt bodies in hypersonic flight	1960
19890068202	A method for calculating the aerodynamic forces due to arbitrary, time-dependent downwash for a class of thin, flexible wings at supersonic speeds	1960
19890068206	Effects of a lower surface jet on the lift-drag ratio of a 45 degree sweptback wing at a Mach number of 2.01	1960
19890068207	An experimental investigation at a Mach number of 4.95 of flow in the vicinity of a 90 degree interior corner aligned with the free-stream velocity	1960
19890068211	The effects of thrust reversal at Mach numbers up to 0.86 on the longitudinal and buffeting characteristics of a typical jet-transport airplane configuration	1960
19890068216	A flying-qualities study of a small ram-jet helicopter	1960
19890068218	Force-test investigation of the stability and control characteristics of a 1/8-scale model of a tilt-wing Vertical-Take-Off-and-Landing (VTOL) airplane	1960
19890068221	Flutter investigation of a true-speed dynamic model with various tip-tank configurations	1960
19890068230	Experimental study of zero-flow ejectors using gaseous nitrogen	1960
19890068238	Application of rate-temperature parameters to tensile data for magnesium alloys and a relation between the Larson-Miller constant and the activation energy	1960
19890068243	Principles of design of dynamically similar models for large propellant tanks	1960
19890068255	Hydrodynamic characteristics of a planning surface with convex longitudinal curvature and an angle of dead rise of 20 deg	1960
19890068315	A radar test target system	1960
19890068346	Ground effect for lifting rotors in forward flight	1960
19890068347	Pressure distributions and aerodynamic characteristics of several spoiler controls on a 40 degree sweptback wing at a Mach number of 1.61	1960
19890068348	Investigation of the low-subsonic flight characteristics of a model of an all-wing hypersonic boost-glide configuration having very high sweep	1960
19890068353	Determination of nonlinear pitching-moment characteristics of axially symmetric models from free-flight data	1960
19890068354	The rolling moment due to sideslip of swept wings at subsonic and transonic speeds	1960
19890068355	Flight measurements of the effects of blade out of track on the vibration levels on a tandem rotor helicopter	1960
19890068357	Range of interface thermal conductance for aircraft joints	1960
19890068360	Experimental determination of the temperature and dynamic-strain environment of a tubular combustor liner in a turbojet engine	1960
19890068361	Effects of melting practice and aluminum coating on the life of GMR 235 buckets operated at 1650 F in a turbojet engine	1960
19890068362	Power spectral analysis of some airplane response quantities obtained during operational training missions of a fighter airplane	1960
19890068365	Interim definitive orbit for the satellite 1958-Gamma, Explorer-3	1960
19890068367	A study of methods for simulating the atmosphere entry of vehicles with small-scale models	1960
19890068370	Experimental investigation in an altitude test facility of burning of excess combustibles in a rocket engine exhaust	1960
19890068371	Satellite and space propulsion system	1960
19890068372	Photomicrographic tracking of ethanol drops in a rocket chamber burning ethanol and liquid oxygen	1960
19890068380	Investigation of third-order contactor control systems with two complex poles without zeros	1960
19890068381	Suitability of carbon resistors for field measurements of temperatures in the range of 35 deg to 100 deg R	1960
19890068384	Correlation formulas and tables of density and some transport properties of equilibrium dissociating air for use in solutions of the boundary-layer equations	1960
19890068386	Hydrodynamic impact-loads investigation of chine-immersed 0 degree dead-rise configurations having longitudinal curvature with an appended bibliography of Langley impact basin hydrodynamic publications	1960
19890068387	Experimental results of a heat-transfer study from a full-scale pebble-bed heater	1960
19890068388	An integral method for natural-convection flows at high and low Prandtl numbers	1960
19890068389	Variation in heat transfer during transient heating of a hemisphere at a Mach number of 2	1960
19890068392	Combinations of shear, compressive thermal and compressive load stresses for the onset of permanent buckles in plates	1960
19890068393	Analysis of frame-reinforced cylindrical shells. Part 3: Applications	1960
19890068395	A restraint system enabling pilot control under moderately high acceleration in a varied acceleration field	1960
19890068396	Flight investigation of pilot's ability to control an airplane having positive and negative static longitudinal stability coupled with various effective lift-curve slopes	1960
19890068397	Simulator motion effects on a pilot's ability to perform a precise longitudinal flying task	1960
19890068428	A study of equilibrium real-gas effects in hypersonic air nozzles, including charts of thermodynamic properties for equilibrium air	1960
19890068429	A note on the mean value of induced velocity for a helicopter rotor	1960
19890068430	Lift generation on a circular cylinder by tangential blowing from surface slots	1960
19890068431	Effect of aerodynamic heating on the flutter of a rectangular wing at a Mach number of 2	1960
19890068436	Dynamic model investigation of a landing-gear configuration consisting of a single main skid and a nose wheel	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19890068437	A flight investigation of an acceleration restrictor	1960
19890068438	Tables and charts for estimating stall effects on lifting-rotor characteristics	1960
19890068439	Compressibility effects on the hovering performance of a two-blade 10-foot-diameter helicopter rotor operating at tip Mach numbers up to 0.98	1960
19890068440	Effects of jet billowing on stability of missile-type bodies at Mach 3.85	1960
19890068441	Effects of transient heating on the vibration frequencies of a prototype of the X-15 wing	1960
19890068442	Helicopter-engine acceleration-time requirements based on pilot demand during recovery from landing flareouts	1960
19890068443	Theoretical analysis of the longitudinal behavior of an automatically controlled supersonic interceptor during the attack phase against maneuvering and nonmaneuvering targets	1960
19890068447	An experimental investigation to determine the effect of speed-brake position on the longitudinal stability and trim of a swept-wing fighter airplane	1960
19890068448	On the design of a high-gain saturating control system for use as an adaptive autopilot	1960
19890068455	Uranium dioxide compatibility with refractory metals, carbides, borides, nitrides, and oxides between 3500 degrees and 5000 degrees F	1960
19890068460	Continued study of advanced-temperature nickel-base alloys to investigate vanadium additives	1960
19890068462	Rolling-contact fatigue life of a crystallized glass ceramic	1960
19890068471	Force investigation of three surface-piercing supercavitating hydrofoils with 45 degrees negative dihedral	1960
19890068477	Experimental investigation of spin-up friction coefficients on concrete and nonskid carrier-deck surfaces	1960
19890068479	Bending and compression tests of pressurized ring-stiffened cylinders	1960
19890068482	Analysis of frame-reinforced cylindrical shells. Part 1: Basic theory	1960
19890068504	Temperature and composition of a plasma obtained by seeding a cyanogen-oxygen flame with cesium	1960
19890068519	Experimental investigation of mixing of mach number 3.95 stream in presence of wall	1960
19890068520	Effect of streamline contouring in the wing-fuselage juncture in combination with the supersonic area rule on a sweptback-wing-fuselage configuration of high fineness ratio	1960
19890068529	Vertical-tail loads measured in flight on four airplane configurations at transonic and supersonic speeds	1960
19890068530	Experimental investigation of the effect of aspect ratio and mach number on the flutter of cantilever wings	1960
19890068532	Important research problems in advanced flight structures design: 1960	1960
19890068533	Investigation of tandem-wheel and air-jet arrangements for improving braking friction on wet surfaces	1960
19890068535	Statistical data on control motions and airplane response of a Republic F-84F airplane during operational training missions	1960
19890068536	Effect of a variable-geometry diffuser on the operating characteristics of a helium tunnel designed for a mach number in excess of 20	1960
19890068540	Requirements of trajectory corrective impulses during the approach phase of an interplanetary mission	1960
19890068543	Telemetry code and calibrations for Satellite 1959 Iota (Explorer 7)	1960
19890068544	The variation and control of range traveled in the atmosphere by a high-drag variable-lift entry vehicle	1960
19890068545	Longitudinal range control during the atmospheric phase of a manned satellite reentry	1960
19890068546	An analysis of nose ablation for ballistic vehicles	1960
19890068547	Determination of the internal temperature in satellite 1959 Alpha (Vanguard 2)	1960
19890068548	Comparison of localized heat-transfer rates in a liquid-oxygen-heptane rocket engine employing several injection methods and oxidant-fuel ratios	1960
19890068558	Propellant vaporization as a criterion for rocket-engine design: Experimental effect of combustor length, throat diameter, injection velocity, and pressure on rocket combustor efficiency	1960
19890068559	Effect of transverse acoustic oscillations on the vaporization of a liquid-fuel droplet	1960
19890068570	A simplified study on the nonequilibrium couette and boundary-layer flows with air injection	1960
19890068571	Shock-wave structure based on Ikenberry-Truesdell approach to kinetic theory of gases	1960
19890068573	Investigation of the flow in a rectangular cavity in a flat plate at a mach number of 3.55	1960
19890068582	Natural frequencies in bending of twisted rotating and nonrotating blades	1960
19890068583	Analysis of frame-reinforced cylindrical shells. Part 2: Discontinuities of circumferential-bending stiffness in the axial direction	1960
19890068584	Creep bending and buckling of thin circular cylindrical shells	1960
19890068595	Summary of Rawinsonde measurements of temperatures, pressure heights, and winds above 50,000 feet along a flight-test range in the southwestern United States	1960
19890068601	Fixed-base simulation study of a pilot's ability to control a winged-satellite vehicle during high-drag variable-lift entries	1960
19890068619	Measurement of aerodynamics heat transfer to a deflected trailing-edge flap on a delta fin in free flight at Mach numbers from 1.5 to 2.6	1960
19890068620	Investigation of the aerodynamic characteristics of a combination jet-flap and deflected-slipstream configuration at zero and low forward speeds	1960
19890068621	Free-flight measurements of the zero-lift drag of several wings at Mach numbers from 1.4 to 3.8	1960
19890068623	A summary of operating conditions experienced by two helicopters in a commercial and a military operation	1960
19890068624	High-tip-speed static-thrust tests of a rotor having NACA 63(sub 215)A018 airfoil sections with and without vortex generators installed	1960
19890068625	Free-flight investigation at Mach numbers between 0.5 and 1.7 of the zero-lift rolling effectiveness and drag of various surface, spoiler, and jet controls on an 80 degree delta-wing missile	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19890068627	Analysis of low-acceleration lifting entry from escape speed	1960
19890068631	Investigation of Minimum Corona Type Currents for Ignition of Aircraft Fuel Vapors	1960
19890068637	Investigation of the natural frequencies of fluids in spherical and cylindrical tanks	1960
19890068640	The dependency of penetration on the momentum per unit area of the impacting projectile and the resistance of materials to penetration	1960
19890068641	Some experiments concerning subsequent yield surfaces in plasticity	1960
19890068710	Free fall and evaporation of JP-1 jet fuel droplets in a quiet atmosphere	1960
19890068764	Free-flight measurements of the transonic drag characteristics of low-fineness-ratio cylinders including stabilizing plates and flares and varying nose bluntness	1960
19890068765	An investigation of induced-pressure phenomena on axially symmetric, flow-aligned, cylindrical models equipped with different nose shapes at free-stream Mach numbers from 15.6 to 21 in helium	1960
19890068771	A manual frequency sweep technique for the measurement of airplane frequency response	1960
19890068787	Tension, compression, and fatigue properties of several SAE 52100 and tool steels used for ball bearings	1960
19890068788	Effects of various aging heat treatments and solution-annealing and aging heat treatments on tensile, creep and stress-rupture strengths of Inconel X sheet to temperatures of 1400 F	1960
19890068816	Preliminary experimental investigation of effect of free-stream turbulence on turbulent boundary-layer growth	1960
19890068928	Flight investigation of stability and control characteristics of a 1/8-scale model of a tilt-wing Vertical-Take-Off-and-Landing (VTOL) airplane	1960
19900067328	The appearance of a rapidly moving object	1960
19900067353	Neutrino theory of stellar collapse in type 2 supernova	1960
19900069005	Space booster applications of air-breathing engines	1960
19910072623	The origin of the tektites	1960
19910072837	Managing major new technologies	1960
19910077342	An experimental investigation of the reduction of aerodynamic heating to a 15 deg and 20 deg blunted cone at M infinity = 6 and 8	1960
19970022151	An Experiment for Determining the Stability of Surface Coatings in Space Flight	1960
19970030295	Effects of Nonequilibrium Flows on Aerodynamic Heating During Entry into the Earths Atmosphere from Parabolic Orbits	1960
19980223073	Predicted Behavior of Rapidly Heated Metals in Compression	1960
19980223074	Trajectories with Constant Tangential Thrust in Central Gravitational Fields	1960
19980223606	A Study of the Simulation of Flow with Free-Stream Mach Number 1 in a Choked Wind Tunnel	1960
19980223607	The Lateral Response of Airplanes to Random Atmospheric Turbulence	1960
19980223608	Analytical Study of Soft Landings on Gas-Filled Bags	1960
19980223612	Status of Spin Research for Recent Airplane Designs	1960
19980223627	Similarity of Far Noise Fields of Jets	1960
19980227202	Mechanical Properties of Pneumatic Tires with Special Reference to Modern Aircraft Tires	1960
19980227318	A Study of the Asymmetric Transonic Flow Past a Sharp Leading Edge	1960
19980227332	An Evaluation of Effects of Flexibility on Wing Strains in Rough Air for a Large Swept-Wing Airplane by Means of Experimentally Determined Frequency-Response Functions with an Assessment of Random-Process Techniques Employed	1960
19980227352	A Method of Solution with Tabulated Results for the Attached Oblique Shock-Wave System for Surfaces at Various Angles of Attack, Sweep, and Dihedral in an Equilibrium Real Gas Including the Atmosphere	1960
19980227861	Calculated Responses of a Large Sweptwing Airplane to Continuous Turbulence with Flight-Test Comparisons	1960
19980227862	Stall Propagation in a Cascade of Airfoils	1960
19980227989	Determination of Lateral Stability Characteristics from Free-Flight Model Tests, with Experimental Results on the Effects of Wing Vertical Position and Dihedral at Transonic Speeds	1960
19980228003	Some Results of the Measurement of the Spectrum Mass of Positive Ions by the 3rd Artificial Earth Satellite	1960
19980228126	The Autoionization Effect and its Influence on the Intensity of Certain Star Spectra Lines	1960
19980228152	International Geophysical Year Bibliography of Literature in the Russian Language for 1958	1960
19980228283	Experimental Electronic Equipment for Medical Telemetry	1960
19980228346	Aerodynamic Characteristics of a Model of a Proposed Six-Engine Hull-Type Seaplane at Mach Numbers of 1.57, 1.87, and 2.16	1960
19980228447	Jet-Boundary Corrections for Lifting Rotors Centered in Rectangular Wind Tunnels	1960
19980228465	An Approximation Method for the Integration of the Equations of a Nonstationary Laminar Boundary Layer in an Incompressible Fluid	1960
19980230608	The Complex Conductivity of Plasma of an Arc Discharge Supported by a Direct Current	1960
19980230609	Boundary-Layer Equations and Their Boundary Conditions In The Case of Motion at Supersonic Velocities in a Moderately Rarefied Gas	1960
19980230614	Wind-Tunnel Study of the Response in Lift of a Rotor to an Increase in Collective Pitch in the Case of Vertical Flight Near the Autorotative Regime	1960
19980230616	On Reissner's Theory of the Bending of Plates	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19980230617	On the Relation Between the Generation of a Lift Force on a Wing and the Character of the Flow in the Boundary Layer	1960
19980230625	Effect of Slight Blunting of Leading Edge of an Immersed Body on the Flow Around it at Hypersonic Speeds	1960
19980230626	Present-Day Ideas Concerning the Mechanism of Electrical Breakdown in High Vacuum	1960
19980230627	A Vibration Absorber for Two-Bladed Helicopters	1960
19980230628	Relativistic Rocket Mechanics	1960
19980230631	The Attainability of Heavenly Bodies	1960
19980230632	Small Oscillations of Thin Resilient Conical Shells	1960
19980231026	Discovery of Electrons with an Energy of About 10 Kev in the Upper Atmosphere with the Aid of the Third Earth Satellite	1960
19980231027	On the Computation of the Circulation of a Gliding Wing of Large Span	1960
19980231028	Some Problems in Flanging and Beading Membranes	1960
19980231029	Theory of the Motion of a Body With Cavities Partly Filled with a Liquid	1960
19980231051	The Theory of Momentless Shells of Revolution	1960
19980231086	Lubricating Oils for Aviation Gas Turbines	1960
19980232222	Factors that Affect Operational Reliability of Turbojet Engines	1960
19980232667	International Geophysical Year Information Bulletin	1960
19980236455	Theoretical Investigation of the Subsonic and Supersonic Flutter Characteristics of a Swept Wing Employing a Tuned Sting Mass Flutter Suppressor	1960
19980236887	Experimental Determination of the Pressure Distribution on a Rectangular Wing Oscillating in the First Bending Mode for Mach Numbers from 0.24 to 1.30	1960
19980237067	Surface Disturbances in Magneto hydrodynamics	1960
19980237068	Drifts and Irregularities in the Ionosphere	1960
19980237069	Bulletin of Stations for Optical Observations of Artificial Earth Satellites	1960
19980237097	Temperature Flexure of Elastic Elements	1960
19990008068	Concerning a Method for the Measurement of Very High Temperatures in Nearly Transparent Arc Columns	1960
19990008070	An Experimental Determination of the Absolute Oscillator Strengths of the Lines of Two N II Supermultiplets	1960
20000021162	Damage Incurred on a Tilt-Wing Multipropeller VTOL/STOL Aircraft Operating Over a Level, Gravel-Covered Surface	1960
20000021165	Aerodynamic Characteristics of a 1/4-Scale Model of A Tilt-Wing VTOL Aircraft at High Angles of Wing Incidence	1960
20000112968	NASA Conference on Thermal Radiation Problems in Space Technology: A Compilation of Summaries of the Papers Presented	1960
20020025679	The Influence of Impurity Elements, Structure, and Prestrain on the Tensile Transition Temperature	1960
20020033781	Propulsion Gear Materials: Investigation of Metallic Materials for Operation in Sea Water	1960
20020039393	Investigation of Nozzle-Failure Mechanisms in Solid-Propellant Rockets	1960
20040004281	Interlevel and Intralevel Correlations of Wind Components for Six Geographical Locations	1960
20040005911	Effect of Nozzle Convergence Length on Performance of a Heptane-Oxygen Combustor	1960
20040006317	Analytical Study of Creep Deflection of Structural Beams	1960
20040006324	Characteristic Orbital Variables and Their Time Rates in Unperturbed Elliptic Orbits	1960
20040006338	Fatigue Damage under Varying Stress Amplitudes	1960
20040006350	Proceedings of Conference on Radiation Problems in Manned Space Flight	1960
20040006379	Experimental Investigation of Creep Deflection of Extruded and Riveted I-Beam	1960
20040006446	An Exploratory Study of a Parawing as a High-Lift Device for Aircraft	1960
20040006470	An Experimental Determination of the Dynamic Response of a Long Hydraulic Line	1960
20040008068	Extension of Boundary-Layer-Separation Criteria to a Mach Number of 6.5 by Utilizing Flat Plates with Forward-Facing Steps	1960
20040008086	Satellite Attitude Control using a Combination of Inertia Wheels and a Bar Magnet	1960
20040008093	Experimental Investigation of Some of the Parameters Related to the Stability and Control of Aerial Vehicles Supported by Ducted Fans	1960
20040008125	Direct Measurements of Ion Density and Conductivity in the D-Region	1960
20040008171	Analysis of Magnetic Triodes for Direct-Energy Conversion having Flat-Plate Cathodes and Anodes at an Arbitrary Angle	1960
20040008174	Gyroscopic Motion of an Unsymmetrical Satellite under no External Forces	1960
20040016421	Idealized Wind Profiles Applicable for the Study of Vehicle Performance between 60 km and 80 km Altitude Cape Canaveral (Atlantic Missile Range), Florida	1960
20040016423	Hovering Measurements for Twin-Rotor Configurations with and Without Overlap	1960
20040016424	Propagation of Free Flames in Laminar-and Turbulent-Flow Fields	1960
20040016429	Response of a Light Airplane to Roughness of Unpaved Runways	1960
20040020121	Reevaluation of Ionospheric Electron Densities and Collision Frequencies Derived from Rocket Measurements of Refractive Index and Attenuation	1960
20040020122	Some Dynamical Properties of the Natural and Artificial Satellites	1960
20040020123	A Thermistor Pressure Gauge	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20040027956	A Study of the Feasibility of Inflatable Reentry Gliders	1960
20040030504	An Analysis of the Corridor and Guidance Requirements for Supercircular Entry into Planetary Atmospheres	1960
20040046996	The Effect of Catalyst-Bed Arrangement on Thrust Buildup and Decay Time for a 90 Percent Hydrogen Peroxide Control Rocket	1960
20040047038	Theory of the Fluid Oscillations in a Circular Cylindrical Ring Tank Partially Filled with Liquid	1960
20040047040	Shock-Wave Laminar-Boundary-Layer Interaction on a Convex Wall	1960
20040047046	Prandtl Number, Thermal Conductivity, and Viscosity of Air-Helium Mixtures	1960
20040047142	Investigation of the Static Longitudinal Stability Characteristics of a 0.067-Scale Model of a Four-Stage Configuration of the Scout Research Vehicle at Mach Numbers of 2.29, 2.96, 3.96, and 4.65	1960
20040047147	Fatigue Investigation of Full-Scale Transport-Airplane Wings Tests with Constant-Amplitude and Variable-Amplitude Loading Schedules	1960
20040074222	Major Activities in the NASA Programs	1960
20040076921	NASA-Industry Program Plans Conference	1960
20040076922	Introductory Remarks	1960
20040076923	Space Propulsion and Power Generation	1960
20040076924	Space Flight Operations	1960
20040076925	The NASA Current Launch Vehicle Program	1960
20040076926	NASA's Procurement System	1960
20040076927	The Saturn Space Vehicle Program	1960
20040076928	Chemical and Electrical Propulsion	1960
20040076929	Nuclear Energy for Advanced Space Missions	1960
20040076930	Introduction to the Space Flight Programs	1960
20040076931	Space Science Experiments With Sounding Rockets and Satellites	1960
20040076932	Exploration of the Moon, Planets, and Interplanetary Space	1960
20040076933	Satellite Applications	1960
20040076934	Manned Space Flight	1960
20040076935	Solar and Chemical Power Generation Systems	1960
20040076936	Life Science Programs	1960
20040076937	NASA Patent Policy and Procedure	1960
20040076938	NASA Mission and Long-Range Plan	1960
20040076939	Research Plans and Programs	1960
20040076940	Research Problems in Aerodynamics and Flight Mechanics	1960
20040076941	Structures and Materials Research Programs	1960
20040076942	Introduction to Launch Vehicle Programs	1960
20040076943	Legal Framework of NASA's Procurement Program	1960
20040082399	Introduction to Project Mercury and Site Handbook	1960
20050192266	Unofficial Notes: ABMA/JPL Coordination Meeting	1960
20050194733	Development and Status Report Guidance and Control Division Pershing Project Office	1960
20050196722	Structural Behavior of Pressurized, Ring-Stiffened, Thin-Wall Cylinders Subjected to Axial Compression	1960
20060028378	Tungsten Sheet Rolling Program	1960
20060056399	Theoretical Investigation of the Subsonic and supersonic Flutter Characteristics of a Swept Wing Employing a Tuned Sting-Mass Flutter Suppressor	1960
20070001541	An Analytical Method for Studying the Lateral Motion of Atmosphere Entry Vehicles	1960
20070015883	Percutaneous Toxicology of Hydrocyanic Acid	1960
20080020482	Derivation and Tabulation of Molecular Integrals. Supplement II - Tables for Two-Center Two-Electron Coulomb Integrals	1960
20080040796	Investigation of 1/8-Size Dynamic-Aeroelastic Model of the Lockheed Electra Airplane in the Langley Transonic Dynamics Tunnel	1960
20080047365	Aerodynamic Characteristics of a Spoiler-Slot-Deflector Control on a 45 deg Sweptback-Wing-Fuselage Model at High Subsonic Speeds	1960
20090006829	Oscillatory Phenomena in Empirical Data Resulting from the Smoothing of Random Noise	1960
20090014112	Mercury Booster Capsule Noise and Vibration Test - Tests No.335 through 338	1960
20090014743	Trace Element Relationships and Terrestrial Origin of Tektites	1960
20100035769	Meteorological Radar Echo Study	1960
20100036275	NASA Planetary-Interplanetary Information Manual	1960
20100036695	Preliminary Aeroballistics Evaluation of Jupiter Test Flight AM-19D (U)	1960
20100038824	Model Specification for Project Centaur Ground Support Equipment	1960
20100040411	Preliminary System Analysis and Integration Report, and Preliminary System Description of the DYNA Soar Step I	1960
20100042143	The Future of Ground Support Equipment in the Space Age	1960
20100042165	Image Converter Tubes-Manufacturer's Data	1960
20110001640	Centaur Flight Test Program Requirements	1960
20110007930	Project Mercury	1960
20110022622	Feasibility Study of a High Mass-Ratio Rocket Motor	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20110024237	F-1 Engine System, Monthly Progress Letter	1960
20110024262	Theoretical and Experimental Investigation of Higher Order Nonlinear Control Systems, Including Investigation of "Quasi Optium" Control Systems	1960
20120001387	Evaluation of Telemetry Records Received from Explorer VI and Pioneer V	1960
20130010109	Design Study Requirements for a Lunar Soft Landing Spacecraft	1960
20130014092	Vega Project Second Stage Propulsion	1960
20130014103	Project Mercury Mission Directive for Little Joe No. 5 (Capsule No. 3)	1960
20130014499	Project Mercury Maintenance Manual	1960
20130014652	Project Mercury	1960
20130014708	VEGA Project Second Stage Propulsion PFRT Report	1960
20140000050	Project Mercury	1960
20140000051	Project Mercury	1960
20140000053	Project Mercury	1960
20140000191	Project Mercury	1960
20140000192	Project Mercury	1960
20140000196	Research on a Hypervelocity Neutral Beam Generator	1960
20140000212	Handling Qualities Criteria for V/STOL Aircraft	1960
20140000262	Thermal Energy Storage Research and Development Program	1960
20140000265	An Instrument to Measure the Solar Constant from a Satellite	1960
20140000267	Preparation and Properties of Some Trialkylboranes	1960
20140000268	Convection Currents in the Earth's Mantle	1960
20140000269	Non-Terrestrial Origin of the Textiles	1960
20140000272	Geometric Broadening of Stellar Spectral Lines	1960
20140000278	Molecular Beam Electric Resonance Method with Separated Oscillating Fields	1960
20140000289	Noise Characteristics of Helicopter Rotors at Tip Speeds up to 900 Feet Per Second	1960
20140004956	Gaseous Nitrogen Used to Observe Aerodynamic Flow	1960
20140005380	Character Indicating Display Device	1960
20150011849	Ascent Trajectories, Trajectory Constraints, and Method of Trajectory Optimization for the NASA Lunar Missions, Flights RA-1 and RA-2	1960
20150012580	Pretest Report for Off-the-Pad Escape System Qualification Test: Project Mercury	1960
20150012780	Flight Test Vehicle Safety Proposal Delta Program Atlantic Missile Range	1960
20150012781	Project Mercury Capsules: Touchdown Control Maneuvering in Orbit with Self Contained Guidance	1960
20150012795	Project Mercury - Flight Test Report for Mercury-Atlas Mission Number 1	1960
20150012804	[Thrust Chamber for the First HEP Engine]	1960
20150012807	Project Mercury Status Report Number 6	1960
20150012808	Project Mercury Status Report Number 7	1960
20150012859	Mercury-Atlas Buffeting Loads at Transonic and Low Supersonic Speeds	1960
20150012975	Delta Monthly Administrative Progress Report	1960
20150013130	Industry Conference Conducted by The Goddard Space Flight Center	1960
20150013458	Project Mercury - A Summary of Wind-Tunnel Heat-Transfer Measurements on the Afterbody of the Project Mercury Capsule Reentry Configuration	1960
20150013575	NASA-Spaceconn Operations Plan 7-60 Tiros II (S-38) Satellite	1960
20150013780	Crew Support Equipment	1960
20150013782	Firing Site Weight Report	1960
20150013788	Selected Atmospheric Observations for 101 Consecutive Flight Tests of the Redstone, Jupiter and Pershing Missiles	1960
20150013791	Catalytic Surface Recombination of Atomic Oxygen	1960
20150013792	Summary of Rocketsonde Measured High Altitude Winds	1960
20150013793	Saturn Guidance System Development and Funding Plan	1960
20150013797	Saturn Launch Vehicle Reliability Study Volume II - Component Malfunction Analysis	1960
20150013798	Third H-1 Engine Program Report: Engine and Component Design and Development Progress	1960
20150013799	Orbital Capabilities of a Jupiter - Modified Agena "B" Space Vehicle	1960
20150013804	Integral Coatings for Solar Cells	1960
20150013837	Consolidated Instrumentation Plan Part IIa of the Firing Test Report Juno II AM-19D	1960
20150013853	A Reliability Review of the Scout Vehicle	1960
20150013858	Basic Concepts for the Optimum Transmission and Detection of Signals When the Interference Is Random Noise	1960
20150013864	Reliability of Particle Counts Obtained in Accordance with ARP 598	1960
20150014009	Heat Transfer from Transverse and Yawed Cylinders in Continuum, Slip, and Free Molecule Air Flows	1960
20150014103	Project Mercury Flight Test Report for Little Joe Mission Number 5	1960
20150014104	Dispersion Study of Separation Distance After Apogee for Mercury-Redstone Preliminary 11g Type Trajectory	1960
20150014105	Project Mercury - A Qualitative Description of the Mercury-Atlas Guidance Equations	1960
20150014107	Information for Use in Landing Area Prediction for Mercury-Atlas Mission MA-1 (50D)	1960
20150014112	Mission Directive for Mercury-Redstone Mission Number 2 (Capsule Number 5)	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150014114	Echo I 900 Nautical Mile Circular Orbit Error Analysis Model DM-19	1960
20150014159	F-1 Engine System	1960
20150014162	Project Mercury Status Report No. 8	1960
20150014431	Launch Area Servicing of a Flourine/Hydrogen Upper Stage	1960
20150014438	Rocket Observations of High Electron-Density Gradients in the Ionosphere	1960
20150014555	The Influence of Crystal Orientation on the Oxidation of Metals	1960
20150014556	Research Directed Towards the Study of Transducing Meteoric Impacts	1960
20150014557	Fuel Cells: Introduction	1960
20150014558	Stability of Plasmas in the Presence of Conducting Walls	1960
20150015132	Magnetism and Magnetic Properties: Theory of Magnetism, Magnetic Properties of Materials and Use of Magnetic Materials in Instrumentation	1960
20150015137	Aeronautics and Astronautics: An American Chronology of Science and Technology in the Exploration of Space, 1915-1960, Volume One Chronology - Comment Edition	1960
20150015149	Analysis of Twin-Gyro Attitude Controller	1960
20150015421	Agema Configuration Briefing Charts	1960
20150015478	Research and Development on Instrumentation for Atlas-Able V	1960
20150015481	Design and Construction of a Lunar Seismograph	1960
20150015483	JUNO II Program Outline	1960
20150015541	Dyna Soar (Step I) Program - GFE Plan (Outplant Facilities)	1960
20150015666	Laboratory for Nuclear Science	1960
20150015685	Research, Design, and Construction of a Missile-Borne Radiometer	1960
20150015706	Instrumentation Feasibility Study of a Recovery Control Center for Manned Hypersonic Vehicles	1960
20150015708	Army Research Task Summary 1960 Volume 6	1960
20150015711	Army Research Task Summary Fiscal Year 1960	1960
20150015741	Hypersonic Flow over Cones	1960
20150015881	Terminal Phase of Soft Lunar Landing (Data Sheets)	1960
20150015901	Electrical Power and Lighting Systems Checkout Procedures (Capsule 8)	1960
20150015922	Informal Status Report on Surveyor Study	1960
20150015927	Physical and Chemical Phenomena Near Surfaces Irradiated by a High Thermal Flux	1960
20150015937	Project Description Advanced Antenna System for the Deep Space Instrumentation Facility Engineering Planning Document Number 5, Revision 1	1960
20150015938	Advanced Antenna System for the Deep Space Instrumentation Facility - Engineering Planning Document Number 5	1960
20150016041	Air Density-Drag Measurements Satellite (S-56)	1960
20150016043	Joint NASA-DOD Space Sciences Program Document	1960
20150016047	Instrumentation System Checkout Procedures Capsule Number 2	1960
20150016048	Resume of Compressor Research at the NACA Langley Laboratory	1960
20150016050	Design, Development and Fabrication of NASA Solar Beam Experiment Payload Package	1960
20150016059	On Superelastic Collisions of Electrons with Metastable Atoms	1960
20150016060	Energetic Particles in the Environment of the Earth (With Emphasis on Their Implications to Space Flight)	1960
20150016109	Special Satellite Orbits, 1. Equatorial Orbits, 2. Polar Orbits	1960
20150016223	Flight Mechanics of Re-Entry After Circumlunar Flight by Means of Various Lifting Techniques	1960
20150016282	Reaction Control system Checkout Procedures Capsule 7	1960
20150016284	X-1 Day Servicing (Capsule No. 8)	1960
20150016287	Sequence System, Launch Through Retrograde or Abort Checkout Procedures (Capsule 8)	1960
20150016289	A Lunar and Planetary Echo Theory	1960
20150016290	Quantum Mechanical Calculations of Short-Range Intermolecular Forces	1960
20150016291	Potential Energy Curves for Lithium Hydride	1960
20150016293	The Determination of Ionospheric Electron Content and Distribution from Satellite Observations	1960
20150016296	X-1 Day Servicing (Capsule 7)	1960
20150016452	Reaction Control System Checkout Procedures Capsule 8	1960
20150016454	Receiving Inspection for Capsule, Pylon and Adapter (Capsule 8)	1960
20150016455	Reaction Control System Checkout Procedures (Capsule 6)	1960
20150016457	Reaction Control System Checkout Procedures (Capsule 2)	1960
20150016458	Communication System Checkout Procedures (Capsule 9)	1960
20150016459	Pre-Installation Acceptance Tests for Navigational Aids and Instrument System Components	1960
20150016461	Reaction Control System Checkout Procedures Capsule 5	1960
20150016462	Reaction Control System Checkout Procedures (Project Mercury)	1960
20150016464	Instrumentation System Checkout Procedures Capsule Number 7	1960
20150016466	Experimental Investigation of Heat-Transfer Characteristics of Liquid Nitrogen Tetroxide	1960
20150016583	Tiros I Guidance System Response Using a Digital Three-Dimensional Missile Simulation	1960
20150016585	Tiros I Guidance Equations	1960
20150016595	Parameter Sensitivity and Guidance Viewpoints for Circum-Lunar Flight and Return	1960
20150016596	The Effect of Propellant Oscillations on the Stability of a Rigid Space Vehicle	1960
20150016624	Command Receiver for Gamma Ray Satellite (S-15)	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150016627	Some Considerations of the Problems in Orbital Rendezvous	1960
20150016628	Research on Solar Ultraviolet Radiation	1960
20150016630	Research on Liquid Dynamics in Missile Fuel Tanks	1960
20150016631	Pioneer V Communications Terminated	1960
20150016634	Determination of the Physical Properties of Liquid Ozone-Fluorine Mixtures	1960
20150016637	A Preliminary Investigation of Techniques and Instrumentation for Measurement of the Ultraviolet Solar Emission Spectrum	1960
20150016642	Reaction Control System Checkout Procedures (Capsule 9)	1960
20150016677	Transient Ablation and Heat-Conduction Phenomena at a Vaporizing Surface	1960
20150016740	The Study of Ionization Phenomena by High Velocity Molecular Beams	1960
20150016882	Studies of the Physical Properties of the Moon and Planets	1960
20150016886	Receiving Inspection for Capsule, Pylon and Adapter (Capsule 14)	1960
20150016887	Pyrotechnic Mechanical Buildup Test and Arming (Atlas-Redstone Gantry) (Capsule 8)	1960
20150016888	Resume of Transonic-Compressor Research at NACA Lewis Laboratory	1960
20150016889	Pilot Reaction to High-Speed Rotation	1960
20150016891	Satellite Astronomical Telescopes	1960
20150016892	Mixture Ratio Distribution in the Drops of Spray Produced by Impinging Liquid Streams	1960
20150016893	Estimate of Chemical Space Heating Rates in Gas-Phase Combustion with Application to Rocket Propellants	1960
20150016894	Three-Dimensional Boundary Layer Equations of an Ionized Gas in the Presence of a Strong Magnetic Field	1960
20150016896	Ability of Pilots to Perform a Control Task in Various Sustained Acceleration Fields	1960
20150016897	Correlation of Heat-Transfer and Pressure Measurements on Blunted Cone-Cylinder Configurations to Mach 8.5	1960
20150016901	Empirical Correlation of Maximum Load Data from Published Brittle and Ductile Fracture Tests of Centrally Slotted and Centrally Loaded Plates and Sheets	1960
20150016912	Determination of Emissivity Materials	1960
20150016913	Monthly Progress Report for October, 1960, on the Determination of Emissivity of Materials	1960
20150016914	Monthly Progress Report for August, 1960, on the Determination of Emissivity of Materials	1960
20150016915	Determination of Emissivity of Materials	1960
20150016916	Monthly Progress Report for May, 1960 on the Determination of Emissivity of Materials	1960
20150016917	Determination of Emissivity of Materials	1960
20150016918	Determination of Emissivity of Materials	1960
20150017086	Sequence System Launch Through Landing and Abort Checkout Procedures Capsule 7	1960
20150017446	A Comparison of Boundary-Layer Transition Data Obtained in Free Flight with Data from Laboratory Sources	1960
20150017447	The Human Requirements of the Manned Interplanetary Vehicle	1960
20150017448	Radio Astronomy Experiments from Satellites and Rockets	1960
20150017449	The Dynamics of Large Rotating Membrane-Like Structures	1960
20150017450	Flow About an Unsteadily Rotating Disc	1960
20150017451	Sharp-Notch Behavior of Some High-Strength Sheet Aluminum Alloys and Welded Joints at 75, -320, and -423 F	1960
20150017452	A New Series of Nickel-Base Alloys for Advanced-Temperature Applications	1960
20150017454	Measurements of Heat Transfer and Friction Coefficients for Helium Flowing in a Tube at Surface Temperatures up to 5900 R	1960
20150017456	An Experimental Study on the General Buckling of Thin-Walled Circular Cylinders Under Axial Loads	1960
20150017458	A Numerical Method for Solution in Series Applied to Optimum Vacuum Flight Trajectory Intergration	1960
20150017469	Carbon Dioxide Reduction Systems	1960
20150017471	Research on Solar Ultraviolet Radiation	1960
20150017474	Instrumentation System Checkout Procedures - Capsule #9	1960
20150017477	A Sinusoidal Vibrator for Generating High Acceleration at High Frequencies	1960
20150017480	Performance of an RF Impedance Probe in the Ionosphere	1960
20150017486	Proposal for Implementations of NASA-Delta Launchings at Pacific Missile Range	1960
20150017489	A Theoretical and Experimental Study of the Physical Properties of the Ionosphere by Means of Satellite Radio Transmission	1960
20150017491	An Investigation of Unstable Shear Flows and Their Relation to Aerodynamic Noise	1960
20150017492	Research on Liquid Dynamics in Missile Fuel Tanks	1960
20150017494	Satellite Situation Report	1960
20150017523	Unique Positioning System for Solid-State Fission Probe Permits Rapid Low Power Flux Mapping in Plate-Type Fuel Elements	1960
20150017525	Status of Electric Propulsion for Space Missions	1960
20150017528	Propulsion for the Scout Vehicle	1960
20150017529	The Impact of Space Exploration on Human Affairs	1960
20150017530	Literature Survey - Rolling Element Bearings	1960
20150017532	High Altitude Radiation Measurements	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017537	Guidance Concepts for Lunar Landings	1960
20150017542	Unsteady Laminar Free Convection	1960
20150017543	Numerical Conversion Table for Several Physical Quantities	1960
20150017544	Contamination Control in Hydraulic Systems: State-of-the-Art	1960
20150017545	Rapid Reduction of Cosmic-Radiation Intensity Measured in Interplanetary Space	1960
20150017546	Experiments on the Eleven-Year Changes of Cosmic-Ray Intensity Using a Space Probe	1960
20150017547	Master Operational Schedule. Part IV of the Firing Test Report Mercury-Redstone Space-Craft MR-1	1960
20150017548	Master Operational Schedule. Part IV of the Firing Test Report Mercury-Redstone Space-Craft MR-1	1960
20150017553	Gas Lubricated Bearings	1960
20150017554	A Description of a Near Earth Satellite Orbit Computation Program Using Oblate Spheroidal Coordinates	1960
20150017555	Instrumentation System Checkout Procedures Capsule 8	1960
20150017596	Generalized Angular Momentum in Many-Body Collisions	1960
20150017597	Mass Transfer, Flow, and Heat Transfer About a Rotating Disk	1960
20150017598	Refractory Metals in the Exploration of Space	1960
20150017599	The Role of Engineering in Space Exploration	1960
20150017600	Summary of Boundary Layer Measurements Made on the Test Section Walls of the JPL Supersonic Wind Tunnels - JPL 12-Inch SWT Short and Long Nozzles - JPL 20-Inch SWT Short Nozzle	1960
20150017601	Theory of Pulse-Data Systems Applied to an Input Self-Adaptive Pulse-Data System	1960
20150017634	Experiments and Theory for Continuous Steady Acceleration of Low Density Plasmas	1960
20150017635	Bibliography of the Shape of the Earth	1960
20150017636	Pre-Installation Acceptance Tests for Electrical Power System Components	1960
20150017637	Communication System Checkout Procedures (Capsule 7)	1960
20150017652	Pyrotechnic, Mechanical Test and Build-Up (Hanger "S")	1960
20150017663	NASA Conference on Thermal Radiation Problems in Space Technology	1960
20150017677	Pre-Installation Acceptance Test for Sequence System, Landing Through Recovery Components	1960
20150017721	[Space Supporting Research Program]	1960
20150017767	An American Chronology of Science and Technology in the Exploration of Space - 1915-1960	1960
20150017770	Quarterly Reports on NASA Order HS-175	1960
20150017771	Addendum to Quarterly Reports on NASA Order HS-175 from July 1, 1960 Through September 31, 1960	1960
20150017772	Summary of Boundary Layer Measurements Made on the Test Section Walls of the JPL Supersonic Wind Tunnels - JPL 12-Inch SWT Short and Long Nozzles - JPL 20-Inch SWT Short Nozzle. Appendix A	1960
20150017779	Project Mercury - Recovery Operations for Little Joe Test No. Two	1960
20150017804	Automatic Stabilization Control System Checkout Procedures - Capsule 7	1960
20150017805	Environmental Control System Checkout Procedures - Capsule 7	1960
20150017806	Communication System Checkout Procedures - Capsule 8	1960
20150017808	Environmental Control System Checkout Procedures - Capsule 8	1960
20150017817	Measurement of Pier Tilt with a Quartz Torsion Fiber Pendulum	1960
20150017823	Space Propulsion - Section VI - Rival Space Systems G - Less Common Propulsion Systems 1 - Gaseous Nuclear Rocket	1960
20150017826	Automatic Stabilization Control System Checkout Procedures (Capsule No. 8)	1960
20150017829	Effect of Mutual Distortion on Phase Shifts of Colliding Systems	1960
20150017830	Investigation of a Gas-Driven Jet Pump for Rocket Engines	1960
20150017831	Joining of Tungsten	1960
20150017832	Effect of Tracking Accuracy Requirements on Design of Minitrack Satellite Tracking System	1960
20150017836	Present Status of the Beam Neutralization Problem	1960
20150017838	Aerodynamic Design and Performance of Five-Stage Transonic Axial-Flow Compressor	1960
20150017839	Sequence System, Landing Through Recovery Checkout Procedures (Capsule 5)	1960
20150017840	Sequence System, Landing Through Recovery Checkout Procedures (Capsule 8)	1960
20150017841	Sequence System, Landing Through Recovery Checkout Procedures	1960
20150017842	Rocket System Alignment and Capsule Weight and Balance	1960
20150017843	Navigational Aids and Instrument Systems Checkout Procedures	1960
20150017844	Mercury - Redstone Simulated Flight Test	1960
20150017845	Capsule Preparation and Shipment - Capsule 14	1960
20150017847	1964 Mars and 1965 Venus Trajectories	1960
20150017849	The Ionosphere Beacon Satellite S-45	1960
20150017851	Capsule, Pylon and Adapter Installation Checks	1960
20150017852	Capsule, Pylon and Adapter Installation Checks - Capsule 7	1960
20150017855	Capsule, Pylon and Adapter Installation Checks (Capsule 14)	1960
20150017856	Capsule Preparation and Shipment (Capsule No. 9)	1960
20150017857	Capsule Preparation and Shipment - Capsule No. 8	1960
20150017858	Capsule Preparation and Shipment (Capsule 7)	1960
20150017859	Navigational Aids and Instrument Systems Checkout Procedures (Capsule No. 5)	1960
20150017860	Navigational Aids and Instrument Systems Checkout Procedures	1960
20150017861	Project Mercury: The Astronaut Training Program	1960
20150017862	Major Solar Proton Beams and Preliminary Estimate of Shielding Weights for Protection in Space	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017867	Sequence System, Landing Through Recovery Checkout Procedures	1960
20150017868	The Goldstone Station Communications and Tracking System for Project Echo	1960
20150017871	The Control and Measurement of the Mercury Capsule Environment	1960
20150017878	Description of Atmospheric Structure Satellite S-6	1960
20150017899	Engineering Proposal for the Study of Saturn Postinjection Guidance Systems	1960
20150017900	Engineering Proposal for the Design Study of a Lunar Orbiter Visual Observation Instrument Sub-System	1960
20150017902	Engineering Proposal for the Design Study of a Lunar Orbiter Visual Observation Instrument Sub-System	1960
20150017903	Engineering Proposal for the Study of Saturn Post-Injection Guidance Systems	1960
20150017984	Theory of Artificial Stabilization of Missiles and Space Vehicles with Exposition of Four Control Principles	1960
20150017989	An Improved Technique for Obtaining Atmospheric Ion Mobility Distributions	1960
20150017992	The Satellite Vanguard II: Cloud Cover Experiment	1960
20150017997	Comparison of an Eight-Tone and a Two-Tone System for Transmitting Information in Three Bit Blocks	1960
20150018000	Summary of Mercury-Johnsville Centrifuge Program of August 1959	1960
20150018001	Project Mercury Cleveland Window Abrasion Tests (Capsule 2)	1960
20150018002	Project Mercury: Project Mercury Animal Ground Support Activities	1960
20150018003	Project Mercury: Status of the Animal Test Program	1960
20150018009	Summary of Boundary Layer Measurements Made on the Test Section Walls of the JPL Supersonic Wind Tunnels	1960
20150018010	Optical Satellite Tracking Program	1960
20150018031	Spiritual Leadership in the Space Age	1960
20150018032	Conversations About the Ethical Use of Knowledge	1960
20150018033	Progress in International Cooperation in Space Activities	1960
20150018146	Third Seminannual Report to the Congress	1960
20150018147	Second Semi-annual Report of the National Aeronautics and Space Administration	1960
20150018148	Investigating the Lunar Atmosphere and Planetary Atmosphere	1960
20150018152	Cosmic Ray Measurements and Measuring Devices	1960
20150018162	Masers	1960
20150018164	The Variation of the Cosmic Ray Intensity During a Solar Cycle	1960
20150018165	Direct Measurements of Particle Fluxes in and near Auroras	1960
20150018166	IGY Rocket Measurements of Arctic Atmospheric Composition Above 100 KM	1960
20150018167	Results of IGY Atmospheric Density Measurements Above Fort Churchill	1960
20150018169	Two-Phase Flow and Acoustic Phenomena in Gases and Liquids	1960
20150018177	A Method for Thrust Control of a Solid-Propellant Rocket Motor	1960
20150018181	Transfer Between Noncoplanar Orbits with Minimum Velocity Requirements	1960
20150018183	Review of the Operational Plans for Mercury Orbital Mission	1960
20150018190	Plasma Physics and Magneto-Fluid-Dynamics	1960
20150018212	A Theory of Decaying Homogenous Turbulence	1960
20150018216	Similarity Solutions for Inviscid Hypersonic Flow over Slender Power Law and Related Bodies	1960
20150018219	The Variation with Temperature of the Recombination of Oxygen Atoms on a Platinum Surface	1960
20150018221	Some Problems in Using Fluorine in Rocket Systems	1960
20150018223	The Disposal of Fluorine	1960
20150018226	Preliminary Standard Trajectory Ranger R-1 and R-2	1960
20150018227	Heat Transfer in Annular Passages with Variable Wall Temperature and Heat Flux	1960
20150018228	Methods to Alter Flight Path of Delta Third Stage After Burnout	1960
20150018229	Use of Perigee Propulsion for Orbital Launch of Nuclear Rockets	1960
20150018234	An Alternate to the Gimballed Thrust-Chamber	1960
20150018238	Development of Multiple Radiation Zones on October 18, 1959	1960
20150018239	Pilot Control of Space Vehicle Tumbling	1960
20150018240	Earth-Based Radio Navigation for Lunar Vehicles	1960
20150018243	The Exploration of Space	1960
20150018244	Post Hurricane Report: Hurricane Donna-September 10-11, 1960	1960
20150018246	Elastic Orifices for Gas Bearings	1960
20150018448	Externally Pressurized Spherical Gas Bearings	1960
20150018450	Capabilities and Costs of Various Types of VTOL Aircraft	1960
20150018451	Oxidation of Metals that Form Volatile Oxides: Effect of Pressure and Effect of Active Particles in the Oxidizing Gas	1960
20150018452	Mechanical Properties of Refractory Metals and Alloys Above 2000 F	1960
20150018454	Hot Wire Exploration of Transition on Cones in Supersonic Flow	1960
20150018460	Catalytic Surface Recombination of Atomic Oxygen	1960
20150018461	Catalytic Surface Recombination of Atomic Oxygen	1960
20150018464	Rudimentary Launch Guidance Methods for Deep-Space Missions	1960
20150018468	Catalytic Surface Recombination of Atomic Oxygen	1960
20150018470	A Study of Shielding Requirements for Manned Space Missions	1960
20150018482	Design Considerations for Manned Space Stations	1960
20150018485	Recent Work at Langley Research Center in the Development of Hypersonic Helium Tunnels	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150018486	Outer Radiation Belt and Solar Proton Observations with Explorer VII during March-April 1960	1960
20150018487	Research on Improved Particle- Charging Technique	1960
20150018491	Quarterly Progress Report No. 2 on Contract No. NASw-138	1960
20150018492	[University of Michigan Discussion and Preliminary Results]	1960
20150018505	Plasma Propulsion	1960
20150018506	Multigroup Diffusion with Periodic Arrays of Line Sources	1960
20150018518	Lunar Landing Vehicle Propulsion Requirements	1960
20150018523	Contribution to Ion Propulsion	1960
20150018524	Statement by Dr. T. Keith Glennan, Administrator National Aeronautics and Space Administration Before the House Committee on Science and Astronautics	1960
20150018525	Direct Measurements of Particle Fluxes in and near Auroras	1960
20150018560	Liquid Propellant Rocket Engines	1960
20150018564	Quantum Formalism Adapted to Radiation in a Coherent Field	1960
20150018625	Lunar Landing Vehicle Propulsion Requirements	1960
20150018627	Shock Wave Propagation in Crater Formation	1960
20150018629	General Instability of Cylindrical Shells	1960
20150018630	A New Series of Advanced-temperature Nickel-Base Alloys	1960
20150018633	Project Mercury Medical Operation Plan	1960
20150018634	Project Mercury Medical Recovery Operations	1960
20150018642	Results of the Project Mercury HF Recovery Beacon Test No. 1	1960
20150018643	Project Mercury: General Discussion of Contingency Recovery	1960
20150018646	Qualification Tests on the MA-1 Terminal System	1960
20150018816	Evaluation of Tungsten Extrusions Produced by the High-Energy-Rate Extrusion Process	1960
20150018831	On the Energy Equation in Magnetogasdynamics	1960
20150018832	[The Design, Development, and Fabrication of Three Orbiting Solar Observatory Satellites]	1960
20150018833	[Design, Development and Fabrication of Three Orbiting Solar Observatory Satellites]	1960
20150018834	[The Design, Development, and Fabrication of Three Orbiting Solar Observatory Satellites]	1960
20150018837	[The Design, Development and Fabrication of Three Orbiting Solar Observatory Satellites]	1960
20150018842	Metals Reinforced with Fibers	1960
20150018845	On the Presence of NaOH in Crystalline NaCl	1960
20150018846	Mercury Capsule and Its Flight Systems	1960
20150018850	On the Solution of Fluid Flow Problems with a Slip Boundary Condition	1960
20150018926	Project Mercury Tracking Station to be Located in Mexico	1960
20150018927	Design Considerations for an Orbiting Astronomical Observatory	1960
20150018929	Proposed Advanced Development Program, Schedules, and Required Funding	1960
20150018930	Experimental Heat Transfer and Pressure Drop of Film Boiling Liquid Hydrogen Flowing Through a Heated Tube	1960
20150018951	Volumetric Assay of Ammonium Perchlorate	1960
20150018970	Magnetic Storms and the Van Allen Radiation Belts- Observations from Satellite 1958 epsilon (Explorer IV)	1960
20150018971	Some Instrumentation Requirements of a Non-periodic 6-Millisecond Sawtooth Pulse	1960
20150018976	Ground Antenna for Space Communication System	1960
20150018980	Heat Transfer by Combined Forced Convection and Thermal Radiation in a Heated Tube	1960
20150018989	Heat Transfer for Pulsating Laminar Duct Flow	1960
20150018997	Present Plans for Future Space Diets	1960
20150018998	1964 Mars and 1965 Venus Trajectories	1960
20150018999	Description of Orbiting Solar Observatory S-16	1960
20150019000	Study of High Energy Gamma-Rays in the Primary Cosmic Radiation	1960
20150019295	Science and Engineering in the Space Age	1960
20150019296	High Temperature Properties of Sodium	1960
20150019397	Astrodynamical Notation and Usage	1960
20150019398	S-Spaces and the Open Mapping Theorem	1960
20150019555	Wear and Friction of Impregnated Carbon Seal Materials in Liquid Nitrogen and Hydrogen	1960
20150019557	The Data Systems for Explorer VI and Pioneer V	1960
20150019579	On Coded Phase-Coherent Communications	1960
20150019580	Flight Mechanics of Re-Entry After Circumlunar Flight by Mean of Various Lifting Techniques	1960
20150019587	Sydney to San Francisco Radio Teletype Reliability Tests	1960
20150019589	A Flow Angularity Calibration of a 90 deg Cone Probe	1960
20150019590	A Semiconductor Approach to Microelectronics	1960
20150019591	Special Data Reduction Equipment Spectrum Analyzer	1960
20150019593	Preliminary Investigation of the Satellite Gravitational Red Shift Experiment	1960
20150019598	Method of Producing Improved Bearing Components by Elimination or Control of Fibre Orientation	1960
20150019599	Method of Producing Improved Bearing Components by Elimination or Control of Fiber Orientation	1960
20150019600	Method of Producing Improved Bearing Components by Elimination or Control of Fiber Orientation	1960
20150019601	Method of Producing Improved Bearing Components by Elimination or Control of Fiber Orientation	1960
20150019603	The Thermal Radiation Balance Experiment on Board Explorer VII	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150019604	Pressurized Transfer of Cryogenic Fluids from Tanks in Liquid-Nitrogen Baths	1960
20150019605	A Sunfinder for an Interplanetary Vehicle	1960
20150019677	Engineering Properties of Potassium	1960
20150019679	Research on the Physics of Solid Materials	1960
20150019681	On the Size Range of Active Nucleation Cavities on a Heating Surface	1960
20150019702	Digressions from the Main Goal of Research Endeavors	1960
20150019713	Elastic Stability of Orthotropic Shells	1960
20150019716	Magnetic Field Effects on Artificial Satellites	1960
20150019819	Additional Observations of the Effects of Air Condensation in the 21-Inch Hypersonic Wind Tunnel	1960
20150019821	Preparation and Properties of Some Trialkylborane	1960
20150019833	Stress as a Reduced Variable: Stress Relaxation of SBR Rubber at Large Strains	1960
20150019834	Study of Sputtering of Materials	1960
20150019838	High Energy Elastic Scattering of Atoms, Molecules, and Ions	1960
20150019839	Utilization of the Pilot in the Launch and Injection of a Multistage Orbital Vehicle	1960
20150019840	Gas Lubrication in Instruments and Control Devices	1960
20150019841	Pre-Installation Acceptance Test for ASCS Components	1960
20150019843	Hangar Simulated Flight	1960
20150019998	NASA's Program and Findings on the Effects of High-stress Concentrations on High-Strength Sheet Alloys	1960
20150019999	Fundamentals of Shielding Against Ionizing Radiation in Space Flight	1960
20150020398	A Cooled, Negative Conductance, Degenerate Parametric Amplifier	1960
20150020399	A Note on the Capacity of a Channel	1960
20150020401	Low Molecular Weight Hydrocarbons as Jet Fuels	1960
20150020403	Unsteady Laminar Flow in a Duct with Unsteady Heat Addition	1960
20150020520	On the Origin of Radiation	1960
20150020531	[Space Supporting Research Program Performed by the Army Ballistic Missile Agency]	1960
20150020845	Design of Lunar and Interplanetary Ascent Trajectories	1960
20150020846	Photography and Analysis of a Time Variation in Drop-Size Distribution of a Liquid Spray	1960
20150020847	An Engineering Analysis of the Wrights of Ablating Systems for Manned Reentry Vehicles	1960
20150020848	Mercury - Redstone Overall Tests	1960
20150020849	An Investigation of Digital Operational Multipliers with Binary and 8-4-2-1 Coded Decimal Scalars	1960
20150020852	Magneto-hydrodynamic Flow Over a Disk	1960
20150020865	A Study of Trace Contaminants in Enclosed Systems	1960
20150020866	A Study of Trace Contaminants in Enclosed Enclosed Systems	1960
20150020867	A Study of Trace Contaminants in Enclosed Systems	1960
20150020868	Doppler Tracking for Amateurs	1960
20150020874	Electronic Interferometer Tracking	1960
20150020876	The Role of the Jet Propulsion Laboratory in Project Echo	1960
20150020877	Industry Conference Conducted by the Goddard Space Flight Center: Presentation Slides	1960
20150020880	Gaseous Fission Reactors for Spacecraft Propulsion	1960
20150021148	[Design, Development, and Fabrication of Three Satellite Pointing Control Systems]	1960
20150021149	Determination of Pitch and Yaw Rates of Models in Free-Flight Ranges by Magnetic Induction	1960
20150021152	Investigation of Boundary Layer Transition	1960
20150021153	Investigation of Boundary Layer Transition	1960
20150021155	[Design, Development, and Fabrication of Satellite Pointing Control Systems]	1960
20150021156	Mechanism of Ozone Production by the Mercury Sensitized Reaction of Oxygen	1960
20150021174	Satellite Motion Simulator	1960
20150021187	Analog Data Analysis	1960
20150021265	[50K Plug Nozzle Engine]	1960
20150021326	ARINC Research Corporation Project 141	1960
20150021349	ARC Jet Engine Performance - Experiment and Theory	1960
20150021354	Abstracts of Papers Presented at the NASA Symposium on the Theory and Mechanism of Diffusion in Solids	1960
20150021948	Third Semiannual Report of the National Aeronautics and Space Administration	1960
20150021949	Second Semiannual Report of the National Aeronautics and Space Administration	1960
20150022947	Initial Results of the TIROS I Meteorological Satellite	1960
20150022951	Behavior of Buckled Rectangular Plates	1960
20150022953	Relation Between Rolling-Contact Fatigue Life and Mechanical Properties for Several Aircraft Bearing Steels	1960
20150022954	Sharp-Edge-Notch Tensile Characteristics of Several High-Strength Titanium Sheet Alloys at Room and Cryogenic Temperatures	1960
20150022960	Safety and Handling of Ozone-Oxygen Mixtures	1960
20150022970	Effect of Carbon Content and Melting Practice on Room Temperature Sharp-Edge-Notch Tensile Characteristics of H-11 Modified and 300m Sheet Steels	1960
20150023433	Special Trajectory Parameters for NASA Mercury Missions	1960
20160000179	Safety in Handling Toxic Rocket Propellants	1960

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160000185	Lifeboats for Astronauts	1960
20160000193	Scientific Objectives of Lunar Exploration	1960
20160000194	Flight Research	1960
20160000266	A Program for Lunar Exploration	1960
20160000283	Some Real-Gas Flow Parameters for Air	1960
20160000284	Heating Penalty Associated with Modulated Entry Into Earth's Atmosphere	1960
20160000506	Current Trends in Large Booster Developments	1960
20160000512	Effect of Thermal Radiation from a Hot Gas Layer on Heat of Ablation	1960
20160000526	Sheet Alloys Graded by "Sharp-Notch Sensitivity"	1960
20160000712	Research on Zodiacal Light	1960
20160000832	New Developments in Geodesy with Special Relation to the Implications for the Earth's Interior	1960
20160000833	Research on Solar Ultraviolet Radiation	1960
20160000906	Project Mercury: Medical Aspects of the Recovery Program	1960
20160001005	The St. Lawrence Burns	1960
20160001961	A Mercury Pool for Precise Alignment of Instruments	1960
20160002900	Optical Contrast Correlation Seeker	1960
20160003564	Research on Ionization Phenomena in Hypersonic Wind Tunnels	1960
20160004732	Radar Echoes From the Sun	1960
20160004748	Research on Ultra-High Impulse Propellant Systems	1960
20160009466	Design Procedure for a Two-Level On-Off Attitude Control System for a Satellite Vehicle	1960
20160013576	Surveyor Spacecraft System	1960
20160013747	Post Launch Report for Mercury-Atlas No. 1 (MA-1)	1960
20160013754	Operation Plan: Project ECHO A-11	1960
20160013755	Operation Plan Project Echo #1	1960
20160013780	Postlaunch Report for Mercury-Redstone No. 1A (MR-1A)	1960
20160013792	Gemini Agena Target Press Handbook	1960
20160013827	Field Report: Project Echo: Trinidad Test Site	1960
20170000903	Current Trends in Storable Propellants	1960
20170000906	Preliminary Evaluation of TV Capsule Test Flight with Redstone Missile CC-2022	1960
19620000135	Organic Semiconductors: Properties and Applications, Literature Search No. 341	1961
19620000169	THE FORMATION OF THE SUN AND PLANETS	1961
19620000170	ATLAS OF THE FAR SIDE OF THE MOON	1961
19620000213	AN EXPERIMENTAL 960-MC MASER AMPLIFIER SYSTEM APPLICABLE TO SPACE COMMUNICATIONS	1961
19620000216	A LIMIT ANALYSIS OF THE COLLAPSE OF HEXAGONAL CELL STRUCTURES UNDER AXIAL LOAD	1961
19620000218	Transient Response and Steady-State Temperature Distribution in a Heated, Radiating, Circular Plate	1961
19620000294	EFFECT OF MAJOR METEORIC SHOWERS ON THE DENSITIES OF THE UPPER ATMOSPHERE	1961
19620000356	PUBLICATIONS OF THE JET PROPULSION LABORATORY, JANUARY 1938 THROUGH JUNE 1960	1961
19620000527	Observations of Canal Sickness and Adaptation in Chimpanzees and Squirrel Monkeys in a Slow Rotation Room	1961
19620000531	SAMPLING THEOREMS AND BASES IN A HILBERT SPACE	1961
19620000539	STIMULATION OF THE EDUCATIONAL AND RESEARCH POTENTIAL OF UNIVERSITIES IN THE STATES OF MISSOURI, OKLAHOMA, KANSAS, ARKANSAS, IOWA AND NEBRASKA BY GREATER PARTICIPATION IN SPACE SCIENCE AND TECHNOLOGY.	1961
19620000540	Vaporization and Thermionic Emission of Refractory Materials	1961
19620000561	CHARGED PARTICLE MEASUREMENTS ABOVE 100 KM BY THE LANGMUIR PROBE TECHNIQUE.	1961
19620000565	Screening Program on Superalloys for Trisonic Transport	1961
19620000574	Application of the System Transfer Function Concept to a Mathematical Description of the Labyrinth: I. Steady-State Nystagmus Response to Semicircular Canal Stimulation by Angular Acceleration	1961
19620000575	Frequency Response of the Human Semicircular Canals: I. Steady-State Ocular Nystagmus Response to Highlevel Sinusoidal Angular Rotations	1961
19620000618	Study of Real Gas Effects	1961
19620000621	Triaxial Ballistocardiogram Under Zero Gravity Conditions	1961
19620000625	INVESTIGATION OF BOUNDARY LAYER TRANSITION.	1961
19620000679	Satellite Orbital Data	1961
19620000717	INTERNATIONAL CONFERENCE ON SPECTRAL LINE SHAPE AND MOLECULAR INTERACTIONS, REHOVOTH, ISRAEL, AUG. 28-31, 1961 - SUMMARY	1961
19620000769	NASA SPACE ENVIRONMENT TEST CHAMBER AND SOLAR RADIATION SIMULATOR.	1961
19620000817	Ground Equipment for Satellite Communication	1961
19620000831	Absolute Electron Intensities in the Heart of the Earth's Outer Radiation Zone	1961
19620000839	Emission, Absorption, and Conductivity of a Fully Ionized Gas at Radio Frequencies	1961
19620000876	Collection and Analysis of Micrometeorites	1961
19620000900	Primary Proton Protection. Part IV- Isotropic Particles, and Electromagnetic Shielding	1961
19620000962	Interplanetary Trajectories for Electrically-Propelled Space Vehicles	1961
19620000971	Human Body Dynamics Study	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620000972	Heat Transfer with Laminar Flow in Concentric Annuli with Constant and Variable Wall Temperature and Heat Flux	1961
19620000983	Current Work on Geomagnetically Trapped Corpuscular Radiation	1961
19620001070	Intensity Variations in Outer Van Allen Radiation Belt	1961
19620001150	CALCULATED MODE SHAPES AND PRESSURE DISTRIBUTIONS AT FLUTTER FOR A HIGHLY TAPERED HORIZONTAL TAIL IN SUBSONIC FLOW	1961
19620001165	NYLON NET SEAT FOR A MODIFIED RB-57 AIRCRAFT	1961
19620001172	AOMC CLIMATOLOGICAL RINGBOOK. PART XIX. EMPIRICAL FREQUENCY DISTRIBUTIONS OF PRESSURE, TEMPERATURE AND AIR DENSITY AT LEVELS OF CONSTANT ALTITUDE, VIENNA, AUSTRIA	1961
19620001175	Perception of the Postural Vertical as a Function of Practice in Normal Persons and Subjects with Labyrinthine Defects. Joint Report	1961
19620001189	DESIGN, DEVELOPMENT AND TESTING OF NON-MODULATING PRESSURE CONTROL VALVES. VOL. II.	1961
19620001190	PLANFORM CHARACTERISTICS OF PERIPHERAL JET WINGS	1961
19620001194	MODULATED ELECTRON BEAM DIAGNOSTICS IN PLASMAS.	1961
19620001196	INFRARED SPECTRA AND THERMODYNAMIC PROPERTIES OF TRIFLUOROBOROXINE, FBO SUB 3.	1961
19620001197	Applications of Ion Propulsion to NASA Missions	1961
19620001310	Thrust Vector Control System Utilizing an Adverse Pressure Gradient in the Nozzle	1961
19620001312	A Study of Systems for Space Propulsion	1961
19620001315	EVALUATION OF REGENERATIVE FUEL CELL.	1961
19620001335	Extended Tables of Provisional Thermodynamic Functions for Para Hydrogen in Liquid, Fluid and Gaseous States at Pressures to 340 atm., 20 to 100 deg K, and at Pressures to 100 atm., 100 to 300 deg K.	1961
19620001336	THE IONOSPHERIC TOPSIDE SOUNDER PROGRAM.	1961
19620001339	THERMAL CONDUCTIVITY OF A SPECIMEN OF CARPENTER 20 STAINLESS STEEL	1961
19620001384	Investigation of High Frequency Propagation in the Ionosphere Using Satellite Transmissions	1961
19620001506	Paraglider Recovery System for the Saturn Booster	1961
19620001533	NAGATIVE ION BEAMS.	1961
19620001537	REPORT OF PROGRESS, JUNE 16, 1961-DEC. 16, 1961	1961
19620001555	RESEARCH ON ZERO-GRAVITY EXPULSION TECHNIQUES.	1961
19620001593	NASA-AEC Liquid Metals Corrosion Meeting	1961
19620001594	LIQUID METAL RESEARCH. IN NASA-AEC LIQUID METALS CORROSION MEETING	1961
19620001595	EVALUATION OF MATERIALS IN LIQUID AND GASEOUS MERCURY	1961
19620001596	VAPOR-LIQUID CORROSION STUDIES IN MERCURY AND SODIUM SYSTEMS	1961
19620001597	SUMMARY OF WORK ON LIQUID METAL CORROSION. IN NASA-AEC LIQUID METALS CORROSION MEETING, BROOKHAVEN NATIONAL LAB., DEC. 14-15, 1961	1961
19620001598	ALKALI-METAL CORROSION STUDIES AT ROCKETDYNE	1961
19620001599	POTASSIUM CORROSION STUDIES	1961
19620001600	LIQUID METAL INVESTIGATIONS	1961
19620001601	LIQUID METAL CORROSION RESEARCH IN THE SNAP DEVELOPMENTAL PROGRAM	1961
19620001602	CARBON TRANSFER IN LIQUID SODIUM SYSTEMS	1961
19620001603	REPORT TO AEC-NASA LIQUID METALS CORROSION MEETING	1961
19620001604	MERCURY CORROSION OF TITANIUM AND TITANIUM ALLOYS AT ELEVATED TEMPERATURES	1961
19620001605	COMPATIBILITY OF CONTAINMENT METALS WITH CESIUM	1961
19620001606	WORKING FLUIDS PROGRAM	1961
19620001607	SODIUM COMPONENTS DEVELOPMENT PROGRAM	1961
19620001608	THE G.E.-APED SODIUM STUDY	1961
19620001609	FEASIBILITY STUDIES OF NON-CHEMICAL METHODS FOR THE DETERMINATION OF OXYGEN IN SODIUM AT LOW CONCENTRATIONS	1961
19620001610	ALKALI METAL ANALYTICAL PROGRAM- DETERMINATION OF OXYGEN IN POTASSIUM	1961
19620001611	DEVELOPMENTS IN THE ANALYSIS OF OXYGEN IN ALKALI METAL	1961
19620001612	EVALUATION OF EXISTING METHODS AND NEW PROPOSALS FOR THE DETERMINATION OF OXYGEN IN SODIUM	1961
19620001613	SUMMARY OF LIQUID METAL ACTIVITIES AT UNITED NUCLEAR	1961
19620001614	Determination of Carbon in Sodium Deposition of Refractory Coatings from Liquid Metal Media Properties of Materials Exposed to 1200 Deg F Sodium	1961
19620001676	Comparison of Fission Electric Cell Geometries	1961
19620001731	PHOTOSYNTHETIC GAS EXCHANGE IN THE CLOSED ECOSYSTEM FOR SPACE. PHASE II, PART 1. PILOT PHOTOSYNTHETIC GAS EXCHANGE STUDIES	1961
19620001739	The Geomagnetically Trapped Corpuscular Radiation	1961
19620001771	Capsule No. 18 Instrumentation Report for Project Mercury	1961
19620001875	Thermodynamic Functions of Several Triatomic Molecules in the Ideal Gas State	1961
19620001977	A PRELIMINARY STUDY OF SOME ABORT TRAJECTORIES INITIATED DURING LAUNCH OF A LUNAR MISSION VEHICLE	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620002050	Density of the Lunar Atmosphere	1961
19620002054	COMPARATIVE PERFORMANCE OF ELECTROSTATIC ROCKET ENGINES	1961
19620002138	On the Size Range of Active Nucleation Cavities on a Heating Surface	1961
19620002179	Momentum Vector Considerations in Wheel-Jet Satellite Control System Design	1961
19620002249	Dynamic Testing of Pressure Transducers - A Progress Report	1961
19620002276	Space Programs Summary No. 37-12, Volume 1 for the Period September 1, 1961 to November 1, 1961	1961
19620002373	Project Mercury Astronaut Training Program	1961
19620002374	Some Implications of Project Mercury Experience for Future Astronaut Training Programs	1961
19620002439	General Instability of Cylindrical Shells	1961
19620002488	Determination of the Emissivity of Materials Report No. PWA-1966, 1 Jan. - 31 Mar. 1961	1961
19620002496	AN AUTOMATIC TEMPERATURE CONTROL SYSTEM FOR WATER-COOLED STRAIN-GAGE WIND TUNNEL BALANCES	1961
19620002549	The Concept and Capabilities of Large Solid Rockets for Advanced Space Launch Vehicles	1961
19620002744	Evaporation Effects on Materials in Space	1961
19620002809	Behavior of Materials in Space Environments	1961
19620002893	Calculation of Detonation Properties and Effect of Independent Parameters on Gaseous Detonations	1961
19620002899	On the Maximum Latitude of Lunar Landing Sites	1961
19620002961	Bringing in Electrical Propulsion	1961
19620003144	The Apparent Temperature of Isolated Objects	1961
19620003233	AN ANALYSIS OF ERRORS AND REQUIREMENTS OF AN OPTICAL GUIDANCE TECHNIQUE FOR APPROACHES TO ATMOSPHERIC ENTRY WITH INTERPLANETARY VEHICLES	1961
19620003234	A STUDY OF STATISTICAL DATA-ADJUSTMENT AND LOGIC TECHNIQUES AS APPLIED TO THE INTERPLANETARY MIDCOURSE GUIDANCE PROBLEM	1961
19620003235	TURBULENT BOUNDARY-LAYER SEPARATION INDUCED BY FLARES ON CYLINDERS AT ZERO ANGLE OF ATTACK	1961
19620003236	LINEARIZED SUPERSONIC NONEQUILIBRIUM FLOW PAST AN ARBITRARY BOUNDARY	1961
19620003257	TABLES OF Z FUNCTIONS FOR ATMOSPHERE ENTRY ANALYSES	1961
19620003295	THE STRUCTURE OF A STRONG SHOCK WAVE IN THE KROOK COLLISION MODEL	1961
19620003487	Reliability--Propulsion and Launch Vehicles	1961
19620003488	The Role of Project Ranger in the Nasa Lunar Program	1961
19620003490	UTILIZING THE PHASING TECHNIQUE IN RENDEZVOUS	1961
19620003549	DYNAMICS AND STRUCTURE OF THE OUTER RADIATION BELT	1961
19620003621	DERIVATION OF ANGULAR-VELOCITY RATIO FOR A PARTICULAR DESPIN SYSTEM	1961
19620003622	DETERMINATION OF REAL-GAS STAGNATION TEMPERATURE BASED ON MASSFLOW CONSIDERATION	1961
19620003623	Free-Convection Similarity Flows about Two-Dimensional and Axisymmetric Bodies with Closed Lower Ends	1961
19620003624	A STUDY OF AXIAL-FLOW TURBINE EFFICIENCY CHARACTERISTICS IN TERMS OF VELOCITY DIAGRAM PARAMETERS	1961
19620003625	FRICTION, WEAR, AND EVAPORATION RATES OF VARIOUS MATERIALS IN VACUUM TO 10-7MM HG	1961
19620003627	Application of Nuclear Rocket Engines to Manned Lunar Missions	1961
19620003628	Recombination and Condensation Processes in High-Area-Ratio Nozzles	1961
19620003630	ON THE LONG-PERIOD LUNAR AND SOLAR EFFECTS ON THE MOTION OF AN ARTIFICIAL SATELLITE, 2	1961
19620003631	NASA Problems and Chemical Research	1961
19620003633	Studies of the Physical Properties of the Moon and Planets	1961
19620003643	THE EFFECTS OF SHEAR DEFORMATIONS AND CROSS-SECTIONAL DISTORTION ON THE NATURAL FREQUENCIES OF WIDE-FLANGED BEAMS	1961
19620003657	Study of Self-Evaluation State Vector Control with Applications to Flexible Liquid-Fueled Aerial and Space Vehicles	1961
19620003663	Effect of Nuclear Radiation on Materials at Cryogenic Temperatures	1961
19620003673	ON STROMGREN'S METHOD OF SPECIAL PERTURBATIONS	1961
19620003695	EFFECT OF RAPID PRESSURE DECAY ON SOLID PROPELLANT COMBUSTION	1961
19620003702	Research into the Effects of Angular Velocity, Angular Acceleration, and Coriolis Accelerations on Healthy Persons and on Persons with Decreased or Lost Function of the Semi-Circular Canals	1961
19620003720	EXPLORATORY STUDY OF POTASSIUM AND SODIUM SUPEROXIDE FOR OXYGEN CONTROL IN MANNED SPACE VEHICLES.	1961
19620003732	Fracture Testing of High-Strength Sheet Materials-National Aeronautics and Space Administration--Naval Research Laboratory Cooperative Program on Specimens Intended for Fracture Toughness Measurements	1961
19620003733	A Transducer for the Continuous External Measurement of Arterial Blood Pressure	1961
19620003855	Viscoelastic Behavior of Polymers at Long Times	1961
19620004023	Applications of Spin Resonance Techniques to the Study of Radiation Effects	1961
19620004258	Condenser Heat Rejection Systems	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620004259	Condenser Heat Rejection Systems	1961
19620004260	Condenser Heat Rejection Systems	1961
19620004261	Condenser Heat Rejection Systems	1961
19620004262	Condenser Heat Rejection Systems	1961
19620004286	Identification of Cloudforms from Tiros I Pictures	1961
19620004358	Recent Progress on the Linear and Nonlinear Liquid Rocket Combustion Instability Researches	1961
19620004370	Record of Cosmic-Ray-Intensity in the Meteorites	1961
19620004407	Tektite Project. Research	1961
19620004421	Liquid Dynamics in Missile Fuel Tanks. Published Papers and Technical Reports	1961
19620004424	Problems and Potentialities of Space Rendezvous	1961
19620004634	Warning Service for Solar Cosmic Ray Events	1961
19620004767	Foreign Participation in Communication Satellite Systems The Implications of the Federal Communications Act	1961
19620004942	Potential Energy Curves for OH	1961
19620005406	Algol Solid Rocket Motor Program	1961
19620006000	Planetary Atmosphere Studies VIII - Laboratory and Theoretical Studies in the Vacuum Ultraviolet for the Investigation of Chemical Physics of Planetary Atmospheres	1961
19620006001	ABSORPTION AND IONIZATION COEFFICIENTS OF BENZENE AND TOLUENE IN THE VACUUM ULTRAVIOLET	1961
19620006002	LUNAR SURFACE STUDIES BY ULTRAVIOLET TECHNIQUES	1961
19620006003	ABSORPTION AND IONIZATION COEFFICIENTS OF SULFUR DIOXIDE IN THE VACUUM ULTRAVIOLET	1961
19620006004	BRIEF NOTE ON THE DISCOVERY OF THE UNSTABLE ELECTRONIC 2 SUB SIGMA-STATE FOR NO	1961
19620006005	PHOTOCHEMICAL PROCESSES IN THE ATMOSPHERE OF MARS	1961
19620006463	RESEARCH SUMMARY NO. 36-9, VOLUME I FOR THE PERIOD APRIL 1, 1961 TO JUNE 1, 1961	1961
19620006464	Research Summary No. 36-10	1961
19620006465	Space Programs Summary No. 37-8, Volume I for the Period January 15, 1961 to March 1, 1961	1961
19620006466	Space Programs Summary No. 37-11, Volume I for the Period July 1, 1961 to September 1, 1961	1961
19620006656	Provisional Thermodynamic Functions for Para-Hydrogen	1961
19620006813	The Domain of the Ground Effect Machine. The Determination of Physical and Operating Characteristics of Military Overland, Amphibious and Marine GEMs from World-Wide Environmental Criteria. Volume I	1961
19620006878	Structural Synthesis of Symmetric Waffle Plates with Integral Orthogonal Stiffeners	1961
19620007030	ASTRONAUTICS INFORMATION. RADIO LOCATION OF THE PLANET VENUS	1961
19620007209	POWER SPECTRA OF SIGNALS MODULATED BY RANDOM AND PSEUDORANDOM SEQUENCES	1961
19620007256	Electrostatic Hazards Associated with the Transfer and Storage of Lique Hydrogen	1961
19620008174	A STUDY OF 2-3 MILLION POUND THRUST LAUNCH VEHICLE SYSTEMS- SECOND STATUS REPORT	1961
19620008180	THIRTY-KILOWATT PLASMAJET ROCKET ENGINE DEVELOPMENT /U/. SUMMARY REPORT ON THE FIRST YEAR DEVELOPMENT PROGRAM, 25 SEPT. 1960 THROUGH 31 OCT. 1961	1961
19620008222	SYNTHESIS AND EVALUATION OF HIGH ENERGY LIQUID OXIDIZERS. <FINAL REPT.< 29 DEC. 1958 TO 31 OCT. 1961	1961
19620008232	ADVANCE THE STATE OF THE ART ON LIGHTWEIGHT HARD PARTS FOR SOLID PROPELLANT ROCKET MOTORS. QUARTERLY PROGRESS REPT., 15 DEC. 1960 THROUGH 15 MAR. 1961	1961
19620008236	A STUDY OF SIX-TO-TWELVE MILLION-POUND-THRUST LAUNCH VEHICLES. 2ND PRESENTATION REPT	1961
19620008237	A STUDY OF 2- TO 3-MILLION-POUND-THRUST LAUNCH VEHICLE SYSTEMS. 2ND INTERIM STATUS REPT	1961
19620008238	A STUDY OF TWO-TO-THREE MILLION POUND THRUST LAUNCH VEHICLE CONFIGURATIONS. STATUS REPT	1961
19620008248	THEORETICAL SOLUTIONS FOR THE SECONDARY FLOW ON THE END WALL OF A VORTEX TUBE	1961
19620008250	HEAT TRANSFER TO CONFINED VORTEX FLOWS BY MEANS OF A RADIO-FREQUENCY GAS DISCHARGE	1961
19620008251	INVESTIGATIONS OF A UNIQUE GASEOUS-CORE NUCLEAR ROCKET CONCEPT. SUMMARY REPT	1961
19620008271	STORABLE HIGH PERFORMANCE LIQUID BI-PROPELLANT SYSTEMS, PROPELLANT PERFORMANCE EVALUATION - PROJECT TORO FINAL REPORT, VOLUME 2	1961
19620008276	Advance the state of the art on lightweight hard parts for solid propellant rocket motors	1961
19620008281	RL10A-3 MONTHLY DEVELOPMENT PLAN, TECHNICAL STATUS SUMMARY REPORT, 1 OCTOBER TO 1 NOVEMBER 1961	1961
19620008285	Plug-Nozzle Program	1961
19620008422	SUMMARY OF INTERIM REPORT. <PROPULSION REQUIREMENTS FOR SPACE MISSIONS, ADM 61-66, MAY 1961<	1961
19620008423	SOLID PROPELLANT ATTITUDE CONTROL SYSTEM. <FOURTEENTH< MONTHLY PROGRESS REPORT, OCT. 16 TO NOV. 15, 1961	1961
19620008426	DEVELOPMENT OF A PLASMAJET ROCKET ENGINE FOR ATTITUDE CONTROL. FINAL SUMMARY REPT., VOL. I	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008427	Development of Plasmajet Rocket Engine for Attitude Control	1961
19620008428	F-1- <TENTH< QUARTERLY PROGRESS REPORT /U/. <1 APRIL TO 30 JUNE 1961<	1961
19620008429	DATA BOOK FOR ROCKET MOTOR XM-57 /SECTION 5.0, REVISION NO. 6/	1961
19620008430	Development of a Plasmajet Rocket Engine for Attitude Control	1961
19620008431	Design Study of a Large Unconventional Liquid Propellant Rocket Engine and Vehicle	1961
19620008432	Design study of a large unconventional liquid propellant rocket engine and vehicle	1961
19620008434	Rift follow-on status report	1961
19620008435	A SURVEY AND EVALUATION OF HIGH ENERGY LIQUID CHEMICAL PROPELLANT SYSTEMS	1961
19620008436	THE DESIGN, FABRICATION AND STATIC FIRING OF A FULL SCALE LITHIUM COOLED ROTATING NOZZLE. MONTHLY PROGRESS REPT. NO. 5, <NOV. 16 - DEC. 15, 1961<	1961
19620008437	INVESTIGATION OF NOZZLE-FAILURE MECHANISMS IN SOLID-PROPELLANT ROCKETS /U/. TENTH QUARTERLY REPORT, <JULY - SEPT. 1961<	1961
19620008439	SOLID PROPELLANT RESEARCH AND DEVELOPMENT- THEORETICAL PERFORMANCE CALCULATIONS AND THE STUDY OF MULTIPHASE FLOW THROUGH ROCKET NOZZLES. QUARTERLY PROGRESS REPORT 3, AUG. - NOV. <1961<	1961
19620008442	MINUTEMAN PROGRAM- PRELIMINARY FLIGHT RATING TEST, WEAPON SYSTEM 133A. SUMMARY FINAL REPORT	1961
19620008450	SEMI-ANNUAL SUMMARY OF ARPA ACTIVITIES AS OF 31 OCTOBER 1961. <THIRD ISSUE<	1961
19620008453	COAXIAL PLASMA GUN. SECOND QUARTERLY REPORT	1961
19620008456	DELTA MONTHLY TECHNICAL PROGRESS REPORT, DECEMBER 1961, ISSUE NO. 32	1961
19620008458	F-1 ENGINE SYSTEM. MONTHLY PROGRESS LETTER, PERIOD ENDING 30 SEPT. 1961	1961
19620008461	INVESTIGATION AND DEVELOPMENT OF ADVANCED TYPE SOLID PROPELLANTS /U/. FINAL REPORT, 1 NOV. 1960 - 31 OCT. 1961	1961
19620008462	STUDY OF PRESSURIZATION SYSTEMS FOR LIQUID-PROPELLANT ROCKET ENGINES. QUARTERLY PROGRESS 1 JULY - 30 SEPT. 1961	1961
19620008526	RANGE SAFETY POLICY WAIVER REQUESTS AND PROBABILITY STUDY FOR TS 609A 1234S /D-8/ VEHICLE //	1961
19620008555	EVALUATION OF SATURN SA-1 BASE HEATING /U/	1961
19620008664	Surface Wind Statistics for Partrick AFB (Cape Canaveral), Florida	1961
19620008674	A SINGLE PARAMETER THEORY OF VORTEX FLOW IN TURBO-MACHINES	1961
19620008675	SUBJECTIVE RESPONSE TO SONIC BANGS	1961
19620008703	SEMIANNUAL REPORT OF BALLISTIC MISSILE RADIATION ANALYSIS CENTER. 1 JULY 1960 - 31 DEC. 1960. VOL. III- BAMIRAC COMPILATION OF BALLISTIC MISSILE RADIATION MEASUREMENTS	1961
19620008771	EFFECTS OF LIQUID PROPELLANT EXPLOSIONS ON NUCLEAR ROCKET ENGINES. INTERIM REPORT ON EXPERIMENTAL PROGRAM	1961
19620008993	Communication satellites and international frequency management	1961
19620009005	Carbon dioxide reduction systems	1961
19620009013	A survey of various vehicle systems for the manned lunar landing mission	1961
19620009093	SUPERSONIC PARACHUTE RESEARCH. <FINAL< TECHNICAL DOCUMENTARY REPORT	1961
19620009235	High accuracy satellite tracking systems	1961
19620009236	HIGH-ACCURACY SATELLITE TRACKING SYSTEMS. THIRD QUARTERLY REPORT <SEPT. 30 - DEC. 31, 1961<	1961
19620009251	THE INFLUENCE OF CYCLIC TORQUES ON THE ATTITUDE CONTROL OF EARTH-POINTING SATELLITES	1961
19620009269	HIGH TEMPERATURE AIRCRAFT WINDSHIELD DEVELOPMENT PROGRAM, VOLUME I. FINAL TECHNICAL ENGINEERING REPORT, JUNE 1958 - MAY 1962	1961
19620009270	FIRE-RETARDANT COATINGS	1961
19620009271	AIRESEARCH ALTIMETER LABORATORY EVALUATION. INTERIM REPORT	1961
19620009320	RESEARCH ON INORGANIC STRUCTURAL ADHESIVES FOR HIGH TEMPERATURE METALS. QUARTERLY PROGRESS REPORT NO. 3, 1 AUG. THROUGH 31 OCT., 1961	1961
19620009326	A STUDY OF ION EXCHANGE METHODS FOR SEPARATING METALLIC AND COMPLEXED METAL IONS. <FINAL TECHNICAL REPORT<	1961
19620009396	PROGRAM ON MATERIALS RESEARCH AND DEVELOPMENT. VOL. II- REPORTS OF TECHNICAL REVIEW COMMITTEES, 1960-1961	1961
19620009397	REPORT OF COMMITTEE 1 ON MATERIALS REQUIREMENTS CRITERIA FOR ADVANCED DESIGN. IN ITS DEPT. OF DEFENSE PROGRAM ON MATERIALS RESEARCH AND DEVELOPMENT. VOL. II- REPORTS OF TECH. REVIEW COMMITTEES, 1960-1961	1961
19620009398	REPORT ON COMMITTEE 2 ON METALLIC MATERIALS. IN ITS DEPT. OF DEFENSE PROGRAM ON MATERIALS RESEARCH AND DEVELOPMENT. VOL. II- REPORTS OF TECH. REVIEW COMMITTEES, 1960-1961	1961
19620009399	REPORT OF COMMITTEE 3 ON ORGANIC MATERIALS. IN ITS DEPT. OF DEFENSE PROGRAM ON MATERIALS RESEARCH AND DEVELOPMENT. VOL. II- REPORTS OF TECH. REVIEW COMMITTEES, 1960-1961	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009400	REPORT OF COMMITTEE 4 ON INORGANIC NONMETALLIC MATERIALS. IN ITS DEPT. OF DEFENSE PROGRAM ON MATERIALS RESEARCH AND DEVELOPMENT. VOL. II- REPORTS OF TECH. REVIEW COMMITTEES, 1960-1961	1961
19620009401	REPORT OF COMMITTEE 5 ON FUNDAMENTAL ASPECTS OF MATERIALS RESEARCH. IN ITS DEPT. OF DEFENSE PROGRAM ON MATERIALS RESEARCH AND DEVELOPMENT. VOL. II- REPORTS OF TECH. REVIEW COMMITTEES, 1960-1961	1961
19620009402	REPORT OF COMMITTEE 6 ON FABRICATION AND PROCESSING. IN ITS DEPT. OF DEFENSE PROGRAM ON MATERIALS RESEARCH AND DEVELOPMENT. VOL. II- REPORTS OF TECH. REVIEW COMMITTEES, 1960-1961	1961
19620009403	REPORT OF COMMITTEE 7 ON EVALUATION OF MATERIALS. IN ITS DEPT. OF DEFENSE PROGRAM ON MATERIALS RESEARCH AND DEVELOPMENT. VOL. II- REPORTS OF TECH. REVIEW COMMITTEES, 1960-1961	1961
19620009499	DIGITAL DATA HANDLING FOR THE AN/FPS. 16 RADARS AT ABERPORTH	1961
19620009603	RESEARCH ON THE OPTICAL EFFECTS OF ATMOSPHERIC TURBULENCE FINAL REPORT	1961
19620009611	HYPERSONICS - PART II	1961
19620009612	THE LITERATURE AND THEORY OF ABLATION - AN ANNOTATED BIBLIOGRAPHY <COVERING THE PERIOD 1956-1961<	1961
19620009613	Summary of NASA Presentation at the Thermionic Panel Meeting	1961
19620009633	FLIGHT TESTS RESULTS FOR THE "THERMO-LAG" SUBLIMING COMPOUNDS	1961
19630000829	A MOLECULAR THEORY OF THE VISCO-ELASTICITY OF A THREE-DIMENSIONAL HYDROGEN-BONDED NETWORK	1961
19630001185	Problems and Developments in Aerothermoelasticity	1961
19630002972	BIOMECHANICAL PROBLEMS OF THE LUMBAR SPINE	1961
19630002981	JOLT EFFECTS OF IMPACT ON MAN	1961
19630002993	AN ANALOG COMPUTER WHICH DETERMINES HUMAN TOLERANCE TO ACCELERATION	1961
19630002997	APPLICATION OF THE IMPACT SENSITIVITY METHOD TO ANIMATE STRUCTURES	1961
19630003193	Effect of Several Operating and Processing Variables on Rolling Fatigue	1961
19630004033	AN INVESTIGATION AT SUBSONIC SPEEDS OF THE LONGITUDINAL AERODYNAMIC CHARACTERISTICS AT ANGLES OF ATTACK FROM -4 DEG TO 100 DEG OF DELTA-WING REENTRY CONFIGURATIONS HAVING VERTICALLY DISPLACED AND CAMBERED WING-TIP PANELS	1961
19630004038	THE SUBSONIC AERODYNAMIC CHARACTERISTICS OF SOME BLUNT DELTA CONFIGURATIONS WITH 75 DEG SWEEPBACK	1961
19630004195	THE LAMINAR BOUNDARY LAYER NEAR THE LEADING EDGE OF A FLAT PLATE	1961
19630004839	GUIDANCE OF SPACE VEHICLES	1961
19630004996	THEORETICAL PREDICTION OF THE EFFECTS OF VORTEX FLOWS ON THE LOADING, FORCES, AND MOMENTS OF SLENDER AIRCRAFT	1961
19630004997	A THEORETICAL STUDY OF THE MOTION OF AN IDEALIZED PLASMA RING UNDER THE INFLUENCE OF VARIOUS COAXIAL MAGNETIC FIELDS	1961
19630005185	CODING THEORY AND ITS APPLICATIONS TO COMMUNICATIONS SYSTEMS LEONARD BAULERT,	1961
19630006184	STRUCTURES FOR MANNED ENTRY VEHICLES	1961
19630006564	The Structural Dynamic Behavior of a Tank-Mounted Liquid-Propellant Rocket Engine	1961
19630007277	RADIOACTIVE SPECIES PRODUCED BY COSMIC RAYS IN BRUDERHEIM AND OTHER STONE METEORITES	1961
19630008118	DYNAMIC STABILITY AND DISPERSION OF A PROJECT MERCURY TEST CAPSULE UPON ENTERING THE ATMOSPHERE, WITH EFFECT OF ROLL RATE, CENTER-OFGRAVITY DISPLCEMENT, AND THRESHOLD OF A RATE-REACTION CONTROL SYSTEM	1961
19630008161	STATIC LONGITUDINAL CHARACTERISTICS OF SEVERAL PROJECT MERCURY LAUNCH VEHICLES AT MACH NUMBERS BETWEEN 0.4 AND 6.8	1961
19630008163	DYNAMIC MODEL TESTS AT LOW SUBSONIC SPEEDS OF PROJECT MERCURY CAPSULE CONFIGURATIONS WITH AND WITHOUT DROGUE PARACHUTES	1961
19630008172	Development of High Energy Batteries	1961
19630008173	ATMOSPHERIC PHENOMENA, ENERGETIC ELECTRONS, AND THE GEOMAGNETIC FIELD	1961
19630008260	LOCAL HEAT TRANSFER AND RECOVERY TEMPERATURES ON A YAWED CYLINDER AT A MACH NUMBER OF 4.15 AND HIGH REYNOLDS NUMBERS	1961
19630008441	SYNCHRONIZATION OF DECISION FEEDBACK SATELLITE TELEMETRY SYSTEMS	1961
19630008456	STUDY ON LARGE LAUNCH VEHICLES UTILIZING SOLID PROPELLANTS SECOND PROGRESS REVIEW	1961
19630008530	FLUX SWITCHING IN MULTIPATH CORES REPORT 1	1961
19630008542	FREE OSCILLATIONS OF A GRAVITATING SOLID SPHERE	1961
19630008594	SIMILARITY SOLUTIONS FOR SMALL CROSS FLOWS IN LAMINAR COMPRESSIBLE BOUNDARY LAYERS	1961
19630008595	THEORETICAL DETERMINATION OF THE FORM OF THE HOLLOW PRODUCED IN THE SOLAR CORPUSCULAR STREAM BY INTERACTION WITH THE MAGNETIC DIPOLE FIELD OF THE EARTH	1961
19630008971	Wind Tunnel Measurements of Sphere Drag at Supersonic Speeds and Low Reynolds Numbers	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630008981	MEASUREMENT IN SPACE OF COSMIC RAYS AT ENERGIES ABOVE 0.5 MEV	1961
19630008986	LUNAR EXPLORATION PROGRAM	1961
19630009384	DEVELOPMENT OF CERAMIC FIBERS FOR REINFORCEMENT IN COMPOSITE MATERIALS	1961
19630009658	The Ranger Program	1961
19630009659	Ranger in the Lunar Program	1961
19630009660	The Ranger Spacecraft	1961
19630009661	Early Ranger Experiments	1961
19630009662	Preparing Ranger for Operations	1961
19630009664	The Ranger Lunar Capsule	1961
19630010213	ENGINEERING ASPECTS OF FATIGUE CRACK PROPAGATION	1961
19630010367	EXPRESSING MASS UNBALANCE	1961
19630010657	HEAT-TRANSFER AND PRESSURE MEASUREMENTS OF A 1/7-SCALE MODEL OF A MERCURY CAPSULE AT ANGLES OF ATTACK FROM 3 DEG TO & OR - 20 DEG AT MACH NUMBERS OF 3.50 AND 4.44	1961
19630011174	THE EXPANSION OF A PLASMA COLUMN IN A LONGITUDINAL MAGNETIC FIELD	1961
19630011373	Selection of Power Requirements for Nuclear-Electric Spacecraft Missions	1961
19630011449	A new series of advanced-temperature nickel-base alloys	1961
19630016131	Current Trends in Fatigue Tests of Aircraft	1961
19630017967	Experiments on Steady-State High-Density Plasma Acceleration	1961
19630019751	Is Aerodynamics Breaking an Ionic Barrier	1961
19630030452	DUAL PROBE FOR HIGH-TEMPERATURE-GAS MEASUREMENTS <FINAL REPORT, JAN.-MAY 1961<	1961
19630030454	RESEARCH ON INTERMOLECULAR FORCES AND THE TRANSPORT PROPERTIES OF GASES	1961
19630030635	DETERMINATION OF THE DEGREE OF SOLAR CORONA POLARIZATION BY THE OBSERVATIONS OF THE SOLAR ECLIPSE OF JUNE 30, 1954	1961
19630030636	POLARIZATION OF THE OUTER CORONA ACCORDING TO AIRCRAFT OBSERVATIONS OF THE SOLAR ECLIPSE OF 15 FEBRUARY 1961	1961
19630030804	A-8 CELESTIAL TRACKER PERFORMANCE SPECIFICATION	1961
19630030996	INFRARED RADIANCE OF SKY-SEA HORIZONS	1961
19630031034	DEVELOPMENT OF HIGH-TEMPERATURE STRAIN-GAGE BONDING MATERIALS CURABLE AT LOW TEMPERATURES <FINAL REPORT, FEB. 1960-JULY 1961<	1961
19630031212	SCHIFF'S CHARGES AND CURRENTS IN ROTATING MATTER	1961
19630031234	FLIGHT SIMULATION OF ORBITAL AND REENTRY VEHICLES. PART V - SIMULATION OF AIRFRAME DYNAMICS FOR DYNA-SOAR TYPE VEHICLES /U/ <FINAL REPORT, MAY 1961 - NOV. 1962<	1961
19630031527	MASS SPECTROMETRIC MEASUREMENTS OF GAS COMPOSITION OF THE EARTH ATMOSPHERE BY MEANS OF ROCKETS AND SATELLITES	1961
19630031530	PRELIMINARY RESULTS OF INVESTIGATION OF SUN'S X-RAY RADIATION WITH THE HELP OF ROCKETS AND SPACESHIPS	1961
19630031536	RESEARCH INTO THE INFLUENCE OF HIGH FREQUENCY ELECTROMAGNETIC FIELD ON HUMAN BODY	1961
19630031601	GENERAL FLIGHT TEST PLAN, SCIENTIFIC PASSENGER POD PROGRAM, ATLANTIC MISSILE RANGE	1961
19630031607	ARTIFICIAL SODIUM CLOUDS. MULTIPLE DIFFUSION OF RESONANCE	1961
19630031608	A CHEMICAL EXPLOSION PRODUCED IN THE HIGH ATMOSPHERE	1961
19630031663	ON THE THEORY OF ISOTOPE EFFECTS ON THE VAPOR PRESSURE OF SOLIDS	1961
19630031666	RADIANT TRANSFER THROUGH A GRAY GAS BETWEEN CONCENTRIC CYLINDERS USING MONTE CARLO	1961
19630031749	THE THREE-DIMENSIONAL BOUNDARY LAYER ON A BODY OF REVOLUTION AT SMALL INCIDENCE AND ITS STABILITY	1961
19630031782	[No Title]	1961
19630031882	Diamonds in the Dyalpur Meteorite	1961
19630031937	AN ASSESSMENT OF MANUFACTURING METHODS DEVELOPMENT REQUIREMENTS IN SEMICONDUCTOR DEVICES	1961
19630031938	AN ASSESSMENT OF MANUFACTURING METHODS DEVELOPMENT REQUIREMENTS IN NON-MICROWAVE ELECTRON TUBES	1961
19630031939	AN ASSESSMENT OF MANUFACTURING METHODS DEVELOPMENT REQUIREMENTS IN MICROWAVE TUBES	1961
19630031940	AN ASSESSMENT OF MANUFACTURING METHODS DEVELOPMENT REQUIREMENTS IN RESISTORS	1961
19630031941	AN ASSESSMENT OF MANUFACTURING METHODS DEVELOPMENT REQUIREMENTS IN CAPACITORS	1961
19630031942	AN ASSESSMENT OF MANUFACTURING METHODS DEVELOPMENT REQUIREMENTS IN SINGLE CRYSTALS	1961
19630031943	AN ASSESSMENT OF MANUFACTURING METHODS DEVELOPMENT REQUIREMENTS IN MAGNETIC MATERIALS	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031944	AN ASSESSMENT OF MANUFACTURING METHODS DEVELOPMENT REQUIREMENTS IN MICROELECTRONICS AND ELECTRONIC PHOTOGRAPHY	1961
19630032064	ADVANCED TECHNOLOGY FOR PROPULSION SYSTEMS, VOLUME I /U/ GENERAL TECHNICAL FINAL REPORT	1961
19630032138	[No Title]	1961
19630032194	BULLETIN OF THE THIRD MEETING OF THE JOINT ARMY-NAVY-AIR FORCENASA-ARPA LIQUID PROPELLANT GROUP, MIAMI, FLORIDA, NOVEMBER 7-9, 1961. ADDENDUM'	1961
19630032207	REPORT BY THE COMMITTEE ON MATERIALS ASPECTS OF AUXILIARY POWER UNITS FOR USE IN SPACE VEHICLES	1961
19630032277	THE ANALYTIC SOLUTION FOR DENSITY DISTRIBUTION IN PLANETARY EXOSPHERE	1961
19630032307	ANALYSIS OF THE ENERGY DEPENDENCE OF THE ISOMER RATIO IN THE SN SUPER 120 /P,A/ IN SUPER 117,117 SUPER M REACTION	1961
19630032523	ORIENTED CELLULAR STRUCTURE PROPELLANT SYSTEMS OF VERY HIGH IMPULSE /PROJECT "BEEHIVE"/ /U/ SEMI-ANNUAL TECHNICAL REPORT NO. 8, APR. 6 - DEC. 21, 1961	1961
19630032624	ANALYSIS OF STRESS AT SEVERAL JUNCTIONS IN PRESSURIZED SHELLS	1961
19630032664	BEAM CURRENT MEASURING DEVICE FOR ION ENGINE RESEARCH	1961
19630032666	The Second Phase of the Italian Program for Research with the Aid of Sounding Rockets	1961
19630032672	HANDBOOK OF INSTRUCTIONS FOR MATTS. TRACKING SITE DATA HANDLING EQUIPMENT	1961
19630032673	HANDBOOK OF INSTRUCTIONS FOR MATTS. COMPUTER SITE EQUIPMENT FINAL REPORT	1961
19630032674	HANDBOOK OF INSTRUCTIONS FOR MATTS. AIRBORNE SIGNAL SOURCES	1961
19630032717	SPACE TELEMETRY SUMMARY SCIENTIFIC REPORT, APR. 25, 1960 - JUNE 30, 1961	1961
19630032718	PRECESSION RATES FOR AN ARTIFICIAL SATELLITE	1961
19630032861	SUPERSONIC TRANSPORT PILOTING AND OPERATIONAL PROBLEMS	1961
19630032895	A GROUND ENVIRONMENT FOR THE APOLLO MISSION	1961
19630033629	CALCULATION OF FLOW FIELDS AND ELECTRON DENSITIES FOR PROJECT RAM VEHICLES	1961
19630033765	ICE-FROST FORMATION ON CRYOGENIC CONTAINERS	1961
19630033768	EVALUATION OF SPERRY ULTRASONIC PARTICLE COUNTER	1961
19630033798	QUANTUM MECHANICAL SOLUTIONS OBTAINED BY TRUNCATED REACTION OPERATORS	1961
19630033814	SATURN C-1 - THREE STAGE CONFIGURATION- POWERED TRAJECTORY PORTIONS FOR REENTRY TEST FLIGHTS SIMULATING RETURN FROM CIRCUMLUNAR FLIGHTS	1961
19630033816	Studies of Pilot Abort From Saturn C-2 Trajectories	1961
19630034008	CATEGORY I ACCEPTANCE TEST OF AIR TRAFFIC CONTROL CENTRAL AN/GSN-11	1961
19630034020	THE MICROMETEOROID SATELLITE S-55	1961
19630034021	COMMUNICATIONS SATELLITES- SUPPLEMENTAL INFORMATION ON THE COST ESTIMATES GIVEN IN RESEARCH MEMORANDUM RM-2709-NASA	1961
19630034121	THE CONTRIBUTION OF ABSORPTION LINES TO THE OPACITY OF MATTER IN STELLAR INTERIORS	1961
19630034358	INSTRUMENTATION OPERATIONS ANALYSIS - ATLAS-AGENA VEHICLE RA-1	1961
19630034394	RADIATION AND CONVECTION IN HIGH ENERGY LIQUID PROPELLANT ROCKET ENGINES	1961
19630034395	An Investigation of Heat Transfer to Fluids Flowing in Pipes Under Supercritical Conditions	1961
19630034442	INVESTIGATIONS OF CARBIDES AS CATHODES FOR THERMIONIC SPACE REACTORS QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING AUG. 31, 1961	1961
19630034727	OPERATIONS PLAN 5-61- /S-55/ MICROMETEOROID HAZARD SATELLITE	1961
19630034954	A STUDY OF SATELLITE SYSTEMS FOR CIVIL COMMUNICATIONS	1961
19630034955	COMMUNICATION COVERAGE DIAGRAMS FOR NON-EQUATORIAL ORBITS APPENDIX I	1961
19630034956	COMMUNICATION SYSTEMS WITH CIRCULAR EQUATORIAL ORBITS, APPENDIX 2	1961
19630034957	COMMUNICATION PROBABILITIES FOR SATELLITES RANDOMLY DISTRIBUTED IN A CIRCULAR EQUATORIAL ORBIT, APPENDIX 3 (IN ITS STUDY OF SATELLITE SYSTEMS FOR CIVIL COMMUNICATIONS)	1961
19630034958	SOME PERTURBATIONS OF SATELLITE ORBITS, APPENDIX 4	1961
19630034959	ATTITUDE STABILISATION BY PASSIVE AND SEMI-PASSIVE METHODS, APPENDIX 5	1961
19630034960	RADIATION TORQUES ON A COMMUNICATION SATELLITE, APPENDIX 6	1961
19630034961	DERIVING ORBIT PARAMETERS FOR A SATELLITE IN A CIRCULAR EQUATORIAL ORBIT AT 6000 N MILES HEIGHT, APPENDIX 7	1961
19630034962	SENSORS FOR ACTIVE CONTROL OF SATELLITE ATTITUDE APPENDIX 8	1961
19630034963	CONTROL DURING ORBIT ADJUSTMENT, APPENDIX 9	1961
19630034964	THERMAL BALANCE OF SOLAR PADDLES AND ELECTRICAL POWER SUPPLY, APPENDIX 10	1961
19630034965	THE MAINTENANCE OF A RESTRICTED TEMPERATURE RANGE IN A SATELLITE INSTRUMENT PACKAGE, APPENDIX II	1961
19630034966	SATELLITE INSTRUMENTATION, APPENDIX 12	1961
19630035100	SOLID PROPELLANT IGNITER DESIGN HANDBOOK	1961
19630035404	SATURN- OPERATIONAL FLIGHT CONTROL SCHEME. CONCEPTUAL STUDY. VOLUME III. MALFUNCTION ANALYSIS SUMMARY REPORT	1961
19630035412	COEFFICIENTS OF THE EMPIRICAL POLYNOMIALS FOR THE PATRICK REFERENCE ATMOSPHERE	1961
19630035488	Deleted record	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035490	APPLICATIONS OF STORED ENERGY AND MAGNETOMOTIVE FORCE IN ORBITAL OPERATIONS	1961
19630035579	A NEAR OPTIMUM SINGLE-TUNED FILTER BANK FOR RECOVERING TONE BURST TELEMETRY SIGNALS	1961
19630035696	THE PERMEATION OF HYDROGEN THROUGH CONSTRUCTIONAL MATERIALS TOPICAL REPORT, FEB. 1 - NOV. 30, 1961	1961
19630035734	A POSSIBLE INERTIAL OSCILLATION OF THE EQUATORIAL STRATOSPHERE	1961
19630035746	Asd/mds sampled data reduction and digital storage for saturn final report	1961
19630035750	H-1 SLED TEST PROGRAM FINAL REPORT	1961
19630035760	SAFETY AND DESIGN CONSIDERATIONS FOR STATIC TEST AND LAUNCH OF LARGE SPACE VEHICLES	1961
19630036135	The International Meteorological Satellite Workshop Abstracts and Figures Of Lectures, November 13 - 22, 1961	1961
19630036652	MICROMETEORITE DISTRIBUTION NEAR THE EARTH	1961
19630037118	MECHANICAL DESIGN PROBLEMS ENCOUNTERED DURING ION-ROCKET DEVELOPMENT	1961
19630037147	EVALUATION OF REGENERATIVE FUEL CELL	1961
19630037148	Research and Development Covering Techniques for Fabrication of Solar Concentrators	1961
19630037149	Evaluation of Regenerative Fuel Cell	1961
19630037402	Asm-13 Antenna Pattern Measurements at the Deep Space Instrumentation Facility, Goldstone, California	1961
19630037409	Mass Spectrometer for Upper Air Measurements	1961
19630037487	A Digital Non-Linear Function Generator Operating with Absolute Digital Data	1961
19630037801	Radar Exploration of Venus- Goldstone Observatory Report for March - May 1961	1961
19630037890	SOLAR ENERGY THERMIONIC CONVERSION SYSTEM	1961
19630038186	Injection Locations of Lunar Trajectories for Various Launch Sites	1961
19630039009	Variation of Parameters for Elliptic and Near Circular Orbits	1961
19630039107	Requirements for Artificial Gravity During Prolonged Space Flight - Impact on Vehicular Design and Operation	1961
19630039387	JPL RANGE AND DOPPLER SYSTEM	1961
19630039712	LOW TEMPERATURE MECHANICAL PROPERTIES OF SEVERAL ALUMINUM ALLOYS AND THEIR WELDMENTS	1961
19630039744	LOW TEMPERATURE MECHANICAL PROPERTIES 202 STAINLESS STEEL PARENT METAL AND WELDMENTS	1961
19630039745	Compatibility of Engineering Materials with Liquid Oxygen	1961
19630039747	SUB-COOLING OF CRYOGENIC LIQUIDS BY INJECTION OF NON-CONDENSING GAS	1961
19630039750	TEMPERATURE CONTROL OF THE S-30 PAYLOAD EXPLORER VIII	1961
19630039769	A NEW APPROACH TO THE SOLUTION OF QUASI- UNSTEADY STATE FLOWS USING RIEMANN VARIABLES	1961
19630039890	FLOWMETER EVALUATION AND DEVELOPMENT PROGRESS REPORT	1961
19630039996	ACCOUSTICAL CONSIDERATIONS IN THE PLANNING AND OPERATION OF LAUNCHING AND STATIC TEST FACILITIES FOR LARGE SPACE VEHICLES. PHASE I	1961
19630040005	POLYTECHNIC INST., BLACKSBURG NONLINEAR FIRST APPROXIMATION THIN SHELL AND MEMBRANE THEORY	1961
19630040220	APPARATUS FOR DETERMINATION OF PRESSURE-DENSITY-TEMPERATURE RELATIONS AND SPECIFIC HEATS OF HYDROGEN TO 350 ATMOSPHERES AT TEMPERATURES ABOVE 14 DEG K	1961
19630040234	FLOWMETER - EVALUATION	1961
19630040249	First Launch of Saturn SA-1 Scheduled	1961
19630040387	Saturn Launch Complex 34	1961
19630040389	Saturn Project Background and Vehicle Fact Sheet	1961
19630040625	AUTOMATIC FAULT DETECTION IN COMBINATIONAL SWITCHING NETWORKS	1961
19630040636	Subcooled Boiling in a Negligible Gravity Field	1961
19630040638	WEIGHTED PCM	1961
19630040722	Measurements of Sheath Currents and Equilibrium Potential on the Explorer 8 Satellite	1961
19630040741	Saturn C-3 Launch Facilities Study	1961
19630041159	THEORETICAL HEAT BALANCE STUDY OF A MANNED ORBITAL SPACE STATION	1961
19630041204	RESEARCH IN SPACE SCIENCE	1961
19630041209	Effects of Space Environment upon Plastics and Elastomers	1961
19630041283	ROCKET MEASUREMENTS OF THE UPPER IONOSPHERE BY A RADIO PROPAGATION TECHNIQUE	1961
19630041656	Buckling of Thin Shells	1961
19630041782	LUNAR EXPLORATION VEHICLES AND EQUIPMENT	1961
19630041838	TELEPHONE LINE TRANSMISSION OF TELEMETRY DATA	1961
19630041864	Satellite Situation Report Vol 1. No. 19	1961
19630041866	SATELLITE SITUATION REPORT, VOLUME 1, NO. 10	1961
19630041867	SATELLITE SITUATION REPORT, VOLUME I, NO. 13	1961
19630041868	SATELLITE SITUATION REPORT, VOLUME 1, NO. 8	1961
19630041887	The Soaring Reliability Index and Its Use in Sailplane Design	1961
19630041904	EFFICIENCY OF FISSION ELECTRIC CELLS	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630041958	A STUDY OF MANNED NUCLEAR-ROCKET MISSIONS TO MARS	1961
19630041960	Satellite Situation Report, Volume 1, No. 4	1961
19630041976	Radiation Observations with Satellite 1958 Alpha /Explorer I/	1961
19630042015	IMPROVEMENTS OF THE MODEL ATMOSPHERE	1961
19630042017	METEOROLOGICAL MEASUREMENTS FROM THE TIROS SATELLITES	1961
19630042022	THE NIMBUS SATELLITE AND ITS COMMUNICATION SYSTEM	1961
19630042024	Space Programs Summary No. 37-9, Volume I	1961
19630042047	THE POSITIONS OF THE BAKER-NUNN CAMERA STATIONS	1961
19630042053	Satellite Situation Report	1961
19630042054	Satellite Situation Report	1961
19630042055	Satellite Situation Report	1961
19630042056	Satellite Situation Report	1961
19630042057	SATELLITE SITUATION REPORT, VOLUME 1, NO. 15	1961
19630042059	Electron Distribution Function of a Weakly Ionized Gas in a Magnetic Field and a Time-Dependent Electric Field	1961
19630042065	CATALOGUE OF SATELLITE OBSERVATIONS, NO. C-20	1961
19630042079	ASTRONAUTICS INFORMATION- RADIOMETRY AND PHOTOMETRY OF THE MOON AND PLANETS	1961
19630042080	SATELLITE SITUATION REPORT, VOLUME 1, NO. 9	1961
19630042081	America's International Cooperation in Space Exploration	1961
19630042088	RESEARCH IN SPACE SCIENCE. THE EFFECT OF RADIATION PRESSURE ON THE SECULAR ACCELERATION OF SATELLITES	1961
19630042090	RADIATION DAMAGE TO SILICON SOLAR CELLS	1961
19630042107	RESEARCH IN SPACE SCIENCE. CATALOGUE OF SATELLITE OBSERVATIONS	1961
19630042137	PHYSICS OF ROCKETS	1961
19630042145	SPACE-SCIENCE ACTIVITIES IN THE UNITED STATES SPACE PROGRAMME	1961
19630042164	TEMPERATURE CONTROL OF THE S-15 PAYLOAD EXPLORER XI	1961
19630042168	Is the Martian Blue Haze Produced by Solar Protons?	1961
19630042209	THE IONOSPHERE DIRECT MEASUREMENTS SATELLITE INSTRUMENTATION EXPLORER VIII	1961
19630042210	SPACE PROGRAMS SUMMARY NO. 37-10, VOLUME I FOR THE PERIOD MAY 1, 1961 TO JULY 1, 1961	1961
19630042267	Conference on Medical Results of the First U.S. Manned Suborbital Space Flight	1961
19630042269	Flight Plan for the MR-3 Manned Flight	1961
19630042270	Mercury Spacecraft Systems	1961
19630042277	Pilot's Flight Report, Including In-Flight Films	1961
19630042360	MEASUREMENT OF COMPOSITION AND ENERGY SPECTRUM OF PRIMARY COSMIC RADIATION	1961
19630042381	Re-Entry from Space	1961
19630042386	DYNAMIC ENVIRONMENTAL TESTING AND TRANSMISSIBILITY STUDY- P-21	1961
19630042416	SATELLITE SITUATION REPORT. VOLUME I, NO. 7	1961
19630042417	SATELLITE SITUATION REPORT. VOLUME I, NO.20	1961
19630042425	Satellite Situation Report	1961
19630042427	SATELLITE SITUATION REPORT, VOL. I, NO. 22	1961
19630042428	SATELLITE SITUATION REPORT, VOL. I, NO. 21	1961
19630042429	SATELLITE SITUATION REPORT, VOL. I, NO. 23	1961
19630042431	Research Summary No. 36-7, Volume II	1961
19630042481	AN ELECTRONIC SYSTEMS CONCEPT FOR THE APOLLO VEHICLE	1961
19630042511	THE APERTURE EFFICIENCY OF LARGE PARABOLOIDAL ANTENNAS AS A FUNCTION OF THEIR FEED-SYSTEM RADIATION CHARACTERISTICS	1961
19630042699	Optimization of Condensing Temperature for Nuclear Turboelectric Space Power Plant	1961
19630042735	NOTES ON CONFERENCE ON PROPERTIES OF ALKALI METALS HELD AT BATTELLE MEMORIAL INSTITUTE, APRIL 24, 1961	1961
19630042752	Effects of Sterilizing Agents on Microorganisms. Literature Search No. 260	1961
19630042766	PRELIMINARY EVALUATION OF A SNAP-III THERMOELECTRIC GENERATOR FOR SPACECRAFT SECONDARY POWER	1961
19630042871	Parameter Study of Insertion Conditions for Lunar Missions Including Various Trajectory Considerations	1961
19630042955	OF ENGINEERING RESEARCH CHARACTERISTICS OF INTERNATIONAL COMMUNICATIONS OF THE UNITED STATES RESEARCH	1961
19630042999	PRELIMINARY STUDY OF DIGITAL COMPUTERS IN CONTINUOUS CONTROL PROBLEMS	1961
19630043091	THE ECONOMIC POTENTIAL OF COMMUNICATION SATELLITES	1961
19630043104	ASTRONAUTICS INFORMATION. LITERATURE SEARCH NO. 308, ELECTRETS	1961
19630043143	CATHODE DEVELOPMENT STUDIES FOR THE MARSHALL SPACE FLIGHT CENTER	1961
19630043160	ASTRONAUTICS INFORMATION- THE FIRST MAN IN SPACE. SOVIET RADIO AND NEWSPAPER REPORTS ON THE FLIGHT OF THE SPACESHIP, VOSTOK	1961
19630043161	ASTRONAUTICS INFORMATION- FOURTH SOVIET SPACESHIP-SATELLITE <PER> PRAVDA, MARCH 10-12, 1961	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630043162	ASTRONAUTICS INFORMATION- FIFTH SOVIET SPACESHIP-SATELLITE, SOVIET NEWS COVERAGE, MARCH 26-28, 1961	1961
19630043167	Some Results of the NASA Space Flight Programs in 1960-61	1961
19630043200	Mercury Redstone 3 Press Conference. News Release	1961
19630043210	DEPT. HEAT TRANSFER DEVELOPMENT PROGRAM MONTHLY PROJECT	1961
19630043211	HEAT TRANSFER DEVELOPMENT PROGRAM - SPACE POWER OPERATION MONTHLY PROJECT	1961
19630043215	Tape of the Press Conference Following the Launch of Mercury - Redston No. 2	1961
19630043217	Mercury - Atlas 3 Spacecraft Flight Test	1961
19630043234	Press Kit for the Second Manned Mercury Suborbital Launch, Mercury-Redstone 4, or "Liberty Bell"	1961
19630043252	THE CONCEPTUAL DESIGN OF A NUCLEAR-ELECTRIC POWER SPACECRAFT FOR THE EXPLORATION OF JUPITER	1961
19630043258	MODULATION BROADENING OF UNSATURATED LORENTZIAN LINES	1961
19630043259	A SWEEP-FREQUENCY RADIOMETER FOR TERRESTRIAL AND PLANETARY ATMOSPHERES	1961
19630043371	Study of a Paraglider Landing System for the Apollo Command Module	1961
19630043375	THE EFFECT OF PROPELLANT SLOSHING ON THE STABILITY OF AN ACCELEROMETER CONTROLLED RIGID SPACE VEHICLE	1961
19630043387	Communications with Lunar Probes	1961
19630043388	Interplanetary Trajectories and Payload Capabilities of Advanced Propulsion Vehicles	1961
19630043494	On the Motion of a Slender Rigid Body Caused by a Small Torque	1961
19630043536	Explorer XII Test Stand Data Reduction Equipment Manual	1961
19630043538	GENERAL THEORY OF COLLISION - BROADNING OF SPECTRAL LINES	1961
19630043540	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION NEWS CONFERENCE, JULY 22, 1961, COCOA BEACH, FLORIDA	1961
19630043545	MECHANICAL PROPERTIES OF 2000 SERIES ALUMINUM ALLOYS AT CRYOGENIC TEMPERATURES	1961
19630043546	LAMINAR FLOW CONTROL PROGRAM <SCIENTIFIC ADVISORY BOARD AEROSPACE VEHICLES PANEL MEETING HELD AT THE NORTHROP NORAIR ENGINEERING CENTER ON 9 NOVEMBER 1961<	1961
19630043547	LOW DRAG BOUNDARY LAYER SUCTION EXPERIMENTS AT SUPERSONIC SPEEDS	1961
19630043548	INFLUENCE OF ACOUSTICAL DISTURBANCES ON THE BEHAVIOR OF A SWEEP LAMINAR SUCTION WING	1961
19630043549	LFC DEMONSTRATION AIRPLANE PROGRAM STATUS	1961
19630043550	WING GEOMETRY AND SUCTION DISTRIBUTION OF LFC DEMONSTRATION AIRPLANE	1961
19630043551	LAMINAR FLOW CONTROL DESIGN APPLICATION STUDIES	1961
19630043556	STRUCTURAL FLIGHT LOADS DATA FROM B-52 BOMBER OPERATIONS <OCT. 1958 - DEC. 1959 AND NOV. 1958 - JAN. 1960<	1961
19630043557	THE ANALYSIS OF RANDOM VIBRATION RECORDED IN GUIDED MISSILES	1961
19630043558	EVALUATION OF SOLID PROPELLANTS AND SOLID-PROPELLANT SYSTEMS FOR SPACE APPLICATION SECOND QUARTERLY REPORT	1961
19630043559	FADING, MULTIPATH AND DIRECTION OF ARRIVAL STUDIES FOR HIGH FREQUENCY COMMUNICATION	1961
19630043560	NBS COURSE IN RADIO PROPAGATION. TROPOSPHERIC PROPAGATION THREEWEEK COURSE, JULY 31 - AUG. 18, 1961	1961
19630043561	THREE-WEEK COURSE IN RADIO PROPAGATION - JULY 31 - AUGUST 18, 1961 - IONOSPHERIC PROPAGATION	1961
19630043562	THE EFFECTS OF RADIATION ON SILICONE RUBBERS TECHNICAL REPORT	1961
19630043566	PROJECT TEAS- RESEARCH PLANNING FOR FUTURE STRATEGIC CONTROL SYSTEMS /U/ FINAL SUMMARY REPORT	1961
19630043569	QUARTERLY STATUS REPORT NO. 7, 1 JULY 1961 - 30 SEPTEMBER 1961 <CHEMILUMINESCENCE OF THE UPPER ATMOSPHERE<	1961
19630043571	CRASH INJURY INVESTIGATION- HU-1A BELL IROQUOIS HELICOPTER ACCIDENT, FORT CARSON, COLORADO, 10 AUGUST 1961	1961
19630043572	STUDY OF REAL GAS EFFECTS SEMI-ANNUAL STATUS REPORT	1961
19630043576	RESEARCH ON THE USE OF ELECTRONIC AND MECHANICAL APPARATUS AND INSTRUMENTATION FOR ROCKETS AND SATELLITES QUARTERLY STATUS REPORT FOR THE PERIOD 1 MAR. TO 31 MAY 1961	1961
19630043579	DEVELOPMENT OF TRANSISTORIZED MINIATURE FIFTEEN-CHANNEL PULSE-TIME TELEMETER TRANSMITTING SET INFORMAL QUARTERLY PROGRESS REPORT FOR THE PERIOD JAN. 1, 1961 THROUGH MAR. 31, 1961	1961
19630043581	RESIDUE NUMBER SYSTEMS FOR COMPUTERS	1961
19630043584	HYPERSONIC FLOW FIELDS AND WAVE PROPAGATION, APPLICATIONS AND EXPERIMENTS	1961
19630043585	GALLIUM ARSENIDE SOLAR CELLS	1961
19630043587	PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS SIXTH TECHNICAL SUMMARY REPORT	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630043588	FRICTION AND WEAR CHARACTERISTICS OF CERMETS AT HIGH TEMPERATURE AND HIGH VACUUM TECHNICAL REPORT <APR. 1, 1960 - MAR. 31, 1961<	1961
19630043590	DECOMPOSITION OF TUNGSTEN FROM THE VAPOR PHASE. TECHNICAL REPORT, SEPTEMBER 16 TO NOVEMBER 30, 1961	1961
19630043591	THE EFFECT OF COULOMB FRICTION ON THE FREQUENCY RESPONSE OF A STABILIZED PLATFORM CONTROL SYSTEM	1961
19630043592	DEVELOPMENT OF TRANSISTORIZED MINIATURE FIFTEEN-CHANNEL PULSETIME TELEMETER TRANSMITTING SET INFORMAL QUARTERLY PROGRESS REPORT NO. 3, APRIL 1, 1961 THROUGH JUNE 30, 1961	1961
19630043594	LARGE PLASTIC ROCKET MOTOR CASES INTERIM TECHNICAL PROGRESS REPORT, 5 MARCH - 31 MAY 1961	1961
19630043595	FABRICATION OF LARGE DIAMETER TITANIUM PRESSURE VESSELS BY THE SPIRAL WRAP METHOD REPORT NO. 4, COVERING THE PERIOD 1 JULY 1961 THROUGH 30 SEPTEMBER 1961	1961
19630043600	NUCLEAR ROCKET PARAMETRIC STUDIES. VOLUME VI- STARTING AND CONTROL CHARACTERISTICS OF NUCLEAR ROCKET ENGINES, FINAL REPORT	1961
19630043601	A NOTE ON THE HYPERSONIC FLOW PAST FLAT-FACED AXISYMMETRIC BODIES AERONAUTICAL REPORT	1961
19630043602	APPROXIMATE CALCULATION OF THE INTERNAL PARTITION FUNCTIONS OF A, A&, AND A&& IN THE TEMPERATURE RANGE 4,000 DEG K TO 50,000 DEG K	1961
19630043605	THE RELATION BETWEEN TORQUE AND TENSION FOR HIGH STRENGTH THREADED FASTENERS	1961
19630043606	NOTES ON THE USE OF MATERIALS UNDER AERODYNAMIC HEATING CONDITIONS	1961
19630043608	THE MOSSBAUER EFFECT APPLIED TO THE MEASUREMENT OF THE VELOCITY OF LIGHT	1961
19630043613	FABRICATION OF LARGE DIAMETER TITANIUM PRESSURE VESSELS BY THE SPIRAL WRAP METHOD REPORT NUMBER 3A COVERING THE PERIOD APRIL 1 THROUGH JUNE 30, 1961	1961
19630043614	FABRICATION OF LARGE DIAMETER TITANIUM PRESSURE VESSELS BY THE SPIRAL WRAP METHOD REPORT NO. 4A, COVERING THE PERIOD JULY 1 THROUGH SEPTEMBER 30, 1961	1961
19630043616	FATIGUE CRACK PROPAGATION IN ALUMINUM SINGLE CRYSTALS TECHNICAL REPORT <MAR. 1960 - NOV. 1961<	1961
19630043617	SOME STRUCTURAL DAMPING TECHNIQUES, MATERIALS AND APPLICATIONS	1961
19630043618	OPTIMUM FILAMENT WOUND COMPOSITES	1961
19630043624	PRELIMINARY EVALUATION OF A CONCEPT FOR A MEANS OF MEASURING WIND VELOCITY PROFILES TECHNICAL REPORT	1961
19630043625	FUNGAL GROWTHS IN AVIATION FUEL SYSTEMS, PART I	1961
19630043626	RESEARCH ON THE LUBRICANT FOR A MACH 4 CLASS ENGINE QUARTERLY PROGRESS REPORT II /JUNE 1 - AUG. 31, 1961/	1961
19630043628	MECHANICAL PROPERTIES OF AN ALPHA TITANIUM ALLOY AT CRYOGENIC TEMPERATURES	1961
19630043629	THERMAL CONDUCTIVITY OF SEMICONDUCTIVE SOLIDS, METHOD FOR STEADY-STATE MEASUREMENTS ON SMALL DISK REFERENCE SAMPLES TECHNICAL PROGRESS REPORT FOR PERIOD, JULY 1 TO SEPTEMBER 30, 1961	1961
19630043646	SUMMARY REPORT ON THE INFLUENCE OF FILLET RADIUS ON THE INSTABILITY OF COMPRESSION PANELS HAVING INTEGRALLY MACHINED UNFLANGED STIFFENERS	1961
19630043649	FLIGHT TESTS TO DETERMINE THE COEFFICIENTS OF FRICTION BETWEEN AN AIRCRAFT TYRE AND VARIOUS WET RUNWAY SURFACES. PART 3- TRIALS ON TREATED AND UNTREATED SECTIONS OF A BRUSHED CONCRETE RUNWAY AT R.A.F. STATION COLTISHALL	1961
19630043651	EX- PERIMENTS ON MHD CHANNEL FOR GENERATION OF ELECTRICAL POWER	1961
19630043653	PSYCHOPHYSIOLOGICAL FACTORS IN MAJOR USAF AIRCRAFT ACCIDENTS JAN. 1, 1959 - JUNE 30, 1960	1961
19630043658	THERMAL CONDUCTIVITY OF SEMICONDUCTIVE SOLIDS, METHOD FOR STEADYSTATE MEASUREMENTS ON SMALL DISC REFERENCE SAMPLES INTERIM TECHNICAL REPORT COVERING PERIOD FEBRUARY 23, 1959 TO MARCH 31, 1961	1961
19630043662	ANALYSIS OF UDOP MODIFICATIONS FOR THE DOWN RANGE SYSTEM	1961
19630043663	APPLICATION OF CERAMIC ADHESIVE-BRAZE ALLOY COMBINATION TECHNIQUE TO THE BONDING ASSEMBLIES PROGRESS REPORT NO. 2 COVERING THE PERIOD JULY 1 TO OCTOBER 1, 1961	1961
19630043665	LONGITUDINAL SPACING VARIABLES IN "3-2-1" PATTERNS FOR TOUCHDOWN ZONE LIGHTING FINAL REPORT	1961
19630043667	INFLUENCE OF SOLAR FLARE-TYPE EXPOSURE GEOMETRY ON ACUTE LETHALITY- TECHNICAL DISCUSSION AND PROPOSED STUDY	1961
19630043671	THERMAL DEGRADATION OF POLYMERIC MATERIALS. PART 3 - POLYPHENYL - ENES AND RELATED COMPOUNDS IN VACUUM	1961
19630043674	PRESSURE LOSS TESTS ON A MODEL OF A TURBINE VOLUTE TEST REPORT	1961
19630043680	THE SPECTRUM OF A MAZDA 2 KW XENON LAMP, TYPE XE	1961
19630043690	TRACKING OPERATIONS MEMORANDUM NO. 332-8- RANGER I	1961
19630043691	INVESTIGATION OF FLARE STARS AND NEBULAR VARIABLES FINAL REPORT	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630043695	HIGH TEMPERATURE GAS RECOMBINATION EFFECTS ON SUPERSONIC NOZZLE FLOW - THEORETICAL AND EXPERIMENTAL STUDY PROGRESS REPORT FOR THE PERIOD 2 DECEMBER 1960 TO 1 MARCH 1961	1961
19630043696	CRASH INJURY RESEARCH FINAL REPORT, 16 DECEMBER 1960 TO 15 SEPTEMBER 1961	1961
19630043698	NEEP- NUCLEAR ELECTRONIC EFFECTS PROGRAM SIXTH TRIANNUAL TECHNICAL NOTE, 1 NOVEMBER 1960 TO 28 FEBRUARY 1961	1961
19630043699	DEVELOPMENT OF RESILIENT SLIPPERS FOR HIGH-SPEED TRACK SLEDS FINAL REPORT <MAR.-JULY 1961<	1961
19630043700	9-CM OBSERVATIONS OF TAU A, VIR A, CEN A, SAG A, AND THE ORION AND OMEGA NEBULAS SCIENTIFIC REPORT NO. 17	1961
19630043703	CONFERENCE ON EXPERIMENTAL TESTS OF THEORIES OF RELATIVITY, STANFORD UNIVERSITY, JULY 20-21, 1961	1961
19630043706	DEVELOPMENT OF MAGNET WIRES CAPABLE OF OPERATION AT 850 DEG C AND UNDER NUCLEAR RADIATION INTERIM SCIENTIFIC REPORT NO. 3, 1 MARCH 1961 TO 30 JUNE 1961	1961
19630043707	RESEARCH ON THE LUBRICANT FOR A MACH 4 CLASS ENGINE QUARTERLY PROGRESS REPORT III, SEPTEMBER 1, 1961 - NOVEMBER 30, 1961	1961
19630043708	DEVELOPMENT OF SNAP 8. NUCLEAR POWER CONVERSION SYSTEM. MODEL AGAN-0010 <THIRD< QUARTERLY <PROGRESS REPORT<, 1 DECEMBER 1960 THROUGH 28 FEBRUARY 1961	1961
19630043709	FIRE-RESISTANT, HIGH-TEMPERATURE HYDRAULIC FLUIDS <SUMMARY TECHNICAL REPORT, 15 JUNE 1960 TO 15 NOV. 1961<	1961
19630043711	FACTORS AFFECTING DEGREE OF AUTOMATION IN TEST AND CHECKOUT EQUIPMENT	1961
19630043712	EVALUATION OF MATERIALS SYSTEMS FOR USE IN EXTREME THERMAL ENVIRONMENTS UTILIZING AN ARC-PLASMA-JET	1961
19630043715	PROJECT FEARLESS FOSDIC	1961
19630043716	DEVELOPMENT OF MICROBIOLOGICAL SLUDGE INHIBITORS <FINAL< TECHNICAL REPORT <APR. 1960 - APR. 1961<	1961
19630043717	OPERATIONAL CRITERIA FOR THE DESIGN OF MISSILE READINESS TESTING PROGRAMS AND EQUIPMENT	1961
19630043722	REPORT OF TEST PROJECT NR AVN 161 SERVICE TEST OF THE A0-1A AIRPLANE	1961
19630043723	DESCRIPTION OF THE DE HAVILLAND ANTENNA ERECTION UNIT	1961
19630043724	INVESTIGATION OF "ML" FILM INSULATED MAGNET WIRE, FINAL REPORT	1961
19630043725	FIRST CZECHOSLOVAK CONFERENCE ON ROCKET TECHNOLOGY AND ASTRONAUTICS /CESKOSLOVENSKA KONFERENCE O RAKETOV TECHNICE A ASTRONAUTICE/	1961
19630043728	REFRACTORY METALS STRUCTURAL DEVELOPMENT PROGRAM. VOLUME IIREFRACTORY ALLOY AND COATING DEVELOPMENT	1961
19630043729	DESIGN OF CUSHIONING SYSTEMS FOR AIR DELIVERY OF EQUIPMENT	1961
19630043736	VISCOELASTIC PROPERTIES OF SOLID PROPELLANTS AND PROPELLANT BINDERS QUARTERLY TECHNICAL SUMMARY REPORT NO. 1, JULY 1 - SEPT. 30, 1961	1961
19630043825	EFFECT OF MINOR SOLAR FLARES ATTENDED BY TYPE IV RADIOBURSTS	1961
19630043859	A CERAMIC GRID FOR HIGH POWER ELECTRON TUBES	1961
19630043860	THE THERMAL CONDUCTANCE OF SPACE VEHICLE INTERFACES - EXPERIMENTAL RESULTS	1961
19630043861	ENERGY CONVERSION IN LAMINAR MAGNETOHYDRODYNAMICCHANNEL FLOW	1961
19630043863	USE OF RAWIN SET AN/GMD-2 WITH RADIOSONDE SET AN/DMQ-6	1961
19630043864	METHOD OF MODIFIED DERIVATIVES	1961
19630043865	STUDIES OF ROTORCRAFT AERODYNAMIC PROBLEMS AIMED AT REDUCING PARASITE DRAG, ROTOR-AIRFRAME INTERFERENCE EFFECTS AND IMPROVING AIRFRAME STATIC STABILITY <FINAL REPORT, NOV. 1957 - SEPT. 1960<	1961
19630043866	RESULTS OF SCREENING TESTS ON RENE' 41 ALLOY FOR POSSIBLE USE IN THE AIRFRAME OF A TRISONIC TRANSPORT REPORT NO. 1	1961
19630043872	ARNOLD CENTER TEST FACILITIES HANDBOOK <THIRD EDITION<	1961
19630043877	DEVELOPMENT OF CATAPULT AIRCRAFT EJECTION SEAT, T 20 <JAN. 1957 - SEPT. 1959<	1961
19630043878	ON THE INTENSITIES OF THE EMISSION BANDS OF THE NIGHT SKY IN THE NEAR INFRARED	1961
19630043879	A NEW DETERMINATION OF THE ALTITUDE OF EMISSION OF THE GREEN LINE OF THE LIGHT OF THE NIGHT SKY BY VAN RHIJN'S METHOD	1961
19630043880	AUTOMATIC PHOTOMETERS FOR THE STUDY OF THE LIGHT OF THE NIGHT SKY	1961
19630043881	IMPROVEMENTS IN METHODS OF ALIGNMENT AND ORIENTATION OF ATOMIC SPINS USING OPTICAL PUMPING /PERFECTIONNEMENTS AUX METHODES D'ARIGNEMENT ET D'ORIENTATION DES SPINS ATOMIQUES PAR POMPAGE OPTIQUE/	1961
19630043882	A FABRY-PEROT INTERFEROMETER FOR STUDY OF THE GREEN LINE IN THE LIGHT OF THE NIGHT SKY	1961
19630043883	FINAL REPORT ON 3200 CPS ELECTRICAL POWER FEASIBILITY STUDY	1961
19630043885	DEVELOPMENT OF MODELS FOR ANALYSIS OF ACCELERATED-TEST DATA TO ELECTRONIC COMPONENT RELIABILITY CENTER MEMBERS RESEARCH REPORT NO. 3	1961
19630043887	POLYMER STRUCTURES AND PROPERTIES <PERIOD COVERED FEB. 1, 1960 TO APR. 30, 1961<	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630043888	SOME EXPERIMENTS ON THE CURE OF AN EPOXIDE-ANHYDRIDE SYSTEM. PART I. SOME PRELIMINARY PHYSICAL MEASUREMENTS	1961
19630043890	OBSERVATION OF NOCTURNAL ATMOSPHERIC LUMINESCENCE OF THE OXYGEN RED LINE	1961
19630043896	PERFORMANCE SUMMARY FOR THE SKYLARK SOUNDING ROCKET VEHICLE	1961
19630043897	SOUNDING ROCKET STUDY OF EIGHTEEN VEHICLES SUMMARY REPORT	1961
19630043898	PERFORMANCE SUMMARY FOR THE AEROBEE 100 SOUNDING ROCKET VEHICLE	1961
19630043900	PERFORMANCE SUMMARY FOR THE STRONGARM SOUNDING ROCKET VEHICLE	1961
19630043901	INVESTIGATION OF FEASIBILITY OF UTILIZING AVAILABLE HEAT RESISTANT MATERIALS FOR HYPERSONIC LEADING EDGE APPLICATIONS, VOLUME I, SUMMARY TECHNICAL REPORT FOR PERIOD JULY 1958 - NOV. 1960	1961
19630043904	INVESTIGATION OF FEASIBILITY OF UTILIZING AVAILABLE HEAT-RESISTANT MATERIALS FOR HYPERSONIC LEADING EDGE APPLICATIONS. VOLUME VIII - TESTS OF MOLYBDENUM AND GRAPHITE LEADING EDGE ASSEMBLIES	1961
19630043906	A NEW METHOD FOR PHOTOMETRIC STUDY OF THE MONOCHROMATIC EMISSION OF THE NIGHT SKY	1961
19630043908	[No Title]	1961
19630043917	OPERATIONAL ASTRONAUTICS THROUGH AIR LAUNCH	1961
19630043918	[No Title]	1961
19630043921	RESEARCH AND DEVELOPMENT TO ADVANCE THE STATE-OF-THE-ART OF FLUORINE HIGH-ENERGY PROPULSION SYSTEMS	1961
19630043924	[No Title]	1961
19630043925	[No Title]	1961
19630043926	[No Title]	1961
19630043927	[No Title]	1961
19630043930	Apollo Final Study Report Volume II - Selected Vehicle Design	1961
19630043931	Apollo Final Study Report Volume III: Supporting Design Analyses	1961
19630043932	Apollo Final Study Report Volume III - Supporting Design Analyses	1961
19630043979	Apollo Final Study Report Volume 1 - Summary	1961
19630044196	PREIMPREGNATED ROVING STUDY MONTHLY PROGRESS REPORT, 30 JUNE - 31 JULY 1961	1961
19630044198	THE BEND STRENGTH OF SINTERED ZIRCONIUM CARBIDE	1961
19630044200	DESIGNER'S GUIDE TO SPACE RADIATION EFFECTS <1961<	1961
19630044201	RADIATION SOURCES IN SPACE	1961
19630044202	RADIATION-DAMAGE MECHANISMS	1961
19630044203	RADIATION TERMINOLOGY AND MEASUREMENT	1961
19630044204	RADIATION-EFFECTS DATA TABLES	1961
19630044205	SPECIAL CORRELATIONS	1961
19630044210	SPECTROMETER SYSTEM FINAL ENGINEERING REPORT FOR AERONAUTICAL SYSTEMS	1961
19630044215	PRELIMINARY REPORT ON "FIX ES" FOR ACQUISITION-AID RECEIVERS	1961
19630044222	Study of Orbital Launch Operations	1961
19630044224	MISSION SIMULATORS FOR THE MERCURY SITES	1961
19630044225	TECHNICAL INFORMATION SUMMARY CONCERNING MERCURY-REDSTONE MISSION MR-4	1961
19630044226	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION AIR DENSITY-DRAG MEASUREMENTS SATELLITE /S-56A/	1961
19630044229	DEVELOPMENT OF A LUNAR CAPSULE SUBSYSTEM SEVENTH BI-MONTHLY TECHNICAL PROGRESS REPORT, APR. 24 - JUNE 15, 1961	1961
19630044231	ALIGNMENT PROCEDURES FOR ACQUISITION-AID ANGLE-TRACKING SYSTEM	1961
19630044234	SUCCESSFUL LAUNCHINGS OF ARTIFICIAL SATELLITES AND SPACE PROBES 1957 - 1961 SATELLITE AND SOUNDING ROCKET PROGRAMS	1961
19630044237	THE ORBITING GEOPHYSICAL OBSERVATORIES - BROCHURE FOR EXPERIMENTERS PRELIMINARY	1961
19630044238	OUTLOOK FOR MANNED SPACE VEHICLES	1961
19630044241	OPERATIONS PLAN 6-61- /S-3/ ENERGETIC PARTICLES SATELLITE	1961
19630044242	SOME STUDIES ASSOCIATED WITH RENDEZVOUS	1961
19630044245	SOME CONSIDERATIONS FOR TERRESTRIAL AND LUNAR RENDEZVOUS ORBITS	1961
19630044247	Biological Investigations of Space - BIOS Project Development Plan	1961
19630044248	EXPERIMENTAL EVIDENCE FOR THE PRESENCE OF HELIUM IONS BASED ON EXPLORER VIII SATELLITE DATA	1961
19630044253	SUPPLEMENTARY SET UP AND TEST OF THE ACTIVE ACQUISITION AID /AGAVE/ WITH RECOMMENDED PHYSICAL CHANGES	1961
19630044256	EXPERIMENTAL STUDY FOR DETECTION OF SIDE-LOBE TRACKING IN AN AN/FPS-16 RADAR	1961
19630044260	MERCURY ACQUISITION AID AZIMUTH DRIVE IMPROVEMENT	1961
19630044261	TECHNIQUES FOR THE EVALUATION OF SURVEILLANCE RADAR SYSTEMS	1961
19630044267	SOLID-STATE NASER RESEARCH FIFTH QUARTERLY REPORT, JUNE 20 - SEPT. 20, 1961	1961
19630044270	HOT WORK DIE STEEL /H-13/ FOR HIGH STRENGTH STRUCTURAL COMPONENTS	1961
19630044275	VARIABLE POWER FEEDBACK TELEMETRY SYSTEMS	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044276	SYNTHESIS OF A SIMPLE SHOCK ISOLATOR	1961
19630044277	SATURN C-2. OPERATIONAL MODES STUDY SUMMARY REPORT	1961
19630044281	ON THE PROBLEM OF NEON	1961
19630044282	ATMOSPHERIC ENVIRONMENT FOR MERCURY-REDSTONE 1A VEHICLE FLIGHT	1961
19630044284	SATURN SA-1 VEHICLE ELECTRICAL INTEGRATION	1961
19630044286	POTENTIAL COMMERCIAL APPLICATIONS OF NASA'S RESEARCH AND DEVELOPMENT	1961
19630044288	ATTITUDE SENSING AND CONTROL SYSTEMS	1961
19630044289	COMPILATION OF REFERENCES ON MICROBIOLOGICAL CONTAMINATION OF FUELS	1961
19630044292	OGO PROGRAM MONTHLY PROGRESS REPORT, 16 APR. - 15 MAY, <1961<	1961
19630044293	OGO PROGRAM MONTHLY PROGRESS REPORT, 16 JULY - 15 AUG. 1961	1961
19630044294	OGO PROGRAM MONTHLY PROGRESS REPORT, 16 MAY - 15 JUNE <1961<	1961
19630044295	OGO PROGRAM MONTHLY PROGRESS REPORT, 16 JUNE - 15 JULY 1961	1961
19630044296	OGO PROGRAM MONTHLY PROGRESS REPORT, 16 AUG. - 15 SEPT. 1961	1961
19630044297	AN EMPIRICAL METHOD FOR COMPUTATION OF RADIANT HEAT FLUX FROM ROCKET EXHAUST PLUMES	1961
19630044298	DEVELOPMENT TRENDS OF ASTRONAUTICAL ROCKET PROPULSION SYSTEMS INTERNAL NOTE	1961
19630044301	IONOSPHERIC STUDIES /INTERNATIONAL PROJECT U.K.-2/ S-52 PROJECT DEVELOPMENT PLAN	1961
19630044305	ON THE CONSEQUENCES OF A POSSIBLE OZONOSPHERE ON MARS	1961
19630044310	METALLURGICAL EXAMINATION OF HYDRAULIC ACCUMULATOR FAILURE	1961
19630044311	MASTER OPERATIONAL SCHEDULE. PART IV OF THE FIRING TEST REPORT JUNO II MISSILE AM-19G	1961
19630044313	FEASIBILITY PROGRAM FOR CONICAL SEGMENTED ROCKET MOTORS. VOLUME II- APPENDICES A, B, C, D AND E FOR SUPPLEMENT TO FINAL REPORT MAY 8, 1961	1961
19630044317	WHY SPACE TRAVEL/QUES/	1961
19630044320	PERTURBATION SOLUTION OF THE EQUATIONS OF INVISCID HYPERSONIC FLOW ABOUT A LIFTING DELTA WING	1961
19630044321	APOLLO GUIDANCE AND NAVIGATION- DEVELOPMENT CRITERIA FOR SPACE NAVIGATION GYROSCOPES	1961
19630044324	DRY FRICTION VIBRATION DAMPING, VOL. IV	1961
19630044325	SOME EFFECTS OF RUNWAY SLUSH AND WATER ON THE OPERATION OF AIRPLANES, WITH PARTICULAR REFERENCE TO JET TRANSPORTS	1961
19630044326	NASA RESEARCH AND DEVELOPMENT	1961
19630044327	MICROMETEOROID SATELLITE /S-55/	1961
19630044331	HIGH TEMPERATURE PROPERTIES OF SODIUM SECOND QUARTERLY REPORT	1961
19630044334	SATURN QUALITY SURVEY NO. 3, H-1 ENGINE S/N 1046, DISASSEMBLY AND ANALYSIS REPORT	1961
19630044337	STUDY OF SONOTONE CORPORATION NICKEL-CADMIUM SIZE F BATTERY CELLS FINAL REPORT	1961
19630044341	PRELIMINARY SITE SELECTION FOR NEW STATIC TEST FACILITY	1961
19630044342	SATELLITE TELEMETRY TECHNICAL MEMORANDUM NO. 7	1961
19630044343	ATMOSPHERIC ENVIRONMENT FOR JUNO II /AM-19F/ VEHICLE FLIGHT	1961
19630044346	THE NATIONAL SPACE PROGRAM. PHASE II- IMPLEMENTATION OF THE NATIONAL AERONAUTICS AND SPACE ACT OF 1958. A STUDY OF NASA'S FIRST TWO YEARS OF OPERATIONS WITH EMPHASIS ON THE PROGRAMING AND BUDGETING ASPECTS	1961
19630044351	ATMOSPHERIC ENVIRONMENT FOR JUNO II /AM-19E/ VEHICLE FLIGHT	1961
19630044352	MAGNETIC RADIATION SHIELDING	1961
19630044354	STUDY OF ORBITAL LAUNCH OPERATIONS, VOLUME II- DESIGN DATA INTERIM PROGRESS REPORT	1961
19630044355	ORBITAL LAUNCH OPERATIONS STUDY FINAL REPORT	1961
19630044357	RECOMMENDATIONS ON SHIELDING RESEARCH FOR MANNED SPACE VEHICLES	1961
19630044362	NIGHT VISION IN AND FROM THE MERCURY CAPSULE	1961
19630044363	INVESTIGATIONS OF PROPELLANT FEED SYSTEMS FOR ELECTROTHERMAL ENGINES	1961
19630044375	ARTIFICIAL COMET PRELIMINARY PROJECT DEVELOPMENT PLAN JUNE 1961	1961
19630044383	NOTE ON LEADING EDGE ATTACHMENT IN TRANSONIC FLOW WITH LAMINAR OR TURBULENT BOUNDARY LAYERS	1961
19630044384	A PRELIMINARY STUDY OF LARGE REGIONS OF SEPARATED FLOW IN A COMPRESSION CORNER	1961
19630044393	ELECTRON DENSITY PROFILE PROBE P-21	1961
19630044396	LAUNCH VEHICLES FOR COMMUNICATION SATELLITES	1961
19630044397	ERROR PROBABILITY AND THRESHOLD SIGNAL-TO-NOISE RATIO COMPARISON OF FSK AND PSK DIGITAL TELEMETRY SYSTEMS	1961
19630044398	ERROR PROBABILITY AND THRESHOLD SIGNAL-TO-NOISE RATIO COMPARISON OF FSK AND PSK DIGITAL TELEMETRY SYSTEMS IN THE PRESENCE OF FADING AND IMPULSIVE NOISE	1961
19630044399	A COMPARISON OF SOME PSK RADIO LINKS FOR SIMULTANEOUS TELEMETERING AND VEHICLE TRACKING	1961
19630044402	FINAL REPORT <BEHAVIOR OF CELL MEMBRANE MECHANISMS DURING AND FOLLOWING RADIATION<	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044407	SOME AERODYNAMIC PRINCIPLES FOR THE DESIGN OF SWEEPED WINGS	1961
19630044408	ELECTRON DENSITY IN THE IONOSPHERE QUARTERLY ENGINEERING PROGRESS REPORT NO. 9, JULY 20 - OCT. 19, 1961	1961
19630044409	STUDY ON LARGE LAUNCH VEHICLES UTILIZING SOLID PROPELLANTS FIRST PROGRESS REVIEW	1961
19630044412	COMMUNICATION SYSTEMS ANALYSIS FOR LIGHTWEIGHT ROVING LUNAR VEHICLE	1961
19630044413	NASA - SPACECONN OPERATIONS PLAN 2-61 /P-14/ MAGNETIC FIELD PROBE	1961
19630044414	REPORT ON PARTICIPATION IN COSPAR CONFERENCE IN FLORENCE, 1961	1961
19630044429	PROGRAM PROGRESS, WEAPON SYSTEM 133 A, 1 JULY THRU 30 SEPT. 1961, VOLUME II	1961
19630044434	EVALUATION OF PILOT MANUAL CONTROL DURING BOOST FLIGHT- DYNA-SOAR STEP I	1961
19630044441	DOWN-RANGE ANTI-MISSILE MEASUREMENT PROGRAM /U/ DAMP /U/ ELECTROMAGNETIC RESEARCH LABORATORY CROSS-SECTION MEASUREMENT DATA AVCO DECOY NO. 59-1263	1961
19630044443	A COMPILATION OF COMPONENT FIELD RELIABILITY DATA USEFUL IN SYSTEMS PRELIMINARY DESIGN	1961
19630044463	RESEARCH AND DEVELOPMENT OF ADVANCED SOLID PROPELLANT SYSTEMS /U/ QUARTERLY REPORT NO. 4, OCT. 1, 1960 - FEB. 22, 1961	1961
19630044498	SATELLITE STABILITY RESEARCH- STUDIES PERTAINING TO BAMB I /U/ FINAL REPORT, VOL. I	1961
19630044503	MILITARY MANNED SPACECRAFT STUDY	1961
19630044512	NASA PROGRAM PROGRESS REPORT <FOR< JANUARY, FEBRUARY, MARCH 1961	1961
19630044515	CHEMICAL RESEARCH AS RELATED TO ADVANCED SOLID PROPELLANTS /U/ REPORT NO. 11 - ANNUAL REPORT, 1 JAN. 1961 - 31 DEC. 1961	1961
19630044517	ADVANCED TECHNOLOGY FOR PROPULSION SYSTEMS /U/ FIFTH QUARTERLY PROGRESS REPORT FOR PERIOD ENDING 15 SEPT. 1961	1961
19630044533	LAUNCH VEHICLE SIZE AND COST ANALYSIS, PHASE I /U/ SUMMARY REPORT	1961
19630044534	HIGH ENERGY FUELS PROJECT /U/ INTERIM TECHNICAL ENGINEERING REPORT NUMBER 16, 1 JULY 1961 - 30 SEPT. 1961	1961
19630044535	FIRING SITE WEIGHT REPORT. PART III- MERCURY REDSTONE MR-2 /U/ FIRING TEST REPORT	1961
19630044541	NASA MONTHLY PROGRAM PROGRESS REPORT FOR JULY 1961	1961
19630044543	HIGH ENERGY FUELS PROJECT /U/ INTERIM TECHNICAL ENGINEERING REPORT NUMBER 17, 1 OCT. 1961 - 31 DEC. 1961	1961
19630044550	INSTRUMENTATION OPERATIONS ANALYSIS. PART IIB- SATURN VEHICLE SA-1 /U/ FIRING TEST REPORT	1961
19630044556	PRELIMINARY AEROBALLISTICS EVALUATION OF JUNO II FLIGHT TEST AM-19G	1961
19630044557	RESEARCH ON THE LOADING OF MISSILES DUE TO ATMOSPHERIC TURBULENCE AND WIND SHEAR /U/ FINAL REPORT, OCT. 24, 1960 - JULY 23, 1961	1961
19630044562	JUNO II MISSILE AM-19E. REVISED TRAJECTORY DATA	1961
19630044572	NASA PROGRAM PROGRESS REPORT <FOR< APRIL, MAY, JUNE 1961	1961
19630044573	[No Title]	1961
19630044575	TEST RESULTS. PART I- SATURN VEHICLE SA-1	1961
19630044581	INSTRUMENTATION OPERATION ANALYSIS. PART IIB- JUNO II VEHICLE AM-19E /U/ FIRING TEST REPORT	1961
19630044583	NASA PROGRAM PROGRESS REPORT <FOR< DECEMBER 1960	1961
19630044584	NASA PROGRAM PROGRESS REPORT <FOR< JANUARY 1961	1961
19630044585	NASA MONTHLY PROGRAM PROGRESS REPORT FOR AUGUST 1961	1961
19630044587	HIGH LOSS FERRITES /U/ TECHNICAL NOTE NO. 11	1961
19630044590	PRELIMINARY AEROTHERMODYNAMIC ANALYSIS REPORT, DYNA-SOAR	1961
19630044594	A solid-propellant nova injection system	1961
19630044595	A solid-propellant nova injection vehicle system: a critical study of JPL Technical Memorandum No. 33-52 and Addendum A	1961
19630044598	RANGER DETAILED TEST OBJECTIVES FLIGHTS RA-3 AND RRA-4	1961
19630044601	NASA Study of Six to Twelve Million Pound Thrust Launch Vehicles	1961
19630044608	EVALUATION OF THE ADEQUACY OF HII STEEL FOR THE REDEYE MOTOR CASE	1961
19630044611	PROJECT AGENA FY61 THIRD QUARTER PROGRAM REVIEW	1961
19630044618	TECHNICAL WORK STATEMENT FOR SATURN STAGE S-II (320 INCH DIAMETER) DESIGN, DEVELOPMENT, AND MANUF AC TURE	1961
19630044627	PRELIMINARY CRITERIA FOR PHASE II PROPOSALS FOR THE SATURN C-3 VEHICLE SECOND STAGE DESIGN, DEVELOPMENT, AND MANUFACTURE. STAGE S-11 /320 DIAMETER/	1961
19630044635	DOWN- RANGE ANTI-BALLISTIC MEASUREMENT PROGRAM /U/ DAMP /U/ ELECTROMAGNETIC RESEARCH LAB. CROSS-SECTION MEASUREMENT DATA MK-11 NOSECONE /U/	1961
19630044637	PROGRESS REPORT <RESEARCH BY PHYSICS AND CHEMISTRY GROUPS<	1961
19630044643	SPACEBORNE GAS CHROMATOGRAPH ATMOSPHERE ANALYZER	1961
19630044645	FLIGHT TEST PROCEDURE AND COUNTDOWN FOR TRAILBLAZER - II 1961	1961
19630044646	Flight Test Procedure and Countdown For Trailblazer-Ih	1961
19630044647	DEVELOPMENT OF ADHESIVES FOR VERY LOW TEMPERATURE APPLICATION QUARTERLY SUMMARY REPORT	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044648	A DECISION FEEDBACK TELEMETRY SYSTEM TECHNICAL MEMORANDUM NO. 9	1961
19630044651	ASYMPTOTICALLY SINGULAR DIFFERENTIAL CORRECTION MATRICES BIQUARTERLY REPORT, SEPT. 30, 1960 - MAR. 30, 1961	1961
19630044652	NASA AMR GROUND SUPPORT EQUIPMENT ENGINEERING ANALYSIS REPORT. VOLUME II- CHECKOUT EQUIPMENT	1961
19630044653	OGO PROGRAM MONTHLY PROGRESS REPORT, FEBRUARY 16 - MARCH 15, 1961	1961
19630044654	OGO PROGRAM MONTHLY PROGRESS REPORT, MARCH 16 - APRIL 15, <1961<	1961
19630044656	MISSION PLAN TIROS IV	1961
19630044659	THE MICROMETEOROID SATELLITE S-55	1961
19630044660	INTERPLANETARY MONITORING PROBE--PROJECT IMP /S-74/ PRELIMINARY PROJECT DEVELOPMENT PLAN	1961
19630044662	FIXED-FREQUENCY TOPSIDE SOUNDER /U.S./ S-48 REVISION I	1961
19630044663	LAUNCH VEHICLE SIZE AND COST ANALYSIS. PHASE II- SUMMARY REPORT. PART I- RECOVERY	1961
19630044669	ABMA CLIMATOLOGICAL RINGBOOK. PART XIV- EMPIRICAL FREQUENCY DISTRIBUTIONS OF PRESSURE, TEMPERATURE AND AIR DENSITY AT LEVELS OF CONSTANT ALTITUDE, FAIRBANKS, ALASKA	1961
19630044675	MICROWAVE BACKSCATTERING FROM HIGH-VELOCITY BALLISTIC PROJECTILES	1961
19630044683	DEVELOPMENT TESTING OF MARK 4 ICBM RE-ENTRY VEHICLE STRUCTURE	1961
19630044684	APPROXIMATE METHOD FOR CALCULATING FLOW FIELDS AROUND BLUNT-NOSED SLENDER BODIES AT HYPERSONIC SPEEDS	1961
19630044685	AN EXPERIMENTAL STUDY OF THE AERODYNAMIC CHARACTERISTICS OF FINNED RE-ENTRY VEHICLES	1961
19630044686	HEAT TRANSFER AND ABLATION PHENOMENA IN THE INTERACTION ZONES OF FIN-BODY CONFIGURATIONS IN HYPERSONIC FLOW	1961
19630044687	HYPERVELOCITY RADIATIVE HEAT TRANSFER	1961
19630044690	Spaceplane Status Presentation	1961
19630044695	[No Title]	1961
19630044699	SUMMARY OF PRESENTATION TO THE UNMANNED SPACECRAFT SUBPANEL OF THE AACB, ON THE IDA/RESD STANDARDIZED SPACECRAFT STUDY	1961
19630044717	Dyna Soar-saturn C-1 Launch Vehicle Proposal for Dyna Soar Step-2 Program	1961
19630044727	INDEX AND TEST RESULTS. PART I- JUNO II VEHICLE AM-19F	1961
19630044729	JUNO II VEHICLE AM-19G. INDEX AND TEST RESULTS, PART I	1961
19630044731	PRELIMINARY AEROBALLISTICS EVALUATION OF JUNO II FLIGHT TEST AM-19F	1961
19630044732	JUNO II Vehicle AM-19E. Index and Test Results, Part I: Firing Test Report	1961
19630044736	WEAPON SYSTEM 133-A- WING II CONTINUED DEVELOPMENT. FIRING NUMBER SD-27 /U/ QUARTERLY REPORT	1961
19630044744	JUNO 11, AM-19G /U/ FINAL ACCEPTANCE TEST REPORT	1961
19630044758	FRAGMENT RESISTANCE OF NYLON FELT BATTING	1961
19630044759	F-1 Design Information	1961
19630044760	MANNED LUNAR LANDING THE PROBABILITY OF MISSION SUCCESS	1961
19630044762	MICROWAVE DRIVEN MAGNETIC PLASMA ACCELE-{0.0	1961
19630044775	[No Title]	1961
19630044777	H-1 ENGINE PROGRAM REPORT- SUMMARY OF DEVELOPMENT /U/ <SIXTH REPORT< MAR. 1961 - MAY 1961	1961
19630044778	Conceptual Design Studies of a Vehicle in the Two to Three Million Pound Thrust Class	1961
19630044781	NASA - GSFC SOLAR RADIATION III SPECIAL OPPLAN B-61	1961
19630044782	THERMAL ARC JET ENGINE MISSION STUDY FIRST QUARTERLY PROGRESS REPORT	1961
19630044783	Saturn C-I: Performance and Trajectory Shaping on Orbital and Escape Missions for Thrust of 17.5K on Upper Stage Engines	1961
19630044786	SATURN C-I VEHICLE- PERFORMANCE AND CONTROL STUDY OF SEVERAL TWO-STAGE CONFIGURATIONS /FOR THRUST OF 4 X 17.5 K IN SECOND STAGE/	1961
19630044795	Preliminary Feasibility Study for the Saturn-dyna Soar Vehicle	1961
19630044826	LUNAR RECONNAISSANCE WITH ELECTRICAL PROPULSION - VEHICLE CONCEPT	1961
19630044827	DESIGN OF ORION VEHICLE	1961
19630044828	ANALYSIS OF THRUST VECTOR CONTROL BY SEVERAL METHODS OF SECONDARY INJECTION	1961
19630044829	LIGHTWEIGHT NONERODING NOZZLE THROATS	1961
19630044830	EXPERIMENTAL PERFORMANCE OF PENTABORANE AND HYDROGEN PEROXIDE	1961
19630044831	LARGE LIQUID PROPELLANT ENGINES PROVIDE LOW COST PROPULSION	1961
19630044832	EVALUATION OF THERMAL PROTECTION METHODS FOR FLUORINE-HYDROGEN ROCKETS	1961
19630044833	DESIGN OF LIGHT-WEIGHT ANNULAR NOZZLE SOLID PROPELLANT ROCKET MOTORS	1961
19630044834	THE RESEARCH EFFORT TOWARDS HIGH ENERGY SOLID PROPELLANTS	1961
19630044835	EROSIVE BURNING, INERT SLIVER, AND TAPERED CHAMBERS IN LARGE SOLID ROCKET BOOSTERS	1961
19630044836	THE TRUNCATED ISENTROPIC SPIKE NOZZLE	1961
19630044837	BEHAVIOR OF MATERIALS UNDER ROCKET MOTOR CONDITIONS	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044856	COMMUNICATION SATELLITE COMMITTEE REPORT ON PROJECT ADVENT	1961
19630044863	RESEARCH STUDY TO DETERMINE PROPULSION REQUIREMENTS AND SYSTEMS FOR SPACE MISSIONS, VOLUME IVB APPENDIX E /U/ FINAL REPORT, FEB. 1 - OCT. 31, 1961	1961
19630044871	DESIGN FABRICATION, AND TESTING OF A CESIUM ION ROCKET ENGINE FINAL REPORT, 1 SEPT. 1960 - 31 AUG. 1961	1961
19630044872	CRYOGENIC PROPELLANT FEED SYSTEMS FOR ELECTROTHERMAL ENGINES	1961
19630044874	AERODYNAMIC INFLUENCE COEFFICIENTS BY PISTON THEORY- ANALYTICAL DEVELOPMENT AND PROCEDURE FOR THE IBM 7090 COMPUTER	1961
19630044875	X-RAY EXPERIMENT- S-16 ORBITING SOLAR OBSERVATORY PROGRESS REPORT AS OF NOV. 1, 1961	1961
19630044876	ELECTROTHERMAL ENGINE PROPELLANT STORAGE AND FEED SYSTEM STUDY, VOLUME I	1961
19630044877	LETTER SUMMARY REPORT- INSTRUMENTATION FOR THE DETERMINATION OF THE COMPOSITION OF THE UPPER ATMOSPHERE FINAL REPORT	1961
19630044878	ANALYTICAL AND EXPERIMENTAL STUDY OF THE MECHANISMS OF PENETRATION AND LIGHT EMISSION FOR MICROMETEOROID IMPACT ON AN ALUMINUMCOATED PHOTOMULTIPLIER QUARTERLY PROGRESS REPORT NO. 4, JULY 1, 1961 - SEPT. 30, 1961	1961
19630044882	COMPOSITION MEASUREMENTS QUARTERLY PROGRESS REPORT NO. 7, 1 JUNE 1961 - 31 AUG. 1961	1961
19630044884	SCOUT MANUAL. APPENDIX D- PERFORMANCE AND PAYLOAD CAPABILITIES OF THE SCOUT RESEARCH VEHICLE MAY 19, 1961	1961
19630044885	<MEASUREMENT OF SLOW NEUTRONS< FINAL REPORT	1961
19630044886	STUDY OF FEED SYSTEMS FOR CESIUM ION ENGINES SUMMARY REPORT	1961
19630044888	A FEASIBILITY STUDY AND CONCEPTUAL DESIGNS FOR OPERATIONAL UNMANNED LUNAR MISSIONS FOR 1964-1965, VOLUME II PROSPECTOR STUDY PROGRAM, TECHNICAL MEMORANDUM	1961
19630044891	THE ELECTRIC ENGINE AS A PROPULSION SYSTEM FOR THE EXPLORATION OF SPACE	1961
19630044911	A FEASIBILITY STUDY AND CONCEPTUAL DESIGNS FOR OPERATIONAL UNMANNED LUNAR MISSIONS FOR 1964-1965, VOLUME I	1961
19630044913	GLIDER STABILITY AND CONTROL ANALYSIS, MODEL 844-2050	1961
19630044919	SATURN C-3 LAUNCH FACILITIES STUDY. VOLUME I- SELECTION OF OPTIMUM CONCEPT. FINAL REPORT	1961
19630044920	Technical Work Statement for Saturn Stage S-11 (260 Inch Diameter) Design, Development, and Manufacture	1961
19630044923	Attitude and Sunlight Studies for Determining the Firing Times of Am-19f	1961
19630044930	Preliminary Nuclear Test Mission Summary	1961
19630044937	NASA STUDY OF LARGE LAUNCH VEHICLE SUBSYSTEMS. FINAL REPORT	1961
19630044939	Centaur Program Re-Orientation	1961
19630044940	FEFeasibility Program for Conical Segmented Rocket Motors. Volume I - Technical Discussion N. Supplement to Final Report	1961
19630044943	Fourth H-1 Engine Program Report- Summary of Development /U/ Fourth Report, July - Dec. 1960	1961
19630044946	Juno II Vehicle AM-19G. Instrumentation Operation Analysis, Part Ilib /U/ Firing Test Report	1961
19630044951	RESEARCH AND DEVELOPMENT OF PROPELLANT FEED SYSTEMS FOR ION ENGINES SUMMARY REPORT, JUNE 30, 1961 - SEPT. 30, 1961	1961
19630044956	PROJECT DEVELOPMENT PLAN FOR THE REACTOR-IN-FLIGHT-TEST /RIFT/ PROJECT	1961
19630044957	DYNAMICS OF TOPPING CYCLE FOR NUCLEAR ROCKET ENGINES /U/ FINAL REPORT, MAY 15, 1959 - JUNE 15, 1960	1961
19630044965	AN APPEAL TO UNSHACKLE LAUNCH VEHICLE THINKING WITH A DEMONSTRATION EARTH/LUNAR DIRECT-FLIGHT VEHICLE CONCEPT	1961
19630044966	ATMOSPHERIC ENVIRONMENT FOR THE MERCURY-REDSTONE 3 VEHICLE FLIGHT	1961
19630044971	PROJECT DEVELOPMENT PLAN S-3A ENERGETIC PARTICLES SATELLITE	1961
19630044973	Atmospheric Environment for the Flight of Mercury-Redstone 2	1961
19630044976	Juno II Missile AM-19E	1961
19630044978	Delta 8em-Annual Technical Progress Report Model Number DM-19/	1961
19630044979	Delta Monthly Technical Progress Report, Issue Number 26	1961
19630044981	Controllable Thrust Chamber Study Program	1961
19630044982	ELECTRICAL POWER GENERATION AND ELECTRICAL PROPULSION SYSTEMS FOR SPACECRAFT	1961
19630044985	Acceptance Firing Of Saturn - Flight Booster SA- I	1961
19630044987	Project Apollo Guidance and Navigation Program /U/ Quarterly Technical Progress Report, Period Ended 11 Dec. 1961	1961
19630044991	INSTRUMENTATION OPERATION ANALYSIS. PART IIB- JUNO II VEHICLE AM-19F /U/ FIRING TEST REPORT	1961
19630044993	Study of the Balance Between Automatic and Manual Launch Vehicle Systems	1961
19630044996	XT-761 30 Kw-Plasmajet Rocket Engine Development Program. Third Quarterly Progress Report, Oct. 11, 1960 - July 15, 1961	1961
19630045002	THERMAL ARC JET ENGINE MISSION STUDY /U/ FINAL REPORT	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630045003	XT-761 30 KW-PLASMAJET ROCKET ENGINE- DEVELOPMENT PROGRAM	1961
19630045004	XT-761 30 Kw-Plasma Jet Rocket Engine- Development Program /U/ Second Quarterly Progress Report, Apr. 1961	1961
19630045008	RESEARCH AND DEVELOPMENT OF MATERIALS FOR SATURN PARAGLIDER RECOVERY SYSTEM	1961
19630045012	Joint Report on Facilities and Resources Required at Launch to Support NASA Manned Lunar Landing Program, Phase 1 Report	1961
19630045014	Preliminary Aeroballistics Evaluation Of Juno II Flight Test AM-19E	1961
19630045028	ORBITAL DOCKING AND OPERATIONS PROGRAM	1961
19630045029	Saturn C-2 Vehicle Loads Study	1961
19630045033	PROJECT CENTAUR- FY61 - THIRD QUARTER, PROGRAM REVIEW	1961
19630045038	REVISED RANGE SAFETY DATA FOR JUNO II AM19E	1961
19630045039	Research on Manned Lunar Missions	1961
19630045042	SUBSYSTEM C - ENGINEERING ANALYSIS REPORT, AGENA B - NASA	1961
19630045050	Nerva Engine-Vehicle Interactions	1961
19630045051	[No Title]	1961
19630045053	DELTA MONTHLY TECHNICAL PROGRESS REPORT N. ISSUE 22	1961
19630045056	DEVELOPMENT OF THE ROCKET VELOCITY AND ATTITUDE CONTROL SYSTEM. FINAL SUMMARY REPORT	1961
19630045058	Actual Trajectory For Juno II Test Flight AM-19F	1961
19630045059	Xt-761 /30kw/ Arc Jet Engine /U/ NASA/ge Progress Briefing	1961
19630045061	Detailed Test Objectives for Delta Mission No. 7 Launch Vehicles/N 301/2017/3017 Payload- S-16	1961
19630045063	SATURN S-11 FOR DYNA SOAR /U/ PRELIMINARY COPY	1961
19630045067	A Feasible Approach for an Early Manned Lunar Landing. Part II detailed Report of Ad Hoc Task Group	1961
19630045068	Design, Development, Testing and Delivery of a Large Booster Recovery System: Final Progress Report	1961
19630045069	PROGRAM SECTION	1961
19630045075	FIELD OPERATIONS MEMORANDUM	1961
19630045082	DELTA MONTHLY TECHNICAL PROGRESS REPORT N. ISSUE 28 AUG. 1961	1961
19630045083	H-1 ENGINE PROGRAM REPORT- SUMMARY OF DEVELOPMENT, JUNE 1961 THROUGH OCTOBER 1961	1961
19630045092	NASA Aerospace Ground Equipment Engineering Analysis Report. Volume I - Ground Handling and Service Equipment	1961
19630045093	RANGER DETAILED TEST OBJECTIVES	1961
19630045096	THERMAL PROTECTION OF UNCOOLED ROCKET THRUST CHAMBERS	1961
19630045101	TWO-STAGE POTASSIUM TEST TURBINE MONTHLY PROJECT STATUS REPORT	1961
19630045102	TWO-STAGE POTASSIUM TEST TURBINE MONTHLY PROJECT STATUS REPORT, SEPT. 8, 1961	1961
19630045106	COMMUNICATIONS SATELLITES AND PUBLIC POLICY- AN INTRODUCTORY REPORT	1961
19630045107	THE DYNAMICS OF SIMPLE CUBIC LATTICES. APPLICATIONS TO THE THEORY OF THERMAL ACCOMMODATION COEFFICIENTS	1961
19630045108	LUNAR DRILL FEASIBILITY STUDY FINAL REPORT	1961
19630045110	SCHEME FOR LABORATORY SIMULATION OF ORBITAL RENDEZVOUS MANEUVERS	1961
19630045111	An Experimental Program to Investigate the Seismographic Noise Level of Lunar Capsule Evaporative Cooling Systems	1961
19630045112	STABILITY AND CONTROL REPORT	1961
19630045113	OPERATIONS PLAN 4-61. /A-3/ TELEVISION INFRA-RED OBSERVATIONAL SATELLITE	1961
19630045114	FIRING TIME STUDIES FOR MISSILE AM-19E /GAMMA RAY TELESCOPE/	1961
19630045118	ORBITAL STORAGE OF LIQUID HYDROGEN	1961
19630045120	A DIRECTIONAL HIGH ENERGY GAMMA RAY COUNTER	1961
19630045121	THE ROLE OF MASS SPECTROMETRY IN SPACE RESEARCH	1961
19630045122	STUDY OF REAL GAS EFFECTS SECOND SEMI-ANNUAL STATUS REPORT	1961
19630045124	DEVELOPMENT OF LOW-NOISE MIXED PREAMPLIFIERS FOR THE FPS-16 AT BERMUDA FINAL REPORT	1961
19630045127	BROADCASTING FROM SATELLITES	1961
19630045131	RESEARCH AND DEVELOPMENT AIMED AT PREVENTION OF CORROSION OF STAINLESS STEEL PIPING AND TUBING ASSEMBLIES FOR SATURN FINAL REPORT	1961
19630045134	SATURN AUTOMATIC CHECKOUT SYSTEM, STUDY REPORT - PHASE I	1961
19630045141	PRACTICAL AND THEORETICAL ASPECTS OF COHERENT DETECTION	1961
19630045142	UNMANNED LUNAR LANDING WITH SATURN S-V STAGE	1961
19630045144	ATMOSPHERE ENVIRONMENT FOR THE FLIGHT OF JUNO II /AM-19G/	1961
19630045145	MAGNETIC RADIATION SHIELDING	1961
19630045146	INFRARED AND REFLECTED SOLAR RADIATION MEASUREMENTS FROM THE TIROS II METEOROLOGICAL SATELLITE	1961
19630045148	THE Q-BALL AIR DATA SYSTEM	1961
19630045149	SATURN ELECTRICAL GROUND SUPPORT EQUIPMENT FOR VEHICLES SA-1, SA-2 AND SA-3	1961
19630045152	ROCKET MEASUREMENT OF A DAYTIME ELECTRON DENSITY PROFILE UP TO 620 KM	1961
19630045153	ATMOSPHERIC ENVIRONMENT FOR THE FLIGHT OF MERCURY-REDSTONE 4	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630045156	HYDROGEN- A BIBLIOGRAPHY OF THE PHENOMENA, PROPERTIES AND RELATED STUDIES	1961
19630045158	Propellant Behavior in the Tanks of Large Space Vehicles	1961
19630045159	NASA PERT, Program Evaluation and Review Technique, Handbook	1961
19630045161	DEVELOPMENT OF WELDING TECHNIQUES AND FILLER METALS FOR HIGH STRENGTH ALUMINUM ALLOYS PROGRESS REPORT NO. 4, FIRST QUARTERLY REPORT, 15 JUNE 1961 - 15 JULY 1961	1961
19630045162	SMOKE-TRAIL WIND SHEAR MEASUREMENTS AT ATLANTIC MISSILE RANGE PROJECT DEVELOPMENT PLAN	1961
19630045163	NIMBUS METEOROLOGICAL SATELLITE- INTEGRATION AND TESTING QUARTERLY PROGRESS REPORT	1961
19630045168	HYDROSTATIC PROPERTIES OF AN IONIZED ATMOSPHERE	1961
19630045169	SATURN C-2 OPERATIONAL REQUIREMENT STUDY FINAL REPORT	1961
19630045172	DIGITAL SPACE TELEMETRY	1961
19630045178	RENDEZVOUS GUIDANCE AND MECHANIZATION FOR ORBITAL LAUNCH OPERATIONS, APPENDIX I	1961
19630045180	RELIABILITY TEST REPORT FOR THE PRESSURE REGULATOR, 1/4-INCH LINE, PN 10426705	1961
19630045183	REPORT OF THE AD HOC STUDY GROUP ON FACILITIES FOR NUCLEAR ELECTRIC PROPULSION	1961
19630045192	Very Large Solid Propellant Rockets for Space Vehicles	1961
19630045195	SUMMARY OF H-1 ENGINE STABILITY REGIME TESTING	1961
19630045198	THIRTY-KILOWATT PLASMAJET ROCKET ENGINE DEVELOPMENT /U/ QUARTERLY PROGRESS REPORT NO. 2, 1 JAN. 1961 - 31 MAR. 1961	1961
19630045210	NASA Engineering Analysis Report: Subsystem D	1961
19630045213	Preliminary Design Criteria. Qualification and Acceptance Tests for NASA Payload Packages Orbiting Astronomical Observatory	1961
19630045218	Alkali Metals Boiling and Condensing Investigations	1961
19630045219	Engineering Properties of Potassium	1961
19630045220	ALKALI METALS BOILING AND CONDENSING INVESTIGATIONS QUARTERLY REPORT NO. 3, JULY 1 - SEPT. 30, 1961	1961
19630045221	Engineering Properties of Potassium	1961
19630045222	HEAT TRANSFER DEVELOPMENT PROGRAM MONTHLY PROJECT STATUS REPORT, MAY 31, 1961	1961
19630045223	HEAT TRANSFER DEVELOPMENT PROGRAM MONTHLY PROJECT STATUS REPORT, APR. 30, 1961	1961
19630045224	LOW CURRENT DENSITY ION ENGINE STUDIES MONTHLY PROGRESS REPORT NO. 1	1961
19630045227	METEOROLOGICAL DATA PROCESSING PROGRESS REPORT, 1 OCT. 1960 - 30 JUN. 1961	1961
19630045228	HEAT TRANSFER DEVELOPMENT PROGRAM MONTHLY PROJECT STATUS REPORT, SPACE POWER OPERATION 30 NOV. 1961	1961
19630045229	HEAT TRANSFER DEVELOPMENT PROGRAM MONTHLY PROJECT STATUS REPORT, SPACE POWER OPERATION	1961
19630045230	HEAT TRANSFER DEVELOPMENT PROGRAM MONTHLY PROJECT STATUS REPORT, SPACE POWER OPERATION 31 OCT. 1961	1961
19630045232	Delta-5 Field Flight Report	1961
19630045235	AN ESTIMATE OF SUCCESS-TO-FAILURE RATE FOR FUTURE LAUNCH VEHICLES	1961
19630045242	FIELD OPERATIONS MEMORANDUM	1961
19630045243	JUNO II MISSILE AM-19G TRAJECTORY DATA	1961
19630045245	EARTH ORBITAL RENDEZVOUS FOR AN EARLY MANNED LUNAR LANDING. PART I- SUMMARY REPORT OF AD HOC TASK GROUP STUDY	1961
19630045259	NASA Study of Six to Twelve Million Pound Thrust Launch Vehicles	1961
19630045264	[No Title]	1961
19630045265	Engineering Properties of Potassium	1961
19630045267	DESIGN FOR AN IMPROVED HOT FILAMENT IONIZATION GAUGE	1961
19630045269	HIGH TEMPERATURE PROPERTIES OF SODIUM THIRD PROGRESS REPORT 1 OCT. 1960 - 31 MAR. 1961	1961
19630045279	NASA DM-21/Agema B Program. An Analysis of DM-21 Trajectory Dispersion Sources	1961
19630045280	PRELIMINARY FEASIBILITY STUDY FOR THE SATURN-DYNA SOAR VEHICLE	1961
19630045281	NASA Study of Six to Twelve Million Pound Thrust Launch Vehicles	1961
19630045282	ALKALI METALS BOILING AND CONDENSING INVESTIGATIONS QUARTERLY REPORT NO. 2, 1 APR. - 30 JUN. 1961	1961
19630045283	HEAT TRANSFER DEVELOPMENT PROGRAM, MONTHLY PROJECT STATUS REPORT	1961
19630045284	LUNI-SOLAR PERTURBATIONS OF THE ORBIT OF AN EARTH SATELLITE	1961
19630045285	HIGH TEMPERATURE PROPERTIES OF SODIUM 4TH PROGRESS REPORT, 1 APR. - 30 SEP. 1961	1961
19630045286	RESEARCH AND DEVELOPMENT OF PROPELLANT FEED SYSTEM FOR ION ENGINES FINAL REPORT, 16 JUN. - 16 SEP. 1961	1961
19630045287	SATURN PARAGLIDER RECOVERY SYSTEM STUDY	1961
19630045289	SATURN D /NUCLEAR ROCKET UPPER STAGE/ DESIGN STUDIES /U/ FINAL REPORT	1961
19630045291	H-1 ENGINE PROGRAM- SUMMARY OF DEVELOPMENT /U/ FIFTH REPORT, DEC. 1960 - FEB. 1961	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630045294	NOVA SOLID FIRST STAGE	1961
19630045295	Project Delta Field Flight Report (Delta 4)	1961
19630045300	RANGE SAFETY DATA FOR JUNO II AM-19G	1961
19630045307	DESIGN STUDIES OF VERY LARGE SOLID FUEL ROCKETS /U/ SUMMARY OF FINAL REPORT	1961
19630045309	SPACE POWER OPERATION- ARC JET APPLICATION STUDY /U/ QUARTERLY REPORT NO. 1, FOR THE PERIOD 1 MAR. 1961 - 31 MAY 1961	1961
19630045310	COMMUNICATIONS SATELLITES- A BRIEF SURVEY OF INDUSTRY STUDIES /U/ SPECIAL MEMORANDUM	1961
19630045342	PREDICTION OF THERMAL FATIGUE ENDURANCES FROM MECHANICAL PROPERTIES	1961
19630045344	DETERMINATION OF THE EMISSIVITY OF MATERIALS PROGRESS REPORT, 1 JUL. - 30 SEP. 1961	1961
19630045347	THE MICROMETEROROID SATELLITE /S-55/	1961
19630045351	Storable Upper Stage for Saturn	1961
19630045357	A Study of Two-to-Three Million-Pound-Thrust Launch Vehicles. Volume 2 - Design Analysis. Final Report	1961
19630045382	THE NASA METEOROLOGICAL SATELLITE PROGRAM AND ITS APPLICATION TO MILITARY REQUIREMENTS	1961
19630045383	[No Title]	1961
19630045391	PROJECT MERCURY COMMUNICATION SYSTEM CHECKOUT PROCEDURES	1961
19630045396	XT-761 30 Kw-Palsmajet Rocket Engine: Development Program	1961
19630045399	RESEARCH AND DEVELOPMENT ON HYBRID PROPELLANTS /U/ QUARTERLY PROGRESS REPORT NO. 1, 1 JUL. - 30 SEP. 1961	1961
19630045401	PREPARATION AND CHARACTERIZATION OF HIGH-ENERGY MONOPROPELLANT "CYCLOPS" /U/ FINAL REPORT <6 APR. - 17 OCT. 1961<	1961
19630045406	USAF COST OPTIMIZED BOOSTER SYSTEM STUDIES	1961
19630045407	RESEARCH AND DEVELOPMENT OF ADVANCED SOLID PROPELLANT SYSTEMS /U/ QUARTERLY REPORT NO. 6, 23 MAY 1961 - 22 AUG. 1961	1961
19630045413	IRIA ANNOTATED BIBLIOGRAPHY OF INFRARED LITERATURE, VOLUME V, NUMBER 3	1961
19630045414	[No Title]	1961
19630045415	SYNTHESIS AND DEVELOPMENT OF HIGH-ENERGY, STORABLE ROCKET FUELS /U/ SECOND QUARTERLY PROGRESS REPORT, 1 AUG. - 31 OCT. 1961	1961
19630045429	ANNUAL REPORT ON RESEARCH IN ANC-17 HANDBOOK "PLASTICS FOR FLIGHT VEHICLES" TECHNICAL REPORT <JUL. 1960 - JUL. 1961<	1961
19630045430	SOME BASIC FACTORS INFLUENCING THE SELECTION OF PROPULSION SYSTEMS FOR SPACE MISSIONS	1961
19630045446	COMPARISON AND ANALYSIS OF WIND TUNNEL AND FULL-SCALE, FREE-FLIGHT DATA ON A RE-ENTRY BODY	1961
19630045449	KINETICS OF CHEMICAL REACTIONS IN GASES AT HIGH TEMPERATURES UTILIZING SHOCK TUBE AND OTHER GAS DYNAMIC TECHNIQUES PROGRESS REPORT, 1 NOV. 1960 - 31 MAY 1961	1961
19630045457	RESEARCH IN FLUORO-NITRO COMPOUNDS ANNUAL SUMMARY REPORT, 1 SEP. 1960 - 31 AUG. 1961	1961
19630045459	IMAGE INTENSIFIER ORTHON DEVELOPMENT /U/ FINAL REPORT, 24 DEC. 1959 - 24 DEC. 1960	1961
19630045463	RESEARCH AND DEVELOPMENT OF ADVANCED SOLID PROPELLANT SYSTEMS /U/ QUARTERLY REPORT NO. 7, 23 AUG. - 22 NOV. 1961	1961
19630045469	A SUMMARY OF INVESTIGATIONS OF THE REACTIONS OF THE HYDRAZINES WITH BORON HYDRIDES AND THEIR DERIVATIVES	1961
19630045472	AN INVESTIGATION OF RECOMBINATION AND CONDENSATION EFFECTS IN ROCKET NOZZLES /U/ SEVENTH QUARTERLY TECHNICAL SUMMARY REPORT	1961
19630045475	RESEARCH AND DEVELOPMENT OF ADVANCED SOLID PROPELLANT SYSTEMS /U/ QUARTERLY REPORT NO. 5, 23 FEB. - 22 MAY 1961	1961
19630045479	SYNTHESIS OF METAL-CYCLOPENTADIENYL DERIVATES FOR USE AS ULTRAVIOLET ABSORBERS TECHNICAL REPORT <APR. 1960 - APR. 1961<	1961
19630045480	STUDY OF THERMAL RADIATION WITHIN SOLIDS AND STUDY OF INTERNALLY ABLATING COMPOSITES. PT II, VOL I - INTERNALLY ABLATING COMPOSITES TECHNICAL REPORT <AUG. 1960 - MAR. 1961<	1961
19630045482	COMPATIBILITY OF MATERIALS IN STORABLE PROPELLANTS FOR XSM-68B THIRD PROGRESS AND SM-68B REPORT	1961
19630045483	A COMPARISON OF THE DISPLACEMENT OF SATELLITES CAUSED BY METEORIC IMPACTS AND BY RADIATION PRESSURE	1961
19630045492	THE DISTRIBUTION OF PARTICLES AROUND VEHICLES MOVING THROUGH THE IONOSPHERE SCIENTIFIC REPORT NO. 2	1961
19630045496	COMPATIBILITY OF MATERIALS IN STORABLE PROPELLANTS FOR XSM-68B AND SM-68B	1961
19630045499	MECHANISM OF REINFORCEMENT OF FIBER-REINFORCED STRUCTURAL PLASTICS AND COMPOSITES TECHNICAL REPORT <FEB. 1960 - DEC. 1960<	1961
19630045500	Deleted record	1961
19630045513	THE ESTIMATION OF THE PARAMETERS OF A LINEAR REGRESSION OBEYING TWO DIFFERENT REGIMES	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630045518	A STUDY OF POLYMERS CONTAINING SILICON-NITROGEN BONDS QUARTERLY PROGRESS REPORT 2, 4 MAY-3 AUG. 1961	1961
19630045519	A STUDY OF POLYMERS CONTAINING SILICON-NITROGEN BONDS PROGRESS REPORT, 4 AUG.-3 SEP. 1961	1961
19630045520	A STUDY OF POLYMERS CONTAINING SILICON-NITROGEN BONDS QUARTERLY PROGRESS REPORT 1, 4 FEB.-3 MAY 1961	1961
19630045521	A STUDY OF POLYMERS CONTAINING SILICON-NITROGEN BONDS PROGRESS REPORT, 4 SEP.-3 OCT. 1961	1961
19630045522	INSTRUMENTED SCIENTIFIC SATELLITES	1961
19640003990	Research and development techniques for fabrication of solar concentrators final report, 1 nov. 1960-31 oct. 1961	1961
19640006098	Design, development and manufacture of storage batteries for future satellites first quarterly report, 4 nov. 1960-4 feb. 1961	1961
19640006099	Design, development and manufacture of storage batteries for future satellites fourth quarterly progress report, 4 aug. 1961-4 nov. 1961	1961
19640008561	Observations of sudden impulses in the magnetosphere obtained from explorer xii data	1961
19640010824	A note on the aharonov-bohm paradox	1961
19640012531	Dynamics of a rotating space station	1961
19640012880	Mass spectra of organic molecules. ii- amino acids	1961
19640014120	A note on product demodulation of binary pcm/pm signals	1961
19640017356	Jpl staircase generator module final report, 22 aug. 1960 - 29 sep. 1961	1961
19640017374	Air augmented rocket /one-dimensional/, reference number as 1961. computing facility, ibm 7094	1961
19640019444	Research on thin magnetic film logic devices final engineering report	1961
19640023419	Specular reflection of phonons in superfluid helium at 0.33 deg. k	1961
19640044304	Nozzle for colloidal propulsion analytical investigation	1961
19640044389	Research and development on a vortex and mhd power generator final report, sept. 20, 1960- dec. 8, 1961	1961
19640044413	Saturn paraglider recovery stem study final report	1961
19640044647	Atlas/Agema B System Performance Dispersions Nasa Ranger Mission	1961
19640044789	Investigation of relative wheel drag in natural and synthetic slush jun. - oct. 1961	1961
19640044920	2 to 3 million pound thrust launch vehicle study	1961
19640045857	An evaluation of the centaur gimbal in a simulated flight environment	1961
19640045859	Strain Measurements at Cryogenic Temperatures	1961
19640045895	Calculated sound levels resulting from launch of a saturn vehicle	1961
19640046177	Project mercury - report transmitted to the committee on science and astronautics u.s. house of representatives	1961
19640046624	Feasibility study of the procurement of a 600 mev proton synchrocyclotron on an accelerated schedule for the national aeronautics and space administration	1961
19640046901	Investigations of carbides as cathodes for thermionic-space reactors informal monthly report, 1 oct. - 31 oct. 1961	1961
19640046944	Saturn C-1 Vehicle Project Development Plan	1961
19640047944	Visual observation instrument subsystem. engineering study of lunar orbiting final report	1961
19640048783	Basic chemical research for advanced storable liquid propellant systems forth quarterly report	1961
19640049619	Electronic packaging for 5000g survival	1961
19640049629	Qualification test report for the engine heat exchanger, pn 10413776. saturn mechanical components qualification test program	1961
19640050242	Charged particle measurements above 100 km by the langmuir probe technique quarterly status report, 1 oct. - 31 dec. 1961	1961
19640052182	The national significance of the augmented program of space exploration	1961
19640052491	Thermal radiation in gaseous fission reactors for propulsion	1961
19640052492	A Statistical Problem Related to the Launching of a Missile	1961
19640052493	Thrust-Unit Requirements for Electrically Propelled Spacecraft	1961
19640052494	Inhibition of a Low-Pressure Flame by Halogen Atoms	1961
19640052495	Thermal efficiency of coated fins	1961
19640052551	Proceedings of a conference on results of the first u.s. manned suborbital space flight	1961
19640052704	A study of manned nuclear-rocket missions to mars	1961
19640052863	Bend properties of welded high-strength titanium alloy sheet	1961
19640052868	Design and development of hydrogen-oxygen fuel cell powerplant first quarterly report <1 jul. - 30 sep. 1961<	1961
19640053014	Scientific experiments for ranger 1 and 2	1961
19640053016	The U.S. Planetary Exploration Program	1961
19640053126	Experimental Tests of Theories of Relativity	1961
19640053146	Power supply system booster regulator, ranger 3, 4 and 5 progress report, 15 mar. - 31 may 1961	1961
19640053187	The impedance of a cylindrical dipole in a homogeneous anisotropic ionosphere scientific report no. 1	1961
19640053188	Development of water recycling device with special reference to space application	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640053290	Condenser Heat Rejection Systems	1961
19640053329	Canadian grids for tiros i, additional orientation data, errata	1961
19640053358	Silver-cadmium battery development program quarterly technical progress report /first quarter/	1961
19640053361	Evaluation of regenerative fuel cell interim engineering report, 8 mar. - 8 sep. 1961	1961
19640053368	Design, development and manufacture of storage batteries for future satellites third quarterly progress report, 4 may - 4 aug. 1961	1961
19640053369	Design and development of silver-cadmium storage batteries second quarterly report, 30 sep. - 31 dec. 1961	1961
19640053436	Selenographic coordinates	1961
19640053549	Anticipated rms sound levels around static tests of large vehicles	1961
19640053557	Environmental Control Study of Space Vehicles. Part II- Thermal Environment of Space. Supplement A- Graphical Presentation of Solar, Planetary Thermal and Planetary Albedo Radiation Incident to Space Vehicles	1961
19640053645	Computer Program Guide: Analytic Lunar Return Program	1961
19640053966	Arc Jet Engine Performance - Experiment and Theory II	1961
19640054390	Vibration and noise environmental studies for project mercury	1961
19640054765	Efficiency of a Geiger-Mueller Tube for Non-Penetrating Electrons	1961
19640054867	Preliminary study of the lunar orbiter ground data processing system, 23 jan. - 17 mar. 1961	1961
19640055500	Boundary-layer similar solutions and correlation equations for laminar heat- transfer distribution in equilibrium air at velocities up to 41,100 feet per second	1961
19640055731	Project Apollo. Communications and Instrumentation Technical Study Summary Volume	1961
19640055821	Acoustic Focal Zones Around Saturn Static Tests	1961
19640056582	South african deep space instrumentation facility final test report	1961
19640056592	A two-fluid magnetohydrodynamic cycle for nuclear-electric power conversion technical report	1961
19640056595	A survey of energy conversion systems	1961
19640056597	Short, Tapered Shells of Revolution: I- Axisymmetric Edge Loading. II- Uniform Pressure Loading	1961
19640056648	A preliminary study of advanced propulsion spacecraft payload capabilities	1961
19640056650	Nuclear Electric Power for Space Missions	1961
19640056652	The plasma core reactor	1961
19640056864	Handbook of instructions for mec model 77 digital to analog converter	1961
19640056865	Handbook of instructions for transfer register mec model 79	1961
19640056866	Digital junction box mercury control center	1961
19640056867	Digital data processing system operation and maintenance manual	1961
19640056868	Goddard processing programs	1961
19640056870	Handbook of instructions for digital to analog converter mec model 1576	1961
19640056871	Acquisition system, eglin, florida. operation and maintenance	1961
19640056872	Acquisition system bermuda. operation and maintenance	1961
19640056873	Acquisition system, white sands, new mexico. operation and maintenance	1961
19640056874	Capsule communications system. operation and maintenance	1961
19640056875	Acquisition system atlantic ship, indian ocean ship. operation and maintenance	1961
19640056876	Launch monitor subsystem	1961
19640056877	Bermuda monitor programs	1961
19640056878	Handbook of instructions for mec model 78 receiver register	1961
19640056879	Acquisition system, cape canaveral. operation and maintenance	1961
19640056880	Launch monitor subsystem	1961
19640056881	Acquisition system kano, nigeria-zanzibar canton island. operation and maintenance	1961
19640056882	Data quality monitor and console mercury con- trol center	1961
19640056884	Acquisition system point arguello. operation and maintenance	1961
19640056885	External system programs	1961
19640056886	Capsule communications systems. operation and maintenance	1961
19640056887	Handbook of instructions for mec model 72 data receiver	1961
19640056888	Capsule communications system. operation and maintenance	1961
19640056889	Acquisition system kauai island, hawaii. operation and maintenance	1961
19640056890	Acquisition system point arguello. operation and maintenance	1961
19640057021	Goddard monitor programs	1961
19640057022	Hf radio point-to-point communications	1961
19640057023	Handbook of instructions for mec model 76 comparator receiving register	1961
19640057035	Handbook of instructions for digital to analog converter mec model 1576b	1961
19640057043	Switch unit mercury control center	1961
19640057195	Luminescence of the lunar surface and the intensity of the solar corpuscular radiation, 1956	1961
19640057555	Program system operation	1961
19640057556	Program system standards	1961
19640057557	Outside plant	1961
19640057558	Postflight reporter program	1961
19640057559	Output status console bermuda and goddard	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640057923	Forces on Bodies of Revolution in Hypersonic Flow by Modified Newtonian Theory	1961
19640057930	An Evaluation of the Welding Characteristics of Alcoa 2219-T81 Aluminum Alloy	1961
19640057950	Ultra-high-frequency oxide induction-heating furnace	1961
19640057964	A Dynamical Determination of the Astronomical Unit by Least Squares Fit to the Orbit of Pioneer V	1961
19640057969	Research on Methods of Structural Synthesis	1961
19640057999	Striplap method of rocket motor case fabrication interim technical engineering report, 7 sep. - 6 dec. 1961	1961
19640058009	Aluminumphosphate coating technical report <jun. 1960 - feb. 1961<	1961
19640058041	Preliminary Ionization Environment Report [On] Model Dyna-Soar	1961
19640058043	Evaluation of a steel armor containing boron	1961
19640058046	The electric vacuum gyro	1961
19640058048	Re-Entry Technology Program	1961
19640058058	Radar surveillance set an/aps-94 final report, feb. 1961	1961
19640058063	High modulus glass fibers for reinforced plastics	1961
19640058064	Literature survey on filament-wound composite structures technical report <13 - 24 feb. 1961<	1961
19640058065	Mechanism of ablation of char-forming ablative plastics technical report, 15 may 1960 - 15 jun. 1961	1961
19640058066	Determination of the emissivity of materials progress report 1 apr. - 30 jun. 1961	1961
19640058071	Mercury redstone launch mr-2	1961
19640058076	Study of space tests of electric propulsion engines, volume iv- flight-test-system conceptual design and analyses, part 1 <final report, may - dec. 1961<	1961
19640058079	Project mercury. program support plan 1900	1961
19640058081	Study of space tests of electric propulsion engines, volume ii- principles of electric engine operation and the need for flight testing <final report, may - dec. 1961<	1961
19640058082	Study of space tests of electric propulsion engine, volume iii- flight-test objectives, techniques, and capabilities	1961
19640058091	Low noise solid state preamplifier quarterly report no. 12, 1 jun. 1961-1 sep. 1961 01 sep. 1961 20 p	1961
19640058094	Symposium proceedings, volume ii, june 28-29, 1961 <on> rocket testing in simulated space and high altitude environments	1961
19640058118	Saturn booster recovery flexible wing system aerodynamics report	1961
19640058125	Microstructure of ablative plastic chars <technical report, feb. - dec. 1960	1961
19640058128	Cesium Ion Propellant Feed Systems Final Report, Jul.-Sep. 1961	1961
19640058130	Numerical calculation of external thermal radiation in space	1961
19640058188	Aerothermodynamic analysis report	1961
19640058189	Detailed Test Objectives for NASA Mission MA-5	1961
19640058223	Time Requirements for Flight Test Operations in Selected Missile Programs	1961
19640058249	[No Title]	1961
19640058268	The need for a possible revision of the western proposal to ban weapons of mass destruction in orbit	1961
19640058270	Preliminary Instrumentation Plan - Ranger Vehicles RA1 and RA2	1961
19640058289	A STUDY OF SIX TO TWELVE MILLION POUND THRUST LAUNCH VEHICLES	1961
19640058291	Physical properties tests, dyna soar nose cap materials interim technical report	1961
19640058298	Operations Plan 7-61 Mercury Network Test Vehicle MNTV-1	1961
19640058307	The presence or absence of visual coriolis illusions at various combined angular velocities	1961
19640058308	Feasibility Study of a Gas Supported Dual Sphere Gyroscope, Phase I Final Report	1961
19640058312	Atlantic missile range	1961
19640058313	Vortex tube modifications	1961
19640058315	Results of tiros ii ball bearing operation in space	1961
19640058316	Experimental Investigation for Obtaining Stable Negative Ions	1961
19640058333	Saturn c-2. operational modes study final report	1961
19640058344	Thermal Factors in the Atmosphere	1961
19640058347	A basic investigation of controllable thrust devices for escape from space vehicles. phase i, part ii- propellant and ignition system	1961
19640058353	Detailed Test Objectives for NASA Mission MA-3	1961
19640058355	Advanced solid propellant research and development program midpoint summary report <1 jun. - 30 sep. 1961<	1961
19640058367	High-altitude visible missile trails	1961
19640058368	Missle launch spectra recorded by television techniques	1961
19640058369	High altitude missile bloom	1961
19640058370	Missile exhaust ionization in the upper atmosphere	1961
19640058371	Some comments on the fluid dynamics of missile trails	1961
19640058395	Survey range instrumentation for trajectory measurement. volume ii- pulse radar systems	1961
19640058396	Survey range instrumentation for trajectory measurement. volume iii- doppler and interferometer systems	1961
19640058397	Survey range instrumentation for trajectory measurement. volume iv- deep space systems	1961
19640058406	Low speed tests of the 1/40-scale b-58a high angle stability force model wind tunnel data report	1961
19640058407	Wind tunnel force test of a 1/40-scale b-58a rotary model to determine stability and control characteristics during steady-state spinning modes data report	1961
19640058412	Handbook of Antennas at NASA Satellite Tracking Stations	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640058418	A Feasible Approach for an Early Manned Lunar Landing. Part 1- Summary Report of Ad Hoc Task Group Study	1961
19640058436	Detailed Test Objectives for Nasa Mission MA-4	1961
19640058438	AJ-1000 - 1,000,000-Lb-Thrust Lox/Lh Sub 2 Engine for Space-Vehicle Upper Stages	1961
19640058447	Range of Movements and Torque Measurements for International Latex Space Suit	1961
19640058460	On the analysis of dynamic behaviors of high polymers	1961
19640058463	Rocket propellants. a report bibliography- supplement i	1961
19640058468	Possible effect of equatorial launching on advent program	1961
19640058471	Arc jet application study final report, 1 mar. - 31 aug. 1961	1961
19640058478	Design Study of a Solid Propellant Rocket Motor Initial Stage for Very Large Space Vehicles	1961
19640058508	Survey range instrumentation for trajectory measurement, volume 5	1961
19640058510	Design Study of a Solid Propellant Rocket Motor Initial Stage for Very Large Space Vehicles. Volume II Final Report	1961
19640058520	Design Study for a Very Large Solid-Fuel Initial Stage <Third> Progress Report, 1 Nov. 1956 - 15 Dec. 1956	1961
19640058532	Research and development of high temperature resistant polymeric film forming materials monthly progress report no. 8, 1 oct. - 31 oct. 1961	1961
19640058533	Research and development of high temperature resistant polymeric film forming materials monthly progress report no. 7, 1 sep. - 30 sep. 1961	1961
19640058535	Project mercury. operations procedures	1961
19640058540	Flux mapping manual part iv - tables	1961
19640058543	A study of radiometer systems feasible for space satellite observations	1961
19640058546	Chronology for 1961. comment edition nasa historical report no. 5	1961
19640058564	Postlaunch memorandum report for mercurry- atlas no. 4 /ma-4/	1961
19640058567	Project mercury status report no. 10 for period ending apr. 30, 1961	1961
19640058569	Project mercury status report no. 11 for ending 31 jul. 1961	1961
19640058572	A representation of internal damping and relaxation in solid materials	1961
19640058574	Turning-point peculiarities in the near- resonant response of slightly tapered membrane strips	1961
19640058578	Analysis of pressurized gas and vapor supply systems for a gas supported dual sphere gyroscope, phase ii final report	1961
19640058579	Advanced propulsion studies and recommendations	1961
19640058581	Preliminary vibration and flutter analysis report - air vehicle, dyna-soar step 1	1961
19640058597	Ranger- range safety analysis and trajectory report, flight ra-2	1961
19640058598	Research and development to advance the state of the art of rocket propellant components quarterly report no. 1	1961
19640058599	Research and development to advance the state of the art of rocket propellant components quarterly report no. 2	1961
19640058602	Re-entry technology program. volume 3, management report	1961
19640058614	Research and development of high temperature resistant polymeric film forming materials quarterly progress report no. 2, 1 jun. - 31 aug. 1961	1961
19640058615	The nasa communications satellite program	1961
19640058616	Metallurgical effects of explosive strain rates on metal alloys first quarterly technical report, 1 jul. - 30 sep. 1961	1961
19640058617	Metallurgical effects of explosive strain rates on metal alloys third monthly progress report, 1-31 oct. 1961	1961
19640058618	Metallurgical effects of explosive strain rates on metal alloys fourth monthly progress report, 1-30 nov. 1961	1961
19640058619	Studies in the fields of space flight and guidance theory progress report no. 1	1961
19640058620	Metallurgical effects of explosive strain rates on metal alloys second monthly progress report, 1-31 aug. 1961	1961
19640058623	History, organization, administrative procedures, reports of the materials advisory board	1961
19640058627	Lunar sample recovery system study first progress report	1961
19640058638	Flight report vehicle 245/2013/3013. delta program-mission no.3 /tiros a2 payload/	1961
19640058640	Conceptual design studies of a vehicle in the two to three million pound thrust class final summary report	1961
19640058641	Flight report vehicle 312/2016/3018. delta program-missile no. 6 s-3 payload	1961
19640058645	Nasa research advisory committee on electrical energy systems preliminary 2nd report	1961
19640058662	Requirements of guidance and control subsystems for future spacecraft	1961
19640058664	Plug nozzle program quarterly progress report no. 3, period ending feb. 28, 1961	1961
19640058670	Aerodynamic characteristics of spherically blunted cones at mach numbers from 0.5 to 5.0	1961
19640058672	An error adjustment procedure as applied to telemetered flight mechanical measurements	1961
19640058674	Phoenix System Costs	1961
19640058675	Aerospace support techniques 720-b "management report"	1961
19640058676	Survey- range instrumentation for trajectory measurement. volume i- optical systems	1961
19640058688	Life Support Systems and Equipment	1961
19640058696	Performance summary for the arcon sounding rocket vehicle	1961
19640058697	Performance summary for the aerobee 300a sounding rocket vehicle	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640058698	Performance summary for the arcas sounding rocket vehicle	1961
19640058699	Performance summary for the javelin sounding rocket vehicle	1961
19640058700	Performance summary for the journeyman b sounding rocket vehicle	1961
19640058701	Performance summary for the jaguar sounding rocket vehicle	1961
19640058702	Performance summary for the little joe sounding rocket vehicle	1961
19640058705	Saturn ground support equipment manual 3.1	1961
19640058706	Performance summary for the journeyman sounding rocket vehicle	1961
19640058715	Initiation of tnt by impact final report	1961
19640058732	Evaluation of resistance strain gages at elevated temperatures progress report no. 12	1961
19640058733	A study of magnesium-lithium alloys	1961
19640058743	Phoenix systems costs, volume iii- calculations of the generalized cost model interim report, jul. 1960-apr. 1961	1961
19640058744	Interim report on phoenix system costs. volume 1- estimates and procedures	1961
19640058745	Development Plan for RL10A-3 Rocket Engine	1961
19640058804	Flight performance manual for orbital operations	1961
19640058805	Project development plan. orbiting geophysical observatories s-49, s-50	1961
19640058806	Pilot research study to determine the patterns of communication between nasa and groups within the scientific and professional community	1961
19640058814	[No Title]	1961
19640058829	Measurements of radiative view factor for mariner "a" spacecraft surfaces	1961
19640058831	Minutes of meeting of nasa earth model, msfc, may 4, 1961	1961
19640058833	Storable liquid propellant systems final report, 1 jul. 1959 - 28 feb. 1961	1961
19640058841	Reduced telemetry data for launch vehicle- mission no. 3 - tiros 2 payload, delta program	1961
19640058853	Lunar x-ray diffractometer final report, 19 dec. 1960 - 30 jun. 1961	1961
19640058855	Lunar petrographic microscope system final report, 26 apr. - 26 jun. 1961	1961
19640058859	Research study of photovoltaic solar cell parameters final report, jun. 1959-mar. 1960	1961
19640058872	Proceedings of operation gaslight radiation measurements symposium	1961
19640058881	A proposed mechanism for rocket plume emission at extreme altitudes	1961
19640058906	Lunar sample recovery system study final report	1961
19640058946	Development of high-energy, storable liquid propellant systems quarterly progress report no. 2, period ending oct. 9, 1961	1961
19640058984	Space chamber study. volume ii- description of final concept final report	1961
19640058988	Temperature dependence of the photovoltaic voltage of silicon	1961
19640058996	Snapcraft- a Conceptual Design Study	1961
19640059002	Transport and Conversion of Energy by Particulate Matter	1961
19640059010	Shock-boundary layer interaction and flow separation	1961
19640059021	Space chamber study, volume i. technical studies final report	1961
19640059024	Simulation of space environment and re-entry	1961
19640059027	Development of calibration equipment and reference standards for measurements at very low gas densities summary report / phase iii	1961
19640059028	Performance specification for fire protection and safety subsystem	1961
19640059034	Development of a lunar capsule subsystem bimonthly progress report no. 5, 1 jan. - 28 feb. 1961	1961
19640059080	Cryogenic diaphragm material development	1961
19640059093	A Resume of the Dynamic Stability Problems of Ballistic Bodies at Transonic Speeds	1961
19640059096	Project julie interim report ending 31 mar. 1961	1961
19640059100	Arnold Engineering Development Center Vkf Tunnel A. Test No. 68, Supersonic Airload Distribution Tests of AD-501M-1, a.06 Scale Model of the 844-2005 Dyna-Soar Glider Vehicle	1961
19640059101	Electrostatic accelerometer development interim engineering report	1961
19640059103	Preliminary XB-70 Panel Flutter Test Results	1961
19640059105	Infrared Spectra of High Altitude Missile Plumes	1961
19640059109	Low and very low frequency cross-section measurements final report	1961
19640059110	Radiative heat transfer at super-satellite re-entry velocities research note 225	1961
19640059113	Boeing supersonic wind tunnel test no. 108 glider transition section pressure and thermal environment during a rocket firing at controlled altitude and mach no. on ad-566m-1 a 075 scale model of ds-1 844-2050 glider data report	1961
19640059114	Bmews - ballistic missile early warning system quarterly engineering report no. 8, period ending 31 mar. 1961	1961
19640059115	Study of metal additives for solid propellants vol 2- results final report	1961
19640059117	Down-range anti-ballistic measurement program /damp/	1961
19640059118	Arnold Engineering Development Center VKF Tunnel A, Test No. 68, Supersonic Airload Distribution Tests of AD-501M-1,A.06 Scale Model of the 844-2005 Dyna-Soar Glider Vehicle Data Report	1961
19640059120	Q guidance for air-launched ballistic missile	1961
19640059121	Estimated weight and balance report, sm-68b	1961
19640059130	Electromagnetic field in a domain bounded by a coaxial circular cylinder with slots	1961
19640059144	Overall Study and Flight Evaluation of the Redstone Missile Propulsion and Associated Systems	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059151	Crew Station Design Requirements Specification	1961
19640059163	Space Sparrow: Feasibility Demonstration Navy Anti-Satellite System	1961
19640059165	On space weapons of mass destruction- military issues, political risks of proposing a formal ban, and alternative approaches	1961
19640059186	Drop-outs in magnetic tape systems	1961
19640059188	Commercial Supersonic Transport Aircraft Report	1961
19640059192	International air transport association conference on supersonic air transport. working papers 17-35	1961
19640059219	Air Vehicle External Loads Report. /Preliminary/	1961
19640059224	High resolution hemispherical reflector antenna techniques third quarterly report, 1 sep. 1961 - 30 nov. 1961	1961
19640059239	Nike-hercules final monthly interim progress report no. 36, dec. 1960 - mar. 1961	1961
19640059249	Qualitative considerations concerning the high altitude exhaust plume and its interaction with the ionosphere scientific report no. 5	1961
19640059264	Performance specification - secondary power subsystem - section 1, dyna-soar step 1	1961
19640059265	Jet Propulsion Laboratory Test No. 21-38, Hypersonic Pressure Test of AD- 4821-1, A.0305 Scale Model of the Dyna Soar	1961
19640059266	AEDC Tunnel a Test No. -70, High Speed Force and Pressure Test of AD-478M-1	1961
19640059270	System analysis and integration report	1961
19640059272	Data report pwt 123 stability test of the ds-1 model at ames research center	1961
19640059273	Data report bhst 006 hypervelocity test of a dyna-soar glider configuration	1961
19640059274	Structural integrity development and test program - technical data report - structures technology	1961
19640059278	Breadboard model development of a lunar gas chromatograph final report, 25 jan. - 31 jul. 1961	1961
19640059279	Data report, arc 11 foot x 11 foot test 45, high speed force and pressure test of the ad-478m-1	1961
19640059281	Data report, ames research center unitary plan 11 feet x 11 feet wind tunnel test no. 51. high speed air load and hinge moment tests of ad-501m-1, a .06 scale model of the dyna-soar glider	1961
19640059282	Data report arc 78 and 82 supersonic pressure and force tests on ad-478n-1. a .04-scale model of the step 1 dyna-soar boost vehicle	1961
19640059285	Data Report, Arc 11 Foot, Test 45, High Speed Force Test of Ad-478I-1	1961
19640059286	Environmental control subsystem preliminary design analysis	1961
19640059287	Data report arnold engineering development center vkf tunnel a, test no. 68, supersonic airload distribution tests of ad-501m-1, a .06 scale model of the 844-2005 dyna-soar glider vehicle, v. iii	1961
19640059288	Data Report - Langley 16 Foot Transonic Wind Tunnel Test No. 170. Transonic Speed Stability Tests on the Ad-366I-5 Model	1961
19640059290	Data report 655 - transonic speed test of the dyna-soar glider	1961
19640059303	Force tests of the avco-titan task vii configuration at supersonic and hypersonic and hypersonic mach numbers	1961
19640059326	Data Report. Center Tunnel A Test 134, High Speed Force Test of AD-478I-1	1961
19640059328	Cornell aeronautical laboratory hypersonic shock tunnel force investigation of the boeing airplane company dyna-soar model no. 473	1961
19640059331	Secondary power subsystem analysis - reaction control power component, model no. ds-1	1961
19640059333	Structural integrity development and test program - technical data report equal structures technology, model no. ds step i	1961
19640059337	Data report - btwt 623, high speed test of ad-366i-6	1961
19640059338	Data report aedc-f-bac-001. heating rate and pressure test of a-431m-1, model no. h ds-1	1961
19640059340	Ames Research Center Unitary Plan 11 Feet by 11 Feet Wind Tunnel Test No. 51. High Speed Air Load and Hinge Moment Tests of AD-501M-1, a.06 Scale Model of the Dyna-Soar Glider Data Report	1961
19640059342	Structural Integrity Development and Test Program - Technical Data Report - Structures Technology, Model No. DS Step I	1961
19640059343	Secondary Power Subsystems Analysis- Hydraulic Power Subsystems	1961
19640059354	Interaction of a Quantum Plasma with Electromagnetic Fields	1961
19640059359	Nitrogen and Oxygen Atomic Reactions in the Chemosphere	1961
19640059362	Secondary Power Subsystem Analysis - High Pressure Pneumatic Component	1961
19640059365	Dyna-Soar Step 1 Program Progress Report, February 1961	1961
19640059389	Preliminary Definition of Geophysical and Astrophysical Measurements in Dyna Soar Step I	1961
19640059391	Ames Research Center 9 Feet X 7 Feet and 8 Feet X 7 Feet Unitary Wind Tunnels, Tests 78 and 82. Supersonic Force Tests on AD-4781-1, A.04 Scale Model of the Step I Dyna Soar Boost Vehicle	1961
19640059393	Ballistic missile radiation analysis center. volume ii- ballistic missile radiation measurement resume ii semiannual report, 1 jul. - 31 dec. 1960	1961
19640059400	Interim dyna soar step i booster performance specification	1961
19640059430	General instability of cylindrical shells semiannual status report, nov. 15, 1960 - may 15, 1961	1961
19640059433	The 44t- half-life	1961
19640059442	Turbulence environment for supersonic transports	1961
19640059455	Data report btwt 634 low speed tests of the dyna-soar glider	1961
19640059461	Shear and bending deflections of flat airmat beams	1961
19640059479	Data Report BSWT 096, Supersonic Stability and Control Force Test of the AD-543 I-I Model	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059484	Radiation characteristics of rocket plumes	1961
19640059486	Combustion instability research at u. s. naval ordnance test station monthly news letter report, summary of progress, 8 apr. - 8 may 1961	1961
19640059492	Navigation guidance and control system for drone aircraft, volume 3, final engineering report, 27 may 1958 - 29 jun. 1961	1961
19640059497	The performance of inlets for supersonic combustion ramjet engines	1961
19640059498	Investigation of titanium boronitride and tantalum borocarbide materials systems final report	1961
19640059508	Investigation of an infrared television sensor for surveillance final report	1961
19640059521	Jupiter vehicle static test malfunction study	1961
19640059544	Force tests on a general electric mark iii nose cone model at mach numbers 15 to 18	1961
19640059550	Overall Study and Flight Evaluation of the Jupiter Missile Propulsion and Associated Systems	1961
19640059564	Boeing Supersonic Wind Tunnel Test No. 093- Supersonic Performance, Longitudinal and Lateral Directional Stability and Control Characteristics on Ad-3661-6. a.0666 Scale Model of the Dyna-Soar Glider Data Report	1961
19640059565	Structural Factors Trade Study Report, Model Dyna-Soar	1961
19640059566	Radio Guidance Analysis, Back-Up Trade Study and Recommendations Report, Model Dyna Soar	1961
19640059569	System description, operational plan, and evaluation - recoverable booster system study, volume i final report, 1 apr. - 31 dec. 1960	1961
19640059571	Recoverable booster study. vol. ii- recommended system final report	1961
19640059579	Mission Guidance and Energy Management Analysis Report	1961
19640059584	Supersonic Force, Stability and Control Test of the AD-5431-2, an.0666 Scale Model of the Dyna Soar Glider Data Report	1961
19640059593	Relation of small visual acuity defects to the ability to learn in flight training and perform in operational flying	1961
19640059595	Passive spherical satellite communications study. volume i- circuit requirements	1961
19640059606	The future of noncooperative and cooperative recognition systems in aerospace defense	1961
19640059607	Optical communication, ii	1961
19640059609	Dyna-soar step i, volume ii program progress report, jan. - mar. 1961	1961
19640059615	Dyna-Soar, Step I Quarterly Summary Progress Report, Jul. - Sep. 1961	1961
19640059641	Recoverable booster study. vol. iii- airbreathing configuration studies final report	1961
19640059648	Wind-tunnel measurements of side-force and yawing-moment coefficients on the spinning ev-11 rocket at angle of attack for mach numbers 2.50 and 3.50	1961
19640059652	Mark 3 advanced engineering program final report for aerodynamics	1961
19640059660	Title of report is secret, omitted	1961
19640059670	Data Report BTWT 636. Transonic Speed Test of the AD-5431-1	1961
19640059674	Dyna-Soar Step I Program	1961
19640059716	Qualitative considerations concerning the high altitude exhaust plume and its interaction with the ionosphere final report, pt. ii	1961
19640059719	Preliminary thermal analysis of the dyna-soar glider	1961
19640059727	Environmental Control Subsystem Preliminary Design Analysis - Mockup Configuration	1961
19640059729	Dyna-Soar Step I Program Progress Report, January. 1961	1961
19640059732	Dyna-Soar Step I Program Progress Report, April 1961	1961
19640059735	Additional Pressure Investigations of the Boeing Airplane Company Dyna-Soar Model No. 473 in the Cornell Aeronautical Laboratory Hypersonic Shock Tunnel, Model AD-473P-1	1961
19640059739	Data Report, ARC 12' PWT 122 Low Speed Test of the AD-4881-1, Model DS-I	1961
19640059740	Data Report 640 Transonic Speed Test of the Dyna-Soar Glider, Model DS-1	1961
19640059745	Secondary Power Subsystem Analysis - Power Generation Component, Model DS-I	1961
19640059749	Arousal effects and nystagmus during prolonged constant angular acceleration	1961
19640059753	Dyna-Soar Step 1. Communication System Analysis	1961
19640059756	A Low Speed Test of the AD-4881-2 Model Data Report	1961
19640059757	Hypersonic Tests of the A-3661-2 Model Data Report	1961
19640059772	Insulation materials for solid propellant rocket motors technical report, mar. 1960 - mar. 1961	1961
19640059781	Dyna-Soar Step 1	1961
19640059787	Jet propulsion laboratory test number 21-44, hypersonic control effectiveness test of ad-4821-1, a .0305 scale model of the dyna soar glider data report	1961
19640059790	Dyna-soar step 1 program progress report, apr. - jun. 1961	1961
19640059792	Air Vehicle Stability and Control Analysis Report, Model 851-1006	1961
19640059793	Ames research center 9 foot by 7 foot and 8 foot by 7 foot unitary plan wind tunnels, test nos. 80 and 83. supersonic airload distribution tests of ad-501m-1, a .06 scale model of the 844-2005 dyna soar glider vehicle data report	1961
19640059795	Ames Research Center 9 foot by 7 foot and 8 foot by 7 foot Unitary Plan Wind Tunnels, Test Nos. 80 and 83. Supersonic Airload Distribution Tests of Ad-501m-1, a.06 Scale Model of the 844-2005 Dyna Soar Glider Data Report	1961
19640059797	Boeing hypersonic wind tunnel test no. 043, a mach 6.1, full scale condition, surface roughness test on ad-496m-1 data report	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059798	Boeing Airplane Company Wind Tunnel Test 013. the Investigation of Heat Transfer and Pressure Distribution on a Dyna-Soar Nose Data	1961
19640059800	Arnold Engineering Development Center Tunnel B, Boeing Airplane Company Test No. 016. Mach 8 Surface Roughness Heat Transfer and Pressure Test on AD-500M-1 Data Report	1961
19640059801	Arnold engineering development center tunnel b, boeing airplane company test no. 015 mach 8 heat transfer and pressure test on the ad-477m-1, a 73 degree sweep back delta wing bi-radial leading edge research model data report	1961
19640059802	Shock Tunnel Pressure and Heat Transfer Investigations on Three Delta Wing Hypersonic Research Models	1961
19640059803	Mathematical system model - a static and dynamic analysis of the integration of the environmental control and secondary power subsystem	1961
19640059805	Dyna-soar propagation technical data	1961
19640059811	Dyna-soar i weight status report as of 21 august 1961	1961
19640059812	Dyna soar i weight status report no. 3 as of 13 october 1961	1961
19640059821	4.17 Percent Scale Dyna-Soar Heat Transfer Wind Tunnel Test Results	1961
19640059822	4.17 percent scale dyna-soar heat transfer wind tunnel test results, volume i- analysis and correlation	1961
19640059839	Ablation instrumentation	1961
19640059840	Design Study of a Large Unconventional Liquid Propellant Rocket Engine and Vehicle	1961
19640059848	Lunar x-ray diffractometer interim report no. 1, 19 dec. 1960 - 1 feb. 1961	1961
19640059852	Dyna-soar trend study fin flutter test re- port	1961
19640059853	DYNA-SOAR Cold Jet Base Re-Circulation Test on a 2 Percent Scale, Fore-Shortened Stage I Booster Model	1961
19640059856	Aerodynamic force, heat transfer, and pressure measurements on dyna soar configurations at mach no. 18 final report, jan. 1961	1961
19640059863	Ames Research Center 9 Feet x 7 Feet and 8 Feet x 7 Feet Unitary Plan Wind Tunnels	1961
19640059865	Heat transfer and pressure test at mach 16 and 22 on ad-532m-2, a .0305 scale model of the dyna soar 844-2035 glider, transition, and second stage booster sections. data report bhst-016	1961
19640059867	Jet Propulsion Laboratory Test No. 21-49. A Mach 6 and 9.5 Six Component Force Test on the AD-5391-1, A.0305 Scale Model of the Dyna Soar Glider Data Report	1961
19640059870	Hypervelocity heat transfer rate and pressure test on the ad-463m-2 model, a .200 scale model of the nose, forward of station 154.2 of the dyna-soar 2005 configuration at m equal 16 and 22./u/ data report bast-014	1961
19640059871	Arnold engineering development center tunnel b. boeing airplane company test no. 12. mach 8 heat transfer and pressure test on ad-462m- 1, a glider configuration data report	1961
19640059872	Hypervelocity test to determine the stability and control characteristics of the ad-588 i-1 model, a .040 scale model of the dyna-soar 2050 'hot shape' configuration at m equal 16, 19, and 22./u/ data report bhst-022	1961
19640059874	Arnold center tunnel b. boeing test number 18, hypersonic stability and performance tests of ad-540i-1, a .0660 scale model of the dyna soar data report	1961
19640059877	Dyna soar communications and data link subsystem interference control require- ments specification 400-1a	1961
19640059883	Dyna Soar (Step 1) Communications and Data Link Subsystem: Grounding and Bonding Requirements Specification 400-2	1961
19640059886	Indicator - angle of attack /dyna-soar/	1961
19640059908	Stress analysis approach dyna-soar glider	1961
19640059909	Indicator - Energy Management Display Used on Dyna-Soar	1961
19640059910	Indicator - thermal monitor	1961
19640059911	Indicator - velocity	1961
19640059912	Selection of specific application problems and investigation of technique application for an experimental fatigue detection device. development of a test device utilizing a practical non-destructive test technique to detect latent fatigue damage in m	1961
19640059913	Specification for dyna soar airborne data tape recorder set and ground recorder/reproducer set	1961
19640059914	Indicator - Rate of Climb Used on Dyna-Soar	1961
19640059915	Indicator - Altitude Used on Dyna-Soar	1961
19640059916	Indicator - attitude-director used on x-20 /dyna-soar/	1961
19640059930	Elimination of stray magnetic fields	1961
19640059931	1961 compendium of symposium papers	1961
19640059935	Preliminary Weight and Balance Data for the Titan II Dyna-Soar Booster	1961
19640059936	Operation and maintenance manual- cosmodyne recharging unit, model ra-3	1961
19640059937	An instrument for the measurement of stiffness of elastomers at low temperatures	1961
19640059952	Missile-borne radiometer measurements of the thermal emission characteristics of icbm plumes	1961
19640059962	Development plan, recoverable booster system study, volume ii final report	1961
19640059968	The Investigation of Heat Transfer Rates and Pressures on Semi-Conical Bodies at Hypersonic Speeds. Aedc-B. Boeing Airplane Company Wind Tunnel Test -10	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059977	An analytical investigation of flight control problems and static and dynamic response requirements of a high-speed, low-altitude missile supplement 1 to final report	1961
19640059986	Dyna-soar step i weight analysis report	1961
19640059990	The ablation of several materials under turbulent boundary layer flow conditions	1961
19640060045	Guidance and control equipment for minutemen production program plan	1961
19640060060	Summary of recent hypersonic inlet investigations at uac research laboratories	1961
19640060068	Design, development, and evaluation of three sets of dual pendulous gyro accelerometers	1961
19640060070	Research and development to advance the state of the art of rocket propellant components	1961
19640060071	Flame investigations final report	1961
19640060072	An investigation of the staging technique for the sm-68b /titan ii/ missile	1961
19640060108	An experimental study of the aerodynamic characteristics of finned re-entry vehicles	1961
19640060113	Dynamic landing and taxi analysis, c-130bl ski airplane	1961
19640060119	Conversion storage equipment - test instrumentation subsystem, glider	1961
19640060121	Aerodynamic heat transfer handbook, volume i	1961
19640060124	Juno ii program, technical information summary concerning juno ii - 19e	1961
19640060152	Data display study quarterly report no. 6, 21 mar. - 20 jun. 1964	1961
19640060154	Transistor, vhf silicon power /5w/ quarterly progress report, 1 apr. - 30 jun. 1963	1961
19640060155	System studies magnetic induction gyroscope	1961
19640060156	Steady state analysis of a space orientation system	1961
19640060189	A program for the computation of force and moment coefficients for bodies of revolution in free molecule flow	1961
19640060203	Field service handbook - cosmodyne recharging unit model trn 10/20/18	1961
19640060218	Jupiter missile malfunction study /jupiter and juno 11 program/	1961
19640060219	Investigation of the natural interference effects upon high thrust piloted and pilotless vehicular electronics system performance. part i- vehicle induced interference	1961
19640060220	Flow transition studies monograph no. 4	1961
19640060222	Guidance and instrumentation for ws 107a-1 /atlas/, ws 107a-2 /titan/ program progress report, 1-31 aug. 1961	1961
19640060225	Long-range acoustic propagation study data report	1961
19640060233	Millimeter generation and nonlinear propagation in ferromagnetics report no. 1	1961
19640060250	Dyna-soar i- weight status report	1961
19640060251	Investigation of the effects of advanced aircraft design upon the ems concept. operation analysis scientific report no. 1	1961
19640060282	Sparrow iii-6b quarterly progress report no. 1, 12 dec. 1960 - 12 mar. 1961	1961
19640060284	The post-failure response of aircraft wings to blast loading with application to the b-47 aircraft	1961
19640060300	Active communications satellite. preliminary project development plan	1961
19640060305	Dyna soar step-i- ground support system specification. part i, volume i- operational ground support equipment system specification /test operation plan/	1961
19640060329	Pretest plans for obtaining turbulent heat transfer and pressure data on three skybolt configurations in tunnel c of the arnold engineering development center, tullahoma, tennessee	1961
19640060331	A note on the radiation conductance of an axial slot on a cylinder	1961
19640060333	Infrared reflectivity of fe ₂ o ₃ .nh ₂ o influence on martian reflection spectra	1961
19640060339	Mercury network operations directive 61-1	1961
19640060369	Sorting multistatic radar range data using data interrogation processing techniques	1961
19640060371	Molybdenum /moly/ trade study report, model no. 844-2005 ds-1	1961
19640060383	Ws-133a minuteman guidance and control system flight test evaluation report xsm-80, flight test missile 403 tested at the atlantic missile range on 27 july 1961	1961
19640060384	Research in electromagnetic effects of missile flight final report	1961
19640060417	Prediction of circuit drift malfunctions of satellite systems quarterly progress report	1961
19640060419	Potential in a high-pressure gas diode	1961
19640060421	X-15 research airplane, naa model na-240 quarterly progress report, 1 may - 31 jul. 1961	1961
19640060425	Weapon system 107a-2- the arc-jet-propelled space vehicle, volume i status report	1961
19640060429	609a space research program monthly production status report no. 16, 1 jan. - 1 feb. 1961	1961
19650003097	Experimental investigation of the feasibility of ablation-cooling a rocket nozzle with possible application to solid-propellant engines	1961
19650010356	The gamma function with varying difference interval	1961
19650015067	Preservation of the maxwellian distribution form in a relaxing gas $\langle \sigma \rangle$ sokhranenii formy maksvellovskogo raspredeleniya v relaksiruyushchem gaze</math>	1961
19650057542	High power magnetically confined plasma duplexer fourth quarterly report, 1 mar. - 31 may 1964	1961
19650058690	Improved insulators for rocket motors quarterly progress report, mar. 1 - may 31, 1964	1961
19650059706	The effects of thermal radiation on coated aircraft skin progress report	1961
19650060396	Analytical investigation of heat-flux meters final report	1961
19650060718	Users handbook argo d-4 vehicle	1961
19650062928	Interceptor missile warhead deployment, volume ii final report	1961
19650065063	Scout- evaluation of first-stage control system for fourth vehicle and increased payload lift configurations	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066630	Design and construction of a lunar seismograph progress report no. 8, 1 apr. - 30 jun. 1961	1961
19650067429	Data acquisition, handling, and evaluation	1961
19650067604	Notch sensitivity of refractory metals	1961
19650067739	Exploding Bridgewire Systems for Spacecraft Application	1961
19650067787	Booster ground equipment model specification for titan ii/agera b	1961
19650068074	Mariner b capsule study - summary	1961
19650068238	Satellite s-45 ionosphere beacon transmitter final engineering report	1961
19650068446	Some evaluations of s/n ratio and bandwidth restriction effects on television picture quality	1961
19650069806	Advanced antenna system for the deep space instrumentation facility interim report	1961
19650069873	A study of injection guidance accuracy as applied to lunar and interplanetary missions	1961
19650069887	Optimum thrust programs for power-limited propulsion systems	1961
19650069889	Review of results of an early rocket-engine film-cooling investigation at the jet propulsion laboratory	1961
19650069892	Numerical Determination of Radiation Configuration Factors for Some Common Geometrical Situations	1961
19650069893	Prospects for advanced nuclear systems	1961
19650069901	Computer investigation of two important criteria for adaptive control systems	1961
19650069902	Gaseous fission reactors for booster propulsion	1961
19650069903	Three-dimensional optimum thrust trajectories	1961
19650069908	The doppler shift for accelerating transmitters, reflectors, and receivers	1961
19650069914	The determination of noise temperatures of large antennas	1961
19650069915	Destination - venus- communiques and papers from the soviet press, february 12 to march 3, 1961	1961
19650069917	Application of static-test vibration data	1961
19650070018	Experimental studies of unstable combustion in solid-propellant rocket motors	1961
19650070019	A closed-cycle system for gas bearings	1961
19650070071	A recommendation for a ground-based and balloon-borne, lunar-planetary observation program in support of the united states program of space exploration	1961
19650070124	Fundamental limitations to optical doppler measurements for space navigation	1961
19650070478	Sunflower power conversion system quarterly report, jun. - aug. 1961	1961
19650070479	Sunflower power conversion quarterly report, sep. - nov. 1961	1961
19650070483	Is aerodynamics breaking an ionic barrier	1961
19650070553	Two-stage potassium test turbine quarterly report no. 2, period ending nov. 8, 1961	1961
19650070674	Analysis of Short, Tapered Conical Shells	1961
19650070681	Evaluation of Certain Crushable Materials	1961
19650070799	The first flight of a man into cosmic space	1961
19650070800	The flight of vostok ii	1961
19650070801	Proposed program for the extension of solar concentrator development work	1961
19650070802	Optical properties of satellite surface materials- the theory of optical and infrared properties, part iii final technical summary report	1961
19650070805	Evaluation of regenerative fuel cell monthly progress report for nov. 1961	1961
19650070861	Landing systems for mars and venus spacecraft	1961
19650070870	Hot wire calorimeter study of ion production and acceleration	1961
19650071311	Spectrally selective photodetectors for the middle and vacuum ultraviolet, and, characteristics of a photoionization chamber for the vacuum ultraviolet	1961
19650071312	The Design and Performance Optimization of the The Thermal Sailplane	1961
19650071396	Development of normalized six-degree-of- freedom equations for analog simulation of atmospheric re-entry technical report, apr. 1960 - apr. 1961	1961
19650071839	Flow of an electrically conducting viscous fluid past a current-carrying finite flat plate	1961
19650072661	Concentrator structure for a solar energy photovoltaic conversion system final report	1961
19650072743	Effects of solar radiation pressure upon satellite attitude control	1961
19650072927	Breadboard penetrometer hardness measurement	1961
19650073168	Breadboard tests of the subsurface magnetic susceptibility coils partial report no. 14	1961
19650073169	Breadboard models of surface and downhole equipment final report	1961
19650073170	Breadboard tests of the surface and subsurface density measuring devices partial report no. 15	1961
19650073171	Breadboard tests of the surface magnetic susceptibility coils partial report no. 11 and supplement	1961
19650073172	Acoustic velocity breadboard tests partial report no. 10	1961
19650073173	Measurements related to thermal conductivity partial report no. 12	1961
19650073373	Lunar physical parameters study - breadboard development and tests of subsurface thermal apparatus partial report no. 13	1961
19650073520	Lunar physical parameters study- design calculations measurement of thermal diffusivity partial report no. 8	1961
19650073644	Scout system design report. supplement i- basic system design data	1961
19650073821	Naca conference on aerodynamic design problems of supersonic guided missiles	1961
19650074247	The nasa homopolar generator as an electro- magnet power supply	1961
19650074250	Nasa unconventional rocket nozzles utilizing external expansion	1961
19650074595	Experimental results of rapid in-core mapping techniques in the plum brook reactor	1961
19650074596	An experimental investigation of single aluminum "meteor bumpers"	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650074597	The Motion of a Satellite Under the Influence of a Constant Normal Thrust	1961
19650074598	Magnetic radiation shielding	1961
19650074712	Experimental effects of scaling on the performance of ion rockets employing electron- bombardment ion sources	1961
19650075252	On the cooling of microwave detectors	1961
19650075267	Estimate of space radiation effects on satellite solar cell power supplies	1961
19650075761	The radiation environment inside ego and pogo	1961
19650075835	Survival of comet nuclei and the asteroids	1961
19650075843	Radiation Hazards in Space	1961
19650075895	Balloon flight record status report, period ending 30 dec. 1960	1961
19650075896	A visual observation instrumentation system for the lunar orbiter final report	1961
19650075948	Computation of the bounding surface of a dipole field in a plasma by a moment technique	1961
19650075949	Lunar orbiter visual observation instrument subsystem final report	1961
19650076090	Investigation of r-f noise generation from space vehicles quarterly report no. 1, 24 jun. - 24 oct. 1961	1961
19650076253	Blast-wave correlation of pressures on blunt- nosed cylinders in perfect- and real-gas flows at hypersonic speeds	1961
19650076258	The near-ultraviolet, visible, and infrared spectra of molten kscn and nascn	1961
19650076263	Effect of specularly reflecting grey surface on thermal radiation through a tube and from its heated wall	1961
19650076309	Pilot safety program for mercury-atlas launch vehicle	1961
19650076316	Some pressure-drag effects of rounding the leading edges of hypersonic inlets	1961
19650076335	Spectroscopic Determination of Electron Temperature and Percentage Ionization in Helium Plasma	1961
19650076390	Transient conductivity of some semiconductors and plasmas	1961
19650076406	A symmetry relation in relaxation dispersions	1961
19650076410	Recovery of further data from 1958 epsilon	1961
19650076428	Tiros iii meteorological satellite radiation observations of a tropical hurricane	1961
19650076490	Seasonal variation of density and temperature over churchill, canada during solar maximum	1961
19650076547	A "contact rule" for rigid-sphere models of crystal structures	1961
19650076687	Ra-1 spacecraft flight performance interim report	1961
19650077404	Project mercury - report on observations of the mercury ground range during mercury-atlas /ma-4/ mission, september 11-13, 1961	1961
19650077407	Project mercury- report on observations of the mercury ground network during the mntv-1 network exercises of july 25-31, 1961	1961
19650077590	Weapon system 133a- minuteman stage iii. a study of environmental storage effects on the buckling strength of spiralloy weapon system 133a- minuteman stage iii. a study of environmental storage effects on the buckling strength of spiralloy	1961
19650077615	The concept and auxiliary flight experiments for expandable space structures	1961
19650077619	Weapon system 107a-2- the arc-jet-propelled space vehicle, volume i final report	1961
19650077620	Feeding devices for use with primates in space flight	1961
19650077624	The pressure distribution on a hyperbolic paraboloid roof	1961
19650077630	Microwave solid-state devices interim report, 1 jul. - 30 sep. 1961	1961
19650077633	Engineering services on transistors interim technical report, 1 oct. - 31 dec. 1960	1961
19650077650	Ground support system specification /test operation plan/. part ii- maintenance analysis specification /test operation plan/. volum ii- age requirements. dyna soar step 1	1961
19650077651	Advent/agera b aerospace ground support equipment. volume i- ground handling and service equipment engineering analysis report, period ending 1 jul. 1961	1961
19650077653	Advent program- program progress, facilities progress, production analysis, and security status report, 20 sep. - 20 oct. 1961	1961
19650077680	Boeing proposed statement of work- dyna soar /step i/ program period, 17 sep. 1961 - 30 jun. 1962	1961
19650077683	Engineering services on transistors first quarterly progress report, 4 jun. - 30 sep. 1961	1961
19650077688	Airborne radiation measurements final report	1961
19650077690	Dyna soar, step-i program and facilities quarterly progress report, oct. - dec. 1960	1961
19650077702	Solid propellant rocket motor, ex5 mod 1/u/ fourth quarterly progress report, 16 sep. - 15 dec. 1961	1961
19650077707	Substantiation of the xb-70 air vehicle drag, september 1959 - may 1961	1961
19650077713	Dyna soar primary guidance subsystem. part ii- three axis error detailed system analysis	1961
19650077714	Minuteman guidance and control equipment research development program	1961
19650077715	Pace advanced inertial guidance system technical report, jun. 24 - oct. 24, 1961	1961
19650077717	Advanced radar resolution techniques data processing study final report f/161, oct. 1, 1959 - sep. 30, 1961	1961
19650077718	Planning, producibility, logistics, and costs, recoverable booster system study, volume iii final report	1961
19650077724	Ex-5-mod o solid propellant rocket motor second quarterly progress report, 13 mar. - 13 jun. 1961	1961
19650077725	Asset Second Tri-Annual Progress Report	1961
19650077726	Dyna-Soar Step 1 Semimonthly Technical Progress Report, 16-31 Jul. 1961	1961
19650077727	On radiation from rocket exhausts- 1 to 107 kc/s scientific report no. 1	1961
19650077728	Force tests on a 0.10-scale model of the skybolt missile at mach numbers 2.5 through 5	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650077732	Study and development of terminal guidance for interplanetary vehicles. volume i- terminal guidance for space vehicles landing on mars final report, 15 jan. 1960 - 30 jun. 1961	1961
19650077733	Polaris progress report for october 1961	1961
19650077738	Proceedings of the study group on missile launch phenomenology, stanford research institute, 18 - 19 october 1961	1961
19650077746	Flash blindness recovery time following exposure to high-intensity short-duration flashes bureau of medicine and surgery report no. 14	1961
19650077753	An investigation of free piston compression of shock tube driver gas	1961
19650077766	Specification for the dyna soar step i mockup	1961
19650077767	Dyna soar program plan /step i/. government furnished aircraft equipment /gfae/ plan	1961
19650077768	The design of thin skin heat transfer models	1961
19650077776	Preliminary study of floating-wire boundary layer trips for preventing flow separation in the low reynolds number - high mach number regime	1961
19650077781	Dyna soar step-1 program and facilities quarterly progress report, 13 may - 31 dec. 1960	1961
19650077783	Research in electromagnetic effects of missile flight addendum to final report, 31 jun. - 15 sep. 1961	1961
19650077784	Mercury/atlas 109d /ma-6/. impact probability study	1961
19650077786	Survey of experimental data used for comparison of diffuser pressure recovery control parameters /project pluto ramjet engine	1961
19650077794	Dyna-soar master data measurements list. volume ii- locations	1961
19650077838	Dyna soar /step 1/ primary guidance subsystem. dyna soar detailed systems analysis report	1961
19650077839	Dyna-soar /step 1/ primary guidance subsystem. boost guidance - detailed system analysis	1961
19650077840	Dyna-soar /step 1/ primary guidance subsystem. three axis error analysis - d/s inertial system. part 1- general description	1961
19650077841	Dyna-soar/step 1/ primary guidance subsystem. three axis error detailed system analysis, part 111	1961
19650077842	Dyna-soar /step 1/ primary guidance subsystem. secondary attitude reference three axis error detailed systems analysis	1961
19650077857	Acania missile launch observations final report	1961
19650077858	Downrange data report- preliminary report on afmtc test no. 404 /atlas missile 12e/ research note 262	1961
19650077861	Effect of geophysical and geodetic uncertain- ties on ballistic missile dispersion	1961
19650077862	Ws-133a minuteman guidance and control system flight test evaluation report. xsm-80 flight test missile 404 tested at the atlantic missile range on 30 august 1961	1961
19650077865	Preliminary vibration and flutter analysis report - glider, dyna-soar	1961
19650077866	A preliminary hypersonic wake map	1961
19650077867	Guidance aspects of ballistic missile re-entry optical/infrared emissions	1961
19650077873	Provisions in the step i glider for step 11a military subsystem testing, model dynasoar	1961
19650077874	Dyna soar landing gear full-scale model high speed drop tests test request	1961
19650077878	Studies pertaining to bambi. volume i- satellite stability research final report	1961
19650077884	22.15 percent hot jet staging overpressure and insulation test preliminary report	1961
19650077891	An introduction to turbulence measurement with hot wire anemometers, part ii	1961
19650077895	Dyna soar step i- ground instrumentation systems specification	1961
19650077896	Dyna-soar industrial health program	1961
19650077897	Dyna soar step i- airborne malfunction detection system specification	1961
19650077898	Dyna soar step i- booster system development specification	1961
19650077900	The illumination of a cell surface in space due to the sunlight reflected from the earth	1961
19650077905	Dyna-soar step i semimonthly technical progress report, 15-30 nov. 1961	1961
19650077906	Dyna-soar step i semimonthly progress report, 16-31 aug. 1961	1961
19650077922	Scout	1961
19650077932	Mean electron density variations of the quiet ionosphere, number 6, august 1959	1961
19650077948	Advanced earth satellite weapon system. volume vi- environmental studies final report	1961
19650077949	Dyna-Soar Step I Semimonthly Technical Progress Report, 1-15 Dec. 1961	1961
19650077951	Dyna-Soar Step I Semimonthly Technical Progress Report, 1-15 Nov. 1961	1961
19650077952	Dyna-Soar Step I Semimonthly Technical Progress Report, 1-15 Sep. 1961	1961
19650077953	Dyna-Soar Step I Semimonthly Technical Progress Report, 15-30 Sep. 1961	1961
19650077954	Dyna-Soar Step I Semimonthly Technical Progress Report, 1-15 Oct. 1961	1961
19650077956	Dyna soar step i ground support system specification /test operation plan/. part ii- maintenance analysis specification /test operation plan/. volume i- air vehicle requirements	1961
19650077964	Tv broadcast from an earth satellite research memorandum no. 5	1961
19650077965	Phase iii design and development of a 1000 deg f hydraulic system bi-monthly progress report no. 4, 30 nov. 1960 - 30 jan. 1961	1961
19650077968	Saturn s-1 thrust buildup analysis	1961
19650078005	Target radiation and background measurements study program semiannual technical report, 1 jan. - 30 jun. 1961	1961
19650078064	Long focal length ballistic camera study final report	1961
19650078089	Absorption of electromagnetic energy by nose cones quarterly technical note, 1 aug. - 31 oct. 1961	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078094	Investigation of buffet phenomena on a 0.24-scale model of the forward portion of the titan b missile with the mark 4 and mark 6 re-entry bodies	1961
19650078097	Research and investigation on short wavelength camera tube final report, jun. 15 - dec. 15, 1961	1961
19650078107	Interservice radiation measurement program 59/60 final report, apr. 1959 - dec. 1960	1961
19650078108	Investigation of the modulatory characteristics of rocket exhaust flames final report	1961
19650078109	Wind tunnel tests of an avco mark xi flared re-entry configuration with blunt and sharp nose	1961
19650078111	Data extraction and tracking	1961
19650078114	Down-range anti-missile measurement program /damp/. damp electromagnetic research laboratory cross-section measurement data, avco decoy no. 59-1263	1961
19650078115	The influence of the titan ii second stage displacement system on the decoy pattern effectiveness	1961
19650078119	Multipath propagation and its effects on data transmission systems, part i final report	1961
19650078122	Blunt cone force and pressure tests at mach equals 19	1961
19650078123	Study of intent criteria final report	1961
19650078124	Pretest instructions to obtain hypersonic static and dynamic stability, backward stability, pressure distributions, and flow field surveys in the aedc tunnel c in support of the skybolt nose cone configurations	1961
19650078128	Apollo spacecraft design	1961
19650078130	Launch-Vehicle Design Features	1961
19650078131	Launch-vehicle performance characteristics	1961
19650078134	Lunar landing considerations	1961
19650078135	Lunar trajectory analysis	1961
19650078136	Abort considerations	1961
19650078137	A guidance and control concept for lunar missions	1961
19650078138	A study of a system for midcourse navigation	1961
19650078141	Influence of sustained accelerations on certain pilot-performance capabilities	1961
19650078142	Some physiological factors affecting the pilot under high sustained acceleration	1961
19650078143	Impact resistance of space vehicle structures	1961
19650078145	Radiation-design analyses for lunar missions	1961
19650078147	Measurements of the thermal radiation from shock layers of blunt bodies flying at velocities up to 44,000 feet per second	1961
19650078148	Effect of vehicle configuration on combined heating loads with special reference to radiative heating	1961
19650078149	Properties of materials for combined convective and radiative heating	1961
19650078151	Onboard propulsion system for lunar missions	1961
19650078152	Environmental-control system for lunar missions	1961
19650078153	Tracking and communications system for a lunar mission	1961
19650078154	Electric power supply system for apollo	1961
19650078155	Earth-landing-system design analysis	1961
19650078158	Crew participation in the apollo mission	1961
19650078164	Manual of on-site inspection of unidentified seismic events	1961
19650078167	Combustion phenomena as a function of pressure final report, 1 jan. 1958 - 28 feb. 1961	1961
19650078195	Static and dynamic stability and axial force investigations of the gam-87 re-entry configuration at mach numbers 1.58 to 3.48	1961
19650078196	Long-range acoustic propagation study data report	1961
19650078197	Static stability and pressure distribution tests of the ge mark 6 and 6a-1 nose cones	1961
19650078198	Dyna Soar Step I Booster Flight Control System Specification	1961
19650078199	Jupiter propulsion and associated systems flight measurement performance study	1961
19650078201	[No Title]	1961
19650078203	Evaluation of air turborockets as missile boosters, volume ii final report	1961
19650078207	Quarterly program progress report, period ending september 30, 1961	1961
19650078210	Tenth technical note, 1 january - 30 june 1961	1961
19650078211	Shillelagh- guided missile subsystem interim technical report no. 9, jul.-sep. 1961	1961
19650078213	Humidity indicator /model 2c/	1961
19650078221	X-ray damage mechanism study	1961
19650078229	On physical components of tensors	1961
19650078245	Ultraviolet and infrared spectral radiance of rocket exhaust plumes	1961
19650078249	Physical properties of the carboranes	1961
19650078250	Blast and Fragmentation Hazards from Booster Detonations	1961
19650078252	Evaluation of time measurement devices first quarterly progress report, 1 jul. - 30 sep. 1961	1961
19650078254	[No Title]	1961
19650078261	Dyna Soar Step I- Airborne Booster, Range Safety and Ordnance Equipment Specification	1961
19650078282	Analysis of one- and two-gimbal attitude gyros in a satellite application	1961
19650078283	Wire cloth conductance for inert gases	1961
19650078286	Extra fine refractory metal cloth for ion emitters	1961
19650078293	Research and development to advance the state of the art of rocket propellant components quarterly report	1961
19650078299	Long-range acoustic propagation study data report	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078300	Thermodynamic, chemical kinetic, and radiative properties of high temperature air with additives- proposed studies	1961
19650078301	Long-range acoustic propagation study data report	1961
19650078302	Dual mode seeker quarterly report, aug. - oct. 1961	1961
19650078304	Scientific Passenger Pod Program- Atlantic Missile Range Flight Test Plan Pod I	1961
19650078312	Redeye development program fifteenth interim technical report, oct. - dec. 1961	1961
19650078313	Dyna-Soar Program Plan, Step 1. Volume 1 - Summary	1961
19650078315	Detection and discrimination. methods of estimating projected area from thermal radiation of reentry vehicles monograph no. 9	1961
19650078316	Advanced recognition-identification techniques employing ultraviolet radiations	1961
19650078320	Radiation from shock-heated air. part ii- non-equilibrium radiation	1961
19650078321	Detection and discrimination. mk thermal radiation monograph no. 6	1961
19650078322	Theoretical detectable range of missile-generated sound	1961
19650078323	Mark 3 advanced engineering program- aerodynamics final report	1961
19650078324	Project teas. research planning for future strategic control systems, task ii final summary report	1961
19650078325	Force and pressure measurements on the avco mark xi and ogive-nose configurations at supersonic and hypersonic speeds	1961
19650078326	Studies pertaining to bambi- interceptor missile warhead deployment, volume i final report	1961
19650078359	Low and high temperature tests of the lacrosse missile industrial test plan f-3	1961
19650078365	Thermal radiation from missile exhaust plumes scientific report no. 2	1961
19650078369	Some design considerations relative to the utility of infrared in naval surface-to-air missile systems	1961
19650078371	Dynamic stability tests of the avco mark xi and ogive nose re-entry configurations at supersonic and hypersonic speeds	1961
19650078373	Lacrosse missile humidity test industrial test plan f-3	1961
19650078374	RL10A-3 Monthly Development Plan Second Technical Status Summary Report, 1 Jun. - 1 Jul. 1961	1961
19650078376	Missile and tail surface force tests of the douglas "skybolt" missile at mach numbers 2.5 to 5.9	1961
19650078377	Air-breathing propulsion for booster applications	1961
19650078379	Orbit reliability of the midas system /vehicle numbers 1209 through 1214, configuration iv-a and vehicle numbers 1215 through 1218, configuration iv-b/ third periodic review	1961
19650078382	Spadat system. volume i- spadats center description	1961
19650078391	Radiation-resistant computer feasibility study, phase i and ii final report	1961
19650078392	Pressure and Heat Transfer Test at Mach 16 and 22 on a.040 Scale Model of the Dyna Soar Glider 844-2035 Configuration Data Report BHST 013	1961
19650078393	[No Title]	1961
19650078394	Note on amr 409 re-entry data of mk iv nose cone	1961
19650078395	Rf communication experiment tital missile m-4 flight test no. 1	1961
19650078396	Dyna Soar Step 1 Program Progress Report, Oct. - Dec. 1960	1961
19650078429	Preliminary Vibration and Acoustics Analysis Report - Dyna Soar Step 1	1961
19650078431	One-percent scale model cold flow staging tests	1961
19650078444	Glider-Booster Air Vehicle Interface Specification, Dyna-Soar Step 1	1961
19650078445	Dyna-Soar Step 1, Titan II Booster Performance Specification	1961
19650078446	Dyna-Soar Program Plan /Step 1/. Volume II- Summary	1961
19650078449	Long-range acoustic propagation study data report	1961
19650078453	Project ramp- measurement of ballistic missile radiation /amr test 1815/	1961
19650078459	Study of Standardized Spacecraft and Launch Vehicles Technical Report No. 61-8	1961
19650078466	Firing test evaluation of pershing missile 313	1961
19650078469	Semiannual program progress report, july - december 1961	1961
19650078470	Long-range acoustic propagation study data report	1961
19650078471	Dyna-soar glider characteristics and booster restraints	1961
19650078472	Ds-1 standard aircraft characteristics, model no. 851-1006	1961
19650078502	The Atlas-centaur Program and the Code 'a' Mission	1961
19650078512	Saturn paraglider recovery system study second /final/ interim progress report, 10 mar. - 17 may 1961	1961
19650078530	Formation of silicon spheres for the multi- element large area solar cell technical summary report	1961
19650078531	Bamirac document accessions to july 1961	1961
19650078532	Study of integrated cryogenic fueled power generating and environmental control systems. volume ii- cryogenic tankage investigation	1961
19650078537	Design of a power system for a lunar mobile surface vehicle	1961
19650078541	Charts Used in Centaur Program Review, Nasa Headquarters	1961
19650078552	Manned aerodynamic reusable spaceship system studies	1961
19650078558	Flame heated thermionic converter research second quarterly report, 1 oct. - 31 dec. 1961	1961
19650078567	Propellant system optimization study, volume i phase i report	1961
19650078630	Radiation resistant combat vehicle investigation. volume iii- monte carlo multilayer slab geometry shielding code c-18 final report	1961
19650078636	Preliminary report on a new aluminum humidity element	1961
19650078645	Satellite and interceptor dynamics final report	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078655	Guidance and instrumentation for ws 107a-1 /atlas/, ws 107a-2 /titan/ program progress report, 1 - 31 jul. 1961	1961
19650078667	Guidance and instrumentation for ws 107a-1 /atlas/, ws 107a-2 /titan/ program progress report, 1 - 30 apr. 1961	1961
19650078675	Guidance and instrumentation for ws 107a-1 /atlas/, ws 107a-2 /titan/ program progress report, 1 - 30 jun. 1961	1961
19650078678	Down-range anti-missile measurement program /damp/, addendum to detailed re-entry data report, amr test no. 409	1961
19650078685	Preliminary XB-70 Panel Flutter Test Results Second Test Series	1961
19650078686	Semiannual program progress report	1961
19650078694	Analysis and Design Report Vol II and Appendicies: Dyna Soar Communications and Data Link Subsystem	1961
19650078697	Free-flight measurements of drag and stability of a blunt-nosed cylinder with a flared afterbody in air and carbon dioxide	1961
19650078701	Aerodynamic characteristics of a transport airplane configuration having tail surfaces located outboard of the wing tips at mach numbers of 2.30, 2.96, 3.95, and 4.63	1961
19650078709	Centaur Mission Report	1961
19650078712	Measurement of strain at interior points annual progress report	1961
19650078718	Aerodynamic and radiation cooling of test structures, volume i	1961
19650078722	Tests of the kaman krc-6m rotochute at transonic speeds	1961
19650078723	Performance of a te-236b retro rocket following simulated orbital conditioning	1961
19650078726	Studies on the application of x-ray as a lethal mechanism or decoy discrimination technique. volume 2- studies on the dynamic response of shell structures and materials to a pressure pulse	1961
19650078728	Thermal stress tests of multilayered spherical shells in the ten-megawatt arc shroud facility pre-test report	1961
19650078729	Preliminary analysis of the capabilities of a composite slab for an advanced heat-sink design	1961
19650078730	The extraction of stability data by means of telemetry from configurations tested in ballistic range	1961
19650078733	Accuracy along earth ballistic trajectories	1961
19650078734	Comparison of relative costs of thermal analysis methods for hypersonic vehicle compartments	1961
19650078739	Liquid propellant losses during space flight	1961
19650078745	The dicon system	1961
19650078757	Ablation into the hypersonic trail	1961
19650078759	An analysis of the normal-force characteristics of aerodynamic surfaces submerged in supersonic boundary layers	1961
19650078761	High speed flow and aerodynamic heating behavior of porous fibrous structures	1961
19650078763	Radar cross-section of low electron density plasma bodies of arbitrary shape	1961
19650078764	Reentry physics program semiannual technical summary report, 1 jul. - 31 dec. 1960	1961
19650078765	High mach number and materials research program. phase i, aerophysics research studies semiannual technical report, 1 jan. - 30 jun. 1961	1961
19650078772	Experimental pressure, temperature, and strain measurements on ablating hemispherical nose cones in hypersonic flow, test series ii	1961
19650078773	An experimental study of data capsule ejection through a nose-cone trailing wake	1961
19650078775	Air Force Dyna-Soar Military Test System Step I, Structural Design Criteria	1961
19650078776	Dyna Soar /Step 1/ Communications and Data Link. Volume I- Detailed Analysis and Design	1961
19650078777	Acceleration of Dyna Soar Program	1961
19650078781	Statement of Work System 620A, Dyna-Soar /Step I/, 27 April 1960 - 30 September 1961	1961
19650078801	A transonic flow region evaluation of various aerodynamic probes considered for the sergeant missile	1961
19650078805	Preliminary Analysis of General Purpose Hypersonic Vehicles, Eso-4450, Phase I Final Report, Period Ending 30 Jun. 1961	1961
19650078808	Radiation-resistant computer feasibility study, phase iii final report	1961
19650078817	Design recommendations for space vehicle components with regard to the meteoroid environment	1961
19650078823	Critical aerothermodynamic parameters in thermal protection design of space re-entry bodies. part ii- trajectory and structural design criteria considerations report no. 898	1961
19650078826	Study of integrated cryogenic fueled power generating and environmental control systems. volume v- integration and control studies, phase i summary report	1961
19650078839	Guidance and instrumentation for ws 107a-1 /atlas/, ws 107a-2 /titan/ program progress report, 1-31 may 1961	1961
19650078844	Unmanned soft landing lunar vehicle flight control system study	1961
19650078852	Shillelagh- guided missile subsystem interim technical report no. 8, apr. - jun. 1961	1961
19650078883	Downrange data report- preliminary report on afmtc test no. 104 /titan missile j-11/ research note no. 248	1961
19650078891	Investigation of single energy gap solar cell materials final report, nov. 1, 1960 - oct. 31, 1961	1961
19650078892	A unique experiment on midas ii for determining solar cell performance in space	1961
19650078916	Snap supporting r&d progress report, jul. - sep. 1961	1961
19650078928	[No Title]	1961
19650078929	[No Title]	1961
19650078932	[No Title]	1961
19650078934	[No Title]	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078937	Performance potentialities of direct energy conversion processes between electrostatic and fluid dynamic energy	1961
19650078940	Estimated altitude of equilibrium and frozen flow in the stagnation point shock layer and its dependence on nose radius	1961
19650078950	Condenser heat rejection systems monthly progress report, 1 - 31 nov. 1961	1961
19650078952	Model k-16b v/stol airplane research program	1961
19650078954	Advanced earth satellite weapon system. volume iv, phase i- behavior of materials in a space environment parametric analysis report	1961
19650078955	On the measurement of cosmic radio noise with the instrumentation of drte satellite s-27	1961
19650078960	Ionizer development and surface physics studies monthly progress report, nov. 1961	1961
19650078974	Notes on experimental techniques in aerodynamic heating problems	1961
19650078975	Measurement of electrical conductivity of ionized air during re-entry	1961
19650078987	Development of anion detection fuze final report	1961
19650078991	Down-range anti-missile measurement program. oscillation plane orientation and aspect angle history of a re-entry vehicle damp technical monograph no. 61-02	1961
19650078994	Space trends	1961
19650078995	The lifting reentry vehicle a literature survey	1961
19650078999	Experimental heat transfer and pressure distributions at high angles of attack on a series of highly swept delta wings at mach 8	1961
19650079009	Systems approach investigation. feasibility study and design program for a laboratory simulation testing facility technical note no. 1	1961
19650079031	System analysis of a regenerative hydrogen- oxygen fuel cell powerplant final report, 1 sep. - 31 dec. 1961	1961
19650079053	A-136 nuclear turbo-ram power plant /invention disclosures/. part i- direct cycle aerospace plane	1961
19650079054	Metallic wire fuel element materials irradiations test summary	1961
19650079057	Solubility of structural metals in lithium	1961
19650079061	Power sources research and development quarterly progress report, 1 oct. - 31 dec. 1961	1961
19650079066	Preliminary program plan for saturn stage s-ii	1961
19650079074	Space Launch Vehicle Economic Report Final Report	1961
19650079094	Preliminary results from brl neutron transport code for multilayer slabs	1961
19650079098	Detailed re-entry data report amr test no. 409	1961
19650079102	Optical scintillations from re-entering icbm nose cones	1961
19650079107	Infrared radiative processes in the atmosphere	1961
19650079111	Investigation of missile firing effects on turbine engine operation final report	1961
19650079117	Experimental results, p141 preliminary critical experiment	1961
19650079125	Cladding integrity of npr fuel elements above the uranium melting point	1961
19650079138	Static stability, pressure distribution, boundary-layer investigation, and heat transfer tests of lockheed polaris second-stage configurations at mach 8	1961
19650079139	Flutter Tests of a.06 Scale Xb-70 Low Speed Complete Model XB-70A Configuration	1961
19650079141	Weapons system 107 a-2- mark 4 re-entry vehicle reliability program status report	1961
19650079161	Development, design, and fabrication of a pure integral no-gimbal system breadboard model final technical report, sep. 1959 - sep. 1961	1961
19650079170	Study to determine aerodynamic characteristics on hypersonic re-entry configurations. part i- experimental phase. volume 3- experimental report, mach number 8 technical report, jul. 1959 - jan. 1961	1961
19650079171	Weapon system 107 a-2, static force data for tgv-1, d.t.m.b. 7' by 10' transonic test	1961
19650079188	Development of oxidation resistant columbium base alloys	1961
19650079199	Wind tunnel force tests of original pershing missile configurations at supersonic mach numbers	1961
19650079219	System description, operational plan, and evaluation recoverable booster system study, volume - final report, apr. 1 - dec. 31, 1960	1961
19650079221	Aerospace plane status review, october 1961	1961
19650079225	Study of mass, mass center location, and moments of inertia of space vehicles final report	1961
19650079238	High-strength aluminum alloy program interim report	1961
19650079253	A pulse code modulation phase-shift telemetry system for space experiments	1961
19650079259	Development and preliminary design of a 2000 deg f air heater	1961
19650079262	High pressure handbook for missile support systems	1961
19650079263	Mechanical system design-criteria manual for nitrogen tetroxide	1961
19650079268	Stability of lower boron halides administra- tive report, 1 jul. - 30 sep. 1961	1961
19650079270	Low temperature fuel cell battery final report, 1 jul. 1960 - 28 feb. 1961	1961
19650079295	Research for the determination of the standard heat of formation of oxides, nitrides and halides of various light metals administrative report no. 5, 1 jul. - 30 sep. 1961	1961
19650079308	Construction of the department of defense ionospheric research facility iii summary technical report no. 4, jul. 1 - dec. 31, 1961	1961
19650079320	Bearing attenuation	1961
19650079340	Nuclear debris detection by resonance scattering of sunlight, part i semiannual technical summary report	1961
19650079346	Infrared radiative processes in the atmosphere, part ii	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079368	Chemistry and contaminants in re-entry measurements	1961
19650079369	Program plan for project anna	1961
19650079370	Development of oxidation resistant columbium base alloys	1961
19650079373	Nak corrosion investigation of selected bimetallic systems	1961
19650079393	Development of an ion detection fuze final report	1961
19650079412	Study and preliminary design of an energy management computer for winged re-entry vehicles interim report	1961
19650079422	Design criteria and techniques for deployment and inflation of aerodynamic drag devices technical report, 1 may 1959 - jun. 1961	1961
19650079425	Study of parachute performance at low supersonic deployment speeds, effects of changing scale and clustering technical report, 1 jul. 1958 - 31 aug. 1959	1961
19650079430	Study of hypersonic aerodynamic decelerators incorporating lift final report, jun. 1959 - aug. 1960	1961
19650079432	Study of structural requirements of re-entry from outer space technical report, mar. 1960 - nov. 1960	1961
19650079433	On the "magnus effects" of an inclined spinning shell at subsonic and transonic speeds	1961
19650079435	Performance of trailing aerodynamic decelerators at high dynamic pressures, phase iv	1961
19650079436	Investigation of thermal effects on structural fatigue	1961
19650079437	Telemetry transducer handbook. volume ii- catalog, 30 june 1960 - 31 january 1961	1961
19650079450	Fibrous materials for decelerators and structures technical note, jun. - dec. 1960	1961
19650079452	Dyna soar- communications and data link subsystem. step 1- program plan shf communications site survey at edwards air force base	1961
19650079455	Dyna-soar, step 1- primary guidance sub- system. radio frequency interference control plan	1961
19650079474	An analysis of transient pressures due to rocket starting in underground launchers	1961
19650079479	Liquid-filled, rotating cylinder	1961
19650079485	Indicator - altitude, dyna-soar	1961
19650079486	Potential theory comparison with experimental data for cambered delta wings at subsonic, transonic, and supersonic speeds	1961
19650079499	Hydrodynamic theory and high pressure flow in solids technical summary report	1961
19650079511	Radiation resistant electronics progress report, 8 aug. - 31 dec. 1961	1961
19650079559	Full scale d140e1 side shield lih casting program	1961
19650079624	[No Title]	1961
19650079633	Oriented cellular structure propellant systems of very high impulse /project "beehive"/ quarterly progress report no. 7, jun. 26 - sep. 26, 1961	1961
19650079638	Transit 3-a flight report, first stage s/n283	1961
19650079663	Title of report is confidential-rd, omitted	1961
19650079664	Progress development quarterly report, apr. - jun. 1960	1961
19650079669	Heat transfer characteristics of crossed rod matrices at elevated temperatures	1961
19650079674	Correlation of theory with measurements in ceramic insert in hotce	1961
19650079677	Pressure bonding of hollow thorium cores in aluminum cans	1961
19650079685	Progress relating to civilian applications during june, 1961	1961
19650079687	Experimental results, p127 preliminary critical experiment	1961
19650079689	Analysis of the bem-i reactors - evaluation of reactor theory for beryllium studies	1961
19650079690	The dynamics of the p-140 reactor core mockup - a correlation of experiment and theory	1961
19650079702	General flight test plan	1961
19650079704	Atlas Launch Vehicle Program for Nasa Project Mercury Progress Report, 1 - 31 Oct. 1961	1961
19650079746	[No Title]	1961
19650079805	A plan for the development of a practical microminiaturization technique	1961
19650079871	NASA/DM-21/Agona B Satellite Vehicle Flight Termination Report	1961
19650079872	Project advent status report, 21 mar. - 20 apr. 1961	1961
19650079893	Internal friction study of oxygen and nitrogen interactions with columbium- zirconium alloy	1961
19650079910	Measured gamma spectra behind various thicknesses of beryllium, beryllium oxide, and lithium hydride	1961
19650079920	Phosphinoborane polymers	1961
19650079937	Icing flight tests of a fluid rotor blade ice protection system on a bell hu-1 helicopter	1961
19650079945	A compendium of the properties of materials at low temperature /phase ii/	1961
19650079949	Mechanically initiated reactions of organic materials in missile oxidizers	1961
19650079982	An analysis of the maser oscillator equations	1961
19650079991	An optical airborne re-entry designation system	1961
19650079999	Powered flight trajectory cases. project composite i	1961
19650080001	General flight test plan, project transit 4-b	1961
19650080002	High temperature resistant materials symposium. weapon system 133a, stage iii minuteman	1961
19650080005	Satellite vehicle orbital test plan for advent	1961
19650080006	Model Specification for Dyna Soar Step I Booster	1961
19650080016	Mercury Project MA-5 Mission X plus 7 Day Flight Test Report	1961
19650080030	Cooling techniques and heat transfer measurements in solid propellant rocket nozzles	1961
19650080031	Influence of trajectory on external insulation requirements for minuteman operational missiles	1961
19650080035	J-2 program monthly progress report, period ending 31 january 1961	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080036	J-2 program monthly progress report, period ending 28 february 1961	1961
19650080037	J-2 program monthly progress report, period ending 31 may 1961	1961
19650080038	J-2 program monthly progress report, period ending 30 june 1961	1961
19650080039	J-2 program monthly progress report for period ending 31 july.1961	1961
19650080040	J-2 program monthly progress report for period ending 31 august 1961	1961
19650080041	J-2 program monthly progress report for period ending 30 september 1961	1961
19650080042	J-2 program monthly progress report for period ending 31 october 1961	1961
19650080054	Launch Vehicle Size and Cost Analyses, Phase Ii, Summary Report. Part Ii- Nuclear Upper Stages	1961
19650080065	Activation response of metallic materials to various neutron spectra, volume iii	1961
19650080072	Atlas Booster Program for NASA Project Mercury. Progress Report, 1 - 31 Jul. 1961	1961
19650080073	An investigation of recombination and condensation effects in rocket nozzles second quarterly technical summary report, 15 aug. - 15 nov. 1961	1961
19650080075	Special nike-ajax rf hazards test technical memorandum no. 900	1961
19650080076	Studies pertaining to bambi- interceptor dynamics research final report	1961
19650080083	A Study of Six to Twelve Million Pound Thrust Launch Vehicles. Volume Ii- Vehicle Design Final Report	1961
19650080084	NASA Program for Advanced Launch Vehicles	1961
19650080087	J-2 Program Quarterly Progress Report, Period Ending 28 Feb. 1961	1961
19650080088	J-2 program quarterly progress report, period ending 31 may 1961	1961
19650080089	J-2 program quarterly progress report for period ending 31 august 1961	1961
19650080095	Miscellaneous Data in Support of LASL Presentation Before Engine Contract Bidders Briefing	1961
19650080097	[No Title]	1961
19650080100	Factory rollout inspection of mercury/atlas launch vehicle 109d	1961
19650080107	The design, testing and installation of ws 107a propellant-loading systems program progress report no. 5, oct. 1 - dec. 31, 1960	1961
19650080116	Steel airplane study	1961
19650080121	Reactor In-flight Test Program. Volume Iii- Vehicle Design and Engineering Final Report	1961
19650080133	Dyna-Soar Step I Vibration Analysis	1961
19650080137	Monthly Progress Report, 1-31 Dec. 1961	1961
19650080147	[No Title]	1961
19650080170	Activation response of metallic materials to various neutron spectra, volume ii	1961
19650080198	Experimental all-welded aluminum truss investigation technical report, jan. - nov. 1958	1961
19650080218	Electric propulsion	1961
19650080219	Mars instrumentation, accuracies, and performance capabilities	1961
19650080235	Study of high temperature thermodynamics of light metal compounds progress report, 1 apr. - 30 jun. 1961	1961
19650080236	Study of high temperature thermodynamics of light metal compounds progress report, 1 jul. - 30 sep. 1961	1961
19650080237	Elastomeric seals and materials at cryogenic temperatures	1961
19650080242	Composition of hydrogen gas at high pressures and temperatures	1961
19650080244	A study of usaf survival accidents, 1 january 1958 - 31 december 1961	1961
19650080248	The use of antioxidants, antiozonants, and antichecking wax to improve the resistance of sb-r compounds to ozone and weathering under extreme climatic conditions technical report, 1 aug. 1958 - 30 apr. 1961	1961
19650080256	Fabrication of pressure vessel through filament winding processes	1961
19650080302	Dyna-Soar Step I Acoustic and Vibration Environment	1961
19650080307	Reactor In-flight Test Program. Volume I- Summary Final Report	1961
19650080331	Liquid propellant rocket engine data summary- programmed vehicle propulsion systems, volume i	1961
19650080333	Wide-range rapidly tunable low-noise amplifier final report, mar. 1960 - may 1961	1961
19650080339	Conference on environmental effects on aircraft propulsion	1961
19650080348	Oscillation plane orientation and aspect angle history of a re-entry vehicle.	1961
19650080355	Nuclear Test Stage (RIFT Program). Final Preliminary Deisgn Report	1961
19650080356	Nasa reactor in-flight test summary of report.	1961
19650080369	Study of a light-scanned pickup tube final technical report, 17 mar. 1960 - 17 mar. 1961	1961
19650080387	Flight Evaluation Summary, Nasa Mission MA-4 /88D/	1961
19650080391	Range safety aerodynamic data for project transit 4-a	1961
19650080392	Program requirements for transit/anna at the satellite test center	1961
19650080393	Error analysis- project transit 4-b	1961
19650080395	Comparison of high energy upper stages	1961
19650080404	Detailed Flight Test Plan for Atlas-centaur Vehicle No. 1	1961
19650080410	Design, fabrication, and testing of a cesium ion rocket engine quarterly progress report no. 3, 1 mar. - 31 may 1961	1961
19650080431	Weight and Balance Status Report - Dyna-Soar Step I	1961
19650080437	Post Flight Analysis Ranger I	1961
19650080438	Weapon system reliability history-missiles	1961
19650080446	Air Vehicle Performance Characteristics Report	1961
19650080448	Aedc-B-Bac-19 Flow Survey Probe Test and Oil Flow Study on a Dyna Soar Wing Model Data Report	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080463	The effects of hypervelocity impact and subsequent re-entry heating on ablative re-entry vehicle materials. part ii- projectile parameter studies and preliminary full-scale tests	1961
19650080465	Project firefly 1960, volume iii. missile trail mechanisms, part iii semiannual report, 1 jul. - 31 dec. 1960	1961
19650080466	Dyna-soar flight control system stability analysis	1961
19650080472	The effects of hypervelocity impact and subsequent re-entry heating on ablative re-entry vehicle materials	1961
19650080477	Some research efforts related to problems of aerodynamic deceleration	1961
19650080492	Agenda. Program Review Advanced Research	1961
19650080507	RIFT - Reactor in Flight Test. Volume Ia - Vehicle Design. Final Study Report Phase II	1961
19650080508	Rift reactor in flight test, phase ii. volume i- vehicle design final study report	1961
19650080510	Study of compatible techniques for integrated circuit functions monthly status letter no. 3, 1-31 jul. 1961	1961
19650080511	Performance evaluation of the vortex ring parachute canopy	1961
19650080514	Phenylene sulfide polymers, april 1960 - february 1961	1961
19650080534	Temperature dependence of the permittivity of dielectric materials for dyna soar communications systems	1961
19650080547	Glider Performance Characteristics Report	1961
19650080548	Ascent guidance for satellite rendezvous systems	1961
19650080549	Monthly program progress report no. 1, 1 december - 31 december 1960	1961
19650080550	Voice and data communication link at millimeter wavelengths for aircraft operation in electronic countermeasures environment	1961
19650080551	Avionics in space	1961
19650080557	Radio guidance performance specification	1961
19650080564	Electroencephalographic findings in relation to episodes of altered consciousness in aviators	1961
19650080566	Electron beam welding special bibliography, 1959-1960	1961
19650080580	Thermal irradiation of plastic materials	1961
19650080582	Non-blocking linear pulse amplifier for scintillation and proportional counter	1961
19650080588	Joint fatigue tests of taper shank fasteners	1961
19650080591	Environmental test plan, energetic particles satellite /s-3/	1961
19650080610	Czechoslovak report on possible use of arti- ficial earth satellite in geodesy	1961
19650080611	Czechoslovak astronomical society marks 44th anniversary of formation	1961
19650080643	Plasma diagnostics with vacuum ultraviolet radiation final report, oct. 30, 1958- oct. 29, 1961	1961
19650080652	Nuclear magnetic resonance and relaxation in a spin system characterized by different zeemen and dipole-dipole spin temperatures	1961
19650080665	Simultaneous heat and mass transfer in the compressible laminar boundary layer of a dissociated gas	1961
19650080679	Performance requirements, communication satellite primary ground stations. annex ia to contractor work statement communication satellite tt and c ground stations	1961
19650080683	Digest of analysis of scientific and engineering manpower resources in industry through 1967, with special reference to nasa and dod	1961
19650080710	Spaceplane Presentation to National Aeronautics and Space Administration	1961
19650080719	Papers presented at 5th mil-e-con national convention, washington, d. c., 28 june 1961	1961
19650080728	Design criteria for automatic test and checkout systems final report	1961
19650080743	Reactor In-flight Test System. Volume lii- Test Program Final Report	1961
19650080751	Reactor In-flight Test /rift/ Final System Study Report	1961
19650080779	Nuclear Test Stage /rift Program/ Final Preliminary Design Report	1961
19650080784	Estimated Weight Report - Dyna-Soar	1961
19650080785	Dyna Soar Step I, Development Test Plan Summary Report, Period Ending Jun. 30, 1961	1961
19650080799	Summary of normal force and center of pressure data on a variety of blunt bodies	1961
19650080800	Interservice radiation measurement program 59/60 final report of the ballistic missile radiation analysis center, apr. 1959 - dec. 1960	1961
19650080801	Space power survey	1961
19650080818	Aerodynamic Stability and Control Data, Air Vehicle Model 851-1006	1961
19650080828	Launch Report for Atlas 111D/Agena-B 10205-6001 Ranger Spacecraft RA-1	1961
19650080860	Argus noise	1961
19650080861	Satellite rendezvous guidance system study supplemental report, 1 may - 30 nov. 1961	1961
19650080865	Jet Propulsion Laboratory Test Number 21-24, Hypersonic Trailing Edge Control Effectiveness Test of AD-482I-1, A.0305 Scale Model of the Dyna Soar Glider Data Report, 18 Jul. - 26 Jul. 1960, 11 Aug. - 15 Aug. 1960	1961
19650080869	Reactor In-flight Test System. Volume li- Airborne Vehicle Design Final Report	1961
19650080884	Presentation on the Diana-A Spacecraft	1961
19650080885	Radar echo area synthesis	1961
19650080890	Transit bimonthly technical progress report, 1 nov. - 31 dec. 1961	1961
19650080895	Preliminary analysis and test of an aerodynamic spike in hypersonic flow	1961
19650080912	Aerodynamic Stability and Control Data, Model 844-2035	1961
19650080937	Project ruby final report, 1 jul. 1956 - 2 apr. 1961	1961
19650080984	Correlation between physical and electrical properties of radome fabrics	1961
19650080999	Thermal erosion of ablative materials final report	1961
19650081002	Computer program for solving equations of motion of charged particles in electromagnetic fields	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081055	The technology of printed circuits and their use in the electrotechnical industry	1961
19650081061	A study of the mechanism of ablation of reinforced plastics	1961
19650081074	<paafb chemical laboratory manual. section 12- liquid fluorine, section 13- liquid hydrogen, section 14- nitrogen tetroxide, section 15- 50/50 udmh-hydrazine blend<	1961
19650081081	Burnout safety of a nuclear fuel element	1961
19650081085	Solar concentrator development and evaluation program	1961
19650081101	An outline of the basic equations and concepts of plasma dynamics	1961
19650081105	Observations on oscillation spikes in multi- mode lasers	1961
19650081112	9-cm observations of tau a, vir a, cen a, sag a, and the orion and omega nebulas scientific report no. 17	1961
19650081125	Investigation of submarine-borne antennas for reception from satellites	1961
19650081136	Transient heat transfer in targets irradiated by wide radiation beams preliminary report	1961
19650081145	Thermal radiation from missile plumes and shocks monthly progress report, 15 nov. - 15 dec. 1961	1961
19650081149	Geophysical model	1961
19650081164	Project Relay Active Communication Satellite System Study. Volume 2 - Radiation Experiment Final Report	1961
19650081184	Design study for a hypersonic low density wind tunnel	1961
19650081187	An investigation of spin axis instrument bearings final report	1961
19650081190	Investigation of stability test for refrigerator oils	1961
19650081191	Tradex instrumentation radar system semiannual technical summary report, period ending 30 jun. 1961	1961
19650081215	Investigation of radiation effects problems in nuclear heat exchanger rockets. phase 1- summary report	1961
19650081225	Biological systems in interplanetary environment semiannual status report	1961
19650081231	An operational weather satellite system study report no. 1	1961
19650081248	Pacific missile range situation summary, period ending 30 june 1961	1961
19650081250	A compilation of solid propellant theoretical performance calculations, volume ii	1961
19650081259	An evaluation of two readout array methods for presenting binary and decimal information	1961
19650081262	Development of refractory composite-materials systems for solid-propellant rocket motors second quarterly progress report	1961
19650081266	Scale-model test of a silo-type ducted launcher. volume iii- scale test simulating sltf-1, phase ii final report, feb. - sep. 1960	1961
19650081269	Satellite logistics maintenance and rescue final report, appendices	1961
19650081280	Survey and evaluation of phenomena and techniques in the ultraviolet, visible and submillimeter region for application to detection and astrosurveillance, part 2 final report	1961
19650081285	Dynamic analysis and preliminary design for a satellite vehicle guidance subsystem first quarterly technical report, 1 mar. - 1 jun. 1961	1961
19650081287	Development of lightweight case design for solid propellant rocket motors fifth quarterly report	1961
19650081289	Equations and constants for the r and d minuteman computer flight program	1961
19650081292	Unsteady state solid propellant burning quarterly progress report	1961
19650081311	Development Test Plan (Design), Dyna-Soar Step I	1961
19650081313	Instrumentation for the determination of the composition of the upper atmosphere technical progress report, 15 mar. - 15 jun. 1961	1961
19650081318	Low-temperature spontaneous transformations in fine-grained alkali metals	1961
19650081357	Aerojet-general corporation presentation to space technology laboratories, inc., los angeles, california	1961
19650081359	Annual progress report, 1 july 1960 - 30 june 1961	1961
19650081374	A Solid-propellant Nova Injection Vehicle System	1961
19650081421	Program plan, titan ii booster system	1961
19650081442	Spaceplane- aerodynamics and synthesis	1961
19650081443	Materials- spaceplane technical status report	1961
19650081444	Communication satellite, project advent, volume i preliminary design report	1961
19650081447	National Nuclear Rocket Development Facility, Volume III	1961
19650081449	Nuclear Test Stage Final Preliminary Design Report (rift) Appendix H	1961
19650081450	Rocket Engine Summary for the National Space Program Preliminary	1961
19650081468	Spaceplane. air enrichment systems analysis and design technical status report	1961
19650081478	Spaceplane- thermal protection systems technical status report	1961
19650081533	Lunar mobile system interim technical report	1961
19650081547	Sputtering mechanisms under ion propulsion conditions second quarterly progress report, 5 aug. - 5 nov. 1961	1961
19650081548	Spaceplane- aerodynamic heating technical status report	1961
19650081549	Preliminary analysis of techniques of ion augmentation	1961
19650081550	Aerodynamic Heating Test of the Aero- Nutronic Pod Models in the NASA Langley Unitary Plan Wind Tunnel Data Presentation Report	1961
19650081553	Development of a satisfactory method for measuring in-flight thrust of turbojet air- craft. gas generator method	1961
19650081555	NASA AMR/Pad 12/Ground Support Equipment Engineering Analysis Report. Volume III-Launch Control Systems	1961
19650081556	Study and development of a calculating light modulator semiannual technical report no. 3, 1 jul. - 31 dec. 1960	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081593	Velocity indicating coherent integrator including evaluation testing final report	1961
19650081612	A study of horizontal versus vertical assembly of large booster stages	1961
19650081613	Electromagnetic radiation from a nuclear explosion in space	1961
19650081620	Tensor time derivatives	1961
19650081638	Scale-model test of a silo-type ducted launcher. volume iv- data report, phase ii final report, feb. - sep. 1960	1961
19650081643	Redstone Vehicle Malfunction Study /mercury- Redstone Program/	1961
19650081673	Nuclear Test Stage /rift Program/. Appendix E- Nuclear Environment Test Program	1961
19650081674	Rift- volume iii. facilities and ground support equipment final technical summary report	1961
19650081675	Nuclear test stage /rift program/. appendix c- vehicle shield analysis for nuclear test stage final preliminary design report	1961
19650081676	Nuclear test stage /rift program/. appendix d- radiation effects analysis final preliminary design report	1961
19650081679	TS 609A Blue Scout Junior 2356 Vehicle, Flight Test D-2 Final Test Report	1961
19650081680	NASA Engineering Analysis Report Subsystem D	1961
19650081717	Evaluation of the general electric self- adaptive control system on the x-15 flight control simulator	1961
19650081737	Studies of the contact angles of storable liquid propellants final report	1961
19650081969	The rotation period of the planet mercury	1961
19650081976	Structural investigations in thermoelectric materials progress report, 1 oct. - 30 nov. 1961	1961
19650081977	Main propellant tank pressurization system study and test program six months progress report, 1 jul. 1960 - 15 jan. 1961	1961
19650081981	Pressure measurements between earth and moon quarterly status report, 1 dec. 1960 - 28 feb. 1961	1961
19650081995	Reliability Study for Computer System for Saturn Computer Complex	1961
19650082008	An investigation of the lubricating properties of molybdenum disulphide, part i	1961
19650082012	Report on the fifth biennial carbon conference	1961
19650082013	Sound generated aerodynamically - the bakerian lecture, 1961	1961
19650082018	A system for presenting steering information during visual flight /the head-up display/. part i - the effect of location of the instrument display on combined instrument and visual flying	1961
19650082020	Flight tests in tropical rain of double nozzle air blast systems for windscreen clearance - a preliminary assessment	1961
19650082021	Some properties of conventional glass-fibre insulation applied in spiral form to resist mechanical loads	1961
19650082022	The protection of magnesium alloys by the m.e.l. fluoride anodising and surface sealing processes	1961
19650082023	Strength and stiffness tests on multi-web boxes in steel and titanium at elevated temperatures	1961
19650082024	The estimation of the three-dimensional gyrations of a ballistic missile descending through the atmosphere	1961
19650082025	A preliminary study for an experiment on the motion of an electric arc in a magnetic field, at high pressures	1961
19650082028	Low-speed wind-tunnel measurements on a thin sharp-edged delta wing with 70 deg leading- edge sweep, with particular reference to the position of leading-edge vortex breakdown	1961
19650082034	Fatigue behavior under service and ground test conditions /a comparison based on the dakota wing/	1961
19650082035	A survey of current research in photoelastic- ity in britain	1961
19650082037	Analysis of air traffic controlled by the southern air traffic control centre on four days in 1960	1961
19650082039	Multi-web box construction research /aluminum alloy/	1961
19650082041	The errors of a pendulum erected vertical gyroscope in turning flight	1961
19650082042	Communication time probabilities for satel- lites randomly distributed in a circular equatorial orbit	1961
19650082047	The calculation of transient temperatures in turbine blades and tapered discs using bitot's variational method	1961
19650082049	Summary report on tests on representative structural forgings in ici.314a titanium alloy, and a comparison with steel	1961
19650082050	A thermal comparator for estimating the wall thickness of hollow turbine blades	1961
19650082051	Theoretical analysis of the performance of cascade blades	1961
19650082052	Reservoir temperature measurements in a hypersonic shock tunnel by sodium line reversal. part 1- single beam method	1961
19650082053	Note on the evaluation of solid blockage corrections for rectangular wind tunnels with slotted walls	1961
19650082054	The loading of swept wings at transonic speeds	1961
19650082058	Adjustment rules for automatic tracking	1961
19650082059	Pumping by gas solidification- a cryogenic pump	1961
19650082060	Details of computing facilities and a general description of tridac /a large analogue computer/	1961
19650082061	Analysis of kinetheodolite errors	1961
19650082064	The measurement of temperature in an argon shock tube by microwave noise radiation	1961
19650082065	Microwave interferometry studies in free- piston gun tunnels	1961
19650082066	An anomaly in tunnel-wall interference on a lifting wing	1961
19650082067	A theory of cascade interference	1961
19650082068	Non-axisymmetric flow through a high hub-tip ratio multistage axial compressor	1961
19650082069	Diffraction of a plane straight shock wave	1961
19650082073	Heat transfer from chemically reacting gases	1961
19650082079	Measurements of pitching moment derivatives for blunt-nose aerofoils oscillating in two- dimensional supersonic flow	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082082	The measurement of turbulence near the ground	1961
19650082087	Some thoughts on the planning of missile flight vibration trials	1961
19650082091	Project courier final report	1961
19650082110	Experimental and theoretical analysis of vibrational relaxation regions in carbon dioxide	1961
19650082114	Interim note on u. s. air force-navy-industry propulsion systems lubricants conference, november 15th, 16th and 17th, 1960, granada hotel, san antonio, texas	1961
19650082123	Transonic flow in two-dimensional and axially- symmetric nozzles	1961
19650082131	Feasibility of communication with satellites by means of tropospheric scatter	1961
19650082147	Structural analysis of turbine rings - calculated stresses in scalloped rings of constant section	1961
19650082148	Experimental lightweight high temperature ducting	1961
19650082149	Rebound of a high speed piston by gas compression in a closed tube	1961
19650082167	Observations on the flow near a lifting propeller	1961
19650082168	Analysis of the incidence of a tailplane flutter arising from modified stiffness and elastic coupling	1961
19650082177	Quarterly bulletin of the division of mechanical engineering and the national aeronautical establishment, 1 october - 31 december 1961	1961
19650082269	Protective coatings for ultra high tensile steels final report, jul. 1957 - oct. 1961	1961
19650082332	Measurement of the hovering performance of a helicopter by tethering	1961
19650082363	Performance summary for the exos sounding rocket vehicle	1961
19650082421	A Study of Two to Three Million Pound Thrust Launch Vehicle Systems	1961
19650082433	A Study 6-to 12 Million Pound Thrust Launch Vehicles	1961
19650082493	Earth Lunar Transportation System Study	1961
19650082519	Effect of aerodynamics on the perturbations of a space vehicle orbit	1961
19650082632	Space power systems	1961
19650082637	Structure removal with explosives /instrumen- tation phase/	1961
19650082678	Volume Changes and Poisson's Ratio of Polyurethane Propellants Under Tensile Deformations	1961
19650082729	Detail specification for yg739d1 guidance and control system for nasa scout	1961
19650082731	Study of principles of meteoroid protection progress report no. 1, 1 may - 30 jun. 1961	1961
19650082740	Preliminary Investigation of Manual Control of the Apollo Booster System Using the Manned Space Flight Simulator	1961
19650082750	Selected decisions, actions, and information requirements in present and future air/space defense systems	1961
19650082751	Radio frequency measurements firefly 1960 tests final report	1961
19650082759	Preliminary layout of information on the sigmator long-line for the ssc-35 computer	1961
19650082760	Power supply requirements for ssc-35 computer	1961
19650082761	Serial binary conversion logic of the ssc-35 computer	1961
19650082762	Main memory read-write addressing for ssc-35 computer	1961
19650082763	Preliminary buffer register design for the ssc-35 computer	1961
19650082764	Preliminary packaging schemes for the ssc-35 computer	1961
19650082766	Structural adhesive hermetic seal test	1961
19650082776	Thermostatic and transfer properties of hydro- gen twenty-first and twenty-second bi-monthly progress reports, jul. 1 - nov. 1, 1961	1961
19650082777	An introduction to the specification of opti- mum visual display design characteristics	1961
19650082782	Azusa mark ii tracking equipment engineering evaluation report	1961
19650082783	Theory of operation of the laboratory test equipment/fill-test unit	1961
19650082784	Guidance signal processor requirements for ssc-35 computer	1961
19650082785	Tape format for the ssc-35 computer	1961
19650082786	Fill and test control for ssc-35 computer	1961
19650082787	Ground support equipment for the ssc-35 computer and guidance signal processor	1961
19650082788	Effect of printed circuit board leakages in centaur type computer	1961
19650082796	Ridl model 34-13 multi-channel pulse height analyzer for satellite and space probe use	1961
19650082803	Precise long range radar distance measuring techniques	1961
19650082804	Personnel system specification and design, vanderberg, hawaii, and new hampshire stations quarterly report, apr. - oct. 1961	1961
19650082824	Re-entry vehicle instrumentation technology report	1961
19650082840	Military manned spacecraft study technical report no. 61-13	1961
19650082841	Space systems division semiannual propellant fuel and gas forecast	1961
19650082842	Effects of variable atmospheric density on the deceleration of re-entry vehicles	1961
19650082848	Classification of inertial navigation sensors, fundamental sensor study, volume 2	1961
19650082853	Wide band electronically steerable array techniques, phase i final report	1961
19650082866	Program i- aerospace ground equipment engineering analysis report. volume iii- launch control systems equipment	1961
19650082872	Infrared radiation measurements of missile launches from vanderberg air force base. ii - narrow band filter radiometry in 1.8 to 2.7 micron region second summary report, apr. - oct. 1960	1961
19650082876	Honeywell equipment assembly and checkout manual, base a and transition sections b and c for 609a program	1961
19650082878	High-capacity telemetry digitizer and vibration analyzer final report, sub-system a	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082896	Some measurements of the spectra of vocoder channel signals research report, apr. 1960 - mar. 1961	1961
19650082905	Sea level evaluation of a general electric co. model t58-ge-8b engine using a self-sufficient hydraulic starting system final report	1961
19650082918	Feasibility study on vortex combustion final report, jun. 25, 1959 - jun. 24, 1961	1961
19650082922	Summary of bell ducted propellar v/stol experience	1961
19650082929	An investigation of the ablation characteristics of slender cones of various materials in the chicago midway laboratories arc-jet facility, phase iii	1961
19650082930	New flight control system techniques for a highly elastic booster final engineering report, jun. 1960 - may 1961	1961
19650082931	Some aerodynamic considerations in the recovery of re-entry vehicles	1961
19650082933	Guidance and control equipment for minute-man quarterly technical progress report, 30 sep. - 31 dec. 1960	1961
19650082935	Analysis of report of aircraft and astronautics applications panel, section ii, phase ii	1961
19650082941	Aircraft in-flight load pickup system	1961
19660012296	Static longitudinal and lateral aerodynamic characteristics at a Mach number of 2.01 of a tailless delta V/STOL configuration having variable-sweep wing panels	1961
19660017746	Dynamics of viscoelastic shells and plates	1961
19660017750	Motion picture photography of variation processes of the domain structure of thin ferromagnetic films in a magnetic field	1961
19660017906	Some features of the transverse propagation of high frequency waves in a magnetoactive plasma	1961
19660020058	Velocity and energy of the Tungus meteorite	1961
19660020059	On the instability of a nonuniform rarefied plasma in an intense magnetic field	1961
19660069516	A fluid-transpiration-arc high-intensity light source Final report	1961
19660070609	Nike-Cajun sounding rocket vehicle Performance summary	1961
19660072866	Study report on orbital launch operations	1961
19660079280	Evaluation of solid propellants stored in simulated space environment	1961
19660080494	Essay on peaceful uses of a survey satellite	1961
19660080538	Orbiting Astronomical Observatory Thermal Control Sub-System Phase I Report	1961
19660080579	Orbiting Astronomical Observatory - Thermal Control Sub-System Phase I Report	1961
19660080880	Scout system design report	1961
19660081002	The upper atmosphere	1961
19660081023	Earth-moon simulator final report	1961
19660081122	Frequencies and modes of vibration of buckled circular plates	1961
19660081125	Tektite project annual report, may 1960 - may 1961	1961
19660081150	Power-bandwidth trade-offs for feedback fm systems - a comparison with pulse-code-modulation	1961
19660081474	Tiros ii meteorological satellite system, volume i final engineering report	1961
19660081475	Tiros ii meteorological satellite system, volume ii final engineering report	1961
19660081505	Installation, operating and maintenance handbook for nortronics earth-moon simulator part number 02080	1961
19660081606	Performance summary for the iris sounding rocket vehicle	1961
19660081661	Summary of research, part ii first annual report, dec. 1, 1959 - nov. 31, 1960	1961
19660081775	Progress report, 1-31 october 1961	1961
19660081834	Sloshing parameters for spherical tanks	1961
19660082068	Lunar drill study program final report, 15 aug. - 15 dec. 1960	1961
19660082070	Calculations concerning the passage of a satellite through the earth's shadow	1961
19660082176	The national program for lunar and planetary exploration	1961
19660082255	A thrust-torque dynamometer incorporating hydrostatic motor support	1961
19660082316	The Level and Specificity of Antibodies Evoked by Crude and Purified Enterovirus Antigens	1961
19660082510	Flight test objectives for ion propulsion systems final report, 1 mar. - 31 aug. 1961	1961
19660082543	Flexural properties of conolon 506 at room temperature, minus 320 deg f and minus 423 deg f	1961
19660082544	Mechanical properties of adlock 851 at room temperature, 1000 deg, minus 320 deg and minus 423 deg f	1961
19660082549	Evaluation of joints fabricated from cres 310	1961
19660082668	The international meteorological satellite workshop	1961
19660082759	A New Approach to Bend Testing for the Determination of Hydrogen Embrittlement Susceptibility of Sheet Materials	1961
19660082760	The thermodynamic properties of saturated oxygen from 24 deg r to 174 deg r	1961
19660082761	The tensile and shear properties of several solders at cryogenic temperatures	1961
19660082762	The Cryogenic Tensile Properties of Cold Worked 20 Percent and 25 Percent Nickel Steels	1961
19660082763	Titanium for cryogenic propellant tankage	1961
19660082765	The Susceptibility of Materials to Hydrogen Embrittlement from Chemical Milling Operations	1961
19660082769	Determination of the effects of iron and oxygen contents on the mechanical properties of titanium-5a1-2.5 sn alloy sheet at liquid hydrogen temperature /minus 423 deg f/	1961
19660082770	A Study of Austenite Decomposition at Cryogenic Temperatures, 1 January - 31 December 1960	1961
19660083255	Saturn	1961
19660083363	Hypervelocity Stagnation Point Heat Transfer	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660083439	Magnetic Properties of the Yarmylin Iron Meteorite Magnitnyye Svoystva Yarmylinskogo Zheleznogo Meteorita	1961
19660083541	Determination of the effect of oxygen content on the mechanical properties of titanium -5 al-2.5 sn alloy at room and cryogenic temperatures	1961
19660083542	Compatibility of titanium and titanium alloys with liquid and gaseous oxygen in missile propellant systems	1961
19660083543	Corrosion resistance of out-of-chemistry 301 full hard stainless steel sheet	1961
19660083545	Mechanical properties of ti-8al-1mo-1v alloy at room and cryogenic temperatures	1961
19660083546	Influence of creep damage on the toughness of ti-5al-2.5 sn and 301 stainless steel xfh at -423 deg f	1961
19660083549	Fasteners for use in low temperature applications	1961
19660083555	The first map of the far side of the moon pervaya karta obratnoy storony luny	1961
19660083582	Some results of study of gas turbine rotor air-cooling nekotoryye rezul'taty izucheniya vozdušnogo okhlazhdeniya rotorov gazovykh turbin	1961
19660083744	Radar location of planet venus	1961
19660083836	Lunar physical parameters study. acoustic velocity breadboard tests partial report no. 10	1961
19660083837	Lunar Physical Parameters Study. Breadboard Models of Surface and Downhole Equipment	1961
19660083838	Lunar physical parameters study. breadboard tests of the surface magnetic susceptibility coils partial report no. 11	1961
19660083841	Lunar physical parameters study. design calculations measurement of thermal diffusivity partial report no. 8	1961
19660083846	Lunar physical parameters study. breadboard tests of the surface and subsurface density measuring devices partial report no. 15	1961
19660083847	Lunar physical parameters study program. breadboard tests of the subsurface magnetic susceptibility coils partial report no. 14	1961
19660083848	Lunar physical parameters study. breadboard development and tests of subsurface thermal apparatus partial report no. 13	1961
19660084121	Extended feasibility study	1961
19660084198	Effect of external drift currents on the magnetohydrodynamic self excitation of the earth's magnetic field o vliyanii vneshnikh dreyfovnykh tokov na magnitogidrodinamicheskoye samovozbyzhdeniye magnitnogo polya zemli	1961
19660084284	Selection of a pcm frame synchronization code format final report	1961
19660084375	Alps - advanced liquid propulsion systems	1961
19660084498	New data on the optical properties and the chemical composition of the pyroxenes of s. e. madagascar	1961
19660084618	A study at a mach number of 2.01 of the shock boundary-layer interaction resulting from the deflection of a wedge mounted on a bypass plate	1961
19660084639	Dynamics and structure of the outer radiation belt	1961
19660084817	Probe, retractable, angle of attack transducer, part no. 10000070 qualification test report	1961
19660085129	Performance summary for the aerobee 150a sounding rocket vehicle	1961
19660085130	Performance Summary for the Jason Sounding Rocket Vehicle	1961
19660085469	Artificial Earth Satellites, No. 8	1961
19660085470	The Evolution of Artificial Earth Satellite Orbits Under Gravitational Perturbance of External Bodies	1961
19660085632	Staging solid-propellant rockets for spacecraft retardation	1961
19660085845	Preliminary report on experiments relating to the lunar surface	1961
19660086078	Human tracking performance under transverse accelerations	1961
19660086649	Project Mercury Final Progress Report, Jul. 1959 - May 1961	1961
19660086810	Ranger - spacecraft design specification	1961
19660086917	"Burnout Impulse" May Be Thrust Misalignment in Disguise	1961
19660086923	Numerical Determination of Short Period Trojan Orbits in the Restricted Three Body Problem	1961
19660087670	Generalized powered flight trajectory program for ibm 704 computer	1961
19660088457	Dyna soar step-i- booster design analysis for reliability	1961
19660088473	Special study saturn launch facilities	1961
19660088483	Radiation of a loop antenna in electrocon- ductive surroundings	1961
19660088495	Research on atmospheric attenuation of infrared radiation first semiannual report, 15 may - 31 dec. 1959	1961
19660088501	Optical frequency modulation techniques scientific report no. 1	1961
19660088508	Research on atmospheric attenuation of infrared radiation semiannual progress report, 1 jan. - 30 jun. 1961	1961
19660088511	Scout system design report. supplement ii- evaluation of first-stage control system for fourth vehicle and increased payload lift configurations	1961
19660088521	Mid-term progress briefing saturn c-2 operational requirement study second quarterly progress report	1961
19660088522	Removal of radioisotope parent material by producing high purity process water	1961
19660088534	Design considerations for air refueling receiver installations with the kc-135a flying boom	1961
19660088569	Saturn c-z manufacturing design study	1961
19660088579	Apollo Extension Systems	1961
19660088581	Project teas - research planning for future strategic control systems final report, task ii	1961
19660088601	Doppler tracker feasibility study	1961
19660088602	Directional control system for artillery-type missiles	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088604	Down-range anti-missile measurement program /damp/- damp electromagnetic research laboratory cross-section measurement data mk-4 nosecone	1961
19660088611	Down-range anti-missile measurement program- radar cross-section characteristics of nosecones and decoys	1961
19660088612	Survey of usaf electrical propulsion research	1961
19660088616	Communication satellite project advent telemetry data reduction program milestone 4	1961
19660088621	Signal modulation techniques final technical report, 3 oct. 1960 - 3 oct. 1961	1961
19660088666	High energy fast pulse system semiannual technical report, period to dec. 31, 1960	1961
19660088667	Development of organic sealants for applications at very low temperatures first quarterly report	1961
19660088669	Post flight report argo d-4 nasa 8.10	1961
19660088676	[No Title]	1961
19660088681	Downrange Data Report, AFMTC Test No. 5454, Titan Missile J-21	1961
19660088685	Passive radiation countermeasures feasibility studies laboratory test report	1961
19660088686	[No Title]	1961
19660088692	Hf radar observations of missile launches interim report no. 6	1961
19660088704	Heat transfer correlations for 90 deg corner interference effects on fin-flat plate model at a mach number of 8	1961
19660088709	Vortex combustion	1961
19660088713	Range safety probability study, project transit 4-a	1961
19660088730	Minuteman second-stage research and development program, volume i final report	1961
19660088735	Radiation measurements during launch phase irbm and icbm trajectories final report	1961
19660088744	The plasmas of missile flight - analysis of polaris a2x signal absorption	1961
19660088777	Libration damping in a gravitationally oriented satellite	1961
19660088804	Vehicle dynamics- nsf/stanford rocket propulsion institute	1961
19660088805	Speedball ii dispersion analysis for launching at kwajalein island	1961
19660088822	Evaluation of project mercury simulator final report	1961
19660088838	Improved phase modulator-demodulator second quarterly progress report, 1 sep. - 30 nov. 1961	1961
19660088842	5w-30mc medium power transistor	1961
19660088846	A literature survey of nitro-organic compounds related to solid propellant systems	1961
19660088852	Titan ii propellants, fuels, and gases usage and forecast semiannual report	1961
19660088858	Nominal trajectory and firing tables, ranger ii	1961
19660088883	Experimental Evaluation of Passive Systems for Damping Wobble in a Free Spinning Rigid Body	1961
19660088891	Chemical release studies vi- optical proper- ties of chemiluminescent clouds for two-body chemical reactions without diffusion	1961
19660088924	Calculation of transient ablation	1961
19660088933	Low speed wind tunnel tests of a 1/5-scale model of the argo d-4 research rocket to determine the low speed aerodynamic characteristics of the model	1961
19660088937	Investigation of a low-thrust plasma propulsion device final technical summary report	1961
19660088944	Joint army-navy-air force-arpa-nasa panel on physical properties of solid propellants, addendum	1961
19660088950	Condesation of atomic and molecular hydrogen at low temperatures	1961
19660088952	Survey and evaluation of phenomena and techniques in the ultraviolet, visible and submillimeter region for application to detection and astrosurveillance, part i final report	1961
19660088961	S-11 stage and ground support equipment report specification- acceptable, acceptable with deviations, and nonapplicable	1961
19660088978	Detailed Technical, Logistics and Cost Information on Ship Launch of Atlas- Centaur	1961
19660088979	Apollo Extension Systems. 1300 Cubic Foot Laboratory. Nasa Flight 521 Orbital Physical Laboratory	1961
19660088980	Apollo extension systems - 1300 cubic foot laboratory - nasa flight 518 earth sensing	1961
19660088988	Apollo Extension Systems 1300 Cubic Foot Laboratory	1961
19660088994	Apollo Extension Systems	1961
19660089009	Studies pertaining to bambi- ballistic missile plume wind tunnel resarch semi- annual technical documentary note, 30 nov. 1960 - 30 may 1961	1961
19660089030	Program 622a mark v-a parachute development tests final flight test report, aug. - oct. 1961	1961
19660089033	Flight test master countdown, blue scout i vehicles flight test planning report	1961
19660089037	Electric arc-powered research facilities for materials and structures testing	1961
19660089038	Electric-arc jets for producing gas streams with negligible contamination	1961
19660089041	Extended Satellite Rendezvous Study Quarterly Report, 31 May - 31 Aug. 1961	1961
19660089066	Vlf measurements of missile launchings final report	1961
19660089084	Joint army-navy-air force thermochemical panel, proceedings of third meeting	1961
19660089105	Nasa/agera-b Ranger Program. Launch Report for Atlas 117d/agera-b 10205-6002 Ranger Spacecraft Ra-2	1961
19660089112	Communication satellite, project advent, volume 3 preliminary design report	1961
19660089113	Radiation cell cooling, exhibit b final technical documentary report	1961
19660089123	Radiation characteristics of exhaust plume from aluminized solid propellant rocket engine	1961
19660089145	Strategic orbital system, sr-181, volume i final report	1961
19660089152	NASA Agena Propulsion System	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089183	The nuclear/chemical pulse reaction propulsion project second progress report, 1 apr. - 31 aug. 1960	1961
19660089207	Chemical release studies. iii - some theoretical considerations relating to radiative recombinations	1961
19660089210	Mission Plan, Tiros Iii	1961
19660089223	Lobar long baseline radar system - an/gsq-32 /xw-1/. volume iv - subsystem test data /xw-1/, volume iv /u/ final report, jun. 1958 - dec. 1960	1961
19660089270	Performance and properties of liquid propellants	1961
19660089275	Radiation temperature of the sea and sky	1961
19660089277	The influence of control sensors on the stability of space vehicles	1961
19660089314	Hydrogen mass flowmeter development final report, nov. 30, 1959 - jun. 26, 1961	1961
19660089325	Thrust coefficient charts	1961
19660089328	Sound ranging for the rocket-grenade experiment quarterly progress report no. 1, jan. - mar. 1961	1961
19660089360	Design report for Ir119 rocket engine	1961
19660089362	Nozzle system development for hybrid propulsion system	1961
19660089363	Flight test evaluation report, missile 97d	1961
19660089369	Lr119 semiannual technical summary report, 8 august 1960 - 8 february 1961	1961
19660089383	Experimental force data on hypervelocity lifting body configurations	1961
19660089401	The mechanism of solar flares and of the generation of cosmic rays in flares	1961
19660089424	Saturn s-iv stage base heating test program. cold flow model	1961
19660089426	Developmental work on a satellite yaw attitude and inertial rotation rate sensor	1961
19660089430	A Study of Six-to-twelve-million-pound-thrust Launch Vehicles	1961
19660089445	Rift. Volume Ii - Vehicle Design Final Technical Summary Report	1961
19660089446	Rift. Volume Iv - Program Plan Final Technical Summary Report	1961
19660089448	Nuclear engine studies	1961
19660089449	Appendices to Saturn C-4, Status of Technical Planning as of October 24, 1961	1961
19660089463	Lr119 monthly technical status report no. 1, 8 feb. - 8 mar. 1961	1961
19660089464	Lr119 monthly technical status report no. 2, 8 mar. - 8 apr. 1961	1961
19660089466	Nasa f-1 engine quarterly progress report no. 9, 1 jan. - 31 mar. 1961	1961
19660089467	Nasa f-1 engine program quarterly progress report, 1 jul. - 30 sep. 1961	1961
19660089476	National nuclear rocket development facility, volume i	1961
19660089477	Nuclear Test Stage /rift Program/. Appendix a - Nerva Test Engine Data Final Preliminary Design Report	1961
19660089479	Summary of Presentation to the National Aeronautics and Space Administration on the Reactor-in-flight Test Program	1961
19660089486	National Nuclear Rocket Development Facility, Volume Ii	1961
19660089508	Instrument Error Analysis of the Delta Minimum Guidance System. Volume Ii- Instrument Error Analysis Final Report	1961
19660089522	Atmospheric fallout from an extra-atmospheric nuclear explosion	1961
19660089546	Orbital parameter estimation - special methods for special purposes	1961
19660089547	Survey of adaptive control systems	1961
19660089554	Fast- a digital computer program for the analysis of space structures and adjacent shells of revolution	1961
19660089555	Lateral steering and energy management of a hypersonic glide vehicle	1961
19660089559	The experimental evaluation of passive systems for damping wobble in a free spinning rigid body status report	1961
19660089560	Pcm format recommendation - dyna-soar test instrumentation sub-system final report	1961
19660089566	A new navigation concept for orbital systems, spacecraft, and intercontinental missiles	1961
19660089574	Saturn Pneumatic Control System Reliability Index	1961
19660089576	Inner tube spring assembly test	1961
19660089578	Proceedings of the infrared information symposia, volume 6, no. 1	1961
19660089579	Satellite-rendezvous guidance system	1961
19660089588	Operation gaslight in australia semiannual technical summary report, jul. - dec. 1960	1961
19660089606	Preliminary form of mariner a guidance equations	1961
19660089614	Design study of a solid propellant rocket motor initial stage for very large space vehicles, volume ii final report	1961
19660089649	Investigation of actuation torque and dynamic sealing in swivel nozzles for solid propellant rocket engines	1961
19660089654	National nuclear rocket development facility, volume iii	1961
19660089656	Feasibility study nuke-apache rocket system with fiberglass payload final report	1961
19660089663	The JPL Deep Space Instrumentation Facility (DSIF)	1961
19660089669	Preliminary design and development of a terminal alignment sensor	1961
19660089688	Preliminary investigation of a self-contained space navigation instrument	1961
19660089701	An internal ballistics system for a propellant driven piston	1961
19660089705	Improved techniques for the construction of plastic infrared filter wheels and optical calibration filters	1961
19660089706	Structural design and high temperature materials selection for a swivel nozzle	1961
19660089716	Design Study of a Large Unconventional Liquid Propellant Rocket Engine and Vehicle. Volume 1 - Discussion, Part 2	1961
19660089721	The thrust vector and thrust magnitude control rocket nozzle design and development program project report, 1 jan. 1960 - 31 may 1961	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089735	Research study to determine propulsion requirements and systems for space missions interim report, 1 feb. - 31 may 1961	1961
19660089736	Celestial map matching	1961
19660089740	Research study to determine propulsion requirements and systems for space missions interim report, 1 feb. - 31 may 1961	1961
19660089770	Environmental and life tests, resistor, variable, trimming	1961
19660089776	Analysis of special jpl radar antennas to be flown on an aerobee 150 final report	1961
19660089785	Analysis of special antennas for a nasa celescope experiment to be flown on an aerobee 150a final report	1961
19660089819	Design Study of a Large Unconventional Liquid Propellant Rocket Engine and Vehicle, Volume 4	1961
19660089824	[No Title]	1961
19660089826	Design Study of a Large Unconventional Liquid Propellant Rocket Engine and Vehicle. Volume 2 - Appendixes	1961
19660089839	F-1 engine development program eight quarterly progress report, oct. 1 - dec. 30, 1960	1961
19660089840	Design study of a large unconventional liquid propellant rocket engine and vehicle. volume 1 - discussion, part 1 informal monthly progress report no. 4, aug. 1-25, 1961	1961
19660089905	Ogo design modification and evaluation study. volume ii- appendixes final report	1961
19660089906	Ogo design modification and evaluation study, volume i final report	1961
19660089917	15.5 million pound-seconds solid propellant segmented motor	1961
19660089920	Infrared quantum detectors	1961
19660089954	Centaur Project Development Plan	1961
19660089959	Test of the Avco Mark Xi Shape Configurations	1961
19660089970	Fifth h-1 engine program report - summary of development, december 1960 - february 1961	1961
19660090003	Preliminary gfp/gfae requirements for saturn stage s-11	1961
19660090008	Qualification test report for resistors, fixed, wirewound /accurate/ daven company parts nos. rb54ae, 55ae, and 56ae	1961
19660090012	St 5-9 scout vought astronautics booster systems second technical progress report, 1 jan. - 31 mar. 1961	1961
19660090020	Report of tests. sergeant original side frame member versus flanged side frame member at watertown arsenal on 25 and 26 july 1961	1961
19660090027	Fifth technical progress report, 1 october - 31 december 1961	1961
19660090029	Scout first technical progress report, 1 jul. - 30 sep. 1961	1961
19660090032	Second technical progress report, 1 october - 31 december 1961	1961
19660090040	Composite inorganic resilient seal materials	1961
19660090049	Detailed Test Objectives for Delta Launch Vehicle S/n 295/2015/3015 /p-14 Payload/	1961
19660090054	Saturn S-iv Materials and Process Development Report Summary Report, Nov. 1960 - May 1961	1961
19660090055	Saturn S-iv Stage Weight and Balance Status Report	1961
19660090056	Monthly Progress Report No. 1 15 May - 5 June 1961	1961
19660090057	Saturn Annual Technical Progress Report, June 1960 - June 1961	1961
19660090058	Saturn Monthly Technical Progress and Quarterly Report	1961
19660090059	Saturn S-iv Stage Weight and Balance Status Report	1961
19660090067	Saturn S-iv Stage Weight and Balance Status Report	1961
19660090068	Launch Time Intervals for Delta S-16 Payload Mission	1961
19660090070	Saturn S-iv Stage Weight and Balance Status Report	1961
19660090072	Saturn Monthly Technical Progress Report	1961
19660090073	Saturn Monthly Technical Progress Report	1961
19660090074	Saturn S-iv Stage Weight and Balance Status Report	1961
19660090078	Delta Monthly Technical Progress Report	1961
19660090081	Delta Monthly Technical Progress Report	1961
19660090083	Saturn S-iv Stage Weight and Balance Status Report	1961
19660090092	Detailed Test Objectives for Delta Mission No. 6, Launch Vehicle - S/n 312/2016/3018, Payload - S-3	1961
19660090095	Signal modulation techniques first semiannual technical report, 3 oct. 1960 - 3 apr. 1961	1961
19660090105	Saturn Monthly Technical Progress Report	1961
19660090113	Attenuation and center-limb variation of the wings of the mg series 31p-n1d on the sun	1961
19660090114	Theory of the evolution of metals during fatigue. variation of the spatial distribution of the stability of the obstacles to plastic creep	1961
19660090115	The perpendicular transmission of electromagnetic waves through a layer with space-dependent dielectric constant	1961
19660090116	Fatigue of aircraft structures. part iii - calculations and fatigue tests on airframes	1961
19660090117	On the fatigue of airframes	1961
19660090118	A new kind of mercury rotation-transmitter for measuring purposes	1961
19660090121	Research on the earth's gravitational field by means of artificial satellites	1961
19660090122	On reflection in an inhomogeneous medium	1961
19660090123	Fatigue of aircraft structures. part ii - damaging by fatigue and fracture of the notched pieces	1961
19660090141	Long-range acoustic propagation study data report	1961
19660090152	The center - limb - variation of the balmer lines h alpha - h delta on the solar disc	1961
19660090154	Rate of reaction of sodium and lithium in the high atmosphere	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090165	The analytical representation of the geomagnetic field. part ii - together with a presentation of the initial data from a new computation of the potential up to the 15th degree	1961
19660090191	An operations manual for the photographic- projection display system of war games division, cd, usconarc corg memorandum	1961
19660090195	Preliminary model specification for saturn stage-ii ground support equipment	1961
19660090227	[No Title]	1961
19660090237	Results of minuteman model tests to investigate in-flight base heating summary report	1961
19660090250	Vendor qualification test for iid 479-0277 cleviste transistor products diode	1961
19660090290	Standards converter for television exchanges between europe and north america convertisseur de normes pour echange de television entre l'europe et l'amerique du nord	1961
19660090295	Control requirements for space vehicles. two-impulse orbit transfers and desaturation of reaction wheels by eccentrically oriented thrust	1961
19660090296	Study - Thermal and Atmospheric Control Systems for Three-Man Space Laboratory Vehicle	1961
19660090297	Research and feasibility study to achieve reliability in automatic flight control systems technical report, 1 may 1960 - 30 apr. 1961	1961
19660090300	An engineering approach to missile/rocket optimization problems	1961
19660090308	Study of orbital launch operations. volume ii - design data interim progress report	1961
19660090373	Inflatable antenna set an/tla-// fifth quarterly progress report, 1 jul. - 30 sep. 1961	1961
19660090452	Surveyor Spacecraft System Bimonthly Progress Summary Report No. 1, Mar. - May 1961	1961
19660090453	Delta Monthly Technical Progress Report, May 1961	1961
19660090454	Saturn Monthly Technical Progress Report, January 1961	1961
19660090455	Saturn Monthly Technical Progress and Quarterly Report, 1 January - 31 March 1961	1961
19660090456	Saturn Monthly Technical Progress Report, April 1961	1961
19660090457	Saturn Monthly Technical Progress and Quarterly Report, 1 April - 30 June 1961	1961
19660090458	Flight Report Vehicle 295/2015/3015, Delta Program - Mission No. 4 /P-14 Payload/	1961
19660090460	Saturn Monthly Technical Progress Report, February 1961	1961
19660090461	Design Study of a Solid Propellant Rocket Motor Initial Stage for Very Large Space Vehicles, Volume I Final Report	1961
19660090474	Results of swivel nozzle firing 2h1 at peconic rocket test facility	1961
19660090481	Flight Test Vehicle Safety Proposal Delta Program - Atlantic Missile Range	1961
19660090510	Research and development of porous tungsten ion emitters for use in electrostatic propulsion summary report	1961
19660090529	Altitude evaluation of a westinghouse j34-we-48 turbojet engine. part 5 - transient investigation	1961
19660090530	Altitude performance of the pratt and whitney j57-p 16 turbojet engine. part 3 - afterburner blowout and compressor surge during zoom climb maneuvers using a standard afterburner and bent schedule afterburner fuel control	1961
19660090538	Performance tests on two oil damped strain gage pressure transducers	1961
19660090551	Empirical investigation of the aerosol sampling problem	1961
19660090555	Evaluation and comparison of the advanced aerodynamic nozzle and standard ejector nozzle. part ii - advanced aerodynamic nozzle evaluation	1961
19660090571	Analysis and control of liquid propellant sloshing during missile flight	1961
19660090574	Experimental tests on the mod-i receiver and interstate tracking filter	1961
19660090587	Project syncom. volume iii - reliability and test program design evaluation report	1961
19660090610	Nasa-pmr launch complex considerations final report	1961
19660090617	Weight comparison study of hydraulic power supply for the nasa scout missile	1961
19660090645	[No Title]	1961
19660090660	Avt analysis handbook - echo a-12 avt project	1961
19660090664	Feasibility program for conical segmented rocket motors final report	1961
19660090665	Controllable thrust chamber study program first quarterly report, 15 apr. - 15 jul. 1961	1961
19660090678	Research to evaluate high energy, storable liquid rocket fuels quarterly progress report, 1 nov. 1960 - 31 jan. 1961	1961
19660090681	[No Title]	1961
19660090682	[No Title]	1961
19660090683	[No Title]	1961
19660090686	Surface Diffusion Studies of Cesium on Tungsten	1961
19660090687	Selection of a pcm frame synchronization code format final report	1961
19660090688	Modulation and receiving techniques. part 5 - phase and amplitude modulation of signals received from a spinning turnstile antenna transmitting cw final report	1961
19660090689	Modulation and receiving techniques. part 1 - phase deviation of transmitter final report	1961
19660090690	Modulation and receiving techniques. part 4 - performance comparison final report	1961
19660090691	Modulation and receiving techniques. part 7 - comparison of the communication efficiency of phase modulated and frequency modulated pcm telemetry systems final report	1961
19660090695	Argma-carde - hypervelocity range instrumentation first semiannual report	1961
19660090724	Snap-8 pcs program monthly technical progress report, 1-31 jul. 1961	1961
19660090725	Recording techniques final report	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090747	Advanced booster systems considerations	1961
19660090758	Study of methods for deriving height information on aircraft, suitable for use with a future ems system final report	1961
19660090766	Stud welding of aluminum alloys for space launch vehicles	1961
19660090768	Survey of high intensity arc phenomena	1961
19660090784	Self broaching huckbolt fastener tests	1961
19660090785	Study of the short arc welding technique	1961
19660090798	Properties of glasses at elevated temperatures annual summary report, jan. - dec. 1960	1961
19660090802	Vortex magnetohydrodynamic generator design study	1961
19660090835	The transmission of monoenergetic neutrons through borated polyethylene	1961
19660090841	Study of the control and dynamic stabilization problem of the saturn space vehicle	1961
19660090876	Environmental approach to fabrication in space	1961
19660090886	Ultrasonic welding - state of the art survey	1961
19660090887	[No Title]	1961
19660090888	Investigation of the influence of weld variables upon the quality obtainable in perfectly aligned and mechanically supported butt joints	1961
19660090890	Use of load cells with the presray engine handling system	1961
19660090965	The effect of pressure rolling weld joints in 5456 aluminum alloy at 400 deg f.	1961
19660091030	M-f and ae-mi saturn and juno ii project status	1961
19660091031	Forming 70,000 psi yield strength tubing /phase i/	1961
19660091035	Analytical investigation of heat-flux meters monthly progress report	1961
19660091036	Analytical investigation of heat-flux meters monthly progress report	1961
19660091038	Analytical investigation of heat-flux meters monthly progress report	1961
19660091047	Information retrieval	1961
19660091057	Study of dielectric losses at cryogenic temperatures	1961
19660091099	Literature survey of plastic foams	1961
19660091107	Theoretical performance analysis of a constant velocity mhd generator for combustion products of hydrocarbon and air	1961
19660091128	Terminal forecast reference file for mather air force base, california	1961
19660091228	The optimal space vehicle attitude-control system for arbitrary angular variations including nonlinear coupling monthly progress report no. 6	1961
19660091245	Launch and re-entry measurements of black knight 08 and black knight 09 semiannual technical report, period ending 31 dec. 1960	1961
19660091251	Project apollo. a feasibility study of an advanced manned spacecraft and system. volume v - human factors, book 2 final report	1961
19660091267	Five-channel scanning radiometer second quarterly report	1961
19660091365	Skylark rocket payloads for stellar and nebular flux measurement of southern sky final report	1961
19660091385	Atlas Booster Program for NASA Project Mercury	1961
19660091401	Paraglider development program. phase i - study supporting tests, volume ii	1961
19660091403	Atlas Booster Program for NASA Project Mercury Monthly Progress Report, 1-31 Mar. 1961	1961
19660091404	Atlas Booster Program for Nasa Project Mercury Monthly Progress Report, 1-28 Feb. 1961	1961
19660091419	Visual detection of aircraft in mid-air collision situations	1961
19660091440	Human factors design criteria for a universal anti-jamming operator's console for frequency diversity radars and similiar radar systems	1961
19660091445	Research and development on components for pressure-fed liquid oxygen - liquid hydrogen upper-stage propulsion systems. pressurization-system-feasibility expulsion tests	1961
19660091447	Synthesis and characterization of high energy compounds for solid propellant applications seventh quarterly technical progress report	1961
19660091448	Aspen single gas generator engine system final report	1961
19660091449	Combustion process feasibility study final report, 6 jul. 1960 - 3 mar. 1961	1961
19660091451	Analysis of lot m vernier guidance and control	1961
19660091456	Large solid rocket motor program quarterly progress report no. 2, 1 oct. - 31 dec. 1960	1961
19660091462	Gas generator propellant systems final report	1961
19660091464	Synthesis and development of high-energy liquid fuels	1961
19660091467	NASA Ground Support Equipment Engineering Analysis Report	1961
19660091474	Thrust vector control system applicable to solid propellant rocket motors. variable area ratio nozzle study	1961
19660091476	F-1 Engine System Monthly Progress Letter Report, Period Ending 31 Jan. 1961	1961
19660091479	Laboratory investigation of the hydrazine/ pentaborane propellant system final report, 1 sep. 1960 - 28 feb. 1961	1961
19660091480	Thermally stable monopropellants for auxiliary power unit applications final summary report	1961
19660091484	Evaluation of the 4d1-a2 and nitrogen tetroxide propellant combination	1961
19660091486	Research and development on encapsulated ingredients for solid propellants quarterly report, 1 nov. 1960 - 31 jan. 1961	1961
19660091487	High energy storable liquid monopropellant synthesis and development quarterly report, oct. 16, 1960 - jan. 15, 1961	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091492	B-n propellant investigation	1961
19660091493	B-n propellant investigation	1961
19660091497	Research and development on components for pressure-fed liquid oxygen - liquid hydrogen upper-stage propulsion systems ablative- thrust-chamber feasibility firings	1961
19660091504	Development and evaluation of storable high-energy bipropellant systems summary report	1961
19660091512	Nozzle cooling system for solid propellant rocket motors quarterly progress report, nov. 1960 - jan. 1961	1961
19660091515	Basic chemical research for advance storable liquid propellant systems second quarterly report	1961
19660091521	Hot gas /jet-mix/ injectors	1961
19660091524	An experimental program to evaluate high-performance solid propellant ingredients sixth quarterly technical summary report, oct. 1 - dec. 31, 1960	1961
19660091539	Investigation of high-energy oxidizer binders for solid propellants final report	1961
19660091544	Aspen propulsion system final report, part i	1961
19660091550	Service test evaluation of high energy monofuels third quarterly progress report, 1 dec. 1960 - 28 feb. 1961	1961
19660091561	Development of high energy storable liquid propellant fuels final report, 1 jul. 1959 - 1 mar. 1961	1961
19660091563	Research and development to determine methods to prevent detonation propagation in high-energy monopropellant systems quarterly progress report, period ending 20 jan. 1961	1961
19660091576	Summary of the preliminary investigation on hf and uhf hardened antennas	1961
19660091619	Procedures and analytical methods for determining toxic gases produced by synthetic materials. procedures for flash ignition and self-ignition temperature determinations	1961
19660091681	Radiant emission from high temperature equilibrium air	1961
19660091692	Research and development of gas-generator propellants	1961
19660091701	Development of high-energy, storable liquid propellant systems quarterly progress report no. 6, for period ending 31 dec. 1960	1961
19660091705	Development of high nitrogen polymers quarterly progress, 1 dec. 1960 - 28 feb. 1961	1961
19660091718	Development of high energy solid propellants final report, 13 jul. 1960 - 31 jan. 1961	1961
19660091719	A study of means of improving the effective propellant mass fraction of a rocket powered vehicle final report	1961
19660091732	Mass fraction improvement study second quarterly progress report, 1 sep. - 1 dec. 1960	1961
19660091733	Investigation and development of advanced type solid propellants quarterly summary report, 1 nov. 1960 - 31 jan. 1961	1961
19660091800	Heat transfer and static pressure data obtained with the ad-496 model	1961
19660091840	Advanced supersonic transport engine studies	1961
19660091844	Dyna-soar step iia planning and analysis. preliminary information for system package plan second interim report, including addendum	1961
19660091920	A program for experimental research and testing of unconventional solid propellant grain designs quarterly progress report no. 3, 1 nov. 1960 - 1 feb. 1961	1961
19660091922	Main propellant tank pressurization system study and test program. volume i - liquid hydrogen and liquid oxygen final report	1961
19660091923	Main propellant tank pressurization system study and test program. volume ii - storable propellants final report	1961
19660091924	Cost-optimized booster system studies, volume i final report	1961
19660091925	Cost optimized booster system studies, volume i supplementary final report	1961
19660091926	Storable propellant study /pentaborane/ hydrazine/ final report, 1 feb. 1960 - 15 feb. 1961	1961
19660091927	Pentaborane-hydrazine feasibility investigation, phase i interim report	1961
19660091999	Plan of test terrain clearance indicator radar set an/apn-100 /xe-2/	1961
19660092177	Production of metastable hg atoms by charge exchange	1961
19660092291	Saturn s-ib recovery feasibility study	1961
19660092293	Storable liquid propellant systems, volume ii of 3 final report, 1 jul. 1959 - 28 feb. 1961	1961
19660092294	Storable liquid propellant systems, volume iii of 3 final report, 1 jul. 1959 - 28 feb. 1961	1961
19660092418	Flow regimes of a rocket exhausting into a hypervelocity stream at high altitude	1961
19660092420	Apollo Extension Systems. 1300 Cubic Foot Laboratory. Nasa Flight 516 Astronomy	1961
19660092421	Apollo Extension Systems: 1300 Cubic Foot Laboratory - NASA Flight 215 Earth Sensing	1961
19660092422	Apollo Extension Systems: 1300 Cubic Foot Laboratory - NASA Flight 523 Astronomical Observatory	1961
19660092423	Apollo Extension Systems. 1300 Cubic Foot Laboratory. Nasa Flight 219 Rendezvous Laboratory	1961
19660092424	Apollo Extension Systems. 1300 Cubic Foot Laboratory. Nasa Flight 211 Lunar Orbit Qualification	1961
19660092425	Apollo Extension Systems: 1300 Cubic Foot Laboratory - NASA Flight 218 Biological and Physical Science Laboratory	1961
19660092430	Apollo Extension System 1300 Cubic Foot Laboratory, Nasa Flight 507 Earth Sensing	1961
19660092449	Feasibility study of an inflatable type stabilization and deceleration system for high-altitude and high-speed recovery final report	1961
19660092460	Delta monthly technical progress report	1961
19660092461	Detailed test objectives for delta mission no. 5. launch vehicle - s/n 286/2014/3014, payload - tiros a-3	1961
19660092462	Detailed Test Objectives - Delta Launch Vehicle, S/n 317/2020/3020, Payload - Tiros D	1961
19660092464	Delta monthly technical progress report for november 1961	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092468	Phoenix rocket vehicles reliability study final report, nov. 1960 - mar. 1961	1961
19660092530	The installation and performance evaluation of a small supersonic wind tunnel system	1961
19660092549	Performance analysis of airborne telescopes for re-entry observations final report	1961
19660092550	Study of crossed-field reentrant beam electron devices /magnetron and amplatron/ sixth quarterly progress report, 15 sep. 14 dec. 1960	1961
19660092833	A design study of controllable thrust liquid rocket engines quarterly report, 16 jul. - 15 oct. 1961	1961
19660092834	Design study of a large unconventional liquid propellant rocket engine and vehicle second informal monthly progress report, 1-31 oct. 1961	1961
19660092839	Design study of a large unconventional liquid propellant rocket engine and vehicle quarterly report, 26 aug. - 25 nov. 1961	1961
19660092841	Informal monthly progress report, 1-31 may 1961	1961
19660092842	Failure warning system for large solid rockets periodic progress report, 19 sep. - 3 nov. 1961	1961
19660092947	Evaluation of the prc-53 /formerly prc-34/36/ flight deck communications system	1961
19660092948	Evaluation of the an/prc-44xn-1 flight deck communications system	1961
19660092965	"noise-proofed" sound-powered phones	1961
19660092974	Stray energy tester final report	1961
19660092987	Preliminary report on the shelter occupancy test of 25-29 july 1960	1961
19660093100	Atlas Booster Program for Nasa Project Mercury Progress Report, 1 - 31 Jan. 1961	1961
19660093102	LMSD/380111-38 Trouble and Failure Summary for Nasa	1961
19660093108	LMSD/380111-40, 41, 42, 43 Trouble and Failure Summary for Nasa	1961
19660093117	Transit bimonthly technical progress report, 1 jan. - 28 feb. 1961	1961
19660093125	RI10a-3 monthly development plan technical status summary report, 1 jul. - 1 aug. 1961	1961
19660093225	Agema Propulsion System Engineering Analysis Report	1961
19660093273	Advanced flight vehicle adaptive flight control system. part ii - design of mh-96 system	1961
19660093338	Personnel requirements information on subsystem g for vanderberg tracking station	1961
19660093380	Research on toxicity changes in the central nervous system. the response of the central nervous tissue to x-irradiation histological and electronmicroscopical investigation final report	1961
19660093422	Lmsd/380111-21 trouble and failure summary for nasa, 20-26 may 1961	1961
19660093423	Lmsd/380111-39 trouble and failure summary for nasa, 23-29 sep. 1961	1961
19660093427	A Study of Two- to Three-Million-Pound-Thrust Launch Vehicle Systems	1961
19660093439	Proposal for the second irradiation of zircaloy-2 species contaminated with uranium and concurrent zircaloy-2 corrosion test	1961
19660093458	Application of electromagnetic support techniques to instrumentation for inertial navigation monthly letter report	1961
19660093459	Application of electromagnetic support techniques to instrumentation for inertial navigation monthly letter report, aug. 1-31, 1961	1961
19660093460	Application of electromagnetic support techniques to instrumentation for inertial navigation monthly letter report, jun. 1-30, 1961	1961
19660093461	Application of electromagnetic support techniques to instrumentation for inertial navigation monthly letter report, jul. 1-31, 1961	1961
19660093462	Application of electromagnetic support techniques to instrumentation for inertial navigation monthly letter report	1961
19660093464	Application of electromagnetic support techniques to instrumentation for inertial navigation monthly letter report	1961
19660093526	Phoebus Feed System Comparative Study Final Report	1961
19660093529	F-1 engine system monthly progress letter, period ending 28 feb. 1961	1961
19660093531	F-1 engine system monthly progress letter, period ending 31 mar. 1961	1961
19660093636	Study of Thermal Radiation Associated with Non-Equilibrium Flow in the Apollo Flight Regime	1961
19660093637	Investigation and development of advanced type solid propellants quarterly progress report, 1 nov. 1960 - 1 feb. 1961	1961
19660093650	Summary report on external ramjet program	1961
19660093805	Leading edge effect on separated supersonic flows	1961
19660093912	The scattering of microwaves from multiple spheres	1961
19660094082	Design study of a large unconventional liquid propellant rocket engine and vehicle, volume 1 interim report	1961
19660094083	Design study of a large unconventional liquid propellant rocket engine and vehicle, volume 2 interim report	1961
19660094084	Design study of a large unconventional liquid propellant rocket engine and vehicle interim report	1961
19670000877	Small denominators. I - Concerning the presentation of a circle	1961
19670022202	Static longitudinal stability characteristics of various Mercury escape configurations and of a proposed alternate escape configuration for Mach numbers of 0.05 to 9.60	1961
19670022399	Measurements of the surface flows, heat transfer, pressure distribution, and longitudinal stability of a Mercury capsule model at Mach numbers of 6.9 and 9.6	1961
19670022640	Investigation of the Static Stability Characteristics of a Reentry Spacecraft Model in Free Flight for Mach Numbers from 2.62 to 1.11 Launched at an Angle of Attack of 180 Deg	1961
19670022810	Static longitudinal aerodynamic characteristics at transonic speeds and angles of attack up to 99 deg of a reentry glider having folding wing-tip panels	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670023229	Low-speed investigation of the aerodynamic characteristics of a variable-sweep supersonic transport configuration having a blended wing and body	1961
19670067049	Graphical representation of Hall-constant - Temperature relation between the extrinsic and intrinsic regions	1961
19670068318	Instruction and operating handbook. TIROS IV meteorological satellite system	1961
19670068334	An experimental and analytical review of vaneless and vaned radial diffusers with application to a diffuser design	1961
19670068965	Saturn Block II Design Criteria /U/	1961
19670072145	Attenuator manufacturing study /helix O- type traveling wave tubes/ Final report on manufacture of internal attenuators for helix-type traveling waves	1961
19670073944	Investigation of energy levels in foil excited atomic beams Second year status report, 1 Feb. 1966 - 31 Jan. 1967	1961
19670077062	Nature, formation and conversion of polyphosphates in yeast	1961
19670077624	Finite beam instability	1961
19670080699	Evaluation of regenerative fuel cell third quarterly report, 8 sep. - 8 dec. 1961	1961
19670080961	A description of a near earth satellite orbit computation program using oblate spheroidal coordinates final report	1961
19670081360	Feasibility of using liquids other than hydrogen for the liquid behavior tests of the zero-g test program	1961
19670081771	Instrumentation for the gamma ray astronomy satellite, s-15	1961
19670081918	Flight mechanics of photon rockets	1961
19670083212	The Optimization of Multi-Stage Orbit Transfer Processes by Dynamic Programming	1961
19670083906	Set generator program phase i final report, 22 may - 20 oct. 1961	1961
19670084077	Satellite rendezvous study quarterly report, 31 aug. - 30 nov. 1961	1961
19670084234	The radiochemistry of the rare earths, scandium, yttrium, and actinium	1961
19670084333	Currently used smoothing and differentiation procedures for obtaining velocities and accelerations and their effect on dispersion	1961
19670084464	Space - New Frontier for the Plastics Industry	1961
19670086453	Velocity and Time Requirements for Satellite Rendezvous Trajectories	1961
19670086662	Lectures in aerospace medicine	1961
19670087007	Evaluation of goldstone polar-mount antenna systematic errors from star tracks	1961
19670087485	A thrust-torque dynamometer incorporating hydrostatic motor support	1961
19670087764	Program of additional development effort for the j-2 engine	1961
19670087860	Summary of vibration associated with btl guided titan missiles	1961
19670087892	Operational and system testing of snap 3 thermoelectric generator	1961
19670087909	History of the george c. marshall space flight center from january 1 - june 30, 1961. volume 2 - supporting documents	1961
19670087949	Design feasibility study to avoid demating the agena vehicle during launch operations	1961
19670087967	An analysis of pressure data on several circular and elliptic cones tested at a mach number of 6.08 and at angles of attack from 40 to 90 degrees	1961
19670087968	Propellant performance calculation program semiannual technical report, 1 jan. - 30 jun. 1961	1961
19670088023	Saturn computation procedure mark iv	1961
19670088044	Propellant manual spia/m2	1961
19670088174	Theoretical study of optical properties. photon absorption coefficients, opacities, and equations of state of light elements, including the effect of lines final report	1961
19670088202	Selected reading for aerospace operations course	1961
19670088203	Propellants and combustion	1961
19670088204	Propulsion - many roads to go up	1961
19670088205	Nuclear propulsion	1961
19670088206	Electric propulsion	1961
19670088207	Power supplies for space vehicles	1961
19670088208	Power systems	1961
19670088209	Feasibility of space communications	1961
19670088210	Space communication implementation problems	1961
19670088211	Advanced aerospace communications	1961
19670088212	Environment of electronics	1961
19670088213	Electronic systems, state of the art	1961
19670088214	Electronic components, state of the art	1961
19670088215	Inertial guidance in the space age	1961
19670088216	Attitude control of spacecraft	1961
19670088217	Injection guidance	1961
19670088269	Memorandum for record	1961
19670088327	Gas lubrication of radial and thrust bearings at very high temperatures, high speeds and low lubricant flow rates summary report no 2, 15 jan. 1960 - 15 feb. 1961	1961
19670088363	Hypersonic flow-blast analogy	1961
19670088378	Magnetic deflection study final report, 18 jun. 1959 - 1 dec. 1961	1961
19670088380	Final valve control problems and the method of constrained descent	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088385	A study of the optimal control of dynamic systems	1961
19670088386	Final report on contract af 19/604/-1084	1961
19670088390	Matched filters and intersymbol	1961
19670088392	Alpha numeric keysets, model 33 /1090904/. utility description and operation instructions	1961
19670088509	Evaluation of the Jpl Proposal for a Large Four Stage Solid Rocket Nova Vehicle for Manned Lunar Landing, Volume i Summary Report	1961
19670088548	An experimental investigation of the sumoto effect	1961
19670088572	A scientific investigation into photographic reconnaissance from space vehicles final report	1961
19670088579	Oil-air explosion hazards in high-pressure air systems final report	1961
19670088599	Planar limit motion of nonspinning symmetric missiles acted on by cubic aerodynamic moments	1961
19670088600	Human factor problems in anti-submarine warfare, a bibliography of research on human vigilance	1961
19670088700	Air-to-ground visual acquisition of tactical targets	1961
19670088737	A study on closed-loop cryogenic systems for telemetry maser amplifier	1961
19670088918	Recoverable booster, general research program, hto rocket preliminary design and evaluation data report	1961
19670088995	Msfsc systems engineering capabilities /abstracts of reports/	1961
19670089022	An omnibus of briefing papers on analysis of automatic checkout equipment and aids to its design	1961
19670089023	Automatic checkout equipment - rand's study summary report	1961
19670089024	Basic considerations of automatic testing	1961
19670089025	Economic-physical trade-offs in missile system design for readiness	1961
19670089026	Readiness testing program	1961
19670089027	Ballistic missile prelaunch checkout	1961
19670089028	Rules for effective automatic fault location	1961
19670089029	Weapon system cost implications of automatic checkout equipment and the pros and cons of its standardization	1961
19670089030	Manpower implications of test automation	1961
19670089031	Human factors considerations in the design of automated checkout equipment	1961
19670089032	Automatic checkout equipment - its implications for data system design	1961
19670089616	F-1 Engine System Monthly Progress Letter, Period Ending 30 Apr. 1961	1961
19670089689	A study on torque determination of flared tube style fittings final summary report, 1 dec. 1960 - 31 jul. 1961	1961
19670089783	Plastic contact stress in circular cylinders	1961
19670089796	Ionization of N2 and O2 by N2 Molecules	1961
19670089898	Laboratory simulation of extreme source-to- target ranges	1961
19670089938	Inertial guidance study for air-to-air missiles progress report, 1 jun. - 31 jul. 1961	1961
19670089978	Propellant gas injection for thrust vector control for solid propellant rockets	1961
19670090008	Wind tunnel investigation of the effects of multiple external stores on the longitudinal aerodynamic characteristics of the douglas a4d airplane	1961
19670090012	Investigation of passive ranging techniques for microwave and/or submillimeter surveillance radiometers final report	1961
19670090131	Investigation of target discrimination techniques using geometric properties	1961
19670090143	Heat transfer and pressure distribution tests of several flat plate and delta wing shapes	1961
19670090146	Flight control system description, lot j	1961
19670090157	Cesium ion engine propellant feed system summary report, 8 jun. - 8 nov. 1961	1961
19670090165	Applying x-258 and pr-1910-2 materials in saturn fabrication	1961
19670090179	Uncertainties in space radiation shielding calculations	1961
19670090214	Investigation of the stoichiometric and structural variables which affect conductivity in ferromagnetic ceramic materials for use in magnetic circuits technical report, may 1960 - may 1961	1961
19670090257	Ion engine performance evaluation final report, 29 sep. - 31 dec. 1961	1961
19670090367	Calculation of the membrane forces of an initially curved wing	1961
19670090411	Two-piece beryllium fairing, heat and load tests	1961
19670090431	Thermal conductance of lap-joints between au461 sheets	1961
19670090432	Thermal conductance of steel joints	1961
19670090456	A high-vacuum orbital simulator	1961
19670090462	Theoretical study of optical properties. appendix b - amonochromatic absorption coefficients for nitrogen, aluminum, and silicon final report	1961
19670090481	Static experiments for the study of the interaction of buried structures with ground shock waves final report, jun. 1960 - apr. 1961	1961
19670090505	Paraglider development program, phase i final report	1961
19670090559	Basic grain design and the 564 interior ballistics computer	1961
19670090563	Qks642 l-band amplitrone final engineering report, 6 jun. 1958 - 1 jan. 1961	1961
19670090571	Meteorological requirements for supersonic transport aircraft	1961
19670090578	A study of the chemical reactions of fluoramines with boron hydrides quarterly letter report, 1 jul. - 30 sep. 1961	1961
19670090625	Nj-18d powerplant performance characteristics summary	1961
19670090655	Optimum error detection codes for noiseless decision feedback	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090657	Test specification 101 vacuum thermal balance test of a one kilowatt plasma arc engine pod	1961
19670090708	Monte carlo solutions of reliability problems	1961
19670090709	Investigation of traveling wave and parametric and hybrid coupled tunnel diode amplifiers	1961
19670090765	Propagation between conducting and non- conducting media	1961
19670090767	Vertical and horizontal, electric and magnetic dipole radiation in a conducting half-space	1961
19670090801	The apl propulsion research laboratory	1961
19670090802	Some analytical considerations of the aerothermodynamic aspects of supersonic combustion	1961
19670090803	Low density-high speed gas dynamics research	1961
19670090804	Rocket tunnel non-equilibrium gas dynamics	1961
19670090805	Incident shock wave - boundary layer interaction in hypersonic flow	1961
19670090806	A theoretical analysis of the flow and drag of surface irregularities immersed in a wall-layer stream in a supersonic main stream	1961
19670090807	Thrust vector control studies	1961
19670090808	Jet interaction experiments	1961
19670090809	Skin friction, heat transfer, and cross-flow research at the defense research laboratory	1961
19670090810	Status of an investigation of aerodynamic heat transfer in the neighborhood of surface protuberances	1961
19670090811	Flow field survey program	1961
19670090812	Supersonic-hypersonic flow studies	1961
19670090868	Expansion nozzles for gas-particle flows	1961
19670090930	Air-to-undersea communication - electromagnetic fields in the two media, caused by vertical and horizontal dipoles in air	1961
19670090957	The transmitted and reflected fields due to a plane wave incident on a dielectric half-space from a conducting half-space	1961
19670090961	Autoclave testing of monel, nickel, and iconel	1961
19670090963	Portable precision frequency meter and precise signal generator	1961
19670090985	Study of a speech compression system /spectrum selection/ interim report, 15 jan. 1960 - 15 may 1961	1961
19670091046	Test plan for category ii testing of system 4xxl	1961
19670091047	Transmission coefficients for electromagnetic plane wave radiation into a conducting half-space, june - august 1961	1961
19670091048	The emittance of coated materials suitable for elevated-temperature use	1961
19670091059	Evaluation of doppler vor sideband transmit- ters final report	1961
19670091063	Reduced absolute solar spectra 3.5 to 5.5 microns. part i - altitude range 0-50,000 ft.	1961
19670091064	The interference pattern of two electric dipoles immersed in a conducting medium	1961
19670091104	Design study of a large unconventional liquid propellant rocket engine and vehicle. volume 3 - advanced engine-vehicle integration study final report	1961
19670091123	Study of pressurization systems for liquid- propellant rocket engines quarterly progress report, 1 apr. - 30 jun. 1961	1961
19670091124	A design study of controllable thrust liquid rocket engines quarterly progress report, 15 apr. - 15 jul. 1961	1961
19670091224	Speech-to-code converter study final report, 1 jul. 1959 - 31 dec. 1960	1961
19670091225	The dynamic forces of a blast wave	1961
19670091254	Eagle missile system program review and evaluation - handbook - pert	1961
19670091259	Development and flight rating demonstration of the xlr99-rm-1 rocket engine. volume ii - materials final report, aug. 1961	1961
19670091326	Demultiplexer-multiplexer	1961
19670091406	The crippling strength of 7075-t6 composites	1961
19670091533	Joint army-navy-air force panel on liquid propellant test methods	1961
19670091537	Development and flight rating demonstration of the xlr99-rm-1 rocket engine. volume v - appendix f - malfunction analysis final report, aug. 1961	1961
19670091538	Development and flight rating demonstration of the xlr99-rm-1 rocket engine. volume iv - appendix e - model specification 91m final report, aug. 1961	1961
19670091541	Antennas for navigation set, radar an/apn-130/v/ final report	1961
19670091564	Development and flight rating demonstration of the xlr99-rm-1 rocket engine. volume 1 - xlr99 engine and components final report, aug. 1961	1961
19670091589	Development and flight rating demonstration of the xlr99-rm1 rocket engine. volume iii - appendices a-d final report, aug. 1961	1961
19670091902	Anechoic coatings	1961
19670091926	Some considerations regarding rocket vehicles launched at sea	1961
19670092008	Steady state interaction between radiation and matter in stellar atmospheres progress report, jul. 1966 - jun. 1967	1961
19670092281	Studies on dark adaptation. viii - the effects of pre-exposure on several low- brightness tasks final report	1961
19670092289	Study of a speech compression system /spectrum selection/ quarterly technical report, 15 jun. - 14 sep. 1961	1961
19670092408	Report on x-248 vibration data taken during firings at aedc	1961
19670092471	Aec-nasa space nuclear propulsion office, project nerva informal monthly progress letter no. 1, 10 jun. - 31 jul. 1961	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092472	Aec-nasa nuclear propulsion office, project nerva informal monthly progress letter no. 2, 1-31 aug. 1961	1961
19670092473	Aec-nasa nuclear propulsion office, project nerva informal monthly progress letter no. 3, 1-30 sep. 1961	1961
19670092474	Aec-nasa nuclear propulsion office, project nerva informal monthly progress letter no. 4, 1-31 oct. 1961	1961
19670092475	Aec-nasa nuclear propulsion office, project nerva informal monthly progress letter no. 5, 1-30 nov. 1961	1961
19670092476	Aec-nasa space nuclear propulsion office, project nerva informal monthly progress letter no. 6, 1-31 dec. 1961	1961
19670092507	The influence of a magnetic field on the boundary shape of a penetrating plasma and its focusing	1961
19670093067	A literature survey on the environment between earth and the nearer planets	1961
19670093114	Wallops station handbook. volume ii - flight test and support service facilities	1961
19670093128	Feasibility study - umbilical "j" box relocation or umbilical connector break-bar addition	1961
19670093290	Ultrasonic methods for nondestructive measurement of residual stress technical report, 1 apr. 1960 - 31 jan. 1961	1961
19670093413	Orbiting astronomical observatory, structural analysis phase report no. 1	1961
19670093425	Photoelastic digital transducer investigation final technical report	1961
19670093648	Fire extinguisher containers for the b-70 prototype air vehicle, handling, storage, and inspection of	1961
19670093732	Main routine two dimensional deck for ibm 7090 digital computer	1961
19670093932	Component procurement specification for wing tip light and tail light assembly xe-70 air vehicle	1961
19670094032	Analog of yuma climate in south america	1961
19670094046	Ephemeris accuracy evaluation	1961
19670094051	A small rocket for laboratory demonstration	1961
19670094093	Equipment procurement specification transformer rectifier unit xb-70 air vehicle	1961
19670094782	Research and evaluation tests of a hydraulic maximum breathe cylinder assembly tt-14676 for the xb-70 airplane /naa model 267/	1961
19670094857	Plate vibration studies	1961
19670094868	First review of selected aspects of the anip program	1961
19670095088	Redundancy in the display of spatial orientation	1961
19670095170	Detection of differences in duration of acoustic and electrical cutaneous stimuli in a vigilance task	1961
19670095171	Prolongation of the action of the acoustic reflex	1961
19670095213	Effect of skin temperature on the absolute threshold for electrical current	1961
19670095253	Preliminary Acoustic and Vibration Environment. Saturn S-1b	1961
19670095481	Particle impact studies	1961
19670095523	Utility of the mura beam for instability studies	1961
19670095632	Flight proof test, airborne instrumentation subsystem /r and d ws-133a/ /pam/, volume ii test report	1961
19670095664	The reflected radiation received by an earth satellite	1961
19670095871	Fast waves in plasma-filled waveguides	1961
19670095937	Modified engine heat exchanger, pn 10413776	1961
19670095994	A preliminary estimate of the number of "fast" electrons in a lightning discharge	1961
19670096070	Auroral studies by rocket spectroscopy final report	1961
19670096140	Coating on electronic assemblies, spray application of polyurethane, process specification for	1961
19670096143	A new fatigue probability-of-failure theory	1961
19670096188	Sandwich structural repair manual	1961
19670096191	The penetration of an electron beam through a plasma. part 1 - general considerations - amplifications and overstability	1961
19670096192	A proposed program of research for studying the interaction of the earth's magnetic field and a charged particle beam	1961
19670096203	On the propagation of plane stress waves generated in a thick steel plate by a surface explosion	1961
19670096307	Preliminary concept of statistical strength allowables for aerospace materials	1961
19670096410	Wander rate changes in single degree of freedom gyros, induced by angular or conical vibration	1961
19670096556	Thirty-kilowatt plasmajet rocket engine development quarterly progress report, 25 sep. - 31 dec. 1960	1961
19670096594	Criticism of a possible beam plasma experiment	1961
19680065358	Nasa scout. vehicles 5 through 7. reaction thrust systems hydrogen peroxide	1961
19680067571	Two-stage potassium test turbine quarterly project status report, period ending 8 aug. 1961	1961
19680068659	Wind-tunnel Investigation of the Static Longitudinal Aerodynamic Characteristics of Models of Reentry and Atmospheric-abort Configurations of a Proposed Apollo Spacecraft at Mach Numbers from 0.30 to 1.20	1961
19680068684	Effect of various forebody modifications on the static longitudinal stability and control characteristics of a reentry capsule at a mach number of 9.6	1961
19680068698	A Rapid Method of Estimating Launcher Setting to Correct for the Effects of Wind on the Trajectory of an Unguided Fin-Stabilized Rocket Vehicle	1961
19680068712	Effect of reynolds number on the low-speed longitudinal aerodynamic characteristics of two variable-wing-sweep airplane configurations	1961
19680068713	Investigation of the Aerodynamic Characteristics of a Reentry Capsule with Various Nose Shapes at a Mach Number of 2.91, Including Studies of Nose Spikes as a Means of Control	1961
19680069184	Experimental investigation of three tip-clearance configurations over a range of tip clearance using a single-stage turbine of high hub to tip radius ratio	1961
19680071375	Surveyor spacecraft laboratory reliability program	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680073666	Erectable Yagi Disk Antennas for Space Applications	1961
19680073828	Destination - Venus	1961
19680073829	An attempt to determine the absolute age of lunar formations	1961
19680073830	On the penetration of a magnetic field into a superconductor	1961
19680073831	In the depths of the micro-world	1961
19680073867	Space flight operations memorandum - Ranger 1	1961
19680073985	On the effectivity increase of telemetry	1961
19680073987	The exit of neutrons during a nonresilient interaction of neutrons with energies of 14 MeV with nuclei and a cross section of reaction $/n, 2n/$	1961
19680073988	Field operations memorandum - Ranger A-1, part 1	1961
19680081101	The loss and recovery of yield strength in HY-80 and HY-100 steels /Bauschinger effect/	1961
19680085411	Research and development of an ambient pressure and pitot pressure probe quarterly progress report, 1 oct. - 31 dec. 1961	1961
19680085415	Thermonuclear plasma research	1961
19680085647	Reinforced plastic coatings for the protection of metal surfaces	1961
19680085711	Collection of reports on vibration surveys conducted by boston naval shipyard during 1966	1961
19680085826	Control of caloric hystagmus by manipulating arousal and visual fixation distance	1961
19680085878	A high current linear accelerator experiment	1961
19680085925	Evaluation of alloys for castrotating components	1961
19680086114	Noise in variable resistors	1961
19680086222	An electrical analogue investigation of a separated flow problem, associated with high speed swept aerofoils	1961
19680086233	Incipient failure detection	1961
19680086282	Instrument lighting, instrument color coding and general illumination. bibliography	1961
19680086283	Zero temperature finite beam stability	1961
19680086334	Research investigation of the generation and suppression of jet noise	1961
19680086599	Molecular changes in polyamide and elastomeric polymers due to nuclear, ultraviolet and thermal radiation progress report, 16 jun. - 15 dec. 1961	1961
19680086628	Investigation of a low-thrust plasma propulsion device	1961
19680086720	Induction flowmeter for dielectric fluids experimental verification quarterly report	1961
19680086876	National nuclear rocket development facilities progress report	1961
19680086960	Calibration of foils for neutron flux measurements	1961
19680086971	Study of filter/separator phenomena	1961
19680087068	In-flight simulation of the lateral- dirctional handling qualities of entry vehicles	1961
19680087329	Measures of remote manipulator feedback - absolute judgments of weight	1961
19680087390	Weightlessness - training requirements and solutions	1961
19680087450	Glass fiber base reinforced epoxy construction for structural and electrical applications	1961
19680087455	Optical phenomena in space	1961
19680087564	The design of nonlinear and adaptive systems via lyapunov's second method	1961
19680088073	Three sigma error study for tad 019 part b /u/ final report	1961
19680088080	Analysis of medium class vehicles /u/	1961
19680088362	Transformation and adjustment of strip coordinates by electronic computation	1961
19680088618	Nuclear rocket development facility /u/ progress report, 21 feb. - 29 mar. 1961	1961
19680088619	National nuclear rocket development facilities /u/ progress report, 1 apr. - 5 may 1961	1961
19680088647	Development of ceramic fibers for reinforcement in composite materials quarterly report, 1 apr. - 30 jun. 1961	1961
19680088648	Development of ceramic fibers for reinforcement in composite materials quarterly report, 1 oct. - 31 dec. 1960	1961
19680088690	Self-repairing machines part one	1961
19680088819	Tensile creep properties of chromium alloys - 1	1961
19680088871	The effects of cockpit vertical accelerations on a simple piloted tracking task	1961
19680088969	Use of focussed antenna for ionized trail measurements	1961
19680088979	Convair 880 cabin interior furnishings flame tests, portable oxygen equipment, and electrical equipment and wiring studies	1961
19680088996	Improved insulators for rocket motors quarterly progress report, 1 aug. - 31 oct. 1961	1961
19680089184	Preliminary data sheets for new propellant chemicals /u/	1961
19680089236	Research and development program on thixotropic propellants /u/ final report	1961
19680089453	[No Title]	1961
19680089568	Escape of fission products from uo2-loaded beo fuel elements	1961
19680089591	Wind-tunnel investigation at supersonic speeds of the lift, drag, static-stability and control characteristics of a 0.03-scale model of the b-70 airplane /coord. no. af-am-199/ /u/	1961
19680089592	Wind-tunnel investigation at supersonic speeds of the lift, drag, static-stability and control characteristics of a 0.03-scale model of an interim development verison of the b-70 airplane /coord. no. af-am- 199/ /u/	1961
19680089736	Missile weapon system maintenance	1961
19680089854	Thermal radiation from particles of ablation material /u/	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089874	Efficiency studies with gamma ray portion of specialized reactor-shield monte carlo program 18-0 /u/	1961
19680090319	Long range communications - pcm/ps final report	1961
19680090531	Experimental investigation of characteristics of confined jet-driven vortex flows	1961
19680090672	Behavior of a wall-wetting fluid under zero gravity	1961
19680090793	Captive test summary atlas missile 5e at sycamore s-1	1961
19680090945	Transient heat conduction and thermal stresses in a bar of anisotropic material	1961
19680090950	A method of estimating the effects of rear fuselage upsweep and fuselage cross sectional shape on fuselage drag	1961
19680090954	Description of an ibm-704 program for the calculation of transient temperature distribution in an anisotropic composite spherical shell with arbitrary heat flux at one boundary	1961
19680091126	Fuselage cross flow pitching moment estimation. section 2.2.2 - a method of estimating the effects of rear fuselage upsweep and fuselage cross sectional shape on fuselage pitching moment	1961
19680091274	Sm-68b interstage compartment temperature and pressure environment test report /u/	1961
19680091276	Sm-68b cold jet staging model force and pressure test /u/	1961
19680091336	Terrain avoidance /u/	1961
19680091444	Steady state response of a second order servomechanism with backlash and resilience in the gears between motor and load	1961
19680091565	Atlas project propulsion - flight test report - missile 21e, amr test 1360 - 31 july 1961 /u/	1961
19680091566	Atlas project propulsion - flight test report - missile 2f, amr test 1805 - 8 august 1961 /u/	1961
19680091568	Atlas project propulsion - flight test report - missile 26e, amr test 1803 - 8 september 1961 /u/	1961
19680091613	Bmews ballistic missile early warning system /u/ quarterly engineering report for period ending 30 sep. 1961	1961
19680091675	Finite difference equations and their solution for the transien temperature distribution in composite, anisotropic, generalized bodies of revolution	1961
19680091995	Propulsion system evaluation of atlas missile 21e /u/	1961
19680092029	Titan 2 Weapon System Development Test Program, Vandenberg Air Force Base	1961
19680092030	Useable fuel and lox residuals at seco and theoretical fuel depletion on missile 30e /u/	1961
19680092046	Flight test program. sm-65 series f r and d missiles atlantic missile range /u/	1961
19680092047	Flight test evaluation report of inertial guidance system ws107a-1. sm65 atlas for missile 17e /u/	1961
19680092048	Flight test evaluation report for inertial guidance system ws107a-1. sm65, atlas for missile 18e /u/	1961
19680092050	Flight test evaluation report of inertial guidance system ws107a-1, sm65, atlas for missile 27e /sure shot/ /u/	1961
19680092051	Propulsion system evaluation of atlas missile 17e /u/	1961
19680092086	Propulsion system evaluation of atlas missile 22 e	1961
19680092094	Aerodynamic coefficients report, lots j, m, v, vs, and sm-68 /u/	1961
19680092099	Aerodynamic characteristics data /u/	1961
19680092178	Recommended engine model and propulsion parameters for simulating propulsion performance of the rocketdyne ma-2 and ma-3 engines /u/	1961
19680092179	Performance of the gd/astronautics pu system on missile 17e /u/	1961
19680092180	Performance of the gd/astronautics pu system on missile 21e /u/	1961
19680092192	Atlas project propulsion - flight test report. missile 22e amr test 1251, 6 july 1961 /u/	1961
19680092271	A parametric study of a three-piece break-up of the second stage of the titan 1 missile system /u/	1961
19680092316	Behavior of materials under conditions of explosive stressing	1961
19680092356	Chemical deposition of tungsten from the vapor phase technical report, 1 jul. 1960 - 1 jan. 1961	1961
19680092472	Electronic data handbook	1961
19680092601	Surveyor spacecraft development plan /u/	1961
19680092633	Summary of Mobile Space Vehicle Launch Facility Utilizing Floating Drydock Components	1961
19680092658	Large closed-cycle water reactor research and development program Progress report, Sep. 1 - Nov. 30, 1961	1961
19680092707	The mechanism of adhesion between solid aerosol particles	1961
19680093097	Use of the discrete ordinate method for describing the transport of fast neutrons through iron slabs	1961
19680093796	Investigation of ion beam diagnostics Monthly progress report, May 1961	1961
19680093844	The general least squares adjustment and its application to space vehicle tracking under powered flight	1961
19680094175	Oxygen difluoride, the high energy, space storable propellant	1961
19690065929	Physiological considerations relevant to the problem of prolonged weightlessness - A review	1961
19690067412	NASA-Industry Apollo Technical Conference	1961
19690067413	Apollo spacecraft design	1961
19690067414	Summary of the Aerodynamic Characteristics of a Variety of Low-Lift-Drag-Ratio Reentry Vehicles	1961
19690067415	Launch-vehicle design features	1961
19690067416	Launch-vehicle performance characteristics	1961
19690067417	Launch-vehicle dynamics	1961
19690067418	Considerations of Space Rendezvous	1961
19690067419	Lunar landing considerations	1961
19690067420	Lunar trajectory analysis	1961
19690067421	Abort considerations	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690067422	A guidance and control concept for lunar missions	1961
19690067423	A study of a system for midcourse navigation	1961
19690067424	Guidance and control during descent parabolic reentry	1961
19690067425	Dynamic stability and control problems of piloted reentry from lunar missions	1961
19690067426	Influence of sustained accelerations on certain pilot-performance capabilities	1961
19690067427	Some physiological factors affecting the pilot under high sustained acceleration	1961
19690067428	Impact resistance of space vehicle structures	1961
19690067430	Radiation-design analyses for lunar missions	1961
19690067432	Measurements of the thermal radiation from shock layers of blunt bodies flying at velocities up to 44,000 feet per second	1961
19690067433	Effect of vehicle configuration on combined heating loads with special reference to radiative heating	1961
19690067434	Properties of materials for combined convective and radiative heating	1961
19690067435	An evaluation of thermal protection for Apollo	1961
19690067436	Characteristics of small control rockets	1961
19690067437	Onboard propulsion system for lunar missions	1961
19690067438	Environmental control system for lunar missions	1961
19690067439	Tracking and communications system for a lunar mission	1961
19690067440	Electric power supply system for Apollo	1961
19690067441	Earth landing system design analysis	1961
19690067442	Aerodynamic characteristics of parawings	1961
19690067443	Landing-impact-dissipation systems	1961
19690067444	Crew participation in the Apollo mission	1961
19690067505	NASA-Industry Apollo Technical Conference	1961
19690067517	Mercury Recovery Operations	1961
19690068046	The energy spectrum of fission particles leaving a fuel sheet	1961
19690069704	An experimental study of the effect of rearward mounted heavy nacelles on the flutter characteristics of low-aspect-ratio wings at transonic and supersonic speeds	1961
19690070970	Requirements and design concepts for an initial satellite weather radar	1961
19690074121	Transonic wind-tunnel measurements of the damping in pitch and oscillatory longitudinal stability of several reentry vehicles having low lift-drag ratios	1961
19690074197	Proceedings of the International Meteorological Satellite Workshop	1961
19690074198	The current NASA meteorological satellite program	1961
19690074199	The current USWB meteorological satellite program	1961
19690074200	The Tiros satellite	1961
19690074201	Cloudiness associated with large-scale synoptic systems in temperate latitudes	1961
19690074202	Interpretation of cloud types	1961
19690074203	Tropical cloudiness, severe storms, and convective cells	1961
19690074204	Picture gridding	1961
19690074205	Use of Tiros pictures in current synoptic analysis	1961
19690074206	Physical measurements and data processing	1961
19690074207	Application of Tiros data to radiative processes in the atmosphere	1961
19690074208	Application of radiation data to synoptic analysis and to studies of the general circulation	1961
19690074209	Differential cooling from satellite observations	1961
19690074210	Archiving of Tiros data	1961
19690074211	Supporting meteorological observations	1961
19690074212	NASA meteorological satellite plans for the future	1961
19690074213	An operational meteorological satellite system	1961
19690076501	Statistics of orbit determination - Correlated observations	1961
19690081723	Intelligibility of amplified speech in helicopter noise	1961
19690083870	An airborne foliage penetrating personnel detection radar concept /U/	1961
19690086172	Device 2-FH-4, item 2 Final report	1961
19690086700	Laboratory tests of the Norden model R1-203 single-degree-of-freedom, floated, rate integrating publication	1961
19690086701	Acceleration tests of the Norden model SX202 accelerometer	1961
19690086876	Flight-test evaluation of F9F-6K2 target aircraft	1961
19690086877	SPAROAIR - A two-stage, air-launched sounding rocket	1961
19690086878	Full-scale combustion tests of crow ramjet solid propellant formulation 17B	1961
19690086879	Two-and-three-tenths-inch combustion tests of crow ramjet solid propellant formulation 17B	1961
19690086880	The predicted aerodynamic heating of a proposed sea-launched vehicle	1961
19690086963	Burning times and autoignition temperatures of metal powders for ramjet solid fuels	1961
19690087276	An approximate method for the calculation of the pressure around conical bodies of arbitrary shape in supersonic and hypersonic flow	1961
19690087281	Saturn solenoid valve P/N MC3724	1961
19690087711	Program plan for the integration and testing of the Nimbus meteorological satellite, volume 2 - Appendices A through Q	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087849	Handbook for the Nimbus clock subsystem bench test equipment /NIMCOM-BT1/ in functional testing Nimbus command clocks	1961
19690087890	Flight unit 2, clock subsystem Environmental test report	1961
19690087919	Design plan for the ground station equipment for the Nimbus clock subsystem	1961
19690087958	Design plan for ground station transmission recorder unit	1961
19690087969	Nimbus A prototype spacecraft weight-balance and inertia test	1961
19690088006	Program plan for the integration and testing of th Nimbus meteorological satellite, volume 2, addendum 1 - Appendixes U, V, and W	1961
19690088018	Prototype clock subsystem no. 2	1961
19690088045	Program plan for the integration and testing of the Nimbus meteorological satellite, volume 2, addendum - Appendixes W, X, and Y	1961
19690088050	Nimbus a prototype spacecraft vibration test	1961
19690088057	Program plan for the integration and testing of the Nimbus meteorological satellite, volume 1	1961
19690088062	Environmental test report flight subsystem no.	1961
19690088067	Nimbus prototype spacecraft sustained acceleration test	1961
19690088068	Environmental test plan Nimbus clock subsystem	1961
19690088127	Test plan for Nimbus sensory subsystem thermal model	1961
19690088134	Program plan for the integration and testing of the Nimbus meteorological satellite, volume 4, appendix T	1961
19690088136	Calibration curves prototype vehicle Nimbus A	1961
19690088140	Design plan for ground station tape preparation equipment	1961
19690088163	Research study to determine propulsion requirements and systems for space missions - Volume 3 - Appendices /U/ Interim report, 1 Feb. - 31 May 1961	1961
19690088182	Stabilization and control subsystem. Nimbus meteorological satellite - Flight Monthly progress report, Dec. 1961	1961
19690088204	Stabilization and control subsystem - Nimbus meteorological satellite Monthly progress report, 10 Dec. 1960 - 10 Jan. 1961	1961
19690088239	Satellite-borne electronic clock Progress report, 1 Jan. - 31 Jan. 1961	1961
19690088250	Prototype clock subsystem no. 1 Environmental test report	1961
19690088259	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Monthly progress letter for Jun. 1961	1961
19690088264	The environmental test plan for the Nimbus clock subsystem, addendum	1961
19690088279	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Monthly progress letter, Nov. 1961	1961
19690088280	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Monthly progress letter, Oct. 1961	1961
19690088281	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Monthly progress letter, Sep. 1961	1961
19690088293	NASA "V" Band Separation Test	1961
19690088302	Design plan for Nimbus clock subsystem	1961
19690088303	Satellite borne electronic clock Progress report, 1-28 Feb. 1961	1961
19690088317	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Monthly progress letter for Aug. 1961	1961
19690088332	Stabilization and control subsystem. Nimbus meteorological satellite - Flight Monthly progress report, Nov. 1961	1961
19690088338	Stabilization and control subsystem. Nimbus meteorological satellite, phase 1 - Prototype Monthly progress report, Oct. 1961	1961
19690088367	Satellite-borne electronic clock Monthly progress report, 1-31 Aug. 1961	1961
19690088380	Stabilization and control subsystem for Nimbus meteorological satellite Monthly progress report, Aug. 1961	1961
19690088409	Stabilization and control subsystem Nimbus meteorological satellite Monthly progress report	1961
19690088427	Stabilization and control subsystem for Nimbus meteorological satellite Monthly progress report	1961
19690088460	Solar-conversion power supply subsystem for the Nimbus meteorological satellite Quarterly technical report, Apr. - Jun. 1961	1961
19690088475	Stabilization and control subsystem. Nimbus meteorological satellite Monthly progress report, May 1961	1961
19690088505	Automatic Picture Taking /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Jul. - Sep. 1961	1961
19690088551	Nimbus meteorological satellite - Integration and testing Quarterly progress report, 15 Aug. - 15 Nov. 1961	1961
19690088618	Automatic Tracking Antenna System. System Operation and Maintenance, Volume 1	1961
19690088619	Modifications to ground support equipment at Pad 1, Complex 75-1, Vandenberg Air Force Base, to accommodate a DSV-2C or Thorad A	1961
19690088624	Presentation to Dr. Harry Goett, director	1961
19690088625	Nimbus integration and test oral presentation	1961
19690088643	Nimbus meteorological satellite. Integration and testing Quarterly progress report	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088742	Stabilization and control subsystem Nimbus meteorological satellite, phase 1 - Prototype Monthly progress report	1961
19690088750	Automatic-tracking antenna system. System intercabling, volume 3	1961
19690088769	Clock receiver for Nimbus meteorological satellite. Design study report	1961
19690088806	Stabilization and control subsystem. Nimbus meteorological satellite, phase 1 - Prototype Monthly progress report, Nov. 1961	1961
19690088814	Stabilization and control subsystem Nimbus meteorological satellite. Phase 1 - Prototype Monthly progress report, Sep. 1961	1961
19690088815	Stabilization and control subsystem. Nimbus meteorological satellite flight Monthly progress report	1961
19690088819	Clock receiver for the Nimbus meteorological satellite. Test plan for prototype and flight models	1961
19690088846	Stabilization and control subsystem, Nimbus meteorological satellite Monthly progress report, Feb. 1961	1961
19690088848	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Quarterly progress report, Jan. - Mar. 1961	1961
19690088854	The combined laboratory and kc-135 aircraft zero-G test program Progress report, Mar. - May 1961	1961
19690088884	Nimbus meteorological satellite. Stabilization and control subsystem Monthly progress report, Jan. 1961	1961
19690088891	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Quarterly technical report, Apr. - Jun. 1961	1961
19690088895	Nimbus meteorological satellite. Stabilization and control subsystem Monthly progress report, Jun. 1961	1961
19690088920	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite, phase 1 Interim technical report	1961
19690088928	Stabilization and control subsystem. Nimbus meteorological satellite Monthly progress report, Apr. 1961	1961
19690088940	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Monthly progress letter	1961
19690088957	Nimbus meteorological satellite integration and testing materials report	1961
19690089044	Nimbus meteorological satellite. Integration and testing Quarterly report	1961
19690089087	Solar conversion power supply subsystem for the Nimbus meteorological satellite Quarterly technical report, Jun. - Aug. 1961	1961
19690089110	A recovery system for a high altitude probe /U/	1961
19690089223	Further consideration of the control requirements for a slender delta aircraft to perform sidestep manoeuvres at approach speeds	1961
19690089348	Rapid acclimatization to heat in man	1961
19690089471	Range-finding toxicity cavea B salt	1961
19690089476	Study of a propulsion fluid system for an aerospace plane - thermodynamic properties of oxygen-nitrogen mixtures and air, volume 1, part 2	1961
19690089484	Design considerations for a new ASW flying boat /U/	1961
19690089552	Systems engineering. Engineering management report number 1	1961
19690089641	Three and four E hydraulic staging line investigation	1961
19690089658	Plastic bending allowables for CRT AM355 stainless steel sheet	1961
19690089659	On very thin gold monocrystal foil	1961
19690089660	Pre-production test report on hose assembly- metallic, missileborne, DWG. no. 27-08521	1961
19690089661	Acceleration and control maneuvers test on Centaur attitude control system	1961
19690089663	Effect of revised aerodynamic stability and performance coefficients on Atlas/D- Centaur vehicle performance	1961
19690089676	The performance analysis of a Mach 6.3 rocket-powered hypersonic wind tunnel using hydrogen-air as the working fluid	1961
19690089677	MA-3 sustainer accumulator evaluation	1961
19690089678	Jettisonable piggy back pod door	1961
19690089685	Carbon gas, CN and CO plus molecular density in atmospheres of bright comets	1961
19690089686	Tanking test of E silo boil-off valve DWG. no. 27-80750/27-81448	1961
19690089688	Flight test report Atlas missile 16 E, 24 March 1961	1961
19690089691	Evaluation test of Ullage pressure transducer kit temperature sensitivity	1961
19690089692	Ejection test of re-entry piggy back pod	1961
19690089693	On interpreting the time law during the formation of hydrogen bromide from its elements	1961
19690089697	A preliminary report on the generalized place value theory of the many valued logic	1961
19690089698	Corrosion and lubrication of the umbilical plug	1961
19690089700	Centaur subsystem no. 2 telepak assembly flight certification test	1961
19690089704	Piggy back pod mechanism test	1961
19690089705	Design proofing test report on Centaur propellant utilization manometer heater control assembly	1961
19690089709	The reliability search for critical weakness and operating life test plan for the Centaur mission	1961
19690089713	Service test evaluation of filterability and water separation characteristics of jet fuel. Volume 2. Appendixes	1961
19690089714	Test dewar window assembly Centaur	1961
19690089716	Liquid oxygen topping system check valve 27-02501	1961
19690089718	Load vs. deflection tests on a small, hemispherical bulkhead model	1961
19690089719	Centaur upper tank purge test	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089722	Summary of the IBM 7090 program for calculating the exact supersonic flow field about a sharp nosed circular at zero angle of attack	1961
19690089728	Determination of coefficient, bubble test, filter	1961
19690089740	Pitch maneuver test, and single plane limit cycle tests of the Centaur attitude control system	1961
19690089741	Evaluation test for Kearfott displacement gyro /SMRD/ GD/A P/N - 7-04250-1	1961
19690089745	The viscosity-temperature-dependence of liquids	1961
19690089746	Service test evaluation of filterability and water separation characteristics of jet fuel, volume 1	1961
19690089751	Evaluation of Wheacton ac voltage sensing relay model E1020	1961
19690089756	Operational test of the centaur umbilical boom arrangement	1961
19690089852	Design and evaluation of a logarithmic scale for signal analysis	1961
19690089854	A first approximation to the effect of intermediate bulkhead heat-leak on Atlas/ Alpha-Centaur payload capability	1961
19690089855	Dry tank TV lighting study	1961
19690089858	Evaluation test of Agena booster boiloff valve revision dwg. no. sensor 27-81448, dwg. no. boiloff valve 27-80750	1961
19690089860	Point Arguello culvert and semi-culvert flame deflector thermodynamic and gas dynamic environment	1961
19690089861	Condition of sustainer engine propulsion control valves during operation of hydraulic pumping unit	1961
19690089871	Fuel losses on a typical 6.2 hour Centaur mission due to meteoroid puncture. Addendum. Losses with variable flight time	1961
19690089910	Frequency response tests of the autopilot system with or without accumulators /data only/	1961
19690089912	Evaluation test report of transducer, pressure, 25 PSIA, Solartron Electronics type NT4-980.2	1961
19690089917	Determination of the feasibility of a winds-ahead computer Final report	1961
19690089924	Air induction control system XB-70A air vehicle	1961
19690089963	Stabilization and control subsystem. Nimbus meteorological satellite - Flight Monthly progress report, Oct. 1961	1961
19690089982	W5107A-1 flight test working group flight test report, Atlas missile 25E, 2 October 1961, AMR range test number 1252, Astronautics test number P1-503-00-25	1961
19690089983	Piggy back pod additional chemical release bottle test	1961
19690089984	A feasibility study for inclusion of smoke generators on Atlas flights	1961
19690089989	Contamination sampling laboratory test report	1961
19690089996	Vibration sensitivity determination of strain gage pressure transducer	1961
19690090004	Evaluation test report of shaft seal, boost pump first stage, hydraulic pumping unit, EID-27-08650-1	1961
19690090017	Evaluation test on the flat sandwich propellant utilization sensor	1961
19690090018	Liquid oxygen pressure loss phase 1 and 2	1961
19690090039	Heat transfer and pressure tests at Mach 22 of AD-556M-1, A .100 scale model of the forward 150 inches of the Dyna Soar glider /U/	1961
19690090043	Flight test plan POD 3 - Scientific passenger POD program, Atlantic Missile Range	1961
19690090045	Particle filter, pneumatic - Evaluation test of GD/A dwg. no. 27-11966-1	1961
19690090048	Range safety trajectory and dispersion information for the Mercury Atlas 93-D flight test vehicle	1961
19690090049	The electric mass filter	1961
19690090050	Surge tank - Protective coating study	1961
19690090051	The electrostatic precipitation of lead-tin alloys	1961
19690090053	Trajectory design for Centaur missions	1961
19690090054	Heat transfer rates to 1/50th scale models of the Atlas forebody with GE Mark 2 and Avco series 4 reentry body configurations	1961
19690090055	An analysis of the time law for compound chemical reactions	1961
19690090056	Initial acceptance test report for regulator assembly, E series helium pressure liquid oxygen tank dwg. no. 27-80400, Convair Stratos	1961
19690090057	Model 55 hydraulic system environmental test	1961
19690090058	Combined laboratory and KC-135 aircraft zero-G program Progress report, Jun. - Aug. 1961	1961
19690090059	Systems test of DPF type servo valves	1961
19690090060	Centaur insulation jettisoning test	1961
19690090082	Pre-production test report for Leland rotary inverter, CVA P/N 27-06178-3	1961
19690090083	Determination of fluosilicic acid and hydrofluoroboric acid as well as some organic compounds in plating solutions	1961
19690090175	Lunar soft landing study	1961
19690090280	Design relationships for a displace phase center antenna as applied to an airborne moving-target indicator system /U/	1961
19690090372	Saturn monthly technical progress and quarterly report, September, 1961 /U/	1961
19690090373	Saturn monthly technical progress report, October 1961 /U/	1961
19690090457	Electric insulators for very high temperatures Quarterly report, 16 Jun. - 15 Sep. 1961	1961
19690090701	Study of a propulsion fluid system for an aerospace plane, part 1 /U/ Final report, Jul. 1960 - Dec. 1961	1961
19690090702	Study of a propulsion fluid system for an aerospace plane air enrichment system study, part 2, volume 2 /U/ Final report, Nov. 1960 - Dec. 1961	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090703	Study of a propulsion fluid system for an aerospace plane air enrichment system study, part 3, volume 3 /U/ Final report, 1 Nov. 1960 - 30 Sep. 1961	1961
19690090704	Study of a propulsion fluid system for an aerospace plane air enrichment and collection system study, part 3, volume 4 /U/ Final report	1961
19690090705	Study of a propulsion fluid system for an aerospace plane air heat exchange system study, part 2, volume 5 /U/ Summary technical report, Nov. 1960 - Aug. 1961	1961
19690090706	Study of a propulsion fluid system for an aerospace plane air heat exchange system study, part 2, volume 6 /U/ Final technical report	1961
19690090741	J-2 program /U/ Monthly progress report, period ending 31 Mar. 1961	1961
19690090834	J-2 program Monthly progress report for period ending 30 Nov. 1961 /U/	1961
19690090864	Investigation of the effects of wet, chloride- bearing, thermal insulation on austenitic steel pipe - Nuclear ship Savannah	1961
19690090889	Flight test evaluation report, missile 17E	1961
19690090892	Missile 6E, run S2-506-A4-06 Final accident investigation report	1961
19690090894	Aerodynamic coefficients for the 17,000, 19,000, and 21,000 pound payload Atlas- Agena missiles	1961
19690090912	Aerodynamic force coefficients for the Atlas-Agena missile with Saint payload and Nimbus shroud	1961
19690090913	Critical pitch rate coefficients, skin temperature, and tank pressures for the 15,000, 17,000, 19,000, and 21,000 pound Atlas-Agena vehicles	1961
19690090915	Reinforced grain advanced development program /U/	1961
19690090916	Aerodynamic performance coefficients for the Alpha-Centaur/Atlas vehicle with ADVENT type nose fairing, addendum 1	1961
19690090972	Filtering and sampling plan for propellant liquids and gases for F series bases	1961
19690090976	Aerodynamic force coefficients for the Atlas-Agena missile with advent payload	1961
19690090979	Test plan for Centaur propulsion test vehicle at MSTs test stand 1-1	1961
19690091001	OSTF-1 periodic evaluation report Test report, 20 Sep. - 31 Oct. 1961	1961
19690091003	Performance capability of the three stage Saturn C-1 configuration /S-1, S-4, S-5/	1961
19690091039	Engineering design review Nike Zeus target program	1961
19690091040	Flight test plan Pods 24 and 25, scientific passenger Pod program, Atlantic missile range	1961
19690091053	Advent Monthly progress report, 15 Oct. - 15 Nov. 1961	1961
19690091054	Advent Monthly progress report	1961
19690091055	Factory acceptance testing of missile 20F	1961
19690091058	Guidance error analysis and orbit determination accuracies for the Apollo vehicle	1961
19690091069	Analysis of transient attitude excursions of the Centaur vehicle following engine ignition	1961
19690091074	Centaur vehicle performance summary and payload derivatives	1961
19690091075	WS 107A-1 flight test working group. Flight test report - Atlas missile 6F	1961
19690091076	Distributions of aerodynamic axial forces on Atlas 'D' /R/D/ used as booster for three heavy weight Agena second stages	1961
19690091090	Centaur Semiannual technical summary report	1961
19690091091	Study of ramjet fuel in Atlas for Ranger missions, addendum Final report	1961
19690091103	Atlas booster phase pitch program for the Atlas/Centaur vehicles C-4 through C-10	1961
19690091104	Factory acceptance testing of missile 53E	1961
19690091105	Azusa Mark 2 impact prediction results	1961
19690091143	Investigation of optical coatings for solar cells Technical summary report, 1 Jul. - 31 Dec. 1961	1961
19690091184	Tiros meteorology Final report	1961
19690091239	Survey on missile structural dynamics	1961
19690091316	Use of satellite radiation observation in weather analysis and forecasting Progress report, 1 Apr. - 30 Jun. 1961	1961
19690091325	Project Tiros - Meteorological Satellite Semiannual Technical Summary Report, Jan. - Jun. 1960	1961
19690091366	A study of systems for space propulsion Quarterly progress report, 1 Feb. - 30 Apr. 1961	1961
19690091393	Factory acceptance testing of missile 105D	1961
19690091394	Factory acceptance testing of missile 17E	1961
19690091395	Aerodynamic loads and stability parameters for the re-entry piggy back pod, including aerodynamic effects of the pod on its Atlas booster	1961
19690091472	Saturn S-2 /U/ Progress report, 28 Oct. - 1 Dec. 1961	1961
19690091473	Saturn S-2 /U/ Progress report, 9-27 Oct. 1961	1961
19690091571	Factory acceptance testing of missile 2F	1961
19690091572	Factory acceptance testing of missile 46E	1961
19690091573	Factory acceptance testing of missile 26E	1961
19690091574	Factory acceptance testing of missile 112D	1961
19690091575	Factory acceptance testing of missile 25E	1961
19690091576	Factory acceptance testing of missile 30E	1961
19690091577	Factory acceptance testing of missile 32E	1961
19690091581	Aerodynamic coefficients for the Centaur- Atlas missile	1961
19690091708	Factory acceptance testing of missile 24E	1961
19690091711	Stress analysis - Mounting bracket and nose fairing for installation AFSWC POD E series missile	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091827	Wind tunnel tests of the Corvus missile in the flow field of the A4D-2 airplane at high subsonic speeds /U/	1961
19690091845	Research Activities at NASA Lewis Research Center /U"/ Progress Report, 1 Jan. - 31 Mar. 1961	1961
19690091846	Dyna-Soar, Step 1 - Cantilevered Fin Flutter Report /U/	1961
19690091847	Dyna-Soar booster - Wind tunnel program /U/	1961
19690091848	Interim Propagation Analysis - Dyna-Soar 1 Booster /U/	1961
19690091849	Initial structural design loads - Dyna-Soar, step 1, booster /U/	1961
19690091851	Pressure and Heat Transfer Investigation on Titan 1 Booster - Dyna-Soar Glider No. 2005 Model /U/	1961
19690091854	Cost optimized booster system studies, volume 2 /U/ Supplementary final report	1961
19690091899	Investigation of the aerodynamic characteristics of a 3.06-scale model of the DS-1 glider /BAC no. 2005/ in the Ames unitary wind tunnel /U/ Preliminary data report, 5-23 Dec. 1960	1961
19690091964	Unmanned mobile vehicles for lunar surface exploration	1961
19690091994	Glider wind tunnel performance, stability and control data /U/	1961
19690092015	Factory acceptance testing of missile 49F	1961
19690092016	Factory acceptance testing of missile 111D	1961
19690092017	Factory acceptance testing of missile 55E	1961
19690092018	Factory acceptance testing of missile 54E	1961
19690092032	Summary of lunar roving vehicle studies	1961
19690092070	SM-65 series D/Samos/Midas flight termination subsystem, Pacific Missile Range	1961
19690092083	Thermal requirements of non-ablating heat- sink materials	1961
19690092086	Mercury/Atlas MA-3 /Atlas 100D/ Flight test report, 25 Apr. 1961	1961
19690092088	Advent Monthly progress report	1961
19690092089	Advent Monthly progress report	1961
19690092094	Factory acceptance testing of missile 20E	1961
19690092095	Factory acceptance testing of missile 23E	1961
19690092106	Pre-production test report for control-rate of turn, autopilot CVA P/N 27-04301-1. Minneapolis-Honeywell Regulator Co. model URT114 S/N902B	1961
19690092107	Preinjection trajectories for Mariner 'A' missions, P-37 and D-38, part 1	1961
19690092108	Performance summary for the Saturn C-1 configuration	1961
19690092115	Italian Navy R4D hydrofoil design specifications and technical information, volume 1	1961
19690092116	Italian Navy R4D hydrofoil design specifications and technical information, volume 2	1961
19690092118	Instrumentation configuration quality assurance firing	1961
19690092119	Factory acceptance testing of missile 34F	1961
19690092120	Centaur propellant boil-off and tank pressure histories	1961
19690092123	Mercury/Atlas MA-5 /Atlas missile 93D/	1961
19690092128	Preinjection trajectories for Surveyor missions	1961
19690092140	Study of Ramjet fuel in Atlas for the Atlas/Centaur/Advent program	1961
19690092144	Determination of the basic loads and deflections for Mariner-A spacecraft, Centaur program	1961
19690092145	Mercury/Atlas MA-4, Atlas missile 88D Flight test report	1961
19690092147	Factory acceptance testing of missile 116D	1961
19690092148	Atlas-Agena B-Ranger-program, missile 133D Flight test plan	1961
19690092150	Production evaluation test report for Kearfott rate integrating gyro, GD/A part no. 7-04250-3, spec. no. 27-04590, vendor Kearfott, vendor P/N C70-2506-000, S/N 3612, AB, lot no. 17	1961
19690092156	ASIS LO2 tank pressure abort switching level	1961
19690092163	Production evaluation test report for magnetic amplifier vendor - AIRPAX vendor P/N type M-5155, GD/A part no. 7-04346	1961
19690092172	Martian probe - Structure, configuration and propulsion	1961
19690092200	Flight accuracy and guidance system performance and range capability report, missile 53D	1961
19690092206	Production evaluation test report for Kearfott displacement gyro type C70-2506-000 serial no. 3033 GD/A part no. 7-04250-3	1961
19690092499	Factory acceptance testing of Centaur vehicle C-1	1961
19690092502	Error analysis for the Centaur guidance system when flying a Mariner mission	1961
19690092511	Quality control and analysis of Centaur inertial components	1961
19690092657	Individual acceptance test report for the zero G separator, GD/A P/N 55-80021-3 S/N 002	1961
19690092681	Production evaluation test report for Kearfott displacement gyro - Vendor type C70-2506-000, serial no. 3058, GD/A part no. 7-042-50-3	1961
19690092697	Technical analysis of Atlas boosters for Nike Zeus re-entry target	1961
19690092702	OSTF-1 periodic evaluation report, 1-30 November 1961	1961
19690092704	Production evaluation test report for Kearfott rate integrating gyro, vendor type C702506000, serial no. 5177b, GD/A part no. 7-04250-3, serial no. 107-1288	1961
19690092749	Production evaluation test report for Kearfott rate integrating gyro, vendor type C70-2506000, serial no. 3347AB, GD/A part no. 7-04250-3, serial no. 1081457	1961
19690092753	Atlas/Agena-B/Advent instrumentation configuration, series D, article 122 AMR	1961
19690092831	Triple tanking test - Atlas 104 Centaur C-1 - Astronautics test number P6-4CBN-07-104/C-1	1961
19690092921	Presentation on Some Space Flight Guidelines for the Quartermaster Research and Engineering Command /U/	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092926	Part B - Scope of work for Saturn C-3 stage S-1B /U/	1961
19690092930	Saturn program report /U/	1961
19690093050	Development and production refinement of MIL-C-26500/USAF/ connectors, general purpose, electrical, miniature circular, environmental resisting, 200 deg C ambient temperature	1961
19690093098	Manual for ultrasonic attenuation unit	1961
19690093266	Some transonic dynamic longitudinal and directional stability parameters of a canard airplane model designed for supersonic flight	1961
19690093409	Interference analysis study, volume 1	1961
19690093410	Propagation data for interference analysis, volume 2	1961
19690093876	Development of display system design criteria for Saturn computer complex Summary report	1961
19690094005	Chariot third-stage propulsion system model 8181 /U/ Program progress report, 19 Jun. - 6 Aug. 1961	1961
19700071108	Sputtering of Metallic Surfaces at Energies Between 100 to 5,000 Electron Volts Semiannual Report	1961
19700071973	The perpendicular transmission of electromagnetic waves through a layer with space-dependent dielectric constant	1961
19700076140	Preliminary analysis of vehicle response to a parachute and retrorocket landing system	1961
19700076141	Preliminary study of a pulse code modulation data acquisition and reduction system for support of Project Apollo	1961
19700076167	Preliminary study of a digital television system for use on the Apollo spacecraft, Project Apollo	1961
19700076182	Hazard considerations for Apollo launch phases	1961
19700076183	Static longitudinal stability characteristics of a modified atmospheric abort configuration for Project Apollo	1961
19700076189	Preliminary concept of Apollo spacecraft communications and tracking equipment. Project Apollo	1961
19700076190	Preliminary investigation of ground tracking and communication systems adaptable for use in Project Apollo	1961
19700076253	Consideration toward design of a space radiator for Apollo	1961
19700076273	A preliminary study of a fin-stabilized solid-fuel rocket booster for use with the Apollo spacecraft	1961
19700076427	Landing systems applicable to Apollo spacecraft. Project Apollo	1961
19700076428	Preliminary analysis of the fuel weight requirements for mission abort at earth escape velocity	1961
19700076454	Project Apollo. Preliminary study of a pulse code modulation telemetry link for Project Apollo	1961
19700076465	A preliminary investigation of system requirements to limit vehicle overpressures aborting from an exploding booster at dynamic pressures in excess of 500 pounds per square foot. Project Apollo	1961
19700076477	Attenuation of corpuscular radiation through shielding /Project Apollo/	1961
19700076508	Project Apollo - Propulsion requirements for lunar landing missions employing a detachable lunar lander	1961
19700076556	Reduction of nulls in C-band beacon antenna pattern in support of Mercury and Apollo programs	1961
19700076559	Landing characteristics of an Apollo type vehicle, Project Apollo	1961
19700078247	The aerodynamic characteristics of a blunt half cone entry configurations obtained from ballistic range tests at Mach numbers near 3	1961
19700078266	Aerodynamic characteristics of several canard arrangements on an airplane configuration for Mach numbers of 1.55 to 3.50	1961
19700078277	Determination of stability derivatives from ballistic range tests of rolling aircraft models	1961
19700078279	Effects of control surfaces on the aerodynamic characteristics of a disk reentry shape at large angles of attack and a Mach number of 3.5	1961
19700078287	A study of the stability and performance of some unsymmetrical truncated conical configurations for lifting reentry	1961
19700078291	Aerodynamic characteristics of two disk reentry configurations at a Mach number of 2.2	1961
19700078337	The static and dynamic stability derivatives of a blunt half-cone entry configuration at Mach numbers from 0.70 to 3.50	1961
19700079477	Investigation of Bacterial Contamination Inside Electronic Components. Test 4	1961
19700088836	Addendum A - Stress analysis, second stage airframe center section - USAF model XSM-65E, WS-107A-1 air vehicle	1961
19700088881	Thermal degradation studies of polymers at high temperatures Technical report, 1 Feb. 1960 - 16 Apr. 1961	1961
19700089188	Flare-out computer	1961
19700089304	Design and fabrication of refractory composite structures	1961
19700089341	Theoretical and experimental processing of lunar television pictures Bimonthly progress report	1961
19700089465	ARC stability contract	1961
19700089497	Ac arc dynamics, stabilization and starting criteria Quarterly progress report, Jul. - Sep. 1961	1961
19700089609	Tool Installation, Operation and Maintenance Instructions for Timer Programmed Consumable Electrode Fusion Spotwelding Process /variarc/	1961
19700089718	Evaluation of various devices for hydrofoil propulsion	1961
19700089776	Engineering activity in an integrated program to increase the reliability of the Atlas space booster systems	1961
19700089779	Actual extent of useful life of parachute canopy	1961
19700089788	Centaur autopilot system test	1961
19700089789	Centaur A/P system /TSTS structural/	1961
19700089791	Radar guidance experiments Final summary report, 13 Jun. 1960 - 10 Mar. 1961	1961
19700089796	Allowable lateral center of gravity displacement for Atlas D and E series missiles as determined by statistical methods	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089805	Maximum range capability of D and E series Atlas with and without propellant utilization control	1961
19700089871	Wind tunnel models stress analysis	1961
19700090185	Apollo Systems Study, Mid-Term Review /U/	1961
19700090500	Apollo thermal environment and protection	1961
19700091033	Pressure wave analysis	1961
19700091081	Final report on task 1	1961
19700091082	Final report on task 2	1961
19700091251	Report of research on the technique for making a large scale installation of rigid polyurethane foam Progress report	1961
19700091567	Aircraft noise emission, survey of A3J-1 airplane Interim report	1961
19700091587	Aircraft noise emission, survey of power approach sound pressure levels Interim report	1961
19700091768	Convective heat exchanger performance analysis /U/	1961
19700092156	Design and Development of the A-5 Crew Escape System	1961
19700092744	MOBIDIC programming manual	1961
19700093099	Power, 1 percent tolerance, 20 PPM/C resistor, fixed, wirewound Pacific Resistor Company	1961
19700093180	Indent parts list flow chart	1961
19700093270	Research and Development for Advancing the State of the Art of Segmented Solid Propellant Rocketry	1961
19700093713	Aerodynamic load distributions for the XM-50 rocket /U/	1961
19700093882	Numerical calculation of external thermal radiation in space	1961
19700093963	Photographic instrumentation for measuring critical crack length in Griffith-Irwin test specimens	1961
19700094082	Nimbus logic and description	1961
19700094133	Satellite Spectrometer. Phase 1 - Laboratory Breadboard Unit Final Report	1961
19700094585	Detailed engineering and statistical analysis of the reliability of an electromechanical device	1961
19700094679	Development of polyol prepolymers containing high energy oxidizing groups /U/ Final report, Jul. 1960 - Dec. 1961	1961
19700094847	Research on low temperature fuel cell systems Summary report, 1 Nov. 1959 - 30 Nov. 1961	1961
19700094915	Performance and properties of liquid propellants	1961
19700095100	Low speed wind tunnel tests on a 0.20 scale model of a T2J fan-in-wing configuration to determine lift, stability and control characteristics, volume 2	1961
19700095172	Visual alarm panels suitable for use in high-level ambient illumination	1961
19700095379	Preliminary discussions of optical techniques in support of Nike-Zeus /U/	1961
19710064707	Investigation of microbial contamination inside cured solid propellant	1961
19710064891	Flow Separation on Ellipsoidal-nosed Cylinder-flare Models at Transonic Mach Numbers	1961
19710064949	Rocket exhaust effects on radio frequency propagation from a Scout vehicle and signal recovery during the injection of decomposed hydrogen peroxide	1961
19710064951	Large-angle motion tests, including spins, of a free-flying dynamically scaled radio-controlled 1/9-scale model of an attack airplane	1961
19710064968	Measured and estimated aerodynamic characteristics for a model of a rocket booster at Mach numbers from 0.6 to 4 and at angles of attack from 0 deg to 180 deg	1961
19710064969	Low-speed aerodynamic characteristics of a model of the DS-1 glider	1961
19710064975	A parachute recovery test of a full-scale free-flight model of an air-to-surface missile with recovery initiated at a Mach number of 1.43	1961
19710064979	Analytical investigation of an acceleration autopilot for control of the impact point of a ballistic missile during reentry	1961
19710064981	Heat-shield performance during atmospheric entry of Project Mercury research and development vehicle	1961
19710064982	Free-flight measurements up to a Mach number of 11 of pressure and turbulent heat transfer on a blunted cone-cylinder with flared afterbody	1961
19710065158	Investigation of microbial contamination inside balsa wood and explosive charges /squibs, pyrotechnic pellets and finished propellant/, test no. 14-61	1961
19710065848	The problem of position observations of artificial earth satellites and the determination of the geographic coordinates of subsatellite points	1961
19710065854	Polarization of the outer corona according to aircraft observations of the solar eclipse of 15 February 1961	1961
19710065855	Determination of the degree of solar corona polarization by the observations of the solar eclipse of 30 June 1954	1961
19710065873	Mass spectrometric measurements of gas composition of the earth's atmosphere by means of rockets and satellites	1961
19710065912	Artificial clouds of sodium. Multiple diffusion of resonance light	1961
19710065938	Artificial sodium clouds. Wind speed, turbulence and density of the high atmosphere	1961
19710065968	Some results derived from the study of the deformation of artificial clouds of alkali metals	1961
19710065971	Chemical explosion produced in the high atmosphere	1961
19710065972	On the electrons in the composition of primary cosmic rays	1961
19710065973	The second phase of the Italian program for research with the aid of sounding rockets	1961
19710065974	An extension of infinitesimal calculus	1961
19710066052	Nonlinear oscillations of rarefied plasma, 1	1961
19710066090	The nucleonic cascade	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710066103	Mechanism of explosions occurring in discharge circuits of air compressors	1961
19710066165	Artificial earth satellites	1961
19710066186	On the depth of formation of Lindholm effect	1961
19710066786	National wind-tunnel summary	1961
19710066924	Deterioration of calcium stabilized zirconia	1961
19710066962	The mechanical instability and forced response of rotors on multiple-degree-of-freedom supports	1961
19710067230	Angle sensitivity of a silicon cell solar sensor	1961
19710068116	Investigation of the static stability and control characteristics and pressure distributions of a model of a hypersonic glider in combination with each of two booster systems at Mach numbers of 1.80, 2.75, and 4.50	1961
19710069955	Static longitudinal aerodynamic characteristics of a 0.07-scale model of a proposed Apollo spacecraft at Mach numbers of 1.57 to 4.65	1961
19710069956	Investigation of flutter characteristics of four series of low-aspect-ratio surfaces at Mach numbers from 1.49 to 2.87	1961
19710069958	An evaluation of thermal protection for Apollo	1961
19710069962	Control flutter stability analysis Saturn SA-1 /dummy upper stages/	1961
19710069963	Aerodynamic characteristics of a blunt-nosed winged reentry vehicle at supersonic and hypersonic speeds	1961
19710069964	Investigation of the low-subsonic flight characteristics of a model of a supersonic airplane configuration having tail surfaces outboard of the wing tips	1961
19710069967	Effects of wing section and body vertical location on the longitudinal aerodynamic characteristics at Mach number 4.63 of a configuration having a 70 deg delta wing and a low volume body	1961
19710069968	Exploratory low-speed wind-tunnel stability investigation of a supersonic transport configuration with variable-sweep wings	1961
19710069969	Transonic wind-tunnel investigation of the static stability and control characteristics of a supersonic fighter-bomber airplane	1961
19710070030	Hovering and transition flight tests of a supersonic fan-in-fuselage VTOL fighter model	1961
19710070031	Wind-tunnel investigation at Mach numbers from 0.30 to 1.20 of the static aerodynamic characteristics of a two-stage Saturn launch vehicle	1961
19710070034	Static longitudinal aerodynamic characteristics of a model of a two-stage version of a Saturn launch vehicle with a proposed Apollo payload at Mach numbers from 1.57 to 2.87	1961
19710070037	Low-speed, full-scale Reynolds number investigation of the effects of wing leading-edge radius, elevons, landing gear, and a body flap on the static longitudinal aerodynamic characteristics of a winged reentry configuration	1961
19710070039	Wind-tunnel investigation of the wing buffet response of a variable-wing-sweep model at subsonic and transonic speeds	1961
19710070040	Aerodynamic characteristics of a transport airplane configuration having tail surfaces located outboard of the wing tips at Mach numbers of 2.30, 2.96, 3.95, and 4.63	1961
19710070041	Transonic wind-tunnel investigation of the static longitudinal stability and performance characteristics of a supersonic fighter-bomber airplane	1961
19710070114	Flutter investigation of models having the planform of the North American X-15 airplane wing over a range of Mach numbers 0.56 to 7.3	1961
19710070115	Aerodynamic characteristics of two winged reentry vehicles at supersonic and hypersonic speeds	1961
19710070125	Summary of flight data of loads significance for five types of large missiles	1961
19710070142	Development of X-15 Self-Adaptive Flight- Control System	1961
19710070147	Bioastronautics Support of the X-15 Program	1961
19710070157	Effects of spike-mounted flow deflectors on the transonic aerodynamic characteristics of a blunt-nosed body of revolution having a cylindrical or flared afterbody	1961
19710070158	Performance and control of a full-scale, axially symmetric, external-internal- compression inlet from Mach 2.0 to 3.0	1961
19710070162	The damping in pitch and static stability of six supersonic impact ballistic configurations and three high-drag reentry capsules at a Mach number of 6.83	1961
19710070165	Static longitudinal aerodynamic characteristics at transonic speeds of a thick delta wing hypersonic glider configuration for angles of attack up to 100 deg	1961
19710070166	Free flight measurements of heat transfer to a simulated winged cone glide vehicle at angles of attack and at Mach numbers from 10 to 14.3	1961
19710070167	Investigation of the compression field and the flow distribution in the throat of a two dimensional, internal compression, Mach number 6.9 inlet	1961
19710070168	Longitudinal stability and control characteristics at a Mach number of 2.01 of several simulated air-launched ballistic missiles having various types of control surfaces	1961
19710070169	Investigation at a Mach number of 1.99 of two series of blunted delta planform models with several cross-sectional shapes for angles of attack from 0 deg to 90 deg	1961
19710070176	Static longitudinal stability and control characteristics at Mach numbers of 2.86 and 6.02 and angles of attack up to 95 deg of a lenticular-shaped reentry vehicle	1961
19710070279	Experimental Investigation of Pressure Distribution and Static Aerodynamic Characteristics for Three Supersonic Impact Ballistic Reentry Shapes at Mach Numbers of 1.93, 2.55, and 3.05	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710070280	Investigation of the low subsonic stability and control characteristics of a hypersonic boost glide type airplane with wing, fuselage, and vertical tail modifications	1961
19710070281	Transonic wind tunnel investigation of the static longitudinal aerodynamic characteristics of five nose cones designed for supersonic impact	1961
19710070282	Additional heat transfer measurements obtained in free flight on a hemispherical concave nose at Mach numbers up to 7.1	1961
19710070283	Tests of an internal compression induction system with inlets located on opposite sides of an airplane fuselage at Mach numbers from 1.72 to 2.50	1961
19710070295	Static longitudinal aerodynamic characteristics at transonic speeds of a flat delta wing hypersonic glider for angles of attack up to 100 deg	1961
19710070296	Wind-tunnel Investigation at Mach Numbers from 1.47 to 4.62 of Static Aerodynamic Characteristics of Twelve Nose Cones Designed for Supersonic Impact	1961
19710070297	Static control characteristics of a glider reentry configuration having 79.5 deg sweepback and 45 deg dihedral at a Mach number of 6.01	1961
19710070320	Aerodynamic characteristics of a group of winged reentry vehicles at Mach number 6.01 at angles of attack from 60 deg to 120 deg and minus 10 deg to 30 deg roll at 90 deg angle of attack	1961
19710070324	Free-flight investigation of the static stability and aerodynamic drag of three blunt-nosed cylinder-flare test bodies at Mach numbers from 13 to 17	1961
19710070325	Hypersonic aerodynamic characteristics of several series of lifting bodies applicable to reentry vehicle design	1961
19710070333	Aerodynamic performance and static stability characteristics of a blunt nosed, boattailed, 13 deg half cone at Mach numbers from 0.6 to 5.0	1961
19710070342	Effects of nose-cone angle on the transonic aerodynamic characteristics of a blunt cone-cylinder body having a cylindrical, flared, or blunt-finned afterbody	1961
19710070362	A wind-tunnel investigation of the aerodynamic characteristics of a generalized series of winged reentry configurations at angles of attack to 180 deg at Mach numbers of 2.38, 2.99, and 4.00	1961
19710070366	Experimental investigation of the pressures, heat transfer, and surface flow patterns around a blunt half-cone lifting reentry body at a Mach number of 9.6	1961
19710070367	Effects of several nose and vertical-fin modifications on the low-angle-of-attack static stability of a winged reentry vehicle at Mach numbers of 9.6 in air and 17.8 in helium	1961
19710070510	Summary of Aerodynamic Characteristics of Low-lift-drag-ratio Reentry Vehicles from Subsonic to Hypersonic Speeds	1961
19710070515	Experimental investigation of longitudinal static stability of a glider and 11 booster configurations at Mach numbers from 1.62 to 6.86	1961
19710070516	Twin engine attack type airplane model with large speed brake, thrust spoiler surfaces	1961
19710070517	Afterbody temperatures, pressures, and aerodynamic characteristics resulting from extension of speed brake configurations into the exhaust jets of a twin engine attack type airplane model	1961
19710070520	Directional and lateral stability characteristics of a winged reentry vehicle at hypersonic speeds	1961
19710070521	Investigation of the aerodynamic and control characteristics of a hypersonic glider at Mach numbers from 1.66 to 4.65	1961
19710070522	Investigation of the low subsonic stability and control characteristics of a model of a hypersonic boost-glide airplane designed for high lift-drag ratios at low speeds	1961
19710070523	Investigation of the performance and control of a Mach 3.0, two-dimensional, external-internal-compression inlet	1961
19710070524	Damping in pitch and static stability of blunt cone-cylinder-flare models and manned reentry capsule models for various angles of attack at a Mach number of 2.91	1961
19710070640	Problems concerning noise generated by super boosters	1961
19710071266	Outer space activities and the law	1961
19710071267	Communication satellites	1961
19710074601	Project Apollo Spacecraft Development Statement of Work. Part 2 - Contractor Tasks /U/	1961
19710074641	Apollo Mid-Term Progress Report, Volume 1 /U/	1961
19710075790	Study of a paraglider recovery system for the Saturn booster	1961
19710076051	NASA system design and research Monthly progress report, 3-31 Jul. 1961	1961
19710077456	Surface currents	1961
19710077457	Oceanographic operation Marchile 1 background	1961
19710077468	Optimum propellant loading and propellant utilization system techniques	1961
19710077653	Aeronautical Systems Division studies in weightlessness 1959 - 1960	1961
19710077813	German Public Report of 1957 - 1960 for the 12th General Congress of IUGG in 1960 in Helsinki	1961
19710077843	Manual for West Indies. Part 1 - The north coast of South and Central America, number 2	1961
19710078313	The three dimensional smoke tunnel of the Naval Air Engineering Laboratory in Philadelphia, Pennsylvania	1961
19710079002	Testing for randomness of pseudo-random numbers	1961
19710079431	Methods and results of statistical analysis of swell	1961
19710079691	Preliminary investigation of potentials of the photogrammetric anaglyph Final technical development report	1961
19710080104	MAD signal processing study. Volume 1 - Analytical report, number 2 /U/ Final report	1961
19710080255	Note on the interaction of the boundary layer with an external flow containing vorticity	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081356	Evaluation of the North American Aviation Incorporation visual presentation flight simulator Final report	1961
19710081357	Limited cold weather evaluation of multi- purpose ground service unit, model 2100-5 Final report, 2 Jan. - 10 Mar. 1961	1961
19710081373	Evaluation of the North American Aviation Inc. Dynamic Flight Simulator Final report	1961
19710081374	Evaluation of the Republic Electronic Industries pitot and static system tester Final report, 1-5 May 1961	1961
19710081436	Application of nuclear irradiation techniques to the tailoring of semiconductor properties Research report, Jun. 1967 - Oct. 1970	1961
19710081561	Evaluation of the Hiller model UH12E-4 helicopter Final report, Apr. - May 1961	1961
19710081675	Evaluation of the Mark 12 auxiliary fuel and oil system Final report, 9 - 17 Mar. 1961	1961
19710081676	Cold weather suitability test of the AO-1AF Final report, 2 Jan. - 10 Mar. 1961	1961
19710081677	Evaluation of the Aerodynamic Corporation pitot and static system tester Final report, 5 - 12 Sep. 1961	1961
19710082466	SM-62 alert station trouble analysis guide. Volume 2 - BB3 test	1961
19710082643	Report of special investigation of major aircraft accident involving JF-89J, 52-1917, /N-4494/ near El Paso, Texas on 27 January 1961	1961
19710082973	Summary of services in support of category 2 flight test of F-101A subsystem	1961
19710082974	SM-62 alert station trouble analysis guide. Volume 3 - BB4 test	1961
19710083276	Contribution to the evaluation of jet deflection systems. 1 - Partial report, jet deflection systems for high speed-propulsive jets in the subsonic range, feasibility and state-of-the-art	1961
19710084654	A theory for HYDRA launch characteristics and its application to Scout and Minuteman class vehicles	1961
19710084657	Wind-tunnel tests of the Navy low-drag bomb at angles of attack up to 70 deg	1961
19710084672	CORVUS /XASM-N-8/ development testing at the US Naval Missile Center /U/ Final report, Jun. 1957 - Apr. 1961	1961
19720062377	The effects of wing vertical location and vertical-tail arrangement on the stability characteristics of canard airplane configurations having delta and trapezoidal planforms at Mach numbers from 2.38 to 4.00	1961
19720062385	Investigation of a new technique for releasing an externally carried fuel tank at subsonic and supersonic speeds, using a 1/40-scale model of a supersonic bomber airplane	1961
19720062386	An investigation at Mach numbers from 0.20 to 4.63 of the aerodynamic performance, static stability, and trimming characteristics of a canard configuration designed for efficient supersonic cruise flight	1961
19720062387	Static lateral and Directional stability and control characteristics of a 1/40-scale model of a 60 deg delta wing bomber configuration at a Mach number of 1.99	1961
19720062752	The development of an electro-thermal propulsion system	1961
19720063597	Statistics of orbit determination: Correlated observations	1961
19720063619	Tests of a fixed-geometry external-compression induction system model alone and in combination with a missile forebody configuration, at Mach numbers between 2.20 and 2.86	1961
19720063620	Transonic aerodynamic characteristics at a wing sweep of 104 deg of a variable-sweep airplane configuration with an over and under engine installation	1961
19720063621	Wind-tunnel measurements and estimated values of the rolling stability derivatives of a variable-sweep airplane configuration at subsonic and transonic speeds	1961
19720063622	The effects of horizontal-tail position on the longitudinal aerodynamic characteristics at transonic speeds of a variable-sweep aircraft having an inboard pivot	1961
19720063623	Effect of moisture content on the structural integrity of glass-fabric-reinforced phenolic-laminate radomes subjected to aerodynamic heating	1961
19720063624	Heat-transfer and pressure distributions of a 60 deg delta wing with dihedral at a Mach number of 6 and angles of attack from 0 deg to 52 deg	1961
19720063625	Wind-tunnel measurements at subsonic and transonic speeds of the rolling stability derivatives of a variable-sweep airplane configuration-outer wing panels swept 108 deg	1961
19720063629	Stability and control characteristics at transonic speeds of two variable-sweep airplane configurations differing in wing-pivot locations	1961
19720063630	Effects of wing sweep and horizontal-tail position on the aerodynamic characteristics at a Mach number of 2.2 of a variable-sweep airplane configuration having an inboard wing pivot	1961
19720063635	Free-flight measurements of drag and stability of a blunt-nosed cylinder with a flared afterbody in air and carbon dioxide	1961
19720063637	Experimental investigation of the effectiveness of an ablation-produced film in cooling a rocket nozzle	1961
19720063638	Comparison of experimentally obtained performance of two single-stage turbines with design ratios of blade to jet speed of 0.191 and 0.262 operated in hydrogen and in nitrogen	1961
19720063640	Cold-air performance evaluation of a three-stage turbine having a blade-jet speed ratio of 0.156 designed for a 100,000-pound-thrust hydrogen-oxygen rocket turbopump application	1961
19720063641	Experimental investigation of a 5.25-inch-mean-diameter two-stage reentry turbine suitable for high-energy auxiliary drive applications	1961
19720065957	Conference on Medical Results of the First US Manned Suborbital Space Flight	1961
19720067018	Hypersonic flow problems during reentry into the atmosphere	1961
19720068919	Project Apollo landing systems applicable to Apollo spacecraft	1961
19720069438	Pressure distribution on three WADD Lockheed hypersonic glide vehicles at Mach number 8	1961
19720069449	Wind-tunnel investigation of the effects of boundary-layer bleed on the inlet performance of a 0.04-scale model of the B-70 airplane (Coord. no. AF-AM-199)	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072594	Study of scatter of structural response and transmissibility	1961
19720073846	Design and development of the Mk 258 Mod 0 igniter (U)	1961
19720074315	A feasibility study of an advanced manned spacecraft and system. Volume 4: On-board propulsion. Book 5: Appendix P-E and P-F	1961
19720075025	NASA system design and research	1961
19720075026	NASA system design and research	1961
19720075027	Observation of the MA-4 HF performance	1961
19720075028	NASA system design and research	1961
19720075030	NASA System Design and Research	1961
19720075468	National launch vehicle program summary	1961
19720075475	Advanced nuclear rocket research planning group (ad hoc)	1961
19720075562	Reactor in-flight test vehicle systems study	1961
19720075604	Space power plant study, 250 kw(e) to 750 kw(e)	1961
19720075748	Second preliminary report on acquisition-aid evaluation at Wallops Island	1961
19720075792	Methods for the reduction of reradiation error in naval high frequency shipboard direction finding	1961
19720075828	Large-angle motion tests, including spins, of a free-flying radio-controlled 0.13-scale model of a twin jet swept wing fighter airplane	1961
19720075928	Bilocal theory of randomly perturbed fields	1961
19720076207	Surveyor scientific instruments' interface descriptions	1961
19720076362	Analytic theory of biased proportional navigation	1961
19720076518	Marp report on ballistic missile flight control theory	1961
19720076581	Nuclear radiation effects handbook	1961
19720077675	Life in Extraterrestrial Environments	1961
19720079623	Performance data substantiation report for the F-106A flight manuals T O IF-106A-1 (appendix 1) dated 1 September 1961 and the F-106A standard aircraft characteristics charts dated 1 October 1961, appendix G	1961
19720079624	Performance data substantiation report for the F-106A flight manuals TO IF-106A-1 (appendix 1) dated 1 September 1961 and the F-106A standard aircraft characteristics charts dated 1 October 1961	1961
19720080012	Fluoroscopy of filament wound fiberglass missile motor case material, feasibility study	1961
19720080499	Sintering characteristics of tungsten-uranium dioxide	1961
19720080522	The nuclear test stage safety study (U)	1961
19720081079	List of charts for presentation to NASA Headquarters, Saturn program report	1961
19730061372	Water-moderated nuclear rockets	1961
19730063299	An analysis of Moon-to-Earth trajectories	1961
19730063655	Ranger Retro-Rocket Motor (BE-3)	1961
19730063709	Rendezvous-Compatible-Orbits	1961
19730064060	Design studies of very large solid fuel rockets	1961
19730064061	Applications for monopropellants in space vehicles	1961
19730064062	Mariner B study report	1961
19730064129	Hydrogen-fluorine and hydrogen-oxygen rocket research at NASA's Lewis Research Center	1961
19730064130	Test Result Part 1 of the Firing Test Report Saturn Vehicle SA-1	1961
19730064131	Volume changes and Poisson's ratio of polyurethane propellants under tensile deformations	1961
19730064132	Thirty kilowatt plasmjet rocket engine development	1961
19730064134	System considerations for the manned lunar landing program	1961
19730064144	Development of a solid propellant attitude and velocity control system for missiles and space vehicles	1961
19730064149	Quarterly Summary Report, 1 January - 31 March 1961	1961
19730064150	Quarterly Summary Report, 1 April - 31 June 1961	1961
19730064151	Quarterly Summary Report, 1 July - 30 September 1961	1961
19730064152	Design study of a large unconventional liquid propellant rocket engine and vehicle. Volume 4: Design considerations for large boosters	1961
19730064154	Solid-propellant rocket capabilities for spacecraft propulsion	1961
19730064156	A resume of the dynamic stability problems of ballistic bodies as measured in transonic wind tunnels	1961
19730064159	Measurement of VHF signal attenuation and antenna impedance during the ascending flight of a slender probe at velocities up to 17800 feet per second	1961
19730064271	Electric spacecraft for planetary and interplanetary missions	1961
19730064273	Design study of a large unconventional liquid propellant rocket engine and vehicle, volume 2, appendixes	1961
19730064275	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 4: On-board propulsion. Book 2: Appendix P-A	1961
19730064276	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 9: Apollo program implementation plan	1961
19730064277	Recent research developments from hypervelocity ballistic ranges at the Ames Research Center	1961
19730064286	A feasibility study of an advanced manned spacecraft and system. Volume 4: On-board propulsion. Book 5: Appendix P-E and P-F	1961
19730064287	Propulsion Requirements for Space Missions	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730064288	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 4: On-board propulsion. Book 1: Text and appendix P-C	1961
19730064289	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 4: On-board propulsion. Book 3: Appendix P-B	1961
19730064290	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 11: Selected studies applicable to Project Apollo	1961
19730064291	The Apollo "A"/Saturn C-1 launch vehicle system	1961
19730064292	Apollo: Trajectory analysis	1961
19730064298	The effects of aerodynamic heating on panel flutter	1961
19730064299	Design studies of very large solid fuel rockets	1961
19730064638	Longitudinal aerodynamic characteristics of five hypersonic missile configurations at Mach numbers from 2.01 to 6.01	1961
19730064639	Longitudinal Stability and Control Characteristics of Missile Configurations Having Several Highly Swept Cruciform Fins and Number of Trailing Edge and Fin Tip Controls at Mach Numbers from 2.21 to 6.01	1961
19730064640	Aerodynamic characteristics of the first stage of a missile during separation from the second stage	1961
19730064728	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 6: Aerodynamics, configurations, heating, structures, and materials	1961
19730064891	F-1 engine system	1961
19730064892	Candidate materials for Saturn paraglider recovery system	1961
19730064893	The lunar surface rendezvous technique for manned lunar landing and return	1961
19730064919	Postlaunch memorandum report for Mercury-Atlas no. 5 (MA-5)	1961
19730064921	Space programs summary no. 37-12, volume 2 for the period 1 September - 1 November 1961	1961
19730064924	Research and development of materials for Saturn paraglider recovery system	1961
19730064925	Plug-nozzle Program	1961
19730064927	Study of Standardized Spacecraft and Launch Vehicles	1961
19730064948	Aerodynamic Spike Developments	1961
19730065157	Paraglider development program, phase 1 study	1961
19730065159	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 4: On-board propulsion. Book 2: Appendix P-A	1961
19730065516	Mercury: Atlas mission 5 (MA-5 spacecraft 9)	1961
19730065667	Radio interference during launch of AM-19F	1961
19730065787	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 11: Selected studies applicable to project Apollo	1961
19730065788	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 3. Book 2: Trajectories, navigation and guidance	1961
19730065789	Preliminary evaluation of Mercury-Redstone Launch MR-2	1961
19730065791	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 8: Preliminary design	1961
19730065795	A feasibility study of an advanced manned spacecraft and system. Volume 2: System considerations	1961
19730067593	Orbit launch vehicle study	1961
19730069962	Some considerations of nuclear rocket flight testing	1961
19730070994	Comparison of IR Vidicon and sensitive visible light camera tube for application in airborne TV guidance/reconnaissance systems	1961
19730071917	B-52H flight manual and standard aircraft characteristics charts	1961
19730072756	Engineering evaluation of the AN/BLQ-3 (XN-1) and AN/BLQ-6 (XN-1) expendable jammer and echo repeater	1961
19730073374	Mercury-Atlas no. 6 recovery requirements	1961
19730073382	Project Mercury: Calculated preflight abort trajectory data and nominal trajectory display data for Mercury-atlas mission 5 (MA-5) (capsule 9 - Atlas 93-D)	1961
19730073513	Aerodynamic analysis of B-52G trim and mistrim conditions	1961
19730073812	Design analysis of earth-lunar trajectories. Part 1: Launch and transfer characteristics	1961
19730074340	Fluorine hydrogen rocket engine feasibility investigations	1961
19730074342	Solid propellant attitude control system	1961
19730074343	Studies of pilot abort from Saturn C-2 trajectories	1961
19730074344	Solid propellant attitude control system	1961
19730074348	A design study of controllable thrust liquid rocket engines	1961
19730074349	Study pressurization systems for liquid propellant rocket engines	1961
19730074353	Unmanned lunar landing with Saturn S-5 stage, tables 1 and 2	1961
19730074561	Apollo mid-program contract report	1961
19730074562	Solid propellant attitude control system	1961
19730074563	Thirty-kilowatt plasma jet rocket engine development	1961
19730074564	Informal monthly progress report, 1-31 May 1961	1961
19730074566	Solid propellant attitude control system	1961
19730074567	A design study of controllable thrust liquid rocket engines	1961
19730074576	Design study of a large unconventional liquid propellant rocket engine and vehicle	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074577	Design study of a large unconventional	1961
19730074578	Design Study of a Large Unconventional Liquid Propellant Rocket Engine and Vehicle	1961
19730074579	Design study of a large unconventional liquid propellant rocket engine and vehicle	1961
19730074580	Apollo systems study: Mid-term review	1961
19730074583	Very large solid propellant rockets for space vehicles, volume 2	1961
19730074585	Orbital operations preliminary project development plan	1961
19730074586	Copies of slides to be presented at NASA-Industry Apollo Technical Conference	1961
19730074606	Saturn technical information handbook, volume 1	1961
19730076531	H-1 R and D program for fiscal years 1962, 1963, and 1964	1961
19730077110	Proposed standards for instrumentation for space radiation dose measurement	1961
19730077111	Preliminary estimates of the corpuscular radiation environment for earth orbital and lunar missions	1961
19730077112	Proposed standards and criteria for the exposure of man to space radiations	1961
19730077115	A compilation of worldwide tracking and communication facilities offering possibilities for use in Project Apollo	1961
19730077630	Some considerations toward the selection of an auxiliary power supply for Apollo	1961
19730077718	The plug nozzle engine	1961
19730078072	F-1 engine system	1961
19730078091	F-1 engine system	1961
19740072312	Aerodynamic Heating - Apollo Final Report	1961
19740072339	Nuclear Rocket Safety Study	1961
19740072395	A Transient Pressure Measurement System for Blast Effect Research	1961
19740072452	Project Apollo data book, volume 3	1961
19740072482	Apollo. Structures and materials. Volume 2: Thermal protection system	1961
19740072487	Apollo. Structures and materials, volume 1	1961
19740072495	System and operation	1961
19740072496	Life sciences 5: Summary	1961
19740072497	Apollo. Program management	1961
19740072519	Some interrelationships and long range implications of C-3 lunar rendezvous and solid Nova vehicle concepts	1961
19740072520	Firing site weight report. Part 3: Mercury Redstone MR-BD firing test report	1961
19740072606	Preliminary evaluation of Mercury-Redstone launch MR-BD	1961
19740072613	Mercury-Redstone MR-3 firing test report. Part 2a: Consolidated instrumentation plan	1961
19740072614	Mercury-Redstone MR-1A firing test report. Part 3: Firing site weight report	1961
19740072615	Mercury-Redstone MR-2 firing test report. Part 2b: Instrumentation operation analysis	1961
19740072627	Instrumentation and communications	1961
19740072844	Solid propellant combustion instability: Experiments with star grains	1961
19740072877	Consolidated instrumentation plan. Part IIA: Firing test report, Mercury-Redstone MR-4, booster no. 6, capsule no. 11	1961
19740073018	A feasibility study of an advanced manned spacecraft and system. Volume 4: On-board propulsion. Book 1: Text and Appendix P-C	1961
19740073032	Apollo guidance and controls, 3	1961
19740073041	Actual trajectory of Mercury-Redstone flight test MR-BD	1961
19740073075	Memorandum on Mercury-Redstone Booster Development flight (MR-BD)	1961
19740073127	Space programs summary no. 37-9, volume 2, 1 March - 1 May 1961	1961
19740073128	Actual trajectory of Mercury-Redstone flight test MR-4	1961
19740073152	Instrumentation operations analysis. Part 2B: Mercury-Redstone MR-4	1961
19740073162	Project Apollo: A feasibility study of an advanced manned spacecraft system. Volume 5, book 2: Human factors	1961
19740073163	Apollo: Life sciences 4	1961
19740073167	Mariner R (missions P-37/P-38) project development plan	1961
19740073185	Firing test report, Mercury Redstone Mr-3. Part 3: Firing site weight report	1961
19740073193	Mechanical systems 2	1961
19740073412	Life sciences 2: Physiological, psychological and training considerations of the apollo crew	1961
19740073503	Index and test results. Part 1: Firing test report Mercury-Redstone vehicle MR-1A	1961
19740073504	Preliminary evaluation of Mercury-Redstone launch MR-1A	1961
19740073505	Index and test results. Part 1: Firing test report; Mercury-Redstone vehicle MR-BD	1961
19740073506	Index and test results. Part 1: Firing test report, Mercury-Redstone vehicle MR-4	1961
19740073507	Index and test results. Part 1: Firing test report, Mercury-Redstone vehicle MR-3	1961
19740073508	Preliminary Evaluation of Mercury-Redstone Launch MR-3	1961
19740073509	Index and test results. Part 1: Firing test report, Mercury-Redstone vehicle MR-2	1961
19740073558	NASA engineering analysis report subsystem C and C for vehicle 6001	1961
19740073594	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 7: Mechanical and electrical systems	1961
19740073595	Project Apollo. Volume 2: Data book	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740073596	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 5, book 1: Human factors	1961
19740073597	Apollo: Test program	1961
19740073598	Apollo: Guidance and control system 2	1961
19740073599	Apollo: Guidance and control system	1961
19740073600	Apollo: Aerodynamics	1961
19740073601	Apollo: Mechanical systems 1	1961
19740073602	Apollo: Life sciences 3	1961
19740073603	Apollo: Fabrication and quality assurance	1961
19740073610	Mercury capsule no. 14, configuration specification (Mercury-Little Joe No. 5(A))	1961
19740073621	Project Apollo: Volume 1: Data book	1961
19740073690	Actual trajectory of mercury-redstone flight test MR-1A	1961
19740073704	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 3, book 1: Trajectories, navigation and guidance	1961
19740073705	Space programs summary no. 37-8, volume 2, for the period 15 January - 1 March 1961	1961
19740073707	Mercury capsule no. 10 configuration specification (Mercury-ground test)	1961
19740073709	Firing test report, Mercury-Redstone MR-1A. Part 2b: Instrumentation operation analysis	1961
19740073712	Reliability review of Apollo ground test programs	1961
19740073751	Study of orbital launch operations	1961
19740073793	Apollo. Volume 5: Implementation plan. Book 2: Reliability	1961
19740073796	Life sciences 1: The functions and contributions of man in the Apollo system	1961
19740073798	Apollo. Volume 5: Implementation plan. Book 4: Manufacturing plan	1961
19740073799	Apollo. Volume 5: Implementation plan. Book 1: Systems analysis, schedules and costs	1961
19740073801	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 9: Apollo program implementation plan	1961
19740074167	Saturn D preliminary design study. Volume 3: Appendices A through E	1961
19740074226	Experimental static longitudinal stability and drag characteristics of Saturn configuration SA-7	1961
19740074324	Consolidated instrumentation plan. Part 2A: Mercury-Redstone MR-BD	1961
19740074327	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 10: Cost information	1961
19740074482	Firing site weight report. Part 3: Mercury Redstone MR-1	1961
19740074501	Development and testing of superior nozzle materials	1961
19740074561	Actual trajectory of Mercury-Redstone flight test MR-2	1961
19740074563	Preliminary evaluation of Mercury-Redstone launch MR-4	1961
19740074734	Saturn SA-1 flight evaluation	1961
19740074774	TIROS 1 meteorological satellite system, volume 4	1961
19740074777	Nuclear test stage (RIFT program). Appendix G: Safety study	1961
19740074790	RIFT. Volume 5: Nuclear safety	1961
19740074802	Reactor in-flight test system. Volume 1: RIFT program summary	1961
19740075027	The International Meteorological Satellite Workshop: Agenda for IMSW; background technical information	1961
19740075057	Project Mercury: Mercury-Redstone mission no. 2 (capsule no. 5)	1961
19740075401	Ground instrumentation study	1961
19740075402	Apollo: Preliminary specifications	1961
19740075403	Apollo. Support: Ground checkout and handling, communications and tracking, logistics and training	1961
19740075412	Research summary no. 36-7, volume 3, for the period 1 December 1960 - 1 February 1961	1961
19740075414	Research summary no. 36-6, volume 3 for the period 1 October - 1 December 1960	1961
19740075486	The International Meteorological Satellite Workshop: Tentative program and background technical information	1961
19740075518	Postlaunch report for Mercury-Atlas no. 2 (MA-2)	1961
19740075607	Supporting design analysis, volume 3: Environmental control and life support, book 8	1961
19740075628	Propulsion Requirements for Space Missions, Volume 3	1961
19740075768	Lunar surface assembly techniques: A preliminary study of refueling for the lunar surface rendezvous	1961
19740075873	The International Meteorological Satellite Workshop: Reprints of reference papers	1961
19740075903	J-2 rocket engine design information	1961
19740075929	Nuclear test stage (RIFT program). Appendix L: Reliability program	1961
19740075935	Mercury capsule number 2 configuration specification (Mercury-Redstone no. 1)	1961
19740075936	Mercury capsule number 9 configuration specification, Mercury Atlas no. 4	1961
19740075943	Space programs summary no. 37-11, volume 11, for the period 1 July - 1 September 1961	1961
19740075957	Propulsion requirements for space missions, volume 1	1961
19740076038	Instrumentation operation analysis. Part 2B: Firing test report, Mercury-Redstone MR-BD	1961
19740076039	Project Mercury: Summary of MA-4 computing and data flow results	1961
19740076040	Specification for the Agena-B/Nimbus Vehicle (NASA Program)	1961
19740076047	Space programs summary no. 37-7, for the period 15 November 1960 - 15 January 1961	1961
19740076058	A Study of Large Launch Vehicle Systems for a Manned Lunar Landing Program	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740076078	Consolidated instrumentation plan. Part 2A: Firing test report, Mercury-Redstone MR-2, Mercury Redstone Booster no. 2, capsule no. 5	1961
19740076084	Atlantic Missile Range Test Activity Report, August 1961	1961
19740076117	Project Mercury: Mercury-Atlas mission 3	1961
19740076118	Project Mercury: Mercury-Redstone mission 4 (capsule 11)	1961
19740076239	Mercury-Redstone MR-3 Firing Test Report. Part 2B: Instrumentation Operation Analysis	1961
19740076374	Project Mercury: Little Joe 5B (capsule no. 14)	1961
19740076412	Nuclear test stage (rift program). Appendix K: Aerospace ground equipment	1961
19740076459	Results of 2.3 Percent Scale Dyna-Soar Stage 1/Stage 2 Static Staging Wind Tunnel Test, Volume 3	1961
19740076470	Project Mercury	1961
19740076527	Project Mercury familiarization manual: NASA manned satellite capsule	1961
19740076641	Project Mercury: Technical information summary of Mercury-Atlas mission 5/9 (capsule no. 9)	1961
19740076683	A solid-propellant nova injection vehicle system	1961
19740076914	Analysis of Aerodynamic Characteristics of the.03 Scale XB-70 Airframe Model 5 at Mach Numbers of.23 to 3.5 in the Ames 8 by 7, Supersonic Wind Tunnel, North American Low-Speed Wind Tunnel, North American Trisonic Wind Tunnel and Cornell 8-Foot Transonic Wind Tunnel	1961
19740076948	Wind Tunnel Tests of an 0.03-Scale XB-70 Ducted Force Model 5 to Determine the Effect of Yaw Angle on the Stability Characteristics at Supersonic Mach Numbers	1961
19740077029	Dyna Soar Step-1: Final Booster Systems Configuration Titan 2	1961
19740077062	Booster/Glider Interface Design Criteria for Dyna-Soar Step 1 Booster: Martin Drawing 388-1000010	1961
19740077093	Estimated Weight and Balance Report Model Dyna-Soar 1	1961
19740077153	DYNA-SOAR Pitch Fin Flutter Parametric Study with Intermediate Root Fixity Survey	1961
19740078322	Tiros 1 meteorological satellite system, volume 1	1961
19740078323	Tiros 1 Meteorological Satellite System, Volume 2	1961
19740078325	Tiros 2 radiation data users' manual	1961
19740078339	Arc jet application study	1961
19740078533	Tiros 1 meteorological satellite system, volume 3	1961
19740078581	The Tiros 1 Meteorological Satellite System	1961
19740078939	Tiros 2 meteorological satellite system, volume 1	1961
19740078940	Tiros 2 meteorological satellite system, volume 2	1961
19740080440	A study of range operations. Part 2: Analysis of range scheduling	1961
19740081610	Guidance and Navigation for Project Apollo	1961
19740081611	Firing instruction memorandum	1961
19740081612	Firing instruction memorandum	1961
19740081704	Aerodynamic Characteristics of the Pershing Missile During Separation of Its Three Stages	1961
19740081859	The effect of fluctuations in atmospheric density upon the discrimination problem: A Preliminary approach	1961
19740083291	Tracking and data systems	1961
19740083688	Feasibility program for conical segmented rocket motors. Volume 1: Technical discussion	1961
19740083689	Microwave driven magnetic plasma accelerator, cyclops	1961
19740083691	Preliminary feasibility study for the Saturn-Dyna Soar vehicle	1961
19740083911	Feasibility program for conical segmented rocket motors. Volume 2: Appendices A, B, C, D, and E	1961
19740084172	Completion of design, construction and throbleshooting of new mounting for the large polarimeter antenna	1961
19740084180	Failure warning system for large solid rockets	1961
19740084631	Saturn D preliminary design study . Volume 2: Sections 4 through 7	1961
19740084683	Rift program	1961
19740085505	Jupiter Summary Report	1961
19740085515	Data report - AEDC-B-BAC-14. Six component force test on model AD-4901-1	1961
19740085517	Spherical high energy solid propellant rocket motor	1961
19740085523	J-2 program	1961
19740085525	A survey and evaluation of high energy liquid chemical propellant systems	1961
19740086709	Tactical meteorological satellite system	1961
19740086722	An operational weather satellite system	1961
19740087669	Terrain avoidance	1961
19750064426	Consolidated instrumentation plan. Part 2A: Juno 2 AM19F	1961
19750064427	Firing site weight report. Part 3: Mercury Redstone MR-4	1961
19750064550	Provisional thermodynamic functions for para-hydrogen	1961
19750064554	Project Mercury	1961
19750064557	Apollo: Configuration	1961
19750064558	Project Mercury: Technical information summary of Little Joe 5A capsule no. 14	1961
19750064560	Apollo: Trajectory analysis	1961
19750064563	Research summary no. 36-9, volume 2 for the period 1 April - 1 June 1961	1961
19750064567	Mercury-Atlas mission 6 (MA-6 spacecraft 13)	1961
19750065092	Apollo mid-term progress report	1961
19750065093	Error analysis-transearch guidance system	1961
19750065099	Apollo 3-D Layouts	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750065100	Landing System Studies	1961
19750065543	Project Mercury: Technical information summary of Mercury-Redstone mission no. 3, capsule no. 7	1961
19750065545	Apollo: Onboard propulsion	1961
19750065546	Apollo: Space environment factors: Evaluation of the radiation and meteorite environment and development of safety procedures	1961
19750065548	Ranger: Range safety analysis and trajectory report, flights RA-1 and RA-2	1961
19750065550	Apollo: Business plan	1961
19750065784	Research summary no. 36-10, volume 2, 1 June - 1 Aug. 1961	1961
19750066692	Forced transverse vibrations of a solid, elastic core case-bonded to an infinitely-long, rigid cylinder	1961
19750067654	Delta 5 flight flash report T plus 8 hours	1961
19750067694	Mission plan TIROS 4	1961
19750067696	Operational procedures for power supply monitoring for the TIROS 3 meteorological satellite	1961
19750067698	Alignment and calibration data for the Tiros 3 meteorological satellite	1961
19750067700	Alignment and calibration data for the Tiros 2 meteorological satellite	1961
19750067702	Operational procedures for telemetry data processing for the TIROS 3 meteorological satellite	1961
19750067708	NASA-GFSC (A-3) television infra-red observational satellite opplan 4-61, addendum 1	1961
19750067719	TIROS 3 meteorological satellite, prelaunch calculation of programs for optimum orientation of the spin axis	1961
19750067725	Brightness calibration of the TV cameras of the TIROS meteorological satellites	1961
19750067862	Tiros 4 meteorological satellite system, instruction and operating handbook	1961
19750067863	Operations plan 4-61 (A-3) Television Infra-Red Observational Satellite	1961
19750067866	Mission plan Tiros 3	1961
19750067867	Tiros 5 operations plan 4-62, addendum 1	1961
19750067875	Instruction and operating handbook on Tiros 3 meteorological satellite system	1961
19750069068	Apollo. Volume 3: Supporting design analysis. Book 9: Human factors	1961
19750069144	Memorandum on Mercury-Redstone booster problems	1961
19750069193	NASA SpaceConn operations opplan 7-60 TIROS 2 (S-38) satellite	1961
19750069198	Development of the NERVA nuclear rocket engine and associated tasks. Volume 1: Technical discussion and program plan	1961
19750069357	Detailed Test Objectives for NASA Mission MA-6	1961
19750069358	Aero-space plane	1961
19750069360	Project Mercury: Mercury-Atlas mission no. 4/8A (capsule 8A)	1961
19750069372	Thor/Agna B system, performance dispersions. NASA Nimbus mission	1961
19750069373	Apollo life sciences, volume 2	1961
19750069377	Analysis of a lunar surface rendezvous mission	1961
19750069417	Saturn technical information handbook, volume 2	1961
19750069434	Postlaunch report for Mercury-Redstone no. 2(MB-2)	1961
19750069566	RIFT: Reactor In Flight Test. Volume 2: Test program	1961
19750069567	RIFT: Reactor in Flight Test. Volume 3: Facilities and equipment	1961
19750069845	Apollo lunar landing ground instrumentation study	1961
19750071427	Fluorine hydrogen rocket engine feasibility investigations	1961
19750073251	Very large solid propellant rockets for space vehicles rockets	1961
19750073261	Space engine study	1961
19750073263	Orbital operations preliminary project development plan	1961
19750073264	Design studies of very large solid fuel rockets	1961
19750073410	Silvercel battery behavior under high pressure	1961
19750073853	Design study of a large unconventional liquid propellant rocket engine and vehicle	1961
19750073933	A study in plasma cyclotron radiation theoretical analysis	1961
19750075347	A simulation program for Sidewinder 1 and 1-A trajectories	1961
19760065847	Radiation heat transfer through scattering and absorbing nonisothermal layers	1961
19760065928	RIFT Reactor In Flight Test. Volume 4: Manufacturing transportation schedules and costs	1961
19760068523	Dyna Soar Step 1. Booster Instrumentation System Configuration Design Study	1961
19760068567	Minutes of third meeting of NERVA technical committee at Las Vegas and NTS, Nevada	1961
19760068616	Destruct subsystem for NERVA engine	1961
19760068675	Some preliminary results of the Saturn base heating program	1961
19760068690	NASA Electric Rocket Test Facilities	1961
19760069287	Materials selection for task 13 hot-bleed radiation-cooled skirt application, NERVA	1961
19760069400	Experiments on, and analyses of, the dynamics of a topping turbine cycle for application to nuclear rocket engines, 15 May 1959 - 15 June 1960	1961
19760069717	NERVA program nuclear subsystem	1961
19760069718	NERVA nuclear subsystem, phase 1	1961
19760069719	NERVA program nuclear subsystem, phase 1	1961
19760069761	NERVA nuclear subsystem, phase 1	1961
19760069766	Informal monthly progress letter no. 6 to AEC-NASA Space Nuclear Propulsion Office for project NERVA	1961
19760069812	Development of a nuclear rocket engine. Volume 5: Related experience and key personnel	1961
19760071825	Reactor-In-Flight Test systems study (RIFT)	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760072307	Project NERVA	1961
19760072308	Project NERVA	1961
19760072309	Project NERVA	1961
19760072726	Monthly progress report for October 1961	1961
19760073169	AEC-NASA Nuclear Propulsion Office informal monthly progress letter no. 5, 1-30 November 1961. Project NERVA	1961
19760079974	Atlas boosted space systems	1961
19760080634	RADC Trinidad test site. Volume 2: Missile orientation study and investigation	1961
19760081161	Results of 2.3% Scale Dyna-Soar Stage 1/Stage 2 Static Staging Wind Tunnel Test, Volume 1	1961
19760084100	Water-moderated nuclear rockets	1961
19770068965	Informal monthly progress letter to AEC-NASA Nuclear Propulsion Office for Project NERVA, 1-31 August 1961	1961
19770073437	Rendezvous problems	1961
19770073620	On the vibrations of hexagonal plates	1961
19770074860	Compactification and duality of topological groups	1961
19770075600	JPL Bibliography No. 39-3, 1-30 September 1961	1961
19770080246	Method of separation of variables for the Navier-Stokes equation	1961
19770080560	On optimum binary signal-sets for certain scatter-multipath models	1961
19770082064	Proceedings of Western Regional Strain Gage Committee	1961
19770085621	Cost comparison of large chemical and nuclear boosters	1961
19770089158	Liquid behavior in a zero-G field	1961
19770093538	Evaluation testing of protective coatings on refractory metals	1961
19770095165	After-action report, helicopter armament requirements experiment	1961
19780070033	Manned lunar-landing through use of lunar-orbit rendezvous, volume 1	1961
19780070047	The influence of the environment on Apollo design from the radar communication viewpoint	1961
19780070066	Manned lunar-landing through use of lunar-orbit rendezvous, volume 2	1961
19780070285	NASA System Design and Research	1961
19780070286	NASA System Design and Research	1961
19780071276	Launch Vehicle Handbook	1961
19780072061	Space Programs Summary No. 37-10. Volume 2: For the period 1 May - 1 July 1961	1961
19780072063	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 1: Summary and conclusions	1961
19780072071	Quarterly summary report, 1 April - 30 June 1961	1961
19780072911	Apollo. Volume 3: Supporting design analyses. Book 7: Aerospace medicine and radiation	1961
19780073152	NASA high speed re-entry program Agena payload velocity capability	1961
19780075917	Research study to determine propulsion requirements and systems for space missions, volume 4B, appendix E	1961
19780081425	Metallurgical effects of explosive strain rates on metal alloys	1961
19780081793	Spin-tumble transfer of satellite S-15 (Explorer 11)	1961
19780082145	Preliminary design criteria. Shillelagh HU1-B weapon system	1961
19780082631	Analysis of helicopter antitank weapon systems	1961
19780085168	Acceleration of Dyna Soar Program	1961
19780085469	An aerodynamic design study of a subsonic jet controlled anti-tank missile. Part 1: The derivation of the equations of motion	1961
19790076697	Project Apollo technical liaison group meetings, selected excerpts	1961
19790076743	Evaluation of the JPL proposal for a large four stage solid rocket Nova vehicle for manned lunar landing, volume ii technical addendum	1961
19790076752	Surveyor spacecraft development plan	1961
19790076756	Mariner R spacecraft for mission P-37/P-38	1961
19790076768	Project Apollo - A description of a Saturn C-3 and Nova vehicle	1961
19790076815	Project Apollo spacecraft development statement of work. Part 3 - Technical approach	1961
19790076837	Project Apollo spacecraft development statement of work. Part 1 - Project Scope	1961
19790076966	Apollo, volume 4 - Growth and advanced concepts Final report	1961
19790077013	Project Apollo guidance and navigation program Monthly technical progress report, 13 Sep. - 4 Oct. 1961	1961
19790077164	Apollo display and control subsystem	1961
19790077177	Progress report Atlas Booster program for NASA Project Mercury, 1-31 August 1961	1961
19790077179	Project Apollo spacecraft development statement of work. Part 4 - Program management	1961
19790077225	Project Apollo - Spacecraft development statement of work, phase A	1961
19790079219	Wallops Station handbook. Volume 3: Range users information	1961
19790079963	Aeronautics and astronautics: An American chronology of science and technology in the exploration of space, 1915-1960	1961
19790080100	Supersonic combustion ramjet presentation to wadd	1961
19790084797	Oak Ridge National Laboratory fast burst reactor: Critical experiments and calculations	1961
19800071704	First pulsed radio soundings of the topside of the ionosphere	1961
19800074533	Weapon System 107A-2: Mark 4 Operational Re-Entry Vehicle Titan/Atlas	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810068946	General Theory of Multistage Rockets and Performance Theory of an N-Stage Satellite Carrier with a Specific Turning Program	1961
19810069918	Joint Technical Conference on Slush Drag and Braking Problems	1961
19820065104	Determination of the emissivity of materials	1961
19830085256	Evaluation of range-wind measuring techniques	1961
19840072008	Exploring space: Project Mercury	1961
19860066339	Effect of nuclear radiation on materials at cryogenic temperatures. Experiment design manual and hazards analysis for NASA	1961
19870067146	Project Apollo Guidance and Navigation Program	1961
19870067147	Project Apollo guidance and navigation program	1961
19880069069	The atom model of the photron theory	1961
19890068635	Radio transmission through the plasma sheath around a lifting reentry vehicle	1961
19900067351	On the problem of neon	1961
19900067354	Studies in cosmic hydromagnetics: An outline of research projects	1961
19900068732	Wind tunnel tests of thermal insulation protection system for Mach 3.0 to 4.4 flight vehicles	1961
19910072615	Problems and accomplishments of space science	1961
19910072620	On gravitational instability	1961
19910077730	Supplement to a graphical approach to vacuum engineering	1961
19940004996	Missile Optical Window Study, Volume 2	1961
19960024085	Effects of Weathering on the Mechanical Properties of Four Reinforced Plastic Laminates	1961
19980223078	The Effect of Repeated Stressing on the Behavior of Lithium Fluoride Crystals	1961
19980223079	Trajectory Control for Vehicles Entering The Earth's Atmosphere at Small Flight-Path Angles	1961
19980223592	An Investigation of the Effect of High Temperature on the Schumann-Runge Ultraviolet Absorption Continuum of Oxygen	1961
19980223595	Fast Interplanetary Missions with Low-Thrust Propulsion Systems	1961
19980223596	Shielding of Partially Reflecting Stagnation Surfaces Against Radiation by Transpiration of an Absorbing Gas	1961
19980223598	Hot-Wire Calorimetry: Theory and Application to Ion Rocket Research	1961
19980223599	Theory of the Secular Variations in the Orbit of a Satellite of an Oblate Planet	1961
19980223604	Similarity of Near Noise Fields of Subsonic Jets	1961
19980223610	Flow in the Base Region of Axisymmetric and Two-Dimensional Configurations	1961
19980223944	A Theoretical Study of the Angular Motions of Spinning Bodies in Space	1961
19980227281	Theoretical Pressure Distributions on Wings of Finite Span at Zero Incidence for Mach Numbers Near 1	1961
19980227286	Tests of an Asymmetrical Baffle for Fuel-Sloshing Suppression	1961
19980227411	Approximate Temperature Distributions and Streamwise Heat Conduction Effects in the Transient Aerodynamic Heating of Thin-Skinned Bodies	1961
19980227765	Project Echo: The Dual Channel 2390-Mc Traveling-Wave Maser	1961
19980227987	Turbulent Skin Friction at High Mach Numbers and Reynolds Numbers in Air and Helium	1961
19980228124	Unsteady Motion of a Wing of Finite Span in a Compressible Medium	1961
19980228125	Geophysical Research With the Aid of Rockets and Artificial Satellites	1961
19980228149	Experimental Determination of Potassium Vapor Pressure in the 550 to 1280 C Temperature Range	1961
19980228150	Model Experiments on Atomization of Liquids	1961
19980228151	The Sintered Copper Powder	1961
19980228153	Effect of Periodic Oscillations of Velocity and Density of a Medium on Disintegration of Liquid Jets	1961
19980228278	Radar Observations of Meteors According to the International Geophysical Year Program	1961
19980228279	Response of a Helicopter Rotor to an Increase in Collective Pitch for the Case of Vertical Flight	1961
19980228280	Solar Radio Phenomena and their Physical Interpretation	1961
19980228281	Mechanism of the Oxidation of Nickel and Chromium Alloys	1961
19980228282	Variations of Cosmic Ray Intensity	1961
19980228449	Theoretical and Experimental Investigation of Supercavitating Hydrofoils Operating Near the Free Water Surface	1961
19980228463	The Laminar Boundary Layer at Hypersonic Speeds	1961
19980230612	On the Calculation of Steady Boundary Layers for Continuous Suction, With Discontinuously Variable Suction Velocity	1961
19980230633	Aerodynamic Effects of Meteorites: A Specific Case	1961
19980230634	Magnesium and Calcium Ions in the Earth's Upper Atmosphere	1961
19980231023	Theory and Apparatus for Measurement of Emissivity for Radiative Cooling of Hypersonic Aircraft with Data for Inconel X, Stainless Steel 303, and Titanium Alloy RS-120	1961
19980231032	Communication Concerning Scientific Works in the Field of Geomagnetism and Aeronomy During 1957-1959	1961
19980232018	The Effect of the Behavior of the Load on the Frequency of the Free Vibrations of a Ring	1961
19980232020	Optical Observation of Artificial Earth Satellites	1961
19980232088	"Similar" Three-Dimensional Boundary Layers	1961
19980232227	Control of Gas-Turbine and Ramjet Engines	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19980232907	Alignment Charts for Transport Properties Viscosity, Thermal Conductivity, and Diffusion Coefficients for Nonpolar Gases and Gas Mixtures at Low Density	1961
19980236451	Transonic Wind Tunnel Tests of an Error Compensated Static Pressure Probe	1961
19990008069	Magnetic and Ionospheric Disturbances: Collected Articles Pertaining to Sections 3 and 5 of the IGY Program (Geomagnetism and Earth Currents, Ionosphere)	1961
19990040687	Far-Field Noise Characteristics of Saturn Static Tests	1961
19990052869	Tables of Airspeed, Altitude, and Mach Number Based on Latest International Values for Atmospheric Properties and Physical Constants	1961
20000021024	Rotational Magnetodynamics and Steering of Space Vehicles	1961
20000021163	Structural-Loads Surveys on Two Tilt-Wing VTOL Configurations	1961
20000021164	Handling Qualities Experience With Several VTOL Research Aircraft	1961
20000021241	Effect of Shock Impingement on the Distribution of Heat-Transfer Coefficients on a Right Circular Cylinder at Mach Numbers of 2.65, 3.51, and 4.44	1961
20000036514	Surface Pressure Distributions with a Sonic Jet Normal to Adjacent Flat Surfaces at Mach 2.92 to 6.4	1961
20000039425	An Experimental Investigation of the Damping of Liquid Oscillations in Cylindrical Tanks with Various Baffles	1961
20000092428	Power Input to a Small Flat Plate From a Diffusely Radiating Sphere, with Application to Earth Satellites	1961
20000102176	Maneuver Load Data From C-130 Aircraft	1961
20020008512	European Scientific Notes, No. 15-12, 15 Dec 1961	1961
20020012631	Corrosion Control for Aircraft	1961
20020018551	High Temperature Materials Development	1961
20020022406	Research and Development on Advanced Graphite Materials	1961
20020022612	Titanium Fabrication Experience and Capabilities	1961
20020022770	Thermal Conductivity Methods	1961
20020030438	Development of Procedures for Submerged-Arc Welding Hy-80 Steel	1961
20020047026	Development of Optimum Resistance Welding Reliability Through the Study of Welding Parameters	1961
20040003826	Monthly and Annual Wind Distribution as a Function of Altitude for Patrick Air Force Base, Cape Canaveral, Florida	1961
20040003839	Horizon Sensor Performance in Measuring Altitude Above the Moon	1961
20040003876	Empirical Three-Sigma Wind Component Profiles 45-Degree Missile Flight Azimuth Atlantic Missile Range Patrick AFB (Cape Canaveral), Florida	1961
20040003899	A Spectrophotometric Attachment for the Vacuum Ultraviolet	1961
20040003925	The Collision Boundary between the Two Separating Stages of the SA-4 Saturn Vehicle	1961
20040003926	Analysis of Error Progression in Terminal Guidance for Lunar Landing	1961
20040003927	The Effect of Radiation Force on Satellites of Convex Shape	1961
20040003947	Survey of Characteristic Velocity Requirements for Two-Impulse Transfers between Circular and Coplanar Exterior Elliptical Orbit with Exposition of Local and Overall Optimum Solutions	1961
20040003988	Numerically Stable Interpolation Formulas with Favorable Error Propagation for First-and Second-Order Differential Equations	1961
20040004297	A Very Low Frequency (VLF) Synchronizing System	1961
20040004298	Long Range Planning for Space Transportation Systems	1961
20040004326	Automatic Fixed-Camera Orientation Procedures	1961
20040004366	Examination of Pressure Oscillations Induced by Changes in the Burning Rate of Flames	1961
20040004367	Internal-Performance Evaluation of Two Fixed-Divergent-Shroud Ejectors	1961
20040004370	Tables and Charts of the Normal Component of Induced Velocity in the Lateral Plane of a Rotor with Harmonic Azimuthwise Vorticity Distribution	1961
20040005857	Angular Motion of the Spin Axis of the Tiros I Meteorological Satellite due to Magnetic and Gravitational Torques	1961
20040005862	Osculating Elements Derived from the Modified Hansen's Theory for the Motion of an Artificial Satellite	1961
20040005870	Liquid-Hydrogen-Flowmeter Calibration Facility: Preliminary Calibrations on some Head-Type and Turbine-Type Flowmeters	1961
20040005871	Theoretical Investigations of the Ablation of a Glass-Type Heat Protection Shield of Varied Material Properties at the Stagnation Point of a Re-Entering IRBM	1961
20040005872	On the Accuracy of an Elliptical Orbit Determination	1961
20040005879	Effect of Shield Position and Absorptivity on Temperature Distribution of a Body Shielded from Solar Radiation in Space	1961
20040005887	Temporal Changes of Temperature as a Function of Altitude for Patrick Air Force Base, Florida	1961
20040005893	Investigation of a Retrorocket Exhausting from the Nose of a Blunt into a Supersonic Free Stream	1961
20040005903	Surface-Temperature Distribution on Thin-Walled Bodies Subjected To Solar Radiation in Interplanetary Space	1961
20040005914	Reaction of Copper and Fluorine from 800 to 1200 F	1961
20040005917	Effect of Surface Condition on Ductile-to-Brittle Transition Temperature of Tungsten	1961
20040005918	Landing Characteristics and Flotation Properties of a Reentry Capsule	1961
20040005921	The Stiffness Properties of Stressed Fabrics as Obtained from Model Tests	1961
20040006297	Discussions of Solar Proton Events and Manned Space Flight	1961
20040006302	A Sequence Diagram Analysis of The Vanguard Satellite Launching Vehicle	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20040006304	Measurement of Upper-Atmosphere Structure by Means of the Pitot-Static Tube	1961
20040006307	First Planning Conference on Biomedical Experiments in Extraterrestrial Environments	1961
20040006309	Simultaneous Least-Squares Approximation of a Function and its First Integrals with Application to Thermodynamic Data	1961
20040006310	Satellite Magnetic Field Mapping	1961
20040006331	A Reference Atmosphere for Patrick AFB, Florida	1961
20040006334	An Analytical and Experimental Study of the Thermal Boundary Layer and Ebullition Cycle in Nucleate Boiling	1961
20040006339	Analysis of Gravitational and Geometric Aspects of Geodetic Utilization of Satellites	1961
20040006340	Hot-Wire Heat-Loss Characteristics and Anemometry in Subsonic Continuum and Slip Flow	1961
20040006341	Transient Temperature Profiles and Calculated Thermal Strains of Turbojet-Engine Buckets	1961
20040006342	Review of Basic Principles of V/STOL Aerodynamics	1961
20040006344	Theoretical Performance of Propellants Suitable for Electrothermal Jet Engines	1961
20040006345	A Study of Flutter at Low Mass Ratios with Possible Application to Hydrofoils	1961
20040006347	Residual-Load-Plus-Powerplant Weights for Orbital-Launch Nuclear Rockets	1961
20040006348	Transfer of Cryogenic Fluids by an Expulsion-Bag Technique	1961
20040006349	Thermoluminescence of Sodium Chloride Irradiated with 40-MeV Alpha Particles	1961
20040006351	Monte Carlo Studies of Gamma-Ray and Neutron Transport in Infinite Homogeneous Media	1961
20040006354	Relations of Combustion Dead Time to Engine Variables for a 20,000-Pound-Thrust Gaseous-Hydrogen-Liquid-Oxygen Rocket Engine	1961
20040006355	NASA-AEC Liquid-Metals Corrosion Meeting December 7-8, 1960, Washington, D.C.	1961
20040006356	Aerodynamics of a Tilting Ducted Fan Configuration	1961
20040006357	Performance Evaluation of a Two-Dimensional Ion Rocket using Through-Feed and Porous Tungsten Ionizers	1961
20040006358	Internal-Performance Evaluation of a Two-Position Divergent Shroud Ejector	1961
20040006360	The Melting Points of Tantalum Carbide and of Tungsten	1961
20040006365	The Ion-Trap Results in "Exploration of the Upper Atmosphere with the Help of the Third Soviet Sputnik"	1961
20040006373	Electrical Characteristics of Four Ternary Platinum-Rhodium-Base Alloys Containing Chromium, Cobalt, or Ruthenium	1961
20040006376	Regime of Frozen Boundary Layers in Stagnation Region of Blunt Reentry Bodies	1961
20040006380	Investigation of the Static Stability Characteristics of Two Stages of a Three-Stage Missile at a Mach Number of 4.00	1961
20040006381	Lunar Trajectories	1961
20040006451	Artificial Earth Satellites and Successful Solar Probes	1961
20040006459	An Investigation of a Device to Oscillate a Wind-Tunnel Airstream	1961
20040006463	An Analysis of Thermal Radiation Heat Transfer in a Nuclear-Rocket Nozzle	1961
20040006464	Flight Investigation of Some Effects of a Vane-Controlled Gust-Alleviation System on the Wing and Tail Loads of a Transport Airplane	1961
20040006466	An Experimental Investigation of a Flow Modulator Using a Piezoelectric Crystal as the Driving Element	1961
20040006468	Ground Measurements of the Shock-Wave Noise from Supersonic Bomber Airplanes in the Altitude Range from 30,000 to 50,000 Feet	1961
20040006475	Heat Transfer to an Electrically Conducting Fluid Flowing in a Channel with a Transverse Magnetic Field	1961
20040006476	An Investigation of the Influence of Lift on Sonic-Boom Intensity by Means of Wind-Tunnel Measurements of the Pressure Fields of Several Wing-Body Combinations at a Mach Number of 2.01	1961
20040006482	Theoretical Performance of Reverse-Feed Cesium Ion Engines	1961
20040006483	Investigations of Grain-Boundary Stress Concentrations in Silver Chloride	1961
20040006486	Hovering Flight Investigation of Two Methods of Controlling a Man-Carrying Ducted-Fan Vehicle of the Flying-Platform Type	1961
20040006487	Comparative Measurements of Beam Power in Ion-Rocket Research	1961
20040006488	Effect of Impingement Angle on Drop-Size Distribution and Spray Pattern of Two Impinging Water Jets	1961
20040006497	Ground and In-Flight Acoustic and Performance Characteristics of Jet-Aircraft Exhaust Noise Suppressors	1961
20040006504	Investigation at Transonic Speeds of the Loading over a 45 deg Sweptback Wing Having an Aspect Ratio of 3, a Taper Ratio of 0.2, and NACA 65A004 Airfoil Sections	1961
20040006505	Theory and Design Curves for a Yo-Yo De-spin Mechanism for Satellites	1961
20040008063	Analysis of Effective Thermal Conductivities of Honeycomb-Core and Corrugated-Core Sandwich Panels	1961
20040008064	A Preliminary Study of the Use of Finite-Thrust Engines for Abort During Launch of Space Vehicles	1961
20040008072	Investigation of Third Order Contact Control Systems with Zeros in Their Transfer Functions	1961
20040008073	The Javelin Spike Antenna; Radiation Patterns and Voltage Standing-Wave Ratio	1961
20040008074	Broad-Band Ultraviolet Filters	1961
20040008075	The Ionosphere Beacon Satellite, S-45	1961
20040008081	Summary of Rocket and Satellite Observations Related to the Ionosphere	1961
20040008082	Aerodynamic Interaction Effects Ahead of a Sonic Jet Exhausting Perpendicularly from a Flat Plate into a Mach Number 6 Free Stream	1961
20040008084	Local Buckling of Longitudinally Stiffened Curved Plates	1961
20040008092	Survey of Altitude-Measuring Methods for the Vertical Separation of Aircraft	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20040008095	Transmission Device for Reversibility of Rotation with Extremely Fast Action	1961
20040008098	Pressure Measurements on Sharp and Blunt 5 deg- and 15 deg-Half-Angle Cones at Mach Number 3.86 and Angles of Attack to 100 deg	1961
20040008100	An Instrument to Measure the Solar Constant from a Satellite	1961
20040008101	Two-Dimensional Ion Beams with Small Lateral Spreading	1961
20040008102	General Theory of Large Deflections of Thin Shells	1961
20040008103	Radiation Shielding for Manned Space Flight	1961
20040008104	Optimum Nonlinear Control of a Second Order Nonlinear System	1961
20040008106	Experimental Performance of Nozzles Having Area Ratios up to 300 on JP-4 Fuel - Liquid-Oxygen Rocket Engine	1961
20040008107	Experimental Investigation of Stage Separation Aerodynamics	1961
20040008108	Experimental Method of Producing Porous Tungsten for Ion Rocket Engines	1961
20040008109	A Technique for Cryopumping Hydrogen	1961
20040008113	A Preliminary Study of the Acoustic Transmission Loss of Two Fiberglass Nose-Cone Shapes	1961
20040008114	Analytical Performance Characteristics and Outlet Flow Conditions of Constant and Variable Lead Helical Inducers for Cryogenic Pumps	1961
20040008115	Experimental Investigation of Effects of Random Loading on the Fatigue Life of Notched Cantilever-Beam Specimens of SAE 4130 Normalized Steel	1961
20040008120	Preliminary Study of Prediction Aspects of Solar Cosmic Ray Events	1961
20040008122	Analysis of Partly Wrinkled Membranes	1961
20040008126	Seasonal, Latitudinal and Diurnal Variations in the Upper Atmosphere	1961
20040008127	Choosing a Suitable Sweep Rate for Sinusoidal Vibration Testing	1961
20040008129	A Geoid and World Geodetic System Based on a Combination of Gravimetric, Astro-Geodetic, and Satellite Data	1961
20040008131	Experimental Heat Transfer and Pressure Drop of Liquid Hydrogen Flowing through a Heated Tube	1961
20040008132	An Experimental Investigation of the Flow in an Axisymmetric Internal-Compression Inlet for M = 2.75	1961
20040008133	A Thermodynamic Analysis of Thrust Augmentation for Nuclear Rockets	1961
20040008134	Polyester Film Belts	1961
20040008177	Smooth and Sharp-Notch Tensile Properties of Cold-Reduced AISI 301 and 304L Stainless-Steel Sheet at 75 F, -320 F and -423 F	1961
20040008188	Investigation of the Performance of an Axial-Flow-Pump Stage Designed by the Blade-Element Theory: Design and Overall Performance	1961
20040008191	Electric Spark Ignition in Carbon-Vane Fuel Pumps	1961
20040008198	Results from a Rocket-Borne Langmuir Probe Experiment	1961
20040008201	A Digital Recording System for Satellite Tracking Data	1961
20040008202	An Optimization of Powerplant Parameters for Orbital-Launch Nuclear Rockets	1961
20040008203	Critical Conditions for Drop and Jet Shattering	1961
20040008208	Performance of a Low-Thrust Storable-Bipropellant Rocket at very Low Chamber Pressure	1961
20040008214	Eight-Level Pulse-Height Analyzer for Space Physics Applications	1961
20040008218	Stability of Refractory Compounds in Hydrogen between 4500 and 5000 F, and their Compatibility with Tungsten	1961
20040008222	A Cooled-Tube Pyrometer with Experimental Results Obtained in a High-Temperature Gas Stream	1961
20040008223	Gas Flow, Emittance, and Ion Current Capabilities of Porous Tungsten	1961
20040008228	Radial Flux or Field of an Isotropic, Cylindrical Source of Finite Extent	1961
20040008231	Turbulent Skin-Friction and Heat-Transfer Coefficients for an Inclined Flat Plate at High Hypersonic Speeds in Terms of Free-Stream Flow Properties	1961
20040008272	An Absolute Definition of Phase Shift in the Elastic Scattering of a Particle from Compound Systems	1961
20040008338	Physical Significance of the TIROS II Radiation Experiment	1961
20040008339	Effect of Multiple-Nozzle Geometry on Jet-Noise Generation	1961
20040008340	Structure and Design Considerations of the Vanguard SLV-5 Magnetic Field Satellite	1961
20040008341	Contributions of Rockets and Satellites to the World Magnetic Survey	1961
20040016420	Investigation of the Cape Canaveral, Florida Wind Magnitude and Wind Shear Characteristics in the Ten to Fourteen Kilometer Altitude Region	1961
20040016428	Aerodynamic and Hydrodynamic Characteristics of a Model of a 500,000-Pound High-Subsonic Multijet Logistics Transport Seaplane	1961
20040020124	A Flight Investigation of an Automatic Gust-Alleviation System in a Transport Airplane	1961
20040020125	Experimental Study of Effects of Geometric Variables on Performance of Conical Rocket-Engine Exhaust Nozzles	1961
20040030468	Aerodynamics of a Fan-In-Fuselage Model	1961
20040030489	Approximate Analysis of Atmospheric Entry Corridors and Angles	1961
20040030508	Orbital Storage of Liquid Hydrogen	1961
20040047097	Theory of Artificial Stabilization of Missiles and Space Vehicles with Exposition of Four Control Principles	1961
20040047099	Influence of Impurity Elements, Structure, and Prestrain on Tensile Transition Temperature of Chromium	1961
20040047102	A Three-Dimensional Trajectory Simulation using Six Degrees of Freedom with Arbitrary Wind	1961
20040047103	On the Motion of a Satellite in an Asymmetrical Gravitational Field	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20040047106	Charts for Air-Flow Properties in Equilibrium and Frozen Flows in Hypervelocity Nozzles	1961
20040047110	Tensile and Compressive Creep of 6Al-4V Titanium-Alloy Sheet and Methods for Estimating the Minimum Creep Rate	1961
20040047114	Application of Similar Solutions to Calculation of Laminar Heat Transfer on Bodies with Yaw and Large Pressure Gradient in High-Speed Flow	1961
20040047117	Measurements of Aerodynamic Heat Transfer on a 15 deg Cone-Cylinder-Flare Configuration in Free Flight at Mach Numbers up to 4.7	1961
20040047119	Attitude Control Requirements for Hovering Determined through the use of a Piloted Flight Simulator	1961
20040047135	A One-Dimensional Analysis of Magnetohydrodynamic Energy Conversion	1961
20040047148	Aerodynamic Characteristics of Propeller-Driven VTOL Aircraft	1961
20040047149	Interaction of a Charged Satellite with the Ionosphere	1961
20040047151	Induced Interference Effects on Jet and Buried-Fan VTOL Configurations in Transition	1961
20040047152	Ground Interference Effects	1961
20040082136	An Ion Rocket with an Electron-Bombardment Ion Source	1961
20050165713	Large Solid Propellant Boosters	1961
20050192228	Dynamics of Liquid Propellant Vehicles	1961
20050192229	Revised Vibration Analysis of Saturn SA-1	1961
20050192230	Propellant Optimization and Performance Capability of the Saturn C-2	1961
20050192235	Saturn C-3: Control Investigation of Configurations with Different Diameters	1961
20050192236	Actual Trajectory of JUNO II Test Flight AM-19G	1961
20050192237	Saturn C-2 Preliminary Control Study	1961
20050192239	Modification of the Jupiter Six Degrees of Freedom Program to the Saturn Vehicle	1961
20050192240	Economic Considerations of Future Launch Vehicles	1961
20050192241	DOVAP Flight Test Data JUNO II 19G	1961
20050192242	UDOP Flight Test Data Juno II AM-19F	1961
20050192244	UDOP Flight Test Data Juno II 19E	1961
20050192245	DOVAP Flight Test Data Mercury-Redstone BD	1961
20050192247	DOVAP Flight Test Data Missile MR-2	1961
20050192249	Experimental Aerodynamic Characteristics of a Proposed Saturn Dyna Soar Configuration	1961
20050192267	Actual Trajectory for Juno II Test Flight AM-19E	1961
20050192268	DOVAP Flight Test Data Juno II 19E	1961
20050192269	UDOP Flight Test Data Juno II 19G	1961
20050192270	Saturn SA-2 Vehicle Data Book	1961
20050192271	Juno II AM-19G Flight Evaluation of Propulsion Unit and Associated Systems	1961
20050192273	MSFC/JPL Lunar Exploration Coordination Meeting	1961
20050192284	Saturn C-1 (Block II): Performance and Trajectory Shaping on Orbital Mission for Thrust of 90 K on S-IV Stage (U)	1961
20050192353	JUNO II AM-19E Flight Evaluation of Propulsion Unit and Associated Systems (U)	1961
20050192354	Technical Information Summary Concerning Juno II - 19 G	1961
20050194563	Saturn C-4 Preliminary Lift-Off Motion Investigation	1961
20050194564	Saturn C-1 Vehicle SA-1 Test Flight Study of Lift-Off Motion	1961
20050194565	Analysis of Saturn Horizon Sensor Arrangement	1961
20050194729	Acoustics and Thrust of Separate Flow Exhaust Nozzles With Mixing Devices Investigated for High Bypass Ratio Engines	1961
20050194730	Thrust Vectoring by Secondary Injection	1961
20050194731	Provisional Instrumentation Plan Number 1 Centaur C-1 Ballistic Flight	1961
20050194732	Preliminary Evaluation of Jupiter Missile AM-19D Test Flight (Juno II)	1961
20050203750	An Analysis of Redstone Engine Failures on Static Firing at Test Division	1961
20050231585	Long Acting Effect of Hydroxocobalamin	1961
20070002510	Index of NASA Technical Publications with Abstracts	1961
20070015880	The Effect of a New Ganglionic Blocking Agent - Tetramine - On the Body's Response to Insulin	1961
20080036215	Landing-Impact-Dissipation Systems	1961
20080037298	Transonic Aerodynamic Characteristics of a Model of a Single-Engine Four-Jet V/STOL Airplane	1961
20080039629	Juno II Summary Project Report	1961
20090006696	Space Flight Operations January - June 1961	1961
20090007556	The Shielding of Space Vehicles	1961
20090010000	Project Mercury Postlaunch Report for Mercury-Atlas Mission 4 (MA-4 Capsule 8A)	1961
20090010005	Project Mercury Mission Directive for Mercury-Redstone No. 4	1961
20090010006	Project Mercury Preliminary Appraisal of the Project Mercury Acceleration Hazard	1961
20090010026	PostLaunch Report for Mercury-Redstone No. 3	1961
20090011750	A Proposal for Underwater Acoustic Research in the Arctic Ocean	1961
20090034152	Sample Functional Analysis Format, Appendix D	1961
20100038461	Absorption of Electromagnetic Energy by Nose Cones	1961
20100039181	Data Report for the BHST 010 Test of the AD-542I-1 Model	1961
20100040012	Reactor in Flight Test (RIFT)	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20100040266	Saturn D: Preliminary Design Study	1961
20100040268	Saturn D Preliminary Design Study	1961
20100042179	The Mariner Planetary Communication System	1961
20110000002	Data Report, Langley Research Center, 11 Inch Hypersonic Wind Tunnel - Test No.47, Model AD-4931-1	1961
20110001354	The New Frontier of Space	1961
20110008303	Development of Ceramic Fibers for Reinforcement in Composite Materials	1961
20110011308	Guidance and Navigation System Information for Apollo Spacecraft Bidders	1961
20110022665	DYNA-SOAR Base Recirculation Transonic Test Results, 11.6 percent Model	1961
20110023059	Research on a Hypervelocity Neutral Beam Generator. Final Report: Revised	1961
20110023189	GAM-72A: Dynamic Analysis of Flight Control Subsystem	1961
20110024236	F-1 Engine System, Monthly Progress Letter	1961
20110024259	The Exploration of Space	1961
20120002717	Mechanical Analogy of Fluid Oscillations in Cylindrical Tanks with Circular and Annular Cross Section	1961
20120003084	Effect of Manufacturing Procedures on Corrosion Properties of Type 321 Stainless Steel	1961
20130009825	Space Task Group: Liberty Bell 7	1961
20130013884	A Study of Controllable Thrust Liquid Propellant Rocket Engines	1961
20130014008	Jupiter Summary Report	1961
20130014019	Jupiter Summary Report	1961
20130014021	Jupiter Summary Report	1961
20130014098	Program Review: Tracking and Data Acquisition	1961
20130014218	A Survey and Evaluation of High Energy Liquid Chemical Propellant Systems	1961
20130014219	Consolidated Instrumentation Plan. Part IIa of the Firing Test Report: JUNO II AM-19E	1961
20130014600	Delta Semi-Annual Technical Progress Report, Model Number DM-1	1961
20130014647	Project Mercury	1961
20130014651	Project Mercury	1961
20130014680	Range Safety Probability Study for the Delta S-16 Payload Mission Model No. DM-19	1961
20130014685	Jupiter Summary Report	1961
20130014745	Research and Development Covering Techniques for Fabrication of Solar Concentrators	1961
20130014764	Study of Pressurization Systems for Liquid Propellant Rocket Engines	1961
20130014867	Development of a Plasmajet Rocket Engine for Attitude Control	1961
20140000052	Project Mercury	1961
20140000061	Properties of Flat Nickel-Chromium Film Resistors	1961
20140000129	Project Mercury	1961
20140000164	Development of a Plasmajet Rocket Engine for Attitude Control	1961
20140000168	Development of a Plasmajet Rocket Engine for Attitude Control	1961
20140000169	Development of a Plasmajet Rocket Engine for Attitude Control	1961
20140000170	Development of a Plasmajet Rocket Engine for Attitude Control	1961
20140000218	Supersonic and Hypersonic Aerodynamics	1961
20140000270	Theoretical Study of the Geophysical Aspects of Hydromagnetic Waves	1961
20140000273	Application of a Blowdown Wind Tunnel for Large Scale Acoustic Environmental Testing	1961
20140000286	Gas-Floated Spinning Spheres	1961
20140003307	Chamfering Machine	1961
20140005612	A Rapid-Response Black-Body Cavity Radiometer	1961
20150010517	The Operations Problem of Sterilization	1961
20150010632	Sterilization by Ethylene Oxide	1961
20150010642	Meteoritic Hydrocarbons and Extraterrestrial Life	1961
20150010659	Sterilization Space Probe Components	1961
20150012623	Updated Trajectory Information to Replace and Supplement that Given in NASA Project Mercury Working Paper Number 204	1961
20150012794	Evaluation of Aero-Space Plane	1961
20150012796	Project Mercury - Postlaunch Trajectory Report for Mercury-Redstone Mission 3	1961
20150012805	Progress Letter on F-1 Engine System	1961
20150012819	Mercury Capsule Number 13: Configuration Specification (Mercury - Atlas Number 7)	1961
20150012838	Jupiter Summary Report	1961
20150012849	Mercury Capsule Number 18 Configuration Specification (Mercury - Atlas Number 7)	1961
20150012850	Mercury Capsule Number 12 Configuration Specification (Mercury Atlas Number 6)	1961
20150012851	Mercury Capsule Number 15 Configuration Specification (Mercury - Redstone Number 5)	1961
20150012909	Development of a Plasmajet Rocket Engine for Attitude Control	1961
20150012974	Delta Semi-Annual Technical Progress Report - Model Number DM-19	1961
20150013077	Consolidated Instrumentation Plan Part IIa of the Firing Test Report Juno II Vehicle AM-19G	1961
20150013594	Proceeding of the Fourth Meeting JANAF-ARPA-NASA Thermochemical Panel	1961
20150013773	Electrical Contacts in Vacuum A. Brushes-Status Report Number 1	1961
20150013781	Interim Report on Atlas Boosted Space Systems	1961
20150013783	Firing Test Report - Juno 2 Vehicle AM-19F: Firing Site Weight Report Part III	1961
20150013784	Development of a Plasmajet Rocket Engine for Attitude Control	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013794	Monthly Progress Report - Contract NAS 5-1156	1961
20150013803	Preliminary Trajectory Optimization of the Saturn C-2	1961
20150013843	An Inertial Simulator with a Type of Automatic Damping Control Suitable for a Rotating Manned Space Station	1961
20150013854	Performance Characteristics of Variable Power Feedback Telemetry Systems	1961
20150013855	Vehicle System Integration Requirements and Restraints for the S-27 Spacecraft	1961
20150013856	Master Operational Schedule Part IV of the Firing Test Report Mercury-Redstone Space-Craft	1961
20150013857	Launch Countdown Saturn Vehicle SA-1	1961
20150013859	A Comparison of Several Eight-Tone Systems with a Two-Tone System for Transmitting Information in Three Bit Blocks	1961
20150013860	Advantages of Synchronous Over Non-Synchronous Operation of the Filter Bank Discriminator	1961
20150013861	Vibration Test P-21 Ionospheric Probe Flight Units 8.09 and 8.10	1961
20150013865	The Solar Simulation Problem - A Point of View	1961
20150013868	Prospector Vehicle Speed Limitations	1961
20150013877	SLOMAR - Space Logistics, Maintenance and Rescue System	1961
20150014101	Flight Test Directive Mercury/Atlas 109D	1961
20150014102	Project Mercury Program Outline for the Astronaut Acceleration Training Program IV	1961
20150014113	Actual Trajectory of Mercury-Redstone Flight Test MR-3	1961
20150014427	Light-Scattering; A Technique for Studying Soot in Flames	1961
20150014429	Space Materials Data Book for Project Surveyor	1961
20150014549	Some Aspects of the Origin of Dislocations in Metal Crystals	1961
20150014550	Supersonic Flow Past the Angle of Incidence of "Delta" Wings and Elliptic Cones with Subsonic Leading Edges	1961
20150014551	Equilibrium Temperature of Slender Bodies in a Supersonic Stream	1961
20150014554	Factors Controlling Non-Linear Phenomena in Ferromagnetic and Ferroelectric Ceramics	1961
20150014559	[Diffusion Control in Heterogeneous Catalytic Reactions]	1961
20150015110	First Quarterly Progress Report on a Study of Controllable Thrust Liquid Propellant Rocket Engines	1961
20150015136	Aeronautics and Astronautics: An American Chronology of Science and Technology in the Exploration of Space, 1915-1960	1961
20150015147	Safety and Design Considerations for Static Test and Launch of Large Space Vehicles	1961
20150015148	Study of a Paraglider Landing System for Manned Spacecraft	1961
20150015150	Final Comprehensive Technical Report - Tiros I Meteorological Satellite System Volume I	1961
20150015168	Comparison of On-Board and Ground Tracking for Lunar Missions	1961
20150015410	Apollo Final Study Report Volume III - Supporting Design Analyses	1961
20150015415	Business Management Proposal - NASA Project Apollo Spacecraft	1961
20150015477	Nonequilibrium Gasdynamics Related to Propulsion Systems	1961
20150015480	Saturn Quarterly Progress Report (January - March 1961)	1961
20150015482	The Application of the Two Fixed Center Problem to Lunar Trajectories	1961
20150015489	Saturn C-4 Status of Technical Planning	1961
20150015534	Rocket Engine Summary for the National Space Program	1961
20150015535	Report of the Ad Hoc Committee for Standardized Workhorse Launch Vehicles	1961
20150015642	Apollo Final Study Report Volume III - Supporting Design Analyses	1961
20150015676	X-Ray Image System for Nondestructive Testing of Solid Propellant Missile Case Walls and Weldments	1961
20150015686	On the Problem of Pulsed Oscillations in Ruby Maser	1961
20150015687	An Investigation to Establish the True Nature of Cloud Cover	1961
20150015701	Criticality of Subsystems for Large Launch Vehicles	1961
20150015707	Microwave Properties of Ceramic Nonlinear Dielectrics	1961
20150015709	The Ignition Mechanism of Composite Solid Propellants	1961
20150015742	Design Information on Titanium Alloys for Aircraft and Missiles	1961
20150015752	Fabrication of Beryllium Fine Wire	1961
20150015765	Fundamental Studies of Contact Fatigue	1961
20150015815	Axisymmetric Shallow Loading of Thin, Spherical Shells	1961
20150015816	Spherical Shell Supported at Isolated Points	1961
20150015861	Research and Development of Propellant Feed System for Ion Engines	1961
20150015863	Eddy-Current Damping of Magnetically Supported Superconducting Sphere by a Resistive Shield	1961
20150015865	A Liquid-Helium-Cooled Coaxial Termination	1961
20150015866	Pre-Installation Acceptance Tests of Instrumentation System Components	1961
20150015884	Dyna-Soar Step-1: Booster System Test Program	1961
20150015899	Electrical Power and Lighting Systems Checkout Procedures (Capsule 11)	1961
20150015900	Electrical Power and Lighting Systems Checkout Procedures (Capsule 9)	1961
20150015917	Relations Between Microstructure and Creep-Rupture Properties of Nickel-Base Alloys as Revealed by Overtemperature Exposures	1961
20150015918	A Method of Accurately Measuring Dynamic Stability Derivatives in Transonic and Supersonic Wind Tunnels	1961
20150015919	The Utilization of Technical Personnel in the Space Age	1961
20150015920	Space Research: What's in it for Mankind? The Peaceful Uses of Space	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150015921	Principles Concerning Pilot Performance in Centrifuge Simulations of Space Vehicles	1961
20150015923	Spaceborne Gas Chromatograph	1961
20150015924	Flow Calibration Procedure and Results for the 20-Inch Supersonic Wind Tunnel at the Jet Propulsion Laboratory	1961
20150015925	Able Mars Feasibility Study	1961
20150015926	Handbook for Contamination Control of Liquid Rocket Propulsion Systems	1961
20150015929	Heat Conductivity of Polyatomic and Polar Gases	1961
20150015930	Ionization of Nitrogen Molecules by Nitrogen Molecules	1961
20150015931	Orbiting Astronomical Observatories	1961
20150015932	NASA and Space	1961
20150015933	A Theory and Application of Filamentary Structures	1961
20150015934	A Theory and Applications of Filamentary Structures	1961
20150015935	Wallops Station Handbook	1961
20150015936	Foreign Participation in a U.S. Communication Satellite System	1961
20150015942	Current Problems of Space Control and Cooperation: An Analytical Summary	1961
20150016037	A Survey and Evaluation of Methods of Measuring Blood Pressure for Immediate Space Flight Programs	1961
20150016038	Kinetics of Chemical Reactions in Gases at High Temperatures Utilizing Shock Tube and Other Gas Dynamic Techniques	1961
20150016042	Basic Studies in Space Vehicle Attitude Control	1961
20150016044	The Terrestrial Origin of Libyan Desert Silica-Glass	1961
20150016051	Estimated 1963-1970 Capability of the Deep Space Instrumentation Facility for Project Apollo	1961
20150016056	The Effect of Large Amplitude Oscillations on Heat Transfer	1961
20150016057	Perturbed One-Dimensional Unsteady Flows Including Transverse Magnetic Field Effects	1961
20150016058	Hypersonic Flow Over Slender Power Law and Related Bodies	1961
20150016131	MTSS Study Part I - Configuration Selection	1961
20150016139	Bent Ogive Pointing Controls	1961
20150016140	Monthly Progress Report 3 July - 31 July 1961 NASA System Design and Research	1961
20150016197	Project Mercury: Mathematical Procedures for Determination of Capsule Range, Azimuth, Elevation and Radar Look Angles for Pad-Centered and Earth-Centered Inertial Coordinate System	1961
20150016198	The Storability of Cryogenic Propellants in Space	1961
20150016199	Effect of Specularly Reflecting Gray Surface on Thermal Radiation Through a Tube and From its Heated Wall	1961
20150016219	An Improved Description of the Varicentric Method of Space Flight Computation	1961
20150016224	Status Report on the Adaptive Guidance Mode	1961
20150016225	Description of Wind Shears Relative to a Missile/Space-Vehicle Axis and a Presentation of the Cape Canaveral, Florida, 95 and 99 Percent Probability Level Standardized Wind Profile Envelops (1-80 KM) and Associated wind Shears for Use in Design and Performance Studies	1961
20150016227	Temperature Control of the S-45 Payload, the Ionosphere Beacon Satellite	1961
20150016228	Discussion of Comet Probes	1961
20150016229	Apollo. Volume 5: Implementation Plan. Book 5: Support Operations	1961
20150016279	Apollo Final Study Report Volume V - Implementation Plan	1961
20150016280	Reaction Control System Checkout Procedures (Capsule 15)	1961
20150016281	In-Plant Testing Pre-Installation Acceptance Test for Environmental Control System	1961
20150016283	Communication System Checkout Procedures (Capsule 11)	1961
20150016285	X-1 Day Servicing (Capsule 9)	1961
20150016286	X-1 Day Servicing (Capsule 11)	1961
20150016288	Sequence System Launch Through Landing and Abort Checkout Procedures (Capsule 11)	1961
20150016295	Heat Transfer at Large Temperature Differences	1961
20150016297	Reaction Control System Checkout Procedures (Capsule 12 and 13)	1961
20150016456	Communication System Checkout Procedures (Capsules 12 and 13)	1961
20150016460	Electrical Power and Lighting Systems Checkout Procedures (Capsule 12 - 13)	1961
20150016463	Sequence System Launch Through Landing and Abort Checkout Procedures (Capsules 12 and 13)	1961
20150016465	Instrumentation System Checkout Procedures Capsule 15	1961
20150016467	To Instrument an Orbiting Solar Observatory	1961
20150016468	Charged Particle Measurements Above 100 KM by the Langmuir Probe Technique	1961
20150016597	A One-Directional Calculation Method for the Transient Temperature, Heat Transfer, and Ablation History at the Heated Surface of a Wall	1961
20150016598	Properties of Spheres, Spheroids, and Elliptical Lenses used as Propellant Tanks	1961
20150016623	Response of Bandpass Filters to Tone Burst Signals	1961
20150016629	Research in Liquid Dynamics in Missile Fuel Tanks	1961
20150016632	The Effect of Surface Reactions on Fatigue Failure	1961
20150016633	Determination of the Physical Properties of Liquid Ozone - Fluorine Mixtures	1961
20150016635	[Cajun Rocket Test Firings from Wallops Island]	1961
20150016638	Research on Solar Ultraviolet Radiation	1961
20150016640	To Instrument an Orbiting Solar Observatory	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150016641	Reaction Control System Checkout Procedures (Capsule 11)	1961
20150016678	Convective Heat Transfer with Chemical Reaction	1961
20150016682	Low Frequency Radiation from an Electric Dipole in a Cold Anisotropic Plasma	1961
20150016683	Experimental Study of the Heating of Gas Flow by High-Frequency Discharge	1961
20150016741	Dispersion Strengthened Materials	1961
20150016743	A Method for Obtaining Detailed Wind Shear Measurements for Application to Dynamic Response Problems of Missile Systems	1961
20150016744	Flight and Operational Experiences with Pilot-Operated Reaction Controls	1961
20150016879	Special Instrumentation Pallet, Crewman Simulator and Primate Couch Installation Procedures	1961
20150016880	Wallops Station Handbook	1961
20150016883	Development of a Plasmajet Rocket Engine for Attitude Control	1961
20150016884	Research and Development Covering Techniques for Fabrication of Solar Concentrators	1961
20150016885	Development of a Lunar Capsule Subsystem	1961
20150016902	Monthly Progress Report for November 1961 on the Determination of Emissivity of Materials	1961
20150016903	Determination of Emissivity of Materials	1961
20150016904	Determination of Emissivity of Materials	1961
20150016905	Determination of Emissivity of Materials	1961
20150016908	Monthly Progress Report for May 1961 on the Determination of Emissivity of Materials	1961
20150016909	Determination of Emissivity of Materials	1961
20150016910	Determination of Emissivity of Materials	1961
20150016911	On the Determination of Emissivity of Materials	1961
20150017000	Pressure Measurements Between Earth and Moon	1961
20150017443	Satellite Situation Report	1961
20150017444	Satellite Situation Report - Volume 1, No. 6	1961
20150017445	Satellite Situation Report, Volume 1, No. 14	1961
20150017453	Mercury Spacecraft Pilot Test (MA-2)	1961
20150017455	Time Course of Oxygen Evolution During Photosynthesis in Synchronized Cultures of Algae	1961
20150017457	Propulsion Requirements for Emergency Recovery at Near-Escape Velocities	1961
20150017459	Effects of Interaction of Structure, Control, and Propellant Sloshing upon the Stability of Large Space Vehicles	1961
20150017460	Dispersion Study of Juno II - Upper Stages	1961
20150017461	Atmospheric Reentry After Circumlunar Flight: Feasibility Study of a Single Axis Inertial Guidance System for Range Correction in Plane of Flight	1961
20150017462	Critical Lox Temperature in Suction Line of H-1 Rocket Engine Prior to Lift-Off	1961
20150017463	Frequency of Atmospheric Conditions Producing Acoustical Focusing over Cape Canaveral, Florida	1961
20150017465	Flight Report Vehicle 286/2014/3014 Delta Program - Mission No. 5 Tiros A-3 Payload	1961
20150017467	Instrumentation System Checkout Procedures Capsule No. 11	1961
20150017470	Research on Solar Ultraviolet Radiation	1961
20150017473	[Microwave Propagation Measurements in Plasmas and Measurement of Plasma Radiation]	1961
20150017475	Instrumentation System Checkout Procedures - Capsule 12 & 13	1961
20150017478	Summaries of Progress made Under Contract NASW-167 During Three Bi-Monthly Periods	1961
20150017479	Descriptive and Theoretical Studies of Charged Particles and Magnetic Fields in Space	1961
20150017481	Charged Particle Measurements Above 100 KM by the Langmuir Probe Technique	1961
20150017482	Radio Astronomy Experiments from Satellites and Rockets	1961
20150017483	Research on Liquid Dynamics in Missile Fuel Tanks	1961
20150017484	Report to NASA	1961
20150017495	Satellite Situation Report	1961
20150017496	Satellite Situation Report	1961
20150017497	Satellite Situation Report	1961
20150017498	Satellite Situation Report	1961
20150017499	Satellite Situation Report	1961
20150017511	Wallops Station Handbook	1961
20150017521	Status Report of Biological Systems in Interplanetary Environment	1961
20150017522	The Inflated Satellite: Characteristics in Sunlight and Darkness	1961
20150017526	Protection Against Solar Flare Protons	1961
20150017527	Unsteady Laminar Free Convection	1961
20150017531	[High Altitude Testing of the Tiros Radiometer]	1961
20150017533	Nuclear Rocket Stages Increase Saturn's Payload Capability	1961
20150017534	Tracking Accuracies for Lunar Missions	1961
20150017535	A Comparison of Analytical and Experimental Local Heat Fluxes in Liquid-Propellant Rocket Thrust Chambers	1961
20150017536	Interplanetary Correlation of Geologic Time	1961
20150017538	Some Factors in the Environment of a Satellite	1961
20150017539	Aeronautical Research in the Sixties	1961
20150017540	Study of the Most Recent Lunar Ray Systems	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017588	Project Spin - Precision Cryogenic Gyro	1961
20150017589	Project Spin (Precision Cryogenic Gyro)	1961
20150017590	Project Spin	1961
20150017591	Project Spin	1961
20150017592	Project Spin	1961
20150017632	The Use of Smoke Trails as Wind Sensors	1961
20150017633	Pre-Installation Acceptance Tests for Communications System Components	1961
20150017638	Summary of NASA Research on Aerial Jeeps, Flying Platforms, and Ground-Effect Machines	1961
20150017639	A Compilation of Information Facilities and Services of NASA Interest	1961
20150017640	Spectrophotometric Determination of Microgram Quantities of Vaporizable Water from Solids Using Karl Fischer Reagent	1961
20150017641	Pyrotechnic, Mechanical Test and Build-Up (Hanger "S") (Capsule 9)	1961
20150017662	The U.S. Ion Propulsion Program	1961
20150017668	Facility Description - Antenna Performance Measuring Range	1961
20150017675	Dynamic of Arc Jet System	1961
20150017676	The Development of a Flight Test Ion Engine	1961
20150017678	Pre-Installation Acceptance Test for Sequence System Components	1961
20150017679	Theory of Auroral Bombardment	1961
20150017680	Some Effects of Flight Maneuvers on the Distribution of Sonic Booms	1961
20150017681	Techniques and Instrumentation Associated with Rocket Model Heat-Transfer Investigations	1961
20150017685	Optimization of Multistage Rockets	1961
20150017687	Ground Equipment for Satellite Communication	1961
20150017688	Reduction of the Restricted Problem of Three Bodies to a Perturbation of Euler's Problem of Two Fixed Centers	1961
20150017689	The Effect of Rigid Inserts in Pressurized Spherical Shells	1961
20150017692	Tiros Program Results	1961
20150017693	International Programs of NASA	1961
20150017694	Building for Tomorrow's World	1961
20150017695	Rocket Model Research Instrumentation	1961
20150017716	Research Study to Determine Propulsion Requirements and Systems for Space Missions	1961
20150017717	Research Study to Determine Propulsion Requirements and Systems for Space Missions	1961
20150017723	An Experimental Determination of the Minimum Reynolds Number for Instability in a Free Jet	1961
20150017725	Factors Limiting the Landing Approach Speed of Airplane from the Viewpoint of a Pilot	1961
20150017726	Interior of the Moon: Observations from Space Vehicles will Provide Further Clues to the History of the Earth-Moon System	1961
20150017727	Least Fuel, Least Energy and Salvo Rendezvous	1961
20150017728	A Review of Current Helicopter Loads Research as Applied to the Problem of Rotor-Blade Fatigue Substantiation	1961
20150017729	The NASA Space Science Program	1961
20150017730	Space Biology	1961
20150017731	Re-Entry Problems	1961
20150017732	Congressional Presentation on Ground Support Instrumentation	1961
20150017733	NASA Aeronautical Research	1961
20150017760	[Presentation by Mr. Elliot Mitchell, Assistant Director for propulsion, Launch Vehicle Programs, National Aeronautics and Space Administration, Washington, D. C. before the Committee on Science and Astronautics, House of Representatives in March 1961]	1961
20150017762	Thermal Radiation from a Cylindrical Enclosure with Axial Wall Heat Conduction	1961
20150017763	Light and Intermediate Class Vehicles	1961
20150017765	The Long-Period Lunisolar Effect in the Motion of the Artificial Satellite	1961
20150017777	Vacuum Gauge Calibration System (10 (sup -2) to 10 (sup 1) millimeters Hg)	1961
20150017780	Ionospheric Plasma Study	1961
20150017783	Reflection Spectra as a Basis for Studying Extraterrestrial Life	1961
20150017784	Elevated Temperature Stress Corrosion of High Strength Sheet Materials in the Presence of Stress Concentrators	1961
20150017785	Nonequilibrium Gas Dynamics Related to Propulsion Systems	1961
20150017786	Ionospheric Plasma Study	1961
20150017787	Optimal Control Theory Studies	1961
20150017788	Synthesis of a Minimum Energy Controller Subject to an Average Power Constraint	1961
20150017789	Some Experiments on Hypersonic Separated Flows	1961
20150017790	The Mechanical Instability and Forced Response of Rotors on Multiple-Degree-of-Freedom Supports	1961
20150017793	Comments on Russian Paper for Publication	1961
20150017795	The Computation of Perturbations of Near Circular Orbits, Using a Non-Singular Set of Vectorial Elements	1961
20150017797	Sterilization Space Probe Components - Status Report No. 2	1961
20150017798	Sterilization Space Probe Components	1961
20150017799	Economic Questions of Communication and Meteorological Satellites	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150017800	Hydromagnetic Wave Propagation in a Constant Dipole Magnetic Field	1961
20150017801	Structures, Materials, and Aircraft Operating Problems	1961
20150017803	Automatic Stabilization Control System Checkout Procedures - Capsule 11	1961
20150017807	Environmental Control System Checkout Procedures - Capsule 9	1961
20150017809	Environmental Control System Checkout Procedures - Capsule 12 and 13	1961
20150017810	Analytical and Limited Experimental Study of the Mechanisms of Impact, Penetration and Light Emission for Micrometeorites on an Aluminum-Coated Photomultiplier	1961
20150017811	The Distribution of Trapped Particles in a Changing Magnetic Field	1961
20150017812	The Stellar-Wind Regions	1961
20150017813	Functional and Environmental Testing of Spacecraft	1961
20150017814	Ground Proximity Effects Associated with V/STOL Aircraft	1961
20150017815	The Effects of Betatron Accelerations Upon the Intensity and Energy Spectrum of Magnetically Trapped Particles	1961
20150017816	Data Handling and Processing of Rocket Model Research Data	1961
20150017818	A Very-Low-Frequency (VLF) Synchronizing System	1961
20150017819	Designing a Self-Erecting Manned Space Lab	1961
20150017820	Low-Speed Time-Multiplexing with Magnetic Latching Relays	1961
20150017821	Considerations in Selection of Wing and Fuselage Sheet Materials for Trisonic Transports	1961
20150017822	Equilibrium Temperatures of Ideal Spectrally Selective Surfaces	1961
20150017824	Fundamental Limitations to Optical Doppler Measurements for Space Navigation	1961
20150017825	Considerations in Selection of Wing and Fuselage Sheet Materials for Trisonic Transports	1961
20150017827	Environmental Control System Servicing - Capsule 15	1961
20150017828	Two-Dimensional Unsteady Incompressible Laminar Duct Flow with a Step Change in Wall Temperature	1961
20150017833	Broad-Band Ultraviolet Filters	1961
20150017835	Theory and Application of Hot-Wire Calorimeter for Measurement of Ion Beam Power	1961
20150017846	Capsule Preparation and Shipment - Capsule 11 and Up	1961
20150017850	Trajectory Considerations for Circumlunar Missions	1961
20150017853	Capsule, Pylon and Adapter Installation Checks (Capsule 9)	1961
20150017854	Capsule, Pylon and Adapter Installation Checks	1961
20150017863	Firing Site Weight Report	1961
20150017864	Experimental Investigation of Heat Flux at the Upper Limit of Nucleate Boiling for Two Mixtures of Hydrazine and Unsymmetrical Dimethylhydrazine	1961
20150017866	Instrumentation for the Determination of the Composition of the Upper Atmosphere	1961
20150017869	Environmental Control System Checkout Procedures (Capsule 11)	1961
20150017870	Environmental Control System Checkout Procedures Capsule 18	1961
20150017879	Electron Density Profile Probe P-21	1961
20150017880	Description of Gamma Ray Astronomy Satellite S-15	1961
20150017882	Ionization of Nitrogen and Oxygen Molecules	1961
20150017883	Cylinder Instability	1961
20150017884	Cylinder Instability	1961
20150017885	Ionization of Nitrogen and Oxygen Molecules	1961
20150017886	Elastic Behavior of Certain Hydrocarbon-Soap and Other Colloidal Systems	1961
20150017887	Hydromagnetic Waves and the Trapped Radiation	1961
20150017888	Hydromagnetic Waves and the Trapped Radiation	1961
20150017898	Energetic Particles Satellite S-3	1961
20150017901	Estimated Collision Integrals for the Exponential Attractive Potential	1961
20150017977	The Dumbbell Electrostatic Ionosphere Probe: Engineering Aspects	1961
20150017979	Communications Satellites and Telephone Rates: Problems of Government Regulation	1961
20150017980	Determination of Radiation Configuration Factors	1961
20150017983	Density in a Planetary Exosphere	1961
20150017985	Tensile Properties of Pyrolytic Graphite to 5000 F	1961
20150017986	Estimation of Longitudinal Variations in the Earth's Gravitational Field from Satellite Observations	1961
20150017987	Space - Friendly or Hostile? - Address by Robert C. Seamans, Jr., Associate Administrator National Aeronautics and Space Administration Before the Richmond Chamber of Commerce Richmond, Virginia January 12, 1961	1961
20150017988	Operation of a Solar Space Environment Simulator	1961
20150017990	The Reflectance Spectra of Chlorocobaltous and Chloroferri Complex Ions on Dowex-1 Anion-Exchange Resin	1961
20150017998	Provisional Instrumentation Plan Number 1: Ranger Vehicle RA-2	1961
20150017999	Project Mercury: Heating Characteristics for Three Mercury Exit Models	1961
20150018004	Surface Heat Flow from a Differentiated Earth	1961
20150018005	Handling Rocket Exhaust Products in Altitude Facilities	1961
20150018007	Project Mercury Mission Directive for Simulated Orbital Flight Test Program (Capsule No. 10)	1961
20150018008	Project Mercury: Astronaut Preparation and Activities Manual for Mercury-Redstone Mission No. 3 (MR-3)	1961
20150018011	The U. S. Program for Particles and Fields Research in Space	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150018012	Force and Torque on a Superconducting Ellipsoid in an Axially Symmetric Magnetic Field	1961
20150018028	The Creation of a Good Research Environment	1961
20150018030	Remarks at Opening Session	1961
20150018034	Address by James E. Webb, Administrator	1961
20150018035	Address by James E. Webb, Administrator, NASA to the National Press Club	1961
20150018036	Address By James E. Webb, Administrator, National Aeronautics and Space Administration, to the Annual Banquet, American Public Works Association	1961
20150018038	Address by Thomas F. Dixon, Deputy Associate Administrator National Aeronautics and Space Administration before the Greater Los Angeles Press Club	1961
20150018039	Education for the Space Age	1961
20150018040	Address by Elliot Mitchell, Assistant Director for Propulsion, NASA	1961
20150018143	The Scattering Function for a Harmonic Torsional Oscillator	1961
20150018145	National Aeronautics and Space Administration Fourth Semiannual Report to Congress	1961
20150018157	Electrets	1961
20150018158	Biological and Artificial Intelligence	1961
20150018160	Measurement of Gamma Radiation	1961
20150018171	Effects of Sterilizing Agents on Microorganisms	1961
20150018172	Experimental Method of Measuring Intensity of Turbulence in a Rocket Chamber	1961
20150018184	Turbulent Diffusion in the Core of Fully Developed Pipe Flow	1961
20150018211	Nitrogen Atom Recombination on Surfaces	1961
20150018230	Initial Research Studies and Engineering Studies for the Instrumentation and Operation of an Astronomical Telescope and Related Equipment Aboard an Orbiting, Stabilized Platform	1961
20150018237	Energy Transport in High Temperature and Reacting Gases	1961
20150018241	Ignition of Solid Propellant Rocket Motors by Injection of Hypergolic Fluids	1961
20150018245	Perturbation Studies of Flames by Changes in Composition	1961
20150018462	Catalytic Surface Recombination of Atomic Oxygen	1961
20150018463	Catalytic Surface Recombination of Atomic Oxygen	1961
20150018472	[University of Michigan Flight Discussion and Preliminary Results]	1961
20150018488	The Influence of Impurity Elements, Structure, and Prestrain on the Tensile Transition Temperature of Chromium	1961
20150018489	The Influence of Impurity Elements, Structure, and Prestrain on the Tensile Transition Temperature of Chromium	1961
20150018490	The Influence of Impurity Elements, Structure, and Pre-Strain on the Tensile-Transition Temperature of Chromium	1961
20150018493	[Quarterly Progress Report for period 1 September 1960 to 30 November 1960]	1961
20150018494	[University of Michigan Post-Flight Test Results and Discussion of Future Work]	1961
20150018502	Transport Phenomena in Ionic Oxides with Emphasis on Pure and Doped Magnesium Oxide	1961
20150018504	Preliminary Project Development Plan: Nimbus Operational System	1961
20150018507	On the Asymptotic Theory of Control Systems: I	1961
20150018519	Effectiveness of Various Agents for Suppressing Ignition of RP-1 and Hydrogen Under Flow Conditions	1961
20150018536	An Experimental and Analytical Study of Aircraft Response to Buffeting	1961
20150018547	"Ranger" Experiment	1961
20150018548	Research on Zero-Gravity Expulsion Techniques	1961
20150018549	Implementation of a Technique for Determining Time-Invariant and Time-Variant Dynamic Characteristics of Human Pilots	1961
20150018550	Frequency Standard and Relativity-Cosmology Experiments	1961
20150018553	What's Happening in Space?	1961
20150018554	Investigation of Vibration Characteristics of a 1/5-Scale Model of Saturn SA-1	1961
20150018556	Plastic Stability Theory of Geometrically Orthotropic Plates and Cylindrical Shells	1961
20150018558	Project Mercury: A Composite Model Atmosphere for Use in Project Mercury Calculations	1961
20150018561	Wind Loads on a Vertically Rising Vehicle Including Effects of Time-Varying Parameters	1961
20150018620	Tracking Accuracies for Lunar Missions	1961
20150018626	Theory and Experiments for the Role of Space Charge in Plasma Acceleration	1961
20150018628	Gas Conduction Problem with Multilayered Radiation Shields	1961
20150018632	Some Considerations of Hypersonic Inlets	1961
20150018635	Project Mercury Medical Evaluation Program	1961
20150018637	Apollo Guidance and Navigation: Preliminary Mod 3C Programmers Manual	1961
20150018638	Optical Satellite Tracking Program	1961
20150018640	The Evolution of Guidance Theory and Trajectory Analysis into a Single Scientific Discipline	1961
20150018641	NASA Program Evaluation and Review Technique (PERT) Handbook	1961
20150018644	Some Factors Influencing the Fracture Toughness of Sheet Alloys for Use in Lightweight Cryogenic Tankage	1961
20150018645	Project Mercury Environmental Control System Test and Astronaut Training Program	1961
20150018835	[Design, Development and Fabrication of Three Orbiting Solar Observatory Satellites]	1961
20150018836	Monthly Letter Progress Report [Orbiting Solar Observatory]	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150018838	[Design, Development, and Fabrication of a Prototype and a Flight Model Orbiting Solar Observatory Satellite]	1961
20150018839	[Design, Development, and Fabrication of a Prototype and a Flight Model Orbiting Solar Observatory]	1961
20150018840	[S-16 Prototype Satellite Environmental Testing]	1961
20150018848	Experiments with Plasmas Produced by Alkali-Metal-Seeded Cyanogen-Oxygen Flames for Study of Electromagnetic Wave Propagation at the Langley Research Center	1961
20150018851	Decay of Temperature Fluctuations in Homogeneous Turbulence Before the Final Period	1961
20150018857	General Instability of Cylindrical Shells	1961
20150018945	Plasma Models Describing Propagation in Magneto-Ionic Media	1961
20150018947	Plasma Theory of Electron-Phonon Interaction in Metals	1961
20150018975	Delta Sem-Annual Technical Progress Report: Model Number DM-19	1961
20150018981	Project Mercury: Effects of Propellant and Hardware Temperature on the Starting Response Times of H2O2 Reaction Control Thrust Chambers of the Mercury Capsule	1961
20150018982	Life Systems Aspects of Third Mercury-Aviation Medical Acceleration Laboratory Centrifuge Program	1961
20150018990	[NASA Space Activities Summary for Spacecraft Launches, 1957-1961]	1961
20150018991	[NASA Space Activities Summary for Spacecraft Launches, 1957-1961]	1961
20150019298	Primary Proton Protection. Part III: Geometry, Energy, and Minimum Weight	1961
20150019300	NASA in Aeronautical Research	1961
20150019301	The Finite Deflection of a Normally Loaded Spinning Elastic Membrane Clamped at its Center	1961
20150019303	Comments on Weather Effects on Interference at Satellite Terminals	1961
20150019304	Noise Considerations in the Design and Operation of Aircraft	1961
20150019305	Study of Cylindrical Shells with Large Radius to Thickness Ratios	1961
20150019556	Research in Space Science	1961
20150019577	Investigation of the Capabilities and Limitations of Refractory Metals, with Emphasis on Fabrication and Protective Coating of Structures Made of Thin Sheet	1961
20150019581	Design Study of Controllable Thrust Liquid Propellant Rocket Engines	1961
20150019582	Research on the Use of Electronic and Mechanical Apparatus and Instrumentation for Rockets and Satellites	1961
20150019583	Axisymmetric Pressure Loading of Thin Shells of Revolution: Approximate Membrane Solution	1961
20150019584	Influence Coefficients of Shallow Spherical Shells	1961
20150019585	Impact Skirt System Installation and Checkout Procedures	1961
20150019586	General Considerations for Satellite Attitude Control Systems	1961
20150019588	Pilot Control of Rendezvous	1961
20150019594	Design and Construction of a Lunar Seismograph	1961
20150019595	Design and Construction of a Lunar Seismograph	1961
20150019596	Design and Construction of a Lunar Seismograph Prototype Model	1961
20150019602	Method of Producing Improved Bearing Components by Elimination or Control of Fiber Orientation	1961
20150019606	Determination of the Density of Solar Furnace Glass and Tektite Material	1961
20150019607	The Effects of Shear Deformations and Cross-Sectional Distortion on the Natural Frequencies of Wide-Flanged Beams	1961
20150019608	The Electromagnetic Parameters of Selected Terrestrial and Extraterrestrial Rocks and Glasses	1961
20150019609	Multiprogram Operation of the IBM 707 Computer	1961
20150019610	Hanger Simulated Flight (Capsule 9)	1961
20150019611	Engineering Properties of Potassium	1961
20150019612	Engineering Properties of Potassium	1961
20150019613	Engineering Properties of Potassium	1961
20150019614	Engineering Properties of Potassium	1961
20150019615	Engineering Properties of Potassium: Eighth Monthly Report	1961
20150019673	Engineering Properties of Potassium	1961
20150019674	Engineering Properties of Potassium	1961
20150019675	Engineering Properties of Potassium	1961
20150019676	Engineering Properties of Potassium	1961
20150019678	Research on the Physics of Solid Materials	1961
20150019682	Solar Proton Impact Zones	1961
20150019683	Optimum Low-Acceleration Trajectories for Earth-Mars Transfer	1961
20150019684	Nonadiabatic Theory of Electron-Hydrogen Scattering	1961
20150019685	Design and Operating Criteria for Environmental Vacuum Chambers	1961
20150019686	Experimental Evaluation of High-Vacuum Condensers in Large Vacuum Facilities	1961
20150019688	Application of Liquid-Helium Cryopumping to Large Electric Rocket Vacuum Facilities	1961
20150019689	A Catalytic Method for Cryopumping Hydrogen	1961
20150019690	The Role of Higher Education in the Developing Space Age	1961
20150019694	Our National Program in Space	1961
20150019697	U.S. Cooperation in Space Research	1961
20150019705	Comparative Experimental and Theoretical Considerations on the Mechanisms of Fluid Oscillations on Cylindrical Containers	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150019707	Fracture Toughness of SAE 4340 Steel Heat-Treated to 200,000 to 300,000 psi	1961
20150019708	Electron Density in the Ionosphere	1961
20150019709	Fundamental Geochemical Research on Tektites, Stony Meteorites, and Radiation Damage in Related Silicate Materials	1961
20150019710	Study of Infrared Instrumentation for Thermal Photography of the Moon	1961
20150019711	Problems of Spacecraft Scientific Instrument Calibration and Systems Tests	1961
20150019712	Beckman Design Proposal and Study Report NASr-17: Spaceborne Gas Chromatograph Atmosphere Analyzer	1961
20150019714	Performance Summary for the NIKE-ASP Sounding Rocket Vehicle	1961
20150019726	Engineering Properties of Potassium	1961
20150019803	Performance Summary for the Shotput Sounding Rocket Vehicle	1961
20150019804	Engineering Properties of Potassium	1961
20150019805	Correlation of Hydrogen Heat Transfer in Boiling and Supercritical Pressure States	1961
20150019806	Estimating Caloric State Behavior in Condensed-Phase Detonations	1961
20150019807	On the Measurement of Oscillatory Aerodynamic Derivatives Including a Summary of Recent Results	1961
20150019808	Model Studies of Some Methods of Jet Noise Generation for Laboratory Testing	1961
20150019809	Ablation and Atmospheric Entry	1961
20150019811	A Classification Problem in Commutative Matrix Theory	1961
20150019818	Supersonic Transport Propulsion Requirements	1961
20150019820	Status and Future of High Temperature Coatings for Refractory Metals	1961
20150019827	Survival Kit Packing Procedures	1961
20150019828	The Trajectories and Some Practical Guidance Considerations for Rendezvous and Return	1961
20150019830	Functional Synthesis and Analysis of NOR and NAND Networks	1961
20150019831	Plasma Theory of Electron-Phonon Interaction in Metals	1961
20150019837	Study of the Expansion of Hydrogen-Air Exhaust Products in an Exhaust Nozzle	1961
20150019842	Propeller - Nacelle Whirl Flutter	1961
20150020391	Negative Ion Formation in Gases	1961
20150020410	Wind-Tunnel Wall Interference and Ground Effect for VTOL-STOL Aircraft	1961
20150020431	Vortex Containment for the Gaseous-Fission Rocket	1961
20150020435	Capsule Paraglider Program	1961
20150020437	Dust Formation and Radiation Damage on the Lunar Surface	1961
20150020438	Experimental Detonation Velocities and Induction Distances in Hydrogen-Nitrous Oxide Mixtures	1961
20150020439	A Note on Bluff Body Flame Stabilization	1961
20150020519	Adiabatic Temperature Effects in Strain Gage Systems	1961
20150020521	Atmospheric Environment for the Flight of Saturn (SA-1)	1961
20150020522	Design Studies of Very Large Solid Fuel Rockets	1961
20150020523	The Dynamics of Solid Propellant Rocket Motors	1961
20150020524	Thermal Energy Storage	1961
20150020526	Project Mercury: Determination of Net Thrust of Project Mercury Tower Jettison Rocket and Escape Tower Assembly	1961
20150020529	Pyrolytic Graphite Rocket Thrust Chamber Investigation Project	1961
20150020533	Research and Development Covering Techniques for Fabrication of Solar Concentrators	1961
20150020534	Research and Development Covering Techniques for Fabrication of Solar Concentrators	1961
20150020535	Nonlinear Aspects of Combustion Instability in Liquid Propellant Rocket Motors	1961
20150020536	NASA System Design and Research	1961
20150020539	Research Study of Radiation and Shielding	1961
20150020542	Evaluation of Regenerative Fuel Cell	1961
20150020851	The 5577 A Airglow Emission Mechanism	1961
20150020853	Application of Spectroscopic Temperature Measuring Methods to Definition of a Plasma Arc Flame	1961
20150020855	Optimal Filtering and Linear Prediction Applied to a Space Navigation System	1961
20150020856	An Experimental Study and the Development of Analysis Techniques for Human Operator Dynamic Characteristics	1961
20150020859	Rocket-UV Spectrometer	1961
20150020860	A Digital Solar Aspect Sensor	1961
20150020861	Application of Similarity Parameters for Correlating High-Frequency Instability Behavior of Liquid Propellant Combustors	1961
20150020862	Recent Transient Heat Transfer Testing Techniques in the JPL 21-Inch Hypersonic Wind Tunnel	1961
20150020863	Development of Counting-Rate Computer Electronics for a Rocketborne Spectroscopic Telescope	1961
20150020864	Study of Air Transportation for Saturn S-I and S-IV Stages by C-133 Aircraft	1961
20150020871	Implementation of the Path-Adaptive Guidance Mode in the Steering Techniques for Saturn - Multistage Vehicles	1961
20150020872	The Path-Adaptive Mode for Guiding Space Flight Vehicles	1961
20150020873	Derived-Rate Increment Stabilization: Its Application to the Attitude-Control Problem	1961
20150020875	A Forced-Convection and Nucleate-Boiling Heat-Transfer Test Apparatus	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150020882	Project Mercury: Astronaut Preparation and Activities Manual for Mercury-Atlas Mission 6 (MA-6 Spacecraft 13)	1961
20150020885	On Ion Rocket Neutralization	1961
20150020886	Tracking and Orbit Determination for Orbital Operations	1961
20150020888	Characteristics and Performance of Several Rocket Systems for Meteorological Research	1961
20150020889	The Bubble Content of Tektites Solar Furnace Glass and Darwin Glass	1961
20150020890	Derivation of a Conic Profile to Fit n Points	1961
20150020891	Catalog of Tektites	1961
20150020892	The Fusion of Sedimentary Rock in a Solar Furnace Experiment No. 2	1961
20150021016	The Operations Problem of Sterilization	1961
20150021141	Research on Improved Particle - Charging Technique	1961
20150021157	The Effect of Cyclic Loading on MgO Single Crystals	1961
20150021159	A Model for Conditioning and the Effect of Spaced Trials in Learning	1961
20150021160	Satellite and Probe Programs	1961
20150021161	Luncheon Talk by James E. Webb, Administrator, National Aeronautics and Space Administration	1961
20150021162	[NASA Administrator Address to the National Rocket Club]	1961
20150021163	Statement by James E. Webb, Administrator	1961
20150021164	Statement by James E. Webb, Administrator, National Aeronautics and Space Administration Upon Acceptance of the President's Safety Award for 1960	1961
20150021166	Attitude Determination for the TIROS Satellites	1961
20150021169	Manufacturing Development of Tungsten Alloys for Rocket Nozzles	1961
20150021222	[50K Plug Nozzle Engine]	1961
20150021223	50K Plug Nozzle Engine	1961
20150021225	50K Plug Nozzle Engine	1961
20150021226	[50K Plug Nozzle Engine]	1961
20150021227	[50K Plug Nozzle Engine]	1961
20150021228	50K Plug Nozzle Engine	1961
20150021231	Controllable Thrust Liquid Propellant Rocket Engine Thrust Chamber Study Program	1961
20150021237	Status of Nuclear Rocket Program	1961
20150021264	50K Plug Nozzle Engine	1961
20150021330	Remarks at Opening Session Twelfth International Congress of Astronautics	1961
20150021333	Comparative Energy Absorption of Various Spacecraft Materials Irradiated by Sunlight and Artificial Sources	1961
20150021334	A Nitrogen-Cooled Force Balance for the JPL 21-Inch Hypersonic Wind Tunnel	1961
20150021336	Contributions from the X-15 Flight Test Program Relating to Design and Development of the Supersonic Transport	1961
20150021337	Tektites	1961
20150021351	Axisymmetric Edge Loading of Shells of Revolution	1961
20150021355	Notes on Radiation Environment and Shielding Requirements in Space	1961
20150021356	Problems and Potentialities of Space Rendezvous	1961
20150021357	An Exploratory Study of the Effect of Sloshing on Heat Transfer in Simulated Cryogenic Liquids	1961
20150021364	Development Plan for RL10A-3 Rocket Engine	1961
20150021789	Perspectives in Neuropathology	1961
20150021947	Fourth Semiannual Report to Congress	1961
20150022949	Expansion of Hydrogen Air Combustion Products Through a Supersonic Exhaust Nozzle; Measurements of Static-Pressure and Temperature Profiles	1961
20150022990	Composite Thermal Protection Systems for Manned Reentry Vehicles	1961
20160000170	Behavior of Liquid Hydrogen With Simulated Solar Flux Under Near Zero G Conditions During Sounding Rocket Flight	1961
20160000173	The Proton Energy Spectrum from the Solar Cosmic Ray Event of September 3, 1960 Determined from Rocket Borne Nuclear Emulsions	1961
20160000174	Heavy Nuclei in Solar Cosmic Rays	1961
20160000175	Rocket Observations of Solar Protons on September 3, 1960	1961
20160000176	A Stellar Model of Mixed Opacity and Its Variations with the Mass, Chemical-Compositions, Opacity Coefficients and Energy-Generation Coefficient	1961
20160000178	Direct Measurement of Interplanetary Dust Particles in the Vicinity of Earth	1961
20160000181	Calculation of the Eclipse Factor for Elliptical Orbits	1961
20160000189	Altimetry System Errors in Landing-Approach Operations	1961
20160000286	[Plastic Behavior in Ionic Systems]	1961
20160000287	[Economic and International Policy Questions of Communication Satellites]	1961
20160000288	Operational Factors and Economic Potential of Active and Passive Communication Satellites	1961
20160000289	[Operational Factors and Economic Potential of Passive and Active Communication Satellites]	1961
20160000485	Space Communication	1961
20160000491	Logarithmic Compression of Binary Numbers	1961
20160000493	Recent Studies on the Effect of Cooling on Boundary-Layer Transition at Mach 4	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
2016000495	Segmenting of Radiators for Meteoroid Protection	1961
2016000496	Attitude Stabilization Using Focused Radiation Pressure	1961
2016000497	Project Echo Results	1961
2016000508	Isotensoid Design for Space Structures	1961
2016000509	Isotensoid Design for Space Structures	1961
2016000510	Evidence of Metallic Bonding in TiN	1961
2016000514	Engineering Properties of Potassium	1961
2016000515	Engineering Properties of Potassium	1961
2016000516	Theoretical Investigation on the Satellite Problem	1961
2016000517	Stability and Dynamic-Load Equations of Boost Vehicles	1961
2016000518	Low Level Acceleration Measurement	1961
2016000519	Studies of Inert Gases in Meteorites, X-Ray Diffraction and Gamma-Ray Detection Techniques for Lunar Exploration	1961
2016000524	Control of Flow Characteristics of Fuel System Components	1961
2016000525	Radio Astronomy Experiments from Satellites and Rockets	1961
2016000527	Theoretical and Experimental Research on the Initiation and Development of Detonation Waves in Combustible Gas Mixtures	1961
2016000529	Electrical Conductivity of Ionized Air in Thermodynamic Equilibrium	1961
2016000718	Evaluation of Regenerative Fuel Cell	1961
2016000719	Evaluation of Regenerative Fuel Cell	1961
2016000720	Evaluation of Regenerative Fuel Cell	1961
2016000721	Lubrication Properties of Metal-Free Phthalocyanine and Metal-Free Porphyrin in Simulated Space Environment	1961
2016000722	Research and Development Covering Techniques for Fabrication of Solar Concentrators	1961
2016000723	Research and Development Covering Techniques for Fabrication of Solar Concentrators	1961
2016000724	Research and Development Covering Techniques for Fabrication of Solar Concentrators	1961
2016000725	Satellite and Space Probe Experiments	1961
2016000726	Satellite and Space Probe Experiments	1961
2016000727	Study of Winds, Diffusion and Expansion of Gases in the Upper Atmosphere	1961
2016000728	[Colorado State University Brief Report: Plant Growth]	1961
2016000729	The Use of Higher Plants in a Large Microcosm	1961
2016000730	Monthly Progress Report on Contract NAS5-703	1961
2016000732	Thermal Energy Storage Research and Development Program	1961
2016000733	Thermal Energy Storage Research and Development Program	1961
2016000735	Thermal Energy Storage Research and Development Program	1961
2016000736	Rolling Bearings Don't Roll	1961
2016000737	On the Influence of Secondary Waves from the Intersection of Shocks of the Same Family	1961
2016000738	Theorems Concerning Perfect Square Numbers	1961
2016000739	The Effect of Solar Disturbances and the Galactic Magnetic Field on the Interplanetary Gas	1961
2016000740	Space Biophysics: Preparatory Program for Bio-Satellite Research	1961
2016000741	Tektite Project	1961
2016000759	Model Specification for Project Centaur Space Vehicle Convair Model 55	1961
2016000823	Experiment to Test the Space Environment's Effects on Algal Photosynthesis and Respiration	1961
2016000824	Low Resolution Unchopped Radiometer for Satellites	1961
2016000840	Design and Performance of Phase-Lock Circuits Capable of Near-Optimum Performance Over a Wide Range of Input Signal and Noise Levels	1961
2016000843	[Tentative Plans for Spring Rocket Firings]	1961
2016000845	Receiving Inspection for Capsule, Pylon and Adapters (Capsule 9 and Subsequent)	1961
2016000879	Probable Climatic Extremes for Use in MSFC-Space Vehicle Booster and Associated Equipment Development	1961
2016000881	Space Structure Rigidization	1961
2016000899	Properties of Spheres, Spheroids, and Elliptical Lenses Used as Propellant Tanks	1961
2016001020	Preflight Calculated Tracking Data for the Mercury Network Test Vehicle MNTV-1	1961
2016002115	Linearized Supersonic Flow Beneath Flat Delta Wings	1961
2016003256	Ionizer Development and Surface Physics Studies	1961
2016009434	Appendix L: Systems Description and Design Criteria Document	1961
2016009441	1:20 Scale Model Saturn Launch Deflector Studies	1961
2016009450	Study of Orbital Launch Operations	1961
2016009462	History of the George C. Marshall Space Flight Center, Volume 1	1961
2016009467	Apollo Final Study Report - Volume III: Supporting Design Analyses	1961
2016009518	Optimum Trajectory Analysis	1961
20160013564	Summary Comparison Study of Saturn Class Booster	1961
20160013608	NASA Project Mercury Working Paper No. 211, Project Mercury Postlaunch Trajectory Report for Mercury-Redstone Mission 4 (MR-4 Capsule 11)	1961
20160013610	Operation and Maintenance Manual: Chief Instructor's Console Simulation Cape Canaveral	1961

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160013611	Project Apollo Spacecraft Development Statement of Work	1961
20160013739	PostLaunch Report for Mercury-Redstone No. 2 (MR-2)	1961
20160013741	Postlaunch Memorandum report for Mercury-Redstone No. 4 (MR-4)	1961
20160013748	Postlaunch Report for Mercury - Atlas No. 2 (MA- 2)	1961
20160013750	Project Development Plan for Rendezvous Development Utilizing the Mark II Two Man Spacecraft	1961
20160013752	Proposal for Orbital Docking Test Program. Volume 1 Technical Report, Part II	1961
20160013756	Project Apollo Spacecraft	1961
20160013760	Project Apollo: A Hypothetical Model of the Lunar Surface for the Engineering Design of Terminal Touchdown Systems	1961
20160013781	Mercury-Atlas No. 3 (MA-3) Memorandum Report	1961
20160013798	Design Specification Surveyor Prototype Equipment Scientific Instruments Subsurface Geophysical Instruments	1961
20160013802	Guidelines for a Program for Manned and Unmanned Orbital Operations	1961
20170000919	Copies of Slides to Be Presented at NASA-Industry Apollo Technical Conference	1961
19620000001	CLEVELAND. ACCELERATOR GRID TESTS ON AN ELECTRON-BOMBARDMENT ION ROCKET	1962
19620000002	A CORRELATION STUDY OF THE BOW-WAVE PROFILES OF BLUNT BODIES	1962
19620000003	ROCKET MEASUREMENTS OF THE UPPER IONOSPHERE BY A RADIO PROPAGATION TECHNIQUE	1962
19620000004	INVESTIGATION OF THE LOW-SUBSONIC FLIGHT CHARACTERISTICS OF A MODEL OF A RE-ENTRY VEHICLE WITH A THICK FLAT 75 DEG SWEPT DELTA WING AND A HALF-CONE FUSELAGE	1962
19620000005	INITIAL INVESTIGATION OF MONOPOLE ANTENNA SYSTEMS FOR USE ON SPHERICAL METAL SATELLITES	1962
19620000006	AN ACCELERATED RESERVOIR LIGHT-GAS GUN	1962
19620000007	CLEVELAND. NONVISCOUS FLOW THROUGH A PUMP IMPELLER ON A BLADETO-BLADE SURFACE OF REVOLUTION	1962
19620000008	STATISTICS OF SOLAR COSMIC RAYS AS INFERRED FROM CORRELATION WITH INTENSE GEOMAGNETIC STORMS	1962
19620000010	A NOTE ON HELICOPTER ROTOR-BLADE FATIGUE-CRACK PROPAGATION RATES UNDER EQUIVALENT-LIFETIME FATIGUE LOADINGS	1962
19620000011	FURTHER DEVELOPMENTS ON THE REQUIRED NUMBER OF RANDOMLY SPACED COMMUNICATION AND NAVIGATION SATELLITES	1962
19620000012	CLEVELAND. A COMPARISON OF REVERSE-FEED AND POROUS-TUNGSTEN ION ENGINES	1962
19620000014	PRELIMINARY STUDY OF THE EFFECTS OF IONIZING RADIATIONS ON PROPELLANTS, THE X-IRRADIATION OF AMMONIA AND HYDRAZINE	1962
19620000015	AN ANALYTICAL STUDY OF THE CONTINUOUS CHEMICAL REGENERATION OF SURFACES	1962
19620000020	PAYLOAD VIBRATION DATA MEASURED DURING FIVE FLIGHTS OF A TWO-STAGE SOLID-PROPELLANT LAUNCH VEHICLE	1962
19620000021	AERODYNAMIC CHARACTERISTICS OF A POWERED SEMISPAN TILTING-SHROUDED-PROPELLER VTOL MODEL IN HOVERING AND TRANSITION FLIGHT	1962
19620000023	CALCULATION PROCEDURE FOR THERMODYNAMIC, TRANSPORT, AND FLOW PROPERTIES OF THE COMBUSTION PRODUCTS OF A HYDROCARBON FUEL MIXTURE BURNED IN AIR WITH RESULTS FOR ETHYLENE-AIR AND METHANE-AIR MIXTURES	1962
19620000024	STUDY OF A PROPOSED INFRARED HORIZON SCANNER FOR USE IN SPACE-ORIENTATION CONTROL SYSTEMS	1962
19620000025	EQUATIONS OF MOTION AND DESIGN CRITERIA FOR THE DESPIN OF A VEHICLE BY THE RADIAL RELEASE OF WEIGHTS AND CABLES OF FINITE MASS	1962
19620000026	WIND-TUNNEL TESTS OF A 1/20-SCALE AIRSHIP MODEL WITH STERN PROPELLERS	1962
19620000027	THE SIMULTANEOUS MEASUREMENT OF IONOSPHERIC ELECTRON DENSITIES BY CW PROPAGATION AND RF IMPEDANCE PROBE TECHNIQUES	1962
19620000028	CLEVELAND. ELEMENTS AND PARAMETERS OF THE OSCULATING ORBIT AND THEIR DERIVATIVES	1962
19620000029	THERMODYNAMIC PROPERTIES OF HYDROGEN FROM ROOM TEMPERATURE TO 100,000 DEG K	1962
19620000030	A PARAMETRIC STUDY OF THE THERMIONIC DIODE SYSTEM FOR LARGE NUCLEAR-ELECTRIC POWERPLANTS IN SPACE VEHICLES	1962
19620000031	THE PROBLEM OF NITROGEN PEROXIDE IN THE ATMOSPHERES OF PLANETS	1962
19620000032	A DEVELOPMENT OF THE LUNAR AND SOLAR DISTURBING FUNCTIONS FOR A CLOSE SATELLITE	1962
19620000033	THE COORDINATE-TRANSFORMATION EQUATIONS FOR A PILOTED FLIGHT SIMULATOR WITH SEVERAL DEGREES OF FREEDOM	1962
19620000034	INVESTIGATION OF A 10-CENTIMETER-DIAMETER ELECTRONBOMBARDMENT ION ROCKET	1962
19620000035	ON THE ELECTRON DENSITY DISTRIBUTION ABOVE THE F2 PEAK	1962
19620000036	EXPERIMENTAL STUDY OF EFFECTS OF GEOMETRIC VARIABLES ON PERFORMANCE OF CONTOURED ROCKET-ENGINE EXHAUST NOZZLES	1962
19620000037	AN EMPIRICAL RELATION FOR PREDICTING VOID FRACTION WITH TWO-PHASE, STEAM-WATER FLOW	1962
19620000038	WIND-TUNNEL INVESTIGATION OF THE STATIC AND DYNAMIC STABILITY CHARACTERISTICS OF A 10 DEG SEMIVERTEX ANGLE BLUNTED CONE	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
1962000039	Comparison of two maneuvers for longitudinal range control during atmosphere	1962
1962000040	A preliminary piloted simulator and flight study of height control requirements for vtol aircraft	1962
1962000041	Microwave interferometer measurements of electron-ion recombination in nitrogen, air, and argon	1962
1962000042	A DIGITAL COMMAND SYSTEM FOR SATELLITES	1962
1962000043	Flight Flutter Results for Flat Rectangular Panels	1962
1962000044	SUMMARY OF FLIGHT-TEST RESULTS OF THE VZ-2 TILT-WING AIRCRAFT	1962
1962000059	BREATHING VIBRATIONS OF A CIRCULAR CYLINDRICAL SHELL CONTAINING AN INTERNAL LIQUID	1962
1962000061	AN ANALYTICAL INVESTIGATION OF THE LOADS, TEMPERATURE, AND RANGES OBTAINED DURING THE RECOVERY OF ROCKET BOOSTERS BY MEANS OF A PARAWING	1962
1962000062	AN EXPLORATORY INVESTIGATION OF JET-BLAST EFFECTS ON A DUST-COVERED SURFACE AT LOW AMBIENT PRESSURE	1962
1962000063	A STUDY OF THE OPTIMUM VELOCITY CHANGE TO INTERCEPT AND RENDEZVOUS	1962
1962000064	INVESTIGATION OF TAPERED CIRCULAR REINFORCEMENTS AROUND CENTRAL HOLES IN FLAT SHEETS UNDER BIAXIAL LOADS IN THE ELASTIC RANGE	1962
1962000065	INVESTIGATION OF CIRCULAR REINFORCEMENTS OF RECTANGULAR CROSS SECTION AROUND CENTRAL HOLES IN FLAT SHEETS UNDER BIAXIAL LOADS IN THE ELASTIC RANGE	1962
1962000070	EXPLORATORY TESTS OF THE EFFECTS OF JET PLUMES ON THE FLOW OVER CONE-CYLINDER-FLARE BODIES	1962
1962000073	Ionospheric Electron Content and Variations Measured by Doppler Shifts in Satellite Transmissions	1962
1962000076	MEASUREMENTS OF TOTAL EMITTANCE OF SEVERAL REFRACTORY OXIDES, CERMETS, AND CERAMICS FOR TEMPERATURES FROM 600 DEG F TO 2000 DEG F	1962
1962000077	TRANSONIC FLUTTER TESTS OF A HIGHLY SWEEPED ARROW WING WITH AND WITHOUT SIMULATED TRAILING-EDGE-MOUNTED ENGINE MASSES	1962
1962000078	MODEL INVESTIGATION OF THE LANDING CHARACTERISTICS OF A REENTRY SPACECRAFT WITH A VERTICAL-CYLINDER AIR BAG FOR LOAD ALLEVIATION	1962
1962000079	DETERMINATIONS OF LOCAL AND INSTANTANEOUS COMBUSTION CONDITIONS FROM ACOUSTIC MEASUREMENTS IN A ROCKET COMBUSTOR AND COMPARISON WITH OVERALL PERFORMANCE	1962
1962000080	DETERMINATION OF NUCLEAR-ROCKET POWER LEVELS FOR UNMANNED MARS VEHICLES STARTING FROM ORBIT ABOUT EARTH	1962
1962000081	Analysis of Liquid-Hydrogen Storage Problems for Unmanned Nuclear-Powered Mars Vehicles	1962
1962000082	ANALYSIS, FEASIBILITY, AND WALL-TEMPERATURE DISTRIBUTION OF A RADIATION-COOLED NUCLEAR-ROCKET NOZZLE	1962
1962000083	IN-FLIGHT NOISE MEASUREMENTS FOR THREE PROJECT MERCURY VEHICLES. MERCURY VEHICLES	1962
1962000084	COEFFICIENTS OF FRICTION AND WEAR CHARACTERISTICS FOR SKIDS MADE OF VARIOUS METALS ON CONCRETE, ASPHALT, AND LAKEBED SURFACES	1962
1962000085	THE DESIGN AND OPERATION OF A CONTINUOUS-FLOW ELECTRODELESS PLASMA ACCELERATOR	1962
1962000086	EFFECT OF GEOMETRIC PARAMETERS ON THE STATIC PERFORMANCE OF AN ANNULAR NOZZLE WITH A CONCAVE CENTRAL BASE	1962
1962000087	TRANSONIC PRESSURE DISTRIBUTIONS ON THREE RIGID WINGS SIMULATING PARAGLIDERS WITH VARIED CANOPY CURVATURE AND LEADING-EDGE SWEEP	1962
1962000088	EXPERIMENTAL SEPARATION STUDIES FOR TWO-DIMENSIONAL WEDGES AND CURVED SURFACES AT MACH NUMBERS OF 4.8 TO 6.2	1962
1962000089	AERODYNAMICS-DERIVATIVE CHARACTERISTICS OF THE X-15 RESEARCH AIRPLANE AS DETERMINED FROM FLIGHT TESTS FOR MACH NUMBERS FROM 0.6 TO 3.4	1962
1962000090	A STUDY OF GUIDANCE SENSITIVITY FOR VARIOUS LOW-THRUST TRANSFERS FROM EARTH TO MARS	1962
1962000091	EVALUATION OF A HOLLOW, CYLINDRICAL, CONTACT-ION SOURCE	1962
1962000092	THEORETICAL FLUTTER ANALYSIS OF FLAT RECTANGULAR PANELS IN UNIFORM COPLANAR FLOW WITH ARBITRARY DIRECTION	1962
1962000093	SOME STUDIES OF LIQUID ROTATION AND VORTEXING IN ROCKET PROPELLANT TANKS	1962
1962000094	GOVERNMENT-INDUSTRY CONFERENCE ON MERCURY CONDENSING	1962
1962000096	CLEVELAND. BASE-FLOW AERODYNAMICS OF A SATURN-TYPE BOOSTER STAGE AT MACH NUMBERS 0.1 TO 2.0	1962
1962000097	CLEVELAND. THE PRODUCTION OF SUBMICRON METAL POWDERS BY BALL MILLING WITH GRINDING AIDS	1962
1962000098	ANALYSIS OF TWO THRUSTING TECHNIQUES FOR SOFT LUNAR LANDINGS STARTING FROM A 50-MILE ALTITUDE CIRCULAR ORBIT	1962
1962000099	A BRIEF EVALUATION OF HELICOPTER WAKE AS A POTENTIAL OPERATIONAL HAZARD TO AIRCRAFT	1962
1962000100	ANALYSIS OF SOLAR-RADIATION SHIELDS FOR TEMPERATURE CONTROL OF SPACE VEHICLES SUBJECTED TO LARGE CHANGES IN SOLAR ENERGY	1962
1962000101	COMPUTATIONAL PROCEDURE FOR VINTI'S THEORY OF AN ACCURATE INTERMEDIARY ORBIT	1962
1962000102	A TIME SHARING SWITCH FOR SPACECRAFT TELEMETRY SYSTEMS	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620000103	INVESTIGATION OF THE PERFORMANCE OF A 78 DEG FLAT-PLATE HELICAL INDUCER	1962
19620000104	CHARACTERISTICS OF THREE PRECISION CIRCULUNAR TRAJECTORIES FOR THE YEAR 1968	1962
19620000105	A STUDY OF THE AERODYNAMIC CHARACTERISTICS OF A FIXED GEOMETRY PARAGLIDER CONFIGURATION AND THREE CANOPIES WITH SIMULATED VARIABLE CANOPY INFLATION AT A MACH NUMBER OF 6.6	1962
19620000106	AN INVESTIGATION OF PERIODIC FORCES AND MOMENTS TRANSMITTED TO THE HUB OF FOUR LIFTING ROTOR CONFIGURATIONS	1962
19620000229	Results of the First U.S. Manned Orbital Space Flight, February 20, 1962	1962
19620000230	OPERATIONAL REQUIREMENTS AND PLANS	1962
19620000231	SPACECRAFT AND SPACECRAFT SYSTEMS	1962
19620000232	LIFE SUPPORT SYSTEMS AND BIOMEDICAL INSTRUMENTATION	1962
19620000233	Launch-Complex Checkout and Launch-Vehicle Systems	1962
19620000234	SPACECRAFT PREPARATION AND CHECKOUT	1962
19620000235	Flight Control and Flight Plan	1962
19620000236	RECOVERY OPERATIONS	1962
19620000237	AEROMEDICAL PREPARATION AND RESULTS OF POSTFLIGHT MEDICAL EXAMINATIONS	1962
19620000238	PHYSIOLOGICAL RESPONSES OF THE ASTRONAUT	1962
19620000239	ASTRONAUT PREPARATION	1962
19620000240	PILOT PERFORMANCE	1962
19620000241	Pilot's Flight Report	1962
19620000242	SUMMARY OF RESULTS	1962
19620000275	A METHOD FOR CALCULATING THE GENERALIZED AERODYNAMIC FORCES ON RECTANGULAR WINGS DEFORMING SYMMETRICALLY IN SUPERSONIC FLIGHT WITH INDICIAL OR SINUSOIDAL TIME DEPENDENCE	1962
19620000277	PRELIMINARY STUDIES OF MANNED SATELLITES, WINGLESS CONFIGURATION- NONLIFTING	1962
19620000278	OPTIMAL FILTERING AND LINEAR PREDICTION APPLIED TO A MIDCOURSE NAVIGATION SYSTEM FOR THE CIRCULUNAR MISSION	1962
19620000284	The Lewis Number	1962
19620000335	THE APPEARANCE OF COMPENSATORY NYSTAGMUS IN HUMAN SUBJECTS AS A CONDITIONED RESPONSE DURING ADAPTATION TO A CONTINUOUSLY ROTATING ENVIRONMENT	1962
19620000349	Experiments on the Interaction of Secondary Injectants and Rocket Exhaust for Thrust Vector Control	1962
19620000369	SUMMARY REPORT ON A REVIEW OF BIOLOGICAL MECHANISMS FOR APPLICATION TO INSTRUMENT DESIGN	1962
19620000377	Experimental observations of aerodynamic and heating test on insulating heat shields	1962
19620000473	CELESTIAL GEODESY	1962
19620000474	SUN TRACKING BY THE MINITRACK NETWORK STATIONS	1962
19620000476	Human Pilots Dynamic-Response Characteristics Measured in Flight and on a Nonmoving Simulator	1962
19620000477	TRACKING OF CYGNUS A AND CASSIOPEIA A BY THE NASA 108-MC MINITRACK SYSTEM	1962
19620000517	PAPERS ON ANALYSIS OF ORBITS	1962
19620000585	Mission Planning and Operational Procedures for the X-15 Airplane	1962
19620000587	X-15 AIRPLANE STABILITY AUGMENTATION SYSTEM	1962
19620000588	A THEORETICAL INVESTIGATION OF THE EFFECT OF CROSSCONTROL DERIVATIVES ON THE STABILITY CHARACTERISTICS OF AIRPLANES DESIGNED FOR FLIGHT AT HIGH MACH NUMBERS	1962
19620000589	A RIGIDLY FORCED OSCILLATION SYSTEM FOR MEASURING DYNAMIC-STABILITY PARAMETERS IN TRANSONIC AND SUPERSONIC WIND TUNNELS	1962
19620000590	AN EXPERIMENTAL TECHNIQUE FOR THE INVESTIGATION OF TIPOFF FORCES ASSOCIATED WITH STAGE SEPARATION OF MULTISTAGE ROCKET VEHICLES	1962
19620000592	Certain Problems Related to the Viscosity of Fused Metals	1962
19620000601	Jet Effects on Cylindrical Afterbodies Housing Sonic and Supersonic Nozzles which Exhaust Against a Supersonic Stream at Angles of Attack from 90 to 180	1962
19620000632	CERAMIC VACUUM ULTRAVIOLET ION CHAMBERS	1962
19620000633	AN ANALYTICAL STUDY OF ORBITAL RENDEZVOUS FOR LEAST FUEL AND LEAST ENERGY	1962
19620000634	SOME EFFECTS OF VARIATION OF HOT-PRESSING TEMPERATURE UPON THE AGGLOMERATION OF MGO IN A DISPERSION STRENGTHENED NICKEL-MGO ALLOY	1962
19620000636	MEASUREMENTS OF MOMENTUM TRANSFER FROM PLASTIC PROJECTILES TO MASSIVE ALUMINUM TARGETS AT SPEEDS UP TO 25,600 FEET PER SECOND	1962
19620000643	AN ADDITION TO THE YALE TABLES FOR THE DEVELOPMENT OF THE DISTURBING FUNCTION	1962
19620000644	FLIGHT-DETERMINED AERODYNAMIC-NOISE ENVIRONMENT OF AN AIRPLANE NOSE CONE UP TO A MACH NUMBER OF 2	1962
19620000646	THEORETICAL EVALUATION OF HYPERSONIC FORCES, MOMENTS, AND STABILITY DERIVATIVES FOR COMBINATIONS OF FLAT PLATES, INCLUDING EFFECTS OF BLUNT LEADING EDGES, BY NEWTONIAN IMPACT THEORY	1962
19620000666	EXPERIMENTAL INVESTIGATION OF EXHAUST DIFFUSERS FOR ROCKET ENGINES	1962
19620000669	Space Trajectories Program for the IBM 7090 Computer	1962
19620000685	Spaceborne Gas Chromatograph, Phase II	1962

Accession Number (DocID)	Title	Publication Year
19620000736	Perturbations of a Synchronous Satellite due to the Triaxiality of the Earth	1962
19620000757	VIDEO BANDWIDTH COMPRESSION	1962
19620000809	LAMINAR BOUNDARY LAYER BEHIND STRONG SHOCK MOVING WITH NONUNIFORM VELOCITY	1962
19620000813	ON THE DYNAMIC CHARACTERISTICS OF FREE-LIQUID JETS AND A PARTIAL CORRELATION WITH ORIFICE GEOMETRY	1962
19620000830	VAPORIZATION AND THERMIONIC EMISSION OF REFRACTORY MATERIALS.	1962
19620000842	Research in Liquid Dynamics in Missile Fuel Tanks	1962
19620000863	Dynamic Response of a Hydraulic Line	1962
19620000919	COMBINATIONS OF TEMPERATURE AND AXIAL COMPRESSION REQUIRED FOR BUCKLING OF A RING-STIFFENED CYLINDER	1962
19620000920	SUBSONIC WIND-TUNNEL INVESTIGATION OF ERRORS INDICATED BY TOTAL-PRESSURE TUBES IN THE FLOW FIELD OF A BODY SIMULATING THE NOSE OF THE X-15 RESEARCH AIRPLANE	1962
19620000921	A TABULATION OF SECTION AERODYNAMIC CHARACTERISTICS AT MACH NUMBERS OF 1.61 AND 2.01 FOR FOUR SWEEP WINGS HAVING THE SAME PLANFORM BUT DIFFERENT SURFACE SHAPES	1962
19620000922	THE STRUCTURE OF THE EXPLORER X MAGNETOMETER SPACE PROBE	1962
19620000997	PROGRAM FOR PARTICLES AND FIELDS RESEARCH IN SPACE	1962
19620000999	COMPATIBILITY OF SEVERAL PLASTICS AND ELASTOMERS WITH SODIUM, POTASSIUM, AND RUBIDIUM	1962
19620001000	AN INVESTIGATION OF THE EFFECTS OF THE TIME LAG DUE TO LONG TRANSMISSION DISTANCE UPON REMOTE CONTROL. PHASE II - VEHICLE EXPERIMENTS. PHASE III - CONCLUSIONS	1962
19620001001	RECEIVING SYSTEM DESIGN FOR THE ARRAYING OF INDEPENDENTLY STEERABLE ANTENNAS FOR DEEP SPACE COMMUNICATIONS	1962
19620001002	EXPERIMENTAL STUDY OF THE EFFECTS OF WEIGHTLESSNESS ON THE CONFIGURATION OF MERCURY AND ALCOHOL IN SPHERICAL TANKS	1962
19620001006	A WIDE APERTURE, HIGH DIRECTIVITY, SCANNED ANTENNA ARRAY	1962
19620001018	Screening Program on Superalloys for Trisonic Transport	1962
19620001053	ON THE TIME DEPENDENT EFFECTS OF SELF-ACTING GAS JOURNAL BEARINGS.	1962
19620001081	A New Form of Solid State Generator	1962
19620001084	MECHANISMS OF FRICTION AND WEAR BETWEEN SOLID SURFACES	1962
19620001085	Exploratory Study of Potassium and Sodium Superoxide for Oxygen Control in Manned Space Vehicles	1962
19620001094	Project Telescope: An Astrophysical Reconnaissance Satellite	1962
19620001097	AN ANALYTICAL TREND STUDY OF PROPELLER WHIRL INSTABILITY	1962
19620001098	THE MAGNETIC FIELD ON THE AXIS OF CIRCULAR CYLINDRICAL COILS	1962
19620001099	ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF FLUTTER AND DIVERGENCE OF SPRING MOUNTED CONE CONFIGURATIONS AT SUPERSONIC SPEEDS	1962
19620001100	THE DEVELOPMENT OF THE ELECTRIC FIELD METER FOR THE EXPLORER VIII SATELLITE 1960ZETA	1962
19620001101	CLEVELAND INCOMPRESSIBLE NONVISCOUS BLADE-TO-BLADE FLOW THROUGH A PUMP ROTOR WITH SPLITTER VANES	1962
19620001102	VELOCITY POTENTIAL AND FORCES ON OSCILLATING SLENDER BODIES OF REVOLUTION IN SUPERSONIC FLOW EXPANDED TO THE FIFTH POWER OF THE FREQUENCY	1962
19620001103	INVESTIGATION OF VORTEX MOVEMENTS ABOUT A WING IN INTERMEDIATE AND HIGH SUBSONIC FLOW UNDERGOING A LARGE ANGLE-OF-ATTACK CHANGE IN A BLAST-INDUCED GUST	1962
19620001104	LOW-SPEED AERODYNAMIC CHARACTERISTICS OF A CANARD AIRPLANE CONFIGURATION HAVING SPLIT FLAPS LOCATED AHEAD OF THE WING TRAILING EDGE AND LEADING- AND TRAILING-EDGE FLAPS ON THE CANARD CONTROL	1962
19620001105	HEAT TRANSFER TO 0 DEG AND 75 DEG SWEEP BLUNT LEADING EDGES IN FREE FLIGHT AT MACH NUMBERS FROM 1.90 TO 3.07	1962
19620001106	Heat Transfer and Pressure Distribution at Mach Number of 6.8 on Bodies with Conical Flares and Extensive Flow Separation	1962
19620001107	AN INVESTIGATION OF THE NORMAL-FORCE AND VORTEX-WAKE CHARACTERISTICS OF AN OGIVE-CYLINDER BODY AT SUBSONIC SPEEDS	1962
19620001108	ANALYTICAL INVESTIGATION OF THE SPIN AND RECOVERY CHARACTERISTICS OF A SUPERSONIC TRAINER AIRPLANE HAVING A 24 DEG SWEEP WING	1962
19620001109	Orbital Launch Operations. Jan. 1962. 7 Volumes	1962
19620001110	Orbital Launch Operations, Volume I, Summary	1962
19620001111	Orbital Launch Operations, Volume II, Communications and Telemetry	1962
19620001112	Orbital Launch Operations. Volume IV- Attitude Control	1962
19620001113	Orbital Launch Operations. Volume VII-Secondary Power	1962
19620001115	Orbital Launch Operations. Volume V - Communications, Attitude Control, and Secondary Power	1962
19620001123	INDUCTION FLOWMETER FOR DIELECTRIC FLUIDS - OPERATIONAL MODEL.	1962
19620001125	A Set of Two-Body Orbital Parameters Useful for Nearly Circular Orbits and Some Related Equations	1962
19620001126	Transient Pressure Measuring Methods: Transient Pressure Transducer Design and Evaluation	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620001130	RESEARCH ON ZERO-GRAVITY EXPULSION TECHNIQUES.	1962
19620001147	INSTRUMENTATION OF THE IONOSPHERE DIRECT MEASUREMENTS SATELLITE EXPLORER VIII	1962
19620001148	THE ARCTIC METEOROLOGY PHOTO PROBE	1962
19620001149	EFFECTS OF CONSTITUENT PARTICLES ON THE NOTCHSENSITIVITY AND FATIGUE-CRACK-PROPAGATION CHARACTERISTICS OF ALUMINUM-ZINC-MAGNESIUM ALLOYS	1962
19620001151	HIGH-TEMPERATURE TENSILE AND STRESS-RUPTURE PROPERTIES OF SOME ALLOYS IN THE TUNGSTEN-MOLYBDENUM SYSTEM	1962
19620001152	INVESTIGATION OF THE STATIC LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF A 1/10-SCALE MODEL OF THE BLUE SCOUT JR. AT MACH NUMBERS FROM 0.40 TO 1.03	1962
19620001153	EXPERIMENTAL INVESTIGATION OF OSCILLATORY AERODYNAMIC FORCES, MOMENTS, AND PRESSURES ACTING ON A TAPERED WING OSCILLATING IN PITCH AT MACH NUMBERS FROM 0.40 TO 1.07	1962
19620001154	DESIGN OF THE NASA LIGHTWEIGHT INFLATABLE SATELLITES FOR THE DETERMINATION OF ATMOSPHERIC DENSITY AT EXTREME ALTITUDES	1962
19620001155	PRESSURE MEASUREMENTS ON TWO 60 DEG SWEEPED DELTA WINGS WITH BLUNT LEADING EDGES AND DIHEDRAL ANGLES OF 0 DEG AND 45 DEG AT A MACH NUMBER OF 4.95	1962
19620001156	EFFECTS OF FOREBODY LENGTH ON THE STABILITY AND CONTROL CHARACTERISTICS AT A MACH NUMBER OF 2.01 OF A CANARD AIRPLANE CONFIGURATION WITH A TRAPEZOIDAL ASPECT-RATIO-3-WING	1962
19620001157	AERODYNAMIC CHARACTERISTICS IN PITCH OF SEVERAL RINGWING-BODY CONFIGURATIONS AT A MACH NUMBER OF 2.2	1962
19620001158	THEORY OF HIGH-SPEED-IMPACT ATTENUATION BY GAS BAGS	1962
19620001159	SURVEY AND FUTURE TRENDS OF GRAPHITE TECHNOLOGY	1962
19620001163	APPLIED RESEARCH CONCERNING ARTIFICIAL PHOTOSYNTHESIS	1962
19620001167	Thermo-Mechanical Analysis of Structural Joint Study	1962
19620001169	LOW-LEVEL WIND PROFILE PREDICTION TECHNIQUES.	1962
19620001170	RESEARCH ON PLASMA BOUNDARY STUDIES.	1962
19620001171	INFORMATION FURNISHED BY STATES LAUNCHING OBJECTS INTO ORBIT OR BEYOND IN CONFORMITY WITH GENERAL ASSEMBLY RESOLUTION 1721 B /XVI/	1962
19620001173	A CASE STUDY OF SEVERE CLEAR-AIR TURBULENCE.	1962
19620001174	ON THE NATURE OF CLEAR-AIR TURBULENCE CAT . PART I. A PHOTOGRAMMETRIC STUDY OF CLOUD STRUCTURE ASSOCIATED WITH CLEAR-AIR TURBULENCE. PART II- ON THE NATURE OF CLEAR-AIR TURBULENCE CAT .	1962
19620001178	SOLUTION OF MAXWELL'S EQUATIONS IN A MAGNETO-IONIC MEDIUM WITH SOURCES.	1962
19620001266	A MONTE CARLO STUDY OF RESONANCE ESCAPE PROBABILITY IN HETEROGENEOUS SLAB LATTICES CONTAINING RESONANT ABSORBERS AND SCATTERERS	1962
19620001267	STATIC AERODYNAMIC CHARACTERISTICS OF A TWO-STAGE AND A THREE-STAGE ROCKET VEHICLE AT MACH NUMBERS FROM 1.47 TO 4.63	1962
19620001268	A MATRIX METHOD FOR THE DETERMINATION OF THE NATURAL VIBRATIONS OF FREE-FREE UNSYMMETRICAL BEAMS WITH APPLICATION TO LAUNCH VEHICLES	1962
19620001270	Research in Space Science. Catalogue of Satellite Observations No. C-25	1962
19620001288	Extended Functional Variation	1962
19620001290	STABILIZATION AND CONTROL SYSTEM FOR THE NIMBUS WEATHER SATELLITE	1962
19620001435	X-15 Quarterly Report	1962
19620001444	A Study of Rocket Engine System Reliability. Liquid Rocket Plant Staff. Appendix-Reliability Analysis of Hybrid-Propulsion System	1962
19620001486	The Astronomical Unit Determined by Radar Reflections from Venus	1962
19620001489	THEORETICAL INVESTIGATION OF EFFECTS OF CHANGES IN COMMAND COMPUTATIONS AND FILTER LOCATION ON RESPONSE OF AN AUTOMATICALLY CONTROLLED INTERCEPTOR DURING THE ATTACK PHASE	1962
19620001490	IDEAL-GAS TABLES FOR HELIUM FLOW IN THE MACH NUMBER RANGE FROM 40 TO 100	1962
19620001491	FLIGHT CALIBRATIONS OF FUSELAGE STATIC-PRESSURE-VENT INSTALLATIONS FOR THREE TYPES OF TRANSPORTS	1962
19620001492	EFFECTS OF SIMULATED RETROROCKETS ON THE AERODYNAMIC CHARACTERISTICS OF A BODY OF REVOLUTION AT MACH NUMBERS FROM 0.25 TO 1.90	1962
19620001493	MEASURED STEADY-STATE PERFORMANCE OF WATER VAPOR JETS FOR USE IN SPACE VEHICLE ATTITUDE CONTROL SYSTEMS	1962
19620001499	FISSION-FRAGMENT ENERGY LOSS FROM VORTEX TUBES	1962
19620001501	THE PIONEER IV LUNAR PROBE- A MINIMUM-POWER FM PM SYSTEM DESIGN	1962
19620001504	AN EXPERIMENTAL INVESTIGATION OF A GAS-PARTICLE SYSTEM	1962
19620001505	MECHANISMS FOR VIBRATIONAL RELAXATION AT HIGH TEMPERATURES.	1962
19620001522	Cavitation Damage Tests with Water in a Cavitating Venturi	1962
19620001523	Theory of Current Collection of Moving Spherical Probes	1962
19620001546	ATTITUDE STABILITY AND MOTIONS OF PASSIVE, GRAVITYORIENTED SATELLITES	1962
19620001551	Cyclotron Resonance Propulsion System	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620001561	Radiative Temperature Distribution in a Planetary Atmosphere	1962
19620001647	THE METEORITIC HAZARD OF THE ENVIRONMENT OF A SATELLITE	1962
19620001649	AXIAL-LOAD FATIGUE TESTS USING LOADING SCHEDULES BASED ON MANEUVER-LOAD STATISTICS	1962
19620001650	INVESTIGATION OF THE RESPONSE OF MULTIWEB BEAMS TO STATIC AND DYNAMIC LOADING	1962
19620001651	PRESSURE DISTRIBUTIONS AT MACH NUMBER 2.05 ON A SERIES OF HIGHLY SWEPT ARROW WINGS EMPLOYING VARIOUS DEGREES OF TWIST AND CAMBER	1962
19620001665	THERMAL DESIGN OF EXPLORER XIII MICROMETEOROID SATELLITE	1962
19620001666	MEASUREMENTS OF FLOW DURATION IN A LOW-PRESSURE SHOCK TUBE	1962
19620001667	SECONDARY FLOW FIELDS EMBEDDED IN HYPERSONIC SHOCK LAYERS	1962
19620001674	Research in Space Science. Catalogue of Satellite Observations No. C-26	1962
19620001681	CONSTANT AMPLITUDE FATIGUE CHARACTERISTICS OF A VERTICAL TAIL FOR A TYPICAL FIGHTER AIRPLANE. WEPTASK PROBLEM ASSIGNMENT NO. 1-23-24	1962
19620001689	A FLIGHT DETERMINATION OF THE ATTITUDE CONTROL POWER AND DAMPING REQUIREMENTS FOR A VISUAL HOVERING TASK IN THE VARIABLE STABILITY AND CONTROL X-14A RESEARCH VEHICLE	1962
19620001690	EXPERIMENTAL INVESTATION OF LITHIUM HYDRIDE AS A HEAT-SINK MATERIAL	1962
19620001710	Surface Properties of the Moon	1962
19620001727	Thrust Vector Control System Utilizing an Adverse Pressure Gradient in the Nozzle	1962
19620001755	ENERGY-EQUATION APPROXIMATIONS IN FLUID MECHANICS	1962
19620001770	A Generalized Mission Description for Manned Space Flight	1962
19620001773	ELECTRODE CONFIGURATIONS FOR A WIND-TUNNEL HEATER INCORPORATING THE MAGNETICALLY SPUN ELECTRIC ARC	1962
19620001774	UNIFIED NOTCH-STRENGTH ANALYSIS FOR WROUGHT ALUMINUM ALLOYS	1962
19620001775	INDUCED PRESSURES ON CYLINDRICAL RODS WITH VARIOUS NOSE DRAGS AND NOSE SHAPES AT MACH NUMBERS OF 17 AND 21	1962
19620001776	SMOOTH AND SHARP-NOTCH PROPERTY VARIATIONS FOR SEVERAL HEATS OF TI-6AL-4V SHEET AT ROOM AND CRYOGENIC TEMPERATURES	1962
19620001777	FREE-FLIGHT MEASUREMENTS OF THE STATIC AND DYNAMIC STABILITY AND DRAG OF A 10 DEG BLUNTED CONE AT MACH NUMBERS 3.5 AND 8.5	1962
19620001780	INVESTIGATION OF BOUNDARY LAYER TRANSITION.	1962
19620001805	Flight Report Vehicle 317/2020/3020 Delta Program - Mission No. 7 Tiros D Payload	1962
19620001876	BIFURCATION OF THE OUTER VAN ALLEN BELT AND RELATED AURORAL PHENOMENA	1962
19620001877	DENSITY OF SOLUTIONS OF AMMONIUM NITRATE AND TETRAMETHYLAMMONIUM NITRATE IN NITRIC ACID	1962
19620001974	Electron Temperature Evidence for Nonthermal Equilibrium in the Ionosphere	1962
19620002049	Elevated Temperature Stress Corrosion of High Strength Sheet Materials in the Presence of Stress Concentrators	1962
19620002104	INVESTIGATION OF FORCED-CONVECTION NUCLEATE BOILING OF WATER FOR NOZZLE COOLING AT VERY HIGH HEAT FLUXES	1962
19620002105	IMPORTANT RESEARCH PROBLEMS IN MISSILE AND SPACECRAFT STRUCTURAL DYNAMICS, 1961	1962
19620002106	MOTIONS OF A SHORT 10 DEG BLUNTED CONE ENTERING A MARTIAN ATMOSPHERE AT ARBITRARY ANGLES OF ATTACK AND ARBITRARY PITCHING RATES	1962
19620002107	STATIC AERODYNAMIC CHARACTERISTICS OF SHORT BLUNT CONES WITH VARIOUS NOSE AND BASE CONE ANGLES AT MACH NUMBERS FROM 0.6 TO 5.5 AND ANGLES OF ATTACK TO 180 DEG	1962
19620002108	STRESS DISTRIBUTION ABOUT A SLOWLY GROWING CRACK DETERMINED BY THE PHOTOELASTIC COATING METHOD	1962
19620002140	AN ATLAS OF SELECTED VLF SPECTRA FROM BYRD STATION, ANTARCTICA	1962
19620002151	Vortex-Tube and Regenerative-Cooling-Tube Parameters for Gaseous Fission Reactors	1962
19620002153	Experimental Investigation and Empirical Correlation of Local Heat-Transfer Rates in Rocket-Engine Thrust Chambers	1962
19620002163	THREE-DIMENSIONAL SPHERE-OF-INFLUENCE ANALYSIS OF INTERPLANETARY TRAJECTORIES TO MARS	1962
19620002164	FEASIBILITY STUDY OF A CIRCUMLUNAR PHOTOGRAPHIC EXPERIMENT	1962
19620002165	THE PREDICTION AND MEASUREMENT OF NATURAL VIBRATIONS ON MULTISTAGE LAUNCH VEHICLES	1962
19620002167	VERTICAL CROSS SECTIONS OF THE IONOSPHERE ACROSS THE GEOMAGNETIC EQUATOR	1962
19620002171	Research Summary No. 36-13	1962
19620002172	SPACE PROGRAMS SUMMARY NO. 37-14, VOLUME I FOR THE PERIOD JAN. 1, 1962 TO MAR. 1, 1962	1962
19620002191	THE DESIGN OF VARIOUS TYPES OF AIR BEARINGS FOR SIMULATING FRICTIONLESS ENVIRONMENTS	1962
19620002192	LONG PERIOD EFFECTS OF THE ELLIPTICITY OF THE EARTH'S EQUATOR ON THE MOTION OF ARTIFICIAL SATELLITES	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620002193	THE PERFORMANCE OF ABLATIVE MATERIALS IN A HIGHENERGY, PARTIALLY DISSOCIATED, FROZEN NITROGEN STREAM	1962
19620002194	DIVISION OF AERODYNAMIC LOADS ON A SEMISPAN TILTINGDUCTED-PROPELLER MODEL IN HOVERING AND TRANSITION FLIGHT	1962
19620002196	STATISTICAL STUDY OF EFFECTS OF INSERTION ERRORS ON ASCENT TRAJECTORIES FOR LUNAR MISSIONS	1962
19620002197	PRELIMINARY RESULTS OF RADIATION MEASUREMENTS FROM THE TIROS III METEOROLOGICAL SATELLITE	1962
19620002277	Space Programs Summary No. 37-13, Volume I for the Period November 1, 1961 to January 1, 1962	1962
19620002323	DETERMINING INERTIAS BY USING THE AMPLITUDE DECAY RATE OF A MECHANICAL OSCILLATING SYSTEM	1962
19620002324	THE RESULTS OF EMITTANCE MEASUREMENTS MADE IN RELATION TO THE THERMAL DESIGN OF EXPLORER SPACECRAFT	1962
19620002326	SERVO LOOP DESIGN FOR AIR BEARING INERTIAL COMPONENTS	1962
19620002327	AN EXPERIMENTAL STUDY OF THE EFFECT OF DOWNWASH FROM A TWIN-PROPELLER VTOL AIRCRAFT ON SEVERAL TYPES OF GROUND SURFACES	1962
19620002328	RE-ENTRY GLIDE MANEUVERS FOR RECOVERY OF A WINDED FIRST-STAGE ROCKET BOOSTER	1962
19620002329	ESTIMATION OF CRITICAL TEMPERATURE FOR SURFACE ION CURRENTS FROM ELECTRON EMISSION DATA	1962
19620002344	EXPERIMENTAL INVESTIGATION OF STRESS DISTRIBUTIONS NEAR ABRUPT CHANGE IN WALL THICKNESS IN THIN-WALLED PRESSURIZED CYLINDERS	1962
19620002345	SCIENTIFIC SATELLITES AND THE SPACE ENVIRONMENT	1962
19620002346	EARTH SCAN ANALOG SIGNAL RELATIONSHIPS IN THE TIROS RADIATION EXPERIMENT AND THEIR APPLICATION TO THE PROBLEM OF HORIZON SENSING	1962
19620002347	SPUTTERING OF A VEHICLE'S SURFACE IN A SPACE ENVIRONMENT	1962
19620002348	STABILITY OF THREE-DIMENSIONAL COMPRESSIBLE BOUNDARY LAYERS	1962
19620002349	FORCE-TEST INVESTIGATION OF A MODEL OF AN AERIAL VEHICLE SUPPORTED BY FOUR UNSHROUDED PROPELLERS	1962
19620002350	FLIGHT-TEST INVESTIGATION OF A MODEL OF AN AERIAL VEHICLE SUPPORTED BY FOUR UNSHROUDED PROPELLERS	1962
19620002351	EFFECTS OF SUCTION BOUNDARY-LAYER CONTROL ON THE PERFORMANCE OF A SHORT ANNULAR DIFFUSER WITH AN UPSTREAM TERMINAL NORMAL SHOCK	1962
19620002352	ATOMIC OXYGEN AND NITROGEN DENSITY MEASUREMENTS WITH EPR	1962
19620002354	SIMULATION OF CONVECTIVE AND RADIATIVE ENTRY HEATING	1962
19620002357	Heat Transfer from Cylinders	1962
19620002382	PROPELLER-NACELLE WHIRL FLUTTER	1962
19620002456	V STOL HANDLING QUALITIES AS DETERMINED BY FLIGHT TEST AND SIMULATION TECHNIQUES	1962
19620002462	Manned Space Vehicles	1962
19620002471	INVESTIGATION OF BOUNDARY LAYER TRANSITION.	1962
19620002472	The United States Space Program	1962
19620002477	Compressive Stability of Orthotropic Cylinders	1962
19620002480	Influence of Sustained Accelerations on Certain Pilot-Performance Capabilities	1962
19620002481	Experimental Investigation of the Air-Helium Simulation Problem on Various General and Specific Configurations at Hypersonic Speeds	1962
19620002531	Perception of Angular Acceleration about the Yaw Axis of a Flight Simulator: Thresholds and Reaction Latency for Research Pilots	1962
19620002545	Erectable Space Structures - Echo Satellites	1962
19620002597	AMORPHOUS PHOSPHATE COATINGS FOR THERMAL CONTROL OF ECHO II	1962
19620002650	PERFORMANCE EVALUATION OF A MERCURY-PROPELLANT FEED SYSTEM FOR A FLIGHT-MODEL ION ENGINE	1962
19620002651	AN ANALYTICAL AND EXPERIMENTAL EVALUATION OF A TWO-STAGE ANNULAR AIR EJECTOR FOR HIGH-ENERGY WIND TUNNELS	1962
19620002652	IMPACT CHARACTERISTICS OF VARIOUS MATERIALS OBTAINED BY AN ACCELERATION-TIME-HISTORY TECHNIQUE APPLICABLE TO EVALUATING REMOTE TARGETS	1962
19620002653	ELECTRON DIFFUSION IN A TURBULENT PLASMA	1962
19620002724	SMOKE-TRAIL MEASUREMENTS OF THE VERTICAL WIND PROFILE AND SOME APPLICATIONS	1962
19620002730	WIND DESIGN CRITERIA FOR THE SATURN VEHICLE	1962
19620002750	ULTRAVIOLET ASTRONOMICAL PHOTOMETRY FROM ROCKETS	1962
19620002751	DETERMINATION OF THE CREEP DEFLECTION AND LIFETIME OF ALUMINUM-ALLOY MULTIWEB BOX BEAMS SUBJECTED TO VARIED LOADS AT CONSTANT TEMPERATURE	1962
19620002752	ACOUSTIC PHENOMENA OBSERVED ON ROCKET-BORNE HIGH ALTITUDE EXPLOSIONS	1962
19620002753	SURVEY OF ENERGY-ABSORPTION DEVICES FOR SOFT LANDING OF SPACE VEHICLES	1962
19620002754	THE DETERMINATION OF ABLATIVE PROPERTIES OF MATERIALS IN FREE-FLIGHT RANGES	1962
19620002755	A TUNNEL-DIODE COUNTER FOR SATELLITE APPLICATIONS	1962
19620002798	SOLAR PROTON IMPACT ZONES	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620002799	THE EARTH'S FREE OSCILLATIONS	1962
19620002825	ABSORPTION AND EMISSION CHARACTERISTICS OF DIFFUSE SPHERICAL ENCLOSURES	1962
19620002826	EFFLUX OF THERMAL RADIATION FROM A CYLINDRICAL CAVITY IRRADIATED FROM AN EXTERNAL SOURCE	1962
19620002827	A CORRELATION FUNCTION DEFINITION OF SPECTRAL RESOLUTION	1962
19620002834	Some Abort Techniques and Procedures for Manned Spacecraft	1962
19620002841	Traveling Wave Plasma Engine Program at NASA Lewis Research Center	1962
19620002850	Analytic Space-Charge Flow and Theoretical Electrostatic Rocket Engine Performance	1962
19620002859	Cryogenic Propellant Tank Structures	1962
19620002871	THE X-Y ANTENNA MOUNT FOR DATA ACQUISITION FROM SATELLITES	1962
19620002872	AN EVALUATION OF A CESIUM ION ROCKET EMPLOYING A LARGE POROUS TUNGSTEN IONIZER	1962
19620002877	Discussion of ASME Paper No. 62-MET-4. "Cumulative Plastic Deformation in Rolling Contact," by G. J. Moyer and G. M. Sinclair	1962
19620002902	Safety in Space	1962
19620002910	LOW DENSITY SPHERE DRAG WITH EQUILIBRIUM AND NON-EQUILIBRIUM WALL TEMPERATURE	1962
19620002911	ON A FLEXIBLE IMPLEMENTATION OF DIGITAL COMPUTER ARITHMETIC	1962
19620002913	THE DOUBLE RESONANCE TECHNIQUES FOR THE DETERMINATION OF THE RELATIVE SIGNS OF SPIN-SPIN COUPLING CONSTANTS	1962
19620002914	A SUPERCONDUCTING CYCLIC FLUX PUMP	1962
19620002922	A TECHNIQUE FOR THE PRODUCTION OF LARGE MAGNETIC FIELDS USING SUPERCONDUCTORS	1962
19620002957	Design of Lunar and Interplanetary Ascent Trajectories	1962
19620002958	Experimental Study of a Compressible Viscous Vortex	1962
19620002969	THEORETICAL MODELS FOR THE SOLAR-CYCLE-VARIATION OF THE UPPER ATMOSPHERE	1962
19620002970	Time Dependent Structure of the Upper Atmosphere	1962
19620003074	Concept for a Manned Mars Expedition with Electrically Propelled Vehicles	1962
19620003101	NEW DEVELOPMENTS IN BIOCHEMISTRY	1962
19620003102	THE STATUS OF GEOPHYSICAL RESEARCH IN KAZAKHSTAN	1962
19620003104	Cybernetics and Automatic Control - USSR	1962
19620003110	Time Variations of Intensity in the Earth's Inner Radiation Zone, October 1959 Through December 1960	1962
19620003142	HEAT TRANSFER WITH LAMINAR AND TURBULENT FLOW BETWEEN PARALLEL PLANES WITH CONSTANT AND VARIABLE WALL TEMPERATURE AND HEAT FLUX	1962
19620003143	Heat Transfer with Turbulent Flow in Concentric and Eccentric Annuli with Constant and Variable Heat Flux	1962
19620003167	EXPERIMENTAL DETERMINATION OF STABILITY BOUNDARIES FOR AN EXTERNALLY PRESSURIZED, GAS-LUBRICATED THRUST BEARING. INTERIM REPT	1962
19620003223	In-Flight Generation of Fuel for Cesium Ion Engines- the Cesium Hydride System	1962
19620003227	An Automatic Temperature-Control System for Water-Cooled Strain-Gage Wind Tunnel Balances	1962
19620003228	APPLICATION OF HOT-WIRE TECHNIQUES IN UNSTEADY COMPRESSIBLE FLOWS	1962
19620003229	POTENTIAL-FLOW ANALYSIS OF UNSTEADY OUTFLOW FROM A TANK AND ITS EFFECT ON THE DYNAMICS OF A FLUID SYSTEM	1962
19620003230	A PULSED FREQUENCY MODULATION DECOMMUTATOR	1962
19620003231	CALCULATION OF THE ECLIPSE FACTOR FOR ELLIPTICAL SATELLITE ORBITS	1962
19620003267	Effects of Simulated Space Environment on the Viability of Microorganisms	1962
19620003288	SCOUT ST-1 FLIGHT-TEST RESULTS AND ANALYSES, LAUNCH OPERATIONS, AND TEST VEHICLE DESCRIPTION	1962
19620003291	Aerodynamic Heating And Boundary-Layer Transition On a 1/10-Power Nose Shape In Free Flight at Mach Numbers Up to 6.7 and Free-Stream Reynolds Numbers Up to 16×10^6	1962
19620003292	CONTRIBUTIONS TO THE 1961 KYOTO CONFERENCE ON COSMIC RAYS AND THE EARTH STORM, <SEPT. 4-15, 1961<	1962
19620003296	Mechanical Properties of Pyrolytic Graphite to 2800 C	1962
19620003355	Initial Stabilization of the Oao Spacecraft	1962
19620003366	A Contribution to the Theory of Deformations in Expandable Structures with a Particular Application to Toroidal Shells	1962
19620003416	Transient Aerodynamic Loading on Multi-Stage Missiles	1962
19620003430	Vaporization and Thermionic Emission of Refractory Materials	1962
19620003436	The Effect of Environment on the Behavior of Materials	1962
19620003439	A LIMIT ANALYSIS OF THE COLLAPSE OF HEXAGONAL CELL STRUCTURES UNDER AXIAL LOAD	1962
19620003440	EFFECT OF SURFACE DISTORTIONS ON THE HEAT TRANSFER TO A WING AT HYPERSONIC SPEEDS	1962
19620003441	DESIGN AND INITIAL OPERATION OF JPL 25-FT SIMULATOR	1962
19620003456	Stability of the Earth's Axis of Rotation and Phase Changes	1962
19620003478	Project Mercury Water Landing Problems	1962
19620003483	Experimental Determination of Signal-To-Noise Relationships in PCM/FM and PCM/PM Transmission	1962
19620003513	THE PHYSIOLOGICAL LIMITATIONS OF PERFORMANCE DURING ACCELERATION	1962
19620003515	Venus - a Chapter from Issledovaniye Fizicheskikh Uslovii Lunye I Planetakh (Investigations of the Physical Conditions of the Moon and Planets)	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620003517	ASPECTS OF SYNCHRONOUS COMMUNICATION SATELLITES	1962
19620003526	Optical Ellipticity and Internal Structure of Mars	1962
19620003555	Flight Data and Considerations of the Dynamic Response of Airplanes to Atmospheric Turbulence	1962
19620003599	CALCULATION OF DETONATION PROPERTIES AND EFFECT OF INDEPENDENT PARAMETERS ON GASEOUS DETONATIONS	1962
19620003606	THE MOBILITIES OF THE ALKALI METAL IONS IN THEIR OWN VAPOR	1962
19620003607	METHODS USED TO STUDY THE ABSORPTION, REFLECTION AND EMISSION OF INORGANIC SALTS ABOVE AND BELOW THE MELTING POINT	1962
19620003635	Statement of Morton J. Stoller, Director, Office of Applications, National Aeronautics and Space Administration, Before the Committee on Aeronautical and Space Sciences	1962
19620003659	Effects of Solar Plasma and Electromagnetic Radiation on Thin Films and Surfaces	1962
19620003661	A Seismometer for Ranger Lunar Landing	1962
19620003725	Meteorological Satellites	1962
19620003736	Opposite Relative Signs of Geminal and Vicinal Fluorine-Fluorine N.M.R. Coupling Constants in a Saturated Fluorocarbon by Double Resonance	1962
19620003753	EXPERIMENTAL INVESTIGATION OF THE EFFECT OF CONVECTIVE AND RADIATIVE HEAT LOADS ON THE PERFORMANCE OF SUBLIMING AND CHARRING ABLATORS	1962
19620003754	SOLAR PROTONS	1962
19620003755	STATISTICAL WIND DISTRIBUTION DATA FOR USE AT NASA Wallops Station	1962
19620003756	CURRENT ESTIMATES OF RADIATION DOSES IN SPACE	1962
19620003757	MEASUREMENT OF TOTAL NORMAL EMITTANCE OF BORON NITRIDE FROM 1,200 DEG F TO 1,900 DEG F WITH NORMAL SPECTRAL EMITTANCE DATA AT 1,400 DEG F	1962
19620003759	NONADIABATIC THEORY OF ELECTRON-HYDROGEN SCATTERING	1962
19620003766	Biochemical Study of Mixed Culture Prototype in a Closed Ecological System	1962
19620003773	CONCEPTUAL DESIGN STUDY OF A MULTIPURPOSE AEROSPACE TEST FACILITY	1962
19620003774	CAPE CANAVERAL WIND AND SHEAR DATA /1 THROUGH 80 KM/ FOR USE IN VEHICLE DESIGN AND PERFORMANCE STUDIES	1962
19620003775	GROUND FACILITY REQUIREMENTS FOR SUBCOOLING LIQUID HYDROGEN	1962
19620003827	Influence of Drag During Boost on Rocket Vehicle Performance	1962
19620003847	Radio Astronomy Experiments from Satellites and Rockets	1962
19620003857	State-of-the-Art Survey of Superconductivity and Superconducting Electromagnets	1962
19620003861	Transient Times in Fission-Electric Power Elements	1962
19620003878	FLIGHT-TEST INVESTIGATION OF ALLERONS AS A SOURCE OF YAW CONTROL ON THE VZ-2 TILT-WING AIRCRAFT	1962
19620003879	A STELLAR MODEL OF MIXED OPACITY AND ITS VARIATIONS WITH THE MASS, CHEMICAL COMPOSITION, OPACITY COEFFICIENTS, AND ENERGYGENERATION COEFFICIENT	1962
19620003889	LUNAR STORAGE OF LIQUID PROPELLANTS	1962
19620003897	PERFORMANCE EVALUATION OF FIXED- AND VARIABLE-AREA ROCKET EXHAUST DIFFUSERS USING SINGLE AND CLUSTERED NOZZLES WITH AND WITHOUT GIMBALING	1962
19620003901	FLIGHT PERFORMANCE HANDBOOK FOR POWERED FLIGHT OPERATIONS, ANALYTIC APPROXIMATIONS AND GRAPHICAL AIDS	1962
19620003903	Spin and Exchange Correction to Plasma Dispersion Relations	1962
19620003914	SPACE PROGRAMS SUMMARY NO. 37-15, VOLUME VI FOR THE PERIOD MARCH 1, 1962 TO JUNE 1, 1962. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES	1962
19620003931	COMPARATIVE MEASUREMENTS OF SINGLY AND DOUBLY IONIZED MERCURY PRODUCED BY ELECTRON-BOMBARDMENT ION ENGINE	1962
19620003932	AN ANALYTICAL DETERMINATION OF TEMPERATURE OSCILLATIONS IN A WALL HEATED BY ALTERNATING CURRENT	1962
19620003933	EXPERIMENTAL INVESTIGATION OF WATER-ABSORBENT MATERIALS AS POSSIBLE HEAT SINKS FOR HYPERSONIC AND REENTRY VEHICLES	1962
19620003934	Design and Performance of a Liquid-Hydrogen, Liquid-Oxygen Gas Generator for Driving a 1000-Horsepower Turbine	1962
19620003935	RELATION BETWEEN THERMAL CONDUCTIVITY AND VISCOSITY FOR SOME NONPOLAR GASES	1962
19620003943	ANALYTICAL INVESTIGATION OF RECIRCULATION-PUMP AND RADIATORAREA REQUIREMENTS FOR FLASH VAPORIZATION IN A TURBOELECTRIC SPACE POWER SYSTEM	1962
19620003944	ANALYTICAL INVESTIGATION OF PERFORMANCE OF TWO-STAGE TURBINE OVER A RANGE OF RATIOS OF SPECIFIC HEATS FROM 1.2 TO 1 2/3	1962
19620003945	EMISSION SPECTRA FROM HIGH-PRESSURE HYDROGEN-OXYGEN COMBUSTION	1962
19620003946	TEMPERATURE CONTROL OF THE EXPLORER IX SATELLITE	1962
19620003947	NUMERICAL ANALYSIS OF THE TRANSIENT RESPONSE OF ADVANCED THERMAL PROTECTION SYSTEMS FOR ATMOSPHERIC ENTRY	1962
19620003956	A PRELIMINARY STUDY OF SOME PERIODIC ORBITS FOR MOON PROBES	1962
19620003979	FLUTTER OF AERODYNAMICALLY HEATED ALUMINUM-ALLOY AND STAINLESSSTEEL PANELS WITH LENGTH-WIDTH RATIO OF 10 AT MACH NUMBER OF 3.0	1962
19620003994	EXPERIMENTAL HYPERVELOCITY IMPACT CRATERS IN ROCK	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620004011	The Effect of Contract Angle on Rolling-Contact Fatigue and Bearing Load Capacity	1962
19620004020	Observations and Measurements of Flow in a Cavitating Venturi	1962
19620004022	Fundamental Atom Chemistry with Applications to the Chemistry of the Upper Atmosphere	1962
19620004062	TIME-DEPENDENT STRUCTURE OF THE UPPER ATMOSPHERE	1962
19620004064	APPROXIMATE ANALYSIS OF G LOADS AND HEATING DURING ATMOSPHERIC ENTRIES AND PASSES WITH CONSTANT AERODYNAMIC COEFFICIENTS	1962
19620004065	ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF FORCES AND FREQUENCIES RESULTING FROM LIQUID SLOSHING IN A SPHERICAL TANK	1962
19620004066	APPROXIMATIONS FOR THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF HIGH-TEMPERATURE NITROGEN WITH SHOCK-TUBE APPLICATIONS	1962
19620004067	IGNITION OF A HYDROGEN-OXYGEN ROCKET ENGINE BY ADDITION OF FLUORINE TO THE OXIDANT	1962
19620004068	EXPERIMENTAL DAMPING OF LIQUID OSCILLATIONS IN A SPHERICAL TANK BY POSITIVE-EXPULSION BAGS AND DIAPHRAGMS	1962
19620004069	INVESTIGATION OF THE DAMPING OF LIQUIDS IN RIGHT-CIRCULAR CYLINDRICAL TANKS, INCLUDING THE EFFECTS OF A TIME-VARIANT LIQUID DEPTH	1962
19620004070	STUDY OF UMBRELLA-TYPE ERECTABLE PARABOLOIDAL SOLAR CONCENTRATORS FOR GENERATION OF SPACECRAFT AUXILIARY POWER	1962
19620004071	CORRECTION FOR ATMOSPHERIC REFRACTION AT THE NASA MINITRACK STATIONS	1962
19620004083	LARGE GROUND ANTENNAS	1962
19620004084	THE LAMINAR BOUNDARY LAYER ON A DISK OF FINITE RADIUS IN A ROTATING FLOW. PARTI-NUMERICAL INTEGRATION OF THE MOMENTUMINTEGRAL EQUATIONS AND APPLICATION OF THE RESULTS TO THE FLOW IN A VORTEX CHAMBER	1962
19620004085	DYNAMIC PENETRATION STUDIES IN CRUSHED ROCK UNDER ATMOSPHERIC AND VACUUM CONDITIONS	1962
19620004086	THE COMPOSITION OF GASES IN A TEKTITE BUBBLE	1962
19620004087	EXPERIMENTAL EVIDENCE FOR THE PRESENCE OF HELIUM IONS IN THE UPPER ATMOSPHERE BASED ON EXPLORER VIII SATELLITE DATA	1962
19620004088	HIGH-EFFICIENCY MODIFIED FRESNEL REFLECTORS FOR SOLAR-ENERGY CONCENTRATION	1962
19620004090	THE DISTRIBUTION OF SMALL INTERPLANETARY DUST PARTICLES IN THE VICINITY OF THE EARTH. C. E. MCCRACKEN AND	1962
19620004098	A Study of a Sinusoidally Perturbed Flow in a Line Including a 90 Deg Elbow with Flexible Supports	1962
19620004099	ANALYSIS OF MELTING BOUNDARY LAYERS ON DECELERATING BODIES	1962
19620004103	LIST OF SELECTED REFERENCES ON NASA PROGRAMS. PREPARED...BY THE SCIENCE AND TECHNOLOGY DIV. OF THE LIBRARY OF CONGRESS	1962
19620004104	Aeronautical and Astronautical Event of 1961	1962
19620004129	A Comparison of Higher-Order Difference Methods in the Solution of Beam-Vibration Problems	1962
19620004263	Display Requirements and Techniques for Space Navigation	1962
19620004264	Ninth Symposium (International) on Combustion - Abstract of Papers	1962
19620004265	Application of Mass Spectrometry to Structure Problems. VI. Nucleosides	1962
19620004323	STATIC LONGITUDINAL STABILITY AND PERFORMANCE OF SEVERAL BALLISTIC SPACECRAFT CONFIGURATIONS IN HELIUM AT A MACH NUMBER OF 24.5	1962
19620004324	EFFECTS OF ANGLE OF ATTACK AND THICKNESS RATIO ON THE FLUTTER OF A RIGID UNSWEPT DIAMOND-AIRFOIL-SECTION WING AT A MACH NUMBER OF 10.0	1962
19620004325	THERMODYNAMIC CONSISTENCY OF SOLUBILITY DATA FOR THE HYDROGENHELIUM VAPOR-LIQUID SYSTEM	1962
19620004332	A Design Study of Controllable Thrust Liquid Rocket Engines	1962
19620004346	HIGH-VACUUM CONDENSER DESIGN- EXPERIMENTAL EFFECTS FROM CESIUM AND MERCURY ION BEAMS. EDWARD A. RICHLEY AND RONALD	1962
19620004347	STARTING CONDITIONS FOR NONOSCILLATORY LOW-THRUST PLANET-ESCAPE TRAJECTORIES	1962
19620004360	Elimination of the Electromagnetic Potentials	1962
19620004369	Catalysis of Recombination in Nonequilibrium Nozzle Flows	1962
19620004430	COMPUTATION OF THE PERTURBATIONS OF NEARLY CIRCULAR ORBITS, USING A NON-SINGULAR SET OF VECTORIAL ELEMENTS	1962
19620004431	THE THEORETICAL ENTHALPY DISTRIBUTION OF AIR IN STEADY FLOW ALONG THE AXIS OF A DIRECT-CURRENT ELECTRIC ARC	1962
19620004433	PROGRESS REPORT ON RANGER	1962
19620004434	Man-to-the-Moon and Return Mission Utilizing Lunar-Surface Rendezvous	1962
19620004437	Saturn S-IV Spacecraft System	1962
19620004438	Design Considerations of Earth Landing Systems for a Manned Spacecraft	1962
19620004441	Saturn Ascending Phase Guidance and Control Techniques	1962
19620004444	Progress Report on the Saturn Program	1962
19620004458	Space Programs Summary No. 37-15, Volume IV for the Period April 1, 1962 to June 1, 1962. Supporting Research and Advanced Development	1962
19620004459	INTERNAL STRUCTURE OF THE MOON	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620004464	AN EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF THE NATURAL FREQUENCIES AND MODE SHAPES OF A FOUR-STAGE SOLID-PROPELLANT ROCKET VEHICLE	1962
19620004482	HUMAN CONTROL PERFORMANCE AND TOLERANCE UNDER SEVERE COMPLEX WAVE FORM VIBRATION, WITH A PRELIMINARY HISTORICAL REVIEW OF FLIGHT SIMULATION	1962
19620004493	NUMERICAL PREDICTIONS OF RADIATIVE INTERCHANGE BETWEEN CONDUCTING FINNS WITH MUTUAL IRRADIATIONS	1962
19620004501	MEASUREMENTS OF THE EFFECTIVE HEATS OF ABLATION OF TEFLON AND POLYETHYLENE AT CONVECTIVE HEATING RATES FROM 25 TO 420 BTU FT SUPER 2 SEC	1962
19620004517	Fifth Semiannual Report	1962
19620004622	The Large Attitude Motions and Stability, Due to Gravity, of a Satellite with Passive Damping in an Orbit of Arbitrary Eccentricity about an Oblate Body	1962
19620004623	Optimum Nonlinear Control for Step and Pulse Disturbances	1962
19620004625	Stability of Subharmonic Oscillations in Non-Linear Systems	1962
19620004626	Basic Studies in Space Vehicle Attitude Control	1962
19620004627	Nonequilibrium Gasdynamics Related to Propulsion Systems.	1962
19620004628	Influence of Surface Coatings on Exo-Electron Emission During Fatigue.	1962
19620004629	Meteorological Data Processing.	1962
19620004630	Material Evaluation for a Supersonic Transport Plane.	1962
19620004631	Effects of Simulated Space Environments on the Viability of Micro-Organisms.	1962
19620004632	Lifetimes of Outer-Zone Electrons and Their Precipitation into the Atmosphere	1962
19620004633	Solar Radio Noise. Part 1- Type II Bursts	1962
19620004635	Theoretical Study of Atomic and Molecular Gases and Their Reactions in the Upper Atmosphere.	1962
19620004636	Covariant Treatment of Linearized Magneto-Fluid Dynamic	1962
19620004637	Reflection of Circularly Polarized Radar Waves from a Very Rough Surface	1962
19620004639	Effect of Pressure on Metallurgical Phenomena	1962
19620004640	Material Evaluation for a Mach III Transport Plane	1962
19620004641	Evaluation of Infrared Spectrophotometry for Compositional Analysis of Lunar and Planetary Soils	1962
19620004689	THEORETICAL MODELS FOR THE SOLAR-CYCLE VARIATION OF THE UPPER ATMOSPHERE	1962
19620004699	Pilot's Flight Report	1962
19620004700	THE GRAVITATIONAL FIELD ENVIRONMENT OF AN EARTH SATELLITE	1962
19620004704	Observations of Large Scale Ionospheric Irregularities as Deduced from Satellite Information	1962
19620004720	NUCLEAR RADIATION TRANSFER AND HEAT DEPOSITION RATES IN LIQUID HYDROGEN	1962
19620004743	Use of the Tunnel Diode as a Memory Cell in Data Processing Systems	1962
19620004768	Economic Gains from Storm Warnings: Two Florida Case Studies	1962
19620004769	STUDIES FOR THE DESIGN OF AN ENGLISH COMMAND AND CONTROL LANGUAGE SYSTEM	1962
19620004775	Second Preliminary Report on Experiments Relating to the Lunar Surface- 1. Photometric Studies. 2. Proton Bombardment of Minerals	1962
19620004784	THE EARLY CHRONOLOGY OF THE SOLAR SYSTEM	1962
19620004788	EXPERIMENTAL STUDY OF AN OPTICAL CONTROL SYSTEM FOR ACHIEVING A SOFT PLANETARY LANDING	1962
19620004791	SYMPATHETIC DETONATION TESTING OF LOADED SERGEANT ROCKET MOTORS	1962
19620004795	Experiments on Axial Compressive General Instability of Monolithic Circumferentially Stiffened Circular Cylindrical Shells	1962
19620004819	AIR-PERFORMANCE EVALUATION OF A 4.0-INCH-MEAN-DIAMETER SINGLESTAGE TURBINE AT VARIOUS INLET PRESSURES FROM 0.14 TO 1.88 ATMOSPHERES AND CORRESPONDING REYNOLDS NUMBERS FROM 2500 TO 50,000	1962
19620004820	AN INVESTIGATION OF THE LIQUID LEVEL AT THE WALL OF A SPINNING TANK	1962
19620004821	INFLUENCE OF CERTAIN COMPOSITION AND FABRICATION VARIABLES ON THE STRESS-RUPTURE PROPERTIES OF A COBALT-BASE ALLOY CONSOLIDATED BY POWDER METALLURGY	1962
19620004822	PHYSIOLOGICAL SENSORS FOR USE IN PROJECT MERCURY	1962
19620004845	AN AUTOMATIC SYNTHESIS PROGRAM FOR OPTIMAL FILTERS AND CONTROL SYSTEMS.	1962
19620004859	STUDIES IN FAR-FIELD ACOUSTIC PROPAGATION	1962
19620004862	ANALYSIS OF FLUORINE GAS BY REACTION WITH MERCURY	1962
19620004863	Western Space Age Industries and Engineering Exposition and Conference	1962
19620004920	LOW-SPEED WIND-TUNNEL INVESTIGATION TO DETERMINE THE FLIGHT CHARACTERISTICS OF A MODEL OF A PARAWING UTILITY VEHICLE	1962
19620004921	TELEMETERING INFRARED DATA FROM THE TIROS METEOROLOGICAL SATELLITES	1962
19620004922	CRITICALITY EFFECTS OF CENTRALLY LOCATED TUBES AND RODS OF ALUMINUM, IRON, AND TUNGSTEN IN A HOMOGENEOUS REACTOR	1962
19620004924	A REPORT ON THE RESEARCH AND TECHNOLOGICAL PROBLEMS OF MANNED ROTATING SPACECRAFT	1962
19620004930	Biochemical Study of Mixed Culture Prototype in a Closed Ecological System	1962
19620004933	Instruction and Guidance Text for Spacecraft Quality Assurance In-House Programs	1962
19620004935	Dual Time System: Data Recovery System for Ionospheric D-Region Rocket Program	1962
19620005035	Radiative Energy Transfer on Entry into Mars and Venus	1962

Accession Number (DocID)	Title	Publication Year
19620005036	Radiative Energy Transfer on Entry into Mars and Venus	1962
19620005037	An Optimal Orbital Control Process for a 24-Hour Communications Satellite	1962
19620005046	GENERAL RAY-TRACING PROCEDURE	1962
19620005053	THE ORBITING GEOPHYSICAL OBSERVATORY, A NEW TOOL FOR SPACE RESEARCH	1962
19620005054	THREE-DIMENSIONAL TRAJECTORY ANALYSIS FOR ROUND-TRIP MISSIONS TO VENUS	1962
19620005055	DESIGN AND CALIBRATION OF AN ARC-HEATED, HYPERSONIC, LOW-DENSITY WIND TUNNEL	1962
19620005069	AN EMPIRICAL CORRELATION OF CRITICAL BOILING HEAT FLUX IN FORCED FLOW UPWARD THROUGH UNIFORMLY HEATED TUBES	1962
19620005070	LOW-SPEED LONGITUDINAL AERODYNAMIC CHARACTERISTICS ASSOCIATED WITH A SERIES OF LOW-ASPECT-RATIO WINGS HAVING VARIATIONS IN LEADING-EDGE CONTOUR	1962
19620005071	RADIATIVE HEAT TRANSFER AND ABSORPTION BEHIND A HYPERSONIC NORMAL SHOCK WAVE	1962
19620005072	MONTE CARLO CALCULATIONS OF NEUTRON NUMBER SPECTRA AND BUILDUP FACTORS IN INFINITE CONICAL CONFIGURATIONS	1962
19620005090	Effect of Micrometeorite Collisions on Spherical Wire-Mesh Passive Reflectors	1962
19620005117	The Lunar Seismograph Experiment: Ranger 3, 4, 5	1962
19620005123	Selected Articles on Light Scattering and Photometric Relief of the Lunar Surface	1962
19620005134	DRAG CHARACTERISTICS AND DYNAMIC STABILITY IN DESCENT OF A ROTARY PARACHUTE TESTED IN A VERTICAL TUNNEL	1962
19620005177	SATURN VEHICLE ATTITUDE RESOLVER COMPUTER ERROR ANALYSIS	1962
19620005186	The Orbiting Solar Observatory Spacecraft	1962
19620005192	EVIDENCE FOR FIELD-ALIGNED IONIZATION IRREGULARITIES BETWEEN 200 AND 1000 KM ABOVE THE EARTH'S SURFACE	1962
19620005195	UPPER-ATMOSPHERE SCALE HEIGHT AND ITS VARIATION WITH SOLAR ACTIVITY	1962
19620005196	SOLAR ACTIVITY EFFECTS ON THE UPPER ATMOSPHERE AFTER SATELLITE OBSERVATIONS	1962
19620005197	CHEMISTRY OF THE UPPER ATMOSPHERE	1962
19620005198	ON THE RATE OF IONIZATION AND RECOMBINATION PROCESSES IN THE IONOSPHERE INTERPRETATION OF ROCKET AND SATELLITE DATA	1962
19620005199	HYDROGEN AND HELIUM ESCAPE	1962
19620005200	NIGHT SKY MAIN EMISSION LINES INTENSITY DISTRIBUTION WITH HEIGHT	1962
19620005201	ON SOME RESULTS OF THE EARTH'S MAGNETIC FIELD INVESTIGATIONS IN OUTER SPACE	1962
19620005202	CLOUD CHAMBER OBSERVATIONS OF GALACTIC AND SOLAR COSMIC RAY ELECTRONS	1962
19620005203	DIRECT OBSERVATIONS OF SOLAR PLASMA STREAMS AT A DISTANCE OF 1,900,000 KM FROM THE EARTH ON FEBRUARY 17, 1961, AND SIMULTANEOUS OBSERVATIONS OF THE GEOMAGNETIC FIELD	1962
19620005204	ACCELERATION AND PROPAGATION OF FAST PARTICLES IN INTERPLANETARY SPACE	1962
19620005205	INTERPLANETARY PLASMA	1962
19620005206	SOLAR CORPUSCULAR STREAMS BY THE IGY DATA	1962
19620005207	Explorer X Plasma Measurements	1962
19620005208	SOME QUESTIONS, CONNECTED WITH RECOMBINATION AND IONIZATION PROCESSES IN THE EARTH'S ATMOSPHERE	1962
19620005209	EARTH'S UPPER ATMOSPHERIC AND EXOSPHERIC PHENOMENA DURING MAGNETIC STORMS	1962
19620005210	THE ELECTRON SPECTRUM FROM 90 TO 1200 KEV AS OBSERVED ON DISCOVERER SATELLITES 29 AND 31	1962
19620005211	ORIGIN AND MECHANISM OF THE VLF EMISSIONS	1962
19620005212	ON RESULTS OF EXPERIMENTS CARRIED OUT BY MEANS OF CHARGED PARTICLE TRAPS IN THE SECOND RADIATION BELT AND IN THE OUTERMOST BELT OF CHARGED PARTICLES	1962
19620005213	OUTER VAN ALLEN BELTS AND NEUTRAL POINTS ON INTERFACE BETWEEN SOLAR WIND AND GEOMAGNETIC FIELD	1962
19620005214	SOLAR PROTONS AND THE MAGNETIC STORM OF 13 JULY 1961	1962
19620005215	INVESTIGATIONS OF RADIATION DURING FLIGHTS OF SATELLITES, SPACE VEHICLES AND ROCKETS	1962
19620005217	SOVIET EXPERIMENTS AIMED AT INVESTIGATING THE INFLUENCE OF THE SPACE FLIGHT FACTORS ON THE ORGANISM OF ANIMALS AND MAN	1962
19620005218	THE BIOLOGICAL EFFECTS OF HEAVY COSMIC RAY PARTICLES	1962
19620005220	COMPLETE DOSE ANALYSIS OF THE NOVEMBER 12, 1960 SOLAR COSMIC RAY EVENT	1962
19620005222	EXTREME ULTRAVIOLET DETECTION WITH THE BENDIX CHANNEL MULTIPLIER	1962
19620005223	A PHOTON COUNTER SPECTROMETER FOR STUDY OF THE SUN'S X-RAY SPECTRUM	1962
19620005224	PROPAGATION OF SOLAR PARTICLES REFERRED FROM THE MEASUREMENT WITH EXPLORER VII	1962
19620005238	Aerodynamic Analysis of Tektites and Their Parent Bodies	1962
19620005243	Simultaneous Balloon Observations at Ft. Churchill and Minneapolis During the Solar Cosmic Ray Events of July 1962	1962
19620005249	THE ELECTROMAGNETIC-RADIATION ENVIRONMENT OF A SATELLITE. PART I. RANGE OF THERMAL TO X-RADIATION	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620005273	SOME RESULTS OF THE CONSTANT GEOMAGNETIC FIELD MEASUREMENTS CARRIED OUT FROM SPUTNIK III OVER THE TERRITORY OF THE USSR	1962
19620005295	EFFECT OF JET PLUMING ON THE STATIC STABILITY OF CONE-CYLINDERFLARE CONFIGURATIONS AT A MACH NUMBER OF 9.65	1962
19620005364	Measurements of the Intensity and Spectrum of Electrons at 1000-Kilometer Altitude and High Latitudes	1962
19620005365	INDEX TO THE NSSP SURFACE NETWORK	1962
19620005385	MIDCOURSE NAVIGATION FOR A MANNED LUNAR MISSION	1962
19620005386	Launch-Vehicle Design	1962
19620005387	LIQUID ROCKET ENGINES FOR LARGE SPACE BOOSTERS	1962
19620005389	NUCLEAR AUXILIARY POWER UNIT FOR LUNAR EXPLORATION	1962
19620005407	Algol Solid Rocket Motor Program	1962
19620005408	Algol Solid Rocket Motor Program	1962
19620005422	Low-Speed Longitudinal Characteristics of an Airplane Configuration Including Effects of Canard and Wing Trailing-Edge Flap Controls in Combination	1962
19620005429	Man's Role in Apollo	1962
19620005502	American Plans for Exploring the Moon with Instruments	1962
19620005579	Research in Space Science. Catalogue of Satellite Observations No. C-30	1962
19620005580	Research in Space Science. Catalogue of Satellite Observations No. C-29	1962
19620005764	INFLUENCE OF TIRE TREAD PATTERN AND RUNWAY SURFACE CONDITION ON BRAKING FRICTION AND ROLLING RESISTANCE OF A MODERN AIRCRAFT TIRE	1962
19620005859	Perturbations of a Synchronous Satellite	1962
19620005863	High-Temperature Transport Properties of Dissociating Nitrogen and Dissociating Oxygen	1962
19620005893	RELATIONS BETWEEN MICROSTRUCTURE AND CREEP-RUPTURE PROPERTIES OF NICKEL-BASE ALLOYS AS REVEALED BY OVERTEMPERATURE EXPOSURES	1962
19620005928	Nuclear Electric Spacecraft for Unmanned Planetary and Interplanetary Missions	1962
19620006008	A TABULATION OF WIND-TUNNEL PRESSURE DATA AND SECTION AERODYNAMIC CHARACTERISTICS AT MACH NUMBERS OF 1.61 AND 2.01 FOR TWO TRAPEZOIDAL AND THREE DELTA WINGS HAVING DIFFERENT SURFACE SHAPES	1962
19620006009	PERFORMANCE OF SEVERAL CAST NICKEL-BASE ALLOYS AS TURBOJET-ENGINE BUCKET MATERIALS AT 1650 DEG F	1962
19620006010	REACTOR-WEIGHT STUDY OF BERYLLIUM OXIDE, BERYLLIUM, LITHIUM-7 HYDRIDE AND WATER AS MODERATORS WITH TUNGSTEN 184 STRUCTURAL MATERIAL AND URANIUM DIOXIDE FUEL	1962
19620006011	COMPARISON OF EXPERIMENTAL AND NUMERICAL RESULTS FOR THE FLOW OF A PERFECT GAS ABOUT BLUNT-NOSED BODIES	1962
19620006012	EXPERIMENTAL DETERMINATION OF SPECTRAL AND TOTAL TRANSMISSIVITIES OF CLOUDS OF SMALL PARTICLES	1962
19620006057	DOD AND NASA GUIDE. PERT/COST SYSTEMS DESIGN	1962
19620006074	MEASUREMENTS OF THE DISSOCIATION RATE OF MOLECULAR OXYGEN	1962
19620006078	TRANSLATIONS FROM NAUKA POLSKA POLISH SCIENCE , VOL. 10, NO. 1, JAN.-FEB., 1962	1962
19620006100	VTOL HEIGHT-CONTROL REQUIREMENTS IN HOVERING AS DETERMINED FROM MOTION SIMULATOR STUDY	1962
19620006103	ENVIRONMENTAL PROBLEMS OF SPACE FLIGHT STRUCTURES. I. IONIZING RADIATION IN SPACE AND ITS INFLUENCE ON SPACECRAFT DESIGN	1962
19620006104	AN INVESTIGATION TO DETERMINE THE DISCHARGE AND THRUST CHARACTERISTICS OF AUXILIARY-AIR OUTLETS FOR A STREAM MACH NUMBER OF 3.25	1962
19620006146	Growing Transverse Waves in a Plasma in a Magnetic Field	1962
19620006292	EFFECT OF NINE LUBRICANTS ON ROLLING-CONTACT FATIGUE LIFE	1962
19620006293	PULSE FREQUENCY MODULATION	1962
19620006294	STABILITY LIMITS OF THE PREMIXED STOICHIOMETRIC CYANOGEN-OXYGEN FLAME	1962
19620006295	OPTICAL TORQUEMETER FOR HIGH ROTATIONAL SPEEDS	1962
19620006296	LOW-SPEED STATIC LONGITUDINAL AND LATERAL AERODYNAMIC CHARACTERISTICS OF A MODEL WITH A LOW-ASPECT-RATIO VARIABLE-INCIDENCE WING AND WITH A FREE-FLOATING AND A PROGRAMED HIGH-LIFT CANARD CONTROL	1962
19620006297	ATMOSPHERE ENTRIES WITH SPACECRAFT LIFT-DRAG RATIOS MODULATED TO LIMIT DECELERATIONS	1962
19620006298	A FORTRAN II PROGRAM FOR ANALYSIS OF RADIOACTIVE DECAY CURVES	1962
19620006299	A 1-FOOT HYPERVELOCITY SHOCK TUNNEL IN WHICH HIGH-ENTHALPY, REALGAS AIR FLOWS CAN BE GENERATED WITH FLOW TIMES OF ABOUT 180 MILLISECONDS	1962
19620006300	THREE-DIMENSIONAL TRAJECTORY ANALYSIS FOR ROUND-TRIP MISSIONS TO MARS	1962
19620006310	Normal Shock Waves in Air: Equilibrium Composition and Flow Parameters for Velocities from 26,000 To 50,000 Ft per Sec.	1962
19620006351	Carbon Dioxide Reduction Systems for NASA	1962
19620006360	Space Programs Summary No. 37-16, Volume VI for the Period May 1, 1962 to August 1, 1962. Space Exploration Programs and Space Sciences	1962
19620006370	Scientific Experiments For Mariner R-1 and R-2	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620006371	VIBRATION OF THIN CIRCULAR RINGS. PART I. SOLUTIONS FOR MODAL CHARACTERISTICS AND FORCED EXCITATION	1962
19620006376	A Method for the Determination of Local Transient Heat Flux in Uncooled Rocket Motors	1962
19620006412	Accurate Drag Determinations for Eight Artificial Satellites; Atmospheric Densities and Temperatures	1962
19620006467	ONE-DIMENSIONAL HEAT CONDUCTION THROUGH THE SKIN OF A VEHICLE UPON ENTERING A PLANETARY ATMOSPHERE AT CONSTANT VELOCITY AND ENTRY ANGLE	1962
19620006469	The Pressure-Pulse	1962
19620006470	RELIABILITY AND REDUNDANCY CONSIDERATIONS IN SELECTING SPACECRAFT BATTERIES	1962
19620006471	AIR-HELIUM SIMULATION OF THE AERODYNAMIC FORCE COEFFICIENTS OF CONES AT HYPERSONIC SPEEDS	1962
19620006477	Effect of Nuclear Radiation on Materials at Cryogenic Temperatures	1962
19620006504	A STUDY OF THRUST VECTOR STEERING FOR RENDEZVOUS WITH A NEAREARTH SATELLITE UTILIZING A THREE-STAGE VEHICLE LAUNCHED OUT OF THE SATELLITE PLANE	1962
19620006510	NUMERICAL SOLUTION OF TWO-DIMENSIONAL POISSON EQUATION- THEORY AND APPLICATION TO ELECTROSTATIC-ION-ENGINE ANALYSIS	1962
19620006511	COMBUSTION INSTABILITY LIMITS DETERMINED BY A NONLINEAR THEORY AND A ONE-DIMENSIONAL MODEL	1962
19620006512	WIND-TUNNEL TESTS OF TWO FULL-SCALE HELICOPTER FUSELAGES	1962
19620006513	INVESTIGATION OF VTOL APPROACH METHODS BY USE OF GROUNDCONTROLLED-APPROACH PROCEDURES	1962
19620006514	THE LOCATION AND SIMULATED REPAIR OF ROUGH AREAS OF A GIVEN RUNWAY BY AN ANALYTICAL METHOD	1962
19620006515	THE LOWER BOUND OF ATTAINABLE SONIC-BOOM OVERPRESSURE AND DESIGN METHODS OF APPROACHING THIS LIMIT	1962
19620006521	HEAT TRANSFER AND PRESSURE DISTRIBUTION ON CONE-CYLINDER-FLARE CONFIGURATION WITH BOUNDARY-LAYER SEPARATION	1962
19620006522	A PRELIMINARY EXPERIMENTAL INVESTIGATION OF AN ENERGY-ABSORPTION PROCESS EMPLOYING FRANGIBLE METAL TUBING	1962
19620006523	COLD-AIR INVESTIGATION OF PROTOTYPE SNAP-8 TURBINE	1962
19620006528	PERIODIC MOTIONS IN BANACH SPACE AND APPLICATIONS TO FUNCTIONALDIFFERENTIAL EQUATIONS	1962
19620006623	Investigation of Mechanical Properties of Chromium, Chromiumrhenium, and Derived Alloys	1962
19620006646	Thermal Radiation Characteristics of Cylindrical Enclosures	1962
19620006698	PANEL FLUTTER TESTS ON FULL-SCALE X-15 LOWER VERTICAL STABILIZER AT MACH NUMBER OF 3.0	1962
19620006701	FIXED-BASE-SIMULATOR STUDY OF THE ABILITY OF A PILOT TO PERFORM SOFT LUNAR LANDINGS	1962
19620006702	A DOUBLE GAMMA-RAY SPECTROMETER TO SEARCH FOR POSITRONS IN SPACE	1962
19620006703	ROTATIONAL DECAY OF THE SATELLITE 1960 ETA 2 DUE TO THE EARTH'S MAGNETIC FIELD	1962
19620006704	SATELLITE MOTION IN THE VICINITY OF CRITICAL INCLINATION	1962
19620006705	SPACECRAFT INFORMATION SYSTEMS	1962
19620006706	ANALYSIS OF THERMAL-PROTECTION SYSTEMS FOR SPACE-VEHICLE CRYOGENIC-PROPELLANT TANKS	1962
19620006711	FIXED-BASE-SIMULATOR STUDY OF PILOTED ENTRIES INTO THE EARTH'S ATMOSPHERE FOR A CAPSULE-TYPE VEHICLE AT PARABOLIC VELOCITY	1962
19620006776	Study of the Purification of Water from Biological Waste	1962
19620006779	MEASURED SURFACE DEFECTS ON TYPICAL TRANSONIC AIRPLANES AND ANALYSIS OF THEIR DRAG CONTRIBUTION	1962
19620006810	EFFECTS OF AFTERBODY-EJECTOR CONFIGURATIONS ON THE PERFORMANCE AT TRANSONIC SPEEDS OF A PYLON-SUPPORTED NACELLE MODEL HAVING A HOT-JET EXHAUST	1962
19620006812	PREDICTED GAS PROPERTIES IN THE SHOCK LAYER AHEAD OF CAPSULE-TYPE VEHICLES AT ANGLES OF ATTACK	1962
19620006837	EXPERIMENTAL INVESTIGATION OF THE EFFECTS OF COMPRESSIVE STRESS ON THE FLUTTER OF A CURVED PANEL AND A FLAT PANEL AT SUPERSONIC MACH NUMBERS	1962
19620006838	THERMODYNAMIC AND TRANSPORT PROPERTY CORRELATION FORMULAS FOR EQUILIBRIUM AIR FROM 1,000 DEG K TO 15,000 DEG K	1962
19620006839	AN EXPERIMENTAL INVESTIGATION OF THE IMPACT RESISTANCE OF DOUBLESHEET STRUCTURES AT VELOCITIES TO 24,000 FEET PER SECOND	1962
19620006840	EXPERIMENTAL NEUTRON FLUX DISTRIBUTIONS IN A GRAPHITE ASSEMBLY WITH AN INTERNAL CAVITY	1962
19620006844	Synthesis of Optimal Control Theory	1962
19620006854	RADIOMETRIC MEASUREMENTS FROM SATELLITES	1962
19620006855	FREE-FLIGHT TESTS OF FIFTH-STAGE SCOUT ENTRY VEHICLE AT MACH NUMBERS OF 5 AND 17	1962
19620006856	LONGITUDINAL TRIM CHARACTERISTICS OF A DEFLECTED SLIPSTREAM V STOL AIRCRAFT DURING LEVEL FLIGHT AT TRANSITION FLIGHT SPEEDS	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620006857	APPLICATION OF STATISTICAL FILTER THEORY TO THE OPTIMAL ESTIMATION OF POSITION AND VELOCITY ON BOARD A CIRCUMLUNAR VEHICLE	1962
19620006910	ON THE QUESTION OF CAPTURE IN A RESTRICTED CYCLICAL PROBLEM OF THREE BODIES	1962
19620006926	PHASE-STABLE OSCILLATORS FOR SPACE COMMUNICATIONS, INCLUDING THE RELATIONSHIP BETWEEN THE PHASE NOISE, THE SPECTRUM, THE SHORT-TERM STABILITY, AND THE Q OF THE OSCILLATOR	1962
19620006935	THE 1961 JPL VENUS RADAR EXPERIMENT	1962
19620006952	Absolute Intensity Calibration of a Time-Resolved Spectrogram	1962
19620006987	MEASUREMENTS OF THE GEOMAGNETIC FIELD BY THE VANGUARD III SATELLITE	1962
19620007040	Launch Complex 39 Umbilical Arms. Concept Study Report	1962
19620007072	Preprints of Papers for Symposium on Measurement of Thermal Radiation Properties of Solids, Dayton, Ohio, September 5-7, 1962	1962
19620007090	MEASUREMENT OF NORMAL AND DIRECTIONAL HIGH TEMPERATURE TOTAL AND SPECTRAL EMITTANCE	1962
19620007170	ANALYSIS OF CLOSE LUNAR TRANSLATION TECHNIQUES	1962
19620007182	SIXTH SEMIANNUAL REPORT TO CONGRESS, JULY 1 THROUGH DECEMBER 31, 1961	1962
19620007254	PROPERTIES OF PHOTODETECTORS. INFRARED PHOTODETECTORS- A REVIEW OF OPERATIONAL DETECTORS	1962
19620007373	OPERATIONAL EXPERIENCES OF TURBINE-POWERED COMMERCIAL TRANSPORT AIRPLANES	1962
19620007374	ERECTABLE YAGI DISK ANTENNAS FOR SPACE-VEHICLE APPLICATIONS	1962
19620007375	AN INVESTIGATION OF LANDING-CONTACT CONDITIONS FOR SEVERAL TURBOJET TRANSPORTS DURING ROUTINE DAYLIGHT OPERATIONS AT NEW YORK INTERNATIONAL AIRPORT	1962
19620007376	ANALYTICAL STUDY OF THE TUMBLING MOTIONS OF VEHICLES ENTERING PLANETARY ATMOSPHERES	1962
19620007377	STABILITY INVESTIGATION OF A BLUNTED CONE AND A BLUNTED OGIVE WITH A FLARED CYLINDER AFTERBODY AT MACH NUMBERS FROM 0.30 TO 2.85	1962
19620007425	The Formation of the Sun and Planets	1962
19620007645	CALCULATION OF TRANSPORT PROPERTIES AND HEAT-TRANSFER PARAMETERS OF DISSOCIATING HYDROGEN	1962
19620007744	COMBINED RADIATION AND FORCED CONVECTION FOR FLOW OF A TRANSPARENT GAS IN A TUBE WITH SINUSOIDAL AXIAL WALL HEAT FLUX DISTRIBUTION	1962
19620007745	EFFECTS OF LEADING-EDGE BLUNTNESS ON FLUTTER CHARACTERISTICS OF SOME SQUARE-PLANFORM DOUBLE-WEDGE AIRFOILS AT A MACH NUMBER OF 15.4	1962
19620007772	Investigation of Adhesion and Cohesion of Metals in Ultrahigh Vacuum	1962
19620007940	Study of the Statistical Properties of Microwave Fields Near an Irregular Reflecting Surface with Application to Soft Lunar Landing	1962
19620007976	Scientific Experiments for Ranger 3, 4, and 5	1962
19620007986	JPL Contributions to the 1962 National Telemetry Conference	1962
19620007987	Communication with Deep Space Vehicles	1962
19620007996	The Action of Monochromatic Ultraviolet Light on Luminescence in Armillaria mellea	1962
19620008007	Effect of the Temperature of Formation on the Crystallinity and Electrical Properties of Germanium Films on Fluorite	1962
19620008131	PROPELLANT CHEMISTRY RESEARCH	1962
19620008136	DEVELOPMENT OF REFRACTORY MATERIALS FOR ROCKET NOZZLES AND VANES. SEVENTH QUARTERLY REPT., DEC. 1961 THROUGH FEB. 1962	1962
19620008142	HEAT TRANSFER TO PROTUBERANCES PARTIALLY IMMERSSED IN A HYPERSONIC, TURBULENT BOUNDARY LAYER	1962
19620008186	REDEYE DEVELOPMENT PROGRAM /U/. INTERIM TECHNICAL <QUARTERLY< REPORT <16TH<, JAN. - MAR. 1962	1962
19620008187	COMPILATION OF ABSTRACTS ON TEST, EXPERIMENTAL, AND DEVELOPMENT /TED/ PROJECTS. <MONTHLY BULLETIN< 1 - 31 MAY 1962	1962
19620008196	INTEGRATED RESEARCH AND DEVELOPMENT PROGRAM ON SOLID ROCKET PROPELLANTS. ANNUAL REPT., JAN. 1 - DEC. 31, 1961	1962
19620008197	PHYSICAL CHEMISTRY. (INTEGRATED RESEARCH AND DEVELOPMENT PROGRAM ON SOLID ROCKET PROPELLANTS)	1962
19620008198	CHEMICAL SYNTHESIS. (INTEGRATED RESEARCH AND DEVELOPMENT PROGRAM ON SOLID ROCKET PROPELLANTS)	1962
19620008199	ENGINEERING. (INTEGRATED RESEARCH AND DEVELOPMENT PROGRAM ON SOLID ROCKET PROPELLANTS)	1962
19620008200	Advanced Research on Solid Rocket Propellants, Annual Tech. Summary Report., Jan. - Dec. 1961	1962
19620008201	Fuel Synthesis	1962
19620008202	Oxidizer Synthesis	1962
19620008203	Nitrogen Chemistry	1962
19620008204	Physical Chemistry	1962
19620008205	Testing and Formulation	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008206	Biomedical Research	1962
19620008207	QUARTERLY PROGRESS REPORT ON A.R.P.A. PROJECTS, JAN. 1, 1962 - MAR. 31, 1962	1962
19620008208	SYNTHESIS OF ORGANIC COMPOUNDS FOR HIGH ENERGY PROPELLANTS. IN ITS QUARTERLY PROGRESS REPT. ON A.R.P.A. PROJECTS, JAN. 1, 1962 MAR. 31, 1962	1962
19620008209	PROPELLANT RESEARCH. IN ITS QUARTERLY PROGRESS REPT. ON A.R.P.A. PROJECTS, JAN. 1, 1962 - MAR. 31, 1962	1962
19620008210	DEVELOPMENT OF MICRO INSTRUMENTATION TECHNIQUES FOR SPECIFIC IMPULSE DETERMINATION. IN ITS QUARTERLY PROGRESS REPT. ON A.R.P.A. PROJECTS, JAN. 1, 1962 - MAR. 31, 1962	1962
19620008211	DETONATION AND DETONABILITY. IN ITS QUARTERLY PROGRESS REPT. ON A.R.P.A. PROJECTS, JAN. 1, 1962 - MAR. 31, 1962	1962
19620008217	PERFORMANCE EVALUATION OF THE TITAN II /MARTIN PD50S0003/ SOLIDPROPELLANT TRANSLATION ROCKET MOTOR AT SIMULATED ALTITUDE CONDITIONS	1962
19620008218	DEVELOPMENT OF AN IMPROVED DUAL-THRUST ROCKET MOTOR FOR THE TARTAR MISSILE /U/. <QUARTERLY PROGRESS REPT. II< JAN. - MAR. 1962	1962
19620008220	ALTITUDE TEST OF A HERCULES WING 1 QUALIFICATION XM-57 THIRD STAGE MINUTEMAN MOTOR /MOTOR SERIAL NUMBER B1-4-10/	1962
19620008221	QUARTERLY PROGRESS REPORT ON AIR FORCE HIGH ENERGY SOLID PROPELLANT PROGRAM, NOV. 15, 1961 - FEB. 15, 1962	1962
19620008224	PILOT PLANT FOR ENCAPSULATING SOLID-PROPELLANT INGREDIENTS /U/. <INTERIM TECH. PROGRESS REPT. 1, 22 JAN. THROUGH 30 APR. 1962.<	1962
19620008225	RESEARCH ON HIGH ENERGY OXIDIZERS FOR ADVANCED SOLID ROCKET PROPELLANTS /U/. QUARTERLY PROGRESS REPT. PR-12, DEC. 1961 - MAR. 1962	1962
19620008226	INVESTIGATION OF MULTICOMPONENT PROPELLANT CONCEPT. SECOND QUARTERLY REPT., OCT. 1, 1961 TO DEC. 31, 1961	1962
19620008227	RESEARCH AND DEVELOPMENT PROGRAM ON THIXOTROPIC PROPELLANTS. FINAL REPT	1962
19620008229	Failure warning system for large solid rockets	1962
19620008235	REFRACTORY MATERIALS SUITABLE FOR USE IN GUIDED MISSILE PROPULSION SYSTEMS. 13TH QUARTERLY REPT., SEPT. 16, 1961 THROUGH MAR. 14, 1962	1962
19620008239	RL10A-1 TECHNICAL STATUS MONTHLY SUMMARY REPORT, 1 NOV. TO 1 DEC. 1961	1962
19620008240	RL10A-1 TECHNICAL STATUS MONTHLY SUMMARY REPORT, 1 DEC. 1961 TO 1 JAN. 1962	1962
19620008241	RL10A-1 TECHNICAL STATUS MONTHLY SUMMARY REPORT, 1 JANUARY TO 1 FEBRUARY 1962	1962
19620008242	POLARIS PROGRESS REPORT FOR FEBRUARY 1962--AERODYNAMICS DEPT	1962
19620008243	POLARIS PROGRESS REPORT FOR FEBRUARY 1962--BALLISTICS DEPT	1962
19620008244	Design study of a large unconventional liquid propellant rocket engine and vehicle	1962
19620008246	PYROLYTIC DEPOSITION OF BERYLLIA. QUARTERLY PROGRESS REPT. 5, DEC. 16, 1960 TO MAR. 15, 1962	1962
19620008247	FEASIBILITY STUDY OF A CONTINUOUS FLOW MAGNETOGASDYNAMICS ROCKET FOR SPACE PROPULSION. SECOND QUARTERLY PROGRESS REPT., NOV. 8, 1961 THROUGH FEB. 8, 1962	1962
19620008252	RESEARCH TO IMPROVE THE STABILITY OF HYDRAZINIUM PERCHLORATE. FINAL SUMMARY REPT., APR. 1, 1961 TO FEB. 2, 1962	1962
19620008253	SERGEANT GUIDED MISSILE SUMMARY NO. 10 FOR THE PERIOD 1 JAN. 1962 THROUGH 28 FEB. 1962	1962
19620008254	Detailed Test Objectives- Delta Launch Vehicle, S/N 320/2018/3019, Payload S-51	1962
19620008257	QUARTERLY PROGRESS REPORT ON PROCESS RESEARCH, NOV. 1, 1961 - JAN. 31, 1962	1962
19620008258	WEAPON SYSTEM 133 A, PROGRAM PROGRESS, 1 OCT. THROUGH 31 DEC. 1961, VOL. I	1962
19620008259	WEAPON SYSTEM 133A- PROGRAM PROGRESS, 1 OCT. THROUGH 31 DEC. 1961, VOL. II	1962
19620008260	RL10A-3- Monthly Development Plan. Technical Status Summary Report, 1 Nov. to 1 Dec. 1962	1962
19620008261	RL10A-3, MONTHLY DEVELOPMENT PLAN. TECHNICAL STATUS SUMMARY REPT., 1 DEC. 1961 TO 1 JAN. 1962	1962
19620008262	Modification No.2: Development of Flight Model for Electrothermal Propulsion Systems. Modificatin No. 3 and 4: Development of an.01 poound thrust electro-hermal propulsion system for space flight testing	1962
19620008263	RESEARCH ON HIGH ENERGY FUELS FOR USE IN ADVANCED SOLID ROCKET PROPELLANTS /U/. QUARTERLY REPT. NO. 12, ENDING MAR. 31, 1962	1962
19620008267	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. <TENTH MONTHLY< PROGRAM PROGRESS <REPT.<, 1 APR. THROUGH 30 APR. 1962	1962
19620008268	PERFORMANCE OPTIMIZATION OF MULTI-COMPONENT PROPELLANT MIXTURES, APPLICATIONS OF THE OPTIMIZATION PROCEDURE /U/. FINAL REPT., VOLUME II OF II	1962
19620008272	THE PERFORMANCE OF AN INFRARED RADIATION SYSTEM IN SIMULATING THE AVERAGE ORBITAL THERMAL FLUX ON AN AGENA AFT EQUIPMENT RACK	1962
19620008273	FORCE TESTS ON THE BOEING AD-5991-1 DYNA-SOAR MODEL AT MACH 5, 8, AND 10	1962
19620008274	WEAPON SYSTEM 133A- SECOND-STAGE MINUTEMAN WING I OPERATIONAL MOTOR DATA BOOK	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008275	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 61XB2	1962
19620008279	A STUDY OF CONTROLLABLE THRUST LIQUID PROPELLANT ROCKET ENGINES, VOLUME I. THIRD QUARTERLY REPT. <FOR THE PERIOD OCT. 15, 1961 THROUGH JAN. 15, 1962<	1962
19620008287	ULTRA-LOW-PRESSURE ROCKET /ULPR/ PROPULSION SYSTEM. PHASE I- SUMMARY REPORT, FINAL. VOL., I, TECHNICAL REPORT	1962
19620008288	ULTRA-LOW-PRESSURE ROCKET /ULPR/ PROPULSION SYSTEM. PHASE I SUMMARY REPORT, FINAL. VOL. II- APPENDIX	1962
19620008289	INVESTIGATION OF BALLISTIC MODIFIERS FOR HIGH ENERGY SOLID ROCKET PROPELLANTS	1962
19620008290	MINUTES OF THE FIRST QUARTERLY REVIEW /1962/ OF ROCKET PROPELLANT SUPPORTING RESEARCH, HELD AT PICATINNY ARSENAL, 8-9 FEBRUARY 1962	1962
19620008291	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND-STAGE OF THE MINUTEMAN MISSILE /U/. <SIXTH MONTHLY< PROGRAM PROGRESS <REPT.<, 1 DEC. THROUGH 31 DEC. 1961	1962
19620008292	WEAPON SYSTEM 133A- PRODUCTION OF M-56-AJ-3 SECOND-STAGE MINUTEMAN MOTORS /U/. <SECOND QUARTERLY< PROGRAM PROGRESS <REPT.<, 1 OCT. THROUGH 31 DEC. 1961	1962
19620008293	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. <SEVENTH MONTHLY< PROGRAM PROGRESS <REPT.<, 1 JAN. THROUGH 31 JAN. 1962	1962
19620008294	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. <NINTH MONTHLY< PROGRAM PROGRESS <REPT.<, 1 MAR. THROUGH 31 MAR. 1962	1962
19620008295	PRESSURE PROFILE ACROSS THE NOZZLE EXIT OF THE SM-68B /TITAN II/ SECOND-STAGE SUSTAINER ENGINE /XLR91-AJ-5/	1962
19620008296	INVESTIGATION OF THE FLUTTER CHARACTERISTICS OF A 0.25-SCALE MODEL OF THE DYNA-SOAR GLIDER AT SUPERSONIC SPEEDS	1962
19620008297	STATIC STABILITY CHARACTERISTICS OF A FLAT-NOSE CYLINDER WITH AN EXTENSIBLE FLARE AT MACH NUMBERS FROM 0.60 THROUGH 1.50	1962
19620008298	MACH 8 PRESSURE DISTRIBUTION AND TESTS ON A DYNA-SOAR CONFIGURATION WITH A SIMULATED ROCKET PLUME	1962
19620008299	AN ALTITUDE INVESTIGATION OF A SMALL LIQUID-ROCKET ENGINE OPERATING AT ULTRA LOW CHAMBER PRESSURES. PHASE I	1962
19620008300	AN INVESTIGATION OF THE 22.15-PERCENT SCALE SM-68B /TITAN II/ STAGING MODEL AT SIMULATED HIGH ALTITUDE CONDITIONS	1962
19620008301	LARGE SOLID ROCKET PROGRAM /U/. SIXTH QUARTERLY PROGRESS REPT., OCT. THROUGH DEC. 1961	1962
19620008302	DEVELOPMENT OF AN IMPROVED DUAL-THRUST ROCKET MOTOR FOR THE TARTAR MISSILE /U/. <TENTH QUARTERLY PROGRESS REPT.<, OCT. THROUGH DEC. 1961	1962
19620008303	LARGE SOLID ROCKET MOTOR PROGRAM- PRELIMINARY 100 FW-2 MOTOR FIRING REPORT	1962
19620008305	DETAIL DESIGN OPTIMIZATION OF SOLID-PROPELLANT ROCKET MOTOR AFTCLOSURE NOZZLE COMBINATIONS. SECOND QUARTERLY PROGRESS REPT	1962
19620008306	AN INVESTIGATION OF RECOMBINATION AND CONDENSATION EFFECTS IN ROCKET NOZZLES /U/. THIRD QUARTERLY TECH. SUMMARY REPT., <NOV. 15, 1961 - FEB. 15, 1962<	1962
19620008307	FEASIBILITY INVESTIGATION OF UNCOOLED THRUST CHAMBER AND NOZZLE DESIGNS /U/. THIRD QUARTERLY PROGRESS REPT. <JAN. 1 THROUGH MAR. 30, 1962<	1962
19620008308	A THEORETICAL AND EXPERIMENTAL PROGRAM TO ESTABLISH AND PROVE A DESIGN FOR A LIQUID PROPELLANT ROCKET ENGINE SYSTEM FOR AN EVASIVE SATELLITE OR A SATELLITE INTERCEPTOR. THIRD QUARTERLY PROGRESS REPT	1962
19620008309	HIGH PRESSURE ROCKET ENGINE FEASIBILITY PROGRAM /U/. QUARTERLY CONTRACT STATUS REPT. NO. 2, <SEPT. 26 TO DEC. 26, 1961<	1962
19620008310	INDEX OF NAVAL WEAPONS LABORATORY REPORTS, JANUARY - DECEMBER 1961 /U/. SUPPLEMENT NO. 1 TO NWL REPT. 1767, INDEX OF NWL REPTS., JAN. 1956 - DEC. 1960	1962
19620008311	SERVICE LIFE STATIC FIRING NR 3, XM-30 NIKE-HERCULES SOLID SUSTAINER MOTOR	1962
19620008312	NEW DEVELOPMENTS IN CONTINUOUS PROPELLANT PROCESSING FOR THE POLARIS PROPULSION SYSTEM. PERIOD COVERED- DEC. 1961	1962
19620008313	DESIGN AND DEVELOPMENT OF AN ADVANCED-PROPELLANT UPPER-STAGE MOTOR /XM-86/. PERIOD COVERED- 19 DEC. THROUGH 18 MAR. 1962	1962
19620008314	RESEARCH AND DEVELOPMENT OF AN ADVANCED POLARIS PROPELLANT /U/. FOURTEENTH TECH. REPT., 1 FEB. THROUGH 30 APR. 1962	1962
19620008315	DESIGN AND DEVELOPMENT OF SOLID-ROCKET COMBUSTIBLE MANDRELS /U/. PERIOD COVERED- 15 FEB. THROUGH 15 MAY 1962	1962
19620008317	ALTITUDE TESTING OF SIX MINUTEMAN RETRO-ROCKET MOTORS /PRE PFRT PHASE/	1962
19620008319	SPHERICAL HIGH-ENERGY SOLID-PROPELLANT ROCKET MOTOR	1962
19620008335	THE PREPARATION AND CHARACTERIZATION OF OF-CONTAINING COMPOUNDS. SPECIAL REPT. 1	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008336	SECOND QUARTER REPORT ON INVESTIGATION OF VELOCITY UPON BURNING RATE OF SOLID PROPELLANTS	1962
19620008337	QUARTERLY PROGRESS REPORT ON INTERIOR BALLISTICS, AUGUST 15, 1961 - NOVEMBER 15, 1961	1962
19620008338	QUARTERLY PROGRESS REPORT ON PHYSICAL CHEMISTRY, DECEMBER 1, 1961 - FEBRUARY 28, 1962	1962
19620008339	ADVANCED RESEARCH ON SOLID ROCKET PROPELLANTS. <FIRST< QUARTERLY TECH. SUMMARY REPT., JAN. - MAR. 1962	1962
19620008340	FUEL SYNTHESIS	1962
19620008341	OXIDIZER SYNTHESIS	1962
19620008342	NITROGEN CHEMISTRY	1962
19620008343	PHYSICAL CHEMISTRY	1962
19620008344	TESTING AND FORMULATION	1962
19620008347	WEAPON SYSTEM 133B- DEVELOPMENT OF AN IMPROVED SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. FIRST MONTHLY PROGRAM PROGRESS REPT., 1 MAR. THROUGH 31 MAR. 1962	1962
19620008348	INTEGRATED COMPONENTS PROGRAM /U/. <FIRST< QUARTERLY PROGRESS REPT. <COVERING PERIOD 1 FEB. 1962 TO 15 MAY 1962<	1962
19620008349	FILAMENT-WOUND CHAMBER, RESEARCH AND DEVELOPMENT. PERIOD COVERED NOV. 1961 THROUGH JAN. 1962	1962
19620008356	DETAIL DESIGN OPTIMIZATION OF SOLID-PROPELLANT ROCKET MOTOR AFTCLOSURE NOZZLE COMBINATIONS /U/. THIRD QUARTERLY TECHNICAL PROGRESS REPT	1962
19620008359	RESEARCH ON STORABLE LIQUID-BIPROPELLANT SYSTEMS /U/. <THIRD QUARTERLY REPT., COVERING PERIOD FROM 16 DEC. 1961 THROUGH 15 MAR. 1962.<	1962
19620008361	RESEARCH AND DEVELOPMENT PROGRAM ON THIXOTROPIC PROPELLANTS. QUARTERLY PROGRESS REPT., OCT. 12, 1961 TO JAN. 11, 1962	1962
19620008362	THE EXPLOSIVE CUTTING OF AN ALUMINUM SKIN PANEL IN A SIMULATED ALTITUDE ENVIRONMENT	1962
19620008363	SHARP AND BLUNT CONE FORCE TESTS AT M SUB 00 EQUALS 17 AND VARIOUS REYNOLDS NUMBERS /U/. TECHNICAL DOC. REPT., <NOV. 5 THROUGH DEC. 20, 1961<	1962
19620008364	BLUNT CONE FORCE TESTS AT M EQUAL 20 /U/. TECHNICAL DOC. REPT. <JAN. 2 THROUGH 19, 1962<	1962
19620008365	PERFORMANCE EVALUATION OF THE NOTS MODEL 505, SOLID-PROPELLANT ROCKET MOTOR AT SIMULATED ALTITUDE CONDITIONS	1962
19620008366	DYNAMIC STABILITY TESTS ON THREE MODELS OF THE SKYBOLT RE-ENTRY VEHICLE AT MACH 10	1962
19620008367	FRACTURE MECHANICS OF SOLID PROPELLANTS /U/. <SECOND QUARTERLY REPT.,< JAN. 1, 1962 - MAR. 31, 1962	1962
19620008370	FIRING TEST REPORT- NIKE HERCULES ROUND B-324, MISSILE SERIAL NO. 1810D-13943, FIRED 12 JANUARY 1962, WHITE SANDS MISSILE RANGE	1962
19620008371	FIRING TEST REPORT- NIKE HERCULES ROUND B-325, MISSILE SERIAL NO. 1810O-14521, FIRED 9 FEBRUARY 1962, WHITE SANDS MISSILE RANGE	1962
19620008372	REFRACTORY MATERIALS SUITABLE FOR USE IN GUIDED MISSILE PROPULSION SYSTEMS. FOURTEENTH QUARTERLY REPT., MAR. 15 THROUGH JUNE 14, 1962	1962
19620008373	DYNAMIC MECHANICAL PROPERTIES OF SOLID PROPELLANTS. QUARTERLY TECH. SUMMARY REPT., 1 OCT. 1961 - 31 DEC. 1961	1962
19620008374	AN EXPERIMENTAL PROGRAM TO EVALUATE HIGH-PERFORMANCE SOLID PROPELLANT INGREDIENTS /U/. TENTH QUARTERLY TECH. SUMMARY REPT., OCT. 1 THROUGH DEC. 31, 1961	1962
19620008375	RLIOA-3- MONTHLY DEVELOPMENT PLAN /U/. TECHNICAL STATUS SUMMARY REPT., 1 MAR. TO 1 APR. 1962	1962
19620008376	DEVELOPMENT OF LIGHTWEIGHT CASE DESIGN FOR SOLID PROPELLANT ROCKET MOTORS /U/. SEVENTH QUARTERLY REPT	1962
19620008377	WIND TUNNEL TESTS OF THE STATIC STABILITY AND CONTROL EFFECTIVENESS OF THE WALLEYE FREE FLIGHT MISSILE	1962
19620008378	DRAG AND HEAT TRANSFER TESTS AT MACH NUMBERS FROM 2.5 TO 5.0 ON A HEMISPHERICAL IRDOME COOLED BY INJECTING GAS INTO SEPARATED FLOW AROUND THE NOSE	1962
19620008379	POLARIS PROGRESS REPORT FOR MARCH 1962 - AERODYNAMICS DEPT	1962
19620008380	SENSITIVITY CHARACTERISTICS OF HIGH ENERGY MONOPROPELLANT SYSTEMS. PROGRESS REPT. NO. 1, JAN. 1 TO MAR. 31, 1962	1962
19620008382	Test Results: Centaur F - a Vehicle, AMR Test NR. 5461	1962
19620008384	INVESTIGATION OF FUNDAMENTAL PHENOMENA IN HYBRID PROPULSION /U/. THIRD QUARTERLY TECH. SUMMARY REPT., FOR THE PERIOD ENDING 28 FEB. 1962	1962
19620008385	VARITEX INJECTOR PROTOTYPE DEVELOPMENT- TASK III OF CONTROLLABLE THRUST CHAMBER STUDY PROGRAM. <FIRST QUARTERLY REPT.,< JAN. 16 TO APR. 15, 1962	1962
19620008386	LOW-VOLUME RAMJET /U/. QUARTERLY REPT. FOR PERIOD FROM FEB. THROUGH APR. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008393	ROLLING AND PITCHING MOMENTS INDUCED BY THE BOOSTER ROCKET DURING INITIAL FLIGHT PHASE OF TALOS WEAPON	1962
19620008394	DEVELOPMENT OF HIGH NITROGEN POLYMERS. SIXTH QUARTERLY PROGRESS REPT., 1 DEC. 1961 TO 28 FEB. 1962	1962
19620008396	Instrumentation Plan - Centaur-AEDC	1962
19620008397	FINAL REPORT, SECOND-STAGE POLARIS MODEL A3 POWER PLANT DEVELOPMENT <10 AUG. 1960 TO 2 NOV. 1961<	1962
19620008400	STUDY OF THE HETEROGENEOUS AND HOMOGENEOUS CATALYSIS OF THE PENTABORANE - HYDRAZINE REACTION	1962
19620008401	AUTOMATICALLY ACTIVATED ZINC-SILVER OXIDE BATTERIES /U/. SEVENTH QUARTERLY PROGRESS REPORT, 1 JAN. 1962 TO 31 MAR. 1962	1962
19620008402	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM /U/. MONTHLY PROGRESS REPORT, MAY 1962	1962
19620008403	FUNDAMENTALS OF SHAPED CHARGES	1962
19620008404	STATUS OF RESEARCH AND ENGINEERING PROJECTS /U/. QUARTERLY PROGRESS REPT. NO. 35, DEC. 1, 1961 THROUGH FEB. 28, 1962	1962
19620008405	AUTOMATIC DETECTION AND ACQUISITION FOR A TRACK-WHILE-SCAN RADAR	1962
19620008406	RESEARCH IN THE SYNTHESIS OF HIGH-ENERGY STORABLE OXIDIZERS. QUARTERLY REPT. <21 SEPT. 1961 THROUGH 21 DEC. 1961<	1962
19620008408	DELTA MONTHLY TECHNICAL PROGRESS REPORT, MARCH 1962, ISSUE NO. 35	1962
19620008409	HIGH TEMPERATURE MATERIALS DEVELOPMENT. EIGHTH QUARTERLY <PROGRESS< REPT., JAN. 1, 1962 - MAR. 31, 1962	1962
19620008410	POLARIS PROGRESS REPORT FOR JANUARY 1962 -- AERODYNAMICS DEPT	1962
19620008411	F4H-1 AIRPLANE DEMONSTRATION SCHEDULE REPORT, <26 DECEMBER 1955 THROUGH 27 MARCH 1962<	1962
19620008414	NAVY PARTICIPATION IN PROJECT ADVENT. SEMIANNUAL TECH. PROGRESS REPORT 2, 1 JULY - 31 DEC. 1961	1962
19620008415	SOLID PROPELLANT IGNITION STUDIES USING THE MOD 3 ARC-IMAGE FURNACE. QUARTERLY PROGRESS REPT. NO. 1, 1 OCT. 1961 TO 31 DEC. 1961	1962
19620008417	OPTICAL SPATIAL FILTERING TECHNIQUES /U/. FIRST QUARTERLY REPORT, 1 JULY - 30 SEPT. 1961	1962
19620008418	MATERIALS PROPERTY STUDY BASED UPON THERMAL DISTRIBUTIONS IN ANISOTROPIC HEMISPHERICAL SHELLS /U/. SUMMARY REPORT	1962
19620008419	REPORT OF PROJECT MICHIGAN- MAGNETIC-TAPE PLAYBACK TECHNIQUES UTILIZED IN PROCESSING INFRARED SCANNER SIGNALS	1962
19620008420	UNIQUE INJECTOR CONCEPTS DEVELOPMENT /UNICODE/ /U/. <THIRD QUARTERLY REPORT, 15 DEC. 1961 TO 14 MAR. 1962.<	1962
19620008421	The Thermal Behavior of Explosives Subjected to Simulated Aerodynamic Heating, II: Datb (U)	1962
19620008424	Study of Pressurization Systems for Liquid Propellant Rocket Engines	1962
19620008425	DELTA MONTHLY TECHNICAL PROGRESS REPORT, JULY 1961, ISSUE NO. 27	1962
19620008446	SAFETY AND COMBUSTION CHARACTERISTICS OF HOMOGENEOUS AND HETEROGENEOUS MONOPROPELLANT SYSTEMS. SEMI ANNUAL SUMMARY REPT., JULY 1, 1961 TO DEC. 31, 1961	1962
19620008448	RESEARCH ON HIGH ENERGY FUELS FOR USE IN ADVANCED SOLID ROCKET PROPELLANTS /U/. QUARTERLY PROGRESS REPT. NO. 11, <OCT. 1 THROUGH DEC. 31, 1961<	1962
19620008449	SUSCEPTIBILITY OF SOLID-COMPOSITE PROPELLANTS TO EXPLOSION OR DETONATION. QUARTERLY PROGRESS REPT., 1 OCT. THROUGH 31 DEC. 1961	1962
19620008463	WEAPON SYSTEM 133 B- DEVELOPMENT OF AN IMPROVED SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. <THIRD MONTHLY< PROGRAM PROGRESS <REPORT,< 1 MAY THROUGH 31 MAY 1962	1962
19620008464	AN EXPERIMENTAL INVESTIGATION OF PROPELLANT INGREDIENT COMBUSTION PHENOMENA	1962
19620008465	INTEGRATED RESEARCH AND DEVELOPMENT PROGRAM ON SOLID ROCKET PROPELLANTS. PROGRESS REPORT 9, JAN. 1 - MAR. 31, 1962	1962
19620008467	THE 3.0" MK 32 MOD O ROCKET MOTOR- MANUFACTURE, QUALIFICATION AND DOCUMENTATION. FINAL REPORT, <3 JUNE 1959 TO 30 NOV. 1961<	1962
19620008469	FIRING TEST REPORT- NIKE HERCULES ROUND B-326 MISSILE SERIAL NO. 1810D-16461, FIRED 12 MAY 1962, WHITE SANDS MISSILE RANGE	1962
19620008470	DELTA SEMI-ANNUAL TECHNICAL PROGRESS REPORT, MODEL NUMBER DM-19, NOV., 1961 - APR. 30, 1962, ISSUE NO. 6	1962
19620008475	AN EXPERIMENTAL CORRELATION OF THE NONREACTIVE PROPERTIES OF INJECTION SCHEMES AND COMBUSTION EFFECTS IN A LIQUID-PROPELLANT ROCKET ENGINE. /IN EIGHT PARTS/ PART VIII- ON THE EXPERIMENTAL PERFORMANCE OF THE PENTABORANE-HYDRAZINE PROPELLANT COMBINATION	1962
19620008477	PYROLYTIC GRAPHITE FINAL REPORT	1962
19620008479	SUMMARY OF THRUST VECTOR CONTROL INVESTIGATION /U/. <FINAL REPORT 2 AUG. 1961 TO 4 MAY 1962<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008483	J. SIMULATION AND CONTROL OF FACTORS INFLUENCING ROCKET NOZZLE MATERIALS	1962
19620008484	SERGEANT GUIDED MISSILE SUMMARY NO. 11 FOR THE PERIOD 1 MARCH 1962 THROUGH 30 APRIL 1962	1962
19620008485	WEAPON SYSTEM 133A- <MOVABLE NOZZLE PROGRAM.< ADDENDUM I. PROGRAM PROGRESS REPORT, 1 OCT. THRU 31 DEC. 1961	1962
19620008486	ADVANCED SOLID PROPELLANT RESEARCH AND DEVELOPMENT PROGRAM. FINAL REPORT, JUNE 1, 1961 TO JAN. 31, 1962	1962
19620008488	SAFETY INFORMATION FROM PROPELLANT SENSITIVITY STUDIES	1962
19620008489	NONCOMBUSTIBLE MANDRELS IN THE SKYBOLT, LARGE SOLID ROCKET, GENIE, AND 3KS-1000 PROGRAMS // . FINAL REPORT	1962
19620008494	MONO-COMPOUND ROCKET ENGINE // . QUARTERLY REPORT, MAR. 1, 1962 - MAY 31, 1962	1962
19620008495	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. <ELEVENTH MONTHLY< PROGRAM PROGRESS <REPORT<, 1 MAY THROUGH 31 MAY 1962	1962
19620008496	THE DESIGN, FABRICATION AND STATIC FIRING OF A FULL SCALE LITHIUM COOLED ROTATING NOZZLE. // . MONTHLY PROGRESS REPORT NO. 7. <JAN. 16, 1962 THROUGH FEB. 15, 1962.<	1962
19620008524	RESEARCH AND DEVELOPMENT OF THE STATE OF THE ART OF HIGH-ENERGY SOLID PROPELLANTS, VOL. I /U/. PERIOD COVERED- 22 MAY 1961 TO 22 MAR. 1962	1962
19620008525	RESEARCH AND DEVELOPMENT OF THE STATE OF THE ART OF HIGH-ENERGY SOLID PROPELLANTS. VOL. II- BERYLLIUM HANDLING MANUAL /U/. PERIOD COVERED- 22 MAY 1961 TO 22 MAR. 1962	1962
19620008527	RESEARCH ON THE STABILIZATION AND CHARACTERIZATION OF HIGHLY CONCENTRATED PERCHLORIC ACID // . FOURTH QUARTERLY REPORT, 1 MAR. TO 31 MAY 1962	1962
19620008528	AN EXPERIMENTAL PROGRAM TO EVALUATE HIGH-PERFORMANCE SOLID PROPELLANT INGREDIENTS /U/. ELEVENTH QUARTERLY TECHNICAL SUMMARY REPORT, JAN. 1 THROUGH MAR. 31, 1962	1962
19620008530	STATUS OF RESEARCH AND ENGINEERING PROJECTS /U/. QUARTERLY PROGRESS REPORT NO. 37, MAR. 1 THROUGH MAY 31, 1962	1962
19620008532	COMPILATION OF ABSTRACTS ON TEST, EXPERIMENTAL, AND DEVELOPMENT /TED/ PROJECTS // . <MONTHLY BULLETIN< JUNE 1 - 30, 1962	1962
19620008533	INVESTIGATION OF ADVANCED INJECTOR CONCEPTS FOR THE PENTABORANE/HYDRAZINE PROPELLANT SYSTEM /U/. INTERIM <TECHNICAL< REPORT <15 FEB. - 31 MAY 1962<	1962
19620008534	DEVELOPMENT OF CATALYSTS FOR MONOPROPELLANT DECOMPOSITION OF HYDRAZINE	1962
19620008535	WEAPON SYSTEM 133A- PROGRAM PROGRESS, 1 JAN. THROUGH 31 MAR. 1962., VOL I	1962
19620008536	IRIA ANNOTATED BIBLIOGRAPHY OF INFRARED LITERATURE /U/. VOL. VI, NO. 1. <TWENTIETH REPORT, 20 DEC. 1961 - 25 FEB. 1962<	1962
19620008537	ANALYSIS OF DATA FROM THE ARMY LABORATORY ENGINEERING TEST OF THE NA/UPD-1 /XPM-1/ RADAR /U/. REPORT OF PROJECT MICHIGAN	1962
19620008538	THE DESIGN, FABRICATION AND STATIC FIRING OF A FULL SCALE LITHIUM COOLED ROTATING NOZZLE // . MONTHLY PROGRESS REPORT NO. 6 <DEC. 16, 1961 THROUGH JAN. 15, 1962<	1962
19620008539	STUDY TO DETERMINE AERODYNAMIC CHARACTERISTICS ON HYPERSONIC REENTRY CONFIGURATIONS. PART II. ANALYTICAL PHASE, VOLUME I - ANALYSIS /U/. TECHNICAL REPORT, <JULY 1959 - APR. 1961<	1962
19620008540	WEAPON SYSTEM 133A- SECOND-STAGE MINUTEMAN WING I OPERATIONAL CONFIGURATION MOTOR DATA BOOK	1962
19620008541	POLARIS POWER-PLANT DEVELOPMENT /U/. <THIRD QUARTERLY REPORT< PERIOD COVERED- FEB. <1< THROUGH APR. <30<, 1962	1962
19620008542	POLARIS POWER PLANT DEVELOPMENT /U/. <SECOND QUARTERLY REPORT< PERIOD COVERED- 1 NOV. 1961 THROUGH 31 JAN. 1962	1962
19620008543	Saturn Monthly Progress Report	1962
19620008544	QUARTERLY REVIEW OF APL ACTIVITIES. A REPORT OF THE BUMBLEBEE PROGRAM AND OTHER ACTIVITIES OF THE APPLIED PHYSICS LABORATORY AND ASSOCIATED ORGANIZATIONS, JANUARY - MARCH 1962. II. SPACE EXPLORATION AND RESEARCH AND DEVELOPMENT	1962
19620008546	HEAT TRANSFER IN SOLID PROPELLANT NOZZLE SYSTEMS	1962
19620008552	TRANSIT BIMONTHLY TECHNICAL PROGRESS REPORT, 1 MAR. - 30 APR. 1962	1962
19620008553	SENSORS FOR AIRBORNE TERRAIN ANALYSIS- /SATAN/	1962
19620008554	THERMAL STRESS DISTRIBUTIONS IN ANISOTROPIC HEMISPHERICAL SHELLS FOR SEVERAL THICKNESSES, TRAJECTORIES, AND MATERIALS	1962
19620008556	SATURN SA-1 POSTFLIGHT TRAJECTORY /U/	1962
19620008559	LIQUID PROPELLANT REVIEW // . QUARTERLY REPORT NO. 1 FOR THE PERIOD JAN. 1 - MAR. 31, 1962	1962
19620008561	RESEARCH AND DEVELOPMENT TO ADVANCE THE STATE-OF-THE-ART OF HIGH ENERGY SOLID PROPELLANTS- PROJECT A // . QUARTERLY PROGRESS REPORT NO. 3, NOV. <1< 1961 - JAN. <31< 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008562	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM /U/. MONTHLY PROGRESS REPORT, JUNE 1962	1962
19620008563	PREPARATION OF HIGH ENERGY STORABLE PROPELLANTS /U/. QUARTERLY <REPT.< NO. 1, NOV. 21, 1961 THROUGH FEB. 20, 1962	1962
19620008564	HYBRID ROCKET ENGINE FEASIBILITY PROGRAM /U/. FINAL REPORT, 15 MAY 1960 TO 18 MAR. 1962	1962
19620008565	DESIGN AND DEVELOPMENT OF AN ADVANCED-PROPELLANT UPPER-STAGE MOTOR /XM-86/ /U/. SECOND QUARTERLY REPORT, 19 MAR. THROUGH 18 JUNE 1962	1962
19620008566	UNIQUE INJECTOR CONCEPTS DEVELOPMENT /UNICODE// /U/. <FOURTH< QUARTERLY REPORT <MAR. 15 THROUGH JUNE 14, 1962<	1962
19620008570	SUPPLEMENT TO THE <QUARTERLY< PROGRESS REPORT FOR MAR., APRIL, AND MAY, 1962. <TESTS ON GIMBALLED ELECTRIC VACUUM GYROSCOPE	1962
19620008571	INVESTIGATION OF FUNDAMENTAL PHENOMENA IN HYBRID PROPULSION /U/. FOURTH QUARTERLY TECHNICAL SUMMARY REPORT FOR THE PERIOD 1 MAR. THROUGH 5 JUNE 1962	1962
19620008572	AN INTERNAL-FLOW INVESTIGATION OF POLARIS ROCKET	1962
19620008573	FEASIBILITY DEMONSTRATION OF A SOLID PROPELLANT ATTITUDE CONTROL PULSE ROCKET SYSTEMS /U/. FINAL REPORT FOR PERIOD JULY 1, 1961 THROUGH FEB. 28, 1962	1962
19620008574	QUARTERLY PROGRESS REPORT ON A.R.P.A. PROJECTS /U/. APR. 1, 1962 - JUNE 30, 1962	1962
19620008575	SYNTHESIS OF ORGANIC COMPOUNDS FOR HIGH ENERGY PROPELLANTS //. IN ITS QUARTERLY PROGRESS REPORT ON A.R.P.A. PROJECTS, APR. 1, 1962 - JUNE 30, 1962	1962
19620008576	PROPELLANT RESEARCH //. IN ITS QUARTERLY PROGRESS REPORT ON A.R.P.A. PROJECTS, APR. 1, 1962 - JUNE 30, 1962	1962
19620008577	DEVELOPMENT OF MICRO INSTRUMENTATION TECHNIQUES FOR SPECIFIC IMPULSE DETERMINATION //. IN ITS QUARTERLY PROGRESS REPORT ON A.R.P.A. PROJECTS, APR. 1, 1962 - JUNE 30, 1962	1962
19620008578	FLOW THERMODYNAMICS OF ROCKET MOTORS //. IN ITS QUARTERLY PROGRESS REPORT ON A.R.P.A. PROJECTS, APR. 1, 1962 - JUNE 30, 1962	1962
19620008579	DETONATION AND DETONABILITY //. IN ITS QUARTERLY PROGRESS REPORT ON A.R.P.A. PROJECTS, APR. 1, 1962 - JUNE 30, 1962	1962
19620008580	MARINER SYSTEMS TEST OBJECTIVES FLIGHTS MR-1 AND MR-2 //. REPORT CHANGE RECORD, REVISION A. G. A. DEVINE. JUNE 1, 1962. 47 P. /CONTRACT AF 04/647/-592/ /LMSC-A082354-A/ CONFIDENTIAL REPORT	1962
19620008581	F4H-1 AIRPLANE- DEMONSTRATION SCHEDULE REPORT	1962
19620008585	ENGINEERING DESIGN HANDBOOK- EXPLOSIVES SERIES SOLID PROPELLANTS- PART TWO	1962
19620008587	GAS GENERANT PROPELLANT RESEARCH AND DEVELOPMENT PROGRAM /U/. QUARTERLY PROGRESS REPORT NO. 4, PERIOD COVERED- 26 MAR. TO 20 JUNE 1962	1962
19620008589	THIRD QUARTER REPORT ON INVESTIGATION OF VELOCITY UPON BURNING RATE OF SOLID PROPELLANTS	1962
19620008590	FEASIBILITY DEMONSTRATION OF FLIGHT WEIGHT SOLID PROPELLANT ATTITUDE CONTROL PULSE ROCKET SYSTEM /U/. FIRST QUARTERLY PROGRESS REPORT FOR PERIOD APR. 13 THROUGH JUNE 30, 1962	1962
19620008591	Pressure switches for high vibration applications on launch and space vehicles	1962
19620008594	THE BENDING UNDER NORMAL LOADING OF PLATES TAPERED IN PLANFORM	1962
19620008604	AN INVESTIGATION OF WING-AILERON FLUTTER USING GROUND LAUNCHED ROCKET MODELS	1962
19620008661	Observations and Measurements of Flow in a Cavitating Venturi for Mercury, with Comparison to Water	1962
19620008662	Elevated Temperature Stress Corrosion of High Strength Sheet Materials in the Presence of Stress Concentrators. Quarterly Progress Report 4, Mar. 1, 1962 to May 31, 1962	1962
19620008665	THE PREDICTION OF SERVICE VOLUMES FOR AIR NAVIGATION FACILITIES	1962
19620008678	UNITED STATES GOALS FOR COMMUNICATIONS SATELLITE SYSTEMS	1962
19620008679	STATUS REPORT, 1 DEC. 1961-30 APR. 1962. <THEORETICAL STUDY OF THE FORCES ACTING ON BODIES IN RAREFIED IONIZED ENVIRONMENTS<	1962
19620008680	INITIATION OF POLYMER DECOMPOSITION BY VACUUM-ULTRAVIOLET AND HIGH ENERGY RADIATION. QUARTERLY PROGRESS REPORT, DEC. 1, 1961 TO FEB. 28, 1962	1962
19620008682	FEASIBILITY STUDY OF WEATHER RADAR SATELLITES. QUARTERLY STATUS REPORT 1 COVERING THE PERIOD 15 APR. TO 15 JULY 1962	1962
19620008683	PYROLYTIC GRAPHITE ALLOYS	1962
19620008684	ARC RESEARCH STUDIES	1962
19620008686	DEVELOPMENT OF LIGHTWEIGHT, SEGMENTED, ROCKET MOTOR CASES EMPLOYING FIBERGLASS, /U/. FIRST QUARTERLY REPORT <1 APR. TO 30 JUNE 1962<	1962
19620008687	STUDY OF SPARROW III CW ILLUMINATOR PERFORMANCE IN A VIBRATION ENVIRONMENT //. FINAL REPORT. MAY 1962. 73 P. /CONTRACT NOW 61-0564D/ /BR-1767/ CONFIDENTIAL REPORT	1962
19620008689	FRACTURE MECHANICS OF SOLID PROPELLANTS /U/. <THIRD COMPREHENSIVE QUARTERLY REPORT,< APR. 1, 1962 - JUNE 30, 1962	1962
19620008690	AERODYNAMIC DATA FOR SEVERAL TWO-STAGE MISSILE CONFIGURATIONS WITH VARIABLE STAGE SEPARATION AND WITHOUT JET FLOW AT MACH NUMBERS 2.5, 3.5, AND 5.0	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008691	PHASE 1 OF THE LARGE SOLID ROCKET PROGRAM /U/. FINAL REPORT, <JULY 1960 - FEB. 1962<	1962
19620008692	QUARTERLY REPORT <OF THE< PROPULSION LABORATORY, RESEARCH AND DEVELOPMENT DIRECTORATE, 1 JAN. TO 31 MAR. 1962	1962
19620008693	INVESTIGATION OF MULTICOMPONENT PROPELLANT CONCEPT /U/. THIRD QUARTERLY PROGRESS REPORT, JAN. 1, 1962 TO MAR. 31, 1962	1962
19620008694	ON THE DESIGN, FABRICATION AND STATIC FIRING OF A FULL SCALE LITHIUM COOLED ROTATING NOZZLE //. MONTHLY PROGRESS REPORT NO. 10 AND 11, MAY 15, 1962 AND JUNE 15, 1962	1962
19620008696	WEAPON SYSTEM 133A- PROGRAM PROGRESS, 1 JAN. THRU 31 MAR. 1962, VOL. II	1962
19620008697	IMPROVED STAGE I MINUTEMAN PROGRAM	1962
19620008698	ADVANCEMENT OF SOLID PROPELLANT ROCKETRY. QUARTERLY PROGRESS REPORT OF ARMY SUPPORTING RESEARCH /U/. JAN.-MAR. 1962	1962
19620008699	QUARTERLY PROGRESS REPORT ON AIR FORCE HIGH ENERGY SOLID PROPELLANT PROGRAM, FEB. 15 - MAY 15, 1962	1962
19620008700	QUARTERLY PROGRESS REPORT ON INORGANIC CHEMISTRY /U/. OCT. 1, 1961 - JUNE 30, 1962	1962
19620008706	SEMIANNUAL REPORT OF BALLISTIC MISSILE RADIATION ANALYSIS CENTER, 1 JULY 1961 - 31 DECEMBER 1961	1962
19620008708	AN ASSESSMENT OF ENEMY MISSILE CAPABILITIES BY OPTICAL MEASUREMENTS	1962
19620008710	WEIGHING RE-ENTRY BODIES BY DOWNRANGE MEASUREMENTS /U/. MEMORANDUM OF BAMIRAC	1962
19620008713	IMPROVED STAGE I MINUTEMAN PROGRAM /U/. PROGRAM PROGRESS <REPORT, 1 THRU 31 MAY 1962<	1962
19620008715	THE DEVELOPMENT OF PLASTISOL PROPELLANT FOR THE NIKE-ZEUS BOOSTER	1962
19620008717	Light Metal Hydrides as Solid Propellant Components	1962
19620008718	NAVY PARTICIPATION IN PROJECT ADVENT //. SEMIANNUAL TECHNICAL PROGRESS REPORT NO. 31, 1 JAN. 1962 THROUGH 30 JUNE 1962	1962
19620008720	PYROLYTIC GRAPHITE - STRUCTURAL DESIGN CRITERIA /U/. 1 JULY 1961 TO 31 JUNE 1962	1962
19620008722	STUDY OF RESONANCE BEHAVIOR IN SOLID PROPELLANTS /U/. SECOND QUARTERLY TECHNICAL REPORT, <ENDING JUNE 15, 1962<	1962
19620008723	WEAPON SYSTEM 133B- DEVELOPMENT OF AN IMPROVED SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. PROGRAM PROGRESS REPORT, 1 THROUGH 30 JUNE 1962	1962
19620008724	SOLID PROPELLANT RESEARCH AND DEVELOPMENT-- THEORETICAL PERFORMANCE CALCULATIONS AND THE STUDY OF MULTIPHASE FLOW THROUGH ROCKET NOZZLES. QUARTERLY PROGRESS REPORT NO. 5, MAR.-MAY, 1962. JULY 1962	1962
19620008725	RESEARCH AND DEVELOPMENT TO ADVANCE THE STATE-OF-THE-ART OF HIGH ENERGY SOLID PROPELLANTS //. PROJECT F. FINAL REPORT, <JUNE 15, 1961 THROUGH FEB. 15, 1962<	1962
19620008731	ARPA SOLID PROPELLANT RESEARCH PROGRAM /U/. QUARTERLY PROGRESS REPORT, APR. - JUNE 1962	1962
19620008732	POLARIS PROGRESS REPORT FOR MAY 1962 - AERODYNAMICS DEPT	1962
19620008742	REGIONS AERIAL INFRARED SENSING PROGRAM	1962
19620008743	AERODYNAMIC CHARACTERISTICS OF THE A3D-2 AIRPLANE WITH AND WITHOUT WING-CAMBER AND WITH TWO XASM-N-8 CORVUS MISSILES AT HIGH SUBSONIC SPEEDS	1962
19620008744	SYNTHESIS OF A HIGH ENERGY MONOPROPELLANT /U/. FINAL REPORT, <1 MAR. 1961.-28 FEB. 1962<	1962
19620008745	ULTRA-LOW-CHAMBER-PRESSURE SYSTEMS. VOLUME I - TEXT. VOLUME II - ILLUSTRATIONS AND TABLES. /U/. <FINAL< TECHNICAL DOCUMENTARY REPORT <15 JUNE 1960 - 1 JUNE 1962<	1962
19620008747	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. <TWELFTH MONTHLY< PROGRAM PROGRESS REPORT, 1 THROUGH 30 JUNE 1962	1962
19620008750	ANALYSIS OF THE NOTS REFORM CYCLE FOR HIGH SPEED TURBOJET ENGINES	1962
19620008751	SERGEANT ARTILLERY GUIDED MISSILE SYSTEM /U/. SERGEANT GUIDED MISSILE SUMMARY NO. 12 FOR THE <THIRTY-FOURTH BIMONTHLY< PERIOD, 1 MAY THROUGH 30 JUNE 1962	1962
19620008752	THREE DIMENSIONAL FLOW FIELDS /U/. <COVERING PERIOD JULY 1, 1961 TO JUNE 30, 1962<	1962
19620008755	POLARIS PROGRESS REPORT FOR JUNE 1962 - BALLISTICS DEPARTMENT	1962
19620008756	RAM-JET PROPULSION BY NUCLEAR REACTORS. A LITERATURE SEARCH	1962
19620008758	ALTITUDE TEST OF A HERCULES X-259-A2 THIRD-STAGE SCOUT MOTOR /MOTOR SERIAL NUMBER HPC-20/	1962
19620008759	COMBINED RADIATIVE AND CONVECTIVE HEAT TRANSFER EFFECTS ON ABLATION MATERIALS /U/. <COVERING PERIOD 1 JULY 1961 TO 30 JUNE 1962<	1962
19620008760	DEVELOPMENT OF AN ELECTRON BEAM EXCITATION TECHNIQUE FOR THE EXPERIMENTAL STUDY OF NEAR WAKE FLOWS /U/. <COVERING PERIOD JULY 1961 TO JUNE 1962<	1962
19620008761	REPORT OF SERVICE ACCEPTANCE TRIALS ON MODEL HSS-2 AIRCRAFT. <FINAL REPORT<	1962
19620008764	A MECHANISM FOR THE PENTABORANE HYDRAZINE REACTION. TECHNICAL DOCUMENTARY REPORT <FISCAL YEAR 1960<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008765	DETONATION PROPAGATION /U/. <FINAL< TECHNICAL DOCUMENTARY REPORT <JULY 1960 TO JULY 15, 1961<	1962
19620008766	RESEARCH AND DEVELOPMENT OF METAL HYDRIDE ORGANIC NITROGEN COMPLEXES /U/. QUARTERLY PROGRESS REPORT NO. 2, MAR. 15 TO JUNE 15, 1962	1962
19620008768	POLARIS PROGRESS REPORT FOR JUNE 1962--AERODYNAMICS DEPT	1962
19620008769	RESEARCH ON HIGH ENERGY FUELS FOR USE IN ADVANCED SOLID ROCKET PROPELLANTS /U/. QUARTERLY REPORT NO. 1-5648, QUARTER ENDING JUNE 30, 1962	1962
19620008770	HIGH ENERGY STORABLE LIQUID MONOPROPELLANT SYNTHESIS AND DEVELOPMENT /U/. FINAL REPORT <JULY 16, 1960 - AUG. 15, 1961<	1962
19620008772	THE BUCKLING OF PLATES TAPERED IN PLANFORM	1962
19620008783	SUBSONIC WIND TUNNEL TESTS OF A .06 SCALE MODEL OF THE EAGLE MISSILE UTILIZING A CAPTIVE TRAJECTORY TECHNIQUE	1962
19620008784	FEASIBILITY STUDY OF VORTEX INJECTION TECHNIQUES	1962
19620008785	REPORT OF SERVICE ACCEPTANCE TRIALS ON MODEL AO-1BF AIRCRAFT. FINAL REPORT	1962
19620008787	RESEARCH IN PROPELLANT CHEMISTRY- ARPA SOLID PROPELLANT PROGRAM /U/. QUARTERLY PROGRESS REPORT <NO. 6<, MAY-JULY 1962	1962
19620008788	STATE-OF-THE-ART OF COMBUSTION OF SOLID PROPELLANTS - 1961	1962
19620008789	FIRING TEST REPORT- NIKE HERCULES ROUND B-327, MISSILE SERIAL NO. 1810D-14799, FIRED 28 JUNE 1962, WHITE SANDS MISSILE RANGE	1962
19620008796	FEASIBILITY ANALYSIS OF AN ALTITUDE SENSING HYPERSONIC NOSE PROBE /U/. <COVERING PERIOD< 1 JULY 1961 - 30 JUNE 1962	1962
19620008797	HIGH TEMPERATURE MATERIALS DEVELOPMENT. NINTH QUARTERLY REPORT, APR. 1, 1962 - JUNE 30, 1962	1962
19620008798	FORCE DATA ON A BLUNT BODY OF ELLIPTICAL CROSS SECTION	1962
19620008799	WEAPON SYSTEM 133A- CONTINUOUS PROPELLANT PROCESSING PROGRAM CONDUCTED IN SUPPORT OF MINUTEMAN SECOND-STAGE MOTOR DEVELOPMENT EFFORT	1962
19620008800	RESEARCH ON SYNTHESIS OF HIGH ENERGY OXIDIZERS /U/. FINAL SUMMARY REPORT, 1 MAY 1959 THROUGH 30 APR. 1962	1962
19620008811	Altitude evaluation of radio frequency attenuation in the exhaust jet of the XLR91-AJ-5 Engine	1962
19620008812	WEAPON SYSTEM 133B- DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE /U/. <FIRST MONTHLY< PROGRAM PROGRESS <REPORT< 1 THROUGH 31 JULY 1962	1962
19620008817	Investigation of mechanisms of potential aircraft fuel tank vent fires and explosions caused by atmospheric electricity	1962
19620008818	Instrumentation Plan - C-3 Sycamore S-4 AMR Complex 36	1962
19620008819	PLASMA DIAGNOSTICS TECHNIQUES	1962
19620008820	MANEUVERING SATELLITE PROPULSION SYSTEM STUDY- SYSTEM DESIGN /U/. <PHASE II<. <FINAL REPORT<	1962
19620008821	PREPARATION OF HIGH ENERGY STORABLE PROPELLANTS /U/. QUARTERLY REPORT NO. 2, FEB. 21 THROUGH MAY 20, 1962	1962
19620008822	A RADAR WITH SIMULTANEOUS PULSE COMPRESSION AND BEAM SHARPENING	1962
19620008823	RATE OF VAPORIZATION OF PYROLYTIC GRAPHITE AND ZIRCONIUM NITRIDE	1962
19620008825	ROTOR OPTIMIZATION AND PERFORMANCE ANALYSIS LEADING TO THE CL-595 CONFIGURATION. APPENDIX- AERODYNAMIC ANALYSIS OF A PURE FEATHERING RIGID ROTOR SYSTEM	1962
19620008826	STABILITY AND CONTROL PARAMETER OPTIMIZATION LEADING TO THE CL-595 CONFIGURATION. APPENDIX A- DYNAMIC STABILITY AND CONTROL RESPONSE	1962
19620008827	STRUCTURAL DESIGN CRITERIA AND LOADS. PART II - STRUCTURAL DESIGN LOADS	1962
19620008828	HELICOPTER FUSELAGE WIND TUNNEL STUDIES LEADING TO THE CL-595 CONFIGURATION	1962
19620008829	MODEL 186 HELICOPTER. PROGRESS REPORT NO. 5, JUNE 1-JULY 1, 1962	1962
19620008830	SPECIFICATION OF JET FUEL HYDROGEN CONTENT FOR CONTROL OF COMBUSTION CLEANLINESS. PROGRESS REPORT NO. 1 <APR.-MAY 1962<	1962
19620008831	PILOT EVALUATION OF VANADIUM ALLOYS. BIMONTHLY REPORT NO. 5 MAY 18-JULY 17, 1962	1962
19620008832	MODEL 186 HELICOPTER. PROGRESS REPORT NO. 6, JULY 1 TO AUG. 1, 1962	1962
19620008833	RESEARCH ON THE COMPATIBILITY OF WELDED STRUCTURAL MATERIALS WITH CHLORINE TRIFLUORIDE, PERCHLORYL FLUORIDE AND A MIXTURE OF THESE. FIRST QUARTERLY PROGRESS REPORT <APR. 1 TO JUNE 30, 1962<	1962
19620008834	POTENTIAL OF FILAMENT WOUND COMPOSITES. FINAL REPORT, 1 MAR. 1961 THROUGH 28 FEB. 1962	1962
19620008835	HIGH TEMPERATURE MATERIALS DEVELOPMENT. <THIRTY-FIRST MONTHLY< PROGRESS REPORT, JULY 1962	1962
19620008836	Theoretical investigation on the satellite problem, Kepler's equation and the solution of some differential equations	1962
19620008837	Dry heat sterilization of components for space probes	1962
19620008838	Incipient motion of liquid in vertical rectangular tank following sudden application or removal of gravity	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008839	RESEARCH ON THE PROCESSING OF SATELLITE PHOTOGRAPHY BY DIGITAL TECHNIQUES	1962
19620008842	ATC LINAR RECEIVER. FINAL REPORT <10 JULY 1961 - 30 MAY 1962<	1962
19620008843	FIRST QUARTERLY REPORT <MAR. 15-JUNE 15, 1962<. <STUDY AND DEVELOPMENT OF AN ANGULAR RATE INDICATING INSTRUMENT BASED ON MEASURING THE ANGULAR RATE OF AN ARTIFICALLY INDUCED VORTEX<	1962
19620008844	PROGRAMMED MANEUVER-SPECTRUM FATIGUE TESTS OF AIRCRAFT BEAM SPECIMENS. FINAL REPORT	1962
19620008845	Orbital launch operations, Vol-V: Computer requirements and applications	1962
19620008846	Orbital Launch Operations-Vol. VI: Automatic checkout equipment	1962
19620008847	ADVANCED RESEARCH ON SOLID ROCKET PROPELLANTS /U/. <SECOND< QUARTERLY PROGRESS REPORT, APR. - JUNE, 1962	1962
19620008848	FUELS SYNTHESIS. (IN ADVANCED RESEARCH ON SOLID ROCKET PROPELLANTS)	1962
19620008849	OXIDIZER SYNTHESIS. (IN ADVANCED RESEARCH ON SOLID ROCKET PROPELLANTS)	1962
19620008850	NITROGEN CHEMISTRY. (IN ADVANCED RESEARCH ON SOLID ROCKET PROPELLANTS)	1962
19620008851	PHYSICAL CHEMISTRY. (IN ADVANCED RESEARCH ON SOLID ROCKET PROPELLANTS)	1962
19620008852	TESTING AND FORMULATION. (IN ADVANCED RESEARCH ON SOLID ROCKET PROPELLANTS)	1962
19620008853	BIOCHEMICAL RESEARCH. (IN ADVANCED RESEARCH ON SOLID ROCKET PROPELLANTS)	1962
19620008854	RESEARCH AND DEVELOPMENT OF NEW AND IMPROVED OXIDIZERS FOR USE IN SOLID PROPELLANTS /U/. QUARTERLY TECHNICAL SUMMARY REPORT NO. 16, PERIOD ENDING MAY 14, 1962	1962
19620008858	Investigation of adhesion and cohesion of metals in ultrahigh vacuum	1962
19620008860	IMPROVED STAGE 1 MINUTEMAN PROGRAM /U/. PROGRAM PROGRESS <REPORT, 1 THRU 30 JUNE 1962<	1962
19620008863	AN ARTILLERY INFRARED DETECTOR /U/. MEMORANDUM OF PROJECT MICHIGAN	1962
19620008867	STATIC STABILITY CHARACTERISITICS OF SEVERAL CONFIGURATIONS OF THE MISSILE "A" AT TRANSONIC SPEEDS	1962
19620008868	FORCE, PRESSURE, AND HEAT TRANSFER TESTS OF THE GE SKYBOLT NOSE CONE AT MACH 10	1962
19620008873	ROCKET-ENGINE SYSTEMS FOR EVASIVE SATELLITES AND SATELLITE INTERCEPTORS /U/. VOLUME IV - RECOMMENDATIONS. FINAL REPORT <16 JUNE - 15 DEC. 1961<	1962
19620008879	EVALUATION OF BEARING AND LUBRICANT COMBINATIONS FOR THE AIRTURBOROCKET ENGINE. SUMMARY REPORT	1962
19620008881	HIGH-ENERGY STORABLE LIQUID PROPELLANT SYSTEM /U/. QUARTERLY PROGRESS REPORT <15 APR. THROUGH 15 JULY 1962<	1962
19620008882	DEVELOPMENT OF HIGH ENERGY SOLID PROPELLANT FORMULATIONS /U/. QUARTERLY PROGRESS REPORT NO.1, APR. 1 - JUNE 30, 1962	1962
19620008883	RESEARCH ON LIGHT METAL CONTAINING HIGH ENERGY FUELS AND COMPLETE HIGH ENERGY OXIDIZERS. QUARTERLY PROGRESS REPORT NO. 4, APR. - JUNE 1962	1962
19620008890	AN INVESTIGATION OF SOME PARAMETERS WHICH INFLUENCE BASE HEATING ON MISSILE BODIES WITH RING-CLUSTER NOZZLES	1962
19620008891	ALTITUDE TESTING OF 10KS2500 MOTORS TO EVALUATE PERFORMANCE OF SOLID PROPELLANTS FOR SECOND-STAGE MINUTEMAN /U/. TECHNICAL DOCUMENTARY REPORT <MAY 17 THROUGH MAY 29, 1962<	1962
19620008892	INVESTIGATION OF ABLATIVE-NOZZLE CONCEPTS /U/. FINAL TECHNICAL SUMMARY REPORT FOR THE PERIOD OF 1 JULY 1961 THROUGH 15 JUNE 1962	1962
19620008894	WEAPON SYSTEM 133A- PRODUCTION OF M56 SECOND-STAGE MINUTEMAN MOTORS. <FOURTH QUARTERLY< PROGRAM PROGRESS REPORT, APRIL THROUGH JUNE 1962	1962
19620008895	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. PROGRAM PROGRESS REPORT, 1 THROUGH 31 JULY 1962	1962
19620008896	WEAPON SYSTEM 133B- DEVELOPMENT OF AN IMPROVED SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. PROGRAM PROGRESS REPORT, 1 THROUGH 31 JULY 1962	1962
19620008897	A STUDY OF THE AERODYNAMIC DRAG ON A 1/11-SCALE MODEL W2F-1 AIRCRAFT. PART I - UNPOWERED MODEL TESTS	1962
19620008898	THERMAL DISTRIBUTIONS IN ANISOTROPIC HEMISPHERICAL SHELLS OF GRADED MATERIALS FOR SEVERAL THICKNESSES	1962
19620008906	A THEORETICAL AND EXPERIMENTAL PROGRAM TO ESTABLISH AND PROVE A DESIGN FOR A LIQUID PROPELLANT ROCKET ENGINE SYSTEM FOR AN EVASIVE SATELLITE OR A SATELLITE INTERCEPTOR'. FOURTH QUARTERLY PROGRESS REPORT	1962
19620008907	DEVELOPMENT OF HIGH ENERGY, STORABLE LIQUID PROPELLANT SYSTEMS /U/. FINAL TECHNICAL DOCUMENTARY REPORT <10 MARCH 1961 THROUGH 10 MARCH 1962<	1962
19620008908	STATUS OF DEVELOPMENT PROJECTS /U/. QUARTERLY PROGRESS REPORT NO. 38, APR. 16 THROUGH JULY 15, 1962	1962
19620008910	WEAPON SYSTEM 133A- SECOND-STAGE MINUTEMAN M56E1 WING II MOTOR DATA BOOK /U/. TECHNICAL OPERATING REPORT	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620008911	INSERTION LOSS OF A BRICK WALL AT UHF	1962
19620008915	A PERFORMANCE SCHEDULE FOR EXTENDED SPACE FLIGHT WITH THE CHIMPANZEE. <FINAL REPORT<	1962
19620008920	THE MAGNETOSPHERE DURING MAGNETIC STORMS, A WHISTLER ANALYSIS. TECHNICAL REPORT NO. 12	1962
19620008921	THE EFFECT OF AN ANALGESIC AGENT ON MUSCULAR WORK DECUREMENT	1962
19620008922	FREE FIELD THRESHOLD SHIFT AND TEMPORARY THRESHOLD SHIFT REDUCTION AS MEASURES OF EFFICIENCY OF EAR PROTECTIVE DEVICES	1962
19620008923	QUARTERLY STATUS REPORT NO. 3/A-C/, MARCH 1, 1962 - MAY 31, 1962	1962
19620008924	Theoretical study of hypervelocity and cratering	1962
19620008925	Theoretical and experimental analysis of the electromagnetic scattering and radiative properties of terrain, with emphasis on lunar-like surfaces	1962
19620008926	Research on analytical methods for oxygen in liquid alkali metals	1962
19620008927	Burroughs 220 Digital Computer Program	1962
19620008928	Investigatoin of the annoyance effects of sonic boom	1962
19620008929	An experimental investigation of radiation effects in semiconductors	1962
19620008931	Failure criteria for viscoelastic materials	1962
19620008932	Experimental test results	1962
19620008934	FRANTIC PROGRAM FOR ANALYSIS OF EXPONENTIAL GROWTH AND DECAY CURVES	1962
19620008935	PACKAGED LIQUID PROPELLANTS /U/. FIRST QUARTERLY PROGRESS REPORT, 2 JAN. 1962 TO 31 MAR. 1962	1962
19620008937	Preliminary Results on Heat Transfer to the Afterbdy of the Aollo Reentry Configuraton at a Mach Number of 8	1962
19620008938	RESEARCH AND DEVELOPMENT ON ENCAPSULATED INGREDIENTS FOR SOLID PROPELLANTS /U/. <FIRST< ANNUAL <TECHNICAL SUMMARY< REPORT COVERING <PERIOD< 1 MAY 1961 TO 31 MAY 1962	1962
19620008939	QUARTERLY PROGRESS REPORT ON INTERIOR BALLISTICS, NOVEMBER 15, 1961 - FEBRUARY 15, 1962	1962
19620008943	RADIATION THEORY	1962
19620008945	DEVELOPMENT OF SOLID ROCKET PROPELLANT SYSTEM CAPABLE OF WITHSTANDING EXTENDED STORAGE IN SPACE ENVIRONMENT /U/. QUARTERLY PROGRESS REPORT NO. 1, MAY 18 TO AUG. 17, 1962	1962
19620008946	RESEARCH AND DEVELOPMENT OF AN ADVANCED POLARIS PROPELLANT /U/. PERIOD COVERED- 1 MAY THROUGH 31 JULY 1962	1962
19620008948	FLUTTER TESTS OF A 70-DEG DELTA WING AT MACH NUMBERS 2.5 THROUGH 6	1962
19620008952	CHEMICALLY REACTING BOUNDARY LAYERS	1962
19620008953	LIGHTWEIGHT HARD PARTS FOR SOLID PROPELLANT MOTORS	1962
19620008956	VHF TELEMETRY BAND AUTOMATIC ANTENNA MATCHER	1962
19620008958	WEAPON SYSTEM 133A- PROGRAM PROGRESS <REPORT< 1 APRIL THRU 30 JUNE 1962	1962
19620008967	INTEGRATED RESEARCH AND DEVELOPMENT PROGRAM ON SOLID ROCKET PROPELLANTS'. PROGRESS REPORT NO. 10, APR. 1 - JUNE 30, 1962	1962
19620008968	CHEMISTRY. (IN ITS INTEGRATED RESEARCH AND DEVELOPMENT PROGRAM ON SOLID ROCKET PROPELLANTS)	1962
19620008969	[No Title]	1962
19620008970	Space biophysics preparatory program for biosatellite research	1962
19620008971	DETECTION AND ANALYSIS OF COSMIC RADIATION AT BALLOON ALTITUDES. <FINAL REPORT<	1962
19620008972	CRASH INJURY EVALUATION- HELMET DESIGN CRITERIA. BASED ON THE U.S. ARMY APH-5 HELMET EVALUATION	1962
19620008973	LIST OF PUBLICATIONS DISTRIBUTED EXTERNALLY, OCTOBER 1953 THROUGH MARCH 1962	1962
19620008974	URINARY EXCRETION PATTERNS DURING THE MANHIGH TESTS. <FINAL REPORT<	1962
19620008975	EXPERIMENTAL RESEARCH- DYNAMIC TEST OF AN EXPERIMENTAL TROOP SEAT	1962
19620008977	STEROID-PROTEIN INTERACTIONS. IX. THE INTERACTION OF ALDOSTERONE WITH HUMAN SERUM PROTEINS IN COMPETITION WITH SPIROLACTONES AND OTHER STEROIDS	1962
19620008978	LOCAL EFFECT OF AMP, ADP, AND ATP UPON SMALL AND LARGE VESSEL RESISTANCE	1962
19620008979	THE EFFECT OF TRAINING LEVEL AT THE TIME OF DELAY INTRODUCTION ON RUNWAY PERFORMANCE	1962
19620008980	EFFECT OF ELEVATED TEMPERATURES ON STRENGTH PROPERTIES OF REINFORCED PLASTIC LAMINATES	1962
19620008981	Study of purification of water from biological waste	1962
19620008982	Research on the Adaptive Behavior of Pilots in Simulated Control Situations Progress Report No. 4 1 Sep. 1961 - 30 Jun. 1962	1962
19620008988	Screening program on superalloys for trisonic trasportevaluation of effects of aging on room temperature tensile properties of cold worked RENE 41, A286, D979, and waspoloy	1962
19620009002	Delta restraints manual	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009003	QUARTERLY PROGRESS REPORT ON CHEMICAL AND PROPELLANT PROCESSING /U/. DEC. 15, 1961 - MAR. 15, 1962	1962
19620009007	THE SEROLOGICAL SPECIFICITY OF RADIATION ALTERED HUMAN SERUM GAMMA GLOBULIN	1962
19620009008	THE EFFECT OF TREADMILL GRADE ON PERFORMANCE DECREMENT USING A TITRATION SCHEDULE	1962
19620009009	MEASURE THEORETICAL FOUNDATIONS OF SURFACE AREA THEORY. FINAL REPORT	1962
19620009015	MODIFICATIONS TO THE PASSENGER SEAT-BELT TIEDOWN ATTACHMENTS IN THE U.S. ARMY HU-1 SERIES BELL IROQUOIS HELICOPTER	1962
19620009016	INORGANIC DIELECTRICS RESEARCH. PROGRESS REPORT NO. 11, FEB. 1, 1962 TO MAY 1, 1962	1962
19620009017	S-2B SNOW AERIAL-APPLICATOR AIRCRAFT ACCIDENT. REPORT OF CRASH INJURY INVESTIGATION, PHOENIX, ARIZONA, 18 OCT. 1961	1962
19620009018	COMMENTS ON THE EQUATION OF ROCKET MOTION	1962
19620009026	RESEARCH FOR LOW AND HIGH EMITTANCE COATINGS. TECHNICAL DOCUMENTARY REPORT <APR. 1961 - APR. 1962<	1962
19620009027	FLUID TYPE JOINING OF GLASS AND RESIN STRUCTURE OF ATTACHMENT AREAS. <FINAL< TECHNICAL REPORT, JUNE 1960-AUGUST 1961	1962
19620009028	AN ARC-IMAGING FURNACE FOR MATERIALS RESEARCH. <FINAL< REPORT <JANUARY 1961 THROUGH JANUARY 1962<	1962
19620009029	F-105D CATEGORY II PERFORMANCE AND STABILITY TESTS	1962
19620009030	THE MECHANICAL DESIGN OF A HIGH TEMPERATURE MACH NUMBER 4 AXISYMMETRIC WIND TUNNEL NOZZLE. <FINAL< TECHNICAL DOCUMENTARY REPORT	1962
19620009031	On the Range of Validity of the Brysk Approximation	1962
19620009034	MAGNETOGASDYNAMIC ACCELERATOR TECHNIQUES. <FINAL REPORT<	1962
19620009040	Non-Equilibrium Flow Studies	1962
19620009041	A STUDY OF HIGH-ENERGY FLUORINE-CONTAINING PROPELLANTS /U/. FINAL REPORT, 15 MAR. 1958 - 31 MAY 1962	1962
19620009042	STUDIES OF AN ELECTRICALLY HEATED SHOCK DRIVEN TEST FACILITY FOR HIGH ENTHALPY FLIGHT SIMULATION /U/. <COVERING PERIOD 1 JULY 1961 TO 30 JUNE 1962<	1962
19620009043	TEFLON MDI CONTAMINATION STUDIES /U/. 1 JULY 1961 - 30 JUNE 1962	1962
19620009045	CALCULATION OF RADAR CROSS-SECTIONS OF RE-ENTRY VEHICLE WAKES /U/. 1 JULY 1961 - 30 JUNE 1962	1962
19620009053	LUBRICATION IN SPACE ENVIRONMENTS. <FINAL REPORT<	1962
19620009055	TRANSONIC INVESTIGATION OF THREE PITOT-STATIC PROBES DESIGNED FOR PRESSURE-ERROR COMPENSATION	1962
19620009056	UNDERCARRIAGE DYNAMIC TEST MACHINE STUDY. <FINAL< TECHNICAL DOCUMENTARY REPORT <JUNE 1960 - DEC. 1961<	1962
19620009060	SYNTHESIS OF NEW PLASTICS AND PLASTIC COMPOSITES FOR ROCKET NOZZLES. FIRST QUARTERLY REPORT COVERING THE PERIOD 1 MARCH 1962 THROUGH 30 MAY 1962	1962
19620009061	INVESTIGATION OF A NET CREW SEAT CONCEPT FOR ADVANCED FLIGHT VEHICLES. PART I. INVESTIGATION AND DESIGN. <FINAL REPORT< FEB. TO AUG. 1961	1962
19620009062	IRIA ANNOTATED BIBLIOGRAPHY OF INFRARED LITERATURE, VOLUME VI, NUMBER 2 /U/. <TWENTY-FIRST REPORT, 25 FEB. TO 25 MAY 1962<	1962
19620009063	DESIGN AND DEVELOPMENT OF SOLID-ROCKET COMBUSTIBLE MANDRELS /U/. PERIOD COVERED- 16 MAY THROUGH 15 AUGUST 1962	1962
19620009065	THE CALCULATION OF A CHEMICALLY REACTING BOUNDARY LAYER FLOW ALONG A BODY	1962
19620009066	OPTIMAL FIRING ANGLES AND THEIR ACQUISITION PROBABILITY FOR A SALVO OF STRAIGHT-RUNNING TORPEDOES	1962
19620009067	THERMAL ACCOMMODATION STUDIES /U/. <PERIOD- SEPT. 1961 TO MAY 1962<	1962
19620009068	MANEUVERING SATELLITE PROPULSION SYSTEM DEMONSTRATION /U/. QUARTERLY PROGRESS REPORT NO. 1, FOR PERIOD 7 MAY THROUGH 15 AUG. 1962	1962
19620009069	A LIGHTWEIGHT NAVIGATION AND TERRAIN AVOIDANCE RADAR FOR AIRCRAFT	1962
19620009073	Encapsulating Process Development for Reactive Propellant Ingredients (Unclassified Title). Interim Technical Progress Report, 1 May 1962 to 31 July 1962	1962
19620009074	OPERATION HOT DECK /U/. /PRELIMINARY REPORT/. PILOT STUDY OF AERIAL SENSING OF NATURAL HIGH TEMPERATURE TERRAIN FEATURES	1962
19620009075	INCIPIENT SHOCK FORMATION	1962
19620009080	PARAMETRIC PERFORMANCE OF SUPERSONIC COMBUSTION RAMJETS'	1962
19620009087	A CONTINUATION OF THE SYNTHESIS AND EVALUATION OF PYRAZINE DERIVATIVES FOR USE AS FUNCTIONAL FLUIDS IN HIGH TEMPERATURE AND OXIDATION ENVIRONMENTS QUARTERLY PROGRESS REPORT NO. 9, COVERING PERIOD 1 MAR. 1962 TO MAY 1962	1962
19620009088	FLUIDS /FUELS, LUBRICANTS, HYDRAULIC FLUIDS, AND ELECTRONIC COOLANTS/ FOR HIGH TEMPERATURE APPLICATIONS. <FINAL REPORT<	1962
19620009089	RESEARCH ON DYNAMIC SELF-ORGANIZING PATTERN RECOGNITION MODEL. <FINAL< TECHNICAL DOCUMENTARY REPORT <FEB. 1961 - FEB. 1962<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009090	FLOW REGIMES FOR HYPERVELOCITY VEHICLES. <FINAL< TECHNICAL DOCUMENTARY REPORT <JAN. 2 - NOV. 15, 1961<	1962
19620009091	THE ANALYSIS OF THE BASIC FACTORS INVOLVED IN THE PROTECTION OF TUNGSTEN AGAINST OXIDATION. <FINAL< TECHNICAL DOCUMENTARY REPORT <APR. 1 - DEC. 1, 1961<	1962
19620009094	SIMULATION OF THE TRANSIENT RE-ENTRY HEAT TRANSFER IN AN ARC WIND TUNNEL. <FINAL< TECHNICAL DOCUMENTARY REPORT <JAN.-JULY 1960<	1962
19620009095	DESIGN ANALYSIS OF FINAL RECOVERY PARACHUTES B-70 ENCAPSULATED SEAT AND THE USD-5 DRONE. <FINAL< TECHNICAL DOCUMENTARY REPORT <MAY 1 - DEC. 31, 1961<	1962
19620009096	ON DEVELOPING A LOW ALTITUDE TURBULENCE MODEL FOR AIRCRAFT GUST LOADS. <FINAL< TECHNICAL DOCUMENTARY REPORT <APR. 1960 - JUNE 1961<	1962
19620009098	RESEARCH AND DEVELOPMENT OF HIGH ENERGY SOLID PROPELLANTS CONTAINING UNENCAPSULATED OXIDIZER /U/. FINAL REPORT <PERIODS SEPT. 1, 1961 THROUGH FEB. 28, 1962 AND APR. 2, 1962 THROUGH MAY 14, 1962<	1962
19620009102	QUARTERLY PROGRESS REPORT ON PHYSICAL CHEMISTRY, MARCH 1 - MAY 31, 1962	1962
19620009103	QUARTERLY PROGRESS REPORT ON PROCESS RESEARCH, FEBRUARY 1 - JULY 31, 1962	1962
19620009106	HIGH ENERGY SOLID OXIDIZER PRODUCTION PROCESS /U/. FINAL TECHNICAL ENGINEERING REPORT, VOLUME I <8 MAR. 1961 TO 30 JUNE 1962<	1962
19620009108	MINUTEMAN PROGRAM QUARTERLY PROGRESS REPORT, 1 JANUARY THRU 31 MARCH 1962'	1962
19620009109	QUARTERLY PROGRESS REPORT- RESEARCH IN CHEMISTRY, APRIL - JUNE 1962	1962
19620009110	IMPROVED STAGE 1 MINUTEMAN PROGRAM /U/. PROGRAM PROGRESS REPORT <1 JULY - 12 AUG. 1962<	1962
19620009111	ADVANCED FLIGHT VEHICLE SELF-ADAPTIVE FLIGHT CONTROL SYSTEM. PART IV - NOTCH FILTER DEVELOPMENT. <FINAL< REPORT	1962
19620009117	INTERACTION BETWEEN VISUAL RANGE AND LONGITUDINAL SPACING OF ELEMENTS IN DISTANCE-CODED RUNWAY LIGHTING ARRAYS. FINAL REPORT. PROBLEM 3	1962
19620009118	CRASH INJURY INVESTIGATION- U.S. ARMY NATIONAL GUARD H-13E HELICOPTER ACCIDENT, AMITYVILLE, NEW YORK, 5 JANUARY 1962	1962
19620009119	A TECHNIQUE FOR DETERMINING THE ACCURACY OF REDUCED DATA	1962
19620009120	MANDRELS FOR FILAMENT WINDING. INTERIM TECHNICAL ENGINEERING PROGRESS REPORT NO. 4, 9 MAY 1962 TO 9 AUGUST 1962	1962
19620009121	Preliminary study of the geomagnetically-trapped radiation produced by a high-altitude nuclear explosion on July 9, 1962	1962
19620009122	CLASS III JET GROUND RUNUP NOISE SUPPRESSOR. <FINAL REPORT, 22 NOV. - 3 DEC. 1960<	1962
19620009123	THERMAL STABILITY OF HYDROCARBON FUELS. SECOND YEAR SUMMARY TECHNICAL REPORT <MAY 1, 1961 - APR. 30, 1962<	1962
19620009124	A QUALITATIVE TEST FOR SILICON AND OTHER GROUP IVB ELEMENTS IN ORGANOMETALLIC COMPOUNDS	1962
19620009125	ACOUSTICAL EVALUATION OF THE AIR LOGISTICS CORPORATION JET GROUND RUNUP NOISE SUPPRESSOR MODEL 11000. <FINAL REPORT<	1962
19620009127	DEVELOPMENT OF LUBRICANT SCREENING TESTS AND EVALUATION OF LUBRICANTS FOR GAS TURBINE ENGINES FOR COMMERCIAL SUPERSONIC TRANSPORT. PROGRESS REPORT NO. 1 <MAY 1 - JULY 31, 1962<	1962
19620009129	Study on bell-mode vibrations of conical nozzles	1962
19620009130	LIFT, PITCHING-MOMENT, AND ROLLING-MOMENT COEFFICIENTS ON PLANAR, TWISTED, AND CAMBERED WINGS AND FLAPS FOR 70 DEG DELTA WING. PART I - SUPERSONIC FLOW. <FIRST INTERIM REPORT, JUNE 1960 - DEC. 1961<	1962
19620009132	Instrumented rocket flight program and connected laboratory work	1962
19620009133	Re-entry radiation and air flow	1962
19620009134	Research on sputtering phenomena, surface stability and voltage breakdown for alkali-coated refractory electrodes	1962
19620009135	HIGH TEMPERATURE /-40 DEG TO &550 DEG F AMBIENT/ POWER TRANSMISSION FLUID. <FINAL< TECHNICAL DOCUMENTARY REPORT <JAN. 1, 1960 - JULY 1, 1961<	1962
19620009137	PROJECT HAWK- INTERIM TECHNICAL REPORT NO. 39, APRIL - JUNE 1962	1962
19620009139	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/. <FOURTEENTH MONTHLY< PROGRAM PROGRESS REPORT, 1 THROUGH 31 AUG. 1962	1962
19620009140	PREPARATION AND CHARACTERIZATION OF COMPOUND PFG /U/. FINAL TECHNICAL SUMMARY REPORT, NOV. 3, 1961 - JULY 3, 1962	1962
19620009141	Altitude Testing of the Thiokol TE-345 Solid-Propellant Rocket Motor for Titan II (Qualification Phase)	1962
19620009144	REDUCTION OF RADAR CROSS SECTION OF CONICAL BODIES BY SHAPING /U/. PERIOD 1 JULY 1961 TO 30 JUNE 1962	1962
19620009145	INTERACTION OF CHEMICAL REACTION WITH VIBRATION OR TRANSLATION IN NON-EQUILIBRIUM PROCESSES /U/. PERIOD 1 JULY 1961 TO 30 JUNE 1962	1962
19620009146	ADDENDUM- AN APPROXIMATE SOLUTION FOR THE IONIZATION LEVELS OF NON-EQUILIBRIUM BOUNDARY LAYERS	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009148	BAMBI PHASE II TECHNICAL INVESTIGATIONS /U/. VOLUME IV. FIRST QUARTERLY REPORT	1962
19620009149	BAMBI PHASE II TECHNICAL INVESTIGATIONS /U/. VOLUME V. FIRST QUARTERLY REPORT <11 SEPT. 1961 - 31 DEC. 1961<	1962
19620009153	HANDBOOK OF EQUATIONS FOR MASS AND AREA PROPERTIES ON VARIOUS GEOMETRICAL SHAPES	1962
19620009154	A STUDY OF THE FLOW FIELD, DRAG, AERODYNAMIC HEATING, AND ABLATION OF SHARP CONES ENTERING THE EARTH'S ATMOSPHERE AT SUPERSONIC VELOCITY	1962
19620009155	HIGH ENERGY PROPELLANTS FROM NITROGEN-FLUORINE COMPOUNDS - III	1962
19620009158	RESEARCH AND DEVELOPMENT ON ENCAPSULATED INGREDIENTS FOR SOLID PROPELLANTS	1962
19620009160	EXPERIMENTAL STUDY OF AERODYNAMIC PARAMETERS OF UNSYMMETRICAL NOSE CONE CONFIGURATIONS AT MACH NUMBERS 0.8 TO 5.0	1962
19620009162	THE PYROLYSIS OF PLASTICS IN A HIGH VACUUM ARC IMAGE FURNACE	1962
19620009163	TITANIUM TANKAGE PROGRAM. PHASE I - ADVANCED TANKAGE CONFIGURATION STUDY. PHASE II - TITANIUM TANKAGE DEVELOPMENT /U/. FIRST QUARTERLY TECHNICAL <PROGRESS< REPORT <1 JUNE 1962 - 15 SEPT. 1962<	1962
19620009168	POLARIS PROGRESS REPORT FOR AUGUST 1962 - BALLISTICS DEPARTMENT'	1962
19620009169	POLARIS PROGRESS REPORT FOR AUGUST 1962 - AERODYNAMICS DEPARTMENT'	1962
19620009170	HIGH ENERGY PROPELLANTS FROM NITROGEN-FLUORINE COMPOUNDS - IV	1962
19620009171	HIGH CURRENT DENSITY ION ENGINE DEVELOPMENT /U/. TECHNICAL DOCUMENTARY REPORT <MAY 1961 - MAY 1962<	1962
19620009172	NON-EQUILIBRIUM INVISCID HYPERSONIC AIR FLOW	1962
19620009173	DEVELOPMENT OF HIGH ENERGY SOLID PROPELLANT FORMULATIONS /U/. <FIRST< QUARTERLY PROGRESS REPORT FOR PERIOD ENDING 31 AUG. 1962	1962
19620009174	JOINT ARMY-NAVY-AIR FORCE SOLID PROPELLANT ROCKET STATIC TEST PANEL, PALO ALTO, CALIF., OCT. 17-19, 1962 N. ELEVENTH MEETING BULLETIN. SEPT. 1962	1962
19620009175	STATIC SIDE FORCE CALIBRATION OF A SIX-COMPONENT TEST FIXTURE	1962
19620009176	THRUST VECTOR CONTROL TESTING OF LARGE SOLID MOTORS	1962
19620009177	SPECIAL CONSIDERATIONS REQUIRED FOR THRUST VECTOR CONTROL TESTING	1962
19620009178	END-TO-END IN-PLACE CALIBRATION OF A SINGLE COMPONENT FORCE MEASUREMENT SYSTEM	1962
19620009179	TECHNIQUES USED IN EVALUATING MINIATURE FLIGHT MOTORS	1962
19620009180	MICRO-ROCKET STATIC TESTING	1962
19620009181	MICRO-MOTORS- INSTRUMENTATION AND TEST PROBLEMS	1962
19620009182	TESTING TECHNIQUES FOR SMALL SOLID ROCKET MOTORS AT SIMULATED HIGH ALTITUDE CONDITIONS	1962
19620009183	MILLISECOND EVENT SEQUENCER	1962
19620009184	EVALUATION OF PRESSURE TRANSDUCER RESPONSE WITH A PRESSURE STEP GENERATOR	1962
19620009185	DESIGN CONSIDERATIONS FOR TESTING SOLID ROCKET MOTORS IN HORIZONTAL OR VERTICAL THRUST STANDS	1962
19620009186	STATIC TESTS OF RAMJET SOLID FUELS AND COMBUSTORS	1962
19620009187	EVALUATION OF SOLID PROPELLANT BALLISTIC PROPERTIES BY CONSTANT VOLUME BURNING	1962
19620009188	USE OF X-RAY MOTION PICTURES FOR ROCKET MOTOR STUDIES	1962
19620009189	MASS MEASUREMENT DURING STATIC FIRING	1962
19620009190	WEAPON SYSTEM 133A- DEVELOPMENT LABORATORIES TECHNICAL NOTE /U/. TECHNICAL DOCUMENTARY REPORT /1 APR. THRU 30 JUNE 1962/	1962
19620009192	UNIQUE INJECTOR CONCEPTS DEVELOPMENT /UNICODE/ /U/. <FIFTH QUARTERLY REPORT, 15 JUNE - 14 SEPT. 1962<	1962
19620009198	SIXTH PROGRESS REPORT TO NATIONAL AERONAUTICS AND SPACE ADMINISTRATION ON CRYOGENIC RESEARCH AND DEVELOPMENT FOR PERIOD ENDING JUNE 30, 1962	1962
19620009200	ACOUSTICAL EVALUATION OF THE KOPPERS COMPANY, INC., CLASS III JET GROUND RUNUP NOISE SUPPRESSOR	1962
19620009201	FACTORS GOVERNING THE FORMATION AND GROWTH OF ORGANIC THICKENER PARTICLES. <FINAL REPORT<	1962
19620009202	Research on vibratory-output angular motion sensors	1962
19620009203	STATIC FORCE TESTS AT MACH 8 OF SHARP AND BLUNT 20-DEG HALF-ANGLE CONES AND A BLUNT 70-DEG SWEEP DELTA WING	1962
19620009204	Upper air research at high latitudes	1962
19620009206	ACOUSTICAL EVALUATION OF THE INDUSTRIAL ACOUSTICS COMPANY, INC. TYPE I DURASTACK AIRCRAFT NOISE SUPPRESSOR	1962
19620009207	REFRACTORY REINFORCEMENTS FOR ABLATIVE PLASTICS. PART I. SYNTHESIS AND REACTION MECHANISMS OF FIBROUS ZIRCONIUM NITRIDE. <FINAL REPORT NOV. 1960 - 10 JAN. 1962<	1962
19620009208	THERMOPHYSICAL PROPERTIES ON THERMAL INSULATING MATERIALS. <FINAL REPORT, 1 FEB. 1961 - 19 JAN. 1962<	1962
19620009209	RESEARCH STUDY ON GROUND ENVIRONMENT LOADS CRITERIA FOR GUIDED MISSILES. <FINAL REPORT<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009210	Tiros III attitude summary	1962
19620009211	METHOD OF PRODUCING IMPROVED BEARING COMPONENTS BY ELIMINATION OR CONTROL OF FIBER ORIENTATION, INCLUDING MAGNETIC ANALYSIS. QUARTERLY REPORT NO. 12, MAR. 16 - JUNE 15, 1962	1962
19620009212	Comprehensive report on the S-6 satellite structure	1962
19620009213	AN INVESTIGATION OF TWO INFRARED RADIATION LAMP CONFIGURATIONS AT NEAR VACUUM CONDITIONS. TECHNICAL DOCUMENTARY REPORT. <OCT. 26-DEC. 27, 1961<	1962
19620009214	INVESTIGATION OF FIN GAP EFFECTS ON STATIC STABILITY CHARACTERISTICS OF A FINNED OGIVE-CYLINDER MODEL AT TRANSONIC SPEEDS	1962
19620009215	STUDIES OF THE BRITTLE BEHAVIOR OF CERAMIC MATERIALS. FINAL REPORT NO. 16. JUNE 1960 THROUGH OCT. 1961	1962
19620009216	HIGH TEMPERATURE AIRCRAFT WINDSHIELD DEVELOPMENT PROGRAM. VOLUME II. EDGE ATTACHMENT DEVELOPMENT PHASE FINAL TECHNICAL ENGINEERING REPORT <JUNE 1, 1958 - MAR. 15, 1962<	1962
19620009219	STUDY OF PLASMA AMPLIFIERS. FINAL REPORT	1962
19620009221	STUDY OF DESIGN PARAMETERS FOR STRUCTURE SUBJECT TO AERODYNAMIC HEATING <FINAL REPORT, JUNE 1960 TO APR. 1961<	1962
19620009222	"MEGABOOM- LINEAR WINDBLAST TESTS ON SUBJECTS AND PROTECTIVE EQUIPMENT. FINAL REPORT	1962
19620009223	SATURN PROGRAM, VOLUME II. PICTORIAL PROGRESS REPORT <OCTOBER 1959 - MARCH 1960<	1962
19620009232	LIST OF TRANSLATIONS ON METEOROLOGY AND ATMOSPHERIC PHYSICS	1962
19620009233	TEST FACILITIES HANDBOOK <FOURTH EDITION<, VOLUMES 1-5. JULY 1962	1962
19620009234	INORGANIC DIELECTRICS RESEARCH. PROGRESS REPORT NO. III, MAY 1 TO AUG. 1, 1962	1962
19620009237	HIGH-ACCURACY SATELLITE TRACKING SYSTEMS. FOURTH QUARTERLY REPORT. <JAN. 1 - MAR. 31, 1962<	1962
19620009238	SOME DATA ON THE EFFECT OF THRUST ON DRAG AT SUBSONIC SPEEDS	1962
19620009239	THERMAL DEGRADATION OF POLYMERIC MATERIALS. PART 6. FURTHER POLYPHENYLENE OXIDES AND ARYL POLYMERS IN VACUUM	1962
19620009240	ORGANO-MAGNESIUM AND -LITHIUM DERIVATIVES IN ORGANOPHOSPHORUS CHEMISTRY- A LITERATURE SURVEY	1962
19620009241	A ROLL CONTROL SYSTEM FOR SKYLARK	1962
19620009242	THE MIXING WITH AMBIENT AIR OF A COLD AIRSTREAM IN A CENTRIFUGAL FIELD	1962
19620009243	RESEARCH ON REFRACTORY ALLOYS OF TUNGSTEN, TANTALUM, MOLYBDENUM, AND COLUMBIUM. FOURTH QUARTERLY PROGRESS REPORT <FEB. 1 - APR. 30, 1962<	1962
19620009244	RESEARCH ON REFRACTORY ALLOYS OF TUNGSTEN, TANTALUM, MOLYBDENUM, AND COLUMBIUM. FIFTH QUARTERLY PROGRESS REPORT. MAY 1 - JULY 31, 1962	1962
19620009245	A SURVEY AND EVALUATION OF HIGH ENERGY LIQUID CHEMICAL PROPELLANT SYSTEMS. QUARTERLY REPORT NO. 6, JUNE 16 - SEPT. 15, 1962	1962
19620009246	A 60-POINT COMMUTATOR AND SIGNAL ANALYZER FOR LOW LEVEL AC SIGNALS	1962
19620009248	A COMPARISON OF THEORY AND EXPERIMENT AT THE BORDERS OF TRANSITION FLOW OF A RAREFIED GAS	1962
19620009249	THE EFFECTS OF IONIZATION ON STAGNATION-POINT HEAT TRANSFER IN AIR AND IN NITROGEN. /TASK 3.1- FLOW-FIELD ANALYSIS-REST PROGRAM/	1962
19620009250	LOW LEVEL AERIAL CARGO DELIVERY <FINAL< TECHNICAL DOCUMENTARY REPORT <SEPT. 1960 - JAN. 1961<	1962
19620009252	EVALUATION OF RADIATION HAZARDS ASSOCIATED WITH OPERATION OF NUCLEAR-POWERED SPACE UNITS AT PACIFIC MISSILE RANGE	1962
19620009256	A STUDY OF MANUAL AND AUTOMATIC CONTROL SYSTEMS FOR THE TERMINAL PHASE OF ORBITAL RENDEZVOUS. <FINAL REPORT<	1962
19620009259	HEAT TRANSFER AND PRESSURE DISTRIBUTION TESTS OF THE LEADING EDGE REGION OF A NIKE-ZEUS CANARD AT MACH 4, 6, AND 8	1962
19620009263	QUARTERLY PROGRESS REPORT NO. 9, 1 DECEMBER 1961 TO 28 FEBRUARY 1962	1962
19620009266	A STUDY OF THE FACTORS AFFECTING THE DECOMPOSITION OF THE INTERMEDIATE PHASE GAMMA TI SUB 3 A1. QUARTERLY PROGRESS REPORT NO. 2, MAR. 1, 1962 TO MAY 31, 1962	1962
19620009267	ADVANCEMENT OF HIGH TEMPERATURE PROTECTIVE COATINGS FOR COLUMBIUM ALLOYS. SECOND INTERIM TECHNICAL PROGRESS REPORT <FEB. 16 - JUNE 16, 1962<	1962
19620009268	RESEARCH ON HIGH TEMPERATURE ADDITIVES FOR LUBRICANTS. QUARTERLY REPORT NO. 4, 15 JAN. TO 15 MAY 1962	1962
19620009272	PERFORMANCE OF TRAILING AERODYNAMIC DECELERATORS AT HIGH DYNAMIC PRESSURES, PHASES V AND VI. TECHNICAL REPORT. <FEB. 1, 1960 - MAY 15, 1961<	1962
19620009274	MANUFACTURING METHODS AND DESIGN PROCEDURES OF BRAZED REFRACTORY METAL HONEYCOMB SANDWICH PANELS. INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, 20 FEB. - 1 JUNE 1962	1962
19620009276	German Science Bulletin, No. 74/75	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009277	PROJECT HAWK. /U/. INTERIM TECHNICAL REPORT NO. 38, JAN.-MAR. 1962	1962
19620009279	EVALUATION OF HIGH ENERGY, STORABLE LIQUID-BIPROPELLANT FUELS. VOLUME I. /U/. FINAL TECHNICAL DOCUMENTARY REPORT. <1 JAN. 1960 THROUGH 31 DEC. 1961<	1962
19620009280	SUMMARY OF AEROSPACE PROPULSION PROGRAM FOR THE PERIOD 1 JANUARY 1961 TO 28 FEBRUARY 1962	1962
19620009281	DEVELOPMENT OF AN INTERMITTENT OPERATING VARIABLE THRUST SOLID PROPELLANT ROCKET MOTOR. /U/. FIRST QUARTERLY REPORT, 14 APR. - 15 JULY 1962	1962
19620009282	WEAPON SYSTEM 107A-2- RELIABILITY SUMMARY /LR91-AJ-3 AND LR87-AJ-3 ROCKET ENGINES/ /U/. <EIGHTH MONTHLY REPORT< 1 MAY THROUGH 31 MAY 1962	1962
19620009283	WEAPON SYSTEM 107A-2- RELIABILITY SUMMARY AND SUMMARY DATA. /YLR87-AJ-5 AND YLR91-AJ-5 ROCKET ENGINES/ /U/. <EIGHTH MONTHLY REPORT< 1 MAY THROUGH 31 MAY 1962	1962
19620009287	RESEARCH AND DEVELOPMENT FOR HIGH-DENSITY HIGH-PERFORMANCE SOLID PROPELLANT. /U/. FINAL REPORT. <1 APR. TO 30 SEPT. 1961<	1962
19620009289	SYNTHESIS OF HIGH ENERGY SOLID OXIDIZER BINDER PROPELLANTS. QUARTERLY PROGRESS REPORT NO. 1, APRIL-JUNE 1962	1962
19620009290	STUDY OF BRAYTON CYCLE SPACE POWER SYSTEMS	1962
19620009291	LOW-TEMPERATURE CAPABILITY OF SOLID PROPELLANTS	1962
19620009293	FLIGHT PATH ERROR AND DISPERSION ANALYSIS GENERALIZED COMPUTER PROGRAM. PART I. PROBLEM FORMULATION. FINAL TECHNICAL REPORT. <FEB. 1 - SEPT. 30, 1961<	1962
19620009294	FLIGHT PATH ERROR AND DISPERSION ANALYSIS GENERALIZED COMPUTER PROGRAM. PART II. USER'S MANUAL. <FINAL< TECHNICAL REPORT <FEB. 1 - SEPT. 30, 1961<	1962
19620009295	DESIGN AND DEVELOPMENT OF A DIGITAL VOICE DATA PROCESSING SYSTEM. FINAL REPORT	1962
19620009296	STRUCTURAL DESIGN CRITERIA AND LOADS. PART I - STRUCTURAL DESIGN	1962
19620009297	Research and Development to Advance the State-Of-The-Art of High-Energy Solid Propellants	1962
19620009298	QUARTERLY STATUS REPORT NO. 2 <APRIL - JUNE, 1962<	1962
19620009299	A STUDY OF THE INFLUENCE OF LUBRICANT PROPERTIES ON THE PERFORMANCE OF AIRCRAFT GAS TURBINE ENGINE ROLLING-CONTACT BEARINGS. INTERIM PROGRESS REPORT <NO. 1 FOR THE< PERIOD DECEMBER 1, 1961 TO APRIL 1, 1962	1962
19620009300	FABRICATION OF LARGE DIAMETER TITANIUM PRESSURE VESSELS BY THE SPIRAL WRAP METHOD. REPORT NUMBER 7, COVERING THE PERIOD 1 APRIL 1962 THROUGH 30 JUNE 1962	1962
19620009301	OBJECTIVE EMPIRICAL APPROACHES TO EXTENDED FORECASTING AND SHORT TERM WEATHER CYCLES	1962
19620009307	SOME IMPLICATIONS OF THE EARTH'S GRAVITATIONAL FIELD FOR THE INTERNAL STRUCTURE OF THE EARTH	1962
19620009308	CONFERENCE ON THE METALLURGY OF BERYLLIUM. TECHNICAL REPORT	1962
19620009309	SECOND COLLOQUIUM ON MICROWAVE COMMUNICATIONS, BUDAPEST, HUNGARY, 12-15 JUNE 1962	1962
19620009310	THIRD INTERNATIONAL SYMPOSIUM ON RAREFIED GAS DYNAMICS, PARIS, 26-29 JUNE 1962. TECHNICAL REPORT	1962
19620009311	AERODYNAMIC RESEARCH IN WESTERN GERMANY /PART I/	1962
19620009312	AERODYNAMICS AND FLUID MECHANICS IN THE NETHERLANDS. TECHNICAL REPORT	1962
19620009313	FOM - INSTITUTE FOR PLASMA PHYSICS, JUTPHAAS, NETHERLANDS. TECHNICAL REPORT	1962
19620009314	TELECOMMUNICATIONS INSTITUTE, BUDAPEST, HUNGARY. TECHNICAL REPORT	1962
19620009315	AERODYNAMICS RESEARCH IN WESTERN GERMANY, PART II. TECHNICAL REPORT	1962
19620009316	LOW TEMPERATURE RESEARCH AT THE KAMMERLINGH ONNES LABORATORY TECHNICAL REPORT	1962
19620009317	DEVELOPMENT AND APPLICATION OF A THEORY FOR PLASTIC DEFORMATION OF CEMENTED ALLOYS. TASK I- ZONE REFINING OF CEMENTED TUNGSTENBASE ALLOYS. QUARTERLY REPORT, JAN. 1 TO MAR. 31, 1962	1962
19620009318	RESEARCH AND DEVELOPMENT FOR SURFACE PROTECTION FOR SILICON DEVICES. SCIENTIFIC REPORT #2 <DEC. 15, 1961 - MAR. 14, 1962<	1962
19620009319	DETERMINATION OF THE STALL LINES OF A PRODUCTION MODEL AND A MODIFIED J85-GE-5 COMPRESSOR	1962
19620009321	SITING FACTORS FOR VORTAC. PART I- VOR SITING	1962
19620009322	<SECOND< SEMI-ANNUAL REPORT TO VOICE OF AMERICA, /DECEMBER 1961- JULY 1962/. PART B- /AFRICA IONOSPHERE/	1962
19620009323	IONOSPHERIC ABSORPTION AT MIRNY, ANTARCTICA- A DATA PRESENTATION <APRIL 1961 - JANUARY 1962<	1962
19620009324	INVESTIGATION OF PRESSURE DISTRIBUTIONS OVER PLANAR, TWISTED, AND CAMBERED WINGS IN A HYPERSONIC CHOCK TUNNEL. <FINAL REPORT<	1962
19620009325	INITIAL YIELDING AND FRACTURE IN NOTCHED SHEET MOLYBDENUM TECHNICAL DOCUMENTARY REPORT <JAN. - DEC. 1961<	1962
19620009327	APPROXIMATE INTEGRATION FORMULAS FOR CERTAIN SPHERICALLY SYMMETRIC REGIONS. <INTERIM TECHNICAL REPORT, 16 SEPT. - OCT. 1961<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009328	RADIO FREQUENCY INTERFERENCE FROM A DIGITAL COMPUTER	1962
19620009331	ULTRASONIC MEASUREMENT OF THE CONCENTRATION OF CHEMICALS IN SOLUTIONS	1962
19620009332	A PRECISION NOISE SPECTRAL DENSITY COMPARATOR	1962
19620009333	PRELIMINARY DESIGN STUDY FOR A SOFT LANDING LUNAR INSTRUMENT CAPSULE	1962
19620009347	DEVELOPMENT OF DEEP DRAWN - ONE PIECE HIGH PERFORMANCE ROCKET MOTOR CASE. GENERAL REPORT NO. 19 FOR THE PERIOD APRIL 10 THROUGH MAY 10, 1962	1962
19620009348	HIGH TEMPERATURE ACCELEROMETERS AND THERMOMETERS FOR APPLICATION ABOARD RE-ENTRY VEHICLES. <FINAL REPORT APR. 15 - DEC. 15, 1961<	1962
19620009349	INVARIANT IMBEDDING AND RADIATIVE TRANSFER IN SLABS OF FINITE THICKNESS	1962
19620009350	PLANNING AND CONDUCT OF THE X-15 ENVELOPE EXPANSION WITH INTERIM XLR-11 ROCKET ENGINES. <FINAL REPORT<	1962
19620009351	LARGE PLASTIC ROCKET MOTOR CASES. <THIRD< INTERIM TECHNICAL PROGRESS REPORT, 1 JAN. THROUGH 31 MAR. 1962	1962
19620009352	NUCLEAR RADIATION RESISTANT POLYMERS AND POLYMERIC COMPOUNDS. QUARTERLY PROGRESS REPORT NO. 6. <1 DEC. 1961 - 28 FEB. 1962<	1962
19620009353	SOLID PROPELLANT GRAIN CORE MANDRELS. INTERIM TECHNICAL PROGRESS REPORT, 1 JUNE - 31 AUG. 1962	1962
19620009354	RESEARCH IN THE FIELD OF SOLAR RADIO NOISE, SUNSPOTS, PROMINENCES AND FLARES. ANNUAL REPORT FOR 1961	1962
19620009355	TED NAM AV-43001, PART 3. HUMAN ENGINEERING INVESTIGATIONS OF AIRCRAFT COCKPIT VISUAL DISPLAYS. AN INVESTIGATION INTO FACTORS AFFECTING CONTROL ACTIVATION- II. STUDIES OF TOGGLE SWITCHES, NUMBER, DENSITY, AND ACTIVATION SEQUENCE	1962
19620009356	TED NAM AV-43001, PART 4. HUMAN ENGINEERING INVESTIGATIONS OF AIRCRAFT COCKPIT VISUAL DISPLAYS. INVESTIGATIONS INTO FACTORS AFFECTING CONTROL ACTIVATION- III. ROTARY SWITCHES, NUMBER AND ACTIVATION SEQUENCE	1962
19620009357	TED NAM AV-43001, PART 5. HUMAN ENGINEERING INVESTIGATIONS OF AIRCRAFT COCKPIT VISUAL DISPLAYS. INVESTIGATIONS INTO FACTORS AFFECTING CONTROL ACTIVATION- IV. THE EFFECTS OF TIME STRESS ON CONTROL ACTIVATION RATE AND ERRORS	1962
19620009358	TED NAM AV-43001, PART 6. HUMAN ENGINEERING INVESTIGATIONS OF AIRCRAFT COCKPIT VISUAL DISPLAYS. AN INVESTIGATION INTO FACTORS AFFECTING CONTROL ACTIVATION- V. STUDIES OF TOGGLE SWITCHES AND ROTARY SWITCHES, CONTROL COMPLEXITY AND LINK MULTIPLICITY	1962
19620009360	A PARAPROPAGATION PATTERN CLASSIFIER	1962
19620009361	DEVELOPMENT OF DEEP DRAWN - ONE PIECE HIGH PERFORMANCE ROCKET MOTOR CASE. GENERAL REPORT NO. 15 FOR THE PERIOD DEC. 10, 1961 THROUGH JAN. 10, 1962	1962
19620009362	STUDY OF PROCESSING HISTORY ON FRACTURE OF MATERIALS AT HIGH STRENGTH LEVELS. PROGRESS REPORT NO. 1, MAY 1, 1962 TO JULY 31, 1962	1962
19620009363	BASE HEATING AND BASE PRESSURE ON A SCALE MODEL SATURN SA-5 BOOSTER AFTERBODY AT MACH NUMBERS 1.63 AND 3.07 /U/ TECHNICAL DOCUMENTARY REPORT <DEC. 4, THROUGH JAN. 29, 1962<	1962
19620009364	DIFLUORAMINE CHEMISTRY. <QUARTERLY REPORT< 1 JAN. 1962 TO 30 APR. 1962	1962
19620009366	SIMULATED HIGH ALTITUDE EVALUATION OF THE TE-375 SOLID-PROPELLANT ROCKET MOTORS FOR THE PROJECT SYNCOM MARK I SPACECRAFT /PHASE I - NOZZLE EVALUATION/. /U/. TECHNICAL DOCUMENTARY REPORT. <APR. 30 TO JUNE 27, 1962<	1962
19620009367	DYNAMIC STABILITY TESTS ON A SKYBOLT RE-ENTRY VEHICLE MODEL AT MACH 10 AND AT LOW OSCILLATION FREQUENCIES	1962
19620009368	EVALUATION OF A TURBOJET ENGINE THRUST MEASUREMENT SYSTEM INSTALLED IN ENGINE ALTITUDE CELL J-1 /U/ TECHNICAL DOCUMENTARY REPORT <JAN. 19 THROUGH MAR. 21, 1962<	1962
19620009369	FEASIBILITY DEMONSTRATION OF A FLIGHT WEIGHT SOLID PROPELLANT ATTITUDE CONTROL PULSE ROCKET SYSTEM /U/ SECOND QUARTERLY PROGRESS REPORT FOR PERIOD JULY 1, 1962 THROUGH SEPT. 30, 1962	1962
19620009370	SUPPLEMENT TO THE <QUARTERLY< PROGRESS REPORT FOR JUNE, JULY, AND AUG., 1962 <TESTS ON GIMBALLED ELECTRIC VACUUM GYROSCOPE<	1962
19620009373	A STUDY OF EXPERIMENTAL EFFICIENCY DATA FROM HIGH ENERGY SOLID PROPELLANTS	1962
19620009374	DEVELOPMENT AND TESTING OF ADVANCED HIGH ENERGY FLUORINECONTAINING SOLID PROPELLANT. TECHNICAL DOCUMENTARY REPORT <1 JULY - 30 SEPT. 1962<	1962
19620009375	DATA BOOK FOR MINUTEMAN STAGE III ROCKET MOTOR /SECTION 5.0, REVISION NO. 9/	1962
19620009378	BASIC CHEMICAL RESEARCH FOR ADVANCED STORABLE LIQUID PROPELLANT SYSTEMS. /U/. EIGHTH QUARTERLY REPORT	1962
19620009379	MOLECULAR RELAXATION IN THE AIR SYSTEM. 1 JULY 1961 TO 30 JUNE 1962	1962
19620009381	IMMEDIATE SOLAR FLARE EFFECTS. SEMI-ANNUAL TECHNICAL REPORT, 26 MARCH THROUGH 26 SEPTEMBER 1961	1962
19620009383	RECOMMENDED RESEARCH PROGRAMS FOR POWDER METALLURGY. SIXTH PROGRESS REPORT BY THE PANEL ON CASTING AND POWDER METALLURGY OF THE COMMITTEE ON THE DEVELOPMENT OF MANUFACTURING PROCESSES FOR AEROSPACE MATERIALS. SEPT. 6, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009384	RECOMMENDED RESEARCH PROGRAMS. SIXTH PROGRESS REPORT BY THE PANEL ON MACHINING OF THE COMMITTEE ON DEVELOPMENT OF MANUFACTURING PROCESSES FOR AEROSPACE MATERIALS. SEPT. 7, 1962	1962
19620009385	STATE OF THE ART ON MACHINING. FIFTH PROGRESS REPORT BY THE PANEL ON MACHINING OF THE COMMITTEE ON THE DEVELOPMENT OF MANUFACTURING PROCESSES FOR AEROSPACE MATERIALS	1962
19620009386	RESEARCH ON LIQUID METALS AS POWER TRANSMISSION FLUIDS <FINAL REPORT, MAY 1958 - MAR. 1962<	1962
19620009387	HISTORY, ORGANIZATION, ADMINISTRATIVE PROCEDURES, REPORTS OF THE MATERIALS ADVISORY BOARD	1962
19620009388	REPORT OF THE SUBPANEL ON COATINGS, REFRACTORY METALS SHEET ROLLING PANEL	1962
19620009389	REPORT OF THE SUBPANEL ON QUALITY SPECIFICATIONS, REFRACTORY METALS SHEET ROLLING PANEL	1962
19620009390	PRELIMINARY STUDY OF HANDLING METHOD LARGE SOLID BOOSTER	1962
19620009395	FINAL REPORT OF THE MATERIALS ADVISORY BOARD PANEL ON THE DEPARTMENT OF DEFENSE TITANIUM ALLOY SHEET ROLLING PROGRAM <1956-1961<	1962
19620009404	AERODYNAMIC EFFECTS OF A ROUNDED AFTERBODY ON THE MARK XI RE-ENTRY VEHICLE	1962
19620009405	QUARTERLY PROGRESS REPORT ON A. R. P. A. PROJECTS, JULY 1, 1962 - SEPTEMBER 30, 1962	1962
19620009406	MISSION ANALYSIS AND DESIGN STUDY FOR A LIQUID-PROPELLANT PROPULSION SYSTEM FOR A MANEUVERING SATELLITE. VOL II- PROPULSION SYSTEM ANALYSIS	1962
19620009407	DIRECT BLEED SECONDARY INJECTION THRUST VECTOR CONTROL SYSTEM FOR LARGE SOLID PROPELLANT BOOSTERS /U/ FIRST QUARTERLY PROGRESS REPORT. <JULY 1 THROUGH SEPT. 30, 1962<	1962
19620009408	JET PIPE AND BI-STABLE VALVE THRUST VECTOR CONTROL SYSTEMS	1962
19620009409	HYPERSONIC STUDIES. VOL. II, PART 2- EQUILIBRIUM REAL GAS FLOW FIELDS FOR BLUNT BODIES	1962
19620009410	HYPERSONIC STUDIES. VOL. II, PART 3- EQUILIBRIUM REAL GAS FLOW FIELDS FOR BLUNT BODIES	1962
19620009411	HYPERSONIC STUDIES. VOL. II, PART 4- EQUILIBRIUM REAL GAS FLOW FIELDS FOR BLUNT BODIES	1962
19620009413	METHODS FOR APPLYING NUMERICAL MAPS OF IONOSPHERIC CHARACTERISTICS	1962
19620009415	AN EXPERIMENTAL STUDY OF SUPERSONIC MIXING	1962
19620009416	PROTON SHIELDING PROGRAM FOR THE IBM 7090. TECHNICAL MEMORANDUM	1962
19620009417	INVESTIGATION OF PHOTOGRAPHIC MAPPING DETAIL AND DATA ENCODING. FIRST INTERIM TECHNICAL REPORT, 1 APR. 1961 - 30 APR. 1962	1962
19620009418	FIFTH QUARTERLY PROGRESS REPORT ON ADVANCED TEST METHODS FOR DETERMINING OPERATIONAL CHARACTERISTICS OF PROPELLANTS	1962
19620009419	EXPERIMENTAL RESEARCH. BREAKAWAY FUEL CELL CONCEPT	1962
19620009422	RESULTS OF FORCE TESTS ON SEVERAL BLUNT LIFTING BODIES AT MACH NUMBER 8	1962
19620009423	TECHNIQUES FOR INVESTIGATION OF FRICTION AND WEAR IN AEROSPACE BEARINGS PROGRESS REPORT NO. 2 <JULY 1 - OCT. 1, 1962<	1962
19620009425	AUDITORY INTENSITY DISCRIMINATION AS A FUNCTION OF STIMULUS PRESENTATION METHOD	1962
19620009426	HIGH MODULUS, HIGH STRENGTH HEAT RESISTANT REINFORCEMENTS <FINAL< TECHNICAL DOCUMENTARY REPORT. <1 MAR. 1961-30 JUNE 1962<	1962
19620009427	SCATTERING BY PLASMA AND DIELECTRIC BODIES. SCIENTIFIC REPORT NO. 13	1962
19620009428	NONUNIFORM LAMINATION ANALYSIS OF IONOSPHERIC H'/F/ RECORDS USING WAVE REFRACTIVE INDEX. SCIENTIFIC REPORT NO. 14	1962
19620009429	THE MAGNETO-IONIC THEORY FOR BOUND ELECTRONS	1962
19620009430	RADAR CROSS SECTIONS OF DIELECTRIC OR PLASMA COATED CONDUCTING BODIES	1962
19620009431	SECOND ANNUAL SUMMARY REPORT, 1 MAY 1961 TO 30 AUGUST 1962. <STUDY OF ELECTROMAGNETIC SCATTERING BY BODIES IN THE IONOSPHERE<	1962
19620009432	DEVELOPMENT OF GREASE LUBRICANTS FOR HIGH TEMPERATURE BALL AND ROLLER BEARINGS OF ELECTRICAL EQUIPMENT. QUARTERLY PROGRESS REPORT NO. 6, MAR. 1 TO JUNE 1, 1962	1962
19620009433	A MICROWAVE DIGITAL DATA HANDLING SYSTEM	1962
19620009439	PROPERTIES OF PLASMA SPRAYED MATERIALS. <FINAL< TECHNICAL DOCUMENTARY REPORT. <JAN. 30 - DEC. 31, 1961<	1962
19620009440	INVESTIGATION OF DIGITAL/HYBRID ATC AIDS FOR MOBILE RAPCON CONTROLLERS. FINAL REPORT	1962
19620009441	A UNIFIED APPROACH TO DATA SMOOTHING	1962
19620009442	MICROBIOLOGICAL EXAMINATION OF JET FUEL-WATER SAMPLES-RAMEY AND EGLIN AIR FORCE BASES	1962
19620009443	A PLASMA WAVEGUIDE TUNER	1962
19620009444	HARMONIC GENERATION IN FERRITES. SCIENTIFIC REPORT NO. 37	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009445	MODULAR DESIGN OF IMPROVED SOLAR CONVERTERS. THIRD QUARTERLY PROGRESS REPORT, 1 DEC. 1961 TO 28 FEB. 1962	1962
19620009446	STUDY TO DETERMINE AERODYNAMIC CHARACTERISTICS ON HYPERSONIC RE-ENTRY CONFIGURATIONS. PART II-ANALYTICAL PHASE, VOLUME 2- DESIGN CHARTS. <INTERIM REPT., JULY 1959-APR. 1961<	1962
19620009447	SURVEY REPORT. STUDY OF ASSEMBLY AND SEPARATION INTERFACES FOR ORBITAL LAUNCH OPERATIONS. PHASE II PROGRESS REPORT. APPENDIX II - INTERFACE SURVEY	1962
19620009448	SPUTTERING EFFECTS ON THE MOON'S SURFACE. FIRST QUARTERLY STATUS REPORT, COVERING PERIOD 18 APR. - 18 JUNE 1962	1962
19620009450	PERFORMANCE EVALUATION OF THE H-13K TECHNICAL DOCUMENTARY REPORT <FEB. THROUGH AUG. 1961<	1962
19620009451	RADIATION PATTERNS OF TWO-DIMENSIONAL LUNEBERG LENSES	1962
19620009455	GENERALIZED INTERPLANETARY TRAJECTORY STUDY. SUPPLEMENT I. OPERATIONAL PROCEDURE FOR THE INTERPLANETARY TRAJECTORY PROGRAM <FINAL REPORT<	1962
19620009456	STRUCTURAL TEST PLAN-MODEL CL-595. HELICOPTER STATIC TESTS	1962
19620009457	A ROTOR BLADE VIBRATORY STRESS INVESTIGATION OF THE E7-10 COMPRESSOR OF A J85-GE-5 ENGINE	1962
19620009458	A CORRELATION OF VENTURI AND BELLMOUTH AIRFLOW MEASUREMENTS FOR THE J85-GE-5 TURBOJET ENGINE TEST INSTALLATION	1962
19620009460	THEORETICAL PRESENTATION OF A DESIGN FOR AN OPTIMIZED CARDIOVASCULAR PERFORMANCE MONITORING SYSTEM <FINAL REPORT<	1962
19620009461	STANDARD OPERATING PROCEDURES FOR SAFE HANDLING OF BERYLLIUM <REPORT FOR PERIOD< JULY 1, 1961 THROUGH JUNE 30, 1962	1962
19620009462	RANGE OF RECOIL ATOMS <FINAL REPORT, OCT. 1, 1959-FEB. 28, 1962<	1962
19620009465	MANUFACTURING METHODS FOR INSULATED AND COOLED DOUBLE-WALL STRUCTURES FINAL TECHNICAL ENGINEERING REPORT, 17 DEC. 1959 - MAR. 1962	1962
19620009466	MODULE IMPROVEMENT PROGRAM. PROGRESS REPORT NO. 3	1962
19620009467	AN ADAPTIVE LOGIC SYSTEM WITH GENERALIZING PROPERTIES <INTERIM< TECHNICAL REPORT <JAN. - DEC. 1961<	1962
19620009468	S-16 ORBITING SOLAR OBSERVATORY PROGRESS REPORT COVERING A 6-MONTHS PERIOD ENDING OCT. 15, 1962	1962
19620009469	RESEARCH ON SYNTHESIS AND FORMULATION OF INORGANIC NONPOLYMERIC ADHESIVES QUARTERLY PROGRESS REPORT NO. 3, 1 APR. TO 30 JUNE 1962	1962
19620009470	INVESTIGATION OF A 3 KW STIRLING CYCLE SOLAR POWER SYSTEM. VOLUME I- ENGINE DESIGN TECHNICAL REPORT <SEPT. 1959 - JUNE 1960<	1962
19620009471	A SIMPLE REFLEX SENSOR- A DESCRIPTION AND TRIAL USE <INTERIM REPORT<	1962
19620009472	BASIC FACTORS IN THE FORMATION AND STABILITY OF NON-SOAP GREASES FOR HIGH TEMPERATURE APPLICATIONS TECHNICAL DOCUMENTARY REPORT <1 APR. 1961 - 28 FEB. 1962<	1962
19620009473	DEVELOPMENT AND APPLICATION OF A THEORY FOR PLASTIC DEFORMATION OF CEMENTED ALLOYS. TASK 3. COPPER-COOLED TUNGSTEN FIBER ROCKET NOZZLE MATERIALS. QUARTERLY REPORT, JAN. 1 TO MAR. 31, 1962	1962
19620009474	A LOW-NOISE, X-BAND PARAMETRIC AMPLIFIER. FINAL REPORT, 12 MAY 1958 TO 30 NOV. 1961	1962
19620009475	RESEARCH ON THE APPLICATION OF THE LUNEBERG LENS TO ECM ANTENNA SYSTEMS. INTERIM ENGINEERING REPORT, 1 DEC. 1961 TO 1 MAR. 1962	1962
19620009476	BASIC STUDY OF SORPTION OF ORGANIC FUELS DURING OXIDATION AT ELECTRODES SECOND QUARTERLY REPORT <DEC. 11, 1961-MAR. 10, 1962<	1962
19620009477	BASIC STUDY OF SORPTION OF ORGANIC FUELS DURING OXIDATION AT ELECTRODES. FOURTH QUARTERLY REPORT. <JUNE 11-SEPT. 24, 1962.<	1962
19620009479	STUDY OF ORBITAL LAUNCH OPERATIONS. VOLUME II. RENDEZVOUS AND ESCAPE WINDOW PHASE II PROGRESS REPORT, 14 JUNE 1961- 16 JANUARY 1962	1962
19620009480	PERFORMANCE TESTS ON TWO BONDED STRAIN GAGE ACCELEROMETERS	1962
19620009481	SIXTH SEMI-ANNUAL PROGRESS /FINAL/ <LUNAR SURFACE STUDIES<	1962
19620009482	NON-PLANAR AND GEODESIC LENS ANTENNAS	1962
19620009485	CREEP-RUPTURE PROPERTIES OF SIX ELEVATED TEMPERATURE ALLOYS <FINAL REPORT, FEB. 1960 - FEB. 1962<	1962
19620009486	STATISTICS OF METEOROLOGICAL VARIABLES SUMMARY REPORT NO. 1, 1 SEPT. 1960 - 31 MAY 1962	1962
19620009487	ION-EXCHANGE MEMBRANE ELECTROLYTES FIRST QUARTERLY PROGRESS REPORT, 1 MAR. 1962 TO 31 MAY 1962	1962
19620009488	EXOTHERMIC BONDING OF METAL SANDWICH CONSTRUCTION BY THE "EXO-FLUX" TECHNIQUE <TECHNICAL REPORT, 1 MAY 1960-1 AUG. 1961<	1962
19620009489	A TEST OF THE SIZE-DISTANCE INVARIANCE HYPOTHESIS	1962
19620009490	THE DIFFERENTIATION OF AN AVOIDANCE RESPONSE FROM AN ESCAPE RESPONSE- A NOTE AND CIRCUIT	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009491	MECHANICAL PROPERTIES OF SOME 2024 BARE AND ALCLAD -T3 AND -T81 SHEET, -T351 AND -T851 PLATE AND ROLLED ROD	1962
19620009492	FABRICATION OF LARGE DIAMETER TITANIUM PRESSURE VESSELS BY THE SPIRAL WRAP METHOD REPORT NUMBER 5 COVERING THE PERIOD 1 OCT. 1961 THROUGH 31 DEC. 1961	1962
19620009493	QUARTERLY STATUS REPORT NO. 9, 1 JAN. 1962-31 MAR. 1962. <CHEMILUMINESCENCE IN THE UPPER ATMOSPHERE<	1962
19620009494	CARBONIZATION OF PLASTICS AND REFRACTORY MATERIALS RESEARCH PROGRAM. PART I. CARBONIZATION OF PLASTICS SEVENTH QUARTERLY PROGRESS REPORT /1 JAN. 1962 THROUGH 31 MAR. 1962/	1962
19620009495	ICING EVALUATION OF THE BOEING T50-BO-4 ENGINE FINAL REPORT ON PHASE C OF WEPTASK P. A. NAM-RAPP22004	1962
19620009496	FPS-16 TAPE-TO-TAPE CONVERTER FINAL REPORT	1962
19620009497	DIGITAL ADAPTIVE FLIGHT CONTROL SYSTEM. <FINAL< TECHNICAL DOCUMENTARY REPORT. <JUNE 1960 - AUG. 1961<	1962
19620009498	AN IMPROVED CALCULATION OF GAS PROPERTIES AT HIGH TEMPERATURES AIR	1962
19620009500	REINFORCED PLASTICS /U/ <STATUS OF WORK ACCOMPLISHED, 1 SEPT. 1961-30 MAR. 1962 <	1962
19620009502	THEORETICAL STUDIES OF HIGHLY STRESSED GASES /U/ <WORK ACCOMPLISHED, 1 JULY 1961-31 MAY 1962<	1962
19620009503	SECOND SEMI ANNUAL REPORT TO VOICE OF AMERICA. PART A /DEC. 12 1961 - JULY 24 1962	1962
19620009504	A MODEL FOR HIGH FREQUENCY IONOSPHERIC TRANSMISSION LOSS CONTRIBUTION NO. 1 (IN ITS SECOND SEMIANNUAL REPORT TO VOICE OF AMERICA. PART A /DEC. 1961-JULY 1962/)	1962
19620009505	A COMPARISON OF SKY WAVE FIELD STRENGTH PREDICTION METHODS CONTRIBUTION NO. 2	1962
19620009506	THE USE OF SIDE-SCATTER ON A U.S.A. TO GERMANY PATH CONTRIBUTION NO. 3	1962
19620009507	A NOTE ON RECEPTION OF BARROW, ALASKA IN EUROPE CONTRIBUTION NO. 4	1962
19620009508	INTERIM MEETING OF CCIR STUDY GROUP VI /IONOSPHERE PROPAGATION/, GENEVA, MAY 1962 CONTRIBUTION NO. 5	1962
19620009509	AURORAL ZONE ABSORPTION CONTRIBUTION NO. 6	1962
19620009510	DOPPLER STUDIES IN THE AURORAL ZONE CONTRIBUTION NO. 7	1962
19620009511	A METHOD FOR RAY TRACING IN THE IONOSPHERE WITH OBLIQUE INCIDENCE CONTRIBUTION NO. 8	1962
19620009512	VERTICAL RAY TRACING CONTRIBUTION NO. 9	1962
19620009513	STUDIES ON SOME IONOSPHERIC TRUE HEIGHT PROBLEMS CONTRIBUTION NO. 10	1962
19620009514	WAVE PROPAGATION BY THE SYNTHESIS OF OBLIQUE IONOGRAMS CONTRIBUTION NO. 11	1962
19620009524	QUARTERLY PROGRESS REPORT NO. 5 FOR THE PERIOD 17 JULY 1962 TO OCTOBER 1962	1962
19620009525	HEAT TRANSFER STUDIES OF VAPOR CONDENSING AT HIGH VELOCITIES IN SMALL STRAIGHT TUBES FIRST INTERIM PROGRESS REPORT, NOV. 1, 1961 - APR. 30, 1962	1962
19620009528	ACOUSTICAL EVALUATION OF THE KOPPERS COMPANY, INC., MODEL 30-S CLASS II JET GROUND RUNUP NOISE SUPPRESSOR <FINAL< TECHNICAL DOCUMENTARY REPORT <NOV. 22-DEC. 3, 1960<	1962
19620009531	SYNTHESIS OF NEW PLASTICS AND PLASTIC COMPOSITES FOR ROCKET NOZZLES SECOND QUARTERLY PROGRESS REPORT <JUNE 1 - AUG. 31, 1962<	1962
19620009533	STRIPLAP METHOD OF ROCKET MOTOR CASE FABRICATION INTERIM TECHNICAL ENGINEERING REPORT, 7 DEC. 1961-6 MAR. 1962	1962
19620009534	LARGE DEFLECTION PANEL FLUTTER	1962
19620009535	QUARTERLY STATUS REPORT NO. 8, 1 OCT. 1961-31 DEC. 1961 <CHEMILUMINESCENCE OF THE UPPER ATMOSPHERE<	1962
19620009536	QUARTERLY STATUS REPORT NO. 10, 1 APR. 1962-30 JUNE 1962 <CHEMILUMINESCENCE OF THE UPPER ATMOSPHERE<	1962
19620009537	DEVELOPMENT OF GREASES FOR HIGH SPEED BALL AND ROLLER BEARINGS <FINAL REPORT, FEB. 1, 1961-JAN. 31, 1962<	1962
19620009538	INVARIANT IMBEDDING THEORY OF NEUTRON TRANSPORT- CORRELATION FUNCTIONS	1962
19620009541	INVARIANT IMBEDDING AND TIME-DEPENDENT DIFFUSE REFLECTION OF A PENCIL OF RADIATION BY A FINITE INHOMOGENEOUS FLAT LAYER-1	1962
19620009542	ON THE POLARITY OF THE SCATTERING FUNCTION IN AN INHOMOGENEOUS FLAT LAYER	1962
19620009544	PROGRESS REPORT ON THE C-BAND /3.95-5.85 GC/S/ REFLECTOMETER AS APPLIED TO COAXIAL WAVEGUIDE /JUNE TO SEPTEMBER, 1961/	1962
19620009545	THEORETICAL PERFORMANCE OF CIRCULAR ARRAYS	1962
19620009546	INSERTION LOSS OF A FRAME WALL AT SHF	1962
19620009547	QUARTERLY PROGRESS REPORT NO. 4 OF THE RADIO SYSTEMS DIVISION, APRIL-JUNE 1962	1962
19620009548	LARGE-SIGNAL ANALYSIS OF PARAMETRIC FREQUENCY MULTIPLIERS	1962
19620009549	LUBRICATION OF BEARINGS AT VERY HIGH TEMPERATURES, HIGH SPEEDS, AND LOW LUBRICANT FLOW RATES TECHNICAL DOCUMENTARY REPORT <FEB. 15, 1961 - FEB. 15, 1962<	1962
19620009550	SOME CAUSES OF RESONANT FREQUENCY SHIFTS IN ATOMIC BEAM MACHINES. I. SHIFTS DUE TO OTHER FREQUENCIES OF EXCITATION	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009551	SOME CAUSES OF RESONANT FREQUENCY SHIFTS IN ATOMIC BEAM MACHINES. II. THE EFFECT OF SLOW FREQUENCY MODULATION ON THE RAMSEY LINE SHAPE	1962
19620009552	THERMAL EROSION OF ABLATIVE MATERIALS UNDER SIMULATED PROPULSION CONDITIONS QUARTERLY REPORT, 1 DEC. THROUGH 28 FEB. 1962	1962
19620009553	AEROSOLS	1962
19620009555	INVARIANT IMBEDDING AND NONCOHERENT SCATTERING IN A FINITE, INHOMOGENEOUS ATMOSPHERE	1962
19620009557	ON THE DIFFUSE REFLECTION OF PARALLEL RAYS BY AN INHOMOGENEOUS FLAT LAYER AS A LIMITING PROCESS	1962
19620009560	INVARIANT IMBEDDING AND DIFFUSE REFLECTION FROM A TWO-DIMENSIONAL FLAT LAYER	1962
19620009562	RESEARCH ON THE STABILIZATION AND CHARACTERIZATION OF HIGHLY CONCENTRATED PERCHLORIC ACID. FINAL SUMMARY REPORT, 1 JUNE 1961 TO 31 AUG. 1962	1962
19620009564	SURVEY OF SCATTERING OF ELECTROMAGNETIC RADIATION BY AN IONIZED GAS	1962
19620009566	HIGH-RESOLUTION INFRARED IMAGERY	1962
19620009569	CENTER REVIEW, VOL. 5, NO. 1, SEPTEMBER 1962 <TEST ACCOMPLISHMENTS DURING FY '62<	1962
19620009573	SPACE PROGRAMS SUMMARY NO. 37-17, VOLUME I FOR THE PERIOD JULY 1, 1962 TO SEPTEMBER 1, 1962. THE LUNAR PROGRAM	1962
19620009574	FINAL REPORT FOR THE PERIOD 26 JUNE 1961 TO 26 JUNE 1962 ON THE HIGH PRESSURE ROCKET ENGINE FEASIBILITY PROGRAM	1962
19620009577	ON THE PRODUCTION OF RADIOACTIVE ISOTOPES BY NEUTRON IRRADIATION	1962
19620009578	INVESTIGATION OF EXPERIMENTAL TECHNIQUES FOR MEASUREMENT OF VERY LOW FREQUENCY ELECTROMAGNETIC PHENOMENA IN THE IONOSPHERE FINAL STATUS REPORT FOR THE PERIOD SEPT. 1, 1961 TO SEPT. 1, 1962	1962
19620009579	Interdisciplinary Space-Oriented Research in the Physical, Biological and Engineering Sciences	1962
19620009580	Some Connections between Non-Equilibrium Thermodynamics and Kinetic Theory	1962
19620009581	RESEARCH ON THE COMPATIBILITY OF WELDED STRUCTURAL MATERIALS WITH CHLORINE TRIFLUORIDE, PERCHLORYL FLUORIDE AND A MIXTURE OF THESE SECOND QUARTERLY PROGRESS REPORT <JULY 1-SEPT. 30, 1962<	1962
19620009582	WELDABILITY STUDIES OF 5456-H343 AND 2219-T87 ALUMINUM ALLOY PLATES	1962
19620009584	FORMULATION OF AN ADVANCED SOLID PROPELLANT /U/ FIRST QUARTERLY PROGRESS REPORT FOR THE PERIOD 5 JULY THROUGH 30 SEPTEMBER 1962	1962
19620009585	SYNTHESIS OF HIGH ENERGY SOLID OXIDIZER BINDER PROPELLANTS /U/ QUARTERLY PROGRESS REPORT NO. 2, JULY - SEPTEMBER, 1962	1962
19620009586	GAS GENERANT PROPELLANT- RESEARCH AND DEVELOPMENT /U/ FINAL REPORT, JUNE 20, 1961 TO AUG. 31, 1962	1962
19620009589	DEVELOPMENT OF SOLID PROPELLANT CONTAINING A HIGH ENERGY OXIDIZER /U/ QUARTERLY REPORT NO. 1, JUNE 20, 1962- SEPTEMBER 19, 1962	1962
19620009590	DEVELOPMENT OF HIGH ENERGY SOLID PROPELLANT FORMULATIONS. QUARTERLY REPORT NO. 1, JUNE 18 THROUGH SEPT. 17, 1962	1962
19620009591	TECHNICAL MEMORANDUM ON THE CURRENT STATUS OF EROSION BURNING IN SOLID PROPELLANT ROCKET MOTORS	1962
19620009592	DESIGN AND DEVELOPMENT OF AN ADVANCED-PROPELLANT UPPER-STAGE MOTOR /XM-86/ /U/ THIRD QUARTERLY REPORT, JUNE 19-SEPT. 18, 1962	1962
19620009593	AEROTHERMODYNAMIC PROPERTIES OF HIGH TEMPERATURE ARGON	1962
19620009595	PLASMA RESEARCH ANALYTICAL MODEL RESULTS AND APPLICATION TO TERMINAL GUIDANCE AND DRETS TECHNICAL MEMORANDUM	1962
19620009596	SPECTRAL IDENTIFICATION ADAPTIVE CONTROL SYSTEM STUDY	1962
19620009597	DIGITAL ADAPTIVE FLIGHT CONTROL SYSTEM ADVANCED AEROSPACE TYPE VEHICLE	1962
19620009598	MICROWAVE FILTERS AND COUPLING STRUCTURES FOURTH QUARTERLY PROGRESS REPORT, COVERING THE PERIOD 1 OCT. TO 31 DEC. 1961	1962
19620009599	CHARACTERIZATION OF CARBONIZED PLASTIC COMPOSITES IN HYPERHERMAL ENVIRONMENTS TECHNICAL DOCUMENTARY REPORT, <1 MAR. 1961 TO 15 JULY 1962<	1962
19620009600	ANALYSIS OF ASSET COMMUNICATION LINKS <FINAL REPORT<	1962
19620009601	HYBRID PROPULSION RESEARCH PROGRAM /U/ FIRST QUARTERLY <TECHNICAL< REPORT, 1 JULY THROUGH 30 SEPT. 1962	1962
19620009604	ASKANIA INTEGRATING LIGHT METER	1962
19620009605	ELECTRON TUBE MATERIALS, GASES AND GETTERS FINAL <QUARTERLY< REPORT, FEB. 1, 1961 TO JAN. 31, 1962	1962
19620009607	DEVELOPMENT OF RECORDING OPTICAL TRACKING INSTRUMENT /ROTI/ FINAL <SUMMARY< REPORT	1962
19620009608	RANGE INSTRUMENTATION RESEARCH & DEVELOPMENT <SEMI-ANNUAL< STATUS REPORT, 1 JANUARY THROUGH 30 JUNE 1962	1962
19620009609	RADIATION HEAT TRANSFER ANALYSIS FOR SPACE VEHICLES, PART II <FINAL REPORT<	1962
19620009614	FEASIBILITY OF A SELF-MANEUVERING UNIT FOR ORBITAL MAINTENANCE WORKERS <FINAL TECHNICAL DOCUMENTARY REPORT, APRIL 1961-FEB. 1962<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009615	SOME RESULTS OF EXPERIMENTAL INVESTIGATIONS OF THE SURFACE PRESSURE FIELD DUE TO A TURBULENT BOUNDARY LAYER TECHNICAL DOCUMENTARY REPORT <JAN. 1960 - NOV. 1961<	1962
19620009616	CARBON-BASE FIBER REINFORCED PLASTICS <FINAL< TECHNICAL DOCUMENTARY REPORT <OCT. 1961-MAY 1962<	1962
19620009617	A DILATOMETER BASED ON THE FABRY-PEROT INTERFEROMETER FOR MEASURING STATIC MAGNETOSTRICTION	1962
19620009618	ASTM-TYPE MEASUREMENTS OF MICROWAVE FERRITE PROPERTIES ON COMMERCIAL FERRITES <FIFTH REPORT<	1962
19620009619	UNSTEADY PRESSURES AND SCALE EFFECTS ON MODELS OF THE TITAN B MARK 4 RE-ENTRY BODY AT TRANSONIC SPEEDS	1962
19620009620	TRANSISTORIZED ANALOG-DIGITAL CONVERTER AND ELECTROTECHNICAL CLIMATOLOGY STANDARDS	1962
19620009621	MG-18 MOTOR FEASIBILITY PROGRAM FOR AN UPPER STAGE HIGH MASSFRACTION ROCKET MOTOR /U/ FINAL REPORT, PERIOD COVERED DEC. 1, 1961 TO JULY 31, 1962	1962
19620009622	MANEUVERING SATELLITE PROPULSION SYSTEM STUDY. VOLUME II. PROPULSION SYSTEM DESIGN /U/ <FINAL< TECHNICAL DOCUMENTARY REPORT <JUNE 15-DEC. 15, 1961<	1962
19620009623	AN ALTITUDE INVESTIGATION OF 18-DEG CANTED NOZZLES FOR THE FIRST-STAGE POLARIS MISSILE USING SUBSCALE MOTORS	1962
19620009624	CHARACTERISTICS OF THE N-23 PROPELLANT	1962
19620009627	LOW FLAME TEMPERATURES IN HIGH-PERFORMANCE PROPULSION SYSTEMS /U/ <SUMMARY REPORT, MAR. 1960-MAR. 1961<	1962
19620009631	ALTITUDE TEST OF A HERCULES WING I QUALIFICATION XM-57 THIRD-STAGE MINUTEMAN MOTOR /MOTOR SERIAL NUMBER B1-4-11/	1962
19620009634	SOLID PROPELLANT RESEARCH AND DEVELOPMENT- THEORETICAL PERFORMANCE CALCULATIONS AND THE STUDY OF MULTIPHASE FLOW THROUGH ROCKET NOZZLES /U/ QUARTERLY PROGRESS REPORT NO. 6, JUNE-AUG. <1962<	1962
19620009635	DETAIL DESIGN OPTIMIZATION OF SOLID-PROPELLANT ROCKET MOTOR AFT-CLOSURE NOZZLE COMBINATIONS, VOLUME ONE	1962
19620009636	RESEARCH ON HIGH ENERGY FUELS FOR USE IN ADVANCED SOLID ROCKET PROPELLANTS /U/ QUARTERLY REPORT NO. 2, ENDING SEPT. 30, 1962	1962
19620009642	BUBBLE DISTRIBUTION IN TEKTTITES AND LIBYAN DESERT GLASS RESEARCH REPORT NO. 13	1962
19620009645	THE STRUCTURE OF FIELD SPACE	1962
19620009646	A STUDY OF THE TWO BASIC APPROXIMATIONS IN THE IMPULSIVE GUIDANCE TECHNIQUES FOR ORBITAL RENDEZVOUS <FINAL REPORT<	1962
19620009647	A SURVEY OF FILAMENT WINDING- MATERIALS, DESIGN CRITERIA, MILITARY APPLICATIONS	1962
19620009648	FINAL ENGINEERING REPORT ON THE DESIGN AND TESTING OF EXPERIMENTAL DEVELOPMENT MODELS OF POLYELECTROLYTE ELECTRICAL RESISTANCE HUMIDITY ELEMENTS AND MODIFICATIONS AND TESTING OF RADIOSONDES, AN/AMT-4 G	1962
19620009649	SHEET BERYLLIUM-COMPOSITE STRUCTURES, VOLUME II. INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, 1 JAN. 1962 - 31 MARCH 1962	1962
19620009651	RESEARCH ON SELECTIVE FLUORINATION TECHNIQUES /U/ QUARTERLY PROGRESS REPORT NO. 13, MAY 1, 1962-JULY 31, 1962	1962
19620009652	IRIA ANNOTED BIBLIOGRAPHY OF INFRARED LITERATURE	1962
19620009653	QUARTERLY REPORT, PROPULSION LABORATORY, 1 APRIL TO JUNE 1962 /U/ SEPT. 1, 1962	1962
19620009654	THERMAL EROSION OF ABLATIVE MATERIALS UNDER SIMULATED PROPULSION CONDITIONS /U/ QUARTERLY REPORT, 1 JUNE THROUGH 31 AUGUST 1962	1962
19620009655	AN EXPERIMENTAL PROGRAM TO EVALUATE HIGH-PERFORMANCE SOLID PROPELLANT INGREDIENTS /U/ ANNUAL TECHNICAL SUMMARY REPORT JULY 1, 1961 THROUGH JUNE 30, 1962	1962
19620009659	HIGH VOLUMETRIC IMPULSE SMOKELESS ROCKET PROPELLANTS, PART IIDEVELOPMENT OF SOLVENTLESS-EXTRUDED TRIPLE-BASE PROPELLANTS	1962
19620009660	THEORETICAL RESEARCH - ELECTRONIC, IONIC, AND ATOMIC IMPACT PHENOMENA QUARTERLY REPORT NO. 1, APR. 15 TO JULY 15, 1962	1962
19620009661	ELEVATED TEMPERATURE STRESS CORROSION OF HIGH STRENGTH SHEET MATERIALS IN THE PRESENCE OF STRESS CONCENTRATORS QUARTERLY PROGRESS REPORT NO. 5, JUNE 1, 1962 TO AUG. 31, 1962	1962
19620009664	DETAIL DESIGN OPTIMIZATION OF SOLID-PROPELLANT ROCKET MOTOR AFT-CLOSURE NOZZLE COMBINATIONS, VOL. 2	1962
19620009667	RESEARCH AND DEVELOPMENT TO ADVANCE THE STATE OF THE ART OF HIGH-ENERGY SOLID PROPELLANTS /U/. PROJECT A FINAL TECHNICAL SUMMARY REPORT MARY 1, 1961 - JUNE 30, 1962	1962
19620009668	GENERAL STUDIES OF THE INTERACTION OF RADIO WAVES WITH WAKE PLASMAS	1962
19620009669	FINAL TECHNICAL SUMMARY REPORT. BAMBI PHASE II TECHNICAL INVESTIGATIONS. SINGLE INTERCEPTOR SATELLITE, VOLUME V	1962

Accession Number (DocID)	Title	Publication Year
19620009670	DEVELOPMENT OF GREASE LUBRICANTS FOR HIGH TEMPERATURE BALL AND ROLLER BEARINGS OF ELECTRICAL EQUIPMENT QUARTERLY PROGRESS REPORT NO. 5, DEC. 1, 1961 TO MAR. 1, 1962	1962
19620009671	POLARIMETRIC OBSERVATIONS OF PLANETS AND SATELLITES ANNUAL SUMMARY REPORT NO. 1, 1 JUNE 1961-1 JUNE 1962	1962
19620009672	A STUDY OF THE INFLUENCE OF LUBRICANTS ON HIGH-SPEED ROLLINGCONTACT BEARING PERFORMANCE <FINAL REPORT, MAY 1, 1960 THROUGH FEB. 28, 1961<	1962
19620009673	TELEMETRY DATA ANALYSIS TECHNIQUES STUDY FINAL REPORT	1962
19620009674	OXIDATIVE PHOSPHORYLATION AND RESPIRATORY REGULATION IN RAT LIVER HOMOGENATES MEASURED WITH THE OXYGEN ELECTRODE	1962
19620009675	A HIGH-INTENSITY ARC-PLASMA TUNNEL <FINAL REPORT, MAY 1959 TO JAN. 1962<	1962
19620009677	ORIENTED CELLULAR STRUCTURE PROPELLANT SYSTEMS OF VERY HIGH IMPULSE /PROJECT "BEEHIVE"/U/ FINAL TECHNICAL REPORT NO. 1, APR. L, 1960 TO JULY 26, 1962	1962
19620009678	WEAPON SYSTEM 107A-2- STRUCTURAL DEFLECTIONS AND TEMPERATURE TIME HISTORY OF THE XLR87-AJ-5 TURBINE MANIFOLD	1962
19620009679	NON-EQUILIBRIUM SHOCK WAVE STRUCTURE	1962
19620009682	ADVANCEMENT OF SOLID PROPELLANT ROCKETRY QUARTERLY PROGRESS REPORT OF ARMY SUPPORTING RESEARCH APR. - JUNE 1962	1962
19620009683	ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF A NOVEL LIQUID PROPELLANT PUMPING COMCEPT /U/ FINAL RECHNICAL DOCUMENTARY REPORT, 1 JUNE 1961 THROUGH 30 JUNE 1962	1962
19620009684	DEVELOPMENT OF AN INTERMITTENT OPERATING VARIABLE THRUST SOLID PROPELLANT ROCKET MOTOR /U/ SECOND QUARTERLY REPORT, JULY 16-OCT. 15, 1962	1962
19620009685	WEAPON SYSTEM 107A-2- MODIFIED TURBINE MANIFOLD TEST AND DEVELOPMENT PROGRAM FOR THE YLR87-AJ-5 TURBOPUMP ASSEMBLY TURBINE MANIFOLD	1962
19620009686	DEVELOPMENT OF ADVANCED NOZZLE DESIGNS FOR LARGE SOLID PROPELLANT ROCKET MOTORS /U/ SECOND INTERIM REPORT COVERING PROGRESS THRU OCT. 11, 1962	1962
19620009692	APPLIED RESEARCH FOR ADVANCED COOLED NOZZLES	1962
19620009695	A STUDY OF THE INFLUENCE OF LUBRICANTS ON ROLLING-CONTACT PERFORMANCE INTERIM PROGRESS REPORT, PERIOD- APR. 1 TO AUG. 1, 1962	1962
19620009696	A DESCRIPTION OF SOME WIND TUNNEL CONTRACTION DESIGN DATA WHICH HAS BEEN OBTAINED USING THE FERRANTI MERCURY HIGH-SPEED DIGITAL COMPUTER	1962
19620009697	PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS SEVENTH TECHNICAL SUMMARY REPORT	1962
19620009698	PERFORMANCE TESTS ON TWO HIGH SENSITIVITY PIEZOELECTRIC ACCELEROMETERS	1962
19620009700	PROVING TESTS OF A WINGTIP PARACHUTE INSTALLATION ON A VENOM AIRCRAFT, WITH SOME MEASUREMENTS OF DIRECTIONAL STABILITY AND RUDDER POWER	1962
19620009703	THE SOLUTION OF THE NAVIER-STOKES EQUATIONS FOR LAMINAR INCOMPRESSIBLE FLOW FOR LARGE REYNOLDS NUMBERS	1962
19620009707	FILTERED PSEUDORANDOM SEQUENCES USED FOR COMMUNICATIONS	1962
19620009714	IONIC THINNING OF SPECIMENS FOR ELECTRON MICROSCOPY <FINAL< TECHNICAL DOCUMENTARY REPORT <FEB. 1, 1960 - FEB. 28, 1962<	1962
19620009715	THE STATIC AEROELASTICITY OF SLENDER CONFIGURATIONS. PART III. STATIC STABILITY	1962
19620009717	Upper Air Research at High Altitudes	1962
19620009718	SIMULATED ALTITUDE TESTING OF THE HPC-ABL X-259 S3LID-PROPELLANT ROCKET MOTOR FOR THE NASA SCOUT /PHASE II - MODEL A-2, FLIGHT MOTOR/	1962
19620009719	SIMULATED ALTITUDE INVESTIGATION OF A SECONDARY LIQUID INJECTION THRUST VECTOR CONTROL SYSTEM /PHASE II - SPECIAL STUDIES/	1962
19620009722	STUDY OF REACTIONS BETWEEN PLASTIC COMPOSITE MATERIALS AND PROPELLANT EXHAUST PRODUCTS. FIRST QUARTERLY PROGRESS REPORT, PERIOD COVERED- JUNE 1 TO SEPTEMBER. 1, 1962	1962
19620009724	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/ <FIFTEENTH MONTHLY< PROGRAM PROGRESS <REPORT< 1 SEPT. THROUGH 31 SEPT. 1962	1962
19620009725	ALTITUDE TESTING OF A THIOKOL CHEMICAL CORPORATION TE-289 ROCKET MOTOR	1962
19620009726	ALTITUDE TESTS OF TWO XM-81 SECOND-STAGE SKYBOLT MOTORS	1962
19620009728	FLUORINE-HYDROGEN PROPULSION DATA	1962
19620009729	A SUPERSONIC COMBUSTION RAMJET MISSILE /SCRAM/ FOR NAVAL AIR DEFENSE	1962
19620009730	SIMULATED ALTITUDE INVESTIGATION OF A SECONDARY LIQUID INJECTION THRUST VECTOR CONTROL SYSTEM. /PHASE II CONTINUED- COMPARISON OF TWO INJECTOR CONFIGURATIONS/	1962
19620009731	THERMAL ANALYSIS OF A NOZZLE EXIT CONE	1962
19620009732	[No Title]	1962
19620009734	SUMMARY REPORT ON THE DISIGN, FABRICATION AND STATIC FIRING OF A FULL SCALE LITHIUM COOLED NOZZLE	1962
19620009735	HIGH PRESSURE ROCKET ENGINE FEASIBILITY PROGRAM /U/ QUARTERLY PROGRESS REPORT NO. 4 <26 JUNE TO 26 SEPT. 1962<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19620009736	INITIATION OF DETONATION RESULTING FROM COMBUSTION INSTABILITIES. INTERIM REPORT	1962
19630000292	Axiomatic Theory of Control Systems	1962
19630000344	An Approximate Form for the Free-Surface Shape of a Static Fluid in a Cylindrical Tank of Large Radius	1962
19630000353	Radar Studies of Planetary Surfaces	1962
19630000354	Radar Methods of Studying Distant Planetary Surfaces	1962
19630000355	Radar Measurements in the Solar System	1962
19630000356	Reentry Dynamics, Part II. Proceedings of the Conference on Physics of the Solar System and Reentry Dynamics	1962
19630000357	REENTRY VEHICLES- GENERAL CONCEPTS AND OPERATIONAL MODES	1962
19630000358	ROCKETS IN OUR SPACE PROGRAM	1962
19630000359	PROPERTIES OF THE ATMOSPHERE	1962
19630000360	THE THERMODYNAMICS PROPERTIES OF HIGH TEMPERATURE AIR	1962
19630000361	TRANSPORT PROPERTIES OF GASES	1962
19630000362	REAL GAS FLOW CONDITIONS ABOUT HYPERSONIC VEHICLES	1962
19630000363	RADIATION AND IONIZATION PROBLEMS IN RE-ENTRY	1962
19630000364	THERMAL PROTECTION SYSTEMS AND STRUCTURES FOR REENTRY VEHICLES	1962
19630000365	SPACE MEDICINE AND ASTRONAUT SELECTION	1962
19630000366	WORLDWIDE TRACKING SYSTEMS	1962
19630000367	LABORATORY IN SPACE	1962
19630000368	GROUND FACILITIES FOR TESTING REENTRY STRUCTURES AND MATERIALS	1962
19630000369	PROJECT MERCURY- THE ROLE OF THE ASTRONAUT IN PROJECT MERCURY SPACE FLIGHTS	1962
19630000370	PROJECT MERCURY	1962
19630000372	A Method for Determining Modal Characteristics of Nonuniform Thin Circular Rings	1962
19630000373	Physical Interpretation of the Extra Solutions of the Dirac Equation for Strongly Coupled Yukawa Potentials	1962
19630000375	Synchronization of Telemetry Codes	1962
19630000377	The Manned Lunar Mission	1962
19630000379	Solar Energy Thermionic Conversion System	1962
19630000381	Solar-Cell Power Systems Testing	1962
19630000452	Studies of the Liquid-Vapor Interface Configuration in Weightlessness	1962
19630000455	THE INFLUENCE OF PRECESSION OF EARTH RENDEZVOUS ORBITS ON LUNAR MISSION REQUIREMENTS	1962
19630000458	HEAT AND MOMENTUM TRANSFER IN SMOOTH AND ROUGH TUBES AT VARIOUS PRANDTL NUMBERS	1962
19630000460	Space Programs Summary No. 37-17 Volume VI for the Period July 1, 1962 - October 1, 1962. Space Exploration Programs and Space Sciences	1962
19630000506	EXPERIMENTAL STUDY OF THE EFFECTS OF SURFACE IRREGULARITIES ON THE HYPERSONIC AERODYNAMIC HEAT TRANSFER TO A FLAT PLATE	1962
19630000514	RELIABILITY AS A THERMOSTRUCTURAL DESIGN CRITERION	1962
19630000516	SATELLITE BOOSTER CONTROL	1962
19630000517	CONTROL OF RE-ENTRY FROM ORBIT	1962
19630000518	SATELLITE INERTIA-WHEEL ATTITUDE CONTROL ON ELLIPTICAL ORBITS	1962
19630000523	BIOLUMINESCENCE AS A PHYSIOLOGICAL INDEX	1962
19630000538	Tactile Communications with Air Jets	1962
19630000554	Venusian and Lunar Radar Depolarization Experiments	1962
19630000590	A SATELLITE LOOK ANGLE CALCULATOR	1962
19630000661	PRELIMINARY EVALUATION OF TWO JET-TRANSPORT SIMULATORS FOR THE INVESTIGATION OF LANDING-CONTACT CONDITIONS	1962
19630000679	Manned Space Flight	1962
19630000770	An Instrument for Measuring Torsional Creep and Recovery	1962
19630000778	Analysis of the Thermal Design Limitations of Solid-Core Reactors for Nuclear Propulsion	1962
19630000862	USE OF AN INERTIA SPHERE TO DAMP THE ANGULAR MOTIONS OF SPINNING SPACE VEHICLES	1962
19630000895	THE MAGNETIC FIELD OF THE CRAB NEBULA AND ITS CENTRAL STAR	1962
19630000897	The Distribution of Life in the Solar System: An Evaluation of the Present Evidence	1962
19630000908	CREW PERFORMANCE DURING SIMULATED LUNAR MISSIONS	1962
19630000919	PROCEEDINGS OF CONFERENCE ON SPACECRAFT STERILIZATION	1962
19630000923	LANDING CHARACTERISTICS OF A WINGED REENTRY VEHICLE WITH ALLSKID LANDING GEAR HAVING YIELDING-METAL SHOCK ABSORBERS	1962
19630000929	A Nuclear Electric Space-Bus for Planetary Landing Missions	1962
19630000943	The Effect of Initial Imperfections on the Buckling Stress of Cylindrical Shells	1962
19630000954	Local Circumferential Buckling of Thin Circular Cylindrical Shells	1962
19630000955	Elastic and Plastic Stability of Orthotropic Cylinders	1962
19630000963	ELASTIC INSTABILITY OF CONICAL SHELLS UNDER COMBINED LOADING	1962
19630000965	Axisymmetric Snap Buckling of Conical Shells	1962
19630000966	Buckling of Orthotropic and Stiffened Conical Shells	1962
19630000967	Asymmetric Buckling of Clamped Shallow	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630000977	AXISYMMETRIC DYNAMIC BUCKLING OF CLAMPED SHALLOW SPHERICAL SHELLS	1962
19630001007	AN ELECTRON-BOMBARDMENT ION ROCKET OPERATED WITH ALTERNATINGCURRENT SUPPLIES	1962
19630001015	AN ELECTROMAGNETIC FLOWMETER FOR LOW CONDUCTIVITY FLUIDS	1962
19630001023	A CORRECTION TO THE APPROXIMATE CONDITION FOR LOCATING THE BOUNDARY BETWEEN A MAGNETIC FIELD AND A PLASMA	1962
19630001030	A STUDY OF ABORT FROM A MANNED LUNAR LANDING AND RETURN TO RENDEZVOUS IN A 50-MILE ORBIT	1962
19630001056	A CRITICAL APPRAISAL OF MATERIALS TESTING	1962
19630001057	Bearings for Vacuum Operation	1962
19630001077	Theoretical and Experimental Studies of Expandable Structures	1962
19630001078	A LOGICAL NET MECHANIZATION FOR TIME-OPTIMAL REGULATION	1962
19630001093	A Critical Review of Experiment and Theory for Flutter of Aerodynamically Heated Panels	1962
19630001116	Free Transverse Vibrations in an Infinitely-Long, Layered Elastic Cylinder	1962
19630001121	Heat Transfer with Laminar Flow in Concentric Annuli with Constant Heat Flux and Simultaneously Developing Velocity and Temperature Distributions	1962
19630001124	Cavitation Damage in Liquid Metals, Report of Progress for Period 2 Aug. - 2 Oct. 1962	1962
19630001126	Continuous Propagation of Microorganisms	1962
19630001127	Quantum Mechanical Solution Obtained by Truncated Reaction Operators	1962
19630001176	STRUCTURAL SYNTHESIS OF SYMMETRIC WAFFLE PLATE	1962
19630001177	On the Dynamical Effects of Fuel Flow on the Motion of Boost Vehicles	1962
19630001197	HEATING PROBLEMS OF ENTRY INTO PLANETARY ATMOSPHERES FROM SUPERCIRCULAR ORBITING VELOCITIES	1962
19630001253	Life In Extraterrestrial Environments	1962
19630001284	The X-15 Flight Program	1962
19630001319	Endogenous Metabolism in Algae	1962
19630001320	CARBON DIOXIDE AND BICARBONATE IN CELL DIVISION	1962
19630001376	Planetary Position-Velocity Ephemerides Obtained by Special Perturbations	1962
19630001381	Project Relay	1962
19630001383	Real Time Applications of Celestial Mechanics in the NASA Goddard Space Flight Center's Mercury System	1962
19630001384	A Set of Two-Body Orbital Parameters Useful for Nearly Circular Orbits and Some Related Equations	1962
19630001387	Minimum Crew Space Habitability for the Lunar Mission	1962
19630001391	Development of Electric Propulsion Powr Systems	1962
19630001397	A Preview, "The U.S. Standard Atmosophere, 1962"	1962
19630001401	Surveyer Spacecraft Command and Data Handling GSE	1962
19630001434	Thermal Expansion in Air of Ceramic Oxides to 2200 DEG C	1962
19630001451	Acoustic Emission Under Cyclic Stress	1962
19630001534	ELECTROHYDRODYNAMICS OF SUPERFLUID HELIUM IN NARROW CHANNELS	1962
19630001587	PRESSURE FLUCTUATIONS IN A WEAK TURBULENT FIELD WITH A UNIFORM TRANSVERSE VELOCITY GRADIENT	1962
19630001588	INFLUENCE OF DRAG DURING BOOST ON ROCKET VEH2CLE PERFORMANCE	1962
19630001622	MELTING POINT MEASUREMENTS FOR THE TETRAMETHYLAMMONIUM NITRATENITRIC ACID SYSTEM	1962
19630001624	JERUSALEM MATHEMATICAL APPARATUS OF THE THEORY OF ANGULAR MOMENTUM	1962
19630001627	Proceedings Of The Nasa-University Conference On The Science And Technology Of Space Exploration, Volume 1 Chicago, November 1-3, 1962	1962
19630001628	Proceedings f he NASA-University Conference on the Science And Technology of Space Exploration, Volume 2, Chicago, November 1-3, 1962	1962
19630001629	GEOPHYSICS AND ASTRONOMY IN SPACE EXPLORATION	1962
19630001631	CELESTIAL MECHANICS AND SPACE FLIGHT ANALYSIS	1962
19630001632	DATA ACQUISITION FROM SPACECRAFT	1962
19630001633	CONTROL, GUIDANCE, AND NAVIGATION OF SPACECRAFT	1962
19630001635	ROCKET PROPULSION	1962
19630001637	POWER FOR SPACECRAFT	1962
19630001638	ELECTRIC PROPULSION FOR SPACECRAFT	1962
19630001639	AERODYNAMICS OF SPACE VEHICLES	1962
19630001640	GAS DYNAMICS IN SPACE EXPLORATION	1962
19630001641	PLASMA PHYSICS AND MAGNETOHYDRODYNAMICS IN SPACE EXPLORATION	1962
19630001642	LABORATORY TECHNIQUES IN SPACE ENVIRONMENT RESEARCH	1962
19630001643	MATERIALS FOR SPACE EXPLORATION	1962
19630001644	Structures for Space Operations	1962
19630001666	Growth and Development of Plants in Compensated Gravitational, Magnetic, and Electric Fields	1962
19630001788	Committee on Science and Astronautics 1963 Nasa Authorization Hearings Before the Subcommittee on Applications and Tracking and Data Acquisition of the Committee on Science and Astronautics, U. S. House of Representatives, Mar. 5, 6, 8, 12, 14 and Apr. 10, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630001823	Determination of the Emissivity of Materials	1962
19630001903	JET EFFECTS ON ANNULAR BASE PRESSURE AND TEMPERATURE IN A SUPERSONIC STREAM	1962
19630001904	STUDY OF AN AUTOMATIC SYSTEM FOR CONTROL OF THE TERMINAL PHASE OF SATELLITE RENDEZVOUS	1962
19630001930	New Techniques for the Vacuum-Ultraviolet	1962
19630002087	Alouette - Canada's First Satellite	1962
19630002119	Pilot's Flight Report	1962
19630002167	Lunar Surface Characteristics Based on Radar and Photographic Data	1962
19630002177	PRELIMINARY EXPLORER 12 DATA ON PROTONS BELOW 20 KEV	1962
19630002197	The Explorer Satellites	1962
19630002202	Solar Radio Noise - Part III: Type IV Bursts	1962
19630002215	Mariner	1962
19630002239	Catalog of Precisely Reduced Observations	1962
19630002241	ON SOME SINGULAR ORBITS OF AN EARTH-MOON SATELLITE WITH A HIGH AREA-MASS RATIO	1962
19630002242	On the Libration Orbits of a Particle Near the Triangular Point in the Semirestricted Three-Body Problem	1962
19630002243	Re-Entry and Recovery of Fragments of Satellite 1960 1 (Sputnik IV)	1962
19630002277	Dynamic Response of Fluid Lines	1962
19630002292	ROCKET ENGINE ANALYZER AND DECISION INSTRUMENTATION READI INVESTIGATION. VOLUME I -	1962
19630002293	ROCKET ENGINE ANALYZER AND DECISION INSTRUMENTATION READI INVESTIGATION. VOLUME II - APPENDICES	1962
19630002385	The Sputtering of Copper by N(sub 2 plus) as a Function of Pressure and Temperature	1962
19630002465	Space Exploration Programs and Space Sciences	1962
19630002479	A Variable Geometry Space Structures Concept Basic Characteristics and Capabilities	1962
19630002481	A Method for the Determination of High-Altitude Water-Vapor Abundance from Ground-Based Microwave Observations	1962
19630002489	Chronology of Major NASA Launchings.	1962
19630002490	PRELIMINARY ANALYSIS OF FIVE POSSIBLE VIBRATORY OUTPUT ANGULAR MOTION SENSORS	1962
19630002502	Methods for Determining Blood Flow Through Intact Vessels of Experimental Animals Under Conditions of Gravitational Stress and in Extraterrestrial Space Capsules	1962
19630002503	The Dumbbell Electrostatic Ionosphere Probe: Ionospheric Data	1962
19630002722	COMBINED STABILITY AND CONTROL AND AIRCRAFT AND ENGINE PERFORMANCE TRIALS OF THE MODEL AO-1AF AIRPLANE	1962
19630002777	Dynamics, Composition and Origin of the Geomagnetically-Trapped Corpuscular Radiation	1962
19630002779	Mathematical Description of Linear Dynamical Systems	1962
19630002780	On Isometric Deformation of Screw Surfaces	1962
19630002900	A MULTIRANGE PRECISION TORQUE MEASURING DEVICE	1962
19630002950	A Preliminary Report on Two Bio-Electrogenic Systems	1962
19630003063	HYPERFINE STRUCTURES AND NUCLEAR MOMENTS OF LU SUPER 176M, BR SUPER 80, BR SUPER 80M, AND I SUPER 132	1962
19630003152	DEVELOPMENT OF LOW TEMPERATURE DIELECTRIC COATINGS FOR ELECTRICAL CONDUCTORS	1962
19630003156	Theory of Auroral Bombardment: Supplementary Remarks	1962
19630003185	Experimental Study of Cylinder and Sphere Wakes at a Mach Number of 3.7	1962
19630003229	CALCULATIONS OF COMPRESSIBLE AVERAGE TURBULENT SKIN FRICTION	1962
19630003230	A PRELIMINARY THEORETICAL STUDY OF THE EXPANSION TUBE, A NEW DEVICE FOR PRODUCING HIGH-ENTHALPY SHORT-DURATION HYPERSONIC GAS FLOWS	1962
19630003348	A CONVOLUTION PRODUCT FOR DISCRETE FUNCTION THEORY	1962
19630003349	Cryogenic Research and Development. Eighth Progress Report for Period Ending Dec. 31, 1962	1962
19630003350	ELECTROCHEMICAL BEHAVIOR OF A PALLADIUM HYDROGEN DIFFUSION ELECTRODE	1962
19630003352	LOW PRESSURE MERCURY ARC FOR ULTRAVIOLET CALIBRATION	1962
19630003408	Hypersonic Flow Problem During Re-Entry into the Atmosphere	1962
19630003569	An Experimental Method to Measure the Strain Energy Function W	1962
19630003570	Least-Square Analysis of Gamma-Ray Pulse Height Spectra	1962
19630003599	Research in Space Science. Catalogue of Satellite Observations No. C-28	1962
19630003606	STERILIZATION OF SPACE PROBE COMPONENTS.	1962
19630003608	Radar Exploration of Venus	1962
19630003669	An Investigation of the Corrosion Resistance of Metallic Materials to Molten Lithium Hydride at Cyclic Elevated Temperatures	1962
19630003847	THE CRITICAL INCLINATION PROBLEM IN SATELLITE ORBIT THEORY	1962
19630003983	A STUDY OF THE FREE OSCILLATIONS OF THE EARTH	1962
19630004132	Communications of the Lunar and Planetary Laboratory, Volume 1, Numbers 14-16	1962
19630004327	SOME MICROSTRUCTURES OF COMPLEX MORPHOLOGY OBSERVED IN PREPARATIONS OF CARBONACEOUS CHONDRITES MADE UNDER STERILE CONDITIONS	1962
19630004448	Effect of Ignition Geometry on Initial Flame Acceleration in a Spark Ignited Explosive Gas	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630004803	A STUDY OF INTERPLANETARY TRANSPORTATION SYSTEMS	1962
19630005096	LAMINAR BOUNDARY-LAYER SEPARATION INDUCED BY FLARES ON CYLINDERS AT ZERO ANGLE OF ATTACK	1962
19630005201	Communications of the Lunar and Planetary Laboratory, Volume I, Numbers 17-23	1962
19630005265	Experimental Techniques for the Measurement of Nuclear Secondaries from the Interactions of Protons of a Few Hundred Mev	1962
19630005270	Long Range NASA Shielding Requirements	1962
19630005372	An Adaptive-Predictive Model for Nonlinear Processes with Two-Level Inputs	1962
19630005383	Research on Fundamental Electrodynamic and Hydrodynamic Phenomena Involved in Electromagnetic Pumping of Liquid Metals	1962
19630005919	Plastic Stability Theory of Geometrically Orthotropic Plates and Cylindrical Shells	1962
19630006114	Cconcerning Ballistic and Aeronautical Space Travel	1962
19630006138	A Possible Approach to Scientific Exploration of the Planet Mars	1962
19630006189	Low Drag Supercavitating Hydrofoil Sections	1962
19630006277	Thermal Conductivity of Non-Metallic Materials	1962
19630006278	Apollo Guidance and Navigation. Reliability Handbook for Electronic Designers	1962
19630006345	The Performance of a Flat-Staggered Filter Bank for Recovering Tone Burst Telemetry Signals	1962
19630006549	TABLES OF AERODYNAMIC COEFFICIENTS OBTAINED FROM DEVELOPED NEWTONIAN EXPRESSIONS FOR COMPLETE AND PARTIAL CONIC AND SPHERIC BODIES AT COMBINED ANGLES OF ATTACK AND SIDESLIP WITH SOME COMPARISONS WITH HYPERSONIC EXPERIMENTAL DATA	1962
19630006563	COMPUTER PROGRAM FOR REDUCTION OF NEUTRON ACTIVATION FOIL DATA	1962
19630006567	Performance Calculations for Monopropel/ant Hydrazine and Monopropellant Hydrazine-Hydrazine Nitrate Mixtures	1962
19630006792	PROPERTIES OF PHOTODETECTORS. PHOTODETECTORS SERIES, 51ST REPORT	1962
19630006795	Orbit-Launched Nuclear Vehicle Design and Performance Evaluation Procedure for Escape and Planetary Missions	1962
19630006796	CHARGED PARTICLE REACTIONS OF IMPORTANCE IN THE IONOSPHERE	1962
19630006797	DISCREPANCIES WITH DELTA P SENSORS FOR MONITORING LIQUID PROPELLANT SLOSHING DURING ROCKET FLIGHT	1962
19630006802	RADIOACTIVITY INDUCED IN DISCOVERER 17 BY SOLAR FLARE PROTONS	1962
19630006809	THE SPECIFIC HEAT AT CONSTANT VOLUME OF PARA-HYDROGEN AT TEMPERATURES FROM 15 TO 90 DEG K AND PRESSURE TO 340 ATM	1962
19630006811	THE SPECIFIC HEAT OF SATURATED LIQUID PARA-HYDROGEN FROM 15 TO 32 DEG K	1962
19630006832	PRELIMINARY SOLAR FLARE OBSERVATIONS WITH A SOFT X-RAY SPECTROMETER ON THE ORBITING SOLAR OBSERVATORY	1962
19630006833	CONTINUOUS AND DEGENERATE GRAVITATING SYSTEMS	1962
19630006834	COMPUTER EVALUATION OF RAWINSONDE DATA FOR SPACE VEHICLE APPLICATIONS	1962
19630006841	S-51 REAL TIME DATA REDUCTION SYSTEM	1962
19630006842	THE GRAVITATIONAL POTENTIAL OF A TRIAXIAL EARTH	1962
19630006843	SELECTIVE ESCAPE OF GASES	1962
19630006845	WORK FUNCTION CHANGES PRODUCED BY CHEMISORPTION ON SURFACES WITH DIFFERENT TYPES OF ADSORPTION SITES	1962
19630006847	ROOT-MEAN-SQUARE ERROR ANALYSIS FOR EQUATIONS IN RAWINSONDE EVALUATION PROGRAM	1962
19630006848	ESTIMATED 1963 - 1970 CAPABILITY OF THE DEEP SPACE INSTRUMENTATION FACILITY FOR APOLLO PROJECT	1962
19630006850	REPORT ON THE 1962 SUMMER INSTITUTE IN SPACE PHYSICS	1962
19630006852	TERMINATION OF SOLAR WIND AND SOLAR MAGNETIC FIELD	1962
19630006856	THE VAPOUR PRESSURE OF 20 DEG K EQUILIBRIUM HYDROGEN	1962
19630007008	SPALLATION PRODUCTS DISTRIBUTED IN A THICK IRON TARGET BOMBARDED BY 3-BEV PROTONS	1962
19630007012	THE PERFORMANCE OF A BANK OF DOUBLE, ISOLATED, SYNCHRONOUSLY TUNED FILTERS FOR RECOVERING TONE BURST TELEMETRY SIGNALS	1962
19630007074	MINITRACK CALIBRATION SYSTEM	1962
19630007258	COSMIC-RAY-PRODUCED STABLE ISOTOPES IN IRON METEORITES	1962
19630007262	DRY GAS OPERATION OF BALL BEARINGS AT CRYOGENIC TEMPERATURES	1962
19630007266	RANGE-ENERGY RELATIONS FOR PROTONS AND ELECTRONS IN A1, S1, AND S10 SUB 2	1962
19630007285	FURTHER COMMENTS ON STABILITY OF INTERFACE BETWEEN SOLAR WIND AND GEOMAGNETIC FIELD	1962
19630007290	All Solid-Propellant Injection Vehicles for Large-Payload Space Missions. Applicability of Solid Propellants to High-Performance Rocket Vehicles	1962
19630007293	AN EQUATION OF STATE FOR CALCULATING THE THERMODYNAMIC PROPERTIES OF HELIUM AT LOW TEMPERATURES	1962
19630007294	COMMENTS ON CORONAL HEATING	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630007329	QUENCHED-IN RESISTIVITY IN DILUTE ALLOYS	1962
19630007331	A SYSTEM APPROACH TO RELIABILITY TESTING	1962
19630007337	THE EFFECT OF IMPURITIES AND STRUCTURE ON THE TENSILE TRANSITION TEMPERATURE OF CHROMIUM	1962
19630007338	DIRECT-ASCENT VS PARKING-ORBIT TRAJECTORY FOR LUNAR-SOFT-LANDING MISSIONS	1962
19630007339	SYNTHESIS OF PORPHINE-LIKE SUBSTANCES DURING CHEMICAL EVOLUTION	1962
19630007341	NONLINEAR GUIDANCE SYSTEM FOR DESCENT TRAJECTORIES	1962
19630007342	THE HARDNESS BEHAVIOR OF CHROMIUM ALLOYED WITH GROUP IV-A TO VIII TRANSITION METALS	1962
19630007344	MERCURY CORROSION LOOP TESTING PROGRAM	1962
19630007346	A COMPARISON OF THIN COATINGS OF PHENOLIC NYLON AND "THERMO-LAG" T-500 DURING EXPOSURE TO LOW CONVECTIVE HEAT FLUXES OF LONG DURATION	1962
19630007347	MERCURY CORROSION LOOP TESTING PROGRAM	1962
19630007350	PRELIMINARY RESULTS FROM MARINER-II SOLAR PLASMA EXPERIMENT	1962
19630007352	ADAPTIVE STATE VECTOR CONTROL. SECTION 4- THE THEORY OF TIMEOPTIMAL CONTROL OF LINEAR SYSTEMS	1962
19630007355	Detection of Signals in Colored Noise	1962
19630007401	Resources to Support a Man-Machine System	1962
19630007417	SYSTEM RELIABILITY EVALUATION TESTING	1962
19630007466	On a Consistent System of Astrodynamical Constants	1962
19630007516	Space Exploration 1962	1962
19630007822	AN "INVARIANT" PROPERTY OF SATELLITE MOTION IN A DISSIPATIVE MEDIUM	1962
19630007845	AN INTRODUCTION TO CRACK PROPAGATION IN HIGH STRENGTH SHEET MATERIALS	1962
19630008065	ENERGY AVERAGES IN LOOSELY COUPLED VIBRATING SYSTEMS, WITH APPLICATIONS TO NOISE REDUCTION	1962
19630008077	A new approach to space exploration	1962
19630008078	RECOMBINATION LUMINESCENCE IN ALKALI HALIDES	1962
19630008155	Selection of Polymeric Materials for Spacecraft Application	1962
19630008156	DEVELOPMENT OF LOW TEMPERATURE DIELECTRIC COATINGS FOR ELECTRICAL CONDUCTORS	1962
19630008157	An Analysis and Summary of Responses from Fellows of the American Academy of Arts and Sciences Concerning the Space Program as a Subject for Study and Thought	1962
19630008160	DESIGN GUIDE FOR PRESSURIZATION SYSTEM EVALUATION LIQUID PROPULSION ROCKET ENGINES. VOLUME I- USE OF DESIGN GUIDE, GENERAL DESIGN DATA REPORT COVERING PERIOD, 19 APR. 1961 THROUGH 30 SEPT. 1962	1962
19630008262	I. DESIGN AND APPLICATION OF PIEZOCESDMIC TRANSDUCERS TO TRANSIENT PRESSURE MEASUREMENTS. II. SOME MEASUREMENTS OF CURVATURE AND THICKNESS OF REFLECTING NORMAL SHOCKS AT LOW INITIAL PRESSURES	1962
19630008281	VIBRATION AND SHOCK TESTING ON PROTOTYPE HORIZON SENSOR FOR SPACE, INC. TEST REPORT	1962
19630008289	OPTICAL SATELLITE TRACKING PROGRAM	1962
19630008382	INVESTIGATIONS ON SOME ALKALI HALIDES IN THE VACUUM ULTRAVIOLET	1962
19630008416	HIGH RESOLUTION WIND AND WIND SHEAR MEASUREMENT WITH DOPPLER RADAR	1962
19630008436	NASA PROGRAM PLANNING IN SPACE SCIENCES	1962
19630008483	INVESTIGATION OF ZEOLITE MEMBRANE ELECTROLYTES FOR FUEL CELLS	1962
19630008491	DIRECT OBSERVATIONS OF THE INTERPLANETARY PLASMA	1962
19630008511	AMINO ACID COMPOSITIONS OF PROTEINOIDS	1962
19630008520	EVALUATION OF A HIGH STRENGTH COLUMBIUM ALLOY AS-55 FOR ALKALI METAL CONTAINMENT	1962
19630008522	ULTRAVIOLET ABSORPTION OF KI DILUTED IN KCL CRYSTALS	1962
19630008526	ASTRORELATIVITY	1962
19630008527	MAGNETOHYDRODYNAMIC WAVES IN A CONSTANT DIPOLE MAGNETIC FIELD	1962
19630008533	FUEL CELL ASSEMBLIES FIRST QUARTERLY REPORT, 10 APR. - 10 JULY 1962	1962
19630008535	Information Flow Plan Development Manned Apollo Mission	1962
19630008536	INFORMATION FLOW PLAN GEMINI RENDEZVOUS OPERATION PRELIMINARY ISSUE	1962
19630008540	GAS IN MULTILAYER THERMAL INSULATION	1962
19630008544	STAR CATALOGS ON PUNCHED CARDS AND MAGNETIC TAPES - DETAILS	1962
19630008545	LUNAR SURFACE AND SUBSURFACE MAGNETIC SUSCEPTIBILITY INSTRUMENTATION	1962
19630008580	MISSILE POWER SUPPLY INTERELECTRONICS CORP., MODEL 28BF3B-AN - SATURN	1962
19630008607	MECHANICAL ELEMENTS AND BEARINGS IN SPACE	1962
19630008612	THE DETECTION OF OXYGEN BY GAS-PHASE POLAROGRAPHY AT LOW TEMPERATURES AND LOW PRESSURES	1962
19630008615	FUEL CELL ASSEMBLIES SECOND QUARTERLY REPORT, 10 JULY TO 10 OCT. 1962	1962
19630008724	Proceedings of the Nimbus Program Review	1962
19630008742	Automatic Picture Transmission System	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630008743	Engineering Applications of the Nimbus Telemetry	1962
19630008771	THE HYPERVELOCITY IMPACT OF PELLET WITH THIN PLATES- THEORETICAL CONSIDERATIONS, PART 2	1962
19630008811	STUDIES IN THE FIELDS OF SPACE FLIGHT AND GUIDANCE THEORY	1962
19630008979	Proton-neutron Damage Correlation in Semiconductors	1962
19630008980	UTILIZATION OF NASA-GENERATED SPACE TECHNOLOGY BY MIDWESTERN INDUSTRY	1962
19630008982	STATUS REPORT ON TRAPPED ELECTRONS FROM THE STARFISH HIGH ALTITUDE NUCLEAR TEST	1962
19630009118	CATALOG OF PRECISELY REDUCED OBSERVATIONS NO. P-4	1962
19630009232	HOW MATERIALS BEHAVE IN SPACE	1962
19630009386	A RADIANT HEAT SOURCE IN A SIMULATED ALTITUDE ENVIRONMENT	1962
19630009387	REACTIVITY OF TITANIUM WITH OXYGEN	1962
19630009416	THEORETICAL AND EXPERIMENTAL ASPECTS OF RING CURRENTS	1962
19630009513	TRAJECTORY DETERMINATION BY A LEAST-SQUARES DIFFERENTIAL CORRECTION OF THREE-DEGREE-OF-FREEDOM ACCELERATIONS	1962
19630009546	Project Gemini Fact Sheet	1962
19630009604	MARS BIOLOGICAL ANALYSIS BY GAS CHROMATOGRAPHY	1962
19630009606	SIMPLE VIDICON MICROSCOPY	1962
19630009607	STERILIZATION OF SPACECRAFT	1962
19630009611	THE IMPORTANCE OF MANNED LUNAR EXPLORATION AN OPEN-END DISCUSSION	1962
19630009616	OPERATIONAL ASPECTS OF WEIGHTLESSNESS	1962
19630009974	GRAVITY GRADIENT TORQUES ON A SUN-ORIENTED SPACE STATION	1962
19630009977	STABLE WHITE COATINGS	1962
19630010062	ANALYSIS OF COMPLEX REDUNDANT STRUCTURES BY THE FLEXIBILITY METHOD	1962
19630010064	A METHOD OF DETERMINING THE SOURCE OF ERRORS IN GUIDANCE MEASUREMENTS AND THE RESULTANT ERRORS IN EARTH-FIXED COMPONENTS	1962
19630010071	SELF-DEPLOYING SPACE STATION - VOLUME II, APPENDIXES	1962
19630010083	STUDY SERIES- VOLUME 3. EARTH TO MOON TRAJECTORY INVESTIGATION FOR MISSION PROFILES INVOLVING A LUNAR PARKING ORBIT	1962
19630010099	Carbon Dioxide and Bicarbonate in Cell Division	1962
19630010111	METAL EXPULSION DIAPHRAGM DEVELOPMENT FOR SPHERICAL PROPELLANT TANKS	1962
19630010227	EMPIRICAL EVIDENCE FOR NONLINEARITY AND DIRECTIONS FOR FUTURE WORK	1962
19630010311	THEORY OF SPACE FLIGHT AND ADAPTIVE GUIDANCE STATUS REPORT NO. 1	1962
19630010329	UTILIZATION OF THE ACCESSORY MINIMUM PROBLEM IN TRAJECTORY ANALYSIS	1962
19630010335	DEVELOPMENT OF A HIGHLY REFLECTIVE UNFIRED CERAMIC THERMAL INSULATION	1962
19630010362	Space Science and Satellite Applications Programs Report to the Space Science Board	1962
19630010399	PHYSICS OF FAILURE	1962
19630010621	THE CALCULATION OF THE FLOW PROPERTIES AND STANDOFF DISTANCE OF A VEHICLE BASED ON AN IDEAL GAS WITH VARIABLE SPECIFIC HEATS AND REDUCED PRESSURES	1962
19630010732	THE DEPOSITION OF VACUUM COATINGS BY MEANS OF ELECTRON BOMBARDMENT	1962
19630010778	A Preliminary Report on the NASA Sheet Alloy Screening Program for Mach 3 Transport Skins	1962
19630010975	PHOTOEMISSIVE DETECTORS FOR LABORATORY AND SPACE RESEARCH	1962
19630010997	THE DYNAMIC ENVIRONMENT OF SPACE	1962
19630011000	ACOUSTICS	1962
19630011002	THERMAL ENVIRONMENTS - UPPER ATMOSPHERE	1962
19630011005	PROPERTIES OF MATERIALS	1962
19630011168	Static DC to Sinusoidal AC Conversion	1962
19630011171	WHY SPACE	1962
19630011181	A STUDY OF INTERMODULATION INTERFERENCE IN A MULTITRANSMITTERMULTIRECEIVER ENVIRONMENT	1962
19630011189	ADAPTIVE STATE VECTOR CONTROL. SECTION 8- A LOGICAL NET MECHANIZATION FOR TIME-OPTIMAL REGULATION	1962
19630011192	AN ANALOG STUDY OF SYSTEM PROTECTION	1962
19630011298	RADIATION DAMAGE TO SILICON	1962
19630011346	SUNFLOWER POWER CONVERSION SYSTEM	1962
19630011376	POWER SUPPLY EMPLOYING A CASCODE SHUNT AMPLIFIER	1962
19630011429	INVERTER FOR USE WITH VERY LOW INPUT VOLTAGES	1962
19630011433	EVALUATION OF CRITICAL PROPERTIES OF SELECTED MATERIALS FOR ELECTRONIC PACKAGING PURPOSES	1962
19630011466	Proceedings of the Conference on Lunar Exploration. Part C	1962
19630011484	RESEARCH AND DEVELOPMENT IN CDS PHOTOVOLTAIC FILM CELLS	1962
19630011550	THE DETERMINATION OF LUNAR ORBITS FROM EARTH-BASED RADAR TRACKING DATA	1962
19630011551	EARTH-ORBITAL TRAJECTORY ESTIMATING CAPABILITY OF A SINGLE GROUND RADAR AS FUNCTION OF ITS ANGULAR ACCURACY	1962
19630011552	THE PHYSICAL CHARACTERISTICS OF METEORS RESEARCH	1962

Accession Number (DocID)	Title	Publication Year
19630011601	RADIATION PRECAUTIONS IN THE DEEP SPACE INSTRUMENTATION FACILITIES	1962
19630011605	INVESTIGATIONS OF CARBIDES AS CATHODES FOR THERMIONIC SPACE REACTORS	1962
19630011845	PROGRAM TO COMPUTE INTERMODULATION PRODUCTS	1962
19630011847	RESEARCH ON THE VORTEX MHD POWER GENERATOR	1962
19630011855	A STUDY OF POLYMERS CONTAINING SILICON-NITROGEN BONDS	1962
19630011966	STIFFNESS MATRIX STRUCTURAL ANALYSIS	1962
19630011967	PRANDTL-MEYER EXPANSION OF AN IONIZING MONATOMIC GAS	1962
19630012031	EXPLORATION OF SPACE WITH SCIENTIFIC PROBES	1962
19630012033	ZERO-G PROGRAM FINAL REPORT	1962
19630012035	Status of Flight Leak Measuring Transducers	1962
19630012096	THE SPACE ENVIRONMENT ADDDUM NO. 1	1962
19630012122	SATELLITE SITUATION REPORT, VOLUME 2, NO. 3	1962
19630012123	SATELLITE SITUATION REPORT, VOLOLUME 2, NO. 4	1962
19630012125	SATELLITE SITUATION REPORT, VOLUME 2, NO. 7	1962
19630012126	SATELLITE SITUATION REPORT, VOLUME 2, NO. 16	1962
19630012168	TRANSIENT PRESSURE MEASURING METHODS RESEARCH. AN ANALYTICAL AND EXPERIMENTAL STUDY OF THE RESPONSE OF A SMALL CHAMBER TO FORCED PRESSURE OSCILLATIONS	1962
19630012172	POTTING COMPOUNDS AND SEALANTS FOR SPACECRAFT APPLICATIONS TECHNICAL INFORMATION INSTRUCTION NO. 7	1962
19630012173	MARINER R RELIABILITY MODEL FORMULATION AND QUALITATIVE ASSESSMENT	1962
19630012174	LUNAR ORBITER CAPSULE, FINAL PHASE-OUT REPORT	1962
19630012257	SATURN C-5 ADAPTIVE CONTROL SYSTEM STUDY	1962
19630012258	Investigation of Condensers Applicable to Space Power Systems. Part 1 - Direct Condensers	1962
19630012262	DESIGN AND DEVELOPMENT OF HYDROGEN-OXYGEN FUEL CELL POWERPLANT	1962
19630012281	DEVELOPMENTAL TESTS FOR THE LIQUID HYDROGEN SERVICING SYSTEMS, COMPLEX 37B, SATURN C-1, CAPE CANAVERAL, FLORIDA	1962
19630012287	MEASUREMENT OF THERMAL PROPERTIES OF LIH AND LIH-LI MIXTURESENTHALPY, HEAT OF FUSION, CONDUCTIVITY	1962
19630012313	SEMIANNUAL REPORT - BIOLOGY AND MEDICINE, FALL 1962	1962
19630012513	Parametric Performance Analysis of Lunar Missions. Part I: Brake to Lunar Orbit	1962
19630012570	Measurements of Distributions of Interplanetary Dust	1962
19630012703	THEORETICAL ASPECTS OF PLANAR SOUND PROPAGATION IN THE ATMOSPHERE	1962
19630012823	CATHODE DEVELOPMENT STUDIES	1962
19630013071	A SUGGESTION CONCERNING THE BOUNDARY CONDITIONS OF B STARS	1962
19630013072	COLL. OBSERVATORY KINEMATIC STUDIES OF EARLY-TYPE STARS. I. PHOTOMETRIC SURVEY, SPACE MOTIONS, AND COMPARISON WITH RADIO OBSERVATIONS	1962
19630013127	CHARGED PARTICLE RADIATION DAMAGE IN SEMICONDUCTORS, III- THE ENERGY DEPENDENCE OF PROTON DAMAGE IN SILICON	1962
19630013137	SUPPLEMENT TO BIOLOGY AND MEDICINE	1962
19630013139	NONEQUILIBRIUM AND EQUILIBRIUM RADIATION AT SUPER-SATELLITE RE-ENTRY VELOCITIES	1962
19630013140	THE U.S. SPACE PROGRAM	1962
19630013142	IONOSPHERIC ABSORPTION OF EXTRATERRESTRIAL RADIO WAVES	1962
19630013143	SPACE STATION CONNECTION AND SEAL STUDY	1962
19630013145	THE DESIGN AND DEVELOPMENT OF A SHORT-DURATION CONSTANT PRESSURE COMBUSTOR FOR USE IN ROCKET BASE HEATING INVESTIGATIONS	1962
19630013147	ABORT FROM A COPLANAR CIRCUMLUNAR ORBIT	1962
19630013148	EVALUATION OF WELDED 2219-T87 ALUMINUM ALLOY	1962
19630013155	MICROSCOPIC SYSTEM FOR MARS STUDY PROGRAM	1962
19630013158	DOCUMENTATION OF THE TIROS III DATA REDUCTION PROGRAM	1962
19630013159	THE A. C. CONDUCTIVITY OF A PLASMA	1962
19630013162	EVALUATION OF CRITICAL PROPERTIES OF SELECTED MATERIALS FOR ELECTRONIC PACKAGING PURPOSES	1962
19630013165	DEVELOPMENT OF ORGANIC SEALANTS FOR APPLICATIONS AT VERY LOW TEMPERATURES	1962
19630013180	AN INTERIM INTERSTELLAR RADIATION FIELD	1962
19630013478	AN INVESTIGATION OF THE VIBRATION CHARACTERISTICS OF PRESSURIZED THIN-WALLED CIRCULAR CYLINDERS PARTLY FILLED WITH LIQUID	1962
19630013627	HYDROMAGNETIC WAVE PROPAGATION IN A CONSTANT DIPOLE MAGNETIC FIELD	1962
19630013642	FABRICATION OF A 60 INCH DIAMETER STRETCH FORMED ALUMINUM SOLAR CONCENTRATOR	1962
19630013922	AN APPLICATION OF TIME OPTIMAL CONTROL TO A FLEXIBLE LAUNCH VEHICLE	1962
19630013950	REACTION WHEELS FOR ADVENT AND NIMBUS ATTITUDE CONTROL	1962
19630017098	Thermal Design of the Explorer XIII Micrometeoroid Satellite	1962
19630017099	The Effects of Angular Motion of Rotating Space Vehicles on the Ability of an Astronaut to Perform Simple Tasks	1962
19630017963	ON THE KARMAN VORTEX STREET IN MAGNETOFLUIDDYNAMICS	1962
19630021307	The Mechanism of Burning of Liquid Hydrazine	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030055	IRREVERSIBLE THERMODYNAMICS AND VARIATIONAL PRINCIPLES WITH APPLICATIONS TO VISCOELASTICITY	1962
19630030056	INORGANIC THICKENED GREASES <FINAL< TECHNICAL DOCUMENTARY REPORT <MAY 1961 - MAY 1962<	1962
19630030057	THEORY OF R-F PROBE MEASUREMENTS IN A FULLY IONIZED PLASMA TECHNICAL REPORT NO. 106-1	1962
19630030058	LEARNING PHENOMENA IN NETWORKS OF ADAPTIVE SWITCHING CIRCUITS TECHNICAL REPORT NO. 1554-1 <JAN. 1961 - FEB. 1962<	1962
19630030059	LABORATORY SIMULATION STUDIES OF OUTER SPACE PHENOMENA SECOND QUARTERLY STATUS REPORT, JULY 11-OCT. 10, 1962	1962
19630030064	MECHANICAL CHARACTERISTICS OF POLYCRYSTALLINE NIO ANNUAL PROGRESS REPORT NO. 2, 1 SEPT. 1961 - 31 AUG. 1962	1962
19630030065	CENTRAL INERTIAL GUIDANCE TEST FACILITY GUIDE. VOLUME I. FACILITIES AND CAPABILITIES	1962
19630030067	DEVELOPMENT OF AN INFRARED INSPECTION TECHNIQUE FINAL TECHNICAL ENGINEERING REPORT, 27 FEB. 1961-30 SEPT. 1962	1962
19630030068	SOME REMARKS ON GLAUERT'S GENERAL INTERFERENCE THEOREM	1962
19630030070	CRASH INJURY BULLETIN. STRENGTH ANALYSIS OF CARRIAGE ATTACHMENT FITTING ON CREW SEATS, HU-1 AIRCRAFT AND RECOMMENDATIONS FOR IMPROVEMENT	1962
19630030072	INVESTIGATION OF OPTICAL TECHNIQUES FOR LUNAR TRACKING <FINAL TECHNICAL DOCUMENTARY REPORT <APR. 1961-APR. 1962<	1962
19630030073	A METHOD FOR CALCULATING VIBRATIONAL TRANSITION PROBABILITIES <INTERIM TECHNICAL REPORT<	1962
19630030074	INITIAL PERFORMANCE OF AN ARC-DRIVEN HYPERSONIC IMPULSE FACILITY INCLUDING SOME MICROWAVE BREAKDOWN MEASUREMENTS	1962
19630030075	AN ANALYSIS OF THE BIAS AND PRECISION ESTIMATES OF TRAJECTORY MEASURING SYSTEMS. /OPERATION PRECISE ROUND NUMBER 2/	1962
19630030076	LOW TEMPERATURE ADSORPTION OF CARBON DIOXIDE FINAL REPORT, SEPT. 1, 1961 TO MAR. 1, 1962	1962
19630030077	RECOMMENDED RESEARCH PROGRAMS FOR CASTING SEVENTH PROGRESS REPORT BY THE PANEL ON CASTING AND POWDER METALLURGY OF THE COMMITTEE ON THE DEVELOPMENT OF MANUFACTURING PROCESSES FOR AIRCRAFT MATERIALS	1962
19630030078	SUMMARY REPORT OF THE AIRCRAFT AND ASTRONAUTICS APPLICATIONS PANEL OF THE COMMITTEE ON THE DEVELOPMENT OF MANUFACTURING PROCESSES FOR AIRCRAFT MATERIALS	1962
19630030079	ADVANCED NIMOGRAPHY, VOLUME I	1962
19630030080	NONEQUILIBRIUM GASDYNAMICS RELATED TO PROPULSION SYSTEMS FINAL REPORT, JULY 1 - SEPT. 30, 1962	1962
19630030082	REFINED METHOD FOR CALCULATING SATELLITE INTERFERENCE FROM MICROWAVE TRANSMITTERS REPORT NO. 2	1962
19630030085	MEASUREMENTS OF FREE-STREAM TURBULENCE IN SOME LOW SPEED TUNNELS AT NPL	1962
19630030086	THE APPLICATION OF A VISCO-ELASTIC RELAXATION MODEL TO OSCILLATORY SYSTEMS	1962
19630030087	AN ASSESSMENT OF THREE TYPES OF ANTI-SEIZURE SURFACE TREATMENT APPLIED TO THE PLUNGERS OF A PUMP OPERATING WITH D.P. 47 /G.E. 81406/ HYDRAULIC FLUID	1962
19630030088	CONDENSATION OF SODIUM AND RUBIDIUM AT LOW HEAT FLUXES TECHNICAL DOCUMENTARY REPORT, JULY 1960 - JULY 1962	1962
19630030089	PRESSURES AND FORCES ON A MISSILE MODEL RESULTING FROM STAGE SEPARATION AT VERY HIGH ALTITUDES	1962
19630030090	DEVELOPMENT OF DEEP DRAWN - ONE PIECE HIGH PERFORMANCE ROCKET MOTOR CASE GENERAL REPORT NO. 20, MAY 10-JUNE 30, 1962	1962
19630030092	HIGH SPEED SWITCHING OF A MAGNETIC DRUM STORE	1962
19630030093	A DIGITAL SIMULATION STUDY OF THE RELATION BETWEEN REGULARITY OF ARRIVALS AND CONGESTION IN A QUEUEING SYSTEM WITH PARTICULAR REFERENCE TO RUNWAY UTILIZATION	1962
19630030094	THE APPARENT DISTORTION OF THE DROP-SIZE DISTRIBUTION IN A LIQUID SPRAY ANALYSED BY HIGH-SPEED PHOTOGRAPHS	1962
19630030095	FERROCENE POLYMERS PART II. THE POTENTIALITIES OF 1,1'DIMETALOFERROCENES FOR THE SYNTHESIS OF HIGH-TEMPERATURE RESISTANT POLYMERS	1962
19630030096	A NOTE ON THE THEORY OF PARACHUTE STABILITY	1962
19630030098	FERROCENE POLYMERS. PART III. SOME ASPECTS OF THE REACTION BETWEEN FERROCENE AND PHENYLSODIUM	1962
19630030099	TESTS OF X TYPE PARACHUTES AND RESERVE PARACHUTES TO ASCERTAIN A SAFE SHELF STORAGE LIFE	1962
19630030100	LOW SPEED WIND TUNNEL MEASUREMENTS OF THE OSCILLATORY LONGITUDINAL DERIVATIVES OF A GOTHIC WING OF ASPECT RATIO 0.75	1962
19630030103	SURFACE PRESSURES AND STRUCTURAL STRAINS RESULTING FROM FLUCTUATIONS IN THE TURBULENT BOUNDARY LAYER OF A FAIREY DELTA 2 AIRCRAFT	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030104	A PROPORTIONAL TEMPERATURE CONTROLLER	1962
19630030106	BOUNDARY LAYER CHARACTERISTICS OF CARET WINGS	1962
19630030107	COMPENDIUM OF FREQUENCY DIVISION MULTIPLEX EQUIPMENT	1962
19630030108	MANUFACTURING METHODS FOR CONTINUOUS PROCESSING OF SOLID ROCKET PROPELLANTS INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, 5 JULY - 4 OCT. 1962	1962
19630030110	NUCLEAR ELECTRONIC EFFECTS PROGRAM /NEEP/ TENTH TRIANNUAL TECHNICAL NOTE, 1 MAR. - 30 JUNE 1962	1962
19630030112	REDUCTION OF THE CLAMPED PLATE TO TWO MEMBRANE PROBLEMS WITH AN APPLICATION TO UNIFORMLY LOADED SECTORS	1962
19630030114	TRANSIT-TIME MODULATION OF VARIABLE ARTIFICIAL DELAY LINES	1962
19630030115	APPLICATION OF SEMICONDUCTOR DEVICES TO HIGH POWER DUPLEXERS SECOND QUARTERLY PROGRESS REPORT, 1 MAY-31 JULY 1962	1962
19630030116	HIGH TEMPERATURE THERMOELECTRIC GENERATOR TECHNICAL DOCUMENTARY REPORT <30 SEPT. 1961 - 30 SEPT. 1962<	1962
19630030117	THE FOURTH INTERNATIONAL CONGRESS ON ACOUSTICS	1962
19630030121	QUARTERLY PROGRESS REPORT FOR THE PERIOD JULY 1 TO SEPTEMBER 30, 1962 LORNE D. PROCTOR OCT. 18, 1962	1962
19630030122	PHOTOGRAMMETRIC DATA REDUCTION ANALYSIS MONITORING PHOTOGRAMMETRIC PLATE OBSERVATIONS	1962
19630030124	INVESTIGATION OF AN ENERGY STORAGE CONCEPT FOR PROPELLANTS	1962
19630030126	RESEARCH ON LIGHT METAL CONTAINING HIGH ENERGY FUELS AND COMPLEX HIGH ENERGY OXIDIZERS /U/ QUARTERLY PROGRESS REPORT NO. 5, JULY - SEPT. 1962	1962
19630030141	Proceedings: The Artificial Radiation Belt	1962
19630030142	Ariel: Particle Measurement	1962
19630030143	Ariel: Radiation Damage	1962
19630030144	Telstar: High-Energy Electrons and Radiation Damage	1962
19630030145	TRAAC: Radiation Measurements and Damage	1962
19630030146	Solar Cell Performance in the Artificial Radiation Belt	1962
19630030147	Interpretation of Satellite Detector Counting Rates	1962
19630030148	Recent Satellite Measurements	1962
19630030149	Discoverer: Measurements by Aerospace	1962
19630030150	Recent Satellite Measurements	1962
19630030151	Integral Radiation Dose Measurements in Discoverer Recoverable Capsules	1962
19630030153	Approximate Calculation of Shielding for Fission Betas	1962
19630030154	Possibility of Sweeping the Stored Electrons	1962
19630030155	Measurements at Various Central Pacific Sites	1962
19630030156	Measurements at Palmyra	1962
19630030157	Observations of Synchrotron Radio Noise at the Magnetic Equator Following the High-Altitude Nuclear Explosion of July 9, 1962	1962
19630030158	Synchrotron Radiation from High-Energy Electrons	1962
19630030159	Optical Observations of Star Fish Phenomenology	1962
19630030160	Summary of Conference Held at Christchurch, New Zealand	1962
19630030161	Rocket Measurements	1962
19630030162	Measurements in the Southern Conjugate Region	1962
19630030163	The Space Distribution of Trapped Fission Debris from the High-Altitude Nuclear Test of 9 July 1962	1962
19630030164	Whistler Measurements	1962
19630030165	Five-Kilocycle Noise Experiment and Optical Measurements	1962
19630030166	The Artificial Radiation Belt	1962
19630030167	Particle Time Histories	1962
19630030168	Remarks on Particle Injection	1962
19630030169	Project Mercury	1962
19630030170	Tissue Dose Rate from Bremsstrahlung Radiation Behind an Idealized Apollo Vehicle Wall Exposed to Electrons in the Artificial Radiation Belt	1962
19630030171	Significance of the Bioeffects	1962
19630030172	Shielding Calculations	1962
19630030174	NASA Satellite Program	1962
19630030175	DOD Satellite Program	1962
19630030176	VACUUM PERFORMANCE OF HIGH-ENERGY STORABLE PROPELLANTS	1962
19630030177	STUDY TO DETERMINE AERODYNAMIC CHARACTERISTICS ON HYPERSONIC REENTRY CONFIGURATIONS. PART I. EXPERIMENTAL PHASE. VOLUME 4. HIGH ANGLE-OF-ATTACK FORCE STUDIES ON TWO HYPERSONIC CONFIGURATIONS, MACH NUMBER 8 /U/ <FINAL REPORT, JUNE 1960-SEPT. 1961<	1962
19630030178	PROPERTIES OF NON-STOICHIOMETRIC METALLIC CARBIDES QUARTERLY PROGRESS REPORT NO. 3	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030179	ASTEROID- OR COMET-IMPACT HYPOTHESIS OF TEKTITE ORIGIN I. THE MOLDAVITE STREWN FIELDS AND THE NORDLINGER RIES /RIES KESSEL/ CRATER	1962
19630030180	Theoretical Research - Electronic, Ionic, and Atomic Impact Phenomena	1962
19630030181	BACTERIAL PENETRATION OF THE MILLIPORE MICROTUBE CARTRIDGE FILTER PROTECTION BRANCH REPORT OF TEST NO. 7-63	1962
19630030182	DESIGN STUDY OF ACTUATION AND CONTROL SYSTEMS FOR LARGE BOOSTER STEERING MOTORS	1962
19630030183	INTEGRATED RESEARCH EFFORT ON HIGH-ENERGY HYBRID PROPELLANTS	1962
19630030190	INTERCONNECTION OF FUNCTIONAL ELECTRONIC BLOCKS 1ST INTERIM DOCUMENTARY PROGRESS REPORT, 1 JULY 1962 TO 30 SEPT. 1962	1962
19630030191	THREE-DIMENSIONAL TRAJECTORY OPTIMIZATION STUDY. PART IICOMPUTER PROGRAM AND USER'S MANUAL <FINAL REPORT, MAY 1, 1961 TO FEB. 28, 1962<	1962
19630030194	WEAPON SYSTEM 133B- DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE /U/ PROGRAM PROGRESS <REPORT<, 1 THROUGH 30 SEPT., 1962	1962
19630030195	THE MEASUREMENT OF ELECTRON DENSITIES IN FLOW FIELDS	1962
19630030200	AN ANALYSIS OF THE ACCURACY OF LIQUID-PROPELLANT ROCKET ENGINE PERFORMANCE MEASUREMENTS IN THE SATELLITE ROCKET CELL J-3	1962
19630030201	THREE-DIMENSIONAL TRAJECTORY OPTIMIZATION STUDY. PART I OPTIMUM PROGRAMMING FORMULATION. <FINAL REPORT, 1 MAY 1961 TO 28 FEB. 1962<	1962
19630030202	COMBUSTION CHARACTERISTICS OF SPECIAL HYDROCARBON JET FUELS <FINAL REPORT, DEC. 1960 TO FEB. 1962<	1962
19630030203	INVESTIGATION OF THE DIFFUSION CHARACTERISTICS OF SUPERSONIC STREAMS COMPOSED MAINLY OF BOUNDARY LAYERS. <FINAL REPORT<	1962
19630030204	BASIC CHEMICAL RESEARCH FOR ADVANCED STORABLE LIQUID PROPELLANT SYSTEMS /U/ SEVENTH QUARTERLY REPORT	1962
19630030205	Arnold Engineering Development CenterProject Progress Report Including Tentative Schedule of Operation for the Test Facilities	1962
19630030206	SIMULATED ALTITUDE TESTING OF AN X-258 B-1 SOLID-PROPELLANT ROCKET MOTOR	1962
19630030215	AN INVESTIGATION OF THE SUBSONIC AERODYNAMIC CHARACTERISTICS AND THE LANDING FLARE MANEUVER FOR HYPERSONIC RE-ENTRY CONFIGURATIONS	1962
19630030219	[No Title]	1962
19630030221	[No Title]	1962
19630030229	[No Title]	1962
19630030231	[No Title]	1962
19630030232	[No Title]	1962
19630030233	[No Title]	1962
19630030236	[No Title]	1962
19630030242	HIGH-TEMPERATURE TESTS OF AN EXTERNAL-PLUS-INTERNAL-COMPRESSION INLET AT MACH 6.5 /U/ <FINAL< TECHNICAL DOCUMENTARY REPORT <MAR. 15, 1959 - JUNE 1962<	1962
19630030244	ALTITUDE PERFORMANCE EVALUATION OF AN XLR91-AJ-5 ENGINE USING A NEW CONTOUR THRUST CHAMBER ASSEMBLY	1962
19630030245	DEVELOPMENT TRENDS IN ROCKET PROPULSION SYSTEMS	1962
19630030246	SECOND QUARTERLY PROGRESS REPORT, HIGH-ENERGY STORABLE LIQUID PROPELLANT SYSTEM	1962
19630030248	TRANSITION, MINIMUM CRITICAL, MINIMUM TRANSITION, AND ROUGHNESS REYNOLDS NUMBERS, FOR SEVEN BLUNT BODIES OF REVOLUTION IN FLIGHT BETWEEN MACH NUMBERS OF 1.72 AND 15.1	1962
19630030251	INTEGRATED COMPONENTS PROGRAM /U/ <SECOND< QUARTERLY PROGRESS REPORT <16 MAY - 18 AUG. 1962<	1962
19630030254	[No Title]	1962
19630030257	THE AERODYNAMIC FORCE CHARACTERISTICS OF SIMPLE, UNYAWED WING CONFIGURATIONS AT HIGH MACH NUMBER AND LOW REYNOLDS NUMBER	1962
19630030258	STUDY AND PRELIMINARY DESIGN OF AN ENERGY MANAGEMENT COMPUTER FOR WINGED VEHICLES	1962
19630030260	ADVANCED RESEARCH ON SOLID ROCKET PROPELLANTS	1962
19630030261	REFRACTORY METALS STRUCTURAL DEVELOPMENT PROGRAM. VOL. I SELECTION AND ANALYSIS OF STRUCTURAL COMPONENT <FINAL REPORT<	1962
19630030262	STALL LINE DETERMINATION OF A MODIFIED J85-GE-5 TURBOJET COMPRESSOR TECHNICAL DOCUMENTARY REPORT <FEB. 12-MAR. 29, 1962<	1962
19630030263	STABILITY AND DRAG OF PARACHUTES WITH VARYING EFFECTIVE POROSITY <FINAL REPORT<	1962
19630030264	HIGH STRENGTH, GLASS FIBER WEBBINGS, TAPES AND RIBBONS FOR HIGH TEMPERATURE PRESSURE PACKAGED DECELERATORS <FINAL< TECHNICAL DOCUMENTARY REPORT, <JULY 1960 - APR. 1962<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030265	DEVELOPMENT OF IMPROVED SOLAR ENERGY CONVERTERS FROM GALLIUM ARSENIDE <FINAL< TECHNICAL DOCUMENTARY REPORT <APR. 1959 - MAY 1962<	1962
19630030266	RAMJET ENGINE MONITORING AND CONTROL REQUIREMENT INVESTIGATION <FINAL< REPORT	1962
19630030267	INVESTIGATION OF STABILIZATION AND CONTROL SYSTEMS FOR APPLICATION TO AERO SPACE VEHICLE ESCAPE CAPSULES <FINAL< TECHNICAL DOCUMENTARY REPORT	1962
19630030268	INORGANIC FILMS FOR SOLAR ENERGY ABSORPTION. PART I <FINAL< TECHNICAL DOCUMENTARY REPORT <FEB. 1, 1961-DEC. 31, 1961<	1962
19630030269	GYROSCOPIC LOW POWER ATTITUDE CONTROL FOR SPACE VEHICLES <FINAL< TECHNICAL DOCUMENTARY REPORT <JAN. 30, 1961 - JAN. 15, 1962<	1962
19630030270	STUDY OF PRESSURE PACKING TECHNIQUES FOR PARACHUTES <FINAL< TECHNICAL REPORT <AUG. 1961<	1962
19630030271	ANALYSIS OF A HIGH SPEED ENCAPSULATED SEAT CREW ESCAPE SYSTEM FOR ZERO SPEED AND ZERO ALTITUDE CAPABILITY <FINAL REPORT, FEB. 1961 TO FEB. 1962<	1962
19630030272	EFFECT OF COMPRESSIVE LOADS ON STRUCTURAL FATIGUE AT ELEVATED TEMPERATURE <FINAL< TECHNICAL DOCUMENTARY REPORT <JUNE 15, 1961 - JUNE 14, 1962<	1962
19630030273	ENGINEERING PROPERTIES OF HIGH MODULUS REINFORCED PLASTICS	1962
19630030274	ADVANCED HEAT TRANSFER FLUIDS TECHNICAL DOCUMENTARY REPORT <APR. 15, 1961-MAR. 15, 1962<	1962
19630030275	EXPERIMENTAL STUDY OF THE USE OF NITROUS OXIDE IN A HYPERSONIC WIND TUNNEL	1962
19630030276	INVESTIGATIONS OF A PLASMA WIND TUNNEL <INTERIM TECHNICAL REPORT<	1962
19630030278	STATIC STRESS ANALYSIS AND FATIGUE TESTS OF INTERFERENCE-FIT BUSHES	1962
19630030279	YHU-1B STABILITY AND CONTROL TESTS <FINAL REPORT<	1962
19630030286	REFLECTIONS ON THE ROLE OF AIR TRANSPORT IN THE HARMONIOUS EVOLUTION OF UNDERDEVELOPED COUNTRIES	1962
19630030288	A CONVERGENT PROCEDURE FOR CONVEX PROGRAMMING /PLASMA RESEARCH PROJECT - ARS PROGRAM/	1962
19630030289	MOMENTUM AND DISPLACEMENT THICKNESSES OF LAMINAR BOUNDARY LAYERS ON FLAT PLATES AND CONES	1962
19630030290	SELF-SEALING STRUCTURES FOR THE CONTROL OF METEOROID DAMAGE TO SPACE VEHICLES FIRST QUARTERLY REPORT <1 APR.-30 JUNE 1962<	1962
19630030291	HIGH-TEMPERATURE RESISTANT BERYLLIA FIBER-REINFORCED STRUCTURAL COMPOSITES FIFTH QUARTERLY REPORT, 15 MAR.-15 JUNE 1962	1962
19630030293	THE ANGULAR DISTRIBUTION OF VAPOR FLOWING FROM A KNUDSEN CELL TECHNICAL REPORT NO. 3	1962
19630030294	STATUS AND DEVELOPMENT...MILLIMETER OSCILLATORS	1962
19630030299	EXPLORATORY STUDIES OF MECHANICAL CYCLING FATIGUE BEHAVIOR OF MATERIALS FOR THE SUPERSONIC TRANSPORT FIRST QUARTERLY PROGRESS REPORT <SEPT. 10-OCT. 15, 1962<	1962
19630030300	STRESS ANALYSIS OF A THIN MULTI-LAYER SPHERICAL SHELL WITH TEMPERATURE DEPENDENT PROPERIIES SUBJECTED TO RADIAL TEMPERATURE GRADIENTS AND PRESSURE	1962
19630030301	GENERAL THEORETICAL STUDIES /TERMINAL GUIDANCE PROJECT-ARS PROGRAM/	1962
19630030302	Delta Origram - Mission No. 10 TIROS E Spacecraft	1962
19630030303	FLIGHT REPORT FOR VEHICLE 316/2023/3023. DELTA PROGRAM - MISSION NO. 11. TELSTAR /TSX-1/ SPACECRAFT	1962
19630030304	Delta Program - Mission No. 8 S-16 (OSO-1) Payload	1962
19630030305	IDENTIFICATION OF CONTROL POINTS IN TERRAIN AND IN AERIAL PHOTOGRAPHS	1962
19630030306	RESEARCH ON THE ADAPTIVE BEHAVIOR OF PILOTS IN SIMULATED CONTROL SITUATIONS PROGRESS REPORT NO. 5, 1 JULY-30 SEPT. 1962	1962
19630030309	Research on Vibration in Complicated Structures by Enery Methods	1962
19630030310	MEASUREMENTS OF FORWARD SCATTER FROM RAIN AT 9.05 GC RESEARCH MEMORANDUM 4	1962
19630030311	INVESTIGATION OF INTEGRATED CARBON DIOXIDE HYDROGENATION SYSTEMS INTERIM REPORT <SEPT. 1, 1961 TO MARCH 1, 1962<	1962
19630030312	THEORETICAL PREDICTION OF PRESSURES IN HYPERSONIC FLOW WITH SPECIAL REFERENCE TO CONFIGURATIONS HAVING ATTACHED LEADINGEDGE SHOCK. PART III. EXPERIMENTAL MEASUREMENTS OF FORCES AT MACH 8 AND PRESSURES AT MACH 21	1962
19630030314	THE EFFECTS OF THE POTASSIUM AND MAGNESIUM SALTS OF DL-ASPARTIC ACID ON HUMAN FATIGUE AND RECOVERY	1962
19630030315	COMMUNICATIONS SATELLITE SYSTEMS- FUNCTIONAL, INTERNATIONAL, AND POLICY RELATIONSHIPS	1962
19630030316	Demand for International Telecommunications	1962
19630030318	STATUS OF REFRACTORY METALS SHEET ROLLING PANEL	1962
19630030319	SIMULATED ALTITUDE TESTS OF THREE ATLANTIC RESEARCH CORPORATION SOLID-PROPELLANT FLIP-ROCKET MOTORS	1962
19630030320	A METHOD FOR SCALING IN INFRAHUMAN SPECIES- TIME PERCEPTION IN MONKEYS	1962

Accession Number (DocID)	Title	Publication Year
19630030321	PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS EIGHTH <SEMI-ANNUAL< TECHNICAL SUMMARY REPORT	1962
19630030322	DEVELOPMENT OF GREASE LUBRICANTS FOR HIGH TEMPERATURE BALL AND ROLLER BEARINGS OF ELECTRICAL EQUIPMENT QUARTERLY PROGRESS REPORT NO. 7, JUNE 1 TO SEPT. 1, 1962	1962
19630030323	MODELS FOR SIMULATION OF COMMUNICATIONS SATELLITE SYSTEMS <FINAL REPORT<	1962
19630030324	PRECIPITATION SCATTER AS AN INTERFERENCE SOURCE IN COMMUNICATION SATELLITE SYSTEMS	1962
19630030325	A FEASIBILITY STUDY AND PRELIMINARY DESIGN OF INSTRUMENTATION SUITABLE FOR MEASURING THE GAS FLOW PARAMETERS OF AN ARC-HEATED HYPERSONIC GAS DYNAMIC FACILITY <FINAL< TECHNICAL DOCUMENTARY REPORT <JAN. 1960-JUNE 1961<	1962
19630030326	QUARTERLY PROGRESS REPORT NO. 2 OF THE RADIO SYSTEMS DIVISION, OCTOBER - DECEMBER 1961	1962
19630030327	QUARTERLY PROGRESS REPORT NO. 5 OF THE RADIO SYSTEMS DIVISION, JULY-SEPTEMBER 1962	1962
19630030329	SPACE MATERIALS HANDBOOK	1962
19630030331	TWO PHOTON EXCITATION IN PHENANTHRENE- ANTHRACENE	1962
19630030333	THE RIOMETER- A RELATIVE IONOSPHERIC OPACITY METER	1962
19630030334	<THIRD< SEMI ANNUAL REPORT TO VOICE OF AMERICA /JULY 1962 - DECEMBER 1962/	1962
19630030336	MINUTES OF THE THIRD ANNUAL REVIEW OF ROCKET PROPELLANT SUPPORTING RESEARCH, HELD AT REDSTONE ARSENAL, 15 MAY 1962	1962
19630030337	FORCE TESTS ON THE GENERAL ELECTRIC RVX CONFIGURATION AT MACH NUMBER 10	1962
19630030345	PYROLYTIC DEPOSITION OF BERYLLIA	1962
19630030346	SYNTHESIS OF INORGANIC OXIDIZERS	1962
19630030347	EFFECTS OF VISUAL EXPERIENCE ON VESTIBULAR NYSTAGMUS HABITUATION IN THE CAT	1962
19630030348	ALTITUDE PERFORMANCE EVALUATION OF FIVE XM-57 THIRD-STAGE MINUTEMAN EXHAUST NOZZLE APPROACH CONFIGURATIONS	1962
19630030349	UNSTEADY AIRLOAD DISTRIBUTIONS ON UNSWEPT SURFACES AND CORRELATION WITH QUASI-STEADY FLUTTER THEORY	1962
19630030350	EXPERIMENTAL AERODYNAMIC INFLUENCE COEFFICIENTS FOR A 6 PERCENT - THICK 73 DEG DELTA WING. PART I - SUPERSONIC FLOW	1962
19630030351	DEVELOPMENT OF A STANDARD PDM CALIBRATOR FINAL REPORT	1962
19630030352	THERMOELASTIC EFFECTS ON HYPERSONIC STABILITY AND CONTROL. PART II - VOLUME I. ELASTIC RESPONSE DETERMINATIONS FOR SEVERELY HEATED WINGS <FINAL REPORT<	1962
19630030353	TELEMETRY TRANSDUCER HANDBOOK, VOLUME II, SUPPLEMENT 3 <FINAL REPORT<	1962
19630030354	ALTITUDE TEST OF A HERCULES WING 1 QUALIFICATION XM-57 THIRD-STAGE MINUTEMAN MOTOR /MOTOR SERIAL NUMBER B1-4-19/	1962
19630030355	CENTRIFUGE TEST OF PERSHING SECOND STAGE XB-2 MOTOR, S/N 324XB2	1962
19630030356	QUARTERLY PROGRESS REPORT ON PHYSICAL CHEMISTRY, JUNE 1- AUGUST 31, 1962	1962
19630030358	THE EFFECTS OF DEGENERACY ON THE INELASTIC SCATTERING OF ELECTRONS AND PROTONS BY HYDROGEN ATOMS <INTERIM TECHNICAL REPORT<	1962
19630030359	INVESTIGATION OF THE GENERATION AND PROJECTION OF HIGH-ENERGY SPHERICAL PLASMOIDS /U/ QUARTERLY REPORT NO. 3 /1 OCTOBER TO 31 DECEMBER 1961/	1962
19630030360	INVESTIGATION OF THE GENERATION AND PROJECTION OF HIGH-ENERGY SPHERICAL PLASMOIDS QUARTERLY REPORT NO. 2, 1 JULY TO 30 SEPT. 1961	1962
19630030361	SOLID PROPELLANT ROCKET MOTORS DESIGNED TO EXHAUST AT 90 DEGREES TO THE CENTERLINE OF THE MOTOR /U/ QUARTERLY REPORT NO. 2, 16 APR. THROUGH 15 JULY 1962	1962
19630030363	[Summary Design Review Meeting]	1962
19630030364	Delta Monthly Technical Progress Report	1962
19630030365	Delta Monthly Technical Progress Report	1962
19630030367	Liquid Hydrogen Behavior with Heat Addition During Weightlessness	1962
19630030368	Delta Range Safety Trajectory and Aerodynamic Data for the Tiros E Payload Mission Model No. DM-19	1962
19630030369	Delta Range Safety Trajectory and Aerodynamic Data for the Tiros E Payload Mission Model No. DM-19, Volume II	1962
19630030370	Delta Range Safety Trajectory and Aerodynamic Data for the TSX-1 Payload Mission Model No. DM-19	1962
19630030371	Delta Range Safety Trajectory and Aerodynamic Data for the TSX-1 Payload Mission Model No. DM-19	1962
19630030372	Delta Range Safety Trajectory and Aerodynamic Data for the S-51 Payload Mission Model No. DM-19	1962
19630030373	Delta Range Safety Trajectory and Aerodynamic Data for the S-51 Payload Mission Model No. DM-19	1962
19630030374	Self-Sealing Structures for Control of the Meteoroid Hazard to Space Vehicle Second Quarterly Report Jul. 1 - Sep. 30, 1962	1962
19630030375	DELTA DM-19, PROBABILITY OF STAGE II COMMAND SHUTDOWN	1962
19630030376	A MEMORANDUM ON R. F. ATTENUATION MEASUREMENTS IN A SHOCK TUBE	1962
19630030377	DESIGN OF AN INSTRUMENT FOR STUDY OF IONS WITH NANOSECOND LIFETIMES <FINAL TECHNICAL REPORT<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030378	TABLES OF COLLISION INTEGRALS FOR GASES OBEYING THE MORSE POTENTIAL <INTERIM TECHNICAL REPORT, SEPT. 16, 1961-JUNE 1962<	1962
19630030379	SENSITIVITY TESTS OF HIGH ENERGY CASTING SOLVENTS	1962
19630030380	INVESTIGATION OF NEW TECHNIQUES FOR MEASURING THE BURNING RATE OF A SOLID ROCKET PROPELLANT	1962
19630030381	FOURTH QUARTER REPORT ON INVESTIGATION OF VELOCITY UPON BURNING RATE OF SOLID PROPELLANTS	1962
19630030383	TESTS TO DETERMINE SUBSONIC AERODYNAMIC CHARACTERISTICS OF HYPERSONIC RE-ENTRY CONFIGURATIONS /U/ <FINAL< TECHNICAL REPORT <APR.-JUNE 1961<	1962
19630030384	QUARTERLY PROGRESS REPORT ON PROCESS RESEARCH, AUGUST 1- OCTOBER 31, 1962	1962
19630030385	QUARTERLY PROGRESS REPORT ON INORGANIC CHEMISTRY JULY 1, 1962- SEPTEMBER 30, 1962	1962
19630030386	HIGH TEMPERATURE INORGANIC LUBRICANT STUDY <FINAL< TECHNICAL DOCUMENTARY REPORT <NOV. 16, 1959-JAN. 31, 1962<	1962
19630030387	AN EXPLOSIVE VAPOR DETECTOR FOR ROCKET POWERED AIRCRAFT <FINAL< TECHNICAL DOCUMENTARY REPORT <JUNE 15, 1960-DECEMBER 1, 1961<	1962
19630030388	SUPERSONIC FLOW ABOUT GENERAL THREE-DIMENSIONAL BLUNT BODIES. VOL. II. HEAT TRANSFER DUE TO THE INTERACTION BETWEEN A SWEEP PLANAR SHOCK WAVE AND A LAMINAR BOUNDARY LAYER <FINAL< TECHNICAL REPORT <NOV. 1960-OCT. 1961<	1962
19630030389	SUPERSONIC TURBULENT BOUNDARY LAYER GROWTH OVER COOLED WALLS IN ADVERSE PRESSURE GRADIENTS <FINAL< TECHNICAL DOCUMENTARY REPORT	1962
19630030390	[No Title]	1962
19630030391	[No Title]	1962
19630030392	[No Title]	1962
19630030393	THE EFFECTS OF SPACE AGING ON SOLID COMPOSITE PROPELLANTS	1962
19630030394	[No Title]	1962
19630030395	[No Title]	1962
19630030396	[No Title]	1962
19630030397	[No Title]	1962
19630030398	[No Title]	1962
19630030399	[No Title]	1962
19630030400	[No Title]	1962
19630030401	[No Title]	1962
19630030402	[No Title]	1962
19630030403	[No Title]	1962
19630030404	[No Title]	1962
19630030405	[No Title]	1962
19630030406	[No Title]	1962
19630030407	[No Title]	1962
19630030408	[No Title]	1962
19630030409	[No Title]	1962
19630030410	[No Title]	1962
19630030411	[No Title]	1962
19630030412	[No Title]	1962
19630030413	[No Title]	1962
19630030414	[No Title]	1962
19630030415	[No Title]	1962
19630030416	[No Title]	1962
19630030417	[No Title]	1962
19630030418	[No Title]	1962
19630030419	[No Title]	1962
19630030420	[No Title]	1962
19630030422	EFFECTIVE SPACE TEMPERATURE AS A FUNCTION OF ORBIT HEIGHT - AN ESTIMATE TECHNICAL MEMO	1962
19630030424	A Study of Controllable Thrust Liquid Propellant Rocket Engines Suitable for Spacecraft	1962
19630030425	STATUS OF DEVELOPMENT PROJECTS	1962
19630030426	PREPARATION AND PROPERTIES OF SOME LIGHTWEIGHT METAL HYDRIDES /U/ FINAL REPORT, COVERING THE PERIOD 1 MAY 1961-15 JUNE 1962	1962
19630030427	SPUTTERING EFFECTS ON THE MOON'S SURFACE SECOND QUARTERLY STATUS REPORT, 18 JULY-18 OCTOBER 1962	1962
19630030428	SHIP SLAMMING AND SUPERSONIC AIRFOIL FLOW	1962
19630030429	LOW INPUT CONVERTER STUDY FINAL PROGRESS REPORT	1962
19630030430	THERMAL STRESSES AND DEFLECTIONS IN RECTANGULAR PANELS. PART II THE ANALYSIS OF RECTANGULAR PANELS WITH THREE-DIMENSIONAL HEAT INPUTS <FINAL< REPORT	1962
19630030431	PROJECT TELSTAR PRELIMINARY REPORT, TELSTAR I, JULY - SEPTEMBER 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030432	DESCRIPTION OF A RANGE SAFETY COMPUTER PROGRAM	1962
19630030433	SOME NOTES CONCERNING LUNAR STATIONS, LUNAR ORBITAL, AND EARTH COMMUNICATIONS	1962
19630030434	NASA SYSTEM DESIGN AND RESEARCH MONTHLY PROGRESS REPORT, 1 MAY-31 MAY 1962	1962
19630030435	NASA SYSTEM DESIGN AND RESEARCH BIMONTHLY PROGRESS REPORT, 1 AUGUST-30 SEPTEMBER 1962	1962
19630030436	INTERIM REPORT ON GROUND OPERATIONAL SUPPORT SYSTEM STUDIES	1962
19630030437	INTERIM REPORT ON DEVELOPMENT OF AN INTEGRAL ON-BOARD RF COMMUNICATIONS SYSTEM FOR THE APOLLO SPACECRAFT	1962
19630030438	POSSIBILITIES OF LIQUID HELIUM COOLED PARAMETRIC AMPLIFIERS	1962
19630030439	SITE DATA PROCESSOR - DOWN TELEMETRY BUFFER	1962
19630030441	FINAL STATUS REPORT TO THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION <SPACE MAGNOMETER DEVELOPMENT<	1962
19630030442	FLIGHT REPORT FOR VEHICLE 320/2019/3019. DELTA PROGRAM MISSION NO. 9 S-51 SPACECRAFT	1962
19630030447	ADVANCEMENT OF HIGH TEMPERATURE PROTECTIVE COATINGS FOR COLUMBIUM ALLOYS <FINAL< TECHNICAL DOCUMENTARY REPORT <OCT. 15, 1961-OCT. 15, 1962<	1962
19630030455	RECOMMENDED RESEARCH PROGRAMS FOR FORGING AND EXTRUSION FIFTH PROGRESS REPORT BY THE PANEL ON FORGING AND EXTRUSION OF THE COMMITTEE ON THE DEVELOPMENT OF MANUFACTURING PROCESSES FOR AEROSPACE MATERIALS NOV. 20, 1962	1962
19630030456	A STUDY ON REDUCING OR ELIMINATING AIR CONDITIONING OF THE PERSHING GUIDANCE AND CONTROL COMPARTMENT	1962
19630030457	SUPERSONIC FLOW ABOUT GENERAL THREE-DIMENSIONAL BLUNT BODIES. VOLUME I. INVISCID SUPERSONIC FLOW ABOUT GENERAL THREEDIMENSIONAL BLUNT BODIES <FINAL< REPORT	1962
19630030458	SUPERSONIC FLOW ABOUT GENERAL THREE-DIMENSIONAL BLUNT BODIES. VOLUME III. FLOW FIELD ANALYSIS OF REENTRY CONFIGURATIONS BY A GENERAL THREE-DIMENSIONAL METHOD OF CHARACTERISTICS <FINAL< REPORT	1962
19630030459	FUNDAMENTAL INVESTIGATIONS ON THE FRICTION AND WEAR OF SLIDING SOLIDS. PART I. INITIAL STUDIES OF SLIDING FRICTION OF CU-CU SYSTEM <FINAL< TECHNICAL DOCUMENTARY REPORT <MAY 1, 1961- APR. 30, 1962<	1962
19630030460	DEVELOPMENT AND EVALUATION OF A HIGH TEMPERATURE PHOTOELASTIC COATING <FINAL< TECHNICAL DOCUMENTARY REPORT <MAR. 1961 - MAR. 1962<	1962
19630030461	CALIBRATION TESTS OF A LITTON CONICAL AIR DATA PROBE AT MACH NUMBERS OF 2 TO 8	1962
19630030462	NONRIGID AND SEMIRIGID STRUCTURES FOR EXPANDABLE SPACECRAFT <FINAL REPORT, 19 DEC. 1960 - 16 JUNE 1962<	1962
19630030463	FEASIBILITY STUDY OF A NON-DESTRUCTIVE TESTING INFRARED INSPECTION SYSTEM FOR BONDING FLAW DETECTION PHASE II INTERIM REPORT <JAN. 1-AUG. 31, 1962<	1962
19630030464	FABRICATION OF LARGE DIAMETER TITANIUM PRESSURE VESSELS BY THE SPIRAL WRAP METHOD REPORT NO. 8, COVERING THE PERIOD 1 JULY 1962 THROUGH 30 SEPTEMBER 1962	1962
19630030465	OXIDATION OF SEVERAL COMMERCIAL-GRADE GRAPHITES AT ELEVATED TEMPERATURES	1962
19630030466	MANDRELS FOR FILAMENT WINDING INTERIM TECHNICAL REPORT, 9 AUGUST TO 15 DECEMBER 1962	1962
19630030467	SHEET BERYLLIUM COMPOSITE STRUCTURES INTERIM TECHNICAL ENGINEERING REPORT, 1 OCT. 1961-31 DEC. 1961	1962
19630030468	SHEET BERYLLIUM-COMPOSITE STRUCTURES INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, 1 APR-30 JUNE 1962	1962
19630030469	AIRCRAFT REFLECTIONS AT VHF AND UHF	1962
19630030470	ANALYSIS OF HOMING PHASE RENDEZVOUS MANEUVERS	1962
19630030471	LONG-RANGE ACOUSTIC PROPAGATION STUDY DATA REPORT	1962
19630030472	LONG-RANGE ACOUSTIC PROPAGATION STUDY DATA REPORT	1962
19630030473	HYGROSCOPICITY STUDY OF PLASTISOL PROPELLANT INGREDIENTS	1962
19630030474	ALTITUDE TEST OF A HERCULES X-259-A1 THIRD-STAGE SCOUT MOTOR /MOTOR SERIAL NUMBER HPC-101-A/	1962
19630030476	RESEARCH AND DEVELOPMENT OF AN ADVANCED POLARIS PROPELLANT	1962
19630030477	PHOTOGRAPHIC OBSERVATIONS OF PLANET VENUS	1962
19630030491	DEVELOPMENT, CALCULATION, AND PLANNING OF HELICAL NEUTRON CHOPPER	1962
19630030494	FORMATION OF FRAUNHOFER LINES IN THE PRESENCE OF A MAGNETIC FIELD	1962
19630030537	CONCERNING THE CONNECTION BETWEEN RED SHIFT AND APPARENT LUMINOSITY	1962
19630030553	ANALYTICAL METHODS FOR SPACE VEHICLE ATMOSPHERIC CONTROL PROCESSES TECHNICAL REPORT <APR. 1, 1961-MAR. 31, 1962<	1962
19630030554	STUDY OF ELECTRICALLY PRODUCED STRAIN FOR CONTROL PURPOSES <FINAL REPORT<	1962
19630030555	AZUSA DATA REDUCTION MANUAL	1962
19630030556	A BIBLIOGRAPHY ON AIRCRAFT NOISE SUPPLEMENT NO. 7 JULY 1962	1962
19630030558	RADIOASTRONOMY	1962
19630030560	SUMMARY REPORT ON EVALUATION OF RAZDOW MICRODYNAMIC RATE MONITORING SYSTEM	1962
19630030566	AERONUTRONIC ELECTRONIC IMAGING STAR TRACKER TECHNICAL DISCLOSURE, REVISION 1	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030568	ALTITUDE TESTING OF TWO NAVAL PROPELLANT PLANT X-248 A-6 ROCKET MOTORS	1962
19630030569	Force Tests of Four Saturn C-1, SA-5 Configurations at Macn Numbers 0.50 to 1.40	1962
19630030570	RESEARCH AND DEVELOPMENT ON ENCAPSULATED INGREDIENTS FOR SOLID PROPELLANTS	1962
19630030571	DEVELOPMENT OF HIGH ENERGY SOLID PROPELLANT FORMULATIONS	1962
19630030573	RESEARCH ON SYNTHESIS AND FORMULATION OF INORGANIC NONPOLYMERIC ADHESIVES QUARTERLY PROGRESS REPORT NO. 2, JANUARY 1, 1962 TO MARCH 31, 1962	1962
19630030576	THE INFLUENCE OF ELECTRIC AND MAGNETIC FIELDS ON HEAT TRANSFER TO ELECTRICALLY CONDUCTING FLUIDS	1962
19630030586	MAGNETIC MATERIALS MEASUREMENT AND EVALUATION LABORATORY PROGRESS REPORT NO. V	1962
19630030587	MONTHLY LETTER REPORT FOR THE MONTH OF APRIL 1962 <INSULATION MATERIALS STUDY<	1962
19630030588	LIQUID PROPELLANT LOSSES DURING SPACE FLIGHT FIFTH QUARTERLY PROGRESS REPORT FOR THE PERIOD DECEMBER 1, 1961 TO FEBRUARY 28, 1962	1962
19630030589	ON THE IMPACT OF PELLETS WITH THIN PLATES. THEORETICAL CONSIDERATIONS - PART I TECHNICAL REPORT	1962
19630030590	RADIATIVE HEAT TRANSFER THROUGH SEAMS AND PENETRATIONS IN PANELS MULTILAYER METAL- FOIL INSULATION TECHNICAL REPORT	1962
19630030591	Techniques for Computing the Thermal Radiation Incident on Vehicles in Space Technical Report	1962
19630030592	THE THERMAL AND IONIZING RADIATION ASPECTS OF THE STORAGE OF SELF-HEATING LIQUID PROPELLANTS IN SPACE TECHNICAL REPORT	1962
19630030593	ESTIMATION OF WEIGHT PENALTIES ASSOCIATED WITH ALTERNATE METHODS FOR STORING CRYOGENIC PROPELLANTS IN SPACE TECHNICAL REPORT	1962
19630030594	CONCEPTUAL DESIGN STUDY OF SPACE-BORNE LIQUID HYDROGEN RECONDENSERS FOR 10 AND 100 WATTS CAPACITY TECHNICAL REPORT	1962
19630030596	EVALUATION OF MULTI-FREQUENCY RF POWER GENERATOR	1962
19630030597	LIFT, PITCHING-MOMENT, AND ROLLING-MOMENT COEFFICIENTS ON PLANAR, TWISTED, AND CAMBERED WINGS AND FLAPS FOR A 70 DEG DELTA WING. PART TWO-TRANSONIC FLOW <FINAL REPORT, JUNE 1960 TO JULY 1962<	1962
19630030598	RESEARCH ON METHOD FOR MEASURING TEMPERATURES BETWEEN 8000 DEG AND 30,000 DEG KELVIN <FINAL REPORT, JUNE 1961 TO JUNE 1962<	1962
19630030599	A SURVEY OF TECHNIQUES FOR IMPROVING THE UTILIZATION OF THE RADIO-FREQUENCY SPECTRUM	1962
19630030600	FABRICATION OF GALLIUM ARSENIDE SUBNANOSECOND SWITCHING DIODE	1962
19630030601	THE SINE-WAVE FREQUENCY RESPONSE OF THE ATMOSPHERE COMPUTED FROM SPREAD FUNCTIONS	1962
19630030604	ADVANCED RE-ENTRY PROGRAM AND DOWNRANGE MEASUREMENTS PROGRAM /U/ SEMI-ANNUAL REPORT SUMMARY, 1 JULY 1962 TO 30 NOVEMBER 1962	1962
19630030606	ADVANCED RE-ENTRY PROGRAMS /U/ SEMI-ANNUAL REPORT, VOLUME II, 1 JULY 1962 TO 30 NOVEMBER 1962	1962
19630030607	DOWNRANGE MEASUREMENTS PROGRAM - TRAP	1962
19630030608	TECHNICAL CONSIDERATIONS IN THE SELECTION OF FREQUENCIES FOR COMMUNICATION WITH, VIA AND BETWEEN SPACE VEHICLES	1962
19630030609	A MATRIX METHOD FOR THE ANALYSIS OF THE BUCKLING OF STRUCTURAL PANELS SUBJECTED TO CREEP ENVIRONMENTS <FINAL< TECHNICAL DOCUMENTARY REPORT <JULY 1961-JUNE 1962<	1962
19630030613	INVESTIGATION OF LUBRICANTS FOR SATELLITE AND SPACE VEHICLE INSTRUMENTATION QUARTERLY REPORT NO. 2 <JULY 1-SEPT. 30, 1962<	1962
19630030614	DEVELOPMENT OF CATALYSTS FOR MONOPROPELLANT DECOMPOSITION OF HYDRAZINE. PART I - EXPERIMENTAL STUDIES /U/ FINAL REPORT, JANUARY-SEPTEMBER 1962	1962
19630030615	DEVELOPMENT OF CATALYSTS FOR MONOPROPELLANT DECOMPOSITION OF HYDRAZINE. PART II - ENGINEERING CALCULATIONS /U/ FINAL REPORT, JANUARY-SEPTEMBER 1962	1962
19630030616	UNIQUE INJECTOR CONCEPTS DEVELOPMENT /UNICODE/	1962
19630030618	POLARIS PROGRESS REPORT FOR NOVEMBER 1962 - AERODYNAMICS DEPARTMENT	1962
19630030619	FEASIBILITY PROGRAM FOR THE 30-INCH DIAMETER M-MOTOR	1962
19630030621	MINUTEMAN PROGRAM. EXHIBIT "A". ROCKET MOTOR XM-57, WEAPON SYSTEM 133-A, MINUTEMAN STAGE III /U/ <FINAL REPORT, 1 AUGUST 1958 THRU 31 MARCH 1961<	1962
19630030622	FAILURE-WARNING SYSTEM FOR LARGE SOLID ROCKETS	1962
19630030623	DESIGN AND DEVELOPMENT OF SOLID-ROCKET COMBUSTIBLE MANDRELS	1962
19630030624	STUDY OF SOLID PROPELLANT SYSTEMS FOR SPACE PROPULSION /U/ INTERIM REPORT, 16 MARCH 1962 THROUGH 13 JULY 1962	1962
19630030625	STUDY OF SOLID PROPELLANT SYSTEMS FOR SPACE PROPULSION /U/ MONTHLY PROGRESS REPORT NO. 5, JULY 13, 1962-AUGUST 17, 1962	1962
19630030626	QUARTERLY PROGRESS REPORT ON AIR FORCE HIGH ENERGY SOLID PROPELLANT PROGRAM	1962
19630030628	DEVELOPMENT OF HIGH-ENERGY SOLID PROPELLANT FORMULATIONS	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030629	QUARTERLY REVIEW OF APL ACTIVITIES. A REPORT OF THE BUMBLEBEE PROGRAM AND OTHER ACTIVITIES OF THE APPLIED PHYSICS LABORATORY AND ASSOCIATED ORGANIZATIONS, JULY - SEPTEMBER 1962. II. SPACE EXPLORATION AND RESEARCH DEVELOPMENT	1962
19630030631	CONSOLIDATED QUARTERLY PROGRESS REPORT NO. 7 NOV. 15, 1962	1962
19630030632	DESIGN, DEVELOPMENT, AND FLIGHT RESEARCH OF AN EXPERIMENTAL ADAPTIVE CONTROL TECHNIQUE FOR ADVANCED BOOSTER SYSTEMS <INTERIM REPORT, JUNE 1961 TO DEC. 1961<	1962
19630030633	COORDINATED FIELD APPLICATION OF EXTRATYMPANIC MANOMETRY- SOME INDICES OF MIDDLE EAR MUSCLE REFLEX ACTIVITY	1962
19630030639	INVESTIGATION OF SUN'S X RAY RADIATION DURING THE TOTAL SOLAR ECLIPSE OF 15 FEBRUARY 1961 /ISSLEDOVANIYE RENTGENOVSKOGO IZLUCHENIYA SOLNTSA VO VREMYA POLNOGO SOLNECHNOGO ZATMENIYA 15 FEVRALYA 1961<	1962
19630030640	THERMAL RADIO EMISSION OF THE MOON IN THE CENTIMETER BAND AND SOME CHARACTERISTICS OF ITS SUPERFICIAL LAYER	1962
19630030641	NATURE AND PHYSICAL STATE OF THE UPPER STRATUM OF THE MOON	1962
19630030642	A CLOUD SEEDING EXPERIMENT IN HURRICANE ESTHER, 1961 FINAL REPORT	1962
19630030643	TITANIUM COLD ROLLED STRIP AND SHEET DEVELOPMENT FINAL TECHNICAL DOCUMENTARY REPORT <JAN. 1959 TO OCT. 1961<	1962
19630030646	RANGER. LOCKHEED/GENERAL DYNAMICS/JPL. J-FACT. VOLUME I. AGENA-B 6004/ATLAS 133D/RANGER RA-4	1962
19630030647	EVALUATION OF SYNCHRONIZING CAPABILITY OF TELEMETRY DECOMMUTATORS	1962
19630030649	ASSEMBLY AND OPERATIONS PLAN. RANGER RA345	1962
19630030654	DEVELOPMENT OF MAGNET WIRES CAPABLE OF OPERATION AT 850 DEG C AND UNDER NUCLEAR RADIATION INTERIM SCIENTIFIC REPORT NO. 5, 1 NOVEMBER 1961 TO 28 FEBRUARY 1962	1962
19630030657	FEIGL ANNIVERSARY SYMPOSIUM 1962	1962
19630030661	INVESTIGATION OF RATIONAL SCALING PROCEDURE FOR LIQUID FUEL ROCKET ENGINES <FINAL REPORT<	1962
19630030662	STUDY OF PROCESSING HISTORY ON FRACTURE OF MATERIALS AT HIGH STRENGTH LEVELS. PROGRESS REPORT NO. 2, AUG. 1, 1962 TO OCT. 31, 1962	1962
19630030663	QUARTERLY PROGRESS REPORT - JULY 9, 1962 TO OCT. 9, 1962	1962
19630030666	DESIGN RELIABILITY METHODS MANUAL	1962
19630030667	STUDY OF LARGE LAUNCH VEHICLES UTILIZING SOLID PROPELLANTS, VOLUME I FINAL REPORT	1962
19630030669	STUDY OF LARGE LAUNCH VEHICLES UTILIZING SOLID PROPELLANTS, VOLUME V APPENDIX 2 TO VOLUME II FINAL REPORT	1962
19630030670	DEVELOPMENT OF HIGH TEMPERATURE DEPOSITION RIG FOR ADVANCED ENGINE LUBRICANTS QUARTERLY PROGRESS REPORT NO. 8 <JUNE 1- AUGUST 31, 1962<	1962
19630030672	PREPARATION OF THE DEFENSE COMMUNICATIONS SYSTEM DIRECTORY INFORMATION	1962
19630030673	FATIGUE PROPERTIES OF SOME ALUMINUM AND STAINLESS STEEL SANDWICH CONSTRUCTIONS	1962
19630030674	CRASH INJURY EVALUATION- MILITARY TROOP SEAT DESIGN CRITERIA	1962
19630030675	MECHANISMS OF INJURY IN MODERN LIGHTPLANE CRASHES- A STATISTICAL SUMMARY OF CAUSATIVE FACTORS	1962
19630030676	INORGANIC DIELECTRICS RESEARCH PROGRESS REPORT NO. IV, AUG. 1, 1962 TO NOV. 1, 1962	1962
19630030678	RESEARCH TO EVALUATE LIQUID BI-PROPELLANT FUELS	1962
19630030679	SPECIAL REPORT- THE VISCOELASTIC BEHAVIOR OF COMPOSITE SOLID PROPELLANTS	1962
19630030680	CORPORAL PROPULSION RELIABILITY TEST	1962
19630030681	STUDY OF LACROSSE TERMINAL T RESPONSE SUBJECTED TO NOISE AND GEOMETRIC CONDITIONS	1962
19630030684	SYNTHESIS, CHARACTERIZATION AND EVALUATION OF METAL HYDRIDE /U/ QUARTERLY PROGRESS REPORT NO. 1, APRIL-OCTOBER 1962	1962
19630030689	MATERIAL EVALUATION FOR A MACH III TRANSPORT PLANE QUARTERLY PROGRESS REPORT NO. 2A /PERIOD FROM JULY 1, 1962 TO OCTOBER 15, 1962/	1962
19630030691	INVARIANT IMBEDDING AND DIFFUSE REFLECTION OF RADIATION DUE TO A DISTRIBUTED POINT SOURCE - I AND II	1962
19630030692	ON THE FOUNDATIONS OF DYNAMICAL ANALYSES OF BOOST VEHICLES, I. THE HOMOGENEOUS PROBLEM	1962
19630030693	PHYSIOLOGICAL RESPONSES TO ARTIFICIAL ALTERATIONS IN WEIGHT ANNUAL PROGRESS REPORT NO. 6, 1 MAY 1961-30 APRIL 1962	1962
19630030695	APPLICATION OF A RADIO-TRACER METHOD TO THE DECOMPOSITION MECHANISM OF POLYURETHANE PROPELLANT SYSTEMS	1962
19630030696	[No Title]	1962
19630030697	VERSACOMM MANUAL TECHNICAL MEMORANDUM	1962
19630030700	MICROWAVE SPECTRAL LINES AS PROBES OF PLANETARY ATMOSPHERES	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030701	A STUDY OF THE INFLUENCE OF LUBRICANTS ON HIGH-SPEED ROLLINGCONTACT PERFORMANCE TECHNICAL REPORT <MAR. 1-NOV. 30, 1961<	1962
19630030705	METHOD OF PRODUCING IMPROVED BEARING COMPONENTS BY ELIMINATION OR CONTROL OF FIBER ORIENTATION, INCLUDING MAGNETIC ANALYSIS QUARTERLY REPORT NO. 13, JUNE 16-SEPT. 16, 1962	1962
19630030708	PROGRESS REPORT ON THE ORGANIZATION RESEARCH PROGRAM	1962
19630030710	THEORETICAL AND EXPERIMENTAL STUDY OF THERMAL CONTACT RESISTANCE IN A VACUUM ENVIRONMENT SEMI-ANNUAL STATUS REPORT NO. 1, APR. 1962 TO OCT. 1962	1962
19630030715	Research on Sputtering Phenomena, Surface Stability and Voltage Breakdown for Alkali-Coated Refractory Electrodes Quarterly Report No. 2, 1 August 1962 to 31 October 1962	1962
19630030716	RESEARCH ON NON-MAGNETIC POWER SUPPLIES <FIRST< SEMIANNUAL STATUS REPORT <APR. 1-SEPT. 30 1962<	1962
19630030719	PENETRATION OF AN INITIALLY RADIAL SHOCK WAVE THROUGH AN ALUMINUM-GLASS INTERFACE	1962
19630030721	APPENDIX I. PRELIMINARY RESULTS FROM A RANGE-ENERGY LOSS SOLID STATE TELESCOPE ON DISCOVERER XXXVI SATELLITE	1962
19630030722	COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME I, NUMBERS 1-6	1962
19630030723	ORGANIZATION AND PROGRAMS OF THE LABORATORY	1962
19630030724	A PHOTOGRAPHIC MAP OF THE MOON	1962
19630030725	SOME SYSTEMATIC VISUAL LUNAR OBSERVATIONS	1962
19630030726	RECTIFIED DRAWINGS OF THE LUNAR LIMB AREAS	1962
19630030727	A SEARCH FOR EMISSION IN THE NIGHT SKY OF VENUS	1962
19630030728	LUNAR GLOBE PHOTOGRAPHY	1962
19630030735	TESTS TO DETERMINE SUBSONIC PRESSURES, FORCES, AND MOMENTS ACTING ON A HYPERSONIC RE-ENTRY CONFIGURATION /U/ <FINAL< TECHNICAL DOCUMENTARY REPORT <JUNE-AUG. 1961<	1962
19630030744	INFRARED COUNTERMEASURES RESEARCH, VOLUME I. INTRODUCTION OF ADDITIVES INTO THE MIXING REGION TO SUPPRESS AFTERBURNING	1962
19630030745	SOME CONSIDERATIONS OF THE EFFECTS OF AGREEMENTS TO LIMIT ROCKET LAUNCHINGS	1962
19630030749	ON THE NEWTONIAN THEORY OF HYPERSONIC FLOW AT LARGE DISTANCES FROM BLUFF AXIALLY SYMMETRIC BODIES	1962
19630030752	SIMPLE METHODS FOR THE PREDICTION OF WING BUFFETING RESULTING FROM BUBBLE TYPE SEPARATION	1962
19630030764	GROUND EFFECT EXPERIMENTS ON A FAN-IN-WING CONFIGURATION AT ZERO FORWARD SPEED TEST REPORT	1962
19630030769	QUARTERLY PROGRESS REPORT ON A.R.P.A. PROJECTS, OCTOBER 1, 1962 - DECEMBER 31, 1962	1962
19630030770	THE INVESTIGATION AND DEVELOPMENT OF ADVANCED TYPE SOLID PROPELLANTS /U/ FINAL REPORT, JULY 1, 1961-MARCH 31, 1962	1962
19630030771	IRIA ANNOTATED BIBLIOGRAPHY OF INFRARED LITERATURE - VOLUME NUMBER 4 /CUMULATIVE/	1962
19630030772	AN EXPERIMENTAL INVESTIGATION OF A UNIQUE THRUST VECTOR CONTROL CONCEPT /U/ FINAL REPORT, JUNE 1, 1961-JANUARY 31, 1962	1962
19630030773	FABRICATION OF THE XM-85 ROCKET MOTOR /U/ TECHNICAL DOCUMENTARY REPORT, MAY 1-DEC. 31, 1961	1962
19630030775	Aeronomical Problem of Neutral Helium and Hydrogen	1962
19630030779	PROGRESS IN THE TEN YEAR SURVEILLANCE PROGRAM OF DOUBLE-BASE AND COMPOSITE PROPELLANTS, ROCKETS AND JATOS	1962
19630030781	Abstracts: A Selection of Current Rand Publications	1962
19630030782	A NEW CONCEPT OF STABILITY	1962
19630030783	THE COVERAGE OVERLAP AREA WITH SATELLITES OF EQUAL HEIGHT REPORT NO. 3	1962
19630030784	REPORT OF PROGRESS, SEPTEMBER 16, 1962 - DECEMBER 16, 1962	1962
19630030786	[No Title]	1962
19630030790	REPORT OF BERYLLIUM COMMITTEE	1962
19630030791	FORMULATION OF AN ADVANCED SOLID PROPELLANT /U/ SECOND QUARTERLY TECHNICAL PROGRESS REPORT FOR THE PERIOD 1 NOVEMBER THROUGH 31 DECEMBER 1962	1962
19630030792	[No Title]	1962
19630030794	EXIT, SPACE AND RE-ENTRY STRUCTURAL DESIGN CRITERIA <FINAL< TECHNICAL DOCUMENTARY REPORT <MAY 1961-MAY 1962<	1962
19630030795	OBSERVATIONS OF COLLECTIVE PHENOMENA IN PLASMAS	1962
19630030796	APPLIED AND PHYSICAL ACOUSTICS AT IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY /LONDON UNIVERSITY/	1962
19630030797	CONFERENCE ON VERY STRONG STEELS FOR AIRCRAFT	1962
19630030798	NOTES ON PSYCHOLOGICAL AND SOCIOLOGICAL RESEARCH AND TRAINING IN DENMARK	1962
19630030800	ANALYSIS OF AIR CUSHION VEHICLES IN ARMY LOGISTIC OVER THE SHORE /LOTS/ OPERATIONS, VOLUME 2	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030802	TEST AND EVALUATION OF HIGH ENERGY MATERIALS FOR ROCKET ENGINE APPLICATIONS /U/ FINAL REPORT, 1 AUGUST 1961 TO 31 JULY 1962	1962
19630030805	RESEARCH ON IMPROVED SOLAR GENERATOR <FINAL REPORT, JUNE 1959 TO JUNE 1961<	1962
19630030806	ORBITAL "BLOW-OUT" FRACTURES IN DOGS PRODUCED BY AIR BLAST FORMAL PROGRESS REPORT	1962
19630030807	[No Title]	1962
19630030808	[No Title]	1962
19630030809	[No Title]	1962
19630030810	[No Title]	1962
19630030811	PHOTOMETRIC ANALYSIS OF ARGUS FILMS	1962
19630030816	A DISCUSSION OF COMMUNICATIONS PLANNING FOR ARMS CONTROL	1962
19630030819	DATA-CONVERSION EQUIPMENT FINAL TECHNICAL REPORT <JUNE 1959 THROUGH MAR. 1962<	1962
19630030820	SPEECH PATTERN RECOGNITION BY SIMULATED NEUTRAL NETWORKS <FIRST INTERIM REPORT, DEC. 1, 1961 TO MAY 1, 1962<	1962
19630030821	SPACE VEHICLE ATTACHMENT AND CONNECTION <FINAL REPORT, DEC. 1961-NOV. 1962<	1962
19630030822	INVESTIGATION OF HYPERSONIC FLOW SEPARATION AND ITS EFFECTS ON AERODYNAMIC CONTROL CHARACTERISTICS <FINAL REPORT, OCT. 1961 - AUG. 1962<	1962
19630030823	INVESTIGATION OF THE HIGH SPEED IMPACT BEHAVIOR OF FIBROUS MATERIALS. PART II. IMPACT CHARACTERISTICS OF PARACHUTE MATERIALS	1962
19630030824	REDUCTION OF REFLECTIVITY FROM TRANSPARENT MATERIALS- A MEMORANDUM IN EVALUATION OF TECHNIQUES APPLICABLE TO PLASTIC HELICOPTER CANOPIES	1962
19630030825	GAS LUBRICATED BEARINGS FOR ADVANCED SYSTEMS ELECTRICAL ACCESSORY EQUIPMENT <FINAL< TECHNICAL DOCUMENTARY REPORT <FEB. 1, 1961 - MAR. 31, 1962<	1962
19630030826	RESEARCH ON MICROBIOLOGICAL SLUDGE INHIBITORS <FINAL< TECHNICAL DOCUMENTARY REPORT <JAN. 1 - DEC. 13, 1961<	1962
19630030827	DETERMINATION OF WORKING FLUID LUBRICATION CAPABILITY IN JOURNAL BEARINGS <FINAL< REPORT	1962
19630030831	MONOPROPELLANT ISOLDE 2.4 AS A GAS GENERANT	1962
19630030832	PROPULSION RESEARCH- CONSTANT CHAMBER PRESSURE VARIABLE THRUST POWER PLANT	1962
19630030835	Development of High Nitrogen Polymers	1962
19630030836	PREPARATION AND CHARACTERIZATION OF LIGHT METAL HYDRIDE	1962
19630030838	[No Title]	1962
19630030840	APPLIED RESEARCH FOR ADVANCED COOLED NOZZLES	1962
19630030841	THERMAL STRESSES AND DEFLECTIONS IN RECTANGULAR PANELS. PART I - THE ANALYSIS AND TEST OF RECTANGULAR PANELS WITH TEMPERATURE GRADIENTS THROUGH THE THICKNESS <FINAL< REPORT	1962
19630030843	INVESTIGATION AND DEVELOPMENT OF ADVANCED TYPE SOLID PROPELLANTS /U/ SECOND QUARTERLY TECHNICAL SUMMARY REPORT, 1 AUGUST 1962 TO 31 OCTOBER 1962	1962
19630030844	BASIC STUDIES IN SPACE VEHICLE ATTITUDE CONTROL THIRD SEMIANNUAL STATUS REPORT	1962
19630030845	VIBRATORY RATE GYROSCOPES TECHNICAL REPORT	1962
19630030849	RESEARCH ON EXPERIMENTAL TECHNIQUES FOR DETERMINING PILOT PERFORMANCE PARAMETERS, WITH PARTICULAR EMPHASIS ON LOW-ALTITUDE HIGH-SPEED FLIGHT FIRST PROGRESS REPORT	1962
19630030863	WEAPON SYSTEM 133A- SECOND-STAGE MINUTEMAN M56E 1/R&D WING II/ MOTOR DATA BOOK	1962
19630030868	STUDY ON THE APPLICATION AND INSTRUMENTATION OF VISUAL PERCEPTION FOR SPACE EXPLORATION. QUARTERLY STATUS REPORT NO. 2, 1 SEPTEMBER - 30 NOVEMBER 1962	1962
19630030869	EVALUATION OF SOLID PROPELLANTS AND SOLID-PROPELLANT SYSTEMS FOR SPACE APPLICATION FOURTH QUARTERLY REPORT <APRIL 1 THROUGH JUNE 30, 1962<	1962
19630030870	INVESTIGATION OF MECHANICAL PROPERTIES OF CHROMIUM, CHROMIUMRHENIUM, AND DERIVED ALLOYS TENTH QUARTERLY PROGRESS REPORT <JUNE 1 - AUG. 30, 1962<	1962
19630030871	TRANSIENT RESPONSE OF JUNCTION DIODES	1962
19630030873	SEMIANNUAL STATUS REPORT NO. 6, MAY 1 - OCTOBER 31, 1962 <PLASMA PHYSICS<	1962
19630030874	CARDIAC VIBRATION ANALYSIS - EXHIBIT - IVTH WORLD CONGRESS OF CARDIOLOGY, MEXICO <CITY<, 1962	1962
19630030875	<SEMIANNUAL< SUMMARY PROGRESS REPORT FOR THE PERIOD NOV. 15, 1961-MAY 15, 1962 <ANALYSES OF GAMMA RAY AND COSMIC RAY OBSERVATIONS<	1962
19630030876	THE MEASUREMENT OF VELOCITY AND TEMPERATURE IN A HYPERSONIC LAMINAR BOUNDARY LAYER <FINAL< REPORT	1962
19630030878	EVALUATION OF SOLID PROPELLANTS AND SOLID-PROPELLANT SYSTEMS FOR SPACE APPLICATION THIRD QUARTERLY REPORT <JAN. 1 TO MARCH 31, 1962<	1962
19630030879	GLASS REINFORCEMENTS FOR FILAMENT WOUND COMPOSITES INTERIM ENGINEERING PROGRESS REPORT, AUGUST 1962 THROUGH OCTOBER 1962	1962
19630030883	[No Title]	1962
19630030886	A DESCRIPTION OF AN AIRBORNE METEOR RADAR RESEARCH SYSTEM	1962
19630030892	PRELIMINARY STUDIES OF INFRARED IMAGERY OF SEA-ICE PATTERNS	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030896	THE DETERMINATION OF ANTENNA PARAMETERS BY SCATTERING CROSSSECTION MEASUREMENTS III. ANTENNA SCATTERING CROSS SECTION	1962
19630030902	CONSTANT-TEMPERATURE HOT-FILM ANEMOMETER AS A TOOL IN LIQUID TURBULENCE MEASUREMENTS	1962
19630030904	FINAL REPORT FOR PHASE I OF THE LARGE SOLID ROCKET PROGRAM	1962
19630030905	SOME PRELIMINARY AERODYNAMIC HEATING CONSIDERATIONS FOR SEVERAL HYPERSONIC RE-ENTRY TEST VEHICLES SURVIVING TO 100,000 FEET	1962
19630030906	SOLID PROPELLANT RESEARCH AND DEVELOPMENT- THEORETICAL PERFORMANCE CALCULATIONS AND THE STUDY OF MULTIPHASE FLOW THROUGH ROCKET NOZZLES	1962
19630030907	WEAPON SYSTEM 133B- DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE	1962
19630030908	RESEARCH ON ADSORPTION AND CATALYSIS ON CLEAN SURFACES FINAL TECHNICAL REPORT, JULY 1, 1955-JUNE 30, 1962	1962
19630030954	Procedure for Evaluation of Self-Sterilizing Resins	1962
19630030958	THEORETICAL STUDY OF ATOMIC AND MOLECULAR GASES AND THEIR REACTIONS IN THE UPPER ATMOSPHERE SUMMARY OF WORK DONE IN THE PERIOD MAY 1, 1962 TO NOVEMBER 1, 1962	1962
19630030963	TYPE-LIFE PROGRAMS /U/ <QUARTERLY< TECHNICAL PROGRESS REPORT, 1 JANUARY-31 MARCH 1962	1962
19630030965	A TRANSISTORIZED PHOTOMULTIPLIER PROBE WITH A STACKED EMITTER FOLLOWER	1962
19630030967	MONOPROPELLANTS ISOBEL A, ISOBEL E AND ISOBEL F AS GAS GENERANTS	1962
19630030968	DETONATION PROPAGATION CHARACTERISTICS OF CAVEA B 120	1962
19630030969	THERMAL ANALYSIS OF A PERSHING XB-1 MOTOR SUBJECTED TO A COLD ENVIRONMENT	1962
19630030970	DEVELOPMENT OF HIGH-STRENGTH ELEVATED-TEMPERATURE CORROSION-RESISTANT STEEL SECOND QUARTERLY PROGRESS REPORT <APR. 1-JULY 31, 1962<	1962
19630030975	SOME PRELIMINARY AERODYNAMIC HEATING CONSIDERATIONS FOR A SEA-LEVEL HYPERVELOCITY ANTITANK VEHICLE	1962
19630030978	PROJECT APOLLO GUIDANCE AND NAVIGATION PROGRAM /U/ MONTHLY TECHNICAL PROGRESS REPORT, DECEMBER 11, 1961 TO JANUARY 16, 1962	1962
19630030981	PROJECT APOLLO GUIDANCE AND NAVIGATION PROGRAM /U/ MONTHLY TECHNICAL PROGRESS REPORT, APRIL 11, 1962 TO MAY 1, 1962	1962
19630030983	MODIFICATION AND EVALUATION OF A CONCENTRATING PHOTOVOLTAIC GENERATOR <FINAL< REPORT	1962
19630030987	THERMAL CONDUCTIVITY OF SEMICONDUCTIVE SOLIDS- METHOD FOR STEADY-STATE MEASUREMENTS ON SMALL DISK REFERENCE SAMPLES INTERIM TECHNICAL REPORT, COVERING PERIOD APRIL 1, 1961 TO AUGUST 31, 1962	1962
19630030993	INTERCONNECTION OF FUNCTIONAL ELECTRONIC BLOCKS 2ND INTERIM DOCUMENTARY PROGRESS REPORT, 1 OCT. 1962 TO 31 DEC. 1962	1962
19630030995	A STUDY OF UNDERWATER ACOUSTICAL IMAGING	1962
19630030997	MECHANICAL PROPERTIES OF SANDWICH CONSTRUCTIONS OF HEAT-RESISTANT METAL	1962
19630030998	MANUFACTURING METHODS FOR HIGH TEMPERATURE COATING OF LARGE MOLYBDENUM PARTS INTERIM ENGINEERING PROGRESS REPORT, 1 JULY 1962-31 OCT. 1962	1962
19630031001	IN-REACTOR CREEP MEASUREMENTS ON ZIRCALOY-2	1962
19630031007	CHEMISTRY RESEARCH QUARTERLY PROGRESS REPORT	1962
19630031010	THE RECORDING OF SUPERSONIC WIND TUNNEL DATA ON PUNCHED PAPER TAPE	1962
19630031014	RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION FIRST QUARTERLY PROGRESS REPORT, 1 JULY 1962 THROUGH 30 SEPTEMBER 1962	1962
19630031017	PRELIMINARY STUDY OF ABORTS FROM CIRCULUNAR TRAJECTORIES	1962
19630031020	APPLICATION OF BROAD-LINE NUCLEAR MAGNETIC RESONANCE TO PROPELLANT TECHNOLOGY	1962
19630031021	QUARTERLY REPORT - PROPULSION LABORATORY, 1 JULY TO 30 SEPTEMBER 1962	1962
19630031033	APOLLO GUIDANCE AND NAVIGATION SYSTEM RELIABILITY PROGRAM	1962
19630031038	RESEARCH ON LIGHT METAL CONTAINING HIGH ENERGY FUELS AND COMPLEX HIGH ENERGY OXIDIZERS /U/ QUARTERLY PROGRESS REPORT NO. 6, OCTOBER-DECEMBER 1962	1962
19630031039	THE INITIAL VALUE PROBLEM FOR LONGITUDINAL AND TRANSVERSAL PLASMA OSCILLATIONS TECHNICAL REPORT A-6	1962
19630031041	FINAL REPORT. UNCLASSIFIED PORTION OF PROZID. VOLUME I- A STUDY OF PROGRESSIVE ZONAL INSPECTION OF DISARMAMENT	1962
19630031042	FINAL REPORT UNCLASSIFIED PORTION OF PROZID. VOLUME IIAPPENDICES. A STUDY OF PROGRESSIVE ZONAL INSPECTION OF DISARMAMENT	1962
19630031043	INVESTIGATION OF CALOTTAN SHEET STIFFENING PROCESS	1962
19630031046	AN INVESTIGATION OF THE EFFECTS OF MODIFICATIONS TO THE PERSHING RE-ENTRY BODY	1962
19630031047	REDEYE DEVELOPMENT PROGRAM /U/ INTERIM TECHNICAL REPORT NO. 19, OCTOBER - DECEMBER 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031048	STUDY TO DETERMINE AERODYNAMIC CHARACTERISTICS ON HYPERSONIC RE-ENTRY CONFIGURATIONS. PART III. PRESSURE DISTRIBUTION STUDIES ON THREE HYPERSONIC RE-ENTRY CONFIGURATIONS VOLUME 2 - ANALYSIS /U/ <INTERIM REPORT, JUNE 1960 - AUG. 1961<	1962
19630031049	AUTOFLITE II. TERRAIN AVOIDANCE TECHNIQUE EVALUATION /U/ INTERIM ENGINEERING REPORT NO. 1, FOR QUARTER ENDING 15 AUGUST 1962	1962
19630031053	ROLE OF DYNAMIC MODELS IN LAUNCH VEHICLE DEVELOPMENT	1962
19630031054	THE EFFECT OF SOME ADDITIVES ON THE BURNING RATE OF LIQUID HYDRAZINE	1962
19630031056	A SUMMARY OF THE BEHAVIOR OF MATERIALS AT CRYOGENIC TEMPERATURES	1962
19630031057	0.1 TO 5 MEV PROTONS AND 20 KEV ELECTRONS AT 12 EARTH RADII DURING SUDDEN COMMENCEMENT ON 30 SEPTEMBER 1961	1962
19630031058	THE RELATIVE SIGNS OF THE NMR COUPLING CONSTANTS IN STYRENE OXIDE BY DOUBLE RESONANCE	1962
19630031059	SINGLE-CYLINDER TEST TECHNIQUES FOR ENGINE OILS, PART ONE CRC L-38 TEST WORK /REPORT OF OIL OXIDATION TESTS GROUP OF THE MOTOR VEHICLE FUEL, LUBRICANT, AND EQUIPMENT RESEARCH COMMITTEE OF THE COORDINATING RESEARCH COUNCIL, INC./	1962
19630031060	FAST NEUTRON DOSIMETRY FOR LONG-TERM IRRADIATIONS	1962
19630031061	TURBULENCE AND PRECIPITATION PROBLEMS ASSOCIATED WITH OPERATION OF SUPERSONIC TRANSPORTS	1962
19630031062	ROOM TEMPERATURE SLIP SYSTEMS IN ZONE MELTED TUNGSTEN SINGLE CRYSTALS	1962
19630031064	EVALUATION OF SHOCK TUBE HEAT TRANSFER EXPERIMENTS AS A MEANS OF MEASURING THERMAL CONDUCTIVITY OF ARGON FROM 700 DEG TO 8600 DEG K	1962
19630031067	MEASUREMENT OF PROTON POLARIZATION IN DEUTERON STRIPPING ON BE SUPER 9 AND C SUPER 12	1962
19630031069	LAMINAR CONVECTION IN A CHANNEL WITH WALL HEAT CAPACITY AND WITH WALL HEATING VARIABLE WITH AXIAL POSITION AND TIME	1962
19630031070	GALLIUM RICH FILMS AS BOUNDARY LUBRICANTS IN AIR AND IN VACUUM TO 10 SUPER 9 MM HG	1962
19630031072	AN APPROXIMATE ANALYTICAL SOLUTION FOR THE RADIATION EXCHANGE BETWEEN TWO FLAT SURFACES SEPARATED BY AN ABSORBING GAS	1962
19630031074	FURTHER WIND TUNNEL TESTS ON ROLLERON CONFIGURATIONS FOR THE SIDEWINDER MISSILE /U/ CONCLUDING REPORT	1962
19630031075	STUDY OF ASSEMBLY AND SEPARATION INTERFACES FOR ORBITAL LAUNCH OPERATIONS. VOLUME III, APPENDIX I. INTERFACE SURVEY PHASE II PROGRESS REPORT	1962
19630031077	RESEARCH STUDY OF BIO-ELECTROGENESIS AS AN APPROACH TO WASTE MANAGEMENT QUARTERLY REPORT NO. 11, OCTOBER - DECEMBER 1962	1962
19630031078	ARMAMENT SAFETY DESIGN CRITERIA FOR GAR/GAM MISSILE WEAPON SYSTEMS FINAL REPORT <JUNE 1961-JANUARY 1962<	1962
19630031079	RESPIRATION AND PHOSPHORYLATION IN LIVER MITOCHONDRIA AND HOMOGENATES FROM ADRENALECTOMIZED RATS	1962
19630031080	A COMPARISON OF DUST COUNT DATA OBTAINED FROM DIFFERENT MEASURING METHODS	1962
19630031082	DESIGN CRITERIA FOR ADVANCED PROPELLANT SYSTEMS /U/ FIRST QUARTERLY PROGRESS REPORT, 1 JULY 1962 TO 30 SEPTEMBER 1962	1962
19630031085	[No Title]	1962
19630031086	[No Title]	1962
19630031087	OPERATIONAL TEST OF A GENERAL ELECTRIC ATTITUDE CONTROL SUBSYSTEM IN A SIMULATED ALTITUDE ENVIRONMENT	1962
19630031088	THE LOCAL LINEARIZATION METHOD IN TRANSONIC FLOW THEORY	1962
19630031089	DRIFTING PLASMA MAGNETO-IONIC THEORY FOR OBLIQUE INCIDENCE	1962
19630031090	ACOUSTIC NOISE AND VIBRATION STUDIES AT CAPE CANAVERAL MISSILE TEST ANNEX, ATLANTIC MISSILE RANGE. VOLUME I. ACOUSTIC NOISE	1962
19630031091	UNSOLVED PROBLEMS IN POLYMER SCIENCE A COMPILATION OF ESSAYS WITH A BIBLIOGRAPHY OF REVIEWS	1962
19630031092	DEVELOPMENT OF HIGH-TEMPERATURE SEAL-LUBRICANT DEPOSIT EVALUATION TECHNIQUES PROGRESS REPORT NO. 5, MARCH 1, 1962- JUNE 30, 1962	1962
19630031093	DEVELOPMENT OF HIGH-TEMPERATURE SEAL-LUBRICANT DEPOSIT EVALUATION TECHNIQUES PROGRESS REPORT NO. 6, JULY 1, 1962- OCTOBER 30, 1962	1962
19630031094	INVESTIGATIONS ON THE GROUND PERFORMANCE OF AIRCRAFT RELATING TO WET RUNWAY BRAKING AND SLUSH DRAG	1962
19630031096	KINEMATIC STUDIES OF EARLY TYPE STARS. I. PHOTOMETRIC SURVEY, SPACE MOTIONS, AND COMPARISON WITH RADIO OBSERVATIONS	1962
19630031097	THE RELATIVE USEFULNESS OF RADIO AND OPTICAL FREQUENCIES FOR SPACE COMMUNICATIONS AND TRACKING	1962
19630031101	EFFECT OF CYCLIC DECONTAMINATION ON CORROSION RATES	1962
19630031105	ELECTROCHEMICAL CALORIMETRY	1962
19630031107	AN INVESTIGATION OF ROCKET ENGINE THRUST AUGMENTATION WITH A NOZZLE-EJECTOR SYSTEM	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031109	CRYSTAL GROWTH AND THE FORMATION OF THE PLANETS	1962
19630031110	ON THE HALF-LIFE OF MN SUPER 53 AND ITS GEOCHEMICAL SIGNIFICANCE	1962
19630031111	THE EFFECTS OF NEUTRON IRRADIATION ON PRECIPITATION-HARDENING ALLOYS	1962
19630031113	CORRELATION CORRECTIONS TO THE THOMAS FERMI ATOM	1962
19630031114	THE STRUCTURE OF STARS OF VERY LOW MASS	1962
19630031115	REMARKS ON THE STATE-OF-THE-ART OF BUFFET LOADS PREDICTION	1962
19630031116	STRUCTURE OF DISPLACEMENT CASCADES PRODUCED BY NEUTRON IRRADIATION	1962
19630031117	FAST-NEUTRON DOSIMETRY AT THE MTR-ETR SITE	1962
19630031118	FLAME-SPREAD TESTS IN A LARGE TUNNEL FURNACE	1962
19630031119	THE MECHANICAL PROPERTIES OF IRRADIATED IRON AND IRON ALLOYS	1962
19630031120	EFFECTS OF RADIATION ON TWO LOW-ALLOY STEELS AT ELEVATED TEMPERATURES	1962
19630031122	THE INFLUENCE OF NEUTRINO PROCESSES ON LATE STAGES OF STELLAR EVOLUTION	1962
19630031123	MINIMUM DRAG OF WINGS AT SUPERSONIC SPEED	1962
19630031124	PARTICULATE AIR POLLUTANTS RESULTING FROM COMBUSTION	1962
19630031125	HEAT SINKING TECHNIQUES FOR POWER TRANSISTORS IN A SPACE ENVIRONMENT	1962
19630031127	HEAT CAPABILITIES OF SELECTED MATERIALS	1962
19630031128	THE SOLID BOOSTER FOR SPACE EXPLORATION	1962
19630031130	SIMULATED HIGH ALTITUDE EVALUATION OF THE TE-375 SOLIDPROPELLANT ROCKET MOTORS FOR THE PROJECT SYNCOM MARK I SPACECRAFT /PHASE II - FLIGHTWEIGHT NOZZLE EVALUATION	1962
19630031132	[No Title]	1962
19630031136	ALTITUDE TEST OF A HERCULES WING I QUALIFICATION XM-57 THIRD STAGE MINUTEMAN MOTOR /MOTOR SERIAL NUMBER B1-4-18/	1962
19630031137	NEW ENERGETIC BINDERS FOR SOLID PROPELLANT APPLICATIONS /U/ <JULY 1, 1960 - OCTOBER 1, 1961<	1962
19630031139	[No Title]	1962
19630031141	STUDY OF SPACECRAFT ATTITUDE CONTROL PROPULSION DEVICES	1962
19630031142	WEAPON SYSTEM 133B- DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE	1962
19630031144	RECOVERY OF LUNAR RE-ENTRY VEHICLES AT A PRE-SELECTED LANDING SITE <FINAL REPORT<	1962
19630031145	AN ANALYSIS OF POSSIBLE SPACE MISSIONS IN THE INTERVAL FROM 1963 TO 1978 DESCRIBING THE CONSEQUENT NEEDS FOR ADVANCED PROPULSION AND POWER SYSTEMS	1962
19630031147	PREDICTIONS OF THE STRUCTURE OF RADIATION-RESISTED SHOCK WAVES	1962
19630031148	SOME GENERAL CONSIDERATIONS OF MANNED LUNAR RETURN MISSIONS	1962
19630031151	DEVELOPMENT OF HIGH TEMPERATURE DEPOSITION RIG FOR ADVANCED ENGINE LUBRICANTS QUARTERLY PROGRESS REPORT NO. 9 <SEPT. 1- NOV. 30, 1962<	1962
19630031156	ABUNDANCES OF THE FOURTEEN RARE-EARTH ELEMENTS PLUS SCANDIUM, YTTRIUM, CADMIUM, AND ZIRCONIUM IN METEORITES QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING NOV. 30, 1962	1962
19630031166	ANALYTICAL AND EXPERIMENTAL STUDY OF THE MECHANISMS OF PENETRATION AND LIGHT EMISSION FOR MICROMETEOROID IMPACT ON AN ALUMINUM-COATED PHOTOMULTIPLIER QUARTERLY PROGRESS REPORT NO. 8 FOR THE PERIOD JULY 1, 1962 THROUGH SEPTEMBER 30, 1962	1962
19630031170	AN INVESTIGATION OF MAGNETOHYDRODYNAMIC PRINCIPLES APPLICABLE TO FLIGHT CONTROL	1962
19630031171	WEAPON SYSTEM 107A-2 /U/ QUARTERLY PROGRAM PROGRESS REPORT, 1 APRIL THROUGH 30 JUNE 1962	1962
19630031172	WEAPON SYSTEM 107A-2- RELIABILITY SUMMARY /LR91-AJ-3 AND LR87-AJ-3 ROCKET ENGINES/ /U/ <TENTH MONTHLY REPORT< 1 JULY THROUGH 31 JULY 1962	1962
19630031178	ON REGENERATIVE AND RADIATION COOLING OF ELECTROTHERMAL THRUSTORS	1962
19630031179	A STUDY OF THE LOAD BEARING BEHAVIOR AND OTHER CHARACTERISTICS INFLUENCING VIBRATION OR FLUTTER IN DECELERATOR RIBBONS <FINAL< TECHNICAL DOCUMENTARY REPORT	1962
19630031181	EARTH REFLECTED SOLAR RADIATION INCIDENT UPON AN ARBITRARILY ORIENTED SPINNING FLAT PLATE	1962
19630031182	ON THE ELLIPTIC CASE OF THE RESTRICTED PROBLEMS OF THREE BODIES	1962
19630031186	CONVECTION CURRENTS IN THE EARTH'S MANTLE	1962
19630031188	SCATTERING BY IRREGULAR PARTICLES WITH APPLICATIONS TO ASTRONOMY	1962
19630031190	EFFECTS OF INTERSTITIAL IMPURITIES ON THE DUCTILITY OF TUNGSTEN	1962
19630031191	HELICOPTER DESIGN AND CAPABILITY TRENDS AS SEEN FROM A RESEARCH VIEWPOINT	1962
19630031193	PROBLEMS ENCOUNTERED IN OPERATION OF LARGE STOL AIRCRAFT	1962
19630031194	FLIGHT TESTS AND EARLY MISSIONS FOR ELECTRIC PROPULSION SYSTEMS	1962
19630031195	LUBRICATION PROBLEMS IN SPACE FOR EXPOSED MECHANISMS AND FOR POWER GENERATION EQUIPMENT	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031196	MONTE CARLO SOLUTION OF THERMAL TRANSFER THROUGH RADIANT MEDIA BETWEEN GRAY WALLS	1962
19630031198	QUARTERLY LETTER REPORT, JULY-SEPTEMBER <1962< <HEAT TRANSFER IN SOLID PROPELLANT NOZZLE SYSTEMS AND FUNDAMENTALS OF INSULATION<	1962
19630031199	FUNDAMENTALS OF INSULATION	1962
19630031200	HEAT TRANSFER IN SOLID PROPELLANT NOZZLE SYSTEMS	1962
19630031201	A PSEUDORANDOM SIGNAL CORRELATION SYSTEM FOR UNDERWATER ACOUSTIC RESEARCH	1962
19630031202	[No Title]	1962
19630031203	[No Title]	1962
19630031205	THE RADIATION AMPLIFIER - A NEW APPROACH TO HEAT REJECTION FROM SPACE POWERPLANTS	1962
19630031206	LINEARIZATION OF PRODUCTS OF JACOBI POLYNOMIALS	1962
19630031207	ANALYTICAL PROGRAM ON ZERO GRAVITY AND NEAR-ZERO GRAVITY HYDRODYNAMICS AND HEAT TRANSFER IN FLUIDS QUARTERLY PROGRESS REPORT FOR THE PERIOD 1 OCTOBER - 31 DECEMBER 1962	1962
19630031211	FINAL REPORT, 1 DEC. 1961 - 30 NOV. 1962 <COMMUNICATION SATELLITE. POWER SUPPLY AND CONTROL SYSTEMS<	1962
19630031215	ADDITIONAL SOLUTIONS TO THE DIRAC EQUATION WITH YUKAWA POTENTIAL	1962
19630031216	MEASURED SHOCK-WAVE GROUND-PRESSURE PATTERNS FROM AIRCRAFT IN MANEUVERS	1962
19630031217	VELOCITY LIMITATION OF A COAXIAL PLASMA GUN	1962
19630031218	MULTIPLE SCATTERING IN THE AURORAL IONOSPHERE	1962
19630031219	MEASUREMENT OF THERMAL-RADIATION PROPERTIES OF TEMPERATURECONTROL SURFACES IN SPACE	1962
19630031220	OPPOSITE RELATIVE SIGNS OF 1,2- AND 1,3-FLUORINE-FLUORINE NMR COUPLING CONSTANTS IN SATURATED FLUOROCARBONS BY DOUBLE RESONANCE	1962
19630031223	A MATHEMATICAL MODEL FOR SYNTHETIC DESIGN WIND PROFILES	1962
19630031224	A FEASIBILITY STUDY OF THE APPLICATION OF THE SURVEYOR BUS AS A CENTAUR THIRD STAGE FOR ADVENT	1962
19630031230	HIGH ENERGY PROPELLANTS FROM NITROGEN-FLUORINE COMPOUNDS - V	1962
19630031232	[No Title]	1962
19630031233	[No Title]	1962
19630031237	APOLLO GUIDANCE AND NAVIGATION. THE RELATIONSHIP BETWEEN IMU DRIFT, MISALIGNMENTS, AND TARGET ERRORS	1962
19630031239	HIGH RESOLUTION IR SYSTEM AN/AAS-10,	1962
19630031255	INVESTIGATION OF THE THERMAL BEHAVIOR OF GRAPHITE AND CARBONBASED FIBROUS MATERIALS <FINAL REPORT<, DECEMBER 1960 - AUGUST 1961<	1962
19630031256	PROCESS AND DESIGN DATA ON A BORIDE-SILICIDE COMPOSITION RESISTANT TO OXIDATION TO 2000 DEG C <FINAL REPORT, MAR. 1961 - OCT. 1962<	1962
19630031258	UNIVERSAL HELICOPTER TRANSMISSION TEST STAND FINAL REPORT <30 APR. 1957 - DEC. 1962<	1962
19630031260	SILICIDES AND THEIR USES IN ENGINEERING	1962
19630031261	DIGITAL MODULATION AND CODING TECHNIQUES FOR SATELLITE COMMUNICATION SYSTEMS	1962
19630031268	BIOENGINEERING EXPERIMENTS IN THE SAM SPACE CABIN SIMULATOR	1962
19630031270	DIFFUSION APPROXIMATION FOR THERMAL RADIATION IN GASES WITH JUMP BOUNDARY CONDITION	1962
19630031272	THE DIVERSITY LOCKED LOOP - AN OPTIMUM TRACKING COMBINER	1962
19630031274	APPLICATION OF THE MATCHED CONIC MODEL IN THE STUDY OF CIRCUMLUNAR TRAJECTORIES	1962
19630031275	PERFORMANCE OF COAXIAL PLASMA GUN WITH VARIOUS PROPELLANTS	1962
19630031278	COMBINED RADIATION AND CONVECTION IN AN ASYMMETRICALLY HEATED PARALLEL PLATE FLOW CHANNEL	1962
19630031280	SOME FACTORS THAT INFLUENCE THE PERFORMANCE OF RESISTANCE STRAIN GAGES IN VARIOUS ENVIRONMENTS	1962
19630031281	A VIEWPOINT ON SPACE PROPULSION AND POWER-GENERATION SYSTEMS	1962
19630031285	QUARTERLY PROGRESS REPORT ON CHEMICAL AND PROPELLANT PROCESSING, MARCH 15, 1962 - SEPTEMBER 15, 1962	1962
19630031286	[No Title]	1962
19630031288	ALTITUDE PERFORMANCE EVALUATION OF THE AEROJET XLR91-AJ-5 ENGINE ASSEMBLY, PHASE 1 /U/ TECHNICAL DOCUMENTARY REPORT <AUGUST 4, 1961 TO OCTOBER 3, 1961<	1962
19630031289	[No Title]	1962
19630031292	ATMOSPHERIC DENSITY MEASUREMENTS FROM SOUNDING ROCKETS FOR APPLICATION TO NASA REENTRY EXPERIMENTS	1962
19630031297	FUNDAMENTALS OF HIGH TEMPERATURE BEARING LUBRICATION FINAL REPORT, DECEMBER 1961 - NOVEMBER 1962	1962
19630031302	INVESTIGATION OF ADVANCED INJECTOR CONCEPTS FOR THE PENTABORANE/ HYDRAZINE PROPELLANT SYSTEM	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031303	A STUDY OF PROPELLANTS CONTAINING DIISOCYANATES. PART II RATES OF GAS EVOLUTION	1962
19630031320	FINAL REPORT ON CALIBRATION OF THE BRIDGE CELL	1962
19630031321	[No Title]	1962
19630031322	Estimated Performance and Installation Data for a Duct Heater Turbofan Engine Model SFT102K	1962
19630031330	[No Title]	1962
19630031331	[No Title]	1962
19630031332	[No Title]	1962
19630031333	[No Title]	1962
19630031334	[No Title]	1962
19630031335	INFLUENCE OF CONSTITUTION OF LIQUIDS AND SOLIDS ON THEIR ADHESION	1962
19630031347	MAJOR DEVELOPMENTAL PROBLEMS FOR MILITARY NUCLEAR SYSTEMS	1962
19630031348	POSSIBLE SOLUTIONS FOR NUCLEAR-PULSE-PROPULSION SHOCK-ABSORBER PROBLEMS AND SCALED-DOWN MODEL OF TEST RESULTS	1962
19630031349	PERFORMANCE POTENTIAL OF A UNIQUE GASEOUS-CORE NUCLEAR ROCKET CONCEPT	1962
19630031350	MANEUVERING SATELLITE PROPULSION SYSTEM STUDY	1962
19630031351	A THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE FIRE-IN-THE HOLE STAGING TECHNIQUE	1962
19630031352	LARGE-THRUST-PER-ELEMENT-INJECTOR CONCEPT	1962
19630031353	GASDYNAMICS OF THE SUBSONIC SWIVEL THRUST VECTOR CONTROL NOZZLE	1962
19630031354	EFFECTS OF FLOW PATH GEOMETRY ON HEAT FLUX DISTRIBUTION IN POLARIS NOZZLES DETERMINED BY COLD FLOW TESTS	1962
19630031355	ESTIMATION OF HEAT FLUX AND MATERIAL THICKNESS REQUIREMENTS FOR LARGE SEGMENTED SOLID PROPELLANT ROCKET MOTORS	1962
19630031356	STRESS ANALYSIS OF AXISYMMETRICAL PROPELLANT GRAINS WITH ARBITRARY END GEOMETRIES	1962
19630031358	THE FLIMBAL AN INERTIAL MEASUREMENT SYSTEM	1962
19630031359	THE PANORAMIC STAR MONITOR	1962
19630031360	EXPERIMENTAL STUDIES OF GYRO DRIFT AS A STOCHASTIC PROCESS	1962
19630031361	TERMINAL GUIDANCE FOR RE-ENTRY VEHICLES	1962
19630031362	TERMINAL GUIDANCE FOR THE 621A SYSTEM	1962
19630031363	A COMPARATIVE EVALUATION OF MANEUVERING GUIDANCE SYSTEMS FOR A TERMINALLY GUIDED BALLISTIC MISSILE	1962
19630031364	ACCURACY CONSIDERATIONS FOR STELLAR-INERTIAL GUIDANCE SYSTEMS	1962
19630031366	COMMUNICATION SATELLITE ATTITUDE CONTROL	1962
19630031368	A FLUID FLYWHEEL FOR ATTITUDE CONTROL	1962
19630031371	TERMINAL DEFENSE /ARPAT FEASIBILITY INVESTIGATION	1962
19630031372	DYNAMIC RESPONSE OF HAMMERHEAD LAUNCH VEHICLES TO TRANSONIC BUFFETING	1962
19630031378	NON-EQUILIBRIUM AND EQUILIBRIUM AIR RADIATION AT SUPERSATELLITE RE-ENTRY VELOCITIES	1962
19630031379	LOW DENSITY HYPERSONIC SIMILARITY OF CONES AND SLIGHTLY BLUNTED SPHERE CONES	1962
19630031380	DEFENSIVE DISCRIMINATION TECHNIQUES AS A DETERMINANT OF RE-ENTRY SYSTEM EFFECTIVENESS	1962
19630031381	REDUCED RADAR CROSS-SECTION OBSERVABLES	1962
19630031382	PLASMA DYNAMICS PROBLEMS IN RE-ENTRY	1962
19630031383	RE-ENTRY RADAR DECOYS WITH LOW-FREQUENCY CAPABILITY	1962
19630031384	DESIGN OF DECOYS FOR ADVANCED RE-ENTRY VEHICLES	1962
19630031386	COMMUNICATION SYSTEM TECHNIQUES FOR SPACE-SPACE LINKS	1962
19630031387	DESIGN OF 496L SYSTEM	1962
19630031388	HIGH RESOLUTION PULSE COMPRESSION TECHNIQUES	1962
19630031390	SYNTHETIC SPECTRUM, A VERY HIGH RESOLUTION RADAR TECHNIQUE	1962
19630031401	REFRACTORY METALS STRUCTURAL DEVELOPMENT PROGRAM. VOLUME IVSTRUCTURAL COMPONENT DESIGN AND FABRICATION <FINAL REPORT<	1962
19630031403	EVALUATION OF ROLLING LIQUID TRANSPORTER TRAILER KIT /RLT-TRAILER/ FINAL REPORT	1962
19630031406	METAL FILAMENTS FOR HIGH-TEMPERATURE FABRICS <FINAL REPORT, MAY 1960 THROUGH DEC. 1961<	1962
19630031407	MAGNETIC INDUCTION GYROSCOPE	1962
19630031408	A COMMUNICATION SYSTEM WITH A REDUCED SIGNAL-TO-NOISE THRESHOLD	1962
19630031409	PRACTICAL ASPECTS OF AEROTHERMOELASTIC MODELLING <FINAL< TECHNICAL DOCUMENTARY REPORT <MAY 1961 TO JUNE 1962<	1962
19630031410	OXYGEN ELECTRODES FOR A HIGH-TEMPERATURE FUEL CELL	1962
19630031411	USE OF MIXTURE OF MOLTEN HALIDES AS THE ELECTROLYTE IN A FUEL CELL FUNCTIONING AT HIGH TEMPERATURE	1962
19630031413	WHAT'S NEW IN ASTRONAUTICS /CO NOVENO V ASTRONAUTICE/	1962
19630031420	ON LUNAR MAGNETISM /SUR LE MAGNETISME LUNAIRE/	1962
19630031422	ON THE THERMAL EQUILIBRIUM OF ELECTRONS IN THE CHROMOSPHERE	1962

Accession Number (DocID)	Title	Publication Year
19630031423	ON A DIFFERENCE IN THE DIMENSIONS OF PHOTOSPHERICAL GRANULES IN THE VICINITY AND FAR FROM THE SUNSPOT PENUMBRA	1962
19630031424	RELATIVISTIC MAGNETOHYDRODYNAMICS EQUATIONS	1962
19630031428	ON MEASUREMENT OF THE SPECTRAL DENSITY OF A NOISE IN GEOPHYSICS APPLICATION TO THE EARTH IONOSPHERE CAVITY	1962
19630031429	STUDY OF THE SUN-EARTH TRANSIT TIME OF GEOMAGNETIC DISTURBANCES	1962
19630031430	NIGHT EFFECTS ON LONG WAVES OF IONOSPHERIC DISTURBANCES WITH S. C	1962
19630031432	Flight Report for Vehicle S/N346/2022/3016 - Delta Program-Mission No. 14 - Spacecraft S-3B (SERB)	1962
19630031442	IONOSPHERE TEMPERATURE MEASUREMENT BEGINNING FROM THE ROTATION SPECTRUM OF THE A10 MOLECULE	1962
19630031443	EFFECT OF LOCAL CONDUCTIVITY INCREASE OF THE E-LAYER OF THE IONOSPHERE ON THE S-VARIATION OF THE EARTH'S MAGNETIC FIELD	1962
19630031444	MEASUREMENT OF ELECTROSTATIC FIELD STRENGTH AT THE SURFACE OF A ROCKET FLYING IN THE IONOSPHERE	1962
19630031445	EFFECT OF THE HIGH ALTITUDE THERMONUCLEAR EXPLOSION OF 9 JULY 1962 ON THE RESONANCE OF THE EARTH-IONOSPHERE CAVITY. I	1962
19630031446	EFFECT OF THE HIGH ALTITUDE THERMONUCLEAR EXPLOSION OF 9 JULY 1962 ON THE RESONANCE OF THE EARTH IONOSPHERE CAVITY. II - INTERPRETATION	1962
19630031447	CONFIGURATIONS OF HIGH FREQUENCY ELECTROMAGNETIC FIELDS IN ASSOCIATION WITH A MAGNETOSTATIC FIELD WITH THE VIEW OF CONFINING A PLASMA	1962
19630031448	NEW INDICATIONS OF THE EXISTENCE OF EXTENSIVE ATMOSPHERE SHOWERS ATTRIBUTABLE TO THE PRIMARY PHOTONS	1962
19630031449	DETERMINATION OF FORCES AND MOMENTS OF FORCES OF LIGHT PRESSURE ACTING UPON A BODY AS IT MOVES IN COSMIC SPACE	1962
19630031450	MEASUREMENT OF RADIATION DOSES ON THE SECOND, FOURTH AND FIFTH SPACESHIP-SATELLITES	1962
19630031451	A NEW TYPE OF GEOPHYSICAL EFFECT, CONNECTED WITH THE SOLAR FLARE OF 3 JULY 1957 AND OBSERVED AT THE DUMONT D'URVILLE ANTARCTICA STATION	1962
19630031452	FUEL CELLS /PART II/. PREOXIDATION OF THE SINTERED NICKEL ELECTRODE	1962
19630031453	ELECTROCHEMICAL CHARGE-TRANSFER DISTRIBUTION IN POWER ELECTRODES III. A THEORETICAL STUDY OF POTENTIAL AND CURRENT DISTRIBUTION IN ELECTRODE CHANNELS	1962
19630031454	EXPERIMENT PROOF OF FLOW DURING PROCESSES OF MECHANICAL POLISHING	1962
19630031455	DELTA RANGE SAFETY TRAJECTORY AND AERODYNAMIC DATA FOR THE SYNCOM A-25 MISSION, MODEL NO. DSV-3B, VOLUME II	1962
19630031456	RECOMBINATION IN THE E SUB S- LAYER IN NIGHTTIME	1962
19630031457	ON STATISTICAL INVESTIGATION OF DYNAMIC SYSTEMS	1962
19630031459	STRUCTURAL CHARACTERISTICS OF FATIGUE FRACTURES OF SPECIMENS AND PARTS MADE OF HEAT-RESISTANT ALLOYS	1962
19630031460	DETECTION OF SOFT CORPUSCULAR RADIATION AT 320 KM HEIGHT IN THE NEAR-EQUATORIAL LATITUDES	1962
19630031461	RADIATION MEASUREMENTS IN THE OUTER RADIATION BELT ON 12 FEBRUARY 1961 DURING THE ROCKET FLIGHT TOWARD VENUS	1962
19630031462	ON THE SHATTERING OF HIGH-STRENGTH HARD GLASS	1962
19630031463	CYTOGENIC EFFECT OF IONIZING RADIATION AND STREPTOMYCIN	1962
19630031465	ON THE QUESTION OF ANGULAR AND SPATIAL DISTRIBUTION OF PARTICLES IN THE RADIATION BELT	1962
19630031466	ON THE NATURE OF SOLAR HIGH-ENERGY PARTICLES	1962
19630031467	EFFECTS IN THE IONOSPHERE OBSERVED IN GOR'KIY DURING THE PERIODS OF SOLAR ECLIPSES ON 2 DECEMBER 1956 AND 15 FEBRUARY 1961	1962
19630031468	THEORY OF THE COULOMB SCATTERING OF FAST ELECTRONS IN THE EARTH'S OUTER RADIATION ZONE	1962
19630031469	ON PARTICLE ACCELERATION IN THE EARTH'S OUTER RADIATION BELT	1962
19630031472	ON COMPLETE AVERAGING WITH SEVERAL INTERMEDIATE ELEMENTS IN THE CANONICAL PROBLEM OF CELESTIAL MECHANICS	1962
19630031473	ON INTERPOLATIVELY AVERAGED VARIANTS OF THE CANONICAL PROBLEM IN CELESTIAL MECHANICS	1962
19630031474	RADAR METHOD OF DETERMINING THE COEFFICIENT OF ELECTRON AFFIXION TO NEUTRAL MOLECULES IN THE METEOR ZONE	1962
19630031475	ON PROBABILITIES FOR EXTREME VALUES OF SUMS OF RANDOM VARIABLES DEFINED ON A HOMOGENEOUS MARKOV CHAIN WITH A FINITE NUMBER OF STATES	1962
19630031476	OXYGEN REDUCTION ON ELECTRODES OF LOW-TEMPERATURE FUEL CELLS. I. REDUCTION AT THE LINE OF TRIPLE CONTACT BETWEEN ELECTRODE, ELECTROLYTE, AND GAS	1962
19630031487	ON THE DIURNAL MAGNETIC ACTIVITY IN THE HIGH-ALTITUDE REGIONS AND ON A PROPERTY OF THE SOLAR WIND	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031508	CONTRIBUTION TO THE THEORY OF THE SPECTRAL TYPES. II. POLARIZATION BY FREE ELECTRONS AND SPECTRAL TYPE	1962
19630031518	METHODS OF CALCULATING NUCLEAR REACTORS /SELECTED PARTS/	1962
19630031522	TECHNICAL REQUIREMENTS FOR ARPA SPONSORED STATIONS OF THE GROUND BASED SURVEILLANCE COMPLEX TO SUPPORT THE U.S. SPACE PROGRAM	1962
19630031523	POWERED-LIFT RESEARCH AT LANGLEY FIELD	1962
19630031524	RANDOM PARAMETRIC EFFECTS IN CERTAIN PROBLEMS OF AEROELASTICITY	1962
19630031525	ON THE GENERATION OF PLASMA WAVES BY SOLAR CORPUSCULAR STREAMS	1962
19630031526	RADIATION MEASUREMENTS DURING THE FLIGHT OF THE THIRD SOVIET COSMIC ROCKET	1962
19630031528	STRUCTURE OF THE MOON'S SURFACE AND INVESTIGATION OF THE FIRST PHOTOGRAPHS OF ITS FAR SIDE	1962
19630031529	DETECTION OF THE INNER RADIATION BELT AT 320 KM ALTITUDE IN THE REGION OF THE SOUTH ATLANTIC MAGNETIC ANOMALY	1962
19630031531	DOSIMETRIC MEASUREMENTS ON THE SECOND SOVIET SPACESHIP-SATELLITE	1962
19630031532	INVESTIGATION OF THE VARIATIONS OF COSMIC RAY INTENSITY AND OF CORPUSCULAR FLUX PROPERTIES DURING THE MAGNETIC STORM IN JULY 1958	1962
19630031533	PRELIMINARY RESULTS OF OBSERVATIONS OF THE IONOSPHERE EFFECT DURING THE SOLAR ECLIPSE OF FEB. 15, 1961	1962
19630031534	MAGNETIC STORM EFFECTS ON COSMIC RAYS IN THE SOLAR ACTIVITY MINIMUM	1962
19630031535	ON THE PROBLEM OF STABILITY OF RELAY SYSTEMS FOR AUTOMATIC CONTROL	1962
19630031537	URGENT PROBLEMS OF FURTHER IMPROVEMENT OF TRAINING WELDING ENGINEERS	1962
19630031538	NEW WELDING CONTROL SYSTEMS AND APPARATUSES	1962
19630031539	WORKING CONDITIONS AND THEIR SANITATION IN ELECTRIC WELDING OF ALUMINUM AND ALUMINUM ALLOYS	1962
19630031540	INVESTIGATION OF IMPACT BY HIGH VELOCITY PARTICLES INTO LIQUIDFILLED TANKS	1962
19630031541	SOLAR RADIOBURST AT 28 MC/S FREQUENCY ON 12 JULY 1961	1962
19630031542	CALCULATION OF WINGS OF A FORM IN ANY PLANE IN SUPERSONIC REGIME	1962
19630031543	THE OUTER RADIATION BELT OF THE EARTH AT 320 KM ALTITUDE	1962
19630031544	SOLUTION BY ASYMPTOTIC EXPANSION OF THE LINEARIZED EQUATION GOVERNING SUPERSONIC FLOWS ABOUT THREE-DIMENSIONAL OBSTACLES	1962
19630031545	NONLINEAR OSCILLATIONS OF RAREFIED PLASMA	1962
19630031546	MOLECULAR NITROGEN IN THE UPPER ATMOSPHERE	1962
19630031547	COSMIC RAY EQUATOR ACCORDING TO DATA OF THE SECOND SOVIET SPACESHIP	1962
19630031548	SEARCH FOR ANTIMATTER IN COSMIC RAYS AND IN COSMIC SPACE	1962
19630031549	DENSITY OF METEOR MATTER IN INTERPLANETARY SPACE IN RELATION TO THE POSSIBLE EXISTENCE OF A DUST CLOUD AROUND THE EARTH	1962
19630031550	INVESTIGATION OF THE INTENSITY OF CHARGED PARTICLES DURING THE FLIGHTS OF THE SECOND AND THIRD SPACESHIPS-SATELLITES	1962
19630031551	EXPERIMENTAL INVESTIGATION OF THE ABLATION OF BODIES BY HYPERSONIC FLOW	1962
19630031552	INVESTIGATION OF DEUTERIUM IN THE SUN	1962
19630031554	INVESTIGATION OF THE COMPOSITION OF TEKTITES 2. MOLDAVITES	1962
19630031555	THE VIBRATING CAPACITOR, THEORY AND APPLICATION	1962
19630031562	NASA SYSTEM DESIGN AND RESEARCH BIMONTHLY PROGRESS REPORT, 1 JUNE-31 JULY 1962	1962
19630031563	NASA SYSTEM DESIGN AND RESEARCH BIMONTHLY PROGRESS REPORT 1 OCTOBER-30 NOVEMBER 1962	1962
19630031565	A LOOK AT LASERS FROM THE RADAR AND COMMUNICATION ENGINEER'S VIEWPOINT	1962
19630031566	INFRARED PULSED AND CW RANGE RADAR	1962
19630031570	SEMI-ANNUAL PROGRAM PROGRESS REPORT <FOR THE SIX-MONTH PERIOD ENDING DECEMBER 13, 1962<	1962
19630031571	SITE DATA PROCESSOR - INPUT BUFFER	1962
19630031574	MINUTEMAN GUIDANCE AND CONTROL EQUIPMENT RESEARCH AND DEVELOPMENT PROGRAM	1962
19630031575	AN OPTIMAL LINEAR FEEDBACK GUIDANCE SCHEME	1962
19630031578	EVALUATION OF SOLID PROPELLANTS AND SOLID-PROPELLANT SYSTEMS FOR SPACE APPLICATION FIFTH QUARTERLY REPORT	1962
19630031581	THE EFFECT OF TEST SECTION PARAMETERS ON SATURATION POOL BOILING BURNOUT AT ATMOSPHERIC PRESSURE	1962
19630031583	EXPERIMENTATION AND EVALUATION OF DIGITAL GROUND/AIR/GROUND COMMUNICATION SYSTEMS THIRD INTERIM REPORT	1962
19630031584	TEST AND EVALUATION OF TAXIING AND ROUTING OF AIRCRAFT COORDINATION EQUIPMENT /TRACE/ FINAL REPORT	1962
19630031585	FEASIBILITY FOR RESEARCH APPLICATION OF VISUAL ATTACHMENTS FOR DYNAMIC FLIGHT SIMULATORS. REPORT NO. 1- STATE-OF-THE-ART SURVEY OF THE VISUAL SIMULATION INDUSTRY	1962
19630031586	DEVELOPMENT AND QUALIFICATION OF REMOVER, AIRCRAFT CANOPY, T19E2 <FINAL< TECHNICAL DOCUMENTARY REPORT <JUNE 1957-MAR. 1961<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031587	A SUMMARY OF THE BASIC FACTORS IN THE FORMATION AND STABILITY OF NON-SOAP GREASE GELS AND OTHER DISPERSIONS <FINAL< REPORT	1962
19630031593	A SIMPLE FAST RESPONSE ANEMOMETER	1962
19630031594	SOLAR ABSORPTANCE AND TOTAL HEMISPHERICAL EMITTANCE OF SURFACES FOR SOLAR ENERGY COLLECTION <FINAL< TECHNICAL DOCUMENTARY REPORT <OCT. 1, 1959-OCT. 1, 1961<	1962
19630031596	LITHIUM HYDRIDE AS A THERMAL ENERGY STORAGE MATERIAL	1962
19630031597	AERODYNAMIC FACTORS TO BE CONSIDERED IN THE DESIGN OF TILT-WING V/STOL AIRPLANES	1962
19630031598	EXHAUST JET - DUST LAYER INTERACTION DURING A LUNAR LANDING	1962
19630031599	ADSORPTION PHENOMENA ON IONIC ADSORBENTS. ADSORPTION OF WATER VAPOUR ON IONIC CRYSTALS- DIELECTRIC PROPERTIES FINAL REPORT	1962
19630031602	STUDY AND DEVELOPMENT OF AN ELECTRIC SIDE STICK CONTROLLER FOR AEROSPACE VEHICLES <FINAL REPORT, JULY 1960-JULY 1961<	1962
19630031603	MERCURY-ARC OSCILLATOR	1962
19630031604	NOTCH RESISTANCE & FRACTURE TOUGHNESS CHARACTERISTICS OF HIGH STRENGTH METALS FIRST QUARTERLY PROGRESS REPORT <APR. 1 TO 30 JUNE 1962<	1962
19630031605	SCREENING TEST PROGRAM FOR EVALUATION OF THE STRESS CORROSION SUSCEPTIBILITY OF ALLOYS UNDER CONSIDERATION FOR APPLICATION AS SKIN MATERIAL FIRST QUARTERLY PROGRESS REPORT <APRIL 1 TO JUNE 30, 1962<	1962
19630031606	A SUMMARY ON THE INFLUENCE OF SUSTAINED ACCELERATION ON PILOT PERFORMANCE AND PILOT PHYSIOLOGY	1962
19630031612	LIFTING SURFACES IN RAREFIED HYPERSONIC AIRFLOW, PART I- THE EFFECTS OF BLUNTNESS AND ANGLE OF ATTACK ON THE FLOW OVER A FLAT PLATE	1962
19630031614	THERMAL EFFECTS OF SHOCKWAVE TURBULENT BOUNDARY LAYER INTERACTION AT MACH NUMBERS 3 AND 5	1962
19630031616	SOME EXPERIMENTAL RESULTS FOR A SEQUENTIAL DECODING ALGORITHM APPLIED TO AN ASYMMETRIC CHANNEL B	1962
19630031619	EVALUATION OF THE H-21C, HU-1A, AND H-34C EQUIPPED WITH XM-153 ARMAMENT KIT <FINAL REPORT<	1962
19630031624	INVESTIGATION OF HIGH SPEED IMPACT PHENOMENA INTERIM TECHNICAL REPORT	1962
19630031625	INTERMEDIATE GRAIN DESIGN AND THE ACP 564B INTERIOR BALLISTICS COMPUTER PROGRAM	1962
19630031630	INVESTIGATION OF TECHNIQUES FOR MINIMIZING FIRES IN ELECTRICAL WIRING <ENGINEERING REPORT<	1962
19630031634	J-2 SPACE MAINTENANCE - PRELIMINARY STUDY <JUNE 18-22, 1962<	1962
19630031635	TRANSITION REVERSAL AND TOLLMIE-SCHLICHTING INSTABILITY	1962
19630031636	EXPLORER X MAGNETIC FIELD MEASUREMENTS	1962
19630031637	POWER SUPPLIES FOR SUPERCONDUCTING SYSTEMS	1962
19630031638	THE SPECTROPHOTOMETRY OF SOLUTIONS OF CYCLOHEXANE IN THE INFRARED REGION	1962
19630031642	THE APPEARANCE OF A RAPIDLY MOVING OBJECT	1962
19630031644	THE EFFECT OF HYPERTHERMIA ON PERIPHERAL DARK ADAPTATION <FINAL REPORT, JAN. 1961 TO APR. 1962<	1962
19630031645	SOLID FILM LUBRICANT-BINDER PHENOMENA- CLEAVABLE MINERAL AND HALOGENATED GLASS SYSTEMS <INTERIM REPORT, 1 APRIL 1962 TO 31 OCTOBER 1962<	1962
19630031646	ENGINE CYCLE STUDY PROGRAM. COMMERCIAL SUPERSONIC TRANSPORT PROGRAM FIRST QUARTERLY PROGRESS REPORT, 9 MAY THROUGH 9 JULY 1962	1962
19630031648	METALLURGICAL AND CORROSION INVESTIGATIONS OF AIRCRAFT ALLOYS QUARTERLY PROGRESS REPORT FOR THE PERIOD JULY 1 TO SEPTEMBER 30, 1962	1962
19630031649	INLET-EXHAUST-THRUST REVERSER PROGRAM FOR THE COMMERCIAL SUPERSONIC TRANSPORT FIRST QUARTERLY TECHNICAL REPORT <1 JUNE THROUGH 1 SEPTEMBER 1962<	1962
19630031651	DESIGN AND RELIABILITY STUDY FOR A-C GENERATORS AND CONTROLS FINAL REPORT <MARCH 1960-APRIL 1961<	1962
19630031652	CZECHOSLOVAK REPORT ON MODERN HYDROGEN THYROTRONS	1962
19630031653	IN-HOUSE LABORATORY INITIATED R & D SECOND QUARTER PROGRESS REPORT FOR FY 63	1962
19630031654	DEVELOPMENT OF HIGH-STRENGTH ELEVATED-TEMPERATURE CORROSIONRESISTANT STEEL THIRD QUARTERLY PROGRESS REPORT <JULY 31- OCTOBER 15, 1962	1962
19630031657	PROBLEM OF TRANSMISSION IN INTERSTELLAR COMMUNICATION	1962
19630031662	SOME OPTIMUM CONDITIONS FOR THE LUBRICATION OF GEAR TEETH	1962
19630031664	REACTION RATES OF ATOMIC OXYGEN WITH HYDROGEN, AMMONIA, AND METHANE	1962
19630031665	A PRELIMINARY EVALUATION OF TUNGSTEN PREPARED BY ELECTRON BEAM MELTING AND EXTRUSION	1962
19630031667	VARIATION OF SOME PROPERTIES OF TANTALUM CARBIDE WITH CARBON CONTENT GILBERT SANTORO NOV. 1962	1962
19630031672	STATISTICAL DECISION THEORY. AN INTRODUCTORY FORMULATION FOR COMMUNICATION THEORY	1962
19630031673	SEQUENTIAL DETECTION	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031674	AXIS-CROSSING INTERVALS OF RANDOM PROCESSES	1962
19630031675	PROBLEMS IN PATTERN RECOGNITION	1962
19630031676	ECHOLOCATION IN BATS WITH SPECIAL REFERENCE TO RESISTANCE TO JAMMING	1962
19630031678	PROGRESS WITH TUNNEL DIODES	1962
19630031679	PRESENT STATUS OF LOW-NOISE TRAVELING-WAVE TUBES AND FUTURE POSSIBILITIES	1962
19630031680	A REVIEW OF USAF ANTENNA REQUIREMENTS	1962
19630031681	A SURVEY OF VERY WIDE BAND AND FREQUENCY-INDEPENDENT ANTENNAS	1962
19630031682	NOISE PERFORMANCE AND GAIN OF ANTENNAFIERS AND ANTENNAVERTERS	1962
19630031687	REVIEW OF REQUIREMENTS AND PERFORMANCE OF LABORATORY EXPERIMENTS IN NUCLEAR WEAPON INDUCED CHEMILUMINESCENT REACTIONS	1962
19630031691	Martin Lunar Landing Studies: Structures and Materials	1962
19630031693	Martin Lunar Landing Studies: Reliability	1962
19630031694	Martin Lunar Landing Studies: Radiation Exposure Analysis	1962
19630031695	Martin Lunar Landing Studies: Launch Vehicle	1962
19630031696	[No Title]	1962
19630031697	[No Title]	1962
19630031712	PROPAGATION IN ARBITRARILY MAGNETIZED FERRITES BETWEEN TWO CONDUCTING PARALLEL PLANES	1962
19630031713	ELECTROMAGNETIC RADIATION IN DRIFTING TELLEGEN ANISOTROPIC MEDIUM	1962
19630031714	LOW ENERGY BREMSSTRAHLUNG CROSS-SECTIONS FOR A NITROGEN PLASMA	1962
19630031715	STAGNATION REGION PLASMA PROPERTIES INCLUDING SOME NONUNIFORM EFFECTS	1962
19630031716	ION SHEATH RESEARCH FINAL ENGINEERING REPORT, 1 NOV. 1961 - 31 OCT. 1962 DEC. 31, 1962	1962
19630031717	GRAVITATIONAL RADIATION	1962
19630031719	STUDY ON THE EFFECT OF TEMPERATURE CYCLING ON HIGH EXPLOSIVES	1962
19630031722	THE STRUCTURAL INTEGRATION OF AN EXPENDABLE HEAT SINK FOR HYPERSONIC GLIDE VEHICLES <FINAL REPORT>	1962
19630031723	/OPTICAL MASER/ BEAM FUSION WELDING INTERIM ENGINEERING PROGRESS REPORT 15 JULY 1962-15 OCTOBER 1962	1962
19630031724	APOLLO GUIDANCE AND NAVIGATION. INERTIAL ORIENTATION OF THE MOON	1962
19630031726	RESEARCH AND DEVELOPMENT ON HIGH-PRESSURE-HIGH-TEMPERATURE METALLURGY PROGRESS REPORT NO. 1, FEB. 8 - APR. 30, 1962	1962
19630031727	REPORT ON PROJECT DELTA, LAUNCHED SEPTEMBER 18, 1962	1962
19630031728	COST-QUANTITY CALCULATOR	1962
19630031732	AN ALTITUDE INVESTIGATION OF A SOLID-PROPELLANT MOTOR THRUST VECTOR CONTROL SYSTEM USING FREON INJECTION	1962
19630031733	INVESTIGATION OF PREMATURE EXPLOSIONS OF ELECTROEXPLOSIVE DEVICES AND SYSTEMS BY ELECTROMAGNETIC RADIATION ENERGY. VOLUME I - SURVEY, ANALYSIS, AND DOCUMENTATION /U/ FINAL REPORT, JUNE 29, 1961 - MAR. 29, 1962	1962
19630031735	[No Title]	1962
19630031737	WEAPON SYSTEM 133A- CONTINUING DEVELOPMENT OF STAGE 1 MINUTEMAN MOTORS /U/ PROGRAM PROGRESS <REPORT>, 1 OCT. THROUGH 31 DEC. 1962	1962
19630031742	FIBER-REINFORCED STRUCTURAL COMPOSITES SIXTH QUARTERLY REPORT FOR THE PERIOD 15 JUNE TO 15 NOVEMBER 1962	1962
19630031743	A THEORETICAL ANALYSIS OF A CONSTANT BASE PRESSURE LIGHT GAS GUN	1962
19630031744	SOME RECENT DEVELOPMENTS IN PROJECTILE LAUNCHING TECHNIQUES AT CARDE	1962
19630031748	DEVELOPMENT AND QUALIFICATION OF REMOVER, AIRCRAFT CANOPY, T18E1 <FINAL REPORT>	1962
19630031750	THE RAMP FEED FOR THE WIRE-GRID LENS ANTENNA	1962
19630031762	THE DETERMINATION OF ANTENNA PARAMETERS BY SCATTERING CROSSSECTION MEASUREMENTS. II - ANTENNA GAIN	1962
19630031768	MANUAL FOR PORT CANAVERAL USERS	1962
19630031769	TRACE RELATIONS FOR TENSORS RELATING ELECTRIC FIELDS AND ELASTIC STRAINS TO NUCLEAR QUADRUPOLE EFFECTS	1962
19630031770	THERMAL DIFFUSE SCATTERING CORRECTIONS TO INTEGRATED INTENSITIES	1962
19630031771	COMPARISON OF ELECTRON-MICROSCOPE OBSERVATIONS IN NEUTRONIRRADIATED COPPER AND GOLD	1962
19630031772	VIBRATIONAL AMPLITUDES IN GERMANIUM AND SILICON	1962
19630031774	DEVELOPMENT OF HIGH TEMPERATURE SEAL-LUBRICANT DEPOSIT EVALUATION TECHNIQUES <INTERIM REPORT, MAR. 1, 1961 TO JAN. 31, 1962>	1962
19630031780	HIGH CHAMBER PRESSURE ROCKETRY PROGRAM /U/ <FIRST> QUARTERLY PROGRESS REPORT <MAY 1, 1962 JULY - 31, 1962>	1962
19630031781	[No Title]	1962
19630031783	OPTICAL-MASER AND COHERENT-PLASMA STUDIES FINAL REPORT	1962
19630031785	DHC-T4 PHASE II AIRCRAFT. FLUTTER MODEL TESTS	1962
19630031786	LUNAR LANDING MODULE TECHNICAL BRIEFING	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031787	[No Title]	1962
19630031788	REPORT ON FLIGHT EVALUATION OF THE RYAN ELECTRONICS RYANAV IVA DOPPLER NAVIGATION SYSTEM IN A HUS-1A HELICOPTER	1962
19630031789	RADIATION FROM ROCKET ENGINE EXHAUST GASES. I - RELATION FOR EFFECTIVE EMISSIVITY BASED ON A "GRAY GAS" ASSUMPTION FIFTH QUARTERLY PROGRESS REPORT FOR THE PERIOD JANUARY 24, 1962 TO APRIL 23, 1962	1962
19630031790	RADIATION FROM ROCKET ENGINE EXHAUST GASES. II - APPARENT EMISSIVITIES OF A SEMI-INFINITE CYLINDRICAL GAS BODY SEVENTH QUARTERLY PROGRESS REPORT, JULY 24, 1962 TO OCTOBER 23, 1962	1962
19630031791	THE SNAP CRITICAL ASSEMBLY-4B /SCA-4B/ WATER IMMERSION SUMMARY HAZARDS REPORT AND OPERATIONS MANUAL	1962
19630031792	OPTICAL LUNAR TRACKING TECHNIQUES PROGRAM INTERIM ENGINEERING REPORT NO. 3, NOV. 1, 1961 - JAN. 31, 1962	1962
19630031793	AERODYNAMIC FORCES AND HEATING IN FREE MOLECULE FLOW <FINAL REPORT<	1962
19630031794	INVESTIGATION TO DETERMINE THE FEASIBILITY OF USING INFLATABLE BALLOON TYPE DRAG DEVICES FOR RECOVERY APPLICATIONS IN THE TRANSONIC, SUPERSONIC, AND HYPERSONIC FLIGHT REGIME. PART I - FUNCTIONAL AND PERFORMANCE DEMONSTRATION <FINAL REPORT<	1962
19630031795	INVESTIGATION TO DETERMINE THE FEASIBILITY OF USING INFLATABLE BALLOON TYPE DRAG DEVICES FOR RECOVERY APPLICATIONS IN THE TRANSONIC, SUPERSONIC, AND HYPERSONIC FLIGHT REGIME. PART II - MACH 4 TO MACH 10 FEASIBILITY INVESTIGATION	1962
19630031796	RESEARCH ON HIGH TEMPERATURE ADDITIVES FOR LUBRICANTS QUARTERLY REPORT NO. 5, MAY 15, 1962 TO AUG. 15, 1962	1962
19630031803	CARDE PROCESSING FACILITIES FOR BLACK BRANT III STATIC ROCKET ENGINES	1962
19630031804	DESIGN ASPECTS OF THE BLACK BRANT V ROCKET ENGINE	1962
19630031806	PROJECT FIRE- VELOCITY PACKAGE DESIGN STUDY FINAL SUMMARY REPORT	1962
19630031808	ASYMPTOTIC DISTRIBUTION OF FUNCTIONS OF A NORMAL RANDOM VARIABLE FINAL TECHNICAL REPORT	1962
19630031818	PILOT IN THE BOOSTER CONTROL LOOP STUDY, VOLUME I	1962
19630031819	PILOT IN THE BOOSTER CONTROL LOOP STUDY. VOLUME II- APPENDIX	1962
19630031820	STUDY OF AERODYNAMIC MASKING OF LACROSSE ALTITUDE SENSING DEVICE /U/ TECHNICAL MEMORANDUM <SEPT. 1961-MAR. 1962<	1962
19630031826	SATURN SA-1 FLIGHT EVALUATION	1962
19630031828	REVIEW OF CENTAUR THERMAL DESIGN	1962
19630031832	RELATIONSHIP BETWEEN DECOMPOSITION KINETICS AND SENSITIVITY /U/ SEMI-ANNUAL REPORT NO. 1, MAR. 15 TO SEPT. 15, 1962	1962
19630031834	APOLLO GUIDANCE AND NAVIGATION. EARTH ORBITAL RENDEZVOUS	1962
19630031837	National Aeronautics and Space Administration: The Long Range Plan	1962
19630031841	APOLLO GUIDANCE AND NAVIGATION. A PROGRESS REPORT ON THE APOLLO GUIDANCE SYSTEM	1962
19630031846	TEST RESULTS. PART I OF THE FIRING TEST REPORT, SATURN VEHICLE SA-2	1962
19630031872	THE LEADING-EDGE BUCKLING OF A THIN BUILT-UP WING DUE TO AERODYNAMIC HEATING	1962
19630031876	DEVELOPMENT TESTS ON A GAS VALVE FOR USE ON THE R.A.E. 6 IN. SHOCK TUBE AT PRESSURES UP TO 15,000 P.S.I	1962
19630031878	AERODYNAMIC ASPECTS OF BOUNDARY-LAYER CONTROL FOR HIGH LIFT AT LOW SPEEDS	1962
19630031883	THE EFFECT OF A UNIFORM EXTERNAL PRESSURE ON THE BOUNDARY OF THE GEOMAGNETIC FIELD IN A STEADY SOLAR WIND	1962
19630031884	THE HELMHOLTZ-KELVIN TIME SCALE FOR STARS OF VERY LOW MASS	1962
19630031885	MANNED LUNAR-LANDING MISSION	1962
19630031886	A STUDY OF THE SODIUM RESIDUE FROM A DILUTE SOLUTION OF SODIUM IN LIQUID AMMONIA	1962
19630031888	VARIATIONAL APPROACH TO THE CALCULATION OF CHARGE EXCHANGE CROSS SECTIONS FOR ADIABATIC COLLISIONS	1962
19630031889	OBSERVED TORQUE-PRODUCING FORCES ACTING ON SATELLITES	1962
19630031890	NON-GREY CONVECTIVE PLANETARY ATMOSPHERES	1962
19630031894	PROJECT WEST FORD AS POSSIBLE AFFECTED BY KNOWN MAGNETIC TORQUES ON SATELLITE ROTATION AND ATTITUDE	1962
19630031895	[No Title]	1962
19630031896	INVESTIGATION OF MONOPROPELLANT SYSTEM DESIGN, VOLUME 1 OF 2	1962
19630031897	INVESTIGATION OF MONOPROPELLANT SYSTEM DESIGN, VOLUME 2 /APPENDICES/	1962
19630031899	WEAPON SYSTEM 133A- PROGRAM PROGRESS, 1 JULY - 30 SEPT. 1962	1962
19630031903	[No Title]	1962
19630031908	PROJECT APOLLO GUIDANCE AND NAVIGATION PROGRAM /U/ QUARTERLY TECHNICAL PROGRESS REPORT, PERIOD ENDED MAR. 11, 1962	1962
19630031911	DEPARTMENT OF DEFENSE PROGRAM ON MATERIALS RESEARCH AND DEVELOPMENT. VOLUME II- REPORTS OF TECHNICAL REVIEW COMMITTEES 2, 3, 5, 6 AND 7, 1961 - 1962 DEC. 31, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031912	REPORT OF COMMITTEE 2 ON METALLIC MATERIALS	1962
19630031913	REPORT OF COMMITTEE 3 ON ORGANIC MATERIALS	1962
19630031914	REPORT OF COMMITTEE 5 ON FUNDAMENTAL ASPECTS OF MATERIALS RESEARCH	1962
19630031915	REPORT OF COMMITTEE 6 <ON< FABRICATION AND PROCESSING	1962
19630031916	REPORT OF COMMITTEE 7 ON EVALUATION OF MATERIALS	1962
19630031918	A SURVEY OF THE POLYMORPHIC FORMS OF HMX AND RDX	1962
19630031922	ALTITUDE TESTING OF HERCULES POWDER COMPANY BE-3 ROCKET MOTORS, PHASE I	1962
19630031923	ALTITUDE PERFORMANCE EVALUATION OF THE AEROJET XLR91-AJ-5 ENGINE, PHASE II	1962
19630031924	ALTITUDE TEST OF A HERCULES WING I QUALIFICATION XM-57 THIRD STAGE MINUTEMAN MOTOR /MOTOR SERIAL NUMBER BI-4-9/	1962
19630031928	SYNTHESIS AND CHARACTERIZATION OF HIGH ENERGY COMPOUNDS FOR SOLID PROPELLANT APPLICATIONS /U/ FINAL SUMMARY REPORT <APR. 25, 1959-FEB. 2, 1962<	1962
19630031931	STUDIES ON THE THERMAL DEGRADATION OF THE AEROJET RESIN	1962
19630031936	REPORT OF THE MATERIALS ADVISORY BOARD AD HOC PANEL ON THE MANUFACTURE OF ADVANCED ELECTRONIC COMPONENTS	1962
19630031945	AN ASSESSMENT OF MANUFACTURING METHODS DEVELOPMENT REQUIREMENTS IN MASERS AND LASERS	1962
19630031947	MARIETTA PROPERTIES OF VAPOR BARRIERS, ADHESIVES AND FOAMS AT CRYOGENIC AND ELEVATED TEMPERATURES	1962
19630031948	A REFLECTOMETER EXPERIMENT AT S-BAND FOR RE-ENTRY VEHICLES	1962
19630031949	INVESTIGATION OF ZEOLITE MEMBRANE ELECTROLYTES FOR FUEL CELLS QUARTERLY PROGRESS REPORT FOR PERIOD ENDING DEC. 18, 1962	1962
19630031950	RESEARCH AND DEVELOPMENT OF AN OPEN-CYCLE FUEL CELL SYSTEM FIRST QUARTERLY REPORT, 14 MAY-30 SEPT. 1962	1962
19630031951	SURVEY OF SEALED BATTERIES FOR SPACECRAFT FINAL REPORT	1962
19630031962	ALTITUDE EVALUATION OF PROPELLANTS WITH VARIATIONS OF HMX AND ALUMINUM CONTENT USING HERCULES FPC ROCKET MOTORS	1962
19630031964	ALTITUDE TEST OF A HERCULES XM-57 THIRD STAGE MINUTEMAN MOTOR /FLIGHT TEST MOTOR SPARE 2/	1962
19630031965	MISSION ANALYSIS AND DESIGN STUDY FOR A LIQUID-PROPELLANT PROPULSION SYSTEM FOR A MANEUVERING SATELLITE. VOL. III PROPULSION SYSTEM DESIGN	1962
19630031966	ALTITUDE TESTING OF HERCULES POWDER COMPANY BE-3 ROCKET MOTORS /PHASE II - QUALIFICATION AND ACCEPTANCE TESTING/	1962
19630031967	SIMULATED ALTITUDE TESTING OF THE THIOKOL TE-344 RETRO-ROCKET MOTORS /QUALIFICATION PHASE - PART I/	1962
19630031970	EXPERIMENTS ON A DELTA WING WITH JET-ASSISTED LIFT	1962
19630031974	REPORT ON ACTIVITIES AT THE NASA, LEWIS RESEARCH CENTER, CLEVELAND, OHIO FROM 1 OCT. 1962 TO 15 NOV. 1962	1962
19630031980	THE CALCULATION OF COLLISION INTEGRALS FROM A GENERALIZED INTERMOLECULAR POTENTIAL	1962
19630032006	[No Title]	1962
19630032007	[No Title]	1962
19630032008	[No Title]	1962
19630032014	[No Title]	1962
19630032017	[No Title]	1962
19630032019	[No Title]	1962
19630032020	[No Title]	1962
19630032022	[No Title]	1962
19630032026	[No Title]	1962
19630032027	CURRENT INVESTIGATIONS OF THE MECHANICAL BEHAVIOR OF SOLID PROPELLANTS	1962
19630032028	[No Title]	1962
19630032029	[No Title]	1962
19630032031	[No Title]	1962
19630032033	THE EVOLUTION OF ARTIFICIAL EARTH SATELLITE ORBITS UNDER THE GRAVITATIONAL PERTURBANCE OF EXTERNAL BODIES	1962
19630032034	THE INFLUENCE OF THE MOON'S AND SUN'S GRAVITATIONAL FIELD UPON THE MOVEMENT OF AN ARTIFICIAL EARTH SATELLITE	1962
19630032035	CONCERNING THE PRACTICALLY CIRCULAR ORBITS OF AN ARTIFICIAL EARTH SATELLITE	1962
19630032036	THE GENERAL SOLUTION OF PROBLEMS CONCERNING THE MOVEMENT OF ARTIFICIAL EARTH SATELLITES IN THE NORMAL GRAVITATION FIELD OF THE EARTH	1962
19630032037	CONCERNING THE FORMATION OF MOLECULAR IONS IN THE UPPER ATMOSPHERE	1962
19630032038	CONCERNING THE MECHANISM OF EXCITATION OF THE RED LINE OF OXYGEN IN THE GLOW OF THE NIGHT SKY	1962
19630032039	CONCERNING THE SPATIAL DISPOSITION OF THE EARTH'S OUTER RADIATION BELT AND THE ZONE OF POLAR AURORAE	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032040	THE MEASUREMENT OF THE INTENSITY OF CHARGED PARTICLES AFTER THE CHROMOSPHERIC FLARE OF 7 JULY 1958	1962
19630032041	RESEARCH ON THE NUCLEAR COMPONENTS OF COSMIC RAYS BY THE THIRD COSMIC ROCKET	1962
19630032042	DETECTION OF RADIATION ANOMALIES ABOVE THE SOUTHERN PART OF THE ATLANTIC OCEAN AT ALTITUDES OF 310-340 KM	1962
19630032043	STUDY OF A DRAG BRAKE SATELLITE RECOVERY SYSTEM, VOLUME II	1962
19630032044	AN ANNOTATED BIBLIOGRAPHY OF AUTOMATIC CHECKOUT FOR WEAPON SYSTEMS AND ASTRONAUTS <FINAL REPORT>	1962
19630032047	REPORT OF AN EVALUATION OF DELCO-REMY DESIGN OF SEALED, SECONDARY, SILVER-ZINC ELECTROLYTIC CELLS FOR HEAT STERILIZATION <JUNE 10 - OCT. 15, 1962<	1962
19630032048	Evaluation of Delco-Remy Design Sealed, Secondary, Silver-Zinc Electrolytic Cells for Heat Sterilization	1962
19630032050	LUNAR SURVEY AND NAVIGATION	1962
19630032051	A HIGH-SPEED DATA LINK FOR FAR SIDE LUNAR COMMUNICATION	1962
19630032052	A LUNAR BASE TO EARTH COMMUNICATIONS SYSTEM	1962
19630032053	SOME CONSIDERATIONS FOR A LUNAR BASED SURVEILLANCE SYSTEM	1962
19630032055	THE DESIGN OF MICHELL OPTIMUM STRUCTURES	1962
19630032056	NOTES ON VELOCITY DETERMINATION FOR THE S.L.V. TECHNICAL NOTE	1962
19630032061	A TECHNIQUE FOR THE DIRECT MEASUREMENTS OF VELOCITY IN HYPERVELOCITY FLOWS USING MAGNETOHYDRODYNAMIC PRINCIPLES /TASK 3.3 - SHOCK TUBE EXPERIMENTS - REST PROGRAM/	1962
19630032069	AIRBORNE TERRAIN AND OBSTACLE AVOIDANCE	1962
19630032078	CHEMISTRY RESEARCH	1962
19630032079	DEVELOPMENT OF COOLING SYSTEM FOR SOLID ROCKET NOZZLES	1962
19630032080	SYNTHESIS OF COMPOUNDS FOR STRUCTURE-SENSITIVITY STUDY	1962
19630032085	HIGH-ENERGY STORABLE LIQUID PROPELLANT SYSTEM /U/ SECOND QUARTERLY PROGRESS REPORT, FOR PERIOD FROM 15 JULY 1962 TO 15 OCT. 1962	1962
19630032088	FINAL ENGINEERING REPORT FOR TELEMETRY TRACKER /MODEL 21/	1962
19630032090	INVESTIGATION OF THE USE OF ELECTROMAGNETIC REFLECTION TECHNIQUES FOR AIR DATA MEASUREMENTS AT HYPERSONIC VELOCITIES <INTERIM REPORT, DEC. 1960-JAN. 1962<	1962
19630032091	A SOLUTION OF THE LAMINAR COMPRESSIBLE BOUNDARY LAYER WITH DISCRETE INJECTION FOR AIR IN CHEMICAL EQUILIBRIUM /HYPERSONIC AERODYNAMICS PROJECT - ARS PROGRAM/	1962
19630032094	OPTICAL SOUNDING TECHNICAL REPORT NO. 2, COVERING PERIOD 1 APR. 1962 TO 30 JUNE 1962	1962
19630032095	REFRACTORY METALS STRUCTURAL DEVELOPMENT PROGRAM. VOLUME III DESIGN, FABRICATION, AND TESTING EVALUATION <FINAL REPORT>	1962
19630032096	NON-EQUILIBRIUM IONIZATION EFFECTS IN A MAGNET DIFFUSER QUARTERLY REPORT NO. 2, APR. 1, 1962 TO JUNE 30, 1962	1962
19630032098	GRAVITATIONAL RADIATION BY HIGH SPEED ROTORS FINAL REPORT <SEPT. 1958-APR. 1962<	1962
19630032100	INTERCEPT SYSTEM DYNAMIC RANGE ENHANCEMENT SECOND TECHNICAL NOTE	1962
19630032101	DEVELOPMENT OF SPACE-CHARGE DOMINATED DISCHARGES BETWEEN ELECTRODES	1962
19630032102	CRASH INJURY INVESTIGATION- U.S. ARMY HU-1A BELL IROQUOIS HELICOPTER ACCIDENT, FORT CARSON, COLORADO, 7 MAY 1962	1962
19630032104	INVESTIGATION AND STUDY OF PROPAGATION IN AND PROPERTIES OF NON-UNIFORM PLASMAS FINAL REPORT	1962
19630032105	SOLID STATE ANALOG SWITCHING MATRIX FOR ELECTRO-LUMINESCENT DISPLAY FINAL REPORT <MAR. 14, 1961 - SEPT. 29, 1962<	1962
19630032107	STUDY OF SOLID PROPELLANT SYSTEMS FOR SPACE PROPULSION VOLUME III - PHASE II /FINAL REPORT/, MAR. 12 - SEPT. 12, 1962	1962
19630032108	STUDY OF SOLID PROPELLANT SYSTEMS FOR SPACE PROPULSION, VOLUME IV - APPENDICES <FINAL REPORT> MAR. 12 - DEC. 12, 1962	1962
19630032109	MISSION ANALYSIS FOR SPACE VEHICLES MANUAL OF OPERATIONS FOR THE LOW-THRUST PROGRAM TECHNICAL REPORT <APR. 1960-AUG. 1961<	1962
19630032114	RESEARCH ON HIGH TEMPERATURE ADDITIVES FOR LUBRICANTS <INTERIM REPORT, JAN. 15, 1962-NOV. 15, 1962<	1962
19630032125	DELTA MONTHLY TECHNICAL PROGRESS REPORT, ISSUE NO. 43	1962
19630032129	STUDY OF SOLID PROPELLANT SYSTEMS FOR SPACE PROPULSION. VOLUME - INTRODUCTION, SUMMARY, AND CONCLUSIONS FINAL REPORT, 12 MAR. TO 12 SEPT. 1962	1962
19630032136	SIMULATED ALTITUDE TESTING OF THE THIOKOL TE-344 RETRO-ROCKET MOTORS /QUALIFICATION PHASE - PART II/	1962
19630032137	ALTITUDE INVESTIGATION OF A LOCKHEED MG-18 SOLID-PROPELLANT ROCKET MOTOR /U/ TECHNICAL DOCUMENTARY REPORT <MAR. 22-ARR. 4., 1962<	1962
19630032140	RESEARCH IN CHEMISTRY /U/ QUARTERLY PROGRESS REPORT, JAN.-MAR., 1962	1962
19630032149	SIMULATED ALTITUDE TESTING OF HPC-ABL X-259 SOLID-PROPELLANT ROCKET MOTORS FOR THE NASA SCOUT /PHASE I - FLIGHT ROUNDS/	1962
19630032151	THE RETORC II-ALPHA III CELLULAR SANDWICH SHELL	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032154	SIMULATED ALTITUDE TESTS OF TWO THIOKOL TE-359 SOLID-PROPELLANT SURVEYOR RETROGRADE ROCKET MOTORS	1962
19630032158	SIMULTANEOUSLY SCANNED ANTENNA SYSTEMS. FINAL REPORT	1962
19630032159	CATEGORY II ADVERSE WEATHER TEST OF THE F-104G AIRCRAFT	1962
19630032163	INVESTIGATION OF ORGANIC SEMICONDUCTORS <FINAL REPORT, MAY 15, 1961 - APR. 14, 1962<	1962
19630032166	EVALUATION OF MC ELROY TYPE MC-ARR-3 AUDIO RING RADIATOR FINAL REPORT	1962
19630032210	STUDY AND INVESTIGATION OF DERIVATION OF PRELIMINARY GUIDANCE SUBSYSTEMS DESIGN	1962
19630032212	ARPA SOLID PROPELLANT RESEARCH PROGRAM /U/ QUARTERLY PROGRESS REPORT, JANUARY-MARCH 1962	1962
19630032213	POLARIS PROGRAMS - MANUFACTURE OF NITROPLASTICIZERS- SAFETY STUDIES INFORMAL REPORT	1962
19630032214	INVESTIGATION OF ABLATIVE-NOZZLE CONCEPTS /U/ SECOND QUARTERLY TECHNICAL REPORT FOR PERIOD ENDING JAN. 31, 1962	1962
19630032215	DEVELOPMENT AND QUALIFICATION OF THRUSTER, CARTRIDGE ACTUATED, XM16 <FINAL REPORT, OCT. 1959 - JUNE 30, 1960<	1962
19630032217	ON THE CHARACTERISTICS OF DISTANT COMETS TECHNICAL REPORT	1962
19630032220	THE PREDICTION OF INCREMENTAL FRICTION FACTORS BY THE USE OF A MODIFIED LOCKHART-MARTINELLI METHOD PROJECT NOTE NASA NO. 1	1962
19630032221	THE EFFECT OF TUBE WALL CURVATURE ON THE DETERMINATION OF THE AVERAGE VELOCITY IN THE DEVELOPING ANNULAR LIQUID LAYER NEAR THE TUBE MOUTH PROJECT NOTE NASA NO. 2	1962
19630032222	DERIVATION OF AN EQUATION OF EQUAL VELOCITY PRESSURES AT THE INTERFACE BETWEEN AN ANNULAR LIQUID LAYER AND A HIGH VELOCITY COMPRESSIBLE VAPOR PROJECT NOTE NASA NO. 3	1962
19630032223	AN ANALYSIS OF FLOW MEASUREMENTS WITH A PITOT PRESSURE PROBE FOR SATURATED STEAM FLOWING SUPERSONICALLY IN SMALL TUBES PROJECT NOTE NASA NO. 4	1962
19630032225	SUPERSONIC WIND TUNNEL TESTS ON CONFIGURATIONS OF FORWARD VEHICLE AJ60-87T OF A PROPOSED GUIDANCE TEST SLED ASSEMBLY	1962
19630032226	TESTS OF H. KOCH AND SONS, INC., PARACHUTE HARDWARE <FINAL REPORT<	1962
19630032227	CATEGORY II LOW TEMPERATURE EVALUATION OF A T-39A AIRCRAFT IN THE ARCTIC AND CLIMATIC LABORATORY <FINAL REPORT<	1962
19630032239	RESEARCH AND DEVELOPMENT OF AN ADVANCED POLARIS PROPELLANT, 1 NOVEMBER 1961 THROUGH 31 JANUARY 1962	1962
19630032245	ELECTRON DENSITY IN THE EXHAUST OF THE ZEUS SECOND STAGE ENGINE FROM RF ATTENUATION MEASUREMENTS	1962
19630032246	[No Title]	1962
19630032252	CRITICAL COMPARISON OF THE MATCHED CONIC AND THE TWO FIXED CENTER PROBLEM AS MODEL LUNAR TRAJECTORIES THIRD QUARTERLY PROGRESS REPORT <FEB. 1 - APR. 30, 1962<	1962
19630032256	THE APPLICATION OF THE TWO FIXED CENTER PROBLEM TO LUNAR TRAJECTORIES SECOND QUARTERLY PROGRESS REPORT <NOV. 1, 1961 - JAN. 31, 1962<	1962
19630032257	ANALYTICAL INVESTIGATION OF RECIRCULATION AND STATIC COOLDOWN SCHEMES FOR THE RL10A-3 FUEL PUMP	1962
19630032261	AN APPRAISAL OF ADVANCED ELECTRIC SPACE POWER SYSTEMS	1962
19630032262	COMPARATIVE EVALUATION OF HELICOPTER GROUND VELOCITY SENSORS	1962
19630032263	RESEARCH AND APPLICATION ENGINEERING TO DETERMINE THE EFFECT OF PROCESSING VARIABLES ON CRACK PROPAGATION OF HIGH-STRENGTH STEELS AND TITANIUM	1962
19630032264	THEORETICAL AND EXPERIMENTAL ANALYSIS OF THE ELECTROMAGNETIC SCATTERING AND RADIATIVE PROPERTIES OF TERRAIN, WITH EMPHASIS ON LUNAR-LIKE SURFACES ANNUAL SUMMARY REPORT	1962
19630032267	LARGE PLASTIC ROCKET MOTOR CASES INTERIM TECHNICAL PROGRESS REPORT, 1 JULY THROUGH 30 SEPT. 1962	1962
19630032268	INSTRUMENTATION OPERATIONS ANALYSIS- ATLAS-AGENA VEHICLE RA-5	1962
19630032278	NUCLEAR ROCKET STAGE - STATIC TEST FACILITIES - NUCLEAR OPERATIONS CONSULTATION SEPT. 19, 1962	1962
19630032282	STRIPLAP METHOD OF ROCKET MOTOR CASE FABRICATION INTERIM TECHNICAL ENGINEERING REPORT, 7 JUNE THROUGH 6 SEPT. 1962	1962
19630032283	EXPERIMENTAL TUNNEL-DIODE CONVERTER FOR CONVERSION OF X-BAND FREQUENCIES TO UHF	1962
19630032286	INVESTIGATION OF THE ORBITAL TRACKING OF A GEOSTATIONARY SATELLITE. VOLUME II OF II-NUMERICAL AND GRAPHICAL RESULTS	1962
19630032288	LUNAR SEISMOMETER CAPSULE STERILIZATION FINAL REPORT	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032289	ENERGY PROCESSES IN SHOCK WAVES. THE PLASMA PARAMETERS OF AN IRRADIATED SHOCK WAVE AND THEIR MEASUREMENT BY OPTICAL TECHNIQUES 1ST AND 2ND QUARTERLY TECHNICAL NOTE	1962
19630032290	FEASIBILITY DEMONSTRATION OF LARGE SEGMENTED SOLID PROPELLANT ROCKET MOTOR WITH DUAL TVC SYSTEM /U/ FINAL TEST REPORT JULY 31, 1962	1962
19630032291	STUDY OF REVERSE HYBRID PROPULSION SYSTEM /U/ FIRST QUARTERLY TECHNICAL SUMMARY REPORT, 1 OCT. THROUGH 31 DEC. 1962	1962
19630032297	AUTOMATIC CONTROL OF GAIN AND PHASE MARGIN	1962
19630032298	HALF SOMMERFELD APPROXIMATION FOR FINITE JOURNAL BEARINGS	1962
19630032303	ON THE ULTRAVIOLET CONTINUOUS SPECTRUM OF B-STARS	1962
19630032306	A REPORT ON THE FAILURE OF A HYDROSTATIC PRESSING VESSEL	1962
19630032308	A NEW METHOD OF MEASURING THE ELECTRICAL CONDUCTIVITY OF MOVING CONDUCTORS	1962
19630032314	BOOK REVIEW- ZDENEK KOPAL'S FIGURES OF EQUILIBRIUM OF CELESTIAL BODIES	1962
19630032316	<TIROS METEOROLOGICAL SYSTEM- PHOTOGRAPHIC, PHOTOGRAMMETRIC, AND CARTOGRAPHIC ASPECTS<	1962
19630032319	ASYMPTOTIC PERFORMANCE CHARACTERISTICS FOR THE ADAPTIVE COHERENT MULTIRECEIVER AND NONCOHERENT MULTIRECEIVER OPERATING THROUGH THE Rician FADING MULTICHANNEL	1962
19630032322	THE ROLE OF ELASTOHYDRODYNAMIC LUBRICATION IN ROLLING-CONTACT FATIGUE	1962
19630032327	DESIGN OF PRESSURE VESSELS FOR LOW-CYCLE FATIGUE	1962
19630032329	EXPERIMENTAL SUPPORT FOR GENERALIZED EQUATION PREDICTING LOW CYCLE FATIGUE	1962
19630032332	DIFLUORAMINE CHEMISTRY /U/ <ANNUAL SUMMARY REPORT< JAN. 1, 1962 TO DEC. 31, 1962	1962
19630032335	CENTAUR /U/ MONTHLY LETTER PROGRESS REPORT <APR. 15 - MAY 15, 1962<	1962
19630032345	PERSHING GROUP III ENGINE EVALUATION P-308 THROUGH P-322	1962
19630032351	SPACE SENSOR DEVELOPMENT /U/ <TECHNICAL PROGRESS REPORT<	1962
19630032353	RESEARCH ON REFRACTORY ALLOYS OF TUNGSTEN, TANTALUM, MOLYBDENUM, AND COLUMBIUM THIRD QUARTERLY PROGRESS REPORT <NOV. 1, 1961- JAN. 31, 1962<	1962
19630032354	RESEARCH AND APPLICATION ENGINEERING TO DETERMINE THE EFFECT OF PROCESSING VARIABLES ON CRACK PROPAGATION OF HIGH-STRENGTH STEELS AND TITANIUM FOURTH QUARTERLY PROGRESS REPORT <JAN. 15- APR. 15, 1962<	1962
19630032355	RESEARCH AND APPLICATION ENGINEERING TO DETERMINE THE EFFECT OF PROCESSING VARIABLES ON CRACK PROPAGATION OF HIGH-STRENGTH STEELS AND TITANIUM FIFTH QUARTERLY PROGRESS REPORT <APR. 15- JULY 15, 1962<	1962
19630032356	SYNTHESIS OF FIBER REINFORCED INORGANIC LAMINATES FINAL REPORT, APR. 1, 1960 - AUG. 15, 1961	1962
19630032362	A STUDY OF MANUAL AND AUTOMATIC CONTROL SYSTEMS FOR THE TERMINAL PHASE OF ORBITAL RENDEZVOUS. PART I. BASIC GUIDANCE AND CONTROL INFORMATION INTERIM REPORT	1962
19630032363	RESEARCH ON HIGH DENSITY LARGE CAPACITY THERMOPLASTIC FILM DATA STORAGE SYSTEM FINAL PROGRESS REPORT NO. 6, 1 DEC. 1959 TO 30 JUNE 1962	1962
19630032365	THE RL10A-3 FUEL PUMP COOLDOWN STUDY SUMMARY LETTER REPORT	1962
19630032366	PERFORMANCE EVALUATION OF THE NO. 300 TYPE I SWITCHING SYSTEM FINAL REPORT	1962
19630032367	MECHANISM OF FRACTURE OF RIGID POLYMERS. PART I- ENVIRONMENTAL STRESS CRACKING OF POLYETHYLENE <FINAL REPORT, AUG. 1958-MAR. 1961<	1962
19630032368	THE APPLICATION OF ADVANCED PROPULSION SYSTEMS TO EARTH-LAUNCHED SPACE VEHICLES	1962
19630032371	APOLLO GUIDANCE AND NAVIGATION- APPLICATION OF MIDCOURSE GUIDANCE TECHNIQUE TO ORBIT DETERMINATION	1962
19630032372	BASIC STUDIES IN RADIATION EFFECTS ON MATERIALS. PART I- THE DEVELOPMENT OF A NEW X-RAY TUBE FOR X-RAY IONIZATION STUDIES <FINAL REPORT, OCT. 14, 1960 - DEC. 14, 1961<	1962
19630032373	BIBLIOGRAPHY OF RESEARCH AND DEVELOPMENT REPORTS ON THE CENTAUR PROGRAM FOR THIRD QUARTER 1962	1962
19630032374	MECHANISMS OF RADIATION DAMAGE IN MATERIALS TECHNICAL MEMORANDUM	1962
19630032376	REFLECTIVE COATINGS ON POLYMERIC SUBSTRATES <FINAL REPORT, APR. 15, 1961 - OCT. 15, 1961<	1962
19630032378	DEVELOPMENT OF VERY HIGH ENTHALPY SHOCK TUNNELS WITH EXTENDED STEADY-STATE TEST TIMES	1962
19630032380	ROTATING MANNED SPACECRAFT	1962
19630032383	EXPERIMENTAL STUDIES OF STATIC STABILITY AND RADIATIVE HEATING ASSOCIATED WITH MARS AND VENUS ENTRY	1962
19630032385	THE COMBINED USE OF LIQUID AND GASEOUS HELIUM TO PROVIDE NEAR ACTUAL SPACE ENVIRONMENT	1962
19630032386	TOWARD THERMONUCLEAR PROPULSION	1962
19630032390	EXISTENCE OF A VOLTAGE PLATEAU FOR A DISCHARGE CROSSED WITH A MAGNETIC FIELD AT ELEVATED PRESSURES	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032396	QUARTERLY STATUS REPORT NO. 5/A/, SEPTEMBER 1 - NOVEMBER 30, 1962 <MEASURING A TRAPPING TIME FOR HOLES AND ELECTRONS IN VITREOUS SELENIUM<	1962
19630032397	PROGRAM REQUIREMENTS HANDBOOK JULY 1, 1962	1962
19630032398	SYNTHESIS OF METAL-CYCLOPENTADIENYL DERIVATIVES FOR USE AS ULTRAVIOLET ABSORBERS <FINAL REPORT, APR. 1961 - APR. 1962<	1962
19630032400	INVESTIGATION OF WELDABILITY OF ADDITIONAL COLUMBIUM ALLOYS FIRST QUARTERLY PROGRESS REPORT, 15 JULY 1962 TO 30 SEPT. 1962	1962
19630032405	ESTABLISHMENT OF MANUFACTURING METHODS FOR CROSSED-FIELD AMPLIFIERS AT P-, S-, AND X-BANDS INTERIM ENGINEERING PROGRESS REPORT, JULY 13, 1962 - OCT. 31, 1962	1962
19630032427	INFRARED ANALYSIS OF HIGH TEMPERATURE GASES IN SITU FINAL REPORT ON PHASE II	1962
19630032431	A TECHNIQUE FOR THE DIRECT ANALYSIS OF ALTERNATING ELECTRICAL SIGNALS INTO THEIR RESOLVED COMPONENTS	1962
19630032441	HEAT RESISTANT LAMINATING RESINS <FINAL REPORT, DEC. 15, 1959- FEB. 15, 1961<	1962
19630032442	HIGH TEMPERATURE RESINS, ANALYSIS OF PROCESS PARAMETERS, AND EVALUATION PROCEDURES FOR FILAMENT WOUND COMPOSITES. PART III EVALUATION PROCEDURES <FINAL REPORT, JULY 13, 1959-DEC. 31, 1960<	1962
19630032443	HEAT RESISTING LAMINATING RESINS <ANNUAL REPORT, FEB. 16, 1961 - JAN. 15, 1962<	1962
19630032445	APOLLO GUIDANCE AND NAVIGATION. DESIGN REVIEW PROCEDURES	1962
19630032446	ALGOL SOLID ROCKET MOTOR PROGRAM FOURTEENTH MONTHLY PROGRESS REPORT, JULY 1962	1962
19630032447	DESIGN STUDY - VFS-2. VOLUME II- COST AND DELIVERY ESTIMATE FINAL REPORT, SEPT. 1962	1962
19630032449	APPLICATION OF CERAMIC ADHESIVE-BRAZE ALLOY COMBINATION TECHNIQUE TO THE BONDING OF ASSEMBLIES <FINAL REPORT, APR. 1961 - MAY 1962<	1962
19630032451	FLOW VISUALISATION AND HIGH-SPEED PHOTOGRAPHY IN HYPERSONIC AERODYNAMICS	1962
19630032457	RESEARCH AND DEVELOPMENT ON ELECTRODEPOSITED COATINGS FOR HIGH TEMPERATURE EXPERIMENTAL SOLID PROPELLANT ROCKET NOZZLES FIFTH QUARTERLY REPORT, JUNE 30 - SEPT. 29, 1962	1962
19630032460	THE FIELD OF A VERTICAL ELECTRIC DIPOLE MOUNTED ON A CONDUCTING SPHERE EMBEDDED IN AN ISOTROPIC PLASMA SHELL	1962
19630032461	BIBLIOGRAPHY OF RESEARCH AND DEVELOPMENT REPORTS ON THE CENTAUR PROGRAM FOR FIRST QUARTER 1962	1962
19630032464	LAMINAR BOUNDARY LAYER SKIN FRICTION, HEAT TRANSFER, AND DISPLACEMENT THICKNESS CORRELATIONS FOR SHARP CONES. /TASK 3.1 - FLOW FIELD ANALYSES - REST PROGRAM/	1962
19630032465	LAUNCH VEHICLE TECHNOLOGY PROGRAM /FY-1962/. APPROVED SUPPORTING RESEARCH PROJECTS	1962
19630032467	CHEMICAL CORROSION OF ROCKET LINER MATERIALS AND PROPELLANT PERFORMANCE STUDIES VOLUME I SECOND QUARTERLY TECHNICAL SUMMARY REPORT NO. 2	1962
19630032469	A NUMERICAL INVERSION OF THE LAPLACE TRANSFORM	1962
19630032470	PRECISION OF REDUNDANT MEASUREMENTS OF RL10 ENGINE TEST DATA, 1 JANUARY 1962 THROUGH 30 APRIL 1962	1962
19630032472	THEORY OF ELECTROMAGNETIC WAVE PROPAGATION IN PLASMA LOADED STRUCTURES TECHNICAL REPORT <FEB. 1961 - AUG. 1962<	1962
19630032473	CHARACTERISTICS OF ISOTROPIC PLASMA LOADED WAVEGUIDES TECHNICAL REPORT <FEB. 1961 - AUG. 1962<	1962
19630032474	EVALUATION OF BASSETT HEAT TREATMENT PROCESS	1962
19630032476	FREE CARRIER ABSORPTION DETECTOR FOR MILLIMETER WAVELENGTHS TECHNICAL REPORT <FEB. 1961 - SEPT. 1962<	1962
19630032477	MILLIMETER WAVE ANTENNAS IN IONIZED MEDIA TECHNICAL REPORT <FEB. 1961 - AUG. 1962<	1962
19630032482	INTERIOR SURFACE TEMPERATURE HISTORIES OF THE THOR-DELTA TIROS "E" PAYLOAD FAIRING /BLOCK 1 ENGINE, 58-DEGREE NORTHEAST ORBIT	1962
19630032483	INTERIOR SURFACE TEMPERATURE HISTORIES OF THE THOR-DELTA RELAY A-15 PAYLOAD FAIRING /BLOCK II BOOSTER/	1962
19630032485	APOLLO GUIDANCE AND NAVIGATION. ANALYSIS OF TWO LUNAR LANDING TECHNIQUES PROVIDING DIRECT LANDING SITE VISIBILITY PRIOR TO TOUCHDOWN	1962
19630032487	RESEARCH ON ELECTRONIC RECONNAISSANCE ANTENNAS INTERIM ENGINEERING REPORT, 1 DEC. 1961 - 20 FEB. 1962	1962
19630032488	SOME ESTIMATIONS OF THE ELECTROMAGNETIC PARAMETERS FOR THE HYPERSONIC PLASMA SHEATH WITH A MAGNETIC FIELD	1962
19630032489	TELECOMMUNICATIONS PERFORMANCE STANDARDS TECHNICAL MANUAL	1962
19630032492	ACTUATOR DISC THEORY OF THE COMPRESSIBLE FLOW IN FREE-VORTEX TURBOMACHINERY	1962
19630032493	THE EFFECTS OF VIBRATIONAL RELATION ON HYPERSONIC FLOW PAST BLUNT BODIES	1962
19630032495	COMBUSTION PROBLEMS IN MHD POWER GENERATION	1962
19630032497	THE ULTRAVIOLET DEGRADATION OF ORGANIC COATINGS. PART IV - RADIATION IN A VACUUM <INTERIM REPORT, JULY 1960 - JAN. 1961<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032498	VOCODER EVALUATION STUDIES SCIENTIFIC REPORT NO. 3	1962
19630032499	GROWTH AND MECHANICAL PROPERTIES OF FILAMENTARY SILICON CARBIDE CRYSTALS <FINAL REPORT, JAN. 1960 - JAN. 1961<	1962
19630032501	LUBRICITY STUDY OF SATURN LAUNCH VEHICLE VALVES, PHASE II ANNUAL REPORT	1962
19630032502	LUBRICANT STUDY OF SATURN LAUNCH VEHICLE VALVES, PHASE II. DETAILED PLAN OF WORK	1962
19630032503	LUBRICANT STUDY OF SATURN LAUNCH VEHICLE VALVES, PHASE II. WORK PLAN FOR CELL TYPE CORROSION TEST, ADDENDUM B	1962
19630032504	ACOUSTICALL PROBLEMS ASSOCIATED WITH LARGE SOLID PROPELLANT BOOSTERS	1962
19630032505	Solid Propellant Attitude Control System	1962
19630032509	INVESTIGATION OF FUNDAMENTAL PHENOMENA IN HYBRID PROPULSION	1962
19630032522	ORIENTED CELLULAR STRUCTURE PROPELLANT SYSTEMS OF VERY HIGH IMPULSE /PROJECT "BEEHIVE"/ /U/ SEMI-ANNUAL TECHNICAL REPORT NO. 8, APR. 6 - DEC. 21, 1961	1962
19630032524	Development of SNAP-8 Nuclear Power Conversion System, Model AGAN-0010	1962
19630032530	[No Title]	1962
19630032531	HYBRID DESIGN STUDIES FOR MANNED LUNAR MISSIONS /U/ FIRST QUARTERLY PROGRESS REPORT, JUNE 13 - SEPT. 16, 1962	1962
19630032533	DEVELOPMENT OF SNAP-8 NUCLEAR POWER CONVERSION SYSTEM MODEL AGAN-0010 /U/ QUARTERLY <PROGRESS REPORT NO. 9< JUNE 1962 THROUGH AUGUST 1962	1962
19630032534	DEVELOPMENT OF FABRIC BASE MATERIALS FOR SPACE APPLICATIONS TECHNICAL REPORT <MAY 1961 - APR. 1962<	1962
19630032535	THERMAL TRANSPORT AND RADIATIVE PROPERTIES OF FIBROUS STRUCTURAL MATERIALS <FINAL REPORT, APR. 1961 - JULY 1962<	1962
19630032549	INSERTION OF WIDE BANDWIDTH VIDEO DATA FOR COMMUNICATIONS FROM RECONNAISSANCE SATELLITES, PHASE I, STUDY REPORT	1962
19630032559	PROCEEDINGS OF THE SECOND CONFERENCE ON THERMAL CONDUCTIVITY, OTTAWA, CANADA, OCTOBER 10-12, 1962	1962
19630032560	PROGRESS REPORT <ACTIVITIES IN THE FIELD OF STEADY-STATE THERMAL CONDUCTIVITY MEASUREMENTS<	1962
19630032561	THERMAL-DIFFUSIVITY METHOD FOR SMALL DISK SPECIMENS PROGRESS REPORT	1962
19630032562	PROGRESS REPORT ON THERMAL CONDUCTIVITY MEASUREMENTS AT THE OAK RIDGE NATIONAL LABORATORY	1962
19630032563	FLASH METHOD OF MEASURING THERMAL CONDUCTIVITY	1962
19630032564	EXPERIMENTAL ASPECTS OF THE FLASH METHOD OF DETERMINING THERMAL CONDUCTIVITY	1962
19630032565	MEASUREMENTS BY THE SERIES COMPARISON METHOD IN A MAGNETIC FIELD	1962
19630032566	A RADIAL HEAT FLOW TECHNIQUE FOR MEASURING THERMAL DIFFUSIVITY	1962
19630032567	MEASUREMENT OF THERMAL DIFFUSIVITY IN SMALL SPECIMENS	1962
19630032568	HIGH TEMPERATURE THERMAL DIFFUSIVITY AND CONDUCTIVITY MEASUREMENTS	1962
19630032569	THERMAL CONDUCTIVITY TESTS OF CRYOGENIC INSULATION	1962
19630032570	STABILITY OF NOBLE METAL THERMOCOUPLES AT HIGH TEMPERATURES	1962
19630032571	THERMOCOUPLE MEASURING TECHNIQUES	1962
19630032572	OPTICAL PYROMETRY	1962
19630032573	ON THE APPARENT THERMAL CONDUCTIVITY OF DIATHERMANOUS MATERIALS	1962
19630032574	THERMAL CONDUCTIVITY OF UO SUB 2 AT HIGH TEMPERATURES	1962
19630032575	SEMITHEORETICAL RELATIONS FOR HEAT TRANSFER IN DIELECTRIC CERAMICS AND INORGANIC LIQUIDS	1962
19630032576	MEASUREMENT OF THE THERMAL CONDUCTIVITY OF MOLTEN LITHIUM	1962
19630032577	THERMAL CONDUCTIVITY AT LOW TEMPERATURES	1962
19630032578	THERMAL CONDUCTIVITY OF GE, SI AND III-V COMPOUNDS AT HIGH TEMPERATURES	1962
19630032579	MECHANISMS OF HEAT TRANSFER AT HIGH TEMPERATURES	1962
19630032580	CONDUCTIVITY IN AGGREGATES	1962
19630032581	THERMAL CONDUCTIVITY REFERENCE STANDARDS	1962
19630032582	CURRENT NBS EFFORTS TOWARD THE PROVISION OF THERMAL CONDUCTIVITY REFERENCE STANDARDS	1962
19630032583	SOME "STANDARD" SPECIMENS FOR HIGH TEMPERATURE THERMAL CONDUCTIVITY APPARATUSES	1962
19630032586	[No Title]	1962
19630032588	ANALYTICAL AND EXPERIMENTAL STUDY OF THE MECANISMS OF PENETRATION AND LIGHT EMISSION FROM MICROMETEROIDS IMPACT ON AN ALUMINUMCOATED PHOTOMULTIPLIER QUARTERLY PROGRESS REPORT NO. 9, OCT. 1, 1962 THROUGH DEC. 31, 1962	1962
19630032592	Measument Accuracy of RL10 Engine Test Data	1962
19630032593	STUDY ON METHODS OF STRUCTURALLY EVALUATINGGG EXPANDABLE STRUCTURES HAVING POTENTIAL SPACE APPLICATIONS QUARTERLY PROGRESS REPORT NO. 1, AUG. 1, 1962 TO NOV. 1, 1962	1962
19630032597	THE THEORETICAL BASIS FOR A SIMPLE TRANSFER FUNCTION TECHNIQUE FOR THE PREDICTION OF TEMPERATURES INSIDE COMPLEX STRUCTURES	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032599	SYNTHESIS OF NEW PLASTICS AND PLASTIC COMPOSITES FOR ROCKET NOZZLES FINAL REPORT <MAR. 1, 1961 - FEB. 28, 1962<	1962
19630032608	KINETIC THEORY OF FULL IONIZED PLASMAS. PART B- THE BBGKY THEORY	1962
19630032609	INDIVIDUALIZED CHEMICALLY-DEFINED DIETS IN LIFE-SUPPORT SYSTEMS DURING SPACE FLIGHT SEMI-ANNUAL STATUS REPORT, JAN. 1, - NOV. 30, 1962	1962
19630032610	NEEP- NUCLEAR ELECTRONIC EFFECTS PROGRAM FINAL REPORT <MAR. 1, 1959 - OCT. 31, 1962<	1962
19630032616	REQUIREMENTS FOR AN ON-BOARD GUIDANCE COMPUTER FOR THE LUNAR MISSION FOURTH QUARTERLY PROGRESS REPORT <MAY 1, 1962 - JULY 31, 1962<	1962
19630032617	INFLUENCE OF ROOM TEMPERATURE ATMOSPHERIC REACTION PRODUCTS ON THE DUCTILITY OF SODIUM CHLORIDE SINGLE CRYSTALS	1962
19630032626	STRIPLAP METHOD OF ROCKET MOTOR CASE FABRICATION INTERIM TECHNICAL ENGINEERING REPORT, SEPT. 7 THRU DEC. 6, 1962	1962
19630032637	ALUMINUM ASP IV DEVELOPMENT PROGRAM	1962
19630032639	BIBLIOGRAPHY OF RESEARCH AND DEVELOPMENT REPORTS ON THE CENTAUR PROGRAM FOR PERIOD 1958 - 1961	1962
19630032640	THE EFFECT OF HIGH VACUUM AND ULTRAVIOLET RADIATION ON NONMETALLIC MATERIALS <FINAL REPORT, FEB. 1, 1960 - APR. 1, 1961<	1962
19630032643	TECHNICAL DEVELOPMENT PLAN. TRANSMITTING SYSTEM, POSITION FIXING AN/GRN-14 /PFNS/	1962
19630032647	LARGE PLASTIC ROCKET MOTOR CASES INTERIM TECHNICAL PROGRESS REPORT, APR. 1, 1962 - JUNE 30, 1962	1962
19630032650	FIRST QUARTERLY PROGRESS REPORT, JUNE 1, 1962 TO AUG. 31, 1962 <INVESTIGATION OF GLASSES CONTAINING SILICA TETRAHEDRA MOLECULAR CHAINS<	1962
19630032652	A PROCESS FOR MANUFACTURING HIGHLY THERMALLY CONDUCTIVE PRINTED CIRCUIT BOARDS FOR PELTIER COOLERS AND STRUCTURES WHERE HEAT REMOVAL IS A PROBLEM	1962
19630032654	WIND TUNNEL INVESTIGATION OF CAPSULE EJECTIONS FROM THE SIDE AND BASE OF A CARRIER VEHICLE AT MACH NUMBERS 2, 4, 5, AND 8	1962
19630032656	NOISE REDUCTION OF SMALL ENCLOSURES	1962
19630032657	PROGRESS REPORT NO. 1 <INTERDISCIPLINARY RESEARCH IN ENERGY CONVERSION<	1962
19630032658	VELOCITY PROFILES FOR FULLY-DEVELOPED TURBULENT FLOW OF AIR IN CONCENTRIC ANNULI	1962
19630032660	GRAFT AND BLOCK COPOLYMERS OF SOME VINYL AROMATIC HYDROCARBONS	1962
19630032668	APOLLO GUIDANCE AND NAVIGATION. TWO IMPULSE ABORT TRAJECTORIES FROM TRANSLUNAR FLIGHT	1962
19630032669	HYDROGEN, HELIUM, AND HEAVY NUCLEI FROM THE SOLAR EVENT ON NOVEMBER 15, 1960	1962
19630032677	INVESTIGATION OF TECHNIQUES FOR 1000 DEG F HYDRAULIC SYSTEMS <FINAL REPORT, JUNE 1, 1960 - JULY 1, 1962<	1962
19630032679	DESIGN CRITERIA FOR 1000 DEG F HYDRAULIC SYSTEM DESIGN CRITERIA REPORT	1962
19630032681	EVALUATION OF THE SHARPLES MICROMEROGRAF FOR PARTICLE SIZE DISTRIBUTION ANALYSIS	1962
19630032682	EXPERIMENTAL EVALUATION OF A SOLAR HEAT RECEIVER TECHNICAL DOCUMENTARY REPORT <JULY 1960-AUG. 1961<	1962
19630032684	TELEMETRY STANDARDS - REVISED JUNE 1962 AUG. 1962	1962
19630032685	STUDY OF ADVANCED FLIGHT-VEHICLE POWER-UTILIZATION SYSTEMS <FINAL REPORT, MAR. 21, 1961 - JUNE 30, 1962<	1962
19630032686	RESEARCH ON PROTECTION OF HIGH TEMPERATURE GLASS FIBERS AGAINST FLEXING AND ABRASION <FINAL REPORT, OCT. 1961- APR. 1962<	1962
19630032688	PROCEEDINGS OF THE 3RD ALL-IRIG SYMPOSIUM AUG. 3, 1962	1962
19630032690	INVESTIGATION OF LANDING POINT CONTROL OF RE-ENTRY VEHICLES UTILIZING VARIABLE AREA AERODYNAMIC DECELERATORS INCORPORATING LIFT	1962
19630032691	MECHANISM OF CROSS-LINKING IN THE VULCANIZATION OF NEW ELASTOMERIC POLYMERS <INTERIM SUMMARY REPORT, DEC. 16, 1960 - DEC. 14, 1961<	1962
19630032692	GAS LUBRICATION OF BEARINGS AT HIGH TEMPERATURES PROGRESS REPORT NO. 1, FEB. 15 - MAY 15, 1962	1962
19630032693	QUARTERLY RESEARCH REVIEW NO. 2, 1 JULY THROUGH 30 SEPTEMBER 1962 <SOLID-STATE ELECTRONICS, ELECTRON DEVICES, AND SYSTEMS THEORY<	1962
19630032694	BASIC STUDIES IN RADIATION EFFECTS ON MATERIALS- IONIC FRAGMENTATION OF MOLECULES BY X-RAYS AND SECONDARY ELECTRON SPECTRA FROM BOMBARDMENT OF GAS WITH ELECTRONS <FINAL REPORT, OCT. 14, 1960 - DEC. 14, 1961<	1962
19630032695	SCATTERING OF ELECTROMAGNETIC WAVES BY CONDUCTING SURFACES /TASK 3.10 RADAR OBSERVABLE ANALYSES /ELECTRODYNAMICS/ - REST PROJECT/	1962
19630032696	STATUS REPORT ON THERMOELECTRICITY <TENTH QUARTERLY REVIEW	1962
19630032698	DYNAMIC INSTABILITY OF SHALLOW SPHERICAL SHELLS SUBJECTED TO PRESSURE PULSE LOADINGS	1962
19630032699	BIBLIOGRAPHY OF REPORTS ON DATA ACQUISITION INSTRUMENTATION	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032700	THE ABSORPTION OF MICROWAVE RADIATION IN A PLASMA WHOSE ELECTRON DENSITY VARIES LINEARLY WITH DISTANCE TECHNICAL REPORT NO. 2	1962
19630032704	GLYCOGEN CHANGES IN X IRRADIATED RAT BRAIN	1962
19630032710	THREE DIMENSIONAL STAGNATION POINT HEATING /TASK 3.1.7. - VISCOUS FLOW IN CHEMICAL EQUILIBRIUM - REST PROGRAM/	1962
19630032712	AN ELECTRON-BOMBARDMENT ION ROCKET WITH A PERMANENT MAGNET	1962
19630032720	A LUNAR SEISMOMETER CAPSULE SUBSYSTEM FOR RANGER THIRTEENTH BI-MONTHLY TECHNICAL PROGRESS REPORT, APR. 19 - JUNE 18, 1962	1962
19630032721	SPACE ACTIVITY IN 1972	1962
19630032722	TWO-COMPONENT MICROBALANCE FOR MEASURING THE FORCES ON IONBOMBARDED SURFACES	1962
19630032723	A NOTE ON FIN-TUBE VIEW FACTORS	1962
19630032724	SURFACE PHENOMENA IN SOLID-PROPELLANT COMBUSTION	1962
19630032732	ON THE EXPANSIONS FOR PRODUCTS OF POWER OF RADIUS VECTOR AND COSINE OR SINE OF MULTIPLE OF TRUE ANOMALY	1962
19630032733	THE BEHAVIOR OF ORGANIC MATERIALS AT ELEVATED TEMPERATURES IN A VACUUM	1962
19630032736	OBSERVATIONS OF THE SOLAR PARTICLE EVENTS OF JULY 1961	1962
19630032737	PERFORMANCE EVALUATION OF A MAGNETICALLY SPUN D-C ARC OPERATING IN NITROGEN	1962
19630032738	DESCRIPTION OF ATMOSPHERIC STRUCTURE SATELLITE - S-6 /REVISED/	1962
19630032740	THE ARTIFICIAL RADIATION BELT	1962
19630032742	A STUDY OF THE OUTER GEOMAGNETIC FIELD	1962
19630032743	THE RESULTS OF SOME WIND TUNNEL AND FLIGHT STUDIES WITH HELICOPTERS AT NASA	1962
19630032746	BIOMEDICAL DATA COLLECTION FOR SPACE PROGRAMS	1962
19630032747	LIFE SUPPORT SYSTEMS	1962
19630032748	THE PLANET JUPITER	1962
19630032750	A STRONGLY DIRECTIONAL EMITTING AND ABSORBING SURFACE	1962
19630032753	NONADIABATIC THEORY OF MOLECULAR STRUCTURE	1962
19630032754	A CASSEGRAINIAN-TYPE LOW-NOISE ANTENNA FEED FOR RADIO AND RADAR ASTRONOMY	1962
19630032755	THE NULL POINT ON THE MAGNETOSPHERE	1962
19630032758	LONG RANGE PLANNING IN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1962
19630032759	SPACECRAFT LIFE SUPPORT ENVIRONMENT	1962
19630032767	THE RADIO SPECTRUM FROM 10 GC TO 300 GC IN AEROSPACE COMMUNICATIONS. VOLUME II - THE GENERATION AND HIGH LEVEL AMPLIFICATION OF MILLIMETER WAVES	1962
19630032768	THE RADIO SPECTRUM FROM 10 GC TO 300 GC IN AEROSPACE COMMUNICATIONS. VOLUME III - COMPONENTS, TRANSMISSION TECHNIQUES AND MATERIALS	1962
19630032769	THE RADIO SPECTRUM FROM 10 G SUPER C TO 300 G SUPER C IN AEROSPACE COMMUNICATIONS. VOLUME VI- SYSTEM CONSIDERATIONS IN AEROSPACE COMMUNICATIONS	1962
19630032770	STRESS RELAXATION IN AERONAUTICAL FASTENERS TECHNICAL PROGRESS REPORT NO. 1	1962
19630032771	EVALUATION OF RESISTANCE STRAIN GAGES AT ELEVATED TEMPERATURES TECHNICAL PROGRESS REPORT	1962
19630032777	SOME ASPECTS OF THE DESIGN OF HALF-RING WING-BODY COMBINATIONS WITH PRESCRIBED WING LOADINGS	1962
19630032780	TEST AND EVALUATION OF AN/FPN-34 /XW-1/ RADAR SET FINAL REPORT	1962
19630032782	A FIRST-COLLISION THEORY ANALYSIS FOR HYPERSONIC FLOW IN THE VICINITY OF THE SHARP LEADING EDGE OF A FLAT PLATE /TASK 3.1 - FLOW-FIELD ANALYSES - REST	1962
19630032783	QUARTERLY RESEARCH REVIEW NO. 1, APRIL 1 TO JUNE 30, 1962	1962
19630032784	SURVEY OF LUBRICANT COMPATIBILITY TEST METHODS FOR MISSILE SYSTEMS <PROGRESS REPORT, JUNE 28 - DEC. 31, 1961<	1962
19630032785	RESEARCH ON AN ION SOURCE INTEGRATED WITH A MICROWAVE GENERATOR <FINAL REPORT<	1962
19630032786	RADIATION CHEMISTRY OF BENZENE SOLUTIONS OF ORGANOMETALLIC COMPOUNDS OF THE TYPE M/C SUB 6 H SUB 5/ SUB N	1962
19630032788	A THERMOCHEMICAL EQUILIBRIUM MACHINE PROGRAM /PLASMA RESEARCH PROJECT - ARS PROGRAM/	1962
19630032789	TABLES OF SUPERSONIC FLOW ABOUT BLUNTED CONES	1962
19630032790	THE CALCULATION OF FLOW OVER AXISYMMETRIC BODIES WITH A DECAYING SHOCK WAVE	1962
19630032791	A PRELIMINARY STUDY OF THE EFFECT OF ABLATION PRODUCTS ON LAMINAR BOUNDARY LAYERS /TASK 3.1 - FLOW-FIELD ANALYSIS - REST PROGRAM/	1962
19630032792	THE DEVELOPMENT AND EVALUATION OF TUNGSTEN-BASE ALLOYS SECOND QUARTERLY REPORT, JUNE 15 - SEPT. 15, 1962	1962
19630032793	THE DEVELOPMENT AND EVALUATION OF TUNGSTEN-BASE ALLOYS THIRD QUARTERLY REPORT, SEPT. 15 - DEC. 15, 1962	1962
19630032794	HIGH VISCOSITY REFRACTORY THERMAL PROTECTION MATERIALS QUARTERLY REPORT NO. 2, SEPT. 1 - DEC. 1, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032796	THE EFFECT OF SURFACE DECARBURIZATION ON PROTOTYPE MISSILE CASES QUARTERLY REPORT NO. 2, JULY 1 - SEPT. 30, 1962	1962
19630032799	AN EXPERIMENTAL PROGRAM FOR OBTAINING THE THERMODYNAMIC PROPERTIES PROPELLANT COMBUSTION PRODUCTS SECOND QUARTERLY TECHNICAL REPORT	1962
19630032802	ANTENNA POINTING EQUATIONS FOR SATELLITE TRACKING	1962
19630032803	PREPARATION AND EVALUATION OF HIGH PURITY BERYLLIUM QUARTERLY PROGRESS REPORT, APR. 2, 1962 TO JULY 1, 1962	1962
19630032804	DESIGN STUDY TO IMPROVE THE STRUCTURAL EFFICIENCY OF POLARIS FILAMENT-WOUND MOTOR CASES FINAL REPORT, 21 MAR. 1961 THROUGH 1 JULY 1962	1962
19630032811	STUDIES OF OPERATOR PERFORMANCE DURING CONFINEMENT	1962
19630032813	HIGH-TEMPERATURE OXIDATION PROTECTIVE COATINGS FOR VANADIUM-BASE ALLOYS BIMONTHLY REPORT NO. 1, SEPT. 13, 1962 - NOV. 12, 1962	1962
19630032814	PILOT EVALUATION OF VANADIUM ALLOYS BIMONTHLY REPORT NO. 7, SEPT. 18, 1962 - NOV. 17, 1962	1962
19630032819	PILOT EVALUATION OF VANADIUM ALLOYS BIMONTHLY REPORT NO. 6, JULY 18, 1962 - SEPT. 17, 1962	1962
19630032820	DYNAMIC MECHANICAL PROPERTIES OF SOLID PROPELLANTS QUARTERLY TECHNICAL SUMMARY REPORT, 1 JULY 1962 - 30 SEPT. 1962	1962
19630032821	DYNAMIC MECHANICAL PROPERTIES OF SOLID PROPELLANTS QUARTERLY TECHNICAL SUMMARY REPORT, 1 OCT. 1962 - 31 DEC. 1962	1962
19630032823	AN EXPERIMENTAL PROGRAM FOR OBTAINING THE THERMODYNAMIC PROPERTIES PROPELLANT COMBUSTION PRODUCTS FIRST QUARTERLY TECHNICAL REPORT	1962
19630032824	BEHAVIOR OF ROCKET NOZZLE MATERIALS AT HIGH TEMPERATURES AND PRESSURES OF COMBUSTION PRODUCT GAS MIXTURES FIRST QUARTERLY TECHNICAL REPORT	1962
19630032825	STUDY OF DETONATION BEHAVIOR OF SOLID PROPELLANTS THIRD QUARTERLY TECHNICAL REPORT	1962
19630032826	BEHAVIOR OF ROCKET NOZZLE MATERIALS AT HIGH TEMPERATURES AND PRESSURES OF COMBUSTION PRODUCT GAS MIXTURES SECOND QUARTERLY TECHNICAL REPORT	1962
19630032830	CHEMICAL CORROSION OF ROCKET LINER MATERIALS AND PROPELLANT PERFORMANCE STUDIES FIRST QUARTERLY TECHNICAL SUMMARY REPORT	1962
19630032834	BERYLLIUM FORGING PROGRAM FINAL TECHNICAL ENGINEERING REPORT, 6 MAY 1958 - 19, NOV. 1961	1962
19630032840	X-RAY IMAGE SYSTEM FOR NONDESTRUCTIVE TESTING OF SOLID PROPELLANT MISSILE CASE WALLS AND WELDMENTS FINAL REPORT	1962
19630032841	LORENTZ INVARIANCE IN A GRAVITATIONAL FIELD INTERIM REPORT	1962
19630032842	REFRACTORY METALS SHEET ROLLING PANEL TENTH PROGRESS REPORT AUG. 10, 1962	1962
19630032843	ION EXCHANGE MEMBRANE FUEL CELL FINAL TECHNICAL SUMMARY REPORT, OCT. 1, 1961 - SEPT. 30, 1962	1962
19630032844	THE 1961 INTERNATIONAL COLLOQUIUM ON DETONATION WAVES SPONSORED BY THE FRENCH GOVERNMENT	1962
19630032846	TRANSIT OSCILLATOR STABILITY MEASURING SYSTEM	1962
19630032850	A FUNDAMENTAL STUDY OF ROLLING CONTACT FATIGUE QUARTERLY PROGRESS REPORT NO. 5, MAY 1, 1962 TO AUG. 1, 1962	1962
19630032852	EFFECT OF GLASS SURFACE CHEMISTRY ON WETTING, BOND STRENGTH AND BOND LIFE OF AN EPOXY RESIN MONTHLY PROGRESS REPORT NO. 8	1962
19630032853	EFFECT OF GLASS SURFACE CHEMISTRY ON WETTING, BOND STRENGTH AND BOND LIFE OF AN EPOXY RESIN MONTHLY PROGRESS REPORT NO. 6	1962
19630032855	EFFECT OF GLASS SURFACE CHEMISTRY ON WETTING, BOND STRENGTH AND BOND LIFE OF AN EPOXY RESIN MONTHLY PROGRESS REPORT NO. 7	1962
19630032856	ULTRASONIC WELDING OF REFRACTORY METALS PROGRESS REPORT NO. 9, JUNE 1 THROUGH JULY 31, 1962	1962
19630032857	ULTRASONIC WELDING OF REFRACTORY METALS PROGRESS REPORT NO. 10, AUG. 1 - SEPT. 30, 1962	1962
19630032865	PERFORMANCE OF AN INDUCER-IMPELLER COMBINATION AT OR NEAR BOILING CONDITIONS FOR LIQUID HYDROGEN	1962
19630032868	THE VERTICAL DISTRIBUTION OF E-REGION IRREGULARITIES DEDUCED FROM SCINTILLATIONS OF SATELLITE RADIO SIGNALS	1962
19630032870	RELIABILITY ALLOCATION METHOD, SATURN S-IV MODEL NO. DSV4	1962
19630032871	STUDY OF SUSCEPTIBILITY OF SOLID COMPOSITE PROPELLANTS TO EXPLOSION OR DETONATION JUNE 15, 1962 - SEPT. 15, 1962	1962
19630032873	TASK R - A PROGRAM OF RESEARCH IN PHYSICO-CHEMICAL AND FLUID DYNAMIC PHENOMENA BASIC TO THE UNDERSTANDING OF HIGH-TEMPERATURE, HIGH-SPEED GAS FLOW QUARTERLY PROGRESS REPORT, OCT. 1 - DEC. 31, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032874	TASK R - A PROGRAM OF RESEARCH IN PHYSICO-CHEMICAL AND FLUID DYNAMIC PHENOMENA BASIC TO THE UNDERSTANDING OF HIGH-TEMPERATURE, HIGH-SPEED GAS FLOW QUARTERLY PROGRESS REPORT, JULY 1 - SEPT. 30, 1962	1962
19630032876	SIMILAR SOLUTIONS TO THE LAMINAR BOUNDARY-LAYER EQUATIONS FOR NONEQUILIBRIUM AIR /HYPERSONIC AERODYNAMIC PROJECT - ARS PROGRAM/	1962
19630032879	DEVELOPMENT OF HIGH TEMPERATURE DESIGN CRITERIA FOR AIRCRAFT TIRES <FINAL REPORT, JUNE 1, 1960 - SEPT. 10, 1961<	1962
19630032885	PROCEEDINGS OF THE FOURTH SHOCK TUBE SYMPOSIUM, 18 - 20 APRIL 1961	1962
19630032886	DEVELOPMENT OF PURE FLUID MISSILE CONTROL SYSTEM	1962
19630032888	DYNAMIC PHOTOELASTICITY	1962
19630032899	DATA HANDLING INSTRUMENTATION FOR RF/IR OPTICAL /RADAR CHARACTERISTICS/ AND ASSOCIATED EQUIPMENT- A REPORT BIBLIOGRAPHY	1962
19630032900	SPACE POWER OPERATION- EVALUATION OF A HIGH STRENGTH COLUMBIUM ALLOY /AS-55/ FOR ALKALI METAL CONTAINMENT QUARTERLY REPORT NO. 2, FEB. 25, 1962 TO MAY 25, 1962	1962
19630032901	EVALUATION OF ANTENNAS FOR VOA APPLICATIONS. PART I- LOGPERIODIC ANTENNAS	1962
19630032905	COMPUTATION AND PLOTTING OF RHOMBIC ANTENNA GAINS USING ELECTRONIC DIGITAL COMPUTERS	1962
19630032910	DEVELOPMENT OF A PHOTOTHERMOTROPIC DEVICE QUARTERLY REPORT NO. 1, DEC. 1, 1961 - FEB. 28, 1962	1962
19630032913	DEVELOPMENT OF A PHOTOTHERMOTROPIC DEVICE INTERIM REPORT NO. 4, SEPT. 1 - NOV. 30, 1961	1962
19630032917	A NOTE ON THE LIFT OF A JET-FLAP AEROFOIL NEAR THE GROUND	1962
19630032920	ENCAPSULATION OF HUMANS IN RIGID POLYURETHANE FOAM FOR USE AS A RESTRAINT SYSTEM IN HIGH ACCELERATION ENVIRONMENTS	1962
19630032922	METALLURGICAL PROPERTIES OF EXPLOSIVELY WORK-HARDENED STEELS	1962
19630032925	ANALYSIS OF GROUND-AIR-GROUND COMMUNICATIONS LOADS ON AGACS AND IN FUTURE ATC SYSTEMS FINAL REPORT AUG. 1962	1962
19630032926	WEATHERING OF GLASS-FABRIC-BASE PLASTIC LAMINATES <FINAL REPORT, JULY 1953 - DEC. 1960<	1962
19630032930	DEVELOPMENT OF A PHOTOTHERMOTROPIC DEVICE FINAL REPORT, 1 DEC. 1960 TO 30 NOV. 1961	1962
19630032938	THE RESEARCH, DEVELOPMENT, AND FABRICATION OF TUNNEL EMISSION CATHODES FIRST QUARTERLY INTERIM TECHNICAL REPORT, JULY - SEPT. 1962	1962
19630032939	VAPOR PRESSURES IN THE LIQUID SYSTEM RB SUB 2 O-B SUB 2 O SUB 3. DERIVED THERMODYNAMIC DATA AND A STRUCTURAL INTERPRETATION	1962
19630032940	RESPONSE REQUIREMENTS FOR MILITARY RADIACS. 3. APPLICATION OF A RELIABILITY PREDICTION TECHNIQUE TO A NAVY RADIAC	1962
19630032946	PHYSIOLOGICAL AND PSYCHOLOGICAL EFFECTS OF SPACE FLIGHT- A BIBLIOGRAPHY. VOLUME I- ACCELERATION, DECELERATION, AND IMPACT	1962
19630032947	DEVELOPMENT OF COMPOSITE STRUCTURAL MATERIALS FOR HIGH TEMPERATURE APPLICATIONS TENTH PROGRESS REPORT, SEPT. 1 - NOV. 30, 1962	1962
19630032948	LET ANALYSIS OF TISSUE IONIZATION DOSAGES FOR PROTON RADIATIONS IN SPACE RESEARCH REPORT	1962
19630032955	NEEP - NUCLEAR ELECTRONIC EFFECTS PROGRAM ELEVENTH TRIANNUAL TECHNICAL NOTE, JULY 1 - OCT. 31, 1962	1962
19630032956	THE SELF-RADIATION OXIDATION OF TRITIUM IN OXYGEN AND AIR QUARTERLY PROGRESS REPORT, JAN. 1 - MAR. 31, 1962	1962
19630032957	RESEARCH AND DEVELOPMENT OF INFRARED FIBER OPTICS <FINAL REPORT, APR. 1961 - APR. 1962<	1962
19630032958	MEX. METEOROLOGICAL DATA REPORT, AEROBEE ND 3.122	1962
19630032960	TRANSMISSION AND REFLECTION COEFFICIENTS OF A ONE-DIMENSIONAL PLASMA SLAB WITH EXPONENTIAL AND PARABOLIC ELECTRON DENSITY DISTRIBUTION TECHNICAL REPORT	1962
19630032963	EFFECTS OF NUCLEAR RADIATION ON QUARTZ CRYSTAL UNITS /PR&C 61- ELP/D-4206/ SECOND QUARTERLY PROGRESS REPORT, 23 NOV. 1961 - 22 FEB. 1962	1962
19630032964	EFFECTS OF NUCLEAR RADIATION ON QUARTZ CRYSTAL UNITS THIRD QUARTERLY PROGRESS REPORT, 23 FEB. THROUGH 22 MAY 1962	1962
19630032965	EFFECTS OF NUCLEAR RADIATION ON QUARTZ CRYSTAL UNITS FINAL REPORT, 15 AUG. 1961 - 31 OCT. 1962	1962
19630032966	OPTIMAL REPLACEMENT POLICIES FOR A BALLISTIC MISSILE	1962
19630032967	SQUIB DEVELOPMENT PROGRAM REPORT TO U.S. NAVAL WEAPONS LABORATORY, DAHLGREN, VIRGINIA FINAL REPORT	1962
19630032968	THE USE OF FILTERING AND SMOOTHING FUNCTIONS IN THE ANALYSIS OF ATMOSPHERIC DATA	1962
19630032969	REPORT ON S-64 DELTA FEASIBILITY STUDY	1962
19630032970	DELTA RANGE SAFETY TRAJECTORY AND AERODYNAMIC DATA FOR THE TSX-2 PAYLOAD MISSION MODEL NO. DSV-3B, VOLUME II	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032976	WALL-PRESSURE FLUCTUATIONS IN A TURBULENT BOUNDARY LAYER	1962
19630032980	RING STIFFENED CORRUGATED COMPRESSION PANEL TESTS	1962
19630032981	SOLAR CELL CALIBRATION BY MEANS OF BALLOON FLIGHTS	1962
19630032982	CHOICE OF OPTIMUM POSITION FOR THE FREQUENCY BAND TRANSMITTED BY A HIGH-EFFICIENCY 3 KC/S-SPACED-CARRIER TELEPHONE CHANNEL	1962
19630032984	DESIGN, DEVELOPMENT, AND FEASIBILITY STUDY OF A SAFE DEVICE FOR TERMINATING THE FLIGHT OF AN F9F DRONE	1962
19630032987	PRELIMINARY STUDIES OF THE EFFECTS OF ABLATION CONTAMINANTS ON RADIATION TECHNICAL REPORT	1962
19630032988	A NUMERICAL METHOD FOR THE DETERMINATION OF THE TRANSMISSION AND REFLECTION COEFFICIENTS OF A NON-UNIFORM PLASMA SLAB TECHNICAL REPORT	1962
19630032993	AIR FORCE HIGH TEMPERATURE MATERIALS PROGRAM FOR LIFTING RE-ENTRY VEHICLES <FINAL REPORT<	1962
19630032994	WIND-TUNNEL TESTS OF MODEL FLEXIROTOR RECOVERY SYSTEM, DESIGN AND CONSTRUCTION OF DROP-TEST MODEL FINAL REPORT, MAY 15, 1961 TO MAR. 31, 1962	1962
19630032995	THE STUDY OF ELECTROMAGNETIC TECHNIQUES FOR SPACE NAVIGATION QUARTERLY PROGRESS REPORT, NOV. 16, 1961 TO FEB. 15, 1962	1962
19630032996	SUMMARY OF MATERIALS COMPATIBILITY WITH NITROGEN TETROXIDE <INTERNAL REPORT<	1962
19630032998	PHYSICS STUDY OF THE EARTH'S CRUST IN SELECTED REGIONS OF THE WORLD FINAL REPORT	1962
19630033000	SOLID STATE MICROELECTRONIC SYSTEMS PROGRAM SECOND QUARTERLY REPORT, 1 OCT. 1961 - 1 JAN. 1962	1962
19630033002	VISCOELASTIC PROPERTIES OF SOLID PROPELLANTS AND PROPELLANT BINDERS QUARTERLY TECHNICAL SUMMARY NO. 5, JULY 1 - SEPT. 30, 1962	1962
19630033004	MAGNETIC INDUCTION GYROSCOPE RESEARCH AND DEVELOPMENT QUARTERLY PROGRESS REPORT NO. 3, 1 SEPT. 1962 - 30 NOV. 1962 DEC. 20, 1962	1962
19630033005	INFLUENCE OF LUBRICATION ON ENDURANCE OF ROLLING CONTACTS PROGRESS REPORT NO. 4, APR. 22, 1962 - SEPT. 22, 1962	1962
19630033006	FUNDAMENTAL STUDIES OF CONTACT FATIGUE PROGRESS REPORT NO. 8 <MAR. 6 - JUNE 6, 1962<	1962
19630033008	EVALUATION OF MOLYBDENUM METAL PRODUCED BY THE TIN REDUCTION OF MOLYBDENUM DISULPHIDE PROCESS QUARTERLY REPORT NO. 2, JULY 13, 1962 - OCT. 13, 1962	1962
19630033010	TUNGSTEN SHEET ROLLING PROGRAM INTERIM REPORT NOS. 10 AND 11, MAY 1, 1962 - OCT. 31, 1962	1962
19630033012	DOD HIGH STRENGTH TITANIUM ALLOY SHEET RESEARCH PROGRAM PROGRESS REPORT	1962
19630033016	Experimental Investigation of Heat Rejection Problems in Nuclear Space Powerplants First Quarterly Report, June 1 Through Aug. 31, 1962	1962
19630033018	Satellite Instrumentation Network Facilities Report	1962
19630033019	TUNGSTEN AND ROCKET MOTORS PROGRESS REPORT, SEPT. 1 TO OCT. 31, 1962	1962
19630033022	SHELLS FOR UNDERWATER VEHICLES	1962
19630033030	EXPERIMENTAL OPERATION OF THE UDOP SYSTEM ON RANGER 3	1962
19630033043	ENVIRONMENTAL CONDITIONS AT CHURCHILL, CANADA. I - METEOROLOGICAL STATISTICS. II - VISUAL AURORAL STATISTICS	1962
19630033045	LANDING LOADS INVESTIGATION LABORATORY DROP TESTS	1962
19630033046	TEMPERATURE ENVIRONMENTS OF JET FIGHTER AND ATTACK BOMBER AIRCRAFT INSTRUMENTATION	1962
19630033047	TELEMETRY ANTENNA FOR BLACK BRANT III ROCKET	1962
19630033049	A STUDY ON THE RADIATION FROM ELEMENTARY DIPOLES IN A MAGNETOIONIC MEDIUM	1962
19630033050	GAS TURBINE AND JET ENGINE FUELS PROGRESS REPORT NO. 3, OCT. 1962	1962
19630033051	GAS TURBINE AND JET ENGINE FUELS PROGRESS REPORT NO. 2, AUG. 1962	1962
19630033054	SOLUTION AND USE OF A PARTICULAR INTEGRAL ARISING IN A DETERMINATION OF THE INDUCED VELOCITY FIELD OF A SHROUDED ROTOR	1962
19630033055	LOCALIZATION OF SOUND. PART I. CHARACTERISTICS OF HUMAN LOCALIZATION OF SOUND	1962
19630033056	POTENTIAL OF FILAMENT WOUND COMPOSITES MONTHLY PROGRESS REPORT, NOV. 1 - NOV. 30, 1962	1962
19630033057	LABORATORY INVESTIGATION OF THE BASIC NATURE OF LOW DENSITY GAS FLOW AT HIGH SPEEDS QUARTERLY PROGRESS REPORT, APR. 15 - JULY 15, 1962	1962
19630033058	REPORT OF INVESTIGATION OF RESILIENT FOAM AND RUBBERIZEDHAIR MATERIALS FOR PACKAGE CUSHIONING APPLICATIONS FINAL REPORT	1962
19630033060	POTENTIAL OF FILAMENT WOUND COMPOSITES MONTHLY PROGRESS REPORT, SEPT. 1 - SEPT. 30, 1962	1962
19630033061	THE ANGULAR DISTRIBUTION OF DOSE RATE FROM GAMMA RAYS SCATTERED THROUGH VARIOUS THICKNESSES OF IRON AND ALUMINUM	1962
19630033062	POTENTIAL OF FILAMENT WOUND COMPOSITES MONTHLY PROGRESS REPORT, 1 JULY TO 31 JULY, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033063	POTENTIAL OF FILAMENT WOUND COMPOSITES MONTHLY PROGRESS REPORT, 1 JUNE TO 30 JUNE 1962	1962
19630033064	INVESTIGATION OF THE ACTIVATED SINTERING OF TUNGSTEN POWDER BIMONTHLY PROGRESS REPORT NO. 5, JULY 1 TO AUG. 31, 1962	1962
19630033068	EFFECTS OF POSITIVE PRESSURE BREATHING ON PERFORMANCE DURING ACCELERATION	1962
19630033069	PILOT PRODUCTION AND EVALUATION OF TANTALUM ALLOY SHEET QUARTERLY REPORT NO. 2, JULY 16-OCT 16, 1962	1962
19630033070	DEVELOPMENT OF TANTALUM-TUNGSTEN ALLOYS FOR HIGH PERFORMANCE PROPULSION SYSTEM COMPONENTS QUARTERLY PROGRESS REPORT NO. 11, MAR. 21, 1962-JUNE 20, 1962	1962
19630033071	EVALUATION OF 1,000 - 10,500 MC AN/USM-107 ANTENNA PATTERN MEASURING EQUIPMENT FINAL REPORT NO. 1	1962
19630033073	EXPERIMENTAL INVESTIGATION TO DETERMINE THE INFLUENCE OF AIRFRAME GEOMETRY IN ALLEVIATION OF OPERATIONAL PROBLEMS DUE TO DOWNWASH EFFECTS IN VTOL AIRCRAFT <MONTHLY< PROGRESS REPORT, NOVEMBER 1962	1962
19630033074	FABRICATION OF PROTOTYPE ROCKET MOTOR CASE BY CRYOGENIC STRETCH FORMING QUARTERLY REPORT NO. 1, MAY 23 - AUG. 31, 1962	1962
19630033075	FABRICATION OF PROTOTYPE ROCKET MOTOR CASE BY CRYOGENIC STRETCH-FORMING QUARTERLY REPORT NO. 2, SEPT. 1 - NOV. 30, 1962	1962
19630033077	EXPERIMENTAL INVESTIGATION TO DETERMINE THE INFLUENCE OF AIRFRAME GEOMETRY IN ALLEVIATION OF OPERATIONAL PROBLEMS DUE TO DOWNWASH EFFECTS ON VTOL AIRCRAFT <MONTHLY< PROGRESS REPORT, SEPTEMBER 1962	1962
19630033084	ELECTRODEPOSITION OF EROSION AND OXIDATION RESISTANT COATINGS FOR GRAPHITE SECOND QUARTERLY PROGRESS REPORT, 17 JULY 1962 THROUGH 16 OCT. 1962	1962
19630033085	DESIGN DATA STUDY FOR COATED COLUMBIUM ALLOYS BIMONTHLY TECHNICAL PROGRESS REPORT NO. 1, 21 DEC. 1961 THROUGH 21 FEB. 1962	1962
19630033090	EFFECT OF VEHICLE CONFIGURATION AND FLOW SEPARATION ON HYPERSONIC AERODYNAMIC CHARACTERISTICS OF FLARED BODIES	1962
19630033091	[No Title]	1962
19630033092	[No Title]	1962
19630033093	STUDY TO DETERMINE AERODYNAMIC CHARACTERISTICS ON HYPERSONIC REENTRY CONFIGURATIONS. PART III. PRESSURE DISTRIBUTION STUDIES ON THREE HYPERSONIC RE-ENTRY CONFIGURATIONS. EXPERIMENTAL REPORT, VOLUME I /U/ <FINAL REPORT, JUNE 1960 - JUNE 1961<	1962
19630033095	[No Title]	1962
19630033096	[No Title]	1962
19630033098	[No Title]	1962
19630033102	[No Title]	1962
19630033103	[No Title]	1962
19630033106	UNDERWATER EXPLOSIONS BENEATH ICE	1962
19630033108	LEADING EDGE BLUNTNESS AND SLIP FLOW EFFECTS IN HIGH TEMPERATURE HYPERVELOCITY FLOW OVER A FLAT PLATE. <PROGRESS REPORT< JULY 1, 1961 - MAY 31, 1962	1962
19630033112	[No Title]	1962
19630033115	RESEARCH AND DEVELOPMENT PROGRAM ON THIXOTROPIC PROPELLANTS. QUARTERLY PROGRESS REPORT, JULY 1 THROUGH SEPT. 30, 1962	1962
19630033119	OPTIMUM FILAMENT-WOUND CONSTRUCTION FOR CYLINDRICAL PRESSURE VESSELS <SUMMARY REPORT, 1 JULY 1961 - 31 JULY 1962<	1962
19630033120	SYSTEM ANALYSIS OF THE NORTH ATLANTIC AIR TRAFFIC COMPLEX	1962
19630033121	LOW SPEED FREE AIR TESTS OF A POWERED .165 SCALE FOUR ENGINE TILT WING V/STOL MODEL	1962
19630033122	LOW SPEED FREE AIR TESTS OF A POWERED .165 SCALE FOUR ENGINE TILT WING V/STOL MODEL	1962
19630033126	LOADS AND STRESS ANALYSIS- CASTOR /XM-33/ 12 SQUARE-FOOT SINGLEPIECE CAST FINS - TRAILBLAZER II FINAL REPORT	1962
19630033134	DEVELOPMENT TESTS ON A 4000 P.S.I. GAS VALVE FOR USE ON THE R.A.E. 6 INCH DIAMETER SHOCK TUBE	1962
19630033140	LIQUID PROPELLANT LOSSES DURING SPACE FLIGHT FINAL REPORT	1962
19630033141	DESIGN EVALUATION OF VOICE INTELLIGIBILITY EQUIPMENT FINAL REPORT	1962
19630033145	CHARLOTESVILLE LABORATORY INVESTIGATION OF THE BASIC NATURE OF LOW DENSITY GAS FLOW AT HIGH SPEEDS QUARTERLY PROGRESS REPORT, JULY 15 - OCT. 15, 1962	1962
19630033146	AN INVESTIGATION OF THE CRACK-PROPAGATION RESISTANCE OF HIGHSTRENGTH ALLOYS AND HEAT-RESISTANT ALLOYS BIMONTHLY PROGRESS REPORT NO. 10, JUNE 23, - AUG. 23, 1962	1962
19630033150	FUNDAMENTAL STUDIES OF CONTACT FATIGUE FINAL SUMMARY REPORT <JUNE 6, 1960 - DEC. 31, 1962<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033152	FUNDAMENTALS OF HIGH TEMPERATURE BEARING LUBRICATION BIMONTHLY REPORT NO. 5, AUG. - SEPT. 1962	1962
19630033153	DEVELOPMENT AND PRODUCTION OF IMPROVED MOLYBDENUM SHEET BY POWDER-METALLURGY TECHNIQUES INTERIM REPORT, FEB. 1, 1962 - MAR. 31, 1962	1962
19630033154	DEVELOPMENT AND PRODUCTION OF IMPROVED MOLYBDENUM SHEET BY POWDER-METALLURGY TECHNIQUES INTERIM REPORT, JUNE 1, 1962 - JULY 31, 1962	1962
19630033155	DEVELOPMENT AND PRODUCTION OF IMPROVED MOLYBDENUM SHEET BY POWDERMETALLURGY TECHNIQUES INTERIM REPORT, AUG. 1, 1962 - SEPT. 30, 1962	1962
19630033156	THE INTERACTION OF MATERIALS AND PLASMAS. A COMPARISON OF VISIBLE RADIATION FROM ABLATING CONES /TASK 3.12 - PLASMA JET EXPERIMENTS - REST PROGRAM/	1962
19630033158	PACKAGED LIQUID PROPELLANTS /U/ FINAL REPORT, 2 JAN. 1962 TO 30 SEPT. 1962	1962
19630033159	IMPROVEMENTS IN HYPERSONIC TECHNIQUE AND INSTRUMENTATION. <PROGRESS REPORT< JULY 1, 1961 - MAY 31, 1962	1962
19630033161	WEAPON SYSTEM 133A- WING II MINUTEMAN THRUST REVERSAL SYSTEM PROGRAM PROGRESS, 1 SEPT. 1961 THROUGH 28 FEB. 1962	1962
19630033162	PHYSICAL CHEMISTRY OF PLASTIC DECOMPOSITION. <PROGRESS REPORT< JULY 1, 1961-MAY 31, 1962	1962
19630033165	A MODEL FOR THE UNSTEADY ABLATION OF CHARRING THERMOSETTING PLASTICS. PROGRESS REPORT JULY 1, 1961 - JUNE 30, 1962	1962
19630033167	DIBORANE. SPACE STORABLE FUEL	1962
19630033169	PLASMA PROPERTY DETERMINATION. <PROGRESS REPORT< JULY 1, 1961 - JUNE 30, 1962	1962
19630033170	HETEROGENEOUS PROPELLANT PROGRAM /U/ <SECOND QUARTERLY PROGRESS REPORT< JULY 17 - OCT. 17, 1962	1962
19630033172	DESIGN CRITERIA FOR ADVANCED PROPELLANT SYSTEMS /U/ SECOND QUARTERLY PROGRESS REPORT, 1 OCT. 1962 TO 31 DEC. 1962	1962
19630033175	AEROSPIKE ANTENNA APPLICATION TO RADIO PROPAGATION DURING RE-ENTRY OF LIFTING VEHICLES. INTERIM ENGINEERING REPORT	1962
19630033176	Mercury Redstone Project. Launch Operations Final Report	1962
19630033184	DEVELOPMENT FOR PILOT CHUTE EJECTOR, CARTRIDGE ACTUATED, XMI FOR THE SEPARABLE NOSE CAPSULE ESCAPE SYSTEM <SUMMARY REPORT, 15 FEB. 1960 - JUNE 1961<	1962
19630033188	ON THE SELECTION OF CODE-NAMES FOR COMMUNICATION SYSTEMS	1962
19630033192	SOLAR REFLECTOR FOAMING TECHNOLOGY SECOND QUARTERLY PROGRESS REPORT <FEB. 1, 1963 - APR. 30, 1963<	1962
19630033193	HUMAN SURVIVABILITY- INDIVIDUAL PROTECTION AGAINST THE ACUTE EFFECTS OF IONIZING RADIATION	1962
19630033194	BIOLOGICAL AND MEDICAL ASPECTS OF IONIZING RADIATION- BIOLOGICAL HAZARD OF FALLOUT ANNUAL PROGRESS REPORT, 1 JULY 1961 - 30 JUNE 1962	1962
19630033195	PLASMA RESEARCH AT STANFORD ELECTRONICS LABORATORIES	1962
19630033199	RESEARCH IN MHD POWER GENERATION QUARTERLY REPORT NO. 1, PERIOD ENDING SEPT. 30, 1962	1962
19630033201	APPROXIMATE CALCULATIONS FOR A MANNED LUNAR LANDING MISSION	1962
19630033202	COMPARISON OF TWO AUTOMATIC THROTTLE - CONTROLLERS FOR THE F8U-2N AIRCRAFT	1962
19630033203	SOME ASPECTS OF PLASMA ACCELERATION AND DIAGNOSTICS	1962
19630033204	ASCENT GUIDANCE	1962
19630033205	MULTIMEGAWATT BROADBAND MICROWAVE TUBES AND RELATED STUDIES FIRST ANNUAL REPORT, SEPT. 1, 1961 - OCT. 31, 1962	1962
19630033217	INTRODUCTION TO J. G. R. PAPERS ON JOHNSON ISLAND ARTIFICIAL RADIATION BELT	1962
19630033232	EVALUATION OF THE MICROWAVE TELEMETRY RELAY FINAL REPORT	1962
19630033234	INDUSTRY ADVISES THE CHIEF. PROCEEDINGS OF THE 6TH NAVY-INDUSTRY CONFERENCE ON MATERIAL RELIABILITY, WASHINGTON, D.C., 31 OCTOBER-1 NOVEMBER 1962	1962
19630033246	APOLLO GUIDANCE AND NAVIGATION. THE EFFECT OF RETRO-ROCKET EXHAUST ON VISIBILITY DURING LUNAR TOUCHDOWN	1962
19630033248	THEORETICAL DESIGN OF A 35 GC REBATRON TECHNICAL NOTE NO. 5 <SEPT. 1961 - AUG. 1962<	1962
19630033249	DESCRIPTION OF ORBITING SOLAR OBSERVATORY - S-16	1962
19630033255	THE SPACE STATION LOGISTICS SYSTEM AND ASSOCIATED OPERATIONAL CONSIDERATIONS	1962
19630033256	Laminar Boundary Layer Diffusion with a Variable Molecular Weight	1962
19630033261	AN EFFECT OF FLUX LEVEL AND FLUX SPECTRUM ON THE ACCUMULATION OF DAMAGE IN REACTOR IRRADIATED GRAPHITE INTERIM REPORT	1962
19630033265	FORCE TESTS OF THREE LIFTING RE-ENTRY SHAPES AT MACH NUMBERS 0.60 TO 1.40	1962
19630033266	Development of Snap-8 Nuclear Power Conversion System. Model Agan-0010 Quarterly Progress Report No. 8, Mar.-May 1962	1962
19630033267	INTEGRATED RESEARCH AND DEVELOPMENT PROGRAM ON SOLID ROCKET PROPELLANTS /U/ PROGRESS REPORT NO. 11, JULY 1 - SEPT. 30, 1962	1962
19630033271	WEAPON SYSTEM 133A- MINUTEMAN PROGRAM THIRD STAGE MOTOR /U/ QUARTERLY PROGRESS REPORT, 1 APR. THRU 30 JUNE 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033272	Titan 11. post flight missile weight, loading, and engine data	1962
19630033273	COMMERCIAL SUPERSONIC TRANSPORT FLUTTER STUDIES. FIRST QUARTERLY TECHNICAL REPORT <JUNE 1 - OCT. 1, 1962<	1962
19630033274	RESEARCH IN CHEMISTRY /U/ QUARTERLY PROGRESS REPORT, JULY - SEPT. 1962	1962
19630033275	[No Title]	1962
19630033277	Propulsion Systems for Our Future Spacecraft	1962
19630033287	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE /U/ /EIGHTH/ MONTHLY PROGRAM PROGRESS REPORT, 1 FEB. THROUGH 28 FEB. 1962	1962
19630033288	INVESTIGATION OF THE GENERATION AND PROTECTION OF HIGH-ENERGY SPHERICAL PLASMOIDS /U/ SUMMARY REPORT, 1 APR. - 30 APR. 1962	1962
19630033289	FEASIBILITY INVESTIGATION OF UNCOOLED THRUST CHAMBER AND NOZZLE DESIGNS /U/ FOURTH QUARTERLY PROGRESS REPORT <APR. 1 - JUNE 30, 1962<	1962
19630033292	Monthly Reliability Report	1962
19630033293	RL10A-1 Technical Status Monthly Summary Report	1962
19630033294	RL10 ROCKET ENGINE /U/ MONTHLY TECHNICAL REPORT, 1 AUG. TO 1 SEPT. 1962	1962
19630033295	SIX-DEGREE-OF-FREEDOM FLIGHT-PATH STUDY GENERALIZED COMPUTER PROGRAM. PART III-CHECK PROBLEM REPORT /U/ <FINAL REPORT, NOV. 1959 - OCT. 31, 1960<	1962
19630033301	[No Title]	1962
19630033304	RLIO ROCKET ENGINE' SEMIANNUAL TECHNICAL SUMMARY REPORT, 15 NOV. 1961 - 15 MAY 1963	1962
19630033305	12" HYBRID FLIGHT VEHICLE DEVELOPMENT PROGRAM FEBRUARY 1961 - JUNE 1962	1962
19630033306	LIFTING SURFACES IN RAREFIED HYPERSONIC AIRFLOW. PART II- A BLUNT, 70 DEG SWEEP DELTA WING AT ANGLES OF ATTACK /U/ <FINAL REPORT, JUNE 1961 - AUG. 1962<	1962
19630033312	PROPULSION LABORATORY. RESEARCH AND DEVELOPMENT DIRECTORATE /U/ QUARTERLY REPORT, 1 OCT. TO 31 DEC. 1961	1962
19630033323	FORWARD SCATTER RESULTS	1962
19630033329	PROCESS DEVELOPMENT OF ROCKETDYNE QUICKMIX METHOD FOR CONTINUOUS PROCESSING OF CASTABLE SOLID PROPELLANTS /U/ FINAL TECHNICAL ENGINEERING REPORT, 5 JULY 1959 - 7 FEB. 1961	1962
19630033331	DEPARTMENT OF DEFENSE PROGRAM ON MATERIALS RESEARCH AND DEVELOPMENT. VOLUME II- REPORTS OF TECHNICAL REVIEW COMMITTEES 1 AND 4, 1961-1962	1962
19630033332	ACCELERATION EFFECTS ON PROPELLANT BURNING	1962
19630033337	DESIGN REPORT FOR RLIOA-3 ROCKET ENGINE	1962
19630033338	SHOCK IONIZATION STUDIES IN THE NOBLE GASES	1962
19630033339	STUDIES OF VIBRATIONAL RELAXATION PROCESSES	1962
19630033340	ROCKET DESIGN STUDIES /U/ PROJECT PROGRESS REPORT, FEB. 1, TO FEB. 28, 1962	1962
19630033344	ATLAS/CENTAUR FLIGHT EVALUATION REPORT. VEHICLE FI, VOLUME I	1962
19630033348	ADVANCED ABLATION MATERIALS	1962
19630033349	[No Title]	1962
19630033361	ADVANCED TEST METHODS FOR DETERMINING OPERATIONAL CHARACTERISTICS OF PROPELLANTS /U/ SUMMARY REPORT, JUNE 1, 1961 TO MAY 31, 1962	1962
19630033364	INVESTIGATION OF FUNDAMENTAL PHENOMENA IN HYBRID PROPULSION /U/ FIFTH QUARTERLY TECHNICAL SUMMARY REPORT, 6 JUNE THROUGH 31 AUG. 1962	1962
19630033369	CONFIDENTIAL PROCEEDINGS OF THE SECOND MEETING <OF THE< TECHNICAL PANEL ON SOLID PROPELLANT COMBUSTION INSTABILITY. HELD AT STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA, MARCH 8-9, 1962	1962
19630033370	LOW-FREQUENCY COMBUSTION INSTABILITY	1962
19630033371	COMBUSTION INSTABILITY EXPERIENCE DURING 1961-1962 WITH RESEARCH AND DEVELOPMENT ROCKET MOTORS	1962
19630033372	PROGRESS OF INVESTIGATIONS ON COMBUSTION INSTABILITY IN SOLID PROPELLANT ROCKET MOTORS IN BRITAIN	1962
19630033374	REFRACTORY MATERIALS SUITABLE FOR USE IN GUIDED MISSILE PROPULSION SYSTEMS. FIFTEENTH QUARTERLY REPORT, JUNE 15 THROUGH SEPT. 14, 1962	1962
19630033385	ADVANCED MAGNETOMETERS AND THEIR APPLICATION TO MAD	1962
19630033386	SENSITIVITY CHARACTERISTICS OF LIQUID EXPLOSIVE SYSTEMS. PROGRESS REPORT NO. 3, JULY 1, 1962 - SEPT. 30, 1962	1962
19630033395	BURBANK AMES 40' X 80' WIND TUNNEL TESTS. LOCKHEED MODEL 186 HIGH PERFORMANCE RIGID ROTOR HELICOPTER. AERODYNAMIC RESULTS - PHASE II	1962
19630033402	QUALIFICATION TESTS OF MIDAS PROPELLANT AND ORBIT ADJUST MOTOR FAIRING	1962
19630033403	TWENTY-FIVE HOUR TIE DOWN TEST REPORT - MODEL XH-51A	1962
19630033404	FAIL-SAFE ANALYSIS - CL 595 HELICOPTER	1962
19630033411	RESEARCH ON ELECTRONIC RECONNAISSANCE ANTENNAS I. INTEGRATION OF ANTENNAS AND CIRCUITS II. ECHO-AREA CONTROL III. AMPLIFIERS AND MIXER CIRCUITS IV. MICROWAVE PHASE SHIFTER AND SWITCHES. FINAL ENGINEERING REPORT, NOV. 1, 1961 - NOV. 30, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033419	RESEARCH ON DIFFUSION OF HYDROGEN THROUGH PALLADIUM MONTHLY PROGRESS REPORT	1962
19630033420	STUDY TO DETERMINE EFFECTS OF FISSION PRODUCT GAMMA RADIATION ON ELECTRONIC PARTS AND EQUIPMENT PROGRESS REPORT NO. 2, 1 JUNE 1962 TO 31 AUG. 1962	1962
19630033421	STUDY TO DETERMINE EFFECTS OF FISSION PRODUCT GAMMA RADIATION ON ELECTRONIC PARTS AND EQUIPMENT PROGRESS REPORT NO. 3, 1 SEPT. 1962 TO 30 NOV. 1962	1962
19630033424	ANALOG INSTRUMENTATION FOR DYNAMIC MEASUREMENTS IN THE VON KARMAN GAS DYNAMICS FACILITY	1962
19630033427	ELECTRON MICROSCOPIC OBSERVATIONS ON THE COLLAPSED AND DISTENDED MAMMALIAN URINARY BLADDER	1962
19630033431	A SELF-CONTAINED ATMOSPHERIC ENSEMBLE FOR TITAN II	1962
19630033433	FATIGUE TEST OF THE MAIN ROTOR FOR THE CL-595 RESEARCH HELICOPTER	1962
19630033437	RESEARCH ON THE RECOVERY OF OXYGEN BY THE CATALYTIC DISSOCIATION OF CARBON DIOXIDE AT LOW PRESSURE QUARTERLY REPORT NO. 2, MAY - JULY, 1962	1962
19630033440	STAR OCCULTATION MEASUREMENTS AS AN AID TO NAVIGATION IN CIS-LUNAR SPACE	1962
19630033451	DEVELOPMENT OF SUBMICRON POWDER MANUFACTURING METHOD FINAL TECHNICAL ENGINEERING REPORT, <15 MAR. 1961 TO 31 MAR. 1962<	1962
19630033464	PARKING ORBITS AND TRACKING FOR LUNAR TRANSFERS	1962
19630033471	APPROXIMATE WIDE-RANGE EQUATION OF STATE FOR HYDROGEN	1962
19630033474	THE ACCURACY OF AMR INSTRUMENTATION <FINAL REPORT<	1962
19630033478	THE USE OF STRAIN SOFTENING TO IMPROVE THE PROPERTIES OF REFRACTORY METALS QUARTERLY PROGRESS REPORT 1, JUNE 4, 1962 - AUG. 31, 1962	1962
19630033479	PERFORMANCE, WIND FUNCTIONS, AND DISPERSION OF THE AEROBEE 150A LAUNCHED AT WALLOPS ISLAND	1962
19630033480	VOLTAGE REGULATION AND CONVERSION IN UNCONVENTIONAL ELECTRICAL GENERATOR SYSTEMS QUARTERLY PROGRESS REPORT NUMBERS 1 AND 2, JAN. 1, 1962 - JUNE 30, 1962	1962
19630033481	PROPERTIES OF PLASMA AS THEY PERTAIN TO TAJ /THERMAL ARC JET/ AND J X B /MHD DUCT/ DEVICES TECHNICAL DOCUMENTARY REPORT <MAY 1, 1961 - APR. 30, 1962<	1962
19630033485	FLAT HIGH STRENGTH STEEL SHEET APPLICABLE FOR USE IN THE AIRCRAFT AND MISSILE INDUSTRY FINAL TECHNICAL ENGINEERING REPORT <FEB. 1, 1960 - MAY 15, 1962<	1962
19630033489	TUNGSTEN AND ROCKET MOTORS PROGRESS REPORT, JULY 1 - AUG. 31, 1962	1962
19630033490	SYNTHESIS AND PROPERTIES OF SOME CYANURIC CHLORIDE DERIVATIVES TECHNICAL REPORT <SEPT. 1959 - SEPT. 1961<	1962
19630033491	A NORMAL OPERATIONAL PROGRAM SYSTEM FOR THE OAO TECHNICAL REPORT NO. 6 JOHN CARL SEPT. 3, 1962	1962
19630033493	BEARING-SHAFT DYNAMICS FOR OPERATION IN SPACE NASA-AEC JOINT CONFERENCE REPORT	1962
19630033498	RL10 ROCKET ENGINE /U/ MONTHLY TECHNICAL REPORT, 1 JULY - 1 AUG. 1962	1962
19630033510	Study of Hybrid Propulsion Systems for Apollo Lunar Landings and Takeoffs	1962
19630033511	HETEROGENEOUS PROPELLANT PROGRAM /U/ <FINAL< REPORT, 17 APR. 1962 - 17 DEC. 1962	1962
19630033512	INTEGRAL RADIALLY DISTRIBUTED ANNULAR COMBUSTOR /U/ FINAL REPORT, 15 DEC. 1961 - 15 NOV. 1962	1962
19630033515	[No Title]	1962
19630033518	QUARTERLY PROGRESS REPORT ON IGNITION RESEARCH TO THE BUREAU OF NAVAL WEAPONS /U/ TECHNICAL PROGRESS REPORT, FEB. 1 - MAR. 31, 1962	1962
19630033522	STUDY OF HYBRID PROPULSION SYSTEMS FOR APOLLO LUNAR LANDINGS AND TAKEOFFS /U/ MONTHLY PROGRESS REPORT NO. 2, 11 JUNE 1962 - 8 JULY 1962	1962
19630033529	REDEYE DEVELOPMENT PROGRAM. INTERIM TECHNICAL REPORT, JULY - SEPTEMBER, 1962	1962
19630033535	RL10 ROCKET ENGINE /U/ MONTHLY TECHNICAL REPORT, JUNE 1 - JULY 1, 1962	1962
19630033536	STUDY OF HYBRID PROPULSION SYSTEMS FOR APOLLO LUNAR LANDINGS AND TAKEOFFS	1962
19630033593	ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF AXISYMMETRIC VARIABLE GEOMETRY INLETS FOR APPLICATION TO HYPERSONIC AIRBREATHING ENGINES	1962
19630033597	ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF A TWO-DIMENSIONAL VARIABLE GEOMETRY INLET FOR INTEGRAL INSTALLATION ON HYPERSONIC AIR VEHICLES	1962
19630033599	HELIUM TUNNEL	1962
19630033604	FORCE TESTS OF TWO ASD BLUNT LIFTING BODIES AT MACH NUMBER 19	1962
19630033606	INFRARED RE-ENTRY TRACKING	1962
19630033616	HETERODYNE DETECTION IN OPTICAL COMMUNICATION TECHNICAL NOTE	1962
19630033617	DOWN-RANGE ANTI-MISSILE MEASUREMENT PROGRAM /DAMP/- DESCRIPTION OF THE IBM 7090 PROGRAMS FOR THE CALCULATION OF PROPERTIES IN THE FAR FIELD WAKE BEHIND AN OSCILLATING REENTRY VEHICLE	1962
19630033631	STATUS AND PROGRESS REPORT - SEPTEMBER 1962 <REACTOR DEVELOPMENT PROGRAM<	1962
19630033634	PROPERTIES OF TOROIDS WITH CIRCULAR CROSS SECTIONS USED AS PROPELLANT TANKS	1962
19630033639	A TOTAL RESOLUTION OF ASPARTIC ACID COPPER COMPLEX BY INOCULATION	1962
19630033642	EDUCATIONAL SYSTEM'S ABILITY TO SERVE THE NEEDS OF SCIENCE AND INDUSTRY	1962
19630033643	EXTENSION OF THE RANGE AND RANGE RATE SYSTEM FOR RENDEZVOUS TRACKING	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033646	STUDY TO DETERMINE EFFECTS OF FISSION PRODUCT GAMMA RADIATION ON ELECTRONIC PARTS AND EQUIPMENT PROGRESS REPORT NO. 1, 1 MAR. 1962 TO MAY 31, 1962	1962
19630033655	OUT OF ORBIT PLANE-NORTH-SOUTH-THRUSTING TO CHANGE THE INCLINATION OF NEAR CIRCULAR LOW INCLINATION SATELLITE ORBITS MISSION ANALYSIS REPORT - 3	1962
19630033656	MECHANICAL MODEL OF FLUID OSCILLATIONS IN CYLINDRICAL CONTAINERS AND INTRODUCTION OF DAMPING	1962
19630033664	POLYMERS PREPARED BY STEREOSPECIFIC CATALYMS QUARTERLY PROGRESS REPORT NO. 11, OCT. - DEC. 1962	1962
19630033673	LEVEL AND RADIATION INTENSITY OF FALLOUT FROM A LAND SURFACE NUCLEAR DETONATION	1962
19630033677	THE ATMOSPHERIC CORROSION-FATIGUE AND STRESS-CORROSION PROPERTIES OF A COMMERCIAL HIGH STRENGTH ALUMINUM ALLOY EXTRUSION	1962
19630033685	DAMPING CHARACTERISTICS OF GRAPHITE. NERVA NUCLEAR SUBSYSTEM	1962
19630033691	SATELLITE OBSERVATIONS OF THE ARTIFICIAL RADIATION BELT OF JULY 1962	1962
19630033700	LOW-FREQUENCY COMBUSTION INSTABILITY OF SOLID ROCKET PROPELLANTS FIRST QUARTERLY REPORT, 1 JULY - 1 SEPT. 1962	1962
19630033701	RADIATION RESISTANT ELECTRONICS PROGRESS REPORT, 1 JULY 1962 - 31 DEC. 1962	1962
19630033703	RESEARCH AND DEVELOPMENT DIV., SAN DIEGO, CALIF. RESEARCH AND DEVELOPMENT OF HIGH TEMPERATURE STRUCTURAL ADHESIVES QUARTERLY PROGRESS REPORT NO. 7, MAY 16 - AUG. 15, 1962	1962
19630033706	RESEARCH AND DEVELOPMENT OF HIGH TEMPERATURE STRUCTURAL ADHESIVES FINAL SUMMARY REPORT COVERING PERIOD 1 NOV., 1961 THROUGH 31 OCT. 1962	1962
19630033712	QUANTITATIVE ANALYSIS OF NITRO DIPHENYL AMINES - APPLICATION TO AN AGING STUDY	1962
19630033714	AN INVESTIGATION OF THE AERODYNAMIC LOADS ACTING ON THE SATURN C-5 ENGINE SHROUD WITH THREE FIN CONFIGURATIONS AT TRANSONIC SPEEDS	1962
19630033716	A SUMMARY OF CONSTANTS ASSOCIATED WITH ORBITAL ANALYSIS OF EARTH SATELLITES INCLUDING THE INFLUENCE OF THEIR UNCERTAINTIES UPON GRAVITATIONAL MEASUREMENTS FOR SYNCHRONOUS SATELLITES MISSION ANALYSIS REPORT NO. 1	1962
19630033717	TWO-STAGE POTASSIUM TEST TURBINE. FOURTH QUARTER PROJECT STATUS REPORT MAY 8, 1962	1962
19630033719	BIBLIOGRAPHY OF RESEARCH AND DEVELOPMENT ON THE CENTAUR PROGRAM FOR SECOND QUARTER OF 1962	1962
19630033720	DEVELOPMENT OF WROUGHT TUNGSTEN NOZZLE INSERTS FIRST PROGRESS REPORT, <MAR. 19, 1962 - APR. 19, 1962<	1962
19630033721	THE SIZE AND PERFORMANCE OF DYNAMIC ELECTRIC GENERATORS FOR SPACE POWER	1962
19630033725	OBSERVATIONS ON VACUUM ULTRAVIOLET MATERIALS STUDIES	1962
19630033726	NASA SCOUT RELIABILITY. STATUS REPORT FOR MONTH ENDING OCT. 31, 1962	1962
19630033733	THE SUPERSONIC-ARC PLASMA-JET	1962
19630033737	DESIGN AND DEVELOPMENT OF HYDROGEN-OXYGEN FUEL CELL POWERPLANT THIRD QUARTERLY REPORT <JAN. 1 - MAR. 31, 1962<	1962
19630033750	PERFORMANCE INVESTIGATION OF SOME HIGH SPEED PUMP INDUCERS	1962
19630033758	EVALUATION OF SOLID PROPELLANTS AND SOLID-PROPELLANT SYSTEMS FOR SPACE APPLICATION SIXTH QUARTERLY REPORT <OCT. 1 - DEC. 31, 1962<	1962
19630033761	THORACIC TRANSFER OF CARDIAC ENERGY	1962
19630033771	REINFORCED PLASTIC LAMINATES FOR LONG TIME HIGH TEMPERATURE USE QUARTERLY PROGRESS REPORT NO. 2, SEPT. - NOV. 1962	1962
19630033776	A PRELIMINARY SURVEY OF THE ALTITUDE PERFORMANCE OF A J85-GE-5A ENGINE WITH AN E7-9F COMPRESSOR TECHNICAL DOCUMENTARY REPORT	1962
19630033780	NOTES ON SOUND PROPAGATION AND FOCUSING	1962
19630033790	THE TEST BED CALIBRATION OF AN AVON R.A.28 ENGINE UNDER BOTH NON-REHEAT AND REHEAT CONDITIONS WITH COMPARISON OF THRUST MEASUREMENTS BY A SWINGING PROBE AND VARIOUS CONVENTIONAL METHODS	1962
19630033800	THE DEVELOPMENT OF LUBRICANTS FOR HIGH-SPEED ROLLING CONTACT BEARINGS OPERATING OVER THE RANGE OF ROOM TEMPERATURE TO 1200 DEGREES FAHRENHEIT <INTERIM REPORT, FEB. 1961 - JULY 1962<	1962
19630033804	Apollo Rendezvous Simulator Study	1962
19630033805	[No Title]	1962
19630033808	Apollo Rendezvous Simulator Study	1962
19630033809	LARGE SOLID ROCKET PROGRAM, PHASE II /U/ SECOND TECHNICAL NOTE, 1 MAR. - 31 MAY 1962	1962
19630033810	ARPA SOLID PROPELLANT RESEARCH PROGRAM /U/ QUARTERLY PROGRESS REPORT, JULY - SEPT. 1962 SEPT. 1962	1962
19630033819	DEVELOPMENT OF LARGE HYBRID-PROPELLANT MOTORS	1962
19630033820	DYNAMIC STABILITY INVESTIGATION OF A SMALL-SCALE MODEL OF THE SKYBOLT RE-ENTRY CONFIGURATION AT TRANSONIC SPEEDS	1962
19630033821	NONEQUILIBRIUM COMBUSTION	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033822	[No Title]	1962
19630033823	[No Title]	1962
19630033826	TITAN II. PERFORMANCE INPUT DATA SUMMARY MISSILE WEIGHT, LOADING, AND ENGINE DATA	1962
19630033827	[No Title]	1962
19630033835	VISCOELASTIC PROPERTIES OF SOLID PROPELLANTS AND PROPELLANT BINDERS QUARTERLY TECHNICAL SUMMARY REPORT NO. 7, JAN. 1 - MAR. 31, 1963	1962
19630033860	Development of Lithium-cooled Nozzle	1962
19630033868	Study of Solid Propellant Systems for Space Propulsion	1962
19630033869	EXPERIMENTAL OBSERVATIONS OF THE IONIZED REGION BEHIND SABOTED, LOW-CONTAMINATION WAKE SPHERES	1962
19630033870	Study of Hybrid Propulsion Systems for Apollo Lunar Landings and Takeoffs /U/ Interim Report No. 1, 7 May 1962 - 5 Aug. 1962	1962
19630033873	KINETICS OF PLASTIC DECOMPOSITION	1962
19630033874	[No Title]	1962
19630033875	MISSILE AND SPACE SYSTEMS DIV., SANTA MONICA, CALIF. DELTA SEMI-ANNUAL TECHNICAL PROGRESS REPORT - MODEL NUMBER DSV-3 /U/ ISSUE NO. 7, MAY - OCT. 1962	1962
19630033876	COMPENDIUM OF CURRENT LIQUID ROCKET ENGINE TECHNOLOGY, JANUARY 1962	1962
19630033878	FEASIBILITY DEMONSTRATION OF LARGE SOLID-PROPELLANT MOTORS	1962
19630033881	[No Title]	1962
19630033882	[No Title]	1962
19630033890	EXPLORER XI /S-15/ ORIENTATION ANALYSIS	1962
19630033895	EVALUATION OF SEMIAUTOMATIC AND AUTOMATIC ATMOSPHERIC SOUNDING EQUIPMENTS	1962
19630033897	GODDARD RANGE AND RANGE RATE SYSTEM DESIGN EVALUATION REPORT	1962
19630033898	GAS LUBRICATION OF BEARINGS AT HIGH TEMPERATURES PROGRESS REPORT NO. 2, MAY 16 THROUGH AUG. 15, 1962	1962
19630033906	YHU-1B CATEGORY II PERFORMANCE TEST <FINAL REPORT<	1962
19630033908	ABLATIVE ELASTOMERIC INSULATION MATERIALS <FINAL REPORT, MAR. 1961 - JAN. 1962<	1962
19630033914	FPS-16 RADAR/SPHERICAL BALLOON TABULATED WIND DATA, CAPE CANAVERAL, FLORIDA	1962
19630033915	PROCEEDINGS OF THE AIR FORCE SCIENCE & ENGINEERING SYMPOSIUM, VOLUME I, AEROSPACE MEDICAL DIVISION, AFSC, BROOKS AFB, TEXAS, 9-10-11 OCTOBER 1962	1962
19630033916	A SURVEY OF THE TRENDS IN FLIGHT MECHANICS	1962
19630033917	THE ELECTRIC PROPULSION CONCEPT - PAST, PRESENT, FUTURE	1962
19630033918	COMMUNICATIONS BY ELECTROMAGNETIC PROPAGATION THROUGH THE EARTH'S LITHOSPHERE	1962
19630033919	NULL CONGRUENCES AND GRAVITATIONAL RADIATION	1962
19630033920	PYROLYTICALLY DEPOSITED COMPACT TUBULAR THIN FILMS FOR ELECTRONIC SYSTEMS	1962
19630033921	A POTENTIAL ELEVATED-TEMPERATURE MASER MATERIAL	1962
19630033922	ANALYSIS OF AXIAL MODES IN RUBY LASERS	1962
19630033923	GAS CHROMATOGRAPHY OF METAL CHELATES	1962
19630033924	A BROADBAND MICROWAVE TRANSFORMER	1962
19630033926	ELECTROMAGNETIC FIELD FORCES APPLIED TO AERODYNAMICS, FLUID MECHANICS AND MATERIALS BEHAVIOR	1962
19630033927	REENTRY COMMUNICATIONS AND THE PLASMA SHEATH PROBLEM	1962
19630033928	THE RELATIONSHIP OF SELECTED PERSONALITY FACTORS TO PERCEPTION UNDER DIFFERENTIAL STRESS	1962
19630033929	A REAL-TIME ENERGY MANAGEMENT DISPLAY TECHNIQUE FOR RECOVERY CONTROL OF HYPERSONIC MANEUVERABLE VEHICLES	1962
19630033930	LIFE SUPPORT IN SPACE FLIGHT	1962
19630033931	PHYSIOLOGIC FACTORS IN SPACECRAFT ATMOSPHERE SELECTION	1962
19630033932	CHANGES IN HUMAN CELLS FOLLOWING SPACE FLIGHTS	1962
19630033933	AN EVALUATION OF THE ROLE OF THE PILOT AND REDUNDANT/EMERGENCY SYSTEMS IN THE X-15 RESEARCH AIRPLANE	1962
19630033934	SELF REPAIR TECHNIQUES	1962
19630033935	THE IN VIVO EFFECTS OF HYDRAZINE-TYPE ROCKET PROPELLANTS ON THE METABOLISM OF GABA	1962
19630033936	ON THE REPRESENTATION OF AIR DENSITY IN SATELLITE DECELERATION EQUATIONS BY POWER FUNCTIONS WITH INTEGRAL EXPONENTS	1962
19630033937	A FLIGHT DISPLAY FOR AN HYPERSONIC LIFTING RE-ENTRY VEHICLE	1962
19630033939	THERMOELECTRIC COOLING BELOW SEVENTY-SEVEN DEGREES KELVIN	1962
19630033940	ANALYSIS OF SYSTEMATIC ERRORS OF SMOOTHING PROCESSES	1962
19630033943	RESEARCH ON DIFFUSION OF HYDROGEN THROUGH PALLADIUM MONTHLY PROGRESS REPORT	1962
19630033979	WEAPON SYSTEM RELIABILITY HISTORY - MISSILE /GROUND TEST/	1962
19630033988	DEVELOPMENT OF REFRACTORY CERAMICS THAT CAN BE PROCESSED AT TEMPERATURES CONSIDERABLY LOWER THAN THEIR MAXIMUM USE TEMPERATURE QUARTERLY PROGRESS REPORT II, JULY 1 - OCT. 1, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033993	NGL PLATFORM NUCLEAR RADIATION PROGRAM. VOLUME I - RESEARCH AND ANALYTICAL DATA SECTION <FINAL REPORT<	1962
19630034002	ANALYTICAL COMPARISON OF SEVERAL TECHNIQUES FOR DETERMINING PARAMETERS OF LASER-INDUCED IONIZATION	1962
19630034003	HIGH TEMPERATURE INORGANIC STRUCTURAL COMPOSITE MATERIALS <FINAL REPORT, DEC. 14, 1960 - DEC. 15, 1961<	1962
19630034004	GENERAL RESTRAINTS ON PAYLOAD DESIGN - DELTA PROJECT	1962
19630034010	SURFACE-TO-AIR RETRIEVAL OF HEAVY SPACECRAFT BY FIXED-WING AIRCRAFT. VOLUME I - INITIAL FEASIBILITY STUDIES	1962
19630034011	SURFACE-TO-AIR RETRIEVAL OF HEAVY SPACECRAFT BY FIXED-WING AIRCRAFT. VOLUME II - DEVELOPMENT OF ANALYTICAL TECHNIQUES	1962
19630034024	A DETERMINISTIC STUDY OF DELTA MODULATION	1962
19630034029	THE DEVELOPMENT OF FLEXIBLE HEAT SHIELD CURTAINS FOR THE SATURN LAUNCH VEHICLE	1962
19630034035	PROJECT MERCURY- GROUND COMMUNICATIONS NETWORK DESCRIPTION	1962
19630034036	DESIGN AND DEVELOPMENT OF HYDROGEN-OXYGEN FUEL CELL POWERPLANT SECOND QUARTERLY PROGRESS REPORT, OCT. 1 - DEC. 31, 1961	1962
19630034044	RESEARCH ON DIFFUSION OF HYDROGEN THROUGH PALLADIUM QUARTERLY PROGRESS REPORT, MAY - JULY 1962	1962
19630034050	ATMOSPHERIC ENVIRONMENT FOR THE FLIGHT OF SATURN /SA-2/	1962
19630034053	HIGH TEMPERATURE MAGNESIUM FORGING FINAL TECHNICAL ENGINEERING REPORT <FEB. 6, 1958 - AUG. 1, 1961<	1962
19630034062	COLLISIONS OF LIQUID DROPS WITH LIQUIDS. PART II- CRATER DEPTH IN FLUID IMPACTS	1962
19630034076	DEPARTURES FROM LOCAL THERMODYNAMIC EQUILIBRIUM IN AN AO STAR ATMOSPHERE	1962
19630034088	PERFORMANCE ANALYSIS- POLARIS A3 FIRST STAGE, GLASS FILAMENT CHAMBER, S/N 529218, MANUFACTURED BY U.S. RUBBER COMPANY	1962
19630034090	Techniques of Circuit Fabrication with State-of-the-Art, Weldable Multilayer Boards	1962
19630034092	SUMMARY OF CONFERENCE WITH MEMBERS OF MANNED SPACEFLIGHT SUBCOMMITTEE OF HOUSE COMMITTEE ON SCIENCE AND ASTRONAUTICS AT THE NASA LAUNCH OPERATIONS CENTER, COCOA BEACH, FLORIDA, MARCH 23, 1962	1962
19630034099	HIGH VISCOSITY REFRACTORY THERMAL PROTECTION MATERIALS QUARTERLY REPORT NO. 1, 12 JUNE - 1 SEPT. 1962	1962
19630034108	NASA - GSFC OPERATIONS PLAN 8-62, MICROMETEOROID SATELLITE /S-55B/	1962
19630034112	Saturn C-5 Facilities Evaluation for Complex 39	1962
19630034114	INSTRUMENTATION OPERATIONS ANALYSIS. ATLAS-AGENA VEHICLE RA-4	1962
19630034118	Ground Support and Data Analysis and Associated Research and Development for the Rocket Grenade Experiment Final Report, July 16, 1960 - Sept. 15, 1962	1962
19630034120	A ONCE-THROUGH DIRECT STEAM GENERATING REACTOR FOR SPACE APPLICATIONS	1962
19630034131	RAND'S LOGISTICS RESEARCH PROGRAM	1962
19630034132	MICROWAVE PROPAGATION IN AN OVERDENSE BOUNDED MAGNETOPLASMA	1962
19630034134	THE DEVELOPMENT OF FLEXIBLE HEAT SHIELD CURTAINS FOR THE SATURN LAUNCH VEHICLE. MEMORANDUM REPORT	1962
19630034152	STUDY OF DETONATION IN OZONE-OXYGEN MIXTURES	1962
19630034156	THE DEVELOPMENT OF FLEXIBLE HEAT SHIELD CURTAINS FOR THE SATURN LAUNCH VEHICLE MEMORANDUM REPORT, APR. 1962 MAY 11, 1962	1962
19630034170	ENGINEERING AND SCIENTIFIC GOALS OF THE NASA MANNED SPACE FLIGHT PROGRAM	1962
19630034190	OXIDIZER AND FUEL SUBSTITUTE STUDIES	1962
19630034193	J93-MJ252H/MJ280G TURBOJET BOOSTER RECOVERY AND LANDING ENGINES N. AUG. 27, 1962	1962
19630034206	FUNDAMENTAL CHARACTERISTICS OF THE TURBULENT BOUNDARY LAYER IN ADVERSE PRESSURE GRADIENTS	1962
19630034210	SPARROW III MISSILE SYSTEMS R & D PROGRAM /U/ QUARTERLY PROGRESS REPORT NO. 3, 1 JULY - 30 SEPT. 1962 OCT. 31, 1962	1962
19630034215	ROCKET-GENERATED MECHANICAL WAVES IN THE IONOSPHERE	1962
19630034216	Apollo Rendezvous Simulator Study	1962
19630034217	APOLLO RENDEZVOUS SIMULATOR STUDY. VOLUME VII- VEHICLE ANALYSIS - WEIGHT ANALYSIS TECHNICAL DATA REPORT	1962
19630034222	Apollo Rendezvous Simulator Study	1962
19630034226	FEASIBILITY DEMONSTRATION OF LARGE SEGMENTED SOLID PROPELLANT ROCKET MOTOR WITH DUAL TVC SYSTEM AND THERMAL GRAIN STRUCTURAL ANALYSIS, VOLUME I /U/ TECHNICAL NOTE NO. 2, 1 MAR. 1962-30 MAY 1962	1962
19630034227	SUSCEPTIBILITY OF SOLID COMPOSITE PROPELLANTS TO EXPLOSION OR DETONATION /U/ QUARTERLY REPORT, 16 APR. - 15 JULY 1962	1962
19630034232	RL10 ROCKET ENGINE /U/ MONTHLY TECHNICAL REPORT, 1 APR. - 1 MAY 1962	1962
19630034241	PROCESS DEVELOPMENT, PREPILOT AND PILOT PLANT INVESTIGATIONS - HIGH ENERGY BORON FUELS FINAL TECHNICAL ENGINEERING REPORT, 19 JUNE 1957 - 19 MAY 1961	1962
19630034242	SATELLITE-TRACKED HORIZONTAL SOUNDING SYSTEM	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034263	PERSONNEL RESTRAINT SYSTEMS STUDY - BASIC CONCEPTS	1962
19630034266	STUDY OF PROCESSING HISTORY ON FRACTURE OF MATERIALS AT HIGH STRENGTH LEVELS PROGRESS REPORT NO. 3, NOV. 1, 1962 - JAN. 31, 1963	1962
19630034284	LIFE SUPPORT SYSTEMS AND EQUIPMENT - A SUMMARY OF LIFE SUPPORT ENGINEERING ACTIVITIES	1962
19630034286	AN/FPS-16 RADAR CHARACTERISTICS INTERNAL TECHNICAL REPORT JULY 1962	1962
19630034296	MODEL F-1 ENGINE THERMAL ANALYSIS	1962
19630034297	MINIMIZATION OF THE ANGLE BETWEEN TARGET AND CHASER ORBITAL PLANES WITH REFERENCE TO CHASER LAUNCH TIME VARIATIONS	1962
19630034299	THE DAMPING FACTOR PROVIDED BY FLAT ANNULAR RING BAFFLES FOR FREE FLUID SURFACE OSCILLATIONS	1962
19630034303	FOREAL - A PROPOSAL FOR A FORTRAN REAL-TIME CONTROL PROGRAM TECHNICAL REPORT NO. 3	1962
19630034312	INVESTIGATION INTO THE BALLOON ACCIDENT AT UPAVON ON 16TH JUNE 1962	1962
19630034315	DEVELOPMENT AND QUALIFICATION OF CUTTER, CARTRIDGE ACTUATED, T3 TECHNICAL REPORT <MAR. 1957 - OCT. 1958<	1962
19630034316	DEVELOPMENT AND QUALIFICATION OF THRUSTER, PROPELLANT ACTUATED, T25 <FINAL REPORT, JUNE 1957 - OCT. 1958<	1962
19630034317	THE EFFECT OF CAMBER AND TWIST ON WING PRESSURE DISTRIBUTIONS FOR MACH NUMBERS FROM 2 TO 7.6. PART I- EXPERIMENTAL DATA <FINAL REPORT<	1962
19630034320	BASIC INVESTIGATION OF THE OPERATION OF PROPELLANT ACTUATED DEVICES IN SPACE ENVIRONMENT. PHASE III - EXPERIMENTAL STUDIES. PART I - NUCLEAR IRRADIATION TECHNICAL DOCUMENTARY REPORT <JULY 1959 - DEC. 1960<	1962
19630034323	AN INVESTIGATION OF THE LANDING LOADS EXPERIENCED BY THE A4D-2 AIRPLANE DURING FLIGHT TESTS AND DROP TESTS AND A COMPARISON WITH THEORY FINAL REPORT	1962
19630034335	ATMOSPHERIC TURBULENCE AT LOW ALTITUDES	1962
19630034336	DEVELOPMENT OF HIGH CAPACITY HEAT STORAGE MATERIALS, PHASE I - STUDY OF MATERIALS	1962
19630034339	IMPROVED THRUSTER DAMPER MEDIA, LIQUID PHASE. PART II- THIXOTROPIC GELS <TECHNICAL REPORT<	1962
19630034344	STRIPLAP METHOD OF ROCKET MOTOR CASE FABRICATION INTERIM TECHNICAL ENGINEERING REPORT, 7 MAR. - 6 JUNE 1962	1962
19630034353	A REAL-TIME INPUT/OUTPUT PROGRAM WITHIN THE FORTRAN SYSTEM TECHNICAL REPORT NO. 4	1962
19630034360	LOADS EXPERIENCED BY A4D-2 AIRPLANE DURING LANDINGS WITH EXTERNAL STORES, DURING LANDINGS ON AN ARRESTING CABLE AND DURING UNSYMMETRICAL LANDINGS FINAL REPORT	1962
19630034365	BIOCHEMICAL FUEL CELLS FIRST QUARTERLY PROGRESS REPORT, JULY 1962 TO SEPT. 30 1962	1962
19630034368	RESEARCH ON HIGH POWER WINDOWS THIRD PROGRESS REPORT FOR PERIOD ENDING NOV. 1962	1962
19630034372	A ROTOR BLADE VIBRATORY STRESS INVESTIGATION OF THE E7-9A COMPRESSOR ON THE J85-GE-5 TURBOJET ENGINE	1962
19630034377	AN INVESTIGATION OF THE CALIBRATION OF A MICRO-THRUST STAND	1962
19630034386	INSTRUMENTATION OPERATIONS ANALYSIS, MARINER R /MR-1/	1962
19630034403	SPECIFICATIONS FOR AN ORBITING ASTRONOMICAL OBSERVATORY	1962
19630034404	LARGE-AREA ELECTRONIC DISPLAY PANEL SECOND QUARTERLY PROGRESS REPORT, 1 SEPT. 1962 THROUGH 30 NOV. 1962	1962
19630034407	APOLLO- 25 IRIG PROGRAM PLAN. REVISION A DEC. 31, 1962	1962
19630034431	A COMPARISON OF THREE METHODS FOR SUPPLYING THE RESTORING TORQUE TO A JUNGHANS ESCAPEMENT WHEN THAT ESCAPEMENT IS SUBJECTED TO SPIN MEMORANDUM REPORT	1962
19630034456	ANALYTICAL STUDY OF SATELLITE DAMPING TECHNIQUES	1962
19630034457	RADIOMETRIC VERTICAL SENSING STUDY <INTERIM REPORT<	1962
19630034480	DEVELOPMENT OF ECONOMIC QUANTITY/QUALITY MANUFACTURING METHODS FOR A KA-BAND TUNABLE MAGNETRON INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, <NO. 1<, SEPT. 21, 1962 - DEC. 21, 1962	1962
19630034484	FABRICATION OF LIGHTWEIGHT PARABOLIC CONCENTRATORS FROM AN EPOXY CONVEX MASTER FINAL REPORT	1962
19630034494	STUDY OF ORBITAL LAUNCH OPERATIONS, VOLUME V- COMMUNICATIONS, ATTITUDE CONTROL, AND SECONDARY POWER PHASE II PROGRESS REPORT, JUNE 14, 1961 - JAN. 16, 1962	1962
19630034500	DEVELOPMENT OF ALUMINUM CASTINGS WITH HIGH IMPACT STRENGTH AT LOW TEMPERATURES SUMMARY REPORT <JUNE 26, 1961 - JUNE 26, 1962<	1962
19630034503	AMBIPOLAR DIFFUSION IN SEMICONDUCTORS	1962
19630034505	MATERIALS FOR THE MACH 3 TRANSPORT	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034506	THE TOTAL ELECTRON CONTENT OF THE IONOSPHERE FROM THE REFRACTION OF SATELLITE SIGNALS	1962
19630034510	CONVERSION OF HIGH MODULUS MATERIALS INTO FLEXIBLE FABRIC STRUCTURES <FINAL REPORT, OCT. 1961 - JULY 1962<	1962
19630034515	ELECTRICAL CONTACTS IN VACUUM, /A/ BRUSHES STATUS REPORT NO. 2	1962
19630034518	THE TRANSFORMER RATIO-ARM BRIDGE AS A TRANSDUCER INPUT NETWORK	1962
19630034520	A SURVEY OF SOME FAST-RESPONDING PRESSURE TRANSDUCERS	1962
19630034525	THE SPECIFIC HEAT FROM 0 TO 1150 C AND HEAT OF FUSION OF POTASSIUM	1962
19630034531	MONTE CARLO STUDIES OF NEUTRON PENETRATION	1962
19630034532	ADVANCED ORBITING SOLAR OBSERVATORY STABILIZATION AND CONTROL SYSTEM STUDY	1962
19630034534	INTERNAL SURFACE TEMPERATURE HISTORIES OF THE THOR-DELTA SYNCOM A-25 PAYLOAD SHROUD /BLOCK II BOOSTER/	1962
19630034536	THE CELL STRUCTURE OF THE ATMOSPHERE. A HYPOTHESIS ON THE INFLUENCE OF THE CIRCULATION SYSTEMS ABOVE AND BELOW THE SEPARATING LAYER AT 20 KM ALTITUDE SCIENTIFIC REPORT NO. 9	1962
19630034537	THE CELL STRUCTURE OF THE ATMOSPHERE. HORIZONTAL GRADIENTS OF PRESSURE, TEMPERATURE AND DENSITY TO AN ALTITUDE OF 30 KM SCIENTIFIC REPORT NO. 8	1962
19630034538	LARGE-AREA ELECTRONIC DISPLAY PANEL FIRST QUARTERLY PROGRESS REPORT, JUNE 1, 1962 - AUG. 31, 1962	1962
19630034539	APPENDIX I. PROJECT ORGANIZATION AND TECHNICAL APPROACH FOR TECHNIQUES FOR LARGE-AREA ELECTRONIC DISPLAY PANEL	1962
19630034540	APPENDIX II. R62ELS-76 "TABULATION OF THE REFLECTION FUNCTION"	1962
19630034541	APPENDIX III. R56ELS-113 DEFLECTION DISTORTION OF THE RING YOKE, AS THEY RELATE TO THE CONVERGENCE PROBLEM OF TRIPLE BEAM COLOR	1962
19630034574	B-58 ESCAPE CAPSULE STABILIZATION PARACHUTE SYSTEM DEVELOPMENT	1962
19630034588	POLARIS POWER-PLANT DEVELOPMENT /U/ QUARTERLY PROGRESS REPORT NO. 4, MAY - JULY 1962	1962
19630034590	[No Title]	1962
19630034594	[No Title]	1962
19630034599	SUMMARY OF THE DEVELOPMENT OF THE CSL FEASIBILITY TEST ELECTRIC VACUUM GYROSCOPE	1962
19630034601	THIXOTROPIC PACKAGED LIQUID PROPELLANTS	1962
19630034610	Intercenter Technical Conference on Control, Guidance and Navigation Research for Manned Lunar Missions, AMES Research Center, July 24-25, 1962 A Compilation of the Papers Presented	1962
19630034611	A Description of the Apollo Spacecraft Guidance and Navigation System	1962
19630034612	Apollo Flight Plans	1962
19630034613	Guidance and Control System for Saturn	1962
19630034614	Guidance and Space Flight Theory Research at George C. Marshall Space Flight Center	1962
19630034615	A Technique which Rapidly Converges upon Initial Conditions for Lunar Trajectories	1962
19630034616	Summary of Research Applicable to Earth Orbit Rendezvous	1962
19630034617	Fixed-Base Manned Visual Docking Simulation, Using A Closed-Circuit Television System with an Analog Computer	1962
19630034618	Pilot Control of Orbital Docking	1962
19630034619	A Study of Orbital Docking Dynamics	1962
19630034620	Pilot Utilization During Boost	1962
19630034621	Recent X-15 Flight Test Experience with the MH-96 Adaptive Control System	1962
19630034622	Radio-Command Midcourse Guidance Analysis	1962
19630034623	Accuracy of Position Fixing and Orbit Determination from Various Optical Measurements Made Onboard a Circumlunar Vehicle	1962
19630034624	Investigation of Method of Programing Corrections on Guidance of A Space Vehicle Approaching the Earth	1962
19630034625	Midcourse Navigation Scheme	1962
19630034626	Accuracy Requirement and Possible Simplifications for A Midcourse Navigation System	1962
19630034627	Abort from the Midcourse Region of A Lunar Mission	1962
19630034628	Characteristics of Orbits which Return to A Specified Landing Site from Points in the Immediate Vicinity of the Moon	1962
19630034629	Flight Simulator Program to Support Research on Midcourse Guidance, Control, and Navigation Problems for Project Apollo	1962
19630034630	Comparison of Several Lunar Descent Maneuvers	1962
19630034631	Dynamics and Control of the Translation Maneuver	1962
19630034632	Application of the RL-10 Pump Fed Hydrogen-Oxygen Engine for Lunar Landing Missions	1962
19630034633	Guidance Techniques for Lunar Approach and Letdown of the Apollo Spacecraft	1962
19630034634	The Determination of Lunar Landing Sites from Orbital Mechanics Considerations	1962
19630034635	Optimization OF Lunar Rendezvous Trajectories	1962
19630034636	Lunar Satellite Perturbations	1962
19630034637	Lunar Hovering and Translation Studies	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034638	Pilot Visibility Considerations in Lunar Landing Operations	1962
19630034639	Abort Considerations for Manned Lunar Landing Through Use of Lunar-Orbit Rendezvous	1962
19630034640	Visual Acuity Tests	1962
19630034641	Concept of A Free-Flying Lunar-Landing and Take-off Research Vehicle	1962
19630034642	The Langley Lunar Letdown Simulator	1962
19630034643	Lunar Landing Research Facility	1962
19630034644	Simulator Investigation of Pilot-Control Capability During Earth Entry from A Lunar Mission	1962
19630034645	Summary of Low-Speed Paraglider Flight Investigations Part I - Performance and Control Characteristics. Part II - Flare and Landing	1962
19630034646	Simulator Studies of Pilot Control During Atmosphere Entry with the Apollo Capsule	1962
19630034647	Long-Range Trajectory Guidance of a Low L/D Vehicle Entering the Earth's Atmosphere at Parabolic Velocity	1962
19630034648	A Study of Emergency Guidance and Control Procedure for the Midcourse and Reentry Phases of the Apollo Mission	1962
19630034649	Studies of Manned Optical Navigation Instruments	1962
19630034650	Spacecraft Digital Computer Systems Components Research	1962
19630034651	Studies of an Attitude Controller Using the Twin Gyro Principle	1962
19630034652	TV Research and Automatic Tracker Research Related to Space Vehicles	1962
19630034653	Human Transfer Function Study	1962
19630034667	INSTRUMENTATION OPERATIONS ANALYSIS, CENTAUR F-1 VEHICLE	1962
19630034674	PHENYLENE SULFIDE POLYMERS, PART II <INTERIM REPORT, MAR. - DEC. 1962<	1962
19630034691	COMBINED ENVIRONMENTAL EFFECTS ON NUCLEAR ROCKET MATERIALS	1962
19630034695	SAFETY REVIEW, LIQUID HYDROGEN SERVICING SYSTEM, PAD 37B, SATURN C-1, CAPE CANAVERAL, FLORIDA	1962
19630034718	PROJECT DEVELOPMENT PLAN- ORBITING SOLAR OBSERVATORY S-17	1962
19630034719	MARSHALL SPACE FLIGHT CENTER STUDY OF EARLY FLIGHT MANEUVER FOR LAUNCH PAD PROTECTION AND IMPROVEMENT OF ABORT CONDITIONS /S-SHAPED TILT MANEUVER/	1962
19630034723	THE THERMAL ENVIRONMENT OF THE TERRESTRIAL PLANETS	1962
19630034724	ELECTRICAL HARDWARE, EQUIPMENT, MATERIAL, AND METHODS USED IN SATURN GROUND SUPPORT EQUIPMENT	1962
19630034725	PROPULSION SYSTEM EVALUATION THROUGH FLIGHT SIMULATION	1962
19630034726	INSTRUMENTATION OPERATIONS ANALYSIS ATLAS-AGENA VEHICLE RA-3	1962
19630034734	MOTOR CASE FABRICATION TECHNIQUES AND APPLICATIONS	1962
19630034736	ELECTRONIC RESEARCH DIV. FERROELECTRIC CERAMIC FILTERS, IF TRANSFORMERS, AND NETWORKS THIRD QUARTERLY REPORT, 1 JUNE 1962 - 31 AUG. 1962	1962
19630034737	DEVELOPMENT OF A MICROTHRUST BALANCE FOR SPACECRAFT ELECTRIC ENGINES	1962
19630034739	EXPERIMENTAL INVESTIGATION OF THE STATIC LONGITUDINAL STABILITY AND DRAG CHARACTERISTICS OF SIX PRELIMINARY NOVA CONFIGURATIONS	1962
19630034742	OPERATIONS PLAN E-61- /P-21/ ELECTRON DENSITY PROFILE PROBE	1962
19630034753	SOME OPTICAL CONTRAST SEEKER SYSTEM CONSIDERATIONS G. WILLEMS DEC. 31, 1962	1962
19630034754	PROCEDURE FOR SOLDERING OF ELECTRICAL CONNECTIONS /HIGH RELIABILITY/	1962
19630034755	SPECIAL OPERATIONS PLAN A-62 NAVY COMPOSITE I /BUCKSHOT/	1962
19630034776	RL10 ROCKET ENGINE	1962
19630034780	EFFECT OF EGME ON VARIOUS ELASTOMERS AND JP-6 THERMAL STABILITY	1962
19630034788	SPACE ELECTRIC POWER SYSTEMS STUDY FOURTH QUARTERLY PROGRESS REPORT, AUG. 8 - NOV. 8, 1962	1962
19630034789	A CALIBRATION AND CHECKOUT TESTER FOR EXCEEDINGLY LOW ACCELERATION	1962
19630034800	INVESTIGATION OF THE SUN'S X-RAY RADIATION, I. MEASUREMENTS WITH THE HELP OF GEOPHYSICAL ROCKETS <ISSLEDOVANIYA RENTGENOVSKOGO IZLUCHENIYA SOLNTSA, I. ISMERENIYA PRI POMOSHCHI GEOFIZICHESKIKH RAKET<	1962
19630034807	RESEARCH ON ADVANCED PHYSICAL APPROACHES TO ELECTROMAGNETIC WINDOW DESIGN. PART I- STRUCTURAL INVESTIGATION OF ELECTROMAGNETIC WINDOWS <FEB. 26, 1960 - JULY 31, 1961<	1962
19630034815	A COMMUNICATION SYSTEM FOR AN EARTH-CONTROLLED LUNAR SURFACE VEHICLE	1962
19630034816	DYNAMIC ANALYSIS OF A LUNAR VEHICLE WITH FOUR ELASTIC WHEELS	1962
19630034857	DEVELOPMENT OF HIGH TEMPERATURE AIRCRAFT ELECTRICAL SYSTEM <FINAL REPORT, JULY 1, 1957 - FEB. 15, 1962<	1962
19630034859	S-16 ORBITING SOLAR OBSERVATORY PRELIMINARY REPORT	1962
19630034893	RICHARDS' THEOREM FOR MATRICES	1962
19630034895	A METHOD VIRTUAL DISPLACEMENTS FOR ELECTROMECHANICAL SYSTEMS, INCLUDING THOSE WHICH CONTAIN PIEZOELECTRIC CRYSTALS AND MAGNETOSTRICTION ELEMENTS	1962
19630034939	ROLLING IMPROVED BERYLLIUM SHEET PHASE III - PILOT PLANT INTERIM ENGINEERING PROGRESS REPORT, SEPT. 1, 1962 - DEC. 31, 1962	1962
19630034940	HIGH POWER MICROWAVE FERRITES AND DEVICES NINTH QUARTERLY PROGRESS REPORT, JULY 1 - SEPT. 30, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034941	MAGNETIZATION IN THE PARALLEL PUMP EXPERIMENT, APPENDIX A	1962
19630034942	PARALLEL PUMPING IN PLANAR ZN SUB 2 Y, APPENDIX B	1962
19630034943	WORK HARDENING OF ZINC CRYSTALS BY HIGH-AMPLITUDE ULTRASONIC WAVES	1962
19630034945	POLYCRYSTALLINE CERAMIC FIBER REINFORCEMENTS FOR HIGH-TEMPERATURE STRUCTURAL COMPOSITES SEVENTH QUARTERLY REPORT, OCT. 1, 1962 - DEC. 31, 1962	1962
19630034969	ENGINEERING PROPERTIES OF EXPLOSIVELY WORK-HARDENED STEELS	1962
19630034971	DESIGN AND FEASIBILITY TESTING OF AN EXPLOSIVE FLIGHT TERMINATION DEVICE FOR THE F9F AERIAL TARGET <NOV. - DEC. 1961<	1962
19630034975	A PORTABLE COMBINATION DOSE-DOSE-RATE METER	1962
19630034976	A TARGET AIRCRAFT EMERGENCY FLIGHT TERMINATION SYSTEM	1962
19630034978	OPTIMUM FILAMENT-WOUND CONSTRUCTION FOR CYLINDRICAL PRESSURE VESSELS QUARTERLY REPORT NO. 4, AUG. 1 - NOV. 30, 1962	1962
19630034980	LOW CYCLE FATIGUE OF TI-6Al-4V AT -423 DEG F	1962
19630034997	PROCESS DEVELOPMENT, PREPILOT AND PILOT PLANT INVESTIGATIONS - HIGH ENERGY BORON FUELS /U/ FINAL TECHNICAL ENGINEERING REPORT, 19 JUNE 1957 - 19 MAY 1961	1962
19630034998	PROCESS DEVELOPMENT, PREPILOT AND PILOT PLANT INVESTIGATIONS - HIGH ENERGY BORON FUELS /U/ FINAL TECHNICAL ENGINEERING REPORT, 19 JUNE 1957 - 19 MAY 1961	1962
19630034999	PROCESS DEVELOPMENT, PREPILOT AND PILOT PLANT INVESTIGATIONS - HIGH ENERGY BORON FUELS /U/ FINAL TECHNICAL ENGINEERING REPORT, 19 JUNE 1957 - 19 MAY 1961	1962
19630035005	ALTITUDE TEST OF A HERCULES WING I QUALITY ASSURANCE M-57 THIRDSTAGE MINUTEMAN MOTOR /MOTOR SERIAL NUMBER 1A5/	1962
19630035020	INVESTIGATION OF POLYBENZIMIDAZOLE FIBERS AT HIGH TEMPERATURE <FINAL REPORT, MAY - DEC. 1961<	1962
19630035032	STUDIES OF DISPLAY SYMBOL LEGIBILITY- THE EFFECT OF LINE CONSTRUCTION, EXPOSURE TIME, AND STROKE WIDTH	1962
19630035038	COMMON AVIATION WEATHER SYSTEM DESIGN REPORT NO. 2 JULY 1962	1962
19630035042	ELECTROMAGNETIC FIELDS IN A HALF-SPACE FREE OF SOURCES	1962
19630035047	DEVELOPMENT OF C-BAND BEACON FERRITE DUPLEXER, PHASE III THIRD QUARTERLY REPORT, JULY 31 - OCT. 30, 1962	1962
19630035052	SUPER-SATELLITE ENTRY CORRIDOR ANALYSIS FOR LIFTING VEHICLES	1962
19630035056	HIGH TEMPERATURE PROPERTIES OF NI-2THO SUB 2	1962
19630035057	OXIDATION CHARACTERISTICS OF NI-2THO SUB 2, PART I	1962
19630035058	MECHANICAL PROPERTIES OF OXIDIZED NI-2THO SUB 2, PART II	1962
19630035072	[No Title]	1962
19630035101	THE DEVELOPMENT OF AN OPERATIONAL CONTRAIL SUPPRESSION SYSTEM	1962
19630035105	LOW-VOLUME RAMJET /U/ QUARTERLY REPORT, MAY THROUGH JULY 1962	1962
19630035106	[No Title]	1962
19630035109	THE PREPARATION OF TRIAMINOQUANIDINE SALTS FROM DICYANDIAMIDE	1962
19630035118	[No Title]	1962
19630035123	PROPULSION LABORATORY, QUARTERLY REPORT, 1 OCTOBER - 31 DECEMBER 1962	1962
19630035124	[No Title]	1962
19630035133	MINUTEMAN PROGRAM- THIRD STAGE MOTOR, WEAPON SYSTEM 133A /U/ QUARTERLY PROGRESS REPORT, JULY 1 - SEPT. 30, 1962 OCT. 31, 1962	1962
19630035136	AN INVESTIGATION OF RECOMBINATION AND PARTICLE LAG EFFECTS IN ROCKET NOZZLES /U/ FIRST QUARTERLY TECHNICAL SUMMARY REPORT	1962
19630035155	AN INVESTIGATION OF RECOMBINATION AND CONDENSATION EFFECTS IN ROCKET NOZZLES /U/ FOURTH QUARTERLY TECHNICAL SUMMARY REPORT <FEB. 15 - MAR. 15, 1962<	1962
19630035167	A PARALLEL MULTIPLIER ADDER SUBTRACTOR UNIT FOR THE DRTE COMPUTER	1962
19630035193	HEXAGONAL MAGNETIC COMPOUNDS QUARTERLY REPORT NUMBER 3, DEC. 15, 1961 - MAR. 14, 1962	1962
19630035198	RESULTS OF FLIGHT TEST PROGRAM TO EVALUATE AFCS MODIFICATIONS TO IMPROVE MALFUNCTION PROTECTION AND STABILITY AUGMENTATION RELIABILITY ON F-105B AND D AIRCRAFT	1962
19630035199	DISPERSION STUDY AND LAUNCH DATA FOR THE EXOS V /PROJECT 8605W4/	1962
19630035202	SOLID STATE ANALOG SWITCHING MATRIX FOR ELECTRO-LUMINESCENT DISPLAY INTERIM REPORT	1962
19630035211	CHEMICAL REACTIONS BETWEEN PROPELLANT GASES AND NOZZLE MATERIALS	1962
19630035238	SUMMARY OF RECENT EXPERIMENTS ON PULSED RADIATION EFFECTS ON ELECTRONIC COMPONENTS	1962
19630035239	ANALOG COMPUTER PREDICTION OF TRANSIENT NUCLEAR RADIATION EFFECTS	1962
19630035240	ACTUAL MEASUREMENT OF THE AGING OF FREQUENCY OSCILLATORS OPERATING IN OUTER SPACE	1962
19630035248	[No Title]	1962
19630035249	NEW TECHNIQUE FOR VIBRATION MOUNTING OF EQUIPMENT REQUIRING SPECIFIC ANGULAR ALIGNMENT	1962

Accession Number (DocID)	Title	Publication Year
19630035250	ACOUSTIC DESIGN AS EXEMPLIFIED BY THE MAULER WEAPON SYSTEM	1962
19630035252	SIMULATION OF TRANSPORTATION ENVIRONMENTS. THIRD-STAGE MINUTEMAN TRANSPORTATION PROGRAM TESTS	1962
19630035269	STUDY OF SOLID PROPELLANT SYSTEMS FOR SPACE PROPULSION. INTERIM REPORT, 12 MAR. TO 15 JUNE 1962	1962
19630035275	UNCONVENTIONAL NOZZLE STUDY /U/ FINAL REPORT	1962
19630035279	A PRELIMINARY NOTE ON THE BEHAVIOUR OF THE LEADING-EDGE VORTICES OF A DELTA WING FOLLOWING A SUDDEN CHANGE OF INCIDENCE	1962
19630035285	Ultra-Reliable Command Receiver, Final Report	1962
19630035286	PROGRESS REPORT <NO. 61 THROUGH< <NUCLEAR PHYSICS AND CHEMISTRY OF COSMIC RADIATION<	1962
19630035291	[No Title]	1962
19630035312	FREE-FLIGHT BALLISTICS RANGE TESTS OF MODELS FOR THE GE PROGRAM 1-62	1962
19630035344	LOW-VOLUME RAMJET /U/ QUARTERLY REPORT, AUG. - OCT. 1962	1962
19630035346	[No Title]	1962
19630035347	[No Title]	1962
19630035354	INSTRUMENTATION OPERATIONS ANALYSIS. PART IIB OF THE FIRING TEST REPORT SATURN VEHICLE SA-3	1962
19630035356	THE FAILURE TASK ANALYSIS	1962
19630035362	EXPERIMENTAL ADDITION OF CORRELATED RAYLEIGH VARIABLES	1962
19630035363	LONGITUDINAL STABILITY AND CONTROL EVALUATION OF THE F-105B-65 AIRPLANE WITH THREE AIRCRAFT LOADINGS INCLUDING A MN-1A DISPENSER ON THE LEFT INBOARD PYLON AND MA-2 ROCKET LAUNCHERS ON THE OUTBOARD PYLONS	1962
19630035364	DYNAMIC LONGITUDINAL STABILITY CHARACTERISTICS OF THE F-105D AIRPLANE WITH THREE AIRCRAFT LOADINGS INCLUDING A MN-1A DISPENSER ON THE LEFT INBOARD PYLON AND MA-2 ROCKET LAUNCHERS ON THE OUTBOARD PYLONS	1962
19630035367	THE USE OF THE RADICAL CAVITY MODES FOR DIELECTRIC DISTRIBUTION	1962
19630035378	SPACE MEASUREMENTS SURVEY FOR DEFENSE ATOMIC SUPPORT AGENCY. PART I- SATELLITES AND SPACE PROBES	1962
19630035392	CORROSION ANALYSIS OF SATURN LAUNCH VEHICLE, PHASE I ANNUAL REPORT	1962
19630035395	GLOSSARY OF IMPORTANT RELIABILITY TERMS	1962
19630035397	DEVELOPMENT OF A WINDSCREEN FOR LOW FREQUENCY MICROPHONES	1962
19630035432	INVESTIGATION OF PARAMETRIC DEVICES FOR APPLICATION TO TELEMETRY	1962
19630035460	Dsv-3A Delta Space Research Vehicle. Model Specification	1962
19630035472	ENGINEERING SERVICES AND SUPPORT FABRICATION WORK RELATING TO THE SATURN PROGRAM MONTHLY PROGRESS REPORT NO. 7, 1 JUNE 1962 - 30 JUNE 1962	1962
19630035476	FEASIBILITY STUDY FOR DEVELOPMENT OF A HYPERVELOCITY GUN SECOND QUARTERLY PROGRESS REPORT, JAN. 6, 1962 TO APR. 6, 1962	1962
19630035487	STUDIES ON THE RELIABILITY OF PARTICULATE CONTAMINATION ANALYSIS	1962
19630035493	AN ANALYSIS OF ROCKET ENGINE POSITION SERVOS INVOLVING LOAD RESONANCE PROBLEMS	1962
19630035500	DELTA RANGE SAFETY TRAJECTORY AND AERODYNAMIC DATA FOR THE S-99 PAYLOAD MISSION, VOLUME II, MODEL NO. DSV-3A	1962
19630035501	DELTA RANGE SAFETY TRAJECTORY AND AERODYNAMIC DATA FOR THE S-3C PAYLOAD MISSION, VOLUME II, DSV-3B	1962
19630035510	THE STATIC AEROELASTIC DEFORMATION OF SLENDER CONFIGURATIONS. PART IV - MANOEUVRE THEORY	1962
19630035511	THE STABILITY AND CONTROL OF FLEXIBLE SLENDER AIRCRAFT	1962
19630035524	AERODYNAMICS DIV. THE DESIGN OF LOW-SPEED WIND TUNNELS	1962
19630035525	THE CASE FOR ADAPTIVE AUTOSTABILIZATION OF AIRCRAFT	1962
19630035528	MAXIMUM RANGE OF HYPERSONIC RAMJETS	1962
19630035543	ADVANCED NUCLEAR ELECTRIC POWER GENERATOR SYSTEM STUDY, VOLUME II QUARTERLY PROGRESS REPORT, OCT. 1 - DEC. 31, 1962	1962
19630035548	DETAILED TEST OBJECTIVES FOR DELTA VEHICLE S/N 355/20001/20002. SPACECRAFT- RELAY A-15, VOLUME II	1962
19630035551	A NOTE ON THE POLARIZATION OF 16 MC/S RADIATION FROM JUPITER	1962
19630035564	PRELIMINARY STUDY OF THE USE OF INERT GAS AS THE WORKING FLUID IN POWER CONVERSION SYSTEMS	1962
19630035573	GRAPHICAL DATA PROCESSING RESEARCH STUDY AND EXPERIMENTAL INVESTIGATION FINAL REPORT NO. 12, 1 APR. 1960 TO 31 MAY 1963	1962
19630035600	QUARTZ CRYSTAL OSCILLATOR CIRCUITS. FINAL REPORT, 1 JULY 1961 - 30 JUNE 1962	1962
19630035601	PLANAR INTEGRATION OF THIN FILM FUNCTIONAL CIRCUIT UNITS THIRD QUARTERLY REPORT, 1 MAR. - MAY 1962	1962
19630035604	APOLLO GUIDANCE AND NAVIGATION. <ATMOSPHERIC REFRACTION AS A MEANS OF HORIZON DETERMINATION<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035610	TEMPERATURE, PRESSURE AND HEAT-TRANSFER MEASUREMENTS IN THE TWO-DIMENSIONAL NOZZLE OF A REFLECTED-SHOCK TUNNEL	1962
19630035614	DEVELOPMENT OF T8, T9, T10, T11, AND QUALIFICATION OF T7, T8, AND T9 DRAG CHUTE EJECTORS	1962
19630035623	DIFFUSION BONDED HONEYCOMB SANDWICH PANELS INTERIM ENGINEERING PROGRESS REPORT, JULY 27, 1962 - OCT. 27, 1962	1962
19630035630	INVESTIGATION OF THE PHYSICAL METALLURGY OF JOINING TUNGSTEN AND COLUMBIUM QUARTERLY PROGR. REPT. NO. 5, FEB. 1, 1962 - MAY 1, 1962	1962
19630035633	RESEARCH AND DEVELOPMENT IN CDS PHOTOVOLTAIC FILM CELLS SECOND QUARTERLY PROGRESS REPORT, 1 SEPT. - 30 NOV. 1962	1962
19630035636	TIROS III RADIATION DATA, USERS' MANUAL	1962
19630035645	RESULTS OF NASA-LOD SOUND PRESSURE LEVEL MEASUREMENTS DURING SA-2 LAUNCH	1962
19630035651	FEASIBILITY STUDY TOWARD DEVELOPMENT OF RADIATION RESISTANT SOLAR CELL INTERIM ENGINEERING REPORT, JULY 1 - OCT. 31, 1962	1962
19630035659	GENERAL TEST PLAN, DELTA SPACE RESEARCH VEHICLE	1962
19630035672	NUCLEAR ENGINE REQUIREMENTS FOR THE MANNED INTERPLANETARY PROGRAM	1962
19630035676	RESULTS OF A THERMODYNAMIC ANALYSIS OF PROPELLANT STORAGE DURING THE CENTAUR F-2 MISSION	1962
19630035692	PHOTOGRAPHY OF THE EARTH FROM SOUNDING ROCKETS AND SATELLITES A REVIEW	1962
19630035704	RADIATION EFFECTS ON SILICON SOLAR CELLS SECOND QUARTERLY PROGRESS REPORT, MAR. 1 - MAY 31, 1962	1962
19630035732	NOVA STUDY PROGRAM - WELDING PROGRAM WORK STATEMENT REV. SEPT. 18, 1962	1962
19630035758	APOLLO GUIDANCE AND NAVIGATION- CALIBRATION TECHNIQUES FOR PRECISION ROTARY COMPONENTS	1962
19630035759	CONCEPTUAL STUDY - SATURN OPERATIONAL FLIGHT CONTROL SCHEME, VOLUME I. OFC SYSTEM DESCRIPTION SUMMARY REPORT, DEC. 11, 1961 - SEPT. 11, 1962	1962
19630035762	CONFERENCE ON HIGH TEMPERATURE POLYMER AND FLUID RESEARCH	1962
19630035763	POLYAROMATICS	1962
19630035764	SYNTHESIS AND PROPERTIES OF HETEROCYCLIC POLYMERS	1962
19630035765	THE PREPARATION AND EVALUATION OF POLY/PHENYLENE/ TRIAZOLES	1962
19630035766	SYNTHESIS OF POLYTHIAZOLES AND POLYFLUOROOLEFINS	1962
19630035767	RESEARCH ON CONDENSATION OF DINITRILES, COORDINATION POLYMERS OF TRIAZINE, AND CONDENSATION POLYMERS OF TRIAZINE	1962
19630035768	SYNTHESIS STUDIES OF POLY-M-PHENOXYLENE	1962
19630035769	INVESTIGATION OF PHENYLENE SULFIDE POLYMERS	1962
19630035770	SYNTHESIS, STRUCTURE AND THERMAL STABILITY OF NITROGEN AND SULFUR-BRIDGED-S-TRIAZINE OLIGOMERS	1962
19630035771	THERMALLY STABLE PERFLUOROALKYL SUBSTITUTED POLYMERS	1962
19630035772	NOVEL POLYMERS BY THE DIELS-ALDER REACTION, CYCLOPOLYMERIZATION, AND THE POLYMERIZATION OF OPTICALLY ACTIVE MONOMERS	1962
19630035773	SPECTROMETRIC TECHNIQUES APPLIED TO THE INVESTIGATION OF THE THERMAL DEGRADATION OF POLYMERS	1962
19630035774	MECHANISM OF THERMAL DEGRADATION OF POLYMERS	1962
19630035775	TERMINATION MECHANISMS OF THE RADICAL POLYMERISATION OF ACRYLAMIDE	1962
19630035776	POLYMERS FROM DIAZOALKANES	1962
19630035777	THE PREPARATION AND THERMAL STABILITY PROPERTIES OF CERTAIN SILICON AND PHOSPHORUS CONTAINING HETEROCYCLIC POLYMERS	1962
19630035778	POLYMERIZATION OF NON-CONJUGATED DIOLEFINS	1962
19630035779	CYANOFLUOROCARBON POLYMERS	1962
19630035780	PHYSICAL CHEMISTRY OF POLYMERS IN DILUTE SOLUTION	1962
19630035781	RESEARCH PREPARATION AND PROPERTIES OF MONODISPERSE BRANCHED POLYSTYRENE	1962
19630035782	THE INFLUENCE OF STRUCTURE ON THE MOLECULAR MOBILITY AND RHEOLOGY OF AMORPHOUS MACROMOLECULAR SYSTEMS	1962
19630035783	EFFECTS OF ULTRAHIGH PRESSURES ON THE FORMATION AND PROPERTIES OF ORGANIC, SEMIORGANIC, AND INORGANIC MATERIALS	1962
19630035784	EVALUATION TECHNIQUES FOR SMALL POLYMER SAMPLES	1962
19630035785	SPECIFIC DILUENT EFFECTS ON THE ELASTIC PROPERTIES OF POLYMERIC NETWORKS	1962
19630035786	RESEARCH ON INORGANIC POLYMER SYSTEMS CONTAINING BORON AND ALUMINUM	1962
19630035787	BORON NITROGEN COMPOUNDS	1962
19630035788	RESEARCHES ON MODEL COMPOUNDS RELEVANT TO LINEAR BORON-NITROGEN POLYMERS	1962
19630035789	RESEARCH ON BOROPHANE, BORAZINE, AND PHOSPHORANE POLYMERS	1962
19630035790	POLYMER COMPONENTS INVOLVING PHOSPHORUS/III/	1962
19630035791	PI - BONDING IN INORGANIC SYSTEMS	1962
19630035792	ORGANOSILICON DERIVATIVES OF INORGANIC "BENZENOID" COMPOUNDS	1962
19630035793	THERMALLY STABLE PHOSPHONITRILE COMPOSITIONS	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035794	PHOSPHORUS-CONTAINING INORGANIC AND SEMIORGANIC POLYMERS	1962
19630035795	POLYMERIC PHOSPHORUS-NITROGEN COMPOUNDS	1962
19630035796	PREPARATION AND REACTIONS OF ISOCYANATES OF SULFURIC AND PHOSPHORIC ACID	1962
19630035797	METAL-SILOXY CONDENSATION	1962
19630035798	RESEARCH ON ORGANIC CHEMISTRY OF FERROCENE	1962
19630035799	METALLO-ORGANIC COMPOUNDS CONTAINING METAL-NITROGEN BONDS	1962
19630035800	CYCLIC ORGANOSILICON COMPOUNDS	1962
19630035801	T.N.O. SYNTHESIS OF ORGANOTIN POLYMERS BY POLY-ADDITION	1962
19630035802	ORGANOMETALLIC COMPOUNDS OF GROUP III, IV, AND V	1962
19630035803	A STUDY OF THE FRIEDEL-CRAFTS ACYLATION OF FERROCENE WITH PERFLUOROCARBOXYLIC ACID DERIVATIVES	1962
19630035806	HEXAGONAL MAGNETIC COMPOUNDS QUARTERLY REPORT NO. 4, MAR. 15, 1962 - JUNE 14, 1962	1962
19630035815	HANDBOOK OF AEROSPACE ENVIRONMENTS AND MISSIONS	1962
19630035824	FLIGHT REPORT FOR VEHICLE 345/2025/3022 - DELTA PROGRAM - MISSION NO. 13, S-3A SPACECRAFT	1962
19630035831	CHEMICALLY HEATED ZINC SILVER OXIDE BATTERY FIRST QUARTERLY PROGRESS REPORT, JULY 1, 1962 - SEPT. 30, 1962	1962
19630035841	LOW VISCOSITY BEARING STABILITY INVESTIGATION NATIONAL AERONAUTICS AND SPACE ADMINISTRATION THIRD QUARTERLY PROJECT STATUS REPORT FOR PERIOD ENDING AUG. 9, 1962	1962
19630035847	KINETIC THEORY OF FULLY IONIZED PLASMAS. PART C- SELECTED APPLICATIONS	1962
19630035849	KINEMATIC STUDIES OF EARLY-TYPE STARS. II. THE VELOCITY FIELD WITHIN 2 KILOPARSECS OF THE SUN	1962
19630035851	SUITABILITY OF THE DISCOVERER AND NERV ENTRY VEHICLE FOR MARS ATMOSPHERIC ENTRY, VOLUME I	1962
19630035856	PARAGLIDER DEVELOPMENT PROGRAM. PHASE IIA- TEST PLAN	1962
19630035866	PROPELLANTS DIVISION QUARTERLY PROGRESS, 1 JULY - 30 SEPTEMBER 1962	1962
19630035882	CENTAUR PERT REPORT	1962
19630035888	PERFORMANCE SUMMARY FOR THE NIKE-APACHE SOUNDING ROCKET VEHICLE	1962
19630035894	A STUDY OF SELECT CERAMIC OXIDE COMPOSITIONS AS HIGH TEMPERATURE /1600-2100 DEG K/ THERMAL ENERGY MATERIALS INTERIM REPORT, FEB. 1962 - OCT. 1962	1962
19630035899	FIXED FREQUENCY IONOSPHERE TOPSIDE SOUNDER SATELLITE, S-48	1962
19630035902	POLAR IONOSPHERE BEACON SATELLITE /S-66/ - SUMMARY PROJECT DEVELOPMENT PLAN	1962
19630035927	RELAY QUALIFICATION TEST DATA	1962
19630035940	UNITED STATES ARMY AVIATION CRASH INJURY RESEARCH FINAL REPORT, SEPT. 16, 1961 - DEC. 15, 1962	1962
19630035995	DELTA RANGE SAFETY LAND IMPACT PROBABILITY STUDY FOR THE S-3C PAYLOAD MISSION	1962
19630035996	MONTHLY TECHNICAL PROGRESS REPORT, SEPTEMBER 1962	1962
19630035997	Detailed Test Objectives for Delta Launch Vehicle S/N 355/20001/20009, Spacecraft: S-3C	1962
19630036003	CENTAUR - PERT REPORT PUBLISHED JULY 20, 1962	1962
19630036025	CRASH INJURY INVESTIGATION. H-23B HELICOPTER ACCIDENT	1962
19630036030	THE MANIPULATION, STRENGTH AND FATIGUE PROPERTIES OF TITANIUM TUBING FOR AIRCRAFT HYDRAULIC SYSTEMS	1962
19630036038	Programs, Concepts, and Ideas for NASA Long Range Plan	1962
19630036039	DETAILED TEST OBJECTIVES FOR DELTA LAUNCH VEHICLE S/N 346/2022/ 3016 SPACECRAFT S-3B	1962
19630036040	DELTA RANGE SAFETY TRAJECTORY AND AERODYNAMIC DATA FOR THE SYNCOM A-25 MISSION	1962
19630036041	DELTA RANGE SAFETY IMPACT PROBABILITY STUDY FOR THE RELAY A-15 PAYLOAD MISSION	1962
19630036043	[No Title]	1962
19630036046	F-1 Quarterly Progress Report	1962
19630036049	Delta Monthly technical Progress Report	1962
19630036050	DELTA RANGE SAFETY AND AERODYNAMIC DATA FOR THE RELAY A-15 PAYLOAD MISSION, VOLUME I	1962
19630036056	DELTA RANGE SAFETY LAND IMPACT PROBABILITY STUDY FOR THE S-99 PAYLOAD MISSION	1962
19630036058	FEASIBILITY INVESTIGATION OF REDUCTION IN TOTAL AMOUNT OF OXIDIZER VENTED OVERBOARD DURING RL10A-3 ENGINE PRESTART	1962
19630036062	CRITIQUE ON AVAILABLE NUCLEAR RADIATION EFFECTS DATA. INTERNAL NOTE	1962
19630036063	ENGINEERING PROPERTIES OF POTASSIUM SEVENTH QUARTERLY REPORT, APR. 1 - JUNE 30, 1962	1962
19630036065	RESEARCH AT CORNELL AERONAUTICAL LABORATORY OF INTEREST TO THE NASA COMMITTEE ON AIRCRAFT AERODYNAMICS	1962
19630036068	A FORTRAN PROGRAM TO CALCULATE COMPRESSIBLE FLOW PROPERTIES BEHIND SHOCK WAVES	1962
19630036069	COSMIC RAY MUONS	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036070	EMPIRICAL EQUATIONS TO DESCRIBE VERTICAL WIND SPEED CHANGE SPECTRUM, WIND SHEAR SPECTRUM AND SYNTHETIC WIND PROFILES	1962
19630036074	FEASIBILITY STUDY FOR DEVELOPMENT OF A HYPERVELOCITY GUN THIRD QUARTERLY PROGRESS REPORT, APR. 6 - JULY 6, 1962	1962
19630036080	THE INVISCID HYPERSONIC FLOW ON THE WINDWARD SIDE OF A POINTED DELTA WING	1962
19630036083	OPTICALLY PUMPED SOLID STATE MATERIALS	1962
19630036084	PHYSICAL AND CHEMICAL REDEPOSITION QUARTERLY PROGRESS REPORT, APR. 1 - JUNE 30, 1962	1962
19630036091	USE OF A SMALL COMPUTER IN THE RADIOCHEMISTRY COUNTING ROOM	1962
19630036113	CARBIDE CATHODE STUDIES, PHYSICAL AND CHEMICAL REDEPOSITION QUARTERLY PROGRESS REPORT, JAN. 22, 1962 - MAR. 31, 1962	1962
19630036129	A STUDY OF THE PARACHUTE DECELERATION OF A DISCOVERER OR NERV TYPE CAPSULE ENTERING THE MARTIAN ATMOSPHERE	1962
19630036130	SATELLITE COMMUNICATIONS FUNDAMENTALS	1962
19630036133	ENGINEERING PROPERTIES OF POTASSIUM EIGHTH QUARTERLY REPORT, JULY 1 - SEPT. 30, 1962	1962
19630036142	STATE-OF-THE-ART STUDY OF SOLID PROPELLANT ROCKET SEALING TECHNIQUES FOR SPACE STORAGE INTERIM REPORT	1962
19630036150	FINAL REPORT ON THE AD HOC CENTAUR REVIEW ACTIVITIES	1962
19630036152	INSTRUMENTATION OPERATIONS ANALYSIS PART 11B OF THE FIRING TEST REPORT JUPITER MISSILE /CTL/ CM-111	1962
19630036170	THE DEVELOPMENT OF A LOW ENERGY PARTICLE DETECTION SYSTEM UTILIZING SEMICONDUCTOR DETECTORS SUITABLE FOR SPACE PHYSICS EXPERIMENTATION FINAL REPORT	1962
19630036179	SPACE VEHICLE SA-1, TELEMETRY SYSTEM	1962
19630036181	SATURN /SA-1/ OUTBOARD ENGINE CURTAIN ASSEMBLY, P/N 10418191 - SIMULATED ENVIRONMENTAL PRESSURE TESTS	1962
19630036182	SATURN /SA-2/ OUTBOARD ENGINE CURTAIN ASSEMBLIES, P/N 10418191, SIMULATED ENVIRONMENTAL PRESSURE TESTS	1962
19630036188	INTERFERENCE CONTROL PLAN FOR THE SATURN GROUND COMPUTER SYSTEM	1962
19630036190	SPACEBORNE GAS CHROMATOGRAPH FOURTH QUARTERLY STATUS REPORT, JUNE 20 - SEPT. 20, 1962	1962
19630036194	GUIDE FOR PLANNING INVESTIGATIONS IN THE AMES PILOTTED FLIGHT SIMULATORS	1962
19630036195	SYNTHESIS AND EVALUATION OF THERMALLY STABLE POLYMERS. PHASE I. POLYMER SYNTHESIS. PHASE II. POLYMER EVALUATION <FINAL REPORT, MAR. 1961 - MAR. 1962>	1962
19630036207	Evaluation of a High Strength Columbium Alloy /as-55/ for Alkali Metal Containment Interim Report, Nov. 25, 1961 - July 25, 1962	1962
19630036208	PRELIMINARY GD/A RESPONSE TO MSFC CENTAUR RE-ASSESSMENT BY TECHNICAL DIVISION	1962
19630036209	RADIATION DAMAGE TO SEMICONDUCTOR SOLAR DEVICES, VOLUME I	1962
19630036210	MIDAS IV PROTON MEASUREMENT IN THE INNER VAN ALLEN BELT	1962
19630036211	PRELIMINARY RESULTS OF THE SOLAR CELL DAMAGE EXPERIMENT FLOWN ON THE EXPLORER XII SATELLITE	1962
19630036212	MIDAS III AND MIDAS IV MEASUREMENTS OF SILICON SOLAR CELL DEGRADATION ON THE VAN ALLEN RADIATION ENVIRONMENT	1962
19630036213	RELAY RADIATION DAMAGE EXPERIMENT	1962
19630036214	RADIATION DAMAGE TO SILICON SOLAR CELLS	1962
19630036215	SUMMARY OF RADIATION DAMAGE STUDIES AT STL	1962
19630036216	REPORT OF SOLAR CELL WORK AT BELL TELEPHONE LABORATORIES	1962
19630036251	[No Title]	1962
19630036260	A POSSIBLE PROGRAM FOR UNMANNED LUNAR TECHNOLOGICAL AND SCIENTIFIC MISSIONS USING SATURN LAUNCH VEHICLES	1962
19630036262	DELTA RANGE SAFETY TRAJECTORY AND AERODYNAMIC DATA FOR THE RELAY A-15 MISSION MODEL NO. DSV-3B, VOLUME II	1962
19630036266	CENTAUR PERT MILESTONE CHARTS AND SITUATION SUMMARIES	1962
19630036280	NASA ORBITING ASTRONOMICAL OBSERVATORY, DESIGN 252. SUMMARY OF THE OAO SPACECRAFT AND GROUND SUPPORT SYSTEMS	1962
19630036281	THE HYPERSONIC TWO-FOOT TUNNEL- DESCRIPTION OF THE FACILITY AND PROVISIONS FOR TESTING	1962
19630036282	DESIGN STUDY FOR A PASSIVELY SCANNED STAR TELESCOPE FINAL REPORT	1962
19630036389	MISSILE AND SPACE PROJECT INFORMATION MANUAL. VOLUME II - SPACE CARRIER VEHICLE FIRING HISTORIES	1962
19630036390	CHEMICAL RESEARCH AS RELATED TO ADVANCED SOLID PROPELLANTS /U/ FOURTH ANNUAL REPORT JAN. 1, - DEC. 31, 1962	1962
19630036403	RESEARCH ON DIFFUSION OF HYDROGEN THROUGH PALLADIUM FIRST PHASE REPORT, 10 JAN. - 24 NOV. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036426	SOME EXPERIMENTS ON THE DESIGN OF SWEEP WING BODY COMBINATIONS AT TRANSONIC SPEEDS	1962
19630036430	FLIGHT TEST NO. 3, PHASE II, PART A, PARAGLIDER DEVELOPMENT PROGRAM	1962
19630036443	INVESTIGATIONS OF CARBIDES AS CATHODES FOR THERMIONIC SPACE REACTORS FOURTH INTERIM PROGRESS REPORT, MAR. 1 - MAY 31, 1962	1962
19630036447	THE PRECISION AUTOPILOT FINAL REPORT	1962
19630036449	MILLIMETER-WAVE CONVERTER STUDIES BIMONTHLY REPORT NO. 1, MAY 14 - JULY 14, 1962	1962
19630036582	IN-FLIGHT ACCURACIES OF ANGLE OF ATTACK MEASUREMENTS ON JUPITER AND JUNO II FLIGHTS	1962
19630036628	THE SOLID BOOSTER FOR SPACE EXPLORATION	1962
19630036642	LIQUID OXYGEN AND FUEL PREVALVES THIRD MONTHLY PROGRESS REPORT, SEPT. 1 - 30, 1962	1962
19630036648	SUPPORTING RESEARCH PROJECTS PROGRESS REPORT, JULY 1, 1961 - JAN. 1, 1962	1962
19630036651	ASSESSMENT OF THE MANNED LUNAR MISSION TECHNOLOGY SUPPORT PROGRAM OF THE MARSHALL SPACE AND FLIGHT CENTER FOR FISCAL YEARS 1961 AND 1962	1962
19630036654	ANALYSIS OF FAILURE MECHANISMS WITH HIGH-ENERGY RADIATION QUARTERLY REPORT NO. 3 <JULY 1 - SEPT. 1962<	1962
19630036660	A COMPARISON OF THIN COATINGS OF PHENOLIC NYLON AND "THERMO-LAG" T-500 DURING EXPOSURE TO LOW CONVECTIVE HEAT FLUXES OF LONG DURATION NOV. 21, 1962	1962
19630036665	PLANETARY INTERIORS, INTRODUCTORY REPORT RUPERT WILDT REPR. FROM CONGR. COLLOQ. UNIV. LIEGE, V. 24, 1962	1962
19630036698	ANALYSIS OF AND PLANS FOR THE TECHNOLOGICAL SUPPORT PROGRAM OF THE MANNED LUNAR MISSIONS	1962
19630036707	Atlas/Centaur Flight Evaluation Report - Vehicle F1, Volume li	1962
19630036722	DETAILED TEST OBJECTIVES FOR DELTA LAUNCH VEHICLE S/N 321/2021/ 3025 SPACECRAFT- TIROS E	1962
19630036757	SENSITIVITY OF SOLID ROCKET PROPELLANTS /U/ REVIEW PAPER NO. 4	1962
19630036762	STUDY OF PROBLEMS ASSOCIATED WITH THE CLUSTERING OF VERY LARGE SOLID-PROPELLANT MOTORS ESTIMATED PROGRESS SCHEDULE	1962
19630036783	THE DEVELOPMENT AND TESTING OF AN EXPERIMENTAL FLIGHT DIRECTOR FOR HELICOPTERS	1962
19630036808	FUEL FEED SYSTEMS FOR ARC JET ENGINES FINAL REPORT <NOV. 1961 - FEB. 1962<	1962
19630036809	AC ARC DYNAMICS, STABILIZATION AND STARTING CRITERIA THIRD QUARTERLY PROGRESS REPORT, JAN., FEB., MAR. 1962	1962
19630036827	DESIGN, FABRICATION, AND TESTING OF A CESIUM ION ROCKET ENGINE - PHASE II QUARTERLY PROGRESS REPORT NO. 2, 1 DEC. 1961 - 28 FEB. 1962	1962
19630036828	DESIGN, FABRICATION, AND TESTING OF A CESIUM ION ROCKET ENGINE - PHASE II QUARTERLY PROGRESS REPORT NO. 3, 1 MAR. 1962 - 31 MAY 1962	1962
19630036830	INVESTIGATION EFFORT TO DEVELOP A COMPACT POWER SOURCE FOR LASER USE REPORT NUMBER 1 /FINAL/ JULY 1962 - SEPT. 1962	1962
19630036831	ELECTROTHERMAL ENGINE PROPELLANT STORAGE AND FEED SYSTEM STUDY PHASE II REPORT	1962
19630036840	LAMINAR FLOW THROUGH AN ECCENTRIC ANNULAR PIPE	1962
19630036841	MEASUREMENTS OF THE DIRECT PITCHING OSCILLATION DERIVATIVES FOR THREE CROPPED DELTA AND THREE ARROWHEAD PLANFORMS AT SUBSONIC AND TRANSONIC SPEEDS	1962
19630036842	THE IMPORTANCE OF HIGH ORDER MULTIPOLES IN AERODYNAMIC NOISE THEORY	1962
19630036860	EVALUATION OF A HIGH STRENGTH COLUMBIUM ALLOY /AS-55/ FOR ALKALI METAL CONTAINMENT INTERIM REPORT ADDENDUM, NOV. 25, 1961 - JULY 25, 1962	1962
19630036861	PROPELLANT STORAGE AND TRANSFER SYSTEMS FOR ELECTROTHERMAL ENGINES SUMMARY REPORT, FEB. 9 - OCT. 9, 1962	1962
19630036863	VAPORIZATION AND THERMIONIC EMISSION OF REFRACTORY MATERIALS SIXTH STATUS REPORT, SEPT. 1 - NOV. 30, 1962	1962
19630036873	FLIGHT PLAN FOR CHEMILUMINESCENCE STUDIES, MODELS F20-3206, F20-3391 AND F20-3392	1962
19630036874	FEASIBILITY STUDY OF A CONTINUOUS FLOW MAGNETOGASDYNAMIC ROCKET FOR SPACE PROPULSION THIRD QUARTERLY PROGRESS REPORT, 9 FEB., 1962 - 8 MAY 1962	1962
19630036875	ELECTRICAL INSULATORS FOR VERY HIGH TEMPERATURES QUARTERLY REPORT NO. 5, AUG. 5, 1962 - NOV. 4, 1962	1962
19630036923	EFFECT OF NONEQUILIBRIUM FLOW IN THERMAL ARC-JET ENGINES <FINAL< SUMMARY REPORT, JULY 8, 1961 - APR. 8, 1962	1962
19630036925	Study of Vertistat Orientation For Communication Satellites	1962
19630036926	STUDY OF FLIGHT TEST OBJECTIVES FOR ELECTROTHERMAL PROPULSION SYSTEMS FINAL REPORT, FEB. 13 - AUG. 13, 1961	1962
19630036934	MICROWAVE DRIVEN MAGNETIC PLASMA ACCELERATOR "CYCLOPS" QUARTERLY REPORT NO. 7, 1 SEPT. 1962 - 30 NOV. 1962	1962
19630036935	INVESTIGATIONS OF ION BEAM DIAGNOSTICS MONTHLY PROGRESS REPORT NO. 12, 5 MAR. - 8 APR. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036938	INFLATABLE PARAGLIDER MODEL PROGRAM FOR LANGLEY RESEARCH CENTER	1962
19630036941	INVESTIGATION OF EXHAUST NOZZLE FLOW PHENOMENA IN ARC-JET ENGINES FINAL REPORT	1962
19630036943	SURFACE-TO-AIR RETRIEVAL OF HEAVY SPACECRAFT BY FIXED-WING AIRCRAFT VOLUME II. DEVELOPMENT OF ANALYTICAL TECHNIQUES, ADDENDUM I DEC. 1962	1962
19630036945	REQUIREMENTS FOR ADVANCED TECHNICAL DEVELOPMENT FOR SPACECRAFT TECHNOL. STEERING COMM	1962
19630036946	Design, Fabrication, and Testing Of a Cesium Ion Rocket Engine, Phase Ii Summary Progress Report, Sept. 1, 1961 - Sept. 1, 1962	1962
19630036947	STUDY, DESIGN, AND FABRICATION OF SOLAR ENERGY CONCENTRATOR MODELS FINAL REPORT, JULY 15, 1960 - AUG. 21, 1961	1962
19630036961	STUDY OF LARGE LAUNCH VEHICLES UTILIZING SOLID PROPELLANTS /U/ FINAL REPORT, VOLUME 4, APPENDIX 1 TO VOLUME 2	1962
19630036963	PROCEEDINGS OF THE FLUID AMPLIFICATION SYMPOSIUM <HELD AT THE DIAMOND ORDNANCE FUZE LABORATORIES< OCTOBER 1962 /U/ VOLUME 2	1962
19630036974	PROJECT APOLLO GUIDANCE AND NAVIGATION PROGRAM	1962
19630036975	[No Title]	1962
19630036977	AGENA MONTHLY PROGRESS REPORT, JUNE 1962	1962
19630036978	CENTAUR PERT REPORT, PUBLISHED AUGUST 17, 1962	1962
19630036979	PROJECT APOLLO GUIDANCE AND NAVIGATION PROGRAM /U/ QUARTERLY TECHNICAL PROGRESS REPORT, JUNE 11, 1962	1962
19630037008	FLIGHT REPORT FOR VEHICLE NO. 318/2024/20001 DELTA PROGRAMMISSION NO. 12 TIROS F-SPACECRAFT	1962
19630037010	Delta 11- Telstart (TSX-1): Field Flight Report	1962
19630037014	Feed System Stability Rating Program /U/ Final Report, Phase I	1962
19630037015	DEVELOPMENT OF A PLASMAJET ROCKET ENGINE FOR ATTITUDE AND ORBIT CONTROL FIFTH QUARTERLY PROGRESS REPORT, MAR. 31, 1962 - MAY 18, 1962	1962
19630037017	DEVELOPMENT OF A PLASMAJET ENGINE FOR ATTITUDE AND ORBIT CONTROL SIXTH QUARTERLY PROGRESS REPORT, JUN. 30, 1962 - AUG. 8, 1962	1962
19630037018	Detailed Test Objectives for Delta Launch Vehicle S/N 318/2024/20001 Spacecraft: Tiros F	1962
19630037021	DELTA RANGE SAFETY LAND IMPACT PROBABILITY STUDY FOR THE SYNCOM A-25 PAYLOAD MISSION	1962
19630037023	APOLLO GUIDANCE AND NAVIGATION- SLIDE REPRINTS OF PRESENTATION AT MSA AT HOUSTON TO PARTICIPATING CONTRACTORS, MAY 22, 1962	1962
19630037024	FEASIBILITY DEMONSTRATION OF THE R-F NOZZLE CONCEPT /U/ QUARTERLY PROGRESS REPORT, DEC. 1, 1961 - FEB. 28, 1962	1962
19630037044	DEVELOPMENT AND TESTING OF ADVANCED HIGH-ENERGY FLUORINE-CONTAINING SOLID PROPELLANTS /U/ QUARTERLY REPORT, MAY 22, 1962 - AUG. 21, 1962	1962
19630037082	THE THEORY OF ION BEAM NEUTRALIZATION FINAL REPORT	1962
19630037083	SPUTTERING MECHANISMS UNDER ION PROPULSION CONDITIONS FIFTH QUARTERLY PROGRESS REPORT, 5 MAY - 5 AUG. 1962	1962
19630037084	REPORT NO. 2, PERIOD ENDING AUG. 23, 1962	1962
19630037086	REPETITIVELY PULSED 2-STAGE PLASMA PROPULSION ENGINE 1ST QUARTERLY PROGRESS REPORT, JUNE 1 - AUG. 31, 1962	1962
19630037088	DEVELOPMENT OF SEALED LOW RATE SILVER OXIDE-ZINC CELLS THIRD QUARTERLY REPORT, MAY 22, 1962 - AUG. 21, 1962	1962
19630037089	EVALUATION OF CAPACITORS FOR SPACE PROPULSION APPLICATION SECOND QUARTERLY PROGRESS REPORT	1962
19630037090	SOLAR ELECTRIC PROPELLED SPACECRAFT CAPABILITIES STUDY PHASE IV- SOLAR ELECTRIC SPACECRAFT DESIGN	1962
19630037092	A STUDY OF SYSTEMS FOR SPACE PROPULSION QUARTERLY PROGRESS REPORT NO. 6, MAY 1 - JULY 31, 1962	1962
19630037104	ANALYSIS OF ELECTRON-ION MIXING IN ION ENGINES QUARTERLY REPORT NO. 1, 3 JUNE 1962 - 31 AUG. 1962	1962
19630037105	A STUDY OF SYSTEMS FOR SPACE PROPULSION QUARTERLY PROGRESS REPORT NO. 5, 1 FEB. - 30 APR. 1962	1962
19630037109	AN ERROR PROBABILITY COMPARISON BETWEEN PCM/PM AND PFM TELEMETRY SYSTEMS	1962
19630037110	DESIGN STUDY OF A DEVICE TO DEMONSTRATE DYNAMIC PERFORMANCE OF SPACECRAFT	1962
19630038563	OUTGASSING CHARACTERISTICS OF VARIOUS MATERIALS IN AN ULTRAHIGH VACUUM ENVIRONMENT	1962
19630039748	THEORY OF FLUID OSCILLATIONS IN PARTIALLY FILLED CYLINDRICAL CONTAINERS	1962
19630039758	Compilation, Design Tests Ariel Satellite S-51	1962
19630039916	C-BAND RADAR-BEACON TRACKING FOR PROJECT MERCURY	1962
19630040738	SATELLITE SITUATION REPORT, VOLUME 2, NO. 17	1962
19630040739	SATELLITE SITUATION REPORT, VOLUME 2, NO. 20	1962
19630040825	SATELLITE SITUATION REPORT, VOL. 2, NO. 19	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630041327	SATELLITE SITUATION REPORT, VOL. 2, NO. 15	1962
19630041443	A Study of the Ground Operational Support System	1962
19630041880	THE EFFECT OF FLUID PROPERTIES ON THE SPRAY FORMED BY TWO IMPINGING JETS	1962
19630042167	JET PROPULSION LABORATORY PATENT OFFICE QUARTERLY BULLETIN, OCT. 1 - DEC. 31, 1961	1962
19630042189	SPACE TELECOMMUNICATION AND CONTROL SYSTEMS	1962
19630042565	NASA SPACE UTILIZATION AT AMR	1962
19630042724	MSFC AUTOMATION PLAN	1962
19630042857	ROCKET OBSERVATIONS OF SOLAR PROTONS DURING THE NOVEMBER 1960 EVENTS <PART< 1	1962
19630042858	ROCKET OBSERVATIONS OF SOLAR PROTONS DURING THE NOVEMBER 1960 EVENTS <PART< 2	1962
19630042859	RE-ENTRANT COSMIC-RAY ALBEDO	1962
19630042886	AUTOMATIC DATA PROCESSING	1962
19630043203	THE GEOLOGY OF THE LUNAR BASE	1962
19630043204	A NEW APPROACH TO THE ESTIMATION OF SPACE VEHICLE VIBRATION	1962
19630043238	Ranger 4 Spacecraft	1962
19630043552	DYNA-SOAR PRIMARY GUIDANCE SUBSYSTEM MONTHLY TECHNICAL PROGRESS REPORT FOR MARCH 1962	1962
19630043553	Deleted record	1962
19630043567	RESEARCH RELATING TO FUEL CELLS. QUARTERLY REPORT NO. 2, 1 JAN.-30 MAR. 1962	1962
19630043568	Deleted record	1962
19630043574	SOVIET INTEREST IN COMMUNICATIONS SATELLITES. AN INTRODUCTORY ANALYSIS OF INTERNATIONAL TELECOMMUNICATIONS AND INTERNATIONAL POLITICS	1962
19630043577	RADIO ASTRONOMY EXPERIMENTS FROM SATELLITES AND ROCKETS <QUARTERLY< STATUS REPORT, NOV. 1, 1961 THROUGH JAN. 31, 1962	1962
19630043578	DIRECTORY OF ACOUSTICAL LABORATORIES IN WESTERN EUROPE	1962
19630043580	SEMI-ANNUAL PROGRESS REPORT OF RESEARCHES FOR THE PERIOD JANUARY 1, 1962 TO JUNE 14, 1962 <I. EXPLORER X RESULTS. II. DEVELOPMENT OF PLASMA DETECTORS<	1962
19630043586	MEASUREMENT OF THE EARTH'S ATMOSPHERE STATUS REPORT NO. NQ-1 FOR THE PERIOD 1 AUGUST TO 31 DECEMBER 1961	1962
19630043599	FREE-SPINNING-TUNNEL INVESTIGATION OF A 1/40-SCALE MODEL OF A FOUR-ENGINE DELTA-WING BOMBER COORD NO. AF-AM-244	1962
19630043603	IDENTIFYING AND ESTIMATING R & D COSTS	1962
19630043607	STUDY OF HIGH CAPACITY, VENTED, NICKEL-CADMIUM CELLS PROGRESS REPORT NO. 1, 18 JUNE 1961 TO JULY 1962	1962
19630043612	ELECTRONIC AND COMMUNICATIONS ENGINEERING PLANNING SPECIFICATION FOR SPACE RESEARCH STATION, ISLAND LAGOON, WOOMERA	1962
19630043620	INVESTIGATION OF EXPERIMENTAL TECHNIQUES FOR MEASUREMENT OF VERY-LOW-FREQUENCY ELECTROMAGNETIC PHENOMENA IN THE IONOSPHERE SEMI-ANNUAL STATUS REPORT FOR THE PERIOD SEPTEMBER 1, 1961 TO MARCH 1, 1962	1962
19630043621	ON THE MATRIX INTERPRETATION OF THE METHOD OF LOOP CURRENTS	1962
19630043622	RESEARCH ON A PHOTOSYNTHETIC GAS EXCHANGER FOR SPACECRAFT QUARTERLY PROGRESS REPORT NO. 1	1962
19630043632	SATELLITE SITUATION REPORT, VOL. 2, NO. 8	1962
19630043633	TELEVISION INFRA-RED OBSERVATIONAL SATELLITE /TIROS-V/ OPERATIONS PLAN 4-62	1962
19630043634	SATELLITE SITUATION REPORT, VOL. 2, NO. 12	1962
19630043635	SATELLITE SITUATION REPORT, VOL. 2, NO. 10	1962
19630043636	SATELLITE SITUATION REPORT, VOL. 22, NO. 9	1962
19630043637	SATELLITE SITUATION REPORT, VOL. 2, NO III	1962
19630043640	SEMI-ANNUAL STATUS REPORTS NUMBERS 1 AND 2 COVERING PERIOD 1 MAY 1961 THROUGH 30 APRIL 1962 <COMPOSITION, ENERGY SPECTRUM AND INTENSITY OF THE PRIMARY COSMIC RADIATION AS A FUNCTION OF TIME<	1962
19630043668	NEGATIVE IONFORMATION IN GASES <SEMIANNUAL STATUS REPORT FOR THE PERIOD 1 APRIL 1962 TO 30 NOVEMBER 1962<	1962
19630043669	SEMI-ANNUAL REPORT <FOR THE PERIOD APRIL 15 - OCTOBER 15, 1962<<CRITICAL VELOCITIES AND ELECTRIC FIELDS IN SUPERFLUID<	1962
19630043676	SEMI-ANNUAL REPORT FOR THE PERIOD APRIL - SEPTEMBER 1962 <PROCEDURES FOR MEASURING SELENOGRAPHIC COORDINATES OF LUNAR CRATERS<	1962
19630043679	QUARTERLY STATUS REPORT NO. 11, JULY 1 - SEPTEMBER 30, 1962 <CHEMISTRY OF SULPHUR EMISSION<	1962
19630043689	IDENTIFYING AND ESTIMATING R & D COSTS- QUIZ, PROBLEMS, AND POSSIBLE SOLUTIONS	1962
19630043692	SEMI-ANNUAL REPORT TO THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, JULY 1 - DECEMBER 31, 1962	1962
19630043704	NUCLEAR ELECTRONIC EFFECTS PROGRAM /NEEP/ FIFTH TRIANNUAL TECHNICAL NOTE, 1 JULY 1960 - 31 OCTOBER 1960	1962
19630043705	ACOUSTICS IN THE UNITED KINGDOM- ACTIVITIES AT SOUTHAMPTON AND GLASGOW UNIVERSITIES	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630043726	IONOSPHERIC WATER DUMPING	1962
19630043732	INSTALLATION OF AIRBORNE REFRACTOMETERS IN LIGHT AIRCRAFT	1962
19630043735	ABSTRACTS OF PAPERS- JOINT MEETING OF AFOSR CONTRACTORS IN SOLID ROCKET COMBUSTION AND THE PANEL ON SOLID PROPELLANT COMBUSTION INSTABILITY HELD AT STANFORD RESEARCH INSTITUTE, MENLO PARK, CALIFORNIA, MARCH 7, 8, 9, 1962	1962
19630043870	PRESSURE-FLOW RELATIONSHIP IN THE PERFUSED DOG SPLEEN	1962
19630044175	[No Title]	1962
19630044176	SOLID ROCKET WEAPON SYSTEM 133B- DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE /U/ PROGRAM PROGRESS STATUS REPORT, 1 AUG.-31 AUG. 1962	1962
19630044178	AN INVESTIGATION OF RECOMBINATION AND PARTICLE LAG EFFECTS IN ROCKET NOZZLES	1962
19630044179	IMPROVED INSULATORS FOR ROCKET MOTORS 18TH QUARTERLY PROGRESS REPORT, 1 AUG. - 31 OCT. 1962 /CONTRACT NORD-16788/	1962
19630044183	STATUS OF RESEARCH AND ENGINEERING PROJECTS /U/ QUARTERLY PROGRESS REPORT, JUNE 1-AUG. 31, 1962	1962
19630044189	AERONAUTICS DIVISION QUARTERLY REVIEW	1962
19630044206	SOLID-STATE MASER RESEARCH FIRST QUARTERLY PROGRESS REPORT, 20 JUNE 1962 TO 20 OCT. 1962	1962
19630044207	PROSPECTOR/OPERATIONS ANALYSIS	1962
19630044208	AGARD MEETING ON HIGH TEMPERATURE ASPECTS OF HYPERSONIC FLOW TECHNICAL REPORT	1962
19630044209	HYDRODYNAMIC CALCULATIONS OF THE SHOCKWAVE FROM NUCLEAR EXPLOSIONS AT SEA-LEVEL ALTITUDE OF BURST	1962
19630044211	MASERS AND LASERS REPORT BIBLIOGRAPHY <1955 - FEB. 1, 1962<	1962
19630044213	LONGITUDINAL STABILITY AND CONTROL EVALUATION OF THE F-105D AIRPLANE WITH A MN-1A DISPENSER ON THE LEFT INBOARD PYLON AND MA-2 ROCKET LAUNCHERS ON THE OUTBOARD PYLONS	1962
19630044214	Evaluation of the f-105d manual longitudinal control system /four-bar linkage/ installed in the f-105b aircraft	1962
19630044219	TRAINING CENTER FOR EXPERIMENTAL AERODYNAMICS, BELGIUM	1962
19630044221	WIND TUNNEL INVESTIGATIONS OF BUFFETING	1962
19630044232	NASA - SPACECONN OPERATIONS PLAN 8-60- /S-56/ ATMOSPHERIC DENSITY SATELLITE	1962
19630044239	RADIO-EMISSION FROM JUPITER	1962
19630044240	NASA - GSFC OPERATIONS PLAN 12-62- INJUN III	1962
19630044244	SPECTRAL SUITABILITY, MODULATION AND DETECTION TECHNIQUES IN COMMUNICATION WITH WAVELENGTHS BETWEEN 30 AND 10,000 ANGSTROMS, PART I FINAL REPORT	1962
19630044246	A Physiological Examination and Taxonomic Revision of the Genus Chlorella	1962
19630044269	SUMMARY OF BUWEPS CORRECTIVE ACTIONS AND COMMENTS RELATIVE TO DEFICIENCIES ENUMERATED IN NAVY BIS FINAL "REPORT OF SERVICE ACCEPTANCE TRIALS ON MODEL GV-1 AIRCRAFT" NOV. 9, 1962	1962
19630044290	SOLID-STATE MASER RESEARCH FINAL REPORT, 20 JUN. 1960 - 19 JUN. 1962	1962
19630044303	THERMOGRAVIMETRIC ANALYSIS OF POLYMERS <SEPT. 1959 - APR. 1961<	1962
19630044307	LUMINOSITY FROM LARGE METEORIC BODIES	1962
19630044344	DIMINUTION OF SWEATING DURING INTERFERENCE OF PERIPHERAL COLDRECEPTION WITH CENTRAL WARM-STIMULATION	1962
19630044349	A REVIEW OF RESEARCH AND DEVELOPMENT ACTIVITIES - OCT. 1962	1962
19630044368	RESEARCH AND DEVELOPMENT OF HERMETICALLY SEALED RELAYS WITH ISOLATED CONTACTS, SEMIANNUAL PROGRESS REPORT, 1 JAN. - 30 JUN. 1962	1962
19630044369	HIGH EFFICIENCY TRANSISTOR STRUCTURES FIRST QUARTERLY PROGRESS REPORT, JULY - SEPT. 30, 1962	1962
19630044370	PROJECTS AND PUBLICATIONS OF THE APPLIED MATHEMATICS DIVISION QUARTERLY REPORT, JAN. - MAR. 1962	1962
19630044372	PROPOSED MSFC CONTRACTOR RELIABILITY PROGRAM APPENDIX G	1962
19630044374	INSTRUCTION FOR COMPLETING VEHICLE WEIGHT DOCUMENTATION, APPENDIX K	1962
19630044380	DEMONSTRATION OF THE FEASIBILITY OF USING DELTA MODULATION FOR PICTORIAL TRANSMISSION <APR. 15, 1962 - NOV. 15, 1962<	1962
19630044381	STUDY OF POWER DENSITY MEASUREMENT TECHNIQUES 2ND QUARTERLY REPORT NO. 6, APR. 1 - JUNE 30, 1962	1962
19630044382	SOLID-STATE MASER RESEARCH SEVENTH QUARTERLY REPORT, DEC. 20, 1961 - MAR. 20, 1962	1962
19630044391	NASA INDUSTRIAL APPLICATIONS PROGRAM, CONSIDERATIONS AND RECOMMENDATIONS	1962
19630044392	DEVELOPMENT OF ADHESIVES FOR VERY LOW TEMPERATURE APPLICATION QUARTERLY SUMMARY REPORT	1962
19630044419	PROPELLANTS DIVISION QUARTERLY PROGRESS, 2 APRIL TO 29 JUNE 1962	1962
19630044421	APPLIED RESEARCH IN PHOTOCONDUCTIVE PHOTO-TAPE /U/ FIRST INTERIM ENGINEERING REPORT, MAY 1962	1962
19630044423	PROPELLANTS DIVISION QUARTERLY PROGRESS, 2 JANUARY TO 30 MARCH 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044424	PROPERTIES OF DOUBLE-BASE SOLIDROCKET PROPELLANTS, X-13 THROUGH X-21	1962
19630044430	[No Title]	1962
19630044432	SENSITIVITY CHARACTERISTICS OF LIQUID EXPLOSURE SYSTEMS /U/ PROGRESS REPORT NO. 2, APR. 1 - JUNE 30, 1962	1962
19630044435	AERONAUTICS DIVISION QUARTERLY REVIEW	1962
19630044454	SYNTHESIS OF HIGH-ENERGY POLYMERS AND SOLID OXIDIZERS /U/ QUARTERLY REPORT, APR. 1, 1962 - JUNE 30, 1962	1962
19630044456	FRACTURE MECHANICS OF SOLID PROPELLANTS /U/ <FINAL REPORT< OCT. 1, 1961 - SEPT. 30, 1962	1962
19630044457	CHEMICAL PRODUCTS DIV. RESEARCH IN FLUORO-NITRO COMPOUNDS /U/ SUMMARY REPORT, 1 SEPT. 1961 - 31 AUG. 1962	1962
19630044458	DESIGN CRITERIA FOR ADVANCED PROPELLANT SYSTEMS- PREPARATION AND CHARACTERIZATION OF GELLED PROPELLANTS /U/ <FIRST QUARTERLY PROGRESS REPORT, PERIOD ENDING AUG. 31, 1962<	1962
19630044459	STUDY OF THE HETEROGENEOUS AND HOMOGENEOUS CATALYSIS OF THE PENTABORANE-HYDRAZINE REACTION	1962
19630044461	RESEARCH AND DEVELOPMENT OF ADVANCED SOLID PROPELLANT SYSTEMS /U/ QUARTERLY REPORT NO. 9, FEB. 23, 1962 - MAY 22, 1962	1962
19630044462	SOLID ROCKET PLANT RESEARCH AND DEVELOPMENT ON HIGH-ENERGY PROPELLANTS FROM NITROGENRICH BINDERS /U/ QUARTERLY REPORT NO. 3, 1 AUG. - 31 OCT. 1962	1962
19630044465	LIQUID OXIDIZERS /U/ QUARTERLY PROGRESS REPORT NO. 2, APR. - JUNE 1962	1962
19630044466	RESEARCH AND DEVELOPMENT OF ADVANCED SOLID PROPELLANT SYSTEMS /U/ QUARTERLY REPORT NO. 10, MAY 23, 1962 - AUG. 22, 1962	1962
19630044467	ENCAPSULATING PROCESS DEVELOPMENT FOR REACTIVE PROPELLANT INGREDIENTS /U/ INTERIM TECHNICAL PROGRESS REPORT, 1 AUG. 1962 - 31 OCT. 1962	1962
19630044468	SUMMARY OF EXPANSION-DEFLECTION NOZZLE STUDIES AT THE 50,000-POUNDTHRUST LEVEL	1962
19630044469	SYNTHESIS OF HIGH-ENERGY POLYMERS AND SOLID OXIDIZERS /U/ QUARTERLY REPORT, JULY 1, 1962 - SEPT. 30, 1962	1962
19630044470	WEAPON SYSTEM 133A- WING II STAGE I MINUTEMAN DATA BOOK, REVISION 2	1962
19630044471	INVESTIGATION AND DEVELOPMENT OF ADVANCED TYPE SOLID PROPELLANTS /U/ ANNUAL TECHNICAL SUMMARY REPORT, 1 MAY 1961 - 30 APR. 1962	1962
19630044472	LR62-RM-2 PACKAGED LIQUID ROCKET ENGINE /U/ FINAL REPORT, FEB. 5, 1960 - MAR. 1, 1962	1962
19630044473	LIQUID OXIDIZERS /U/ QUARTERLY PROGRESS REPORT NO. 1, JAN. - MAR. 1962	1962
19630044475	STUDY OF AN EXPANSION-DEFLECTION NOZZLE AT THE 50,000-POUND-THRUST LEVEL /U/ FINAL REPORT SEPT. 20, 1962	1962
19630044477	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM. MONTHLY PROGRESS REPORT, SEPTEMBER 1962	1962
19630044478	RESEARCH IN THE SYNTHESIS OF HIGH-ENERGY STORABLE OXIDIZERS /U/ SUMMARY REPORT <MAR. 21, 1961 - MAR. 21, 1962<	1962
19630044479	RESEARCH AND DEVELOPMENT ON FLUORINE BASED OXIDIZERS /U/ QUARTERLY PROGRESS REPORT NO. 2, PERIOD ENDING SEPT. 29, 1962	1962
19630044480	EVALUATION OF HIGH ENERGY, STORABLE LIQUID-BIPROPELLANT FUELS, VOLUME II /U/ FINAL REPORT <MAY 8, 1961 - MAR. 7, 1962<	1962
19630044481	STUDY OF RESONANCE BEHAVIOR IN SOLID PROPELLANTS	1962
19630044483	LIQUID OXIDIZERS /U/ QUARTERLY PROGRESS REPORT NO. 6, JAN. 1 - MAR. 31, 1962	1962
19630044484	EVALUATION OF A HIGH ENERGY LIQUID PROPELLANT ROCKET ENGINE OXIDIZER AND A PILOT PRODUCTION OF SAME	1962
19630044485	LIQUID OXIDIZERS /U/ QUARTERLY PROGRESS REPORT NO. 3, JULY - SEPT. 1962	1962
19630044486	LIQUID OXIDIZERS /U/ FINAL SUMMARY REPORT, JAN. 1 - JUNE 30, 1962	1962
19630044487	DEVELOPMENT AND TESTING OF ADVANCED HIGH-ENERGY FLUORINECONTAINING SOLID PROPELLANTS /U/ QUARTERLY REPORT, AUG. 22, 1962 - NOV. 21, 1962	1962
19630044490	RESEARCH ON STORABLE LIQUID-BIPROPELLANT SYSTEMS /U/ FINAL REPORT <JUNE 15, 1961 - AUG. 15, 1962<	1962
19630044493	EVALUATION OF POLARIS A3 LEADING CANDIDATE PROPELLANTS FOR THEIR EXPLOSIVE BEHAVIOR /U/ QUARTERLY PROGRESS REPORT, 20 FEB. 1962 - 20 MAY 1962	1962
19630044499	POLARIS PROGRESS REPORT FOR SEPTEMBER 1962	1962
19630044518	RESEARCH AND DEVELOPMENT OF ADVANCED SOLID PROPELLANT SYSTEMS /U/ FINAL REPORT, NOV. 24, 1961 - NOV. 11, 1962	1962
19630044520	MONTHLY PROGRESS REPORT OF DEVELOPMENT FOR PROPULSION SYSTEM FOR NIKE ZEUS MISSILE JUNE 1962	1962
19630044527	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM. MONTHLY PROGRESS REPORT, MARCH 1962	1962
19630044528	WEAPON SYSTEM 133A- WING II STAGE I MINUTEMAN DATA BOOK, REVISION I	1962
19630044530	RESEARCH AND DEVELOPMENT OF METAL HYDRIDE ORGANIC NITROGEN COMPLEXES QUARTERLY PROGRESS REPORT NO. 4, SEPT. 15 - DEC. 15, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044531	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM. MONTHLY PROGRESS REPORT, AUGUST 1962	1962
19630044532	HIGH ENERGY FUELS PROJECT /U/ INTERIM TECHNICAL ENGINEERING REPORT NUMBER 18, 1 JAN. 1962 - 31 MAR. 1962	1962
19630044536	SOLID PROPELLANTS CONTAINING FLUORINATED COMPOUNDS /U/ FINAL REPORT <JUNE 26, 1961 - APR. 30, 1962<	1962
19630044538	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM. MONTHLY PROGRESS REPORT, APRIL 1962	1962
19630044548	EVALUATION OF A HIGH ENERGY LIQUID PROPELLANT ROCKET ENGINE OXIDIZER AND A PILOT PRODUCTION OF SAME /U/ TECHNICAL DOCUMENTARY REPORT, APR. 15 - JULY 31, 1962	1962
19630044549	DESIGN CRITERIA FOR ADVANCED PROPELLANT SYSTEMS- PREPARATION AND CHARACTERIZATION OF GELLED PROPELLANTS	1962
19630044553	RESEARCH AND DEVELOPMENT ON HIGH-IMPULSE, HIGH-BURNING RATE, SOLID PROPELLANTS	1962
19630044554	RESEARCH AND DEVELOPMENT ON HYBRID PROPELLANTS /U/ FINAL REPORT, 1 JULY 1961 - 15 OCT. 1962	1962
19630044555	SUPPORTING RESEARCH QUARTERLY PROGRESS REPORT, JULY - SEPTEMBER 1961	1962
19630044565	RESEARCH IN THE SYNTHESIS OF HIGH-ENERGY STORABLE OXIDIZERS /U/ QUARTERLY REPORT <JUNE 21 - SEPT. 21, 1962<	1962
19630044566	MONTHLY PROGRESS REPORT OF DEVELOPMENT FOR PROPULSION SYSTEM FOR NIKE ZEUS MISSILE, JULY 1962	1962
19630044568	BASIC CHEMICAL RESEARCH FOR ADVANCED STORABLE LIQUID PROPELLANT SYSTEMS	1962
19630044569	BASIC CHEMICAL RESEARCH FOR ADVANCED STORABLE LIQUID PROPELLANT SYSTEMS /U/ NINTH QUARTERLY REPORT	1962
19630044586	QUARTERLY REVIEW OF APL ACTIVITIES, APRIL - JUNE 1962. II. SPACE EXPLORATION AND RESEARCH AND DEVELOPMENT	1962
19630044604	SOLID PROPELLANT INFORMATION AGENCY STATE-OF-THE-ART IN NON DESTRUCTIVE TESTING OF SOLID PROPELLANTS	1962
19630044621	PRELIMINARY 100 FW-2 MOTOR FIRING REPORT	1962
19630044628	STABILITY PROPERTIES OF FOUR MINUTEMAN MARK XI RE-ENTRY STAGE CONFIGURATIONS	1962
19630044631	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM. MONTHLY PROGRESS REPORT, JULY 1962	1962
19630044636	ARTIFICIAL ATMOSPHERES IN SEALED ENVIRONMENTS FINAL REPORT, <SEPT. 1, 1959 - AUG. 31, 1962<	1962
19630044638	F-104-D HIGH DENSITY FUEL RANGE TEST <FINAL REPORT<	1962
19630044649	FERRIELECTRICITY IN CRYSTALS	1962
19630044664	DESIGN, DEVELOPMENT, AND FABRICATION OF AN ULTRA-HIGH-RESOLUTION CATHODE-RAY TUBE SECOND QUARTERLY PROGRESS REPORT, 21 AUG. 1962 - 20 NOV. 1962	1962
19630044665	STUDY OF FAILURE MECHANISMS IN HIGH POWER RADIO FREQUENCY GENERATING DEVICES FIRST QUARTERLY REPORT	1962
19630044666	ELECTRON INJECTION LASER FIRST QUARTERLY TECHNICAL REPORT, 1 JUNE 1962 - 31 AUG. 1962	1962
19630044667	RESEARCH ON FERROELECTRIC SWITCHING PHENOMENA FINAL REPORT	1962
19630044668	A RAPID - RESPONSE FLAME DETECTOR	1962
19630044697	LONG-RANGE ACOUSTIC PROPAGATION STUDY DATA REPORT	1962
19630044720	LIQUID OXIDIZERS /U/ QUARTERLY PROGRESS REPORT NO. 7, APR. - JUNE 1962	1962
19630044745	[No Title]	1962
19630044746	POLARIS LONG RANGE RESEARCH QUARTERLY REVIEW	1962
19630044748	SOLID ROCKET PLANT MATERIALS AND FABRICATION /4600/- PERFORMANCE MECHANISM OF INFILTRATED TUNGSTEN UNDER SOLID-ROCKET-MOTOR CONDITIONS	1962
19630044749	INTERNAL REINFORCEMENT OF SOLID PROPELLANT ROCKET GRAINS /U/ FINAL REPORT, MAY 15, 1961 - MAY 15, 1962	1962
19630044750	[No Title]	1962
19630044751	[No Title]	1962
19630044752	[No Title]	1962
19630044754	NOZZLE COOLING SYSTEM FOR SOLID PROPELLANT ROCKET MOTOR QUARTERLY PROGRESS REPORT, NOVEMBER 1961 - JANUARY 1962	1962
19630044755	[No Title]	1962
19630044757	VIBRATION ANALYSIS - SPRINT MISSILE /FLARED AND FINNED/	1962
19630044763	TEST PLAN FOR MISSILE 307 AGE AND DETERIORATION TEST	1962
19630044764	TEST PROCEDURE FOR MISSILE 307 AGE AND DETERIORATION TEST	1962
19630044767	RI10A-3 Model Specification No. 2272D	1962
19630044770	[No Title]	1962
19630044771	DEVELOPMENT OF PROPULSION SYSTEM FOR NIKE ZEUS MISSILE /U/ MONTHLY PROGRESS REPORT MAY 31, 1962	1962
19630044779	RESEARCH OF A BIPROPELLANT PLASMAJET DEVICE, SUMMARY REPORT	1962
19630044785	[No Title]	1962
19630044792	Unconventional Injector Feasibility Program	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044793	PROJECT PROGRESS REPORT, INCLUDING TENTATIVE SCHEDULE OF OPERATION FOR THE TEST FACILITIES /U/ <FOR< MONTH ENDING DEC. 15, 1962	1962
19630044819	[No Title]	1962
19630044821	BALLISTIC DATA SUMMARY REPORT FOR ROCKET MOTOR X259	1962
19630044822	[No Title]	1962
19630044883	FLIGHT PLAN FOR LRC MODEL TRAILBLAZER I-K	1962
19630044889	FLIGHT TEST PROCEDURE AND COUNTDOWN FOR TRAILBLAZER - IIC	1962
19630044892	CONFERENCE ON IONS IN FLAMES AND ROCKET EXHAUSTS	1962
19630044897	A PSEUDORANDOM SIGNAL CORRELATION SYSTEM FOR UNDERWATER ACOUSTIC RESEARCH	1962
19630044903	LOW-TEMPERATURE STATIC TESTS OF SHILLELAGH GAS GENERATOR GRAINS	1962
19630044914	A MATHEMATICAL DESIGN PROGRAM FOR HIGH-ENERGY PROPELLANT COMBINATIONS /U/ <FINAL REPORT< SEPT. 1962	1962
19630044917	REACTION MOTORS DIVISION REPORT 6012-L7 AUGUST 17 - SEPTEMBER 16, 1962	1962
19630044944	Study of Solid Propellant Systems for Space Propulsion /U/ Monthly Progress Report No. 6, Aug. 17 - Oct. 12, 1962	1962
19630044949	THE BREAKDOWN OF ALUMINA INSULATION UNDER COMBINED THERMAL AND POTENTIAL GRADIENTS. PART II- THE BREAKDOWN OF RECRYSTALLIZED ALUMINA INSULATING SLEEVES RESEARCH REPORT NO. 20441, PART 2, 1959 - 1961	1962
19630044997	DEVELOPMENT FOR PROPULSION SYSTEM FOR NIKE ZEUS MISSILE	1962
19630045006	[No Title]	1962
19630045024	AERODYNAMIC STABILITY AND CONTROL DATA MODEL 844/-2050	1962
19630045046	MODEL E-2A/W2F-1/ AIRPLANE "HAWKEYE" /U/ DEMONSTRATION PROGRESS REPORT	1962
19630045047	CONSOLIDATED INSTRUMENTATION PLAN, RANGER VEHICLE RA-5	1962
19630045048	[No Title]	1962
19630045074	[No Title]	1962
19630045104	PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS SEVENTH TECHNICAL SUMMARY REPORT	1962
19630045133	RESEARCH LABS. COMMUNICATIONS IN THE PRESENCE OF PLASMA MEDIA	1962
19630045135	PLASMA ACCELERATION	1962
19630045173	SOLID-STATE MASER RESEARCH EIGHTH QUARTERLY PROGRESS REPORT, 20 MAR. 1962 - 20 JUNE 1962	1962
19630045176	A SURVEY OF THE HIGH-POWER MICROWAVE-TUBE WINDOW PROBLEM TECHNICAL SUMMARY REPORT	1962
19630045185	INVESTIGATION OF EXHAUST NOZZLE FLOW PHENOMENA IN ARC-JET ENGINES PROGRESS REPORT, DEC. 1 - 31 DEC. 1961	1962
19630045211	Self Deploying Manned Space Station - Preliminary Stress Analysis	1962
19630045225	SATURN FIN VIBRATION MODE DATA	1962
19630045249	ESSENTIAL R & D PROGRAMS ROCKET PROPULSION TECHNOLOGY, 1963-1964	1962
19630045253	SURVEYOR PROJECT STATUS REPORT AS OF 16 NOVEMBER 1962	1962
19630045268	HEAT RESISTANT LAMINATING RESINS <INTERIM REPORT, 15 JAN. 1962 - 15 OCT. 1962<	1962
19630045275	OBSERVATION OF RADIO INTERFERENCE BY EXHAUSTS OF OPERATING MISSILES	1962
19630045278	[No Title]	1962
19630045301	APOLLO PROGRAM- 25 IRIG /U/ MONTHLY REPORT NO. 5 FOR SEP. 1962	1962
19630045343	DETERMINATION OF THE EMISSIVITY OF MATERIALS QUARTERLY PROGRESS REPORT, 1 JUL. - 30 SEP. 1962	1962
19630045345	REACTOR POST-NEUTRON TESTS- PART IV. FLUX MEASUREMENTS TO DETERMINE POWER DISTRIBUTIONS IN THE PLUM BROOK REACTOR	1962
19630045367	ENVIRONMENTAL REQUIREMENTS OF SEALED CABINS FOR SPACE AND ORBITAL FLIGHTS. UTILIZATION OF SEMISOLID FOOD DIETS FOR EXTENDED AEROSPACE MISSIONS	1962
19630045386	Determination of Macroscopic Flame Parameters for the Titan II Sustainer Engine	1962
19630045392	MICROWAVE MODULATION AND DEMODULATION OF LIGHT	1962
19630045393	RESEARCH AND DEVELOPMENT ON HYBRID PROPELLANTS /U/ QUARTERLY PROGRESS REPORT NO. 4, 1 APR. - 30 JUN. 1962	1962
19630045394	RESEARCH ON FLUORO-NITRO COMPOUNDS /U/ QUARTERLY REPORT NO. 14, 1 MAR. - 31 MAY 1962	1962
19630045395	CHEMICAL RESEARCH AS RELATED TO ADVANCED SOLID PROPELLANTS /U/ REPORT NO. 13, 1 APR. - 30 JUN. 1962	1962
19630045397	RADIO LOCATION TECHNIQUES /U/ FOURTH PROGRESS REPORT - PHASE II, 1 NOV. 1961 - 31 JAN. 1962	1962
19630045398	RADIO LOCATION TECHNIQUES /U/ FIFTH PROGRESS REPORT - PHASE II, 1 FEB. - 30 APR. 1962	1962
19630045400	RESEARCH AND DEVELOPMENT OF ADVANCED SOLID PROPELLANT SYSTEMS /U/ QUARTERLY REPORT NO. 8, 23 NOV. 1961 - 22 FEB. 1962	1962
19630045402	RESEARCH AND DEVELOPMENT ON HYBRID PROPELLANTS /U/ QUARTERLY PROGRESS REPORT NO. 3, 1 JAN. - 31 MAR. 1962	1962
19630045404	RESEARCH AND DEVELOPMENT ON HIGH-PERFORMANCE SOLID COMPOSITE PROPELLANTS	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630045408	RESEARCH AND DEVELOPMENT ON HIGH-ENERGY PROPELLANTS FROM NITROGEN-RICH BINDERS /U/ QUARTERLY REPORT NO. 1, 1 FEB. - 30 APR. 1962	1962
19630045409	RESEARCH ON HIGH ENERGY OXIDIZERS FOR ADVANCED SOLID ROCKET PROPELLANTS /U/ QUARTERLY PROGRESS REPORT, APR. 1, 1962 - JUN. 30, 1962	1962
19630045410	RESEARCH AND DEVELOPMENT ON HIGH-PERFORMANCE SOLID COMPOSITE PROPELLANTS /U/ QUARTERLY REPORT NO. 12, 1 OCT. - 30 DEC. 1961	1962
19630045411	LIQUID METAL HEAT TRANSFER MEASUREMENTS WITH ROCKET NOZZLES	1962
19630045428	SHOCK AND VIBRATION ENVIRONMENT /U/ BIBLIOGRAPHY	1962
19630045453	SERVICE ACCEPTANCE TRAILS ON MODEL F-4A/4B /F4H-1/F/ AIRCRAFT	1962
19630045454	RESEARCH AND DEVELOPMENT OF ADVANCE THE STATE-OF-THE-ART OF HIGH-ENERGY SOLID PROPELLANTS /U/ QUARTERLY SUMMARY REPORT, 15 OCT. 1961 - 15 JAN. 1962	1962
19630045458	RESEARCH AND DEVELOPMENT OF METAL HYDRIDE ORGANIC NITROGEN COMPLEXES /U/ QUARTERLY PROGRESS REPORT NO. 3, JUN. 15, 1962 - SEP. 15, 1962	1962
19630045460	CHEMICAL RESEARCH AS RELATED TO ADVANCED SOLID PROPELLANTS /U/ REPORT NO. 14, 1 JUL. - 30 SEP. 1962	1962
19630045464	CHEMICAL RESEARCH AS RELATED TO ADVANCED SOLID PROPELLANTS /U/ REPORT NO. 12, 1 JAN. 1962 - 31 MAR. 1962	1962
19630045465	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM	1962
19630045466	RESEARCH ON ADVANCED SOLID PROPELLANTS /U/ QUARTERLY PROGRESS REPORT, 11 SEP. - 10 DEC. 1962	1962
19630045467	RESEARCH IN FLUORO-NITRO COMPOUNDS /U/ QUARTERLY REPORT, 1 DEC. 1961 - 26 FEB. 1962	1962
19630045468	RESEARCH ON ADVANCED SOLID PROPELLANTS /U/ QUARTERLY PROGRESS REPORT, 11 DEC. 1961 - 10 MAR. 1962	1962
19630045473	TESTS TO DETERMINE SUBSONIC AERODYNAMIC CHARACTERISTICS OF HYPERSONIC RE-ENTRY CONFIGURATIONS	1962
19630045474	SYNTHESIS OF HIGH-ENERGY POLYMERS AND SOLID OXIDIZERS /U/ SUMMARY REPORT, 1 APR. - 31 DEC. 1962	1962
19630045484	PROJECT MERCURY/CCMTA/ REACTION CONTROL SYSTEM X-5 DAYS AND X-1 DAY CHECKS	1962
19630045511	HANDBOOK OF INSTRUCTIONS FOR WEAPON SYSTEM DESIGNERS. VOLUME I- GENERAL DESIGN CRITERIA	1962
19630045512	TEMPERATURE MEASUREMENTS IN CRYOGENIC ENGINEERING	1962
19630045514	NOMINAL TRAJECTORY, DISPERSION, FOR ARGO D-8 11 WALLOPS ISLAND LAUNCH	1962
19630045516	SATURN S-1 STAGE- ENGINE, HYDRAULIC, AND MECHANICAL COMPONENTS. QUALIFICATION AND RELIABILITY TEST PROGRAM PROGRESS REPORT	1962
19640000178	Investigation of the orbital tracking of a geostationary satellite. volume i of ii- theory and methods final report	1962
19640000184	Study on methods of structurally evaluating expandable structures having potential space applications quarterly progress report no. 1, 1 aug. - 1 nov. 1962	1962
19640000188	Surveyor geophysical instrument, volume i- surface geophysical instrument - prototype no. 1 interim report	1962
19640000192	Solar energy thermionic conversion system summary of final report 22 may-22 nov. 1961	1962
19640000197	Stability considerations of a space vehicle in bending oscillations for various control sensors	1962
19640000433	A steady state hall current accelerator second quarterly progress report, 17 aug. 1962 - 16 nov. 1962	1962
19640000437	Operation manual for an inertial simulator with a type of automatic damping control suitable for a rotating manned space station	1962
19640000442	Industry's role in the national space program news release	1962
19640000709	A study of the influence of commercial communication requirements on the design of communication satellites final report	1962
19640001201	Use of artificial earth satellites for terrestrial navigation	1962
19640001323	Investigation of condensers applicable to space power systems part ii jet condensers	1962
19640001389	On the question of turbulence in the upper atmosphere	1962
19640001422	Development of techniques for improving the reliability of digital systems through logical redundancy final report	1962
19640001423	A study of the stability of reinforced cylindrical and conical shells subjected to various types and combinations of loads. section iv- matrix shear lag analysis utilizing a high-speed digital computer summary report, 28 may 1962 - 15 oct. 1962	1962
19640001426	General instability of an orthotropic circular cylindrical shell subjected to a pressure combined with an axial load considering both clamped and simply supported edge conditions summary report, section 1, may 28, 1962 - oct. 15, 1962	1962
19640001427	Stresses in a segment of a conical shell subjected to lateral normal load summary report, section 11, may 28, 1962 - oct. 15, 1962	1962
19640001428	General instability of an orthotropic circular conical shell subjected to hydrostatic pressure and a compressive axial force summary report, section 111 may 28, 1962 - oct. 15, 1962	1962
19640001512	Eighth semiannual report to congress 1 jul. - 31 dec. 1962	1962
19640001819	Self-deploying space station final report	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640001904	Nasa's quality program	1962
19640001974	Flight Mechanics Aspects	1962
19640002254	The feasibility of manned orbital maintenance	1962
19640002485	The plasma sheath in a magnetized plasma interim report	1962
19640002491	Vacuum lubrication	1962
19640003037	A theoretical estimate of the average vertical distribution of temperature in the martian atmosphere technical report no. 2	1962
19640003088	Saturn instrument compartment ground cooling air conditioner 682830-1 final summary report	1962
19640003357	Optical free-flight wake studies	1962
19640003488	Water impact of the mercury capsule correlation of analysis with nasa tests	1962
19640003489	Space-vehicle stabilized-platform gimbal- system weight-reduction study. phase ii design of ring gimbals summary report <jul. 1-dec. 28, 1962<	1962
19640003491	Optimum Interplanetary Rendezvous Trajectories with Power-Limited Vehicles. Revision 1	1962
19640003581	An ibm-7090 monte carlo program to calculate neutron transport in cylindrically symmetric shields with particular emphasis on neutron heating in liquid hydrogen	1962
19640004352	Vapor thermionic converters monthly progress report, 27 sep.-27 oct. 1962	1962
19640004601	The anomalous inclination of the jovian ammonia lines	1962
19640004935	Thin film large area photovoltaic solar energy converter	1962
19640004981	Masers	1962
19640004985	Study of principles of meteoroid protection progress report no. 3 2 oct. - 29 dec. 1961	1962
19640004986	Space charge created by an antenna in an ionized medium memorandum report	1962
19640005242	Notes from observatories on the continuous spectrum of venus and jupiter	1962
19640005260	The Stellar Content of NGC 3379	1962
19640005273	Design, development and manufacture of storage batteries for future satellites quarterly progress report no. 5, 4 nov. 1961-4 feb. 1962	1962
19640005274	Design, development and manufacture of storage batteries for future satellites quarterly progress report no. 6, 4 feb.-4 may 1962	1962
19640005275	Design, development and manufacture of storage batteries for future satellites quarterly progress report no. 7, 4 may-4 aug. 1962	1962
19640005276	Design, development and manufacture of storage batteries for future satellites quarterly progress report no. 8, 4 aug.-4 nov. 1962	1962
19640005277	Design, development and manufacture of storage batteries for future satellites quarterly progress report no. 9, 4 nov. 1962-4 feb. 1963	1962
19640005432	Experiments with drosophila melanogaster in magnetic fields	1962
19640005433	A comparison of the symptomatology experienced by healthy persons and subjects with loss of labyrinthine function when exposed to unusual patterns of centripetal force in a counter-rotating room	1962
19640005434	The validity of tests of canal sickness in predicting susceptibility to airsickness and seasickness	1962
19640005435	Human performance during two weeks in a room rotating at three rpm	1962
19640005436	Positional alcohol nystagmus in relation to labyrinthine function	1962
19640005622	Evaluation of regenerative fuel cell progress report for oct. 1962	1962
19640005626	Frequency response of the human semicircular canals. ii. nystagmus phase shift as a measure of nonlinearities	1962
19640005637	Evaluation of regenerative fuel cell monthly progress report for dec. 1961	1962
19640005888	The distribution of avidin	1962
19640005889	Forms of soil biotin	1962
19640005957	Monthly progress report no. 4 for october 1962 <experimental program for development of an "osmotic still" and improvement in the performance characteristics of the ionics dual membrane fuel cell<	1962
19640005974	Turbulent base flow investigations at mach number 3	1962
19640005979	Experimental investigation of heat transfer to nuclear rocket nozzles using shock tube techniques, phase i	1962
19640005982	A theoretical study of the propagation and attenuation of acoustic waves in the lunar surface interim report	1962
19640005984	Evaluation of regenerative fuel cell interim technical report, 25 jun. - 25 sep. 1962	1962
19640005985	Evaluation of regenerative fuel cell monthly progress report, jan. 1962	1962
19640006091	On the heating of the polar upper atmosphere	1962
19640006094	Silver-cadmium battery development program quarterly technical progress report for third quarter, ending 20 may 1962	1962
19640006095	Silver-cadmium battery development program quarterly technical progress report for fourth quarter, ending 20 aug. 1962	1962
19640006096	Silver-cadmium battery development program quarterly technical progress report for 5th quarter, ending 20 nov. 1962	1962
19640006122	Silver-cadmium battery development program quarterly technical progress report for second quarter ending 20 feb. 1962	1962
19640006359	Design and development of silver-cadmium storage batteries third quarterly report, 1 jan. - 31 mar. 1962	1962
19640006362	Monthly progress report no. 1 for july 1962 <development of "osmotic still" and improvement of performance of dual membrane fuel cell<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640006363	Monthly progress report no. 2 for august 1962 <development of "osmotic still" and improvement of performance of dual membrane fuel cell	1962
19640006364	Monthly progress report no. 3 for september 1962 <development of "osmotic still" and improvement of performance of dual membrane fuel cell<	1962
19640006365	Monthly progress report no. 5 for november 1962 <development of "osmotic still" and improvement of performance of dual membrane fuel cell<	1962
19640006415	Development of sealed low rate silver oxide- zinc cells fourth quarterly report, 22 aug. - 21 dec. 1962	1962
19640006416	Reduction of nystagmus and disorientation in human subjects joint research report	1962
19640006420	Research and development of high efficiency lightweight solar concentrators monthly progress report for february 1962	1962
19640006421	Research and development of high efficiency lightweight solar concentrators monthly progress report for apr. 1962	1962
19640006795	Experimental vibration program on a full scale saturn space vehicle	1962
19640006816	The evolution of massive stars. part iii. hydrogen exhaustion through the onset of carbon burning	1962
19640006853	Evaluation of regenerative fuel cell final report, 21 sep. 1960.- 9 mar. 1962	1962
19640007659	Absolute fluorescent quantum efficiency of sodium salicylate	1962
19640007666	Landau damping and resonant energy absorption	1962
19640007675	Investigations of carbides as cathodes for thermionic space reactors quarterly progress report, period ending nov. 30, 1962	1962
19640007676	Spectral emissivity of metals after damage by particle impact final report	1962
19640007762	A study of space radiation shielding problems for manned vehicles	1962
19640007768	Evaluation of regenerative fuel cell addendum report	1962
19640007901	Development of a blood-pressure transducer final report	1962
19640008217	Thermal modeling of a simulated jpl spacecraft, phase i results	1962
19640008536	A technique for estimating funding and manpower requirements for research and development long-range planning	1962
19640009536	Nike cajun sounding rocket performance	1962
19640009686	Velocity servo voltage controlled oscillator final report	1962
19640009702	Artificial intelligence- a summary of current research and development	1962
19640009704	Reflectivity characteristics of echo balloons final report	1962
19640009987	Electrical contact materials for space vehicle systems, phase 1	1962
19640010024	Anisoelasticity torque compensator design for satellite motion simulators	1962
19640010684	Design and implementation of physiologic monitoring systems semi-monthly progress letter mpl-1/191, may 23 - jun. 15, 1962	1962
19640010732	Research on the vortex mhd power generator second quarterly progress report	1962
19640010813	Evaluation of heat-flux meters. phase 2 - experimental investigation final report, feb. 1962-oct. 1962	1962
19640010819	Coupling of Sound and Panel Vibration Below the Critical Frequency	1962
19640010826	Design and construction of 4.2 deg kelvin maser refrigerator system final report	1962
19640010898	Lunar soil properties measuring device associated test equipment - operation and maintenance	1962
19640012545	Fluid impact craters and hypervelocity - high velocity impact experiments in metals and rocks	1962
19640012854	Combined semi-annual status report, nov. 19 1961 - oct. 31, 1962 <determination and analysis of the properties and characteristics of extremely small free-living and self-replicating cells<	1962
19640012866	Experimental studies for the detection of protein in trace amounts /j-bands/ first quarterly status report, 1 feb. 1962 - 30 apr. 1962	1962
19640012868	Experimental studies for the detection of protein in trace amounts /j-bands/ second quarterly status report, 1 may 1962 - 31 jul. 1962	1962
19640012871	Effects of simulated space environments on the viability of microorganisms quarterly status report, apr. 19, 1962 - jul. 15, 1962 effects of simulated space environments on the viability of microorganisms quarterly status report, apr. 16, 1962 - ju	1962
19640012873	Emergent organic chemistry under various planetary conditions and extraterrestrial matrices and environments first annual report <1 oct. 1961 - 30 sep. 1962<	1962
19640012874	Study of organisms under terrestrial and extraterrestrial conditions first semi-annual report	1962
19640012876	Biochemical activities of terrestrial microorganisms in simulated planetary environments interim report, 1 aug. 1962 - 31 jan. 1963	1962
19640012878	Molecular evolution in protobiological systems, including a search for catalysts and catalytic activity in the intermediate systems which form during the syntheses of low molecular weight organic compounds semiannual status report no. 1, dec. 1961 -	1962
19640012879	Radioisotopic biochemical probe for extraterrestrial life quarterly progress report no. 7	1962
19640012881	Experimental studies for the detection of protein in trace amounts /j-bands/ third quarterly status report, 1 aug. - 31 oct. 1962	1962
19640013611	Relaxation effects in the transport properties of a gas of rough spheres	1962
19640014030	The behavior of lunar satellites and the determination of their orbits- a preliminary investigation	1962
19640014075	Investigation relating to the development of cadmium telluride energy converters quarterly report no. 1, 10 jul. - 10 oct. 1962	1962
19640014086	Results of acoustical survey of sa-2 launch	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640014115	Investigation of the dsif 85-foot antenna structural deflections caused by deadload and thermal inputs	1962
19640014117	Response of spherical balloon to wind gusts	1962
19640014128	A moisture analyzer for martian atmosphere final report	1962
19640014129	Atmospheric composition instrumentation final report	1962
19640014133	Wind flow in the 80-400 km altitude region of the atmosphere	1962
19640014141	Thor delta description and payload capability	1962
19640015766	Lunar seismology	1962
19640016158	Review of direct measurements of interplanetary dust from satellites and probes	1962
19640016400	Radiative transfer in the atmospheres of venus and mars radiative transfer in the atmospheres of venus and mars	1962
19640016448	A study of meteoroid impact phenomena quarterly progress report, 14 jun. - 14 sep. 1962	1962
19640016662	Satellite situation report, volume 2, no. 13	1962
19640017389	NASA Lunar and Planetary Laboratory, Second Semi-Annual Status Report, 1 December -1961 - 1 June 1962	1962
19640017473	Feasibility Study of Various Absorbitivity Oxides as an Aid to Satellite Temperature Control. Final Annual Report	1962
19640017475	Sunflower Power Conversion System	1962
19640017887	Reliability assessment of the mariner space- craft	1962
19640017890	Spherical rotors for cryogenic gyroscopes final report	1962
19640017891	Magnetic effects of geomagnetically trapped particles	1962
19640017914	Sunflower power conversion system	1962
19640017960	Determination of tig welding control parameters and requirements for the automation of out-of-position welding, phase ii	1962
19640017965	Space Electric Power Systems Study	1962
19640018846	Investigation of rf noise generation from space vehicles final report, 24 jun. 1961 - 24 dec. 1962	1962
19640019082	Space flight beyond the moon. a story of advanced propulsion systems for interplanetary flight	1962
19640019277	A general least squares formulation for tracking system accuracy analysis - with application to the woomera station data of ma-6 mission plans office technical report no. 7	1962
19640019447	<optimal control synthesis> final report	1962
19640019488	Liquid sloshing in spherical tanks	1962
19640019491	Measurements on current sheets in plasmas	1962
19640019594	Survey of frictional problems in spacecraft final report	1962
19640019602	A rough estimate of the 'blackout' time in re-entry communications	1962
19640019605	Calibration of diatron-20 residual gas analyzer for use in high vacuum systems	1962
19640019655	Elastomeric pneumatic logic elements	1962
19640019781	Research and development techniques for fabrication of lightweight solar concentrators final report, 1 nov. 1961 - 6 oct. 1962	1962
19640023079	Use of the frobenius series in solving homogeneous linear systems of differential equations with weak singular points	1962
19640023220	Space systems analysis study summary report, jan. 1961 - mar. 1962	1962
19640023856	Feasibility study for a lunar landing flight research vehicle	1962
19640044086	Heat transfer study for arc jet engines, parts a and b summary report, dec. 11, 1961 - sep. 11, 1962	1962
19640044087	Heat transfer study for arc jet engines, part a	1962
19640044088	Heat transfer study for arc jet engines. part b- thermodynamic and transport properties of ammonia	1962
19640044110	An interpretation of the e-h formulation of electrodynamics of moving media from the point of view of minkowski's theory	1962
19640044116	Propellant feed systems for electrothermal engines summary report	1962
19640044132	Co-axial plasma gun second quarterly progress report	1962
19640044133	Evaluation of capacitors for space propulsion application first quarterly progress report	1962
19640044149	Low density arc ion engine development interim report no. 1 <for work through june 15, 1962>	1962
19640044161	Centaur pert report published august 3, 1962	1962
19640044162	Detailed test objectives for delta launch vehicle s/n 355/20001/20002 spacecraft- relay a-15, volume i	1962
19640044166	Rift monthly technical progress report, november	1962
19640044167	Evaluation of flight test propulsion systems and associated systems. saturn vehicle sa-2	1962
19640044169	Design guide for pressurization system evaluation liquid propulsion rocket engines volume iii - component design data 19 apr. 1961 - 30 sept. 1962	1962
19640044171	Prospectus	1962
19640044178	Thirty-kilowatt plasmajet rocket-engine development program first quarterly progress report, may 15 - aug. 15, 1962	1962
19640044187	Delta range safety trajectory and aerodynamic data for the delta tsx-2 payload mission, volume 1	1962
19640044188	Detailed Test Objectives Echo A-12 AVT Mission No. 2. Launch Vehicle: S/N 338. Payload: Echo A-12	1962
19640044192	Observed Missile Response to Wind Turbulence	1962
19640044195	Rlio rocket engine monthly technical report, 1 may - 1 june 1962	1962
19640044198	R110a-3 model specification no. 2272b	1962
19640044217	Plasticity and creep in shells of revolution under axisymmetric loads	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640044220	Liquid oxygen and fuel prevalves for nasa saturn program second monthly progress report, aug. 1 - 31, 1962	1962
19640044258	Development of instrumentation for space probes summary statement	1962
19640044272	A Steady State Hall Current Accelerator First Quarterly Progress Report, May 17 - Aug. 16, 1962	1962
19640044276	Upper air research at high latitudes quarterly progress report, 1 oct.-15 dec. 1963	1962
19640044286	A class of similar solutions for the velocity and the temperature boundary layer in planar or axially symmetric channel flow	1962
19640044295	Reliability study of saturn s-iv stage, volume 2 final report	1962
19640044299	Reliability study of saturn s-iv stage, volume i final report	1962
19640044309	Cryogenic research and development seventh progress report, period ending sept. 30, 1962	1962
19640044311	Paraglider development program emergency parachute recovery test. full-scale test no. 2	1962
19640044321	Application studies of low power arc-jet engines for attitude control, station keeping, orbit transfer, and related uses summary report	1962
19640044323	Co-axial plasma gun first quarterly progress report	1962
19640044325	Evaluation of as-55 and other high strength columbium alloys for alkali metal containment status report, 25 nov. 1962 - 25 dec. 1962	1962
19640044326	Evaluation of a high strength columbium alloy /as-55/ for alkali metal containment cb-5w-izr-0.06c-/y/ fourth monthly status report, 25 feb. 1962 - 25 mar. 1962	1962
19640044327	Development of a high strength containment alloy /as55/ for alkali metals /5w-izr-0.2y-0. 07c-cb/ monthly status report no. 2, 25 dec. 1961 - 25 jan. 1962	1962
19640044328	Alkali metals boiling and condensing investigations quarterly report no. 4, oct. 1, 1961-dec. 31, 1961	1962
19640044330	Apollo guidance and navigation- velocity steering studies for the apollo mission	1962
19640044331	Microwave driven magnetic plasma accelerator "cyclops" quarterly report no. 6, 1 jun. 1962-31 aug. 1962	1962
19640044336	Project mercury /ccmta/ launch simulation and rf compatibility, mercury ma-7	1962
19640044360	Apollo guidance and navigation- universal formulae for conic trajectory calculations	1962
19640044367	A piloted flight simulation study to define the handling qualities requirements for a lunar landing vehicle	1962
19640044368	Project mercury instrumentation "f" package qualification test report	1962
19640044372	16mm handheld spacecraft camera operations manual	1962
19640044373	Propellant feed systems for ion engines monthly letter progress report no. 7, may 1 - jun. 1, 1962	1962
19640044379	Heat transfer development program monthly project status report	1962
19640044380	Heat transfer development program monthly status report	1962
19640044381	Space power operation- heat transfer development program monthly project status report	1962
19640044384	Space Electric Power Systems Study	1962
19640044385	Two-stage potassium test turbine quarterly report no. 5, for quarter ending aug. 8, 1962	1962
19640044387	Investigation of exhaust nozzle flow phenomena in arc-jet engines progress report, jan. 11- jan. 31, 1962	1962
19640044388	Investigation of exhaust nozzle flow phenomena in arc-jet engines progress report, feb. 1- 28, 1962	1962
19640044392	Requirements for advanced technical development for spacecraft environment simulation	1962
19640044396	The magnetic field surrounding the earth	1962
19640044410	Saturn monthly progress report, may 14 - june 12, 1962	1962
19640044428	Evaluation of a high strength columbian alloy /as-55/ for alkali metal containment cb-5w- 1zr-0.06c-/y/ fifth monthly status report, mar. 25 - apr. 25, 1962	1962
19640044430	Heat transfer development program monthly project status report	1962
19640044432	A closed form solution of the motion of a thrusting vehicle acted on by a yo-system	1962
19640044437	Alkali metals boiling and condensing investigations quarterly report no. five, 1 jan.-1 mar. 1962	1962
19640044440	Performance tests on varian x-4700a rubidium vapour frequency standard	1962
19640044461	Study of problems associated with the clustering of very large solid-propellant motors third monthly progress report, 29 jun.-31 jul. 1962	1962
19640044463	Study of large launch vehicles using solid first stages, volume iv final report	1962
19640044464	Detailed test objectives for delta launch vehicle s/n 345/2025/3022 spacecraft- s-3a	1962
19640044465	APOLLO: 25 IRIG	1962
19640044469	Centaur pert report	1962
19640044470	Centaur pert report	1962
19640044471	Centaur pert report	1962
19640044472	Consolidated instrumentation plan ranger vehicle ra-4	1962
19640044499	High temperature properties of sodium fifth progress report, 1 oct. - 31 dec. 1961	1962
19640044500	Future projects office	1962
19640044502	Numerical method for acoustic focal point determination in a multi-layered atmosphere	1962
19640044521	Study of large launch vehicles using solid first stages, volume ii final report	1962
19640044529	Comparison of Thrust Vector Control Systems for Larger Solid Boosters	1962
19640044530	Preliminary flight rating test on rl10a-3 rocket engine	1962
19640044534	Thirty-kilowatt plasmajet rocket-engine development second year development program second quarterly progress report, 15 aug. - 15 nov. 1962	1962
19640044536	F-1 engine development program fourteenth quarterly progress report, 1 apr. - 30 jun. 1962	1962
19640044571	Space power operation. two-stage potassium test turbine monthly project status report	1962
19640044572	Space power operation. two-stage potassium test turbine monthly project status report	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640044573	Two-stage potassium test turbine. monthly project status report ending 8 apr. 1962	1962
19640044574	Two-stage potassium test turbine. monthly project status report, 8 june 1962	1962
19640044575	Two-stage potassium test turbine. third quarter project status report, 8 feb. 1962	1962
19640044576	Two-stage potassium test turbine. sixth quarterly project status report	1962
19640044581	High temperature properties of sodium sixth progress report, 1 jan. to 31 mar. 1962	1962
19640044595	Research and development of cryogenic propellant feed systems for electrothermal engines monthly progress report no. 8, 9 sep. - 9 oct. 1962	1962
19640044596	Research and development of lithium and lithium hydride propellant feed systems for electric propulsion systems summary report	1962
19640044601	A theoretical study of supersonic jet exhaust formations	1962
19640044630	Delta Range Safety and Aerodynamic Data for the S-99 Payload Mission, Volume 1	1962
19640044636	Engineering Evaluation Planning Study for Large Solid-propellant Stages Phase 1 <apr.-sep. 1963<	1962
19640044643	Consolidated Instrumentation Plan, Saturn C-1, SA-3	1962
19640044644	Study of Solid Propellant Systems for Space Propulsion Monthly Progress Report No. 1, 16 Mar.-13 Apr. 1962	1962
19640044649	Comparison of Saturn Vibration Data - Static and Flight	1962
19640044654	Project Mercury Status Report No. 13, Period Ending January 31, 1962	1962
19640044683	Heat transfer development program monthly project status report	1962
19640044684	Heat transfer development program monthly project status report	1962
19640044685	Heat transfer development program monthly project status report	1962
19640044701	Large plastic rocket motor cases interim progress report, 1 oct. - 31 dec. 1961	1962
19640044707	Research program related to vapor thermionic converters for nuclear application monthly progress report, 27 oct. - 27 nov. 1962	1962
19640044708	Two stage potassium test turbine monthly project status report, for period ending september 8, 1962	1962
19640044709	Two-stage potassium test turbine monthly project status report for period ending october 8, 1962	1962
19640044711	Program plan for tvc system development and delivery	1962
19640044714	New england regional conference on science, technology and space, massachusetts institute of technology, november 13, 1962	1962
19640044734	Large conical segmented solid-propellant p-1 motor. design, fabrication, and test final technical report	1962
19640044743	F-1 quarterly progress report	1962
19640044814	Meteorology program review	1962
19640044829	Engineering properties of potassium twentieth monthly report, may 1962	1962
19640044831	Carbide cathode studies-physical and chemical redeposition informal monthly report, 1 feb.- 28 feb. 1962	1962
19640044855	Project mercury /ccmta/ electrical mate and abort, mercury ma-8	1962
19640044856	Project mercury /ccmta/ launch simulation and rf compatibility, mercury ma-8	1962
19640044857	Project mercury /ccmta/ ma-8 simulated flight	1962
19640044858	Project mercury /ccmta/ flight configuration sequence and aborts, ma-8	1962
19640044859	Project mercury /ccmta/ launch countdown, mercury ma-7	1962
19640044860	Project mercury /ccmta/ flight configuration sequence and aborts, ma-7	1962
19640044861	Project mercury /ccmta/ gantry checklists ma-8	1962
19640044862	Project mercury /ccmta/ launch complex checkout, ma-8	1962
19640044863	Project mercury /ccmta/ electrical interface tests, ma-7	1962
19640044891	Study and analysis of advanced spaceborne detection, tracking, and navigation system. part i - problem definition	1962
19640044900	Apollo solar photovoltaic power system technical report, 16 apr. - 10 jul. 1962	1962
19640044901	Project mercury familiarization manual	1962
19640044977	Nasa propellant processing studies quarterly progress report <no. 3< 17 apr. - 17 jul. 1962	1962
19640045021	Acoustic theory of sonic boom propagation in an inhomogeneous atmosphere	1962
19640045033	Saturn computer monthly progress report, january 1962	1962
19640045037	Project mercury /ccmta/gantry checklists, ma-7	1962
19640045063	X-15 pilot-in-the-loop and redundant/emergency systems evaluation	1962
19640045068	Statement of dr. wernher von braun before the subcommittee on manned space flight, committee on science and astronautics, house of representatives	1962
19640045079	Some problems in systems reliability analysis	1962
19640045134	Optical measurements of planetary atmospheres from an earth satellite- a feasibility study	1962
19640045189	Saturn Monthly Progress Report, 13 Jun.-12 Jul. 1962	1962
19640045237	Field wind weighting and impact prediction for unguided rockets	1962
19640045356	Results of acoustical survey of sa-1 launch	1962
19640045416	Transistor video amplifiers with a logarithmic response	1962
19640045429	Digital data processor pfm octal-to-decimal converter	1962
19640045442	Goddard monitor programs	1962
19640045444	External system programs	1962
19640045445	Simulation programs	1962
19640045453	Low Level Acceleration Measurement Status Report	1962
19640045488	Ti-8al-1mo-1v, ti-5al-5sn-5zr and ti-7al-12zr "super-alpha" titanium alloys appendix	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640045510	A monte carlo procedure for radiation transport and heating studies	1962
19640045620	1962 progress and astrac ii project	1962
19640045664	Delta Range Safety and Aerodynamic Data for the S-3C Payload Mission, Volume I	1962
19640045671	Study of Large Launch Vehilles Using Solid First Stages. Volume III- Cluster Structure, Vehicle Support Structure Evaluation. Launch Site Operational Support Requirements	1962
19640045887	Flight plan for ma - 8 / 16	1962
19640045889	Project mercury- mercury-atlas no. 8 recovery requirements	1962
19640045894	Lunar Flight Study Series: Volume 1. Earth-Moon Transit Studies Based on Ephemeris Data and Using Best Available Computer Program. Part I: Periselenium Conditions as Function of Injection Conditions	1962
19640045903	Saturn launch complex reliability test program- fuel transfer line expansion joint, pn 10429069 reliability test report	1962
19640045904	Developmental testing techniques employed in the saturn hot-jet tests conducted at lewis research center's 8 x 6 foot wind tunnel facility saturn base meeting summary report	1962
19640045907	Renewal of intestinal epithelium in the freshwater turtle, chrysemys picta	1962
19640045944	Saturn operational flight control scheme, conceptual study. volume iv- technical data summary report	1962
19640045945	Flight evaluation of axial force and base pressure for saturn sa-1	1962
19640045956	A monte carlo calculation of the three- dimensional development of high-energy electron-photon cascade showers	1962
19640045965	Qualifications and reliability test report for the rfi suppression characteristics of diode- fuse circuitry. saturn launch complex reliability test program technical memorandum	1962
19640045979	Briefing on research on lunar orbit rendezvous for nasa headquarters and chance vought personnel	1962
19640045988	Project mercury familiarization manual. nasa manned satellite spacecraft 18 orbit configuration	1962
19640046071	A short way of solving advanced problems in electromagnetic fields and other linear systems	1962
19640046087	Investigation of rarefied gas flows interim report	1962
19640046159	Ac arc dynamics, stabilization and starting criteria fifth quarterly progress report, jul. - sep. 1962	1962
19640046198	Explosive forming of bulkheads, gores and solar concentrator leaves final report	1962
19640046199	Some comments and recommendations on a lunar logistic system	1962
19640046276	Ultraviolet spectrometer electronics final engineering report	1962
19640046318	Study of Solid Propellant Systems for Space Propulsion Monthly Progress Report, 16 Apr. - 18 May 1962	1962
19640046349	Planning data for c-5 and nova launch facilities	1962
19640046444	Design, fabrication, and testing of a cesium ion rocket engine first quarterly progress report, phase iii, 1 sep. - 30 nov. 1962	1962
19640046445	Ac arc dynamics, stabilization and starting criteria fourth quarterly progress report, apr. - jun. 1962	1962
19640046517	Development of an image converter of radical design monthly progress report no. 1, 1 jul. - 31 jul. 1962	1962
19640046588	A selected bibliography and summary of articles on automatic control - march 1962 through december 1962, volume i	1962
19640046612	Oxygen reduction on electrodes of low-temperature fuel cells i. reduction at the line of triple contact between electrode, electrolyte, and gas <reduction de l oxygene aux electrodes de piles a combustibles a basse temperature. i-reduction a la ligne de contact triple- electrode-electrolyte-gaz<	1962
19640046618	Thirty-Kilowatt Plasmajet Rocket Engine Development Interim Progress Report, 1 Nov. 1961 - 1 May 1962	1962
19640046678	Revised multiple beam vibration analysis of the saturn sa-1 vehicle	1962
19640046679	Saturn block ii preliminary vehicle stability analysis and booster fin flutter analysis for symmetric degrees of freedom	1962
19640046687	Polaris materials manual. vol. ii- structural materials for a3 motor chambers	1962
19640046698	Program Review- Communications	1962
19640046711	Engineering, fabrication, and related services in support of development activities in connection with the saturn program	1962
19640046719	Conceptual study-saturn operational flight control scheme. volume 2, functional requirements summary report, 11 dec. 1961 - 11 sep. 1962	1962
19640046740	Investigation of the para-ortho shift of hydrogen technical documentary report, jul. 1960 - mar. 1962	1962
19640046896	Nasa wetting and non-wetting mercury condensing research quarterly progress report no. 2, april - june 1962	1962
19640046920	Test Results, Part I of the Firing Test Report Saturn Vehicle SA-3	1962
19640046921	Preliminary performance analysis for the nova vehicle	1962
19640046932	C-5 Performance Summary	1962
19640046934	Stability Analysis of Saturn Block I with Emphasis on SA-1 and SA-2	1962
19640047066	Saturn C-1 Block I Vehicle Test Flights- Investigation of Rigid Body Dynamics	1962
19640047159	Saturn launch vehicle reliability study. volume iii- reliability test program for the s-1 stage propulsion system final report	1962
19640047183	Analysis of big shot 1 and big shot 2 amrs- trinidad radar data	1962
19640047186	Reliability test of the saturn quick release plate assembly, pn 10423514, and quick release housing assembly, pn 10423593	1962
19640047219	NASA-DoD Large Launch Vehicle Planning Group, Volume II	1962
19640047220	Applications of the rotating field detector	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047231	X-ray densitometer operating instructions and final report	1962
19640047417	Microwave driven magnetic plasma accelerator, "cyclops" quarterly report no. 5, 1 mar. - 31 may 1962	1962
19640047427	Orbit determination and general purpose differential correction program	1962
19640047476	Electrostatic gyroscope for spacecraft final report <jun. 1960 - jul. 1962<	1962
19640047520	Pigmented surface coatings for use in the space environment <final report< jul. 1961 - jul. 1962	1962
19640047744	Altitude chamber conversion plan technical report and design specification final report, apr. 1961 - jan. 1962	1962
19640047747	Project mercury /ccmta/ launch countdown mercury ma-8	1962
19640047748	The compatibility of various metals with liquid fluorine final report, 15 oct. 1960 - 15 oct. 1961	1962
19640047855	A study of a transient transistor model in a compensated saturated circuit final report, part two	1962
19640048029	R110a-3 rocket engine semiannual technical summary report <22 mar. - 15 nov. 1961<	1962
19640048086	Vehicle system integration requirements and restraints document for the orbiting astronomical observatory /s-18/ spacecraft	1962
19640048152	Syncom Booster Feasibility Study Final Design Report	1962
19640048229	Post nova launch vehicle study. volume i - technical analysis monthly progress report no. 4, 13 oct. 1962 - 12 nov. 1962	1962
19640048477	Feasibility study of a continuous flow magnetogasdynamic rocket for space propulsion final report	1962
19640048547	Repetitively pulsed 2-stage plasma propulsion engine second quarterly progress report, 1 sep. - 30 nov. 1962	1962
19640048557	Magnetic induction plasma engine annual report no. 1	1962
19640048590	Ionizer development and surface physics studies interim summary report, 27 feb. 1961 - 26 sep. 1962, pt. 1	1962
19640048612	Two-dimensional or axially symmetric real gas flows by the method of characteristics, part iii- a summary of results from the ibm 7090 program for calculating the flow field of a supersonic jet	1962
19640048615	Preliminary analysis of early flight hazards for saturn c-5 and nova vehicles	1962
19640048627	A program of ion source research and development quarterly progress report no. 1, jun. 20 - sep. 21, 1962	1962
19640048768	Axisymmetric turbulent boundary-layer flow determined with only body geometry known	1962
19640048848	A study of water reclamation systems for space stations	1962
19640048862	Vehicle system integration requirements and restraints for the s-27 spacecraft	1962
19640048887	J-2 program quarterly progress report for period ending 31 aug. 1962	1962
19640049025	High resolution hemispherical reflector antenna techniques fifth quarterly report, 1 mar. - 31 may 1962	1962
19640049026	Spherical engines	1962
19640049062	Spherical High-Energy Solid-Propellant Rocket Motor Monthly Progress Report, Aug. 1-31, 1962	1962
19640049074	High Performance Nozzles for Solid-Propellant Motors Third Monthly Status Report, 31 Aug. - 30 Sep. 1962	1962
19640049121	Monthly status report no. 5, 1 november - 30 november 1962	1962
19640049122	Monthly status report no. 4, 1 october - 31 october 1962	1962
19640049130	Study of the purification of water from biological waste	1962
19640049286	Saturn sa-2 flight evaluation	1962
19640049362	S-band solid-state detector-amplifier quarterly progress report, 1 jun. - 31 aug. 1962	1962
19640049609	Reliability test report for the remote control regulator, pn 10430137. saturn launch complex reliability test pro	1962
19640049610	Reliability test report for the pressure switch, pn 10434439. saturn launch complex reliability test program	1962
19640049649	Spacecraft Design. Lunar Landing Studies Technical Memorandum No. 15	1962
19640049711	Thermal models for high density computer cir- cuit structures	1962
19640049854	Saturn Monthly Progress Report, July 13 - August 13, 1962	1962
19640049855	Saturn monthly progress report, august 14 - september 14, 1962	1962
19640049856	Saturn monthly progress report, september 15 - october 15, 1962	1962
19640049857	Saturn monthly progress report, october 16 - november 12, 1962	1962
19640049863	Hypergolic Ignition of Solid Propellants Under Dynamic Flow Environment Monthly Status Report No. 5, 1 Nov. - 30 Nov. 1962	1962
19640050008	Suitability of the Discoverer and Nerv Entry Vehicle for Mars Atmospheric Entry. Volume II- Heat Shield Design	1962
19640050027	Development and Test of Solid Fuel Rocket Attitude Control System Monthly Progress Report No. 1, 9 Jul. - 9 Aug. 1962	1962
19640050028	Development and Test of Solid Fuel Rocket Attitude Control System Monthly Progress Report No. 2, 10 Aug. - 9 Sep. 1962	1962
19640050067	High-accuracy satellite tracking systems fifth quarterly report, 1 apr. - 30 jun. 1962	1962
19640050068	High-accuracy satellite tracking systems ninth quarterly report, 1 apr. - 30 jun. 1963	1962
19640050076	The effect of ferromagnetic impurities on the behaviour of copper coils in a magnetic field	1962
19640050077	The shear stiffness of a corrugated web	1962
19640050101	Elastic stability of integrally stiffened cylinders	1962
19640050115	Preliminary rift site development and utility requirements	1962
19640050116	Facility requirements for the rift cold-flow facility, sunnyvale, california	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050117	Cryogenics development program. 8 august 1962 presentation at nasa msfc	1962
19640050118	Preliminary rift requirements for central support facilities and site utilities at nrds	1962
19640050119	Nrds demating facility requirements	1962
19640050120	Preliminary service systems requirements for the nrds vehicle test stands	1962
19640050121	Requirements for stage static test facilities nrds, nevada	1962
19640050123	Rift program data submittal document	1962
19640050125	Rift vehicle transportation plan	1962
19640050126	Rift manufacturing plan. volume i- manufac- turing operations preliminary report	1962
19640050131	Preliminary rift experimental tool program	1962
19640050132	Checkout and launch plan, revision no. 1	1962
19640050134	Rift sequential operational plan outline	1962
19640050136	Preliminary test operations program plan	1962
19640050137	Preliminary candidate list for preferred parts rift stage	1962
19640050193	A lunar seismometer capsule subsystem for ranger sixteenth bimonthly technical progress report, 19 oct. - 18 dec. 1962	1962
19640050207	Theoretical and experimental investigation of arc jet engine nozzle flow quarterly progress report no. 1, 1 jul. - 1 oct. 1962	1962
19640050221	Ionizer development and surface physics studies, part ii interim summary report, 27 feb. 1961 - 26 sep. 1962	1962
19640050235	Static longitudinal stability characteristics of a blunt cylinder with a 30 deg slotted frustum afterbody over a mach number range of 0.40 - 4.96 /project eyeball/	1962
19640050237	Vibration and acoustic analysis of saturn sa-2 flight	1962
19640050245	Apollo and the unmanned program	1962
19640050266	Further comparative tests on stacks of molybdenum disilicide discs and carbon discs for use as pressure controlled resistances in voltage regulators	1962
19640050268	An introduction to transfer orbits	1962
19640050399	Project Fire	1962
19640050497	500,000 pound load cell development program technical memorandum	1962
19640050498	Saturn launch complex reliability test program. reliability test report for the pneumatic control distributor hand value pn 10430131 technical memorandum	1962
19640050544	A limited investigation into the transient longitudinal stability of a small surface piercing hydrofoil boat final report	1962
19640050714	Study of spacecraft bus for lunar logistics system, volume ii. part a- technical plan /sections i-iv/	1962
19640050740	Project Fire First Quarterly Progress Report, 14 May - 30 Jun. 1962	1962
19640051063	Manufacturing methods study on voltage-tunable magnetrons interim technical documentary progress report, 1 jul. - 30 sep. 1962	1962
19640051088	Estimates of atmospheric transmission for project press	1962
19640051134	Development of dies for extrusion of complex shapes of steel and refractory alloys interim engineering progress report, 16 oct. - 31 dec. 1963	1962
19640051558	Advanced Lunar Transportation System Interim Progress Notes	1962
19640051642	Orbital transfer and satellite rendezvous	1962
19640051927	New and improved materials for expandable structures technical documentary report, feb. 1961 - jan. 1962	1962
19640052026	Report on the development and manufacture of a numerically controlled three-dimensional contour milling machine	1962
19640052298	The impedance of a cylindrical dipole in a homogeneous anisotropic ionosphere, ii scientific report no. 3	1962
19640053015	Suppressed sidelobe horn antenna	1962
19640053209	Evaluation of regenerative fuel cell progress report, july 1962	1962
19640053210	Evaluation of regenerative fuel cell progress report, august 1962	1962
19640053511	Cross-Range Maneuvers Using Side Thrusts	1962
19640053558	Impact Investigation of a Solid-State Data Storage Unit Final Report	1962
19640053563	Development of blood pressure monitor /arterial wave velocity meter/ final report	1962
19640053623	Final report <balloon flight operations at goose bay<	1962
19640053929	Development of Design Data for the Application of Phenolic Asbestos Laminates on Fire Vehicle Heat Protective Systems	1962
19640054089	Proposal - An All-Metal Volatile Liquid Positive Expulsion System	1962
19640054171	Magnetic Attitude Control of the Tiros Satellites	1962
19640054296	Performance Evaluation of Liquid Vapor Sensors in a Zero-Gravity Environment at Liquid Hydrogen Temperature	1962
19640054836	The ballistic design, loading, inspection, and handling of high strength solid propellant rocket motor assemblies quarterly progress report no. 2, 16 sep. - 15 dec. 1962	1962
19640054849	An Evaluation of the Mechanical Properties of Adhesives at Cryogenic Temperatures and Their Correlation with Molecular Structure	1962
19640054852	Development of Self-Rigidizing Lightweight Structures	1962
19640055323	Accessory Power Unit Development for X-20 (Dyna-Soar)	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640055350	Stress analysis and material selection report technical data	1962
19640055652	Reflection spectra as a basis for studying extraterrestrial life quarterly report	1962
19640055653	Reflection spectra as a basis for studying extraterrestrial life interim report, i apr. - 22 aug. 1962	1962
19640055832	Satellite situation report, volume 2, no. 13	1962
19640056480	Optimizing properties of houze 29-a glass fibers quarterly progress report, aug. 15, 1962 - nov. 15, 1962	1962
19640056869	Handbook of instructions for mec model 3010 x-y recorder	1962
19640056883	Handbook of instructions for mec model 75 data receiver	1962
19640057036	Handbook of instructions for mec model 74 data transmitter	1962
19640057204	Dynamic behavior of porous electrode systems semiannual status report no. 1, aug. 10, 1961 - feb. 28, 1962	1962
19640057833	Microminiature integrated circuit package first quarterly progress report, jul. 1 - oct. 1, 1962	1962
19640058000	A portable, blast-contained, explosive light source for highspeed shadowgraphs	1962
19640058008	Ir - spectra of s - triazine derivatives <final report, oct. 1960 - nov. 1961<	1962
19640058015	Noise in fm receivers	1962
19640058032	High Mass Fraction Solid-Propellant Rocket Design Concept	1962
19640058040	Research and development to advance the state- of-the-art of high-energy solid propellants final report, 15 apr. 1961 - 30 apr. 1962	1962
19640058044	Development of Rocket Motor EM-36A Final Report	1962
19640058067	Report of the b-58 flight control system review board	1962
19640058075	Some results of applied research on materials and processes for providing heat-resistant rocket components, supplement	1962
19640058086	Qualification test of ylr62-rm-2 packaged liquid propellant thrust unit for the bullpup b missile	1962
19640058087	Research on high energy oxidizers for advanced solid rocket propellants quarterly progress report, 1 oct. - 31 dec. 1962	1962
19640058088	Research and development of high-energy propellants from nitrogen-rich binders quarterly report no. 2, 1 may - 31 jul. 1962	1962
19640058092	Transducer dome bars as a cause of sonar spoking	1962
19640058099	Report of Research Activities at NASA Lewis Research Center from 1 Sep. 1962 to 30 Sep. 1962	1962
19640058111	Spectral suitability modulation and detection techniques in communication with wavelengths between 30 and 10,000 angstroms, part ii final report	1962
19640058116	Missile airframe cost estimating techniques	1962
19640058124	Some notes concerning the design of optimum space radiators	1962
19640058131	Planar integration of thin film functional circuit units second quarterly report, 1 dec. 1961-28 feb. 1963	1962
19640058132	Research and development of electrical connection techniques for functional electronic blocks interim engineering report no. 4, 1 jan.-31 mar. 1962	1962
19640058136	[No Title]	1962
19640058137	Research on fluorine based solid oxidizers quarterly progress report no. 1, period ending 25 jun. 1962	1962
19640058138	Bulletin of the 18th meeting, janaf-arpa-nasa solid propellant group, pittsburgh, pennsylvania, june 5-7, 1962, volume iv, addendum	1962
19640058139	Solid rocket motors for space boosters - progress in development	1962
19640058140	The development of large solid propellant rocket motors	1962
19640058141	Carboxyl-terminated butadiene polymers as binders for composite propellants	1962
19640058142	Fast burning solid propellants by the surface disruptive technique	1962
19640058143	Solid propellant selection for very large motor development - design analysis, propellant characteristics and structural behavior	1962
19640058144	Fluid injection thrust vector control for large solid motors	1962
19640058145	Refractory materials development for stage i minuteman	1962
19640058146	Pyrolytic materials research	1962
19640058160	Feasibility demonstration of the r-f nozzle concept final report <1 jan. 1961- 31 may 1962<	1962
19640058161	Advancement of solid propellant rocketry quarterly progress report, oct.-dec. 1961	1962
19640058164	Ws107c- titan ii design data book, volume iii	1962
19640058174	Sergeant gyro test program fourth interim report	1962
19640058181	Research on advanced solid propellants quarterly progress report, 11 jun.-10 sep. 1962	1962
19640058186	Sergeant gyro test program interim report	1962
19640058191	Missile airframe cost estimating techniques- problems and possible solutions	1962
19640058196	NASA Mission MA-5 /93D/ Flight Evaluation Summary	1962
19640058214	Operational considerations and design tradeoffs for a manned military reentry vehicle	1962
19640058252	Aicbm potentialities of an existing russian radar	1962
19640058275	[No Title]	1962
19640058284	Environmental control systems selection for unmanned space vehicles, part i	1962
19640058288	Research and development to advance the state of the art of rocket propellant components final report	1962
19640058295	Stellar and Planetary Observations at 10 Microns	1962
19640058296	Electromagnetic phenomena with special reference to elf /1-3000 cps/, bibliography technical report no. 10	1962
19640058297	Polar Beacon Ionosphere Satellite	1962
19640058302	Military orbital development systems. space station maintenance and repair	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640058303	Coverage considerations of random satellite communication systems	1962
19640058306	Martian Airglow	1962
19640058318	Turbine engine compressor stall sensing and control, a short bibliography	1962
19640058327	History of the pacific missile range and the naval missile center historical report, 1 jan. - 31 dec. 1961	1962
19640058340	X-15 status report, april 2, 1962	1962
19640058342	Jet engine control simulation	1962
19640058348	Basic investigation of the operation of propellant actuated devices in space environment, phase iii, part 3	1962
19640058351	Spacecraft test facilities	1962
19640058360	Gemini Launch Vehicle Six Percent Model Test Results from Mach 2.0 to 3.5 at High Angles of Attack, Volume 1	1962
19640058391	Pressure ratio measurement with a no-moving-parts pneumatic device	1962
19640058398	Mercury Bio-Physical Spacecraft	1962
19640058399	Cryogenics and low temperature research astia report bibliography	1962
19640058409	Maintenance and maintainability, a report bibliography	1962
19640058410	Hydrofoils. an astia report bibliography <1953 - dec. 1961<	1962
19640058414	A multiple payload icbm delivery capability using explicit guidance	1962
19640058443	Polaris materials manual, volume i	1962
19640058454	Strain aging effects in tungsten due to carbon	1962
19640058455	The x-15 - after the first 100 flights	1962
19640058464	Development of techniques for producing beryllium structural shapes final technical engineering report, 24 aug. 1960 - 8 mar. 1962	1962
19640058491	The state of ionization of solid propellant rocket exhausts	1962
19640058512	Model for prediction of retinal burns	1962
19640058515	Carrier suitability trials of the model yf8u- 2ne airplane report no. 1, shipboard evaluation phase	1962
19640058516	Service suitability trials of the model f8u- 2ne airplane report no. 1 /final/	1962
19640058517	Armament and electrical/electronic trials of the f84-2ne airplane report no. 1 /final/	1962
19640058519	Combined stability and control and aircraft and engine performance trials of the f8u-2ne airplane final report no. 1	1962
19640058523	[No Title]	1962
19640058531	Turbine speed regulation with a pure fluid system	1962
19640058534	Emergency detection and escape initiation system. part i- liquid propellant boosters <final report<	1962
19640058548	History of the george c. marshall space flight center from january 1 through june 30, 1962. volume 2 - supporting documents	1962
19640058554	Optimum wind-over-deck for shipboard recovery operations with carrier based airplanes report no. 2 /final, supplement/	1962
19640058555	Optimum wind-over-deck for shipboard recovery operations with carrier based airplanes report no. 2 /final/	1962
19640058573	Improved seals for catapults, removers, thrusters, and initiators	1962
19640058580	Time profile of tissue ionization dosages for bailey's synthetic spectrum of a typical solar flare event	1962
19640058600	Research and development to advance the state of the art of rocket propellant components quarterly report no. 1	1962
19640058603	Aeroballistics contribution to the marshall sa-d1 final report	1962
19640058604	Advanced development of pfr-6 final report, 1 mar. 1961 - 30 apr. 1962	1962
19640058606	Natural environmental design criteria for the c-5 vehicle	1962
19640058621	Broadband tunnel-diode amplifiers	1962
19640058655	Electrostatic projection of high strength particles summary report	1962
19640058669	The Use of an Atlas-Agena with Solid Stage for the Stationary Satellite Orbit	1962
19640058673	Digital transducer techniques	1962
19640058693	Tentative snap-10a safety flight test plan	1962
19640058703	High frequency scattering from a coated cylinder	1962
19640058722	Fiber optics image dissector assembly final report	1962
19640058725	The properties of ultra-high strength bainitic structures quarterly report no. 3, apr. 15 - jul. 15, 1962	1962
19640058727	The fluorescent decay of csi/t1/ excited by charged particles	1962
19640058735	Test and model information for wind tunnel tests of a 0.02-scale pressure model /ps-1/ of the apollo in the jet propulsion laboratory 20-inch supersonic wind tunnel and 21-inch hypersonic wind tunnel	1962
19640058747	Advanced propulsion concepts, volume ii	1962
19640058748	Investigation of basic problems related to the supersonic combustion ramjet	1962
19640058749	Current research on the supersonic combustion ramjet	1962
19640058750	Scramjet potential	1962
19640058751	Advanced concepts in solid rockets	1962
19640058752	Hybrid propellant combustion characteristics and engine design	1962
19640058753	A review of new high energy propellants	1962
19640058754	Investigations of reactions of rare gases	1962
19640058755	Advanced concepts for solid core, heat exchanger nuclear rocket propulsion reactors	1962
19640058797	Tiros attitude determination utilizing infrared data technical note no. 1	1962
19640058808	Rocketdyne propulsion review, august 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640058809	A methodology for the selection of power systems for ordnance vehicles final report on phase 1	1962
19640058811	Quarterly progress report for october, november, december 1962	1962
19640058812	Research in the synthesis of high-energy storable oxidizers	1962
19640058817	Project hawk interim technical report no. 40, jul. - sep. 1962	1962
19640058821	Evaluation of hydrocarbon materials as vaporizing fuels final report, 1 jul. 1960 - 31 jan. 1962	1962
19640058822	Interplanetary probe study, final report	1962
19640058824	Tropical upper air studies. the periodicity of upper air winds in the tropics quarterly progress report no. 1, 23 mar. - 31 aug. 1962	1962
19640058828	Solid-state electronics research quarterly status report no. 14, 1 jan. - 31 mar. 1962	1962
19640058832	The development and preliminary design of a helicopter-towed, hydrofoil sea-pallet final report	1962
19640058836	Snap-2 combined rotating unit design study /technical discussion/	1962
19640058842	A study of photovoltaic solar cell parameters documentary final report, 15 dec. 1960-15 dec. 1961	1962
19640058843	Stable dense cold plasma third quarterly progress report, period ending 30 nov. 1962	1962
19640058844	S-band solid-state detector-amplifier third quarterly progress report, 1 sep.-30 nov. 1962	1962
19640058869	Quarterly progress report no. 4 of the radio systems division, april - june 1962	1962
19640058870	High voltage research in the united states, 1962 /including contributions from canadian laboratories/	1962
19640058871	The probability of intercepting radio signals scattered by meteor trails	1962
19640058875	A study of metallurgical effects in high velocity deformation of copper using rotary extruded liners	1962
19640058888	Snap-8 Configuration Study and Space Frame Preliminary Design Final Report	1962
19640058899	Flutter tests of semi-rigid wing models at mach numbers 5 to 10	1962
19640058926	Ablative thrust chamber unit /atcu/ final report	1962
19640058975	High intensity radiation device quarterly report, 15 may - 15 aug. 1962	1962
19640058994	Six-degree-of-freedom flight-path study ge-eralized computer program. part i, supple- ment 2, methodology and selected solutions of high relative velocity intercept dynamics. volume three- program listing final report apr. 1961 - 30 apr. 1962	1962
19640058995	Ap22s-2 full pressure suit evaluation in the u-2 aircraft <final report<	1962
19640058997	Synthesis of improved thermally protective plastics and composites for hyperthermal en- vironments asd quarterly report no. 2 <jun. - sep. 1962<	1962
19640058999	Flight path error and dispersion analysis gen- eralized computer program. part ii. user's manual. supplement 1- program listing final report, 1 feb. 1961 - 30 sep. 1961	1962
19640059000	Feasibility of a solar energy device. part ii. an investigation of the performance of a subsonic diffuser at low densities <final report<	1962
19640059003	Gas duplexer /pinch effects/ fourth quarterly progress report, apr. 1 - jun. 30, 1962	1962
19640059004	Procedure for evaluation of coated refractory alloys <final report< apr. 1961 - may 30, 1962	1962
19640059008	Solid state photographic process final report	1962
19640059009	Study of optical fiber techniques for data processing final report	1962
19640059016	Skin panel flutter test, refine i, ad-375d-4, spo no. 184	1962
19640059018	Manufacturing methods for indium antimonide infrared detectors final report, 13 oct. 1959 - 31 oct. 1962	1962
19640059023	Investigation of new microwave delay techniques final report, 1 feb. 1960 - 1 aug. 1962	1962
19640059026	The application of isotensoid membranes to the design of inflatable drag bodies	1962
19640059029	Molecular structure and physical behavior of polymers interim report, 1 feb. 1961 - 1 feb. 1962	1962
19640059030	The application of radio isotopes for low thrust rocket propulsion	1962
19640059036	Telemetry transducer handbook. volume ii, supplement 2	1962
19640059038	Research on aromatic polymers for thermally- stable fibers and films	1962
19640059041	An astronaut escape system	1962
19640059050	Two dimensional or axially symmetric real gas flows by the method of characteristics, part iv- nonequilibrium flow	1962
19640059071	The potential performance of supersonic- combustion ramjet engine	1962
19640059075	A regenerative cooling nomograph for 5c ramjet engines	1962
19640059085	Pressure tests on several blunt roll fins in uniform and non-uniform flow fields at mach number 2.5	1962
19640059094	Weapon System 107A-2 Monthly Report No. 11, Aug. 1962	1962
19640059095	Titan II Post-Flight Weight Statement	1962
19640059097	Results of wind tunnel tests to evaluate static and dynamic stability characteristics on the skybolt nose cone configurations at m equal 10 technology experimental data report	1962
19640059106	Titan ii post-flight performance weight	1962
19640059107	Supersonic combustion ramjet engine cycle analysis	1962
19640059112	Satellite communications terminals. volume i- system description and technical reports final report	1962
19640059122	Weapon system 107a-2 quarterly program progress report, 1 jul. - 30 sep. 1962	1962
19640059124	Data Report, BTWT 678 - High Speed Air Load and Hinge Moment Test of AD-501M-2, A.06 Scale Model of the Dyna-Soar 844-2005 Glider Configuration	1962
19640059127	A preliminary study of a recoverable flying booster for polaris	1962
19640059133	Boeing Supersonic Wind Tunnel Test No. 116 - Total Pressure and Static Pressure Measurement on Lower Surface of Ad-501P-1, a.06 Scale Model of the 844-2005 Dyna-Soar Glider Vehicle Data Report	1962
19640059135	A high speed force and hinge moment test of the dyna-soar glider data report btwt t15	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059136	Supersonic test on ad5871-1 a. .066 scale model to establish loads and pressures on the transition section of the 844-2050 dyna-soar glider during separation /sp0126/ data report bswt 132	1962
19640059137	Pressure test of the ad-594p-1 data report btwt 702	1962
19640059139	Data Report Btw 672. A Transonic Speed Test of the Dyna-Soar Glider	1962
19640059142	A High Speed Heat Shield Release, Pressure and Force Test of the Dyna Soar Glider Data Report 738	1962
19640059148	Lunar landing studies- launch vehicle technical memorandum no. 25	1962
19640059157	2.75 inch fin aircraft rocket /ffar/ motor performance research phase i, aircraft armament program	1962
19640059159	BTWT 678 High Speed Air Load and Hinge Movement Test of AD-501M-2. A. 06 Scale Model of the Dyna-Soar 844-2005 Glider Configuration	1962
19640059179	Data Report, Arnold Engineering Development Center Tunnel Boeing Test No. 21, Hypersonic Performance Stability and Control Tests of AD-599I-1, A.054 Scale Model of the Dyna Soar Glider	1962
19640059180	Heat Transfer and Pressure Test on a.0167 Scale Dyna Soar Glider with Transition	1962
19640059181	Heat Transfer and Pressure Test on a.033 Scale Glider, Transition, and Booster of a Dyna Soar Configuration Data Report	1962
19640059182	Data Report Bswt 121 Supersonic Force, Stability and Control Test on a.0666 Scale Model of the 844-2050, Ad-600I-1 Dyna-Soar Glider	1962
19640059187	High resolution display media final report	1962
19640059189	Thermoelectric and mechanical stability of platinel ii thermocouples in oxidizing atmospheres final report, feb. 1961 - jul. 1962	1962
19640059197	Communications-test instrumentation subsystem simulation test results	1962
19640059202	Data Report, Boeing Transonic Wind Tunnel Test No. 700. Force and Hinge Moment Test on Dyna-Soar Model Ad-600I-1	1962
19640059217	Dyna-Soar Global Test Range Support Requirements	1962
19640059218	Mission Guidance and Energy Management Analysis Report	1962
19640059221	Heat transfer and pressure test on a .d167 scale dyna soar vehicle data report jrl 21-69	1962
19640059226	Ames Research Center, Tests 86, 94, and 60. Arnold Engineering Development Center, Test No. 301142. Supersonic and Transonic Force Tests on AD-4781-2, a.04 Scale Model of the Modified 2035 Dyna-Soar and the Titan II Boost Vehicle	1962
19640059235	Data report btwt 744. a high speed pressure test on the ds-1 glider	1962
19640059269	Spo 71 /arc 69/ - high speed dyna-soar test	1962
19640059271	Data report bswt 113 supersonic force, stability and control test on variations of a -0666 scale model of the 844-2050 ad-600i-i dyna-soar glider	1962
19640059280	Data report arnold center tunnel b, b.c. test no. 23, mach 8 heat transfer and pressure test on the effect of a simulated second stage booster flow using ad-537m-2, a .0167 scale model of the dyna soar glider and second stage booster	1962
19640059283	Data report, btwt 680 and 682, force and hinge moment test on dyna soar model ad-600i-1	1962
19640059284	Study of some aerodynamic characteristics of the dyna-soar forward fuselage	1962
19640059292	Data report, bswt 138, a supersonic pressure test on ad-594p-2, a .0666 scale model of the dyna-soar glider. spo no. 148	1962
19640059299	Evaluation of ultrasonic test devices for inspection of adhesive bonds final progress report, 1 apr. - 15 nov. 1962	1962
19640059323	X-20 /dyna-soar/ guidance backup equipment study	1962
19640059344	Data Report, BSWT 135, Pressure, Force, and Trajectory Tests on the Heatshield for Dyna-Soar Model AD-626M-1 Configuration Number DS-844-2050 /SPO 146	1962
19640059345	Data Report BTWT 685. A Transonic Test of the Dyna-Soar Glider, Model No. DS-1	1962
19640059379	Study and applied research on beam interaction structures for traveling-wave tubes final report, 1 mar. 1961 - 28 feb. 1962	1962
19640059382	Industry advises the chief. supplement to the proceedings of the 6th navy-industry conference on material reliability	1962
19640059383	Statistical plasma theory. part 1- collective motions in a plasma	1962
19640059436	Integrated environmental control system for a two man shuttle vehicle management study report	1962
19640059437	Oxide semiconductor materials and device research- research to investigate electrical and thermal properties of oxide semiconductor materials fourth quarterly progress report, 18 aug. - 17 nov. 1962	1962
19640059438	Nonlinear optical effects- an optical power limiter technical report no. 172-1	1962
19640059441	Antenna properties in the presence of ionized media scientific report no. 1	1962
19640059443	Sea dragon system design study, volume ii initial summary report	1962
19640059445	Supersonic transport acoustic instrumentation On the b-70 second quarterly technical report	1962
19640059449	Data report 11 ft uwt 79 rotary derivative test of the ds-1 model at ames research center. x-20 /dyna soar/	1962
19640059450	Trade Study Dyna Soar Controlled Environment Volume	1962
19640059456	Bswt-126. data report supersonic air data system development test of ad-594p-1 .0666 scale model of the 844-2050 dyna soar glider	1962
19640059515	Surveillance, appraisal, and dissemination of property data on inorganic fluids for space applications technical documentary report, mar. 1960 - nov. 1961	1962
19640059536	Guidance and Control Techniques and Sensors, Lunar Landing Studies	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059540	A study of differential thermal analysis, resistance and diffusivity data, for a group of phenolic materials	1962
19640059562	Structure of inner ear sensory epithelial cells in relation to their functions	1962
19640059592	Counterrolling of the human eyes produced by head tilt with respect to gravity	1962
19640059620	A compilation of theoretical performance values for advanced hybrid rocket propellant systems	1962
19640059627	Crew Station Development, Phase I	1962
19640059662	Thermionic reactor fuel element	1962
19640059720	Structural Integrity Development and Test Program - Technical Data Report - Structures Technology	1962
19640059746	Linear estimation of sampled stochastic processes with random parameters technical report no.-2108-1/	1962
19640059747	Theoretical bandwidth limitations in uhf parametric amplifiers and converters technical report no. 2253-1	1962
19640059751	Bandwidth and spectra of phase- and frequency- modulated waves technical report no. 2005-3	1962
19640059791	A base heating and visual study of the ad-563m-1 .016 scale dyna soar model and flat plate	1962
19640059794	Jpl 21-57 heat transfer test on a .0167 scale dyna soar glider with the transition and second stage booster data report	1962
19640059796	Aedc tunnel 'b'. boeing company test no. 022. mach 8 heat transfer, pressure, and oil flow study on ad-551m-1. a glider nose configuration data report	1962
19640059799	Pressure and heat transfer test at mach 22 on ad-590m-1 a .040 scale model of the dyna-soar glider 844-2050b configuration data report bhst 024	1962
19640059809	Applied research investigation of the super- sonic/hypersonic combustion ramjet engine third quarterly progress report, 1 jul. - 30 sep. 1962	1962
19640059810	Chemistry research quarterly progress report, april - june 1962	1962
19640059823	Development of refractory materials for rocket nozzles and vanes quarterly report, mar. - may 1962	1962
19640059847	Aedc tunnel c boeing company test-001. mach 10 heat transfer, pressure and thermo-sensi- tive paint on ad-551m-2-3 and ad-575m-1, a glider nose configuration data report	1962
19640059849	On statistical communication theory	1962
19640059857	BHWT 051 - A Pressure-Heat Transfer Test on AD-546M-2, a.05 Scale Model of the First 145 Inch of the Dyna-Soar Glider	1962
19640059866	Jpl 21-74 to Determine Performance, Longitudinal Stability and Lateral-directional Stability Characteristics of the AD-598I-1	1962
19640059868	Hypervelocity force tests to determine the stability and control characteristics at mach 16, 19, and 22, of the ad-5881-1, a.040 scale model of the dyna-soar 844-2050 "hot shape" configuration, data report bhst 027 and 027-1	1962
19640059873	Investigation of heat transfer and pressure distribution on a 0.10-scale model of a dyna- soar nose configuration at mach equal 6.10 data report bhwt test no. 045	1962
19640059875	A compilation of solid propellant theoretical performance calculations	1962
19640059888	Transient radiation effects technical summary report, apr. 15, 1961 - apr. 14, 1962	1962
19640059899	Minitrack satellite tracking station at woomera. part iii- project planning specification	1962
19640059900	Applied research program research summary, jul. - dec. 1962	1962
19640059902	Effects of external force excitation on panel flutter technical report, 21 apr. 1958 - 31 oct. 1962	1962
19640059903	Test instrumentation subsystem performance specification	1962
19640059921	Transient radiation effects on passive parts second quarterly progress report, 1 sep. - 30 nov. 1962	1962
19640059924	Shock-boundary layer interaction on flat swept wings	1962
19640059926	Note on axisymmetric stagnation points in a constant-property fluid	1962
19640059938	New and improved reinforcements for structural composites quarterly progress report, 15 mar. - 14 jun. 1962	1962
19640059950	Lunar Excursion Module Throttleable Descent Engine. Volume I- Technical	1962
19640059956	Dyna soar pitch axis. preliminary phugoid and thrust vector control analyses	1962
19640059960	Performance specification for remote control recovery subsystem, model no. dyna-soar	1962
19640059964	Painting of hand-cleaned steel progress report, third year	1962
19640059966	Glider/transition detail specification, model x-20a	1962
19640060010	NASA-DOD Large Launch Vehicle Planning Group, Volume III	1962
19640060037	Heat resistant explosives, xv	1962
19640060080	Commercial Supersonic Transport Program: Propulsion Component Program	1962
19640060087	Improved insulators for rocket motors quarterly progress report, aug. 1 - oct. 31, 1962	1962
19640060107	Liquid mercury lubricated high speed journal bearings	1962
19640060115	Lunar logistic system- spacecraft bus, model tank program	1962
19640060120	Evaluation of silver-cadmium batteries for satellite applications	1962
19640060123	Buweps corrective actions and comments rela- tive to deficiencies enumerated in navy bis final 'report of service acceptance trials on model gv-1 aircraft'	1962
19640060125	A conceptual design for a reusable one-stage orbital space truck /roost/	1962
19640060140	C-135b category ii performance tests, appendix iv	1962
19640060144	An evaluation of detail wind data as measured by the fps-16 radar/spherical balloon technique	1962
19640060150	Nuclear magnetic resonance of phosphorus in deoxythymidine polynucleotides	1962
19640060175	Viscoelastic properties of solid propellants and propellant binders quarterly technical summary report, apr. 1 - jun. 30, 1962	1962
19640060176	Low-speed aerodynamic characteristics of a tetrahedron glide shape	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640060178	Development of an ultra high vacuum gauge final report	1962
19640060193	Pre-test instructions to obtain hypersonic dynamic stability data in the chance-vought hypervelocity wind tunnel to support the skybolt aerodynamic evaluation	1962
19640060197	Clutter antenna design and optimization	1962
19640060200	Bond assembly phenolic nylon to neoprene rubber and neoprene rubber to aluminum	1962
19640060227	Lunar logistic vehicle preliminary study	1962
19640060290	Temperature, detector, shield - skybolt re-entry vehicle	1962
19640060293	Connection techniques for electronic packaging	1962
19640060294	Converter, ablation	1962
19640060295	Component specification for a miniature, hermetically sealed thermostat	1962
19640060306	Microwave tunnel diode mixer-amplifier second quarterly progress report, sep. 1 - nov. 30, 1962	1962
19640060311	Glider test sequence- ground launch, model x-20a	1962
19640060312	Filter crystals first quarterly progress report, 1 jul. - 30 sep. 1962	1962
19640060318	Test plan for determining fatigue properties of stage i minuteman solid propellant	1962
19640060334	Application of the eyring model to capacitor aging data	1962
19640060335	Model 8101 irradiation test report	1962
19640060336	Pressure measuring techniques feasibility evaluation	1962
19640060347	Ex5 mod 2 solid propellant rocket motor progress report, 26 may - 15 aug. 1962	1962
19640060363	Report on the development and manufacture of a numerically controlled three-dimensional contour milling machine	1962
19640060365	Preliminary data release for the supersonic wind tunnel tests of the saturn-apollo 5 percent model	1962
19640060389	Ex5 mod 1 and mod 2 solid propellant rocket motor progress report, 16 dec. 1961 25 may 1962	1962
19640060393	Mk 38 mod o solid propellant rocket motor qualification test final report, 15 aug. - 19 nov. 1962	1962
19640060418	Effect of various postcures on the mechanical properties of sprayed avcoat i	1962
19640060424	High temperature fasteners second quarterly progress report, 1 dec. 1961 - 31 mar. 1962	1962
19650003957	Design and construction of ammonia beam maser technical summary report	1962
19650004264	Stresses and deflections in cylinders due to concentrated loads	1962
19650005055	Development of a reinforced carbonaceous and ablative composite for entry heat protection of manned spacecraft quarterly progress report no. 1, jul. - sep. 1962	1962
19650005057	Pressure measurements in cryogenic systems	1962
19650005589	Coning damper control system analysis rebound project, model no. dsv-5	1962
19650005590	Preliminary design of an active coning damper for the rebound spacecraft	1962
19650005591	Development of the rebound canister opening flange	1962
19650005804	An electromechanical coning damper, rebound project, model dsv-5	1962
19650006677	The fluorometric assay of soil enzymes	1962
19650006829	<mechanisms of control of cerebral circulation< progress report	1962
19650006876	Measurement of Solar Flare Produced Cosmic Radiation	1962
19650007233	The Hamilton-Jacobi Formulation of the Restricted Three Body Problem in Terms of the Two Fixed Center Problem	1962
19650007234	An Exact Solution of the Rayleigh-Besant Equation	1962
19650007238	Analysis of Piece Wise Linear Systems by the Method of Integral Equations	1962
19650007462	Some critical materials problems of thermionic cathode systems for fission-heat conversion	1962
19650007466	The use of pathogen-free plants in a microcosm. the effects of high intensity light on plant growth	1962
19650007612	Prototype surveyor fluxgate magnetometer model ml 125-1 final engineering report	1962
19650007615	Mass spectrometer instrumentation for the analysis of the martian atmosphere final report	1962
19650007681	The Surface Tension of Hydrogen	1962
19650007908	Sterilization of Space Probes	1962
19650007920	Cylindrical magnetic thin film memory element final report, 15 aug. - 15 nov. 1962	1962
19650008348	Feasibility study toward development of radiation resistant solar cell interim engineering report, 1 jul. - 31 oct. 1962	1962
19650008495	Mariner a fluxgate magnetometer, model ml 100-1 final engineering report	1962
19650008497	A design study program of a polarographic oxygen analyzer for obtaining data on the atmospheric composition of mars final report, 16 may - 15 sep. 1962	1962
19650008498	Mariner r fluxgate magnetometer final engineering report	1962
19650012978	Circumplanetary exploration of atmospheres <exploration circumplanetaire des atmospheres<	1962
19650012979	On an ortho-interpolatively averaged variant of the restricted three body problem	1962
19650012980	On one-dimensional automodel waves moving in a plasma along a magnetic field <ob odnomernykh avtomodel'nykh volnakh rasprostranyayushchikhsya v plazme vdol magnitnogo polyak>	1962
19650012981	Peculiarities of ion formation in the f-region of the ionosphere and anomalies of the composite f-layer <osobennosti ionoobrazovaniya v oblasti f ionosfery i anomalii slozhnogo sloya f<	1962
19650012982	Interpolative-analytical theory of the motion of ceres	1962
19650012983	On the presence of 'minor' cosmic ray flare effect in magneto-disturbed days <o nalichii effekta 'malykh' kosmicheskikh luchey v magnitno-vozmushchennyye dni<	1962
19650012984	Steadiness in the flow of a well-conducting fluid across a magnetic field <ob ustoychivosti techeniya khorosho provodyashchey zhidkosti poperek magnitnogo polyak>	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650012985	Measurement of the sidereal-daily variation of cosmic ray intensity <ob izmerenii zvezdno-sutochnoy variatsii intensivnosti kosmicheskikh luchey<	1962
19650012986	Source of plasma for high vacuum	1962
19650012987	Twilight enhancement observation of the infrared helium line 10830 angstrom <nablyudeniye sumerochnoy vspyski infrakrasnoy linii geliya 10830 angstrom<	1962
19650012988	Possibility of existence of high electron concentrations in the night atmosphere of venus <o vozmozhnosti sushchestvovaniya v nochnoy atmosfere venery vysokikh elektronnykh kontsentratsiy<	1962
19650012989	Earth's radiation belts at 180 - 250 km heights <radiatsionnyye poyasa zemli na vysotakh 180 - 250 km<	1962
19650012990	Measurement of the absorption of cosmic radio- emission during the solar eclipse of feb. 15, 1961 <izmereniya pogloshcheniya kosmicheskogo radioizlucheniya vo vremya solnechnogo zatmeniya 15.ii.1961 g.<	1962
19650012991	Effect of the vertical inhomogeneity of the earth's magnetic field on the high frequency characteristics of the ionosphere <vliyaniye vertikal'noy neodnorodnosti zemnogo magnitnogo polya na vysotno-chastotnyye kharakteristiki ionosfery<	1962
19650012992	On the difference between magnetic storms with sudden and gradual commencement <k voprosy o razlichii magnitnykh bur' s vnezapnym i postepennym nachalom<	1962
19650012993	Corpuscular hypothesis for the ionization of the night ionosphere <korpuskulyaraya gipoteza ionizatsii nochnoy ionosfery<	1962
19650012994	Nitrogen dissociation in the upper atmosphere <k voprosu o dissotsiatsii azota v verkhney atmosfere<	1962
19650012995	Radar observation of venus	1962
19650012996	Identification of sun's emission lines in the shortwave region of the spectrum /lambda less than or equal to 1100 angstrom/ <otozhdestvleniye liniy izlucheniya solntsa v korotkovolnoy oblasti spektra /lambda less than or equal to 1100 angstrom/<	1962
19650012997	Geographical distribution at low latitudes of critical frequencies of the f2- layer <k voprosu o geograficheskom raspredelenii kriticheskikh chastot sloya f2 na nizhnikh shirotakh<	1962
19650012998	Effect of electric currents induced in the earth, on the size and form of midnight sudden commencements of magnetic storms <vliyaniye elektricheskikh tokov, indutsiruyemykh v zemle, na formu i velichinu vnezapnykh nachal magnitnykh bur'<	1962
19650012999	Anomalous absorption at high latitudes of the southern hemisphere <anomal'noye pogloshcheniye v vysokikh shirotakh yuzhnogo polushariya<	1962
19650013000	Magnetic measurements aboard an automatic interplanetary station toward venus <magnitnyye izmereniya avtomaticheskoy mezhplanetnoy stantsii k venere<	1962
19650013001	Solar tracking head <solnechnaya sledyashchaya golovka<	1962
19650013002	Electron density fluctuations in the ionization zones of aurorae <fluktuatsii elektronnoy plotnosti v zonakh ionizatsii polyarnykh siyaniy<	1962
19650013003	The prominent polar aurora of 11 february 1958 <vydayushcheyesya polyarnoye siyaniye 11.ii.1958 g.<	1962
19650013254	On the lines of force of a magnetic field <o silovykh liniyakh magnitnogo polya<	1962
19650013255	To the theory of electromagnetic wave propagation in a piecewise-uniform plane waveguide <k teorii rasprostraneniya elektromagnitnykh voln v kusochno-odnorodnom volnovode<	1962
19650013256	Ionosphere investigations over the atlantic ocean <ionosfernyye nablyudeniya v atlantichskom okeane<	1962
19650013257	On the annual course of frequency of magnetic storm occurrence <o godovom khode chstot poyavleniya magnitnykh byr'<	1962
19650013258	Some results of investigations in the soviet union of the upper atmosphere and cosmic space during the igy with the help of rockets and satellites <nekotoryye itogi issledovaniya verkhney atmosfery i kosmicheskogo prostranstva pri pomoshchi raket i<	1962
19650013259	Ionosphere investigation on the schooner "zarya" /1960-1961/ <issledovaniya ionosfery na shkhyne "zarya" /1960-1961/<	1962
19650013649	Hypothesis of solar corpuscular streams with force-free magnetic fields <gipoteza o korpuskulyarnykh solnechnykh potokakh s bessilovymi magnitnymi polyami<	1962
19650014023	Variations of cosmic ray intensity in passing cyclones <variatsii kosmicheskikh luchey pri prokhozhdenii tsiklonov<	1962
19650014300	Radio emission of venus at 4 millimeters <radioizlucheniye venery na volne 4 mm<	1962
19650014301	Emission of flares in the x-ray region of the spectrum <izlucheniye vspyshek v rentgenovoskoy oblasti spektra<	1962
19650014302	On the spatial structure of the solar corona <o prostranstvennom stroenii solnechnoy korony<	1962
19650014303	Structure of the earth's ionized gas shell according to data of direct measurements of local charged particle concentrations conducted in the ussr <stroeniye ionizovannoy gazovoy obolochki zemli po dannym pryamykh izmereniy lokal'nykh kontsentratsii<	1962
19650014304	Some results of the experiments carried out in the interplanetary space by means of charged particle traps on soviet cosmic rockets <nekotoryye rezul'taty opyov provedennykh v mezhplanetnom prostranstve s pomoshch'yu lovushek zryazhennykh na sovet<	1962
19650014305	Earth's radiation belts in the 180 - 250 km altitude range <radiatsionnyye poyasa zemli na vysotakh 180 - 250 km<	1962
19650014306	Measurement of the absorbed dose on the third spaceship-satellite <izmereniye pogloshchennoy dozy na tret'yem kosmicheskome korable- sputnike<	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650014318	Longitudinal Stability and Control Characteristics of a Winged and a Flared Hypersonic Missile Configuration with Various Nose Shapes and Flare Modifications at a Mach Number of 2.01	1962
19650014434	Spectrometer for measurement of solar emission in the extreme ultraviolet <spektrometr dlya izmereniya izlucheniya solntsa v dalekom ul'traviolete<	1962
19650014435	Measurement of the far ultraviolet helium emission on the sun <izmereniye dalekogo ul'traioletovogo izlucheniya geliya na solntse<	1962
19650014436	Cosmic ray equator according to the data of the third soviet spaceship-satellite <ekvator kosmicheskikh luchey po dannym tret'yego sovet'skogo korablya-sputnika<	1962
19650014437	Absolute concentrations of the earth atmosphere ionic components in the 100 - 200 km altitude range <absolyutnyye kontsentratsii ionnykh komponent atmosfery zemli na vysotakh ot 100 do 200 km<	1962
19650014504	On the interpolative anomalies for the first ten minor planets <ob interpolyatsionnykh anomal'yakh dlya pervykh desyati malykh planet<	1962
19650014505	Ions of extra-terrestrial origin in the earth's ionosphere <iony vnezemnogo proiskhozhdeniya v ionosfere zemli<	1962
19650014507	On the effect of electron density inhomogeneities on measurement of some parameters of the ionosphere <o vliyaniy neodnorodnostey elektronnoy kontsentratsii ionosfery na izmereniye nekotorykh yeye parametrov<	1962
19650014508	Effect of the magnetic field upon amplitude increase of acoustic waves in a medium with dropping density <o vliyaniy magnitnogo polya na uvelicheniye amplitudy akusticheskikh voln v srede s padayushchey plotnost'yu<	1962
19650015056	Gravitational separation, composition and structural parameters of the night atmosphere in the 100-210 km altitude range <gravita- tsionnoye razdeleniye, sostav i strukturnyye parametry nochnoy atmosfery na vysotakh ot 100 do 210 km<	1962
19650015057	Drift instability of a nonuniform plasma in a magnetic field <dreyfovaya neustoychivost' neodnorodnoy plazmy v magnitnom pole<	1962
19650015058	On polar orbits of the earths artificial satellites <o polyarnykh orbitakh iskusstvennykh sputnikov zemli<	1962
19650015059	Multiple formation of nucleon pairs and outbursts of supernovae <mnozhestvennoye obrazovaniye nuklonnykh par i vspyshki sverkhnovykh<	1962
19650015060	On a possible mechanism of particle ejection from the sun <ob odnom vozmozhnom mekhanizme vybrosov na solntse<	1962
19650015061	Possibility of measuring electron concentra- tions in the upper ionosphere and in interplanetary space by plasma wave radia- tion <o vozmozhnosti izmereniy elektronnoy kontsentratsii v verkhney ionosfere i mezhpplanetnom prostranstve po izlucheniyu pl	1962
19650015062	Interaction of radio waves in the ionosphere <k voprosu o vzaimodeystvii radiovoln v ionosfere<	1962
19650015063	Orbit of an equatorial satellite of the earth <orbita ekvatorialnogo sputnika zemli<	1962
19650015064	Effect of x-radiation originating in a flare on the d-region of the ionosphere <vozdeystviye rentgenovskogo izlucheniya vspyshki na oblast d ionosfery<	1962
19650015066	Determination of electron density in the ionosphere by analysis of polarization fadings of satellite or rocket signals <opredeleniye kontsentratsii elektronov v ionosfere na osnove analiza polarizatsionnykh zamiraniy signalov iskusstvennogo sputnika	1962
19650015068	Variation in the night atmosphere of the mean molecular weight of the air in the 100 to 210 km altitude range according to mass- spectrometric measurements <ob izmenenii srednego molekulyarnogo vesa vozdukh v nochnoy atmosfere na vysotakh ot 100 d	1962
19650015069	On the influence of the supercorona on radio emission from the sun <o vliyaniy sverkhkorony na primayemoye radioizlucheniye solntsa<	1962
19650015070	On hypersonic flows of a rarefied gas <o giperzvukovykh techeniyakh razrezhennogo gaza<	1962
19650015072	Analysis of the results of simultaneous measurements of electron concentration in the ionosphere with the help of ionospheric stations and rockets <analiz rezul'tatov odnovremennykh izmereniy elektronnoy kontsentratsii v ionosfere s pomoshch'yu iono	1962
19650015809	Development of new methods and applications of analog computation. i- an experimental electronic generalized integrator. ii- nonstationary noise for monte carlo studies quarterly program report, 12 sep. - 12 dec. 1961	1962
19650020871	Industrial techniques bulletin	1962
19650056805	Determination of oxygen in the martian atmosphere via kryptonates	1962
19650056880	Community Reactions to Sonic Booms	1962
19650056885	Report of architect and engineer services for studies of sonic boom induced damage	1962
19650057025	Advanced lunar transportation system studies, phase ii progress report	1962
19650057062	History of the george c. marshall space flight center from july 1 through december 31, 1962, volume one	1962
19650057082	Research on temperature attitude sensing for re-entry vehicles, phase ii final report	1962
19650057636	Atmospheric composition instrumentation- x-ray attenuation study	1962
19650057640	History of the george c. marshall space flight center from july 1 through december 31, 1962. volume 2- supporting documents	1962
19650057984	Lunar orbiter capsule study final report	1962
19650058374	Delta space research vehicle, general test plan	1962
19650058390	Direct flight study using saturn c-5 for apollo project. volume ii- technical report	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058452	Flight report for vehicle no. 318/2024/20001 delta program - mission no. 12, tiros f- spacecraft	1962
19650058514	Flight report for vehicle 316/2023/3023 delta program-mission no. 11 telstar /tsx-1/ spacecraft	1962
19650058539	Noise bibliography, volume i	1962
19650058740	Study of large launch vehicles utilizing solid propellants, volume iii final report	1962
19650058760	Comparative study of advanced lunar transportation systems first progress report, 22 may - 2 aug. 1962	1962
19650058904	On the propagation of vlf waves in solids second technical annual summary report	1962
19650058967	Internal Oxidation at Constant Velocity of Silver-Magnesium Alloys	1962
19650058982	Estimate of free energy of formation of kyanite	1962
19650058997	The iodine lamp- a light source for selective excitation of co	1962
19650059002	On the second-order properties of the output of certain first-and second-order nonlinear systems with random inputs	1962
19650059005	Temperature dependence of the solar absorptance and thermal emittance of copper, gold, nickel, and silver	1962
19650059009	Particle coarsening in a copper-silica alloy	1962
19650059439	Study of spacecraft bus for lunar logistics system. volume ii, part d- appendices to the technical plan	1962
19650059478	Optical guidance feasibility study first quarterly report, may 1 - aug. 1, 1962	1962
19650059675	Gemini Piggyback Target Study Final Report, 7 Nov. - 7 Dec. 1962	1962
19650059854	Saturn vehicle sa-2 firing test report. part iv- launch countdown	1962
19650059949	The dynamic elastic response of a thin-walled cylindrical tube to an axisymmetric internal transient pressure technical note no. 1	1962
19650060168	The statistical design of indirect lunar landing trajectories	1962
19650060475	Project mercury- mercury-atlas no. 7 recovery requirements	1962
19650060554	Ninth h-1 engine progress report- summary of development, february 1962 through april 1962	1962
19650060601	Communications satellites and underdeveloped countries	1962
19650060784	NASA-DoD Large Launch Vehicle Planning Group Summary Report	1962
19650061130	Heat transfer to viscous fluids in tubes	1962
19650061141	Second symposium on the plasma sheath plans office technical report no. 1	1962
19650061816	Concerning the relationship between the number of extragalactic objects and the apparent brightness <ueber den zusammenhang zwischen der anzahl der extragalaktischen objecte und der scheinbaren helligkeit<	1962
19650061910	Thermodynamic properties of ethylene	1962
19650061911	Pulse generation of intense magnetic fields. applications to phenomena of rotational polarization and magnetic birefringence	1962
19650062158	A phase diagram for ethylene up to a pressure of 10,000 atmospheres <ein zustandsdiagram fur athylene biz zu 10,000 druck<	1962
19650062180	C. w. x-band voltage tunable oscillator quarterly progress report, 1 oct. - 31 dec. 1964	1962
19650063065	Conceptual study- saturn operational flight control. volume i- ofc system description summary report	1962
19650063100	An electrometer amplifier for piezoelectric gages	1962
19650063473	Project mercury ground communications. observations during the ma-8 mission final report, sep. 22 - oct. 3, 1962	1962
19650063665	Supersonic drag of trailing decelerators- NASA - Langley tests of rigid types and radioplane parachute models	1962
19650064114	Feasibility study report and preliminary recommendations for the wind tunnel data system	1962
19650064188	Introduction to nonstationary stochastic processes for analog monte carlo studies technical note no. 1	1962
19650064334	Study of microcircuitry techniques utilizing molecular engineering interim engineering report, 25 feb. - 25 may 1962	1962
19650065100	Non-equilibrium flow through a nozzle	1962
19650065109	An analysis to determine the heat transfer parameters for a blunted wedge	1962
19650065240	Plans office technical report no. 4 on the effect of wrinkles on the reflections by a sphere	1962
19650065638	Effects of launch speed and range on the orbital payloads of rocket-launching airplanes using in flight propellant addition	1962
19650065849	Rift Program Weight and Balance Status Report	1962
19650065923	Acoustical problems associated with large solid propellant boosters	1962
19650066025	Rift s-n stage configuration and structure conceptual design	1962
19650066028	Rift s-n stage propulsion system conceptual design	1962
19650066057	Nova 2nd design study review, 29-30 october 1962	1962
19650066090	Flight dynamics. third design study review, 11-12 december 1962 nova technical note no. 4	1962
19650066125	Propulsion nova technical note no. 3, third design study review, 11-12 dec. 1962	1962
19650066218	Electronic checkout control equipment packaging concept for saturn s-ivb	1962
19650066290	A radar precis of amrac proceedings, volumes i-v monograph no. 11	1962
19650066360	Engineering study and design criteria of a flight acceleration facility, national aeronautics and space administration manned spacecraft center, houston, texas, volume 3	1962
19650066539	Measurements of the head losses in a manifold for a condenser cooling water system	1962
19650066542	The unsteady aerodynamic forces on a wing in an oscillating slipstream	1962
19650066666	Nuclear stage systems design analysis /outline/	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066671	A study of early manned interplanetary missions, june - december 1962	1962
19650066754	Soviet aerospace life support systems selected articles	1962
19650066755	Biology and the conquest of space	1962
19650066756	Man strides into space	1962
19650066757	Why were the first cosmonauts fighter pilots/ques/	1962
19650066758	The will to win	1962
19650066759	Space medicine makes new advances	1962
19650066760	Physiological research in the vostok - 2	1962
19650066761	Man in the cabin of a spaceship	1962
19650066762	Weightlessness and the vestibular apparatus	1962
19650066763	The psychology of spaceflight	1962
19650066764	Anti-radiation protection in space	1962
19650066765	Earth-cosmos- in flight of g. s. titov in vostok-2	1962
19650066766	A talk in the cosmos	1962
19650066935	Relay ii spacecraft antenna considerations	1962
19650066941	Research on failure of equipment when subject to vibration first annual report, 10 jul. 1961 - 10 oct. 1962	1962
19650066952	Fuel and oxidizer ducting system for the s1-c stage of the c-5 saturn vehicle monthly progress report, 1-31 oct. 1962	1962
19650067068	Vent and pressurization system for the c-1 saturn booster monthly progress report	1962
19650067178	Failure of Polymeric Continua	1962
19650067204	A linear accelerator for micrometeoroids - analysis	1962
19650067222	Automatic temperature calibration system final summary report	1962
19650067297	C-5 saturn fuel and oxidizer ducting program semimonthly progress report, 1-15 dec. 1962	1962
19650067300	A study of post-nova launch vehicles	1962
19650067322	Report engineering study and design criteria of a flight acceleration facility, national aeronautics and space administration, manned spacecraft center, houston, texas. volume 4- appendix	1962
19650067326	Engineering study and design criteria of a flight acceleration facility, volume i	1962
19650067327	Engineering study and design criteria of a flight acceleration facility, volume 2	1962
19650067348	The effect of re-entry induced plasmas on signal transmission introduction	1962
19650067535	Proprietary aerodynamics of axisymmetric bodies in newtonian flow-computer program and comparison with experimental data	1962
19650067536	Study of solid propellant systems for space propulsion final report	1962
19650067545	Sputtering mechanisms under ion propulsion conditions sixth quarterly progress report, 5 aug. - 5 nov. 1962	1962
19650067637	Analyze, study, and establish an optimum power relay design, 1 january - 30 june 1962	1962
19650067877	Use of chemiluminescent techniques for the determination of ozone and oxygen in the martian atmosphere	1962
19650068084	Spectrum of stationary homogeneous magneto- hydrodynamic turbulence	1962
19650068465	Vacuum ultraviolet spectra of atoms and light molecules status report, aug. 1 - oct. 31, 1964	1962
19650068712	Vibration and dissociation coupling behind strong shock waves	1962
19650068715	Preliminary results on effects of hypervelo- city impacts on space radiator tubes	1962
19650068718	Nasa product possibilities and patents	1962
19650068720	Cooldown and warmup of large powder-insulated dewars	1962
19650068721	Stark profile measurement of the lyman-alpha line of hydrogen	1962
19650069181	Report of the third cospar meeting, Washington, DC., April 30 -May 9, 1962	1962
19650069325	Unpublished materials research and development programs first semiannual summary report	1962
19650069442	Theoretical and Experimental Analysis of Several Typical Junctions in Space Vehicle Shell Structures	1962
19650069495	Cosmic ray data from meteorites progress report, 15 mar. 1961 - 15 sep. 1962	1962
19650069499	Design and construction of a lunar seismograph progress report no. 14, 1 oct. - 31 dec. 1962	1962
19650069555	Two-dimensional diffusion calculations on co-axial cavity reactors	1962
19650069975	Operational experiences of jet transports	1962
19650070480	Automatic terminal guidance logic for rendezvous vehicles	1962
19650070482	The orbiting geophysical observatories	1962
19650070873	Apollo launch vehicle design	1962
19650071133	Saturn systems automation preliminary study report for marshall space flight center, volume i solvation as a factor in the alkylation of ambident anions- i- the importance of the hydrogen bonding capacity of the solvent ii- the importance of the d	1962
19650071563	Saturn operational flight control scheme, conceptual study second oral review	1962
19650071648	An approximate method for computing error coefficient matrices for lunar trajectories	1962
19650071984	On the hydrodynamics of a coaxial flow gaseous reactor	1962
19650072055	Mariner r 1 and 2. tracking information memorandum no. 332-15	1962
19650072190	Experimental Methods in the Study of Combustion Instability in Liquid Propellant Rocket Motors	1962
19650072234	Semiconductors transistors - diodes acceptance tests	1962
19650072899	Comparative physiology of temperature regulation	1962
19650072934	Practical plasma spraying	1962
19650073259	Investigation of hailstorm damage to dsif antennas preliminary report, 26 sep. - 6 nov. 1961	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650073315	Design of an attitude control system for an earth-sun oriented satellite	1962
19650073330	Statistics of orbit determination - weighted least squares	1962
19650073928	Telemetry system operation and maintenance manual /maintenance drawings/	1962
19650074228	Onboard colloidal particle generator for electrostatic engines	1962
19650074243	Preliminary observations of r. f. power transfer to a hydrogen plasma at frequencies near the ion cyclotron frequency	1962
19650074249	Man, science, and the space program	1962
19650074266	Hydrogen convective cooling of rocket nozzles	1962
19650074301	The variation of ionospheric profiles with season and solar cycle	1962
19650074733	Dovap systems and data reduction methods	1962
19650074840	The Far Ultraviolet Photolysis of Nitric Oxide	1962
19650075465	Final report	1962
19650075466	Partially ionized gases- a review of trans- port and thermodynamic properties	1962
19650075840	Venus-mars capsule study mid-term report	1962
19650075951	A study of the control and dynamic stability of the saturn c-1 configuration. volume iii- technical data final report	1962
19650075957	Engineering estimates of flow lengths asso- ciated with the combustion of hydrogen-air mixtures during a launch trajectory	1962
19650076059	The iron, magnesium, calcium, and nickel distribution in the murray carbonaceous chondrite	1962
19650076118	Technical information summary concerning saturn vehicle sa-2	1962
19650076123	Design and dynamic testing of an ultra-high accuracy satellite stabilization and control system for the orbiting astronomical observatory	1962
19650076146	Telemetry system for saturn s-i stage development	1962
19650076216	Measurement of piston position in a deformable piston gun	1962
19650076217	Effect of range dimensions on wake studies	1962
19650076218	Proton polarization in the reactions ca40 /d,p/ca41 and b10/d,p/b11 at 21 mev	1962
19650076219	Deterioration of calcium-stabilized zirconia as the result of thermal cycling	1962
19650076220	Earth-space telecommunication of the future	1962
19650076221	Fundamental atom chemistry with applications to the chemistry of the upper atmosphere technical status report no. 3, 1 jul. - 31 dec. 1962	1962
19650076222	Jet flow and jet noise	1962
19650076228	Reactivity of titanium with oxygen	1962
19650076229	Tensor analysis and rigid body kinematics	1962
19650076230	Note on spectral resolution	1962
19650076231	Solar collector development	1962
19650076238	A new series of cobalt-base alloys for advanced space power systems	1962
19650076241	Cardiovascular responses to transversely applied accelerations	1962
19650076247	The generalization of alkali-metal vapors in a 150-kilowatt forced-circulation flash vaporization facility	1962
19650076249	The optimization of multistage rockets with respect to cost	1962
19650076250	Ionospheric research from space vehicles	1962
19650076251	Axially loaded column subjected to lateral pressure	1962
19650076254	Study of nasa and naca single-stage axial flow turbine performance as related to reynolds number and geometry	1962
19650076257	The orbiting observatories	1962
19650076262	Space suits	1962
19650076264	Ground operating equipment for the orbiting astronomical observatory	1962
19650076267	Effect of magnetic field on iron whisker growth	1962
19650076272	Experimental evidence for a low ion transition altitude in the upper nighttime ionosphere	1962
19650076279	Comparison of von zeipel and modified hansen methods of satellite theories	1962
19650076284	A synoptic analysis of tiros ii radiation data over new zealand at night	1962
19650076291	An evaluation of etchants and techniques used to produce dislocation etch pits on nacl	1962
19650076292	Effects of x-irradiation during hibernation on tissue catecholamine contents	1962
19650076295	The geomagnetic field variation with solar activity at tucson	1962
19650076305	The activity quotient as a function of time for some chemical reactions	1962
19650076312	Vanguard iii magnetic field observations	1962
19650076315	Barium in stony meteorites	1962
19650076317	Meteoritic time-of-fall patterns	1962
19650076319	A carbon arc solar simulator	1962
19650076321	Directional flux densities and mirror-point distributions of trapped particles from satellite 1958 epsilon measurements	1962
19650076324	Progress through teamwork	1962
19650076325	Status of solar energy collector technology	1962
19650076328	Physical characteristics and doses of space radiations	1962
19650076330	A pressure gauge with one-tenth microsecond rise time for shock reflection studies	1962
19650076336	Spacecraft control systems	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650076340	Magneto-fluid dynamic turbulence with a uniform imposed magnetic field	1962
19650076358	Data handling techniques in project mercury	1962
19650076359	Analysis of proton-alpha scattering	1962
19650076360	The electrical characteristics of the atmosphere and surface of venus from radar observations	1962
19650076370	Cosmology- a zero density model of the universe	1962
19650076371	An experimental investigation of container materials for the snap-8 secondary mercury loop preliminary report	1962
19650076381	Rotating galactic arms and leading-edge shock waves in h ii	1962
19650076384	An analysis of second-order slip flow and temperature-jump boundary conditions for rarefied gases	1962
19650076396	The fluorination of copper	1962
19650076397	Mass and level gaging for liquid hydrogen tanks	1962
19650076401	Minimum principle for a nonequilibrium stochastic system	1962
19650076405	A thiol-activated aminopeptidase of the pituitary	1962
19650076408	Inversion property of the fundamental matrix associated with trajectory perturbation problems	1962
19650076417	The spheroidal method in satellite astronomy	1962
19650076421	Light-gas guns	1962
19650076427	Parabolic entry simulator and catcher	1962
19650076440	A 50-caliber deformable-piston gun for launching hypersonic free-flight research models	1962
19650076454	The ames prototype hypersonic free-flight facility	1962
19650076457	A vibrating membrane electrometer with high conversion gain	1962
19650076463	Diffusion approximation for thermal radiation in gases with jump boundary condition	1962
19650076468	Mars nonstop round-trip trajectories	1962
19650076484	Determination of the hemispherical spectral emittance of carbon, graphite, zirconia, and ablation material chars from 0.37 to 0.72 micron and 3,000 deg f to 6,000 deg f	1962
19650076499	Thin film triode research, a letter submitted to the institute of radio engineers	1962
19650076515	Laminar forced convection in rectangular channels with unequal heat addition on adjacent sides	1962
19650076517	Heat conduction, during reentry, of a finite slab with a non-constant thermal conductivity	1962
19650076534	Cr2o3 as a foaming agent in cao-sio2 slags	1962
19650076537	Combustion-conductometric determination of less than 10 p.p.m. carbon in tungsten	1962
19650076588	Some effects of plan-form modification on the skin-friction drag	1962
19650076681	Field operations memorandum ranger iii	1962
19650076682	Space Flight Operations Plan. Ranger 4	1962
19650076683	Field instruction memorandum. mission p-35 /ra-4/	1962
19650076684	Field operations memorandum - ranger iv	1962
19650076685	Tracking Information Memorandum No.332-14: Ranger RA-4 Mission	1962
19650076690	The moon's first decimeter	1962
19650076692	Development of a lunar capsule subsystem twelfth bimonthly technical progress report, feb. 19 - apr. 18, 1962	1962
19650076694	Failure report for dsif and telecommunications operations for ranger 3	1962
19650076695	Space and weapon systems - development and qualification tests of the ra-3 and ra-4 spin motors /test plan b-2, acceptance c-4, test plan b-29, acceptance c-26/ technical report	1962
19650076696	A lunar seismometer capsule subsystem for ranger bimonthly technical progress report, jun. 19 - aug. 18, 1962	1962
19650076698	A lunar seismometer capsule subsystem for ranger fifteenth bimonthly technical progress report, 19 aug. - 18 oct. 1962	1962
19650077347	Radiation effects on silicon solar cells ninth monthly progress report, nov. 1 - 30, 1962	1962
19650077348	Radiation effects on silicon solar cells eighth monthly progress report, oct. 1 - 31, 1962	1962
19650077351	Radiation effects on silicon solar cells fifth monthly progress report, jun. 1 - 30, 1962	1962
19650077352	Radiation effects on silicon solar cells sixth monthly progress report, jul. 1 - 31, 1962	1962
19650077459	Radiation effects in silicon second monthly progress report, 1-31 jan. 1962	1962
19650077589	Studies in the simultaneous estimation of a trajectory from several tracking systems. no. 1- estimates of error spectra derived from estimates of the spectra of residuals studies in the simultaneous estimation of a trajectory from several tracking systems	1962
19650077592	Acquisition of advent satellite by tt and c stations acquisition of advent satellite by tt and c stations	1962
19650077594	Space booster flight control system acceptance test procedure	1962
19650077595	Gemini program activation plan for vertical test site, volume i	1962
19650077596	Airborne press operations plan and responsibilities	1962
19650077597	Ablestar stage launch capability from vanderberg air force base program progress report no. 5, nov. 1962	1962
19650077599	An astronaut recovery system	1962
19650077600	Emergency escape system program plan	1962
19650077603	Project moose amse technical memo no. 15	1962
19650077608	Investigation of the use of radioisotopes for extremely high altitude measurements final report, apr. - sep. 1962	1962
19650077611	Combined milestone iii and iv for the bird buffer utility support system	1962
19650077621	Lunar logistics system payload performance study	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650077623	Space detection and tracking system /spadats/ semi-automatic center programming document /revised/	1962
19650077626	Computer program subsystem integration in support of the satellite control system. program progress security report, 1-31 jan. 1962	1962
19650077632	Microwave solid-state devices interim report, 1 jan. - 31 mar. 1962	1962
19650077635	Engineering services on transistors third quarterly progress report, 1 jan. - 31 mar. 1962	1962
19650077636	Engineering services on transistors interim and final report, 1 apr. - 31 jul. 1962	1962
19650077637	Engineering services on transistors first quarterly progress report, 1 aug. - 31 dec. 1962	1962
19650077638	Microwave solid-state devices final report, 9 may 1960 - 9 jun. 1962	1962
19650077639	Microwave diode research first quarterly progress report, 10 jun. - 9 sep. 1962	1962
19650077642	An ibm 7090 program for calculating the theoretical performance of a supersonic- combustion ramjet engine	1962
19650077644	Ex5 mod 3 /shrike/ rocket motor- phase i - design report	1962
19650077647	Molecular forming techniques final report, 5 feb. - 15 sep. 1962	1962
19650077648	Gemini launch vehicle. ground instrumentation equipment. vertical test site and atlantic missile range	1962
19650077652	Photodegradation of high polymers. part iii- photolysis of poly /methyl methacrylate/ in vacuum and in air final report, jul. 1961 - jan. 1962	1962
19650077654	Development of nondestructive testing techniques for large solid-propellant rocket motors second monthly progress report, 1 apr. - 30 apr. 1962	1962
19650077656	Electrically suspended gyro research	1962
19650077684	Dyna-soar development test plan - functional	1962
19650077685	Engineering services on transistors second quarterly progress report, 1 oct. - 31 dec. 1961	1962
19650077699	Solid propellant duplex /unique/ grain	1962
19650077703	Vela hotel program third monthly progress report, 1 - 28 feb. 1962	1962
19650077709	Support and services agreement for the dyna- soar air launch program	1962
19650077710	Dyna-soar primary guidance subsystem quarterly progress report, 1 apr. - 30 jun. 1962	1962
19650077712	Dyna-soar primary guidance subsystem quarterly progress report, 1 jan. - 31 mar. 1962	1962
19650077731	Compatibility of zuni rocket with f-100 and f-105 aircraft	1962
19650077735	Solid propellant rocket motor, ex 5 mod 3 quarterly progress report, 27 mar. - 31 dec. 1962	1962
19650077740	Re-Evaluated Heat Transfer Data from B1 Configuration of the AEDC-B-BAC 013 Test of a Dyna Soar Nose, Model AD-463M-1 Data Report	1962
19650077750	Some experiments on the base flow region behind slender bodies at hypersonic mach numbers	1962
19650077754	Coherent sub-millimeter generator feasibility study technical documentary report, 11 jan. - 20 nov. 1961	1962
19650077755	Results of advent tt and c system acceptance tests-fds. technical operating report	1962
19650077756	Protective finish requirements for model ws-133a	1962
19650077758	Facilities quarterly progress report, 1 oct. - 31 dec. 1962	1962
19650077763	Sonic fatigue damping material development quarterly report no. 1, 21 jun. - 21 sep. 1962	1962
19650077764	Boundary layer control-drag reduction by use of compliant coatings	1962
19650077765	Design specifications for data scanning and formatting - computer program for advent orbital test vehicle, flight 1501, milestone iv	1962
19650077770	White sands missile range and the air force missile development center	1962
19650077773	A program for computing influence coefficients of a space trajectory	1962
19650077787	X-20 /dyna-soar/ presentation to the afsab aerospace vehicle panel on october 19, 1962	1962
19650077788	Dyna-soar program, safety plan	1962
19650077871	Feasibility study of catalytic methods for air purification fourth bimonthly progress report, 2 apr. - 31 may 1962	1962
19650077877	Design and development of a high-energy upper-stage propulsion system, bell model 8181. volume ii- injector development and tank material investigations technical documentary report, 19 feb. - 29 jun. 1962	1962
19650077879	Dyna-Soar (X-20) Communications and Tracking Subsystem Quarterly Progress	1962
19650077880	Dyna-soar communications and tracking sub- system quarterly progress report no. 2, 1 apr. - 30 jun. 1962	1962
19650077881	Program 624a standardized space launch system. phase i- technical studies. volume iii- solid motors	1962
19650077885	X-20 (Dyna-Soar) Communications and Tracking Subsystem	1962
19650077886	Shock-tube measurements of step-blast loads on a 35 deg sweptback wing final report	1962
19650077887	Demonstration planning and progress report for model t3j-1 airplane, naa model no. 277	1962
19650077899	Optimum design of integrable bandpass amplifiers	1962
19650077901	The high altitude station	1962
19650077902	Weapon system development incentives	1962
19650077903	X-20 /dyna soar/ reliability program plan- communications and tracking subsystem	1962
19650077909	Air force flight test center - edwards air force base, california. test range develop- ment	1962
19650077920	Snap-8 rotating machinery task force review. volume 11- tables and figures	1962
19650077926	Research on high photosensitivity final report, 2 oct. 1961 - 31 oct. 1962	1962
19650077928	Weapon system ws 107a-2, propulsion subsystem- propulsion handbook, titan ii	1962
19650077937	Seeing through the atmosphere - proceedings of a symposium	1962
19650077945	Mercury test summary for major critical components, airborne equipment	1962
19650077955	Elevated temperature tensile properties of inconel 625 nickel chromium alloy final report	1962
19650077960	Design and implementation of physiologic monitoring systems final report f/191, may 23 - aug. 22, 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650077963	A Laser Satellite Tracking Experiment	1962
19650077969	Six-degree-of-freedom flight-path study generalized computer program, part i. supplement 2- methodology and selected solutions of high relative velocity intercept dynamics. volume four- two-dimensional model	1962
19650078015	CCN 50 Phase O Study for X-20	1962
19650078025	Dyna-Soar Step II Program Plan /Appendix/	1962
19650078056	Six-degree-of-freedom flight-path study generalized computer program. part i, supplement 2- methodology and selected solutions of high relative velocity intercept dynamics. volume 2- user's manual technical report, apr. 1961 - 30 apr. 1962	1962
19650078061	Sounding rocket systems integration and test plan	1962
19650078075	Research and development on high altitude, high speed crew escape systems testing concepts. volume i- subsystem and simulation investigations final report	1962
19650078076	Research and development on high altitude, high speed crew escape systems testing concepts. volume ii- test vehicle investigation final report	1962
19650078079	Microwave hybrid coupler study program third quarterly progress report, 1 nov. 1961 - 31 jan. 1962	1962
19650078081	Agema 1125/thor 333- discoverer countdown manual	1962
19650078090	Measurements of water vapor absorption at 1.06 microns using an optical maser	1962
19650078100	Mosaic radar study program final technical report	1962
19650078104	Fuel Bias Optimization for the Gemini Launch Vehicle	1962
19650078116	Gemini Launch Vehicle Guidance and Flight Control System	1962
19650078117	Saturn S-ivb System, Volume i Preliminary Design Report	1962
19650078120	X-20 (Dyna-Soar) Glider Secondary Power Bay Class 1 Mock-Up	1962
19650078176	Quality program plan for project gemini	1962
19650078179	Characteristics of ion propulsion. electrical propulsion handbook, volume iii	1962
19650078182	Study of properties of medium-weight nuclei final report, nov. 1, 1958 - oct. 31, 1962	1962
19650078187	1604-pice simulation program descriptions /milestone xi/. telemetry data generation control /tmctrl/.	1962
19650078206	Communication satellite attitude control	1962
19650078220	Report of test project no. avn 4860.1/61- phase iii of man machine environment compatibility studies and test in support of surveillance aircraft development	1962
19650078238	Research and investigation on radiation resistant high temperature thermionic circuitry technical documentary report, apr. 1, 1961 - oct. 31, 1962	1962
19650078247	Comments on photographic studies of exhaust plumes in relation to tu-121 and tu-122 motor performance	1962
19650078251	A theoretical analysis of non-equilibrium hydrogen-air reactions in flow systems	1962
19650078255	Fourth tri-annual progress report on asset	1962
19650078289	Determination of electron affinities. part 7- sulphur hexafluoride and disulphur decafluoride special technical report no. 3	1962
19650078314	Weapon system 107a-2- detailed flight test plan dart decoy test vehicles, addendum i	1962
19650078330	Research on elastomeric and compliant materials for aerospace sealants	1962
19650078333	Investigation of ruby-optical-maser characteristics using microwave phototubes technical report no. 177-3	1962
19650078339	The effect of diurnal freeze-thawing on survival and growth of selected bacteria	1962
19650078352	A program of research for the determination of rare-earth elemental abundances in meteorites quarterly progress report for the period ending jun. 15, 1962	1962
19650078353	Reduction and analysis of explorer vi and pioneer v data second quarterly progress report	1962
19650078354	210-ft. radio telescope, parkes progress report, period ending 31 dec. 1962	1962
19650078355	Development of self-sealants and sealants for aerospace vehicles second quarterly report, 15 aug. - 15 nov. 1962	1962
19650078358	Reliability analysis. part ii- age systems	1962
19650078389	Dyna-Soar Quarterly Summary Progress Report, Jan. - Mar. 1962	1962
19650078397	Preliminary investigation of chemical antimateriel agents for hydrocarbon fuels and rubber	1962
19650078424	Molecular changes in polyamide and elastomeric polymers due to nuclear, ultraviolet and thermal radiation progress report, 16 dec. 1961 - 15 jun. 1962	1962
19650078432	The theoretical heights and durations of echoes from large meteors	1962
19650078436	Dyna-Soar Flight Termination System Performance Specification	1962
19650078442	Electronic interaction theory for transverse- wave couplers	1962
19650078450	Apollo In-Flight Test System Study Report	1962
19650078454	Scope and status of theoretical and experimental reentry physics research	1962
19650078463	Ws-133a minuteman guidance and control system flight test evaluation report. xsm-80 flight test missile 405 tested at the atlantic missile range on 17 november 1961	1962
19650078464	Dyna-soar x-20 quarterly summary progress report, apr. - jun. 1962	1962
19650078468	Manned aerodynamic reusable spaceship- vehicle design	1962
19650078473	Preliminary analysis of general purpose hypersonic vehicles, phase ii final report, 1 jul. - fy 1961	1962
19650078475	Very-low frequency antenna techniques technical report no. 1	1962
19650078483	Development and testing of the airborne infrared early warning system /airew/	1962
19650078487	Payload capsule impact dispersion study	1962
19650078504	A study of superconductive neuristors technical report no. 1658-1	1962
19650078505	A study of matching conditions in a two-loop frequency multiplier using a capacitance diode	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078508	The synthesis of anti-radiation drugs, part iii final report, oct. 1, 1961 - dec. 1, 1962	1962
19650078509	Eddy current nondestructive testing device with graphical nulling feature	1962
19650078519	Study of linear feedback systems with periodic parameters through an extension of the floquet theory technical report no. 2251-1	1962
19650078523	A magnetic variable-gain component for adaptive networks technical report no. 1851-2, jul. 1961 - jun. 1962	1962
19650078524	Quarterly research review no. 3, 1 october - 31 december 1962	1962
19650078525	A nonreciprocal n-port brune synthesis technical report no. 2254-5	1962
19650078533	Space systems facilities master plan inplant facilities /lmsc and subcontractors/	1962
19650078560	Flame heated thermionic converter research fourth quarterly report, 1 apr. - 30 jun. 1962	1962
19650078566	Nike zeus- monthly summarization of significant events and progress in the antimissile guided missile defense system	1962
19650078571	Study of multi-orbit capability, model no. x-20 /dyna-soar/	1962
19650078573	Report on evaluation of the bell aerosystems company model iii-b linear accelerometer	1962
19650078581	Lunar landing module alighting gear	1962
19650078582	Results of advent tt&c system acceptance tests, camp roberts station /crs/ technical operating report	1962
19650078586	823 program monthly progress report, 1 - 31 jul. 1962	1962
19650078587	823 program monthly progress report, 1 - 30 sep. 1962	1962
19650078590	Communication satellite, project advent quarterly progress report no. 1, 1 jun. - 31 aug. 1962	1962
19650078593	Test plan for explosives classification of wing ii propellants	1962
19650078594	Revised program plan for the plasma research project of the advanced re-entry systems program technical operating report, 15 apr. - 30 jun. 1962	1962
19650078599	Experimental and theoretical studies of jet noise phenomena technical documentary report, mar. 1961 - feb. 1962	1962
19650078600	Basic study into the mechanism of the mgo- type cold cathode emission final report, 15 jun. 1960 - 14 jun. 1962	1962
19650078601	The correlation between the volatility and heat resistance of organic coatings at elevated temperature	1962
19650078609	Some moments for circle coverings	1962
19650078610	Physical strength properties of glass cloth laminates after prolonged exposure at elevated temperature	1962
19650078613	Transition in the viscous wakes of cones and spheres at hypersonic speeds	1962
19650078626	Design data manual on tungsten summary report, 1 jun. 1960 - 29 dec. 1961	1962
19650078631	Ablestar experimental sloshing studies special report	1962
19650078637	Application of a snap reactor power plant to a manned orbiting space station	1962
19650078643	Bambi phase ii technical investigations. volume iv- interceptor sensing and attack /task 4/ first quarterly report	1962
19650078650	Gemini Launch Vehicle Engine Program Progress Report No. 3, 31 May - 30 Jun. 1962	1962
19650078651	Advanced re-entry vehicle program /task vii/ progress report no. 6 /final/, 1 jul. - 31 dec. 1961	1962
19650078653	Long-range acoustic propagation study data report	1962
19650078654	Long-range acoustic propagation study data report	1962
19650078656	Bambi phase ii technical investigations. volume v- systems analysis and integration /task 5/ first quarterly report, 11 sep. - 31 dec. 1961	1962
19650078662	Gemini launch vehicle engine system program program progress report no. 5, 1 - 31 aug. 1962	1962
19650078672	Weapon system 107a-2 detailed flight test plan- dart decox test vehicles, dart decoy with wake augmentation	1962
19650078673	Lunar Logistic Vehicle Interim Study Report	1962
19650078682	High resolution hemispherical coverage antenna techniques 'hicat' interim technical note, fourth quarter, oct. 1 - dec. 31, 1961	1962
19650078683	Air weapons control system 412I- tac-casf effectiveness study employing an ibm-7090 digital computer	1962
19650078684	A method for spatial correlation of radar and optical trajectory data	1962
19650078689	Gemini launch vehicle engine system program first quarterly program progress report, 15 feb. - 30 jun. 1962	1962
19650078702	Re-entry radiation measurements- amr tests 404, 1361, 813 final report	1962
19650078715	Evidence of surface waves and spreading of turbulence on ablating ballistic range models	1962
19650078751	Theoretical external effects error analysis for the downrange precision missile trajectory measurement system, mistram	1962
19650078760	Down range anti-missile measurements program /damp/- analysis of the far-field wake behind an oscillating re-entry vehicle	1962
19650078762	Oscillation envelope for a spinning re-entry vehicle	1962
19650078767	Design reliability manual - structures	1962
19650078769	An alwac iii-e program for computing re-entry trajectories having six degrees of freedom	1962
19650078779	[No Title]	1962
19650078797	Dyna Soar First Quarterly Report, 1 September - 31 December 1961	1962
19650078799	Rocket-engine systems for evasive satellites and satellite interceptors. volume i, summary final report, 16 jun. - 15 dec. 1961	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078800	Rocket-engine systems for evasive satellites and satellite interceptors. volume iv- recommendations final report, 16 jun. - 15 dec. 1961	1962
19650078802	A hypersonic investigation to obtain static stability and pressure distributions for target vehicles 13, 22 and 32 in the hot shot ii facility of the arnold center, tullahoma, tenn. in support of the nike-zeus target vehicle program	1962
19650078803	Rocket-engine systems for evasive satellites and satellite interceptors. volume iii- propulsion-system design final report, 16 jun. - 15 dec. 1961	1962
19650078804	Advanced star tracking techniques final report	1962
19650078819	A study of thermal radiation from a unit element technical documentary report no. 1	1962
19650078828	Preliminary skin pane flutter tests, ad-375d2, -3, spo no. 57 and 58, dynasoar x-20a data	1962
19650078830	Nrl quarterly on nuclear science and technology progress report, jul. - sep. 1962	1962
19650078835	Long-range acoustic propagation study data report	1962
19650078837	Bambi phase ii technical investigations. volume ii- infrared surveillance sensors /task 2/ first quarterly report, 11 sep. - 31 dec. 1961	1962
19650078838	Dual purpose cryogenic tanks final report, 18 apr. 1961 - 15 feb. 1962	1962
19650078840	Down-range anti-missile measurement program /damp/- angle of attack flow fields damp technical monograph no. 62-02	1962
19650078842	Guidance and control equipment for minuteman quarterly technical progress report, 30 sep. - 31 dec. 1961	1962
19650078845	Passive radiation experiment platform /prep/ semiannual technical report, 1 jul. - 31 dec. 1961	1962
19650078846	Six-degree-of-freedom flight-path study, generalized computer program. part iii- check problem report final report, nov. 1959 - 31 oct. 1960	1962
19650078847	Technical note on phase ii superresolution studies	1962
19650078848	Bamirac summer study 1961	1962
19650078849	Weighing re-entry bodies by downrange measure- ments	1962
19650078850	Long-range acoustic propagation study	1962
19650078853	Shillelagh guided missile subsystem interim technical report, oct. - dec. 1961	1962
19650078854	Down-range anti-missile measurement program /damp/ detailed re-entry data report amr test no. 2534	1962
19650078856	High-expansion area ratio nozzle investiga- tions quarterly progress report, 1 jul. - 30 sep. 1962	1962
19650078873	Optical observables during tvx re-entry- a preliminary assessment	1962
19650078874	Application of recognition theory to missile identification and decoy discrimination, volume i semiannual report	1962
19650078875	Ws-133a minuteman guidance and control system flight test evaluation report. xsm-80 flight test missile 406 tested at the atlantic missile range on 18 december 1961	1962
19650078878	Mathematical development of ua guidance concept technical documentary report, sep. 1960 - feb. 1962	1962
19650078879	Actual weight and balance report, model gam-72a, serial no. af61-525 thru af61-539	1962
19650078880	Actual weight and balance report, model gam-72a, serial no. af61-505 thru af61-524	1962
19650078882	Ballistic missile radiation analysis center semiannual report, 1 jul. - 31 dec. 1961	1962
19650078888	Program plan for multiple satellite augmentation program. volume ii- site facilities and communications requirements	1962
19650078900	Cross-section analog computer manual	1962
19650078901	An algorithm for threshold element analysis	1962
19650078935	[No Title]	1962
19650078936	Studies on the protective ultraviolet absorbers in a space environment iii	1962
19650078943	Downrange precision missile trajectory measurement system. mistram ii- theoretical internal equipment error analysis	1962
19650078951	Adapter synthesizer final report, 25 jun. 1963 - 17 nov. 1964	1962
19650078958	Evaluation of Ranger Modified Spacecraft Separation System	1962
19650078967	Gyroscope evaluation test plan. stings stellar inertial navigation system	1962
19650078973	Project dinah final engineering report	1962
19650079003	Electrochemistry of fuel cell electrodes first semiannual technical summary report	1962
19650079005	Fuel cell electrode materials first quarterly report, 1 mar. - 31 may 1962	1962
19650079006	Fuel cell electrode materials fourth quarter- ly report /final/, 1 dec. 1962 - 28 feb. 1963	1962
19650079007	Ion exchange fuel cell semiannual technical report, oct. 1 - dec. 31, 1962	1962
19650079015	Rate limiting steps on fuel cell electrodes	1962
19650079019	Epitaxial growth of quartz crystals quarterly progress report, 22 jun. - 30 sep. 1962	1962
19650079020	Fuel cell cathode structures and reactions final report	1962
19650079023	Biochemical fuel cell second quarterly progress report, 1 oct. - 31 dec. 1962	1962
19650079024	Fuel cell electrode materials third quarterly report, 1 sep. - 30 nov. 1962	1962
19650079026	Landing Aids for the Lunar Excursion Module	1962
19650079032	Fuel cell materials final report, 1 dec. 1961 - 28 feb. 1962	1962
19650079033	Investigative study relating to fuel cells progress report, may 1 - aug. 31, 1962	1962
19650079060	Sea level and altitude evaluation of g.e. t64 turboprop engine st 126 regenerator final report	1962
19650079062	Research on materials, processes, and devices related to energy conversion semiannual technical summary report	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079067	Spacecraft orientation control systems	1962
19650079068	Saturn s-ivb system data submittal document	1962
19650079073	Direct energy conversion systems semiannual technical summary report, 1 apr. - 1 oct. 1962	1962
19650079080	Investigation of organic fuels for electrochemical use final report, 15 jan. - 17 oct. 1962	1962
19650079081	The cats system for handling thermocouple circuits	1962
19650079086	Compression scanning array techniques /cosar/ quarterly progress report no. 1, 13 sep. - 13 dec. 1961	1962
19650079087	Radar measurement data report, amr test 4502- down-range anti-missile measurement program /damp/	1962
19650079091	Infrared countermeasures research. volume i- introduction of additives into the mixing region to suppress afterburning final summary	1962
19650079092	Down-range anti-missile measurement program /damp/. detailed reentry data report, amr test 3212	1962
19650079093	Crater formation in missile surface materials	1962
19650079096	Supersonic lift and drag characteristics of a variable-sweep stol airplane configuration designated the wadd-63	1962
19650079097	Radar backscatter patterns of models of some current icbm reentry vehicles	1962
19650079106	Dimensional analysis of night-time missile trails scientific report no. 5	1962
19650079108	Airborne measurements of infrared targets	1962
19650079109	An investigation of high altitude missile bloom final report	1962
19650079113	Arpa re-entry vehicle instrumentation program	1962
19650079130	Static stability tests of three ge nuke-zeus target vehicles at mach number 10	1962
19650079137	Weapon system 107a-2. penetration aids /task ix/ program plan, 1 jan. - 30 jun. 1962	1962
19650079144	Static stability and pressure distribution measurements on g. e. nuke-zeus target vehicle configurations at mach 19	1962
19650079146	Bambi phase ii technical investigations. volume i- satellite deployment and stabilization /task 1/ first quarterly report, sep. 11 - dec. 31 1961	1962
19650079157	Report of service acceptance trials on model a-6a aircraft, volume ii	1962
19650079159	Actual weight and balance report, model gam-72a, serial no. af61-540 thru af61-559	1962
19650079163	Radar measurements of wake lengths and radar cross sections memorandum report no. 2	1962
19650079165	Present status of experiment and theory of sustainer rocket emission	1962
19650079166	Firing test evaluation of pershing missiles 315 and 316	1962
19650079169	Extension of the decoy sorting radar techniques program. partii- variable resolution radar	1962
19650079172	Terminal radiation program, ascension island c-54 operation- preliminary report on re-entry radiation measurements of amr test 5462	1962
19650079173	A comparison of ir-optical re-entry radiation between a mark 4 and a tvx nose cone	1962
19650079175	Firing test evaluation of pershing missile 318	1962
19650079176	Research and development on long-range detection techniques for interception vehicles interim engineering report no. 3, nov. 1, 1961 - jan. 31, 1962	1962
19650079183	Pressure effects on droplet formation	1962
19650079191	Program 624a standardized space launch system. phase i- technical studies. volume ii- vehicle design	1962
19650079192	Transit bimonthly technical progress report, 1 sep. - 31 oct. 1962	1962
19650079193	Prediction of aerodynamic coefficients	1962
19650079200	Aerospace propulsion program, 1 january 1961 to 28 february, 1962. volume 1- propulsion system analyses annual report	1962
19650079207	Electrostatic gyro development program, phase iii final report, jun. 15, 1960 - dec. 31, 1961	1962
19650079215	Long-range acoustic propagation study data report	1962
19650079216	Long-range acoustic propagation study data report	1962
19650079217	The ionized wakes of hypersonic vehicles and their radar characteristics	1962
19650079218	Ws-133a minuteman guidance and control system flight test evaluation report. xsm-80 flight test missile 408 tested at the atlantic missile range on 25 january 1962	1962
19650079220	Bambi phase ii technical investigations. volume iii- data processor /task 3/ first quarterly technical summary report. sep. 11 - dec. 31, 1961	1962
19650079222	Aerospace plane status review, january 1962	1962
19650079227	Dielectric thin films with increased breakdown strength technical report, 1 dec. 1961 - 30 may 1962	1962
19650079232	An investigation of the effects of increased chamber pressure operation on the inherent stability of a rocket engine	1962
19650079235	Manned orbital space station studies. system conceptual designs	1962
19650079239	Comparison of motor firing data with predicted temperature effects on ballistic parameters, august - october 1962	1962
19650079240	An analysis of the stress conditions that could develop in a solid fuel rocket motor progress report, may - aug. 1962	1962
19650079244	Analysis of the mission reliability for a system of interacting elements	1962
19650079246	Launch area preparation and checkout, logical function report on ostf - 1 human factors - personnel subsystem test objectives /atlas ma-3 engine system/	1962
19650079247	Missile verification firing missile b-3	1962
19650079250	Development of a combustor for the airesearch gtc85-28 gas turbine compressors to operate on jp-5 fuel	1962
19650079251	Titan ii. performance telemeter flight profile test	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079252	In-hangar simu calibration, mmrbm guidance and control associate	1962
19650079271	Dyna-soar communications and tracking subsystem. facility requirements afftc, edwards air force base	1962
19650079276	Dyna-soar communications and tracking subsystem. development test plan	1962
19650079285	X-20 /dyna-soar/ communications and tracking subsystem. functional integration test plan /preliminary/	1962
19650079292	An analysis of the stress conditions that could develop in a solid fuel rocket motor progress report, 1 sep. - 30 nov. 1962	1962
19650079300	Dyna-soar /step i/ communications and tracking subsystem reliability analysis report, sep. 1961	1962
19650079301	Deflection of a round fluid stream on a flat plate at right angles to the direction of the flow	1962
19650079313	Research and development for three-dimensional welded circuit packaging design requirements quarterly progress report, 15 jun. - 15 sep. 1962	1962
19650079316	Computer program for the digital adaptive autopilot /preliminary/. technical coordina- tion data	1962
19650079322	Program 624a- environmental requirements specification	1962
19650079325	Electron beam welding of refractory metals	1962
19650079329	Instrumentation to study the dynamic behavior of cylindrical shell including thermal effects	1962
19650079339	Sub-system development test and evaluation program- tf-11, complex 'd', vanderberg afb final report	1962
19650079348	Design and development of a small image orthicon final report, 24 jun. 1960 - 24 feb. 1962	1962
19650079351	The behavior of fission product rare gases in the change of solid phase- oxidation and reduction of uranium oxides	1962
19650079355	Radiation resistant electronics progress report, 1 jan. - 30 jun. 1962	1962
19650079363	Horizon scanner system for ogo. volume ii- drawings design report no. 3	1962
19650079367	Absorption of electromagnetic energy by nose cones quarterly technical note, 1 nov. 1961 - 31 jan. 1962	1962
19650079380	Evaluation of re-entry heat-transfer data obtained in flight testing the air force mark 2 re-enry vehicle, part i	1962
19650079394	Operation nougat - shot marshmallow- low flux effects on materials preliminary report	1962
19650079399	Report of august ida panel on spectroscopic re-entry measurements	1962
19650079402	Report of 27-28 august ida panel on array radar performance	1962
19650079407	Analysis of optical observables	1962
19650079423	Feasibility study of hypersonic parachute free flight test capability, phase i final report, 1 jul. - 15 oct. 1961	1962
19650079426	Study of a drag brake satellite recovery system, volume iii	1962
19650079427	Ultra-fine high temperature, high strength metallic fibers final report	1962
19650079429	Study of a drag brake satellite recovery system, volume iv	1962
19650079445	Manned orbital space station studies - mission analysis and economic evaluation	1962
19650079446	Inhibition of mitochondrial atp-ase and atp-pi exchange activity with tofranil	1962
19650079466	Revised Estimate of Instrumentation Accuracy for Performance Calculations	1962
19650079477	Atlas and titan i debris hazard study	1962
19650079490	Investigations of the regulation of ocular movements	1962
19650079492	Acoustical evaluation of the industrial acoustics company, inc. type i durastack aircraft noise suppressor final report	1962
19650079493	Make or buy structure saturn s-ivb system	1962
19650079503	X-20 /dyna-soar/ primary guidance subsystem	1962
19650079504	Research on parametron storage and control units for a switching office final report, 1 oct. 1960 - 10 apr. 1962	1962
19650079508	Solid state duplexing techniques final report, 1 may 1959 - 28 feb. 1962	1962
19650079509	X-20 dyna-soar primary guidance subsystem environmental test plan	1962
19650079512	Electromagnetic compatibility test plan, x-20 /dyna-soar/ communications and tracking subsystem	1962
19650079518	Speech-pattern recognition by simulated neural networks, part ii final report	1962
19650079522	Space environment interim investigations of materials	1962
19650079523	Measurement of human performance for man-in- space	1962
19650079533	Launch control system test report, nra i-1, model ws-133a	1962
19650079543	4 kw solar photovoltaic power system design study technical documentary report, mar. 1961 - jan. 1962	1962
19650079575	Data report for a hypersonic test program conducted at the ge-msvd 30 inch shock tunnel of three nike-zeus target vehicle model configuration using the free-flight technique	1962
19650079576	Arpa re-entry vehicle instrumentation program, phase i final report	1962
19650079578	Data summary and trajectory report. afmfc test no. 113, minuteman missile no. 441, march 22, 1962	1962
19650079579	Fragmentation characteristics of mauler warheads employing high density fragments	1962
19650079585	Fluorocarbon n-f compounds quarterly report, jan. 1 - mar. 31, 1962	1962
19650079593	Computer simulation routine for radio frequency backscatter- first preliminary model	1962
19650079605	Development and investigation of an arc-plasma	1962
19650079617	Firing test evaluation of pershing missile 320	1962
19650079618	F-104 compatibility test /project grindstone/	1962
19650079620	Penetration aids for re-entry vehicles. down-range anti-missile measurement program /damp/	1962
19650079625	Firing test evaluation of pershing missile 319	1962
19650079626	Operational considerations and design tradeoffs for a manned military reentry vehicle	1962
19650079627	Actual weight and balance report, model gam-72a	1962
19650079628	A review of the arpa reentry physics research program and its relation to other areas of project defender	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079629	Re-entry radiation measurements during amr test 6203 /titan j-23/ final report	1962
19650079634	Long-range acoustic propagation study data report	1962
19650079636	Weapon system application studies. volume i- weapon system applications analyses technical documentary report, sep. 1960 - apr. 1962	1962
19650079637	Weapon system application studies. volume ii- design substantiation and parametric data technical documentary report, sep. 1960 - apr. 1962	1962
19650079639	Alternate approach terminal guidance technique, terminal guidance project task ii	1962
19650079642	Project ramp- measurement of ballistic missile radiation /amr test 5050/	1962
19650079643	Downrange data report- afmtc test no. 3803, atlas missile 9e	1962
19650079654	Thule site tracking radar all sector program /trasp/ satellite capability tests integration test report	1962
19650079655	Exhaust-gas composition and afterburning energy release for selected rocket propellants	1962
19650079656	Silent area wind prediction for usaf manned bombers air force surveys in geophysics no. 146	1962
19650079696	Analytical techniques for evaluation of aerospace propulsion systems	1962
19650079697	Hypersonic inlet testing in a hotshot facility	1962
19650079703	Gemini Launch Vehicle Monthly Performance Report No. 7	1962
19650079708	An/gsq-17 finder system computer programs. part v- per mission fix processes. volume 5- assembly listings final report	1962
19650079709	An/gsq-17 finder system computer programs. part ii- per mission fix processes, volume 9 final report	1962
19650079710	An/gsq-17 finder system computer programs. part ii- per mission fix processes, volume 10 final report	1962
19650079712	Research, design, and demonstration of advanced components for large solid- propellant motors eighth monthly program progress report, jul. 1962	1962
19650079718	Titan ii informal flight-readiness test program final report, 11 jan. - 11 may 1962	1962
19650079719	[No Title]	1962
19650079722	Aerospace technical program plan for advent, phase i	1962
19650079723	Mercury/Atlas Launch Vehicle Program for NASA Project Mercury Progress Report, 31 May - 30 Jun. 1962	1962
19650079725	Gemini Launch Vehicle Monthly Performance Report No. 6	1962
19650079727	Gemini Launch Vehicle Monthly Performance Report No. 1	1962
19650079728	Gemini Launch Vehicle Monthly Performance Report No. 2, 15 Jun. - 15 Jul. 1962	1962
19650079729	Development of solid propellant reinforced grains quarterly progress report, 16 apr. - 15 jul. 1962	1962
19650079733	[No Title]	1962
19650079740	Re-entry control study, 1 july 1961 - 30 june 1962	1962
19650079743	Research on ballistic missile defense phenomenology- part two semiannual technical summary report, 1 oct. 1961 - 28 feb. 1962	1962
19650079745	Project ramp- measurement of ballistic missile radiation /amr test 3765/	1962
19650079747	Reliability Analysis of Thurst Augmented Thor (DSV-2C)	1962
19650079749	Flight test data, blue scout d-7 launched 12 april 1962, test 105 data reduction report no. 9ee	1962
19650079760	Investigation of class b flexible electrical insulating sleeving, brand rex division, american enka, manufacturer	1962
19650079769	Investigation of precision antenna pattern recording and display techniques first quarterly report, 1 apr. - 30 jun. 1962	1962
19650079770	Investigation of precision antenna pattern recording and display techniques second quarterly report, 1 jul. - 30 sep. 1962	1962
19650079780	The hydrogen embrittlement behavior of high strength steel coated with cadmium by the minnesota mining and manufacturing company mechanical plating process	1962
19650079786	Proton fluxes along trajectories through the inner van allen belt	1962
19650079788	Initiating circuit and time delay for multiple electric detonators	1962
19650079789	Soviet astrophysics - selected articles from aviation and cosmonautics <aviatsia i cosmonautika>	1962
19650079794	Electromagnetic scattering from extended targets	1962
19650079797	Evaluation of thermal radiation protection offered by air-crew flight uniform assemblies progress report	1962
19650079800	Study of reliability of electronic components in a nuclear radiation environment reliability engineering document no. 8	1962
19650079806	C-band beacon antennas for damp in connection with operation fishbowl final report	1962
19650079807	Determination of the emittance of a char cake final report	1962
19650079818	Radar measurement data report, amr test 3751 changes in composition and concentration of pigments in blue-green algae in the presence of additional carbon and nitrogen sources <izmeneniia sostava i sodержaniia pigmentov sine-zelenykh vodoroslei v prisutstvii dipolnitet'nykh istochnikov ugleroda i azota>. changes in composition and concentration of pigments in blue-green algae in the presence of additional carbon and nitrogen sources <izmeneniia sostava i sodержaniia pigmentov sine-zelenykh vodoroslei v prisutstvii dipolnitet'nykh istochnikov ugleroda i azota>.	1962
19650079819	Gemini Launch Vehicle	1962
19650079820	Gemini Launch Vehicle	1962
19650079821	Development of an infrared three-stage magnetic focused cascaded tube with s-1 response final technical progress report, 1 jun. 1960 - 31 mar. 1962	1962
19650079822	Development of a three-stage cascaded image tube progress report, 31 mar. 1959 - 28 feb. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079833	Project composite i final flight test report	1962
19650079834	Summary of work performed under weptask rmmp-22-0281216-1/f009-06-001 during april 1962	1962
19650079857	Summary of work performed under weptask rmmp-22-028/216-1/f009-06-001 during march 1962	1962
19650079858	Investigation of Failure of Atlas Missile 1f During Static Test	1962
19650079860	Permission fix processes, part ii, volume 3 final report	1962
19650079862	Research, design, and demonstration of advanced components for large solid- propellant motors first formal report of test data	1962
19650079863	An/gsq-17 finder system computer programs. part ii- per mission fix processes, volume 6 final report	1962
19650079865	Unsteady response of a shock layer to em waves interim report, 1 oct. 1960 - 1 jan. 1962	1962
19650079867	Thermoelectric generators as power sources for army missiles	1962
19650079868	An experimental evaluation of a density senser and a quality senser for mixed phase fluids	1962
19650079869	Radar measurement data report, amr test 5462. down-range anti-missile measurement program /damp/	1962
19650079873	Weight Program and Mass Property Requirements for the Design, Development, and Flight Phases of the Gemini Launch Vehicle Engine Systems	1962
19650079877	A resume of computer programs for aerospace propulsion	1962
19650079916	Analytical aspects of reliability in re-entry systems development	1962
19650079926	Development of low temperature dielectric coatings for electrical conductors second quarterly report, oct. - dec. 1961	1962
19650079927	Project gemini studies 120-day detailed technical progress report, 1 jun. - 1 oct. 1962	1962
19650079934	Electrochemical fuel cells- an annotated bibliography	1962
19650079944	Study of a drag brake satellite recovery system, volume i	1962
19650079950	Solid-propellant nova vehicle system considerations	1962
19650079959	Heats of formation of metallic borides by fluorine bomb calorimetry progress report, 1 feb. - 31 may 1962	1962
19650079965	Theoretical research studies by reacting plasmas administrative report no. 1	1962
19650079973	Microwave techniques, volume x	1962
19650079974	Antennae with cosecans pattern <antennes avec une caracteristique en cosecante<	1962
19650079975	The theoretical and practical development of aerials with specially shaped radiation patterns	1962
19650079976	Lenses and dielectric reflectors <lentilles et reflecteurs dielectriques<	1962
19650079977	Antenna for scanning by frequency <antenne a balayage par frequence<	1962
19650079978	Multimethod antennae and their applications as primary sources in single pulse radar <les antennes multimodes et leurs applications comme sources primaires dans les radars monopulse<	1962
19650079979	Aerial lens possessing a gaussian diagram for conical scanning <un aerien a lentilles possedant un diagramme gaussien a balayage conique<	1962
19650079980	Application of ferrites to swivelling antennae beam <application des ferrites aux antennes a pinceau orientable<	1962
19650079983	Apollo system specification - ground rules	1962
19650079992	Gam-87a reliability program monitoring report	1962
19650079993	An/gsq-17 finder system computer programs- part iii- periodic processes, volume 3 final report	1962
19650079994	Advanced aerospace propulsion program - presentation charts	1962
19650079998	Heat transfer measurements in solid propellant rocket cooled nozzles	1962
19650080011	Mercury/Atlas Launch Vehicle Program for NASA Project Mercury. Monthly Progress Report, 30 Sep. - 31 Oct. 1962	1962
19650080012	Mercury/Atlas Launch Vehicle Program for Nasa Project Mercury. Progress Report, 31 Aug. - 30 Sep. 1962	1962
19650080013	Satellite control facility equipment augmentation. design criteria, control and display subsystem	1962
19650080014	Satellite control facility equipment augmentation. design criteria, telemetry subsystem	1962
19650080015	Project transit 4-b final flight test report	1962
19650080017	Atlas Launch Vehicle Program for NASA Project Mercury. Monthly Progress Report, 1-31 Mar. 1962	1962
19650080018	An/gsq-17 finder system computer programs. part iii- periodic processes, volume 2 final report	1962
19650080019	An/gsq-17 finder system computer programs. part iii- periodic processes, volume 1 final report	1962
19650080025	Mercury Space Booster Program Annual Report, 1 Jul. 1960 - 30 Jun. 1961	1962
19650080027	An/gsq-17 finder system computer programs. part ii- per mission fix processes, volume 1 final report	1962
19650080029	Preliminary report on reentry radiation measurements- amr test 119	1962
19650080043	J-2 program monthly progress report for period ending 31 december 1961	1962
19650080044	J-2 program monthly progress report for period ending 31 january 1962	1962
19650080045	J-2 program monthly progress report for period ending 28 february 1962	1962
19650080046	J-2 program monthly progress report for period ending 31 march 1962	1962
19650080047	J-2 program monthly progress report for period ending 30 april 1962	1962
19650080048	J-2 program monthly progress report for period ending 31 may 1962	1962
19650080049	J-2 program monthly progress report for period ending 30 june 1962	1962
19650080050	J-2 program monthly progress report for period ending 31 july 1962	1962
19650080057	Ranger iv /atlas 113d-agera b 6004-spacecraft ra-3/ system test evaluation and performance analysis report /35-day report/	1962
19650080063	An/gsq-17 finder system computer programs. part v- per mission fix processes. volume 6- assembly listings final report	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080064	Investigation of hot-gas systems and components. volume i- booster vehicles final report	1962
19650080067	Research, design, and demonstration of advanced components for large solid- propellant motors ninth monthly program progress report, period ending 31 aug. 1962	1962
19650080069	Mercury Space Booster Program. Annual Report, 1 Jul. 1960 - 30 Jun. 1961	1962
19650080070	[No Title]	1962
19650080077	Study of effects of high altitude nuclear tests on faa radio facilities	1962
19650080078	[No Title]	1962
19650080081	Trajectories for Possible Soviet Venus Shots, 1962	1962
19650080090	J-2 program quarterly progress report for period ending 30 november 1961	1962
19650080091	J-2 Program Quarterly Progress Report, Period Ending 28 Feb. 1962	1962
19650080092	J-2 program quarterly progress report for period ending 31 may 1962	1962
19650080093	An/gsq-17 finder system computer programs. part vi- periodic processes. volume 1- assembly listings final report	1962
19650080101	An/gsq-17 finder system computer programs. part v- per mission fix processes. volume 4- assembly listings final report	1962
19650080102	An/gsq-17 finder system computer programs. part ii- per mission fix processes, volume 7 final report	1962
19650080106	Spectral suitability, modulation and detection techniques in communication with wavelengths between 30 and 10,000 angstroms, part ii	1962
19650080109	Experimental shielding studies for a radiation-resistant combat vehicle, phase iv	1962
19650080110	An/gsq-17 finder system computer programs. part iv- operating instructions final report	1962
19650080113	Dynamic analysis and preliminary design for a satellite vehicle guidance system final report, mar. 1961 - feb. 1962	1962
19650080117	Simulation of energy management systems for hypersonic glide and re-entry vehicles	1962
19650080122	Design, construction and field testing of a pressure responsive transducer final report, 10 mar. 1961 - 15 dec. 1962	1962
19650080125	An/gsq-17 finder system computer programs. part vi- periodic processes, volume 2- assembly listings final report	1962
19650080126	An/gsq-17 finder system computer programs. part ii- per mission fix processes, volume 8 final report	1962
19650080127	An/gsq-17 finder system computer programs. part ii- per mission fix processes, volume 11 final report	1962
19650080128	An/gsq-17 finder system computer programs. part ii- per mission fix processes, volume 5 final report	1962
19650080135	Augmentation of the usaf satellite control facility	1962
19650080138	Program 624A Standardized Space Launch System, Phase I Technical Studies. Volume I- Vehicle Systems	1962
19650080143	Gemini Launch Vehicle Fifth Monthly Performance Report	1962
19650080144	Ws-133a- static force and pressure data of phase i mark 11 configurations at mach numbers from 0.4 to 20	1962
19650080149	Three dimensional flow fields summary report, 1 jul. 1961 - 30 jun. 1962	1962
19650080162	Studies pertaining to bambi. ballistic- missile-plume wind-tunnel research program final technical documentary	1962
19650080180	A comparative study on the infrared radiation of re-entry vehicles and decoys	1962
19650080181	The radar-optical cheater decoy	1962
19650080184	Per mission fix processes, volume 4 final report, part ii	1962
19650080185	An/gsq-17 finder system computer programs summary report, part i /final/	1962
19650080186	Per mission fix processes, part ii, volume 2 final report	1962
19650080204	Electric propulsion applied research support, volume ii summary report	1962
19650080217	Mod Iii Guidance Computer, Nasa Mercury Atlas Ma-6, Atlas Booster 109D, Afmte Test Number 1254 Supplementary Data Report, 20 Feb. 1962	1962
19650080226	Aerodynamic heating data, sm-68b	1962
19650080231	Satellite control facility. design criteria- alignment and calibration subsystem	1962
19650080232	Arma inertial guidance system configuration and data evaluation for re-entry vehicle systems program	1962
19650080234	An analog computer simulation for x-20 glide phase guidance studies	1962
19650080241	Effects of hypervelocity impacts on materials technical documentary report, 15 jun. 1961 - 15 jun. 1962	1962
19650080253	Syncom mark ii	1962
19650080262	Fracture of structural metals	1962
19650080268	Ogo wobble gear material and lubrication evaluation tests	1962
19650080313	Feasibility program of radar reflectors /chaff/ progress report no. 3, 1-31 aug. 1962	1962
19650080321	Satellite control facility equipment augmenta- tion. design criteria, precision s-band tracking radar subsystem	1962
19650080335	Apollo- integration and checkout report on the preliminary program planning study. volume 1- phase i, study scope	1962
19650080336	Apollo- integration and checkout report on the preliminary program planning study. volume 2- organization and management	1962
19650080337	Apollo- integration and checkout report on the preliminary program planning study. volume 3- data acquisition and control	1962
19650080343	Force tests at m equal 18.5 on the advanced mark 6	1962
19650080350	The computer simulation of missile effects scientific report no. 7	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080351	Proposed system package plan for program 624a, volume i	1962
19650080353	Acoustic wave propagation in the ionosphere. preliminary design for laboratory experiments interim report no. 8	1962
19650080357	Long-range acoustic propagation study data report	1962
19650080358	Long-range acoustic propagation study data report	1962
19650080360	Maneuvering satellite propulsion system study, volume i final report, 15 jun. - 15 dec. 1961	1962
19650080372	Ultra-fine high temperature, high strength metallic fibers final report, may 1961- jun. 1962	1962
19650080375	Trajectory determination with limited data from a single observing site	1962
19650080385	General Performance Evaluation of the Titan III Space Launching System	1962
19650080405	Investigation of an aerodynamic spike in hypersonic flow technical progress report	1962
19650080413	Thermal stability of plastics, march 1961 - december 1961	1962
19650080422	Effects of ultrahigh pressures on the formation and properties of organic, semiorganic, and inorganic materials final report, jul. 1, 1960 - dec. 31, 1961	1962
19650080428	Hypersonic Shock Tunnel Pressure and Heat Transfer Investigation of the Boeing Company Forward Fuselage Dyna-Soar Model	1962
19650080440	A theoretical and experimental program to establish and prove a design for a liquid propellant rocket engine system for an evasive satellite or a satellite interceptor second quarterly progress report, 16 sep. - 15 dec. 1961	1962
19650080445	Development Test Plan- Qualification Dyna- Soar /Step I/	1962
19650080450	Arnold Engineering Development Center Tunnel a Boeing Test Number 5, Supersonic Performance, Stability and Control Tests of Ad-599I-1, a.054 Scale Model of the Dyna Soar Glider Data Report	1962
19650080451	Semi-annual program progress report, period ending 30 june 1962	1962
19650080464	Structure description report	1962
19650080478	Symposium on fibrous materials proceedings	1962
19650080487	Research on phosphorus-containing and other inorganic and semi-organic polymers technical documentary report, 31 dec. 1963 -	1962
19650080512	Nuclear radiation resistant polymers and polymeric compounds seventh annual report, 1 apr. 1960 - 31 may 1961	1962
19650080533	Btwt test no. 739. a high speed force and moment test of 844-2050 dyna soar glider- transition section	1962
19650080553	Development of advanced nozzle designs for large solid propellant rocket motors monthly progress report no. 8, oct. 15 - nov. 15 1962	1962
19650080573	Electromagnetic interference control requirements and electrical interface for agena systems, specifications for	1962
19650080578	Articles on exo-electrons	1962
19650080583	Research on phosphorus-containing and other inorganic and semi-organic polymers technical documentary report, 31 dec. 1961 - 15 oct. 1962	1962
19650080584	Errors in orbit estimation	1962
19650080585	Hydrogen-oxygen combustion tests in a large chamber interim report no. 1	1962
19650080589	Investigation to determine causes of fissuring in stainless steel and nickel-base-alloy weld metals technical documentary report, 7 nov. 1960 - 31 dec. 1961	1962
19650080590	A re-analysis of existing gust data using the power spectrum method	1962
19650080593	S-11 manufacturing briefing	1962
19650080594	S-11 engineering briefing	1962
19650080606	The application of filament winding to the manufacture of rocket motor cases	1962
19650080612	Chemistry and the future	1962
19650080614	Exploration of the upper atmosphere at the ionosphere research observatory of kuehlungsborn	1962
19650080615	Medicine and the cosmos	1962
19650080616	Institute of technical physics of the czech- oslovak academy of sciences	1962
19650080621	A theoretical solution for the ablation of missile base insulation	1962
19650080623	Dse-496I model for study of requirements for accuracy in satellite orbital determination and prediction	1962
19650080633	Results of irradiation tests on electronics parts and modules conducted at the vallecitos atomic laboratory, january - may 1962	1962
19650080634	Collision cross section of slow electrons and ions with cesium atoms	1962
19650080635	Research in high temperature window design final report, apr. 1960 - jun. 1961	1962
19650080638	A study of the maintenance of rendezvous in orbit	1962
19650080641	Annual report of research in materials science and engineering at the massachusetts institute of technology 1961-1962	1962
19650080657	Transfer and test of snap-9a units feasibil- ity report no. 8	1962
19650080678	Study of the flight control requirements for a manned lunar vehicle technical documentary report, nov. 1960 - nov. 1961	1962
19650080680	Application of recognition theory to missile identification and decoy discrimination volume i final report	1962
19650080681	High altitude plume simulation monthly progress report, 23 mar. - 23 apr. 1962	1962
19650080699	Effective area of satellites from u.s. naval space surveillance system observations	1962
19650080701	Long-range acoustic propagation study data report	1962
19650080704	Force and pressure measurements on the avco mark xi and ogive-nose configurations at mach 10	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080706	Design study, installation, and flight testing of douser sensor map-matching system second interim technical report, 1 dec. 1961 - 31 mar. 1962	1962
19650080708	Advanced interceptor technology, volume ii quarterly technical summary report, 1 jan. - 31 mar. 1962	1962
19650080711	Detailed reentry report, amr test 3751	1962
19650080725	Research, design, and demonstration of advanced components for large solid-propellant motors seventh monthly program progress report, jun. 1962	1962
19650080726	Thor Space Vehicles	1962
19650080729	Avcoat external thermal insulation development program, volume i final report, 1 apr. - 30 nov. 1961	1962
19650080762	Long-range acoustic propagation study data report	1962
19650080765	An optical emission spectrographic method for the determination of pu-240 in plutonium materials	1962
19650080780	Long-range acoustic propagation study data report	1962
19650080781	Oxygen Collection System for an Aerospace Plane	1962
19650080783	The gimballess analytic inertial navigation system final report	1962
19650080787	Mathematical model for computation of lethality of missile intercepting an airborne target	1962
19650080788	Dynamic loads analysis of the lracs re-entry vehicle under tumbling re-entry conditions	1962
19650080789	Qualification and preproduction test plan mark 6 re-entry and midcourse decoy assemblies	1962
19650080792	Calculating light modulators final summary report	1962
19650080793	Final aerothermodynamic data report	1962
19650080794	Ida meeting on decoy design and discrimination techniques	1962
19650080795	The development of microwave devices utilizing non-linear properties of ferro-magnetic garnets for purposes of reducing interference and acquiring frequency selectivity final report	1962
19650080798	Free-flight, simulated-altitude varijector development tests technical report	1962
19650080802	Shillelagh- guided missile subsystem interim technical report no. 11, jan. - mar. 1962	1962
19650080803	Comparison of various rocket propulsion systems	1962
19650080804	Corolla meeting on high-energy fuels	1962
19650080805	Missile radiation in the launch phase scientific report no. 7, 1 jan. - 30 jun. 1965	1962
19650080806	Subsonic low altitude bomber	1962
19650080807	Advanced frequency modulation radar techniques progress report p-2/164, 7 apr. 1961 - 9 apr. 1962	1962
19650080827	Radar techniques study and signal processing for target discrimination semiannual technical summary report, 1 jan. - 30 jun. 1962	1962
19650080832	Maneuvering satellite propulsion system study, mission analysis, sep. 1961 - jan. 1962	1962
19650080833	Detailed Reentry Report, AMR Test 5462, December 1, 1961	1962
19650080834	Re-entry physics research semi-annual report, 31 dec. 1961 - 30 jun. 1962	1962
19650080835	Design and development of an integrator for an inertial altitude determination system monthly progress report, may 1962	1962
19650080836	Accessibility of low-altitude targets to the im-99b /bomarc/ technical documentary report, 1 aug. 1959 - 30 apr. 1961	1962
19650080840	Flow pattern study and mixing flow analysis of an aerospike in hypersonic flow	1962
19650080842	Production program plan- guidance and control equipment for minuteman	1962
19650080843	Spadats phase b-1 program description	1962
19650080845	Actual weight and balance report, model gam-72a, serial no. af61-106 thru af61-610, af61-612 thru af61-619, af61-621 thru af61-632	1962
19650080848	Applied research investigation of the supersonic/hypersonic combustion ramjet engine second quarterly progress report, 1 apr. - 30 jun. 1962	1962
19650080849	Supplemental report on re-entry radiation measurements- amr test 5462	1962
19650080880	Missile flame effect on rf signal strength	1962
19650080881	Quarterly Program Progress Report	1962
19650080882	Lracs re-entry vehicle flight dynamics analysis of angle-of-attack decay characteristics during early re-entry phase	1962
19650080883	Program 624A Standardized Space Launch System. Phase I- Technical Studies Volume V Technical Review	1962
19650080886	Adaptive scheduling of maintenance for the minuteman missile	1962
19650080892	Analytical approach to solution of controlled lifting re-entry vehicle non-linear equations	1962
19650080898	Wave propagation in a partly ionized gas interim report no. 9	1962
19650080899	Mauler weapon system interim technical report, apr. - jun. 1962	1962
19650080901	Aerospace propulsion program progress report, 1 jan. - 15 may 1962	1962
19650080903	Compression scanning array techniques /cosar/ quarterly progress report no. 2, 13 dec. 1961 - 13 mar. 1962	1962
19650080907	Research on base flow and wakes final report, 25 apr. 1961 - 24 apr. 1962	1962
19650080908	Operation fish bowl. projected measurements summary special report no. 1	1962
19650080910	Correlation of sphere cone center of pressure and normal force coefficient slope	1962
19650080911	Aedc /VKF-Tunnel C/ Data Report, Boeing Test Number 4. Hypersonic Performance, Stability and Control Tests of a 0.054-Scale Model of the 2050C Dyna Soar Configuration	1962
19650080913	Reliability demonstration study	1962
19650080914	Optical monitoring data summary report- atlas 13d /all jazz/	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080916	Nuclear radiation effects test on thermal and silver-zinc batteries	1962
19650080917	A study of future low-altitude intercontinen- tal-bomber designs - effect of gross weight on range of chemically fueled bombers	1962
19650080919	Gelled metalized propellant demonstration program	1962
19650080921	Hypervelocity kill mechanisms feasibility study. internal heating	1962
19650080922	Investigation of ion beam projectors fifth quarterly report	1962
19650080927	Investigation of hot-gas systems and components, volume ii final report	1962
19650080929	Nrl research and development program for the fleet ballistic missile summary report, feb. - mar. 1962	1962
19650080930	General test plan for 621a program	1962
19650080932	Research, design, and demonstration of advanced components for large solid-propellant motors sixth monthly program progress report, may 1962	1962
19650080934	Tumbling turn dynamics, atlas/agena launch vehicle	1962
19650080935	Data summary and trajectory report, afmfc test no. 813, minuteman missile no. 414 /may 19, 1962/	1962
19650080936	On an optical measurable and blunt/slender dissimilitude	1962
19650080968	Electrical, thermal, and windage characteris- tics of various gases and gas mixtures	1962
19650080973	Nuclear relaxation in platinum metal	1962
19650080977	Temperature stress test for resistor, fixed film glass, 100 oam, 1/8 watt	1962
19650080980	Spatially dependent energy distributions for electrons drifting through a gas in a uniform electric field	1962
19650080986	Ability pooling in manned space systems	1962
19650080994	Study of design criteria for landing shock absorption devices for recoverable flight vehicles	1962
19650080998	Transistor	1962
19650081010	Summary of the sixth refractory composites working group meeting, volume i	1962
19650081011	Filter, bandpass	1962
19650081016	Nuclear system characteristics of manned maneuverable spacecraft	1962
19650081017	Nuclear electric power systems for a manned orbiting station	1962
19650081022	Activities of chromalloy corporation in the development of coatings for refractory metals	1962
19650081023	Refractory coatings research at the general technologies corporation	1962
19650081024	Recent activities in high temperature coating and material programs at amf	1962
19650081025	Coating evaluation procedures	1962
19650081026	Hyperthermal research facility progress report no. 2	1962
19650081027	Characterization of low-temperature failures in silicide coatings	1962
19650081028	Problems encountered in protectively coating refractory metal hardware	1962
19650081029	Research in protective coatings for refractory metals	1962
19650081030	Composite refractory materials for aerospace vehicles rac 798	1962
19650081031	Current activities at trw in the protective coating of refractory metals	1962
19650081032	Development of chromium base electrodeposited cermet coatings for the protection of solid propellant rocket nozzles	1962
19650081033	A summary of aeronutronic division, ford motor company activities in the field of refractory composites	1962
19650081034	Aircraft coating for rocket blast	1962
19650081035	Emittance measurements at the u. s. naval radiological defense laboratory	1962
19650081036	Optical properties of rokide coatings	1962
19650081037	The development of a standardized screening test for high temperature materials	1962
19650081038	Evaluation of oxidation-resistant coatings in a water-stabilized electric arc at tempera- tures to 2325 deg c /4215 deg f/	1962
19650081039	Summary observations on the interface between plasma-sprayed tungsten and 1020 steel	1962
19650081040	Economic aspects of arc plasma processing	1962
19650081041	Microstructures of selected sprayed coatings on unalloyed columbium	1962
19650081042	Practical plasma spraying	1962
19650081043	Evaluation methods for flame spray coatings	1962
19650081044	Plasma fusion surfacing	1962
19650081052	Aerosols of exhaust gases and their dispersion in the prague atmosphere	1962
19650081053	Perturbation method for low states of a many-particle boson system. variational method for scattering length technical report no. 1	1962
19650081054	Polarization of protons in c12/d,p/c13	1962
19650081056	Performance evaluation of telemetry subcarrier discriminator vector manufacturing company incorporated model ad-10b	1962
19650081065	Czechoslovak report on intercepting aerosol particles in layers of granulated or fibrous materials	1962
19650081067	A study of the relationship between operating time and reliability of electronic equipment and a proposal for reliability controlled overhaul	1962
19650081080	Comparison of behavior of primers for steel on outdoor exposure interim report	1962
19650081082	Briefing manual, 1965 manned space laboratory	1962
19650081083	Report no. 182, quarter ending march 1962	1962
19650081093	Potential of filament wound composites final report, 1 mar. 1961 - 28 feb. 1962	1962
19650081096	Computer program design specifications for the simulation of the augmented scf environment at the sta and cpdc /milestone iv/	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081102	Growing wave phenomena in electron beams and plasmas final report, dec. 15, 1958 - dec. 14, 1961	1962
19650081104	Status and progress report, june 1962	1962
19650081106	On diffraction losses in laser interferometers	1962
19650081108	A collimator study for a 5-gev electron beam	1962
19650081110	Background radiation problems at haleakala	1962
19650081124	Resistors, fixed, composition, insulated	1962
19650081135	Relay ii attitude control systems preliminary design comparisons	1962
19650081158	Rebound spacecraft design and performance specification- structural, mechanical, and propulsion systems, volume i	1962
19650081163	Information flow plan /gemini rendezvous operation/	1962
19650081181	Tradex instrumentation radar system semiannual technical summary report, period ending 31 dec. 1961	1962
19650081194	Millimeter ferrite duplexing devices engineering report no. 5 /final/, jun. 16, 1960 - mar. 1, 1962	1962
19650081201	Terminal forecast reference file	1962
19650081203	Investigation of visual and photographic on-site inspection techniques for the detection of underground nuclear explosions final report	1962
19650081208	End-aspect damp data results	1962
19650081209	Effect of pulsed gamma radiation on infrared detectors final report, 1 jun. 1960 - 31 jan. 1962	1962
19650081213	Space surveillance	1962
19650081217	Slurry fuels- phase i - high volumetric heating value fuels. volume i- summary of slurry fuel development and theoretical range calculations final summary report, jun. 1960 - mar. 1962	1962
19650081219	High pressure rocket engine feasibility program status report no. 16	1962
19650081222	Sainte- satellite and interplanetary tracking and ephemeris program	1962
19650081227	Applied research on a hermetically-sealed drive coupling for space power transmission second quarterly progress report, 1 aug. - 31 oct. 1962	1962
19650081242	Pre-Flight Failure/Discrepancy Analysis, NASA Program	1962
19650081243	Trouble and Failure Summary for NASA	1962
19650081244	Rocket engine exhaust plumes radiation study semiannual documentary report, 1 mar. - 30 jun. 1962	1962
19650081245	A short study of a small low-altitude bomber as a parasite airplane	1962
19650081247	High pressure rocket engine feasibility program contract status report no. 13	1962
19650081256	Electrical power subsystem for a representative aeros configuration	1962
19650081257	Environmental design and test criteria	1962
19650081258	Satellite reliability	1962
19650081264	High pressure rocket engine feasibility program contract status report no. 8, 25 jan. - 25 feb. 1962	1962
19650081265	High pressure rocket engine feasibility program contract status report no. 15, 26 sep. - 26 oct. 1962	1962
19650081270	Performance optimization of multi-component propellant mixtures. volume ii- applications of the optimization procedure final report	1962
19650081272	Slurry fuels sixth progress report, mar. 1- jun. 30, 1962	1962
19650081273	Penetration aids development atlas/titan decoy subsystem technical progress report, 1-30 jun. 1962	1962
19650081276	Recommended applied research and advanced technology programs	1962
19650081279	Environmental control systems selection for manned space vehicles. appendix I- missions, vehicles, and equipment final report	1962
19650081283	Dyna-Soar Quarterly Summary Progress Report, Oct.-Dec. 1961	1962
19650081291	Computer program subsystem integration in support of the satellite control system program progress report, feb. 1962	1962
19650081296	Aerodynamic heating due to shock impingement on a flat plate, model dm-20	1962
19650081300	Program 698an progress report, june 1962	1962
19650081301	Stimulated emission. volume 2- technical report	1962
19650081304	Stimulated emission. volume 1- planning summary	1962
19650081305	F-110a evaluation and familiarization	1962
19650081317	Multiple regression with subsetting of variables	1962
19650081348	Large solid rocket program, phase ii fifth program progress report, apr. 1962	1962
19650081354	Space vehicle environmental control requirements based on equipments and physiological criteria	1962
19650081358	Large solid rocket program seventh monthly progress report, jan. 1962	1962
19650081362	J-2 Program Monthly Progress Report, Period Ending 30 Sep. 1962	1962
19650081363	J-2 Program Monthly Progress Report, Period Ending 31 Aug. 1962	1962
19650081370	J-2 Program Monthly Progress Report, Period Ending 31 Oct. 1962	1962
19650081371	J-2 Program Monthly Progress Report, Period Ending 30 Nov. 1962	1962
19650081384	Ma-5 baffled injector and updated test program final report, aug. - nov. 1961	1962
19650081386	Feasibility investigation of uncooled thrust chamber and nozzle designs final technical report, 1 jul. - 16 oct. 1962	1962
19650081387	The interaction of materials with plasmas- ultraviolet and visible emission spectra	1962
19650081392	Radar measurement data report, amr test 6203	1962
19650081394	Payload capsule impact dispersion study	1962
19650081398	High resolution hemispherical coverage antenna techniques "hicat"	1962
19650081403	An investigation of flight phase structural design criteria for flight vehicles final report	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081404	High pressure rocket engine feasibility program contract status report no 14, 25 jul. - 25 aug. 1962	1962
19650081406	Infrarimetry technique development and evaluation quarterly report no. 3	1962
19650081407	Investigation of an aerodynamic spike in hypersonic flow final report	1962
19650081408	High pressure rocket engine feasibility program contract status report no. 9, 25 feb. - 25 mar. 1962	1962
19650081409	High pressure rocket engine feasibility program contract status report no. 10, 25 mar. - 25 apr. 1962	1962
19650081410	High pressure rocket engine feasibility program contract status report no. 11, 25 apr. - 25 may 1962	1962
19650081411	High pressure rocket engine feasibility program contract status report no. 12, 25 may - 25 jun. 1962	1962
19650081412	High pressure rocket engine feasibility program contract status report no. 16, 26 oct. - 26 nov. 1962	1962
19650081416	Power spectral density analysis of wake effects	1962
19650081424	Infrarimetry technique development and evaluation final report, feb. 1960 - apr. 1962	1962
19650081425	Four-dimensional radar resolution, phase ii	1962
19650081427	Wide band phased arrays semiannual report, 1 jul. - 31 dec. 1961	1962
19650081428	Simplified decoy aerodynamic design techniques and parametric studies	1962
19650081429	1/25-scale tfx research model model report	1962
19650081430	Results of static force wind tunnel studies /terminal guidance project - ars program/	1962
19650081431	Infrared command unit. supplemental flare test results	1962
19650081432	Mach 8 heat transfer and pressure distributions for three configurations of the general electric nike-zeus target vehicle	1962
19650081438	A sizing study of a fluorine/hydrazine upper stage for use on atlas or titan ii vehicles	1962
19650081445	Analytical and empirical studies /terminal guidance project - ars program/	1962
19650081458	Detailed reentry report, amr test 6203, december 14, 1961	1962
19650081459	Propellant system optimization study. reliability data analysis final report	1962
19650081461	Description and potential applications of the pace inertial guidance system	1962
19650081462	Design and fabrication of a breadboard multi-headed solid state celestial comparator final report, jun. 1960 - jul. 1961	1962
19650081464	Optical monitoring data summary report- atlas 141 d /long lady/	1962
19650081465	Equipment preliminary design studies /terminal guidance project - ars program/	1962
19650081466	Data summary and trajectory report, pmr test no. 157203 /all jazz/, nike-zeus test no. 1 /june 26, 1962/	1962
19650081469	Distributed satellite circumglobal communication technique study technical note, 11 jan. - 11 jul. 1962	1962
19650081473	Optical monitoring data summary report- atlas 130 /first try/	1962
19650081474	A method for constructing vehicle envelopes of minimized radar cross-section under aerodynamic and internal-external packaging constraints	1962
19650081481	Minuteman calorimeter technical evaluation /ccp 577/	1962
19650081484	Operational-reliability estimates and part-failure data for naval avionics equipments final engineering report, part 1	1962
19650081489	Transit-time modulation of variable artificial delay lines	1962
19650081502	An infrared antimissile feasibility study	1962
19650081505	Neighboring optimum terminal guidance for super-circular re-entry of a lifting vehicle	1962
19650081521	Feasibility and Laboratory Version of an Extra Terrestrial Biological Probe	1962
19650081534	Electron density distribution produced by the faraday rotation method	1962
19650081536	Structures third design study review, 11-12 dec. 1962	1962
19650081545	Systems integration. third design study review, 11-12 december 1962 nova technical note no. 10	1962
19650081552	An assessment of lie detection capability	1962
19650081561	Analysis of electron-ion mixing in ion engines progress report no. 2, jul. 1 - aug. 1, 1962	1962
19650081580	Re-entry vehicle instrumentation program, phase i final report	1962
19650081596	NASA-Agena B, S-27 Alouette Flight Test Report	1962
19650081604	Analysis of electron-ion mixing in ion engines progress report no. 1, 3-30 jun. 1962	1962
19650081608	Analysis of electron-ion mixing in ion engines progress report no. 4, 1-30 sep. 1962	1962
19650081610	A Study of Early Manned Interplanetary Missions. Missions and Operations Studies Intermediate Report No. 1	1962
19650081623	Theoretical investigation of ion-rocket beam neutralization monthly technical progress report, 1-31 mar. 1962	1962
19650081627	Analysis of electron-ion mixing in ion engines progress report no. 5, 1 oct. - 1 nov. 1962	1962
19650081636	Thrust vector control, liquid injection firings no. htc-c-7 and htc-c-8 conducted at arnold center, tullahoma, tennessee final report	1962
19650081637	Large solid rocket program, phase ii third program progress report, feb. 1962	1962
19650081640	Monte Carlo Study of Mercury	1962
19650081641	Ground system requirements in support of a standardized launch vehicle	1962
19650081646	Progress report for the period, 1 july 1961 - 31 march 1962 seventeenth technical note	1962
19650081647	Solid propellant rocket motors designed to exhaust at 90 degrees to the centerline of the motor program progress report no. 1, 15 jan. - 15 feb. 1962	1962
19650081648	An investigation of the wall heating and ablation characteristics of slender cones in a 1 mw air stabilized vacuum arc-jet, phase v	1962
19650081649	Near disturbance field of a rocket exhaust in the ionosphere	1962
19650081652	Impulses from detonating gas mixtures semiannual technical summary report	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081655	Lockheed nova study program progress report no. 3	1962
19650081659	Electric propulsion applied research support. volume i- missions, flight test plans, status summary report, apr. 1961 - apr. 1962	1962
19650081677	Nfs-3 program quarterly progress report, 1 feb. - 30 apr. 1962	1962
19650081683	Hybrid tvc systems monthly letter report no. 3, 16 dec. 1961 - 16 jan. 1962	1962
19650081690	[No Title]	1962
19650081701	RI10a-3 fuel pump cooldown study summary letter report	1962
19650081731	Post-nova launch vehicle study monthly progress report no. 2, first progress briefing, 11 jul. - 31 aug. 1962	1962
19650081736	Space radiation effects on solar cells	1962
19650081738	C-141a aerodynamic data for structural design	1962
19650081740	Ice shedding tests on a 10-foot sharp-edged delta wing at low angles of attack	1962
19650081777	Thermal degradation of jet fuels final report	1962
19650081778	Evaluation of process and corrosion problems in model xh 450 inert gas generator manufac- tured by gas atmospheres, incorporated evaluation report	1962
19650081826	Commercial supersonic transport panel flutter studies first quarterly technical report, 1 jun. - 1 sep. 1962	1962
19650081864	Evaluation of a chromium-magnesium oxide sintered composite alloy for high temperature application	1962
19650081954	Evaluation of a kearfott 2516-030 gyro	1962
19650081970	A flight evaluation of aircooled aircraft wheel brakes	1962
19650081985	Measurements of the direct pitching oscilla- tion derivatives for three cropped delta and three arrowhead planforms at subsonic and transonic speeds	1962
19650081987	Transducers for nuclear vehicles, volume ii final report	1962
19650081989	Analysis of electron-ion mixing in ion engines quarterly report no. 1, 3 jun. - 31 aug. 1962	1962
19650081996	Engineering studies and systems modifications for saturn ground computer complex monthly progress report, mar. 1 - apr. 1, 1962	1962
19650082009	The airforces on the low aspect ratio rectangular wing oscillating in sonic flow	1962
19650082011	Table of the artificial earth satellites launched in 1957-61	1962
19650082014	A boundary layer probe for the direct measurement of aerodynamic heating	1962
19650082015	Air to ground applications of visual detection lobe theory	1962
19650082016	On three-dimensional bodies of delta planform which can support plane attached shock waves	1962
19650082017	Notes on the fifth international conference on ionisation phenomena in gases, munich, 1961	1962
19650082027	A theoretical survey of the potentialities of insulation and internal cooling for allevia- tion of steady kinetic heating	1962
19650082031	Curves of equilibrium skin temperature for bodies flying at hypersonic speeds at high altitudes	1962
19650082032	A contraction of satellite orbits under the influence of air drag. part iii - high- eccentricity orbits /o.2 less than e less than 1/	1962
19650082036	Calculation of sideslip derivatives and pressure distribution in asymmetric flight conditions on a slender wing-fin configuration	1962
19650082038	A consideration of the similarity requirements for aerothermoelastic test on reduced scale models	1962
19650082044	Satellite orbit perturbations due to radiation pressure and luni-solar forces	1962
19650082045	Aircraft behaviour in a vertical gradient of wind velocity	1962
19650082048	Temperature stable fluids and lubricants. vii- some sym-bis /phosphate-substituted n-alkyl/ tetramethyldisiloxanes	1962
19650082055	A generalised study of two-dimensional trajectories of a vehicle in earth-moon space	1962
19650082056	On the attitude control of earth satellites	1962
19650082057	High accuracy, airborne, voltage-to-digital converters, part 1	1962
19650082062	The evaluation of some commercial and development pressure gauges in a laboratory type shock tube with a view to their suitability for use in shock tunnels	1962
19650082070	Diffraction of oblique shock wave	1962
19650082072	A passive telemetry system for hypervelocity ranges	1962
19650082074	Turbulence in the mixing region of a round jet	1962
19650082075	Satellite communication equipment- some design considerations	1962
19650082076	An investigation into the use of silicon carbide as an oxidation resistant coating for molybdenum	1962
19650082077	Some preliminary experiments on improving the mechanical properties of metals by reinforcement	1962
19650082078	Quasi-cylindrical surfaces with prescribed thickness distributions	1962
19650082080	An approximate solution of the equations of transonic flow. ii aerofoils with attached shock waves	1962
19650082081	National bureau of standards measurement program on uhf airborne television	1962
19650082084	Fatigue properties of plastic laminates reinforced with unwoven glass fibers	1962
19650082085	The stability of rotor blade flapping motion at high tip speed ratios	1962
19650082086	Autoignition characteristics of jp-6 jet fuel final report, 1 jan. - 31 dec. 1961	1962
19650082088	Two deuce programmes for the bedford high- speed tunnel	1962
19650082089	Flight tests to determine the friction coefficient between an aircraft tyre and various wet runway surfaces. part 4- trials on a grooved asphalt runway surface at raf station, west raynham	1962
19650082090	Catalogue of unclassified reports and technical notes issued by aerodynamics department in 1961	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082092	Flight tests to determine the coefficient of friction between an aircraft tyre and various wet runway surfaces, part 6	1962
19650082093	The elastic properties of viton a cross-linked with nn' dicinnamylidene - 1,6 - hexanedia- mine	1962
19650082094	A system for presenting steering information during visual flight /the head-up display/. part 2- the form of the presented information	1962
19650082095	A shock tube for the dynamic testing of pressure transducers	1962
19650082096	Development of a lubricant for use with electromagnetic release units	1962
19650082097	Comparison of dynamic and static tests on forward facing passenger seats	1962
19650082098	Transmission system for rocket test track telemetry	1962
19650082099	The influence of nickel and manganese on the fatigue properties and microstructures of three al-mg-zn alloys	1962
19650082100	Sub-micro analysis. ii- the determination of iron in organic materials	1962
19650082101	On the use of finite difference methods in eigenvalue problems	1962
19650082102	A study of the thermal properties of aircraft cabin insulation using electrical analogue technique	1962
19650082103	The preparation of phenylsodium from chlorobenzene and its stability in refluxing benzene	1962
19650082104	[No Title]	1962
19650082105	A polynomial surface-fitting program for the bendix g-15 digital computer	1962
19650082107	On the measurement of the average temperature of a fluid stream in a tube by means of a special type of resistance thermometer	1962
19650082108	An improved method for producing foam-filled fibreglass-reinforced plastic propeller blades	1962
19650082109	On the influence of the non-uniform free- stream of a conical wind-tunnel nozzle on the axisymmetric hypersonic flow around blunt bodies	1962
19650082111	Measurement of the burning surface tempera- tures of propellant compositions by infrared emission	1962
19650082112	A metallurgical study of suspected fatigue in a magnesium alloy wheel casting	1962
19650082115	Some aspects of the catalytic decomposition of hydrogen peroxide by silver. part viii - the effects of additives	1962
19650082116	Practical aspects of digital spectral analysis	1962
19650082118	The chemical contouring of magnesium alloy sheet and its effect on fatigue properties	1962
19650082119	Equilibrium data for the formation of sulfur trioxide in the combustion products from petroleum fuel oils	1962
19650082120	A digital computer programme for the calcula- tion of annular or two-dimensional supersonic potential flow in a duct by the method of characteristics	1962
19650082121	The development of a bearing quality measuring machine	1962
19650082122	Solution of a non-linear wave equation	1962
19650082125	On the perturbed motion of a lunar satellite	1962
19650082126	Space geomagnetism, radiation belts, and auroral zones	1962
19650082127	Atmospheric turbulence and the scintillation of starlight	1962
19650082128	A model for satellite electric drag calculations	1962
19650082129	Decay of ionization impulses in the d & e regions of the ionosphere	1962
19650082130	Propagation of terrestrial radio waves of long wave length - theory of zonal harmonics with improved summation techniques	1962
19650082132	The effects of nuclear bursts in space on the propagation of high-frequency radio waves between separated earth terminals	1962
19650082133	The sequential estimation and detection of signals in normal noise	1962
19650082134	On the synthesis of reliable switching elements	1962
19650082136	Error burst chains in data transmission	1962
19650082137	Operational and human factors in planning automated man-machine checkout systems	1962
19650082138	The theory of stellar radar	1962
19650082140	The design and test at mach number 2.5 of two low-wave-drag ring-wing configurations of aspect ratio 1.3 and 2.6	1962
19650082141	Human factors in automatic checkout equipment - an annotated bibliography	1962
19650082142	Effects of cosmic radiation on the extremely low frequency properties of the mesosphere	1962
19650082143	The precession of spinning bodies due to gravitational gradient torques	1962
19650082144	The method of least squares and optimal filtering theory	1962
19650082145	The synergetic plane change for orbiting spacecraft	1962
19650082146	Idealized sheath theory and satellite charge- up in the van allen region	1962
19650082150	Frequency calibration receiving systems and techniques using standard lf and ulf signals	1962
19650082151	Experimental performance of a circularly symmetrical antenna array	1962
19650082152	Icing tests of a 10-ft. delta wing of unity aspect ratio having leading edge separation	1962
19650082153	Properties of a stress-carrying insulating composite of vermiculite and sodium silicate	1962
19650082154	A note on the effect of very infrequent load range changes on cumulative fatigue damage	1962
19650082155	Experimental thrust augmentation of a variable geometry, two-dimensional, central nozzle ejector	1962
19650082156	Oscillatory experiments in a helium hypersonic wind tunnel	1962
19650082157	Compressible gas flow tables for specific heat ratio /gamma/ equals 4/3 /mach number 0.000 to 2.000/	1962
19650082158	Satellite coverage probabilities	1962
19650082159	Recent work in swirling incompressible flow	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082160	Some semiconductor contact studies scientific report no. 2	1962
19650082161	Tapered beams on an elastic foundation and related problems - a study of engineering methods of analysis, part i	1962
19650082162	Stress concentrations around shallow spherical depressions in a flat plate	1962
19650082163	The analytic signal representation of modulated waveforms	1962
19650082164	On the numerical solution of a differential- difference equation arising in analytic number theory	1962
19650082169	Mechanisms underlying predictive behavior for an intelligent machine	1962
19650082170	Scattering and polarization properties of polydispersed suspensions with partial absorption	1962
19650082171	On the approximation of curves by line segments using dynamic programming - ii	1962
19650082172	A statistical investigation of missile failure due to bending in a turbulent atmosphere	1962
19650082173	An algorithm for scaling matrices, notes on linear programming and extensions - part 58	1962
19650082174	Poisson summation formulas for groups-1 - finite groups	1962
19650082175	A critical review of techniques for the flight determination of aircraft dynamic stability and response characteristics with illustrative examples from measurements on a subsonic jet fighter	1962
19650082176	Radio wave absorption due to electron-ion collisions in the earth's atmosphere above 100 km	1962
19650082178	An investigation of the lubricating properties of molybdenum disulphide, part ii	1962
19650082179	Self-sustained oscillations of a system with non-linear damping of a particular type	1962
19650082180	The flame photometric determination of sodium in the presence of potassium	1962
19650082181	Surface flow patterns, as visualized by dust deposits on the blades of a fan	1962
19650082182	The shear stiffness of a corrugated web	1962
19650082183	Loading and heating of a simple structure with linear work hardening	1962
19650082184	The thermodynamic properties and shock-wave characteristics of a model venus atmosphere	1962
19650082185	On the adhesion of ice to various materials	1962
19650082186	Flow visualization photographs of a wing- submerged lifting fan model	1962
19650082187	Improved protective paints for steel	1962
19650082188	Development of a model-controlled v/stol airborne simulator	1962
19650082191	Pressure loss tests on a second model of a turbine volute	1962
19650082192	Torsional vibrations of a solid wing of diamond section	1962
19650082193	Magneto-fluid-mechanic blast waves in a medium with finite electrical conductivity	1962
19650082194	On axial load diffusion into a thin-walled reinforced cylindrical shell	1962
19650082195	Pump tests to assess the lubrication and shear stability qualities of geigy hyd 21 hydraulic fluid	1962
19650082196	A digital angular position servo utilising a decade counter and radial gratings producing moire fringes	1962
19650082197	Some semiconductor surface state studies scientific report no. 3	1962
19650082198	Entry into elliptic orbits round the moon	1962
19650082201	Hypersonic wind tunnel measurements of the normal forces and centres of pressure of three cone-cylinder-flare models	1962
19650082202	A technique for character recognition by moments of arc length	1962
19650082204	Experiments for feasibility study of tropospheric scatter propagation between the earth and satellites	1962
19650082205	An aperture-synthesis method of measuring a multipath field technical note no. 3	1962
19650082206	Note on a hypersonic tail-shock problem	1962
19650082207	Optimal capacity scheduling	1962
19650082208	When to stop sampling and initiate product improvement	1962
19650082209	The derivation and use of estimating relationships	1962
19650082210	Sub-micro analysis. i- some observations on balance performance	1962
19650082211	The dynamics of simple cubic lattices. ii- the effects of surface impurities on the lattice motion	1962
19650082212	Reactions of hemoglobin and steady states in the human respiratory system- an investigation using mathematical models and an electronic computer	1962
19650082213	On theoretical plasticity and crack propagation	1962
19650082214	Rolling power tests on an elastic model wing in low speed flow	1962
19650082215	Continuous stress-relaxation in viton a vulcanisates. part i - diamine and diimine cures	1962
19650082216	The effect of ferromagnetic impurities on the behaviour of copper coils in a magnetic field	1962
19650082217	An introduction to transfer orbits	1962
19650082218	Molybdenum, tungsten, tantalum, niobium. evaluation tests on sheet material	1962
19650082219	Some experiments on the cure of an epoxide- anhydride system. part ii - kinetic studies	1962
19650082220	Black knight electronic flash installation for optical tracking	1962
19650082221	Ballonet kite balloons design, construction and operation	1962
19650082222	Minimal weight design for a built-in beam	1962
19650082223	An analytical study of the pert assumptions	1962
19650082224	On the foundations of relativistic continuum mechanics	1962
19650082225	Stress potentials, path densities, and relativistic thermodynamics	1962
19650082226	A product theorem for hilbert transforms	1962
19650082227	Flow visualisation studies of plane and caret delta wings at supersonic and hypersonic mach numbers	1962
19650082228	Some thoughts for future space operations	1962
19650082229	Computation of hankel functions	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082230	1/12-scale model tests of an open circuit vtol propulsion tunnel. part i- selection of and basic testing of a suitable configuration using an external air supply. part ii- tests with the addition of a bellmouth intake and driving fan	1962
19650082231	A computational procedure for optimizing interplanetary trajectories	1962
19650082232	Evaluation of the batori astro computer mark i	1962
19650082234	Synthesis of some bromine-containing tertiary phosphate esters	1962
19650082235	Notes on the second international symposium on fluorine chemistry, estes park, colorado, july 17-20, 1962	1962
19650082237	Solution of cubic and quartic equations	1962
19650082238	The determination of wind structure at low altitudes by the use of smoke trails	1962
19650082239	Manchester mercury autocode - glossary of terms for use with the london chl3 compiler	1962
19650082240	A preliminary experiment on the effects of proton bombardment on germanium and silicon transistors	1962
19650082241	The contraction of satellite orbits under the influence of air drag	1962
19650082242	A digest of data on extra-terrestrial radiation for the evaluation of hazards likely at high altitudes	1962
19650082243	Target-search capability of a human observer in high-speed flight	1962
19650082244	Flight tests to determine the coefficient of friction between an aircraft tyre and various wet runway surfaces. part 5 - trials on an asphalt surface at upper heyford	1962
19650082245	Flight tests to determine the coefficient of friction between an aircraft tyre and various wet runway surfaces. part 7- trials on a concrete runway at filton	1962
19650082246	Flight tests to determine the friction coefficient between an aircraft tyre and various wet runway surfaces. part 8- trials on a concrete runway at london airport /heathrow/	1962
19650082247	Manpower planning factors for air force space systems in the conceptual stages of development	1962
19650082248	[No Title]	1962
19650082253	The effect of high energy radiation on plastics and rubbers - part 4 - polycarbonate	1962
19650082254	The boundary layer drag of slender wings and bodies in supersonic flow	1962
19650082264	Discussion of two methods of studying the motion of a flexible missile <discussion de deux methodes d'etude du mouvement d'un missile flexible	1962
19650082265	Some methods for establishing interplanetary transfer orbits	1962
19650082267	Free-flight measurements of the zero-lift drag of a slender ogee wing at transonic and supersonic speeds	1962
19650082268	A digital voltage regulator using transistors	1962
19650082270	An extension of the method of generalised conical flows for lifting wings in supersonic flow	1962
19650082271	The automatic landing of aircraft independent- ly of the weather	1962
19650082272	A review of the refractory metals	1962
19650082273	Aerospace manufacturing techniques panel report no. 1	1962
19650082274	Department of defense program on materials research and development. volume i- summary reports of the steering committee and the review committees, 1961-1962	1962
19650082275	Rate measurements of gas-phase reactions of atomic oxygen with hydrocarbons	1962
19650082281	A linearized investigation of the effect of a wall boundary layer on the motion of a reflected shock	1962
19650082283	Rain erosion. part v- development of the artificial rainfield on the high speed track at p. & e. e. pendine	1962
19650082284	Reaction of bromine-containing phosphate esters with magnesium, lithium and n-butyl- lithium	1962
19650082285	The estimation of stresses around unreinforced holes in infinite elastic sheets	1962
19650082286	Measurement of lift and pitching moment on four ogee wings at supersonic speeds	1962
19650082287	Transonic similarity correlation of the terminal shock jump on aerofoils	1962
19650082288	A new friction and wear apparatus for the study of lubricants	1962
19650082289	Recent developments in the u. k. in flight instruments	1962
19650082290	A comparison of some monobaths with d.19 developer	1962
19650082291	A note on the generalisation of elastic curves representing parachute shapes	1962
19650082292	Some observations on the initiation and growth of fatigue cracks in an aluminum 7.5 percent zinc - 2.5 percent magnesium alloy	1962
19650082294	Factors effecting the design of a system for towing a body on a long length of wire	1962
19650082301	Thermal molecular pressure in tubes <thermischer molekulardruck in rohren<	1962
19650082302	A revision of the equilibrium equation of gases. thermal molecular flow <eine revision der gleichgewichtsbedingung der gase. thermische molekularstromung->	1962
19650082303	Effect of cathode region on dynamic properties of glow discharge in hydrogen	1962
19650082304	The influence of a strong high-frequency field on the stratification of the positive column of a dc glow discharge	1962
19650082305	Contribution to the study of fuel cells <contribution a l'etude des piles a combustibles<	1962
19650082306	Distribution of electrochemical transfer in power electrodes	1962
19650082308	Investigation of the composition of tektites. i- indochinites <issledovaniye sostava tektitov. i- indoshinity<	1962
19650082313	Measurements derived from deformations of six artifical clouds of alkali metals formed by rockets in the upper atmosphere mesures deduits des deformations de six nuages de metaux alcalins formes par fusees dans la haute atmosphere	1962
19650082314	Strength of glass as related to edge finish second quarterly progress report	1962
19650082315	The potential use of helicopters for the transportation of logs	1962
19650082318	The structure of pyrolytic carbon	1962
19650082320	Inflated mobile lifting systems	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082321	Improved formulae for determining upper- atmosphere density from the change in a satellite's orbital period	1962
19650082322	A wind-band transistor amplifier with a.g.c.	1962
19650082323	A photogrammetric method of determining the mode shapes of vibrating objects, and results for a thin wing	1962
19650082325	Slush drag measurements at wisley	1962
19650082328	The philosophy and engineering requirements for linking oxygen systems to the standard centralised warning system	1962
19650082329	Shock-expansion theory and simple wave perturbation	1962
19650082330	Proposals for an integrated wind tunnel- flight dynamics simulator system	1962
19650082334	A comparison of the fatigue strengths of steel tubes, to specifications t50 and t2, at a riveted joint between tube and end fitting	1962
19650082336	Thermal emissivities of some metallic and non-metallic surfaces over the range of temperature 70 deg c to 250 deg c	1962
19650082340	Further tests on representative structural components in i.c.i.314a titanium alloy	1962
19650082342	A study of a high pressure xenon discharge lamp as a background source for temperature measurements on a plasma jet by the line reversal method	1962
19650082350	The costing of high-thrust pump-fed-bi- propellant liquid rocket engines	1962
19650082364	Post-nova launch vehicle study. volume ii - cost analysis monthly progress report no. 4, 13 oct. - 12 nov. 1962	1962
19650082365	Some tests of 12-in. dia. model vtol ducted fans	1962
19650082367	The development of rig and instrumentation for testing 12-in. dia. model vtol ducted fans	1962
19650082370	Kinetics of thermal and photochemical decomposition of some alkali metal azides first semiannual technical report, 1 dec. 1961 - 31 may 1962	1962
19650082373	Radiation effects on microwave devices quarterly progress report, 1 apr. - 30 jun. 1962	1962
19650082389	Report of the AD HOC Working Group Fpr Spacecraft Power Subsystems	1962
19650082390	Agena launch base activities and suggested improvements	1962
19650082391	Civil and military airfields in the u.s. zi - physical, climatic, and facility data	1962
19650082395	Study of Spacecraft Bus for Lunar Logistics System. Volume IIC, Appendix A - Performance Specifications	1962
19650082420	Earth Lunar Transportation System - Lunar Propellant Storage. Volume I. Volume II - Supplement Final Technical Report, Dec. 1961 - May 1962	1962
19650082439	Launch vehicle size and cost analysis study phase ii. part ii - cost analysis. volume i - cost correlation analysis liquid propellant launch vehicles	1962
19650082440	Dsv-3b delta space vehicle, issue no. 1	1962
19650082442	Launch vehicle size and cost analysis study. phase iii. part ii - cost analysis. volume ii - cost and system evaluation	1962
19650082446	Effects of monochromatic light on the heterotrophic growth of chlorella vulgaris beij	1962
19650082460	Reusable Ground Launch Vehicle Study /50-ton to 100-ton Orbital Payload/ Final Report, Jul. - Dec. 1962	1962
19650082468	Study of Spacecraft Bus for Lunar Logistics System. Volume li, Part b - Technical Plan, Sections V-vii	1962
19650082474	Two-dimensional inviscid magnetohydrodynamic flow around thin bodies	1962
19650082475	Empire. a study of early manned interplanetary missions final report, may 26 - nov. 25, 1962	1962
19650082479	Reusable Ground Launch Vehicle Study /50-ton to 100-ton Orbital Payload/, Volume i Final Report, Jul. - Dec. 1962	1962
19650082492	Study of Large Launch Vehicles Using Solid First Stages. Volume i - Summary Final Report	1962
19650082498	Delta, Tيروس d Mission Orbit Error Analysis, Model No. Dm-19	1962
19650082502	A study of luminous-shock fronts in an electromagnetic shock tube	1962
19650082506	Investigation of the subsonic flutter characteristics of a highly swept arrow planform wing with and without simulated trailing-edge-mounted engine masses	1962
19650082508	Experimental physics in several west-german universities and institutes of technology	1962
19650082520	An experimental investigation of nose shape and reynolds number effects on induced pressures at a mach number of 24	1962
19650082521	Lightweight lunar roving vehicle /lrv/, type i, phase i progress report	1962
19650082522	Lunar logistics system study status report	1962
19650082526	A theory of space probe entry near the low-meteoric velocity limit	1962
19650082586	Range control during initial phases of supercircular reentries	1962
19650082601	Advanced Surveyor Orbiter /1800 Pounds/	1962
19650082605	Response to plasma heating of hypersonic flow fields around a blunt body twenty- first technical note	1962
19650082606	Review of requirements and performance of laboratory experiments in nuclear weapon induced chemiluminescent reactions final report	1962
19650082607	Special downrange data report - afmtc test no. 102 atlas missile 7f /august 13, 1962/	1962
19650082608	Re-entry radiation measurements - pmr nike-zeus no. 1 /all jazz/ final report	1962
19650082611	Strong shock radiation	1962
19650082612	Standardized Launch Vehicle Evaluation Study	1962
19650082616	Microwave heating of ionized gases behind a strong normal shock wave eighteenth technical note	1962
19650082618	Investigation and study of beam- plasma submillimeter generation final report, may 1961 - may 1962	1962
19650082619	Interaction between microwaves and ionized gas behind a normal shock wave sixteenth technical note	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082620	Data summary and trajectory report - afmct test no. 2080 titan missile no. n-6 research note 318	1962
19650082623	The reduction of mark 4 x-ray vulnerability	1962
19650082624	Mark 6 radiation signature technical report, 1 jul. 1961 - 30 jun. 1962	1962
19650082625	Advent program. completion of major phase report, 1 november 1960 - 30 june 1962	1962
19650082626	Compression scanning array techniques quarterly progress report no. 3, 13 mar - 13 jun. 1962	1962
19650082627	Wind, wind shear, and gust design criteria for vertically-rising vehicles as recommended on the basis of montgomery, ala., wind data	1962
19650082634	Current practices in space communication systems	1962
19650082635	[No Title]	1962
19650082638	Long life satellite reliability program	1962
19650082645	Rift program- preliminary assembly facility activation plan	1962
19650082647	Rift program- preliminary manufacturing development plan	1962
19650082649	Addendum to rift reliability program plan	1962
19650082654	Nimbus meteorological satellite integration and testing materials report no. 2	1962
19650082657	Eddy formation and decay on free stream boundaries final report, 1 jul. 1961 - 1 aug. 1962	1962
19650082661	Stanford microwave spectroheliograms for 1960 july	1962
19650082664	Special measurements group thermal instrumentation facilities	1962
19650082671	Radar-instrumentation development at lincoln laboratory under the bmrs program	1962
19650082672	Evaluation of damage to materials subjected to simulated x-ray effects final report	1962
19650082673	Data summary and trajectory report pmr test no. 157202 /first try/ nike-zeus test no. 2 /july 19, 1962/	1962
19650082679	An experimental correlation of the non- reactive properties of injection schemes and combustion effects in a liquid-propellant rocket engine. part viii - on the experimen- tal performance of the pentaborane-hydrazine propellant combination	1962
19650082680	Estimates of plasma attenuation of the 5500 mc beacon signal of cs-1ft	1962
19650082704	Feasibility demonstration of large segmented solid propellant rocket motor with dual tvc system	1962
19650082714	Nike zeus round zm-7 firing test report	1962
19650082715	Ablestar stage s/n-011. ten day launch report. preliminary flight test report of the anna-1	1962
19650082716	45-day report for flight test missile 410	1962
19650082717	Nike zeus round zm-10 firing test report	1962
19650082719	Signal analysis of radar returns from ballistic missiles final technical report	1962
19650082720	Nike zeus round zm-9 firing test report	1962
19650082721	Interference monitor feasibility study /phase 1/ technical note no. 1	1962
19650082723	Downrange data report, afmct test no. 120, titan missile no. n-2 /march 15, 1962/	1962
19650082724	Design and development of an integrator for an inertial altitude determination system monthly progress report, jun. 1962	1962
19650082725	Note on radar scattering from the wake	1962
19650082727	Space data management system for a manned space station technical description	1962
19650082733	[No Title]	1962
19650082734	Nike zeus round zm-11 firing test report	1962
19650082735	Shillelagh guided missile subsystem interim technical report no. 12, apr. - jun. 1962	1962
19650082736	Nike zeus round zm-8 firing test report	1962
19650082738	Gemini launch vehicle engine system program quarterly program progress report no. 2, 1 jul. - 30 sep. 1962	1962
19650082742	Penetration aids program, task ix. mark 4 mod 2 decoy program summary report	1962
19650082743	Mark 6 mod 2 decoy program detailed test plan for sounding rocket tests no. 2, no. 3, no. 4, and no. 5	1962
19650082746	RI10a-1 monthly reliability report for july 1962	1962
19650082747	RI10a-3 monthly reliability report for september 1962	1962
19650082757	Model no. ws-133a - minuteman missile ftm 405 flight test report	1962
19650082758	Design specification for relay, time delay, hermetically sealed	1962
19650082767	The effects of ionization on stagnation-point heat transfer in air and in nitrogen. flow- field analysis-rest program	1962
19650082773	Production engineering measure on micro- modules status report	1962
19650082779	Meteor-burst signal distributions final report	1962
19650082781	A program for planning the orbit of a photogrammetric or photographic reconnaissance satellite	1962
19650082790	Theoretical investigation of ion-rocket beam neutralization monthly technical progress report, 1-31 may 1962	1962
19650082811	Ejector Powered Recirculation Lift Systems for Air Cushion Vehicles	1962
19650082812	Transit oscillator stability measuring system	1962
19650082816	Weapon system 133a - a six-degree-of-freedom re-entry trajectory program for ballistic and lifting vehicles, program 967	1962
19650082818	Plastics bibliography	1962
19650082823	Qkw1011 - development of a pulsed x-band amplifier quarterly engineering report no. 3, apr. 1 - jul. 1, 1962	1962
19650082827	Airborne communication system first quarterly progress report, 15 jun. - 15 sep. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082828	Design and development of an integrator for an inertial altitude determination system monthly progress report, sep. 1962	1962
19650082829	Data Summary and Trajectory Report Atlas Missile 141-D (Long Lady)	1962
19650082830	Supplement to comprehensive list of microwave tubes	1962
19650082832	Reliability Estimate and Analysis for NASA Agena B Vehicles	1962
19650082833	Research, design, and demonstration of advanced components for large solid-propellant motors	1962
19650082834	RI10a-3 monthly reliability report for july 1962	1962
19650082835	WS 107C: Titan II	1962
19650082836	Program 698am impact probability study	1962
19650082839	Measurement of ablation with radiation the dominant mode of energy transfer	1962
19650082843	Monthly summarization of significant events and progress in the antimissile guided missile defense system monthly report for period ending 31 oct. 1962	1962
19650082844	Characteristics of sound generated during nike-zeus launchings	1962
19650082845	Atomic line radiation	1962
19650082846	Mission analysis and design study for a liquid-propellant propulsion system for a maneuvering satellite. volume 1 - mission analysis	1962
19650082851	Decoy characteristics monograph no. 14	1962
19650082857	Supplement to parametric design study of slender cone re-entry vehicles including payloads constraint	1962
19650082859	Feasibility demonstration of large segmented solid propellant rocket motor with dual tvc system program progress report no. 3, 1 - 28 feb. 1962	1962
19650082860	Feasibility demonstration of large segmented solid propellant rocket motor with dual tvc system program progress report no. 5, 1 - 30 apr. 1962	1962
19650082869	NASA/Agena-B Ranger Program, Launch Report for Atlas 133D/Agena-B 10205-6004 Ranger Spacecraft RA-4 AMR Range Test Number 821	1962
19650082871	Substantiation of the XB-70 Air Vehicle Drag	1962
19650082877	Aerobee attitude control system field instruction manual	1962
19650082880	Rift stage model specification outline	1962
19650082882	Electron devices research consolidated quarterly status report no. 20, 1 oct. - 31 dec. 1961	1962
19650082884	Photo-electric memories semiannual report	1962
19650082890	Unique sensors study program final report, mar. 1961 - may 1962	1962
19650082903	Ionizer-reservoir development studies monthly progress report, 1-30 sep. 1962	1962
19650082907	Vacuum test of black coatings for interior of coronagraph tube, s-17 orbiting solar observatory interim report	1962
19650082912	Simicor interim technical note	1962
19650082913	Research, design, and demonstration of advanced components for large solid-propellant motors detailed design manual	1962
19650082914	Parametric design study of slender cone re-entry vehicles including payload constraints	1962
19650082915	Estimates of plasma attenuation of a 240 mc signal radiated from cs-1ft	1962
19650082917	Operational reliability demonstration plan	1962
19650082919	X259 Development Program Final Report	1962
19650082920	An analysis of the effects of turbulence on damp radar returns	1962
19650082921	An investigation of launch phase structural design criteria for flight vehicles final report	1962
19650082925	Electron density distributions about the mark iv reentry body at alpha equals 10 deg	1962
19650082926	Feasibility studies for electromagnetic radiation weapon	1962
19650082928	Tumbling or wobbling of a free spinning body of revolution	1962
19650082936	An analysis of ultraviolet surveillance and reconnaissance techniques interim engineering report, 1 apr. - 30 jun. 1962	1962
19650082939	Initial design and development of a fluorine/ hydrazine propulsion system, bell aerosystems model 8181 program progress report, 7 aug. 1961 - 5 jan. 1962	1962
19650082940	Test plan for wing i quality assurance test program for operational minuteman stage iii ground level tests /bacchus, utah/. weapon system 133a, rocket motor m-57	1962
19650082943	Em induced damage mechanisms in materials quarterly report no. 1, apr. - jun. 1962	1962
19650082945	Bomber range performance at mach 2.3 and 3.0	1962
19660001953	Zero-g report "LH2 Boiling threshold	1962
19660007207	Chemical synthesis via the high intensity arc process	1962
19660010210	Determination of the emissivity of materials, Volume II Interim final report, Jul. 1, 1959 - Dec. 31, 1962	1962
19660016496	Short glossary of space terms	1962
19660020137	Spectral, electrophotometric, and radar researches of aurorae and airglow	1962
19660066695	Measurement of local cerebral blood flow by impedance changes, Appendix B	1962
19660067065	Gemini spacecraft time reference system	1962
19660067089	Quality assurance provisions /plan/ for Project Gemini space system	1962
19660067099	Gemini spacecraft post landing and survival specification	1962
19660067149	Investigations of carbides as cathodes for thermionic space reactors Fourth interim progress report, Mar. 1 - May 31, 1962	1962
19660067150	Representative earth-moon trajectories for direct and orbital approach of the lunar logistics vehicle	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067182	Project Gemini - Contractor furnished equipment Status report	1962
19660068205	Asymmetric buckling of shells of revolution with axisymmetric initial imperfections	1962
19660068337	Nova Design Study Review /U/	1962
19660068442	Solid Propellant Attitude and Velocity Control System Application Studies, Volume II /U/ Final Summary Report, 29 Jun. 1961 - 29 Aug. 1962	1962
19660068463	Solid Propellant Attitude and Velocity Control System, Volume I /U/	1962
19660068465	Design study, advanced orbiting solar observatory. Volume I - Design Final report	1962
19660068466	Design study, advanced orbiting solar observatory. Volume 2 - Technical appendices Final report	1962
19660068467	Design study, advanced orbiting solar observatory. Volume 3 - Program plan Final report	1962
19660068468	Design study, advanced orbiting solar observatory. Volume 4 - Specifications Final report	1962
19660068469	Ground support equipment design for operation in severe acoustic and vibration environments Engineering report no. 737, Apr. - Sep. 1962	1962
19660068482	Design study, advanced orbiting solar observatory. Summary Final report	1962
19660068895	Investigation of navigation in cislunar space Technical documentary report, Mar. - Sep. 1962	1962
19660069073	Orbital launch operations. Volume VII - Secondary power	1962
19660069076	Display and control consoles system for the Saturn ground computer system Monthly progress report no. 2, 1-31 Aug. 1962	1962
19660069399	Results of an investigation of the upwash around an inclined body of revolution for a Mach range of 0.30 to 4.62	1962
19660069452	Theoretical progress report	1962
19660069453	Thermal resistance due to irregularly stacked lattice planes	1962
19660069454	Bipolar electronic thermal conductivity in semi-metals	1962
19660069455	Experimental investigation of band structure of SnTe	1962
19660069497	Saturn S-II stage Fourth quarterly progress report, Oct. - Dec. 1962	1962
19660069502	Abort-sensing subsystem for the Saturn stage S-II	1962
19660069504	Acoustical environment study for NASA SATURN 110 computer system	1962
19660069576	Earth Lunar transportation system - Lunar propellant storage Final technical report, Dec. 1961 - May 1962	1962
19660069977	A Study of the Control and Dynamic Stability of the Saturn C-1 Configuration. Volume I - Study of an Adaptive Digital Compensation Control System Final Report	1962
19660069990	A Study of the Control and Dynamic Stability of the Saturn C-1 Configuration. Volume II - Study of an Adaptive Angle-of- Attack Control System Final Report	1962
19660070163	Rotational energy levels of asymmetric top molecules. Part II - Tables of reduced energies	1962
19660070219	Botulism by inhalation	1962
19660070297	Documentation list for Saturn stage S-II	1962
19660070370	Reliability program plan, Saturn S-1C	1962
19660070806	Research on new methods of separation of air into O2 and N2 components /U/ Quarterly progress report no. 3	1962
19660071013	Saturn S-II stage Monthly quality status report, 1-31 May 1962	1962
19660071217	Opplan 13-62, Project Syncom /A-25/ - Synchronous orbit communications spacecraft	1962
19660071427	Conceptual Design Study of 10 Ton Reusable Orbital Carrier. Volume 3 - Operational Implementation (U) Final Report	1962
19660071435	Saturn S-IVB Monthly Technical and Quarterly Report (U)	1962
19660072156	Saturn S-II structural design loads manual	1962
19660072192	M-1 Engine Inlet Line Investigation (U) Special Report, 15 Feb. - 6 Aug. 1962	1962
19660072261	S-II separation data manual	1962
19660072353	Reliability assessment of the TIROS SATELLITE, task IV	1962
19660072360	Nimbus meteorological satellite - Integration and testing, thermal analog analysis	1962
19660072390	Multiple-access satellite repeater configurations	1962
19660072452	Saturn stage S-II Second semiannual film report, 1 Apr. - 30 Sep. 1962	1962
19660072532	Saturn S-II qualification status list	1962
19660074413	Advanced hydrofoil craft weapons system study, phase 1 /U/	1962
19660074953	Computer techniques for synthesis of circuits with wide tolerance components	1962
19660075417	Surface roughness effects on nucleate boiling heat transfer rates	1962
19660075580	A study and investigation of manganese arsenide as a transducer material	1962
19660075910	Surface-to-air retrieval of heavy spacecraft by fixed-wing aircraft. Volume II - Development of analytical techniques, addendum I	1962
19660075982	RIFT environmental specification	1962
19660076023	Spectrum analysis of various modulation schemes to determine the most desirable modulation method for use in tracking of high-altitude satellites	1962
19660076669	Determination of internal pressure losses of Crow I ramjet motor and optimization of grain cross-sectional area	1962
19660076802	Fatigue cracks in F-27 wing tension skins subjected to random-load fatigue-tests Interim report	1962
19660076885	Relationship between absorption and luminescence spectra of complex molecules	1962
19660076887	Infrared-transmission glass	1962
19660076985	S-IVB Preliminary Design (U) Summary Report	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077065	Saturn S-IVB Monthly Technical Progress Report, Oct. 1962 (U)	1962
19660077082	S-IVB /U/ Quarterly technical review report	1962
19660077200	Honeycomb cylinder tests, model - DSV-4	1962
19660077804	Pressure pickup for use in air	1962
19660078270	Perturbation analyticity and axiomatic analyticity. I - Connection of Landau equations with Jost DANAD manifold	1962
19660078604	Pure fluid hydrofoil control program, part I Summary report	1962
19660078685	Environmental report on launch complex 34, SA-2 launch	1962
19660079633	Saturn Launch Study /On-Site Assembly/ (U) Final Report	1962
19660080083	A review of laboratory experiments on hypersonic wakes	1962
19660080284	Research and development of an open-cycle fuel cell system Monthly progress report no. 1, 1-31 May 1962	1962
19660080285	Research and development of an open-cycle fuel cell system Monthly progress report no. 2, 1-30 Jun. 1962	1962
19660080286	Research and development of an open-cycle fuel cell system Monthly progress report no. 3, 1-31 Jul. 1962	1962
19660080287	Research and development of an open-cycle fuel cell system Monthly progress report no. 4, 1-31 Aug. 1962	1962
19660080288	Research and development of an open-cycle fuel cell system Monthly progress report no. 5, 1-30 Sep. 1962	1962
19660080289	Research and development of an open-cycle fuel cell system Monthly progress report no. 6, 1-31 Oct. 1962	1962
19660080290	Research and development of an open-cycle fuel cell system Monthly progress report no. 7, 1-30 Nov. 1962	1962
19660080291	Research and development of an open-cycle fuel cell system Monthly progress report no. 8, 1-31 Dec. 1962	1962
19660080488	Application of results from Avco shock tube experiments on radiation in air to observed trajectories and radiation of meteors	1962
19660080542	Rocketdyne Quality Program Plan, Neosho Facility	1962
19660080822	Manned Lunar Landing Simulation	1962
19660080835	Gemini Launch Vehicle /Radio Guidance System Interface Specification	1962
19660080900	Spectral reflectivity of the earth's atmosphere ii - a congeries of absorption cross sections for wavelengths less than 3000 angstrom	1962
19660081123	Force tests on two mariner b entry capsule configurations in the supersonic and hypersonic wind tunnels	1962
19660081536	Surveyor sterilization. part iii - further compatibility studies of materials and components with ethylene oxide-freon 12 and heat	1962
19660081544	Theory and Experiments for the Role of Space-Charge in Plasma Acceleration	1962
19660081612	A Comparison of Solar Flare Incidence with Magnetic Transients Observed in the Nearby Interplanetary Region by Pioneer V	1962
19660081645	Criteria of the Post-Operative Cells, E-MAD Facility	1962
19660081973	Msfc automation plan	1962
19660082254	Why Internal Insulation for the Saturn S-IV Liquid Hydrogen Tank	1962
19660082351	Satellite battery. preliminary evaluation of design possibilities laboratory report no. 1	1962
19660082479	Very high accuracy frequency measurements	1962
19660082480	The trajectory simulation programs of the physical science laboratory of new mexico state university	1962
19660082545	Zero-g report - liquid behavior scaling	1962
19660082546	Zero-g report - liquid/liquid models	1962
19660082946	Spectral Scanning as a Mechanism of Color Perception	1962
19660083182	Errors in orbital predictions for meteorological and geodetic satellite	1962
19660083389	National Aeronautics and Space Administration S-IV B Static Test Facilities	1962
19660083447	Theory of the liquid state and the physical interpretation of hudleston's equation	1962
19660083464	Development of auxiliary electric power supply system progress report, nov. 1962	1962
19660083465	Development of Auxiliary Electric Power Supply System Progress Report, Sep. 1962	1962
19660083517	Repair of cracked resistance spotwelds for liquid hydrogen application	1962
19660083732	Equation of state of matter at supernuclear density	1962
19660083963	Advanced syncom monthly progress report, oct. 1962	1962
19660083964	Advanced syncom monthly progress report, nov. 1962	1962
19660083965	Advanced syncom monthly progress report, sep. 1962	1962
19660084174	Advanced syncom monthly progress report	1962
19660084236	Development of auxiliary electric power supply system progress report, aug. 1962	1962
19660084499	A one megajoule arc discharge shock tube as a chemical kinetics research facility	1962
19660084730	Minimization of Time for the Double-Impulse Solar Probe Mission	1962
19660084731	Motion of a Space Vehicle with a Small, Constant Thrust Vector	1962
19660085724	Consummatory Behavior in Rats Maintained A-periodically	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660086081	Investigation of the Coupling of Liquid with Container Structure Semiannual Status Report, 16 Dec. 1965 - 15 Jun. 1966	1962
19660086471	A rapid method for determining free and esterified cholesterol in plasma extracts	1962
19660086475	Anisotropic oxygen polarizability and the lorentz correction in batio3	1962
19660086809	Ranger a3, a4, and a5 - spacecraft design specification	1962
19660086811	Ranger a3, a4, and a5 - spacecraft design specification	1962
19660086932	The velocity of shear fracture	1962
19660087308	Statement of work for studies of aeros systems problems	1962
19660087608	Systems design of unmanned nuclear-powered mars vehicles starting from orbit about earth	1962
19660087846	Design and development of silver-cadmium storage batteries final report, 1 jul. 1961 - 30 jun. 1962	1962
19660088181	Electrolytic production of oxygen and reduction of carbon dioxide fourth quarterly status report, 1 jul. - 30 sep. 1962	1962
19660088474	T58 sand and dust test	1962
19660088482	Adsorption-desorption cycling effects on molecular sieves for c02 removal	1962
19660088487	Optical maser research final report, 15 jul. 1961 - 14 jul. 1962	1962
19660088488	Optical master research quarterly report, 15 apr. - 15 jul. 1962	1962
19660088497	Investigation and development of a sun-powered laser transmitter final report	1962
19660088517	Two-body interaction in free molecule flow	1962
19660088524	Direct use of solar energy for communication. part ii- construction and test of experi- mental equipment final report	1962
19660088527	Optical-maser and coherent-plasma studies final report	1962
19660088535	Study of aero space early warning and control systems. volume viii- a lens system to improve the resolution at infinity of a small, plane wave source	1962
19660088537	Study of aero space early warning and control systems. volume vi- theoretical considerations of laser radiation- a quantum mechanical description of stimulated emission within a multimode cavity	1962
19660088563	Aerial observer effectiveness and nap-of-the- earth /project trace/	1962
19660088572	[No Title]	1962
19660088573	Rocket plume radiation and radiation suppression semiannual documentary report	1962
19660088580	Investigation of Very High W/C(sub D)A Re-Entry Vehicle Heat Protection System Requirements	1962
19660088584	Deleted record	1962
19660088586	Static postfailure behavior of the wing structures of the b-47, b-52, bear, and badger aircraft final report	1962
19660088587	Solid propellant rocket motors designed to exhaust at 90 degrees to the centerline of the motor program progress report no. 10, 16 oct. - 15 nov. 1962	1962
19660088591	Supply of high-energy solid propellant materials quarterly report, 1 jul. - 30 sep. 1962	1962
19660088592	Trouble and failure summary for nasa, may 1 - may 31, 1962	1962
19660088593	N10 discrete power switch redesign to achieve flight safety	1962
19660088596	Research on passive ranging techniques	1962
19660088603	Optical monitoring data summary report, amr test 102	1962
19660088605	Final report, 1 july 1960 - 28 february 1962	1962
19660088617	Development of advanced nozzle designs for large solid propellant rocket motors monthly progress report no. 5, jul. 15 - aug. 15, 1962	1962
19660088620	Communication satellite project advent reliability measurement no. 1	1962
19660088624	Hypersonic wake characteristics	1962
19660088627	Design study of actuation and control system for large booster steering motors monthly report, 20 mar. - 19 apr. 1962	1962
19660088637	Booster Transportation Study	1962
19660088638	Wind tunnel test report. sm-68b 6 percent scale model supersonic pressure test and scoop flow study	1962
19660088679	Flight test plan for re-entry vehicle cs- 1ft radar cross-section reduction program	1962
19660088680	Design and development of an integrator for an inertial altitude determination system monthly progress report, aug. 1962	1962
19660088682	Research, design, and demonstration of advanced components for large solid-propellant motors third monthly program report, 1-28 feb. 1962	1962
19660088683	Design and development of an integrator for an inertial altitude determination system monthly progress report, jul. 1962	1962
19660088687	NASA Agena Engineering Analysis Report - Subsystem C and C for Vehicles 6101 and 6102	1962
19660088690	Large scale rocket program, phase ii ninth program progress report, aug. 1962	1962
19660088691	An assessment of enemy missile capabilities by optical measurements	1962
19660088694	Synthesis and development of high-energy liquid fuels final report	1962
19660088698	Experimental and analytical investigations of crossed field plasma accelerators monthly technical progress report, 1-31 aug. 1962	1962
19660088699	Acoustic surveillance analysis techniques	1962
19660088700	Effect of cross winds on longe-range sound propagation	1962
19660088710	Thermal decomposition of teflon in a helium atmosphere	1962
19660088721	Airborne flight termination system, tracking and associated radio frequency systems data for range safety planning /pnr/	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088723	Elimination of the icbm tankage as a radar target	1962
19660088727	A suggestion for the suppression of transition by mhd	1962
19660088729	Hipernas II Inertial Guidance System	1962
19660088741	The dynamics of a centrifugal shock absorber	1962
19660088773	Rift ground support equipment model specification outline	1962
19660088780	Saturn S-II Stage 502 Measurement List	1962
19660088785	Design heating data - minuteman - staging heating	1962
19660088809	Investigation of vocal quality and articulation improvements of a speech bandwidth compression system	1962
19660088819	Statistical calculation of strength of fibreglas roving based on strength of individual filaments	1962
19660088826	Rotational energy levels of asymmetric top molecules. part i - discussion of the theory	1962
19660088830	Boron hydrides and derivatives an indexed bibliography of unclassified titles for 1952 - 1959	1962
19660088841	Organic semiconductor study	1962
19660088847	Black knight reentry measurements final report, 1960 - 1961	1962
19660088851	NASA Monthly Program Progress Report, March 1962	1962
19660088853	Project firefly. volume iv- appendix	1962
19660088854	Nike-zeus round zm-12 firing test report	1962
19660088859	Trouble and Failure Summary for Nasa Summary Report, 1 - 31 Jan. 1962	1962
19660088861	Research and development of metal hydride organic nitrogen complexes quarterly progress report, dec. 15, 1961 - mar. 15, 1962	1962
19660088862	Ultraviolet spectral radiance of large liquid propellant rocket engine exhaust plumes final report, 15 mar. 1961 - 15 mar. 1962	1962
19660088863	Radar cross section measurements at the general dynamics radar range research report, 10 jul. - 29 jul. 1962	1962
19660088864	A survey of wake infrared radiation	1962
19660088866	Pacific missile range ships tracking study, phase 2. volume 1, sections 1, 2 and 3 final report	1962
19660088870	Mercury/Atlas 113D /Ma-8/ Impact Probability Study	1962
19660088871	Hyperthermal research tunnel development and transport property measurements final summary report	1962
19660088890	First international conference on vacuum ultraviolet radiation physics program and abstracts of papers	1962
19660088893	Radiative and non-radiative transitions in rubies	1962
19660088908	Re-entry analysis and modeling of target characteristics /ramtac/, volume 1 summary report	1962
19660088910	Project Gemini Monthly Progress Letter Report, 26 Feb. - 25 Mar. 1962	1962
19660088912	Trajectories for possible soviet mars shots, 1962	1962
19660088916	Flight evaluation of missile p-326	1962
19660088925	Magnetogasdynamic Rocket for Space Propulsion First Quarterly Progress Report, 9 Nov. 1962 - 8 Feb. 1963	1962
19660088942	Compatibility of materials with high temperature potassium final progress report, 18 apr. 1960 - 31 dec. 1961	1962
19660088957	Preliminary model specification for saturn stage-ii ground equipment	1962
19660088965	Target identification and evaluation techniques	1962
19660088991	An investigation of the ultraviolet radiation from flames and rocket exhausts technical documentary report, 15 jun. 1961 - 14 aug. 1962	1962
19660088992	Experimental investigation of the hypersonic characteristics of a series of basic lifting shapes	1962
19660088996	Requirements for and capabilities of a next- generation nato strike fighter	1962
19660089000	Advanced re-entry vehicles program and penetration downrange measurements program /trap/ quarterly report, 1 jul. - 30 sep. 1962	1962
19660089003	Aicbm potentialities of an existing russian radar	1962
19660089004	Air-launched boosters for single-pass reconnaissance-satellite operations	1962
19660089006	Some spectral radiance measurements of a statically fired titan ii, second stage rocket engine	1962
19660089010	Power spectral density analysis of digitalized uhf radar data from atlantic missile range test 409 memorandum report no. 3	1962
19660089011	Detailed flight test plan- mark 6 mod 2 decoy /amr/ atlas missile 134f	1962
19660089013	Development of flare rr-96 /xy-1/ al- infrared countermeasure rocket flare final report, 26 sep. 1960 - 1 sep. 1962	1962
19660089016	Theoretical study on material destruction	1962
19660089017	Image orithicon coverage of amr 102, atlas 7f final report	1962
19660089020	A description of an airborne meteor radar research system	1962
19660089024	Feasibility of a hollow-cathode negative-grid tube for vhf-uhf applications quarterly progress report, 1 jul. - 30 sep. 1962	1962
19660089046	Aerospace propulsion program summary report for 1962 progress report no. 2, 16 may - 30 sep. 1962	1962
19660089048	An application of techniques for optimized measurement of power spectra	1962
19660089049	Environmental control systems selection for manned space vehicles. volume ii- appendix i- missions, vehicles, and equipment	1962
19660089050	Research studies on very low frequency antenna techniques final report	1962
19660089052	Chaff radar reflectors as a potential penetration aid for icbm weapon systems	1962
19660089055	Symposium on advanced inertial components and systems	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089056	Optical monitoring data summary report - jim dandy i	1962
19660089057	Research on advanced physical approaches to electromagnetic window design. part ii - investigation of thermal stress in ogival radomes final report	1962
19660089059	Plume modulation data reduction and measurements	1962
19660089061	Preliminary aerodynamic characteristics of the low radar cross-section flight test vehicle	1962
19660089062	Electric head control system design approach employing feedback of the pitch autopilot angular accelerometer	1962
19660089064	Investigation of psi compensation for the electric head with xi-guidance	1962
19660089065	Research on advanced physical approaches to electromagnetic window design. part iii - aerothermodynamic considerations of electromagnetic window installations on hypersonic vehicles final report	1962
19660089067	Compression scanning array techniques /cosar/ quarterly progress report no. 5, 13 sep. - 13 dec. 1962	1962
19660089068	Precision altimeter techniques study /pats/ interim engineering report no. 2, 1 oct. - 31 dec. 1962	1962
19660089069	Design and development of an integrator for an inertial altitude determination system monthly progress report, oct. 1962	1962
19660089070	Data Summary and Trajectory Report, AFMTC Test No. 103, Atlas Missile No. 8F (Septmeber 18, 1962)	1962
19660089071	Aerodynamic Force and Moment Test Results of a 2 Percent 624A (Titan III) Fin Development Wind Tunnel Model at Mach Numbers from 0.6 to 4.65	1962
19660089072	Ehf technology and applications	1962
19660089073	Low frequency data reduction services final report	1962
19660089074	Study of satellite-borne hf radar final report	1962
19660089076	Experimental and analytical investigations of cross-field plasma accelerators fifth monthly technical progress report, 1-30 sep. 1962	1962
19660089077	Mark 6, mod 2 decoy /task 1.2 - advanced decoys for blunt re-entry vehicles - rest program/ quarterly progress report, 1 jul. - 30 sep. 1962	1962
19660089080	Flight test report, minuteman missile ftm 421a	1962
19660089081	Radar cross section measurements of cs-3q2 at the general dynamics radar range, 13 september - 1 october 1962	1962
19660089083	Aerospaceplane thermal protection system development quarterly progress report no. 1, 1 jul. - 1 oct. 1962	1962
19660089087	WS 107C: Titan II Design Data Book	1962
19660089090	Effect of radar interference on bt-3a performance final report	1962
19660089091	Compensation for stability of the head-aero loop using sampled epsilon guidance	1962
19660089093	Hybrid tvc systems monthly letter report no. 4, 16 jan. - 16 feb. 1962	1962
19660089095	Cs-1ft measuring system transmission analysis - telemetry and radar	1962
19660089107	Compensation for stability of the head-aero loop using continuous epsilon guidance	1962
19660089108	Forces due to firing misalignments	1962
19660089114	Aerospaceplane concept study	1962
19660089115	Model xaam-n-11 guided missile system tfx/n/. part i- problem definition system engineering analysis report	1962
19660089118	Orbital operations plan. supplement 1 - spacecraft command data 823 program	1962
19660089119	Dynamics analysis of the pitch-depitch spin system of orientation and stabilization for the penetration aids reentry vehicle	1962
19660089122	Experimental and analytical investigations of crossed field plasma accelerators progress report, 1 - 30 jun. 1962	1962
19660089132	Flight evaluation of pershing 327	1962
19660089133	Flight evaluation of pershing 334	1962
19660089214	A transistorized pseudo-random noise generator	1962
19660089216	A range safety system for missiles with toxic propellants	1962
19660089220	Damp mk-4 nosecone terminal phase measurements	1962
19660089222	Filter wheel measurement program final report	1962
19660089227	Advanced re-entry programs semiannual report, volume i, 1 jul. - 30 nov. 1962	1962
19660089230	Techniques, volume 15 final report	1962
19660089234	Heat conducting outer wake of slender bodies	1962
19660089235	Applications of power spectral density analysis to the interpretation of radar re-entry data	1962
19660089236	Detailed inviscid and viscous shock flow calculations about the mark iv vehicle	1962
19660089237	Effects of body geometry on the observables from wakes of hypervelocity vehicles of identical drag area /cda/	1962
19660089238	Flight evaluation of pershing 335	1962
19660089240	Emergency detection and escape initiation system. part iii - hazard and flight data for liquid and solid propellant boosters	1962
19660089273	Some considerations of wake turbulence motivated by the electromagnetic scattering problem research memorandum	1962
19660089285	Wind resistance of conifers	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089301	The Joint Evaluation of Honeywell Mgo Heat Transfer Media for Pebble-bed Heaters by the Honeywell Research Center and Nasa Ames Research Center, Moffett Field, California	1962
19660089303	Studies Basic to Closed Minimum Volume Biological Waste Utilization Units	1962
19660089323	Proceedings of the nato-sadtc symposium on technical and military applications of laser techniques	1962
19660089327	Specifications and deviations for the saturn s-ic system	1962
19660089329	Sound ranging for the rocket - grenade experiment quarterly progress report no. 2, apr. - jun. 1961	1962
19660089351	Arpa re-entry vehicle instrumentation /phase ii/ program plan. implementation into the mk 6 re-entry vehicle program	1962
19660089365	Technical note on four-dimensional radar resolution	1962
19660089368	Research program plan re-entry environment and systems technology /rest/ technical operating report, 1 jul. 1962 - 30 jun. 1963 /u/	1962
19660089382	An analytical study of regenerative gas turbine cycles for aircraft propulsion based primarily on the method of influence coefficients	1962
19660089388	Project relay system requirements- relay i system	1962
19660089398	Supporting research projects progress report, jan. 1 - jul. 1, 1962	1962
19660089400	Preliminary reliability assessment for the orbiting geophysical observatories	1962
19660089406	The pure-tone, speech and impulse-noise attenuating properties of selectone-k and v51r ear plugs	1962
19660089420	National aeronautics and space administration s-iv b static test facilities. volume i - preliminary design technical requirements	1962
19660089423	Data submittal document for saturn s-ii stage	1962
19660089454	Independent research and development programs for defense technical brochure, 1962	1962
19660089489	High resolution hemispherical coverage antenna techniques "hicat" interim technical note, 1 jan. - 31 mar. 1962	1962
19660089492	Preliminary equilibrium considerations about ablation products from a phenolic resin type re-entry vehicle	1962
19660089493	Preliminary feasibility study of a modified lenticular-shaped vehicle as an arpat lofter	1962
19660089495	Advanced frequency modulation radar techniques final report, 8 apr. 1960 - 8 oct. 1962	1962
19660089496	High power antenna design technical note no. 12	1962
19660089499	High resolution hemispherical coverage antenna techniques "hicat" interim technical note, 1 jul. - 30 sep. 1962	1962
19660089500	Afmtc test no. 73 atlas missile 16f /november 7, 1962/ data summary and trajectory report	1962
19660089501	Compression scanning array techniques /cosar/ quarterly progress report no. 4, 13 jun. - 13 sep. 1962	1962
19660089502	Damp program plan 1962	1962
19660089503	Flight test plan program 435 appendices b and c	1962
19660089513	Detailed tabulation of final trajectory	1962
19660089515	Research and development of airborne interceptor correlation techniques first quarterly report, jul. - dec. 1962	1962
19660089518	Investigation of the effects of advanced aircraft design upon the ems concept	1962
19660089520	An analysis of ultraviolet surveillance and reconnaissance techniques interim engineering report no. 2, 1 jul. - 30 sep. 1962	1962
19660089552	Development of organic sealants for applications at very low temperatures second quarterly report, 1 oct. 1961 - 1 jan. 1962	1962
19660089569	Pacific missile range ships tracking study, phase 2. volume 2 - analyses of subsystems and techniques final report	1962
19660089572	A simplified method of comparing the performance of booster powerplants for aerospace vehicles	1962
19660089580	Re-entry analysis and modeling of target characteristics /ramtac/, volume ii summary report	1962
19660089581	Investigation of feasibility of utilizing available heat resistant materials for hypersonic leading edge applications. volume ix - applicability to future systems technical report, jul. 1958 - nov. 1960	1962
19660089590	Survey of very far wake effects	1962
19660089591	Thermostructural analysis of the mark 5 heat shield using reliability as a design criterion	1962
19660089598	Recoverable orbital launch systems concepts	1962
19660089600	Design of propellant gas valves project progress report, sep. 1-30, 1962	1962
19660089601	Iria annotated bibliography of infrared literature, volume v, number 4 /cumulative/	1962
19660089605	Boost phase countermeasures feasibility studies interim report	1962
19660089607	Radar signature dependence upon polarization and dielectric materials	1962
19660089609	Precision altimeter techniques study /pats/ interim engineering report no. 1, 1 jul. - 10 sep. 1962	1962
19660089611	Flight test evaluation report missile 121d	1962
19660089615	Electro-optical techniques study interim engineering report no. 1, 1 may - 31 jul. 1962	1962
19660089620	Dm-21 space research vehicle	1962
19660089623	Performance of a three-stage arc heated light gas gun	1962
19660089624	Theoretical study of hydromagnetic stability and turbulence semiannual technical report, 1 jul. - 31 dec. 1962	1962
19660089628	Power sources for directed energy weapons quarterly report no. 5	1962
19660089629	Research and development on long-range detection techniques for interception vehicles interim engineering report no. 4, 1 feb. - 30 apr. 1962	1962
19660089634	Electro-optical techniques study interim engineering report no. 2, 1 aug. - 31 oct. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089635	Inertial guidance test symposium proceedings, volume ii	1962
19660089636	Prediction of Liquid Propellant Vehicle Reliability	1962
19660089648	C-band, wideband solid state amplifier fourth quarterly technical note, 15 mar. - 15 jun. 1962	1962
19660089652	Development of organic sealants for applications at very low temperatures quarterly report no. 5, 1 sep. - 30 nov. 1962	1962
19660089653	Development of organic sealants for applications at very low temperatures third quarterly report, 1 jan. - 1 apr. 1962	1962
19660089679	Predicting the performance of band 7 communication systems using electronic computers	1962
19660089689	Study of the oxygen electrode mechanism first semiannual report, 10 jan. - 10 jul. 1962	1962
19660089695	Mercury Reliability Diagrams, One Day Mission	1962
19660089712	H-1 informal progress report no. 16, dec. 1962	1962
19660089720	Trouble and failure summary for nasa summary report no. 3, 1-31 mar. 1962	1962
19660089722	Design of decoys for advanced re-entry vehicles. task 1.1 - advanced penetration systems and design studies - rest program	1962
19660089739	Residual stresses in steel weldments summary report, 15 may 1961 - 31 jul. 1962	1962
19660089744	Tube socket evaluation brass versus beryllium copper contact material	1962
19660089746	Crystal unit - environment	1962
19660089754	An analysis of ultraviolet surveillance and reconnaissance techniques interim engineering report no. 3, 1 oct. - 31 dec. 1962	1962
19660089763	Status and government support of infrared and optical maser work	1962
19660089767	Supplement to operational transit preliminary range safety study	1962
19660089777	Preliminary J-2 Rocket Engine Hydraulic System Specification	1962
19660089778	Engine actuation subsystem for saturn stage s-ii	1962
19660089779	S-ii environmental data, volume ii	1962
19660089782	Theoretical low energy neutron cross sections of hydrogen final report, 27 jun. 1961 - 26 aug. 1962	1962
19660089797	H-1 Informal Technical Progress Report No. 13, September 1962	1962
19660089811	H-1 Program Informal Monthly Technical Progress Report No. 14, Oct. 1962	1962
19660089812	H-1 engine, summary of development progress report no. 11, aug. - oct. 1962	1962
19660089836	Manned Orbital Space Station - Oral Presentation	1962
19660089842	H-1 fifteenth informal technical progress report, nov. 1962	1962
19660089846	[No Title]	1962
19660089847	Evaluation of the rca modified diphas transmission system final report	1962
19660089855	Analysis of 13 mn and 12 mn bmw element card operating life test results after 13000 hours of operation	1962
19660089860	In649 silicon diode qualification tests, appendix a	1962
19660089903	Criteria for laminar flow in the throats of rocket exhaust nozzles	1962
19660089930	System package program for titan iii /program 624a/, volume i	1962
19660089939	On the parametric design and performance of a double prandtl-meyer expansion supersonic nozzle	1962
19660089974	Minuteman weapon system, ws-133b quarterly technical progress report, jul. - 31 aug. 1962	1962
19660089986	High performance gel propellants	1962
19660089987	Development of fire-chem finish for shield fabric seventh quarterly report, 5 jan. - 4 apr. 1962	1962
19660090001	Saturn stage s-ii flight control subsystem	1962
19660090011	Tungsten lamp shock test interim report	1962
19660090013	Third technical progress report, 1 january - 31 march 1962	1962
19660090019	Uf6 as a power source and working fluid component for gas turbines	1962
19660090035	A uni-receptor theory of color perception	1962
19660090050	Feed System Stability Rating Program Final Report	1962
19660090062	Ion augmentation flight test program performance predictions, phase i	1962
19660090135	Flight evaluation of missile p-338	1962
19660090136	Nike-zeus target vehicle and miss-distance indicator. advanced study program final summary report	1962
19660090137	Blue Apollo Initial Progress Report	1962
19660090146	Surveyor Spacecraft System Bimonthly Progress Summary, Dec. 1961 - Feb. 1962	1962
19660090149	S-ii dual plane separation study	1962
19660090151	Calculated weight and balance status report, saturn stage s-ii, issue 5 fifth monthly report, oct. 1 - nov. 1, 1962	1962
19660090161	Optical guidance feasibility study second quarterly report, aug. 1 - nov. 1, 1962	1962
19660090170	State-of-the-art Survey of Fluid Film Bearings Quarterly Progress Report, 1 Jan. - 31 Mar. 1966	1962
19660090175	Saturn s-ii structural design criteria	1962
19660090185	Maintainability prediction - theoretical basis and practical approach	1962
19660090198	Liquid hydrogen mass flowmeter development interim progress report, 15 apr. - 31 may 1962	1962
19660090205	Disposition of comments on system data documents	1962
19660090229	Modular Space Station Evolving from Gemini. Volume I - Technical Proposal	1962
19660090231	Surveyor Spacecraft System Quarterly Technical Status Review	1962
19660090253	Saturn stage s-ii, flight control subsystem	1962
19660090323	Comparison of carbon dioxide removal methods	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090327	Manned test of amd space vehicle environment simulator	1962
19660090332	Project development plan. orbiting astronomical observatories - revision 1	1962
19660090380	Effects of hypervelocity particle impact on composite materials for expandable structures applications	1962
19660090381	Satellite communications terminals, volume iii, part ii final report	1962
19660090382	Satellite communications terminals, volume iii, part iii final report	1962
19660090388	Research on diffusion of hydrogen through palladium quarterly progress report, jan. - apr. 1962	1962
19660090407	Research and Development of Propellant Feed Systems for Electrothermal Engines Fifth Monthly Progress Report, Aug. 1-31, 1962	1962
19660090447	Investigation of mid-course recognition techniques final report	1962
19660090547	Engineering, fabrication, and related services in support of development activities in connection with the saturn program	1962
19660090556	Evaluation and performance comparison of the j79-ge-8 core afterburning engine and the j79-ge-2 sector afterburning engine	1962
19660090557	J52-p-6 engine. sea level transient performance	1962
19660090561	Little joe ii algol propulsion system second monthly progress report, aug. 1962	1962
19660090565	A method for correlating and predicting turbojet engine altitude windmill starts	1962
19660090572	Msfc manned space flight program status for december 18, 1962 management council meeting	1962
19660090583	Study of a Gas Discharge Cesium Ion Source Monthly Progress Report, 1-31 Aug. 1962	1962
19660090585	Plasma gun development monthly progress report, period ending 15 dec. 1962	1962
19660090589	Little joe ii algol propulsion system first monthly progress report, jul. 1962	1962
19660090591	Little joe ii algol propulsion system fourth monthly progress report, oct. 1962	1962
19660090592	Little joe ii algol propulsion system fifth monthly progress report, nov. 1962	1962
19660090594	Little joe ii algol propulsion system third monthly progress report, sep. 1962	1962
19660090601	Mechanism of plastic reinforcement final report	1962
19660090603	Satellite communications terminals. volume ii - installation details final report	1962
19660090611	Wide angle electronic scanning antennas independent research study reports	1962
19660090613	Research on ballistic missile defense phenomenology, part one semiannual technical summary report, 1 oct. 1961 - 28 feb. 1962	1962
19660090615	Proceedings, symposium on materials information retrieval	1962
19660090625	Satellite communications terminals. volume iii - compliance report, part i final report	1962
19660090652	The role of hybrid propulsion for weapon systems	1962
19660090694	Analogues of yuma terrain in the south central asian desert	1962
19660090710	Minutes of eleventh conference, prevention of microbiological deterioration of military materiel	1962
19660090719	Preliminary design report for fine attitude control system	1962
19660090754	Rocket-engine systems for evasive satellites and satellite interceptors. volume ii - mission analysis final report, 16 jun. - 15 dec. 1961	1962
19660090796	A theoretical performance investigation of an afterburning turbofan engine	1962
19660090804	Investigations of the possibility of nuclear driven laser systems final report	1962
19660090831	Mark 6 radiation signature, 1 july 1961 - 30 june 1962	1962
19660090846	An analysis of a transistorized aircraft voltage regulator	1962
19660090864	The total resolution of dl-aspartic acid, dl-glutamic acid, dl-asparagine and dl- glutamine by preferential crystallization	1962
19660090885	Hydrogen venting and disposal	1962
19660090922	Centaur zero "g" vent system, gd/a part no. 55-80021-3, spec. no. 55-08129 design proof test report	1962
19660090942	Design of propellant gas valves progress report, 1 jul. - 31 jul. 1962	1962
19660090943	Design of propellant gas valves progress report	1962
19660090953	Zero "g" separator assembly individual acceptance test report	1962
19660090957	Report of test on in649 silicon diode - qualification tests and original test data	1962
19660091024	Mercury/Atlas Launch Vehicle Program for Nasa Project Mercury Progress Report, 30 Jun. - 31 Jul. 1962	1962
19660091025	Atlas Launch Vehicle Program for Nasa Project Mercury Combined Monthly Progress Report, 1 Dec. 1961 - 28 Feb. 1962	1962
19660091032	Paraglider program familiarization briefing for nasa/msc team	1962
19660091034	Flight test no. 2, phase ii, part a - paraglider development program	1962
19660091048	The effects of chemical kinetics on the transpiration cooling of hypersonic ramjet	1962
19660091049	Plasma oscillations in a low pressure neon discharge	1962
19660091065	Aerobeas astrobeas advanced design studies	1962
19660091075	Model 151b - asset vehicle tests on the 20 per cent scale model in the mcdonnell polysonic wind tunnel, series i, ii, iii, and iv	1962
19660091078	Investigation of Recovered Fragments from Atlas 109-D Booster - Supplemental Information	1962
19660091079	Investigation of Recovered Fragments from Atlas 109-D Booster	1962
19660091080	Investigation of Atlas Fragments Recovered in Brazil	1962
19660091082	Model 151b - asset vehicle tests on the 20 per cent scale model in the mcdonnell polysonic wind tunnel, series i, ii, iii and iv	1962
19660091083	Model 151b - asset vehicle tests on the 20 per cent scale model in the mcdonnell polysonic wind tunnel, series i, ii, iii, and iv	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091084	The application of motor input voltage feedback in control system compensation	1962
19660091085	Model 151b - asset vehicle tests on the 20 per cent scale model in the mcdonnell polysonic wind tunnel, series i, ii, iii, and iv	1962
19660091088	Paraglider development program emergency parachute recovery tests, full-scale test no. 3	1962
19660091089	Paraglider Development Program Emergency Parachute Recovery Tests, Full-scale Test No. 4	1962
19660091097	Attenuation of traveling acoustic shock waves in tubes	1962
19660091098	Astrogeologic studies semiannual progress report, 26 feb. - 24 aug. 1961	1962
19660091109	Dither self adaptive system performance and closed loop response criterion	1962
19660091113	A pneumatic infrared mosaic detector	1962
19660091123	Addendum i. - analysis of data derived from wind-tunnel tests of the half-scale gemini paraglider/capsule flight test vehicle in the ames 40- by 80-foot wind tunnel	1962
19660091126	Investigation and application of reverberation measurements in water	1962
19660091130	Prompt gamma-ray signals from slabs and spheres	1962
19660091144	A simulator investigation of a self-adaptive pitch damper for a high performance fighter aircraft	1962
19660091145	A thermodynamic relation for elastic solids	1962
19660091150	Display systems report bibliography	1962
19660091169	Rocket-generated mechanical waves in the ionosphere	1962
19660091177	Evaluation of the effects of the more stringent range safety criterion on the success of the tiros e payload mission	1962
19660091185	Structural analysis of the 0.045-scale apollo heat transfer model /h-2/	1962
19660091208	Critical speeds of a rotating system with flexible, damped supports	1962
19660091209	Investigation of radiofrequency mixing in a helium magnetometer	1962
19660091212	The design and measurement of a microwave mode transducer	1962
19660091215	Theoretical investigations of the properties of oblique detonation waves	1962
19660091219	Frequency response investigation of a second order servo with backlash	1962
19660091222	An integrated display and control system for man-machine communication	1962
19660091224	Asset vehicle tests on the 20 percent scale model in the mcdonnell polysonic wind tunnel, series i, ii, iii, and iv	1962
19660091232	Investigation of the characteristics of the surface-potential controlled transistor	1962
19660091235	The application of describing function theory to ramp inputs and dissymmetric nonlinearities	1962
19660091237	Measurement of neutron activated short-lived nuclides using a pneumatic transfer system	1962
19660091241	Measurement and analysis of ignition interference - 150 kc to 10 kmc	1962
19660091242	Acceleration of an unbalanced rotor through its critical speeds	1962
19660091244	Asset vehicle tests on the 20 percent scale model in the mcdonnell polysonic wind tunnel, model 151b	1962
19660091246	Mercury/Atlas Launch Vehicle Program for NASA Project Mercury	1962
19660091268	The kinetics of the oxidation of iodine by dichromate ions in acid solution	1962
19660091274	Individual Acceptance Test Report for the Centaur Zero G Vent System	1962
19660091276	Energy of activation of the decomposition of cellulose nitrate by an effusion process	1962
19660091279	A theoretical study of complementary binary code sequences and a computer search for new kernels	1962
19660091280	A digital computer solution of the falkner and skan boundary layer equation	1962
19660091281	Formulation and solution of matrix games without utility functions	1962
19660091282	An empirical relationship between the deacon profile number and the richardson number under convective conditions	1962
19660091283	Mixtures of distributions	1962
19660091285	The Extension of Semiconductor Detectors to Low Energy Particle Detection	1962
19660091292	Preliminary Study of Wideband Communication System Performance	1962
19660091296	Spatial correlation for surface noise which has a flat spectrum over a finite bandwidth	1962
19660091306	Asset vehicle tests on the 20 percent scale model in the mcdonnell polysonic wind tunnel	1962
19660091313	A microwave bridge for the accurate measurement of scattering matrices generated by obstacles in multimode waveguides	1962
19660091314	A method of predicting the performance of axial flow turbines using a digital computer to develop performance maps	1962
19660091338	Random number generation on the cdc 1604	1962
19660091340	The oh stretching bands of alcohols in non-polar solvents	1962
19660091352	Eigenvector geometry of third order linear phase trajectories	1962
19660091378	Moving striations in an argon glow discharge	1962
19660091381	Human engineering - a report bibliography	1962
19660091383	Aerobee 150a payloads final report	1962
19660091410	A comparison of geostrophic relative vorticity at 500 mb using harmonic analysis of the height field with its square grid computation	1962
19660091431	Design and construction of a steady state plasma study facility	1962
19660091468	RI10a-1 monthly reliability report for october 1962	1962
19660091483	Research on transfer mechanisms final report	1962
19660091507	RI10a-3 monthly reliability report for october 1962	1962
19660091579	A study of the damping characteristics of honeycomb sandwich construction	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091580	The infrared spectrum of h2o in non-polar solvents	1962
19660091587	Elastic columns under half-sine pulse loading	1962
19660091591	Absolute and relative spectral line intensity measurements in a plasma shock tube	1962
19660091594	Determination of the elastic constants of benzene	1962
19660091603	Resonant radiation effects on moving striations in an argon glow discharge	1962
19660091605	Preliminary experimental analysis of 16.2 bev/c pi- interactions in emulsion	1962
19660091606	Test of type c-11 parachute canopies containing secondary internal parachutes final report	1962
19660091609	A friction and wear study of carbon in sliding contact with metal	1962
19660091611	Gain of the magnetic amplifier	1962
19660091612	Generation of extremely high peak power optical pulsations from ruby utilizing the pulsed-reflector mode	1962
19660091613	Digital analysis of the delay-lock discriminator	1962
19660091624	Convective heat transfer and flow friction characteristics of compact heat exchanger surfaces	1962
19660091625	Saturn s-ii facility checkout stage s-ii-f measurement list	1962
19660091637	Thermoelastic analysis of thick composite hemispherical shells having anisotropic, temperature-dependent properties and subject to axisymmetric pressure and temperature loading	1962
19660091641	Theoretical and experimental investigation of the fundamentals of thermoplastic recording	1962
19660091642	Temper brittleness related to faulting	1962
19660091659	Radio systems division quarterly progress report no. 5, july - september 1962	1962
19660091660	Radio systems division quarterly progress report no. 6, october - december 1962	1962
19660091678	S-ii/s-ivb electrical interface definition	1962
19660091682	Trip report - location criterion for s-ivb facilities at sacramento	1962
19660091709	Titan missile m-5 propulsion system extended data report	1962
19660091744	A spectroscopic investigation of an argon glow discharge	1962
19660091778	Dyna-soar step iia planning and analysis. system package program for dyna-soar step iia	1962
19660091780	Saturn C-5. Preliminary Study of Lift-off Motion	1962
19660091781	Flight test evaluation report	1962
19660091789	Component identification and configuration evaluation report for atlas space boosters	1962
19660091829	Forced oscillations in nonlinear feedback control system	1962
19660091889	Transistorized variable duty cycle d. c. voltage regulator	1962
19660091960	The effect of x-rays on the membrane permeability of human erythrocytes	1962
19660091987	Aerospace photographic reconnaissance experiments /natural atmospheric turbulence/ interim engineering report no. 1, 15 nov. 1961 - 31 mar. 1962	1962
19660091988	A 10 kc pulsed ruby laser pump modulator	1962
19660091990	Cosmic radiation and solar particles at aircraft altitudes	1962
19660091993	Rapid approximation of servomechanism frequency response	1962
19660092014	Error analysis of ua guidance concept technical documentary report, sep. 1960 - feb. 1962	1962
19660092032	Digital pulse coding final report extension	1962
19660092052	Design and development of a high-energy upper-stage propulsion system, bell model 8181. volume i - propulsion system designs part, final report	1962
19660092094	Feasibility study of a continuous flow magnetogasdynamic rocket for space propulsion monthly letter progress report, 9 feb. - 8 mar. 1962	1962
19660092095	Feasibility study of a continuous flow magnetogasdynamic rocket for space propulsion monthly letter progress report, 9 jan. - 8 jul. 1962	1962
19660092096	Feasibility study of a continuous flow magnetogasdynamic rocket for space propulsion monthly letter progress report, 9 may - 8 jun. 1962	1962
19660092111	The pressure dependence of the solid state reaction between magnesium and teflon	1962
19660092141	Titan Missile M-7 Propulsion System Extended Data Report	1962
19660092142	Titan Missile M-6 Propulsion System Extended Data Report	1962
19660092244	A convergent procedure for solving the thermo-chemical equilibrium problem /aerophysics project-rest program/	1962
19660092268	Theoretical investigations of the properties of oblique detonation waves. appendices g, h, and i	1962
19660092284	High performance reliable vlf component of the naval advanced communications system. volume ii, part 3 - vlf transmitting antennas,	1962
19660092333	Infrared scattering by silicon crystals	1962
19660092390	Monthly progress report no. 4	1962
19660092587	Dyna-soar step i semimonthly technical progress report, 1-15 jan. 1962	1962
19660092678	Weight and Balance Requirements, Procedure for Final Report	1962
19660092824	Weapon system 107a-2. titan ii missile n-6 flight test report final report	1962
19660092835	Design study of a large unconventional liquid propellant rocket engine and vehicle fourth final informal monthly progress report, 1-31 jan. 1962	1962
19660092836	Study of problems associated with the clustering of very large solid-propellant motors fourth monthly progress report, 1-31 aug. 1962	1962
19660092837	Design study of a large unconventional liquid propellant rocket engine and vehicle third informal monthly progress report, 1-31 dec. 1961	1962
19660092843	Failure warning system for large solid rockets periodic progress report, 4 nov. - 15 dec. 1961	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092924	Design and development of improved watertight coaxial cable. volume ii - appendix final development report, 29 jun. 1962 - 30 mar. 1964	1962
19660092944	Naval research area - rr 007, materials sciences annual rdt and e program report, 1962	1962
19660092946	Exploratory development area - rf 012, aircraft and aircraft support annual rdt and e report, 1962	1962
19660092949	Electrons in disordered structures - a conference report	1962
19660092952	Global search and recovery - a feasibility study of computer simulation final report	1962
19660092953	Exploratory development areas - rf 002, navigation, rf 003 environmental surveillance, rf 007, data processing, rf 099, program-wide management and support annual rdt and e program report, 1962	1962
19660092962	Naval research area - rr 011 general science annual rdt and e program report	1962
19660092967	New and improved materials for expandable structures progress report no. 4, 1 nov. 1961 - 1 aug. 1962	1962
19660093128	Mercury/Atlas Launch Vehicle Program for Nasa Project Mercury Progress Report, 30 Apr. - 31 May 1962	1962
19660093130	Program 698aa phase iii final report	1962
19660093133	Saturn monthly technical progress and quarterly report	1962
19660093135	Recommended applied research and advanced technology programs for liquid propellant rocket technology. volume 1 - summary. revision a	1962
19660093179	Design features of the xb-70 airframe and propulsion system	1962
19660093183	The x-20 /dyna-soar/	1962
19660093189	Aerodynamic and performance analyses of a superorbital reentry vehicle	1962
19660093190	Prediction of hypersonic aerodynamic characteristics for lifting vehicles	1962
19660093259	Development of flight model for electrothermal propulsion systems twenty-first monthly progress letter report, 1-30 sep. 1962	1962
19660093263	Development of flight model for electrothermal propulsion system nineteenth monthly progress letter report, 1-31 jul. 1962	1962
19660093265	Development of flight model for electrothermal propulsion system monthly progress letter reports, 1 apr. - 30 jun. 1962	1962
19660093266	Propulsion requirements for soft landing in extraterrestrial environments informal monthly progress report, 10 may - 10 jun. 1962	1962
19660093272	Development of flight model for electrothermal propulsion systems twentieth monthly progress letter report, 1-31 aug. 1962	1962
19660093323	Noise survey of the cc-106 aircraft	1962
19660093347	Program 698 bj-86 plan	1962
19660093357	Payload Feasibility Study for the Centaur Vehicle Task Ii Final Report	1962
19660093430	Propellant State-Of-The-Art	1962
19660093488	Nasa 396 inch diameter aluminum bulkhead - phase i - design, phase ii - tool fabrication, phase iii - gore segment fabrication progress report no. 1, period ending 31 aug. 1962	1962
19660093489	Nasa 396 inch diameter aluminum bulkhead - phase i - design, phase ii - tool fabrication, phase iii - gore segment fabrication progress report no. 2, period ending 30 sep. 1962	1962
19660093490	Nasa 396 inch diameter aluminum bulkhead - phase i - design, phase ii - tool fabrication, phase iii - gore segment fabrication progress report no 3, period ending 31 oct. 1962	1962
19660093491	Nasa 396 inch diameter aluminum bulkhead - phase i - design, phase ii - tool fabrication, phase iii - gore segment fabrication progress report no. 4, period ending 30 nov. 1962	1962
19660093494	Nasa 396 inch diameter aluminum bulkhead - manufacturing plan	1962
19660093498	F-1 engine system monthly progress letter, period ending 31 may 1962	1962
19660093500	F-1 engine system monthly progress letter, period ending 30 sep. 1962	1962
19660093501	F-1 engine system monthly progress letter, period ending 30 apr. 1962	1962
19660093514	F-1 engine system monthly progress letter, period ending 31 aug. 1962	1962
19660093517	F-1 engine system monthly progress letter, period ending 30 jun. 1962	1962
19660093528	Design, Fabrication, and Delivery of Liquid Hydrogen Cooled Nozzles for Kiwi-b Reactor Program	1962
19660093536	Mark 6, mod 2 decoy quarterly progress report, 1 jul. - 30 sep. 1962	1962
19660093537	Subsystem c solar photovoltaic power supply specification /239a program/	1962
19660093560	Fundamental study of adaptive control systems final report	1962
19660093567	Ryan model 520 radar altimeter interim report no. 16, 1 nov. - 1 dec. 1962	1962
19660093655	Mark 6 mod 2 decoy detailed test plan for sounding-rocket tests /task 1.2 - advanced decoys for blunt re-entry vehicles - rest program/	1962
19660093693	Polytetrafluoroethylene /teflon/ molded and extruded parts, sheets, rods, tubing final report	1962
19660093776	Weight documentation form completion, space vehicle, procedure for final report	1962
19660093907	Flight test no. 4, phase ii, part a, paraglider development program	1962
19660093922	Results of the february irradiation test at narf	1962
19660093937	Glass surface chemistry for glass fiber reinforced plastics progress report, aug. 1-31, 1962	1962
19660094161	Part ii - cost analysis. launch vehicle size and cost analysis study, phase iii. volume i. cost correlation analysis liquid propellant launch vehicles	1962
19660094163	Digital to analog pulser system for testing pulse height analyzers	1962
19660094165	Research and development of materials for saturn heat shield curtains quarterly progress report, 1 jul. - 1 oct. 1962	1962
19660094215	Nerva Engine Development Program and Associated Tasks, Volume I Summary Report	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670000875	Quantum mechanical calculation of charge exchange probability during collisions	1962
19670006763	A comparison of ocular counterrolling movements between normal persons and deaf subjects with bilateral labyrinthine defects	1962
19670022551	Surveyor sterilization. Part IV - Studies of sterilization techniques	1962
19670022673	Spanwise loadings and aerodynamic characteristics for a series of trailing- edge controls on a 40 deg sweptback wing at Mach numbers of 1.61 and 2.01	1962
19670022686	Static Longitudinal Aerodynamic Characteristics at a Mach Number of 10.03 of Low-Aspect-Ratio Wing-Body Configurations Suitable for Reentry	1962
19670022690	Investigation of the low-subsonic aerodynamic characteristics of a model of a modified lenticular reentry configuration	1962
19670023224	Wind-tunnel investigation at Mach numbers from 1.60 to 2.86 of the static aerodynamic characteristics of a supersonic transport configuration with variable-sweep wings employing a double inboard pivot	1962
19670067192	Study of spacecraft bus for lunar logistics system. Volume III - Development and test plan	1962
19670068056	Design of an automatic multi-processing system	1962
19670068946	Saturn SA-3 Technical Information Handbook, Volume I /U/	1962
19670068947	Saturn SA-3 Technical Information Handbook, Volume II /U/	1962
19670068948	Saturn SA-4 Technical Information Handbook, Volume I /U/	1962
19670068950	Saturn SA-4 Vehicle Data Book /U/	1962
19670071607	Diode, millimeter wave type mixer /3.2 mm/ Quarterly report, 1 Apr. - 30 Jun. 1966	1962
19670074261	On a solution of M. S. Molodenskiy's integral equation for the determination of the form of the topographical earth surface	1962
19670079496	Research of a bipropellant plasmajet device Summary report	1962
19670080996	Lunar flight study series. volume 2 - earth - moon transit study based on ephemeris data and using best available computer program. part 2 - return flight to earth from lunar orbit	1962
19670081019	Monthly progress report	1962
19670081228	Perceptual-Motor Factors in the Remote Control of a Lunar Vehicle. Phase 1 - the Effects of Communication Time Delay on Steering Performance as a Function of Vehicle Speed and Course Complexity	1962
19670081316	Space navigation	1962
19670081406	Development of Cathodic Means for Cleaning Metals for Welding Final Report, 1 Apr. - 10 Oct. 1962	1962
19670081407	Project relay - quality control procedures and flow charts	1962
19670082526	A survey of the european space program	1962
19670083329	S-16 satellite data processing plan	1962
19670084086	Determination of emissivity of materials quarterly progress report, 1 jul. - 30 sep. 1962	1962
19670084228	Correlation of Radiation Types with Radiation Effects	1962
19670085694	Radar enhancement techniques final report	1962
19670085767	The use of a coaxial gun for plasma propulsion final report	1962
19670085918	First Status Report	1962
19670086006	Lunar Logistics System	1962
19670086080	Random excitation of cylindrical shells due to jet noise	1962
19670086504	Project Mercury Landing Parachute Development and Qualification	1962
19670086649	Transient pressure measuring methods research - an analytical and experimental study of the response of a small chamber to forced pressure oscillations	1962
19670087743	Metallic equations of state for hypervelocity impact	1962
19670087773	Nerva engine development program and associated tasks, volume i	1962
19670087774	Nerva engine development program and associated tasks volume ii	1962
19670087775	Nerva Program. Volume i - Summary Final Report, 10 Jul. 1961 - 10 Jan. 1962	1962
19670087776	Nerva program. volume iii - support systems and functions final report, 10 jul. 1961 - 10 jan. 1962	1962
19670087777	Nerva Program. Volume Iv - Development Program Support Final Report, 10 Jul. 1961 - 10 Jan. 1962	1962
19670087778	Nerva Program. Volume v - Program Plan Final Report, 10 Jul. 1961 - 10 Jan. 1962	1962
19670087789	Radar echoes from ships final report	1962
19670087797	Wall pressure correlations in turbulent pipe flow	1962
19670087841	Evaluation study - filters modified series j. relay	1962
19670087922	Navy -model - f4h-1f aircraft	1962
19670087964	Development of personnel protective systems for space flight and exploration missions fourteenth monthly engineering report, 18 jun. - 17 jul. 1962	1962
19670087990	Utility operation and service instructions, selector unit type 102 /1517224/	1962
19670088022	F-1 engine system monthly progress letter, 28 feb. - 31 mar. 1962	1962
19670088050	Acoustic noise program, phase i final report, feb. - dec. 1962	1962
19670088144	Explorer vi definitive orbit final report	1962
19670088178	Recorder programmer type tvc /1333500/	1962
19670088227	Automatic card tester part no. 1516933. utility technical manual operating and checkout instructions	1962
19670088249	Basic operations in general matrix algebra, rea-111-9370	1962
19670088321	Militar systems cost analysis /a summary lecture for the afsc cost analysis course/	1962
19670088325	Neutron transmission versus thickness for some common materials	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088453	An experimental and theoretical study of the effect of service variables on the dynamic stability of airplane nose landing gear shimmy	1962
19670088505	A method of estimating the production cost of conventional high-power radar equipment	1962
19670088507	Detailed Test Objectives for Delta Launch Vehicle S/n 316/2023/3023 Spacecraft - Tsx-1	1962
19670088520	Titan ii predicted weight statement	1962
19670088654	Investigation of ionosphere-induced error in a doppler system	1962
19670088674	Nasa vgh recorder installation instructions	1962
19670088692	Nrds-nerva Nuclear Rocket Engine Auxiliary Static Test Facility Study	1962
19670088694	Engine pressure switch removal feasibility program final report	1962
19670088728	A preliminary investigation into threshold behavior of periodic shock waves in resonating gas columns	1962
19670088797	Acceptance test. capacitor, fixed, plastic film	1962
19670088982	Cleanliness of Components for Use in Oxygen, Fuel and Pneumatic Systems	1962
19670089019	Radiological safety handbook	1962
19670089021	Performance sharing in dual-mode monitoring	1962
19670089162	Apollo support program. Phase I - Apollo terminology standards Final study report	1962
19670089184	Apollo life systems design criteria handbook. Volume I - Spacecraft	1962
19670089239	Detail guide technical manual, spacecraft systems checkout /Apollo/	1962
19670089258	Apollo life systems design criteria handbook. Volume II - Ground support	1962
19670089624	Ws 107c titan ii design data book - volume ii	1962
19670089625	Snap-8 configuration study and space frame preliminary design monthly progress report	1962
19670089684	Saturn s-ii stage monthly status report, sep. 1-30, 1962	1962
19670089686	Electrode development for 30 kw electrothermal arc jet engine quarterly report, feb. - apr. 1962	1962
19670089708	Seventeen in and 12 in prevalves monthly progress report, 1 nov. - 1 dec. 1962	1962
19670089717	Seventeen in and 12 in prevalves monthly progress report, 1 sep. - 1 oct. 1962	1962
19670089725	Apollo Support Plan	1962
19670089785	Propellant fill coupling development test	1962
19670089787	Qualification test propellant chiller	1962
19670089788	Inertial reference package /irp/ checkout console. part no. 1530688. operation and service manual	1962
19670089844	Mariner c spacecraft/s-01a interface preliminary design study	1962
19670089847	Thermal control system analysis for high altitude photographic experiments	1962
19670089901	Agema "d" propellant tank flight bending static test	1962
19670089907	Saturn SA-5 Vehicle Data Book /preliminary/	1962
19670089986	Flight test plan program 435	1962
19670089997	Post flight analysis	1962
19670089998	Program 698bj-16 propulsion system engineering analysis report	1962
19670090115	Nasa /echo/ Dm-21/agema B/spacecraft System Test Objectives /vafb Complex 75-1, Pad 1/	1962
19670090142	Propellant Gas Injection System Project Progress Report, 1-30 Sep. 1962	1962
19670090164	Palc ii qualification test, taylor 3-way pilot valve	1962
19670090177	A study of shock impingements on boundary layers at mach 16	1962
19670090199	Thermal contacts simplified theory and rules for calculations	1962
19670090210	Redundancy data analysis final technical report	1962
19670090215	Methods of purification of metals and intermetallic compounds summary technical report, 15 jun. 1960 - 14 may 1961	1962
19670090218	Measurement of reactivity by frj-1 /merlin/ reaktivitaetsmessungen beim frj-1 merlin	1962
19670090237	Reliability program plan	1962
19670090241	Vibration of pipe line containing flowing fluid	1962
19670090320	Some observations on the interface between plasma-sprayed tungsten and 1020 steel	1962
19670090342	The effects of combined environments on ptfе	1962
19670090366	Project scanner /horizon definition research/	1962
19670090410	High-pressure air filtration final report	1962
19670090421	Equations of motion of a tractor rocket- a crude first attempt	1962
19670090460	Payload performance study, lunar logistics system final report	1962
19670090468	Signal-to-noise analysis of the its-doppler system	1962
19670090477	The effects of trailing edge geometry and chord length on the early wake of stationary flat plates	1962
19670090484	V/stol hovering handling qualities - what the pilot wants and why	1962
19670090489	Study of friction and wear in high vacuum	1962
19670090493	Flight report for vehicle 301/2017/3017 delta program - mission no. 8 s-16 /oso-1/ payload	1962
19670090521	Estimation of impulse response - a filtering viewpoint	1962
19670090549	Intakes for hypersonic ramjets	1962
19670090587	Effects of reactor radiation on the engineering properties of elastomers and plastics	1962
19670090591	Minimum velocity increment solution for two- impulse coplanar orbital transfer	1962
19670090620	Joint army-navy-air force panel on liquid propellant test methods. ninth meeting, redstone arsenal, huntsville, alabama, 15, 16 march 1962	1962
19670090658	Joint army-navy-air force panel on liquid propellant test methods. tenth meeting, edwards air force base, california, 19, 20 june 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090712	Spectral radiance and emissivity of plasma and temperature determination	1962
19670090752	Environmental evaluation of 20 push-button switches	1962
19670090753	High speed life test evaluation of one miniature snap action switch	1962
19670090759	Environmental evaluation of seven printed circuit rotary switches	1962
19670090764	A human factors bibliography on display, communication, controller workload, aircrew activity, and man-machine relationships	1962
19670090768	A multiple regression program	1962
19670090817	High resolution radar data processing and display investigations interim engineering report, 26 jun. - 26 sep. 1962	1962
19670090856	Advanced aerospace propulsion program	1962
19670090875	Reusable launch-space system /aerospaceplane/ status report	1962
19670090968	Application of monte carlo techniques in reliability evaluation	1962
19670090974	Ws 107b bibliography of research and development reports volume iv, 1961 thru 1962 status report	1962
19670090979	High frequency digital communication system quarterly progress report	1962
19670090981	Fuel cell catalysts quarterly report, 1 jul. 30 sep. 1962	1962
19670090991	Snap-50 space powerplant	1962
19670091016	Feasibility of a self-manuevering unit for orbital maintenance workers final report, apr. 1961 - feb. 1962	1962
19670091105	Centaur monthly letter progress report	1962
19670091174	Environmental evaluation of 20 neon type press-to-test indicator assemblies	1962
19670091176	Environmental evaluation of twenty magnetic, dry reed switches	1962
19670091187	Lunar landing module alighting gear	1962
19670091197	Diagnosticians in automated processes	1962
19670091214	Autosate part ii - event-chain flow charting	1962
19670091215	Generalized combinational switching theory final report	1962
19670091220	Soviet literature on life support systems. a - biosciences	1962
19670091243	A compiler building system developed by brooker and morris	1962
19670091275	Design and construction of a fast neutron spectrometer using solid state detectors	1962
19670091276	Lunar Capsule System Studies. Facsimile and Accelerometer Systems Integration Study, Part 1 Final Report	1962
19670091277	Electron injection laser quarterly progress report, 1 sep. - 30 nov. 1962	1962
19670091310	Applications of thin film transistors to digital correlation techniques final report, 1 may - 31 dec. 1962	1962
19670091311	Engineering program statement - lunar excursion module rocket engine system	1962
19670091314	On the detection of a randomly-distorted signal in gaussian noise	1962
19670091316	Transporter, liquid, rolling-wheel-type - 1,000-gallon, yt-6 /rlt/ final report	1962
19670091317	Transistors, general specification for	1962
19670091327	Optimum speech signal mapping techniques final report	1962
19670091330	Difair, an adjustable digital filter	1962
19670091376	Environmental evaluation of twenty lever action switches	1962
19670091472	Non-destructive test data on the italian group "b" specimens of the a.g.a.r.d. program	1962
19670091517	Component acceptance testing and storage final specification	1962
19670091540	An evaluation of speech compression systems	1962
19670091542	Development of telegraph terminal th-22/xc-3/ /tg final report, 1 mar. - nov. 1962	1962
19670091582	Master program plan lunar surface photo- reconnaissance capsule /lspc/. volume i - facsimile and accelerometer systems integration study final report	1962
19670091705	Reliability assessment handbook	1962
19670091758	Dyna soar communications and tracking subsystem program progress report, 1 jan. - 31 mar. 1962	1962
19670091759	Bumblebee propulsion panel, minutes of the 29th meeting	1962
19670091770	Low volume ramjet	1962
19670091789	Saturn monthly technical progress report for february, 1962	1962
19670091921	Radiation theory	1962
19670091947	Rcaf anthropometrical survey based on probability sample of 314 pilots and 290 navigators stratified by trade and command 1961-1962. percentile distributions, means and standard deviations estimated for all rcaf pilots and all rcaf navigators	1962
19670091954	Torques and attitude sensing in spin- stabilized synchronous satellites	1962
19670091995	Study of early manned interplanetary missions /empire/	1962
19670091998	The decision theory approach to complex experimentation	1962
19670092056	Parametric Performance of Supersonic Combustion Ramjets	1962
19670092134	Review of the earth signal for the nimbus attitude sensing system	1962
19670092251	Temperature gradients and profile changes in long tubular elements due to incident radiation	1962
19670092286	Evaluation of coated refractory metal foils quarterly progress report, 1 jul. - 30 sep. 1962	1962
19670092477	Aec-nasa space nuclear propulsion office project nerva informal monthly progress letter no. 7, 1 - 31 jan. 1962	1962
19670092478	Aec-nasa space nuclear propulsion office nerva project informal monthly progress letter no. 8, 1 - 28 feb. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092479	Aec-nasa space nuclear propulsion office project nerva informal monthly progress letter no. 10, for period apr. 1962	1962
19670092480	Aec-nasa space nuclear propulsion office project nerva informal monthly progress letter no. 11, for period may 1962	1962
19670092481	Aec-nasa space nuclear propulsion office for project nerva informal monthly progress letter no. 12, jun. 1962	1962
19670092482	Aec-nasa space nuclear propulsion office for project nerva informal monthly progress letter no. 13, jul. 1962	1962
19670092484	Aec-nasa space nuclear propulsion office for nerva program informal monthly progress letter no. 15, sep. 1962	1962
19670092485	Aec-nasa space nuclear propulsion office for nerva program informal monthly progress letter no. 16, oct. 1962	1962
19670092486	Aec-nasa space nuclear propulsion office for nerva program informal monthly progress letter no. 18, dec. 1962	1962
19670092687	Investigation of solid-state displays quarterly progress report, 15 dec. 1960 - 14 mar. 1961	1962
19670093036	Master program plan lunar surface measurement capsule /surmec/. volume i - facsimile and accelerometer systems integration study, part 3 final report	1962
19670093074	Hi-rel spec. capacitor fixed, polyethylene, terephthalade dielectric, dc, hermetically sealed in metallic cases	1962
19670093126	Thermal analysis of three re-entry vehicles	1962
19670093151	Hot cycle rotor system fabrication effort	1962
19670093196	Development of microelement inductors - program extension i - micro-module production program formal engineering report	1962
19670093336	Design and development of 3000 deg f temperature-transducer system final report	1962
19670093399	X-y matrix display final report	1962
19670093428	C.v.d. project rp4-12 d.c. electroluminescent image converter and/or intensifier annual report	1962
19670093429	Radioisotopes in radiation processed foods, september 16, 1961 - march 15, 1962	1962
19670093440	Angular segmentation method	1962
19670093530	Hot cycle rotor system. volume iii - hub and control system structural analysis	1962
19670093593	Flash blindness protection, eye patch, retinal burns protection	1962
19670093659	Experimental studies of pulse fading correlation bandwidth of high-frequency signals propagated through auroral regions	1962
19670093693	Development of a gas generator for a solid fuel turbogenerator power supply	1962
19670093704	Environmental requirements and qualification test procedure for components, final specification	1962
19670093710	Hot cycle rotor system rotor dynamics	1962
19670093745	Thirty-kilowatt plasmajet rocket-engine development second year development program first quarterly progress report, 15 may - 15 aug. 1962	1962
19670093758	Supersonic transport propulsion program	1962
19670093759	Component development program for the commercial supersonic transport quarterly progress report, 4 jun. - sep. 1962	1962
19670093760	Component development program for the commercial supersonic transport, volume i quarterly progress report, 5 dec. 1962 - 4 mar. 1963	1962
19670093817	Axial-shear vibrations of star shaped bars - an application of conformal transformation	1962
19670093825	The input impedance of a thin biconical antenna immersed in a dissipative and an ionized medium	1962
19670093826	Detection station optimization - i	1962
19670093887	Supersonic transport propulsion system study final technical report, period ending 25 jan. 1962	1962
19670093888	Computation of parametric engine performance, appendix a final report	1962
19670093889	Estimated performance and installation data for a turbojet engine model stj 172, appendix c	1962
19670093890	Estimated performance and installation data for a duct heater turbofan engine model stf 164c, appendix d	1962
19670093891	Estimated performance and installation data for a duct heater turbofan engine model stf 164d, appendix e	1962
19670093933	Equipment procurement specification fuel management system xb-70 air vehicle	1962
19670094067	Hf/uhf - pop-up antenna, interface data /figure a 1368-1426/	1962
19670094072	Conversion of heat to electrical power by means of a charged aerosol final report, oct. 1 - dec. 31, 1961	1962
19670094219	Minuteman full scale interstage i-ii skirt removal feasibility tests /ewa 3536/ final report	1962
19670094367	Metallurgical variables affecting fracture toughness in high-strength sheet alloys progress report, 15 mar. - 15 jun. 1962	1962
19670094372	Factors which control solar flare-induced ionospheric height changes as observed with vlf radio waves over long paths	1962
19670094458	Third review of selected aspects of the anip program	1962
19670094810	Hot cycle design and development program technical summary report	1962
19670094825	Evaluation of high temperature potting compounds for model b-70 airplane	1962
19670094974	High humidity evaluation, electrical surge arresters	1962
19670094975	Component procurement specification for instrument panel vibrator xb-70 air vehicle	1962
19670094977	Modulated electron beam diagnostics in plasmas final report	1962
19670095105	Development of a rocket motor propellant charge and igniter and gas generator propellant for the shillelagh missile system progress report, 21 may - 20 jun. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095106	Development of a rocket motor propellant charge and igniter and gas generator propellant for the shillelagh missile system progress report, 21 jul. - 20 aug. 1962	1962
19670095150	Development of a rocket motor propellant charge and igniter and gas generator propellant for the shillelagh missile system progress report, 21 sep. - 31 oct. 1962	1962
19670095157	Aerodynamic stability characteristics of a minuteman missile with a finned cylindrical skirt	1962
19670095158	Staging gas dynamics - w5133b minuteman	1962
19670095166	The b-70's new structural design concepts for mach 3 temperatures	1962
19670095184	Report of observations for wisconsin alumni research foundation, madison, wisconsin	1962
19670095194	Program for calculating a predicted radar trajectory	1962
19670095196	S-17 orbiting solar observatory experimenter's manual	1962
19670095232	Calcium in sweat and its possible relation to calcium requirements	1962
19670095249	Lunar Logistics System Navigation and Guidance	1962
19670095298	Evaluation of the vrc gem, summary and miscellaneous comments	1962
19670095304	Determination of the bending strength and stiffness of glass fibre reinforced plastics	1962
19670095312	A method for calculating the radiation amplitude and polarization of small horn antennas	1962
19670095317	Effects of dust ingestion on gas turbine performance and endurance final report	1962
19670095338	Hydrocarbon fuel cell research	1962
19670095374	Hydrocarbon fuel cell program technical summary report, 6 nov. 1961 - 31 mar. 1967	1962
19670095376	Material - adhesives - high temperature resistant investigation of test report, 1 feb. - 1 dec. 1956	1962
19670095396	Flight test no. 4. phase ii, part a - paraglider development program	1962
19670095416	Toughness and fatigue tests of jones and laughlin extra hard stainless steel strip	1962
19670095431	Analysis of weights of vrc gem	1962
19670095434	Metabolism and nutrition - subtask radiation and sterilization of foods report of observations	1962
19670095447	Discussion of design water loads for vrc gem	1962
19670095504	A simple reflex sensor, a description and trial use	1962
19670095513	Geometrical quality of lunar mapping by photogrammetric methods	1962
19670095514	Some relations between the geometrical quality of topographic mapping aerial photogrammetry	1962
19670095516	Determination of the geometrical quality of comparators for image coordinate measurements	1962
19670095517	Practical tests of the theoretical accuracy of aerial triangulation	1962
19670095518	Tests of basic geometrical qualities of photogrammetric plotting instrument	1962
19670095519	[No Title]	1962
19670095555	Analysis of the drag of vrc gem	1962
19670095569	Hot cycle rotor system thermal analysis, part ii	1962
19670095605	A hypothesis on the influence of the circulation systems above and below the separating layer at 20 km altitude	1962
19670095713	Horizontal gradients of pressure, temperature, and density to an altitude of 30 km	1962
19670095718	Fuel cell catalysts final report, 1 jul. 1960 - 30 jun. 1962	1962
19670095727	The penetration of a decelerated, charged, relativistic beam into a plasma	1962
19670095797	Apollo guidance and navigation - preliminary familiarization manual	1962
19670095820	High frequency digital communication system quarterly progress report	1962
19670095823	Hot cycle rotor system structural analysis, volume i	1962
19670095824	Hot cycle rotor system whirl tests	1962
19670095831	Performance calculation method for a hot cycle rotor	1962
19670095843	Cobi data transmission testing in the united kingdom	1962
19670095844	Infrared reflectance study of gas-solid interaction final summary report	1962
19670095852	Relay qualification test data, babcock br-9ex g26-s8	1962
19670095860	Hot cycle rotor system engine-rotor control study	1962
19670095870	The kinetics of propane cracking on nickel interim report	1962
19670095880	Radar quarterly progress report	1962
19670095963	Ssb-fm communications system design	1962
19670095972	The development of a low temperature vapor filled thermionic converter for nuclear applications summary report, 20 jun. 1961 - 19 jun. 1962	1962
19670095987	Revision of preliminary report on heating processes in intensely ionized air, part 1	1962
19670096037	Confidence limits for, beta, the shape parameter of the weibull distribution	1962
19670096071	Transient heat transfer in spheres suddenly exposed to radiation beams	1962
19670096081	Deformations and stability of spherical shells under action of concentrated loads and uniform pressure	1962
19670096161	Design and development of 3000 deg f temperature-transducer system	1962
19670096175	Surveyor sterilization. part ii - a literature review of the physical, chemical, and biological properties of ethylene oxide-freon 12 and its compatibility with materials and components	1962
19670096180	Test and evaluation of the balplex 760 plotter	1962
19670096208	Manned satellite projects ground communications reliability report for project mercury	1962
19670096209	Project mercury, ground communications reliability	1962
19670096218	Bayesian reliability estimators	1962
19670096272	Hybrid system ease-spac	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096426	Infab processing of tzm sheet, phase i interim technical engineering report number 1, 17 apr. - 17 may 1962	1962
19670096484	An engineering evaluation of methods for the prediction of fatigue life in airframe structures	1962
19670096541	Quarterly program progress report	1962
19670096546	S-iv activity report, period 20 aug. - 23 sep. 1962	1962
19670096547	S-iv activity report, period 29 apr. - 19 may 1962	1962
19670096548	S-iv activity report, period ending 3 mar. 1962	1962
19670096550	S-iv activity report, period ending 7 apr. 1962	1962
19670096551	S-iv activity report, period ending 20 jan. 1962	1962
19670096557	Delta s-16 mission orbit error analysis model number dm-19	1962
19680066958	Saturn illustrated chronology /april 1957 - april 1962/	1962
19680068582	Tests of Variable-geometry Internal- Compression Induction System Alone and with Several Fuselage Forebody Configurations at Mach Numbers from 1.80 to 2.50	1962
19680068635	Aerodynamic Characteristics at Mach Numbers from 0.20 to 4.63 of a Canard-type Supersonic Commercial Air Transport Configuration	1962
19680068639	Weightlessness experiments with liquid hydrogen in aerobee sounding rockets, uniform radiant heat addition - flight 1	1962
19680068667	Weightlessness Experiments with Liquid Hydrogen in Aerobee Sounding Rockets; Uniform Radiant Heat Addition - Flight 2	1962
19680068714	Analysis of High-Energy Upper Stages for Solar-Probe Missions	1962
19680068719	Wind-Tunnel Measurements of the Sonic-Boom Characteristics of a Supersonic Bomber Model and a Correlation with Flight-Test Ground Measurements	1962
19680070046	Industrial applications innovations list	1962
19680071367	Direct-ascent vs parking-orbit trajectory for lunar-soft-landing missions	1962
19680073095	Gas hydrates at high pressures	1962
19680073822	Space flight operations memorandum - Ranger 4	1962
19680073824	Field instruction memorandum - Mission P-34 /RA-3/	1962
19680073827	Space flight operations memorandum - Ranger 3	1962
19680073980	Post injection standard trajectory - Ranger P-36 /RA-5/, volume 1	1962
19680073983	Post injection standard trajectories RA-5, volume 2	1962
19680073992	Field instruction memorandum - Mission P-35 /RA-4/	1962
19680073993	Field instruction memorandum - Mission P-36	1962
19680073994	Space Flight Operations Memorandum - Ranger II	1962
19680085256	Component test program report	1962
19680085347	Research and investigation of materials for laser applications interim engineering report, 1 oct. - 31 dec. 1962	1962
19680085464	Lls payload performance study final presentation data	1962
19680085488	Fabrication and assembly facilities, volume 2. industrial facilities, appendix a.	1962
19680085499	Demonstration planning and progress report - uh-1e helicopter	1962
19680085500	Demonstration planning and progress report - uh-1e helicopter	1962
19680085723	Re-entry stability test on a 9 percent model of the gemini spacecraft in the mcdonnell hypervelocity impulse tunnel	1962
19680085735	Theoretical calculations of thermodynamic properties of air	1962
19680085750	Dissolution of ion exchange resins in alkaline permanganate	1962
19680085829	Determination of transistor figure-of-merit for radiation effects quarterly progress report, 1 jun. - 31 aug. 1962	1962
19680085836	A compact actuator system for reactor control	1962
19680085958	Review and analysis of u. s. army geodetic secor system development	1962
19680085974	Report on measurements of reproduced sonic bangs	1962
19680085988	Plasma diagnostics with a microwave probe	1962
19680085993	Feasible tolerances on simulation of solar, albedo, and planet radiation	1962
19680086033	Hot cycle rotor system materials and processes	1962
19680086034	Hot cycle rotor system detail design of rotor	1962
19680086110	The discharge coefficient of convergent- divergent nozzles - a limited survey	1962
19680086132	Determination of transistor figure-of-merit for radiation effects quarterly progress report, 1 sep. - 30 nov. 1962	1962
19680086223	Weapon system 107 a-2	1962
19680086236	Improved minuteman high reliability components model program plan	1962
19680086240	Analysis of the radiographic qualification test	1962
19680086258	Canadian geophysical bulletin, volume 15	1962
19680086259	Geodesy and gravity	1962
19680086260	Seismology and physics of the earth's interior	1962
19680086261	Meteorology	1962
19680086262	Hydrology	1962
19680086263	Geomagnetism and aeronomy	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086264	Oceanography	1962
19680086265	Glaciology	1962
19680086266	Isotopic studies and geochronology	1962
19680086337	Component acceptance testing and storage	1962
19680086349	Agile - advanced geographic inaccessible location experiment final engineering report	1962
19680086396	A survey of plasma dispersion theory	1962
19680086417	Appendix a industrial facilities. volume 3 - final assembly facilities	1962
19680086751	Colloidal urania quarterly report, 1 may - 31 jul. 1962	1962
19680086758	Large-scale electrorefining of plutonium from gallium alloys	1962
19680086821	Brazed fluid transmitting systems gemini project	1962
19680086830	Nineteen hundred sixty two compendium of symposium papers, volume 1	1962
19680086831	Pyrolytically deposited compact tubular thin films for electronic systems	1962
19680086832	Aero-acoustic aspects of laminar flow control	1962
19680086833	A new view of electric effects on fluid dynamics	1962
19680086834	Trade-off principals for system effectiveness	1962
19680086835	The 'why' of various satellite and space vehicle attitude control techniques	1962
19680086836	Computer analysis of proton doses in space	1962
19680086837	Crew escape techniques for aerospace vehicles	1962
19680086838	Bionics - a living-growing science	1962
19680086839	Development of a thrust measuring system for electro-thermal rockets	1962
19680086840	Research leading to significant new computing subsystems	1962
19680086841	Applications of modular arithmetic techniques to high-speed digital computation	1962
19680086842	The role of materials in air force weaponry	1962
19680086843	Helicopter-type rotor decelerators	1962
19680086844	Guidance applications of optical heterodyning	1962
19680086860	Experimental investigation of blunt cone flow at m equals 3.0 and 5.5	1962
19680086863	Wind tunnel tests on a 10 percent scale model of the gemini spacecraft in the m.a.c. polysonic wind tunnel	1962
19680086880	High velocity condensing quarterly technical progress report, 1 jun. - 31 aug. 1962	1962
19680086887	On the study of mathematical techniques of self-organizing systems final report	1962
19680086893	Feasibility studies of airscrew-propulsion transmission systems for a 500-ton hydrofoil ship final report	1962
19680086985	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 5 nov. - 5 dec. 1962	1962
19680087059	An experimental acoustic tracking range program. volume 3 - equipment final report	1962
19680087115	The determination of the moment of inertia of the living human organism	1962
19680087272	Hot cycle rotor system. volume 2 - rotor blade structural analysis	1962
19680087463	The development of optimum manufacturing methods for columbium alloy forgings interim technical engineering report, 15 nov. 1961 - 15 feb. 1962	1962
19680087540	The development of microcellular alumina ceramics for broadband radome applications final report, 26 jun. 1961 - 26 jun. 1962	1962
19680087653	Some calculations of the specific heat and prandtl number of gaseous hydrogen	1962
19680088175	Correlations of manifold pressure loss data	1962
19680088347	Project mesa - present and future air force needs for environmental measurements. volume 3, part a - natural environment final report	1962
19680088399	A study of motion near libration points in the earth-moon system	1962
19680088454	Omega propagation characteristics in the arctic, temperate and tropical regions	1962
19680088459	Solution of the supersonic flow of a non perfect gas around pointed three-dimensional bodies by the linearized characteristics method final report	1962
19680088563	Energy and momentum equations for turbulent gas flow in an arc column	1962
19680088582	Research on ferroresonant computer and control devices task 2 - thin films final technical report, 1 jan. 1961 - 31 may 1962	1962
19680088617	Mercury/Atlas Launch Vehicle Program for Nasa Project Mercury /U/ Annual Progress Report, 30 Jun. 1961 - 1 Jul. 1962	1962
19680088758	Survey of natural food substances which modify response to radiation final report, 15 jan. 1960 - 31 aug. 1961	1962
19680088833	Project mesa. present and future air force needs for environmental measurements, volume 3. part b. natural environment final report	1962
19680088992	Improved insulators for rocket motors quarterly progress report, 1 feb. - 30 apr. 1962	1962
19680088995	Improved Insulators for Rocket Motors	1962
19680089002	Elimination and generation of air vehicle precipitation static noise for the xb-70	1962
19680089042	The explosive bonding of 90 tantalum-10 tungsten to aisi 4340 final report, 19 may - 19 nov. 1962	1962
19680089077	Description of plasma pinch engine for spacecraft altitude control /u/	1962
19680089096	Terrain avoidance capability of r-14a radar subsystem. f-105d follow-on test /category 2/ /u/ final report	1962
19680089097	Pilot confidence in terrain avoidance capability of r-14a radar subsystem. f-105d follow-on test /category 2/ /u/ supplement to final report, 15 nov. 1961 - 12 feb. 1962	1962
19680089227	Preliminary countdown manual for second-stage booster /u/	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089228	Flight termination system report for s-01a/ slv-2 and s-01a/slv-3 for pacific missile range /u/	1962
19680089288	High pressure oxygen-hydrogen rocket engines for large booster application /u/	1962
19680089289	High pressure oxygen-hydrogen rocket engines for large booster application /u/	1962
19680089335	Program 206 facilities master plan /u/	1962
19680089348	Survey of frictional problems in spacecraft final report	1962
19680089499	Improved insulators for rocket motors quarterly progress report, 1 nov. 1961 - 31 jan. 1962	1962
19680089752	Nose landing gear fatigue test. test procedure and results model f-106	1962
19680089753	Main landing gear spectrum fatigue test, model f-106	1962
19680090581	Turbomachinery facilities at t.c.e.a.	1962
19680090591	Final engineering testing of the e75 helicopter protective mask	1962
19680090616	Summary of meteorological data for the year, 1961	1962
19680090632	Zero-g report on lh2 nucleate boiling	1962
19680090678	Operation and maintenance instructions of axis double pass schlieren system	1962
19680090713	Radiation geometric factors between planets and space vehicles	1962
19680090817	Zero-g report liquid behavior scaling	1962
19680090818	Survey of Rocket Exhaust Deposition in the Upper Atmosphere	1962
19680090842	Feasibility study of retarding and buffing devices - atlas f missile lifting system	1962
19680090869	Computation and error analysis for accelerometer slewing	1962
19680090891	Cartridge/propellant actuated device development, 1945-1962 - appendix to historical monograph	1962
19680090972	A sensitive determination of yttrium, zirconium and tungsten in a columbium alloy by x-ray emission spectroscopy	1962
19680090974	Computer programming standards in command and control	1962
19680091012	Turbulent mixing and combustion of a rocket exhaust jet with the surrounding atmosphere. part 1 - the balanced jet	1962
19680091013	Ordance engineering design handbook. surface-to-air missile series. part 6 - structures and power sources	1962
19680091021	Ordance engineering design handbook. surface-to-air missile series. part 3 - computers	1962
19680091223	Snap supporting red progress report, apr. - jun. 1962	1962
19680091227	Surface-to-air missile series. part two - weapon control	1962
19680091275	Wind tunnel test report, sm-68b interstage compartment transient pressures and insulation requirements during staging /u/	1962
19680091327	The re-entry tracking problem /u/	1962
19680091499	Analysis of external aerodynamic effect of inlet operation on the xb-70 at mach numbers of 1.2 to 3.5 in the north american aviation trisonic wind tunnel and the ames 8 x 7 supersonic wind tunnel	1962
19680091501	Missile electrical system checkout description and plan	1962
19680091552	A hypersonic investigation to obtain static stability and pressure distributions for target vehicles 13, 22 and 32 in the hot shot 2 facility of the arnold center, tullahoma, tenn. in support of the nike-zeus target vehicle program /u/	1962
19680091554	A hypersonic test program conducted at the ge-msvd 30 inch shock tunnel of three nike- zeus target vehicle model configuration using the free-flight technique /u/	1962
19680091567	Post firing captive test report, missile. n4 /u/	1962
19680091569	Captive test post firing report, missile n3 /u/	1962
19680091583	Analysis of straight beams under arbitrary two-dimensional loading and restraint	1962
19680091590	A hypersonic investigation to determine the heat transfer and pressure distribution of three configurations in support of the nike zeus target vehicle program /u/	1962
19680091952	Information system design techniques	1962
19680091953	Techniques of information system design	1962
19680091954	Fundamentals underlying military information system design techniques	1962
19680091955	Techniques for advanced information processing systems	1962
19680092026	Titan 2, missile n-2 /u/ preliminary test report	1962
19680092033	Reliability status report /u/	1962
19680092044	Preliminary study on checkpoint insertion /u/ engineering notes	1962
19680092045	Fourth gyro investigation /u/	1962
19680092088	Disturbance forces, moments, and impulses during staging of the atlas series e and f missile /u/	1962
19680092093	Titan 2 propellant loading criteria /u/	1962
19680092097	Preliminary analysis of a floated pendulous gyro accelerometer /16 piga/ /u/	1962
19680092137	Development of a thermal arc engine	1962
19680092168	Disturbance moments and booster section motion immediately after staging of the atlas series e and f missiles /u/	1962
19680092182	Post firing flight test report, missile n-5 /u/	1962
19680092185	Ws 107c, titan 2 design data book, volume 3 /u/	1962
19680092256	Propulsion system evaluation of the flight of atlas missile 32e /u/	1962
19680092257	Flight test summary xsm-65e-16, amr test no. 811 /u/	1962
19680092259	Combustion, heat transfer, impact and associated studies pertinent to the atlas staging study /u/	1962
19680092260	Propulsion system evaluation of atlas missile 4 f /u/	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092268	Analysis of propulsion system operation during flight of atlas missile 14f /u/	1962
19680092272	Sm-65f missile test accident - atlas if, afsn 60-5524, stant s-1, sycamore static test site, general dynamics/astronautics, san diego, calif. /u/ hardware investigation team report	1962
19680092358	Tests and evaluation of ultrawide-angle mapping photography	1962
19680092394	Missile n-3 /u/	1962
19680092408	Titan 2 propulsion system in-flight performance /u/	1962
19680092409	Summary of items - staging problem study /u/	1962
19680092410	Preliminary propulsion evaluation of the flight test of the titan 2 missile n-2 /u/	1962
19680092420	Titan Targeting Data Book for Missile N-4	1962
19680092421	Titan targeting data book for missile n-13 /u/	1962
19680092440	Titan 2 Missile N-5	1962
19680092446	Titan 2 Mathematical Engine Model	1962
19680092447	Sm 65f missile test accident. atlas 11f, afsn 605534, complex 11, atlantic missile range, patrick afb, florida /u/ hardware investigation group report	1962
19680092454	Manufacture of experimental stainless steel clad uo2 bepo fuel element using brazed and welded end seals	1962
19680092554	The gg177b hinged pendulum accelerometer	1962
19680092590	Kiwi b-5 shield. volume 2 - radiation design and analysis /u/	1962
19680092599	Surveyor spacecraft system /u/	1962
19680092657	Production and use of the isotopes sodium-24, potassium-42, copper-64, and molybdenum-99	1962
19680092661	One dimensional heat conduction in a decomposing plastic	1962
19680092801	Fusion welding - B-70 skin panel assemblies	1962
19680092825	Liquid hydrogen and liquid oxygen density data for use in Centaur propellant loading analysis	1962
19680092849	Physiological heat problem in space flight	1962
19680092851	An evaluation of the mechanical properties of adhesives at cryogenic temperatures and their correlation with molecular structure	1962
19680092887	Orbital space station development survey. Phase 1 - Literature survey. Phase 2 - Evaluation of space station concepts and requirements. Phase 3 - An orbital test laboratory	1962
19680093015	Neutron spectroscopy with a hydrogen-filled cloud chamber Final report	1962
19680093132	Notes on noise diodes	1962
19680093134	Development of an advanced approach and landing display Final report	1962
19680093319	Preliminary Documentation Plan for Gemini Program Target Vehicle System	1962
19680093320	Preliminary Support Plan for Gemini Program Target Vehicle	1962
19680093321	Quality Program Plan for Project Gemini	1962
19680093582	The analysis and synthesis of adaptive systems which use networks of threshold elements Final report, Sep. 1960 - Jun. 1962	1962
19680093632	An analytical solution of the Boltzmann equation for neutron slowing-down length	1962
19680093635	Recipes for the solution of Volterra integral equations of the second kind	1962
19680093671	Rotary-phase separating heat exchanger Interim report	1962
19680093677	The meteoroid hazard to the hydrogen storage tank Interim report	1962
19680093678	Estimates of the thermal radiation incident on hydrogen tank during transfer Interim report	1962
19680093679	Selection and preliminary design of the support system for the liquid hydrogen tank in the arc jet feed system Interim report	1962
19680093826	An introduction to crack propagation in high strength sheet materials	1962
19680093848	Investigations on nebular variables and flare stars Annual report	1962
19680093876	Minuteman AMR field test report GTMOO4E - Mark 2 reentry vehicle compatibility tests - Launch Complex 31, volume 3 /U/	1962
19680093879	A hypersonic wind tunnel program to measure the dynamic stability parameter of three Nike-Zeus target vehicle configurations at tunnel B of the Arnold Center /U/ Technology experimental data report	1962
19680093973	Flow controller for hydrogen feed system Interim report	1962
19680093974	Flow controller design Interim report	1962
19680093975	Sizing of the liquid hydrogen tank for the arc-jet feed system Interim report	1962
19680093976	Thermal protection system for the liquid hydrogen storage vessel Interim report	1962
19680093987	Material selection for liquid hydrogen tank in the arc jet feed system Interim report	1962
19680094254	Report of qualification test program on rate gyro packages	1962
19680094409	Effects of positive pressure breathing on performance during acceleration	1962
19680094412	A bibliography of research reports and publications in the areas of human performance and personnel subsystem test and evaluation	1962
19680094476	Research on spectroscopy by Fourier transformation	1962
19680094492	Flodyne solenoid valve part no. 10A16 Engineering test report	1962
19680094495	Hydromatics ball valve part no. 132P5 serial no. 102 Engineering test report	1962
19680094496	Fisher-Vickery ball valve, type 8011-V20 serial no. 3342160 Engineering test report	1962
19690065908	Field operations memorandum - Ranger 5	1962
19690066137	Space Flight Operations Facility Status Display System Evaluation and Study Final Report	1962
19690067226	Study of capacitor discharge phenomena as related to metal forming Final report, 3 Jan. 1961 - 28 Feb. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690068145	Second reliability assessment for the orbiting geophysical observatories	1962
19690068146	Preliminary reliability assessment for the orbiting geophysical observatories	1962
19690072192	Vanguard 3 magnetic-field observations	1962
19690074386	Appendix for a study of several Apollo support aspects of the unmanned lunar program	1962
19690076550	One Fourth Scale Apollo Impact Attenuation Model	1962
19690079376	Apollo CSM ECS/THERMAL integrated analysis program. Volume 1 - Program no. HX 101A users manual, revision 2	1962
19690084636	The absolute radiation intensity of the center of the sun in the spectral range 4010 less than or equal to lambda less than or equal to 6569 angstrom	1962
19690086835	The oscillation behavior of optical ruby masers with distant reflectors	1962
19690086856	Results of a thermodynamic analysis of propellant storage during the Centaur F-2 mission	1962
19690086874	Analysis of straight-path penetration of multi-layer bodies of rotation	1962
19690086875	Inflight bio-instrumentation in a near space operational environment	1962
19690086881	The hydrodynamic response of a vertically floating rocket vehicle	1962
19690086945	Preliminary inertial guidance study for an orbital vehicle	1962
19690086949	New stratosphere-balloon technique and direct study of the origin of star scintillation	1962
19690086964	Investigation of payload accelerations at water impact of a recoverable capsule	1962
19690087040	Flodyne valve, ball shut-off, part number 10A17 serial number 1	1962
19690087206	Vacco solenoid valve, integral pilot model no. S33-27-3CMS serial no. 6895-1	1962
19690087218	Lonergan pressure relief valve model number 34-W-201 serial number none	1962
19690087229	W-K-M 1-11/16 inch manual valve P/N Engineering test report no. 716	1962
19690087230	Bailey relief valve number 119- 1 1/2 Engineering test report no. 750	1962
19690087252	Ladewig safety and relief valve part no. 1178C serial no. 8556	1962
19690087280	Circle seal solenoid valve part no. V4047, serial no. 105091	1962
19690087295	Papers presented by AECL and CGE staff at the UK/Canada Symposium on Zirconium and Its Alloys, Chalk River, October 24-25, 1962	1962
19690087384	Orbiting docking studies and model tests - Model DSV-4B	1962
19690087407	Recovery of NERV capsule in Pacific Missile Range /PMR program no. NS-18200/	1962
19690087424	Microwave refractive climate of the lower 10,000 feet of atmosphere over a portion of the North Pacific Ocean	1962
19690087574	Anderson-Greenwood safety relief valve, part number 3 QS88-6, serial no. 10907	1962
19690087703	Nimbus A prototype sensory subsystem prevacuum-thermal test	1962
19690087722	Review of the earth signal for the Nimbus attitude sensing system	1962
19690087752	Program plan for the integration and testing of the Nimbus meteorological satellite, volume 4, revision 2	1962
19690087769	Reliability assessment of the University of Wisconsin astronomical experiment package	1962
19690087799	Jam-resistant secure FM command receivers /U/ Progress report, 19 Apr. - 31 Oct. 1962	1962
19690087822	Space cell test program Monthly progress report	1962
19690087834	Description of the transmitter modulator	1962
19690087843	Environmental test report. Spare subsystem no. 1	1962
19690087844	Environmental test report. Flight unit 5, clock subsystem	1962
19690087850	Maintenance manual for the Nimbus clock subsystem ground control station. Volume 5 - Transmission recorder	1962
19690087897	System integration manual for the Nimbus command clock subsystems	1962
19690087902	Pretest report - Nimbus A prototype sensory subsystem humidity test	1962
19690087909	Combined wire lists for the Nimbus bench test equipment	1962
19690087910	Term sort wire list tabulation 43-003 for the Nimbus clock subsystem 43-001	1962
19690087916	Maintenance manual for the Nimbus clock subsystem ground control station. Volume 6 - Test specifications and engineering drawings	1962
19690087917	Maintenance manual for the Nimbus clock subsystem ground control station. Volume 1 - General	1962
19690087953	Nimbus single compartment Thermal vacuum test report	1962
19690087960	Environmental test report flight unit 3, clock subsystem	1962
19690087970	Nimbus A prototype sensory subsystem vacuum thermal test	1962
19690087972	Some solutions to weather analysis problems through the use of satellite data	1962
19690088015	Analysis and design of the pneumatic reaction gas system for the Nimbus satellite	1962
19690088020	Clock Sub-System SFI, Serial No. 3	1962
19690088021	On the question of turbulence in the upper atmosphere	1962
19690088043	Stabilization and control subsystem - Nimbus meteorological satellite - Flight program Monthly progress report, Sep. 1962	1962
19690088044	Maintenance manual for the Nimbus clock subsystem ground control station. Volume 3 - Transmitter modulation equipment	1962
19690088056	Stabilization and control subsystem - Nimbus meteorological satellite, failure summary report no. 2	1962
19690088071	Maintenance manual for the Nimbus clock subsystem ground control station	1962
19690088073	Nimbus clock subsystem component reliability report	1962
19690088089	Flight unit 4, clock subsystem	1962
19690088098	Goddard range and range rate system design evaluation report	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088102	Environmental test report. Spare subsystem no. 2	1962
19690088120	Nimbus meteorological satellite - Phase 1 prototype Monthly progress report, Dec. 1962	1962
19690088192	Stabilization and control subsystem. Nimbus meteorological satellite, phase 1 - Prototype Monthly progress report, Feb. 1962	1962
19690088193	Stabilization and control subsystem. Nimbus meteorological satellite Failure summary report no. 1	1962
19690088194	Stabilization and control subsystem. Nimbus meteorological satellite, phase 1 - Prototype Monthly progress report, Jan. 1962	1962
19690088201	Nimbus meteorological satellite flight Monthly progress report, Nov. 1962	1962
19690088208	AVCS Camera Transmissibility Survey Supplemental Report, Oct. 1966	1962
19690088209	TV camera subsystem for the Nimbus meteorological satellite. Bench check equipment, instruction and test procedure manual, parts 1, 2, and 3	1962
19690088211	Automatic Picture Taking /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Apr. - Jun. 1962	1962
19690088213	Stabilization and control subsystem. Nimbus meteorological satellite. Phase 1 - Prototype Monthly progress report	1962
19690088214	Stabilization and control subsystem. Nimbus meteorological satellite flight Monthly progress report	1962
19690088216	Stabilization and control subsystem. Nimbus meteorological satellite. Phase 1 - Prototype Monthly progress report	1962
19690088221	Nimbus A prototype spacecraft, vacuum - Thermal test	1962
19690088223	Detailed test procedure - Nimbus A prototype sensory subsystem humidity test	1962
19690088225	Orbit selection computer program for arbitrary missions	1962
19690088231	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Monthly progress letter, Aug. 1962	1962
19690088232	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Monthly progress letter, Sep. 1962	1962
19690088240	Stabilization and control subsystem. Nimbus meteorological satellite. Phase 1 - Prototype Monthly progress report	1962
19690088248	Stabilization and control subsystem. Nimbus meteorological satellite flight Monthly progress report	1962
19690088260	Vibration study of the Nimbus clock subsystem	1962
19690088261	Environmental test report. Spare subsystem no. 3	1962
19690088306	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Monthly progress letter, Jul. 1962	1962
19690088311	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Monthly progress letter for Jun. 1962	1962
19690088312	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Monthly progress letter for Feb. 1962	1962
19690088313	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Monthly progress letter for May 1962	1962
19690088316	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Monthly progress letter for Apr. 1962	1962
19690088329	Stabilization and control subsystem - Nimbus meteorological satellite, failure summary report no. 3	1962
19690088334	Stabilization and control subsystem - Nimbus meteorological satellite, phase 1 - Prototype Monthly progress report, Jun. 1962	1962
19690088335	Stabilization and control subsystem. Nimbus meteorological satellite. Phase 1 - Prototype	1962
19690088348	Nimbus meteorological satellite flight - Stabilization and control subsystem Monthly progress report	1962
19690088360	TV Camera Subsystem /TVCS/ for the Nimbus meteorological satellite - Bench check equipment and integration test equipment, operation and maintenance manual	1962
19690088366	Design study Monthly progress report, 18 Jun. - 9 Jul. 1962	1962
19690088369	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Monthly progress letter, Oct. 1962	1962
19690088400	Nimbus meteorological satellite. Integration and testing Quarterly progress report, 16 Feb. - 15 May 1962	1962
19690088402	Stabilization and control subsystem, Nimbus meteorological satellite flight Monthly progress report, Jan. 1962	1962
19690088411	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Monthly progress letter for Nov. 1962	1962
19690088422	Nimbus A prototype sensory subsystems debugging test Pretest report no. 1	1962
19690088439	Stabilization and control subsystem, Nimbus meteorological satellite Failure summary report no. 5, period ending 30 Nov. 1962	1962
19690088442	Clock receiver for the Nimbus meteorological satellite. Volume 1 - Bench check procedures	1962
19690088459	Stabilization and control subsystem Nimbus meteorological satellite. Phase 1 - Prototype Monthly progress report	1962
19690088478	TV camera system for the Nimbus meteorological satellite. Calibration data for prototype camera P1	1962
19690088483	Nimbus integration and test experimental vibration program. Detailed pretest plan	1962
19690088484	Nimbus meteorological satellite - Integration and testing Quarterly progress report, 16 Aug. - 15 Nov. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088485	Automatic Picture Taking APT subsystem for Nimbus meteorological satellite Quarterly technical report, Jan. - March 1962	1962
19690088486	Stabilization and control subsystem Nimbus meteorological satellite flight Monthly progress report	1962
19690088489	Clock subsystem prototype no. 2	1962
19690088490	Nimbus clock subsystem spares no. 1 and spares no. 3	1962
19690088492	Nimbus data digitizing and gridding sub-system. Volume 1 - System design Final report	1962
19690088504	Stabilization and control subsystem. Nimbus meteorological satellite - Flight Monthly progress report, Dec. 1962	1962
19690088520	Automatic Picture Taking /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Oct. - Dec. 1961	1962
19690088524	Nimbus meteorological satellite. Integration and testing Quarterly progress report, 16 May - 15 Aug. 1962	1962
19690088526	Nimbus data digitizing and gridding sub-system. Volume 2 - Performance specifications Final report	1962
19690088532	Nimbus AVCS-HRIR Subsystem Transmissibility Survey	1962
19690088533	The development of power slip rings for the Nimbus spacecraft Final report	1962
19690088534	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Quarterly technical report, Jul. - Sep. 1962	1962
19690088542	Stabilization and control subsystem Nimbus meteorological satellite Failure summary report	1962
19690088552	Solar conversion power supply subsystem for Nimbus satellite Quarterly technical report, Jun. - Aug. 1962	1962
19690088556	Solar conversion power supply subsystem for Nimbus satellite Quarterly technical report, Mar. - May 1962	1962
19690088559	Countdown manual topside sounder S-27 Agena 6101/Thor 341	1962
19690088565	Design plan for Nimbus C ground station	1962
19690088577	TVCS operational exercise and demonstration. TV Camera Subsystem /TVCS/ for the Nimbus meteorological satellite Final report	1962
19690088594	Engineering drawings manual for Nimbus clock subsystems	1962
19690088595	Design plan for Nimbus C clock subsystem	1962
19690088596	Study program for Nimbus ground station command decoder, part B	1962
19690088597	Design study report	1962
19690088602	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Quarterly technical report, Apr. - Jun. 1962	1962
19690088604	Stabilization and control subsystem. Nimbus meteorological satellite. Phase 1 - Prototype Monthly progress report	1962
19690088607	Nimbus integration	1962
19690088608	Development test facilities	1962
19690088626	Stabilization and control subsystem Nimbus meteorological satellite flight Monthly progress report, Aug. 1962	1962
19690088687	TVCS operational exercise procedure	1962
19690088697	Design specification for an "off-line" computer program for Nimbus integration and test	1962
19690088727	Description of the Data Code Simulator	1962
19690088735	Nimbus meteorological satellite subsystems Advanced Vidicon Camera Subsystem /AVCS/ Product assurance program report, Jun. 1962	1962
19690088736	Design plan for Nimbus C command clock bench test equipment	1962
19690088737	Advanced Vidicon Camera /AVC/ subsystem for Nimbus meteorological satellite Monthly progress letter, Jan. 1962	1962
19690088747	High Resolution Infrared /HRIR/ subsystem satellite equipment preliminary operation and maintenance manual	1962
19690088765	Stabilization and control subsystem, Nimbus meteorological satellite. Phase 1 - Prototype Monthly progress report, Apr. 1962	1962
19690088807	NIMIT aerospace ground equipment	1962
19690088809	Clock receiver for the Nimbus meteorological satellite. Clock receiver design Interim report, Jul. 1961 - Apr. 1962	1962
19690088813	Nimbus meteorological satellite Integration and testing materials report no. 2	1962
19690088820	Clock receiver for the Nimbus meteorological satellite. Test log and calibration curves for receiver serial no. NCR-6001-02A, prototype P2A	1962
19690088824	Clock receiver for the Nimbus meteorological satellite. Bench check procedures, Volume 2 - Operation and maintenance manual for the bench test unit	1962
19690088839	Solar-conversion power supply subsystem for the Nimbus meteorological satellite. Telemetry calibration curves for flight-1 power supply subsystem	1962
19690088849	Automatic Picture Taking APT subsystem for Nimbus meteorological satellite Quarterly technical report, Jul. - Sep. 1962	1962
19690088870	Test log and calibration curves for receiver serial no. NCR-6001-03A, first flight model	1962
19690088872	HRIR subsystem bench checkout unit preliminary operation and calibration manual	1962
19690088887	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite	1962
19690088900	Test log and calibration curves for receiver serial no. NCR-6001-04A, second flight model	1962
19690088912	Study program for Nimbus advanced command clock. Part A - Modification to command transmission format Nimbus C command clock	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088913	Study of winds, diffusion, and expansion of gases in the upper atmosphere Final report	1962
19690088924	Instructions and servicing manual	1962
19690088929	Nimbus meteorological satellite. Integration and testing thermal analog analysis	1962
19690088934	Test log and calibration curves for AVCS satellite equipment prototype P-1	1962
19690088958	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Monthly progress letter	1962
19690088981	Re-qualification testing on VHF-FM transmitter model TR-17 part no. 17912 enclosed in a RCA Nimbus module	1962
19690089016	Nimbus power supply electronics module transmissibility survey	1962
19690089032	Instruction book test rack type 29A1	1962
19690089034	Nimbus data digitizing and gridding sub-system. Volume 3 - Appendices Final report	1962
19690089042	Meteorological satellite activity, volume 1 Bimonthly progress report no. 2, 1 Jul. - 31 Aug. 1962	1962
19690089085	NIMCO prototype system	1962
19690089088	Solar conversion power supply subsystem for the Nimbus meteorological satellite Quarterly technical report, Dec. 1961 - Feb. 1962	1962
19690089090	Clock receiver design and fabrication Final report, 10 Apr. - 30 Nov. 1962	1962
19690089111	Development of integral rocket-ramjet propulsion system. Volume 2 - Design and experimental progress /U/ Annual summary report, Jun. 1959 - Jul. 1960	1962
19690089128	Advanced Vidicon Camera Subsystem AVCS for Nimbus meteorological satellite Quarterly technical report, Jan. - Mar. 1962	1962
19690089158	Nimbus Spacecraft Adapter Assembly Angular Impulse Drop Test, Phase 2	1962
19690089162	Articulation index scores from magnetic tapes feasibility study	1962
19690089204	Design of an experiment	1962
19690089208	Nimbus control subsystem test panel emergency dump supply and temperature monitor panel infrared stimulators - Operation, service, and repair, technical manual	1962
19690089226	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Quarterly progress report, Jan. - Dec. 1961	1962
19690089229	Grove power reactor dome controller regulator basic series WBX 206A-N3 model T-1017, serial no. R98573	1962
19690089237	Marotta pressure reducing regulator part no. 220374, model RV-36, serial no. 102	1962
19690089240	Vacco pressure reducing regulator PN DL6P3- 403, S/N 4957-1	1962
19690089251	Preliminary test information, grove, poweractor dome controller regulator basic series WBX206A-N3, model T-1017, serial number R98574	1962
19690089252	Accessory products servo-dome regulator part no. 7600-X3, serial no.	1962
19690089260	Nimbus clock subsystem - Supplementary environmental test report, flight unit no. 4	1962
19690089283	Powreactor dome regulator PN 10430347	1962
19690089340	Benbow pressure reducing regulator part no. 10602, serial no. 1	1962
19690089341	Pacific pressure reducing regulator part /1 1/2 inch/ no. 10104	1962
19690089364	Reliability test report for the dome-loaded pressure regulator, APCO-PN-112100-66	1962
19690089366	Grove powreactor dome controller regulator basic series WBX206A-N2 model F1016, serial no. R98573	1962
19690089371	Accessory products servo-dome regulator part no. 112800-X39, serial no. 1	1962
19690089372	Grove powreactor dome controller regulator model M-13940G serial no. R97037	1962
19690089378	Electrical propulsion for communication satellites	1962
19690089395	Grove powreactor dome controller regulator model M-13940G serial no. R94942	1962
19690089407	Accessory products servo-dome regulator part no. 112800-X43 serial no. 2	1962
19690089408	The characteristics of a thin, cylindrical monopole and its performance as a corona - Limited radiator Interim report	1962
19690089409	Vacco manual valve P/N M-6P-F405-G S/N 4953-1 Engineering test report	1962
19690089417	Nimbus meteorological satellite. Integration and testing Quarterly progress report, 16 Nov. 1961 - 15 Feb. 1962	1962
19690089432	Marotta reference regulator model RV-31, REV 1770 part no. 219004-G122 serial no. 131 engineering test report	1962
19690089433	Hydrogen-oxygen prototype fuel cell Quarterly interim engineering report, period ending 31 Aug. 1962	1962
19690089442	Modified Apco regulator P/N 112100-66 and modified Grove regulator, model WH408-N5	1962
19690089504	Pacific manual valve P/N PBP-6-F-1	1962
19690089506	Marotta manual valve model SPV-27	1962
19690089518	The two-loop superdirective end-fire antenna	1962
19690089554	Security hand valve VPN A-1022	1962
19690089619	Two /2/ inch manual valve, Pacific Valves, Inc., figure - G252OY-10K-RTJ	1962
19690089647	Energy distribution of electrons in very high frequency discharges in hydrogen	1962
19690089649	Centaur 110 nautical mile parking orbit convective heat transfer analysis	1962
19690089652	Centaur C-T vehicle thermal protection criteria	1962
19690089653	Missile tumbling turns	1962
19690089655	An infrared horizon sensor for pitch and roll attitude	1962
19690089681	Titanium tank joint LOX compatibility static and fatigue tests	1962
19690089683	Survey of transient heat-transfer problems in nuclear propulsion	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089695	SCR static inverter study, phase 2 Final development report, 1 Sep. 1963 - 30 Jun. 1968	1962
19690089707	Nondestructive measuring of composition and thickness over small areas of thin coatings with the aid of X-ray fluorescence	1962
19690089754	Review of instrumentation for Centaur fuel tank boil-off and vent quality measurements	1962
19690089792	Hydrogen-oxygen prototype fuel cell Quarterly interim engineering report number 8, period ending 31 May 1962	1962
19690089844	Anin manual valve P/N 14801, S/N H-2353	1962
19690089846	Hydrogen-oxygen prototype fuel cell Quarterly interim engineering report, period ending 28 Feb. 1962	1962
19690089849	Annin 1 inch manual valve, part no. 6510-1	1962
19690089902	Hydrogen-oxygen prototype fuel cell Quarterly interim engineering report, period ending 30 Nov. 1962	1962
19690089941	Stabilization and control subsystem. Nimbus meteorological satellite - Flight Monthly progress report, Feb. 1962	1962
19690089953	Nimbus meteorological satellite. Phase 1 - Prototype Monthly progress report, Mar. 1969	1962
19690089962	Stabilization and control subsystem. Nimbus meteorological satellite - Flight Monthly progress report, Mar. 1962	1962
19690089988	Anderson-Greenwood relief valve model 3DS6-3, serial number 10109	1962
19690089991	Fluid mechanics relief valve series no. 45-TC-10F, serial no. 2004	1962
19690089992	Fluid mechanics relief valve number 44-2-TG-6F, S/N4344	1962
19690089994	Anderson-Greenwood relief valve part no. 3QS88-6	1962
19690089995	Fluid mechanics relief valve number 44-2-TG-6F S/N4345	1962
19690089999	Circle seal relief valve part no. 5349T-4PP-6420	1962
19690090001	Vacco relief valve part no. RV-908P-403	1962
19690090002	Anderson-Greenwood relief valve model 3DS6-3 serial no. 10110	1962
19690090003	Preliminary test information, circle seal relief valve number 5349T-4PP-6600	1962
19690090014	Circle seal relief valve part no. 5349T-4PP-6600	1962
19690090038	Hypersonic pressure and heat transfer tests of the Dyna Soar model no. 844-2050 /U/	1962
19690090062	Research and development in utilization of self-sustained and electron emission investigation Final report, 1 Jan. 1960 - 3 Jan. 1962	1962
19690090295	Hypervelocity kill mechanisms feasibility study internal heating /U/	1962
19690090365	The Effects of Surface Irregularities on Electromagnetic Waves	1962
19690090366	The effects of surface irregularities on electromagnetic waves /U/ Literature search no. 477, supplement no. 2	1962
19690090369	Saturn monthly technical progress report /U/	1962
19690090370	Saturn S-4 monthly technical progress and quarterly report, September 1962 /U/	1962
19690090375	Program plan, Saturn S-4B system /U/	1962
19690090406	Saturn monthly technical progress report /U/	1962
19690090407	Saturn monthly technical progress report /U/	1962
19690090420	Relay 2 spacecraft antenna considerations	1962
19690090435	Radiation environment, its effect on the solar cell array, and the Relay 2 radiation experiment	1962
19690090494	Project Prospector - a Preliminary Report, Volume 1 /Space Truck/ Book 1	1962
19690090495	Project Prospector - A Preliminary Report, Volume 2 /Rover/	1962
19690090498	Relay 2 attitude control systems preliminary design comparisons	1962
19690090615	Research investigation of ion beam formation from electron bombardment ion sources	1962
19690090721	Informal monthly progress report, 30 April - 31 May 1962 /U/	1962
19690090722	Informal monthly progress report, 1-31 July 1962 /U/	1962
19690090723	Informal monthly progress report, 1-30 June 1962 /U/	1962
19690090724	Informal monthly progress report, 1-30 November 1962 /U/	1962
19690090726	Informal monthly progress report, 1-31 August 1962 /U/	1962
19690090729	Saturn monthly technical progress and quarterly report /U/	1962
19690090749	Saturn S-2 /U/ Monthly progress report, 3 Feb. - 2 Mar. 1962	1962
19690090781	Scattering from a metallic cylinder of arbitrary cross section	1962
19690090782	Electromagnetic interference design proofing test on Centaur computer, model no. 55-04032-1	1962
19690090801	Electric arcs and thermal plasma	1962
19690090831	Saturn S-2 Monthly progress report, 2-29 Jun. 1962 /U/	1962
19690090832	Saturn S-2 Monthly progress report, 31 Mar. - 4 May 1962 /U/	1962
19690090833	Saturn S-2 Monthly progress report, 3-30 Mar. 1962 /U/	1962
19690090835	Saturn S-4 stage weight and balance status report for model no. DSV-4 /U/	1962
19690090841	Transducer, pressure, potentiometer evaluation report, drawing no. 27-01386-13, spec. no. 27-01445, range 0-50 psia	1962
19690090842	Transducer, pressure, potentiometer evaluation report, drawing no. 27-01386-23, spec. no. 27-01445, range 0-250 psia	1962
19690090843	Transducer, pressure, potentiometer evaluation report, drawing no. 27-01386-23, spec. no. 27-01445, range 0-250 psia	1962
19690090863	Flight test evaluation report missile 40E	1962
19690090877	F series propellant loading Weekly summary report, 18-24 Jun. 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090878	F series propellant loading Weekly summary report, 2-8 Jul. 1962	1962
19690090879	F series propellant loading Weekly summary report, 11-17 Jun. 1962	1962
19690090880	F series propellant loading Weekly summary report, 4-10 Jun. 1962	1962
19690090881	F series propellant loading Weekly summary report, 9-15 Jul. 1962	1962
19690090882	F series propellant loading Weekly summary report, 16-22 Jul. 1962	1962
19690090893	F series propellant loading Weekly summary report, 25 Jun. - 1 Jul. 1962	1962
19690090910	Evaluation test of Centaur servoamplifier in high altitude chamber, drawing no. 55-40002	1962
19690090927	Results of reliability evaluation test program for Mercury-Atlas abort sensing and implementation system	1962
19690090928	Centaur boost pump hydrogen peroxide system purge evaluation	1962
19690090929	Liquid hydrogen tank insulation tests	1962
19690090930	Transducer, pressure, potentiometer evaluation report, drawing no. 27-01386-7 /spec. no. 27-01445/, range 0-15 psia	1962
19690090961	Electromagnetic interference design evaluation test of the Amstat static inverter, model 55-06142-1	1962
19690090962	Vibration evaluation test of the prototype ARENTS satellite, drawing no. 64-01001	1962
19690090963	Brake lining evaluation test on the 27-09569 brake assembly	1962
19690090964	Formulating hydrodynamic equations of ionized gases	1962
19690090967	Electromagnetic interference control plan Glotrac airborne transponder	1962
19690090969	Electromagnetic interference test plan of propellant level control unit model 27-44432 in accordance with MIL-I-26600	1962
19690090970	Frequency response test of the vibrotron accelerometer	1962
19690090971	Electromagnetic interference control preproduction test on gyroscope group rate and displacement, autopilot, missileborne model no. 27-45202-801 in accordance with 27A1252	1962
19690091000	Structural test of retro-vernier fairing	1962
19690091018	Electromagnetic interference control test on Centaur vehicleborne telemetry equipment subsystem no. 3	1962
19690091019	Preproduction test report for the determination of hydrocarbon contaminants in trichlorethylene in concentrations of approximately 10 parts per million, spec. no. AR-270-1-11A	1962
19690091020	Transducer pressure, potentiometer evaluation report, drawing no. 27-01386-29, /spec. no. 27-01445/, range 0-600 psia	1962
19690091021	Evaluation test of vernier engine LOX supply hose, drawing no. 27-02425, spec. no. 27-02426	1962
19690091042	F series propellant loading Weekly summary report, 7-13 May 1962	1962
19690091043	F series propellant loading Weekly summary report, 15-21 Oct. 1962	1962
19690091044	F series propellant loading Weekly summary report, 13-19 Aug. 1962	1962
19690091045	F series propellant loading Weekly summary report, 6-12 Aug. 1962	1962
19690091046	F series propellant loading Weekly summary report, 28 May - 3 Jun. 1962	1962
19690091047	Sycamore test report, Atlas 1F. Block 3, test 2	1962
19690091048	ERS block report phase 6. Block 3. Test stand 1-95	1962
19690091049	In-flight skin and structural temperatures on the Atlas-Agena adapter for Midas 2 and Samos 2, 3, and 4	1962
19690091052	NASA mean monthly and annual wind profiles for the Atlantic Missile Range	1962
19690091056	F series propellant loading Weekly summary report, 9-15 Apr. 1962	1962
19690091057	Centaur reliability program Annual progress report, 10 Jan. 1961 - 10 Feb. 1962	1962
19690091059	Atlas series E, category 2 test program. OSTF-1 periodic evaluation report	1962
19690091060	Post flight report on radio guidance system for Atlas 112 D/Agena 2204	1962
19690091061	F series propellant loading Weekly summary report, 23-29 Apr. 1962	1962
19690091062	F series propellant loading Weekly summary report, 12-18 Mar. 1962	1962
19690091063	F series propellant loading Weekly summary report, 19-25 Mar. 1962	1962
19690091064	Instrumentation trailing wire test	1962
19690091067	Electromagnetic interference test of a 'D' series signal conditioner and power control unit, P/N 27-12590-801, serial no. 108-0021 in accordance with pet no. 9-4829	1962
19690091068	Production evaluation test report for Kearfott rate integrating gyro	1962
19690091071	F series propellant loading Weekly summary report, 30 Jul. - 5 Aug. 1962	1962
19690091072	Precision autopilot evaluation test report, drawing no. 57-40008	1962
19690091073	F series. Constrained procedure report	1962
19690091077	F series propellant loading Weekly summary report, 26 Mar. - 1 Apr. 1962	1962
19690091078	F series propellant loading Weekly summary report, 2-8 Apr. 1962	1962
19690091087	Parametric study of the Surveyor/Centaur nose fairing	1962
19690091088	F series propellant loading Weekly summary report, 15 Nov. 1961 - 26 Feb. 1962	1962
19690091089	Effect of intermediate bulkhead heat-leak on Atlas/Centaur payload capability	1962
19690091092	Special booster engine position indicator test	1962
19690091093	Evaluation test report of overtorqued tubing cB' nuts /no GD/A no./ and GD/A P/N 27-85107-157 outlets thermodip closure	1962
19690091094	Evaluation test report of dynamic characteristics of derivative pressure feedback type servo cylinders, GD/A-27-08550-11, GD/A-27-85314-815	1962
19690091095	Strain gage evaluation for application to model 55 Centaur AFT bulkhead	1962
19690091097	Electromagnetic interference control design proof test on NASA precision autopilot prototype no. 2	1962
19690091098	AMR weight history. Atlas ranger /RA-4/ vehicle missile PG-1A-133D	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091100	Evaluation test report for disconnect-Centaur staging, GD/A part no. 55-61029	1962
19690091106	Evaluation of fuel pierce valve, drawing no. GD/A 27-21221	1962
19690091107	F series propellant loading Weekly summary report, 23-29 Jul. 1962	1962
19690091108	F series propellant loading Weekly summary report, 21-27 May 1962	1962
19690091133	Manufacturing study - Producing missile propulsion units /U/ Final report, 28 Jun. 1958 - 31 Aug. 1959	1962
19690091155	Research on the processing of satellite photography by digital techniques Final report	1962
19690091169	Interpretation of Tiros 2 radiation measurements Final report	1962
19690091190	Universal transportable space communications terminal, revision A	1962
19690091240	The pneumatic link of the Centaur P/U system	1962
19690091365	A study of systems for space propulsion Quarterly progress report, 1 Nov. 1961 - 31 Jan. 1962	1962
19690091380	Determination of the vapor pressure of cesium Monthly progress report	1962
19690091398	A survey of large space chambers	1962
19690091425	Sputtering mechanisms under ion propulsion conditions Quarterly progress report, 5 Nov. 1961 - 5 Feb. 1962	1962
19690091462	Crane motor operated valve, part no. 18880, serial no. B-96921A	1962
19690091463	Annin motor operated valve, model no. 6580, serial no. H3701	1962
19690091464	Pacific motor operated valve, part no. G2505-10K-RJ, serial no. 3974	1962
19690091470	Saturn S-2 /U/ Progress report, 30 Dec. 1961 - 2 Feb. 1962	1962
19690091471	Saturn S-2 /U/ Progress report, 2-29 Dec. 1961	1962
19690091475	Project Gemini /U/ Monthly progress letter report, 26 Mar. - 25 Apr. 1962	1962
19690091502	Study of applications for small electric propulsion engines Monthly progress letter report, 5 Nov. - 5 Dec. 1962	1962
19690091580	OSTF-1 logical function evaluation report Technical report, 20 Sep. - 1 Dec. 1961	1962
19690091694	Block O, category 2 Silo electromagnetic environment investigation at OSTF 2, VAFB, 13-26 February 1962 Final report	1962
19690091697	Production evaluation test report for valve-check 1 1/2 inch liquid oxygen topping system	1962
19690091698	Meteoroid puncture of space vehicles with application to fuel losses on the Centaur	1962
19690091706	F-3 flight trajectory	1962
19690091709	Factory acceptance testing of missile 115D	1962
19690091710	Analysis of optimum payload shroud geometry for Atlas/Centaur	1962
19690091714	Repetitively pulsed 2-stage plasma propulsion engine Quarterly progress report, 1 Sep. - 30 Nov. 1962	1962
19690091938	Evaluation of applicability of Titan 2 for space missions /U/	1962
19690091981	Electrode development for 30 kW electrothermal arc jet engine /U"/ Quarterly progress report, Nov. 1961 - Jan. 1962	1962
19690092024	F series propellant loading Weekly summary report, 16-22 Apr. 1962	1962
19690092067	F series propellant loading Weekly summary report, 30 Apr. - 6 May 1962	1962
19690092071	Evaluation test of Centaur rate group operation in high altitude chamber, drawing no. 55-40001	1962
19690092114	Roll limit cycle test of the Centaur attitude control system	1962
19690092117	Centaur Monthly progress letter report,	1962
19690092124	Centaur reliability program Monthly progress report, 11 Mar. - 10 Apr. 1962	1962
19690092125	Centaur reliability program Monthly progress report, 10 Feb. - 10 Mar. 1962	1962
19690092126	Analysis of H2O2 freezing in Centaur boost pump supply lines when vented to a vacuum	1962
19690092127	Nonlinear resonances in the electric mass filter as a consequence of field defects	1962
19690092130	Induced aerodynamic heating on Atlas fuel tank skins due to the aeronautics mod. 2 decoy pod	1962
19690092131	Statistical evaluation of Atlas D series propellant residuals	1962
19690092132	Radio guidance of missile 105D/1202 /Midas 4/	1962
19690092133	Range safety trajectory and dispersion information for an Atlas D-IOC missile, Operation "Dial Right"	1962
19690092134	Centaur reliability program trend indicators report	1962
19690092135	Two-dimensional thermal analysis of Atlas booster adapter and Nike Zeus target vehicle interface	1962
19690092137	Evaluation test report of cryogenic impingement on a sustainer hydraulic pump case	1962
19690092139	Centaur reliability program Monthly progress report, 11 May - 10 Jun. 1962	1962
19690092141	Search for critical weakness test report for insulation panel jettison system explosive bolts	1962
19690092142	Determination of Centaur separation strap load provided by external torque	1962
19690092143	Vernier solo accumulator orifice test	1962
19690092146	Centaur reliability program Trend indicator report	1962
19690092151	Pre-production test report for coupling disconnect, liquid oxygen, elevator rise off	1962
19690092152	Centaur Monthly letter progress report	1962
19690092153	Centaur reliability program trend indicator report	1962
19690092154	Mark 2 airborne guidance equipment compatibility tests	1962
19690092155	Standardized Atlas space booster study	1962
19690092157	Flight test report Mercury/Atlas MA-6 /Atlas missile 109D/	1962
19690092159	The effects of target vector approximation error on the Surveyor/Mariner injection guidance accuracy	1962
19690092160	Centaur reliability program trend indicators report	1962
19690092161	Launch control logic report for the SM65 F series Atlas	1962
19690092162	Flight accuracy, guidance system performance and range capability report, missile 82D	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092169	Flight test evaluation report missile 36E	1962
19690092183	Production evaluation test report for rate integrating gyro. GD/A part no. 7-04250-3, spec. no. 27-04590, vendor Kearfott, div., General Prec. inc., vendor P/N C70-2506-000	1962
19690092192	Thermal analyses of missiles 18-E, 21-E and 22-E ullages	1962
19690092193	Manmade interference measurement techniques Monthly progress report, 1 Jul. - 1 Aug. 1962	1962
19690092194	Manmade interference measurement techniques Monthly progress report, 1 May - 1 Jun. 1962	1962
19690092196	Manmade interference measurement techniques Monthly progress report, 1 Aug. - 1 Sep. 1962	1962
19690092197	Manmade interference measurement techniques Monthly progress report	1962
19690092198	Evaluation and surge pressure tests on F series fuel prevalves	1962
19690092199	Arents solar panel optimization study	1962
19690092201	Electromagnetic interference flight proof test of Centaur telemetry commutator in accordance with test no. 1-5076.2, 55-01125-7, S/N-2108	1962
19690092202	OSTF-1 periodic evaluation report, 1-31 May 1962	1962
19690092203	Centaur reliability program trend indicators report	1962
19690092209	Exchange rate of ions containing bromine and iodine in an aqueous solution from the line width of nuclear magnetic resonance	1962
19690092210	Application of quartz resonators for weighing thin films and for microweighing	1962
19690092213	Centaur reliability program Monthly progress report, 11 Apr. - 10 May 1962	1962
19690092215	Production evaluation test report for extended life test rate integrating gyro	1962
19690092216	Search for critical weakness test report for transducer, loading string, oxidizer level sensor GD/A part no. 27-04240-813 RTO 985	1962
19690092217	Centaur reliability program trend indicators report	1962
19690092218	Centaur reliability program trend indicators report	1962
19690092219	Determination of temperature effects on pressure transducer	1962
19690092220	Straddle beam, Centaur insulation panels	1962
19690092221	Flight Test Evaluation Report (U), Missile 107D	1962
19690092222	Weather shield deflection and tension strap pre-load test	1962
19690092477	One-man maneuvering systems	1962
19690092503	Centaur tanking RF interference test	1962
19690092607	Surveyor/Centaur payload shroud design trajectories	1962
19690092624	Production evaluation test report for telepak and radio frequency amplifier, low capacity, missileborne	1962
19690092625	Centaur reliability program trend indicators report	1962
19690092646	Atlas weapon system, hazard control plan, implementation requirements	1962
19690092647	WS 107A-1 flight test working group flight test report Atlas missile 11 F	1962
19690092652	Bulkhead reversal study for D, E and F series - Missiles engineering reliability	1962
19690092653	Applied manufacturing research and process development. Department 290 - Missile manometer sensor development	1962
19690092654	Centaur F1 attempted launch Atlas 104D/Centaur C-1	1962
19690092656	Development and evaluation of a shake test procedure for measurement of RP-1 fuel foam formation	1962
19690092658	Piggy-back pod no. 24A - Jettison test	1962
19690092659	Evaluation of burp pressurization system	1962
19690092661	Design proof test report for main missile power changeover switch voltage sensing	1962
19690092667	OSTF-2 noise control evaluation, launch control center	1962
19690092668	Allowable Surveyor mission coast times without fuel tank venting	1962
19690092670	Centaur reliability program Monthly progress report, 1-30 Sep. 1962	1962
19690092671	Missileborne accumulator study	1962
19690092673	Production evaluation 1000-hour life test report for control-rate of turn autopilot, missileborne	1962
19690092674	Pressure sintering of metal carbides in the 4a to 6a groups without binding phase	1962
19690092675	Structural shape and movement in the tail of the comet Mrksos 1957d	1962
19690092682	Centaur reliability program Monthly progress report, 1-31 Aug. 1962	1962
19690092683	Centaur reliability program Semiannual progress report, 11 Feb. - 31 Jul. 1962	1962
19690092684	Test lab wind tunnel test report on ground wind loads, addendum A Test report, 20 Jun. - 31 Jul. 1962	1962
19690092685	Test lab wind tunnel test report on ground wind loads	1962
19690092686	Design proof test report for Centaur sub-system 1 - telemetering accessory unit, GD/A part no. 55-13500-3	1962
19690092687	Centaur C-2 intermediate bulkhead evaluation, model 55	1962
19690092688	Radio interference flight proof test CT-3 transponder model 26-13003-3, SN 0260014	1962
19690092690	Evaluation test for Piggy Back Pod, drawing no. 64-21015-3	1962
19690092691	Manmade interference measurement techniques Quarterly report	1962
19690092692	Great spherical and cylindrical compression values near the spherical center respectively cylinder axis	1962
19690092693	Manmade interference measurement techniques Quarterly report	1962
19690092698	Centaur test report - Vacuum Bulkhead Thermal Test Stub Tank /VST/ heat transfer study at the Point Loma test site	1962
19690092700	Isotope separation with electrical mass filter	1962
19690092703	OSTF-1 periodic evaluation report, 1-31 Dec. 1961	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092705	Production evaluation test report for rate integrating gyro	1962
19690092706	Production evaluation test report for Kearfott rate integrating gyro	1962
19690092707	Centaur reliability program Monthly progress report, 1 Nov. - 1 Dec. 1962	1962
19690092708	Centaur reliability program Monthly progress report, 1 Oct. - 1 Nov. 1962	1962
19690092733	An index for determining true burnable residual	1962
19690092734	Missile 104D-C1 history	1962
19690092738	Range safety information for the first and second group "B", Atlas "D" Nike-Zeus target vehicle boosters	1962
19690092740	Missile 62E evaluation report, quality assurance firing program	1962
19690092741	Nubelon S water acceptability tests	1962
19690092742	Flight accuracy, guidance system performance and range capability report, missile 137D	1962
19690092746	Centaur divided tanks	1962
19690092750	Pre-production test report for Vernier LO2 supply hose assembly	1962
19690092751	Pre-production test report for Vernier LO2 supply hose assembly	1962
19690092752	Transducer, pressure, potentiometer	1962
19690092754	Sudden disappearance of one prominence and associated geophysical effects, on 11 April 1959	1962
19690092755	Investigations of the center vent tube /zero-G vent device/	1962
19690092762	Simulation of and recommendations for Centaur vehicle pre-start and chill-down flow sequences	1962
19690092763	Individual acceptance test report for zero "G" separator assembly	1962
19690092764	Production evaluation test report for rate integrating gyro	1962
19690092786	Comparative evaluation of helicopter ground velocity sensors	1962
19690092794	Revision vent valve installation - Centaur	1962
19690092795	Flourinated ethylene propylene valve coating evaluation	1962
19690092796	OSTF-2 special propellant loading system tests, category 1, phase B, block 3, part 1 Summary report, 14-17 Nov. 1961	1962
19690092797	The graphite arc as spectrophotometric standard of radiation density in the range from 0.25 to 1.8 microns	1962
19690092801	Centaur Monthly letter progress report	1962
19690092810	Incident of 44E at Forbes AFB, March 13, 1962 Special report	1962
19690092811	Missile 134D - Flight accuracy, guidance system performance and range capability report	1962
19690092812	Atlas space booster flight test plan for booster no. 179D. Atlas-Agena B-Mariner R-program at AMR	1962
19690092829	Evaluation, surge pressure, and pressure drop tests on Futurecraft fuel pre-valves F series	1962
19690092830	Study of pressure surges in the silo brake system	1962
19690092832	Aerodynamic loads and pressures for design of the Surveyor/Centaur payload shroud	1962
19690092842	The 6F hydraulic failure analysis test	1962
19690092843	Centaur reliability program trend indicators report	1962
19690092894	Polaris progress report for July 1962 /U/	1962
19690093053	Centaur reliability program Monthly progress report, 11 Jun. - 10 Jul. 1962	1962
19690093065	Centaur LH2 tank space heating with parameter dispersions	1962
19690093077	Noise control evaluation of Altus site no. 12 launch control center, TCP 808	1962
19690093092	Electrostatic charging in F series Atlas fuel system	1962
19690093093	Study of flammability limits of oxygen contaminated helium for pressurization of systems containing RP-1 fuel	1962
19690093151	The electrochemical oxidation of liquid hydrocarbons in low temperature fuel cells	1962
19690093235	Reliability assessment of the Goddard astronomical experiment	1962
19690093264	F-2 nominal steering parameters. Centaur guidance equations and constants for the F-2 flight test mission	1962
19690093448	Probe instrumented cesium plasma tube Final report Mar. - Jun. 1962	1962
19690093491	C-1B rendezvous development project /U/	1962
19690093492	Summary of C-5 development plan. Revised /U/	1962
19690093582	Annual report	1962
19690093704	Intermediate bulkhead study of Centaur integral tank. Part 2 - Rigid type vacuum bulkhead	1962
19690093705	Intermediate bulkhead study for Centaur integral tank. Part 1 - Membrane type vacuum bulkhead	1962
19690093883	Definition of Saturn S-2/S-4B electrical interface	1962
19690094097	[No Title]	1962
19690094098	[No Title]	1962
19690094099	[No Title]	1962
19690094100	[No Title]	1962
19690094101	[No Title]	1962
19690094102	[No Title]	1962
19690094103	[No Title]	1962
19690094104	[No Title]	1962
19690094105	[No Title]	1962
19690094106	[No Title]	1962
19690094107	[No Title]	1962
19690094108	[No Title]	1962
19690094109	[No Title]	1962
19690094110	[No Title]	1962
19690094111	[No Title]	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690094112	[No Title]	1962
19690094113	[No Title]	1962
19690094114	[No Title]	1962
19690094116	[No Title]	1962
19690094117	[No Title]	1962
19690094118	[No Title]	1962
19690094121	[No Title]	1962
19690094122	[No Title]	1962
19690094123	[No Title]	1962
19690094124	[No Title]	1962
19690094125	[No Title]	1962
19690094126	[No Title]	1962
19690094127	[No Title]	1962
19690094128	[No Title]	1962
19690094129	[No Title]	1962
19690094130	[No Title]	1962
19690094131	[No Title]	1962
19690094132	[No Title]	1962
19690094133	[No Title]	1962
19690094134	[No Title]	1962
19700070552	Non-random oscillation in the response- duration curve of electrographic activation	1962
19700070659	Transonic Wind Tunnel Measurements of the Damping in Pitch and Oscillatory Longitudinal Stability of a Reentry Configuration Consisting of a Blunt-cone Forebody and a Cylindrical Afterbody	1962
19700072416	Simplified shield analysis for a preliminary configuration of a SNAP-8 vehicle	1962
19700074118	Evaluations of Space Vehicle Shielding	1962
19700076135	An analog physiological simulator. Project Apollo	1962
19700076148	Lunar landing stability and energy dissipation considerations	1962
19700076297	Age of the moon, chemical composition, geological aspects, stress and cooling history	1962
19700076414	Effects of a number of modifications on the static stability of the Apollo atmospheric abort configuration, Project Apollo	1962
19700076445	A predictive reentry control and guidance system studied on a piloted fixed-base analog reentry simulator, Project Apollo	1962
19700076534	Cryogenic storage of fuel cell reactants and environmental system supplies. Project Apollo	1962
19700076535	External pressure buckling of thin conical frustums of 30 deg half angle. Project Apollo	1962
19700076536	Design evaluation/qualification test of end fittings /destruct kit/	1962
19700076557	Pressurized gas reaction control system for Little Joe 2, Project Apollo	1962
19700078184	Effectiveness of two flap controls on a Mercury type capsule at a Mach number of 15 in the Ames hypersonic helium tunnel	1962
19700078265	Static stability and control characteristics of a half-cone entry configuration at Mach numbers from 2.2 to 0.7	1962
19700078281	Pressure distributions on blunt delta wings at a Mach number of 2.91 and angles of attack up to 90 deg	1962
19700078288	Static stability characteristics of a delta-winged configuration with a canard control and nacelles at Mach numbers from 0.25 to 3.50	1962
19700078289	Effects of off-design inlet mass flow upon static stability of a delta winged configuration with a canard control and pylon-mounted nacelles for Mach numbers from 0.65 to 3.50	1962
19700078741	Some effects of flare and nose shape on the damping-in-pitch characteristics of a blunt- nosed flare-stabilized body at transonic Mach numbers	1962
19700088714	AGX-2008 high-voltage /EBW/ initiator Final report	1962
19700088890	A table of equivalents of acceleration terminologies	1962
19700089186	Annual work summary Final technical documentary report, Feb. 1961 - Jan. 1962	1962
19700089342	Theoretical and experimental processing of lunar television pictures Bimonthly progress report	1962
19700089343	Theoretical and experimental processing of lunar television pictures Bimonthly progress report	1962
19700089470	Radiation detectors for invivo measurements and associated electronics Quarterly report	1962
19700089686	Corrosion studies with common steel, stainless steel, 6061 aluminum and anodized aluminum under tropical conditions /43 deg C and 90 percent R H/ in contact with CN, DM, CS	1962
19700089691	Study of incorporation of sound on transparency Final report	1962
19700089708	Supersonic airloads on interfering lifting surfaces by aerodynamic influence coefficient theory	1962
19700089737	Development of optical beam rider missile guidance system /U/ Final engineering report, Jun. 1960 - Dec. 1961	1962
19700089743	Ionization in afterburning rocket exhausts /U/ Quarterly report, 1 Jun. - 1 Sep. 1962	1962
19700089753	Lunar sample return system	1962
19700089774	Report on an IBM 7090 program on the effects of aerodynamic heating	1962
19700089778	Investigation of repack and inspection interval for nylon parachutes	1962
19700089790	Centaur autopilot systems test	1962
19700089792	Description and interface analysis POD 21. Scientific passenger POD/Nike Zeus target vehicle program	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089793	Mercury launch vehicle working group. Flight test report - Mercury/Atlas MA-8 /Atlas missile 113D/	1962
19700089794	Missile 67E	1962
19700089795	Dynamic analysis of an acceleration feedback autopilot for the Atlas/Centaur beta configuration	1962
19700089797	Atlas rise-off camera ejection test	1962
19700089798	A thermal analysis of the Centaur 50 pound ullage rockets, and the attitude control system boost pump propellant lines	1962
19700089799	The effect of uncertainty in predicted liquid- oxygen boiloff on payload	1962
19700089800	Atlas missile 7F	1962
19700089801	Surveyor insulation study	1962
19700089804	Evaluation of the Navy twin-engine transport type aircraft fluorescent paint scheme Final report	1962
19700089809	Harmonic generator /67-61146/ for GLOTRAC ground station frequency synthesizer	1962
19700089812	Design proof test report for the Centaur zero G vent system, GD/A part no. 55-80021-3, spec. no. 55-08129, vendor-GD/A	1962
19700089835	Interference control test. Dage closed loop TV subsystem	1962
19700089843	Centaur intermediate bulkhead model tank heat transfer study	1962
19700089846	WS 107A-1 flight test working group. Flight test report - Atlas missile 8F	1962
19700089851	Liquid oxygen pressure sensing line response time test	1962
19700089864	Propellant residuals and mixture ratio for an F-2 mission	1962
19700089870	Range safety trajectory and dispersion information for the Mercury/Atlas 113-D flight test vehicle	1962
19700089872	Multi-stage launch vehicle performance exchange ratios	1962
19700089873	Liquid response to an orientation maneuver	1962
19700089874	Orifice sizing and component evaluation for a programmed LOX tank pressure on the Atlas/Agena booster	1962
19700089875	WADD, LO2 lubricant impact sensitivity cooperative test program number 2	1962
19700089876	Centaur engine interface data	1962
19700089877	Temperature history of Centaur engines during coast	1962
19700090604	Autoradiographic measurement of the penetration of tritium in stainless steel /U/	1962
19700090744	Report of DOFL 100-second delay fuze	1962
19700090828	Technical Discussion of RL10 Variable-Thrust Demonstration /U/	1962
19700090832	Investigation of nozzles with high area ratios /hot flow tests/ /U/	1962
19700090882	Technical plan for Centaur propulsion system testing	1962
19700090917	Research on the loading of missiles due to atmospheric turbulence and wind shear Summary report, 24 Jul. 1961 - 1 Mar. 1962	1962
19700090921	Study of the feasibility of deriving analytically the optimum switching function for a bang-bang reactor control system	1962
19700091119	Postlaunch memorandum report for Mercury- Atlas number 8 /MA-8/. Part 3 - Air- ground voice and debriefing	1962
19700091246	Seasonal oceanographic studies in Mc Murdo Sound, Antarctica Technical report	1962
19700091734	Mcdonnell Mercury Model 133P Propulsion System Age	1962
19700091737	Mcdonnell Mercury Model 133P Reaction Control System	1962
19700092147	LW-2 Lightweight Escape System for US Army Surveillance Aircraft	1962
19700092159	Absorption - Abstracts of technical memoranda, spring 1960 - fall 1962	1962
19700092162	Paraglider Development Program, Phase 2A, Volume 1 Final Report	1962
19700092339	The effect of X-rays on the membrane permeability of human erythrocytes	1962
19700092595	Lift and drag of a full scale headrick hydrofoil Research and development report	1962
19700092689	MOBILE, a COBOL compiler, preliminary reference manual	1962
19700092758	Gemini Program: The Reaction Control System	1962
19700093308	Conceptual design of a 60 kWe moderated, low temperature, in core thermionic, reactor system for spacecraft application /U/	1962
19700093313	Mathematical model of a diffuser-ejector system for rocket engine altitude simulation Final report	1962
19700093777	Field report, Weymouth Fore River dye dispersal test, Quincy, Massachusetts	1962
19700093904	Handbook of instructions - Nimbus PCM ground system 2	1962
19700093948	A single camera AVCS for Nimbus	1962
19700094141	Satellite spectrometer phase 2 Quarterly report	1962
19700094178	Nimbus PCM telemetry system detailed reliability analysis and prediction	1962
19700094307	Grid point processing design study	1962
19700094400	Automation of oceanographic analysis and prediction	1962
19700094424	User handbook for television ground station equipment	1962
19700094430	Design study report for television ground station equipment - Errata list	1962
19700094433	Nimbus meteorological satellite subsystem. Solar power supply subsystem Product assurance program report, period ending Jun. 1962	1962
19700094546	Television ground station equipment Quarterly report, 6 Jul. - 30 Sep. 1962	1962
19700094555	Nimbus satellite PCM telemetry subsystem - Handbook of instructions	1962
19700094584	Television ground station equipment - Design study report, appendix B	1962
19700094659	TV ground station equipment Monthly progress letter	1962
19700094660	TV ground station equipment Monthly progress letter	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094786	Saturated hydrocarbon fuel cell program /ERDL/ Technical summary report, 1 Jul. - 31 Dec. 1962	1962
19700094838	TV ground station equipment Monthly progress report, Jul. 1962	1962
19700094839	TV ground station equipment Monthly progress letter	1962
19700094845	Long life satellite reliability program	1962
19700094848	Preliminary assessment of the Nimbus spacecraft reliability Quarterly report, 16 Apr. - 16 Jul. 1962	1962
19700094879	Interplanetary picture transmission using the edge detection system	1962
19700095055	A reliability assessment of the Nimbus spacecraft	1962
19700095119	Review of progress in design, development construction and test of tape recorder system for MRIR subsystem and telemetry subsystem for the Nimbus satellite Quarterly progress report, 26 Apr. - 31 Dec. 1961	1962
19700095374	SHILLELAGH guided missile subsystem /U/ Interim technical report, Jul. - Sep. 1962	1962
19700095381	Aerodynamic stability and control report for the Sparrow 3 model XAAM-N-6b and YAAM-N-6b missile /U/	1962
19700096321	Preliminary spacecraft performance specification, Project Apollo	1962
19710064710	Bacterial penetration of the millipore microtube cartridge filter	1962
19710064726	Bacterial penetration of Robbins BCO filter	1962
19710064872	Wind-tunnel Measurements at Mach Numbers from 3 to 5 of Pressure and Turbulent Heat Transfer on a Blunt Cone-cylinder with Flared Afterbody	1962
19710064884	Transonic Longitudinal and Lateral Aerodynamic Characteristics of a Preliminary Concept of a First-stage Horizontal-take-off-and-horizontal-landing Recoverable Booster with a 70 Deg Delta Wing	1962
19710064921	Transonic dynamic longitudinal stability characteristics of six ballistic reentry configurations designed for supersonic impact	1962
19710064928	Transonic aerodynamic characteristics of a horizontal take off and horizontal landing recoverable booster concept with upper stages arranged in parallel	1962
19710064947	The wind-induced loads on a dynamically scaled model of the Dyna Soar glider and Titan 2 booster in launch position	1962
19710064974	Transonic stability of a preliminary vertical-take-off launch configuration with a horizontal-landing recoverable booster	1962
19710065456	National Severe Storms project report no. 10 - Some measured characteristics of severe storm turbulence	1962
19710065830	Use of a mixture of molten halides as the electrolyte in a fuel cell functioning at high temperature	1962
19710065832	What's new in astronautics	1962
19710065833	On lunar magnetism	1962
19710065834	On the thermal equilibrium of electrons in the chromosphere	1962
19710065845	Magnetic storm effects on cosmic rays in the solar activity minimum	1962
19710065849	Working conditions and their sanitation in electric welding of aluminum and aluminum alloys	1962
19710065851	Oxygen electrodes for a high-temperature fuel cell	1962
19710065853	Aeronomical problem of neutral helium and hydrogen	1962
19710065864	The outer radiation belt of the earth at 320 km altitude	1962
19710065865	Density of meteor matter in interplanetary space in relation to the possible existence of a dust cloud around the earth	1962
19710065869	Radiation measurements during the flight of the third Soviet cosmic rocket	1962
19710065876	Effect of a local increase in conductivity of the E-layer of the ionosphere on the Sq-variation of the earth's magnetic field	1962
19710065940	Calculation of wings of a form in any plane in supersonic regime	1962
19710065954	Preliminary results of observations of the ionospheric effect during the solar eclipse of 15 February 1961	1962
19710065965	On the generation of plasma waves by solar corpuscular streams	1962
19710065969	Random parametric effects in certain problems of aeroelasticity	1962
19710065970	On a difference in the dimensions of photospherical granules in the vicinity and far from the sunspot penumbra	1962
19710065978	Structural characteristics of fatigue fractures of specimens and parts made of heat-resistant alloys	1962
19710066005	Determination of forces and moments of forces of light pressure acting upon a body as it moves in cosmic space	1962
19710066043	Cosmic ray equator according to data of the second Soviet spaceship	1962
19710066044	Solution by asymptotic expansion of the linearized equation governing supersonic flows about three-dimensional obstacles	1962
19710066053	Molecular nitrogen in the upper atmosphere	1962
19710066060	Development, calculation, and planning of helical neutron chopper	1962
19710066061	Radar method of determining the coefficient of electron affixion to neutral molecules in the meteor zone region	1962
19710066084	Electrochemical charge-transfer distribution in power electrodes. 3 - A theoretical study of potential and current distribution in electrode channels	1962
19710066091	Formation of Frauhofers lines in the presence of a magnetic field	1962
19710066092	Oxygen reduction on electrodes of low-temperature fuel cells. 1 - Reduction at the line of triple contact between electrode, electrolyte, and gas	1962
19710066096	Concerning the connection between red shift and apparent luminosity	1962
19710066104	Ionosphere temperature measurement beginning from the rotation spectrum of the AIO molecule	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710066121	On interpolatively averaged variants of the canonical problem in celestial mechanics	1962
19710066122	On particle acceleration in the earth's outer radiation belt	1962
19710066123	Theory of the Coulomb scattering of fast electrons in the earth's outer radiation zone	1962
19710066126	Solar radioburst at 28 Mc/s frequency on 12 July 1961	1962
19710066136	Night effects on long waves of ionospheric disturbances with s c	1962
19710066141	Search for antimatter in cosmic rays and in cosmic space	1962
19710066148	Measurement of electrostatic field strength at the surface of a rocket flying in the ionosphere	1962
19710066149	On complete averaging with several intermediate elements in the cononical problem of celestial mechanics	1962
19710066150	On probabilities for extreme values of sums of random variables defined on a homogeneous Markov chain with a finite number of states	1962
19710066158	Investigation of the composition of tektites. 2 - Moldavites	1962
19710066159	Investigation of deuterium in the sun	1962
19710066160	Experimental investigation of the ablation of bodies by hypersonic flow	1962
19710066161	Investigation of the intensity of charged particles during the flights of the second and third spaceships-satellites	1962
19710066162	Effect of the high altitude thermonuclear explosion of 9 July 1962 on the resonance of the earth's ionosphere cavity. 2 - Interpretation	1962
19710066163	Configurations of high frequency electromagnetic fields in association with a magnetostatic field with the view of confining a plasma	1962
19710066164	Fuel cells. Part 2 - Preoxidation of the sintered nickel electrode	1962
19710066176	Effects in the ionosphere observed in Gorkiy during the periods of solar eclipses on 2 December 1956 and 15 February 1961	1962
19710066177	On the nature of solar high-energy particles	1962
19710066178	Cytogenic effect of ionizing radiation and streptomycin	1962
19710066179	On the shattering of high-strength hard glass	1962
19710066180	Effect of a high-altitude thermonuclear explosion of 9 July 1962 on the resonance of the earth's ionosphere cavity, 1	1962
19710066188	Investigation of the sun's X-ray radiation 1 - Measurements with the help of geophysical rockets	1962
19710066190	Study of the transit time Sun-Earth of geomagnetic disturbances	1962
19710066191	On measurement of the spectral density of a noise in geophysics - Application to the earth's ionosphere cavity	1962
19710066192	Relativistic magnetohydrodynamics' equations	1962
19710066204	Radiation measurements in the outer radiation belt on 12 February 1961 during the rocket flight toward Venus	1962
19710066212	Recombination in the Es-layer in nighttime	1962
19710066213	On statistical investigation of dynamic systems	1962
19710066214	Measurement of radiation doses on the second, fourth and fifth spaceship-satellites	1962
19710066215	A new type of geophysical effect, connected with the solar flare of 3 July 1957 and observed at the Dumont d'Urville Antarctica station	1962
19710066216	New indications on the existence of extensive atmosphere showers attributable to the primary photons	1962
19710066218	Dosimetric measurements on the second Soviet spaceship-satellite	1962
19710066219	Structure of the moon's surface and investigation of the first photographs of its far side	1962
19710066220	Detection of the inner radiation belt at 320 km altitude in the region of the South Atlantic magnetic anomaly	1962
19710066221	Preliminary results of investigation of the sun's X-ray radiation with the help of rockets and spaceships	1962
19710066223	Investigation of the variations of cosmic ray intensity and of corpuscular flux properties during the magnetic storm in July 1958	1962
19710066883	Environmental factors influencing idea production in a research laboratory	1962
19710068543	Apollo and the Unmanned Program	1962
19710069954	Low-speed longitudinal aerodynamic characteristics associated with variations in the geometry of the fixed portion of a variable-wing-sweep airplane configuration having an outboard pivot	1962
19710070029	A compilation of the longitudinal stability characteristics of the Mercury capsule-booster configurations	1962
19710070036	Structural heating experiences on the X-15 airplanes	1962
19710070171	Investigation of heat transfer on a simulated 82 deg swept delta wing in free flight at angle of attack at Mach numbers up to 9.8	1962
19710070525	An Investigation to Determine the Stability Characteristics of Three Supersonic-Impact Ballistic Reentry Shapes at Mach Numbers from 1.2 to 4.2	1962
19710070639	Response of windows to random noise	1962
19710070928	Thermal modeling of a simulated JPL spacecraft. Phase 1 results	1962
19710074126	Requirements for advanced technical development for spacecraft environment simulation - A report to the NASA Advanced Spacecraft Technology Steering Committee by the Ad Hoc Working Group on Spacecraft Environment Simulation	1962
19710074228	Preliminary Design Report Appendices Saturn S-4B System	1962
19710074390	Saturn SA-2 technical information handbook, volume 1 /U/	1962
19710074391	Saturn SA-2 technical information handbook, volume 2 /U/	1962
19710074606	Manned Lunar Landing Program Mode Comparison /U/	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075159	Lunar logistics system - Utility of lunar groundwave propagation	1962
19710075253	Apollo rendezvous simulator study /U/	1962
19710075534	Feasibility study of escape systems for US Navy helicopters	1962
19710075775	Failure reporting and corrective action plan	1962
19710076027	Apollo program 25 IRIG Monthly report, Nov. 1962	1962
19710076217	Apollo integration and checkout Monthly progress report, May 1962	1962
19710076275	Hypersonic Shock Tunnel Tests of the.05 Scale Apollo Force Model FS-8	1962
19710076416	Test methods for determination of flammability properties of aircraft materials	1962
19710077114	Integral method solution for a dissociated laminar boundary layer applied to a hypersonic reentry body	1962
19710077572	Contractor qualifications	1962
19710077756	Radar performance analyzer AN/UPM-120 /XN-1/ /U/ Final development report, 1 Jan. 1960 - 30 Jun. 1962	1962
19710077812	On the origin of the rollers off the island of Ascension	1962
19710077844	On the surf along the coasts of the Atlantic islands of Ascension and St. Helena	1962
19710077915	Test plan, NASA Project Apollo test launch vehicle Little Joe 2	1962
19710078081	Reliability plan. Part 1 - Reliability program plan, NASA Project Apollo test launch vehicle, Little Joe 2	1962
19710078120	Concurrent two-phase flow of liquids and gases in horizontal piping	1962
19710078150	Ground Station Data Processing, Ground Antenna and System Studies, Trajectory Dynamics and Orbital Coverage Letter Report, 1-28 Feb. 1962	1962
19710078523	Project Apollo end item specification boilerplate number 6	1962
19710078680	Massachusetts Institute of Technology, Lincoln Laboratory letter report	1962
19710078921	Apollo support program Monthly progress report, Jul. 1962	1962
19710079007	The development of requirement for advanced vehicle electronics systems and matching ground operational support equipment and systems	1962
19710079260	Apollo 16 PIP program plan /U/	1962
19710079926	Quantitative measurements on electricity production by the waterfall effect on ice	1962
19710080279	Boundary layer flows in radial pressure gradients	1962
19710081401	Evaluation of the helicopter load and hovering computer Final report	1962
19710081402	Evaluation of the SWE-1165 blade tracker Final report, 8 Aug. 1961 - 1 Feb. 1962	1962
19710081403	Qualitative flight evaluation of the torque- bias, throttle-governor and yaw-damper systems for the Hiller H-23D helicopter Final report	1962
19710081543	Evaluation of a Grumman TBM-3 air tanker Final report	1962
19710081544	Helicopter airspeed system investigations Final report, May - Aug. 1962	1962
19710081559	Limited evaluation of the Bell model 47J-2 Final report	1962
19710081560	Flight test evaluation of a TB-25N aerial tanker Final report, 7 Nov. - 16 Dec. 1961	1962
19710081994	Safety and operations manual for the NOL hyperballistics ranges and shock tunnels	1962
19710082233	Technical evaluation of TACAN beacon- transponder AN/TRN-17 Final report	1962
19710082449	Apollo guidance and navigation - Technical data release procedures	1962
19710082644	Preliminary report of investigation of major aircraft accident involving JF-89D, 51-418 /N-2234/ near El Paso, Texas on 7 December 1961	1962
19710082715	Apollo lunar liftoff propulsion	1962
19710082867	Pretest report for transient pressure tests of the Apollo PSTL-1 model in Ames unitary wind tunnels	1962
19710082871	Drawing list, apollo spacecraft complete Technical report, 13-24 Aug. 1962	1962
19710082883	Apollo support program Monthly financial report, Aug. 1962	1962
19710082887	Apollo integration and checkout Monthly progress report, May 1962	1962
19710082912	Structural analysis of the 0.055-scale Apollo transient pressure model /PSTL-1/	1962
19710082915	Pretest report for Apollo force model FS-4 in the Arnold Center VKF Hotshot 2	1962
19710082916	Apollo interface coordination and control methods document between Massachusetts Institute of Technology, Space and Information Systems Division	1962
19710082917	Apollo radiation shielding Status report	1962
19710083022	Pretest report for static pressure tests of the Apollo PSTL-1 model in Ames unitary wind tunnels	1962
19710083030	Drawing list - Apollo spacecraft complete	1962
19710083035	Specification for attitude control subsystem for use in the Little Joe 2 test launch vehicle	1962
19710083090	Industrial facilities - Apollo spacecraft propulsion systems development facility, NASA industrial test area, Las Cruces, New Mexico, appendix A	1962
19710083105	Apollo systems test and operations, reliability assessment Summary report	1962
19710083114	Recommended data system for the Apollo support program	1962
19710083119	Structural analysis of the 0.02-scale FSL-1 Twt wind tunnel test	1962
19710083120	Program for determining the thermal environment and temperature history of orbiting space vehicles	1962
19710083121	Design specifications for the stabilization and control system manual controls	1962
19710083141	Drawing list - Apollo spacecraft complete	1962
19710083158	Drawing list - Apollo spacecraft complete	1962
19710083159	Drawing List - Apollo Spacecraft Complete	1962
19710083165	Drawing list - Apollo spacecraft complete	1962
19710083190	Apollo spacecraft complete drawing list, 8-19 October 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083193	Drawing list, Apollo spacecraft complete, 10-21 September 1962	1962
19710083195	Apollo monthly failure summary	1962
19710083200	Midcourse correction trainer preliminary specification, project Apollo spacecraft	1962
19710083216	Radiation shielding Quarterly status report	1962
19710083219	Drawing list, Apollo spacecraft complete, 22 October - 3 November 1962	1962
19710083270	Specification for azimuth trucks /including electric motors and controller/, Little Joe 2, launcher and test launch vehicle	1962
19710083303	Pilot evaluation of Bell model XV-3 vertical take-off and landing aircraft Final report	1962
19710083384	Attitude control trainer preliminary specification project Apollo spacecraft	1962
19710083395	Test and model information for wind tunnel tests of an 0.02 scale force model /FSL-1/ of the Apollo in the NACAL wind tunnel	1962
19710083398	Apollo hardware utilization list	1962
19710083399	Project Apollo still photographic documentation submittal no. 7	1962
19710083400	Project Apollo still photographic documentation submittal no. 8	1962
19710083403	Measurements of stress on parallel beams and mounted surfaces in the exhaust stream of a rocket propelled body	1962
19710083433	Apollo program facilities requirements for North American Aviation, Inc. Space and Information Systems Division, GFY 1962 - 1963	1962
19710083434	Pretest report for the .02 scale Apollo heat transfer model /H-1/ in the 21 inch JPL-HWT	1962
19710083438	Apollo paraglider design data	1962
19710083459	Apollo support program Monthly progress report, Sep. 1962	1962
19710083465	Preliminary data submittal document for Project Apollo spacecraft	1962
19710083478	NASA industrial facilities appendix for Apollo program machinery and equipment requirements /screening only/, volume 4	1962
19710083479	Pretest report for transient pressure tests of the Apollo PSTL-1 model in Ames unitary wind tunnels	1962
19710083494	Apollo support program Monthly progress report, Jun. 1962	1962
19710083507	Theoretical thrust augmentation through gas dynamic mixing	1962
19710083512	Apollo spacecraft description boilerplate 27	1962
19710083529	Pretest report for the 0.045 scale Apollo force model, FS-3, wind tunnel tests in the von Karman Gas Dynamics Facility, tunnels A, B, and C	1962
19710083530	GFAE required at Downey, California for Project Apollo spacecraft	1962
19710083540	Preliminary specification, boilerplate number 8, command module for water egress flotation, recovery aids, habitability and logistics equipment	1962
19710083542	Pretest report for a 0.030 scale Apollo dynamic stability model /FD-1/ in the JPL wind tunnels	1962
19710083549	Monthly weight and balance report for the Apollo vehicle, April 1962	1962
19710083552	Preliminary specification mockup number 7, complete second stage service module, project Apollo spacecraft	1962
19710083553	Preliminary performance specification communications and instrumentation subsystem, project Apollo spacecraft	1962
19710083555	Test and model information for wind tunnel tests of an 0.02 scale force model /FSL-1/ of the Apollo in the NAA trisonic wind tunnel	1962
19710083556	Apollo integration and checkout Monthly progress report, Apr. 1962	1962
19710083559	Pretest report for the .045 scale Apollo heat transfer model /H-2/ in the AEDC-VKF hypersonic tunnels B and C	1962
19710083560	Industrial facilities. Volume 2 - Apollo program, design, development and fabrication facilities	1962
19710083562	Pretest report for the 0.105 scale Apollo force model /FS-2/ in NAA trisonic wind tunnel	1962
19710083563	Apollo associate contractor operating procedure between Massachusetts Institute of Technology, Space and Information Systems division	1962
19710083564	Qualification reliability test plan	1962
19710083569	Preliminary drawing and specification standards report	1962
19710083585	Service module reaction control subsystem trainer preliminary specification, Project Apollo spacecraft	1962
19710083586	Command module reaction control subsystem trainer preliminary specification, Project Apollo spacecraft	1962
19710083615	Earth landing subsystem trainer preliminary specification, Project Apollo spacecraft	1962
19710083618	Apollo support program. Phase 1 - Apollo design and test practices standards Final study report	1962
19710083620	Test and model information for wind tunnel tests of an 0.105-scale force model /FS-2/ of the Apollo in the Ames 11 by 11 ft, 9 by 7 ft and 8 by 7 ft unitary plan wind tunnels	1962
19710083624	Apollo support program Monthly progress report, Aug. 1962	1962
19710083628	Environmental control subsystem trainer preliminary specification, Project Apollo spacecraft	1962
19710083629	Instrumentation subsystem trainer preliminary specification, Project Apollo spacecraft	1962
19710083635	Apollo reliability program plan	1962
19710083645	Launch escape subsystem trainer preliminary specification, Project Apollo spacecraft	1962
19710083646	Communications subsystem trainer preliminary specification, Project Apollo spacecraft	1962
19710083647	Service module propulsion subsystem trainer preliminary specification, Project Apollo spacecraft	1962
19710083651	Structural analysis of the 0.040 scale Apollo wind tunnel models FS-4 and PS-4	1962
19710083653	Electrical power supply subsystem trainer preliminary specification, Project Apollo spacecraft	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083657	Apollo integrated checkout program. Volume 6 - Checkout concepts and developments for the ground operational support system in relation to the Apollo program	1962
19710083666	Structural analysis of the 0.020 scale Apollo heat transfer model /H-1/	1962
19710083668	Investigations concerning the nondestructive testing of fiber glass reinforced plastics by ultrasonic means	1962
19710083669	Pretest report for the Apollo pressure model /PS-4/ in the Arnold Center VKF Hotshot 2	1962
19710083680	Apollo subcontracts cost review	1962
19710083681	Design review	1962
19710083682	Preliminary specification, mockup number 3, command module cabin interior arrangement, Project Apollo spacecraft	1962
19710083688	Apollo support program Monthly progress report, Nov., 1962	1962
19710083710	Moon base operations trainer preliminary specification - Project Apollo spacecraft	1962
19710083721	Earth orbital trainer preliminary specification Project Apollo spacecraft	1962
19710083723	Structural analysis of the 0.030-scale Apollo dynamic stability model /FD-1/	1962
19710083732	Apollo integrated checkout program. Volume 4 - Checkout concepts and developments for the Apollo spacecraft at The Manned Spacecraft Center, Preflight Operations Division	1962
19710083747	Preliminary report on Apollo and related reliability and maintainability programs	1962
19710083749	Pretest report for the 05-SCALE Apollo force model FS-8 in the Cornell Aeronautical Laboratory 48 inch hypersonic shock tunnel	1962
19710083750	Propulsion control trainer preliminary specification - Project Apollo spacecraft	1962
19710083753	Weightless procedures trainer, preliminary specification - Project Apollo spacecraft	1962
19710083754	GFP required at Space and Information Systems Divison facilities, contractors and off site bases for Project Apollo spacecraft	1962
19710083757	Apollo vehicle Monthly weight and balance report, Jun. 1962	1962
19710083758	Apollo vehicle Monthly weight and balance report, Jul. 1962	1962
19710083762	Test and model information for wind tunnel tests of an 0.02 scale force model /FSL-1/ of the Apollo in the Arnold Center VKF wind tunnels A, B, and C	1962
19710083788	Pretest report on the .05-scale Apollo pressure model PS-5 in the Cornell Aeronautical Laboratory hypersonic shock tunnel	1962
19710083789	Preliminary specification, non-NAA ground support equipment interface requirements - Project Apollo	1962
19710083790	Pretest report for the 0.105-scale Apollo force model FS-2 in the Ames 11 ft, 9 ft by 7 ft, and 8 ft by 7 ft UPWT	1962
19710083794	Monthly weight and balance report for the Apollo spacecraft	1962
19710083795	Monthly weight and balance report for the Apollo vehicle	1962
19710083797	Apollo integrated checkout program. Volume 6 - Checkout concepts and developments for the ground operational support system in relation to the Apollo program	1962
19710083845	Specification for reaction control monopropellant portion of the attitude control subsystem of the Little Joe 2 launch test vehicle	1962
19710083858	Apollo GSE performance and interface specification. Volume 3 - Handling equipment	1962
19710083859	Apollo design review	1962
19710083874	Apollo support program Monthly progress report for Oct. 1962	1962
19710083892	Earth re-entry trainer preliminary specification Project Apollo spacecraft	1962
19710083903	Apollo integrated checkout program. Volume 3 - Checkout concepts and developments for the Saturn launch vehicle at the Marshall Space Flight Center	1962
19710083908	Apollo system specification, ground rules Program requirement document	1962
19710083932	Statement of work, Apollo command module, heat shield ablative panels	1962
19710083947	Apollo checkout and GSE concept	1962
19710083955	Pretest report for tests of Apollo FD-3 dynamic stability models in the AEDC VKF tunnels A and C	1962
19710083960	Pretest report for the 0.10 scale Apollo drogue parachute model FDC-1 in the Langley 16 foot transonic dynamics tunnel	1962
19710083961	Structural analysis of the Apollo 0.045 and 0.059 scale dynamic stability models /FD-3/	1962
19710083963	Mock-up inspection plan	1962
19710083964	Stabilization and control subsystem trainer preliminary specification, project Apollo spacecraft	1962
19710083977	The .045-scale Apollo heat transfer model /H-2/ and /HL-1/ in the Langley unitary plan wind tunnel Pretest report	1962
19710083983	Pretest report for the 0.055 scale Apollo pressure model /PSTL-1/ in NAA trisonic wind tunnel	1962
19710084002	Apollo GSE performance and interface specification /auxiliary equipment/, volume 1	1962
19710084007	Egress trainer preliminary specification, project Apollo spacecraft	1962
19710084018	Pretest report for the 0.045-scale Apollo heat transfer models H-2 and HL-1 in the AEDC-VKF hypersonic tunnel C	1962
19710084058	Apollo integrated systems GSE concept, boilerplates 3 and 19	1962
19710084061	Pretest report for the 0.045-scale Apollo pressure model PS-3 in the AEDC von Karman Gas Dynamics Facility A, B and C tunnels	1962
19710084062	Apollo environmental criteria for use in subcontractor specifications	1962
19710084071	Pretest report for the 0.02-scale Apollo heat transfer models H-1 and H-9 and pressure model PS-1 and PS-9 in the AEDC-VKF hypersonic tunnel C	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084072	Structural analysis of the Apollo 0.10-scale FDC-1 dynamic stability drogue chute model	1962
19710084079	Apollo GSE performance and interference specification /checkout and control equipment/, volume 2	1962
19710084096	Apollo design review	1962
19710084098	Structural analysis of the 0.02 scale Apollo wind tunnel models /FS-1 and PS-1/	1962
19710084106	Apollo GSE performance and interface specification /servicing equipment/, volume 4	1962
19710084120	Apollo integrated checkout program. Volume 5 - Checkout concepts and development for the Apollo space vehicle at launch operations center	1962
19710084124	Navigation and guidance subsystem trainer, preliminary specification Project Apollo spacecraft	1962
19710084126	Monthly weight and balance report for the Apollo vehicle, August 1962	1962
19710084130	NASA industrial facilities appendix. Volume 3 - Machinery and equipment requirements	1962
19710084159	Structural analysis of the 0.055-scale Apollo dynamic stability model /FD-2/	1962
19710084437	Broadband wide aperture radio location antenna system. Supplement - The bent log-periodic zigzag antenna	1962
19710084451	Office of Manned Space Flight requirements for data in support of Project Apollo, no. 1	1962
19710084452	C-5 trajectory characteristics	1962
19710084596	Drop test evaluation of Mark 11 auxiliary torso fuel tank. Final report	1962
19710084678	Accuracy of satellite orbital elements determined after one pass through the Navy space surveillance system /C/	1962
19710085763	Ground support equipment requirements and utilization for Saturn S-2 stage development program	1962
19710086221	Instrumentation for the Apollo planned landing areas	1962
19710086237	C-135A flight and ground test program summary	1962
19720063627	A comparison of aerodynamic data obtained in air and helium in the Langley 11-inch hypersonic tunnel	1962
19720063628	Investigation of heat transfer and pressures on highly swept flat and dihedralized delta wings at Mach numbers of 6.8 and 9.6 and angles of attack to 90 deg	1962
19720063634	Simulator investigation of the control requirements of a typical hypersonic glider	1962
19720063642	Design and performance of a six-stage 8-inch-mean-diameter reentry turbine	1962
19720063670	Analytical study of poststall motions, including spins and recoveries therefrom, of a boostglide configuration similar to the Dyna-Solar	1962
19720063744	Preliminary performance analysis of air launching manned orbital vehicles	1962
19720063763	Static stability and control characteristics of a proposed winged reentry vehicle at Mach numbers of 1.50, 2.96, and 4.63	1962
19720063764	Wind-tunnel investigation of the static longitudinal aerodynamic characteristics of a modified model of a proposed Apollo atmospheric abort configuration at Mach numbers from 0.30 to 1.20	1962
19720063765	Investigation of the flight characteristics of a 1/5-scale model of a Dyna-Soar glider configuration at low subsonic speeds	1962
19720063767	Effects of booster transition section and rudder deflection on the low angle-of-attack static stability of a winged reentry vehicle at Mach numbers of 10.8 and 17.8 in helium	1962
19720063772	Investigation of the low-subsonic flight characteristics of a model of a reentry configuration having a 75 deg delta wing	1962
19720063775	Static longitudinal aerodynamic characteristics of a 0.028-scale model of a proposed Little Joe-Apollo space vehicle at Mach numbers from 0.50 to 1.20	1962
19720064124	Moon-Venus-Mars view period table	1962
19720064125	Optimum statistical operations with celestial fix data for interplanetary navigation	1962
19720065123	Application of the Ames atmosphere entry simulator to satellite entry	1962
19720065124	The effect of bow-shock-flare-shock interaction on the static longitudinal stability of flare-stabilized bodies at hypersonic speeds	1962
19720065125	Transonic aerodynamic characteristics of a supersonic canard-airplane model modified for use as a recoverable air-breathing booster	1962
19720065126	Experimental results of the pressure distribution on a blunt nose conical afterbody lunar mission spacecraft with four nose edge radii for a Mach number of 6.0 and an angle of attack range of 0 deg to 50 deg	1962
19720065127	Pressure distribution on a flat-bottom canted nose half-cone reentry configuration at a Mach number of 6.0	1962
19720065128	Static longitudinal aerodynamic characteristics of a 0.028 scale model of a proposed Little Joe-Apollo space vehicle at Mach numbers from 1.50 to 2.16	1962
19720065132	Characteristics of a Blunt Half-Cone Entry Configuration at Mach Numbers from 10.9 to 21.2 in Helium	1962
19720065134	An exploratory investigation of fins as stabilizers for blunt-nosed slender bodies at hypersonic speeds	1962
19720065350	Longitudinal and lateral aerodynamic characteristics at Mach numbers of 1.61 and 2.20 of a variable sweep tactical fighter model with wing sweeps of 65 deg, 85 deg, and 106 deg	1962
19720065354	Transonic longitudinal aerodynamic characteristics of a variable-sweep tactical-fighter model with wing sweeps of 25, 65, 85, and 160 degrees	1962
19720065355	Longitudinal and lateral aerodynamic characteristics at Mach numbers from 0.60 to 2.20 of a variable sweep fighter model with wing sweep angles from 25 deg to 75 deg	1962
19720065379	Transonic stability and control characteristics of a model of a supersonic target missile employing an offset engine nacelle	1962
19720065380	Determination of ballistic missile dispersion by use of first order perturbation theory	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720065382	Longitudinal and lateral aerodynamic and stability characteristics of a model of a preliminary design hydrogen-fuel hypersonic delta-wing vehicle at Mach numbers of 6.86 and 10.03	1962
19720065383	Some effects of engine nonlinearities on the wind induced bending moments on a space vehicle booster configuration	1962
19720065384	Aerodynamic characteristics of a flat-bottom canted-nose half-cone reentry configuration at a Mach number of 6.7	1962
19720065385	Transonic aerodynamic characteristics of an air-launched two-stage missile with cruciform wings and booster fins	1962
19720065397	Analog investigation of longitudinal flight-path characteristics of an airplane nose section serving as an escape capsule	1962
19720065528	Effect of model modifications on the transonic drag characteristics of a variable wing sweep airplane configuration having an outboard wing pivot	1962
19720065532	Low-speed investigation of the effects of horizontal-tail height and extension of the wing root leading edge sections on a variable sweep supersonic transport configuration	1962
19720065534	Low-speed wind-tunnel stability investigation of a supersonic transport model with variable sweep wings equipped with high lift devices	1962
19720065638	Preliminary investigation of subsonic and transonic longitudinal aerodynamic characteristics of a variable-sweep airplane configuration having externally mounted engines	1962
19720065657	Aerodynamic characteristics at a Mach number of 2.01 of a variable-sweep airplane configuration with body-mounted podded engines and having an equivalent body fineness ratio of 9.8	1962
19720065658	Heat transfer and pressure distributions at a Mach number of 6 for 70 deg swept slab wings with sharp and spherical noses and cylindrical leading edges	1962
19720065667	Investigation of heat transfer on a finned body in the region of fin-body interference in free flight at Mach numbers up to 11	1962
19720065668	Transonic aerodynamic characteristics of three V/STOL fighter models with variable sweep or skewed wings and different engine installations	1962
19720065669	Pressure distributions on the cylindrical portion of a missile with cruciform wings at transonic speeds	1962
19720065670	Transonic dynamic stability characteristics in pitch and in yaw for a model of a variable-sweep airplane configuration capable of low-level supersonic attack	1962
19720065671	An investigation of the structural characteristics of a simplified model of a variable-sweep wing	1962
19720065672	Low-speed wind-tunnel investigation of the aerodynamic characteristics of a hypersonic airplane model with variable wing geometry	1962
19720066447	Exposure of man to low intensity magnetic fields	1962
19720066576	Electrical insulators for very high temperatures	1962
19720068012	Probabilistic models for predicting system reliability	1962
19720068013	Probabilistic models for predicting system reliability: Application to Centaur inertial guidance system	1962
19720068014	On the maximum of a normal stationary stochastic process	1962
19720068015	Reliability of a linear system with random inputs: An example of the use of the spectral moments	1962
19720068017	On the normal stationary process: Areas outside given levels	1962
19720068021	Notes on extreme values of normal stationary processes	1962
19720068022	Notes on spectral analysis of linear systems	1962
19720068032	Geologic map and sections of the Kepler region of the moon	1962
19720068915	Pretest report for the 0.040-scale Apollo heat transfer and pressure model, H-7, in the AEDC-VKF tunnel F	1962
19720069019	A preliminary study of the communications and data subsystem requirements for a manned, lunar-orbital-rendevous shuttlebug	1962
19720069038	Reliability assessment. Apollo systems test and operations summary report	1962
19720069087	Technical directive procedures for Apollo G and N system participating contractors	1962
19720069099	Boilerplate no. B25, command module for water recovery procedures and handling equipment development	1962
19720069101	Preliminary reliability assessment implementation plan	1962
19720069119	Definitions and objectives, Apollo ground support equipment, sections 1, 2, 3, and 4	1962
19720069163	S-2 engineering briefing	1962
19720069169	Technical data release procedures	1962
19720069197	Pretest report for a 0.08-scale Apollo structural dynamics model (SD-1) in the NASA Langley transonic dynamics wind tunnel	1962
19720069205	S-2 environmental data for GSE	1962
19720069233	Apollo wind tunnel program report	1962
19720069234	Apollo wind tunnel program report	1962
19720069360	Notes on development type materiel for the XM50 rocket (U)	1962
19720069663	Apollo guidance and navigation system: Apollo IMU shipping container, adaptation of Polaris guidance shipping container	1962
19720069672	Twenty-five IRIG: Apollo program	1962
19720069682	Saturn S-2 contractual specification tree	1962
19720069683	Saturn S-2 reliability plan	1962
19720069685	Saturn SA-2 prelaunch testing and check-out reliability study	1962
19720070575	Theoretical analysis of the sliding abrasion between hook point and deck pendant	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071642	Feasibility study of shipboard utilization of airborne ASW displays (U)	1962
19720072075	Economics of the trade-off among reliability, maintainability and supply	1962
19720072122	Reliability program plan	1962
19720072171	Calculated sound levels resulting from launch of a Saturn vehicle	1962
19720073783	Air Force Hypersonic Research (A Two-Year Plan for Coordination with NASA Planning)	1962
19720073873	High-data-rate system for the Artemis long-range ocean surveillance project (U)	1962
19720074028	Monthly report, 1-28 February 1962	1962
19720074038	Equations for two-dimensional analysis of touchdown dynamics of spacecraft with crushable legs	1962
19720074326	PCM/computer checkout development for Apollo spacecraft POD task no. 3	1962
19720075364	Hazards to Apollo from solar proton radiation	1962
19720075365	Apollo report on communication and tracking system planning	1962
19720075406	Apollo navigation and trajectory control trainer	1962
19720075417	Apollo analog television system and study program	1962
19720075558	Space power plant study	1962
19720075560	Effects of liquid propellant explosions on nuclear rocket engines	1962
19720075561	Space power plant study	1962
19720075569	Quality program provisions for space system contractors	1962
19720075605	Saturn D (nuclear rocket upper stage) mission studies	1962
19720075776	Saturn D nuclear rocket upper stage mission study. Volume 1: Principle study results	1962
19720075777	Saturn D nuclear rocket upper stage mission study. Volume 2: Appendices	1962
19720075783	Advanced vehicle RF communications system and matching ground operational support equipment and systems, 28 February 1962	1962
19720075784	Advanced vehicle RF communications system and matching ground operational support equipment and systems, 30 March 1962	1962
19720075785	Advanced vehicle RF communications system and matching ground operational support equipment and systems, 30 April 1962	1962
19720075929	The scattering of sound in a turbulent and thermally random medium by the method of bilocal perturbations	1962
19720076212	Space power plants	1962
19720077044	Vibration analysis: Sprint missile (flared and finned) (U)	1962
19720077409	Progress in the development of a direction finding system utilizing the 8-loop fixed spaced loop antenna: Direction finder radio, shipboard siting and design, study and development	1962
19720077498	Title classified	1962
19720077770	Electrostatic Gyroscopes for Spacecraft	1962
19720077773	An Investigation of the Potential Applicability of Titan-Based Space Boosters to the JPL Lunar and Planetary Program	1962
19720079454	High-strength titanium-base beta alloy	1962
19720079757	Evaluation of high dielectric ceramic capacitors (subtask 1C)	1962
19720079758	Evaluation of miniature dipped mica capacitors (subtask 1D)	1962
19720079759	Evaluation of sealed glass dielectric variable capacitors (subtask 1E)	1962
19720079830	A program to compute the total irradiation dosage received by solid fuel rocket motors	1962
19720080001	Monthly progress letter on F-1 engine system, period ending 31 March 1962 (U)	1962
19720080775	Evaluation of subminiature high-temperature ceramic capacitors (subtask 1B)	1962
19730061026	A statistical optimizing navigation procedure for space flight	1962
19730061718	GOSS performance requirements	1962
19730062509	Apollo Heat Shield Test Plan	1962
19730062931	Theoretical shock-layer plasma flow properties for the slender probe and comparison with the flight results	1962
19730063314	Space programs summary no. 37-14, volume 2, 1 January - 1 March 1962	1962
19730063843	Orbital launch operations. Volume 3: Navigation guidance and rendezvous	1962
19730063914	Orbital launch operations. Volume 7: Secondary power	1962
19730064051	Quarterly Summary Report no. 38-6,1 October - 31 December 1961	1962
19730064063	Design Study of a Large Unconventional Liquid Propellant Rocket Engine and Vehicle. Volume 5: Advanced Engine-Vehicle Integration Study	1962
19730064072	Orbital launch operations. Volume 4: Attitude control	1962
19730064334	Task 3, reliability assessment of the orbiting astronomical observatory	1962
19730064724	Space programs summary no. 37-15, volume 1 for the period 1 March - 1 May 1962. The lunar program	1962
19730064725	Space programs summary no. 37-15, volume 2 for the period 1 March to 1 May 1962. The planetary - interplanetary program	1962
19730064872	Space programs summary no. 37-16, volume 1 for the period 1 May - 1 July 1962. The lunar program	1962
19730064873	Spherical high-energy solid propellant rocket motor	1962
19730064885	Advanced, Space Storable Propulsion Systems	1962
19730064906	Study of large launch vehicles utilizing solid propellants, summary	1962
19730064941	NASA Project Mercury computing memorandum no. 2: Project Mercury, summary of MA-5 computing and data flow results	1962
19730064943	Direct flight Apollo study. Volume 1: Two man Apollo spacecraft	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730064946	A summary of the all-solid-propellant Nova vehicle studies and a comparison with the liquid-propellant Nova vehicle, addendum C	1962
19730064947	Study of solid propellant systems for space propulsion	1962
19730064952	Study of cluster structure and thrust vector control and study of large launch vehicles using solid propellants (Phase 2, Tasks 1 and 2)	1962
19730064996	Study of hybrid propulsion systems for Apollo lunar landings and takeoffs	1962
19730064997	Project Gemini	1962
19730064998	Project Mercury	1962
19730064999	Project Mercury	1962
19730065094	Free-Flight Investigation of The-Static Stability of Blunt-Nosed Flare-Stabilized Entry Bodies at Mach Numbers from 5 to 16	1962
19730065129	Hazards study of large solid propellant motors	1962
19730065130	Bulletin of the 18th Meeting of the JANAF-ARPA-NASA Solid Propellant Group, volume 3	1962
19730065156	Quarterly Summary Report no. 38-7 for the period 1 January - 31 March 1962	1962
19730065160	Study of large launch vehicles utilizing solid propellants, volume 2	1962
19730065207	Project Mercury: Summary of MA-7 computing and data flow results	1962
19730065235	Study of hybrid propulsion systems for Apollo lunar landings and takeoffs	1962
19730065305	Wind tunnel investigation of a supersonic fan-in-fuselage VTOL fighter model at zero and low forward speeds	1962
19730065306	Transonic longitudinal aerodynamic characteristics of a model of a tactical fighter airplane with a fixed delta wing and variable-sweep wing panels	1962
19730065312	Saturn SA-2 flight evaluation	1962
19730065328	Mercury capsule no. 16 configuration specification (Mercury - Atlas no. 8)	1962
19730065521	Optimized Extrusion Process for HAPO I and E '0' Size Tubing	1962
19730065683	Space programs summary no. 37-18, volume 5, for the period 1 October - 1 December 1962. Supporting research and development	1962
19730065749	Mercury spacecraft no. 15A configuration specification (Mercury-Atlas No. 10)	1962
19730065750	Atlas space booster flight test plan for Mercury/Atlas booster 113D	1962
19730065751	Mercury-Atlas no. 5 (MA-5) spacecraft No. 9 data analysis report	1962
19730066377	Proceedings of the Fifth Meeting of the JANAF-ARPA-NASA Thermochemical Panel	1962
19730066378	Procedures in correcting and correlating measured specific impulse data	1962
19730066379	Impulse correction procedures recommended by the static test panel	1962
19730066380	Application of the Massieu element potential method to the calculation of the equilibrium composition of a multicomponent gas phase system	1962
19730066381	Introduction to comparing the theoretical specific impulse of advanced high energy propellants under nonstandard conditions	1962
19730066382	Analysis and correlations of performance data	1962
19730066383	Motor firing data corrected to standard conditions	1962
19730066384	Performance of metallized propellants in upper stage applications	1962
19730066385	Calculation, measurement, extrapolation, and correlation of solid propellant specific impulse	1962
19730066386	Recent progress concerning thrust losses from lag phenomena	1962
19730066387	Review of recent progress in recombination lag studies concerning nozzle flows	1962
19730066388	Summary of work recently accomplished and in progress on the heats of formation of BN, Be ₃ N ₂ , BeCl ₂ , compounds between Al ₂ O ₃ and B ₂ O ₃ and compounds between Al ₂ O ₃ and Li ₂ O	1962
19730066389	The heats of formation of some inorganic fluorine compounds	1962
19730066390	Thermochemical studies at Argonne National Laboratory	1962
19730066391	Thermochemistry of NO ₂ F and NO ₃ F	1962
19730066392	Heats of formation of some gaseous species in the B-O-F-H system	1962
19730066393	Recent high temperature studies at Arthur D. Little, Incorporated	1962
19730066394	Recent thermodynamic investigations	1962
19730066395	High temperature studies of the OBF-(OBF) ₃ equilibrium using a mass spectrometer	1962
19730066396	Continued discussion of the status of heats of formation	1962
19730066397	Heats of formation of some inorganic fluorides	1962
19730066398	Heats of formation and binding energies of some N-F compounds	1962
19730066399	thermochemistry of hydrides and oxidizers	1962
19730066400	Current thermochemical studies at the Bureau of Mines	1962
19730066401	Recent thermodynamic data from the Dow ARPA program	1962
19730066402	Survey of gaps in the existing thermodynamic data for the light element compounds	1962
19730066403	The effect of specific impulse of uncertainties in the heat of formation for beryllium subfluoride	1962
19730066946	Exhaust nozzle thrust loss due to swirl	1962
19730067147	Experimental study of the reentry oxidation of NERVA fuel	1962
19730067491	Boundary detection techniques for the analysis of multi-spectral scanner data	1962
19730067539	Preliminary investigation of NERVA core destruct chemicals	1962
19730067603	NERVA program	1962
19730067604	Toxicity of NERVA reflector materials following a launch pad accident	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067609	Aerodynamic heating and oxidation of graphite in free molecule flow regime	1962
19730067619	Informal monthly progress letter, no. 9 to AEC-NASA Space Nuclear Propulsion Office for Project NERVA	1962
19730067985	KIWI B-5 shield design and fabrication, Volume 1	1962
19730067997	Radiation source strengths and dose rates for the NRX reactor assembly and components	1962
19730068035	Preliminary evaluation of future manned space flight programs	1962
19730069143	Comparative study of advanced lunar transportation systems	1962
19730069144	Comparative study of advanced lunar transportation systems	1962
19730069196	Earth lunar transportation system: Study of an advanced lunar transportation system	1962
19730069197	Saturn Quarterly Progress Report, October - December 1961	1962
19730069220	Advanced nuclear electric power generator system study, volume 1	1962
19730069288	A human factors evaluation of the Pershing Weapon System: System noise evaluation	1962
19730069344	Encapsulation of humans in rigid polyurethane foam for use as a restraint system in high acceleration environments	1962
19730069917	A study of the effect of geomagnetically trapped radiation on bare solar cells	1962
19730069944	KIWI B-5 shield. Volume 3: Thermal design and analysis	1962
19730069956	C-5 nuclear system performance characteristics	1962
19730069957	Nuclear rocket program development plan	1962
19730069963	C-5 nuclear system performance and sizing analysis	1962
19730069964	Program review: Space power, nuclear power and propulsion	1962
19730069966	Monthly technical progress report, October 1962	1962
19730069968	A study of the liquid-hydrogen utilization for NASA rocket programs	1962
19730071498	Apollo design criteria specification	1962
19730071503	Computer codes for the evaluation of space radiation hazards. Volume 3: Apollo sector analysis	1962
19730071843	Orbital launch operations. Volume 5: Computer requirements and applications	1962
19730072755	Evaluation of the AN/UQN-1E sonar sounding set	1962
19730072758	Environmental evaluation of telescopic whip antenna developed by Electric Boat Division of General Dynamics Corporation	1962
19730073357	Evaluation of a high strength columbium alloy (AS-55) for alkali metal containment	1962
19730073388	Project Mercury mission directive for Mercury-Atlas mission 8 (MA-8 spacecraft 16)	1962
19730073389	Project Mercury experimental results and analysis of ablation tests performed on Project Mercury heat shield segments in a Langley Research Center Structures Division Arc Facility	1962
19730073393	Project Mercury postlaunch report for Mercury-Atlas mission 5 (MA-5 spacecraft 9). Part 1: Mission analysis	1962
19730073394	Project Mercury postlaunch report for Mercury-Atlas mission 5 (MA-5 spacecraft 9). Part 2: Data	1962
19730073398	Project Mercury. Calculated preflight trajectory data for Mercury-Atlas mission 8 (MA-8) (spacecraft 16-Atlas 113-D)	1962
19730073884	Foundational research program at US Navy Underwater Sound Laboratory	1962
19730074121	A range prediction manual for variable depth sonar (U)	1962
19730074341	Report of the Ad Hoc Working Group for Spacecraft Power Subsystems	1962
19730074350	Computer displays	1962
19730074477	Quantitative image analysis with electronic image analyzers	1962
19730074587	Slide reprints of presentation at MSA at Houston to participating contractors	1962
19730074705	B-52H performance, stability and control evaluation (airplane 60-003)	1962
19730076343	Aircraft landing system compatibility study, F8U-2NE, AN/SPN-10	1962
19730076526	Delta Monthly Technical Progress Report, issue no. 34	1962
19730076527	Delta monthly technical progress report, issue no. 33, January 1962	1962
19730076532	Guidelines for Nova preliminary design study	1962
19730077094	Analysis of the Nippon telegraph and and telephone microwave relay system relative to assumptions used in satellite interference studies	1962
19730077104	Considerations toward the selection of electrical power systems and thermal control systems for the lunar excursion module	1962
19730077107	Evaluation of ablation heat shield material specimens incorporating electrical connectors, phase 1	1962
19730077118	A preliminary analysis of the effects of exhaust impingement on the lunar surface during the terminal phases of lunar landing	1962
19730077707	Development of catalysts for monopropellant decomposition of hydrazine	1962
19730077710	Research and development study of a magnetic induction plasma engine	1962
19730077714	F-1 quarterly progress report	1962
19730078027	Report on fast reactor activities of the United Kingdom Atomic Energy Authority and French Commissariat a l'Energie Atomique by the 1962 USA fast reactor team, 26 Mar. - 5 Apr. 1962	1962
19730078028	Design guide for pressurization system evaluation, liquid-propulsion rocket engines. Volume 2: Component analyses, detailed	1962
19730078046	Development of catalysts for monopropellant decomposition of hydrazine	1962
19730078085	Direct flight Apollo study. Volume 3: Rescue versions	1962
19730078086	Controllable thrust liquid rocket engine thrust chamber study program	1962
19730078087	Development of catalysts for monopropellant decomposition of hydrazine	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740072110	The lunar program	1962
19740072158	ASPEN 2: Two-staging and radiation shielding effects on ASPEN vehicle performance	1962
19740072201	An all-solid-propellant Nova injection vehicle system for the direct-ascent Man-on-Moon Project	1962
19740072249	Project Mercury spacecraft mission simulation. Data analysis report: Run No. 4, 21 December 1961	1962
19740072250	Study of thermal radiation associated with non-equilibrium and equilibrium flow in the Apollo flight regime	1962
19740072291	Advanced nuclear electric power generator system study. Volume 3: Rankine cycle nuclear space powerplant	1962
19740072314	Postlaunch memorandum report for Mercury-Atlas no. 6 Part 2: Data	1962
19740072318	Nuclear Propulsion for Rockets: Rover	1962
19740072370	KIWI-B1A Gamma Dose Rate Measurements	1962
19740072424	LASL Rover Program	1962
19740072813	Astronaut M. Scott Carpenter, Aurora 7	1962
19740072842	Weight and balance report	1962
19740072843	Studies of chemical propulsion systems for orbiting or landing on the moon and the near planets	1962
19740073024	SA-2 flight test data report	1962
19740073045	Results of Saturn SA-1 model base heating investigations at Mach numbers from 0.6 to 1.5 and altitudes from 10,000 to 83,000 feet	1962
19740073096	Self-deploying space station, Volume 1	1962
19740073183	Study of orbital launch operations. Volume 1: Summary	1962
19740073184	Supporting research and advanced development, no. 37-16, volume 5 for the period 1 June - 1 August 1962.	1962
19740073357	Orbital launch operations. Volume 4: Operational feasibility	1962
19740073365	Mercury-Atlas No. 6 (MA-6) Spacecraft No. 13	1962
19740073378	Quarterly summary report no. 38-9, 1 July - 30 September 1962	1962
19740073380	Space program summary no. 37-17, volume 5 for the period 1 August - October 1962	1962
19740073472	Project Mercury	1962
19740073561	Saturn C-5 Apollo launch vehicle lunar orbital rendezvous (preliminary definition)	1962
19740073624	Apollo guidance and navigation. Guidance and navigation system for lunar excursion module	1962
19740073625	Apollo guidance and navigation. Guidance an navigation system for lunar excursion module	1962
19740073647	Project Gemini	1962
19740073670	Aerodynamic evaluation of SA-2 flight	1962
19740073684	Propellant sloshing problems of Saturn test flight SA-1	1962
19740073685	Study launch operations. Volume 3: Orbital operational techniques	1962
19740073698	Quarterly summary report no. 38-8, 1 April - 30 June 1962	1962
19740073699	Space Programs Summary no. 37-16, volume 2, for the period 1 May - 1 July 1962. The planetary-interplanetary program	1962
19740073701	Supporting research and development, no. 37-15, volume 5	1962
19740074219	Space programs summary no. 37-17, volume 2 for the period 1 Jul. - 1 Sep. 1962. The planetary-interplanetary program	1962
19740074220	Research summary no. 36-12, volume 2 1 October - 1 December 1961	1962
19740074221	The Applicability of Solid Propellants for a Nova-Class Injection Vehicle and a Comparison with a Liquid Vehicle of Comparable Capability	1962
19740074241	Space Programs Summary no. 37-13, volume 2, 1 November 1961 - 1 January 1962	1962
19740074278	Pluto quarterly report no. 13, July-September 1962	1962
19740074344	Measurement of VHF signal attenuation and antenna impedence during the ascending flight of a slender probe at velocities up to 17,800 feet per second	1962
19740074345	Flight camera study of rocket exhaust RF attenuation on the NASA Scout	1962
19740074349	Technical information summary for Mercury-Atlas Mission 7 (MA-7 Spacecraft 18)	1962
19740074352	Space programs summary no. 37-18, volume 2 for the period 1 September - 1 November 1962. The planetary-interplanetary program	1962
19740074356	NASA briefing at Atomics International 21 June 1962	1962
19740074390	Quarterly summary report no. 38-6, for the period 1 October - 31 December 1961	1962
19740074438	Apollo midcourse guidance	1962
19740074440	KIWI B-5 shield. Volume 2: Radiation design and analysis	1962
19740074598	Hazard summary report for the 710 fast-spectrum reactor critical experiment	1962
19740074599	Application of the Surveyor bus as a Centaur third stage for Advent	1962
19740074700	SNAP-8 Preliminary Nuclear Hazards Evaluation	1962
19740074716	SNAP 11 Surveyor Program	1962
19740074737	Apollo rendezvous simulator study. Volume 3: Vehicle analysis propulsion	1962
19740074805	Detailed test objectives for NASA mission MA-7	1962
19740074807	RIFT S-N stage inertial systems preliminary conceptual design report	1962
19740074815	Controllable thrust chamber study program, volume 2, task 2	1962
19740074820	Controllable thrust chamber study program	1962
19740074840	Ranger and Mariner Atlas/Agenda Range Safety Analysis and Trajectory Report (Flights RA-3 and Subsequent)	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740075059	Project Gemini	1962
19740075060	Mercury-Atlas mission 8	1962
19740075200	Design study of a large unconventional liquid propellant rocket engine and vehicle. Volume 1: Summary	1962
19740075201	Flight Test Engineering Evaluation Report NASA Mission MA-6(109D)	1962
19740075262	Weight and balance report	1962
19740075285	Apollo guidance and navigation: Weight and balance report	1962
19740075313	Design study of a large unconventional liquid propellant rocket engine and vehicle. Volume 6: Design considerations for large boosters (the Martin-Marietta Corporation)	1962
19740075314	A study of rocket engine system reliability, volume 2	1962
19740075517	Saturn C-1B Apollo launch vehicle preliminary definition	1962
19740075769	S-I stage flight performance prediction, Saturn SA-2	1962
19740075894	Apollo rendezvous simulator study. Volume 5: Vehicle analysis - crew integration and safety	1962
19740075902	Apollo rendezvous simulator study. Volume 6: Vehicle analysis - environmental control system	1962
19740075904	Design study of a large unconventional liquid propellant rocket engine and vehicle. Volume4: Appendixes	1962
19740075931	Design Study of a Large Unconventional Liquid Propellant Rocket Engine and Vehicle. Volume 3: Discussion of Tasks 2 Through 5	1962
19740075968	Data Report BSWT 129 Supersonic Force, Stability and Control Test on a.0666 Scale Model of the 844-2050, AD-600I-2 Dyna-Soar Glider (SPO-104)	1962
19740076024	Mercury Capsule No. 20 Configuration Specification	1962
19740076061	The Ranger project	1962
19740076212	NASA-AEC Liquid Metals Corrosion Meeting	1962
19740076238	Design study of a large unconventional liquid propellant rocket engine and vehicle. Volume 2: Engine concepts considered	1962
19740076317	Radiation from wakes of blunt bodies at speeds up to 32000 feet per second	1962
19740076318	X-20 instrumentation sensors	1962
19740076319	Combustion instability: A critical state-of-the-art review	1962
19740076337	Equatorial launch sites	1962
19740076408	Apollo rendezvous simulator study. Volume 4: Vehicle analysis - control and electronics	1962
19740076468	Lunar Landing Studies: Weight Aspects	1962
19740076556	Direct flight Apollo study, Part 2	1962
19740077268	Thermocouple development program	1962
19740077454	Preliminary report on paraboloidal reflector antenna wind tunnel tests	1962
19740077832	Tiros meteorological satellites: Modification of Tiros H spacecraft to integrate the TVCS subsystem	1962
19740078316	Tiros 3 meteorological satellite system, volume 1	1962
19740078324	Tiros 2 radiation data users' manual, supplement	1962
19740078327	Tiros 3 radiation data users' manual	1962
19740078330	Tiros meteorological satellites: Evaluation of one-year timers for radio beacon power cutoff, part 1	1962
19740078582	The Tiros 2 meteorological satellite system	1962
19740078583	The Tiros 3 meteorological satellite system	1962
19740078974	Orbiting geophysical observatories S-49, S-50	1962
19740079987	Development of the Display Board Mockup of the Display Panel for the Advanced Dyna-Soar Vehicle	1962
19740080441	Development of catalysts for monopropellant decomposition of hydrazine	1962
19740080810	Process for a pilot run of ingredient I (PEH)	1962
19740081268	Controllable thrust liquid rocket engine thrust chamber study program	1962
19740081714	Investigation and development of propellant feed systems for manned space vehicles	1962
19740081842	A BMRS data processing plan	1962
19740082368	Controllable thrust liquid propellant rocket engine thrust chamber study program	1962
19740082369	Development of catalysts for monopropellant decomposition of hydrazine	1962
19740082423	Cytochemical studies of planetary microorganisms: Explorations in exobiology	1962
19740082812	Design, prototype fabrication and testing of large scale controllable thrust injector system	1962
19740082814	F-1H engine	1962
19740082815	Investigation of space rendezvous propulsion requirements	1962
19740083268	Investigation of the use of hydrogen as a secondary injectant for thrust vector control	1962
19740083272	Development of catalysts for monopropellant decomposition of hydrazine	1962
19740083273	Development of catalysts for monopropellant decomposition of hydrazine	1962
19740083293	Compendium of current liquid rocket engine technology (including management data)	1962
19740083308	Propulsion requirements for soft landing in extraterrestrial environments	1962
19740083310	Multichamber engine investigation	1962
19740083317	Feasibility Evaluation of Advanced Combustion Chamber Construction	1962
19740083684	Space transfer phase propulsion system study	1962
19740083686	Study of large unconventional liquid propellant rocket engine and vehicle, Volume 2	1962
19740083687	Study of large, unconventional, liquid propellant rocket engine and vehicle, Volume 3	1962
19740083690	Failure warning system for large solid rockets	1962
19740084199	F-1 engine system	1962
19740084624	Advanced nuclear-electric power generator system study, volume 1	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084628	High pressure pumping technology	1962
19740084629	Feasibility evaluation of advanced combustion chamber construction	1962
19740084630	Aerodynamic nozzle investigation	1962
19740084632	Multi-chamber engine investigation	1962
19740084637	Feasibility demonstration of staged-combustion using O2/H2 propellants	1962
19740084638	Aerodynamic nozzle investigation	1962
19740084645	Second-phase proposal, rift nuclear stage. Volume 5: Ground support equipment model specification	1962
19740084651	Advanced nuclear-electric power generator system study. Volume 3: Rankine cycle nuclear space powerplant	1962
19740084653	Development of flight model for electrothermal propulsion systems	1962
19740084654	Nuclear rocket propulsion systems for advanced applications: A preliminary survey	1962
19740084686	Minutes, project status review	1962
19740085368	Nerva nuclear subsystem	1962
19740085520	TIROS program support plan	1962
19740086659	Advanced rocket engine for large-booster applications	1962
19740086710	System design and evaluation of a direct read-out equatorial weather satellite (DREWS)	1962
19740086876	Launch vehicle size and cost analysis, phase 3. Part 1: Reliability analysis	1962
19740087148	Micrometeoroid measurements passenger capsule for Saturn block 2 (SA-9 and SA-8) flight tests	1962
19740087244	Earth Orbital Operations Tanking Mode. Volume 2: C-5 Vehicles	1962
19750064189	Earth orbital operations tanking mode. Volume 3: C-1B vehicle description	1962
19750064190	Earth orbital operations tanking mode. Volume 6: Supporting material and bibliography	1962
19750064257	An improved analytical method for determining the initial and final impulsive velocity requirements for the terminal phase of rendezvous missions	1962
19750064289	A survey and evaluation of high energy liquid chemical propulsion system. Part 2: Miscellaneous studies	1962
19750064422	Determination of control parameter values and limits for inert gas welding arcs subject to variations in ambient pressure. Phase 2: Final report	1962
19750064423	Earth orbital operations tanking mode. Volume 4: C-1B EOR test project	1962
19750064446	Earth orbital operations tanking mode. Volume 5: Schedule and costs	1962
19750064585	Instrumentation operations analysis. Part 2B: Saturn vehicle SA-2	1962
19750064648	Analysis of systems for accurate lunar landing	1962
19750065461	Postlaunch Memorandum Report for Mercury-Atlas No. 8 (MA-8): Part 2: Data	1962
19750065694	Space suit thermal test program	1962
19750066484	Determination of control parameter values and limits for inert gas welding arcs subject to variations in ambient pressure	1962
19750066744	A chondrule in the Chainpur meteorite	1962
19750066747	Surface conditions of the Orgueil meteorite parent body as indicated by mineral associations	1962
19750067121	Project Delta 12 A-51 TIROS F operations summary launch vehicle 318/2024/20001	1962
19750067655	Project Delta 10 A-50 TIROS E (5) operations summary launch vehicle 321/2021/3025	1962
19750067667	Flight report for vehicle no. 318/2024/20001 Delta program-mission no. 12 TIROS F: Spacecraft	1962
19750067671	Flight report vehicle 317/2020/3020 Delta program-mission no. 7 Tiros D payload	1962
19750067672	A comparison of the reliability assessment for Tiros 1, 2, 3, and 4	1962
19750067678	Delta 12 flight flash report T plus 8 hours	1962
19750067679	Project Delta flight report: Delta 12 launched 18 September 1962	1962
19750067686	Tiros 3 attitude summary	1962
19750067691	TIROS 5 meteorological satellite: Pre-launch calculation of programs for optimum orientation of the spin axis	1962
19750067703	Operational procedures for power supply monitoring for the TIROS 4 meteorological satellite	1962
19750067704	Alignment and calibration data for the Tiros 6 meteorological satellite	1962
19750067706	Alignment and calibration data for the Tiros 5 meteorological satellite	1962
19750067707	Television infra-red observational satellite Tiros-7, addendum 2	1962
19750067711	Flight acceptance environmental test program of the Tiros D meteorological satellite	1962
19750067718	TIROS 4 meteorological satellite, prelaunch calculation of programs for optimum orientation of the spin axis	1962
19750067720	Operational procedures for telemetry data processing for TIROS 4 meteorological satellite	1962
19750067721	Alignment and calibration data for the Tiros 4 meteorological satellite	1962
19750067722	Tiros 6 meteorological satellite, prelaunch calculation of programs for optimum orientation of the spin axis	1962
19750067726	Operational procedures for telemetry data processing and power supply monitoring for the TIROS 5 meteorological satellite	1962
19750067730	Operational procedures for telemetry data processing for the TIROS 2 meteorological satellite	1962
19750067732	Delta 7 flight flash report T plus 8 hours, Tiros D	1962
19750067801	Lunar logistics system study	1962
19750067868	Reliability assessment of the Tiros satellite, task 4	1962
19750067877	Tiros 5 meteorological satellite system, instruction and operating handbook	1962
19750067880	Instruction and Operating Handbook on Tiros VI Meteorological Satellite System	1962
19750068715	SNAP-8 PCS program	1962
19750068716	SNAP-8 PCS program	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750068816	Overall preliminary design package. Volume 1: Instrumentation and control system: Test cell ETS-1, NRDS	1962
19750069084	RIFT S-N Stage flight control system conceptual design report	1962
19750069171	Simulator study of Gemini boost abort situations	1962
19750069188	Study of thermal radiation associated with non-equilibrium flow in the Apollo flight regime	1962
19750069199	SNAP-8 PCS program	1962
19750069247	Apollo system equipment interfaces	1962
19750069249	Apollo support program: Some trajectory considerations for Apollo super-orbital re-entry tests	1962
19750069250	Apollo Spacecraft Assembly and Checkout Flow Summary	1962
19750069251	Apollo guidance computer and associated ground support equipment	1962
19750069252	Guidance computer and associated ground Apollo support equipment	1962
19750069359	Postlaunch Memorandum Report for Mercury-Atlas No. 8 (MA-8)	1962
19750069379	Apollo Model (FS-2) in the Unitary Plan Wind Tunnels	1962
19750069387	Nuclear power plant, lunar exploration systems for Apollo. Volume 2: Concept selection. Part 3: State-of-the-art	1962
19750069389	NERVA engine development program and associated tasks, contract year 1962, volume 2	1962
19750069392	Recommended program: NERVA engine development and associated tasks, contract years 1963 and 1964. Volume 2: NERVA technical administration documents	1962
19750069393	SNAP-8 development program for Mercury-lubricated bearings: Status and plans	1962
19750069394	SNAP-8 PCS Program	1962
19750069395	SNAP-8 PCS-Program	1962
19750069399	Development on SNAP-8 nuclear power conversion system, model AGAN-0010	1962
19750069414	Study for alternate guidance techniques for the Apollo spacecraft	1962
19750069415	Boilerplate no. 16 spacecraft Saturn research and development test SA-7 specification	1962
19750069846	Gemini Spacecraft electrical system specification	1962
19750069916	Preliminary design for additions to engine test stand no. 1	1962
19750070524	Current status of scale-model duct program for NERVA exhaust disposal system	1962
19750070569	Development of nuclear instrumentation. NERVA project	1962
19750071001	NERVA and KIWI-B nozzle jacket program	1962
19750071438	Spacecraft mechanisms	1962
19750071516	Nuclear rocket systems for rapid maneuvers of military space systems	1962
19750071566	Bendix NERVA program, final report, phase 1. Volume 4: Development test program, topical reports	1962
19750071974	Phase 2 heat transfer analyses on NERVA thrust chamber, part 1	1962
19750071984	Modification specification: Test cell A in a support of the NRX-NERVA development	1962
19750071986	NERVA materials program, Project NERVA	1962
19750071988	Radiation effects facility operational requirements	1962
19750073246	Investigation of space rendezvous propulsion requirements	1962
19750073248	An analysis of the lunar base buildup capabilities of various lunar transportation modes	1962
19750073254	Feasibility demonstration of staged-combustion using O ₂ /H ₂ propellants	1962
19750073257	Multi-chamber engine investigation	1962
19750073267	Aerodynamic nozzle investigation	1962
19750073269	F-1 engine system	1962
19750073272	Unconventional injector feasibility investigation	1962
19750073623	Chemical propulsion research and development	1962
19750073632	Unconventional injector feasibility investigation	1962
19750073636	Space transfer phase propulsion system study	1962
19750073847	Phase 2 study on large launch vehicles utilizing solid propellants. Solid Nova vehicle	1962
19750073848	Space transfer phase propulsion system study	1962
19750073860	Abstracts: A selection of current RAND publications	1962
19750073861	Multi-chamber engine investigation	1962
19750073934	BAMM: A FORTRAN IBM-7090 code for the calculation of bending and membrane motion of the pusher, shock absorber, ship, and compartment	1962
19750073935	Nike-Zeus guided missile system	1962
19750073936	Nuclear radiation effects projects	1962
19750074050	Proceedings of the Nuclear Propulsion Conference	1962
19750074051	Tory II-C assembly techniques	1962
19750074052	Analysis for the specification of temperature and flow dependent design parameters in Kiwi-B reactors	1962
19750074053	NERVA reactor mechanical design	1962
19750074054	Tory II-C system	1962
19750074055	Internal support problems in a high-temperature air-cooled reactor - Tory II-C	1962
19750074056	Pressure requirements for the lateral support of a reactor	1962
19750074057	Startup studies of a nuclear rocket reactor. Part 2: Cryogenic cooldown experiments	1962
19750074058	Decay heat cooling analysis of a nuclear rocket engine	1962
19750074059	Experimental heat transfer coefficients in contoured nozzles	1962
19750074060	Experimental investigation of confined jet-driven vortex flows	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074061	Investigations of a unique gaseous-core nuclear rocket concept at UAC	1962
19750074062	Theoretical solutions for primary and secondary flows in a vortex tube	1962
19750074063	High temperature testing of Mo-UO ₂ and W-UO ₂ cermets	1962
19750074064	Refractory carbides as protective coatings on graphite fuel elements	1962
19750074065	High temperature light weight neutron shielding materials for nuclear-space power plants	1962
19750074066	Protective coating technology for Kiwi fuel elements	1962
19750074067	Compression creep of ceramics for high-temperature nuclear reactors	1962
19750074068	The quality of Rover fuel elements as determined by nondestructive test methods	1962
19750074069	The fabrication of uranium loaded graphite fuel elements for the Kiwi-B-4 reactor	1962
19750074070	Chemical and metallographic evaluation of uranium compounds incorporated into graphites	1962
19750074071	BEO-base fuel elements for use in air to 1650 C	1962
19750074072	Fabrication of clad tungsten-UO ₂ fuel plates	1962
19750074073	Investigation of tungsten and uranium dioxide as a nuclear rocket fuel material	1962
19750074074	The manufacture and properties of graphite-uranium carbide fuel elements	1962
19750074075	Liquid hydrogen pumps and feed systems for nuclear rocket reactor experiments. Part 1: The axial-flow liquid hydrogen pump	1962
19750074076	Liquid hydrogen pumps and feed systems for nuclear rocket reactor experiments. Part 2: Feed systems	1962
19750074077	The design of kiwi-b type nuclear rocket reactor pressure vessels, with notes pertaining to optimum pressure vessel design	1962
19750074078	Some design considerations of cooling systems for nuclear rocket nozzles under severe thermal conditions	1962
19750074079	Considerations in the design and choice of material for Rover pressure vessels	1962
19750074080	Design and testing of columbium-1 zirconium reactor pressure vessels	1962
19750074081	Nuclear rocket engine cycle selection	1962
19750074082	An approach to startup control of a nuclear rocket engine	1962
19750074083	Combined nuclear and chemical propulsion cycles having high specific impulse	1962
19750074084	Liquid hydrogen behavior with heat addition during weightlessness	1962
19750074085	Optimization of nuclear rocket powerplant parameters	1962
19750074286	Density of liquid oxygen between 90 K and 105 K as a function of pressure and temperature	1962
19750074881	Prospectus	1962
19750075368	Operation of the X-6 carbon steel loop with excess oxygen in the water	1962
19750076846	Centaur inertial guidance system review, volume 1	1962
19750076867	RL10 rocket engine	1962
19750076886	Flight trajectories and payload capabilities guidance and control vehicle structural stability instrumentation, telemetry, tracking materials and fabrication	1962
19750076900	Centaur technical handbook and log	1962
19750077331	Saturn C-1/Agenda D vehicle study	1962
19750077355	Manned Martian mission	1962
19750077534	Recommended program: NERVA engine development and associated tasks, contract years 1963 and 1964. Volume 1: Program plan	1962
19750077536	Project FIRE, volume 1	1962
19750079059	Bullpup B weapon system (YASM-N-7B) control and stabilization system	1962
19750080087	Multisensor consolidated data transfer system (semi-secure)	1962
19760065114	TiROS attitude system documentation. Part 2: Operating instructions	1962
19760065280	Bendix NERVA program. Phase 1. Volume 5. Technical assistance to Aerojet-General Corporation	1962
19760065348	Structural development program NERVA thrust structure	1962
19760066361	Mercury wetting and non-wetting condensing research	1962
19760066808	Project Gemini fact sheet	1962
19760067000	Apollo Lunar Excursion Module	1962
19760067890	Radiation Effects Facility (REF) conceptual design, NERVA TPA/ASTR Facility	1962
19760067950	Generation-1 simulation of the heated bleed engine	1962
19760067966	NERVA engine explosive destruct system	1962
19760068569	Nondestructive testing of fuel elements	1962
19760068574	NERVA nuclear subsystem. Phase 1: Flight safety studies	1962
19760068579	KIWI-5 shield, Volume 3: Thermal design and analysis	1962
19760068612	Aerodynamic heating and oxidation of graphite in free molecule flow regime	1962
19760068929	Payload, cost and reliability analysis of Saturn C-5 and NOVA with NERVA or chemical third stages	1962
19760069282	Scale-model heat-transfer test of the NERVA nozzle	1962
19760069283	Preliminary stress analysis NERVA heated-bleed engine	1962
19760069284	NERVA engine thermodynamic cycle selection	1962
19760069346	NERVA nuclear subsystem. Phase 1: Reliability program	1962
19760069347	Shielding and radiation analysis, NERVA phase 1 activity, NERVA nuclear subsystem	1962
19760069385	Mode of failure analysis summary. NERVA B-2 reactor	1962
19760069392	Comparison of gimbal and gas injection systems for thrust vector control of the NERVA engine	1962
19760069401	NERVA nozzle coating program, phase 1, volume 2	1962
19760069405	Dynamic analysis and analog computer simulation of the NERVA engine	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760069406	NERVA engine explosive destruct system, subtask 1.6	1962
19760069604	The heat transfer properties of structural elements for space instruments	1962
19760069716	NERVA nuclear subsystem	1962
19760069728	B-1 and B-2 reactor design summary	1962
19760069748	Engine Systems Data Book	1962
19760069749	Conceptual design for cooled bottom support plate for NRX-B reactor	1962
19760069810	Remote diagnostic disassembly procedure for the NERVA Mark E-1 engine turbopump assembly	1962
19760069811	NERVA program technical review, February 26-28 1962	1962
19760070253	Determination of the emissivity of materials, volume 3	1962
19760071357	Results of experiments in space	1962
19760071657	Aeronautical and Astronautical Events of 1961	1962
19760071827	SNAP-8 rotating machinery task force review. Volume 3: Calculations	1962
19760071885	AEC-NASA Space Nuclear Propulsion Office Project NERVA	1962
19760071886	Informal monthly progress letter to AEC-NASA Space Nuclear Propulsion Office for NERVA program, November 1962	1962
19760072284	NERVA nuclear subsystem covering the period contract year 1962 (January 11, 1962-September 30, 1962)	1962
19760072287	NERVA engine explosive destruct system, subtask 1.6	1962
19760072298	Informal monthly progress letter no. 14, Aug. 1962	1962
19760072299	AEC-NASA space nuclear propulsion office informal monthly progress letter No. 12, June 1962, for project NERVA	1962
19760072310	Project NERVA	1962
19760072311	Project NERVA	1962
19760072345	Operational safety evaluation of ETS-1 complex	1962
19760072764	Preliminary model specification: Engine, rocket, nuclear, shielded heated-bleed	1962
19760075014	The intake of solar radiation by slopes, with cloudless sky	1962
19760075245	ELDO launcher: Use of hydrogen-oxygen propellants on the upper stages	1962
19760075481	ELDO launcher optimization study. Annex: Type of trajectories, high orbit, low orbit	1962
19760075551	ELDO launcher: New trajectory forms	1962
19760075759	Performance optimization studies for Blue Streak satellite launching vehicle	1962
19760075760	Further performance optimisation studies for BSSLV for 5000nm altitude circular orbits	1962
19760075774	ELDO launcher optimization study: Text	1962
19760075775	ELDO launcher optimization study. Low orbit: Graphs	1962
19760075878	Elaboration of optimized guidance commands for a satellite launcher	1962
19760076550	Study on the spinning of a vehicle containing a liquid	1962
19760077412	Fabrication preflight rating tests, and delivery of ALL/TROL control systems for project vector	1962
19760081150	Design guide for pressurization system evaluation liquid propulsion rocket engines. Volume 1: Use of design guide, general design data	1962
19760081216	Paravulcoon Recovery Systems for the Saturn C-5 Booster	1962
19760081319	Electroacoustic theory study session, 27 to 29 August 1962	1962
19760081761	The ARS Space Power Symposium	1962
19760081762	The SNAP 10A, 2 and 8 reactor programs	1962
19760081763	SNAP 10a system	1962
19760081764	SNAP 2 system	1962
19760081765	A 1.5 MWE thermionic reactor space power system	1962
19760082745	Spherical high-energy solid-propellant rocket motor	1962
19760084103	An analysis of two magnetohydrodynamic accelerators for use with shock tubes for the simulation of re-entry velocities up to 60000 feet per second	1962
19770068976	NERVA engine development program and associated tasks, contract year 1962, volume 1	1962
19770069308	An Integrated Systems Study for a Reusable One-Stage Orbital Space Truck (ROOST)	1962
19770069903	NERVA engine development program and associated tasks. Volume 2: NERVA engine system	1962
19770069905	Proposed amendment to project 1342 design and development control actuators: NERVA nuclear subsystem	1962
19770073471	A 1 MJ arc discharge shock tube as a chemical kinetics research facility	1962
19770078689	Manned lunar landing. Operations analysis and mode comparison	1962
19770081834	FAA component research program for commercial supersonic transport	1962
19770081869	Supersonic transport propulsion system. Component research and study program	1962
19770081929	NASA space chamber materials, heat sink finishes	1962
19770084289	Deleted record	1962
19770087401	An adaptive communication system	1962
19770089604	Ionizer-Reservoir Development Studies	1962
19770092003	Development of a reinforced carbonaceous and ablative composite for entry heat protective of manned spacecraft	1962
19770092593	Investigation of the space storability of pressurizing gases	1962
19770093050	Centaur inertial guidance system review volume 2	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093765	NASA-GSFC Operations Plan 9-62, Energetic Particles Satellite (S-3a)	1962
19770093778	Launch time schedule for the Delta s-51 payload mission	1962
19770093799	Design and development of a high-energy upper-stage propulsion system, Bell model 8181. Volume 1, part 2: Propulsion system designs (continued)	1962
19770093870	Development of adhesives for very low temperature application	1962
19770094022	Technical description and operating instructions for the ABMA hypersonic airflow direction sensor model F-12	1962
19770094308	Advanced Saturn direct lunar landing mode	1962
19770094321	Saturn C-1, C-5, nova and related facilities	1962
19770094323	Preliminary Instrumentation Plan: Saturn C-1, SA-5	1962
19770094820	Manufacture of nitroplasticizers at the US Naval Propellant Plant	1962
19780070013	Guidesail development program	1962
19780070032	The heat transfer properties of structural elements for space instruments	1962
19780070036	Apollo Separation Systems Comparisons	1962
19780070037	Summary of Earth orbital rendezvous studies	1962
19780070038	Investigation of increasing the base diameter of the Apollo service module to 260 inches	1962
19780070063	Some aspects of Apollo midcourse guidance	1962
19780070067	Analysis of G-profile entry display system	1962
19780070072	Circumlunar trajectory calculations	1962
19780070075	A multirange precision torque measuring device	1962
19780070077	Statistical analysis of space vehicle performance	1962
19780070095	Structural analysis of the Apollo 0.085-scale FSJ-1 force model	1962
19780070097	The blue-white boundary horizon sensor	1962
19780070130	Study of microwave and visible lightwave transmission through solid propellant exhaust gases	1962
19780070137	An analysis of C-band radar-beacon tracking of the Mercury capsule for the MA-4 test of 13 September 1961	1962
19780070148	Apollo ablative materials study	1962
19780070287	NASA System Design and Research	1962
19780072528	Site data processor: Output buffer	1962
19780072529	Direct flight Apollo study. Volume 2: Gemini spacecraft applications	1962
19780075346	Apollo heat protection and antenna design	1962
19780075361	NERVA engine assembly procedures	1962
19780075654	Rendezvous study program	1962
19780075657	Skin tracking of the Apollo vehicle from shipboard during re-entry	1962
19780075738	Photometric units in the MKS system	1962
19780075896	Circumlunar trajectories analysis	1962
19780076132	Pressure suit test program NAA/S and ID, Project Apollo	1962
19780076889	Experimental determination of the hydrogen recombination constant	1962
19780079469	Agema Monthly Progress Report, July 1972	1962
19780079472	Agema Monthly Progress Report, April 1962	1962
19780079473	Agema Monthly Progress Report, May 1962	1962
19780079474	Agema monthly progress report, August 1962	1962
19780079475	Agema Monthly Progress Report, September 1962	1962
19780079476	Agema monthly progress report, October 1962	1962
19780079477	Agema monthly progress report, November 1962	1962
19780079484	Gemini monthly progress report, July 1962	1962
19780080941	Paraglider development program emergency parachute recovery tests: Full scale test no. 1	1962
19780080942	Paraglider development program emergency parachute recovery tests: Half scale test no. 2	1962
19780080943	Paraglider development program emergency parachute recovery tests: Half-scale test no. 1	1962
19780081072	Metallurgical effects of explosive strain rates on metal alloys	1962
19780081156	V-band ubitron amplifier development	1962
19780081426	Metallurgical effects of explosive strain rates on metal alloys	1962
19780081442	Research and development of solid film lubricants for use in space environments	1962
19780081710	NASA long-range planning document	1962
19780081787	Operationally oriented facilities criteria	1962
19780081790	Saturn Monthly progress report, 12 November - 14 December 1962	1962
19780081792	Dynamic evaluation of the Saturn 20 cubic foot high pressure sphere installation	1962
19780082135	Models for simulation of communications satellite systems	1962
19780082162	Composite materials in erectable space structures: Echo satellites	1962
19780082205	Thixotropic propellants for NASA applications	1962
19780082309	Quality engineering and reliability survey of the Cosmodyne Corporation, Hawthorne, California	1962
19780082310	Quality engineering and reliability survey of aerojet liquid rocket plant, Sacramento, California	1962
19780082311	Quality engineering and reliability survey of Spectrolab Incorporated, North Hollywood, California and Heliotek Corporation, Sylmar, California	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082312	Quality engineering and reliability survey of Pacific Automation Products Incorporated, 1200 Air Way, Glendale, California	1962
19780082577	Nova Apollo review	1962
19780082613	Study of orbital launch operations. Volume 4: Checkout and countdown, phase 2	1962
19780084412	A new concept to minimize on-off jet fuel consumption used for space vehicle attitude control	1962
19780085169	Analysis of a lunar logistic spacecraft	1962
19780085521	Bristol Siddeley Olympus 593/3 turbojet engine for Anglo-French supersonic transport aircraft	1962
19780086035	Quality engineering and reliability survey of Aerojet-General Corporation, Downey, California	1962
19780086460	NASA-wide Quality Assurance Meeting. Transcript of essentials	1962
19780088034	Preliminary design report: Magnetic survey of ASW vehicles	1962
19790072833	Trip report - Discussion of AM and CSM thermal control systems at MSC, 10 September 1968	1962
19790073728	NASA Apollo progress report, July September 1962	1962
19790073758	<administrative and systems engineering activities for apollo project> quarterly progress report, jul. - sep. 1962	1962
19790073843	Lunar surface characteristics	1962
19790073852	The meteoroid hazard to Project Apollo	1962
19790074764	Interferometric testing of lenses	1962
19790076558	Flight test number 5, phase 2. Part A Paraglider development program /U/	1962
19790076560	Data report for static pressure tests of the Apollo PSTL-1 model in NAA Trisonic Wind Tunnel /TWT 77/, volume 1	1962
19790076565	Data report for Apollo model FS-1 wind tunnel test /SAL-1204/, revision	1962
19790076566	Data report for Apollo model /FS-2/ in the Ames unitary plan wind tunnels	1962
19790076568	Data report for Langley unitary plan wind tunnel tests /project 349/ of Apollo Model /FD-2/	1962
19790076569	Data report for Apollo model /PS-1/ wind tunnel test /JPL 20-493B/	1962
19790076570	Data Report for Apollo Model FS-1 and FS-7 Wind Tunnel Test /JPL 20-495/	1962
19790076571	Data report for Apollo model /PS-1/ wind tunnel test /JPL 21-100/	1962
19790076577	Data report for Apollo model /FS-1/ wind tunnel test /Ames 2 x 2 - 396/	1962
19790076578	Data report for Apollo model FS-1 apexforward trim point investigation /test 577/ in the Ames 2 foot by 2 foot wind tunnel	1962
19790076586	Static pressure tests of the Apollo PSTL-1 model in the Ames unitary plan wind tunnels, appendix B Data report, 11 Sep. 9 Oct. 1962	1962
19790076587	Apollo model /H-1/ wind tunnel test /JPL 21-102/, volume 1 Data report 16-26 Apr. 1962	1962
19790076588	Tabular data report for Apollo model /FS-1/ wind tunnel test /SAL 199/, 26 March 1962	1962
19790076589	Tabular data report for Apollo model /FS-1/ wind tunnel test /SAL-199/, 20 August 1962	1962
19790076590	Static pressure tests of the Apollo PSTL-1 model in NAA Trisonic Wind Tunnel /TWT/, volume 2	1962
19790076591	Simulated jet plumes on the Apollo model /FS-1/ wind tunnel test /SAL 1208/ data report, 4 Jun. - 5 Jul. 1962	1962
19790076592	Apollo model FS-3, wind tunnel tests in the A tunnel of the AEDC von Karman Gas Dynamics Facility Data report, 17-26 Jul. 1962	1962
19790076593	Langley 8 foot TPT wind tunnel tests /project 233/ of Apollo model /FD-2/ Data report, 3-8 May 1962	1962
19790076594	NAA shock tunnel tests /ST-4/ of Apollo command module models H-6 and PS-6 Data report, 2 May - 12 Jul. 1962	1962
19790076595	Langley unitary plan wind tunnel tests /project 374/ of Apollo model /FD-2/ Data report, 29 May - 4 Jun. 1962	1962
19790076596	Apollo model PS-3 wind tunnel test in tunnels A and B of the AEDC von Karman Gas Dynamics Facility Data report, 30 Jul. - 15 Aug. 1962	1962
19790076597	Apollo model /FSL-1/ wind tunnel tests in the Ames 11 by 11 foot, 9 by 7 foot, and 8 by 7 foot unitary plan wind tunnels Data report, 21 Aug. - 6 Sep. 1962	1962
19790076599	Preliminary report of transient pressures measured on the 0.055 scale Apollo pressure model /PSTL-1/ in NAA trisonic wind tunnel	1962
19790076600	Apollo model /FS-2/ in NAA trisonic wind tunnel /TWT 80/ Data report, 21-27 Aug. 1962	1962
19790076601	Apollo 0.105 scale FS-2 model in the North American Aviation trisonic wind tunnel TWT 79 /U/ Data report, 6-13 Aug. 1962	1962
19790076602	Apollo PS-3 model wind tunnel test in tunnel C of the AEDC von Karman Gas Dynamics Facility	1962
19790076603	Apollo model /PS-1/ wind tunnel test in the Ames 2 by 2 foot tunnel /test 441/ Pressure distribution data report, 20-24 Aug. 1962	1962
19790076604	Static pressure tests of the Apollo PSTL-1 model in the Ames unitary plan wind tunnels Data report, 1-19 Sep. 1962, 1-9 Oct. 1962	1962
19790076605	Data report for Apollo model FS-3 wind tunnel tests in tunnels B and C of the AEDC von Karman Gas Dynamics Facility	1962
19790076606	Data report for Apollo model FS-1 lift-to-drag ratio improvement test /JPL 20-127/	1962
19790076609	Wind tunnel tests of Apollo model FS-4 in the AEDC Hotshot 2 Data report, 2-17 Jul. 1962	1962
19790076610	The Apollo FS-2 model in the NAAL wind tunnel /NAAL 485/	1962
19790076611	The Apollo FS-9 model in the NAAL wind tunnel /NAAL 487/	1962
19790076612	Data report for Apollo PS-4 model in the AEDC Hotshot 2 wind tunnel	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790076615	Pressure distribution and force coefficients measured on the Apollo command-module re-entry configuration at Mach number 19	1962
19790076616	Preliminary aerodynamic heating analysis for the Apollo command module	1962
19790076642	Advanced lunar transportation system studies Progress report	1962
19790076643	Gemini abort simulation study, program number 2	1962
19790076646	Apollo mission analysis	1962
19790076647	Assessment of manned lunar mission technological support	1962
19790076650	Preliminary Apollo mission requirements	1962
19790076651	IMU error data for Apollo trajectories	1962
19790076654	Lunar mission systems studies	1962
19790076655	Apollo rendezvous simulator study. Volume 7 - Vehicle analysis, weight analysis	1962
19790076679	Lunar orbital technique for performing the lunar mission	1962
19790076682	Addenda to Office of Manned Space Flight manned lunar program mode comparison	1962
19790076686	Manned Lunar Landing Program Mode Comparison	1962
19790076687	Manned lunar landing mode comparison	1962
19790076692	Trajectory analysis summary, Project Apollo	1962
19790076696	Boilerplate number 5, command module earth recovery system specification, Project Apollo spacecraft	1962
19790076708	Preliminary facilities plan for Project Apollo spacecraft	1962
19790076711	Preliminary ground operational support system interface requirements specification	1962
19790076712	Mockup number 11, spacecraft handling and transportation specification, Project Apollo spacecraft	1962
19790076713	Mockup number 15, spacecraft handling and transportation specification, Project Apollo spacecraft	1962
19790076714	Preliminary Apollo ground operations requirements specification	1962
19790076720	LTA-9 feasibility study report	1962
19790076722	Facilities plan for project Apollo spacecraft	1962
19790076723	Training equipment requirements for Apollo spacecraft	1962
19790076724	Apollo mission simulator - Mathematical outlines	1962
19790076728	Facilities plan - NASA Project Apollo test launch vehicle, Little Joe 2	1962
19790076732	Mathematical outlines for design of Apollo crew training equipment	1962
19790076734	Boilerplate number 9, spacecraft dynamics simulation ground test specification, Project Apollo spacecraft	1962
19790076736	Apollo quarterly program progress report, number 1	1962
19790076738	Preliminary performance and interface specification ground operational support system Project Apollo spacecraft /U/	1962
19790076750	Surveyor spacecraft system	1962
19790076759	Apollo spacecraft launch vehicle integration report	1962
19790076760	Preliminary Saturn launch vehicle interface requirements specification	1962
19790076761	Preliminary Little Joe 2 launch vehicle interface specification	1962
19790076763	Apollo integrated checkout program. Volume 2 - Integrated checkout equipment	1962
19790076766	Boilerplate no. 15, spacecraft Saturn research and development test SA-6 specification	1962
19790076773	Program plan Apollo 25 IRIG	1962
19790076774	Project Apollo guidance and navigation program Monthly technical progress report, 11 Mar. - 11 Apr. 1962	1962
19790076777	Specification for procurement of Apollo inertial reference integrating gyro	1962
19790076808	Structural design criteria - Gemini spacecraft	1962
19790076820	Mockup number 6, service module and adapter interface specification project Apollo spacecraft	1962
19790076821	Mockup number 17, service module and adapter interface specification project Apollo spacecraft	1962
19790076822	Mockup no. 19, complete Apollo spacecraft	1962
19790076835	Apollo design review	1962
19790076859	Boilerplate no. 13, spacecraft Saturn research and development test SA-5 specification	1962
19790076864	Data report for Apollo force model /FS-2/ in NAA Trisonic Wind Tunnel /TWT 74/	1962
19790076865	Data report for Apollo model /H-1/ wind tunnel test /JPL 21-102/, volume 2	1962
19790076866	Preliminary Apollo spacecraft requirements specification	1962
19790076867	Data report for Apollo model FS-1 wind tunnel test /SAL-1204/	1962
19790076868	Data report for Apollo model /FS-2/ in the Ames 8 ft by 7 ft unitary plan wind tunnel	1962
19790076870	Service module reaction control subsystem performance specification, Project Apollo spacecraft	1962
19790076871	Command module reaction control subsystem performance specification, Project Apollo spacecraft	1962
19790076872	Data report for wind tunnel tests /JPL-21-98/ of Apollo models FS-1 and FS-7	1962
19790076873	Command module performance and interface preliminary specification Project Apollo spacecraft	1962
19790076874	Preliminary hardware list - Research and development for Project Apollo spacecraft	1962
19790076875	Mockup number 7, complete service module specification Project Apollo spacecraft	1962
19790076877	Monthly weight and balance report for the Apollo spacecraft	1962
19790076894	Project Apollo guidance and navigation program Monthly technical progress report, 11 Jun. - 17 Jul. 1962	1962
19790076911	STL and NASA design criteria comparison	1962
19790076912	Project Apollo - A compendium of some spacecraft systems studies relating to the manned lunar landing using lunar orbital rendezvous	1962
19790076936	Apollo guidance and navigation. Glossary of terms and symbols	1962
19790076939	Work statement for industrial support	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790076969	Apollo model FS-1 test /SAL 1207/ Data report, 6-8 Jun. 1962	1962
19790076992	Boilerplate number 4, command module water impact test specification, Project Apollo spacecraft	1962
19790076997	Boilerplate number 1, command module land impact test specification, Project Apollo spacecraft	1962
19790076998	Boilerplate number 2, command module land impact test specification, Project Apollo spacecraft	1962
19790076999	Boilerplate number 3, command module earth recovery system specification, Project Apollo spacecraft	1962
19790077000	Boilerplate number 7, command module water impact test specification, Project Apollo spacecraft	1962
19790077001	Boilerplate number 10, command module water egress and flotation test specification, Project Apollo spacecraft	1962
19790077002	Boilerplate number 11, command module recovery logistic equipment test specification, Project Apollo spacecraft	1962
19790077005	Project Apollo lunar excursion module development statement of work	1962
19790077006	Apollo program plan	1962
19790077007	Project Gemini predicted vibration and acoustic environment	1962
19790077015	Preliminary scientific instrumentation interface requirements specification	1962
19790077051	Gemini spacecraft propulsion systems specification	1962
19790077052	Apollo semiannual materials report	1962
19790077062	Optimum modulation and multiplexing techniques for Apollo spacecraft to ground communications Final report	1962
19790077064	Mockup no. 20, antenna radiation pattern, Project Apollo spacecraft	1962
19790077077	Experimental heat transfer distributions over launch and entry configuration of an 0.45 scale Apollo model /H-2/ at Mach numbers of 8 and 10. Appendix A - Plotted heat transfer distributions tunnel B, volume 2	1962
19790077078	Experimental heat transfer distributions over launch and entry configurations of an 0.045 scale Apollo model /H-2/ at Mach numbers of 8 and 10. Appendix A - Plotted heat transfer distributions tunnel C, volume 3	1962
19790077079	Experimental heat transfer distributions over launch and entry configurations of an 0.045 scale Apollo model /H-2/ at Mach numbers of 8 and 10. Appendix B - Tabulated data tunnel B, volume 4	1962
19790077080	Experimental heat transfer distributions over launch and entry configurations of an 0.045 scale Apollo model /H-2/ at Mach numbers of 8 and 10	1962
19790077081	Experimental heat transfer distributions over launch and entry configurations of an 0.045 scale Apollo model /H-2/ at Mach numbers of 8 and 10. Volume 5, appendix B Tabulated data tunnel B	1962
19790077082	Experimental heat transfer distributions over launch and entry configurations of an 0.045 scale Apollo model /H-2/ at Mach numbers of 8 and 10. Volume 6, appendix B - Tabulated data tunnel C	1962
19790077084	Apollo heat shield, Phase 1	1962
19790077085	Apollo heat shield, Phase 1	1962
19790077086	Apollo heat shield	1962
19790077087	Apollo heat shield, Phase 1	1962
19790077088	Apollo heat shield phase 1 (U)	1962
19790077089	Apollo heat shield, Phase 1	1962
19790077095	Project Apollo still photographic documentation submittal no. 5	1962
19790077096	Project Apollo still photographic documentation submittal no. 6	1962
19790077097	Project Apollo still photographic documentation special color transmittal no. 9	1962
19790077123	Preliminary Apollo maintenance plan	1962
19790077129	First quarterly reliability status report, 1 January - 31 March 1962	1962
19790077130	Quarterly reliability status report, 1 April - 30 June 1962	1962
19790077131	Quarterly reliability status report, 1 August - 30 September 1962 qr	1962
19790077147	Apollo support manual - flight operation	1962
19790077149	Mockup number 13, crew support equipment specification, Project Apollo spacecraft	1962
19790077150	Mockup number 14, crew support equipment specification, Project Apollo spacecraft	1962
19790077151	Preliminary specification, NASA furnished crew equipment interface requirements, Project Apollo	1962
19790077158	Effects of human factors on Apollo system performance for lunar orbit rendezvous and two-man direct flight modes, appendices	1962
19790077161	Effects of human factors on Apollo system performance for lunar orbit rendezvous and two-man direct flight modes	1962
19790077165	Human factors comparison of direct and LOR modes	1962
19790077182	Apollo monthly progress report	1962
19790077186	Apollo quarterly progress report, April June 1962	1962
19790077187	Apollo quarterly progress report, July September 1962	1962
19790077188	Apollo third quarterly report	1962
19790077199	Project Apollo Quarterly status report, period ending 30 Sep. 1962	1962
19790077200	Project Apollo Quarterly status report, period ending 31 Dec. 1962	1962
19790077203	Apollo second quarterly status report	1962
19790077204	Apollo guidance and navigation. Slide reprints quarterly management review meeting NASA, in Houston /U/	1962
19790077206	Project Apollo - Lunar excursion module development statement of work	1962
19790077208	Apollo 25 IRIG Quarterly progress report, period ending 31 Jul. 1962	1962
19790077209	Apollo Monthly progress report, 31 May 1962	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790077211	Preliminary Apollo program plan	1962
19790077212	Apollo status report, January February 1962	1962
19790077213	Program plan - NASA Project Apollo test launch vehicle, Little Joe 2	1962
19790077215	Apollo monthly progress report, April 1962	1962
19790077216	Apollo monthly progress report, July 1962	1962
19790077217	Apollo monthly progress report, October 1962	1962
19790077218	Apollo program schedule data	1962
19790077219	A study of several Apollo-support aspects of the unmanned lunar program	1962
19790077222	Direct flight schedule and feasibility study for Project Apollo	1962
19790077226	Apollo monthly progress report, 31 August 1962	1962
19790077232	Apollo monthly progress report, 31 January 1962	1962
19790077233	Apollo monthly progress report, 28 February 1962	1962
19790077245	Boilerplate no. 14, house spacecraft no. 1 specification, Project Apollo spacecraft /U/	1962
19790077246	Apollo integrated checkout program. Volume 1 - Summary	1962
19790077943	Direct flight Apollo study	1962
19790078421	General discussion of possible mission profiles for Apollo lunar landing missions	1962
19790078422	Design study of a meteoroid experiment using an unmanned Mercury spacecraft	1962
19790078432	Gemini centrifuge program outline. Phase evaluation and pilot familiarization 1: Engineering	1962
19790078443	Spacecraft solid angle mass distributions for inherent radiation shielding calculations	1962
19790078448	Evaluation of ablation heat shield material specimens incorporating electrical connectors, phase 1	1962
19790078713	Flight crew training program	1962
19790085458	A study of heat transfer and pressure data obtained on the O.02 apollo model in the Jet Propulsion Laboratory 21- inch hypersonic wind tunnel	1962
19790085531	Some calculations of the reentry environment of the apollo command module	1962
19790085532	Mission directive for Mercury-Atlas mission 8, MA-8 spacecraft 16	1962
19790085552	Static longitudinal stability characteristics of the Little Joe II: Apollo launch escape configuration	1962
19790085566	Design data book. Volume 2: Apollo, Saturn C-5, launch vehicle	1962
19790086471	Centaur evaluation by the Marshall Divisions and Launch Operations Center, June - July 1962 /U/	1962
19790087195	Purification of neptunium from purex waste /u/	1962
19790087871	THE Dynatech High-Temperature Chemical Air Separator for ACES	1962
19800072904	Solar Power System Calibration and Testing, Volume 2	1962
19800073361	Exploring the ionosphere	1962
19800073363	The Canadian swept-frequency ionospheric sounding satellite	1962
19800073364	Alouette: The Canadian top-side sounding satellite	1962
19800073365	Alouette: Canadian-US ionospheric topside sounder satellite	1962
19800073436	The NASA fixed frequency topside sounder program	1962
19800073456	Upper atmosphere and space research in Canada	1962
19800078660	Linear discrimination in statistical distributions	1962
19820065430	Report to the Congress from the President of the United States: United States aeronautics and space activities, 1962	1962
19820069647	Maintenance manual for the NIMBUS clock subsystem ground control station. Volume 4: Command clock	1962
19820072019	Publications of Goddard Space Flight Center 1959-1962. Volume 1: Space sciences	1962
19820072020	Publications of Goddard Space Flight Center 1959-1962. Volume 2: Space technology	1962
19820072039	Aeronautics program review, 22 September 1962	1962
19820074695	High-bypass-ratio tip turbine fans for lift/cruise applications. Study data: J79/LF825, J79/LF826, J93/LF827	1962
19820081009	Study of electron avalanches with a multi-stage image intensifier	1962
19830070694	An appraisal of the advanced electric space power systems	1962
19830073196	Overall missile dynamics	1962
19830082962	Stresses in a liquid-filled centrifuge	1962
19830085351	Flow field characteristics of a cone cylinder for various half-cone angles and mach numbers	1962
19840072011	Space: The new frontier	1962
19840072013	Astronaut John H. Glenn, Jr. and Friendship 7	1962
19840075034	Thermal conductivity of high-melting	1962
19860066338	Effect of nuclear radiation on materials at cryogenic temperatures. Experiment operations manual for NASA	1962
19900066602	NASA PERT handbook and companion cost system	1962
19900066876	Surface-to-air retrieval of heavy spacecraft by fixed-wing aircraft. Volume 2: Development of analytical techniques	1962
19900067153	Luncheon Speech	1962
19900067154	Maintaining Technical Competence Among Engineers and Scientists in Government	1962
19900067332	AC conductivity of a plasma	1962
19900067479	Results of experiments in space	1962
19900068223	Astroplane presentation: A VTOHL orbital rocket freighter	1962
19900068949	The potential performance of the supersonic combustion ramjet engine	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19900069095	Graphical data processing research study and experimental investigation	1962
19910072544	International Symposium on Space Phenomena and Measurement	1962
19910072545	A study of the outer geomagnetic field	1962
19910072546	Space flight studies of the ionosphere	1962
19910072547	A two parameter, high resolution pulse height analyzer for space science use	1962
19910072617	Models for stars of very low mass	1962
19910072618	The Helmholtz-Kelvin time scale for stars of very low mass	1962
19910072619	The collapse phase of early solar evolution	1962
19910072622	On carbon burning stars with neutrino emission	1962
19910072846	The Helmholtz-Kelvin time scale for very light stars	1962
19910072849	Historical review of theories of the origin of the solar system	1962
19910072858	Supernova explosions	1962
19910073251	The energetics of stellar evolution: Excerpts for the Summer Institute in Space Physics, 1962	1962
19910074179	Project Mercury	1962
19930074270	Axiomatic theory of control systems	1962
19930074856	What are we learning from space?	1962
19930078738	Intercenter Technical Conference on Control, Guidance and Navigation Research for Manned Lunar Missions	1962
19930078801	Effect of launch tube length on velocity	1962
19960028910	Department of Defense Program on Materials Research and Development	1962
19960035504	Foamed Organics	1962
19960039959	Flight Report Echo A-12 AVT Mission No.2, Launch Vehicle 338	1962
19980207865	Analytical methods for determining the hypersonic flow field around a body in re-entry	1962
19980228345	Longitudinal and Lateral Stability and Control Characteristics of a 1/9-Scale Model of a Twin-Ramjet Canard Target Drone at Mach Numbers from 0.60 to 2.80	1962
20000013667	Structural Factors and Individual Needs in Group Behavior	1962
20010121917	Air Restriction Test of Code A-232 Air Cleaner	1962
20010123294	Explosive Sizing of 70-Inch Diameter Welded Aluminum Preforms from 5086, 2014 T4 and 2014 T6 Material	1962
20010123315	Investigation of the Properties and Fabricability of 3/4-Inch Thick Air-Melted 18Ni-7Co-5Mo Plate	1962
20010123318	Development of Practical Techniques for Applying Protective Coatings to Columbium Alloys	1962
20010125348	Selection of Optimum Materials for Use in Liquid Hydrogen Fueled Aerospace Vehicles	1962
20010125355	Evaluation of the Bend Test for Determination of Mechanical Properties of 440C Stainless Steel Hardened to Rockwell C58	1962
20020008553	Research and Development Management Report. Development of Automatic Quality Control for Resistance Welds in Aluminum Alloys	1962
20020008566	European Scientific Notes	1962
20020009282	Aerospace Manufacturing Techniques Panel	1962
20020012597	Development of High Integrity Close Tolerance High Strength Aircraft Quality Steel Castings	1962
20020012632	Development of Columbium Base Alloys	1962
20020013031	Beryllium Research and Development Program	1962
20020016535	The Effects of Stress Corrosion on High Strength Steel Alloys	1962
20020016841	Anelastic Behavior of Tantalum and Columbium	1962
20020020236	Investigation of Variations in Raw Materials and Production Processing on the Properties of Tungsten Metal Sheet	1962
20020022051	Study of Ultrasonic Methods for Nondestructive Measurement of Residual Stress	1962
20020022242	Investigation of Nozzle-Failure Mechanisms and of Parameters Affecting Nozzle-material Suitability in Solid-Propellant Rockets	1962
20020022274	Problems in Substituting Titanium for Manganese in Steel	1962
20020022275	Investigation of Diffusion Barriers for Refractory Metals	1962
20020022396	Development of Optimum Processing Parameters for Refractory Metal Foil	1962
20020022400	An Interpretation of the Anomalous Internal Friction in Cold Worked Al-Cu Alloys Observed by KE	1962
20020022401	Nondestructive Test Techniques for Filament Wound Glass Fiber - Resin Rocket Motor Cases	1962
20020022409	Advanced Development of PFR-6	1962
20020022412	Selection of Optimum Materials for Use in Liquid Hydrogen Fueled Aerospace Vehicles	1962
20020022413	The Influence of Compressive Prestrain on the Fracture Toughness of SAE 4340 Steel	1962
20020022414	Diffusion Coating Process for Columbium Base Alloys	1962
20020022435	Metallurgical Variables Affecting Fracture Toughness in High-Strength Sheet Alloys	1962
20020022442	The Status and Properties of Titanium Alloys for Thick Plate	1962
20020022449	Design Concepts for Minimum Weight High Performance Supersonic Aircraft Structures	1962
20020022452	Vibration Damping Capacity of Various Magnesium Alloys	1962
20020022458	Self-Cooled Rocket Nozzles	1962
20020022463	The Determination of Thermophysical Properties of Plastic Materials and Composites at Cryogenic Temperatures	1962
20020022466	Research and Development on High-Pressure - High-Temperature Metallurgy	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20020022467	Thermodynamic and Kinetic Studies for a Refractory Materials Program	1962
20020022625	Development of Frontal Section for Super-Orbital, Lifting, Re-entry Vehicle	1962
20020022741	The Effects of Stress Corrosion on High Strength Steel Alloys	1962
20020022753	Procedure for Evaluation of Coated Refractory Alloys	1962
20020022766	Determination of Mechanical and Thermophysical Properties of Coated Refractory and Superalloy Thin Sheet	1962
20020022774	Advancement of High Temperature Protective Coatings for Columbium Alloys	1962
20020023111	Tensile and Creep Properties of Columbium, Tantalum, and Titanium Alloys at Elevated Temperatures	1962
20020028868	Crack Tolerance of AMS 6434 Steel Sheet Stressed Repeatedly	1962
20020030067	Transactions of the Seventh Symposium on Ballistic Missile and Space Technology	1962
20020039877	Adhesion Between Atomically Clean Metallic Surfaces	1962
20020042287	Electric Power in Space	1962
20040030491	Role of Wind, Wind Shear and Turbulence in the Development of Space Vehicles and Missiles	1962
20040030494	Role of Applied Meteorology in the Development of Large Space Vehicles (Saturn, Nova, etc.)	1962
20040111769	Hydrogen Cyanide Attack and Chemical Warfare	1962
20050158688	Monthly Resultant Wind Vectors (Trajectories), Patrick Air Force Base (Cape Canaveral), Florida, for Reactor In-Flight Test Studies	1962
20050165722	Launch Deflector Design Criteria and Their Application to the Saturn C-1 Deflector	1962
20050192355	Saturn SA-3 Vehicle Data Book	1962
20050194657	Saturn C-1 (Block II): Reentry Performance for Two and Three Stage Configurations	1962
20050194734	Acoustics and Thrust of Separate Flow Exhaust Nozzles With Mixing Devices Investigated for High Bypass Ratio Engines	1962
20050194735	Acoustics and Thrust of Separate Flow Exhaust Nozzles With Mixing Devices Investigated for High Bypass Ratio Engines	1962
20050194736	SATURN C-1 BLOCK I Vehicle Test Flights : Error Analysis and Dispersion Study of the Trjectory Corridor	1962
20050195084	Consolidated Instrumentation Plan for Centaur Vehicle F-1	1962
20050196734	Preliminary Performance Analysis for the Nova Vehicle	1962
20080002309	NASA Apollo Progress Report. Bellcomm, Inc. Quarterly Progress Report: July, August, September 1962	1962
20080038053	Ground Measurements of Sonic-Boom Pressures for the Altitude Range of 10,000 to 75,000 Feet	1962
20080041532	An Investigation of the Liquid Level at the Wall of a Spinning Tank	1962
20080041593	Space Scientists and Engineers: Selected Biographical and Bibliographical Listing, 1957-1961	1962
20090007915	The Dynamic Environment of Space	1962
20100014353	Bi-Monthly Progress Report. Project Gemini Studies	1962
20100014354	Bi-Monthly Progress Report. Project Gemini Studies	1962
20100014823	Bi-Monthly Progress Report. Project Gemini Studies	1962
20100017750	Master Program Plan Lunar Surface Photoreconnaissance Capsule (LSPC)	1962
20100042370	Scientific Subsystem Operation: Ranger 3,4,5	1962
20110000681	Test of the 0.55-Scale M-90H Powered Mainstage Model of the Douglas Nike-Zeus Missile in the 20-Inch Super-Sonic Wind Tunnel	1962
20110000866	Design Report for RL10A-3 Rocket Engine	1962
20110010963	Proceedings of the Solar Working Group Conference	1962
20110012883	Sublimation of Some Polymeric Materials in Vacuum	1962
20110022627	Study of Large Launch Vehicles Using Solid First Stages	1962
20110022631	The Validity of the Oculogravic Illusion as a Specific Indicator of Otolith Function	1962
20110023048	History of the Goerge C. Marshall Space Flight Center from July 1 to December 31, 1961	1962
20110024252	Radiation Detectors for In Vivo Measurements and Associated Electronics	1962
20130009746	Mercury - Atlas 6 at a Glance	1962
20130009747	The Delta Record: Ten in a Row	1962
20130013876	Saturn Block 1 Design Criteria. Revisions 1-6	1962
20130013893	Study of Large Unconventional Liquid Propellant Rocket Engine and Vehicle	1962
20130014177	Inlet-Exhaust-Thrust Reverser Program for the Commercial Supersonic Transport	1962
20130014385	Saturn S-4 Monthly Technical Progress Report	1962
20130014645	Gemini Program Monthly Engineering Progress Report for the Reaction Control System	1962
20140000430	Fifth Tri-Annual Progress Report on ASSET	1962
20140000825	Manned Martian Missions Preliminary Study Report	1962
20140003070	Relay Chatter Time Tester	1962
20140003075	Decontamination of Petroleum Products	1962
20140003079	Solar Furnace Lens	1962
20140003080	An Electrically Controlled Liquid Switch	1962
20140003322	A Liquid Level Measuring System to measure remotely the level of a liquid in a tank	1962
20140003476	A Self-Balancing Line-Reversal Pyrometer	1962
20140003587	Method for Replicating Epoxy Mirrors	1962
20140003803	Logically Redundant Flip-Flop	1962
20140004437	Offset Lenses for Producing Superior and Inferior Characters on the Photon Machine	1962
20140005100	Cryogenic Strengths of Carpenter 20-Cb and Welds	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140005487	Nylon Cutter	1962
20140005489	Solid State Modulator	1962
20140005490	A Non-Dissipating Series Voltage Regulator	1962
20140005491	Unipotential Grounding System	1962
20140005511	Fuel Cell Water Vapor Pressure Measurement System	1962
20140005569	Torsion Bar Seal Follow-Up	1962
20150009367	Biological Science of Interest in Space Flight and Exploration	1962
20150009380	Resistance of Dry Bacterial Spores to Sterilization by Moist and Dry Heat	1962
20150009381	Survival of Spores at Several Temperatures in Ultrahigh Vacuum	1962
20150009550	Antimicrobial Agents and Public Health	1962
20150010015	Sterilization Requirements and Procedures for Unmanned Lunar and Planetary Missions	1962
20150010021	Application of Gas Chromatography to the Analyses of Organics, Water, and Adsorbed Gases in the Lunar Crust	1962
20150010079	Chapter Ten: Space Probe Sterilization	1962
20150010297	Surveyor Sterilization Part 1: Compatibility of Materials and Components with Heat and Ethylene Oxide - Freon 12	1962
20150010466	The Use of an Electronic Particle Counter in the Study of Bacterial Growth Kinetics	1962
20150010485	Review of the NASA-JPL Spacecraft Sterilization Program	1962
20150010521	Controlled Contamination of Hermetically Sealed Electronic Components	1962
20150010525	Life on Mars?	1962
20150010565	A Study of Microorganisms in a Simulated Martian Environment	1962
20150010652	Studies on Dry Heat for the Sterilization of Electronic Components of Astrobiological Space Probes	1962
20150011246	Electro-Interference Control Plan for Saturn Stage S-11	1962
20150011786	Chlorella Growth in the Presence of Varying Concentrations of Urea	1962
20150012564	Feasibility Demonstration of Staged-Combustion Using O ₂ /H ₂ Propellants	1962
20150012630	A Preliminary Survey: Nuclear Rocket Propulsion Systems for Advanced Applications	1962
20150012731	Design Feasibility Study Report: Mechanical Feedback Servo-Actuators for the Saturn S-1C	1962
20150012812	Apollo Support Manual SM 2A2-02 Spacecraft Familiarization	1962
20150012847	Saturn Monthly Technical Progress Report	1962
20150012848	Saturn S-IV Monthly Technical Progress and Quarterly Report	1962
20150013072	Results of Review of Literature Pertinent to Apollo Reliability Modeling	1962
20150013128	Stabilization and Control Subsystem: Nimbus Meteorological Satellite - Flight	1962
20150013321	Saturn Monthly Technical Progress Report	1962
20150013323	Saturn S-IV Monthly Technical Progress Report	1962
20150013329	Saturn S-IV Annual Technical Progress Report Number 2	1962
20150013331	S-II Stability and Control Data Manual	1962
20150013335	Final Report: Study of Large Unconventional Liquid Propellant Rocket Engine and Vehicle Volume 1	1962
20150013336	Saturn S-IV Stage Calculated Weight and Balance Model Number DSV-4	1962
20150013442	[Letter from MAssachusetts Institute of Technology to NASA Manned Spacecraft Center Discussing Period 1 - 30 March 1962]	1962
20150013637	Fusion Welding Five Inch Thick 2219 Aluminum Alloy	1962
20150013754	Determination of Low Order Resonant Gravity Harmonics from the Drift of Two Russian 12 Hour Satellites	1962
20150013772	Apollo System Description	1962
20150013800	Communications System for a Manned or Unmanned Lunar Vehicle	1962
20150013801	Remote Steering of a Lunar Surface Vehicle	1962
20150013848	Apollo Lunar Excursion Module Propulsion Systems Study	1962
20150013852	NASA - Spaceconn Project S-30 Opplan 6-60	1962
20150013862	Interior Surface Temperatures, Histories of the Thor-Delta Tiros "E" Payload Training (Block I Engine, 60-Degree Southeast Orbit Inclination Angle)	1962
20150013867	Design Curves for Predicting Limiting Prospector Vehicle Speeds	1962
20150013906	Supplement to RAND Index of Publications Dated November, 1959	1962
20150014092	Mercury Capsule Number 16 Configuration Specification (Mercury - Atlas Number 8)	1962
20150014425	Glycogen Changes in X-Irradiated Rat Brain	1962
20150014432	Lunar Seismometer Capsule Sterilization Final Report	1962
20150014463	Apollo Quarterly Progress Report	1962
20150015084	Seventh Progress Report on Cryogenic Research and Development	1962
20150015085	Cryogenic Research and Development	1962
20150015096	Apollo System Description	1962
20150015097	Apollo System Description First Edition	1962
20150015146	Final Report: Study of Large Unconventional Liquid Propellant Rocket Engine and Vehicle	1962
20150015153	Atlas Operation Summaries Volume I	1962
20150015479	Program Requirements Number 2700 - DYNA SOAR	1962
20150015515	Dyna-Soar Quarterly Summary Progress Report	1962
20150015518	Development of Rocket Motor EM-36A	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150015540	Evaluation of Ranger Modified Spacecraft Separation System	1962
20150015552	Postlaunch Memorandum Report for Mercury-Atlas Number 7 (MA-7)	1962
20150015643	Study of Forces on Propellants Due to Heat Transfer Influencing Propellant Temperature in a Recovery Type Vehicle	1962
20150015644	Study of Forces on Propellants Due to Heat Transfer Influencing Propellant Temperature in a Recovery Type Vehicle	1962
20150015661	Gemini Launch Vehicle Six Percent Model Test Results from Mach 2.0 to 3.5 at High Angles of Attack, Volume 1	1962
20150015677	Study of Forces on Propellants Due to Heat Transfer Influencing Propellant Temperature in a Recovery Type Vehicle	1962
20150015678	Study of Forces on Propellants Due to Heat Transfer Influencing Propellant Temperature in a Recovery Type Vehicle	1962
20150015703	NASA Engineering Analysis Report Subsystem D	1962
20150016107	Proceedings of the Solar Working Group Conference	1962
20150016108	Sounding Rockets and Satellites for Space Science Studies	1962
20150016112	Monthly Project Progress Report Month Ending 5 October 1962 - Tentative Schedule of Operation for the Test Facilities	1962
20150016113	Project Progress Report, Including Tentative Schedule of Operation for the Test Facilities	1962
20150016129	Development of Sealed Low Rate Silver Oxide-Zinc Cells	1962
20150016134	Review of Space Research, Volume I	1962
20150016222	Dyna-Soar (X-20) Quarterly Summary Progress Report July-September 1962	1962
20150016226	Appendix A - Base Heating for Clustered Nozzle Configurations	1962
20150016273	Cape Canaveral Wind Summary Surface to 84 Kilometers	1962
20150016274	Battery, Unprotected Solar Cell, Solar Aspect Voltage Measurements from Explorer VII	1962
20150016736	Research on High Temperature Hydraulic Fluids for Supersonic Transport Aircraft	1962
20150017487	Sensing Techniques for Space Research	1962
20150017501	Research on High Temperature-Resistant Seal and Sealant Materials for the Supersonic Transport	1962
20150017513	Crash-Fire Prevention System for a Supersonic Commercial Transport	1962
20150017515	Supersonic Transport Research to Determine Validity of Using Simulators to Predict the Landing Impact Characteristics	1962
20150017584	Analysis of Medium Class Vehicles	1962
20150017593	Project Spin (Precision Cryogenic Gyro)	1962
20150017722	Development of a Lunar Capsule Subsystem	1962
20150017761	Relation Between Thermal Conductivity and Viscosity for Some Nonpolar Gases	1962
20150017768	Supersonic Transport Propulsion System Component Research and Study Program	1962
20150017792	Facility Construction Plans for the National Space Program	1962
20150017837	The Visibility of an Object in a Space Environment	1962
20150018006	Laminar Boundary Layer Behind Strong Shock Moving with Nonuniform Velocity	1962
20150018019	Research and Thermomechanical Analysis of Brazed or Bonded Structural Joints	1962
20150018020	Research and Thermomechanical Analysis of Brazed or Bonded Structural Joints	1962
20150018144	An Evaluation of a Cesium Ion Rocket Employing a Large Porous Tungsten Ionizer (2382-62)	1962
20150018155	Electrically Propelled Spacecraft and Associated Subjects	1962
20150018214	NASA Research Rocket Vehicles	1962
20150018503	Scintillation Response of Alkali Iodides to Alpha Particles and Protons	1962
20150018533	NASA Reports: A Discussion for Prospective Authors	1962
20150018994	Youngs Modulus of Hot-Worked Pyrolytic Graphite	1962
20150019692	Void Growth Kinetics in Strained Silver	1962
20150019695	Positronium Lifetime in Condensed Hydrogen	1962
20150019825	Engineering Properties of Potassium	1962
20150019826	Engineering Properties of Potassium	1962
20150019832	On the Flow Structure Within a Constant Pressure Compressible Turbulent Jet-Mixing Region	1962
20150019835	Basic Research Investigation on Flow Mechanism and Heat Transfer in Separated Flows	1962
20150020396	Progress Report Mercury/Atlas Launch Vehicle Program for NASA Project Mercury	1962
20150020436	A Fixed-Based-Simulator Study of the Ability of a Pilot to Establish Close Orbits Around the Moon and to Perform Soft Lunar Landings	1962
20150020528	Lunar Studies	1962
20150020538	[Lincoln Laboratory Progress Report on Contract NAS9-105]	1962
20150020541	Evaluation of Regenerative Fuel Cell	1962
20150020543	A Study of Meteoroid Impact Phenomena	1962
20150021145	In-Flight Measurement, Transmission, and Assessment of Astronaut Physiologic Responses	1962
20150021353	Convective and Radiant Heat Transfer for Flow of a Transparent Gas in a Tube With A Gray Wall	1962
20150021537	Effects of Alpha Particles Randomly Induced in the Brain in the Neutron-Capture Treatment of Intracranial Neoplasms	1962
20150021576	Physiological and Behavioral Sciences	1962
20150021579	Morphological Changes in the Nervous System Following Exposure to Ionizing Radiation	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150021580	Observations on Appearance of Histochemically-Demonstrable Glycogen in the Rat Brain as Effect of Alpha-Particle Irradiation	1962
20150021583	Study of Regenerated Cortical Nervous Tissue After Alpha Particle Irradiation	1962
20150021584	Electron Microscopy of Rat Cerebellar Cortex Following Exposure to Ionizing Radiation	1962
20150021788	Exobiology	1962
20150021945	Sixth Semiannual Report to Congress	1962
20150021946	National Aeronautics and Space Administration Fifth Semiannual Report to Congress	1962
20160000177	Liquid Hydrogen Facility for Bursting Pressure Vessels	1962
20160000188	Role of Water Vapor in Spalling of Boron Nitride	1962
20160000190	Comparisons of the Modified Blast Wave Estimates of Induced Pressures with Real Gas Solutions	1962
20160000523	Influence on Base Pressures by Heat and Mass Additions	1962
20160000851	Lunar Landing Module Technical Briefing	1962
20160000878	Mercury/Atlas Launch Vehicle Program for NASA Project Mercury	1962
20160000883	SNAP-8 Configuration Study and Space Frame Preliminary Design	1962
20160000898	Field Installations	1962
20160001015	Report on Experiments, Measurements and Observations on Various Types of Fire Outbreak	1962
20160001998	Heat Transfer Study for Arc Jet Engine	1962
20160002034	Development of an Ion Rocket Engine System for Attitude Control and Station Keeping	1962
20160002116	Ion Rocket Engine Research and Development	1962
20160002203	Research and Development of Propellant Feed Systems for Electrothermal Engines	1962
20160003038	Ionizer-Reservoir Development Studies	1962
20160003191	Ionizer-Reservoir Development Studies	1962
20160003192	Ionizer-Reservoir Development Studies	1962
20160003195	Ionizer-Reservoir Development	1962
20160003196	Ionizer-Reservoir Development Studies	1962
20160003197	Ionizer-Reservoir Development Studies	1962
20160003198	Ionizer-Reservoir Development Studies	1962
20160003255	Ionizer Development and Surface Physics Studies	1962
20160003258	Ionizer Development and Surface Physics Studies	1962
20160003259	Ionizer Development and Surface Physics Studies	1962
20160003260	Ionizer Development and Surface Physics Studies	1962
20160003261	Ionizer Development and Surface Physics Studies	1962
20160003262	Ionizer Development and Surface Physics Studies	1962
20160003263	Ionizer Development and Surface Physics Studies	1962
20160003403	Saturn S-II Stage	1962
20160003552	Neuropathological Features of T. Rhodesiense Infection with a Comparison with the Changes in T. Gamhiense Infection	1962
20160003794	Supporting Data for Project Apollo Spacecraft Development	1962
20160009412	Discoverer XXXVI Satellite	1962
20160009414	Apollo Rendezvous Simulator Study: Summary Briefing	1962
20160009436	(U) Detailed Objectives for NASA Mission MA-8	1962
20160009445	A Ground Instrumentation Support Plan for the Near-Earth Phases of Apollo Missions	1962
20160009457	Study of Dynamic and Static Seals for Liquid Rocket Engines	1962
20160009460	Investigation of Nonequilibrium Flow Effects in High Expansion Nozzles	1962
20160009463	Protective Coatings for Sheet Metals in Supersonic Transport Aircraft	1962
20160009464	Wind Tunnel Investigation of Turbulent Boundary Layer Noise for High-Performance Aircraft	1962
20160009465	Study of Sensor Deprivation, Pain and Personality Relationships for Space Travel	1962
20160009469	Space and Weapon Systems: Component Qualification, RA-3 and RA-4	1962
20160009496	[Evaluation and Maintenance of a Large Group of Macaca Rhesus Primates Exposed to Ionizing Radiation]	1962
20160009514	Control, Stability and Nonlinear Oscillations	1962
20160009515	Solar Ultraviolet Radiation	1962
20160009516	Feasibility Study of Weather Radar Satellites	1962
20160009517	Fundamental Research on Metallic and Stony Meteorites	1962
20160009524	Research on the Deflagration of High-Energy Solid Oxidizers	1962
20160009784	A Study of Thrust-Vector Steering for Rendezvous with a Near-Earth Satellite Using a Three-Stage Vehicle Launched Out of the Satellite Plane	1962
20160009785	Investigation of the Ability of Various Adaptive Control Systems to Maintain the Attitude of a Flexible Missile with a Swiveled Nozzle	1962
20160009786	Human Pilot Control of Flexible Launch Vehicles	1962
20160009787	Measurement of Wind Profiles	1962
20160009788	Control of Launch Vehicles by Means of Solid-Fuel Rockets	1962
20160009789	Fixed Base Simulator Studies of the Ability of the Human Pilot to Provide Energy Management Along Abort and Deep-Space Entry Trajectories	1962
20160009790	Minimum Control Requirements for the Landing Flare Maneuver of a Parawing Capsule Configuration	1962
20160009791	Study of Inertial Navigation Errors During Reentry to the Earth's Atmosphere from a Lunar Trajectory	1962

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160009792	Crew Performance on a Lunar-Mission Simulation	1962
20160012420	Division, Program, Functional Training Requirements and Courses Designed to Meet These Needs	1962
20160012425	Project Apollo Preliminary System Specification	1962
20160012430	Program Review: Apollo	1962
20160013517	An Investigation of the Fracture Characteristics of 2014 Aluminum Weldments Used in the Saturn S-II Stage	1962
20160013565	A Study of Saturn Vehicle Planning Schedules and Missions	1962
20160013731	Program Schedules for Office of Manned Space Flight	1962
20160013743	PostLaunch Memorandum Report for Mercury-Atlas No. 7 (MA-7). Part I: Mission Analysis	1962
20160013744	Postlaunch Memorandum Report for Mercury-Atlas No. 7 (MA-7). Part II: Data	1962
20160013745	Postlaunch Memorandum Report for Mercury-Atlas No. 6 (MA-6)	1962
20160013746	Postlaunch Memorandum Report for Mercury-Atlas No. 8 (MA-8)	1962
20160013759	Project Mercury Postlaunch Report for Mercury-Atlas Mission 5 (MA-5 Spacecraft 9)	1962
20160013785	Manned Lunar Landing: Operations Analysis and Mode Comparison	1962
20160013790	Lunar Excursion Modula Study	1962
20160013804	Project Gemini: Schedule Analysis	1962
20160013818	Final Report of the Ranger Board of Inquiry	1962
20160014358	Direct Flight Study Using Saturn C-5 for Project Apollo: Preliminary Study Results	1962
20160014436	Analysis of Lunar Landing Modules for the Apollo Mission	1962
20170001012	Appendices to Final Report of the Ranger Board of Inquiry	1962
19630002196	Project Relay	1963
19630002337	EFFECT OF ULTRA-HIGH VACUUM ON BACILLUS SUBTILIS VAR. NIGER	1963
19630002338	EFFECTS OF SPUTTERING WITH HYDROGEN IONS ON TOTAL HEMISPHERICAL EMITTANCE OF SEVERAL METALLIC SURFACES	1963
19630002368	THE EFFECT OF VACUUM ON THE PENETRATION CHARACTERISTICS OF PROJECTILES INTO FINE PARTICLES	1963
19630002369	A VISUAL STUDY OF A TWO-PHASE FLOW IN A VERTICAL TUBE WITH HEAT ADDITION	1963
19630002370	INVESTIGATION OF THE LATERAL VIBRATION CHARACTERISTICS OF A 1/5-SCALE MODEL OF SATURN SA-1	1963
19630002371	HANDLING QUALITIES AND OPERATIONAL PROBLEMS OF A LARGE FOURPROPELLER STOL TRANSPORT AIRPLANE	1963
19630002419	Space Communications	1963
19630002436	A CENTRAL FACILITY FOR RECORDING AND PROCESSING TRANSIENT-TYPE DATA	1963
19630002602	HEAT TRANSFER IN LAMINAR FLOWS OF INCOMPRESSIBLE FLUIDS WITH PR - 0 AND PR - INFINITY	1963
19630002615	NASA Simplifies Names of Saturn Launch Vehicles	1963
19630002810	Z-Function Solutions for the Motion and Heating During Atmosphere Entry from Equatorial Orbits of a Rotating Planet	1963
19630002825	STATIC AERODYNAMIC CHARACTERISTICS OF A SHORT BLUNT 10 DEG SEMIVERTEX ANGLE CONE AT A MACH NUMBER OF 15 IN HELIUM	1963
19630003009	Crew Performance and Personal Observations on a Lunar Mission Simulation	1963
19630003013	Characteristics of Aircraft Lifting-Fan Propulsion Systems for V STOL	1963
19630003014	Problems in the Design of Unmanned Spacecraft for Planetary and Interplanetary Exploration	1963
19630003016	An Orbital Launch Facility (OLF)	1963
19630003018	THE ACTION OF A HYPERSONIC JET ON A DUST LAYER	1963
19630003026	A Survey of Atmosphere Reentry Guidance and Control Methods	1963
19630003046	REVIEW OF TECHNIQUES FOR MEASURING ROCK AND SOIL STRENGTH PROPERTIES AT THE SURFACE OF THE MOON	1963
19630003223	Equations for Determining Vehicle Position in Earth-Moon Space from Simultaneous On Board Optical Measurements	1963
19630003224	Aerodynamic Characteristics of a Large-Scale Model with Two High Disk-Loading Fans Mounted in The Wing	1963
19630003225	A Magnetic Core Voltage-to-Frequency Converter	1963
19630003226	ON THE ANOMALOUS COMPONENT OF LOW-ENERGY GEOMAGNETICALLY TRAPPED PROTONS	1963
19630003227	NEUTRONS IN SPACE	1963
19630003228	The Southern Sky Survey Payload	1963
19630003287	NASA's Most Reliable Booster -Delta	1963
19630003305	THE BENDING-MOMENT DISTRIBUTION OF CAMBERED-SPAN WING SYSTEMS HAVING MINIMUM INDUCED DRAG	1963
19630003306	LOW-POWER TEST OF THE PLUM BROOK REACTOR	1963
19630003307	TENSILE PROPERTIES AND SHEET-BENDING FATIGUE PROPERTIES OF SOME REFRACTORY METALS AT ROOM TEMPERATURE	1963
19630003308	RESEARCH PROBLEMS PERTAINING TO AIRCRAFT OPERATIONS	1963
19630003309	EXPERIMENTAL INVESTIGATION OF BLAST LOADING ON AN AIRFOIL IN MACH NUMBER 0.7 AIRFLOW WITH INITIAL ANGLE-OF-ATTACK CHANGE OF 20 DEG	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630003310	Exploratory Investigation of the Effect Of A Forward-Facing Jet on the Bow Shock Of a Blunt Body in a Mach Number 6 Free Stream	1963
19630003311	Self-Erecting Flexible Foam Structures For Space Antennas	1963
19630003312	A STUDY OF THE EFFECTS OF BANK ANGLE, BANKING DURATION, AND TRAJECTORY POSITION OF INITIAL BANKING ON THE LATERAL AND LONGITUDINAL RANGES OF A HYPERSONIC GLOBAL REENTRY VEHICLE	1963
19630003313	GAS CHROMATOGRAPHIC MEASUREMENT OF TRACE CONTAMINANTS IN A SIMULATED SPACE CABIN	1963
19630003326	FOURTH PROGRESS REPORT	1963
19630003341	THERMODYNAMIC PROPERTIES OF CARBON-DIOXIDE AND NITROGEN MIXTURES BEHIND A NORMAL SHOCK WAVE	1963
19630003342	TWO-DIMENSIONAL CRITICALITY CALCULATIONS OF GASEOUS-CORE CYLINDRICAL-CAVITY REACTORS	1963
19630003343	AN ANALYTICAL STUDY OF A SIMPLE ATTITUDE CONTROL SYSTEM FOR A FINNED VEHICLE	1963
19630003375	Development of Sounding Rockets in Japan	1963
19630003385	MEASURED AND CALCULATED SUBSONIC AND TRANSONIC FLUTTER CHARACTERISTICS OF A 45 DEG SWEEPBACK WING PLANFORM IN AIR AND IN FREON-12 IN THE LANGLEY TRANSONIC DYNAMICS TUNNEL	1963
19630003406	ORGANIC REACTOR TECHNOLOGY	1963
19630003407	A NUMERICAL SOLUTION OF THE PROBLEM OF MIXING OF LAMINAR COAXIAL STREAMS OF GREATLY DIFFERENT DENSITIES - ISOTHERMAL CASE	1963
19630003427	PROPOSAL FOR DETERMINING THE MASS OF LIQUID PROPELLANT WITHIN A SPACE VEHICLE PROPELLANT TANK SUBJECTED TO A ZERO GRAVITY ENVIRONMENT	1963
19630003443	SPACE VEHICLE SHIELDING STUDIES. CALCULATIONS OF THE ATTENUATION OF A MODEL SOLAR FLARE AND MONOENERGETIC PROTON BEAMS BY ALUMINUM SHIELDS	1963
19630003574	Symbolic Representation of Complex Systems	1963
19630003661	Explorer XVI: The Micrometeoroid Satellite	1963
19630003759	Seventh Semiannual Report to Congress	1963
19630003841	POSTBUCKLING EFFECTS ON THE FLUTTER OF SIMPLY SUPPORTED RECTANGULAR PANELS AT SUPERSONIC SPEEDS	1963
19630003842	EFFECT OF CROSS-SECTION SHAPE ON THE AERODYNAMIC CHARACTERISTICS OF BODIES AT MACH NUMBERS FROM 2.50 TO 4.63	1963
19630003843	Note on the Thickness of the Helium Ion Layer	1963
19630003844	PRELIMINARY MEASUREMENTS OF TEMPERATURES AND WINDS ABOVE 50KM OVER WALLOPS ISLAND, VIRGINIA	1963
19630003845	NIKE APACHE PERFORMANCE HANDBOOK	1963
19630003846	ENERGY SPECTRUM OF ELECTRONS IN THE OUTER RADIATION BELT	1963
19630003880	AN ANALYSIS OF THE DELTA-WING HYPERSONIC STABILITY AND CONTROL BEHAVIOR AT ANGLES OF ATTACK BETWEEN 30 DEG AND 90 DEG	1963
19630003892	THE EFFECTS OF MOISTURE ON THE DYNAMIC MECHANICAL PROPERTIES OF AMMONIUM PERCHLORATE - POLYURETHANE PROPELLANTS	1963
19630003912	LONGITUDINAL AERODYNAMIC CHARACTERISTICS AT MACH NUMBERS FROM 0.40 TO 1.10 OF A BLUNTED RIGHT-TRIANGULAR PYRAMIDAL LIFTING REENTRY CONFIGURATION EMPLOYING VARIABLE-SWEEP WING PANELS	1963
19630003913	STRENGTH OF FILAMENTARY SHEETS WITH ONE OR MORE FIBERS BROKEN	1963
19630003914	PILOT-CONTROLLED SIMULATION OF RENDEZVOUS BETWEEN A SPACECRAFT AND A COMMANDED MODULE HAVING LOW THRUST	1963
19630003915	EXPERIMENTAL INVESTIGATION OF THE DYNAMIC STABILITY OF A TOWED PARAWING GLIDER MODEL	1963
19630003916	SURFACE PRESSURE DISTRIBUTIONS INDUCED ON A FLAT PLATE BY A COLD AIR JET ISSUING PERPENDICULARLY FROM THE PLATE AND NORMAL TO A LOW-SPEED FREE-STREAM FLOW	1963
19630003917	A VARIATIONAL METHOD FOR THE OPTIMIZATION OF INTERPLANETARY ROUND-TRIP TRAJECTORIES	1963
19630003918	THE CHARACTERISTICS OF DISTANT COMETS	1963
19630003919	A DETECTOR FOR LOW ENERGY GAMMA-RAY ASTRONOMY EXPERIMENTS	1963
19630003945	THE MAGNETIC FIELD OF THE QUIET-TIME PROTON BELT	1963
19630003962	FIRST TOPSIDE SOUNDINGS OF THE IONOSPHERE	1963
19630004227	Abundances of the Fourteen Rare-Earth Elements plus Yttrium and Scandium in Meteorites	1963
19630004372	THE ACTION OF CERTAIN PHARMACOLOGICAL AGENTS ON INTRACRANIAL CIRCULATION	1963
19630004395	ROOM-TEMPERATURE SHEAR AND COMPRESSION TESTS OF STIFFENED PANELS WITH INTEGRAL OR ATTACHED COOLING CIRCUITS	1963
19630004396	Optical Properties of Satellite Materials - the Theory of Optical and Infrared Properties of Metals	1963
19630004400	APPARATUS FOR THE MEASUREMENT OF TRANSPORT PROPERTIES OF POLAR SEMICONDUCTORS	1963

Accession Number (DocID)	Title	Publication Year
19630004401	A DYNAMIC THERMAL VACUUM TECHNIQUE FOR MEASURING THE SOLAR ABSORPTANCE AND THERMAL EMITTANCE OF SPACECRAFT COATINGS	1963
19630004402	A COMPARISON OF EXPERIMENTAL AND THEORETICAL RESULTS FOR THE COMPRESSIBLE TURBULENT-BOUNDARY-LAYER SKIN FRICTION WITH ZERO PRESSURE GRADIENT	1963
19630004403	OBSERVATIONS ON THE ROLE OF NONLINEARITY IN RANDOM VIBRATION OF STRUCTURES	1963
19630004488	Cerebral Pulsation in the Closed Cranial Cavity. O Pul'satsii Mozga V Zakrytoy Polosti Cherepa	1963
19630004535	Catalogue of Satellite Observations No. C-33	1963
19630004589	CALCULATION OF TURBULENT BOUNDARY-LAYER GROWTH AND HEAT TRANSFER IN AXI-SYMMETRIC NOZZLES	1963
19630004670	Research in Space Science. Catalogue of Satellite Observations No. C-31	1963
19630004906	NEUTRINO PROCESSES AND RED GIANTS	1963
19630005019	A Survey of Aerothermoelasticity	1963
19630005155	THE LAMINAR BOUNDARY LAYER ON A DISK OF FINITE RADIUS IN A ROTATING FLOW. PART II- A SIMPLIFIED MOMENTUM-INTEGRAL METHOD	1963
19630005361	Hydraulic Design of Air Cooling Systems for Multi-stage Gas Turbines by Using Electric Models	1963
19630005374	Research on Detection of Extraterrestrial Life by Ultraviolet Spectrophotometry	1963
19630005384	Longitudinal Forced Vibration of Partially Filled Tanks	1963
19630005394	Production of Oxygen from Space Minerals	1963
19630005432	AERODYNAMIC CHARACTERISTICS OF TOWED SPHERES, CONICAL RINGS, AND CONES USED AS DECELERATORS AT MACH NUMBERS FROM 1.57 TO 4.65	1963
19630005441	Numerical Matrix Inversion with Iterative Improvement	1963
19630005514	Hypervelocity Puncturing of Self-Sealing Structures	1963
19630005596	A THEORETICAL STUDY OF THE MOTION OF AN IDEALIZED PLASMA RING THROUGH VARIOUS TRAVELING-MAGNETIC-WAVE PLASMA ACCELERATORS	1963
19630005628	Satellite Communications Hearings Before the Subcommittee on Communications of the Committee on Commerce, U.S. Senate, Feb. 18, 19, and 27, 1963	1963
19630005634	On the Theory of Electroplethysmography	1963
19630005650	SIMULATOR STUDY OF THE LATERAL-DIRECTIONAL HANDLING QUALITIES OF A LARGE FOUR-PROPELLERED STOL TRANSPORT AIRPLANE	1963
19630005686	MOVING-COCKPIT-SIMULATOR STUDY OF PILOTED ENTRIES INTO THE EARTH'S ATMOSPHERE FOR A CAPSULE-TYPE VEHICLE AT PARABOLIC VELOCITY	1963
19630005687	A PRELIMINARY STUDY OF HANDLING-QUALITIES REQUIREMENTS OF SUPERSONIC TRANSPORTS IN HIGH-SPEED CRUISING FLIGHT USING PILOTED SIMULATORS	1963
19630005690	Transmission and Reflection of Electrons by Aluminum Foils	1963
19630005756	APPLICATIONS OF OPTIMIZATION THEORY. SECTION I - AN APPLICATION OF TIME-OPTICAL CONTROL THEORY TO LAUNCH VEHICLE REGULATION	1963
19630005767	ON OPTIMAL CONTROL FOR SYSTEMS WITH NUMERATOR DYNAMICS	1963
19630005816	AN EVALUATION OF DETAIL WIND DATA AS MEASURED BY THE FPS-16 RADAR SPHERICAL BALLOON TECHNIQUE	1963
19630005818	LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF SEVERAL FIFTH-STAGE SCOUT REENTRY VEHICLES FROM MACH NUMBER 0.60 TO 24.4 INCLUDING SOME REYNOLDS NUMBER EFFECTS ON STABILITY AT HYPERSONIC SPEEDS	1963
19630005819	DESIGN AND OPERATIONAL PERFORMANCE OF A 150-KILOWATT SODIUM FLASH-VAPORIZATION FACILITY	1963
19630005889	METHODS OF EXPRESSING MASS UNBALANCE	1963
19630005890	CHARGE-EXCHANGE EFFECTS ON THE ACCELERATOR IMPINGEMENT OF AN ELECTRON-BOMBARDMENT ION ROCKET	1963
19630005891	NUMERICAL EVALUATION OF ION-THRUSTER OPTICS	1963
19630005892	HYDROMAGNETIC STAGNATION-POINT BOUNDARY LAYER WITH ARBITRARY PRESSURE GRADIENT AND MAGNETIC FIELD	1963
19630005893	INFLUENCE OF MICROSTRUCTURAL INCLUSIONS ON FRICTION AND WEAR OF NICKEL AND IRON IN VACUUM TO 10 SUPER MINUS 9 MILLIMETER OF MERCURY	1963
19630005894	ANALYTICAL STUDY OF TURBINE-GEOMETRY CHARACTERISTICS FOR ALKALIMETAL TURBOELECTRIC SPACE POWER SYSTEMS	1963
19630005895	AERODYNAMIC CHARACTERISTICS OF A FULL-SCALE PROPELLER TESTED WITH BOTH RIGID AND FLAPPING BLADES AND WITH CYCLE PITCH CONTROL	1963
19630005896	AN EXPERIMENTAL INVESTIGATION OF THE EFFECTIVENESS OF SINGLE ALUMINUM METEOROID BUMPERS	1963
19630005897	HELIUM CONCENTRATIONS DOWNSTREAM OF A VENT EXHAUSTING HELIUM AT SONIC VELOCITY INTO A SUPERSONIC STREAM OF AIR AT MACH NUMBERS OF 3.51 AND 4.50	1963
19630005898	MANEUVER ACCELERATIONS EXPERIENCED DURING ROUTINE OPERATIONS OF A COMMERCIAL TURBOJET TRANSPORT AIRPLANE	1963
19630005899	AN APPLICATION OF TIME-OPTIMAL CONTROL THEORY TO LAUNCH VEHICLE REGULATION	1963
19630005900	EVALUATION OF A TECHNIQUE FOR DETERMINING TIME-INVARIANT AND TIMEVARIANT DYNAMIC CHARACTERISTICS OF HUMAN PILOTS	1963

Accession Number (DocID)	Title	Publication Year
19630005901	A CONTRIBUTION TO THE THEORY OF PRESSURE STABILIZED STRUCTURES	1963
19630005902	ANALYSIS OF AXISYMMETRIC, ROTATING PRESSURIZED FILAMENTARY STRUCTURES	1963
19630005903	ORBITAL ERROR ANALYSIS OF THE SCOUT RESEARCH VEHICLE	1963
19630005910	THE SPIN WAVE SPECTRA OF YTTRIUM-AND GADOLINIUM-IRON GARNET	1963
19630006276	Optimum Lighting of Leaves	1963
19630006283	BASE HEAT TRANSFER, PRESSURE RATIOS, AND CONFIGURATION EFFECTS OBTAINED ON A 1/27 SCALE SATURN C-1 MODEL AT MACH NUMBERS FROM 0.1 TO 2.0	1963
19630006284	QUALITATIVE EVALUATION OF EFFECT OF HELICOPTER ROTOR-BLADE TIP VORTEX ON BLADE AIRLOADS	1963
19630006285	PRELIMINARY INVESTIGATION OF MELTING, EXTRUDING, AND MECHANICAL PROPERTIES OF ELECTRON-BEAM-MELTED TUNGSTEN	1963
19630006286	NUMERICAL SOLUTION OF AXIALLY SYMMETRIC POISSON EQUATION- THEORY AND APPLICATION TO ION-THRUSTER ANALYSIS. APPENDIX C- IBM 7090 ION-THRUSTOR FORTRAN CODE AND BLOCK DIAGRAM	1963
19630006287	ION SHEATH EFFECTS NEAR ANTENNAS RADIATING WITHIN THE IONOSPHERE	1963
19630006288	TABULATED VALUES OF BOND DISSOCIATION ENERGIES, IONIZATION POTENTIALS, AND ELECTRON AFFINITIES FOR SOME MOLECULES FOUND IN HIGH-TEMPERATURE CHEMICAL REACTIONS	1963
19630006309	EFFECT OF AERODYNAMIC HEATING ON THE FLUTTER OF THIN FLAT-PLATE ARROW WINGS	1963
19630006310	AERODYNAMIC INTERACTION EFFECTS AHEAD OF RECTANGULAR SONIC JETS EXHAUSTING PERPENDICULARLY FROM A FLAT PLATE INTO A MACH NUMBER 6 FREE STREAM	1963
19630006367	SUPERCONDUCTING MAGNETS I MAGNETI SUPERCONDUTTORI	1963
19630006550	EXPLORER XII SATELLITE INSTRUMENTATION FOR THE STUDY OF THE ENERGY SPECTRUM OF COSMIC RAYS	1963
19630006551	SOME EFFECTS OF SIMULATED BENDING AND FOURTH-STAGE SIZE ON LOCAL PRESSURES AND NORMAL-FORCE DISTRIBUTIONS OF A MODEL OF A SCOUT CONFIGURATION AT A MACH NUMBER OF 3.10	1963
19630006552	AERODYNAMIC EFFECTS OF MODIFYING WING INBOARD TRAILING-EDGE CHAMBER OF A MODEL AT HIGH SUBSONIC SPEEDS	1963
19630006553	A REVIEW OF GEODETIC PARAMETERS	1963
19630006554	FULL-SCALE WIND-TUNNEL TESTS OF A MEDIUM-WEIGHT UTILITY HELICOPTER AT FORWARD SPEEDS	1963
19630006765	COSMIC DUST SHOWERS BY DIRECT MEASUREMENTS	1963
19630006793	CALIBRATION OF A THERMAL-CONDUCTIVITY VACUUM GAGE IN THE RANGE OF 10- SUB 4 TO 1 TORR BY MEANS OF A VOLUME-RATIO CALIBRATION SYSTEM	1963
19630006794	PRIMARY COSMIC RAY AND SOLAR PROTONS. II	1963
19630006799	THE ORIGIN OF BLACK SPHERULES FOUND IN PACIFIC ISLANDS, DEEP-SEA SEDIMENTS, AND ANTARTIC ICE	1963
19630006800	INVESTIGATION OF FEASIBILITY OF A POSITIVE DISPLACEMENT INJECTOR FOR ATTITUDE CONTROL PROPULSION	1963
19630006803	ENERGY DISSIPATION CHARACTERISTICS IN TISSUE FOR PROTON RADIATION IN SPACE. I. COMPARATIVE ANALYSIS OF THE LET SPECTRA OF MONOENERGETIC, FLARE PRODUCED, AND FISSION NEUTRON RECOIL PROTONS JOINT REPORT OF NASA AND NAVAL SCHOOL OF AVIATION MEDICINE	1963
19630006807	VELOCITY CORRELATION MEASUREMENTS IN THE MIXING REGION OF A JET	1963
19630006812	EXPERIMENTAL INVESTIGATION OF ROCKET-ENGINE ABLATIVEMATERIAL PERFORMANCE AFTER POSTRUN COOLING AT ALTITUDE PRESSURES	1963
19630006820	1 - 2 - 3 and the Moon- Projects Mercury, Gemini, and Apollo of America's Manned Space Flight Program	1963
19630006823	[Faith 7] Press Conference No. MA-9	1963
19630006824	Orbiting Solar Observatory - First of the "Streetcar" Satellites	1963
19630006825	NASA's Ranger Program	1963
19630006835	DISPERSION AND DAMPING OF LONGITUDINAL ELECTRON OSCILLATIONS IN THERMAL PLASMAS	1963
19630006846	RESEARCH ON THE COLLISION PROBABILITIES OF ELECTRONS AND CESIUM IONS IN CESIUM VAPORS	1963
19630006855	STRUCTURE OF THE MOON'S SURFACE	1963
19630006857	THE INORGANIC SUPEROXIDES	1963
19630006869	Vibrational-Nonequilibrium Flow of Nitrogen in Hypersonic Nozzles	1963
19630006879	PREPARATION AND ANALYSIS OF MUNSON ROAD-TEST TAPES FOR LABORATORY VIBRATION TESTS	1963
19630006880	DEVELOPMENT OF VIBRATION DESIGN PROCEDURES FOR THE ORBITING ASTRONOMICAL OBSERVATORY	1963
19630007004	PRELIMINARY INVESTIGATION OF CATASTROPHIC FRACTURE OF LIQUIDFILLED TANKS IMPACTED BY HIGH-VELOCITY PARTICLES	1963
19630007009	ABUNDANCES OF THE FOURTEEN RARE-EARTH ELEMENTS, SCANDIUM, AND YTTRIUM IN THE SOLAR SYSTEM IN METEORITIC, TERRESTRIAL, AND SOLAR MATTER	1963

Accession Number (DocID)	Title	Publication Year
19630007078	THE TOTAL ELECTRON CONTENT OF THE IONOSPHERE AT MIDDLE LATITUDES NEAR THE PEAK OF THE SOLAR CYCLE	1963
19630007096	Systems Checkout for Apollo	1963
19630007109	THE LONG-PERIOD MOTION OF THE TROJANS, WITH SPECIAL ATTENTION TO THE THEORY OF THUERING	1963
19630007110	Orbit-Launched Nuclear Vehicle Design and Performance Evaluation Procedure for Escape And Planetary Missions	1963
19630007112	PRELIMINARY EXPERIMENTAL INVESTIGATION OF FREQUENCIES AND FORCES RESULTING FROM LIQUID SLOSHING IN TOROIDAL TANKS	1963
19630007113	Evaluation of liquid-fluorine system components	1963
19630007114	ON THE BREAKDOWN VOLTAGES OF SOME ELECTRONEGATIVE GASES AT LOW PRESSURES	1963
19630007115	LONGITUDINAL RANGE ATTAINABLE BY THE CONSTANT-ALTITUDE VARIABLEPITCH REENTRY MANEUVER INITIATED AT VELOCITIES UP TO ESCAPE VELOCITY	1963
19630007116	COMPARISON OF STEADY-STATE AND SIX-DEGREE-OF-FREEDOM ANALYSES OF PITCH-ROLL RESONANCE CONDITIONS FOR A LONG SLENDER SOUNDING ROCKET	1963
19630007118	Tesseral Harmonics of the Gravitational Field and Geodetic Datum Shifts Derived from Camera Observations of Satellites	1963
19630007119	POSSIBLE EFFECTS OF NONUNIFORM FLOWS ON PERFORMANCE OF ELECTROTHERMAL THRUSTORS	1963
19630007152	TEN MICRON PHOTOMETRY OF 25 STARS FROM B8 TO M7	1963
19630007154	SYSTEM CHECKOUT AND FLIGHT TESTING OF UNMANNED LUNAR AND PLANETARY SPACECRAFT	1963
19630007192	SPACE SIMULATION CHAMBER INSTRUMENTATION	1963
19630007232	Evidence from the Moon's Surface Features for the Production of Lunar Granites	1963
19630007247	SYNTHESIS OF ORGANIC COMPOUNDS BY ELECTRIC DISCHARGES	1963
19630007257	SURFACE TEMPERATURE VARIATIONS DURING THE LUNAR NIGHTTIME	1963
19630007261	THE AURORAL RAYS	1963
19630007273	INSTRUMENTS FOR THE CONTINUOUS MEASUREMENT OF THE DENSITY OF FLOWING FLUIDS	1963
19630007276	THE ATMOSPHERE OF MARS	1963
19630007281	ULTRA-VIOLET-ABSORBING COMPOUND S REPORTED PRESENT IN THE MURRAY METEORITE	1963
19630007282	PRESSURE-DENSITY-TEMPERATURE RELATIONS OF FLUID PARA HYDROGEN FROM 15 TO 100 DEG KKAT PRESSURES TO 350 ATMOSPHERES	1963
19630007324	REVIEW OF STUDIES OF TRAPPED RADIATION WITH SATELLITE-BORNE APPARATUS	1963
19630007325	ON THE STABILITY OF A PLANE VORTEX SHEET WITH RESPECT TO THREEDIMENSIONAL DISTURBANCES	1963
19630007326	A METHOD OF DISCUSSION OF THE ELASTIC STABILITY IN NON-LINEAR SNAP BUCKLING. SNAP BUCKLING OF CIRCULAR PLATES DUE TO RAPID HEATING OR COOLING	1963
19630007327	OPERATIONS WITH AN EXPERIMENTAL SATELLITE	1963
19630007328	Sputtering Effects on the Moon's Surface	1963
19630007330	POTENTIAL FOR TELEMETRY IN THE RECORDING OF BRAIN WAVES FROM ANIMALS AND MEN EXPOSED TO THE STRESSES OF SPACE FLIGHT	1963
19630007332	PHOTOCHEMICAL PROBLEMS OF THE VENUS ATMOSPHERE	1963
19630007335	Research in Space Science. Catalogue of Satellite Observations No. C-32	1963
19630007336	ON THE QUANTUM VIRAL EXPANSION	1963
19630007340	INFRARED PHOTOMETRIC MAPPING OF VENUS THROUGH THE 8 - 14 MU ATMOSPHERIC WINDOW	1963
19630007343	EXPERIMENTAL STUDIES FOR THE DETECTION OF PROTEIN IN TRACE AMOUNTS	1963
19630007345	EXPLORATORY STUDIES OF MECHANICAL CYCLING FATIGUE BEHAVIOR OF MATERIALS FOR THE SUPERSONIC TRANSPORT	1963
19630007349	EXPERIMENTAL LIMITS FOR THE ELECTRON-PROTON CHARGE DIFFERENCE AND FOR THE CHARGE OF THE NEUTRON	1963
19630007354	COMPARISON BETWEEN SPECTRAL SCANNING THEORY AND CLASSICAL COLOR VISION THEORIES	1963
19630007443	LABORATORY AND THEORETICAL STUDIES IN THE VACUUM ULTRAVIOLET	1963
19630007459	RAINFALL DETERMINATIONS BY METEOROLOGICAL SATELLITE RADAR	1963
19630007462	INTERNAL FRICTION PEAKS IN SILVER AND PLATINUM AT LOW TEMPERATURES	1963
19630007465	Meteoritic Debris from the Southern California Desert	1963
19630007607	AN EXPLANATION OF VISUAL ADAPTATION IN ACCORDANCE WITH THE SPECTRAL SCANNING THEORY	1963
19630007609	OF ENGINEERING. DETAILED INVESTIGATION OF CAVITATION PITTING CHARACTERISTICS FROM CAVITATING VENTURI TESTS	1963
19630007642	Mercury Spacecraft Pre-Launch Preparations. Part I At the Manufacturer's Plant	1963
19630007645	The mariner 2 data processing system	1963
19630007672	Investigation of Catalyst Beds for 98-Percent-Concentration Hydrogen Peroxide	1963
19630007674	COSMIC-RAY-INDUCED STABLE AND RADIOACTIVE NUCLIDES IN METEORITES	1963
19630007744	RESEARCH IN MATERIALS SCIENCE AND ENGINEERING ANNUAL REPORT, 1962-1963	1963

Accession Number (DocID)	Title	Publication Year
19630007784	Checkout of Mercury-Atlas Launch Vehicles	1963
19630007834	FREE SPHEROIDAL VIBRATIONS OF THE EARTH AT VERY LONG PERIODS, PART II- EFFECT OF RIGIDITY OF THE INNER CORE	1963
19630007852	APPLICATION OF PHASE DETECTION AND AVERAGING TECHNIQUES IN COMPUTER ANALYSIS OF EEG RECORDS IN THE CAT	1963
19630007853	EEG IN SIMULATED STRESSES OF SPACE FLIGHT WITH SPECIAL REFERENCE TO PROBLEMS OF VIBRATION	1963
19630007854	SINGULAR PERTURBATION REFINEMENT TO QUASI-STEADY STATE APPROXIMATION IN CHEMICAL KINETICS	1963
19630007925	Sizing of Nuclear Orbit Launch Vehicles for Interplanetary Missions	1963
19630007932	ROMBUS - An Integrated Systems Concept for a Reusable Orbital Module (Booster and Utility Shuttle)	1963
19630007936	Can the Antarctic Treaty Point to a Treaty in Outer Space	1963
19630007953	TRENDS IN SPACE POWER AND ANTICIPATED LUBRICATION NEEDS	1963
19630007978	Comparison of no load, static fluid film stiffness and load carrying capacities among several bearing types	1963
19630008027	PHYSICAL CONDITIONS IN LIMB FLARES AND ACTIVE PROMINENCES. VI. SELECTIVE EXCITATION CONDITIONS	1963
19630008033	ANALOG ANALYSES OF SEISMOGRAMS RECORDED ON MAGNETIC TAPE	1963
19630008081	COMMON PATH INTERFEROMETER USING FRESNEL ZONE PLATES	1963
19630008089	Possible New Atomic Resonances	1963
19630008138	NONADIABATIC THEORY OF ELECTRON-HYDROGEN SCATTERING, PART II	1963
19630008158	THE DISTRIBUTION OF INTERPLANETARY HYDROGEN	1963
19630008159	CROSSTALK OF FREQUENCY-MULTIPLEXED SIGNALS IN SATURATING AMPLIFIERS	1963
19630008174	The Solution of an Integral Equation for the Lunar Scattering Function	1963
19630008251	ON A CONSISTENT SYSTEM OF ASTRODYNAMIC CONSTANTS	1963
19630008252	LOW-SUBSONIC MEASUREMENTS OF STATIC AND DYNAMIC STABILITY DERIVATIVES OF SIX FLAT-PLATE WINGS HAVING LEADING-EDGE SWEEP ANGLES OF 70 DEG TO 84 DEG	1963
19630008253	ON THE ERROR PROPAGATION OF SOME INTERPOLATION FORMULAS FOR SECOND-ORDER DIFFERENTIAL EQUATIONS	1963
19630008255	ARREST OF A MOVING MASS BY AN ATTACHED MEMBRANE	1963
19630008256	AN INVESTIGATION OF A NEW NICKEL ALLOY STRENGTHENED BY DISPERSED THORIA	1963
19630008257	RANDOM DEVIATIONS FROM STABILIZED CRUISE ALTITUDE OF COMMERCIAL TRANSPORTS AT ALTITUDES UP TO 40, 000 FEET WITH AUTOPILOT IN ALTITUDE HOLD	1963
19630008258	PRESSURE DISTRIBUTIONS ON BLUNT DELTA WINGS AT ANGLES OF ATTACK UP TO 90 DEG AND MACH NUMBER OF 6.85	1963
19630008259	EFFECTS OF ROUNDING CORNERS AND LEADING EDGES ON THE WINDWARDSURFACE PRESSURES OF A DELTA WING SWEPT 65 DEG AT A MACH NUMBER OF 5.96 AT ANGLES OF ATTACK FROM 65 DEG TO 115 DEG AND ANGLES OF ROLL FROM 0 DEG TO 25 DEG AT 90 DEG ANGLE OF ATTACK	1963
19630008270	THE ROLE AND LIMITATION OF DAMPING IN THE CONTROL OF VIBRATION AND NOISE	1963
19630008282	DESIGN CRITERIA FOR ZERO-LEAKAGE CONNECTORS FOR LAUNCH VEHICLES, VOL. 3 - SEALING ACTION AT THE SEAL INTERFACE	1963
19630008283	TABLES FOR THE INTEGRAL OF THE CIRCULAR BIVARIATE NORMAL FREQUENCY FUNCTION	1963
19630008284	THE SIGNIFICANCE OF ATMOSPHERIC BALLISTICS IN ROCKET TECHNOLOGY	1963
19630008285	MEASUREMENT OF THE HEAT TRANSFER TO BODIES OF REVOLUTION IN FREE FLIGHT BY USE OF A CATCHER CALORIMETER	1963
19630008286	TRAILBLAZER I REENTRY-BODY WIND-TUNNEL TESTS AT A MACH NUMBER OF 6.7 WITH THEORETICAL AERODYNAMICS AND A LIMITED DYNAMICS ANALYSIS	1963
19630008290	LATITUDE SURVEY OF COSMIC RAY INTENSITY BY EXPLORER VII, OCTOBER 1959 TO FEBRUARY 1961	1963
19630008291	ORTHO AND PARATRITIUM	1963
19630008299	A SIMPLE ENVIRONMENTAL CHAMBER FOR ROTATING-BEAM FATIGUE TESTING MACHINES	1963
19630008300	DIURNAL VARIATION OF THE HYDROGEN CONCENTRATION IN THE EXOSPHERE	1963
19630008301	ABSORPTION BAND SHAPE AND URBACH'S RULE IN IONIC CRYSTALS	1963
19630008328	ALGOL Solid Rocket Motor Program	1963
19630008329	ALGOL Solid Rocket Motor Program	1963
19630008330	Twenty-Second Monthly Progress Report ALGOL Solid Rocket Motor Program	1963
19630008331	Algol Solid Rocket Motor Program	1963
19630008332	PLUM BROOK REACTOR CONTAINMENT VESSEL	1963
19630008333	FLIGHT TEST OF A PITCH CONTROL FOR A SPINNING VEHICLE	1963
19630008334	LOADS INDUCED ON A FLAT PLATE AT A MACH NUMBER OF 4.5 WITH A SONIC OR SUPERSONIC JET EXHAUSTING NORMAL TO THE SURFACE	1963
19630008355	THEORETICAL ELASTIC STRESS DISTRIBUTIONS IN CASSINIAN DOMES	1963
19630008356	THERMAL DECOMPOSITION OF SOME LINEAR PERFLUOROALKANES IN AN INCONEL BOMB	1963
19630008357	USE OF AERODYNAMIC PARAMETERS FROM NONLINEAR THEORY IN MODIFIEDSTRIP-ANALYSIS FLUTTER CALCULATIONS FOR FINITE-SPAN WINGS AT SUPERSONIC SPEEDS	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630008358	AN ANALYSIS OF VG AND VGH OPERATIONAL DATA FROM A TWIN-ENGINE TURBOPROP TRANSPORT AIRPLANE	1963
19630008359	RADIATION EFFECTS IN PHYSICS, CHEMISTRY, AND BIOLOGY. PROCEEDINGS OF THE SECOND INTERNATIONAL CONGRESS OF RADIATION RESEARCH	1963
19630008377	MEASUREMENTS OF NEAR FIELD PRESSURES OF SUBSONIC JETS	1963
19630008378	IMCC SYSTEMS AND PERFORMANCE REQUIREMENTS SPECIFICATION	1963
19630008379	USE OF A COORDINATE TRANSFORMATION IN THE INCREMENTAL PHASE PLANE	1963
19630008395	COLLISION LIFETIMES IN MANY-BODY PROCESSES	1963
19630008408	ELASTIC INSTABILITY OF PRESSURIZED CYLINDRICAL SHELLS UNDER COMPRESSION OR BENDING	1963
19630008409	ADAPTIVE CHARACTERISTICS OF MANUAL TRACKING	1963
19630008412	INVESTIGATION OF ACTIVATED SPECIES	1963
19630008413	DESIGN AND CONSTRUCTION OF A LUNAR SEISMOGRAPH	1963
19630008414	NEW MEASUREMENTS OF STEEP LUNAR SLOPES	1963
19630008437	UTILIZATION OF NASA-GENERATED SPACE TECHNOLOGY BY MIDWESTERN INDUSTRY	1963
19630008438	METHODS OF WAFFLE PLATE SYNTHESIS	1963
19630008439	UTILIZATION OF NASA-GENERATED SPACE TECHNOLOGY BY MIDWESTERN INDUSTRY	1963
19630008442	OBSERVATION OF SOLAR COSMIC RAYS FROM OCTOBER 13, 1959 TO FEBRUARY 17, 1961 WITH EXPLORER VII	1963
19630008444	Interaction Energies and Transport Coefficients of Li plus H and O plus H Gas Mixtures at High Temperatures	1963
19630008460	BASIC CONCEPTS OF ELASTIC STABILITY	1963
19630008465	INVESTIGATION OF ADVANCED HIGH ENERGY SPACE STORABLE PROPELLANT SYSTEM - OF 2 B SUB2 H SUB 6	1963
19630008466	LUNAR STRATIGRAPHY	1963
19630008473	REGULATED D-C TO D-C SCR CONVERTER EMPLOYING NONLINEAR TWO-CORE TRANSFORMER	1963
19630008492	DEVELOPMENT OF MEDICAL AND BIOLOGICAL SEMICONDUCTOR DETECTORS	1963
19630008493	HEAT TRANSFER TO A GAS CONTAINING A CLOUD OF PARTICLES	1963
19630008494	NOTES OF WORKING SYMPOSIUM ON SOLAR SYSTEM CONSTANTS, FEBRUARY 22-26, 1962	1963
19630008495	ANALYSIS OF THE TSIEN NOZZLE	1963
19630008497	SUPERIOR DIET FOR MAN IN SPACE	1963
19630008498	DYNAMIC DIFFUSION PROCESSES IN THE EXOSPHERE	1963
19630008510	ASYMPTOTIC PERFORMANCE CHARACTERISTICS FOR MULTIRECEIVER COMMUNICATIONS THROUGH THE RICIAN MULTICHANNEL	1963
19630008512	PROPERTIES OF NON-STOICHIOMETRIC METALLIC CARBIDES	1963
19630008514	DESIGN CRITERIA FOR ZERO-LEAKAGE CONNECTORS FOR LAUNCH VEHICLES. VOLUME 5, PRESSURE ENERGIZED SEALS	1963
19630008515	THE EFFECT OF A STRONG MAGNETIC FIELD ON TWO-DIMENSIONAL FLOWS OF A CONDUCTING FLUID	1963
19630008517	Research on the Collision Probabilities of Electrons and Cesium Ions in Cesium Vapor	1963
19630008518	RADAR BACK-SCATTERING MEASUREMENTS FROM "MOON-LIKE" SURFACES	1963
19630008519	EXPLORATION OF THE STRATOSPHERE FOR VIABLE MICROORGANISMS	1963
19630008521	INFLUENCE OF SURFACE COATINGS ON EXO-ELECTRON EMISSION DURING FATIGUE	1963
19630008523	PHYSICS OF SOLID MATERIALS	1963
19630008524	THE ANNUAL VARIATION IN THE RADIANT DISTRIBUTION OF SPORADIC METEORS	1963
19630008525	INFORMATION PROCESSING CAPACITY IN SINGLE AND DUAL SENSORY CHANNELS	1963
19630008529	DEFORMATION OF MAGNETIC SHELLS DURING MAGNETIC STORMS	1963
19630008532	SOME SATELLITE ORBITS FOR THE WORLD MAGNETIC SURVEY	1963
19630008534	THE EFFECT OF NUCLEATION OF SURFACE SLIP ON THE FLOW AND FRACTURE OF BERYLLIUM	1963
19630008537	EFFECTS OF SOLAR PLASMA AND ELECTROMAGNETIC RADIATION IN THIN FILMS	1963
19630008538	FEASIBILITY OF REMOTE COMPOSITIONAL MAPPING OF THE LUNAR SURFACE. EFFECTS OF SURFACE ROUGHNESS	1963
19630008539	HIGH TEMPERATURE PROTECTIVE COATINGS DEVELOPMENTS AT GENERAL DYNAMICS FORT WORTH	1963
19630008541	ABUNDANCES OF THE NOBLE GASES IN THE ATMOSPHERE AND IN METEORITES	1963
19630008543	MAGNETIC CHARACTER OF VERY THIN PERMALLOY FILMS	1963
19630008546	Project Syncom	1963
19630008581	ENERGETIC PARTICLES IN THE INNER VAN ALLEN BELT	1963
19630008583	CERENKOV-SCINTILLATION COUNTER MEASUREMENTS OF THE LIGHT, MEDIUM, AND HEAVY NUCLEI IN THE PRIMARY COSMIC RADIATION FROM SUNSPOT MINIMUM TO SUNSPOT MAXIMUM	1963
19630008584	A STATISTICAL MODEL FOR SYNTHETIC WIND PROFILES FOR AEROSPACE VEHICLE DESIGN AND LAUNCHING CRITERIA	1963
19630008585	IN-FLIGHT AERODYNAMIC NOISE MEASUREMENTS ON A SCOUT LAUNCH VEHICLE	1963
19630008586	TRAJECTORY ENTRY CONDITIONS AT THE LUNAR SPHERE OF INFLUENCE FOR APPLICATION TO DETAILED STUDIES OF NEAR-MOON TRAJECTORY AND IMPACT CONDITIONS	1963

Accession Number (DocID)	Title	Publication Year
19630008587	EXPERIMENTAL STUDIES OF BOWEN'S DECARBONATION SERIES, II. P-T UNIVARIANT EQUILIBRIA OF THE REACTION FORSTERITE PLUS CALCITE EQUALS MONTICELLITE PLUS PERICLASE PLUS CO SUB 2	1963
19630008589	THE INFLUENCE OF HEATING RATE AND TEST STREAM OXYGEN CONTENT ON THE INSULATION EFFICIENCY OF CHARRING MATERIALS	1963
19630008590	STATIC AERODYNAMIC CHARACTERISTICS OF THREE ROCKET-VEHICLE CONFIGURATIONS AT MACH NUMBERS FROM 1.80 TO 4.63 INCLUDING SOME EFFECTS OF FIN SIZE, FIN CANT, AND AUXILIARY ROCKET MOTORS	1963
19630008591	STATIC STABILITY CHARACTERISTICS OF MODELS OF THE BLUE SCOUT AND THE BLUE SCOUT, JR., RESEARCH VEHICLES AT MACH NUMBERS FROM 2.29 TO 3.75	1963
19630008592	A TRAJECTORY ANALYSIS OF A VARIABLE-DRAG PAYLOAD EJECTED FROM A VEHICLE IN A LOW EARTH ORBIT	1963
19630008593	HEAT TRANSFER TO BLUNT CONICAL BODIES HAVING CAVITIES TO PROMOTE SEPARATION	1963
19630008600	INFRARED RADIATION MEASUREMENTS PERFORMED FROM EARTH SATELLITES	1963
19630008608	A NEW HORN ANTENNA WITH SUPPRESSED SIDELOBES AND EQUAL BEAMWIDTHS	1963
19630008609	A PRELIMINARY INVESTIGATION OF THE MEASURED ATMOSPHERIC EFFECTS UPON SOUND PROPAGATION	1963
19630008611	HIGH CHAMBER PRESSURE OPERATION FOR LAUNCH VEHICLE ENGINES	1963
19630008614	Determining Aerodynamic heating Rates Using Calorimetric Models in the Jet Propulsion Laboratory Hypersonic Wind Tunnel	1963
19630008616	DESIGN CRITERIA FOR ZERO-LEAKAGE CONNECTORS FOR LAUNCH VEHICLES. VOLUME 2- LEAKAGE FLOW	1963
19630008617	DESIGN CRITERIA FOR ZERO-LEAKAGE CONNECTORS FOR LAUNCH VEHICLES. VOLUME 4- DESIGN OF CONNECTORS	1963
19630008619	OPTICAL CONSTANTS OF METALS IN THE EXTREME ULTRAVIOLET. I. A MODIFIED CRITICAL ANGLE TECHNIQUE FOR MEASURING THE INDEX OF REFRACTION OF METALS IN THE EXTREME ULTRAVIOLET	1963
19630008620	Neutral Composition Obtained from a Rocket-Borne Mass Spectrometer	1963
19630008621	PROJECT FOG DROPS. INVESTIGATION OF WARM FOG PROPERTIES AND FOG MODIFICATION CONCEPTS 1ST	1963
19630008622	INVESTIGATION OF A SEMISPAN TILTING-PROPELLER CONFIGURATION AND EFFECTS OF RATIO OF WING CHORD TO PROPELLER DIAMETER ON SEVERAL SMALL-CHORD TILTING-WING CONFIGURATIONS AT TRANSITION SPEEDS	1963
19630008623	AERODYNAMIC LOADING CHARACTERISTICS OF A 1/10-SCALE MODEL OF THE THREE-STAGE SCOUT VEHICLE AT MACH NUMBERS FROM 1.57 TO 4.65	1963
19630008680	SOME OBSERVATIONS ON THE STRUCTURE OF A SLOW BURNING FLAME SUPPORTED BY THE REACTION BETWEEN HYDROGEN AND OXYGEN AT ATMOSPHERIC PRESSURE	1963
19630008775	RESONANCE IN A COLD MULTICONSTITUENT PLASMA AT ARBITRARY ORIENTATION TO THE MAGNETIC FIELD	1963
19630008776	ADDITIONAL STUDIES OF SCREEN AND ACCELERATOR GRIDS FOR ELECTRON BOMBARDMENT ION THRUSTORS	1963
19630008777	ULTRAVIOLET PHOTODETECTORS	1963
19630008778	NEUTRALIZER TESTS ON A FLIGHT-MODEL ELECTRON-BOMBARDMENT ION THRUSTOR	1963
19630008779	EXPERIENCE IN THERMAL-VACUUM TESTING EARTH SATELLITES AT GODDARD SPACE FLIGHT CENTER	1963
19630008780	SOME ASPECTS OF STRATOSPHERIC CIRCULATION DERIVED FROM METEOROLOGICAL ROCKET FIRINGS OVER THE UNITED STATES DURING THE WINTER OF 1961	1963
19630008781	FLIGHT OPERATING PROBLEMS AND AERODYNAMIC AND PERFORMANCE CHARACTERISTICS OF A FIXED-WING, TILT-DUCT, VTOL RESEARCH AIRCRAFT	1963
19630008782	AN EXPERIMENTAL EVALUATION OF THREE TYPES OF THERMAL PROTECTION MATERIALS AT MODERATE HEATING RATES AND HIGH TOTAL HEAT LOADS	1963
19630008783	POSITRON-HYDROGEN SCATTERING	1963
19630008784	ACHIEVING SATELLITE RELIABILITY THROUGH ENVIRONMENTAL TESTS	1963
19630008785	EXPERIMENTAL INVESTIGATION OF CHEMICAL REGENERATION OF SURFACES IN SIMULATED THERMIONIC DIODES	1963
19630008787	THE PURPOSES OF ENVIRONMENTAL TESTING FOR SCIENTIFIC SATELLITES	1963
19630008788	ROUGH-AIR EFFECT ON CREW PERFORMANCE DURING A SIMULATED LOW ALTITUDE HIGH-SPEED SURVEILLANCE MISSION	1963
19630008789	EFFECT OF FABRICATION-TYPE SURFACE ROUGHNESS ON TRANSITION ON OGIVE-CYLINDER MODELS AT MACH NUMBERS OF 1.61 AND 2.01	1963
19630008790	LOW-SPEED INVESTIGATION OF CABLE TENSION AND AERODYNAMIC CHARACTERISTICS OF A PARAWING AND SPACECRAFT COMBINATION	1963
19630008792	MEASUREMENT OF TORSIONAL RIGIDITY OF STIFFENED PLATES	1963
19630008893	ESTIMATES OF ATTENUATION AND REFLECTION OF TELEMETERING SIGNALS BY IONIZED FLOW FIELDS SURROUNDING TYPICAL REENTRY BODIES	1963

Accession Number (DocID)	Title	Publication Year
19630008894	INVESTIGATION OF THE EFFECTS OF VARIABLE-AMPLITUDE LOADINGS ON FATIGUE CRACK PROPAGATION PATTERNS	1963
19630008895	INVESTIGATION OF THE LANDING CHARACTERISTICS OF A REENTRY VEHICLE HAVING A CANTED MULTIPLE-AIR-BAG LOAD-ALLEVIATION SYSTEM	1963
19630008896	A METHOD FOR PREDICTING THE STATIC STRENGTH OF A STIFFENED SHEET CONTAINING A SHARP CENTRAL NOTCH	1963
19630008983	A LINEARIZED ANALYSIS AND DESIGN OF AN AUTOMATIC BALANCING SYSTEM FOR THE THREE AXIS AIR BEARING TABLE	1963
19630008984	A PROPOSED METHOD FOR IMPROVING THE PASSBAND CHARACTERISTICS OF THE PERIODIC INTERFEROMETRIC MODULATOR	1963
19630008987	SPACE, SOCIETY AND SOCIAL SCIENCE. REPORT TO THE COMMITTEE ON SPACE EFFORTS AND SOCIETY OF THE AMERICAN ACADEMY OF ARTS AND SCIENCES	1963
19630008988	Pyrolytically Derived Refractory Materials for Aerospace Application	1963
19630008989	PHASE AND ATTENUATION CHARACTERISTICS OF A VOLTAGE CONTROLLED ATTENUATOR	1963
19630008990	SELF-SEALING SPACECRAFT STRUCTURES IN THE METEOROID ENVIRONMENT	1963
19630008991	A STEADY-STATE HEAT METER FOR DETERMINING THE HEAT-TRANSFER RATE TO A COOLED SURFACE	1963
19630008992	INTERPLANETARY TRAJECTORY ENCKE METHOD ITEM PROGRAM MANUAL	1963
19630009000	RELAXATION EFFECTS IN THE TRANSPORT PROPERTIES OF A GAS OF ROUGH SPHERES	1963
19630009010	A TECHNIQUE FOR PREDICTING FAR-FIELD ACOUSTIC ENVIRONMENTS DUE TO A MOVING ROCKET SOUND SOURCE	1963
19630009011	A THEORETICAL BASIS FOR MECHANICAL IMPEDANCE SIMULATION IN SHOCK AND VIBRATION TESTING OF ONE-DIMENSIONAL SYSTEMS	1963
19630009012	TRANSONIC INVESTIGATION OF THE EFFECTS OF NOSE BLUNTNESS, FINENESS RATIO, CONE ANGLE, AND BASE SHAPE ON THE STATIC AERODYNAMIC CHARACTERISTIC OF SHORT, BLUNT CONES AT ANGLES OF ATTACK TO 180 DEG	1963
19630009017	COMPARISON OF EXPERIMENTAL TO PREDICTED HEAT TRANSFER ON A BELLSHAPED NOZZLE WITH UPSTREAM FLOW DISTURBANCES	1963
19630009119	STATIC AND DYNAMIC FORCES OF PARTIAL ARC SELF-ACTING GAS JOURNAL BEARINGS AT MODERATE COMPRESSIBILITY NUMBERS	1963
19630009120	HIGH TEMPERATURE PROPERTIES OF SODIUM AND POTASSIUM	1963
19630009128	Influence of Constant Disturbing Torques on the Motion of Gravity-Gradient Stabilized Satellites	1963
19630009152	ASYMPTOTIC FIXED POINT THEOREMS AND PERIODIC SYSTEMS OF FUNCTIONAL-DIFFERENTIAL EQUATIONS	1963
19630009160	A Multipurpose, Manned, Orbital Space Station	1963
19630009197	A SCINTILLATION COUNTER TELESCOPE FOR CHARGE AND MASS IDENTIFICATION OF PRIMARY COSMIC RAYS	1963
19630009198	HYPERTHERMAL RESEARCH FACILITY	1963
19630009217	Research in Space Science. Catalog of Precisely Reduced Observations, No. P-8	1963
19630009292	Propeller Whirl Considerations for V/Stol Aircraft	1963
19630009299	EFFECTS OF DISPLAY NOISE ON PILOT CONTROL OF THE TERMINAL PHASE OF SPACE RENDEZVOUS	1963
19630009300	TECHNIQUES USED TO MEASURE THE HYDRAULIC CHARACTERISTICS OF THE NASA PLUM BROOK REACTOR	1963
19630009301	STATIC LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF AN ELASTIC CANARD-FUSELAGE CONFIGURATION AS MEASURED IN AIR AND IN FREON-12 AT MACH NUMBERS UP TO 0.92	1963
19630009302	DIRECTIONAL BEHAVIOR OF EMITTED AND REFLECTED RADIANT ENERGY FROM A SPECULAR, GRAY, ASYMMETRIC GROOVE	1963
19630009303	STUDY OF A GUIDANCE SCHEME USING APPROXIMATE SOLUTIONS OF TRAJECTORY EQUATIONS TO CONTROL THE AERODYNAMIC SKIP FLIGHT OF A REENTRY VEHICLE	1963
19630009324	SPACE PROGRAMS SUMMARY NO. 37-21, VOLUME III, FOR THE PERIOD MARCH 1, 1963 TO APRIL 30, 1963	1963
19630009325	EARTH - VENUS TRAJECTORIES, 1964, VOL. I, PART. C	1963
19630009326	THE EXPLODING WIRE PHENOMENON REVISED	1963
19630009327	GEAR EQUIPMENT OF DSIF ANTENNAS	1963
19630009328	OPTIMAL RANGING CODES	1963
19630009385	A STUDY OF POLYMERS CONTAINING SILICON-NITROGEN BONDS	1963
19630009388	DEVELOPMENT OF NI-CR-A1 ALLOYS FOR HIGH TEMPERATURE TUBING APPLICATIONS	1963
19630009390	STUDY ON BELL-MODE VIBRATIONS OF CONICAL NOZZLES	1963
19630009398	A METHOD FOR DETERMINING THE PROPELLANT REQUIRED TO MAINTAIN AN EARTH ORBITAL VEHICLE IN A USEFUL ORBIT BETWEEN TWO SPECIFIED ALTITUDE LIMITS	1963
19630009399	AN ANALYSIS OF THE LUNAR RETURN MISSION	1963
19630009400	AN INVESTIGATION OF THE NATURAL FREQUENCIES AND MODE SHAPES OF DOUBLE CONICAL SANDWICH DISKS	1963
19630009401	MEASUREMENTS OF THE RESPONSE OF TWO LIGHT AIRPLANES TO SONIC BOOMS	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630009402	THE COUPLED DYNAMIC RESPONSE OF A TANK PARTIALLY FILLED WITH A LIQUID AND UNDERGOING FREE AND FORCED PLANAR OSCILLATIONS	1963
19630009423	DEVELOPMENT OF DESIGN DATA FOR THE APPLICATION OF PHENOLIC ASBESTOS LAMINATES ON FIRE VEHICLE HEAT PROTECTIVE SYSTEMS. ADDENDUM- ABLATION RESISTANCE OF PHENOLIC ASBESTOS LAMINATE	1963
19630009425	EDGE INFLUENCE COEFFICIENTS FOR CYLINDERS WITH LINEARLY VARYING WALL THICKNESS	1963
19630009490	PROPERTIES OF THE F SUB 2 REGION OF THE IONOSPHERE	1963
19630009492	THE ORBITING ASTRONOMICAL OBSERVATORY AND THE ORBITING SOLAR OBSERVATORY	1963
19630009493	ARCTIC METEOROLOGY PHOTO PROBE POLARIZED LIGHT EXPERIMENT CONTINUATION OF PROJECT AMPP	1963
19630009494	COMPUTATION OF GENERAL PLANETARY PERTURBATIONS, PART I	1963
19630009512	ROTATIONAL RELAXATION AND THE RELATION BETWEEN THERMAL CONDUCTIVITY AND VISCOSITY FOR SOME NONPOLAR POLYATOMIC GASES	1963
19630009514	A SURVEY OF THE INFLUENCE OF VARIATIONS IN STAGE CHARACTERISTICS ON OPTIMIZED TRAJECTORY SHAPING. PART II- TRANSFER FROM CIRCULAR ORBITS INTO A SPACE FIXED ELLIPSE	1963
19630009621	STUDIES ON SPECIAL TOPICS IN SEALING	1963
19630009666	COMBINATIONS OF LEAST-SQUARES APPROXIMATIONS IN THE CASE OF CORRELATED VARIABLES	1963
19630009718	Study of Dynamic and Static Seals for Liquid Rocket Engines, Volume 1	1963
19630009719	STUDY OF DYNAMIC AND STATIC SEALS FOR LIQUID ROCKET ENGINES, VOLUME 3A- BIBLIOGRAPHY OF ASTIA LITERATURE ON SEALS	1963
19630009720	STUDY OF DYNAMIC AND STATIC SEALS FOR LIQUID ROCKET ENGINES, VOLUME 3B- BIBLIOGRAPHY OF OPEN LITERATURE ON SEALS	1963
19630009728	MASS SPECTROMETRIC INVESTIGATIONS OF THE ATMOSPHERE BETWEEN 100 AND 227 KILOMETERS ABOVE WOLLOPS ISLAND, VIRGINIA	1963
19630009730	FREE-FLIGHT INVESTIGATION OF THE DEPLOYMENT, DYNAMIC STABILITY, AND CONTROL CHARACTERISTICS OF A 1/2-SCALE DYNAMIC RADIOCONTROLLED MODEL OF A LARGE BOOSTER AND PARAWING	1963
19630009731	APPLICATION OF DORODNITSYN'S INTEGRAL METHOD TO NONEQUILIBRIUM FLOWS OVER POINTED BODIES	1963
19630009732	CONTROL OF A LARGE LAUNCH VEHICLE WITH LIMITED THRUST VECTORING IN THE PRESENCE OF WINDS	1963
19630009733	IMPORTANT STRUCTURAL RESEARCH PROBLEMS FOR THE SUPPORT OF FUTURE SPACE MISSIONS	1963
19630009761	FUNDAMENTAL INEQUALITIES FOR DISCRETE AND DISCONTINUOUS FUNCTIONAL EQUATIONS	1963
19630009773	COMPATIBILITY OF CESIUM VAPOR WITH SELECTED MATERIALS AT TEMPERATURES TO 1200 DEG F	1963
19630009774	A COMPARATIVE ANALYSIS OF CONVECTIVE HEAT TRANSFER IN A NUCLEAR ROCKET NOZZLE	1963
19630009797	SEMI-ANNUAL REPORT FOR THE PERIOD JAN. 1 - JUNE 30, 1963 <RESEARCH ON THE APPLICATION OF MOLECULAR QUANTUM MECHANICS TO CALCULATIONS OF THE CHEMICAL AND PHYSICAL PROPERTIES OF MATERIALS AND THE CHEMISTRY OF THE UPPER ATMOSPHERE>	1963
19630009801	Results of IGY Rocket-Grenade Experiments to Measure Temperatures and Winds Above the Island of Guam	1963
19630009862	A Multiman-Machine System Simulation Facility and Related Research on Information-Processing and Decision-Making Tasks	1963
19630009906	DEVELOPMENT OF THE MIDCOURSE TRAJECTORY-CORRECTION PROPULSION SYSTEM FOR THE RANGER SPACECRAFT	1963
19630009909	SOIL ORGANIC MATTER	1963
19630009910	SYNCOM 1 IGNITER SQUIB DEVELOPMENT AND QUALIFICATION	1963
19630009975	A RESEARCH STUDY TO INVESTIGATE THE APPLICATION OF FILAMENT WINDING FOR SECTIONS OF AN ERECTABLE SPACE STATION	1963
19630009978	A STUDY OF VHF ABSORBERS AND ANECHOIC ROOMS	1963
19630009981	CALIBRATIONS OF AIRCRAFT STATIC-PRESSURE SYSTEMS BY GROUND-CAMERA AND GROUND-RADAR METHODS	1963
19630010060	CENTAUR SURVEYOR DIRECT ASCENT LUNAR CONIC TRAJECTORIES, 1964- 1967	1963
19630010061	WATER RECOVERY STUDY	1963
19630010063	Survey and Classification of Earth-Moon Trajectories Based on Newly Discovered Properties	1963
19630010077	SATELLITE ORBITAL DATA NO. E-2. RESEARCH IN SPACE SCIENCE	1963
19630010078	SATELLITE ORBITAL DATA	1963
19630010079	NOTES ON THE DESIGN AND OPERATION OF SATELLITE TRACKING STATIONS FOR GEODETIC PURPOSES	1963
19630010080	PRECISE ASPECTS OF TERRESTRIAL AND CELESTIAL REFERENCE FRAMES RESEARCH IN SPACE SCIENCE	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630010081	VENUS- A SUMMARY OF PRESENT KNOWLEDGE	1963
19630010082	MICROBIAL CONTAMINATION OBTAINED ON SURFACES EXPOSED TO ROOM AIR OR TOUCHED BY THE HUMAN HAND	1963
19630010084	Study of Zero-gravity Positive Expulsion Techniques	1963
19630010087	PROTECTIVE COATINGS FOR SHEET METALS IN SUPERSONIC TRANSPORT AIRCRAFT	1963
19630010108	A NOTE ON THE SOLUTION FOR THE SLOWLY OSCILLATING BODY OF REVOLUTION IN SUPERSONIC FLOW	1963
19630010110	A NOTE ON THE INFLUENCE OF SHIELD GEOMETRY ON AIR DOSE AND TISSUE DOSE FROM PROTONS WITHIN A SPACE VEHICLE	1963
19630010120	THE PLACE OF THE PHYSICIST IN THE SPACE EFFORT	1963
19630010192	AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF PRESSURE TRANSIENTS ON POOL BOILING BURNOUT	1963
19630010228	Apollo -- Little Joe II Flight Qualification Test No. 1. Press Kit	1963
19630010312	Evaluation of Lunar Gravity Needs and Gravity Meter Capabilities	1963
19630010315	TECHNIQUES FOR SUPERHETERODYNE RECEIVERS ABOVE 100 GIGACYCLES	1963
19630010323	OBSERVATORY PROGRAM WRITEUP SCROGE	1963
19630010327	STUDY SERIES. VOLUME 6- A STUDY OF GEOMETRICAL AND TERMINAL CHARACTERISTICS OF EARTH-MOON TRANSITS EMBEDDED IN THE EARTH-MOON PLANE	1963
19630010330	A THERMODYNAMICAL MODEL OF CONDUCTIVITY DISPERSION IN PLASMAS AND SEMICONDUCTORS	1963
19630010331	GENERALIZATION OF LAPLACE'S EXPANSION TO ARBITRARY POWERS AND FUNCTIONS OF THE DISTANCE BETWEEN TWO POINTS	1963
19630010334	THE METEOROID ENVIRONMENT OF PROJECT APOLLO	1963
19630010363	C-5 LAUNCH FACILITIES	1963
19630010364	INVESTIGATION OF COOLING PROBLEMS AT HIGH CHAMBER PRESSURES	1963
19630010368	BIOCHEMICAL STUDY OF MIXED CULTURE PROTOTYPE IN A CLOSED ECOLOGICAL SYSTEM NASA	1963
19630010369	BIBLIOGRAPHY OF BACKSCATTER AND RELATED SUBJECTS	1963
19630010370	CURRENT SHEATH DYNAMICS AND MAGNETOSONIC OSCILLATIONS IN MAGNETOPLASMAS	1963
19630010371	ANALYSIS OF WAVES IN BOUNDED MAGNETOACTIVE PLASMA	1963
19630010376	FREEZING AND DRYING OF LIVING CELLS	1963
19630010378	RESEARCH IN SPACE SCIENCE SATELLITE ORBITAL DATA	1963
19630010379	RESEARCH ON LOW DENSITY THERMAL INSULATION MATERIALS FOR USE ABOVE 3000 DEG F	1963
19630010380	Temperature Dependence of the Heterogeneous Atomic-Hydrogen Carbon Reaction	1963
19630010388	COLLISION LIFETIMES AND THE THERMODYNAMICS OF REAL GASES	1963
19630010435	HANDBOOK OF SPACE-RADIATION EFFECTS ON SOLAR-CELL POWER SYSTEMS	1963
19630010436	STUDY OF OPTIMUM ENVIRONMENTAL PROTECTION AGAINST METEOROID PENETRATION	1963
19630010439	Gemini Rendezvous Radar	1963
19630010454	THE EXPLORER XVI MICROMETEOROID SATELLITE. SUPPLEMENT II, PRELIMINARY RESULTS FOR THE PERIOD MARCH 3, 1963 THROUGH MAY 26, 1963	1963
19630010554	EXPERIMENTAL PERFORMANCE OF A HIGH-CURRENT-DENSITY CYLINDRICAL CONCAVE POROUS TUNGSTEN EMITTER FOR ION THRUSTORS	1963
19630010596	BRAYTON CYCLE NUCLEAR SPACE POWER SYSTEMS AND THEIR HEATTRANSFER COMPONENTS	1963
19630010701	A Simple Fast Response Anemometer	1963
19630010721	CHARACTERISTIC OF PASSIVE COMMUNICATION SATELLITES WITH LAMBERTIAN SURFACES	1963
19630010722	A METHOD TO OPTIMIZE THE SOLAR CELL POWER SUPPLY FOR INTERPLANETARY SPACECRAFT	1963
19630010756	6571ST A BIDIRECTIONAL GRADIENT OF GENERALIZED CONDITIONED RESPONSE BASED ON A VISUAL-SPATIAL DIMENSION IN CHIMPANZEES	1963
19630010757	The Application of Certain Propositions of Cybernetics to the Problems of Controlling the Power System Under Emergency Conditions - USSR	1963
19630010767	Manned Space Flight - 1963	1963
19630010803	Radio Emission from Flare Stars	1963
19630010872	VISUAL STUDY OF SWIRLING AND NONSWIRLING TWO-PHASE TWO-COMPONENT FLOW AT 1 AND 0 GRAVITY	1963
19630010916	Schiff's Charges and Currents in Rotating Matter	1963
19630010918	WEAR AND FRICTION OF MECHANICAL CARBONS IN LIQUID OXYGEN AS INFLUENCED BY TRANSFER FILMS	1963
19630010936	VENUS-MARS CAPSULE STUDY, VOLUME I /REVISED/	1963
19630011008	PRELIMINARY INVESTIGATION OF PARTICLE-SUBSTRATE BONDING OF PLASMA-SPRAYED MATERIALS	1963
19630011009	TABLE OF SUB 2 F SUB 1 A,B,C,Z FOR A EQUAL 0 1 2 7, B EQUAL 0 1 2 7, AND C EQUAL 0 1 2 5 2 WITH COMMENTS ON CLOSED FORMS OF SUB 2 F SUB 1 A,B,C,Z	1963
19630011010	A SIMULATOR STUDY OF AIRSPACE REQUIREMENTS FOR THE SUPERSONIC TRANSPORT	1963
19630011011	AN ANALYSIS OF A VORTEX TYPE MAGNETOHYDRODYNAMIC INDUCTION GENERATOR	1963

Accession Number (DocID)	Title	Publication Year
19630011012	STUDY OF SENSORY DEPRIVATION, PAIN AND PERSONALITY RELATIONSHIPS FOR SPACE TRAVEL	1963
19630011051	BIRTH OF THE ELEMENTS	1963
19630011054	THE EARLY EVOLUTION OF THE SUN	1963
19630011080	FORCED CONVECTION IN A CHANNEL WITH WALL HEAT CAPACITY AND WITH WALL HEATING VARIABLE WITH AXIAL POSITION AND TIME	1963
19630011082	LUNAR ROUGH LANDING CAPSULE DEVELOPMENT PROGRAM	1963
19630011125	SOLAR CELLS AND THE APPLICATIONS ENGINEER	1963
19630011164	STUDIES OF LUNAR SOIL MECHANICS	1963
19630011165	POSTBUCKLING BEHAVIOR OF A CIRCULAR CYLINDRICAL SHELL THAT BUCKLES LOCALLY UNDER AXIAL COMPRESSION	1963
19630011166	A LOG PERIODIC MONOPOLE ANTENNA IN A DIELECTRIC FILLED CAVITY	1963
19630011169	SPACE ENVIRONMENT EFFECTS ON POLYMERIC MATERIALS	1963
19630011173	DESIGN, FABRICATION AND INSTALLATION OF A 16-FOOT PARABOLIC REFLECTOR ANTENNA	1963
19630011180	AN UNSTEADY PROBLEM IN MAGNETOHYDRODYNAMICS	1963
19630011186	Investigation Of Combined Effects Of Radiation And Vacuum And Of Radiation And Cryo-Temperatures On Engineering Materials. Volume I- Radiation-Vacuum Tests	1963
19630011190	MEASURED EFFECTS OF THE VARIOUS COMBINATIONS OF NUCLEAR RADIATION, VACUUM, AND CRYOTEMPERATURES ON ENGINEERING MATERIALS	1963
19630011191	HYDRAZINE MONONITRATE IN HYDRAZINE, SUPPLEMENTAL PHYSICAL DATA	1963
19630011193	Applied Fluid Dynamics (Prikladnaya Gidrogazodinamika)	1963
19630011194	THRUST CHAMBER COOLING TECHNIQUES FOR SPACECRAFT ENGINES, VOLUME II	1963
19630011195	AN ANALYTICAL SOLUTION FOR DENSITY DISTRIBUTION IN A PLANETARY EXOSPHERE	1963
19630011219	THE STRUCTURE OF STARS OF VERY LOW MASS	1963
19630011220	EARTH ALBEDO INPUT TO FLAT PLATES	1963
19630011226	SPACE FLIGHT HANDBOOKS. VOLUME 2- LUNAR FLIGHT HANDBOOK. PART 3 - MISSION PLANNING	1963
19630011229	EXPOSURE OF MICROORGANISMS TO SIMULATED EXTRATERRESTRIAL SPACE ECOLOGY	1963
19630011230	A Survey of Progress and Problems in the 'Kaplan' Experiment	1963
19630011231	INVESTIGATION OF SPUTTERING EFFECTS ON THE MOON'S SURFACE	1963
19630011240	JPL-25-FOOT SPACE SIMULATOR SOLAR PERFORMANCE AND MARINER TEST RESULTS COMPARED TO FLIGHT DATA	1963
19630011241	Planetary Telescopes	1963
19630011243	FORTRAN SOURCE PROGRAM FOR REDUCTION OF GAS-LIQUID CHROMATOGRAPHY RETENTION DATA	1963
19630011244	ADVANCED INDUCER STUDY	1963
19630011251	Manned Spacecraft	1963
19630011271	SYSTEMS ENGINEERING	1963
19630011370	SATELLITE SITUATION REPORT, VOL. 3, NO. 14	1963
19630011371	IMP PROGRAMMER	1963
19630011372	STATIC POWER CONVERSION FOR SPACECRAFT AS SPACECRAFT INCREASE IN COMPLEXITY, POWER CONDITIONING BECOMES AN INCREASINGLY IMPORTANT, SOPHISTICATED ASPECT OF SYSTEMS DESIGN	1963
19630011374	SOLAR RADIO EMISSION. SPECTRAL OBSERVATIONS IN THE DECAMETER RANGE, 24 JULY 1959 - 28 FEBRUARY 1961	1963
19630011431	CONSTITUTION OF THE ATMOSPHERE AT MAGNETOSPHERIC LEVELS	1963
19630011432	DEVELOPMENT OF LOW TEMPERATURE DIELECTRIC COATINGS FOR ELECTRICAL CONDUCTORS	1963
19630011437	CHARACTERISTICS RELATIONS OF COMPRESSIBLE FLOW WITH THREE INDEPENDENT VARIABLES	1963
19630011445	LITHIUM-BOILING POTASSIUM REFRACTOR METAL LOOP FACILITY	1963
19630011447	FLUID IMPACT CRATERS AND HYPERVELOCITY - HIGH-VELOCITY IMPACT EXPERIMENTS IN METALS AND ROCKS	1963
19630011448	Moon-to-earth trajectories	1963
19630011450	Predictions of the structure of radiation- resisted shock waves	1963
19630011452	INVESTIGATION OF COMBINED EFFECTS OF RADIATION AND VACUUM AND CRYO-TEMPERATURES ON ENGINEERING MATERIALS. VOLUME II- RADIATION-CRYOTEMPERATURE TESTS	1963
19630011460	Dynamic Behaviour of Liquid in Moving Container	1963
19630011467	DISCUSSION OF OUR EARLIER HYDROMAGNETIC INTERPRETATION OF SUDDEN COMMENCEMENTS OF MAGNETIC STORMS	1963
19630011470	SPACE PROGRAMS SUMMARY NO. 37-22, VOLUME III, FOR THE PERIOD MAY 1, 1963 TO JUNE 30, 1963	1963
19630011471	RESEARCH AND DEVELOPMENT OF HIGH TEMPERATURE RESISTANT POLYMERIC FILM FORMING MATERIALS	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630011474	OBSERVATIONS ON THE SOLAR PARTICLE EVENTS OF JULY 1961	1963
19630011478	NUMERICAL TECHNIQUES FOR THE SOLUTION OF THE COMPLETE BHATNAGAR - GROSS-KROOK KINETIC EQUATION FOR PLANE SHOCK WAVES	1963
19630011479	Scattering of a Spherical Wave by an Arbitrary Truncated Surface of Revolution	1963
19630011481	THE DEVELOPMENT OF THE SURVEYOR GAS CHROMATOGRAPH	1963
19630011483	EVALUATION OF THE COMPATIBILITY OF POLYVINYLIDENE FLUORIDE KYNAR WITH STORABLE LIQUID PROPELLANTS NITROGEN TETROXIDE AND HYDRAZINE	1963
19630011487	A STUDY OF THE HALL EFFECT AND MAGNETORESISTANCE FOR LOW VOLTAGE, HIGH CURRENT, DC TO AC CONVERSION	1963
19630011553	THE METEOR POPULATION RESEARCH	1963
19630011603	HYDROMAGNETIC WAVES GENERATED BY THE JULY 9, 1962 NUCLEAR WEAPONS TEST AS OBSERVED AT COLLEGE, ALASKA	1963
19630011608	Mariner - Mission to Venus	1963
19630011764	Auxin Transport in Leaf Epinasty	1963
19630011766	THE VELOCITY OF FAINT METEORS RESEARCH	1963
19630011767	EARTH-VENUS TRAJECTORIES, 1965-66, VOLUME 2, PART C	1963
19630011842	CHLORINE TRIFLUORIDE-HYDRAZINE LIQUID PROPELLANT EVALUATION AND ROCKET MOTOR DEVELOPMENT	1963
19630011843	AN ANALYSIS OF THE ATMOSPHERE DRAG OF THE EXPLORER IX SATELLITE FROM PRECISELY REDUCED PHOTOGRAPHIC OBSERVATIONS	1963
19630011844	ADAPTIVE CONTROL SYSTEMS WITH NONLINEAR COMPENSATION	1963
19630011854	EFFECT OF NUCLEAR RADIATION ON MATERIALS AT CRYOGENIC TEMPERATURES	1963
19630011856	NEXUS - CONCEPT OF A LARGE REUSABLE LAUNCH VEHICLE	1963
19630011965	A STUDY OF SELECT CERAMIC OXIDE COMPOSITIONS AS HIGH TEMPERATURE 1600-2100 DEG K THERMAL ENERGY STORAGE MATERIALS	1963
19630011975	SENSITIVE IONIZATION CROSS-SECTION DETECTOR FOR GAS CHROMATOGRAPHY	1963
19630012007	ASYMMETRIC "PENSHAPE" NOZZLES IN JET-CANARD CONFIGURATIONS FOR ATTITUDE CONTROL	1963
19630012008	SINUSOIDAL VIBRATION TESTING OF NONLINEAR SPACECRAFT STRUCTURES	1963
19630012017	RESEARCH STUDY ON THE ACCELERATION HODOGRAPH AND ITS APPLICATION TO SPACE TRAJECTORY ANALYSIS	1963
19630012019	RESULTS OF REPACKAGING THE CROSLY-AVCO MODEL 183114 COMMAND RECEIVER	1963
19630012022	SPACE PROGRAMS SUMMARY NO. 37-21, VOLUME VI FOR THE PERIOD MARCH 1, 1963 TO MAY 31, 1963	1963
19630012024	AN ULTRA HIGH-SPEED LOW-COST PRINTER SYSTEM	1963
19630012030	SATURN SOUND FOCUSING PREDICTION AT LOC	1963
19630012034	COMPUTATION OF PLUG NOZZLE CONTOURS BY THE RAO OPTIMUM THRUST METHOD	1963
19630012047	Historical Origins of the National Aeronautics and Space Administration	1963
19630012069	A BRIEF COMPARISON OF RING AND ASYMMETRICAL BAFFLE CHARACTERISTICS	1963
19630012070	AN ANALYSIS OF BREAKING ATMOSPHERIC WAVES	1963
19630012077	RELIABILITY AND FLIGHT SAFETY	1963
19630012091	Astronaut's Summary Flight Report	1963
19630012094	DYNAMIC RESPONSE TESTING OF TRANSIENT PRESSURE TRANSDUCERS FOR LIQUID PROPELLANT ROCKET COMBUSTION CHAMBERS	1963
19630012095	PROBE FOR ROCKET MEASUREMENTS IN THE IONOSPHERE	1963
19630012097	OBSERVATIONS OF INTENSE, LOW ENERGY ELECTRON FLUXES IN THE OUTER ZONE DURING JANUARY AND MARCH, 1963	1963
19630012101	Satellite Situation Report	1963
19630012105	Space Programs Summary No. 37-21, Volume IV for the Period April 1, 1963 to May 31, 1963	1963
19630012106	A TECHNIQUE FOR OPTIMUM FINAL VALUE CONTROL OF POWERED FLIGHT TRAJECTORIES	1963
19630012107	SATELLITE ORBITAL DATA RESEARCH IN SPACE SCIENCE	1963
19630012108	SPACE PROGRAMS SUMMARY NO. 37-22, VOLUME VI FOR THE PERIOD MAY 1, 1963 TO JULY 31, 1963	1963
19630012118	RESONANCES AND WAVES IN ONE- AND TWO-ION SPECIES PLASMAS SUBJECTED TO INTENSE MAGNETIC FIELDS	1963
19630012119	RESEARCH IN ELECTROHYDRODYNAMICS AND WAVE-TYPE MAGNETOHYDRODYNAMIC A-C POWER GENERATION	1963
19630012129	SATELLITE SITUATION REPORT, VOLUME 3, NO. 12	1963
19630012136	ELECTRON DENSITY IN THE IONOSPHERE	1963
19630012137	"ISOTROPIC" COVERAGE ON SATELLITES OF LARGE DIAMETER AS COMPARED WITH WAVELENGTH	1963
19630012149	TACTUAL DISPLAYS FOR VEHICLE CONTROL	1963
19630012153	America in Space. The First Five Years - A Pictorial Review	1963
19630012154	Saturn 5 Checkout Facilities at Merritt Island Launch Area	1963
19630012167	TRANSIENT PRESSURE MEASURING METHODS RESEARCH	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630012175	MECHANICAL PROPERTIES OF FIBROUS COMPOSITES	1963
19630012237	AERODYNAMIC AND CONTROL-SYSTEM CONTRIBUTIONS TO THE X-15 AIRPLANE LANDING-GEAR LOADS	1963
19630012259	FORTRAN PROGRAMS FOR PLUG NOZZLE DESIGN	1963
19630012260	TEMPERATURE DEFICIENCY OF A HEAT TRANSFER CALORIMETER	1963
19630012277	THE INFLUENCE OF SHAPE ON AERODYNAMIC DAMPING OF OSCILLATORY MOTION DURING MARS ATMOSPHERE ENTRY AND MEASUREMENT OF PITCH DAMPING AT LARGE OSCILLATION AMPLITUDES	1963
19630012279	Pyrolytic Refractory Thrust Chamber Development	1963
19630012285	MARINER SPACECRAFT PACKAGING	1963
19630012286	MARINER 2 SOLAR PANEL DESIGN AND FLIGHT PERFORMANCE	1963
19630012291	TEST OF THE NAA X-15 MODEL IN THE JPL 21-INCH HYPERSONIC WIND TUNNEL	1963
19630012293	LUNAR ESCAPE	1963
19630012366	MULTIPLE CORES USED TO SIMULATE A VARIABLE VOLT-SECOND SATURABLE TRANSFORMER FOR APPLICATION IN SELF-OSCILLATING INVERTERS	1963
19630012367	VAPOR-FILLED THERMIONIC CONVERTERS	1963
19630012384	AEROELASTICITY SYMPOSIUM	1963
19630012387	RATIONAL USE FOR FLUTTER CALCULATION OF VALUES FOUND BY STATIC-VIBRATION TEST	1963
19630012421	Proceedings of Nuclear Propulsion Conference - Naval Postgraduate School, August 15-17, 1962	1963
19630012473	CHARGED PARTICLE RADIATION DAMAGE IN SEMICONDUCTORS, VIII THE ELECTRON ENERGY DEPENDENCE OF RADIATION DAMAGE IN PHOTOVOLTAIC DEVICES	1963
19630012630	SURFACE CHARACTERISTICS OF A PERTURBED SPHERE FROM RADAR RETURN SIGNAL	1963
19630012683	Recovery of the SI-C Stage of the Saturn V - A Preliminary Feasibility Study	1963
19630012697	SUNFLOWER CONVERSION SYSTEM	1963
19630012699	A STUDY OF POLYMERS CONTAINING SILICON-NITROGEN BONDS	1963
19630012700	A STUDY OF POLYMERS CONTAINING SILICON-NITROGEN BONDS	1963
19630012701	Space Programs Summary No. 37-22, Volume IV, for the Period June 1, 1963 to July 31, 1963	1963
19630012702	ASTRONAUTICS INFORMATION. STRUCTURAL MODELING	1963
19630012704	DEVELOPMENT AND TESTING OF ELECTROLYTE MATRIX COMBINATIONS FOR MERCURY-POTASSIUM FUEL CELL	1963
19630012705	IMPROVEMENT OF NICKEL-CADMIUM BATTERIES	1963
19630012706	SOLAR ELECTRIC PROPELLED SPACECRAFT. CAPABILITIES STUDY	1963
19630012718	Combustion Tests of Oxygen-Hydrogen-Helium Mixtures at Loading Pressures up to 8,000 Pounds Per Square Inch	1963
19630012720	DYNAMIC RESPONSE OF HAMMERHEAD LAUNCH VEHICLES TO TRANSONIC BUFFETING	1963
19630012721	MAGNETIC FIELD OF A FINITE HELICAL SOLENOID	1963
19630012726	FORMATION OF ADENINE BY ELECTRON IRRADIATION OF METHANE, AMMONIA, AND WATER	1963
19630012805	BIBLIOGRAPHY OF RESEARCH	1963
19630012822	BIBLIOGRAPHY OF RESEARCH	1963
19630012825	DERIVATION AND TABULATION OF MOLECULAR INTEGRALS. SUPPLEMENT III A - TABLES FOR TWO-CENTER TWO-ELECTRON HYBRID INTEGRALS	1963
19630012826	DERIVATION AND TABULATION OF MOLECULAR INTEGRALS. SUPPLEMENT III B - TABLES FOR TWO-CENTER TWO-ELECTRON HYBRID INTEGRALS	1963
19630012827	DERIVATION AND TABULATION OF MOLECULAR INTEGRALS. SUPPLEMENT III C - TABLES FOR TWO-CENTER TWO-ELECTRON HYBRID INTEGRALS	1963
19630012828	A STUDY OF SOME TRANSITION MATRIX ASSUMPTIONS IN CIRCUMLUNAR NAVIGATION THEORY	1963
19630012829	GALVANOMAGNETIC EFFECTS IN POLYCRYSTALLINE MANY VALLEY SEMICONDUCTORS	1963
19630012830	MODELS FOR STARS OF VERY LOW MASS	1963
19630012831	SHOCK AND VIBRATION DATA OF THE ECHO A-12 APPLICATION VERTICAL TESTS AVT-1 AND AVT-2	1963
19630012832	SPECTROMETRIC MEASUREMENTS OF GAS TEMPERATURES IN ARC-HEATED JETS AND TUNNELS	1963
19630012833	MINIMUM-OIL-FLOW REQUIREMENTS OF HIGH-SPEED BALL BEARINGS AT TEMPERATURES TO 800 DEG F	1963
19630012836	ALTERATIONS OF RAT TISSUE CYTOCHROME C LEVELS BY A CHRONIC COLD EXPOSURE	1963
19630012926	Explorer VI and Pioneer V Data. Volume II - A Compendium of Explorer VI Data	1963
19630012981	A METHOD FOR ANALYZING NONLINEAR CLOSED-LOOP CONTROL SYSTEMS WITH STATIONARY STOCHASTIC INPUTS	1963
19630012984	Engine Operating Problems in Space. Vol. I - the Experimental Program	1963
19630012985	ENGINE OPERATING PROBLEMS IN SPACE. VOL. II - THE SPACE ENVIRONMENT	1963
19630012995	NONLINEAR LANDAU DAMPING OF OSCILLATIONS IN A BOUNDED PLASMA	1963
19630012997	DUAL-CAVITY MASER USED IN MARS RADAR EXPERIMENT	1963
19630012998	EVALUATION OF THE INTEGRAL FROM ZERO TO INFINITY OF V SUPER N EXP	1963

Accession Number (DocID)	Title	Publication Year
19630012999	ANALYSIS OF THE RELATIVE LIQUID LEVELS IN TWO INTERCONNECTED TANKS WITH DIFFERENT FLOW RATES. PART I - DEVELOPMENT OF EQUATIONS FOR APPLICATION TO SPACE FLIGHT AND NON-FLIGHT CONDITIONS	1963
19630013000	THE PHYSICS OF BALLOONS AND THEIR FEASIBILITY AS EXPLORATION VEHICLES ON MARS	1963
19630013001	Control, Stability and Nonlinear Oscillations	1963
19630013002	DETERMINATION OF THE EMISSIVITY OF MATERIALS	1963
19630013003	Operation Analysis of Integration, Checkout and Launch of Space Vehicle. Delta Vehicle General Evaluation Approach, Volume 1	1963
19630013010	CHARGED PARTICLE RADIATION DAMAGE IN SEMICONDUCTORS, III THE ENERGY DEPENDENCE OF PROTON DAMAGE IN SILICON REVISION	1963
19630013011	CHARGED PARTICLE RADIATION DAMAGE IN SEMICONDUCTORS, IV HIGH ENERGY PROTON RADIATION DAMAGE IN SOLAR CELLS	1963
19630013012	CHARGED PARTICLE RADIATION DAMAGE IN SEMICONDUCTORS, V EFFECT OF 1 MEV ELECTRON BOMBARDMENT ON SOLAR CELLS	1963
19630013013	CHARGED PARTICLE RADIATION DAMAGE IN SEMICONDUCTORS, VI THE ELECTRON ENERGY DEPENDENCE OF RADIATION DAMAGE IN SILICON SOLAR CELLS	1963
19630013014	BIOCHEMICAL FUEL CELLS	1963
19630013015	ERROR PROBABILITIES FOR RICIAN FADING MULTICHANNEL RECEPTION OF BINARY AND N-ARY SIGNALS	1963
19630013016	CONCEPT DEVELOPMENT OF SATURN SERVICE STRUCTURE NO. II, PART ONE	1963
19630013017	AN ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF THE NATURAL FREQUENCIES OF UNIFORM RECTANGULAR-CROSS-SECTION FREE-FREE SANDWICH BEAMS	1963
19630013049	THE MAIN PHASE OF MAGNETIC STORMS AND THE RING CURRENT	1963
19630013050	NOTE ON THE THEORETICAL LIMIT OF THE THERMOELECTRIC FIGURE OF MERIT	1963
19630013051	OUR GAMBLE IN SPACE- WHY LAND ON THE MOON QUES	1963
19630013064	WING PRESSURE MEASUREMENTS WITHIN THE PROPELLER SLIPSTREAM FOR A LARGE-SCALE V STOL WIND-TUNNEL MODEL SIMULATING TRANSITION	1963
19630013065	STATIC LONGITUDINAL AERODYNAMIC CHARACTERISTICS AND SURFACE PRESSURE DISTRIBUTIONS FOR A 1/15-SCALE MODEL OF A MODIFIED FOUR-STAGE SCOUT VEHICLE	1963
19630013066	WATER-FILM COOLING OF AN 80 DEG TOTAL-ANGLE CONE AT A MACH NUMBER OF 2 FOR AIRSTREAM TOTAL TEMPERATURES UP TO 3,000 DEG R	1963
19630013067	WIND-TUNNEL INVESTIGATION AT HIGH SUBSONIC SPEED OF THE STATIC LONGITUDINAL STABILITY CHARACTERISTICS OF A WINGED REENTRY VEHICLE HAVING A LARGE NEGATIVELY DEFLECTED FLAP-TYPE CONTROL SURFACE	1963
19630013070	STELLAR SPECTROPHOTOMETRY FROM ABOVE THE ATMOSPHERE	1963
19630013073	HIGH-ENERGY ELECTRONS IN THE RADIATION BELT	1963
19630013126	DEVELOPMENT OF REFRACTORY FABRICS	1963
19630013128	KRAMERS' AND LINE RADIATION FROM NITROGEN AND AIR SHOCKS	1963
19630013129	THE EFFECT OF FREE STREAM TURBULENCE AND VORTICITY ON THE RADIATIVE SOUND FIELD OF A FREE JET	1963
19630013131	DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR HYDROCARBONS IN MINERAL AGGREGATES	1963
19630013132	WIND TUNNEL FACILITIES AT THE JET PROPULSION LABORATORY	1963
19630013133	Satellite Situation Report Vol. 3, No. 19	1963
19630013135	GENERALIZED RECURRENCE IN DYNAMICAL SYSTEMS	1963
19630013136	Satellite Situation Report, volume 3, no. 17	1963
19630013141	THEORY OF ORBIT DETERMINATION - PART I CLASSICAL METHODS	1963
19630013146	Launch Operations Center Progress Report	1963
19630013149	Earth-venus Trajectories, 1965-66, Vol. 2, Pt. B	1963
19630013150	CLOSED FORM SOLUTION TO CONTROL EQUATIONS	1963
19630013151	A DUAL RATE GYRO APPROACH TO THE ELASTIC FEEDBACK PROBLEM	1963
19630013152	1962 PUBLICATIONS BY ENGINEERING MATERIALS BRANCH <A COMPILATION OF ABSTRACTS<	1963
19630013153	WIND TUNNEL INVESTIGATION OF TURBULENT BOUNDARY LAYER NOISE AS RELATED TO DESIGN CRITERIA FOR HIGH PERFORMANCE VEHICLES	1963
19630013154	The Environmental Test Program and Systems Evaluation of the S-3 Energetic Particles Satellite	1963
19630013156	NEGATIVE CORRELATION BETWEEN POLAR CAP VISUAL AURORA AND MAGNETIC ACTIVITY	1963
19630013157	IMPROVEMENT OF NICKEL-CADMIUM BATTERIES	1963
19630013160	APPARATUS FOR DETERMINING LOW TEMPERATURE THERMAL CONDUCTIVITY	1963
19630013161	CHEMICAL SYNTHESIS REQUIRING CRYOGENIC TEMPERATURES AS PREPARATIVE TECHNIQUES FOR HIGHLY ENDOTHERMIC CHEMICAL SPECIES	1963
19630013163	CORRELATION PROPERTIES OF CYCLIC SEQUENCES	1963
19630013164	CONCEPTUAL STUDY OF EQUIPMENT AND HARDWARE TO PROVIDE RANDOM MOTION OF VEHICLE SIMULATORS	1963
19630013166	A STUDY OF THRUST VECTOR CONTROL BY LIQUID INJECTION INTO ROCKET NOZZLES	1963
19630013170	LOW-DENSITY SPHERE DRAG WITH EQUILIBRIUM AND NONEQUILIBRIUM WALL TEMPERATURE	1963
19630013190	Relation of Emittance to Other Optical Properties	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630013194	AUTHORIZING APPROPRIATIONS TO THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION REPORT OF THE COMMITTEE ON SCIENCE AND ASTRONAUTICS, U.S. HOUSE OF REPRESENTATIVES	1963
19630013284	ORIGIN OF TEKTITES	1963
19630013326	Gemini Program and Mission	1963
19630013347	Mission Control for Manned Space Flight	1963
19630013348	Gemini Launch Escape	1963
19630013357	The X-15 Program	1963
19630013472	TWO-CENTER INTEGRALS OVER SOLID SPHERICAL HARMONICS	1963
19630013482	DYNAMIC RESPONSE OF RISING AND FALLING BALLOON WIND SENSORS WITH APPLICATION TO ESTIMATES OF WIND LOADS ON LAUNCH VEHICLES	1963
19630013483	EXPERIMENTAL AND CALCULATED RESULTS OF A FLUTTER INVESTIGATION OF SOME VERY LOW ASPECT-RATIO FLAT-PLATE SURFACES AT MACH NUMBERS FROM 0.62 TO 3.00	1963
19630013621	STABLE WHITE COATINGS	1963
19630013633	THE PLASMA TEST PARTICLE PROBLEM	1963
19630013650	INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY	1963
19630013675	Preliminary Analysis of the Effect of a Dynamic Thrust Load on the Structural Integrity of the Little Joe Thrust Bulkhead	1963
19630013678	AN OPTICAL METHOD FOR OBSERVING BREAKUP AND VAPORIZATION OF LIQUID JETS	1963
19630013719	Detecting Extraterrestrial Life	1963
19630013721	DESIGN AND USE OF AN EARLY COMMUNICATION SATELLITE SYSTEM	1963
19630013736	THE GENERAL AND COMPARATIVE BIOLOGY OF TERRESTRIAL ORGANISMS UNDER EXPERIMENTAL STRESS CONDITIONS	1963
19630013739	PHOTOLYSIS OF NITROGEN DIOXIDE AT 3660 AND 4047 ANGSTROM UNITS AT 25 DEG C	1963
19630013769	DYNAMIC ANALYSIS OF A ONE DIMENSIONAL POROUS ELECTRODE MODEL	1963
19630013770	THE DIRECT METHOD OF LIAPUNOV APPLIED TO THE DESIGN OF CONTROLLERS FOR A CLASS OF NONLINEAR AND TIME VARYING PROCESSES	1963
19630013771	AN INTRODUCTION TO MULTIPLE ACCESS SATELLITE COMMUNICATION REPORT NO. 5	1963
19630013776	AXIALLY SYMMETRIC AND ANNULAR SUPERSONIC NOZZLE PROFILES	1963
19630013792	HYDRAULIC LINE DYNAMICS	1963
19630013869	Hydrogen-Oxygen for Rocket Propulsion	1963
19630013916	Development of Adhesives for Very Low Temperature Application	1963
19630013917	DEVELOPMENT OF ADHESIVES FOR VERY LOW TEMPERATURE APPLICATION	1963
19630013918	DEVELOPMENT OF ADHESIVES FOR VERY LOW TEMPERATURE APPLICATION	1963
19630013919	COST ESTIMATING FOR RESEARCH, DEVELOPMENT, AND INFORMATION PROCESSING PROGRAMS- AN ANNOTATED BIBLIOGRAPHY	1963
19630013927	MEASURED EFFECTS OF THE VARIOUS COMBINATIONS OF NUCLEAR RADIATION, VACUUM, AND CRYOTEMPERATURES ON ENGINEERING MATERIALS	1963
19630013928	LEAK DETECTION TECHNIQUE IMPROVEMENT STUDY FOR SPACE VEHICLES FORMAL REPORT NO. 2 <FOR PERIOD ENDING MAY 31, 1963<	1963
19630013935	OPTIMUM NONLINEAR CONTROL OF A SYSTEM WITH TWO INPUTS AND ONE OUTPUT	1963
19630013936	ON FINDING QUADRATIC FACTORS OF POLYNOMIALS	1963
19630013937	PRELIMINARY STUDY OF MODULATION SYSTEMS FOR SATELLITE COMMUNICATION	1963
19630016483	DISPERSION RELATIONS IN RAREFIED GAS DYNAMICS	1963
19630020283	ELECTRON PROBE MICROANALYSIS OF ORGANIZED ELEMENTS IN THE ORGUEIL METEORITE	1963
19630021594	Guidance of a Space Vehicle to a Desired Point on the Earth's Surface	1963
19630023209	Positron Annihilation in Condensed Gases	1963
19630027813	Mission Analysis of Fast Manned Flights to Venus and Mars	1963
19630028390	FLOW OF A VISCOUS FLUID IN AN OPEN POROUS CHANNEL	1963
19630028844	FINE STRUCTURE EFFECTS IN THE FISSION OF U SUPER 235	1963
19630029545	Two-Dimensional Pulsating Laminar Flow in a Duct with a Constant Wall Temperature	1963
19630030577	A 10 KC/SEC POUND-TYPE KLYSTRON STABILIZER TECHNICAL REPORT	1963
19630030595	LABORATORY STATUS AND PROGRESS REPORT, DECEMBER 1962 JAN. 10, 1963	1963
19630030683	FREQUENCY AND TIME CALIBRATION SERVICES AT THE BOULDER LABORATORIES OF THE NATIONAL BUREAU OF STANDARDS	1963
19630030688	ALTERATIONS IN TONIC CONTRACTIONS OF THE ABDOMINAL MUSCLES ELICITED BY DISTENSION OF THE LEFT SIDE OF THE BYPASSED HEART	1963
19630030737	MANUFACTURING METHODS FOR CONTINUOUS PROCESSING OF SOLID ROCKET PROPELLANTS. INTERIM ENGINEERING PROGRESS REPORT, 5 OCTOBER 1962 THROUGH 4 JANUARY 1963	1963
19630030742	GRAIN DESIGN FOR HYBRID MOTORS: SPECIAL REPORT	1963
19630030743	HYBRID PROPULSION RESEARCH PROGRAM	1963
19630030747	TECHNIQUES FOR INVESTIGATION OF FRICTION AND WEAR IN AEROSPACE BEARINGS PROGRESS REPORT NO. 3 <OCT. 1, 1962-JAN. 1, 1963<	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630030788	INVESTIGATION OF HEAT TRANSFER AND PRESSURE DISTRIBUTIONS IN REGIONS OF SURFACE DISTORTION ON A FLAT PLATE	1963
19630030789	[No Title]	1963
19630030833	RESEARCH ON SELECTIVE FLUORINATION TECHNIQUES	1963
19630030839	SYNTHESIS OF HIGH ENERGY SOLID OXIDIZER BINDER PROPELLANTS	1963
19630030864	SYNTHESIS OF HIGH ENERGY OXIDIZERS	1963
19630030881	HIGH TEMPERATURE COMPOSITE STRUCTURES INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, OCTOBER 1, 1962 - DECEMBER 31, 1962	1963
19630030884	FEASIBILITY DEMONSTRATION OF A FLIGHT WEIGHT SOLID PROPELLANT ATTITUDE CONTROL PULSE ROCKET SYSTEM	1963
19630030885	[No Title]	1963
19630030887	DESIGN AND DEVELOPMENT OF AN ADVANCED-PROPELLANT UPPER-STAGE MOTOR /XM-86/	1963
19630030888	DIRECT BLEED SECONDARY INJECTION THRUST VECTOR CONTROL SYSTEM FOR LARGE SOLID PROPELLANT BOOSTERS	1963
19630030893	HIGH PRESSURE ROCKET ENGINE FEASIBILITY PROGRAM	1963
19630030895	DIURNAL TEMPERATURE CHANGES IN A CHIMPANZEE DURING A 14-DAY RESTRAINT TEST	1963
19630030903	[No Title]	1963
19630030913	SOLID OXIDIZER BINDER PROPELLANTS	1963
19630030953	ALTITUDE TESTING OF HERCULES POWDER COMPANY BE-3 ROCKET MOTORS /PHASE III - SURVEILLANCE ROUND FIRINGS	1963
19630030959	FEASIBILITY STUDY OF WEATHER RADAR SATELLITES QUARTERLY STATUS REPORT 3, 16 OCTOBER 1962 TO 15 JANUARY 1963	1963
19630030964	OAK RIDGE NATIONAL LABORATORY STATUS AND PROGRESS REPORT, JANUARY 1963	1963
19630030971	SUBMARINE TELEPHONE CABLES AND INTERNATIONAL TELECOMMUNICATIONS	1963
19630030972	FOREIGN PARTICIPATION IN COMMUNICATIONS SATELLITE SYSTEMS IMPLICATIONS OF THE COMMUNICATIONS SATELLITE ACT OF 1962	1963
19630030973	COMMUNICATIONS SATELLITES- TECHNOLOGY, ECONOMICS, AND SYSTEM CHOICES	1963
19630030985	BIBLIOGRAPHY OF REPORTS ON THE HAZARDS OF STATIC ELECTRICITY IN RELATION TO FUEL HANDLING	1963
19630030986	STUDIES OF DESIGN CRITERIA FOR WELDED STRUCTURES SUBJECTED TO A BIAXIAL STRESS FIELD. FINAL TECHNICAL DOCUMENTARY REPORT <JULY 1960-NOVEMBER 1962<	1963
19630030988	FRACTURE TOUGHNESS STUDY OF TI-6Al-6V-2SN. TITANIUM ALLOY SHEET 0.1 INCH THICK FOR POSSIBLE APPLICATION IN THE CONSTRUCTION OF WELDED SOLID-PROPELLANT ROCKET MOTOR CASES	1963
19630030994	ALTITUDE QUALIFICATION PERFORMANCE EVALUATION OF THE ARC .4KS38.7 SKYBOLT SPIN ROCKET MOTOR	1963
19630030999	TABLES OF MIE SCATTERING CROSS SECTIONS AND AMPLITUDES	1963
19630031003	ALTITUDE PERFORMANCE EVALUATION OF THE XLR91-AJ-5 ENGINE USING A 49.2-1 EXPANSION RATION THRUST CHAMBER ASSEMBLY	1963
19630031025	PERSHING ARMING BOUNDARIES	1963
19630031026	DEVELOPMENT OF IMPROVED PROCESSES FOR FILAMENT-WOUND REINFORCED PLASTIC STRUCTURES FIRST INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, OCTOBER 1, 1962 - JANUARY 31, 1963	1963
19630031037	RESONANCE BEHAVIOR OF SOLID PROPELLANTS	1963
19630031045	ALTITUDE TESTING OF THE JPL SOLID-PROPELLANT APOGEE ROCKET MOTOR FOR THE SYNCOM SPACECRAFT <PRELIMINARY TEST PHASE<	1963
19630031050	THE DISSOCIATIVE RELAXATION OF CO SUB 2 BEHIND NORMAL SHOCK WAVES	1963
19630031071	THE ANGULAR DISTRIBUTION OF EMITTED AND REFLECTED RADIANT ENERGY FROM DIFFUSE GRAY ASYMMETRIC GROOVES	1963
19630031076	PROGRESS REPORT TO THE NATIONAL AERONAUTICAL AND SPACE ADMINISTRATION <PLASMA PHYSICS, LIFE SUPPORT SYSTEMS, DIFFERENTIAL EQUATIONS, AND LUNAR GEOLOGY<	1963
19630031102	HIGH PHOTOVOLTAGES IN SILICON AND SILICON CARBIDE FILMS, AND THEIR ORIGIN FROM A TRAP-INDUCED DEMBER EFFECT	1963
19630031106	DEVELOPMENT OF SOLID PROPELLANT CONTAINING A HIGH ENERGY OXIDIZER	1963
19630031112	A SURVEY OF AEROTHERMOELASTICITY	1963
19630031126	RESEARCH IN PROPELLANT CHEMISTRY ARPA- SOLID PROPELLANT PROGRAM	1963
19630031131	HEATING EFFECTS ON THE SFV-01 AFT EQUIPMENT RACK DURING A SIMULATED SPACE MISSION	1963
19630031135	[No Title]	1963
19630031138	SOLID ROCKET PROPELLANT RESEARCH AND DEVELOPMENT	1963
19630031150	STATE OF THE ART OF ROLLING. PROGRESS REPORT BY THE PANEL ON ROLLING OF THE COMMITTEE ON THE DEVELOPMENT OF MANUFACTURING PROCESSES FOR AIRCRAFT MATERIALS	1963
19630031152	Altitude Tests of Two Surveyor Main Retro-Rockets	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031153	ALTITUDE PERFORMANCE INVESTIGATION OF AN AEROJET CONTOURED ROCKET EXHAUST NOZZLE	1963
19630031155	INVESTIGATION OF DRAG REDUCTION BY BOUNDARY-LAYER SUCTION ON A 36-DEG SWEEP WING AT M SUB INFINITY EQUALS 2.5 TO 4	1963
19630031158	EUROPEAN SPACE RESEARCH	1963
19630031164	PAPER ELECTROPHORESIS OF SERUM PROTEINS OF IMMATURE CHIMPANZEES INTERIM REPORT	1963
19630031165	THE REFRACTIVE ERROR AND INTRAOCULAR PRESSURE OF IMMATURE CHIMPAN- ZEEES INTERIM REPORT	1963
19630031187	MICROMETEOROID PARAGLIDER PAYLOADS - CONCEPTION, DESIGN, AND MANUFACTURE	1963
19630031204	THE THERMODYNAMIC FUNCTIONS OF PARAHYDROGEN FROM THE TRIPLE POINT TO 100 DEG K AT PRESSURES UP TO 340 ATM	1963
19630031213	BUMED SUBTASK MR005.13-1006.6 OBJECTIVE MEASUREMENTS OF THE FATIGUING EFFECTS OF WEARING A FULL PRESSURE SUIT. BEHAVIORAL AND PHYSIOLOGICAL RESPONSES TO VARYING PERIODS OF SENSORY DEPRIVATION	1963
19630031231	TRANSIENT PRESSURES ON HYPERSONIC BODIES INTERACTING WITH BLAST WAVES	1963
19630031257	EQUATIONS OF MOTION FOR THE AIR-LUBRICATED FLEXIBLE DISC	1963
19630031259	RANGE INSTRUMENTATION RESEARCH AND DEVELOPMENT	1963
19630031266	STABILITY AND CONTROL OF MANNED ROTATING SPACE STATIONS	1963
19630031273	ON THE LIFE FORMS IN METEORITES	1963
19630031277	EFFECTS OF SHAPE ON TOTAL RADIATIVE AND CONVECTIVE HEAT INPUTS AT HYPERBOLIC ENTRY SPEEDS	1963
19630031293	AN EXPERIMENTAL STUDY OF LIQUID INSTABILITY IN A VIBRATING ELASTIC TANK TECHNICAL REPORT NO. 5	1963
19630031294	MATERIAL EVALUATION FOR A MACH III TRANSPORT PLANE QUARTERLY PROGRESS REPORT NO. 3A /PERIOD FROM OCTOBER 15, 1962 TO JANUARY 15, 1963/	1963
19630031298	[No Title]	1963
19630031305	ALTITUDE PERFORMANCE INVESTIGATION OF A HERCULES POWDER COMPANY HIGH-ENERGY PROPELLANT	1963
19630031323	[No Title]	1963
19630031324	[No Title]	1963
19630031325	RESEARCH IN THE DEVELOPMENT OF SOLID PROPELLANTS	1963
19630031329	MANNED ORBITAL SPACE STATION TECHNICAL SUMMARY, VOLUME I PROGRESS REPORT	1963
19630031336	ALTITUDE PERFORMANCE EVALUATION OF THE ABLATIVELY COOLED AJ10- 131 LIQUID-PROPELLANT ROCKET ENGINE	1963
19630031337	IMPINGEMENT EFFECTS OF A MODEL SLV-5 SECOND-STAGE JET PLUME ON THE FIRST-STAGE BOOSTER CASES AT ALTITUDES FROM 65,000 TO 95,000 FT	1963
19630031338	ALTITUDE TESTING OF THE JPL SOLID-PROPELLANT APOGEE ROCKET MOTOR FOR THE SYNCOM SPACECRAFT /QUALIFICATION TEST PHASE/	1963
19630031339	[No Title]	1963
19630031340	[No Title]	1963
19630031341	RADAR ATTENUATION BY EXHAUST GASES OF DOUBLE-BASE PROPELLANTS	1963
19630031342	[No Title]	1963
19630031343	[No Title]	1963
19630031344	[No Title]	1963
19630031392	LIGHTER, AMPHIBIOUS, RESUPPLY, CARGO, 15-TON /LARC-XV/ ENDURANCE TEST REPORT	1963
19630031395	OAK RIDGE NATIONAL LABORATORY STATUS AND PROGRESS REPORT, FEBRUARY 1963 MAR. 8, 1963	1963
19630031412	MEASUREMENT OF THE POTENTIAL OF A CATALYST IN THE COURSE OF REACTION. USE OF "DISPERSED" ELECTRODES	1963
19630031479	FUTURE POSSIBILITIES OF THE SUPERSONIC TRANSPORT PLANE	1963
19630031481	CONCERNING THE EXISTENCE AND CHARACTERISTICS OF THE INTEGRAL MULTIFORMITY OF A SYSTEM OF DIFFERENTIAL EQUATIONS WITH A LAGGING ARGUMENT	1963
19630031482	INTERNATIONAL SYSTEM OF UNITS	1963
19630031483	THE SPACE RESEARCH PROGRAM OF THE NATIONAL TELECOMMUNICATIONS STUDY CENTER	1963
19630031484	PERIODIC SOLUTIONS OF LINEAR SYSTEMS WITH A LAG	1963
19630031485	PERIODIC AND ALMOST-PERIODIC SOLUTIONS OF SYSTEMS OF DIFFERENTIAL EQUATIONS WITH A LAGGING ARGUMENT	1963
19630031486	AN EXCITING PROJECT- THE NIMBUS SATELLITE	1963
19630031488	CONDUCTIVITY MEASUREMENTS ON GAS JETS	1963
19630031489	CONTRIBUTION TO THE THEORY OF LOW-FREQUENCY GRAVITATIONAL WAVES	1963
19630031490	INVESTIGATION OF A D-C ARC AT INCREASED PRESSURE	1963
19630031491	THE EFFECT OF ATMOSPHERES OF ARGON, NITROGEN, AND AIR ON THE EMISSION OF AN ARC DISCHARGE	1963
19630031492	ON A NEW MOLECULAR PUMP	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031494	ELECTROMETER TUBES- PART II	1963
19630031495	ELECTROMETER TUBES- PART I	1963
19630031497	ELECTRIC BREAKDOWN OF MICROGAPS IN A GAS	1963
19630031498	ON THE UTILIZATION OF AVERAGE ABSORPTION COEFFICIENTS IN THE CONSTRUCTION OF STELLAR-ATMOSPHERE MODELS	1963
19630031499	INTERNATIONAL SYSTEM OF UNITS. RESOLUTION NO. 12	1963
19630031500	RADAR LOCATION OF PLANET MERCURY	1963
19630031501	FLARES AND EMISSION LINES OF THE SOLAR CORONA	1963
19630031502	PROBABILITY OF HYDROGEN IONIZATION BY ELECTRON IMPACT	1963
19630031503	SHAPE OF THE SURFACE OF A LIQUID IN PROCESS OF LOSING ITS WEIGHTINESS	1963
19630031504	MORE ON A LIQUID IN PROCESS OF LOSING ITS WEIGHTINESS	1963
19630031505	ON SOME PECULIARITIES OF MAGNETIC FIELDS LINKED WITH SOLAR FLARES	1963
19630031506	ON THE STABILITY OF PLASMA IN A NONUNIFORM MAGNETIC FIELD AND ONL THE MECHANISM OF SOLAR FLARES	1963
19630031507	ON PLASMA LAYER INSTABILITY WITH THE NEUTRAL POINT OF A MAGNETIC FIELD	1963
19630031509	CONTRIBUTION TO THE THEORY OF SPECTRAL TYPE. I. GENERAL INTRODUCTION - THE CONSTRUCTION OF MODELS OF ATMOSPHERES	1963
19630031510	PROPERTIES OF THE MONOCHROMATIC EMISSIONS OF THE SOLAR CORONA	1963
19630031511	ON KINEMATICS OF SPICULES OF THE SOLAR CHROMOSPHERE	1963
19630031512	SOME PECULIARITIES OF THE MAGNETIC FIELD IN THE SOLAR CORONA	1963
19630031513	ON THE CHARACTER OF LARGE-SCALE MOTIONS IN THE SOLAR PHOTOSPHERE	1963
19630031514	MAGNETOHYDRODYNAMIC INSTABILITY OF SOLAR CORPUSCULAR STREAMS	1963
19630031516	APPROXIMATE THERMODYNAMIC, TRANSPORT AND ELECTRICAL PROPERTIES OF HIGH-TEMPERATURE AIR	1963
19630031517	TITANIUM TANKAGE PROGRAM. PHASE II - TITANIUM TANKAGE DEVELOPMENT SECOND QUARTERLY REPORT <SEPT. 15-DEC. 15, 1962<	1963
19630031519	EXPLORATORY STUDIES OF MECHANICAL CYCLING FATIGUE BEHAVIOR OF MATERIALS FOR THE SUPERSONIC TRANSPORT. SECOND QUARTERLY PROGRESS REPORT <OCT. 15-DEC. 31, 1962<	1963
19630031520	STUDIES ON THE RADIOACTIVE DATING OF THE LUNAR SURFACE <SECOND STATUS REPORT FOR PERIOD JAN. 19, 1962 - JAN. 10, 1963<	1963
19630031521	EXPERIMENTAL DYNAMIC RESPONSE OF FLUID LINES	1963
19630031564	NASA SYSTEM DESIGN AND RESEARCH BIMONTHLY PROGRESS REPORT, 1 DECEMBER 1962-31 JANUARY 1963	1963
19630031577	WALL-PRESSURE FLUCTUATION AND PRESSURE-VELOCITY CORRELATIONS IN A TURBULENT BOUNDARY LAYER	1963
19630031579	INVESTIGATION OF LUBRICANTS FOR SATELLITE AND SPACE VEHICLE INSTRUMENTATION QUARTERLY REPORT NO. 3	1963
19630031580	The Hot Pressing of the Mixed Carbides of Ta, Hf, and Zr	1963
19630031582	Thermoluminescent Spectra of Alpha Particle Irradiated NaCl	1963
19630031590	THE STRUCTURE OF THE VENUS ATMOSPHERE	1963
19630031600	SPACE POWERPLANT REQUIREMENTS AND SELECTION	1963
19630031609	DELEGATES OF THE SIGNATORY NATIONS OF THE METER CONVENTION	1963
19630031615	MANUFACTURING METHODS FOR HIGH TEMPERATURE COATING OF LARGE MOLYBDENUM PARTS INTERIM ENGINEERING PROGRESS REPORT, NOV. 1, 1962 - JAN. 31, 1963	1963
19630031617	CRITERION OF HYDROMAGNETIC INSTABILITY IN TOP HEAVY LAYERS OF FLUIDS	1963
19630031618	ORIGIN OF TEKTITES	1963
19630031621	GLASS REINFORCEMENTS FOR FILAMENT WOUND COMPOSITES <SECOND< INTERIM ENGINEERING PROGRESS REPORT, NOVEMBER 1962 THROUGH JANUARY 1963	1963
19630031622	HIGHLIGHTS OF A UNITED STATES PROJECT TO LAND ASTRONAUTS ON THE MOON	1963
19630031623	MERCURY CORROSION LOOP TESTING PROGRAM FOURTEENTH MONTHLY PROGRESS LETTER REPORT	1963
19630031626	ALTITUDE PERFORMANCE OF THE GEMINI EJECTION SEAT DURING THE ROCKET-PROPELLED PHASE OF THE EJECTION SEQUENCE	1963
19630031628	EXPLORER XII OBSERVATIONS OF THE MAGNETOSPHERIC BOUNDARY AND THE ASSOCIATED SOLAR PLASMA ON THE 13TH OF SEPTEMBER 1961	1963
19630031631	INVESTIGATION OF A SECONDARY FLUID INJECTION THRUST VECTOR CONTROL SYSTEM ON AN X-248 ROCKET MOTOR	1963
19630031656	ORGANIC CONSTITUENTS OF CARBONACEOUS CHONDRITES	1963
19630031660	CYLINDRICAL SECTIONS WITH UNIFORM DIFFUSE-RADIATION CHARACTERISTICS	1963
19630031661	INVESTIGATION OF STRAIN GAGES FOR USE AT CRYOGENIC TEMPERATURES	1963
19630031668	THRUST MEASUREMENTS OF COLLOIDAL PARTICLES AS AN INDICATION OF PARTICLE SIZE AND THRUSTOR OPERATION	1963
19630031690	STRUCTURAL DESIGN CRITERIA FOR STAGE SEPARATION	1963
19630031699	RESEARCH AND DEVELOPMENT OF AN ADVANCED POLARIS PROPELLANT, VOLUME I, TEXT	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031700	RESEARCH AND DEVELOPMENT OF AN ADVANCED POLARIS PROPELLANT APPENDICES A, B, C AND D, VOLUME II	1963
19630031701	OPERATING LIMITS FOR VARIOUS SOLID PROPELLANT ZONING TECHNIQUES	1963
19630031707	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM	1963
19630031708	FLIGHT EVALUATION OF PERSHING 328	1963
19630031709	INVISCID FLOW FIELDS AROUND THE POLARIS REENTRY BODY-INCLUDING EFFECTS OF RATE CHEMISTRY	1963
19630031710	CALCULATION OF THE VISCOUS FAR WAKE BEHIND THE POLARIS REENTRY BODY	1963
19630031718	AMR INSTRUMENTATION HANDBOOK. VOLUME I - OPERATIONAL SYSTEMS	1963
19630031720	LUBRICATION STUDIES WITH LAMELLAR SOLIDS <FINAL< REPORT	1963
19630031721	SYNTHESIS OF NEW ABLATIVE PLASTICS FOR ROCKET NOZZLES <FINAL REPORT, 1 MARCH 1962 THROUGH 31 DECEMBER 1962<	1963
19630031730	A SPECTRAL SCANNING THEORY OF COLOR VISION	1963
19630031738	ANNUAL REVIEW OF THE SUPPORTING RESEARCH PROGRAMS ON SOLID PROPELLANTS BEING CONDUCTED WITHIN THE ARMY MATERIEL COMMAND	1963
19630031740	SPACE TRANSFER PHASE PROPULSION SYSTEM STUDY. VOLUME 2. PROPULSION MANEUVER REQUIREMENT FINAL REPORT	1963
19630031741	SPACE TRANSFER PHASE PROPULSION SYSTEM STUDY. VOLUME 4. APPENDIXES FINAL REPORT	1963
19630031745	ALTITUDE TESTING OF NAVAL PROPELLANT PLANT X-248 A-6 ROCKET MOTOR, SERIAL NUMBER BSB-250	1963
19630031746	PROBLEMS AND TECHNIQUES OF HUMAN SLED SUBJECT SELECTION	1963
19630031747	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE-354	1963
19630031754	TRANSIT EXPLORATORY STATION 091 APL/JHU	1963
19630031756	RESONANCES OF A PERIODICALLY SUPPORTED BEAM AND ITS COUPLING TO SOUND	1963
19630031758	BIOLOGICAL AND PHYSIOLOGICAL STUDIES OF PEROGNATHUS /POCKET MICE/ QUARTERLY STATUS REPORT, DEC. 1, 1962 - FEB. 28, 1963	1963
19630031759	FREQUENCY STABILITY ON HE-HE MASERS AND MEASUREMENTS OF LENGTH	1963
19630031760	Photoelectric Emission from Lead Sulfide in the Near and Vacuum Ultraviolet. Technical Note No. 3	1963
19630031761	SONIC BOOM RECORDINGS INSIDE A BUILDING DURING PROJECT "LITTLEMAN", EDWARDS AFB, CALIF., FEB. 18-26, 1963	1963
19630031765	PROTECTIVE COATINGS FOR SHEET METALS IN SUPERSONIC TRANSPORT AIRCRAFT THIRD QUARTERLY STATUS REPORT FOR THE PERIOD DECEMBER 1, 1962 - FEBRUARY 28, 1963	1963
19630031766	STUDY OF THE RELATIONSHIP OF PROPERTIES OF COMPOSITE MATERIALS TO PROPERTIES OF THEIR CONSTITUENTS QUARTERLY PROGRESS REPORT NO. 2	1963
19630031773	DIGITAL ACTUATOR EVALUATION. PHASE I OF THE SAMPLED-DATA CONTROL SYSTEM SUPPORTING RESEARCH PROGRAM	1963
19630031775	RESEARCH ON NUCLEAR TECHNIQUES FOR CHEMICAL ANALYSIS OF LUNAR SURFACE MATERIALS FINAL REPORT	1963
19630031776	EXPERIMENTAL OCULAR PATHOLOGY RELATED TO CORNEAL TRANSMITTANCE AND INFRARED PSYCHOPHYSICS	1963
19630031777	HYDRA PROGRAM. DETERMINATION OF THE TOTAL THERMAL RADIANT ENERGY EMITTED BY AN UNDERWATER EXPLODING WIRE	1963
19630031778	PHYSICAL AND CHEMICAL PROPERTIES OF CERAMIC BONDED SOLID LUBRICANT FILMS <FINAL< REPORT <JAN. - DEC. 1962<	1963
19630031779	DESIGN DATA STUDY FOR COATED COLUMBIUM ALLOYS FINAL SUMMARY TECHNICAL REPORT, 21 DEC. 1961 THROUGH 21 DEC. 1962	1963
19630031797	ASDE BRIGHT DISPLAY STUDY. FIRST INTERIM REPORT - FEB. 1963	1963
19630031807	DEVELOPMENT OF NON-VACUUM ELECTRON BEAM WELDING INTERIM TECHNICAL ENGINEERING REPORT, 30 SEPT. 1962 - 31 JAN. 1963	1963
19630031809	GROWTH AND EVALUATION OF BORON SUBOXIDE AND ZIRCONIUM DIOXIDE SINGLE CRYSTALS <FINAL TECHNICAL REPORT, FEB. 1961 - AUG. 1962<	1963
19630031811	ANALYSES OF AIRBORNE RADIO FREQUENCY INTERFERENCE /RFI/ PROBLEMS FINAL REPORT	1963
19630031817	PROGRAMS AND DOWNRANGE MEASUREMENTS PROGRAM /TRAP/	1963
19630031821	RESEARCH IN CHEMISTRY /U/ QUARTERLY PROGRESS REPORT, OCT.DEC. 1962	1963
19630031822	WIND TUNNEL STUDIES OF ROCKET ENGINE PLUME INFRARED RADIATION IN SUPERSONIC FLOW	1963
19630031823	DEVELOPMENT OF HIGH ENERGY SOLID PROPELLANT FORMULATIONS	1963
19630031824	SIGHTING STUDY FOR LANCE MISSILE SYSTEM	1963
19630031825	SOME UPPER ATMOSPHERE ASPECTS OF CHEMICAL GEOPHYSICAL WARFARE	1963
19630031833	APOLLO GUIDANCE AND NAVIGATION SYSTEM RELIABILITY APPORTIONMENTS AND INITIAL ANALYSIS	1963
19630031835	PROJECT APOLLO GUIDANCE AND NAVIGATION PROGRAM	1963
19630031836	SPACE TRANSFER PHASE PROPULSION SYSTEM STUDY. VOLUME I, SUMMARY	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031839	THE EFFECTS OF EXTERNAL APPENDAGES ON THE ROLLING MOMENT AND BASE HEATING OF A SCALE MODEL THOR BOOSTER	1963
19630031842	PROJECT APOLLO GUIDANCE AND NAVIGATION PROGRAM	1963
19630031843	WEAPON SYSTEM 133A- SECOND-STAGE MINUTEMAN M56A1 /WING II/ MOTOR DATA BOOK	1963
19630031845	[No Title]	1963
19630031848	INTEGRATED RESEARCH EFFORT ON HIGH-ENERGY HYBRID PROPELLANTS	1963
19630031850	[No Title]	1963
19630031851	PERFORMANCE EVALUATION OF T85 T9T1N 99 /419T95 P450S0003/ SOLID PROPELLANT TRANSLATION ROCKET MOTOR AT SIMULATED ALTITUDE CONDITIONS /QUALIFICATION TEST PHASE/	1963
19630031853	[No Title]	1963
19630031855	A THEORETICAL STUDY OF THE FLIGHT DYNAMICS OF A THREE STAGE HYPERSONIC RESEARCH VEHICLE TECHNICAL NOTE	1963
19630031856	FLIGHT TESTS TO DETERMINE THE COEFFICIENT OF FRICTION BETWEEN AN AIRCRAFT TYRE AND VARIOUS WET RUNWAY SURFACES. PART 9- TRIALS ON AN ASPHALT RUNWAY AT WISLEY LONDON	1963
19630031858	THERMOPHYSICAL PROPERTIES OF RUBIDIUM <FINAL REPORT<	1963
19630031859	QUALITY SAMPLING SPECIFICATION FOR TUNGSTEN PLATE REPORT OF THE SUBPANEL ON QUALITY SPECIFICATIONS REFRACTORY METALS SHEET ROLLING PANEL	1963
19630031865	JOINING OF REFRACTORY METALS BY BRAZING AND DIFFUSION BONDING <FINAL REPORT, NOV. 1, 1961 - NOV. 20, 1962<	1963
19630031866	STUDY AND RESEARCH ON DEPRESSED COLLECTORS FOR O-TYPE TRAVELINGWAVE TUBES <FINAL REPORT MAR. 1, 1961 - MAR. 31, 1962<	1963
19630031869	PROPELLANT ACTUATED DEVICES. MONTHLY PROGRESS REPORT JAN. - FEB. 1963 1963	1963
19630031871	A NUMERICAL SOLUTION OF AN INTEGRAL EQUATION SATISFIED BY THE VELOCITY DISTRIBUTION AROUND A BODY OF REVOLUTION IN AXIAL FLOW	1963
19630031874	ENVIRONMENTAL CONTROL SYSTEMS SELECTION FOR MANNED SPACE VEHICLES <INTERIM REPORT<	1963
19630031880	THE USE OF A JET PROPELLED VTOL AIRCRAFT TO INVESTIGATE LUNAR LANDING TRAJECTORIES	1963
19630031881	TEMPERATURE DISTRIBUTION ON CONDUCTING CYLINDRICAL SHELLS INCLUDING THE EFFECTS OF THERMAL RADIATION	1963
19630031898	APPLICATION OF A TECHNIQUE FOR WIND TUNNEL STUDIES OF THE LAUNCH TRAJECTORIES OF STORES FROM AIRPLANES AT HIGH SUBSONIC SPEEDS	1963
19630031900	RELATIONSHIP BETWEEN DECOMPOSITION KINETICS AND SENSITIVITY	1963
19630031901	DEVELOPMENT OF SOLID ROCKET PROPELLANT SYSTEM CAPABLE OF WITHSTANDING EXTENDED STORAGE IN SPACE ENVIRONMENT	1963
19630031902	ACCURACY OF THE BALLISTIC PERFORMANCE OF HERCULES WING I QUALIFICATION XM-57 THIRD-STAGE MINUTEMAN MOTORS TESTED IN ROCKET ALTITUDE CELL J-2	1963
19630031904	SYNTHESIS, CHARACTERIZATION AND EVALUATION OF METAL HYDRIDE	1963
19630031905	QUARTERLY PROGRESS REPORT ON PROCESS RESEARCH, NOVEMBER 1, 1962- JANUARY 31, 1963	1963
19630031907	APOLLO GUIDANCE AND NAVIGATION PROGRAM. LOGICAL DESCRIPTION FOR THE APOLLO GUIDANCE COMPUTER /AGC 4/	1963
19630031909	PROJECT APOLLO GUIDANCE AND NAVIGATION PROGRAM	1963
19630031910	PROJECT APOLLO GUIDANCE AND NAVIGATION PROGRAM	1963
19630031919	A METHOD FOR ESTIMATING FORCES, MOMENTS, AND DRAG DUE TO LIFT ACTING ON SLENDER BODIES AND FIN-STABILIZED BODIES AT SUPERSONIC SPEEDS	1963
19630031920	QUARTERLY PROGRESS REPORT ON A.R.P.A. PROJECTS, JANUARY 1, 1963 - MARCH 31, 1963	1963
19630031921	EVALUATION OF PROPELLANT/LINER SYSTEM OF MAULER	1963
19630031925	PROCEDURES USED FOR PANEL FLUTTER TESTS AT MACH NUMBERS 2 THROUGH 5	1963
19630031926	SIMULATED ALTITUDE TESTING OF A LOCKHEED MG-18 /S/N 9/ SOLIDPROPELLANT ROCKET MOTOR	1963
19630031927	ALTITUDE TESTING OF TWO HPC-ABL X-258 B-1 SOLID-PROPELLANT ROCKET MOTORS	1963
19630031929	DEVELOPMENT OF HIGH-ENERGY SOLID PROPELLANT FORMULATIONS	1963
19630031930	UNIQUE INJECTOR CONCEPTS DEVELOPMENT /UNICODE/	1963
19630031934	[No Title]	1963
19630031935	PREPARATION OF HIGH ENERGY STORABLE PROPELLANTS	1963
19630031946	EUROPEAN RESEARCH ON LUBRICATION SPONSORED BY THE USAF NONMETALLIC MATERIALS LABORATORY <FINAL REPORT, JULY 1, 1961 - JUNE 30, 1962<	1963
19630031952	STUDY AND EVALUATION OF THE OXIDATIVE AND DEPOSIT FORMING PROPERTIES OF HIGH TEMPERATURE LUBRICANTS TECHNICAL DOCUMENTARY REPORT <MAR. 1, 1961-FEB. 28, 1962<	1963
19630031953	INVESTIGATION OF NON-SEPARABLE CREW ESCAPE TECHNIQUES FOR ORBITAL SPACE STATIONS <FINAL< REPORT	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630031955	MATERIALS RESEARCH FOR ULTRA-HIGH-SPEED BEARING LUBRICANTS AND HEAT TRANSFER FLUIDS <FINAL< TECHNICAL DOCUMENTARY REPORT <JAN. 1962-DEC. 1962<	1963
19630031969	RADIATION-CHEMISTRY OXIDIZER SYNTHESIS STUDY	1963
19630031972	RESEARCH ON WORKABLE REFRACTORY ALLOYS OF TUNGSTEN, TANTALUM, MOLYBDENUM, AND COLUMBIUM TECHNICAL DOCUMENTARY REPORT <APR. 15, 1961 - NOV. 15, 1962<	1963
19630031973	REPORT ON CONFERENCE ON THERMAL EFFECTS ON POLYMERS, HELD AUGUST 7, 1962, WASHINGTON, D.C. MAR. 15, 1963	1963
19630031975	THIRD INTERNATIONAL SYMPOSIUM ON QUANTUM ELECTRONICS <PARIS, FEB. 11-15, 1963< TECHNICAL REPORT	1963
19630031976	RESEARCH IN RADIATION DAMAGE AND THE INFRARED	1963
19630031977	Pulse-Frequency-Modulation Telemetry	1963
19630031978	TIME HISTORIES OF GROUND OPERATIONS OF B-52F AND KC-135A AIRCRAFT ENGINES <FINAL REPORT, FEB. 1960-MAY 1962<	1963
19630031979	ANALYSIS OF TRANSIENT HEATING FOR FINITE AND SEMI-FINITE SLABS <INTERIM REPORT<	1963
19630031994	WEAPON SYSTEM 133A- DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE	1963
19630031996	PHYSICAL CHEMISTRY	1963
19630031997	WEAPON SYSTEM 133A- SECOND-STAGE MINUTEMAN WING I OPERATIONAL CONFIGURATION MOTOR DATA BOOK	1963
19630032004	BASIC FACTORS IN THE FORMATION AND STABILITY OF NON-SOAP GREASES FOR HIGH TEMPERATURE APPLICATIONS <INTERIM REPORT, APR. 1, 1962 - FEB. 28, 1963<	1963
19630032045	LANGMUIR PROBE DERIVATIVES USING A DOUBLE-PROBE METHOD <INTERIM TECHNICAL REPORT<	1963
19630032046	BENDING OF THIN ELASTIC PLATES CONTAINING LINE DISCONTINUITIES	1963
19630032049	SOME RESEARCH IN SOLID STATE PHYSICS	1963
19630032054	STATUS AND PROGRESS REPORT, MARCH 1963 APR. 8, 1963	1963
19630032062	CASE EVALUATION /U/ QUARTERLY INTERIM TECHNICAL REPORT	1963
19630032065	PRESSURE DISTRIBUTION AND HEAT-TRANSFER TESTS ON THE DYNA-SOAR X-2 CONFIGURATION WITH VARIOUS CONTROL SETTINGS AT MACH 10	1963
19630032074	AERODYNAMIC FORCES ON SPHERICAL NOSE SEGMENTS DUE TO HYPERSONIC VISCOUS FLOWS	1963
19630032075	[No Title]	1963
19630032076	DELTA 16, SYNCOM FLIGHT TEST REPORT	1963
19630032081	SOLUTIONS OF SOME UNIQUE BALLISTIC PROBLEMS IN FREE FLIGHT ROCKETS	1963
19630032084	SPACE TRANSFER PHASE PROPULSION SYSTEM STUDY, VOLUME III PROPULSION SYSTEM STUDIES	1963
19630032086	A THEORY OF DEPOSIT STRESSES IN VAPOR DEPOSITED SPHERICAL AND CYLINDRICAL SHELLS OF MONOTROPIC MATERIALS	1963
19630032087	SERVICES TO ADVANCE THE STATE-OF-THE-ART OF LIGHTWEIGHT HARD PARTS /FIBERGLASS CASES/ FOR SOLID PROPELLANT ROCKET MOTORS	1963
19630032089	THE AERODYNAMIC CHARACTERISTICS OF THREE ELLIPTICAL-CONE LIFTING BODIES AT TRANSONIC SPEEDS	1963
19630032092	TRANSMISSION LOSS VARIABILITY AND FADING CHARACTERISTICS FOR LONG KNIFE-EDGE DIFFRACTION PATHS	1963
19630032097	DETERMINATION OF THE EFFECTS OF PROCESSING REFRACTORY METALS UNDER VACUUM <FINAL REPORT, APR. 1, 1961-MAY 31, 1962<	1963
19630032099	IMPROVED ORGANIC COATINGS FOR TEMPERATURE CONTROL IN A SPACE ENVIRONMENT. FINAL REPORT, <AUG. 1, 1961 - JULY 31, 1962<	1963
19630032103	RESEARCH AND DEVELOPMENT OF AN OPEN-CYCLE FUEL CELL SYSTEM SECOND QUARTERLY REPORT, 1 OCT. 1962-31 DEC. 1962	1963
19630032106	MEANS OF CREATING SIMULATED VARIABLE GRAVITY FIELDS FOR THE STUDY OF FREE CONVECTIVE HEAT TRANSFER <FINAL REPORT, AUG. - OCT. 1962<	1963
19630032110	STABILITY AND CONTROL STUDY FOR A MANNED ORBITAL RESEARCH LABORATORY PROGRESS REPORT	1963
19630032113	HEAT TRANSFER STUDIES OF VAPOR CONDENSING AT HIGH VELOCITIES IN SMALL STRAIGHT TUBES SECOND INTERIM PROGRESS REPORT	1963
19630032115	TWELFTH QUARTERLY STATUS REPORT, NOV. 1, 1962-JAN. 31, 1963 <LABORATORY AND HIGH ALTITUDE TESTING OF THE TIROS 5-CHANNEL RADIOMETER, THE NIMBUS MRIR RADIOMETER, AND THE MODIFIED BLOCK 14-T INTERFEROMETER<	1963
19630032117	Elevated Temperature Fatigue Program, Second Quarterly Progress Report, Nov. 17, 1962 - Feb. 17, 1963	1963
19630032122	CONDENSATION HEAT TRANSFER. PART I. EFFECT OF TURBULENT DISTURBANCE ON FILM CONDENSATION <INTERIM REPORT, MAY-NOV. 1962<	1963
19630032132	DYNAMIC BEHAVIOR OF POROUS ELECTRODE SYSTEMS INTERIM TECHNICAL REPORTS	1963
19630032133	ANALYSIS OF ONE-DIMENSIONAL POROUS ELECTRODES INTERIM TECHNICAL REPORT I	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032134	EXPERIMENTAL STUDY OF CURRENT DISTRIBUTION IN A SINGLE PORE MODEL INTERIM TECHNICAL REPORT II	1963
19630032135	MACROSCOPIC MODEL OF A POROUS ELECTRODE INTERIM TECHNICAL REPORT III	1963
19630032142	DESIGN AND MANUFACTURING DEVELOPMENT OF LIGHTWEIGHT HEAT EXCHANGERS	1963
19630032143	THERMODYNAMIC PROPERTIES OF BIMETALLIC COMPOUNDS	1963
19630032144	ELECTROSTATIC GYRO EVALUATION PROGRAM	1963
19630032146	SPARROW III MISSILE SYSTEM R&D PROGRAM	1963
19630032147	ZONING OF A SOLID PROPELLANT FREE FLIGHT MISSILE UTILIZING THRUST TERMINATION FROM A REDUCED OPERATING PRESSURE LEVEL	1963
19630032152	IRIA ANNOTATED BIBLIOGRAPHY OF INFRARED LITERATURE, VOLUME VII, NUMBER 1	1963
19630032153	ARBALIST GRAIN INTEGRITY ANALYSIS FOR AXIAL ACCELERATIONS	1963
19630032155	WEAPON SYSTEM 133B- DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE	1963
19630032157	MONOCOMPOUND ROCKET ENGINE	1963
19630032164	INTERACTIONS PRODUCED BY SONIC LATERAL JETS LOCATED ON SURFACES IN A SUPERSONIC STREAM	1963
19630032165	REPLY TO A CRITICISM BY J. V. EVANS ON THE SENIOR-SIEGEL THEORY OF RADIO SCATTERING FROM THE MOON APPENDIX A TO QUARTERLY PROGRESS REPORT, OCT. 10, 1962 TO JAN. 10, 1963	1963
19630032167	RESEARCH TO DEVELOP METHODS FOR MEASURING THE PROPERTIES OF PENETRANT FLOW INSPECTION MATERIALS <FINAL REPORT, APR. 1, 1960 - NOV. 30, 1960<	1963
19630032168	RESEARCH IN THE MECHANISM OF STRENGTHENING IN AUSFORMED STEEL <FINAL REPORT<	1963
19630032172	RESEARCHES IN THE FIELD OF SOLAR RADIO NOISE AND SUNSPOTS ANNUAL REPORT FOR 1962	1963
19630032174	WIND TUNNEL INVESTIGATIONS OF CONFIGURATIONS OF THE AJ-60-87T TEST SLED ASSEMBLY AT TRANSONIC SPEEDS	1963
19630032179	RESISTANCE OF GASEOUS MEDIUM TO THE MOVEMENT OF PARTICLES OF SIZE COMPARABLE TO THE MEAN FREE PATH OF GAS MOLECULES	1963
19630032181	IONOSPHERE STRUCTURE INVESTIGATION BY MEANS OF A MULTI-CHANNEL COHERENT FREQUENCY RADIO STATION INSTALLED ABOARD AES "COSMOS I AND II"	1963
19630032185	THE DEVELOPMENT OF AN ANOMALOUS SUN-SPOT GROUP	1963
19630032187	ATOM DENSITY MEASUREMENTS BY LUMINESCENCE OF SOLIDS TECHNICAL STATUS REPORT NO. 3, DEC. 2, 1962 TO MAR. 2, 1963	1963
19630032188	RESEARCH STUDY OF THE CONTROL OF LARGE FLEXIBLE ROCKET BOOSTERS FIRST QUARTERLY PROGRESS REPORT, NOV. 15, 1962 - FEB. 14, 1963	1963
19630032193	HIGH PRESSURE ROCKET ENGINE FEASIBILITY PROGRAM	1963
19630032198	REFRACTORY METALS STRUCTURAL DEVELOPMENT PROGRAM. VOLUME V STRUCTURAL COMPONENT TEST <FINAL REPORT<	1963
19630032206	CERAMIC STRUCTURAL ADHESIVES AS BINDERS FOR HIGH TEMPERATURE SOLID FILM LUBRICANTS <FINAL REPORT, MAY 15, 1961 - MAY 15, 1962<	1963
19630032208	KINETIC THEORY OF FULLY IONIZED PLASMAS. PART A- THE AIMS OF CLASSICAL KINETIC THEORY	1963
19630032216	HYDROGEN ATOMS AND IONS IN THE THERMOSPHERE AND EXOSPHERE	1963
19630032218	MINERAL-LIKE COATINGS FOR METALS TECHNICAL REPORT	1963
19630032219	Project Notes on NASA Sponsored Research Project, March 1963	1963
19630032240	[No Title]	1963
19630032243	THE EFFECTS OF PHYSICAL PROJECTILE PROPERTIES ON THIN TARGET DAMAGE AT HYPERVELOCITIES	1963
19630032244	[No Title]	1963
19630032254	SEMIANNUAL REPORT, SEPT. 1, 1962 TO FEB. 28, 1963 <INTERDISCIPLINARY SPACE-ORIENTED RESEARCH IN THE PHYSICAL, BIOLOGICAL AND ENGINEERING SCIENCES<	1963
19630032255	STATUS REPORT, SERIES 4, ISSUE 20, MAY 1, 1962 - FEB. 1, 1963 <INTERDISCIPLINARY SPACE-ORIENTED RESEARCH IN THE PHYSICAL, BIOLOGICAL AND ENGINEERING SCIENCES<	1963
19630032260	HIGH MOMENT PRODUCING TECHNIQUES FOR ATTITUDE CONTROL AND STABILIZATION OF MANNED SPACE VEHICLES. VOLUME I - MOMENT REQUIREMENTS AND TECHNIQUES <FINAL REPORT<	1963
19630032266	CABIN SEALING OF AEROSPACECRAFT <FINAL REPORT, MAY 1, 1961 - MAY 1, 1962<	1963
19630032271	INORGANIC DIELECTRICS RESEARCH PROGRESS REPORT NO. 5, NOV. 1, 1962 - FEB. 1, 1963	1963
19630032272	DEVITRIFICATION OF BATIO SUB 3. PROGRESS REPORT - PART I <1963< (IN ITS INORGANIC DIELECTRICS RESEARCH PROGRESS REPORT NO. 5, NOV. 1, 1962 - FEB. 1, 1963)	1963
19630032273	TRANSPARENT POLYCRYSTALLINE CERAMICS PROGRESS REPORT - PART 2 <1963< (IN ITS INORGANIC DIELECTRICS RESEARCH PROGRESS REPORT NO. 5, NOV. 1, 1962 - FEB. 1, 1963)	1963
19630032274	LOW LOSS MICROWAVE DIELECTRICS. PROGRESS REPORT - PART 3 <1963< (IN ITS INORGANIC DIELECTRICS RESEARCH PROGRESS REPORT NO. 5, NOV. 1, 1962 - FEB. 1, 1963)	1963
19630032275	HOT EXTRUSION PROGRESS REPORT - PART 4	1963
19630032276	FACILITIES FOR MANNED SPACECRAFT DEVELOPMENT - SIMULATION AND TRAINING	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032287	MANUFACTURING METHODS FOR CONTINUOUS PROCESSING OF SOLID ROCKET PROPELLANTS. INTERIM ENGINEERING PROGRESS REPORT, 5 JAN. THRU 4 MAR. 1963	1963
19630032292	WEAPON SYSTEM 133B- DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE	1963
19630032293	RESEARCH ON SELECTIVE FLUORINATION TECHNIQUES	1963
19630032294	PHYSICAL AND CHEMICAL STUDIES OF HYBALINE A5 FUEL	1963
19630032295	INVESTIGATION AND DEVELOPMENT OF ADVANCED TYPE SOLID PROPELLANTS	1963
19630032299	STRUCTURES AND CRYOGENIC PROPELLANT STORAGE	1963
19630032300	V. DYNAMICS AND CONTROLS	1963
19630032301	LOCAL HEAT-TRANSFER MEASUREMENTS FOR FORCED CONVECTION OF HYDROGEN AND HELIUM AT SURFACE TEMPERATURES UP TO 5600 DEG R	1963
19630032302	Convective Heat Transfer in a Convergent-Divergent Nozzle	1963
19630032305	GROUND CREW OPERATIONS CONCEPTS	1963
19630032309	FLIGHT CONTROL AND MONITORING AND RECOVERY OPERATIONS	1963
19630032310	A SOLID-STATE-DATA-STORAGE DIGITAL TELEMETRY SYSTEM FOR OBTAINING REENTRY RESEARCH DATA USING SOLID-FUEL ROCKET VEHICLES	1963
19630032311	REACTING-FLOW EVALUATION AND NOZZLE-WALL HEAT TRANSFER IN A SMALL ARC-HEATED HYPERSONIC WIND TUNNEL	1963
19630032317	X-RAY EMISSION AND DETECTION FROM HIGH-TEMPERATURE PLASMA SOURCESAN ANNOTATED BIBLIOGRAPHY COVERS <UNCLASSIFIED< MATERIAL FROM JAN. 1957 - MAR. 1963	1963
19630032320	ANALYSIS OF A STRONGLY DIRECTIONAL EMITTING AND ABSORBING SURFACE	1963
19630032323	THE FINITE DEFLECTION OF A NORMALLY LOADED SPINNING ELASTIC MEMBRANE	1963
19630032324	AN INDEX FOR PREDICTING FLIGHT RELIABILITY OF SAILPLANES IN THERMAL SOARING	1963
19630032325	A NUMERICAL ANALYSIS OF ELASTIC-PLASTIC THIN SHELLS OF REVOLUTION CONTAINING DISCONTINUITIES	1963
19630032326	PSEUDO-RANDOM CODING FOR BIT AND WORD SYNCHRONIZATION OF PSK DATA TRANSMISSION SYSTEMS	1963
19630032331	RESEARCH AND DEVELOPMENT ON ENCAPSULATED INGREDIENTS FOR SOLID PROPELLANTS	1963
19630032333	DESIGN AND DEVELOPMENT OF AN ADVANCED-PROPELLANT UPPER-STAGE MOTOR /XM-86/	1963
19630032334	AN ALTITUDE INVESTIGATION OF THE TX-280 SATURN S-IV ULLAGE ROCKET AND JETTISON SYSTEM OPERATION	1963
19630032337	ALTITUDE TESTING OF TWO MODIFIED JPL SOLID-PROPELLANT ROCKET MOTORS FOR THE SYNCOM I SPACECRAFT	1963
19630032340	ROCKET PROPELLANT SUPPORTING RESEARCH	1963
19630032341	INVESTIGATION OF PHYSICAL PROPERTIES OF NITROCELLULOSE PLASTISOL PROPELLANT MATRICES	1963
19630032342	DEVELOPMENT OF LOW BURNING RATE COMPOSITIONS FOR POWER ACTUATED DEVICES	1963
19630032343	PRACTICAL EMPLOYMENT OF DIISOCYANATES AS CROSS-LINKERS IN NITROCELLULOSE - PLASTISOL PROPELLANTS	1963
19630032344	DEVELOPMENT OF RE-ENTRY DECOY SIMULATION MODEL	1963
19630032346	THE EFFECT OF VARIABLE SWEEP ON THE LOITER AND CRUISE CAPABILITY OF A MACH 3.0 LONG-RANGE INTERCEPTOR	1963
19630032350	SYNTHESIS OF HIGH ENERGY OXIDIZERS	1963
19630032357	SOME FACTORS INFLUENCING THE EFFECTIVE AUDITORY INTENSIVE DIFFERENCE LIMEN	1963
19630032358	SUSCEPTIBILITY OF STAPEDECTOMIZED PATIENTS TO NOISE INDUCED TEMPORARY THRESHOLD SHIFTS	1963
19630032359	TEMPORARY THRESHOLD SHIFT FOR "NORMAL" SUBJECTS AS A FUNCTIONS OF AGE AND SEX	1963
19630032360	PROPERTIES AND CHARACTERISTICS OF ABLATIVE PLASTIC CHARS. PART I- ORGANIC FIBER-REINFORCED PLASTICS <FINAL REPORT, SEPT. 1959 - JULY 1962<	1963
19630032364	AUTOMATIC IMPEDANCE PLOTTER FOR MISSILE APPLICATION	1963
19630032370	EUROPEAN MULTIPLE ACCESS SATELLITE COMMUNICATION SYSTEMS	1963
19630032375	MULTI - CORE ASSEMBLY AUTOMATIC TEST PROGRAM	1963
19630032388	SPACE - THE NEW FRONTIER	1963
19630032392	ELECTRIC BREAKDOWN AND ARCING IN EXPERIMENTAL ION THRUSTOR SYSTEMS	1963
19630032395	HEAT-TRANSFER AND FLOW DATA WITH CRYOGENIC HYDROGEN FOR NUCLEAR ROCKET SYSTEM DESIGN	1963
19630032399	INVESTIGATION OF NATURAL INTERFERENCE EFFECTS UPON AEROSPACE ELECTRONIC SYSTEMS PERFORMANCE. SHOCK TUNNEL INVESTIGATION OF ANTENNA NOISE DUE TO PLASMA SHEATH <FINAL REPORT, MAY 1961 - JULY 1962<	1963
19630032401	INVESTIGATION OF WELDABILITY OF ADDITIONAL COLUMBIUM ALLOYS SECOND QUARTERLY PROGRESS REPORT, OCT. 1-DEC. 31, 1962	1963
19630032402	INVESTIGATION OF WELDABILITY OF ADDITIONAL COLUMBIUM ALLOYS THIRD QUARTERLY PROGRESS REPORT, 1 JAN. 1963- 31 MAR., 1963	1963
19630032404	DEVELOPMENT OF A MILLIMETER LOW-NOISE TRAVELING-WAVE AMPLIFIER <STATUS< REPORT NO. 7, 1 JUNE 1962 - 31 DEC. 1962	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032406	DIFFUSION BONDING OF REFRACTORY METALS INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT 3, DEC. 29, 1962 - MAR. 28, 1963	1963
19630032407	GRAIN BOUNDARY INTERNAL FRICTION IN ALPHA SOLID SOLUTION OF MAGNESIUM IN ALUMINUM <SUMMARY REPORT<	1963
19630032408	AN ALTITUDE MILITARY QUALIFICATION TEST OF THE J85-GE-5A TURBOJET ENGINE TECHNICAL DOCUMENTARY REPORT	1963
19630032409	SPACE AGE CHALLENGES IN FLIGHT CONTROL	1963
19630032410	NEW TECHNIQUES FOR ASSESSING DAMAGE FROM ACCIDENT INVESTIGATIONS	1963
19630032411	OPTICAL DISCRIMINATION IN THE ATMOSPHERE	1963
19630032412	IMPACT FAILURE OF PRESSURE VESSELS	1963
19630032414	THE APPLICATION OF FOURIER TRANSFORM METHODS TO THE STUDY OF SEISMIC LAYERING AND BLAST INDUCED GROUND MOTION	1963
19630032415	RE-ENTRY PHYSICS AND PROJECT PRESS PROGRAMS	1963
19630032416	ADVANCED INTERCEPTOR TECHNOLOGY. PHASE II - TECHNICAL INVESTIGATIONS. VOLUME I- BAMBI STUDIES	1963
19630032418	FIELD ARTILLERY GUIDED MISSILE SYSTEM /SERGEANT/	1963
19630032419	PRELIMINARY REPORT ON THE THERMODYNAMIC PROPERTIES OF SELECTED LIGHT-ELEMENT AND SOME RELATED COMPOUNDS. NINTH SEMI-ANNUAL TECHNICAL SUMMARY REPORT	1963
19630032420	EXTENSION OF LITERATURE SURVEY- REPORTED HIGH-TEMPERATURE HEAT CONTENTS AND HEAT CAPACITIES	1963
19630032421	EXTENSION OF LITERATURE SURVEY- ALLOYS AND INTERSTITIAL COMPOUNDS OF THE LIGHT METALS	1963
19630032422	MICROWAVE SPECTRUM OF ALUMINUM MONOFLUORIDE	1963
19630032423	LITERATURE SURVEY AND ANALYSIS OF LOW-TEMPERATURE HEAT-CAPACITY DATA OF SELECTED COMPOUNDS OF H, LI, B, N, O, F, NA, MG, AL, SI, CL, K, TI, BR, AND I	1963
19630032424	NEW LITERATURE RELATING TO HEATS OF FORMATION OF THE LIGHT ELEMENTS AND THEIR COMPOUNDS	1963
19630032425	SUBSTANCE-PROPERTY INDEX FOR 1962	1963
19630032426	VAPOR PRESSURE AND HEAT OF SUBLIMATION OF ALUMINUM TRIFLUORIDE BY THE TRANSPIRATION METHOD FROM 1230 DEG TO 1290 DEG K	1963
19630032428	2.75-INCH FFAR AIRBORNE MODULAR ROCKET LAUNCHER	1963
19630032429	RESEARCH AND INVESTIGATION ON THE TRANSMISSION LINE ANALOG OF SOME FUNCTIONS OF THE COCHLEA <FINAL REPORT, JUNE 1962 - JAN. 1963<	1963
19630032432	MICROSTRUCTURE STUDIES OF POLYCRYSTALLINE REFRACTORY OXIDES QUARTERLY PROGRESS REPORT NO. 3	1963
19630032434	CONTROL SYSTEM REDUNDANCY MECHANIZATION STUDY <FINAL REPORT, FEB. 1, 1961 - JUNE 15, 1962<	1963
19630032435	CHANGES IN THE HEARING OF PERSONNEL EXPOSED TO HIGH INTENSITY CONTINUOUS NOISE	1963
19630032436	ANODIZED ALUMINUM COATINGS FOR TEMPERATURE CONTROL OF SPACE VEHICLES <FINAL REPORT, AUG. 1, 1961 - SEPT. 1, 1962<	1963
19630032437	NUMERICAL APPROXIMATION METHOD FOR FLEXIBLE FLIGHT VEHICLE TRANSFER FUNCTION FACTORS <FINAL REPORT, FEB. 1, 1961 - MAR. 15, 1962<	1963
19630032438	MILLIMETER WAVE TECHNIQUES AND EXPERIMENTS BASED ON QUASIOPTICAL PRINCIPLES TECHNICAL REPORT <FEB. 1961 - SEPT. 1962<	1963
19630032439	INVESTIGATION OF NEW METHODS OF DESIGNING MULTILAYER FILTERS HAVING SPECIFIED TRANSMISSION OR REFLECTANCE AS A FUNCTION OF WAVELENGTH SEMI-ANNUAL REPORT COVERING THE PERIOD SEPT. 1, 1962 - FEB. 28, 1963	1963
19630032448	A TEMPERATURE MEASURING SYSTEM USING RDF STIKON RESISTANCE ELEMENTS	1963
19630032452	A PROBABILISTIC APPROACH FOR SCATTERING OF LIGHT IN SLAB GEOMETRY - 1	1963
19630032453	DEVELOPMENT OF NIOBIUM BASE ALLOYS <INTERIM REPORT, AUG. 1, 1960 - DEC. 31, 1961<	1963
19630032455	HANDLING QUALITIES REQUIREMENTS AS INFLUENCED BY PILOT EVALUATION TIME AND SAMPLE SIZE FINAL REPORT	1963
19630032456	RIFT. SIXTH MONTHLY TECHNICAL PROGRESS REPORT - DECEMBER JAN. 1963	1963
19630032462	EFFECT OF NUCLEAR RADIATION ON MATERIALS AT CRYOGENIC TEMPERATURES. QUARTERLY PROGRESS REPORT NO. 8, OCT. 1962 THROUGH DEC. 1962	1963
19630032471	A SEARCH FOR IONIZING RADIATION EFFECT ON WEB BUILDING ACTIVITIES OF THE SPIDER ARANEUS DIADEMATUS	1963
19630032478	PHYSICAL AND MECHANICAL PROPERTIES OF PRESSURE VESSEL MATERIALS FOR APPLICATION IN A CRYOGENIC ENVIRONMENT, PART II <FINAL REPORT, JUNE 1962 - FEB. 1963<	1963
19630032479	FUNCTIONAL EXTENSION OF THE HUMAN HANDS PROGRESS REPORT, APR. 1, 1962 - MAR. 31, 1963	1963
19630032481	PROPELLANT LUBRICATION PROPERTIES INVESTIGATION <FINAL SUMMARY REPORT OCT. 9, 1961 - JULY 30, 1962<	1963
19630032484	FLIGHT-INFORMATIONAL SENSORS, DISPLAY, AND SPACE CONTROL OF THE X-15 AIRPLANE FOR ATMOSPHERIC AND NEAR-SPACE FLIGHT MISSIONS	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032496	STUDY OF SONIC VELOCITY AND PENETRABILITY MEASUREMENTS OF ROCK DUST UNDER VACUUM CONDITIONS STATUS REPORT NO. 2, OCT. 25, 1962- JAN. 25, 1963	1963
19630032500	A CONTINUATION OF THE SYNTHESIS AND EVALUATION OF PYRAZINE DERIVATIVES FOR USE AS FUNCTIONAL FLUIDS IN HIGH TEMPERATURE AND OXIDATION ENVIRONMENTS <FINAL REPORT, SEPT. 1, 1961 - NOV. 31, 1962<	1963
19630032514	WEAPON SYSTEM 133A- PRODUCTION OF M56 SECOND-STAGE MINUTEMAN MOTORS	1963
19630032516	HYBRID PROPULSION RESEARCH PROGRAM	1963
19630032517	THERMAL PERFORMANCE TRADE-OFF OF SEVERAL MATERIALS FOR ADVANCED RE-ENTRY VEHICLES	1963
19630032520	WEAPON SYSTEM 133A- PRODUCTION OF M56A1 SECOND-STAGE MINUTEMAN MOTORS	1963
19630032521	WEAPON SYSTEM 133A- PRODUCTION OF M56 SECOND-STAGE MINUTEMAN MOTORS	1963
19630032528	F-1 Engine Monthly Progress Letter, March 1963	1963
19630032529	FEASIBILITY DEMONSTRATION OF STAGED-COMBUSTION USING O SUB 2 /H SUB 2 PROPELLANTS	1963
19630032536	<COLLECTION OF PAPERS PRESENTED AT< SYMPOSIUM ON FIBROUS MATERIALS, <DAYTON, OHIO, OCTOBER 16-17, 1962 FINAL REPORT<	1963
19630032537	AIR FORCE FIBROUS MATERIALS REQUIREMENTS	1963
19630032538	INVESTIGATION OF THIAZOLE POLYMERS FOR HEAT-RESISTANT FIBERS AND FILMS- I. SYNTHESSES AND PROPERTIES OF POLYMERS	1963
19630032539	INVESTIGATION OF THIAZOLE POLYMERS FOR HEAT-RESISTANT FIBERS AND FILMS- II. PREPARATION AND PROPERTIES OF FIBERS AND FILMS OF PARA-BIS /BROMOACETYL/ BENZENE-DITHIOADIPAMIDE POLYMER	1963
19630032540	AROMATIC POLYMERS FOR THERMALLY STABLE FIBERS AND FILMS. /I POLYBENZIMIDAZOLES. II/ POLY/1,3,4-OXADIAZOLES/	1963
19630032541	DETERIORATION OF FIBROUS MATERIALS BY ULTRAVIOLET LIGHT	1963
19630032542	HT-1 FIBROUS STRUCTURES	1963
19630032543	PROCESSING OF SUPERALLOY MULTIFILAMENT YARN	1963
19630032544	CONVERSION OF HIGH MODULUS MATERIALS INTO FLEXIBLE FABRIC STRUCTURES	1963
19630032545	HIGH STRENGTH GLASS FIBER TAPES AND WEBBINGS FOR HIGH TEMPERATURE PRESSURE PACKED DECELERATOR APPLICATIONS	1963
19630032546	DEVELOPMENT OF QUARTZ FIBER PARACHUTE MATERIALS	1963
19630032547	RIGIDIZABLE EXPANDABLE AEROSPACE STRUCTURES	1963
19630032548	NEW AND IMPROVED MATERIAL FOR EXPANDABLE STRUCTURES	1963
19630032550	FATIGUE PROPERTIES OF SOME ALUMINUM AND STAINLESS STEEL SANDWICH CONSTRUCTIONS FINAL REPORT	1963
19630032551	[No Title]	1963
19630032552	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II - TECHNICAL INFORMATION. SERIES I - SYSTEMS DESCRIPTION. VOLUME 4 - FLYAWAY- SECONDARY POWER <FINAL REPORT, APR. 4 - DEC. 31, 1962<	1963
19630032553	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II - TECHNICAL INFORMATION, SERIES I - SYSTEMS DESCRIPTION. VOLUME 8 - FLYAWAY- DEFENSIVE SUBSYSTEM <FINAL REPORT, APR. 4 - DEC. 31, 1962<	1963
19630032554	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II - TECHNICAL INFORMATION. SERIES II - PRELIMINARY PERFORMANCE REQUIREMENTS. VOLUME 8 - FLYAWAY- DEFENSIVE SUBSYSTEM <FINAL REPORT, APR. 4 - DEC. 31, 1962<	1963
19630032555	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II - TECHNICAL INFORMATION. SERIES I - SYSTEMS DESCRIPTION, VOLUME 9 - FLYAWAY- RECONNAISSANCE SUBSYSTEM <FINAL REPORT, APR. 4 - DEC. 31, 1962<	1963
19630032556	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II - TECHNICAL INFORMATION. SERIES II - PRELIMINARY PERFORMANCE REQUIREMENTS. VOLUME 9 - FLYAWAYRECONNAISSANCE SUBSYSTEM <FINAL REPORT, APR. 4 - DEC. 31, 1962<	1963
19630032557	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II - TECHNICAL INFORMATION. SERIES II - PRELIMINARY PERFORMANCE REQUIREMENTS. VOLUME 10 - FLYAWAY- FLIGHT TEST SUBSYSTEM <FINAL REPORT, APR. 4 - DEC. 31, 1962<	1963
19630032558	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II - TECHNICAL INFORMATION. SERIES III - ANALYSES AND TESTS. VOLUME 13 - EXPERIMENTAL NUCLEAR RADIATION EFFECTS RESULTS. FINAL REPORT, APR. 4 - DEC. 31, 1962	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032584	/NORTHERN IRELAND/ PLASMA OSCILLATIONS	1963
19630032589	FIRE-RESISTANT HIGH TEMPERATURE HYDRAULIC FLUIDS <FINAL TECHNICAL SUMMARY REPORT, NOV. 30, 1961 - NOV. 15, 1962<	1963
19630032598	THERMOGRAVIMETRY OF PLASTICS. PART I- EMPIRICAL HOMOGENEOUS KINETICS <FINAL REPORT, JAN. - MAY, 1962<	1963
19630032601	EVALUATION TEST METHODS FOR REFRACTORY METAL SHEET MATERIAL	1963
19630032603	C-BAND, WIDEBAND SOLID STATE AMPLIFIER FINAL TECHNICAL REPORT	1963
19630032604	PYROLYTIC GRAPHITE, ITS HIGH TEMPERATURE PROPERTIES <FINAL REPORT<	1963
19630032605	THE SOVIETS AND THE U-2 PHOTOS - AN HEURISTIC ARGUMENT	1963
19630032606	TEMPERATURE CONTROL OF MANNED SPACE STATIONS	1963
19630032607	T-37/J-69 ENGINE VIBRATION TESTS <FINAL REPORT, MAY 21, 1962 - OCT. 26, 1962<	1963
19630032611	NB-66B HIGH ALTITUDE GUST SURVEY, TECHNICAL ANALYSIS, VOLUME I <FINAL REPORT<	1963
19630032612	NV-66B HIGH ALTITUDE GUST SURVEY POWER SPECTRA, VOLUME II <FINAL REPORT<	1963
19630032613	NB-66B HIGH ALTITUDE GUST SURVEY TIME SERIES VOLUME III <FINAL REPORT<	1963
19630032615	DEVELOPMENT OF GAS-ENTRAINED POWER LUBRICANTS FOR HIGH-SPEED AND HIGH-TEMPERATURE OPERATION OF SPUR GEARS PROGRESS REPORT NO. 1 <JUNE 1 - SEPT. 30, 1962<	1963
19630032625	ATMOSPHERIC STRUCTURE AND COMPOSITION OBTAINED FROM DIRECT PROBING EXPERIMENTS	1963
19630032627	THERMAL CONDUCTIVITY REFERENCE STANDARDS COMPLEMENTARY REPORT TO BUSHIPS	1963
19630032632	AERODYNAMICS OF THE PARAWING	1963
19630032634	AUTOMATICALLY ERECTABLE MODULAR TORUS	1963
19630032635	SYNTHESIS OF NEW ABLATIVE PLASTICS FOR ROCKET NOZZLES FIRST QUARTERLY REPORT, 2 JAN. - 31 MAR. 1963	1963
19630032638	EFFECTS OF EXHAUST NOZZLE RECOMBINATION ON HYPERSONIC RAMJET PERFORMANCE. PART II. ANALYTICAL INVESTIGATION OF THE EFFECTS OF EXHAUST NOZZLE RECOMBINATION ON HYDROGEN-FUELED HYPERSONIC RAMJET PERFORMANCE	1963
19630032646	STUDY OF A LIQUID METAL NAK-77 FOR APPLICATION IN FLIGHT CONTROL SYSTEMS <INTERIM REPORT, FEB. 1, 1961 - MAR. 1, 1962<	1963
19630032661	RECENT FREE-FLIGHT BOUNDARY-SURFACE AERODYNAMIC NOISE MEASUREMENTS	1963
19630032662	VISCOUS AND BOUNDARY EFFECTS IN FLUID LINES	1963
19630032678	TECHNICAL PROBLEMS ASSOCIATED WITH COMMUNICATION SATELLITES QUARTERLY STATUS REPORT NO. 2, 1 NOV. 1962 THROUGH 31 JAN. 1963	1963
19630032683	PHOTOELECTRIC INFORMATION STORAGE INTERIM ENGINEERING REPORT NO. 3, DEC. 1, 1962-FEB. 28, 1963	1963
19630032689	PROGRAM FOR DETERMINING THE THERMAL ENVIRONMENT AND TEMPERATURE HISTORY OF ORBITING SPACE VEHICLES <FINAL REPORT<	1963
19630032697	A STUDY OF THE INFLUENCE OF HEAT TREATMENT ON MICROSTRUCTURE AND PROPERTIES OF REFRACTORY ALLOYS <FINAL REPORT JAN. 1 - DEC. 31, 1962<	1963
19630032701	FUNDAMENTAL STUDIES OF COMPRESSIBILITY OF POWDERS <FINAL REPORT, MAR. 1961 - DEC. 1962<	1963
19630032702	DEVELOPMENT OF HT-1 MATERIALS FOR PERSONNEL PARACHUTE PACKS AND HARNESSSES <FINAL REPORT, MAR. 1962 - MAR. 1963<	1963
19630032703	DEVELOPMENT OF HT-1 MATERIALS FOR DECELERATORS <FINAL REPORT, FEB. 1962 - JAN. 1963<	1963
19630032719	INTERNATIONAL UNIVERSITY FELLOWSHIPS IN SPACE SCIENCE SEMIANNUAL REPORT, 30 SEPT. 1962 TO 31 MAR. 1963	1963
19630032725	DYNAMICS AND STABILIZATION FOR MANNED SPACE STATIONS PETER R. KURZHALS AND	1963
19630032729	OBSERVATIONS ON METALLURGICAL BONDING BETWEEN PLASMA SPRAYED TUNGSTEN AND HOT TUNGSTEN SUBSTRATES	1963
19630032731	COMPOSITE MATERIALS IN ERECTABLE SPACE STRUCTURES - ECHO SATELLITES	1963
19630032739	RADIATION DOSES IN INTERPLANETARY FLIGHT	1963
19630032741	OPTIMAL AND MINIMAX SEQUENCES	1963
19630032744	EARTH-LANDING SYSTEMS FOR MANNED SPACECRAFT	1963
19630032745	SHOCK TUBE STUDY OF CARBON DIOXIDE DISSOCIATION RATE	1963
19630032751	SECONDARY-FLOW PHENOMENA IN STATOR-AND ROTOR-BLADE ROWS AND THEIR EFFECT ON TURBINE PERFORMANCE	1963
19630032752	STATUS OF UNITED STATES MANNED SPACE FLIGHT PROGRAMS	1963
19630032757	ASTRONAUTICS AND AERONAUTICS, MARCH 1963- CHRONOLOGY OF SCIENCE AND TECHNOLOGY IN THE EXPLORATION OF SPACE	1963
19630032761	RECENT RESEARCH IN BUCKLING OF CYLINDRICAL SHELLS	1963
19630032763	EFFECTS ON ARTERIAL OXYGEN SATURATION OF POSITIVE PRESSURE BREATHING DURING ACCELERATION	1963
19630032765	HEAT AGEING PROCESSES IN VITON ELASTOMERS	1963
19630032766	INFRARED TECHNOLOGY AND NONDESTRUCTIVE TESTING	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032774	RADIO SPECTRUM OF SH TECHNICAL REPORT	1963
19630032776	PROCESSING AND EVALUATION OF PRE-PRODUCTION QUANTITIES OF COLUMBIUM ALLOY SHEET INTERIM REPORT NO. 1, JAN. 24, 1963 THROUGH APR. 23, 1963	1963
19630032778	RESEARCH ON THIN FILM POLYCRYSTALLINE SOLAR CELLS QUARTERLY TECHNICAL PROGRESS REPORT NO. 2, JAN. 1, 1963 TO MAR. 31, 1963	1963
19630032779	RESEARCH ON THIN FILM POLYCRYSTALLINE SOLAR CELLS INTERIM SCIENTIFIC REPORT NO. 1, 1 SEPT. 1962 TO 31 DEC. 1962	1963
19630032781	MODIFICATION OF THE EXPERIMENTAL TRACK FIRING PROGRAMMER AND CONTROL SYSTEM <FINAL REPORT<	1963
19630032795	GEMINI- MERCURY EXPERIENCE APPLIED	1963
19630032800	AN EXPERIMENTAL PROGRAM FOR OBTAINING THE THERMODYNAMIC PROPERTIES PROPELLANT COMBUSTION PRODUCTS THIRD QUARTERLY TECHNICAL REPORT	1963
19630032801	BEHAVIOR OF ROCKET NOZZLE MATERIALS AT HIGH TEMPERATURES AND PRESSURES OF COMBUSTION PRODUCT GAS MIXTURES THIRD QUARTERLY TECHNICAL REPORT	1963
19630032805	THE RELATIVE THERMODYNAMIC PROPERTIES OF NICKEL-PALLADIUM SOLID SOLUTIONS	1963
19630032806	MANUFACTURING METHODS FOR HIGH TEMPERATURE COATING OF LARGE MOLYBDENUM PARTS INTERIM ENGINEERING PROGRESS REPORT, 1 FEB. 1963 - 30 APR. 1963	1963
19630032807	HIGH TEMPERATURE INORGANIC STRUCTURAL COMPOSITE MATERIALS <FINAL REPORT, DEC. 14, 1961 - DEC. 15, 1962<	1963
19630032808	ASDE BRIGHT DISPLAY STUDY <THIRD INTERIM MONTHLY REPORT APR. 1963	1963
19630032809	A STUDY OF SELECTED CONTROL-DISPLAY PROBLEMS FOR MANNED AEROSPACE VEHICLES <INTERIM REPORT, MAR. 1961 - MAR. 1962<	1963
19630032810	INTEGRATION AND OPTIMIZATION OF SPACE VEHICLE ENVIRONMENTAL CONTROL SYSTEMS <FINAL REPORT, APR. 1, 1961 - MAR. 31, 1962<	1963
19630032812	AN ESTIMATE OF THE EFFECT OF UNDERWING NACELLES ON THE AERODYNAMIC EFFICIENCY OF A SUPERSONIC TRANSPORT AIRCRAFT	1963
19630032815	DISPERSION-STRENGTHENED VANADIUM ALLOYS BIMONTHLY REPORT NO. 1, DEC. 14, 1962 - FEB. 13, 1963 14P	1963
19630032816	PILOT EVALUATION OF VANADIUM ALLOYS BIMONTHLY REPORT NO. 8, NOV. 18, 1962 - JAN. 17, 1963	1963
19630032817	HIGH-TEMPERATURE OXIDATION PROTECTIVE COATINGS FOR VANADIUMBASE ALLOYS BIMONTHLY REPORT NO. 3, JAN. 13, 1963 - MAR. 12, 1963	1963
19630032818	HIGH-TEMPERATURE OXIDATION PROTECTIVE COATINGS FOR VANADIUMBASE ALLOYS BIMONTHLY REPORT NO. 2, NOV. 13, 1962 - JAN. 12, 1963	1963
19630032828	CHEMICAL CORROSION OF ROCKET LINER MATERIALS AND PROPELLANT PERFORMANCE STUDIES THIRD QUARTERLY TECHNICAL SUMMARY REPORT	1963
19630032835	DEPOSITION FOR THE PRODUCTION OF STRUCTURE INTERIM PROGRESS REPORTS NOS. 5 AND 6, 1 AUG. 1962 THROUGH 1 FEB. 1963	1963
19630032836	DEVELOPMENT OF HIGH TEMPERATURE GREASE FOR HIGH SPEED BALL AND ROLLER BEARINGS <FINAL REPORT, FEB. 1, 1962-JAN. 31, 1963<	1963
19630032837	ATMOSPHERIC CONTROL SYSTEMS FOR SPACE VEHICLES	1963
19630032845	FLUIDS, LUBRICANTS, FUELS AND RELATED MATERIALS <PROGRESS REPORT, DEC. 15, 1961 - DEC. 14, 1962<	1963
19630032847	ACOUSTICAL ANALYSIS OF FILAMENT-WOUND POLARIS CHAMBERS BIMONTHLY PROGRESS REPORT NO. 4	1963
19630032848	A FUNDAMENTAL STUDY OF ROLLING CONTACT FATIGUE QUARTERLY PROGRESS REPORT NO. 7, NOV. 1, 1962 TO FEB. 1, 1963	1963
19630032849	A FUNDAMENTAL STUDY OF ROLLING CONTACT FATIGUE QUARTERLY PROGRESS REPORT NO. 6, AUG. 1, 1962 TO NOV. 1, 1962	1963
19630032851	EFFECT OF GLASS SURFACE CHEMISTRY ON WETTING, BOND STRENGTH AND BOND LIFE OF AN EPOXY RESIN MONTHLY PROGRESS REPORT NO. 11	1963
19630032854	EFFECT OF GLASS SURFACE CHEMISTRY ON WETTING, BOND STRENGTH AND BOND LIFE OF AN EPOXY RESIN MONTHLY PROGRESS REPORT NO. 10	1963
19630032858	INVESTIGATION OF ULTRASONIC WELDING OF REFRACTORY METALS AND ALLOYS BIMONTHLY PROGRESS REPORT NO. 3, 16 DEC. 1962 THROUGH 15 FEB. 1963	1963
19630032859	[No Title]	1963
19630032860	ACOUSTICAL ANALYSIS OF FILAMENT-WOUND POLARIS CHAMBERS BIMONTHLY PROGRESS REPORT NO. 3	1963
19630032872	INVESTIGATION OF ULTRASONIC WELDING OF REFRACTORY METALS AND ALLOYS. BIMONTHLY PROGRESS REPORT NO. 2, OCTOBER 16, 1962 - DECEMBER 16, 1962	1963
19630032880	INVESTIGATION OF WELDABILITY OF HOT-WORK TOOL STEELS AND A TITANIUM ALLOY <FINAL REPORT, MAY 1, 1961 - OCT. 1962<	1963
19630032882	MAGNETIC TAPE RECORDING AND REPRODUCING OF ATMOSPHERIC NOISE WITH A WIDE DYNAMIC RANGE	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032883	VERTICAL TEMPERATURE GRADIENTS IN THE FIRST 200 FEET OF THE ATMOSPHERE OF THE ARIZONA DESERT METEOROLOGICAL RESEARCH NOTES NO. 4	1963
19630032887	DEVELOPMENT OF IMPROVED PROCESSES FOR FILAMENT-WOUND REINFORCED PLASTIC STRUCTURES INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, 1 FEB. 1963 - 30 APR. 1963	1963
19630032889	AN EXPERIMENTAL ASSESSMENT OF THE STABILITY OF THE COURSE LINE OF AN I.L.S. LOCALISER GROUND EQUIPMENT	1963
19630032890	THE DESIGN OF VERY THICK AEROFOILS FOR MODERATELY HIGH SUBSONIC SPEEDS	1963
19630032892	FLUOROCARBON POLYMERS. DECAFLUORODIPHENYL ETHER AND RELATED POLYMERS	1963
19630032893	DEVELOPMENT OF FLEXIBLE POLYMERS AS THERMAL INSULATION IN SOLID-PROPELLANT ROCKET MOTORS QUARTERLY PROGRESS REPORT, JAN. 1 - MAR. 31, 1963	1963
19630032894	GLASS FIBER STRENGTH ENHANCEMENT THROUGH BUNDLE DRAWING OPERATIONS THIRD QUARTERLY REPORT <DEC. 7, 1962 - MAR. 7, 1963<	1963
19630032897	CDTE RESEARCH FOR SOLAR ENERGY CONVERSION APPLICATION <FINAL REPORT, MAY 15, 1961 - MAY 15, 1962<	1963
19630032898	COBALT-60 GAMMA RADIOLYSIS OF LIQUID DINITROGEN TETROXIDE	1963
19630032902	AF-994 - A SUPERIOR GLASS FIBER REINFORCEMENT FOR STRUCTURAL COMPOSITES <FINAL REPORT<	1963
19630032903	LIFT, PITCHING-MOMENT, AND ROLLING-MOMENT COEFFICIENTS ON PLANAR, TWISTED, AND CAMBERED WINGS AND FLAPS FOR A 70 DEG DELTA WING. PART III - HYPERSONIC FLOW <THIRD INTERIM REPORT, JUNE 1960 - FEB. 1963<	1963
19630032904	FLIGHT TEST EVALUATION OF THE HU-IB HELICOPTER EQUIPPED WITH THE 2.75 AIRCRAFT INTERIM AREA ROCKET WEAPON SYSTEM	1963
19630032906	ANALYTICAL APPROXIMATIONS FOR STATIONARY CONICAL DETONATIONS AND DEFLAGRATIONS IN SUPERSONIC FLOW	1963
19630032907	COMMUNICATIONS <FINAL REPORT, MAY 1960 - APR. 23, 1962<	1963
19630032909	FLUOROCARBON POLYMERS. HIGH TEMPERATURE REACTIONS OF HEXAFLUOROBENZENE	1963
19630032911	DEVELOPMENT OF A PHOTOTHERMOTROPIC DEVICE. QUARTERLY REPORT NO. 2, FEB. 28 - MAY 31, 1962	1963
19630032912	DEVELOPMENT OF A PHOTOTHERMOTROPIC DEVICE. QUARTERLY REPORT NO. 3, JUNE 1 - AUG. 31, 1962	1963
19630032915	HIGH TEMPERATURE DIELECTRIC MEASUREMENTS AT MICROWAVE FREQUENCIES	1963
19630032916	PUBLICATIONS OF THE LOGISTICS DEPARTMENT	1963
19630032919	LONG TERM RADIO PROPAGATION PREDICTIONS FOR UNITED STATES-INFORMATION AGENCY - VOICE OF AMERICA BROADCAST COVERAGE	1963
19630032921	DISPERSION STRENGTHENED NICKEL-BASE ALLOYS PROGRESS REPORT NO. 1, MAR. 1 - APR. 30, 1963	1963
19630032923	EXPERIMENTAL RESEARCH- DYNAMIC TEST OF AN AIRCRAFT LITTER INSTALLATION	1963
19630032929	JUDGMENT OF VOLUME FROM PHOTOGRAPHS OF COMPLEX, IRREGULAR SHAPES	1963
19630032934	INVESTIGATIONS TO IMPROVE UHF TRANSISTOR STRUCTURES <FINAL REPORT, APR. 1961 - SEPT. 1962<	1963
19630032935	WEAPON SYSTEM 107A-2. SIXTH QUARTERLY PROGRAM PROGRESS REPORT, JAN. 1 - MAR. 31, 1963	1963
19630032936	THERMIONIC CONVERTER SURFACE CONDITIONS FIRST QUARTERLY TECHNICAL PROGRESS REPORT, 15, FEB. 1963 - 30 APR. 1963	1963
19630032937	TABLES OF THERMOPHYSICAL PROPERTIES OF MATERIALS	1963
19630032941	TURBULENT AXISYMMETRIC WAKES OF SLIGHTLY BLUNTED CONICAL PELLETS AT FIRING RANGE VELOCITIES	1963
19630032943	MECHANICAL AND PHYSICAL PROPERTIES OF TZM MOLYBDENUM ALLOY SHEET AND OF TUNGSTEN SHEET SECOND PROGRESS REPORT, MAR. 1 THROUGH APR. 30, 1963	1963
19630032945	POTENTIAL OF FILAMENT WOUND COMPOSITES FINAL SUMMARY REPORT, MARCH 1, 1962 - FEBRUARY 28, 1963	1963
19630032949	EVALUATION OF RADAR SCAN CONVERTER TV MARKER HAND-OFF EQUIPMENT FINAL REPORT	1963
19630032950	FEASIBILITY STUDY OF MAGNETIC CORE COUNTING TECHNIQUE FOR VARIABLE TIME FUZING	1963
19630032951	EFFECTS OF GAMMA IRRADIATION ON THE PERFORMANCE OF A RUBY LASER	1963
19630032952	INVESTIGATION OF THE ELEVATED TEMPERATURE CHARACTERISTICS OF PLASTIC LAMINATES FINAL REPORT	1963
19630032953	DISPERSION-STRENGTHENED VANADIUM ALLOYS BIMONTHLY REPORT NO. 2, FEB. 14 - APR. 13, 1963	1963
19630032954	OAK RIDGE NATIONAL LABORATORY STATUS AND PROGRESS REPORT, APRIL 1963	1963
19630032959	TUNGSTEN AND ROCKET MOTORS PROGRESS REPORT FEB. 1 - APR. 30, 1963	1963
19630032961	BOEING-VERTOL HRB-1 PLANNING AND PROGRESS REPORT	1963
19630032962	ELECTRODEPOSITION OF EROSION AND OXIDATION RESISTANT COATINGS FOR GRAPHITE FINAL SUMMARY REPORT <APR. 17, 1962 - FEB. 16, 1963<	1963
19630032972	PHOTOGRAPHIC APPEARANCE OF VENUS AT THE TIME OF MARINER II ENCOUNTER	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630032977	LOW-FREQUENCY COMBUSTION INSTABILITY OF SOLID ROCKET PROPELLANTS TECHNICAL PROGRESS REPORT, 1 SEPT. 1962 - 1 MAY 1963	1963
19630032978	A METHOD FOR COMPUTING THE INTERACTION OF TWO SPHERICAL BLAST WAVES	1963
19630032979	STUDY OF EFFECTS OF IMPURITIES ON THE MECHANICAL PROPERTIES OF NIOBIUM QUARTERLY PROGRESS REPORT NO. 3, JAN. 1, 1963 THROUGH MAR. 31, 1963	1963
19630032983	FARADAY ROTATION NEAR THE TRANSVERSE REGION OF THE IONOSPHERE	1963
19630032985	OPTICAL GENERATOR PROGRAM FINAL REPORT	1963
19630032986	ENVIRONMENTAL CONTROL SYSTEM STUDY MANNED ORBITAL SPACE STATION NORTH AMERICAN AVIATION, INC. PROGRESS REPORT	1963
19630032989	A 1400 MC MAP OF THE M31 REGION SCIENTIFIC REPORT NO. 2	1963
19630032990	INVESTIGATION OF DRAG REDUCTION BY BOUNDARY-LAYER SUCTION ON A 72.5-DEG SWEEP WING AT M SUB INFINITY EQUALS 2 AND 2.25	1963
19630032991	A METHOD FOR THE COLLECTION, STORAGE, AND MONITORING ANALYSIS OF NATURAL SEA WATER	1963
19630032992	OPERATIONAL ASPECTS OF THE AIR FORCE FLIGHT TEST CENTER'S BAKERNUNN SATELLITE TRACKING STATION	1963
19630032997	WELDING OF REFRACTORY METALS SECOND INTERIM <QUARTERLY PROGRESS< REPORT, JAN. 1, 1963 TO MAR. 31, 1963	1963
19630032999	VLF DETECTION OF NUCLEAR DETONATIONS IN SPACE <PARTIAL FINAL REPORT SUMMARY, JULY 1960 - AUG. 1961<	1963
19630033001	VISCOELASTIC PROPERTIES OF SOLID PROPELLANTS AND PROPELLANT BINDERS. QUARTERLY TECHNICAL SUMMARY REPORT NO. 6, OCT. - DEC. 31, 1962	1963
19630033003	A STUDY OF FUNDAMENTAL MECHANICAL PROPERTIES OF CERAMIC SINGLE CRYSTALS FIRST BI-MONTHLY PROGRESS REPORT, JAN. 14 THROUGH MAR. 14, 1963	1963
19630033007	DEMONSTRATION DATA REPORT FOR MODEL T-2B /T2J-2/ AIRPLANES, NAA MODEL NO. NA 280	1963
19630033009	EVALUATION OF MOLYBDENUM METAL PRODUCED BY THE TIN REDUCTION OF MOLYBDENUM DISULPHIDE PROCESS QUARTERLY REPORT NO. 3, 13, OCT. 1962 - 13 JAN. 1963	1963
19630033011	DEEP DRAWN AUSFORMING DEVELOPMENT PROGRAM. 12 INCH DIAMETER ROCKET MOTOR CHAMBERS GENERAL REPORT NO. 5	1963
19630033013	THERMAL PROFILES OF THE DELTA PAYLOAD FAIRINGS	1963
19630033014	CREW SEAT DESIGN CRITERIA FOR ARMY AIRCRAFT	1963
19630033015	EVALUATION OF SOLID PROPELLANTS AND SOLID-PROPELLANT SYSTEMS FOR SPACE APPLICATION INTERIM REPORT	1963
19630033017	FLIGHT REPORT FOR VEHICLE S/N 355/20001/20002 DELTA PROGRAM MISSION NO. 15 SPACECRAFT-RELAY A-15	1963
19630033020	TUNGSTEN AND ROCKET MOTORS PROGRESS REPORT, NOV. 1 TO JAN. 31, 1963	1963
19630033021	TRANSDUCER POWER OUTPUT OBTAINED FROM NEAR-FIELD PRESSURE AMPLITUDE AND PHASE MEASUREMENTS	1963
19630033023	WELDING OF REFRACTORY METALS INTERIM <QUARTERLY PROGRESS< REPORT NO. 1, OCT. 1 - DEC. 30, 1962	1963
19630033024	LOW-POWER, LOW-SPEED DATA STORAGE AND PROCESSING TECHNIQUES FOURTH AND FIFTH <QUARTERLY< PROGRESS REPORT, MAR. 1 - AUG. 31, 1962	1963
19630033025	LOW-POWER, LOW-SPEED DATA STORAGE AND PROCESSING TECHNIQUES SIXTH AND SEVENTH <QUARTERLY< PROGRESS REPORT, SEPT. 1, 1962 - FEB. 28, 1963	1963
19630033031	CATALOG OF LUNAR CRATERS II RESEARCH REPORT NO. 5	1963
19630033033	STIGMATIC SPECTROGRAPH STUDY QUARTERLY PROGRESS REPORT NO. 9, JAN. 1, 1963 - APR. 1, 1963	1963
19630033034	SEMIANNUAL STATUS REPORT NO. 8, OCTOBER 1962 TO APRIL 1963 <HIGH-TEMPERATURE TRANSPORT PROPERTIES, RELAXATION EFFECTS IN TRANSPORT PHENOMENA, SCATTERING PHENOMENA<	1963
19630033035	CHARGED PARTICLE OBSERVATIONS IN THE EARTH'S OUTER MAGNETOSPHERE	1963
19630033037	A STUDY OF THE METEOROLOGY OF MARS AND VENUS. QUARTERLY PROGRESS REPORT NO. 1, FEB. 5, 1963 - APR. 5, 1963	1963
19630033038	WAVE FUNCTIONS AND TRANSITION PROBABILITIES FOR LIGHT ATOMS AND HIGHLY IONIZED ION SEMIANNUAL STATUS REPORT NO. 1, SEPT. 1, 1962 - FEB. 28, 1963	1963
19630033042	RESEARCH ON SPUTTERING PHENOMENA, SURFACE STABILITY AND VOLTAGE BREAKDOWN FOR ALKALI-COATED REFRACTORY ELECTRODES QUARTERLY REPORT NO. 3, NOV. 1, 1962 - JAN. 31, 1963	1963
19630033044	ELECTRODELESS MHD GENERATOR RESEARCH. PART II- LABORATORY FACILITY AND EXPERIMENTAL RESULTS <FINAL REPORT, APR. 26, 1961 - JAN. 31, 1963<	1963
19630033048	CERAMIC-METAL SEALS FOR HIGH-POWER TUBES FINAL TECHNICAL REPORT, 10 APR. 1961 THROUGH 31 OCT. 1962	1963
19630033052	GAS TURBINE AND JET ENGINE FUELS PROGRESS REPORT NO. 4, NOV. 1962	1963
19630033053	GAS TURBINE AND JET ENGINE FUELS PROGRESS REPORT NO. 5, FEB. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033059	THE INVESTIGATION OF EXOTHERMIC BRAZING OF REFRACTORY ALLOYS QUARTERLY REPORT NO. 1, NOV. 1 - JAN. 31, 1963	1963
19630033065	MAGNETIC EFFECTS IN SOLIDS FINAL REPORT, JUNE 1, 1960 - JUNE 1, 1963	1963
19630033066	AN INVESTIGATION OF REMOTE LUNAR ANALYSIS BY LUNAR ACTIVATION ANALYSIS ANNUAL REPORT, MAY 1, 1962 - APRIL 30, 1963	1963
19630033072	EXPERIMENTAL INVESTIGATION TO DETERMINE THE INFLUENCE OF AIRFRAME GEOMETRY IN ALLEVIATION OF OPERATIONAL PROBLEMS DUE TO DOWNWASH EFFECTS ON VTOL AIRCRAFT <MONTHLY< PROGRESS REPORT, MARCH 1963	1963
19630033076	FABRICATION OF PROTOTYPE ROCKET MOTOR CASE BY CRYOGENIC STRETCH-FORMING QUARTERLY REPORT NO. 3, DEC. 1, 1962 - FEB. 28, 1963	1963
19630033078	EXPERIMENTAL INVESTIGATION TO DETERMINE THE INFLUENCE OF AIRFRAME GEOMETRY IN ALLEVIATION OF OPERATIONAL PROBLEMS DUE TO DOWNWASH EFFECTS ON VTOL AIRCRAFT <MONTHLY PROGRESS REPORT, JANUARY 1963	1963
19630033079	EXPERIMENTAL INVESTIGATION TO DETERMINE THE INFLUENCE OF AIRFRAME GEOMETRY IN ALLEVIATION OF OPERATIONAL PROBLEMS DUE TO DOWNWASH EFFECTS ON VTOL AIRCRAFT <MONTHLY< PROGRESS REPORT APRIL 1963	1963
19630033080	PILOT PRODUCTION AND EVALUATION OF TANTALUM ALLOY SHEET QUARTERLY REPORT NO. 3, OCT. 16, 1962 TO JAN. 16, 1963	1963
19630033081	QUARTERLY INDEX OF BIWEEKLY FLIGHT TEST SUMMARY REPORTS THROUGH REPORT NO. NA 58H-210-210, MODEL A-5A /A3J-1/ AIRPLANE NAA MODEL NO. NA-247	1963
19630033082	XH-51A SUMMARY REPORT, FEBRUARY 2, 1963 - FEBRUARY 8, 1963	1963
19630033083	HIGH STRENGTH GLASS FIBERS DEVELOPMENT PROGRAM FOURTH BIMONTHLY PROGRESS REPORT	1963
19630033086	XV-5A LIFT FAN FLIGHT RESEARCH AIRCRAFT QUARTERLY TECHNICAL PROGRESS REPORT NO. 5, DEC. 15, 1962 - MAR. 15, 1963	1963
19630033087	DESIGN OF NULLS IN ANTENNA FRESNEL ZONES FOR POSSIBLE RFI REDUCTION APPLICATIONS	1963
19630033089	ALTITUDE PRE-QUALIFICATION TESTING OF THREE MINUTEMAN TUMBLE AND SIX MINUTEMAN RETRO ROCKET MOTORS	1963
19630033094	SIMULATED ALTITUDE TESTING OF HPC-ABL X-258 B-1 <S/N RH-45< SOLID-PROPELLANT ROCKET MOTOR	1963
19630033099	SUPERSONIC WIND TUNNEL FLUTTER MODEL TESTS INCLUDING FREE-FLIGHT DATA FROM ADMITTANCE MEASUREMENTS	1963
19630033104	RESEARCH AND DEVELOPMENT ON LIGHT METAL HYDRIDE-2	1963
19630033105	ULTRA HIGH POWER AMPLITRON	1963
19630033107	PHASE II FEASIBILITY STUDY OF IMPULSE PUMPING SYSTEMS	1963
19630033110	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II - TECHNICAL INFORMATION, SERIES I - SYSTEMS DESCRIPTION. VOLUME 10 - FLYAWAY- FLIGHT TEST SUBSYSTEM	1963
19630033111	[No Title]	1963
19630033113	REACTION JET CONTROLS ON A CONFIGURATION OF THE X-20 GLIDE VEHICLE /MODEL AD3661-2/ AT MACH NUMBERS 2, 4, AND 6	1963
19630033114	RESEARCH ON HIGH ENERGY FUELS FOR USE IN ADVANCED SOLID ROCKET PROPELLANTS	1963
19630033116	AIR LAUNCHED HYPERSONIC ROCKET VEHICLES, FEASIBILITY AND PRELIMINARY DESIGN STUDY. PART II- THE PRELIMINARY DESIGN OF TWO AIR LAUNCHED HYPERSONIC VEHICLES	1963
19630033123	HIGH POWER X-BAND GENERATOR TECHNICAL PROGRESS REPORT NO. 1, JULY 1, 1962 TO DEC. 31, 1962	1963
19630033124	NEW METHODS FOR SYNTHESIS OF NONUNIFORMLY SPACED ANTENNA ARRAYS	1963
19630033125	IMPROVED GREEN, RED, YELLOW AND VIOLET SMOKE COMPOSITIONS FOR ROCKET-TYPE PARACHUTE GROUND SIGNALS	1963
19630033127	IMPACT AT INTERMEDIATE VELOCITIES INVOLVING CONTACT PHENOMENA	1963
19630033128	MAINTAINABILITY TECHNIQUE STUDY, PHASE V FINAL TECHNICAL REPORT	1963
19630033129	MAINTAINABILITY ENGINEERING	1963
19630033130	DEVELOPMENT OF NON-VACUUM ELECTRON BEAM WELDING FINAL TECHNICAL ENGINEERING REPORT, 15 OCT. - 15 FEB. 1963	1963
19630033131	CRITERIA FOR DISCARD-AT-FAILURE MAINTENANCE FINAL REPORT	1963
19630033132	FOURIER EXPANSIONS IN THE COMPUTATION OF MAGNETIC FIELDS	1963
19630033133	DETERMINATION OF THE RANGE PERFORMANCE OF A GAS TURBINE ENGINED HELICOPTER FROM FLIGHT TEST RESULTS	1963
19630033136	FERROCENE POLYMERS. PART IV. ANHYDRIDES OF FERROCENE 1, 1'-DICARBOXYLIC ACID	1963
19630033137	POWER SPECTRA OF THE VERTICAL COMPONENT OF ATMOSPHERIC TURBULENCE OBTAINED FROM CONCURRENT MEASUREMENTS ON AN AIRCRAFT AND AT FIXED POINTS	1963
19630033142	BIBLIOGRAPHY OF RESEARCH AND DEVELOPMENT REPORTS ON THE CENTAUR PROGRAM FOR PERIOD 1958 - 1962	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033143	INTERACTION EFFECTS PRODUCED BY A SONIC JET EXHAUSTING FROM A CURVED TWO-DIMENSIONAL PLATE IN A SUPERSONIC STREAM	1963
19630033144	LABORATORY INVESTIGATION OF THE BASIC NATURE OF LOW DENSITY GAS FLOW AT HIGH SPEEDS QUARTERLY PROGRESS REPORT, OCT. 15, 1962 - JAN. 15, 1963	1963
19630033147	INVESTIGATION OF THE EXISTENCE OF OXYANIONS OF FLUORINE AND NITROGEN AND THE NITROGEN-FLUORINE CATIONS QUARTERLY TECHNICAL SUMMARY REPORT, JAN. 28 - APR. 28, 1963	1963
19630033149	DETERMINATION OF THE EVEN HARMONICS IN THE EARTH'S GRAVITATIONAL POTENTIAL	1963
19630033151	THE DEVELOPMENT AND EVALUATION OF TUNGSTEN-BASE ALLOYS FOURTH QUARTERLY REPORT, 15 DEC. 1962-15 MAR. 1963	1963
19630033157	PREPARATION OF HIGH ENERGY STORABLE PROPELLANTS	1963
19630033160	WEAPON SYSTEM 133A- M55 AND M55A1 PRODUCTION MOTORS	1963
19630033163	NUCLEAR AUXILIARY POWER UNIT DEVELOPMENT - SNAP 2	1963
19630033166	PRODUCTION OF SOLID OXIDIZER OF PARTICULAR SIZE AND SHAPE	1963
19630033168	HYPERVELOCITY WEAPON FEASIBILITY STUDY	1963
19630033171	[No Title]	1963
19630033173	DEVELOPMENT OF THE DIGITAL ADAPTIVE FILTER TECHNIQUE	1963
19630033174	AN EXPERIMENTAL INVESTIGATION OF HYPERSONIC AERODYNAMIC HEATING ON HIGHLY SWEEPED DELTA WING CONFIGURATIONS	1963
19630033177	EXPERIMENTAL DETERMINATION OF TRANSPORT PROPERTIES OF HIGH TEMPERATURE GASES SECOND QUARTERLY PROGRESS REPORT	1963
19630033186	EVALUATION OF AN EXPERIMENTAL MODEL OF THE DIGITAL-TO-ANALOG CONVERTER SET AN/FYQ-12<XN-1<	1963
19630033187	DEVELOPMENT AND TESTING OF ELECTROLYTE MATRIX COMBINATIONS FOR MERCURY-POTASSIUM FUEL CELL FIRST QUARTERLY TECHNICAL PROGRESS REPORT, 12 DEC. 1962 - 12 MAR. 1963	1963
19630033189	RECOMMENDED RESEARCH PROGRAMS FOR ROLLING <THIRD PROGRESS REPORT<	1963
19630033191	PHYSIOLOGICAL AND PSYCHOLOGICAL EFFECTS OF SPACE FLIGHT- A BIBLIOGRAPHY <JANUARY 1952 - NOVEMBER 1962<. VOLUME IIWEIGHTLESSNESS AND SUBGRAVITY	1963
19630033196	POWER HARMONIC GENERATORS <FINAL REPORT, APR. 1960 - MAR. 1962<	1963
19630033197	DIFFUSION BONDED HONEYCOMB SANDWICH PANELS INTERIM ENGINEERING PROGRESS REPORT, 27 JAN. 1963 - 27 APR. 1963	1963
19630033198	PROPERTIES REQUIRED FOR COLLECTOR SURFACES OF SOLAR-POWERED THERMAL SYSTEMS <FINAL REPORT, JAN. 1, 1961 - JUNE 30, 1962<	1963
19630033200	CRITERIA FOR STANDARD OSCILLOGRAPHIC DATA DISPLAY FORMAT	1963
19630033206	KINETIC THEORY APPROACH TO THE STUDY OF FLOW FIELDS IN THE RAREFIED REGION /TASK 3.1 - FLOW-FIELD ANALYSIS - REST PROJECT/	1963
19630033207	A SOLID STATE CELESTIAL BODY SENSOR <FINAL REPORT, 2 JAN. 1962 - 2 NOV. 1962<	1963
19630033208	THERMOCHEMICAL EQUILIBRIUM STUDIES OF ABLATIVE HEAT-SHIELD MATERIALS /TASK 3.2 - REST PROJECT/	1963
19630033209	Test Facilities of the Manned Spacecraft Center	1963
19630033210	SPACE STATION CONFIGURATIONS AND DESIGN CONSIDERATIONS	1963
19630033218	Studies on the Origin of the Solar System	1963
19630033219	SATURN GROUND SUPPORT EQUIPMENT FACILITIES	1963
19630033223	WEAR AND FRICTION OF MECHANICAL CARBONS IN LIQUID OXYGEN AS INFLUENCED BY TRANSFER FILMS	1963
19630033224	DECOMPOSITION KINETICS OF SOME SOLID LUBRICANTS DETERMINED BY ELEVATED-TEMPERATURE X-RAY DIFFRACTION TECHNIQUES	1963
19630033236	RFI REDUCTION BY CONTROL OF ANTENNA SIDELOBES	1963
19630033237	ANALYTICAL AND EXPERIMENTAL INVESTIGATIONS OF THE FRACTURE MECHANISMS OF CONTROLLED POLYPHASE ALLOYS QUARTERLY PROGRESS REPORT NO. 2, JAN. 30, 1963 THROUGH APR. 29, 1963	1963
19630033240	LITERATURE STUDY OF RADIATION EFFECTS ON ELECTRON DEVICES FINAL REPORT NO. 2, 1 DEC. 1961 THROUGH 30 NOV. 1962	1963
19630033243	SOLID PROPELLANT GRAIN CORE MANDRELS FINAL TECHNICAL ENGINEERING REPORT, 1 NOV. 1961 - 15 MAR. 1963	1963
19630033244	FLIGHT MEASUREMENTS OF THE LIFT AND DRAG OF A 40 DEG SWEEP WING AIRCRAFT /MODIFIED HUNTER MK.1/ WITH BLOWING OVER PLAIN TRAILING EDGE FLAPS	1963
19630033245	RESEARCH ON A DIGITAL FLIGHT CONTROL SYSTEM ELECTRO-HYDRAULIC SERVO CONTROL VALVE <FINAL REPORT, APR. 1961 - MAR. 1962<	1963
19630033247	EPITAXIAL FILM GROWTH INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT NO. 1, 10 SEPT. 1962 - 10 DEC. 1962	1963
19630033251	BIOLOGICAL EFFECTS OF PROLONGED EXPOSURE OF SMALL MAMMALS TO CLOSED GASEOUS ENVIRONMENT SEMI-ANNUAL REPORT 1 SEPT. 1962 - 28 FEB. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033252	SHOCK-INDUCED COMBUSTION WITH OBLIQUE SHOCKS, COMPARISON OF EXPERIMENT AND KINETIC CALCULATIONS	1963
19630033254	SPACE STATION MISSIONS, OBJECTIVES, APPLICATIONS, AND CAPABILITIES	1963
19630033258	INVESTIGATION OF FRACTURE TOUGHNESS IN HIGH-STRENGTH ALLOYS. PROGRESS REPORT NO. 8, 15 FEB. 1963 - 15 MAY 1963	1963
19630033262	DELTA 17, S6 FLIGHT TEST REPORT	1963
19630033263	SOME EXPLORATORY PRESSURE MEASUREMENTS ON A BLUNT PLATE WITH A NON-EQUILIBRIUM FLOW FIELD	1963
19630033268	APOLLO GUIDANCE AND NAVIGATION- ALIGNMENT ERRORS OF THE IMU STABLE MEMBER	1963
19630033269	THE POTENTIAL PERFORMANCE OF THE SUPERSONIC COMBUSTION RAMJET ENGINE	1963
19630033270	INFORMATION PROCESSING IN COMMAND AND CONTROL IN LIMITED WAR	1963
19630033276	DEVELOPMENT OF AN IMPROVED DUAL-THRUST ROCKET MOTOR FOR THE TARTAR MISSILE	1963
19630033278	RIFT /U/ /SEVENTH/ MONTHLY PROGRESS REPORT	1963
19630033280	AN ANALYSIS OF FUTURE LARGE LAUNCHING SYSTEMS	1963
19630033290	DEVELOPMENT OF REFRACTORY MATERIALS FOR ROCKET NOZZLES AND VANES TENTH QUARTERLY REPORT, DEC. 1, 1962 - FEB. 28, 1963	1963
19630033291	COMMERCIAL SUPERSONIC TRANSPORT PROGRAM. PROPULSION COMPONENT PROGRAM. THIRD QUARTERLY TECHNICAL SUMMARY REPORT MAR. 31, 1963	1963
19630033296	Study of Solid Propellant Systems for Space Propulsion	1963
19630033299	EVALUATION OF THE EFFECTS UPON THE TRANSMISSION FROM THE EXHAUST PRODUCTS OF PROPELLANTS FOR SHILLELAGH GAS GENERATOR /MAY 1962 TO NOVEMBER 1962/	1963
19630033300	WEAPON SYSTEM 133B- DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE	1963
19630033302	NONEQUILIBRIUM COMBUSTION	1963
19630033303	EVALUATION OF PERFORMANCE OF PROPELLANTS FOR THE MINUTEMAN ICBM USING TU-121 ROCKET MOTORS	1963
19630033310	POLARIS PROGRESS REPORT FOR JANUARY 1963	1963
19630033311	PROJECT HAWK. INTERIM TECHNICAL REPORT, OCT. - DEC. 1961	1963
19630033317	EXPERIMENTAL AERODYNAMIC INFLUENCE COEFFICIENTS FOR A 6 PERCENT-THICK 70 DEG DELTA WING. PART II - TRANSONIC FLOW	1963
19630033321	ALTITUDE TEST OF AN AEROJET WING I QUALITY ASSURANCE M-56 SECOND-STAGE MINUTEMAN MOTOR /MOTOR SERIAL NUMBER 44-PQA-6/	1963
19630033326	[No Title]	1963
19630033334	ADVANCED RESEARCH ON SOLID ROCKET PROPELLANTS. QUARTERLY PROGRESS REPORT, JAN. - MAR. 1963	1963
19630033335	INTERIM TECHNICAL PROGRESS REPORT, FEB. 1, 1963 TO APR. 30, 1963	1963
19630033342	TITANIUM TANKAGE PROGRAM. PHASE 1 - ADVANCED TANKAGE CONFIGURATION STUDY	1963
19630033345	TRANSIT. BIMONTHLY TECHNICAL PROGRESS REPORT, 1 JAN. - 28 FEB., 1963	1963
19630033346	RADAR TRAILS AND DISCRIMINATION	1963
19630033350	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. TECHNICAL INFORMATION, PART II. ANALYSES AND TESTS, SERIES III. FLIGHT TEST RANGE- LAUNCH BASE, VOLUME 16	1963
19630033351	ALTITUDE TEST OF AN AEROJET WING I QUALITY ASSURANCE M-56 SECOND-STAGE MINUTEMAN MOTOR /MOTOR SERIAL NUMBER 44-PQA-4/	1963
19630033352	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II - TECHNICAL INFORMATION. SERIES I - SYSTEMS DESCRIPTION. VOLUME 6 - FLYAWAY- BOOSTERS	1963
19630033353	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II - TECHNICAL INFORMATION. SERIES II - PRELIMINARY PERFORMANCE REQUIREMENTS. VOLUME 6 - FLYAWAY- BOOSTER	1963
19630033354	AIR LAUNCHED HYPERSONIC ROCKET VEHICLES, FEASIBILITY AND PRELIMINARY DESIGN STUDY PART I- FEASIBILITY STUDY	1963
19630033355	FRACTURE MECHANICS OF SOLID PROPELLANTS	1963
19630033359	EVALUATION OF ALUMINUM HYDRIDE	1963
19630033360	ALTITUDE TEST OF AN AEROJET WING I QUALITY ASSURANCE M-56 SECOND-STAGE MINUTEMAN MOTOR /MOTOR SERIAL NUMBER 44-PQA-5/	1963
19630033362	MODELS F-8D /F8U-2N/ AND F-8E /F8U-2NE/ AIRPLANES BI-WEEKLY FLIGHT TEST SUMMARY REPORT FOR THE PERIOD ENDING 15 DEC. 1962	1963
19630033363	ALTITUDE TEST OF A HERCULES WING I QUALITY ASSURANCE M-57 THIRDSTAGE MINUTEMAN MOTOR /MOTOR NUMBER QA-16/	1963
19630033365	FREQUENCY RESPONSE INVESTIGATION OF A SECONDARY LIQUID INJECTION THRUST VECTOR CONTROL SYSTEM	1963

Accession Number (DocID)	Title	Publication Year
19630033366	EVALUATION OF A POURABLE SLURRY FOR USE AS AN ARMOUR-PIERCING WARHEAD IN BULLPUP	1963
19630033367	BASE HEATING AND ROLLING MOMENT ON A SCALE MODEL THOR "FISHBOWL" CONFIGURATION LAUNCH VEHICLE AT MACH NUMBERS OF 0.41 TO 1.03	1963
19630033368	FUNDAMENTALS OF ABLATIVE ROCKET INSULATION	1963
19630033375	DEVELOPMENT OF A PHOTOTHERMOTROPIC DEVICE. FINAL REPORT, 1 DEC. 1961 - 30 NOV. 1962	1963
19630033376	ALTITUDE TEST OF THE DYNA SOAR ACCELERATION ROCKET MOTOR	1963
19630033383	WEAPON SYSTEM 133B- DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE	1963
19630033384	ALTITUDE TEST OF AN AEROJET WING II QUALIFICATION TEST XM-56E1 SECOND-STAGE MINUTEMAN MOTOR /MOTOR NUMBER 44QT-203/	1963
19630033389	HELICOPTER MODEL 186 PROGRESS REPORT, APR. 1 - MAY 1, 1963	1963
19630033390	HELICOPTER MODEL 186 PROGRESS REPORT II, DEC. 1, 1962 - JAN. 1, 1963	1963
19630033391	HELICOPTER MODEL 186 PROGRESS REPORT 12, JAN. 1 - FEB. 1, 1963	1963
19630033392	MODEL XH-51A, BUNO 151262 SUMMARY REPORT, JAN. 5 - 11, 1963	1963
19630033393	HELICOPTER XH-51A SUMMARY REPORT, MAR. 30, 1963 - APR. 12, 1963	1963
19630033394	HELICOPTER MODEL XH-51A	1963
19630033396	HELICOPTER MODEL XH-51A, BUNO 151262, <MODEL< XH-51A <BUNO< 151263	1963
19630033397	ADDITIONAL TESTING 600 HP INPUT, TAIL-ROTOR LOADING OF 40, 80, 100, 120 HP LOCKHEED HELICOPTER TRANSMISSION MODEL 186, S/N 103	1963
19630033398	MODEL XH-51A, BUNO 151262 SUMMARY REPORT, JAN. 19 - 25, 1963	1963
19630033399	HELICOPTER MODEL XH-51A SUMMARY REPORT, MAR. 16 - 29, 1963	1963
19630033400	HELICOPTER XH-51A SUMMARY REPORT, APR. 13, 1963 THROUGH APR. 26, 1963	1963
19630033401	HELICOPTER XH-51A SUMMARY REPORT, APR. 27, 1963 THROUGH MAY 10, 1963	1963
19630033405	BURBANK HELICOPTER MODEL 186 PROGRESS REPORT NO. 16, MAY 1 TO JUNE 1, 1963	1963
19630033406	MAGNETIC PARAMETRON LOGIC ELEMENTS. FOURTH QUARTERLY PROGRESS REPORT, 1 JAN. 1963 - 31 MAR. 1963	1963
19630033407	3.0-MILLIMETER WAVELENGTH DUPLEXER FOURTH QUARTERLY PROGRESS REPORT, 15 JAN. 1963 TO 15 APR. 1963	1963
19630033408	PRESSURE AND HEAT TRANSFER MEASUREMENT AT MACH 5 AND 8 FOR A FIN-FLAT PLATE MODEL. PART OF AN INVESTIGATION OF HYPERSONIC FLOW SEPARATION AND CONTROL CHARACTERISTICS	1963
19630033409	AN EXPEDITIOUS TECHNIQUE FOR TRAINING CHIMPANZEES ON A DRL OPERANT CONDITIONING SCHEDULE <INTERIM REPORT<	1963
19630033410	GLASS REINFORCEMENTS FOR FILAMENT WOUND COMPOSITES INTERIM ENGINEERING PROGRESS REPORT, FEB. 1963 THROUGH APR. 1963	1963
19630033412	DESIGN CRITERIA FOR LARGE ACCURATE SOLID-PROPELLANT STATIC-THRUST STANDS	1963
19630033417	NO TITLE	1963
19630033418	INTERFERENCE APPLIED RESEARCH DATA COLLECTION AND ANALYSIS. MODULATION AND DETECTION TECHNIQUES FOR INTERFERENCE SUPPRESSION FINAL REPORT	1963
19630033422	STUDY TO DETERMINE EFFECTS OF FISSION PRODUCT GAMMA RADIATION ON ELECTRONIC PARTS AND EQUIPMENT PROGRESS REPORT NO. 4, 1 DEC. 1962 TO 28 FEB. 1963	1963
19630033423	PREDICTING THERMAL HAZARDS IN PROPELLANTS UTILIZING COOK-OFF TECHNIQUES	1963
19630033425	THE ANTIDIURETIC PROPERTIES OF CHLOROTHIAZIDE IN DIABETES INSIPIDUS DOGS. II. POSSIBLE ROLE OF THE ADRENAL GLAND	1963
19630033426	ELEVATION OF THE THERMAL THRESHOLD BY EXPERIMENTALLY INDUCED LOCAL VASOCONSTRICTION	1963
19630033428	EFFECTS OF FERRIC NUCLEOTIDES ON MITOCHONDRIAL RESPIRATION	1963
19630033429	EVALUATION OF PROPOSED GEMINI ENVIRONMENTAL PROFILE- THE EFFECT OF SEQUENTIAL EXPOSURE TO ACCELERATION AND THE GASEOUS ENVIRONMENT OF THE SPACE CAPSULE UPON THE PHYSIOLOGIC ADAPTATION OF MAN	1963
19630033430	THIRTEENTH MATERIALS REVIEW, JULY 2, 1962 - JANUARY 5, 1963	1963
19630033434	EXPANSIONS OF INTEGRALS OF BESSEL FUNCTIONS OF LARGE ORDER	1963
19630033435	THE MISALIGNMENT PROBLEM IN AN ULTRASONIC AMPLIFIER STRUCTURE	1963
19630033436	ESTABLISHMENT OF MANUFACTURING METHODS FOR CROSS-FIELD AMPLIFIERS AT P-, S-, AND X-BANDS. INTERIM ENGINEERING PROGRESS REPORT, FEB. 1 - APR. 30, 1963	1963
19630033438	ANTHROPOMETRIC MEASUREMENTS OF HUMAN SLED SUBJECTS	1963
19630033442	NASA SYSTEM DESIGN AND RESEARCH BIMONTHLY PROGRESS REPORT, 1 FEB. 1963 - 31 MAR. 1963	1963
19630033443	INST. OF TECH., CAMBRIDGE AN OPTIMUM DEMODULATOR FOR POISSON PROCESSES- PHOTON SOURCE DETECTORS	1963
19630033444	AMINE SALTS	1963
19630033447	THE MEASURED RESPONSE OF AN AIRCRAFT TO THE VERTICAL VELOCITY COMPONENT OF ATMOSPHERIC TURBULENCE	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033449	PROJECT ROUGH ROAD ALPHA. TAKE-OFF AND LANDING CAPABILITIES OF C-130B, JC-130B, NC-130B/BLC/, C-123B, AND YC-123H AIRCRAFT ON OFF-RUNWAY /UNPREPARED/ SURFACES <FINAL REPORT<	1963
19630033450	CARBONIZED PLASTICS COMPOSITES FOR HYPERTHERMAL ENVIRONMENTS PART II, SYNTHESIS OF IMPROVED THERMALLY PROTECTIVE PLASTICS AND COMPOSITES <FINAL REPORT, MAR. 1962 - DEC. 1962<	1963
19630033452	Q-NUMBER COORDINATE TRANSFORMATIONS AND THE ORDERING PROBLEM IN GENERAL RELATIVITY	1963
19630033455	SOLAR ULTRAVIOLET RADIATION QUARTERLY STATUS REPORT NO. 6, 15 FEB. 1963 - 15 MAY 1963	1963
19630033456	AXISYMMETRIC LARGE DEFLECTIONS OF CIRCULAR PLATES WITH A CENTRAL HOLE <ANNUAL STATUS REPORT, 1 JUNE 1962 TO MAY 1963<	1963
19630033460	THE INVESTIGATION OF EXOTHERMIC BRAZING OF REFRACTORY ALLOYS QUARTERLY REPORT NO. 2, 1 FEB. 1963 THROUGH 30 APR. 1963 R. O. BENNING,	1963
19630033461	RIFT <NINTH< MONTHLY TECHNICAL PROGRESS REPORT, MARCH 1963	1963
19630033465	STRAIN AGING OF TANTALUM <FINAL REPORT, MAY 1, 1962 - DEC. 1, 1962<	1963
19630033466	A STUDY OF THE FEASIBILITY OF USING ARTIFICIAL NEURONS TO DEVELOP MORE RELIABLE FLIGHT CONTROL SYSTEMS <FINAL REPORT, APR. 1961 - JUNE 1962<	1963
19630033468	INVESTIGATION OF ZEOLITE MEMBRANE ELECTRLYTES FOR FUEL CELLS QUARTERLY PROGRESS REPORT FOR PERIOD ENDING 18 MAR. 1963	1963
19630033469	WHISTLER-MODE PROPAGATION DATA NO. 2	1963
19630033470	STUDY OF THE EFFECTS OF MECHANICAL DAMAGE ON THE PERFORMANCE OF FILAMENTAWOUND MOTOR CASES. INTERIM TECHNICAL PROGRESS REPORT NO. 1, 1 APR. THROUGH 31 MAY 1963	1963
19630033472	INTERACTION BETWEEN SOUND AND FLOW IN ACOUSTIC CAVITIES- MASS, MOMENTUM, AND ENERGY CONSIDERATIONS	1963
19630033473	METEOROLOGICAL DATA REPORT, AEROBEE AC 3.139 /AF-93/	1963
19630033475	THERMAL-MECHANICAL TREATMENTS APPLIED TO ULTRA HIGH STRENGTH BAINITES FIRST PROGRESS REPORT	1963
19630033477	THE USE OF STRAIN SOFTENING TO IMPROVE THE PROPERTIES OF REFRACTORY METALS QUARTERLY PROGRESS REPORT 3, DEC. 1, 1962 - FEB. 28, 1963	1963
19630033482	HEAT CAPACITY OF CRYSTALLINE POLYMERS AT LOW TEMPERATURES	1963
19630033483	PROPELLANT ACTUATED DEVICES. BI-MONTHLY PROGRESS REPORT, MAR. - APR. 1963	1963
19630033487	GLASS SURFACE CHEMISTRY FOR GLASS FIBER REINFORCED PLASTICS PROGRESS REPORT NO. 14, APR. 1 - APR. 30, 1963	1963
19630033488	FURTHER DEVELOPMENT OF DUCTILE TUNGSTEN-BASE SHEET ALLOY FIRST QUARTERLY PROGRESS REPORT, FEB. 8, 1963 - MAY 8, 1963	1963
19630033494	THE NASA SPACE PROGRAM (LECTURE TO THE AIR WAR COLLEGE)	1963
19630033496	AN ATTEMPT TO RECONCILE THE DYNAMICAL AND RADAR DETERMINATIONS OF THE ASTRONOMICAL UNIT	1963
19630033499	SATURN MONTHLY PROGRESS REPORT, JAN. 17 - FEB. 15, 1963	1963
19630033505	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II-- TECHNICAL INFORMATION. SERIES II - PRELIMINARY PERFORMANCE REQUIREMENTS. VOLUME 1.1 - GENERAL ELECTRONIC EQUIPMENT SPECIFICATION /NUCLEAR ENVIRONMENT/	1963
19630033507	AN INVESTIGATION OF ROCKET MOTOR HEAT TRANSFER TO A SURROUNDING SPACECRAFT STRUCTURE AT SIMULATED ALTITUDE CONDITIONS	1963
19630033508	[No Title]	1963
19630033516	DESIGN CRITERIA FOR ADVANCED PROPELLANT SYSTEMS	1963
19630033519	ARPA SOLID PROPELLANT RESEARCH PROGRAM	1963
19630033520	AN INVESTIGATION OF RAPID COMMUTATION TECHNIQUES	1963
19630033523	CHEMISTRY OF NITRO ALKENES- AN ANNOTATED BIBLIOGRAPHY	1963
19630033524	EVALUATION OF POLARIS A3 LEADING CANDIDATE PROPELLANTS FOR THEIR EXPLOSIVE BEHAVIOR	1963
19630033526	SIMULATED HIGH ALTITUDE EVALUATION OF A TE-375 SOLID-PROPELLANT ROCKET MOTOR FOR THE PROJECT SYNCOM MARK I SPACECRAFT /PHASE IIIQUALIFICATION TEST/	1963
19630033527	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. PART II. TECHNICAL INFORMATION. SERIES III-ANALYSES AND TESTS. VOLUME 17-FLIGHT TEST RANGEDOWN RANGE STATIONS	1963
19630033538	A REPORT OF THE BUMBLEBEE PROGRAM AND OTHER ACTIVITIES OF THE APPLIED PHYSICS LABORATORY AND ASSOCIATED ORGANIZATIONS	1963
19630033540	INORGANIC CHEMISTRY	1963
19630033541	DEVELOPMENT AND TESTING OF ADVANCED HIGH ENERGY SOLID PROPELLANT	1963
19630033542	ABL/QPR-43 RESEARCH AND ENGINEERING PROJECTS	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033544	INVESTIGATION OF NOZZLE-FAILURE MECHANISMS IN SOLID-PROPELLANT ROCKETS	1963
19630033545	EXTERNAL TEMPERATURE SURVEY OF A YJ93-GE-3 TURBOJET ENGINE EQUIPPED WITH AN RS-70 AIRCRAFT HEAT SHIELD	1963
19630033547	CRYOGENIC FLUID CAVITATION STUDY. FINAL REPORT, STATIC PHASE FINAL TECHNICAL REPORT, <JAN. 1, 1961 TO JAN. 15, 1963<	1963
19630033548	THE USE OF ROCK FILTERS TO ATTENUATE AIR SHOCKS FINAL REPORT	1963
19630033550	MEASUREMENTS OF SKIN-FRICTION USING SURFACE-PITOT TUBES IN FREE FLIGHT AT SUPERSONIC SPEEDS	1963
19630033551	FATIGUE STRENGTH AT ELEVATED TEMPERATURE OF L.65 ALUMINUM ALLOY NOTCHED AND LUG SPECIMENS	1963
19630033555	ACOUSTICAL ANALYSIS OF FILAMENT-WOUND POLARIS CHAMBERS BIMONTHLY PROGRESS REPORT NO. 5	1963
19630033556	FUNDAMENTAL RESEARCH ON ADVANCED OXIDIZERS QUARTERLY TECHNICAL REPORT NO. 2, MAR. - MAY 1963	1963
19630033557	A MEASUREMENT OF THE VISIBLE RADIATION FROM NYLON PROJECTILES	1963
19630033558	PROCEEDINGS OF THE THIRD MEETING <OF THE< TECHNICAL PANEL ON SOLID PROPELLANT COMBUSTION INSTABILITY	1963
19630033559	THE LARGE SOLID MOTOR PROGRAM	1963
19630033560	PROGRESS OF WORK AT SUMMERFIELD RESEARCH STATION AND THE UNIVERSITY OF SHEFFIELD, ENGLAND	1963
19630033561	PROC. OF THE THIRD MEETING <OF THE< TECH. PANEL ON SOLID PROPELLANT COMBUSTION INSTABILITY, APPLIED PHYSICS LAB., SILVER SPRING, MD., MAR. 4-5, 1963	1963
19630033562	EFFECT OF PROPELLANT VARIABLES ON RESPONSE FUNCTION	1963
19630033563	MECHANISM OF SUPPRESSION OF OSCILLATORY BURNING BY ALUMINUM ADDITIVES	1963
19630033564	ACOUSTIC WALL LOSS THEORY	1963
19630033565	THE EXPERIMENT AT BRL ON ACOUSTIC ADMITTANCE MEASUREMENTS OF BURNING PROPELLANT SURFACES	1963
19630033566	COMBUSTION IRREGULARITIES OF SOLID PROPELLANTS	1963
19630033567	EXPERIMENTS WITH A SOLID PROPELLANT ACOUSTIC OSCILLATOR	1963
19630033568	A REVIEW OF EXPERIMENTAL WORK ON ACOUSTIC INSTABILITY IN DOUBLE BASE PROPELLANTS FOR THE PERIOD MARCH 1, 1962 TO MARCH 1, 1963	1963
19630033569	DOUBLE-END BURNER EXPERIMENTS	1963
19630033570	PHYSICAL PROCESSES OF SOLID PROPELLANT COMBUSTION	1963
19630033571	ACOUSTIC ADMITTANCE MEASUREMENTS- REFLECTED-PULSE METHOD	1963
19630033572	EXPERIMENTS FOR THE MEASUREMENT OF THE ACOUSTIC IMPEDANCE OF A BURNING SOLID PROPELLANT	1963
19630033573	CARDE EXPERIMENTS ON NONLINEAR AXIAL COMBUSTION INSTABILITY	1963
19630033574	EXPERIMENTAL INVESTIGATIONS OF LOW FREQUENCY COMBUSTION INSTABILITY	1963
19630033575	PROGRESS REPORT ON SOLID PROPELLANT COMBUSTION INSTABILITY STUDY	1963
19630033576	LOW FREQUENCY /NON-ACOUSTIC/ INSTABILITY STUDIES FOR THE PERIOD MARCH 1, 1962 TO MARCH 1, 1963	1963
19630033577	EXPERIMENTS ON ACOUSTIC EROSIVITY EFFECTS ON PROPELLANT BURNING RATES	1963
19630033578	EFFECT OF ACOUSTIC ENVIRONMENT ON PROPELLANT BURNING RATE	1963
19630033579	SCALING LAWS FOR COMBUSTION INSTABILITY	1963
19630033580	DEPENDENCE OF ACOUSTIC LOSSES ON MOTOR DIMENSIONAL VARIABLES	1963
19630033581	AXIAL MODE INSTABILITY IN THE INTERMEDIATE FREQUENCY RANGE	1963
19630033582	SOME NOTES ON THE EXPERIMENTAL MEASUREMENT OF TRANSIENT COMBUSTION INSTABILITY PHENOMENA	1963
19630033583	RESPONSE OF PROPELLANTS TO DIFFERENT TYPES OF MECHANICAL EXCITATION	1963
19630033584	MEASUREMENT OF THE COMPLEX DYNAMIC SHEAR COMPLIANCE OF COMPOSITE SOLID PROPELLANTS	1963
19630033585	CURRENT WORK ON VISCOELASTIC PROPERTIES	1963
19630033586	DETERMINATION OF COMPLEX COMPLIANCE OF PROPELLANTS	1963
19630033587	THE EFFECT OF FLOW ON BURNING INSTABILITY	1963
19630033588	COMBUSTION INSTABILITY	1963
19630033589	ANALYTICAL INVESTIGATION OF THE BURNING MECHANISM OF SOLID ROCKET PROPELLANTS. FLUID DYNAMIC MODEL	1963
19630033591	BALLISTIC MISSILES OR FREE ROCKETS /QUES/ THE ARMY TAKES A SECOND LOOK AT INERTIAL GUIDANCE	1963
19630033594	CHEMICAL AND PROPELLANT PROCESSING	1963
19630033596	PROJECT HAWK. INTERIM TECHNICAL REPORT NO. 41, OCTOBER - DECEMBER 1962	1963
19630033598	MONOTROPIC SHELL THEORY	1963
19630033601	AERODYNAMIC CHARACTERISTICS OF THE CORVUS MISSILE IN THE FLOW FIELD OF THE A3D-2 AIRPLANE AT HIGH SUBSONIC SPEEDS	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033605	USE OF LA SUPER 140 AS RADIOTRACER IN /PRE-BUGGY/ CHEMICAL EXPLOSIONS. PREPARATION AND DETERMINATION OF ITS REACTION WITH ENVIRONMENTAL MATERIALS	1963
19630033608	CHEMICAL REACTIONS BETWEEN PROPELLANT GASES AND NOZZLE MATERIALS THIRD QUARTERLY PROGRESS REPORT FEB. 1 - APR. 30, 1963	1963
19630033609	THE FEASIBILITY OF UTILIZING THERMAL DETECTING DEVICES TO DETERMINE FATIGUE DAMAGE IN METALS	1963
19630033611	MANDRELS FOR FILAMENT WINDING FINAL TECHNICAL REPORT <5 JULY 1961 - 11 MAR. 1963<	1963
19630033612	NELIAC PROGRAMMING PRIMER FOR U-490	1963
19630033613	HIGH FREQUENCY LASER RESEARCH PROGRAM FINAL REPORT	1963
19630033615	PRELIMINARY RESULTS OF COSMIC DUST EXPERIMENT ON MARINER II	1963
19630033618	VEHICLE DESIGN RELATED TO SYSTEM CONSIDERATIONS FOR NUCLEAR ELECTRIC SPACECRAFT	1963
19630033619	LABORATORY INVESTIGATION OF THE BASIC NATURE OF LOW DENSITY GAS FLOW AT HIGH SPEEDS QUARTERLY PROGRESS REPORT, 15 JAN. 1963 - 15 APR. 1963	1963
19630033620	THAT CAN BE PROCESSED AT TEMPERATURES CONSIDERABLY LOWER THAN THEIR MAXIMUM USE TEMPERATURE QUARTERLY PROGRESS REPORT NO. 4, 1 JAN. 1963 - 1 APR. 1963	1963
19630033621	PROJECT DELTA, THIRD STAGE AND SPACECRAFT PREPARATION AT AMR	1963
19630033623	A TEST SET FOR DETERMINING THE COOK-OFF TEMPERATURES OF POWER CARTRIDGES	1963
19630033624	THE HYDRODYNAMIC RESEARCH FACILITIES OF THE NATIONAL RESEARCH COUNCIL	1963
19630033625	THE FO RADICAL AND HIGH PRESSURE REACTIONS OF N SUB 2 F SUB 2 FIRST QUARTERLY REPORT MAY 1963, FEB. 1 - MAY 1, 1963	1963
19630033627	CALIBRATION OF A SIX-FOOT AND A TWO-FOOT DIAMETER SHOCK TUBE	1963
19630033630	APPLIED RESEARCH ON A HIGH-POWER MILLIMETER-WAVE GENERATOR INTERIM ENGINEERING REPORT 8, MAR. 1-MAY 31, 1963	1963
19630033632	THEORETICAL INVESTIGATIONS ON MICROMETEORIC DUST PARTICLES	1963
19630033635	IMPROVEMENT OF INITIATOR FIRING MECHANISMS	1963
19630033637	LOW FREQUENCY NARROW BAND PASS ACTIVE FILTER	1963
19630033641	COORDINATE CONDITIONS AND CANONICAL FORMALISMS IN GRAVITATIONAL THEORY	1963
19630033644	REPORT OF SERVICE ACCEPTANCE TRIALS ON MODEL UH-2A /HU2K-1/ AIRCRAFT <FINAL REPORT<	1963
19630033645	SEASONAL VARIABILITY IN THE UPPER ATMOSPHERE	1963
19630033647	A STUDY OF ONE AND TWO ELECTRON CENTRAL FORCE PROBLEMS USING THE HYPERVIRIAL THEOREM	1963
19630033648	THE USE OF THE TRANSIENT "THIN-WALL" TECHNIQUE IN MEASURING HEAT TRANSFER RATES IN HYPERSONIC SEPARATED FLOWS	1963
19630033649	A TRANSLATING DEVICE FOR BINARY PUNCHED CARDS	1963
19630033650	USE OF A WIND TUNNEL TO DETERMINE THE PERFORMANCE OF SLENDER WINGS SUITABLE FOR A SUPERSONIC TRANSPORT AIRCRAFT	1963
19630033652	A COMPLEX AVOIDANCE SCHEDULE FOR STRESS AND DRUG RESEARCH WITH PRIMATES	1963
19630033653	DESCRIPTION OF A CONTROL SYSTEM FOR ROCKET-MOTOR MASS MEASUREMENT	1963
19630033654	A CLINICAL EVALUATION OF 14-DAY RESTRAINT STUDIES IN THE CHIMPANZEE	1963
19630033658	SATELLITE SITUATION SUMMARY REPORT, 15 JUNE 1963	1963
19630033659	STATUS REPORT NO. 3 <OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA<	1963
19630033660	NOTES ON A CONFERENCE ON STRUCTURAL PLASTICS, ADHESIVES, AND FILAMENT WOUND COMPOSITES HELD IN THE BILTMORE HOTEL, DAYTON, OHIO, DECEMBER, 11TH TO 13TH, 1962	1963
19630033667	APOLLO GUIDANCE AND NAVIGATION. SOME LUMINANCE VALUES FOR THE SUN, EARTH AND MOON	1963
19630033669	CONVERSION OF THE AN/PDR-TIB RADIAC TO A REMOTE AREA MONITOR	1963
19630033670	LABORATORY INVESTIGATION OF A CONSUMABLE CASTING MANDREL	1963
19630033671	INHIBITION OF URETHAN LUNG TUMOR INDUCTION IN MICE BY TOTAL-BODY X IRRADIATION	1963
19630033672	THE ROLE OF OXYGEN IN THE BRITTLE BEHAVIOR OF METALS NINTH PROGRESS REPORT, MAY 1, 1962 - APR. 1, 1963	1963
19630033675	THE ELASTIC BEHAVIOUR OF PEROXIDE CURED METHYL-VINYL SILICONE RUBBER	1963
19630033680	ULTRASONIC INSPECTION OF TUNGSTEN ROUND ROBIN BILLETS, PHASE III	1963
19630033681	A CORRELATION OF THE FOREBODY DRAG OF CYLINDERS WITH PLANE AND HEMISPHERICAL NOSES AT MACH NUMBERS FROM ZERO TO 2.5	1963
19630033683	CORROSION TESTS OF TWO MAGNESIUM CASTING ALLOYS CONTAINING SILVER, RARE EARTH METALS AND ZIRCONIUM	1963
19630033686	A HYDROMECHANICAL METHOD TO INCREASE THE EFFICIENCY OF ALGAL PHOTOSYNTHESIS	1963
19630033690	EVALUATION OF SOLID PROPELLANTS AND SOLID-PROPELLANT SYSTEMS FOR SPACE APPLICATION SEVENTH QUARTERLY RESEARCH REPORT	1963
19630033692	TRANSISTORIZED DC-TO-DC CONVERTERS EMPLOYING PIEZOELECTRIC TRANSFORMERS	1963
19630033693	THE INVESTIGATION OF THE GRAVITATIONAL FIELDS OF THE MOON AND PLANETS WITH ARTIFICIAL SATELLITES	1963
19630033694	THE LOAD-ENDURANCE RELATIONSHIP FOR A STATIC MANNUAL RESPONSE	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033697	A SURVEY OF THE P-T LOCI OF COMPRESSIBILITY /P-V-T/ DATA FOR HELIUM, HYDROGEN, NEON, NITROGEN, CARBON MONOXIDE AND OXYGEN AT LOW TEMPERATURES	1963
19630033704	THE DEVELOPMENT OF AN EXPLOSIVE DRIVEN, SHUTTER-TYPE, HIGH PRESSURE RELEASE	1963
19630033705	BIOSYNTHESIS FOR THE PRODUCTION OF FUELS IN AN OVERSEAS THEATER	1963
19630033707	RESEARCH ON HEAT AND MASS TRANSFER EFFECTS IN SLIDING METAL SYSTEMS LUBRICATED BY SOLID INTERFACIAL FILMS	1963
19630033708	RESULTS OF NASA-LVO SOUND PRESSURE LEVEL MEASUREMENTS DURING SA-3 LAUNCH	1963
19630033709	EVALUATION OF SOLID ROCKET MOTOR BALLISTIC PROPERTIES UNDER HIGH 'G' ENVIRONMENT	1963
19630033710	MULTI-STATION SOLUTION OF POSITION FROM DIRECTION FINDING INSTRUMENTS AND RADARS AND THE ANALYSIS OF THE INSTRUMENTAL ERRORS	1963
19630033711	ELECTRONICALLY TUNED RF SELECTIVITY PROJECT SECOND QUARTERLY REPORT, 1 OCT. THROUGH 31 DEC. 1962	1963
19630033713	RADIATION CHEMISTRY OF TRIPLE BOND COMPOUNDS- PART I ACETONITRILE AND BUTYNE-2, LIQUID PHASE TECHNICAL REPORT <DEC. 1, 1961 - NOV. 30, 1962<	1963
19630033715	THE HYPERVIRIAL THEOREM FOR COLLISIONS BETWEEN ELECTRONS AND ATOMS INTERIM TECHNICAL REPORT	1963
19630033722	SIMULATOR STUDY OF DIRECT LIFT CONTROL DURING CARRIER LANDING APPROACHES	1963
19630033724	STUDY OF THE RELATIONSHIP OF PROPERTIES OF COMPOSITE MATERIALS TO PROPERTIES OF THEIR CONSTITUENTS QUARTERLY PROGRESS REPORT 3, <FOR PERIOD ENDING MAY 7, 1963<	1963
19630033728	AN EXPERIMENTAL PROGRAM FOR OBTAINING THE THERMODYNAMIC PROPERTIES OF PROPELLANT COMBUSTION PRODUCTS FOURTH QUARTERLY TECHNICAL REPORT	1963
19630033730	F/TF-102 AND F-106 AIRCRAFT ACCIDENT SUMMARY, JANUARY 1962 THROUGH 31 DECEMBER 1962 DEC. 31, 1963	1963
19630033732	REVIEW OF NASA HELICOPTER RESEARCH PROJECTS	1963
19630033734	BEHAVIOR OF ROCKET NOZZLE MATERIALS AT HIGH TEMPERATURES AND PRESSURES OF COMBUSTION PRODUCT GAS MIXTURES FOURTH QUARTERLY TECHNICAL REPORT <FEB. 15 - MAY 15, 1963<	1963
19630033736	EVALUATION OF COMPUTER CONTROL COMPANY'S H-PAC DIGITAL MODULES	1963
19630033739	FABRICATION OF PROTOTYPE ROCKET MOTOR CASE BY CRYOGENIC STRETCHFORMING QUARTERLY REPORT NO. 4, MAR. 1, 1963 TO MAY 31, 1963	1963
19630033741	POTENTIALITIES OF THE RADIOISOTOPE ELECTROSTATIC PROPULSION SYSTEM	1963
19630033742	FULL SCALE COLD TESTS ON THIRD STAGE MINUTEMAN MOTOR. VOLUME I - TEST PHASES I THROUGH IV TECHNICAL OPERATING REPORT	1963
19630033743	A FILTER METHOD OF ADJUSTING PPI'S	1963
19630033744	A METHOD OF OBTAINING AN OVERALL HEAT TRANSFER FILM COEFFICIENT IN SOLID FUEL ROCKET NOZZLES WEAPON SYSTEM 133A TECHNICAL OPERATING REPORT	1963
19630033745	MASTER TEST PLAN FOR THE MINUTEMAN MOTOR 2-3-1 AT THE HERCULES POWDER COMPANY VIBRATION FACILITY. WEAPON SYSTEM 133A	1963
19630033747	PRELIMINARY INVESTIGATION INTO THE PHYSICAL PROPERTIES OF ASBESTOS LAMINATES BONDED WITH A TERPHENYL RESIN	1963
19630033749	TEMPERATURE MEASUREMENTS BEHIND AN ATTENUATING SHOCK WAVE	1963
19630033751	INTERFERENCE APPLIED RESEARCH DATA COLLECTION AND ANALYSIS SYNCHRONIZATION OF AN FIM WITH A TEST RADAR FINAL REPORT	1963
19630033754	SOLID STATE TACAN MONITOR INTERIM REPORT	1963
19630033755	FABRICATION OF LARGE DIAMETER TITANIUM PRESSURE VESSELS BY THE SPIRAL WRAP METHOD <PROGRESS< REPORT NO. 9, 1 OCT. 1962 THROUGH 15 FEB. 1963	1963
19630033756	DYNAMIC MECHANICAL PROPERTIES OF SOLID PROPELLANTS. QUARTERLY TECHNICAL SUMMARY REPORT, 1 JAN. - 31 MAR. 1963	1963
19630033762	High Capacity Reaction-Wheel Attitude Control	1963
19630033763	RADIOCHEMICAL SEPARATION OF CARRIER-FREE SILVER, CADMIUM, AND RHODIUM FROM EACH OTHER BY SOLVENT EXTRACTION	1963
19630033764	DEVELOPMENT OF BORON PYRALLOY FOR ROCKET MOTOR HARDWARE. FINAL REPORT <FEB. - SEPT. 1962<	1963
19630033766	THE FATIGUE CRACK PROPAGATION CHARACTERISTICS OF TITANIUM AND TWO TITANIUM ALLOYS	1963
19630033770	NATURAL COMMUNICATIONS STUDY, PHASE I- FEASIBILITY STUDY ON A RELIABLE POLAR HF COMMUNICATIONS SYSTEMS TECHNICAL NOTE NO. 2	1963
19630033772	RESEARCH ON TECHNIQUES FOR INTEGRATION OF ACTIVE ELEMENTS INTO ANTENNAS AND ANTENNA STRUCTURE INTERIM ENGINEERING REPORT, 1 DEC. 1962 - 28 FEB. 1963	1963
19630033773	THREE DIMENSIONAL AREA MATCH EQUIPMENT FINAL TECHNICAL REPORT	1963
19630033774	DEVELOPMENT OF A MINIATURIZED TENSILE TEST PROCEDURE FOR PLASTIC LAMINATES <FINAL REPORT, MAR. 1958 - DEC. 1962<	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033775	DEVELOPMENT OF GREASE LUBRICANTS FOR HIGH TEMPERATURE BALL AND ROLLER BEARINGS OF ELECTRICAL EQUIPMENT QUARTERLY PROGRESS REPORT NO. 1, JAN. 1, 1963 - APR. 1, 1963	1963
19630033777	FUNDAMENTAL STUDY OF JET NOISE GENERATION AND SUPPRESSION. VOL. II - BIBLIOGRAPHY	1963
19630033778	PYROLYTIC REINFORCING AGENTS FOR ABLATIVE EROSION - RESISTANT COMPOSITES <FINAL REPORT, MAY 1, 1962 - MAR. 31, 1963<	1963
19630033782	THE OUTLOOK FOR SYNTHETIC FOODS	1963
19630033787	QUARTERLY PROGRESS REPORT, APR. - JUNE 1963 <HUMAN ENERGETICS<	1963
19630033791	SOME POSSIBLE EXTINGUISHING AGENTS FOR USE IN AIRCRAFT	1963
19630033793	MODEL YOY-1 /YAO-1/ AIRPLANE DEMONSTRATION PROGRESS AND DATA REPORT- YOY PERFORMANCE. PART II. PERFORMANCE DEMONSTRATION OF THE AO-1BF AIRPLANE	1963
19630033794	MANEUVERING REQUIREMENTS AND MINIMUM MISS DISTANCES FOR HOMING MISSILES IN A RESTRICTED SET OF ANTI-TANK ENGAGEMENTS	1963
19630033795	EXOTHERMIC JOINING IN VACUUM INTERIM REPORT <MAR. 1 - MAY 31, 1963<	1963
19630033796	ALTITUDE TESTING OF A LOCKHEED PROPULSION COMPANY JAVELIN ROCKET MOTOR	1963
19630033797	ESTIMATION OF BORON GLAZE ON EIMITE IGNITER COMPOSITION	1963
19630033799	DYNAMIC LOADS DURING BOOSTED FLIGHT <FINAL REPORT<	1963
19630033803	A STREAK CAMERA METHOD FOR THE MEASUREMENT OF FLOW VELOCITY IN A HYPERSONIC GUN TUNNEL	1963
19630033806	A COMPARISON OF GROUND-LAUNCHED AND AIR-LAUNCHED BOOSTERS FOR SATELLITE-RENDEZVOUS MISSIONS	1963
19630033807	PROCESS SCALEUP AND PRODUCTION OF ADVANCED PROPELLANT OXIDIZERS	1963
19630033812	[No Title]	1963
19630033813	SUPERSONIC AERODYNAMIC INTERACTION EFFECTS DURING MISSILE STAGE SEPARATION	1963
19630033815	Lunar Logistic System Study	1963
19630033824	USE OF THE BOEING HOTSHOT WIND TUNNEL FACILITY FOR HYPERSONIC INLET AND SUPERSONIC COMBUSTION TESTING	1963
19630033825	SODIUM RADIATION OF CHEMICALLY REACTING WAKES	1963
19630033828	PROPELLANTS FOR USE IN HYPERVELOCITY AEROSPACE WEAPONS	1963
19630033830	VACUUM PERFORMANCE OF HIGH ENERGY STORABLE PROPELLANTS, VOLUME I	1963
19630033831	STABILITY OF ORTHOTROPIC SHELLS UNDER UNSYMMETRICAL LOADS PART I- DEVELOPMENT OF THE BUCKLING EQUATION FOR ELASTIC CYLINDERS UNDER COMBINED BENDING AND COMPRESSION	1963
19630033832	FUEL CELL ASSEMBLIES FINAL REPORT, JAN. 1963 - MAR. 1963	1963
19630033834	TIME- AND FUEL-OPTIMAL ATTITUDE CONTROL	1963
19630033836	RFD-1 FUEL ROD QUALIFICATION TESTS, PHASE I DEVELOPMENT REPORT <DEC. 17 - DEC. 21, 1962<	1963
19630033837	XM12 ROCKET CATAPULT FOR DOUGLAS RB66 AIRPLANE MEMORANDUM REPORT	1963
19630033838	SUPER INSULATION FOR SPACE VEHICLES	1963
19630033840	The Synthesis and Utilization of Low Molecular Weight Ozonides for Air Revitalization Purposes Quarterly Progress Report No. 1	1963
19630033841	BALLOON PROJECT PROGRESS REPORT, OCT. 1961 - MAR. 1963	1963
19630033857	THE RELATIONSHIP OF MICROSTRUCTURE TO STRENGTH AND TOUGHNESS IN HIGH STRENGTH STEEL <FINAL REPORT, APR. 1, 1961 - SEPT. 30, 1962<	1963
19630033858	CATEGORY II EXTREME TEMPERATURE EVALUATION OF A YHU-1D HELICOPTER IN THE CLIMATIC LABORATORY <FINAL REPORT, JUNE 4 - AUG. 10, 1962<	1963
19630033859	A STUDY OF BERYLLIUM IN AIRCRAFT HEAT SINK BRAKES <FINAL REPORT, OCT. 1959 - AUG. 17, 1962<	1963
19630033861	[No Title]	1963
19630033862	TRANSONIC WIND TUNNEL FORCE AND FLUTTER INVESTIGATION ON 70 DEG SWEEP TRIANGULAR WINGS	1963
19630033863	Investigation of Space Rendezvous Propulsion System Requirements	1963
19630033865	DEVELOPMENT OF AN INTERMITTENT OPERATING VARIABLE THRUST SOLID PROPELLANT ROCKET MOTOR	1963
19630033871	Investigation of Space Rendezvous Propulsion System Requirements	1963
19630033877	EXPERIMENTAL INVESTIGATIONS OF THE AERODYNAMIC EFFECTS OF NONEQUILIBRIUM IN INVISCID BLUNT BODY FLOWS	1963
19630033880	Variation of Exhaust Plume Radiant Heat Flux with Altitude from 1/33-Scale Titan III Solid-Propellant Rocket Motors	1963
19630033884	Liquid Propellant Research Evaluation	1963
19630033885	DETAILED TEST OBJECTIVES FOR DELTA LAUNCH VEHICLE S/N 359/20004/ 20007 SPACECRAFT- TIROS G	1963
19630033888	THERMOELASTIC EFFECTS ON HYPERSONIC STABILITY AND CONTROL. PART I- HYPERSONIC AERODYNAMICS <FINAL REPORT<	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033889	DEVELOPMENT OF THRUSTER, CARTRIDGE ACTUATED, XM10 TECHNICAL DOCUMENTARY REPORT <APR. 1960 - JUNE 1962<	1963
19630033892	ANALYSIS OF PEAK PRESSURE GENERATED IN WATER BY HIGH VELOCITY IMPACT	1963
19630033896	DIGITAL ADAPTIVE CONTROL SYSTEM RESEARCH QUARTERLY PROGRESS REPORT NO. 1, MAR. 8, 1963 - APR. 30, 1963	1963
19630033899	FLOW AND FRACTURE OF TUNGSTEN AND ITS ALLOYS- WROUGHT, RECRYSTALLIZED, AND WELDED CONDITIONS <FINAL REPORT, NOV. 1961 - FEB. 20, 1963<	1963
19630033900	A STUDY OF THE EFFECTS OF LONG-TERM INGESTION OF RECOVERED WATER- ANIMAL INGESTION TRIALS <FINAL REPORT, NOV. 1961 - JULY 1962<	1963
19630033901	TRUNCATED REACTION OPERATORS AND THE HELIUM PROBLEM	1963
19630033903	A SURVEY OF TEST PROCEDURES FOR EVALUATING SHORT BRITTLE FIBERS <FINAL REPORT<	1963
19630033904	THE TRANSISTORIZED DIPOLE ANTENNAFIER	1963
19630033905	COCKPIT DISPLAYS FOR PILOT CONTROL DURING HYPERSONIC LIFTING RE-ENTRY <FINAL REPORT<	1963
19630033907	TRANSEQUATORIAL F-LAYER PROPAGATION STUDY FINAL REPORT	1963
19630033909	AND EVALUATION OF A 2200 MC. PARAMETRIC AMPLIFIER <FINAL REPORT<	1963
19630033912	SCHEDULE SHIFTS <LES DECALAGES NORAIRES<	1963
19630033913	SPACE MAGNETOMETER DEVELOPMENT FINAL TEST REPORT	1963
19630033941	PRESSURE MEASUREMENT AT MACH 19 FOR A WINGED RE-ENTRY CONFIGURATION- PART OF AN INVESTIGATION OF HYPERSONIC FLOW SEPARATION AND CONTROL CHARACTERISTICS	1963
19630033942	RESEARCH ON DIFFUSION OF HYDROGEN THROUGH PALLADIUM-SILVER ALLOY, PHASE 2 QUARTERLY PROGRESS REPORT, FEB. - APR. 1963	1963
19630033946	EVALUATION OF THE PRODUCTION CONFIGURATION	1963
19630033947	QUARTZ LAMP RADIANT HEAT BRAZING OF LARGE REFRACTORY METAL HONEYCOMB SANDWICH PANELS THIRD INTERIM ENGINEERING PROGRESS REPORT, 10 JAN. 1963 - 10 APR. 1963	1963
19630033948	INTEGRATED SILICON DEVICE TECHNOLOGY, VOLUME I - RESISTANCE <INTERIM REPORT, JAN. - APR. 1963<	1963
19630033949	DAMPING OF A GRAVITATIONALLY STABILIZED SATELLITE	1963
19630033950	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. SUPPLEMENT 2- CAPTIVE TRAJECTORY TESTING FOR A LOW ALTITUDE SUPERSONIC VEHICLE TECHNICAL DOCUMENTARY REPORT <APR. 4 - DEC. 31, 1962<	1963
19630033956	CONFERENCE ON STRUCTURAL PLASTICS, ADHESIVES, AND FILAMENT WOUND COMPOSITES, 11-13 DECEMBER 1962 <DAYTON, OHIO FINAL REPORT<	1963
19630033957	HIGH TEMPERATURE LAMINATING RESINS- POLYISOCYANURATES AND POLYMERIC CHELATES	1963
19630033958	POLYIMIDE RESINS AND REINFORCED PLASTIC LAMINATES FOR CONTINUOUS USE AT 650 DEG F	1963
19630033959	POLYBENZIMIDAZOLE RESINS FOR HIGH TEMPERATURE REINFORCED PLASTICS AND ADHESIVES	1963
19630033960	THE INFLUENCE OF BISPHENOL STRUCTURE ON THE BOND STRENGTH OF EPOXY ADHESIVES	1963
19630033961	HEAT RESISTANT ADHESIVES BASED ON PHTHALOCYANINE COPOLYMERS	1963
19630033962	BORON PHOSPHATE MATRIX FOR HIGH TEMPERATURE APPLICATIONS	1963
19630033963	INORGANIC MATRIX MATERIALS	1963
19630033964	PREIMPREGNATED ROVING, MANDRELS, AND DESIGNS FOR FILAMENT WINDING	1963
19630033965	THE FIBERGLASS FILAMENT WOUND STRUCTURE - A CORRELATION OF CONTINUING STUDIES	1963
19630033966	INTEGRATION OF FLAW DETECTORS IN FILAMENT-WOUND AEROSPACE STRUCTURES	1963
19630033967	VULNERABILITY OF FILAMENT WOUND PRESSURE VESSELS TO MECHANICAL DAMAGE	1963
19630033968	OPTIMUM DESIGN FOR FILAMENT-WOUND ROCKET-MOTOR CASES	1963
19630033969	SANDWICH CONSTRUCTION, FILAMENT-WOUND ROCKET MOTOR CASES	1963
19630033970	MANUFACTURING TECHNOLOGY FOR LARGE PLASTIC ROCKET MOTOR CASES	1963
19630033971	DESIGN AND QUALIFICATION TEST PROCEDURES FOR FILAMENT-WOUND PRESSURE VESSELS	1963
19630033972	QUALITY ASSURANCE AND PROCESS CONTROLS OF PREIMPREGNATED REINFORCED PLASTIC ROVING	1963
19630033973	FIBER REINFORCED STRUCTURAL COMPOSITES	1963
19630033974	SAPPHIRE WHISKERS FOR STRUCTURAL REINFORCEMENT	1963
19630033975	NON-METALLIC NON-VITREOUS FIBER SYNTHESIS	1963
19630033976	CARBONACEOUS FIBER REINFORCED COMPOSITES	1963
19630033977	RESEARCH ON NEW REFRACTORY FIBER REINFORCEMENTS	1963
19630033978	A STUDY OF DEPRESSED COLLECTORS FOR CROSSED-FIELD AMPLIFIERS <SUMMARY REPORT, MAR. 1, 1961 - MAR. 1, 1962<	1963
19630033980	RESEARCH IN EXTREME ENVIRONMENT AEROSPACE VEHICLE WINDOW ASSEMBLIES <FINAL REPORT, MAY 1961 - MAR. 1962<	1963
19630033981	A RESEARCH STUDY TO ADVANCE THE STATE OF THE ART OF SOLID PROPELLANT GRAIN DESIGN QUARTERLY PROGRESS REPORT NO. 3, JAN. 1, 1963 - APR. 1, 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630033982	A THEORY AND METHOD OF PREDICTING THE STABILITY DERIVATIVE C SUB IOTA SUB BETA, C SUB IOTA SUB R, C SUB N SUB P, AND C SUB Y SUB P FOR WINGS OF ARBITRARY PLANFORM IN SUBSONIC FLOW	1963
19630033983	DEVELOPMENT OF MECHANICAL FITTINGS - PHASE I TECHNICAL DOCUMENTARY REPORT <APR. 1 - NOV. 30, 1962<	1963
19630033984	AN ENGINEERING STUDY OF A POST-ATTACK ANTENNA SYSTEM FINAL REPORT, MAY 4 - NOV. 30, 1962	1963
19630033985	BEARING LUBRICATION UNDER SEVERE CONDITIONS: BIMONTHLY PROGRESS REPORT, APR. - MAY 1963	1963
19630033986	DEVELOPMENT OF GREASE LUBRICANTS FOR HIGH TEMPERATURE BALL AND ROLLER BEARINGS OF ELECTRICAL EQUIPMENT PROGRESS REPORT, NOV. 1, 1961 - JAN. 1, 1963	1963
19630033987	RESEARCH STUDY OF RADAR REFLECTIONS FROM IRREGULAR SURFACES FIRST QUARTERLY STATUS REPORT	1963
19630033989	DEVELOPMENT OF REFRACTORY CERAMICS THAT CAN BE PROCESSED AT TEMPERATURES CONSIDERABLY LOWER THAN THEIR MAXIMUM USE TEMPERATURE	1963
19630033990	RESONANT-SCATTER DETECTION OF MIDCOURSE VEHICLES- MINIMUM DETECTABLE NUMBERS OF RESONANT-SCATTERED PARTICLES TECHNICAL REPORT	1963
19630033991	RADIATION DAMAGE TO SILICON THIRD SEMIANNUAL REPORT, JULY 16, 1962 - MAR. 15, 1963	1963
19630033992	A STUDY OF THE ELECTRONIC CONFIGURATION AND BEHAVIOR OF THE -NF SUB 2 GROUP QUARTERLY REPORT NO. 1, MAR. TO MAY, 1963	1963
19630033994	A3 /A3D/ AIRCRAFT ACCIDENT SUMMARY	1963
19630033997	INVESTIGATION OF SPACE RENDEZVOUS PROPULSION SYSTEM REQUIREMENTS. VOLUME V - APPENDICES FINAL REPORT, NOV. 20, 1961 - DEC. 19, 1962	1963
19630033999	SOUNDING ROCKET STUDY SUMMARY REPORT MAR. 4, 1963	1963
19630034001	EFFECT OF PROCESSING VARIABLES ON CRACK PROPAGATION OF HIGHSTRENGTH STEELS AND TITANIUM. A NEW HEAT TREATMENT FOR HIGHALLOY HIGH-STRENGTH MARTENSITIC STEELS FIRST QUARTERLY PROGRESS REPORT, NOV. 27, 1962 - MAR. 15, 1963	1963
19630034005	SUPPLEMENTARY VEHICLE PERFORMANCE HANDBOOK	1963
19630034006	NASA - GSFC SPECIAL OPERATIONS PLAN A-61, LOFTI SATELLITE	1963
19630034007	REQUIREMENTS STUDIES, VOLUME I JAN. 15, 1963	1963
19630034012	SPACE CHARGE DISTRIBUTION IN A CLOSED CYLINDER OF FINITE LENGTH	1963
19630034016	AERODYNAMIC AND FLUTTER MODEL TEST PROGRAM TECHNICAL DATA <REPORT<	1963
19630034017	PROGRAM TO DEVELOP PILOT TECHNIQUE AND DESIGN CRITERIA TO INCREASE SAFETY IN EVENT OF TAIL ROTOR SYSTEM MALFUNCTION PROGRESS REPORT NO. 11, MAY 1-MAY 31, 1963	1963
19630034018	MAGNETIC MATERIALS TECHNOLOGY FOR PPM-FOCUSED TWTS INTERIM REPORT, MAR. 1, 1963 - MAY 31, 1963	1963
19630034023	DELTA MONTHLY TECHNICAL PROGRESS REPORT	1963
19630034025	Liquid Alkali Metal Investigation Quarterly Letter Report No. 4	1963
19630034037	ESTIMATED TOTAL CHAIN AND INDEPENDENT FISSION YIELDS FOR SEVERAL NEUTRON-INDUCED FISSION PROCESSES	1963
19630034039	BASIC APPLIED RESEARCH IN FLUID POWER CONTROL <THIRD PROGRESS REPORT<	1963
19630034040	BALLOON FLIGHT RECORD STATUS REPORT AS OF 31 DECEMBER 1962 JOHN R. WINCKLER APR. 1963	1963
19630034043	PROJECT BANSHEE FIELD OPERATIONS, 1961 AND 1962 PRELIMINARY REPORT	1963
19630034045	STUDY OF INTERFACE CONNECTION BETWEEN CRAWLER-TRANSPORTER AND LAUNCHER-UMBILICAL TOWER	1963
19630034046	NASA - GSFC OPERATIONS PLAN 3-61 /S-15/ GAMMA RAY ASTRONOMY SATELLITE	1963
19630034048	MATERIAL EVALUATION FOR A MACH III TRANSPORT PLANE QUARTERLY PROGRESS REPORT 4A, JAN. 15 - APR. 23, 1963	1963
19630034049	FRACTURE EXAMINATION AND G SUB C TEST OF SPECIMENS FROM WELDED PLATES OF 18 NI MARAGING STEEL SUPPLIED BY EXCELCO CORPORATION <QUARTERLY PROGRESS REPORT, 1 JAN. 1963 - 30 MAR. 1963<	1963
19630034052	TWO-STAGE POTASSIUM TEST TURBINE	1963
19630034054	PRELIMINARY PERFORMANCE SPECIFICATION FOR A LABORATORY SIMULATION TESTING FACILITY, VOLUME II	1963
19630034055	FEASIBILITY STUDY AND DESIGN PROGRAM FOR A LABORATORY SIMULATION TESTING FACILITY. FINAL REPORT <MAY 1, 1961 - NOV. 30, 1962<	1963
19630034056	DISTRIBUTED SATELLITE CIRCUMGLOBAL COMMUNICATION TECHNIQUE STUDY TECHNICAL REPORT JAN. 11, 1962 - MAR. 11, 1963	1963
19630034057	THERMOELASTIC EFFECTS ON HYPERSONIC STABILITY AND CONTROL. PART II - VOLUME III- ELASTIC RESPONSE ANALYSIS OF FUSELAGE AND COMBINED WING-FUSELAGE STRUCTURES <FINAL REPORT<	1963
19630034058	RESEARCH ON HIGH TEMPERATURE PROTECTIVE COATINGS FOR GRAPHITE JUNE 1 - JUNE 30, 1963 PROGRESS REPORT NO. 1	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034059	THE EFFECT OF CAMBER AND TWIST ON WING PRESSURE DISTRIBUTIONS FOR MACH NUMBERS FROM 2 TO 7.6. PART II- COMPARISONS WITH THEORY <FINAL REPORT<	1963
19630034060	HU-1/SS/11/AN/ASW-12 WEAPONS SYSTEM FLIGHT EVALUATION <FINAL REPORT<	1963
19630034063	DEMONSTRATION OF THE FEASIBILITY OF USING DELTA MODULATION FOR PICTORIAL TRANSMISSION TECHNICAL DOCUMENTARY REPORT <15 APR. 1962 - 15 MAY 1963<	1963
19630034065	STRUCTURE OF GASEOUS DETONATION. II- GENERATION OF LAMINAR DETONATION	1963
19630034066	INVESTIGATION OF OPTICAL SPECTRAL REGIONS FOR SPACE COMMUNICATIONS <FINAL REPORT, FEB. 1962 - JAN. 1963<	1963
19630034067	FEASIBILITY STUDY AND DESIGN PROGRAM FOR A LABORATORY SIMULATION TESTING FACILITY, VOLUME I TECHNICAL REPORT <MAY 1, 1961 - NOV. 30, 1962<	1963
19630034068	STUDY OF SATELLITE ATTITUDE CONTROL AND RELATED ENERGY SOURCES <FINAL REPORT<	1963
19630034072	ADVANCED FLIGHT VEHICLE SELF-ADAPTIVE FLIGHT CONTROL SYSTEM. PART V. ACCEPTANCE FLIGHT TESTS <FINAL REPORT, JULY 1961 - JULY 1962<	1963
19630034073	SPECTROSCOPIC STUDIES USING FOURIER TRANSFORMATIONS <RECHERCHES SUR LA SPECTROSCOPIE PAR TRANSFORMATION DE FOURIER<	1963
19630034074	THE MECHANICAL BEHAVIOR OF FABRICS SUBJECTED TO BIAXIAL STRESS, PART I. THEORETICAL ANALYSIS OF THE PLAIN WEAVE <SUMMARY REPORT, MAY 15, 1962 TO MAY 15, 1963<	1963
19630034075	THERMOELASTIC EFFECTS ON HYPERSONIC STABILITY AND CONTROL. PART III- HYPERSONIC AEROELASTICITY <FINAL REPORT<	1963
19630034077	MAGNETIC INDUCTION GYROSCOPE RESEARCH AND DEVELOPMENT QUARTERLY PROGRESS REPORT NO. 4, 1 DEC. 1962 TO 28 FEB. 1963	1963
19630034079	SEPARATED SUPERSONIC FLOW	1963
19630034081	WIND-TUNNEL EXPERIMENTS ON A SIMPLE LIFTING-JET BODY WITH AND WITHOUT WINGS	1963
19630034083	THE SCALE HEIGHT OF THE IONOSPHERE FROM THE REFRACTION OF SATELLITE SIGNALS	1963
19630034086	THE WELDING AND BRAZING OF THE REFRACTORY METALS - NIOBIUM, TANTALUM, MOLYBDENUM AND TUNGSTEN - A REVIEW	1963
19630034089	DYNAMICS OF LIQUID-FILLED SHELL. AIDS FOR DESIGNERS- MILNE'S GRAPH, STEWARTSON'S TABLES	1963
19630034091	FUTURE PROJECTS OFFICE <REPORT FOR 1963< MAR. 1963	1963
19630034093	SOLUTIONS FOR COMPLEX SYSTEMS OF CHEMICAL REACTION KINETICSAN IRREVERSIBLE UNIMOLECULAR REACTION FOLLOWED BY A REVERSIBLE UNIMOLECULAR REACTION	1963
19630034098	COMPUTER IMPLEMENTATION OF A TIME-PHASED INPUT-OUTPUT ECONOMIC MODEL- PEAM-1103A	1963
19630034100	RADAR 3.16 ACCURACY EVALUATION	1963
19630034101	MEASUREMENT OF ADP-O VALUES IN RAT LIVER HOMOGENATES. IIEFFECTS OF PURINE AND PYRIMIDINE NUCLEOTIDES ON RESPIRATION AND PHOSPHORYLATION	1963
19630034102	THE INTERACTION OF ALDOSTERDNE AND OTHER STEROIDS WITH LIVER AND KIDNEY CELL MEMBRANES AND WITH SUBCELLULAR FRACTIONS OF THE KIDNEY	1963
19630034103	CHEMICAL CORROSION OF ROCKET LINER MATERIALS AND PROPELLANT PERFORMANCE STUDIES FOURTH QUARTERLY TECHNICAL SUMMARY REPORT	1963
19630034104	ANALYSIS OF ARGUS BOMB DEBRIS. VOLUME 2, MATHEMATICAL MODEL <FINAL REPORT, JUNE 1, 1961 - DEC. 21, 1962<	1963
19630034105	DESIGN AND INSTRUMENTATION TESTING FOR A HYPERSONIC PARACHUTE FREE FLIGHT TEST CAPABILITY, PHASES II AND III. <FINAL REPORT, OCT. 15, 1961 - NOV. 30, 1962<	1963
19630034106	LARGE PLASTIC ROCKET MOTOR CASES INTERIM TECHNICAL PROGRESS REPORT, 1 OCT. - 31 DEC. 1962	1963
19630034107	TECHNICAL PROGRESS REPORT <MAR. 13, 1963 - APR. 13, 1963< <SPACE PROGRAM FACILITIES DEVELOPMENT<	1963
19630034109	PRELIMINARY STUDY OF ATMOSPHERIC TURBULENCE ABOVE CAPE CANAVERAL, FLORIDA	1963
19630034115	LAUNCH OPERATIONS CENTER PROGRESS REPORT	1963
19630034116	LAUNCH OPERATIONS CENTER PROGRESS REPORT	1963
19630034117	SWITCHING NETWORKS BY LINEAR GRAPH THEORY	1963
19630034119	DEVELOPING TECHNOLOGY TO FORGE UNCLAD BERYLLIUM PHASE II INTERIM ENGINEERING PROGRESS REPORT, MAR. 1, 1963 - MAY 31, 1963	1963
19630034122	THE APPLICATION OF VARIABLE CAPACITANCE PICK-OFFS TO A TWO-AXIS GYROSCOPE	1963
19630034123	A HISTORY OF THE U.S. NAVY FULL PRESSURE HIGH ALTITUDE SUIT	1963
19630034124	IMPROVEMENT OF HIGH TEMPERATURE QUALITIES OF PRIMER SYSTEMS	1963
19630034125	HIGH PERVEANCE GUN STUDY SEVENTH QUARTERLY PROGRESS REPORT, 1 DEC. 1962 TO 28 FEB. 1963	1963
19630034126	INVESTIGATION OF THE FEASIBILITY OF USING ROTOR EXCITATION PANELS FOR INDUCING ROTOR BLADE FATIGUE LOADS DURING WHIRL TESTS AUGUST 1962 REPORT FOR AUG. 1961 TO AUG. 1962	1963
19630034127	HIGH POWER X-BAND GENERATOR QUARTERLY REPORT NO. 2, JAN. 1, 1963 TO MAR. 31, 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034128	DEVELOPMENT OF AN ELECTRON BEAM HEATING FACILITY AND ITS USE IN MECHANICAL TESTING OF TUNGSTEN TO 6000 DEG F <SUMMARY REPORT, JUNE 1960 TO MAR. 1963<	1963
19630034129	INVESTIGATION OF LUBRICANTS FOR SATELLITE AND SPACE VEHICLES INSTRUMENTATION FINAL REPORT <APR. 1, 1962 - MAR. 31, 1963<	1963
19630034130	AN EXPERIMENTAL STUDY OF ATMOSPHERIC ERRORS IN MICROWAVE AND RANGE DIFFERENCE MEASUREMENTS	1963
19630034133	DELTA STAGE II COMMAND SHUTDOWN PROBABILITY ANALYSIS. MODEL DSV3B	1963
19630034135	ESTIMATION OF THE VELOCITY DISTRIBUTION AT THE INLET OF AN AXIALFLOW TURBOMACHINE SPECIAL REPORT	1963
19630034153	POLARIS - PROGRESS REPORT FOR MAY, 1963 LAMINAR BOUNDARY LAYER BY FINITE DIFFERENCES	1963
19630034166	INTERFERENCE TO RADIO ASTRONOMY	1963
19630034172	CHRONIC ACCELERATION STUDIES - PHYSIOLOGICAL RESPONSES TO ARTIFICIAL ALTERATIONS IN WEIGHT ANNUAL PROGRESS REPORT NO. 7, 1 MAY 1962 - 30 APR. 1963	1963
19630034174	INVESTIGATION OF CHEMICAL KINETICS OF ATMOSPHERIC DEIONIZATION SEVENTH QUARTERLY PROGRESS REPORT, JAN. 1 - MAR. 31, 1963	1963
19630034175	THE PREDICTION OF TRANSIENT HEAT TRANSFER PERFORMANCE OF THERMAL ENERGY STORAGE DEVICES	1963
19630034179	BURBANK XH-51A HELICOPTER SUMMARY REPORT FOR PERIOD MAY 5 - JUNE 7, 1963	1963
19630034186	SIMULATED ALTITUDE TEST OF A LOCKHEED MG-18 /S/N-12/ SOLIDPROPELLANT ROCKET MOTOR	1963
19630034188	PERFORMANCE EVALUATION OF A YJ93-GE-3 TURBOJET ENGINE IN AN ALTITUDE TEST CELL	1963
19630034189	MONOCOMPOUND ROCKET ENGINE	1963
19630034192	EXPANDABLE NOZZLES	1963
19630034195	BURBANK ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF HYPERSONIC LIFTING RE-ENTRY VEHICLES. PART I. EXPERIMENTAL PHASE. VOLUME I - MACH NUMBER 5	1963
19630034196	APPLICATION OF MICROMINIATURE COMPONENT TECHNIQUES TO COMMUNICATION SECURITY EQUIPMENT	1963
19630034199	DUAL GRAIN SYSTEMS FOR GAS GENERATOR APPLICATION	1963
19630034200	DELTA 18, TELSTAR II FLIGHT TEST REPORT	1963
19630034201	HIGH MOMENT PRODUCING TECHNIQUES FOR ATTITUDE CONTROL AND STABILIZATION OF MANNED SPACE VEHICLES. VOLUME II - THRUST VECTOR CONTROL OF ROCKET ENGINES	1963
19630034202	TEST OF M48C1 TANK EXPOSED TO BLAST PRODUCED BY 500-POUND SPHERE OF 50/50 PENTOLITE /PROJECT BANSHEE/	1963
19630034203	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM	1963
19630034205	SIMULATED ALTITUDE TESTS ON THREE ATLANTIC RESEARCH CORPORATION XM-85 SOLID-PROPELLANT ROCKET MOTORS	1963
19630034207	SECONDARY INJECTION MISSILE ATTITUDE CONTROL SYSTEM FOR THE ABL X-248 MOTOR	1963
19630034208	TESTING OF SOLID-PROPELLANT ROCKET MOTORS CONTAINING BERYLLIUM AT SIMULATED ALTITUDE CONDITIONS	1963
19630034209	RESULTS OF CENTAUR SIMULATION PRESSURE MEASUREMENTS FLOWN ON SATURN SA-3	1963
19630034211	RIFT	1963
19630034213	EVALUATION OF SOME RECENT DEVELOPMENTS IN LIQUID ROCKET PROPELLANTS	1963
19630034214	RIFT	1963
19630034218	PYROGRAPHALLOY RESEARCH AND DEVELOPMENT. SECOND QUARTERLY REPORT, OCT. 15, 1962 - JAN. 14, 1963	1963
19630034220	PYROGRAPHALLOY RESEARCH AND DEVELOPMENT. FIRST QUARTERLY REPORT, JULY 15 - OCT. 14, 1962 OCT. 8, 1962	1963
19630034221	QUARTERLY PROGRESS REPORT ON PROCESS RESEARCH, FEBRUARY 1 - APRIL 30, 1963	1963
19630034234	WEAPON SYSTEM 133A- WING VI PROGRAM PROGRESS QUARTERLY <REPORT< 1 JANUARY THRU 30 APRIL 1963	1963
19630034236	DEVELOPMENT OF AN IMPROVED DUAL-THRUST ROCKET MOTOR FOR THE TARTAR MISSILE	1963
19630034237	INVESTIGATION OF CREW ESCAPE SYSTEM SURFACE IMPACT TECHNIQUES FOR ADVANCED AEROSPACE VEHICLES <FINAL REPORT<	1963
19630034238	METAL FILAMENTS FOR HIGH-TEMPERATURE FABRICS, PART II <FINAL REPORT<	1963
19630034239	GAS-METAL REACTIONS IN ROCKET NOZZLES, PART II <FINAL REPORT, MAR. 1, 1962 - FEB. 28, 1963<	1963
19630034240	KINETICS OF YIELD-POINT RETURN IN UNALLOYED TUNGSTEN <FINAL REPORT, DEC. 1961 - JULY 1962<	1963
19630034243	BERYLLIUM IN AEROSPACE STRUCTURES REPORT OF THE BERYLLIUM COMMITTEE	1963
19630034252	THE OPTIMAL CONTROL OF LINEAR SYSTEMS FOR A MINIMUM CONTROLEFFORT PERFORMANCE CRITERION	1963
19630034253	LIQUID PROPELLANT LOSSES DURING SPACE FLIGHT FIRST QUARTERLY PROGRESS REPORT, SEPT. 1, 1962 TO DEC. 31, 1962	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034256	THERMOELASTIC EFFECTS ON HYPERSONIC STABILITY AND CONTROL. PART II - VOLUME II-ELEVATED TEMPERATURE DEFLECTION INFLUENCE COEFFICIENT TESTS <FINAL REPORT<	1963
19630034257	RESEARCH ON LINEAR BORON-NITROGEN POLYMERS <INTERIM REPORT, SEPT. 1, 1960 - AUG. 31, 1962<	1963
19630034258	STUDY OF PHYSIOLOGICAL STRESSES WITH EJECTION LOADS. THE MECHANISM AND CAUSE OF CRASH LANDING AND EJECTION VERTEBRAL INJURIES IN U.S. NAVAL AVIATION	1963
19630034259	RESEARCH ON MILLIMETER-WAVE TUBES INTERIM ENGINEERING REPORT NO. 1, 1 APR. - 30 JUNE 1963	1963
19630034260	COMPARISON OF THEORY AND EXPERIMENT FOR VENTED HYDROFOILS. PART I. ANALYSIS	1963
19630034261	ANALYSIS OF A COMPLEX SKILL- VEHICLE DRIVING	1963
19630034262	WIND TUNNEL TESTS OF THE KAMAN KRC-6M ROTOCHUTE AT SUPERSONIC SPEEDS	1963
19630034264	ULTRAVIOLET RADIATION RESISTANCE OF ELASTOMERIC VULCANIZATES UNDER HIGH VACUUM <FINAL REPORT, MAY 1961 - MAR. 1963<	1963
19630034265	CONDENSATION HEAT TRANSFER. PART II- SOLUTION OF THE FILM CONDENSATION PROBLEM BY SUCCESSIVE ANALYTICAL ITERATION <FINAL REPORT, JAN. 1962 - FEB. 1963<	1963
19630034267	SUN IGNITION SENSITIVITY OF BASE GRAIN	1963
19630034268	EVALUATION OF A SMALL PULSE MOTOR SUITABLE FOR ATTITUDE CONTROL	1963
19630034269	TRANSONIC WIND TUNNEL TESTS OF A 0.25-SCALE MODEL XKD2B-1 BEECH TARGET DRONE WITH MODIFIED AILERONS	1963
19630034270	MODIFICATIONS AND ADDITIONS TO THE NOTS GENERAL OPTICAL RAY TRACING COMPUTER PROGRAM - SUPPLEMENT	1963
19630034271	ADVANCEMENT OF HIGH TEMPERATURE PROTECTIVE COATINGS FOR COLUMBIUM /II/ FIRST INTERIM TECHNICAL PROGRESS REPORT, FEB. 16 - JUNE 16, 1963	1963
19630034272	I.L.S. LOCALISER FEASIBILITY STUDY- PROGRESS REPORT ON INTERFERENCE FROM OVERFLYING AIRCRAFT	1963
19630034274	MEASUREMENTS OF AERODYNAMIC DERIVATIVES ON A WING WITH A SERIES OF TIP BODIES	1963
19630034279	Research Study of the Control of Large Flexible Rocket Boosters	1963
19630034283	MICROWAVE MEASUREMENT OF ELECTRON DENSITY IN SEEDED ROCKET EXHAUST GASES	1963
19630034285	ALTERED RENOPRESSOR RESPONSE-PATTERN TO ENDOTOXIN RADIATED WITH RADIO-FREQUENCY ENERGY	1963
19630034287	THE USE OF SIMPLIFIED ORBITAL THEORY FOR SATELLITES OF LARGE AREA-TO-MASS RATIO	1963
19630034288	MAGNETIC MATERIALS TECHNOLOGY FOR PPM-FOCUSED TWTS INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, 7 DEC. 1962 - 28 FEB. 1963	1963
19630034289	TEMPERATURE CONTROL SYSTEMS FOR SPACE VEHICLES	1963
19630034300	METHODS FOR ESTABLISHING A LAUNCH PHASE TRAJECTORY	1963
19630034301	Earth-Moon Transit Studies Based on Ephemeris Data and Using Best Available Computer Program	1963
19630034302	THE ENVIRONMENTAL TEST PROGRAM AND SYSTEM EVALUATION OF THE CANADIAN S-27 /TOPSIDE SOUNDER/ SPACECRAFT <FINAL REPORT<	1963
19630034304	NOZZLE CONTROL SYSTEM FOR A 40 BY 40 INCH SUPERSONIC WIND TUNNEL	1963
19630034305	LUNAR RECONNAISSANCE SYSTEMS STUDY - APPENDIX E	1963
19630034310	THE RECORDING ON PUNCHED FILM OF THE CONTINUOUSLY CHANGING BINARY CODED OUTPUT FROM SHAFT DIGITISERS	1963
19630034311	THE PRESSURE CALIBRATION OF THE R.A.E. 6 INCH DIAMETER SHOCK TUBE WITH A VIEW TO ITS USE AS THE DRIVER OF A COLD HIGH-DENSITY HYPERSONIC TUNNEL	1963
19630034313	THE PERFORMANCE OF GYROSCOPE, TWO-AXIS, TRANSMITTING TYPE IT.3-8-8	1963
19630034314	ON THE DESIGN OF A ROW OF WINDOWS IN A PRESSURIZED CYLINDRICAL FUSELAGE	1963
19630034318	DEVELOPMENT OF MINIATURIZED INITIATORS XM34, XM35, AND XM47 TECHNICAL DOCUMENTARY REPORT <JAN. 1960 - MAR. 1962<	1963
19630034319	QUALIFICATION TESTS OF T7E1 AND T8E1 THRUSTERS TECHNICAL DOCUMENTARY REPORT <MAR. 1957 - DEC. 1960<	1963
19630034321	EXPERIMENTAL RESEARCH PROGRAM OF DESIGN, FABRICATION, AND DEVELOPMENT TESTING OF HIGH-FLOTATION-TIRE TEST BED	1963
19630034322	SYNTHESIS OF METAL-CYCLOPENTADIENYL DERIVATIVES FOR USE AS ULTRAVIOLET ABSORBERS <FINAL REPORT, APR. 1962 - JAN. 1963<	1963
19630034328	RIFT <ELEVENTH< MONTHLY TECHNICAL PROGRESS REPORT, MAY 1963	1963
19630034329	RADIATION EFFECTS ON MICROWAVE DEVICES QUARTERLY PROGRESS REPORT NO. 7, 1 JAN. 1963 - 31 MAR. 1963	1963
19630034338	MANNED ORBITAL SPACE STATION STABILIZATION AND CONTROL SYSTEM ANALYSIS AND DESIGN STUDY PROGRESS REPORT	1963
19630034341	LABORATORY EXPERIMENTS RELATING TO THE LUNAR SURFACE. FINAL SUMMARY REPORT, DEC. 1, 1960 THROUGH NOV. 30, 1962	1963
19630034346	A STUDY OF THIN FILM VACUUM DEPOSITED JUNCTIONS SEMIANNUAL STATUS REPORT <DEC. 5, 1962 - JUNE 5, 1963<	1963
19630034347	COHERENT OPTICAL SURVEILLANCE DEVICES FINAL REPORT <FEB. 19, 1962 - MAR. 18, 1963<	1963
19630034349	ACOUSTIC EMISSION UNDER CYCLIC STRESS FINAL REPORT	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034351	THE REAL-TIME TELEMETRY DATA PROCESSING EFFORT AT THE LAUNCH OPERATIONS CENTER	1963
19630034354	ELEVATED TEMPERATURE FATIGUE PROGRAM THIRD QUARTERLY PROGRESS REPORT, 17 FEB. 1963 - 17 MAY 1963	1963
19630034362	RESEARCH LEADING TO THE DEVELOPMENT OF PLASMA-SUPPRESSION TECHNIQUES FOR RE-ENTRY FLIGHT QUARTERLY STATUS REPORT	1963
19630034363	MECHANISM OF OXIDATION OF POLYPHENYL ETHERS PROGRESS REPORT NO. 2, MAR. 1 - MAY 31, 1963	1963
19630034364	PRE-TEST REPORT FOR THE L-88 DART SEPARATION SIZING TEST	1963
19630034371	SEVENTH SEMI-ANNUAL REPORT, PERIOD ENDING 26 APR. 1963 <CHARGE TRANSFER CROSS SECTION MEASUREMENTS<	1963
19630034373	DEVELOPMENT OF COMPOSITE STRUCTURAL MATERIALS FOR HIGH TEMPERATURE APPLICATIONS ELEVENTH PROGRESS REPORT, 1 DEC. 1962 - 28 FEB. 1963	1963
19630034374	EXCITATION CONDITIONS IN H II REGIONS IN SPIRAL AND IRREGULAR GALAXIES	1963
19630034378	ITERATION-VARIATION PROCEDURES FOR QUANTUM MECHANICAL PERTURBATIONS	1963
19630034380	THIRD EUROPEAN SPACE FLIGHT SYMPOSIUM, STUTTGART 21-24 MAY 1963	1963
19630034388	FUNGAL GROWTHS IN AVIATION FUEL SYSTEMS. PART 3- SOME ASPECTS OF FUNGAL AND CORROSION RESISTANCE OF SEVERAL INTEGRAL-TANK LINING MATERIALS	1963
19630034390	DELTA PROJECT. FINAL SUMMARY REPORT <MAY 1959 - OCT. 1961<	1963
19630034400	LIQUID PROPELLANT LOSSES DURING SPACE FLIGHT SECOND QUARTERLY PROGRESS REPORT, JAN. 1 - MAR. 31, 1963	1963
19630034402	MULTISYSTEM TEST EQUIPMENT. FOURTH QUARTERLY INTERIM TECHNICAL REPORT <JAN. 1 - MAR. 31, 1963<	1963
19630034405	LARGE-AREA ELECTRONIC DISPLAY PANEL THIRD QUARTERLY PROGRESS REPORT, 1 DEC. 1962 THROUGH 28 FEB. 1963	1963
19630034410	A SURVEY OF THE PROBLEM OF OPTIMIZING FLIGHT PATHS OF AIRCRAFT AND MISSILES	1963
19630034411	ESTIMATING PERFORMANCE CAPABILITIES OF BOOST ROCKETS	1963
19630034412	THE OPTIMUM SPACING OF CORRECTIVE THRUSTS IN INTERPLANETARY NAVIGATION	1963
19630034413	THE ANALYSIS AND SOLUTION OF OPTIMUM TRAJECTORY PROBLEMS	1963
19630034414	A NEW APPROACH TO THE SYNTHESIS OF OPTIMAL SMOOTHING AND PREDICTION SYSTEMS	1963
19630034415	ADAPTIVE MATCHED FILTERS	1963
19630034416	OPTIMIZATION PROBLEMS IN STATISTICAL COMMUNICATION THEORY	1963
19630034417	ESTIMATORS WITH MINIMUM BIAS	1963
19630034418	ON OPTIMAL REPLACEMENT RULES WHEN CHANGES OF STATE ARE MARKOVIAN	1963
19630034419	SIMPLEX METHOD AND THEORY	1963
19630034420	THE PRESENT STATUS ON NONLINEAR PROGRAMMING	1963
19630034421	THE NUMBER OF SIMPLICES IN A COMPLEX	1963
19630034422	OPTIMIZATION IN STRUCTURAL DESIGN	1963
19630034423	GEOMETRIC AND GAME-THEORETIC METHODS IN EXPERIMENTAL DESIGN	1963
19630034424	AUTOMATION AND CONTROL IN THE SOVIET UNION	1963
19630034425	THE THEORY OF OPTIMAL CONTROL AND THE CALCULUS OF VARIATIONS	1963
19630034426	MATHEMATICAL MODEL MAKING AS AN ADAPTIVE PROCESS	1963
19630034427	AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER TO HYDROGEN AT NEAR CRITICAL TEMPERATURES AND SUPERCRITICAL PRESSURES FLOW TURBULENTLY IN STRAIGHT AND CURVED TUBES	1963
19630034429	CONSTANT AMPLITUDE FATIGUE CHARACTERISTICS OF THE WING OF A TYPICAL FIGHTER AIRPLANE	1963
19630034430	DATA MANAGEMENT AND COMMUNICATION SYSTEM- MANNED ORBITAL SPACE STATION SUMMARY REPORT APR. 8, 1963	1963
19630034432	DESIGN OF THERMAL PROTECTION SYSTEMS FOR LIQUID HYDROGEN TANKS	1963
19630034433	Research on Diffusion of Hydrogen through Palladium-Silver Alloy. Phase 2	1963
19630034434	ENGINEERING PROPERTIES OF POTASSIUM TENTH QUARTERLY REPORT, JAN. 1 THROUGH MAR. 31, 1963	1963
19630034436	ANALYTIC APPROXIMATIONS APPLIED TO LAUNCH WINDOW STUDIES	1963
19630034440	Sea Dragon Concept	1963
19630034441	LOW VISCOSITY BEARING STABILITY INVESTIGATION. QUARTERLY REPORT NO. 5 FOR PERIOD ENDING FEB. 9, 1963 1963	1963
19630034447	PROJECT DELTA FIELD FLIGHT REPORT- DELT 14, ENERGETIC PARTICLES SATELLITE /S-3B/, LAUNCHED OCTOBER 27, 1962	1963
19630034450	Launch Operation Center, Progress Report. April 13 - May 12, 1963	1963
19630034452	COMPUTER PROGRAM FOR SIZING A SPACE RADIATOR <FINAL REPORT<	1963
19630034454	SUNFLOWER ROTATIONAL SPEED CONTROL TOPICAL REPORT	1963
19630034458	SOLAR-GEOPHYSICAL DATA, PART B APR. 1963	1963
19630034459	STUDIES OF THE BRITTLE BEHAVIOR OF CERAMIC MATERIALS, PART II FINAL REPORT <DEC. 1, 1961 - NOV. 30, 1962<	1963
19630034460	EFFECT OF STRUCTURAL SIZE- THE "ZERO STRENGTH"	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034461	EFFECT OF STRAIN RATE	1963
19630034462	EFFECT OF NON-UNIFORM STRESS FIELDS (IN ITS STUDIES OF THE BRITTLE BEHAVIOR OF CERAMIC MATERIALS, PT. II)	1963
19630034463	EFFECT OF MICROSTRUCTURE	1963
19630034464	INTERNAL FRICTION MEASUREMENTS	1963
19630034465	EFFECT OF SURFACE ENERGY (IN ITS STUDIES OF THE BRITTLE BEHAVIOR OF CERAMIC MATERIALS, PT. II)	1963
19630034466	FRACTURE MECHANISMS	1963
19630034467	IMPURITY INFLUENCE	1963
19630034468	STATIC FATIGUE- DELAYED FRACTURE	1963
19630034469	EFFECT OF THERMAL-MECHANICAL HISTORY	1963
19630034470	SURFACE ACTIVE ENVIRONMENTS	1963
19630034471	DISLOCATION STUDIES	1963
19630034472	CRACK PROPAGATION	1963
19630034473	RHETROPIC BEHAVIOR, PART ONE - SINTERING STUDIES OF SUBMICRON MAGNESIUM OXIDE POWDERS	1963
19630034474	EFFECT OF POROSITY	1963
19630034477	THE THERMAL ENVIRONMENT OF THE TERRESTRIAL PLANETS, SUPPLEMENT I	1963
19630034481	DEVELOPMENT OF ECONOMIC QUANTITY/QUALITY MANUFACTURING METHODS FOR A KA-BAND TUNABLE MAGNETRON INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, <NO. 2,< DEC. 21, 1962 MAR. 21, 1963	1963
19630034485	DELTA RANGE SAFETY TRAJECTORY AND AERODYNAMIC DATA FOR THE TIROS G PAYLOAD MISSION, MODEL DSV-3B, VOLUME II	1963
19630034486	RE-ENTRY RADIATION AND AIR FLOW FOURTH QUARTERLY REPORT, MARCH 1, 1963 - MAY 31, 1963	1963
19630034490	PROPERTIES OF NON-STOICHIOMETRIC METALLIC CARBIDES QUARTERLY PROGRESS REPORT NO. 1	1963
19630034491	INSTRUMENTATION OPERATIONS ANALYSIS, PART 11B OF THE FIRING TEST REPORT JUPITER MISSILE CTL-106 NOBLE HINDS	1963
19630034492	SOLAR ACTIVITY AND FORECASTING OF SOLAR COSMIC RAY EMISSIONS	1963
19630034493	EARTH'S AEROSPACE PROPERTIES FROM 100 TO 100,000 KM ALTITUDE /PRELIMINARY/	1963
19630034495	MODEL F-8E AIRPLANES FLIGHT TEST. SUMMARY REPORT FOR THE PERIOD ENDING 31 MAY 1963	1963
19630034501	PERFORMANCE SUMMARY FOR THE BLACK BRANT III SOUNDING ROCKET VEHICLE	1963
19630034508	CHIMPANZEE PHYSIOLOGICAL TOLERANCE TO BREATHING 100 percent OXYGEN AT 15 PSI <INTERIM REPORT<	1963
19630034509	NIKE-APACHE SOUNDING ROCKETS SR-001, SR-002, SR-003, SR-004, AND SR-005 METEOROLOGICAL DATA REPORT	1963
19630034511	BENDING OF CLAMPED RECTILINEAR PLATES	1963
19630034516	A LABORATORY APPARATUS FOR THE STUDY OF SMALL FLAMES AT HIGH PRESSURE	1963
19630034517	SOOT FORMATION IN HYDROCARBON/AIR FLAMES. I-PREMIXED FLAMES OF C SUB 5 AND C SUB 6 HYDROCARBONS AT PRESSURES UP TO 20 ATMOSPHERES	1963
19630034522	STUDY OF SONIC VELOCITY AND PENETRABILITY MEASUREMENTS OF ROCK DUST UNDER VACUUM CONDITIONS STATUS REPORT NO. 3	1963
19630034523	THE EFFECT OF METHYL BROMIDE AND TRIFLUOROBROMOMETHANE ON THE LIMITS OF FLAMMABILITY OF THE SYSTEM ISOPROPYL NITRATE/AIR	1963
19630034529	SEMI-ANNUAL STATUS REPORT, OCT. 1, 1962 - MAR. 31, 1963 <FUNDAMENTAL RESEARCH ON THE IGNITION PROBLEM AND STEADY-STATE AND UNSTEADY COMBUSTION OF SOLID ROCKET PROPELLANTS<	1963
19630034530	AMPLITRON AMPLIFIERS FOR SPACE COMMUNICATIONS	1963
19630034543	RESEARCH ON EXPERIMENTAL TECHNIQUES FOR DETERMINING PILOT PERFORMANCE PARAMETERS, WITH PARTICULAR EMPHASIS ON LOW-ALTITUDE HIGH-SPEED FLIGHT SECOND PROGRESS REPORT <NOV. 16 - DEC. 31, 1962<	1963
19630034545	PROCEEDINGS OF THE FIRST SPACE VEHICLE THERMAL AND ATMOSPHERIC CONTROL SYMPOSIUM <FEBRUARY 12 AND 13, 1963<	1963
19630034546	THERMAL AND ATMOSPHERIC CONTROL FOR MANNED INTERPLANETARY VEHICLES	1963
19630034547	METHODS FOR THE SYNTHESIS OF OPTIMAL ENVIRONMENT CONTROL SYSTEMS	1963
19630034548	ANALYSIS OF THERMAL AND ATMOSPHERIC CONTROL SYSTEMS FOR SPACE VEHICLES BY APPLICATION OF DIGITAL COMPUTER TECHNIQUES	1963
19630034549	ENVIRONMENTAL CONTROL SYSTEMS FOR A MANNED MANEUVERABLE SPACE VEHICLE	1963
19630034550	THE DEVELOPMENT OF AN ENGINEERING MODEL CARBON DIOXIDE REDUCTION SYSTEM	1963
19630034551	CONTROL OF ORGANIC CONTAMINANTS IN CLOSED ATMOSPHERES	1963
19630034552	OXYGEN RECOVERY SYSTEM INTEGRATION FOR LONG-RANGE SPACE MISSIONS	1963
19630034553	THE APPLICATION OF CHEMICALLY REGENERATIVE ATMOSPHERIC CONTROL SYSTEMS	1963
19630034554	PHOTOCHEMICAL REACTIONS SIGNIFICANT IN ATMOSPHERE REGENERATION PROCESSES	1963

Accession Number (DocID)	Title	Publication Year
19630034555	SPACE RADIATOR EXPERIMENT	1963
19630034556	HEAT TRANSFER IN THE PRESENCE OF AN ELECTRIC FIELD	1963
19630034557	THERMAL ANALYSIS OF STRUCTURES INCLUDING RADIATION IN AN ENCLOSURE	1963
19630034558	A TRANSIENT HEAT TRANSFER COMPUTER ANALYSIS FOR SPACE VEHICLE APPLICATION	1963
19630034559	THE EFFECT OF ELECTRICAL POTENTIAL ON BOILING HEAT TRANSFER	1963
19630034560	THERMOELECTRIC TEMPERATURE CONTROL IN SATELLITES	1963
19630034561	SELECTION OF A TEMPERATURE CONTROL SYSTEM FOR A MARS PROBE	1963
19630034562	DYNAMIC RESPONSE ANALYSIS OF TEMPERATURE CONTROL SYSTEMS BY THE USE OF DIGITAL COMPUTER	1963
19630034563	TRANSIENT HEAT TRANSFER ANALYSIS OF SYSTEMS INVOLVNG FLUID FLOW	1963
19630034564	THE CONDENSING-EJECTOR REFRIGERATION SYSTEM FOR SPACE VEHICLES	1963
19630034565	CONTAMINATION PATTERN IN THE ENCLOSED ATMOSPHERES OF MERCURY SPACECRAFT	1963
19630034566	CONCURRENT CATHODIC REDUCTION OF CARBON DIOXIDE AND ANODIC PRODUCTION OF BREATHING OXYGEN	1963
19630034567	CHOICE OF AN ATMOSPHERE FOR AN EXTENDED SPACE MISSION	1963
19630034568	THERMAL ENVIRONMENT REQUIREMENTS IN MANNED SPACECRAFT	1963
19630034569	LITHIUM PERCHLORATE CANDLES - A LIGHTWEIGHT SOLID CHEMICAL OXYGEN SOURCE	1963
19630034570	THE USE OF ELECTRIC FIELDS TO ORIENT DIELECTRIC LIQUIDS IN A ZERO GRAVITY ENVIRONMENT	1963
19630034571	ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF SELF-THERMOSTATIC EFFECTS	1963
19630034572	SPACECRAFT THERMAL CONTROL USING CRYOGENIC HYDROGEN	1963
19630034573	THE OPTIMUM RADIATOR FOR A STEAM SPACE POWER SYSTEM	1963
19630034575	FUNDAMENTAL STUDY OF JET NOISE GENERATION AND SUPPRESSION, VOLUME I- EXPERIMENTAL AND THEORETICAL INVESTIGATIONS OF MODEL JET EXHAUST STREAM NOISE AND THE DEVELOPMENT OF NORMALIZING PARAMETERS FOR SIZE AND TEMPERATURE FINAL REPORT, APR. 1962 - MAR. 1963	1963
19630034576	EXPERIMENTAL INVESTIGATIONS, RELATED THEORY, AND DEVELOPMENT OF NORMALIZATION TECHNIQUE, PART I	1963
19630034577	AN ACOUSTICAL SIMILARITY DERIVATION FOR SUPERSONIC PLUG NOZZLES, PART II	1963
19630034579	DESIGN STUDY OF SOLID PROPELLANT ROCKET MOTOR STRUCTURAL MATERIALS. VOLUME I- MATERIALS AND FABRICATION SURVEY	1963
19630034580	DESIGN STUDY OF SOLID PROPELLANT ROCKET MOTOR STRUCTURAL MATERIALS. VOLUME II- MATHEMATICAL MODEL DEVELOPMENT AND MECHANIZATION, PART I	1963
19630034581	DESIGN STUDY OF SOLID PROPELLANT ROCKET MOTOR STRUCTURAL MATERIALS. VOLUME II, PART II-MATHEMATICAL MODEL DEVELOPMENT AND MECHANIZATION	1963
19630034582	DESIGN STUDY OF SOLID PROPELLANT ROCKET MOTOR STRUCTURAL MATERIALS. VOLUME III - BOOSTER CONFIGURATION STUDY	1963
19630034583	SIMULATED ALTITUDE QUALITY ASSURANCE TEST OF FOUR TUMBLE AND FIVE RETRO ROCKET MOTORS FOR THE MINUTEMAN WEAPONS SYSTEM	1963
19630034584	CHEMICAL AND PROPELLANT PROCESSING	1963
19630034586	DISPERSION PATTERNS OF VEHICLES WITH AERODYNAMIC AND THRUST FORCES APPLIED	1963
19630034587	BIBLIOGRAPHY OF RECONNAISSANCE INTERPRETATION, VOLUME 4	1963
19630034591	SYNTHESIS OF HIGH ENERGY SOLID OXIDIZER BINDER PROPELLANTS	1963
19630034592	SOME RESULTS OF APPLIED RESEARCH ON MATERIALS AND PROCESSES FOR PROVIDING HEAT-RESISTANT ROCKET COMPONENTS, SUPPLEMENT 4	1963
19630034593	SOLID PROPELLANT IGNITION STUDIES	1963
19630034596	THE EFFECT OF NOSE BLUNTNESS ON THE WAKE FLOW FIELD OF A 10 DEG CONICAL BODY	1963
19630034598	ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF HYPERSONIC LIFTING RE-ENTRY VEHICLES. PART I- EXPERIMENTAL PHASE. VOLUME 2- MACH NUMBER 8	1963
19630034600	DESIGN AND DEVELOPMENT OF AN ADVANCED-PROPELLANT UPPER-STAGE MOTOR	1963
19630034602	THIXOTROPIC PACKAGE LIQUID PROPELLANTS	1963
19630034603	DEVELOPMENT OF HIGH-ENERGY SOLID PROPELLANT FORMULATIONS	1963
19630034604	SYNTHESIS OF INORGANIC OXIDIZERS	1963
19630034605	[No Title]	1963
19630034606	CONTROLLABLE SOLID PROPELLANT ROCKET MOTOR	1963
19630034608	ALTITUDE PERFORMANCE INVESTIGATION OF A HIGH-ENERGY SOLID PROPELLANT USING AN AEROJET GENERAL CORPORATION 10KS2500 ROCKET MOTOR	1963
19630034655	[No Title]	1963
19630034656	RESEARCH, DESIGN, AND DEMONSTRATION OF ADVANCED COMPONENTS FOR LARGE SOLID-PROPELLANT MOTORS	1963
19630034657	HIGH PRESSURE ROCKET ENGINE FEASIBILITY PROGRAM	1963
19630034661	RESEARCH TO COMPILE UNPUBLISHED SPACE MATERIALS INFORMATION PERTAINING TO RCA SPACE CAPSULE PROGRAM	1963
19630034663	BI-ANGULAR PENETRATION AND APPROACH <FINAL REPORT, JAN. 1962 - FEB. 1963<	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034664	BERYLLIUM RESEARCH AND DEVELOPMENT PROGRAM QUARTERLY PROGRESS REPORT, OCT. 1 - DEC. 31, 1962	1963
19630034665	DIFFERENTIAL EFFECTS OF HEAT ON THE SPLENIC AND RENAL VASCULAR BEDS- VASOCONSTRICTION IN THE SPLEEN AND VASODILATION IN THE KIDNEY	1963
19630034666	NEW AND IMPROVED MATERIALS FOR EXPANDABLE STRUCTURES. PHASE II - FILM AND ELASTOMER PERMEABILITY	1963
19630034669	SATURN S-II GENERAL MANUAL PRELIMINARY EDITION APR. 1, 1963	1963
19630034670	LASER /OPTICAL MASER/ BEAM FUSION WELDING INTERIM ENGINEERING. PROGRESS REPORT, JAN. 1, 1963 - MAR. 31, 1963	1963
19630034671	AN INVESTIGATION OF THE RELIABILITY OF A MATHEMATICAL MODEL WHICH DESCRIBES KNITTED FABRICS SUBJECTED TO BIAXIAL STRESSES <FINAL REPORT>	1963
19630034672	ELECTRICAL STRAIN PRODUCERS IN FLIGHT CONTROL APPLICATIONS FINAL REPORT	1963
19630034673	RESEARCH AND INVESTIGATION OF MATERIALS FOR LASER APPLICATIONS <FINAL REPORT>	1963
19630034675	MAGNETISM AND GRAVITATION. AN ESSAY ON CELESTIAL MECHANICS	1963
19630034689	SPACE EFFORTS AND SOCIETY - A STATEMENT OF MISSION AND WORK	1963
19630034690	ANALYSIS OF MAGNETICALLY-CONTROLLED PROCESSES IN MODULATION SYSTEMS	1963
19630034692	A SKIN TEMPERATURE SURVEY DURING BOOST FLIGHT OF THE AGENA RANGER SPACE VEHICLE'S SHROUD	1963
19630034693	METEOROID BUMPER PROTECTION FOR SPACE VEHICLES - TENTATIVE DESIGN CRITERIA	1963
19630034694	PRESSURIZATION SYSTEMS	1963
19630034697	UPPER ATMOSPHERE WINDS FOR EVENING TWILIGHT, MAY 21, 1963	1963
19630034699	OAK RIDGE NATIONAL LABORATORY STATUS AND PROGRESS REPORT, JUNE 1963	1963
19630034704	ELEVATED TEMPERATURE STRESS CORROSION OF HIGH STRENGTH SHEET MATERIALS IN THE PRESENCE OF STRESS CONCENTRATORS QUARTERLY PROGRESS REPORT NO. 7, DEC. 1, 1962 - FEB. 28, 1963	1963
19630034707	TASK R QUARTERLY PROGRESS REPORT, APR. 1 - JUNE 30, 1963	1963
19630034708	[No Title]	1963
19630034709	MOLECULAR BEAM CHEMICAL KINETIC STUDIES	1963
19630034710	ROCKET NOZZLE FLUID DYNAMICS	1963
19630034720	EVALUATION OF THE BECKMAN AND PERKIN-ELMER TOTAL HYDROCARBON ANALYZERS AND THEIR CORRELATION TO THE CARBON TETRACHLORIDE SCRUBBER METHOD FOR CONDENSABLE HYDROCARBONS	1963
19630034722	A PASSIVE COMMUNICATION SATELLITE- THISTLE	1963
19630034730	PROPERTIES OF VARIOUS SPRING WIRES IN THE TEMPERATURE RANGE ROOM TEMPERATURE-500 DEG C	1963
19630034731	A PARAMETER THEORY FOR THE COMPRESSIBLE FLOW THROUGH VARIABLE AREA TURBO-MACHINES	1963
19630034732	BASIC INVESTIGATION OF THE OPERATION OF PROPELLANT ACTUATED DEVICES IN SPACE ENVIRONMENT. PHASE III - EXPERIMENTAL STUDIES, PART 2 - SOLAR RADIATION	1963
19630034733	MULTIPLE SENSORS FEASIBILITY STUDY, VOLUME II <FINAL REPORT>	1963
19630034735	SYNCHRONIZATION OF LOW DATA RATE SPREAD SPECTRUM COMMUNICATION SYSTEM	1963
19630034741	SATELLITE GEODESY	1963
19630034743	INORGANIC DIELECTRICS RESEARCH PROGRESS REPORT 6, FEB. 1, 1963 - MAY 1, 1963	1963
19630034744	A SUMMARY OF DIGITAL AND ANALOG ELECTROSTATIC-MAGNETIC DISC-DRUM RECORD DEVICES	1963
19630034745	BASE-VENTED PROPELLER	1963
19630034746	BASIC RADIATION EFFECTS MECHANISM STUDY ON ELECTRON TUBES THIRD QUARTERLY PROGRESS REPORT, DEC. 1, 1962 - FEB. 28, 1963	1963
19630034747	MISSILE SPIN MECHANISMS	1963
19630034748	ELECTRON BEAM WELDING IN VARIABLE ENVIRONMENTS INTERIM REPORT, APR. 15, 1963 - JULY 14, 1963	1963
19630034749	MONIC C - A MICROMINIATURIZED CENTRAL DIGITAL COMPUTER	1963
19630034750	Secondary Injection Roll Control Investigations, Final Report	1963
19630034751	PROGRAM SWITCH AND RECYCLE TIMER- S-3A/EXPLORER XIV/, S-3B /EXPLORER XV/, S-3C	1963
19630034752	POLAROGRAPHIC BEHAVIOR AND LARGE-SCALE ELECTROLYSIS OF SOME ALKYLNITROSAMINES	1963
19630034774	PRELIMINARY HAZARDS SUMMARY - SOLID-FUELED CRITICAL EXPERIMENT FACILITY /SCEF/	1963
19630034775	CONCEPTS AND PROCEDURES OF COST ANALYSIS	1963
19630034777	RADIATION DAMAGE IN SOLAR-POWERED SATELLITES	1963
19630034778	CHARACTERISTICS OF STEADY-STATE PRESSURES ON THE CYLINDRICAL PORTION OF CONE-CYLINDER BODIES AT TRANSONIC SPEEDS	1963
19630034779	LARGE-AREA ELECTRONIC DISPLAY PANEL FOURTH QUARTERLY PROGRESS REPORT, 1 MAR. 1963 THROUGH 31 MAY 1963	1963
19630034781	A STUDY OF POLYMERS CONTAINING SILICON-NITROGEN BONDS PROGRESS REPORT, JAN. 4 TO FEB. 3, 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034784	AN INVESTIGATION OF THE DEPLOYMENT CHARACTERISTICS AND DRAG EFFECTIVENESS OF THE GEMINI PERSONNEL DECELERATOR AT SUBSONIC AND SUPERSONIC SPEEDS	1963
19630034785	BASE RECIRCULATION ON A 10.7-PERCENT-SCALE MODEL OF THE THORAD AFTERBODY AT TRAJECTORY MACH NUMBERS OF 0.33 TO 3.05	1963
19630034786	ULTRAVIOLET EMISSION FROM CF BANDS AND CONTINUA /PRELIMINARY/	1963
19630034787	A STUDY TO OPTIMIZE THE DAMAGE DUE TO HYPERVELOCITY IMPACT	1963
19630034790	FRANCK-CONDON FACTORS AND ELECTRONIC TRANSITION MOMENT OF THE CO SUPER PLUS COMET-TAIL SYSTEM	1963
19630034791	FLOW AROUND AN ISOLATED STAGNATION POINT IN THE NEAR WAKE	1963
19630034792	THE INTERACTION OF POLYOXYMETHYLENE AND PLASMAS- INFRARED SURFACE TEMPERATURE MEASUREMENTS AND ULTRAVIOLET AND VISIBLE SPECTRA	1963
19630034793	EQUILIBRIUM AIR HYPERSONIC AXIALLY SYMMETRIC FLOW FIELD DETERMINATION FOR BLUNT BODIES	1963
19630034794	APPLIED RESEARCH ON HIGH RESOLUTION FILM SCANNING FIRST QUARTERLY INTERIM REPORT <MAY 1 - AUG. 1, 1963<	1963
19630034795	SPACE ELECTRIC POWER SYSTEMS STUDY-VOLUME I FINAL REPORT, NOV. 1961 THROUGH DEC. 1962	1963
19630034796	SPACE ELECTRIC POWER SYSTEMS STUDY - VOLUME 2 FINAL REPORT, NOV. 1961 - DEC. 1962	1963
19630034797	SPACE ELECTRIC POWER SYSTEMS STUDY-VOLUME 3 FINAL REPORT, NOV. 1961 - DEC. 1962	1963
19630034803	PROPELLANT ACTUATED DEVICES DIV. PROPELLANT ACTUATED DEVICES BI-MONTHLY PROGRESS REPORT	1963
19630034804	HERO SUPPORTING STUDIES MONTHLY PROGRESS REPORT	1963
19630034805	COMPONENTS OF PRESENT AVIATION WEATHER SERVICES, VOLUME III	1963
19630034806	LIGHT GAS GUN CHAMBER DESIGN. SUMMARY, DISCUSSIONS AND RECOMMENDATIONS	1963
19630034808	[No Title]	1963
19630034809	THE EXPERIMENTAL CORRELATION OF ROTATING DISC BURST STRENGTH WITH CONVENTIONAL MATERIAL TEST DATA PART II- ROOM TEMPERATURE INSTABILITY AND FRACTURE IN MODEL DISCS AND CORRELATION WITH BIAXIAL TENSILE TEST DATA	1963
19630034811	BURBANK MODEL 186 HELICOPTER PROGRESS REPORT, JULY 1 - AUG. 1, 1963	1963
19630034812	APOLLO GUIDANCE AND NAVIGATION, QUARTERLY RELIABILITY AND QUALITY ASSURANCE STATUS REPORT FIRST QUARTERLY PROGRESS REPORT	1963
19630034813	APOLLO GUIDANCE AND NAVIGATION SYSTEM. REQUIREMENTS OF AND INDEX TO DESIGN EVALUATION, QUALIFICATION, AND RELIABILITY TEST PROGRAM	1963
19630034814	RADAR CROSS SECTION MEASUREMENT FACILITIES STUDY, VOLUME I	1963
19630034820	APOLLO GUIDANCE AND NAVIGATION FAILURE REPORTING AND CORRECTIVE ACTION PLAN	1963
19630034823	VENUS RADAR SYSTEMS INVESTIGATIONS SEMIANNUAL STATUS REPORT, OCT. 1, 1962 - APR. 30, 1963	1963
19630034828	50-POUND THRUST ATTITUDE-CONTROL MOTORS	1963
19630034830	APOLLO GUIDANCE AND NAVIGATION. STATISTICAL DECISION THEORY FOR LOGISTICS PLANNING	1963
19630034835	A TWO-VARIABLE GENERATING FUNCTION FOR COMPUTING THE SAMPLING PROBABILITIES OF A CLASS OF WIDELY USED STATISTICS	1963
19630034836	SYSTEMS RESEARCH AND DEVELOPMENT SERVICE SUITABILITY OF 200-WATT OPEN TYPE PANCAKE FIXTURES FOR USE IN TOUCHDOWN ZONE LIGHTING SYSTEMS FINAL REPORT	1963
19630034838	SYSTEMS RESEARCH AND DEVELOPMENT SERVICE EVALUATION OF CARBON MICROPHONES FOR ATC COMMUNICATIONS SYSTEMS FINAL REPORT	1963
19630034839	UPGRADING CATEGORY II/III TESTING WITH RELIABILITY AND MAINTAINABILITY TECHNIQUES	1963
19630034840	INVESTIGATION OF THE HIGH SPEED IMPACT BEHAVIOR OF FIBROUS MATERIALS PART III. IMPACT CHARACTERISTICS OF PARACHUTE MATERIALS	1963
19630034841	DESIGN OF 12-INCH EXTRUSION PRESS	1963
19630034842	FURTHER STUDIES ON THE SHORT-EXPOSURE INHALATION TOXICITY OF PENTABORANE IN DOGS <FINAL REPORT, JUNE - OCT., 1962<	1963
19630034843	DEVELOPMENT OF THE 24-INCH PACKRAT BOOSTER MOTOR	1963
19630034844	CATEGORY II PERFORMANCE TESTS OF THE H-43B	1963
19630034845	DEVELOPMENT OF ECONOMIC QUANTITY/QUALITY MANUFACTURING METHODS FOR A KA-BAND TUNABLE MAGNETRON INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, MAR. 21 - JUNE 21, 1963	1963
19630034846	EVALUATION OF RESISTANCE STRAIN GAGES AT ELEVATED TEMPERATURES	1963
19630034847	CALIBRATION CHARACTERISTICS OF A FLOW SURVEY RAKE OF EIGHT 40-DEG CONE-CYLINDER PROBES	1963
19630034848	SMALL SCALE DIFFUSER STUDIES	1963
19630034849	AN ANALYSIS OF THE BASIC FACTORS INVOLVED IN THE PROTECTION OF TUNGSTEN AGAINST OXIDATION. PART II - RECOMMENDED RESEARCH PROGRAMS AND EXPERIMENTAL STUDY OF THE PROGRAM ON BREAKAWAY <FINAL REPORT, DEC. 31, 1961 - AUG. 31, 1962<	1963

Accession Number (DocID)	Title	Publication Year
19630034850	INVESTIGATION OF THE APPLICATION OF DYNAMIC TESTING TECHNIQUES FOR ADVANCED CREW ESCAPE SYSTEM TESTING <FINAL REPORT<	1963
19630034853	FEASIBILITY STUDY OF DATA PRESENTATION CONFIGURATIONS FOR REAL TIME FLIGHT TEST DISPLAY	1963
19630034854	ELECTRON SPIN RESONANCE AND OPTICAL ABSORPTION OF TRIVALENT IRON IN OCTAHEDRAL SITES FINAL REPORT <MAY 21, 1962 - APR. 16, 1963<	1963
19630034855	CARBONIZATION OF PLASTICS AND REFRACTORY MATERIALS RESEARCH, PART III. VOLUME I- CARBONIZATION OF PLASTICS <FINAL REPORT<	1963
19630034856	ADVERSE WEATHER TESTS OF THE YUH-1D HELICOPTER <FINAL REPORT, SEPT. 12, 1962 - JAN. 31, 1963<	1963
19630034858	A CONTINUATION OF THE SYNTHESIS AND EVALUATION OF PYRAZINE DERIVATIVES FOR USE AS FUNCTIONAL FLUIDS IN HIGH TEMPERATURE AND OXIDATION ENVIRONMENTS <FINAL REPORT, SEPT. 1, 1961 - NOV. 31, 1962<	1963
19630034867	EXPERIMENTAL INVESTIGATION OF HEAT REJECTION PROBLEMS IN NUCLEAR SPACE POWERPLANTS THIRD QUARTERLY REPORT, DEC. 1, 1962 - FEB. 28, 1963	1963
19630034868	SPECIAL STUDY OF THE RESEARCH AND DEVELOPMENT EFFORT REQUIRED TO PROVIDE A U.S. LUNAR CONSTRUCTION CAPABILITY. VOLUME ONE - PROGRAM FINAL REPORT APR. 30, 1963	1963
19630034869	SPECIAL STUDY OF THE RESEARCH AND DEVELOPMENT EFFORT REQUIRED TO PROVIDE A U.S. LUNAR CONSTRUCTION CAPABILITY. VOLUME TWO - TECHNICAL DATA FINAL REPORT APR. 30, 1963	1963
19630034870	SOME DYNAMIC CHARACTERISTICS OF ROCKS	1963
19630034871	TEST FACILITIES HANDBOOK	1963
19630034872	STUDY DESIGN, AND TEST OF EXPERIMENTAL LIQUID HYDROGEN PUMP FOR USE IN FLIGHT VEHICLE SYSTEMS. FINAL REPORT <FEB. 15, 1962 - OCT. 15, 1962<	1963
19630034873	NONSIMILAR SOLUTIONS OF THE HYPERSONIC TURBULENT WAKE INCLUDING CHEMICAL REACTIONS. /TASK 3.1 - FLOW FIELD ANALYSES - REST PROJECT/	1963
19630034874	NONLINEAR RESPONSE OF CYLINDRICAL SHELLS WITH INITIAL IMPERFECTIONS SUBJECTED TO DYNAMIC AXIAL LOADS. /TASK 5.1.4--DYNAMIC BUCKLING--REST PROJECT/	1963
19630034875	A THEORY FOR TURBULENT TRANSPORT IN PARALLEL FLOW. /TASK 3.1 - FLOW-FIELD ANALYSES - REST PROJECT/	1963
19630034876	THERMAL DEGRADATION OF THE PLASTIC ZELUX /LEXAN/. /TASK 3.12 PLASMA JET EXPERIMENTS, REST PROJECT/	1963
19630034877	MULTIPLE SCATTERING OF WAVES WITH "HOLE CORRECTIONS". /TASK 3.10 - REST PROJECT/	1963
19630034878	SPACE LABS. DIFFUSION COEFFICIENTS OF COPPER AND PLATINUM INTO COPPERPLATINUM ALLOYS <FINAL REPORT, JUNE 1962 - JUNE 1963<	1963
19630034883	METALIZED THIXOTROPIC PROPELLANTS	1963
19630034885	[No Title]	1963
19630034887	DESIGN, DEVELOPMENT AND FABRICATION OF A DIGITAL FORCE BALANCE PRESSURE TRANSDUCER MOD 574T3 PROGRESS REPORT NO. 11, FEB. 1 - FEB. 28, 1963	1963
19630034888	A NATIONAL AVIATION METEOROLOGICAL SYSTEM. VOLUME V- 1975 PRODUCT CONTENT AND DISTRIBUTION SPECIFICATIONS AND SUBSYSTEM CONFIGURATION	1963
19630034889	A NATIONAL AVIATION METEOROLOGICAL SYSTEM - 1975. VOLUME IV CURRENT RESEARCH AND DEVELOPMENT IN SUPPORT OF AVIATION WEATHER SERVICE FINAL REPORT JAN. 24, 1963	1963
19630034890	A NATIONAL AVIATION METEOROLOGICAL SYSTEM - 1975. VOLUME II - REQUIREMENTS AND DESIGN CONCEPTS	1963
19630034891	A NATIONAL AVIATION METEOROLOGICAL SYSTEM - 1975, VOLUME I SUMMARY REPORT AND COMPARATIVE STUDY OF PRESENT AVIATION WEATHER SERVICES	1963
19630034892	STERILIZATION EXPERIMENTS WITH ETHYLENE OXIDE FINAL REPORT	1963
19630034894	FEASIBILITY STUDY OF A NON-DESTRUCTIVE TESTING INFRARED INSPECTION SYSTEM FOR BONDING FLAW DETECTION FINAL REPORT	1963
19630034896	SLENDER-AIRFOIL CAMBERLINES WITH TRAPEZOIDAL LIFT DISTRIBUTIONS	1963
19630034897	STUDIES OF A VENTILATED SUPERCAVITATING PROPELLER ON A TORPEDO TEST VEHICLE. PART 3- WATER-TUNNEL AND FINAL CABLEWAY TESTS, AND OVER-ALL SUMMARY OF THE PROJECT	1963
19630034898	FRACTURE TOUGHNESS AT ROOM TEMPERATURE OF SOME REFRACTORY METALS BASED ON TUNGSTEN, MOLYBDENUM OR COLUMBIUM WHICH ARE BEING CONSIDERED FOR USE IN THE NOZZLES OF LARGE SOLID PROPELLANT ROCKETS	1963
19630034900	AN INVESTIGATION OF THE J85-GE-13 TURBOJET ENGINE ALTITUDE START CAPABILITY	1963
19630034901	FATIGUE IN SHEAR BY BENDING OF STRUCTURAL SANDWICH CONSTRUCTIONS FINAL REPORT <MAR. 15, 1962 - JAN. 15, 1963<	1963
19630034902	AN INVESTIGATION OF THE J85-GE-13 TURBOJET ENGINE OVERSPEED GOVERNOR PERFORMANCE AND VARIABLE EXHAUST NOZZLE ACTUATION FORCE LEVELS	1963
19630034903	A PRE-QUALIFICATION ALTITUDE PERFORMANCE INVESTIGATION OF THE GENERAL ELECTRIC J85-GE-13 TURBOJET ENGINE	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630034904	DIFFUSION BONDED HONEYCOMB SANDWICH PANELS. INTERIM ENGINEERING PROGRESS REPORT APR. 27 - JULY 27, 1963	1963
19630034905	Downrange Data Report - AFMTC Test No. 4512, Titan Missile M-5 (November 30, 1961)	1963
19630034906	DOWN-RANGE ANTI-MISSILE MEASUREMENT PROGRAM /DAMP/	1963
19630034907	STUDY, INVESTIGATION AND DEVELOPMENT OF SIMULTANEOUS MULTIPLE IMAGE CORRELATION /SIMICOR/ TECHNIQUES	1963
19630034908	RADAR TARGET SCATTER SITE	1963
19630034910	PROGRAMS FOR DETERMINING THE MINIMUM RE-ENTRY DISPERSION DUE TO ATMOSPHERIC VARIABILITY	1963
19630034913	STUDY OF OXIDES FOR O SUB 2 - N SUB 2 SEPARATION	1963
19630034914	STUDY OF REVERSE HYBRID PROPULSION SYSTEM	1963
19630034915	CROSSLINKING REACTIONS OF NITROCELLULOSE WITH DIEPOXIDES AND DIVINYL SULFONE	1963
19630034917	DIRECT BLEED SECONDARY INJECTION THRUST VECTOR CONTROL SYSTEM FOR LARGE SOLID PROPELLANT BOOSTERS	1963
19630034921	PRODUCTION OF SOLID OXIDIZER OF PARTICULAR SIZE AND SHAPE	1963
19630034923	GELLED HIGH ENERGY OXIDIZERS	1963
19630034926	RESEARCH ON SELECTIVE FLUORINATION TECHNIQUES	1963
19630034927	[No Title]	1963
19630034928	WEAPON SYSTEM 107A-2- /YLR87-AJ-5 AND YLR91-AJ-5 ROCKET ENGINES/	1963
19630034930	THERMODYNAMIC PROPERTIES OF BIMETALLIC COMPOUNDS	1963
19630034931	RESEARCH ON HIGH ENERGY FUELS FOR USE IN ADVANCED SOLID ROCKET PROPELLANTS	1963
19630034933	PLASTICIZATION STUDY OF PLASTISOL-GRADE NITROCELLULOSE	1963
19630034934	INVESTIGATION OF THE EFFECT OF CATALYSIS AS A MEANS OF INCREASING THE EFFICIENCY OF CERTAIN PROPELLANT SYSTEMS	1963
19630034936	DEVELOPMENT OF THERMAL BARRIER COATINGS FOR REGENERATIVELY COOLED ROCKET ENGINE THRUST CHAMBERS	1963
19630034937	SYNTHESIS OF HIGH ENERGY OXIDIZERS	1963
19630034944	STUDY OF HIGH POWER SOLID-STATE DEVICES <FINAL REPORT<	1963
19630034948	HIGH TEMPERATURE EXTRUSION LUBRICANTS THIRD INTERIM TECHNICAL PROGRESS REPORT, 9 JAN. - 9 APR. 1963	1963
19630034949	INVESTIGATION OF HIGH-TEMPERATURE REFRACTORY METALS AND ALLOYS FOR THERMIONIC CONVERTERS SECOND QUARTERLY PROGRESS REPORT	1963
19630034950	A STUDY OF SOME NON-RANDOM ASPECTS OF THE FREQUENCY OF METEORITE FALLS	1963
19630034951	FLUOROCARBON POLYMERS. POLYMERS AND TELOMERS OF PERFLUOROPENTADIENE	1963
19630034952	ELECTRONICALLY TUNED RF SELECTIVITY PROJECT TECHNICAL DOCUMENTARY REPORT <JAN. 1 - APR. 30, 1963<	1963
19630034953	AN INVESTIGATION OF TRITIUM-ACTIVATED PHOSPHORESCENT PAINT <FINAL REPORT, DEC. 1961 - DEC. 1962<	1963
19630034967	SYSTEM ANALYSIS STUDIES OF DYNAMIC FLUID SYSTEMS SUMMARY REPORT, MAY 28 - DEC. 27, 1962	1963
19630034968	MACHINING OF REFRACTORY MATERIALS FINAL REPORT <NOV. 7, 1963 - MAY 31, 1963<	1963
19630034972	DEVELOPMENT OF ULTRASONIC WELDING EQUIPMENT FOR REFRACTORY METALS INTERIM TECHNICAL PROGRESS REPORT, AUG. 1962 - JUNE 1963	1963
19630034973	XC-142 VTOL TRANSPORT PROGRAM MONTHLY PROGRESS REPORT	1963
19630034977	OPTIMUM FILAMENT-WOUND CONSTRUCTION FOR CYLINDRICAL PRESSURE VESSELS QUARTERLY REPORT NO. 5, DEC. 1, 1962 - FEB. 28, 1963	1963
19630034981	MODIFICATION OF ASR-4 RADAR INDICATOR TO PROVIDE BRIGHT DISPLAY RADAR, BEACON, ALPHA-NUMERIC AND SYMBOLIC DATA INTERIM REPORT <FEB. - APR. 1963<	1963
19630034986	DEVELOPMENT OF HIGH TEMPERATURE RESISTANT PROPELLANTS SUMMARY REPORT NO. 1, AUG. 18, 1960 - JUNE 30, 1961	1963
19630034988	DETECTION TECHNIQUES FOR HAZARDOUS VAPORS OF ELEMENTAL PROPELLANTS FINAL REPORT, MAY - DEC. 31, 1962 DAVID CHIECK,	1963
19630034989	MANUFACTURING TECHNOLOGY FOR LARGE MONOLITHIC FIBERGLASS REINFORCED PLASTIC ROCKET MOTOR CASE INTERIM ENGINEERING PROGRESS REPORT, MAY 1 - JULY 31, 1963	1963
19630034990	BIBLIOGRAPHY OF IMPACT ACCELERATION LITERATURE. ANNEX TO SYNTHESIS OF IMPACT ACCELERATION TECHNOLOGY FOR AVIATION CRASH INJURY PREVENTION /PROJECT SIAT/	1963
19630034992	SOLID STATE BEAM CONTROLLED LIGHT MODULATOR FINAL REPORT	1963
19630034993	V/STOL PERFORMANCE AND INSTALLATION DATA. LIFT FAN PROPULSION SYSTEM J85/LF2	1963
19630034994	DLG/N-35 COMMUNICATION ANTENNA ARRANGEMENT. SCALE-MODEL STUDIES OF PARALLEL-FED TOWER, 2-30 MC/S ANTENNAS	1963
19630034996	HYPERSONIC FORCE, PRESSURE, AND HEAT TRANSFER INVESTIGATIONS OF SHARP AND BLUNT SLENDER CONES	1963
19630035001	RELATIONSHIP BETWEEN DECOMPOSITION KINETICS AND SENSITIVITY	1963
19630035002	ELECTRONICALLY STEERABLE ANTENNA-FEED TECHNIQUES /ESAFT/	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035003	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC, LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. SUPPLEMENT I- DOUBLE SCOOP AIR INDUCTION SYSTEM TEST RESULTS	1963
19630035004	AEROTHERMODYNAMIC DATA AND DESIGN CRITERIA PERTINENT TO THE DEVELOPMENT OF THE PROPULSION SYSTEM OF A SUPERSONIC LOW ALTITUDE, NUCLEAR PROPELLED VEHICLE. SUPPLEMENT 3- TEST RESULTS FOR THE DOUBLE SCOOP AIR INDUCTION SYSTEM TESTED AT NASA LEWIS FEBRUARY 1963	1963
19630035006	A MODIFIED ANALYTICAL METHOD FOR ESTIMATING FLAP CHARACTERISTICS	1963
19630035007	PROGRAM 706- GUIDANCE SUBSYSTEM INVESTIGATION	1963
19630035008	PREPARATION OF HIGH ENERGY STORABLE PROPELLANTS	1963
19630035017	DEVELOPMENT OF LOW ENERGY DETONATING CORD /LEDC/ FOR EMERGENCY CREW ESCAPE SYSTEMS, SUPPLEMENT I	1963
19630035019	A NOTE ON THE NEAR-EQUILIBRIUM AND NEAR-FROZEN REGIONS IN AN EXPANSION WAVE IN A RELAXING GAS	1963
19630035022	DYNAMIC SIMULATION OF THE A4D FLASH BLINDNESS PROTECTIVE SYSTEM	1963
19630035023	STEROID-PROTEIN INTERACTIONS. X- PROTEIN BINDING OF CORTICOSTEROIDS IN THE SERUM OF ADRENALECTOMIZED AND HYPOPHYSECTOMIZED RATS	1963
19630035027	BURBANK XH-51A HELICOPTER SUMMARY REPORT, JUNE 22 THROUGH JULY 5, 1963	1963
19630035028	THE FO RADICAL AND HIGH PRESSURE REACTIONS OF N SUB 2 F SUB 2 SECOND QUARTERLY REPORT, 1 MAY 1963 - 1 AUG. 1963	1963
19630035029	GLASS REINFORCEMENTS FOR FILAMENT WOUND COMPOSITES INTERIM ENGINEERING PROGRESS REPORT, MAY - JULY 1963	1963
19630035030	MANUFACTURING METHODS FOR CONTINUOUS PROCESSING OF SOLID ROCKET PROPELLANTS. INTERIM ENGINEERING PROGRESS REPORT, 5 APR. THROUGH 4 JULY 1963	1963
19630035031	RESEARCH IN CONNECTION WITH PROPAGATION OF VERY LOW FREQUENCY /VLF/ INTERIM ANNUAL TECHNICAL REPORT, JULY 1, 1962 - JUNE 30, 1963	1963
19630035033	PRE-MILITARY RESEARCH EVALUATION CONFERENCE REPORT - MODEL XH-51A RIGID ROTOR HELICOPTER	1963
19630035035	OAK RIDGE NATIONAL LABORATORY STATUS AND PROGRESS REPORT, AUGUST 1963 SEPT. 9, 1963	1963
19630035037	SUMMARY OF ANALYSIS OF WIND AND WEATHER FACTORS ON THE NEW YORK LONDON AIR ROUTE FOR SELECTED PEAK TRAFFIC DAYS SUMMARY REPORT	1963
19630035039	A THERMOCOUPLE SUITABLE FOR USE FROM 2500 DEG TO 4500 DEG F ON AEROSPACE VEHICLES FINAL REPORT	1963
19630035040	REINFORCEMENTS FOR HIGH-TEMPERATURE STRUCTURAL COMPOSITES <FINAL REPORT, APR. 1, 1961 - MAR. 31, 1962<	1963
19630035041	RESEARCH ON THE COMPATIBILITY OF WELDED STRUCTURAL MATERIALS WITH CHLORINE TRIFLUORIDE, PERCHLORYL FLUORIDE AND A MIXTURE OF THESE FIFTH QUARTERLY PROGRESS REPORT <APR. 1 - JUNE 30, 1963<	1963
19630035043	BASIC RADIATION EFFECTS MECHANISM STUDY ON ELECTRON TUBES FOURTH QUARTERLY PROGRESS REPORT, MAR. 1, 1963 - MAY 31, 1963	1963
19630035044	CRYOGENIC STORAGE VESSEL DESIGN COMPUTER PROGRAM	1963
19630035045	DEVELOPMENT OF MINIATURE CABLE CUTTERS XM6, XM7 AND XM20	1963
19630035046	DYNAMIC TEST OF A COMMERCIAL-TYPE PASSENGER SEAT INSTALLATION IN AN H-21 HELICOPTER TECHNICAL REPORT	1963
19630035049	CONFORMAL TRANSFORMATIONS AND ELECTROMAGNETIC RADIATION	1963
19630035050	BEARING LUBRICATION UNDER SEVERE CONDITIONS. BIMONTHLY PROGRESS REPORT, JUNE - JULY, 1963 AUG. 30, 1963	1963
19630035051	BAK-6/F-27A AIRCRAFT ARRESTING BARRIER ABSORBER EVALUATION	1963
19630035053	CONTROLLED RELEASE OF ELECTROMAGNETIC RADIATION BY SIMULATED EMISSION IN LIQUID HYDROGEN FINAL REPORT	1963
19630035054	DEVELOPMENT OF IMPROVED FABRICATION METHODS, PROCESS AND TECHNIQUES FOR PRODUCING TYPICAL AIRCRAFT SHAPES FROM BERYLLIUM INTERIM REPORT, FEB. 1, 1963 - APR. 30, 1963	1963
19630035055	SYNTHESIS OF IMPACT ACCELERATION TECHNOLOGY FOR AVIATION CRASH INJURY PREVENTION /PROJECT SIAT/	1963
19630035059	RESPONSE OF RE-ENTRY VEHICLE STRUCTURES TO BLAST LOADING, PART I	1963
19630035061	AN INVESTIGATION OF RECOMBINATION AND PARTICLE LAG EFFECTS IN ROCKET NOZZLES	1963
19630035063	MODEL SPECIFICATION. ROCKET MOTOR, SOLID-PROPELLANT M-57E1- QUALIFICATION RATING TEST FOR /U/ MAY 31, 1963	1963
19630035064	PRESSURE DISTRIBUTION TESTS ON THE ASSET AEV CONFIGURATION WITH VARIOUS CONTROL SETTINGS AT MACH 8 AND 19	1963
19630035066	SYNTHESIS, CHARACTERIZATION AND EVALUATION OF METAL HYDRIDE	1963
19630035067	A STUDY OF PROPELLANTS CONTAINING DIISOCYANATES. PART III - PREPARATION OF CROSS-LINKED PLASTISOL PROPELLANTS	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035068	[No Title]	1963
19630035069	Monthly Project Progress Report Including Tentative Schedule of Operation for the Test Facilities	1963
19630035074	INVESTIGATION OF A METHOD FOR DRYING HIGH ENERGY PLASTICIZERS	1963
19630035075	DEVELOPMENT PROJECTS. (CONTRACT NORD 16640) QUARTERLY STATUS REPORT, OCT. 16, 1962 - JAN. 15, 1963	1963
19630035081	DEVELOPMENT PROGRAM FOR A FEASIBILITY DEMONSTRATION OF A SOLIDPROPELLANT PULSE ROCKET	1963
19630035082	STUDIES PERTAINING TO BAMBI BALLISTIC-MISSILE-PLUME WIND-TUNNEL RESEARCH PROGRAM. FLUID DYNAMICS RESEARCH ADDED TASK	1963
19630035083	BACCHUS WORKS WEAPONS SYSTEMS 133A-MINUTEMAN STAGE III- RELIABILITY AND FAILURE REPORT	1963
19630035084	CONTINUOUS PROCESS FOR PREPARATION OF 1-FLUORO-1, 1-DINITROETHANE /DAPHNE/	1963
19630035085	[No Title]	1963
19630035088	HIGH ENERGY OXIDIZER ENCAPSULATION	1963
19630035102	DETAILED THEORETICAL PERFORMANCE OF SOME PROPOSED LIQUID PROPELLANT SYSTEMS, VOLUME 3. CHEMICAL CORROSION OF ROCKET LINEAR MATERIALS AND PROPELLANT PERFORMANCE STUDIES	1963
19630035103	PROPORTIONAL PROPELLANT GAS VALVES	1963
19630035104	CHEMICAL REACTIONS BETWEEN PROPELLANT GASES AND NOZZLE MATERIALS	1963
19630035107	HEAT TRANSFER IN NOZZLE SYSTEMS	1963
19630035110	HIGH ENERGY PROPELLANTS FROM NITROGEN-FLUORINE COMPOUNDS - VI	1963
19630035112	RESEARCH IN PROPELLANT CHEMISTRY- ARPA SOLID PROPELLANT PROGRAM	1963
19630035113	QUARTERLY PROJECT PROGRESS REPORT FOR JANUARY, FEBRUARY, MARCH, 1963	1963
19630035114	AN OPTICAL WAVE, SEMI-ACTIVE GUIDANCE SCHEME	1963
19630035115	PHYSICAL PROPERTY STUDY OF NITROCELLULOSE PLASTISOL PROPELLANT MATRICES	1963
19630035117	SYNTHESIS OF INORGANIC OXIDIZERS	1963
19630035121	MONTHLY PROJECT PROGRESS REPORT INCLUDING TENTATIVE SCHEDULE OF OPERATION FOR THE TEST FACILITIES	1963
19630035125	MOLECULAR ORBITAL STUDIES OF HIGH ENERGY COMPOUNDS FINAL REPORT	1963
19630035126	[No Title]	1963
19630035129	SUSCEPTIBILITY OF THE MK 13 MOD 0 PROPELLANT TO THERMAL INITIATION	1963
19630035130	SENSITIVITY CHARACTERISTICS OF LIQUID EXPLOSIVE SYSTEMS	1963
19630035131	HEAT TRANSFER IN NOZZLE SYSTEMS	1963
19630035132	DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE	1963
19630035135	INVESTIGATION OF FUNDAMENTAL PHENOMENA IN HYBRID PROPULSION	1963
19630035137	JET PIPE AND BI-STABLE VALVE THRUST VECTOR CONTROL SYSTEM	1963
19630035138	MONTHLY PROJECT PROGRESS REPORT INCLUDING TENTATIVE SCHEDULE OF OPERATION FOR THE TEST FACILITIES	1963
19630035144	PHYSICAL CHEMISTRY	1963
19630035147	DEVELOPMENT OF A LOW ALTITUDE TURBULENCE MODEL FOR ESTIMATING GUST LOADS ON AIRCRAFT <FINAL REPORT, JULY 1961 - DEC. 1962<	1963
19630035148	DEMONSTRATION OF THE APPLICATION OF MAJORITY LOGIC FOR INCREASED RELIABILITY IN AUTOMATIC FLIGHT CONTROL SYSTEMS <FINAL REPORT, MAY 15, 1961 - SEPT. 30, 1962<	1963
19630035151	A TRANSISTORISED CARRIER-TYPE SERVO EQUIPMENT OF VERY HIGH PERFORMANCE FOR USE WITH GYROSCOPES AND SIMILAR DEVICES	1963
19630035154	MANEUVERING SATELLITE PROPULSION SYSTEM DEMONSTRATION	1963
19630035157	TRANSMISSION OF INTENSE ELECTROMAGNETIC RADIATION	1963
19630035158	STUDY OF FEASIBILITY OF LIMITED HARDENING OF MOBILE MISSILE SYSTEMS	1963
19630035160	POLARIS POWER-PLANT DEVELOPMENT	1963
19630035161	TEST DATA REPORT	1963
19630035163	ARPA PROJECTS	1963
19630035164	[No Title]	1963
19630035166	AERONAUTICS DIVISION QUARTERLY REVIEW - JANUARY 1963	1963
19630035168	THERMAL EROSION OF ABLATIVE MATERIALS <FINAL REPORT, JUNE 1, 1961 - MAY 31, 1962<	1963
19630035187	STRESS RUPTURE AND EXTRUSION OF ALLOYS BASED ON THE INTERMETALLIC COMPOUND NIAL	1963
19630035188	A STUDY OF THE METEOROLOGY OF MARS AND VENUS QUARTERLY PROGRESS REPORT NO. 2, 6 APR. THROUGH 5 JULY 1963	1963
19630035190	RIFT <TWELFTH< MONTHLY TECHNICAL PROGRESS REPORT, JUNE 1963	1963
19630035194	THEORETICAL STUDY OF BURST-INDUCED TRANSIENT RADIATION EFFECTS IN BASIC ELECTRONIC CIRCUITS	1963
19630035195	A MASTER CONTROL CLOCK SYSTEM FOR A HYBRID DIFFERENTIAL ANALYZER	1963
19630035196	A METHOD OF MEASURING NORMAL MODES AND FREQUENCIES WITH APPLICATION TO HEATED STRUCTURES FINAL REPORT	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035197	MOLECULAR ELECTRONICS-DENDRITIC APPROACH <FINAL REPORT, APR. 1959 - DEC. 1961<	1963
19630035200	INVESTIGATION OF PRECISION ANTENNA PATTERN RECORDING AND DISPLAY TECHNIQUES FINAL REPORT	1963
19630035203	SITING FACTORS FOR VORTAC	1963
19630035205	HIGH RESOLUTION PULSE COMPRESSION TECHNIQUE STUDY	1963
19630035206	PREPARATION AND CHARACTERIZATION OF COMPOUND F SUB 11 BG AND ITS MIXTURES WITH OTHER OXIDIZERS	1963
19630035207	[No Title]	1963
19630035208	MONTHLY PROJECT PROGRESS REPORT, INCLUDING TENTATIVE SCHEDULE OF OPERATION FOR THE TEST FACILITIES	1963
19630035210	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM	1963
19630035217	SHILLELAGH. GUIDED MISSILE SUBSYSTEM	1963
19630035219	MULTI-CORE ASSEMBLY AUTOMATIC TEST PROGRAM	1963
19630035220	PERFORMANCE TESTS ON AN AMPLIFIER-ACCELEROMETER SYSTEM	1963
19630035221	THERMAL PROPERTIES OF REFRACTORY MATERIALS FOURTH QUARTERLY PROGRESS REPORT	1963
19630035222	TWO-DIMENSIONAL AND AXI-SYMMETRIC LAMINAR COMPRESSIBLE BOUNDARY LAYER WITH PRESSURE GRADIENT AND HEAT TRANSFER	1963
19630035225	Static Electrical-to-Electrical Energy Conversion from Direct Current Sources	1963
19630035227	THE MISSION FOR A MANNED EXPEDITION TO MARS	1963
19630035230	COMMITTEE ON SPACE SEMI-ANNUAL STATUS REPORT, 1 OCTOBER 1962 - MARCH 1963 <SPACE EFFORTS AND SOCIETY<	1963
19630035231	OPTIMUM DIGITAL ADAPTIVE ATTITUDE CONTROL SYSTEM FOR SPACE VEHICLES FIRST QUARTERLY REPORT	1963
19630035232	DELTA 15- LAUNCHED DECEMBER 13, 1962	1963
19630035253	[No Title]	1963
19630035254	ADVANCED OXIDIZER RESEARCH COMBINED REPORT	1963
19630035255	DIFLUORAMINE CHEMISTRY REPORT PERIOD, 1 JAN. - 31 MAR. 1963	1963
19630035256	SYNTHESIS OF COMPOUNDS FOR STRUCTURE-SENSITIVITY STUDY REPORT PERIOD, 15 DEC. - 31 MAR. 1963	1963
19630035257	STABILIZATION OF HIGH ENERGY SOLID OXIDIZERS REPORT PERIOD, 1 NOV. 1962 - 31 MAR. 1963	1963
19630035258	INORGANIC CHEMISTRY OF THE OXYGEN SUBFLUORIDES REPORT PERIOD, 16 JAN. 1963 - 1 APR. 1963	1963
19630035261	VULNERABILITY OF SATELLITES TO COMET	1963
19630035266	INVESTIGATION OF FUNDAMENTAL PHENOMENA IN HYBRID PROPULSION	1963
19630035267	HIGH-ENERGY STORABLE LIQUID PROPELLANT SYSTEM, VOL. 2	1963
19630035271	DIRECT BLEED SECONDARY INJECTION THRUST VECTOR CONTROL SYSTEM FOR LARGE SOLID PROPELLANT BOOSTERS	1963
19630035274	DESIGN REPORT FOR RL10A-3 ROCKET ENGINE	1963
19630035277	ACCEPTANCE TRIALS ON MODEL A-5A /A3J-1/ AIRCRAFT, VOLUMES I AND II. FINAL REPORT	1963
19630035278	TECHNICAL INFORMATION AND LIBRARY SERVICES NOISE BIBLIOGRAPHY, VOLUME 2	1963
19630035280	ON THE THEORY OF ACCOMMODATION COEFFICIENTS. III. CLASSICAL PERTURBATION THEORY FOR THE THERMAL ACCOMMODATION OF LIGHT GASES	1963
19630035281	NEW PIEZO-ELECTRIC PRESSURE TRANSDUCERS FOR AERODYNAMIC RESEARCH	1963
19630035282	POWER SPECTRA OF LOW LEVEL ATMOSPHERIC TURBULENCE MEASURED FROM AN AIRCRAFT	1963
19630035283	HEAT TRANSFER FROM A FLAT SURFACE BY ROTATING FLOWS	1963
19630035284	HIGH TEMPERATURE PROPERTIES OF SODIUM AND POTASSIUM NINTH PROGRESS REPORT FOR PERIOD, 1 OCT. - 31 DEC., 1962	1963
19630035289	ANALOGIES BETWEEN HIGHER ORDER ANALYTICAL AND NUMERICAL PERTURBATION-ITERATION METHODS	1963
19630035293	ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF HYPERSONIC LIFTING RE-ENTRY VEHICLES. PART I- EXPERIMENTAL PHASE, VOLUME 3, MACH NUMBERS 10 AND 18.6	1963
19630035296	EXPITAXIAL INAS PHOTOCONDUCTORS. SECOND INTERIM REPORT	1963
19630035297	DEVELOPMENT AND TESTING OF ADVANCED HIGH ENERGY SOLID PROPELLANT	1963
19630035298	BASIC RESEARCH IN SOLID OXYGEN OXIDIZERS	1963
19630035299	[No Title]	1963
19630035300	STUDY OF ELECTROMAGNETIC RADIATION	1963
19630035301	SOLID-PROPELLANT STRUCTURAL-INTEGRITY INVESTIGATIONS /PROPELLANTLINER BOND STUDIES/	1963
19630035302	WEAPON SYSTEM 133A- PRODUCTION OF M56 SECOND-STAGE MINUTEMAN MOTORS	1963
19630035303	WEAPON SYSTEM 133A. PRODUCTION OF M56A1 SECOND-STAGE MINUTEMAN MOTORS	1963
19630035304	SOLID PROPELLANT STRUCTURAL INTEGRITY INVESTIGATIONS /PROPELLANTLINER BOND STUDIES/	1963
19630035305	STUDIES OF THERMAL RESISTANT PROPELLANTS FOR POWER ACTUATED DEVICES	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035306	THERMODYNAMIC PROPERTIES OF BIMETALLIC COMPOUNDS	1963
19630035308	NONEQUILIBRIUM COMBUSTION	1963
19630035309	RESEARCH AND ENGINEERING PROJECTS	1963
19630035310	NEGATIVE ION BEAM NEUTRALIZATION	1963
19630035311	RESEARCH IN PROPELLANT CHEMISTRY	1963
19630035313	HEAT-TRANSFER AND PRESSURE DISTRIBUTION ON TWO DELTA WING CONFIGURATIONS AT MACH NUMBER 20	1963
19630035314	HETEROGENEOUS PROPELLANT PROGRAM	1963
19630035315	PROPELLANTS DIVISION QUARTERLY PROGRESS, 1 OCTOBER - 31 DECEMBER 1962	1963
19630035316	RESEARCH ON HIGH-DENSITY LIQUID-PROPELLANT GELS	1963
19630035317	[No Title]	1963
19630035319	SHOCK TUNNEL TESTING OF SCRAMJET INLETS	1963
19630035322	RELATIONSHIP BETWEEN DECOMPOSITION KINETICS AND SENSITIVITY	1963
19630035323	AERODYNAMIC INVESTIGATIONS OF THE PROJECT ASSET CONFIGURATION IN THE NOL 4-IN. HYPERSONIC SHOCK TUNNEL NO. 3	1963
19630035324	COMPILATION OF NUCLEAR, PULSED, AND SPACE RADIATION EFFECTS PROJECTS	1963
19630035325	WEAPON SYSTEM 133A. ROCKET MOTOR M-57-E1. QUICK-LOOK REPORT, WING II CONTINUED DEVELOPMENT, FIRING NUMBER SD-28	1963
19630035326	[No Title]	1963
19630035327	COMBUSTOR ENDURANCE OF A YJ93-GE-3 TURBOJET ENGINE IN AN ALTITUDE TEST CELL	1963
19630035328	SIMPLE VAPOR PRESSURIZATION SYSTEM FOR A LIQUID ROCKET ENGINE	1963
19630035331	MAXIMUM RANGE AND SEARCH CAPABILITY COMPARISONS FOR PASSIVE INFRARED, PULSED LASER, AND PULSED RADAR DETECTION SYSTEMS	1963
19630035336	GENERAL RANGE EQUATION FOR OPTICAL COMMUNICATIONS IN SPACE	1963
19630035338	AN EXPERIMENTAL INFRARED IMAGE TUBE TRACKING SYSTEM	1963
19630035339	SPECTRAL INFORMATION ACCURACY OF THE INFRARIMETRY SEARCH SET	1963
19630035341	METAL BOLOMETER ARRAYS	1963
19630035345	AN/FPS-85 RADAR /SYSTEM "A"/	1963
19630035348	ADVANCED TEST METHODS FOR DETERMINING OPERATIONAL CHARACTERISTICS OF PROPELLANTS	1963
19630035349	EVALUATION OF HYDRIDES AS HIGH ENERGY FUELS FOR PROPELLANTS	1963
19630035350	BURBANK MODEL 186 HELICOPTER PROGRESS REPORT NO. 19, 1 AUG. TO 1 SEPT. 1963	1963
19630035351	LUNAR LOGISTIC SYSTEM. VOLUME III- EARTH-MOON TRANSITS BY AEROBALLISTICS DIVISION	1963
19630035352	A MATHEMATICAL TECHNIQUE FOR EVALUATION OF LUNAR TRANSPORTATION SYSTEMS	1963
19630035353	LUNAR LOGISTIC SYSTEM. VOLUME XI- LUNAR TOUCHDOWN BY AEROBALLISTICS DIVISION	1963
19630035355	INSTRUMENTATION OPERATIONS ANALYSIS. PART IIB OF THE FIRING TEST REPORT SATURN VEHICLE SA-4	1963
19630035357	LAUNCH COUNTDOWN. PART IV OF THE FIRING TEST REPORT SATURN I, VEHICLE SA-4	1963
19630035365	OAK RIDGE NATIONAL LABORATORY STATUS AND PROGRESS REPORT, MAY 1963	1963
19630035366	A STUDY OF THE TEMPERATURE DISTRIBUTION WITHIN AIRCRAFT-FUEL FIRES	1963
19630035368	SHIELDED CERAMIC COMPOSITE STRUCTURE INTERIM ENGINEERING PROGRESS REPORT, 1 JUNE 1963 - 31 AUG. 1963	1963
19630035369	STUDY OF A SERVO ACTUATOR DESIGN AND TEST AND FABRICATION OF AN EXPERIMENTAL MODEL <FINAL REPORT, APR. 1961 - MAR. 1962<	1963
19630035370	PARALLEL NETWORK COMPUTER /SOLOMON/: SOLOMON BREADBOARD TECHNICAL REPORT	1963
19630035371	EVALUATION OF A HU-1B EQUIPPED WITH THE XM-153 ARMAMENT KIT TECHNICAL DOCUMENTARY REPORT, <AUG. 28, 1962 - SEPT. 13, 1963<	1963
19630035372	AN EXPERIMENTAL STUDY OF AN UPSTREAM SUPPORT SYSTEM IN AN ASYMMETRIC SUPERSONIC NOZZLE	1963
19630035373	FEASIBILITY STUDY FOR A PROTOTYPE LASER SCHLIEREN SYSTEM	1963
19630035376	QUANTIZATION OF GENERALLY COVARIANT FIELD THEORIES <FINAL REPORT<	1963
19630035377	STUDY OF SPACE VEHICLE ENGINE POSITION CONTROL SYSTEMS THIRD TECHNICAL REPORT, 16 FEB. 1962 - 15 MAY 1962	1963
19630035380	FLIGHT REPORT FOR VEHICLE S/N 358/20003/200006, DELTA PROGRAM - MISSION NO. 16, SPACECRAFT- SYNCOM A-25	1963
19630035381	EVALUATION PROGRAM FOR NICKEL CADMIUM SEALED CELLS. ACCEPTANCE TEST OF SONOTONE CORPORATION 5.0 AMPERE HOUR "F" CELLS	1963
19630035382	MICROMETEOROLOGICAL RESEARCH PROGRAM	1963
19630035383	PERFORMANCE TEST OF AN HU-1B HELICOPTER EQUIPPED WITH SS-11 MISSILES	1963
19630035385	INSENSIBLE WEIGHT LOSS OF CLOTHED RESTING SUBJECTS IN COMFORT TEMPERATURES <FINAL REPORT<	1963
19630035386	AN INVESTIGATION OF PHYSICO-CHEMICAL METHODS FOR DETECTING TOXIC PROPELLANTS <FINAL REPORT, JAN. - DEC. 1962<	1963
19630035387	MODEL F-8E AIRPLANES FLIGHT TEST SUMMARY REPORT FOR THE PERIOD ENDING 31 AUGUST 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035389	<FLEX FATIGUE RESISTANCE OF GLASS YARNS USING A B. F. GOODRICH FLEXOMETER< FIFTH QUARTERLY PROGRESS REPORT, MAY 1, 1963 - JULY 31, 1963	1963
19630035390	LASER /OPTICAL MASER/ BEAM FUSION WELDING. INTERIM ENGINEERING PROGRESS REPORT, 1 APR. 1963 - 31 JUNE 1963	1963
19630035393	EVALUATION PROGRAM FOR NICKELCADMIUM SEALED CELLS. ACCEPTANCE TEST OF GOULD-NATIONAL BATTERIES, INC. 20.0 AMPERE HOUR CELLS	1963
19630035394	AN ITERATIVE GUIDANCE SCHEME AND ITS APPLICATION TO LUNAR LANDING	1963
19630035398	EVALUATION PROGRAM FOR NICKEL CADMIUM SEALED CELLS. ACCEPTANCE TEST OF GENERAL ELECTRIC COMPANY 12.0 AMPERE HOUR CELLS	1963
19630035403	RESEARCH AND DEVELOPMENT OF AN OPEN-CYCLE FUEL CELL SYSTEM FOURTH QUARTERLY REPORT, 1 APR. - 30 JUNE 1963	1963
19630035405	LOW VISCOSITY BEARING STABILITY INVESTIGATION. QUARTERLY PROGRESS REPORT NO. 6 FOR PERIOD ENDING MAY 9, 1963	1963
19630035410	FUTURE BOOSTERS - NOVA AND BEYOND	1963
19630035411	COMPUTER EVALUATION OF RAWINSONDE OBSERVATIONS	1963
19630035416	XH-51A HELICOPTER. SUMMARY REPORT 31, AUG. 17 - AUG. 30, 1963	1963
19630035419	AN OPTICAL RADIUS OF VENUS FROM PHOTOGRAPHS TAKEN AT INFERIOR CONJUNCTION	1963
19630035420	ON TRANSIENT LOADING EFFECTS IN CAVITATION PITTING	1963
19630035421	JOINT COST AND PRICE DISCRIMINATION- THE PROBLEM OF COMMUNICATIONS SATELLITES	1963
19630035424	INTERPLANETARY SOLAR-WIND MEASUREMENTS BY MARINER II	1963
19630035428	INHERENT AND ADAPTIVE NONLINEAR CHARACTERISTICS IN MANUAL CONTROL SYSTEMS	1963
19630035430	CALCULATION OF THE ONE-DIMENSIONAL FREQUENCY RESPONSE BY USE OF THE SAMPLING THEOREM BASIC FORTRAN PROGRAM	1963
19630035433	IMPREGNANTS FOR EXPANDABLE RIGIDIZABLE AEROSPACE STRUCTURES QUARTERLY PROGRESS REPORT NO. 4, 1 MAY 1963 TO 31 JULY 1963	1963
19630035434	THE ANOMALOUS ENTRY OF LOW RIGIDITY SOLAR COSMIC RAYS INTO THE GEOMAGNETIC FIELD	1963
19630035436	DELTA RANGE SAFETY TRAJECTORY AND AERODYNAMIC DATA FOR THE S-17 SPACECRAFT MISSION VOLUME II, MODEL NO. DSV-3B,	1963
19630035437	DYSPROSIUM AS AN INDIGESTIBLE MARKER AND ITS DETERMINATION VIA INSTRUMENTAL ACTIVATION ANALYSIS	1963
19630035438	Geomagnetically Trapped Particles And Cosmic Radiation	1963
19630035439	MEASUREMENTS MADE IN THE EARTH'S MAGNETOSPHERE BY MEANS OF CHARGED PARTICLE TRAPS ABOARD THE MARS 1 PROBE	1963
19630035440	SOME NOTES ON THE OUTERMOST BELT OF CHARGED PARTICLES, SUPPLEMENT	1963
19630035441	PHYS. UPPER ATMOSPHERE RESEARCH BY USING ARTIFICIAL EARTH SATELLITES "COSMOS 3" AND "COSMOS 5" I- EQUIPMENT	1963
19630035442	UPPER ATMOSPHERE RESEARCH BY USING ARTIFICIAL EARTH SATELLITES COSMOS -3 AND COSMOS -5	1963
19630035443	PHYS. UPPER ATMOSPHERE RESEARCH BY USING ARTIFICIAL EARTH SATELLITES COSMOS -3 AND COSMOS -5 III- HIGH-ENERGY CORPUSCULAR RADIATION	1963
19630035444	THE EARTH AND RADIATION BELTS STRUCTURE AT AN ALTITUDE OF 320 KILOMETERS	1963
19630035445	THE AURORA AND THE AIRGLOW	1963
19630035446	INVESTIGATION OF COSMIC RAYS	1963
19630035447	COLLEGE OF ENGINEERING THE GENERAL CONSERVATION LAWS OF A DILUTE PLASMA FINAL REPORT	1963
19630035448	THE INTERACTION OF MICROMETEORITES WITH GASEOUS TARGETS	1963
19630035449	A SPECTRAL SCANNING THEORY OF COLOR VISION	1963
19630035455	METHOD OF PRODUCING IMPROVED BEARING COMPONENTS BY ELIMINATION OR CONTROL OF FIBER ORIENTATION, INCLUDING MAGNETIC ANALYSIS <REPORT NO. 15, DEC. 16, 1962 TO JULY 15, 1963<	1963
19630035461	THE PLASMA RESEARCH LABORATORY STATUS REPORT	1963
19630035463	TABLES AND GRAPHS OF ZEROS OF CROSS PRODUCT BESSEL FUNCTIONS $J'_{\nu} \text{SUB } P / X_{\nu} / Y'_{\nu} \text{SUB } P / KX_{\nu} / - J'_{\nu} \text{SUB } P / KX_{\nu} / Y'_{\nu} \text{SUB } P / X_{\nu} / \text{EQUALS } 0$	1963
19630035465	Stability Analysis of Saturn SA-4 Closed Loop Accelerometer Control	1963
19630035466	A SEQUENTIALLY INTERROGATED METEOROID PENETRATION SENSOR TECHNICAL REPORT	1963
19630035467	THEORETICAL STUDIES ON THE RELATIONSHIP BETWEEN THE THERMIONIC WORK FUNCTION OF REFRACTORY METAL INTERMETALLIC COMPOUNDS AND THEIR ELECTRONIC AND CRYSTAL STRUCTURES <SEMI-ANNUAL< PROGRESS REPORT NO. 1, 1 JAN. - 30 JUNE 1963	1963
19630035471	DELTA SPACECRAFT DESIGN RESTRAINTS. DELTA PAYLOAD CAPABILITIES	1963
19630035473	Delta Monthly Technical Progress Report	1963
19630035477	EXTENDED 1-10 MEGAWATT STUDY. PARAMETRIC DATA FOR 250 TO 500 KW ELECTRIC POWER SYSTEMS	1963
19630035479	INVESTIGATION OF HUMAN PURSUIT TRACKING	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035480	ESTABLISHMENT OF MANUFACTURING METHODS FOR CROSSED-FIELD AMPLIFIERS AT P-, S-, AND X-BANDS. INTERIM ENGINEERING PROGRESS REPORT, MAY 1, - JULY 31, 1963	1963
19630035481	FEASIBILITY STUDY OF A MODULATED THRUST ROCKET MOTOR FOR EMERGENCY CREW ESCAPE SYSTEMS	1963
19630035482	PERFORMANCE PREDICTIONS AND SIZING CALCULATIONS FOR SATURN S-1C TVC SYSTEM- 17-200 ACTUATOR, 16-140 VALVE	1963
19630035483	REPORT ON PROJECT DELTA LAUNCHED OCTOBER 2, 1962	1963
19630035484	ASTRONAUTICS AND AERONAUTICS - 1963. CHRONOLOGY OF SCIENCE AND TECHNOLOGY IN THE EXPLORATION OF SPACE, INDEX. JANUARY - APRIL 1963	1963
19630035486	LARGE SEGMENTED FIBERGLASS REINFORCED PLASTIC ROCKET MOTOR CASES INTERIM ENGINEERING PROGRESS REPORT, 4 APR. - 31 JULY, 1963	1963
19630035489	A COMBINED SYSTEM CONCEPT FOR CONTROL OF THE METEOROID HAZARD TO SPACE VEHICLES	1963
19630035491	THE EFFECT OF NUCLEATION OF SURFACE SLIP ON THE FLOW AND FRACTURE OF BERYLLIUM	1963
19630035492	THE ABSOLUTE QUANTUM YIELD OF SODIUM SALICYLATE. TECHNICAL NOTE NO. 7	1963
19630035494	ENERGETIC PARTICLES IN THE MAGNETOSPHERE	1963
19630035497	NASA SYSTEM DESIGN AND RESEARCH BIMONTHLY PROGRESS REPORT, 1 JUNE - 31 JULY 1963	1963
19630035499	PERFORMANCE SUMMARY FOR THE ASTROBEE 1500 SOUNDING ROCKET VEHICLE	1963
19630035506	RADIATIVE ENERGY TRANSFER ON ENTRY INTO MARS AND VENUS QUARTERLY REPORT NO. 5	1963
19630035507	TRANSIENT RADIATION EFFECTS ON ELECTRONIC PARTS FIFTH QUARTERLY PROGRESS REPORT, APR. 1, 1963 - JUNE 30, 1963	1963
19630035509	SOME OBSERVATIONS ON AIR AND CORROSION FATIGUE FRACTURE SURFACES OF ALUMINIUM - 7.5 ZINC -2.5 MAGNESIUM	1963
19630035512	ANALYSIS OF THE TWO TRANSISTOR DOUBLE BALANCED MODULATOR AND THE FOUR TRANSISTOR RING MODULATOR	1963
19630035513	EFFECTS OF IMPURITIES OF CESIUM FUEL UPON ION ENGINES FINAL REPORT <JUNE 1, 1962 - APR. 15, 1963<	1963
19630035516	THE EFFECT OF INCIDENCE ON SONIC BANG INTENSITIES	1963
19630035517	THE EFFECT OF METEOROLOGICAL VARIATIONS ON THE STATISTICAL SPREAD IN THE INTENSITY OF BANGS AT LARGE DISTANCES FROM THE SOURCE	1963
19630035518	THE EFFECT OF STORAGE ON THE STRENGTH OF GLASS	1963
19630035519	THE EFFECT OF TIME AND TEMPERATURE ON THE STRENGTH OF TOUGHENED GLASS	1963
19630035520	THE DESIGN OF AN INSTRUMENT FOR THE MEASUREMENT OF RADIOFREQUENCY CURRENTS INDUCED INTO WEAPON CIRCUITS CONTAINING ELECTRO-EXPLOSIVE DEVICES OF THE WIRE-BRIDGE TYPE	1963
19630035521	THE CALCULATION OF TELEVISUAL DETECTION RANGE	1963
19630035526	AN INVESTIGATION INTO THE EFFECTS OF METALLURGICAL CONDITION ON THE SUSTAINED LOAD FAILURE OF HIGH STRENGTH STEELS	1963
19630035527	PREPARATION AND PROPERTIES OF AROMATIC POLYSULFONATES FINAL REPORT <NOV. 1961 - OCT. 1962<	1963
19630035529	QUARTERLY RESEARCH REVIEW NO. 4, 1 JANUARY THROUGH 31 MARCH 1963	1963
19630035534	ON THE ANALYSIS OF THE DISLOCATION RELAXATION IN METALS	1963
19630035535	RADIATION DAMAGE - ELECTRON IMPACT <SEMI-ANNUAL< STATUS REPORT <MAR. 1, - AUG. 31, 1963<	1963
19630035537	AERODYNAMICS OF THE SATURN IB REDESIGNED FIN	1963
19630035539	QUARTERLY PROGRESS REPORT NO. 7, OF THE RADIO SYSTEMS DIVISION, JANUARY - MARCH 1963	1963
19630035541	AN ANTENNA RADIATION PATTERN MEASURING RESEARCH INSTRUMENT	1963
19630035544	VAPORIZATION AND THERMIONIC EMISSION OF REFRACTORY MATERIALS. EIGHTH STATUS REPORT, MAR. 1 - JUNE 30, 1963	1963
19630035559	DESIGN, DEVELOPMENT, AND FABRICATION OF ULTRA-HIGH STRENGTH SOLID PROPELLANT ROCKET MOTOR CASES QUARTERLY PROGRESS REPORT NO. 1, MAY 20, 1963 TO AUG. 20, 1963	1963
19630035562	THE VELOCITY FIELD OF O-B5 STARS IN THE VICINITY OF THE SUN	1963
19630035563	ON THE NATURE OF VAN BIESBROECK'S STAR & 4 DEG 40'48" B	1963
19630035565	A PRECESSION DAMPER FOR SPIN-STABILIZED SATELLITES	1963
19630035569	ISOTHERMAL SECANT AND TANGENT BULK MODULUS OF SELECTED HYDRAULICTYPE FLUIDS TO 750 DEG F AND 10,000 PSIG SPECIAL REPORT	1963
19630035570	TECHNIQUES FOR SYNCHRONIZING PULSE-CODE-MODULATED TELEMETRY	1963
19630035571	STUDY OF PULSED RADIATION EFFECTS ON MICROWAVE FERRITE DUPLEXERS FOURTH QUARTERLY REPORT, 1 FEB. - 30 APR. 1963	1963
19630035572	ADVANCED NUCLEAR ELECTRIC POWER GENERATOR SYSTEM STUDY PARAMETRIC STUDIES REPORT	1963
19630035574	FABRICATION OF LARGE DIAMETER TITANIUM PRESSURE VESSELS BY THE SPIRAL WRAP METHOD FINAL REPORT, JULY 1, 1960 - APR. 15, 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035582	RIFT ENVIRONMENTAL SPECIFICATION	1963
19630035584	EXTREME VACUUM TECHNOLOGY /BELOW 10 SUPER-13 TORR/ AND ASSOCIATED CLEAN SURFACE STUDIES QUARTERLY STATUS REPORT NO. 2, 1 MAY - 1 AUG. 1963	1963
19630035591	THE SYNTHESIS AND UTILIZATION OF LOW MOLECULAR WEIGHT OZONIDES FOR AIR REVITALIZATION PURPOSES QUARTERLY PROGRESS REPORT NO. 2	1963
19630035595	TRAVELING WAVE TUBE PRODUCT SECTION MAGNETIC MATERIALS TECHNOLOGY FOR PPM-FOCUSED TWTS	1963
19630035596	ELASTOMER PROGRAM TRENDS AT EUROPEAN RESEARCH INSTITUTES	1963
19630035597	NEW AND IMPROVED MATERIALS FOR EXPANDABLE STRUCTURES. PHASE IV - HIGH-TEMPERATURE PROTECTIVE STUDY	1963
19630035598	A PRELIMINARY EVALUATION OF EFFECTIVENESS OF RUNWAY MARKING IN FOG WITH BRIGHT SUNSHINE OVERHEAD INTERIM REPORT NO. 4	1963
19630035599	PROGRESS TO DATE IN THE ESTABLISHMENT OF A BRAIN STIMULATION LABORATORY ANNUAL PROGRESS REPORT, 1 JULY 1962 - 1 JAN. 1963	1963
19630035606	EFFECT OF LOW DENSITY, INERT GAS FLUSH ON OXYGEN-COLUMBIUM REACTION AT 1500 DEG F TO 2000 DEG F	1963
19630035608	FEASIBILITY STUDY TOWARD DEVELOPMENT OF RADIATION RESISTANT SOLAR CELL FINAL REPORT, NOV. 1 1961 - JAN. 31, 1963	1963
19630035609	A FORTRAN PROGRAM TO DESIGN AN AXIALLY-SYMMETRIC LAVAL NOZZLE FOR A PARALLEL AND UNIFORM JET	1963
19630035611	FEASIBILITY STUDY IMPROVED THRUSTER DAMPER MEDIA PROPELLANT GAS DAMPING	1963
19630035612	STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONIC PARTS AND MATERIALS. TENTH QUARTERLY PROGRESS REPORT, 1 OCT. 1962 - 31 JAN. 1963	1963
19630035615	ANALYTICAL STUDIES OF THERMIONIC NETWORKS QUARTERLY PROGRESS REPORT, APR. 1 - JUNE 30, 1963	1963
19630035616	DEVELOPMENT OF DIES FOR EXTRUSION OF COMPLEX SHAPES OF STEEL AND REFRACTORY ALLOYS INTERIM ENG. PROGR. REPT. 1 APR. 1963 - 30 JUNE 1963	1963
19630035617	A PROGRAM FOR COMPUTING THERMOCHEMICAL EQUILIBRIUM BEHIND A MOVING SHOCK WAVE /TASK 3.5--GAS DYNAMICS--REST PROJECT/	1963
19630035618	NATURAL COMMUNICATIONS STUDY. PHASE I - FEASIBILITY STUDY ON A RELIABLE POLAR HIGH-FREQUENCY COMMUNICATIONS SYSTEM FINAL REPORT	1963
19630035619	THE ROLE OF PREFERRED ORIENTATION ON THE ELASTIC AND PLASTIC PROPERTIES OF METALS AT HIGH TEMPERATURES	1963
19630035620	PROCESS DEVELOPMENT FOR INTERNAL ROLL EXTRUSION OF LARGE ROCKET MOTOR CASES INTERIM ENG. PROG. REPT., 1 JUNE 1963 - 31 AUG. 1963	1963
19630035621	HIGH TEMPERATURE EXTRUSION LUBRICANTS FOURTH INTERIM TECH. PROGR. REPT. 9 APR. 1963 - 9 JULY 1963	1963
19630035622	THE DECAY MODES ETA MESON YIELDS PHOTON & POSITRON & ELECTRON AND ETA MESON YIELDS PHOTON & POSITIVELY CHARGED MUON & NEGATIVELY CHARGED MUON. E. CELEGHINI /FLORENCE U./ AND R. GATTO MAR. 25, 1963 5P /ITS NOTA INTERNA 188, LNF-63/16/	1963
19630035624	DEVELOPMENT OF IMPROVED FABRICATION METHODS, PROCESSES AND TECHNIQUES FOR PRODUCING TYPICAL AIRCRAFT SHAPES FROM BERYLLIUM INTERIM ENG. PROGR. REPT., 1 MAY 1963 - 31 JULY 1963	1963
19630035625	DIFFUSION BONDED HONEYCOMB SANDWICH PANELS INTERIM ENGINEERING PROGRESS REPORT, OCT. 27, 1962 - JAN. 27, 1963	1963
19630035626	STRESS ANALYSIS OF TWO INTERSECTING CYLINDRICAL SHELLS. QUARTERLY PROGRESS REPORT NO. 13, JUNE 21 - SEPT. 20, 1963	1963
19630035627	PROCESS DEVELOPMENT FOR INTERNAL ROLL EXTRUSION OF LARGE ROCKET MOTOR CASES INTERIM ENG. PROGR. REPT. 1 DEC. 1962 - 28 FEB. 1963	1963
19630035628	PROCESS DEVELOPMENT FOR INTERNAL ROLL EXTRUSION OF LARGE ROCKET MOTOR CASES INTERIM ENG. PROGR. REPT. 1 MAR. 1963 - 31 MAY 1963	1963
19630035629	RESEARCH ON THERMIONIC CELL COLLECTORS QUARTERLY PROGRESS REPORT, APR. 1 - JUNE 30, 1963	1963
19630035631	OPTIMUM DUAL-REFLECTOR ANTENNA DESIGN INVESTIGATION FINAL TECHNICAL REPORT	1963
19630035632	FORMULATION AND PROCESSING TECHNIQUES FOR NEW ABLATIVE PLASTICS AND COMPOSITES <INTERIM REPORT< MAY 1962 - MAY 1963	1963
19630035639	EVIDENCE OF FAULTING IN THE CRUST OF MARS. PART I- GRABENS	1963
19630035642	EVALUATION PROGRAM FOR NICKEL CADMIUM SEALED CELLS. ACCEPTANCE TEST OF GOULD-NATIONAL BATTERIES, INC. 3.5 AMPERE HOUR "D" CELLS	1963
19630035644	GANTRY CHECKLIST - CAPSULE 20	1963
19630035646	NONLINEAR ASPECTS OF COMBUSTION INSTABILITY IN LIQUID PROPELLANT ROCKET MOTORS THIRD YEARLY PROGRESS REPORT, JUNE 1, 1962 - MAY 31, 1963	1963
19630035648	ADVANCED LUNAR TRANSPORTATION STUDY. VOLUME II. SUMMARY SUPPLEMENT FINAL REPORT JAN. 28, 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035649	EVALUATION PROGRAM FOR NICKEL CADMIUM SEALED CELLS. ACCEPTANCE TEST OF GULTON INDUSTRIES, INC. 6.0 AMPERE HOUR CELLS	1963
19630035654	STEAM SPACE POWER SYSTEMS WITH NUCLEAR AND SOLAR HEAT SOURCES	1963
19630035656	AN IMPULSIVE COLLISION MODEL FOR THE DISSOCIATION OF DIATOMIC MOLECULES	1963
19630035660	EXPERIMENTAL INVESTIGATION OF HEAT REJECTION PROBLEMS IN NUCLEAR SPACE POWERPLANTS REPORT NO. /PWA-2132/ SECOND QUARTERLY REPORT SEPT. 1 - NOV. 30, 1962	1963
19630035662	FINAL HAZARDS SUMMARY, ZERO POWER REACTOR-II /ZPR-II/	1963
19630035671	TRAJECTORY SIMULATION APPLICABLE TO STABILITY AND CONTROL STUDIES OF LARGE MULTI-ENGINE VEHICLES	1963
19630035673	NUCLEAR ROCKET ENGINE PERFORMANCE, ISENTROPIC EXPANSION OF FROZEN HYDROGEN IN THE NOZZLE	1963
19630035674	A PRELIMINARY ANALYSIS OF AROD CONCEPT FOR SPACE APPLICATIONS	1963
19630035675	PERFORMANCE TESTS ON TWO UNBONDED STRAIN GAGE PRESSURE TRANSDUCERS MODEL PG171TC-50-350-14029, SERIAL NO. 89, MODEL PG171TC-50-350, SERIAL NO. 90, MANUFACTURED BY STATHAM INSTRUMENTS, INC., LOS ANGELES, CALIFORNIA	1963
19630035677	SOME CONSIDERATIONS OF THE PERFORMANCE OF A MANEUVERABLE, LIFTING-BODY, ENTRY VEHICLE	1963
19630035679	METEOROLOGICAL SATELLITES	1963
19630035686	FY-1963 Approved Oart Supporting Research Program Requirements	1963
19630035690	PROPERTIES OF PHOTODETECTORS. PHOTODETECTOR SERIES, 58ST REPORT <DEC. 1962 - APR. 1963<	1963
19630035694	ON THE EFFECTS OF CONTROLLED ROUGHNESS ON BOUNDARY-LAYER TRANSITION AT A MACH NUMBER OF 6.0	1963
19630035700	ON THE ACOUSTIC HEATING OF POLAR NIGHT MESOSPHERE	1963
19630035701	DELTA 16, PROJECT DELTA FLIGHT REPORT, LAUNCHED FEBRUARY 14, 1963	1963
19630035702	RESEARCH ON LOW DENSITY THERMAL INSULATION MATERIALS FOR USE ABOVE 3000 DEG F FIFTH QUARTERLY STATUS REPORT, APR. 1 - JUNE 30, 1963	1963
19630035703	INVESTIGATION OF BOUNDARY LAYER TRANSITION PROGRESS REPORT, APR. 1, 1963 - JUNE 30, 1963	1963
19630035705	PHASE II NIMBUS DATA-HANDLING SYSTEM FINAL REPORT	1963
19630035707	FLIGHT REPORT FOR VEHICLE S/N 357/20002/3021 - DELTA PROGRAM - MISSION NO. 17, SPACECRAFT-S-6	1963
19630035708	PILOT SAFETY PROGRAM OF ATLAS LAUNCH VEHICLE FOR NASA PROJECT MERCURY	1963
19630035713	THE PHYSICS OF HYPERVELOCITY FLIGHT AS IT AFFECTS THE DESIGN OF REENTRY VEHICLES	1963
19630035714	STUDY OF SONIC VELOCITY AND PENETRABILITY MEASUREMENTS OF ROCK DUST UNDER VACUUM CONDITIONS FINAL REPORT	1963
19630035715	INVESTIGATION OF POLARIZATION OF DECAMETRE-WAVE RADIATION AND EXPERIMENT TO STUDY CORRELATION OF JUPITER RADIATIONS WITH SOLAR ACTIVITY	1963
19630035720	RESEARCH STUDY OF THE CONTROL OF LARGE FLEXIBLE ROCKET BOOSTERS THIRD QUARTERLY PROGRESS REPORT, MAY 15, 1963 - AUG. 15, 1963	1963
19630035726	MAGNETIC RECONAISSANCE OF SIERRA MADERA, TEXAS, AND NEARBY IGNEOUS INTRUSIONS	1963
19630035728	THIN-FILM LARGE AREA PHOTOVOLTAIC SOLAR ENERGY CONVERTER	1963
19630035729	VAPOR-FILLED THERMIONIC CONVERTERS SECOND QUARTERLY REPORT, JAN. 1, 1963 - MAR. 31, 1963	1963
19630035735	Quarterly Progress Report	1963
19630035740	SUMMARY OF NASA EFFORTS CONCERNING THE DECONTAMINATION AND STERILIZATION OF LUNAR AND PLANETARY SPACECRAFT	1963
19630035744	FLIGHT REPORT FOR VEHICLE S/N 366/20005/3024 - DELTA PROGRAM - MISSION NO. 18, SPACECRAFT-TSX-2	1963
19630035749	FUELS FOR TURBOJETS AND RAMJETS	1963
19630035753	SELF-CONSISTENT METHOD FOR DETERMINING THE BOUNDARY SHAPE BETWEEN A PLASMA AND A MAGNETIC FIELD	1963
19630035755	THE EXPLOITATION OF INERTIAL COUPLING IN PASSIVE GRAVITY-GRADIENT STABILIZED SATELLITES	1963
19630035756	RESEARCH ON THE DETERMINATION OF RARE-EARTH ABUNDANCES IN METEORITES SUMMARY PROGRESS REPORT, AUG. 15, 1962 - AUG. 31, 1963	1963
19630035761	DEMONSTRATION DATA REPORT FOR THE T-39D AIRPLANE	1963
19630035804	CONSTANT AMPLITUDE FATIGUE CHARACTERISTICS OF A VERTICAL TAIL FOR A TYPICAL FIGHTER AIRPLANE	1963
19630035810	FAA BEACON INTERROGATION TRAFFIC CONTROL MONOPULSE RESOLUTION IMPROVEMENT AND PHASE SENSITIVE DETECTION FINAL REPORT	1963
19630035816	A COMPARISON OF METHODS USED FOR OBTAINING ELECTRON CONTENT FROM SATELLITE OBSERVATIONS	1963
19630035818	COSMIC RAY HYDROGEN AND HELIUM NUCLEI DURING A SOLAR QUIET TIME IN JULY 1961	1963
19630035819	THE SOLAR WIND GEOMAGNETIC FIELD BOUNDARY	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035822	REACTION RATES OF HYDROGEN, AMMONIA, AND METHANE WITH MIXTURES OF ATOMIC AND MOLECULAR OXYGEN	1963
19630035827	SUNFLOWER POWER CONVERSION SYSTEM. QUARTERLY REPORT, DEC. 1962 - FEB. 1963	1963
19630035828	SUNFLOWER BOILER/HEAT STORAGE TOPICAL REPORT APR. 1963	1963
19630035829	MANUFACTURING METHODS FOR HIGH TEMPERATURE COATING OF LARGE MOLYBDENUM PARTS INTERIM ENGINEERING PROGRESS REPORT, MAY 1 1963 - JULY 31, 1963	1963
19630035830	OPTICAL METHODS OF MEASURING PLASMA JET TEMPERATURES. PART IIIINTERPRETATION OF PHOTOELECTRIC PYROMETRIC MEASUREMENTS <FINAL REPORT, SEPT. 1961 - NOV. 30, 1962<	1963
19630035832	FIBER REINFORCEMENT OF METALLIC AND NONMETALLIC COMPOSITES FINAL <SUMMARY TECHNICAL< REPORT <OCT. 2, 1961 - FEB. 1, 1963<	1963
19630035836	GEOMETRIC AND VOLUMETRIC DETERMINATIONS OF THE MINIMAL ENVELOPE FOR DONNING THE FULL PRESSURE SUIT	1963
19630035839	MICROWAVE EMISSION FROM PLASMA AND ANNOTATED BIBLIOGRAPHY	1963
19630035844	A MATHEMATICAL DESCRIPTION OF THE DIRECT EARTH-TO-IMAGE PLANE GRIDDING METHOD	1963
19630035845	INVESTIGATION OF RF NOISE GENERATION FROM SPACE VEHICLES	1963
19630035846	PHYSICS OF PLANETARY ATMOSPHERES	1963
19630035852	DELTA RANGE SAFETY TRAJECTORY AND AERODYNAMIC DATA FOR THE S-6 MISSION, MODEL NO. DSV-3B, VOLUME II	1963
19630035857	BASIC RESEARCH TO DETERMINE THE CAUSE OF THE DEGRADATION OF PERFORMANCE OF THE SPARROW III WARHEAD	1963
19630035859	PROCESS SCALEUP AND PRODUCTION OF ADVANCED PROPELLANT OXIDIZERS	1963
19630035861	SPACED ARMOR PENETRATION STUDIES	1963
19630035869	[No Title]	1963
19630035871	SUPPORTING RESEARCH FOR THE SPECIAL PROJECTS OFFICE DEPARTMENT OF THE NAVY BUREAU OF NAVAL WEAPONS	1963
19630035872	[No Title]	1963
19630035880	SPACE VEHICLES ELECTRONICS AND CONTROL RESEARCH. PROGRAM REVIEW	1963
19630035883	[No Title]	1963
19630035884	GROUND SUPPORT EQUIPMENT PLANNING AND REQUIREMENTS	1963
19630035885	RESEARCH PROGRAM RELATED TO VAPOR THERMIONIC CONVERTERS FOR NUCLEAR APPLICATION QUARTERLY PROGRESS REPORT, DEC. 27 - MAR. 27, 1963	1963
19630035886	THE INTEGRATION OF THE FIRST-ORDER PERTURBED WAVE EQUATION FOR EXCITED STATES OF ONE DIMENSIONAL SYSTEMS <INTERIM TECHNICAL REPORT, SEPT. 16, 1961 - MAY 1963<	1963
19630035887	NATURAL ENVIRONMENT /CLIMATIC/ CRITERIA GUIDELINES FOR USE IN MSFC LAUNCH VEHICLE DEVELOPMENT, 1963 REVISION	1963
19630035890	PROCEDURES AND RESULTS OF THE H-1 ENGINE SEA WATER IMMERSION PROGRAM	1963
19630035891	HEAT TRANSFER FROM PLASMA JETS	1963
19630035895	SATURN V SERVICE ARMS, COMPLEX 39, VOLUME I PRELIMINARY ENGINEERING REPORT JULY 10, 1963	1963
19630035896	EVALUATION OF INFRARED SPECTROPHOTOMETRY FOR COMPOSITIONAL ANALYSIS OF LUNAR AND PLANETARY SOILS QUARTERLY STATUS REPORT NO. 5, JUNE 1 - AUG. 31, 1963	1963
19630035897	AIRCRAFT OPERATIONS ON UNSURFACED SOIL, SOIL MEASUREMENTS AND ANALYSES PROJECT ROUGH ROAD ALPHA	1963
19630035901	NOTES ON THE ANALYSIS OF PRESSURE-STABILIZED STRUCTURES	1963
19630035904	SYMPOSIUM ON THE ROLE OF SUBSTRUCTURE IN THE MECHANICAL BEHAVIOR OF METALS <FINAL REPORT<	1963
19630035905	INTERNAL FRICTION STUDIES OF SUBSTRUCTURE	1963
19630035906	STORED ENERGY AND SUBSTRUCTURE	1963
19630035907	THE OBSERVATION OF SUBSTRUCTURES IN CRYSTALS WITH THE ELECTRON MICROSCOPE	1963
19630035908	THE OBSERVATION AND MEASUREMENT OF SUBSTRUCTURES IN CRYSTALS BY X-RAY TECHNIQUES	1963
19630035909	THE OBSERVATION AND MEASUREMENT OF SUBSTRUCTURES IN CRYSTALS BY X-RAY TECHNIQUES. DISCUSSION OF PAPER BY S. WEISSMANN W. P. EVANS	1963
19630035910	EXPERIMENTS ON SUBSTRUCTURE IN IRON	1963
19630035911	SOME OBSERVATIONS ON THE DEVELOPMENT OF DEFORMATION SUBSTRUCTURE IN ZONE-REFINED IRON	1963
19630035912	SUBSTRUCTURE AND RECRYSTALLIZATION OF DEFORMED CRYSTALS OF HIGH PURITY SILICON-IRON	1963
19630035913	THE VARIATION OF FLOW STRESS WITH SUBSTRUCTURE IN TANTALUM	1963
19630035914	DISLOCATION ARRANGEMENT IN COPPER SINGLE CRYSTALS DEFORMED AT LOW TEMPERATURES	1963
19630035915	SUBSTRUCTURE AND THE FLOW STRESS OF POLYCRYSTALS	1963
19630035916	DISLOCATION DYNAMICS OF YIELDING AND FRACTURE	1963
19630035917	YIELDING AND FLOW OF THE B.C.C. METALS AT LOW TEMPERATURES	1963
19630035918	STRAIN-AGEING IN B.C.C. METALS	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035919	HARDENING BY SPINODAL DECOMPOSITION	1963
19630035920	PRECIPITATION ON SUBSTRUCTURE IN IRON-BASE ALLOYS	1963
19630035921	DEFORMATION AND ANNEALING SUB-STRUCTURES OF NIOBIUM AND THEIR RELATION TO THE MECHANICAL PROPERTIES AND PRECIPITATION PHENOMENA	1963
19630035922	THE ROLE OF SUB-STRUCTURE IN PHASE TRANSFORMATIONS	1963
19630035923	EFFECT OF SUBSTRUCTURE ON FRACTURE OF TUNGSTEN AND MOLYBDENUM	1963
19630035924	INVESTIGATIONS OF CARBIDES AS CATHODES FOR THERMIONIC SPACE REACTORS <SECOND< QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING FEB. 28, 1963	1963
19630035926	TWO-STAGE POTASSIUM TEST TURBINE	1963
19630035928	ON THE BEST REGULARIZATION OF THE RESTRICTED THREE-BODY-PROBLEM	1963
19630035929	FOR RESEARCH AND DEVELOPMENT HERO SUPPORTING STUDIES MONTHLY PROGRESS REPORT	1963
19630035931	INTERMEDIATES FOR HIGH-TEMPERATURE STABLE POLYMERS TECHNICAL DOCUMENTARY REPORT <JAN. 1 - DEC. 31, 1962<	1963
19630035932	SPACE VEHICLE TRANSIENT THERMAL TEST TECHNICAL DOCUMENTARY REPORT <APR. 1, 1961 - MAR. 31, 1962<	1963
19630035933	ALUMINA RADOME ATTACHMENT. PART II - MECHANICAL	1963
19630035934	PERFORMANCE OF EXTENDED SURFACE SPACE RADIATOR MODEL <INTERIM REPORT, APR. 1, 1962-MAR. 31, 1963<	1963
19630035935	THEORETICAL AND EXPERIMENTAL INVESTIGATION OF ARC PLASMA - GENERATION TECHNOLOGY. PART I- APPLIED RESEARCH ON DIRECT AND ALTERNATING CURRENT ELECTRIC ARC PLASMA GENERATORS <FINAL REPORT, AUG. 1, 1960 - NOV. 30, 1962<	1963
19630035936	THEORETICAL AND EXPERIMENTAL INVESTIGATION OF ARC PLASMA GENERATION TECHNOLOGY. PART II- APPLIED RESEARCH ON ELECTRIC ARC PHENOMENA. VOL. I- A THEORETICAL AND EXPERIMENTAL STUDY OF THERMIONIC ARC CATHODES <FINAL REPORT, AUG. 1, 1960 - NOV. 30, 1962<	1963
19630035937	RESEARCH ON MATERIALS EXHIBITING PHOTOVOLTAIC PHENOMENA <FINAL REPORT, JUNE 1960-JUNE 1962<	1963
19630035938	EFFECTS OF LIQUID AND VAPOR CESIUM ON CONTAINER METALS <FINAL REPORT, JUNE 15, 1961 - SEPT. 15, 1962<	1963
19630035939	INVESTIGATION OF NOZZLE-FAILURE MECHANISMS AND OF PARAMETERS AFFECTING NOZZLE-MATERIAL SUITABILITY IN SOLID-PROPELLANT ROCKETS <FINAL REPORT, MAR. 1962-APR. 1963<	1963
19630035941	AND EVALUATION OF THE A-6A /A2F-1/ AIRPLANE, CONTRACTOR'S A AERODYNAMIC DEMONSTRATION /SPINS/ FINAL REPORT REPORT NO. 1	1963
19630035943	OPERATIONAL METEOROLOGICAL SUPPORT TO U.S. ARMY RDT & E ACTIVITIES /FISCAL YEAR 1963/ ANNUAL REPORT	1963
19630035944	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 1. SYSTEM DESIGN AND ANALYSIS AND SECTION 2. VEHICLE DESIGN, VOLUME I FINAL TECHNICAL REPORT	1963
19630035945	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 5. ELECTRICAL POWER SUBSYSTEMS, VOLUME VIII FINAL TECHNICAL REPORT	1963
19630035946	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 5. ELECTRICAL POWER SUBSYSTEM /CONTINUED/, VOLUME IX FINAL TECHNICAL REPORT	1963
19630035947	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 5. ELECTRICAL POWER SUBSYSTEM /CONTINUED/, VOLUME X FINAL TECHNICAL REPORT	1963
19630035948	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 8. RELIABILITY, VOLUME XIV, REPORT OF LONG LIFE RELIABILITY EFFORT DURING THE PERIOD 1 JANUARY THRU 29 MAY 1962 FINAL TECHNICAL REPORT	1963
19630035949	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 8. RELIABILITY /CONTINUED/, VOLUME XV A, LONG LIFE HIGH RELIABILITY PART EVALUATION FINAL TECHNICAL REPORT	1963
19630035950	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 8. RELIABILITY /CONTINUED/, VOLUME XV B, FAILURE MECHANISM STUDIES FINAL TECHNICAL REPORT	1963
19630035951	COMMUNICATION SATELLITE PROJECT ADVENT. SECTION 8. RELIABILITY, VOLUME XVC, LONG LIFE HIGH RELIABILITY PART APPLICATION TO HIGH REPLICATION CIRCUITS FINAL TECHNICAL REPORT	1963
19630035952	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 8 RELIABILITY, VOLUME XV D, LONG LIFE HIGH RELIABILITY PACKAGING CRITERIA FINAL TECHNICAL REPORT	1963
19630035953	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 8. RELIABILITY, VOLUME XV E, DETAILED TECHNICAL REPORTS- PACKAGING CRITERIA	1963
19630035954	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 9. APPROVED PARTS, VOLUME XVI. LONG LIFE HIGH RELIABILITY PARTS SELECTION AND APPROVED PARTS LIST FINAL TECHNICAL REPORT	1963
19630035955	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 10. GROUND STATION CHECKOUT. VOLUME XVII TECHNICAL REPORT	1963
19630035964	DELTA MONTHLY TECHNICAL PROGRESS REPORT	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630035965	CORROSION PROBLEMS ASSOCIATED WITH METAL FASTENERS	1963
19630035966	COMPUTATIONAL ASPECTS OF THE OAO PROJECT TECHNICAL REPORT NO. 1	1963
19630035968	ATMOSPHERE ENTRY PROBLEMS OF MANNED INTERPLANETARY FLIGHT	1963
19630035969	ASTRONAUTICS AND AERONAUTICS, AUGUST 1963- CHRONOLOGY OF SCIENCE AND TECHNOLOGY IN THE EXPLORATION OF SPACE	1963
19630035972	SCT-1 ROCKET ENGINE <EL MOTOR DE REACCION DEL COHETE SCT-	1963
19630035973	FLIGHT DYNAMICS OF THE SCT-2 ROCKET <DINAMICA DE VUELO DEL COHETE SCT-2<	1963
19630035994	ROCKET PLUME INVESTIGATIONS AT PRESSURE ALTITUDES ABOVE 175,000 FEET	1963
19630035998	Detailed Test Objectives for Delta Launch Vehicle Spacecraft: SYNCOM A-26	1963
19630036000	AC-2 AMR Test Plan	1963
19630036002	Air-Augmented Rockets a Selected, Annotated Bibliography, Vol III	1963
19630036007	Apollo Guidance and Navigation	1963
19630036008	Consideration of Apollo IMU Gimbal Lock	1963
19630036011	Operational Feasibility of a Conceptual Large Space Station	1963
19630036013	SOLUTIONS FOR COMPLEX SYSTEMS OF CHEMICAL REACTION KINETICS. PART III. A REVERSIBLE UNIMOLECULAR REACTION FOLLOWED BY AN IRREVERSIBLE UNIMOLECULAR REACTION <INTERIM TECHNICAL REPORT, SEPT. 16, 1961 - APR. 1963<	1963
19630036015	TRUNCATED REACTION OPERATORS	1963
19630036016	INSTRUMENT OPERATIONS ON TEST DEPARTMENT RANGES	1963
19630036017	PROPELLANT ACTUATED DEVICES. BI-MONTHLY PROGRESS REPORT, JULY-AUG. 1963	1963
19630036024	THE INFLUENCE OF SLECTED SECTOR CHARACTERISTICS UPON ARTCC CONTROLLER ACTIVITIES FINAL REPORT	1963
19630036028	A REVIEW OF THEORETICAL TREATMENTS OF SHOCK TUBE ATTENUATION	1963
19630036029	A PROCEDURE FOR CALCULATING THE PERTURBATIONS OF THE ELEMENTS OF SATELLITE ORBITS DUE TO EACH OF THE EARTH CONSTANTS J SUB N	1963
19630036031	THEORY OF FOUR-LEVEL SOLID STATE LASERS TECHNICAL REPORT	1963
19630036032	BASIC APPLIED RESEARCH AND DEVELOPMENT IN FLUID POWER CONTROL FOR THE UNITED STATES AIR FORCE. FOURTH PROGRESS REPORT	1963
19630036033	AEROSPACE NUCLEAR SAFETY ANNUAL REPORT, MAR. 1962 - JUNE 1963	1963
19630036034	ENGINEERING A COMPARATIVE EVALUATION OF 3- 3- 3, 3- 2- 1, AND 7- 3- 1 PATTERNS OF RUNWAY TOUCHDOWN ZONE LIGHTING INTERIM REPORT NO. 3	1963
19630036035	EVALUATION OF RIGID RADOME FOR THE AIRPORT SURFACE DETECTION EQUIPMENT /ASDE/ RADAR FINAL REPORT	1963
19630036036	STUDY OF COMPUTER MANUAL INPUT DEVICES	1963
19630036042	DETAILED TEST OBJECTIVES FOR DELTA LAUNCH VEHICLE SPACECRAFTS-17	1963
19630036044	EXPERIMENTAL WIND TUNNEL EVALUATION OF STABILITY AND CONTROL EFFECTIVENESS FOR A 9 DEG SPHERE CONE WITH TRAILING FLAPS AT M EQUALS 10	1963
19630036047	J-2 Program Quarterly Progress Report for Period Ending 28 February 1963	1963
19630036048	[No Title]	1963
19630036059	RL10 ROCKET ENGINE	1963
19630036060	Survivability Gains of Apollo Astronauts Due to Use of a Rescue Vehicle	1963
19630036064	FUTURE STUDIES BRANCH SUPPORTING TECHNOLOGY AND ADVANCED STUDIES CONTROL HANDBOOK	1963
19630036067	A SIMPLE METHOD OF TRAJECTORY DETERMINATION FOR SOUNDING ROCKETS	1963
19630036075	HYDRAULIC LOCKING APPLIED TO THE STEPLESS POSITIONAL LOCATION OF HINGED LINKS	1963
19630036077	THEORETICAL AND EXPERIMENTAL INVESTIGATION OF ARC PLASMA-GENERATION TECHNOLOGY. PART II- APPLIED RESEARCH ON ELECTRIC ARC PHENOMENA VOL. 2- ARC COLUMN THEORY, ELECTRODE MATERIALS BEHAVIOR, AND MAGNETIC FIELD ARC DISCHARGE INTERACTION	1963
19630036078	COMPILATION OF UNPUBLISHED MATERIALS INFORMATION <FINAL REPORT, JUNE 1, 1962 - MAY 31, 1963<	1963
19630036079	RHEOLOGY OF SILICONE FLUIDS THICKENED WITH BORON NITRIDE	1963
19630036081	INTERCEPT SYSTEM DYNAMIC RANGE ENHANCEMENT THIRD TECHNICAL NOTE	1963
19630036082	SIDE-LOBE REDUCTION OF LINEAR ARRAYS THROUGH NON-UNIFORM SPACING OF THE ELEMENTS	1963
19630036085	EVALUATION OF HIGH ACCURACY PRODUCTS CORPORATION MODEL PC-101 A AUTOMATIC PARTICLE COUNTER	1963
19630036086	ASTROGEOLOGIC STUDIES. ANNUAL PROGRESS REPORT SUMMARY, AUGUST 25, 1961 - AUGUST 24, 1962	1963
19630036087	ENGINEERING PROPERTIES OF POTASSIUM ELEVENTH QUARTERLY REPORT, APR. 1 - JUNE 30, 1963	1963
19630036095	RESEARCH STUDY OF BIO-ELECTROGENESIS AS AN APPROACH TO WASTE MANAGEMENT QUARTERLY REPORT NO. 3, APR. - JUNE 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036096	STUDIES OF THE MECHANICAL BEHAVIOR OF AMMONIUM PERCHLORATE PARTICLES, A GLASS-BEAD FILLED POLYURETHANE BINDER AND A TYPICAL CONTINUUM BINDER SEMI-ANNUAL STATUS REPORT, 1 JAN. - 30 JUNE 1963	1963
19630036097	SATURN ILLUSTRATED CHRONOLOGY, APRIL 1957 - NOVEMBER 1962 FEB. 15, 1963	1963
19630036100	STUDY OF PILOT-CONTROLLED RETROFIRES OF THE GEMINI VEHICLE	1963
19630036101	SOME CHARACTERISTICS OF VOLUNTARY NYSTAGMUS	1963
19630036102	THE ELECTRICAL BEHAVIOR OF REFRACTORY OXIDES <SUMMARY PROGRESS REPORT, FEB. 15, 1951 - FEB. 1, 1963<	1963
19630036103	OAK RIDGE NATIONAL LABORATORY STATUS AND PROGRESS REPORT, SEPTEMBER 1963	1963
19630036108	SURVEY OF REQUIREMENTS FOR A GEOPHYSICAL DATA COLLECTION SATELLITE SYSTEM FINAL REPORT	1963
19630036109	SECOND QUARTERLY PROGRESS REPORT <STUDY OF BIOLOGICAL MECHANISMS IN INSTRUMENTATION DEVELOPMENT<	1963
19630036110	THIRD QUARTERLY PROGRESS REPORT <STUDY OF BIOLOGICAL MECHANISMS IN INSTRUMENTATION DEVELOPMENT<	1963
19630036112	STUDY IN COMETARY ASTROPHYSICS. SECOND QUARTERLY STATUS REPORT, JUNE 31, 1963 - AUG. 30, 1963	1963
19630036118	ON THE NATURE OF THE PLANETARY COMPANIONS OF STARS	1963
19630036119	DELTA MONTHLY TECHNICAL PROGRESS REPORT, ISSUE NO. 50 JUNE 1963	1963
19630036120	DELTA MONTHLY TECHNICAL PROGRESS REPORT, ISSUE NO. 51 JULY 1963	1963
19630036122	THE COMPARISON OF ROCKETSONDE AND RADIOSONDE TEMPERATURES IN THE 25-32 KM LAYER AT CAPE CANAVERAL, FLORIDA BETWEEN MAY 20, 1960 AND APRIL 25, 1962	1963
19630036124	ATMOSPHERIC ENVIRONMENT FOR THE FLIGHT OF SATURN /SA-3/	1963
19630036125	PROJECT GEMINI FAMILIARIZATION MANUAL FOR SPACECRAFT #1	1963
19630036128	STUDY OF SPACE VEHICLE ENGINE POSITION CONTROL SYSTEMS FOURTH TECHNICAL REPORT, MAY 16, 1962 - FEB. 1, 1963	1963
19630036134	Alkali Metals Boiling and Condensing Investigations Quarterly Progress Reports 2 and 3, Sept. 30, 1962 - Mar. 31, 1963	1963
19630036137	VOYAGER DESIGN STUDY, VOLUME III- SUBSYSTEM DESIGN, PART II	1963
19630036138	VOYAGER DESIGN STUDY. VOLUME IV- SYSTEM DESIGN	1963
19630036143	DISASTER CONTROL PLAN 64-1	1963
19630036146	LIQUID PROPELLANT LOSSES DURING SPACE FLIGHT THIRD QUARTERLY PROGRESS REPORT, APR. 1, 1963 - JUNE 30, 1963	1963
19630036149	LIQUID OXYGEN AND FUEL PREVALVES FOR NASA SATURN PROGRAM ELEVENTH MONTHLY PROGRESS REPORT, MAY 1-31, 1963	1963
19630036151	INTERIM-OFFSET UDOP SYSTEM	1963
19630036153	EXPLOSIVE FORMING OF SEVENTEEN-INCH DIAMETER ELBOWS	1963
19630036156	HEXAGONAL MAGNETIC COMPOUNDS FINAL REPORT NO., JUNE 15, 1961 - JULY 15, 1963	1963
19630036157	THERMAL EROSION OF ABLATIVE MATERIALS. PART II	1963
19630036158	AERIAL UNLOADING KIT MODIFICATION KMU-154/E	1963
19630036160	INVESTIGATIVE STUDY RELATING TO FUEL CELLS PROGRESS REPORT NO. 9, SEPT. 1 - DEC. 31, 1962	1963
19630036161	APPLICATION OF ELECTROMAGNETIC ABSORBING MATERIALS AS INTERFERENCE REDUCTION TECHNIQUES <INTERIM ENGINEERING REPORT<	1963
19630036162	DEVELOPMENT OF ECONOMIC QUANTITY/QUALITY MANUFACTURING METHODS FOR A KA-BAND TUNABLE MAGNETRON INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, JUNE 21, 1963 - SEPT. 21, 1963	1963
19630036163	PLANE STRAIN FRACTURE TOUGHNESS MEASUREMENTS OF SOLID BOOSTER CASE MATERIALS	1963
19630036166	APOLLO GUIDANCE AND NAVIGATION. MIT SPACE IMPLEMENTATION INTERIM REPORT	1963
19630036167	ASTROGEOLOGIC STUDIES, PART B- CRATER INVESTIGATION ANNUAL PROGRESS REPORT, AUG. 25, 1961 - AUG. 24, 1962	1963
19630036168	ASTROGEOLOGIC STUDIES. PART C- COSMOCHEMISTRY AND PETROGRAPHY ANNUAL PROGRESS REPORT, AUG. 25, 1961 - AUG. 24, 1962	1963
19630036173	CALIBRATIONS IN EXTREME HIGH VACUUM MONTHLY PROGRESS LETTER REPORT NO. 5, JUNE 1963	1963
19630036178	METEORITE PHOTOGRAPHY AND RECOVERY NETWORK SEMI-ANNUAL PROGRESS REPORT NO. 2, 1 JAN. 1963 - 30 JUNE 1963	1963
19630036180	SPACE VEHICLE SA-2, TELEMETRY SYSTEM	1963
19630036183	STRUCTURAL QUALIFICATION TEST CONDUCTED ON SA-5 THRUST SUPPORT OUTRIGGER MOUNTED IN POWER PLANT TEST STAND	1963
19630036184	THE THERMAL ENVIRONMENT OF THE TERRESTRIAL PLANETS /SUPPLEMENT 2/	1963
19630036185	INVESTIGATION OF THE SUPERCONDUCTING PROPERTIES OF TRANSITION METAL ALLOY SYSTEMS FIRST QUARTERLY REPORT, JUNE 7, 1963 - SEPT. 7, 1963	1963
19630036186	INTERACTION OF HIGH-ENERGY GAS MOLECULES WITH SOLID SURFACES	1963
19630036187	Delta Monthly Technical Progress Report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036189	AN INFORMAL SURVEY OF CURRENT PARTS SELECTION PROGRAMS	1963
19630036191	FEASIBILITY OF SIMULATING THERMAL ENVIRONMENTS FOR MEANINGFUL EVALUATION OF ABLATING MATERIALS QUARTERLY PROGRESS REPORT NO. 1, MAY 1 - JULY 31, 1963	1963
19630036196	SYNTHESIS AND EVALUATION OF THERMALLY STABLE POLYMERS. PHASE I. POLYMER SYNTHESIS. PHASE II. POLYMER EVALUATION <FINAL REPORT, MAR. 1962 - DEC. 1962<	1963
19630036198	FIRST ANNUAL REPORT TO THE USERS OF THE CHURCHILL RESEARCH RANGE	1963
19630036199	THERMODYNAMIC AND KINETIC STUDIES FOR A REFRACTORY MATERIALS PROGRAM FOURTH SEMIANNUAL PROGRESS REPORT, 1 JAN. - 30 JUNE 1963	1963
19630036202	SATURN COMPUTER MONTHLY PROGRESS REPORT AND ADDENDUM, FEBRUARY 1963 MAR. 20, 1963	1963
19630036203	Flox in Atlas Oxidizer System Program Plan and Schedule	1963
19630036204	THE BRAYTON CYCLE FOR SPACE POWER	1963
19630036205	CARBIDE CATHODE STUDIES PHYSICAL AND CHEMICAL REDEPOSITION FINAL REPORT	1963
19630036217	PROCEEDINGS OF SYMPOSIUM ON PULSE COMPRESSION TECHNIQUES AND APPLICATIONS, OCT. 30 - NOV. 1, 1962	1963
19630036218	SPATIAL AMBIGUITY AND RESOLUTION FOR ARRAY ANTENNAS WITH WIDEBAND PHASE CODED SIGNALS	1963
19630036219	COMPENSATION FOR THE BANDWIDTH LIMITATION OF A WIDE BAND PHASED ARRAY RADAR	1963
19630036220	ACTIVE SWEEPED FREQUENCY INTERFEROMETER RADAR /ASFIR/	1963
19630036221	SOME SPECIAL MEASUREMENT EQUIPMENT DEVELOPED FOR USE WITH PULSE COMPRESSION TECHNIQUES	1963
19630036222	AN/FPQ-4 RADAR MODIFIED FOR SYNTHETIC SPECTRUM	1963
19630036223	MULTI-FREQUENCY COHERENT SEARCH-ACQUISITION-TRACKING RADAR	1963
19630036224	EXPERIMENTAL RADAR WITH A VERY HIGH COMPRESSION RATIO	1963
19630036225	STRIPLINE ALL-PASS NETWORKS FOR PULSE COMPRESSION	1963
19630036226	TRANSVERSE EQUALIZERS FOR SUPPRESSING DISTORTION ECHOES IN RADAR RECEIVERS	1963
19630036227	REALIZATION OF MICROWAVE PULSE COMPRESSION FILTERS BY MEANS OF FOLDED TAPE MEANDER LINES	1963
19630036228	A LINEAR-FM 1000- 1 PULSE COMPRESSION SYSTEM	1963
19630036229	PART I- SIGNAL SYNTHESIS BY NON-PERIODICALLY-TAPPED DELAY LINES	1963
19630036230	PART II- TAPPED DELAY LINE SYNTHESIS OF LARGE TIME-BANDWIDTH SIGNALS	1963
19630036231	THE RADAR RETURN FROM A SMALL EXTENDED TARGET	1963
19630036232	INCREASED RADAR RANGE RESOLUTION THROUGH NON-REAL-TIME PROCESSING	1963
19630036233	AN OPTICAL DISK CORRELATOR FOR RADAR SIGNAL PROCESSING	1963
19630036234	SOME PROSPECTIVE DELAY-AND-HETERODYNE DEVICES	1963
19630036235	SPECTRUM ANALYSIS USING TIME COMPRESSION WITH SCANNING SPECTRUM ANALYZERS	1963
19630036236	HIGH RESOLUTION PULSE COMPRESSION TECHNIQUES	1963
19630036237	PARAMETER ESTIMATION BY MISMATCHED FILTERS	1963
19630036238	RESOLUTION OF MULTIPLE TARGETS IN RANGE AND RANGE RATE	1963
19630036244	PHASE I REVERSE THRUST SUBSYSTEM STAGE III WING VI MINUTEMAN /WS-133B/	1963
19630036245	PRESSURE GROWTH OF X259 A2 SPIRALLOY CHAMBERS	1963
19630036253	RADAR CROSS SECTION MEASUREMENT FACILITIES STUDY /RATSCAT PROGRAM/, VOLUME II	1963
19630036255	[No Title]	1963
19630036258	MONTHLY PROGRESS LETTER ON F-1 ENGINE SYSTEM	1963
19630036259	RADAR MEASUREMENT DATA REPORT	1963
19630036261	HIGH-PRESSURE PUMPING TECHNOLOGY	1963
19630036269	RL10 ROCKET ENGINE TECHNICAL REPORT	1963
19630036270	RL10 ROCKET ENGINE MONTHLY TECHNICAL REPORT 1 APRIL - 1 MAY 196	1963
19630036271	DETAILED ANALYSIS OF SHOCK TUBE TAILORED CONDITIONS /TASK 3.4 - SHOCK TUNNEL EXPERIMENTS - REST PROJECT/	1963
19630036272	ACTUAL WEIGHT AND BALANCE REPORT FOR A TWIN ENGINE TURBOJET RADAR TRAINER, NAA DESIGNATION NA-277, NAVY DESIGNATION T-39D	1963
19630036273	TRANSONIC WIND TUNNEL INVESTIGATION TO DETERMINE AN OPTIMUM PITOT-STATIC PROBE DESIGN FOR THE F-105 AIRPLANE	1963
19630036274	TRANSONIC WIND TUNNEL TESTS OF THREE PITOT-STATIC PROBES DESIGNED FOR PRESSURE-ERROR COMPENSATION ON THE RF-4C /RF-110/ AIRCRAFT	1963
19630036275	EXOTHERMIC JOINING IN VACUUM INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT <NOV. 23, 1962 - MAR. 31, 1963<	1963
19630036276	NASA SYSTEM DESIGN AND RESEARCH BIMONTHLY PROGRESS REPORT, 1 APR. 1963 - 31 MAY 1963	1963
19630036277	ALGOL SOLID ROCKET MOTOR PROGRAM TWENTY-FOURTH MONTHLY PROGRESS REPORT, MAY 1963 JUNE 15, 1963	1963
19630036278	ALGOL SOLID ROCKET MOTOR PROGRAM TWENTY-FIFTH MONTHLY PROGRESS REPORT, JUNE 1963 JULY 15, 1963	1963

Accession Number (DocID)	Title	Publication Year
19630036279	FABRICATION OF LIGHTWEIGHT PARABOLIC CONCENTRATORS FROM A GLASS MASTER - FINAL REPORT	1963
19630036283	APPLIED RESEARCH FOR THREAT SIGNATURE GENERATION TECHNIQUES	1963
19630036292	BIBLIOGRAPHY ON RADAR SIGNATURE CORRELATION TECHNIQUES	1963
19630036293	NUCLEAR PULSE PROPULSION PROJECT. VOL. IV, EXPERIMENTAL STRUCTURAL RESPONSE	1963
19630036295	LIQUID HYDROGEN- AN ANNOTATED BIBLIOGRAPHY <1958 THROUGH FEB. 1963<	1963
19630036297	ELECTRON DENSITY IN AN ATLAS MISSILE TRAIL	1963
19630036298	SOLID ROCKET PROPELLANT RESEARCH AND DEVELOPMENT	1963
19630036299	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM	1963
19630036300	[No Title]	1963
19630036301	[No Title]	1963
19630036302	EQUIPMENT DESIGN PRACTICES AND TECHNIQUES FOR THE NUCLEAR RADIATION ENVIRONMENT	1963
19630036303	PROCEDURE FOR OBTAINING FLUTTER AT SUPERSONIC SPEEDS UTILIZING THE ADMITTANCE TECHNIQUE	1963
19630036304	HEAT-TRANSFER RATE AND PRESSURE MEASUREMENTS ON A 0.2-SCALE X-20 NOSE IN TUNNEL HOTSHOT 2	1963
19630036305	RESULTS OF SIMULATED ALTITUDE TESTING OF AGC SUBSCALE ABLATIVELY COOLED LIQUID-PROPELLANT ROCKET ENGINES FOR THE APOLLO SPACECRAFT	1963
19630036306	SPECTRAL RADIATION MEASUREMENTS AT SIMULATED ALTITUDE OF THE EXHAUST PLUME FROM A FULL-SCALE XLR-91-AJ-5 TITAN II ROCKET ENGINE	1963
19630036307	ALTITUDE TEST OF A THIOKOL TE-364-1 SURVEYOR RETROGRADE ROCKET MOTOR	1963
19630036308	THE CRYOPUMPING CAPABILITY OF THE ULTRAHIGH ALTITUDE ROCKET CELL J-2/A/ FOR THE EXHAUST PRODUCTS OF SMALL LIQUID-PROPELLANT ROCKET ENGINES	1963
19630036309	HIGH ENERGY FUELS PROJECT /U/ INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT NO. 1, OCT. 19, 1962 - FEB. 28, 1963	1963
19630036310	HIGH ENERGY FUELS PROJECT /U/ INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT NO. 3, JUNE 1 - AUG. 31, 1963	1963
19630036311	RESEARCH AND DEVELOPMENT ON HIGH-ENERGY PROPELLANTS FROM NITROGENRICH BINDERS	1963
19630036312	RESEARCH IN FLUORO-NITRO COMPOUNDS	1963
19630036313	WEAPON SYSTEM 107A-2	1963
19630036314	DEVELOPMENT OF A SOLID-PROPELLANT ROCKET MOTOR FOR THE SECOND STAGE OF THE WING VI MINUTEMAN MISSILE	1963
19630036315	ENGINEERING TEST PROGRAM IMPROVED TARTAR MOTOR	1963
19630036316	SOLID-PROPELLANT ADHESION. A REVIEW OF PERTINENT LITERATURE AND TECHNOLOGY	1963
19630036317	BASIC RESEARCH IN SOLID OXYGEN OXIDIZERS	1963
19630036318	RESEARCH IN HIGH-ENERGY PROPELLANT INGREDIENTS	1963
19630036319	POLARIS POWER-PLANT DEVELOPMENT	1963
19630036320	HIGH CHAMBER PRESSURE ROCKETRY PROGRAM	1963
19630036323	RADIATION EFFECTS ON EXPLOSIVES	1963
19630036324	EFFECT OF PROJECTILE PHYSICAL PROPERTIES ON THIN TARGET DAMAGE AT HYPERVELOCITIES	1963
19630036325	DEVELOPMENT, ANALYSIS, AND TESTING OF CANTILEVERED 6 PERCENT-THICK 70 DEG DELTA WING FLUTTER MODELS. PART I - SUPERSONIC TESTS	1963
19630036326	A TECHNIQUE FOR PREDICTING PRESSURE DISTRIBUTIONS AND AERODYNAMIC FORCE COEFFICIENTS FOR HYPERSONIC WINGED RE-ENTRY VEHICLES	1963
19630036327	ENCAPSULATING PROCESS DEVELOPMENT FOR REACTIVE PROPELLANT INGREDIENTS	1963
19630036328	SAFETY AND COMBUSTION CHARACTERISTICS OF HOMOGENEOUS AND HETEROGENEOUS MONOPROPELLANT SYSTEMS	1963
19630036329	ADVANCED SOLID PROPELLANT RESEARCH	1963
19630036330	LIQUID OXIDIZERS	1963
19630036331	REFRACTORY MATERIALS SUITABLE FOR USE IN GUIDED MISSILE PROPULSION SYSTEMS. QUARTERLY REPORT, JUNE 16 - SEPT. 15, 1963	1963
19630036334	FRACTURE MECHANICS OF SOLID PROPELLANTS	1963
19630036335	SYNTHESIS OF HIGH-ENERGY POLYMERS AND SOLID OXIDIZERS	1963
19630036336	RESEARCH AND DEVELOPMENT ON LIGHT METAL HYDRIDE-2	1963
19630036337	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 2. VEHICLE DESIGN. ADDENDUM-SATELLITE WEIGHT, BALANCE AND POWER STATUS	1963
19630036338	COMMUNICATION SATELLITE PROJECT ADVENT. SECTION 3. ATTITUDE CONTROL SUBSYSTEM VOLUME II	1963
19630036339	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 3. ATTITUDE CONTROL SUBSYSTEM /CONTINUED/, VOLUME III	1963
19630036340	COMMUNICATION SATELLITE PROJECT ADVENT. SECTION3. ATTITUDE CONTROL SUBSYSTEM /CONTINUED/, VOLUME IV	1963

Accession Number (DocID)	Title	Publication Year
19630036341	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 3. ATTITUDE CONTROL SUBSYSTEM /CONTINUED/, VOLUME V	1963
19630036342	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 6. TRACKING, TELEMETRY AND COMMAND SUBSYSTEM, VOLUME XI	1963
19630036343	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 7. AEROSPACE GROUND EQUIPMENT, VOLUME XII	1963
19630036344	COMMUNICATION SATELLITE, PROJECT ADVENT. SECTION 7. AEROSPACE GROUND EQUIPMENT, VOLUME XIII	1963
19630036345	LONG-DELAY TIMER FOR AIR FORCE BOMB FUZE	1963
19630036346	TRANSIENT PRESSURES PRODUCED BY NORMAL SHOCK INTERACTIONS AS APPLIED TO HYPERVELOCITY VEHICLE ENTERING A BLAST	1963
19630036347	LITERATURE REVIEW. MECHANICAL AND THERMAL PROPERTIES- PYROLYTIC GRAPHITE, BORON PYROLYTIC GRAPHITE, BORON NITRIDE. MATERIALS - 1	1963
19630036348	NORMAL SHOCK WAVE COMPUTATIONS IN AIR AT FLIGHT SPEEDS UP TO 25,000 FT/SEC	1963
19630036349	MILITARY ORBITAL DEVELOPMENT SYSTEM COST EVALUATION	1963
19630036350	[No Title]	1963
19630036351	[No Title]	1963
19630036352	REDEYE DEVELOPMENT PROGRAM	1963
19630036353	FUNDAMENTAL RESEARCH ON THE DIRECT FLUORINATION OF ORGANIC COMPOUNDS	1963
19630036355	HYBRID PROPULSION RESEARCH PROGRAM	1963
19630036356	AN INVESTIGATION OF THE CHARACTERISTICS OF HYBRID PROPULSION SYSTEMS. A METHOD FOR MAINTAINING OXIDIZER-TO-FUEL RATIO IN THROTTLING HYBRID PROPULSION SYSTEMS	1963
19630036362	A HEAT RESISTANT EXPLOSIVE FILL FOR LEADS AND BOOSTERS	1963
19630036363	EXPLOSION HYDRODYNAMIC CALCULATIONS FOR A TWO-STAGE GUIDED MISSILE WARHEAD	1963
19630036364	ROCKET ASSISTED PROJECTILES /RAP/ WITH HIGH DENSITY PROPELLANTS	1963
19630036365	LRPL QUARTERLY PROGRESS REPORT /1-63/	1963
19630036366	LRPL QUARTERLY PROGRESS REPORT /2-63/	1963
19630036367	SHILLELAGH. GUIDED MISSILE SUBSYSTEM	1963
19630036368	MODEL OV-1B /AO-1BF/ AIRCRAFT, SERVICE ACCEPTANCE TRIALS	1963
19630036369	LASER DISTANCE MEASURING EQUIPMENT	1963
19630036370	AN OPTICAL MULTIPLE TARGET TRACKER /MTT/	1963
19630036371	QUARTERLY REPORT PROPULSION LABORATORY, 1 JAN. - 31 MAR. 1963	1963
19630036372	X-BAND ELECTROMAGNETIC AMPLIFYING LENS	1963
19630036373	QUARTERLY PROJECT PROGRESS REPORT FOR APRIL, MAY, JUNE 1963	1963
19630036374	CALIF	1963
19630036375	[No Title]	1963
19630036376	INVESTIGATION OF THE EFFECT OF CATALYSIS AS A MEANS OF INCREASING THE EFFICIENCY OF CERTAIN PROPELLANT SYSTEMS	1963
19630036377	QUARTERLY PROGRESS REPORT ON PHYSICAL CHEMISTRY, MARCH 1, - MAY 31, 1963	1963
19630036378	INFRARED BACKGROUND ASSESSMENT	1963
19630036379	TITAN III PROGRAM 624 A	1963
19630036380	DESIGN CRITERIA FOR ADVANCED PROPELLANT SYSTEMS. PREPARATION AND CHARACTERIZATION OF GELLED PROPELLANTS	1963
19630036381	ADVANCEMENT OF SOLID PROPELLANT ROCKETS	1963
19630036382	PROPELLANT SUPPORTING RESEARCH	1963
19630036383	WEAPON SYSTEM 133A- ON CONTINUING DEVELOPMENT OF STAGE 1 MINUTEMAN MOTORS	1963
19630036384	A Theoretical and Experimental Study of Thrust Vector Control by Secondary Gas Injection	1963
19630036385	INTEGRATED RESEARCH EFFORT ON HIGH ENERGY HYBRID PROPELLANTS	1963
19630036386	QUALIFICATION OF ARCAS SOUNDING ROCKET SYSTEMS EX 6 MOD 0 AND MOD 1	1963
19630036392	RESULTS OF SIMULATED ALTITUDE TESTING OF UTC SUBSCALE ABLATIVELY COOLED LIQUID-PROPELLANT ROCKET ENGINES FOR THE APOLLO SPACECRAFT	1963
19630036393	INLET FLOW FIELD CHARACTERISTICS OF A 1/6.15-SCALE MODEL OF THE F-111 AIRPLANE AT SUPERSONIC SPEEDS	1963
19630036394	SIMULATED ALTITUDE TEST OF AN ATLANTIC RESEARCH CORPORATION XM-85 SOLID-PROPELLANT ROCKET MOTOR	1963
19630036395	PRESSURE DISTRIBUTION AND HEAT-TRANSFER TESTS OF THE DYNA SOAR X-20 CONFIGURATION WITH MODIFIED CONTROL SURFACES AT MACH 10	1963
19630036396	BASE HEATING AND BASE PRESSURE INVESTIGATION OF A 5.5-PERCENTSCALE TITAN III BOOSTER WITH SOLID-PROPELLANT BOOSTER MOTORS	1963
19630036397	RADIATION-CHEMISTRY OXIDIZER SYNTHESIS STUDY	1963
19630036399	HIGH-PRESSURE RESEARCH TOWARD HIGH-ENERGY PROPELLANTS	1963
19630036400	M55 AND M55A1 PRODUCTION MOTORS	1963
19630036401	HIGH-PRESSURE RESEARCH TOWARD HIGH-ENERGY PROPELLANTS	1963
19630036404	H-1 ENGINE PROGRAM REPORT /FOURTEENTH/ SUMMARY OF DEVELOPMENT, MAY 1963 - JULY 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036407	STABILIZATION AND CONTROL SUBSYSTEM, NIMBUS METEOROLOGICAL SATELLITE. PHASE I - PROTOTYPE MONTHLY PROGRESS REPORT NO. 30	1963
19630036408	SELF-SEALING STRUCTURES FOR CONTROL OF THE METEOROID HAZARD TO SPACE VEHICLES	1963
19630036409	H-1 INFORMAL TECHNICAL PROGRESS REPORT /SEVENTEENTH/, FOR JANUARY 1963	1963
19630036417	MATERIALS REPORT, PARAGLIDER DEVELOPMENT PROGRAM PHASE II, PART B/1/	1963
19630036419	STUDIES OF LUNAR SOIL MECHANICS FIRST QUARTERLY PROGRESS REPORT <JUNE 15 - SEPT. 15, 1963<	1963
19630036427	WESTINGHOUSE AND AEROSPACE MHD	1963
19630036431	AIR DENSITY SENSOR PROGRESS REPORT NO. 6, MAR. 1 - APR. 1, 1963	1963
19630036432	AIR DENSITY SENSOR PROGRESS REPORT NO. 4	1963
19630036433	AIR DENSITY SENSOR PROGRESS REPORT NO. 5	1963
19630036435	REPORT ON NASA PROJECT STUDYING HYPERVELOCITY IMPACT CRATERS FOR GENERAL DYNAMICS/ASTRONAUTICS	1963
19630036437	RESULTS OF ACOUSTICAL SURVEY OF SA-3 LAUNCH	1963
19630036440	TECHNICAL PROGRESS REPORT, JUNE 13 - JULY 12, 1963 <SPACE PROGRAM FACILITIES DEVELOPMENT AT THE LAUNCH OPERATIONS CENTER<	1963
19630036441	ON THE CORRELATION RADIOMETER TECHNIQUE	1963
19630036442	A STUDY OF FOUR PALLASITES USING METALLOGRAPHIC, MICROHARDNESS AND MICROPROBE TECHNIQUES	1963
19630036450	TECHNICAL PROGRESS REPORT, MAY 13 - JUNE 12, 1963 <SPACE PROGRAM FACILITIES DEVELOPMENT AT THE LAUNCH OPERATIONS CENTER<	1963
19630036451	RESULTS OF STUDIES ON A TWIN-GYRO ATTITUDE CONTROL SYSTEM FOR SPACE VEHICLES	1963
19630036452	DYNAMIC RESPONSE OF FLUID FLOW THROUGH STRAIGHT AND CURVED LINES	1963
19630036453	DIGITAL ADAPTIVE CONTROL SYSTEM RESEARCH QUARTERLY PROGRESS REPORT NO. 2, MAY 1 - JULY 31, 1963	1963
19630036454	STATIC STABILITY OF SEVERAL SMALL-SCALE MODELS OF THE SATURN C-5 AT TRANSONIC SPEEDS	1963
19630036455	A GENERAL METHOD OF OBTAINING EXACT SAMPLING PROBABILITIES OF THE SHANNON-WIENER MEASURE OF INFORMATION	1963
19630036456	MAN-RATED CENTRIFUGES- A NATIONAL SURVEY WITH DESIGN CONSIDERATIONS AND RECOMMENDATIONS FOR FUTURE DEVICES	1963
19630036457	HYPERVIRIAL FUNCTIONS AND THE POSITIVE POWERS OF THE RADIAL COORDINATE OPERATOR IN HE AND H SUPER - <INTERIM TECHNICAL REPORT, SEPT. 16, 1961 - JUNE 1963<	1963
19630036458	SIMULTANEOUS TESTS AND THE EFFICIENCY OF GENERALIZED BALANCED INCOMPLETE BLOCK DESIGNS	1963
19630036459	INVESTIGATIONS OF THE STEADY AND UNSTEADY MOTION OF FREELY FALLING DISKS <INTERIM TECHNICAL REPORT<	1963
19630036461	INSERTION OF WIDE BANDWIDTH VIDEO DATA FOR COMMUNICATIONS FROM RECONNAISSANCE SATELLITES <FIRST REPORT, SEPT. 1962 - JUNE 1963<	1963
19630036462	PRESSURE, DENSITY AND INTERNAL ENERGY OF PENTOLITE EXPLOSION PRODUCTS	1963
19630036463	SOLID PROPELLANT ROCKET STATIC TEST FACILITIES	1963
19630036464	THE SURFACE TEMPERATURE OF AMMONIUM PERCHLORATE BURNING AT ELEVATED PRESSURES	1963
19630036465	INFORMATION PROCESSING IN COMMAND AND CONTROL, VOLUME I FINAL REPORT	1963
19630036466	DEVELOPING TECHNOLOGY TO FORGE UNCLAD BERYLLIUM, PHASE II INTERIM ENGINEERING PROGRESS REPORT, 1 JUNE 1963 - 31 AUG. 1963	1963
19630036467	EPITAXIAL FILM GROWTH INTERIM ENGINEERING PROGRESS REPORT NO. 2, 10 DEC. 1962 - 9 MAR. 1963	1963
19630036468	SURVEY OF HELICOPTER FLIGHT-LOAD PARAMETERS	1963
19630036469	DYNAMICS OF A ROCKET WITH AN AXIS OF SYMMETRY	1963
19630036470	EFFECT OF SONIC AND ULTRASONIC RADIATION ON SAFETY FACTORS OF ROCKETS AND MISSILES	1963
19630036471	STRENGTH OF STRUCTURAL MATERIALS UNDER IMPACT LOADING FINAL REPORT, APR. 15, 1961 - JUNE 14, 1963	1963
19630036472	TABLE OF SPACE VEHICLES	1963
19630036474	DESIGN CRITERIA FOR ADVANCED PROPELLANT SYSTEMS. PREPARATION AND CHARACTERIZATION OF GELLED PROPELLANTS	1963
19630036476	HIGH CHAMBER PRESSURE ROCKETRY PROGRAM	1963
19630036477	HIGH-ENERGY SOLID PROPELLANT RESEARCH AND DEVELOPMENT	1963
19630036479	AFMTC RANGE COMMUNICATIONS INSTRUCTIONS	1963
19630036480	WIND, WIND SHEAR, AND GUST DESIGN CRITERIA FOR VERTICALLY-RISING VEHICLES AS RECOMMENDED ON THE BASIS OF WIND DATA FROM ELEVEN UNITED STATES AND FOREIGN LOCATIONS	1963
19630036481	DIRECTED ENERGY WEAPONS TEST FACILITY	1963
19630036489	SEMI-ANNUAL REPORT SUMMARY, 1 DECEMBER 1962 TO 31 MAY 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036492	RE-ENTRY PHYSICS AND PROJECT PRESS PROGRAMS	1963
19630036499	FORMULATION OF AN ADVANCED SOLID PROPELLANT	1963
19630036500	Titan 2 Design Data Book, Volume 4. WS 107C	1963
19630036503	14-Day Report for Thrust Reversal System Altitude Integrity Test. Weapon System 133-A Rocket Motor Numbers XSR11-HP-1 and XSR9-HP-1	1963
19630036504	WING II CONTINUED DEVELOPMENT - FIRING NUMBER SD-9	1963
19630036505	WING II CONTINUED DEVELOPMENT - FIRING NUMBER 243D-2-4-1, MINUTEMAN STAGE III	1963
19630036506	WING II CONTINUED DEVELOPMENT - FIRING NUMBER SD-19, MINUTEMAN STAGE III	1963
19630036507	WING II CONTINUED DEVELOPMENT - FIRING NUMBER SD-24, MINUTEMAN STAGE III	1963
19630036508	WING II CONTINUED DEVELOPMENT - MINUTEMAN STAGE III, FIRING NUMBER SD-26	1963
19630036509	WING II CONTINUED DEVELOPMENT - FIRING NUMBER SD-27, MINUTEMAN STAGE III	1963
19630036510	WING II CONTINUED DEVELOPMENT - FIRING NUMBER SD-28	1963
19630036511	HIGH-RATE HYDROTEST - FIRING NUMBER SD-10, TEST I, MINUTEMAN STAGE III	1963
19630036512	FLIGHT TEST EVALUATION REPORT FOR FLIGHT TEST MISSILE 429	1963
19630036513	FLIGHT TEST EVALUATION REPORT FOR FLIGHT TEST MISSILE 431	1963
19630036514	FLIGHT TEST EVALUATION REPORT FOR FLIGHT TEST MISSILE 518	1963
19630036515	FLIGHT TEST EVALUATION REPORT FOR FLIGHT TEST MISSILE 430	1963
19630036516	FLIGHT TEST EVALUATION REPORT FOR FLIGHT TEST MISSILE 427	1963
19630036517	ALTITUDE TESTING OF THREE THIOKOL TE-385 SOLID-PROPELLANT ROCKET MOTORS	1963
19630036518	INVESTIGATION OF HEAT TRANSFER IN REGIONS OF SURFACE DISTORTION ON A FLAT PLATE	1963
19630036519	HIGH ENERGY FUELS PROJECT	1963
19630036520	EVALUATION OF A HIGH ENERGY LIQUID PROPELLANT ROCKET ENGINE OXIDIZER AND A PILOT PRODUCTION OF SAME	1963
19630036521	HIGH ENERGY SOLID OXIDIZER PRODUCTION PROCESS	1963
19630036523	INVESTIGATIONS OF NEGATIVE ION SOURCES	1963
19630036525	COMMAND GUIDANCE SYSTEM. DELTA 19, TIROS G, FLIGHT TEST REPORT	1963
19630036526	SYNTHESIS, CHARACTERIZATION AND EVALUATION OF METAL HYDRIDE	1963
19630036528	COMBINED QUARTERLY SUMMARY OF BUREAU OF NAVAL WEAPONS IGNITION RESEARCH	1963
19630036530	INVESTIGATION AND DEVELOPMENT OF ADVANCED TYPE SOLID PROPELLANTS	1963
19630036531	THIXOTROPIC PACKAGED LIQUID PROPELLANTS	1963
19630036532	HETEROGENEOUS PROPELLANT PROGRAM	1963
19630036533	RESEARCH AND DEVELOPMENT PROGRAM ON THIXOTROPIC PROPELLANTS	1963
19630036534	GEMINI LAUNCH VEHICLE PARAMETERS HANDBOOK	1963
19630036535	HEAT TRANSFER IN NOZZLE SYSTEMS	1963
19630036536	[No Title]	1963
19630036537	HEAT TRANSFER IN NOZZLE SYSTEMS	1963
19630036538	STATUS OF DEVELOPMENT PROJECTS	1963
19630036539	STATUS OF DEVELOPMENT PROJECTS	1963
19630036540	LABORATORY ANNUAL RESEARCH REPORT	1963
19630036541	ALTITUDE TESTING OF A HERCULES POWDER COMPANY BE-3 ROCKET MOTOR FOR THE ATHENA MISSILE SYSTEM	1963
19630036542	WEAPON SYSTEM 107A-2	1963
19630036543	THE HYDRAULIC TURBINE-DRIVEN INDUCER STAGE ANALYTICAL STUDY, PHASE I	1963
19630036544	THE DESIGN AND EVALUATION OF A LOW SPEED, HYDRAULIC TURBINE - DRIVEN PUMP DISCHARGE FED INDUCER STAGE	1963
19630036545	MECHANICAL DESIGN ASPECTS OF CENTRIFUGAL IMPELLERS HAVING HIGH TIP SPEED CAPABILITY- THE RESULTS OF AN EXPERIMENTAL PROGRAM, PHASE II	1963
19630036546	WEAPON SYSTEM 133A DEVELOPMENT OF SOLID-PROPELLANT ROCKET MOTORS FOR THE SECOND STAGE OF THE MINUTEMAN MISSILE	1963
19630036547	RESEARCH IN FLUORO-NITRO COMPOUNDS	1963
19630036549	SUSCEPTIBILITY OF SOLID-COMPOSITE PROPELLANTS TO EXPLOSION OR DETONATION	1963
19630036550	INVESTIGATION OF ADVANCED HYBRID PROPELLANTS	1963
19630036551	INVESTIGATION OF ADVANCED HYBRID PROPELLANTS	1963
19630036552	DEVELOPMENT OF PROPELLANT FOR LARGE SOLID MOTORS FOR SPACE BOOSTER APPLICATIONS	1963
19630036553	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM	1963
19630036554	DEVELOPMENT OF THE BOOSTED ARCAS SOUNDING ROCKET SYSTEM	1963
19630036555	DEVELOPMENT PROGRAM FOR A FEASIBILITY DEMONSTRATION OF A SOLIDPROPELLANT PULSE ROCKET	1963
19630036556	EXPERIMENTAL AERODYNAMIC INFLUENCE COEFFICIENTS FOR A 6 percent-THICK 70 DEG DELTA WING, PART 3 - HYPERSONIC FLOW	1963
19630036557	INVESTIGATION OF NEGATIVE ION SOURCES	1963
19630036558	INVESTIGATION OF THE FEASIBILITY OF SURFACE IONIZATION NEGATIVE ION SOURCES	1963
19630036559	INVESTIGATION OF HIGH-VOLTAGE ACCELERATION TECHNIQUES	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036563	THE AERODYNAMIC CHARACTERISTICS OF TWO RVX /RECOVERY VEHICLE EXPERIMENTAL/ CONFIGURATIONS	1963
19630036564	[No Title]	1963
19630036565	ADVANCED SOLID PROPELLANT RESEARCH	1963
19630036568	QUARTERLY PROGRESS REPORT <NO. 2> APRIL-JUNE 1963	1963
19630036570	RESEARCH ON LIGHT METAL CONTAINING HIGH ENERGY FUELS AND COMPLEX HIGH ENERGY OXIDIZERS	1963
19630036571	RESEARCH ON HIGH ENERGY OXIDIZERS FOR ADVANCED SOLID ROCKET PROPELLANTS	1963
19630036572	LETTER PROGRESS REPORT NO. 20, PART I, APR. 1-30, 1963	1963
19630036574	SERGEANT GYRO TEST PROGRAM. FINAL REPORT	1963
19630036577	TRANSIT SATELLITE PRECISION OSCILLATORS AND THEIR TEMPERATURE CONTROL	1963
19630036578	THE AN/BRN-3 RADIO NAVIGATION SET	1963
19630036579	SUPERSONIC COMBUSTION OF STORABLE FUELS	1963
19630036580	CONTRIBUTION OF AIR DIELECTRIC TO THE RADAR CROSS SECTION OF RE-ENTRY WAKES	1963
19630036581	VOYAGER DESIGN STUDY. APPENDIX TO VOLUME III- SUBSYSTEM DESIGN	1963
19630036583	SLURRY FUEL PROPELLANT RESEARCH PROGRAM FOR ADVANCED NAVY APPLICATIONS	1963
19630036584	DEVELOPMENT OF REFRACTORY MATERIALS FOR ROCKET NOZZLES AND VANES ELEVENTH QUARTERLY REPORT, MAR. 1 - MAY 30, 1963	1963
19630036585	CHEMICAL RESEARCH AS RELATED TO ADVANCED SOLID PROPELLANTS	1963
19630036586	GELLED HIGH ENERGY OXIDIZERS	1963
19630036587	INVESTIGATION OF 2."75 FFAR MOTOR MALFUNCTION AT NAS OCEANA, VIRGINIA	1963
19630036588	UNDER-ICE PROPAGATION OF LOW-FREQUENCY ACOUSTIC PULSES	1963
19630036589	[No Title]	1963
19630036590	CHEMISTRY RESEARCH QUARTERLY PROGRESS REPORT, JANUARY - MARCH 1963	1963
19630036592	THE DEVELOPMENT OF NITRASOL AS A NEW AND SUPERIOR UNDERWATER EXPLOSIVE	1963
19630036593	THE EXPLOSIVE PROPERTIES OF THE AMINO-SUBSTITUTED, SYMMETRICAL TRINITROBENZENES	1963
19630036594	QUARTERLY PROGRESS REPORT RESEARCH IN CHEMISTRY APRIL - JUNE 1963	1963
19630036595	Research and Development on Encapsulated Ingredients for Solid Propellants	1963
19630036596	CHEMICAL AND PROPELLANT PROCESSING	1963
19630036597	SYNTHETIC CHEMISTRY	1963
19630036598	AN INVESTIGATION OF RECOMBINATION AND PARTICLE LAG EFFECTS IN ROCKET NOZZLES	1963
19630036600	F-1 Engine Development Program	1963
19630036601	J-2 PROGRAM. QUARTERLY PROGRESS REPORT FOR PERIOD ENDING NOV. 30, 1962	1963
19630036602	RESEARCH AND DEVELOPMENT OF METAL HYDRIDE ORGANIC NITROGEN COMPLEXES	1963
19630036603	SYNTHESIS AND DEVELOPMENT OF HIGH-ENERGY FUELS	1963
19630036604	HIGH EXPANSION AREA RATIO NOZZLE INVESTIGATION- PHASE III, HOT FIRING PROGRAM	1963
19630036605	DEVELOPMENT OF A LIGHT METAL HYDRIDE HYBRID SYSTEM	1963
19630036606	RESEARCH IN HIGH-ENERGY OXIDIZERS	1963
19630036607	F-1 ENGINE SYSTEM MONTHLY PROGRESS LETTER, APR. 1 - APR. 30, 1963	1963
19630036608	F-1 ENGINE SYSTEM MONTHLY PROGRESS LETTER, JUNE 1 - JUNE 30, 1963	1963
19630036609	DECISION THEORY APPLIED TO RADAR DETECTION	1963
19630036612	SUMMARY COMMENTS ON OPTICAL WAVE, SEMI-ACTIVE GUIDANCE TECHNIQUES	1963
19630036614	STUDY OF REVERSE HYBRID PROPULSION SYSTEM	1963
19630036615	SOLID PROPELLANT STRUCTURAL INTEGRITY INVESTIGATIONS. DYNAMIC RESPONSE AND FAILURE MECHANISMS	1963
19630036616	SYNTHESIS AND DEVELOPMENT OF HIGH-ENERGY STORABLE ROCKET FUELS	1963
19630036617	DEVELOPMENT OF REINFORCED SOLID PROPELLANT GRAINS	1963
19630036618	DEVELOPMENT OF A HOT GAS VALVE FOR SECONDARY INJECTION THRUST VECTOR CONTROL	1963
19630036619	HOT GAS SECONDARY INJECTION THRUST VECTOR CONTROL DESIGN CRITERIA FOR SOLID PROPELLANT ROCKET MOTORS	1963
19630036620	EVALUATION OF SOLID ROCKET MOTOR BALLISTIC PROPERTIES UNDER HIGH "G" ENVIRONMENT - VOLUME II	1963
19630036621	ROCKET PROPULSION LAB. EXPLORATORY PROPELLANT RESEARCH	1963
19630036622	AN INVESTIGATION OF THE CHARACTERISTICS OF HYBRID PROPULSION SYSTEMS	1963
19630036623	DEVELOPMENT OF A HIGH ENERGY SOLID PROPELLANT	1963
19630036624	156-INCH DIAMETER MOTOR JET TAB TVC PROGRAM, VOLUME I	1963
19630036625	156-INCH DIAMETER MOTOR JET TAB TVC PROGRAM, VOLUME II	1963
19630036629	[No Title]	1963
19630036630	BASIC CHEMICAL RESEARCH FOR ADVANCED STORABLE LIQUID PROPELLANT SYSTEMS	1963
19630036631	BASIC CHEMICAL RESEARCH FOR ADVANCED STORABLE LIQUID PROPELLANT SYSTEMS	1963
19630036632	INVESTIGATION OF THE OFF-DESIGN PERFORMANCE OF INLETS FOR MACH 10 TURBO ACCELERATORS	1963
19630036633	FUNDAMENTAL INVESTIGATION OF HYPERGOLIC IGNITION FOR SOLID PROPELLANTS	1963
19630036635	AN INVESTIGATION OF REMOTE LUNAR ANALYSIS BY NUCLEAR ACTIVATION ANALYSIS	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036636	RESEARCH ON PHOTOVOLTAIC CELLS <INTERIM TECHNICAL DOCUMENTARY REPORT, MAY 1962 - APR. 1963<	1963
19630036637	STAR TRACKER AEROSPACE REFERENCE STUDY-STARs <FINAL REPORT, OCT. 1961 - NOV. 1962<	1963
19630036638	SULFUR NITROGEN PHOSPHORUS POLYMERS	1963
19630036639	INVESTIGATION OF A CLOSE TOLERANCE PYROTECHNIC METALLIC DELAY ELEMENT	1963
19630036640	INVESTIGATION OF THE KINETICS AND MECHANISM OF THE OXIDATION OF TANTALUM AND OTHER REFRACTORY METALS <FINAL REPORT, NOV. 1960 - DEC. 1962<	1963
19630036641	EVALUATION OF VHF TRANSMITTER COUPLER AMPLIFIER TYPE FA-5270 FINAL REPORT	1963
19630036643	MISSION ANALYSIS REPORT-MAR 6A. THE PERTURBATIONS OF A 24 HOUR EQUATORIAL SATELLITE DUE TO AN EARTH GRAVITY POTENTIAL THROUGH 4TH ORDER	1963
19630036644	MANUFACTURING METHODS FOR CONTINUOUS PROCESSING OF SOLID ROCKET PROPELLANTS INTERIM ENGINEERING PROGRESS REPORT, JULY 5 - OCT. 4, 1963	1963
19630036645	DEVELOPMENT OF PRODUCTION METHODS FOR HIGH-TEMPERATURE COATING OF LARGE TANTALUM PARTS INTERIM ENGINEERING PROGRESS REPORT, 1 JUNE 1963 - 31 AUG. 1963	1963
19630036646	ELECTRON BEAM WELDING IN VARIABLE ENVIRONMENTS INTERIM TECHNICAL DOCUMENTARY PROGRESS REPORT, OCT. 15, 1962 - APR. 14, 1963	1963
19630036649	INORGANIC DIELECTRICS RESEARCH PROGRESS NO. 7, MAY 1, 1963 - AUG. 1, 1963	1963
19630036650	ELASTIC, PLASTIC, AND FRACTURE BEHAVIOR OF SAPPHIRE /AI SUB 2 O SUB 3/ WHISKERS	1963
19630036655	A RESEARCH STUDY TO ADVANCE THE STATE-OF-THE-ART OF SOLID PROPELLANT GRAIN DESIGN SUMMARY REPORT <JULY 1, 1962 - JULY 31, 1963<	1963
19630036656	NEW AND IMPROVED REINFORCEMENTS FOR STRUCTURAL COMPOSITES SEVENTH QUARTERLY PROGRESS REPORT, NOV. 1962 - JAN. 1963	1963
19630036661	LARGE-AREA ELECTRONIC DISPLAY PANEL FIFTH QUARTERLY PROGRESS REPORT, 1 JUNE, 1963 - 31 AUG., 1963	1963
19630036663	SURVEY OF CURRENT DEVELOPMENTS IN FILAMENT WINDING - 1962 MANUFACTURING RESEARCH REPORT	1963
19630036664	THE NITRIC OXIDE OXYGEN ATOM REACTION AT LOW PRESSURES QUARTERLY STATUS REPORT NO. 15, JULY 1 - SEPT. 30, 1963	1963
19630036666	METER TO MEASURE THE HARDNESS OF METALS	1963
19630036667	STEAPAR	1963
19630036668	PRELIMINARY ABLATION RESULTS FOR SHARP CONES	1963
19630036669	GUIDANCE SUBSYSTEM INVESTIGATION, TASK 5	1963
19630036671	UNIQUE INJECTOR CONCEPTS DEVELOPMENT /UNICODE/, VOLUME II	1963
19630036672	INCREASED SCOPE PROGRAM. IMPROVED TARTAR MOTOR	1963
19630036673	DEVELOPMENT OF AN IMPROVED DUAL-THRUST ROCKET MOTOR FOR THE TARTAR MISSILE	1963
19630036674	PROPELLANT STRUCTURAL INTEGRITY INVESTIGATIONS- PROPELLANTLINER BOND STUDIES	1963
19630036675	CHEMICALLY HEATED ZINC-SILVER OXIDE BATTERY	1963
19630036676	LETTER PROGRESS REPORT NUMBER 21, MAY 1-31, 1963	1963
19630036677	RESEARCH AND DEVELOPMENT ON ENCAPSULATED INGREDIENTS FOR SOLID PROPELLANTS	1963
19630036678	MAXIMUM ANTITANK RANGE STUDY	1963
19630036679	WEAPON SYSTEM 133A- WING VI /U/ PROGRAM PROGRESS QUARTERLY <REPORT< APR. 1 - JUNE 30, 1963	1963
19630036680	WEAPON SYSTEM 133A- ROCKET MOTOR M-57-E1, MINUTEMAN STAGE III. FLIGHT TEST MISSILE 658	1963
19630036681	WEAPON SYSTEM 133A- ROCKET MOTOR M-57-E1, MINUTEMAN STAGE III. FLIGHT TEST MISSILE 428	1963
19630036682	WEAPON SYSTEM 133B- WING VI STAGE III MINUTEMAN	1963
19630036684	EFFECTS OF ATMOSPHERIC VARIABILITY ON THE MARK 15 RE-ENTRY VEHICLE PERFORMANCE	1963
19630036695	Titan 2 Design Data Book	1963
19630036696	SOLID PROPELLANT IGNITION STUDIES	1963
19630036697	DELTA RANGE SAFETY LAND IMPACT PROBABILITY STUDY FOR THE S-17 SPACECRAFT MISSION	1963
19630036701	DEVELOPMENT AND TESTING OF ADVANCED HIGH-ENERGY FLUORINECONTAINING SOLID PROPELLANTS	1963
19630036702	DIRECT BLEED SECONDARY INJECTION THRUST VECTOR CONTROL SYSTEM FOR LARGE SOLID PROPELLANT BOOSTERS	1963
19630036703	EFFECTS OF AERODYNAMICALLY GENERATED SOUND ON ROCKETS FIRED IN SALVOS	1963
19630036704	RESEARCH IN THE SYNTHESIS OF HIGH ENERGY STORABLE OXIDIZERS	1963
19630036705	RESEARCH STUDIES FOR NEW CONCEPTS IN DIRECTIONAL CONTROL GUIDANCE. FINAL TECHNICAL REPORT, PHASE I SEPT. 15, 1963	1963
19630036708	A TUFT STUDY OF THE A3D-2 AIRPLANE WITH AND WITHOUT WING LEADING EDGE CAMBER AND WITH TWO WING-MOUNTED XASM-N-8 MISSILES	1963
19630036709	DESIGN, DEVELOPMENT, AND RELEASE-TO-EXPERIMENTAL-FLIGHT-TEST PROGRAM FOR THE DUAL-THRUST ROCKET MOTOR MK27, MOD O FOR THE IMPROVED TARTAR MISSILE	1963
19630036711	QUARTERLY PROGRESS REPORT, DECEMBER 1962	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036712	EVALUATION OF HIGH-ENERGY MATERIALS AS LIQUID PROPELLANTS	1963
19630036714	CHEMISTRY RESEARCH QUARTERLY PROGRESS REPORT, APRIL - JUNE 1963	1963
19630036715	HIGH PRESSURE ROCKET ENGINE FEASIBILITY PROGRAM	1963
19630036716	DELTA RANGE SAFETY LAND IMPACT PROBABILITY STUDY FOR THE SYNCOM A-26 SPACECRAFT MISSION	1963
19630036717	INVESTIGATION OF THE GENERATION AND PROJECTION OF HIGH-ENERGY SPHERICAL PLASMOIDS	1963
19630036718	INTERIOR BALLISTICS QUARTERLY PROGRESS REPORT, OCT. 16, 1962 - JAN. 15, 1963	1963
19630036720	[No Title]	1963
19630036721	F-4A/B AIRPLANE DEMONSTRATION SCHEDULE REPORT - SUPPLEMENT I - MULTIPLE CONVENTIONAL WEAPONS	1963
19630036723	MINUTES OF THE FOURTH ANNUAL REVIEW OF THE SUPPORTING RESEARCH PROGRAM IN SOLID AND HYBRID PROPELLANTS, HELD AT REDSTONE ARSENAL, APRIL 24, 1963	1963
19630036725	RELATIONSHIP BETWEEN DECOMPOSITION KINETICS AND SENSITIVITY	1963
19630036726	TENTATIVE SCHEDULE OF OPERATION FOR THE TEST FACILITIES	1963
19630036727	RESEARCH ON HIGH ENERGY OXIDIZERS FOR ADVANCED SOLID ROCKET PROPELLANTS	1963
19630036728	OPTICAL CONTRAST SEEKER PROGRAM FISCAL YEAR 1963	1963
19630036729	RLIO ROCKET ENGINE	1963
19630036730	RESEARCH AND DEVELOPMENT ON HIGH-ENERGY PROPELLANTS FROM NITROGENRICH BINDERS	1963
19630036731	RESEARCH ON ADVANCED SOLID PROPELLANTS /U/ QUARTERLY PROGRESS REPORT, DEC. 11, 1962 - MAR. 10, 1963	1963
19630036734	[No Title]	1963
19630036735	DEVELOPMENT OF A HIGH ENERGY SOLID PROPELLANT FORMULATION	1963
19630036736	PERFORMANCE EVALUATION OF AN AEROJET-GENERAL CORPORATION EXPANDABLE NOZZLE EXTENSION AND A NON-RIGID CONICAL NOZZLE EXTENSION AT SIMULATED ALTITUDES	1963
19630036737	RESEARCH IN FLUORINE CHEMISTRY	1963
19630036738	RESEARCH ON ADVANCED SOLID PROPELLANTS /U/ QUARTERLY PROGRESS REPORT, MAR. 11 - JUNE 10, 1963	1963
19630036739	RESEARCH ON ADVANCED SOLID PROPELLANTS /U/ QUARTERLY PROGRESS REPORT, JUNE 11 - SEPT. 10, 1963	1963
19630036741	RESEARCH AND DEVELOPMENT ON FLOURINE BASED OXIDIZERS	1963
19630036742	EVALUATION OF A HIGH-ENERGY SOLID PROPELLANT	1963
19630036745	PREDICTION OF HYPERSONIC AERODYNAMIC CHARACTERISTICS FOR LIFTING VEHICLES	1963
19630036749	RESEARCH AND ENGINEERING PROJECTS	1963
19630036751	WEAPON SYSTEM 133A- SECOND-STAGE MINUTEMAN M56A1 MOTOR DATE BOOK	1963
19630036752	WEAPON SYSTEM 107A-2	1963
19630036753	INVESTIGATION OF ADVANCED HYBRID PROPELLANTS	1963
19630036754	POLARIS POWER-PLANT DEVELOPMENT	1963
19630036755	UNIQUE INJECTOR CONCEPTS DEVELOPMENT /UNICODE/, VOLUME I	1963
19630036756	CONTROLLABLE SOLID PROPELLANT ROCKET MOTOR	1963
19630036761	REPORT OF SERVICE ACCEPTANCE TRIALS ON MODEL A-4E AIRCRAFT	1963
19630036763	RELATIVE MUSCLE LOADING AND ENDURANCE	1963
19630036764	EXPERIMENTAL REFLECTOR ORBITAL SHOT /EROS/	1963
19630036765	EXPERIMENTAL REFLECTOR ORBITAL SHOT	1963
19630036766	RESEARCH PROGRAM RELATED TO VAPOR THERMIONIC CONVERTERS FOR NUCLEAR APPLICATIONS QUARTERLY PROGRESS REPORT, 27 MAR. - 27 JUNE 1963	1963
19630036767	INVESTIGATION AND EVALUATION OF NEW APPROACHES TO TEACHING SYSTEM THEORY FINAL REPORT	1963
19630036768	HIGH POWER DENSITY, MHD POWER GENERATOR SYSTEMS	1963
19630036769	A GEOPHYSICAL INVESTIGATION OF INDIAN WELLS VALLEY, CALIFORNIA	1963
19630036770	AN EXTENSION OF CHAPMAN'S ANALYSIS FOR HEAT TRANSFER IN REGIONS OF SEPARATED FLOW /TASK 3.1 - FLOW-FIELD ANALYSIS - REST PROJECT/	1963
19630036771	THEORETICAL ANALYSIS OF TAILORING CONDITIONS IN A COMBUSTIONDRIVEN SHOCK TUNNEL /TASK 3.4 - SHOCK TUNNEL EXPERIMENTS - REST PROJECT/	1963
19630036772	RAD 20-INCH SHOCK TUNNEL /TASK 3.4 - SHOCK TUNNEL EXPERIMENTS - REST PROJECT/	1963
19630036775	THE KINETICS AND MECHANISMS OF THE STRENGTHENING OF MARAGING STEELS FIRST QUARTERLY PROGRESS REPORT, APR. 1, 1963 - JUNE 30, 1963	1963
19630036776	LOW-SPEED WIND-TUNNEL TESTS ON A STREAMLINED BODY CONTAINING A DUCTED LIFTING FAN	1963
19630036777	HYDRAULIC TESTS OF THE 1000 ATMOSPHERES WORKING PRESSURE DIAPHRAGM SECTION INTENDED FOR THE R.A.E. 6 INCH DIAMETER SHOCK TUBE	1963
19630036779	FRIEDEL-CRAFT REACTIONS FOR THE SYNTHESIS OF HEAT-RESISTANT AROMATIC POLYMERS	1963
19630036780	THE DEVELOPMENT OF A MICROBALANCE TO DETECT A FORCE OF 2 X 10 SUPER -8 DYNE	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036781	THE MANUFACTURE OF REINFORCED PLASTIC BOTTLE ENDED PRESSURE VESSELS BY THE FILAMENT WINDING PROCESS, PART 1	1963
19630036782	LOGICAL CIRCUITS FOR CONTROLLING THE ANGULAR POSITION OF AN EIGHT DIGIT GRAY CODED DISC	1963
19630036784	THE MEASUREMENT OF VOLTAGE DISTURBANCES WHICH OCCUR AT THE BUSBARS OF AIRCRAFT ELECTRICAL GENERATING SYSTEMS WHEN LOADS ARE SWITCHED	1963
19630036786	AN ELECTROMECHANICAL METHOD OF RESOLVING VIBRATIONAL WAVEFORMS INTO IN-PHASE AND QUADRATURE COMPONENTS	1963
19630036787	SPECTROSCOPY IN THE FAR INFRARED REGION FINAL REPORT <JUNE 16, 1958 - JUNE 30, 1963<	1963
19630036788	INVESTIGATION OF DYNAMIC STABILITY DERIVATIVES OF VEHICLES FLYING AT HYPERSONIC VELOCITY TECHNICAL DOCUMENTARY REPORT, <APR. 1961 - MAY 1962<	1963
19630036789	LOW-POWER THIN-MAGNETIC-FILM MEMORY FINAL TECHNICAL REPORT, APR. 5, 1962 - APR. 22, 1963	1963
19630036790	STUDY OF TOXIC GASES FROM PROPELLANT DEVICES AND DEVELOPMENT OF THE M80, XM87, XM88, AND XM89 INITIATORS	1963
19630036791	RESEARCH RELATING TO FUEL CELLS HYDROGEN DIFFUSION ELECTRODE QUARTERLY PROGRESS REPORT NO. 3, APR. 1 - JUNE 30, 1963	1963
19630036792	EVALUATION OF LORAN RECEIVING SET AN/APN-145 FINAL REPORT	1963
19630036793	YH-41 STABILITY AND CONTROL RE-EVALUATION	1963
19630036794	HIGH-POWER TRAVELING-WAVE MULTIPLE-BEAM KLYSTRON FOURTH QUARTERLY PROGRESS REPORT, 1 APR. 1963 - 30 JUNE 1963	1963
19630036797	DESIGN PLAN FOR THE CONSTRUCTION OF A CONTINUOUSLY SCANNING ANALYZER	1963
19630036798	MULTIMEGAWATT BROADBAND MICROWAVE TUBES	1963
19630036799	STUDY OF PULSED RADIATION EFFECTS ON MICROWAVE FERRITE DUPLEXERS FIFTH QUARTERLY REPORT 1 MAY - 31 JULY 1963	1963
19630036802	STUDY OF VIABILITY OF MICROORGANISMS IN SIMULATED SPACE QUARTERLY STATUS REPORT, APR. 22 - JULY 31, 1962	1963
19630036804	EARTH ANTENNA BEAM ELEVATION ANGLES OF MULTIPLE-ACCESS SATELLITE COMMUNICATION SYSTEMS REPORT NO. 7	1963
19630036805	PRELIMINARY CONSIDERATIONS OF PFM CROSSCORRELATION DISCRIMINATORS	1963
19630036810	THE DEEP STRUCTURE OF CONTINENTS	1963
19630036812	SYNTHETIC APERTURE RADAR MAPPING OF THE LUNAR SURFACE T. VAN SICKLE IN ITS THEORETICAL INVEST. OF THE USE OF RADAR IN THE STUDY OF THE MOON AND PLANETS	1963
19630036813	THE DISTRIBUTION OF SPECULAR POINTS ON A ROUGH SPHERICAL SURFACE IRVIN KAY IN ITS THEORETICAL INVEST. OF THE USE OF RADAR IN THE STUDY OF THE MOON AND PLANETS	1963
19630036815	THE DEPENDENCE OF CELL DIVISION IN CHLORELLA ON TEMPERATURE AND LIGHT INTENSITY	1963
19630036820	ON THE EXISTENCE OF CYCLOTRON FREQUENCY WAVES IN A COLD, COLLISIONLESS, ANISOTROPIC PLASMA	1963
19630036823	RESEARCH STATISTICAL CONTROL AS AN AID FOR SETTING EQUIPMENT THRESHOLDS IN THE RECORDING OF TELEMETRY DATA	1963
19630036824	FLOX IN ATLAS OXIDIZER SYSTEM MONTHLY PROGRESS REPORT	1963
19630036825	FLIGHT REPORT FOR VEHICLE S/N 359/20004/20007, DELTA PROGRAMMISSION NO. 19, SPACECRAFT-TIROS G AUG. 1963	1963
19630036826	INVESTIGATION OF NONMETALLIC MATERIALS FOR MANNED SPACE VEHICLES FINAL REPORT	1963
19630036829	Development of capsules for the sert program monthly progress report no. 21, mar. 24- apr. 21, 1963	1963
19630036832	LAUNCH VEHICLE DESCRIPTION MANUAL, LAUNCH VEHICLE 12-50, LITTLE JOE II	1963
19630036833	SURVEY OF OPTICAL SURFACE COATING REQUIREMENTS FOR SPACE VEHICLE AUXILIARY POWER SYSTEMS <SUMMARY< TECHNICAL REPORT <JUNE 15, 1962 - OCT. 15, 1962<	1963
19630036834	MANUFACTURING METHODS FOR HIGH-FREQUENCY RESISTANCE WELDING INTERIM ENGINEERING PROGRESS REPORT, 1 JULY, 1963 - 30 SEPT., 1963	1963
19630036835	SINGLE-CELL-AND-CONVERTER FUZE POWER SUPPLY	1963
19630036836	POROUS IONIZER DEVELOPMENT AND TESTING SECOND QUARTERLY REPORT, 1 MAY - 31 JULY, 1963	1963
19630036837	RIFT TRANSPORT EQUIPMENT DESIGN REPORT	1963
19630036838	BURBANK. HIGH-ALTITUDE CLEAR-AIR TURBULENCE TECHNICAL DOCUMENTARY REPORT <JULY 1962- JUNE 1963<	1963
19630036839	ENGINEERING STUDY OF VAPOR CYCLE COOLING COMPONENTS FOR SPACE VEHICLES TECHNICAL DOCUMENTARY REPORT, <OCT. 15, 1961 - SEPT. 30, 1962<	1963
19630036846	STRESSES ROUND PINS IN HOLES	1963
19630036849	THE THERMAL CONDUCTIVITY OF PYROLYTIC GRAPHITE AT ELEVATED TEMPERATURES	1963
19630036850	THE REPEATABILITY OF STRENGTH OF TOUGHENED AND STRENGTHENED GLASSES	1963
19630036851	SPECTROMETRY OF THE THERMAL DECOMPOSITION OF AMMONIUM PERCHLORATE	1963
19630036852	VARIATION OF THE TIME SPENT IN SUNLIGHT BY A SATELLITE IN A CIRCULAR ORBIT	1963
19630036853	A PEGASUS COMPUTER PROGRAMME FOR ESTIMATING ERRORS IN THE EPHEMERIS OF A SATELLITE, WITH AN APPLICATION TO ARIEL I	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036854	PERTURBATIONS OF A GEOSTATIONARY SATELLITE. I. THE ELLIPTICITY OF THE EQUATOR	1963
19630036855	STRUCTURAL DESIGN	1963
19630036856	TESTS WITH A HEAVY LOAD SKIDDING MACHINE TO DETERMINE THE FRICTION COEFFICIENT BETWEEN AN AIRCRAFT TYRE AND VARIOUS WET SURFACES. PART I- LOCKED WHEEL TRIALS AT LONDON AIRPORT /HEATHROW/ AND WISLEY AIRFIELD	1963
19630036857	RESEARCH INVESTIGATION OF THE SPECTRAL TRANSMISSIVITIES OF TRANSPARENT MATERIALS QUARTERLY STATUS REPORT NO. 1, JUNE 24 - SEPT. 23, 1963	1963
19630036858	STUDY OF THE APPLICATION OF ELECTRIC PROPULSION TO SPACE MISSIONS QUARTERLY PROGRESS REPORT NO. 1, MAY 29,-AUG. 31, 1963	1963
19630036859	BEHAVIOR OF THIN ALKALI METAL LAYERS ON REFRACTORY METAL SUBSTRATES MONTHLY PROGRESS REPORT NO. 1, 3 JUNE 1963 - 30 JUNE 1963	1963
19630036866	NONEQUILIBRIUM GASDYNAMICS RELATED TO PROPULSION SYSTEMS QUARTERLY REPORT, SEPT. 31, 1963	1963
19630036870	ELECTRICAL INSULATORS FOR VERY HIGH TEMPERATURES QUARTERLY REPORT NO. 6, NOV. 5, 1962 - FEB. 4, 1963	1963
19630036871	PRELIMINARY STABILITY ANALYSIS OF SATURN I BLOCK II VEHICLES	1963
19630036872	APPLIED RESEARCH ON ELECTRO-MAGNETO-RESTRICTIVE VIBRAGYRO QUARTERLY PROGRESS REPORT, APR. 8 - JULY 7, 1963	1963
19630036876	A REVIEW AND CRITIQUE OF CURRENT METHODS FOR INTERNAL FLOW ANALYSIS	1963
19630036877	RIFT ANNUAL PROGRAM PROGRESS REPORT, FISCAL YEAR 1963	1963
19630036878	DESIGN AND EVALUATION OF AN INSTRUMENT FOR MEASURING THE SPECIFIC HEAT OF POTASSIUM VAPOR TOPICAL REPORT	1963
19630036879	CORROSION PRODUCT SEPARATION IN A CROLOY 9M MERCURY LOOP QUARTERLY REPORT, APR. 24, 1963 - JULY 31, 1963	1963
19630036881	STUDY OF MICROWAVE AND VISIBLE LIGHT WAVE TRANSMISSION THROUGH SOLID PROPELLANT EXHAUST GASES QUARTERLY PROGRESS REPORT NO. 1, AUG. 1 - OCT. 31, 1962	1963
19630036883	STABILIZATION AND CONTROL SUBSYSTEM, NINBUS METEOROLOGICAL SATELLITE FLIGHT MONTHLY PROGRESS REPORT NO. 21	1963
19630036884	EXPERIMENTAL INVESTIGATION OF THE VIBRATORY RESPONSES AND STRUCTURAL CHARACTERISTICS OF SOME SIMULATED WALL PANELS	1963
19630036885	METEOROLOGICAL DATA REPORT- AEROBEE NASA 4.21 /NASA-72/	1963
19630036886	BASE HEATING INVESTIGATIONS ON A 1/10 SCALE MODEL CENTAUR STAGE USING SHORT-DURATION HIGH ALTITUDE TESTING TECHNIQUES	1963
19630036887	CATHODE DEVELOPMENT STUDIES FOR ARC AND BOMBARDMENT-TYPE ION ENGINES FINAL SUMMARY REPORT	1963
19630036890	THE THERMAL CONDUCTIVITY AND ELECTRICAL RESISTIVITY OF LIQUID POTASSIUM AND THE ALLOY NIOBIUM - I ZIRCONIUM TOPICAL REPORT	1963
19630036892	ON POSSIBLE RADIO NOISE FROM THE MOON	1963
19630036894	CONTROL, STABILITY AND NONLINEAR OSCILLATIONS QUARTERLY STATUS REPORT NO. 1, 2, APR. 1963 - 24 JULY 1963	1963
19630036899	OBSERVATIONS OF VENUS, THE SUN, MOON, AND TAU A AT 1.18-CM WAVELENGTH	1963
19630036914	STUDY OF VORTEX-BOUNDARY LAYER INTERACTION FIRST QUARTERLY STATUS REPORT FOR THE PERIOD ENDING SEPT. 25, 1963	1963
19630036916	SPUTTERING OF METEORITES BY HE SUPER PLUS, NE SUPER PLUS, AND AR SUPER PLUS IONS	1963
19630036919	TEMPERATURE PROFILE IN THE ENTRANCE REGION OF AN ANNULAR PASSAGE CONSIDERING THE EFFECTS OF TURBULENT CONVECTION AND RADIATION	1963
19630036922	RIFT. FIFTEENTH MONTHLY TECHNICAL PROGRESS REPORT, SEPT. 1963 OCT. 20, 1963	1963
19630036924	RESEARCH ON APPLIED BIOELECTROCHEMISTRY FIRST QUARTERLY PROGRESS REPORT, MAR. 14 - JUNE 30, 1963	1963
19630036927	RESEARCH OF A BIROPELLANT PLASMAJET DEVICE SUMMARY REPORT <JUNE 1962 - FEB. 1963>	1963
19630036929	MYELIN BREAKDOWN AND MYELINATED FIBER REGROWTH IN RAT BRAIN AFTER IONIZING PARTICLE IRRADIATION	1963
19630036930	FLASH WELDING OF 2219-T87 ALUMINUM ALLOY FOR MARSHALL SPACE FLIGHT CENTER, A. S. A	1963
19630036931	COMPARISON OF THEORETICAL AND MEASURED SKIN TEMPERATURE HISTORIES FROM THREE THOR-DELTA FLIGHTS	1963
19630036932	METEOROLOGICAL DATA REPORT- AEROBEE NASA 1.14 /AF-46/	1963
19630036936	HIGH TEMPERATURE PROPERTIES OF SODIUM AND POTASSIUM TENTH PROGRESS REPORT, 1 JAN. - 31 MAR. 1963	1963
19630036937	THEORETICAL AND EXPERIMENTAL INVESTIGATION ON MODULATION INDUCING RETRODIRECTIVE OPTICAL SYSTEMS MONTHLY CONTRACT PROGRESS REPORT NO. 2, JUNE 21 - JULY 21, 1963	1963
19630036939	Hydrogen Arc-Jet Exhaust Diagnostics Final Report <Nov. 28, 1961 - Nov. 27, 1962	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630036940	SUPERSONIC AERODYNAMIC CHARACTERISTICS OF SOME SIMPLIFIED AND COMPLEX AIRCRAFT CONFIGURATIONS WHICH EMPLOY HIGHLY SWEEPED TWISTED-AND-CAMBERED ARROW-WING PLANFORMS	1963
19630036942	Transcript of the Photovoltaic Specialists Conference, Volume 1: Photovoltaic Materials, Devices and Radiation Damage Effects	1963
19630036948	MODIFICATION OF ASR-4 RADAR INDICATOR TO PROVIDE BRIGHT DISPLAY OF RADAR, BEACON, ALPHA-NUMERIC AND SYMBOLIC DATA SECOND QUARTERLY INTERIM REPORT	1963
19630036949	PRE-MILITARY RESEARCH EVALUATION CONFERENCE REPORT - MODEL XH-51A RIGID ROTOR HELICOPTER	1963
19630036950	ENERGY DEPENDENCE FOR THE PHOTODETACHMENT OF I SUPER - NEAR THRESHOLD	1963
19630036956	THE SENSITIVITY OF VIBRATORY GYROSCOPES TO ACCELERATION	1963
19630036957	BEARING LUBRICATION UNDER SEVERE CONDITIONS BIMONTHLY PROGRESS REPORT, AUG. - SEPT. 1963	1963
19630036958	THE PROTECTION AGAINST BIMETALLIC CORROSION OF METALS IN CONTACT WITH TITANIUM FINAL REPORT	1963
19630036959	SIMILARITY QUALIFICATION TEST REPORT VALVE ASSEMBLY - PNEUMATIC PRESSURE REDUCER, STERER PART NUMBER 24170, GD/CONVAIR SPECIFICATION, 12-04102	1963
19630036964	MARK 3 MATERIALS FLIGHT TEST PROGRAM	1963
19630036965	ADVANCED RE-ENTRY PROGRAMS. SEMI-ANNUAL REPORT, VOLUME II, DEC. 1, 1962 - MAY 31, 1963	1963
19630036966	ADVANCED RE-ENTRY SYSTEMS CONCEPTS STUDY, PHASE I	1963
19630036967	EXPERIMENTAL WIND TUNNEL RESULTS FOR THE STATIC STABILITY AND CONTROL EFFECTIVENESS OF A 9 DEG CONE WITH TRAILING FLAPS AT M EQUAL 8.0	1963
19630036969	ASFIR RADAR TWT AMPLIFIERS	1963
19630036970	HIGH RESOLUTION HEMISPHERICAL REFLECTOR ANTENNA TECHNIQUES	1963
19630036971	MONOCOMPOUND ROCKET ENGINE	1963
19630036972	EXTERNAL TEMPERATURE SURVEY OF A YJ93-GE-3 TURBOJET ENGINE EQUIPED WITH AN RS-70 AIRCRAFT HEAT SHIELD AT VARIOUS SIMULATED ALTITUDES AND MACH NUMBERS	1963
19630036973	STUDY OF PROBLEMS ASSOCIATED WITH THE CLUSTERING OF VERY LARGE SOLID-PROPELLANT MOTORS	1963
19630036976	POLARIS PROGRESS REPORT, JULY 1 - OCTOBER 1, 1963	1963
19630036980	APOLLO GUIDANCE AND NAVIGATION PROGRAM /U/ QUARTERLY TECHNICAL PROGRESS REPORT, MAR. 1963	1963
19630036981	FUNDAMENTAL INVESTIGATION OF HYPERGOLIC IGNITION FOR SOLID PROPELLANTS /U/ SIXTEENTH MONTHLY LETTER REPORT, SEPT. 16 - OCT. 15, 1963	1963
19630036982	THE PREPARATION AND EVALUATION OF ENCAPSULATED MATERIALS FOR SOLID PROPELLANTS	1963
19630036983	PROJECT APOLLO GUIDANCE AND NAVIGATION PROGRAM /U/ MONTHLY TECHNICAL PROGRESS REPORT, DEC. 11, 1962 - JAN. 11, 1963	1963
19630036984	POLYMERIC ALUMINUM HYDRIDE AND ITS ALADS WITH LIGHTWEIGHT HYDRIDES	1963
19630036985	INTERNAL ENVIRONMENT OF SOLID ROCKET NOZZLES	1963
19630036986	IRIA ANNOTATED BIBLIOGRAPHY OF INFRARED LITERATURE	1963
19630036987	SYSTHESIS OF INORGANIC OXIDIZERS /U/ FOURTH QUARTERLY PROGRESS REPORT, JUNE 1 - SEPT. 1, 1963	1963
19630036988	MANUFACTURING METHODS FOR HIGH ENERGY METAL HYDRIDES /U/ FIRST QUARTERLY INTERIM TECHNICAL PROGRESS REPORT, 1 JULY 1963 - 30 SEPT. 1963	1963
19630036989	THE BALLISTIC DESIGN, LOADING, INSPECTION, AND HANDLING OF HIGH STRENGTH SOLID PROPELLANT ROCKET MOTOR ASSEMBLIES	1963
19630036990	THE COVER APPROACH. PART 2. NONCOOPERATIVE SYSTEMS	1963
19630036991	ENCAPSULATING PROCESS DEVELOPMENT FOR REACTIVE PROPELLANT INGREDIENTS	1963
19630036993	RIFT MONTHLY TECHNICAL PROGRESS REPORT, AUG. 1963	1963
19630036994	QUARTERLY PROGRESS REPORT ON PROCESS RESEARCH, MAY 1 - JULY 31, 1963	1963
19630036996	PRODUCTION OF SOLID OXIDIZER OF PARTICULAR SIZE AND SHAPE	1963
19630037001	HIGH CURRENT DENSITY POSITIVE ION SOURCES	1963
19630037006	IMPROVED IGNITION COATINGS FOR SOLID PROPELLANTS	1963
19630037007	PROJECT GEMINI. QUARTERLY STATUS REPORT NO. 5, MAY 31, 1963	1963
19630037009	PROJECT GEMINI- MONTHLY PROGRESS LETTER REPORT, APRIL 26 - MAY 25, 1962	1963
19630037013	THIRTY-KILOWATT PLASMAJET ROCKET-ENGINE DEVELOPMENT. SECOND YEAR DEVELOPMENT PROGRAM	1963
19630037016	PENTABORANE- AN ANNOTATED BIBLIOGRAPHY	1963
19630037020	LUNAR RECONNAISSANCE SYSTEM	1963
19630037025	ADVANCED SOLID PROPELLANT RESEARCH	1963
19630037027	RESEARCH AND DEVELOPMENT ON HIGH-ENERGY PROPELLANTS FROM NITROGENRICH BINDERS	1963
19630037028	HIGH RESOLUTION PULSE COMPRESSION TECHNIQUE STUDY	1963
19630037029	F-1 (18th) Quarterly Progress Report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630037031	DEVELOPMENT OF CATALYSTS FOR MONOPROPELLANT DECOMPOSITION OF HYDRAZINE	1963
19630037032	RESEARCH ON HIGH ENERGY FUELS FOR USE IN ADVANCED SOLID ROCKET PROPELLANTS	1963
19630037033	ANALYTICAL AND EXPERIMENTAL EVALUATION OF INLET COMPRESSION SYSTEMS IN THE MACH RANGE 10 TO 25	1963
19630037034	RESEARCH IN FLUORO-NITRO COMPOUNDS	1963
19630037035	POLARIS POWER-PLANT DEVELOPMENT	1963
19630037036	PROCESS SCALEUP AND PRODUCTION OF ADVANCED PROPELLANT OXIDIZERS	1963
19630037037	[No Title]	1963
19630037038	A FEASIBILITY STUDY OF THE USE OF X-RAY INSTRUMENTATION TO DETERMINE BOMB FRAGMENTATION	1963
19630037039	FLUTTER DATA AT HYPERSONIC SPEEDS M EQUALS 5 TO 10	1963
19630037040	RESEARCH AND DEVELOPMENT ON FLUORINE BASED OXIDIZERS	1963
19630037043	SYNTHESIS OF HIGH-ENERGY POLYMERS AND SOLID OXIDIZERS	1963
19630037045	RADIATION-CHEMISTRY OXIDIZER SYNTHESIS STUDY /U/ QUARTERLY REPORT, JULY 1, 1963 - SEPT. 30, 1963	1963
19630037046	RESEARCH ON LIGHT METAL FUELS AND OXIDIZER CHEMISTRY. PART I RESEARCH ON LIGHT METAL FUELS /U/ QUARTERLY PROGRESS REPORT NO. 1, MAY - JULY 1963	1963
19630037047	RESEARCH ON LIGHT METAL FUELS AND OXIDIZER CHEMISTRY. PART II OXIDIZER CHEMISTRY /U/ QUARTERLY PROGRESS REPORT NO. 1, MAY - JULY 1963	1963
19630037048	RESEARCH ON HIGH ENERGY OXIDIZERS FOR ADVANCED SOLID ROCKET PROPELLANTS	1963
19630037049	COMMUNICATION SATELLITE. PROJECT ADVENT, SECTION 4. PROPULSION SUBSYSTEM, VOLUME 6	1963
19630037050	SUBSYSTEM, VOLUME 7	1963
19630037051	QUARTERLY PROGRESS REPORT /3-63/	1963
19630037052	SLURRY FUEL PROPELLANT RESEARCH PROGRAM FOR ADVANCED NAVY APPLICATIONS	1963
19630037057	CHEMISTRY RESEARCH QUARTERLY PROGRESS REPORT, OCT. - DEC. 1962	1963
19630037058	[No Title]	1963
19630037059	RESEARCH ON SELECTIVE FLUORINATION TECHNIQUES	1963
19630037060	HIGH PRESSURE OXYGEN-HYDROGEN ROCKET ENGINE. PARAMETRIC DESIGN DATA	1963
19630037062	TRAVELING WAVE PHASE SHIFTER	1963
19630037064	THE PHOTOMULTIPLIER DETECTION SEEKER APPROACH FOR OPTICAL SEMIACTIVE SYSTEMS	1963
19630037065	RESEARCH IN FLUORINE CHEMISTRY	1963
19630037066	RESEARCH IN THE SYNTHESIS OF HIGH-ENERGY STORABLE OXIDIZERS	1963
19630037067	SYNTHESIS AND DEVELOPMENT OF HIGH-ENERGY FUELS	1963
19630037068	A.R.P.A. PROJECTS	1963
19630037069	RESEARCH AND DEVELOPMENT ON FLUORINE BASED OXIDIZERS	1963
19630037070	INVESTIGATION AND DEVELOPMENT OF ADVANCED TYPE SOLID PROPELLANTS	1963
19630037071	RESEARCH AND DEVELOPMENT ON LIGHT METAL HYDRIDE-2	1963
19630037072	INVESTIGATION OF THIXOTROPIC GELLED PROPELLANTS	1963
19630037074	INFRARED DETECTION OF HEAT SOURCES OBSCURED BY TROPICAL RAIN FOREST VEGETATION	1963
19630037075	DELTA MONTHLY TECHNICAL PROGRESS REPORT, MAY 1962, ISSUE 37	1963
19630037076	RL10 Rocket Engine	1963
19630037077	A Lunar Photographic Mission in 1964	1963
19630037078	RESEARCH IN PROPELLANT CHEMISTRY- ARPA SOLID PROPELLANT PROGRAM	1963
19630037080	NOVA Vehicle Systems Study Final Report: Part 2, Conceptual Design Study, Volume 1, Study Summary	1963
19630037085	RESEARCH INVESTIGATION OF ION BEAM FORMATION FROM ELECTRONBOMBARDMENT ION SOURCES INTERIM TECHNICAL REPORT ON COMPLETION OF PHASE I	1963
19630037087	NEW AND IMPROVED REINFORCEMENTS FOR STRUCTURAL COMPOSITES EIGHTH QUARTERLY PROGRESS REPORT, FEB. - APR. 30, 1963	1963
19630037091	THE EFFECTS OF INJECTION ERRORS ON A SATELLITE ORBIT	1963
19630037093	A STUDY OF SYSTEMS FOR SPACE PROPULSION QUARTERLY PROGRESS REPORT NO. 8, NOV. 1, 1962 - JAN. 31, 1963	1963
19630037094	TECHNICAL PROGRESS REPORT <AUG. 13 - SEPT. 12, 1963<	1963
19630037098	RE-ENTRY RADIATION AND AIR FLOW FIFTH QUARTERLY REPORT, JUNE 1 - AUG. 31, 1963	1963
19630037106	A STUDY OF SYSTEMS FOR SPACE PROPULSION QUARTERLY PROGRESS REPORT NO. 10, 1 MAY - 31 JULY 1963	1963
19630037107	ELECTRON BEAM WELDING SYSTEM INTERIM REPORT FOR APR. 1963	1963
19630037108	CYCLOTRON RESONANCE PROPULSION SYSTEM. "CYCLOPS" ANNUAL REPORT NO. 2	1963
19630037111	Electrical Conduction in Cesium Vapor Final Report	1963
19630037113	SURFACE AND ADSORBATE STUDIES FIRST QUARTERLY REPORT, MAR. 25 - JUNE 25, 1963	1963
19630037114	ANALYSIS OF ELECTRON-ION MIXING IN ION ENGINES QUARTERLY REPORT NO. 2, SEPT. 1 - NOV. 30, 1962	1963
19630037115	ELECTRICAL INSULATORS FOR VERY HIGH TEMPERATURES QUARTERLY REPORT NO. 7, FEB. 5 - MAY 4, 1963	1963
19630037116	DEVELOPMENT OF A COAXIAL PLASMA GUN FOR SPACE PROPULSION FINAL REPORT	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630037119	STUDY OF A GAS DISCHARGE CESIUM ION SOURCE FINAL REPORT	1963
19630037120	SOLAR ELECTRIC PROPELLED SPACECRAFT CAPABILITIES STUDY. PHASE I- SOLAR ELECTRIC PROPELLED SPACECRAFT PERFORMANCE MAR. 29, 1963	1963
19630037121	SOLAR ELECTRIC PROPELLED SPACECRAFT CAPABILITIES STUDY. PHASE II- SOLAR ELECTRIC POWER SYSTEM ANALYSIS MAR. 29, 1963	1963
19630037122	SOLAR ELECTRIC PROPELLED SPACECRAFT CAPABILITIES STUDY. PHASE III- SOLAR ELECTRIC SATELLITE MISSION SELECTION MAR. 29, 1963	1963
19630037123	ION GENERATION STUDIES FINAL REPORT	1963
19630037124	LITTLE JOE II TEST LAUNCH VEHICLE QUARTERLY PROGRESS REPORT NO. 5	1963
19630037126	MAGNETOGASDYNAMIC ROCKET FOR SPACE PROPULSION THIRD QUARTERLY PROGRESS REPORT, 10 MAY 1963 - 9 AUG. 1963	1963
19630037127	LOC-MSFC LAUNCH INFORMATION EXCHANGE FACILITY /LIEF/	1963
19630037128	INVESTIGATION OF DIELECTRIC MATERIALS FOR SPACE VEHICLE APPLICATIONS STATUS REPORT I	1963
19630037129	MAGNETIC INDUCTION PLASMA ENGINE FINAL REPORT	1963
19630037948	The X-15 Research Airplane	1963
19630041961	SATELLITE SITUATION REPORT, VOL. 3, NO. 5	1963
19630042322	BERYLLIUM DIFFUSION BARRIER COATINGS PWA-2184	1963
19630042898	CARDIOVASCULAR RESPONSES TO TRANSVERSELY APPLIED ACCELERATIONS	1963
19630043244	INVESTIGATION OF STRUCTURAL PROPERTIES OF FIBER GLASS FILAMENTWOUND PRESSURE VESSELS AT CRYOGENIC TEMPERATURES	1963
19630043245	METEOROID PROTECTION FOR SPACECRAFT STRUCTURES	1963
19630043251	A Practical Method for Determining the Directivity of H.F. and V.H.F Antenna Systems	1963
19630043253	CAPABILITY DEVELOPMENT OF ADHESIVE BONDED STUDS	1963
19630043264	DEVELOPMENT OF HIGH STRENGTH, BRAZED ALUMINUM, HONEYCOMB SANDWICH COMPOSITES ADAPTABLE FOR BOTH ELEVATED AND CRYOGENIC TEMPERATURE APPLICATIONS	1963
19630043535	INVESTIGATION OF THE STRESS-CORROSION CRACKING OF HIGH-STRENGTH ALUMINUM ALLOYS	1963
19630043627	PRODUCTION AND PROPERTIES OF A-110-AT TITANIUM ALLOY STRUT CASTINGS	1963
19630043702	RIFT <SIXTH> MONTHLY TECHNICAL PROGRESS REPORT, DECEMBER 1962	1963
19630043719	Transonic Stability and Control Characteristics of a 1/9-Scale Model of a Canard Target Drone Powered by Twin Ramjet Engines	1963
19630043720	AFMTC RANGE COMMUNICATIONS INSTRUCTIONS /RCI/ REVISION LETTER NO. 2	1963
19630043727	Deleted record	1963
19630043731	A PROGRAM FOR THE COMPUTATION OF NEWTONIAN AND FREE MOLECULE FORCES AND MOMENTS FOR ARBITRARY BODIES	1963
19630043884	LOW COST SOUNDING ROCKETS AND VERTICAL PROBES	1963
19630043894	TRANSONIC DYNAMICS TUNNEL OF A 1/8-SIZE SEROELASTIC-DYNAMIC MODEL OF THE LOCKHEED ELECTRA AIRPLANE WITH MODIFICATIONS IN THE WING-NACELLE REGION	1963
19630044187	SHOCK WAVES INDUCED BY UNDERGROUND EXPLOSIONS AND THEIR INTERACTION WITH BURIED STRUCTURES	1963
19630044193	MODEL E-2A AIRPLANE	1963
19630044199	A STUDY OF HYBRID COMPUTER ORGANIZATION FINAL REPORT	1963
19630044230	ENGINEERING SEQUENTIAL PHOTOGRAPHY-CENTAUR REFERENCE HANDBOOK	1963
19630044250	SOLID-STATE MASER RESEARCH SECOND QUARTERLY PROGRESS REPORT OCT. 20, 1962 - JAN. 20, 1963	1963
19630044254	INTERIOR SURFACE TEMPERATURE HISTORIES OF THE THOR-DELTA TIROS "E" PAYLOAD FAIRING, /BLOCK I ENGINE, 60-DEGREE SOUTHEAST ORBIT INCLINATION ANGLE/	1963
19630044266	PHYSICAL AND MECHANICAL PROPERTIES OF SNOW, ICE AND FROZEN GROUND	1963
19630044268	WORLD POPULATION AND AREA DATA FEB. 1963	1963
19630044280	ENTRY VEHICLES	1963
19630044285	SPACE STRUCTURES	1963
19630044287	NASA SPACECONN PROJECT ECHO S-42 OPPLAN 4-60'	1963
19630044306	THE IMPORTANCE OF MATHEMATICS IN THE SPACE AGE	1963
19630044315	INSTANTANEOUS HEART RATE AND INSTANTANEOUS HEART ACCELERATION DURING AN X-15 FLIGHT	1963
19630044328	DETERMINATION OF OXYGEN IN POTASSIUM	1963
19630044329	SILICATE MATERIAL IN THE OTUMPA HEXAHEDRITE	1963
19630044338	THE VARIATIONS OF EFFECTIVE ASPECT RATIO AND SLOPE OF THE LIFT CURVE DUE TO TWIN FINNS	1963
19630044345	THE COMBINED EFFECTS OF ULTRAVIOLET RADIATION AND VACUUM ON THE TENSILE YIELD PROPERTIES OF POLYMETHYLMETHACRYLATE	1963
19630044347	MANNED ORBITAL SPACE STATION COMPARISON OF HEXAGONAL AND RADIAL CONFIGURATIONS	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630044350	ATLAS/CENTAUR COMPOSITE TESTS APR. 10, 1963	1963
19630044373	FUNCTIONAL LOGIC DIAGRAM - APPENDIX C	1963
19630044376	FINAL REPORT <MAR. 1, 1960 - FEB. 28, 1962< <POLARIZATION, INSTRUMENTATION AND CALIBRATION, AND INTREPRETATION<	1963
19630044377	ANALYSIS OF THE VARIATION OF THE DIFFUSION CONSTANT OF CARBON IN AUSTENITE WITH CONCENTRATION	1963
19630044387	XH-51A HELICOPTER SUMMARY REPORT 29, JULY 6 - JULY 19, 1963	1963
19630044388	XH-51A HELICOPTER SUMMARY REPORT 32, AUG. 31 - SEPT. 13, 1963	1963
19630044389	XH-51A HELICOPTER SUMMARY REPORT 30, JULY 20 - AUG. 16, 1963	1963
19630044390	MODEL 186 HELICOPTER PROGRESS REPORT	1963
19630044400	TECHNIQUES FOR ROCKET-BORNE SPECTROGRAPHIC STUDIES OF THE SOLAR ULTRAVIOLET SPECTRUM IN THE WAVELENGTH RANGE 950-1050 A, AND USE OF A PROTOTYPE INSTRUMENT FOR LABORATORY STUDIES OF THE ABSORPTION OF SUCH RADIATION BY NITROGEN AND OXYGEN STATUS REPORT, MAR. 19 - SEPT. 19, 1963	1963
19630044406	AXISYMMETRIC CAVITY FLOW	1963
19630044420	WARHEAD DEVELOPMENT PROGRAM	1963
19630044426	RESEARCH AND ENGINEERING PROJECTS	1963
19630044460	SPECIAL PROJECTS OFFICE MATERIALS PROGRAM. MONTHLY PROGRESS REPORT, DECEMBER 1962	1963
19630044474	INVESTIGATION AND DEVELOPMENT OF ADVANCED TYPE SOLID PROPELLANTS. <QUARTERLY< REPORT, 1 NOV. 1961 - 31 JAN. 1962	1963
19630044525	WEAPON SYSTEM 133-A- WING II CONTINUED DEVELOPMENT HIGH-RATE HYDROTEST FIRING NUMBER SD-10, TEST I	1963
19630044546	SYNTHESIS OF HIGH-ENERGY POLYMERS AND SOLID OXIDIZERS	1963
19630044607	[No Title]	1963
19630044616	PROPULSION DEVELOPMENT DEPARTMENT REVIEW. CHAPTER I. PROPULSION TECHNIQUES, SYSTEMS, AND ANALYSIS, JULY 1962 - MAY 1963	1963
19630044629	WEAPON SYSTEM 107A-2, RELIABILITY SUMMARY AND SUMMARY DATA /YLR87-AJ-5 AND YLR91-AJ-5 ROCKET ENGINES/	1963
19630044640	PRODUCTION ENGINEERING MEASURE DIODE, SILICON POWER, CONTROLLED RECTIFIERS SCS-66, SCS-67, SCS-68, SCS-69. QUARTERLY PROGRESS REPORT NO. II COVERING PERIOD THROUGH MAR. 1963	1963
19630044641	X-22A COCKPIT MOCKUP INSPECTION, SEPTEMBER 17-18, 1963. TRI-SERVICE V/STOL RESEARCH AIRCRAFT	1963
19630044644	A HIGH RESOLUTION ECHELLE SPECTROPHOTOMETER FOR THE SOLAR ULTRAVIOLET FINAL REPORT, AUG. 1959 - SEPT. 1962	1963
19630044650	ON THE EQUATION OF STATE OF OLIGOMER AND POLYMER LIQUIDS	1963
19630044657	LITTLE JOE II ALGOL ROCKET PROPELLANT GRAIN TEMPERATURE VARIATION WITH AIR CONDITIONING REMOVED	1963
19630044658	LITTLE JOE II THRUST BULKHEAD VIBRATION TEST SEPT. 4, 1963	1963
19630044661	RESEARCH AND DEVELOPMENT OF HERMETICALLY SEALED RELAYS WITH ISOLATED CONTACTS. THIRD SEMIANNUAL PROGRESS REPORT, 1 JULY - 31 DEC. 1962	1963
19630044733	SERVICE ACCEPTANCE TRIALS OF MODEL F8U-2NE AIRCRAFT	1963
19630044735	WEAPON SYSTEM 133-A- THRUST REVERSAL SYSTEM ALTITUDE CONTROL TEST	1963
19630044766	[No Title]	1963
19630044768	EXPLOSIVE CABLE CUTTER FOR USE IN PROJECT FRIGATE BIRD	1963
19630044772	PROPULSION DEVELOPMENT DEPARTMENT REVIES, JULY 1962 - MAY 1963. CHAPTER 2. PROPELLANTS, MATERIALS, AND IGINATION	1963
19630044873	X-15 RESEARCH AIRPLANE FIFTY-FOURTH MONTHLY PROGRESS LETTER	1963
19630044904	AGING CHARACTERISTICS OF PROPELLANT SYSTEMS USING A COMPARISON OF CHEMICAL AND MECHANICAL TECHNIQUES	1963
19630044906	QUICK-LOOK REPORT. WING II CONTINUED DEVELOPMENT, FIRING NUMBER SD-19	1963
19630044907	QUICK-LOOK REPORT. WING II CONTINUED DEVELOPMENT, FIRING NUMBER SD-29	1963
19630044915	F-1 Quarterly Progress Report	1963
19630044916	F-1 ENGINE N. MONTHLY PROGRESS LETTER, JULY 1 - JULY 31, 1963	1963
19630044952	REVIEW OF COMMUNICATION SATELLITE TECHNOLOGY	1963
19630044974	TRACKING, DATA HANDLING AND COMMUNICATIONS SYSTEMS FOR MANNED SPACE STATION, VOLUME II	1963
19630044986	GYRO G-SENSITIVE DRIFT STABILITY HISTORY FOR THE DGG49D15 GYROS PRESENTLY INSTALLED IN CENTAUR -3 PLATFORMS	1963
19630045036	Project Master Plans and Status	1963
19630045115	INVESTIGATION OF HIGH-SPEED IMPACT PHENOMENA /II/ QUARTERLY PROGRESS REPORT NO. 3, FOR PERIOD ENDING JULY 31, 1963	1963
19630045123	RADIATION EFFECTS, SOLAR CELLS, IONIZATION EFFECTS	1963
19630045140	DEVELOPMENT OF SOLID STATE MODULATOR	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19630045164	MONTHLY FINANCIAL AND MANPOWER UTILIZATION REPORT, AUGUST 1 - AUGUST 31, 1963	1963
19630045165	QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING OCTOBER 31, 1963	1963
19630045166	MONTHLY FINANCIAL AND MANPOWER UTILIZATION REPORT, JUNE 3 - JUNE 31, 1963	1963
19630045167	ROCKET ENGINE ANALYZER AND DECISION INSTRUMENTATION READI. PHASE II- INVESTIGATION TENTH MONTHLY PROGRESS REPORT, OCT. 1 - NOV. 1, 1963	1963
19630045181	TRAILBLAZER - II- FLIGHT TEST PROCEDURE AND COUNTDOWN FOR TRAILBLAZER-II	1963
19630045184	LAUNCH MONITOR SUBSYSTEM AND COMPUTER PROGRAM DEVELOPMENT PLAN 18 ORBIT MERCURY PROJECT	1963
19630045299	Monthly Project Progress Report, Month Ending Nov. 15, 1963, Including Tentative Schedule of Operation for the Test Facilities	1963
19630045362	NASA/SCAT SUMMIARY	1963
19630045387	TALK BY HARRIET H. MALITSON ON SEPTEMBER 14, 1963 IN CEDAR RAPIDS, IOWA, AT A CONVENTION OF THE 99'S	1963
19630045451	FLUX MAPPING MANUAL PART I - THEORY	1963
19630045485	PROJECT MERCURY /CCMTA/ LAUNCH COUNTDOWN MA-9	1963
19630045486	SURVEY OF THE PHYSICAL AND ENVIRONMENTAL PARAMETERS OF THE MOON	1963
19630045494	ATMOSPHERIC STORES SYSTEM EVALUATION FOR SPACE FLIGHTS OF ONE YEAR DURATION	1963
19630045495	THE INTENSITY OF SPECTRAL LINES IN AN ARC BETWEEN CARBON ELECTRODES	1963
19630045532	SECOND PROGRESS REPORT ON RESEARCH LEADING TO THE DEVELOPMENT OF HIGH-PERFORMANCE HYBRID PROPELLANT SYSTEMS	1963
19630045537	PERFORMANCE OF NITROGEN TETROXIDE-HYDRAZINE SYSTEM WITH METALLIC ADDITIVES	1963
19640000175	Charged Particle Radiation Damage in Semiconductors, VII: Energy Levels of Defect Centers in Electron and Proton Bombarded Silicon	1963
19640000176	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell third quarterly technical progress report, 12 jun. - 12 sep. 1963	1963
19640000177	A Rocket-Borne 44 - 60 Angstrom Units Geiger Counter	1963
19640000179	Research on analytical methods for oxygen in liquid alkali metals final report, 1 apr. - 31 aug. 1963	1963
19640000181	On a method of synthesis of networks	1963
19640000183	Ultraviolet synthesis of adenosine triphosphate under possible primitive earth conditions	1963
19640000185	Prolongations and stability in dynamical systems	1963
19640000187	Electrolytic preparation of high dielectric thin films quarterly report, 27 jun. - 27 sep. 1963	1963
19640000189	Technical description and operating instructions for nasa flow-direction and pitot-pressure sensor	1963
19640000193	Measurements of Hypervelocity Stagnation Point Heat Transfer in Simulated Planetary Atmospheres	1963
19640000202	Development of Improved Single Crystal Gallium Phosphide Solar Cells Quarterly Report No. 1, 12 Jun. - 12 Sep. 1963	1963
19640000204	The Deep Space Instrumentation Facility Space Programs Summary, 1 Jul. - 31 Aug. 1963	1963
19640000227	Atmospheric heating in the auroral zones- a preliminary analysis of the atmospheric drag of the injun iii satellite	1963
19640000260	Detection of extraterrestrial life. method ii- optical rotatory dispersion third quarterly report, 19 jun. 1963-sep. 1963	1963
19640000269	The Morphology of the Electron Distribution in the Outer Radiation Zone and Near the Magnetospheric Boundary as Observed by Explorer XII	1963
19640000271	Physical Processes in a Co-axial Plasma Gun	1963
19640000328	Three-Particle Scattering. L. Planar Case	1963
19640000386	Electrons from bomb neutron decay	1963
19640000398	Use of polaroid film in x-ray diffraction	1963
19640000400	Conceptual Investigations of Variable Geometry Space Structures Final Report	1963
19640000423	Ariel I, the First International Satellite Project Summary	1963
19640000427	The effect of bias axial velocities and altimeter fuzing altitude on ranger impact survivability technical report	1963
19640000429	Final Report on Mariner 2 Temperature Control	1963
19640000432	Effect of nuclear radiation on materials at cryogenic temperatures. pedigrees of metals and alloys	1963
19640000434	Venus and the Mariner	1963
19640000441	The manned space flight program - its significance and economic implications news release	1963
19640000453	The Fragmentation of Heavy Cosmic Ray Nuclei in Light Elements	1963
19640000459	Alkaline battery separator study fourth quarterly report, 28 mar. - 28 jun. 1963	1963
19640000460	Alkaline battery separator study fifth quarterly report, 29 jun. - 28 sep 1963	1963
19640000461	Effect of nuclear radiation on materials at cryogenic temperatures quarterly progress report no. 9, jan. - mar. 1963	1963
19640000464	Communications of the lunar and planetary laboratory. volume 2, numbers 24 -29	1963
19640000465	Communications of the lunar and planetary laboratory. volume 2, number 30 <the system of lunar craters, quadrant i<	1963
19640000528	Laplace coefficients and their newcomb derivatives. research in space science	1963
19640000529	Catalogue of satellite observations no. c-35 research in space sciences	1963
19640000530	Catalogue of satellite observations no. c-36 research in space science	1963
19640000531	The determination of absolute directions in space with artificial satellites research in space science	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
1964000532	The fluctuating wall pressures under a separated supersonic flow	1963
1964000534	Two-electron, one-and two-center integrals	1963
1964000564	Relation between theoretical and observational models of the upper atmosphere	1963
1964000692	On the distribution of surface heat flows and the second order variations in the external gravitational field	1963
1964000716	Investigation of sputtering effect on the moon's surface second quarterly status report, 25 july-24 oct. 1963	1963
1964000972	The fm demodulator with negative feedback	1963
1964000992	Development of high energy density primary batteries, 200 watt hours per pound of total battery weight minimum first quarterly report, 21 may-19 aug. 1963	1963
1964000993	Mariner b capsule propulsion study	1963
1964000994	Study of topside sounder for mars and venus ionospheres from mariner spacecraft final report	1963
1964000995	Proceedings of the mercury-atlas booster reliability workshop <held at< san diego, calif., 12 jul. 1963	1963
1964000996	Silver zinc batteries power supply for the atmosphere structure satellite explorer xvii	1963
1964000997	Studies of the fundamental chemistry properties and behavior of fuel cells second semi-annual progress report, 1 apr.-30 sep. 1963	1963
1964000998	The empire dual planet flyby mission	1963
19640001002	The Application of Passive Microwave Technology to Satellite Meteorology- a Symposium	1963
19640001003	Oxygen emission and absorption	1963
19640001004	Atmospheric radiative temperature measurement	1963
19640001005	Measurement of atmospheric temperature by radiometer	1963
19640001006	Absorption and Emission by Atmospheric Water Vapor	1963
19640001007	Observing coronal emission and absorption by means of atomic oxygen in the high atmosphere	1963
19640001008	Microwave radiometry and cloud liquid-water content	1963
19640001009	Comments on height resolution of radiation	1963
19640001010	Principles of radiometry- present state-of- the-art	1963
19640001011	Some comments on the measurement of sea state	1963
19640001012	Nrao radiometric experiments	1963
19640001013	Significance of radiative sky temperature in the determination of the apparent temperatures of materials	1963
19640001014	Measurement of sea state	1963
19640001015	Inversion methods	1963
19640001016	Introduction <to session on present and future research and experiments<	1963
19640001017	Further experiments	1963
19640001018	Naval ordnance laboratory measurements program	1963
19640001019	A millimeter-wave research program in cloud physics	1963
19640001020	Radiometric measurements in radio astronomy	1963
19640001021	Some meteorological inferences from satellite radiometry	1963
19640001022	Meteorological satellites and numerical weather prediction appendix	1963
19640001023	A wind-tunnel investigation of ground-wind loads on axisymmetric launch vehicles	1963
19640001165	Measurements of electron density profile in the nighttime e region	1963
19640001166	Research and development of cryogenic propellant feed systems for electrothermal engines monthly progress report no. 2, 9 mar. - 9 apr. 1962	1963
19640001167	Research and development study on dc to dc converter, engineered magnetic model emcr131 first quarterly report, 1 jul. - 1 oct. 1963	1963
19640001168	Development of techniques for improving the reliability of digital systems through logical redundancy, phase iii final report	1963
19640001169	A study of thermal scale modeling techniques	1963
19640001189	User Guide for the JPL Trajectory Monitor System Under the IBM Fortram Iii, Version 2 Monitor	1963
19640001190	Development and feasibility proof of the dry tape battery concept quarterly report no. 1, 14 june - 30 sept. 1963	1963
19640001191	Evaluation of maraging steel for application to launch vehicle progress report 1	1963
19640001192	Electrical and diagnostic aspects of electrohydraulic and magnetic forming	1963
19640001193	Atlas/centaur progress report 30 sep.-11 oct. 1963	1963
19640001194	Study of basic bio-electrochemistry quarterly engineering progress report, 20 jun.-19 sep. 1963	1963
19640001195	Receiver Techniques and Detectors for Use at Millimeter and Submillimeter Wave Lengths Annual Summary Report, 1 Mar. 1962-31 Aug.	1963
19640001196	A two-dimensional absolute digital data path control system	1963
19640001197	Brayton cycle solar collector design study program, item ii. a. monthly progress report no. 3, 1-31 oct. 1963	1963
19640001199	Study of fuel cells using storable rocket propellants quarterly report no. 1, 28 jun.- 28 sep. 1963	1963
19640001200	Theoretical and experimental investigation on modulation inducing retrodirective optical systems monthly contract progress report no. 4, 21 aug.-21 sep. 1963	1963
19640001206	Demonstration model of spherical projection for cubic crystals	1963
19640001207	Reply to comments by burt, klevans, and wu	1963
19640001209	The exact expansion of the electronic energy of one-electron diatomic molecules in powers of the internuclear separation	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640001210	Analysis and synthesis of transition-coupled asynchronous counters	1963
19640001211	Study of energy conversion systems first quarterly report, 1 may - 31 jul. 1963	1963
19640001283	Effects of flank losses in the theory of space-probe entry under conditions of high mass loss	1963
19640001284	Heat transfer from fin-tube radiators including longitudinal heat conduction and radiant interchange between longitudinally nonisothermal finite surfaces	1963
19640001285	Anisotropic effects in helically wound superconducting solenoids	1963
19640001288	Transfer of angular momentum between ejected particles and the binary system	1963
19640001291	Variations of the proton energy spectrum with position in the inner van allen belt	1963
19640001292	Tidal dissipation in the moon	1963
19640001319	The emission of exo-electron from aluminum during fatigue final report 1 sep. 1961 - 30 sep. 1963	1963
19640001320	Multi-speed resolvers for analog digital conversion of shaft angles	1963
19640001321	On the correlation radiometer technique, ii	1963
19640001322	A remark on the configuration interaction approach	1963
19640001324	Planetary aeronomy iii- determination of atmospheric parameters by the use of rocket- borne mass spectrometers	1963
19640001325	Experiments from a small probe which enters the atmosphere of mars	1963
19640001326	An experimental investigation of viscous damping of liquid sloshing in spherical tanks	1963
19640001327	Free flight investigation of the deployment of a parawing recovery device for a radio- controlled 1/5-scale dynamic model spacecraft	1963
19640001328	High speed vacuum performance of gold plated miniature ball bearings with various retainer materials and configurations	1963
19640001336	The relative susceptibility of four commercial titanium alloys to salt stress corrosion at 550 deg f	1963
19640001337	Simulator studies of the manual control of vehicle attitude using an on-off reaction control system	1963
19640001345	Scientific results of the first orbiting solar observatory	1963
19640001346	Magneto-fluid dynamic turbulence with a uniform imposed magnetic field	1963
19640001347	Scout-vehicle aerodynamic-noise measurements	1963
19640001351	Status report on development of a high-speed high-intensity molecular beam	1963
19640001353	Research study on the acceleration hodograph and its application to space trajectory analysis final report	1963
19640001384	Life in extraterrestrial environments quarterly status report, 15 sep. - 15 nov. 1963	1963
19640001385	Continued photographic patrol and study of the physical conditions on the moon and planets semi-annual report no. 5, 15 apr. - 14 oct.	1963
19640001386	Planetary aeronomy xv- transport properties and scattering in molecular gases	1963
19640001387	Problems in space physics	1963
19640001388	Research and development of an open-cycle fuel cell system fifth quarterly report, 1 jul. - 30 sep. 1963	1963
19640001390	Study of biochemical fuel cells second quarterly progress report, 1 aug. 1963 - 31 oct. 1963	1963
19640001391	Performance analysis of high-energy chemical stages for interplanetary missions. part ii- brake to venus orbit	1963
19640001414	Research on applied bioelectrochemistry quarterly progress report no. 2, 1 jul.- 30 sep. 1963	1963
19640001415	The formation of mid-latitude sporadic-e layers	1963
19640001416	Electrolytic production of oxygen and reduction of carbon dioxide final report	1963
19640001417	Development of Adhesives for Very Low Temperature Application Final Summary Report <10 Apr. 1961 - 10 Apr. 1963<	1963
19640001418	Interaction of a streaming plasma with the magnetic field of a two-dimensional dipole	1963
19640001419	Extension of the low pressure limit of mcLeod guages final report	1963
19640001420	Minimum variance precision tracking and orbit prediction program final report, jun. 26, 1962-15 may 1963	1963
19640001421	Metallurgical effects of explosive strain rates on metal alloys annual summary report, 27 jun. 1961 - 26 jul. 1962	1963
19640001424	Studies of revised and supplementary atmospheres and structures and variability of the earth's atmosphere final report	1963
19640001470	Radio observations of oh in the interstellar medium	1963
19640001471	Isotope shifts in 2 super 1 p and 2 super 3 p states of he and li super plus	1963
19640001474	Water recovery study quarterly report for apr. - jun. 1963	1963
19640001484	Photometric Studies of Complex Surfaces, with Applications to the Moon	1963
19640001511	Protective coatings for refractory metals in rocket engines summary report, 9 mar. 1962 - 8 mar. 1963	1963
19640001529	Study of high effective area ratio nozzles for spacecraft engines interim report <18 apr. 1962-18 apr. 1963<	1963
19640001639	Behavioral testing during a 7-day confinement- the information processing task	1963
19640001640	Behavioral testing during a 7-day confinement- the pattern discrimination task	1963
19640001641	Full-scale wind-tunnel test of the vz-2 vtol airplane with particular reference to the wing stall phenomena	1963
19640001642	Analytical study of lunar landing trajectories with reference to the lunar-orbit-rendezvous mode and possible abort situations	1963
19640001643	Analysis of jet-pluming interference by computer simulation of measured flight motions of two ram a fourth stages	1963
19640001644	The effect of resin composition and fillers on the performance of a molded charring ablator	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640001645	Transonic investigation of a pyramidal reentry configuration with cambered variable-sweep wings and various longitudinal controls	1963
19640001646	Boundary-layer velocity profiles and skin friction due to surface roughness on an ogive cylinder at mach numbers of 1.61 and 2.01	1963
19640001647	The transport of chemically reacting species in the classical capillary	1963
19640001648	An examination of the rolling-contact fatigue process in a crystallized-glass ceramic	1963
19640001649	Radiant heat transfer to absorbing gases enclosed between parallel flat plates with flow and conduction	1963
19640001650	Radiant heat transfer to absorbing gases enclosed in a circular pipe with conduction, gas flow, and internal heat generation	1963
19640001651	Solutions of the ionized radiating shock layer, including reabsorption and foreign species effects, and stagnation region heat transfer	1963
19640001652	Electron and Ion Emission	1963
19640001681	Kinematical Hydromagnetic Theory and Its Application to the Low Solar Photosphere	1963
19640001713	Ground operation equipment for the orbiting astronomical observatory	1963
19640001756	Problems of space biology	1963
19640001778	Some results of medical and biological investigations in the second and third satellites	1963
19640001808	Investigation of relations between solar variations and weather on earth as shown by satellite data final report	1963
19640001825	Airborne approach and landing system study final report	1963
19640001830	Modes of finite response time control	1963
19640001831	Geomagnetism and the ionosphere	1963
19640001832	Brushless rotating electrical generators for space auxiliary power systems first quarterly report, 31 oct. 1963	1963
19640001833	Brushless rotating electrical generators for space auxiliary power systems appendix first quarterly report, 31 oct. 1963	1963
19640001834	Investigation of nonequilibrium flow effects in high expansion nozzles final report	1963
19640001882	Nonequilibrium expansion of a plasma from a thermionic source	1963
19640001884	Dc to ac conversion using magnetoresistance	1963
19640001885	Preliminary results from the vlf receiver aboard canada's alouette satellite	1963
19640001886	Office of applications	1963
19640001887	Solar x-rays- slow variations and transient events	1963
19640001888	World magnetic survey data	1963
19640001889	The solar spectrum from 50 angstroms to 400 angstroms	1963
19640001890	Scientific results of oso-1	1963
19640001891	Sunflower power conversion system 14th quarterly report, jun.-aug. 1963	1963
19640001892	A study of the feasibility of the regeneration of carbohydrates in a closed circuit respiratory system final report	1963
19640001893	A study of polymers containing silicon- nitrogen bonds progress report 33, 4 oct.-3 nov. 1963	1963
19640001900	Hydrogen-oxygen electrolytic regenerative fuel cells	1963
19640001901	Investigation of structural properties of fiber glass filament-wound pressure vessels at cryogenic temperatures monthly progress report no. 4, 1-31 oct. 1963	1963
19640001902	Formulae and Tables for the Computation of Lifetimes of Artificial Satellites	1963
19640001903	Telemetry data processing for the eccentric orbiting geophysical observatory satellite	1963
19640001905	Notes of the costs of the united states space program	1963
19640001907	Attitude controls for sun-oriented space stations summary report	1963
19640001908	Development and evaluation of the elastic recovery concept for expandable space structures quarterly progress report no. 2, 18 jun. 1963-18 sep. 1963	1963
19640001909	Determination of low-temperature fatigue properties of aluminum and titanium alloys, annual summary report	1963
19640001910	Development of a hydrogen-oxygen internal combustion engine auxiliary electric power supply system phase report	1963
19640001911	Laboratory Simulation Studies of Outer Space Phenomena Second Quarterly Status Report, 15 Jul.-15 Oct. 1963	1963
19640001980	A study of current sheets in a coaxial plasma gun	1963
19640001983	Momentum Control of the OAO Spacecraft Utilizing the Earth's Magnetic Field	1963
19640001988	Shock envelope of blunt bodies at large angles of attack	1963
19640001989	The nonlinear response of windows to random noise	1963
19640001997	Dust bombardment on the lunar surface	1963
19640002083	Evaporation rates for various liquid and solid lubricants in vacuum to 10 super minus 8 millimeter of mercury at 55 deg. to 1100 deg f	1963
19640002084	Design and evaluation of a predictor for remote control systems operating with signal transmission delays	1963
19640002093	The Physical Significance and Application of L, B(Sub 0), and R(Sub 0) to Geomagnetically Trapped Particles	1963
19640002096	The composite behavior of filament-wound materials	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640002108	Generalized viscous multicomponent-multiphase flow with application to laminar and turbulent jets of hydrogen	1963
19640002115	Status report as of october 1963	1963
19640002116	Research study on the use of auxilliary electrodes in sealed silver-cadmium cells final project report, jul. 1962-jun. 1963	1963
19640002117	Practical aspects of data processing and encoding for space communications	1963
19640002118	Differential correction scheme for the calculus of variations third semiannual report, part ii	1963
19640002119	Optical radar results and meteoric fragmentation	1963
19640002120	A study of earth radar returns from alouette satellite semi-annual report <1 may-31 oct. 1963<	1963
19640002121	Effect of nuclear radiation on materials at cryogenic temperatures quarterly progress report no. 11, jul.-sep. 1963	1963
19640002122	The development of high energy density batteries, 200 watt hours per pound of total battery weight minimum 1st quarterly report 1 aug.-31 oct. 1963	1963
19640002123	Investigation of adhesion and cohesion of metals in ultrahigh vacuum final report 1 mar. 1963-1 nov. 1963	1963
19640002124	Feasibility study of two-body midcourse guidance final report	1963
19640002161	Development and fabrication of omni- directional accelerometers final report	1963
19640002178	Glossary of terms used in the exploration of space	1963
19640002187	Solar magnetic fields and spacecraft observations	1963
19640002188	Planetary aeronomy xvi- corp. scular radiation in the upper atmosphere	1963
19640002190	Design evaluation qualification test of linear-shaped charge manufactured by the ensign bickford product division of darworth, inc., p/n flsc-b-100-al-j model no. saturn s-iv	1963
19640002191	Catalog of precisely reduced observations no. p-9	1963
19640002192	Development of low temperature dielectric coating for electrical conductors quarterly report no. 9	1963
19640002218	Nmr double resonance techniques for the determination of relative signs of spin spin coupling constants	1963
19640002243	Research and development of separators for silver oxide-zinc and silver oxide-cadmium cells for spacecraft application first quarterly report, 27 jun.- 27 sep. 1963	1963
19640002247	The emittance of calorimeter discs summary report on task 2	1963
19640002248	Selection of signals for space-vehicle command	1963
19640002249	Investigation of the influence of winds in the lower ionosphere final report	1963
19640002251	Miros progress letter no. 5, <september 20 to october 20, 1963<	1963
19640002252	An investigation of various parameters affecting the structural weight of rocket vehicle nose cones	1963
19640002253	Design of a digital command system for the goddard rotating slab sun tracker	1963
19640002255	Evaluation of maraging steel for application to space launch vehicles progress report no. 2	1963
19640002441	Syncom	1963
19640002486	Theoretical and experimental investigation of modulation inducing retrodirective optical systems monthly progress report no. 5, 21 sep.-21 oct. 1963	1963
19640002487	On the electromagnetic green's function for a homogeneous anisotropic medium and certain of its applications to antenna theory scientific report no. 4	1963
19640002488	Infra-red and electro-optics phase 1- lunar and planetary horizon sensor final technical report	1963
19640002489	Structure of atomically clean surfaces of refractory metals semi-annual status report 2, 1 apr. 1963 - 30 sep. 1963	1963
19640002490	Attenuation in re-entry communications plans office technical report no. 2	1963
19640002492	The theory of the conductivity probe memorandum report	1963
19640002494	Study of thin film large area photovoltaic solar energy converter tenth monthly status report, nov. 1 - nov. 30, 1963	1963
19640002968	Landing characteristics of a reentry vehicle with a passive landing system for impact alleviation	1963
19640003002	Results of the project mercury ballistic-and orbital chimpanzee flights	1963
19640003028	Development of organic sealants for applications at very low temperatures	1963
19640003029	Nonlinear compensation of a second and third order system with dry friction	1963
19640003034	Arc discharge in a parallel flow of argon	1963
19640003035	Image construction for concave gratings at grazing incidence, by ray tracing	1963
19640003039	Structural behavior of composite materials first quarterly technical report 14 feb. - 14 may 1963	1963
19640003041	Simultaneous Balloon Observations at Fort Churchill and Minneapolis During the Solar Cosmic Ray Events of July 1961	1963
19640003089	Research and development of a high capacity nonaqueous secondary battery quarterly report no. 1	1963
19640003095	Noise investigations with impinging jet flows status report no. 1, 1 jun. - 30 nov. 1963	1963
19640003098	Miros program progress letter no. 4, 20 aug. - 20 sep. 1963	1963
19640003099	Determination of the weldability and elevated temperature stability of refractory metal alloys quarterly report no. 1, 21 jun.-21 sep. 1963	1963
19640003100	Study and analysis of advanced spaceborne detection, tracking, and navigation system, part ii analytical solution <final report<	1963
19640003101	Surveyor spacecraft system. touchdown dynamics study	1963
19640003115	The distant geomagnetic field. 5. long- period oscillations	1963
19640003142	Hypersonic flow with non-equilibrium dissociation around blunt bodies in flow facilities and in free flight research report no. 8	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640003143	On the 'test particle' problem for an electron plasma	1963
19640003144	Further observations on the starfish and soviet artificial radiation belts	1963
19640003145	High-latitude geophysical studies with satellite injun iii. part iv- auroras and their excitation	1963
19640003146	High-latitude geophysical studies with satellite injun iii. part iii- precipitation	1963
19640003147	A study of polymers containing silicon- nitrogen bonds progress report, 4 nov.-3 dec. 1963	1963
19640003148	Catalysis of hydrogen atom recombination final report	1963
19640003150	Compact lunar power station	1963
19640003151	A design of electric machinery for long time attitude control of space vehicles	1963
19640003152	Prototype magnetic tape station final technical summary report, may 1962 - jun. 1963	1963
19640003153	A study of the meteorology of mars and venus quarterly progress report no. 3, 6 jul. - 5 oct. 1963	1963
19640003154	Weldable high strength alluminum alloys	1963
19640003188	Metallurgical and Mechanical Properties Evaluation of a Heat Treated 7AL-4MO Titanium Alloy Forging	1963
19640003247	Rupture behavior of elastomers- effect of statistical variability and crosslink density	1963
19640003255	Synthesis of adenosine triphosphate under possible primitive earth conditions	1963
19640003256	A solution in search of a problem	1963
19640003257	Protecting explorer xvi solar cells	1963
19640003259	Implications of recent investigations on runway roughness criteria	1963
19640003266	Initial reliability goals and apportionment- lunar facsimile capsule	1963
19640003267	The mariner r project- volume 2- supplementary documentation. progress report, sep. 1, 1962-jan. 3, 1963	1963
19640003268	A note on the failure modes of filament reinforced materials including the influence of constituent geometry and properties	1963
19640003269	On the effect of wrinkles on the reflections by a sphere research report no. 7	1963
19640003270	Solar cosmic ray propagation characteristics	1963
19640003271	The solar wind velocity and its correlation with geomagnetic, solar and cosmic ray activity	1963
19640003272	Research and development in cds photovoltaic film cells fifth period progress report, 26 jul.-26 nov. 1963	1963
19640003273	The December 1962 Report of the RBE Committee to the ICRP and ICRU in Its Implications for the Assessment of Proton Radiation Exposure in Space, Research Report	1963
19640003274	Radiation effects on electrode behavior midpoint report, 1 jun.-31 aug. 1963	1963
19640003275	Non-equilibrium hypersonic flow of air in hypersonic nozzles and around blunt bodies research report no. 5	1963
19640003276	Realization of minimum control effort optimal control	1963
19640003277	On sieves and primes	1963
19640003278	The admittance of an infinite slot radiating into a lossy half-space	1963
19640003279	Deformation and stress in an inflated aircraft tire technical report no. 1	1963
19640003283	Free vibrations of discrete structures with non-diagonal symmetric mass matrix	1963
19640003284	Metallurgical examination of development-type thermionic power converters	1963
19640003285	Detective story- why did a hydrostatic pressing vessel fail/ques/	1963
19640003291	On the early onset of thymineless death occurring after exposure to ultraviolet light	1963
19640003349	Space Programs Summary No. 37-23, Volume IV, for the Period August 1, 1963 to September 30, 1963. Supporting Research and Advanced Development	1963
19640003350	Space programs summary no. 37-23, volume 6, for the period july 1, 1963 to september 30, 1963. space exploration programs and space sciences	1963
19640003351	Science sub-system operations, ranger follow-on	1963
19640003352	A standard chassis for ground support equipment	1963
19640003354	Structural and high-temperature tensile properties of boron pyrolytic graphite	1963
19640003356	Tensile properties of tungsten from 2500 to 5400 f in vacuum	1963
19640003358	The role of soil science in space exploration	1963
19640003360	Mars atmosphere entry parametric study	1963
19640003361	High dispersion spectra of the outer planets. ii. a new upper limit for the water vapor content of the martian atmosphere	1963
19640003362	The determination and characteristics of ballistic interplanetary trajectories under the influence of multiple planetary attractions	1963
19640003363	Thermoelastic analysis of a parabolic shell	1963
19640003365	A simplified model of midcourse maneuver execution errors	1963
19640003366	Systematic statistics used for data compression in space telemetry	1963
19640003367	Criticality calculations for a fast liquid- metal-cooled reactor-phase 1	1963
19640003368	A dynamic programming analysis of multiple guidance corrections of a trajectory	1963
19640003369	The solar-wind velocity and its correlation with cosmic-ray variations and with solar and geomagnetic activity	1963
19640003370	Some experimental and theoretical significances associated with irradiated propellant	1963
19640003371	Continuous estimation of sequentially correlated random variables	1963
19640003372	Discharge behavior of the silver oxide-silver electrode	1963
19640003373	Astronautics information- classification of spaces supporting gravitational fields	1963
19640003374	The use of a conventional wind tunnel as a multigas facility	1963
19640003375	Celestial sensor activities, jpl, 1 january 1960 through 1 january 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640003383	Office of applications acting director tells future plans	1963
19640003408	An investigation of the relation among some of the statistics for upper-air pressure, temperature and density	1963
19640003413	Flourescence Studies	1963
19640003420	The effect of species diffusion and heat conduction on nonequilibrium flows behind strong shocks	1963
19640003421	Lunar crater statistics- the highland regions research report no. 7, aug. 1963	1963
19640003422	Communication blackout at re-entry	1963
19640003423	Analytical studies of relationships between far-field radiation patterns and near-field current distributions and surface config- uration of the effects of small-vehicle /few wavelengths/ on antenna performance first semi-annual progress report. 1 ma	1963
19640003438	Cobalt-base alloys for space-power systems	1963
19640003460	Elastic scattering of slow electrons from alkali atoms	1963
19640003461	Atmospheric tides and associated magnetic effects	1963
19640003462	Propulsion requirements for soft landing in extraterrestrial environments, volume 2 b final report	1963
19640003480	Study of the phenomena of hypervelocity impact summary report	1963
19640003481	Optimal search procedures	1963
19640003486	Low temperature miniature bearing friction study final report	1963
19640003487	The optimization of mhd generators with arbitrary conductivity	1963
19640003490	Design of thermal protection systems for liquid hydrogen tanks	1963
19640003492	Space lubrication problems at jpl	1963
19640003497	Combustion in Turbuelnt Flow (Gorenie V Turbulentnom Potoke)	1963
19640003503	Studies of Turbulent Gas Flow in Piston Engines (Issledovanie Turbulentnogo Dvizheniya Gaza V Usloviyakh Porshnevogo Dvigatelya)	1963
19640003535	Earth-landing systems for manned spacecraft	1963
19640003583	Miros, optical systems study monthly progress report no. 7, 20 nov. - 20 dec. 1963	1963
19640003970	Investigations on the ground performance of aircraft relating to wet runway breaking and slush drag	1963
19640004000	Single-crystal germanium films by micro-zone melting	1963
19640004001	Scientific instruments in space exploration	1963
19640004002	Production of intense radiation heat pulses	1963
19640004003	Self-repair techniques for failure-free systems special technical report no. 2	1963
19640004004	Research on the vortex mhd power generator final report <apr. 1962-jul. 1963<	1963
19640004005	Jpl advanced solar simulator design type a	1963
19640004014	Thermodynamic properties of cryogenic fluids	1963
19640004015	Intersections of lunar craters research report no. 6	1963
19640004016	Gaseous optical masers and their applications	1963
19640004022	Development of improved single crystal gallium phosphide solar cells quarterly report no. 2, 12 sep.-12 dec. 1963	1963
19640004023	Convective heat transfer in a convergent- divergent nozzle	1963
19640004030	The Elastic Moduli of Fiber-Reinforced Materials	1963
19640004239	Remarks Concerning the Chemical Composition of the Atmosphere of Venus	1963
19640004240	Rocket booster control. section 4- a sufficient condition in optimal control	1963
19640004241	Rocket booster control. time optimal control of linear recurrence systems	1963
19640004242	Operations research applications in support planning for manned space flight	1963
19640004243	Rocket booster control. section 3- modes of finite response time control	1963
19640004262	Space flight handbooks. volume 3- planetary flight handbook	1963
19640004263	Space flight handbooks. volume 3- planetary flight handbook	1963
19640004264	Space Flight Handbooks. Volume III. Planetary Flight Handbook	1963
19640004265	On a possible class of galactic radio sources	1963
19640004266	Man's thermal balance in space environments	1963
19640004267	Some aspects of the structure and dynamics of the terrestrial magnetosphere	1963
19640004349	Heat-Transfer Aspects of Space Radiators	1963
19640004353	Scientific results of the mariner ii voyage to venus	1963
19640004354	Cryogenic research and development for period ending september 30, 1963 progress report no. 11	1963
19640004355	Shock emplaced argon in a stony meteorite. part 1- shock experiment and petrology of sample. part 2- a comparison with natural argon in its diffusion	1963
19640004356	A theoretical study of the martian ionosphere	1963
19640004357	Properties of non-stoichiometric metallic carbides quarterly progress report no. 3	1963
19640004359	Thermidynamic properties of neon	1963
19640004362	Catalog of lunar crates iii research report no. 8	1963
19640004363	Theoretical and experimental aspects of the electrohydrodynamics of superfluid helium and focussing of phonons in superfluid helium below 0.5 deg kelvin final report	1963
19640004364	Electron capture in stellar interiors	1963
19640004365	Brayton cycle solar collector design study monthly progress report for nov. 1963	1963
19640004366	The transport qualities of p-type lead telluride	1963
19640004367	Revised catalog of lunar craters ii research report no. 11	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640004368	Revised catalog of lunar craters i research report no. 10	1963
19640004369	A new steady state calorimeter for measuring heat transfer through cryogenic insulation	1963
19640004370	Method of producing improved bearing components by elimination or control of fiber orientation final report	1963
19640004372	Transor decision functions and statistical measurement of quality special technical report no. 4	1963
19640004373	Viscous interaction between the solar wind and the earths magnetosphere	1963
19640004375	A concise formulation of a bounded phase coordinate control problem as a problem in the calculus of variations	1963
19640004376	Interim thermodynamic properties for gaseous and liquid oxygen at temperatures from 55 to 300 deg. k and pressures to 300 atm	1963
19640004377	A comparison of two melting-pressure equations constrained to the triple point, using data for eleven gases and three metals	1963
19640004378	Nitric oxide photolysis status report no. 4, 1 jun. - 30 nov. 1963	1963
19640004830	Space flight operations plan ranger 6	1963
19640004831	Space Flight Operations Plan Ranger 6	1963
19640004832	Variation of some properties of tantalum carbide with carbon content	1963
19640004926	OAQ Image Converter Research Final Report	1963
19640004928	On the determination of temperature and ionic composition by electron backscattering from the ionosphere and magnetosphere scientific reports nos. 1 and 7	1963
19640004929	On the ionospheric interpretation of the results of radio observations of venus, part 1	1963
19640004930	A radar study of the planet mars in the soviet union	1963
19640004931	Telecommunication aspects of a manned mars mission	1963
19640004943	Hydrogen, helium, and heavy nuclei from the solar event on november 15, 1960	1963
19640004946	Reaction rates of hydrogen, ammonia, and methane with mixtures of atomic and molecular oxygen	1963
19640004947	Fast response, blackbody furnace for temperatures up to 3000 deg. k	1963
19640004949	Research program related to vapor thermionic converters for nuclear application <first< quarterly progress report, 27 sep. - 27 dec. 1962	1963
19640004950	Alkaline battery separator study sixth quarterly report, 29 sep. - 28 dec. 1963	1963
19640004951	Microwave spectrum, quadrupolar coupling constants, and dipole moment of chlorobenzene	1963
19640004954	Cosmic Radiation	1963
19640004955	Effect of refraction on the setting sun as seen from space in theory and observation.	1963
19640004975	Tiros, the First Weather Satellite	1963
19640004976	Astronautics information- television photogrammetry, photometry, and radiometry adaptable to space reconnaissance	1963
19640004977	Wind-tunnel test of the space-general corporation astrobe-1500 model	1963
19640004978	Parametric mission analysis	1963
19640004979	Earth-venus trajectories, 1970, volume 5, part b	1963
19640004980	Thrust-vector control test in the jet propulsion laboratory 20-inch supersonic wind tunnel <6-10 may 1963<	1963
19640004983	The integration of the first-order perturbed wave equation for excited states of one dimensional systems	1963
19640004987	An experimental technique for the determination of the fidelity of the dynamic responses of pressure transducers	1963
19640004988	Nondestructive neutron-activation analysis of small particles status report, mar.-aug. 1963	1963
19640004990	Investigation of the optical characteristics of the come-and-column double reflector concentrator final report	1963
19640005016	Thermionic screening of bodies in the atmosphere and interplanetary space	1963
19640005249	Considerations of the motion of a small body in the vicinity of the stable libration points of the earth-moon system	1963
19640005262	Integral Equations and Inequalities in the Theory of Fluids	1963
19640005267	Effects of simulated space environments on the viability of microorganisms final report, 15 apr. 1961-30 apr. 1963	1963
19640005268	Notes for the summer institute in planetary physics. appendix vi	1963
19640005272	Theoretical and experimental analysis of the electromagnetic scattering and radiative properties of terrain, with emphasis on lunar-like surfaces semi-annual report, 1 may-31 oct. 1963	1963
19640005278	Design, development and manufacture of storage batteries for future satellites quarterly progress report no. 10, 4 feb.-4 jun. 1963	1963
19640005287	Semiannual report - biology and medicine, spring 1963	1963
19640005392	Fast-Neutron Flux in the Atmosphere	1963
19640005393	Injury and Recovery of Photosynthesis in Cells of Successive Developmental Stages: Temperature Effects	1963
19640005395	Isotope Effect in Superconductivity	1963
19640005397	A reciprocity theorem for the interaction of electromagnetic plane waves with a one dimensional inhomogeneous slab	1963
19640005417	Axial and radial magnetic fields of thick, finite-length solenoids	1963
19640005437	Rotary autokinesis and displacement of the visual horizontal associated with head/body/ position	1963
19640005439	A bioinstrumentation control center for the human disorientation device final report	1963
19640005440	Role of the otolith organs in the perception of horizontality	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640005441	Perception of the postural vertical following prolonged bodily tilt in normals and subjects with vestibular defects	1963
19640005472	Ferroelectric bolometer for space research scientific report no. 3	1963
19640005473	Detection of extraterrestrial life. method ii- optical rotary dispersion final report	1963
19640005475	A review of research studies on bubble motion in liquids contained in vertically vibrating tanks technical report no. 1	1963
19640005615	Analytical study of vibration data reduction methods	1963
19640005617	Theoretical study of the coupling between the solar wind and the exosphere quarterly status report no. 2, 14 sep.-11 dec. 1963	1963
19640005619	Research on low density thermal insulation materials for use above 3000 deg f sixth quarterly status report, 1 jul.-30 sep. 1963	1963
19640005621	Study to evaluate existing re-entry and other flight test data second quarterly progress report, 12 jun. 1963-13 sep. 1963	1963
19640005624	Catalog of lunar craters v	1963
19640005625	Semi-annual status report for the period june 1, 1963 - november 30, 1963 on. investigation of ceramics as structural materials	1963
19640005627	Relationship between light induced epr signal and pigment p700	1963
19640005629	Rocket booster control, section 6. time- optimal bounded phase coordinate control of linear recurrence systems	1963
19640005630	Rocket booster control, section 11. a note on system truncation	1963
19640005631	Rocket booster control, section 16. an alternate derivation and interpretation of the drift-minimum principle	1963
19640005633	Study of radio telescope in orbit /ratio/ structures quarterly report no. 2, 15 aug.- 15 nov. 1963	1963
19640005635	Research and Development of a High Capacity Nonaqueous Secondary Battery Second Monthly Report, 1-31 Aug. 1963	1963
19640005638	Study on theoretical and experimental on gravitational radiation semi-annual progress report, 1 jul.-31 dec. 1963	1963
19640005639	Space programs summary no. 37-24, volume iii for the period september 1, 1963 to october 31, 1963. deep space instrumentation facility	1963
19640005750	Estimation of the velocity distribution at the inlet of an axial-flow turbomachine	1963
19640005802	Preparation and properties of a free soil enzyme	1963
19640005866	Mariner b telecommunication system reliability study	1963
19640005867	On the presence of oxygen in the atmosphere of venus	1963
19640005868	Fuel-containment requirements for gaseous-fuel nuclear rockets	1963
19640005869	Relationship between the system of astronomical constants and the radar determinations of the astronomical unit	1963
19640005871	The potential energy curve of the lowest lying triplet sigma state of lithium hydride	1963
19640005874	Investigation of liquid and gaseous secondary injection phenomena on a flat plate with m equals 2.01 to m equals 4.54	1963
19640005876	The free-piston shock tube driver- a preliminary theoretical study	1963
19640005877	Space programs summary no. 37-24, vol. vi for the period 1 sep. - 30 nov. 1963 space exploration programs and space sciences	1963
19640005880	Earth-venus trajectories, 1970, volume 5, part a	1963
19640005881	Earth-venus trajectories, 1970, volume 5, part c spectrographic analysis of plasma flows	1963
19640005927	Pilot reaction to high speed rotation	1963
19640005946	Satellite situation report, volume 3, no. 10	1963
19640005947	Study of thin film large area photovoltaic solar energy converter second quarterly report, jan. 1 - mar. 31, 1963	1963
19640005948	Study program to improve fuel cell performance by pulsing techniques 2nd quarterly report, 1 oct. - 31 dec. 1963	1963
19640005952	Study of thin film large area photovoltaic solar energy converter fourth quarterly report, jul. 1 - sep. 30, 1963	1963
19640005953	Study of thin film large area photovoltaic solar energy converter first quarterly report, oct. 1 - dec. 31, 1963	1963
19640005954	A study to determine the optimum method for forming closed-ribbed plate to cylindrical and spherical shapes final report, 8 jul. - 7 nov. 1963	1963
19640005955	An example of a reusable earth-lunar transportation system	1963
19640005958	Orbital launch error analysis and development of a star sensing system suitable for inertial platform alignment, volume ii	1963
19640005961	Investigation of zeolite membranes for fuel cells monthly progress report	1963
19640005962	An investigation of the phenomena of impact flash and its potential use as a hit detection and target discrimination technique	1963
19640005963	Thin film large area photovoltaic solar energy converter third quarterly report, 1 apr. - 30 jun. 1963 14 p refs	1963
19640005964	First quarterly report of study of capacitors for static inverters and converters, august 16 - november 16, 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640005965	Methodology of mission and systems synthesis of manned planetary flights with particular emphasis on venus and mars as target planets	1963
19640005966	A preliminary study of the orifice flow characteristics of liquid nitrogen sub 2 and liquid hydrogen sub 2 discharging into a vacuum	1963
19640005967	The performance of point level sensors in liquid hydrogen	1963
19640005968	Functions for the calculation of entropy, enthalpy, and internal energy for real fluids using equations of state and specific heats	1963
19640005972	Study for an on-board electrical power system for a manned orbital space station summary of the final report, 6 may - 6 nov. 1963	1963
19640005976	Advanced concept inflatable paraglider model material and structural tests summary report	1963
19640005978	Improvement of nickel-cadmium batteries monthly technical progress report, 20 dec. - 20 jan. 1964	1963
19640005980	Experimental Investigation of Heat Transfer to Nuclear Rocket Nozzles Using Shock Tube Techniques, Phase II	1963
19640005981	The general and comparative biology of terrestrial organisms under experimental stress conditions quarterly report no. 2	1963
19640005983	Electrolytic preparation of high dielectric thin films quarterly report, 27 sep. - dec. 1963	1963
19640005986	Catalog of lunar craters iv	1963
19640005988	Investigation of perognathus as an experimental organism for research in space biology first quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640005990	A theoretical study of unsteady droplet burning- transients and periodic solutions	1963
19640005991	Evaluation of regenerative fuel cell	1963
19640006050	The mariner 2 infrared radiometer experiment	1963
19640006052	Evaluation of regenerative fuel cell progress report for jan. 1963	1963
19640006061	Noise considerations in the design and operation of aircraft	1963
19640006097	Silver-cadmium battery development program final report	1963
19640006101	<design of a standard line of non-magnetic, sealed, low rate silver-oxide-zinc cells for space applications< final report	1963
19640006113	Repetitively pulsed 2-stage plasma engine second quarterly progress report, 1 sep.-30 nov. 1963	1963
19640006152	Radiation effects on silicon solar cells final report, dec. 1, 1961 - dec. 31, 1962	1963
19640006154	Feasibility of interstellar travel	1963
19640006189	Evaluation program for nickel cadium sealed cells- acceptance test of gulton industries 20.0 ampere hour cells	1963
19640006197	Studies of manual control systems progress report no. 2, 19 jul. 1963 - 18 oct. 1963	1963
19640006198	The use of digital computers to determine definitions for abstract groups	1963
19640006199	An extendible boom system for space vehicles	1963
19640006256	Flight control computer for saturn space vehicles	1963
19640006301	Meteorites	1963
19640006353	Brayton cycle cavity receiver development quarterly report, oct. 1963 - dec. 1963	1963
19640006354	Development of high energy density primary batteries, 200 watt hours per pound of total battery weight minimum second quarterly report, 19 aug. - 19 nov. 1963	1963
19640006355	Evaluation of the performance of tungsten - tungsten 26 rhenium thermocouples to about 5000 deg. f final report, task order 1	1963
19640006356	Characterization of nickel-cadmium electrodes first quarterly report, 1 jul. 1963 - 1 oct. 1963	1963
19640006358	Capability development of adhesive bonded studs final summary report, 1 dec. 1962 - 30 oct. 1963	1963
19640006360	Research and development of an open-cycle fuel cell system third quarterly report, 1 jan. 1963 - 31 mar. 1963	1963
19640006366	Monthly progress report no. 6 for december 1962 <development of an "osmotic still" and improvements in the performance characteristics of the ionics dual membrane fuel cell<	1963
19640006367	Monthly progress report no. 7, january 1963 <development of an "osmotic still" and improvements in the performance characteristics of the ionics dual membrane fuel cell	1963
19640006368	Monthly progress report no. 8, feb. 1963 <development of an "osmotic still" and improvements in the performance characteristics of the ionics dual membrane fuel cell	1963
19640006405	Monthly progress report no. 9 for mar. 1963 <osmotic still and ionics dual membrane fuel cell development<	1963
19640006406	Monthly progress report no. 11 for may 1963 <development of "osmotic still" and improvement of performance of dual membrane fuel cell<	1963
19640006407	R-71 program summary report	1963
19640006408	Quarterly report covering period oct. - dec. 1963 <physiological and psychological mechanisms which defend the human body against heat and cold and determine the extent and efficiency of energy transformations in the human body and in isolated body	1963
19640006409	Addendum to final report <discharge tests, storage capacity retention and voltage regulation of storage cells<	1963
19640006410	Cortical-subcortical relationships of the chimpanzee during different phases of sleep	1963
19640006411	Ecologic relationships between bacteria and algae in photosynthetic gas exchangers quarterly status report no. 1, 1 aug. 1963 - 31 oct. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640006414	Histological studies on the inner ears of selected monkeys final report, sep. 1, 1961 - dec. 31, 1963	1963
19640006417	A brief vestibular disorientation test joint research report	1963
19640006419	Rigidized inflatable solar energy concentrator first quarterly progress report, aug. - nov. 1963	1963
19640006422	Monthly progress report no. 10 for april 1963 <program for development of an "osmotic still" and improvements in the performance of the ionics dual membrane fuel cell<	1963
19640006785	Research and development program on sealed nickel-cadmium cells for space use final report	1963
19640006788	Correlation of particle counts for millipore and whatman methods of analysis	1963
19640006790	Operating and maintenance instructions for stanford research institute grid mixer	1963
19640006791	Medium resolution infrared /mrii/ and high resolution infrared /hrii/ data processing and conversion	1963
19640006792	Specialized cost study, launch complex 39- pneumatic system	1963
19640006793	Research on the vortex mhd power generator third quarterly progress report	1963
19640006794	A study of the industrial applications of magnetic-pulse metal forming	1963
19640006796	Radiative energy transfer to outer base regions of cylindrical and conical gas bodies	1963
19640006797	Study on optical communications from deep space interim progress report, 7 jan. - 1 feb. 1963	1963
19640006798	Hypervelocity impact studies final report	1963
19640006799	The prediction of oxidation rates of carbonaceous materials from plasma arc tests 00.241	1963
19640006800	Investigation of the space storability of pressurizing gases final summary report, feb. 18, 1962 - dec. 31, 1963	1963
19640006801	Development of space-stable thermal-control coatings /paints with low solar absorptance/ emittance ratios/ triannual report, 20 may - 20 sep. 1963	1963
19640006802	Charged particle radiation damage in semiconductors, ix- proton radiation damage in silicon solar cells final report	1963
19640006803	Evaluation program for nickel cadmium sealed cells. acceptance test of general electric company 3.0 ampere hour cells	1963
19640006805	Catalog of precisely reduced observations no. p-10 research in space science	1963
19640006813	Study on optical communications from deep space interim progress report, 1 feb. - 27 mar. 1963	1963
19640006817	On the internal constitution of the terrestrial planets	1963
19640006820	Investigation of the stress-corrosion cracking of high-strength aluminum alloys second quarterly report, 1 aug. - 31 oct. <1963<	1963
19640006821	Asap, an automated statistical analysis program part one <of< two-part final report	1963
19640006822	Research and development of a high capacity nonaqueous secondary battery second quarterly report	1963
19640006824	Piecewise-linear switching functions for quasi-minimum-time contactor control systems	1963
19640006829	Long-term integrity of the tiros 5-channel radiometer visible channel characteristics	1963
19640006830	Ramon and phonon masers	1963
19640006836	Magneto-resistance and superconductivity for application to dc to ac conversion semi-annual status report	1963
19640006838	Molecular orbital study of the b super 1 sigma sub u super plus and super 3 sigma sub u super plus states of the hydrogen molecule	1963
19640006841	Errors in atmospheric temperature structure solutions from remote radiometric measurements	1963
19640006842	Cavitation Damage and Performance Research Facilities Technical Report No. 12	1963
19640006846	Reflectivity of solids in the vacuum ultraviolet	1963
19640006847	Rocket booster control. section 14- minimum disturbance effects control of linear systems with linear controllers	1963
19640006849	Cavitation damage measurements in mercury by radiotracer analysis technical report no. 10	1963
19640006850	Determination of Cavitation Conditions from Density Profiles of Mercury in a Venturi Technical Report No. 11	1963
19640006852	Evaluation of regenerative fuel cell final report, 25 jun. 1962 - 25 feb. 1963	1963
19640006855	Space environment effects on polymeric materials final technical report, oct. 1962- dec. 1963	1963
19640006856	Study on optical communications from deep space interim progress report, 27 mar. - 31 may 1963	1963
19640006945	Selected welding techniques technology utilization notes	1963
19640007017	A theory of space-probe entry under conditions of high mass loss	1963
19640007046	News from science and technology	1963
19640007238	An Experimental Investigation of Chemical Reaction between Propellant Tank Material and Rocket Fuels or Oxidizers when Impacted by Small High-Velocity Projectiles	1963
19640007250	Maximum Likelihood Estimation in Finite Stationary Ergodic Markov Chains and a Strong Converse to the Coding Theorem for Continuous Memoryless Channels	1963
19640007280	Proceedings of the Space Communications Institute, Maryland U., College Park, June 23-28, 1963	1963
19640007291	Parallel inverter and converter operation and improvements in transformers first quarterly report, 28 jun. - 27 sep. 1963	1963
19640007308	Vapor-filled thermionic converters final report	1963
19640007310	A geometrically nonlinear theory of shells	1963
19640007578	Improving performance and reliability of sealed secondary type nickel cadmium storage batteries for satellite and space application final report, 10 jan. 1961-11 jan. 1963	1963
19640007604	The structure and strength of the inner planets	1963
19640007647	Implications of Similarity in Rare-Earth Fractionation of Nakhlic Meteorites and Terrestrial Basalts	1963
19640007650	Evidence for the effect of corpuscular radiation on the ionosphere	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640007652	Snap-8 materials	1963
19640007658	Integrated welding controls- wire feed - travel speed <final report>, jun. 1962 - apr. 1963	1963
19640007660	Explorer xii observations of magnetic sudden impulses in the earth's magnetosphere	1963
19640007662	Experimental investigation of the effects of transpiration cooling on a partially dissociated turbulent boundary layer	1963
19640007663	Three-particle scattering. ii. in space	1963
19640007670	A model fokker-planck equation for a plasma and its solution	1963
19640007674	Supplemental information on high temperature coating and material programs at amf	1963
19640007677	Research on low-density thermal insulation materials for use above 3000 deg. f seventh quarterly status report, 1 oct. - 31 dec. 1963	1963
19640007684	Analysis of high temperature gases in situ by means of infrared band nodels	1963
19640007688	Explorer viii satellite measurements in the upper ionosphere	1963
19640007692	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell fourth monthly progress report, 12 mar.-12 apr. 1963	1963
19640007694	Operations plan 13-63, television observational satellite /tiros h/	1963
19640007698	A development of the earth's gravitational potential from the sixth through the twelfth zonal harmonic	1963
19640007699	Investigation of problems in thermal convection- rigid boundaries	1963
19640007755	Study of improved beryllium oxide materials for microelectronic technology	1963
19640007759	Development of aluminum castings with high impact strength at low temperatures summary report, 26 jun. 1962 - 26 jun. 1963	1963
19640007761	Rocket engine analyzer and decision instrumentation /readi/ investigation final report, phase ii	1963
19640007766	Astrodynamics of lunar satellites. part ii- lunar orbit stability final report	1963
19640007767	Study of thin film large area photovoltaic solar energy converter third quarterly report 1 apr. - 30 jun. 1963	1963
19640007769	Autoignition of dowtherm a in air at elevated pressures final report, jun. 3 - nov. 30 1963	1963
19640007770	Effect of nuclear radiation on materials at cryogenic temperatures quarterly progress report no. 12, oct. - dec. 1963	1963
19640007772	Design, development and prototype fabrication of an area hydrogen detector monthly progress report, 1 oct. 1963 - 31 oct. 1963	1963
19640007773	Research and development of an open-cycle fuel cell system monthly progress report, 1 jul. - 31 jul. 1963	1963
19640007774	The thermal conductivity of "m-31" coating material final report on task 4	1963
19640007778	Study on optical communications from deep space interim progress report, 7 nov. 1962 - 7 jan. 1963	1963
19640007779	Development of weave bead techniques for multipass vertical mig welding of aluminum alloys final report, 2 may 1962 - 2 jun. 1963	1963
19640007781	Synchronous meteorological satellite /sms/ study. volume 1- summary and conclusions <final report, feb. - may 1963>	1963
19640007783	Synchronous meteorological satellite /sms/ study. volume 3- meteorological sensors <final report>	1963
19640007784	Synchronous meteorological satellite /sms/ study. volume 4, attitude and station control final report, feb. - may 1963	1963
19640007785	Synchronous meteorological satellite /sms/ study. volume 5- communications, power supply, and thermal control <final report, feb. - may 1963>	1963
19640007786	Synchronous meteorological satellite /sms/ study. volume 6- system synthesis and evaluation	1963
19640007796	Perspectives on biochemical electricity	1963
19640007797	The origin of tektites-a review	1963
19640007817	Note on won-level geomagnetic ring-current effects	1963
19640007846	Parallel inverter and converter operation and improvements in transformers second quarterly report 28 sep. - 27 dec. 1963	1963
19640007852	Methods for determining blood flow through intact vessels of experimental animals under conditions of gravitational stress and in extra-terrestrial space capsules <progress report> 1 aug. 1962 - 31 jul. 1963	1963
19640007853	Rigidized inflatable solar energy concentrators first monthly progress report, 30 sep. - 31 oct. 1963	1963
19640007854	Rigidized inflatable solar energy concentrators second monthly progress report, 1-30 nov. 1963	1963
19640007874	Instrumentation for the pensacola centrifuse- slow rotation room i facility	1963
19640007875	Preliminary Results of Magnetic Field Measurements in the Tail of the Geomagnetic Cavity	1963
19640007876	Rescue and escape systems from tall structures /rests/ final report	1963
19640007877	Liquid-vapor equilibrium in the system normal hydrogen-helium	1963
19640007878	On the Turbulent Shear Flow of an Elastico-Viscous Fluid Rept. 0-71000/3R-28	1963
19640007880	Satellite situation report, volume 3, no. 4	1963
19640007882	History of the george c. marshall space flight center from january 1 through june 30 1963, volume one msfc historical monograph no. 7	1963
19640007883	History of the george c. marshall space flight center from january 1 through june 30 1963 volume two- supporting documents msfc hist. monograph no. 7	1963
19640007912	A discussion of halphen's method for secular perturbations and its application to the determination of long range effects in the motions of celestial bodies, part 1	1963
19640007918	A tabulation of helicopter rotor-blade differential pressures, stresses, and motions as measured in flight	1963
19640008189	Accoustic tests on typical saturn shroud structure	1963
19640008191	Solar energy collector monthly report no. 4	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640008193	Design data for pressurized gas systems	1963
19640008194	Rsi satellite command antenna array model 071-024. volume ii- mechanical final report	1963
19640008205	Ruggedized infrared carbon dioxide analyzer final progress report and manual	1963
19640008207	Fundamental atom chemistry with applications to the chemistry of the upper atmosphere technical status report no. 5, 1 jul.-31 dec. 1963	1963
19640008250	Proposed solution to the geomagnetic anomalies in the atmosphere	1963
19640008256	Analytic solution of the equations of motion of an interplaetary space vehicle in the midcourse phase of its flight	1963
19640008257	Analysis of surface magnetic fields by integrals	1963
19640008258	A differential equation for undamped forced non-linear oscillations, iii	1963
19640008260	Multiple scattering of electromagnetic waves by random scatterers of finite size	1963
19640008301	Reaction between nitric oxide and ozone in a supersonic nozzle	1963
19640008305	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell ninth monthly progress report. 12 aug. - 12 sep. 1963	1963
19640008312	Minimum Variance Orbit Determination Program First Quarterly Status Report 22 Jul. - 22 Oct. 1963	1963
19640008365	Calculation of slow neutron scattering cross-sections of molecular hydrogen and deuterium topical report	1963
19640008369	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell third monthly progress report, 12 feb. - 12 mar. 1963	1963
19640008370	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell fifth monthly progress report 12 apr. - 12 may 1963	1963
19640008371	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell sixth monthly progress report	1963
19640008372	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell seventh monthly progress report, 12 jun. - 12 jul. 1963	1963
19640008373	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell eighth monthly progress report 12 jul. - 12 aug. 1963	1963
19640008374	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell tenth monthly progress report, 12 sep. - 12 oct. 1963	1963
19640008375	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell eleventh monthly progress report, 12 oct - 12 nov. 1963	1963
19640008377	Status report no. 1, jan. - 30 nov. 1963 <theoretical and experimental investigations of particle detection and particle detectors to improve effectiveness, accuracy, and discrimination<	1963
19640008378	Research and development of s-1c heat shield panels monthly report no. 9, oct. 1963	1963
19640008379	Engineering properties of potassium final report	1963
19640008385	Generalized curves and the existence of optimal controls	1963
19640008386	Ultraviolet spectroscopy of the upper atmosphere. part i of an examination of the application to star meteorology of various segments of the electromagnetic spectrum	1963
19640008387	Quantum efficiency of silicon in the vacuum ultraviolet	1963
19640008388	Spacecraft attitude control for extended missions, volume i	1963
19640008389	Spacecraft attitude control for extended missions, volume ii	1963
19640008391	The influence of thermal treatments upon the microstructure and mechanical properties of aluminum-aluminum oxide alloys	1963
19640008392	Experimental and theoretical studies in planetary aeronomy final report, 2 apr. 1963-2 oct. 1963	1963
19640008505	Planetary position - velocity ephemerides obtained by special perturbations	1963
19640008507	Effects of exposure to continuous rotation on nystagmus phase shift	1963
19640008513	Measurement of the intensity of the proton beam of the harvard university synchrocyclotron for energy-spectral measurements of nuclear secondaries	1963
19640008517	X-ray production in super nova remnants	1963
19640008518	Cosmic gamma ray results from employer xi	1963
19640008521	<scientific utilization of meteorological satellite data and the implications of new techniques and measurements to meteorological satellite development< quarterly status report, 12 sep. - 11 dec. 1963	1963
19640008522	Radiation from a uniformly rotating charge distribution in a plasma in a magnetic field final report, 1 may 1962 - 30 apr. 1963	1963
19640008526	Orbit position control systems comparison and selection study report interim report	1963
19640008530	Development of an image converter of radical design /phase ii/ monthly progress report no. 15, 1 sep. - 30 sep. 1963	1963
19640008531	Experimental determination of stress distributions in thin walled cylindrical and spherical pressure vessels with circular nozzles phase report no. 1 <7 mar. 1962 - 1 nov. 1963<	1963
19640008537	Graft and block copolymers of some vinyl aromatic hydrocarbons	1963
19640008575	A blast-wave theory of crater formation in semi-infinite targets	1963
19640008585	Feasibility study of a track-while-scan navigation concept. program a - revisions	1963
19640008586	Modifications to the field wind weighting and impact prediction procedure for unguided rockets	1963
19640008594	Automatic picture transmission ground station. installation, operation and maintenance manual	1963
19640008599	Metallurgical effects of explosive strain rates on metal alloys annual summary report, 27 jul. 1962 - 26 jul. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640009342	Computer requirements- data construction, input, and initial processing. feasibility study of a track-while-scan navigation concept	1963
19640009345	Final report establishment and operation of a regional research center at mit for computer technology and research in biomedical sciences	1963
19640009401	Motions in barred spirals. vii. the velocity field of ngc 925	1963
19640009402	Lunar rough landing capsule development program final technical report	1963
19640009437	The computation of approximately optimal control	1963
19640009652	A survey of missions to the asteroids	1963
19640009661	Research and development of an open-cycle fuel cell system monthly progress report no. 11, 1 mar.-31 mar. 1963	1963
19640009677	Design, development and fabrication of fast silicon power transistors summary report, 28 may 1962 - 28 aug. 1963	1963
19640009678	Research and development study of the silver-cadmium couple for space application quarterly progress report no. 1, 1 jul. -30 sep. 1963	1963
19640009682	Development of solid film lubricants for use inspace enviroments	1963
19640009690	Synoptic interpretation of tiros iii measurements of infrared radiation	1963
19640009693	An Experimentally Determined Model for the Periodic Character of Winds from 85 - 135 km	1963
19640009694	The aperture admittance of a rectangular waveguide radiating into a lossy half-space	1963
19640009695	Comprehensive report on studies of high speed thermal radiation and convective heat transfer final report	1963
19640009699	Evaluation of insulated wire for space enviroment final report	1963
19640009700	Secondary injection of gases into a supersonic flow	1963
19640009709	Evidence for the existence of negative nitrogen ion from the continuum radiation from shock waves	1963
19640009710	Improved ionization cross-section detectors	1963
19640009711	The laminar boundary layer in hydrogen-air mixtures with finite rate chemistry	1963
19640009866	Free and semi-free model flight testing techniques used in low-speed studies of dynamic stability and control	1963
19640009882	Digital lead compensation of pulse-data control systems	1963
19640009910	Investigation of the behavior of dielectric materials at high field strengths in a high vacuum environment first quarterly progress report, 1 apr. - 30 jun- 1963	1963
19640009911	Dynamic Phenomena in Microspheres from Thermal Proteinoid	1963
19640009936	An investigation of electric characteristics of the lunar surface status report, 1 nov. 1962 - 31 oct. 1963	1963
19640010012	Integrated engine for spacecraft final report, 18 apr. 1962 - 18 sep. 1963	1963
19640010025	New technique for quantitative silicon dioxide determinations of silicate materials by x-ray diffraction analysis of glass	1963
19640010026	Segmented rational minmax approximation, characteristic properties and computational methods	1963
19640010030	Materials for potassium lubricated journal bearings quarterly progress report no. 2, 22 jul. 1963-22 oct. 1963	1963
19640010040	<theoretical and analytical studies of planetary and stellar structures, evolution and dynamical processes, and the applicability of geophysical methods to such studies> status report, 1 apr. 1963-30 sep. 1963	1963
19640010042	The grind-milling of light weight mirrors of glass interim progress report, 1 sep.-30 nov. 1963	1963
19640010064	Rsi satellite command antenna array, model 071-024. volume - - electrical final report	1963
19640010066	Integrated micropower circuits final report, 7 mar. 1963-15 jul. 1963	1963
19640010069	Satellite instruments using solid state detectors	1963
19640010071	Generalized viscous multicomponent - multi- phase flow with application to laminar and turbulent jets of hydrogen	1963
19640010074	Dynamic behavior of porous electrode systems semiannual status report, 1 sep. 1963-29 feb. 1964	1963
19640010075	A preliminary analysis of a reacting boundary layer with coupled pressure interaction technical report no. 377	1963
19640010088	Plan for study of computer requirements monthly progress report, 1 nov. - 30 nov. 1963	1963
19640010091	Stereo photography of the echo ii balloons numbers 9, 11, and 13 at lakehurst, new jersey	1963
19640010092	Description of program a /able/	1963
19640010094	The distribution of ions and electrons in the earth's exosphere technical report no. 4	1963
19640010095	Feasibility study of passively oriented lenticular satellites final report, 21 jun. - 30 aug. 1963	1963
19640010372	Charts for the analysis of isentropic one- dimensional unsteady expansions in equilibrium real air with particular reference to shock- initiated flows	1963
19640010636	Some sources of ground-wind loads in launch vehicles	1963
19640010670	A probe for the interplanetary plasma	1963
19640010674	A study of auscultatory blood pressures in simulated arteries	1963
19640010683	Voice/cardiac sounds under stress final report	1963
19640010686	<airborne approach and landing system study> monthly progress report no. 3, period ending mar. 28, 1963	1963
19640010692	Tiros iii measurements of terrestrial radiation and reflected and scattered solar radiation research paper no. 20	1963
19640010716	Alkaline battery separator study third quarterly report, 28 dec. 1962 - 28 mar. 1963	1963
19640010768	Development of hydrocarbon analyses as a means of detecting life in space quarterly report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640010771	The method of adjoints as applied to deterministic linearized systems systems analysis and evaluation technical note no. 9	1963
19640010786	Measurements and theoretical interpretation of hall currents for steady axial discharges in radial magnetic fields	1963
19640010788	A study of the hall effect and magneto-resistance for low voltage, high current, dc to ac conversion semi-annual status report, 15 jun. 1962-15 dec. 1962	1963
19640010809	Feasibility study for development of a hypervelocity gun	1963
19640010811	Determination of the weldability and elevated temperature stability of refractory metal alloys second quarterly report, sep. 21, 1963 - dec. 21, 1963	1963
19640010815	Vestibular mechanisms and vision	1963
19640010816	Vestibular sickness and some of its implications for space flight	1963
19640010817	Human reactions to slow rotational movements	1963
19640010821	On the use of a pile-of-plates polarizer, the transmitted component	1963
19640010829	Selection of a Temperature Control System for a Mars Probe	1963
19640010900	Studies of the fundamental chemistry properties and behavior of fuel cells first semi-annual progress report, 1 oct. 1962 - 31 mar. 1963	1963
19640010901	Study of improved beryllium oxide materials for microelectronics technology bi-monthly report, 1 july - 31 aug. 1963	1963
19640010903	Temperature effect on langmuir probe measurement	1963
19640011089	Influence of various cold-working processes on the mechanical properties and degree of dispersion of sintered aluminum products einfluss unterschiedlicher kaltverformungen auf die mechanischen eigenschaften und den dispersionsgrad von sinteraluminium	1963
19640011094	Fabrication of beryllium-clad tubular hypervelocity impact targets by gas pressure bonding summary report	1963
19640011342	Theoretical and experimental study of the interaction of free-surface waves on liquid metals with transverse magnetic fields /one-dimensional unsteady waves/	1963
19640011347	Effect of uniform external pressure and oblique incidence of the solar wind on the terminal shape of the geomagnetic field	1963
19640011362	The planet jupiter	1963
19640012180	Development of a complex multiple schedule in the chimpanzee	1963
19640012338	Potentialities of the radioisotope electrostatic propulsion system	1963
19640012345	A Parametric Study of Direct Nuclear Electrogenerator Cells Using a Beta Emitting Source	1963
19640012509	Shock tube spectroscopy- review and recent results	1963
19640012510	60 inch stretch formed aluminum solar concentrator final report, 24 jun. - 28 oct. 1963	1963
19640012511	Auscultatory versus direct pressure measurements for newtonian fluids and for blood in simulated arteries	1963
19640012529	Interchangeability plan	1963
19640012533	Deep space optical communications systems study final report, 7 nov. 1962 - 15 aug. 1963	1963
19640012546	Value analysis and producibility	1963
19640012555	Handling and transportation	1963
19640012557	Preliminary results of plasma measurements on imp-a	1963
19640012559	A study for an accuracy determination program for the pseudo-diurnal transit technique of space navigation /pdt study/, phase 1 final report	1963
19640012560	Lunar flight study series- volume 4. preliminary investigation of the astronautics of earth - moon transits	1963
19640012563	Radiation field of an arbitrary antenna in a magnetoplasma	1963
19640012838	Effects of simulated space environments on the viability of microorganisms quarterly status report, jan. 16 - apr. 15, 1963	1963
19640012839	<conduct research on gas chromatographic systems to analyze certain chemical constituents of the surface of the moon< progress report, 1 aug. 1961 through 31 jan. 1963	1963
19640012840	Chemical evolution and the origin of life	1963
19640012841	'gulliver', an experiment for extraterrestrial life detection and analysis	1963
19640012842	Radioisotopic biochemical probe for extraterrestrial life second annual progress report to nasa	1963
19640012843	<biosatellite project< progress and status report on nasa grant nsg-103-61, sept. 1, 1962 - feb. 28, 1963	1963
19640012844	Life in extraterrestrial environments quarterly status report, may 15 - aug. 15, 1963	1963
19640012845	Life in extraterrestrial environments phase report <feb. 15, 1962 - feb. 28, 1963<	1963
19640012846	Research on detection of extraterrestrial life by ultraviolet spectrophotometry second quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640012847	Development of hydrocarbon analyses as a means of detecting life in space quarterly report	1963
19640012848	The detection and identification of organic matter by mass spectrometry second and third semiannual report, jun. 1, 1962 - may 31, 1963	1963
19640012849	Detection and study of microorganisms in the upper atmosphere progress report	1963
19640012850	Reflection spectra of bio-organic materials in the 2.5-4 u region and the interpretation of the infrared spectrum of mars	1963
19640012851	Some philosophical roots of modern cosmological theories and the critical tests between them	1963
19640012853	Genetic studies in the space environment final summary report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640012855	Research to determine the existence and identify of viable microorganisms in the stratosphere first quarterly status report, mar. 18 - jun. 18 1963	1963
19640012856	The reflection and emission of electromagnetic radiation by planetary surfaces and clouds	1963
19640012857	Abiological synthesis of some nucleic acid constituents	1963
19640012858	Morphology and chemistry of microspheres from proteinoid	1963
19640012859	Preliminary investigations in the usage of gas chromatography for the detection of life on mars	1963
19640012860	An instrumentation crisis in biology	1963
19640012861	<research in space biology and relevant physical aspects of planetary and space environments< semiannual research status report	1963
19640012862	Growth and development of plants in compensated gravitational, magnetic, and electrical fields interim report no. 2	1963
19640012864	Microscopic extraterrestrial particles from the antarctic peninsula	1963
19640012865	Photographic observations of mars at new mexico state university in 1960-61	1963
19640012869	Development of a life detector and analytical instruments for planetary soils status report, sep. 1961 - feb. 1963	1963
19640012872	Effects of simulated space environments on the visibility of microorganisms quarterly status report, oct. 16, 1962 - jan. 15, 1963	1963
19640012875	Development of a life detector for planetary soils final report, jun. 1960 - aug. 1961	1963
19640012877	A study of the feasibility and methodology for establishing communication between man and other species interim report <1 jul. 1962 - 11 jan. 1963<	1963
19640012882	<investigations of meteorite microstructures and of organic matter in carbonaceous meteorites< semi-annual status report	1963
19640013292	The permeation of hydrogen through materials for the sunflower system final report	1963
19640013480	Theoretical prediction of the equilibrium real gas inviscid flow fields about blunt bodies, phase 11 formal written report	1963
19640013604	Investigation of a micrometeoroid vehicle damage assessment system	1963
19640013607	Co2 reduction unit designed for continuous zero gravity operation interim report	1963
19640013608	Investigation relating to the development of cadmium telluride energy converters quarterly technical report no. 2, 11 oct. 1962 - 10 jan. 1963	1963
19640013609	Investigation relating to the development of cadmium telluride energy converters quarterly technical report no. 3, 11 jan. - 10 may 1963	1963
19640013612	The interior of the moon	1963
19640013614	Study directed toward selection of apparatus for analysis of lunar crust and atmosphere summary report	1963
19640013615	Radiation effects on silicon solar cells technical summary report, 16 may - 15 oct. 1963	1963
19640013989	The exploitation of inertial coupling in passive gravity-gradient stabilized satellites	1963
19640014000	Cryogenic storage for space electrical power	1963
19640014017	Factory test plan	1963
19640014026	Ptf and facilities	1963
19640014027	<assembly of various numerical solutions to fluid dynamic problems, programming of the solutions, and computer checkout of the programs< third monthly progress report, 1 aug. - 31 aug. 1963	1963
19640014032	Ninth semiannual report to congress, 1 jan. - 30 jun. 1963	1963
19640014072	Preliminary study of modulation systems for satellite communications report no. 6	1963
19640014073	Investigation of light scattering in highly reflecting pigmented coatings quarterly report, jan. 1 - apr. 1, 1964	1963
19640014076	Distribution of density in an ion-exosphere of a non-rotating planet technical report no. 355	1963
19640014078	A photographic optical semidiameter of venus	1963
19640014079	Study of model matching techniques for the determination of parameters in human pilot models report on task 2, linear, time-variant models	1963
19640014080	Investigation of high-speed impact phenomena /11/ final report	1963
19640014081	The removal of electron-electron poles from many-electron hamiltonians	1963
19640014082	<mathematical analysis for the boundary layer of an inviscid flow using an ibm computer program< sixth monthly progress report, nov. 1963	1963
19640014101	Elastomeric gasket materials development for cryogenic applications quarterly summary report no. 4, 1 aug. - 31 oct. 1963	1963
19640014102	Stage separation and propellant dispersion ordnance subsystem technical note	1963
19640014103	Rift systems analysis. volume 3- aerodynamics report 201	1963
19640014104	Computer evaluation of winds from meteorological rocketsonde measurements	1963
19640014106	Satellite Situation Report	1963
19640014110	Project fog drops- investigation of warm fog properties and fog modification concepts third quarterly progress report, 1 aug. - 1 nov. 1963	1963
19640014113	Development of a prototype 30-watt tunnel diode inverter final report, jul. 1962 - dec. 1962	1963
19640014114	Outline of a theory and examples for precise analysis of satellite radiation data research paper no. 15	1963
19640014116	Electrostatic thrusters for space propulsion, present and future	1963
19640014118	Investigations leading to the development of a primary zinc-silver oxide battery of improved performance characteristics summary report no. 1, 1 jul. - 31 dec. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640014127	The iron, magnesium, calcium, and nickel distribution in the murray carbonaceous chondrite	1963
19640014130	Feasibility study of a track-while-scan navigation concept	1963
19640014132	Research and development of a high capacity non-aqueous secondary battery third quarterly report	1963
19640014139	Lecture notes prepared in connection with the summer seminar on space mathematics held at cornell university, ithaca, new york, july 1, 1963 - august 9, 1963, part ii	1963
19640014187	Improvement of nickel-cadmium batteries monthly technical progress report no. 30, 20 sep. - 20 oct. 1963	1963
19640014188	The ranger 5 flight path and its determination from tracking data	1963
19640014190	Concept of multiple-impact study of energy absorption first quarterly progress report, 1 apr. - 1 jul. 1963	1963
19640014192	Radiative energy transfer on entry into mars and venus quarterly report no. 6	1963
19640014196	New approaches in correlative studies of biological ultrastructure by high-resolution electron microscopy	1963
19640014200	On the steady state and transient operating characteristics of long cylindrical shroud supersonic ejectors /with emphasis on the viscous interaction between the primary and secondary streams/	1963
19640014201	Determination of a perturbing potential from its scattering phase shift and bound states energy levels	1963
19640014204	Seventh monthly progress report, 1 - 31 december 1963	1963
19640014206	Lecture notes prepared in connection with the summer seminar on space mathematics, part iv	1963
19640014207	Structural behavior of composite materials second quarterly technical report, 14 may -14 aug. 1963	1963
19640014246	Bubble motion studies for the liquid core nuclear rocket	1963
19640014249	Lecture notes prepared in connection with the summer seminar on space mathematics held at cornell university, ithaca, new york, part i	1963
19640014341	Alloying of heat-resisting austenitic steels, alloys and welded seams with boron in the 3.3- 1.5 percent range	1963
19640014421	The commercial application of missile/space technology, parts 1 and 2	1963
19640015093	Charged colloid generating system for electric propulsion	1963
19640015188	Lecture notes prepared in connection with the summer seminar on space mathematics, part iii	1963
19640015592	Properties of Welded High-Strength Titanium Alloy Sheet	1963
19640015641	Investigation of inherent stability of combustion systems fourth monthly progress report, 1 oct. - 31 oct. 1963	1963
19640015657	Progress of rift manufacturing plan. volume i- manufacturing operations	1963
19640015659	Evaluation of limb darkening from tiros iii radiation data research paper no. 18	1963
19640015660	Theoretical studies on the relationships between the thermionic work function of refractory intermetallic compounds and their electronic and crystal structures progress report, 1 jul. - 31 dec. 1963	1963
19640015719	Encapsulation techniques for nrl irradiation effects studies progress report	1963
19640015720	An experimental investigation of flutter of a fully submerged subcavitating hydrofoil	1963
19640015722	Total normal and total hemispherical emittance of polished metals, part iii technical report, 27 feb. - 19 dec. 1962	1963
19640015745	Prandtl Number Measurements and Thermal Conductivity, Viscosity Predictions For Air, Helium, And Air-Helium Mixtures	1963
19640015852	Conversion coatings for aluminum alloys- an annotated bibliography	1963
19640015853	Development of an electrode for long term application in biological recording final report	1963
19640015856	Concepts of multiple-impact study of energy absorption second quarterly progress report, 1 jul. - 1 oct. 1963	1963
19640015888	Space battery hand book	1963
19640015961	Self-Ignition, Flame and Detonation in Gases	1963
19640015990	Alkali metals boiling and condensing investigations, volume i- quarterly progress report no. 6, oct. 1 - dec. 31, 1963	1963
19640016004	Space electric power systems study, d-c to d-c converters for nuclear thermionic energy sources, vol. 5 final report, 3 may 1963 - 3 dec. 1963	1963
19640016061	Control of behavior by drug-produced internal stimuli	1963
19640016105	Heat-Transfer and Flow Data with Cryogenic Hydrogen for Nuclear Rocket System Design	1963
19640016165	Very high-energy cosmic rays	1963
19640016439	Cavitation damage in liquid metals quarterly progress report, 2 apr. - 2 jul. 1963	1963
19640016440	Description of a transient thermal analysis program for use with the method of zones re- port no. ii	1963
19640016441	Ranger block iii launch constraints planning document	1963
19640016450	<establishment of a space physics laboratory to develop instrumentation for space research< semi-annual report	1963
19640016458	Effects of sterilizing agents on microorganisms supplement to literature search no. 260	1963
19640016602	A summary review of the scientific findings of the mariner venus mission	1963
19640016666	Alkali metals boiling and condensing investigations, volume 1 quarterly progress report no. 6, oct. 1 - dec. 31, 1963	1963
19640016893	Theories of the origin of radio sources	1963
19640016894	Determination of the emissivity of materials annual progress report, 1 jan. - 31 dec. 1963	1963
19640016940	Transport properties and band structure of gray tin	1963
19640016942	Flame trajectory and its experimental determi- nation in vortex combustion. vortex controlled multifuel combustion technical report no. 2	1963
19640016952	Interplanetary midcourse guidance analysis, volume i	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640016954	Low energy scattering of electrons by atomic and molecular systems final report, nov. 1, 1962 - oct. 31, 1963	1963
19640017102	Observations on metallurgical bonding between plasma sprayed tungsten and hot tungsten substrates	1963
19640017133	The ultra-sound camera. part i- the instrument constructed at a.e.r.e.	1963
19640017354	Saturn long range azimuth alignment theodolite /lr2a/	1963
19640017357	A radio frequency probe for electron density measurements	1963
19640017358	Dynamic simulation of st-124 platform	1963
19640017364	Cavitation damage in liquid metals progress report no. 235-6, 2 jul. - 2 oct. 1963	1963
19640017370	Research performed in the space biology laboratory final report, 1 jan. 1962	1963
19640017400	Biological Passive Telemetry	1963
19640017465	Life Cycle Tests Monthly Progress Report. Period Ending 31 Mar. 1964	1963
19640017466	Study of Display Integration for Hypersonic Research Vehicles. Final Engineering Report, 15 May - 15 Nov. 1963	1963
19640017472	Comparison of the hartree-fock orbital with the first natural spin orbital for two- electron systems interim technical report, sep. 1961 - apr. 1963	1963
19640017480	Thermal scale modeling of spacecraft- an experimental investigation	1963
19640017482	Sunflower Solar Collector: Topical Report	1963
19640017484	<turbulence data acquisition and the effect of turbulence on aircraft< final report	1963
19640017485	Thunderstorm turbulence measurements by air- craft and concurrent radar echo evaluations	1963
19640017690	Operator variance in the determination of the plastic limit	1963
19640017889	Propulsion requirements for soft landing in extraterrestrial environments, volume 2 a final report	1963
19640017892	Theoretical and experimental analysis of the electromagnetic scattering and radiative properties of terrain with emphasis on lunar- like surfaces semi-annual report, 1 nov. 1962 - 30 apr. 1963	1963
19640017896	Radiation processes of charged particles moving in the upper atmosphere, and composi- tion and properties of the magnetosphere fi- nal report, 1 may 1962 - 30 apr. 1963	1963
19640017905	Plasma torch oxidation resistance and erosion. evaluation of pyrolytic materials	1963
19640017907	Mariner a plasma probe technical report no. 337	1963
19640017917	Close in solar probe preliminary draft report of suggested experiments	1963
19640017922	A general theory on multivariable error-free ripple-free sampled-data control systems	1963
19640017956	Study of a flight experiment of solar-concen- trator reflective surfaces final report, jun. - nov. 1963	1963
19640017961	Low input voltage d.c. to d.c. converter second tertiary progress report, 27 sep. - 26 dec. 1963	1963
19640017962	Low input voltage d.c. to d.c. converter first tertiary progress report, 26 jun. - 26 sep. 1963	1963
19640017972	Installation of solar cells on photovoltaic concentrating panels	1963
19640017974	Instrumentation for far ultraviolet rocket spectrophotometry technical report no. 3	1963
19640017980	Computer oriented research in the space rela- ted sciences semi-annual status report no. 11 mar. - sep. 1963	1963
19640017981	Fabrication of various 2219 aluminum alloys final report	1963
19640017986	Research on bearing lubricants for use in high vacuum annual summary report, 23 mar. 1962 - 22 apr. 1963	1963
19640017991	<numerical solutions to fluid dynamics prob- lems, programming of the solutions, and com- puter checkout of the programs< fourth monthly progress report, 1-30 sep. 1963	1963
19640017997	Moment method for solution of the schwarzschild-milne integral equation scientific report no. 1	1963
19640017998	<numerical procedures for programming the inviscid flow field< second monthly progress report, 1 jul. - 31 jul. 1963	1963
19640018356	Research on an advanced nasa information system	1963
19640018371	Qm elastomer contract progress report ii, sep. 27 - dec. 26, 1963	1963
19640018735	A Relationship Between Growth and Gravity in Bacteria	1963
19640018833	The determination of the natural modes of vibration for large systems final summary report, 9 apr. - 9 dec. 1962	1963
19640018850	Studies for Sterilization of Space Probe Components Final Report, Aug. 1, 1962 - Aug. 31, 1963	1963
19640018916	Program manual for minimum variance precision tracking and orbit prediction program	1963
19640018929	Study of improved beryllium oxide materials for microelectronics technology final report, 8 apr. 1963 - 8 dec. 1963	1963
19640018967	Hydrogen maser program interim technical report, 1 feb. 1962 - 31 may 1963	1963
19640018969	Investigation of a micrometeoroid vehicle damage assessment system summary report	1963
19640018978	Handbook of definitions, terms, formulas, conversion tables, and measurement methods for magnetic phenomena	1963
19640019006	An investigation of the performance character- istics of miniature and subminiature cables and connectors	1963
19640019008	Tiros iii. radiation data users manual supplement. correction models for instrumen- tal response degradation	1963
19640019015	Electronic performance of the s-52 prototype spacecraft under thermal-vacuum exposure	1963
19640019024	Studies for Sterilization of Space Probe Components Progress Report No. 1, Sep. 1 - Dec. 1, 1963	1963
19640019039	Nasa electrostatic-thruster research and instrumentation	1963
19640019042	Stability and positive supermartingales	1963
19640019043	Rocket Booster Control. Section 9 - Time Optimal Control with Amplitude and Rate Limited Controls	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640019048	Development of low temperature dielectric coatings for electrical conductors seventh quarterly report	1963
19640019051	The role of pseudorandom codes in communica- tions	1963
19640019266	Investigative study along with design and development of an ultraviolet air density meter final report	1963
19640019273	Propulsion requirements for soft landing in extraterrestrial environments volume iii. appendices final report	1963
19640019343	A New "Free-Flight" Mount System for High- Speed Wind-Tunnel Flutter Models	1963
19640019345	Support Systems and Excitation Techniques for Dynamic Models of Space Vehicle Structures	1963
19640019348	On the Use of Dynamic Models for Studying Launch Vehicle Buffet and Ground-Wind Loads	1963
19640019592	Airborne range and orbit determination system. volume ii- vehicle tracking transmitter final report	1963
19640019600	Investigation relating to the development of cadmium telluride energy converters final report, jul. 10, 1962 - aug. 31, 1963	1963
19640019606	Development of techniques and tooling for spin drawing of port configurations final report, jun. 4, 1962 - sep. 18, 1963	1963
19640019609	Future studies branch activities report, fiscal year 1963	1963
19640019617	Studies of the effects of variations in boundary conditions on the atmospheric boundary layer annual report 1963	1963
19640019632	A review of biological mechanisms for appli- cation to instrument design second summary report	1963
19640019634	High temperature thermocouple research and development program monthly progress report, no. 4, 1 sep. - 1 oct. 1962	1963
19640019637	The method of zones for the calculation of temperature distribution report no. 1	1963
19640019639	Technical problems associated with commercial communication satellites part e- economic aspects of satellite communication systems final report	1963
19640019648	Explorer 10 plasma measurements	1963
19640019650	Experimental tool program	1963
19640019652	Studies of high-frequency welding process final summary report	1963
19640019802	The emissivity of the rocketdyne circular aperture blackbody radiation source	1963
19640019869	Introduction to nuclear propulsion- nuclear safety lecture 16, apr. 23-25, 1963	1963
19640019871	Introduction to nuclear propulsion lecture 2- basic physics	1963
19640019872	Summary of diffusion theory for homogeneous and heterogeneous nuclear reactors lectures 3 and 4, mar. 5-7, 1963	1963
19640019873	Introduction to nuclear propulsion- shield physics lectures 5 and 6, mar. 12-14, 1963	1963
19640019874	Introduction to nuclear propulsion- reactor system design lectures 7 and 8, mar. 19-21, 1963	1963
19640019875	Introduction to nuclear propulsion- reactor thermal design lecture 9 and 10, mar. 26-28, 1963	1963
19640019876	Introduction to nuclear propulsion, mechani- cal design lectures 11 and 12, apr. 9-11, 1963	1963
19640020437	Thermal strain analysis of advanced manned- spacecraft heat shields first monthly progress report, 19 aug. - 19 sep. 1963	1963
19640020438	Thermal strain analysis of advanced manned- spacecraft heat shields second monthly progress report, 19 sep. - 26 oct. 1963	1963
19640020439	Thermal strain analysis of advanced manned- spacecraft heat shields third monthly progress report, 26 oct. - 29 nov. 1963	1963
19640020588	Radar investigation of meteors at high rates of detection final report	1963
19640020589	Solution for real gas shockwave interaction <laminar boundary layer and characteristic with weak vortex sheets< fifth monthly progress report, oct. 1 - oct. 31, 1963	1963
19640020604	Data reduction and analysis for heavy primary cosmic ray experiment in explorer vii satellite final report, 1 nov. 1961 - 31 dec. 1963	1963
19640020636	Gas-solid interactions at electrode surfaces technical summary report, apr. 1 - sep. 30, 1963	1963
19640020643	Analysis of solar reflectors. mathematical theory and methodology for simulation of real reflectors final report	1963
19640020645	Research in predictive instrumentation for manual control interim report	1963
19640020651	Kiruna geophysical data data summary 63/3, jul. - sep. 1963	1963
19640020878	Quenched-In Resistivity in Dilute Alloys	1963
19640020888	Investigations of the migration, desorption and voltage breakdown properties of cesium films on refractory electrodes	1963
19640020903	A facility for dynamic exposure of test objects to vapors and aerosols of low-vapor- pressure liquids	1963
19640020949	Research and development of a high capacity nonaqueous secondary battery fourth quarterly report	1963
19640021380	High-frequency, cable-driving amplifier for severe noise environment. nuclear pulse propulsion concept	1963
19640021389	Flying qualities demonstration and spin evaluation of extended wing mohawk	1963
19640022277	Continuous processes for functional electronic blocks interim technical progress report no. 2, 1 oct. - 31 dec. 1963	1963
19640022577	Performance measurement in flight simulation studies engineering report no. 13168	1963
19640022979	Surface and adsorbate studies second quarterly report, 25 jun. - 25 sep. 1963	1963
19640023120	Soldering of electrical connections /high reliability/, procedure for	1963
19640023126	Characteristics of the region of interaction between the interplanetary plasma and the geomagnetic field- pioneer 5	1963
19640023127	Normal sleep patterns in the macaque monkey	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640023180	Study of the breakdown characteristics of antennas in the atmospheres of mars and venus final report	1963
19640023219	Introduction to nuclear propulsion. lecture 21- nuclear rocket system	1963
19640023221	Optical satellite tracking program semiannual progress report no. 8, jan. 1 - jun. 30, 1963	1963
19640023245	The elevator illusion- apparent motion of a visual target during vertical acceleration	1963
19640023248	Lunar photographic orbiter- lighting and viewing conditions	1963
19640023258	Research on processes for utilization of lunar resources	1963
19640023279	Documentation of saturn rf and telemetry checkout procedures for the electronic engineering measuring and tracking office at the launch operations center	1963
19640023280	Bibliography on liquid metals technology of hg, k, na, and nak	1963
19640023366	Stability of axially-loaded thin cylindrical shells under dynamic lateral pressures- buckling of shells under dynamic loads final report	1963
19640023418	Properties of materials for submillimeter masers	1963
19640023537	The rv tauri population	1963
19640023598	Xvi international congress of zoology, washington, 20-27 august 1963. proceedings, volume i- contributed papers	1963
19640023599	Xvi international congress of zoology, washington, 20-27 august 1963. proceedings, volume 2- contributed papers	1963
19640023601	Xvi international congress of zoology, washington, 20-27 aug. 1963. proceedings, volume 4- specialised symposia	1963
19640023773	Xvi international congress of zoology washington /20-27 august 1963./volume 7 science and man symposium, nature, man and pesticides	1963
19640023780	Measurements of the optical constants of magnesium oxide and calcium tungstate in the spectral region between 10-cm-1 and 100 cm-1 at 300 deg k and 90 deg k	1963
19640023862	Hypervelocity studies in simulated planetary atmospheres monthly progress report, 25 dec.- 25 jan. 1963	1963
19640023863	The binary eutectic as a thermal energy storage system- equilibrium properties	1963
19640023864	Optical satellite tracking program semiannual progress report no. 9, 1 jul. - 31 dec. 1963	1963
19640023865	Research on Satellite Electrical Power Conversion Systems and Circuit Protection Fourth Semiannual Status Report, 1 May 1962 - 1 May 1963	1963
19640023866	Introduction to nuclear propulsion. lecture 13- reactor control, april 16-18, 1963	1963
19640023867	Introduction to nuclear propulsion. lecture 14- reactor control applicable to nuclear space craft, april 16-18, 1963	1963
19640023868	Introduction to nuclear propulsion. lectures 17 and 18- materials for nuclear application april 30, may 1-2, 1963	1963
19640023869	Introduction to nuclear propulsion. lectures 19 and 20- radiation damage and effects, may 7-9, 1963	1963
19640023870	Introduction to nuclear propulsion. lecture 21- nuclear rocket system, may 14-16, 1963	1963
19640024010	Xvi international congress of zoology, washing ton, 20-27 august 1963. volume 8- the protection of vanishing species	1963
19640024098	Calculations of real-gas effects in flow through critical-flow nozzles	1963
19640027546	Use of Gas Chromatography for the Detection of Life on Mars.	1963
19640044090	Identification of wires, sleeveings and harnesses	1963
19640044091	Physical thickness measuring device for plastics manufacturing research report	1963
19640044092	Explosive forming twinwall or uncore structure manufacturing research report	1963
19640044093	Technical summary of radar equipment used in the air traffic control system memorandum report /revision 1/	1963
19640044094	Analysis of requirements for a full-scale crash test facility final report	1963
19640044095	Status and progress report, october 1963	1963
19640044096	A two plane, differential pressure, incidence probe	1963
19640044098	The use of electric propulsion in earth satellites and a suggested research programme	1963
19640044099	Aerodynamic analysis and characteristics of the snap 10-a re-entry test vehicle for the rfd-1 re-entry flight test research report	1963
19640044101	On the turbulent shear flow of an elastico-viscous fluid	1963
19640044107	Basic research investigation on flow mechanism and heat transfer in separated flows semi-annual status report	1963
19640044112	<radio propagation factors affecting design and use of radio systems< quarterly progress report no. 8, apr. - jun. 1963	1963
19640044129	Photothermoviscoelasticity research status report <semi-annual, apr. 1, - sep. 30, 1963<	1963
19640044130	Direct measurements in the ionosphere quarterly status report, 1 jun. - 31 aug. 1963	1963
19640044136	Proceedings of the Conference on Solar Simulation Research and Technology, Washington, February 27-28, 1963	1963
19640044137	Jpl 25-foot space simulator solar performance and mariner test results compared to flight data	1963
19640044138	Solar Simulation at Goddard Space Flight Center, Office of Technical Services	1963
19640044139	Ames 10-solar-constant solar radiation simulator	1963
19640044140	Status of solar simulation research at lewis	1963
19640044141	Spectral radiances of some high-intensity light sources	1963
19640044142	Solar module efficiency analysis	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640044143	Description of the jpl advanced solar simulator design-type a	1963
19640044144	The spectral distribution of the carbon arc	1963
19640044145	Calibration of the leiss instrumentation	1963
19640044146	Ozone generation by compact arc lamps	1963
19640044147	Solar simulation requirements for solar cell studies	1963
19640044148	Delta monthly technical progress report, issue no. 53	1963
19640044150	On the impact of pellets with thin plates- theoretical considerations - part 2	1963
19640044159	Delta monthly technical progress report, january 1963, issue no. 45	1963
19640044163	Apollo guidance and navigation program monthly technical progress report, jan. 11, 1963-feb. 11, 1963	1963
19640044164	Lunar logistic system study, volume i, chapter v, section d	1963
19640044165	Atlas/centaur bi-monthly progress report, 11 jul. - 10 sept. 1963	1963
19640044168	Delta range safety land impact probability study for the tsx-2 spacecraft mission, model dsv-3b	1963
19640044172	Delta range safety trajectory and aerodynamic data for the delta s-6 payload mission, model dsv-3b, volume i	1963
19640044179	Support Systems and Operations, Volume IV	1963
19640044182	Detailed test objectives for delta launch vehicle spacecraft- tiros h	1963
19640044185	Delta range safety trajectory and aerodynamic data for the delta syncom a-26 spacecraft mission volume 1	1963
19640044189	Detailed test objectives for delta launch vehicle spacecraft- tsx-2	1963
19640044190	Detailed test objectives for delta launch vehicle s/n 358/20003/ 20006 spacecraft- syncom a-25	1963
19640044196	RI10 rocket engine monthly technical report, 1 sep.-1 oct. 1962	1963
19640044197	RI10 rocket engine monthly technical report, 1 jun. - 1 jul. 1963	1963
19640044201	[No Title]	1963
19640044203	The tensile and flexural strengths of some glass reinforced plastics tested at various rates of loading	1963
19640044205	A 64 kc/5 inductance bridge and demodulator for the use with push-pull inductance transducers	1963
19640044206	Some computer programmes for the performance analysis of rocket propellants	1963
19640044207	A mechanical design study for a six motion, numerically controlled machine for finish grinding large wind tunnel models	1963
19640044208	An introduction to magnetic tape units for computer applications	1963
19640044210	The protection of plastic film visors for folding pressure helmet from ice formation	1963
19640044211	Properties of rotating parachutes	1963
19640044212	The production of contamination-free welds in titanium	1963
19640044213	A review of manufacturing tolerances for 17-inch-diameter engine casings	1963
19640044214	C-141a flutter model tests, part i- low speed test results	1963
19640044215	Laboratory demonstration relative position-velocity pwi/cas techniques	1963
19640044216	Neutralization of a 30 kw ion engine array	1963
19640044218	The design of "tootsi" - a tool trajectory simulator to aid in programming a numerically controlled machine tool	1963
19640044219	Data reduction for the satellite ariel 1 /5.51/	1963
19640044221	Liquid oxygen and fuel prevalve for nasa saturn-program sixth monthly progress report, dec. 1 - 31, 1962	1963
19640044222	Liquid oxygen and fuel prevalues for nasa saturn report, jan. 1 - 31, 1962	1963
19640044223	Liquid oxygen and fuel prevalues for nasa saturn program eighth monthly progress report, 1 feb.-28 feb. 1963	1963
19640044224	Magnetogasdynamic rocket for space propulsion second quarterly progress report, 9 feb. - 9 may 1963	1963
19640044225	Bromination of polyhydrocarbons with n-bromosuccinimide	1963
19640044226	Vapor-filled thermionic converters third quarterly report, 1 apr. - 30 jun. 1963	1963
19640044230	Electron beam welding in variable environments interim technical documentary progress report, 15 jul - 14 oct. 1963	1963
19640044231	Development of manufacturing techniques for shear spinning of rocket motor cases interim technical progress report, 1 jan.-31 may 1963	1963
19640044232	Determination of the design criteria for optically transparent modified selectron 400 plastic material <final report, 15 jul. 1962- 14 mar. 1963<	1963
19640044234	Pressure and heat transfer measurements for hypersonic flows over expansion corners and ahead of ramps. part ii- mach 5 pressure data for flows ahead of ramps part of an investigation of hypersonic flow separation and control characteristics	1963
19640044239	Research in the area of control system theory semiannual status report, 1 mar.-31 aug. 1963	1963
19640044245	A Parametric Study of Boiling Instability	1963
19640044250	Determination of the performance of plastic laminates under cryogenic temperatures	1963
19640044253	Investigations in automated activation analysis as applied to lunar surface compositional determination semi-annual progress report, 1 may-1 nov. 1963	1963
19640044261	Descriptive and theoretical studies of natural charged particles and magnetic fields in space quarterly status report, 1 jul.-30 sep. 1963	1963
19640044262	<study in plasma physics associated with high speed re-entry into the atmospheres of the earth and other planets< quarterly progress report-period ending 30 sept. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640044263	A program to improve the sample distribution program of the nininger meteorite collection semiannual status report, mar. 1 - aug. 31, 1963	1963
19640044265	Current distribution in a porous electrode technical report	1963
19640044266	Msf network instrumented aircraft systems description	1963
19640044267	Development of capsules for the sert program monthly progress report no. 20, march 1963	1963
19640044268	Delta range safety trajectory and aerodynamic data for the imp s-74 spacecraft mission-model no. dsv-38, volume ii	1963
19640044270	Heat transfer to a deflector plate	1963
19640044274	The vapor pressure and heat of vaporization of potassium from 480 to 1150 c topical report	1963
19640044277	Solar proton spectra in the 12 november and 15 november 1960 events	1963
19640044278	Annual expected temperature conditions at wallops island, virginia	1963
19640044279	Establishment of stability by collective interactions in a plasma with collisions	1963
19640044281	A study of systems for space propulsion quarterly progress report no. 9, feb. 1 - apr. 30, 1963	1963
19640044283	Lunar logistic system. volume viii- lunar surface conditions	1963
19640044287	Evaluation of capacitors for space propulsion application third quarterly progress report	1963
19640044294	An observation of day airglow emission at 6300 angstroms technical report no. 2	1963
19640044296	Lunar logistic system. volume x- payloads	1963
19640044297	Lunar logistic system. volume ix. mobility on the lunar surface	1963
19640044298	Low current density ion engine development final technical report <june 1961 - nov. 1962<	1963
19640044300	Research and development of propellant feed systems for ion engines final report, 9 feb. 1962 - 15 jan. 1963	1963
19640044301	Polar orbits of satellites of an oblate planet	1963
19640044302	Research on the behavior of thin alkali-metal layers on refractory metal substrates annual report, 1 may 1962 - 30 apr. 1963	1963
19640044303	Research and development study of a magnetic induction plasma engine quarterly progress report, oct. 1 - dec. 31, 1962	1963
19640044305	Meteorological data report, aerobee nasa 4.87 gt	1963
19640044306	Meteorological data report, aerobee nasa 4.77 gs	1963
19640044307	A program of ion source research and development quarterly progress report no. 1, apr. 1 - jul. 1, 1963	1963
19640044310	Ionizer-reservoir development studies final report, dec. 1961 - dec. 1962	1963
19640044312	Analysis of electron-ion mixing in ion engines quarterly report no. 3, 1 dec. 1962 - 28 feb. 1963	1963
19640044313	Analysis of electron-ion mixing in ion engines quarterly report no. 4, 1 mar. 1962 - 31 may 1963	1963
19640044314	Analysis of electron-ion mixing in ion engine quarterly report no. 5, 1 june 1963 - 31 aug. 1963	1963
19640044315	Development of seals and sealants for use at cryogenic temperatures quarterly report no. 7, july 1 - sept. 1, 1963	1963
19640044316	Atlas/centaur <biweekly> progress report, 14 october to 25 october <1963<	1963
19640044317	Behavior of thin alkali metal layers on refractory metal substrates monthly progress report no. 4, 1 sep. 1963 - 30 sep. 1963	1963
19640044318	Design concepts of the apollo guidance computer	1963
19640044319	Apollo program quarterly progress report no. 4	1963
19640044320	Apollo program monthly progress report no. 10	1963
19640044322	Atlas/centaur hydrogen venting study final report	1963
19640044324	Co-axial plasma gun third quarterly progress report	1963
19640044329	Radar doppler and faraday polarization measurements of the cislunar medium during the 20 july 1963 solar eclipse	1963
19640044333	Interaction of high-energy gas molecules with solid surfaces status report no. 1, jul. 9, 1963-oct. 9, 1963	1963
19640044334	Molecular beam surface interaction quarterly report no. 1, 1 jul. - 30 sep. 1963	1963
19640044338	<analysis of speech information, system synchronization development, speech sampling system development, and speech compression techniques> interim report no. 2	1963
19640044339	Research on the vortex mhd power generator fourth quarterly progress report	1963
19640044343	Brief travel report. the second congress of the international federation of automatic control 1963, basel, switzerland	1963
19640044344	Adult space education program progress report	1963
19640044346	Development of capsules for the sert program monthly progress report no. 22, covering may 1963	1963
19640044349	Evaluation of advanced integrated display and control systems second quarterly progress report, july 11-oct. 10, 1963	1963
19640044352	Research on bearing lubricants for use in high vacuum progress report no. 26, apr. 23, 1963- may 31, 1963	1963
19640044354	Development of a propellant flow meter for ion rocket systems monthly progress report no. 2, feb. 1, 1963-mar. 1, 1963	1963
19640044356	Program-project data summary	1963
19640044359	A program of ion source research and development summary report	1963
19640044361	Repetitively pulsed 2-stage plasma propulsion engine 3rd quarterly progress report, 1 dec. 1962 - 28 feb. 1963	1963
19640044362	Voyager design study. volume vi- program plans	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640044363	Project mercury electrical mate and abort integrated test, capsule 20	1963
19640044364	Project mercury flight configuration sequence and aborts, ma-9	1963
19640044366	Flat cables and flexible printed circuits for spacecraft applications- an annotated bibliography	1963
19640044369	Propagation of altitude and altitude rate errors during suborbital flight	1963
19640044374	Radar doppler measurements of the cislunar medium	1963
19640044376	Monthly report for september, 1963 <instru- mental activation analyses, using the mark i-ia system	1963
19640044377	Study of ac arc dynamics stabilization and starting criteria final report	1963
19640044382	Flight report for vehicle s/n 370/20006/20010 delta program mission no. 20 spacecraft- syncom a-26	1963
19640044383	Mercury corrosion loop testing program final report	1963
19640044390	An ultrasonic technique for the evaluation of bonded honeycomb structural material	1963
19640044391	Two stage potassium test turbine quarterly progress report no. 9, may 8,-aug. 8, 1963	1963
19640044393	Flight plan for ma-9/20 final report	1963
19640044394	Some techniques of calibration of multiplier phototubes	1963
19640044395	Meteorological data report, aerobee nasa 4.22us	1963
19640044402	Nova vehicle systems study. part ii, volume i- summary final report	1963
19640044403	Vehicle systems study part ii- volume ii- summary of general analyses and hardware tasks final report	1963
19640044404	Vehicle systems study part ii- volume iii- configurations final report	1963
19640044405	Vehicle systems study part ii- volume iv- development and operational plans final report	1963
19640044411	Possibilities of mechanization and automation of aerial photography	1963
19640044414	Study for the development of techniques and instrumentation of hydrogen gas monthly progress report, aug. 1, 1963	1963
19640044417	Project mercury reaction control system x-5 day and x-1 day checks, capsule 20	1963
19640044419	Reliability analysis report-nasa eogo spacecraft shroud systems, model da-96	1963
19640044421	Spectrum of heavy nuclei in the primary cosmic radiation	1963
19640044424	A proposed sounding rocket program to sample lunar dust near the earth	1963
19640044426	Manned interplanetary missions based on current programs	1963
19640044427	Ion rocket engine system research and development <third< quarterly report, 27 jun. 1963-27 sep. 1963	1963
19640044429	Mariner-c program support plan 4300	1963
19640044431	Out-of-core nuclear thermionic study first quarterly report, 1 jul.-30 sep. 1963	1963
19640044433	Cryogenic propellant feed systems for electro- thermal engines summary report	1963
19640044434	Apollo guidance and navigation system monthly technical progress report, july 1963	1963
19640044436	Development of a 30 kw three-phase ac arc jet propulsion system	1963
19640044438	Study of reignitable solid propellant grains leading to extinguishable and restartable solid propellant rocket motors third quarterly progress report, july 22 - oct. 22, 1963	1963
19640044439	Delta range safety trajectory and aerodynamic data for the relay a-16 spacecraft mission model no. dsv-3b, volume ii	1963
19640044443	Vapor pressure and vapor fractionation of silicate melts of tektite composition	1963
19640044450	Mariner ii - attitude control system	1963
19640044460	Analysis of nasa launches 1960 through 1962	1963
19640044473	Saturn SA-5 Vehicle Data Book	1963
19640044475	Apollo guidance and navigation- system status report	1963
19640044477	Design, development, and demonstration of on-off-on device for solid propellant rocket motors quarterly report, 10 jun. - 10 sep. 1963	1963
19640044478	Apollo guidance and navigation- a unified explicit technique performing orbital insertion, soft landing, and rendezvous with a throttleable rocket-propelled space vehicle	1963
19640044480	Investigation of pyrazine fluids for high temperature lubricant application technical report <15 nov. 1962 - 1 mar. 1963<	1963
19640044481	High modulus, high strength heat resistant reinforcements <interim report, 1 mar. 1961 - 30 jun. 1962<	1963
19640044483	Final report, 1 august 1960 - 31 july 1963	1963
19640044485	Properties of "thermo-lag" t-500 ex 167 subliming compound	1963
19640044493	Nasa industrial applications contract	1963
19640044494	Response of modified redhead magnetron and bayard-alpert vacuum gauges aboard explorer xvii	1963
19640044495	Research on the stability of thermal-control coatings for spacecraft	1963
19640044507	Rift monthly technical progress report, october 1963	1963
19640044514	Blackout and the minimum frequency reflected by the ionosphere studies <1949-1960<	1963
19640044517	[No Title]	1963
19640044519	Nasa propellant processing studies final report, 17 oct. 1961 - 17 oct. 1962	1963
19640044520	NASA SCAT: Feasibility Studies of Supersonic Commercial Air Transport Configurations	1963
19640044524	Delta range safety land impact probability study for the s-6 payload mission	1963
19640044525	Detailed test objectives for delta launch vehicle - spacecraft- imp s-74	1963
19640044527	Project apollo guidance and navigation program monthly technical progress report	1963
19640044528	Liquid propellant research evaluation seventh quarterly report, 1 jul.-30 sep. 1963	1963
19640044531	R110 rocket engine monthly technical report, 1 feb.-1 mar. 1963	1963
19640044532	R110 rocket engine monthly technical report, 1 jul. - 1 aug. 1963	1963
19640044533	R110 rocket engine monthly technical report, 1 aug. - 1 sep. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640044535	F-1 engine system monthly progress letter, may 1-31, 1963	1963
19640044537	F-1 engine development program nineteenth quarterly progress report, 1 jul. - 30 sep. 1963	1963
19640044538	Unconventional injector feasibility investigation final report, 1 feb. - 30 nov. 1962	1963
19640044540	Evaluation of hydrides as high energy fuels for propellants quarterly technical summary report no. 2, jul. 1 - sep. 30, 1963	1963
19640044541	Apollo guidance and navigation. requirements of and index to design evaluation qualification, and reliability test program	1963
19640044551	On the analogy of celestial bodies and more particularly of artificial earth's satellites with gyroscopic systems	1963
19640044552	Determination of upper ionosphere parameters by the faraday effect	1963
19640044561	Experimental investigation of direction finder components standard elektrik lorenz vof 14 & standard telephone & cables limited pq1a1 cadf direction finder systems final report	1963
19640044562	The effect of reverse flow on the stability of rotor blade flapping motion at high tip speed ratios	1963
19640044563	The design of contrarotating fans	1963
19640044567	The relationship between combustion conditions and the corrosion of metal surfaces by fuel oil ash deposits	1963
19640044568	The influence of gas streams and magnetic fields on electric discharges part 2- the shape of an arc rotating round an annular gap	1963
19640044569	The apollo assembler	1963
19640044570	Potential capabilities of the stirling engine for space power final report	1963
19640044580	Heat transfer development program monthly project status report	1963
19640044585	Measurement of neon transition probabilities using an electromagnetic shock tube	1963
19640044591	Lubrication analysis in turbulent regime 1st quarterly report <11 jun. - 11 sep. 1963<	1963
19640044592	An investigation of the electrochemical and physiochemical properties of pi-cyclopentadienyl-pi-cycloheptatrienyl vanadium /0/	1963
19640044593	Determination of the performance of plastic laminates under cyrogenic temperatures quarterly progress report no. 5, 1 feb. 1963 - 1 may 1963	1963
19640044597	Evaluation of as-55 and other high strength columbium alloys for alkali metal containment status report, 25 dec. - 25 jan. 1963	1963
19640044602	Communications Performance Analysis for MA-9	1963
19640044603	Air-augmented rockets. a selected annotated bibliography, volume 1	1963
19640044608	Turbulence in the noise-producing region of a circular jet	1963
19640044609	Thoughts on the problem of aerodynamic noise sources near solid boundaries	1963
19640044611	Properties of "thermo-lag" t-230 ex 165 subliming compound	1963
19640044616	Further exploration in the theory of multiple budgeted goals	1963
19640044618	Apollo guidance and navigational orbital element variations for a body in orbit around the moon	1963
19640044620	Afterbody heat transfer measurements obtained during reentry of the spacecraft of the mercury-atlas 5 mission	1963
19640044631	Delta Range Safety Trajectory and Aerodynamic Data for the Delta Tيروس g Payload Mission, Volume I	1963
19640044632	Delta Range Safety Land Impact Probability Study for the IMP A (S-74 Spacecraft Mission	1963
19640044633	Delta Range Safety Trajectory and Aerodynamic Data for the Delta Tيروس h Spacecraft Mission, Model Dsv-3b, Volume I	1963
19640044635	Centaur- Monthly Configuration, Performance and Weight Status Report	1963
19640044640	Determination of Radio Signal Attenuation Caused by Plasma Sheath on Slender, Blunt-Nosed Body at About 200,000 Feet	1963
19640044641	Air-Augmented Rockets: A Selected, Annotated Bibliography	1963
19640044645	Medium Space Vehicles Programs Monthly Progress Report	1963
19640044646	Medium Space Vehicles Programs Monthly Progress Report	1963
19640044667	Report no. 2 of the aerospace manufacturing techniques panel of the committee on the development of manufacturing processes for aircraft materials	1963
19640044682	Improvement of nickel-cadmium batteries monthly technical progress report no. 31, 20 oct.-20 nov. 1963	1963
19640044686	Digital adaptive control system research quarterly progress report no. 3, 1 aug.-31 oct. 1963	1963
19640044687	Investigations of carbides as cathodes for thermionic space reactors quarterly progress report, 31 may 1963	1963
19640044688	Operational evaluation of a precision approach radar bright display console final report	1963
19640044689	Measurement of the amount of water vapor contained in the atmosphere of planet mars	1963
19640044691	Measurement of ionosphere temperature starting from the vibration spectrum of the transition sx super 2 sigma super plus yields a super 2 sigma super plus of the aluminum oxide molecule	1963
19640044692	Identification of a class of chromospheric eruptions responsible for polar ionospheric absorptions	1963
19640044694	Refractory reinforcements for ablative plastics part ii. synthesis of zirconium nitride and zirconium oxide flakes <technical report, jan.-mar. 1962<	1963
19640044695	An investigation of the thermal stability of potential supersonic jet fuels final report, sep. 1962-mar. 1963	1963
19640044696	Synthesis and formulation of inorganic bonded- inorganic fiber reinforced non-metallic structural materials summary report, jan.- dec. 1962	1963
19640044697	Digital programs for establishing steady-state radiator performance	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640044698	Photonics- the generation of light in silicon p-n junctions and the optical coupling of semiconductor devices <final report, may 1962 - jun. 1963<	1963
19640044699	Investigation of factors affecting early exploitation of integrated solid circuitry, volume 1. some general considerations for integral electronics interim progress report, 1 apr. - 1 jul. 1963	1963
19640044700	Investigation of factors affecting early exploitation of integrated solid circuitry, volume ii. computer analysis of integral electronic devices interim progress report, 1 apr. - 1 jul. 1963	1963
19640044702	Large plastic rocket motor cases interim progress report, 1 jan. - 31 mar. 1963	1963
19640044703	Status and progress report, november 1963	1963
19640044704	Research and development effort relating to a manned orbital space station	1963
19640044710	Solubility and diffusion studies of ultra pure transition elements in ultra pure alkali metals first quarterly report, june 28, 1963 - september 28, 1963	1963
19640044713	The buckling of cylindrical shells status report no. 6	1963
19640044716	Bombardment ion engine development final summary report	1963
19640044717	Two-stage potassium test turbine quarterly report no. 7 for quarter ending feb. 8, 1963	1963
19640044718	Solid propellant structural integrity investigations- structural integrity of large solid propellant grains research contract status report no. 2, 1 aug. - 31 aug. 1963	1963
19640044720	The theory of ion beam neutralization, ii final report	1963
19640044721	Advanced nuclear electric power generator system study. volume 11- thermionic nuclear space powerplant quarterly progress report, jul. 1 - sep. 30, 1962	1963
19640044722	Advanced nuclear electric power generator system study. volume ii- thermionic nuclear space powerplant quarterly progress report, 1 jul.-30 sep. 1962	1963
19640044724	The experimental p-v-t properties of potassium to 1150 c topical report	1963
19640044726	Development of refractory ceramics that can be processed at temperatures considerably lower than their maximum use temperature final report	1963
19640044733	Evaluation of Radioisotope Applications in Space, Part II, Monthly Status Letter, 1-29 Sep. 1963	1963
19640044742	Multichamber Engine Investigation	1963
19640044744	Delayed action, foam-in-place polyurethane for use in an aerospace environment final report, feb. 1961 - jan. 1962	1963
19640044745	Geodetic location of camera supports and alignment of the orientation markers for the flight-line recorders	1963
19640044746	Flight vehicle structural design criteria, recovery phase <1 jul. 1962 - 30 jun. 1963<	1963
19640044747	Development of miniature delay initiators <final report<	1963
19640044764	Structured glasses patterned after asbestos report covering period <1 jun. 1962 - 30 apr. 1963<	1963
19640044765	Composite inorganic resilient seal materials <jan. 1962 - feb. 1963<	1963
19640044766	Silicone finished glass fiber tapes and webbings for decelerators <feb. - mar. 1963<	1963
19640044769	Two-stage potassium test turbine quarterly report no. 8	1963
19640044770	Statement before the subcommittee on applications and tracking and data acquisition, committee on science and astronautics, house of representatives	1963
19640044775	Photographic coverage for high altitude release of cs sub 2 & pb /ch sub 3/ sub 4 over wallops island, virginia on september 24, 1963 technical report 3	1963
19640044776	Research program on pyroelectric detection techniques and materials first quarterly progress report, 17 may - 17 aug. 1963	1963
19640044778	A procedure for predicting the in-flight behavior of a payload from both rigid body and elastic body considerations	1963
19640044782	A program for the study of the effects of prolonged weightlessness on man	1963
19640044790	A technique for optimization of ascent trajectories and propellant loadings of multistage space vehicles	1963
19640044793	Experimental investigation of heat rejection problems in nuclear space powerplants. volume 2- condensing flow stability studies report period, 1 jun. 1962 - 31 may 1963	1963
19640044796	Hydrogen peroxide reaction control system failure analysis tests	1963
19640044797	Polarization transforming properties of anisotropic plasmas technical report no. 8	1963
19640044798	Investigation of cavitation damage of mechanical pump impellers operating in liquid metal space power loops quarterly progress report 1, 26 jun.-30 sep. 1963	1963
19640044801	Diffusion of charged plasma particles in a magnetic field <diffuziya zaryazhennykh chastits v magnitnom pole<	1963
19640044811	Elastomeric gasket materials development for cryogenic applications quarterly summary report 3	1963
19640044812	Algol solid rocket motor program monthly progress report no. 28, sep. 1963	1963
19640044815	Delta monthly technical progress report issue no. 52	1963
19640044816	Viscoelastic behavior of polymers at long times fifth semi-annual report, 1 may 1963 - 31 oct. 1963	1963
19640044817	The use of high-speed, computer-coupled, automatic systems for nondestructive medical and biologic nuclear activation analyses	1963
19640044821	Measurement of neutron intensity in space quarterly status report, 1 jul. - 30 sep. 1963	1963
19640044824	Preliminary description of an experiment to detect deuterium in the solar wind	1963
19640044826	Design of space vehicle structures for vibration and acoustic environments	1963
19640044827	Design, development, and demonstration of on-off-on device for solid propellant rocket motors monthly progress report no. 4, 10 oct. -10 nov. 1963	1963
19640044828	Engineering properties of potassium and cesium twelfth quarterly report, 1 jul.-30 sep. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640044830	Alkali metals boiling and condensing investigations quarterly progress report 4, 1 apr.-30 jun. 1963	1963
19640044832	Carbide cathode studies-chemical and physical redeposition informal monthly report, 1 may- 31 may 1962	1963
19640044842	Development of manufacturing techniques for shear spinning of rocket motor cases 3rd interim technical engineering report, 1 sep.- 31 dec. 1962	1963
19640044843	High temperature stabilization systems for hydrocarbon elastomers <progress report, 10 oct. 1961-19 oct. 1962<	1963
19640044844	Summary of strain gage fatigue data final report, 21 mar.-18 sep. 1962	1963
19640044849	Analytical detection of synthetic antioxydants in the edible oils- separation and identification of synthetic antioxydants through thin-film chromatography	1963
19640044850	Concerning microanalytical determination of oxygen in organic substances with relative conductometric end point reading	1963
19640044851	Theoretical effect of mach number and temperature gradient on primary and secondary flows in a jet-driven vortex final report, jan. 1962-oct. 1963	1963
19640044852	Theoretical investigation of the hydromagnetic stability of a free boundary layer final report, jan. 1962 - oct. 1963	1963
19640044853	Theoretical investigation of spectral opacities of hydrogen and nuclear fuel final report, jan. 1962 - oct. 1963	1963
19640044854	Theoretical and experimental investigations of spectral opacities of mixtures of hydrogen and diatomic gases final report, jan. 1962 - oct. 1963	1963
19640044868	Theoretical and experimental investigations of extremely dense plasmas at very high energy densities status report, 1 apr. - 1 oct. 1963	1963
19640044872	Effect of low density, inert gas flush on oxygen-columbium reaction at 1500 deg f to 2000 deg f quarterly report, nov. 18, 1963	1963
19640044873	Control, stability and nonlinear oscillations final report, 24 apr. - 24 aug. 1963	1963
19640044874	Ductility in beryllium- a manifold research effort	1963
19640044875	Department of defense research and development on power sources	1963
19640044879	Experimental investigation of heat rejection problems in nuclear space powerplants. volume 1- experimental evaluation of hydrodynamic losses in manifolds report period, 1 jun. 1962 - 31 may 1963	1963
19640044880	Experimental investigation of heat rejection problems in nuclear space powerplants. volume 3- space powerplant startup and transient operation simulation report period, 1 jun. 1962 - 31 may 1963	1963
19640044882	Research in the aerospace physical sciences first semi-annual report, 1 mar. - 31 aug. 1963	1963
19640044886	Hollow cathode beam plasma interaction study first quarterly report, 27 may - 30 sep. 1963	1963
19640044892	Program 706 Guidance Subsystem Investigation Final Report	1963
19640044894	Mercury/Atlas Guidance and Performance	1963
19640044898	Delta monthly technical progress report	1963
19640044899	Electromagnetic alkali metal pump research program quarterly progress report <no.< 1, 27 jun. 1963 - 27 sept. 1963	1963
19640044902	A study of magnetic film properties for nondestructive digital data storage and logic	1963
19640044903	Simulation and evaluation of phonetic speech recognition techniques. volume ii segmentation of continuous speech into syllables	1963
19640044906	Webbed dendritic silicon solar cell radiation effects investigation interim engineering progress report, 16 jul. - 15 oct. 1963	1963
19640044907	Establishment of manufacturing methods for crossed-field amplifiers at p-, s-, and x-bands interim engineering progress report no. 5, 1 aug. - 31 oct. 1963	1963
19640044908	Veil cooling of radial-flow turbines final report	1963
19640044911	Infrared spectrometric determination of unsaturation distribution in polybutadiene- type polymers	1963
19640044912	Research and development on fluorine based oxidizers annual report <apr. 1962< - sep. 30, 1963	1963
19640044913	Force tests of twenty-five full-scale 40-mm missiles at transonic speeds	1963
19640044914	Development and testing of advanced high- energy fluorine-containing solid propellants quarterly report, may 29 - aug. 28, 1963	1963
19640044915	Delta Range Safety Trajectory and Aerodynamic Data for the Delta Imp S-74 Spacecraft Mission, Model DSV-38, Volume I	1963
19640044916	Delta Range Safety Land Impact Probability Study for the Relay A-16 Spacecraft Mission, Model No. DSV-3B	1963
19640044922	Conceptual Design Study of Ten-Ton Reusable Orbital Carrier. Volume I- Technical Summary	1963
19640044923	Conceptual design study of ten-ton reusable orbital carrier. volume 2. configuration and performance analysis	1963
19640044924	Conceptual Design Study of Ten-ton Reusable Orbital Carrier. Volume 3. Operational Implementation	1963
19640044929	Space test of a rankine cycle power unit <final report, 1 jul. 1960-31 dec. 1961<	1963
19640044930	Large segmented fiberglass reinforced plastic rocket motor gases interim engineering progress report, 1 aug.-31 oct. 1963	1963
19640044931	Manufacturing technology for large monolithic fiberglass reinforced plastic rocket motor case interim engineering progress report, 1 aug. 1963-31 oct. 1963	1963
19640044937	Determination of the emissivity of materials quarterly progress report, 1 jul.-30 sep. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640044938	High temperature ceramic rectifiers, thyratrons, and voltage regulator tubes quarterly progress report no. 1, 26 jun.- 25 sep. 1963	1963
19640044939	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at minus 423 deg f /minus 253 deg c/ progress report 1 - phase iia, experimental program	1963
19640044940	Atlas/centaur bi-monthly progress report 11 september - 10 november 1963	1963
19640044941	Parametric performance analysis for inter- planetary missions utilizing first generation nuclear stages. part i- departure from earth orbit	1963
19640044943	Astrogeologic studies. part a- lunar and planetary investigations annual progress report, 25 aug. 1961-24 aug. 1962	1963
19640044944	Stratigraphy and structure of the apennine region of the moon	1963
19640044945	Geologic map and sections of the letronne region of the moon	1963
19640044946	Thickness and structure of the procellarian system in the lansberg region of the moon	1963
19640044947	Thickness of the apenninian series in the lansberg region of the moon	1963
19640044948	Computer analysis of microphotometer data from lunar photographs	1963
19640044949	Applications of analytical methods to a single microdensitometer trace	1963
19640044950	Isotonal map	1963
19640044951	Albedo measurement in the lansberg region of the moon	1963
19640044952	Photographic investigation of the earth-moon libration regions I sub 4 and I sub 5 from mt. chacaltaya, bolivia	1963
19640044954	Applications in astronomy suitable for study by means of manned orbiting observatories and related instrumentation and operational requirements, volume ii final report	1963
19640044955	Accuracy of masses	1963
19640044956	The use of large orbiting telescopes for cosmological tests	1963
19640044957	The study of galactic nebulae and diffusing matter	1963
19640044958	The search for very cool stars using a large orbiting telescope	1963
19640044959	Stellar interferometry	1963
19640044960	On polarization in nebulae	1963
19640044961	Detection of extra-solar planets	1963
19640044962	Comet photometry from orbiting observations	1963
19640044963	Proposed design of an all reflecting schmidt telescope	1963
19640044964	X-ray flux from galactic and extra-galactic sources	1963
19640044965	Residual sky brightness at altitude of 100 and 300 miles above the earth	1963
19640044966	Star count deviations as an indicator of star to dust ratios	1963
19640044967	Large area semiconductor surface passivation production refinement program interim engineering progress report no. 1	1963
19640044968	Integrated silicon device technology. volume ii- capacitance technical documentary report <feb. - jun. 1963<	1963
19640044969	Double frequency shift key demodulation study final report <4 apr. - 4 dec. 1962 and 2 apr. - 30 jun. 1963<	1963
19640044970	Hydrogen generation for fuel cells fifth quarterly report, 1 may - 31 jul. 1963	1963
19640044971	A method of obtaining a massive hypervelocity pellet from a shaped charge jet	1963
19640044972	Impact test for pneumatically propelled explosive samples	1963
19640044975	A measurement of the static aeroelastic deformation and loading of a wing in supersonic flow <final report, mar. 1961 - mar. 1963<	1963
19640044976	Evaporated thin-film devices scientific report no. 4, 1 jun. 1963 - 31 aug. 1963	1963
19640044978	Experimental and analytical investigation of an mgd power generation duct first quarterly progress report, 11 jul - 11 oct. 1963	1963
19640044979	Life support integration summary for space flights of one year duration	1963
19640044980	Radc propagation studies - task 1- backscatter studies of ionospheric irregularities	1963
19640044981	Evaluation of hot-gas systems and components	1963
19640044982	Evaluation of chu associates model ca-4001 uhf transmitting antenna final report	1963
19640044983	Evaluation of uhf transmitter coupler amplifier type fa-5271 final report	1963
19640044984	Evaluation of vhf and uhf receiver couplers type fa-5268 and type fa-5269 final report	1963
19640044985	Temperature control systems for space vehicles	1963
19640044986	Space station system studies. volume i- requirements studies and analysis	1963
19640044987	Space station system studies. volume ii- configuration studies	1963
19640044988	Space station system studies. volume iii- subsystem analysis and design	1963
19640044989	Space station system studies. volume iii- subsystem analysis and design	1963
19640044990	Space station system studies. volume iv- data handling communications and tracking systems for a manned space station	1963
19640044991	Space station system studies. volume v- planning and operations	1963
19640044992	The feasibility of large dynamic accelerators	1963
19640044993	Tensile strength of amorphous gum rubbers	1963
19640044994	Study of environmental effects on high temperature organic materials <final report, jan. - oct. 1962<	1963
19640044995	Evolution of rocket engine propellant - materials compatibility testing	1963
19640044996	Specimen heating in an acoustic environment technical report <jun. 1962 - jan. 1963<	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640044997	Program for determining total emissivity and absorptivity	1963
19640044999	Thin-layer chromatography. ix. report concerning the quick separation of digitalis- and podophyllum-glucoside mixtures	1963
19640045000	Determination of crystalline structure of thiokol by an x-ray method	1963
19640045001	Vapor tensions of hydrogen and new thermometric determinations in the liquid hydrogen region	1963
19640045002	A quick analysis of medicines in the apothecary through thin-film chromatography	1963
19640045003	Solubility of lithium in magnesium	1963
19640045004	Numerical representation of plane and rotationally symmetric transonic jet flow with curved sound boundary	1963
19640045005	Correction procedures for the flame- photometric sodium determination in the presence of calcium	1963
19640045006	General improvement of the equation of state- special equation of state for hydrogen	1963
19640045007	A fast semi-automatic micro-gasvolumetrical determination of nitrogen in organic substances by utilizing co sub 3 o sub 4 as an oxidizing catalyst	1963
19640045008	Studies on the theory of spatial vision, ii and iv	1963
19640045009	Stress relaxation of elastomers	1963
19640045015	Development of a 30 kw three-phase ac arc jet propulsion system quarterly progress report no. 2 <1 may-31 jul. 1963<	1963
19640045023	The application of circular arrays to spacecraft antenna problems	1963
19640045026	Meteorological data report, aerobee nasa 4.78 gs	1963
19640045027	Meteorological data report, aerobee nasa 4.33 gg	1963
19640045028	Generation of valid long time creep data on refractory alloys at elevated temperatures first quarterly report, 26 jun.-26 sep. 1963	1963
19640045030	Lunar logistic system. payload performance study. volume 1 technical digest final report /12 sep. - 19 dec. 1962/	1963
19640045031	Lunar logistic system payload performance study. volume ii technical final report /12 sep. - 19 dec. 1962/	1963
19640045034	Instrumentation report for project mercury model 133l, spacecraft no. 15a	1963
19640045036	Spacecraft no. 15 instrumentation report for - project mercury - model 133l	1963
19640045040	Flight test of the sip ex-1 and ex-2 booster vehicles	1963
19640045044	[No Title]	1963
19640045045	[No Title]	1963
19640045046	[No Title]	1963
19640045050	[No Title]	1963
19640045051	Multiple signal automatic missile tracking systems	1963
19640045054	Transonic wind tunnel investigation of two pitot-static probes for the f-105 airplane	1963
19640045055	Development of improved processes for filament-wound reinforced plastic structures interim technical documentary progress report, 1 may 1963-31 oct. 1963	1963
19640045060	Field-effect light modulation in germanium	1963
19640045061	Properties of glasses at elevated temperatures <seventh annual technical report, 1 jan. 1962- 31 dec. 1963<	1963
19640045064	Quartz lamp radiant heat brazing of large refractory metal honeycomb sandwich panels interim engineering progress report, 10 apr.- 10 jul. 1963	1963
19640045065	Interference analysis study final report	1963
19640045066	Solar-geophysical data-part b	1963
19640045067	Saturn monthly progress report, march 19 - apr. 15, 1963	1963
19640045071	Thermal control subsystem specification for space flights of one year duration	1963
19640045073	Surveyor mission launch wind constraints study for month of march study no. 2	1963
19640045081	Multiple-factor analysis of variance techniques for rocket vehicle environments	1963
19640045083	Process for a pilot run of ingredient 1 /peh/ final report	1963
19640045090	Aerodynamic characteristics of distorted cone-cylinder-flare configurations at mach numbers 0.6 to 8.0	1963
19640045092	An/ash-13 antenna patterson measurements of the fps-28 radar, houma, la. final report	1963
19640045093	The applicability of a combined chemical mutational and logographic system to propellant chemistry	1963
19640045094	A method for the determination of unsaturation distribution in polybutadiene-type polymers by reflectance i.r. spectrometry	1963
19640045095	Effects of clouds and moist layer roughness on range rate errors of radio interferometer tracking and guidance systems scientific report no. 1 <1 aug. 1962 - 14 feb. 1963<	1963
19640045096	Inorganic films for solar energy absorption technical report <1 feb. 1962 - 30 apr. 1963<	1963
19640045097	Plate fin 5- a design program for compact gas-liquid heat exchangers	1963
19640045098	Hydrogen-oxygen internal combustion engine <final report, 15 jun. 1961 - 15 sep. 1962<	1963
19640045099	Gelatin as a possible structural material for space use <final report<	1963
19640045100	A study of preferred orientations in warm and hot rolled metals	1963
19640045101	High temperature, high emittance intermetallic coatings. part i- emittance and reflection of intermetallic compounds <final report, jun. 1962 - jun. 1963<	1963
19640045102	Chemical reactions between plastic composite materials and propellant exhaust products, volume 1 <final report, 1 jun. 1962 - 1 jun. 1963<	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640045103	Crack propagation prediction and crack-stopper techniques for stiffened and unstiffened flat sheet in a supersonic transport environment technical documentary report <1 apr. 1962 - 31 jul. 1963<	1963
19640045104	Determination of thermal and mechanical loadings on aerospace vehicles 61h604-61h019 computer program user's manual	1963
19640045105	Elasticity of tantalum single crystals technical documentary report <jun. 1961 - dec. 1962<	1963
19640045106	Limited performance evaluation of the hh-43b with the 60 degree tailpipe technical documentary report <9 aug. - 18 oct. 1962<	1963
19640045108	Extruding and drawing tantalum alloys to complex thin h section interim engineering progress report, 1 jul. - 30 sep. 1963	1963
19640045109	Research on method for production of thermantic structural and or heat shielding materials phase i. survey of the state-of-the-art for processing of foamed metals and ceramics and composite structures interim engineering report, 1 jul - 30 sep.	1963
19640045112	Study of fact correlation for intelligence analysis final report	1963
19640045113	The hf antenna electronically-scanned in elevation <final report<	1963
19640045114	Electronically tuned rf selectivity project	1963
19640045115	The design, fabrication and installation of a wire-grid lens for hf radio direction finding	1963
19640045116	Galvanostagometry- a new technique based on the negative pressure of liquids for investigating electrochemical phenomena at an electrode technical report <apr. 1961 - apr. 1962<	1963
19640045117	Galvanostalometry- a new technique based on the negative pressure of liquids for investigating electrochemical phenomena at an electrode	1963
19640045118	Interconnection and organization of functional electronic blocks technical report <jul. 1962 - aug. 1963<	1963
19640045119	Striplap method of rocket motor case fabrication interim technical engineering report, 7 mar. - 6 jun. 1963	1963
19640045120	Blast wave attenuation in smooth wall tunnels- 1961 canadian h. e. test	1963
19640045121	Centered rarefaction wave in a chemically reacting gas	1963
19640045122	Some bayesian learning processes	1963
19640045123	Cryogenic associative processor final report, 26 dec. 1961 - 15 aug. 1963	1963
19640045125	Factors affecting the compatibility of liquid cesium with containment metals <report, 12 jan. 1962 - 31 may 1963<	1963
19640045128	Nova launch facilities study phase i report. volume i- comparative summary	1963
19640045129	Nova launch facilities study phase i report. volume 2- facility concepts	1963
19640045130	Nova launch facilities study phase i report. volume 3- studies and design considerations	1963
19640045131	Nova launch facilities study, phase ii, part i volume i- comparative summary	1963
19640045133	Saturn launch complex reliability test program. reliability test report for the quick-disconnect assembly, vpn 261712	1963
19640045135	Parametric performance analysis for interplanetary missions utilizing first- generation nuclear stages. part 4- departure from venus orbit	1963
19640045136	The role of early manned fly-by missions in planetary exploration	1963
19640045137	Porous ionizer development and testing third quarterly report, 1 aug. - 31 oct. 1963	1963
19640045138	Failure effect analysis of ground support equipment for saturn i, block 2 vehicles	1963
19640045140	Handbook of instructions for aerospace systems design. volume 1- general design criteria	1963
19640045141	Experimental investigation of pressures on a blunt two-dimensional profile and on sharp and blunt conical shapes of noncircular cross section at mach 5 and 8	1963
19640045142	Magnetic logical transducers <interim report, mar. 15, 1962 - apr. 15, 1963<	1963
19640045143	Continuous processes for functional electronic blocks interim technical progress report no. 1, 1 jul. - 30 sep. 1963	1963
19640045144	Striplap method of rocket motor case fabrication interim technical engineering report, 7 jun. - 6 sep. 1963	1963
19640045145	Evaluation of hughes microminiaturized instrumentation system	1963
19640045146	B-52h category ii performance and stability tests	1963
19640045147	Bak-12/e32a portable aircraft arresting barrier	1963
19640045148	Development of dies for extrusion of complex shapes of steel and refractory alloys interim engineering progress report, 1 jul. - 15 oct. 1963	1963
19640045149	Manufacturing methods for high temperature coating of large molybdenum parts interim engineering progress report, 1 aug. - 31 oct. 1963	1963
19640045150	Optical design for high resolution sidewinder-type seeker report <dec. 1962 - apr. 1963<	1963
19640045151	Titanium tankage program. phase 2- titanium tankage development fifth quarter report, 15 jun.-15 sep. 1963	1963
19640045152	Thin films formed by electrochemical reactions final report, 1 jun. 1961 - 31 jan. 1963	1963
19640045154	Chemical reactions between plastic composite materials and propellant exhaust products, volume ii <final report, 1 jun. 1962 - 1 jun. 1963<	1963
19640045159	Redeye development program <twenty- second< interim technical report, july - september, 1963	1963
19640045169	Physico-chemical characterization of high-energy storable propellants quarterly progress report, 16 aug. - 15 nov. 1963	1963
19640045170	Propulsion laboratory quarterly report, 1 apr.-30 jun. 1963	1963
19640045171	Propagation of shock waves induced by underground explosions	1963
19640045172	[No Title]	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640045181	Program 706- guidance subsystem investigation, volume 2 final report	1963
19640045182	Development of solid-propellant rocket motors for the second stage of the minuteman missile <10th quarterly progress report, jul.-sep. 1963<	1963
19640045183	Displacements in pershing grains due to thermal skrinkage	1963
19640045186	Saturn sa-3 flight evaluation, volume i	1963
19640045187	Saturn SA-3 Flight Evaluation, Volume 2	1963
19640045188	Saturn Monthly Progress Report, 16 Feb.-18 Mar. 1963	1963
19640045192	Nova Vehicle Systems Study. Part I- Conceptual Design, Volume li Common Design Characteristics	1963
19640045193	Nova vehicle systems study. part i- conceptual design, volume iii configurations	1963
19640045195	Applied research on high resolution film scanning second quarterly interim report <aug. 1963 - nov. 1963<	1963
19640045196	Research on techniques for integration of active elements into antennas and antenna structure interim engineering report, 1 jun. - 31 aug. 1963	1963
19640045198	Development of electrical switchgear for space nuclear electrical systems quarterly progress report no. 1, 16 jul.-16 oct. 1963	1963
19640045199	Corrosion product separation in a croloy 9m mercury loop second quarterly report, 1 aug.- 31 oct. 1963	1963
19640045200	Atlas/centaur progress report <bi-weekly< report<, 25 nov.-6 dec. 1963	1963
19640045201	Analysis of an arc-jet exhaust quarterly progress report, 11 jul.-31 oct. 1963	1963
19640045202	Solid propellant structural integrity investigations- structural integrity of large solid propellant grains research contract quarterly report no. 1,1 jul.-30 sep. 1963	1963
19640045203	Analysis of the dynamic systems response of some internal human systems second quarterly report, 1 apr. 1963	1963
19640045205	Electrical insulators for very high temperatures summary report no. 2, 5 may 1962-4 aug. 1963	1963
19640045206	Development of dispersion strengthened tantalum base alloy quarterly progress report, 19 jun.- 19 sep. 1963	1963
19640045207	Development of a high strength aluminum alloy, readily weldable in thicknesses, and suitable for application at minus 423 deg f /minus 253 deg/ first quarter progress report, 1 jul.-30	1963
19640045208	Development o a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at minus 423 deg f /minus 253 deg c/ progress report 5 - phase 2 and 3, experimental program, 1-30 nov. 1963	1963
19640045209	Development of a Coaxial Plasma Gun for Space Propulsion	1963
19640045211	Delta monthly technical progress report	1963
19640045212	Design Test Data - Mechanical and Electro-mechanical Components	1963
19640045215	Acceptance Firing of Saturn Flight Stage S-1-4	1963
19640045216	Acceptance firing of saturn flight stage s-1-5	1963
19640045217	Results of the fourth saturn 1 launch vehicle test flight	1963
19640045219	Fabrication, Preflight Rating Tests, and Delivery of ALL/TROL Control Systems for Project Vector Sixth Monthly Progress Report, Dec. 1962	1963
19640045222	Applied research program. aerospace intelligence data system /aids/ quarterly progress summary report no. 8, 16 may 1963 - 15 aug. 1963	1963
19640045223	Research and development of hermetically sealed relays with isolated contacts fourth semiannual progress report, 1 jan. - 31 jul. 1963	1963
19640045225	Feasibility study for development of a hypervelocity gun seventh quarterly progress report, 14 apr. - 14 aug. 1963	1963
19640045232	Tungsten alloys for rocket nozzles second quarterly progress report, 1 aug. - 1 nov. 1963	1963
19640045233	Determination of the performance of plastic laminates at cryogenic temperatures quarterly progress report no. 6, 1 may - 31 jul. 1963	1963
19640045234	Development of stimulator monitor and monitor systems final report on task a	1963
19640045236	A follow on program on magnetic plasma engine development quarterly progress report, 21 may - 31 jul. 1963	1963
19640045238	The aurora and the airglow	1963
19640045239	Application of the asymptotic methods to some problems of the vehicle re-entry dynamics	1963
19640045241	Study of satellite motion about center of mass using averaging method	1963
19640045242	Apl space and research programs status report, apr.-jun., 1963	1963
19640045243	Technical operations	1963
19640045244	Passive gravity-gradient stabilization for earth satellites	1963
19640045245	High-density microelectronic system realization	1963
19640045246	Temporal correlation in the single unit discharges of thalamic neurons	1963
19640045248	Investigation of ignition systems for large, solid propellant motors	1963
19640045249	Control requirements for large solid- propellant boosters	1963
19640045250	Development of the long range typhon rocket motor	1963
19640045251	The shillelagh missile propulsion subsystem	1963
19640045252	Failure warning for large solid rocket motors	1963
19640045253	Study of solid propellant systems for space propulsion	1963
19640045254	A Study of Hybrid Propulsion Systems for Apollo Lunar Landings and Takeoffs	1963
19640045255	Solid Propellant Rocket Motors in Space Maneuvering Systems	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640045256	Small grain-wrapped rockets	1963
19640045257	Solid propellant auxiliary rockets	1963
19640045258	The syncom i jpl apogee rocket motor	1963
19640045259	Feasibility demonstration of a solid- propellant pulse rocket	1963
19640045260	Leapfrog - a high mass ratio, solid propellant spike nozzle motor	1963
19640045268	The synthesis of covalent azides and their evaluation as propellant ingredients	1963
19640045284	Bulletin of the interagency solid propulsion meeting, july 1963, seattle, washington, volume iii	1963
19640045285	Report on the working group for design automation	1963
19640045286	Integrated solid rocket design procedure utilizing computers	1963
19640045287	An automatic design-selection and optimization program for solid-rocket systems	1963
19640045288	Grain Designs Based on a New Propellant Combustion Concept	1963
19640045289	Total impulse control in solid propellant rocket motors	1963
19640045290	Theory of solid propellant ignition and response to pressure transients	1963
19640045291	Combustion studies. part 1- a theory of low- frequency combustion instability in solid rocket motors	1963
19640045292	Combustion studies. part 2- an experimental investigation of the low pressure combustion limits of some solid propellants	1963
19640045293	A theoretical model for thrust vector control with gas injection	1963
19640045294	Development of a fully gimbaled nozzle for a large solid rocket motor	1963
19640045295	Jet tab thrust vector control for large solid rockets	1963
19640045296	A study of thrust vector control by liquid injection into rocket nozzles	1963
19640045297	A unique unitized thrust vector control motor	1963
19640045298	Development of freon expulsion subsystems and components for polaris and minuteman secondary-injection thrust vector control	1963
19640045299	Carbon fiber reinforced phenolics for rocket motor insulation	1963
19640045300	Composite materials for solid rocket nozzles	1963
19640045301	The application of electron beam welding to large solid motor cases	1963
19640045302	En route design specification dynamic simulation- modes and maneuvers	1963
19640045303	NASA Industrial Applications Program Final Report	1963
19640045304	Some experiments on the satellite "cosmos - 2"	1963
19640045305	Some recent developments in the theoretical aspects of the electromagnetic wave propagation	1963
19640045306	A hybrid analog-digital differential analyzer system	1963
19640045308	Multidisciplinary space-related sciences and technology interim technical progress report, 1 may-31 aug. 1963	1963
19640045309	General environmental test specification for spacecraft and components /launch environments dictated by delta launch vehicle/	1963
19640045310	Heat transfer characteristics of boiling neon and nitrogen in narrow annuli	1963
19640045311	Study of effect of high-intensity pulsed nuclear radiation on electronic parts and materials /score/ report no. 2, quarterly progress report, 1 may-31 jul. 1963	1963
19640045313	Thermal studies of reinforced-plastic materials. part 2- properties of nine reinforced-plastic laminates	1963
19640045315	Reversible oxygen electrodes quarterly report no. 6, 1 apr.-30 jun. 1963	1963
19640045316	Motion of an artificial satellite in the earth's gravitational field	1963
19640045322	Theoretical and experimental studies in astrophysics semiannual status report no. 1, feb. 1 - jul. 31, 1963	1963
19640045325	On the application of the maximum principle to the rocket flight problems	1963
19640045326	On the use of resonant satellites for determining the constants of the earth's gravitational field	1963
19640045329	Ranger tv subsystem. block 3 eleventh bimonthly progress report, <1 apr. - 31 may 1963<	1963
19640045330	Ranger tv subsystem- block 4 first bimonthly progress report <1 apr. - 31 may 1963<	1963
19640045331	On the contour of radiating elements. part 3- the form of a flexible thread in the centrifugal force field	1963
19640045332	On the origin of gas-rich meteorites	1963
19640045333	Problems of radiation safety of space flights	1963
19640045339	A steady state hall current accelerator final report	1963
19640045340	Activities of the molecular excitation group interim semi-annual report, 1 jul. 1962 - 30 jun. 1963	1963
19640045342	The ensuring of radiation safety during flights of soviet cosmonauts	1963
19640045347	Results of the far-field acoustical survey of sa-4 launch	1963
19640045348	Some problems of the optimal transfer theory	1963
19640045351	Analysis of dynamics of mother-daughter rocket separation systems	1963
19640045353	Problems of motion of the earth's artificial satellites about the center of mass	1963
19640045359	Development of methods to produce columbium alloy cb-74 /renumbered haynes alloy cb-752/ sheet final report, 30 oct. 1961 - 15 dec. 1962	1963
19640045361	Test results of the astronaut maneuvering unit	1963
19640045363	On the biological effect of high-energy protons	1963
19640045367	Investigation of biological effect of cosmic radiation under conditions of space flight	1963
19640045385	Determination of semi-conductor device figure of merit first quarterly progress report, 1 jul. - 1 oct. 1963	1963
19640045386	The fluorine-oxygen radical and high pressure reactions of nitrogen fluoride third quarterly report, 1 aug. - 1 nov. 1963	1963
19640045387	Summary of starting tests on the j57-p-20 turbojet engine with the bendix aj-h4 modified main fuel control	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640045390	Evaluation of a collision avoidance technique final report	1963
19640045392	Apollo systems description, volume 3	1963
19640045396	Report on systems experience, applications, and design, volume ii	1963
19640045397	Mariner 2 solar panel design and flight performance	1963
19640045398	Relay solar array results	1963
19640045399	Thermal photovoltaic effect	1963
19640045400	Artificially radiated energy for photovoltaic power generation	1963
19640045401	Operation of photovoltaic cells at high power densities	1963
19640045402	Effects of radiation on cover glasses and cover glasses and adhesives	1963
19640045403	Design of oao solar cell arrays	1963
19640045404	Orbiting manned laboratory power systems	1963
19640045405	Radiation-damaged solar cells vs. radioisotope powered thermoelectric generators for space	1963
19640045406	Summary panel discussion. the future of photovoltaic power systems	1963
19640045407	Effects of high-energy electron radiation on solar cell shields	1963
19640045408	Effects of space radiation on solar cell cover materials	1963
19640045411	Internally ablating composite coatings, part 1. a theoretical analysis	1963
19640045412	On the theory of accommodation coefficients, iv. simple distribution function theory of gas-solid interaction systems	1963
19640045413	Errors in an inertial navigation system due to misalignment of the main inertial components	1963
19640045414	Restraint harnesses - a review	1963
19640045415	Safety and regularity in air transport in marginal visibilities	1963
19640045418	Tests to determine water depths on runways, part i	1963
19640045419	Thermal stability of some neopentyl- substituted phosphorus compounds	1963
19640045420	An apparatus for measuring the thermal emissivity of metal surfaces and surface finishes at low temperatures	1963
19640045421	Continuous stress-relaxation measurements in silicone vulcanisates. part i- methyl-vinyl silicones cross-linked with dichlorobenzoyl peroxide	1963
19640045423	A study of a numerically controlled grinding machine for the manufacture of wind tunnel models	1963
19640045424	Some studies of pressure distributions on the windward surfaces of conical bodies at high supersonic speeds <report of study, 7 jul. - 18 aug. 1962<	1963
19640045426	Spontaneous ignition of kerosene /avtur/ fuel vapour within a 4 inch cylindrical vessel	1963
19640045430	Daytime whistler-mode attenuation through the lower ionosphere at 15.5 kc as measured on explorer vi during launch trajectory	1963
19640045431	Communications and tracking coverage for injection phase of apollo lunar mission	1963
19640045432	Manned space flight network performance analysis for ma-9	1963
19640045446	Oart program highlights	1963
19640045447	A numerical method for solving the equations of natural convection in a narrow concentric cylindrical annulus with a horizontal axis	1963
19640045449	Potassium corrosion test loop development quarterly progress report no. 1, 15 jul. - 15 oct. 1963	1963
19640045454	Influence of fin and boattail variations on the aerodynamic characteristics of the lance missile at transonic speeds	1963
19640045461	Electromagnetic projectors final technical report	1963
19640045462	High energy solid oxidizer production process <interim technical progress report, 1 aug.-31 oct. 1963<	1963
19640045467	Constant area combustor scramjet engine cycle analysis	1963
19640045468	Detailed Test Objectives for NASA Mission MA-9	1963
19640045471	Hitab /tabstone/ rocket probe program third technical summary report, 25 jun. 1962- 1 mar. 1963	1963
19640045474	Traveling-wave phase shifter technical progress report, 12 jul. - 12 oct. 1963	1963
19640045476	Magnetic materials technology for ppm-focused twts interim technical documentary progress report, 1 sep. - 30 nov. 1963	1963
19640045477	Development of a microelectronics processor ist interim technical documentary progress report, 1 jul. - 31 oct. 1963	1963
19640045478	Properties of ultra high strength bainitic structures quarterly report no.3	1963
19640045479	Transient radiation effects on electronic parts sixth quarterly progress report, 1 jul. - 30 sep. 1963	1963
19640045481	Magnetic parametron logic elements second quarterly progress report, 1 jul. - 30 sep. 1963	1963
19640045485	High-temperature resistant beryllia fiber- reinforced structural composities second summary report, 16 mar. - 15 dec. 1962	1963
19640045487	Alpha titanium manufacturing development sheet program final report, 23 may 1962 - 1 aug. 1963	1963
19640045490	Performance characteristics of a perforated scoop inlet in the pwt 16-foot supersonic tunnel	1963
19640045492	Aircraft protection from thunderstorm electromagnetic effects. part 4- test methods and specifications for aircraft lightning diverter dischargers	1963
19640045493	Aircraft protection from electromagnetic effects final report	1963
19640045495	The effects of nuclear radiation and high temperature on flight and engine transducers final report, apr. 1960 - aug. 1961	1963
19640045496	Development of design criteria for high temperature wheel, brake, tire and related bearings technical documentary report, 1 may 1961-31 may 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640045497	Properties of ring-plane slow-wave circuits technical documentary report, apr.-dec. 1962	1963
19640045498	Noise power spectrum analysis studies and klystron power measurements <final report>	1963
19640045499	Development of economic quantity/quality manufacturing methods for a ka-band tunable magnetron interim technical documentary progress report, 21 sep. 1963-21 dec. 1963	1963
19640045500	Development of mechanical fittings, phase i and ii technical documentary report, 1 apr- 1962-31 jul. 1963	1963
19640045501	Kc-135a heavyweight three engine takeoff performance test	1963
19640045502	T-38a category ii performance test	1963
19640045503	Thermal conductivity measurements on mixtures of various organic compounds with water	1963
19640045504	A new method for the paper chromatography of dispersed dyes	1963
19640045505	Behavior of the o.2 - limit with welding connections of aluminum alloys	1963
19640045506	Impulse galvanization - a method of electrically combating pain and promoting blood circulation	1963
19640045508	Advanced flight vehicle self-adaptive flight control system, part 6 final flight test report	1963
19640045511	Superior diet for man in space annual report, oct. 1962-oct. 1963	1963
19640045512	Study on application of nuclear electrical power to manned orbiting space stations. phase 1- feasibility studies and parametric data	1963
19640045514	Station contact times for apollo orbits with variable launch azimuths	1963
19640045516	Initial phases of damage to test specimens in a cavitating venturi as affected by fluid and material properties and cavitation regime	1963
19640045519	Application of p-n junction photodiodes to optical wave, semi-active guidance	1963
19640045520	Effect of acceleration on burning rates of solid propellants	1963
19640045522	Separation of the stabilizers and possible degradation products in plastisol nitrocellulose composite propellant by thin layer chromatography	1963
19640045526	[No Title]	1963
19640045530	Improved insulators for rocket motors 21st quarterly progress report, 1 may - 31 aug. 1966	1963
19640045531	Computer concepts study. vol. 1- introduction final report, jun. 1962- jun. 1963	1963
19640045532	Computer concepts study. volume iii- machine organization analysis final report, jun. 1962 - jun. 1963	1963
19640045535	Secret supplement to sparrow iii missile systems r & d program final report	1963
19640045536	Sandwich rocket motor case program final technical engineering report, 29 jun. 1961 - 31 aug. 1963	1963
19640045537	Effects of spin-rocket characteristics on the flight of honest-john-type rockets	1963
19640045538	Basic radiation effects mechanisms study on electron tubes quarterly progress report no. 5, 1 jun.-31 aug. 1963	1963
19640045544	A survey of vocational and technical training needs in the state of mississippi preliminary report	1963
19640045545	The status of the senior-college science- engineering divisions of mississippi's educational system. one part of a report on mississippi's space-related potential	1963
19640045550	Novel approaches to critical problem areas	1963
19640045551	A pulse technique for evaluation of combustion instability in solid propellant rocket motors	1963
19640045552	Armed services explosives safety board work group to study fragment hazards from large missiles and weapons systems	1963
19640045554	Mass determination of solid propellant rocket motors by resonant frequency technique	1963
19640045555	High rate hydrotest of solid propellant rocket motors	1963
19640045556	A proposed technique for determination of end pressure	1963
19640045557	A comparison between resistance calibration and weight calibration of a rocket engine thrust measuring system	1963
19640045558	The multicomponent test stand, employing fluid bearing supports, for large solid propellant rocket motor static tests	1963
19640045559	Static spin testing of solid propellant rockets	1963
19640045560	Rocket motor testing in the augmented altitude facility at the jet propulsion laboratory	1963
19640045561	High altitude testing of large rocket engines	1963
19640045564	Tvc <thrust vector control> and multicomponent thrust measurements - an analyst's viewpoint	1963
19640045566	Testing problems associated with high acceleration rockets	1963
19640045567	Large motor testing problems	1963
19640045568	Problems of radar attenuation testing in conjunction with static firings	1963
19640045570	A technique for determining effective throat area of small rocket motor nozzles	1963
19640045571	The "char" motor as an accessory test vehicle	1963
19640045574	Optical radiation from missile air flow fields scientific report no. 4	1963
19640045586	Results of wallops island hkm internal heating flight tests	1963
19640045601	Chemical research as related to advanced solid propellants report no. 18, 1 jul. - 30 sep. 1963	1963
19640045612	Airborne range and orbit determination system	1963
19640045613	Basic studies in space vehicle attitude control fifth semi-annual status report, mar. 1962 - sep. 1963	1963
19640045614	Cavitation damage in mercury and water in a cavitating venturi and other components technical report no. 9	1963
19640045615	Pattern recognition research scientific report no. 1	1963
19640045618	T-37c category 11 performance test technical report <14 mar. - 27 apr. 1963>	1963
19640045619	Hybrid computing systems and components	1963
19640045621	A solid-state analog comparator for hybrid analog-digital computers	1963
19640045622	A simple solid-state digital-to-analog converter for hybrid computing systems	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640045623	An interpolation waveform generator for use in hybrid computing systems	1963
19640045624	Analog/hybrid storage and pulse modulation	1963
19640045625	A hybrid/analog-digital one-parameter optimizer	1963
19640045626	Hybrid analog-digital random-noise generation	1963
19640045627	A nonsaturating transistor switch for analog/ hybrid instrumentation and computers	1963
19640045628	Simple integrator input addition of hybrid variables	1963
19640045629	Internal thermal limits of ruby laser performance	1963
19640045630	Single and repeated snatch loading of textile yarns and the influence of temperature on their dynamic mechanical properties	1963
19640045631	Stress-strain relations for some dislocation models	1963
19640045632	'weedram' the westcott electronic digital recording and analysis machines	1963
19640045633	Survey of existing survey literature in the fields of astrophysical, engineering and biomedical instrumentation	1963
19640045634	Stability and dynamic load equations of boost vehicles final report, 15 jul. 1961 - 31 dec. 1963	1963
19640045636	Atlas/centaur combined tanking tests. operations requirements no. 810	1963
19640045639	Gelled high energy oxidizers quarterly technical report no. 3, 25 jul. - 24 oct. 1963	1963
19640045640	Development and testing of advanced high-energy fluorine-containing solid propellants quarterly report, 29 aug. - 29 nov. 1963	1963
19640045641	Pilot plant operations quarterly technical progress report, 1 dec. 1962 - 28 feb. 1963	1963
19640045645	Comparative thermal fatigue tests on nimonic 90 tapered disc specimens with and without internal air cooling	1963
19640045651	Effects of Mass-transfer Cooling on the Static Stability and Dynamic Motions of Slender Entry Vehicles	1963
19640045656	Saturn I Revised Propulsion System Reliability Analysis	1963
19640045659	An approximate steady-state and transient analysis of rectifier circuits having a reservoir capacitor and supplying a resistive load	1963
19640045660	An analogue to digital converter	1963
19640045661	The axial magnetic field of cathode heaters	1963
19640045663	Corrosion fatigue of high strength aluminum alloys as affected by notches, anodic metal coatings, and applied cathodic currents	1963
19640045665	Detailed Test Objectives for Delta Launch Vehicle Spacecraft- Relay A-16	1963
19640045666	Delta Range Safety Trajectory and Aerodynamic Data for the Delta Relay A-16 Spacecraft Mission, Volume I	1963
19640045667	Ultra-low pressure rocket /ulpr/ propulsion system, phase ii final technical report	1963
19640045669	NOVA Launch Facilities Study, Phase II, Part I. Volume II- Engineering Data	1963
19640045670	Evaluation of radioisotope applications in space monthly status letter, 30 sep. - 3 nov. 1963	1963
19640045673	The crystal structure of ammonium tricyanomethide	1963
19640045675	The effect of nucleation of surface slip on the flow and fracture of beryllium quarterly progress report, 22 jul. - 21 oct. 1963	1963
19640045676	Recent developments in perturbation theory	1963
19640045677	Studies of the applicability of terrestrial geophysical data and terrestrial geophysical methods for the investigation of planetary interiors, planetary atmospheres and interplanetary space final report	1963
19640045679	<theoretical and experimental studies in non-linear elasticity, including consideration of shells, beams, and plates<	1963
19640045686	Nasa intracenter microelectronics symposium	1963
19640045687	Nasa headquarters microelectronics program	1963
19640045688	Jet propulsion laboratory microelectronics program	1963
19640045689	Marshall space flight center microminiaturization program	1963
19640045690	Review of langley research center microelectronics program and facilities	1963
19640045691	Goddard space flight center in-house microelectronics program	1963
19640045692	Manned spacecraft center microelectronics facilities and programs	1963
19640045693	Implementing the nasa microelectronics program	1963
19640045694	A review of the application and limitation of microelectronics in nasa space programs	1963
19640045695	Microcircuit reliability	1963
19640045696	The space particulate radiation environment and its effects on microelectronics	1963
19640045697	Microcircuit analog-to-digital converter for slow-scan television data	1963
19640045698	Microelectronic components for satellite-borne telemetry systems	1963
19640045699	Factors determining the design of a microelectronic low level d-c amplifier	1963
19640045700	Development of a six-bit analog-to-digital converter using a combination of semiconductor and thin-film techniques	1963
19640045701	Development of a microelectronic analog-to-digital converter for application in a reentry telemetry system	1963
19640045702	Adapting microelectronics to a static inverter	1963
19640045703	Welded electrical interconnections for microcircuits	1963
19640045704	Single-crystal semiconductor films by microzone melting	1963
19640045705	Experiments and studies of integrated circuits for use in scientific satellites	1963
19640045706	Application of microelectronics to the apollo guidance computer	1963
19640045707	Extravehicular suit telemetry and communications system	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640045708	Integrated circuits for flight applications	1963
19640045709	A microelectronic storage counter for spacecraft instrumentation systems	1963
19640045712	The improvement of production techniques to increase the reliability of diffused silicon controlled switches 1 jul. - 30 sep. 1963	1963
19640045714	Quarterly research review no. 5, 1 apr. - 30 jun. 1963 <investigation into electronic devices, solid state electronics, systems theory and radioscience	1963
19640045715	Plasma thermionic diodes	1963
19640045716	Dc states in plasma diodes	1963
19640045717	Bearing lubrication under severe conditions bimonthly progress report for october-november	1963
19640045718	Effects of nuclear radiation on frequency control devices second quarterly progress report, 1 dec. 1962 - 28 feb. 1963	1963
19640045719	Integrated direct-coupled unipolar transistor logic element final report, 1 jun. 1962 - 30 sep. 1963	1963
19640045720	Tests to determine subsonic pressures, forces and moments acting on a hypersonic re-entry configuration technical documentary report, jun. - jul. 1962	1963
19640045721	Research on thermomechanical analysis of brazed or bonded structural joints final report, 1 apr. 1962 - 1 aug. 1963	1963
19640045722	Tests to determine subsonic aerodynamic characteristics of hypersonic re-entry configurations technical documentary report, jun. - sep. 1962	1963
19640045723	Developing technology to forge unclad beryllium, phase ii interim engineering progress report, 1 dec. 1962 - 30 nov. 1963	1963
19640045724	Target signature study fifth quarterly report, 1 jun. - 31 aug. 1963	1963
19640045725	Investigative study relating to fuel cells progress report no. 11, 1 may - 31 aug. 1963	1963
19640045726	Quartz crystal aging effects quarterly report no. 1, 15 feb. 1963 - 15 may 1963	1963
19640045727	Hot carrier phenomena in semiconductors at microwave frequencies final report, 15 may 1961 - 14 may 1963	1963
19640045728	Design, fabrication and testing of vented, rechargeable silver-cadmium cells first quarterly progress report, 1 jul. - 30 sep. 1963	1963
19640045729	Investigation of methods leading to the determination of the state of charge on nickel-cadmium batteries third quarterly progress report, 1 jul. - 30 sep. 1963	1963
19640045730	Thin layer large area silicon solar cells second quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640045731	Investigation of microwave non-linear effects utilizing ferromagnetic materials fifth quarterly progress report, mar. 17, 1963 - may 16, 1963	1963
19640045732	Microwave and optical masers for mm waves third quarterly report, 1 may 1963 - 31 jul. 1963	1963
19640045733	Dielectric thin films with increased breakdown strength technical report no. 4, dec. 1, 1962 - may 31, 1963	1963
19640045734	Departures from the linear equation for vibrational relaxation in shock waves in oxygen and carbon dioxide	1963
19640045735	Effect of the laminar boundary layer development in a shock tube on spectrum-line reversal temperature measurements	1963
19640045736	Calculation of unsteady generalized airforces on a thin wing oscillating harmonically in subsonic flow	1963
19640045737	Exploration and evaluation of new glasses in fiber form bi-monthly progress report no. 5, 16 oct. - 15 dec. 1963	1963
19640045738	Attitudes of mississippians toward space- related activities - changes necessary and the resistance thereto	1963
19640045739	Determination of solute diffusivity from internal oxidation experiments	1963
19640045740	Adhesion between atomically pure metallic surfaces, part iii semi-annual report, 1 jun. - 30 nov. 1963	1963
19640045742	Mississippi's scientific and engineering manpower personal and professional characteristics	1963
19640045743	Implications for scientific and technical manpower employment in space related activities in mississippi	1963
19640045748	Application aspects of hypervelocity impact - 1963	1963
19640045750	Hypervelocity projectile investigation for multiple thin plate penetration	1963
19640045752	Aimed warhead concepts	1963
19640045753	Hypervelocity impact experiments with complex targets	1963
19640045755	Determination of perforation energies for composite targets	1963
19640045759	Free, a hypervelocity rocket weapon	1963
19640045761	Armour research foundation traveling charge gun	1963
19640045801	Low-speed wind-tunnel tests on the vickers- supermarine n.113 /scimitar/ with blowing over trailing-edge flaps	1963
19640045802	Methods used in setting the 8ft x 8ft wind tunnel variable supersonic nozzles	1963
19640045803	Preparation and properties of fluoroethers and fluoropolymers containing ether linkages- a review	1963
19640045804	Quantum theory of the forced harmonic oscillator	1963
19640045805	Transient congestion in a model of runway utilization	1963
19640045806	Rate of cockpit flooding in a sinking aircraft	1963
19640045813	A study of the effects of motion-compensation errors on azimuth resolution in the high- resolution radar	1963
19640045818	Nozzle evaluation static tests of four tx-306 solid propellant rocket motors - project arpat	1963
19640045823	Absorption of electromagnetic energy by nose cones quarterly technical note, 9 aug.- 8 nov. 1963	1963
19640045824	Research on advanced solid propellants quarterly progress report, 11 sep.-10 dec. 1963	1963
19640045827	Investigation of the low-speed stability and control characteristics of advanced flight vehicles	1963
19640045828	Configurations for high supersonic speeds derived from simple shock-waves and expansions	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640045829	Some stable plasma equilibria in combined mirror-cusp fields	1963
19640045830	Some experiments on the cure of an unsaturated polyester system. part 1. an investigation on the polymerisation kinetics using a restivity technique	1963
19640045831	Pump lubrication and fluid compatability tests on midland silicones ms2522 /g3040/ chlorinated silicone hydraulic fluid	1963
19640045832	Research program to obtain comprehensive design criteria for grade cfw graphite quarterly progress report, 1 sep. - 30 nov., 1963	1963
19640045833	A study of classic applications of power transistors at high and very high frequencies	1963
19640045834	Development of large diameter refractory metal ingots for subsequent working interim engineering progress report, 15 sep. - 15 dec. 1963	1963
19640045835	Cadmium sulfide photoconductors for fallout gamma-radiation meters	1963
19640045836	Development of production methods for high- temperature coating of large tantalum parts interim engineering progress report, 1 sep. - 30 nov. 1963	1963
19640045838	Research and development for three-dimensional welded circuit packaging design requirements final report, 15 jun. 1962 - 14 jun. 1963	1963
19640045839	Ground electronics system for ws-133b /minuteman/	1963
19640045840	Solid state microelectronic systems final report, 20 aug. - 19 aug. 1963	1963
19640045842	Initiate studies of solar cosmic ray emission events, by ionospheric forward scatter observations in the antarctic during the international quiet sun year quarterly progress report no. 9, jul. - sep. 1963	1963
19640045844	Basic studies on dispersion hardening quarterly report no. 2, 12 sep. - 11 dec. 1963	1963
19640045851	Data processing in scientific space probes technical note 5	1963
19640045852	An experimental study of a warm plasma, the condensed hollow cathode discharge. time- resolved self-absorption measurements of a helium afterglow semi-annual report, 1 jun. - 30 nov. 1963	1963
19640045853	Axial flow through the wall-constricted direct- current arc-comparison of theory and experiment	1963
19640045867	Scintillation applications	1963
19640045868	Applications of controllable solid rocket motors	1963
19640045869	Experimental studies for an optical radiation weapon	1963
19640045871	Computer concepts study. volume ii- functional requirements	1963
19640045872	Satellite control facility geodetic data book	1963
19640045874	Exploratory development of the integral dual- thrust rocket motor	1963
19640045875	The performance evaluation of high energy storable propellants for standing-detonation- wave rockets	1963
19640045879	Gas discharge negative ion sources	1963
19640045880	Investigation of the multicomponent propellant concept final summary report, jun. 1961- jun. 1962	1963
19640045888	Development and evaluation of a thin-film heat flux transducer for flight on the saturn vehicles first monthly progress report, 1 apr. - 30 apr. 1963	1963
19640045892	Aerodynamic pitch damping of slowly oscillating pointed bodies of revolution in linearized supersonic flow	1963
19640045901	Flight evaluation procedure for saturn vehicles	1963
19640045902	An aerodynamic analysis of saturn i block i flight test vehicles	1963
19640045909	Dynamic test results of sad-5	1963
19640045910	Operational methods for space vehicle countdown planning	1963
19640045911	Orbital launch error analysis and development of a star sensing system suitable for inertial platform alignment, volume i summary report	1963
19640045916	156-inch diameter motor jet tab tvc program, volume ii quarterly technical note, 1 sep.-30 nov. 1963	1963
19640045926	A simple mass flow meter for use in artillery rocket zoning	1963
19640045927	High current density positive ion sources final report	1963
19640045928	Static aerodynamic characteristics of a typhon lr missile-booster model at transonic speeds	1963
19640045933	Analytic and experimental investigation of coated metal fabric expandable structures for aerospace applications	1963
19640045934	Sampled-data adaptive flight control system	1963
19640045935	Quartz lamp radiation heat brazing of large refractory metal honeycomb sandwich panels interim engineering progress report, 10 jun. - 10 oct. 1963	1963
19640045936	Evaporated thin-film devices final report, 1 jun. 1962 - 30 sep. 1963	1963
19640045938	Narf final progress report, 1 oct. 1962 - 30 sep. 1963	1963
19640045940	Synthesis of new oxidizers for solid propellants annual technical summary report 1 jul. - sep. 1963	1963
19640045946	Multidisciplinary ceramic materials research semiannual status report no. 1, jun. 1 - 30 nov. 1963	1963
19640045949	Project mercury nasa/msc flight controller handbook - spacecraft 20	1963
19640045950	F-16 q-ball data reduction technique and angle of attack evaluation on saturn sa-4	1963
19640045953	Model f-8e airplanes. flight test summary report, 31 oct. 1963	1963
19640045954	Special techniques for measuring material properties progress report no. 1	1963
19640045955	Research and development for three-dimensional welded circuit packaging design requirements final report, 15 jun. 1962 - 14 jun. 1963	1963
19640045957	Investigation of fire extinguishing agents for supersonic transport final report, jun. 1962 - aug. 1963	1963
19640045958	The hci-catalyzed reaction of hydrocarbons with active nitrogen	1963
19640045964	Safety requirements for manned space chambers preliminary release no. 2	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640045966	Research investigations leading to the development and evaluation of a cadmium - silver oxide battery having a hermetically sealed construction report no. 11 /third quarterly progress report, 1 jan. - 31 mar. 1963/	1963
19640045967	A feasibility study of a crash-fire prevention system for the supersonic commercial transport <final report<	1963
19640045977	A polyurethane propellant for use in a special chemical munition	1963
19640045978	Feasibility development of variable demand liquid propellant gas generator	1963
19640045980	Organizational changes	1963
19640045984	Delta lunar satellite mission feasibility study	1963
19640045987	Further investigation of a relation for cumulative fatigue damage in bending	1963
19640045998	Feasibility of optical semi-active homing for maw	1963
19640046000	Atlas/centaur hydrogen venting study. appendix e- ac-2 trajectories final report	1963
19640046010	Coherent generation of light by chemical reactions interim technical report	1963
19640046011	Distributed junction tunnel diode oscillator, phase ii report no. 4, /final report, 1 may 1962-26 jul. 1963/	1963
19640046012	Exothermic joining in vacuum <quarterly progress report no. 3< 1 jun.-31 aug. 1963	1963
19640046016	Examination of base stocks and fluid formulations for use as high temperature gas turbine lubricants technical documentary report, 1 sep. 1962-15 may 1963	1963
19640046017	Research on solid state motion transducers report, feb. 1962 - feb. 1963	1963
19640046018	Impregnants for expandable rigidizable aerospace structures	1963
19640046019	Epitaxial film growth interim engineering progress report no. 3, 10 mar. - 9 jun. 1963	1963
19640046020	Research on millimeter-wave tubes interim engineering report no. 3, 1 oct. - 31 dec. 1963	1963
19640046021	A study of transistor blocking oscillators as nanosecond pulse generators	1963
19640046022	A thin-film, nickel oxide switch	1963
19640046024	Measurement and in-process control of small bores interim engineering progress report, 1 jul. - 30 sep. 1963	1963
19640046063	General purpose satellite computer program descriptions milestone 11, 5-level paper tape data read /pt/	1963
19640046064	Experimental study on the dynamics and structure of the upper atmosphere combined quarterly progress reports, 1 may-31 oct. 1963	1963
19640046065	Note on a method of measuring skin friction	1963
19640046066	A note on the nature of one type of control surface buzz	1963
19640046068	Structural flight loads data from f-106a aircraft final report, 1 aug. 1961-1 apr. 1963	1963
19640046069	Evaluation of flexible tubing corp. part no. ft 3565 duct for use with gas turbine compressors final phase rr report	1963
19640046070	A circuit and noise model of the field-effect transistor	1963
19640046072	Controlled ablation - a drag-modulation technique to reduce ballistic-vehicle deceleration loads during re-entry	1963
19640046073	Electrical ionization phenomenon in gold-doped silicon	1963
19640046074	Graphical data processing research study and experimental investigation quarterly progress report 11, 1 dec. 1962-28 feb. 1963	1963
19640046081	Conditions affecting the early thymineless death occurring after ultraviolet irradiation of escherichia coli b3	1963
19640046085	Deep pocket milling of aluminum alloy using electrochemical or other process final report, 13 feb. 1962-13 may 1963	1963
19640046090	Development of manufacturing processes for reinforced plastic solid propellant rocket nozzles interim engineering progress report, 1 may - 15 oct. 1963	1963
19640046091	A survey of light gas gun development in the united states	1963
19640046092	Aircraft protection from thunderstorm electromagnetic effects. part iii- fuel vents-special effects	1963
19640046094	Physical metallurgy of tungsten and tungsten base alloys fifth quarterly progress report, 1 aug. - 31 oct. 1963	1963
19640046095	Quarterly bulletin of the division of mechanical engineering and the national aeronautical establishment, 1 july to 30 september 1963	1963
19640046096	The design study of a pressure control system for a 5-foot by 5-foot blowdown wind tunnel	1963
19640046097	International conference on wind effects on buildings and structures, june 1963 - some notes	1963
19640046098	A survey magnetometer with digital output	1963
19640046099	Arrangements for supersonic calibration of the n.a.e. 5-foot blowdown wind tunnel	1963
19640046100	An inexpensive, readily available, fast acting detonator	1963
19640046101	The metabolism of hormonal steroids and of epinephrine by immature chimpanzees	1963
19640046109	Investigation of mechanical properties of chromium, chromium-rhenium, and derived alloys twelfth and thirteenth quarterly progress report, 1 dec. - 31 may 1963	1963
19640046129	Investigation of the superhydrides of the transition metals quarterly report no. 2, 16 aug. - 15 nov. 1963	1963
19640046130	Boron reinforcements for structural composites summary report no. 2, 15 dec. 1961 - 1 nov. 1962	1963
19640046133	Some distributions of satellite-tracking station data	1963
19640046134	Radomes, part 2, 15th reference bibliography, 1952 - oct. 1962	1963
19640046135	Jet engine control representation study final report, jul. 1962 jun. 1963	1963
19640046137	Shock, vibration and associated environments. protective construction, part iii	1963
19640046142	Research investigation of the spectral transmissivities of transparent materials quarterly status report no. 2, 24 sep. - 23 dec. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640046144	Meteorological data report- aerobee nasa 4.31 gg	1963
19640046146	A Study of Manned Locomotion and Protection Systems for Moon, Mars, and Venus	1963
19640046147	An analysis of the value of a lunar logistic system. part i- an operations research study of a strategy for locating lunar landing sites	1963
19640046148	An analysis of the value of a lunar logistic system. part ii- the scientific exploitation of the moon	1963
19640046149	An analysis of the value of a lunar logistic system. part iii- lunar logistic system operational plans	1963
19640046154	Technical problems associated with commercial communication satellites. part c- interference to optical astronomy from earth satellites final report	1963
19640046155	The absence of an aqueous morphology on mars and some geologic consequences	1963
19640046156	Facility requirements for stage assembly and maintenance building, nrds, nevada	1963
19640046160	Transactions of the eighth symposium on ballistic missile and space technology, volume i	1963
19640046161	The teleology of military research and development	1963
19640046162	Tank outlet design for non-newtonian fluids	1963
19640046163	A method for estimating missile propulsion performance from flight data	1963
19640046164	Gimbaling of rocket engines by means of flexures	1963
19640046165	Effects of various types of flow separation on launch vehicle dynamics	1963
19640046166	An integrated program for procurement of high reliability electronic parts	1963
19640046167	Titan iii man-rating considerations and malfunction-sensing	1963
19640046168	Malfunction protection in the gemini launch vehicle	1963
19640046169	Mercury/atlas launch vehicle pilot safety program history, recommendations, and conclusions	1963
19640046171	Refractory metal sandwich structures for aerospace applications	1963
19640046172	Elastomeric shield materials - esm 1000	1963
19640046173	Heat transfer and thermal exposure studies of resin-impregnated zirconia foam	1963
19640046174	Pyrolytic graphite - a status report	1963
19640046175	Development of a 30 kw three-phase ac arc jet propulsion system quarterly progress report no. 3, aug. 1 - oct. 31, 1963	1963
19640046176	Delta monthly technical progress report, issue no. 56	1963
19640046178	Research on rheologic and thermodynamic properties of solid and slush hydrogen quarterly report no. 2, 16 sep. - 15 dec. 1963	1963
19640046179	Powered torso harness- mechanical system and human tolerance evaluation	1963
19640046181	Shielded ceramic composite structure interim engineering progress report, 1 sep. - 30 nov. 1963	1963
19640046182	A study of photographic contrast attenuation by the atmosphere	1963
19640046183	High temperature solar absorber coatings part i <final report, 1 may 1962 - 1 jun. 1963>	1963
19640046184	Measurement and in-process control of small bores interim engineering progress report, 1 oct.-31 dec. 1963	1963
19640046185	Computer reliability study, volume ii technical report, oct. 1962 - sep. 1963	1963
19640046189	Technical problems associated with commercial communication satellites. part d- a multiple-access method for a satellite system with no control center or control channel final report	1963
19640046190	Interaction energies, charge exchange cross sections and diffusion cross sections for n-plus-n and o-plus-o collisions	1963
19640046191	Studies of lunar soil mechanics second quarterly progress report, 15 sep. - 15 dec. 1963	1963
19640046193	Technical problems associated with commercial communication satellites. part b- modulation selection for commercial communication satellite systems final report	1963
19640046197	Technical problems associated with commercial communication satellites. part a- time delay and echo suppression final report	1963
19640046200	Centaur. the variable-boundry transient heat conduction program	1963
19640046201	Third reliability assessment for the orbiting geophysical observatories	1963
19640046202	Performance of boiling and condensing equipment under simulated outer space conditions	1963
19640046207	Practical consequences of liquid propellant slosh characteristics derived by nomographic methods	1963
19640046210	X-20a /dyna-soar/ primary guidance subsystem reliability detailed system analysis	1963
19640046212	Delta semi-annual technical progress report issue no. 9, may-oct. 1963	1963
19640046218	Surface ionization negative ion source final progress report	1963
19640046221	Project hawk. interim technical report no. 43, july - september 1963	1963
19640046223	Radiation activation of para-ortho hydrogen catalysts	1963
19640046225	Superresolution studies, phase ii second technical note	1963
19640046231	Mechanization considerations for correlation computer	1963
19640046232	A kinetic evaluation of the thermal decomposition of metal hydrides i, a comparison of experimental methods for evaluation of the decomposition of alanes	1963
19640046233	Point defects in non-metallic solids. basic science section, british ceramic society, 14- 16 october 1963, leamington spa, england technical report	1963
19640046234	Fluid mechanics studies at the technische hochschule, karlsruhe <w. germany> technical report	1963
19640046241	Thermal arc jet research final report, jun. 1962 - jun. 1963	1963
19640046242	Advanced solid propellant research annual report	1963
19640046247	The weight potential of the air turborocket booster	1963
19640046248	An/fps-85 space track radar, volume i second quarterly report, 1 jan. - 31 mar. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640046249	An/fps-85 space track radar, volume ii second quarterly report, 1 jan. - 31 mar. 1963	1963
19640046252	Design and demonstration of unique methods of nonhazardous thrust termination of large solid boosters in a launch environment, phase i final report, 1 jul. - 31 oct. 1963	1963
19640046259	An experimental investigation of gas-driven underwater sound devices	1963
19640046260	The need and means for self-repairing circuits <interim< technical report	1963
19640046261	Improved measurement techniques for spectral power output data final report	1963
19640046262	Navy thermionic diode program quarterly report no. 1	1963
19640046263	Linear clouds in the martian atmosphere	1963
19640046266	Biochemical study of mixed culture prototype in a closed ecological system progress report no. vii, jul. - 31 dec. 1963	1963
19640046267	<detection and study of microorganisms in the upper atmospheres< progress report, 3 apr - 1 oct. 1963	1963
19640046271	Vaporization and thermionic emission of refractory materials ninth status report, 1 jul. - 30 nov. 1963	1963
19640046274	Study of viability of microorganisms in simulated space quarterly status report, 1 aug. - 31 oct. 1963	1963
19640046277	A Survey of Free Trajectories Between the Earth and Moon with Determination of Field Properties <Eine Uebersicht Ueber Freiflugbahnen Zwischen Erde Und Mond Mit Herausstellung Charakteristischer Feldeigenschaften<	1963
19640046278	Fixed frequency topside sounder s-48	1963
19640046279	Preparation and activities plan for ma-9. postlaunch memorandum report	1963
19640046282	Research relevant to meteorological satellites, in advanced measuring techniques of high altitude and surface phenomena second quarterly status report, 1 may - 31 jul. 1963	1963
19640046285	Nonequilibrium gasdynamics related to propulsion systems quarterly report, period ending 31 dec. 1963	1963
19640046286	Two stage potassium test turbine quarterly progress report no. 10, 8 aug. - 8 nov. 1963	1963
19640046288	A study of systems for space propulsion quarterly progress report no. 11, 1 aug. - 31 oct. 1963	1963
19640046291	Non-linear control system analysis of r & d atlas/centaur /ac-3/	1963
19640046292	A kirchhoff thin shell theory	1963
19640046293	<research in theoretical chemistry, particularly in molecular quantum and statistical mechanics< semi-annual report no. 3, 1 jul. - 31 dec. 1963	1963
19640046299	Gemini Spacecraft Study for MORL Ferry Mission First Progress Report <13 Jun. 1963-1 Jul. 1963<	1963
19640046301	Gemini Spacecraft Study for MORL Ferry Missions Third Progress Report <1 - 31 Aug. 1963<	1963
19640046302	Electron spin resonance studies with superconducting magnets. the spectrum of dysprosium super 3-plus and samarium super 3-plus in calcium fluoride	1963
19640046303	A quarterly report on progress at the jicamarca radar observatory, lima, peru, during the period 1 september 1963 through 31 december 1963	1963
19640046313	OART Program- Supporting Research, Part I Semi-Annual Progress Report, 1 Jul. 1962 - 1 Jan. 1963	1963
19640046314	Medium Space Vehicles Programs Monthly Progress Report, October 1963	1963
19640046315	Medium Space Vehicles Programs Monthly Progress Report, November 1963	1963
19640046316	Reusable ground launch vehicle study. 100-ton orbital payload /based on advanced saturn hardware/, volume iii /of three/ condensed summary report	1963
19640046320	RL10A-3-1 Model Specification No. 2272D, Revision 1	1963
19640046321	RL10 Rocket Engine Monthly Technical Report, 1 Sep. - 1 Oct. 1963	1963
19640046323	The effect of nuclear radiations on explosive solids technical report for second and third quarters, 1 apr. - 1 jul. 1963	1963
19640046333	Manufacturing methods for high energy metal hydrides interim technical progress report no. 2, 1 oct. - 31 dec. 1963	1963
19640046334	Chemistry research quarterly progress report, jul. - sep. 1963	1963
19640046338	Negative ion beam neutralization final technical report	1963
19640046342	Pressurization expansion of the x254a1 spiralloy chamber	1963
19640046345	Surface ionization studies final report <18 dec. 1961 - 18 feb. 1963<	1963
19640046358	Reusable Ground Launch Vehicle Study. 100-ton Orbital Payload (Based on Advanced Saturn Hardware) Volume I (of Three) Final Report	1963
19640046359	Reusable Ground Launch Vehicle Study. 100-ton Payload (Based on Advanced Saturn Hardware), Volume II (of Three) Summary of Final Report	1963
19640046370	Research on high energy oxidizers for advanced solid rocket propellants quarterly progress report, oct. - dec. 1963	1963
19640046382	Follow-on investigation of a steady state hall current accelerator second quarterly progress report, 1 sep. 1963 - dec. 1963	1963
19640046383	Synthesis and evaluation of new polymers prepared by stereospecific catalysis final report	1963
19640046384	Design and manufacturing development of lightweight heat exchangers interim technical progress report, 1 jan. - 31 mar. <1963<	1963
19640046385	A review of magnetic crystal anisotropy	1963
19640046386	Feasibility of simulating thermal environments for meaningful evaluation of ablating materials quarterly progress report no. 2, 1 aug. - 31 oct. 1963	1963
19640046387	Argosy c. mk. i xn.815 semi-prepared strip trials, september 1962 - february 1963	1963
19640046389	Microwave and optical masers for mm waves first quarterly report, 1 nov. 1962 - 31 jan. 1963	1963
19640046414	Electronic and nuclear paramagnetism and energy transfer mechanisms in crystalline solids final report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640046415	Dynamic polarization of sodium-23 in sodium chloride	1963
19640046416	Instrumentation	1963
19640046417	Resonance experiments	1963
19640046418	Preparation and investigation of various samples suitable for dmr /double magnetic resonance/	1963
19640046422	On the variability in the activity of the photosynthetic mechanisms	1963
19640046423	Buffering activity of algal cells and its effect on cell division	1963
19640046425	Strength properties of reinforced plastic laminates at elevated temperatures /harmco 534 resin and 181-a1100 glass fabric/	1963
19640046439	The effect of sound on a jet	1963
19640046440	Angular velocity regulation with a pure fluid system	1963
19640046441	Changes of mean pressure and velocity in a gas due to acoustic wave propagation	1963
19640046442	Xc-142a vtol transport program monthly progress report no. 20, aug. 1963	1963
19640046446	Development of a Coaxial Plasma Gun for Space Propulsion	1963
19640046447	Photogrammetric data reduction analysis. general photogrammetric adjustment	1963
19640046448	Advanced flight vehicle adaptive flight control system. part vii- final report on study, development, and test of the mh-96 system for the x-15 final report, jun. 1959 - dec. 1962	1963
19640046452	Instructions for the use of the o.p.l. optical divider. table of divisions from 2 to 200	1963
19640046453	Paroxysmal auricular fibrillation <la fibrillation auriculaire paroxystique<	1963
19640046454	Paroxysmal tachycardia its clinical evaluation <taquiarritmias paroxisticas, su valoracion clinica<	1963
19640046460	The intracardiac pathological mechanism of paroxysmal tachycardia and auricular fibrillation <der intrakardiale pathomechanismus der paraxysmalen vorhoffimmerns<	1963
19640046461	Artificial satellites and interplanetary flights <satellites artificiales y vuelo interplanetarios<	1963
19640046463	A simple method of calculating the flow produced in an annular electric arc heater	1963
19640046464	Observations of the optically thin scattering layer in the atmosphere of venus	1963
19640046465	Absorption spectrum and intensity effects of barium in solid argon at 4 deg. k	1963
19640046467	Crash injury evaluation. dynamic test of an experimental troop seat installation in an h-21 helicopter	1963
19640046468	Applied research in thin-film field emission tubes first quarterly progress report, 1 oct. 1962 - 1 jan. 1963	1963
19640046469	Film deposition using accelerated ions progress report, dec. 1962 - oct. 1963	1963
19640046470	Ion exchange membrane fuel cell final technical report, october 1, 1962 - september 30, 1963	1963
19640046471	Ion exchange membrane fuel cell second semi- annual technical report, january 1, 1963 - june 30, 1963	1963
19640046477	Advanced oxidizer research. combined report, projects 076, 5007, 5017, and 5031	1963
19640046478	Difluoramine chemistry rmd project 076 report, 1 apr. - 30 jun. 1963	1963
19640046479	Synthesis of compounds for structure- sensitivity study rmd project 5007 rept. 1 apr. - 30 jun. 1963	1963
19640046480	Stabilization of high energy solid oxidizer rmd project 5017 report, 1 apr. - 30 jun. 1963	1963
19640046481	Inorganic chemistry of the oxygen subfluorides rmd project 5009 report, 1 apr.-30 jun. 1963	1963
19640046482	Investigation of chemistry of nitrogen fluoride and nitrogen oxyfluoride rmd project 5031 report, 1 mar. 1963-30 jun. 1963	1963
19640046488	Development of a pure fluid missile control system	1963
19640046490	Propulsion laboratory technical status report, 1 jul. - 30 sep. 1963	1963
19640046497	Unsteady response of a shock layer to em waves final report <1 dec. 1962-30 apr. 1963<	1963
19640046508	Determination of transistor figure-of-merit for radiation effects report no. 4 /final/ 1 jun. 1962 - 7 sep. 1963	1963
19640046509	Printed circuit connectors for microassemblies first quarter progress report, 1 feb. - 1 may 1963	1963
19640046512	Printed circuit connectors for microassemblies second quarter progress report, 1 may - 1 aug. 1963	1963
19640046513	The effects of the aurora on radio-wave propagation final report	1963
19640046515	Diffusion bonding of refractory metals interim technical documentary progress report 5, 29 jun. - 28 sep. 1963	1963
19640046519	Infrared camera tube development final report	1963
19640046522	Phase measurement/display subsystem for the apollo re-entry tracking system	1963
19640046525	Evaluation of the lockheed missiles and space company exploding bridgewire equipment for the rift nuclear environment	1963
19640046529	Switch modulation techniques- the ac to dc power transformation by switch modulation and passive filters report no. 4 /first quarterly progress/, 1 jul.-30 sep. 1963	1963
19640046531	Calculation of the magnetic field	1963
19640046532	The cosmic ray anisotropy	1963
19640046533	Continuous microwave magnetic accelerator ist quarterly progress report, 8 aug. - 7 nov. 1963	1963
19640046535	Elastic behavior of sandwich shells	1963
19640046536	Development of a reinforced carbonaceous and ablative composite for entry heat protection of manned spacecraft technical report, <jun. 1962-jul. 1963<	1963
19640046537	Development of ibm aft heat shield routine, lvvzo5	1963
19640046538	Observations of a case of transient flutter, atrial fibrillation and atri-ventricular dissociation after exertion <osservazioni su di un caso di fugace flutter, fibrillazione atriale e dissociazione atrio-ventricolare dupo sforzo<	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640046539	Participation of the german federal postal service in the experiments in message transmission via artificial earth satellites <beteiligung der deutschen bundespost an den versuchen zur nachrichtenerubertragung mit hilfe kunstlicher erdsatelliten<	1963
19640046540	The motion and shape of structures in the tail of the mrkos comet 1957 d <die bewegung und form von strukturen im schweif des kometen mrkos 1957 d<	1963
19640046546	Rift radiation effects program. irradiations no. 1 and 2- cryogenic insulation materials	1963
19640046547	Nine-foot tank program safety plan	1963
19640046548	Rift thermodynamics scaling law studies	1963
19640046552	Rift presentation for mechanical design integration meeting, marshall space flight center	1963
19640046556	Research on the recovery and guided landing of a reusable sounding rocket <untersuchung uber bergung und gezielte ruckfuhrung einer wiederholt einsetzbaren hohenforschungsrakete<	1963
19640046557	Design studies on high-energy third stages for the european launch vehicle <entwurfsstudien uber hochenergetische drittstufen fur die eldo-tragerrakete<	1963
19640046558	Design problems for a one-stage transporter <probleme bei der verwirklichung eines einstufigen raumtransporters<	1963
19640046559	The german artificial earth satellite project <project eines deutschen satelliten<	1963
19640046574	[No Title]	1963
19640046575	Research and development on high-energy propellants from nitrogen-rich binders <quarterly technical summary report no. 6, 16 aug. - 15 nov.>	1963
19640046585	Results of an experimental program to study the pumpability of slush hydrogen	1963
19640046589	Theoretical and experimental investigation of arc jet engine nozzle flow final topical report <1 jul. 1962 - 27 jun. 1963<	1963
19640046590	The growth of a thermal boundry layer in the absence of wall shearing stress, appendix a	1963
19640046591	Introduction of the thermal boundary layer into the discharge column calculation, appendix b	1963
19640046592	Uncoupling of mhd equations, appendix c	1963
19640046593	Recombination and dissociation coefficients of hydrogen, appendix d	1963
19640046594	Calculation of the total turbulent shear force and heat transfer in a conically nozzled arc jet engine, appendix e	1963
19640046595	Plasma corrections to hydrogen balmer line emission intensities, appendix f	1963
19640046596	Printed circuit connectors for microassemblies third quarterly progress report, 1 aug. - 1 nov. 1963	1963
19640046597	Carrier lifetimes and photoconductive effects	1963
19640046598	Study of geophysical observations using s-57 final report	1963
19640046599	Spontaneous periodicity in man with the exclusion of all time indicators <spontanperiodik des menschen bei ausschluss aller zeitgeber<	1963
19640046605	Study of effect of high-intensity pulsed nuclear radiation on electronic parts and materials /score/ third quarterly progress report, 1 aug. - 31 oct. 1963	1963
19640046609	Development of stable resonator materials final report, 15 feb. 1962 - 14 feb. 1963	1963
19640046610	Quasi-coherent electro-optical communications system	1963
19640046611	Radio-inertial guidance simulator	1963
19640046619	Design of Propellant Gas Valves Summary Report as of Aug. 1, 1962	1963
19640046621	Development of an ion rocket engine system for attitude control and station keeping quarterly progress report no. 2	1963
19640046622	Electrical insulators for very high temperatures quarterly report no. 1, sep. 1 - nov. 30, 1963	1963
19640046626	Operational test and evaluation of the an/gsn-11 /volscan/ final report	1963
19640046628	Stability and wind response analysis of atlas centaur	1963
19640046629	Two-stage potassium test turbine. volume i - materials support topical report, may 8, 1961 - may 8, 1963	1963
19640046633	Program 706, task 5. guidance- tasks 5.1.2.4.7.1 & 5.1.2.4.7.2 short range station keeping studies, volume i final report	1963
19640046634	Program 706, task 5. guidance- task 5.1.2.4.3 passive ranging final report	1963
19640046635	Program 706, Task 5. Guidance- Task 5.1.2.7.2 Sizing Study for Alternate Boosters Final Report	1963
19640046636	Program 706, Task 5. Guidance- Task 5.1.2.7.1 Guidance with Alternate Boosters Final Report	1963
19640046642	Effects of purified lipid fractions from human platelets on the blood coagulation process	1963
19640046645	Laminar mixing and heat transfer phenomena between a partially ionized gas and a gaseous coolant interim report, 1 oct. 1962 - 30 sep 1963	1963
19640046646	Investigation of techniques for predicting the development cost and development time of automatic flight control systems interim report, nov. 1961 - jul. 1962	1963
19640046647	Long lived electromagnetic relays 15 jan. - 15 apr. 1963	1963
19640046648	Long lived electromagnetic relays 15 apr. - 15 jul. 1963	1963
19640046649	Long lived electromagnetic relays 15 jul. - 15 oct. 1963	1963
19640046652	Growth, including reproduction and morphological development	1963
19640046653	Attempts to improve the thermal stability of viton vulcanisates	1963
19640046656	Initial concept of lunar exploration systems for apollo. volume 2, systems considerations final report	1963
19640046657	Initial concept of lunar exploration systems for apollo. volume iii, part 1- subsystem analysis and module configuration final report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640046658	Initial concept of lunar exploration systems for apollo. volume iii, part 2- subsystem analysis and module configuration final report	1963
19640046660	Solar-geophysical data. descriptive text and index for crpl-f, part b	1963
19640046661	Evaluation of the an/avn 1 astro navigational set	1963
19640046663	Description of model and test rig for flap blowing tests with slipstream in the 24 foot wind tunnel	1963
19640046664	Temperature stable fluids and lubricants. ix - sym-bis /3-hydroxy-2,2-dimethylpropyl/ tetramethyldisiloxane	1963
19640046665	The semi-micro determination of silicon and phosphorus in fluorinated organic materials	1963
19640046666	The upper atmosphere	1963
19640046668	Considerations on kinetic heating simulation through skin temperature control	1963
19640046670	Arpa solid propellant research program final progress report, apr. 1962 - jun. 1963	1963
19640046672	Compounds of ferric iron with adenosine triphosphate and other nucleoside phosphates	1963
19640046673	Some effects of morphine and amphetamine on intellectual functions and mood	1963
19640046677	Air-density explorer satellite /s-56b/. nasa-gsfc operations plan 14-63	1963
19640046680	Prediction of saturn sa-2 response to turbulence	1963
19640046681	14th meeting of the international committee for electrochemical thermodynamics and kinetics /citce/, moscow, 19-24 august 1963 technical report	1963
19640046682	Striplap method of rocket motor case fabrication interim technical engineering report, 7 sep. - 6 dec. 1963	1963
19640046684	Experimental static longitudinal stability and drag characteristics of the saturn ib launch vehicle with generalized payload nose shroud	1963
19640046704	Monthly project progress report, month ending december 15, 1963, including tentative schedule of operation for the test facilities	1963
19640046706	Autolanding flight performance measurements of the f.a.a. dc-7 aircraft at b.l.e.u. bedford	1963
19640046707	An automatic level controller for liquid nitrogen cooled vapour traps	1963
19640046708	Weight and power analysis of aircraft fuel pumping systems	1963
19640046710	Error analysis of resolver chains for saturn control systems involving inertial platform	1963
19640046712	Data acquisition requirements document for saturn j vehicle sa-6	1963
19640046713	Development and evaluation of a thin-film heat flux transducer for flight on the saturn vehicles second monthly progress report, 1 may - 31 may 1963	1963
19640046717	Research study for increasing the sensitivity of photemitters quarterly technical report no. 8, 1 oct. - 31 dec. 1963	1963
19640046718	Heat transfer between worked surfaces	1963
19640046721	Multipurpose infrared detector for propellants final report, 15 may - 1 oct. 1962	1963
19640046722	Interim wind measurement system at launch complex 34 saturn vehicles sa-1, sa-2, and sa-3	1963
19640046723	Lightning protection for saturn launch complex 39	1963
19640046724	Technical progress report, 13 oct. - 12 nov. 1963 <saturn facilities development<	1963
19640046725	Thermodynamic and normal shock properties of the inert gases in ionization equilibrium	1963
19640046727	Apollo command module access arm saturn i and ib launch complex 34 preliminary engineering report	1963
19640046728	Engine servicing equipment for saturn i vehicles at launch complexes 34 and 37	1963
19640046729	A study to develop necessary design data for integration of thermal energy storage and thermionic converter devices interim status report, mar. - jul. 1963	1963
19640046730	Thin-film large area photovoltaic solar energy converter fourth quarterly report, 1 jul. - 30 sep. 1963	1963
19640046731	Tail service mast preliminary design report	1963
19640046732	Ac-2 tiger team report	1963
19640046737	Flames supported by perchloric acid. part i- premixed flames with methane	1963
19640046738	Rift <thirteenth< monthly technical progress report, jul. 1963	1963
19640046739	Dimerisation and trimerisation of 2, 4- tolylene di-isocyanate	1963
19640046741	Supersonic transport acoustic instrumentation of the xb-70a	1963
19640046742	The theory and the calculations of the behavior of self-aligning rockets	1963
19640046743	An investigation of the coefficients of friction and wear properties of cermet material proposed for the x-20a nose gear skid	1963
19640046747	Passive v/h sensor final report, apr. 1962 - oct. 1963	1963
19640046749	Theory, development and test of a crash fire- inerting system for reciprocating engine helicopters	1963
19640046750	Progress report, technical <space program facilities development, july 13, 1963 through august 12, 1963<	1963
19640046751	Development of gas bearing gyroscope, phase i final technical report	1963
19640046752	Positive expulsion of cryogenic liquids research study, jun. 1962 - jun. 1963	1963
19640046755	Analytical and experimental investigation of advanced air-breathing engines mid-term technical report, 1 jul. 1962 - 31 dec. 1962	1963
19640046759	An investigation of burning rate catalysts for high energy smokeless nitrocellulose plastisol rocket propellants	1963
19640046760	Proceeding of the sixth united states navy symposium on aeroballistics	1963
19640046761	Bomb stability and dispersion	1963
19640046762	Aerodynamic heating of swept-leading edges	1963
19640046763	Development of cooling systems for high performance missiles	1963
19640046764	Flight test corroboration of an analytical model for the thermo physical behavior of char-forming organic polymers	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640046765	Flow separation studies of subsonic combustion ramjet inlets at high angle of attack	1963
19640046766	Comparison of flutter results using piston theory and measured static pressure distribution aerodynamics for a supersonic missile	1963
19640046777	Tank drainage for thixotropic propellants first quarterly progress report, 1 jul.- 30 oct. 1963	1963
19640046782	Effect of mechanical strain on the burning rate of ejc, second-stage polaris a3, propellant	1963
19640046783	Coherent stream injection and its application to standing detonation wave and hybrid rocket engines	1963
19640046788	Ballistocardiogram of the Normal Dog (El Balistocardiograma en el Perro Normal)	1963
19640046790	A telecommunications link network by stationary satellite <un reseau d'interconnexion de telecommunications par satellite stationaire<	1963
19640046796	Mass selection in tubes moving in a rarefied gas <massovaya seleksiva v trubkakh dvizhushchikhsya v razrezhenom gaze<	1963
19640046810	Molecular evolution in photobiological systems, including a search for catalysts and catalytic activity in the intermediate systems which form during the syntheses of low molecular weight organic compound semi-annual status report no. 4, 1 jun.-30 nov. 1963	1963
19640046812	Assessment of the physiologic effects of sustained /30 to 90 day/ space flight- experimental design	1963
19640046813	Research on thin film tunnel cathodes recombination cathodes and similar cold cathodes second quarterly progress report, 1 mar.-30 may 1963	1963
19640046815	A theoretical investigation of errors of a hyperbolic position fixing and navigation system /pfns/ due to changes in the atmospheric refractive index	1963
19640046816	Study of surface properties of atomically- clean metals and semiconductors examination of /0001/ surfaces of cadmium sulfide by means of low-energy electron diffraction third quarterly progress report, 1 mar.-31 may 1963	1963
19640046818	Localization of sound. part 3- a new theory of human audition	1963
19640046821	Fracture of molybdenum technical documentary report, jun. 1962 - jun. 1963	1963
19640046841	Solid propellant ignition studies third quarterly progress report	1963
19640046842	Literature survey of nitrogen-fluorine chemistry	1963
19640046848	Development of high-temperature materials for rocket nozzles and associated structures first quarterly report, 1 sep. - 31 dec. 1963	1963
19640046849	Development of High Performance Pelletized Propellant Final Report, 27 Jul. 1962 - 1 Apr. 1963	1963
19640046851	Communications satellite systems- a computer model and related analysis. volume i- synopsis	1963
19640046853	Communications Satellite Systems- A Computer Model and Related Analysis. Volume III- Ground Stations Political Potentials and Implications	1963
19640046854	Communications satellite systems- a computer model and related analysis. volume iv- programming and operating documentation	1963
19640046855	Acceptance Firing of Saturn Flight Stage S-1-6	1963
19640046856	A Nominal Free-Return Apollo Trajectory	1963
19640046857	Gemini Program Management Report	1963
19640046858	Localization, by the brain slicing method, of the level or levels of the cephalic brainstem upon which effective heat dissipation is dependent	1963
19640046860	Oxide semiconductor materials and device research eighth quarterly progress report, 18 aug.-17 nov. 1963	1963
19640046861	Amr meteorological	1963
19640046863	Integration of orbital display and energy management functions in the flight data system final report, nov. 1961 - apr. 1963	1963
19640046864	Effects of deformation in the metastable austenitic condition on the properties of high-strength steel forgings <final report<	1963
19640046865	Low temperature battery /new magnesium anode structure/ second semiannual report, 1 apr. - 30 sep. 1963	1963
19640046866	Methods for predicting system performance	1963
19640046867	Research studies of high-density plasmas seventh quarterly progress report, 15 mar. - 15 jun. 1963	1963
19640046869	Development of large diameter refractory metal ingots for subsequent working interim engineering progress and phase i final report, 15 jun. - 15 sep. 1963	1963
19640046872	Research on organic depolarizers ninth quarterly progress report, 1 jul. 1963 - 30 sep. 1963	1963
19640046873	Research on an image intensifier design philosophy	1963
19640046874	Vaporizing and endothermic fuels for advanced engine application quarterly progress report no. 2, sep. - nov. 1963	1963
19640046877	Modification of asr-4 radar indicator to provide bright display of radar, beacon, alpha-numeric and symbolic data interim report	1963
19640046878	Radio meteor project. additional data on the velocity of faint meteors research report no. 4	1963
19640046879	Cryogenic research and development twelfth progress report, dec. 31, 1963	1963
19640046883	Sputtering mechanisms under ion propulsion conditioning first quarterly progress report	1963
19640046884	Development of a standard comparison test procedure for initiators monthly technical progress report, 22 nov. - 21 dec. 1963	1963
19640046887	Fundamental research in solid state energy conversion processes semiannual technical summary report no. 1	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640046888	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen quarterly report no. 2, aug. 1 - oct. 31, 1963	1963
19640046889	Linear adaptive models with phase characteristics adjustment <lineynnye samonstraivayushchiesya modeli s nastroykoy po fazovym kharakteristikam<	1963
19640046891	Research on diffusion of hydrogen through palladium second phase report, feb. - aug. 1963	1963
19640046892	Geophysics and astronomy. status report, orbiting geophysical observatories	1963
19640046893	Computer simulation study of bruceton and probit methods of sensitivity testing	1963
19640046898	Research program for the long term testing of cylindrical diodes and the radiation of fuel and insulator quarterly progress report, 18 jun. - 17 sep. 1963	1963
19640046899	The r.a.r.d.e. no. 3 hypersonic gun tunnel	1963
19640046902	The united states in space	1963
19640046904	Saturn v launch operations working group meeting, april 24-26, 1963	1963
19640046905	Ranger block iii. spacecraft reliability study, volume i final report	1963
19640046906	Study on methods of structurally evaluating expandable structures having potential space applications final report	1963
19640046907	Research and development program on magnetic, electrical conductor, electrical insulation, and bore seal materials first quarterly report, 23 aug. - 30 nov. 1963	1963
19640046908	Contract number index to reports announced in cstar cumulative index to items in ctpa vol. 2 and cstar vol. 1, 1962 - 1963	1963
19640046909	Investigation of cavitation damage of mechanical pump impellers operating in liquid metal space power loops quarterly progress report no. 2, oct. 1 - dec. 31, 1963	1963
19640046914	Reusable 10-Ton Orbital Carrier Vehicle Volume II Sections 1 Through 5 Final Report, Phase I	1963
19640046925	Manned spacecraft programs	1963
19640046927	Saturn V Performance Studies	1963
19640046929	2 to 3 million pound thrust launch vehicle study. volume i, conceptual designs, supporting studies and analyses final report	1963
19640046930	2 to 3 million pound thrust launch vehicle study. volume ii, preliminary design final report	1963
19640046931	2 to 3 million pound thrust launch vehicle study, volume iii, confirming analysis final report	1963
19640046941	Quarterly project progress report for july, august, september 1963	1963
19640046942	Applied research on contact ionization thrusters	1963
19640046943	Commercial sst propulsion component program first quarterly progress report, 1 sep. 1963 - 30 nov. 1963	1963
19640046945	Study of a rotating manned orbital space station mid-term review	1963
19640046949	Design feasibility study for portable lunar survival shelter final report <1 jul. - 14 nov. 1963<	1963
19640046951	Study of pulsed radiation effects on microwave ferrite duplexers sixth quarterly report, 1 aug. - 31 oct. 1963	1963
19640046952	Fine grain dense ferrites final report, 1 dec. 1962 - 30 nov. 1963	1963
19640046955	Large-area electronic display panel 1 sep. - 30 nov. 1963	1963
19640046958	Investigation of improved airborne antenna techniques for combat surveillance 1 sep. - 30 nov. 1963	1963
19640046963	Meteoroid penetration distributed transducer monthly progress report for aug. 1963	1963
19640046965	Analytical methods for impurities in cesium metal quarterly progress report no. 1, 1 jul. - 30 sep. 1963	1963
19640046966	Analytical methods for impurities in cesium metal quarterly progress report no. 2, 1 oct. - 31 dec. 1963	1963
19640046968	Research on the mechanisms of fatigue in ultra small specimens quarterly progress report no. 1, 1 sep.-1 dec. 1963	1963
19640046969	Wind tunnel tests of the redstone "b" nose cone at mach numbers from 1.75 to 5.00	1963
19640046972	Development of connectors for flat conductor cable follow-on project fifth quarterly progress report, 15 jun. - 15 sep. 1963	1963
19640046978	Advanced test methods for determining operational characteristics of propellants final report, 1 jun., 1962-31 may 1963	1963
19640046982	Miniature precision coaxial cable assemblies second quarterly progress report, 15 sep. - 15 dec. 1963	1963
19640046983	Space environment studies of seals final report	1963
19640046984	Rift sunnyvale complex cold-flow facility requirements	1963
19640046987	Continuum emission coefficients from the quantum defect method	1963
19640046989	The effect of surface reactions on fatigue failure semi-annual status report, jul. 1 - dec. 31, 1963	1963
19640047001	Sensitivity determination of the burning rate upon temperature of ejc, a3 polaris, propellant	1963
19640047003	Controllable solid propellant rocket motor third quarterly report, 16 sep.-15 dec. 1963	1963
19640047007	Development and testing of an advanced high energy solid propellant, volume ii final report	1963
19640047009	The application of ultrasonics to wire drawing quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640047010	Study of the physics of meteoroid impact, <17 may 1961 - 17 may 1963<	1963
19640047018	Research on nonlinear microwave ferroelectric devices final report, 15 may 1962 - 15 oct. 1963	1963
19640047019	Microwave high power electromechanical phase shifter report no. 1 first quarterly report, 1 jul. - 30 nov. 1963	1963
19640047020	Study for an on-board electrical power system for a manned orbital space station. volume 1- sections 1 through 6 final report, 6 may - 6 nov. 1963	1963
19640047021	Study for a on-board electrical power system for a manned orbital space station. volume 11- appendixes a through m final report, 6 may - 6 nov. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047022	Study for an on-board electrical power system for a manned orbital space station. volume 111- appendixes n through w, preliminary data requirements final report, 6 may - 6 nov. 1963	1963
19640047031	Development of composite structural materials for high temperature applications thirteenth progress report, 1 jan. - 31 aug. 1963	1963
19640047032	Reversible oxygen electrodes seventh quarterly report, 1 jul. - 30 sep. 1963	1963
19640047033	Cyclotron-wave amplification using simultaneous rf coupling and dc pumping	1963
19640047034	Semi-rigid or non-rigid structures for re-entry applications third interim engineering progress report, 15 aug. - 15 dec. 1963	1963
19640047065	Saturn 1, SA-5- Provisional Instrumentation Plan	1963
19640047067	Saturn I, SA-4- Test Results, Part I Firing Test Report	1963
19640047068	Synchronous meteorological satellite /sms/ study volume 7	1963
19640047069	Program Review - Communications, Meteorology, and Future Applications	1963
19640047075	Manned Orbital Research Laboratory System. Volume VI- System Design, Phase I Final Report	1963
19640047077	Brazing of thin gage rene 41 honeycomb <report period, 1 aug. 1961 - 15 dec. 1962<	1963
19640047078	Tiros v attitude summary third technical summary report	1963
19640047079	Special study of the research and development effort required to provide a u.s. lunar construction capability	1963
19640047082	Low viscosity bearing stability investigation	1963
19640047083	Low viscosity bearing stability investigation quarterly progress report 7, 10 may 1963 - 9 aug. 1963	1963
19640047086	Tiros vi attitude summary fourth technical summary report	1963
19640047092	Report on a system comparison and selection study of a manned orbital research laboratory. volume 1- technical summary. appendix 2- experimental program	1963
19640047093	Report on a system comparison and selection study of a manned orbital research laboratory. volume 1- technical summary. appendix 3- crew requirements	1963
19640047094	Report on a system comparison and selection study of a manned orbital research laboratory. volume 1- technical summary. appendix 4- mission profile	1963
19640047095	Report on a System Comparison and Selection Study of a Manned Orbital Research Laboratory. Volume 1- Technical Summary. Appendix 5- Laboratory System	1963
19640047096	Report on a System Comparison and Selection Study of a Manned Orbital Research Laboratory. Volume 1- Technical Summary Appendix 6- Ferry and Resupply Systems	1963
19640047097	Report on a system comparison and selection study of a manned orbital research laboratory. volume i- technical summary. appendix 7- structures and materials	1963
19640047098	Report on a system comparison and selection study of a manned orbital research laboratory. volume i- technical summary. appendix 8- artificial gravity provisions	1963
19640047099	Report on a Systems Comparison and Selection Study of a Manned Orbital Research Laboratory. Volume 1- Technical Summary. Appendix 9- Stabilization and Control	1963
19640047100	Report on a system comparison and selection study of a manned orbital research laboratory. volume i- technical summary. appendix 10- thermal balance	1963
19640047101	Report on a system comparison and selection study of a manned orbital research laboratory. volume i- technical summary. appendix 11- environmental control/life support	1963
19640047102	Report on a system comparison and selection study of a manned orbital research laboratory. volume i- technical summary. appendix 12- flight electronics	1963
19640047103	Report on a system comparison and selection study of a manned orbital research laboratory. volume i- technical summary. appendix 13- communications	1963
19640047104	Report on a system comparison and selection study of a manned orbital research laboratory.	1963
19640047105	Report on a System Comparison and Selection Study of a Manned Orbital Research Laboratory. Volume I- Technical Summary. Appendix 15- Electrical Power	1963
19640047106	Report on a system comparison and selection study of a manned orbital research laboratory. volume i- technical summary. appendix 16- propulsion and reaction control	1963
19640047107	Report on a system comparison and selection study of a manned orbital research laboratory. volume i- technical summary appendix 17- ground support equipment	1963
19640047108	Report on a system comparison and selection study of a manned orbital research laboratory. volume i- technical summary. appendix 18- operational ground facilities	1963
19640047110	Report on a system comparison and selection study of a manned orbital research laboratory volume iii- preliminary program plan, cost appendix	1963
19640047111	Report on a system comparison and selection study of a manned orbital research laboratory. system specification	1963
19640047113	Studies in radio astronomy final report	1963
19640047114	Elastomeric seals and materials at cryogenic temperatures, part ii <final report< nov. 1961 - dec. 1962	1963
19640047116	Study of interaction structures final report	1963
19640047117	Magnetic parametron logic elements quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640047119	Ssb and vhf crystal filters quarterly report, 15 sep. - 15 dec. 1963	1963
19640047122	An attempt at 3 to 1 harmonic pumping of a ruby maser	1963
19640047123	Research on ultrahigh-speed digital techniques final report on first year's work, phase i, 1 oct. 1962 - 30 sep. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047125	Manned orbital research laboratory system. volume ii- phase ii reliability program plan phase i final report	1963
19640047126	Manned orbital research laboratory system. volume iii- preliminary program plan and costs phase i final report	1963
19640047127	Manned orbital research laboratory system. volume v- subsystem design phase i final report	1963
19640047128	Rotational dissociation of molecules in high altitude missile plumes	1963
19640047130	Pulsed energy deposition in metals <second quarterly report, jul.-sep. 1963<	1963
19640047138	Applied research investigation of the supersonic/hypersonic combustion ramjet engine final summary report, 1 jan.-31 dec. 1962	1963
19640047141	Report on a system comparison and selection study of a manned orbital research laboratory. volume ii- phase ii program plan for reliability, quality control, and safety	1963
19640047142	Rift data submittal document	1963
19640047143	Orbiting astronomical observatory human engineering program plan, revision c	1963
19640047144	Ranger block iv human engineering program plan, revision c	1963
19640047149	Program definition study for a satellite data collection system /datacol/, volume i final report	1963
19640047150	Program definition study for a satellite data collection system /datacol/, volume ii final report	1963
19640047151	Program definition study for a satellite data collection system /datacol/, volume iii final report	1963
19640047152	Ryan model 520 radar altimeter monthly progress report, 15-30 nov. 1963	1963
19640047153	Retrorocket-parachute landing system study for earth and martian entry vehicles technical progress report, 1 jun. 1963 - 1 sep. 1963	1963
19640047155	Computer reliability study, volume i-summary <final report, oct. 1962 - sep. 1963<	1963
19640047156	Development of low pressure light weight rocket system components final report, 1 jul. 1961 - 31 mar. 1963	1963
19640047158	Research on base heating of rocket motor vehicles using shock tube techniques monthly progress report, 1-31 oct. 1963	1963
19640047160	High temperature thermocouple research and development program monthly progress report no. 3, 1 aug. - 1 sep. 1963	1963
19640047161	Advanced control system for saturn v, phase i and phase ii summary report	1963
19640047162	Origin of the moon- dynamical considerations <semi-annual report, 1 jul. - 31 dec. 1963<	1963
19640047164	Parametric performance analysis for interplanetary missions utilizing first generation nuclear stages. part ii- brake to venus orbit	1963
19640047166	Lunar mission performance evaluation procedure for orbit-launched nuclear vehicles	1963
19640047168	Substructured p-n tunnel junction for microwave generation interim report 3	1963
19640047169	Ultra high power transmission line techniques	1963
19640047171	Shock and vibration environments and test specification levels. ground support equipment, launch complex 39	1963
19640047172	Test program for determination of soil constants in vacuum final report	1963
19640047174	On the mechanical properties of an h-c rubber	1963
19640047177	Labyrinthine function related to experiments on the parallel swing	1963
19640047178	Development and evaluation of a thin-film heat flux transducer for flight on the saturn vehicles fifth monthly progress report, 1 aug. 1963 - 31 aug. 1963	1963
19640047180	Evaluation of solid propellants and solid- propellant systems for space application summary report	1963
19640047181	Study of thermal effects on gravity gradient rods final report	1963
19640047185	Saturn v wind response studies	1963
19640047188	Research on spacecraft and powerplant integration problems first quarterly report, 26 apr. - 26 jul. 1963	1963
19640047189	Alkali metals boiling and condensing investigations. volume ii- materials support final report, jan. 1, 1961 - jun. 30, 1962	1963
19640047191	Development of dielectric windows for spacecraft antennas quarterly report no. 1, 1 jul. - 30 sep. 1963	1963
19640047192	Notes on the design of research tracking telescope no. 2	1963
19640047193	An investigation of separated flows on two- dimensional models at mach numbers 5 and 8	1963
19640047194	Microwave and optical masers for mm waves final report, nov. 1, 1962 - oct. 31, 1963	1963
19640047197	Static stability and drag characteristics of the c-21 hades vehicle at supersonic speeds	1963
19640047203	Analysis of electron-ion mixing in ion engines quarterly report no. 6, 1 sep. - 30 nov. 1963	1963
19640047206	Algol solid rocket motor program thirtieth monthly progress report, nov. 1963	1963
19640047211	The effective compressibility of a hollow sphere	1963
19640047212	Proceedings of 1962 x-20a /dyna-soar/ symposium. volume 1- general, testing and ground support, and subsystems	1963
19640047214	Proceedings of 1962 x-20a /dyna-soar/ symposium. volume iv- instrumentation and communications	1963
19640047221	Hematological changes in beagles after irradiation by neutrons, x-rays, and radionuclides	1963
19640047222	Investigation of free air suspension system load lightener final report	1963
19640047223	Millimeter wavelength power generation utilizing the phreatron effect first quarterly progress report, 1 jun.-1 sep. 1963	1963
19640047226	Ion engine outgassing tests under simulated launch conditions	1963
19640047227	Manufacturing methods for high-frequency resistance welding interim engineering progress report no. 2, 1 oct.- 31 dec. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047228	A general study of the dynamics and stability of ablative melt layers progress report of research, 1 apr. 1963-31 mar. 1964	1963
19640047232	Feasibility testing of a nitrogen-generating solid charge /sodium azide/ for propellant tank pressurization	1963
19640047238	Operations and logistics study of a manned orbiting space station summary of the final report	1963
19640047241	Parametric performance analysis for interplanetary missions utilizing first-generation nuclear stages. part v- brake to mars orbit	1963
19640047242	A comparison of two candidate lunar logistics systems for apollo- saturn v llv and lem truck	1963
19640047245	Perchloric acid- a review of its thermal decomposition and thermochemistry	1963
19640047248	Millimeter wave components /hexagonal ferrite isolators/ report no. 6 /final/, 15 mar. 1962 - 15 sep. 1963	1963
19640047249	Thermal stresses due to large spanwise and chordwise temperature gradients in long thin plates <final technical report, 1 sep. - 1 aug. 1963<	1963
19640047250	The shape of the earth- past and present ideas	1963
19640047251	Some experiments to verify a simple theory for the prediction of temperatures inside complex structures	1963
19640047252	Wind tunnel tests at mach 2 on interference effects between intake flows in a four engine nacelle	1963
19640047253	The use of electrical probes in low-pressure flames	1963
19640047255	Elastic yield zones round a crack tip. /comparison of exact and approximate elastic theories/	1963
19640047259	An experimental investigation of contoured nose orifices with ejection at free-stream mach numbers of 1.86 and 4.3	1963
19640047261	Description of a programme for calculating the wake shock behind a blunt body at supersonic speeds	1963
19640047262	Aircraft vortex wakes and their effects on aircraft	1963
19640047263	Boundary layer transition measurements using a surface hot film downstream of distributed roughness in wind tunnels at mach numbers from 1.3 to 4.0	1963
19640047266	Application of digital computers to the high speed aerodynamic design of cambered swept wings	1963
19640047267	Asymptotic solutions in non-equilibrium nozzle flow	1963
19640047269	Further results on the overall density ratios of shock waves in carbon dioxide	1963
19640047270	The effect of linear damping on flutter speed	1963
19640047274	Drag and spray measurements from a small pneumatic tyre traveling through a water layer	1963
19640047275	Solid propellant structural integrity investigations. structural integrity of large solid propellant grains research status report no. 4, 1 nov.-30 nov. 1963	1963
19640047281	High performance nozzles for solid-propellant rocket motors interim technical report	1963
19640047284	Operations and Logistics Study of a Manned Orbiting Space Station, Volume 1. Final Report	1963
19640047285	Operations and Logistics Study of a Manned Orbiting Space Station, Volume II Final Report	1963
19640047288	Vidicon strike reconnaissance research program final report, jun. 1962 - jul. 1963	1963
19640047289	Experimental evaluation of advanced propellants progress summary no. 2, oct. 1962 - oct. 1963	1963
19640047291	Program 706 - general case targeting final report	1963
19640047295	Development of a slip casting process for manufacturing spherically shaped beryllium gyro platform gimbals final report	1963
19640047298	Program 706 - task 5. guidance. tasks 5.1.2. 4.7.1 and 5.1.2.4.7.2 short range station keeping studies, volume ii final report	1963
19640047300	Program 706 - task 1 radar development final report	1963
19640047308	Proceedings of 1962 x-20a /dyna-soar/ symposium. volume ii- flight mechanics and guidance	1963
19640047309	Proceedings of 1962 x-20a /dyna-soar/ symposium. volume v- bioastronautics	1963
19640047311	Development of Pelletized Propellant Monthly Progress Report No. 6, Sep. 1963	1963
19640047312	System Test Objective for Echo A-12 Project	1963
19640047314	Study of phase shift amplifier techniques quarterly progress report no. 3, 1 apr. 1963- 31 jun 1963	1963
19640047318	Investigation of a 3 kw stirling cycle solar power system. volume iv- solar collector analysis and experimental research - appendixes	1963
19640047319	Wind tunnel force tests of a mercury redstone configuration, without escape rocket pylon, at super mach numbers	1963
19640047324	Reliability prediction and failure effect report	1963
19640047325	Experimental static longitudinal stability and drag characteristics of the saturn i, block ii/apollo launch vehicle in the hypersonic mach range	1963
19640047326	Experimenters' manual for the orbiting solar observatory	1963
19640047327	Longitudinal static stability tests on a 1/25 scale model of a hypersonic boost vehicle at m equal 6.85	1963
19640047328	Further material evaluation for supersonic transport aircraft final report	1963
19640047330	Manufacturing processes for liquid hydrogen technical summary and bibliography, 1958-1963	1963
19640047332	Flow Field Prediction and Analysis for Project Ram, Phase II	1963
19640047343	Study of nonequilibrium body flow fields quarterly report for period ending 15 nov. 1963	1963
19640047349	Infrared reconnaissance from orbiting vehicles	1963
19640047350	Satellite vulnerability and passive defense	1963
19640047352	Hypervelocity impact studies on aerospace materials and structures	1963
19640047353	Vulnerability of infrared detectors and optical materials to laser radiation	1963
19640047354	Instantaneous optical shutters	1963
19640047357	The mark vb recovery system	1963
19640047358	Flying qualities of the gemini paraglider recovery system	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047359	Location recovery aid devices and their integration into the mission	1963
19640047360	Aerodynamics of the slender circular cone as a recoverable booster-spacecraft	1963
19640047391	Investigation of light metal hydride-1 by mass spectrography and x-ray diffraction	1963
19640047392	Cavea-b monopropellant engine tests	1963
19640047394	Feasibility demonstration of a liquid propellant rocket engine on the tapoff turbine cycle /project eclipse/	1963
19640047402	Investigation of an electrochemical device for carbon dioxide absorption and oxygen generation	1963
19640047403	Research on methods for thermal transport in a space worker's garment technical report, 1 apr. 1962 - 15 mar. 1963	1963
19640047407	<investigation of light sources for the far ultraviolet< quarterly progress report, 1 nov. 1962 - 1 feb. 1963	1963
19640047411	Research and development program- intrinsic reliability - subminiature ceramic capacitors sixth quarterly progress report, 1 sep. 1963 - 30 nov. 1963	1963
19640047412	Manned spacecraft center atlantic missile range operations facilities, 1959 - 1964	1963
19640047413	The age-hardening of plastic propellant	1963
19640047415	Very high resolution techniques sixth quarterly report, 15 sep. - 15 dec. 1963	1963
19640047416	Transistor design effects on radiation resistance second quarterly report, 15 sep. - 15 dec. 1963	1963
19640047419	Theoretical study of atomic and molecular gases and their reactions in the upper atmosphere <semi-annual report< 1 may 1963 - 1 nov. 1963	1963
19640047422	<exploitation of the nbs synchrotron as a far ultraviolet light source and investigation of thermal detectors as primary radiaton standards for the vacuum ultraviolet< progress report, 1 feb. - 30 jun. 1963	1963
19640047424	An investigation of basic mechanisms of transient high energy radiation effects in insulators and semiconductors second annual report	1963
19640047425	Trailblazer ii - flight test procedure and countdown for d58-3539	1963
19640047435	Environmental control system- naa s&i'd extended apollo preliminary engineering analysis	1963
19640047436	Research program on semiconducting materials for laser applications	1963
19640047438	High power microwave ferrites and devices fourth quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640047439	Development of electron gun with non-intercepting grids first quarterly progress report, 14 may.- 15 aug. 1963	1963
19640047441	Nuclear-electric power generation monthly progress reports, jan. - dec. 1962	1963
19640047458	X-ray fluorescence method for analyzing polybutadiene-acrylic acid /pbaa/ propellants	1963
19640047469	Conceptual Design Study of 50 to 100 Ton Reusable Orbital Carrier Volume 1 - Technical Summary Final Report	1963
19640047479	A fortran program to calculate the flow field and performance of an axially symmetric de laval nozzle	1963
19640047480	Ground measurement thermocouple zone box design	1963
19640047483	Numerical procedure for nonlinear beam vibration	1963
19640047487	Test requirements for the centaur/surveyor air conditioning test	1963
19640047488	Monthly progress report no. 1 <airborne approach and landing system study<	1963
19640047489	Effects of nuclear radiation of frequency control devices fourth quarterly progress report, 1 jun. - 31 aug. 1963	1963
19640047490	Effects of nuclear radiation on frequency control devices fifth quarterly report, 1 sep. - 30 nov. 1963	1963
19640047492	Active logic elements using non-galvanic modifying inputs scientific report no. 1 1 jul. 1962 - 30 sep. 1963	1963
19640047493	Investigation of factors affecting early exploitation of integrated solid circuitry. volume iii- interconnections for integral electronics interim documentary progress report, 1 apr. 1963 - 1 jul. 1963	1963
19640047494	Investigation of factors affecting early exploitation of integrated solid circuitry. volume v- reliability considerations for integral electronics interim technical documentary progress report, 1 apr. 1963 - 1 jul. 1963	1963
19640047495	Research on the mechanism of thermal decomposition of hydrocarbon fuels technical documentary report, 15 jan. - 15 nov. 1962	1963
19640047502	Advanced high-power chirp radar, volume i final equipment report, 15 may 1960-7 apr. 1963	1963
19640047519	Limitations for daytime detection of stars using the intensifier image orthicon	1963
19640047522	Summary report on development of a prototype liquid fluorine sampler <phase ii, final report<	1963
19640047523	Research for consolidation of refractory metal ingots	1963
19640047524	Development of signal generator an/urm-123	1963
19640047527	A research investigation of the factors that affect the superconducting properties of materials progress report no. 1, 15 jun. - 15 dec. 1963	1963
19640047528	Development of composite structural materials for high temperature applications fourteenth progress report, 1 sep. - 30 nov. 1963	1963
19640047535	Research on anisotropy in polycrystalline dielectric materials interim report no. 1, 21 jun. 1963 - 21 dec. 1963	1963
19640047536	Characteristics of dielectrically-loaded ladder lines for traveling-wave masers and other applications	1963
19640047537	Electolytic machining development interim technical engineering report, 4 sep. 1962 - 3 jun. 1963	1963
19640047541	Expitaxial film growth interim engineering progress report no. 4, 10 jun. - 9 sep. 1963	1963
19640047542	Interconnection of functional electronic blocks 5th interim documentary progress report, 1 jul. - 30 sep. 1963	1963
19640047544	Development and qualification of remover, aircraft canopy, xm7, with cartridge, xm188 technical documentary report, jul. 1961 - jun. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047545	Qualification tests of catapult, aircraft ejection seat, xm8, xm9, xm10e1, and xm19	1963
19640047546	Adaptive threshold logic <interim technical report, oct. 1960 - feb. 1963<	1963
19640047547	Applied research in thin-film field-emission tubes report no. 17, /fourth quarterly progress/, 1 jul. - 30 sep. 1963	1963
19640047548	Target signature study interim report, 1 sep. - 30 nov. 1963	1963
19640047552	The effect of processing conditions on the physical properties of several polyurethanes	1963
19640047553	An improved method for the measurement of solid-propellant strand-burning rates in closed bombs	1963
19640047554	Sound pressure level measurements during sa-4 launch	1963
19640047555	Study of a high-precision three-dimensional, space vehicle tracking radar <final< technical summary report	1963
19640047569	Development of the inert-diluent concept for the manufacture of double-base and composite modified double-base propellants technical memorandum report <1 mar. 1962 - 3 apr. 1963<	1963
19640047585	Multicomponent propellants <summary report, 2 jul. 1962 - 31 aug. 1963<	1963
19640047586	Development and test of solid fuel rocket attitude control system final report	1963
19640047590	Production engineering measure on zn1708 silicon planar epitaxial transistor. volume iii- quality control and inspection plan final report	1963
19640047611	Titan ii design data book - ws 107c, volume vi	1963
19640047612	Program 706. task 6 optical tracking equipment final report	1963
19640047616	<airborne approach and landing system study< monthly progress report no. 4	1963
19640047617	Photographic material suitable for in-flight processing second quarterly progress report, 15 sep.-15 dec. 1963	1963
19640047620	Hydrogen generation for fuel cells quarterly report no. 6, 1 aug.-31 oct. 1963	1963
19640047624	Development of a high-temperature, nuclear- radiation-resistant pneumatic power system for flight vehicles quarterly report, 25 jun. - 24 sep. 1963	1963
19640047625	Development of a high-temperature, nuclear- radiation-resistant pneumatic power system for flight vehicles quarterly report, 25 sep. - 24 dec. 1963	1963
19640047626	Preliminary design study report for a mars atmosphere entry probe	1963
19640047628	Automated solution of combined interference matrices report 5 /first quarterly/, 15 jun. - 15 sep. 1963	1963
19640047629	Research on microwave window multipactor and its inhibition fourth quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640047631	Microwave nonlinear dielectric materials first quarterly progress report, 15 sep.-14 dec. 1963	1963
19640047632	Flight manual -c-140a, c-140b, and vc-140b aircraft	1963
19640047653	The effects of acceptor-donor configuration and dimensions on card gap and critical diameter	1963
19640047654	Technique for calculating trajectories of singly charged particles in a static magnetic field for shielding purposes technical documentary report, jun. 1961 - oct. 1962	1963
19640047678	Ballistocardiographic evaluation of the effect of omentocardiopexy on the course of experimental myocardial infarction in dogs <wpływ omentokardiopeksji na przebieg doświadczalnych zawałów u psów w ocenie badań balistokardiograficznych<	1963
19640047694	Study of thin film compounds formed from simultaneously evaporated constituents first quarterly report, 1 jun. - 31 aug. 1963	1963
19640047695	Laser /optical maser/ beam fusion welding <5th< interim engineering progress report, 1 jul. - 15 oct. 1963	1963
19640047697	High current superconductivity semiannual report no. 4, 1 mar. - 31 aug. 1963	1963
19640047698	A method for computing the emission distribution in cylindrical light sources	1963
19640047699	Research and development of an automatic beryllium-in-air monitor final report, 28 aug. 1962 - 17 jun. 1963	1963
19640047700	Phased backscatter array technical report phase i, feb. 1962 - jan. 1963	1963
19640047702	Quarterly research review no. 6, 1 july - 30 september 1963	1963
19640047708	M1-c neutral cesium detector	1963
19640047709	Theoretical and experimental investigation of arc-jet engine nozzle flow quarterly progress report no. 2, 1 oct. 1962 - 1 jan. 1963	1963
19640047710	Theoretical and experimental investigation of arc-jet engine nozzle flow quarterly progress report no. 3, 1 jan - 1 apr. 1963	1963
19640047719	Improved insulators for rocket motors first quarterly progress report, 1 sep. - 30 nov. 1963	1963
19640047721	Reinforced plastic magnetic tape third quarterly report, 1 oct. - 31 dec. 1963	1963
19640047725	Research and development of porous tungsten emitters for use in electrostatic propulsion summary report	1963
19640047729	Microcontactor utilizing high density metallic superoxides interim progress report <jul. - dec. 1963<	1963
19640047732	Study of correlation between linear transfer and relative biological effectiveness first quarterly report	1963
19640047736	A geometrical study of re-entry transfer orbits	1963
19640047739	Icprg solid propellant mechanical behavior manual	1963
19640047755	Highlight of simulated altitude testing of the xlr-81-ba-13 liquid-propellant rocket engine	1963
19640047766	Reusable ground launch vehicle study, 100-ton orbital payload class final review	1963
19640047772	Effect of processing variables on crack propagation of high-strength steels and titanium. effects of interrupted quenching on strength and ductility of 12 percent chromium steels second quarterly progress report <1 may - 30 jul. 1963<	1963
19640047775	On bounded current sheets	1963
19640047776	Collective effects on cyclotron radiation in a plasma	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047777	Thermophysical and transport properties of high temperature energy storage materials	1963
19640047779	Study of the dynamics of cerebral circulation by continuous rheoencephalographic monitoring progress report, 1 jun. - 31 dec. 1963	1963
19640047781	Characteristics of a magnetically confined steady state plasma beam	1963
19640047782	High temperature extrusion lubricants fifth interim technical documentary progress report, 9 jul. - 9 oct. 1963	1963
19640047783	Phenomenon of superconductivity progress report no. 1 <apr. 17, 1963 - nov. 30, 1963<	1963
19640047784	The exact expansion of the electronic energy of one-electron diatomic molecules in powers of the internuclear separation	1963
19640047785	The properties and handling of fluorine technical documentary report, 15 oct. 1960 - 15 oct. 1961	1963
19640047791	Burning rate measurement of radiographic examination of operating hybrid motors	1963
19640047799	Ion exchange membrane electrolytes sixth and final report, 1 mar. 1962 - 31 aug. 1963	1963
19640047826	Reinforced plastic laminates for long time high temperature use. aromatic amides and pyromellitimides technical documentary report. 4 jun. 1962 - 15 apr. 1963	1963
19640047827	Electron guns for intermediate and high power traveling-wave tubes final technical report <may 1962 - jun. 1963<	1963
19640047840	Development of dispersion strengthened tantalum base alloy second quarterly progress report, 20 sep. 1963 - 19 dec. 1963	1963
19640047841	Description of preliminary programs /distest, ajax 1 and ajax 2/. feasibility study of a track-while-scan navigation concept	1963
19640047842	Growth studies on chlorella pyrenoidosa 71105 and other microalgae, part iv final report	1963
19640047844	Mission plan tiros viii	1963
19640047848	Solar-probe attitude-control-system studies final report	1963
19640047852	Snap-8 electrical generating system development program thirteenth quarterly progress report, jun. - aug. 1963	1963
19640047853	Final report <digital logic simulator development, design, and construction for use at ames research center<	1963
19640047854	Handbook of instructions for aerospace systems design. volume iii- reduced gravity	1963
19640047869	Mission survivability of a manned aircraft surveillance system. volume i- summary report	1963
19640047871	Mission survivability of a manned aircraft surveillance system. volume iii- a model for battlefield deployment of antiaircraft weapons	1963
19640047872	Mission survivability of a manned aircraft surveillance system, volume iv- terminal vulnerability	1963
19640047873	Mission survivability of a manned aircraft surveillance system. volume v- terrain analysis and single engagement kill probability for ideal weapons	1963
19640047874	Mission survivability of a manned aircraft surveillance system. volume vi- considerations of man-machine environment and terrain-following capabilities	1963
19640047875	Mission survivability of a manned aircraft surveillance system. volume vii- study of sensors, target coverage probability, and navigational accuracy for low-altitude surveillance missions	1963
19640047876	Mission survivability of a manned aircraft surveillance system. volume ix- analysis of survivability of a low-altitude surveillance mission into enemy territory	1963
19640047895	Temperature insensitive high explosives annotated bibliography	1963
19640047901	Proceedings of the Second Beryllium Propellant Symposium	1963
19640047902	[No Title]	1963
19640047903	Propellant development under air force contract af 04/611/-8179	1963
19640047904	[No Title]	1963
19640047905	Development of the propellant for the xm-86 motor	1963
19640047906	Ultra-high-impulse nitroplastisol propellant development	1963
19640047907	[No Title]	1963
19640047908	Discussion of contract af 04/611/-9062 and related work	1963
19640047909	[No Title]	1963
19640047910	[No Title]	1963
19640047911	[No Title]	1963
19640047912	Lpc-eafb high expansion ratio solid propellant motor feasibility program	1963
19640047913	[No Title]	1963
19640047914	[No Title]	1963
19640047915	[No Title]	1963
19640047916	[No Title]	1963
19640047917	[No Title]	1963
19640047918	[No Title]	1963
19640047919	[No Title]	1963
19640047920	[No Title]	1963
19640047921	[No Title]	1963
19640047922	[No Title]	1963
19640047923	[No Title]	1963
19640047924	Experimental toxicological studies with beryllium-containing materials	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047925	[No Title]	1963
19640047926	Industrial hygiene and diffusion studies for contract af 04/611/-8179	1963
19640047927	[No Title]	1963
19640047928	[No Title]	1963
19640047943	Application of nuclear electric power to manned orbiting space stations, phase i study	1963
19640047945	The measurement and prediction of judgmental response - statistical methods final report, 1961 - 1962	1963
19640047949	Distribution of electron density and temperature in an arc-heated low-density wind tunnel	1963
19640047950	One-dimensional flow in an ionising gas	1963
19640047954	The solubility of iron, chromium, nickel, cobalt, and vanadium in mercury and concentrations of those elements found in mercury after contact with iron-cobalt-, and vanadium-base alloys topical report	1963
19640047972	Recent developments in double-base propellant systems	1963
19640047983	Pilot plant operations technical progress report, 1 jun. - 31 aug. 1962	1963
19640047986	An advanced large solid booster ignition system	1963
19640047987	Propellant gas thrust vector control	1963
19640047988	Engineering aspects of the origin concept	1963
19640047989	A semi-empirical study of the ignition transient of large solid rocket motors	1963
19640047990	Nitroplastisol- a proven vehicle for advanced solid propellant ingredients	1963
19640047991	Development of a new high-impulse propellant	1963
19640047992	Olane and beany as high-energy solid propellant fuels a status report	1963
19640047993	Preliminary system characteristics of orion space propulsion	1963
19640047995	Performance and cost analysis of advanced rocket launch systems	1963
19640047996	The rocket approach to recoverable orbital launch systems	1963
19640047997	A comparative parametric performance analysis of vto and hto launch modes for aerospace vehicles	1963
19640047998	Titan pilot iii pilot survival probability and failure mode analysis	1963
19640048001	Research and development of metal hydride organic nitrogen complexes quarterly progress report no. 5, 15 dec. 1962-15 mar. 1963	1963
19640048008	Development of tunable preselectors /development and experimental models/ quarterly progress report no. 5, 15 jun. 1963 - 14 sep. 1963	1963
19640048010	Research and development of a phased-array module quarterly progress report no. 1, 1 jul. 1963-30 sep. 1963	1963
19640048018	Reliable, low cost, stable resistors. general purpose quarterly report no. 1, period ending jul. 31, 1963	1963
19640048019	Reliable, low cost, stable resistors- general purpose quarterly report no. 2, aug. 1 - oct. 31, 1963	1963
19640048020	Development of a tunable preselector fourth quarterly progress report, 15 mar. 1963 - 14 jun. 1963	1963
19640048022	Research in electron emission from semiconductors second quarterly report, 1 aug. 1963 - 31 oct. 1963	1963
19640048031	Advanced control system for saturn v configuration, phase ii final report	1963
19640048032	Reusable ground launch vehicle study. 100-ton orbital payload class second interim review	1963
19640048033	Reusable ground launch vehicle study. 100-ton orbital payload first oral review, feb. 1963 - dec. 1963	1963
19640048041	Extended-mission apollo study, volume ii. mission and operations analysis final report	1963
19640048042	Extended-mission apollo study, volume v. environmental control and life support final report	1963
19640048043	Extended-mission apollo study, volume vi. propulsion and reaction controls final report	1963
19640048044	Extended-mission apollo study, volume vii. guidance, stabilization, and control final report	1963
19640048045	Extended-mission apollo study, volume viii. telecommunications and data subsystems final report	1963
19640048047	Strength properties of reinforced plastic laminates at elevated temperatures /epoxy resin ersd-0111 and 181-a1100 glass fabric/ technical documentary report, aug. 1962- aug. 1963	1963
19640048055	Saturn c-5 adaptive control system study monthly progress report, 1 nov. - 31 nov. 1963	1963
19640048061	Thin films formed by electrochemical reactions final report, 1 jun. 1962 - 31 jan. 1963	1963
19640048066	Wind tunnel tests of as-1, c-1 and preliminary two-stage saturn configurations at supersonic mach numbers	1963
19640048069	Evaluation of television system utilizing rca c-74012 infrared camera tube	1963
19640048076	An active attitude control system for communication satellites	1963
19640048080	Properties of photodetectors photodetector series, 59th report, jul. - sep. 1963	1963
19640048100	Titan iii staging techniques	1963
19640048101	Reaction jet controls on an x-20 glide vehicle configuration at supersonic speeds	1963
19640048102	Evaluation of missile system performance using guidance accelerometer data	1963
19640048103	A bodybound inertial navigation system using electrostatically supported pendulous gyro accelerometers	1963
19640048104	Boost phase stings - a status report	1963
19640048105	Fbm star scanner experiment	1963
19640048106	Design, development, and simulator evaluation of a booster flight control system	1963
19640048108	A plan for instant global targeting of ballistic missile	1963
19640048109	Evaluation of satellite control facility tracking system accuracies	1963
19640048110	Electrostatic phenomena on the minuteman missile	1963
19640048113	The paladin concept	1963
19640048158	Modified apollo logistics spacecraft midterm review	1963
19640048159	Extended-mission apollo study final report, condensed summary	1963
19640048160	Modified apollo logistics spacecraft study. volume i- summary final report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048161	Modified Apollo Logistics Spacecraft Study. Volume II - Mission, Performance, and Configuration Analysis Final Report	1963
19640048162	Modified Apollo Logistics Spacecraft Study. Volume III - Space Environment, Structural Systems and Weight Analysis	1963
19640048163	Modified Apollo Logistics Spacecraft Study. Volume IV- Earth Landing System Final Report	1963
19640048164	Modified Apollo Logistics Spacecraft Study. Volume V- Guidance, Control, and Communications Final Report	1963
19640048165	Modified Apollo Logistics Spacecraft Study, Volume VI- Subsystems Final Report	1963
19640048166	Modified apollo logistics spacecraft study, volume vii- operational implementation final report	1963
19640048167	Modified apollo logistics spacecraft study. volume viii- condensed summary final report	1963
19640048173	Evaluation of a high energy liquid propellant rocket engine oxidizer and a pilot production of same third quarterly report, 1 nov. 1962 - 31 jan. 1963	1963
19640048187	Some properties of wedge section aerofoils at supersonic and hypersonic speeds	1963
19640048189	The protection of molybdenum for oxidation at high temperatures with zirconia/glass coatings	1963
19640048191	A warm-air thermostat for debye-scherrer x-ray measurements	1963
19640048192	Shapes for end-closures of glass fibre pressure vessels based on a modified cassinian curve	1963
19640048193	On the theory of accommodation coefficients. v. classical theory of thermal accommodation and trapping	1963
19640048194	Notes on a symposium on design criteria for plastics held at the stevens institute of technology, hoboken, new jersey on september 10th to 13th 1963	1963
19640048198	Aliasing errors in a.c. bridge transducer measurements	1963
19640048199	The determination of convective heat transfer coefficients applicable to surfaces exposed to the sun	1963
19640048200	Cadmium telluride devices first quarterly progress report, 15 apr. 1963 - 15 aug. 1963	1963
19640048201	Cadmium telluride devices second quarterly progress report 16 aug. 1963 - 15 nov. 1963	1963
19640048203	Extended-Mission Apollo Study. Volume I- Summary Final Report	1963
19640048204	Extended-Mission Apollo Study. Volume III- Configuration and Performance Analysis Final Report	1963
19640048205	Extended-Mission Apollo Study. Volume IV- Power Final Report	1963
19640048206	Extended-mission apollo study. volume ix- space environment, structures, and weights final report	1963
19640048207	Extended-mission Apollo Study. Volume X- Reliability, Logistics, and GSE Final Report	1963
19640048210	T-37 c qualitative spin evaluation final report	1963
19640048212	Development of tunable k sub u-band reactance amplifier final report no. 4, 1 jul. 1962 - 30 nov. 1963	1963
19640048215	Elf-vlf spectral radiation associated with the sa-3 launch operation report no. 01.01	1963
19640048216	Site description report- 30 ft. dish apollo site for unified s-band system - bermuda	1963
19640048217	Solar radiation experiment. operations plan 11-63	1963
19640048225	Power generation storage and distribution for a manned orbital space station final review	1963
19640048226	Non-category oriented substantiation data, volume viii, book i of ii final report	1963
19640048234	Analysis of hardness indenter pit profiles internal report no. 19	1963
19640048236	The complete dc theory of an opposite-stream diode technical report no. 0833-1	1963
19640048252	Study of a manned mars excursion module, volume i of iii - part i final report, 21 may - 20 nov. 1963	1963
19640048253	Study of a manned mars excursion module - volume i of iii - part ii, final report, 21 may - 20 nov. 1963	1963
19640048254	Study of a manned mars excursion module. volume ii of iii- unclassified appendix final report, 21 may - 20 nov. 1963	1963
19640048255	Ultra-light structure for airborne vehicles	1963
19640048256	The problem of ionizational relaxation for shocks in monatomic gases	1963
19640048260	Research on organic depolarizers tenth quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640048264	Miniaturized x-band stripline duplexer quarterly progress report no. 2, 1 oct. - 31 dec. 1963	1963
19640048268	An analysis of the polarization capabilities of a ground plane cross section range	1963
19640048270	Research on dielectrics for microwave electron devices fifth quarterly progress report, 1 jul. - 30 sep. 1963	1963
19640048272	Improved frequency-temperature characteristics of quartz crystal units final report, 1 jul. 1962 - 31 oct. 1963	1963
19640048274	Conceptual Design Study of Reusable Ten-passenger Orbital Carrier Vehicles, Phase II First Oral Presentation	1963
19640048288	Criteria for selection of hybrid chemical combinations	1963
19640048293	Experimental studies and evaluation of the standing detonation wave propulsion concept	1963
19640048309	Development of lubricant screening tests and evaluation of lubricants for gas turbine engines for commercial supersonic transport, part i interim report, 1 may 1962-28 feb. 1963	1963
19640048311	Design, development, of flight research of an experimental adaptive control technique for advanced booster systems final report, 1 jan.-31 may 1962	1963
19640048320	Electromagnetic theory of the radar cross section of re-entry wakes	1963
19640048321	The effect of the unsteady boundary layer on the hypersonic dynamic stability of a slightly blunted cone	1963
19640048322	A theory of cone blunting by sublimation or oxidation	1963
19640048323	Transient ablation performance of a thermosetting plastic under hypersonic reentry conditions	1963
19640048325	X-ray countermeasure development	1963
19640048327	The effects of high intensity microwave radiation on the ablation properties of representative heat protection materials	1963
19640048328	Modification of design procedures due to reentry vehicle flight test data	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048329	Heat protection system requirements and materials for ultra high ballistic parameter vehicles	1963
19640048330	Summary and interpretations of reentry vehicle flight test data	1963
19640048384	Adept computer series with orthocore memory	1963
19640048386	Reversible oxygen electrodes report no. 8, 1 oct. 1963 - 31 dec. 1963	1963
19640048389	Interference reduction techniques for non- linear device first quarterly progress report, 15 jun. 1963-15 sep. 1963	1963
19640048392	Expandable space structure interim technical documentary report, 1 nov. 1962-31 jan. 1963	1963
19640048393	Expandable space structure interim engineering program report, 1 aug.-31 oct. 1963	1963
19640048394	Optimization of operating conditions for manned spacecraft engines. volume 1- summary final report	1963
19640048395	Optimization of operating conditions for manned spacecraft engines. volume 2- analyses final report	1963
19640048396	Optimization of operating conditions for manned spacecraft engines. volume 3- analyses final report	1963
19640048397	Optimization of Operating Conditions for Manned Spacecraft Engines, Volume IV Final Report	1963
19640048398	Advanced celestial guidance techniques final report	1963
19640048401	Preliminary specification for the model ma130-xaa multi-mode thrust chamber technical documentary report no. 6040, 1 oct. 1962 - 30 nov. 1963	1963
19640048406	Impregnants for expandable rigidizable aerospace structures summary report, 1 may 1962 - 30 apr. 1963	1963
19640048407	Manufacturing methods and design procedures for brazed refractory metal honeycomb sandwich panels interim engineering progress report <no. 5<, 1 dec. 1962 - 1 mar. 1963	1963
19640048408	Army troop reserve parachute-ballistically deployed pilot chute final report	1963
19640048411	Thermodynamics of certain refractory compounds, part ii. continued theoretical and experimental studies on an extended list fifth quarterly progress report, 1 jun - 31 aug. 1963	1963
19640048414	Study of microwave and visible light wave transmission through solid propellant exhaust gases quarterly progress report no. 2, 1 nov. 1962 - 31 jan. 1963	1963
19640048415	Mid-term review summary, 19-20 march 1963	1963
19640048417	Centaur insulation study program final report, 27 jun. 1963 - 20 nov. 1963	1963
19640048418	Solid propellant structural integrity investigations. structural integrity of large solid propellant grains quarterly report no. 3, 1 jan. - 31 mar. 1964	1963
19640048419	Investigation into the transfer of mass from a liquid to a growing gas bubble during for- mation	1963
19640048421	Radar observable aspect of slender re-entry vehicles under operational conditions	1963
19640048422	Optical discrimination methods- their potentials and their instrument requirements	1963
19640048425	A new radar-absorbing material	1963
19640048426	Chaff and defense radars	1963
19640048428	Signal analysis of radar returns from re-entering ballistic missiles	1963
19640048429	Hard point defense tradeoffs and technology	1963
19640048433	A study of re-entry vehicle penetration against defended area targets	1963
19640048444	Titan Iii Launch Vehicle Study for Manned Orbital Research Laboratory Missions Final Technical Report	1963
19640048456	<scientific research dealing with the buckling of thin shells< final report, 24 jun. 1960 - 30 jun. 1963	1963
19640048458	Sputtering mechanisms under ion propulsion conditions eighth quarterly progress report, 5 feb. - 5 may 1963	1963
19640048464	Crawlerway Feasibility from Design Analysis	1963
19640048465	Project spin /precision cryogenic gyro/ monthly progress report no. 46, period ending 31 mar. 1963	1963
19640048467	Phase three report of microminiaturized instrumentation package final report	1963
19640048472	Rift assembly sequence	1963
19640048474	Development of malfunction detection system sensors for large solid propellant rocket motors fifth monthly progress report, 1 - 31 oct. 1963	1963
19640048476	Utilization of bioelectric potentials first interim report	1963
19640048484	Grove 9/16 inch, manual valve for 6,000 psig pneumatic service	1963
19640048485	Guidance and control study for the modified apollo logistics vehicle /modap/	1963
19640048487	Advanced nuclear-electric power generator system study. volume ii- thermionic nuclear space powerplant quarterly progress report, 1 jan. - 31 mar. 1963	1963
19640048489	An automatic gas jet damping and orientation system suitable for a rotating manned space station simulator	1963
19640048490	Lockheed modified an fittings for 3,000 and 6,000 psig service	1963
19640048492	Development of recuperator 178620-1 turboshaft gas turbine aircraft engines final summary report, aug.1, 1962 - feb. 28, 1963	1963
19640048494	Research on thermodynamics of the al-b-o and be-b-o systems quarterly report no. 6, 1 sep. - 30 nov. 1963	1963
19640048495	Electrochemical device for oxygen removal bimonthly status letter no. 2, 1 sep. - 31 oct. 1963	1963
19640048500	Effects of external forces on vibrating crystal plates first quarterly report no. 9, 1 may - 31 jul. 1963	1963
19640048503	Solid propellant structural integrity investigations. structural integrity of large solid propellant grains research contract status report no. 3, 1 oct. - 31 oct. 1963	1963
19640048506	Investigation of solid propellant burning rate control by acoustic means final report	1963
19640048511	Transistor, vhf, silicon, power /10w - 500 mc/ first quarterly report, 1 jul - 30 sep. 1963	1963
19640048517	Application of self-adaptive control techniques to the flexible supersonic transport. summary report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048518	Radiative interconnections of solid state circuit arrays second quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640048519	Development of an economic process for the production of .005 inch diameter beryllium wire interim technical progress report, 20 may - 15 sep. 1963	1963
19640048524	Casting and hot working of sound large diameter beryllium ingots interim technical documentary progress report, 1 apr. 1963 - 1 sep. 1963	1963
19640048525	Casting and hot working of sound large diameter beryllium ingots interim technical documentary progress report, 2 sep. 1963 - 31 dec. 1963	1963
19640048526	Analytical inspection and rebuild of j79-ge-8 engine s/n 182-003	1963
19640048529	Hero supporting studies final technical report	1963
19640048530	Methods for predicting combined electronic and mechanical system reliability final report, 1 jul. 1962 - 30 sep. 1963	1963
19640048531	Field effect and space-charge-limited thin film triodes second quarterly report, 1 oct. - 31 dec. 1963	1963
19640048532	Solid-state maser research /optical/ first quarterly report, 15 jul. - 14 nov. 1963	1963
19640048533	The oscillation of cylinders and spheres in liquid helium ii technical documentary report, jul. 1962 - jul. 1963	1963
19640048534	The effect of additives on the mechanism of detonation in gaseous systems	1963
19640048538	Studies of microplasmas and high-field effects in silicon final report, 1 feb. 1960 - 31 oct. 1963	1963
19640048539	Radiation effects on microwave devices quarterly progress report no. 2, 15 sep. - 15 dec. 1963	1963
19640048548	Sputtering mechanisms under ion propulsion conditions seventh quarterly progress report, 5 nov. 1962 - 5 feb. 1963	1963
19640048549	A steady state hall current accelerator third quarterly progress report, 17 nov. 1962 - 16 feb. 1963	1963
19640048556	High-temperature, thin-film, resistance thermometers for heat transfer measurement	1963
19640048561	Static stability characteristics of first and second stage configurations of the apollo launch vehicle at supersonic and hypersonic mach numbers	1963
19640048566	Of2 oxygen difluoride progress report through jun. 1963	1963
19640048571	Propellants division quarterly progress, 1 april - 30 june 1963	1963
19640048580	Study of thin film compounds formed from simultaneously evaporated constituents second quarterly report, 1 sep. - 30 nov. 1963	1963
19640048581	Hot electrons in thin gold films interim technical report, feb. 1962 - mar. 1963	1963
19640048584	Design, construction and evaluation of a prototype aerial tester	1963
19640048585	Rift structural materials review /lh2 tank/	1963
19640048589	3-kw ion engine power and signal conditioning equipment- phase i final report	1963
19640048591	Integrated Approach to Metal Fatigue Interim Report No. 1, 15 Aug. - 15 Oct. 1963	1963
19640048592	Saturn launch complex reliability test program. reliability test report for the thermostat switch unit, pn 10429118 /test item loc-71/	1963
19640048594	Investigation of special ultraviolet techniques final report, 1 may 1962 - 15 nov. 1963	1963
19640048595	The design of wideband transistor amplifiers by an extension of the sampled-parameter technique technical report no. 4815-1	1963
19640048596	Superconductive frequency control devices final report no. 4, 30 jun. 1962 - 1 sep. 1963	1963
19640048597	Condensation of pure vapours in the presence of non-condensable gases- a survey to 1962	1963
19640048598	Some response test on accelerometers used in ejection seat trials	1963
19640048599	A frequency response analysis of radiation effects data on electron tubes semiannual report, 1 jun. - 1 dec. 1963	1963
19640048603	Investigation of welding and fabricability of kaiser experimental alloy mr39a monthly research report no. 11, may 1 - jun. 1, 1963	1963
19640048610	Evaluation tests of three flange designs and various seal materials and configurations	1963
19640048613	An engineering design study and test program for the paravulcoon recovery system. proposed plan - wind tunnel test program technical note no. 1	1963
19640048620	Study to evaluate existing re-entry and other flight test data fourth quarterly progress report, dec. 14, 1963 - mar. 13, 1964	1963
19640048625	Initial concept for a lunar base midterm progress report <15 jul. - 15 sep. 1963<	1963
19640048629	Expeditor tacan - uhf installation	1963
19640048630	Electron tube research fourth quarterly progress report no. 20, 1 sep. - 30 nov. 1963	1963
19640048631	An electronic sampler used for voltage regulation in the external circuit of a hydrogen-air, ion exchange fuel cell	1963
19640048633	Decrement in maximum applied arm forces exerted on a stick-type control column	1963
19640048634	A relationship between ultimate tensile strength and ultimate shear strength for magnesium alloy cast materials	1963
19640048656	A review of the literature on two-phase flow, 1931 to 1962	1963
19640048657	The chimpanzee, a topical bibliography addenda	1963
19640048664	Epitaxial film growth interim technical documentary progress report no. 5 10 sep. - 9 dec. 1963	1963
19640048666	The r.a.r.d.e. no. 2 hypervelocity launcher and range	1963
19640048669	Impregnants for expandable rigidizable aerospace structures	1963
19640048675	Aspects of the radiation cooling of a hot gas	1963
19640048680	Aerodynamic tests of a contoured ramp scramjet nozzle model	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048689	Summary of initial tests of the marquardt model ma117 lace engine	1963
19640048691	An analytical investigation of variable geometry requirements for scramjet engines	1963
19640048701	Investigation of fasteners and fastening techniques quarterly progress report no. 1, 15 aug. - 15 nov. 1963	1963
19640048703	Time-variant communication channels	1963
19640048707	Study of microwave generation by means of electron beam interaction with anisotropic media quarterly progress report 1 jul. - study of microwave generation by means of electron beam interaction with anisotropic media quarterly progress report 1 jul. - 30 sep. 1963	1963
19640048713	Manned orbital space station, power generation	1963
19640048714	Solar cell state of the art study	1963
19640048715	Development work toward improvement of silicon solar cells	1963
19640048716	Characterization of n/p silicon solar cells	1963
19640048717	New solar cell materials and configurations	1963
19640048718	Mechanical configuration and concentration technique	1963
19640048719	Improvement of array efficiency	1963
19640048720	Hard radiation-effects on solar cells	1963
19640048754	Development of manufacturing process for compound-free beta titanium alloy interim progress report no. 3, 1 oct. - 31 dec. 1963	1963
19640048755	Semiconductor microwave amplitude and phase modulator quarterly report no. 1, may 15 - aug. 15, 1963	1963
19640048756	Semiconductor microwave amplitude and phase modulator quarterly report no. 2, aug. 15 - nov. 15, 1963	1963
19640048760	Theory of the mossbauer effect	1963
19640048781	Applied research and advanced technology investigations of the supersonic combustion ramjet engine first quarterly progress report, 1 jan. - 31 mar. 1963	1963
19640048803	Experimental evaluation of a regeneratively cooled leading edge structure for a supersonic combustion ramjet engine	1963
19640048804	Toxicological range-finding on new propellants	1963
19640048807	A wide band vhf-uhf power noise generator interim engineering report, 1 jul. - 1 oct. 1963	1963
19640048817	Pilot plant operations technical progress report, 1 sep. - 30 nov. 1962	1963
19640048842	A study of stabilization procedures for high resolution telescope instruments on manned space vehicles final report	1963
19640048850	Bibliography of research and development reports on the centaur program for third quarter 1963	1963
19640048859	Computer Program for Least Squares Regression Analysis	1963
19640048861	Study of if transformers for single sideband operation addendum to the final report, 1 feb. 1960 - 30 oct. 1963	1963
19640048865	A synthesis method for the design of ion propulsion guns	1963
19640048884	Reflection of 0.7 and 1.3 kc/5 sound from the deep bering sea floor	1963
19640048888	Research relating to fuel cells hydrogen diffusion electrode quarterly progress report no. 4, jul. 1 - sep. 30, 1963	1963
19640048893	Water recovery study quarterly report, jul. - sep. 1963	1963
19640048895	Test of the avco transition-studies models in the jpl 21-inch hypersonic wind tunnel	1963
19640048896	<miniaturized three-component seismograph and study and experimentation related to extension of a lunar seismic refraction array> report of progress, mar. 16 - jun. 16, 1963	1963
19640048901	Catalogue of unclassified reports and technical notes issued by aerodynamics department in 1962	1963
19640048907	Communications satellites - a bibliography	1963
19640048909	Signaling with frequency-shift-keyed cosine waves	1963
19640048910	Small signal semiconductor composites quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640048911	Optimal launch booster control progress report, jun. 1963	1963
19640048912	Test results of a gas jet stabilization control system	1963
19640048933	An x-ray examination of imperfections in synthetic ruby crystals. c.v.d. research project rp3-27	1963
19640048935	Inflatable micrometeoroid paraglider materials evaluation report	1963
19640048939	Research on a magneto-acoustic information storage system final report, 4 mar. - 4 dec. 1963	1963
19640048941	Orbiting astronomical observatory human engineering progress report, 12 jun. - 15 sep. 1963	1963
19640048943	Flox in atlas oxidizer system third monthly progress report, 30 sep. - 27 oct. 1963	1963
19640048955	The influence of splenectomy on the peripheral blood response and survival of animals subjected to whole body x-irradiation	1963
19640048956	The effects of x-irradiation on the biological activity of cottonmouth moccasin /agkistrodon piscivorus/ venom	1963
19640048961	Structural cryogenic insulation for liquid- fuel rockets	1963
19640048964	Evaluation of thin film corrosion indicators technical documentary report, feb. 1960 - feb. 1962	1963
19640048965	New and improved materials for expandable structures. phase i- weaving of stranded metal yarns	1963
19640048966	Investigation of polymers for measurement of forces and small displacements at high temperatures	1963
19640048967	Nuclear ramjet propulsion system applied research and advanced technology /project pluto/ vol vi- structural materials investigations final technical summary report, 1 jan. - 31 dec. 1962	1963
19640048970	Stress corrosion cracking in martensitic high strength steels quarterly progress report, aug. - oct. 1963	1963
19640048971	Frequency temperature compensation techniques for quartz crystal oscillators first quarterly report, 1 jul. - 30 sep. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048974	Synthesis and formulation of inorganic bonded- inorganic fiber reinforced non-metallic structural materials quarter report, apr. 1 - jun. 30, 1963	1963
19640048980	Megatron accelerator progress report semi- annual report, 15 apr. - 15 nov. 1963	1963
19640048981	Observations on runaway electrons	1963
19640048982	Microwave resonance technique for electron density measurements in a decaying plasma	1963
19640048991	Ship hydrodynamics in western germany	1963
19640048999	Noise reduction in microwave tubes final report, 15 oct. 1962 - 15 oct. 1963	1963
19640049004	Research on thin film tunnel cathodes, recombination cathodes, and similar cold cathodes fourth quarterly progress report, 1 sep. - 30 nov. 1963	1963
19640049006	Optimal adaptive estimation of sampled stochastic processes	1963
19640049007	Quarterly research review no. 7, 1 october - 31 december 1963	1963
19640049009	Nonlinear semiconductors at millimeter frequencies second quarterly report, 1 sep. - 30 nov. 1963	1963
19640049011	Scan-conversion storage tube based upon the permachon fourth quarterly progress report, 1 oct. 1963 - 31 dec. 1963	1963
19640049012	Organic film tunneling effects and devices final report, nov. 1, 1962 - oct. 31, 1963	1963
19640049022	Feasibility study for high power crossed-field amplifiers first quarterly progress report, 25 jun. - 30 sep. 1963	1963
19640049027	Low noise transverse wave quadrupole amplifier final report, apr. 1962 - jul. 1963	1963
19640049049	Continued development testing of a yj93-ge-3 turbojet engine in an altitude test cell	1963
19640049052	<measurement of radionuclides in meteorite material< progress report, 15 sep. 1962 - 15 mar. 1963	1963
19640049053	Rift program data submittal document	1963
19640049057	On the relationship between photopigment concentration and visual sensitivity	1963
19640049065	Contaminant freeze-out in heat exchangers. volume i- program summary and fog separator investigation technical report, apr. 1962 - jun. 1963	1963
19640049075	Hypergolic Ignition of Solid Propellants Under Dynamic Flow Environment Monthly Status Report No. 11, 1-31 May 1963	1963
19640049076	Investigation of fundamental hypergolic ignition phenomena under dynamic flow environments third quarterly progress report, 1 jan. - 31 mar. 1963	1963
19640049080	Ultraviolet ground-based measurements of missile plume radiation	1963
19640049089	Noise measurements as a tool in electron device research fourth quarterly progress report, 1 sep. - 31 dec. 1963	1963
19640049090	Research for high temperature elastomeric insulation materials quarterly progress report no. 4, 15 may - 15 aug. 1963	1963
19640049091	Research for high temperature elastomeric insulation materials quarterly progress report no. 5, 15 aug. - 15 nov. 1963	1963
19640049103	A new method of measuring thermal accommodation coefficients	1963
19640049108	The institute for the study of metals	1963
19640049110	Monthly Status Report No. 7, 1 January - 31 January 1963	1963
19640049111	Post-Nova Launch Vehicle Study. Volume V- Mechanisms, Support Equipment, Test Equipment, Reliability Investigations Final Report, Phase I and II	1963
19640049120	Study of a Manned Mars Landing Mission Using a Mars Orbit Rendezvous Profile Study Report	1963
19640049123	Nimbus Program Requirements Document	1963
19640049124	Manned Orbital Laboratory (Zero-G) Saturn V Class Midterm Review	1963
19640049125	Ballistic logistics spacecraft study mid-term review	1963
19640049127	Design study of a hybrid hover motor interim report no. 1	1963
19640049128	<dose rate calculations for radiation coming from the activated nak in the snap 10a system and nak and hg in the snap-2< monthly progress report, period ending 30 nov. 1963	1963
19640049134	Sizing study - operational nuclear vehicle saturn vn	1963
19640049135	Project fire seventh quarterly technical progress report, 1 oct. - 31 dec. 1963	1963
19640049136	Recommendations for the choice of the velocity of injection of a film coolant	1963
19640049138	A review of slotted-wall wind-tunnel interference effects on oscillating models in subsonic and transonic flows	1963
19640049139	Measurement of heat transfer to a hemisphere iv high enthalpy argon and nitrogen streams in a plasma jet wind tunnel	1963
19640049150	The effects of high intensity light on plant growth semi-annual report, jun.-dec. 1963, pt. 1	1963
19640049151	The use of pathogen free plants in a microcosm semi-annual report, jun.-dec. 1963, pt. ii	1963
19640049155	Film cooling in incompressible turbulent flow- proposals for theoretical models of the film-cooling process	1963
19640049156	Film cooling in incompressible turbulent flow- a revised and collective presentation of the data for the adiabatic wall temperature	1963
19640049157	Film cooling in incompressible turbulent flow- examination of experimental data for the adiabatic wall temperature	1963
19640049164	Analytical control methods for nickel electrode impregnating solutions	1963
19640049167	A pressure ratio meter of wide range for use in a wind tunnel	1963
19640049172	Microwave ferroelectrics final report 15 sep. 1961 - 14 sep. 1963	1963
19640049174	Orthogonal expansion applied to the design of threshold-element networks	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049176	Wave propagation under anomalous conditions. measurement of the charge neutralization rate between no- and o - final report, 15 jun. 1962 - 15 nov. 1963	1963
19640049178	Development of electron gun with non- intercepting grids second quarterly progress report, 16 aug. - 15 dec. 1963	1963
19640049181	Research on microwave window multipactor and its inhibition sixth quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640049184	Soluble carbonaceous fuel-air fuel cell final report, 1 jan. 1963 - 31 dec. 1963	1963
19640049185	Fabrication and delivery of arcas sounding rocket systems ex 6 mod 0 and ex 6 mod 1, june 1, 1959 - may 1963	1963
19640049188	01 solid-state techniques for modulation and demodulation of optical waves fourth quarterly progress report, 1 feb. - 30 apr. 1963	1963
19640049189	The structural stability of welds in columbium alloys quarterly progress report no. 2, 1 aug. - 1 nov. 1963	1963
19640049190	Investigation of factors affecting early exploitation of integrated solid circuitry. volume iv- logistic support for integral electronics interim technical documentary progress report, 1 apr. - 1 jul. 1963	1963
19640049191	Investigation of the relationship of twinning to brittle fracture of refractory metals second quarterly progress report	1963
19640049192	Determination of mechanical and thermophysical properties of coated refractory and superalloy thin sheet fourth progress report, 1 apr. - 30 jun. 1963	1963
19640049193	Probability and mathematical statistics	1963
19640049194	Reserarch on pressure baked graphite materials quarterly progress report, 1 jul. - 1 oct. 1963	1963
19640049195	High-temperature dependence of the infrared spectra of selected dielectrics quarterly status report no. 3	1963
19640049196	Determination of mechanical and physical property data of several foil gage refractory alloys and superalloys second quarterly progress report, 16 aug. - 15 nov. 1963	1963
19640049197	Advancement of high temperature protective coatings for columbium alloys /ii/ second interim technical progress report, 16 jun. 1963 - 16 oct. 1963	1963
19640049198	<electron densities calculated by modified separated atom method and unoccupied molecular orbital method< quarterly summary report, 1 jul. - 30 sep. 1963	1963
19640049200	Development of protective coating for tantalum base alloys quarterly progress report 1, 1 jun. - 31 aug. 1963	1963
19640049206	A bibliography on thin panel aeroelastic behaviour	1963
19640049208	The aerodynamics department automatic digital graph plotter - its capabilities and operating procedure	1963
19640049212	Comments on nucleate boiling heat transfer correlations and suggestions for evaluating the number of boiling sites	1963
19640049213	Catalogue of all unclassified technical notes and reports published by the metallurgy and physics departments from september 1945 to november 1962	1963
19640049217	A comparison of six vertical speed indicator presentations	1963
19640049218	Integrated precision tuning system ninth quarter progress report, 1 sep. - 30 nov. 1963	1963
19640049219	Production and investigation of highly ionized plasmas final technical report	1963
19640049226	Density of sodium between 0 degrees c and the melting point	1963
19640049243	Magnetic ionization experiment /mix/ technical documentary report, dec. 1962 - may 1963	1963
19640049254	High power c-w s-band traveling-wave tube evaluation final report, 15 apr. - 16 dec. 1963	1963
19640049261	Production engineering measure- diode, silicon power, controlled rectifiers scs-66, scs-67, scs-68, scs.-69 quarterly progress report covering period dec. 1963	1963
19640049262	Automated solution of combined interference matrices second quarterly report, 15 sep. - 15 dec. 1963	1963
19640049263	Millimeter generation and nonlinear propagation in ferromagnetics quarterly report no. 4, 1 jul. - 30 sep. 1963	1963
19640049269	Noise measurements as a tool in electron device research second quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640049290	Research at the stanford center for radar astronomy semi-annual status report no. 1, 1 jan. - 30 jun. 1963	1963
19640049293	Computer codes for the evaluation of space radiation hazards. vol. 8- space radiation doses from protons and their secondary radiations	1963
19640049294	Computer codes for the evaluation of space radiation hazards, volume 1	1963
19640049295	Computer codes for the evaluation of space radiation hazards. volume 2- van allen radiation	1963
19640049296	Computer codes for the evaluation of space radiation hazards. volume 3- apollo sector analysis	1963
19640049297	Computer codes for the evaluation of space radiation hazards. vol. 4- space radiation doses from electron bremsstrahlung radiation	1963
19640049298	Computer codes for the evaluation of space radiation hazards. volume 5. electron monte carlo	1963
19640049299	Computer codes for the evaluation of space radiation hazards. volume 6. electron transmission	1963
19640049300	Computer codes for the evaluation of space radiation hazards. volume 7. space radiation doses from primary protons	1963
19640049316	Proposal for the integrated electronics system /navigation guidance, and control/ for the logistics spacecraft	1963
19640049340	Traveling wave tube standardization survey, volume ii final technical engineering report, apr. 1961 - apr. 1962	1963
19640049342	Metal base transistor second quarterly progress report, 1 oct. - 31 dec. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049344	Transistor, vhf, silicon, power /50w - 150mc/ second quarterly report, 1 oct. - 31 dec. 1963	1963
19640049345	Standardization engineering practices study. free space interferometer for dielectric measurements on sheets addendum to third quarterly progress report, 1 mar. - 31 may 1963	1963
19640049349	Silicon semiconductor networks manufacturing methods interim technical engineering report, jun.-sep. 1963	1963
19640049361	Scientific report on the initial phase of a basic system study for vector magnetic field measurements from a javelin rocket nose cone scientific report no. 1, 1 dec. 1962 - 1 dec. 1963	1963
19640049371	Frequency temperature compensation techniques for quartz crystal oscillators final report, 1 jul. 1962 - 30 jun. 1963	1963
19640049382	Stability analysis of saturn block ii, s-iv stage flight	1963
19640049384	Data processing central and electronic data transmission communication complex interaction for multiple computer complex	1963
19640049385	Development of tunable preselectors /experimental model/ sixth quarterly progress report, 15 sep. - 14 dec. 1963	1963
19640049388	Research and development of a phased-array module second quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640049389	Impregnants for expandable rigidizable aerospace structures final summary report, 1 may - 31 dec. 1963	1963
19640049396	Airframe support of a boilerplate air separator. air enrichment program final report. may 1962 - jun. 1963	1963
19640049397	High-temperature air enrichment program	1963
19640049399	Optical surveillance component techniques final report	1963
19640049405	Combustion evaluation of fuel injector designs in a model scale hypersonic ramjet combustor report 6030	1963
19640049406	Air collection engine interaction analysis report 6038	1963
19640049413	Ramjet performance and design sensitivity studies report no. 6025, 1 oct. 1962 - 30 nov. 1963	1963
19640049441	Research in conventional and unconventional fuels first quarterly report	1963
19640049448	Measurement of the phase centers of antennas	1963
19640049459	Millimeter wave launching devices and techniques second quarterly report, 15 jun. - 15 sep. 1963	1963
19640049469	Development of a 2 kw x-band crossed-field amplifier second quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640049471	The rotation and mass of ngc 3521	1963
19640049480	Study of a Hybrid Hover Motor Monthly Letter Report No. 2, 5 Apr. - 8 May 1963	1963
19640049494	Symposium on aircraft take-off and landing problems	1963
19640049495	The case for take-off monitors and directors	1963
19640049496	Consideration of a take-off monitor	1963
19640049497	Preliminary flight tests on take-off directors	1963
19640049498	Investigation of slush effect on take-off - progress and plans	1963
19640049499	The effect of water on tyre/runway friction	1963
19640049500	Flight simulators and the study of aircraft handling characteristics	1963
19640049501	A proposed development of the i.l.s. localiser to the standards required for automatic landing	1963
19640049502	Cockpit displays and the possible applications of a collimated head-up display	1963
19640049503	The operators' point of view	1963
19640049506	Applied research in thin-film field-emission tubes fifth quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640049508	Millimeter generation and nonlinear propagation in ferromagnetics report no. 5, 1 oct. - 31 dec. 1963	1963
19640049525	Rift Integrated Test Plan, Volume I	1963
19640049533	Hydraulic and mechanical components qualification and reliability test program for saturn s-1 stage september progress report	1963
19640049535	An investigation of the optical properties of materials at room and liquid helium temperatures final report	1963
19640049544	Computer program for the determination of chemically reacting flow fields by the method of characteristics technical documentary report, oct. 1962 - oct. 1963	1963
19640049546	Solderability of terminals and aging final report, 1 sep. 1962 - 31 dec. 1963	1963
19640049548	Research on phosphorus-containing and other inorganic and semi-organic polymers technical documentary report, 15 oct. 1962 - 31 dec. 1963	1963
19640049549	Research investigations on photo facsimile transmission techniques sixth quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640049550	Measurement of the temperature dependence of minority carrier mobility in a transistor base region	1963
19640049554	Research on inorganic polymer systems	1963
19640049566	Range study of national instrumentation ship needs, 1964 - 1968, appendix d	1963
19640049574	Lightning protection for saturn launch complex 39	1963
19640049575	The Thermal Analysis of Anode and Cathode Regimes in an Electric Arc Column Summary Report	1963
19640049578	Testing of dual output accelerometers for use with the shrike missile and an/ajb-3a bombing system, phase i	1963
19640049582	3.2 millimeter wave magnetron research and development final report, phase i, 1 jul. 1962 - 31 dec. 1963	1963
19640049585	Ionospheric research quarterly progress report, 12 sep. - 11 dec. 1963	1963
19640049587	Development of pnp high speed switching transistor quarterly report no. 3, 1 oct. - 31 dec. 1963	1963
19640049611	Reliability test report for the pressure switch, pn 10437818. saturn launch complex reliability test program	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049612	Reliability test report for the back pressure regulator, mfg.-vacco valve company vpn bpr6p-x466-04. saturn launch complex reliability test program	1963
19640049613	Reliability test report for the swing arm control switch assembly, pn 75m00520. saturn launch complex reliability test program	1963
19640049614	Reliability test report for the thermocouple reference junction /pn10465317/ differential amplifier /pn10465315/ thermocouple /pn 10465310/. saturn launch complex reliability test program	1963
19640049615	Reliability test report for the pressure reducing regulator, pn 10428542. saturn launch complex reliability test program	1963
19640049621	Transistor, vhf, silicon, power /50w - 150mc/ first quarterly report, 1 jul. - 30 sep. 1963	1963
19640049625	The strain distribution in a biaxially stretched diaphragm of solid propellant	1963
19640049633	High temperature coatings for space vehicles which are transparent to visible electromagnetic radiation	1963
19640049645	Summary of cryogenic compressor studies for advanced lase and air collection systems technical documentary report, 1 oct. 1962 - 31 oct. 1963	1963
19640049646	Secondary Injection Thrust Vector Control Study Fifth Monthly Progress Report, November, 1963	1963
19640049656	Advanced Control System for Saturn V Configuration, Phase I	1963
19640049658	Standardization engineering practices study- high frequency characteristics of ceramic materials final report, 1 sep. 1962 - 30 sep. 1963	1963
19640049660	14 inch wind tunnel spark shadowgraph system	1963
19640049665	A literature survey of lubricants for titanium /1955-63/	1963
19640049668	The analysis of records obtained from target aircraft camera systems	1963
19640049671	The continuous measurement of local mixture ratio in rocket engines by a mass spectrographic technique	1963
19640049687	Report on the consolidated ccitt study group meeting held in melbourne, australia, october 1963	1963
19640049691	Applied research investigation of a micro- miniature angular rate sensing technique final report, sep. 1962 - jun. 1963	1963
19640049698	Base stock characterization and formulation development for high temperature gas turbine lubricants technical documentary report, 1 feb. - 30 oct. 1962	1963
19640049702	Zirconia fibrous insulations technical documentary report, 15 jun. 1962 - 15 jun. 1963	1963
19640049703	Polycrystalline ceramic fiber reinforcement for high-temperature structural composites	1963
19640049705	Fuselage Fail-Safe Design Data and Bomb Resistant Analysis for the Supersonic Transport. First Quarterly Report, 1 May - 31 Jul. 1963	1963
19640049708	Exploratory studies of mechanical cycling fatigue behavior of materials for the supersonic transport fifth quarterly progress report, jul. 1 - sep. 30, 1963	1963
19640049710	Investigation of the relationship of twinning to brittle fracture of refractory metals	1963
19640049713	Research program for the long term testing of cylindrical diodes and the radiation of fuel and insulator quarterly progress report, 18 sep. - 17 dec. 1963	1963
19640049714	The measurement of range-while-search with a high-prf pulse doppler radar	1963
19640049743	Manned orbital space station- power conversion and control study progress report	1963
19640049744	Manned orbital space station- leak detection system	1963
19640049746	Aer valco 1 in. manual valve for 6,000 psig pneumatic service test report no. 10817	1963
19640049749	The detection and measurement of oxygen in aircraft fuel tanks	1963
19640049752	Performance analysis of a family of solid propellants with details of the computer programme and the theoretical method used	1963
19640049756	Mechanical properties of stress-relieved stretched aluminum alloys quarterly report, sep. 15 - dec. 15, 1963	1963
19640049758	Study of noise in semiconductor devices first report, aug. 1 - nov. 30, 1963	1963
19640049764	Studies of guidance systems for future space vehicles final report	1963
19640049766	Design, fabrication, and testing of a cesium ion rocket engine third quarterly progress report, 1 mar. - 31 may 1963	1963
19640049768	Turbulence measurements with hot wire anemometers	1963
19640049771	Preliminary design lunar orbiter photographic payload final report	1963
19640049772	Instrumentation operations analysis, mariner r /mr-2/	1963
19640049775	An atlas of infrared spectra of flames. part three. nitrogenous liquid propellants	1963
19640049776	Effect of processing variables on crack propagation of high-strength steels and titanium. fracture micromechanics in high- strength steels quarterly progress report, 1 sep. - 15 nov. 1963	1963
19640049779	Improved graphite materials for high-temperature aerospace use quarterly progress report, 1 aug. - 31 oct. 1963	1963
19640049780	High temperature shock tube co2-transmission measurements at 4.25mu	1963
19640049781	Design and development of antenna group for direction finder sets an/prd-7 // and an/prd-8 // final report, 28 jun. 1960 - 5 sep. 1963	1963
19640049782	Study of reactions between metal halides and amine hydrohalides final report	1963
19640049783	Semiconductor reliability final report	1963
19640049784	Molybdenum alloy extrusion development program final report, 15 jun. 1960 - 24 mar. 1963	1963
19640049786	Evaluation of large launch vehicles summary report	1963
19640049807	Hydraulic jack stroking tests on various seals working in dp47 /silcodyne h/ silicone fluid	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049820	Ultrasonic wave propagation and interaction in solid materials quarterly progress report, 1 jun. - 1 sep. 1963	1963
19640049835	Design and fabrication of a multiple function hydrogen control valve technical documentary note, 1 oct. 1962 - 30 nov. 1963	1963
19640049838	Research investigation on mechanical properties of nickel and cobalt base alloys for inclusion in military handbook-5, june 8 - september 8, 1963	1963
19640049839	Proceedings of space lubrication conference	1963
19640049840	Microwave ferroelectric phase shifters and switches second quarterly report, 15 sep. - 15 dec. 1963	1963
19640049841	Process development for deformed metastable austenitic ultrahigh-strength steel interim technical documentary progress report, no. 4, 1 aug. - 31 oct. 1963	1963
19640049842	Interface damping at riveted joints. part 11- damping and fatigue measurements	1963
19640049843	On the polarization potential for electrons in the field of an atom or trunk of an atom translation no. 3-63	1963
19640049844	Bureau of ships reliability design handbook	1963
19640049849	Faa automatic weather broadcast equipment for vor final report	1963
19640049850	Skirt-jet landing decelerator program /wa 25008/25020/ final report	1963
19640049860	Saturn V Project Development Plan	1963
19640049907	The manufacture of refractory oxides and nitrides by the method of reaction sintering	1963
19640049908	Precision glass crystal units final report, 1 may 1961 - 31 jan. 1963	1963
19640049911	Electromagnetic theory of wire-grid lens antenna first quarterly progress report, apr. 30 - jul. 31, 1963	1963
19640049912	Electromagnetic theory of wire-grid lens antenna second quarterly progress report, aug. 1 - oct. 31, 1963	1963
19640049913	The synthesis of nonlinear feedback shift registers technical report no. 6207-1	1963
19640049921	Ssb and vhf crystal filters /70 to 150 mc/ quarterly progress report, 16 sep. - 15 dec. 1963	1963
19640049924	Investigation of friction , wear, and failure in aerospace bearings progress report no. 2,	1963
19640049946	Thermoelectric materials for power conversion quarterly progress report, aug. 1 - oct. 31, 1963	1963
19640049950	Study of distortion in klystrons and traveling-wave tubes second quarterly progress report, 1 sep. - 31 nov. 1963	1963
19640049973	<development of compositions of glasses with improved chain structures of silica tetra- hedra< quarterly progress report, 1 dec. 1962 - 28 feb. 1963	1963
19640049980	Evaluation of sylvania large-area silicon epitaxial diodes	1963
19640049987	Development of gas-entrained powder lubricants for high-speed and high-temperature operation of spur gears progress report, 1 jun. - 1 sep. 1963	1963
19640049993	Feasibility demonstration of a silent, smoke- less hand weapon	1963
19640049996	OMSF Program Supporting Research Projects, Part II Semi-annual Progress Report, Jul. 1, 1962 - Jan. 1, 1963	1963
19640050002	Research in fluoro-nitro compounds summary report, 1 sep. 1962 - 30 sep. 1963	1963
19640050040	Study of automatic routing in a switched system utilizing saturation signaling third quarterly report, 1 oct. - 31 dec. 1963	1963
19640050053	A Study of the Application of Solid Propellant Motors to Future Saturn C-1 Class Vehicles. Volume II- Technical Analysis Final Report	1963
19640050054	A Comparative Design Study of Modular Stage Concepts for Lunar Supply Operations. Volume IIA- Technical Report (Sections 1-6) Final Report, 28 Jun. - 28 Nov. 1963	1963
19640050065	Film cooling in incompressible turbulent flow - examination of experimental data for the adiabatic wall temperature	1963
19640050069	High-accuracy satellite tracking systems final report, 20 apr. 1961 - 31 oct. 1963	1963
19640050070	Project mercury ma-9 experiments	1963
19640050071	Manned mars landing and return mission study second quarterly report	1963
19640050073	Applied research program. research summary, january - june 1963	1963
19640050086	The effects of high altitude nuclear explo- sions on the propagation of v.l.f. waves	1963
19640050094	System conceptual design for rift electrical ground support equipment at nrds facilities	1963
19640050095	Nerva-rift interface workbook, 15 may 1963	1963
19640050096	Thermomechanical strains in laminated axisym- metric bodies under axisymmetric heat fluxes	1963
19640050097	Rift sunnyvale complex hydrostatic/structural test complex requirements	1963
19640050098	Rift sunnyvale complex data link cableway re- quirements	1963
19640050099	Rift radiation effects, irradiations no. 1 and 3 electrical cables	1963
19640050100	Rift nine-foot tank operations test plan	1963
19640050102	Saturn instrument unit development and test	1963
19640050103	Rift electrical system documentation for ground support equipment. section a- production assembly facility and cold flow facility /conceptual/	1963
19640050104	Rift quality assurance program plan	1963
19640050105	Rift monthly technical progress report no. 17, nov. 1963	1963
19640050106	Rift electromagnetic interference /emi/ survey. propellant tank fabrication, research and development facility /ptf/	1963
19640050107	Rift presentation for mechanical design integration meeting, marshall space flight center, 28 august 1963	1963
19640050109	Rift service systems gse conceptual design report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050110	Lockheed presentation for the nerva - rift thrust vector control/mechanical/shielding interface review meeting, space nuclear pro- pulsion office, cleveland, 9 july 1963	1963
19640050111	Remote operations on the nrds test stands, phase i	1963
19640050112	Rift onsite transporter concept	1963
19640050113	Rift radiation effects program, irradiation no. 2- liquid propellants	1963
19640050122	Rift s-n stage internal systems preliminary conceptual design report	1963
19640050127	Rift manufacturing plan. volume 2- manufac- turing plan	1963
19640050128	Rift manufacturing plan. volume 3- experi- mental tool program	1963
19640050129	Rift manufacturing plan. volume 4- assembly facility activation plan	1963
19640050133	Rift stage overall program plan	1963
19640050135	Preliminary survey of secondary injection thrust vector control	1963
19640050153	Zero gravity pool boiling	1963
19640050159	Research on thin film tunnel cathodes, recombination cathodes, and similar cold cathodes third quarterly progress report, 1 jun. - 31 aug. 1963	1963
19640050197	Digital reporting system technical progress report no. 2, aug. 1963	1963
19640050206	Microwave propagation through plasmas	1963
19640050208	Irradiation test of ebw firing unit	1963
19640050222	Ion rocket engine system research and develop- ment quarterly report, 27 dec. 1962 - 27 mar. 1963	1963
19640050223	Ion rocket engine system research and develop- ment quarterly report, 27 mar. - 27 jun. 1963	1963
19640050224	Ion rocket engine system research and develop- ment quarterly report, 27 sep. - 31 dec. 1963	1963
19640050229	Mariner 'b' flight command subsystem and command test console final report	1963
19640050238	Lunar surface considerations for the logistics vehicle study	1963
19640050241	The evaluation of high temperature materials quarterly progress report, 1 jun. - 31 aug. 1963	1963
19640050248	Ranger engineering sequential photography reference handbook	1963
19640050263	A four-channel automatic recording system for propellant evaluation	1963
19640050269	Electrical, mechanical and thermal properties of hot pressed and sintered beryllium oxide	1963
19640050274	Preliminary investigation of the feasibility and potential of a liquid core nuclear rocket	1963
19640050280	A selected bibliography and summary of arti- cles on automatic control, january 1963 - november 1963, volume ii	1963
19640050287	Design environments for missions to mars and venus	1963
19640050292	Range safety- step-child of the systems approach	1963
19640050336	The effect of wind tunnel screens on 'two- dimensional' boundary layers	1963
19640050348	Porous ionizer development and testing first quarterly report, 28 jan. - 30 apr. 1963	1963
19640050371	Powerplants for v/stol aircraft	1963
19640050396	Jet V/STOL Aircraft	1963
19640050398	Reusable 10-ton orbital carrier vehicle. volume iii- appendixes a, b, and c final report, phase i	1963
19640050409	Some observations on surface deformation round cracks in stressed sheets	1963
19640050413	Investigation of fracture toughness in high- strength alloys progress reports, 15 sep. 1962 - 15 feb. 1963	1963
19640050438	Estimated performance of lift-cruise separate tailpipe turbofan powerplants stf-192f	1963
19640050441	Engineering and productization of an integrated family of backward wave oscilla- tors final report	1963
19640050446	Temporal and spatial variations of the tem- perature and sound speed in the tongue of the ocean, bahamas informal manuscript report no. 0-33-63	1963
19640050447	Bottom loss in the tongue of the ocean - spring 1962. part 1- weapons range informal manuscript report no. 0-42-63	1963
19640050464	Study of dynamic and static seals for liquid rocket engines, volume 2 final report, feb. 26 - nov. 30, 1963	1963
19640050485	Research on high temperature protective coatings for graphite progress report, 1 jul. - 30 nov. 1963	1963
19640050486	Diffusion studies, task a1-2 and b1-1	1963
19640050487	Mechanical compatability of iridium with graphite, task b1-2	1963
19640050488	Chemical reactions of oxides, task b2-1	1963
19640050489	Reactions of iridium and rhodium with barrier materials, task c1-1	1963
19640050491	Turbojet engine analyzer design study	1963
19640050499	Development of design criteria relative to wind-induced oscillations of the saturn booster in the vertical launch position monthly progress report, nov. 1963	1963
19640050501	Evaluation of advanced checkout and mainte- nance for lunar phases milestone report no. 12	1963
19640050502	Production techniques for application of ablative coating - saturn	1963
19640050503	Apollo wind tunnel model nomenclature	1963
19640050504	Feasibility study of the decor concept for a saturn altimeter 2nd monthly progress report, may 1963	1963
19640050508	Traveling wave tube standardization survey, volume i final technical engineering report, apr. 1961 - apr. 1962	1963
19640050512	Coding for adaptive capability in random- channel combinations technical report 6104-8	1963
19640050539	Performance of saturated cryogenic gaseous hydrogen in thrust nozzles	1963
19640050542	Research in electron emission from semiconductors first quarterly report, 1 may - 31 jul. 1963	1963
19640050545	Purification of organic compounds by thermal diffusion first quarterly progress report, jul. 1 - oct. 1, 1963	1963
19640050548	Failure effect analysis of ground support equipment for saturn i, block ii vehicles	1963
19640050568	The performance of a centrebody propelling nozzle with a parallel shroud in external flow, part i	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050570	Preliminary mechanical property evaluation of 250 and 300 grade 18 ni maraging steel test report	1963
19640050592	Electronic switching for communications system final report, jan. 1962 - dec. 1962	1963
19640050595	Research to obtain high-strength continuous filaments from type 29-a glass formulations technical documentary report, 15 may 1962 - 30 nov. 1963	1963
19640050620	Feasibility study of nasa saturn c-3 trans- porter/launcher model 4918	1963
19640050625	Launch operations center progress report /technical/, december 13, 1962 - january 12, 1963	1963
19640050637	A report on the guidance system for the lunar logistics vehicle	1963
19640050652	Guidance, navigation and electronic equipment study for lunar logistics system lem bus	1963
19640050656	Liquid Propellant Research Evaluation Sixth Quarterly Report, 1 Apr. - 30 Jun. 1963	1963
19640050677	Gemini Spacecraft Study for MORL Ferry Missions Fourth Progress Report, 1 Sep. - 30 Sep. 1963	1963
19640050708	Rift electromagnetic interference control plan	1963
19640050712	Thermophysical properties of rubidium and cesium	1963
19640050715	Rift electrical system documentation for ground support equipment. section a- production assembly facility and cold flow facility <conceptual>	1963
19640050744	Extended Mission Apollo Final Technical Review	1963
19640050749	Solid-Boosted Nova Vehicle System Study. Volume II- Current-Technology Vehicle Final Report	1963
19640050750	Ranger vi and ranger vii supplementary range safety trajectory data, volume iii	1963
19640050807	Development of improved cutting tool materials interim progress report, 1 nov. - 28 feb. 1963	1963
19640050808	Development of improved cutting tool materials interim progress report, 1 mar. - 1 jun. 1963	1963
19640050809	Development of improved cutting tool materials interim progress report, 1 jun. - 1 sep. 1963	1963
19640050810	Development of improved cutting tool materials quarterly progress report, 1 sep. - 30 nov. 1963	1963
19640050825	Quartz crystal reliability studies third quarterly progress report, 5 oct. 1962 - 5 jan. 1963	1963
19640050840	Study on application of nuclear electrical power to manned orbiting space stations. phase i- feasibility studies and parametric data	1963
19640050901	Single crystal hexagonal ferrites first quarterly progress report, 15 apr. - 14 jul. 1963	1963
19640050902	Research on organic depolarizers eighth quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640050903	Energy exchange phenomena in electric arcs and their application to aerospace technology	1963
19640050904	Hollow glass fiber reinforced laminates progress report, 15 jun. - 30 sep. 1963	1963
19640050905	Research on dielectrics for microwave electron devices fourth quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640050907	Instruction manual weather radar scan-convert- er final report	1963
19640050908	Interference reduction techniques for nonlinear devices first quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640050913	3-millimeter waveguide components eighth quarterly report, 1 apr. - 30 jun. 1963	1963
19640050914	Rolling improved beryllium sheet. phase iv- production interim engineering progress report, 17 may - 31 aug. 1963	1963
19640050915	Crystal chemistry studies quarterly progress report, 1 may - 31 jul. 1963	1963
19640050916	Study of frequency-independent antennas final report, 15 apr. 1962 - 14 apr. 1963	1963
19640050917	A research program on the utilization of coherent light summary report, apr. 1961 - mar. 1963	1963
19640050918	Fuel cell catalysts final report, 1 jul. 1962 - 30 jun. 1963	1963
19640050923	The st-124 inertial space platform, phase i. radiation study final report	1963
19640050925	Hermetically sealed electrolytic capacitor fifth quarterly report, 15 may - 15 aug. 1963	1963
19640050928	Development of high temperature deposition rig for advanced engine lubricants technical documentary report, mar. 1, 1962 - feb. 28, 1963	1963
19640050929	Some aspects of biternary transmission	1963
19640050930	Densification techniques for refractory metal powder forms interim progress report /phase i/, 1 jun. - 1 oct. 1963	1963
19640050932	Fuel cells quarterly progress report, jul. 1 - sep. 30, 1963	1963
19640050933	Superpower microwave windows second quarterly progress report, 2 apr. - 1 jul. 1963	1963
19640050935	Theoretical discussion of diphase transmission	1963
19640050936	Applied research on field emission cathodes final report, 15 jun. 1962 - 15 jun. 1963	1963
19640050937	Epitaxial overgrowth structures in silicon final progress report, 15 apr. 1962 - 15 jun. 1963	1963
19640050938	Development of production methods for high- temperature coating of large tantalum parts interim engineering progress report, 1 jun. - 31 aug. 1963	1963
19640050939	Studies of microplasmas and high-field effects in silicon quarterly status report no. 112, 1 mar. - 31 may 1963	1963
19640050940	Camera tube with internal image-motion compensation second quarterly progress report, 1 may - 31 jul. 1963	1963
19640050942	Novel microwave filter design techniques second quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640050945	Bulletin of the 5th liquid propulsion symposium, volume 1	1963
19640050946	Study of reverse hybrid propulsion	1963
19640050947	Droplet evaporation as a factor in hybrid rocket operation	1963
19640050948	Experimental hybrid engine design research	1963
19640050949	Investigation of advanced hybrid propellants	1963
19640050950	Recent developments in hybrid propulsion technology	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050951	Review of over-all hybrid rocket program	1963
19640050952	Mechanical throttling of bipropellant rocket engines	1963
19640050953	The throttling valve approach for the surveyor vernier landing engine	1963
19640050954	A high performance variable thrust injector	1963
19640050955	A high performance secondary injection thrust vector control system	1963
19640050956	Thrust modulation of a pressure-fed space engine	1963
19640050957	A nozzle bypass system for thrust vector con- trol- a new concept	1963
19640050958	A review of liquid oxidizer research	1963
19640050959	Review of fuel research	1963
19640050960	A review of the status of gels and slurries	1963
19640050961	Multicomponent propellant systems	1963
19640050962	Multi-component fuels evaluation	1963
19640050963	An experimental evaluation of hybaline a5 fuel	1963
19640050964	The development of the interhalogen-perchloryl fluoride oxidizer systems	1963
19640050965	Evaluation of storable oxidizer mixtures containing tetrafluorohydrazine	1963
19640050966	Complete evaluation of iba, an n-f prototype for liquid propellant applications	1963
19640050967	Optical-maser and coherent-plasma studies final report	1963
19640050969	Bulletin of the 5th liquid propulsion symposium, volume ii	1963
19640050970	Status Report on F-1 Engine Development	1963
19640050972	Progress on prepackaged propulsion system research for army and navy applications	1963
19640050973	Performance of Four Ablatively Cooled Liquid Propellant Rocket Engines in a Simulated Space Altitude Environment	1963
19640050974	Feasibility testing of the monocompound engine	1963
19640050975	Engine design aspects for ablatively cooled hypergolic pulse rockets	1963
19640050976	Design and evaluation of packaged liquid powerplant pressurizing systems by computer simulation	1963
19640050977	Feed System Problems of Cryogenic Propellant Rocket Engines	1963
19640050978	Advanced rocket engine	1963
19640050979	Prediction of ablative behavior in rocket nozzles	1963
19640050981	Liquid propellant thrust chambers ablatively-cooled, long duration	1963
19640050982	Base pressure effects on the thrust perfor- mance of unconventional rocket nozzles	1963
19640050983	Pyrolytic Refractories for Rocket Thrust Chambers	1963
19640050984	Development of cooled refractory metal materials for rocket nozzles	1963
19640050985	Feed system effects in combustion insta- bility	1963
19640050986	Test of a 15-1 throttling ration lh2/lo2 rocket engine in an altitude test facility	1963
19640050987	Sea testing and development of ultra large rocket engines	1963
19640050988	Design of a cryogenic hydrogen propellant facility	1963
19640050989	Application of an Emergency Detection and Decision System to Rocket Engines	1963
19640050990	A low-volume ramjet for supersonic vehicles	1963
19640050991	Energetic boron slurries for advanced tactical propulsion systems	1963
19640050992	Review of Ir typhon and advanced ramjet studies	1963
19640050996	Design and development of an improved recono- tron tube final report, 1 mar. 1962 - 29 jun. 1963	1963
19640050999	Phonon interactions in crystals first quarterly technical report, 15 may - 14 aug. 1963	1963
19640051004	Reflection of radio waves from undulating tropospheric layers technical report no. 2270-4	1963
19640051005	Very high resolution techniques fourth quarterly report, 15 mar. - 15 jun. 1963	1963
19640051008	Study of crossed-field reentrant beam electron devices /magnetron and amplatron/ sixteenth quarterly progress report, 15 mar. - 14 jun. 1963	1963
19640051009	Evaluation of the interim intergrated aircraft instrumentation and letdown system /iiails/ final report	1963
19640051010	Fundamental investigation of the catalytic degradation of hydrocarbon fuels quarterly report, jul. 1 - sep. 30, 1963	1963
19640051011	Vertical velocity measuring system final technical documentary report	1963
19640051012	Ultra-fine particle size ferroelectrics quarterly progress report, apr. 16 - jul. 15, 1963	1963
19640051013	Research investigations on photo facsimile transmission techniques fourth quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640051014	Ultraviolet microscopy feasibility study final report, 2 jan. - 30 jun. 1963	1963
19640051017	Weapon system 133-a- rocket motor m-57-el. wing ii continued development, firing number sd-23, minuteman stage iii final report	1963
19640051018	Weapon system 133-a- rocket motor m-57-el. wing ii continued development, firing number 243d-2-1-73 final report	1963
19640051019	Weapon system 133-a- rocket motor m-57-el. wing ii continued development, firing number sd-20, minuteman stage iii final report	1963
19640051052	Ballistocardiographic changes produced in dogs by intravenous injection of quinidine sulfate <alteracoes balistocardiograficas produzidas no cao pela injeccao endovenosa de sulfato de quinidina>	1963
19640051053	The back diffusion of fast electrons <zur ruckdiffusion schneller elektronen>	1963
19640051060	Magnetic induction gyroscope research and development quarterly technical report no. 6, 1 jun. - 31 aug. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051061	Injection laser study first quarterly progress report, 1 jun. - 31 aug. 1963	1963
19640051064	Manufacturing methods for silicon dendrite solar cells interim engineering progress report, 1 may - 31 jul. 1963	1963
19640051065	Low-power, x-band, plate-pulsed oscillator second quarterly progress report, 1 may - 31 jul. 1963	1963
19640051085	Qkw1132 final engineering report, jun. - dec. 1963	1963
19640051087	Design, development, and test of a prototype self-excited mhd generator semiannual technical summary report	1963
19640051091	Development of optimum processing parameters for refractory metal foil progress report, 1 aug. - 31 oct. 1963	1963
19640051108	Static stability characteristics of the nike- zeus mainstage configuration with reaction control simulation at mach numbers of 4.5 and 8	1963
19640051110	Weapon system 133a- rocket motor numbers xsr11-hp-1 and xsr9-hp-1. thrust reversal system ground level integrity test 14- day report	1963
19640051122	Hypersonic ramjet development planning technical documentary report, 1 oct. 1962 - 30 nov. 1963	1963
19640051129	Vaporizing and endothermic fuels for advanced engine application quarterly progress report no. 1, jun. - aug. 1963	1963
19640051131	Radiation effects parameters in nap applications third monthly progress letter, sep. 1963	1963
19640051133	Hall-effect b-h looper for thin magnetic films	1963
19640051145	Integrated components program, phase ii quarterly progress report, 16 mar. - 15 jun. 1963	1963
19640051146	Integrated components program, phase ii quarterly progress report, 16 jun. - 15 sep. 1963	1963
19640051147	Integrated components program, phase ii quarterly progress report, 16 sep. - 15 dec. 1963	1963
19640051156	Contamination alleviation techniques to prevent heat exchanger fouling technical documentary report, 1 oct. 1962 - 30 nov. 1963	1963
19640051160	Preliminary design analysis of a 10,000-lb thrust lace engine technical documentary report, 1 oct. 1962 - 30 nov. 1963	1963
19640051162	Altitude test of two thiokol te-380, apollo tower jettison rocket motors /motor serial numbers ad-10 and ad-11/	1963
19640051166	X-band tube-and-cavity combination oscillator first quarterly progress report, 1 may - 31 jul. 1963	1963
19640051169	Radiation effects parameters in nap applications first quarterly progress letter, jun. - aug. 1963	1963
19640051170	Thermophysical properties of rubidium and cesium seventh quarterly progress report, jul. - sep. 1963	1963
19640051180	Saturn launch complex 37 automatic ground control station acoustic and vibration study	1963
19640051200	Heat exchanger structural evaluation program for the period 1 october 1962 to 31 october 1963	1963
19640051201	Chemical research as related to advanced solid propellants, january - 31 march 1963	1963
19640051210	Bulletin of the 5th liquid propulsion symposium, addendum. volume iii	1963
19640051211	Army requirements for liquid propulsion	1963
19640051212	U.s. navy propulsion requirements	1963
19640051213	Air force goals for liquid propellant rocketry	1963
19640051214	A View of Possible NASA Future Missions	1963
19640051215	[No Title]	1963
19640051216	Status of Development of the J-2 Rocket Engine	1963
19640051217	The nerva development program	1963
19640051218	Rocket engine heat-transfer experiments	1963
19640051219	Combustion and combustion instability in liquid oxygen/hydrogen rocket systems	1963
19640051220	Rational design procedures for liquid propellant rocket motors. resume	1963
19640051221	Development of Static Test Facilities for Acceptance Testing of High Thrust Liquid Propellant Engines	1963
19640051222	Catalyst for monopropellant decomposition of hydrazine	1963
19640051223	Test and evaluation of a five-pound thrust monopropellant hydrazine rocket engine employing a spontaneous catalyst	1963
19640051224	Status of the unconventional rocket nozzle	1963
19640051225	Ozone Fluoride - a Hypergolic Additive for Lox Status Report	1963
19640051226	Current data on compound a physical-chemical properties and small thrust chamber firings	1963
19640051227	Rocket thrust augmentation with ram-collected air	1963
19640051229	Rift reliability program plan	1963
19640051232	Propellant lubrication properties investiga- tion technical report, 9 oct. 1961 - 30 jul. 1962	1963
19640051245	Tantalum-alloy-processing development fifth interim progress report, 1 jun. - 1 sep. 1963	1963
19640051246	Semi-rigid or non-rigid structures for re- entry applications interim engineering progress report, 15 apr. - 15 aug. 1963	1963
19640051249	Radar quarterly progress report, div. 4, 1 nov. 1962 - 31 jan. 1963	1963
19640051289	Millimeter wave launching devices and techniques first quarterly report, 15 mar. - 15 jun. 1963	1963
19640051294	Information processing for materials environ- mental capabilities-chemical properties final report, aug. 2, 1961 - feb. 8, 1962	1963
19640051324	Study of spacecraft bus for lunar logistics system. volume 1- summary	1963
19640051339	Test results on scramjets	1963
19640051398	<flex fatigue resistances of glasses with pyroxene type compositions< quarterly progress report, aug. 1 - oct. 31, 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051401	Electromagnetic harmonic drive low inertia servo actuator final report, jan. 1962 - feb. 1963	1963
19640051406	Thermal designs for micro-modules first quarterly report, 1 may - 1 aug. 1963	1963
19640051409	The potential of techniques using coherent- light diffraction technical report no. 1963-1	1963
19640051422	Basic studies on fuel cell systems final report, 19 may 1961 - 19 jul. 1963	1963
19640051427	Short-pulse techniques. part i- kinetics of the triiodide/iodide reaction on a platinum electrode in neutral solution	1963
19640051445	Diffusion studies in the w-si and cb-si binary systems quarterly progress report, may 1 - jul. 31 1963	1963
19640051449	The evaluation of high temperature materials quarterly progress report, 1 mar. - 31 may 1963	1963
19640051456	Design pressure distributions for saturn v 15 deg conical engine shrouds	1963
19640051484	The design of an 18-inch diameter regenera- tively cooled, flight weight, contoured thrust chamber technical documentary report, 10 oct. 1962 - 30 nov. 1963	1963
19640051514	Rift requirements book. volume 1- ground support equipment	1963
19640051526	A trainable weather-forecasting system technical report no. 6759-1 jun. 1962 - feb. 1963	1963
19640051538	Low power x-band voltage tunable magnetron quarterly progress report, 1 jul. - 1 oct. 1963	1963
19640051540	Reusable 10-ton orbital carrier vehicle volume ii- sections 6,7, and 8 final report, phase 1	1963
19640051555	A study of post-nova launch vehicles, phase iii august 1963 status	1963
19640051613	Studies of microplasmas and high-field effects in silicon final report, 1 feb. 1960 - 31 oct. 1963	1963
19640051618	Hydrothermal growth of large ruby single crystals interim engineering progress report, 1 jul. - 30 sep. 1963	1963
19640051622	Integrated precision tuning system eighth quarterly progress report, 1 jun. - 30 aug. 1963	1963
19640051623	Investigation of the strengthening mechanisms of dispersion strengthened alloys progress report, 15 aug. - 15 nov. 1963	1963
19640051625	Extruding and drawing tantalum alloys to complex thin h section interim engineering progress report, 1 oct. - 31 dec. 1963	1963
19640051626	Solid state filters, delay lines and trans- formers final report, 1 jul. 1959 - 1 jul. 1963	1963
19640051627	Preparation and characterization of ultra-pure solids quarterly report, 31 mar. - 31 sep. 1963	1963
19640051630	Infrared detectors interim report, 1 aug. - 31 oct. 1963	1963
19640051632	An investigation into the performance and design of a solid-rotor alternator	1963
19640051639	Follow-on investigation of a steady state hall current accelerator first quarterly progress report, 22 may - 31 aug. 1963	1963
19640051665	Am107 series ii inlet tests for the lasv-n project in the nasa ames 8 by 7-foot unitary plan wind tunnel final data report	1963
19640051670	Superconducting bodybound gyro. development of an experimental model semiannual report, 1 mar. - 1 sep. 1963	1963
19640051690	Exploratory experiments on mixing and burning of hydrogen jets in supersonic air streams	1963
19640051697	Performance of the j69-t-29 turbojet engine at simulated high altitudes	1963
19640051698	Feasibility study of shielding techniques quarterly progress report, 4 jun. - 31 aug. 1963	1963
19640051699	Thermoelectric temperature control for quartz crystals and crystal oscillators first quarterly progress report, 1 may - 31 jul. 1963	1963
19640051701	Operational gridding methods for the nimbus vidicon system	1963
19640051714	Weapon system 133-a- rocket motor m-57-e1. wing ii continued development. firing number 243d-2-1-71 quick-look report	1963
19640051715	Weapon system 133-a- rocket motor m-57-e1. wing ii continued development. firing number 243d-2-1-73 quick-look report	1963
19640051717	[No Title]	1963
19640051718	Weapon system 133a- rocket motor m-57-e1. wing ii continued development. firing number sd-20 quick-look report	1963
19640051719	Weapon system 133a- rocket motor m-57-e1. wing ii continued development. firing number sd-26 quick-look report	1963
19640051720	Weapon system 133a- rocket motor m-57-e1. wing ii continued development. firing number sd-10, test ii quick-logic report	1963
19640051724	Weapon system 133a- rocket motor m-57-e1, minuteman stage iii. flight test missile 625 flight test evaluation report	1963
19640051726	Nerva components irradiation program volume 1- gtr test 4	1963
19640051727	Nerva components irradiation program. volume 2- astr test 1	1963
19640051728	Nerva components irradiation program. volume 3- gtr test 7	1963
19640051729	Nerva components irradiation program. volume 4- gtr test 7a	1963
19640051730	Nerva components irradiation program volume 5- astr test 2	1963
19640051731	Nerva components irradiation program. volume 6- astr test 3	1963
19640051732	Nerva components irradiation program volume 7- gtr test 9	1963
19640051733	Nerva Components Irradiation Program. Volume 8: GTR Test 10	1963
19640051734	Solid-state image sensors interim engineering report no. 3, 1 jul. 1962 - 30 jun. 1963	1963
19640051735	Study of stellar scintillation final technical report	1963
19640051736	Use of optically pumped rubidium vapor frequency standard as master oscillator in satellite tracking stations	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051740	Results of a stress corrosion study on high strength steel and aluminum alloys in deicing- defrosting fluids final report	1963
19640051741	Ferroelectric ceramic filters if transformers, and networks seventh quarterly report, 1 jun. - 31 aug. 1963	1963
19640051743	Free air thermometer- development model. model 14-2 01, serial 101 final technical summary report	1963
19640051744	Frequency measurements on a sealed beam ammonia maser	1963
19640051758	Research for consolidation of refractory metal ingots interim engineering progress report, 15 oct. 1962 - 15 jan. 1963	1963
19640051771	Propulsion laboratory technical status report, 1 october - 31 december 1963	1963
19640051791	Shaped-field hollow-beam electron gun final technical report, 1 apr. 1962 - 31 mar. 1963	1963
19640051798	Miniature precision coaxial cable assemblies quarterly progress report, 15 jun. - 15 sep. 1963	1963
19640051799	Microwave ferrite devices /octave bandwidth y-junction circulators/ fifth quarterly report, 15 apr. - 15 jul. 1963	1963
19640051800	Development and fabrication precision, broad- band, miniature glass dielectric tuning capacitor fifth quarterly report, 1 jun. - 31 aug. 1963	1963
19640051801	Electronic equipment interference characteris- tics-communication type quarterly report no. 2, 15 may - 15 aug. 1963	1963
19640051804	Engineering services on transistors first quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640051805	Applied research on field emission cathodes quarterly report no. 1, 15 jun. - 15 sep. 1963	1963
19640051806	Ceramic resonator materials for i.f. filters quarterly progress report, 1 jun. - 31 aug. 1963	1963
19640051809	Ultrasonic techniques for fuel tank corrosion evaluation technical documentary report, sep. 1962 - oct. 1963	1963
19640051830	Airborne conical helix antenna installation	1963
19640051835	The design and construction of helium-neon visible lasers	1963
19640051840	A new charge control system for satellite batteries	1963
19640051841	Para-ortho hydrogen conversion second quarterly progress report, sep. - nov. 1963	1963
19640051849	S-ivb attitude control motor development program requirements	1963
19640051850	Microwave ferroelectrics seventh quarterly progress report, 16 mar. - 15 jun. 1963	1963
19640051851	Satellite testing procedures including environmental conditions for payload equipment and assembled payloads	1963
19640051852	Ssb and vhf crystal filters /70 to 150 mc/ quarterly progress report, 15 jun. - 15 sep. 1963	1963
19640051860	Research and development, long life k band coaxial magnetron eighth quarterly progress report, 1 apr. - 1 jul. 1963	1963
19640051864	A study of the disk radiator final report, apr. 1962 - jun. 1963	1963
19640051871	Elastomeric and compliant materials for contact with liquid rocket fuels and oxidizers, part iii technical documentary report, jan. 1962 - mar. 1963	1963
19640051872	Synthesis of shaped fan beam arrays by amplitude and phase taper	1963
19640051886	Large airborne slot antenna	1963
19640051888	Feasibility of a hollow cathode negative-grid tube for vhf-uhf applications fifth quarterly progress report, 1 jul. - 30 sep. 1963	1963
19640051905	Tunable, dielectric-loaded microwave cavities capable of high q and high filling factor technical report 211-4	1963
19640051908	Ruby improvement for lasers, task ii final report, 1 may 1962 - 31 aug. 1963	1963
19640051914	Study of chemical agent decontamination systems for multipurpose use bimonthly progress report, 30 aug. - 21 oct. 1963	1963
19640051921	Crystal filters final report	1963
19640051928	Research on tantalum solid electrolytic capacitors	1963
19640051934	Experimental evaluation of internal liners for filament wound cryogenic propellant tanks special progress report	1963
19640051977	Review of research on properties and reaction of propellants used in conjunction with materials of construction of the titan ii missile final report	1963
19640052014	Ceramic fiber optics interim technical report, 1 apr. - 30 jun. 1963	1963
19640052027	A base clipping technique using tunnel diodes with automatic adjustment of the clipping level	1963
19640052031	High-power traveling-wave multiple-beam klystron sixth quarterly progress report, 1 oct. - 31 dec. 1963	1963
19640052032	A nozzle thermocouple for measurements in high temperature gases dragon project report	1963
19640052033	Filter crystals third quarterly progress report, 1 jan. - 31 mar. 1963	1963
19640052035	Effects of pulse-spreading on thick base laminates semiannual technical summary report	1963
19640052036	On vibrations of spherical shells	1963
19640052038	A study of materials for ir detectors semi- annual report no. 3	1963
19640052039	Qualification test requirements study, volume 1 final report	1963
19640052043	Investigation of electrochemical timing techniques final report	1963
19640052045	Nova study program, supporting hardware investigations welding test program. welding test program final report, 15 aug. 1962 - 15 sep. 1963	1963
19640052094	The response of propellant in a cylindrical container due to periodic and single pulse excitation	1963
19640052299	Manned space flight telemetry pcm system 1	1963
19640052368	The x-15 research airplane	1963
19640052412	The Interaction of an Antenna with a Plasma and the Theory of Resonance Probes	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640052507	Spacecraft propulsion	1963
19640052733	Selected references, congressional interest in nasa programs. authorization and appropriation hearings, fiscal year 1963, house of representatives	1963
19640053242	Some Preliminary Results of the Pioneer V Magnetometer Experiment	1963
19640053564	The decaying stage of hurricane anna of july 1961 as portrayed by tiros cloud photographs and infra-red radiation from the top of the storm	1963
19640053743	Brain stimulation	1963
19640055095	Thermal Performance of Heat Shield Composites During Planetary Entry	1963
19640057042	Investigation of parameters essential for manned space flight operations quarterly status report no. 1, 1 mar. - 30 may 1963	1963
19640057560	The mossbauer effect literature search no. 512	1963
19640057778	Hexagonal magnetic compounds final report, jun. 15, 1961 - jul. 15, 1963	1963
19640057979	Study for a Lunar Escape Device	1963
19640058006	The application of ultrasonic to wire drawing technical progress report, 1 jul. - 30 sep. 1963	1963
19640058010	Tests concerning quantitative serum lipide determinations by means of thin-film chromatography	1963
19640058039	Skin friction heat transfer, and pressure distributions over a flat plate and highly swept delta wings with sharp and blunt leading edges at angles of attack in hypersonic flow technical report <may 1962 - aug. 1963>	1963
19640058093	Propulsion development department review. chapter 6- propulsion testing, evaluation, and facilities, july 1962 - may 1963	1963
19640058120	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at minus 423 degrees f /minus 253 degrees c/ progress report 4 - phases iia, iib, and iii, experimental program, 1 - 31 oct. 1963	1963
19640058121	Improved resin systems for polaris filament wound cases research progress report, jul. - aug. 1963	1963
19640058122	Rocket motor case winding pattern studies project progress report, 1 jul. - 31 aug. 1963	1963
19640058123	Hydrotest procedures evaluation project progress report, 1 jul. - 31 aug. 1963	1963
19640058133	Program to develop pilot technique and design criteria to increase safety in event of tail motor system malfunction. progress report no. 12, 1-30 jun. 1963	1963
19640058134	Science, the scientist and space developments	1963
19640058147	Summary of corrective action and comments relative to deficiencies enumerated in the bis final report of service acceptance trials of the model ov-1c /ao-1cf/ aircraft	1963
19640058152	Interior ballistics quarterly report, 16 may-15 jul. 1962	1963
19640058179	[No Title]	1963
19640058293	Supersonic transport development program	1963
19640058294	Research on high temperature and fluid-resistant seal and sealant materials for the supersonic transport <final report< 15 jul. 1962 - 15 jul. 1963	1963
19640058304	Data subsystem diagnostic and maintenance computer program, multiple satellite augmentation program /milestone 7/	1963
19640058305	Research to determine the composition of dispersed phases in refractory metal alloys quarterly progress report no. 3, 1 sep. - 30 nov. 1963	1963
19640058309	Manned orbital space station /moss/, volume 7- data management and communication system, book 3 study progress report	1963
19640058310	Manned orbital space station /moss/, volume 7- data management and communication system, book 2 study progress report	1963
19640058311	Manned orbital space station /moss/, volume 7- data management and communication system, book 1 study progress report	1963
19640058317	Proceedings of 1962 x-20a /dyna-soar/ symposium- abstracts	1963
19640058350	An investigation of the upper atmosphere dynamics semi-annual status report, 1 jul. - 31 dec. 1963	1963
19640058390	Ussr research reports. a bibliography, 1952 - 1962	1963
19640058392	Qrc-139a aerospace ground equipment /age/ monthly progress report, 10 may - 13 jun. 1963	1963
19640058393	Oceanography. a report bibliography	1963
19640058400	Monthly progress report for june	1963
19640058401	Monthly progress report for period ending 31 october 1963	1963
19640058402	Monthly progress report for august 1963	1963
19640058403	Monthly progress report for july 1963	1963
19640058404	Quarterly progress report for period ending 30 september 1963	1963
19640058405	Quarterly progress report for period ending 31 december 1963	1963
19640058408	Liquid Oxygen and Fuel Prevalves for NASA Saturn Program. Monthly Progress Report, 1-31 Aug. 1963	1963
19640058411	Solid-state techniques for modulation and demodulation of optical waves first quarterly progress report, 1 jul. - 30 sep. 1963	1963
19640058417	The effects of explosive charge configuration of blast	1963
19640058422	Fundamental investigation of hypergolic ignition for solid propellants first monthly letter report, 1-30 nov. 1963	1963
19640058432	Notes on the effect of weightless environment on fluid behavior	1963
19640058435	1962 usaf accident bulletin	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640058461	Eastern pacific survey, vol. ii- report of results	1963
19640058462	Eastern pacific survey, vol. iii- report of results	1963
19640058474	Polaris progress report for june 1963	1963
19640058480	Semi-annual report, volume iv- summary < 1 june - 30 november<	1963
19640058490	Monthly Project Progress Report	1963
19640058541	Origins and research background of the x-15 project	1963
19640058542	Interaction of a streaming plasma with the magnetic field of a two-dimensional dipole	1963
19640058553	Reliability and crew safety in manned space flight	1963
19640058565	Report of Research Activities at NASA Lewis Research Center from 15 November 1962 - 31 December 1962	1963
19640058575	Origin and evolution of atmospheres and oceans	1963
19640058577	Improving the efficiency and spectral response of free radical photography final report, 15 feb. 1962 - 15 feb. 1963	1963
19640058585	An Idealized Thermodynamic Analysis of the Standing-detonation-wave Rocket Engine	1963
19640058591	Static longitudinal stability tests of a 1.75% scale model of the saturn i, block ii launch vehicle in the aedc's hypersonic tunnel "d"	1963
19640058592	Static longitudinal stability tests of a 0.78% scale model of the saturn i, block ii launch vehicle in the aedc's hypersonic tunnel e-2	1963
19640058605	Experimental determination of static longitudinal stability and drag characteristics of two preliminary saturn-apollo c-1b configurations	1963
19640058647	Project agena program management plans	1963
19640058657	A feasibility study of using the 707 prototype airplane for evaluation of the approach and landing characteristics of supersonic transports final report	1963
19640058658	Evaluation of optical properties of irdomes for sidewinder 1c missiles	1963
19640058689	V/stol aircraft systems research capabilities	1963
19640058704	Parametric performance analysis for interplanetary missions utilizing first- generation nuclear stages. part iii- departure from mars orbit	1963
19640058721	Progress report, 1 jul. - 30 sept. 1963 exploitation of the nbs synchrotron as a far ultraviolet light source and investigation of thermal detectors as primary radiation standards for the vacuum ultraviolet	1963
19640058726	Calculation of radiation dose from protons to 400 mev	1963
19640058731	The mariner-r mission to venus	1963
19640058798	Monthly progress report no. 5 may 1963 <airborne approach and landing system study<	1963
19640058799	Reduction of fold-over errors in fluxgate magnetometers	1963
19640058800	Photons in magnetic fields	1963
19640058816	Report of service acceptance trials on model qh-50c aircraft final report	1963
19640058818	Advanced propellants research research progress report, 1 - 30 apr. 1963	1963
19640058823	Collateral behavior during temporal discrimination	1963
19640058835	Shf aerospace wideband data transmission system technical documentary report, may 1961 - apr. 1963	1963
19640058838	Advanced technology program 674 a- technical development plan for a reinforced grain solid rocket motor	1963
19640058839	Nasa scat mid-term review, volume 1	1963
19640058840	Nasa scat mid-term review, volume 2	1963
19640058860	Rift service systems gse conceptual design supplementary technical note, 15 sep. - 30 dec. 1963	1963
19640058868	Planar integration of parts and solid circuits into thin-film units final report, 1 may 1962 - 4 jun. 1963	1963
19640058985	Xc-142a vtol transport program monthly prog- ress report, jun. 1963	1963
19640058986	Xc-142a vtol transport program monthly prog- ress report, sep. 1963	1963
19640058990	The quantitative separation of tetraphenylpor- phines by thin layer chromatography	1963
19640059015	Transient radiation effects in electronic materials quarterly report no. 5, 1 feb. - 30 apr. 1963	1963
19640059025	An evaluation of two types of resistance strain gages at temperatures up to 600 degrees f progress report no. 3	1963
19640059033	A general theory of vehicle attitude and direction control - multiple rigid body dynamics	1963
19640059037	Titan. scientific pod addendum to annex flight test directive missile n-33	1963
19640059108	Design of propellant gas valves project progress report, nov. 1 - nov. 30, 1962	1963
19640059129	Tests using avcat fuel in standard range diesel engines interim report	1963
19640059153	High Pressure Propellant Gas Control Valves Monthly Status Letter No. 3	1963
19640059184	Guidance studies - program 706, volume 1 first quarterly progress report	1963
19640059185	Compilation of the vibration data obtained during the flight evaluation of the h-21c and hu-1a equipped with xm-153 armament kits. appendix iv	1963
19640059230	Cy 1962 air force-marquardt contributing engineering program. volume vii- advanced facility research studies summary technical report, phase i, 1 jan. - 31 dec. 1962	1963
19640059294	A review of fuel cell construction summary report	1963
19640059298	The institute for the study of metals seventy-first quarterly report	1963
19640059300	Design information from analytical and experimental studies on filament wound cases subjected to combined loading, phase 1 year end report, feb. 1963	1963
19640059380	Operational test and evaluation control tower binoculars	1963
19640059384	Stable sliding connector contacts final report, 1 dec. 1961 - 30 sep. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059385	Sdss qualification test specification - human biological waste management	1963
19640059439	Manual of barometry /wban/, volume i	1963
19640059446	<investigation of glasses containing silica tetrahedra molecular chains< quarterly progress report, 1 sep. - 30 nov. 1962	1963
19640059473	The effect of precipitation treatment on the impingement resistance of age-hardening copper-base alloys	1963
19640059517	Meteorological aspects of the sonic boom	1963
19640059518	Meteorological aspects of the sonic boom	1963
19640059558	The theory of force and torque on an electrically suspended gyro final report, mar. 1962 - mar. 1963	1963
19640059686	High temperature resistant, flexible fibrous structural materials of new glass composition	1963
19640059748	Useful x-20 efforts for continuation, revision 2	1963
19640059752	Nuclear problems in the shielding and dosimetry of radiation in space	1963
19640059770	Oceanographic satellite system concept and feasibility study. volume 1- summary report final report	1963
19640059773	Calendar year 1962 air force-marquardt contributing engineering program. volume iii of viii- advanced engine concepts and advanced logistics systems studies, section vii, viii phase i summary technical report, 1 jan. - 31 dec. 1962	1963
19640059774	Calendar year 1962 air force-marquardt contributing engineering program. volume vi of viii- advanced control system and auxiliary power generation studies, sections xiv, xv phase i summary technical report, 1 jan. - 31 dec. 1962	1963
19640059775	Calendar year 1962 air force-marquardt contributing engineering program. volume 1 of viii- program summaries, electromagnetic ramjet research and advanced liquid air cycle concepts, sections i, ii, iii, iv, and v phase 1 summary technical report, 1 jan. - 31 dec. 1962	1963
19640059789	X-20a program, safety plan	1963
19640059804	Heat transfer test on ad588m-1, a.04 scale, x-20 dyna-soar 844-2050 configuration, to determine the effect of various surface contours and elevon - fin gap sizes on heat transfer rates on the lower inboard fin surface and adjacent elevon surface at mach 22.2 data report	1963
19640059837	Ranger support trajectory data, ranger vi and vii. volume ii, part b	1963
19640059838	Range support trajectory data, ranger vi and vii. volume ii, part a	1963
19640059841	Calendar year 1962 air force-marquardt contributing engineering program. volume v of viii- industry coordination multicomponent- high energy fuels research, and solid and slurry hydrogen research, sections x, xi, xii, xiii. phase i summary technical report, 1 jan. - 31 dec. 1962	1963
19640059862	Aedc-c-bc-9, mach 10. heat transfer and pressure test of the ad-609m-2, a .05 scale model of the x-20 dyna soar glider, volume i data report	1963
19640059887	Organizational maintenance usaf model sm68b missile weapon system, missile electrical system technical manual	1963
19640059889	Glider test sequence - ground launch, model x-20a	1963
19640059901	Development of composite structural materials for high temperature applications progress report, 1 mar. - 31 may 1963	1963
19640059905	Study of crossed-field amplifiers quarterly progress report	1963
19640059927	Directory of research metallurgists, metal physicists, ceramists and related material scientists in western europe /third edition/. part i- the united kingdom	1963
19640059934	X-20 maintainability plan	1963
19640059939	Thermal noise properties of the troposphere	1963
19640059945	Weapon system 107a-2- reliability summary and summary data ylr87-aj-5 and ylr91-aj-5 rocket engines technical operating report, 1-30 nov. 1963	1963
19640059954	Precision navigation system gyrocompassing study final report	1963
19640059979	Intermittent creep and stability /formerly, long time intermittent creep/	1963
19640060015	Estimates of wake transition lengths for txv re-entry vehicles	1963
19640060117	Intermittent creep and stability /formerly, long time intermittent creep/ monthly progress letter, 15 jul. - 15 aug. 1963	1963
19640060118	Calendar year 1962 air force-marquardt contributing engineering program. volume ii of viii- jet compressor research, section vi phase i summary technical report, 1 jan. - 31 dec. 1962	1963
19640060136	Research on chromium-base alloys exhibiting high-temperature strength low-temperature ductility and oxidation resistance progress report, period ending 15 mar. 1963	1963
19640060141	Vibration test program- sa-5 fuel tank forward skirt assembly final report, 11 jun. 1962 - 6 jul. 1963	1963
19640060142	A comment on a new method for finding the phase shifts for the schrodinger equation	1963
19640060147	Pilot factors program /pi-fax/ supersonic transport interim progress report	1963
19640060185	Atomic collision processes relating to the ionosphere semiannual technical summary report, 1 mar. 1963 - 31 aug. 1963	1963
19640060191	Preliminary interface specification for program 823	1963
19640060194	Astron arpa beam research program	1963
19640060198	Extrapolations of near-field data to obtain far-field data	1963
19640060199	Experimental investigation of the absorption of infrared radiation semiannual technical summary report, 1 mar. - 31 aug. 1963	1963
19640060201	Research on dielectrics for microwave electron devices quarterly progress report no. 3, 1 jan. - 31 mar. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640060204	Observations on the distribution of chemical elements in the terrestrial saline deposits of saline valley, california	1963
19640060230	Field-enhanced luminescence final report, 1958 - 1963	1963
19640060232	Metallurgical research and development for ceramic electron devices fourth quarterly progress report, 1 apr. - 30 jun. 1963	1963
19640060289	Infrared atmospheric transmittance and flux measurements six-month technical report no. 6, 1 jan. - 30 jun. 1963	1963
19640060292	Transient radiation effects in electronic materials final report, 1 feb. 1962 - 30 aug. 1963	1963
19640060296	Lubrication research and test method develop ment for aerospace propulsion systems progress report no. 1, mar. 15 - jun. 30, 1963	1963
19640060297	Study of infrared emission from hypersonic air flows semi-annual report, jan. - jun. 1963	1963
19640060298	Studies of the brittle behavior of ceramic materials second quarterly report, 15 apr. - 15 jul. 1963	1963
19640060317	Satellite control subsystem program progress, facilities progress, and security contract status report, 1 - 31 dec. 1962	1963
19640060320	Satellite data transmission system final report	1963
19640060323	Research and development program, intrinsic reliability, subminiature ceramic capacitors quarterly progress report, 1 jun. - 31 aug. 1963	1963
19640060324	Propellant tank pressurization system analysis	1963
19640060325	Theory for the backward wave amplifier	1963
19640060326	Quartz crystal controlled oscillators final report, 1 oct. 1960 - 31 jan. 1963	1963
19640060327	The optimum bandwidth of single diode parametric amplifiers	1963
19640060328	Quartz crystal oscillator circuits study first quarterly progress report, 1 sep. - 30 nov. 1962	1963
19640060332	Rock failure in torsion tests semiannual technical report no. 1, apr. - sep. 1963	1963
19640060352	Hydrotest procedures evaluation bimonthly progress report, 1 sep. - 31 oct. 1963	1963
19640060406	The inspector satellite ferret subsystem design study second program progress report, 2-30 sep. 1963	1963
19640060414	Low-flux simulation final report	1963
19640060415	Indirectly-heated valves. cathode-heater breakdown final report	1963
19640060420	Weapon system 133a- test plan for high altitude rocket testing of forty-pound- charge motors, revision i	1963
19640060422	Hydrogen generation for fuel cells third quarterly report, 1 nov. 1962 - 31 jan. 1963	1963
19640060426	Specification, x-20 simulator /mark 1-c/ crew station	1963
19640060430	Conduct measurement of the optical constants of materials in the extreme ultraviolet including construction of a reflectometer for use with existing vacuum monochromator final progress report, quarter ending 15 jun. 1963	1963
19650000701	Problems of the movment of large meteoric bodies in the atmosphere	1963
19650001315	Reinforced plastic laminates for long time high temperature use monthly letter report	1963
19650001343	Flow field calculations around a yawed right circular cone	1963
19650001880	A lifting surface theory for wings extending through multiple jets in separated flow conditions	1963
19650001962	Structural investigations in thermoelectric materials summary report, oct. 1, 1962 - sep. 30, 1963	1963
19650002042	Superconductivity in a strong spin exchange field	1963
19650002047	Design of model 2.040 and 2.041 quadraloop antennas	1963
19650003620	<photogrammetric and Photometric Objectives and Capabilities of the Surveyor Lander Tv Experiment< Final Report	1963
19650003946	The calculation of electron density profiles from topside ionograms using a digital computer technical report no. 5	1963
19650004188	Development of methods and techniques for investigation in the vacuum ultraviolet and research in the region of radiation final report, 1 jul. - 30 sep. 1963	1963
19650004227	Determination and analysis of numerical smoothing weights	1963
19650004508	A single point computation for a steam space power plant	1963
19650004663	Physico-chemical diagnostics of plasmas. proceedings of the fifth biennial gas dynamics symposium	1963
19650004698	Gravity gradient rod thermal bending test report	1963
19650004699	Tables of the composition, opacity, and thermodynamic properties of hydrogen at high temperatures	1963
19650004930	Coherently driven molecular vibrations and light modulations	1963
19650004939	Lunar communications	1963
19650005052	Observations of the red spot on jupiter	1963
19650005053	<an experimental investigation of the terrestrial atmosphere utilizing balloon-borne millimeter radiometers< final report, 1 nov. - 30 jun. 1963	1963
19650005054	The effect of cloudiness on a greenhouse model of the venus atmosphere	1963
19650005059	Chemical Reactivity and Synthesis at Cryogenic Temperatures	1963
19650005586	Engineering man for space. the cyborg study final report	1963
19650005620	Electrical contact materials for space vehicle systems final report, 30 jun. 1961 - 30 jun. 1963	1963
19650005763	On the optical constants of metals at wavelengths shorter than their critical wavelengths	1963
19650005764	The optical properties of evaporated gold in the vacuum ultraviolet from 300 to 2000 angstroms	1963
19650005765	Transmittance of thin films in the extreme ultraviolet	1963
19650005766	<technical evaluation of a one-inch miniaturized vidicon in combination with a miniaturized phase microscope< semiannual status report, oct. 1, 1962 - mar. 31, 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650005767	<influence of gravity on unicellular organisms and optimization of the ultraviolet flying spot microscope for living cell observations< semiannual status report, apr. 1 - sep. 30, 1963	1963
19650005769	The spectrum of shock-heated gases simulating the venus atmosphere	1963
19650005770	Microwave Cavity Measurement of the Faraday Effect in a Magnetoplasma	1963
19650005773	Probable Synthesis of Porphine-like Substances During Chemical Evolution	1963
19650005775	Criteria for emitter sheath polarity in plasma diodes	1963
19650005782	890/960-mc transponder, mark ii 100-cycle bandwidth final report	1963
19650005799	A blast-wave theory of crater formation in semi-infinite targets	1963
19650005887	Conference on artificial satellites, part b	1963
19650006219	Investigations of carbides as cathodes for thermionic space reactors informal monthly report, 1-30 apr. 1963	1963
19650006668	The helical motion of a sphere in the presence of a magnetic field	1963
19650006676	Optimal Bounded Control of Linear Sampled-Data Systems Using Quadratic Performance Criteria	1963
19650006720	Low noise, high efficiency cassegrain antenna studies final report, 1 apr. - 31 dec. 1963	1963
19650006721	Evaluation of silver-cadmium batteries final report	1963
19650006725	Membrane separation	1963
19650006726	Optical constants of metals in the far ultraviolet and their relation to energy band structure scientific report no. 1, jun. 1962 - may 1963	1963
19650006727	Cytochemical studies of planetary microorganisms - explorations in exobiology status report, mar. 1, 1962 - apr. 1, 1963	1963
19650006729	A High Resolution Echelle Spectrophotometer for the Solar Ultraviolet Final Report, Aug. 1959 - Sep. 1962	1963
19650006817	Determination of electrical conductivity of mating surfaces - a literature survey final report	1963
19650006825	Receiver techniques and detectors for use at millimeter and submillimeter wavelengths semiannual report, 1 sep. 1962 - 28 feb. 1963	1963
19650006826	Overseas telecommunications traffic and commodity trade	1963
19650006827	The market for overseas telecommunications in 1970	1963
19650006831	Study of the Normal Fecal Bacterial Flora of Man Quarterly Progress Report, Jul. - Sep. 1963	1963
19650006833	F-region irregularities studied by scintillation of signals from satellites	1963
19650006834	High-capacity Submarine Telephone Cables- Implications for Communication Satellite Research and Development	1963
19650006835	Biological and physiological studies of perognathus /pocket mice/ fifth quarterly status report, 1 mar. - 31 may 1963	1963
19650006836	Mariner b/voyager entry capsule preliminary design study final report	1963
19650006875	Collision Lifetimes, Phase Shifts and Orbiting Phenomena	1963
19650006877	Radioisotopic biochemical probe for extraterrestrial life quarterly progress report no. 10	1963
19650006878	The impedance of a short dipole antenna in a magnetoplasma	1963
19650006880	Stark Profile Measurement of the Lyman-Alpha and Lyman-Beta Lines of Hydrogen	1963
19650006881	Ionization rates and impurity radiation losses in theta -pinches	1963
19650006882	Energy Dissipation Characteristics in Tissue for Ionizing Radiation in Space Progress Report No. 3, 1 Jun. - 31 Aug. 1963	1963
19650006883	Energy dissipation characteristics in tissue for ionizing radiation in space progress report no. 2, 1 mar. - 31 may 1963	1963
19650006885	Conduct Research on the Effect of Very Strong Fields and of Magnetic Field-Free Environments on Man and Animals Progress Report, 1 Aug. - 31 Oct. 1963	1963
19650006886	Physiological Mechanisms which Defend the Human Body Against Heat and Cold and the Extent and Efficiency of Energy Transformations in the Human Body and in Isolated Body Constituents at the Molecular Level Quarterly Progress Report, 1 Jul.	1963
19650006887	High-definition photography of project echo i satellite final report	1963
19650006888	The normal mode approach to the solution of the initial value problem for plasma oscillations scientific report no. 196	1963
19650006889	Kinetic Theory of the Classical Electron Gas in a Positive Background. I- Equilibrium Theory	1963
19650006890	The positron-electron ratio of precipitating electrons	1963
19650006891	Velocity distributions of the interplanetary plasma detected by explorer 10	1963
19650006892	Research to Determine the Existence and Identity of Viable Microorganisms in the Stratosphere Quarterly Status Report No. 3, 19 Sep. - 20 Dec. 1963	1963
19650007139	Experimental design study, microscopic system for mars study program, 2 october 1962 - 2 june 1963	1963
19650007205	Mechanical properties of fibrous composites annual report	1963
19650007206	S-band test antenna system instruction manual	1963
19650007207	Energy storage devices - electroexplosive devices report no. 3	1963
19650007208	User's manual for interplanetary error propagation program	1963
19650007211	A Study of Phycophysiology in Controlled Environments Seventh Semiannual Status Report, 1 Apr. - 1 Oct. 1963	1963
19650007226	Difference Equations with Varying Difference Intervals and Difference Equations and Differential Equations with Almost Periodic Coefficients Status Report, 1 Dec. 1963 - 1 Jun. 1964	1963
19650007228	Stochastic Problems in Optimal Control	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650007229	The explicit solution of the analytic n-body problem	1963
19650007231	Determination of the tig welding control parameters and requirements for the automation of out-of-position welding	1963
19650007232	Laboratory simulation studies of outer space phenomena first quarterly status report, apr. 15 - jul. 15, 1963	1963
19650007235	Use of sporicides and heat to sterilize resins	1963
19650007236	The effect of nickel-cadmium batteries upon bacterial spores report of test no. 20-63	1963
19650007237	Investigation of light scattering in highly reflecting pigmented coatings fourth monthly progress report, 1 oct. - 1 nov. 1963	1963
19650007240	Space-vehicle stabilized-platform gimbal- system weight-reduction study. phase ii- design of spherical gimbals summary report, 1 nov. 1962 - 30 jun. 1963	1963
19650007242	A Mathematical Investigation of the Structure of Light Metals	1963
19650007243	The Optics of a Cosmic Ray Detection System Using a Gas Filled Cerenkov Radiator	1963
19650007322	Space and planetary environment	1963
19650007375	Magnetic properties of some macromolecules of biological interest progress report no. 1, 1 aug. - 1 nov. 1963	1963
19650007376	Interdisciplinary materials research center fifth semiannual progress report, 1 mar. - 31 aug. 1963	1963
19650007378	Research to Determine the Existence and Identity of Viable Microorganisms in the Stratosphere Quarterly Status Report No. 2, 19 Jun. - 18 Sep. 1963	1963
19650007379	<microspectrophotometric instrumentation for the study of pigments and organic molecules within living cells< semiannual status report, 1 may - 31 dec. 1963	1963
19650007380	Program description and operating instructions for an "off-line" computer program for nimbus integration and test	1963
19650007381	Development of Launch Vehicle Optimization Systems Utilizing the System Optimization and Review Technique Progress Report No. 2, 1-31 Aug. 1963	1963
19650007382	Electron Micrographs of Microspheres from Thermal Proteinoid	1963
19650007383	Studies on the Hill Reaction Activity of Soluble Chloroplast Extracts Quarterly Progress Report No. 2, 1 Jun. - 31 Aug. 1963	1963
19650007384	An Investigation of Fluid Extrusion of Metals First Quarterly Report, 2 Jul. 1963 - 30 Sep. 1963	1963
19650007385	Research on Vibratory-Output Angular Motion Sensors Fifth Status Report, 1 Jun. - 30 Nov. 1963	1963
19650007386	The Influence of Impurities on the Interactions Responsible for Superconductivity	1963
19650007388	Aerospace research applications center summary report, 1 april to 30 june 1963	1963
19650007389	ARAC Services to Member Companies ARAC Operating Manual	1963
19650007390	ARAC Services to Member Companies Second Quarter Operating Manual, Jul. - Sep. 1963	1963
19650007392	Hartree-fock solutions without exchange for normal beryllium- detailed technical supplement on space technology project no. 5 progress report	1963
19650007451	Timing Behavior and Stimulus Generalization	1963
19650007454	Experiments on the Effects of Low Pressures on Cellular Ultrastructure and Cytochemistry in Plants Semiannual Progress Report, Apr. 1 - Sep. 30, 1963	1963
19650007455	Biological Effects of Prolonged Exposure of Small Mammals to Closed Gaseous Environment Semiannual Report, 28 Feb. - 31 Aug. 1963	1963
19650007457	Physiological Effects of Weightlessness and Space Radiation on Hibernators Second Semiannual Status Report	1963
19650007458	A Measurement of the Diffusion Coefficient and Radiative Lifetime of Nitrogen Molecules in the A3 Sigma Super plus over u State Technical Report No. 1	1963
19650007459	Finite element solution for axisymmetrical shells	1963
19650007460	Recent observations of electron intensities in the earth's outer magnetosphere and beyond	1963
19650007461	The thermal decomposition of clcn	1963
19650007463	A survey of magnetospheric boundary phenomena	1963
19650007464	Adhesion between atomically clean surfaces, ii final report, sep. 1, 1962 - jun. 1, 1963	1963
19650007465	Muonium and positronium physics	1963
19650007467	Investigation of the Effects of Ionizing Radiation on the Central Nervous System in Vivo and in Vitro First Quarterly Progress Report, Jul. 16 - Oct. 18, 1963	1963
19650007468	Chemosynthetic Gas Exchanger Second Quarterly Progress Report, Sep. 3 - Dec. 17, 1963	1963
19650007470	Plant Leaves for the Production of Oxygen in a Closed System Fourth Quarterly Status Report	1963
19650007471	Plant leaves for the production of oxygen in a closed system final report	1963
19650007472	Recent Developments in Parametric Multipliers	1963
19650007473	Analytical Investigation of Several Mechanisms of Combustion Instability	1963
19650007474	Trajectories Launched Normal to the Ecliptic	1963
19650007616	Surveyor/centaur air conditioning test plan	1963
19650007662	Planetary aeronomy. iv- the duoplasmatron as a vacuum ultraviolet light source	1963
19650007663	Planetary aeronomy. v- vacuum ultraviolet light sources	1963
19650007664	Planetary aeronomy. 1- absorption and photoionization coefficients of propylene and butene-1 in the vacuum ultraviolet	1963
19650007674	Radiation losses from high-temperature gas discharges	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650007675	Development of solid film lubricants for use in space environments	1963
19650007676	Precipitation observations from satellites	1963
19650007677	Double-reception Discrete Data Optimum Continuous Signal Recovery	1963
19650007678	Cosmic radio intensities at 1.225 and 2.0 megacycles/sec measured up to an altitude of 1700 kilometers	1963
19650007679	Effects of Ion Beam Excitation on Charge Transfer Cross Section Measurements	1963
19650007682	Thermal Conductivity of Ten Cryogenic Liquids - A Bibliography	1963
19650007683	Processing and Presentation of Digital Data from Outer Space. II- Explorer VI "paddlewheel" Satellite	1963
19650007684	The Non-Cyclic Variation During Quiet Days	1963
19650007685	Some explicit results in multivariate prediction theory	1963
19650007686	Ionization Cross Sections for Neutral Helium Atoms on Helium, Neon, and Nitrogen	1963
19650007688	The ornl space biology program annual report, period ending jun. 30, 1963	1963
19650007689	Sterilization of Naturally Contaminated Metal Surfaces with Dry Heat Protection Branch Report of Test No. 8-64	1963
19650007690	Venus-mars capsule study, volume ii	1963
19650007714	Millimeter-wave converter studies final report, may 14, 1962 - jan. 15, 1963	1963
19650007715	A bibliography of thermophysical properties for fluorine from 0 deg to 300 deg k	1963
19650007907	Study of superconducting thin films final report	1963
19650007915	Inhibit- core logic study final report	1963
19650007917	Design, development and manufacture of storage batteries for future satellites final report	1963
19650007922	Advanced mission analysis study final report	1963
19650008006	Development of a luminescent chamber for space research final report	1963
19650008283	Radiation-resistant electronics final progress report, 1 jan. - 30 sep. 1963	1963
19650008350	Structural analysis system usage report	1963
19650008449	Charged particle radiation damage in semiconductors, ix- proton radiation damage in silicon solar cells final report	1963
19650008597	The determination of the effect of vacuum exposure on the operating characteristics of two jet vane actuators final report	1963
19650008847	Feasibility study toward development of radiation resistant solar cell final report, 1 nov. 1961 - 31 jan. 1963	1963
19650008881	Measurement of radiative heat transfer with thin-film resistance thermometers	1963
19650008899	The effect of bedrest on various parameters of physiological function. part ii- experimental design	1963
19650011742	The emission of exo-electrons from aluminum during fatigue final report, 1 sep. 1961 - 30 sep. 1963	1963
19650014324	Investigation of the Aerodynamic Characteristics of a 0.02-scale Model of the X-15 Airplane at Mach Numbers of 2.96, 3.96, and 4.65 at High Angles of Attack	1963
19650014325	Heat-transfer measurements of a 0.0667-scale model of the x-15 airplane for an angle-of- attack range of 0 deg to 28 deg at mach numbers of 2.88 and 4.65	1963
19650022569	Orientation effects in the deformation of molybdenum crystals	1963
19650025675	Voyager Design Studies. Volume II - Scientific Mission Analysis	1963
19650025710	Saturn ib/v astronics system	1963
19650025759	Static and dynamic stiffness and damping of the source fed annular thrust bearing	1963
19650042664	On the Distribution Functions of Relaxation Times and Activation Energies.	1963
19650056520	Research and Development for Project Apollo Spacecraft. Volume 1- General Test Plan Summary	1963
19650056522	Study of a manned mars landing mission using a mars orbit rendezvous profile. addendum a- performance curves for various propulsion systems	1963
19650056524	An investigation of the aerodynamic character- istics of the pershing reentry body during the separation process with simulated thrust reversal /phase ii/	1963
19650056533	Studies in the development of an accelerated test for the corrosion protection value of organic coatings	1963
19650056535	Analytical investigation of combustion instability in solid propellant rockets final report, 1 jul. 1961 - 31 jul. 1963	1963
19650056544	A study of the development of a basic planetary transportation systems model	1963
19650056548	Operational test and evaluation high altitude personal protective equipment	1963
19650056549	The optical characteristics of ruby laser emission	1963
19650056550	Polymer structures and properties technical report, 21 apr. - 31 dec. 1962	1963
19650056553	Dimensions of branched chains with small excluded volume	1963
19650056554	The second virial coefficient for branched star molecules	1963
19650056555	Properties of branched macromolecules	1963
19650056561	Study of a thermophotovoltaic converter first quarterly progress report, jan. 1 - apr. 30, 1963	1963
19650056562	Microbiological corrosive effects on structur- al materials used in aircraft fuel tanks quarterly progress report no. 4, 1 aug. - 31 oct. 1963	1963
19650056563	Fracture toughness, fatigue-crack propagation and corrosion characteristics of aluminum alloy plates for wing skins quarterly report, jun. 3 - sep. 3, 1963	1963
19650056570	Investigation of slurry fuels for clam systems first quarterly progress report	1963
19650056584	Synthesis of improved thermally protective plastics and composites for hyperthermal environments quarterly technical report no. 1, 1 feb. - 1 may 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650056587	Satellite control facility performance evaluation program. volume 1- evaluation of satellite control facility rf link parameters summary report	1963
19650056588	Crystal chemistry of ceramic dielectrics third quarterly report, 15 may - 15 aug. 1963	1963
19650056591	A review of theoretical liquid and hybrid rocket propellant performance	1963
19650056599	The effect of electric fields on solid propellant flames final report	1963
19650056601	X-20 Quarterly Summary Progress Report, Jul. - Sep. 1963	1963
19650056606	Manned orbiting space station. environmental control and life support system study mid term report /third monthly progress report/	1963
19650056608	Optical coating for absorptance of solar energy quarterly progress report, jun. 1 - sep. 1, 1963	1963
19650056612	Manufacturing methods for continuous processing of solid rocket propellants interim engineering progress report, no. 5, 5 jul. - 4 oct. 1963	1963
19650056613	Modification of particle size analyzer for standardizing photometric sensitivity supplement to final report	1963
19650056614	Scf computer programs systems manual. utility programs, reference pool simulator /srps/	1963
19650056616	Investigation of skin friction drag on practical construction surfaces for the supersonic transport technical documentary report, 1 apr. 1962 - 1 mar. 1964	1963
19650056627	Utilization of available space in rocket flights for biological research	1963
19650056657	Flight control malfunction management for the gemini launch vehicle	1963
19650056715	Ccn 50 Program Plans, Model X-20	1963
19650056720	Synthetic spectrum radar techniques technical report, 15 dec. 1961 - 15 jun. 1963	1963
19650056769	Beryllium-aluminum alloys	1963
19650056771	Second flight at neepawa, manitoba flight report no. 2220n	1963
19650056802	Development of a low-noise millimeter-wave parametric amplifier first quarterly progress report, 1 jul. - 1 oct. 1963	1963
19650056810	S-n stage <rift< program glossary	1963
19650056824	Weapon system 133a- rocket motor numbers xsr11-hp-1 and xsr9-hp-1, stage iii minuteman. thrust reversal system, control and integrity tests final report	1963
19650056825	Weapon system 133a- rocket motor m-57-e1. minuteman phase 1 support program, firing numbers sd-6, sd-7, sd-19, sd-10, sd-19, sd-20, sd-21, sd-23, sd-24, sd-25, sd-26, sd-27, sd-28, and sd-29	1963
19650056833	Qualification test report for model specification s-133-111-3-4 and qualification supplement i thereof, command signals decoder	1963
19650056877	Air force program 279- six-degree-of-freedom trajectory program for the bendix g-20 digital computer	1963
19650056883	Electrical and electronic properties of materials information retrieval program final report, jul. 5, 1961 - jun. 15, 1962	1963
19650056903	30 kw arc-jet thruster research interim technical report, 19 nov. 1962 - 18 aug. 1963	1963
19650056906	Aircraft-missile spatial relations for radiometry	1963
19650056907	Study of image tube surfaces	1963
19650056937	Production and study of a continuous plasma flow in a tube with an axial magnetic field <realisation et etude d'un ecoulement continu de plasma dans une tuyere en presence d'un champ magnetique axial<	1963
19650056987	Comparison of power spectral density techniques as applied to digitalized data records of nonstationary processes, part ii- power spectral density analysis of digitalized whf data from atlantic missile range test 409 memorandum report no. 6	1963
19650057022	Design study of an accelerator for accelerating micron sized particles to meteoroid velocities final report	1963
19650057057	History of the george c. marshall space flight center from july 1 through december 31, 1963. volume two-supporting documents	1963
19650057063	History of the george c. marshall space flight center from july 1 through december 31, 1963, volume one	1963
19650057066	Extension of effort for orbital and lunar flight handbooks	1963
19650057093	Diffusion bonding of refractory metals interim technical documentary progress report no. 4, 29 mar. - 28 jun. 1963	1963
19650057108	Sheet metal forming technology, volume i final report	1963
19650057109	Sheet metal forming technology. volume ii- handbook final report	1963
19650057125	Development of an ion rocket engine system for attitude control and station keeping quarterly progress report no. 3	1963
19650057189	Engineering services on transistors second quarterly progress report, 1 nov. 1962 - 31 jan. 1963	1963
19650057206	Ku-band triode and cavity combination cw oscillator first quarterly progress report, 1 may - 31 jul. 1964	1963
19650057225	Scattering from the volume of an inhomogeneous half-space	1963
19650057235	Delta semi-annual technical progress report, model number dsv-3, november 1962 - april 1963	1963
19650057254	Research leading to the development of a fast activating, high energy thermal battery second quarterly progress report, 15 sep. - 14 dec. 1963	1963
19650057352	Nuclear lunar logistics study, presentation 10 october 1963, huntsville, alabama	1963
19650057356	Development of Experimental Data and Theoretical Studies of the Re-Entry Environment Mid-Year Formal Report, Period Ending 18 Mar. 1963	1963
19650057362	Investigation of visual and photographic on-site inspection techniques, shoal event	1963
19650057368	Monthly status report no. 6, 1 - 31 december 1962	1963
19650057369	Data report for apollo model fs-3 wind tunnel tests in tunnels a and c of the von karman gas dynamics facility	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057370	SA-6 Saturn Vehicle Data Book	1963
19650057374	Snap-8 Electrical Generating System Development Program Fourteenth Quarterly Progress Report, Sep. - Nov. 1963	1963
19650057379	A Study of the Design of an Adaptive Control System for Saturn Type Vehicles Final Report	1963
19650057423	Comparative Studies and Preliminary Design of a Manned Orbital Research Laboratory /MORL/ Concept Second Monthly Progress Report, 24 Jul. - 24 Aug. 1963	1963
19650057436	Manned orbital research laboratory /morl/ system, phase 1 monthly progress report, aug. 1963	1963
19650057437	Midterm Review Operations and Logistics Study of a Manned Orbiting Space Station	1963
19650057440	Operations and Logistics Study of a Manned Orbiting Space Station Final Oral Presentation	1963
19650057499	A numerical technique for determining the response of physical systems sixth technical report, 1 feb. - 1 oct. 1963	1963
19650057627	Preparation of tables of comparison for american, british, and canadian oils, hydraulic fluids and specialty products	1963
19650057667	The bubble phenomenon in shock-thermal layer interaction	1963
19650057668	Feasibility study - application of fluid amplifiers to reactor rod control	1963
19650057669	The third nuclear safety & hazards working group meeting, lockheed presentation	1963
19650057670	Liquid metal jet condensers	1963
19650057671	Thermal analysis, oao - goddard experiment	1963
19650057711	Weapon system 133-a- rocket motor m-57-e1. wing ii qualification, firing number 243d-2-4-3, minuteman stage iii final report	1963
19650057712	Weapon system 133-a- rocket motor m-57-e1. wing ii continued development, static firing sd-9, test iv, minuteman stage iii final report	1963
19650057744	Saturn /sa-5/ 70-inch oxidizer tank skirt assemblies /p/n 30m00010 and 30m00012/ structural qualification tests	1963
19650057751	Reusable Ground Launch Vehicle Study 100-Ton Orbital Payload First Interim Review	1963
19650057758	Operation dominic fish bowl series- alpha contamination monitoring	1963
19650057788	Study of adhesion and cohesion in vacuum first quarterly report, 1 jul. - 1 oct. 1963	1963
19650057793	Manned mars landing and return mission study first quarterly report	1963
19650057799	Neurosciences research program, associates' newsletter, volume 1, number 1	1963
19650057800	Neurosciences research program bulletin, volume i, number 2, november - december 1963	1963
19650057801	Interference to Radio Astronomy Quarterly Progress Report, Oct. 1 - Dec. 31, 1963	1963
19650057949	Program to establish review-point criteria for reliability monitoring semiannual report, 1 dec. 1963 - 31 may 1964	1963
19650057954	Demodulation of frequency-modulated light	1963
19650057962	Re-entry environment and systems technology /rest/ quarterly progress report, 1 jan. - 31 mar. 1963	1963
19650057978	Mercury corrosion loop testing program fifth quarterly report, oct. - dec. 1962	1963
19650057979	Mercury corrosion loop testing program sixteenth monthly progress letter report, 1-31 jan. 1963	1963
19650057980	Mercury corrosion loop testing program seventeenth monthly progress letter report, 1-28 feb. 1963	1963
19650058122	Preliminary performance estimates of the stf200b turbofan engine /separate tailpipe configurations/	1963
19650058141	Reliability study of saturn sa-3 pre-launch operations final report	1963
19650058143	The effects of the j-2 engine transient loads on the engine actuation system during static tests	1963
19650058162	Development of manufacturing methods for hard superconductors /wires and ribbons/ final report, 19 jun. 1962 - 15 apr. 1963	1963
19650058176	Mercury corrosion loop testing program informal monthly progress letter report no. 15, 1 - 31 dec. 1962	1963
19650058184	Methods of calculating wing wake and suction drag of lfc aircraft from flight test data	1963
19650058200	Saturn s-ii systems inspection manual preliminary nasa support document	1963
19650058267	Radar terrain return /task 2.1 advanced fuzing - rest program/	1963
19650058286	Development of ejectable nose capsule equipment for feasibility testing final report	1963
19650058375	Saturn s-11 materials and processes development during the first half of 1963	1963
19650058376	Mathematical simulation of apollo checkout	1963
19650058387	Nuclear vehicle flight safety study, phases i and ii	1963
19650058432	[No Title]	1963
19650058476	Research and investigation on phosphor screens for high resolution display devices final report, jun. 1961 - jul. 1962	1963
19650058488	Manufacturing in-process control and measuring techniques for integral electronics interim engineering progress report, 1 sep. - 30 nov. 1964	1963
19650058535	High temperature polymers, part i	1963
19650058580	Microwave diode research second quarterly progress report, 10 sep. - 9 dec. 1962	1963
19650058588	Contamination exposures of cb-izr alloy specimens monthly project status report, feb. 4 - mar. 4, 1963	1963
19650058619	Determination of the emissivity of materials monthly progress report, nov. 1963	1963
19650058705	Accelerated service evaluation of j79-ge-2 and j79-ge-8 engines	1963
19650058732	Solid propellant rocket motors designed to exhaust at 90 degrees to the centerline of the motor quarterly report no. 5, 16 jan. - 15 apr. 1963	1963
19650058738	Nova vehicle systems study. part i- conceptual design study. volume 8- noncategory-oriented substantiation data. book 2- technical data final report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058754	Nova part i conceptual design study. appendix a- additional cost results, program cost and efficiency data summary	1963
19650058784	The existence of a superconducting state in semiconductors	1963
19650058786	Radioactive doping of cadmium sulfide films	1963
19650058787	Hydrates at high pressures. part i- methane- water, argon-water, and nitrogen-water systems	1963
19650058788	Porphine-like substances- probable synthesis during chemical evolution	1963
19650058789	Proton Magnetic Resonance of Some Cyclopropane Derivatives	1963
19650058790	Two electron atoms iv. some sixth-order expectation values	1963
19650058791	Al ₂₇ quadrupole coupling in solid alcl ₃	1963
19650058792	On computing elliptic integrals and functions	1963
19650058793	On the angular momentum distribution in the disks of spiral galaxies	1963
19650058794	Cavitation research facilities at the ordnance research laboratory of the pennsylvania state university	1963
19650058810	Nasa-gsfc network operations plan saturn 5 /sa-5/	1963
19650058925	Research and development program for airborne towed vehicles	1963
19650058926	Measurements of reflecting properties of various aircraft coatings when illuminated by a laser	1963
19650058940	Reusable nuclear ferry study, phase ii, volume i progress report, 26 jul. - 3 oct. 1963	1963
19650058963	On the oxygen polarizability in batio ₃ and related materials	1963
19650058966	Ultra-Violet Color Centers in X-Irradiated Lithium Fluoride	1963
19650058969	An analytical and experimental investigation of the stability of an analogous liquid propellant space vehicle	1963
19650058971	Comments on Type II Radio Outbursts from the Sun	1963
19650058974	On the concentrations of vibrationally excited o ₂ formed in the flash photolysis of no ₂	1963
19650058984	On pseudo-inverses for unbounded operators with arbitrary range	1963
19650058986	Use of a field ionization system as a universal detector for molecular beams	1963
19650058987	The stability of ionization fronts	1963
19650058988	On a System of Equations in Automatic Control Theory	1963
19650058990	Source of gas evolution from lunar crater alphonsus	1963
19650058999	The ratio of electrons to positrons in the primary cosmic radiation	1963
19650059000	Real time quick-look analysis for the ogo satellites	1963
19650059003	Comment on "sputtering Ion Source for Solids"	1963
19650059004	The effect of collision focusing on monocrystalline sputtering yield theory	1963
19650059006	A microsecond rise time, multi-output amplifier for shock-tube heat transfer gauges	1963
19650059010	Parabolic differential equations and lyapunov like functions	1963
19650059012	Summary of commission v scientific sessions, xivth general assembly of international scientific radio union, tokyo, japan, september 10-19, 1963	1963
19650059013	Some results on the synchronization of finite- state machines	1963
19650059015	Iterative synthesis of threshold functions	1963
19650059016	The crystal structure of strontium bromide monohydrate	1963
19650059019	An operator representation and its application to a function-analytic generalization of the inverse	1963
19650059022	A Theoretical Study of the O ₂ x ₃ Sigma - over g - B ₃ Sigma - over u Photodissociation Continuum	1963
19650059023	Real helium atoms i. the 21p state	1963
19650059024	New spectroheliograph at manila observatory	1963
19650059038	First propellant contractors' synthesis conference	1963
19650059039	[No Title]	1963
19650059040	[No Title]	1963
19650059041	[No Title]	1963
19650059042	[No Title]	1963
19650059043	[No Title]	1963
19650059044	[No Title]	1963
19650059045	The hybaline b fuels	1963
19650059046	[No Title]	1963
19650059047	[No Title]	1963
19650059048	Boron cations by hydride ion abstraction	1963
19650059049	Synthesis and characterization of ammonium hydrotriborates	1963
19650059050	Mixed borohydrides of aluminum	1963
19650059051	Oxyfluoride chemistry	1963
19650059052	The chemistry of bis/trifluoromethyl/ nitroxide. a stable free radical	1963
19650059053	Basic research in solid oxygen oxidizers	1963
19650059054	Fluorine and oxygen containing anions of pentavalent chlorine	1963
19650059055	Preparation of salts containing the n ₂ o ₃ plus o ₂ plus ions	1963
19650059056	The preparation and properties of fluoroxy compounds, peroxides, and trioxides	1963
19650059057	[No Title]	1963
19650059058	New interhalogen	1963
19650059059	[No Title]	1963
19650059060	[No Title]	1963
19650059061	[No Title]	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059062	[No Title]	1963
19650059063	[No Title]	1963
19650059064	[No Title]	1963
19650059065	Approaches to the synthesis of polydifluoramino compounds	1963
19650059066	[No Title]	1963
19650059067	Synthesis of mixed oxidizers	1963
19650059068	Studies in nitrogen-fluorine chemistry	1963
19650059069	Reactions of difluoramino compounds	1963
19650059070	The chemistry of aliphatic difluoramino compounds	1963
19650059071	[No Title]	1963
19650059072	[No Title]	1963
19650059073	[No Title]	1963
19650059074	Nf2/isocyanate and nf2/nitramine chemistry	1963
19650059075	New studies in oxidizer chemistry	1963
19650059076	Research in selective fluorination techniques	1963
19650059077	Some studies on oxidizers	1963
19650059078	Comments on oxidizer research	1963
19650059079	Relationship between decomposition kinetics and sensitivity	1963
19650059080	The infrared spectra of nf, nci, and nbr	1963
19650059132	Fluid amplifier state of the art. volume iii and volume iv- research and development - fluid amplifiers and logic phase i report	1963
19650059286	Nova vehicle system study. part i- concep- tual design study. volume i- vehicle system comparison and selection, advanced technology plan	1963
19650059329	Manned orbital research laboratory system, phase 1 monthly progress report, jul. 1963	1963
19650059339	An experimental study of point level sensors for liquid hydrogen, addendum final report	1963
19650059340	An experimental study of point level sensors for liquid hydrogen, appendix final report	1963
19650059355	Saturn s-11 ullage motors subsystem report	1963
19650059357	Report on a system comparison and selection study of a manned orbital research laboratory. volume iii- preliminary program plan	1963
19650059365	Research and development on high-pressure- high-temperature metallurgy progress report, 18 dec. 1962 - 18 apr. 1963	1963
19650059369	An equatorial to altitude-azimuth coordinate converter technical report no. 1306-2	1963
19650059376	Climatological wind and density data for twenty-five ussr stations	1963
19650059467	Tests of tracers for flow visualization in a water flow analogy rig	1963
19650059479	Optical guidance feasibility study fourth quarterly report	1963
19650059480	Optical guidance feasibility study fifth quarterly report	1963
19650059490	A preliminary study of the apollo in-flight test system	1963
19650059491	Objectives, measures of effectiveness, and criteria for apollo prelaunch operations as they affect checkout activities	1963
19650059492	Evaluation of saturn s-1 reliability test program final report	1963
19650059493	Study of large sea-launch space vehicle. volume i- design	1963
19650059494	Lunar logistic system payload performance study. volume iii- development programs, and estimated schedules and costs final report	1963
19650059495	Early manned interplanetary mission study, volume i summary report	1963
19650059532	Runway trials to compare the drag and wave-shapes of water, natural and synthetic slush	1963
19650059559	Communications satellites- problems of pricing and user access	1963
19650059590	The effect of compression shocks in the transitional region between gas-dynamic and molecular forms of flow <zur wirkung von verdichtungsstossen im ubergangsbereich zwischen gasdynamischer und molekularer stromungsform<	1963
19650059642	Study Report on Modifying TIROS to the Wheel Cofiguration	1963
19650059797	Viscous hypersonic flow past a slender cone	1963
19650059808	National academy of sciences, transcript of proceedings, patrick afb, florida, 15 may 1963, volume iii	1963
19650059821	Mid-study briefing study of subsystems required for a mars mission module	1963
19650059862	Midterm Review Manned Orbital Laboratory (Zero-G) Saturn v Class	1963
19650059863	Report on a system comparison and selection study of a manned orbital research laboratory. supplement- the impact of additional experiments on morl	1963
19650059865	Phase iii first progress briefing, post-nova launch vehicle study	1963
19650059867	Operations Analysis of Advanced Lunar Transportation Systems, Phase B Second Progress Report No. 00.293, 1 Jun. - 26 Sep. 1963	1963
19650059869	Nova Vehicle System Study, Part II Summary	1963
19650059898	Development of ablative thrust chambers and throat inserts suitable for use on the gemini and apollo vehicles first materials report, 27 jun. - 31 dec. 1963	1963
19650059943	Saturn s-iv stage weight and balance status report, model no. dsv-4	1963
19650059944	Saturn s-iv stage weight and balance status report, model no. dsv-4	1963
19650059964	Radiobiological considerations in reentry of nuclear reactor fragments topical report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059969	Development of ablative thrust chambers and throat inserts for use on the gemini and apollo vehicles first quarterly progress report, jun. 27 - sep. 30, 1963	1963
19650059970	Development of ablative thrust chambers and throat inserts for use on the gemini and apollo vehicles second quarterly progress report, oct. 1 - dec. 31, 1963	1963
19650059974	Nickel-cadmium batteries for the orbiting geophysical observatory. volume i- cell characteristics, charge control concepts, battery design	1963
19650060063	Specification, environmental acceptance test, ogo experiments	1963
19650060066	Operations analysis of advanced lunar transportation systems, phase b first progress report, 1 mar. - 28 may 1963	1963
19650060067	Optical guidance feasibility study third quarterly report, nov. 1, 1962 - jan. 31, 1963	1963
19650060152	Solid-boosted nova vehicle system study, volume i final report	1963
19650060165	A study of advanced orbital launch operations first progress report, 4 mar. - 17 jul. 1963	1963
19650060384	Shuttle valve, p/n b75m03977 test report	1963
19650060391	Investigation of thiazole polymers for heat- resistant fibers and films technical documentary report, dec. 15, 1961 - nov. 30, 1962	1963
19650060463	An experimental study of point level sensors for liquid hydrogen, volume i final report	1963
19650060555	Program plan for saturn s-ii stage	1963
19650060597	Saturn stage s-11 airborne systems failure mode analysis summary	1963
19650060624	Solar probe study. volume iib- spacecraft design final report	1963
19650060631	Saturn s-11 stage monthly progress report, sep. 1963	1963
19650060708	<saturn s-ic program< monthly technical progress report, aug. 2-29, 1963	1963
19650060709	Nimbus command and data acquisition /cda/ station data system performance requirements and equipment interface specification	1963
19650060714	Atmospheric environment for saturn /sa-4/ flight test	1963
19650060717	Saturn s-11 stage second monthly progress report, 1-29 mar. 1963	1963
19650060719	S-ivb stage separation report	1963
19650060740	Lightning protection for rcaf argus aircraft	1963
19650060760	Experimental and theoretical study of the distribution of stresses in fixed beams	1963
19650060793	Investigation of tin-cadmium electrodeposits final report	1963
19650060842	Flat cables and flexible printed circuits for spacecraft applications- an annotated bibliography	1963
19650060850	Mechanism of oxidation of polyphenyl ethers technical documentary report, 15 nov. 1962 - 31 dec. 1963	1963
19650060898	Failure effect analysis of ground support equipment for saturn i, block ii vehicles	1963
19650060902	General test plan, saturn s-ivb system	1963
19650060963	Systems analysis of trajectories and guidance for a spin-stabilized lunar photographic spacecraft final report	1963
19650060998	Saturn technical information handbook, volume iii	1963
19650061096	Smts - synchronous meteorological test satellite feasibility study	1963
19650061152	Model specification ground support equipment, saturn s-ivb stage	1963
19650061283	Review of hypervelocity impact studies at mcgill university	1963
19650061347	Study of physical and chemical characteristics of balloons and balloon materials quarterly progress report, 1 sep. - 30 nov. 1963	1963
19650061416	Studies on the meteorology of greenland interim report, mar. 15 - sep. 1963	1963
19650061483	Life support system for space flights of extended time periods	1963
19650061510	An apparatus for testing high-efficiency particulate filters	1963
19650061512	Automatic checkout systems a report bibliography, 1958-1963	1963
19650061579	Cryogenic gh2 in a thrust nozzle	1963
19650061591	Space surgeons dilemma	1963
19650061619	Development of manufacturing methods to produce high temperature aircraft tires final technical report, 20 aug. 1961 - 20 oct. 1963	1963
19650061649	Water electrolysis unit, life support system, specification for	1963
19650061650	Waste management system, life support system, specification for	1963
19650061655	Waste heat air evaporation water recovery unit, life support system, specification for	1963
19650061657	Effects on cabin atmosphere of crew metabolic rate excursions	1963
19650061662	Personal hygiene system evaluation and subsystem specification for space flights of one year duration. life support system for space flights of extended time periods	1963
19650061676	Derivation of equations for rectangular coordinates for a high speed track	1963
19650061682	Zero field splittings of different iron complexes final technical status report, 31 oct. 1960 - 31 jul. 1963	1963
19650061690	Spacecraft cabin test hull. life support system for space flights of extended time periods	1963
19650061692	Waste management subsystem specification for space flights of one year duration. life support system for space flights of extended time periods	1963
19650061693	High temperature catalytic burner. life support system for space flights of extended time periods	1963
19650061699	Solid state spectroscopy report final technical report, 1 jan. 1962 - 31 dec. 1963	1963
19650061740	Studies in support of the development of guidance systems	1963
19650061769	Co2 reduction unit, life support system, specification for	1963
19650061770	Cabin air water separator, life support system, specification for	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061771	Study of a rotating manned orbital space station mid-term review	1963
19650061805	Analogue methods for solving electron optics problems third annual progress report, period ending nov. 1963	1963
19650061829	Miniaturized x-band stripline duplexer first quarterly progress report, 1 jul. - 30 sep. 1963	1963
19650061830	A study of voltage induced inversion layers on the surface of single crystal silicon first annual report	1963
19650061831	Polycrystalline vacuum cast copper. c.v.d. microwave power research project r.p. 9-16 annual progress report	1963
19650061833	Investigation of barium titanate ceramics by x-ray techniques progress report, sep. 1 - dec. 31, 1963	1963
19650061834	Hypersonic waves in piezoelectric crystals c.v.d. annual report	1963
19650061835	Surface injection voltage in si c.v.d. annual report, apr. - sep. 1963	1963
19650061838	100-kilovolt ceramic-metal thyratron first quarterly progress report, 15 jul. - 14 oct. 1963	1963
19650061856	The thermal-vacuum testing of the s-51 inter- national ionosphere satellite flight systems	1963
19650061857	Lockheed presentation for rover flight safety panel meeting	1963
19650061861	Integrated tunnel diode circuit using epitaxial techniques first annual research report	1963
19650062187	Prototype development model 385 air refueling store engineering report no. 4852, 1 sep. - 11 oct. 1963	1963
19650062188	Investigation of microwave non-linear effects utilizing ferromagnetic materials quarterly progress report, may 17 - aug. 16, 1963	1963
19650062206	Predicting success in aviation training	1963
19650062207	Optical properties of uranium	1963
19650062209	Proceedings of the Mercury-Atlas Booster Reliability Workshop	1963
19650062216	The composition of thin electrodeposited alloy films with special reference to nickel-iron	1963
19650062220	Environmental resistance evaluation through analytical simulation	1963
19650062237	A report on investigations of the electrical impedance and output waveform of solion logarithmic detectors	1963
19650062238	Response spectra for high air-blast loads	1963
19650062239	<improving the technique of installing strain gages in gear teeth> research and development report	1963
19650062240	Algebraic aspects of prolongations	1963
19650062316	Travelling waves on conical metal bodies	1963
19650062322	Human engineering design standards for spacecraft controls and displays	1963
19650062332	Test program for determination of soil constants in vacuum final report	1963
19650062468	Research into new approaches for vhf filter crystals first quarterly report, 1 may - 31 jul. 1963	1963
19650062481	External measurement of cardiac output	1963
19650062560	Analysis of electrostatic effects on lunar surface vehicles	1963
19650062752	An interim note on two dimensional base bleed	1963
19650062863	Improved photoionization and absorption spectra of several gases in the 600 to 1000 angstrom region	1963
19650062882	Evaluation of piezoelectric transducers for nuclear radiation environment	1963
19650062976	Static theory of density and potential distribution in a beam-generated plasma technical report no. 0311-1	1963
19650063004	Direct aeronomic measurements in the lower ionosphere - an informal conference record final report	1963
19650063036	System reliability and quality assurance program plan, preliminary issue. volume iv- quality assurance program plan	1963
19650063039	Vidicon tracker development interim engineering report, 1 jun. - 30 nov. 1963	1963
19650063042	Survival following air force aircraft accidents, 1 january 1958 - 31 december 1963	1963
19650063176	The feasibility of generating an artificial aurora using a rocket-borne electron accelerator final report	1963
19650063281	Laplace transforms - distributional theory technical report no. 2250-3	1963
19650063299	Development of Pelletized Propellant Monthly Progress Report No. 5, Aug. 1963	1963
19650063335	Test program for determination of soil constants in vacuum. appendix a- test data report final report	1963
19650063341	Gemini electrical potential analysis	1963
19650063389	Research for solubility for interstitials in columbium. i- a study of columbium-rich alloys in the ternary systems cb-w-o, cb-w-n, and cb-w-c summary technical report, 15 apr. 1963 - 1 jun. 1964	1963
19650063456	Snap-8 corrosion program quarterly progress report, period ending aug. 31, 1963	1963
19650063479	<mechanisms of cellular metabolism in simulated space environments> semiannual status report, 1 sep. 1962 - 28 feb. 1963	1963
19650063523	Development of high temperature ceramic rectifiers, thyratrons, and voltage regulator tubes quarterly report no. 1, 26 jun. - 25 sep. 1963	1963
19650063533	Foundational research, 1963, part i	1963
19650063677	Development of an ion rocket engine system for attitude control and station keeping quarterly progress report no. 4	1963
19650063708	An investigation of pulsed modes of laser operation. part ii- behavior of a pulsed laser with step function switching final report, jul. 1962 - jul. 1963	1963
19650063731	Qualification of f-16 q-ball and total temperature measurements on-board vehicle sa-4	1963
19650063896	Fiber optics technology improvement interim technical report nos. 2 and 3, mar. 11 - aug. 31, 1963	1963
19650063966	Observations and investigations relating to the problem of block aerotriangulation	1963
19650064121	Notes, tables, and glossary on orbital and geodetic terms	1963
19650064205	Development of an ion rocket engine system for attitude control and station keeping quarterly ly progress report no. 1, jan. 1963	1963
19650064268	Nozzle performance evaluation program, bell model 8289 interim report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064292	Ion engine rocket research and development letter status report, 1-31 jul. 1963	1963
19650064451	Nimbus adapter drop test review	1963
19650064479	An Improved Co2 Collection Well for Use in Incubation Studies	1963
19650064480	Studies on bacteria associated with chlorella pyrenoidosa tx71105 in mass culture	1963
19650064486	Operations analysis of integration checkout and launch of space vehicles. volume ii appendix a- delta vehicle cost analysis	1963
19650064594	Attitude sensor study summary report	1963
19650064613	Heat transfer development program monthly status report	1963
19650064624	Repetitively pulsed 2-stage plasma engine first quarterly progress report, jun. 1 - aug. 31, 1963	1963
19650064629	Launch complex hazardous gas atmospheres for application of national electric code - article 500	1963
19650064664	Dynamics training course lectures, volume i	1963
19650064665	Dynamics training course lectures, volume ii	1963
19650064684	<theoretical investigation of the use of radar in the study of the moon and planets< final report	1963
19650064846	Saturn s-vi vehicle study	1963
19650064848	Evaluation and application of effective recombination rate constants in exhaust expansion system	1963
19650064849	Estimated performance of a mach 4.5 hydro- carbon fueled turbojet-turboramjet /strj-194a/	1963
19650064980	Coolant fluid heater life support system, specification for	1963
19650065002	Titan II Space Booster Design Study. Volume III Ground Systems Detail Design Final Report	1963
19650065003	Titan ii space booster design study, volume iv- development and funding plan final report	1963
19650065004	Titan II Space Booster Design Study Volume V Engineering Drawings Final Report	1963
19650065199	Heat flux measurement	1963
19650065228	Space power plant study third progress report	1963
19650065231	Initial lunar base concept powerplant study	1963
19650065238	Space power plant study final report	1963
19650065497	Airborne flight termination system, tracking and associated radio frequency systems data for range safety planning /pmr/	1963
19650065550	Engineering design study of albedo simulator system and apollo spacecraft gimbal support system final report	1963
19650065853	Engagement analyses between a maneuverable re-entry vehicle and a sprint interceptor missile	1963
19650066011	Titan II Space Booster Design Study, Volume I- Summary Report Final Report	1963
19650066013	Titan II Space Booster Design Study. Volume II Airborne System Detail Design Final Report	1963
19650066016	Experimental development of the pentaborane- hydrazine storable propellant combination final report	1963
19650066123	A rationale for geographic referencing of meteorological satellite data technical report no. 1	1963
19650066145	Solar electric propelled spacecraft capabilities study. phase 1- solar electric propelled spacecraft performance	1963
19650066215	Analysis of electron-ion mixing in ion engines quarterly report no. 4, 1 mar. 31 may 1963	1963
19650066216	Lunar surface vehicle subsystem for a lunar base final report	1963
19650066259	New developments in continuous propellant processing for the polaris propulsion system, june 1963 new developments in continuous propellant processing for the polaris propulsion system, june 1963 /u/	1963
19650066269	Squib circuit testing for the program 461 second stage booster	1963
19650066463	High power magnetically confined plasma duplexer second quarterly report, 31 aug. - 30 nov. 1963	1963
19650066490	Long range automatic azimuth alignment theodolite lr2a/gs	1963
19650066532	Engineering study of multipurpose engine and fuel system for manned lunar bases monthly report, period ending nov. 30, 1965	1963
19650066659	Early manned interplanetary mission study	1963
19650066661	Launch vehicle cost model	1963
19650066674	Development of a launch vehicle systems cost model first progress report	1963
19650066698	A parachute design study for mariner b entry capsule	1963
19650066699	NASA Space Station Questionnaire. Concept 3	1963
19650066710	A study of electrostatic charge generation during low temperature refuelling of aircraft	1963
19650066736	The absorption and dispersion of sound waves in gases <schallabsorption und -dispersion in gasen<	1963
19650066775	Evaluation of Flight Test Propulsion Systems and Associated Systems, Saturn Vehicle Sa-3	1963
19650066776	Structural Dynamic Flight Data Analysis for Atlas/agera/ranger /ranger 2 Through Ranger 5/	1963
19650066777	Multi-mission Module Description and Some Applications	1963
19650066778	On the classification of families of shapes for rods of axially varying cross-section in longitudinal vibration	1963
19650066779	Operational feasibility of a conceptual large space station final report, appendixes	1963
19650066782	Saturn s-ii general manual nasa support document	1963
19650066809	Electrolytic conversion coatings for temperature control surfaces summary report, 4 may 1961 - 3 aug. 1963	1963
19650066830	Manned orbiting space station- environmental control and life support system study third monthly progress report	1963
19650066897	Application of materials to advanced rocket nozzle and hot gas control systems first quarterly progress report	1963
19650066907	Bandwidths for program 369	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066945	Fuel and oxidizer ducting system for the s1-c stage of the c-5 saturn vehicle monthly progress report no. 7, 1-31 jan. 1963	1963
19650066946	Fuel and oxidizer ducting system for the s-1c stage of the saturn v vehicle monthly progress report, 1-31 aug. 1963	1963
19650066947	Fuel and oxidizer ducting system for the s-1c stage of the saturn vehicle monthly progress report, 1-30 apr. 1963	1963
19650066948	Fuel and oxidizer ducting system for the s1-c stage of the saturn v vehicle semi- monthly progress report, 1-15 jun. 1963	1963
19650066949	Fuel and oxidizer ducting system for the s-1c stage of the saturn v vehicle monthly progress report, 1-30 sep. 1963	1963
19650066950	Fuel and oxidizer ducting system for the s-1c stage of the saturn v vehicle semimonthly progress report, 1-15 aug. 1963	1963
19650066951	Fuel and oxidizer ducting system for the s-1c stage of the saturn v vehicle monthly progress report, 1-30 nov. 1963	1963
19650066953	Fuel and oxidizer ducting system for the s-ic stage of the saturn v vehicle monthly progress report 1-30 jun. 1963	1963
19650066997	Launch Vehicle Man-rating. Volume I- Summary and Manned Vehicle Project Review	1963
19650067012	Orbital lifetime- uk.3 satellite	1963
19650067014	Satellite heat input and heat balance calcula- tions using the digital computer i.b.m 7090- uk.3 satellite	1963
19650067163	A Program of Ion Source Research and Development	1963
19650067164	Investigation of the Forces Between Atoms, Molecules, and Ions as Small Separation Distances for Use in the Evaluation of Properties of Gases at Very High Temperatures. Progress Report No. 9	1963
19650067166	Liquid Alkali Metal Investigation	1963
19650067167	Research on a Magneto-Acoustic Information Storage System	1963
19650067168	RIFT Program Review for Nuclear Systems Branch, Oart and Nuclear Vehicle Projects Office, MSFC, National Aeronautics and Space Administration, 28 February 1963	1963
19650067169	Heat Transfer to Gases Bubbling Through Liquid Beds	1963
19650067170	Study of Reignitable Solid Propellant Grains Leading to Extinguishable and Restartable Solid Propellant Rocket Motors	1963
19650067171	Extreme Vacuum Technology (Below 10(exp -13) Torr) and Associated Clean Surface Studies	1963
19650067172	The Perturbation of Interplanetary Dust Grains by the Solar Wind	1963
19650067174	Design, Development, and Demonstration of On-Off-On Device for Solid Propellant Rocket Motors	1963
19650067175	Lockheed Presentation for Rover Flight Safety Panel Meeting, Launch Operations Center, Cape Canaveral, Florida, 1-3 May 1963	1963
19650067176	Study of the Application of Electric Propulsion to Space Missions Quarterly Progress Report No. 2,	1963
19650067177	Extreme Vacuum Technology (below 10(exp -13) Torr) and Associated Clean Surface Studies	1963
19650067209	Manned orbiting space station- environmental control and life support system study midterm review	1963
19650067295	Altitude temperature tests of relay, diode, and resistor boards	1963
19650067319	Fire-resistant high temperature hydraulic fluids technical summary report, 30 nov. 1961 - 15 nov. 1962	1963
19650067424	Evaluation of geiss anti-groundloop landing gear on cessna 01-e /l-19/ aircraft	1963
19650067501	Thermal design	1963
19650067532	Fuel and oxidizer ducting system for the si-c stage of the c-5 saturn vehicle monthly progress report, 1-31 dec. 1962	1963
19650067546	Hydrodynamic studies of the sea dragon post- nova vehicle concept final report no. 1260	1963
19650067579	Stressing cases for the uk3 satellite	1963
19650067619	Boiling heat transfer for cryogenics fifth monthly progress report, ending oct. 31, 1963	1963
19650068085	Research program related to vapor thermionic converters for nuclear application	1963
19650068707	Research in photosynthesis quarterly status report no. 2	1963
19650068709	A comparison of the susceptibilities of three groups of naval aviation personnel to symptomatology of motion sickness	1963
19650068710	Considerations in design of calorimeters for the project fire superorbital re-entry test vehicle	1963
19650068711	Interaction of plasma oscillations with conduction in a penning gauge	1963
19650068713	Local let spectra in tissue for solar flare protons in space and for neutron produced recoil protons	1963
19650068714	Automated life detection devices	1963
19650068717	Experimental studies of vibrational and dissociative nonequilibrium in expanded gas flows	1963
19650068849	Liquid rocket combustion processes. task no. ii- preliminary accounting outline progress report	1963
19650069177	<instrumentation and theoretical development for study of electromagnetic wave propagation in magnetoplasmas< semiannual status report no. 7, 1 nov. 1962 - 30 apr. 1963	1963
19650069178	<investigation of the properties of gas plasmas by microwave techniques< semiannual status report no. 8, 1 may - 31 oct. 1963	1963
19650069182	Theoretical study of atomic and molecular gases and their reactions in the upper atmosphere semiannual progress report, nov. 1, 1962 - apr. 30, 1963	1963
19650069183	<single fluid analysis of a magnetohydrodyna- mic travelling wave channel< progress report, feb. 1 - jun. 1, 1963	1963
19650069457	Investigation of adhesion and cohesion of metals in ultrahigh vacuum monthly progress report, aug. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650069459	Investigation of adhesion and cohesion of metals in ultrahigh vacuum first quarterly progress report, mar. 1 - may 30, 1963	1963
19650069461	Investigation of adhesion and cohesion of metals in ultrahigh vacuum monthly progress report, sep. 1963	1963
19650069475	Plasma diffusion in the ionosphere	1963
19650069476	The impact of sputnik i - case-study of american public opinion at the break of the space age october 4, 1957	1963
19650069477	Cryogenics and space technology <cryogenie et technologie spatiale>	1963
19650069491	<measurement techniques for the directional spectral intensity of low energy protons, including the construction of a prototype instrument> semiannual status report, jul. 1 - dec. 31, 1963	1963
19650069493	Research on vibratory-output angular motion sensors fourth status report, 1 dec. 1962 - 31 may 1963	1963
19650069494	Structure of long chain molecules	1963
19650069496	<study of biological mechanisms in instrumentation development> fourth quarterly report	1963
19650069498	Development of launch vehicle optimization systems utilizing the system optimization and review technique progress report no. 3, sep. 1 - 30, 1963	1963
19650069500	Basic studies on dispersion hardening quarterly report no. 1, 11 jun. - 11 sep. 1963	1963
19650069588	Contamination exposures of cb-1zr alloy specimens monthly project status report, mar. 4 - apr. 4, 1963	1963
19650069734	Collection and analysis of particles from the mesopause	1963
19650069769	Materials requirements for space propulsion	1963
19650069770	The non-existence of quiescent plasma states in ion propulsion	1963
19650069809	<behavioral research and experimental analysis of complex behavioral repertoires under full environmental control> semiannual status report, 1 feb. - 31 jul. 1963	1963
19650069898	Ablation product radiation from cones	1963
19650070121	Minimum-error demodulation of binary pcm signals	1963
19650070122	A proposal for a 48-inch telescope	1963
19650070123	Proposal for a 60-inch telescope	1963
19650070614	<saturn launch vehicles- status and plans>	1963
19650070671	Remarks on the Artificial Radiation Belt Produced by the 9 July 1962 Nuclear Detonation ("Starfish")	1963
19650070677	Alumina dispersion strengthened copper-nickel alloys	1963
19650070682	The Fracture Mechanics Approach to Fatigue	1963
19650070810	The synthesis and use of some insoluble immunologically specific adsorbents	1963
19650071331	S-ii program briefing	1963
19650071425	Satellite bands near high members of the cesium absorption spectrum	1963
19650071435	Note on recurrent codes	1963
19650071520	Second annual report	1963
19650071806	X-20 /dyna-soar/ communications and tracking subsystem - airborne instrumentation plan for development test program	1963
19650071827	An/asm-13 antenna pattern measurements of the an/fps-27 iff system, crystal springs, mississippi final report	1963
19650071850	Qualification test procedures for water wall	1963
19650072500	Advanced Life Support Systems	1963
19650072841	A survey of atmosphere reentry guidance and control methods	1963
19650072842	Investigation of impact flash at low ambient pressures	1963
19650072985	<study of crystallization, crosslinking and dimensional changes during the crystal-liquid phase transition of oriented polymeric systems> semiannual status report, 1 sep. 1963	1963
19650074241	Processing and transmitting information through the central nervous system	1963
19650074725	A preliminary study of the effects of ener- gizing the boundary layer in the test sections of hypersonic wind tunnels	1963
19650074830	Some thoughts on our national space program	1963
19650074837	Detection of an Interstellar Flux of Gamma Rays	1963
19650075518	Tables and Graphs of Weibull, Gamma, and Log- Normal Density Functions for Various Values of the Parameters	1963
19650075757	Ariel satellite /s-51 prototype/ magnetic tests	1963
19650075825	Space Flight Operations Facility Communication Systems Evaluation and Study. Phase I- Final Engineering Report, 9 May - 30 Nov. 1962	1963
19650075828	Contact metamorphism in the mt. tallac roof remnant, sierra nevada, california	1963
19650075834	Study of thin film large area photovoltaic solar energy converter monthly status report no. 9, 1-31 oct. 1963	1963
19650075839	Radiation doses in interplanetary flight	1963
19650075844	Reliability analysis of the mariner c space- craft	1963
19650075853	Study of thin film large area photovoltaic solar energy converter third monthly status report, 1-31 jan. 1963	1963
19650075898	Reentry	1963
19650076045	Gemini launch escape	1963
19650076049	An introduction to "gravitation and relativity"	1963
19650076050	Criterion of instability in top heavy layers of fluids	1963
19650076051	Low level decameter emissions from jupiter	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650076054	Reliability analysis for space systems	1963
19650076055	A note on the atmospheric composition of venus	1963
19650076056	On the Close Analogy Between Radiative and Conductive Heat Flux in a Finite Slab	1963
19650076057	Tensile properties of tungsten 3 percent rhenium from 1400 to 2900 deg c in vacuum	1963
19650076058	Space photography and its geographical appli- cations	1963
19650076072	Long-range reentry guidance of a low l/d vehicle	1963
19650076080	Automatic estimates of computational errors	1963
19650076089	Brayton Cycle Solar Collector Design Study Program, Item II, A Monthly Progress Report No. 4, Nov. 1963	1963
19650076117	Television cinemaphotography of auroras	1963
19650076122	The iron, magnesium, and calcium distribution in coexisting olivines and rhombic pyroxenes of chondrites	1963
19650076124	An improved, miniaturized bio-medical amplifier	1963
19650076125	A stabilized, automated camera for airborne eclipse photography	1963
19650076127	Liquid and solid propellants for space rockets	1963
19650076128	Turbulent temperature fluctuations and two-dimensional heat transfer in a uniform shear flow	1963
19650076129	A new stress corrosion test for sheet materials	1963
19650076130	Surface x-ray emission from neutron stars	1963
19650076134	International symposium on biology of neuroglia congreso latinoamericano, buenos aires, argentina, october 17, 1963	1963
19650076135	International symposium on biology of neuroglia congreso latinoamericano, buenos aires, argentina, october 18, 1963	1963
19650076137	<mars exploration- communication devices and radar techniques for landing site selection< third quarterly report, jan. 11 - may 11, 1963 /appendix/	1963
19650076145	The p-states of systems of three coulombic particles	1963
19650076224	Use of polaroid film in x-ray diffraction	1963
19650076225	A viewpoint on the future of electric propulsion	1963
19650076226	Summary of lubrication problems in vacuum environment	1963
19650076232	Effects of reduced gravity on nucleate boiling bubble dynamics in water	1963
19650076233	Research on a manually piloted airborne zero- zero landing system	1963
19650076234	Cesium ion production in a strong ion accelerating field	1963
19650076235	Jet v/stol tactical aircraft	1963
19650076236	The outlook for gas-core nuclear rockets	1963
19650076237	Boundary-layer changes across an incident reflecting shock	1963
19650076239	The plasma pinch as a gas accelerator	1963
19650076240	Aerodynamics of the parawing	1963
19650076242	The use of thymidine in studies with mammalian cell cultures. i - clonal growth of hela s3 cultures after short incubations with tritium labeled thymidine	1963
19650076243	The use of thymidine in studies with mammalian cell cultures. ii - the action of thymidine on the growth, metabolism, and morphology of hela s3 cells	1963
19650076244	Miniguide - a simplified attitude control for spin-stabilized vehicles	1963
19650076245	Cesium diode operation in three modes	1963
19650076246	A report on the use of a conventional wind tunnel as a multigas facility	1963
19650076248	Note on effects of mass addition on the stability of slender cones at hypersonic speeds	1963
19650076255	Scout vehicle aerodynamic-noise measurements	1963
19650076256	A look at the thermodynamic characteristics of brayton cycles for space power	1963
19650076259	Preliminary results of diffusion studies of commercially available coatings on mo-0.5 ti molybdenum alloy sheet at 2500 deg f	1963
19650076261	Microwave-cavity measurement of the faraday effect in a magnetoplasma	1963
19650076265	Relation between thermal conductivity and viscosity for nonpolar gases ii. rotational relaxation of polyatomic molecules	1963
19650076268	The influence of substrate configuration and temperature on the epitaxial growth of germanium films	1963
19650076269	Artificial electron-belt radiation protection for the explorer xvi solar cell power supply	1963
19650076270	Cryogenic reactant storage for space electrical power systems	1963
19650076271	Notch effects on fatigue and static strength	1963
19650076273	Biological effects of prolonged exposure of small mammals to closed gaseous environment semiannual report, 1 sep. 1962 - feb. 1963	1963
19650076274	Background ion emission from tungsten fila- ments	1963
19650076276	Investigation of impact flash at low ambient pressures	1963
19650076278	Calculated temperature histories of vaporizing droplets to the critical point	1963
19650076280	Runway Slipperiness and Slush	1963
19650076281	Extension of the measured experience of human impact loads	1963
19650076283	Summary of model-support interference problems	1963
19650076285	Analysis of solar energy conversion using thin dielectric film	1963
19650076287	The crystal structure of strontium bromide	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650076289	Effects of several alloy production and fabrication variables on the sharp notch properties of 5a1-2.5sn-ti sheet at liquid hydrogen temperature	1963
19650076290	Correlation of uniaxial notch tensile data with pressure-vessel fracture characteristics	1963
19650076293	Materials for wings and fuselage of supersonic transports	1963
19650076294	On the temperature dependence of the breakdown field of batio3	1963
19650076296	Dynamical polysystems and optimization	1963
19650076298	New evidence for long-lived solar streams in interplanetary space	1963
19650076299	Glycogen increase in the brain as a relation to injury with report of glycogen studies in the rat brain following exposure to ionizing radiation	1963
19650076300	Tensile properties of pyrolytic tungsten from 1370 to 2980 deg c in vacua	1963
19650076302	On the early onset of thymineless death occurring after exposure to ultraviolet light	1963
19650076303	A preliminary study of the effects of energizing the boundary layer in the test section of hypersonic wind tunnels	1963
19650076304	Theory of the geomagnetic daily disturbance variations	1963
19650076306	Truncated reaction operators	1963
19650076307	Containment vessel leak-rate testing. experiences at the nasa plum brook reactor	1963
19650076310	Luminescent decay of localized optical excitations in kcl	1963
19650076313	Effects of non-photochemical processes on the meridional distribution and total amount of ozone in the atmosphere	1963
19650076314	Autoionizing status in the alkali atoms with microsecond lifetimes	1963
19650076318	Twenty-four hour observations of aurora at the southern auroral zone	1963
19650076322	The world magnetic survey	1963
19650076323	An experimental investigation of container materials for the snap-8 secondary mercury loop	1963
19650076326	The partition of energy for hypervelocity impact craters formed in rock	1963
19650076327	Superhovae, neutrinos, and neutron stars	1963
19650076329	Factors controlling the shape of the upper f region under daytime equilibrium conditions scientific report no. 194	1963
19650076331	A test of special relativity or of the isotropy of space by use of infrared masers	1963
19650076332	Sixty-eighth quarterly report	1963
19650076333	Monte carlo solution of radiant heat transfer in a nongrey nonisothermal gas with temperature-dependent properties	1963
19650076334	Dynamical properties of stellar coronas and stellar winds iii. the dynamics of coronal streamers	1963
19650076337	Fatigue effects in the luminescent yield of sodium salicylate technical note no. 6	1963
19650076338	Considerations on Tire Hydroplaning and Some Recent Experimental Results	1963
19650076342	Development of a rocketborne spectroradiometer to measure the radiation environment of a reentry vehicle	1963
19650076343	A study of fatigue life under random loading	1963
19650076344	Error detection and correction in a time decoding system	1963
19650076345	X-ray scattering by a crystal in an electric field	1963
19650076346	A three-dimensional addition theorem for arbitrary functions involving expansions in spherical harmonics	1963
19650076347	Upper and lower bounds for ground state second order perturbation energy	1963
19650076348	The two-center expansion for the powers of the distance between two points	1963
19650076349	Some optical properties of sodium salicylate films technical note no. 5	1963
19650076351	On the use of dynamic models for studying launch vehicle buffet and ground-wind loads	1963
19650076352	A 3-pound, 1,000-watt x-band reentry telemetry system	1963
19650076353	Laboratory for the study of space radiation effects	1963
19650076354	Packing properties of fine powders and the depth of the lunar dust layer	1963
19650076355	Electric propulsion systems for mars missions	1963
19650076356	Trends in earth-to-orbit space transportation systems	1963
19650076357	On the Form of the High Reynolds Number Expansion Solution for Incompressible Flow Over a Flat Plate	1963
19650076362	Analog simulation of piloted earth reentry at parabolic velocity	1963
19650076363	On the effect of gaseous environment on crack propagation	1963
19650076365	Problems of porous tungsten ionizers for cesium electric propulsion systems	1963
19650076366	Determination of oxygen in liquid alkali metals by mercury amalgamation method	1963
19650076367	On the minimum effort regulation of stationary linear systems	1963
19650076368	Operational aspects of v/stol aircraft	1963
19650076369	Origin of oh chemiluminescence during the induction period of the h2-o2 reaction behind shock waves	1963
19650076372	Free-flight investigations of subliming ablators and transpiration cooling at hyper- sonic velocities	1963
19650076373	Gaseous environment considerations and evaluation programs leading to spacecraft atmosphere selection	1963
19650076374	High-field magnets and magnetic research at nasa lewis research center	1963
19650076375	Experiments and theory for hall currents in crossed electric and magnetic fields	1963
19650076376	Perturbation of the geomagnetic field - a spherical harmonic expansion	1963
19650076377	Measurement of plasma temperature and electron density distribution using millimeter waves	1963
19650076378	Lightweight thermal protection systems for space vehicle propellant tanks	1963
19650076379	On the criterion of ordinary hydrodynamic instability in topheavy fluid layers	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650076380	Radiation patterns of a slotted-cylinder antenna in the presence of an inhomogeneous, lossy plasma	1963
19650076382	Eigenvalue branching configurations and the rayleigh-ritz procedure	1963
19650076383	Non-chemical propulsion	1963
19650076385	Atmospheric turbulence and airplane response in convective-type clouds	1963
19650076387	X-ray photo system for high velocity free flight models	1963
19650076388	Velocity correlations in weak turbulent shear flow	1963
19650076389	A simple model of the interplanetary magnetic field. i - calculation of the magnetic field	1963
19650076391	Cavitation and effective liquid tension of nitrogen in a hydrodynamic cryogenic tunnel	1963
19650076392	Quantum and exchange corrections to plasma kinetic theory	1963
19650076393	Problems in sterilization of unmanned space vehicles	1963
19650076394	Field effect transistor electrometer amplifier	1963
19650076395	Free positron annihilation mean life in diatomic and rare gases in liquid and solid states	1963
19650076398	Inflatable parawing deployment studies using a dynamically and elastically scaled model	1963
19650076399	Langley research center simulation facilities for manned space missions	1963
19650076400	Measurements and theoretical interpretation of hall currents for steady axial discharges in radial magnetic fields	1963
19650076402	Support systems and excitation techniques for dynamic models of space vehicle structures	1963
19650076403	Meteorological satellites	1963
19650076407	Shadowgraph and reference system for a combined wind tunnel and ballistic range	1963
19650076409	A new "free-flight" mount system for high- speed wind-tunnel flutter models	1963
19650076412	Review of meteoroid environment based on results from explorer xiii and explorer xvi satellites	1963
19650076413	Inter-planetary mission communication systems	1963
19650076414	Systems design of space simulator chambers	1963
19650076415	Cryomagnetism at nasa	1963
19650076416	Orbital rendezvous considerations for a mars mission	1963
19650076418	Some metabolic aspects of extended space flight	1963
19650076419	Status of v/stol research and development in the united states	1963
19650076420	A progress report on the ames hypervelocity free-flight facilities and some of the current research problems being studied in them	1963
19650076422	The apollo standard initiator	1963
19650076424	The use of scaled dynamic models in several aerospace vehicle studies	1963
19650076425	Wind tunnel data processing	1963
19650076426	Some deductions from a measurement of the hydrogen ion distribution in the high atmosphere	1963
19650076429	Life support for manned planetary missions. currently feasible life support systems, applied to missions of time duration necessary to reach mars or venus, the launch weights which are involved, and some problem areas	1963
19650076430	Propeller v/stol aircraft	1963
19650076431	Spectroscopic investigation of venus	1963
19650076434	Some aspects of noise analysis of interfer- ometers spectrometers	1963
19650076436	Zonal harmonic perturbations of an accurate reference orbit of an artificial satellite	1963
19650076437	Electric propulsion	1963
19650076439	Microwave studies of the terrestrial atmosphere	1963
19650076441	Ultraviolet stability of some modified metal phosphates for thermal-control surfaces	1963
19650076442	Measured variations in the transfer function of a human pilot	1963
19650076443	Free and semi-free model flight-testing techniques used in low-speed studies of dynamic stability and control	1963
19650076444	The influence of airplane configuration on sonic-boom characteristics	1963
19650076445	Lift control in magnetohydrodynamics	1963
19650076446	Kinetics of the thermoluminescence of alpha particle irradiated nacl, kcl, and kbr	1963
19650076447	A revised solar model with a solar neutrino spectrum	1963
19650076448	Pulsating aurorae and infrasonic waves in the polar atmosphere	1963
19650076449	Pulse frequency modulation	1963
19650076450	Heat transfer and air flow in a transverse rectangular notch in a flat surface	1963
19650076451	Observation of FeO in absorption by flash heating and kinetic spectroscopy	1963
19650076453	Theoretical Current-Voltage Curve in Low- Pressure Cesium Diode for Electron-Rich Emission	1963
19650076455	Simultaneous rocket and satellite measurements of the topside ionosphere	1963
19650076456	A simple model of the interplanetary magnetic field. ii - the cosmic ray anisotropy	1963
19650076458	Optimum reliability of four-switch circuits	1963
19650076459	Operational vibration environments in space vehicles	1963
19650076460	Comparison of theoretical with actual nike- apache sounding-rocket performance	1963
19650076461	Users of petroleum products in space exploration	1963
19650076462	Similarities of biophysical properties of several human enteroviruses as shown by density gradient ultracentrifugation of mixtures of the viruses	1963
19650076464	Breakup of Various Liquid Jets by Shock Waves	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650076465	Errors in the measurement of the lunar temperature- integrated emissivities of materials suspected to comprise the lunar crust	1963
19650076466	Heat transfer between heated plates of finite width in a free molecule flow environment	1963
19650076467	The effects of high altitude explosions	1963
19650076469	Fatigue behavior in strain cycling in the low and intermediate cycle range	1963
19650076470	Determination of combined conduction and radiation of heat through absorbing media by the exchange-factor approximation	1963
19650076471	Anomalous behavior of the coulomb t-matrix	1963
19650076475	An explanation of microstructures in the tantalum-carbon system	1963
19650076476	Neutrino emission, mass loss, and the frequency of supernovae	1963
19650076477	Performance of solar reflectors when applied to the storage of cryogenic propellants in space	1963
19650076478	Resonant and fluorescent scattering in planetary atmospheres	1963
19650076479	Oxygen-Jet Behavior During Combustion Instability in a Two-Dimensional Combustor	1963
19650076480	Preliminary test results on a compressed multi-layer insulation system for a liquid- hydrogen fueled rocket	1963
19650076481	Piapacs, a closed loop man-machine control system	1963
19650076483	Nasa-ames hybrid computer facilities and their application to problems in aeronautics	1963
19650076486	Ultraviolet absorption coefficients of co ₂ , co, o ₂ , h ₂ o, n ₂ o, nh ₃ , no, so ₂ and ch ₄ between 1850 and 4000 a	1963
19650076487	Wave generation near the outer boundary of the magnetosphere	1963
19650076488	The effects of preoxidation treatments on the spectral normal and total normal emittance of inconel, inconel-x, and type 347 stainless steel at temperatures of 900 deg, 1200 deg, 1500 deg and 1800 deg f	1963
19650076489	Nasa unmanned space program at amr	1963
19650076491	The combined effects of ultraviolet radiation and vacuum on the ultimate tensile properties of polymethylmethacrylate	1963
19650076494	Theory of plasma oscillations with pair correlations	1963
19650076495	Characteristic properties of the segmented rational minmax approximation problem	1963
19650076496	Contribution to agardograph on space simulation chambers and techniques	1963
19650076498	State-of-the-art 1963. structures and materials	1963
19650076500	A technique for simulating conditions of walking and performing other self-locomotive activities on the lunar terrain	1963
19650076502	Operational plans and procedures for manned space flight	1963
19650076503	A study of the photodegradation of selected thermal-control surfaces	1963
19650076505	Investigation of some new materials for aero- space vehicle applications	1963
19650076506	Ion-molecule reactions studied by time-of- flight mass spectrometry	1963
19650076507	Flight tests and early missions for electric propulsion systems	1963
19650076508	The energy-transforming step in nitrobacter- chemosynthesis	1963
19650076509	Mechanical properties of composite materials for expandable space structures	1963
19650076510	A measurement of low energy cosmic ray protons	1963
19650076513	Effectiveness of solar radiation shields for thermal control of space vehicles subjected to large changes in solar energy	1963
19650076516	Shock-tube thermal conductivity	1963
19650076518	Factors influencing configuration and performance of multi-purpose manned entry vehicles	1963
19650076519	Thermal conductivities of gaseous h ₂ o, d ₂ o, and the equimolar h ₂ o-d ₂ o mixture	1963
19650076520	Experimental development of a technique for the correlation of flight- and ground-based studies of the ultraviolet degradation of polymer films	1963
19650076521	New data on georgia textiles	1963
19650076522	Application of hot-wire anemometry for two- phase flow measurements such as void fraction and slip velocity	1963
19650076523	Effects of alpha particles randomly induced in the brain in the neutron-capture treatment of intercranial neoplasms	1963
19650076524	Lift control in magnetohydrodynamics	1963
19650076525	Heat transfer to hydrogen flowing in a curved tube	1963
19650076526	A study of internal-friction peaks in type 304 stainless steel containing nitrogen	1963
19650076527	Spin-lattice relaxation in ruby	1963
19650076528	Analysis of a Distributed Superconductive Energy Converter	1963
19650076529	Heat of adsorption of ions on metals- low coverage	1963
19650076530	In-plane lunar injection opportunities from an orbiting space station	1963
19650076531	Spacecraft telecommunication system design	1963
19650076532	Population polygons of tektite specific gravity for various localities in australasia	1963
19650076533	Analysis of stress-strain behavior of tungsten fiber reinforced copper composites	1963
19650076535	Relay i, a communication satellite	1963
19650076536	On the determination of the secular and critical effects in the motion of satellites using a non-singular set of vectorial elements	1963
19650076538	Mariner ii	1963
19650076539	Image properties of a superconducting ground plane	1963
19650076540	An apparatus for creep and stress-rupture testing of filaments in a controlled environment	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650076541	The deformation of the geomagnetic field by the solar wind	1963
19650076542	Approximate predictions of the transport of thermal radiation through an absorbing plane layer	1963
19650076544	A study of electrodynamics of moving media	1963
19650076546	Some sonic-boom induced building responses	1963
19650076551	Vibration studies on a simplified 1/2-scale model of the nimbus spacecraft	1963
19650076552	Design Considerations for Long Life at Elevated Temperatures	1963
19650076554	Mariner ii - an example of a stabilized interplanetary space vehicle	1963
19650076555	Langley research center simulators	1963
19650076556	Parawings for astronautics	1963
19650076557	Helium thermonuclear reactions	1963
19650076559	Some implications of a direct measurement of the hydrogen and helium ion distribution in the upper atmosphere	1963
19650076560	Performance studies and requirements for parachutes utilized for meteorological data gathering at altitudes between 200,000 and 100,000 feet	1963
19650076561	Nasa research on expandable structures	1963
19650076562	Further deductions concerning the petrology of venus	1963
19650076563	Windowless x-ray tube spectrometer for light element analysis	1963
19650076564	"gap" state of the bac hamiltonian for repulsive interactions	1963
19650076565	The idealized steady-state interaction of the geomagnetic field and the solar corpuscular radiation	1963
19650076566	An airborne zero-zero landing laboratory	1963
19650076571	Measurements of test time in the galcit 17 inch shock tube	1963
19650076572	A summary review of the scientific findings of the mariner venus mission	1963
19650076573	Geomagnetic control of the electron density in the f region of the ionosphere	1963
19650076574	Fin temperature measurements - nike-cajun sounding rocket	1963
19650076575	Hydrates at high pressure. part ii - applica- tion of statistical mechanics to the study of hydrates of methane, argon, and nitrogen	1963
19650076576	Turbomachinery Characteristics of Brayton Cycle Space-Power Generation Systems	1963
19650076577	Capsules for Surveillance of Some Plum Brook Reactor Structural Materials	1963
19650076578	Trajectory Methods in Mission Analysis for Low-Thrust Vehicles	1963
19650076579	Comparison of pre-launch and flight vibration measurements on thor launch vehicles	1963
19650076581	Edge dislocation in elastic isotropic half- space <die stufenversetzung im elastisch isotropen halbraum	1963
19650076582	Ground stations for deep space exploration	1963
19650076583	Hydrocarbons in terrestrial samples and the orgueil meteorite	1963
19650076584	Comments on ion saturation characteristic of langmuir probe and determination of plasma potential	1963
19650076585	A Digital Lunar Midcourse Guidance Simulation	1963
19650076587	Difficulties Experienced with the Ames 15 Megawatt Power Supply	1963
19650076589	Study of the Problem of Secondary Assignment in the Design of Sequential Switching Circuits	1963
19650076590	Dynamic Axisymmetric Buckling of Shallow Cones Subjected to Impulsive Loads	1963
19650076591	Coated refractory metals for high-temperature structural components	1963
19650076592	An improved method for utilizing the hall effect for measuring current in high energy arc jet facilities	1963
19650076593	Experimental Results for Inductive and Capacitive Heating of a Hydrogen Plasma by a R.f. Coil	1963
19650076594	NASA Guidance and Control	1963
19650076595	A Pitfall of Low Specific Activity Radioactive Thymidine	1963
19650076596	Thermal Conductance of Molybdenum and Stainless Steel 304 Interfaces in a Vacuum	1963
19650076597	Superposition of Semi-infinite Solenoids for Calculating Magnetic Fields of Thick Solenoids	1963
19650076598	Trapped Particles in a Distorted Dipole Field	1963
19650076600	Heterogeneous catalysis of a dilute solution of sodium in liquid ammonia	1963
19650076601	Extension of Apollo Midcourse Navigation and Guidance to the Mars Mission	1963
19650076603	Proton Fluxes Along Low Acceleration Trajectories Through the Inner Van Allen Belt	1963
19650076604	Organization of the Deoxyribonucleic Acid Replicating System in Mammalian Cells as Revealed by Studies Using X-Radiation and Bromuracil Deoxyriboside	1963
19650076605	The Visible Absorption Spectra of Cadmium in Cadmium Halides and Lead in Lead Chloride and in Lead Bromide	1963
19650076606	Crew systems development in support of manned space flight	1963
19650076609	Integrated micropower circuits	1963
19650076610	Stability and control for the manned orbital laboratory	1963
19650076613	Bioastronautics review, 1963	1963
19650076615	Creep Properties of Columbium Alloys in Very High Vacuum	1963
19650076616	Entropy production in vibrational-nonequilib- rium nozzle flow	1963
19650076617	Cloud heights and nighttime cloud cover from tiros radiation data	1963
19650076619	Some observations of hypervelocity impacts with porous media	1963
19650076623	Some aspects of the distribution of meteoric flux about an attractive center	1963
19650076625	On the unity and origin of the australasian tektites	1963
19650076626	Exploratory flight tests of advanced piloted spacecraft concepts	1963
19650076627	Quantum effects in small-angle molecular beam scattering	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650076630	Densities obtained from drag on the explorer xvii satellite	1963
19650076631	The Boundary on the Geomagnetic Field	1963
19650076632	A Nonmechanistic Description of Some Chemical Reactions	1963
19650076634	The deformation of the geomagnetic field by the solar wind	1963
19650076635	Earth's figure	1963
19650076637	Approximation of the Eigenvalues for Heat Transfer in Laminar Tube Slip Flow	1963
19650076640	The vector potential and motion of charged particles in axisymmetric magnetic fields	1963
19650076642	Determination of Cratering Energy Densities for Metal Targets by Means of Reflectivity Measurements	1963
19650076643	The effect of peripheral wall conduction of laminar forced convection in rectangular channels	1963
19650076644	A coincidence technique for paper chromato- graphy of some biologically important compounds	1963
19650076645	A method for the preparation of a dry licl- kcl eutectic mixture	1963
19650076646	Laminar Slip Flow of an Electrically Conducting Incompressible Rarefied Gas in a Channel with a Transverse Magnetic Field	1963
19650076647	Spectral intensity variations with time in specific solar flare events and radiation doses	1963
19650076648	Method for depositing phosphor screen for field ion microscopy	1963
19650076649	A Study of Irradiation Induced Active Sites on Mgo Using Electron Paramagnetic Resonance	1963
19650076650	A summary review of the scientific findings of the mariner venus mission	1963
19650076653	Free and Forced Convection from a Rotating Cone	1963
19650076658	Noise characteristics of a cesium antimonide photomultiplier	1963
19650076660	The launching of surface waves on a cylindri- cal reactive surface	1963
19650076663	Satellite observations of the geomagnetic field during magnetic storms	1963
19650076667	Device for refilling liquid-helium cryostats with small loss or residual liquid helium	1963
19650076669	Satellite Measurements of the Meteoroid Environment	1963
19650076670	Television cinemaphotography of auroras and preliminary measurements of auroral velocities	1963
19650076673	The origin of diamonds in the ureilites	1963
19650076675	A simple model of the interplanetary magnetic field, parts 1 and 2	1963
19650076676	A neutral-point expansion of the ideal magnetosphere	1963
19650076679	The formation of neutron stars and their surface properties	1963
19650076680	On the Relation of Ion and Electron Emission to Diode Diagnostics	1963
19650076689	Fuel cell assemblies third quarterly report, 10 oct. 1962 - 10 jan. 1963	1963
19650076700	Selected geomagnetic and solar data, april - october 1962	1963
19650076701	Report to the 19th Supersonic Tunnel Association Meeting on the Development of the Shock Tube Laboratory	1963
19650076702	Some applications of engineering mechanics to the development of space vehicles	1963
19650076706	Iteration-variation Procedures for Quantum Mechanical Perturbations	1963
19650077341	Investigations of carbides as cathodes for thermionic space reactors informal monthly report, 1 - 30 jun. 1963	1963
19650077349	Investigation of zeolite membranes for fuel cells monthly progress report, period ending 7 dec. 1963	1963
19650077389	Development of a coaxial plasma gun for space propulsion monthly progress report period ending 30 jun. 1963	1963
19650077591	The study of the origin and propagation of disturbances in the burning of solid propellants quarterly technical summary report, 1 jul.-30 sep. 1963	1963
19650077598	Some elementary considerations regarding heat transfer to solid grain propellants during the ignition process	1963
19650077604	Feasibility and design study of photoioniza- tion mass spectrometer gas analyzer	1963
19650077606	Closed atmosphere analyzer. a proposed system for measuring partial pressures in the flight environment	1963
19650077607	Emergency escape system development report, moose project	1963
19650077617	The possible improvement in aircraft performance due to the use of boundary layer suction	1963
19650077625	The buckling under external pressure of circular cylindrical shells with evenly spaced, equal strength, circular ring frames, part i	1963
19650077627	Pressure tests on a blunt delta wing vehicle at m approximates 19	1963
19650077681	System reliability estimate and equipment design review status for vehicles 0207 /low orbit/ and 1207 /high orbit/ - program 162-11	1963
19650077682	Live motor vibration testing of one rocket motor assembly number te-400	1963
19650077700	Heat transfer test on ad588m-1, a. 04 scale, x-20 dyna-soar 844-2050 configuration, to determine the effect of various surface contours and elevon - fin gap sizes on heat transfer rates on the lower inboard fin surface and adjacent elevon surface at m equal 22.2	1963
19650077737	Dyna Soar Advanced Weapon Systems Concept Studies- Interception of Airborne Weapons	1963
19650077744	Thin Window Holder for Particle Irradiation of Drosophila	1963
19650077761	Case evaluation. army materials research agency program quarterly interim technical report, 22 mar. - 21 jun. 1963	1963
19650077769	Heat transfer at reattachment of a turbulent boundary layer	1963
19650077774	Tfx handling quality and flight control system study summary report	1963
19650077775	Presentation material for manned locomotion and protection systems study. third oral presentation - july 9, 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650077856	Orbital space station study. volume iii- test operations plan. appendix 1, part a- experiment definition formats	1963
19650077869	Use of aluminum powder in solid propellants- a state-of-the-art survey	1963
19650077870	Feasibility study of catalytic methods for air purification sixth bimonthly progress report, 31 oct. - 31 dec. 1962	1963
19650077888	Terminal equipment alignment for project syncom	1963
19650077889	Research project rp7/4- an investigation of means of improving valve reliability progress report, jan. - jun. 1963	1963
19650077911	A summary of parameters influencing boundary layer transition	1963
19650077925	Terminal control of lunar soft landing	1963
19650077930	High temperature microwave tube design and processing final report, 1 may 1961 - 30 sep. 1962	1963
19650077931	High power microwave energy converter final report	1963
19650077934	Survey of factors controlling the design of automatic systems for the quantitative analysis of micrographs	1963
19650077938	Determination of working fluid lubrication capability in journal bearings, part ii	1963
19650077940	Molybdenum structural component program progress report, 1 feb. - 1 may 1963	1963
19650077941	A radiation study of the westinghouse testing reactor	1963
19650077943	Radiation through plasma adjoining a conducting surface	1963
19650077946	Study of long-term human and ecological effects of chemical weapons systems	1963
19650077950	Evaluation of the characteristics of an 8.6- millimeter radar, part ii	1963
19650077959	Double balsa wind shear system study monthly progress report no. 3, apr.- 7 may 1963	1963
19650077962	Lunar landing simulation performance studies technical letter report no. 2 and technical letter report for experiment no. 2	1963
19650077970	Rf-to-dc- conversion. the close-spaced thermionic diode rectifier	1963
19650077971	Computer experiments on ion-beam neutralization with initially cold electrons technical report no. 0309-1, jul. - dec. 1962	1963
19650077994	Effects of flame plasma on rf signal strength for amr tests 813, 1332, and 1911	1963
19650077995	Electronics program- secure communications techniques semiannual technical report, 1 jan. - 30 jun. 1963	1963
19650078008	Space rendezvous, rescue and recovery - an abstract compilation report bibliography	1963
19650078055	Btl guidance implementation study, slv iib vehicle	1963
19650078057	On the calculation of cascade flows	1963
19650078062	Analyze, study and establish an optimum power relay design for application in saturn launch vehicle systems annual summary report, 1 jul. 1962 - 30 jun. 1963	1963
19650078063	Basic theory of the supersonic ejector nozzle	1963
19650078067	Applied research on supported drift tube klystrons as microwave power sources for telemetry transmitters final report, jul. 1960 - dec. 1962	1963
19650078080	Some observations on the forward and retro- grade motion of electric arcs in transverse magnetic fields	1963
19650078083	Dynamic sif simulation feasibility study /412I/, part 1, task 2 final report	1963
19650078084	Surface backscattering strengths measured over an extended range of frequencies and grazing angles	1963
19650078092	Field strengths of some vlf transmissions and atmospheric noise measured in european and asian areas march, april and may 1961	1963
19650078103	Use of the boeing hotshot wind tunnel facility for hypersonic inlet and supersonic combustion testing	1963
19650078105	Supersonic combustion experiments in the boeing 44-inch hotshot wind tunnel	1963
19650078113	Iria annotated bibliography of infrared literature, volume vii, number 2	1963
19650078161	Thermal expansion determinations on tantalum 90-tungsten 10 alloy, a-286 steel, and bico-loy steel	1963
19650078162	Radio interference report	1963
19650078163	Unencapsulated hermetic headers for integrated circuitry technical documentary report, jul. 1962 - jan. 1963	1963
19650078165	The field of a pulsed dipole in an interface	1963
19650078166	Interference analysis study interim summary, may - dec. 1962	1963
19650078172	Investigation of friction, wear, and failure in aerospace bearings progress report no. 1, 1 feb. - 31 jul. 1963	1963
19650078175	Base implementation interfaces, volume i	1963
19650078180	Energy processes in shock waves- diagnostic techniques, volume i final technical report	1963
19650078181	Landing impact, exhibit a monthly progress report no. 4, 1-30 nov., 1963	1963
19650078183	Compilation of materials research data fourth quarterly progress report, 1 mar. - 27 may 1963	1963
19650078184	Welding characteristics, exhibit d quarterly progress report no. 1, 1 jul. - 30 sep., 1963	1963
19650078186	The development of coated thin sheet superalloy components interim progress report no. 2, oct. 1, 1962 - mar. 15, 1963	1963
19650078191	The vacuum deposition of tin films in ultra-high vacuum	1963
19650078202	Weapons system 107a-2 - titan i final report	1963
19650078222	Development of the mark iii partchrome continuous processor final report	1963
19650078223	Work and force producing capabilities of man	1963
19650078232	Microwave conductance of p&n n& diodes - rp4-7.	1963
19650078237	Heat transfer in ramjets and liquid rockets	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078243	Satellite control facility performance evaluation program. volume ii- evaluation of overall satellite control facility reliability /u/ summary report	1963
19650078246	Optical filters for ultraviolet target and background measurements	1963
19650078248	Study of the effect of a specific flight environment on mapping photography first interim technical report, phase 1, mar. 28 - oct. 1, 1963	1963
19650078275	Whistler-mode propagation data no. 2 technical report no. 1112-1	1963
19650078276	Two axis solar tracking assembly emi test results	1963
19650078279	Tunnel emission amplifier investigation technical documentary report, 1 dec. 1960 - 30 sep. 1962	1963
19650078281	Supersonic transport production cost estimating techniques	1963
19650078284	Development of improved fabrication methods, process and techniques for producing typical aircraft shapes from beryllium interim technical documentary progress report, period ending jan. 31, 1963	1963
19650078288	The electron affinities of the oxides of nitrogen special technical report no. 2	1963
19650078296	Development of photoelectron-noise-limited proximity-focused wafer image intensifier tubes final report, 15 jun. 1962 - 15 mar. 1963	1963
19650078298	A quantitative evaluation of the underwater shock wave resulting from surface and underwater explosions	1963
19650078307	Aerothermodynamic Analysis Report, Model X-20A	1963
19650078329	Research leading to significant improvement of electrets quarterly technical progress report, 27 feb. - 27 may 1963	1963
19650078331	Synthesis of eight "optimistic" mach 2.2, 2.5 supersonic transport aircraft	1963
19650078332	Supersonic transport study progress report	1963
19650078335	Compilation of materials research data, phase i fourth quarterly progress report, 1 mar. - 27 may 1963	1963
19650078340	A study of collision effects between the constituents of a mixture of helium and nitrogen gases when excited by a 10 kev electron beam	1963
19650078344	The darkening wave on mars	1963
19650078346	210-ft. radio telescope, parkes progress report no. 2	1963
19650078347	Development of techniques for superheterodyne receivers at frequencies above 100 gc third quarterly progress report, sep. - nov. 1963	1963
19650078351	Study and research on depressed collectors for o-type traveling-wave tubes final technical report, 1 may 1962 - 31 may 1963	1963
19650078357	Development trends of turboshaft and turboprop engines	1963
19650078360	Satellite infrared background experiment	1963
19650078372	Static wind tunnel and ballistic range tests for the mark 11 program summary report	1963
19650078390	Experimental hypersonic inlet performance for supersonic and subsonic combustion engines	1963
19650078427	Development of light, high-temperature structures. phase ii- manufacturing development interim technical documentary progress report, 1 jan. - 15 may 1963	1963
19650078428	Fuel cells quarterly progress report, jul. 1 - sep. 30, 1962	1963
19650078430	Development of light observation helicopter /loh/	1963
19650078433	Threshold current for p-n junction lasers technical report no. 1664-1	1963
19650078434	A silver sulfide adaptive component technical report no. 1853-1, oct. 1961 - nov. 1962	1963
19650078435	Self-sealants and sealants for aerospace vehicles technical documentary report, 15 jun. - 1 dec. 1963	1963
19650078441	Preliminary flight rating test /pfrt/ event accomplishment summary, model no. x-20a	1963
19650078462	Integrating image intensifier tube studies final report, sep. 15 - dec. 31, 1963	1963
19650078474	Three-stage magnetically focused light shutter and image intensifier final technical report, 1 jul. 1961 - 16 sep. 1963	1963
19650078477	High acceleration rocket motor development program final technical report, 1 sep. 1962 - 15 mar. 1963	1963
19650078480	The research and development of a completely unpowered contact fuzing system special report	1963
19650078485	[No Title]	1963
19650078494	Compilation of blackout re-entry data	1963
19650078507	Beryllium-aluminum alloys	1963
19650078515	Learning the mean vector and covariance matrix of gaussian signals in pattern recognition technical report no. 2003-6	1963
19650078517	Comparison of hot-electron and related amplifiers technical report no. 1659-3, aug. 1962 - oct. 1962	1963
19650078520	Reproducing distributions for machine learning technical report no. 6103-7	1963
19650078521	Nonlinear resonance computer components technical report no. 1306-1	1963
19650078522	The n-port brune section detailed technical report no. 6554-7	1963
19650078526	Solar dynamic power system for manned orbiting space stations, volume i of ii, sections 1.0 through 3.0 technical report study no. 5548	1963
19650078527	Solar dynamic power system for manned orbiting space stations, volume ii of ii, sections 4.0 and 5.0 technical report study no. 5548	1963
19650078528	Theoretical performance of selected rocket propellants, volume i	1963
19650078538	The producibility of 18 per cent nickel maraging steel plate	1963
19650078554	High performance nozzles for solid-propellant motors monthly status report no. 16, 1 - 31 oct. 1963	1963
19650078557	Quantum mechanics of ho2 i- group theory and coordinate transformations	1963
19650078559	Capacitor discharge metal forming final report, 3 oct. 1961 - 28 mar. 1963	1963
19650078578	Documentation Plan for Gemini Program Target Vehicle System Phase II	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078585	823 program monthly progress report, 1 - 31 dec. 1962	1963
19650078589	High-frequency digital communication system quarterly progress report	1963
19650078591	The surface resistance of high-current microwave discharge in argon	1963
19650078592	Fluid metal mhd power conversion system	1963
19650078595	Research in mhd power generation quarterly report, period ending mar. 30, 1963	1963
19650078597	Manned orbital space station water reclamation progress report	1963
19650078598	Manned orbital space station power generation progress report	1963
19650078602	Lunar occupancy payload study report /sa 3277/	1963
19650078603	Performance of coherent detection systems using decision directed channel measurement	1963
19650078604	The selection of varactor diodes for a 2x multiplier	1963
19650078606	A qualitative description of sequential de- coding	1963
19650078607	A note on sequential decoding applied to large alphabet incoherent channels - r comp determination	1963
19650078608	Weapon system 133a- manufacturing plan for the wing ii m-57a1 stage iii minuteman motor	1963
19650078611	Microencapsulated sealant and self-sealant components technical documentary report, 1 mar. - 1 sep. 1963	1963
19650078615	Exploratory investigation of electrically conductive fuel resistant rubber	1963
19650078616	An objective technique for forecasting stratus and/or fog below 1500 feet and/or 3 miles /ifr/ at osan air base, korea during june, july and august	1963
19650078617	Space station design concepts	1963
19650078618	Microorganism motion detector for extraterrestrial exploration	1963
19650078619	Resolution of racemic amino acids by gas chromatography	1963
19650078622	Ionospheric research and propagation studies quarterly progress report, 1 apr. - 30 jun. 1963	1963
19650078623	Separable nonlocal potentials and regge poles	1963
19650078624	An efficient demodulator for an analog pseudo- noise multiplex system	1963
19650078625	Some results for higher order varactor frequency multipliers	1963
19650078632	Determination of weight-to-drag ratio from radar measurements	1963
19650078633	Advanced age study. phase i- mission and vehicle parameters	1963
19650078634	National academy of sciences transcript of proceedings, patrick afb, florida, 14 may 1963, volume ii	1963
19650078635	National academy of sciences, transcript of proceedings, patrick afb, florida, 13 may 1963, volume i	1963
19650078638	Design charts and analysis for heat transfer and other parameters in a two dimensional seperated flow	1963
19650078639	Ruby improvement for lasers - task ii final report, 1 may 1962 - 31 aug. 1963	1963
19650078641	Tables of amplitude and phase of the backscatter from a conducting sphere	1963
19650078648	Gemini Launch Vehicle- Program and Facilities Progress Report	1963
19650078652	GLV Analysis of Titan II Flight /Missile N-19/	1963
19650078660	Gemini Launch Vehicle- Program and Facilities Monthly Progress Report	1963
19650078661	Gemini launch vehicle- program and facilities monthly progress report	1963
19650078666	Gemini launch vehicle. program and facilities monthly progress report	1963
19650078668	Development and fabrication of antenna group an/gra second quarterly progress report, 1 apr. - 1 jul. 1963	1963
19650078670	Investigation of wind-induced oscillations and steady ground wind forces on a 7.5 percent dynamically scaled model of the 624a vehicle	1963
19650078706	Pressure suit using cord restrained joints technical report, jun. 30, 1960 - dec. 27, 1962	1963
19650078707	Packaged liquid propulsion symposium	1963
19650078713	Field tests on acidified silanes for use as rain repellents on aircraft windshields	1963
19650078716	Investigation of spacecraft rocket installation areas quarterly progress report no. 2, 1 aug. - 31 oct. 1963	1963
19650078720	High frequency laser research program monthly progress report no. 4, jan. 1963	1963
19650078721	Study of atmospheric entry and impact of high velocity meteorites quarterly status report, 1 apr. - 30 jun. 1960	1963
19650078738	Preliminary development plan for calibration satellite	1963
19650078740	Millstone hill zenith-pointing paraboloid	1963
19650078741	Trends of turbojet engine weights and dimensions and their use innpredicting thrust	1963
19650078742	Precipitate and dispersion hardening of crystalline solids	1963
19650078746	An investigation of the fano sequential decoding algorithm by computer simulation	1963
19650078747	Determination of the room temperature strength characteristics of reinforced plastics, phase 1, 1 january - 31 march 1963	1963
19650078748	Discoverer annual report, 1961	1963
19650078749	A 10 kc/sec pound-type klystron stablizer	1963
19650078752	A note on power requirements for digitalized voice transmission	1963
19650078766	Ultimate tensile properties of gum vulcanizates and their temperature dependence final report, 1 may 1962 - 30 apr. 1963	1963
19650078793	A Study of the Initiation of Homogeneous Decomposition of AeroZINE 50	1963
19650078798	Mobile ground stations. part ii- equipment studies. volume 2- super transportable lmcs. applied research study on satellite communica- tions task report, 1 jul. 1962 - 31 dec. 1963	1963
19650078814	Vocoded speech	1963
19650078815	Thresholds for several analog modulation systems	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078822	Research and development of high temperature resins for structural laminates and adhesives interim report, 1 feb. - nov. 1962	1963
19650078824	Solar x-ray measurement research program semiannual technical note, 1 jan. - 30 jun.	1963
19650078825	The stability of a shear layer between parallel streams	1963
19650078827	Tensile properties of unwelded and welded aluminum 6061-t6 under conventional and rapid-heating conditions to 900 deg f	1963
19650078832	Photoionization and absorption cross sections of h2 and d2 in the vacuum ultraviolet region	1963
19650078833	Study of orbital vehicle	1963
19650078851	Satellite control facility performance evaluation program. volume v- evaluation of the scf vhf fm/fm telemetry ground stations. part 1- general description, philosophy, and test procedures summary report	1963
19650078858	High expansion area ratio nozzle investigation, volume 1 second quarterly progress report, 1 oct. - 31 dec. 1962	1963
19650078867	Preliminary Performance Study, Nuclear Pulse Propelled Vehicle	1963
19650078869	High expansion area ratio nozzle investigation third quarterly progress report	1963
19650078877	Image intensifier study final technical report, 1 jun. 1962 - 1 mar. 1963	1963
19650078884	Large payload minuteman icbm study	1963
19650078885	Microwave and optical spectroscopy of paramagnetic ions in crystals, general research semiannual technical note, 1 jul. - 31 dec. 1962	1963
19650078886	Low temperature condensation phenomena, general research semiannual technical note, 1 jul. - 31 dec. 1962	1963
19650078887	Improved acoustical treatment for engine test stands final report	1963
19650078889	A reinvestigation of the O2 dissociation continuum	1963
19650078896	Jet engine exhaust noise suppression investigation. static evaluation of ardoin no. 7 airborne noise suppressor, phase a	1963
19650078897	Synthesis of s-triazinyl polyethers by interfacial condensation technical documentary report, 1 jan. - 31 aug. 1962	1963
19650078899	Solidification control of premium quality steel ingots final report	1963
19650078904	Aeroelastic investigation of a model helicopter rotor final report, jul. 1961- apr. 1963	1963
19650078905	Airborne laser systems	1963
19650078942	Simulated occupancy test, irvingdale shelter, lincoln, nebraska interim report, aug. 29 - sep. 9, 1963	1963
19650078944	Biochemical fuel cell quarterly progress report, 1 jan. - 31 mar. 1963	1963
19650078945	Electrochemistry of fuel cell electrodes. electrochemical behavior of nickel compounds. ii- anodic dissolution and oxygen reduction in perchlorate solutions	1963
19650078970	Preliminary personnel and training requirements for radio frequency propagation determination and prediction system	1963
19650078979	The effect of low levels of contaminants on the mechanical properties and weldability of uranium	1963
19650078982	Foundational research, part ii	1963
19650078997	Ado-40 phase ii astrodynamic studies	1963
19650078998	Operational test and evaluation - tm-76a reliability improvement test and evaluation	1963
19650079004	Electrochemistry of fuel cell electrodes. kinetics of the fe super plus super plus super plus /fe super plus super plus reaction on fe-cr alloys	1963
19650079010	Gemini Launch Vehicle System Aerospace Ground Equipment Performance Requirements. Volume I- General Requirements	1963
19650079014	Direct energy conversion systems semiannual technical summary report no. 3, 1 oct. 1962 - apr. 1963	1963
19650079016	Research relating to fuel cells. hydrogen diffusion electrode quarterly progress report, jan. 1 - mar. 31, 1963	1963
19650079017	Gas-solid interactions at electrode surfaces technical summary report, sep. 1, 1962 - mar. 31, 1963	1963
19650079018	Epitaxial growth of quartz crystals quarterly progress report, 1 oct. - 31 dec. 1962	1963
19650079021	Electrochemistry of fuel cell electrodes- electrochemical behavior of nickel compounds. i. the hydrogen evolution reaction of nisi, nias, nish, nisi, nite2 and their constituent elements	1963
19650079022	Electrochemistry of fuel cell electrodes- kinetics of redox reactions on passive electrodes	1963
19650079027	Sensors for Apollo Lunar Excursion Module	1963
19650079030	Longitudinal agena tank model	1963
19650079064	Low frequency propagation test, power box iii	1963
19650079069	Investigative study relating to fuel cells progress report, jan. 1 - apr. 30, 1963	1963
19650079071	Reversible oxygen electrodes quarterly report, 1 jan. - 31 mar. 1963	1963
19650079072	Saturn v/s-ic, program review quarterly technical progress report for period ending may 1963	1963
19650079075	Aircraft availability models	1963
19650079078	Evaluation of bicaloric test of vestibular function	1963
19650079079	Development of study for portable noise suppressor system final report	1963
19650079090	Extension of life of microwave tubes progress report, year ending 30 nov. 1963	1963
19650079103	Variations in amplitude of short-period p waves	1963
19650079124	Plume measurements final report	1963
19650079135	Minuteman as an orbital booster	1963
19650079178	Drop test of snap 9a generator and capsule	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079181	Energy transfer between aromatic molecules	1963
19650079184	A relationship for estimating liquid propellant compressibilities from surface tension data	1963
19650079228	Apollo	1963
19650079229	Navigation-guidance mechanization equations for elliptic orbits	1963
19650079230	Selected references on life support and closed ecological systems in space research library bibliography no. 5	1963
19650079233	Ion rocket engine system research and development monthly progress report, sep. 1963	1963
19650079234	Ion rocket engine system research and development monthly progress report, jun. 1963	1963
19650079237	Crew status in various space cabin configurations and volumes	1963
19650079242	Missile system safety- an evaluation of system test data /atlas ma-3 engine system/	1963
19650079243	R-f impedance probe for re-entry plasma sheath measurements semiannual technical summary report	1963
19650079254	Thin semi-conducting films for solid circuits semiannual report, jul. 1 - dec. 31, 1963	1963
19650079255	Theory of acoustical motion in rarefield plasma	1963
19650079256	The structure of clouds and rain and the formation of precipitation final technical status report, mar. 1 - may 31, 1963	1963
19650079257	Requirements for water wall, dyna-soar, x-20	1963
19650079258	Test plan for launch control equipment system evaluation	1963
19650079260	Report of the ninth annual army human factors research and development conference	1963
19650079261	Pretest information 3.3-percent 624a aerodynamic heating investigation, nasa-langley unitary plan wind tunnel	1963
19650079265	Power requirements for multiple initiator firing lines	1963
19650079266	Sensitized fluorescence first semiannual technical summary report, 1 apr. - 31 dec. 1963	1963
19650079269	Broad band high power t.w.t.'s, report to c.v.d. on rpi-20	1963
19650079272	Ceramic resonator materials for i. f. filters quarterly progress report, 1 sep. - 30 nov. 1963	1963
19650079273	Isotopic analysis with a de/dx e telescope general research	1963
19650079274	Study of non-oxide materials with defect structures annual report, period ending 26 oct. 1963	1963
19650079277	Cyclotron wave devices study first quarterly progress report, jul. 1 - sep. 31, 1963	1963
19650079280	Proposed revision to mil-e-5007b and mil-e-5009b standardized method of conducting contaminated fuel tests final report	1963
19650079281	Study of noise in semiconductors and semiconductor devices final report, jul. 1, 1960 - jul. 31, 1963	1963
19650079282	Bioastronautics considerations of early manned space flight	1963
19650079283	Study and improvement of the s-1 photoemissive surface first monthly report, apr. 22 - may 31, 1963	1963
19650079284	Heating rate and temperature prediction method for acoustic modules in the titan ii silo exhaust duct	1963
19650079289	Fabrication requirements for cryogenic tanks	1963
19650079291	Effect of 1, 1-dimethylhydrazine on body temperature of several species technical report, sep. 1961 - sep. 1962	1963
19650079293	X-20a /dyna-soar/ primary guidance subsystem. data reduction plan for primary guidance subsystem sled test program	1963
19650079294	Transient radiation effects on passive parts sixth quarterly progress report, 1 sep. - 30 nov. 1963	1963
19650079296	Design and development of semiconductor test set, an/usm-171// first quarterly report, 1 jul. - 31 oct. 1963	1963
19650079298	The thickness mode electromechanical coupling factor for piezoceramic discs and transducer stacks	1963
19650079299	Third annual progress report	1963
19650079302	Construction of the department of defense ionospheric reseach facility, vii final report	1963
19650079303	Gaas surface investigations annual report, peroid from 1 aug. 1963	1963
19650079304	Low-power, x-band, plate-pulsed oscillator quarterly progress report, 1 aug. - 31 oct. 1963	1963
19650079305	Solid state filters delay lines and transformers quarterly report, 1 sep. - 30 nov. 1963	1963
19650079307	Study of high temperature thermodynamics of light metal compounds progress report no. 5, 1 jan. - 31 mar. 1963	1963
19650079309	Poisson cell analysis of crossed-field electron guns technical report no. 66	1963
19650079310	Phosphorus distribution in the oxide and the interface region for a sio2-si system eleventh quarterly technical report, 1 jul. - 30 sep. 1963	1963
19650079311	An analysis of the stress conditions that could develop in a solid fuel rocket motor progress report, 1 dec. 1962 - 30 apr. 1963	1963
19650079312	Research and development for three-dimensional welded circuit packaging design requirements third quarterly progress report, 15 dec. 1962 - 15 mar. 1963	1963
19650079314	Military potential test of device x15a15, simulator, radar scope effects final report, 20 mar. - 15 may 1963	1963
19650079315	Cyclotron resonance in sodium and potassium	1963
19650079317	An improved method of panel design	1963
19650079318	An investigation into inter-electrode insulation final report	1963
19650079319	Acoustical liner test report, n-27	1963
19650079323	Design concepts for minimum weight, high performance supersonic aircraft structures summary report, 1 apr. 1962 - 1 apr. 1963	1963
19650079324	Hydrothermal growth of large ruby single crystals interim engineering progress report, 1 oct. - 31 dec. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079326	Interdigitated silicon transistor program /a family of high power, high frequency npn transistors/ final report, 18 sep. 1961 - 8 mar. 1963	1963
19650079327	Ultra-fine particle size ferroelectrics quarterly progress report, jul. 16 - oct. 15, 1963	1963
19650079328	Minimal thermal treatment for valve glassware. study of the influence of materials selection and processing on the rate of decay of cathode activity third annual progress report, jan. dec. 1964	1963
19650079331	C. v. d. research projects. rp9-5- research on semiconductors. rp9-31- epitaxial growth of thin films annual report, 1963	1963
19650079332	Constants for the gaussian quadrature formula for values of n from two to thirty	1963
19650079334	Charts for the determination of oblique shock relation at hypersonic speeds	1963
19650079335	Electronic audio recognition study final progress report, 1 jul. 1962 - 31 jul. 1963	1963
19650079336	Development of transparent plastic moisture barriers by radiation-induced graft polymerization final report, 1 sep. 1962 - 31 aug. 1963	1963
19650079337	The detection of modulated laser beams c.v.d. annual report	1963
19650079338	Transistor, vhf silicon power /5w/ final progress report, 1 jul. 1962 - 30 nov. 1963	1963
19650079341	Feasibility study of shielding techniques second quarterly progress report, 1 sep. - 30 nov. 1963	1963
19650079342	Study of modes and their suppression in broadband periodic structures for high-power twt amplifiers	1963
19650079343	Novel microwave filter design techniques third quarterly progress report, 1 jul. - 30 sep. 1963	1963
19650079344	X-20 /dyna-soar/ communications and tracking subsystem special report no. 6a	1963
19650079345	Research project rp3/31. study of low noise valves, november 1962 - october 1963	1963
19650079347	The back scatter from rough surfaces using huygens' principle damp technical monograph no. 63-12	1963
19650079350	The use of a scintillation detector with a spark source mass spectrometer /rp4-3/	1963
19650079352	On the generation of intense fast-rising magnetic field pulses technical report	1963
19650079353	Basic studies on thermoelectric materials quarterly report	1963
19650079354	Magnetron injection guns c.v.d. annual report	1963
19650079356	Neural mechanisms involved in instinctive behavior final technical report	1963
19650079357	Investigation of heterojunctions c.v.d. annual report, 1 aug. - dec. 1963	1963
19650079358	Development of improved cutting tool materials interim engineering progress report, 25 sep. 1962 - 24 oct. 1963	1963
19650079359	Localized mode vibrations of carbon in silicon /rp9-5/	1963
19650079360	X-20 a /dyna-soar/ primary guidance subsystem. logistics plan, revision c	1963
19650079361	Development of effluent fuel tester	1963
19650079362	X-20 a /dyna-soar/ primary guidance subsystem. reliability- detailed system analysis supplement	1963
19650079376	Preliminary Definitions of Saturn V RIFT and Nuclear Operational Launch Vehicles	1963
19650079403	A comparison of transpiration and convection cooling methods for scramjet engines using hydrogen as a coolant	1963
19650079404	Calendar year 1962 air force-marquardt contributing engineering program, volume 1 phase ii summary technical report, 1 jan. - 15 oct. 1963	1963
19650079413	Development of a fluid inertial navigator interim engineering report, 1 aug. - 31 oct. 1963	1963
19650079415	Rocket motor x234 c5 final report	1963
19650079418	Nerva summary report for contract year 1963, volume 1	1963
19650079428	New and improved materials for expandable structures /phase iii- re-entry coatings/	1963
19650079442	Voltage breakdown measurements on quadrangle, shroud and rectangular slot antennas at high altitudes	1963
19650079443	Consolidated quarterly progress report no. 9, period ending may 15, 1963	1963
19650079444	Consolidated quarterly progress report no. 8, period ending february 15, 1963	1963
19650079453	Dyna-soar- communications and tracking subsystem, ground instrumentation plan for development test program	1963
19650079454	X-20 a /dyna-soar/- primary guidance sub- system. air launch test operation plan	1963
19650079457	Linear optimal stochastic control of continuous-time systems	1963
19650079459	Laboratory testing and theoretical studies supporting the afswc transient radiation effects on electronics /trees/ program semiannual technical summary report	1963
19650079462	A system of temperature compensation of the resonant frequency of tuned circuits	1963
19650079463	The use of filter networks for broad-band parametric amplification annual report, dec. 1962 - dec. 1963	1963
19650079467	X-20a /dyna-soar/ primary guidance subsystem. sled test operation plan	1963
19650079468	Maser materials and techniques annual report	1963
19650079469	Crossed field amplifier research first annual report	1963
19650079471	Development of t-65 gas turbine engine	1963
19650079472	Determination of the volume of a cylinder attached to the wall of an ellipsoidal shell	1963
19650079473	Development of an improved center-fed whip antenna final report, 2 jul. 1962 - 30 nov. 1963	1963
19650079475	Study of vacuum aluminum coated glass monofilaments quarterly progress report, 1 jul. - 30 sep. 1963	1963
19650079476	Design, development, and fabrication of an ultra-high-resolution cathode-ray tube quarterly progress report, 21 aug. - 20 nov. 1963	1963
19650079480	Leveling and coarse gyrocompassing alignment study report engineering report	1963
19650079483	Manufacturing methods study on voltage-tunable magnetrons interim technical documentary report no. 4, 1 mar. - 31 may 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079484	High performance aircraft windshield develop- ment program interim engineering progress report, 1 jul. 1962 - 31 jul. 1963	1963
19650079494	Photoionization and absorption cross sections and fluorescence of no, n20, cos, and cs2 in the 13 to 21 ev region	1963
19650079498	Polybenzimidazoles and other aromatic heterocyclic polymers for high temperature resistant structural laminates and adhesives volume i- polybenzimidazoles technical documentary report, 1 oct. 1962 - 31 oct. 1963	1963
19650079500	Indicator-attitude-director, x-20 /dyna-soar/	1963
19650079501	Gas lubrication of bearings at high temperatures technical documentary report, feb. 15, 1962 - jan. 15, 1963	1963
19650079502	Electron beam parametric amplifiers third annual progress report, period ending nov. 1963	1963
19650079506	Deep-hole seismometer semiannual report no. 5, 1 jun. - 1 dec. 1963	1963
19650079507	D. c. electroluminescent image converter and/ or intensifier annual report	1963
19650079510	Research on backward diodes for microwave detectors first rept., 1963	1963
19650079514	Cathodoconductive materials for image tube application annual report no. 863	1963
19650079519	Delayed fluorescence of aromatic molecules final technical status report, oct. 1 - dec. 31, 1963	1963
19650079524	Cw solid state lasers /new frequencies/ quarterly report, 1 sep. - 30 nov. 1963	1963
19650079527	X-20a /dyna-soar/ pgs radio frequency interference /rfi, detailed test plan	1963
19650079528	Solid state circuit techniques second annual report	1963
19650079529	Small signal semiconductor composites quarterly progress report, 1 jul. - 30 sep. 1963	1963
19650079530	Final technical report, december 1, 1962 - november 30, 1963	1963
19650079532	Millimeter electromagnetic radiation produced by high energy electron beams final report, nov. 1, 1961 - jan. 31, 1963	1963
19650079534	Gas discharge research annual report, 1963	1963
19650079535	Heats of formation of compounds containing b, be, al and li administrative report no. 13, 1 jul. - 30 sep. 1963	1963
19650079536	Development of power-operated paper-honeycomb expander	1963
19650079537	Broadband low noise travelling wave tubes first annual report no. 14510c	1963
19650079538	Backward diodes as mixers at microwave frequencies first annual report	1963
19650079539	Satellite 1963 22a attitude stablization and damping, volume ii	1963
19650079567	Large optics study final report, jan. - oct. 1963	1963
19650079568	Development of a new class of inertial guidance systems, second phase final report, may 1 - dec. 31, 1963	1963
19650079581	X-20a /dyna-soar/ primary guidance subsystem quarterly progress report, jul. - sep. 1963	1963
19650079582	X-20a /dyna-soar/ primary guidance subsystem. flight test performance results summary report	1963
19650079587	Ballistocardiographic analysis utilizing a mathematical model and photoelectric analog	1963
19650079588	Procedure for base heat barrier installation little joe ii	1963
19650079590	Development of high temperature seal-lubricant deposit evaluation techniques technical documentary report, 1 feb. 1962 - 31 jan. 1963	1963
19650079592	Data display study third quarterly report, 1 jun. - 1 sep. 1963	1963
19650079594	Dependability- a statistical evaluation concept for space programs	1963
19650079595	Dynamical model fos cislunar flight simulation	1963
19650079596	The development of time-dependent rigidity spectra for radiations in space	1963
19650079602	Hypersonic control effectiveness tests of a delta-winged re-entry configuration at mach 5 and 8	1963
19650079603	Solid film lubricant-binder phenomena tech- nical documentary report, 1 nov. 1962 - 31 oct. 1963	1963
19650079607	Limiting in travelling wave tubes first annual report	1963
19650079640	Recombination and aerodynamic studies of the scramjet exhaust expansion system	1963
19650079653	A digital computer analysis of the dyna-soar vehicle control system during stage zero flight	1963
19650079686	A survey of r-f radiation from rocket plumes and related subjects final report	1963
19650079698	Experimental evaluation of a flight weight regeneratively cooled hypersonic ramjet thrust chamber	1963
19650079699	Design and fabrication of a flight weight, 18-inch diameter, regeneratively cooled thrust chamber	1963
19650079700	Investigation of a high performance, hyper- sonic inlet	1963
19650079720	Results of electron cloud experiments, project firefly iii, 1962	1963
19650079735	Analytical and experimental studies of axisymmetric nozzles designed for improved recombination performance	1963
19650079736	Advanced air breathing engine study quarterly report, 6 mar. - 6 jun. 1963	1963
19650079737	Performance and properties of n204/aerazine 50 and selected metalized storables	1963
19650079738	Power sources for directed energy weapons first quarterly report	1963
19650079741	Research and development on encapsulated ingredients for solid propellants annual report, 1 jun. 1962 - 31 may 1963	1963
19650079744	Propulsion system measurement and control display investigation for the whole panel concept. volume ii- propulsion system details	1963
19650079750	A study of static and dynamic resistance and behavior of structural elements	1963
19650079752	Evaluation of to nickel	1963
19650079753	Study of radiation and propagation of electromagnetic waves final report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079754	Investigation of constant delay narrow band if amplifiers second quarterly progress report, 1 oct. - 30 dec. 1963	1963
19650079755	Microwave spectra and dielectric properties of various azides quarterly report, 1 apr. - 1 jul. 1963	1963
19650079756	Millimeter wave transitions for frequency control first quarterly report, 11 may - 10 sep. 1963	1963
19650079758	Frequency shift- an experimental study of aural detection of radar targets final report	1963
19650079759	Effect of aperture illumination on the on-axis power density of a circular microwave antenna	1963
19650079761	The panoramic spectrum analyzer as an rfi meter final report	1963
19650079762	Negative-grid tubes for phased arrays first quarterly progress report, 1 jul. - 30 sep. 1963	1963
19650079765	Propulsion systems for the apollo service module	1963
19650079767	Research and development of a camera tube for night viewing first quarterly progress report, 1 jul. - 30 sep. 1963	1963
19650079768	Investigation of precision antenna pattern recording and display techniques third quarterly report, 1 oct. - 31 dec. 1962	1963
19650079771	Determination of the dispersive efficiency of oils with added detergents	1963
19650079772	Acoustical motion in semi-continuous plasma	1963
19650079773	Research studies on thermionic converters, emitter shell phase first quarterly technical report, 1 jul. - 30 sep. 1963	1963
19650079775	Saturn s-ii/statistical analysis- dependability, an analytical description of functional relationships	1963
19650079776	Sampling procedure for liquid hydrogen	1963
19650079777	Advanced celestial tracker techniques interim engineering report no. 1	1963
19650079781	A study of solar cell space system radiation vulnerability	1963
19650079782	The Interplanetary Magnetic Field as Measured by Mariner II	1963
19650079783	Hydraulic leak detection by radioactive tracers	1963
19650079785	Reliability and the man subsystem	1963
19650079790	Aviation and cosmonautics, no. 12, 1963	1963
19650079791	Cosmonautics- its present and future	1963
19650079792	Maneuvering in space. does a spaceship need wings/ques/	1963
19650079793	Vto aircraft. transitional flight regimes	1963
19650079798	Model experiments on the effects of radiation damage in lunar surface materials	1963
19650079799	Rotating prism q-spoiling of a ruby laser	1963
19650079801	Test program for determination of soil constants in vacuum, appendix b final report	1963
19650079813	Hard point defense radar technique study. volume ii- appendices final status report	1963
19650079841	Radar cross-section reduction of reentry vehicles program progress report, 1 - 31 oct. 1963	1963
19650079842	Test program plan for stellar acquisition feasibility flights /staff/	1963
19650079846	Waveform studies quarterly progress report p-3/193, 1 jun. - 31 aug. 1963	1963
19650079852	Susceptibility of the sergeant missile guidance section to nuclear radiation from a fast burst reactor	1963
19650079853	Experimental high resolution radar and related items interim engineering report no. 3, 1 jan. - 31 mar. 1963	1963
19650079855	The laminar non-equilibrium boundary layer in the neighborhood of an expansion inducing flat plate	1963
19650079856	Radar echo characteristics third semiannual technical summary report, 26 apr. - 26 oct. 1963	1963
19650079870	Weapon system 133-a- rocket motor m-57-e1, wing ii continued development, firing number 243d-sd-4 quick look report	1963
19650079876	Propulsion research projects of the aerothermochemistry group progress report, 1 jul. - 31 dec. 1962	1963
19650079887	Radar cross section measurements on geometric shapes for dielectric material evaluation	1963
19650079917	Effects of vacuum space conditions on various engineering materials final report	1963
19650079919	The design of a superconducting magnet for a travelling wave maser using a helmholtz pair	1963
19650079921	A study of doubly curved shallow shells	1963
19650079922	General research, advanced propulsion semi- annual technical note, 1 july - 31 december 1962	1963
19650079924	Intensity distribution in franhofer diffraction patterns produced by selected arrays of circular apertures final technical report no. 1	1963
19650079928	Electron beam machining annual report, 1963	1963
19650079929	A real-time adaptive speech-recognition system	1963
19650079930	Manned orbital development system	1963
19650079933	Electronics research program- electronic properties of thin films semiannual technical note, 1 jul. - 31 dec. 1962	1963
19650079935	A semitoroidal reflex discharge as a propulsion device technical report no. 0253-4	1963
19650079938	Range instrumentation planning study, volume iv	1963
19650079939	Evaluation of automatic picture transmission ground station /aptgs/ for army mobile use	1963
19650079940	Development of radio set an/grc103 semiannual progress report, 1 apr. - 30 sep. 1963	1963
19650079941	Sounding rocket test evaluation report	1963
19650079942	Radiation effects on electronic materials, components and systems - a literature survey	1963
19650079946	Life testing and reliability of semiconductor devices annual report, 1963	1963
19650079947	Tables for the computation of frequency band radiation patterns for the linear array	1963
19650079952	Natural space radiation effects to sensitive space system components and materials. vol. i- space radiation environment	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079955	Receiver design and the phase-lock loop	1963
19650079958	The measurement of aerial radiation patterns using a reradiation technique	1963
19650079960	Terminal forecast reference file	1963
19650079961	Coding an analog variable for constant percentage error	1963
19650079964	Heats of formation of metallic borides by fluorine bomb calorimetry progress report, 1 feb. - 31 may 1963	1963
19650079966	An x-ray study of the effects of reactor irradiation on magnesia	1963
19650079969	Impurity nucleation of irradiation damage in graphite	1963
19650079970	Introduction to nuclear radiation effects flight control circuits	1963
19650079981	The heat of formation of lithium aluminum hydride	1963
19650079989	Vibration Data on Atlas Series a Missiles	1963
19650079996	Satellite control facility equipment augmentation. design criteria- cle-bk interface panel equipment	1963
19650080003	Long wavelength infrared detector development quarterly report, jul. 1 - sep. 30, 1963	1963
19650080004	High altitude daytime sky luminance measurement program final report	1963
19650080021	Development of a negative grid electron gun final report, 1 jan. - 30 aug. 1963	1963
19650080023	Radio frequency studies on electroexplosive devices monthly progress report, oct. 1-31, 1963	1963
19650080024	Research and development of a high energy non-aqueous battery quarterly technical report, jun. 18 - sep. 18, 1963	1963
19650080032	Extruded solid propellants with fluorocarbon binders	1963
19650080051	J-2 Program Monthly Progress Report, Period Ending 30 September 1963	1963
19650080052	J-2 Program Monthly Progress Report, Period Ending 31 October 1963	1963
19650080098	Mercury/Atlas Launch Vehicle Program for NASA Project Mercury. Progress Report, 31 Oct. - 30 Nov. 1962	1963
19650080105	Arpa solid propellant research program, supplement final progress report, apr. 1962 - jun. 1963	1963
19650080118	Microwave radiometer sensor study quarterly report no. 3, 14 jul. - 14 oct. 1963	1963
19650080123	Atomic line radiation ii	1963
19650080131	Experimental high resolution radar and related items interim engineering report no. 4, apr. 1 - jun. 30, 1963	1963
19650080132	Techniques for the measurement of high- altitude man-made electromagnetic interference environment at microwave frequencies	1963
19650080177	Centaur: Saturn IB Thrid Stage for Apollo Command Module Re-entry Tests	1963
19650080191	Composite ceramic radome manufacture by mosaic techniques interim engineering progress report, 1 feb. - 30 apr. 1963	1963
19650080214	Aerodynamics of the slender circular cone as a recoverable booster-spacecraft	1963
19650080239	High polymeric materials	1963
19650080243	Development of score data system for titan ii reliability measurement and studies of other applications of score. volume iv- system maintainability measurements study	1963
19650080245	Spectrum signature measurements on an/arw-56 receiving set	1963
19650080247	Sub-optimal control and stability of nonlinear feedback systems, volume ii annual progress report	1963
19650080249	Study of solids at high pressure by dynamic compression final report	1963
19650080261	Combustible hydrogen-oxygen cells <les piles a combustible hydrogen-oxygene< progress report	1963
19650080263	Improved camera timing system techniques	1963
19650080264	Hypersonic wind tunnel facilities in the united states	1963
19650080265	Dyna-soar scale staging test- test no. 6262	1963
19650080266	A technique for calculating the insertion loss caused by a filter operating between arbitrary impedances	1963
19650080284	Wind tunnel investigation of a 1/6-scale f-111 inlet from mach 1.65 to 2.50, phase i	1963
19650080291	A survey of storable liquid propellants for use in army missile systems	1963
19650080297	Flight test of the navigation set an/apn-137/xan-1/	1963
19650080352	Development of an intermittent operating variable thrust solid-propellant rocket motor first annual report, fiscal year 1962	1963
19650080371	Infrared detectors interim report, 1 nov. 1962 - 31 jan. 1963	1963
19650080373	Synthesis of poly-heterocyclics final report, 1 feb. 1962 - 31 jan. 1963	1963
19650080374	A measurement of the noise temperature of a shock-induced plasma at 420 mcps and 690 mcps	1963
19650080389	Mk 5 mod 0 stellar-inertial navigation system final engineering report	1963
19650080399	Test evaluation report- ground test, 1205-1 /dvxl 5-1/	1963
19650080419	Synthesis and evaluation of poly /phenylene/- triazoles and related polymers technical documentary report, apr. 1, 1962 - feb. 28, 1963	1963
19650080421	Compatible techniques for integrated circuitry monthly report, 1 apr. - 30 jun. 1963	1963
19650080426	Addendum to model report 1/24-scale f-iii force model ii	1963
19650080474	Outlook for vertical-lift aircraft in schedul- ed commerercial transportation	1963
19650080483	Equilibrium air hypersonic axially symmetric flow field determination for blunt bodies	1963
19650080486	Research for high temperature, elastomeric insulating materials annual report, 15 may 1962 - 14 apr. 1963	1963
19650080502	Fiber optic improvement studies interim technical progress report no. 2, oct. 1 - dec. 31, 1962	1963
19650080503	Supply of high-energy solid propellant materials quarterly report, 1 oct. - 31 dec. 1962	1963
19650080504	Image intensifier study interim technical report, oct. - dec. 1962	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080513	Stellar background measurement program quarterly progress report, 16 jun. - 15 sep. 1963	1963
19650080552	Instrumentation analysis and panel configura- tion for the ch-53a - ihas/u/	1963
19650080577	Aircraft accident investigation in the usaf- a current assessment	1963
19650080579	Display color coding for visual separability	1963
19650080581	Some chemical reaction rate data for gas dynamic studies	1963
19650080592	Thin film techniques in thermoelectricity final report, oct. 20 1962 - oct. 20 1963	1963
19650080596	Signal data converter design specifications, x-20 /dyna-soar/	1963
19650080601	Application of the numerical method of characteristics in three independent variables to shock-thermal layer interaction problems	1963
19650080605	Advanced upper stage variable thrust propulsion systems	1963
19650080607	Standard inspection process - penetrant	1963
19650080608	Composition and coating thickness testing using radioisotope techniques	1963
19650080619	Phosphinoborine polymers technical report, jan. - dec. 1962	1963
19650080624	A review of cryopumped low density wind tunnels	1963
19650080625	Research of integrated radome-scanner design techniques final engineering report, 1 nov. 1961 - 31 oct. 1963	1963
19650080627	Superpower millimeter wave tube final report, 16 jul. 1962 - 15 sep. 1963	1963
19650080630	High power microwave electronics final report	1963
19650080631	Pre-gel preservatives final report	1963
19650080632	A dynamic reciprocal theorem for thin shells	1963
19650080639	A continuous tone diazo reproduction system final report, 11 january 1962 - 1 july 1963	1963
19650080640	A study of some effects associated with the role of traveling-wave structures in integra- ted antenna-radome design	1963
19650080644	Application of electromagnetic support techniques to instrumentation for inertial navigation final report, 1 oct. 1959 - 31 oct. 1961	1963
19650080645	Particle adhesion in the presence of a liquid film	1963
19650080650	Resistor, variable, wirewound, single turn, linear, .50-1 watt	1963
19650080651	A probabilistic economic model of an irreversible loop conveyor	1963
19650080655	Pressure transducer - mark ii airborne instrumentation system - tlr-11-4685 flight proof test report, apr. 4 - jun. 21, 1962	1963
19650080656	Feasibility investigation of double-conversion parametric amplifier operating from 1 to 4 gc final report, 1 oct. 1962 - 31 oct. 1963	1963
19650080663	Acceptance test report on fixed capacitors	1963
19650080664	Acceptance test report on fixed capacitors	1963
19650080669	Crystalline fracture as a criterion of the brittleness of steel	1963
19650080674	On uniqueness and differentiability of solutions of ordinary differential equations	1963
19650080676	Modification of Anti-contamination Seals	1963
19650080700	Boost vibration test report, full scale x-20 nose cap, verification number 1	1963
19650080715	Advanced Technology for Nova Propulsion, 9 July 1963	1963
19650080791	Asset eighth triannual progress report, 1 sep. - 31 dec. 1963	1963
19650080796	Weapon system 133a, minuteman stage iii reliability and failure report, 1-31 jul. 1962	1963
19650080816	Polaris a3 base heating thermodynamics analysis report	1963
19650080829	Performance of Four Ablative Thrust Chambers in a Simulated Space Environment Final Test Report	1963
19650080855	Structural analysis small tip radius program	1963
19650080864	Detailed test plan 1205-2	1963
19650080896	N16 Backup Guidance and Navigation System for the Lunar Excursion Module Technical Addendum and Program Management	1963
19650080931	Weapon system 133a- high-energy propellant evaluation at arnold center and bacchus works final report	1963
19650080948	The effect of moisture on ethylene oxide sterilization technical manuscript iii	1963
19650080949	A gener computer program for the determination of radiant-interchange configuration factors	1963
19650080950	Uhf telemetry transmitter development pro- gress report, 10 sep. 1962 - may 1963	1963
19650080953	A wide-tuning range s-band traveling-wave maser technical report no. 155-5	1963
19650080954	The ballistic design, loading, inspection, and handling of high strength solid propellant rocket motor assemblies quarterly progress report no. 3, 16 dec. 1962 - 15 mar. 1963	1963
19650080965	Elastic and inelastic collision cross sections in hydrogen and deuterium from transport coefficients	1963
19650080967	Inspection process - ultrasonic	1963
19650080969	Evaluation of super koropon aircraft primer surfacer	1963
19650080970	Mast ab-608 // /g final report, 25 jul. 1960 - 30 may 1963	1963
19650080971	Mechanical properties of aluminum powder metal alloy xap-001	1963
19650080972	Nmr identification of substitutional isomers in chelated polycyclic aromatic systems	1963
19650080974	Establishment of the wake behind a disk	1963
19650080975	Throttability demonstration test of a liquid oxygen - liquid hydrogen rocket engine	1963
19650080978	Thin layer large area silcon solar cells quarterly progress report, 1 jul. - 30 sep. 1963	1963
19650080979	Automatic flight control system for army vtol/stol aircraft third quarterly progress report, 1 dec. 1962 - 28 feb. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080985	Research on the preparation of cermets for high temperature applications by infiltration part ii- tables and figures final technical report, nov. 1, 1961 - jun. 30, 1963	1963
19650080995	A discussion of the disk component of the galactic radio radiation	1963
19650080996	Measurements of varactor diode impedance	1963
19650080997	Operating procedures for the tracking station pcm telemetry programs /milestone 7/	1963
19650081000	Development of the u. s. army vz-2 /boeing vertol-76/ research aircraft final report, 15 apr. 1956 - 28 feb. 1963	1963
19650081001	Phase iii /closed loop/ test results 3-kw performance demonstration closed brayton cycle power system	1963
19650081003	Study of electromagnetic window dielectric techniques final engineering report, 16 sep. 1960 - 15 sep. 1963	1963
19650081004	A study of time-based methods of analysis in cockpit design	1963
19650081006	How pert is used in managing the x-20 /dyna- soar/ program	1963
19650081007	Pulsed gamma radiation on dynamic electronic components semiannual technical summary report no. 2, jan. 1 - jun. 30, 1963	1963
19650081009	Computer program design specifications for the simulation of the augmented scf environment at the sta and cpdc /milestone 4/	1963
19650081012	Investigation of rare earth-containing liquids as active media for lasers	1963
19650081014	Arterial blood pressure sensor	1963
19650081018	Factor analysis of data matrices, part ii	1963
19650081019	Steady state creep characteristics of poly- crystalline copper in the temperature range 400 to 900 deg c	1963
19650081020	Ferrite devices for receiving systems quar- terly progress report, 15 nov. 1962 - 15 feb. 1963	1963
19650081045	Low temperature battery /new magnesium anode structure/ semiannual report, 1 oct. 1962 - 31 mar. 1963	1963
19650081046	Some remarks on the restricted three body problem	1963
19650081047	Technical development plan- light observation helicopter, oh-4a/5a/6a	1963
19650081048	Inspection process - magnetic particle final report	1963
19650081049	Encapsulation of electromagnetic components	1963
19650081051	Development of Id-465 and lds-465 multifuel engines	1963
19650081057	Solderability of printed circuits third quarterly progress report, 1 apr. - 30 jun. 1963	1963
19650081058	Inspection process - radiographic	1963
19650081060	Strictly antipodal sets	1963
19650081062	A study in underwater flutter	1963
19650081063	The metabolism of simple carbon compounds in micro-organisms final technical report	1963
19650081064	Life test- transformers, power isolation	1963
19650081066	Estimated performance of a mach 3.0, hydrogen- oxygen fueled air-turbo-rocket /satr-234a/	1963
19650081070	Anomalies in foam conductivity	1963
19650081075	Environmental radioactivity in denmark in 1962	1963
19650081076	<fixed capacitors of established reliability /all dielectrics/<	1963
19650081078	Gemini abort study - task analysis and decision flow analysis	1963
19650081079	Research and investigation in the field of fiber optics	1963
19650081084	Spectrometric studies of fast reactions final report	1963
19650081087	European scientific notes no. 17 - 12	1963
19650081088	Inspection of semiconductors, radiographic - visual, requirements for final report	1963
19650081089	Shock-wave structure in a partially ionized gas	1963
19650081095	Calculation of transmission and surface-wave data for plane multilayers and inhomogeneous plane layers	1963
19650081097	First flight at neepawa, manitoba	1963
19650081100	Computer program design specifications and computer subprograms. flight 1159- milestones iv and v	1963
19650081103	Progressive deformation of a perturbed line vortex filament	1963
19650081107	On the optimum gain of uniformly spaced arrays of isotropic sources or dipoles	1963
19650081109	Operational test and evaluation, an/apn-131 doppler navigation system with laboratory for electronics map display set final report	1963
19650081113	A phase-locked receiving array for high- frequency communications use	1963
19650081115	Nonlinear-system analysis and synthesis	1963
19650081116	Solvation as a factor in the alkylation of ambident anions- the importance of the hydrogen bonding capacity of the solvent ii- the importance of the dielectric factor	1963
19650081117	Minimum-time control of a linear combination of state variables	1963
19650081120	A glossary of terms in the fields of gravimetric and celestial geodesy	1963
19650081121	Filter design	1963
19650081137	Structures of mercury mercaptides. part i- x-ray structural analysis of mercury methyl mercaptide	1963
19650081140	An investigation of the phase-diagram palladium-arsenic in connection with superconductivity	1963
19650081141	Low endurance fatigue between fixed limits of longitudinal strain	1963
19650081142	The growth of ruby crystals under high- pressure hydrothermal conditions final report, 21 jun. 1962 - 30 apr. 1963	1963
19650081143	Advent communications satellite system. clear mode ground communications equipment final report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081144	Applied research program- aerospace intelligence data system /aids/, volume i progress summary, 16 nov. 1962 - 15 feb. 1963	1963
19650081159	Syncom monthly progress report, nov. 1963	1963
19650081179	Development of a 425-foot diameter passive communication satellite with self-erecting properties monthly progress report no. 7m, dec. 1964	1963
19650081185	Scientific and technical information final report	1963
19650081189	Molecular structure and physical behavior of polymers	1963
19650081192	Earth-to-moon trajectories in the restricted three-body problem	1963
19650081199	Measurement of gas density changes in a vx4151 hydrogen thyratron	1963
19650081202	Industrial engineering study to establish safety design criteria for use in engineering of explosive facilities and operations wall response	1963
19650081204	Analyses and computer programs for lunar systems design	1963
19650081205	Design of rc, maximally-flat-delay, low-pass filters	1963
19650081210	High pressure rocket engine feasibility program contract status report no. 18 /volume i/, 26 jan. - 26 feb. 1963	1963
19650081214	High pressure rocket engine feasibility program contract status report no. 17 /volume i/, 26 dec. 1962 - 26 jan. 1963	1963
19650081216	High pressure rocket engine feasibility program contract status report no. 20, 26 apr. - 26 may 1963	1963
19650081218	High pressure rocket engine feasibility program status report no. 18	1963
19650081232	Missile and space project information manual. volume iii- artificial earth satellite firing histories	1963
19650081246	High pressure rocket engine feasibility program status report no. 17 /volume ii/	1963
19650081249	Test of gaseous hydrogen reliquefaction with a liquid air cycle engine technical documentary report, 1 oct. 1962 - 30 nov. 1963	1963
19650081252	Test equipment for analyzing particulate hydrocarbon, and moisture contamination in gaseous nitrogen and helium systems	1963
19650081253	Missile and space project information manual. volume iv- spacecraft	1963
19650081261	Annual technical summary report, january - december 1962	1963
19650081267	Static tests of five aged xm30 rocket motors	1963
19650081315	Algorithms for the encoding of three- dimensional geometric figures technical report no. 400-86	1963
19650081316	A compilation of current available data on nonmetallic inorganic refractor materials used for radome applications at elevated tempera- tures quarterly report, 1 may - 17 jul. 1963	1963
19650081323	Surveillance techniques in the vacuum ul	1963
19650081332	Metallurgical research and development for ceramic electron devices third quarterly report, 1 jan. - 31 mar. 1963	1963
19650081335	Aerodynamic gas spike antenna for re-entry propagation flight test	1963
19650081347	Investigation to establish design of prototype model universal portable detector final technical report	1963
19650081352	RL10 Engine for Advanced Space Missions	1963
19650081360	An infrared reconnaissance simulation study final report, may 1962 - jul. 1963	1963
19650081364	J-2 Program Monthly Progress Report, 1-30 Apr. 1963	1963
19650081365	J-2 Program Monthly Progress Report, Period Ending 31 May 1963	1963
19650081366	J-2 Program Monthly Progress Report, Period Ending 28 Feb. 1963	1963
19650081367	J-2 Program Monthly Progress Report, Period Ending 31 Dec. 1962	1963
19650081369	J-2 Program Monthly Progress Report, Period Ending 31 Mar. 1963	1963
19650081373	J-2 Program Monthly Progress Report, Period Ending 31 Jan. 1963	1963
19650081377	Project forecast	1963
19650081402	Manned Space Flight Schedules. Volume VII- Construction of Facilities. Book 1- Launch Operations Center	1963
19650081405	High pressure rocket engine feasibility program contract status report no. 21, 26 jun. - 26 jul. 1963	1963
19650081413	Weapon system 133a- quality assurance test number i-qa-09 /ground level test/ wing i operational m-57 rocket motor final report	1963
19650081422	Satellite control facility. design criteria- command, control, and display subsystem	1963
19650081426	Radar mapping surveillance set an/apq-97 /xe-1/, volume i final engineering report, 30 nov. 1960 - 31 aug. 1963	1963
19650081460	Tunable inverted magnetron using te01 mode cavity final report	1963
19650081463	Casting powder process improvements. loading in the presence of aluminum staple research progress report, 15 dec. 1962 - 15 jan. 1963	1963
19650081480	Investigation of long wavelength infrared transmitting glasses final report, apr. 1962 - may 1963	1963
19650081504	A Mercury Rankine Isotope Power System for Apollo	1963
19650081514	Non-uniform scaling of an approximate h2plus wave function	1963
19650081518	Research on Ignition and Combustion Stability and Efficiency of Solid Propellants at Low Pressures< Semiannual Status Report, 1 Apr. - 30 Sep. 1963	1963
19650081519	Study of Reignitable Solid Propellant Grains Leading to Extinguishable and Restartable Solid Propellant Rocket Motors Second Quarterly Progress Report, 22 Apr. - 22 Jul. 1963	1963
19650081522	Experimental Determination of Transport Properties of High Temperature Gases Third Quarterly Progress Report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081525	Generalized proceedings of the second nasa- wide quality assurance meeting	1963
19650081527	Delta Range Safety Trajectory and Aerodynamic Data for the Tiros h Spacecraft Mission, Model No. Dsv-3b, Volume li	1963
19650081529	Evaluation of protective coatings for skin materials on supersonic transport aircraft fourth quarterly status report, 1 jun. - 31 aug. 1963	1963
19650081538	Feasibility studies of manned mars mission	1963
19650081539	Solid-boosted nova vehicle system study	1963
19650081543	Microbiological corrosive effects on structural materials used in aircraft fuel tanks quarterly progress report no. 3, 1 may - 31 jul. 1963	1963
19650081546	Nova cost effectiveness analysis. a statistical approach	1963
19650081560	Analysis of electron-ion mixing in ion engines progress report no. 11, 1 apr. - 1 may 1963	1963
19650081562	Analysis of electron-ion mixing in ion engines progress report no. 10, mar. 1 - apr. 1, 1963	1963
19650081563	Analysis of electron-ion mixing in ion engines progress report no. 8, 1 jan. - 1 feb. 1963	1963
19650081577	Development of devices for measuring optical radiation /u/ first semi	1963
19650081587	Optical interactions first semiannual technical summary report, period ending dec. 31, 1962	1963
19650081591	Optical coherence device semiannual technical summary report, 31 jan. - 30 jun. 1963	1963
19650081594	Optical monitoring data summary report- cool water ii, pmr test 1786	1963
19650081605	Analysis of electron-ion mixing in ion engines quarterly report no. 5, 1 jun. - 31 aug. 1963	1963
19650081606	Analysis of electron-ion mixing in ion engines quarterly report no. 2, 1 sep. - 30 nov. 1962	1963
19650081607	Re-entry trajectory and heating analyses for recovered mercury/atlas booster fragments final report	1963
19650081609	Analysis of electron-ion mixing in ion engines progress report no. 13, 1 jun. - 1 jul. 1963	1963
19650081611	Analysis of electron-ion mixing in ion engines quarterly report no. 3, 1 dec. 1962 - 28 feb. 1963	1963
19650081616	Estimation of observation biases for the millstone hill radar	1963
19650081625	Analysis of electron-ion mixing in ion engines quarterly report no. 6, 1 sep. - 30 nov. 1963	1963
19650081626	Analysis of electron-ion mixing in ion engines progress report no. 7, 1 dec. 1962 - 1 jan. 1963	1963
19650081628	Re-entry analysis of mercury/atlas 109-d booster fragments	1963
19650081629	Application study for large solid motors progres report	1963
19650081631	Maintenance instructions for little joe ground support equipment	1963
19650081632	Little Joe II Algol Rocket Motor: Operations, Handling and Maintenance	1963
19650081634	Properties of glasses at elevated temperature progress report no. 24, 1 apr. - 30 jun. 1963	1963
19650081664	Spectral intensities of mark-6 decoys	1963
19650081693	Automatic picture taking /apt/ subsystem for nimbus meteorological satellite quarterly technical report no. 8, oct. - dec. 1962	1963
19650081696	A theoretical and practical evaluation of the dynamics of an endless-loop tape cartridge summary report, period ending 4 jan. 1963	1963
19650081698	Tiros meteorological project progress report, apr. 30 - may 31, 1963	1963
19650081700	Design evaluation/qualification test of the auxiliary supply step-down power transformer, douglas specification control no. 1a22224-1, teledyne systems corporation, p/n mt-1051, model no. saturn s-iv	1963
19650081705	Sea level and altitude starting evaluation of a solar model yt62-s-2 gas turbine engine	1963
19650081709	Development of improved static pressure sensing probes for all mach numbers final report, phase ii, 1 apr. 1961 - 31 dec. 1962	1963
19650081711	A computing program for determining certain statistical parameters associated with position and velocity errors for orbiting and re-entering space vehicles	1963
19650081716	Application of low-level redundancy for guidance system reliability final report, 15 mar. 1962 - 15 mar. 1963	1963
19650081718	Transit satellite precision oscillators and their temperature control	1963
19650081719	Angle tracking accuracy of phased array radars	1963
19650081720	Engineering evaluation test of an overspeed indicator /g.e. p/n 683c133/ and solenoid feed valve /g.e. p/n 683c434/	1963
19650081723	A review of the statistical analysis of structural input admittance functions	1963
19650081724	An extensometer calibrator	1963
19650081725	A research program on the utilization of coherent light interim report, 1 oct. - 31 dec. 1962	1963
19650081726	Rift master gage program	1963
19650081727	Tiros d, e, f, and g meteorological project progress report, 31 dec. 1962 - 31 jan. 1963	1963
19650081739	Uk3 satellite- the effects of boom droop angles and ballast at the boom tips on the i roll - i pitch ratio	1963
19650081744	Strength of glass as related to edge finish seventh quarterly technical report	1963
19650081749	On ermakof's convergence criteria and abel's functional equation	1963
19650081753	The effect of isolation mount damping on vibration transmission in a simple system	1963
19650081758	Flow evaluation in a high enthalpy hypersonic wind tunnel	1963
19650081759	Research and development of materials, experimental techniques, equipment and manufacturing processes for providing improved high temperature resistant aircraft tires interim technical engineering report, 15 jul. - 15 oct. 1963	1963
19650081760	Hydraulics and free surface hydrodynamics at grenoble	1963
19650081766	Aerodynamic effects of blunting on conical bodies	1963
19650081769	Properties of glasses at elevated temperatures progress report no. 23, 1 jan. - 31 mar. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081770	Feasibility study of the accelerator pulsed fast assembly technical summary report, oct. 1, 1962 - sep. 30, 1963	1963
19650081776	Organic chemistry in the british "redbrick" universities. part ii- liverpool	1963
19650081783	Application of self-adaptive control techniques to the flexible supersonic transport final report	1963
19650081784	Turbojet engine analyzer system study	1963
19650081793	Investigation of the behavior of new plastic and composite materials test report no. 2	1963
19650081795	Investigation of electrolytic heat treatment	1963
19650081796	Developments in electron-beam and laser-beam welding for electron-tube fabrication	1963
19650081800	As-697d-1 saturn ground wind model analysis	1963
19650081802	A transistor aging behavior experiment for a low-power, switching-type transistor report no. 4	1963
19650081808	Windmill starting performance with redesigned burner cans and fuel nozzles, j52-p-6 engine	1963
19650081821	Thermophysical properties of rubidium and cesium sixth quarterly progress report, apr. - jun. 1963	1963
19650081822	Analysis of radiation effects data on electron tubes and semiconductor devices final report, jun. 1962 - mar. 1963	1963
19650081830	Spare engine requirements for the f-5a/b military assistance program	1963
19650081831	Theories of magnetism quarterly technical status report, 1 oct. - 31 dec. 1963	1963
19650081835	Rigidization techniques for integrally woven composite constructions second quarterly report, 1 oct. - 31 dec. 1963	1963
19650081840	Study report, cp9520 transient overvoltage	1963
19650081842	Basic studies on thermoelectric materials quarterly report no. 10	1963
19650081844	Two-dimensional wake measurements. part ii- electron density	1963
19650081849	Examination of nickel-stainless heat exchangers research phase report	1963
19650081858	Wing pivot designs, exhibit "e" quarterly technical report, jul. - sep. 1963	1963
19650081859	Wing box fuel containment quarterly report no. 1, 1 may - 31 jul. 1963	1963
19650081862	Thick section fracture toughness, exhibit "b" quarterly progress report no. 1, 1 aug. - 30 sep. 1963	1963
19650081865	Fracture toughness and tear tests, exhibit "c" quarterly progress report no. 1, 1 jul. - 30 sep. 1963	1963
19650081868	Evaluation of transient filter	1963
19650081869	An application of cooke's method to the laminar incompressible boundary layer on a right circular cone at incidence	1963
19650081871	Reinforced plastic laminates for long time high temperature use. epoxy resins technical documentary report, 1 jun. 1962 - 1 aug. 1963	1963
19650081872	Design considerations for a space simulation facility for testing solar-powered electro-mechanical powerplants final report	1963
19650081873	Silicon carbide, 500 deg c power rectifiers interim engineering report, jul. 1 - sep. 30, 1963	1963
19650081878	Evaluation rhombic antenna using cepe miniature antenna range	1963
19650081882	Lumped element miniature filters	1963
19650081885	Annual report of the chief of naval research to the naval research advisory committee	1963
19650081888	High viscosity refractory thermal protection materials quarterly report, 1 sep. - 31 dec. 1963	1963
19650081891	Project sete summary report, 25 jun. 1956 - 15 apr. 1963	1963
19650081892	Spacecraft technology and design problems	1963
19650081893	Tankage problems with cryogenic propellants for spacecraft	1963
19650081894	Onboard power for manned missions	1963
19650081895	Shielding requirements for manned mars missions	1963
19650081899	The buckling of circular cylinders	1963
19650081901	Calculations of the electrical conductivity of helium and argon seeded with potassium	1963
19650081904	Long wavelength infrared domes interim engineering report, 10 apr. - 10 oct. 1963	1963
19650081910	Program 624a contamination control manual /martin/	1963
19650081934	Notch resistance and fracture toughness characteristics of high strength metals technical documentary report, 1 apr. 1962 - 15 sep. 1963	1963
19650081937	The kinetics and mechanisms of the strengthening of maraging steels quarterly progress report, 1 jul. - 30 sep. 1963	1963
19650081940	Development of flush mounted sensors for electromagnetic log systems research and development phase report	1963
19650081941	Theoretical quarterly progress reports, september 1962, december 1962, and march 1963	1963
19650081942	Reinforced plastic laminates for long time high temperature use interim technical report no. 4	1963
19650081945	An investigation to determine validity of using a simulator to predict landing impact characteristics. volume i-program summary	1963
19650081946	Basic studies on thermoelectric materials quarterly report	1963
19650081952	Transient plasma diagnostics for wake studies /task 3.5.3 - microwave studies of wakes - rest project/	1963
19650081953	Hypersonic laminar wakes and transition studies /task 3.1.3 - flow in the laminar wake - rest program/	1963
19650081957	Two-dimensional wake measurement. part 1- wake development	1963
19650081961	Evaluation of the t64-ge-2 engine at altitude and extreme temperature conditions final report	1963
19650081963	Numerical analysis of unsymmetrical bending of shells of revolution /task 5.1.2. a symmetrical transient response rest program/	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081965	Random access discrete address /rada/ communication system. system design plan. volume iva- operational analysis	1963
19650081968	Range equipment distribution document	1963
19650081975	Effect of low density inert gas flush on oxygen - columbium reaction at 1500 deg f to 2000 deg f	1963
19650081986	Conceptual studies of control, instrumenta- tion, and data handling system for aerospace systems environmental chamber, mark ii	1963
19650081988	Requirement for double-skinning on uk.3 satellite	1963
19650081990	Explosive bolt /Imsc no. 1461359-501/ engi- neering analysis and qualification test report	1963
19650081994	An investigation to determine validity of using a simulator to predict landing impact characteristics. volume ii, appendix a- statistical data final report, jun. 1962 - jul. 1963	1963
19650081997	Thermal design - initial specification of surface finishes- uk3 satellite	1963
19650081998	The reduction of maximum solar cell tempera- tures- uk3 satellite	1963
19650081999	Design proposals for the standard electronic containers on the uk3 satellite	1963
19650082000	Proposal for uk.3 boom erection damper- uk.3 satellite	1963
19650082002	Long-range acoustic propagation in the atmosphere	1963
19650082266	Estimates of flight regimes in the venus atmosphere	1963
19650082276	Rand publications on reliability	1963
19650082277	Estimates of the sonic boom due to possible air-launch booster systems	1963
19650082279	Notes on debris-air-magnetic interaction	1963
19650082280	Antenna pattern distributions from random arrays	1963
19650082282	The role of prototypes in development	1963
19650082299	Experiments in linear programming- notes on linear programming and extensions. part 63	1963
19650082307	The integral fabray-perot stectrometer	1963
19650082316	On approximating linear array factors	1963
19650082317	Phase and amplitude diversity in over-water transmissions at two microwave frequencies	1963
19650082343	Field strength measurements	1963
19650082344	Performance measurements on the model nf 112, serial number 221, noise and field intensity meter technical note no. 2	1963
19650082345	Automatic measurement of stress-relaxation in elastomers by means of a transducer which operates at high temperatures	1963
19650082346	The blast wave analogy for a hypersonic source flow	1963
19650082347	On optimum relay controls	1963
19650082348	Fatigue of hydraulic tubing	1963
19650082357	Studies of lunar logistics system payload performance. volume i - technical summary report, sections 1-6	1963
19650082358	Studies of Lunar Logistics System Payload Performance. Volume I - Technical Summary Report, Sections 7-13	1963
19650082359	Studies of lunar logistics system payload performance. volume ii - development schedules and budgetary estimates summary report /final/	1963
19650082362	Status of Electric Thrustor Development	1963
19650082366	Lunar logistic system payload performance study final summary report, sep. 12 - dec. 19, 1962	1963
19650082368	Procedures for Estimating Electronic Equipment Costs	1963
19650082369	Some remarks on a theory of creep-rupture of pressure vessels	1963
19650082371	Tables of reactance integrals relating to the eddy current conductivity probe	1963
19650082372	Wing-submerged lifting fan experiments - an extension of previous n.a.e. wind tunnel investigations	1963
19650082374	Estimation of minimum field requirements of two overloaded, propeller-driven, tilt-wing vtol aircraft /including the effects of flap setting, runway surface, wind, wing tilt rate and flap boundary layer control/ aeronautical report	1963
19650082375	Some metallurgical and metal physics research at the max planck institut fur metalforschung and the technische hochschule, stuttgart, germany technical report	1963
19650082376	The n. a. e. procedure for the analysis of aircraft v-g-h records	1963
19650082377	Further comments on analogue networks to obtain heat flux from surface temperature measurements	1963
19650082379	A symposium on aerodynamic noise technical report	1963
19650082380	Review of recent developments in fuel cells <apercus sur les developpments recents des piles a combustibles<	1963
19650082381	Electromagnetic fields applied to induction methods of electrical prospecting selected extracts	1963
19650082382	Effect of sound waves on the burning rate of solid propellants <influence des ondes sonores sur la vitesse de combustion des propergols solides<	1963
19650082383	The combustion of metallized solid propellants <la combustion des propergols solides metallises<	1963
19650082384	The mathematical description of cylindrically symmetrical arcs <zur mathematischen beschreibung zylindersymmetrischer licht- boegen<	1963
19650082385	Hybrid-propellant rockets <les fusees a lithergol ou fusees hybrides<	1963
19650082386	Effect of gravity on eye movements and on the perception of position in space. experiments in humans on counter-movement of the eyes and the determination of the perceived vertical and horizontal uber den einfluss der schwerkraft auf die augenrollu	1963
19650082387	The fifth british theoretical colloquium technical report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082388	Medical research in the norwegian defense establishment technical report	1963
19650082392	Optical processes in lithium fluoride in the vacuum ultraviolet	1963
19650082393	Informal research colloquia on the growth of high purity non-metallic crystals technical report	1963
19650082394	Application to supersonic diffusers of a one- dimensional fluid flow equation of the pfaffian type	1963
19650082397	Nova Vehicle Systems Study. Part I- Conceptual Design Study. Volume 3 - Category e Vehicle Final Report	1963
19650082398	Nova Vehicle Systems Study. Part I - Conceptual Design Study. Volume 4 - Category F Vehicle Final Report	1963
19650082399	Analytical and experimental determination of the fluid temperature profile in the entrance region of an annular passage considering the effect of convection and radiation	1963
19650082400	Spectrometers employing grids spectrometre a grilles	1963
19650082402	The numerical integration of the n-body problem for star clusters i	1963
19650082403	Star models - the development of type-ii stars	1963
19650082404	Mechanical stress on the lungs in decompression mechanische belastung der lunge beim druckfall	1963
19650082405	The story of the x-15, the rocket plane that has put man at the threshold of space l'histoire du x-15, l'avion-fusee qui a depose l'homme au seuil de l'espace	1963
19650082406	The structure of the active chromospheres die struktur der aktiven chromosphare	1963
19650082407	Reliability of space vehicles <die zuverlassigkeit von raumfahrzeugen<	1963
19650082408	On the structure of the perturbed atmosphere uber die strukturder gestoerten sonnenatmosphaere	1963
19650082409	Results concerning the attitude of a "veronique" rocket as obtained by magnetic sensors resultants concernant l'attitude d'une fusee veronique obtenus au moyen de capteurs magnetiques	1963
19650082410	A contribution to the optics of paint finishes	1963
19650082411	On the dynamics of reacting gases <zur dynamik reagierender gase<	1963
19650082412	The combustion of solid metallized propellants <la combustion des propergols solides metallises<	1963
19650082413	Determination of the material functions of a nitrogen plasma at atmospheric pressure up to 15,000 deg k <die bestimmung von material- funktionen eines stickstoffplasma bei atmospharendruck bis 15,000 deg k<	1963
19650082414	Some comments concerning the electronic circuits of a leak detector <quelques remarques sur les circuits electroniques d,un detector de fuites<	1963
19650082415	The grid current in electrometer tubes	1963
19650082416	On the diffraction and stopping of electrons	1963
19650082418	Investigation of the resistance and directional stability of four paper barges	1963
19650082419	The university of leeds - solid state physics	1963
19650082422	New materials - royal society discussion	1963
19650082423	Basic polymer science at some european centers	1963
19650082424	Ecole normale superieure. i - balkanski's group on semiconductors. ii - kastler's group on radio-frequency spectroscopy	1963
19650082425	Estimation of basic weights for bomber aircraft	1963
19650082426	Nova Vehicle Systems Study. Part i - Conceptual Design Study. Volume 5 - Category h Vehicle	1963
19650082427	Nova Vehicle Systems Study. Part i - Conceptual Design Study. Volume 6 - Category j Vehicle	1963
19650082428	Nova Vehicle Systems Study. Part i - Conceptual Design Study. Volume 7 - Uncon- Ventional Propulsion Final Report	1963
19650082429	Wind-tunnel measurements of the aerodynamic damping and oscillatory stability in pitch of a sphere at mach numbers from 0.20 to 4.63	1963
19650082430	Rocket observations of the earth's limb	1963
19650082431	The hydrodynamic research facilities of the national research council	1963
19650082432	Satellite scintillation observations at boulder, colorado	1963
19650082434	Conceptual Design Study of 50 to 100 Ton Reuseable Orbital Carrier. Volume 2 - Technical Analysis Final Report	1963
19650082435	The effect of mixing on conversion in continuous chemical reactors	1963
19650082436	Analysis of discretization errors for differential equations with discontinuous coefficients	1963
19650082437	Liquid rocket plant, volume iii	1963
19650082438	A study of early manned interplanetary missions final summary report	1963
19650082441	Flutter of flat rectangular orthotropic panels with biaxial loading and arbitrary flow direction	1963
19650082443	An experimental method for determining the thickness of metal films with resistance and hall voltage measurements	1963
19650082444	Investigation of flutter characteristics of rectangular panels on the verge of buckling	1963
19650082447	Superconducting to normally conducting transitions in strip transmission line structures	1963
19650082448	Solid Boosted Nova Vehicle System Study, Volume IV Final Report	1963
19650082449	Nova Vehicle Systems Study. Part i - Conceptual Design Study. Volume 8 - Noncate- Gory-oriented Substantiation Data. Book 1 - Preliminary Plans Final Report	1963
19650082450	Very low frequency electromagnetic emissions observed with the o.n.r./s.u.i. satellite injun iii	1963
19650082451	The significance of muscular training for industrial work die bedeutung des muskel- trainings fur die industrielle arbeit	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082452	Periodic solutions of the restricted three- body problem which close only after many revolutions periodische losungen des restringierten dreikörperproblems, die sich erst nach vielen umlaufen schliessen	1963
19650082453	Report on the surface energies of metal crystals berichte uber oberflachenergien von metallkristallen	1963
19650082454	On the temporal changes of the magnetic field intensity of sun spots during one day uber die zeitliche anderung der magnetische feldstarke von sonnenflecken im laufe eines tages	1963
19650082455	Statistical investigation of the daily change in magnetic field intensity of sun spots statistische untersuchung der taglichen aenderung der magnetischen feldstarke von sonnenflecken	1963
19650082456	On the interpretation of interstellar absorption bands zur deutung der interstellaren absorptionsbaender	1963
19650082457	Study of cyanic acid synthesis in a fluidized-bed reactor	1963
19650082458	Photoelectric methods for measuring the magnitude and the direction of the magnetic field on the sun's surface	1963
19650082459	The numerical integration of the n-body problem for star clusters, ii die numerische integration des n-koerper-problems fuer sternhaufen, ii	1963
19650082461	Vehicle Systems Study. Part i - Conceptual Design. Volume Iv - Preliminary Development Plans	1963
19650082462	Flutter analysis of a rocket fin at high mach numbers	1963
19650082463	Some numerical solutions for the viscous core of an irrotational vortex	1963
19650082464	Calculation of the equilibrium locations of a vortex pair behind a circular cylinder with a source or sink placed at the rear stagnation point	1963
19650082465	The static and forward speed testing of a flapped wing with boundary layer control for use in deflecting propeller slipstreams downward for vertical take-off. part ii - tests at incidence and ground proximity effects	1963
19650082467	Experiments on ignition of bipropellants under vacuum conditions. i - on pyrotechnic ignition of ethyl alcohol and liquid oxygen	1963
19650082469	Hydrodynamic Studies of the Sea Dragon Post- Nova Vehicle Concept Final Report	1963
19650082470	Strain aging in tungsten	1963
19650082471	On the distribution of induced velocities in the plane of rotation of a propeller exposed to an oblique flow and its effect on the air force distributions and blade stresses luber die verteilung der induzierten geschwindigkeiten in der umlaufebene ei	1963
19650082472	On the development of a new type of electrometer tube	1963
19650082473	Natural oscillations of fixed rods having variable cross sections die eigenschwingungen eingespannter staebe von veraenderlichem querschnitt	1963
19650082476	Gas turbine cycle calculations - generation of thermodynamic data for dry air and combustion products	1963
19650082477	The determination of ranges of selected properties of an argon plasma using an electric arc of limited power	1963
19650082480	Application of finite elastic theory to the behavior of rubber-like materials	1963
19650082481	Rupture phenomena in viscoelastic materials	1963
19650082483	Numerical solutions of molecular flow flux distributions in circular ducts	1963
19650082484	Some physical metallurgy and solid state physics research in israel	1963
19650082485	Photoelectric polarimetry of the zodiacal light at lambda 5300	1963
19650082486	Experimental development of a perforated wave absorber of simple construction and minimum length	1963
19650082487	Proposals for the presentation of resistance and propulsion data	1963
19650082490	Nova Vehicle Systems Study	1963
19650082491	The impact of science and technology upon the economy and public affairs first semiannual status report	1963
19650082495	On the influence of the chemical composition on the structure and metal index of stellar atmospheres	1963
19650082496	Twilight enhancement of the lithium resonance line observed at the haute provence observatory since november, 1962 sur l'excitation crepusculaire de la raie de resonance du lithium observee a l'observatoire de haute provence depuis novembre 1962	1963
19650082497	The three-dimensional boundary layer on a body of revolution at small incidence and its stability	1963
19650082500	Nova Vehicle Systems Study. Part 2 - Conceptual Design Study. Volume 3 - Functional Support Document Final Report	1963
19650082501	Thick target bremsstrahlung production	1963
19650082503	On missile flight dynamics	1963
19650082504	Stress and shape analysis of a paraglider wing	1963
19650082505	Cosmic radiation with neutrons from the sun neutrale ultrastrahlung von der sonne	1963
19650082507	The 1963 meeting of german physical societies in hamburg	1963
19650082509	The institute of meteorology at the university of stockholm, sweden	1963
19650082510	Experimental physics in west berlin. i - the fritz haber institut der max planck gesellschaft	1963
19650082511	The high-frequency mass spectrometer das hochfrequenz-massenspektrometer	1963
19650082512	Shock spectrum measurements - operation sun beam, shot small boy	1963
19650082513	Amplifier chains final technical documentary report	1963
19650082514	Evaluation of rust preventive primers for use over rusted steel	1963
19650082515	Sixth international congress of crystallography	1963
19650082516	Experimental physics at the universities of genoa, milan, pisa, and turin	1963
19650082517	The motion of a lunar satellite under the influence of the moon's noncentral force field	1963
19650082518	On compactness and related concepts	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082523	Iupac international symposium of macromolecular chemistry	1963
19650082524	International symposium on nitro compounds	1963
19650082525	Optics and spectroscopy in scotland	1963
19650082527	Development and evaluation of large-scale rva and cfz graphite interim engineering progress report, 1 may - 31 aug. 1963	1963
19650082528	Jet engine exhaust noise suppression - report of evaluation of curtiss-wright model cwxl-2b portable sound suppressor	1963
19650082529	Evaluation of the flexible tubing corporation part no. ft3565-g duct for use with gas turbine compressors	1963
19650082530	Propulsion development department review. chapter 1 - propulsion techniques, systems, and analysis, june - august, 1963	1963
19650082531	Propulsion development department review. chapter 2 - propellants, materials, and ignition, june - august 1963	1963
19650082532	Propulsion development department review. chapter 1 - propulsion techniques, systems, and analysis, september - november 1963	1963
19650082533	Propulsion development department review. chapter 2 - propellants, materials, and ignition, september - november 1963	1963
19650082534	Development and testing of a double base solid rocket propellant containing taz final report, 2 jul. 1962 - 30 jun. 1963	1963
19650082535	Tevroc - a new way to increase rocket performance	1963
19650082536	A Study of Post-nova Launch Vehicles. Part II - the Final Report on the Study of the Nexus Launch Vehicle	1963
19650082538	Performance and qualification tests of a production ge t58-ge-8b turboshaft engine final phase c report	1963
19650082539	Tevroc theoretical performance calculations and applications	1963
19650082540	Type-life programs quarterly technical progress report, 1 jul. - 30 sep. 1962	1963
19650082541	High viscosity refractory thermal protection materials quarterly report, 1 dec. 1962 - 28 feb. 1963	1963
19650082542	Bond stress in cylindrical shells subjected to an end velocity step	1963
19650082543	Institut of marine research, helsinki, finland	1963
19650082544	Fluid mechanics symposium	1963
19650082545	1963 international clay conference	1963
19650082546	Xixth international congress of pure and applied chemistry	1963
19650082547	Organic sessions at the nineteenth inter- national congress of pure and applied chemistry	1963
19650082548	Study of radiation resistant high temperature thermionic circuitary final scientific report no. 1, 1 jan. 1962 - 31 mar. 1963	1963
19650082549	Molecular spectroscopy at the university colleges of swansea and aberystwyth, wales	1963
19650082550	Process development for internal roll extrusion of large rocket motor cases interim engineering progress report, 1 sep. - 30 nov. 1963	1963
19650082551	An extension of chapman's analysis for heat transfer in regions of separated flow /task 3.1 - flow-field analysis - rest project/	1963
19650082552	Process development for stranding and plying of metallic yarns progress report, 1 jul. - 30 sep. 1963	1963
19650082554	Gas-bearing gyro program informal monthly letter report no. 37, 1-31 oct. 1963	1963
19650082555	Investigation of thixotropic gelled propellants quarterly report 15 sep. - 14 dec. 1963	1963
19650082557	Study of large sea-launch space vehicle. volume ii - cost program, study evaluation final report	1963
19650082558	Multiple scattering of electromagnetic waves /task 3.3 - radar observable analysis - rest program/	1963
19650082559	Transporter, liquid, rolling-wheel-type - 600 gallon, t-4 /rlt/ final report	1963
19650082560	Preliminary report on the thermodynamic properties of selected light-element and some related compounds	1963
19650082561	Round robin of ultraviolet stability tests	1963
19650082562	Siena international conference on elementary particles	1963
19650082563	Infrared optical measurements semiannual technical summary report	1963
19650082564	Annual meeting of the schiffbautechnische gesellschaft /stg/	1963
19650082565	Operation sun beam - shot small boy. project officers report - project 2.12 - rocket sampling	1963
19650082566	Effect of parameter errors on aerodynamic heating of an air-to-air missile	1963
19650082567	Exact theory of scattering by conducting strips	1963
19650082568	Properties of glasses at elevated temperatures progress report no. 25, 1 jul. - 30 sep. 1963	1963
19650082569	Biomedical research and notes on medical education in hungary	1963
19650082571	Biomedical research in the federal republic of germany. iii - munich	1963
19650082572	Cesium analysis study quarterly progress report no. 1, 1 jul. - 30 sep. 1963	1963
19650082575	High resolution hemispherical coverage antenna techniques "hicat" final report, 1 oct. 1962 - 30 apr. 1963	1963
19650082577	Experimental physics in west berlin. ii - the technical university technical report	1963
19650082578	Spectroscopy and optics in brussels and liege, belgium technical report	1963
19650082579	Solid state physics at the centre d'etudes nucleaires in grenoble technical report	1963
19650082580	Orbital determinations of 1960 iota from observations obtained at one site with a recording photo-theodolite	1963
19650082581	Study of large sea-launch space vehicle. volume i - design appendixes	1963
19650082582	Vlf propagation considerations in long range detection	1963
19650082583	Optics and spectroscopy in the netherlands. i - amsterdam and delft	1963
19650082584	Generation, detection, and properties of coherent radiation of wavelength less than one millimetre	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082585	An evaluation of an electron-collector probe used to study plasmas produced in shock tubes task 3.3 - shock-tube experiments rest program	1963
19650082588	Compendium of data modem equipment	1963
19650082589	Quantized frequency transmission simulation study final report	1963
19650082590	Pilot plant operations technical progress report, 1 mar. - 31 may 1963	1963
19650082591	Conference on the physics of optical glass, 3-4 october, 1963, lathom, england technical report	1963
19650082592	Determination of mechanical and thermophysical properties of refractory metals first quarterly progress report	1963
19650082593	Engine cycle studies for the commercial supersonic transport final technical report	1963
19650082594	Design of propellant gas valves project progress report, 1-28 feb. 1963	1963
19650082595	Design of nasa propellant gas injection system project progress report, mar. 1 - apr. 30, 1963	1963
19650082598	Report on a System Comparison and Selection Study of a Manned Orbital Research Laboratory. Volume i - Technical Summary. Appendix i - Mission Analysis and Results	1963
19650082599	Report on a System Comparison and Selection Study of a Manned Orbital Research Laboratory. Volume i - Technical Summary. Appendix 19 - Safety, Reliability and Maintainability	1963
19650082603	A Study of the Application of Solid Propellant Motors to Future Saturn C-1 Class Vehicles. Volume li - Appendixes Final Report	1963
19650082604	An Investigation of the Trajectories and Aerodynamics of Selected Large-volume, Air- Breathing, Two-stage-to-orbit Vehicles	1963
19650082617	Annotated ignition bibliography and information retrieval system	1963
19650082622	Ionization studies quarterly report, apr. 1 - jun. 30, 1963	1963
19650082636	The logic theory machine- a model heuristic program	1963
19650082648	Rift program- specification and specification deviation document rev. 1	1963
19650082658	A syntax-oriented compiler for languages whose syntax is expressible in backus normal form, and some proposed extensions thereto	1963
19650082659	An outline of the requirements for a computer- aided design system	1963
19650082668	Deterioration studies of westinghouse third improved thermoelectric couples	1963
19650082726	Universal transportable space communications terminal	1963
19650082769	Close-approach solar probe. the feasibility of approaching the sun to within three solar radii	1963
19650082770	Molecular theory for the tensile strength of gum elastomers	1963
19650082774	Test program to establishment the feasibility of a supercritical cryogenic life support system in agravic environments	1963
19650082775	Vhf scatter communications- new design concepts and experimental results	1963
19650082780	Millimeter program final report, jun. 1, 1960 - apr. 30, 1963	1963
19650082789	Natural space radiation effects to sensitive space system components and materials. volume 1 - space radiation environment	1963
19650082791	Development of a coaxial plasma gun for space propulsion monthly progress report, period ending 30 sep. 1963	1963
19650082793	Monthly progress report, period ending 15 mar. 1963	1963
19650082797	Phase transitions in solids	1963
19650082798	The organization of the french ceramic society	1963
19650082799	Research in progress at the royal naval physiological laboratory	1963
19650082800	Development of interim fire resistant hydraulic fluids	1963
19650082805	Mercury/Atlas Launch Vehicle	1963
19650082809	B-70 program evaluation and review technique operating manual	1963
19650082817	Study of vacuum aluminum coated glass monofilaments quarterly progress report, 1 apr. - 30 jun. 1963	1963
19650082819	Televisual detection lobes	1963
19650082821	Measurements of normally reflected shock waves from explosive charges	1963
19650082822	Study of vacuum aluminum coated glass monofilaments quarterly progress report, 1 jul. - 30 sep. 1963	1963
19650082838	Wind tunnel data report 1/6.15-scale model f-111, flow field model san diego 4' hst test 123-0 gd/fw test 22	1963
19650082852	Development of solid propellant reinforced grains quarterly progress report, 16 oct. 1962 - 15 jan. 1963	1963
19650082856	Reliability quarterly review at msc - houston, texas, 26 september 1963	1963
19650082874	Pressure, heat transfer, and skin friction measurements on asd flat plate model w5 and asd delta wing model w2 in the cal 48-inch hypersonic shock tunnel	1963
19650082875	Reliability assessment of the goddard astronomical experiment	1963
19650082879	Preliminary survey of dynamic stability of a "tassel concept" space station	1963
19650082883	Extra-low-frequency propagation	1963
19650082886	Free-molecular and newtonian coefficients for arbitrary bodies	1963
19650082887	Loops in directed combinational switching networks	1963
19650082891	Taran - a new approach to hydraulic system overhaul	1963
19650082893	Notes on the theory of scattering in the atmosphere	1963
19650082894	Agreement concerning the development of semiconductor structures semi-annual report, 1 jan. - 1 jul. 1963	1963
19650082897	Feasibility study for an f-106b variable stability trainer final report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082899	A study of the application of present and future methods of automation, retrieval and portrayal to department of defense and nasa engineering documentation systems and centers	1963
19650082911	Design, development, and test of a prototype self-excited mhd generator semiannual technical summary report	1963
19650082916	Pulsed plasma studies final report, 1 apr. 1959 - 28 aug. 1963	1963
19660001119	Stability of a reinforced circular cylindrical shell subjected to compression and pure bending	1963
19660002321	The origin of the earth and questions of its structure and composition	1963
19660004118	Voyager design study. Part II, VOLUME III - Subsystem design	1963
19660007985	Surveyor Spacecraft System	1963
19660017471	Little Joe II Program Test data book, revision C	1963
19660017533	Saturn S-II Manufacturing Engineering Working Group Meeting Number Five - MSFC PROGRAM	1963
19660017744	Construction and launching of SCT-1 and SCT-2 rockets	1963
19660017745	Cyanic acid synthesis in a fluidized bed reactor	1963
19660017754	Method of fabricating silicon carbide shapes	1963
19660017795	Perturbations in the motion of artificial satellites due to the ellipticity of the earth	1963
19660017898	Landing gear for nose-wheel equipped planes	1963
19660017904	The combustion of three-component condensed mixtures	1963
19660017911	On paroxysmal auricular fibrillation in patients with atherosclerotic cardiosclerosis	1963
19660017912	Observation data of the scientific-research drifting stations "Severnnyy Polyus-6" and "Severnnyy Polyus-8", 1959-1960	1963
19660017913	Theory of stationary properties of a fully-ionized circumterrestrial plasma	1963
19660017915	On the hardness of X-ray emission of solar flares	1963
19660017916	On the accounting of satellite-borne radiation measurements in a nonadiabatic model of atmospheric motions	1963
19660017920	Calculating the performance reliability of systems containing a large number of elements	1963
19660017931	First results of a radioastronomical observation of an annular solar eclipse	1963
19660017933	Analogy of a hypersonic flow past thin blunt bodies with an explosion	1963
19660017934	The spectral albedo of the snow and vegetative cover	1963
19660017935	Study of cyanic acid synthesis by fixed catalyst method	1963
19660020043	The Eleven-year Variation Cycle of the Brightness, Form and Dimensions of the Counter glow	1963
19660020044	Stability of Axially Symmetric Deformations of Spherical Shells Under Axially Symmetric Load	1963
19660020056	Freezing of cryogenic liquids when expanded to pressures below the triple point pressure	1963
19660020068	On the intensification of the emission of the night glow in zodiacal light	1963
19660020096	Laws governing the occurrence of rare earth elements	1963
19660020109	Large periods in polyethyleneterephthalate films	1963
19660020126	The isotopic spin of light nuclei	1963
19660020127	Hypersonic flow around a circular cone at an angle of attack	1963
19660020128	A system of series connected photoelectric cells	1963
19660020130	Simplest precise solutions of the Boltzmann equation for rarefied gas flows	1963
19660020131	Studies on the second phase of nystagmus	1963
19660020132	Role of the polarization effects at inelastic collisions of electrons with atoms	1963
19660020133	Radial equations of the theory of atomic collisions	1963
19660020134	Role and source of corpuscles observed in the ionosphere and auroras	1963
19660020135	On the peculiarities of the longitudinal distribution of solar activity	1963
19660020142	X-ray emission of flares originating behind the solar disk	1963
19660020143	Spectrophotometric study of the intensification of the 5577 angstrom line in zodiacal light	1963
19660020154	The method of investigating meteorites and tektites with the aid of infrared spectrometry	1963
19660020165	Qualitative analysis of forms of motion in the problem of the motion of an artificial satellite in the normal gravitational field of the earth	1963
19660020182	Formation of protoprotein and thermal theory polycondensation of free amino acid	1963
19660020183	Application of the multi-configuration approximation to the determination of the dipole force for atoms of the beryllium and boron types	1963
19660020193	Problems of approach during poor visibility	1963
19660022724	An analytical representation of Musen's theory of artificial satellites in terms of the orbital true longitude	1963
19660022787	Characteristics of the X-Y antenna mount for data acquisition	1963
19660030316	Stability and Control Characteristics at Mach Numbers of 1.41 and 2.20 of a Multimission STOL Airplane Configuration with a Variable-skew Wing	1963
19660030317	Longitudinal Aerodynamic Characteristics at a Mach Number of 3.0 of an Arrow Wing with Bodies of Circular and Semicircular Sections	1963
19660030318	Longitudinal aerodynamic characteristics at Mach number 2.02 of a series of wing-body configurations employing a cambered and twisted arrow wing	1963
19660066723	Noctilucent clouds- A brief annotated bibliography	1963
19660067012	Fuel and oxidizer ducting system for the S-IC stage of the Saturn V vehicle Semimonthly progress report, 1-15 Jul. 1963	1963
19660067081	Syncom - transmission of real time telemetry data from USNS Kingsport to Culver City. California	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067086	Test procedures for communication coaxial systems /VSWR/	1963
19660067087	Spacecraft handling	1963
19660067088	Project Gemini weight and balance adapter assembly spacecraft I	1963
19660067093	Project Gemini test/operations production spacecraft at AMR facility	1963
19660067096	Fuel and Oxidizer Ducting System for the S-1C Stage of the Saturn V Vehicle Semi-monthly Progress Report, 1-15 Sep. 1963	1963
19660067147	Project Mercury MA-10 adapter minitrack beacon	1963
19660067167	Investigation of Solid Propellant Rocket Sealing Techniques for Space Storage Final Report	1963
19660067170	Syncom I Semiannual new technology report, 18 Jan. - 18 Jul. 1963	1963
19660067179	Spacecraft vibration test procedures	1963
19660067180	Test procedures for instrumentation and communications confidence checks	1963
19660067216	Manual Control of Space Vehicles - a Review	1963
19660067230	Feasibility study of data presentation configurations for real time flight test display Final report	1963
19660067732	Gravimetric geodesy free of density estimates through analysis of discrete gravity data	1963
19660067906	Gemini spacecraft communication system specification	1963
19660068085	GETOL air-moving study Final report	1963
19660068090	GOSS network control operations	1963
19660068101	Centrifuge design evaluation of the X-20 /Dyna-Soar/ crew station Final report	1963
19660068111	Determination of rates of ablation of materials when exposed to a solid-fuel rocket engine	1963
19660068242	NASA-GSFC tape, magnetic recording	1963
19660068251	A generalised procedure for optimum design of injectors, ejectors and jet pumps	1963
19660068341	Project Gemini /U/ Program Progress Report	1963
19660068342	Project Gemini /U/ Program Progress Report	1963
19660068343	Project Gemini /U/ Program Progress Report	1963
19660068344	Project Gemini /U/ Program Progress Report	1963
19660068351	Combustion Instability Experience /U/ Interim Report	1963
19660068354	Investigation of Fundamental Hypergolic Ignition Phenomena Under Dynamic Flow Environments /U/ Fourth Quarterly Progress Report, 1 Apr. - 30 Jun. 1963	1963
19660068355	Investigation of Fundamental Hypergolic Ignition Phenomena Under Dynamic Flow Environments /U/ Second Quarterly Progress Report, 1 Oct. - 31 Dec. 1962	1963
19660068459	Lunar Logistic System. Volume V - Astrionics Aspects /U/	1963
19660068460	Lunar Logistic System. Volume IV - Flight Mechanics and Performance Aspects /U/	1963
19660068461	Lunar Logistic System. Volume II - Vehicle Design Aspects /U/	1963
19660068462	Lunar Logistic System. Volume I - Summary /U/	1963
19660068464	Lunar Logistic System Study, Volume I /U/	1963
19660068495	The distribution of pulses in the nucleus and the scattering of electrons	1963
19660068601	Goss operations requirements for Gemini rendezvous missions	1963
19660068611	A study to select optimum altitude sensing devices Final Report	1963
19660068644	Solid-boosted NOVA Vehicle System Study /U/ NOVA Program Review Presentation	1963
19660068645	Post-nova Launch Vehicle Study /U/ Monthly Progress Report No. 6, 14 Nov. 1962 - 25 Jan. 1963	1963
19660068651	NASA Review Draft - NOVA Category B Vehicle /U/ Final Report	1963
19660068727	Space power plant study Second progress report	1963
19660068947	Liquid oxygen and fuel prevalves for NASA SATURN program Sixteenth monthly progress report, 1 - 31 Oct. 1963	1963
19660068987	A follow on program on magnetic plasma engine development Quarterly progress report, 21 May - 31 Jul. 1963	1963
19660069034	Non-category Oriented Substantiation Data, Volume VIII, Book II /U/ Final Report	1963
19660069066	Engineering studies and system modifications for Saturn ground computer complex displays Final technical summary report, 1 Apr. - 31 May 1963	1963
19660069067	Solar probe study. Volume V - Vehicle design Final report	1963
19660069070	Display and control console systems for the Saturn ground computer system Final technical summary report, Jun. 1962 - May 1963	1963
19660069081	Tetrahedral Research Satellite II /TRS II/ Operations Plan 8-63	1963
19660069174	Engineering studies and systems modifications for Saturn ground computer complex Monthly progress report, Dec. 1-31, 1963	1963
19660069175	Display and control consoles system for the Saturn ground computer system Monthly progress report no. 7, 1-31 Jan. 1963	1963
19660069207	Input output data channel for RCA 110 computer Final technical summary report, May 1962 - Jun. 1963	1963
19660069232	An approach to the formulation of telemetry diagnostic routines	1963
19660069246	Nondestructive test program for S-IC tank weldments	1963
19660069398	Wind tunnel investigation of the fluctuating pressures on the surface of a Saturn I vehicle, 2.75 percent model	1963
19660069409	Saturn monthly progress report, 18 May - 17 June 1963	1963
19660069481	Minutes of the S-II Stage Vehicle Dynamics and Control Working Group meeting	1963
19660069483	Advanced telemetry system with adaptive capability Annual technical report, 1 Jul. 1962 - 30 Jun. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069486	Study of cryogenic propellants stratification reduction First quarterly progress report, Jul. - Sep. 1963	1963
19660069489	The nuclear vehicle program at the George C. Marshall Space Flight Center	1963
19660069501	Saturn S-IV stage weight and balance Status report	1963
19660069525	Pretest plan for Saturn S-II stage dual plane separation tests at Langley Research Center	1963
19660069535	Saturn S-IV stage weight and balance status report, model no. DSV-4	1963
19660069562	Saturn ground computer system Final technical summary report, Feb. 1962 - Jun. 1963	1963
19660069578	An optimum demodulator for Poisson processes - Photon source detectors	1963
19660069833	Communications satellite systems - A computer model and related analysis. Volume I - Synopsis	1963
19660069834	Communications satellite systems - A computer model and related analysis. Volume III - Ground stations - political potentials and implications	1963
19660069841	Project Gemini /U/ Program Progress Report	1963
19660069873	Preliminary design feasibility study of a modified logistics aircraft for transporting the Saturn S-IV B stage	1963
19660069877	High altitude base heating and pressure distribution investigations on the Saturn S-IV 6-engine stage rocket using short- duration techniques	1963
19660069939	Joining of refractory metal foils Quarterly progress report no. 3, 1 Jan. - 31 Mar. 1963	1963
19660069991	20 watt VHF solid state telemetry transmitter Final report	1963
19660070079	Analysis of Chatter in Contactor Control Systems, with Applications to Dual-input Plants	1963
19660070205	A study to select optimum altitude sensing devices. Volume 1 Final report	1963
19660070291	Atlas MA-5 components FLOX exposure program - Plan of action	1963
19660070296	A comparative mission analysis for solar heated hydrogen propulsion system Sixth quarterly status report, 1 Aug. - 31 Oct. 1963	1963
19660070360	Multiple sensors feasibility study, volume I Summary report	1963
19660070394	Reliability plan for the F-1 propulsion system	1963
19660070395	Linearized transport considerations of a two-temperature Maxwellian plasma	1963
19660070438	Technical description of the F-16 Q-ball angle of attack transducer Final technical summary report	1963
19660070526	NERVA exhaust duct, ETS-1 AGC-2 large radius elbow, volume I Preliminary design report, Sep. - Dec. 1962	1963
19660070606	Investigation of surface pressure distribution of the Saturn SA-5 pressure model, SVM-14, at Mach 0.8 to 5.0. Volume 1 - Test report, October 26- November 9, 1962	1963
19660070612	Environmental control and life support system manned lunar base Summary report	1963
19660070686	Take off and landing noise levels of the VC 10	1963
19660070733	NERVA exhaust duct, ETS-1 AGC-2 large radius elbow, volume II Preliminary design report	1963
19660070894	H-1 Engine Test Results, Pre-preliminary Flight Rating Tests and Neosho Reliability Verification Tests /U/	1963
19660070992	ETS-1 NES Duct Facility Subscale Seal Test Program	1963
19660071002	NES duct /SST-2/ conceptual design, NERVA PROGRAM	1963
19660071014	Metallurgical effects of explosive strain rates on metal alloys Fifth quarterly technical report, 1 Oct. - 31 Dec. 1962	1963
19660071017	Attitude control system for Aerobee 150 and Aerobee 150A sounding rockets Final report	1963
19660071117	Engineering flight test evaluation of the avionics system on the model C-141A airplane - Part 7.0 dual glide path system	1963
19660071280	Evaluation of the avionics system on the model C-141A airplane - Part 4.0 VHF COMMUNICATION subsystem Engineering flight test report, 20 Jun. - 25 Jul. 1964	1963
19660071426	Sizing Study - Operational Nuclear Vehicle, Saturn VN /U/	1963
19660071438	Comparison of accomplishments, an analysis of the data, and a summary of work Final report, 24 May 1962 - 24 Nov. 1963	1963
19660071683	Measurement of the mechanical resistance of glass after reinforcement	1963
19660071691	Invisible light - Night vision	1963
19660071838	A study of a Manned Mars Excursion Module /preliminary draft/ Final report, 21 May - 20 Nov. 1963	1963
19660071839	A study of a Manned Mars Excursion Module /preliminary draft/ Final report, 21 May - 20 Nov. 1963	1963
19660071840	MEM study - Technical analysis, volume I, part II /preliminary draft/	1963
19660071886	Dual plane separation tests Preliminary test report	1963
19660072023	Project Mercury environmental control system - Technical history	1963
19660072034	Experimental determination of density with the induction gun using the Stark broadening of the D beta line	1963
19660072056	Simulation of the integrated LEM mission Final report	1963
19660072137	Power generation, storage and distribution for a manned orbital space station	1963
19660072195	M-1 Engine Development Plan. Volume 1, Revision D (U)	1963
19660072311	Study of alertness in manned space flight, part II Final report	1963
19660072530	Model specification, Saturn S-IV stage /C-1 vehicle/	1963
19660072533	Solid-boosted Nova vehicle system study. Volume I - Introduction, summary Final report	1963
19660072577	Principles of adaptive reliability Final technical report	1963
19660072667	Study of large sea-launch space vehicle. Volume III - Summary Final report	1963
19660072844	Titan II space booster design study. Volume IV - Development and funding plan /Final/	1963
19660072894	A program for the testing of S-IV composite structural materials at cryogenic temperatures, model no. DSV-4	1963
19660073016	Preliminary propagation study	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073525	Thermal analysis of anode and cathode regimes in an electric arc column Quarterly progress report no. 1, 28 Jun. - 1 Oct. 1963	1963
19660073527	Lectures on celestial mechanics. Principles of mathematical sciences, monographs with special emphasis on applied mathematics, volume 85	1963
19660073595	Solar Probe Study. Volume III - Mission Analysis and Flight Operations (U) Final Report, May - Aug. 1963	1963
19660073805	Conceptual Design Study of 50 to 100 Ton Reusable Orbital Carrier. Volume 3 - Operational Implementation /U/ Final Report	1963
19660073879	Bulge diaphragm testing of 2219 welds	1963
19660073884	Automation of post flight evaluation, phase II Final report	1963
19660073887	The use of wind shear to control the orientation of parachute loads	1963
19660073936	Weld development report for stainless wire mesh materials	1963
19660073937	Results of mechanical property tests from Y-ring qualification panels	1963
19660074240	Analysis of Martin S-IC helium bottle fabrication technique	1963
19660074386	Radar techniques study, array thinning techniques /U/ Second quarterly status report, 1 Feb. - 31 Mar. 1963	1963
19660074437	J-2 Program (U) Monthly Progress Report, Period Ending 30 Nov. 1963	1963
19660074473	Atlas/centaur Uprated Booster Engine Feasibility Study	1963
19660074477	Study of Mars and Venus Orbiter Missions Launched by the 3-stage Saturn C-1B VEHICLE, Volume III, Part 2	1963
19660074568	Effect of superposition of stress raisers on axial-load fatigue strength	1963
19660074613	Investigation of two stage magnetic amplifiers	1963
19660074716	Interactions between electron beams and fully ionized plasmas	1963
19660074931	Ac bias for a magnetic amplifier	1963
19660074943	An analysis of a current regulator for a cyclotron bending magnet	1963
19660074954	Boolean minimization of large relay interlock and control systems	1963
19660075034	PCM synchronization and demultiplexing study, volume I Final report	1963
19660075035	PCM synchronization and demultiplexing study, volume II Final report	1963
19660075048	Performance tests on a bonded strain gage pressure transducer	1963
19660075070	Research and development of ROBIN METEOROLOGICAL rocket balloon, volume II	1963
19660075071	The drag coefficient of a sphere corresponding to a "one meter ROBIN sphere" descending from 260,000 foot altitude /Reynolds numbers 789 to 23,448, Mach numbers 0.056 to 0.90/	1963
19660075072	Lift and induced drag of a rotating sphere in inviscid flow	1963
19660075073	The drag of spheroids related to the drag of a sphere with an identical surface area	1963
19660075097	Control system identification through model modulation methods	1963
19660075255	Project Mercury - Environmental control system, technical history	1963
19660075270	Kinetics and mechanism of thermal disintegration of low-molecular alkyl azides	1963
19660075302	Investigation of feasibility of infrared detection of meteoroid punctures in Atlas tanks Summary report	1963
19660075341	An investigation of the effect of autothrottle devices on aircraft control in the carrier landing approach	1963
19660075403	Development of a reinforced carbonaceous and ablative composite for entry heat protection of manned spacecraft Quarterly progress report, Jan. - Mar. 1963	1963
19660075410	Measurement of acoustic pressures associated with moving striations in a neon glow discharge	1963
19660075412	A 10 kc Kerr cell modulator for the production of repetitive giant laser pulses	1963
19660075416	A stochastic model for artificial earth satellite illumination	1963
19660075803	Additional force data obtained in the Chance Vought hypervelocity wind tunnel on a five stage Scout payload reentry configuration at a Mach number of 17	1963
19660075881	Overcritical hydrogen and oxygen dewars Final report	1963
19660075995	Transient phenomena in dissociative reactions. Part I - Theory and interpretation of incubation times. Part II - Calculation of incubation times	1963
19660076261	Investigation of Fundamental Hypergolic Ignition Phenomena Under Dynamic Flow Environments (U) First Annual Technical Summary Report, 27 Jun. 1962 - 30 Jun. 1963	1963
19660076321	Analytical and experimental evaluation of hypersonic inlets Quarterly progress report no. 1, 1 Jul. - 29 Sep. 1963	1963
19660077053	Nova Propulsion Review /U/	1963
19660077231	Liquid hydrogen mass flowmeter evaluation and development, Mar. 1 - Apr. 1, 1963	1963
19660077274	Saturn V System Design, Programming and Data Adapter Design Evaluation Semiannual Progress Report, 1 Apr. - 30 Sep. 1963	1963
19660077323	Preliminary test plan for dual plane separation tests	1963
19660077563	Supplement /vehicle Control System Analysis/ to Summary Report of Centaur Analysis for Saturn I-B/Centaur/Voyager Launch Vehicle (U)	1963
19660077962	Design and development of electromagnetic forming coils Summary report	1963
19660078179	Design and development of electromagnetic forming coils, phases I through III Final report	1963
19660078231	Study of a Manned Mars Excursion Module. Volume III - Classified Appendix (U) Final Report, 21 May - 20 Nov. 1963	1963
19660078941	Superstitious Chaining During Temporal Discrimination	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080292	Research and development of an open-cycle fuel cell system Monthly progress report no. 9, 1-31 Jan. 1963	1963
19660080293	Research and development of an open-cycle fuel cell system Monthly progress report no. 10, 1-28 Feb. 1963	1963
19660080294	Research and development of an open-cycle fuel cell system Monthly progress report no. 11, 1-31 Mar. 1963	1963
19660080295	Research and development of an open-cycle fuel cell system Monthly progress report no. 12, 1-30 Apr. 1963	1963
19660080296	Research and development of an open-cycle fuel cell system Monthly progress report no. 13, 1-31 May 1963	1963
19660080297	Research and development of an open-cycle fuel cell system Monthly progress report no. 14, 1-30 Jun. 1963	1963
19660080298	Research and development of an open-cycle fuel cell system Monthly progress report no. 15, 1-31 Jul. 1963	1963
19660080299	Research and development of an open-cycle fuel cell system Monthly progress report no. 16, 1-30 Aug. 1963	1963
19660080300	Research and development of an open-cycle fuel cell system Monthly progress report no. 17, 1-30 Sep. 1963	1963
19660080301	Research and development of an open-cycle fuel cell system Monthly progress report no. 18, 1-31 Oct. 1963	1963
19660080302	Research and development of an open-cycle fuel cell system Monthly progress report no. 19, 1-30 Nov. 1963	1963
19660080388	Research on the Loading of Missiles Due to Atmospheric Turbulence and Wind Shear /U/ Final Report, 24 Jul. 1961 - 31 Oct. 1962	1963
19660080649	The opacity due to compton scattering at relativistic temperatures in a semidegenerate electron gas	1963
19660081028	Fifth anniversary international tracking of space vehicles	1963
19660081066	Daytime whistler-mode attenuation through the lower ionosphere at 15.5 kc as measured on explorer vi during launch trajectory	1963
19660081108	/interim/ annual report, january 1 - june 30, 1963	1963
19660081120	Stellar energy sources	1963
19660081261	Hypersonic aircraft technology	1963
19660081354	Application of ion thrust motors in attitude and position control of satellites	1963
19660081453	Designs and Hazards Analysis for Capsule Thermocouples at Plum Brook Reactor Facility	1963
19660081477	The choice of fiducial points in determining plate constants for lunar photographs research report no. 9, nov. 1963	1963
19660081480	The Energy Spectrum of the Heavy Primary Cosmic Rays	1963
19660081499	Design Manual and Hazards Analysis for Experiment No. 40/W004, Control Drum Bearings at Plum Brook Reactor Facility	1963
19660081500	Design Manual and Hazards Analysis for Experiment No. 23/W202, Linear Displacement Transducers at Plum Brook Reactor Facility	1963
19660081531	A Study of Some Non-Random Aspects of the Frequency of Meteorite Falls	1963
19660081634	S-Band and VHF Design Considerations for Project Voyager	1963
19660081646	Study Report of Approach Guidance System for the Voyager Spacecraft, Volume VIII, Part 9	1963
19660081651	The Theoretical, Analytical and Experimental Studies Performed in the Investigation of the Re-Entry Burn-Up of NERVA Fuel Summary Report	1963
19660081660	Ranging Subsystem Spacecraft S-Band System Test Set. Final Report, 21 Jun. 1962 - 15 Jan. 1963	1963
19660081692	Geomagnetic Protection from Solar Proton Events	1963
19660081813	Ranger lunar facsimile capsule, design review	1963
19660081837	Static loads on the saturn i-apollo launch vehicle	1963
19660081886	Ogo-silver-cadmium battery study final report	1963
19660082095	Lunar facsimile capsule program bimonthly technical progress report no. 1, 15 nov. - 25 dec. 1962	1963
19660082135	Radiation effects on electrode behavior monthly progress report no. 2, 1-31 jul. 1963	1963
19660082325	Space Systems Analysis Study Final Report	1963
19660082326	An Automatic Filter Method in Spectrophotometry	1963
19660082364	Chemical Evidence for the Bent Excited State of Diacetylene	1963
19660082367	Voluntary Dehydration in Man	1963
19660082481	Structure and Properties of Magnesia for Use in Pebble Bed Heaters to 4000 F	1963
19660082531	Performance parameter measurements on the interplanetary monitoring platform imp i	1963
19660082542	Project relay communication performance interim report no. 1	1963
19660082675	Crew systems development in support of manned space flight	1963
19660082905	High-temperature Cobalt-tungsten Alloys for Aerospace Applications	1963
19660082947	Summary of Spectral Scanning Theory of Color Vision	1963
19660083129	Non-anatectic Migmatites in Gilpin County, Colorado	1963
19660083176	Greenhouse effect in a semi-infinite atmosphere scientific report no. 2	1963
19660083371	High Temperature Protective Coatings for Refractory Metals	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660083485	On the Numerical Theory of Satellites with Highly Inclined Orbits	1963
19660083491	Characteristics of a charged particle motion in the geomagnetic field kharakteristiki dvizheniya zaryazhennoy chastitsy v geomagnitnom pole	1963
19660083559	Electron content variations in the auroral ionosphere determined from satellite radio observations scientific report no. 2	1963
19660083570	The Orbiting Geophysical Observatory Test and Support Program	1963
19660083648	Radar observations of venus in the soviet union during 1962 radiolokatsionnyye nablyudeniya venery v sovetskom soyuze v 1962 godu	1963
19660083745	Radioastronomical observations of venus with a high resolution radioastronomicheski- ye nablyudeniya venery s vysokoy razreshayu- shchey sposobnost'yu	1963
19660083827	Calculation of the Electrical Conductivity of Gaseous Mixtures which are in the Plasma State	1963
19660083831	Possible identification of an organized element in orgueil meteorite	1963
19660083839	Quarterly status report no. 2, 17 october 1962 - 17 april 1963	1963
19660083962	Advanced syncom monthly progress report, jun. 1963	1963
19660083966	Advanced syncom monthly progress report, sep. 1963	1963
19660083989	Propulsion by hybrid rockets la propulsion par fusees hybrides	1963
19660084025	Launch stabilization of the berenice rocket	1963
19660084077	An Observation of Jupiter in the Ultraviolet	1963
19660084169	Advanced syncom monthly progress report	1963
19660084170	Advanced syncom monthly progress report	1963
19660084171	Advanced syncom monthly progress report	1963
19660084178	Advanced syncom, supplement to summary report monthly progress report	1963
19660084199	Effect of the earth's orbital motion on radar measurements of remoteness and velocity in cosmic space vliyaniye orbital'nogo dvizheniya zemli na iznereniya radiometodami dal'nosti i skorosti v kosmicheskom prostranstve	1963
19660084215	Galactic Distribution of Eclipsing Binaries and Its Significance	1963
19660084219	Advanced syncom monthly progress report	1963
19660084234	Development of auxiliary electric power supply system progress report, 15 mar. - 15 apr. 1963	1963
19660084235	Development of a hydrogen-oxygen space power supply system progress report, 1-31 aug. 1963	1963
19660084237	Development of auxiliary electric power supply system progress report, 15 feb. - 15 mar. 1963	1963
19660084239	Development of auxiliary electric power supply system Progress report, 11 Jan. - 15 Feb. 1963	1963
19660084287	A model for a broad, disordered transition between the solar wind and the magnetosphere	1963
19660084300	Fabrication of tungsten clad uc-zrc specimens and cermets for irradiation test in getr	1963
19660084385	Telemetry and spacecraft support monthly progress report, 1-30 jun. 1963	1963
19660084501	Photoelectric Observations and Orbital Solutions of Bv 267	1963
19660084540	Saturn i/v programs. scope of presentation	1963
19660084545	Influence of chronic acceleration upon growth and body composition	1963
19660084718	Effect of Ablation Material Thermal Properties on Erosion Rate with OF2-Diborane Design Report	1963
19660085577	Henry Ford Hospital Progress Report, 1 July - 30 September 1963	1963
19660085660	Effects of Deprivation Conditions upon the Rat's Home Cage Behavior	1963
19660085947	An Examination of the Physical Foundations of Pre-biological Evolution	1963
19660086611	Diffraction of a dipole field by a conical field	1963
19660086927	On product form of inverses of sparse matrices	1963
19660086938	Adiabatic invariants and the "third" integral	1963
19660086941	The minimum miss distance problem	1963
19660087001	Interpretation of Rocket Measurement Data Obtained in the Upper Atmosphere with the Help of Thermoluminescent Phosphor Interpretatsiya Danykh Raketnykh Izmereniy v Verkhney Atmosfere Poluchennykh s Pomoshch'yu Termoluminescentnogo Fosfora	1963
19660087003	Determination of the cosmic ray equator on the 14 deg w meridian opredeleniye ekvatora kosmicheskikh luchey na meridiane 14 deg w	1963
19660087014	On the Generation Mechanism of Electromagnetic Vlf Radiation in the Outer Van Allen Belt o Mekhnizme Generatsii Elektromagnitnogo Ul'tranizkochastoy'nogo Izlucheniya Vo Vneshnem Radiatsionnom Poyase Zemli	1963
19660087296	Ferroelectric bolometer for space research	1963
19660087321	Detection of extraterrestrial life. method ii - optical rotatory dispersion second quarterly report, 20 mar. - 19 jun. 1963	1963
19660087322	Biochemical activities of terrestrial microorganisms in simulated planetary environments interim report, 1 feb. - 31 jul. 1963	1963
19660087323	Research on detection of extraterrestrial life by ultraviolet spectrophotometry third quarterly progress report, 1 jul. - 30 sep. 1963	1963
19660087324	Radioisotopic biochemical probe for extraterrestrial life quarterly progress report no. 9	1963
19660087626	The variation of iron and manganese in tektites	1963
19660087820	Preliminary Catalogue of Space Simulation Chambers	1963
19660088052	High temperature thermocouple research and development program monthly progress report no. 1, 17 jun. - 1 jul. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088053	High temperature thermocouple research and development program monthly progress report no. 2, 1 jul. - 1 aug. 1963	1963
19660088054	High temperature thermocouple research and development program monthly progress report no. 5, 1 oct. - 1 nov. 1963	1963
19660088055	High temperature thermocouple research and development program monthly progress report no. 6, 1 nov. - 1 dec. 1963	1963
19660088180	Electrolytic production of oxygen and reduction of carbon dioxide quarterly status report, 1 jan. - 31 mar. 1963	1963
19660088381	Development of the physiography of the western highland rim plateau in tennessee by ground- water sapping or rejuvenated stream cycle	1963
19660088453	Tactical communication connector research and development project, volume 2 final report, 10 dec. 1962 - 30 sep. 1963	1963
19660088454	The surface passivation of p-n junctions second annual report	1963
19660088456	In-house battery separator investigation	1963
19660088458	The canadian armament research and development establishment /carde/ support program semiannual report, 1 jul. - 31 dec. 1963	1963
19660088485	Data acquisition and reduction. phase v, part i- variations of the trajectory of an unguided rocket caused by statistical variations in parameters	1963
19660088490	Measurement of friction torque at pivot and jewel bearings used in inertial navigation flotation gyroscopes	1963
19660088496	An investigation of shearing stresses in a cantilevered rectangular prismatic bar subjected to bending	1963
19660088504	Rift monthly technical progress report, mar. 1963	1963
19660088509	A new method for the manufacture of feedback accelerometer hinges	1963
19660088516	Dsv-4 reliability mathematical model	1963
19660088525	Some topics in injection lasers, photon communication systems, laser gyroscopes, opto- electronics and ultrasonic amplification	1963
19660088529	Theoretical and experimental investigation of optical heterodyning final report	1963
19660088536	Research on paramagnetic resonances final report	1963
19660088541	Fatigue crack propagation in high strength 4340 steel	1963
19660088543	High altitude infrared background evaluation annual technical documentary report	1963
19660088551	Hydrothermal growth of large ruby single crystals interim technical documentary progress report, 1 jan. - 30 jun. 1963	1963
19660088561	Caf 3x rhombic antenna analysis	1963
19660088562	Results of the voyager design study	1963
19660088565	Prediction of corrosion and noncorrosion conditions for metals and alloys	1963
19660088566	The performance characteristics of four types of radiative fins	1963
19660088574	Packaged liquid propulsion symposium	1963
19660088595	Survey of radiation effects on propellants	1963
19660088644	Wing ii continued development firing number 243d-2-1-51 final report	1963
19660088651	Tradex instrumentation radar final technical summary report	1963
19660088664	Preliminary study of the effect of ozone on atmospheric transmission in the range 0.25 micron to 0.60 micron	1963
19660088670	High impact 2-watt l-band solid state transmitter final report, 6 aug. 1962 - 28 feb. 1963	1963
19660088718	Investigation of new inorganic oxidizers progress report, 21 dec. 1962 - 31 mar. 1963	1963
19660088719	Investigation of new inorganic oxidizers progress report, 1 jul. - 30 sep. 1963	1963
19660088720	Solid propellant rocket motors designed to exhaust at 90 degrees to the centerline of the motor program progress report no. 13, 16 jan. - 15 feb. 1963	1963
19660088722	Gemini Launch Vehicle Engine System Program	1963
19660088728	Gemini/Agena Vehicle Model Specification	1963
19660088732	Experimental evaluation of variable thrust injectors, parts i - v	1963
19660088736	Survey of department of defense materials research and development program	1963
19660088767	J-2 program monthly progress report for period ending 30 june 1963	1963
19660088768	J-2 program monthly progress report for period ending 31 august 1963	1963
19660088771	Altitude test of a thiokol tx33-35 second-stage scout motor /motor serial no. 156/	1963
19660088782	Characteristic functions of linear image-forming systems	1963
19660088789	Studies of thermal plasmas associated with hypersonic re-entry conditions semiannual report, oct. 1962 - mar. 1963	1963
19660088797	Gemini launch vehicle acceptance specification martin specification mb-1049	1963
19660088806	Investigation of the influence of stiffener size on the buckling pressures of circular cylindrical shells under hydrostatic pressure, part ii	1963
19660088813	Constant voltage /sine wave/ gyro wheel supply specification	1963
19660088817	High-frequency lasers	1963
19660088823	Effect of accuracy limitations in the airborne digital computer on the convergence of a stagewise midcourse trajectory determination procedure	1963
19660088827	Quarterly progress report, february - april 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088828	Program 461 reliability materials research and application evaluation of bearing materials and lubricants for space environment final report	1963
19660088839	Radiation effects on spacecraft electronics systems, components and materials - an annotated bibliography supplement 1, aug. 1962 -apr. 1963	1963
19660088840	Radiation effects on microwave devices first quarterly report, 15 may - 15 sep. 1963	1963
19660088868	Exhaust plume and antenna look angle description for signal attenuation analysis- ws-133b minuteman	1963
19660088873	Hypervelocity micrometeoroid laboratory and test programs	1963
19660088874	TV Camera Subsystem for Mars-Venus Voyager Missions	1963
19660088875	Lunar Reconnaissance, Appendix C Status Report.	1963
19660088876	Fracture toughness and tear tests, exhibit c monthly progress report no. 2, 1-31 aug. 1963	1963
19660088881	The multiple ruby laser	1963
19660088897	Television, Photogrammetry, Photometry and Radiometry Adaptable to Space Reconnaissance	1963
19660088911	Service test /evaluation/ of airborne vehicle identification /avid/ system	1963
19660088923	Leading edges development - dyna soar	1963
19660088926	Magnetogasdynamic rocket for space propulsion third quarterly progress report, 10 may - 9 aug. 1963	1963
19660088927	Magnetogasdynamic rocket for space propulsion second quarterly progress report, 9 feb. - 9 may 1963	1963
19660088930	Solar Probe Report. Volume III- Technical Documentation	1963
19660088932	Fracture toughness, fatigue-crack propagation and corrosion characteristics of aluminum alloy plates for wing skins quarterly report, 3 sep. - 3 dec. 1963	1963
19660088938	Operational test and evaluation of phototropic goggles final report	1963
19660088940	Digital Television Subsystem for Project Voyager, Volume VIII, Part I	1963
19660088943	Gemini program launch vehicle system critical component report	1963
19660088951	Rubber research- the synthesis of special fluorine-containing monomers quarterly progress report, 1 jul. - 1 oct. 1963	1963
19660088953	Study of a single-stage high-reduction-ratio transmission concept for gas turbine engines final engineering report	1963
19660088954	Polaris qualification test report diodes, scd 2411769, fairchild semiconductor corp., type fd1198	1963
19660088959	Theoretical foundations for the computer-aided design system	1963
19660088960	Augmented satellite control facility system description	1963
19660088967	Field effects - transistors, devices and theory /january 1962 - august 1963/	1963
19660088969	Approximate calculations of spectral absorption coefficients from electronic transition in diatomic molecules, volume ii	1963
19660088973	Research on passive ranging techniques, phase ii	1963
19660088984	Project Gemini Program Progress Report	1963
19660088987	Polaris progress report, jan. 1963	1963
19660089015	Theoretical approach to clutter return	1963
19660089023	Detection techniques for hazardous vapors of elemental propellants final report, may 1 - dec. 31, 1962	1963
19660089034	Research on ballistic missile defense phenomenology final technical summary report, part 1, 1 oct. 1962 - 30 nov. 1963	1963
19660089039	Experimental evaluation of vector thrust total impulse measurement techniques	1963
19660089042	Flows on homogeneous spaces	1963
19660089051	Documentation of wind tunnel data from the 0.577-scale b-70 inlet-engine <yj93-ge-3< compatibility test. appendix v- steady-state tabulated data	1963
19660089092	Launch thermal environment - summary - amr flight test program - ws-133a	1963
19660089109	A further comparison of epsilon and epsilon & theta guidance in homing missiles	1963
19660089159	Infrared measurements on aircraft final report	1963
19660089196	Minimum drag bodies of revolution in hypersonic viscous flow	1963
19660089198	Comparison of the relative merits of various approaches to electronic image enhancement	1963
19660089200	Comparative evaluation of display techniques	1963
19660089202	Combined effect of vibration and noise on the human organism	1963
19660089204	Lunar support modules	1963
19660089206	Crack propagation in cumulative damage fatigue tests	1963
19660089211	Solid state research, no. 4, 1962	1963
19660089213	Solid contamination detection in triaryl phosphate ester fire-resistant fluids	1963
19660089215	Rutherford high energy laboratory nimrod - period i plans	1963
19660089217	Engineering Studies and Systems Modifications for the Saturn Ground Computer Complex Monthly Progress Report, 1-31 Aug. 1963	1963
19660089239	Information processing in command and control	1963
19660089262	Program 706 phase 0 study, volume v - - launch complex study final report, 15 jun. - 15 nov. 1963	1963
19660089271	Selection of accelerated mercury erosion test method technical memorandum	1963
19660089280	Precooling of vh-13 fuel run vessel final report	1963
19660089284	Wind-tunnel tests on a model forest	1963
19660089286	Research and development of high temperature structural adhesives quarterly progress report, 1 sep. - 30 nov. 1963	1963
19660089295	Impurity conduction in the intermediate concentration region	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089298	Research in physiology and related fields at the national institute for medical research of the united kingdom	1963
19660089302	Experimental detonation velocities and induction distances in hydrogen-air mixtures	1963
19660089305	<development of an Improved Monte Carlo Program for Calculating the Transmission of Electrons Through Foils> Quarterly Status Report, Apr. 1 - Jun. 30, 1963	1963
19660089308	The Formation and Stability of an Electromagnetic Boundary in a Pinch Second Semiannual Progress Report, Jan. 1 - Jun. 30, 1963	1963
19660089309	Fortran Program for the Analysis of a Single- Propellant Tank Pressurization System	1963
19660089316	A conditional monte carlo program for solving the transport equation	1963
19660089326	Investigations of ion beam diagnostics monthly progress report, period ending 13 jan. 1963	1963
19660089378	Saturn V-Rift Wind Tunnel Pressure Test P-61 Final Data Report	1963
19660089384	The 507 pulse-burst generator	1963
19660089386	Deflection modulation and millimeter waves	1963
19660089393	A time-pulsed area attrition concept for stage	1963
19660089402	Voyager radargrammetry	1963
19660089404	Interagency chemical rocket propulsion group, working group on design automation, charter and minutes of meetings 1-5	1963
19660089412	Calculation of the influence of internal circulation in a liquid drop on heat transfer and drag	1963
19660089419	Saturn s-iv-5 instrumentation program and component list	1963
19660089427	Mercury/atlas launch vehicle final report	1963
19660089432	Nerva Summary Report, Volume li	1963
19660089458	Delta Tيروس H Mission Orbit Error Analysis	1963
19660089471	[No Title]	1963
19660089490	Down-range anti-missile measurement program. addendum no. 1- electron density distributions about the mark iv reentry body at alpha equals 10 deg and alpha equals 22.5 deg	1963
19660089494	A study of x-ray countermeasure methods semiannual report no. 4, 1 jul. - 31 dec. 1962	1963
19660089497	Digitalized electrostatic accelerometer research quarterly report no. 1, 1 jun. - 31 aug. 1962	1963
19660089498	Airborne communication system quaterly progress report no. 2, 15 sep. - 15 dec. 1962	1963
19660089505	The effects of electromagnetic radiation on mark 4 re-entry vehicle critical components	1963
19660089510	Manned Orbital Development System: Rendezvous Flight Mechanics Analysis for a Manned Space Station	1963
19660089514	Radar techniques study quarterly report, 30 sep. - 31 dec. 1962	1963
19660089516	Feasibility program of radar reflections progress report no. 7	1963
19660089517	Re-entry environment and systems technology /rest/. volume i- summary semiannual progress report, 1 jul. - 31 dec. 1962	1963
19660089519	Re-entry dynamics analysis of the rex-1 flexible re-entry vehicle	1963
19660089524	Test laser source quarterly letter report, 1 sep. 1962 - 10 jan. 1963	1963
19660089540	Research of aspects of mass transport near the three-phase zone of an oxygen electrode quarterly status report no. 2, sep. 1 - nov. 30, 1963	1963
19660089545	A study of the suitability of a hydrostatic seal for boiler feed pumps /c/	1963
19660089556	Studies to determine optimum lunette load for the lance lightweight launcher	1963
19660089582	Gasp contamination study status report	1963
19660089587	High specific energy storage devices final technical report	1963
19660089589	Mark 4 re-entry vehicle flight evaluation report, avco mark 4, mod 4-17, flight of 13 august 1962, afmtc flight test no. 102, atlas missile no. 7f. weapon system 107a-2	1963
19660089592	Molecular applications to infrared search- track equipment interim report no. 5, 16 sep. - 15 dec. 1962	1963
19660089593	Optical coherence device quarterly letter report, 1 oct. - 31 dec. 1962	1963
19660089616	Manned orbital space station	1963
19660089617	Results from the gasl scallops program	1963
19660089633	Flight test report, minuteman missile ftm 424	1963
19660089637	Comparison of wake properties behind several reentry bodies	1963
19660089639	Consolidated instrumentation plan. part iia of firing test report, pershing missile 406	1963
19660089657	Heat balance study progress report	1963
19660089682	Organic film tunneling effects and devices first quarterly progress report, 1 nov. 1962 - 31 jan. 1963	1963
19660089684	Evaluation of beryllium brake system in a-3a aircraft first interim report	1963
19660089687	New high temperature infrared transmitting glasses second semiannual technical summary report, 1 may - 31 oct. 1963	1963
19660089699	Sergeant missile system. firing set heating and air-conditioning test test report, 26 feb. - 7 mar. 1963	1963
19660089702	Investigation of precision antenna pattern recording and display techniques final report	1963
19660089733	Elmendorf-mcclellan ionosphere sounder program final report	1963
19660089734	Magnetoaerodynamic drag and flight control	1963
19660089742	Mathematical optimization techniques for reliability and maintainability apportionments	1963
19660089743	Critical power loading of an irradiated plasma slab eighth quarterly technical note	1963
19660089745	The calculation of bremsstrahlung radiation penetrating a space vehicle	1963
19660089748	Estimated flow field and radiation data from the shock layer and the surface of the rex-1 vehicle	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089749	Minuteman mark 5 re-entry vehicle, flight evaluation report, avco rad mark 5 mod 4c-6 re-entry vehicle, flight of 19 september 1962, afmtc flight test 3721, missile no. 420, weapon system 133a	1963
19660089750	Infrared background measurements preliminary report	1963
19660089751	Downrange antimissile measurement program plan, 1963	1963
19660089753	Low-observable reentry vehicle program semiannual progress report, 24 jul. - 30 dec. 1962	1963
19660089755	Mark 5 re-entry vehicle flight evaluation report, avco rad mark 5 mod 4c-7 flight of 18 september 1962, afmtc flight test no. 3722, minuteman missile 421	1963
19660089756	Minuteman missile ftm 423a flight test report	1963
19660089757	Data summary and trajectory report, mission no. k-6, nike-zeus test no. 4	1963
19660089758	Minuteman missile ftm 426 flight test report	1963
19660089760	Technical aspects of possible chinese medium-range ballistic missiles	1963
19660089762	Minuteman missile ftm 423 flight test report	1963
19660089764	Weapon system 133a flight evaluation report	1963
19660089765	Controlled pulse laser program first semiannual technical summary report, 1 sep. - 31 dec. 1962	1963
19660089766	Design and development of an integrator for an inertial altitude determination system monthly progress report, jan. 1963	1963
19660089789	Minuteman missile ftm 419, model no. ws-133a flight test report	1963
19660089790	Ballistic missile early warning system quarterly reliability report no. 13, 1 dec. 1962 - 28 feb. 1963	1963
19660089791	Electro-optical techniques study interim engineering report no. 3, 1 nov. 1962 - 31 jan. 1963	1963
19660089792	Study of high temperature chemical separation of air into o2-n2 components	1963
19660089793	Optical particle decoy study monthly program progress report, jan. 1963	1963
19660089794	Weapon system 133a - minuteman mark 5 re-entry vehicle flight evaluation report. avco rad mark 5, mod 2-11 re-entry vehicle flight of 7 january 1963	1963
19660089795	Minuteman stage iii, flight test evaluation report for flight test missile 433	1963
19660089800	Saturn S-ivb Monthly Technical Report, Jan. 1963	1963
19660089801	The x-20 program	1963
19660089802	Phototropic and photochemical ophthalmic light filters technical documentary report, 1 sep. 1961 - 31 oct. 1962	1963
19660089803	The performance and structural design of the marquardt ma 114-xaa supersonic combustion ramjet	1963
19660089806	Engineering design test to determine fragmentation of titan missile and related tanks, april - august 1962	1963
19660089807	Thermal energy avalanche conversion processes final report	1963
19660089808	Revised estimates of the beacon and telemetry attenuation of rex-1 /cs-1ft/	1963
19660089809	Mark 6 vehicle instrumentation program. flight test requirements	1963
19660089810	Nuclear lunar logistics study, technical volume	1963
19660089815	Ballistic range evaluation of spherical and rounded base configurations for the lrcs re-entry vehicle	1963
19660089817	Energy transfer through ionized shock waves final report	1963
19660089818	Lunar Logistic System Studies	1963
19660089825	High gain steerable antenna quarterly report no. 2, 1 oct. - 31 dec. 1962	1963
19660089838	Nike-zeus target launch, 576 'a' complex missile flight report no. 2	1963
19660089845	Azusa mark ii impact prediction results	1963
19660089848	Dynamic load test - thrust mount and shock isolation system test	1963
19660089853	Electro-discharge machining program final technical documentary report, 15 nov. 1960 - 20 jul. 1963	1963
19660089858	Study of the department of defense standardization program	1963
19660089859	Image evaluation for reconnaissance, proceedings of a symposium technical note no. 1	1963
19660089862	A hot-wire vacuum gage for transient measurements	1963
19660089872	Manned orbital development system	1963
19660089873	Transportable vertically emplaced launcher - /travel/. volume i - baseline configuration design studies	1963
19660089875	Preliminary report on optical monitoring of nike-zeus k-7 re-entry phenomena	1963
19660089876	Dyna soar ascent guidance equations	1963
19660089877	Atlas flight test summary report mod ii decoy ejection mechanism - flight vibration measurements	1963
19660089878	Non-standard radar parameters for project fire guidance	1963
19660089882	Thermal radiation signature studies	1963
19660089883	Threat detection using ultraviolet radiation final report	1963
19660089889	A parametric study of the lunar thermal diffusivity employing a fourier series	1963
19660089895	Solution of some engineering problems with the help of probability graphs	1963
19660089907	Static stability characteristics of a 1/15- scale f-111 aircraft at m equals 2.47	1963
19660089914	Visit report	1963
19660089918	Em induced damage mechanisms in materials quarterly report no. 3, oct. 10, 1962 - jan. 10, 1963	1963
19660089928	Inlet-exhaust-thrust reverser program for the commercial supersonic transport summary report	1963
19660089932	Performance capabilities of down-range radar instrumentation, existing and planned	1963
19660089933	[No Title]	1963
19660089942	Radar echo characteristics second semiannual technical summary report, 26 apr. 1962 - 26 jan. 1963	1963
19660089946	Polaris power-plant development fourth monthly progress report, nov. 1963	1963
19660089947	Advanced interceptor technology. phase ii - technical investigations. volume 1 - bambi studies continuation study report, 1 oct. 1962 - 31 jan. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089948	Design and analytical evaluation of hot monocoque and advanced structural concepts. volume ii - analytical evaluation of structural concepts final technical report	1963
19660089949	Optical discrimination in the atmosphere	1963
19660089950	The effect of variable sweep on the loiter and cruise capability of a mach 3.0 long-range interceptor	1963
19660089951	Superconducting bodybound gyro. development of an experimental model monthly contract status report no. 7, mar. 1963	1963
19660089972	Power for manned orbiting laboratories	1963
19660089973	Program 661a vehicle test code a final report	1963
19660089978	System requirements for the mark 6 vip program	1963
19660089979	Minimum weight interceptor techniques research report	1963
19660089982	Investigation of high-temperature refractory metals and alloys for thermionic converters second quarterly progress report	1963
19660089985	Wsmr tests sr-002, 003, 004, 005, and 007, and afmtc test 102. /task 1,2-advanced decoys for blunt re-entry vehicle - rest project special evaluation report	1963
19660089992	Webbed dendritic silicon solar cell radiation effects investigation quarterly progress report, 15 apr. - 15 jul. 1963	1963
19660089994	Theoretical and experimental study of rare earth ion fluorescence in crystals progress report no. 1, 1 may - 1 nov. 1963	1963
19660089998	Study of radio telescope in orbit /ratio/ structures quarterly report no. 1, 15 may - 15 aug. 1963	1963
19660090016	Test plan for design demonstration test /ddt/ program for pershing rocket motors	1963
19660090025	A qualitative assessment of the flow through a hydraulic valve under dynamic conditions	1963
19660090039	Material requirements for magnetohydrodynamics	1963
19660090043	A numerical method for the eigenvalue problem	1963
19660090099	On advanced decoys as penetration aids	1963
19660090100	Investigation of optical filter materials final report, jul. 1962 - jan. 1963	1963
19660090102	Flight test report, minuteman missile ftm 421b	1963
19660090103	Titan III Project Review and Data Book	1963
19660090111	Opening adjustments of artificial black bodies taking into account the multiple internal diffusion phenomena corrections d'ouverture des corps-noirs artificiels compte tenu des diffusions multiples internes	1963
19660090138	Centaur Quarterly Technical Summary Report, Jul. 1 - Sep. 30, 1963	1963
19660090139	Model Specification for Centaur 4c Second Stage Vehicle	1963
19660090142	Model Specification for Centaur IC Second Stage Vehicle	1963
19660090143	Atlas-centaur Launch Probability Study, Volume 1	1963
19660090144	Atlas-centaur Launch Probability Study, Volume 2	1963
19660090145	Atlas/centaur Launch Vehicle Studies. Volume v - Guidance Final Report, Oct. 10 - Dec. 4, 1962	1963
19660090150	Calculated weight and balance status report, saturn stage s-ii eighth monthly report, jan. 1 - feb. 1, 1963	1963
19660090192	Minimum drag bodies of revolution by exact methods	1963
19660090197	Calculated weight and balance, saturn stage s-ii status report, 1 dec. 1962 - 1 jan. 1963	1963
19660090203	Research and development at general dynamics	1963
19660090207	Metallized gelled propellants conference	1963
19660090208	Historical review of thixotropic metallized gelled propellants	1963
19660090209	The application of metallized propellants to ballistic missile systems	1963
19660090210	Formulation and evaluation of the characteristics of metallized gelled propellants	1963
19660090211	Combustion evaluation of thixotropic gel slurry fuels	1963
19660090212	Evaluation of gelled propellant system components	1963
19660090213	[No Title]	1963
19660090214	Recent advances at the martin company in thixotropic fluid technology	1963
19660090215	Current studies in metallized gels at the u. s. naval ordnance test station	1963
19660090216	Aluminum-loaded hydrazine gelled propellant	1963
19660090217	Characteristics of gelled metallized propellants essential to engine application	1963
19660090218	Operating experience with metallized gelled propellant	1963
19660090219	Rheology of metallized gelled propellants	1963
19660090220	Laboratory investigation of propellant slurries	1963
19660090221	Engineering studies with gelled and metallized propellants	1963
19660090222	Suspension of solids in liquid fuels	1963
19660090223	Summary of the in-house air force rocket propulsion laboratory gelled propellant programs	1963
19660090224	Rocket vehicle propulsion subsystems for gelled propellants	1963
19660090226	Flight evaluation of pershing 328	1963
19660090228	Atlas-centaur Mission Reliability Final Summary Report	1963
19660090232	Aerodynamic stability derivatives from flight test data	1963
19660090238	Photoelectron limited integrating image intensifier tubes interim report, mar. 1 - may 31, 1963	1963
19660090241	Photoelectron limited integrating image intensifier tubes interim report, 1 dec. 1962 - 28 feb. 1963	1963
19660090251	The generation of dense high temperature plasmas by means of coherent optical radiation	1963
19660090275	The degree of fixation of a support in a foundation ueber den einspanngrad einer stuetze im fundament	1963
19660090311	Project development plan - project biosatellite	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090322	Generator development, spur program. part i - generator stator bore seal final report, sep. 1960 - apr. 1963	1963
19660090326	Measurement of neutron intensity in space quarterly status report, 1 jul. - 30 sep. 1963	1963
19660090328	Integration of the supersonic transport propulsion system	1963
19660090340	Gemini Launch Vehicle System Aerospace Ground Equipment Performance Requirements.	1963
19660090341	Gemini Launch Vehicle System Aerospace Ground Equipment Performance Requirements Mechanical Handling and Transportation	1963
19660090342	Gemini Launch Vehicle System Aerospace Ground Equipment Performance Requirements. Mechanical Erection Equipment - Volume V	1963
19660090343	Gemini Launch Vehicle System Aerospace Ground Equipment Performance Requirements	1963
19660090364	Project cheops semiannual technical summary report	1963
19660090385	Recommendations to the National Aeronautics and Space Administration Concerning a Cryogenic Fluid Flowmeter Calibration Facility	1963
19660090402	Toxicity study of x-20 crew compartment materials	1963
19660090403	Scientific passenger pod program advanced ballistic re-entry systems general flight test plan	1963
19660090411	Centaur Insulation Study Program Third Monthly Progress Report, Sep. 14 - Oct. 18, 1963	1963
19660090412	Centaur Insulation Study Program Second Monthly Progress Report, Jul. 27 - Sep. 13, 1963	1963
19660090426	Avco Voyager Preliminary Propulsion Study	1963
19660090444	Centaur Insulation Study Program First Monthly Progress Report, Jun. 27 - Jul. 27, 1963	1963
19660090526	Research and development of propellant feed systems for electrothermal engines ninth monthly progress report, 1-31 dec. 1962	1963
19660090532	Performance tests on two bonded strain gage pressure transducers	1963
19660090536	Microprobe study of brazed joint for snap 10a thermoelectric pump application	1963
19660090546	Msfc manned space flight program status for presentation to the management council, august 27, 1963	1963
19660090549	Test data book little joe ii program revision "b"	1963
19660090568	Msfc manned space flight program status for march 26, 1963 management council meeting	1963
19660090570	Msfc manned space flight program status for january 29, 1963 management council meeting	1963
19660090590	Development of organic sealants for applications at very low temperatures quarterly report no. 6, 1 dec. 1962 - 28 feb. 1963	1963
19660090593	Methods and criteria for the selection of standards	1963
19660090595	Little joe ii algol propulsion system eighth monthly progress report, feb. 1963	1963
19660090596	Little joe ii algol propulsion system seventh monthly progress report, jan. 1963	1963
19660090619	Factors which influence rene performance a limited compilation and brief discussion	1963
19660090620	Wide angle electronic scanning antennas, appendix b independent research study report	1963
19660090622	Little joe ii algol propulsion system twelfth monthly progress report	1963
19660090624	Future requirements for spacecraft design standards	1963
19660090626	Flight test report, minuteman missile ftm 425	1963
19660090628	Re-entry radiation measurements, rex-1/atlas 134f preliminary report	1963
19660090629	Program 706. task 6 - optical tracking equipment first quarterly progress report	1963
19660090630	Advanced decoys for blunt re-entry vehicles quarterly progress report, 1 jan. - 31 mar. 1963	1963
19660090631	Dynamic stability summary report no. 2	1963
19660090632	Thermal Performance Trade-Off of Several Materials for Advanced Re-Entry Vehicles	1963
19660090633	Research and development of a bodybound inertial navigation system using electrostatically supported pendulous gyro accelerometers final report, 1 jul. 1961 - 31 dec. 1962	1963
19660090634	Systems test objectives reduced radar cross section program, rex ii flight test, atlas 13sf	1963
19660090635	Internal loads analysis for the ccs-1ft re-entry vehicle	1963
19660090636	Mark 6 mod 2 decoy /atlas/ data and support requirements /afmtc/ /optical particle decoy study program/ /rest task 1.2.19/	1963
19660090637	Compression scanning array techniques /cosar/ final report, 13 sep. 1961 - 12 apr. 1963	1963
19660090638	Investigation of correlation techniques final report	1963
19660090639	Preliminary design specification for rex-3 vehicle	1963
19660090640	Effect of reentry body base geometry on wake characteristics	1963
19660090641	Weapon system 107 a-1 and a-2 - mark 4 re- entry vehicle flight-test program final summary evaluation report	1963
19660090642	Predictions and measurement of the optical and infra-red signatures of a re-entry vehicle in pitching motion	1963
19660090643	Advanced solar turbo-electric concept	1963
19660090644	Mark 6 mod 2 decoy /amr/ detailed flight test plan, atlas missile 136f	1963
19660090646	Survey of guidance in missile systems	1963
19660090647	New concept for plasma beam generation final report	1963
19660090658	Weapon system 133a - minuteman mark 11 re- entry vehicle, flight evaluation report, avco rad mark 11 mod 2a-2 re-entry vehicle, flight of 20 december 1962, afmtc flight test 5031, missile 426	1963
19660090666	Directional propagation of the ballistic shock wave of an ascending missile	1963
19660090667	Ion augmentation flight test program monthly progress report, 16 mar. - 15 apr. 1963	1963
19660090668	Reentry observable study first semiannual technical summary report, period ending may 15, 1963	1963
19660090670	Feasibility program of radar reflectors /chaff/ progress report no. 10, mar. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090672	Inertial gyro research final report, feb. 15 - aug. 15, 1962	1963
19660090673	Minuteman missile ftm 419a flight test report	1963
19660090674	Detailed flight test requirements for vehicle instrumentation program	1963
19660090676	Research in defense science - methods of synthesis and analysis final report, 1 may 1961 - 31 dec. 1962	1963
19660090677	An investigation to characterize the effects of acceleration on the burning of gun-booster rocket propellant final report, 1 jul. 1962 - 30 apr. 1963	1963
19660090679	The nuclear liquid air cycle engine	1963
19660090684	Program 706. task 1. radar development first quarterly progress report	1963
19660090685	Damp quarterly technical progress report, 1 jan. - 31 mar. 1963	1963
19660090696	Ultrasonic absorption in crystalline benzene	1963
19660090702	Direct energy conversion systems. supplement no. 2 - electrode kinetics and diffusion using a translating electrode semiannual technical summary report, 1 apr. - 1 oct. 1963	1963
19660090714	Tiros meteorological project progress report, 31 may - 30 jun. 1963	1963
19660090726	Fine attitude control system study, part ii final report	1963
19660090739	MA-9 Scientific Debriefing, June 26, 1963	1963
19660090749	Navigation system analysis report final report	1963
19660090759	Predicted thermal environment for flight test missiles ws-133b minuteman	1963
19660090775	Altitude sensing device study program monthly progress report no. 1, 11 feb. - 28 feb. 1963	1963
19660090781	Digital computer analysis of rigid body problems	1963
19660090786	Magnetic studies of indian ocean sediments	1963
19660090805	Investigation of effect due to correlation between components on system reliability	1963
19660090816	Research on gas lubrication at high temperature and low flow rates third quarterly progress report, 15 sep. - 15 dec. 1963	1963
19660090822	Wind and temperature in the atmosphere between 30 and 80 km quarterly technical report, 1 apr. - 30 jun. 1963	1963
19660090826	Design and analytical evaluation of hot monocoque and advanced structural concepts. volume i - determination of basic design parameters	1963
19660090828	Spaceborne sensor study. volume ii, part ii - analytic solution engineering report	1963
19660090851	Research on radiation resistant-high temperature thermionic circuitry	1963
19660090884	Study of noise in semiconductors and semiconductor devices eleventh report, 1 jan. - 31 mar. 1963	1963
19660090893	Voyager spacecraft study. volume viii, part 8 - approach guidance subsystem	1963
19660090896	Guidance and control systems for avco voyager. volume ii - guidance system	1963
19660090897	Guidance and control system for avco voyager. volume 1 - stabilization and control subsystem	1963
19660090901	Weapon system personnel subsystem test and evaluation plan for tf-2	1963
19660090906	Preliminary designs for voyager communication subsystems	1963
19660090907	Voyager orbiter propulsion, volume viii, part 15	1963
19660090916	Project voyager study for development and fabrication of solar cell arrays and antennas	1963
19660090919	Recommended landing systems for the avco nasa voyager final report	1963
19660090921	Voyager propulsion studies. volume viii, part 17 - voyager orbiter and lander propulsion final summary report	1963
19660090923	Theoretical performance of the heated jet pump	1963
19660090924	A study of the causes, control, and measurement of man-made radio frequency interference generated by non-communication equipment	1963
19660090928	Analytic solution, part ii engineering report	1963
19660090929	Infrared emission from ablating solids	1963
19660090931	Classified addendum to engineering report no. 12585 mid-term review summary, 19-20 mar. 1963	1963
19660090936	New developments in continuous propellant processing for the polaris propulsion system, april 1963	1963
19660090986	Advanced decoy feasibility study program program plan, 17 may 1963 - 16 mar. 1964	1963
19660090987	Analysis of the self-boosting air collection and enrichment propulsion system	1963
19660090988	Radar cross section measurements of tvx vehicle 257 /13/	1963
19660090989	Some comments on optical observation of luminous particles shed by reentry vehicles	1963
19660090991	Aerodynamic performance of the mark 5 reentry vehicle	1963
19660090992	Static force, pressure, and heat transfer data of lorv configurations, 6.5 less than m less than 17.2	1963
19660090993	Research and development of infrared track- while-scan technique	1963
19660090994	Some Effects of the Natural Environment on the X-20A Research Vehicle	1963
19660090999	Preliminary design and aerodynamics study rita vi missile	1963
19660091000	Investigation of boundary layer transition for rex-1 and rex-3	1963
19660091001	Analysis of flow about protuberant shapes - application to em window	1963
19660091002	Preliminary test results	1963
19660091004	Research pn base flow and wakes semiannual technical summary report, 15 nov. 1962 - 15 may 1963	1963
19660091005	Long-range acoustic propagation study - summary	1963
19660091023	Mercury/Atlas Launch Vehicle Program for Nasa Project Mercury Progress Report, 31 Dec. 1962 - 31 Jan. 1963	1963
19660091027	Inelastic columns subjected to pulse loading	1963
19660091028	Direct decay half-life measurements of isomeric states of hf178, hf179, and yb177	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091029	Design of an automatic flux level control system for the agn-201 reactor	1963
19660091039	Superconducting characteristics of thin tin films in contact with copper films	1963
19660091041	The circumferential propagation process for the magnetization of tape wound cores	1963
19660091042	Moving striations in a very low current neon glow discharge	1963
19660091054	Visual analysis of data from arrays at the wichita mountains seismological observatory	1963
19660091061	The use of an oblique ionosphere sounder to control frequency selection of a test communication circuit	1963
19660091076	Design study of a rarefied gas dynamics and heat transfer chamber	1963
19660091092	A spectroscopic investigation of an argon glow discharge	1963
19660091104	Aircraft Requirements in Support of Future Nasa Manned Space Flight Recovery Operations	1963
19660091129	A statistical examination of the 500-mb 48-hr prognoses prepared by fleet numerical weather facility, monterey, california	1963
19660091136	C-band antennas for 624a	1963
19660091143	Solution of a problem of optimal control utilizing pontryagin's maximum principle	1963
19660091146	Application of the chisholm-laird two phase flow correlation to flow of varying quality	1963
19660091153	An evaluation of cryogenic vacuum system design parameters	1963
19660091156	The elastic constants of tantalum tungsten and molybdenum	1963
19660091159	Radio frequency interference study, vanderberg afb, pt. arguello, and vanderberg tracking station phase 1 report	1963
19660091187	Behavior of stable oscillators in a space environment	1963
19660091193	Effects of silicon monoxide overlays on the normal to superconducting transition time in thin indium films	1963
19660091198	Electron spin resonance studies with superconducting magnets. the spectrum of dysprosium super 3 plus and samarium super 3 plus in calcium fluoride	1963
19660091211	The invariant property of maximum likelihood estimators	1963
19660091213	Production and analysis of lithium ion beams in the low electron volt region	1963
19660091220	Photographic investigation of reflected shock phenomena from decigram explosive charges	1963
19660091223	Studies of aerial cone penetrometer, field tests in fine-grained soils, 1960	1963
19660091229	Compilation of materials research data quarterly progress report no. 4, phase i, 1 mar. - 27 may 1963	1963
19660091231	Investigation and application of reverberation measurements in water	1963
19660091234	An investigation of a phase-locked loop demodulator modification to a conventional communications receiver	1963
19660091238	Properties of some energy levels in phosphorus-30	1963
19660091243	Digital computer program for flexural analysis of beams	1963
19660091273	Investigation of a radially vibrating, oil filled cylindrical ceramic transducer with a variable internal impedance and devoid of all forms of pressure release	1963
19660091277	The dielectric response of organic liquids at high frequencies	1963
19660091284	Programming a remote monitor and display system for a time sharing computer	1963
19660091300	On the use of a lyapunov function to determine logic for a saturating type control of a non-linear system	1963
19660091309	Appication of theoretical design methods to the study of performance limits of airfoils in cascade	1963
19660091315	Micrometeorite Analyzer for Mariner B Final Engineering Report	1963
19660091318	Five-channel scanning radiometer quarterly report no. 9, 15 oct. 1962 - 15 jan. 1963	1963
19660091324	Presentation - polaris/minuteman/pershing meeting on filament wound chambers	1963
19660091334	Asset, structural design criteria specification	1963
19660091337	Infrared spectrum of bromodiborane and attempted preparation of chlorodiborane for infrared study	1963
19660091339	A threshold criterion for phase locked loop design	1963
19660091345	Nasa System Design and Research Bimonthly Progress Report, 1 Feb. 1963 - 31 Mar. 1963	1963
19660091354	A method for three-dimensional flow analysis in a rotor using high speed digital computer	1963
19660091355	The performance of high power output axial flow turbines utilizing flows in the transonic regime	1963
19660091361	Signal and noise analysis and performance criteria for a quantized frequency modulation system	1963
19660091372	Transonic and supersonic wind tunnel test on the 20 percent scale model 151c pressure model in the mcdonnell polysonic wind tunnel series i	1963
19660091373	Transonic and supersonic wind tunnel test on the 20 percent scale model 151c pressure model in the mcdonnell polysonic wind tunnel series i	1963
19660091376	Design and construction of a modified rayleigh refractometer for the two-to-12 micron investigation of vapors	1963
19660091380	Helix-plasma coupling	1963
19660091382	Transonic and supersonic wind tunnel test on the 20 percent scale model 151c pressure model in the mcdonnell polysonic wind tunnel series i	1963
19660091397	Summary of sns performance	1963
19660091398	A compilation of technical data for honeywell pure fluid components	1963
19660091400	Aerodynamic characteristics of missile pieces - ws-133b minuteman	1963
19660091411	Plasma resonance in argon and neon	1963
19660091413	Comparsion of experimental stresses and deflections with those predicted by a strain energy method for an f8u-3 wing loaded in torsion	1963
19660091414	An analysis of the properties of two- dimensional incompressible fluid flow in the mixing chamber of a constant area ejector	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091422	Transonic and supersonic wind tunnel test on the 20 percent scale model 151c pressure model in the mc donnell polysonic wind tunnel, series i	1963
19660091425	Operation snowball project summaries	1963
19660091430	Component failure analysis reports	1963
19660091442	Construction and test of a cylindrical ceramic transducer of prestressed segmented design	1963
19660091443	Chemical luminescence	1963
19660091446	Reentry dynamics analysis of the asymmetrical rex-1 flexible reentry vehicle	1963
19660091450	Department of the army /da/ approved qualitative materiel development objective /qmdo/ for an anti-radiation missile	1963
19660091453	Studies in advanced penetration problems second semiannual progress report, nov. 25, 1962 - jun. 30, 1963	1963
19660091454	Dynamic analysis of the rex-3 reentry vehicle separation technique	1963
19660091455	Preliminary rex-3 reentry vehicle data acquisition plan	1963
19660091459	Titan ii toxic sources	1963
19660091460	Re-entry radiation measurements. preliminary report - rex-2/atlas 135 f	1963
19660091465	Weapon system 107a-2. titan ii missile n-9 flight test final report	1963
19660091469	Studies in advanced penetration problems semiannual progress report no. 2, 25 nov. 1962 - 30 jun. 1963	1963
19660091470	Studies in advanced penetration problems second semiannual progress report, nov. 25, 1962 - jun. 30, 1963	1963
19660091471	Radar cross section measurements of tvx vehicle 274 /21/	1963
19660091472	Booster reorientation attitude control system for minuteman mark 11-11a in-line penetration aids spacer	1963
19660091481	Titan failure reports	1963
19660091491	Titan ii missile n-13 flight test final report	1963
19660091494	Performance evaluation of the 25 piga accelerometer	1963
19660091499	Inlet design and development for supersonic combustion ramjets	1963
19660091505	Wing i, category iii flight demonstration no. 2 - ftm-546	1963
19660091508	Studies in advanced penetration problems quarterly letter report no. 5, 1 apr. - 30 jun. 1963	1963
19660091510	Studies in advanced penetration problems second semiannual progress report, nov. 25, 1962 - jun. 25, 1963	1963
19660091516	Program 706. task 1 - radar development second quarterly progress report	1963
19660091519	Guidance study, landing force support weapons system-zrgm-59a-taurus missile. inertial guidance system, volume 2	1963
19660091525	Wing i, category iii, flight demonstration no. 1 - ftm 521	1963
19660091526	Radar techniques study, array thinning techniques third quarterly status report, 1 apr. - 30 jun. 1963	1963
19660091530	Studies in advanced penetration problems second semiannual progress report, 25 nov. 1962 - 25 jun. 1963	1963
19660091532	Series d atlas r and d program operation summaries, volume ii	1963
19660091542	Titan ii missile n-12 flight test final report	1963
19660091545	Precision altimeter techniques study /pats/ final report, jun. 1962 - jun. 1963	1963
19660091569	Deadbeat response in second order feedback control systems	1963
19660091570	Automatic multivariate normal step-wise regression analysis	1963
19660091571	Side-looking radar	1963
19660091577	A summary of literature pertaining to vlf and elf propagation. volume iii - index	1963
19660091582	Liquid fluorine applications	1963
19660091586	Optimal control of second order oscillatory systems with zeros	1963
19660091592	A comparison between steepest ascent and differential correction optimization methods in a problem of bolza, with a method for obtaining starting values for the adjoint variables from a nominal path	1963
19660091593	Discrimination procedures, small sample performance	1963
19660091607	Titan ii exhaust duct acoustic liner thermal studies report	1963
19660091616	The silicon controlled rectifier - an analysis of its use in a parallel inverter	1963
19660091618	Analysis and design of sinusoidal parameter perturbation adaptive control systems	1963
19660091621	Preliminary analysis for manned orbiting space station, volume ii	1963
19660091623	A comparison of two methods for solution of the problem of bolza	1963
19660091634	Orbital space station evaluation program status report for period ending 1 sep. 1963	1963
19660091643	Experimental study of stresses in welded joints	1963
19660091644	Theoretical analysis of two-core self-saturating magnetic amplifiers	1963
19660091653	The behavior of air bubbles in acoustic fields	1963
19660091655	Ultrasonic measurements in manganese fluoride in the region of the neel temperature	1963
19660091656	A study of the effect of space charge on the dielectric and conductive properties of an insulating fluid	1963
19660091657	A survey of branching processes	1963
19660091658	Sturm's theorem and the zeros of a solution to a differential equation	1963
19660091663	Interactions of 1.15 bev/c k mesons in emulsion	1963
19660091666	Saturn v system design, programming and data adapter design evaluation monthly progress report, nov. 1963	1963
19660091668	Transonic and supersonic wind tunnel test on the 20 percent scale model 151c pressure model in the mcdonnell polysonic wind tunnel, series i	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091669	Measurement of the scattering matrix of obstacles in multimode wave guides	1963
19660091670	Use of sporicides and heat to sterilize resins	1963
19660091671	Generation and measurement of short electrical and acoustic pulses erzeugung und messung kurzer elektrischer und akustischer impulse	1963
19660091683	Preliminary Analysis for Manned Orbiting Space Station	1963
19660091693	Study of methods for inspection of large solid propellant motors monthly status report, 1-31 jan. 1963	1963
19660091699	Effects of pulsed nuclear radiation on missile guidance electronics	1963
19660091703	Quick-look post flight report, evaluation launch and flight test from launcher no. 1, tf-1, of missile v-1	1963
19660091725	Liquid rocket presentation for nasa office of advanced manned space flight vehicles studies	1963
19660091726	Quick-look post flight report, evaluation launch and flight test from launcher no. 1, tf-1, of missile v-4	1963
19660091739	First technical note on phase iii superresolution studies	1963
19660091740	Aerospace propulsion program midterm report, 1 oct. 1962 - 31 mar. 1963	1963
19660091741	Launch flexibility study. phase i - air force space booster launch capabilities and constraints at amr and pmr	1963
19660091743	X-20 test instrumentation subsystem technical progress report no. 23	1963
19660091759	The development of gas lubricated bearings for use in blower and fan motors, part ii final development report, 7 jun. 1962 - 7 jun. 1963	1963
19660091764	Statistical analysis of wake width measurements	1963
19660091777	Individual motor report. m55 wing i minuteman operational quality assurance rocket motor m55 0101087 qa-10	1963
19660091783	Guidance studies, volume ii first quarterly progress report	1963
19660091792	Redglare/sea star communication payload systems study interim report, dec. 1961 - sep. 1963	1963
19660091794	Synthesis of high energy solid oxidizer binder propellants quarterly progress report no. 4, apr. - jun. 1963	1963
19660091795	Exploratory development programs on solid propellants being conducted within the army materiel command fifth annual analytical review, feb. 1962 - aug. 1963	1963
19660091796	Research on high energy oxidizers for advanced solid rocket propellants monthly progress report, aug. 21 - sep. 20, 1963	1963
19660091797	Internal waves and their attached slicks	1963
19660091801	The safe processing of high specific-impulse propellants subject report, oct. 1 - dec. 31, 1963	1963
19660091820	Experimental performance evaluation of very-low and ultra-low thrust pulsing gas reaction jets	1963
19660091827	Titan iii booster	1963
19660091851	Mach 10 heat transfer and pressure test of the ad-609m-2, a .05 scale model of the x-20 dyna-soar glider data report	1963
19660091852	Hotshot 2 hypervelocity heat transfer rate and pressure test on the ad-463 m-3 model, a .200 scale model of the nose, forward of station 154.2 of the x-20 dyna-soar 2005 configuration, at m equals 19 and 22 data report	1963
19660091858	A comparative parametric performance analysis of vto and hto launch modes for aerospace vehicles	1963
19660091921	Supplement to quarterly progress report no. 5, high pressure rocket engine feasibility program	1963
19660091939	Journal of missile defense research, volume i, no. i	1963
19660091941	A hydrographic extinction and temperature measuring apparatus ein hydrographisches extinktions und temperature-messgeraet	1963
19660091942	Monochromatic reflectance test - lgm-30e	1963
19660091944	Research into the feasibility of eliminating pulmonary ventilation as a necessity for continuation of aerobic cellular metabolism final report	1963
19660091991	Imposed high frequency vibrations and their effect on conventional grinding of high thermal resistant materials final report, 2 oct. 1959 - 15 nov. 1962	1963
19660091994	Construction and operation of a steady state plasma study facility	1963
19660091998	Kinematics of atomic charge-transfer collisions	1963
19660092011	Detailed test plan 1205-2	1963
19660092019	Mission Guidance and Energy Management Analysis Report, Model No. X-20A	1963
19660092020	Thrust chamber. fuel-air equivalence ratio control for the model ma117 one pps lace engine technical documentary report, 1 oct. 1962 - 30 nov. 1963	1963
19660092029	Evaluation of a water decontaminator on a liquid air cycle engine technical documentary report, 1 oct. 1962 - 30 nov. 1963	1963
19660092031	Transonic local and integrated booster buffet loads on a 6.67 percent model of the 624a vehicle with x-20 and bulbous payloads volume i - summary	1963
19660092060	Atlas/centaur progress report, 30 september - 11 october 1963	1963
19660092093	Development of a coaxial plasma gun for space propulsion monthly progress report, period ending 31 jul. 1963	1963
19660092143	Evaluation launches and flight tests from launcher number 1, tf-1, on missiles v-1 and v-4	1963
19660092144	Wide band phased arrays semiannual report, 1 jan. - 30 jun. 1963	1963
19660092154	Studies of the sensitivity of calculated hypersonic flow field electron density levels to the chemical rates used	1963
19660092155	The minuteman inertial guidance system repair simulation	1963
19660092190	Reinforced plastic laminates for long time high temperature use monthly letter report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092193	Development of a 2 kw arc-jet thruster third monthly progress letter report, 1-30 apr. 1963	1963
19660092196	Metallurgical characteristics of high strength structural materials first quarterly report	1963
19660092223	Field enhancement techniques for the generation of microwave phonons	1963
19660092226	Emergency airborne escape summary, first and second quarters, calendar year 1963	1963
19660092261	Atlas/centaur bimonthly progress report, 11 may - 10 jul. 1963	1963
19660092281	Aerodynamic pressures and loads - ws133b - minuteman, volume iii	1963
19660092326	The logarithmic derivative of a function of a complex variable	1963
19660092327	Physical and chemical properties of organohalogen compounds - trichlorofluoromethane /freon-11/. dichlorodifluoromethane /freon-12/. dibromotetrafluoroethane /freon-114b2/	1963
19660092353	Thin films - comparison of deposition methods	1963
19660092355	Machine calculations of energy transfer phenomena in a bombarded lattice	1963
19660092376	Hf communications experiment description, operation dominic, fish bowl series	1963
19660092383	Study and improvement of the s-1 photoemissive surface quarterly report, 6 aug. - 31 oct. 1963	1963
19660092426	Passive surveillance techniques study final report	1963
19660092429	Program 823 range safety report	1963
19660092443	Evaluation study - filters' six-transfer series v relay	1963
19660092459	Preliminary design specification for rex-3 vehicle	1963
19660092470	Aerodynamic characteristics of the rex vehicles	1963
19660092535	The performance of high power output axial flow turbines utilizing flows in the transonic regime, appendix v	1963
19660092539	Research-engineering and support for tropical communications semiannual report, 1 mar. - 31 aug. 1963	1963
19660092540	Machine calculations of energy transfer phenomena in a bombarded lattice	1963
19660092573	Char layer heat conduction program	1963
19660092574	Chemically reacting boundary layer and ablation program	1963
19660092593	Development of Improved Heat Sterilizable Potting Compounds Second Quarterly Report, 1 Oct. - 31 Dec. 1963	1963
19660092599	Design concepts for minimum weight, high performance supersonic aircraft structures. volume i - structural design and analysis technical documentary report, 1 apr. 1962 - 15 sep. 1963	1963
19660092607	Application of potentiostatic and galvanostatic techniques to the study of intergranular corrosion in high strength aluminum alloys third progress report, jun. 1961 - dec. 1962	1963
19660092624	Landing impact, exhibit a monthly progress report no. 4, 1-30 nov. 1963	1963
19660092649	Elastomeric gasket materials development for cryogenic applications annual summary report, 25 jul. 1962 - 25 apr. 1963	1963
19660092667	Integrated engine for spacecraft monthly progress report, jun. 18 - jul. 18, 1963	1963
19660092674	Electromagnetic alkali metal pump research program monthly project status reports, oct. 27 - nov. 27, 1963	1963
19660092697	Molecular changes in polyamide and elastomeric polymers due to nuclear, ultraviolet and thermal radiation progress report, 16 dec. 1962 - 15 jun. 1963	1963
19660092702	Screening test program for evaluation of the stress corrosion susceptibility of alloys under consideration for application as skin material sixth quarterly progress report	1963
19660092736	Research on high temperature-resistant seal and sealant materials for the supersonic transport fourth quarterly technical report, 1 sep. - 30 nov. 1963	1963
19660092742	Design concepts for minimum weight high performance supersonic aircraft structures. volume ii - manufacturing final report	1963
19660092743	A study of twist and camber on wings in supersonic flow fourteenth monthly progress report, jun. 1963	1963
19660092750	Reinforced plastic laminates for long time high temperature use. aromatic amides and pyromellitimides second interim technical report, 1 oct. - 31 dec. 1962	1963
19660092762	White sands missile range optical data summary. test sr 015	1963
19660092763	System test objectives. program 479a mission no. k-20 vafb, california	1963
19660092777	Performance of the rex reentry vehicle heat shield in the exhaust of a large rocket engine	1963
19660092788	Proposal for program definition study. initial satellite communications control center and associated equipment. volume i - detailed design plan	1963
19660092815	The effect of radiation on liquid hydrogen and metal hydrides	1963
19660092816	Study of the transformational characteristics and the weldability of hy-80 steel final technical report	1963
19660092861	Plastics for hull vibration damping annual report, 16 sep. 1961 - 15 oct. 1962	1963
19660092864	Methods for optimizing the assignment of functions within a matrix, with applications to the ogo command relay matrix	1963
19660092866	Weight notation system, standard for final report	1963
19660092907	Self-sealing structures for control of the meteoroid hazard to space vehicles sixth quarterly report, 1 jul. - 30 sep. 1963	1963
19660092910	Pershing guidance and control system group iii flight test summary and analysis	1963
19660092911	"one-color" temperature determinations	1963
19660092914	Spectrum signature measurements	1963
19660092942	Neutron reflection and flux versus depth for iron	1963
19660092943	Neutron reflection and flux versus depth for water, with an appendix - comparison with results of national bureau of standards	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092966	Nondestructive Testing Procedure for Algol 11A and Algol 1D Mod 2 Motors	1963
19660092968	New and improved materials for expandable structures progress report no. 6, 1 nov. 1962 - 1 feb. 1963	1963
19660092969	Leak tests of narmco 7343 and fm-1000 adhesives	1963
19660092971	Relay qualification test, number e-240	1963
19660092983	High temperature structural systems	1963
19660092992	Report of trip to excelco developments inc. to inspect the 120 inch motor case, 11-17 november 1963	1963
19660092993	High energy coaxial laser pumps	1963
19660092995	Ethylene-propylene rubber /epr/	1963
19660093001	Systems test objectives. reduced radar cross section program rex-3 flight test atlas 232-d	1963
19660093002	Missile 381/1166 flight test report	1963
19660093003	Project damp. detailed reentry report, amr test 1501	1963
19660093005	System test objectives. program 479a, mission no. k-32 vafb, california	1963
19660093006	Feasibility program of radar reflectors /chaff/ detailed flight test plan. atlas missile 137f	1963
19660093007	Missile 378/2353 flight test report	1963
19660093008	Advanced antipersonnel mechanisms semiannual project report no. 1, 24 sep. - 15 mar. 1963	1963
19660093038	Mariner mars-1966 study report	1963
19660093053	Qualification of relays test e-90 ge3saf1012 crystal can type	1963
19660093074	Re-evaluation of guardian 57000 series relay	1963
19660093083	Infrared for non-destructive testing and inspection	1963
19660093096	Oxidation of molybdenum, 550 deg. c to 1700 deg. c	1963
19660093099	Vafb/nmfpa radio frequency interference study	1963
19660093104	Missile n-27 translation system impact probability study	1963
19660093105	Gemini Launch Vehicle Monthly Performance Report	1963
19660093107	Gemini Launch Vehicle Monthly Performance Report	1963
19660093109	Damage assessment displays formulation of information requirements for display design	1963
19660093110	Minutes of the meeting of the working group on microwave devices	1963
19660093114	1206 orbit determination and data quality study	1963
19660093115	Gemini Launch Vehicle Monthly Performance Report	1963
19660093120	Gemini Launch Vehicle Monthly Performance Report No. 16	1963
19660093124	Gemini Launch Vehicle Monthly Performance Report No. 13	1963
19660093134	Gemini Launch Vehicle Monthly Performance Report No. 15	1963
19660093136	Radar cross section measurements on the full scale mark iv and mark vi re-entry vehicles	1963
19660093144	Damage assessment displays formulation of information requirements for display design	1963
19660093146	Weapon system 107a-2. titan 11 missile n-11 flight test final report	1963
19660093147	Flight test no. 6, phase 11, part a, paraglider development program	1963
19660093223	Tm-76a reliability improvement test and evaluation /rite/	1963
19660093226	Feasibility program of radar reflectors /chaff/ atlantic missile range flight test atlas 137f data and support requirements	1963
19660093227	Acoustic noise program, phase ii interim report, dec. 1962 - dec. 1963	1963
19660093230	Space transport system study	1963
19660093235	Optical monitoring data summary report - polar route, pmr test 1536	1963
19660093236	Weapon system 133a - minuteman mark 11-11a penetration aids program quarterly progress report, 1 apr. - 30 jun. 1963	1963
19660093237	Characterization and evaluation of light metal hydrides quarterly progress report no. 1	1963
19660093243	Corrosion test loop development monthly status report, 15 jul. - 15 aug. 1963	1963
19660093262	Addendum ii to model report 1/24-scale force model f-111 modified proposal configuration	1963
19660093274	White sands missile range downrange optical observation report for test sr 014	1963
19660093276	Site iii discrimination tests and low-angle icbms	1963
19660093277	Wing ii, category i/ii launch demonstration - ftm 625 - flight test report	1963
19660093291	Nerva program informal progress letter no. 23, may 1963	1963
19660093317	Qualification tests on crystal can relays /10106248/	1963
19660093330	Microbiological investigations technical documentary report, jul. 1962 - jun. 1963	1963
19660093343	Space technology laboratories detailed test objectives for ws 107c lot n appendix xiv	1963
19660093344	Space technology laboratories detailed test objectives for ws 107c lot n addenda to appendix xiv	1963
19660093359	High performance reliable vlf component of the naval advanced communications system. the performance of some modulation and coding methods applicable to vlf communication systems	1963
19660093360	High performance reliable vlf component of the naval advanced communications system. the tapered corona-limited monopole	1963
19660093361	High performance reliable vlf component of the naval advanced communications system. measurement of vlf system performance in atmospheric noise	1963
19660093382	High performance reliable vlf component of the naval advanced communications system. volume i - vlf corona discharge study and its application to a transmitting monopole	1963
19660093390	Preliminary comparative evaluation of wire wound and film type trimmer potentiometers	1963
19660093424	Survivable low-frequency communications system /487-l/ final engineering report	1963
19660093425	Survivable low-frequency communications system /487-l/ final engineering report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093426	Survivable low-frequency communications system /487-l/ final engineering report, 25 mar. - 31 aug. 1963	1963
19660093428	Advanced technology program technical development plane for light weight turbine engine	1963
19660093431	Radar wake data	1963
19660093432	Metallized gelled propellants conference	1963
19660093434	Radar cross section measurements on the mark iv and mark vi decoys	1963
19660093435	Radar cross section measurements on the mark iv and mark vi decoys	1963
19660093436	Space technology laboratories flight planning trajectory xsm-68b missiles at pmr trajectory v	1963
19660093440	An investigation of tracking, telemetry, and command systems susceptibility to radio interference first interim engineering report, 1 jul. - 1 aug. 1963	1963
19660093442	Operation of the power information center annual report, 1 aug. 1962 - 31 jul. 1963	1963
19660093444	Radiographic examination of minuteman second stage missile motor and closure	1963
19660093445	Vlf envelope timing experiment first quarterly progress report, 7 jun. - 7 sep. 1963	1963
19660093451	Procedures for introducing and documenting changes to scf computer programs, revision no. 1	1963
19660093452	Development of welding procedures and filler materials for joining high strength low alloy steels first quarterly progress report, 15 jun. - 15 sep. 1963	1963
19660093477	Documentation list for saturn stage s-ii	1963
19660093492	Nasa 396 inch diameter aluminum bulkhead - phase i - design, phase ii - tool fabrication, phase iii - gore segment fabrication progress report no. 6, period ending 31 jan. 1963	1963
19660093493	Nasa 396 inch diameter aluminum bulkhead - phase i - design, phase ii - tool fabrication, phase iii - gore segment fabrication progress report no. 10, period ending may 31, 1963	1963
19660093504	Evaluation of Post-Operative Destruct System Concepts	1963
19660093505	F-1 engine system monthly progress letter, period ending 30 nov. 1963	1963
19660093508	F-1 engine system monthly progress letter, period ending 31 oct. 1963	1963
19660093509	F-1 engine system monthly progress letter, period ending 30 sep. 1963	1963
19660093510	Summary of the evaluation of control system parameter sensors for advanced lace and air collection systems technical documentary report, 1 oct. 1962 - 31 oct. 1963	1963
19660093512	Valve-closed hyperjet thrust chamber throttling evaluation technical documentary report, 18 jun. - 7 aug. 1963	1963
19660093516	F-1 engine system monthly progress letter, period ending 31 aug. 1963	1963
19660093520	Str-riir integration program final report	1963
19660093538	Solar radiation and its effect on space communications	1963
19660093540	Application of statistical methods to transient vibration analysis	1963
19660093542	Nasa 396 inch diameter aluminum bulkhead progress report no. 15, period ending 31 oct. 1963	1963
19660093543	Nasa 396 inch diameter aluminum bulkhead progress report no. 14, period ending 30 sep. 1963	1963
19660093544	Research on base heating of rocket motor vehicles using shock tube techniques monthly progress report no. 34, 1 - 30 sep. 1963	1963
19660093545	Nasa 396 inch diameter aluminum bulkhead progress report no. 13, period ending 31 aug. 1963	1963
19660093549	Nasa 396 Inch Diameter Aluminum Bulkhead Progress Report No. 16, Period Ending 30 Nov. 1963	1963
19660093557	Research on base heating of rocket motor vehicles using shock tube techniques monthly progress report no. 33, 1-31 aug. 1963	1963
19660093569	Nasa 396" diameter aluminum bulkhead progress report no. 9, period ending apr. 30, 1963	1963
19660093570	Nasa 396" diameter aluminum bulkhead progress report no. 5, period ending 31 dec. 1962	1963
19660093571	Nasa 396" diameter aluminum bulkhead progress report no. 7, period ending 28 feb. 1963	1963
19660093572	Nasa 396" diameter aluminum bulkhead progress report no. 8, period ending mar. 31, 1963	1963
19660093633	Some characteristics of a family of body/blast encounters internal report no. 16	1963
19660093656	Mark 6 mod 2 decoy program detailed flight test plan for sounding-rocket tests /task 1.2 - advanced decoys for blunt re-entry vehicles - rest program/	1963
19660093658	Environment of the moon, mars, and venus preliminary draft	1963
19660093748	Linear and nonlinear pseudo-random sequences	1963
19660093789	Study for improvements of temperature measurements with thermistors in high altitudes final report	1963
19660093803	Preliminary report on the nrl 1963 radiation dosimeter experiment flown in satellite 1963 - 21d	1963
19660093834	A fused quartz microbalance study	1963
19660093857	Computer set an/gsq-16 /xw-2/. volume 1 - the mark ii language processing system final report	1963
19660093858	Computer set an/gsq-16 /xw-2/. volume ii - the linguistic approach final report	1963
19660093859	Computer set an/gsq-16 /xw-2/. volume iii - the system organization final report	1963
19660093860	Computer set an/gsq-16 /xw-2/. volume iv - the reference manual for lexicographers final report	1963
19660093861	Computer set an/gsq-16 /xw-2/. volume v - the system technical description. section 1 - photostore final report	1963
19660093862	Computer set an/gsq-16 /xw-2/. volume v - the system technical description. section 2 - search and analysis logic final report	1963
19660093863	Computer set an/gsq-16 /xw-2/. volume v - the system technical description. section 3 - sentence analyzer memory final report	1963
19660093864	Computer set an/gsq-16 /xw-2/. volume v - the system technical description. section 4 - output control unit final report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093865	Computer set an/gsq-16 /xw-2/. volume v - the system technical description. section 5 - operator and maintenance console final report	1963
19660093866	Computer set an/gsq-16 /xw-2/. volume v - the system technical description. section 6 - power supplies and sequencing final report	1963
19660093867	Computer set an/gsq-16 /xw-2/. volume v - the system technical description. section 7 - film printer final report	1963
19660093868	Computer set an/gsq-16 /xw-2/. volume v - the system technical description. section 8 - q-pac tester final report	1963
19660093869	Computer set an/gsq-16 /xw-2/. volume v - the system technical description. section 9 - an automatic processor for photographic storage discs final report	1963
19660093875	Identifying key contributions to information science	1963
19660093876	The medium-sized information service, its automation for retrieval	1963
19660093909	Liquid oxygen and fuel prevalves for nasa saturn program sixteenth monthly progress report, oct. 1-31, 1963	1963
19660093939	Reliability verification test procedure to verify buweps part number 1960948-02-003 relay, magnetic latch by testing specimen 1960948-02-003	1963
19660093970	Statistical methods for structural reliability analysis	1963
19660093992	Semiconductor device, voltage reference diode by test specimens 1960908-01c1, 1960908-01c13	1963
19660094025	Moisture resistance and vibration tests of crossmated cannon kpt /soldered/ and bendix pt-p /soldered/ connectors	1963
19660094036	Mechanical properties of titanium alloys	1963
19660094039	Fine attitude control system study, part 1 final report	1963
19660094077	Use of a three-dimensional target model to examine contact groundburst fuzing systems	1963
19660094078	Radar cross section measurements of press/tvx vehicle 249 /23/ final report	1963
19660094079	Aerospace propulsion system sensitivity analysis	1963
19660094080	Effects of chemical air separators on aerospace propulsion systems	1963
19660094081	Static radar cross-section measurements of rex-3	1963
19660094085	Manned Orbiting Station and Alternatives, Volume 1	1963
19660094086	Manned Orbiting Station and Alternatives, Volume II	1963
19660094087	Manned Orbiting Station and Alternatives, Volume IV	1963
19660094094	Radar measurement data reports amr test 119 and amr test 1501	1963
19660094095	Titan flight test directive change notice	1963
19660094133	Qualification of relays, test e-92, s-d fc-215 crystal can type	1963
19660094144	Evaluation of crystal can relays	1963
19660094174	Hypersonic research wing - a study of the pressure and the transfer distribution on highly swept slab delta wings in hypersonic flow	1963
19660094175	Hypersonic research wing supplement b - heat transfer measurements on four wings at mach numbers of 3.97 and 4.56	1963
19660094197	Feasibility study of a high capacity distillation separator for an air enrichment system /experimental and analytical program/	1963
19660094198	Flight simulation study for space missions utilizing solid propellant concepts final report	1963
19660094199	Unmanned rendezvous satellite inspection system study, volume 1 final report	1963
19660094201	Unmanned rendezvous satellite inspector system study	1963
19660094202	Syracuse test facility detection radar subsystem test report	1963
19660094212	Scale-model heat-transfer tests of the nerva nozzle-cy 1962	1963
19670000860	Space technology studies program	1963
19670000861	Project study of postal missiles	1963
19670000862	Research problems of space travel	1963
19670000863	Stipulations of the international telecommunications agreement concerning military radio stations	1963
19670000864	Report on the observations made by the Pleumeur-Bodou Space Telecommunication Station on the various orbital-positioning phases of Syncom II	1963
19670000865	Report on French space research	1963
19670000876	The stability of orthotropic cylindrical shells	1963
19670008543	Preliminary investigations concerning the hypersonic glider	1963
19670022278	The supersonic-transport program	1963
19670022279	Objectives and guidelines of the NASA SUPERSONIC-TRANSPORT feasibility studies	1963
19670022280	Summary of initial NASA SCAT airframe and propulsion concepts	1963
19670022281	Summary of Lockheed SCAT feasibility studies	1963
19670022282	Summary of Boeing SCAT feasibility studies	1963
19670022283	NASA summary and assessment of feasibility- study results	1963
19670022284	Analysis and correlation of aircraft wave drag	1963
19670022285	Application of wing warp and aerodynamic interference to improve supersonic performance	1963
19670022286	Studies of skin friction at supersonic speeds	1963
19670022287	Some factors affecting turbulent skin friction at supersonic speeds	1963
19670022288	Configuration effects of the characteristics of delta-wing supersonic transports	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670022289	Stability and high-lift studies applicable to variable-sweep supersonic-transport configurations	1963
19670022290	NASA Wing Planform Studies	1963
19670022291	Lateral-directional stability studies at supersonic speeds	1963
19670022292	Additional configuration approaches	1963
19670022293	Propulsion aspects of the supersonic transport	1963
19670022294	Study of an axisymmetric supersonic-transport inlet	1963
19670022295	Review of NASA exhaust nozzle research	1963
19670022296	Structural concepts and materials selection in the feasibility studies	1963
19670022297	NASA research on materials applicable to supersonic transports	1963
19670022298	Aeroelastic considerations	1963
19670022299	Configuration effects of sonic boom	1963
19670022300	Factors affecting community acceptance of the sonic boom	1963
19670022301	Engine and boundary-layer noise considerations	1963
19670022302	Operational factors in relation to supersonic- transport fuel requirements	1963
19670022303	Consideration of some airworthiness requirements for supersonic transports	1963
19670022304	Development of satisfactory handling qualities for a supersonic-transport configuration through simulator studies	1963
19670022305	A simulator study of the lateral directional handling qualities of two SCAT configurations in the landing approach	1963
19670022306	Piloting problems associated with the supersonic-transport mission profile	1963
19670022806	Static longitudinal and lateral stability control characteristics of a right triangular pyramidal lifting reentry configuration at Mach numbers from 2.36 to 4.65	1963
19670022813	Low-speed effects of high-lift devices on the aerodynamic characteristics of a supersonic transport model with outboard tails	1963
19670023225	Low-speed longitudinal stability characteristics of a supersonic transport configuration with variable-sweep wings employing a double inboard pivot	1963
19670028337	An analysis of two-impulse orbital transfer	1963
19670030582	A self consistent study of earth's radiation belts	1963
19670067702	Photovoltaic concentrator development Final report	1963
19670068418	Information Processing and Decision Making by Man. 1 - Limitations on Transmission Rate in Sequential Actions	1963
19670068945	Interim technical report of the work	1963
19670068951	SA-5 Saturn Technical Information Handbook, Volume I /U/	1963
19670068952	SA-5 Saturn Technical Information Handbook, Volume II /U/	1963
19670068954	SA-5 Saturn Technical Information Handbook, Volume IV /U/	1963
19670068955	SA-6 Saturn technical information handbook, volume I /U/	1963
19670068956	SA-6 Saturn Technical Information Handbook, Volume II /U/	1963
19670068957	SA-7 Saturn Technical Information Handbook, Volume I /U/	1963
19670068958	SA-7 Saturn Technical Information Handbook, Volume II /U/	1963
19670068959	SA-7 Saturn Technical Information Handbook, Volume III /U/	1963
19670068960	SA-7 Saturn Technical Information Handbook, Volume IV /U/	1963
19670068961	SA-7 Saturn Vehicle Data Book /U/	1963
19670068963	SA-9 Saturn Vehicle Data Book /U/	1963
19670069258	Structural analysis of Echo II Interim report	1963
19670069320	Combustion instability experience /U/ Final report	1963
19670070110	A Variance Study of Large Solid Rocket Clusters /U/	1963
19670071573	Research, development, and evaluation program to demonstrate performance and reliability of thermionic diode converters for naval nuclear reactors Quarterly status report, 26 Jun. - 30 Sep. 1963	1963
19670071574	Research, development, and evaluation program to demonstrate performance and reliability of thermionic diode converters for naval nuclear reactors Quarterly status report, 1 Oct. - 31 Dec. 1963	1963
19670071633	Generalized steady-state rocket engine performance equations and algorithms of solution	1963
19670071706	Ambient noise analysis of 3-component short period data recorded at Tonto Forest Seismological Observatory	1963
19670071911	Study of a manned Mars excursion module, volume II Final report, 21 May - 20 Nov. 1963	1963
19670072167	Light gas guns	1963
19670073844	An analytic study of man's inertial properties	1963
19670074269	Design, development and prototype fabrication of an area hydrogen detector Quarterly progress report, 5 Apr. - 30 Jun. 1963	1963
19670075068	Operational and simulation programs for post- flight mass point trajectory of multi-stage space vehicles Final report	1963
19670075865	A study of early manned interplanetary missions	1963
19670076205	Solar probe study. Volume VI - Reliability analysis and test plan Final report	1963
19670076945	Study of a manned Mars excursion module, volume I, part II Final report, 21 May - 20 Nov. 1963	1963
19670077223	Study of a manned Mars excursion module, volume 1, part 1 Final report, 21 May - 20 Nov. 1963	1963
19670077911	Report on the investigation into the feasibility of a flat gas discharge matrix with associated circuitry	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079809	Special study of the research and development effort required to provide a U. S. lunar construction capability. Volume II - Technical data Interim report	1963
19670080060	Computing notes on Mercury mission /MA-9/	1963
19670080121	Real-time telemetry processing system used for feasibility study	1963
19670081535	Strain gage application handbook	1963
19670081941	Theoretical performance of electrostatic thrusters with analytic space-charge flows	1963
19670082097	Early manned interplanetary mission study	1963
19670083114	Miros progress letter no. 7, november 20, 1963 - december 20, 1963	1963
19670083246	A program of ion source research and development monthly progress report, apr. 1963	1963
19670083247	A Study of Bonding Between Glass and Plastic in Glass-reinforced Plastics, Phase i Quarterly Progress Report, 1 Jun. - 31 Aug. 1963	1963
19670083248	A study of bonding between glass and plastic in glass-reinforced plastics, phase i quarterly progress report, 1 sep. - 30 nov. 1963	1963
19670084112	Review of u. s. standard atmosphere, 1962, sponsored by the national aeronautics and space administration, united states air force, and united states weather bureau, u. s. government printing office, washington 25, d. c.	1963
19670084155	Future Unmanned Exploration of the Solar System	1963
19670084177	Ogo attitude control system studies on the air-bearing simulator	1963
19670085176	Thermal Contact Resistance in a Vacuum Environment	1963
19670085372	Computer requirements for principal aracon programs in future tiros operations	1963
19670085373	Final report - phase b	1963
19670085685	Static inflation tests balloon number 16 supplementary report, nov. - dec. 1963	1963
19670085714	Mechanical and geometric properties of the balloon material - passive reflector material test program	1963
19670085717	Passive reflector material test program balloon segment measurements final report, phase a	1963
19670085735	An evaluation of optical methods for tracking and communications in support of apollo lunar missions	1963
19670085779	Fundamental Studies on the Synthesis of Heat-resistant Polymers Status Report, 4 Aug. - 15 Nov. 1963	1963
19670085984	Sterilizable silver-zinc battery	1963
19670086058	Testing the Surveyor Spacecraft in Simulated Transit and Lunar Environments	1963
19670087140	Utilization of Extraterrestrial Resources	1963
19670087689	Ets-1 fluid requirements addendum	1963
19670087767	Nerva Program Informal Monthly Progress Letter No. 27, Sep. 1963 to AEC NASA Space Nuclear Propulsion Office Nerva Program	1963
19670087784	Electrical power conditioning for solar- powered brayton-cycle power-conversion systems	1963
19670087791	Reliability verification test procedure to verify buweps part numbers 2360024- 120001 filter by testing specimens 2360024-120001	1963
19670087895	Space handbook for aerospace operations course	1963
19670087896	Focusing optics for intense laser sources	1963
19670087897	Hypersonic research wing - a study of the pressure and heat transfer distribution on highly swept slab delta wings in hypersonic flow	1963
19670087898	Magnetohydrodynamics and energy conversion technical status report no. 12, period ending 31 aug. 1963	1963
19670087911	Scout Training Manual. Volume 1 - Mechanical Systems	1963
19670087912	Scout Training Manual. Volume 2 - Electrical Systems	1963
19670087929	Qualification test for filtron part no. fa-7207	1963
19670087960	General specification for parameter drift screening	1963
19670087982	Development , engineering, construction, installation and testing of the green pine phase ii project monthly progress report, 21 mar. - 20 apr. 1963	1963
19670087991	Environmentally adapted, single stage intensifier image orthicon Final report	1963
19670087992	A fused quartz microbalance	1963
19670088020	Photoelectron limited integrating image intensifier tubes interim report, 1 jun. - 31 aug. 1963	1963
19670088049	Experimental evaluation of transpiration and ablatively cooled leading edge models designed for hypersonic flight	1963
19670088092	Secondary Injection Thrust Vector Control Study Monthly Progress Report, Oct. 1963	1963
19670088106	Performance of saturated cryogenic gaseous hydrogen in thrust nozzles	1963
19670088117	Data transmission investigation quarterly progress report, 11 sep. - 10 dec. 1963	1963
19670088250	Neutron-flux and gamma-dose measurements at the wrair reactor	1963
19670088256	Study of image-evaluation techniques interim engineering report, 15 aug. - 15 dec. 1963	1963
19670088282	Properties of rare-earth and columbium-treated hy-80 steel plates research and development report	1963
19670088299	A star magnitude calibration for the oao star tracker	1963
19670088352	Wing pivot designs, exhibit "e" quarterly technical report, jul. - sep. 1963	1963
19670088469	Supersonic combustion ramjet engine control sensitivity study	1963
19670088516	Castor ii rocket motor status letter, 8 nov. - 8 dec. 1963	1963
19670088517	Castor ii rocket motor status letter, period ending 8 nov. 1963	1963
19670088574	Meteorological rocket network september 1963 firings	1963
19670088577	Investigation of resin modified two package wash primers	1963
19670088611	Exploratory studies on external cryogenic insulation	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088639	The gain of uniform arrays of isotropic sources and dipoles	1963
19670088673	Instrumentation and data reduction systems and techniques for the b-58a airplane dynamic response flight test program	1963
19670088691	Cy-1963 ramjet technology program, volume i quarterly progress report, 12 aug. - 3 nov. 1963	1963
19670088707	Resistor, variable, linear precision Final report	1963
19670088853	Protective Finishes for Space Vehicle Structures and Associated Flight Equipment, General Spec For.	1963
19670088882	Amendment 21, missile n-31 performance data report	1963
19670088884	Missile n-31 translation system impact probability study	1963
19670088888	Survey of hypervelocity impact information	1963
19670088890	Launch test directive 2303/384	1963
19670088891	Launch test directive 1163/383	1963
19670088898	Aerospace propulsion system simplification studies technical documentary report, 1 oct. 1962 - 30 nov. 1963	1963
19670088900	Review of sylvania's tr-08-63.7 "report of uhf propagation and ignition interference tests"	1963
19670088905	Topics in synthetic aperture ground mapping radar semiannual report, 1 jan. - 30 jun. 1963	1963
19670088921	Reentry analysis and modeling of target characteristics /ramtac/	1963
19670088947	Chatter analysis of medium-sized machine tools technical report, 1 sep. - 30 nov. 1963	1963
19670088953	Chatter analysis of medium-sized machine tools technical report, 1 jun. - 31 aug. 1963	1963
19670089056	Launcher maintenance and repair manual - Little Joe II	1963
19670089058	Apollo description manual for service propulsion system, test fixture no. 2, model F-2 NASA support manual	1963
19670089080	Launch vehicle description manual, launch vehicle 12-50 - Little Joe II	1963
19670089082	Measurement system maintenance and repair manual - Little Joe II	1963
19670089093	Command destruct system maintenance and repair manual - Little Joe II	1963
19670089098	Airframe transportation and handling manual, Launch vehicle 12-50-2 - Little Joe	1963
19670089101	LEM support plan	1963
19670089103	Apollo symbology survey report	1963
19670089104	Apollo transportation and handling procedures NASA support manual	1963
19670089112	Airframe transportation and handling manual - Little Joe II	1963
19670089115	Operations manual - Little Joe II TEST launch vehicle	1963
19670089116	Airframe maintenance and repair manual - Little Joe II	1963
19670089129	Site Data Processor - Down Telemetry Buffer	1963
19670089143	Apollo transportation and handling procedures	1963
19670089144	Apollo support equipment maintenance handbook, command module substitute unit /boilerplate/, model A14-002	1963
19670089146	Apollo support equipment maintenance handbook launch escape tower substitute unit, model A14-001	1963
19670089158	Apollo Description Manual for Boilerplate 23	1963
19670089166	Launch Vehicle Console GSE Manual, Little Joe II	1963
19670089170	Apollo support manual maintenance handbook. FDS control unit - SPS fuel model C14-445, part no. G17-852001 NASA support manual	1963
19670089171	Apollo support equipment maintenance handbook. FDS control unit - SPS oxidizer, model C14-444, part no. G17-852000 NASA SUPPORT manual	1963
19670089177	Apollo support equipment maintenance handbook - Radar transponder and recovery beacon checkout unit model C14-112 NASA support manual	1963
19670089186	Apollo requirements manual, integrated operational requirements, AFRM-011	1963
19670089208	Electrical system maintenance and repair manual - Little Joe II	1963
19670089213	Launcher maintenance and repair manual launch vehicle 12-50-2 - Little Joe II	1963
19670089214	Apollo support plan	1963
19670089217	Little Joe II high q qualification test vehicle checkout manual, volume III	1963
19670089220	Apollo support equipment maintenance handbook, antenna checkout group, model C14-032 (parts number G16-850400 and G16-850400-101)	1963
19670089231	Apollo launch escape system maintenance procedures /applicable to boilerplate 12 only/ NASA support manual	1963
19670089232	Apollo earth landing system maintenance procedures	1963
19670089242	Apollo basic drafting manual	1963
19670089246	Launch vehicle wire data manual - Little Joe II	1963
19670089252	Little Joe II high q qualification test vehicle checkout manual	1963
19670089265	Manned space flight program scheduling manual	1963
19670089268	Apollo combined systems maintenance manual applicable to boilerplate 12 only nasa support manual	1963
19670089272	Facilities drafting manual	1963
19670089565	Advanced technology studies and investigation for digital computers final report, feb. 1962 - mar. 1963	1963
19670089629	Weapon system 133a. minuteman mark ii mod 4a-1 reentry vehicle flight test plan	1963
19670089649	Documentation list for saturn stage s-ii	1963
19670089777	Compression flow characteristics of electric wire insulation	1963
19670089794	Qualification tests of a pressure bulkhead assembly lmsc-1396842-503 final report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089823	Effects of s-01a use of a 3 miniature integrating gyros /mig/ inertial reference package /irp/	1963
19670089906	X-22a tri-service v/stol aircraft monthly progress report, 1-28 feb. 1963	1963
19670089927	Reentry vehicle instrumentation program /rvip/ monthly letter report, 27 sep. 1962 - 30 mar. 1963	1963
19670089930	Functional description of the integrated doppler navigation system and associated shipboard navigating equipment for use with the navy's satellite navigation system	1963
19670089964	Radar discrimination technology semiannual technical summary report, 1 jul. - 31 dec. 1963	1963
19670089983	1/6.15-scale f-111 flow field survey model test report	1963
19670090004	Structural integrity of propellant grains final report, 21 jun. 1961 - 20 dec. 1962	1963
19670090029	Weapon system 133a	1963
19670090030	Athena payload resume	1963
19670090031	Systems test objectives advanced ballistic re-entry systems program wake analysis and control program, wac-3 flight test, atlas 5-e	1963
19670090032	Detailed flight test plan for mark 6 decoy assembly - titan ii n-31	1963
19670090033	Missile 386/1601 flight test report	1963
19670090034	Amr global support plan for titan iii space launching system /624a/ test program, program support plan 3700	1963
19670090035	Detailed optical re-entry report - atlas missile 70e /big flight/, pmr test 1618	1963
19670090036	Low observable reentry vehicle program detailed flight test and experimental plan subscale test vehicles s-3 and s-5	1963
19670090037	Rex-1 and rex-2 reentry vehicles additional flight test data analysis	1963
19670090064	Limitations on snap reactor concepts utilizing zrxh or yhx	1963
19670090067	Propulsion systems for high performance vtol aircraft	1963
19670090069	Model and test information report 1/22-scale f-111 dynamic stability derivative model	1963
19670090070	Loads and final analyses for the 1/22-scale dynamic stability derivative model in the langley 4-foot, 8-foot, and 7 x 10 tunnels	1963
19670090080	Acceptance test facility safeguards report	1963
19670090090	Four two five I equipment contractor. reliability/maintainability report, phase c	1963
19670090091	Program 706 phase o study. volume 1 - summary and oral presentation final report	1963
19670090092	Program 706 phase o study. volume ii - universal module - system analysis final report	1963
19670090093	Program 706 Phase O Study	1963
19670090094	Program 706 phase o study. volume vi - program plan final report	1963
19670090095	Investigation of radar resolution and discrimination techniques final technical summary report, 1 jan. - 29 nov. 1963	1963
19670090096	An investigation of a two-dimensional high resolution radar technique final technical summary report, 27 jun. 1962 - 31 nov. 1963	1963
19670090108	Ionization in afterburning rocket exhausts, part i final report	1963
19670090110	Aerodynamic characteristics of the blu-3 bomb	1963
19670090111	Effect of humidity on cmdb propellants progress report, dec. 1962 - jan. 1963	1963
19670090112	X 20a dyna soar program review	1963
19670090118	Titan III Launch Vehicle Study for Manned Orbital Research Laboratory Missions	1963
19670090132	Tab 50 program 162 launch test directive	1963
19670090133	Systems test objectives low observable reentry vehicle program lorv-1 flight test atlas 243-d	1963
19670090151	Cloud pattern interpretation letter status report, 28 feb. - 10 apr. 1963	1963
19670090168	Study of radiative aspects of lunar materials technical summary report	1963
19670090280	Electrolytic preparation of high dielectric thin films quarterly report, oct. - dec. 1963	1963
19670090308	Evaluation of crimp-insert type etched circuit board connector	1963
19670090344	Characteristics of light pulses from a spark gap at various ambient pressures	1963
19670090352	A study of manned mars landing and return mission monthly progress report, dec. 1963	1963
19670090379	Random vibration structural failure data	1963
19670090383	High-temperature semiconductor electronics	1963
19670090386	A novel computational technique for no- gimbal inertial guidance systems	1963
19670090402	High rate uniaxial failure tests final report	1963
19670090475	Statistics of cumuliform clouds from u-2 photographs final report	1963
19670090476	Research on criteria for selection of alloys and surface treatments for inhibition of tungsten oxidation. i. liquid formation as a function of oxidation of tungsten-cobalt alloys and mixtures progress report no. 1, jul. 1, - oct. 31, 1963	1963
19670090499	Model Stress Analysis for the Langley 4-Foot Unitary and 8-Foot Transonic Tunnels 1/24-Scale Model 12	1963
19670090500	Rapid strain rate to high strain tests final report	1963
19670090541	Handbook of instructions for aerospace vehicle equipment design	1963
19670090565	A new table of laplace transformation pairs	1963
19670090624	7.5 percent 624a ground wind and wind induced oscillation wind tunnel test preliminary report	1963
19670090656	Wear tests for candu pressure tube bearings	1963
19670090665	Technical description of the f-16 q-ball angle of attack transducer final technical summary report	1963
19670090707	Structural analysis 3.306 percent aerodynamic heating, model 624-a, appendix	1963
19670090740	Error analysis of inversion techniques monthly progress report, 11 aug. - 10 sep. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090748	Environmental evaluation of ten hermetically sealed pushbutton switches	1963
19670090749	Environmental evaluation of twelve hermetically sealed miniature snap action switches	1963
19670090750	Temperature shock and life test evaluation of twenty cts unsealed 3- pole, 3-position rotary switches	1963
19670090865	Re-entry environment and systems technology /rest/. volume ii - appendixes semiannual progress report, 1 jul. - 31 dec. 1962	1963
19670090872	Subsystem evaluation report, stp iii - h&d/wing ii, volume i	1963
19670090873	Reentry environment and systems technology /rest/. volume iii - mark 6 decoy studies semiannual progress report, 1 jan. - 30 jun. 1963	1963
19670090965	Optimal orbital transfer using the gradient technique analog computer study	1963
19670090989	Stress propagation in soils final report	1963
19670090990	Development of fabric base materials for space applications quarterly report, 1 jan. - 31 mar. 1963	1963
19670091017	Advanced thermoelectric air conditioning systems /phase i/ final report	1963
19670091067	Experimental verification of the input impedance of the coaxial undersea antenna	1963
19670091076	Gemini launch vehicle system structural design criteria report	1963
19670091108	Quarterly progress report - december 1962	1963
19670091111	[No Title]	1963
19670091112	[No Title]	1963
19670091113	[No Title]	1963
19670091114	[No Title]	1963
19670091126	Minuteman amr field test report ftm 435 flight test	1963
19670091136	[No Title]	1963
19670091137	[No Title]	1963
19670091155	Weapon system 133a	1963
19670091216	Current research for space travel - nutrition and food technology	1963
19670091219	Results obtained with an image converter camera in the study of radiation from hypersonic projectiles	1963
19670091307	Non-destructive test data on group "b" specimens from france of the a.g.a.r.d. program	1963
19670091309	The charring ablator concept, application to lifting orbital and superorbital entry	1963
19670091315	Investigation of active doppler velocity sensor quarterly engineering report no. 4, 1 mar. - 31 may 1963	1963
19670091328	Lanthanum hexaboride as a cathode material	1963
19670091375	Environmental evaluation of 16 5-pole, 3- position rotary switches	1963
19670091436	Environmental evaluation of eighteen 4-pole, 4-position rotary switches	1963
19670091546	Attitudes toward the moon race among opinion leaders and the general public	1963
19670091579	An evaluation of the radiation hazard due to solar-particle events	1963
19670091643	Preliminary study of radar return from blast areas	1963
19670091709	Investigation of an electrically-operated system to generate oxygen and absorb carbon dioxide summary report	1963
19670091787	Kick-stage study storable propellants with ablative cooled engines	1963
19670091790	Array radar studies	1963
19670091826	On synthetic aperture radar motion compensation study final report	1963
19670091878	Results of three years of aging of tp-h8041 propellant special report	1963
19670091914	Design considerations for synthetic aperture radar signal processors	1963
19670091973	Translational effects of blast waves	1963
19670092004	Materials study of protective coatings for gas turbine hot-section components engineering report	1963
19670092115	Surveillance inspection test of resistor, fixed, carbon film, molder of dipped, 1/2 watt	1963
19670092128	Surveillance inspection test on resistor, fixed, wirewound, power, ceramic, 10 watts	1963
19670092184	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/2 watt	1963
19670092227	Tests of h-21c helicopter rotor transmissions operated without oil	1963
19670092280	Milestone 4, msap tracking station operational computer program design specifications	1963
19670092300	Instruction manual for the pfm processing line of the satellite telemetry automatic reduction system /stars/	1963
19670092442	Semiannual program progress report, period ending december 31, 1963	1963
19670092466	Investigation of ranging techniques for ir track-while-scan research model	1963
19670092487	Aec-nasa space nuclear propulsion office nerva program informal monthly progress letter no. 19, jan. 1963	1963
19670092488	Aec-nasa space nuclear propulsion office nerva program informal monthly progress letter no. 20, feb. 1963	1963
19670092489	Aec-nasa space nuclear propulsion office nerva program informal monthly progress letter no. 21, mar. 1963	1963
19670092490	Aec-nasa space nuclear propulsion office nerva program informal monthly progress letter no. 22, apr. 1963	1963
19670092491	Aec-nasa space nuclear propulsion office nerva program informal monthly progress letter no. 25, period of jul. 1963	1963
19670092492	Aec-nasa space nuclear propulsion office nerva program informal monthly progress letter no. 26, for period aug. 1963	1963
19670092493	Aec-nasa space nuclear propulsion office nerva program informal monthly progress letter no. 30, for period dec. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092496	General electric studies on project comet, volume 1 final report	1963
19670092497	General electric studies on project comet, volume 2 final report	1963
19670092503	Evaluation of zophar mills wax no. 1463	1963
19670092664	Guide to circuit design, analysis, and reliability prediction	1963
19670092684	Development Hoses, Full Pressure Suit	1963
19670092773	Balanced modulator suppression characteristics	1963
19670092810	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/2 watt	1963
19670092827	Lightning protection of antenna systems	1963
19670092854	Lightning protection of antenna system	1963
19670092962	Surveillance inspection test on resistor, variable, wirewound, multiterm, linear, 0.7 watt	1963
19670092986	Surveillance inspection test on resistor, fixed, w/w, metal encased 15 watts	1963
19670092992	A recomp ii computer program for writing circuit matrix equations	1963
19670092996	Surveillance inspection test on resistor, fixed, wirewound, power, vitreous enamel, 3 watts	1963
19670093002	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/4 watts	1963
19670093007	Surveillance inspection test on resistor, fixed, carbon film, mo	1963
19670093031	Surveillance inspection test on resistor, fixed, composition, molded or dipped, 1/4 watt	1963
19670093071	Aerodynamically Significant Variables of the Upper Atmosphere	1963
19670093075	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1 watt	1963
19670093189	Volume percentage formula for multipin irradiation experiments	1963
19670093249	Effect of additional heating on aged 2219 aluminum	1963
19670093312	Evaluation of multiwax no. x-145a	1963
19670093327	Surveillance inspection test of resistor, fixed, composition, molder or dipped, 1/4 watt	1963
19670093448	Saturated hydrocarbon fuel cell program	1963
19670093500	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1963
19670093508	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/8 watt	1963
19670093513	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1963
19670093529	Saturated hydrocarbon fuel cell program	1963
19670093596	Semi-rigid or non-rigid structures for re-entry applications interim engineering progress report, 15 apr. - 15 aug. 1963	1963
19670093632	Investigation of the n-20 missile flight failures	1963
19670093655	Proof test of rigid tubing assemblies - xb-70	1963
19670093680	Advanced upper stages for nasa and military applications interim report	1963
19670093687	Analysis of transonic aerodynamic forces on minuteman third stage at high angle of attack	1963
19670093690	Ws-133b second stage roll control evaluation for research and development missiles	1963
19670093711	Synchronization	1963
19670093712	Study of advanced cryogenic insulation, 1 january to 31 december 1962	1963
19670093718	Effects of vacuum space conditions on various engineering materials final report	1963
19670093727	Six-Degree-of-Freedom Test Podium at the United States Air Force Standards Calibration Laboratory	1963
19670093740	Thirty-kilowatt plasmajet rocket-engine development third-year development program quarterly progress report, 1 jun. - 31 aug. 1963	1963
19670093741	Thirty-kilowatt plasmajet rocket-engine development third-year development program quarterly progress report, 1 sep. - 30 nov. 1963	1963
19670093752	Addendum to Subsystem A Engineering Analysis Report Agena B-NASA Missions	1963
19670093753	Subsystem B, Engineering Analysis Report Agena B-NASA Missions	1963
19670093757	Powerplants for v/stol aircraft	1963
19670093761	Component development program for the commercial supersonic transport, volume ii quarterly progress report, 5 dec. 1962 - 4 mar. 1963	1963
19670093775	Analysis of pendulum damper for satellite wobble damping	1963
19670093862	Aerodynamic heat transfer for packaged liquid powerplants	1963
19670093878	Preliminary design study of variable configuration patrol flying boat	1963
19670093880	Rocket motor propellant charge and igniter and gas generator propellant charge and igniter for the shillelagh missile system	1963
19670093892	Snpo-c sacramento resident office weekly report	1963
19670093896	Heat Transfer and Pressure Distribution Tests of Several Apollo Configurations at Mach Numbers of 8 and 10	1963
19670093897	Dynamic Stability Tests of a 0.059-Scale Apollo Launch Escape Vehicle Model at Mach Numbers 1.5 Through 6	1963
19670093898	Dynamic Stability Tests of a 0.045-Scale Apollo Command Module at Mach Numbers 2.5 Through 6 and Mach Number 10	1963
19670093899	Nerva engine explosive destruct system, subtask 1.6 monthly progress report, dec. 1962	1963
19670093906	Methods of representation of radar errors	1963
19670093935	Surveillance inspection test on resistor, variable, wire wound, noc, single turn, linear, 2 watts	1963
19670093939	Frequency deviation indicator	1963
19670093944	An investigation of the performance of jet engine fuels for supersonic transport aircraft quarterly technical report, may - jul. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093945	An investigation of the performance of jet engine fuels for supersonic transport aircraft	1963
19670093987	Surveillance inspection test on resistor, fixed, composition, molded or dipped, 2 watt	1963
19670094042	Effect of filler metal chemistry on the mechanical properties of weldments in 2014-t6 aluminum	1963
19670094073	Couplings, quick disconnect, hydraulic, final specification	1963
19670094098	Qualification test report for model specification s-133-2110-1-7 and qualification supplement i thereof, cable assembly, special purpose, electrical	1963
19670094099	Thermal stress determination techniques in supersonic transport aircraft structures semiannual progress report, 15 jun. - 15 dec. 1962	1963
19670094243	The iam flight task simulator - some initial observations on methodology	1963
19670094249	An investigation of the performance of jet engine fuels for supersonic transport aircraft quarterly technical report no. 4, nov. 1962 - jan. 1963	1963
19670094280	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/2 watt	1963
19670094383	Acceptance of supersonic transport airframe and engine fuel system test rig	1963
19670094384	An investigation of the performance of jet engine fuels for supersonic transport aircraft status technical report, jan. 1962 - feb. 1963	1963
19670094406	An investigation of the performance of jet engine fuel for supersonic transport aircraft quarterly technical report, feb. - apr. 1963	1963
19670094422	Gliding parachute flight performance capability final report	1963
19670094505	Surveillance inspection test on resistor, fixed, w/w, metal encased, 30 watts	1963
19670094507	Development of lubricant screening tests and evaluation of lubricants for gas turbine engines for commercial supersonic transport	1963
19670094548	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/4 watt	1963
19670094725	A digital program for static and dynamic analysis of complex structures	1963
19670094752	Low frequency if study for the radio subsystem of the minuteman ground electronic system	1963
19670094771	Installation of instrumentation for determination of assembly stresses on xb-70a air vehicles	1963
19670094774	Qualification test report for model specification s-133-2110-6-2-3, and qualification supplement i thereof, test set-command destruct and ordnance subsystem, ctti	1963
19670094775	Qualification test report for model specification s-133-2110-3-3 and qualification supplement i thereof, antenna, command destruct signal, ctti	1963
19670094783	Materials survey engineering properties for irradiation experiment design	1963
19670094790	Development of a rocket motor for the xm-7 aircraft capsule ejection catapult	1963
19670094826	B-70 antenna system	1963
19670094832	Planetary entry final report	1963
19670094842	Supplemental testing effort for hydrofoil materials research program	1963
19670094872	Qualification test report for model specification s-133-2110-3-4 and qualification supplement i thereof, repeater antenna and amplifier, command destruct and telemetry system, ctti	1963
19670094909	Investigation of the "q" characteristics for the lf prototype antenna at warrensburg, missouri	1963
19670094939	Lunar lighting program	1963
19670095056	An investigation of the performance of jet engine fuels for supersonic transport aircraft quarterly technical report, aug. - oct. 1963	1963
19670095097	Evaluation of Carbide Cermet Fuels with Rhenium Emitters for Nuclear Thermionics	1963
19670095101	Development of a rocket motor propellant charge and igniter for the shillelagh missile system progress report, 21 jul. - 20 oct. 1963	1963
19670095151	Development of a rocket motor propellant charge igniter and gas generator propellant charge and igniter for the shillelagh missile system progress report, 21 jan. - 20 apr. 1963	1963
19670095152	Development of a rocket motor propellant charge and igniter for the shillelagh missile system progress report, 21 apr. - 20 jul. 1963	1963
19670095161	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/2 watt	1963
19670095185	Cloud observations with a dual-wavelength radar wolkenbeobachtungen mit einem doppelwelligen radargeräet	1963
19670095251	Design study of roller gear transmission for h-50 /dsn/ helicopter final report, 21 jun. - 15 oct. 1963	1963
19670095271	Bearing development on the s-16 and s-17 spacecraft programs	1963
19670095272	Vac-kote process treatment	1963
19670095310	Range instrumentation planning study technical documentary report no. esd-tdr-63-354 volume 5 - tracking, telemetry, and command /t/c/ final report	1963
19670095339	Saturated hydrocarbon fuel cell program	1963
19670095345	Evaluation of coated refractory metal foils quarterly progress report, 1 oct. - 31 dec. 1962	1963
19670095361	Design and performance study for a plasma accelerator monthly progress report	1963
19670095375	Saturated hydrocarbon fuel cell program	1963
19670095392	Research and Design of Superconductive and Cryogenic Electric Power Generator	1963
19670095398	Saturated hydrocarbon fuel cell program	1963
19670095399	Semi-rigid or non-rigid structures for re-entry applications interim engineering progress report, 15 jan. - 15 apr. 1963	1963
19670095426	Non-Blooming Image Orthicon	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095485	Operation of a hole puncher in a cw jamming environment for the radio subsystem of the minuteman ground electronic system	1963
19670095512	General non-iterative solution of the inverse and direct geodetic problems	1963
19670095515	The influence of atmospheric refraction on directions measured to and from a satellite	1963
19670095598	Coatings, thermal control, application of specification for 0-75104	1963
19670095703	Operational feasibility of a conceptual large space station final report	1963
19670095707	Analytical and experimental investigation of boundary layer transition and interference flow phenomena in hypersonic flow. part ii - interference flow phenomena quarterly progress report, 20 sep. - 20 dec. 1963	1963
19670095715	Saturated hydrocarbon fuel cell program	1963
19670095721	Engine installations for advanced vehicles	1963
19670095763	Flight demonstration number 4. category i	1963
19670095778	Program 549-or payloads - program requirements document	1963
19670095779	General Titan III Program Review	1963
19670095783	Analytical and experimental investigation of boundary layer transition and interference flow phenomena in hypersonic flow monthly progress report, 24 oct. - 25 nov. 1963	1963
19670095819	Periodic orbits about an oblate planet	1963
19670095836	Research on high temperature-resistant seal and sealant materials for the supersonic transport quarterly technical report, 1 oct. - 31 dec. 1962	1963
19670095881	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1963
19670095886	Metallurgical factors influencing the magnetic analysis of surface hardened and tempered steel final technical report	1963
19670095909	Ionospheric observations	1963
19670095930	Reliability study integrated circuits versus conventional circuitry for use in the radio test set	1963
19670095967	Evaluation of proposed gemini environmental profile	1963
19670095985	Summary report on pyrolytic material final report	1963
19670096013	Cal/trecom symposium proceedings vol ii. dynamic load problems associated with helicopters and v/stol aircraft	1963
19670096014	A review of the structural dynamic characteristics of the xc-142a aircraft	1963
19670096015	Propeller whirl flutter consideration for v/stol aircraft	1963
19670096016	High-speed shafting for power transmission in aircraft	1963
19670096017	Dynamic torsional problems in vtol drive trains with universal joints	1963
19670096018	Recent work at the royal aircraft establishment on helicopter dynamic loads with particular reference to high blade incidence problems	1963
19670096019	Some results from the army low altitude, high speed flight program /man-machine/	1963
19670096020	Human factor problems associated with low altitude, high-speed /lahs/ flight	1963
19670096021	Effect of gust alleviation system on dynamic airloads	1963
19670096022	An analytical investigation of aircraft loads induced by rough terrain landings	1963
19670096023	Cal/trecom symposium proceedings volume iii. dynamic load problems associated with helicopters and v/stol aircraft	1963
19670096024	Present and future helicopter dynamic loads research	1963
19670096025	Dynamic loads problems	1963
19670096026	Status of helicopter dynamic load problems at hiller aircraft company	1963
19670096027	Dynamic loads research	1963
19670096028	Helicopter dynamic loads research requirements	1963
19670096029	Dynamic load problems associated with v/stol aircraft	1963
19670096030	Unresolved dynamic loads problems associated with v/stol aircraft of conventional structural configuration	1963
19670096031	Dynamic load problems associated with v/stol aircraft	1963
19670096032	Two xv-5a dynamic load characteristics	1963
19670096033	Dynamic load problems of v/stol aircraft	1963
19670096045	Reliability monthly progress report. volume i - program activity and status	1963
19670096077	Analytical performance of a pinch plasma accelerator	1963
19670096094	Beam temperature effects on growth rate of electrostatic instability for an electron beam penetrating a plasma	1963
19670096149	Manned satellite projects ground communications reliability report for project mercury	1963
19670096202	Optical radar design using lasers	1963
19670096289	Cal/trecom symposium proceedings vol. i. dynamic load problems associated with helicopters and v/stol aircraft	1963
19670096290	Dynamic loads in a rigid rotor from full- scale wind-tunnel tests	1963
19670096291	An aeroelastic study of helicopter rotor systems in high-speed flight	1963
19670096292	In-flight measurement of steady and oscillatory rotor shaft loads	1963
19670096293	Full-scale flight test data relating to rotor unsteady aerodynamics	1963
19670096294	Experimental and theoretical study of local induced velocities over a rotor disc	1963
19670096295	Rotor airloads	1963
19670096296	Comparison of flight measured helicopter rotor blade chordwise pressure distributions and two-dimensional airfoil characteristics	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096297	A discussion of rotor blade harmonic airloading	1963
19670096298	An experimental investigation of the effect of a non-rigid wake on rotor blade airloads in transition flight	1963
19670096368	Analysis of relative motion and thrust requirements in the terminal phase of rendezvous	1963
19670096536	Review and analysis of flight vibration data ftv 5145	1963
19670096558	Delta s-17 mission orbit error analysis	1963
19680001275	NASCOM - Manned and scientific satellite ground communications reliability report for NASA communications network, sections 1 and 2	1963
19680065695	Preliminary results of investigation of meteor matter along the flight trajectory of the mars-1 probe predvaritel'nyye rezul'taty issledovaniya meteornogo veshchestva vdol' trayektorii poleta mezplanetnoy stantsii "mars-1"	1963
19680066616	Solar probe study final report	1963
19680066643	Theory of Mechanical Circuits with Multidimensional Elements	1963
19680066886	Solar probe study final report	1963
19680068581	Pressure Distribution and Force and Moment Measurements of an 80 Deg Swept Wing with Twist and Camber at a Mach Number of 2.98	1963
19680068637	Dynamic rotary stability derivatives of a delta-winged configuration with a canard control and nacelles at mach numbers from 0.25 to 3.50	1963
19680068638	Low-speed static and oscillatory stability characteristics of a model of the apollo launch-escape vehicle and command module	1963
19680068640	Static stability characteristics of a delta- winged airplane configuration with nacelles, a trapezoidal canard and a drooped tail at mach numbers from 0.70 to 3.52	1963
19680068650	Low-Speed Stability Characteristics of a Supersonic Transport Model with a Blended Wing-Body, Variable-Sweep Auxiliary Wing Panels, Outboard Tail Surfaces, and Simplified High-Lift Devices	1963
19680068672	Low-speed wind-tunnel investigation of the effects of canard planform and wing high-lift devices on the longitudinal aerodynamic characteristics of a supersonic transport configuration	1963
19680068677	Static Longitudinal Aerodynamic Characteristics of a 0.028-Scale Model of a Proposed Little Joe 2-Apollo Space Vehicle at Mach Numbers from 1.50 to 2.16	1963
19680068688	Aerodynamic characteristics at mach numbers from 1.61 to 2.86 of a supersonic transport model with a blended wing-body, variable- sweep auxiliary wing panels, outboard tail surfaces, and a design mach number of 2.2	1963
19680068696	Aerodynamic Characteristics at Mach Numbers of 2.30, 2.96, and 3.50 of a Supersonic Transport Model with a Blended Wing-body, Variable-sweep Auxiliary Wing Panels, and Outboard Tail Surfaces	1963
19680068711	Weightlessness Experiments with Liquid Hydrogen in Aerobee Sounding Rockets, Uniform Radiant Heat Addition - Flight 3	1963
19680068913	Study of optimum environmental protection against meteoroid penetration	1963
19680070045	Influence of surface coatings on exo-electron emission during fatigue quarterly progress report, 1 dec. 1962 - 1 mar. 1963	1963
19680070350	NASCOM Network - Ground Communications Reliability Report. Section 1 - Manned Space Flight Network (MSFN). Section 2 - Satellite Tracking and Data Acquisition Network (STADAN)	1963
19680071353	Study of an atlas-agera minimum soft-landing lunar spacecraft	1963
19680072068	Nasa conference on celestial mechanics	1963
19680072091	NASCOM Network Ground Communications Reliability Report	1963
19680072093	Nascom network ground communications reliability report, jul. 1963	1963
19680073083	The M. I. T. organization research program - Research on the management of large-scale technology based enterprises	1963
19680073455	Particles emitted in the forward direction from high energy nucleon nucleus knock on reactions	1963
19680073832	The physics of nuclear fission	1963
19680073865	The Mariner 2 mission	1963
19680073991	Mariner C - Project policy and requirements	1963
19680074058	NASA 396 diameter aluminum bulkhead Progress report, period ending Jun. 30, 1963	1963
19680075997	Structural dynamics and load data for Ranger vehicles 6001 through 6005 Summary report	1963
19680085246	Mission accuracy analysis for the scout launch vehicle	1963
19680085351	Quadrature feed report	1963
19680085373	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1 feb. - 1 apr. 1963	1963
19680085385	Wind tunnel testing facilities at picatinny arsenal	1963
19680085386	Satellite all-attitude stability study results and conclusions	1963
19680085428	A Sequentially Interrogated Meteoroid Penetration Sensor	1963
19680085457	C141a flutter model tests. part 2 - high speed tests results	1963
19680085507	Saturated Hydrocarbon Fuel Cell Program	1963
19680085524	Strength of glass as related to edge finish	1963
19680085566	Research to develop methods for measuring the properties of penetrant flaw inspection materials technical report, dec. 1960 - feb. 1962	1963
19680085653	Liquid bipropellant apogee injection rocket studies	1963
19680085690	Manned mars landing and return mission study - second quarter presentation	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085694	Results of screening tests of lem window materials	1963
19680085698	Fabrication, Preflight Rating Tests, and Delivery of All/trol Control Systems for Project Vector Monthly Progress Report, Jan. 1963	1963
19680085710	Pioneer reliability program plan part 2 - reference book	1963
19680085714	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1 apr. - 1 may 1963	1963
19680085718	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1 may - 1 jun. 1963	1963
19680085736	Cryogenic insulation development	1963
19680085790	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1 jun. - 1 jul. 1963	1963
19680085883	Studies to improve radiation simulation techniques final report, 1 dec. 1962 - 30 nov. 1963	1963
19680085931	Stability and control study for a manned orbital research laboratory progress report	1963
19680085957	Single nozzle jet plume test in the rocket nozzle test facility final report	1963
19680085965	Theoretical investigation of radiant heat transfer in a vortex-stabilized gaseous nuclear rocket	1963
19680085975	Project pioneer spacecraft - adjustment in quality assurance price	1963
19680086049	Boron filaments and composites data memorandum report	1963
19680086075	Manned orbital space station stabilization and control system analysis and design progress report	1963
19680086085	Thoria dispersion in uranium	1963
19680086112	A review and study of flying qualities d design of a variable stability vtol aircraft	1963
19680086113	Nozzle performance evaluation program bell model 8289	1963
19680086123	High temperature resistant materials for missile propulsion systems summary report, 30 jun. 1962 - 30 jun. 1963	1963
19680086151	Hypersonic force and mount tests on the 1.923 percent scale gemini model at mach numbers of 6.8 and 9.6 in the nasa-langley research center 11 inch hypersonic wind tunnel, series 1	1963
19680086160	A subroutine for the equation of state of air	1963
19680086172	Tests of snap 2/10a reactor fuel in the north american aviation hyperthermal electric arc wind tunnel	1963
19680086205	Service structure hydraulic system launch complex 34	1963
19680086220	An adaptive computer applied to a second order non-linear control system	1963
19680086287	Aerodynamic transfer equations for dynamic derivatives at large angle of attack	1963
19680086379	Target resolution improvement from frequency ability	1963
19680086397	Engineering evaluation testing of vapor degreasing, ultrasonics, and electro-polishing cleaning processes	1963
19680086401	Hurricane protection launch complex 35 - technical manual, general procedure	1963
19680086405	Pioneer spacecraft, reliability analysis no. 1	1963
19680086572	Instrumentation for and experiments on tactual perception quarterly report, 15 sep. - 15 dec. 1963	1963
19680086581	Determination of iron in aluminate solutions by a polarographic method	1963
19680086614	Development of a quadrupole mass filter for analysis of the atmosphere in the 50- to 90-km altitude range final report	1963
19680086636	Study for the development of techniques and instrumentation for detection of hydrogen gas monthly progress report, 1-31 jul. 1963	1963
19680086722	Design and Checking of Indexing. Volume 2 - Gear Checking	1963
19680086782	The wetting of tungsten and titanium carbides by liquid copper and copper-nickel alloys	1963
19680086933	Evaluation of thompson ramo-wooldridge, /trw/ woven space memory plane	1963
19680086955	The use of the governing equations in dimensional analysis	1963
19680087010	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1 jan. - 1 feb. 1963	1963
19680087052	Study of advanced antenna techniques for rendezvous radar interim engineering report	1963
19680087143	Criteria for design msc static test facility	1963
19680087167	Surveillance inspection test of resistor, fixed, composition, molded, or 1/4 watt	1963
19680087376	Luminescent phenomena and zirconia research	1963
19680087504	Columbium coating development for multi- thousand hour protection quarterly progress report, period ending 31 dec. 1962	1963
19680087521	Non-equilibrium hypersonic flow of air in hypersonic nozzles and around blunt bodies	1963
19680087525	Solar probe study. book a - appendix 2	1963
19680087583	Columbium coating development for multi- thousand hour protection quarterly progress report for the period ending 31 mar. 1963	1963
19680087588	Studies in panel flutter at high mach numbers. 1 - flat and slightly curved panels at mach number 2.81. 2 - cylindrical shells with boundary layer	1963
19680087635	Life test of struthers-dunn relays type mrr1a	1963
19680087675	Wrinkling test of metallic foil vapor barriers	1963
19680087680	Studies of the specification of surface winds over the ocean final report	1963
19680087885	Research on integrated transducers, electro- mechanical interim engineering report, 1 sep. - 30 nov. 1963	1963
19680087890	Engineering aspects of the port hueneme nrds route survey	1963
19680087976	Closed brayton cycle power systems for manned space stations	1963
19680088040	Overpressure system level test results for the 8 inch blast valve /u/	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088071	Arl space and research programs /u/ status report, jan. - mar. 1963	1963
19680088074	Safety and combustion characteristics of homogeneous and heterogeneous monopropellant systems /u/ semiannual report, 1 jul. - 31 dec. 1962	1963
19680088075	Commercial supersonic transport program propulsion component program /u/ final report	1963
19680088078	Classified addendum to engineering report no. 12585, mid-term review summary, 19-20 march 1963 /u/	1963
19680088079	Development of pelletized propellant /u/ monthly progress report for aug. 1963	1963
19680088109	Tables to accompany reliability analysis of the centaur igs first gimbal stabilization loop /u/	1963
19680088111	[No Title]	1963
19680088129	Extended mission apollo /u/ final review, addendum no. 2	1963
19680088131	Possible limits on radar resolution set by atmospheric phase errors /u/	1963
19680088133	Structural and thermal tests on z direction thread and 3d foam /u/	1963
19680088292	Sketchpad 3, three dimensional graphical communication with a digital computer	1963
19680088463	The stirling cycle solar-dynamic power system for manned orbiting space station /moss/	1963
19680088603	High resolution hemispherical reflector antenna techniques /u/ progress report, 1 jun. 1962 to end of first phase	1963
19680088692	The components of ship resistance	1963
19680088726	Ocean wave forecasting study final report	1963
19680088798	The radar cross-section of bodies of revolution	1963
19680088847	Spectral transmission of slant paths through the atmosphere	1963
19680088881	Experimental study of the aerodynamic interaction generated by secondary gaseous injection into a supersonic nozzle	1963
19680088977	Ram-jet propulsion by nuclear reactors	1963
19680088997	Effects of steady state blade angle of attack on propeller whirl flutter	1963
19680089025	Interior ballistic calculations with dual granulation propellant	1963
19680089098	Performance of the rex reentry vehicle heat shield and ablation sensors in the exhaust of a large rocket engine /u/	1963
19680089233	Program progress on continuing development of stage 1 minuteman motors /u/ contract status report, 1 apr. - 30 jun. 1963	1963
19680089272	Improved Insulators for Rocket Motors	1963
19680089287	Performance and cost analysis of advanced rocket launch systems /u/	1963
19680089321	Static test of nike zeus stage 2 motor no. 16 /u/	1963
19680089402	A comparison of preliminary turboaccelerator data for hypersonic applications /u/	1963
19680089443	Static test of nike zeus tx-239 motor no. 9 /u/	1963
19680089444	Static test of nike zeus stage 1 motor no. 57 /u/	1963
19680089445	Static test of nike zeus stage 2 motor no. 15 /u/	1963
19680089523	Communications - introduction to satellite communications	1963
19680089544	Improved Insulators for Rocket Motors	1963
19680089570	Frequency bandwidth considerations in ultrasonic testing	1963
19680089574	A study of the harmonic description of the geomagnetic field at satellite altitudes	1963
19680089581	Component specifications for the ma116 advanced lace system /u/	1963
19680089607	A description of pulse torqued gyro work performed by stl	1963
19680089666	Considerations in the design of automatic proficiency measurement equipment in simulators	1963
19680089717	Unfurlable metal structures for spacecraft	1963
19680089778	Vinyl primer final report	1963
19680089817	Thermal ignition of slot injected hydrogen for low free stream temperature and pressure including turbulent heat transfer rates in reacting gas /u/	1963
19680089842	Structural configuration and weight of the model ma-104c scramjet engine based on a modular concept /u/	1963
19680089869	An experimental investigation of the low- pressure combustion limits of some solid propellants /u/	1963
19680089870	Quarterly project progress report for october, november, december 1963 /u/	1963
19680090180	Coating, vinyl	1963
19680090257	Determination of transistor figure-of-merit for radiation effects quarterly progress report, 1 dec. 1962 - 28 feb. 1963	1963
19680090258	Transient radiation effects on passive parts quarterly progress report, 1 dec. 1962 - 28 feb. 1963	1963
19680090343	Flight test no. 7, phase 2, part a, paraglider development program /u/	1963
19680090488	Traffic routing techniques - applied research study on satellite communications /u/ task report, 1 sep. 1962 - 31 dec. 1963	1963
19680090604	Levelers, vsa's, gyro cluster axis, in-hangar, in-missile calibration for a sub o platform	1963
19680090636	Report on the first twelve firings and status as of 30 jul. 1963	1963
19680090675	Airborne component vibration fragility test program report	1963
19680090676	Land navigation test program status report	1963
19680090684	Transmitter drift, satellite clock bias and drift effects on pulse arrival time measurement accuracies	1963
19680090731	Rapid prediction of satellite position program	1963
19680090748	Cartridge/propellant actuated device development, 1945-1963 special monograph	1963
19680090775	The effect of high pressure water on the graphite rings of face type mechanical shaft seals	1963
19680090797	Notch filters for star sensor application	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090800	Land navigation feasibility test program. volume 2 - appendices	1963
19680090802	Gyro in-hangar, in-missile calibration for a sub o platform	1963
19680090806	Open literature review of soviet space experiments through 1961	1963
19680090826	Weapon system 133a. continuing development of stage 1 minuteman motors /u/ contract program progress status report, 1 jul. - 30 sep. 1963	1963
19680090854	Pre-patrol calibration for stellar sensor interim study report	1963
19680090858	Titan 2 inertial guidance system /igs/ maintenance subsystem /mss/ model information packet	1963
19680090866	Human engineering analysis of gandc display panel for mmrbm /oge/	1963
19680090915	Satellite identification of naval task forces by measurement of population variance	1963
19680090921	The role and critical problems in communication technology for future space operation	1963
19680090980	Development of design criteria relative to wind-induced oscillations of the saturn booster in the vertical launch position monthly progress report for jun. 1963	1963
19680090992	Atlas/titan 1 and titan 2 pneumatic system test and repair procedures, sac antenna	1963
19680091014	Research and development of materiel. engineering design handbook - trajectories, differential effects, and data for projectiles	1963
19680091019	Research and development of materiel. engineering design handbook - ballistic missile series structures	1963
19680091079	Some considerations on the free-flight testing in the arl thirty-inch hypersonic wind tunnel	1963
19680091117	Software design and implementation	1963
19680091162	Military pyrotechnics series. part three - properties of materials used in pyrotechnic compositions	1963
19680091197	Elements of armament engineering. part 2 - ballistics, engineering design handbook	1963
19680091210	Elements of armament engineering. part 3 - weapon systems and components, engineering design handbook	1963
19680091228	Military pyrotechnics series. part two - safety, procedures and glossary	1963
19680091310	Comparison of solid and storable liquid minuteman missiles /u/	1963
19680091315	Error analysis of trajectory determination by using uprange and downrange missile tracking data /u/	1963
19680091432	Study of umbilical lines for extravehicular operation, part 2 final report, 22 jul. - 31 aug. 1963	1963
19680091455	A theory of the cylindrical ejector supersonic propelling noise	1963
19680091461	Study of umbilical lines for extravehicular operation, part 1 final report, 18 feb. - 18 may 1963	1963
19680091464	Summary of wu's analysis for three-dimensional flow in axial flow turbo-machinery	1963
19680091523	Engineering design handbook. experimental statistics. section 1 - basic concepts and analysis of measurement data	1963
19680091527	Product engineering /u/ final progress report, 1 jan. - 31 dec. 1962	1963
19680091528	Summary - large payload minuteman icbm study /u/	1963
19680091529	Large payload minuteman study - airborne vehicle design and performance summary /u/	1963
19680091530	Large payload minuteman study - airborne vehicle design and analysis /u/	1963
19680091531	Large payload minuteman study. ground systems design and analysis /u/	1963
19680091532	Large payload minuteman study. maintenance and logistics /u/	1963
19680091533	Large payload minuteman study - test program /u/	1963
19680091534	Large payload minuteman study - reliability analysis /u/	1963
19680091541	Basic data requirements for rex-3 vehicle /u/	1963
19680091550	Program 479a /u/ final flight evaluation report	1963
19680091609	Advanced gyrocompassing techniques for ballistic missiles /u/ final report	1963
19680091639	Titan 2-a pre-development /u/ informal quarterly report no. 1, 1 jul. - 30 sep. 1963	1963
19680091816	Athena program bibliography of research and development reports	1963
19680091838	Athena program bibliography of research and development reports	1963
19680091856	A study of human problems in the air force une etude de problemes humains au sein de la force aerienne	1963
19680091957	Preliminary Guidance and Navigation Study for Apollo Lunar Orbit Rendezvous	1963
19680091997	Titan 1: Project Long Reach	1963
19680092004	Calibration of accelerometers at sea /u/	1963
19680092005	Preliminary land navigation error budget /u/	1963
19680092006	Load alleviation trade-off study /u/ final report	1963
19680092007	Airborne weight and balance data /u/	1963
19680092008	Altitude determination through barometric techniques /u/	1963
19680092009	Evaluation of some recent developments in liquid rocket propellants /u/	1963
19680092031	Titan II Post-flight Missile Weight and Loading	1963
19680092038	Mmrbm baseline fcs analysis /u/	1963
19680092042	Factors affecting altitude of first star sight /u/	1963
19680092043	System error model /u/	1963
19680092053	Super titan study, summary /u/	1963
19680092169	Atlas e/f propulsion system flight performance summary /u/	1963
19680092170	Titan 2 missile n-11 flight /u/	1963
19680092269	Airborne weight and balance data /u/ monthly report	1963
19680092273	Calibration of gyros at sea /u/	1963
19680092274	Airborne weight and balance data /u/ monthly report	1963
19680092291	Thermal analysis - oao - goddard experiment	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092295	Some diagrams of the flow properties behind oblique detonation waves	1963
19680092384	Saturn 5 first stage wind gust load study interim technical report	1963
19680092411	E and f series launch environmental measurements /u/	1963
19680092412	Evaluation of atlas thrust section acoustic environment. rocketdyne alfa-1 test program /u/	1963
19680092423	Flight test directive missile n-15, annex /u/	1963
19680092427	Airborne weight and balance data /u/ monthly engineering report	1963
19680092428	Stellar sensor "window" formation - logic and principles of operation /u/	1963
19680092442	Airborne weight and balance data /u/	1963
19680092443	Configuration and structure /u/	1963
19680092444	Electrical power data /u/	1963
19680092498	The control moment gyro /cmg-2/ reliability design review	1963
19680092586	Acoustical environment and design analysis xb-70 /u/	1963
19680092621	Effect of Vehicle Development Costs and Transport Magnitude on Optimum Launch Fleet	1963
19680092638	Out-of-position TIG machine welding Final report	1963
19680092644	Summary of Space Docking Studies Conducted at Boeing in 1963	1963
19680092719	SNAP 2 power conversion system. NaK pump design and testing	1963
19680092766	Screening inspection for UZ-706 Zener diodes	1963
19680092848	Man in space	1963
19680092850	On the problem of adaption of man to various types of stress with reference to manned space flight	1963
19680092989	Application of the theory of fractures on the surfaces of instability	1963
19680093106	Survey of digital TWS tracking systems	1963
19680093135	Development of an advanced approach and landing display. Addendum 1 - Lateral mode operation	1963
19680093213	[No Title]	1963
19680093265	High performance upper stage motor /U/	1963
19680093332	The measurement of gamma radiation with thermoluminescent dosimeters	1963
19680093398	Analysis of worst case behavior in forced control systems, volume 1 Annual progress report	1963
19680093593	Radiation-induced cable current, part 1	1963
19680093597	Machinability of 18 percent nickel mar-aging steel, preliminary investigation	1963
19680093609	Experimental evaluation of ventilation effectiveness of international latex MR-2 full pressure suit for Apollo space suit program	1963
19680093665	XB-70A unrestrained airplane equations of motion	1963
19680093861	Nyquist and Bode plots using an analog computer	1963
19680093873	Factors Influencing the Design of Radar System for the Lunar Excursion Module (LEM). Volume 1 - Antenna Lobing Techniques	1963
19680093880	Atlas project propulsion - Flight test report - Missile 16F AMR test number 73 - 7 November 1962 /U/	1963
19680094101	Raney nickel	1963
19680094102	Studies of the effectiveness of air disinfection by means of ultraviolet rays. Part 3. Surface effect of ultraviolet rays	1963
19680094148	The amplitude distribution and false alarm rate of filtered noise	1963
19680094172	Solar probe study, book B, appendix 3 - Thermal	1963
19680094180	Solar probe study, book C, appendix 1	1963
19680094197	Solar probe study, book A, appendix 1	1963
19680094198	Solar probe study, Book B, appendix 4 - Attitude control	1963
19680094199	Solar probe study, book B, Appendix 1 - Interplanetary medium environment and effects. Appendix 2 - Spacecraft structure	1963
19680094213	On fluctuations of ozone in the troposphere and stratosphere	1963
19680094233	Development and testing of advanced high-energy fluorine-containing solid propellants /U/ Quarterly report, 22 Nov. 1962 - 21 Feb. 1963	1963
19680094251	Oceanographic atlas of the Nort Atlantic Ocean. Section 4. Sea and swell	1963
19680094272	Determination of vertical ozone distribution at various latitudes during eclipses of the moon	1963
19680094273	Simultaneous measurements ozone content of air near the earth at several stations by means of a simple absolute method	1963
19680094299	The removal of insect, dust and salt contamination from TSR.2 transparencies	1963
19680094383	Radiation damage study for the neutron radiation facility of the U.S. Naval Radiological Defense Laboratory, San Francisco, California	1963
19680094415	Advances in aerobiological aerosol research. Discussion	1963
19680094416	Effects of artificial aerosols. Methods of synthesis and analysis of submicron aerosols	1963
19680094417	The biological significance of the mechanisms of reaction of gases and chemical agents suspended in air in industrial atmospheres	1963
19680094423	Theoretical capability of an image orthicon television system for visual search	1963
19680094474	Investigations on the luminosity, contrast, and resolution of multiple-beam interference systems. Use of complex thin films	1963
19680094484	Sandia AME/DME tracking system	1963
19680094491	Powell manual gate valve P/N 1414 G 3 inch-150 psig Engineering test report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690067285	Experimental Investigation of the Overall Pressure Distribution, Flow Field, and Afterbody Heat Transfer Distribution of an Apollo Reentry Configuration at a Mach Number of 8	1963
19690067809	Freezing of cryogenic liquids when expanded to pressures below the triple point pressure	1963
19690068140	Third reliability assessment for the orbiting geophysical observatories	1963
19690069112	Study of a Site Survey Payload for a 1500- Pound Class Lunar Logistic System	1963
19690069245	Graduate Engineering Education and University Research	1963
19690070851	NASA Precision Multi Mode Mount	1963
19690071003	Official report of the United States delegation to the United Nations Regional Cartographic Conference for Africa	1963
19690072500	The ensuring of radiation safety during flights of soviet cosmonauts	1963
19690072526	On the biological effect of high-energy protons	1963
19690073320	Wind tunnel measurements of some dynamic stability characteristics of 0.555 scale models of proposed Apollo command module and launch escape configurations at Mach numbers from 2.40 to 4.65	1963
19690074217	Dynamic stability characteristics in pitch and in yaw for a model of a variable-sweep supersonic transport configuration at Mach numbers of 2.40, 2.98, and 3.60	1963
19690075461	Hazard potential of diffusion pump fluid Final report, 15 Jan. - 15 Jun. 1963	1963
19690076242	Boeing manufacturing plan for S-1C stage	1963
19690086638	Exploding bridgewire survey, EBW	1963
19690086742	Powell swing check valve figure no. 70-2633, 4 inch-150 pound	1963
19690086818	Two inch Pacific check valve fig/N G2500 YLC 10K	1963
19690086822	Vacco check valve part number CVL-6P-X469	1963
19690086864	Mission duo-check check valve figure no. 250 SMR, model-A	1963
19690086965	Vibrations of skew cantilever plate	1963
19690087036	Annin check valve model no. 6590, serial no. H3166	1963
19690087046	Prototype automatic mosaicking system	1963
19690087054	Inch annin check valve	1963
19690087095	Security check valve P/N A1127-1/2 S/N 324-1-1	1963
19690087219	Qualification test report for the shut-off valve, VPN MC3745	1963
19690087226	Crane safety relief valve, part no. 2668-1 1/2-inch 300 psig	1963
19690087241	Special Benton B-17500-S three-way needle valve, p-i-n 10414076-X Qualification tests report	1963
19690087246	Lunkenheimer pop safety valve figure 1213 mod. 1-inch 75 psig	1963
19690087249	Bailey relief valve part number 119-1, 1 inch 150 psig	1963
19690087250	Lunkenheimer pop safety valve, figure 1765 mod. 1 1/2 inch-300 psig	1963
19690087251	Ladewig safety and relief valve P/N 1160C 1 1/2 inch - 300 psig	1963
19690087279	Crane safety relief valve part no. 2668-1 1-inch, 75-psig	1963
19690087325	Fluid mechanics safety relief valve, P/N 1-3086, 1 1/2 inch-300 psig	1963
19690087701	Reliability assessment of the Smithsonian experimental package	1963
19690087706	Nimco system development test log sheets, book no. 1, 8/27/63 and 8/28/63, pages 1-49, Project 102 Nimco	1963
19690087708	Nimbus meteorological satellite integration and testing structural loads analysis model - Nimbus A	1963
19690087710	Nimbus integration and test task 628-02. Vibration test program, phase 1 test results Final test report, volume 3	1963
19690087730	Nimbus telemetry data system, technical training program - Guide for preparation of the instructor's presentation plan	1963
19690087783	Nimbus meteorological satellite. Operating and maintenance manual - Spacecraft and dolly sling and balancer assembly, revision A	1963
19690087784	Nimbus meteorological satellite. Operating and maintenance manual - Spacecraft checkout sling and balancer assembly	1963
19690087791	Nimbus meteorological satellite operating and maintenance manual, spacecraft sling assembly hydra-set	1963
19690087863	Neutron diffraction study of beta lead dioxide	1963
19690087880	Match mate of Nimbus spacecraft, spacecraft adapter and shroud to Agena B /model 13205/	1963
19690087895	Vehicle functional schematics	1963
19690087898	Instruction manual for the APTS-SATELLITE - Integration test procedures	1963
19690087899	Integrated daily test and operation plan	1963
19690087948	Nimbus meteorological satellite operating and maintenance manual spacecraft test and calibration dolly assembly /revision A/	1963
19690087950	Nimbus meteorological satellite operating and maintenance manual - Spacecraft cover sling, revision A	1963
19690087951	Nimbus meteorological satellite operating and maintenance manual - Spacecraft transport trailer, drawing no. 246E350	1963
19690087954	Nimbus meteorological satellite operating and maintenance manual, utility dolly and cover mounting ring	1963
19690087955	Compendium of commands for Nimbus A spacecraft flight model no. 1	1963
19690087978	The need for objective observing and reporting of solar flares	1963
19690088003	NASA/Agena satellite and probe missions - Weight and performance status	1963
19690088004	Utilization of Agena D on Nimbus NOS-01 and NOS-02 missions	1963
19690088023	Nimbus data systems operational programs Monthly progress report, May 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088029	Stabilization and control subsystem. Nimbus meteorological satellite, phase 1 - Prototype Monthly progress report, Mar. 1963	1963
19690088032	Functional test results for printed circuit board assemblies /Nimbus C clock subsystem/	1963
19690088036	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Monthly progress report, Jul. 1963	1963
19690088039	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Monthly progress report, Sep. 1963	1963
19690088047	Nimbus meteorological satellite - Preliminary PMR spacecraft system operating procedures manual no. 2	1963
19690088051	Nimbus integration and test task 628-02. Vibration test program, phase 1 - Test results, volume 2	1963
19690088053	Nimbus spacecraft modal survey vibration test preliminary data release /task 328-05/	1963
19690088063	Detailed cost proposal for Nimbus Grid Point Equipment /GRIPE/	1963
19690088065	Off-design thermal characteristics of the sensory subsystem	1963
19690088081	NIMCO thermal vacuum-functional test procedure	1963
19690088100	Nimbus A - Nimbus meteorological satellite. Program plan integration and test program	1963
19690088106	Compendium of telemetry for Nimbus A spacecraft flight model no. 1	1963
19690088112	Nimbus instrumentation vans - Air conditioner test report	1963
19690088116	Nimbus meteorological satellite. Operating and maintenance manual - Van mounted ground station instrumentation vans, revision A	1963
19690088117	Nimbus meteorological satellite Failure summary report no. 11	1963
19690088118	Nimbus meteorological satellite flight Monthly progress report, Apr. 1963	1963
19690088119	Nimbus meteorological satellite Integration and testing materials report no. 3	1963
19690088121	Nimbus meteorological satellite Failure summary report no. 6	1963
19690088122	Nimbus meteorological satellite Failure summary report no. 10	1963
19690088132	Solar-conversion power supply subsystem for Nimbus satellite - Environmental test plan for prototype and flight models	1963
19690088133	Nimbus operational system clock receiver subsystem - Environmental test plan for prototype and flight models	1963
19690088138	NASA/Agena satellite and probe missions, weight and performance status report	1963
19690088150	Clock receiver for the Nimbus meteorological satellite - Test log and calibration curves for receiver serial no. NCR-6001-08A, fifth flight model	1963
19690088190	Nimbus 'A' prototype, 39 foot vacuum-thermal chamber test	1963
19690088195	Nimbus data system operational programs Monthly progress report, Sep. 1963	1963
19690088196	Operation of Nimbus Technical Control Center /NTCC/ Monthly progress report, Oct. 1963	1963
19690088200	Operating and maintenance manual. Spacecraft cover. Humidity cover	1963
19690088202	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Apr. - Jun. 1963	1963
19690088205	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Monthly progress letter, Jun. 1963	1963
19690088206	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Calibration data for flight model camera F-1	1963
19690088207	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Test log for flight model F-1	1963
19690088210	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite. Test log for prototype camera P2	1963
19690088224	Nimbus integration and test task 628-02 vibration test program. Phase 2 - Analysis of test results	1963
19690088226	Interface control specification between RCA CDA ground station equipment and CalComp Grid Point Equipment /GRIPE/	1963
19690088227	Interface control specification for cables between CDC 924 computers and PCM peripheral equipment and CalComp Grid Point Equipment /GRIPE/	1963
19690088236	Functional interface control specification for programming requirements between CDC 924 computer and CalComp Grid Point Equipment /GRIPE/	1963
19690088238	Model specification for model 201-1A and 204-1A Grid Point Equipment /GRIPE/	1963
19690088241	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Monthly progress letter, Sep. 1963	1963
19690088242	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Jul. - Aug. 1963	1963
19690088270	Stabilization and control subsystem. Nimbus meteorological satellite flight Monthly progress report	1963
19690088299	Preliminary reliability assessment of the Princeton astronomical experimenters package	1963
19690088319	A method for using the cantilevered modes of an elastic branch to determine the dynamic properties of a combined branched- beam system	1963
19690088321	Match mate of Nimbus spacecraft, spacecraft adapter and shroud to Agena B /model 13205/	1963
19690088322	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Monthly progress report, 1-28 Feb. 1963	1963
19690088323	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Monthly progress report, 1-30 Apr. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088324	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Monthly progress report, 1-31 May 1963	1963
19690088330	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Monthly progress letter, Apr. 1963	1963
19690088340	Nimbus sensory subsystem temperature controllers Technical report, Nov. 1962 - May 1963	1963
19690088343	Program description and operating instructions for a real-time 160-A computer program for Nimbus integration and test	1963
19690088355	Nimbus unique command data acquisition equipment integration Monthly progress report, Feb. 1963	1963
19690088357	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Calibration data for flight model camera F-5A	1963
19690088358	Nimbus integration and test program separation and initial stabilization, phase 1 Summary report	1963
19690088361	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Quarterly technical report, Oct. - Dec. 1962	1963
19690088362	Operation of Nimbus CDA computer systems Monthly progress report, Oct. 1963	1963
19690088365	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Feb. 1963	1963
19690088377	Nimbus instrumentation vans air conditioner test plan	1963
19690088378	Nimbus meteorological satellite. Manual 3 - Preliminary PMR van readiness countdown manual	1963
19690088379	Operational readiness test program design specification	1963
19690088381	Operation of Nimbus CDA computer series Monthly progress report, 26 Jun. - Aug. 1963	1963
19690088384	Stabilization and control subsystem, Nimbus meteorological satellite - Flight Monthly progress report, Jan. 1963	1963
19690088385	Automatic Picture Taking /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Jan. - Mar. 1963	1963
19690088388	Operation of Nimbus CDA computer systems Monthly progress report	1963
19690088389	Operation of Nimbus Technical Control Center /NTCC/ Monthly progress report	1963
19690088396	Compatibility, functional and structural testing of the Nimbus spacecraft test and calibration dolly /PR 237R950/	1963
19690088397	Nimbus data handling system equipment integration Monthly progress report, May 1963	1963
19690088399	Nimbus data systems operational programs Monthly progress report, Mar. 1963	1963
19690088401	Nimbus Command and Data Acquisition /CDA/ station data system performance requirements and equipment interface specification	1963
19690088405	Nimbus data system training program. Volume 2, part 1 - Illustrations	1963
19690088412	Nimbus data systems operational programs Monthly progress report	1963
19690088413	Nimbus data handling system equipment integration Monthly progress report	1963
19690088415	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite	1963
19690088417	Operation of Nimbus CDA computer systems Monthly progress report	1963
19690088420	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Quarterly report, 1 Jul. - 6 Oct. 1963	1963
19690088424	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Nov. 1963	1963
19690088428	Preliminary operational concept for Nimbus CDA station data system	1963
19690088429	Electronic module physical failure analysis	1963
19690088430	Program description and operating instructions for an off-line computer program for Nimbus integration and test	1963
19690088431	Addendum to design specifications for real-time and off-line computer programs for Nimbus integration and test	1963
19690088432	Clock receiver for the Nimbus meteorological satellite - Test log and calibration curves for receiver serial no. NCR-6001-06A third flight model	1963
19690088433	Solar conversion power supply subsystem for Nimbus satellite. Volume 1 - Prototype battery and electronics modules	1963
19690088436	Solar-conversion power supply subsystem for the Nimbus meteorological satellite - Telemetry calibration curves for NOS flight-3 power supply subsystem	1963
19690088440	Test log and calibration curves for HRIR satellite equipment prototype /P-2/	1963
19690088444	Solar-conversion power supply subsystem for Nimbus satellite Quarterly technical report, 5 Aug. - 5 Nov. 1963	1963
19690088446	Automatic Picture Transmission Subsystem /APTS/ for the Nimbus meteorological satellite - APTS vidicon life optimization study, Westinghouse type 7290 vidicons Evaluation report	1963
19690088447	Operation of Nimbus CDA computer systems Quarterly progress report, Oct. - Dec. 1963	1963
19690088449	Nimbus attitude control propulsion subsystem performance test with Freon-14	1963
19690088451	Nimbus data handling system equipment integration Monthly progress report	1963
19690088452	Nimbus data systems operational programs Monthly progress report	1963
19690088453	Stabilization and control subsystem. Nimbus meteorological satellite, phase 1 prototype and flight Monthly progress reports, Dec. 1963	1963
19690088454	Stabilization and control subsystem Nimbus meteorological satellite flight Monthly progress report	1963
19690088455	Stabilization and control subsystem Nimbus meteorological satellite Failure summary report	1963
19690088456	Nimbus data handling system equipment integration Monthly progress report, Apr. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088457	Integration and testing of the Nimbus meteorological satellite. Solar cell radiation damage experiment Progress report	1963
19690088458	An analog computer model of the Nimbus earth-sky facility including spacecraft dynamics	1963
19690088462	Nimbus data handling system equipment integration Monthly progress report	1963
19690088464	Stabilization and control subsystem Nimbus meteorological satellite flight Monthly progress report	1963
19690088465	Stabilization and control subsystem Nimbus meteorological satellite Failure summary report	1963
19690088466	Nimbus data handling system equipment integration Monthly progress report	1963
19690088467	Nimbus data systems operational programs Monthly progress report	1963
19690088468	Nimbus data systems operational programs Monthly progress report	1963
19690088470	Operation of Nimbus CDA computer systems Quarterly progress report, Jul. - Sep. 1963	1963
19690088471	Stabilization and control subsystem Nimbus meteorological satellite flight Monthly progress report	1963
19690088472	Integration and testing of the Nimbus meteorological satellite. Solar cell radiation damage experiment Monthly progress report	1963
19690088473	Stabilization and control subsystem Nimbus meteorological satellite. Phase 1 - Prototype Monthly progress report	1963
19690088474	APT subsystem interface test report	1963
19690088482	Nimbus data handling system equipment integration Monthly progress report, Oct. 1963	1963
19690088487	Stabilization and control subsystem Nimbus meteorological satellite flight Monthly progress report	1963
19690088502	Instruction manual for the HRIR subsystem bench checkout unit	1963
19690088523	Gridding program design specification /Nimbus CDA station/	1963
19690088530	Nimbus spacecraft modal survey vibration test, pre-test report, revision B	1963
19690088531	Nimbus data system - Operational programs Progress report, 1-31 Jan. 1963	1963
19690088537	Integration and testing of the Nimbus meteorological satellite - Solar cell radiation damage experiment Monthly progress report, Jun. 1963	1963
19690088539	Nimbus data systems operational programs Monthly progress report	1963
19690088541	Stabilization and control subsystem Nimbus meteorological satellite Monthly progress report	1963
19690088545	Operations manual, digital computers, Nimbus CDA Station. Volume 3 - Computer operation procedures	1963
19690088553	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, May 1963	1963
19690088554	Solar-conversion power supply subsystem for Nimbus satellite Quarterly technical report, Dec. 1962 - Feb. 1963	1963
19690088555	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Quarterly technical report, Jan. - Mar. 1963	1963
19690088557	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Jul. 1963	1963
19690088558	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Jun. 1963	1963
19690088563	Technical proposal for Nimbus grid point equipment /GRIPE/	1963
19690088564	Nimbus C command clock component and reliability program report	1963
19690088572	Nimbus Meteorological Satellite, Intergration and Testing Quarterly Progress Report, 16 May - 15 Aug. 1963	1963
19690088590	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Monthly progress letter for Feb. 1963	1963
19690088599	Stabilization and control subsystem Nimbus meteorological satellite flight Monthly progress report	1963
19690088605	Acceptance specification for an off-line computer program for Nimbus integration and test	1963
19690088606	Operational exercise plan for Nimbus CDA station data handling simulation	1963
19690088623	Digital computers, Nimbus CDA station /Alaska/, operations manual. Volume 1 - Flight operations	1963
19690088627	Instructional manual for the High Resolution Infrared /HRIR/ subsystem satellite equipment	1963
19690088631	Pacific Missile Range /PMR/ and Alaska ground station equipment for the automatic picture transmission subsystem, instruction manual	1963
19690088632	Instruction manual for the AVCS subsystem bench checkout unit	1963
19690088635	Automatic Picture Taking APT subsystem for Nimbus meteorological satellite Monthly progress letter, Jan. 1963	1963
19690088639	Nimbus data systems operational programs Monthly progress report, Aug. 1963	1963
19690088640	Nimbus meteorological satellite. Nimbus data handling system - System test procedures	1963
19690088641	Nimbus meteorological satellite. Nimbus data handling system - Subsystem checkout tests	1963
19690088642	Development of a dielectric-tape camera system for the Nimbus meteorological satellite. Special test equipment design study report	1963
19690088644	Operation of Nimbus Technical Control Center /NTCC/ Monthly progress report	1963
19690088648	Test log and calibration curves for HRIR satellite equipment prototype /P-1/	1963
19690088661	Training plan and course syllabus - NTCC operator training program	1963
19690088666	Orbital pod - System analysis and preliminary design of a minimum cost space system	1963
19690088673	Training plan and course syllabus for the Nimbus telemetry data system	1963
19690088679	Nimbus satellite abort/recovery concepts	1963
19690088682	NASA/Agna satellite and probe missions Weight and performance status report, 1 Oct. 1963	1963
19690088685	TV camera subsystem for the Nimbus meteorological satellite - Integration test equipment instruction and test procedure manual, revision no. 1	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088688	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Monthly progress report, Mar. 1963	1963
19690088689	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Quarterly report, 1 Jan. - 31 Mar. 1963	1963
19690088693	Nimbus data system training program, volume 2, part 2	1963
19690088699	Stabilization and control subsystem Nimbus meteorological satellite Failure summary report	1963
19690088700	Nimbus altitude control propulsion subsystem systems fill test	1963
19690088701	NASA/Agena satellite and probe missions Weight and performance status report, 1 Nov. 1963	1963
19690088702	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite - TV data presentation equipment, preliminary operation and maintenance manual Interim report	1963
19690088711	Telemetry program design specification /Nimbus CDA station/	1963
19690088721	Criteria for evaluating military voice communication links	1963
19690088726	Tv camera subsystem for the Nimbus meteorological satellite	1963
19690088746	Nimbus/Agena pitch-up and retro-maneuver study Final report	1963
19690088764	Equipment definition report, Nimbus data handling system Preliminary report	1963
19690088808	Stabilization and control subsystem, Nimbus meteorological satellite. Phase 1 - Prototype Monthly progress report, Jan. 1963	1963
19690088810	Nimbus data systems. Operational programs Monthly progress report, Feb. 1963	1963
19690088811	Stabilization and control subsystem, Nimbus meteorological satellite Failure summary report no. 7, period ending Jan. 31, 1962	1963
19690088833	Stabilization and control subsystem. Nimbus meteorological satellite Failure summary report number 8	1963
19690088834	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, 1-31 Oct. 1963	1963
19690088840	Flight test report for program 12205, serial no. 6101 /S-27/ vehicle	1963
19690088847	Computer study of restabilization schemes for Nimbus using the sun	1963
19690088852	APCO manual valve P/N 507800-3	1963
19690088860	Study of changes in infrared transmission of coated germanium due to environmental conditions	1963
19690088863	Development of a Dielectric-type Camera System for the Nimbus Meteorological Satellite. Preprototype Design Study Report	1963
19690088864	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Quarterly report, 1 Apr. - 30 Jun. 1963	1963
19690088866	Nimbus data handling system equipment integration Monthly progress report, Aug. 1963	1963
19690088876	Operation of Nimbus Technical Control Center /NTCC/ - Program plan	1963
19690088877	Nimbus meteorological satellite. Stabilization and control subsystem, phase 1 - Prototype Monthly progress report	1963
19690088889	Advanced Vidicon Camera Subsystem for Nimbus meteorological satellite. Satellite equipment preliminary operation and maintenance manual	1963
19690088893	High Resolution Infrared /HRIR/ subsystem for Nimbus meteorological satellite	1963
19690088901	Stabilization and control subsystem. Nimbus meteorological satellite Failure summary report no. 9	1963
19690088903	Quality control procedure manual	1963
19690088911	Nimbus meteorological satellite. Stabilization and control subsystem. Phase 1 - Prototype Monthly progress report	1963
19690088916	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Monthly progress letter	1963
19690088952	Battery module and components for power supply subsystem - Engineering stress analysis	1963
19690088960	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite. Test log and calibration curves prototype camera P-2	1963
19690088961	Stabilization and control subsystem, Nimbus meteorological satellite. Phase 1 - Prototype	1963
19690088963	Nimbus data systems operational programs Monthly progress report, Apr. 1963	1963
19690088979	System integration manual for the Nimbus "C" command clock subsystems	1963
19690089001	Clock receiver for the Nimbus meteorological satellite - Second design study report	1963
19690089003	Acceptance specification for a real-time computer program for Nimbus integration and test	1963
19690089005	Direct Readout Weather Satellite /DROWS/	1963
19690089010	Nimbus meteorological satellite - Vibration model spacecraft local road test	1963
19690089011	Advanced Nimbus development	1963
19690089031	Wideband FM recording	1963
19690089086	Stabilization and Control Subsystem Nimbus Meteorological Satellite	1963
19690089092	Clock receiver for the Nimbus meteorological satellite. Test log and calibration curves for receiver serial no. NCR-6001-05A, third prototype model	1963
19690089093	Clock receiver for the Nimbus meteorological satellite. Test log and calibration curves for receiver serial no. NCR-6001-07A, fourth flight model	1963
19690089117	Test log and calibration curves for HRIR satellite equipment flight model /F-2/	1963
19690089119	Articulation index scores of R-278A/GR and RT-178/ARC-27 output	1963
19690089120	Articulation index scores of outputs of radio sets AN/ARC-27 and AN/GRC-27	1963
19690089122	Articulation index scoring requirements criteria and purpose	1963
19690089131	Test log and calibration curves for HRIR satellite equipment flight model F-1	1963
19690089151	Solar-conversion power supply subsystem for Nimbus satellite Quarterly technical report, Jun. - Aug. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089153	Radar Interference Analysis System /RIAS/ study	1963
19690089157	Nimbus data system training program. Volume 1 - Lesson plans	1963
19690089163	Articulation index scores of radio receiver R-278A/GR output	1963
19690089180	Ground station no. 7 - Test procedure	1963
19690089181	Nimbus 6201 Matchmate test Summary report, 8-26 Jul. 1963	1963
19690089183	Stabilization and control subsystem Nimbus meteorological satellite - Phase 1 - Prototype Monthly progress report, Aug. 1963	1963
19690089186	Gauge calibration study in extreme high vacuum Quarterly progress report, Apr. - Jul. 1963	1963
19690089188	Weight and performance status report, NASA/Agema satellite and probe missions	1963
19690089199	Nimbus meteorological satellite, intergration and testing Quarterly progress report, 16 Nov. 1962 - 15 Feb. 1963	1963
19690089201	Operation of Nimbus CDA computer systems Monthly progress report, Sep. 1963	1963
19690089202	Nimbus meteorological satellite. Integration and testing Monthly progress report, 16 Aug. - 15 Nov. 1963	1963
19690089203	Digital computers, Nimbus CDA station /Alaska/, operations manual. Volume 2 - Spacecraft status evaluation	1963
19690089205	Nimbus meteorological satellite, intergration and testing Quarterly progress report, 16 Feb. - 15 May 1963	1963
19690089224	Nimbus stabilization and control subsystem - Operation, service, and repair, technical manual	1963
19690089225	TV image evaluation facility for meteorological sensor applications Progress report	1963
19690089238	Futurecraft manual valve part no. 30415 serial no. 100	1963
19690089244	Vacco back pressure regulator P/N BPR-6P-X469-06 S/N 7426-1	1963
19690089245	Vacco manual valve part no. NV6P-403A-2G, S/N 4954-1	1963
19690089246	Vacco manual valve part no. NV-6P-201-2M, serial no. 4955-1	1963
19690089247	Vacco manual valve P/N MA-6P-X463-2G- S/N 7432-1	1963
19690089248	Powell two-inch manual valve, part no. 46229-B	1963
19690089253	Tescom regulator part no. 26-1001, serial no. 187 Engineering test report	1963
19690089254	Apco, 3/4 inch manual valve part no. 507800-1	1963
19690089255	Aminco manual valve, P/N DI-61065 S/N H4565	1963
19690089278	Cardair 3/4 inch manual valve part number 3510-0081	1963
19690089280	Balanced relief valve part number BPR 10PS-X405	1963
19690089282	Ladewig safety relief valve P/N 1130-S-FF, S/N9369	1963
19690089288	Nimbus meteorological satellite flight - Stabilization and control subsystem Monthly progress report	1963
19690089289	Nimbus data handling system equipment integration Monthly progress report	1963
19690089290	Stabilization and control subsystem Nimbus meteorological satellite - Phase 1 prototype. Flight Monthly progress reports, Nov. 1963	1963
19690089291	Nimbus meteorological satellite subsystem, Advanced Vidicon Camera Subsystem /AVCS/ Engineering product assurance summary report, Jul. - Dec. 1962	1963
19690089347	Vacco manual angle valve 3/4 inch P/N ma-6p- 464-2g, S/N7430-1	1963
19690089391	Apco, 1/4 inch manual valve P/N 5071CK-04T	1963
19690089393	Powell one-inch manual valve	1963
19690089404	Vacco manual valve part no. M-10P-X405-2G serial no. 8350-1 engineering test report	1963
19690089405	Two inch grove back pressure regulator M/N M13641-A S/N R-97764	1963
19690089414	Vacco manual valve part number NVA-6P-401-2G, serial no. 7429-1	1963
19690089465	Vacco manual valve part no. NVA-6P-462-2G serial no. 7428-1 engineering test report	1963
19690089466	Kieley and Mueller diaphragm control valve type 1360R 2 inch - 300 psig	1963
19690089490	Titan 3 Technical Briefing	1963
19690089505	Vacco flow control valve P/N C202-TP-4611C 4-inch, 150 pound engineering test	1963
19690089516	Hydrogen-oxygen prototype fuel cell Quarterly interim engineering report, period ending 31 May 1963	1963
19690089520	Vacco flow control valve P/N C202-TP-465-0 1-inch 150 pound	1963
19690089544	Advanced Vidicon Camera Subsystem /AVCS/, for Nimbus meteorological satellite Quarterly technical report, Apr. - Jun. 1963	1963
19690089551	Nimbus meteorological satellite - Stabilization and control subsystem, phase 1 prototype Monthly progress report	1963
19690089555	APCO manual valve part number 5072 CK-08T	1963
19690089586	Study of the physiological chemical mechanisms of the toxic action of hydrazines Quarterly report, 1 Apr. - 30 Jun. 1963	1963
19690089621	Experimental substantiation of fatigue detection capability Final report, 16 Oct. 1962 - 30 Jun. 1963	1963
19690089682	The Centaur type propellant utilization system	1963
19690089702	The mechanism of the Tribo effect 3 - The effect of the humidity of the air	1963
19690089772	Hydrogen-oxygen prototype fuel cell Quarterly interim engineering report number 1, period ending 28 Feb. 1963	1963
19690089787	Grove Valve and Regulator Company pressure regulator manufacturers number 94W, figure number, M-1295-N	1963
19690089867	The use of air injection to prevent separation of the turbulent boundary layer in supersonic flow	1963
19690089904	Hydrogen-oxygen prototype cell Quarterly interim engineering report, period ending 31 Aug. 1963	1963
19690089993	Ladewig relief valve part number 158S-FF, serial number 8044	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090071	Special manufacturing procedure for selection of proper resistor valves for the relay transmitter Mark 60 Mod 0	1963
19690090140	Behavior of thin alkali metal layers on refractory metal substrates Technical report, 3 Jun. - 30 Nov. 1963	1963
19690090194	Collective electron instability in a bounded region	1963
19690090196	Research investigation of ion beam formation from electron-bombardment ion sources Interim report	1963
19690090273	Two-in Crane manual valve, P/N 18880U	1963
19690090359	Saturn S-4B monthly technical progress report, February 1963 /U/	1963
19690090360	Saturn S-4B monthly technical progress report, October 1963 /U/	1963
19690090361	Saturn S-4 monthly technical progress report, July 1963 /U/	1963
19690090368	Saturn S-4 monthly technical progress report /U/	1963
19690090374	Saturn S-4B /U/ Monthly technical progress report, May 1963	1963
19690090505	Pacific manual valve figure number G-2520Y, engineering test report	1963
19690090514	Minneapolis-Honeywell 1 inch manual valve serial number 18793-1	1963
19690090515	Minneapolis-Honeywell 2 inch manual valve, serial number 8793-2	1963
19690090572	Research on a superconducting niobium-thorium eutectic alloy Quarterly report	1963
19690090590	Research investigation of ion beam formation from electron-bombardment ion sources Monthly progress report for Feb. 1963	1963
19690090610	Manufacturing sources of errors in high accuracy synchros	1963
19690090631	Oscillations of propellants in spacecraft containers and their influence on vehicle stability	1963
19690090668	Compilation of brush and brushless type shaft position analog-to-digital encoders	1963
19690090688	Saturn S-4 /U/ Quarterly report	1963
19690090716	Radar target discrimination techniques /U/ Quarterly progress report, 1 Mar. - 31 May 1963	1963
19690090727	Development of a 1,500,000-lb thrust /nominal vacuum/ liquid hydrogen liquid oxygen engine /U/ Monthly technical progress report, 1-30 Nov. 1963	1963
19690090742	J-2 program /U/ Quarterly progress report, period ending 31 May 1963	1963
19690090745	Saturn S-4 /U/ Quarterly progress report	1963
19690090746	Saturn 1B/S-6 launch vehicle for Voyager. Volume 2 - Launch vehicle design definition /U/	1963
19690090748	Program plan - Saturn S-4B system /U/	1963
19690090786	Neighboring optimum optimization technique with the inclusion of state variable inequality constraints	1963
19690090790	Systems scoring development - VIAS evaluation test	1963
19690090821	The RFI investigation of radio transmitter T-368 / //URT	1963
19690090839	Development of a 1,500,000-pound-thrust /nominal vacuum/ liquid hydrogen/liquid oxygen engine Monthly technical progress report, 1-31 Mar. 1963 /U/	1963
19690090840	Development of a 1,500,000-pound-thrust /nominal vacuum/ liquid hydrogen/liquid oxygen engine Monthly technical progress report, 1-31 Jan. 1963 /U/	1963
19690090922	MCR quarterly technical progress report for 1 January - 31 March 1963	1963
19690090988	Electrothermal engine research and development Quarterly progress report, 25 Jun. - 30 Sep. 1963	1963
19690091024	Acoustic emission - A promising technique	1963
19690091026	Stability and control study for a manned orbital research laboratory Progress report	1963
19690091173	MCR quarterly technical progress report for 1 April - 30 June 1963	1963
19690091174	MCR concept review and recommendation. Fuel element	1963
19690091176	A study of the explosion limits of simple difluoramino compounds Quarterly technical summary report, 1 Jul. - 30 Sep. 1963	1963
19690091177	Ozone, nitric oxide, and radiation effects on a supersonic transport Final report	1963
19690091235	Initial concept of lunar exploration systems for Apollo Final report	1963
19690091312	Orbital pod - System analysis and preliminary design of a minimum cost space system	1963
19690091331	Investigation of space radiator protection Progress report, 1-31 May 1963	1963
19690091347	Investigation of space radiator protection Progress report, 1-31 Mar. 1963	1963
19690091367	Repetitively pulsed 2-stage plasma engine Quarterly progress report, 1 Jun. - 31 Aug. 1963	1963
19690091368	Repetitively pulsed 2-stage plasma engine Quarterly progress report, 1 Sep. - 30 Nov. 1963	1963
19690091397	Propagation. Path-loss experiments and data reduction	1963
19690091402	Study of solar-electric propelled spacecraft capabilities Monthly progress letter report, 5 Apr. - 5 May 1963	1963
19690091474	MSFC Manned Space Flight program status for presentation to the management council 28 May 1963 /U/	1963
19690091479	Relative weights and costs of conventional and VTOL light-attack aircraft /U/	1963
19690091491	Investigation of space radiator protection Progress report, 1-31 Aug. 1963	1963
19690091500	Study of solar-electric propelled spacecraft capabilities Monthly progress letter report, 5 Mar. - 5 Apr. 1963	1963
19690091501	Study of solar-electric propelled spacecraft capabilities Monthly progress letter report, 5 Dec. 1962 - 5 Jan. 1963	1963
19690091503	Study of solar-electric propelled spacecraft capabilities Monthly progress letter report, 5 Feb. - 5 Mar. 1963	1963
19690091525	A study of the application of solid propellant motors to future Saturn C-1 class vehicles. Volume 1 - Introduction /U/ Final report	1963
19690091640	Investigation of space radiator protection Progress report, 1-31 Oct. 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091715	Investigation of space radiator protection Progress report, 1-28 Feb. 1963	1963
19690091855	Transonic local and integrated booster buffet loads on a 6.67 per cent model of a 624A vehicle with X-20 and bulbous payloads. Volume 2 - Pressure test /U/	1963
19690091912	Electromagnetic theory of the radar cross section of reentry wakes /U/	1963
19690091913	Effects of mass-transfer cooling on the static stability and dynamic motions of slender entry vehicles /U/	1963
19690091914	The effect of the unsteady boundary layer on the hypersonic dynamic stability of a slightly blunted cone /U/	1963
19690091915	A theory of cone blunting by sublimation or oxidation /U/	1963
19690091916	Transient ablation performance of a thermosetting plastic under hypersonic reentry conditions /U/	1963
19690091918	X-ray countermeasure development /U/	1963
19690091920	The effects of high intensity microwave radiation on the ablation properties of representative heat protection materials /U/	1963
19690091921	Modification of design procedures due to reentry vehicle flight test data /U/	1963
19690091922	Heat protection system requirements and materials for ultra-high ballistic parameter vehicles /U/	1963
19690091923	Summary and interpretations of reentry vehicle flight test data /U/	1963
19690091947	S-4B Saturn monthly technical progress report /U/	1963
19690091949	Saturn S-4 /U/ Monthly technical progress report	1963
19690091986	Launch vehicle technology study /U/ Bimonthly progress report	1963
19690091987	Launch vehicle technology study /U/ Bimonthly progress report	1963
19690092204	Manmade interference measurement techniques Monthly progress report, 1 Mar. - 1 Apr. 1963	1963
19690092211	Manmade interference measurement techniques Monthly progress report	1963
19690092212	Manmade interference measurement techniques Monthly progress report	1963
19690092369	Electrical insulators for very high temperatures Quarterly report, 5 Nov. 1962 - 4 Feb. 1963	1963
19690092528	Visit report - Visit to Sylvania microwave device division, Mountain View, California	1963
19690092672	Test lab wind tunnel test report on ground wind loads, addendum C Evaluation test report, 21 Oct. - 21 Nov. 1963	1963
19690092679	Fuel cell study report	1963
19690092694	Manmade interference measurement techniques Quarterly report	1963
19690092716	MCR concept review and recommendation. Volume 5 - Power conversion, control, and auxiliary power equipment and transportability	1963
19690092721	Missile 1F Investigation Report, Supplement- No. 1	1963
19690092747	Saturn S-4 stage - Weight and balance status report - Model no. DSV-4	1963
19690092748	Test lab wind tunnel test report on ground wind loads, addendum B	1963
19690092792	Physical and chemical properties of fuels and lubricants Technical documentary report, 8 Jun. 1960 - 31 Dec. 1962	1963
19690092802	Special study of the research and development effort required to provide a US lunar construction capability. Volume 1 - Program Final report	1963
19690092965	Postlaunch memorandum report for Mercury- Atlas no. 9 /MA-9/. Part 2 - Data /U/	1963
19690093083	Reliability operational model for Atlas E-series weapon-system test program at OSTF-1 Vandenberg Air Force Base. Volume 1 - System description and appendices	1963
19690093382	Optical methods of measuring plasma jet temperatures. Part 3 - Interpretation of photoelectric pyrometric measurements Technical documentary report, Sep. 1961 - 30 Nov. 1962	1963
19690093480	RIFT systems analysis. Volume 2 - Flight performance /U/	1963
19690093567	Advanced theoretical formability manufacturing technology Interim technical engineering report, 1 Apr. - 31 Jul. 1963	1963
19690093882	Definition of Saturn vehicle S-4B/instrument unit electrical interface	1963
19690093949	Definition of Saturn vehicle S-1C/S-2 electrical interface	1963
19690093974	Definition of Saturn 1 instrument unit/Apollo electrical interface	1963
19690093983	Evaluation of a proposed electrolytic method for low oxygen determination in refractory for metals Final report, 1 Apr. 1962 - 1 May 1963	1963
19690094027	Thermal analysis of high altitude, high speed ejection Final report	1963
19690094028	Interferential spectrometry feasibility study	1963
19700026417	Investigation of the feasibility of utilizing a steam turbine in the LEM environmental control system	1963
19700070660	Cleanliness of gyro air bearings Final report, 6 Feb. - 6 Jun. 1963	1963
19700071679	Study of thin film large area photovoltaic solar energy converter Quarterly report, 1 Jan. - 31 Mar. 1963	1963
19700073200	Electromagnetic compatibility - Design handbook	1963
19700073512	Wind-tunnel investigation of the sonic-boom characteristics of a large supersonic bomber configuration	1963
19700075687	Saturn S-4B stage weight and balance status report, model no. DSV-4B	1963
19700076093	Study of Earth Orbit Simulation of Lunar Orbit Rendezvous	1963
19700076149	Apollo-Saturn 1 launch propability based on winds aloft	1963
19700076164	Saturn general protuberance force and pressure wind tunnel test plan	1963
19700076173	Preliminary study of the pilot-controlled LEM docking maneuver	1963
19700076175	An investigation of static flotation characteristics of Apollo command module	1963
19700076394	Design evaluation/qualification test of the fuel tank pressure switch, Douglas Aircraft Company, Inc. Specification control no. 7851860-1, -501, -505, and -507, Frebank Company P/N 4640-1, 8015-1, 8015-3, and 8015-10 model no. Saturn S-4	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700076422	S-4B stage thrust structure influence coefficient	1963
19700076425	Spacecraft Prelaunch Automatic Checkout Equipment /SPACE/	1963
19700076429	A theoretical analysis of the telemetry communication system for the Apollo research and development project. Project Apollo	1963
19700076440	A preliminary study of lunar rendezvous and let-down radar techniques	1963
19700076461	Recommendations for utilization of lunar resources Seminar proceedings	1963
19700076462	Report of the Subgroup on Environment and Resources, appendix A	1963
19700076463	Report of the Subgroup on Facility Construction, Operation and Maintenance, appendix B	1963
19700076464	Mining and processing of lunar water deposits, appendix C A preliminary report of the Subgroup on Mining and Processing	1963
19700076473	Wind tunnel investigation of the fluctuating pressures on the surface of a Saturn 1 vehicle, 2.75 percent model	1963
19700076495	Study of the attitude control handling qualities of the LEM during the final approach to lunar landing	1963
19700076509	Simulation of the Apollo Spacecraft plus Steerable Main Parachute During the Terminal Phase of Descent	1963
19700076510	A Simulation Study of the LEM Docking Maneuver Using a Minimum Impulse Control Mode /Project Apollo/	1963
19700076530	A simulation study of the landing approach attitude control handling qualities of the LEM using on-off RCS thruster logic, Project Apollo	1963
19700076546	Velocity requirements and payload capability for unmanned LEM landing	1963
19700076558	Study of powered descent trajectories for manned lunar landings, Project Apollo	1963
19700076616	Saturn S-4B stage weight and balance status report, model no. DSV-4B Weight and balance status report no. 6	1963
19700076664	Program of research on the management of research and development. Studies of idea flow in research and development	1963
19700077128	Static moisture removal concept for hydrogen-oxygen capillary fuel cell	1963
19700077971	Wind-tunnel investigation of the sonic-boom characteristics of three proposed supersonic transport configurations	1963
19700078185	Apollo forebody pressure and heat-transfer distributions in helium at M = 20	1963
19700078267	Aerodynamic characteristics for a booster launched folding wing entry vehicle suitable for sustained operation as a supersonic aircraft	1963
19700078269	An experimental investigation of the convective heat transfer to a blunt lifting body with controls	1963
19700078278	Aerodynamic characteristics of a truncated-cone lifting reentry body at Mach numbers from 10 to 21	1963
19700078282	Aerodynamic characteristics of a blunt half-cone entry configuration at Mach numbers of 5.2, 7.4, and 10.4	1963
19700078339	A free-flight investigation of the heat transfer and afterbody flow field of an Apollo-type configuration at speeds to 10,000 ft/sec	1963
19700078473	Project Voyager Study for Development and Fabrication of Solar Cell Arrays and Antennas	1963
19700078742	Preliminary aerodynamic characteristics of a manned lifting entry vehicle at a Mach number of 6.8	1963
19700081518	The preparation of adherent cadmium coating by evaporation Technical memorandum	1963
19700089005	Effect of processing variables on crack propagation of high-strength steels and titanium. Fracture micromechanics in high-strength steels Quarterly progress report, 1 Sep. - 15 Nov. 1963	1963
19700089219	Continuous arterial pressure measurement for manned space flight Final report	1963
19700089654	Evaluation of new industrial production concepts Final report	1963
19700089655	Evaluation of new management concepts Final report	1963
19700089991	IMCC building systems - Operational support wing and lobby wing	1963
19700090093	[No Title]	1963
19700090152	The old contaminant program and electron-ion recombination in expanding gases	1963
19700090847	Proceedings of the USAF Aerospace Fluids and Lubricants Conference, 16-19 April 1963	1963
19700091073	Compilation of curves for reliability estimate based on extreme stress level testing	1963
19700091078	Development of exploding bridgewire coaxial initiators	1963
19700091145	CO2 measurement system Final report	1963
19700091266	Production scale development of fuel cartridge consolidation	1963
19700091533	Flight evaluation summary report program 479A, missions K-6, 7, 8, 10 and 12 Vandenberg Air Force Base, California /U/	1963
19700091738	Computer readouts, TD-323 design temperature distributions, erosion, and char depth and chamber pressure as function of mission	1963
19700091757	Flight hazard analysis for SNAP payload /U/	1963
19700091762	[No Title]	1963
19700092144	Space radiation shielding	1963
19700092145	Space radiation - Abstracts of technical memoranda Technical report, 1961 - 1962	1963
19700092146	Investigation of high-temperature refractory metals and alloys for thermionic converters Quarterly progress report	1963
19700092160	Linear Shaped Charge Separation Tests	1963
19700092161	MPU Bladder Development	1963
19700092166	Investigation of high-temperature refractory metals and alloys for thermionic converters	1963
19700092170	Abstracts of technical memoranda, 1962	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092189	Isotope thermionic generators. Design of a 500 watt isotope thermionic generator for space application /U/	1963
19700092206	Compressibility of Saturn S-1 PCM data	1963
19700092266	Materials for potassium lubricated journal bearings Status report, 22 May - 22 Jun. 1963	1963
19700092289	Materials for Potassium Lubricated Journal Bearings	1963
19700092323	LM1500 engine marinization contract. Phase 1 - Engine test results	1963
19700092336	Project Apollo Boilerplate 6 Flight Test Report	1963
19700092352	Flex Bee Aerial Drone Reconnaissance System Final program report	1963
19700092381	Materials for potassium lubricated journal bearings Status report, 22 Nov. - 22 Dec. 1963	1963
19700092382	Materials for potassium lubricated journal bearings Status report, 22 Oct. - 22 Nov. 1963	1963
19700092753	MOBILE, a COBOL compiler reference manual	1963
19700092791	Parameters handbook for Gemini-Agena target vehicle /U/	1963
19700092806	SNAP fuel temperature peaking with cusps in coolant channel /U/	1963
19700093153	Preparation of speed drawings for circuit boards	1963
19700093307	Compact reactor program /U/ Quarterly progress report, Jan. - Mar. 1963	1963
19700093514	NASA/MAC/Rocketdyne coordination meeting	1963
19700093516	Presentation to NASA survey team	1963
19700093801	Hydrogen-oxygen fuel cell systems for space application	1963
19700093835	Hercules Powder Company vibration test Minuteman stage 3 inert motor. Weapon system 133A	1963
19700093897	Nimbus preferred parts	1963
19700093903	A reliability assessment of the Nimbus APT subsystem	1963
19700093906	APT ground station Quarterly report, 1 Oct. - 31 Dec. 1962	1963
19700093911	Qualification testing of Nimbus subsystems	1963
19700093926	Analysis of certain Nimbus attitude errors that may be detected through flywheel telemetry	1963
19700093927	Draft material HRIR gridding methods	1963
19700093937	Nimbus stabilization and control system bench test equipment. Technical manual, operation, service, and repair	1963
19700093950	Nimbus meteorological satellite subsystem, Automatic Picture Transmission subsystem /APT/ - Engineering product assurance summary, January - June 1963	1963
19700093953	Survey of quality assurance activities of Nimbus contractors	1963
19700093954	Long-line transmission of Nimbus AVCS cloud pictures	1963
19700094005	Nimbus meteorological satellite subsystem Advanced Vidicon Camera Subsystem /AVCS/ Engineering product assurance summary, Jan. - Jun. 1963	1963
19700094028	APT ground station Quarterly report, 1 Jan. - 31 Mar. 1963	1963
19700094041	High resolution night time cloud-cover radiometer Quarterly report, 1 Dec. 1962 - 1 Mar. 1963	1963
19700094042	Nimbus information handling systems study	1963
19700094046	High Resolution Infrared Radiometer /HRIR/ gridding	1963
19700094049	Proceedings of the IDA Pulse-Power Conference. Volume 4 - Unclassified papers on capacitor energy storage, electrochemical pulse systems, and dynamic pulse systems	1963
19700094050	Factors affecting cost and size of capacitors for energy storage applications	1963
19700094051	Capacitors for high energy pulses	1963
19700094052	High energy fast pulse power system	1963
19700094053	Design considerations of multimegajoule capacitive energy storage systems	1963
19700094054	Improvements in the resistivity of high dielectric constant liquids	1963
19700094055	Summary of the conclusions of the capacitor discussion	1963
19700094056	Battery-operated arc tunnel power supplies	1963
19700094057	Silver-zinc system for 10 gigajoule pulses	1963
19700094058	Printed battery techniques and results	1963
19700094059	Kapitza batteries	1963
19700094060	Lead acid batteries	1963
19700094061	K-Hg liquid metal cells	1963
19700094062	Preliminary review of an amalgam fuel cell	1963
19700094063	Energy and high pulse generation	1963
19700094064	Energy generation or long duration storage by dynamic methods	1963
19700094065	Proposals for the generation of high energy pulses	1963
19700094066	Summary of comments on 100,000 kW gas turbine-generator	1963
19700094067	Motor-generators and high magnetic fields	1963
19700094068	Electromechanical pulsers	1963
19700094076	Analysis of responses to Nimbus quality assurance questionnaire	1963
19700094079	Nimbus PCM equipment operation and maintenance Monthly report, 1 - 31 Dec. 1963	1963
19700094086	Solar conversion power supply subsystem for Nimbus satellite Quarterly technical report, Sep. - Nov. 1962	1963
19700094114	GSFC reliability, quality assurance and testing - Comments on documentation	1963
19700094122	Quality assurance recommendations for Nimbus	1963
19700094123	Analytical techniques for evaluating Nimbus qualification test results	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094135	Nimbus preferred parts information system	1963
19700094139	GSFC documentary support on manufacturing control	1963
19700094146	An evaluation of Nimbus telemetry and commands. Part 1 - Nimbus support subsystems - Power supply, control, clock	1963
19700094171	Typical flight test experiments MHD control, transpiration cooling, and wake reduction	1963
19700094173	Handbook of instructions telemetry electronics subsystem for nimbus satellite	1963
19700094180	Nimbus adapter drop test review	1963
19700094340	Slurry fuels. Volume 3 - Phase 2 cryogenic slurry fuels /U/ Technical documentary report, Mar. 1962 - Apr. 1963	1963
19700094358	Estimated performance of a Mach 8.0 hydrogen fueled "wrap-around" turboramjet /SWAT-201A/ /U/	1963
19700094394	Project Flood, data report of Mediterranean Sea, May 1961 to July 1962	1963
19700094399	ASWEPS - A new type of oceanography	1963
19700094439	Integrated mission control center implementation Quarterly progress report, 21 Mar. - 30 Jun. 1963	1963
19700094442	Nimbus meteorological satellite subsystem - Solar power supply subsystem Engineering product assurance summary, Jul. - Dec. 1962	1963
19700094513	On the use of redundancy in the design of operational satellites	1963
19700094514	Nimbus meteorological satellite subsystem. Solar power supply subsystem Engineering product assurance summary, Jan. - Jun. 1963	1963
19700094519	The Sonar Environmental Research Card /SERC/ deck - A tool for thermal structure research	1963
19700094520	Numerical definition and automatic machining - An improved method of making printed circuit boards	1963
19700094554	Integrated mission control center implementation Quarterly progress report, 1 Jul. - 30 Sep. 1963	1963
19700094575	The alignment and assembly of the Nimbus weather satellite	1963
19700094658	APT ground station equipment Monthly progress letter	1963
19700094661	APT ground station equipment Monthly progress letter	1963
19700094663	APT ground station equipment Progress letter, 1 May - 2 Aug. 1963	1963
19700094666	APT ground station equipment Monthly progress letter	1963
19700094711	Weapon system 133A /U/	1963
19700094789	Miscellaneous alloys, phase studies	1963
19700094822	Saturated hydrocarbon fuel cell program Technical summary report, 1 Jul. - 31 Dec. 1963	1963
19700094828	A Reliability Study for the Nimbus Meteorological Satellite Progress Report, 16 Jun. - 15 Jul. 1963	1963
19700094859	Design reliability assessment of the advanced Nimbus command/clock subsystem	1963
19700094918	Alignment and operating procedure for single module solar simulator	1963
19700094952	A reliability study for the Nimbus meteorological satellite Progress report, 1 - 30 Sep. 1963	1963
19700094954	A reliability study for the Nimbus meteorological satellite Progress report, 16 May - 15 Jun. 1963	1963
19700094955	A reliability study for the Nimbus meteorological satellite Progress report, 16 Apr. - 15 May 1963	1963
19700094956	A reliability study for the Nimbus meteorological satellite Progress report, 16 Mar. - 15 Apr. 1963	1963
19700095061	A reliability study for the Nimbus meteorological satellite Progress report, 1-31 Oct. 1963	1963
19700095062	A reliability study for the Nimbus meteorological satellite Progress report, 16 Feb. - 15 Mar. 1963	1963
19700095099	Nimbus meteorological satellite reliability study Progress report, 16 Nov. 1962 - 15 Feb. 1963	1963
19700095102	Nimbus beacon solid state transmitter, model SST-100-05, instruction and servicing manual	1963
19700095132	Institute for Space Biosciences Second annual report	1963
19700095376	SHILLELAGH guided missile subsystem /U/ Interim technical report, Oct. - Dec. 1962	1963
19700095574	Water glycol separation study Final report	1963
19700095577	Study summary report	1963
19700095606	Monthly progress report no. 4	1963
19700095638	General performance criteria, LEM flight crew trainers	1963
19700095652	Quality control program plan for lunar excursion module, volume 1	1963
19700095653	Quality control program for lunar excursion module. Volume 2 - Exhibits	1963
19700095672	Microwave scattering	1963
19700096169	The analysis of a thermal model which approximates a radome on a supersonic vehicle	1963
19700096207	Experimental heat transfer distributions over launch configurations and heat transfer and pressure distributions over entry configurations of 0.045 scale Apollo models H-2, HL-1, HL-1B, and PS-3 at Mach number 10, volume 2. Appendix A - Plotted data-launch configuration	1963
19700096208	Experimental heat transfer distributions over launch and entry configurations of 0.045- scale Apollo models H-2, HL-1, and HL-1B at Mach numbers 2.5 and 3.71. Appendix B - Tabulated data	1963
19700096209	Experimental heat transfer distributions over launch configurations and heat transfer and pressure distributions over entry configurations of 0.045 scale Apollo models H-2, HL-1, HL-1B, and PS-3 at Mach number 10, volume 3. Appendix A - Plotted data-launch configuration	1963
19700096215	Experimental heat transfer distributions over launch and entry configurations of 0.045 scale Apollo models H-2, HL-1, and HL-1B at Mach numbers 2.5 and 3.71	1963
19700096218	Apollo model FSJ-3 wind tunnel tests in tunnel A of the Von Karman Gas Dynamics Facility, AEDC, Volume 2. Appendix B - Tabulated data Data report, First series	1963
19700096223	Standard abbreviations of terms used in milestone descriptions	1963
19700096322	Data report for the wind tunnel test of the Apollo launch escape vehicle jet effects model /FSJ-1/ in the Langley Research Center 16-foot transonic tunnel	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700096323	Data report for the wind tunnel test of the Apollo launch escape vehicle jet-effects model /FSJ-1/ in the Langley Research Center 16-foot transonic tunnel, series 3	1963
19700096341	Experimental heat transfer distributions over launch and entry configurations of 0.45-scale Apollo models H-2, HL-1, and HL-1B at Mach numbers 2.5 and 3.71. Appendix A - Plotted data	1963
19700096342	Experimental heat transfer distributions over launch configurations and heat transfer and pressure distributions over entry configurations of 0.045-scale Apollo models H-2, HL-1, HL-1B, and PS-3 at Mach no. 10, volume 1	1963
19700096458	Close-approach solar probe. The feasibility of approaching the sun to within three solar radii	1963
19700096488	An investigation of aerodynamic noise measured on an 0.055-scale Apollo/Saturn 1 vehicle in the NASA Ames 14-foot transonic and 9- by 7-foot supersonic wind tunnels	1963
19700096490	Experimental heat transfer distributions over launch configurations and heat transfer and pressure distributions over entry configurations of 0.045-scale Apollo models H-2, HL-1, HL-1B, and PS-3 at Mach number 10. Appendix B - Tabulated data, volume 4	1963
19710064793	Guidance, control, and communications	1963
19710064802	A Compilation of Recent Research Related to the Apollo Mission	1963
19710064803	Lunar Orbit Landing Sites and Stay Times	1963
19710064864	RAM B2 flight test of a method for reducing radio attenuation during hypersonic reentry	1963
19710064867	Study of the effects of a rocket exhaust on radio frequency signal attenuation by the use of a recoverable camera on the NASA scout vehicle	1963
19710064887	Hypersonic Aerodynamic Characteristics of Preliminary Vertical-take-off Launch Configurations with a Horizontal-landing Reusable Booster	1963
19710064888	Note on the Attenuation of Blast Waves by Light Gases and Energy Absorbing Media	1963
19710064895	Spacecraft and Stage-geometry Effects on the Hypersonic Characteristics of a Horizontal-take-off Reusable Booster	1963
19710064922	A solution to the problem of communications blackout of hypersonic reentry vehicles	1963
19710064923	Flight measurements of VHF signal attenuation and antenna impedance for the RAM A1 slender probe at velocities up to 17800 feet per second	1963
19710064945	The aerodynamic damping and oscillatory stability in pitch of two high-drag bodies of revolution at transonic speeds	1963
19710064962	Space Programs Summary No. 37-24, Volume 5 for the Period 1 October - 30 November 1963. Supporting Research and Advanced Development	1963
19710065198	An investigation of the subsonic, transonic, and supersonic aerodynamic characteristics of a proposed arrow-wing transport airplane configuration	1963
19710065503	Apollo systems descriptions, volume 1	1963
19710065605	Theory of hypersonic laminar stagnation region heat transfer in dissociating gases	1963
19710065606	Cyclotron resonance propulsion system	1963
19710065737	Future possibilities of the supersonic transport plane	1963
19710065774	Evaluation of dielectric materials in a simulated space environment	1963
19710065831	Measurement of the potential of a catalyst in the course of reaction. Use of dispersed electrodes	1963
19710065850	Electrometer tubes, part 1	1963
19710065856	On a new molecular pump	1963
19710065875	Magnetism and gravitation - An essay on celestial mechanics	1963
19710065891	Design studies on high-energy third stages for the European launch vehicle	1963
19710065900	Mass selection in tubes moving in a rarefied gas	1963
19710065950	International system of units, resolution no. 12	1963
19710065966	Magnetohydrodynamic instability of solar corpuscular streams	1963
19710065967	Delegates of the signatory nations of the meter convention	1963
19710066012	International system of units	1963
19710066013	Concerning the existence and characteristics of the integral multiformity of a system of differential equations with a lagging argument	1963
19710066022	Periodic solutions of linear systems with a lag	1963
19710066059	On the stability of plasma in a nonuniform magnetic field and on the mechanism of solar flares	1963
19710066072	On the character of large-scale motions in the solar photosphere	1963
19710066073	On some peculiarities of magnetic fields linked with solar flares	1963
19710066076	Conductivity measurements on gas jets	1963
19710066082	On the utilization of average absorption coefficients in the construction of stellar-atmosphere models	1963
19710066086	Measurement of ionosphere temperature starting from the vibration spectrum of the transition χ_2 Sigma plus/ to Lambda χ_2 Sigma plus/ of the A1O molecule	1963
19710066093	The effect of atmospheres of argon, nitrogen and air on the emission of an arc discharge	1963
19710066094	Identification of a class of chromospheric flares responsible for polar ionospheric absorptions	1963
19710066097	Electric breakdown of microgaps in a gas	1963
19710066101	Some peculiarities of the magnetic field in the solar corona	1963
19710066102	On kinematics of spicules of the solar chromosphere	1963
19710066118	Flares and emission lines of the solar corona	1963
19710066119	Probability of hydrogen ionization by electron impact	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710066134	Determination of upper ionosphere parameters by the Faraday effect	1963
19710066135	Contribution to the theory of low-frequency gravitational waves	1963
19710066137	Contribution to the theory of spectral type. 1 - general introduction - The construction of models of atmospheres	1963
19710066138	Contribution to the theory of the spectral types. 2 - Polarization by free electrons and spectral type	1963
19710066139	On plasma layer instability with the neutral point of a magnetic field	1963
19710066142	The back diffusion of fast electrons	1963
19710066145	Properties of the monochromatic emissions of the solar corona	1963
19710066146	A telecommunications link network by stationary satellite	1963
19710066157	Schedule shifts	1963
19710066174	On the diurnal magnetic activity in the high-latitude regions and on a property of the solar wind	1963
19710066183	The German artificial earth satellite project	1963
19710066184	Design problems for a one-stage space transporter	1963
19710066187	SCT-1 rocket engine	1963
19710066198	Problems in the internal aerodynamic design of the Mach-2 transport	1963
19710066199	Diffusion of charged plasma particles in a magnetic field	1963
19710066200	Measurement of the amount of water vapor contained in the atmosphere of planet Mars	1963
19710066201	Radar location of planet Mercury	1963
19710066203	Instructions for the use of the OPL divider. Table of divisions from 2 to 200	1963
19710066206	Periodic and almost periodic solutions of systems of differential equations with a lagging argument	1963
19710066207	On the analogy of celestial bodies and more particularly of artificial earth's satellites with gyroscopic systems	1963
19710066217	Electrometer tubes, part 2	1963
19710066640	Linear adaptive models with phase characteristics adjustment	1963
19710066641	Investigation of a dc arc at increased pressure	1963
19710066711	The meteoroid environment of project Apollo	1963
19710066785	Small scale lunar topography	1963
19710066979	A Programmatic Comparison of Initial Manned Missions to Venus and Mars	1963
19710067265	Stating the variational problems of gas dynamics	1963
19710067863	Research and development of gliding parachutes /Aerosail/ Final report	1963
19710068047	The Apollo guidance computer	1963
19710068552	Interim summary of conic section trajectory system, including Earth-Jupiter trajectories, 1966 - 1978	1963
19710070053	A preliminary examination of the spectral energy distribution in the JPL solar simulator	1963
19710070406	Component documentation for the SNAP-8 condenser	1963
19710070637	Guidance phenomena for a Mars mission	1963
19710070912	On the existence of a diffusion barrier between the tropospheres of the Southern and Northern Hemispheres	1963
19710070984	Special study of the research and development effort required to provide a US lunar construction capability	1963
19710071132	Orbit and landmark determination during lunar orbit	1963
19710072713	Research and investigation of broadband inorganic electromagnetic window techniques Final technical documentary report, Apr. 1962 - Sep. 1963	1963
19710073079	Investigation of the force of adhesion between powder particles 2 plexiglass powder Special report, Mar. - Oct. 1963	1963
19710073107	High pressure electrolytic oxygen generator	1963
19710073434	Status report on the microwelding of electronic models at MSD	1963
19710073498	Centaur familiarization course, 15 - 17 May 1963	1963
19710074009	SPEED - A language for describing printed circuit boards	1963
19710074132	Minutes of Radar Requirements Coordination Meeting no. 1	1963
19710074198	Analysis of disturbances and resultant gas consumption for the Nimbus flight vehicle	1963
19710074495	Lunar excursion module Study summary report	1963
19710074610	Launch Vehicle Man-Rating. Volume 4 - Quality Assurance and Operations /U/	1963
19710074675	Cabin heating, cooling, and ventilating, windshield anti-icing and rain removal, and windshield and canopy defrosting systems. Demonstration of the A-5A aircraft /U/	1963
19710074734	Pitch sensation and fundamental frequency extraction of speech sounds	1963
19710074808	NASA Design Engineering Inspection Little Joe 2 Test Launch Vehicle	1963
19710074884	MILA checkout operations plan Draft preliminary report, volume 2	1963
19710074885	MILA checkout operations plan Draft preliminary report, volume 3	1963
19710074914	Radar requirements report	1963
19710074958	MILA checkout operations plan, volume 4 Preliminary report	1963
19710074974	Results of bladders-baffles-RCS configuration study	1963
19710074992	Preliminary report on automatic LEM mission study	1963
19710074993	Electrical power system configuration study	1963
19710074994	Detailed presimulation report for phase A docking simulation	1963
19710074999	Preliminary study of alternate methods of thrust vector control	1963
19710075018	Preliminary 'fire in the hole' study	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075020	Proceedings of the High Vacuum Technology Review and Planning Meeting	1963
19710075039	Radar implementation study	1963
19710075048	Vendor requirements environmental control subsystem, sections 1, 2, 3, and 4 for the lunar excursion module	1963
19710075082	Vendor requirements for intern environment simulator system	1963
19710075125	RTCC monthly progress report, 1-30 November 1963	1963
19710075133	Little Joe 2 launch vehicle stress analysis	1963
19710075136	Vendor requirement for pulse code modulation and timing equipment	1963
19710075137	Qualification status list, NASA Project Apollo. Test launch vehicle Little Joe 2	1963
19710075149	Detailed presimulation report for phase A lunar hover and landing simulation	1963
19710075152	Vendor requirements for communications subsystem	1963
19710075155	Little Joe 2 launch vehicle ground handling equipment stress analysis	1963
19710075160	Apollo program Monthly progress report, Oct. 1963	1963
19710075161	Report on contractor's tests of model ARI 175 dc-dc converter serial no. 3	1963
19710075162	Vendor requirement for tank assembly, storage and supply, cryogenic hydrogen and oxygen electrical power subsystem	1963
19710075163	End item test plan, Little Joe 2 test launch vehicle	1963
19710075192	General test plan research and development for Project Apollo spacecraft. Volume 3 - Ground qualification tests /U/	1963
19710075205	Apollo program Quarterly progress report, Jul. - Sep. 1963	1963
19710075223	Lunar Reconnaissance Mission /U/	1963
19710075224	Apollo Design Review Board /U/	1963
19710075225	[No Title]	1963
19710075544	Hardware list Little Joe 2 test launch vehicle	1963
19710075776	Documentation of Saturn program data concepts for the Electronic Engineering Measuring and Tracking Office at the Launch Operations Center	1963
19710075784	Apollo guidance and navigation system Monthly reliability progress report, Oct. 1963	1963
19710075788	Lunar excursion module Monthly progress report	1963
19710075789	Apollo C and TS - Effects of smoothing radar data on accuracy of computed trajectory	1963
19710075796	Project Apollo - Information flow analysis, method and procedure	1963
19710075798	Apollo guidance and navigation system - Development plan. Volume 5 - Facilities plan	1963
19710075815	Monthly progress report no. 9	1963
19710075819	Apollo guidance and navigation system - Monthly quality status report, August 1963	1963
19710075820	Apollo guidance and navigation system - Monthly quality status report, September 1963	1963
19710075821	Apollo guidance and navigation system - Monthly quality status report, October 1963	1963
19710075825	Apollo guidance and navigation system - Monthly quality status report, Aug. 1963	1963
19710075826	Apollo guidance and navigation system - Factory test plan	1963
19710075839	Lunar Excursion Module Environmental Control Subsystem, Sections 1, 2, 3, and 4 Design Control Specification /U/	1963
19710075840	Summary and reference trajectory data exhibits, volume 1	1963
19710075841	Lunar orbit rendezvous reference trajectory data package, volume 2,	1963
19710075940	Test Report TX33-35 Rocket Motor No. 156 /U/	1963
19710076017	Apollo guidance and navigation system - Monthly reliability progress report	1963
19710076028	Apollo guidance and navigation system Monthly quality status report, Jun. 1963	1963
19710076029	Minutes of the task 9 quarterly reporting conference for the quarter ending 30 September 1963	1963
19710076039	Monthly progress report no. 8	1963
19710076048	Vendor requirements for data storage equipment	1963
19710076049	Stress analysis of Little Joe 2 launcher	1963
19710076054	NASA system design and research Bimonthly progress report, 1 Aug. - 30 Sep. 1963	1963
19710076055	Summary of task status, part 2 Interim report	1963
19710076057	Monthly progress report no. 10	1963
19710076058	Requirements for battery, spacecraft storage, silver oxide, zinc vendor	1963
19710076082	Quick disconnect assembly, couple and uncouple characteristics - Socket symmetrics P/N 56220, Kidde pin 272966 nipple, symmetrics P/N 56210	1963
19710076201	Lunar orbit rendezvous reference trajectory data package, volume 3, issue 2	1963
19710076202	Lunar orbit rendezvous reference trajectory data package, volume 4, issue 2	1963
19710076429	A Preliminary Approach to a Communications and Tracking Mission Description, Volume 2 /U/	1963
19710076430	Preliminary Tabulation of Parameters Required for Monitoring LEM Vehicle from Closeout Period /T-5 Hours/ to Launch /U/	1963
19710076510	Lunar excursion module contractor financial management report, April 1963	1963
19710076511	GSE end item specification for wrench - Special LES explosive bolt cartridge, model no. H14-112	1963
19710076515	Lunar excursion module contractor financial management report, October 1963	1963
19710076516	Apollo spacecraft Monthly quality status report, 1-31 Dec. 1962	1963
19710076517	Lunar excursion module contractor financial management report, September 1963	1963
19710076518	Man loading graphical summary report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076519	Lunar excursion module contractor financial management report, May 1963	1963
19710076521	Apollo guidance and navigation system Quarterly technical progress report, 1 January - 31 March 1963	1963
19710076615	GSE end item specification for battery charging unit, model S14-015	1963
19710076622	Monthly failure summary lunar excursion module, 6 September 1963	1963
19710076626	Project Apollo - Preliminary results of a study of GCTS coverage of injection into lunar transfer trajectory	1963
19710076627	Lunar excursion module Monthly failure summary report, 10 Nov. 1963	1963
19710076663	Apollo guidance and navigation system Quarterly reliability progress report, Apr. - Jun. 1963	1963
19710076690	GSE end item specification for pad abort adapter, model no. A14-013	1963
19710076729	NASA support manual. Apollo support equipment maintenance handbook - Command module substitute unit /boilerplate/ Model A14-002 /part no. G16-820200-101/ /applicable to boilerplates 12, 22, and 23/	1963
19710076732	GSE end item specification for wrench - Pitch control motor, LES /model no. H14-099/	1963
19710076733	GSE end item specification for Stand access, LES buildup Model 14-097	1963
19710076747	Lunar excursion module Monthly failure summary, 10 Nov. - 10 Dec. 1963	1963
19710076755	Lunar excursion module Quarterly manloading graphical summary report	1963
19710076756	GSE end item specification for vacuum cleaner model A14-035	1963
19710076761	Apollo guidance and navigation system Monthly technical progress report, Oct. 1963	1963
19710076762	Apollo guidance and navigation system Quarterly reliability progress report, Jan. - Mar. 1963	1963
19710076772	Apollo guidance and navigation Quarterly reliability progress report, Apr. - Jun. 1963	1963
19710076785	Apollo guidance and navigation system - Statistical acceptance plans for AC spark plug receiving inspection	1963
19710076786	GSE end item specification for adapter and duct set, model no. A14-037	1963
19710076919	Little Joe 2 Algol propulsion system. Technical interface control document	1963
19710076936	Apollo guidance and navigation system Monthly technical progress report, period ending 31 Jul. 1963	1963
19710076937	GSE end item specification for test conductor group, model C14-019	1963
19710076938	Apollo guidance and navigation system Quarterly reliability progress report, Jul. - Sep. 1963	1963
19710076950	ILCCS checkout computer program verification plan	1963
19710076953	Computer program for calculating orbital sensitivities	1963
19710077046	GSE end item specification for launch escape tower substitute unit, model no. A14-001	1963
19710077048	GSE end item specification for pyrotechnic initiators substitute set, model no. A14-003	1963
19710077049	GSE end item specification for command module substitute unit, model no. A14-002	1963
19710077129	Aerodynamic Heating, Little Joe Booster /U/	1963
19710077206	Analogue computer study of Doppler-inertial navigation mode - Ryan APN-122 and Litton LN-2C, GPL APN-153, and Litton LN-2C	1963
19710077289	Technical evaluation of TACAN visual identity system Final report	1963
19710077351	Lunar orbit rendezvous reference trajectory data package. Analysis of LOR ascent maneuvers with plane change	1963
19710077398	Survey of Lunar Landing Dynamics Studies	1963
19710077408	Stress analysis of Little Joe 2 stabilizing fins	1963
19710077411	Monthly progress report on the LEM program, August 1963	1963
19710077416	Monthly progress report on the LEM program, June 1963	1963
19710077495	Design, manufacturing and test and operations reliability studies	1963
19710077519	Transmission techniques for Apollo ship- shore communications	1963
19710077545	Apollo program Monthly progress report, 31 May 1963	1963
19710077552	Apollo program Quarterly progress report, Oct. - Dec. 1963	1963
19710077559	Development plan. Volume 4 - Quality assurance plan	1963
19710077562	Vendor requirements for analog and digital assemblies	1963
19710077563	Apollo guidance and navigation system Monthly technical progress report for Nov. 1963	1963
19710077576	Vibration test report - Manifold and burst disc assembly, P/N-842396	1963
19710077577	Vendor requirement for rate gyro assembly stabilization and control	1963
19710077581	Shock test report for Little Joe 2 reaction control system shipping grate	1963
19710077582	Production test procedure. Part 1 - Performance tests under laboratory conditions for Model ARI 175 solid state dc to dc converter /140 watts/	1963
19710077628	Vendor requirements, external, visual display equipment /training subsystem/ for lunar excursion module	1963
19710077637	Vibration test report for relief valve assembly, P/N 873948, addendum 1	1963
19710077638	Vibration test report for relief valve assembly, P/N 873948	1963
19710077639	Burst disc evaluation test P/N 242568	1963
19710077823	Apollo program Monthly progress report, Jul. 1963	1963
19710077837	GSE end item specification for earth landing system equipment weight and balance, model A14-048	1963
19710077853	GSE end item specification for electrical junction box, model no. C14-025	1963
19710077854	Apollo support equipment maintenance handbook, test conductor console model C14-019	1963
19710077857	GSE end item specification for ground cooling cart, model no. A14-011	1963
19710077867	GSE end item specification for command module cover, model no. A14-010	1963
19710077868	GSE end item specification for command module substitute unit, model no. A14-002 /A14-101 configuration/	1963
19710077869	Apollo program - Boilerplate no. 6 end item test plan	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077872	Apollo program Monthly progress report, Feb. 1963	1963
19710077880	Apollo integration support plan	1963
19710077881	GSE end item specification for positioning trailer narrow base, model H14-052	1963
19710077897	GSE end item specification for sling-launch escape tower, model no. H14-002	1963
19710077898	GSE end item specification for escape tower support, model H14-018	1963
19710077899	Apollo Support Equipment Maintenance Handbook, Telemetry Kit, Model C14-174	1963
19710077900	GSE end item specification for pyrotechnic initiators substitute set, model no. A14-003 /A14-101 configuration/	1963
19710077901	GSE end item specification for junction box assembly-trailer, B/P6, model no. C14-169	1963
19710077902	Pretest report for tests of Apollo FD-5 free oscillation dynamic stability models to determine strake effects in the 11 by 11 foot test section of the Ames unitary plan wind tunnels	1963
19710077903	Pretest report for low speed tests on the 0.105 scale Apollo FS-2 command module static force model at high roll angles in the 7 by 7 foot NAA trisonic wind tunnel	1963
19710077904	GSE end item specification for sling horizontal handling LES and LE motor, model no. H14-085	1963
19710077913	Hardware list Little Joe 2 project	1963
19710077914	Vendor requirements for signal conditioning assembly	1963
19710077917	Apollo support equipment maintenance handbook, checkout trailer, model C14-173	1963
19710077919	Propulsion System Maintenance and Repair Manual - Little Joe 2	1963
19710077922	Monthly progress report no. 6	1963
19710077924	LEM maintenance plan	1963
19710077964	Shroud and adapter LEM - Little Joe 2 vendor requirement for	1963
19710077965	Preliminary test plan LTA-3	1963
19710077981	Trajectory and throttle ratio analysis /U/	1963
19710077991	GSE end item specification for FWD compartment shield sling, model no. H14-057	1963
19710077992	GSE end item specification for support base assy tubular, boilerplate	1963
19710078030	Apollo guidance and navigation system - Development plan. Volume 2 - Manufacturing plan	1963
19710078032	The 25 IRIG-Apollo program Monthly report for Feb. 1963	1963
19710078035	Apollo guidance and navigation system Quarterly technical progress report, 1 Jul. 1963 - 30 Sep. 1963	1963
19710078052	GSE end item specification for launch escape sequencer bench maintenance equipment, model no. C14-029	1963
19710078063	Proposed vibration design and test procedure for the lunar excursion module	1963
19710078076	Vendor requirement for propellant tank assembly descent stage	1963
19710078077	Apollo boilerplate 6. WSMR site support only - Operation and test procedures for assembly, erection, system/integrated systems checkout, and launch	1963
19710078078	Preliminary plan for LTA-2 landing stability demonstration tests	1963
19710078080	Apollo launch escape system maintenance procedures	1963
19710078082	Acceleration and random noise vibration	1963
19710078093	GSE end item specification for sling set weight and balance	1963
19710078097	GSE end item specification for data recording group, model no. C14-020	1963
19710078106	GSE end item specification for boatswain's chair, model H14-093	1963
19710078107	Apollo guidance and navigation system development plan. Volume 3 - Reliability program plan	1963
19710078108	Apollo earth landing system maintenance procedures	1963
19710078112	NASA system design and research Bimonthly progress report, 1 Jun. - 31 Jul. 1964	1963
19710078116	GSE end item specification for junction box assembly, pad, B/P 6, model C14-171	1963
19710078117	GSE end item specification for sling assembly, test vehicle adapter, model H14-9014	1963
19710078118	GSE end item specification for trailer, checkout, model C14-173	1963
19710078140	LEM requirements for O and C building at AMR	1963
19710078142	Radar Quarterly progress report	1963
19710078144	Little Joe 2 test launch vehicle Monthly progress report	1963
19710078149	NASA system design and research Bimonthly progress report, 1 Oct. - 30 Nov. 1963	1963
19710078155	Radar Quarterly progress report, 1 May - 31 Aug. 1963	1963
19710078162	Apollo 25 IRIG Quarterly progress report, 1 Feb. - 30 Apr. 1963	1963
19710078163	Ground support equipment planning and requirements list	1963
19710078203	Apollo guidance and navigation system Monthly reliability progress report, Apr. 1963	1963
19710078204	Apollo guidance and navigation system - Development plan. Volume 1 - Engineering program plan	1963
19710078268	GSE end item specification for sling-jettison motor, model no. H14-043	1963
19710078315	IBM RTCC monthly progress report no. 7, 1-30 Jun. 1963	1963
19710078354	GSE end item specification for C-band radar transponder checkout unit, model no. C14-112	1963
19710078361	Apollo guidance and navigation system. Development plan. Volume 4 - Quality assurance plan	1963
19710078433	NASA system design and research Bimonthly progress report, 1 Aug. - 30 Sep. 1963	1963
19710078441	GSE end item specification for launch escape tower substitute unit, model no. A14-001	1963
19710078444	Test plan - Little Joe 2 test launch vehicle	1963
19710078501	GSE end item specification for launch escape system weight and balance fixture, model H14-016	1963
19710078503	GSE end item specification for signal conditioner, model C14-135	1963
19710078504	GSE end item specification for jack-set weight and balance, model H14-9015	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078505	GSE end item specification for general purpose dolly, model H14-9076	1963
19710078521	Ground support equipment planning and requirements list	1963
19710078522	The 25 IRIG Apollo Quarterly progress report	1963
19710078524	Apollo support equipment maintenance handbook checkout trailer, model C14-173 /applicable to boilerplate 12 only/	1963
19710078525	GSE end item specification for launch escape alignment stand, model H14-011	1963
19710078537	A lunar shelter airlock	1963
19710078605	Pretest report for tests of Apollo FD-5 free oscillation, dynamic stability models in the AEDC VKF tunnel A	1963
19710078606	Pretest report for the 0.045 scale Apollo force model FSJ-3 wind tunnel test in the AEDC Von Karman Gas Dynamics Facility tunnel A	1963
19710078609	Design control specification for analog and digital assemblies	1963
19710078611	GSE end item specification for pyrotechnics B/M equipment, model no. C14-051	1963
19710078613	GSE end item specification for electrical set, model no. C14-108	1963
19710078621	GSE end item specification for antenna checkout group, model no. C14-032	1963
19710078624	GSE end item specification for heat shield sling /model H14-9056/	1963
19710078625	GSE end item specification for stand access, recovery area /model no. H14-090/	1963
19710078635	GSE end item specification for spacecraft sling /with LES/ /model no. H14-074/	1963
19710078636	Pretest report for the 0.045-scale Apollo pressure model /PS-3/ with strakes in the Langley 8 foot transonic pressure wind tunnel	1963
19710078668	GSE end item specification for telemetry kit /model no. C14-174/	1963
19710078669	Apollo guidance and navigation system Monthly technical progress report, Apr. 1963	1963
19710078670	Apollo guidance and navigation system Monthly technical progress report, 31 Jan. 1963	1963
19710078682	Apollo quarterly reliability progress report, 1 October - 31 December 1962	1963
19710078685	Apollo combined systems maintenance procedures NASA support manual	1963
19710078821	Lunar orbit rendezvous reference trajectory data package. Analysis of Apollo trajectories, 20 January - 17 February 1968	1963
19710078977	Apollo support program Monthly progress report, Apr. 1963	1963
19710079017	Preliminary considerations for Apollo suborbital abort trajectories	1963
19710079018	Project Apollo information flow, analysis, method	1963
19710079019	Mathematical technique for Apollo operations modeling	1963
19710079022	Apollo support program Progress report, Jan. 1963	1963
19710079024	Apollo program major mission events related to gross interfaces for the SA-509, first lunar man landing mission, liftoff through earth touchdown	1963
19710079025	Project Apollo - A method for development of ground tracks for near earth operations	1963
19710079048	Ground checkout of Apollo space vehicles at MILA	1963
19710079049	Lunar photographic orbiter - Lighting and viewing conditions	1963
19710079068	Hypervelocity impact testing of glass materials	1963
19710079069	Recommendation for design modification and repackaging of Apollo CM-PCM/TM equipment	1963
19710079076	Lunar orbit rendezvous reference trajectory data package. Summary and reference trajectory data exhibits, volume 1	1963
19710079147	A survey of ammonium nitrate and double-base propellants. Volume 1 - Ammonium nitrate /U/	1963
19710079293	A survey of ammonium nitrate and double base propellants. Volume 2 - Double base propellants /U/	1963
19710079352	Optical/IR instrumentation, reduction and analysis /U/ Quarterly progress report	1963
19710079490	Supersonic transport propulsion system component research and study program auxiliary power extraction, volume 3	1963
19710079690	Operational test of the APR-HIRAN installation in the RC-130A aircraft Final report	1963
19710079816	Launch vehicle man-rating. Volume 2 - Emergency considerations /U/	1963
19710079817	Launch vehicle man-rating. Volume 3 - Design aspects /U/	1963
19710080708	Little Joe 2 test launch vehicle Monthly progress report	1963
19710080709	GSE end item specification for umbilical junction box model number C14-136	1963
19710080760	GSE end item specification for base support, service module and adapter, model no. H14-9030	1963
19710080761	GSE end specification for umbilical junction box, model C14-192	1963
19710080762	GSE end item specification for junction box assembly, trailer, model number C14-170	1963
19710080763	GSE end item specification for launch control group, model C14-414	1963
19710080768	GSE end item specification for data distribution and recording console, model C14-420	1963
19710080770	GSE end item specification for launch escape tower substitute unit model no. A14-001 /20/ configuration/	1963
19710080772	GSE end item specification for fluid distribution system, model no. S14-036	1963
19710080779	GSE end item specification for test conductor group, model C14-019 /-101 configuration/	1963
19710080780	GSE end item specification for antenna checkout group, model C14-032 /-101 configuration/	1963
19710080781	GSE end item specification for cap and plug set, model A14-026 /-101 configuration/	1963
19710080782	GSE end item specification for access stand, service module external, model H14-109	1963
19710080785	GSE end item specification for sling, forward compartment shield model H14-057 /-101 configuration/	1963
19710080792	GSE end item specification for electrical junction box, model C14-435	1963
19710080793	Project Apollo - Fixed inclination reentry tracks for water landings	1963
19710080794	NASA support manual - Apollo maintenance procedures for boilerplate 16	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080807	Project Apollo - The usefulness of infinite clipping in speech processing, cases 20053-1 and 39812	1963
19710080822	GSE end item specification for electrical cable set, model number C14-108 /-31 configuration/	1963
19710080824	Apollo guidance and navigation system Monthly progress report, 28 Feb. 1963	1963
19710080827	GSE end item specification for weight and balance fixture service module and spacecraft adapter, model H14-9059	1963
19710080828	GSE end item specification for sling assembly F-2 fixture, model no. H14-106	1963
19710080837	GSE end item specification for fuel and oxidizer tank sling, H14-060	1963
19710080838	Umbilical connectors for boilerplates 12, 22, and 23	1963
19710080841	GSE end item specification for handling and installation set-RCS, model H14-098	1963
19710080860	GSE end item specification for C-band antenna coupler, model number C14-166	1963
19710080861	Apollo guidance and navigation system Monthly reliability progress report, Feb. 1963	1963
19710080862	GSE end item specification for cooling unit, water glycol, model S14-052 /-101 configuration/	1963
19710080866	End item test plan for boilerplate 12	1963
19710080867	GSE end item specification for servicing unit, research and development instrumentation cooling system, model no. S14-055	1963
19710080871	GSE end item specification for launch escape system cover, model A14-022 /-101 configuration/	1963
19710080892	GSE end item specification for electrical junction box, model C14-437	1963
19710080893	GSE end item specification crossover distributor, spacecraft GSE, model no. A14-076	1963
19710080894	GSE end item specification for electrical cable set, model C14-186	1963
19710080896	GSE end item specification for disconnect set - Umbilical, fluid and electrical, model no. A14-024	1963
19710080897	GSE end item specification for launch vehicle substitute unit, C-1, model no. A14-021	1963
19710080902	GSE end item specification for thrust chamber assembly alignment bench maintenance equipmet, model number C14-408 /-0001 configuration/	1963
19710080905	NASA support manual - Apollo maintenance procedures for boilerplate 15. Project Apollo	1963
19710080920	GSE end item specification for telemetry ground station, model C14-021	1963
19710080928	GSE end item specification for adapter-roll over, model H14-084	1963
19710080931	Operational flight control study Final report	1963
19710080932	Apollo transportation and handling procedures /applicable to boilerplate 9 only/ NASA support manual	1963
19710080939	Apollo program Monthly progress report, Nov. 1963	1963
19710080941	GSE end item specification for launch vehicle substitute unit, Little Joe 2, model A14-018	1963
19710080962	GSE end item specification for signal conditioner model C14-135 /-101 configuration/	1963
19710080964	GSE end item specification for sling set, weight and balance, model H14-9006 /-101 configuration/	1963
19710080966	GSE end item specification for sling, Jettison motor, model H14-043 /-101 configuration/	1963
19710080986	Generalization of matrices for constraining the leading zonal gravity coefficient beta	1963
19710080988	GSE end item specification for launch escape sequencer bench maintenance equipment, model no. C14-029	1963
19710081043	GSE end item specification for vehicle, spacecraft, vertical transport, model no. H14-131	1963
19710081044	GSE end item specification for battery charging unit, model no. S14-015 /-101 configuration/	1963
19710082023	Apollo guidance and navigation system - Development plan. Volume 5 - Facilities plan	1963
19710082035	GSE end item specification for wrench set, torqueles model no. H14-142	1963
19710082113	LTA-5 measurements list	1963
19710082120	GSE end item specification for terminal distributor model no. C14-191	1963
19710082237	A heat transfer study of a nuclear rocket reactor	1963
19710082370	An evaluation of hazards to launching aircraft from the detonation of 5.0 inches aircraft rocket Mk 40 /ZUNI/ at the end of burning	1963
19710082553	Summary of RCS and OAMS - Performance Characteristics for Proposed Low-Mixture Ratio TCA Operation /U/	1963
19710082722	Ecological and bio-geographical consequences of massive technological enterprises - The space program as a case study	1963
19710082789	GSE end item specification for launch escape jettison motor dummy, model A14-039	1963
19710082860	Specification for qualification tests of the launch sequence timer for use in the ignition subsystem of the Little Joe 2 launch test vehicle	1963
19710082861	Apollo support program Monthly financial report, Aug. 1963	1963
19710082864	Apollo support program Monthly financial report, Nov. 1963	1963
19710082866	Apollo support program Monthly financial report, Jul. 1963	1963
19710082868	Drawing list, Apollo spacecraft complete Technical report, 28 Jan. - 8 Feb. 1963	1963
19710082872	Apollo monthly failure summary, June 1963	1963
19710082910	Ground support equipment performance and interface specification for emergency shower, pallet mounted - Little Joe 2 P/N 12-91023	1963
19710082911	Ground support equipment performance and interface specification for platform, destruct charge installation - Little Joe 2 P/N 12-91016	1963
19710082913	Drawing list - Apollo spacecraft complete	1963
19710082966	Drawing list, Apollo spacecraft complete, 24 September 1963	1963
19710082967	Drawing list, Apollo spacecraft complete, 21 May 1963	1963
19710082968	Drawing list, Apollo spacecraft complete, 18 June 1963	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082971	Drawing list, Apollo spacecraft complete, 28 August 1963	1963
19710082972	Drawing list, Apollo spacecraft complete, 12 September 1963	1963
19710083028	Cleanliness requirements attitude control system components	1963
19710083029	Crimping of electrical connections	1963
19710083093	Apollo spacecraft complete drawing list, 25 March - 5 April 1963	1963
19710083094	NASA inspection and review of M-1 mock-up lunar excursion module Board report, 16-18 Sep. 1963	1963
19710083103	Drawing list - Apollo spacecraft complete	1963
19710083104	Apollo spacecraft complete drawing list, 17-29 June, 1963	1963
19710083106	Little Joe test launch vehicle Monthly progress report, 1-31 Jul. 1963	1963
19710083107	Apollo spacecraft complete drawing list, 22 April - 4 May 1963	1963
19710083108	Apollo spacecraft complete drawing list, 8-20 April 1963	1963
19710083109	Apollo spacecraft complete drawing list, 14-25 January 1963	1963
19710083112	Ground support equipment - Performance and interface specification for ground service supply hoses, Little Joe 2 P/N's 12-91103-1, 12-91104-1, and 12-91105-1	1963
19710083116	Drawing list - Apollo spacecraft complete	1963
19710083117	Drawing list - Apollo spacecraft complete	1963
19710083122	Drawing list - Apollo spacecraft complete	1963
19710083123	Drawing list - Apollo spacecraft complete	1963
19710083124	Apollo system checkout requirements specification	1963
19710083127	Apollo spacecraft complete drawing list, 17-28 December 1962	1963
19710083128	Drawing list - Apollo spacecraft complete	1963
19710083129	Apollo maintenance concept	1963
19710083134	Drawing list - Apollo spacecraft complete	1963
19710083139	Little Joe 2 test launch vehicle Monthly progress report	1963
19710083140	Little Joe 2 test launch vehicle - Test plan	1963
19710083142	Little Joe 2 test launch vehicle Quarterly progress report, 3 Jul. - 27 Sep. 1963	1963
19710083146	Apollo monthly failure summary	1963
19710083151	Little Joe 2, actuator dynamic spring rate determination	1963
19710083154	Drawing list, Apollo spacecraft complete, 4 June 1963	1963
19710083157	Matrix of OMSF level Apollo program requirements documents	1963
19710083161	Little Joe 2 failure analysis	1963
19710083164	Effects of reaction control motor on/off delay time on stability and control of Little Joe 2	1963
19710083182	Vibration qualification of the hydraulic sub-system in Little Joe 2	1963
19710083194	Drawing list, Apollo spacecraft complete, 7-19 October 1963	1963
19710083207	Apollo maintenance concept	1963
19710083211	Character of the Mach boundary in a limited cross section of two dimensional and symmetrical laval nozzles	1963
19710083214	Flight flutter instrumentation for Little Joe 2 qualification test vehicle	1963
19710083229	Ground support equipment performance and specification for adapter, forward fin pin tool - Little Joe 2 P/N 12-91015-1	1963
19710083259	Little Joe 2 test launch vehicle Monthly quality report, 27 May - 28 Jun. 1963	1963
19710083297	Little Joe 2 attitude control fin static proof test Planning report	1963
19710083302	Radiation configuration factors program	1963
19710083360	Analytical investigation of the propagation of round and cylindrical waves	1963
19710083382	Alignment mirror assembly Final test method	1963
19710083397	Apollo integration tree outline plan	1963
19710083404	Apollo support program Monthly progress report, Aug. 1963	1963
19710083436	Apollo monthly failure summary, September 1963	1963
19710083437	Apollo monthly failure summary, August 1963	1963
19710083457	Ground support equipment - Performance and interference specification for transfer room equipment rack, Little Joe 2, P/N-12-61311-1	1963
19710083467	Apollo test and operations reliability assessment procedures and checklists /RA-3/	1963
19710083476	Saturn, Apollo SA-6 launch vehicle to spacecraft A level electrical interface report	1963
19710083477	Apollo Pert Associated Cost Category reporting system /PACC/ /Apollo program control/	1963
19710083486	Launch escape motors and C/M reaction control engines	1963
19710083488	Little Joe 2 test launch vehicle Monthly progress report	1963
19710083489	Launch operations program and schedule - Little Joe 2 launch vehicle 12-50-2, Apollo high q abort /A-001/ mission	1963
19710083490	Effects of aerodynamic and inertia cross- coupling on Little Joe 2 stability	1963
19710083491	Apollo guidance and navigation - Reliability and quality assurance Quarterly status report	1963
19710083492	Integrated system tests of the Little Joe 2 control system	1963
19710083496	Ground support equipment performance and interface specification for power room equipment rack - Little Joe 2 P/N 12-61333-1	1963
19710083502	Qualification test procedure for hydraulic servo cylinder-aerodynamic attitude control. GDC part no. 12-40100-3 /-801/. Project Apollo	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083509	Little Joe 2 test launch vehicle Quarterly reliability status report no. 5	1963
19710083511	Apollo support program Monthly progress report, Jul. 1963	1963
19710083516	Apollo monthly failure summary	1963
19710083517	Qualification status list NASA project Apollo test launch vehicle, Little Joe 2	1963
19710083531	Apollo monthly failure summary	1963
19710083539	Apollo GSE qualification program study results	1963
19710083547	Apollo wind tunnel program report	1963
19710083548	Little Joe 2 attitude control fin - Static proof test results, model 12	1963
19710083571	Apollo support program Monthly progress, Feb. 1963	1963
19710083607	Preliminary analysis of the Little Joe 2 - Logic and contest test	1963
19710083616	Little Joe 2 - Aerodynamic attitude control system category A test	1963
19710083621	Dynamic and static properties of two configurations of aluminum honeycomb	1963
19710083622	Catalyst bed life test procedure for motor assembly, P/N 892602	1963
19710083627	Drawing list, Apollo spacecraft complete	1963
19710083630	Apollo support program - Configuration support Progress report	1963
19710083631	Dynamic and static properties of two configurations of aluminum honeycomb	1963
19710083638	Drawing and specification list, Apollo spacecraft complete	1963
19710083642	Drawing and specification list, Apollo spacecraft complete	1963
19710083650	Apollo program familiarization	1963
19710083652	LEM adaptor trade-off study	1963
19710083679	Apollo support program Monthly progress report, Dec. 1962	1963
19710083684	Apollo reliability program /RA-100/	1963
19710083693	Apollo support program - Monthly financial report, June 1963	1963
19710083697	Apollo monthly failure summary, July 1963	1963
19710083712	Drawing list, Apollo spacecraft complete, 21 October - 2 November 1963	1963
19710083714	Lunar excursion model Study summary report	1963
19710083720	Water glycol separation study Final report	1963
19710083724	Model contract document work statement for Apollo - Preliminary draft	1963
19710083725	Spare parts provisioning and logistics plan, PACE-S/C ground station	1963
19710083731	Procedures interface task Contract summary report	1963
19710083733	Apollo Electrical Support Equipment /ESE/, specifications and standards	1963
19710083740	Structural analysis of the 0.045-scale Apollo force and pressure models /FS-3 and PS-3/	1963
19710083741	Contract data requirements research and development for Project Apollo spacecraft	1963
19710083743	Apollo manufacturing plan	1963
19710083745	Summary of currently identified Apollo program requirements documents Informal report	1963
19710083746	Functional line diagram task Contract summary report	1963
19710083752	Definition of Apollo documentation terms	1963
19710083755	Procedures interface task	1963
19710083756	Measurements list for LEM 1 and 2	1963
19710083759	Design analysis on utilizing PLSS cartridges in LEM ECS, revision B	1963
19710083760	Lunar excursion model Study summary report	1963
19710083761	Material evaluation procedures for LEM crew compartment	1963
19710083767	Summary of currently identified Apollo program requirements documents, additional listing of items to basic issue of DIS 02- 6311-016, November 15, 1963	1963
19710083769	Equipment interface task Contract summary report	1963
19710083771	Apollo system test requirements /second draft/	1963
19710083791	Pretest report for the 0.085-scale Apollo force model FSJ-1 - Wind tunnel tests in the NASA Langley Research Center 16-ft transonic tunnel	1963
19710083792	LEM requirements for the static test site at AMR	1963
19710083796	Apollo configuration management plan Preliminary report	1963
19710083806	Apollo spacecraft packaging and transport plans	1963
19710083809	End item data packages /deliverable/ for NASA programs	1963
19710083810	Apollo measurement requirements. Volume 1 - Master measurement list	1963
19710083813	Zero-gravity fluid behavior	1963
19710083814	Some zero-gravity problems of manned space flight	1963
19710083815	Definition of potential zero and low g problems related to space vehicle design	1963
19710083816	Lewis Research Center zero-gravity research program and facilities	1963
19710083817	The Lewis Center aircraft zero-gravity test facilities	1963
19710083818	Liquid-vapor interface configuration and time response	1963
19710083819	Effect of outflow and acceleration disturbances on the liquid-vapor interface	1963
19710083820	The design of propellant tankage suitable for use during weightlessness	1963
19710083821	Pumping considerations for zero-gravity applications	1963
19710083822	Centaur propellant interface control in coast flight	1963
19710083823	Nucleate boiling bubble dynamics in saturated water under reduced gravity conditions	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083824	The effect of weightlessness on the pressure rise characteristics of a hydrogen dewar subjected to radiant heating	1963
19710083825	Introduction of magnetic colloids into propellants for liquid orientation and venting control in zero-gravity by means of magnetic body forces	1963
19710083826	Forced convective boiling and super critical heat transfer in a flow system under a varying body force including zero-gravity	1963
19710083827	Zero-gravity and reduced-gravity simulation on a pool boiling system /including burnout/ using magnetic body forces on a colloidal magnetic fluid	1963
19710083828	Project MECA presentation	1963
19710083829	Project MECA rocket experiment and WASP sounding rocket	1963
19710083830	The effects of zero-gravity and low gravity on the start up of the nuclear rocket	1963
19710083831	Research in support of zero and reduced gravity fluid mechanics and heat transfer	1963
19710083832	Free fall capsule feasibility and capillary pump test requirements	1963
19710083833	Operation of electrochemical cells in low gravity environments	1963
19710083834	Life support zero-gravity experiments	1963
19710083835	The X-15 as a zero-gravity test facility	1963
19710083836	On the stability of liquid layers spread over simple curved bodies	1963
19710083837	An investigation of the liquid equilibrium free surface in an area of low gravity forces and small rates of rotation	1963
19710083838	Analysis of the variation of the pitch motion of a vehicle due to fuel sloshing in a space environment	1963
19710083839	Two condenser projects for space power	1963
19710083857	Quality control program plan for lunar excursion module. Volume 2 - Exhibits	1963
19710083862	Hydraulic and pneumatic aerodynamic attitude control system - Little Joe 2 production fin	1963
19710083872	Ground support equipment performance and interface specification for console, attitude control, Little Joe 2, P/N 12-61340-1	1963
19710083884	Activation implementation plan for LEM facilities at Merritt Island launch area, Eastern Test Range, Florida	1963
19710083895	Interim mass properties reporting procedure - Program requirement document	1963
19710083898	Apollo recommended reliability program provisions	1963
19710083905	Apollo manufacturing reliability assessment procedures and checklists /RA-2/	1963
19710083907	Apollo support program Monthly progress report, Nov. 1963	1963
19710083948	Apollo spacecraft Monthly quality status report, Jun. 1963	1963
19710083949	Structural analysis of the Apollo 0.085-scale FSJ-1 force model	1963
19710083953	Apollo spacecraft Monthly quality status report, 1-31 Jan. 1963	1963
19710083954	Pretest report for the Apollo jet plume test in the AEDC RTF J2A test cell	1963
19710083962	Measurements list for LEM no. 1	1963
19710083965	Apollo support program Monthly progress report, Jan. 1963	1963
19710083988	Attitude control and logic amplifier, part of the attitude control subsystem, model 12, Little Joe 2 project	1963
19710083990	Apollo support program monthly progress report, May 1963	1963
19710083991	Draft program scheduling manual	1963
19710083993	Vibration and shock test procedure for Little Joe 2 reaction control system shipping crate	1963
19710083994	Attitude reference sub-system of the attitude control sub-system, model 12 - Little Joe 2 project	1963
19710084003	Pitch programmer for attitude reference subsystem of the attitude control system, model 12, Little Joe 2 project	1963
19710084006	Specification for packaging requirements for reaction control system components, Little Joe 2	1963
19710084037	Facility requirements for LEM at the MSC environmental test facilities	1963
19710084051	Little Joe 2 thrust bulkhead vibration test	1963
19710084059	Quality control program plan for lunar excursion module, volume 1	1963
19710084060	Apollo integrated systems GSE operational concept, boilerplates 6, 12, 23	1963
19710084063	Apollo spacecraft Monthly quality status report, Apr. 1963	1963
19710084064	Apollo spacecraft Monthly quality status report, 1-28 Feb. 1963	1963
19710084069	Monthly quality status report, Apollo spacecraft	1963
19710084070	Monthly quality status report, Apollo spacecraft	1963
19710084093	Apollo measurement requirements. Volume 3 - Airframe and test fixture measurement list	1963
19710084111	Comments to the integrated Apollo qualification status listing	1963
19710084114	A preliminary study for a LEM solar flare warning /alert/ system	1963
19710084122	Summary of currently identified Apollo program requirements documents	1963
19710084125	Program plan development, report of recommendations	1963
19710084129	Third NASA/NAA operations review meeting	1963
19710084145	LEM 10 measurements list, revision A	1963
19710084152	Preliminary model of Apollo program requirements documents	1963
19710084154	MILA checkout operations plan, volume 1	1963
19710084156	Recommended guidelines and standards for test point availability	1963
19710084157	LEM engineering simulation program Semiannual status report	1963
19710084164	Quality control program plan for lunar excursion module, volume 1	1963
19710084191	Ballistic missile reentry systems /U/ Quarterly progress report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084408	Project Apollo - Reentry study for Apollo C and TS Progress report no. 1	1963
19710084450	Apollo design reliability assessment procedures and checklists /RA-1/	1963
19710084716	Reliability modeling and estimating procedures for Apollo subsystems analysis /preliminary draft/	1963
19710084717	Contract data requirements, Apollo command module heat shield ablative panels, Avco Corporation	1963
19710084722	Preliminary list of existing and recommended center prepared Apollo documents for submittal to APO, headquarters	1963
19710084765	Experimental compact arc spectral report	1963
19710085066	Particle size distribution in the air. Part 6 - Dallas Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085085	Particle size distribution in the air. Part 18 - Marineland Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085086	Particle size distribution in the air. Part 19 - San Francisco 2 Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085091	Particle size distribution in the air. Part 12 - Hunter-Liggett Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085092	Particle size distribution in the air. Part 17 - San Francisco 1 Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085093	Particle size distribution in the air. Part 13 - Fort Detrick Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085094	Particle size distribution in the air. Part 15 - Chicago area Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085103	Particle size distribution in the air. Part 5 - Flagstaff Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085105	Particle size distribution in the air. Part 9 - Miami 1 Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085106	Particle size distribution in the air. Part 4 - Phoenix 2 Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085107	Particle size distribution in the air. Part 3 - Phoenix 1 Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085109	Particle size distribution in the air. Part 7 - Forresteron Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085110	Particle size distribution in the air. Part 8 - New Orleans Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085111	Particle size distribution in the air. Part 2 - Dugway Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085118	Particle size distribution in the air. Part 13 - Fort Myers Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085119	Particle size distribution in the air. Part 11 - Opa-Locka Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085127	Particle size distribution in the air. Part 10 - Miami 2 Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085168	Particle size distribution in the air. Part 16 - Denver Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085181	Particle size distribution in the air. Part 1 - Abstract and introduction Statistical data summary, Oct. 1961 - Sep. 1962	1963
19710085384	Vibration test procedure for Fuel Tank Assembly P/N 892586	1963
19710085746	Monthly quality status report, Apollo spacecraft, 10 October 1963	1963
19710085874	Apollo spacecraft Monthly quality status report, 10 August 1963	1963
19710085883	Apollo monthly failure summary, month ending 10 November 1963	1963
19710085894	Monthly quality status report, Apollo spacecraft, 10 September 1963	1963
19710085902	Apollo qualification status list	1963
19710085907	A fundamental dynamic method of calibrating high pressure transducers	1963
19710085929	Apollo monthly reliability progress report, Jan. 1963	1963
19710085981	Apollo quality control plan, volume 1	1963
19710086125	Apollo program Monthly progress report, Apr. 1963	1963
19710086126	Mathematical simulation of Apollo checkout	1963
19710086205	Integrated Apollo qualification status listing, preliminary	1963
19710086219	Apollo manned centrifuge program. Test plan, phase 1	1963
19710086317	CDC-924 system program. Relocatable Binary Paper Tape Loader, RBPTL	1963
19710086666	Data summary and trajectory report. AMR test no. 976, Minuteman missile no. 425A, 11 April 1963 /U/	1963
19720063655	A study of liquid hydrogen in zero gravity	1963
19720063656	Noncavitating and cavitating performance of a liquid-fluorine pump designed by stream filament method	1963
19720063657	Effect of water addition on microwave transmission through a cold plasma layer	1963
19720063659	Design and cold-air evaluation of a four-stage 8-inch-mean-diameter reverse flow reentry turbine	1963
19720063725	The underwater noise produced by a model of a ground effect machine hovering over water	1963
19720063743	The artificial radiation belt	1963
19720063756	Interstage pressures and forces during high-altitude stage separation with operating upper stage engine	1963
19720063766	Static stability and control characteristics of a 0.030-scale model of a Little Joe 2-Apollo space vehicle at Mach numbers from 1.57 to 4.65	1963
19720063771	The transonic longitudinal and lateral aerodynamic characteristics of a low-fineness-ratio elliptic hypersonic configuration employing variable sweep wing panels for improving subsonic lift and performance	1963
19720063793	Section A: Circuit analysis techniques. Section B: Systems analysis techniques, volume 1	1963
19720063846	A proposed spacecraft-to-earth communications link: The unified carrier approach	1963
19720063848	HF frequency selection and reliability analysis for the Apollo recovery mission	1963
19720063884	Longitudinal and lateral aerodynamic characteristics at Mach numbers of 3.00, 3.96, and 4.65 of a low-fineness-ratio elliptic hypersonic configuration having variable-sweep wing panels	1963
19720063970	Message from the President of the United States transmitting a report of the projects and progress of the National Aeronautics and Space Administration for the period 1 July through 31 December 1962, pursuant to the National Aeronautics and Space Act of 1958, as amended	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720064114	Analysis of the lunar orbit determination	1963
19720064121	On the Steady State and Transient Operating Characteristics of Long Cylindrical Shroud Supersonic Ejectors (With Emphasis on the Viscous Interaction Between the Primary and Secondary Streams)	1963
19720064414	Thermal Adjustment of Separated Flow to Transient External Flow Conditions in Short Duration Experiments	1963
19720065115	Wind-tunnel investigation of the static longitudinal aerodynamic characteristics of several configurations of a proposed Little Joe 2-Apollo space vehicle at Mach numbers from 0.30 to 1.20	1963
19720065118	Aerodynamic characteristics of 0.016-scale models of two- and three-stage Saturn launch vehicles with conical and winged spacecraft at Mach numbers from 1.57 to 4.65	1963
19720065119	Effects of booster fins on static stability characteristics of a 0.02 scale model of the Titan 3 launch vehicle with the Dyna-Soar glider and a bulbous nose at Mach numbers from 1.60 to 3.50	1963
19720065122	Wind tunnel investigation at transonic speeds of the static aerodynamic characteristics and pressure distributions of a three-stage Saturn launch vehicle	1963
19720065129	Investigation at transonic Mach numbers of the effects of configuration geometry on surface pressure distributions for a simulated launch vehicle	1963
19720065308	The Longitudinal and Lateral Aerodynamic Characteristics at Mach Numbers from 0.60 to 1.20 of a Variable-sweep Fighter Model with Wing Sweeps Varying from 25 Deg to 75 Deg	1963
19720065309	Pressure distribution at a Mach number of 24.5 on a symmetrical blunt-faced reentry body at angles of attack from 0 deg to 40 deg in helium including an investigation of afterbody sting effects	1963
19720065310	Effect of highly swept fins on the aerodynamic heating distribution on a fuselage at Mach numbers of 3.51 and 4.50 and angles of attack from 0 deg to 16 deg	1963
19720065311	Longitudinal aerodynamic characteristics at Mach numbers from 0.28 to 2.50 of a multipurpose tactical airplane configuration having variable-sweep wings and externally mounted engines	1963
19720065312	Pressure distribution on a blunt-leading-edge modified-delta-planform reentry configuration at a Mach number of 6.0	1963
19720065313	Aerodynamic characteristics of a 1/22-scale model of a fighter airplane with an extended forebody and other modifications at Mach numbers of 1.57 and 2.01	1963
19720065314	Static longitudinal and lateral aerodynamic characteristics at Mach numbers of 2.36 and 2.86 of a variable sweep airplane configuration having vertical ramp inlets	1963
19720065315	Static longitudinal and lateral aerodynamic characteristic at a Mach number of 2.20 of a variable sweep fighter airplane configuration having body mounted nacelles with vertical ramp inlets	1963
19720065316	Low-speed aerodynamic characteristics of a proposed supersonic transport configuration having a 53.13 deg delta wing and forward and aft controls in combination	1963
19720065317	Static longitudinal and lateral aerodynamic characteristics at Mach numbers of 1.41 and 2.20 of a variable sweep airplane configuration having body mounted nacelles with conical inlets	1963
19720065318	Stability and control characteristics of a low-lift-drag-ratio reentry vehicle at Mach numbers from 2.30 to 4.65	1963
19720065319	Wind-tunnel investigation at Mach numbers of 2.50, 2.96, 3.95, and 4.63 of static aerodynamic characteristics of airplane configuration having tail surfaces outboard of wing tips	1963
19720065320	Longitudinal stability and control characteristics of a generalized missile configuration employing several different bulk type control schemes at a Mach number of 6.01	1963
19720065348	Stability and drag characteristics of three low-drag reentry bodies obtained with free-flight models at Mach numbers between 5.0 and 7.0	1963
19720065349	Heat-transfer and pressure distributions of two flat-face sharp-corner bodies of revolution at a Mach number of 8 and comparison with data for a round-corner body	1963
19720065351	A method for predicting the normal-force characteristics of delta wings at angles of attack from 0 deg to 90 deg	1963
19720065352	Effects of twin-vertical-tail arrangement on the aerodynamic characteristics at a Mach number of 2.20 of a model of an 83.5 deg delta wing airplane having auxiliary variable sweep wing panels	1963
19720065353	Transonic wind-tunnel investigation of the aerodynamic characteristics of six nose shapes in combination with a basic two stage launch vehicle	1963
19720065356	Static longitudinal and lateral aerodynamic characteristics at mach numbers of 1.41 and 2.20 of a model of a low aspect ratio 83.5 deg delta wing airplane having auxiliary variable sweep wing panels	1963
19720065362	Performance characteristics at Mach numbers up to 1.29 of a blow-in-door ejector nozzle with doors fixed in full-open position	1963
19720065381	Pressure distributions on a blunt nose lifting reentry body with flaps at a Mach number of 6.0 with emphasis on the nature of the local flow	1963
19720065390	Effects of plugged nacelles and differential controls on a supersonic transport model with outboard tail surfaces at supersonic speeds	1963
19720065394	Low speed aerodynamic characteristics of a modified blunt 13 deg half-cone lifting-body configuration having deployable horizontal tails with or without variable-sweep wings	1963
19720065402	Manned space flight, 1963	1963
19720065468	Aerodynamic characteristics in pitch of six ballistic reentry models at a Mach number of 10.03	1963
19720065476	Internal flow characteristics of a fixed-geometry induction system, having axial symmetry, at Mach numbers from 2.8 to 4.2	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720065477	Static lateral and directional stability and control characteristics of a 1/40-scale model of a 60 deg delta wing bomber configuration at a Mach number of 1.61	1963
19720065478	Static longitudinal and lateral aerodynamic characteristics at a Mach number of 2.20 of a model of an 82 deg delta wing airplane having auxiliary variable-sweep wing panels	1963
19720065479	An exploratory investigation at a Mach number of 6.9 into the use of aerodynamic controls for modulating the lift-drag ratio of an Apollo type configuration	1963
19720065480	Longitudinal stability and control characteristics of an air-to-air missile configuration at Mach numbers of 2.30 and 4.60 and angles of attack from minus 45 deg to 90 deg	1963
19720065524	X-15 structural temperature measurements and calculations for flights to maximum Mach numbers of approximately 4, 5, and 6	1963
19720065525	A Comparison of the Hypersonic Static Stability Characteristics of Blunt and Pointed Nosed Slender Entry Vehicles	1963
19720065529	Low speed lateral stability characteristics of an 83.5 deg delta-wing aircraft model having auxiliary variable sweep wing panels and various vertical tail arrangements	1963
19720065530	Aerodynamics characteristics at Mach numbers of 2.30, 2.60, and 2.96 of a supersonic transport model with a blended wing-body, variable sweep auxiliary wing panels, outboard tail surfaces, and a design Mach number of 2.6	1963
19720065531	Longitudinal Aerodynamic Characteristics at Mach Numbers from 0.50 to 1.20 of a Supersonic Transport Model with a Blended Wing-Body, Variable Sweep Auxiliary Wing Panels, and Outboard Tail Surfaces	1963
19720065533	An approach to obtaining increased supersonic lift-drag ratios and reduced sonic boom	1963
19720065535	Selected results from a low-speed investigation of the aerodynamic characteristics of a supersonic transport configuration having an outboard pivot variable sweep wing	1963
19720065614	Low-speed aerodynamic characteristics of a double-pivot variable-wing-sweep airplane configuration having conventional and outboard horizontal tail surfaces	1963
19720065616	Reliability program provisions for space system contractors	1963
19720065629	Comparison of experimental control effectiveness of a flat-bottom canted-nose halfcone reentry configuration with that obtained by several methods of prediction for various types of local flow at a Mach number of 6.0	1963
19720065630	Theoretical and experimental longitudinal and lateral static stability and control characteristics of a series of axisymmetric high drag reentry vehicles at a Mach number of 6.7	1963
19720065631	Static longitudinal and lateral aerodynamic characteristics at Mach numbers of 1.41 and 2.20 of a variable-sweep airplane configuration having vertical-ramp inlets	1963
19720065633	Aerodynamic characteristics at transonic speeds of an airplane configuration with an 83.5 deg delta wing having auxiliary variable-sweep wing panels	1963
19720065634	Sting and jet interference effects on the afterbody drag of a twin-engine variable sweep fighter model at transonic speeds	1963
19720065635	Heat transfer to a hemispherically blunted 9 deg half-angle cone during free flight at Mach numbers up to 20.8	1963
19720065659	Longitudinal aerodynamic characteristics of several thick-slab delta wings at Mach numbers of 3.00, 4.50, and 6.00 and angles of attack to 95 deg	1963
19720065660	The longitudinal and lateral aerodynamic characteristics at Mach numbers of 1.41 and 2.20 of a variable-sweep fighter model with wing sweeps varying from 25 deg to 75 deg	1963
19720065661	Summary of aerodynamic characteristics of a winged reentry vehicle at Mach numbers from 0.06 to 9.6 with detailed results at a Mach number of 9.6	1963
19720065662	Static stability and longitudinal control characteristics of a lenticularshaped reentry vehicle at Mach numbers of 3.5 and 4.65	1963
19720065663	Low-speed longitudinal aerodynamic characteristics of an 83.5 deg delta-wing airplane model having auxiliary variable-sweep wing panels	1963
19720065664	Supersonic longitudinal aerodynamic characteristics of two wing-body configurations employing wapped arrow wings of varying dihedral	1963
19720065665	Effect of bypass air on the performance of a blow-in-door ejector nozzle at transonic speeds	1963
19720065666	Longitudinal stability and aerodynamic characteristics of a reentry vehicle configuration having an extendable leading edge at a Mach number of 10.03 and angles of attack from 50 deg to 90 deg	1963
19720065727	A high sensitivity solid state light detector	1963
19720065887	Fuel retention of clad tungsten-uranium dioxide dispersions during fission heating at high temperatures	1963
19720065896	Transonic aerodynamic characteristics of the dyna-soar glider and Titan 3 launch vehicle configuration with various fin arrangements	1963
19720066124	Analytical studies of systems integration problems for advanced electric propulsion systems	1963
19720066150	The first flight of Stratoscope 2	1963
19720066578	Effects of weightless on man during US suborbital and orbital flights	1963
19720067237	Apollo study report, Volume 1	1963
19720067238	Apollo study report, Volume 2	1963
19720067306	Appendix, lunar facsimile capsule, phase 1. Design specifications for top tube subassembly, azimuth drive mechanism, extension mechanism, payload structure	1963
19720067571	The formation and stability of an electromagnetic boundary in a pinch	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720067573	Pulsed electromagnetic gas acceleration	1963
19720067574	A gas-triggered inverse pinch switch	1963
19720067969	Reliability mathematical model saturn S-4B stage	1963
19720067983	Handout for Saturn S-4B Vehicle Dynamics and Control Working Group Meeting	1963
19720068016	Functional description of a single axis stabilization loop of a stable platform system	1963
19720068018	On crossings of arbitrary curves by certain Gaussian processes	1963
19720068019	On excursions outside arbitrary curves by stationary normal stochastic processes	1963
19720068020	Inefficiency of time to failure data for estimating reliability	1963
19720068039	Measurements of the acceleration of reflected shock waves by means of a new heat transfer gauge	1963
19720068669	Special study of the research and development effort required to provide a US lunar construction capability. Volume 2: Technical data	1963
19720068788	Test procedure for proof loading ascent stage dolly	1963
19720068791	Crew activities on initial lunar landing mission	1963
19720068806	Apollo guidance and navigation system	1963
19720068820	Apollo support program	1963
19720068840	Monthly progress report no. 24, February 1965	1963
19720068842	Failure report and corrective action summary	1963
19720068852	A preliminary analysis of lunar surface models for LEM landing	1963
19720068853	Apollo guidance and navigation system	1963
19720068855	Project Apollo guidance and navigation program	1963
19720068874	Preliminary thoughts on the utilization of an injection laser radar as a sensor for the lunar excursion module	1963
19720068884	Attitude rules and criteria for lunar orbital rendezvous mission	1963
19720068886	Reliability program plan for DPLCS	1963
19720068894	Project Apollo guidance and navigation program	1963
19720068898	Spacecraft mechanical system	1963
19720068914	Project Apollo guidance and navigation program	1963
19720068921	Ground support equipment, planning and requirements	1963
19720068951	CDC-924 system program. BCD prestored input inspection program, TAPETEST	1963
19720069030	Final test method for alignment mirror assembly	1963
19720069032	Apollo fuel cell powerplant development test plan, PWA-2146	1963
19720069044	Report of the ad hoc working group on Apollo experiments and training on the scientific aspects of the Apollo program	1963
19720069054	Preliminary Complex 39 hurricane plan	1963
19720069074	Grumman quarterly summary of quality control program performance audits for lunar excursion module	1963
19720069086	Apollo spacecraft	1963
19720069088	Reliability data system activities report	1963
19720069108	Reliability studies of the Saturn C-1 launch vehicle, tasks 2 - 5	1963
19720069116	Structural analysis of the Apollo 0.045-scale FSJ-3 force model	1963
19720069120	Apollo semiannual materials report	1963
19720069124	Apollo wind tunnel program report	1963
19720069138	Quality control performance audits Apollo spacecraft	1963
19720069143	Pretest report for the static and transient pressure tests of the 0.055-scale Apollo PSTL-2 model in the Ames Research Center 9- x 7- and 11- x 11-foot wind tunnels	1963
19720069145	Apollo guidance and navigation failure reporting and corrective action plan	1963
19720069148	A description of the modified Monte Carlo checkout simulation, 28 June - 1 September 1963	1963
19720069149	Pretest report for the 0.105 scale Apollo force Model FS-2 in the Ames 11- by 11-foot, 9- by 7-foot, and 8- by 7-foot unitary plan wind tunnels	1963
19720069150	Application to National Aeronautics and Space Administration for industrial facilities Apollo program vacuum facility	1963
19720069175	Configuration plan Apollo program, part A	1963
19720069201	A rapid graphical technique for obtaining radar data time history for close earth orbits	1963
19720069239	AFRM 011 handling GSE operational flow sequence	1963
19720069245	Apollo guidance and navigation system	1963
19720069248	Apollo spacecraft: GOSS communications circuit margins	1963
19720069307	Ground support equipment planning and requirements list	1963
19720069316	Standardization of selenographic direction references	1963
19720069319	Outline of a model systems integration documentation plan	1963
19720069327	Preliminary configuration plan Apollo program, part B	1963
19720069417	Quality control performance audits Apollo spacecraft	1963
19720069441	Signal data demodulator for Apollo unified S-band system	1963
19720069650	Injection laser optical radar	1963
19720069679	Apollo interface control operating procedures	1963
19720069947	End-item test plan for boilerplate 13	1963
19720070362	Test methods, experiences and results of vibration measurements in the Do 27	1963
19720070394	Investigation of the service life behavior of bonded metals	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070890	Final calculated weight report, Polaris A3 missile (U)	1963
19720072147	A gimballess universal attitude reference display for inertial guidance: The GUARD ball	1963
19720072170	Natural Environment and Physical Standards for Project Apollo	1963
19720072172	Stabilization and control subsystem for the lunar excursion module	1963
19720072389	Wind tunnel force tests of various configurations of the sand vehicle model (program 3-104)	1963
19720072703	HAWK liner process and product improvement program (U)	1963
19720073236	Development of nondestructive testing for J-57 turbine and compressor blades	1963
19720073258	The 1963 state of the art and trends in space transportation systems, supplement	1963
19720073579	An electronic data processing system for the Sidewinder G and C section test data summarization program	1963
19720073777	General Atomic briefing charts for the pre-beginning meeting, 27 June 1963 (U)	1963
19720073779	Supporting Technical Information for a Manned Research Laboratory System	1963
19720074036	Path-adaptive guidance applied to Saturn C-1 block 2: Three dimensional steering functions and cutoff functions for a circular orbit mission	1963
19720074040	Apollo environmental criteria specification	1963
19720074041	A preliminary investigation of the measured atmospheric effects	1963
19720074070	System requirements analysis orientation guide	1963
19720074071	Obtaining production through people	1963
19720074082	The beverage direction finder	1963
19720074321	Ultrahigh vacuum environmental testing and materials development for the Apollo guidance system	1963
19720074322	Apollo spacecraft: GOSS communications circuit margins	1963
19720074328	Studies of lunar logistics system payload performance	1963
19720074330	Project Apollo: Fixed inclination reentry tracks for water landings	1963
19720074592	On Taylor's stability problems of rotating cylinders with an added axial flow	1963
19720074994	Earth orbit determination capability of a radar measuring range, range-rate and angles	1963
19720075024	NASA system design and research	1963
19720075366	Report on task 5: Apollo mission assurance	1963
19720075367	An analysis of the value of a lunar logistic system. Part 4: Some comments on the evaluation of lunar logistic systems	1963
19720075368	Penetration of spacecraft by lunar secondary meteoroids	1963
19720075369	Lunar radar studies	1963
19720075370	Lunar photographic orbiter: General description	1963
19720075371	Summary of Bell Comm report entitled, "'Photometry and Polarimetry of the Moon and Their Relationship to the Physical Properties of the Lunar Surface'"	1963
19720075372	Transmission techniques for Apollo ship-shore communications	1963
19720075385	Lunar excursion module contingency study	1963
19720075386	Lightning protection for Saturn Launch Complex 39	1963
19720075387	Advanced checkout techniques and hardware studies	1963
19720075389	Operational intercom system study for Launch Complex 39 facilities	1963
19720075390	A preliminary approach to a communications and tracking mission description, volume 1	1963
19720075392	Characteristics of some precision lunar trajectories	1963
19720075393	LEM spacecraft communications circuit margins	1963
19720075394	Speech intelligibility criteria for Apollo VHF AM communication links	1963
19720075395	SEC vidicon LEM TV camera report	1963
19720075396	Functional requirements for LEM subsystem controls and displays	1963
19720075401	Mass properties standard	1963
19720075402	Apollo mission reliability and safety estimation procedures	1963
19720075403	Apollo electronic reliability prediction procedures	1963
19720075404	Manned space flight reliability data procedures and summaries	1963
19720075405	Requirements for data from unmanned spacecraft in support of project Apollo, issue no. 2	1963
19720075409	Apollo plasma reentry studies	1963
19720075414	Thermal grounding analysis for circuit structures	1963
19720075426	Site data processor: Input buffer	1963
19720075428	Evaluation of new and novel devices, equipment, and techniques for checkout and maintenance	1963
19720075431	Checkout effectiveness analysis	1963
19720075432	Apollo: A plan for systems integration of performance rounds	1963
19720075434	Guidance and control study for the extended-mission Apollo (XMAS)	1963
19720075559	Study of SNAP power systems in the lunar environment, volume 2	1963
19720075914	Reliability analysis of Saturn 1 emergency detection system	1963
19720076018	Saturn 1B launch vehicle mission plan and technical information checklist, Volume 1	1963
19720076184	Structural analysis of the 0.055 scale Apollo transient pressure model (PSTL-2)	1963
19720076187	The Unified Carrier System	1963
19720076188	Accident investigation report, Apollo B/P 3, fifth drop test	1963
19720077073	An explicit guidance approach to terminal steering (U)	1963
19720077143	LEM Auxiliary Guidance System	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077181	Proposal for a design study of Psychophysiological Information Acquisition, Processing, And Control System (PIAPACS). Volume 1: Technical	1963
19720077766	Feasibility Studies of Supersonic Commercial Air Transport Configuration	1963
19720077774	Advanced Nuclear-Electric Power Generator System Study Thermionic Nuclear Space Powerplant,	1963
19720078147	Space systems and support requirements for solar and interplanetary probes	1963
19720079247	Apollo test and operations reliability assessment procedures and checklists (RA-3)	1963
19720079836	Quality evaluation laboratory nondestructive test program	1963
19720079971	Saturn 1 technical information check list	1963
19720080497	Second generation expendable nuclear stage, advanced systems program status (slide summary)	1963
19720080506	Basic criteria engine test stand no. 2 at NRDS	1963
19720080510	Preliminary control and analysis of the dynamics of malfunctions of the AJ30-5 NERVA engine	1963
19720080671	Evaluation of nondestructive test applications to large solid propellant rocket motors	1963
19720080776	Evaluation of subminiature aluminum electrolytic capacitors (subtask 1A)	1963
19720081104	Design and construction of sample holders for orbital temperature control coatings experiment. Volume 1: Design, analysis, and test results	1963
19720081105	Design and construction of sample holders for orbital temperature control coatings experiment. Volume 2: Calibration data and drawings	1963
19720081335	Environmental design criteria for Saturn S-11	1963
19730060794	On extreme values of certain normal non-stationary stochastic processes	1963
19730061048	A comparison of the readout resolutions of the proportional elastance VS constant elastance torque-to-balance systems	1963
19730061130	Proceedings of the NASA-AEC Liquid-Metals Corrosion Meeting, Volume 2	1963
19730061376	Optimization of nuclear-rocket powerplant parameters	1963
19730061721	Computer analysis techniques, volume 2	1963
19730062060	Gemini launch vehicle monitoring in the IMCC	1963
19730062140	Advanced nuclear electric power generator system study	1963
19730062468	Nuclear lunar logistics system study	1963
19730063288	The utility of libration point satellites	1963
19730063333	Applications in astronomy suitable for study by means of manned orbiting observatories and related instrumentation and operational requirements, volume 1	1963
19730063366	Environmental safety aspects of nuclear rocket flight operations	1963
19730064187	Natural environment manual	1963
19730064692	Generation of valid long time creep data on refractory alloys	1963
19730064698	Orbital flight handbook, volume 1	1963
19730064699	Lunar flight handbook, volume 2	1963
19730064703	The evaluation and selection of major R and D sources: A study of current and proposed practices	1963
19730064726	Space programs summary no. 37-21, volume 2 for the period 1 March - 30 April 1963. The planetary - interplanetary program	1963
19730064874	Spherical high-energy solid-propellant rocket motor	1963
19730064875	Space programs summary no. 37-22, volume 2 for the period 1 May - 30 June 1963. The planetary - interplanetary program	1963
19730064914	Procedure for the preparation and testing of JPL-X600 propellants	1963
19730064920	Space programs summary no. 37-20, volume 2 for the period 1 January - 28 February 1963. The planetary-interplanetary program	1963
19730064922	Space programs summary no. 37-19, volume 2 for the period 1 November - 31 December 1962. The planetary-interplanetary program	1963
19730064942	Turbomachinery	1963
19730064962	The Mariner R project	1963
19730065000	Project Mercury (MODM project)	1963
19730065121	The M-1 Rocket Engine Project	1963
19730065125	Quarterly Summary Report no. 38-10 for the period 1 October - 31 December 1962	1963
19730065126	Polymer degradation mechanisms	1963
19730065127	A study of the ultimate properties of amorphous gum vulcanizates	1963
19730065128	Continuous medium theory applied to viscoelastic strain analysis, 2	1963
19730065208	Supporting research and advanced development	1963
19730065220	Weight and balance report	1963
19730065229	Apollo Spacecraft Applications	1963
19730065232	Space programs summary no. 37-23, volume 5, for the period 1 August - 30 September 1963. Supporting research and advanced development	1963
19730065233	Quarterly summary report no. 38-13, for the period 1 July to 30 September 1963	1963
19730065340	Project Gemini	1963
19730065377	Apollo reentry guidance	1963
19730065527	The status of development of photosynthetic gas exchangers	1963
19730065528	Project Mercury (MODM project)	1963
19730065529	Slide reprints of presentation at NASA Headquarters, Washington, D. C.	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730065530	Weight and balance report	1963
19730065531	Specification for procurement of Apollo inertial reference integrating gyro instrumentation laboratory	1963
19730065605	KIWI-B-1B Reactor Experiment	1963
19730065634	Space maneuvering propulsion study	1963
19730065684	Quarterly Summary Report no. 38-11 for, the period 1 January - 31 March 1963	1963
19730065739	Mercury-Atlas no. 8 (MA-8) spacecraft no. 16 data report	1963
19730065740	Apollo spacecraft description manual high dynamic pressure abort	1963
19730066808	Project Gemini: Mission and mathematical analysis	1963
19730066945	Research on synthesis of elastomer reinforcing polymeric particles	1963
19730067066	SCATS design document. Part 1: System design	1963
19730067357	Parametric analysis of turbulent wakes in slender body reentry	1963
19730067512	Apollo study report supplement	1963
19730067538	Evaluation of anticriticality destruct system concepts	1963
19730067542	NRX-A assembly stands and fixtures design report	1963
19730067543	Comparative evaluation of pneumatic actuators for the NERVA reactor	1963
19730067544	A study of post-nova launch vehicles, phase 3	1963
19730067580	Early manned interplanetary mission study, volume 2	1963
19730067598	Fuel element binder studies	1963
19730067605	Experimental evaluation of secondary pumping systems for ETS-2	1963
19730067606	Radioisotope fueled generator compendium and parametric study	1963
19730067608	Kiwi B-5 shield stress and vibration analysis, volume 1	1963
19730067610	Nuclear lunar logistic study, volume 2	1963
19730067618	Operational requirements for radioactive materials handling, decontamination, and storage complex at NRDS	1963
19730067620	A consideration of the problems relating to feasibility, utility and development of electrical propulsion systems	1963
19730067625	Vibration test of an electro-pneumatic actuator Bendix model ND-D1	1963
19730067627	KIWI B-5 shield stress and vibration analysis. Volume 2: Appendix references	1963
19730067980	KIWI B-5 shield air flow distribution test	1963
19730067982	Failure mode analysis summary NERVA control drum actuator proposed by General Electric (model AG-14)	1963
19730067989	NRX-A shipping container design report	1963
19730067991	Radiation effects data book, volume 2	1963
19730067992	Test report on a WANL radiation test of NERVA components (GTR test number four)	1963
19730067993	Mandatory facility addition engine test stand no. 1 at NRDS	1963
19730067995	RIFT integrated test plan	1963
19730068020	Investigation of static and dynamic coefficient of friction (for various combinations of material)	1963
19730068022	Vibration test of an electro-pneumatic actuator General Electric model 7T-AG14-A01	1963
19730068024	NRX-AI test plan, revision 1	1963
19730068027	NRX-A component test program	1963
19730068028	Failure mode analysis summary NARVA control drum actuator proposed by Bendix, (model ND-D1)	1963
19730068031	Feasibility of radioisotope power for manned orbiting laboratories	1963
19730068036	Mission oriented advanced nuclear system parametric study, phase 1	1963
19730068037	Temperature and flow distribution among the channels of a rocket propulsion nuclear reactor	1963
19730068039	Hydrodynamics of NERVA core immersion	1963
19730068047	Description and performance characteristics of a control drum actuation system	1963
19730069138	Evaluation of KIWI hydraulic actuator for NRX-A application	1963
19730069142	Nuclear lunar logistics study, volume 1	1963
19730069198	Engineering study and analysis of a large diameter antenna system	1963
19730069214	A Study of Early Manned Interplanetary Missions, Addendum	1963
19730069226	Analytical study of in-pile thermionic systems	1963
19730069229	Analytical study of in-pile thermionic systems	1963
19730069287	A human factors evaluation of the Mauler Weapon system: System noise evaluation	1963
19730069951	Advanced nuclear-electric power generator system study, volume 1	1963
19730069952	Summary of NERVA Instrumentation Review Meeting at SNPO-C	1963
19730069954	Analytical study of in-pile thermionic systems	1963
19730069961	Advanced lunar transportation study, volume 1	1963
19730069967	A consideration of the problems relating to feasibility, utility and development of electrical propulsion systems	1963
19730069969	Comparative study of advanced lunar transportation systems	1963
19730070913	Lunar logistic system payload performance study. Volume 2: Technical	1963
19730071030	Liquid metal technology: Experience and capabilities	1963
19730071059	Saturn space debris study appendices	1963
19730071081	Dynamic vision. 5: The application of dynamic vision studies to operational situations	1963
19730071847	Apollo configuration management	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072759	Technical evaluation of optical communication set AN/SAC-5 (XN-2)	1963
19730072937	Low input voltage dc to dc converter	1963
19730073028	Evaluation of airstrip at Binh Hung, South Vietnam	1963
19730073369	Project Apollo Flight mission directive for little Joe 2 Qualification Test Vehicle (QTV) no. 1	1963
19730073381	An approximate method of calculating the angle of attack response of the C-1 vehicle due to winds measured prior to launch	1963
19730073390	Manned one-day mission, mission directive for Mercury-Atlas mission 9 (MA-9 spacecraft 20)	1963
19730073395	Project Mercury calculated preflight trajectory data for the manned one-day Mercury Atlas mission (MA-9) (spacecraft 20 - Atlas 130-D)	1963
19730073396	Project Mercury calculated preflight abort trajectory data and flight dynamics display data for the manned one-day Mercury-Atlas mission (MA-9) (spacecraft 20 - Atlas 130-D)	1963
19730073404	Project Apollo	1963
19730073411	CM/SM performance to lunar equatorial landing sites for 7 and 8 day missions with free return translunar trajectories launched daily in the first quarter of 1968	1963
19730073470	The calculation of thermodynamic functions of mixtures of real gases	1963
19730073824	Project Apollo flight mission directive for pad abort 1	1963
19730073825	Project Apollo lunar landing mission sequence	1963
19730073826	Mission directive for Gemini-Titan 2 mission 1, GT-1 (spacecraft no. 1)	1963
19730073843	Project Apollo: Static longitudinal characteristics of the production Little Joe 2-Apollo configuration with control surfaces on the booster fins	1963
19730074291	Potassium corrosion test loop development	1963
19730075128	Compilation of papers presented at Meteoroid Hazard Review and Planning Meeting	1963
19730075129	Explorer 16 micrometeoroid satellite: Introduction	1963
19730075130	Micrometeoroid Hazard to thin structural materials as determined from results of the pressurized cell experiment on Explorer 16	1963
19730075131	Data from cadmium-sulfide cells aboard the Explorer 16	1963
19730075132	Meteoroid impact detection systems	1963
19730075133	Micrometeoroid paraglider project review	1963
19730075134	S.55C and S-55D meteoroid satellites	1963
19730075135	Meteor simulation	1963
19730075136	The Saturn-launched meteoroid measurement capsule system	1963
19730075137	Proposed lunar meteoroid experiments and flight measurements of meteoroid craters	1963
19730075138	Atlas meteoroid experiment	1963
19730075139	Harvard radio meteor project	1963
19730075140	Meteorite photography and recovery of the Smithsonian Astrophysical Observatory	1963
19730075141	MSFC radar meteor program with the National Research Council of Canada	1963
19730075142	Research conducted on the Langley hypervelocity impact range	1963
19730075143	Review of theoretical hypervelocity impact analyses in progress at Langley Research Center	1963
19730075144	The GSFC hypervelocity program	1963
19730075145	Investigation of high speed projectile impacts into liquid-filled tanks	1963
19730075147	Meteoroid hazard and programs for waste-heat radiators for space powerplants	1963
19730075148	Acceleration techniques under development at Langley	1963
19730075149	MSFC meteoroid research program	1963
19730075150	MSC sporadic meteoroid environment	1963
19730075151	The effect of meteoroid flux variations on the reliability of space vehicles	1963
19730075152	Dust bombardment on the lunar surface	1963
19730075498	The laser	1963
19730077053	Solar Probe Report. Volume 1: Scientific Objectives	1963
19730077054	Solar Probe Report. Volume 2: Summary	1963
19730077055	Solar Probe Report. Volume 3: Technical Documentation	1963
19730077108	Conceptual rotating space vehicle designs using Apollo components for simulation of artificial gravity	1963
19730077109	Application of promising ablative materials on a Mercury flight test	1963
19730077116	Post-NOVA launch vehicle study. Volume 6: Operational plan and cost formulation	1963
19730077117	Preliminary analysis of velocity requirements for orbit-to-orbit round-trip missions to Mars	1963
19730077127	A study of the application of laser techniques to weapon systems (U)	1963
19730077629	Research and applications for a manned orbital laboratory	1963
19730077708	Advanced combustion chamber (toroid)	1963
19730077711	Aerodynamic nozzle study	1963
19730077712	Multi-chamber engine investigation	1963
19730077715	Multi-chamber engine investigation	1963
19730077716	High pressure pumping technology	1963
19730077717	Investigation of the use of hydrogen as a secondary injectant for thrust vector control	1963
19730077721	Development of catalysts for monopropellant decomposition of hydrazine	1963
19730078044	Investigation and development of propellant feed systems for manned space vehicles	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730078073	Phase 1 and 2 post-Nova launch vehicle study. Volume 4: Structural, strength, acoustics, and weight considerations	1963
19730078074	Phase 1 and 2 post-Nova launch vehicle study. Volume 3: Propulsion, thermodynamics, and guidance and control aspects	1963
19730078076	Advanced nuclear-electric power generator system study. Volume 3: Rankin cycle nuclear space powerplant	1963
19730078088	Monthly progress report, March 1963	1963
19730078089	Fourth stage rocket for Scot: Development of rocket motor X258 B1	1963
19730078090	Design of NASA propellant gas injection system: Propellant gas valves	1963
19740072134	General design characteristics of the Apollo guidance computer	1963
19740072198	Study of hybrid propulsion systems for Apollo lunar landings and takeoffs	1963
19740072199	Space programs summary no. 37-21, volume 1, for the period 1 Mar. - 30 Apr. 1963. The Lunar Program	1963
19740072200	The lunar program	1963
19740072202	Project Gemini	1963
19740072204	Quarterly summary report no. 38-12, for the period 1 April 30 June 1963	1963
19740072248	Space programs summary no. 37-24, volume 2 for the period 1 September - 31 October 1963. The planetary-interplanetary program	1963
19740072319	Nuclear Propulsion for Rockets: ROVER	1963
19740072441	Testing of the Graphite-type Nuclear Rocket (Rover) Fuel in a Pulsed Reactor (TREAT)	1963
19740072442	LASL Rover Program	1963
19740072446	Development of batch formulation equations for graphite fuel elements	1963
19740072516	Gemini Impact Probability Study	1963
19740072765	Apollo centrifuge program outline. Phase 1: (Engineering development and pilot familiarization	1963
19740072789	Space station radiation hazard analysis	1963
19740072812	Visual detection of protuberance hazards on the lunar surface	1963
19740072823	Gemini Launch Vehicle Working Group Launch Test Directive Gemini Launch Vehicle 1 (AF SN 62-12556)	1963
19740072868	Aerodynamic nozzle study. Volume 1: Summary	1963
19740072878	Some Observations Related to the Computation of System Reliability by Monte Carlo Methods	1963
19740072883	LEM emergency abort guidance system study	1963
19740072885	Advanced control system for the Saturn 5 configuration	1963
19740072971	A compilation of ground tracks of various circular and elliptical orbits	1963
19740073025	Evaluation of advanced combustion chamber (toroid), volume 2	1963
19740073026	Manned space flight, 1963	1963
19740073039	Analytical and experimental determination of liquid hydrogen temperature stratification	1963
19740073044	Saturn SA-3 postflight trajectory	1963
19740073133	Lunar orbit rendezvous reference trajectory data package: Proposed LOR RTDP mission analyses	1963
19740073309	Studies of Refractory-Metal-UO ₂ Fuel Materials	1963
19740073356	Results of the third Saturn 1 launch vehicle test flight	1963
19740073377	Evaluation of advanced combustion chamber (toroid). Volume 1: Summary	1963
19740073381	Space programs summary no. 37-20, volume 5 for the period 1 February - 31 March 1963. Supporting research and advanced development	1963
19740073462	Pluto, Report No. 16	1963
19740073463	Pluto, Report No. 15	1963
19740073464	Pluto, Rreport No. 14	1963
19740073465	Specification for procurement of Apollo inertial reference integrating gyro	1963
19740073469	Postlaunch memorandum report Mercury-Atlas 9 (MA-9). Part 3: Mission Transcripts	1963
19740073522	Force and moment tests of the NAA 0.02-scale Apollo model in the JPL 20-inch supersonic wind tunnel	1963
19740073531	Modified Apollo logistics spacecraft	1963
19740073540	The lunar program. Space programs summary no. 37-22, volume 1	1963
19740073549	Test of a North American Aviation X-15 research-vehicle model in the JPL 21-inch hypersonic wind tunnel	1963
19740073550	Valve and system design for 6500 F chamber bled thrust vector control	1963
19740073642	Post-NOVA launch vehicle study, phases 1 and 2, volume 8	1963
19740073649	Space programs summary No. 37-24, volume 1, for the period 1 September - 31 October 1963. The lunar program	1963
19740073664	Rigid body control study for SA-5	1963
19740073672	Saturn SA-4 postflight trajectory	1963
19740073680	Firing test report, Saturn 1, SA-4. Part 2a: Consolidated instrumentation plan	1963
19740073700	A comparative design study of modular stage concepts for lunar supply operations. Volume 3: Development plans and cost analyses	1963
19740073719	LOR RTDP contents definition document	1963
19740073732	Mechanical properties of NERVA fuel material	1963
19740073753	Lunar orbit rendezvous reference trajectory data package: Analysis of LOR ascent maneuvers with plane change	1963
19740073772	Space programs summary no. 37-23, volume 1 for the period 1 July - 31 August 1963. The lunar program	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740074034	A further amplification of radiation protection criteria for the exposure of man to space radiations on missions of short duration	1963
19740074166	Space programs summary no. 37-19, volume 5 for the period 1 December 1962 - 31 January 1963. Supporting research and advanced development	1963
19740074239	A comparative design study of modular stage concepts for lunar supply operations	1963
19740074353	Thermal Stress Investigation of Solid Propellant Grainsboosters	1963
19740074384	A comparative design study of modular stage concepts for lunar supply operation. Volume 1: Summary report	1963
19740074393	Safety report for the Westinghouse astronuclear experimental facility	1963
19740074397	Rendezvous and docking requirements for Saturn-based systems	1963
19740074414	Turbine power control valve actuating system: Bendix model no. NT-B4, part no. 2775004, serial no. 10: Test data and results	1963
19740074415	Assembly procedures, NRX-A1	1963
19740074417	NRX-A block 1 mechanical design	1963
19740074418	Advanced nuclear-electric power generator system study. Volume 1: Thermionic nuclear space powerplant	1963
19740074422	Failure mode analysis summary, NERVA NRX-A reactor	1963
19740074423	NRX-A component test program	1963
19740074424	Thermophysical properties of NERVA reference fuel	1963
19740074431	JPL X600 propellant, a urea-containing polyurethane propellant	1963
19740074439	Space Programs Summary No. 37-21, Volume 5 for the Period 1 April - 31 May 1963	1963
19740074453	Turbine power control valve actuator, model NT-C2, Part No. 2775022, Serial No. 13: Test data and results	1963
19740074458	Turbine power control valve actuating system Bendix model no. NT-B4 part no. 2775004, serial no. 9	1963
19740074464	Assembly procedures NRX-A., revision A	1963
19740074733	Investigation of space rendezvous propulsion system requirements. Volume 4: Tables and figures	1963
19740074745	Study of a manned Mars landing mission using a Mars orbit rendezvous profile. Addendum B: Review of nuclear propulsion systems	1963
19740074747	Turbine power control valve actuator model NT-B3, part no. 2151872, serial no. 6: Test data and results	1963
19740074753	SNAP 8. Volume 2: Fuel element fabrication and development	1963
19740074781	Generation 2 NERVA engine simulator	1963
19740074796	Advanced nuclear-electric power generator system study: Rankine cycle nuclear space powerplant	1963
19740074803	Study of alternate guidance techniques for the Apollo spacecraft	1963
19740074804	SNAP-8 PCS program. Volume 1: Text	1963
19740074816	Study of LEM for lunar orbital reconnaissance	1963
19740074817	Study of alternate guidance techniques for the Apollo spacecraft	1963
19740074819	Thrust chambers, 1	1963
19740074828	X-20 Boost, Hypersonic, Approach, and Air Launch Phase Load Conditions	1963
19740074831	Aerodynamic coefficients for Little Joe 2, Apollo based on wind tunnel tests	1963
19740074842	Direct flight study using Saturn C-5 for Apollo project. Volume 1: Summary	1963
19740075001	Solar probe study. Volume 2: Scientific objectives	1963
19740075055	RF Attenuation for the Titan 3/X-20 Launch Mission	1963
19740075199	Transient irradiation experiments on NERVA fuel material	1963
19740075224	Performance characteristics of a turbine power control valve actuation system	1963
19740075270	Data Report Ames Research Center 9 Feet X 7 Feet and 11 Feet X 11 Feet Unitary Plan Wind Tunnels, Test Nos. 114 and 90. Hypersonic and Transonic Airload Distribution Tests of AD-603M-1, a.075 Scale Model of the 844-2050 Dyna-Soar Glider Vehicle, Volume 1	1963
19740075271	Data Report Ames Research Center 9 Feet X 7 Feet and 11 Feet X 11 Feet Unitary Plan Wind Tunnels, Test Nos. 114 and 90. Supersonic and Transonic Airload Distribution Tests of AD-603M-1, a.075 Scale Model of the 844-2050 Dyna-Soar Glider Vehicle	1963
19740075272	Preliminary evaluation of high performance propellant systems for the Apollo vehicle	1963
19740075276	A High Speed Force and Hinge Moment Test on the X-20 Glider	1963
19740075282	Apollo guidance and navigation: Weight and balance report	1963
19740075283	Preliminary considerations leading to development of a contingency plan for the Apollo project	1963
19740075286	Comparative evaluation of thermal protective materials for space suit assemblies	1963
19740075289	Parametric studies report. Advanced nuclear electric power generator system study. Rankine cycle nuclear space powerplant	1963
19740075370	Historical origins of the National Aeronautics and Space Administration	1963
19740075372	Nuclear Lunar Logistics Study, Summary Volume	1963
19740075409	High impulse BNH solid propellant development	1963
19740075621	Irradiation studies on NERVA fuel material	1963
19740075625	Assembly procedures, phase 1 vibration (core - inner reflector)	1963
19740075629	SNAP-8 electrical generating system development program	1963
19740075711	Research and advanced development of a 2 KW arc-jet thruster	1963
19740075955	Glider Flight Control Subsystem Analysis Report (X-20)	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740075964	Data Report Ames Research Center 9 Feet X 7 Feet and 11 Feet X 11 Feet Unitary Plan Wind Tunnels, Test Nos. 114 and 90. Supersonic and Transonic Airload Distribution Tests of an AD-603M-1, A.075 Scale Model of the 844-2050 Dyna-Soar Glider Vehicle, Volume 3	1963
19740075990	Studies for sterilization of space probe components	1963
19740076014	SNAP-8 electrical generation system development program	1963
19740076015	Space programs summary no. 37-19, volume 1 for the period 1 November - 31 December 1962. The lunar program	1963
19740076033	Preliminary NRX-A assembly procedures cold assembly at WANL	1963
19740076034	Hydrogen corrosion testing of NERVA reference fuel	1963
19740076304	Hypersonic Shock Tunnel Heat Transfer and Pressure Investigation of the Boeing Company X-20 Configuration	1963
19740076321	Nuclear lunar logistics study	1963
19740076328	X-20 CTS Description. X-20 (Dyna-Soar) Communications and Tracking Subsystem	1963
19740076330	A preliminary evaluation of the environmental safety aspects of nuclear rocket flight operations	1963
19740076376	Design Analysis Report for X-20 Remote Control Recovery System, Volume 1	1963
19740076490	X-20 (Dyna-Soar) Communications and Tracking Subsystem	1963
19740076538	Ranger 6 and Ranger 7. Volume 3: Supplementary range safety	1963
19740076953	X-20 (Dyna-Soar) Communications and Tracking Subsystem	1963
19740076961	Specification for Airborne Radio Set X-20 (Dyna-Soar) Communications and Tracking Subsystem	1963
19740076975	The Thor AD Family of Space Boosters	1963
19740077083	X-20A System Development Test Plan Annex No. 2. Air Launch Mission Model	1963
19740077775	Chemistry of living systems	1963
19740077833	Synchronous Meteorological Satellite (SMS): Tiros feasibility study	1963
19740078207	The Tiros-wheel spacecraft with an APT camera	1963
19740078317	Tiros 6 meteorological satellite system, volume 1	1963
19740078326	Tiros 3 radiation data users' manual supplement	1963
19740078584	The Tiros 4 meteorological satellite system	1963
19740078616	Study of propellant stress analysis and rheology in relation to motor size and thrust level for large solid propellant rocket motors	1963
19740078627	X-20 Dyna-Solar Primary Guidance Subsystem	1963
19740078941	Tiros 4 meteorological satellite system, volume 1	1963
19740078942	Tiros 5 meteorological satellite system, volume 1	1963
19740078953	Tiros 4 radiation data catalog and users' manual	1963
19740078972	Instrument report for a trapped radiation experiment for EGO (S-49) (OGO-1)	1963
19740078985	Aracon utility program package for the CDC 160-A computer configuration program documentation	1963
19740078988	Extract from Aracon Laboratories technical note no. 2	1963
19740079008	The decaying stage of hurricane Anna of July 1961 as portrayed by TIROS cloud photographs and infra-red radiation from the top of the storm	1963
19740079009	Evaluation of limb darkening from TIROS 3 radiation data	1963
19740079010	TIROS 3 measurements of terrestrial radiation and reflected and scattered solar radiation	1963
19740079070	Computer requirements for Tiros CDA stations (gridding)	1963
19740079182	Synoptic interpretation of TIROS 3 measurements of infrared radiation	1963
19740079535	Gemini Launch Vehicle Parameters Handbook	1963
19740079870	General test plan research and development for Project Apollo spacecraft. Volume 4. Acceptance test plan	1963
19740079898	General test plan research and development for Project Apollo spacecraft. Volume 4. Acceptance test plan	1963
19740079899	General test plan research and development for Project Apollo spacecraft. Volume 4. acceptance test plan	1963
19740079900	General test plan, research and development for Project Apollo spacecraft. Volume 3. Ground qualification tests	1963
19740079988	X-20A (Dyna-Soar), Primary Guidance Subsystem	1963
19740080057	Heat Transfer Test on AD588M-1, a.04 Scale, X-20 Dyna-Soar 844-2050 Configuration, to Determine the Effect of Various Surface Contours and Elevon-Fin Gap Sizes on Heat Transfer Rates on the Lower Inboard Fin Surface and Adjacent Elevon Surface at M Equals 22.2	1963
19740080064	A Boost Guidance Scheme for the Dyna-Soar Mission	1963
19740080430	Investigation of vehicle-integrated rocket power plants with air augmentation	1963
19740080809	Optimization of operating conditions for manned spacecraft engines	1963
19740081263	Summary of Pratt and Whitney Aircraft work related to SEPO activities	1963
19740081663	Checkout effectiveness analysis	1963
19740081701	Post-Nova launch vehicle study: Phase 1 and 2. Volume 7: Manufacturing plan	1963
19740081843	Special test vehicle equipment and program summary	1963
19740081845	Description and preliminary reports of VLF forward scatter studies	1963
19740082349	Solar probe study. Volume 1: Summary and development plan	1963
19740082370	Investigation and development of propellant feed systems for manned space vehicles	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082527	Determination of the emissivity of materials	1963
19740082655	Survey of theoretical OHD efforts	1963
19740082809	Design criteria for a fast energy spectrum nuclear rocket engine. Volume 1: Introduction and summary	1963
19740082810	Design criteria for a fast energy spectrum nuclear rocket engine. Volume 3: Conceptual design studies: Reactor assembly and shield	1963
19740082811	Design criteria for a fast energy spectrum nuclear rocket engine. Volume 2: Parametric data	1963
19740082820	Design criteria for a fast energy spectrum nuclear rocket engine. Volume 4: Conceptual design studies: Nozzle and turbopump	1963
19740083256	Some considerations of the stabilization and control of a rotating space station based on linear analysis	1963
19740083281	Design criteria for a fast energy spectrum nuclear rocket engine. Volume 5: Conceptual design studies - engines	1963
19740083282	Design criteria for a fast energy spectrum nuclear rocket engine. Volume 6: Controls and aftercooling studies	1963
19740083311	REON Reactor Task Group Cy 1963 activities	1963
19740083313	Nuclear Power in the National Space Program	1963
19740083315	Reactor assemblies for non nuclear test systems (simulators)	1963
19740083908	A description of the computer program implementation process: A process flow	1963
19740084646	Summary report and Rombus systems definition, volume 1. Final Report: Phase 1 and 2 post-NOVA launch vehicle study	1963
19740084659	Study of high effective area ratio nozzle for spacecraft engines	1963
19740084688	Design analysis of STAR-R nuclear thermionic power system	1963
19740085053	Comparison test of armament subsystem, helicopter, 7.62-mm machine gun, quad gun, XM6E3	1963
19740085054	Research test of compatibility of LDS-427-2 engine on code C oil	1963
19740085367	Design criteria for a fast energy spectrum nuclear rocket engine. Volume 8: Heat transfer and neutronic analysis methods	1963
19740085369	Assembly procedures NRX-A2	1963
19740085420	Post-NOVA launch vehicle study, phase 1 and 2. Volume 2: Performance and sizing analyses	1963
19740085497	Development of catalysts for monopropellant decomposition of hydrazine	1963
19740085501	Spaceborne sensor study engineering report. Part 2: Analytic solution, volume 1	1963
19740085504	Propellant Systems for the Apollo Vehicle	1963
19740085510	MA-5 FLOX program	1963
19740085512	High pressure pumping technology	1963
19740085522	OART Program: Supporting Research Projects	1963
19740085524	MA-5 FLOX program	1963
19740085948	Manufacturing research investigation. Phase 1: Development of techniques for multi-pass welding	1963
19740086636	Turbine power control valve actuator model NT-C2, part no. 2775022, serial no. 11: Test data and results	1963
19740086679	An introduction to the Tيروس-wheel satellite system	1963
19740086711	Tيروس wheel system design presentation	1963
19740086720	Study report on modifying Tيروس to the wheel configuration	1963
19740086723	SMS-Tيروس	1963
19740086769	LM1500 engine marinization contract. Preliminary definition of phase 3 test engine buildup and phase 2 design study and hardware redesign effort	1963
19740086850	Turbine power control valve actuator model NT-C2 part no. 2775022, serial no. 12: Test data and results	1963
19740086877	Test facility capability of the Ordnance Aerophysics Laboratory	1963
19740086879	Aerodynamic nozzle study	1963
19740086880	Investigation of engine-component integration	1963
19740086881	Research on a hydrogen-fluorine propulsion system	1963
19740086925	Bibliography on deep sea mooring technology	1963
19740087147	OMSF program: Supporting research projects, part 2	1963
19740087564	Engineer design test of truck, fire fighting, A/S32P-2	1963
19740087760	Engineer design test of compatibility of engine, diesel; turbocharged, fuel injected, liquid-cooled, V-type, 8-cylinder, model 8V-71T	1963
19740087860	Carrier suitability trails of model A-4F (A4D-5) airplane	1963
19740088122	Proposal for a study of Tيروس gravity-gradient stabilization experiment	1963
19750063777	TIROS: A story of achievement	1963
19750063873	General test plan research and development for Project Apollo spacecraft. Volume 3: Ground qualification tests	1963
19750064290	Controllable thrust chamber study program. Task 3: Varitex prototype	1963
19750064418	General test plan research and development for Project Apollo spacecraft. Volume 1: General test plan summary	1963
19750064419	General test plan research and development for Project Apollo spacecraft. Volume 1: General test plan summary	1963
19750064617	Proceedings of Nuclear Propulsion Conference	1963
19750064618	Determination of the critical mass and of spatial fuel distribution of the Tory/2-C reactor	1963
19750064619	Neutronic design of Tory 2-C control rod system	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750064620	Radiation analysis for the Pluto nuclear ramjet engine	1963
19750064621	Slam shield design and radiation environment	1963
19750064622	Analysis of fission product loss in test operation of Tory 2-A	1963
19750064623	Pluto program, Tory 2-A automatic air-flow control system	1963
19750064624	The Tory 2-A test operations	1963
19750064625	Neutronic analysis of Tory 2-A-1 high power operation	1963
19750064626	Tory 2-A data acquisition and processing: Methods and results	1963
19750064627	Tory 2-A reactor design	1963
19750064628	Tory 3 reactor	1963
19750064629	Thermodynamic performance of the Tory 2-A reactor	1963
19750064630	Measurement of ablation with radiation the dominant mode of energy transfer	1963
19750064631	Hot spots in high-power density gas cooled reactors	1963
19750064632	Pluto aerothermodynamic transients	1963
19750064633	Simultaneous forming and cladding of tubular ceramic fuel elements by co-extrusion	1963
19750064634	Thermal stress tests of BeO and BeO-UO ₂	1963
19750064635	Air transpiration cooling of a SLAM-type reactor exhaust nozzle	1963
19750064636	Tory 2-C performance parameters	1963
19750064637	SLAM/Pluto aerothermodynamic integration	1963
19750064638	Structural problems associated with SLAM vehicle	1963
19750064639	Statistical analysis of thrust drag margin	1963
19750065448	General test plan research and development for Project Apollo spacecraft. Volume 2: Individual system tests	1963
19750065449	General test plan research and development for Project Apollo spacecraft. Volume 3: Ground qualification tests	1963
19750065450	General test plan research and development for Project Apollo spacecraft. Volume 5: Multiple systems tests	1963
19750065692	The eccentric-orbit Tiros satellite	1963
19750065696	Automatic Picture Transmission (APT) subsystem for the Nimbus meteorological satellite: Calibration data for flight model camera F-5A	1963
19750066223	General test plan research and development for project Apollo spacecraft. Volume 2: Individual system tests	1963
19750066603	Engineering properties of potassium	1963
19750066923	On some inequalities and their application to the Cauchy problem	1963
19750066927	Solvent and temperature effects on fluorescence emission of europium beta-diketonates	1963
19750067650	Instruction and operating handbook TIROS 7 meteorological satellite system	1963
19750067653	Instruction and operating handbook TIROS 7 meteorological satellite system	1963
19750067659	Report of vibration survey performed on the TIROS H spacecraft equipped with an Automatic Picture Transmission (APT) subsystem	1963
19750067661	Project Delta flight report, Delta 19 launched 19 June 1963	1963
19750067669	Detailed test objectives for Delta launch vehicle S/N 359/20004/20007 spacecraft: Tiros G	1963
19750067670	Detailed test objectives for Delta launch vehicle spacecraft: Tiros H	1963
19750067673	Project Delta 22 A-53 Tiros H operations summary launch vehicle 371/20007/20008	1963
19750067674	Project Delta 22 A53 Tiros H flash flight report	1963
19750067682	Project Delta Terminal count history, revision 1 and 2	1963
19750067692	TIROS 7 Meteorological Satellite: Pre-Launch Calculation of Programs for Optimum Orientation of the Spin Axis	1963
19750067693	The orbit and attitude determination plan for the satellite Tiros 7	1963
19750067709	Operational procedures for telemetry data processing and power supply monitoring for the TIROS 7 meteorological satellite	1963
19750067723	Alignment and calibration data for the Tiros 7 meteorological satellite	1963
19750067724	Flight report for vehicle S/N 359/20004/20007 delta program, mission no. 19 spacecraft: Tiros	1963
19750067728	Operational procedures for telemetry data processing and power supply monitoring for the TIROS 8	1963
19750067729	Alignment and calibration data for the Tiros 8 meteorological satellite	1963
19750067735	Delta spacecraft design restraints	1963
19750067740	Instruction and operating handbook, TIROS 7 meteorological satellite system	1963
19750067742	Thermogravimetric instrument	1963
19750067852	Orbit and attitude determination plan for the satellite Tiros 8	1963
19750067870	Tiros 5 attitude summary	1963
19750067871	Tiros 6 attitude summary	1963
19750068714	SNAP-8 PCS program	1963
19750069029	Radiation effects program planning details for General Dynamics, Fort Worth for contract year 1964	1963
19750069030	ETS-1, NES performance and design criteria	1963
19750069031	Analysis of the fast neutron and gamma ray spectrum for LPR mechanical test 901	1963
19750069034	Structural development test plan. NERVA alluminum pressure vessel S/N 0000003	1963
19750069066	Mercury/Atlas Launch Vehicle Program for NASA Project Mercury	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750069138	ETS-1 NES duct facility subscale seal test program	1963
19750069168	Mercury/Atlas Launch Vehicle Program for NASA Project Mercury	1963
19750069169	Mercury/Atlas Launch Vehicle Program for NASA Project Mercury	1963
19750069181	Properties and performance of JPL-540 propellant	1963
19750069183	Apollo model (FSL-1) wind tunnel tests in the NACAL 7 by 10 foot subsonic test section	1963
19750069184	Weight, balance and inertia for the Apollo boilerplate configurations	1963
19750069185	The 0.10-scale Apollo drogue parachute dynamic model (FDC-1) tests in Langley 16-foot transonic dynamics tunnel to determine dynamic stability characteristics of the command module and parachute combination NAS9-150	1963
19750069191	Surveyor spacecraft system. Volume 3: Appendices	1963
19750069205	RIFT Flight Dynamics and Control Analysis and Design Status Report	1963
19750069206	SNAP-8 PCS program	1963
19750069218	Gemini spacecraft study for MORL ferry missions	1963
19750069232	Apollo systems reliability status report. Volume 1: Management summary	1963
19750069248	Project Gemini	1963
19750069371	Gemini spacecraft study for MORL ferry missions, Volume 2	1963
19750069381	Apollo FS-2 static force model in NAA Trisonic Wind Tunnel (TWT 85)	1963
19750069382	Data Report for Low Speed Wind Tunnel Tests of a 0.10-scale Apollo Model (FDC-1) to Determine Dynamic Stability Characteristics of the Command Module and Drogue Parachute Combination	1963
19750069398	Development of SNAP-8 nuclear power conversion system, model AGAN-0010	1963
19750069412	Apollo systems reliability status report. Volume 2: Subsystems reliability status	1963
19750069413	DSIF capability for Apollo guidance and navigation, part 1	1963
19750069692	Apollo guidance computer and associated ground support equipment	1963
19750069719	Test plan for NERVA pressure vessel metallic seals test	1963
19750069721	Structural development program: NERVA thrust structure, revision B	1963
19750069811	Data Report for Trisonic Static Pressure Wind Tunnel Tests (TWT-82) of the Apollo Launch Escape Vehicle 0.045-scale Model (PS-3), Appendix B	1963
19750069827	Launch vehicle familiarization manual. Little Joe 2	1963
19750069852	Postlaunch memorandum report for Mercury-Atlas no. 9(ma-9). Part 1: Mission analysis	1963
19750069928	NERVA components irradiation program. Volume6: ASTR test 3	1963
19750070187	NES duct (SST-2) conceptual design	1963
19750070201	Evaluation of the mean square neutron detector system for NERVA use	1963
19750070571	Preliminary report on the NERVA systems analysis program under sub task 1.1.6	1963
19750070908	Apollo guidance and navigation notes, volume 1	1963
19750070909	Apollo guidance and navigation notes, part 2	1963
19750070910	Apollo notes, volume 3	1963
19750070978	NES duct presentation to SNPO-C at Cleveland on 7 May 1963	1963
19750070984	Steady state temperature profile of NRX-A1 aluminum pressure vessel assembly	1963
19750071022	Evaluation and comparison attitude control systems for spacecraft with NERVA engines	1963
19750071505	Fanno line tables (one-dimensional steady adiabatic flow of a compressible fluid in a constant-area duct with friction) $\gamma = 1.380$	1963
19750071506	Rayleigh line tables (one-dimensional steady frictionless flow of a compressible fluid in a constant-area duct with heat transfer) $\gamma = 1.380$	1963
19750071515	Development of fabrication techniques for construction of NERVA titanium pressure vessel	1963
19750071518	Irradiation test report ER-7852: Materials and coatings, project NERVA	1963
19750071547	NERVA monthly letter report, 27 April - 26 May 1963	1963
19750071563	Test specifications for leakage tests of NERVA engine pressure vessel metallic seals	1963
19750071911	Electrical electronic grounding plan - Saturn S-IC	1963
19750071975	NERVA-RIFT thrust vector control/mechanical/shielding interface review meeting	1963
19750071981	Pre-assembly Experiment (PAX) experimental plan for NRX-A-2	1963
19750071998	Test specifications and procedures for NERVA thrust structure S/N 001TS resonance survey	1963
19750072515	A liquid oxygen-liquid hydrogen rocket engine for satellite launching vehicle upper stages	1963
19750073155	A camera mount utilizing programmed mirror rotation for missile tracking	1963
19750073253	Development of a 1,500,000-lb-thrust (nominal vacuum) liquid hydrogen/liquid oxygen engine	1963
19750073266	F-1 engine system	1963
19750073268	Multi-chamber engine investigation	1963
19750073624	Development of a 1,500,000-lb thrust (nominal vacuum) liquid hydrogen/liquid oxygen engine	1963
19750073846	MA-5 FLOX program	1963
19750073851	NERVA program: Engine systems data book	1963
19750073909	Optical particle decoy study	1963
19750073921	Propellant actuated devices	1963
19750074593	An analytical investigation of flexural stress waves in an infinite cylindrical shell due to suddenly applied (or pulsed) edge loads and moments	1963
19750074926	Nonlinear elastic buckling and parametric excitation of a cylinder under axial loads	1963
19750075397	Feasibility study of an explosive gun	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076845	Atlas/Centaur launch vehicle studies. Volume 3: Mission analysis 8612-6022-RC-000	1963
19750076851	Lunar Logistic System (LLS) studies summary report	1963
19750076864	Some bistatic scattering data for a cone sphere	1963
19750076876	Evaluation of a high energy liquid propellant rocket engine oxidizer and a pilot production of same	1963
19750076882	Atlas/Centaur launch vehicle studies, Volume 1: Summary	1963
19750077278	Atlas/Centaur launch vehicle studies. Volume 2: Data handbook	1963
19750077299	Preliminary SNAP-8 startup investigations	1963
19750077318	Design criteria 624A inertial guidance system	1963
19750078100	A flutter study of the Saturn AFT fin	1963
19760065200	Apollo technical manual: Reliability	1963
19760065281	Proposal for development of SNAP fuel element cladding	1963
19760065325	Cast aluminum alloy jacket materials development program for the NERVA nozzle	1963
19760065326	Topical report materials and processes development, October 1962 - September 1963	1963
19760065837	Project Delta 19 A-52 TIROS G flash flight report T + 8 hours	1963
19760065848	The exploitation of inertial coupling in passive gravity-gradient stabilized satellites	1963
19760065907	Reactions of uranium and the platinide elements. 2: The uranium-rhodium system	1963
19760065920	Data Report for Wind Tunnel Tests of a 0.10-Scale Apollo Model (FSC-1) to Determine the Effect of the Command Module and Several Parachute Parameters on Drogue Parachute Stability	1963
19760065962	NERVA components irradiation program. Volume 4: GTR test 7A	1963
19760065964	Guidelines for development of a test design for full flow testing of the NERVA propellant feed system in a simulated use nuclear radiation environment	1963
19760066091	Project Delta 19, A-52 Tيروس G: Operations summary launch vehicle 359/2004/SV-355	1963
19760066201	Response to questions and action items arising from cabling and harness meeting at SNP-C, 28 May 1963	1963
19760066932	NASA system design and research	1963
19760067777	Development of analytical methods and test equipment for determination of hydrocarbon contaminants (summary report)	1963
19760067858	Test specifications for the static structural test of NERVA aluminum pressure vessel, 0000003, cylinder 294053, forward closure298252	1963
19760067859	Basic criteria engine test stand no. 2 at NRDS	1963
19760068570	NERVA engine explosive destruct system, subtask 1.6	1963
19760068572	Hydrostatic proof test of the NRX-A aluminum pressure vessel	1963
19760068582	SNP-ISA3 Contract Monthly Letter Report, 27 May - 26 June 1963	1963
19760068620	Effect of thermal neutron scattering models on power distributions in KIWI-type reactors	1963
19760068621	NRX-A configuration for radiation analysis	1963
19760068869	Some cardinality conditions for metrization of certain normal Moore spaces	1963
19760068884	The role of dislocations as sinks for h centers in LiF	1963
19760068910	Strain gage research high output transducers	1963
19760068943	Revised budget estimates, 1965 NERVA development program. Volume 6, addendum 2. Alternate plan, reduced FY 1964 budget	1963
19760068944	AEC-NASA-Space Nuclear Propulsion Office NERVA program	1963
19760069364	NES ETS-1 duct preliminary design presentation	1963
19760069383	Development test report of KIWI-B and hybrid nozzles	1963
19760069384	Vibration test of an electropneumatic actuator, General Electric model 7T-AG14-A01	1963
19760069397	Parametric study and preliminary design of a convergent conical nozzle	1963
19760069398	Pressure vessel-reactor interface loads report	1963
19760069402	Radiation effects testing, volume 5	1963
19760069407	NERVA engine explosive destruct system, subtask 1.6	1963
19760069409	NERVA engine explosive destruct system, subtask 1.6	1963
19760069410	AEC-NASA Space Nuclear Propulsion Office NERVA Program	1963
19760069411	AEC-NASA Space Nuclear Propulsion Office NERVA Program	1963
19760069715	NERVA nuclear subsystem	1963
19760069729	Metallurgical aspects of the reuse of beryllium reflectors	1963
19760069733	NERVA nuclear subsystem	1963
19760069734	Tabular data for KIWI B-4A and KIWI B-4B	1963
19760069735	Nuclear analysis of NRX-A	1963
19760069737	Evaluation of KIWI-B2A module fractures during cold flow	1963
19760069744	NERVA engine explosive destruct system subtask 1.6	1963
19760069746	Evaluation of anticriticality destruct system concepts	1963
19760069768	Presentation to Marshall Space Flight Center for NERVA thrust vector control system	1963
19760069779	Failure mode analysis summary. NERVA control drum actuator proposed by Bendix (model ND-D1)	1963
19760071404	NERVA engine explosive destruct, system, subtask 1.6.5 postoperation destruct	1963
19760071828	RIFT	1963
19760071836	NERVA summary report for contract year 1963, Volume 4	1963
19760071837	NERVA summary report for contract year 1963, Volume 3	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760071884	Informal monthly progress letter no. 18 to AEC-NASA Space Nuclear Propulsion Office for NERVA program	1963
19760072117	Free-Oscillation Dynamic Stability Tests of a 0.05-Scale Apollo Command Module and a 0.059-Scale Apollo Launch Escape Vehicle at Supersonic Speeds	1963
19760072282	NRX-A1 test plan, revision 1	1963
19760072283	Failure mode analysis summary: NERVA control drum actuator proposed by General Electric (model AG-14)	1963
19760072286	Radiation effects program review	1963
19760072289	NERVA nuclear subsystem	1963
19760072290	NERVA nuclear subsystem	1963
19760072291	NRX operating limits	1963
19760072292	Nuclear safety consideration for NERVA reactor assembly at WANL	1963
19760072293	WANL presentation for the shield design criteria meeting, SNPO-C, 19 - 20 Nov.	1963
19760072294	Informal monthly progress letter no. 28 covering period of October 1963	1963
19760072295	Informal monthly progress letter no. 30 to AEC-NASA Space Nuclear Propulsion Office December 1963	1963
19760072297	Failure report of KIWI-B and hybrid nozzles	1963
19760072300	AEC-NASA space nuclear propulsion office nerva program	1963
19760072301	AEC-NASA space nuclear propulsion office NERVA program	1963
19760072322	AEC-NASA Space Nuclear Propulsion Office NERVA program	1963
19760072337	Preliminary report of static load tests on the plastic model of the NRX-B forced base plate	1963
19760072344	Rift safety review program, NERVA systems description	1963
19760073117	Development test report of Kiwi-B and hybrid nozzles	1963
19760073132	Flight Plan for MA-9/20	1963
19760073166	NERVA engine explosive destruct system surtask 1.6	1963
19760073167	NERVA engine explosive destruct system subtask 1.6	1963
19760073168	Informal monthly progress letter no. 23 to AEC-NASA Space Nuclear Propulsion Office covering the period of May 1963	1963
19760073675	NERVA engine explosive destruct system, subtask 1.6	1963
19760074831	Study of relative position of DRGS with respect to the vehicle fixed triad at acquisition and during guidance	1963
19760074904	BS 613 liquid oxygen/liquid hydrogen engine for satellite launching	1963
19760075452	Preliminary results of an investigation into the unsteady pressures acting on cone cylinders at transonic speeds	1963
19760075550	Satellite in high altitude circular orbit: Trajectory studies using an intermediate ballistic phase	1963
19760075558	Effects of certain parameters scattering on the performance of a launcher vehicle with liquid propulsion	1963
19760075599	Preliminary study on the influence on the performance of the perturbations affecting operation of the first two stages and the guidance	1963
19760075615	Initial design for a test rocket with two upper stages of ELDO satellite launching vehicle	1963
19760075693	Nose design philosophy study	1963
19760075710	The ELDO satellite launching vehicle initial design for the second stage rocket, volume 1	1963
19760075711	The ELDO satellite launching vehicle initial design for the second stage rocket. Volume 2: Charts and figures	1963
19760075712	The ELDO satellite launching vehicle initial design for the second stage rocket. Volume 3: Annexes 1 to 5	1963
19760075715	Flight loads on the ELDO satellite launching vehicle during the first stage trajectory	1963
19760075757	The design objective for the ELDO initial programme	1963
19760075776	ELDO satellite launcher (initial program). Calculation of launcher performance. Low altitude circular orbits. Low perigee elliptical orbits. Volume 1: Text	1963
19760075777	ELDO satellite launcher (initial program). Calculation of launcher performance. Low altitude circular orbits. Low perigee elliptical orbits. Volume 2: Diagrams	1963
19760075847	Optimized satellite launcher guidance law	1963
19760075852	On the optimum guidance law for both thrust-coast-thrust and continuous thrust transfer to orbit of a space vehicle	1963
19760076082	Quantitative analysis of unsymmetrical dimethylhydrazine	1963
19760076111	ELDO satellite launching vehicle hypersonic wind tunnel tests on 20 per cent fairings configuration	1963
19760076151	Aerodynamic measurements during preorbital flight	1963
19760076355	ELDO A launcher with apogee system: Possibility of launching telecommunication satellites	1963
19760076372	ELDO nozzle at high expansion ratio: Definition of provisional profile (called as of 15 February 1963)	1963
19760077278	Summary report of Centaur analysis for Saturn I-B/Centaur/Voyager launch vehicle	1963
19760077279	A comparative design study of modular stage concepts for lunar supply operations, volume 2B	1963
19760079373	The dynasorb energy absorber	1963
19760081165	Surveyor spacecraft system	1963
19760084092	The effects of conical camber on the longitudinal aerodynamic characteristics of a variable-sweep wing-fuselag configuration at Mach numbers from 0.50 to 3.50	1963
19770068964	Informal Monthly Progress Letter to AEC-NASA Space Nuclear Propulsion Office, March 1963	1963
19770069902	Nuclear lunar logistic study	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770071505	NASA program in human factors and biosciences and the associated phases of these programs in the manned spacecraft systems program	1963
19770071511	Development of stimulator monitor and monitor systems	1963
19770072855	On the existence of solutions to linear differential equations	1963
19770073941	Quaternions, bivectors, and the Lorentz groups	1963
19770074043	Analysis of a recent hypothesis of plasma flow in pericapillary spaces	1963
19770077799	Astrionics research and development	1963
19770080330	Further explorations in the theory of multiple budgeted goals	1963
19770081126	Gemini display systems and associated equipment, revision 1	1963
19770081833	FAA component research program for commercial supersonic transport	1963
19770081855	Inlet-Exhaust-Thrust Reverser Program for the Commercial Supersonic Transport. Summary Report and Third Quarterly Technical Report	1963
19770081858	Supersonic transport propulsion system. Component research and study program	1963
19770085618	Mid-contract status presentation on the nuclear pulse space vehicle preliminary study	1963
19770086214	Subsonic flow fields about blunt hypersonic bodies by the inverse method	1963
19770086695	Ablative properties of plastics under simulated reentry conditions	1963
19770087422	Costs of the J-2 engine program	1963
19770088239	Landing impact and maneuver load studies, exhibit A	1963
19770088621	Evaluation of Wayne Air Jet Vacuum Sweeper	1963
19770088773	Design Concepts for Minimum Weight, High Performance Supersonic Aircraft Structures. Third Quarterly Report	1963
19770088878	Development of Supersonic Transport Fuel System Test Rig	1963
19770089136	Capacitor, acceptance test procedure	1963
19770089161	Silver recovery system	1963
19770089365	Supersonic transport systems analysis	1963
19770089481	Estimated performance and installation data for the model STF-208 turbofan engine	1963
19770089502	Lunar logistic system. Technical presentation	1963
19770089512	Manned space station systems	1963
19770089615	Strength of glass as related to edge finish	1963
19770089654	Design of experiments for remote microwave probing of the atmosphere	1963
19770089795	A survey of stagnation point heating	1963
19770089843	Welding characteristics, exhibit D	1963
19770089866	Crack propagation prediction and crack stopper techniques for stiffened and unstiffened flat sheet in a supersonic transport environment	1963
19770089867	Methods for improving the fatigue strength of bolted and riveted joints	1963
19770090924	Feasibility studies of Supersonic Commercial Air Transport configurations. Volume 6: SCAT 17	1963
19770090925	Feasibility studies of Supersonic Commercial Air Transport configurations. Volume 3: SCAT 4	1963
19770090926	Feasibility studies of Supersonic Commercial Air Transport configurations. Volume 1: NASA SCAT	1963
19770091124	Emergency airborne escape summary. A report of ejections and bailouts for calendar 1963	1963
19770091150	Supersonic transport development in the USSR	1963
19770091154	Feasibility studies of supersonic commercial air transport configurations. Volume 4: SCAT 15	1963
19770091155	Feasibility Studies of Supersonic Commercial Air Transport Configurations. Volume 2: Criteria and Basic Data, NASA SCAT	1963
19770091240	Preliminary results of the lateral-handling-qualities analysis for the supersonic transport during approach	1963
19770091403	Reinforced plastic laminates for long time high temperature use	1963
19770091579	Installation and evaluation of an ejection seat camera for accident investigation purposes	1963
19770091610	Moisture resistance tests of cannon KPT (solder) connectors	1963
19770091677	Biomedical instrumentation requirements for a manned orbiting laboratory	1963
19770092263	Saturn 5 guidance computer	1963
19770092432	Trajectories and mission analysis	1963
19770092433	Mission examples	1963
19770092454	Study of satellite orbit adjustment systems, volume 1	1963
19770092983	Hydrogen fire detection system airborne feasibility study	1963
19770093012	Atmospheric entry and gas thermodynamics	1963
19770093029	Deviations from vacuum entry trajectory in the upper atmosphere - case 214	1963
19770093039	Atlas/Centaur launch vehicle studies. Volume 4: Structures, dynamics and controls	1963
19770093052	OGO Model Spacecraft Dynamic Response Summary	1963
19770093272	Evaluation of thermocouple attachment methods	1963
19770093362	Deleted record	1963
19770093411	Fourth NASA intercenter conference on Plasma Physics	1963
19770093461	Meteoroid Hazard Review and Planning Meeting	1963
19770093513	On controller for Centaur	1963
19770093532	Determination of liquid vapor compositions in the hydrogen-helium system over the range 14-33K at pressures from hydrogen saturation to 250 psi	1963
19770093584	Radiographic determination of resistance spot weld quality in nickel reinforced stainless steel sheet	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093703	Commercial supersonic transport program propulsion component program, volume 2	1963
19770093746	Proceedings of the Zero-Gravity Fluid Behavior Review and Planning Meeting	1963
19770093776	Final Report on the Evaluation of the Centaur Flight Programmer	1963
19770093777	Integrated test plan for Centaur guidance systems	1963
19770094206	Astrogeologic studies. Part C: Cosmochemistry and petrography	1963
19770094213	Astrogeologic studies. Part B: Crater investigations	1963
19770094277	Supersonic transport propulsion system component research and study program. High temperature turbine, volume 1	1963
19770094278	Supersonic transport propulsion system continued research and study of high temperature turbine and exhaust nozzle noise. Volume 1: High temperature turbine program	1963
19770094316	Operating instructions for the ground prototype hydrogen fire detection system	1963
19770094325	Saturn ground wind model mass properties	1963
19770094336	A manual describing the rocket grenade experiment	1963
19770094339	Establishment of requirements for advanced spaceborne detection, tracking and navigation systems employed in space missions. Volume 1: Technical discussion	1963
19770094403	High energy fuels and plasticizers	1963
19770094595	A hypergeometric mean value	1963
19770095477	Acoustic characteristics of material	1963
19780070020	NASA SCAT: Feasibility studies of supersonic Commercial Air Transport configurations. Volume 5: SCAT 17	1963
19780070026	On the extrapolation of accelerated stress conditions to normal stress conditions of germanium transistors	1963
19780070028	Apollo guidance and navigation notes, part 2	1963
19780070029	Study of abort procedures, lunar landing and lunar reconnaissance for the Apollo mission	1963
19780070030	Results of landing gear stability drop tests 1/6 scale model	1963
19780070031	Results of Propulsion Test Unit Propellant Tank Tests	1963
19780070034	Trajectory studies for use in determining tracking requirements for project Apollo	1963
19780070040	Apollo in-flight maintenance concept	1963
19780070041	Pretest report for tests of an Apollo tumbling dynamic stability model (FD-6) in the Ames Research Center 12-foot pressure tunnel	1963
19780070049	Pretest report for the static and transient pressure tests of the 0.055 scale Apollo PSTL-2 model in the Ames Research Center 9 by 7 and 11 by 11 foot wind tunnels	1963
19780070051	Apollo spacecraft familiarization. NASA support manual	1963
19780070053	Summary of error propagation in an inertial system	1963
19780070062	LOC data transmission via NASCOM	1963
19780070068	Initial Report of Apollo Reentry Plasma Study	1963
19780070084	Apollo PCM telemetry synchronization	1963
19780070087	Structural analysis of 0.105-scale Apollo wind tunnel model (FS-2)	1963
19780070088	Calibration report for the 0.08-scale Apollo structural dynamics model (SD-1) in the Langley 16 ft. Transonic Dynamics Wind Tunnel	1963
19780070089	Structural analysis of the 0.055 scale Apollo transient pressure model (PSTL-2)	1963
19780070098	Service Propulsion System Ullage Requirements a Zero-G Cookbook	1963
19780070102	Effects of vacuum on materials and components	1963
19780070116	Report on clear resins	1963
19780070122	Apollo communications circuit margins	1963
19780070123	Pace-GSE digital test command system	1963
19780070138	Results of Tests: Equipment Heat Transfer to Cold Plates at High Vacuum	1963
19780070139	Design of an S-band parametric amplifier	1963
19780070151	A study of instrumentation ship requirements for the Apollo program	1963
19780070162	Crushing tests of thin conical sections	1963
19780070163	Development tests of pressure vessels	1963
19780070164	Structural analysis of the 0.050- and 0.059-scale Apollo dynamic stability models (FD-5)	1963
19780070365	Lunar orbit determination by star occultations and msfn tracking	1963
19780070374	Structural analysis of the 0.105 scale Apollo wind tunnel model (FS-2)	1963
19780070811	Lunar logistic system. Volume 6: Tracking and mission control	1963
19780071273	Lunar Logistic System	1963
19780072121	Apollo modulation techniques and circuit margins	1963
19780072737	Nickel-cadmium batteries for the orbiting geophysical observatory, volume 1	1963
19780074253	Saturn 5 guidance computer	1963
19780075395	Manufacturing plan for Project Apollo: Lunar excursion module	1963
19780075563	CDC-924 system program: Relocatable binary paper tape loader, RELOC	1963
19780075567	CDC-924 system program, binary transfer routine, Bintran	1963
19780075568	CDC-924 system program. 2: Assembly program, CAPMT	1963
19780075600	Revised program plan for contract year 1964. NERVA engine development program and associated tasks. Volume 1: Summaries and work statements	1963
19780075642	Apollo wind tunnel program report	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780075866	Apollo wind tunnel program report	1963
19780075883	Environmental factors involved in the choice of lunar operational dates and the choice of lunar landing sites	1963
19780075884	Project Apollo conceptual rotating space vehicle designs using Apollo components for simulation of artificial gravity	1963
19780075899	Star Tracker Test Fixture	1963
19780075900	A simulation study of the control problems encountered when docking the LEM with the command module-service module combination	1963
19780075958	Support equipment systems plan: NERVA remote handling equipment	1963
19780076131	Crew operations and task analysis of the translunar through transearth phases of the Apollo mission	1963
19780076634	Cloud cover data for landmark studies	1963
19780077252	NERVA components irradiation program. Volume 8: GTR test 10	1963
19780077343	Reliability and quality assurance NERVA program. Volume 1: Reliability program plan	1963
19780077347	SNP-1SA3 contract monthly letter report for the period 27 September - 20 October 1963	1963
19780078003	NERVA components irradiation program. Volume 1: GTR test 4	1963
19780078004	NERVA components irradiation program. Volume 2: ASTR test 1	1963
19780078005	NERVA components irradiation program. Volume 5: ASTR test 2	1963
19780079471	Agena Monthly Progress Report, January 1963	1963
19780079478	Agena Monthly Progress Report, December 1962	1963
19780080994	Development of a basic planetary transportation system model	1963
19780080997	Advanced Syncom FM experimental test plan	1963
19780081039	Ames commutator	1963
19780081082	Special report on improved hydrocarbon fuel used on the US Air Force discoverer program	1963
19780081084	Advanced syncom multiple access mode experimental test plan	1963
19780081187	Bearing lubricant endurance characteristics at high speeds and high temperatures	1963
19780081218	Spectral radiances of some high-intensity light sources	1963
19780081240	Organization research program	1963
19780081245	Comet intercept study. Appendices	1963
19780081251	IBM 7090 program abstracts, volume 1	1963
19780081255	Flight safety: A global problem	1963
19780081366	Launch and checkout computer program configuration and control plan, revision A	1963
19780081367	A comparison of bulkhead and linear destruct systems for Saturn 5 launch vehicles	1963
19780081371	Saturn monthly progress report, 21 Oct. - 15 Nov. 1963	1963
19780081427	Metallurgical effects of explosive strain rates on metal alloys	1963
19780081428	Investigation of foamed metals for application on space capsules	1963
19780081430	Study of phase identification in steel and aluminum alloys	1963
19780081527	Preferred parts list: Electrical	1963
19780081553	Development program of the 05-055 hydraulic transformer	1963
19780081559	Study for the development of techniques and instrumentation for detection of hydrogen gas	1963
19780081560	Detail design strain gage balance 2012	1963
19780081594	Investigation of structural properties of fiber glass filament-wound pressure vessels at cryogenic temperatures	1963
19780081651	Chronic acceleration studies: Physiological responses to artificial alterations in weight	1963
19780081657	Remote man-machine control system evaluation study	1963
19780081658	Data for 96 touchdowns made by three pilots in an airplane with slow longitudinal response dynamics for comparison with NASA simulator data	1963
19780081724	Preliminary proposal for low frequency radio astronomy	1963
19780081725	Three lunar geochemical models for a study of possible systems for the generation and synthesis of fuel on extra-terrestrial launch sites	1963
19780081791	Saturn monthly progress report, 15 December 1962 - 16 January 1963	1963
19780081795	Auxiliary propulsion system fairing wind tunnel test for the Saturn V/S-4B stage model no. DSV-4b	1963
19780081796	Saturn V/S-1C quarterly technical progress and program review	1963
19780081909	Two-channel monopulse system, phase 2	1963
19780082141	Report on design proof test, DP-4	1963
19780082187	Research and development of high temperature resistant film-forming polymeric materials for Saturn application	1963
19780082189	A study of polymers containing silicon-nitrogen bonds	1963
19780082217	Investigation of the effects of vacuum on liquid hydrogen and other cryogens used on launch vehicles	1963
19780082450	Preliminary lunar surface model for the lunar logistics system study	1963
19780082604	Preliminary guidance equations for the direct ascent mission	1963
19780082611	Study of Goddard range and range rate system fro the advanced technological satellite	1963
19780082616	Saturn guidance signal processor	1963
19780082715	The 1963 state of the art and trends in space transportation systems	1963
19780082788	Performance analysis of high-energy chemical stages for interplanetary missions. Part 4: Departure from Venus orbit	1963
19780083062	Pressurization of liquid oxygen containers	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083209	Initial motions of a Jacobi ellipsoid away from its unstable form	1963
19780084365	Design Study for Visual Cue Simulator, Addendum	1963
19780084368	Saturn V system design, programming, and data adapter design evaluation	1963
19780085093	Surveyor mission required velocity program	1963
19780085100	Saturn 1 ground computer operation	1963
19780085107	Program review: Saturn 1, 1B, V, Nova and related facilities	1963
19780085108	Atlas/Centaur launch vehicle studies. Volume 6: Launch operations and ground support equipment	1963
19780085110	Centaur program plan. Volume 1: Program summary	1963
19780085111	Centaur program plan. Volume 3: Resources, materials, and services	1963
19780085112	Centaur program plan. Volume 8: Operational program	1963
19780085363	Qualification test requirements study. Volume 2: Appendix	1963
19780085405	Multi-speed resolvers for analog digital conversion of shaft missiles	1963
19780085557	Centaur attitude control system study	1963
19780085637	Ultraviolet and ionizing radiation effects on poly (ethylene terephthalate) and polypropylene: An annotated bibliography, January 1952 - December 1962	1963
19780085643	Development of a 2 KW arc-jet thruster	1963
19780085767	Follow-on investigation of a steady state hall current accelerator	1963
19780085847	Centaur program plan. Volume 2: Vehicle research and development	1963
19780085848	Centaur Program Plan	1963
19780085849	Centaur program plan. Volume 6: Material support	1963
19780085850	Centaur program plan. Volume 7: Management	1963
19780086263	Research by flight simulation	1963
19780086272	Centaur program plan. Volume 4: Reliability and quality control	1963
19780086276	Project development plan. International satellite UK-2/S-52, revision 3	1963
19780086497	Research at Atomics International on energy conversion, high temperature materials and space chemistry	1963
19780087189	Study of Mars and Venus orbiter missions launched by the 3-stage Saturn C-1B vehicle, volume 3, part 2	1963
19790072185	Recommended changes in the use of space vehicles in the Apollo test program /U/	1963
19790072191	An analysis of the value of a lunar logistic system. Part 3 - Lunar logistic system operational plans	1963
19790072193	Project Apollo - Study of possible alternative mission options and the operational decision process for handling in-flight contingencies	1963
19790072220	STL's Bellcomm subcontract for Apollo studies	1963
19790072221	Lunar orbit rendezvous reference trajectory data package: Minutes of LOR RTDP	1963
19790072333	An analysis of the value of a lunar logistic system. Part 2 - The scientific exploitation of the moon	1963
19790072416	Lunar orbit rendezvous reference trajectory data package. Volume 2, Issue 1: Printout keys and reference trajectory listing	1963
19790072417	Lunar orbit rendezvous reference trajectory data package. Volume 1, issue 1: Summary and reference trajectory data exhibits	1963
19790072418	Lunar orbit rendezvous reference trajectory data package. Volume 4, issue 1: Reference trajectory listing (concluded)	1963
19790072419	Lunar Orbit Rendezvous Reference Trajectory Data Package. Volume 3, Issue 1: Reference Trajectory Listing (continued)	1963
19790072420	Quarterly progress report, October - December 1962	1963
19790072642	Joint MSF C-Bellcomm checkout study Interim report	1963
19790072914	Display and control recommendations made during the Gemini-Apollo guidance and navigation system comparison study	1963
19790072915	Gemini and Apollo spacecraft controls and displays	1963
19790072923	Lunar orbit rendezvous reference trajectory data package	1963
19790073050	Flight test plan review. Service propulsion system /U/ Interim report	1963
19790073216	Application of laser communication systems to project Apollo	1963
19790073328	Lunar photographic orbiter - Lighting and viewing conditions	1963
19790073390	Extent of overtesting of the Apollo space vehicle sub-systems	1963
19790073725	NASA Apollo quarterly progress report, April - June 1963	1963
19790073729	NASA Apollo quarterly progress report, January - March 1963	1963
19790073735	Transmittal of the minutes of the task 9 quarterly reporting conference for the quarter ending 30 June 1963 /U/	1963
19790073736	Apollo quarterly progress report, April June 1963	1963
19790073737	NASA Apollo progress report Quarterly progress report, Jul. - Sep. 1963	1963
19790073840	Statistical decision in lunar site certification	1963
19790073940	The radiation environment of Apollo Interim report	1963
19790073942	Recommendations for data collection and analysis of trapped radiation belts	1963
19790075737	NASA Apollo Progress Report	1963
19790075738	NASA Apollo progress report	1963
19790076129	AEC-NASA Space Nuclear Propulsion Office NERVA program	1963
19790076201	Experimental and theoretical investigation of a Reichardt body of revolution with low drag suction, NASA-Ames 12 foot pressure wind tunnel	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790076559	Flight test number 8, phase 2. Part A Paraglider development program	1963
19790076561	Data report of 0.055-scale Apollo dynamic stability /FD-2/ model tests in the Langley unitary plan wind tunnel low Mach leg to determine flow separator effects /project 398/	1963
19790076562	Data report for Apollo model FS-2 tests in the Ames unitary plan wind tunnels to measure launch escape vehicle component loads	1963
19790076563	Data report for tests of a 0.055-scale Apollo dynamic stability model /FD-2/ to determine flow separator effects, Langley 8 foot transonic pressure tunnel /project 258/	1963
19790076564	Data report for tests of Apollo dynamic stability model /FD-3/ to determine command module stability and launch escape vehicle flow separator effects in the Mach range from 1.5 to 10.0	1963
19790076567	Appendix C to data report for Ames UPWT tests of Apollo 0.105 scale FS-2 static force model at Mach numbers 0.5 to 3.4 to evaluate aerodynamic strakes attached to the command module /fifth series/	1963
19790076572	Data Report of JPL wind tunnel tests of a 0.030-scale Apollo dynamic stability model (FD-1) in the 20-inch supersonic (test no. 20-516) and the 21-inch hypersonic (test no. 21-113) tunnels	1963
19790076573	Apollo model FS-1 apex-forward trim point investigation /JPL 20-536/Data report, 7-13 Nov. 1962	1963
19790076574	Static stability investigation of a 0.2-scale model of the Saturn-Apollo block 2 launch configuration in the NAA trisonic wind tunnel Data report, 1-13 Nov. 1962	1963
19790076575	Data report of 0.055-scale Apollo dynamic stability model /FD-2/ tests to determine flow separator effects, high Mach leg of the Langley unitary plan wind tunnel /project 411/	1963
19790076576	Apollo model FSJ-3 wind tunnel tests in tunnel A of the von Karman Gas Dynamics Facility, AEDC, volume 1	1963
19790076579	Data report for tests of a 0.105 scale Apollo /FS-2/ static force model to evaluate various post-abort configurations at Mach numbers 0.4 to 3.5 in the NAA Trisonic Wind Tunnel /TWT-90/	1963
19790076581	Static stability and force characteristics of a 0.02-scale model of the Saturn C-1 launch vehicle with Apollo payload for the Mach number range 0.70 to 3.50	1963
19790076582	Experimental heat transfer and pressure distributions over entry configurations of 0.02-scale Apollo models H-1 and PS-1 and hemisphere cylinders H-9 and PS-9 at Mach number 10 /U/	1963
19790076585	Wind tunnel test data of an .03 scale Little Joe 2, Apollo force model	1963
19790076598	Apollo FSL-1 model wind tunnel tests in the A and B tunnels of the AEDC von Karman Gas Dynamics Facility Data report, 1-9 Oct. 1962	1963
19790076608	Static stability and force characteristics of a 0.02 scale model of the Saturn C-1 launch vehicle with Apollo payload for the Mach number range 3.5 to 8.0	1963
19790076613	Static stability and force characteristics of a 0.02-scale model of the Saturn C-1 launch vehicle with Apollo payload for the Mach number range 0.4 to 3.5	1963
19790076614	Static stability and force characteristics of a 0.02-scale model of the Saturn C-1 launch vehicle with Apollo payload for Mach number 0.31	1963
19790076621	The Mariner R Project, Volume I Progress report, 1 Sep. 1962 - 3 Jan. 1963	1963
19790076648	Mid-term technical review extended mission Apollo system /XMAS/	1963
19790076649	Apollo system specification	1963
19790076656	Preliminary Apollo flight mission assignments	1963
19790076657	Apollo flight mission assignments, 9 April 1963	1963
19790076667	Docking simulation 1-A1 Final report	1963
19790076669	Project Apollo. Mission operations analysis for a typical lunar landing mission, supplement	1963
19790076671	Feasibility study and detailed test plans for LEM-1 and LEM-2 qk	1963
19790076676	Application of LEM technology to NASA lunar landing research program	1963
19790076677	Detailed presimulation report for phase A lunar hover and landing simulation	1963
19790076680	Preliminary report on automatic LEM mission study	1963
19790076684	Mission plan /U/	1963
19790076685	Abort procedures, lunar landing, lunar reconnaissance for the Apollo mission, supplement Final report	1963
19790076688	Modified Apollo logistics spacecraft /U/	1963
19790076694	The horizon photometer and other earth parking orbit guidance and navigation measurements	1963
19790076695	Analysis of LEM mission inertial uncertainties	1963
19790076701	Lunar orbit rendezvous reference trajectory data package	1963
19790076703	Nasa support manual - apollo description manual /applicable to boilerplate 6 only/	1963
19790076705	Surveyor project review	1963
19790076709	Apollo Monthly progress report, 16 Mar. - 15 Apr. 1963	1963
19790076715	Guidance computer and associated ground support equipment Monthly technical report, 1-30 Apr. 1963	1963
19790076716	Guidance computer and associated ground support equipment Quarterly technical report, 1 Jan. - 31 Mar. 1963	1963
19790076719	LTA-8 and LTA-9 preliminary design summary report - Integrated system dynamic test and evaluation vehicles	1963
19790076725	Apollo part task trainer	1963
19790076727	Preliminary training plan for the lunar excursion module program. Volume 2 Ground crew training	1963
19790076729	Facilities plan for Project Apollo lunar excursion module	1963
19790076739	Juno final report, volume III. Juno II earth satellites	1963
19790076751	Surveyor spacecraft system	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790076769	An approximate method of calculating the angle of attack response of the C-1 vehicle due to winds measured prior to launch	1963
19790076771	Detailed presimulation report for phase A rendezvous simulation	1963
19790076775	Weight and balance report	1963
19790076776	Project Apollo guidance and navigation program Quarterly technical progress report	1963
19790076778	Inflight alignment errors of the IMU Stable Member	1963
19790076794	Backup thrust vector control	1963
19790076803	Project Gemini Quarterly status report, 1 Sep. - 30 Nov. 1963	1963
19790076804	Apollo Design Review Board	1963
19790076812	Apollo systems description. Volume 2 Saturn launch vehicles	1963
19790076817	Project Apollo spacecraft description	1963
19790076818	Trisomic static pressure wind tunnel tests /TWT-82/ of the Apollo launch escape vehicle 0.045-scale model /PS-3/ Data report, 8-20 Oct. 1962	1963
19790076819	Apollo system specification	1963
19790076823	Monthly weight and balance report for the Apollo spacecraft	1963
19790076824	Monthly weight and balance report for the Apollo spacecraft, February 1963	1963
19790076825	Monthly weight and balance report for the Apollo spacecraft, March 1963	1963
19790076826	Monthly weight and balance report for the Apollo spacecraft, April 1963	1963
19790076827	Monthly weight and balance report for the Apollo spacecraft, May 1963	1963
19790076828	Monthly weight and balance report for the Apollo spacecraft, June 1963	1963
19790076830	Monthly weight and balance report for the Apollo spacecraft, August 1963	1963
19790076831	Actual weight and balance report, Boilerplate no. 6, C/M and L.E.S. for pad abort	1963
19790076832	Actual weight and balance report Boilerplate no. 2, command module for land and water impact /U/	1963
19790076838	Monthly weight and balance report for the Apollo spacecraft, October 1963	1963
19790076848	Actual weight and balance report B/P 6 at WSMR C/M and LES for pad abort 1	1963
19790076854	Estimated weight, balance, inertia and weight distribution for Apollo airframe configurations	1963
19790076855	Data report for Ames UPWT tests of Apollo 0.105-scale FS-2 static force model at Mach numbers 0.5 to 3.4 to evaluate aerodynamic strakes attached to the command module /fifth series/	1963
19790076858	Actual weight and balance report, boilerplate no. 3 airplane drop parachute test	1963
19790076860	Monthly weight and balance report for the Apollo spacecraft	1963
19790076882	Apollo flight research and development instrumentation performance and interface specification for boilerplates and airframes	1963
19790076891	Apollo measurement requirements. Volume 2 Boilerplate measurement list	1963
19790076892	Actual weight and balance report boilerplate no. 19, airplane drop parachute test	1963
19790076896	NASA support manual. Apollo description manual - Applicable to boilerplate 13 only	1963
19790076906	Preliminary study of alternate methods of thrust vector control	1963
19790076907	Preliminary LEM mass property report	1963
19790076908	LEM mass property report, 31 October 1963	1963
19790076913	Design criteria and environments, 15 May 1963	1963
19790076914	Systems status report, 15 December 1963 /U/	1963
19790076922	Back-up guidance requirements	1963
19790076923	LEM emergency abort guidance system study	1963
19790076926	Equipment item location rationale for the ascent vehicle	1963
19790076934	Apollo guidance and navigation Comments on the lunar landing mission design plan of 15 April 1963	1963
19790076935	Project Apollo guidance and navigation program Monthly technical progress report, Jul. 1963	1963
19790076941	Project Apollo systems description review report, 22 April 1963	1963
19790076943	Project Apollo guidance and navigation program Monthly technical progress report	1963
19790076946	Control and design goal weights Interim report	1963
19790076949	Measurements list for LEM no. 1 and 2	1963
19790076950	Systems status report, 15 September 1963	1963
19790076956	Spacecraft module sizing computer program	1963
19790076957	LEM guidance and navigation validation study	1963
19790076960	Postlaunch memorandum report for Apollo pad abort 1	1963
19790076962	Project Apollo Quarterly status report for period ending 30 Jun. 1963	1963
19790076963	Flight test plan Apollo guidance and navigation system AGE 5	1963
19790076964	Project Apollo guidance and navigation program Quarterly technical progress report period ended Jun. 1963	1963
19790076967	Preliminary Apollo guidance and navigation system performance and interface requirements specification	1963
19790076968	Apollo flight research and development instrumentation performance and interface specification for boilerplates and airframes	1963
19790076977	Preliminary LEM instrumentation list	1963
19790076995	Apollo reentry heating	1963
19790077014	Minutes of radar requirements coordination meeting no. 1 between Grumman Aircraft Engineering Corporation /GAEC/ and Massachusetts Institute of Technology /MIT/	1963
19790077017	In-flight checkout, Project Apollo	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790077037	Preliminary fire-in-the-hole study /U/	1963
19790077038	High performance Apollo propulsion system study, phase 1	1963
19790077041	Design control specification for lunar excursion module propellant system and thrust chamber assemblies reaction control subsystem	1963
19790077042	Vendor requirements propellant system and thrust chamber assemblies of the reaction control subsystem for the lunar excursion module	1963
19790077046	Configuration analysis of ascent propulsion subsystem	1963
19790077048	Fire-In-The-Hole /FITH/ /U/	1963
19790077055	The Syncom I JPL Apogee rocket motor	1963
19790077057	Apollo reliability program plan	1963
19790077061	Vendor requirements for navigation and guidance subsystem rendezvous radar/ transponder and landing radar sections	1963
19790077063	Minutes of radar requirements coordination meeting no. 1 between Grumman Aircraft Engineering Corporation /GAEC/ and Massachusetts Institute of Technology	1963
19790077066	Electrical power subsystem power generation configuration study	1963
19790077067	Electrical power system configuration study	1963
19790077068	Vendor requirements - Fuel cell assembly, electrical power subsystem for lunar excursion module	1963
19790077069	Radar requirements report	1963
19790077076	Design criteria, trajectories, and heating rates for the Apollo command module heat shield, volume 1	1963
19790077098	Systems status report, 15 November 1963	1963
19790077102	Systems status report, 15 October 1963	1963
19790077124	Quarterly reliability status report, January 1963	1963
19790077125	Quarterly reliability status report, May 1963	1963
19790077126	Quarterly reliability status report, July 1963	1963
19790077127	Quarterly reliability status report, October 1963	1963
19790077134	Quarterly reliability status report, March 1963	1963
19790077135	Reliability plan	1963
19790077138	Apollo reliability program plan	1963
19790077140	Reliability and quality assurance progress report	1963
19790077144	Design criteria and environments, May 1963	1963
19790077152	Flight crew performance specification /preliminary/ for the lunar excursion module lunar landing mission	1963
19790077153	TM-2 thermal analysis Progress report	1963
19790077154	Design criteria and environments, 15 November 1963	1963
19790077160	Preliminary subsystem controls and displays	1963
19790077163	Vendor requirements - Environmental control subsystem sections 1 thru 4 for the lunar excursion module	1963
19790077172	Project gemini Program progress report	1963
19790077181	Project Apollo Quarterly status report, period ending 30 Sep. 1963	1963
19790077184	Monthly weight and balance report for the Apollo spacecraft, November 1963	1963
19790077185	Monthly weight and balance report for the Apollo spacecraft, December 1963	1963
19790077189	Project Apollo end item specification, boilerplate number 16	1963
19790077195	Quarterly reliability status report, August 1963	1963
19790077196	Quarterly reliability status report, November 1963	1963
19790077205	Apollo spacecraft program Quarterly status report, period ending 31 Dec. 1963	1963
19790077207	Apollo spacecraft project Status report, period ending 31 Mar. 1963	1963
19790077223	Project Apollo Quarterly status report, period ending 30 Jun. 1963	1963
19790077227	Apollo monthly progress report, 16 September - 15 October 1963	1963
19790077228	Apollo monthly progress report, 16 May 15 June 1963	1963
19790077229	Apollo 16 PIP Mod D program /R and D Quarterly technical report, for 31 Mar. 1963	1963
19790077230	Apollo monthly progress report, 16 August 15 September 1963	1963
19790077236	Apollo monthly progress report, 16 June 15 July 1963	1963
19790077237	Apollo monthly progress report, 1 December 1962 - 15 January 1963	1963
19790077238	Apollo monthly progress report, 16 January - 15 February 1963	1963
19790077239	Apollo monthly progress report, 16 February - 15 March 1963	1963
19790077240	Apollo monthly progress report, 16 April - 15 May 1963	1963
19790077241	Apollo monthly progress report, 16 July 15 August 1963	1963
19790077242	Apollo monthly progress report, 16 October 15 November 1963	1963
19790077364	Study of a site survey payload for a 1500 pound class lunar logistic system	1963
19790078423	Parametric study of the separation distance and velocity between a spacecraft and an ejected object	1963
19790078427	Six-degrees-of-freedom Gemini reentry simulation	1963
19790078428	Study of powered descent trajectories for manned lunar landings	1963
19790078434	Space station reaction control and orbit maintenance requirements	1963
19790078441	A theoretical analysis of the telemetry communication system for the Apollo research and development project	1963
19790078444	Review of Mercury launch abort system experience and application to the design of advanced crew safety systems	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085320	Solution of Prandtl's boundary-layer equations	1963
19790085459	A study of the heat transfer data obtained on the 0.045 Apollo model in the Mach 10 tunnel C at the Arnold Engineering development center	1963
19790086472	Study of satellite orbit adjustment systems, volume II /U/ Final report	1963
19790087229	Analysis of B-52H electronic equipment ram air cooling ground and flight test (WFT 1141), volume 1	1963
19790087230	Analysis of B-52H electronic equipment ram air cooling ground and flight test (WFT 1141), volume 2	1963
19790087231	Analysis of B-52H electronic equipment ram air cooling ground and flight test (WFT 1141), volume 3	1963
19800072903	Transcript of the Photovoltaic Specialists Conference	1963
19800073164	Transcript of the Photovoltaic Specialists Conference	1963
19800073366	The Canadian Topside Sounder satellite engineering performance	1963
19800073371	Ground-based receiver uses step-tuning to track HF signals from Alouette	1963
19800073427	Canadian satellite: The topside sounder Alouette	1963
19800073440	The structure of the upper ionosphere as observed by the topside sounder satellite	1963
19800073462	The success of Canada's topside sounder satellite	1963
19800073474	Alouette 1 ionospheric data Alosyn, 16 - 30 aa	1963
19800074475	Proceedings of the Twelfth Lunar and Planetary Exploration Colloquium, Volume 3, Number 2	1963
19800078864	Polycrystalline ceramic fiber reinforcements for high-temperature structural composites	1963
19800080496	Polycrystalline ceramic fiber reinforcements for high-temperature structural composites	1963
19810069859	A preliminary analysis of the Alouette ionospheric data	1963
19810080482	Analysis and design of hyperflo test item-SP-3A addpep (U)	1963
19820067071	Water management system evaluation for space flights of one year duration: Life support system for space flights of extended time periods, addendum	1963
19820067072	Water management subsystem specification for space flights of extended time periods: Life support system for space flights of extended time periods	1963
19820067073	Water management system evaluation for space flights of one year duration: Life support system for space flights of extended time periods	1963
19820067075	Instrumentation and controls subsystem specification for space flights of one year duration: Life support system for space flights of extended time periods	1963
19820067076	Life support system for space flights of extended time periods: Waste management system evaluation for space flights of one year duration	1963
19820067077	Atmospheric contaminant control subsystem evaluation or space flights of one year duration, appendum. Life support system for space flights of extended time periods	1963
19820067080	High temperature catalytic burner life support system specification for life support system for space flights of extended time periods	1963
19820067081	Life support system for space flights of extended time periods	1963
19820067082	Life support system for space flights of extended time periods	1963
19820067083	Life support system for space flights of extended time periods	1963
19820067084	Life support system for space flights of extended time periods	1963
19820067087	Life support system for space flights of extended time periods	1963
19820067102	Addendum to food management system evaluation and subsystem specification for space flights of one year duration. Life support system for space flights of extended time periods	1963
19820068521	The NASA Scientific and Technical Information Program	1963
19820077539	Guide for technical report preparation	1963
19830071296	Tables and graphs of zeros of cross product besel functions	1963
19830073106	Thermal control analysis for space flights of one year duration, volume 3	1963
19830073549	The Grumman Project D-186: Feasibility Study and Design of Passive Dampers for a Manned Rotating Space Station	1963
19830073713	Fluid heating and pumping unit specification for life support system for space flights of extended time periods	1963
19830073937	Fluid cooling and pumping unit life support system specification for life support system for space flights of extended time periods	1963
19830073941	Thermal control analysis for space flights of one year duration. Volume 1: Life support system for space flights of extended time periods	1963
19830073942	Filtration water recovery system life support system specification for life support system for space flights of extended time periods	1963
19830073943	The CO2 concentration unit life support system specification for life support system for space flights of extended time periods	1963
19830073944	Personal hygiene system evaluation and subsystem specification for space flights of one year duration. Life support system for space flights of extended time periods	1963
19830076913	Food management system evaluation and subsystem specification for space flights of one year duration. Revision A: Life support system for space flights of extended time periods	1963
19830077216	Summary report on NASA 1.70 and NASA 10.80 ozone-freon 12 release	1963
19830077217	NASA: Nike-Apache 14.102 NA and 14.103 NA comet simulation experiments	1963
19830077416	Life support system for space flights of extended time periods. Oxygen recovery system evaluation for space flights of one year duration. Addendum A	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830079883	Full-scale wind-tunnel investigation of the drag characteristics of an HU2K helicopter fuselage	1963
19830085259	Saturn IB/S-6 Launch Vehicle for Voyager	1963
19830085260	Saturn IB/S-VI launch vehicle for Voyager. Volume 4: Astrionics aspects	1963
19830085261	Saturn IB/S-6 Launch Vehicle for Voyager	1963
19840067292	Life support system for space flights of extended time periods. Oxygen recovery system evaluation for space flights of one year duration	1963
19840072014	The triumph of Astronaut L. Gordon Cooper, Jr. and the Faith 7, 15-16 May 1963	1963
19840075033	Interaction of metal carbides, nitrides, and borides in contact with refractory metals at high temperatures	1963
19840075394	Classification of the pseudo-ternary systems of sintered carbides	1963
19840080165	Operational feasibility of a conceptual large space station	1963
19850068540	Access to the aerospace literature	1963
19850069715	Condensate removal by centrifugal force	1963
19870067934	Calculation of the far-field acoustic effects of static testing of large space vehicles	1963
19870070525	Structural dynamic flight data analysis for Atlas/Agenda/Ranger (Ranger 2 through Ranger 5)	1963
19880069000	Factors affecting reattachment of supersonic flows	1963
19880069339	Sea Dragon concept. Volume 1: Summary	1963
19880069340	Sea Dragon concept, volume 3	1963
19880070895	Aerospace propulsion system improvement analysis	1963
19880071950	Reciprocating engines	1963
19880074179	Coatings for refractory metals in aerospace environments	1963
19890068698	Solid-boosted nova vehicle system study. Volume 4: Operations, manufacturing and facilities; reliability and development plan; advanced technology and costing and funding	1963
19890071950	Radar Attenuation Symposium	1963
19890071951	Development and evaluation of electric arc heated rocket exhaust simulator	1963
19890071952	Radar attenuation by exhaust gases of double-base propellants	1963
19890071953	The afterburning of rocket exhausts	1963
19890071954	Fundamentals of ions in flames	1963
19890071955	The prediction of rocket exhaust interference with radio signals	1963
19890072808	State-of-the-art toxicological data for 14 compounds, 1962	1963
19890072815	The 2nd Radar Attenuation Symposium	1963
19890073743	Bulletin of the 19th Meeting of the Interagency Chemical Rocket Propulsion Group: Working Group on Analytical Chemistry	1963
19890073744	Status of analytical chemistry of solid propellants. Part A: Minuteman propellants	1963
19890073745	Status of the analytical chemistry of solid propellants. Part B: Polaris and Tartar/Hawk	1963
19890073746	Instrumental determination of epoxy resin cure and its application to the Minuteman third stage powder embedment process	1963
19890073747	The use of X-ray fluorescence for in-process control of solid propellant	1963
19890073748	Application of nuclear magnetic resonance to automate analysis of mixed acids used in cellulose nitration	1963
19890073749	Ultraviolet determination of RDX in HMX	1963
19890073750	Titration characteristics of RDX and HMX in nonaqueous solvents	1963
19890073751	Round Robin 23: Evaluation of the infrared determination of nitrogen content of nitrocellulose	1963
19890073752	Recent developments in the analysis of double-base propellants	1963
19890073753	Methods for the analysis of mixed amine fuels	1963
19890073754	Analysis of Compound A	1963
19890073755	The status of current analytical procedures for storable propellants	1963
19890073756	Infrared spectrometric determination of unsaturation distribution in polybutadiene-type polymers	1963
19890073757	The analytical chemistry of aziridines and oxazolines	1963
19890073758	Applications of attenuated total reflectance spectroscopy to Minuteman third stage problems	1963
19890073759	A nuclear magnetic resonance method for the characterization and analysis of fluorine-containing polymers	1963
19890073760	IR analysis of polymer hydroxyl end groups	1963
19890073761	Analysis of cured polyurethane propellant	1963
19890073762	The use of thin layer chromatography for analyzing plastisol nitrocellulose composite propellants	1963
19890073763	Particle size and surface area by micromerograph sorptometer and microscopic measurements	1963
19890073764	Comparison of recent methods for particle size measurement of HMX	1963
19890073765	Development of Coulter Counter techniques for ammonium perchlorate particle size distribution analysis	1963
19890073766	NMR determination of hydrolysis product content of nitronium perchlorate	1963
19890073767	Sample handling techniques for gas chromatographic analysis of liquid explosives	1963
19890073768	The effect of variations in propellant formulations on ballistic, mechanical, and physical properties	1963
19890073769	X-ray analysis of propellant beryllium residues	1963
19890073770	Eudiometric analysis of powdered aluminum: Round Robin no. 22	1963
19890073771	Determination of oxygen in liquid alkali metals by the mercury amalgamation method	1963
19890073772	Decomposition of aluminum hydride at ambient temperature	1963
19890073773	Applications of the fifteen to twenty-five micron spectral region to solid propellant research and development	1963
19900066235	PERT: Guide for management use	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19900066939	A new look at multiple scattering	1963
19900067302	Effects of assumed changes in the near ultraviolet radiation on the photochemical distribution of atmospheric ozone and on the heating rates in the stratosphere	1963
19900067352	On the nature of the planetary companions of stars	1963
19900067384	Proceedings of the 2nd Seminar on Automatic Checkout Equipment and Techniques	1963
19900068731	Light weight thermal protection system development, volume 1	1963
19910072599	The atmosphere of Earth and other planets	1963
19910072621	The depth of the outer convection zone in main-sequence stars	1963
19910072645	Orbit theory and the Boltzmann equation	1963
19910072818	Plasma radiation	1963
19910072848	On the nature of Van Biesbroeck's star plus 4 degrees 4048B	1963
19910072853	Supernovae, neutron stars, and two kinds of neutrino	1963
19910072990	Geophysical applications of plasma physics orbit theory	1963
19910074178	Project Mercury	1963
19920077137	Inviscid, nonequilibrium flow behind bow and normal shock waves. Part 1: General analysis and numerical examples	1963
19930074634	Apollo Terminology	1963
19930075105	State-of-the-art reliability estimate of Saturn 5 propulsion systems	1963
19940004444	Performance characteristics of a large free-field exponential horn	1963
19940005535	The cylindrically constricted DC thermal arc with axial air flow: A comparison of the simplified theoretical model with experimental results	1963
19940041524	Research program related to vapor thermionic converters for nuclear application	1963
19960021084	Error Analysis of Saturn Guidance Hardware as Applied to a Lunar Mission	1963
19960021171	Commercial Supersonic Transport Panel Flutter Studies	1963
19960028666	Summary of C-5 Development Plan	1963
19960031871	Proceedings of the 18th Annual Technical and Management Conference, Reinforced Plastics Division	1963
19960039802	Atlas/centaur Launch Vehicle Studies. Volume 7: Supplementary Studies	1963
19960039803	Experimental Plasma Spectroscopy	1963
19960039827	Feasibility Studies of Supersonic Commercial Air Transport Configurations, Volume 5, SCAT 16 (U)	1963
19960039946	Delta Spacecraft Design Restraints	1963
19960042485	Engine Cycle Studies for the Commercial Supersonic Transport	1963
20010120443	Preparation of Electron Fractography Handbook	1963
20010121903	Experimental Study of Factors Controlling the Effectiveness of High-Temperature Protective Coatings for Tungsten	1963
20010121909	Development of Optimum Processing Parameters for Refractory Metal Foil	1963
20010121923	Studies of High-Frequency Welding Process	1963
20010122768	Anodized Films as Oxidation Protection for Beryllium Metal	1963
20010123292	Fundamentals of Sintering - VII	1963
20010123300	Some Exact Solutions of the Problem of Axisymmetric Bending of Thin Spherical Shells	1963
20010123303	Deleted record	1963
20010124948	Analysis of Vehicle Electrical Loads	1963
20020007876	Research Investigation on Mechanical Properties of Nickel and Cobalt Base Alloys for Inclusion in Military Handbook-5	1963
20020008513	Corrosion Mechanisms in Refractory Metal-Alkali Systems	1963
20020012626	Investigation of Weldability of Additional Columbium Alloys	1963
20020018557	Research on Refractory Alloys of Tungsten, Tantalum, Molybdenum, and Columbium	1963
20020018931	Coatings for Refractory Metals in Aerospace Environments	1963
20020022260	Weldability and Fracture Toughness Survey of 18-Ni-Co-Mo Maraging Steel	1963
20020022263	Thermodynamic and Kinetic Studies for a Refractory Materials Program	1963
20020022265	Development of Ultrasonic Techniques and Standards for Detection of Production Defects in Filament Wound Fiber Reinforced Structural Materials	1963
20020022398	Development of Practical Techniques for Applying Protective Coatings to Columbium Alloys	1963
20020022420	Development of Columbium Base Alloys	1963
20020022430	Effect of Long-Time Creep on Structural Sheet Materials	1963
20020022434	Improvement of Fracture Toughness of H-11 (5% CR-MO-V) Sheet Steel by Means of Unconventional Heat Treatment	1963
20020022446	The Relationship of Microstructure to Strength and Toughness in High Strength Steel	1963
20020022448	Development and Evaluation of Coatings for Earth Re-Entry Systems	1963
20020022450	Long-Time Intermittent Creep	1963
20020022453	Isostatic Compaction of Particulate Pure Metals without Contamination	1963
20020022454	A Study of the Factors Affecting the Decomposition of the Intermediate Phase YTi3Al	1963
20020022464	Protective Coatings for Tantalum-Base Alloys	1963
20020022465	Protective Coatings for Tantalum-Base Alloys	1963
20020022601	Surface Ion Source Phenomena and Technology	1963
20020022605	High Temperature Oxidation Protective Coatings for Vanadium-Base Alloys	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20020022637	Design, Fabrication and Hydrotesting of a 120-Inch Diameter Pressure Vessel Using 18 Percent Nickel Maraging Steel	1963
20020022751	Vehicle Design and Propulsion	1963
20020022754	Tungsten Sheet Rolling Program	1963
20020023112	Development of an Inflatable Self-Rigidizing Space Shelter and Solar Collector from Honeycomb Sandwich Material	1963
20020026438	Activity Report of High Temperature Coating and Material Programs at AMF	1963
20020027796	Literature Survey: Weldable High Strength Aluminum Alloys	1963
20020028245	The Relationship of Microstructure to Strength and Toughness in High Strength Steel	1963
20020028847	Research on the Technology of Tantalum Alloys with Maximum Strength in the 3000 degree F to 3500 degree F Range	1963
20020028851	Development of Optimum Processing Parameters for Refractory Metal Foil	1963
20020028854	Research on Metal-Organic Compounds for Vapor-Plating Applications	1963
20020028856	Research to Determine the Composition of Dispersed Phases in Refractory Metal Alloys	1963
20020028858	Research and Development in Support of the Polaris Program. Task V: development of High-Strength Impregnated Roving for Filament Winding	1963
20020028861	An Apparatus for Gravimetric Determination of the Effects of Low Pressure Oxidation	1963
20020028867	Physical and Mechanical Properties of Pressure Vessel Material for Application in a Cryogenic Environment	1963
20020029466	Research to Determine the Composition of Dispersed Phases in Refractory Metal Alloys	1963
20020029467	The Effects of Stress Corrosion on High Strength Steel Alloys	1963
20020029473	The Tensile Ductility - Transition in Molybdenum	1963
20020029475	Plastic Deformation and Martensitic Transformation in Alloy Single Crystals	1963
20020030443	Investigation of Boride Compounds for Very High Temperature Applications	1963
20020030444	A Microplasticity Study of Dispersion Strengthening in TD-Nickel	1963
20020031121	Electrodeposition Studies of Molybdenum, Tungsten, and Vanadium in Organic Solvents	1963
20020032601	Determination of Cobalt and Nickel in Tungsten by a Combined Ion Exchange X-Ray Spectrographic Method	1963
20020033778	Mechanical Properties of Stress-Relieved Stretched Aluminum Alloys	1963
20020033779	Effects of Processing Variables on the Structure and Properties of Refractory Metals	1963
20020039875	Compatibility of Materials with Liquid Oxygen	1963
20030063281	Manned Planetary Mission Technology Conference	1963
20030063282	Trajectory Considerations for Manned Round Trips to Mars via High-Thrust Rockets	1963
20030063283	A Preliminary Study of Mission and Spacecraft Requirements for Manned Mars Orbiting and Landing	1963
20030063284	Methods for Computing Round-Trip Trajectories for Low-Thrust Vehicles	1963
20030063285	A Technique for Advanced Mission Analysis	1963
20030063286	Reflection of Actual Energy Requirements on Nuclear Vehicle Sizes to Perform a Manned Mars Mission	1963
20030063287	Performance Comparison Between Variable Thrust and Constant Thrust Electric Propulsion Systems for Mars Flyby and Earth Escape Missions	1963
20030063288	An Investigation of a Manned Mission to Mars	1963
20030067887	Atmospheric Entry and Gas Thermodynamics	1963
20030068066	Life Support	1963
20030068067	Life Support	1963
20030068068	Life Support Systems for Manned Planetary Missions	1963
20030068069	Some Metabolic Aspects of Extended Space Flight	1963
20030068070	Environmental Control and Crew Equipment Aspects of Extended Space Flight	1963
20030068236	Project Bullseye Report Number 6	1963
20030068454	Spacecraft Technology and Design Problems	1963
20030068455	Shielding Requirements for Manned Mars Missions	1963
20030068456	Spacecraft Sealing Problems	1963
20030068457	Summary of Spacecraft Technology and Design Problems	1963
20030068458	Onboard Power for Manned Missions	1963
20030068459	Spacecraft Structures	1963
20030068460	Tankage Problems with Cryogenic Propellant for Spacecraft	1963
20030108111	Mission Examples	1963
20030108112	Departure Weight and Propulsion Requirements for Manned Mars Mission Employing Nuclear Propulsion	1963
20030108113	A Manned Mars-Moon Mission	1963
20030108114	Manned Mars Landing Mission Via High-Thrust Rockets	1963
20030108115	The Role of Early Manned Fly-By Missions in Planetary Exploration	1963
20030108116	Mars Exploration Guidelines and Spaceship Description	1963
20030108117	A Preliminary Mission Analysis of the Manned Martian Round Trip Using Electric Propulsion	1963
20040016412	A Simplified Method of Determining the Elastic State of Thermal Stress in a Thin, Flat Plate of Finite Dimensions	1963
20040030505	Blast Effects Study	1963
20040035560	Additional Status Report on Trapped Electrons from the STARFISH High Altitude Nuclear Test	1963
20050160489	A Study of Advanced Orbital Launch Operations	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20050165712	Solid-Boosted Nova Vehicle System Study	1963
20050167098	Solid NOVA Study	1963
20050175896	Solid-Boosted NOVA Vehicle System Study	1963
20050192223	Saturn IB/S-VI Launch Vehicle for Voyager	1963
20050192231	Saturn	1963
20050192232	SA-5 Predicted Standard Trajectory and Dispersion Analysis	1963
20050192233	Survey of Missions for the Multi-Missions Module	1963
20050192234	Saturn I Block II: S-I-IV Separation Study	1963
20050192251	Results of the Second Saturn I Launch Vehicle Test Flight SA-2	1963
20050192254	OMSF Program Supporting Research Projects	1963
20050228930	ISIS-X (International Satellites for Ionospheric Studies)	1963
20050230319	TIROS H	1963
20050230329	Project Tiros VIII Post-Launch Progress Report No. 1	1963
20050232744	Apollo Spacecraft Flight Abort Test, Mission A-001	1963
20050232767	Second Atlas Centaur Development Flight	1963
20050232881	Interplanetary Explorer Project; IMP-A	1963
20050236234	Air Density Explorer Project	1963
20060051720	Fracture Toughness of Air Quenched Versus Oil-Quenched H-11 Sheet Steel	1963
20060056396	Error Analysis of Several Methods of Determining Vehicle Position in Earth-Moon Space from Simultaneous Onboard Optical Measurements	1963
20060056400	A Method of Asymptotic Expansions for Singular Perturbation Problems: Application to Viscous Flow over a Flat Plate	1963
20080002333	NASA Apollo Progress Report. Bellcomm, Inc. Quarterly Progress Report: April, May, June 1963	1963
20080002336	NASA Apollo Progress Report. Bellcomm, Inc. Quarterly Progress Report: July, August, September 1963	1963
20080002338	NASA Apollo Progress Report. Bellcomm, Inc. Quarterly Progress Report: January, February, March 1963	1963
20080021951	A Preliminary Guidance Analysis of an Earth-Moon Libration Point Vehicle	1963
20080038046	Subsonic and Supersonic Flutter Analysis of a Highly Tapered Swept-Wing Planform, Including Effects of Density Variation and Finite Wing Thickness, and Comparison with Experiments	1963
20080043566	Planetary Aeronomy VIII: A Congeries of Absorption Cross Sections for Wavelengths Less Than 3000 A (Angstrom)	1963
20080043643	Reliable Electrical Connections - Third Edition	1963
20090000971	Space Programs Summary No. 37-23	1963
20090006904	Apollo Terminology Handbook	1963
20090007786	Bellcomm, Inc. Quarterly Progress Report: October, November, December 1962	1963
20090017514	NASA-PERT 'B' Systems Manual	1963
20090017817	Saturn S-II Stage: Monthly Quality Status Report	1963
20090017819	Saturn S-II Stage: Monthly Quality Status Report	1963
20090017822	Quality Control Performance Audits: Saturn S-II	1963
20090017825	Quality Control Performance Audits: Saturn S-II	1963
20090019559	Quality Status Report: Saturn S-II Stage	1963
20090019662	NASA PERT Systems Manual	1963
20090020396	Technology Utilization Program: Review Meeting	1963
20090021915	Apollo Support Program: Report on Options and Referenced Documents	1963
20090021916	Space Flight Handbooks. Volume 3- Planetary Flight Handbook	1963
20090033945	Launch Operations Center Technical Progress Report	1963
20100013029	Vaccination Against Anthrax Infection by Injecting Killed Anthrax Bacilli in Oil Excipient (Second Note)	1963
20100014825	Bi-Monthly Progress Report. Project Gemini Studies	1963
20100015506	Bi-Monthly Progress Report. Project Gemini Studies	1963
20100015508	Bi-Monthly Progress Report. Project Gemini Studies	1963
20100015623	Summary Technical Report on Transient Pressure Measuring Methods Research	1963
20100015796	Bi-Monthly Progress Report. Project Gemini Studies	1963
20100017022	Studies on the Hill Reaction Activity of Soluble Chloroplast Extracts	1963
20100036179	Flight Performance Handbook for Powered Flight Operations	1963
20100038792	Survey of Turbojet Control Requirements	1963
20100040586	SA-4 Flight Test Data Report	1963
20100040588	Manned Space Flight Schedules	1963
20100040609	Manned Space Flight Schedules	1963
20110000483	Design Study of a Hybrid Hover Motor	1963
20110001386	Research on Resistance-Heated Hydrogen Jets	1963
20110004143	Momentum Transfer and Cratering Effects Produced by Giant Laser Pulses	1963
20110007003	Space Flight Handbooks, Volume 3	1963
20110008210	Simulation of Re-Entry Radiation Heat Transfer	1963
20110022535	NOVA Part 1 Summary	1963
20110022645	[A Study to Procure High Performance Space Propellant Ingredient II /H3D]	1963
20110023186	Saturn 5 Launch Vehicle Mission Plan and Technical Information Checklist	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20110023532	Design Study Report: Feasibility Study for a Low-Light Level TV Sensor	1963
20110024251	Integrated Abort Program. Gemini Program Launch Vehicle System	1963
20110024267	Study of a Hybrid Hover Motor	1963
20120002686	A Lifting Re-Entry Horizontal-Landing-Type Logistic Spacecraft	1963
20120002941	Force Tests on Apollo Configurations at Mach 4 Through 10	1963
20120010523	Marshall Space Flight Center Lunar Logistic System Study	1963
20130010358	Site Data Processor - Output Buffer	1963
20130010892	Design Study for Visual Cue Simulator	1963
20130013912	Design Control Specification for Pulse Code Modulation and Timing Equipment	1963
20130013975	Expanded List and Definitions of Top Apollo Program Office Requirements Documents	1963
20130014368	Elementary Electrical Schematics Ground Support Equipment: Saturn S-IC. Phase 1 Design Review, October 1-2, 1963	1963
20130014401	Vibration Test Procedure for Relief Valve Assembly P/N 873948	1963
20130014656	Astronautics Information Abstracts Reports and Open Literature Vol. VII, No. 3	1963
20130014826	Investigation in the Langley Transonic Dynamics Tunnel of a 1/8-size Aeroelastic-Dynamic Model of the Lockheed Electra Airplane with Modifications in the Wing-Nacelle Region	1963
20140000367	Some Problems in the Translational-Rotational Motion of a Rigid Body in a Newtonian Force Field	1963
20140000392	Astronautic Information Abstracts: Reports and Open Literature	1963
20140000556	Umbilical Systems: V-2 to Saturn V	1963
20140003052	Heat Sensing Instrument	1963
20140003071	Cryogenic Strengths of Inconel-X and its Welds	1963
20140003072	Absolute Phase Stability Measurements of a High Frequency Signal Source	1963
20140003074	A High-Performance, Miniaturized, Bio-Medical Amplifier	1963
20140003305	The Properties of Aluminum Alloy 2219-T6	1963
20140003323	The Coupling of a Potentiometer to a Roll Chart to Indicate Data in a Final Form	1963
20140003423	Digital Oscillator	1963
20140003589	Sensitive Electronic Servo Control with Fast Response	1963
20140003646	Quick Attach and Release Fluid Coupling Assembly	1963
20140003659	Inflatable Insulation for Cryogenic Containers	1963
20140003673	Strengths of Aluminum Casting Alloys at Low Temperatures	1963
20140003699	Prehension Force & Light Manipulative Performance Measurement Device	1963
20140003707	Method for Semi-Automatically Forming Fine Wire Brushes Under Tension	1963
20140003724	Flight Plan Display Device	1963
20140003725	Packaging Material (Dimpled & Mail)	1963
20140003804	Emergency Escape System	1963
20140004117	"Volume Ratio" Calibration System for Vacuum Cages	1963
20140004118	Diaphragm Valve for Corrosive and High Temperature Fluid Flow Control	1963
20140004121	Radiation Effects on Cell Renewal and Related Systems	1963
20140004135	A Study of Short Term Stability of a Sinusoidal Wave	1963
20140004176	Multiplexer to Combine 30 Channels of Analog Data for Transmission on a Single Carrier	1963
20140004177	Internal Deburring Tool Assembly for Use With Long Cylindrical Shapes for Deburring Holes Which are Otherwise Inexcessable	1963
20140004178	Hole Locating, Drilling and Tapping Fixture for Preparing Flanges	1963
20140004179	Preparative Method for Polymer Intermediates Containing Silicon and Titanium	1963
20140004180	Cryogenic Properties of Alloys 7075-T651, 652, and 7178-T6	1963
20140004181	cryogenic Strengths of Rene 41 and its Welds	1963
20140004186	Inductive Liquid Level Detection System for Conducting Fluids	1963
20140004188	Solid State Modulator (Chopper) for a D. C. Amplifier	1963
20140004189	Soldering Wire Straightener/Cleaner Tool	1963
20140004190	Voter Synchronized Latch	1963
20140004191	Voter Synchronized Bistable Multivibrator	1963
20140004230	Strip Chart Roller System Used in Vacuum	1963
20140004352	An Electrically Controlled Liquid Switch	1963
20140004395	Silicon Diodes Used to Increase Signal-to-Noise Ratio	1963
20140004463	Acidity (Ph) Measuring Instrument	1963
20140004594	A Device for Modulating an Optical Carrier Signal	1963
20140005308	Radiometer-Pyrometer for Analysis of Gaseous Combustion Products	1963
20140005488	Stabilization of Halopolymers by Pretreatment with Alkali	1963
20140005507	Vacuum Contracted Restraint Pads	1963
20140005508	Oblique Load Attenuation System	1963
20140005509	Hermetic Seal for Rotary Selector Switch	1963
20140005510	Device for Transmitting Rotary Motion Through a Hermetic Seal	1963
20140005615	Leak Detection Technique	1963
20140005616	Electrical Checkout of Thermocouples While Connected to Data System	1963
20150009556	Surfaces and Their Cleaning	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150009559	Dry-Heat Sterilization: Its Development and Application to Components of Exobiological Space Probes	1963
20150009725	Dry-Heat Sterilization: Its Development and Application to Components of Exobiological Space Probes	1963
20150010056	Decontamination and Sterilization of Lunar and Planetary Spacecraft	1963
20150010070	Interim Requirements from Bioclean Facilities	1963
20150010284	Progress Report: Period Covered 15 July, 1963 through 4 October, 1963	1963
20150010288	Survival of Staphylococcus Aureus in the Environment	1963
20150010499	Preventing the Premature Biological Contamination of Mars	1963
20150010543	On the Biological Utility of a Martian Orbiter Program	1963
20150010561	A Laboratory Demonstration of Martian Phenomena	1963
20150010566	Unpublished Review of the Literature Relevant to the Question of Mars Probe Sterilization	1963
20150011248	Apollo Guidance and Navigation System	1963
20150011269	A Study of Fatigue Life Under Random Loading	1963
20150012572	A Report on the First Relay Communications Satellite	1963
20150012716	Apollo Support Equipment Handbook: Test Conductor Console Model C14-019	1963
20150012718	Unsatisfactory Condition Reports Part V of the Firing Test Report Saturn Vehicle SA-4	1963
20150012738	Apollo Support Equipment Maintenance Handbook: Launch Escape Tower Substitute Unit Model A14-001	1963
20150012854	Apollo Support Equipment Maintenance Handbook - Pyrotechnics Bench Maintenance Equipment, Model C14-051	1963
20150012858	Saturn S-IV Monthly Technical Progress Report	1963
20150012860	Program Plan Saturn S-IV System	1963
20150013068	S-IC Quarterly Technical Progress Review	1963
20150013069	Solubility of Helium in Nitrogen Tetroxide, Aerozine 50, and Methyl Hydrazine	1963
20150013073	Quarterly Summary of Quality Control Program Performance Audits for Lunar Excursion Module	1963
20150013135	NASA Support Manual. Apollo Maintenance Procedures for Boilerplate 6	1963
20150013204	Drawing and Specification List: Apollo Spacecraft Complete	1963
20150013234	Lunar Surface Characteristics	1963
20150013300	S-1C Program - Quarterly Technical Progress and Program Review	1963
20150013322	Saturn S-IV Monthly Technical Progress Report	1963
20150013324	Saturn S-IV Monthly Technical Progress Report	1963
20150013325	Saturn S-IV Monthly Technical Progress Report	1963
20150013326	Saturn S-IV Monthly Technical Progress and Quarterly Report Issue Number 34	1963
20150013327	MSVP Bibliography	1963
20150013334	Paraglider Landing System for Project Gemini Phase III, Letter Number 2	1963
20150013337	Saturn S-IV Annual Technical Progress Report Issue Number 3	1963
20150013352	Specifications and Deviation Document Saturn S-IV System	1963
20150013651	Project Apollo - Effects of Fixed Reentry Trajectory on C and TS - Case 20053-1	1963
20150013671	Bonding, Electrical, General Specification	1963
20150013786	Experimental Investigation of the Overall Pressure Distribution, Flow Field, and Afterbody Heat-Transfer Distribution of an Apollo Reentry Configuration at a Mach Number of 8	1963
20150013796	Design and Construction of a Lunar Seismograph	1963
20150013838	Theoretical and Experimental Studies of the Deformation of Thin Shells	1963
20150013839	Theoretical and Experimental Studies of the Deformation of Thin Shells	1963
20150013840	Measurement of Plasma Temperature and Electron Density Distributions Using Millimeter Waves	1963
20150013845	Project Apollo Lunar-Landing Mission Design Plan	1963
20150013863	Environmental Protection When Using Electrical Equipment Within the Areas of Saturn Complexes Where Hazardous Areas Exist Procedure	1963
20150013911	Progress Report on NASA Grant NsG 154-61	1963
20150014093	Apollo Monthly Progress Report	1963
20150014276	Specification for Testing Non-Metallic Materials for Use in Manned Spacecraft	1963
20150014467	NASA - S&ID Program Review - October 14, 15, 1963	1963
20150015083	Cryogenic Research and Development	1963
20150015152	Aerodynamic Nozzle Study Volume II	1963
20150015162	Operations and Logistics Study of a Manned Orbiting Space Station	1963
20150015169	Spacecraft Environmental Control Systems - "A Look at the State-of-the-Art" Mercury Spacecraft Control System	1963
20150015516	Operational Flight-Test Experience with the X-15 Airplane	1963
20150015517	RL10 Engine for Advanced Space Missions	1963
20150015523	Special Progress Report on Experimental Evaluation of Internal Liners for Filament Wound Cryogenic Propellant Tanks	1963
20150015528	Nova Part II Summary	1963
20150015542	X-20A (DYNA-SOAR) Primary Guidance Subsystem: Three Axis Error - Detailed System Analysis	1963
20150015544	Study of a Hybrid Hover Motor	1963
20150015641	Apollo Checkout System Study	1963
20150015671	Astronautics Information Abstracts: Reports and Open Literature	1963
20150015672	Astronautics Information Abstracts - Reports and Open Literature	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150015684	Sporadic-E as Observed with Rockets	1963
20150015704	SA-6 Saturn Technical Information Handbook	1963
20150015743	Altimeter Display and Hardware Development 1903-1960	1963
20150015904	Force and Pressure Tests on Apollo Configurations at Mach 1.5 Through 10	1963
20150016111	Atomic Beam Source of Polarized Electrons	1963
20150016133	A Multi-Purpose Research Laboratory for Flight Simulation	1963
20150016221	Monthly Progress Report Month Ending 5 February 1963 Including Tentative Schedule of Operation for the Test Facilities	1963
20150016276	Orbital Rendezvous Study	1963
20150016611	Random Vibration Testing on "J" Boxes for Saturn C-1 Block II Vehicle Electrical Hardware	1963
20150016613	X-20 Crew Escape System	1963
20150016733	Research on High Temperature Hydraulic Fluids for Supersonic Transport Aircraft	1963
20150016734	Research on High Temperature Hydraulic Fluids for Supersonic Transport Aircraft	1963
20150016735	Research on High Temperature Hydraulic Fluids for Supersonic Transport Aircraft	1963
20150016737	Research on High Temperature-Resistant Seal and Sealant Materials for the Supersonic Transport	1963
20150016738	Research on High Temperature-Resistant Seal and Sealant Materials for the Supersonic Transport	1963
20150016739	A Study of Twist and Camber on Wings in Supersonic Flow	1963
20150017008	Orbiting Astronomical Observatory - Human Engineering	1963
20150017464	Study of the Transferral of Space Technology to Biomedicine	1963
20150017485	Detailed Test Objectives for Delta Launch Vehicles S/N 357/20002/3021 Spacecraft: S-6	1963
20150017488	Cesium Vaporizer Studies	1963
20150017493	Scientific Experiments for Space Probes Near the Earth, Mars, and Venus	1963
20150017500	A Study of Twist and Camber on Wings in Supersonic Flow	1963
20150017502	Research on High Temperature-Resistant Seal and Sealant Materials for the Supersonic Transport	1963
20150017512	Crash-Fire Prevention System for a Supersonic Commercial Transport	1963
20150017514	Supersonic Transport Research to Determine Validity of Using Simulators to Predict the Landing Impact Characteristics	1963
20150017516	Supersonic Transport Acoustic Instrumentation on the B-70	1963
20150017551	Testing Non-Metallic Materials for Oxygen Compatibility	1963
20150017594	Project Spin: Precision Cryogenic Gyro	1963
20150017794	On The Motion of a 24-Hour Satellite	1963
20150018017	Design Concepts for Minimum Weight, High Performance Supersonic Aircraft Structures	1963
20150018018	Design Concepts for Minimum Weight, High Performance Supersonic Aircraft Structures	1963
20150018021	Research and Thermomechanical Analysis of Brazed or Bonded Structural Joints	1963
20150018022	Research and Thermomechanical Analysis of Brazed or Bonded Structural Joints	1963
20150018023	Research and Thermomechanical Analysis of Brazed or Bonded Structural Joints	1963
20150018024	Crack Propagation Prediction and Crack Stopper Techniques for Stiffened and Unstiffened Flat Sheet in a Supersonic Transport Environment	1963
20150018026	Design Concepts for Minimum Weight, High Performance Supersonic Aircraft Structures	1963
20150018027	Research on High Temperature Hydraulic Fluids for Supersonic Transport Aircraft	1963
20150018187	Astronautics Information Abstracts	1963
20150018189	Abstracts: Reports and Open Literature	1963
20150018194	Theoretical Current-Voltage Curve in Low-Pressure Cesium Diode for Ion-Rich Emission	1963
20150018197	Reports and Open Literature	1963
20150018811	Propulsion Development Problems Associated with Large Liquid Rockets	1963
20150021229	Fabrication, Testing and Delivery of Twelve Aerojet Senior Motors	1963
20150021233	Extended-Mission Apollo Study. Volume XI-Development Plan	1963
20150021790	Changes in Liver Glycogen and Blood Corticosterone Levels in Centrifuged Mice	1963
20150021791	Studies of Brains Exposed to Cosmic Rays and to Accelerated Alpha Particles	1963
20150021793	Some Observations on the Connections of the Mesencephalic Root of the Trigemini	1963
20150021794	A Possible Prebiotic Synthesis of Purines	1963
20150021795	The Formation of Ribose and Deoxyribose by Ultraviolet Irradiation of Formaldehyde in Water	1963
20150021796	Twenty-Four Hour Cycles in Urinary Nitrogen and Electrolytes in Man	1963
20150021943	Eighth Semiannual Report to Congress	1963
20150021944	Seventh Semiannual Report to Congress, January 1 - June 30, 1962	1963
20150022888	Coatings for Refractory Metals	1963
20160000192	Servo Drive Design Procedure for Data Acquisition Antennas	1963
20160000281	Quality Control and Nondestructive Testing for the Prevention of Failures in Scientific Satellites	1963
20160000282	Mantle Models Corresponding to a Given External Gravitational Field	1963
20160000756	Mercury/Atlas Launch Vehicle Program for NASA Project Mercury	1963
20160000757	Fire II Configuration Definition and Performance Evaluation	1963
20160000820	Mercury Tracking and Ground Instrumentation Systems	1963
20160000882	Manned Orbital Development System	1963
20160000886	X-20A System Development Test Plan	1963
20160000887	Solar Probe Study	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
2016000891	Delta Range Safety Trajectory and Aerodynamic Data for the Delta S-17 Spacecraft Mission Model DSV-3B	1963
2016000901	Study of Lunar Launch Ascent Trajectory Control Employing Simple Visual/Manual Control Techniques	1963
2016000902	A Concept for a Lunar Surface Probe - Apollo Reconnaissance: Study Report	1963
2016000907	Mercury/Atlas Launch Vehicle Program for NASA Project Mercury	1963
2016000912	Automatic Fire Prevention in Buildings	1963
20160001968	Utilization of Bioelectric Potentials	1963
20160001996	Ion Rocket Engine System Research and Development	1963
20160002000	Ion Rocket Engine System Research and Development	1963
20160002012	Detection of Life-Related Compounds on Planetary Surfaces by Gas Chromatography	1963
20160002036	Development of an Ion Rocket Engine System for Attitude Control and Station Keeping	1963
20160002112	Development of an Ion Rocket Engine System for Attitude Control and Station Keeping	1963
20160002120	Ion Engine Rocket Research and Development	1963
20160002123	3kW Ion Engine Power and Signal Conditioning Equipment	1963
20160002191	Ion Engine Rocket Research and Development	1963
20160003029	Experimental and Analytical Investigation of an MGD Power Duct	1963
20160003199	Ion Rocket Engine System Research and Development	1963
20160003206	Logistic Systems Analysis for Support of Manned Space Stations	1963
20160003209	Follow-On Investigation of a Steady State Hall Current Accelerator	1963
20160003236	Proceedings of the Air Force Science and Engineering Symposium: Volume I	1963
20160003248	Saturn S-2 Stage	1963
20160003250	Saturn S-II Stage Monthly Progress Report	1963
20160003251	Saturn S-II Stage Monthly Quality Progress Report	1963
20160003257	Ionizer Development and Surface Physics Studies	1963
20160003264	Follow-On Investigation of a Steady State Hall Current Accelerator	1963
20160003265	Follow-on Investigation of a Steady State Hall Current Accelerator	1963
20160003266	Follow-On Investigation of a Steady State Hall Current Accelerator	1963
20160003267	Ion Rocket Engine System Research and Development	1963
20160003268	Ion Rocket Engine System Research and Development	1963
20160003269	Ionizer Development and Surface Physics Studies	1963
20160003270	Ionizer Development and Surface Physics Studies	1963
20160003445	Results of the Second Saturn I Launch Vehicle Test Flight	1963
20160003451	Project Gemini Pre-Installation Acceptance Tests Requirements	1963
20160003467	Night Sky X-Ray Emission	1963
20160003636	SA-6 Saturn I Block II Vehicle Description	1963
20160004032	Electromagnetic Interference Control Requirements General Specification For	1963
20160004576	Preparation of Simulation Fluid to Be Used in Lieu of Nitrogen Tetroxide	1963
20160004580	Specification for Manufacturing Test Procedure for Oxidizer Point Sensor	1963
20160004582	Specification for Manufacturing Test Procedure for Unbalance Display Servo Amplifier Schematic #386404 North American Apollo Gaging System	1963
20160004649	Specification Control Drawing for Potentiometer Multi-turn Ganged	1963
20160004651	Connectors Receptacle, Multi-Pin, Hermetic Seal Solder Mount	1963
20160004652	Specification Control Drawing for Connectors Receptacle, Multi-Pin, Hermetic-Seal Solder Mount	1963
20160009391	Some Considerations on Research Programs to Assure U.S. Capability for Constructing Manned Outposts on the Lunar Surface	1963
20160009392	Apollo Support Equipment Maintenance Handbook: Launch Escape Sequencer: Bench Maintenance Equipment, Model C14-029	1963
20160009393	Nuclear Electric Power for Manned Orbiting Space Station Phase 1: Feasibility Studies	1963
20160009397	Development of a 1,500,000-lb-thrust /Nominal Vacuum/Liquid Hydrogen/Liquid Oxygen Engine, Monthly Technical Report	1963
20160009401	Saturn Monthly Status Report	1963
20160009405	Development of a 1,500,000-LB-Thrust /Nominal Vacuum/ Liquid Hydrogen/liquid Oxygen Engine	1963
20160009406	Development of a 1,500,000-lb-Thrust (Nominal Vacuum) Liquid Hydrogen / Liquid Oxygen Engine	1963
20160009426	Surveyor Project Status Report	1963
20160009427	Surveyor Project Status Report	1963
20160009428	Surveyor Project Status Report	1963
20160009429	Surveyor Project Status Report	1963
20160009444	NASA-GSFC Research Satellite for Geophysics: Operations Plan 5-63	1963
20160009446	Launch Operations Center	1963
20160009448	Gemini Spacecraft Study for MORL Ferry Missions, Volume 1	1963
20160009449	Study of Dynamic and Static Seals for Liquid Rocket Engines: Project Status Report	1963
20160009451	Study of Dynamic and Static Seals for Liquid Rocket Engines	1963
20160009452	A System for Re-Entry Tracking of the Apollo Spacecraft	1963
20160009453	Study of Dynamic and Static Seals for Liquid Rocket Engines-Phase 2	1963
20160009454	Study of Dynamic and Static Seals for Liquid Rocket Engines	1963

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160009455	Lunar Facsimile Capsule Program	1963
20160009456	Study of Dynamic and Static Seals for Liquid Rocket Engines	1963
20160009458	Study of Dynamic and Static Seals for Liquid Rocket Engines	1963
20160009459	Investigation of Nonequilibrium Flow Effects in High Expansion Nozzles	1963
20160009468	X-15 Quarterly Report	1963
20160009493	Development of Highly Reliable Slip Ring Capsule Assemblies	1963
20160009494	[Rare Gases and Minerals in Sun, Atmosphere, and Meteorites]	1963
20160009495	[Rare Gases and Minerals in Meteorites]	1963
20160009513	Study on Methods of Structurally Evaluating Expandable Structures Having Potential Space Applications	1963
20160009521	Research on the Deflagration of High-Energy Solid Oxidizers	1963
20160009522	Development of Refractory Materials for Rocket Nozzles and Vanes	1963
20160009523	Research on the Deflagration of High-Energy Solid Oxidizers	1963
20160012424	Saturn V - Apollo Lunar Orbital Rendezvous Mode: Summary Planning Guide	1963
20160012427	Apollo Launch Vehicles and Propulsion	1963
20160014778	Gemini Launch Vehicle Familiarization Manual	1963
20170000901	Nuclear Auxiliary Power Systems for Space Application	1963
20170000916	NOVA Propulsion Performance Study: NOVA Preliminary Design Study	1963
20170000923	Comparison of Multicell Single Unit Tanks Versus NOVA Configurations	1963
19630030620	POLARIS POWER-PLANT DEVELOPMENT	1964
19630033517	EVALUATION OF POLARIS A3 LEADING CANDIDATE PROPELLANTS FOR THEIR EXPLOSIVE BEHAVIOR	1964
19630035213	Experimental Investigation of Missile Stage Separation with an Operating Second-Stage Jet and a Supersonic External Stream	1964
19640002779	Numerical predictions of nonlinear diffusion with homogeneous recombination and time- varying boundary conditions	1964
19640002780	Return trajectories from the moon- some limits due to restrictions on entry range and landing lighting conditions	1964
19640002781	On the direct solution of the governing equation for radiation-resisted shock waves	1964
19640002785	A phenomenological model of thermophototropism	1964
19640002786	Pulse-frequency-modulation telemetry	1964
19640002803	Flight investigation of a solar orientation control system for spacecraft	1964
19640002804	Launch environment profiles for sounding rockets and spacecraft	1964
19640002805	Earth orbital satellite lifetime	1964
19640002806	A fixed-base visual-simulator study of pilot control of orbital docking of attitude- stabilized vehicles	1964
19640002807	Approximate calculation of hypersonic conical flow parameters for air in thermodynamic equilibrium	1964
19640002808	Evaluation of a constricted-arc supersonic jet	1964
19640002809	Secondary errors and off-design conditions in optimal estimation of space vehicle trajectories	1964
19640002964	Energy absorber for ariel i instrument booms	1964
19640002965	A method for simulating zero gravity erection of satellite appendages	1964
19640002966	A lightweight folding boom for accurately placing scientific experiments up to 25 feet from large spacecraft	1964
19640002967	Touchdown dynamics analysis of spacecraft for soft lunar landing	1964
19640002969	An analysis of errors in the geographic referencing of nimbus cloud pictures	1964
19640003043	Ultrasonic welding of a beryllium window assembly	1964
19640003044	Analysis of dissimilar satellite appendages during erection	1964
19640003045	Description of an analog computer approach to v/stol simulation employing a variable-stability helicopter	1964
19640003046	Static longitudinal characteristics of the project fire reentry stage after reentry-package separation at mach 28.3 in helium	1964
19640003047	Electricity in the terrestrial atmosphere above the exchange layer	1964
19640003048	Comparison of flight pressure measurements with wind-tunnel data and theory for the forward fuselage of the x-15 airplane at mach numbers from 0.8 to 6.0	1964
19640003140	A practical method for determining the directivity of h. f. and v. h. f. antenna systems	1964
19640003141	Performance analysis of high-energy chemical stages for interplanetary missions	1964
19640003244	Radar investigation of meteors at high rates of detection	1964
19640003419	Fuel Cells-1963	1964
19640003493	Electron Exchange Correction to the Phonon Dispersion Relation in Metals	1964
19640004151	Collision induced dissociation rates in thermal plasmas	1964
19640004237	Radiative Energy Transfer to the Outer Base Region of a Semi-Infinite Cylindrical Gas Body	1964
19640004244	Ion beam neutral component determinations by resonance radiation absorption	1964
19640004345	Application of the Method of Characteristics Including Reaction Kinetics to Nozzle Flow	1964
19640004371	Detection techniques for tenuous planetary atmospheres first semiannual report, 1 jun. 1963-1 jan. 1964	1964
19640004477	Estimation of tolerance limits for meteoroid hazard to space vehicles 100-500 kilometers above the surface of the earth	1964
19640004478	An aerodynamic analysis of saturn 1 block 1 flight test vehicles	1964
19640004479	Study of the use of terminal control techniques for guidance during direct and skip entries for a capsule-type vehicle at parabolic velocity	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640004480	A study of factors affecting the accuracy of position fix for lunar trajectories	1964
19640004633	The Measurement of Temperature Profiles Through Solid Propellant Flames Using Fine Thermocouples	1964
19640004634	Ignition of an Evaporating Fuel in a Hot, Stagnant Gas Containing an Oxidizer	1964
19640004927	On Observations of Lunar Magnetic Storms	1964
19640004933	Analysis of moveable louvers for temperature control	1964
19640004937	Method of characteristic constants and retro-thrust optimality in a gravitational field - necessary and sufficient conditions	1964
19640004939	Acceleration of burning rate of composite propellants by sound waves	1964
19640004940	Alumina Size Distributions from High-Pressure Composite Solid-Propellant Combustion	1964
19640004941	The structural integrity of an ablating rocket subjected to axial acceleration	1964
19640004942	A study of the ignition of solid propellants in a small rocket motor	1964
19640004952	Nasa progress in life sciences	1964
19640004989	Fuel cell research- an investigation of non-steady-state operation semiannual status report no. 1, jun. - dec. 1963	1964
19640004991	The analysis of ionospheric h' /f/ records using the method of least squares	1964
19640005023	Techniques for superheterodyne receivers about 100 gigacycles	1964
19640005025	A steady-state analysis of the "laminar-instability" problem due to heating para-hydrogen in long, slender tubes	1964
19640005026	The use of a two-degrees-of-freedom gyroscope as a satellite yaw sensor	1964
19640005027	Fluid oscillations in the containers of a space vehicle and their influence upon stability	1964
19640005067	Characteristics of a lunar landing configuration having various multiple-leg landing-gear arrangements	1964
19640005068	The design of sailplanes for optimum thermal soaring performance	1964
19640005069	Three and four coil systems for homogenous magnetic fields	1964
19640005070	The world magnetic survey	1964
19640005071	Evaluation of shock-tube heat-transfer experiments to measure thermal conductivity of argon from 700 deg to 8600 deg k	1964
19640005072	Effect of interchanging propellants on rocket combustor performance with coaxial injection	1964
19640005073	Frequencies and modes of vibration of buckled circular plates	1964
19640005084	High-Latitude Geophysical Studies with Satellite Injun 3: 5. Very-Low-Frequency Electromagnetic Radiation	1964
19640005134	Radiation from slotted-cylinder antennas in a re-entry plasma environment	1964
19640005246	Cavitation and effective liquid tension of nitrogen in a tunnel venturi	1964
19640005247	Correlation of a turbulent air-bromine coaxial-flow experiment	1964
19640005283	Effect of seeding and ion slip on electron heating in a magnetohydrodynamic generator	1964
19640005304	An analytical study of the magnetic field encountered by artificial earth satellites in circular orbits	1964
19640005305	Effect of ambient air velocity on atomization of two impinging water jets	1964
19640005306	Environmental test program for ariel i	1964
19640005307	Chemical relaxation behind strong shock waves in carbon dioxide including interdependent dissociation and ionization process	1964
19640005308	Performance characteristics of a preformed elliptical parachute at altitudes between 200,000 and 100,000 feet obtained by in-flight photography	1964
19640005309	A brief study of closed-circuit television for aircraft landing	1964
19640005326	Lubrication of bearings with liquid metals	1964
19640005359	Contributions of the x-15 program to lifting entry technology	1964
19640005415	Direct reaction calculation	1964
19640005416	Analytical study of aircraft-developed spins and determination of moments required for satisfactory spin recovery	1964
19640005438	A signal conditioner and electrode technique for nystagmus measurements	1964
19640005474	Optical constants of metals in the vacuum ultraviolet region	1964
19640005490	Longitudinal aerodynamic characteristics of blunted cones at mach numbers of 3.5, 4.2 and 6.0	1964
19640005492	Some effects of flight path and atmospheric variations on the boom propagated from a supersonic aircraft	1964
19640005620	Hydrogen-oxygen electrolytic regenerative fuel cells	1964
19640005623	Theoretical analysis of the static general instability of an orthotropic circular cylinder subjected to an axial load, end moment and uniform radial pressure	1964
19640005628	Green's functions for the parallel-wall waveguide	1964
19640005632	Statistical analysis of astronomical unit estimates	1964
19640005634	The restricted problem of three bodies tehcnical report no. 1	1964
19640005636	Study of the Normal Fecal Bacterial Flora of Man. Quarterly Progress Report, 1 Oct.-31 Dec. 1963	1964
19640005865	Thermal and thermoelectric properties of ferromagnetic metals	1964
19640005870	Asymptotic expansions of navier-stokes solutions in three dimensions for large distances	1964
19640005872	Excitation of higher order modes by a step discontinuity of a circular waveguide	1964
19640005873	Dynamic analysis of structural systems by component mode synthesis	1964
19640005875	Transient techniques for determining the thermal conductivity of homogeneous polymeric materials at elevated temperatures	1964
19640005878	Space program summary no. 37-25, volume iii for the period 1 nov.-31 dec. 1963. the deep space instrumentation facility	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640005879	Space programs summary no. 37-25, volume vi for the period 1 nov.-31 dec. 1963. space exploration programs and space sciences	1964
19640005959	Study of basic bio-electrochemistry quarterly engineering progress report, 20 sep. - 19 dec. 1963	1964
19640005977	Investigation of sputtering effects on the moon's surface third quarterly status report, 25 oct. 1963 - 24 jan. 1964	1964
19640005989	Program of research on the management of research and development first semi-annual status report	1964
19640005992	Some theoretical bases for selection of molecular ion propellants and a survey of molecular plasma collision processes	1964
19640005993	The drift of a 24-hour equatorial satellite due to an earth gravity field through 4th order	1964
19640005994	Development of a brushless dc motor for satellite application	1964
19640005995	Two-dimensional gray-gas radiant heat transfer in a coaxial-flow gaseous reactor	1964
19640005996	Experimental evaluation of steady-state control properties of an electron-bombardment ion thruster	1964
19640006007	Vibration isolation of satellite tape recorders	1964
19640006049	Improved techniques for interconnecting solar cells study report	1964
19640006051	Improvement of nickel-cadmium batteries monthly technical progress report no. 34, 20 jan. 1964-20 feb. 1964	1964
19640006053	Evaluation of regenerative fuel cell progress report for november 1962	1964
19640006055	Initial concept of lunar exploration systems for apollo. volume v - summary digest	1964
19640006056	An analysis of tiros ii radiation data recorded over new zealand at night	1964
19640006057	Departures from local thermodynamic equilibrium in an ao star atmosphere	1964
19640006058	Field wind weighting and impact prediction for unguided rockets	1964
19640006059	Heat transfer to a delta-wing-half-cone combination at mach numbers of 7 and 10	1964
19640006100	The effects of radiation on nickel-cadmium battery electrodes. final report, 1 jun.- 31 dec. 1963	1964
19640006114	Planetary physics ii- laboratory studies of the chemiluminescence from the atomic oxygen- nitric oxide reaction under upper atmospheric conditions	1964
19640006115	Satellite situation report, vol. 4, no. 3	1964
19640006116	Satellite situation report, volume 4, no. 2	1964
19640006119	Solids mass spectrometer first quarterly technical progress report, 4 nov. 1963 - 3 feb. 1964	1964
19640006120	Lubrication analysis in turbulent regime second quarterly report	1964
19640006190	Evaluation program for nickel cadmium sealed cells- general performance test of general electric company 3.0 ampere hour cells	1964
19640006191	Evaluation program for nickel cadmium sealed cells- general performance test of gould- national batteries, inc. 3.5 ampere hour "d" cells	1964
19640006192	Heat transfer to a gas containing a cloud of particles semiannual status report no. 3, 1 jun. - 30 nov. 1963	1964
19640006193	A 22-gc balanced canonically tuned varactor quadrupler with 50-mw output power	1964
19640006194	A Method for the Numerical Integration of Coupled First Order Differential Equations with Greatly Different Time Constants	1964
19640006195	Research on Detection of Extraterrestrial Life by Ultraviolet Spectrophotometry Final Report	1964
19640006196	Waveguide with arbitrary cross-section considered by conformal mapping	1964
19640006202	Investigation of the calorimetric efficiency of a split-rib umbrell-type paraboloidal solar concentrator	1964
19640006203	Synchrotron radiation calculations for the artificial radiation belt	1964
19640006204	Impact flash at low ambient pressures	1964
19640006205	The total enthalpy of a one-dimensional nozzle flow with various gases	1964
19640006206	Analytical evaluation of possible noncryogenic propellants for electrothermal thrusters	1964
19640006357	Rigidized inflatable solar energy concentrators first quarterly progress report, 30 sep. 1963 - 31 dec. 1963	1964
19640006361	Research and development of an open-cycle fuel cell system sixth quarterly report, 1 oct. - 31 dec. 1963	1964
19640006806	Satellite orbital data no. e-3 research in space science	1964
19640006807	Satellite orbital data research in space science	1964
19640006808	Inhomogeneous distribution of-the radioactive heat sources. i theory research in space science	1964
19640006809	On the luminous efficiency of meteors research in space science	1964
19640006810	On the visual tracking of two bright satellites from c-130-type aircraft research in space science	1964
19640006812	Experimental investigation of electric drag on satellites	1964
19640006823	Theoretical and experimental studies in astrophysics semi annual status report no. 2, aug. 1, 1963 - jan. 31, 1964	1964
19640006825	A Study of Thin Film Vacuum Deposited Junctions <First Annual Status Report <5 Dec. 1962 - 5 Dec. 1963<	1964
19640006827	Stable white coatings interim report, 15 jul. - 30 nov. 1963	1964
19640006828	State determination for a flexible vehicle without a mode shape requirement. rocket booster control. section 12	1964
19640006831	Life in extraterrestrial environments quarterly status report, 15 nov. 1963 - 15 feb. 1964	1964
19640006832	Laboratory simulation studies of outer space phenomena third quarterly status report, oct. 16, 1963 - jan. 15, 1964	1964
19640006833	Development and testing of electrolyte matrix combinations for mercury-potassium fuel cell final report	1964
19640006834	Optimum digital adaptive altitude control system for space vehicles final report	1964
19640006835	The application of lambert's theorem to the solution of interplanetary transfer problems	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640006837	Brayton cycle solar collection design study program, item ii. a. monthly progress report no. 6, jan. 1, 1964 - jan. 31, 1964	1964
19640006839	Moist- macro output input system for the ibm 7090	1964
19640006840	Rocket booster control. section 13- an application of the quadratic penalty function criterion to the determination of a linear control for a flexible vehicle	1964
19640006843	Investigation of Light Scattering in Highly Reflecting Pigmented Coatings. Quarterly Report, 1 Oct. 1963 - 1 Jan. 1964	1964
19640006844	The physical ephemeris of mars	1964
19640006845	Rocket booster control. section 16- a minimax control for a plant subjected to a known load disturbance	1964
19640006848	The development of high energy density primary batteries, 200 watt hours per pound of total battery weight minimum second quarterly report, 1 nov. 1963 - 31 jan. 1964	1964
19640006851	Sources of areographic coordinates, 1877-1907	1964
19640006854	Construction of newcomb operators on a digital computer	1964
19640007001	Analysis of mixing of coaxial stream of dissimilar fluid including energy-generation terms	1964
19640007002	Evaluation of a gravity-simulation technique for studies of man's self-locomotion in lunar environment	1964
19640007015	Wall temperatures in a tube with forged convection, internal radiation exchange, and axial wall heat conduction	1964
19640007016	Some experimental results for a doppler tracking method using a simple cw beacon	1964
19640007239	The design of micrometeoroid penetration experiment as single-sampling life-test sampling plans	1964
19640007240	On the equilibrium sonic flow method for evaluating electric-arc air-heater performance	1964
19640007241	Triaxial balancing techniques / a study of spacecraft balance with respect to multiple axes/	1964
19640007242	Spontaneous reignition of previously extinguished solid propellants	1964
19640007243	Measured transfer functions of pilots during two-axis tasks with motion	1964
19640007244	Induced pressures and shock shapes on blunt cones in hypersonic flow	1964
19640007245	Supersonic longitudinal stability characteristics of the two final stages of a four-stage launch vehicle	1964
19640007246	Ideal-gas tables for oblique-shock flow parameters in air at mach numbers from 1.05 to 12.0	1964
19640007247	Elastic stress distribution in finite-width orthotropic plate containing a crack	1964
19640007249	Thermal and thermionic characteristics of a large-scale experimental thermionic converter	1964
19640007289	Post-amplifier noise temperature contribution in a low-noise receiving system	1964
19640007309	Users' description of jpl ephemeris tapes	1964
19640007311	On general least squares estimation of solar system constants	1964
19640007312	Determination of tracking station locations by doppler and range measurements to an earth satellite	1964
19640007348	Contract number index to reports announced in star. cumulative index to items in tpa volume 2 and star volume 1, 1962 - 1963	1964
19640007380	One-dimensional heat-transfer analysis of thermal-energy storage for solar direct-energy-conversion systems	1964
19640007381	A monte carlo calculation of the nuclear collision density of primary galactic protons in a slab of aluminum	1964
19640007382	Proposed mechanism for thermophototropic behavior in perovskite-structured titanates	1964
19640007438	Propagation and dispersion of hydromagnetic and ion cyclotron waves in plasmas immersed in magnetic fields second semiannual status report, jul. 15, 1963 - jan. 14, 1964	1964
19640007579	Experimental investigations on solid spoilers and jet spoilers at mach numbers of 0.6 to 2.8	1964
19640007580	Degradation of homogenous polymeric materials exposed to high heat fluxes	1964
19640007620	Theory of Ignition and Ignition Propagation of Solid Propellants in a Flow Environment	1964
19640007645	A Low-Noise Transistorized Seismic Amplifier	1964
19640007648	Determination of oxygen in potassium	1964
19640007651	Mechanism of lubrication for solid carbon materials in vacuum to 10 to minus 9 millimeter of mercury	1964
19640007661	Hypersonic ballistic range results of two planetary entry configurations in air and carbon dioxide/nitrogen mixtures	1964
19640007664	A fortran computer program for determining the earth's magnetic field	1964
19640007665	An experimental study of charged particles in the outer radiation zone	1964
19640007667	Adaptive control for nuclear reactor start-up and regulation first semi-annual status report, july 1 - dec. 31, 1963	1964
19640007668	Theoretical and experimental studies of the underlying processes and techniques of low pressure measurement final report	1964
19640007669	The moving griffith crack of unvarying shape	1964
19640007672	Study of biochemical fuel cells third quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640007673	Semiconducting oxide glasses	1964
19640007678	Research at the stanford center for radar astronomy semi-annual status report no. 2, 1 jul. - 31 dec. 1963	1964
19640007679	A study of the meteorology of mars and venus quarterly progress report no. 4, 6 oct. 1963 - 5 feb. 1964	1964
19640007680	Application of conformal mapping to radiation and diffraction of electromagnetic waves application of conformal mapping to radiation and diffraction of electromagnetic waves	1964
19640007685	An apparatus for measuring the reflection, transmission, and photoelectron yields of thin metallic films in the extreme vacuum ultraviolet	1964
19640007687	American institute of biological sciences interdisciplinary conference program	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640007689	Brushless rotating electrical generators for space auxiliary power systems second quarterly report <26 oct.-26 jan. 1964< brushless rotating electrical generators for space auxiliary power systems second quarterly report <26 oct.-26 jan. 1964<	1964
19640007697	Satellite situation report, vol. 4, no. 4	1964
19640007756	Monte carlo application for developing a design reliability goal compatible with small sample requirements	1964
19640007757	Planetary physics iii photoionization cross section of the rare gases	1964
19640007760	Measurements of liquid natural frequencies and damping in compartmented cylindrical tanks technical report no. 8	1964
19640007771	Distribution of unbound charged particles in the static magnetic field of a dipole	1964
19640007775	Planetary physics i- the photoionization of atomic oxygen	1964
19640007782	Synchronous meteorological satellite /sms/ study. volume 2 configurations and systems <final report, feb. - may 1963<	1964
19640007795	Origin of oh chemiluminescence during the induction period of the hydrogen peroxide reaction behind shock waves	1964
19640007807	Initial concept of lunar exploration systems for apollo. volume 1- summary <final report<	1964
19640007808	On b. g. galerkin's method for the solution of boundary value problems <o metode b. g. galerkina dlya resheniya krayevykh zadach<	1964
19640007809	Effectiveness of radiation shields for thermal control of vehicles on the sunlit side of the moon	1964
19640007810	The backward recurrence method for computing the regular bessel function	1964
19640007811	Wind-tunnel flutter studies of the sweptback t-tail of a large multijet cargo airplane at mach numbers to 0.90	1964
19640007813	Coding an analog variable for constant percentage error	1964
19640007814	Effects of cesium vapor on bayard-alpert ionization gages at pressures less than 10 super minus 5 torr	1964
19640007815	Low-speed free-flight stability and drag characteristics of radially vented parachutes	1964
19640007820	On the pitching and yawing motion of a spinning symmetric missile governed by an arbitrary nonlinear restoring moment	1964
19640007831	Thermal radiation to a flat surface rotating about an arbitrary axis in an elliptical earth orbit- application to spinstabilized satellites	1964
19640007832	Free-flight investigation of mass-transfer cooling on a blunt cone to a mach number of 10.6	1964
19640007833	Longitudinal aerodynamic characteristics and surface pressure measurements for a 1/10-scale model of the ram b launch vehicles	1964
19640007834	Low speed characteristics of a 1/20-scale four-engine transport model with large bodies mounted above the fuselage	1964
19640007835	Theoretical studies of a radiation-balance	1964
19640007837	Formation of detonation waves in hydrogen- oxygen mixtures from 0.2 to 2 atmospheres initial pressure in a 54-meter long tube	1964
19640007838	Rolling element slip rings for vacuum application	1964
19640007839	Flight evaluation of wide-angle overlapping monoculars for providing pilot's field of vision	1964
19640007848	Stability of spherical plates	1964
19640007849	Minimum weight design of stiffened cylinders for launch vehicle applications	1964
19640007850	Weight and performance design indices for idealized spacecraft landing systems	1964
19640007851	Heat shield honeycomb panels summary report, 29 jan. 1963 - 29 jan. 1964	1964
19640007855	Rigidized inflatable solar energy concentrators third monthly progress report, 1-31 dec. 1963	1964
19640007856	Rigidized inflatable solar energy concentrators fourth monthly progress report, 1-31 jan. 1963	1964
19640007857	Measurement of radiative heat transfer with thin-film resistance thermometers	1964
19640007858	Bending tests of large-diameter stiffened cylinders susceptible to general instability	1964
19640007859	Midcourse guidance using radar tracking and on-board observation data	1964
19640007864	A note on importance functions for the shielding of manned space vehicles	1964
19640007879	Statistical Investigation of the Correlation Between Jupiter Activity and Solar Activity. Semi-Annual Status Report, Aug. 1, 1963-Jan. 31, 1964	1964
19640007881	Radiative equilibrium in planetary atmospheres- i. application of strong line absorption law to the atmosphere of venus	1964
19640007899	Effects of laminar-boundary-layer displacement on a hemisphere in helium flow	1964
19640007902	Research on Ionization Phenomena in Hypersonic Wind Tunnels. Final Report, 1 Apr. 1959-1 Mar. 1964	1964
19640007903	Shock Waves in Interplanetary Plasma	1964
19640007904	Chemistry of the Atmosphere of the Planet Venus, Technical Status Report No. 3, 1 Aug. 1963-31 Jan. 1964	1964
19640007905	Obtaining free-flight dynamic damping of an axially symmetric body /at angles-of-attack/ in a conventional wind tunnel	1964
19640007906	An experimental investigation of uncooled thrust chamber materials for use in storable liquid propellant rocket engines	1964
19640007907	Plastic stability of simply supported spherical plates under external pressure	1964
19640007908	Estimation of the collision induced dissociation rates of diatomic and triatomic molecules final report	1964
19640007909	Rigidized inflatable solar energy concentrators second quarterly progress report, nov. 1963-feb. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640007913	Measurement of heat transfer and recovery factor of a compressible turbulent boundary layer on a sharp cone with foreign gas injection	1964
19640007914	The edge of the polar plateau for galactic cosmic rays and their charged albedo	1964
19640007915	Shock layer radiation of blunt bodies at reentry velocities	1964
19640007917	The measurement of upper-air density and temperature by two radar-tracked falling spheres	1964
19640007924	The measurement of blood pressure in the human body	1964
19640008073	Atom density measurements by luminescence of solids	1964
19640008074	High-temperature, thin-film resistance thermometers for heat transfer measurement	1964
19640008075	Frequency response functions and coherence functions for multiple input linear systems	1964
19640008076	Probability functions for random responses- prediction of peaks, fatigue damage, and catastrophic failures	1964
19640008077	Effects of spanwise variation of leading-edge sweep on the lift, drag, and pitching moment of a wing-body combination at mach numbers 0.7 to 2.94	1964
19640008078	Instrumentation for far ultraviolet rocket spectrophotometry	1964
19640008079	A piloted simulator study of longitudinal handling qualities of supersonic transports in the landing maneuver	1964
19640008138	Space batteries	1964
19640008164	Low-thrust orbit raising in continuous sunlight	1964
19640008167	An observation of the /0,0/ negative band of nitrogen plus in the dayglow	1964
19640008184	Rf transparent, energy absorbing, structural elements, phase i final report	1964
19640008186	Description and installation of all/trol control system, allison model pd-48-a2	1964
19640008187	Synthesis of continuous analog data from discrete sample data via a pb250-trice link	1964
19640008188	Space programs summary no. 37-25, volume iv, for the period december 1, 1963 to january 31, 1964. supporting research and advanced development	1964
19640008190	Brayton cycle solar collector design study monthly progress report, 1-31 dec. 1963	1964
19640008192	Evaluation of maraging steel for application to space launch vehicles final report	1964
19640008206	Rocket booster control, section 1 - summary	1964
19640008218	Optical space communications system study. volume ii- system topics - part one final report	1964
19640008219	Optical space communication system study- volume iii- system topics - part two final report	1964
19640008220	Eighth monthly progress report, 1-31 jan. 1964 <computer program predicting hypersonic aircraft propulsion systems internal flows<	1964
19640008247	Study of capacitors for static inverters and converters second quarterly report, 16 nov. 1963-16 feb. 1964	1964
19640008248	Research and development of high-performance light-weight fuel cell electrodes 1st. quarterly report, nov. 1, 1963-jan. 31, 1964	1964
19640008255	Semi-annual status report, mar. 15 - sep. 15, 1963 <studies in magnetohydrodynamics to explain the structure of spiral galaxies<	1964
19640008259	Study of the application of electric propulsion to space missions quarterly progress report no. 3	1964
19640008261	A quantitative study of solutions through gas chromatography first semi-annual report, 1 sep. 1963-10 mar. 1964	1964
19640008299	Sunflower turboalternator csu 1-3 2348 hour test summary report	1964
19640008300	Effect of electron spin paramagnetism on the velocity of sound in metals	1964
19640008302	Electrical propulsion requirements for planetary and interplanetary spacecraft	1964
19640008303	Application of the method of averages to celestial mechanics	1964
19640008380	The specific heat, thermal conductivity, and viscosity of liquid cesium	1964
19640008383	Elastic and plastic stability of geometrically orthotropic spherical shells	1964
19640008384	Elastic stability of cylindrical shells under axial and lateral loads	1964
19640008390	Status report as of jan., 1964	1964
19640008408	Rare-earth, yttrium and scandium abundances in meteoritic and terrestrial matter - ii	1964
19640008436	Measured and calculated nuclear radiation distribution in liquid hydrogen	1964
19640008502	Energy spectra and angular distributions of electrons transmitted through sapphire /aluminum oxide/ foils	1964
19640008503	Liquid hydrogen recovery system study final report	1964
19640008508	Optical systems study monthly progress report no. 10, 20 feb. - 20 mar. 1964	1964
19640008509	Priciples of general covariance and the role of coordinates in general relativity semi- annual report, 1 jan. - jul. 1963	1964
19640008511	A microelectronic analog-to-digital converter and sync generator	1964
19640008512	Spin properties of pair-correlated atomic and molecular singlet wavefunctions	1964
19640008514	The space distribution of trapped fission debris from the high altitude nuclear test of july 9, 1962	1964
19640008515	On the evaluation of optimal and non-optimal control strategies	1964
19640008516	Theory of a class of discrete optimal control systems	1964
19640008519	Cosmic ray equilibrium	1964
19640008520	Calculation of lunar surface area	1964
19640008523	The local time dependence of the non-stormer cut-off for 1.5 mev protons in the quiet geomagnetic field	1964
19640008524	Development of electronically-tunable converters in the millimeter-wave range bimonthly report no. 4, 16 jan. - 16 mar. 1964	1964
19640008525	Evaluation of the lunar photometric function final report	1964
19640008527	Development of high energy pensity primary batteries, 200 watt hours per pound of total battery weight minimum third quarterly report /9th reporting period/, 20 nov. 1963 - 16 feb. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640008528	Optical space communication system study. final system study final report	1964
19640008532	Infrared absorption of the nu sub3 fundamental of liquid and solid methane and heavy methane	1964
19640008533	Some applications of stochastic differential equations to optimal nonlinear filtering	1964
19640008535	The occurrence of chain transfer in the anionic polymerization of 9-vinylanthracene	1964
19640008538	A set of algorithms for a diagnosable arithmetic unit	1964
19640008540	An analysis of the spectrum of mars	1964
19640008541	The mathematical analysis of lattice boundary value problems applied to molecular collisions with surfaces	1964
19640008542	Electromagnetic attitude control system study	1964
19640008543	Addendum report on electromagnetic attitude control system study	1964
19640008562	Digital adaptive control system research quarterly progress report no. 4, 1 nov. 1963 - 31 jan. 1964	1964
19640008566	The magnetospheric cut-off for 1.5 mev extra-terrestrial protons	1964
19640008589	The retrometer- a light beam communications system	1964
19640008812	Exploratory studies of mechanical cycling fatigue behavior of materials for the supersonic transport	1964
19640008818	High-speed photographic investigation of the formation of detonation waves in a stoichiometric hydrogen-oxygen mixture	1964
19640008819	Wind tunnel investigation of turbulent boundary layer noise as related to design criteria for high performance vehicles	1964
19640008820	The adaptive dynamic response characteristics of the human operator in simple manual control	1964
19640008821	Similar solutions of the boundary layer equations for purely viscous non-newtonian fluids	1964
19640008822	Hall effect devices as magnetometers in cryogenic applications	1964
19640008823	Frequency ranges for existence of waves in a cold, collisionless hydrogen plasma	1964
19640009037	A study of pilot acceptance factors in the development of all-weather landing systems	1964
19640009038	Proton damage in semiconductor devices final report, 16 apr. - 1 nov. 1962	1964
19640009042	Effects of magnetically induced eddy-current torques on spin motions of an earth satellite	1964
19640009045	Review of some recent research on noise and structural vibration	1964
19640009101	Measurement of the Heartbeat of Bird Embryos with a Micrometeorite Transducer Technology Utilization Report	1964
19640009254	On the application of pfaff's method in the theory of variation of astronomical constants	1964
19640009258	Planetary physics v- an expansion method for calculating atomic properties 2. transition probabilities	1964
19640009259	Planetary physics vi- reactions of i sub d oxygen atoms in the photolysis of carbon dioxide	1964
19640009260	Research on Processes for Utilization of Lunar Resources	1964
19640009261	The synthesis of boron carbide filaments second quarterly report	1964
19640009308	Potassium Corrosion Test Loop Development	1964
19640009309	Study Program to Improve Fuel Cell Performance by Pulsing Techniques	1964
19640009310	Low viscosity bearing stability investigation final report, 10 oct. 1961-31 dec. 1963	1964
19640009339	M-1-L Re-Entry Vehicle (Wind Tunnel Model, Full-Scale) Design, Fabrication, and Testing	1964
19640009343	Some statistical aspects of fatigue failure through crack propagation	1964
19640009358	1965 NASA Authorization Hearings Before the Committee on Science and Astronautics, U.S. House of Representatives, February 4-7, 1964	1964
19640009359	1965 NASA Authorization Hearings Before the Subcommittee on Manned Space Flight of the Committee on Science and Astronautics, U.S. House of Representatives, Feb 18-20, 25-26 Mar. 3-10, 1964	1964
19640009360	1965 NASA Authorization Hearings Before the Subcommittee on Space Sciences and Applications of the Committee on Science and Astronautics, U.S. House of Representatives, February 17-21, 25-28 - March 2-3, 1964	1964
19640009361	1965 NASA Authorization Hearings Before the Subcommittee on Advanced Research and Technology of the Committee on Science and Astronautics, U.S. House of Representatives February 18-27 - March 2-5, 1964	1964
19640009394	9.5-foot diameter master and mirror final report	1964
19640009396	Catalog of precisely reduced observations, no. p-12	1964
19640009399	A technique for testing heart function by analysis of its vibration spectrum	1964
19640009400	Plasmas in space. unstable longitudinal plasma oscillations technical note	1964
19640009408	A study of the stability and location of the center of pressure on sharp, right circular cones at hypersonic speeds	1964
19640009435	Carrier lifetime studies in electron-/10-55 mev/ and proton-/25-110 mev/ irradiated germanium	1964
19640009436	Catalog of precisely reduced observations	1964
19640009438	<interdisciplinary studies of the effects of high energy protons on biologic systems< semi-annual status report, 15 jul. 1963 - 15 jan. 1964	1964
19640009439	A mathematical study of image analysis final report	1964
19640009440	The rotation and mass of ngc 1792	1964
19640009451	Progress on the Launch-Vehicle Buffeting Problem	1964
19640009457	A Lightweight Insulation System for Liquid Hydrogen Tanks of Boost Vehicles	1964
19640009458	The resistance of a variety of composite space structures to hypervelocity impact	1964
19640009563	Status of electrostatic thrusters for space propulsion	1964
19640009564	Static stability characteristics of blunt low- fineness-ratio bodies of revolution at a mach number of 24.5 in helium	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640009565	Nuclear rocket engine nozzle study final report	1964
19640009569	Evaluation of filament deterioration in electron-bombardment ion sources	1964
19640009653	The scientific objectives of deep space investigations- jupiter	1964
19640009654	The scientific objectives of deep space investigations- the satellites of jupiter	1964
19640009655	The scientific objectives of deep space investigations- comets	1964
19640009656	The scientific objectives of deep space investigations- the asteroids	1964
19640009657	The scientific objectives of deep space investigations- interplanetary space beyond 1 au	1964
19640009658	Summary of one way ballistic trajectory data- earth to solar system targets	1964
19640009659	Characterization of nickel-cadmium electrodes second quarterly report, 1 oct. 1963-1 jan. 1964	1964
19640009663	Study of marbac extraterrestrial life detection concept fifth monthly letter report, 1 mar.- 31 mar. 1964	1964
19640009673	Improper solutions under existence assumptions- an example	1964
19640009680	Space programs summary no. 37-26, volume iii, for the period january 1, 1963 to february 29, 1964 the deep space instrumentation facility	1964
19640009681	Space programs summary no. 37-26, volume vi for the period january 1, 1964 to february 29, 1964. space exploration programs and space sciences	1964
19640009683	The impact of nasa's activities on education	1964
19640009688	Abundances of sodium, scandium, chromium, manganese, iron, cobalt and copper in 18 meteorites and 146 individual chondrules quarterly progress report, 1 dec. 1963-29 feb. 1964	1964
19640009689	Accuracy and capabilities of the asc/iitri conic section trajectory system	1964
19640009692	Theoretical research - electronic, ionic and atomic impact phenomena final summary report no. 7, <15 apr. 1962 - 15 jan. 1964<	1964
19640009697	Alkaline battery separator study seventh quarterly report, 29 dec. 1963 - 28 mar. 1964	1964
19640009698	Research and development of an open-cycle fuel cell system seventh quarterly report, 1 jan.-31 mar. 1964	1964
19640009701	Large diurnal variations of geomagnetically trapped and of precipitated electrons observed at low altitudes	1964
19640009703	Development of instrumentation to search for neutrons and gamma rays from solar surface nuclear reactions quarterly status report, 15 jan-15 apr. 1964	1964
19640009705	Investigation of structural properties of fiber glass filament-wound pressure vessels at cryogenic temperatures quarterly progress report no. 3, 1 jan.-31 mar. 1964	1964
19640009706	Motions in borred spirals, vi. the rotation and velocity field of ngc 613	1964
19640009707	Evaluation program for nickel-cadmium sealed cells	1964
19640009708	Research in an application of modern automatic control theory to nuclear rocket dynamics and control semi-annual status report no. 1, jul. 1 -sep. 1, 1963	1964
19640009793	On the use of a magnetometer to determine the angular motion of a spinning body in regular precession	1964
19640009811	Experimental flutter results for corrugation- stiffened panels at a mach number of 3	1964
19640009812	Design and overall performance of an axial- flow-pump rotor with a blade tip diffusion factor of 0.43	1964
19640009863	Satellite situation report, volume 4, no. 7	1964
19640009874	On the possibility of simulating meteoroid impact by the use of lasers topical report	1964
19640009875	Damping of quantized longitudinal plasma oscillations	1964
19640009876	Interpretation of results from surveyor alpha-scattering experiment	1964
19640009878	Brayton cycle cavity receiver development quarterly report jan.-mar. 1964	1964
19640009879	Program manual for operational minimum variance tracking and orbit prediction program	1964
19640009880	Hartley band extinction coefficients of ozone in the gas phase and in liquid nitrogen, carbon monoxide, and argon	1964
19640009881	Analysis of an incremental digital positioning servosystem with digital rate feedback	1964
19640009909	Chemical reactivity of hydrogen, nitrogen and oxygen atoms at temperatures below 100 deg. k second semiannual technical report	1964
19640009964	Design, tests, and analysis of a hot structure for lifting reentry vehicles	1964
19640009968	Mechanical properties of fibrous composites	1964
19640009969	General theory of shells and its applications in engineering	1964
19640009975	A selected listing of nasa scientific and technical reports for 1963	1964
19640009976	Propulsion improvements achieved during flight testing of saturn vehicles	1964
19640009983	Constants and related data for use in trajectory calculations as adopted by the ad hoc nasa standard constants committee	1964
19640009984	Correlation of launch-vehicle wind-tunnel aerodynamic noise with spacecraft flight vibration data	1964
19640009988	Applied research on electro-magneto-strictive vibragyro final report, jan. 8, 1963-mar. 7, 1964	1964
19640010011	Evaluation program for nickel cadmium sealed cells. general performance test of general electric company 12.0 ampere hour cells	1964
19640010027	A theoretical study of nonlinear combustion instability- longitudinal mode	1964
19640010028	The propagation of electromagnetic waves in a statistically inhomogenous medium. 1- a critique of the current theory	1964
19640010029	Materials for Potassium Lubricated Journal Bearings	1964
19640010031	On the galactic and extragalactic propagation of cosmic rays physics department technical report no. 373	1964
19640010041	Functional extension of the human hands progress report, 1 apr. 1963-30 sep. 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640010043	Theoretical and laboratory experimental research in chemical releases at high altitudes semi-annual status report no. 3, 1 sep. 1963-29 feb. 1964	1964
19640010044	Receiver techniques and detectors for use at millimeter and submillimeter wave lengths semi-annual report, 1 sep. 1963-29 feb. 1964	1964
19640010045	Degradation of the polyacenaphthylene-sodium complex	1964
19640010067	Integrated micropower circuits final report supplement	1964
19640010068	A discussion of "random fatigue failure of a multiple load path redundant structure"	1964
19640010070	Geometric and photometric parameters of the terrestrial planets	1964
19640010072	A generalized perturbation expansion for the klein-gordon equation with a small nonlinearity	1964
19640010073	A 16 foot diameter millimeter wavelength antenna system, its characteristics and its application technical report no. 1	1964
19640010076	Optical space communications system studt. volume i- summary, conclusions, recommendations final report	1964
19640010077	The admittance of aperture antennas radiating into lossy media	1964
19640010078	Additional rocket-borne mass spectrometer measurements of the dissociation of oxygen scientific report	1964
19640010079	Hot-pressing mixed carbides of tantalum, hafnium, and zirconium	1964
19640010080	Some implications of a direct measurement of the hydrogen and helium ion distribution in the upper atmosphere	1964
19640010083	Tables of flow properties of thermally perfect carbon dioxide and nitrogen mixtures	1964
19640010085	Brayton cycle solar collector design study program, item ii, a monthly progress report no. 5, 1 dec. 1963-31 dec. 1963	1964
19640010086	Photography of the western sahara from the mercury na-4 satellite	1964
19640010087	Integrated approach to metal fatigue interim report no. 2, 15 oct. 1963-15 jan. 1964	1964
19640010089	Quantum theory studies of the energies of excited state atoms and molecules, particularly as they occur in the upper and stellar atmospheres and in materials undergoing combustion semi-annual status report no. 1, 1 oct. 1963 - 31 mar. 1964	1964
19640010090	The satellite determination of high-altitude water vapor	1964
19640010093	Magnetic properties of some macromolecules of biological interest quarterly progress report no. 2, 1 nov. 1963-1 feb. 1964	1964
19640010102	Experimental confirmation from the tiros vii meteorological satellite of the theoretically calculated radiance of the earth within the 15-micron band of carbon dioxide	1964
19640010104	Analysis of topside sounder records	1964
19640010105	Apparatus for stress-rupture testing of filaments in a controlled environment	1964
19640010274	Transistorized vhf transmitter design for spacecraft applications	1964
19640010275	Response of a jet trainer aircraft to roughness of three runways	1964
19640010276	Surface failure of alumina balls due to repeated stresses applied in rolling contact at temperatures to 2000 deg. f	1964
19640010277	Monte carlo computation of the statistics of the midcourse velocity corrections for a lunar mission	1964
19640010278	Friction and wear of nickel-aluminum alloys and some sulfur-modified steels in vacuum to 10 ⁻⁹ millimeter of mercury	1964
19640010279	Volume ion production in a tenuous helium plasma	1964
19640010286	Re-entry heat conduction of a finite slab with a nonconstant thermal conductivity	1964
19640010368	Dynamic-model investigation of a 1/20-scale gemini spacecraft in the langley spin tunnel	1964
19640010369	Analytical investigations of coil-system design parameters for a constant-velocity traveling magnetic wave plasma engine	1964
19640010370	A correlation of film-boiling heat-transfer coefficients obtained with hydrogen, nitrogen, and freon 113 in forced flow	1964
19640010371	Comparisons of some wing flutter characteristics obtained by modified strip analysis, subsonic kernel function, and experiment	1964
19640010558	Some optical techniques for temperature and concentration measurements of combustion in supersonic streams	1964
19640010634	Effects of concentration and of vibrational relaxation on the induction period of the h sub 2 - o sub 2 reaction	1964
19640010662	Radiation processes related to oxygen-hydrogen combustion at high pressures	1964
19640010663	Lubricants and mechanical components of lubrication systems for a space environment	1964
19640010664	Off-design performance of hypersonic supersonic combustion ramjets	1964
19640010665	Research and development of propellant feed systems for ion engines <nov. 1961-sep. 1962>	1964
19640010666	Earth radius/kilometer conversion factor for the lunar ephemeris	1964
19640010667	Directional wind component frequency envelopes, cape kennedy, florida, atlantic missile range	1964
19640010668	Rigidized inflatable solar energy concentrators second quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640010669	Porous ionizer development and testing final report	1964
19640010671	Development of improved single crystal gallium phosphide solar cells quarterly report no. 3, dec. 12, 1963 - apr. 12, 1964	1964
19640010672	Selection of optical sightings for position determination in interplanetary space	1964
19640010673	A relationship for plasma sheaths about langmuir probes technical report, no. 350	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640010675	Partial wave theory of diatomic molecules, ii	1964
19640010676	The spectrum and composition of high energy cosmic rays technical report no. 368	1964
19640010678	Directional wind component frequency envelopes, santa monica, california /pacific missile range/	1964
19640010679	1963 publications	1964
19640010680	Nonadiabatic theory of inelastic electron- hydrogen scattering	1964
19640010685	Third quarterly status report, august 1 - october 31, 1963	1964
19640010687	Characterization of certain polymeric materials final report	1964
19640010688	Reaction of electronically excited o sub 2 with co	1964
19640010689	An instrument for the measurement of interplanetary solar plasma	1964
19640010690	The application of temperature rate measurements to the determination of thermal emittance	1964
19640010691	Investigation of the behavior of dielectric materials at high field strengths in a high vacuum environment third quarterly progress report, oct. 1, 1963 - dec. 31, 1963	1964
19640010693	Analytical study of the work function characteristics of a metal immersed in cesium vapor - surface contribution	1964
19640010695	Polymer degradation. i. column elution fractionation and thermal degradation of polyoxypropylene glycol-toluene diisocyanate /ppg-tdi/ polymers	1964
19640010696	Tensile properties of pyrolytic tungsten from 1370 deg to 2980 deg in vacuum	1964
19640010715	Precision current limiters final report, jul. 1963 - feb. 29, 1964	1964
19640010718	Some low-modulus birefringent resins	1964
19640010725	A field ion microscope facility for solid state and surface studies	1964
19640010726	Geodesics on an equipotential surface of revolution	1964
19640010727	Long-period effects in nearly commensurable cases of the restricted three-body problem	1964
19640010728	Solids mass spectrometer quarterly technical progress report no. 2, 4 feb.-3 may 1964	1964
19640010729	Survey of a jovian mission report no. m-1	1964
19640010730	Subcooled boiling in a negligible gravity field status report no. 6	1964
19640010731	Investigations leading to the development of a primary zinc-silver oxide battery of improved performance characteristics summary report no. 2, 1 jan.-31 mar. 1964	1964
19640010733	Studies of molten-salt thermocells	1964
19640010751	Manned lunar scientific operations	1964
19640010757	Materials and methods for large-area solar cells midpoint report	1964
19640010765	Co sub 2 reduction unit designed for continuous zero gravity operation final technical report	1964
19640010770	Computer oriented research in the space related sciences annual status report, mar. 1963 - mar. 1964	1964
19640010772	Antenna pattern range test equipment final technical report	1964
19640010773	Aluminum alloy 2319 weld wire investigation	1964
19640010774	The synthesis of boron carbide filaments first quarterly report - rev.	1964
19640010775	The temperature above the thermopause	1964
19640010780	Ultrasonic attenuation in superconducting lead	1964
19640010789	Feasibility proof of dry tape battery concept final report, 14 jun. 1963-23 jan. 1964	1964
19640010790	Quarterly status report, 12 december 1963- 11 march 1964	1964
19640010791	Studies on the hill reaction activity of soluble chloroplast extracts quarterly progress report no. 4, 1 dec. 1963-29 feb. 1964	1964
19640010793	Simulation of gemini re-entry guidance technical report no. 1	1964
19640010794	Development of an electromagnetic induction flowmeter for cryogenic fluids final report	1964
19640010795	<interdisciplinary materials research< semi- annual progress report no. 6, 1 sep. 1963- 29 feb. 1964 19 p	1964
19640010807	Liquid surface oscillations in longitudinally excited rigid cylindrical containers technical report no. 2	1964
19640010810	Project hiam <a theoretical investigation of the properties of planetary atmospheres< progress report, 1 jul. - 31 dec. 1963	1964
19640010812	Radiation damage to semiconductors by high- energy electron and proton radiation progress report, 15 sep. 1963-15 mar. 1964	1964
19640010820	Polarization observations of jupiter at decimeter-wavelengths	1964
19640010822	Minimum vertical scale sizes in the wind structure above 100 kilometers	1964
19640010823	Correction to "internal atmospheric gravity waves at ionospheric heights"	1964
19640010825	Mariner "c" exit optics assembly and cooling system final report	1964
19640010827	Study of thin film large area photovoltaic solar energy converter second quarterly report, 1 jan.-31 mar. 1964	1964
19640010830	Space-cabin atmospheres. part ii - fire and blast hazards a literature review	1964
19640010899	Theoretical and experimental investigation on modulation inducing retrodirective optical systems monthly progress report no. 11, 21 mar. - 1 may 1964	1964
19640010902	Space programs summary no. 37-26, volume iv for the period february 1, 1964 to march 31, 1964. supporting research and advanced	1964
19640010904	Unified guidance analysis in design of space trajectories	1964
19640010911	Zirconium abundances in meteorites and implications to nucleosynthesis	1964
19640010975	Sunflower solar collector	1964
19640010984	Source of evolution of gas from the lunar crater alphonsus	1964
19640011035	Studies in the fields of space flight and guidance theory progress report no. 5, 18 jul. - 18 dec. 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640011140	Rocket booster control- penalty functions and bounded phase coordinate control	1964
19640011286	Ionospheric data for march, 1963 from salisbury, south australia	1964
19640011300	A Partially Annotated Bibliography of Reports in the Field of Secondary Injection Thrust Vector Control	1964
19640011337	Fatigue behavior of am-350 stainless steel and titanium-8-al-1-mo-iv sheet at room temperature temperature, 550 deg f and 800 deg f	1964
19640011338	Development of the dual membrane fuel cell and the osmotic still final report, 30 jun. 1962 - 15 dec. 1963	1964
19640011339	Rocket booster control. a sufficient condition in optimal control	1964
19640011340	Development of aluminum castings with high impact strength at low temperatures	1964
19640011351	Attitude determination for tiros satellites	1964
19640011355	Secular and non-secular behavior for the cold plasma equations	1964
19640011356	Thermophototropism in corticated alkaline earth titanates	1964
19640011360	Some Effects of Planform Modification on the Skin Friction Drag	1964
19640011361	Solar proton spectrums in the events of november 12 and 15, 1960	1964
19640011363	Anomalous behavior of the goulomb t matrix	1964
19640011389	Thermoluminescent kinetics of alpha-irradiated alkali halides	1964
19640011438	Full-scale gemini-agera docking using fixed- and moving base simulators	1964
19640011458	The dynamics of retrieval of tethered astronauts	1964
19640011505	Optimization study of high power static inverters and converters first quarterly report, 1 aug. 1963 - 31 oct. 1963	1964
19640011506	60-inch stretch-formed aluminum solar concentrator	1964
19640011507	Manual attitude control systems- parametric and comparative studies of operating modes of control	1964
19640011508	Coriolis effects in combined environment testing	1964
19640011509	Development of a range and range rate spacecraft tracking system	1964
19640011510	Interpolation and coordinate transformation program providing accurate local antenna pointing from predicted satellite positions	1964
19640011511	Determination of mean elements for vinti's satellite theory	1964
19640011512	Tables and an algorithm for calculating functional groups of organic molecules in high resolution mass spectrometry interim report	1964
19640011513	A small multi-purpose rocket payload for ionospheric studies	1964
19640011514	Visible radiation damage effects of 40-mev alpha particles on sodium chloride crystals	1964
19640011515	A study of guidance to reference trajectories for lifting reentry at supercircular velocity	1964
19640011516	Dynamic response of airplanes to atmospheric turbulence including flight data on input and response	1964
19640011551	Analysis of turbulent lubrication, volume 1- the static and dynamic properties of journal bearings in laminar and turbulent regimes final report	1964
19640011562	Solubility and diffusion studies of ultra pure transition elements in ultra pure alkal metals third quarterly report, dec. 29, 1963- mar. 28, 1964	1964
19640011624	Wash water reclamation for extended duration space voyages	1964
19640011632	Dynamic programming, invariant imbedding and quasilinearization- comparisons and interconnections	1964
19640011962	Aurorae and Airglow	1964
19640011963	Seasonal and annual variations in the intensity of the night airglow in abastumani	1964
19640011964	Variations in the populations of the vibrational levels of hydroxyl molecules	1964
19640011965	Latitudinal and planetary variations of the hydroxyl emission	1964
19640011966	Search for variations of the h sub alpha profile	1964
19640011967	Behavior of certain emissions in auroral rays	1964
19640011968	On the emissions of molecular oxygen observed in yakutsk	1964
19640011969	Rotational temperature of oh bands, based on observations made in ashkhabad rotational temperature of oh bands, based on observations made in ashkhabad	1964
19640011970	[Hydroxyl Emission and Atmospheric Band of Oxygen Molecule]	1964
19640011971	The emission /ni/ lambda 52200 angstrom based on observations made in yakutsk	1964
19640011972	The twilight emission oi lambda 8,446 angstrom	1964
19640011973	Observation of a twilight burst of helium emission lambda 10,830 angstrom with a fabry-perot standard	1964
19640011974	Certain features of the continuum in twilight	1964
19640012101	Research on a magneto-acoustic information storage system	1964
19640012102	Rocket booster control. control of plants whose representation contains derivatives of the control variable	1964
19640012103	Electrothermal engine propellant storage and feed system study, phase ii	1964
19640012105	Explorer viii satellite measurements in the upper ionosphere	1964
19640012106	The echo i inflation system	1964
19640012127	Synthesis of a simple shock isolator	1964
19640012156	Spectroscopic determination of electron temperature and percentage ionization in a helium plasma	1964
19640012163	Renewal of intestinal epithelium in the freshwater turtle, chrysemys picta	1964
19640012173	Velocity correlations in weak turbulent shear flow	1964
19640012176	Evolution with neutrino loss of a massive star until the onset of carbon burning	1964
19640012179	Development and application of a new approach to heat shield thermal design and evaluation	1964
19640012190	Requirements for onboard optical guidance of spacecraft on lunar trajectories	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640012278	Parallel inverter and converter operation and improvements in transformers third quarterly report, 28 dec. 1963 - 27 mar. 1964	1964
19640012279	Ion emitter studies final report	1964
19640012330	Research and development program on magnetic, electrical conductor, electrical insulation, and bore seal materials second quarterly report, dec. 1, 1963 - feb. 29, 1964	1964
19640012505	Crystal structure calculations system x-ray - 63 for the ibm 709/7090/7094	1964
19640012507	Beacon satellite studies of small scale ionospheric inhomogeneities	1964
19640012508	Structural synthesis research program semi-annual progress report, dec. 1, 1963 - may 31, 1964	1964
19640012512	X-ray 63. program system for x-ray crystallography for the ibm 709-7090-7094	1964
19640012513	Prolonged effects of lsd on eeg records during discriminative performance in cat, evaluation by computer analysis	1964
19640012530	Surface ionization studies final report, 11 jul. 1963 - 10 jan. 1964	1964
19640012532	Rift quality assurance program plan	1964
19640012536	The design, manufacture and test of cox flowmeters final report	1964
19640012539	Transverse field ion engine development final summary report	1964
19640012542	Infrared Emission Spectra of Organic Solids from 5 to 6.6 Microns	1964
19640012544	Far u. v. dayglow measurements- atomic oxygen	1964
19640012547	Ranger 1964	1964
19640012548	The containment of molten lithium hydride at elevated temperatures engineering report, 1 jan. 1962 - 1 oct. 1963	1964
19640012549	Investigation of system components for high chamber pressure engines. part i- program results final report, 1 may 1963 - 31 mar. 1964	1964
19640012550	Dynamic test results of sad-6	1964
19640012552	Orbiting satellite surface temperature prediction and analysis - user's manual	1964
19640012554	Balloon project progress report, apr. 1963 - apr. 1964	1964
19640012556	<basic physiological mechanisms which defend the human body against heat and cold> quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640012564	Heat Transfer Studies of Vapor Condensing at High Velocities in Straight Tubes Interim Progress Report, Nov. 1, 1963 - Apr. 30, 1964	1964
19640012567	Resonance absorption spectrophotometry of the hydrogen atom behind shock waves	1964
19640012582	On the starting characteristics of supersonic ejector systems	1964
19640012658	Supernovae, neutrinos, and neutron stars	1964
19640012756	Development of a 1200 foot endless-loop tape transport for satellite applications	1964
19640012757	An efficient pcm error correction and synchronization code	1964
19640012758	Comparison of the hypersonic aerodynamic characteristics of some simple winged shapes in air and helium	1964
19640012759	Correlation graphs for supersonic flow around right circular cones at zero yaw in air as a perfect gas	1964
19640012760	Heat-transfer measurements on a flat plate and attached fins at mach numbers of 3.51 and 4.44	1964
19640012761	Experimental evidence of degradation effects in short samples of hard superconductors	1964
19640012832	A comparison of the theoretical and experimental stagnation-point heat transfer in an arc-heated subsonic stream	1964
19640012833	Acoustic efficiency trends for high thrust boosters	1964
19640012834	Effects of non-photochemical processes on the meridional distribution and total amount of ozone in the atmosphere	1964
19640012835	On the simultaneous computation of the secular and resonance effects in the motion of celestial bodies	1964
19640012836	Effects of interstitial impurities on the low- temperature tensile properties of tungsten	1964
19640012837	Optical activity in saponified organic matter isolated from the interior of the orgueil meteorite	1964
19640012887	Theory of anisotropic shells	1964
19640013105	Studies for sterilization of space probe components progress report no. 2, 1 dec. 1963 - 1 mar. 1964	1964
19640013114	Control-surface interaction effects on delta- wing windward pressures at a mach number of 6.83 at high angles of attack	1964
19640013116	Rocket booster control. time optimal control with amplitude and rate limited controls	1964
19640013117	Nonlinear adaptive control systems with storage	1964
19640013119	Preliminary analysis of variation of pitch motion of a vehicle in a space environment due to fuel sloshing in a rectangular tank	1964
19640013120	A numerical method for the design of camber surfaces of supersonic wings with arbitrary planforms	1964
19640013234	An analytical study of the propagation of pressure waves in liquid hydrogen-vapor mixtures final report	1964
19640013283	Propellant flow meter for ion rocket systems final report	1964
19640013291	Instruction manual. sidereal rate generator and clock	1964
19640013307	The mirr-pcm telemetry system - a practical example of microelectric logic design	1964
19640013322	Radiation damage to semiconductors by high- energy electron and proton radiation	1964
19640013323	A simulator investigation of pilot performance during extended periods of low-altitude, high- speed flight	1964
19640013413	Motivation of technical personnel	1964
19640013414	Numerical calculations of hypersonic air flows over pointed and spherically tipped bodies at small angles of yaw	1964
19640013415	National altitude rocket test facilities	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640013426	Demodulation of wide-band frequency modulation by a phase-lock technique	1964
19640013427	Satellite-tracking characteristics of the x-y mount for data acquisition antennas	1964
19640013430	An infrared interference spectrometer - its evaluation, test, and calibration	1964
19640013432	Off-design performance of hypersonic supersonic combustion ramjets	1964
19640013433	Recent nasa experience with hydrogen engines	1964
19640013434	Saturn 1/1b project	1964
19640013436	Design and operating considerations of commercial stol transports	1964
19640013437	The centaur high energy upper stage program a status report	1964
19640013438	Effects of tread wear on the wet runway braking effectiveness of aircraft tires	1964
19640013439	Materials for supersonic transports	1964
19640013440	Effects of nuclear radiation and cryogenic temperatures on engineering materials	1964
19640013441	Effect of boundary layer transition on dynamic stability over large amplitudes of oscillation	1964
19640013442	The development of parawings for use as recovery systems	1964
19640013450	Characteristics of Herringbone-Grooved, Gas- Lubricated Journal Bearings	1964
19640013458	Infrasonic waves from the auroral zone	1964
19640013459	Analysis of the trajectory and large-amplitude motions of a scout vehicle during fourth-stage reentry flight	1964
19640013460	An experimental investigation of highly underexpanded free jets impinging upon a parallel flat surface	1964
19640013463	A Comparison Between Autonomic and Somatic Motor Outflow to Vestibular Stimulation	1964
19640013477	Basic research on biological communication progress report, 1 jul. 1962 - 31 jan. 1964	1964
19640013478	Development of hydrocarbon analysis as a means of detecting life in space annual report	1964
19640013479	Exobiology annotated bibliography, 1951-1964	1964
19640013597	The Development of Magnesium-Lithium Alloys for Structural Applications	1964
19640013598	The development of magnesium-lithium alloys for structural applications	1964
19640013599	Corrosion resistance and corrosion protection of magnesium-lithium alloys - a review of the present state of development	1964
19640013603	Ogo earth acquisition	1964
19640013605	Rift nrds operations plan	1964
19640013610	Development of electronically-tunable converters in the millimeter wave range bimonthly report no. 5, mar. 16 - may 16, 1964	1964
19640013613	A resistive wheatstone bridge liquid wave height transducer technical report no. 3	1964
19640013616	Research on low-density thermal insulation materials for use above 3000 degrees f first quarterly status report, jan. 1 - mar. 31, 1964	1964
19640013617	Tables of the complex fresnel integral	1964
19640013696	Thermal interface conductance in a vacuum	1964
19640013697	Welded metal bellows, a reliable positive expulsion device for liquid propellants	1964
19640013698	Some effects of gas stratification on choked nozzle flows	1964
19640013708	Finite element solution for thin shells of revolution	1964
19640013711	Low-subsonic aerodynamic characteristics of a delta-wing recovery device for nonlifting spacecraft	1964
19640013756	Deployable centrifugally stabilized structures for atmospheric entry from space	1964
19640013937	Rocket booster control section 8- linear programming and bounded phase coordinate control	1964
19640013943	Variational problem concerning flight between heliocentric circular orbits using solar sails	1964
19640013955	Meteorological observations above 30 kilometers	1964
19640013987	An integrated system for collecting and analyzing environmental test data	1964
19640013988	Horizon sensing for attitude determination	1964
19640013997	Planetary physics. laboratory studies of the chemiluminescence from the atomic oxygen- nitric oxide reaction under upper atmospheric conditions	1964
19640013998	Pigment particle size separation	1964
19640013999	Analysis of a distributed superconductive energy converter	1964
19640014006	Analysis of non-linear noise in fdm telephony transmission over an ssb-pm satellite communication system	1964
19640014016	Plasma sheath and screening around a stationary charged sphere and a rapidly moving charged body	1964
19640014019	Satellite situation report, volume, 4, number 8	1964
19640014020	Generation of long time creep data on refractory alloys at elevated temperatures third quarterly repot, 26 dec. 1963 - 26 mar. 1964	1964
19640014024	Research and development study on dc to dc converter engineered magnetics model emcr-131 third quarterly report, 1 jan. - 1 apr. 1964	1964
19640014029	Investigation of system components for high chamber pressure engines. part 2- appendixes final report	1964
19640014031	Tensile properties of tungsten-3 per cent rhenium at temperatures of 1400 to 2900 degrees c in vacuum	1964
19640014033	Investigation of zeolite membrane electrolytes for fuel cells final report	1964
19640014034	Study of spacecraft transponder power amplifier third quarterly rept., 1 jan. - 31 mar. 1964	1964
19640014035	Voltage and current monitor for scientific satellites	1964
19640014036	Jpl ephemeris tapes e9510, e9511, and e9512	1964
19640014077	Numerical analysis in residue number systems	1964
19640014083	Satellite situation report, volume 4, number 9	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640014084	<a pilot program for investigating various techniques to enhance the utilization of new knowledge related to or stemming from aerospace research and technology< quarterly progress report, dec. 15, 1963 - mar. 15, 1964	1964
19640014085	Interparameter statistical analysis of surface wind speed total opaque cloud cover, and maximum wind speed aloft at cape kennedy, florida	1964
19640014105	On non-linear boundary value type problems	1964
19640014107	Satellite situation report, vol. 4, no. 11	1964
19640014108	On a system of equations in automatic control theory technical report no. 64-1	1964
19640014109	Investigation of sputtering effects on the moon's surface fourth quarterly status report, 25 jan. 1963 - 24 apr. 1964	1964
19640014111	Re-entry radiation and air flow eighth quarterly report, 1 mar. - 31 may 1964	1964
19640014112	Development of macroscopic optical waveguide components progress report, apr. 1964	1964
19640014119	Study of high effective area ratio nozzles for spacecraft engines final report, may 1964	1964
19640014121	Investigation of theoretical and experimental analysis of the electromagnetic scattering and radiative properties of terrain, with emphasis on lunar-like surfaces semi annual report, 1 nov. 1963 - 30 apr. 1964	1964
19640014122	Second-order perturbation theory in atomic and molecular quantum mechanics /application to the electric dipole and quadrupole polarizabilities and shielding factors of the beryllium atom	1964
19640014123	Thermal expansion of yttria-stabilized zirconia	1964
19640014124	Measurements of planetary electric currents	1964
19640014125	An evaluation of the communication blackout problem for a blunt mars-entry capsule and a potential method for the elimination of blackout	1964
19640014126	A study of model matching techniques for the determination of parameters in human pilot models	1964
19640014131	The development of high energy density primary batteries, 200 watt hours per pound of total battery weight minimum third quarterly report, 1 feb. - 30 apr. 1964	1964
19640014134	Magnetic forming coil design and development summary report	1964
19640014137	Rigidized inflatable solar energy concentrators third quarterly progress report, feb. - 9 may 1964	1964
19640014138	Reflectance of kodak white paper	1964
19640014140	Development of electrical switch gear for space nuclear electrical systems quarterly progress report no. 3, 16 jan. - 16 apr. 1964	1964
19640014151	Pitch-angle distribution of the photoelectrons and origin of the geomagnetic anomaly in the f2 layer	1964
19640014159	Structural behavior of composite materials	1964
19640014161	Theory of tumbling bodies entering planetary atmospheres with application to probe vehicles and the australian tektites	1964
19640014169	Cosmic-ray hydrogen and helium nuclei during a solar quiet time in july 1961	1964
19640014171	Pulsating aurorae and infrasonic waves in the polar atmosphere	1964
19640014174	Performance measurement in flight simulation studies	1964
19640014189	Measurements and improvements of two hydrogen masers quarterly progress report, dec. 1, 1963 - feb. 29, 1964	1964
19640014191	Monte carlo solution for the characteristics of a highly rarefied ionized gas flowing through a channel with a transverse magnetic field	1964
19640014193	The multi-terminal hall generator	1964
19640014194	Measurements and improvements of two hydrogen masers quarterly progress report, 1 sep. - 30 nov. 1963	1964
19640014195	Pressure drop in flexible metal hoses, bellows, and gimbal joints an annotated bibliography	1964
19640014198	The synthesis of boron carbide filaments third quarterly report	1964
19640014199	Normalization of bistatic radar return	1964
19640014205	Some major hazards in government sponsored activities	1964
19640014208	Tail service mast design report. Saturn V ground support equipment launch complex 39	1964
19640014209	The orbit determination program of the jet propulsion lab.	1964
19640014210	Theoretical and experimental investigation on modulation inducing retrodirective optical systems	1964
19640014211	Space-vehicle stabilized-platform gimbal- system weight-reduction study. phase v. gimbal-seal cartridge design summary report	1964
19640014247	Dynamic analysis of a passive satellite stabilization technique	1964
19640014251	Aerodynamic braking trajectories for planetary orbit attainment	1964
19640014252	Preliminary analysis of manned mars mission using electric propulsion systems	1964
19640014253	Development status of low power arc-jet engines and their applicability to near future space missions	1964
19640014304	Structural responses to dynamic loading. part i -- stability of axially-loaded thin cylindrical shells under dynamic lateral pressures. part ii -- the dynamic loading of structural models by electrostatic forces	1964
19640014323	Saturn v launch vehicle development program	1964
19640014330	Lunar surface studies. a continuing bibliography	1964
19640014484	Planetary physics, 1. the photoionization of atomic oxygen	1964
19640014485	Planetary physics iii- photoionization cross sections of the rare gases	1964
19640014487	Proceedings of the All-Union Scientific Meteorological Conference, Volume 1	1964
19640014495	Investigation of the Structural Parameters of the Atmosphere at Altitudes of More than 90-100 Km Performed in the USSR by Means of Rockets and Artificial Earth Satellites	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640014898	The feasibility of spacecraft deceleration by aerodynamic braking at the planet mars	1964
19640014902	A theoretical study of the martian and cytherian ionospheres	1964
19640014904	Effects of leading-edge sweep on flutter characteristics of some delta-planform surfaces at a mach number of 15.4	1964
19640014905	Rocket spectrophotometer airglow measurements in the far ultraviolet	1964
19640014906	On the transport properties of a partially ionized gas in the presence of electric and magnetic fields	1964
19640014907	Vacancy formation in gold under high pressure	1964
19640014909	On a modification of hill's method of general planetary perturbations	1964
19640014911	Pyroelectric detection techniques and materials	1964
19640014912	Study in cometary astrophysics	1964
19640014913	The satellite determination of high-altitude water vapor	1964
19640014914	Research program related to vapor thermionic converters for nuclear applications	1964
19640014915	Project fog drops. investigation of warm fog properties and fog modification concepts	1964
19640014916	The use of man in booster guidance and control	1964
19640014917	Extreme vacuum technology /below 10 super minus 13 torr/ and associated clean surface studies	1964
19640014919	The Thermal Radiation of CO2 in the Atmosphere	1964
19640014926	A study of the stability of reinforced cylindrical and conical shells subjected to various types and combinations of loads final report, 15 oct. 1962 - 14 jan. 1964	1964
19640014931	Research and development in cds photovoltaic film cells final report, 29 may 1962 - 10 jun. 1964	1964
19640014932	Research and development study of the silver- cadmium couple for space application third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640014973	Moving-arc data smoothing for flight-analysis programs	1964
19640014978	Planning a least cost reliability constrained development program- a capacitated network approach	1964
19640014989	Development approach for an advanced orbiting solar observatory spacecraft	1964
19640014990	Cavitation damage resistance of materials in liquid sodium	1964
19640014997	A radiation cooled nuclear rocket nozzle for long firing durations	1964
19640015005	Propagation of plane waves in lossy moving media	1964
19640015049	Lunar landing and long-range earth re-entry guidance by application of perturbation theory	1964
19640015051	Global distribution of the net energy balance of the atmosphere from tiros radiation data	1964
19640015052	Flight evaluation of three techniques of demonstrating the minimum flying speed of a delta-wing airplane	1964
19640015071	Research and development of high-performance light-weight fuel cell electrodes second quarterly report, 1 feb. - 30 apr. 1964	1964
19640015075	Micrometeorite impact studies final report	1964
19640015085	Research on panel flutter	1964
19640015087	Ion sheath effects near antennas radiating within the ionosphere	1964
19640015090	Shape of the geomagnetic field solar wind boundary	1964
19640015091	Potassium corrosion test loop development quarterly progress report, no. 3, jan. 15 - apr. 15, 1964	1964
19640015094	Electron bombardment ion engine development final summary report	1964
19640015095	Nuclear radiation heating in liquid hydrogen. volume 1- description and experiment and discussion of results	1964
19640015096	Research and development program on magnetic, electrical conductor, electrical insulation, bore seal materials third quarterly report, mar. 1 - may 30, 1964	1964
19640015097	Nuclear radiation heating in liquid hydrogen. volume ii- experimental data	1964
19640015098	Deformation of the geomagnetic field by the solar wind	1964
19640015099	NASA Facts - Tiros	1964
19640015101	Ion rocket system research and development	1964
19640015106	Cryogenic Propellant Feed Systems for Electrothermal Engines	1964
19640015107	Hydrogen feed system	1964
19640015108	Ammonia feed system	1964
19640015109	Sizing of the hydrogen storage vessel	1964
19640015110	Material selection for the hydrogen storage vessel	1964
19640015111	Support system for the hydrogen storage vessel	1964
19640015112	The meteoroid hazard to the hydrogen storage tank	1964
19640015113	Estimates of the thermal radiation incident on hydrogen tank during the transfer trajectory	1964
19640015114	Thermal protection system for the liquid hydrogen storage vessel	1964
19640015138	Axial-Load Fatigue Properties of Ph 15-7 Mo Stainless Steel in Condition Th 1050 at Ambient Temperature and 500 Degree F	1964
19640015139	Azimuthal Magnetic Field of a Thick, Finite- Length, Helical Solenoid	1964
19640015153	Corrosion product separation in a croloy 9m mercury loop fourth quarterly report, 1 feb. - 30 apr. 1964	1964
19640015155	Decimal to octal conversion table for decimal values 0 to 65,999	1964
19640015161	Exploration of the Atmosphere of Venus by a Simple Capsule	1964
19640015205	An Experimentally Determined Model for the Periodic Character of Winds from 85 to 135 Km	1964
19640015210	Review of static seals for cryogenic systems	1964
19640015258	Control system lags and man-machine system performance	1964
19640015274	Flow Evaluation in an Arc-Heated Hypersonic Wind Tunnel	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640015275	A Flight Investigation of Ablation on a Blunted Cylinder-Flare Configuration to a Mach Number of 8.48	1964
19640015438	Vertex reduction network analysis	1964
19640015439	Field evaluation of an experimental air dry fuel resistant coating	1964
19640015447	Noise and sonic boom considerations in the operation of supersonic aircraft	1964
19640015578	Reaction of o /id/ with co	1964
19640015579	Hardenability of Titanium Alloys	1964
19640015580	Comparison of nonlinear and linear multireceiver detection systems	1964
19640015590	Meteorological data report, nike-apollo sr-017	1964
19640015593	Three-body reactions	1964
19640015594	Zero-field splitting, one- and two-center coulomb-type integrals	1964
19640015651	Scientific report on recombination and transport in the nighttime f region of the ionosphere scientific report no. 212	1964
19640015652	The Time Dependence of Radiation Belt Lifetimes and Some Applications	1964
19640015653	Radiation damage - electron impact status report	1964
19640015654	Principles of general covariance and the role of coordinates in general relativity semi-annual report, 1 jul. - 31 dec. 1963	1964
19640015655	Rocket booster control. section 2- control of plants whose representation contains derivatives of the control variable	1964
19640015656	Air augmented rocket power plant design program /plumed mix-master/	1964
19640015658	Development of an Impedance Pneumograph	1964
19640015689	Catalytic reduction of carbon monoxide with hydrogen	1964
19640015690	Afterbody Pressures on Two-Dimensional Boattailed Bodies Having Turbulent Boundary Layers at Mach 5.98	1964
19640015691	Comparison of Heat-Rejection and Weight Characteristics of Several Radiator Fin-Tube Configurations	1964
19640015760	The flow and interference effects of a body of revolution and its stabilizing surfaces when at an angle of attack	1964
19640015762	The deep space network	1964
19640015763	Space exploration programs and space sciences	1964
19640015768	Symposium on radar and radiometric observations of venus during the 1962 conjunction	1964
19640015774	A normal-incidence reflective polariscope for viscoelasticity measurements	1964
19640015775	Properties of error-correcting codes at low signal-to-noise ratios	1964
19640015792	Interplanetary trajectory analysis for missions from earth to mercury, jupiter, and saturn	1964
19640015793	The Use of Solid Circuits in Satellite Instrumentation	1964
19640015794	Statistical Techniques for Describing Localized Vibratory Environments of Rocket Vehicles	1964
19640015795	Goddard Space Flight Center Contributions to the Cospar Meeting.	1964
19640015796	A Solid State Satellite Separation Sequence Timer	1964
19640015797	A Parametric Study of Hypersonic Flow Fields About Blunt-Nosed Cylinders at Zero Angle of Attack	1964
19640015798	Radiance of the Earth and Its Limb in the Middle Ultraviolet	1964
19640015799	Quantum Mechanical Study of Molecules - Electronic States of Diatomic Molecules	1964
19640015800	Wind-Tunnel Investigation of Boundary-Layer Control by Blowing on an NACA 65 (sub 5)-424 Airfoil to Effect Drag Reduction	1964
19640015817	Densities obtained from drag on the explorer 17 satellite	1964
19640015838	Synthesis of new fluorine containing compounds quarterly technical summary, 1 apr. - 30 jun. 1964	1964
19640015849	The scattering of the radio waves by hail and wet snow final report	1964
19640015850	Determination of the weldability and elevated temperature stability of refractory metal alloys third quarterly report, dec. 21, 1963 - mar. 21, 1964	1964
19640015855	Biochemical fuel cells fourth quarterly report, 1 feb. - 30 apr. 1964	1964
19640015857	An Introduction to the Theory and Data Reduction Method for the Pilot-Static Technique of Upper Atmosphere Measurement	1964
19640015858	Effect of Hole Size on Pressure Measurements Made With a Flat - Plate Dynamic - Head Probe	1964
19640015859	Hypervelocity shock tube	1964
19640015860	Measurement of the High-Frequency Pressure Phenomena Associated with Rocket Motors	1964
19640015861	Convective heat transfer in planetary atmospheres	1964
19640015875	Experimental data on stagnation-point gas injection cooling on a hemisphere-cone in a hypersonic arc tunnel	1964
19640015887	System capabilities and development schedule of the deep space instrumentation facility, 1964-68 /revision 1/	1964
19640015889	Study of capacitors for static inverters and converters third quarterly report, 16 feb. - 16 may 1964	1964
19640015892	Heat-Transfer and Pressure Investigation of a Fin-Plate Interference Model at a Mach Number of 6	1964
19640015893	Stalling and Tumbling of a Radio-Controlled Parawing Airplane Model	1964
19640015894	Sonic Booms from Aircraft in Maneuvers	1964
19640015895	Numerical Calculation of Supersonic Flows of a Perfect Gas over Bodies of Revolution at Small Angles of Yaw	1964
19640015896	YLR99-RM-1 Rocket Engine Operating Experience in the X-15 Aircraft	1964
19640015897	Theoretical Aerodynamic Characteristics of Sharp and Circularly Blunt-Wedge Airfoils	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640015898	Numerical analysis of flow properties about blunt bodies moving at supersonic speeds in an equilibrium gas	1964
19640015957	An Experimental Investigation of Radiation Effects in Semiconductors	1964
19640015960	Communications satellites. a continuing bibliography	1964
19640015987	Study of fuel cells using storable rocket propellants final report, 28 jun. 1963 - 27 jan. 1964	1964
19640015988	Study of fuel cells using storable rocket propellants quarterly progress report no. 1, 28 jan. - 27 apr. 1964	1964
19640015989	Electromagnetic alkali metal pump research program quarterly progress report no. 3, 27 dec. 1963 - 27 mar. 1964	1964
19640015991	Alkali metals boiling and condensing investigations quarterly progress report no. 7, jan. 1 - mar. 31, 1964	1964
19640015992	Study of the fundamental principles of bio-electrochemistry final technical report mar. 1963 - mar. 1964	1964
19640015993	Experimental systems studies of large modules and arrays of electrostatic thrusters	1964
19640015994	Fracture toughness testing	1964
19640015995	Application of integrated circuits to telemetry systems	1964
19640015996	Experimental Investigation of Heat Transfer and Pressures on a Swept Cylinder in the Vicinity of Its Intersection with a Wedge and Flat Plate at Mach Number 4.15 and High Reynolds Numbers	1964
19640015997	Effects of Preoxidation Treatments on Spectral Normal and Total Normal Emittance of Inconel, Inconel-X, and Type 347 Stainless Steel	1964
19640015998	Aerodynamic Characteristics of Several Proposed Versions of the Saturn V Launch Vehicle at Mach Numbers 1.57 to 4.65	1964
19640015999	Buckling of the Echo A-12 Passive Communications Satellite	1964
19640016001	Full-Scale Wind-Tunnel Tests of Nonarticulated Helicopter Rotor	1964
19640016034	Aerospace medicine and biology continuing bibliography, 1 jan. - 31 mar. 1964	1964
19640016035	Development of dispersion strengthened tantalum base alloy third quarterly progress report, 20 dec. 1963 - 19 mar. 1964	1964
19640016045	The manufacture of cadmium sulfide thin film solar cells at the rates of 1 kilowatt per month and 5 kilowatts per month	1964
19640016046	Absolute pressure gauge feasibility study final report	1964
19640016054	Hypersonic magnetohydrodynamics with or without a blunt body	1964
19640016055	Aerodynamics of spherical balloon wind sensors	1964
19640016056	Chemical evolution and the origin of life	1964
19640016059	Cohenite as a pressure indicator in iron meteorites	1964
19640016060	The contribution of absorption lines to the opacity of matter in stellar interiors	1964
19640016087	Geomagnetic control of the electron density in the f region of the ionosphere	1964
19640016088	Diffuser Performance of a Mach 6 Open-Jet Tunnel and Model-Blockage Effects at Stagnation Temperatures to 3,600 Degrees F	1964
19640016119	Natural frequencies in coupled bending and torsion of twisted rotating and nonrotating blades	1964
19640016160	Visible absorption spectra of cadmium in cadmium halides and lead chloride and in lead bromide	1964
19640016161	Intensities of 9.4 mu and 10.4 mu co2 bands	1964
19640016162	Television cinemaphotography of auroras and preliminary measurements of auroral velocities	1964
19640016163	Ultraviolet optical properties of diamond	1964
19640016164	Temperature of metallic objects in space	1964
19640016166	Temperature distribution on conducting cylindrical shells including the effects of thermal radiation	1964
19640016167	Momentum transfer and cratering effects produced by giant laser pulses	1964
19640016177	The use of a helium mass spectrometer leak detector	1964
19640016334	Magnetic Field from a Finite Thin Cone by Use of Legendre Polynomials	1964
19640016337	Nonadiabatic theory of inelastic electron- hydrogen scattering	1964
19640016356	Vectorial Reflectance of the Explorer IX Satellite Material	1964
19640016391	Prospects for Obtaining Aerodynamic Heating Results from Analysis of Meteor Flight Data	1964
19640016396	Martian airglow	1964
19640016435	Experimental neutron flux distributions in a water system with an internal cavity final report	1964
19640016442	Research on Processes for Utilization of Lunar Resources	1964
19640016445	Terrestrial environment /climatic/ criteria guidelines for use in space vehicle develop- ment, 1964 revision	1964
19640016446	A high frequency phase comparator for rocket instrumentation scientific report no. 210/e/	1964
19640016447	Heat transfer to a gas containing a cloud of particles	1964
19640016449	Life cycle tests monthly progress report, pe- riod ending 30 jun. 1964	1964
19640016451	Research on the physics of solid materials semiannual status report no. 10, nov. 1, 1963 - apr. 30, 1964	1964
19640016452	Baryon star models	1964
19640016453	Experimental studies of chemical nonequilibrium in hydrogen nozzle flows	1964
19640016454	Apollo Command Module Access ARMS, Saturn IB, Launch Complexes 34 and 37, Engineering Report	1964
19640016455	Space programs summary no. 37-27, volume iv, for the period april 1, 1964 to may 31, 1964. supporting research and advanced development	1964
19640016456	Engine operating problems in space. volume i- the space environment final report, 15 feb. 1962 - 14 mar. 1964	1964
19640016457	Thermionic and thermoelectric energy conversion. literature search no. 575	1964
19640016459	Investigation of optimal control with a minimum-fuel consumption criterion for a fourth-order plant with two control inputs, synthesis of an efficient sub-optimal control	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640016460	A Preliminary Study of Sine Wave plus Noise for Application to Instrumentation Tape Recorder Perturbations	1964
19640016461	Evidence of hydromagnetic waves in the earth's magnetosphere and of their propagation to the earth's surface	1964
19640016491	On the analysis of dynamic behavior of high polymers	1964
19640016492	Self-consistent method for determining the boundary shape between a plasma and a magnetic field	1964
19640016493	On the zenithal distribution of extremely- high-energy cosmic-ray muons in the atmosphere	1964
19640016495	Analysis of booster systems with a recoverable hypersonic airplane first stage	1964
19640016497	Heat-transfer and weight analysis of a moving- belt radiator system for waste heat rejection in space	1964
19640016498	Flight tests of a 0.13-scale model of a vectored-thrust jet vtol transport airplane	1964
19640016499	Forces acting on bubbles in nucleate boiling under normal and reduced gravity conditions	1964
19640016500	Fused fluoride coatings as solid lubricants in liquid sodium, hydrogen, vacuum, and air	1964
19640016501	Flashing-beacon experiment for mercury-atlas 9 /ma-9/ mission	1964
19640016502	Experimental investigation of the dynamic stability of a towed parawing glider air cargo delivery system	1964
19640016503	Laminar slip flow heat transfer in a parallel-plate channel or a round tube with uniform wall heating	1964
19640016504	Stress-intensity factors for a single-edge- notch tension specimen by boundary collocation of a stress function	1964
19640016505	Study of the Planets by Means of the Polarization of Their Light <Etude Des Planetes Par La Polarisation De Leur Lumiere<	1964
19640016507	Clarity in technical reporting	1964
19640016537	Effects of temperature on noise of bypass jets as measured in the langley noise research facility	1964
19640016538	Experimental determination of the dependence of crack extension force on crack length for a single-edge-notch tension specimen	1964
19640016539	Experimental investigation of heavy-molecule propellants in an electron-bombardment thruster	1964
19640016544	Algorithm 229 elementary functions by continued fractions	1964
19640016556	Cavitation damage in liquid sodium	1964
19640016629	Mechanical properties of echo ii laminate	1964
19640016630	Measurements of human transfer function with various model forms	1964
19640016659	Ambipolar diffusion in semiconductors	1964
19640016663	Study of the relationship of properties of composite materials to properties of their constituents quarterly progress report	1964
19640016664	Design study of a solar hydrogen propulsion and power system final report, 17 may - 16 nov. 1963	1964
19640016665	An Engineering Study and Preliminary Design of a One Man Propulsion Device for Lunar and Free-Space Environments Final Report	1964
19640016667	Development of a heliotropic orientation device for high concentration ratio solar power generation systems quarterly progress report 15 jan. - 15 apr. 1964	1964
19640016668	A survey of hypersonic shock tunnel facilities employing heated driver gases	1964
19640016669	Magnetogasdynamic rocket for space propulsion	1964
19640016674	Study of use of auxilliary electrodes in silver cells first quarterly report, 1 feb. - 1 may 1964	1964
19640016675	Freezing of liquids on sudden exposure to vacuum	1964
19640016676	The fluorination of copper	1964
19640016677	Permeation of adhesively bonded joints by gaseous and liquid hydrogen	1964
19640016678	Atmospheric densities and temperatures from the drag analysis of the explorer 17 satellite	1964
19640016681	<experimental study of optical and electronic properties of alkali halides under vacuum ultraviolet radiation> final report	1964
19640016682	The design and construction of an acceleration cart	1964
19640016683	Summary of flight missions to jupiter digest report	1964
19640016685	Scientific objectives for mercury missions digest report	1964
19640016686	Survival of thin films in space	1964
19640016695	A review of biological mechanisms for appli- cation to instrument design	1964
19640016696	Supersonic lateral-directional stability characteristics of a 45 deg swept wing-body- tail model with various body cross-sectional shapes	1964
19640016714	Interference effects of single and multiple round or slotted jets on a vtol model in transition	1964
19640016715	Flight-informational sensors, display, and space control of the x-15 airplane for atmospheric and near-space flight missions	1964
19640016716	An initial value method for the numerical treatment of the orr-sommerfield equation for the case of plane poiseuille flow	1964
19640016753	Deep Space Optical Communications Systems Study	1964
19640016791	A reentry voice communication system for use in conjunction with radar tracking equipment	1964
19640016792	Planetary physics. v- an expansion method for calculating atomic properties. ii- transition probabilities	1964
19640016793	Nonlinear-averaging errors in radiation pyrometry	1964
19640016796	The hydrolysis of amino acyl-beta-naphthyla hides by plasma aminopeptidases	1964
19640016797	Inhibition of thiol-activatted aminopeptidase by puromycin	1964
19640016800	The growth of metal and metallic oxide whiskers- an annotated bibliography	1964
19640016835	Technical illustrating - preparing contractor reports for nasa	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640016839	Bibliographies on aerospace science- a continuing bibliography. january 1962 - may 1964	1964
19640016845	An analog study of a rotating-solid-rocket control system and its application to attitude control of a space-vehicle upper stage	1964
19640016859	Force-test investigation of a 1/4-scale model of the modified vz-2 aircraft	1964
19640016860	Heat transfer on unswept and 38 deg swept cylindrically blunted wedge fins in free flight to mach number 4.11	1964
19640016861	Supersonic aerodynamic characteristics of a series of bodies having variations in fineness ratio and cross-section ellipticity	1964
19640016862	Mobility of positive ions in their own gas- determination of average momentum-transfer cross section	1964
19640016863	Analysis of Effect of Compensating-Bellows Device in a Propellant Line as a Means of Suppressing Rocket Pump Inlet Perturbation	1964
19640016864	Analysis of fully developed laminar heat transfer in thin rectangular channels with heating on the broad walls except near the corners	1964
19640016865	A spring-mass representation of a free-free nonuniform bar in response to longitudinal forces	1964
19640016866	Heat transfer for laminar slip flow of a rarefied gas between parallel plates with unsymmetrical wall heat flux	1964
19640016867	Analytical investigation of the radiator area characteristics of out-of-pile thermionic gas cycle space power systems	1964
19640016871	Thermodynamic and transport properties for the hydrogen-oxygen system	1964
19640016890	Atmospheric environment for saturn /sa-5/ flight test	1964
19640016891	Silicon photodiode vacuum ultraviolet detector	1964
19640016892	Latest wind estimates from 80km to 200km altitude region at mid-latitudes	1964
19640016924	Experimental sloshing characteristics and a mechanical analogy of liquid sloshing in a scale-model centaur liquid oxygen tank	1964
19640016925	Effect of initial velocity on one-dimensional, ambipolar, space-charge currents	1964
19640016926	Effect of wing stalling in transition on a 1/4-scale model of the vz-2 aircraft	1964
19640016956	The selection of a multivariable approximating function satisfying a given error tolerance in the sense of least squares annual report, may1, 1963 - apr. 30, 1964	1964
19640016957	The study of base heating by radiation from exhaust gases thirteenth quarterly progress report, feb. 1, 1963 - apr. 31, 1964	1964
19640017154	Research on the polarization of light from planets and from some terrestrial substances <recherches sur la polarisation de la lumiere des planetes et de quelques substances terrestres<	1964
19640017155	Explorer XIX, the Air Density Satellite NASA Facts, Vol. II-2	1964
19640017156	V/STOL Aircraft NASA Facts, Vol. II, No. 3	1964
19640017178	Radiometer-pyrometer for analysis of gaseous combustion products	1964
19640017179	Electrochemical oxidation of titanium diboride	1964
19640017206	Application of penetrometers to the study of physical properties of lunar and planetary surfaces	1964
19640017207	A twin-gyro attitude control system for space vehicles	1964
19640017208	Base pressure coefficients obtained from the x-15 airplane for mach numbers up to 6	1964
19640017209	Laminar and turbulent hydrogen heat transfer and friction coefficients over parallel plates at 5000 deg r	1964
19640017210	Hydrostatic stability of the liquid-vapor interface in a low-acceleration field	1964
19640017287	An experimental and analytical vibration study of a ring-stiffened cylindrical shell structure with various support conditions	1964
19640017288	Breakup of various liquid jets by shock waves and applications to resonant combustion	1964
19640017289	Some optical techniques for temperature and concentration measurements of combustion in supersonic streams	1964
19640017290	Micrometeoroid satellite /explorer xvi/ stainless-steel penetration rate experiment	1964
19640017311	The x-irradiation of hydrazine and 1,1- dimethylhydrazine the x-irradiation of hydrazine and 1,1-dimethylhydrazine	1964
19640017324	A technique for including the effects of vehicle parameter variations in wind response studies	1964
19640017325	Discrete activity indicator system	1964
19640017326	Space vehicle guidance - a boundary value formulation	1964
19640017327	Research and development of separators for silver oxide-zinc and silver oxide-cadmium cells for spacecraft application third quarterly report, 27 dec. 1963 - 27 mar. 1964	1964
19640017330	Booster parametric design method for performance and trajectory analyses. part 1- configuration	1964
19640017331	Silane polymers of diols	1964
19640017333	Theoretical studies of protons in the outer radiation belt	1964
19640017342	Pile-of-plates polarizer for the vacuum ultra- violet	1964
19640017348	Communications satellite systems- a computer model and related analysis. volume ii- the model and its use	1964
19640017359	Experimental study on the dynamics and structure of the upper atmosphere final report	1964
19640017360	<airglow and zodiacal light research< sixth semiannual status report, 1 oct. 1963 - 31 mar. 1964	1964
19640017363	Investigation of Vehicle-Integrated Rocket Powerplants with Air Augmentation, Volume I. 29 Jun. 1963 - 15 Jun. 1964	1964
19640017365	<calculation of the initial liquid levels in two interconnected tanks< addendum to technical note r-70	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640017367	An investigation for the implementation of adaptive guidance final report, 23 mar. 1963 - 23 mar. 1964	1964
19640017369	Saturn s-1 stage final static test report	1964
19640017372	Study of high effective area ratio nozzle for spacecraft engines final report, 18 apr. 1962 - 18 feb. 1964	1964
19640017373	Nonlinear aspects of combustion instability in liquid propellant rocket motors fourth yearly progress report, 1 jun. 1963 - 31 may 1964	1964
19640017375	Properties of non-stoichiometric metallic carbides final report	1964
19640017378	Nonequilibrium shock front rotational, vibrational and electronic temperature measurements research note 398	1964
19640017384	The Thermal Conductivity of Thermocouple Grade Constantan Rod	1964
19640017385	Antenna Test Transmitters	1964
19640017386	[Heat Transfer, Radiation in N ₂ -Co ₂ Mixtures, and Shock Front Spectroscopy and Magneto- Dynamic Support]	1964
19640017387	Guidance of Low-Thrust Interplanetary Vehicles	1964
19640017388	Radiative Energy Transfer on Entry into Mars and Venus Quarterly Report No. 7	1964
19640017390	Analysis of the Lunar Surface and Atmosphere by Mass Spectroscopy Summary Report	1964
19640017391	Design Criteria for Zero Leakage Connectors for Launch Vehicles. Fundamental Seal Inter- Face Studies and Design and Testing of Tube and Duct Separable Connectors Final Report, Mar. - Dec. 1963	1964
19640017392	Analog-to-digital converter for high accuracy, severe environment operation final report	1964
19640017393	Study of zero-gravity positive expulsion techniques interim report no. 8230-933007, 16 mar. 1963 - 15 jan. 1964	1964
19640017394	Arod vehicle tracking receiver final report and instruction manual	1964
19640017395	Research to Determine Failure Modes for Transistors	1964
19640017396	Research on Bearing Lubricants for Use in High Vacuum	1964
19640017397	Research and Development of Materials for Use as Lubricants in a Liquid Hydrogen Environment Summary Report	1964
19640017398	Towards a Low Level Accelerometer	1964
19640017399	A Survey of the Literature on the Vibrations of Thin Shells	1964
19640017401	Heat Transfer Measurements in Partially Ionized Gases	1964
19640017403	Study of Torque Motor Sizing for Use on Electrohydraulic Servovalves	1964
19640017412	Singularities in the Analytic Solution of the Linearized Variational Equations of Elliptical Motion	1964
19640017440	Surface X-Ray Emission from Neutron Stars	1964
19640017442	Use of Temperature-Sensitive Coatings for Obtaining Quantitative Aerodynamic Heat-Transfer Data	1964
19640017450	Relaxation of the Vibrational Energy of Air Molecules Behind the Direct Shock Wave Front	1964
19640017463	Launch Operational Test Plan. Section 1- Checkout and Launch Plan	1964
19640017467	Planetary Physics IV: An Expansion Method for Calculating Atomic Properties	1964
19640017468	Development of Neutron Activation Analysis Procedures for the Determination of Oxygen in Potassium. Third Quarterly Report, Period Ending Mar. 31, 1964	1964
19640017469	Evaluation Program for Nickel Cadmium Sealed Cells	1964
19640017470	Characterization of Nickel-Cadmium Electrodes	1964
19640017471	Study of Model Matching Techniques for the Determination of Parameters in Human Pilot Models.	1964
19640017474	Theoretical Analysis of Operational Characteristic of Micrometeoroid Capacitor Detector	1964
19640017477	Urban Growth in the Nation's Spaceport	1964
19640017478	Guidance and Control Schemes for Manned Lunar Landing	1964
19640017479	The Effect of Nucleation of Surface Slip on the Flow and Fracture of Beryllium Quarterly Progress Report, Jan. 22 - Apr. 21, 1964	1964
19640017481	EEG Stability Analysis: Sleep Records	1964
19640017483	A Feasibility Study of a Radiation Analyzer for the Zodiacal Light	1964
19640017515	Aerobee nasa 4.86 na meteorological data report	1964
19640017537	Earth-Mars Trajectories, 1964	1964
19640017538	Earth-mars trajectories, 1964	1964
19640017593	Reception and investigation of the properties of radio signals from soviet space rockets <priyem i issledovaniye osobennostey radiosig- nalov sovetskikh kosmicheskikh raket<	1964
19640017730	Design considerations for the surveyor terminal descent system	1964
19640017731	Decay rates of passive precession dampers and their bounds	1964
19640017737	Application of the continuous and discrete strategies of the minimum effort theory to interplanetary guidance	1964
19640017750	A simple model of the interplanetary magnetic field. part ii- the cosmic ray anisotropy	1964
19640017758	Guidance requirements for an unmanned planet landing	1964
19640017759	Solar probe orbit design	1964
19640017760	Two-body midcourse navigation and guidance for lunar missions	1964
19640017841	Midcourse guidance equations for the surveyor spacecraft	1964
19640017844	Spacecraft temperature control by thermostatic fins-analysis	1964
19640017845	Time response of liquid-vapor interface after entering weightlessness	1964
19640017895	Note on binaural masking level differences at high frequencies	1964
19640017897	Nonlinear adaptive control systems with storage scientific report no. 4	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640017898	Earth-moon trajectories, 1964 - 1969	1964
19640017903	Chemosynthetic gas exchanger final report, jun. 1963 - jun. 1964	1964
19640017904	Life cycle tests monthly progress report	1964
19640017912	Two launchings in space	1964
19640017915	Cavitation damage measurements by radiotracer analysis internal report no. 23	1964
19640017919	Study of model matching techniques for the determination of parameters in human pilot models. report on task 4, two-axis model	1964
19640017921	A bibliography of thermophysical properties of argon from 0 to 300 deg. k	1964
19640017955	Quantum effects in elastic molecular scattering	1964
19640017957	Interplanetary midcourse guidance analysis, volume ii	1964
19640017958	Second-order effects in high-frequency transionospheric propagation scientific report no. 216	1964
19640017966	The worthington inducer	1964
19640017967	A study of the ionosphere at mid latitudes, based on total electron content scientific report no. 213	1964
19640017968	Certain theoretic antenna problems for radio astronomy status report, jul. 1, 1964	1964
19640017969	A cryogenic test-mass suspension for a sensitive accelerometer	1964
19640017970	Studies on the radioactive dating of the lunar surface status report no. 3, 10 jan. 1963 - 10 jan. 1964	1964
19640017971	Effect of nuclear radiation on materials at cryogenic temperatures quarterly progress report no. 13, jan. - mar. 1964	1964
19640017973	Life cycle tests monthly progress report through 31 jan. 1964	1964
19640017975	Visual control of habituation to complex vestibular stimulation in man	1964
19640017976	Influence of strong magnetic fields on the electrocardiogram of squirrel monkeys /saimiri sciureus/	1964
19640017977	Use of caloric test in evaluating the effects of gravity on cupula displacement	1964
19640017978	Low input voltage d.c. to d.c. converter final progress report, 26 jun. 1963 - 26 mar. 1964	1964
19640017979	Investigation of bremsstrahlung produced by the interaction of electrons with matter final report	1964
19640017983	An engineering study and preliminary design of a one man propulsion device for lunar and free-space environments summary report	1964
19640017984	Jpl low-field magnetometer final engineering report	1964
19640017985	A study program to determine magnetic properties of jpl spacecraft electronic components final report	1964
19640017987	Orbiting satellite surface temperature prediction and analysis final report, 4 feb. 1963 - 3 feb. 1964	1964
19640017988	Evaluation program for nickel cadmium sealed cells. general performance test of gulton industries, inc., 20.0 ampere hour sealed c cells	1964
19640017989	Some notes on gauge invariance	1964
19640017990	Report on an investigation of problems in the measurement of thin evaporated metal films on mylar	1964
19640017992	Docking study. final summary report, 17 jun. 1963 - 12 jun. 1964	1964
19640017993	Coding color pictures	1964
19640017995	The use of the langmuir probe to determine electron densities surrounding re-entry vehicles final report	1964
19640017996	Horizon scanner for venus and mars, bec model 13-170 final engineering report	1964
19640017999	Life cycle tests monthly progress report, 31 may 1964	1964
19640018000	Nickel cadmium test program monthly progress report, 3 january 1964	1964
19640018016	Research on applied bioelectrochemistry final report, 14 mar. 1963 - 13 mar. 1964	1964
19640018032	A study of the pilot's ability to control an apollo type vehicle during atmosphere entry	1964
19640018059	Investigation of problems associated with the detection of the lunar horizon from a space vehicle final report	1964
19640018137	Generation of long time creep data of refractory alloys at elevated temperatures fourth quarterly report, mar. 26 - jun. 26, 1964	1964
19640018138	Ion rocket engine system research and development final report, 27 dec. 1962 - 29 feb. 1964	1964
19640018142	Two stage potassium test turbine quarterly progress report no. 12, feb. 9 - may 8, 1964	1964
19640018154	Summary of experimental astronomy laboratory work	1964
19640018171	Materials for potassium lubricated journal bearings quarterly progress report no. 4, jan. 22 - apr. 22, 1964	1964
19640018172	Study program to improve fuel cell performance by pulsing techniques final report	1964
19640018173	Solubility and diffusion studies of ultra pure transition elements in ultra pure alkali metals fourth quarterly report, mar. 29 - jun. 27, 1964	1964
19640018179	The effects of combined prior stress and atmospheric corrosion on the fatigue life of aluminum alloys	1964
19640018199	Orthogonal ultrasonic signals	1964
19640018249	Conference on High Energy Cyclotron Improvement	1964
19640018301	The Six-Circular-Coil System	1964
19640018314	Studies for sterilization of space probe components progress report no. 3, mar. 1 - 1 jun. 1964	1964
19640018316	An analysis of second-order slip flow and temperature-jump boundary conditions for rarefied gases	1964
19640018317	Genetic recombination between the resistance transfer factor and the chromosome of escherichia coli	1964
19640018318	Hydromagnetic stability of the magnetospheric boundary	1964
19640018319	Comparison of ground tests and orbital launch results for the explorer ix and explorer xix satellites	1964
19640018320	Analytical study of the expansion and condensation behavior of alkali-metal and mercury vapors flowing through nozzles	1964
19640018321	Experimental Investigations of Incipient and Desinent Cavitation	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640018368	A more precise analysis of multicavity klystrons. ii. prediction of electronic conductance and over-all gain technical report 348	1964
19640018386	Device for refilling liquid helium cryostats with small loss of residual liquid helium	1964
19640018390	A new cathode for mercury electron-bombardment thrusters	1964
19640018391	Overall efficiency trends in a coaxial gun plasma engine system	1964
19640018392	Mission applications of orbital and global range transports	1964
19640018393	Relative operating capabilities of selected electric-arc reentry environment simulators	1964
19640018398	The mechanical properties at 800 deg, 1000 deg, and 1200 deg f of two superalloys under consideration for use in the supersonic transport	1964
19640018399	Cellular aluminum for use in energy dissipat- ion systems	1964
19640018400	Development of a power silicon gate controlled switch	1964
19640018401	Boron filaments	1964
19640018402	Tides in the atmospheres of earth and mars	1964
19640018404	Transonic aerodynamic and buffet characteris- tics of a packaged space station in combination with a saturn v launch vehicle	1964
19640018405	Preliminary results of compression tests on cylinders with eccentric longitudinal stiffeners	1964
19640018406	Radiation dosimetry aboard the spacecraft of the eighth mercury-atlas mission /ma-8/	1964
19640018407	Diffusion studies of several oxidation resistant coatings on mo-0.5ti molybdenum alloy at 2,500 degrees f	1964
19640018408	Atmospheric acoustics as a factor in saturn static testing	1964
19640018409	Aerodynamic characteristics of a full-scale fan-in-wing model including results in ground effect with nose-fan pitch control	1964
19640018410	Heat transfer and pressure measurements on delta wings at mach numbers of 3.51 and 4.65 and angles of attack from -45 degrees to 45 degrees	1964
19640018411	Aerodynamic data on large semispan tilting wing with 0.6-diameter chord, single-slotted flap, and single propeller rotating down at tip	1964
19640018412	Breakup of a liquid jet in a transverse flow of gas	1964
19640018413	Effect of air injection through a porous surface and through slots on turbulent skin friction at mach 3	1964
19640018414	Pilot evaluation of dynamic stability characteristics of a supersonic transport in cruising flight using a fixed-base simulator	1964
19640018415	Detailed description and flight performance of the ram b vehicle	1964
19640018416	Free-flight test results on the performance of cork as a thermal protection material	1964
19640018417	Evaluation of an energy method using finite differences for determining thermal midplane stresses in plates	1964
19640018418	A study of several oxidation-resistant coatings on mo-0.5ti alloy sheet at 2,500 deg f	1964
19640018419	Experimental technique for measuring total aerodynamic heating rates to bodies of arbitrary shape with results for mach 7	1964
19640018420	Study of contamination-induced luminosity ahead of a blunt body in the langley hotshot tunnel	1964
19640018422	Behavior of a flat stretched membrane wrinkled by the rotation of an attached hub.	1964
19640018423	Wind-tunnel measurements on a lifting rotor at high thrust coefficients and high tip-speed ratios	1964
19640018424	Effects of configuration geometry on the transonic aerodynamic characteristics of canard airplane configurations	1964
19640018425	Semiclassical calculation of the differential scattering cross section with charge exchange- cesium ions in cesium vapor	1964
19640018426	A discussion of halphen's method for secular perturbations and its application to the determination of long range effects in the motions of celestial bodies. part 2	1964
19640018427	Mass addition in the stagnation region for velocity up to 50,000 feet per second	1964
19640018437	Diffusion approximation for thermal radiation in gases with jump boundary condition	1964
19640018439	Variation of strontium isotopes in tektites	1964
19640018440	The vector potential and motion of charged particles in axisymmetric magnetic fields	1964
19640018441	Satellite observations of the geomagnetic field during magnetic storms	1964
19640018443	Development of a 3-kilowatt resistojet	1964
19640018444	Experimental analysis of the exhaust beam from a colloid thruster	1964
19640018445	Effect of thruster characteristics on electric spacecraft missions	1964
19640018446	Application of magnetic-expansion plasma thrusters to satellite station keeping and attitude control missions	1964
19640018447	Cathode durability in the mercury electron- bombardment ion thruster	1964
19640018448	Electrode materials for contact ion engines	1964
19640018449	Effects of plasma non-uniformity on grid erosion in an electron bombardment ion engine	1964
19640018450	Experimental performance of a 50 centimeter diameter electron-bombardment ion rocket	1964
19640018451	High-performance cesium ionizers made from sized spherical tungsten powder	1964
19640018452	Investigation of the pre-breakdown gap currents leading to electrical breakdown between clean and cesium-coated tungsten electrodes	1964
19640018454	X-band magnetic resonance plasma accelerator	1964
19640018455	An energy inventory in a coaxial plasma accelerator driven by a pulse line	1964
19640018456	Exhaust measurements on the plasma from a pulsed coaxial gun	1964
19640018457	Application of nuclear electric propulsion to advanced scientific missions	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640018458	Electrical propulsion for space missions- planning considerations	1964
19640018459	Auxiliary power generating system for a large space laboratory	1964
19640018460	Electrical power generation system require- ments for a logistics spacecraft	1964
19640018461	Design study of solar brayton cycle cavity receivers with lithium fluoride heat storage	1964
19640018494	Experiments on radiant energy conversion using thin dielectric films	1964
19640018495	Solar concentrator design and construction	1964
19640018496	Development of hydrogen-oxygen fueled 3-kilo- watt internal-combustion engine	1964
19640018497	Investigation of liquid mhd power conversion	1964
19640018499	New spectra of symbiotic stars	1964
19640018500	A report on some recent major element analyses of tektites	1964
19640018501	Blade-element performance of 0.7 hub-tip radius ratio axial flow-pump rotor with tip diffusion factor of 0.43	1964
19640018545	Sintering of metal oxides final report	1964
19640018546	Casting of beryllium - stainless steel and beryllium - columbium impact target composites summary report	1964
19640018547	The feasibility of building a 150-kilogauss, large volume superconductive magnet with vapor-deposited nb3sn ribbon final report	1964
19640018548	Development of a 30 kw three-phase ac arc jet propulsion system final report, 18 jan. 1963 - 17 jan. 1964	1964
19640018549	Observation of itinerant disturbances in the lower and upper ionosphere <sur l'observation de perturbations itinerantes dans l'ionosphere inferieure et superieure>	1964
19640018603	Design and performance study on a 500 kilowatt linear crossed-field air-plasma accelerator for a re-entry simulation facility	1964
19640018610	A compendium of data on some periodic comets	1964
19640018734	Nasa solar concentrator development	1964
19640018737	Ultraviolet spectroscopy of the upper atmosphere	1964
19640018738	Measurements of efflux patterns and flow rates from cylindrical tubes in free-molecule and slip flows	1964
19640018740	Gravitational collapse	1964
19640018791	Vapor pressure and vapor fractionation of silicate melts of tektite composition	1964
19640018793	Writing the technical report	1964
19640018797	Interplanetary Explorer Satellites	1964
19640018807	The effects of high altitude explosions	1964
19640018808	Minimum drag bodies with cross-sectional ellipticity	1964
19640018809	Accuracy of navigation in various regions of earth-moon space with various combinations of onboard optical measurements	1964
19640018810	Experimental evaluation of size effects on steady-state control properties of electron- bombardment ion thruster	1964
19640018821	Analysis of electron-ion mixing in ion engines final report, jun. 1962 - feb. 1964	1964
19640018823	Study of antenna problems associated with space vehicles second semi-annual progress report, 1 nov. 1963 - 30 apr. 1964	1964
19640018827	Mathematics of orbit determination	1964
19640018828	Lyman-alpha resonant scattering using random stokes vectors	1964
19640018830	Alkali metals boiling and condensing investi- gations. volume i experimental program final report, jan. 1, 1961 - jun. 30. 1962	1964
19640018832	Forming of integral ribs by cold press-extru- sion techniques	1964
19640018838	Amorphous phosphate coatings for thermal control of echo ii	1964
19640018839	Normal and oblique shock wave parameters for various dissociated upstream conditions in air with frozen composition across the shock	1964
19640018840	Zeeman effect and ruby laser polarization	1964
19640018841	Rocket-borne measurement of mid-latitude airglow and particle precipitation	1964
19640018842	Radiation characteristics of a planar broad- side array of directive elements	1964
19640018843	Spinor formulation of magnetogas dynamics	1964
19640018844	Tables of Normalized Spherical Functions and Their Derivatives, with the Logarithms of Their Values and Formulas for Expansion in Spherical Functions	1964
19640018845	Tracking and data acquisition for ranger missions 1-5	1964
19640018847	Univac 1107 exec ii user's manual. modified version of the univac system	1964
19640018848	The upper atmosphere of jupiter	1964
19640018849	Satellite situation report, volume 4, no. 14	1964
19640018915	Effect of pressure on metallurgical phenomena progress report no. 8, dec. 22, 1963 - jun. 30, 1964	1964
19640018917	Theory of liquid sloshing in compartmented cylindrical tanks due to bending excitation	1964
19640018918	Notes on magnetohydrodynamics, part 1 scien- tific report no. 218	1964
19640018919	Spinal motor responses to acoustic stimulation report no. 2	1964
19640018920	Conical afterbody effect on the rearward static stability of a blunt-nosed entry vehicle at mach 4.54	1964
19640018922	Pattern recognition- ii. ramp and rest two image analysis programs	1964
19640018923	A study of the use of vapor and vacuum depo- sition technique for the development of high strength filamentary materials quarterly progress report no. 1, 22 apr. - 22 jul. 1964	1964
19640018924	Investigation of perognathus as an experimen- tal organism for research in space biology second quarterly progress report, 1 apr. - 31 jul. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640018925	On the foundations of dynamical analyses of boost vehicles. ii the inhomogeneous problem	1964
19640018926	The accessible regions method of energy and flight time analysis for one-way ballistic interplanetary missions	1964
19640018927	A re-evaluation of w. h. w. wright's plates of the 1924 and 1926 opposition of mars	1964
19640018928	Threshold selection and detector performance with unknown noise covariance memorandum report 64-1	1964
19640018932	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for applications at -423 degrees f /-253 degrees c/ progress report 13, 1-31 jul. 1964	1964
19640018935	Thermal analysis of hermetically sealed nickel-cadmium cells for space applications	1964
19640018939	Analytical solutions for manned lunar landing trajectories	1964
19640018950	Power conditioning development for ion engines	1964
19640018962	The effects of coriolis acceleration during zero gravity flight on certain hematological and urinary and urinary in normal and labyrinthine defective subjects report no. 2	1964
19640018964	Nomographs for relativistic velocity transformation	1964
19640018965	Collatz bounds and the collocation method technical report no. 6	1964
19640018966	Study of biochemical fuel cells quarterly engineering progress report no. 5, 1 may - 31 jul. 1964	1964
19640018968	A study of methods for the design and analysis of sensitivity experiments quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640018971	Nonequilibrium Shock Front Rotational, Vibrational and Electronic Temperature Measurements	1964
19640018972	Investigation of electro-optic techniques for controlling the direction of a laser beam final report	1964
19640018973	Corrosive effects of pure and distilled water	1964
19640018977	Interdisciplinary space-oriented research program in the physical, life, and engineering sciences progress report, projects 2 through 11	1964
19640018979	Abstracts of papers <presented at the< tenth symposium /international/ on combustion, at the university of cambridge, england, august 17-21, 1964	1964
19640018980	Chemistry of living systems annual progress report, period ending jul. 1, 1964	1964
19640018981	A study of bonding between glass and plastic in glass-reinforced plastics- phase 1 fourth summary technical report, jun. 1, 1963 - jul. 31, 1964	1964
19640018982	Goddard orbit information systems	1964
19640018983	The orbiting solar observatory spacecraft	1964
19640018984	On the height of auroral absorption, ii	1964
19640018985	Preliminary investigation of a radioisotope fueled thermionic diode power system for the 0.5 to 3.0 kw power range requirements associated with electric propulsion devices	1964
19640018986	On oscillating sphere in a rotating viscous fluid	1964
19640019007	Theoretical research investigations in plasma physics and magnetogasdynamics final report	1964
19640019009	On the use of magnetohydrodynamics during high speed re-entry	1964
19640019011	Modification of radiometer type thermistor detectors final progress report	1964
19640019012	A Survey of Space Nuclear Propulsion	1964
19640019016	Stratospheric temperature patterns based on radiometric measurements from the tiros vii satellite	1964
19640019017	Tracking systems, their mathematical models and their errors. program description	1964
19640019019	Research and Development Study on DC to DC Converter Engineered Magnetics Model EMCR 131	1964
19640019020	A monte carlo study of the transport of neutrons resulting from proton-induced nuclear evaporation	1964
19640019021	Studies on the hill reaction activity of soluble chloroplast extracts quarterly progress report, 1 mar. - 1 jun. 1964	1964
19640019022	Investigation and analysis of the influence of perturbing forces on tracking of orbital vehicles	1964
19640019023	An integrated theory of linguistic descriptions special technical report no. 9	1964
19640019026	On radiative shock structure	1964
19640019027	Fluid amplifier application studies- research and development-fluid amplifiers and logic, phase ii summary report	1964
19640019028	On a class of approximation problems in signal design	1964
19640019032	Electric propulsion for spacecraft	1964
19640019033	Influence of Hydrazine and Hydrazine Derivates on Intermediary Metabolism	1964
19640019035	Multifilter system for water reclamation	1964
19640019037	A new measure of pole sensitivity of feedback systems scientific report no. 5	1964
19640019040	Equation of state and related properties of polymer and oligomer liquids	1964
19640019041	Research and development of an open-cycle fuel cell system eighth quarterly report, 1 apr. - 30 jun. 1964	1964
19640019044	Development of low temperature dielectric coatings for electrical conductors	1964
19640019045	The effect of non-standard approach sections on orifices and venturi meters	1964
19640019052	Thermal conductivity and radiant energy transport apparatus for nonelectrical conductors to 2000 degrees c	1964
19640019053	Equivalence classes of periodic sequences	1964
19640019054	Polymer degradation iii. carbon-14 as a tracer for studies of the thermal degradation of polyurethans	1964
19640019055	Surveyor lander mission and capability	1964
19640019056	The design of a very high power, very low noise cassegrain feed system for a planetary radar	1964
19640019057	Methods for obtaining velocity and range information from cw radars	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640019058	Space programs summary no. 37-28, volume vi for the period may 1, 1964 to june 30, 1964. space exploration programs and space sciences	1964
19640019059	Parabolic and elliptic waveguides considered by conformal mapping	1964
19640019060	Temperature variations in the upper atmosphere during geomagnetically quiet intervals	1964
19640019061	A photographic optical semidiameter of venus	1964
19640019071	Hypervelocity impact damage characteristics in armored space radiator tubes	1964
19640019074	A guidance-navigation separation theorem	1964
19640019075	Manual for fluxgate ferrite magnetometer	1964
19640019077	Four ferrite core magnetometers final status report, oct. 1, 1963 - may 15, 1964	1964
19640019078	Report on feasibility study of liquid-metal switch	1964
19640019079	Spinning symmetric missiles in a non-linear aerodynamic field	1964
19640019080	Orbit determination for a lunar satellite	1964
19640019083	<photographic patrol and study of the physical conditions on the moon and planets, including photoelectric and spectrographic studies< annual report, 1 jul. 1963 - 30 jun. 1964	1964
19640019084	Study of goddard range and range rate system for the advanced technological satellite second quarterly report, 1 jan. - 31 mar. 1964	1964
19640019085	Microstrain and low frequency hysteretic dislocation damping in copper single crystals	1964
19640019086	Development of a method for cleaning flexible stainless steel lines final report, 27, aug. 1963 - 27, apr. 1964	1964
19640019087	Theoretical noble-gas performances in an ideal constant-area shock tube	1964
19640019088	Theoretical and practical aspects of solar pressure attitude control for interplanetary spacecraft	1964
19640019089	A simple proof of the identity of landau's and van kampen's solutions of the linearized vlasov equation	1964
19640019090	Planetary approach guidance	1964
19640019091	Effect of grain size and impurities on tensile strength and ductility of tungsten from 2500 to 5000 degrees F in vacuum	1964
19640019092	A momentum-balance method for measuring the thickness of free liquid sheets	1964
19640019093	Total radiation heat transfer gage for hypervelocity shock tube experiments	1964
19640019094	Absorption of ultrasonic waves in lif crystals	1964
19640019096	Predicted acoustic effects at msfc of the static test firing of advanced saturn s-ic	1964
19640019252	Single Crystal Gallium Phosphide Solar Cells	1964
19640019257	Research and development of separators for silver oxide-zinc and silver oxide-cadmium cells for spacecraft application second quarterly report, sep. 27, - dec. 27, 1963	1964
19640019262	A multi-user computation facility for education and research	1964
19640019265	Abscissas and coefficients for the generalized gauss-laguerre quadrature formula using the zero ordinate	1964
19640019271	Radiative energy transfer on entry into mars and venus quarterly report no. 8	1964
19640019272	Electrolytic preparation of high dielectric thin films annual report, 27 jun. 1963 - 27 jun. 1964	1964
19640019276	Multifrequency antenna breakdown interim report, 5 jun. 1963 - 4 jun. 1964	1964
19640019278	Radio frequency interference test report. control data corporation 924-a computer system	1964
19640019279	A submillimeter interference spectrometer final technical report	1964
19640019280	Study of the normal fecal bacterial flora of man quarterly progress report, apr. 1 - jun. 30, 1964	1964
19640019281	Investigation of mechanical properties of chromium, chromium-rhenium, and derived alloys quarterly progress report no. 17	1964
19640019283	Theoretical and experimental investigations of electron density and collision frequency in the lower /d and e/ regions of the ionosphere by research rocket radio transmissions during the iqsy using differential absorption, fara- day rotation and mass	1964
19640019284	A study of the performance of linear and non- linear filters	1964
19640019285	The zodiacal light at 5300 angstroms	1964
19640019286	Binary couette flow with hydrogen injection into carbon dioxide and nitrogen streams	1964
19640019287	Experimental AB-5 Gyro Program	1964
19640019288	Development of hydrocarbon analyses as a means of detecting life in space quarterly report	1964
19640019289	Jpl tracking data editing program for the ibm 7094	1964
19640019290	Decay of strong plane shocks in an ideal gas	1964
19640019291	A.c. conductivity of a plasma	1964
19640019292	Crew performance during real-time lunar mission simulation	1964
19640019294	Analysis and design procedures for a flat, direct-condensing, central finned-tube radiator	1964
19640019298	Static aerodynamic characteristics of blunted cones and round-shouldered cylinders suitable for planetary entry vehicles at a mach-number range 1.65 to 9.00	1964
19640019299	Development of an active filter synthesis procedure summary report, 20 may 1963 - 20 may 1964	1964
19640019300	Liquid-vapor equilibrium in the system hydrogen-helium	1964
19640019302	Study of age deterioration of gasket materials installed in simulated launch vehicle hardware semiannual technical report	1964
19640019303	Adhesion between atomically pure metallic surfaces, part iii annual report /final/, 1963-1964	1964
19640019307	The concept of differential reflectivity as applied to a smooth moon semi-annual status report, 1 nov. 1963 - 30 apr. 1964	1964
19640019308	Development of a coaxial plasma gun for space propulsion	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640019309	Cathode lifetime studies final summary report	1964
19640019310	Explosive forming stress analysis, phase ii	1964
19640019311	Nasa s-1c 2219-t37 gore section explosive forming development program. summary of phase ii- sub-scale explosive forming	1964
19640019312	Nasa s-1c 2219-t37 gore section explosive forming development program. summary of phase iii- full scale explosive forming of apex and base gore segments	1964
19640019315	Distribution of energy in a shock tube driver	1964
19640019368	Reply <to sun's article on tektites<	1964
19640019422	Analysis of bonding mechanism between plasma- sprayed tungsten and a stainless steel sub- strate	1964
19640019423	A series solution for some periodic orbits in the restricted three-body problem according to the perturbation method	1964
19640019424	Boundary layers on rotating spheres and other axisymmetric shapes	1964
19640019425	Space medicine- scope, progress and applicability to other medical fields	1964
19640019426	Electron loss rate from the outer radiation belt	1964
19640019427	2s and 2p electron impact excitation in atomic hydrogen	1964
19640019428	Photographic Observations of the Airglow Layer	1964
19640019442	Space programs summary no. 37-28, volume iii for the period may 1 - june 30, 1964. the deep space network	1964
19640019445	Nozzle design criteria for a mach 4 low-densi- ty facility using carbon dioxide - with comments on mach 3, 6, 9 and 12 nozzles technical report, 31 dec. 1963 - 31 jul. 1964	1964
19640019446	Optimization study of high power static in- verters and converters quarterly report no. 3	1964
19640019449	Computer codes for the evaluation of space radiation hazards, volume i	1964
19640019450	Computer codes for the evaluation of space radiation hazards. volume 2- van allen radiation	1964
19640019451	Computer codes for the evaluation of space radiation hazards. vol. 3. apollo sector analysis	1964
19640019452	Computer codes for the evaluation of space radiation hazards. vol. 4. space radiation doses from electron bremsstrahlung radiation	1964
19640019453	Computer codes for the evaluation of space radiation hazards. vol. 5- electron monte carlo	1964
19640019454	Computer codes for the evaluation of space radiation hazards. vol. 6- electron trans- mission	1964
19640019455	Computer codes for the evaluation of space radiation hazards. vol. 7- space radiation doses from primary protons	1964
19640019456	Computer codes for the evaluation of space radiation hazards. vol. 8- space radiation doses from protons and their secondary radia- tions	1964
19640019457	Investigations of carbides as cathodes for thermionic space reactors final report	1964
19640019487	Measurements and improvements of two hydrogen masers quarterly progress report, mar. 1 - jun. 30, 1964	1964
19640019489	Groove guide measurements	1964
19640019490	Microwave spectrum, barrier to internal rota- tion, and quadrupole coupling constants of cis-1-chloropropylene	1964
19640019492	Feasibility study of an explosive gun final report	1964
19640019493	High-efficiency narrow-band laser pump final report, jan. 24, 1963 - feb. 28, 1964	1964
19640019494	Earth-mars trajectories, 1964, volume 1, part c	1964
19640019502	The solar extreme ultraviolet radiation /1-400 angstrom/	1964
19640019503	Development of the dry tape battery concept quarterly report no 2, 1 may - 1 aug. 1964	1964
19640019537	Heat-transfer measurements on a flat plate and attached protuberances in a turbulent boundary layer at mach numbers of 2.65, 3.51, and 4.44	1964
19640019538	Resonant interaction of vertically polarized plane electromagnetic waves with thin slabs of plasma	1964
19640019539	A rutile traveling wave maser	1964
19640019581	Ion rocket system research and development quarterly report, 1 jun. - 31 aug. 1964	1964
19640019582	Longitudinal characteristics of several configurations at hypersonic mach numbers in conical and contoured nozzles	1964
19640019589	Water recovery study, september 7, 1962 - march 7, 1964	1964
19640019590	Investigations of the Temperature and Spectral Emissivity Characteristics of Cloud Tops and of the Earth's Surface	1964
19640019591	Airborne range and orbit determination system. volume i- vehicle master oscillator and frequency synthesizer final report	1964
19640019593	Development of space-stable thermal-control coatings /paints with low solar absorptance/ emittance ratios/ triannual report, jan. 20 - jun. 20, 1964	1964
19640019595	Sufficient conditions for stability "in the large" of a nonlinear system of differential equations	1964
19640019596	Investigation of thermal shock resistance of zirconia with metal additions	1964
19640019597	A study of nonlinear longitudinal dynamic stability	1964
19640019599	Study of interface thermal contact conductance summary report	1964
19640019603	Mean diurnal variation of the topside iono- sphere at mid-latitudes	1964
19640019604	Three-dimensional guidance equations for quasi-optimum space maneuvers	1964
19640019607	Hydrogen-oxygen electrolytic regenerative fuel cells, january 18 - june 30, 1964	1964
19640019625	Tenth semiannual report to congress, july 1 - december 31, 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640019633	The surface temperature of a tropical island	1964
19640019635	A study of polymers containing silicon- nitrogen bonds annual summary report, apr. 4, 1963 - apr. 3, 1964	1964
19640019638	Ranger block iii launch constraints planning document, addendum no. 2	1964
19640019642	Free vibrations of the prestressed toroidal membrane report no. 474	1964
19640019643	A preliminary design guide of human engineer- ing criteria for maintenance and repair of advanced space systems /hecmar/	1964
19640019644	Rift radiation effects program- irradiations no. 5 and 8 electrical cables	1964
19640019649	A cold electron mass spectrometric ion source	1964
19640019651	Development of low temperature dielectric coatings for electrical conductors quarterly report no. 11	1964
19640019653	High voltage electron beam welding of aluminum alloys final report	1964
19640019654	High temperature thermocouple research and development program monthly progress report. no. 11, 1 apr. - 1 may 1964	1964
19640019656	On the capture, stability, and passive damping of artificial satellites	1964
19640019657	Development of new methods and applications of analog computation quarterly program report 64-2, 12 mar. - 12 jun. 1964	1964
19640019658	Photometric measurements of surface characteristics of echo i satellite final report	1964
19640019659	Study of the correlation between linear energy transfer and relative biological effectiveness final report, jul. 1963 - aug. 1964	1964
19640019660	Study on application of nuclear electrical power to manned orbiting space stations final summary report	1964
19640019693	Earth-Mars-Earth Ballistic Trajectory Data, 1975-1986. Volume I- Description and Application of Data	1964
19640019712	Lunar Landing Dynamics Systems Investigation	1964
19640019773	Nonlinear dynamics of thin shell structures quarterly status report no. 2, 15 apr. - 14 jul. 1964	1964
19640019774	Non-linear Theory for the Deformation of Pre-stressed Circular Plates and Rings	1964
19640019775	Pulsed electromagnetic gas acceleration fourth semi-annual progress report, 1 jan. - 30 jun. 1964	1964
19640019776	Theoretical studies on the relationships between the thermionic work function of refractory intermetallic compounds and their electronic and crystal structures progress report, 1 jan. - 31 jun. 1964	1964
19640019777	The effects of radiation on nickel-cadmium battery electrodes, ii mid-point report, 13 mar. - 13 jun. 1964	1964
19640019778	Two scattering problems involving moving media	1964
19640019779	Investigation of slip-ring assemblies final report, 5 mar. 1963 - 5 mar. 1964	1964
19640019780	A study of electrodynamic of moving media	1964
19640019782	A multitemperature boundary layer	1964
19640019783	The development and construction of two hydrogen masers interim technical report, 1 feb. 1962 - 31 may 1963	1964
19640019784	<automatic chromosome analysis system< quarterly progress report no. 4, 1 apr. - 30 jun. 1964	1964
19640019786	Solids mass spectrometer quarterly technical progress report no. 3, 4 may - 3 aug. 1964	1964
19640019787	A log periodic monopole antenna final report	1964
19640019790	Measurement of the complex shear modulus of a linearly viscoelastic material	1964
19640019791	Development of welding techniques and filler metals for high strength aluminum alloys progress report no. 33, 1 jan. - 31 mar. 1964	1964
19640019792	High chamber pressure operation for launch vehicle engines program final report, 1 apr. 1963 - 31 mar. 1964	1964
19640019793	Analysis of the effects of environmental conditions on the performance of charring ablators	1964
19640019794	Study of thin film large area photovoltaic solar energy converter quarterly report no. 3, 1 apr. - 30 jun. 1964	1964
19640019795	Research on a Superconducting Niobium-Thorium Eutectic Alloy	1964
19640019808	Extracellular Polysaccharides of Algae- Effects on Life-Support Systems	1964
19640019813	Study on application of nuclear electrical power to manned orbiting space stations. phase iii- snap-8 evaluation and development program recommendations third topical report	1964
19640019814	An automated model for predicting aerospace density between 200 and 60,000 kilometers above the surface of the earth	1964
19640019856	The restricted problem of three bodies	1964
19640019867	Forming aluminum for solar energy concentra- tors materials report, 1 oct. 1963 - 31 mar. 1964	1964
19640020099	Characteristics of Separators for Alkaline Silver Oxide Zinc Secondary Batteries. Screening Methods	1964
19640020113	Three-dimensional multiple beam analysis of a saturn 1 vehicle	1964
19640020119	Porous matrix phase separator evaluation final report, mar. 1963 - ju6. 1964	1964
19640020132	Adaptive-predictive modeling of nonlinear processes	1964
19640020133	Fuel cell research- an investigation of non- steady-state operation second semiannual report	1964
19640020134	Effective radius of a cesium atom in ground state and first excited state	1964
19640020135	On sound intensity and sound pressure levels	1964
19640020150	Astronomical image-integration system using a television camera tube	1964
19640020170	Geometrical and inertial properties of a class of thin shells of revolution	1964
19640020171	World atlas of photography from tiros satellites i to iv	1964
19640020172	Investigation of catalytic ignition of oxygen/hydrogen systems final report, 19 jun. 1963 - 19 apr. 1964	1964
19640020177	Vapor pressure and vapor fractionation of tektite melts	1964
19640020189	Superposition calculation of thick solenoid fields from semi-infinite solenoid tables	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640020244	Interaction of electromagnetic waves and classical plasmas monthly report no. 10	1964
19640020337	Aas-nasa symposium on the physics of solar flares	1964
19640020440	Thermal strain analysis of advanced manned- spacecraft heat shields fourth monthly progress report, 30 nov. 1963 - 6 jan. 1964	1964
19640020441	Thermal strain analysis of advanced manned- spacecraft heat shields fifth monthly progress report, 6 jan. - 30 jan. 1964	1964
19640020587	Rift data center manual report no. 406	1964
19640020591	Measurements of energetic electrons in the vicinity of the sunward magnetospheric boundary with explorer xiv	1964
19640020592	Analysis of log compression amplifier	1964
19640020593	Catalogue of satellite observations, no. c-39	1964
19640020594	Contributions to linear system theory	1964
19640020595	Experiments with magnetohydrodynamically supported shock layers	1964
19640020598	Details of wind structure from high resolution balloon soundings	1964
19640020602	Catalog of lunar craters	1964
19640020603	Saturn s-1c high pressure helium storage bottles final design report	1964
19640020606	Deformation of a purely elastic earth model under various tectonic loads technical report no. 1	1964
19640020607	<research in the conversion of various forms of energy by unconventional techniques< status report, jun. 1964	1964
19640020608	Design and Development of a Ten Nanosecond Semiconductor Switch First Quarterly Progress Report	1964
19640020610	Stable white coatings semiannual report jan. 2 - jul. 2, 1964	1964
19640020611	Investigations of space storable propellants first interim summary report, mar. 1963 - jan. 1964	1964
19640020646	Synthesis and polymerization of fluorinated sulfur modified nitroso rubber quarterly report, 1 oct. - 31 dec. 1963	1964
19640020648	Stress wave propagation in finite viscoelastic thin rod with a constitutive law of the hereditary type	1964
19640020689	Silver-cadmium battery development program	1964
19640020690	Continuous microwave magnetic accelerator summary report, 8 aug. 1963 - 7 aug. 1964	1964
19640020691	Study of fuel cells using storable rocket propellants quarterly report no. 2, 28 apr. - 27 jul. 1964	1964
19640020696	On the second-order solution of artificial satellite theory without air drag	1964
19640020697	A modern transistorized instrumentation system for acoustical data acquisition	1964
19640020698	Analysis of a frequency tracking square wave oscillator	1964
19640020916	The measurement and interpretation of ordinary power spectra for vibration problems	1964
19640020917	Utilization of acceptance data in a descriptive model for determining man's role in a system	1964
19640020921	Energy losses undergone by rare gases' fast ions /80 kev/ after collision with helium and neon atoms <pertes d'energie subies par des ions rapides /80 kev/ de gaz rares apres collision avec des atomes de gaz rares /helium, neon/ <	1964
19640021035	Matrix elements for polarized fermion scattering scientific report no. 1	1964
19640021077	Attitude sensor study	1964
19640021078	Laser materials- a tutorial review with bibliography	1964
19640021096	Magnetic induction plasma engine summary report	1964
19640021097	Electrothermal engine research and development, phase i summary report	1964
19640021098	Behavior of thin alkali metal layers on refractory metal substrates final report, 3 jun. 1963 - 2 jun. 1964	1964
19640021099	Study of capacitors for static inverters and converters quarterly report no. 4, may 16 - aug. 16, 1964	1964
19640021166	The effectiveness of three exit vane cascade configurations for vectoring the thrust of a ducted fan	1964
19640021174	Research on problems of ion beams formation from electron bombardment ion sources summary report	1964
19640021288	The probability of collision for momentum transfer of slow electrons in a nitrogen plasma afterglow	1964
19640021289	The uniform-stress spinning filamentary disk	1964
19640021290	A theoretical and experimental study of a superconducting magnetically-supported spinning body	1964
19640021291	Real-time compensation for tropospheric radio refractive effects on range measurements	1964
19640021292	The three body problem	1964
19640021293	The algebraic structure of the n-body problem	1964
19640021294	Monte carlo solution of radiant heat transfer in a nongrey nonisothermal gas with temperature dependent properties	1964
19640021295	Electrostatic thrusters for space propulsion, present and future	1964
19640021296	Effects of reduced gravity on nucleate boiling bubble dynamics in saturated water	1964
19640021297	Solar modulation effects on the primary cosmic radiation near solar minimum	1964
19640021298	Density variation and isopycnic layers	1964
19640021301	The solar spectrum from 50 angstrom units to 400 angstrom units	1964
19640021303	Cloud heights and nighttime cloud cover from tiros radiation data	1964
19640021304	The iron, magnesium, and calcium distribution in coexisting olivines and rhombic pyroxenes of chondrites	1964
19640021305	Space-cabin atmospheres, part i- oxygen toxicity a literature review	1964
19640021306	Nasa research on materials applicable to supersonic transports	1964
19640021307	Aerodynamic data on large semispan tilting wing with 0.6-diameter chord, single slotted flap, and single propeller rotating up at tip	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640021308	Longitudinal stability characteristics of low-aspect-ratio wings having variations in leading - and trailing-edge contours	1964
19640021309	Application of acoustic theory to prediction of sonic-boom ground patterns from maneuvering aircraft	1964
19640021310	Effect of skewed wing-tip controls on a highly swept arrow wing at mach number 2.03	1964
19640021311	Effects of compressibility and heat transfer on the laminar sublayer of the turbulent boundary layer	1964
19640021528	Effects of alloying on room-temperature tensile properties of tungsten-fiber- reinforced-copper-alloy composites	1964
19640021530	Laminar forced convection in rectangular channels with unequal heat addition on adjacent sides	1964
19640021537	Temperature, pressure, density, and wind measurements with the rocket grenade experiment, 1960 - 1963	1964
19640021538	Investigation of nonequilibrium flow effects in high expansion ratio nozzles. computer program manual topical report	1964
19640021539	Performance study of a repetitively pulsed two-stage plasma propulsion engine summary report	1964
19640021540	Development of high energy density primary batteries 200 watt hours per pound total battery weight minimum final report	1964
19640021541	Determination of the weldability and elevated temperature stability of refractory metal alloys fourth quarterly report, mar. 21 - jun. 21, 1964	1964
19640021542	Research and development of high-performance light-weight fuel cell electrodes third quarterly report, may 1 - jul. 31, 1964	1964
19640021634	Precision optical tracking system for advanced launch vehicles	1964
19640021635	Study of sphere motion and balloon wind sensors	1964
19640021637	Calibration tests of the msfc 14 x 14-inch trisonic wind tunnel	1964
19640021638	Active shielding concepts for the ionizing radiation in space final report, 1 sep. 1962 - 31 aug. 1963	1964
19640021639	Linear energy transfer spectrum of proton exposure on mercury mission ma-9 report no. 28	1964
19640021654	Fatigue-crack propagation in several titanium and stainless-steel alloys and one superalloy	1964
19640021656	Cerenkov scintillation counter measurements of the intensity and modulation of low rigidity cosmic rays and features of the geomagnetic cutoff rigidity	1964
19640021657	On the unity and origin of the australasian tektites	1964
19640021785	Fluid amplifier state of the art. volume i- research and development - fluid amplifiers and logic	1964
19640021786	Fluid amplifier state of the art. volume ii- bibliography	1964
19640021799	Brushless rotating electrical generators for space auxiliary power systems, volume i third quarterly report	1964
19640021800	Brushless rotating electrical generators for space auxiliary power systems, volume 2 third quarterly report	1964
19640021801	Brushless rotating electrical generators for space auxiliary power systems, volume 3 third quarterly report	1964
19640021802	Experimental condensing-flow stability studies	1964
19640021803	Apollo logistics support systems molab studies task order n-36 report on conceptual navigation system	1964
19640021804	Apollo logistics support systems molab studies- ground wave propagation on the lunar surface	1964
19640021805	Apollo logistics support systems molab studies electronic equipment packaging for a lunar mobile laboratory	1964
19640021806	Modulation of low-energy galactic cosmic-ray hydrogen and helium	1964
19640021807	Emission of extreme ultraviolet radiation from solar centers of activity	1964
19640021809	Ranger vii photographs of the moon. part i- camera "a" series	1964
19640021810	Processing of bulkhead segments for saturn v vehicles	1964
19640021811	The reduced three-body problem- a generalization of the classical restricted three-body problem	1964
19640021814	Digital ohmmeter	1964
19640021815	Reduction of fold-over errors in flux-gate magnetometers	1964
19640021816	An instrument for electronic differentiation of current-voltage characteristics	1964
19640021817	Heat-transfer distribution on 70 deg swept slab delta wings at a mach number of 9.86 and angles of attack up to 90 deg	1964
19640021818	Technique for synthesis of constant linear dynamical systems with a bang-bang controller	1964
19640022107	Alpha-cell direct-conversion generator	1964
19640022169	Experimental Laser Space Communications Program. Task I - Problem Definition, Volume I	1964
19640022278	Derivation of rotating flexible body linearized equations of motion	1964
19640022362	The shape of a magnetically rotated electric arc column in an annular gap	1964
19640022438	Lubrication analysis in turbulent regime first quarterly report	1964
19640022448	Study of unpowered personal transmitter techniques research contract status report, 1 feb. - 1 mar. 1964	1964
19640022467	Meteoric flux and density fields about a finite attractive center generated by a stream monoenergetic and monodirectional at infinity	1964
19640022468	Meteoric flux and density fields about an infinitesimal attractive center generated by a stream monenergetic and monodirectional at infinity	1964
19640022487	A simplified technique for determining deviation in the lunar transfer orbit ephemeris	1964
19640022488	A parametric study of constant thrust, electrically propelled mars and venus orbiting probes	1964
19640022489	Tensile coupon tests of cryoformed aisi 301 stainless-steel pressure vessels at cryogenic temperatures	1964
19640022490	Three-body collisional recombination of cesium seed ions and electrons in high-density plasmas with argon carrier gas	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640022491	On the use of single total- and static-pres- sure probes to measure the average mass velocity in thin rectangular channels	1964
19640022492	Technique for the simulation of lunar and planetary gravitational fields including pilot model studies	1964
19640022493	Aerospace medicine and biology a continuing bibliography, jun. - jul. 1964	1964
19640022512	Evaluation of the influence of load randomiza- tion and of ground-air-ground cycles on fati- gue life	1964
19640022513	Determination of less than 10 parts per million carbon in tungsten	1964
19640022514	Electromagnetic acceleration of a variable- mass plasma	1964
19640022515	Analysis of plastic thermal stresses and strains in finite thin plate of strain- hardening material	1964
19640022516	Gj of the /5s5p/ 3p1 level of cd and the /6s6p/ 3p1 level of hg by high-field double resonance	1964
19640022517	Prestressed monolithic and segmented brittle structures	1964
19640022518	The regularized explicit solution of the analytic n-body problem	1964
19640022520	Self-sealing structures for control of the meteoroid hazard to space vehicles	1964
19640022521	Angle-of-attack convergence of spinning bodies entering planetary atmospheres at large inclinations to the flight path	1964
19640022522	Cesium-cesium cross section and the lennard- jones parameters	1964
19640022523	Cesium ion-neutral scattering and ion mobility in the low field limit	1964
19640022524	Energy required for ion production by electron bombardment in helium, argon, and cesium	1964
19640022572	Propulsion development problems associated with large liquid rockets	1964
19640022573	Regularizations of the plane restricted three- body problem	1964
19640022574	Jpl intense field air core magnet	1964
19640022575	Development of the jet propulsion laboratory solar simulator, type a	1964
19640022576	A microcircuit 75-counter	1964
19640022578	Spectroscopic study of solar and planetary atmospheres semi-annual status report no. 2, 1 aug. 1963 - 1 feb. 1964	1964
19640022717	Development of a vapor-pressure-operated high- temperature sensor device second quarterly report, jun. 12 - sep. 11, 1964	1964
19640022718	Investigation of O3f2 and the hypergolic bipropellant lh2/lo2-o3f2	1964
19640022719	Alkali metals boiling and condensing investi- gations quarterly progress report no. 8, apr. 1 - jun. 30, 1964	1964
19640022722	Potential advantages of anisotropic super- conductors in "force-free" solenoids	1964
19640022723	Parametric performance analysis for interplanetary missions utilizing first- generation nuclear stages	1964
19640022724	Numerical integration of differential equations by power series expansions, illustrated by physical examples	1964
19640022725	Mass spectrometric investigations of the atmosphere between 100 and 227 kilometers above wallops island, virginia	1964
19640022726	Mean diurnal variation of the topside ionos- phere at mid-latitudes	1964
19640022728	Selected welding techniques, part ii technology utilization notes	1964
19640022729	Numerical Procedures for Stability Studies	1964
19640022774	9-1/2 foot diameter master and mirror	1964
19640022775	Space powerplant startup and transient operation simulation with direct-condensing radiator system topical report, jun. 1 - dec. 1, 1963	1964
19640022776	Development of high-temperature, high-current, alkali-metal, vapor-filled ceramic thyratrons and rectifiers quarterly progress report no. 1	1964
19640022777	The thermal analysis of anode and cathode regimes in an electric arc column quarterly progress report no. 5, 28 jun. - 1 oct. 1964	1964
19640022811	Design criteria and performance of a long life contact ion engine	1964
19640022812	Thin Film Solar Cells and Solar Cell Testing, Volume II Proceedings of the Fourth Photovoltaic Specialists Conference	1964
19640022825	Solar Array Shading and a Method of Reducing the Associated Power Loss	1964
19640022827	Aerospace medicine and biology a continuing bibliography, 23 aug. - 8 sep. 1964	1964
19640022914	Condensing pressure drop by improved lockhart- martinelli method	1964
19640022915	The phenomenon of hot-salt stress-corrosion cracking of titanium alloys	1964
19640022916	The effect of runway unevenness on the dynamic response of supersonic transports	1964
19640022917	Rotary, deployable space solar power supply	1964
19640022918	Reliability and redundant circuitry	1964
19640022919	Study of the general dynamics of the physical- chemical systems in mammals	1964
19640022920	The digital tape recorder analyzer	1964
19640022921	Computations for large, uniform circular arrays with typical element patterns	1964
19640022922	Effect of electron irradiation on some properties of the echo ii laminate	1964
19640022923	Flow and heat transfer between heated plates of finite length in a free-molecule flow environment	1964
19640022924	Two-dimensional flux and criticality calcula - tions for the plum brook reactor	1964
19640022925	Monte carlo solution for the characteristics of a highly rarefied ionized gas flowing through a channel with a transverse magnetic field	1964
19640022926	Influence of ring stiffeners on instability of orthotropic cylinders in axial compression	1964
19640022944	Follow-on investigation of a steady state hall current accelerator final report	1964
19640022971	Nonelastic strain recovery of copper single crystals after small prestrains	1964
19640022972	Lunar storage of small quantities of cryogenic fluids	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640022973	The use of gamma probing to determine the shielding effectiveness of space vehicles	1964
19640022974	Design, development, and fabrication of a reaction wheel utilizing a brushless dc motor monthly technical progress report no. 1, 1-30 jul. 1964	1964
19640022975	<field ion microscopic studies of tungsten and platinum> annual report, 1 jul. 1963 - 30 jun. 1964	1964
19640022976	Development of vibrocardiographic instrumen- tation final technical report	1964
19640022977	A study of atmospheric effects on sonic booms technical report 89	1964
19640022978	Chemical reactivity of hydrogen, nitrogen and oxygen atoms at temperatures below 100 deg third semiannual technical report	1964
19640022980	Fatigue studies of single crystal beryllium	1964
19640022981	Planetary physics vii- absorption and photo- ionization cross sections of atmospheric gases at intense solar emission lines- n2, o2, co2, co, a, and he	1964
19640022982	Research on elemental abundances in meteoritic and terrestrial matter summary progress report, 1 sep. 1963 - 31 aug. 1964	1964
19640022983	An exploratory study of simulation of liquid impact in space vehicle and booster tanks technical report no. 9	1964
19640023031	Aerodynamic effects of atmospheric composition	1964
19640023073	Analysis of a digital servosystem employing pulse frequency feedback	1964
19640023074	A digital compensator for automatic control systems	1964
19640023075	Special-purpose digital computer for thrust optimization control	1964
19640023076	Digital control system compensation to obtain continuous-system operation	1964
19640023077	Publications of the jet propulsion laboratory, july 1963 - june 1964	1964
19640023078	Space programs summary no. 37-28, volume iv for the period june 1, 1964 to july 31, 1964. supporting research and advanced development	1964
19640023080	A method for the determination of local heat flux from transient temperature measurements	1964
19640023081	The absolute spectral-energy distribution of canopus	1964
19640023082	A fiber optical system for space application	1964
19640023083	High-power cw radar transmitter	1964
19640023084	The analysis of uncooperative radar targets	1964
19640023085	The electrically propelled lunar logistic vehicle	1964
19640023086	Determination of some physical properties of the atmosphere of mars from changes in the doppler signal of a spacecraft on an earth- occultation trajectory	1964
19640023121	Effect of low density inert gas flush on oxygen-columbium reaction at 1500 deg f to 2000 deg f first quarter report	1964
19640023124	Solid state thermostat quarterly progress report no. 1	1964
19640023125	Development of macroscopic optical waveguide components progress report, aug. 1964	1964
19640023128	Automatic microscope. digital scanner and computer programming for biomedical research third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640023129	Measured effects of the various combinations of nuclear radiation, vacuum, and cryotempera- tures on engineering materials. volume ii- radiation-cryotemperature tests annual report, 9 nov. 1962 - 30 apr. 1964	1964
19640023131	Investigation of slip ring assemblies quarterly report no. 5, 15 apr. - 5 aug. 1964	1964
19640023133	Research on molecule-surface interaction. part iii. surface contamination final report, 1 jul. 1963 - 9 aug. 1964	1964
19640023134	<multidisciplinary space-related sciences and technology interim report, 18 nov. 1963 - 15 jun. 1964	1964
19640023135	Differential orbit improvement /doi-3/	1964
19640023147	Metallurgical bonding of plasma sprayed tungsten on hot molybdenum substrates	1964
19640023162	Gelling of liquid hydrogen final report	1964
19640023164	An investigation of mechanical properties of chromium, chromium-rhenium, and derived alloys	1964
19640023165	The nature of liquid film evaporation during nucleate boiling	1964
19640023166	Examination of onboard training for extended space flights	1964
19640023167	Heat transfer for laminar slip flow of a rarefied gas in a parallel-plate channel or a circular tube with uniform wall temperature	1964
19640023168	Flight evaluation of some effects of the present air traffic control system on operation of a simulated supersonic transport	1964
19640023169	An instability effect on two-phase heat transfer for subcooled water flowing under conditions of zero gravity	1964
19640023170	Approximate formulas for viscosity and thermal conductivity of gas mixture	1964
19640023171	Effects of purity and structure on recrystal- lization, grain growth, ductility, tensile, and creep properties of arc-melted tungsten	1964
19640023178	Hurricane modification- progress and pros- pects 1964	1964
19640023179	Drift effects on parameters of the upper f-region under daytime equilibrium condi- tions scientific report no. 221	1964
19640023181	Investigation of the effects of ionizing radiation on the central nervous system in vivo and in vitro	1964
19640023182	The scanning printer and its application to detailed analysis of satellite radiation data	1964
19640023183	An investigation of fluid extrusion of metals second quarterly report, oct. 1 - jan. 1, 1964	1964
19640023184	Bromine trifluoride method for oxygen in liquid alkali metals first quarterly report, jan. 1 - mar. 31, 1964	1964
19640023185	Study of viability of microorganism in simulated space final report, apr. 21, 1963 - may 31, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640023186	Vapor-filled thermionic converters mid-point report	1964
19640023202	Catalogue of satellite observations no. c-37	1964
19640023203	Catalogue of satellite observations no. c-38	1964
19640023204	Satellite orbital data	1964
19640023205	Coated metallic grains as a source of interstellar absorption lines	1964
19640023206	Optimum nuclear rocket start-up to develop full power at exact time with consideration of noise	1964
19640023207	Research on low density thermal insulation materials for use above 3000 deg f quarterly status report, 1 apr. - 30 jun. 1964	1964
19640023208	Basic studies on dispersion hardening quarterly report, 12 apr. - 11 jul. 1964	1964
19640023209	Relay I Trapped Radiation Measurements	1964
19640023210	Studies on the hill reaction activity of soluble chloroplast extracts quarterly progress report no. 6, 1 jun. - 31 aug. 1964	1964
19640023211	Approach to equilibrium in the cno bi-cycle	1964
19640023230	Experimental performance of a high specific impulse arc jet engine	1964
19640023243	A study of tungsten-technetium alloys quarterly progress report, 1 apr. - 1 jul. 1964	1964
19640023244	Correlation of launch-vehicle wind-tunnel aerodynamic noise with spacecraft flight vibration data /revision no. 1/	1964
19640023246	Cyclotron excitation of hydromagnetic emissions final report, 16 jan. - 16 apr. 1964	1964
19640023247	Research on processes for utilization of lunar resources summary report, 16 nov. 1963 - 15 jul. 1964	1964
19640023249	Radiation from harmonic sources in a uniformly moving medium	1964
19640023250	Investigation of light scattering in highly reflecting pigmented coatings quarterly report, apr. 1 - aug. 1, 1964	1964
19640023251	Planetary meteorology quarterly progress report no. 1, 20 apr. - 19 jul. 1964	1964
19640023252	A solar aspect sensor for sounding rockets	1964
19640023253	Infrared and proton nmr studies of metallic acetate complexes	1964
19640023254	A macroscopic waveguide medium for laser system components	1964
19640023255	Upper and lower bounds for rayleigh- schrodinger perturbation energies	1964
19640023257	A nonlinear recursive estimation procedure and its application to certain navigation problems	1964
19640023259	Spectroscopic study of solar and planetary atmospheres semi-annual status report, 1 feb. - 1 aug. 1964	1964
19640023260	Vaporization of thermionic refractory materials eleventh status report, 1 mar. - 31 may 1964	1964
19640023263	Protection requirements for the resistance of meteoroid penetration damage of interplanetary spacecraft systems	1964
19640023264	Development of macroscopic optical waveguide components seventh progress report, sep. 1964	1964
19640023265	Development of macroscopic optical waveguide components fourth progress report, may - jun. 1964	1964
19640023266	A suggested program of eclipse observations from the moon	1964
19640023267	Parameter optimization interim report no. 3, mar 1 - jun. 30, 1964	1964
19640023268	Satellite orbital data no. e-4	1964
19640023269	The tail of the magnetosphere	1964
19640023270	A system for measuring thermal expansion of metallic and non-metallic materials at cryogenic temperatures	1964
19640023271	Intercellular mobility of fluids within honeycomb-reinforced common bulkheads /bulkhead purging/	1964
19640023272	Research and development of separators for silver oxide-zinc and silver oxide-cadmium cells for spacecraft application fourth quarterly report, mar. 28 - jun. 27, 1964	1964
19640023273	Research and development study of the silver- cadmium couple for space application fourth quarterly progress report, apr. 1 - jun. 30, 1964	1964
19640023274	Some current and proposed theoretical studies of gravity at the university of maryland progress report, appendix b, 1 jan. - 30 jun. 1964	1964
19640023275	<respirometer and life support system for a potato in space environment< second quarterly status report, 4 may - 14 aug.1964	1964
19640023276	Chemistry of the atmosphere of the planet venus technical status report no. 4, 1 feb. - 31 jul. 1964	1964
19640023277	<an investigation of the effect of nucleation of slip at the surface on the flow and fracture of beryllium< quarterly progress report, 22 apr. - 21 jul. 1964	1964
19640023278	Breathing vibrations of pressurized partially filled tanks	1964
19640023281	<effects of high energy protons of biologic processes and living systems< semi-annual status report, jan. 15 - jul. 15, 1964	1964
19640023282	Pressure test of several models in air-carbon- dioxide mixtures in the 21-inch hypersonic wind tunnel	1964
19640023283	Studies of the fundamental chemistry, properties, and behavior of fuel cells semiannual progress report, 1 oct. 1963 - 31 mar. 1964	1964
19640023286	Investigation of sufficiency conditions and the hamilton jacobi approach to optimal control problems final report	1964
19640023288	Spectroscopic investigations of plasma properties quarterly summary report no. 1, 11 may - 10 aug. 1964	1964
19640023290	Ryan model 534 vehicle range extraction unit final report	1964
19640023291	Gamma-ray spectra analyzed by computer program using the peak area method	1964
19640023292	Techniques for superheterodyne receivers above 100 gigacycles final report	1964
19640023293	Extended study of high current switching devices annual summary report, 1 jul. 1963 - 30 jun. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640023294	Human factors information requirements for space system development quarterly status report, 1 apr. - 30 jun. 1964	1964
19640023295	Study of energy conversion systems summary report, 8 may 1963 - 15 jun. 1964	1964
19640023297	Research in photosynthesis quarterly report no. 5, 6 jun. - 6 sep. 1964	1964
19640023298	The velocity of faint meteors	1964
19640023299	Field effect transistors components irradiation test no. 3	1964
19640023300	Absolute photometry of the light of the night sky - the zenith intensity of haleakala /latitude n. 20.7 deg/ and at fritz peak /latitude n. 39.9 deg/	1964
19640023301	Test of the space-general nike-iroquois model in the jpl 20-inch supersonic wind tunnel	1964
19640023302	Captive dynamic-stability tests of the gemini abort-seat configuration in the jpl 20-inch supersonic wind tunnel	1964
19640023303	Test of the space-general nike-iroquois in the jpl 21-inch hypersonic tunnel	1964
19640023304	Force test of a cold-wall blunt-nose cylinder-flare model in air-carbon-dioxide mixtures in the jpl 2-inch hypersonic wind tunnel	1964
19640023305	Heat-transfer tests of the boeing shock-wave impingement models in the jpl 21-inch hypersonic wind tunnel	1964
19640023306	radio observation of jupiter status report no. 5, 1 feb. - 31 jul. 1964	1964
19640023308	An automatic synthesis program for optimal filters and control systems, program b final report	1964
19640023309	A probe assembly for the direct measurement of ionospheric parameters scientific report no. 223/e/	1964
19640023310	The light of the night sky- astronomical, interplanetary and geophysical	1964
19640023311	An introduction to advanced electronic concepts in launch operations	1964
19640023362	Research and development in fluid logic elements interim report no. 2, 1 mar. - 31 jul. 1964	1964
19640023363	Integrated research and training program in molecular biology /ultrastructure and electron microscopy/ annual progress report, 1963 - 1964	1964
19640023364	Ionospheric electron density and body potential measurements by a cylindrical probe	1964
19640023367	Fundamental research in solid state energy conversion processes semiannual technical summary report no. 2, 1 dec. 1963 - 31 may 1964	1964
19640023368	Research on molecule-surface interaction, part i- theoretical prediction of momentum and energy accommodation for hypervelocity gas particles on an ideal crystal surface final report, 1 jul. 1963 - 9 aug. 1964	1964
19640023369	Research on molecule-surface interaction. part ii- experiments on the formation of a shock tube driven molecular beam final report, 1 jul. 1963 - 9 aug. 1964	1964
19640023370	Dosimetric evaluation of data on the solid angle breakdown of shield thickness for the apollo vehicle	1964
19640023371	Ion Rocket System Research and Development	1964
19640023373	Study of terminal draining for liquid oxygen and liquid hydrogen propellants final summary report	1964
19640023374	Study of the normal fecal bacterial flora of man quarterly progress report, 1 jul. - 30 sep. 1964	1964
19640023375	Development of welding techniques and filler metals for high strength aluminum alloys, annual summary report, 27 jun. 1963 - 27 jun. 1964	1964
19640023376	Flux switching in multipath cores final report	1964
19640023377	Gravitational radiation from binary systems progress report, jan. 1 - jun. 30, 1964	1964
19640023378	continued research, relevant to meteorological satellites in advanced measuring techniques of high altitude fifth quarterly status report, 1 feb. - 30 apr. 1964	1964
19640023412	Vaporization of thermionic refractory materials twelfth status report, 1 jun. - 1 aug. 1964	1964
19640023413	Experimental and analytical investigation of an mgd power generation duct second quarterly progress report, 11 oct. 1963 - 11 jan. 1964	1964
19640023416	Bearing lubricant endurance characteristics at high speeds and high temperatures progress report no. 8, 1 jul. - 30 sep. 1964	1964
19640023417	Orientation of the rotation-axis relative to gravity- its influence on nystagmus and the sensation of rotation report no. 96	1964
19640023420	Satellite orbital data. research in space science	1964
19640023421	Feasibility study of a track-while-scan navigation concept final report	1964
19640023422	Detection techniques for tenuous planetary atmosphere second semiannual report, jan. 1 - jun. 1, 1964	1964
19640023426	Analog circuits for energy and fuel optimal control of linear discrete systems	1964
19640023427	Studies of manual control systems progress report no. 3, 19 oct. 1963 - 18 apr. 1964	1964
19640023462	Pressure measuring systems for closed cycle liquid metal facilities second quarterly report, 1 jun. - 31 aug. 1964	1964
19640023467	Advances in planetary radar location <uspekhi planetnoy radiolokatsii> review paper	1964
19640023470	Measurement of the ionosphere temperature beginning with the twilight fluorescence of aluminum oxide <mesure de la temperature de l'ionosphere a partir de la fluorescence crepusculaire de monoxyde d'aluminium>	1964
19640023597	Bubble behavior in liquids contained in vertically vibrated tanks technical report no. 4	1964
19640023687	Thermal performance and radio-frequency transmissivity of several ablation materials	1964
19640023688	Surface pressure and turbulent airflow in transverse rectangular notches	1964
19640023691	Quartz glass pressure vessels for hydrothermal studies	1964
19640023694	Precision tooling techniques technology utilization notes	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640023695	Precise lateral-adjustment instrument support	1964
19640023696	Hard-anodized aluminum laps	1964
19640023697	Machine for lapping spot faces	1964
19640023698	Instrument for determining squareness or perpendicularity	1964
19640023699	Tool for measuring deviation from parallel	1964
19640023700	Chamfering small holes	1964
19640023702	Precision lathe mounting ring	1964
19640023703	Development of high energy density primary batteries, 200 watt hours per pound total battery weight minimum first quarterly report	1964
19640023704	Error analysis of inversion techniques fourth quarterly report, 11 jan. - 10 apr. 1964	1964
19640023705	In-tower launch dynamics analysis final report	1964
19640023709	On the use of short arcs in orbit determination	1964
19640023712	Manned space flight network performance analysis for the sa-6 mission	1964
19640023721	Non-linear constant-profile waves in a cold plasma under an applied magnetic field	1964
19640023762	Magnetoresistance, superconductivity and the hall effect for inverter applications annual report, jun. 1963 - jun. 1964	1964
19640023764	Construction of a 60-inch lunar and planetary telescope	1964
19640023769	Conduct research on gas chromatographic systems to analyze certain chemical constituents of the surface of the moon progress report, 1 feb. - 31 jul. 1964	1964
19640023770	A dead weight pressure balance with extended range to 5000 psig final summary report	1964
19640023771	Solution representations for linear initial value problems	1964
19640023772	Research at the stanford center for radar astronomy semi-annual report no. 3, 1 jan. - 30 jun. 1964	1964
19640023774	Ionospheric winds- motions into night and sporadic e correlations	1964
19640023791	Heat flux study	1964
19640023854	Mechanics of geysering of cryogenics summary report, 1 jul. 1963 - 30 jun. 1964	1964
19640023855	Investigations relative to wind-induced oscillations of the saturn boosters in the vertical launch position /1 june 1963 thru 30 june 1964/. part iv- bibliography	1964
19640023857	Research on a ferroacoustic information storage system first quarterly report, jun. 10 - sep. 9, 1964	1964
19640023859	Development of photovoltaic standard cells for nasa	1964
19640023860	Oblique shock wave angle charts for a perfect gas /gamma equals 1.20, 1.26, 1.40, and 1.67/	1964
19640023861	Receiver techniques and detectors for use at millimeter and submillimeter wavelengths annual summary report, 1 sep. 1963 - 31 aug. 1964	1964
19640023873	Energy dependence of large-angle elastic alpha scattering from ar40, ar36, s32, si28, and o16	1964
19640023887	Rotary, deployable space solar power supply	1964
19640023888	The radial heat polynomials and related functions	1964
19640023890	The improvement of zinc electrodes for electrochemical cells first quarterly report, 12 jun. - 12 sep. 1964	1964
19640023891	Laser modulation at the atomic level monthly report no. 2, 1-31 august 1964	1964
19640023892	Laser modulation at the atomic level monthly report no. 3, 1 sep. - 30 sep. 1964	1964
19640023893	Investigation of problems associated with the detection of the lunar horizon from a space vehicle monthly progress report, 1 apr. - 1 may 1964	1964
19640023895	A comparative mission analysis for solar heated hydrogen propulsion system. volume i- system analysis final report	1964
19640023896	An investigation of selected types of radio wave absorption events in the auroral zone	1964
19640023897	Fuel-cell oxygen analyzer preliminary design study	1964
19640023898	Experimental investigation of ultra-high vacuum adhesion as related to the lunar surface first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19640023899	Space programs summary no. 37-29, volume vi for the period july 1, 1964 - august 31, 1964. space exploration programs and space sciences	1964
19640023953	Apollo logistics support systems molab studies- telemetry systems studies for a lunar mobile laboratory	1964
19640023962	Apollo logistics support systems molab studies- crew station conceptual study of locomotion panel display parameters and digit control for a lunar mobile laboratory	1964
19640023963	Development of large-internal-surface-area nickel metal plaques first quarterly progress report, 18 jun. - 18 sep. 1964	1964
19640023966	Apollo logistics support systems molab studies. microwave systems studies	1964
19640023983	Pneumatic nutator actuator motor first quarterly report	1964
19640023987	Optimization study of mass expulsion attitude control systems by means of advanced limit cycle techniques	1964
19640023988	Optimal variable-thrust rendezvous of a power- limited rocket between neighboring low- eccentricity orbits final report	1964
19640023990	Two-center coulomb integrals	1964
19640023991	Evaluation of cleaning processes utilizing radioisotopes	1964
19640023992	Redefinition of the macula neglecta in mammals report no. 97	1964
19640024003	A comparative mission analysis for solar heated hydrogen propulsion system. volume ii- mission analysis final report	1964
19640024004	Research and development on cells with bellows controlled electrolyte levels first quarterly report, 10 jun. - 10 sep. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640024005	A radar investigation of meteors of sub-visual magnitudes	1964
19640024006	Study of the growth parameters involved in synthesizing boron carbide filaments first quarterly report	1964
19640024007	Investigation of current degradation phenomenon in superconducting solenoids summary report, jun. 1963 - may 1964	1964
19640024008	Explosive forming and welding of honeycomb sandwich material	1964
19640024009	Highly ionized spectra of nitrogen and oxygen status report no. 2, 1 mar. - 31 may 1964	1964
19640024077	Differences in the character of c6 to c9 hydrocarbons from gaseous methane in low- frequency electric discharges	1964
19640024078	Evidence for a collision-free magnetohydro dynamic shock in interplanetary space	1964
19640024085	Sunflower i condenser-subcooler topical re- port, jun. 1960 - aug. 1962	1964
19640024086	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum first quarterly report, 1 jul. - 1 oct. 1964	1964
19640024090	Research and development in cds photovoltaic film cells first quarterly report, may 19 - aug. 19, 1964	1964
19640024091	Thermal design and thermal data analysis of sa-5 payload	1964
19640024096	Gas-pressure bonding of stainless steel- reinforced beryllium hypervelocity impact targets summary report	1964
19640024099	On the height of auroral absorption, i	1964
19640024100	Charts for estimating rotary wing performance in hover and at high forward speeds	1964
19640024101	Tables for estimating rotary wing performance at high forward speed	1964
19640024102	Preliminary experimental investigation of a double capacitor coincidence discharge-type microheteoroid penetration sensor	1964
19640024103	Heat-transfer and pressure measurements on a preliminary project fire model at mach 3.51	1964
19640024104	Analytical investigation of reduction in turbulent skin friction on a flat plate by means of air injection through discrete slots	1964
19640028043	Entropy Production in Vibrational- Nonequilibrium Nozzle Flow.	1964
19640028302	Atmospheric Turbulence and Airplane Response in Convective-Type Clouds.	1964
19640028515	A Calorimeter Study of a Magnetically Stabilized Arc-Heater.	1964
19640028898	Latitudinal Distribution of Cloud Cover from Tiros III Photographs.	1964
19640029080	Controlling the Liquid-Vapor Interface Under Weightlessness.	1964
19640030394	Guanine - formation during the thermal polymerization of amino acids.	1964
19640030883	Oscillation of the Geomagnetic Field Lines and Associated Magnetic Perturbations at Conjugate Points.	1964
19640031399	SNAP-8 Electrical System	1964
19640032765	A Coincidence Technique for Paper Chromatography.	1964
19640032934	Procedures Necessary for the Prevention of Planetary Contamination.	1964
19640033128	Multiple-beam interferometry in the vacuum ultraviolet.	1964
19640033285	A Study of Hypersonic Aircraft.	1964
19640033382	Investigation of Problems in Thermal Convection - Rigid Boundaries.	1964
19640036248	Middle Ultraviolet Day Radiance of the Atmosphere.	1964
19640037465	Synthesis of Deoxyadenosine Under Simulated Primitive Earth Conditions.	1964
19640037733	Geomagnetic Control of Diffusion in the Upper Atmosphere.	1964
19640039055	Bacteria Under Simulated Martian Conditions	1964
19640039056	Multivator - a Biochemical Laboratory for Martian Experiments.	1964
19640039057	"Gulliver" - an Experiment for Extraterrestrial Life Detection and Analysis	1964
19640039085	Biological Contamination of Mars. I - Survival of Terrestrial Microorganisms in Simulated Martian Environments	1964
19640039086	Some Biological and Physical Factors in Dry Heat Sterilization - A General Review	1964
19640039089	Problems in Sterilization of Unmanned Space Vehicles	1964
19640039219	Initial Results of the Imp 1 Magnetic Field Experiment.	1964
19640039235	Water in Tektite Glass	1964
19640039877	Simple Technique for Achieving Ultra-High Vacuum in a Proton Accelerator.	1964
19640039891	Power for the Mach 3 SST	1964
19640039892	SST Materials.	1964
19640040199	Magnetic Riveting	1964
19640040658	Vibrational Characteristics of Thin-Wall Conical Frustum Shells	1964
19640040665	Mismatch Stresses in Pressure Vessels.	1964
19640040683	Free-Flight Investigations of Subliming Ablators and Transpiration Cooling at Hypersonic Velocities.	1964
19640040784	Intermolecular-Force Effects on the Thermodynamic Properties of Helium with Application.	1964
19640040968	Silicon Oxynitride - a Meteoritic Mineral.	1964
19640041051	Entry into Planetary Atmospheres.	1964
19640041052	The Entry-Communications Problem.	1964
19640041149	Trapped Particles in a Distorted Dipole Field.	1964
19640041150	Solar Cycle Changes in Inner-Zone Protons.	1964
19640042018	Test Techniques Used by NASA for Investigating Dynamic Stability Characteristics of V/STOL Models.	1964
19640042020	Some Recent Developments in Flutter of Flat Panels.	1964
19640042024	A Forced-Oscillation Method for Dynamic- Stability Testing.	1964
19640042593	The Red Line of Atomic Oxygen in the Day Airglow.	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640043593	The Effect of Prolonged Acceleration on Eating and Performance.	1964
19640043663	Effects of Deceleration on Rats Exposed to Prolonged Centrifugation.	1964
19640044115	Elucidation of the pathway of lactate-carbon metabolism in serratia indica	1964
19640044522	Study of large launch vehicles using solid first stages. volume vi- vehicle optimization studies over a range of payload weights final report	1964
19640045074	Studies of touchdown stability for lunar landing vehicles	1964
19640045075	A study of dielectric covered shunt slots in a waveguide	1964
19640045076	Technique for arraying large numbers of yagi disk antennas	1964
19640045077	The space particulate radiation environment and its effects on microelectronics	1964
19640045191	Nova vehicle systems study, part i, conceptual design /volume i/	1964
19640045218	Results of Saturn 1 Block 1 Launch Vehicle Flight Tests	1964
19640045409	Status and progress report, oak ridge national laboratory, december, 1963	1964
19640045539	Development and evaluation of large-scale rva and cfz graphite interim engineering progress report, 1 sep.-31 dec. 1963	1964
19640045541	Auditory masking, a study of its physiological mechanism and of correlations between physiological and psychological observations progress report	1964
19640045684	An analysis of a transistor d.c. feedback amplifier suitable for rocket probe instrumentation ionospheric research	1964
19640045713	The development of a thermionic converter module suitable for liquid metal heating <15 sep. - 15 dec. 1963<	1964
19640045811	Exploratory studies of fluid injection into propulsion nozzles for thrust augmentation	1964
19640045826	Base Heating and Base Pressure Investigation of a 5.5-Percent-Scale Titan III, Phase III	1964
19640045841	Experimental research on techniques for determination of magnetic properties of lunar and planetary materials second progress report, apr. 1, 1963 - dec. 31, 1963	1964
19640045860	A forced-oscillation method for dynamic- stability testing	1964
19640045941	Development of an analytic model for environmental resistance inherent in equipment final report	1964
19640046084	AS-Plasma Sprayed Diffusion Bonding Between Tungsten and Cool Stainless-Steel Substrates	1964
19640046170	Crew safety aspects of the saturn apollo launch vehicle	1964
19640046186	Oak ridge national laboratory status and progress report, january 1964	1964
19640046188	Investigation of mechanical properties of chromium, chromium-rhenium, and derived alloys fifteenth quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640046208	Investigation of the effects of ionizing radiation on the central nervous system in vivo and in vitro second quarterly progress report, 19 oct. 1963 - 18 jan. 1964	1964
19640046215	Interaction of high-energy gas molecules with solid surfaces status report no. 2, 9 oct. 1963 - 9 jan. 1964	1964
19640046228	Pressure Distribution Tests of the Dyna Soar X-20A Configuration with Redesigned Control Surfaces at Mach 10	1964
19640046229	Hypersonic stability and performance characteristics of a family of modified conoids	1964
19640046230	Effects of a gap at the leading edge of a fin root on the aerodynamic characteristics of the full scale atsan missile	1964
19640046245	High pressure rocket engine feasibility program quarterly progress report no. 9, 26 sep. - 25 dec. 1963	1964
19640046281	Interdisciplinary space-oriented research in the physical, life, and engineering sciences progress report	1964
19640046284	Research in the physics of high speed re-entry quarterly progress report, 31 dec. 1963	1964
19640046296	Design, prototype fabrication and testing of large scale controllable thrust liquid oxygen/ liquid hydrogen injector system <final report< feb. 1962 - sep. 1963	1964
19640046297	Design study of a hybrid hover motor. volume ii- development plan and cost estimate final report	1964
19640046329	Longitudinal stability and control tests of an asd-norair blunt-lifting-body re-entry configuration at mach number 20	1964
19640046332	Development of high energy solid propellants <quarterly report no. 2<	1964
19640046341	Joining of refractory metal foils sixth quarterly progress report, 1 oct. - 31 dec. 1963	1964
19640046343	A technological assessment of manned orbiting laboratories	1964
19640046344	Study of reignitable solid propellant grains leading to extinguishable and restartable solid propellant rocket motors fourth quarterly progress report, 23 oct. 1963 - 22 jan. 1964	1964
19640046346	A program of ion source research and development quarterly progress report no. 3, 1 oct. - 1 jan. 1964	1964
19640046388	Investigation to determine feasibility of the non-reentry module concept for crew escape final report	1964
19640046438	Research on high temperature plasma in czechoslovakia and its future outlook	1964
19640046493	Ground wind-induced loads on launch vehicles technical documentary report, dec. 1960- mar. 1962	1964
19640046502	Infrared spectrum shifter	1964
19640046510	High temperature extrusion lubricants sixth interim technical progress report, 9 oct. 1963 - 9 jan. 1964	1964
19640046511	An experimental heat-transfer investigation in regions of flow separation at mach number 8	1964
19640046514	Fin-gap effects on the longitudinal stability and axial-force characteristics of a finned ogive-cylinder model at transonic speeds	1964
19640046527	Development of improved processes for filament wound reinforced plastic structures interim technical documentary progress report, i nov. 1963-31 jan. 1964	1964
19640046542	The problem of the accommodation energy of molecules in heterogeneous gas reactions <le probleme de l'accommodation energetique des molecules dans les reactions heterogenes de gaz sur les solides	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640046544	A necessary and sufficient condition for a class /zeta/ to be a class /eta/	1964
19640046545	On the inner problem in the case of a curved space-time of spherical symmetry	1964
19640046549	Rift monthly technical progress report, no. 18, december 1963	1964
19640046553	Changes in work function of metals due to gas adsorption <die anderung der austrittsarbeit von metallen durch eine gasadsorption	1964
19640046561	Experimental studies on soaring flight	1964
19640046562	Experimental methods for studying gas reaction mechanisms at the surface of metals <sur les methodes experimentales d'etude du mecanisme des reactions de gaz a la surface des metaux	1964
19640046563	Mass spectrometric study of the mechanism of production and depletion of methyl-free radicals at the surface of metals <etude par spectrometrie de masse du mecanisme de production et de disparition radicaux libres methyle a la surface des metaux<	1964
19640046564	Advantages of the carbon-emitting cathodes in the presence of oxygen-rich gases <avantages des cathodes emettrices de carbone en presence de gaz oxygenes<	1964
19640046565	Candide- overall plan for possible developments of linkage of the cetis analog digital computers	1964
19640046566	Effect of vibration on the organism <wplyw wibracji na ustroj<	1964
19640046568	Contribution to the study of the erosive burning of composite rocket grains <contribution a l'etude de la combustion erosive des poudres composites<	1964
19640046569	American hesitations regarding supersonic transport <hesitations americaines devant le transport supersonique<	1964
19640046576	Research in fluoro-nitro compounds quarterly report no. 18, 1 oct. - 31 dec. 1963	1964
19640046584	Research in high-energy oxidizers quarterly progress report, 10 sep. - 10 dec. 1963	1964
19640046600	Theory of heterogeneous reactors in the dynamical knudsen flow regime <theorie des reacteurs heterogenes en regime dynamique de knudsen<	1964
19640046601	Statistical analysis of a heterogenious reactor operation in the dynamical knudsen regime <analyse statistique du fonctionnement d'un reacteur heterogene en regime dynamique de knudsen<	1964
19640046602	The influence of emotional states on blood coagulation <l'influence des etats psychiques sur la coagulation du sang<	1964
19640046603	Vapor pressure measurements and low-temperature thermometry <uber dampfdruckmessungen und thermometrie bei tiefen temperaturen<	1964
19640046607	Preparation and properties of some pentafluorophenyltin compounds	1964
19640046627	Development of high temperature ceramic rectifiers, thyratrons, and voltage regulator tubes quarterly report no. 2, 26 sep. 1963- 25 dec. 1963	1964
19640046632	Some considerations and pressure measurements on safety containers during an explosion - ii	1964
19640046638	Environmental testing of satellite-borne instruments	1964
19640046639	Space radio patrol	1964
19640046640	B-58a minimum control speed test	1964
19640046641	C-130e category ii performance tests	1964
19640046643	Quartz lamp radiant heat brazing of large refractory metal honeycomb sandwich panels interim engineering progress report, 10 oct. 1963 - 10 jan. 1964	1964
19640046651	Inductive reasoning by machine	1964
19640046674	Afttc real-time range data acquisition and transmission system	1964
19640046675	Cargo handling system a/a32h-4	1964
19640046683	Research on hypersonic flow- september 1960 to september 1963 <final report<	1964
19640046714	Delta monthly technical progress report, january 1964, issue no. 57	1964
19640046716	Recovery of lunar vehicles - geometric constraints on trajectories	1964
19640046726	Thermal profiles of the delta spacecraft fairings, volume ii	1964
19640046733	Mass Spectrometric Detection of Free Radicals Formed in Heterogeneous Reactions	1964
19640046744	Flight qualification of ribless guide surface drag parachute to produce low lift to drag ratios	1964
19640046745	Singular network elements	1964
19640046746	Algebraic theory of non reciprocal networks	1964
19640046748	An investigation of the fatigue behavior of tantalum including the effect of strain aging	1964
19640046780	Monthly project progress report, month ending january 15, 1964 including tentative schedule of operation for the test facilities	1964
19640046798	Study and investigation of polarization programming interim report no. 2	1964
19640046799	Polarization in beyond-the-horizon tropospheric propagation of electromagnetic waves	1964
19640046800	Detailed development of statistical channel model	1964
19640046801	Some second order distributions of fading	1964
19640046803	The level of microbial contamination in a clean room during an eleven week test period	1964
19640046804	Liquid alkali metal investigation quarterly letter report no. 7, 1 oct. - 31 dec. 1963	1964
19640046805	Investigation of the superconducting properties of transition metal alloy systems second quarterly report, 7 sep.-7 dec. 1963	1964
19640046806	Ecologic relationships between bacteria and algae in photosynthetic gas exchangers quarterly status report no. 2, 1 nov. 1963- 31 jan. 1964	1964
19640046807	Plasmas and space physics	1964
19640046808	Vestibular habituation during repetitive complex simulation- a study of transfer effects	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640046811	Mass transfer cooling in nitrogen and carbon dioxide gas streams semi-annual progress report	1964
19640046814	High temperature gas chromatography substrates <9 oct. 1962-9 oct. 1963<	1964
19640046817	Free fall drop tests of f-100d ejection seat occupied by an articulated dummy or live jumper	1964
19640046820	Study of failure mechanisms in high-power radio-frequency generating devices second quarterly report, 30 jul. 1963 - 29 oct. 1963	1964
19640046829	Monthly project progress report	1964
19640046859	A study of the absorption spectra of metal oxides in the infrared region 700 to 240 cm minus 1 technical documentary report, jan. 1963-sep. 1963	1964
19640046862	Low temperature yield behavior of the body-centered cubic transition metals	1964
19640046868	Establishment of manufacturing methods for crossed-field amplifiers at p-, s-, and x-bands interim engineering progress report <no. 6<	1964
19640046870	Manufacturing technology for large monolithic fiberglass reinforced plastic rocket motor case interim engineering progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640046876	Oak ridge national laboratory status and progress report, february 1964	1964
19640046880	Development of stabilized porous tungsten ion emitters final report	1964
19640046881	Out-of-core nuclear thermionic study second quarterly report, 1 oct. - 31 dec. 1963	1964
19640046885	Development of neutron activation analysis procedures for the determination of oxygen in potassium first and second quarterly report, period ending dec. 26, 1963	1964
19640046886	Development of seals and sealants for use at cryogenic temperatures quarterly report no. 8, 1 oct. - 31 dec. 1963	1964
19640046894	Cavitation damage in liquid metals progress report, 2 oct. 1963 - 2 jan. 1964	1964
19640046900	Leaky wave radiation from periodically slotted waveguide - a re-examination	1964
19640046903	High energy particle detector final report	1964
19640046916	Electrostatic Gyroscopes for Spacecraft Final Report	1964
19640046919	Detailed Test Objectives for Delta Launch Vehicle Spacecraft- S-66	1964
19640046926	Delta Range Safety Trajectory and Aerodynamic Data for the Delta S-66 Spacecraft Mission, Volume I	1964
19640046933	Delta Range Safety Land Impact Probability Study for the S-66 Spacecraft Mission	1964
19640046950	Yhu-id category i performance, stability and control tests	1964
19640046953	An instrument for measuring model pressures in a low density wind tunnel technical documentary report, apr. 1960 - aug. 1963	1964
19640046954	Large segmented fiberglass reinforced plastic rocket motor cases interim engineering progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640046956	Refractory alloy foil rolling development program phase iv report, 20 may 1963 - 31 jan. 1964	1964
19640046957	The stresses in a spherical shell containing a crack	1964
19640046959	Flight report for vehicle s/n 20010/20012/20101, delta program - mission no. 21, spacecraft- imp a /s-74/	1964
19640046964	Solubility and diffusion studies of ultra pure alkali metals second quarterly report, 29 sep. - 28 dec. 1963	1964
19640046967	Applied research on high resolution film scanning third quarterly interm report < 1 nov. 1963 - 1 feb. 1964	1964
19640046970	Aerodynamics of the free and forced osillation of a disk at subsonic speeds	1964
19640046971	Thermal stress determination techniques for super sonic transport aircraft structures. part ii- design data for sandwich plates and cylinders under applied loads and thermal gradients technical documentary report, 15 jun. 1962 - 31 jul. 1963	1964
19640046974	Feasibility of Simulating Environments for Meaningful Evaluation of Ablating Materials Quarter Progress Report No. III, 1 Nov. 1963 - 31 Jan. 1964	1964
19640046975	Hypervelocity impact experiments summary report, 1 dec. 1962-31 aug. 1963	1964
19640046976	High energy solid oxidizer production process interim report, 1 nov. 1963-31 jan. 1964	1964
19640046977	Wind tunnel force and dynamic stability tests of tactical pershing missile configurations at supersonic mach numbers	1964
19640046985	Study of satellites for navigation	1964
19640046988	Failure criteria for viscoelastic materials semi-annual status report, 1 jul. 1963 - 31 dec. 1963	1964
19640046990	Investigation of surface energy states of single-crystal metals final report, 15 feb. - 15 dec. 1963	1964
19640047011	Theoretical and experimental investigation on modulation inducing retrodirective optical systems monthly progress report no. 9, 21 jan. 1964 - 21 feb. 1964	1964
19640047012	Reusable nuclear ferry vehicle preliminary design study. volume i technical report	1964
19640047013	Reusable nuclear ferry vehicle. preliminary design study. volume ii summary	1964
19640047014	Reusable nuclear ferry vehicle. preliminary design study condensed summary	1964
19640047015	Longitudinal stability and axial-force characteristics of an annular fin missile at transonic speeds	1964
19640047016	Problem assignment no. co4ae13-6, part 2, analysis of anthropometric data on naval aviators- the integrated anthropometric device in naval aviation	1964
19640047023	Autoscan, an automatic satellite/computer aid to navigation	1964
19640047027	The oxygen-fluorine radical and high pressure reactions of nitrogen fluoride first annual report, 1 feb. 1963 - 1 feb. 1964	1964
19640047028	The oxy-fluoride radical- photolysis	1964
19640047029	The oxy-fluoride bond- electrolysis of wet hydrogen fluoride	1964
19640047030	High pressure reactions of difluorodiazine	1964
19640047051	Cosmic ray collisions in space status report no. 1 <3 jul. 1963-3 jan. 1964<	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047052	Production of low energy /0-500 mev/ cosmic ray protons by collisions of cosmic rays with interstellar gas protons	1964
19640047053	Charged pion decays in space	1964
19640047054	High energy secondary gamma spectrum from ultrahigh energy cosmic ray collisions	1964
19640047061	Flox in Atlas Oxidizer System 6th and Final Monthly Progress Report, 30 Dec. 1963 - 31 Jan. 1964	1964
19640047063	Medium Space Vehicles Programs Monthly Progress Report, Jan. 1964	1964
19640047071	Flight Evaluation and Performance Analysis Report for A-12 Mission	1964
19640047076	Capabilities of msfn for apollo guidance and navigation final report	1964
19640047080	Energy dissipation characteristics in tissue for ionizing radiation in space progress report no. 5, 1 dec. 1963 - 29 feb. 1964	1964
19640047081	Delta monthly technical progress report	1964
19640047084	The international colloquium on medical mycology, antwerp, belgium, 6-8 december 1963	1964
19640047085	Research on the precise caloric, protein and water requirements of young men selected to simulated space stresses and to evaluate foods planned for long-term space flight quarterly informal progress report no. 4, 11 nov. 1963 - 11 feb. 1964	1964
19640047087	Thermal stress determination techniques for supersonic transport aircraft structures. part 111- computer programs for beam, plate, and cylindrical shell analysis technical documentary report, 15 jun. 1962 - 31 jun. 1962 - 31 jul. 1963	1964
19640047088	Thermal stress determination techniques for supersonic transport aircraft structures part 1- a bibliography of thermal stress analysis references, 1955-1962 technical documentary report, 15 jun. 1962 - 31 jul. 1963	1964
19640047089	Theory and application of the scattering matrix	1964
19640047112	Termination characteristics of the thiokol tx13-33 solid-propellant rocket motor at simulated altitude	1964
19640047115	Atmospheric control systems for space vehicles	1964
19640047118	Transient radiation effects on electronic parts seventh quarterly progress report, 1 oct. - 31 dec. 1963	1964
19640047120	Microbial contamination of air force petroleum products	1964
19640047121	Process development for deformed metastable austenitic ultrahigh-strength steel interim technical documentary progress report no. 5, 1 nov. 1963 - 31 jan. 1964	1964
19640047124	Research and development of a hot gas flight stabilization system	1964
19640047140	Research and development of a hot gas flight stabilization system final report	1964
19640047154	Molecular beams surface interaction <progress> report, 7 dec. 1963 - 7 feb. 1964	1964
19640047165	Radio frequency evaluation of sa-4 vehicle	1964
19640047167	Apollo conditioned oxygen leak check system evaluation	1964
19640047170	Saturn v launch support equipment. general criteria and description	1964
19640047175	Application of finite viscoelastic theory to the deformation of rubberlike materials. i. uniaxial stress relaxation data	1964
19640047176	Evaluation program for nickel cadmium sealed cells. general performance test of sonotone corporation 5.0 ampere hour "f" cells	1964
19640047179	Radio systems division quarterly progress report no. 10, oct. - dec. 1963	1964
19640047182	Operations analysis of advanced lunar transportation systems condensed summary report <18 feb. 1963 - 29 feb. 1964<	1964
19640047184	Phase relations between sinusoidal ocular displacement and parallel swing displacement in normal and labyrinthine-defective subjects	1964
19640047187	Alkali metals boiling and condensing investigations, volume ii quarterly progress report 5, jul. 1 - sep. 30, 1963	1964
19640047190	Alkali metals boiling and condensing investigations, volume i quarterly progress report 5, jul. 1 - sep. 30, 1963	1964
19640047195	Long lived electromagnetic relays quarterly report no. 4, 15 oct. 1963 - 15 jan. 1964	1964
19640047196	Scattering of electromagnetic waves by an anisotropic plasma-coated conducting cylinder	1964
19640047198	Exploration and evaluation of new glasses in fiber form bi-monthly progress report no. 1 of third contract year, 1 jan. - 29 feb. 1964	1964
19640047199	Transonic wind tunnel test of two pitot-static probes designed for pressure-error compensation on the rf-4c /rf-110/ aircraft	1964
19640047200	Identification of food dyes by light absorption measurements in the visible and in the ultraviolet regions of light	1964
19640047201	Characteristic matrices of the basic transistor circuit	1964
19640047202	Isonitriles, i. preparation of isonitriles from monosubstituted formamides by means of dehydration	1964
19640047204	Instrumentation plan for saturn i, block ii, research and development vehicles	1964
19640047205	Algol solid rocket motor program thirty- second monthly progress report, jan. 1964	1964
19640047207	Control, stability and nonlinear oscillations quarterly report for two quarters, 26 aug. 1963 - 26 feb. 1964	1964
19640047208	Continuous microwave magnetic accelerator quarterly progress report, 8 nov. 1963 - 7 feb. 1964	1964
19640047209	A summary of research relating to polymer fracture at some foreign laboratories	1964
19640047224	Manufacturing methods for high temperature coating of large molybdenum parts interim engineering progress report, 1 nov. 1963- 31 jan. 1964	1964
19640047225	Millimeter wave component development /beam- plasma amplifier/	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047229	Optical and radar investigations of simulated and natural meteors semiannual progress report no. 1, 15 aug. 1963-15 feb. 1964	1964
19640047230	<advanced vehicle technology< second monthly technical progress letter, feb. 1964	1964
19640047233	Results of testing the hpc-abl x-258 b-1 /s/n rh-47/ solid propellant rocket motor under the combined effects of simulated altitude and rotational spin	1964
19640047234	Laboratory high temperature spectroscopy - 1963 results status report	1964
19640047237	Operations Analysis of Advanced Lunar Transportation Systems. Volume II, Technical Analysis	1964
19640047239	Operations analysis of advanced lunar transportation systems. volume i- summary final report	1964
19640047240	Aerobee nasa 4.88 gt. meteorological data report	1964
19640047273	Fretting fatigue strength of pin joints in aluminum alloys and high tensile steel treated with various surface finishes and assembled with various compounds	1964
19640047276	Studies of lunar soil mechanics third quarterly progress report <15 dec. 1963 - 15 mar. 1964<	1964
19640047277	Study of a rotating manned orbital space station. final oral presentation <visual data<	1964
19640047278	Study of a Ballistics Reentry Type Logistics Spacecraft, Volume 3 Final Report	1964
19640047279	Study of a Ballistics Reentry Type Logistics Spacecraft, Volume 4 Final Report	1964
19640047282	Post-saturn class iii and iv launch vehicle study. phase 111. volume 1- condensed summary final report	1964
19640047286	Study of a ballistics reentry type logistics spacecraft, volume 2 final report	1964
19640047292	Design and development of a differential thermal analysis apparatus	1964
19640047293	Stability analysis of saturn sa-5 with live s-iv stage	1964
19640047297	Space radiations- a compilation and discussion	1964
19640047302	Application study for large solid motors, volume iii	1964
19640047303	Study of a Ballistics Reentry Type Logistics Spacecraft, Volume i Final Report	1964
19640047313	Flox in Atlas Oxidizer System 5th Monthly Progress Report (Final), 25 Nov. - 29 Dec. 1963	1964
19640047315	Magnetic materials technology for ppm-focused twt's interim engineering progress report, 1 dec. 1963-29 feb. 1964	1964
19640047316	A solution of the complex dielectric equations for rocket exhaust microwave interferometry	1964
19640047317	T-39a limited stability and control tests	1964
19640047320	Sert-1 power conditioner final report	1964
19640047321	Study of a ballistics reentry type logistics spacecraft summary, final report	1964
19640047322	A study of systems for space propulsion quarterly progress report no. 12, nov. 1963 - 31 jan. 1964	1964
19640047323	Mass spectrometry and electron microprobe studies semi-annual progress report, 1 aug. 1963 - 31 jan. 1964	1964
19640047329	A follow on program on magnetic plasma engine development quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640047331	Experimental and theoretical research in plasma dynamics interim progress report no. 4, period ending jan. 31, 1964	1964
19640047333	Quality control plan, apollo	1964
19640047334	Ionizer development and surface physics studies final report	1964
19640047335	A note on ocular motility during side-to-side oscillation on the parallel swing	1964
19640047336	Research in gravitational radiation and space time	1964
19640047337	Behavior of asymptotically flat empty spaces	1964
19640047338	Empty space metrics containing hypersurface orthogonal geodesic rays	1964
19640047339	Empty-space generalization of the schwarzschild metric	1964
19640047340	A class of null flat space coordinate systems	1964
19640047341	The equivalence problem in spaces with symmetries	1964
19640047342	Study of nonequilibrium body flow fields quarterly report for period ending 15 feb. 1964	1964
19640047344	Solid propellant structural integrity investigations. structural integrity of large solid propellant grains status report no. 5, 1-31 jan. 1964	1964
19640047389	Stabilized rod warhead first summary report no. 1, 29 apr. 1963 - 31 jan. 1964	1964
19640047390	Study of oxides for chemical separation of air into oxygen-nitrogen components	1964
19640047395	Force data on a blunt body of elliptical cross-section in yaw	1964
19640047396	Altitude evaluation of the united technology center propellant /utp-3001/ for program 624a standard launch vehicle	1964
19640047398	Synthesis of high-energy polymers and solid oxidizers annual report, 1 jan. - 31 dec. 1963	1964
19640047401	Operations analysis of advanced lunar transportation systems. volume iii- logistics model computer program	1964
19640047404	Nasa system design and research bimonthly progress report, 1 feb. - 31 mar. 1964	1964
19640047405	Monthly progress report no. 12 <lem program<	1964
19640047406	Pre-test report for the heat transfer tests of the 0.045-scale apollo launch configuration hl-1c model in the langley unitary plan wind tunnel	1964
19640047408	Mila timing systems operations plan and systems description	1964
19640047409	<geochemistry of trace elements in meteorites< third semi-annual report, sep. 16, 1963 - mar. 14, 1964	1964
19640047410	Effect of low density inert gas flush on oxygen-columbium reation at 1500 deg f to 2000 deg f third quarterly report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047418	Theoretical and experimental investigation on modulation inducing retrodirective optical systems monthly progress report no. 10, 21 feb. 1964 - 21 mar. 1964	1964
19640047420	Wind tunnel test of three towed winged vehicles	1964
19640047421	Interplanetary monitoring platform imp i - explorer xviii interim status report	1964
19640047423	Re-entry radiation and air flow seventh quarterly report, 1 dec. 1963 - 29 feb. 1964	1964
19640047426	Developments of techniques for superheterodyne receivers at frequencies above 100 gc fourth quarterly progress report, dec. 1963 - feb. 1964	1964
19640047428	Nonlinear aspects of combustion instability in liquid propellant rocket motors quarterly status report, 1 dec. 1963 - 29 feb. 1964	1964
19640047429	Saturn i, sa-5. part iia of the firing test report- consolidated instrumentation plan	1964
19640047431	Low-cost microcircuits for microassemblies second quarterly report, 1 oct. 1963 - 1 jan. 1964	1964
19640047432	Quasi-dispersion relations for potential scattering	1964
19640047433	Thermodynamics of order-disorder phenomena	1964
19640047434	Solid state display final report	1964
19640047437	Dendritic solar cell and array investigation interim progress report no. 2, 1 dec. 1963 - 1 mar. 1964	1964
19640047440	Wind tunnel investigation of a 1/6-scale v/stol model /bell x22a/, part i- vertical tail and wing trailing edge modifications	1964
19640047474	Ranger 6 Agena Vehicle 6008 Flight Evaluation and Performance Analysis Report	1964
19640047478	Manned orbital laboratory /zero-g/ saturn v class final oral presentation	1964
19640047481	Feasibility study on the design and development of a cold cathode ion source final report	1964
19640047482	Research investigation of ion beam formation from electronbombardment ion sources technical summary report	1964
19640047484	Research on spacecraft and powerplant integration problems mission analysis topical report	1964
19640047485	Lithium feed systems for arc jet engines summary report <16 oct. 1962 - 15 may 1963<	1964
19640047486	Design, fabrication and testing of a cesium ion rocket engine summary report, phase iii <1 sep. 1962 - 13 oct. 1963<	1964
19640047491	Altitude testing of ten atlantic research corporation iks-210 solid-propellant rocket motors	1964
19640047506	Acceptance firing of saturn flight stage s-1-7	1964
19640047521	Research on electrothermal thruster for attitude control systems	1964
19640047526	C-130 aircraft ramp unloading kit	1964
19640047529	Bibliography	1964
19640047530	Removal of divergences in quantum electrodynamics	1964
19640047531	Magnetohydrodynamic theory of deflagration and detonation	1964
19640047532	Coupling of pressure oscillations with electromagnetic fields in large rocket motors	1964
19640047533	Mhd electricity generation research at the central electricity research laboratories technical report	1964
19640047534	Study of comprehensive failure theory interim report no. 2, 1 aug. - 5 oct. 1963	1964
19640047538	Investigation of the photopolymerization fourth quarterly report, 14 nov. 1963 - 13 feb. 1964	1964
19640047539	Response surface determinations in establishing the reliability of one-shot items	1964
19640047540	Hydrodynamics compressive forging interim technical engineering report, 1 oct. 1963-1 apr. 1964	1964
19640047543	Investigation of various activator refractory substrate combinations final report	1964
19640047549	The kinetics and mechanisms of the strengthening of maraging steels third quarterly progress report, 1 oct.-30 dec. 1963	1964
19640047550	Development of lightweight case design for solid propellant rocket motors final report, 15 jun. 1960 - 15 mar. 1963	1964
19640047551	A study of manned mars exploration in the unfavorable time period /1975 - 1985/ volume 3 technical report	1964
19640047556	Dynamics analysis and tests - airframe, volume 4. part ii - technical information technical documentary report, 18 dec. - 30 sep. 1963	1964
19640047558	Nuclear radiation effects analysis and tests - flyaway, volume 8. part ii - technical information technical documentary report, 18 dec. 1962 - 30 sep. 1963	1964
19640047563	Support systems, volume 17. part ii - technical information technical documentary report, 18 dec. 1962 - 30 sep. 1963	1964
19640047565	Air induction system tests and analysis - propulsion, volume 25. part ii - technical information technical documentary report, 18 dec. 1962 - 30 sep. 1963	1964
19640047579	Investigation of the superhydrides of the transition metals third quarterly report 16 nov. 1963 - 15 feb. 1964	1964
19640047584	Radially expanding fragmentation warhead study summary report, 16 nov. 1962 - 15 dec. 1963	1964
19640047589	Investigation of fundamental hypergolic ignition phenomena under dynamic flow environments semiannual technical report no. 1, 1 jul. - 31 dec. 1963	1964
19640047592	Ma-5 flox program informal monthly progress report, feb. 1964	1964
19640047596	Systems Analysis of Trajectories and Guidance for a Spinstabilized Lunar Photographic Spacecraft Final Report	1964
19640047600	Preliminary performance estimates of a v/stol version of the jtf10 with separate exhaust, stf 206a-6 turbofan engine	1964
19640047603	Post saturn class iii and iv launch vehicle study /phase iii/. volume ii - summary final report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047604	Post-saturn class iii and iv launch vehicle study /phase iii/. volume iii - chemo-nuclear technical report final report	1964
19640047605	Post-saturn class iii and iv launch vehicle study /phase iii/. volume iv - chemo-nuclear technical report final report	1964
19640047606	Post-saturn class ii and iv launch vehicle study /phase iii/. volume v - post-saturn class iii /rombus/ development program and cost final report	1964
19640047607	Post-saturn class iii and iv launch vehicle study /phase iii/. volume vi - post-saturn class iii /rombus/ technical report final report	1964
19640047608	Post-saturn class iii and iv launch vehicle study /phase iii/. volume vii - post-saturn class iii /rombus/ expendable lh sub 2 tank study final report	1964
19640047613	<isotopic chemistry of meteorites, including studies of variation in isotopic abundances among discrete specimens< semiannual report, 1 sep. 1963 - 29 feb. 1964	1964
19640047615	Rift safety program plan /revision 1/	1964
19640047618	Accuracy of unguided finned rockets - a simple review of state of the art and prospects	1964
19640047621	Analytical and graphical prediction of graphite ablation rates and surface temperatures during reentry at 25,000 to 45,000 feet per second	1964
19640047622	Improved photoconductors for display switching final report	1964
19640047623	Development of a high-temperature, nuclear- radiation-resistant pneumatic power system for flight vehicles quarterly report, 25 dec. 1963 - 24 mar. 1964	1964
19640047627	Fracture toughness, fatigue-crack propagation and corrosion characteristics of aluminum alloy plates for wing skins third quarterly report, 3 jan. - 3 mar. 1964	1964
19640047630	Crystal chemistry of ceramic dielectric interim quarterly report no. 4, 15 aug. 1963 - 15 jan. 1964	1964
19640047633	Determination of semi-conductor device figure of merit second quarterly progress report 1 oct. 1963 - 1 jan. 1964	1964
19640047655	Investigation of perognathus as an experimental organism for research in space biology second quarterly progress report, 1 jan. - 30 apr. 1964	1964
19640047656	The combined effect of radiation and hypometabolism on survival of pocket mice	1964
19640047657	Preliminary biochemical studies of pocket mouse body fluids	1964
19640047663	Photometric measurements of zodiacal light and of counter glow, corrected for atmosphere luminescence <mesures photometriques de la lumiere zodiacale et du gegenschein corrigees de la luminescence atmospherique>	1964
19640047665	On the occurrence of ionosphere irregularities in the f-layer <o vznikovenii ionosfernykh neodnorodnostey v f-sloye>	1964
19640047666	Study of the distribution of interplanetary and stellar dust masses <etude de la distribution des masses de poussières interplanétaires et de celles des étoiles>	1964
19640047674	On the magnetohydrostatic theory of sunspots	1964
19640047675	On non-spherical surfaces in optical instruments <uber aspharische flachen in optischen instrumenten>	1964
19640047677	Project spin monthly progress report no. 58, 1-31 mar. 1964	1964
19640047681	On the latitude distribution of the index of aes' radiosignal fluctuations in 20mc <o shirotnoy zavisimosti indkxa fluktuatsiy radiosignalov isz na 20 mgts>	1964
19640047682	On the limits of precision of photographic observations of artificial satellites /<ur les limites de la precision des observations photographiques de satellites artificiels>	1964
19640047683	Comparison of photometric and ionospheric observation of the f-layer <comparaison d'observations photometriques et ionospheriques de la couche f>	1964
19640047688	Analysis of certain disturbances in sensitive electrometric measurements <analyse einiger storungen bei empfindlichen elektrometrischen messungen>	1964
19640047690	Generalized schwarzschild systems of mirrors with glancing reflection as optical systems for x-rays <verallgemeinerte schwarzxchildsche spiegelsysteme streifender reflexion als optiken fur rontgenstrahlen>	1964
19640047696	Solid-state imaging and sensing technical documentary report, 1 jul. 1962 - 31 jan. 1964	1964
19640047701	Ballistic flight simulation program /flite/	1964
19640047703	Ground handling and transportation status report	1964
19640047704	Handling ring segment test report	1964
19640047705	A large panel fabrication support facility	1964
19640047706	Temperature measurement inside a rawinsonde balloon	1964
19640047707	Launch support contract for the three stage delta launch vehicle final report, 1 apr. - 31 dec. 1963	1964
19640047711	Failure mechanisms in microelectronics	1964
19640047712	Study of surface states in semiconductors second quarterly report	1964
19640047713	Medium Space Vehicles Programs Monthly Progress Report December 1963	1964
19640047722	Tropical service life of electronic parts and materials third quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640047723	Silicon carbide, 500 deg. c power rectifiers interim engineering report no. 7, 1 jan. - 31 mar. 1964	1964
19640047726	Absorption of the d-layer and temperature of the mesosphere <absorption de la couche d et temperature de la mesosphere>	1964
19640047727	Study of the correlation between linear energy transfer and relative biological effectiveness third quarterly progress report, 1 jan. - 1 apr. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047728	Parametric study of high power in-pile nuclear thermionic space powerplants	1964
19640047730	Study of the correlation between linear energy transfer and relative biological effectiveness second quarterly progress report, 1 oct. 1963 - 1 jan. 1964	1964
19640047731	Thermal conductivity measurements monthly progress report no. 4, 1 feb. - 29 feb. 1964	1964
19640047733	Control system stability analysis, atlas/centaur /ac-4/ with and without steering <final summary report->	1964
19640047734	Corrosion product separation in a croloy 9m mercury loop third quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640047735	Basic studies on dispersion hardening quarterly report no. 3, 12 dec. 1963 - 11 mar. 1964	1964
19640047737	A morphological study of rat testicular tissue exposed to rf energy	1964
19640047738	Research on silicon single crystal thin films and devices <final report> dec. 1962 - jan. 1964	1964
19640047741	Atmospheric models and helium	1964
19640047745	A study to develop necessary design data for intergration of thermal energy storage and thermionic converter devices final technical report, mar. 1963 - jan. 1964	1964
19640047749	Delta program - mission no. 22, vehicle s/n 20007/20007/20008, spacecraft- tiros h flight report	1964
19640047750	Electrothermal engine research and development second quarterly progress report, 1 oct. - 31 dec. 1963	1964
19640047756	Performance Sensitivities for NASA Agena Missions Final Report	1964
19640047759	Medium Space Vehicles Programs Monthly Progress Report, Feb. 1964	1964
19640047762	Study of a ten-passenger reusable orbital carrier. volume vi, development planning final report	1964
19640047769	Delta range safety trajectory and aerodynamic data for the delta syncom a-27 spacecraft mission, volume i	1964
19640047770	Dsv-3d /tad/ flight termination system /range saftey/	1964
19640047774	Diffusion in a field of stationary turbulence <diffusion dans un champ de turbulence stationnaire>	1964
19640047778	Prospects for thermal energy storage	1964
19640047780	Considerations in the design of a sferics satellite quarterly status report no. 1, 1 jan. - 31 mar. 1964	1964
19640047786	3-watt k sub u-band ppm-focused traveling wave tube interim engineering progress report, 15 jul. 1963 - 30 jan. 1964	1964
19640047787	Nonvacuum electron beam welding interim technical documentary progress report no. 1, 1 nov. 1963 - 31 jan. 1964	1964
19640047788	Development of economic quantity/quality manufacturing methods for a k sub a-band tunable magnetron interim technical documentary progress report, 21 dec. 1963 - 21 mar. 1964	1964
19640047789	Process development for internal roll extrusion of large rocket motor cases interim engineering progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640047790	Development of large diameter refractory metal ingots for subsequent working <third> interim engineering progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640047795	Chemical research as related to advanced solid propellants fifth annual report final, 1 jan.-31 dec. 1963	1964
19640047798	Carbon dioxide reduction systems seventh progress report, 15 mar. - 15 sep. 1962	1964
19640047800	Large area semiconductor surface passivation production refinement program interim technical progress report no. 2, 1 oct. 1963 - 31 dec. 1963	1964
19640047803	Investigation of the surveyor main retrograde solid-propellant rocket motor at simulated altitude	1964
19640047804	Measurements of spectral radiancy from exhaust products of solid-propellant rockets in an altitude test cell	1964
19640047806	Impact failure of pressure vessels - part 2 technical documentary report, 11 oct. 1963	1964
19640047809	The tilted-plane optical processor	1964
19640047811	Traveling-wave phase shifter technical progress report, 12 oct. 1963 - 12 jan. 1964	1964
19640047822	Research to determine the mechanisms controlling the brittle-ductile behavior of refractory cubic carbides technical documentary report, 1 jan. 1963 - 31 dec. 1963	1964
19640047823	Digital computer programs relating to wind loads on vertically-rising vehicles	1964
19640047824	Photoelectric millimeter wave detector quarterly report no. 3	1964
19640047825	Wide-band beam-type parametric amplifier technical documentary report <1 sep. - 31 dec. 1963>	1964
19640047828	Research on the technology of tantalum alloys with maximum strength in the 3000 deg f to 3500 deg f range third quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640047830	Analog computation of solutions of the block equations in a weak field. application to the nuclear spin gyro <resolution analogique des equations de bloch en champ faible. application au gyrometre a induction nucleaire>	1964
19640047831	Effect on stability of the axial rotation of a missile containing a liquid mass <influence sur la stabilite de la rotation axiale d'un missile contenant une masse liquide>	1964
19640047832	Theoretical determination of a reference enthalpy for the laminar boundary layer of the flat plate. prandtl number effect <determination theorique d'une enthalpie de reference pour la couche limite laminaire de la plaque plane. influence du nombre de prandtl>	1964
19640047836	The conception and electrochemical study of an elementary model of a porous, triple-contact electrode <conception et etude electrochimique d'un modele elementaire d'electrode poreuse a triple contact>	1964
19640047837	Quarterly progress report <development, research and analysis in thermal measurement and calibration>	1964
19640047838	Shielded ceramic composite structure interim engineering progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640047839	Radio physics quarterly progress report, division 3 <1 nov. 1963 - 31 jan. 1964	1964
19640047843	Two stage potassium test turbine quarterly progress report no. 11, nov. 8, 1963 - feb. 8, 1964	1964
19640047845	Active communications spacecraft, project relay /a-16/. nasa-gsfc operations plan 1-64	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640047846	Design, development and demonstration of on-off-on device for solid propellant rocket motors monthly progress report no. 9, 10 mar. - 10 apr. 1964	1964
19640047847	Quarterly progress report, 1 jan. 1964 - 31 mar. 1964 <apollo contingency planning<	1964
19640047849	Operations plan 2-64 passive communications satellite /rigidized sphere/ echo a-12	1964
19640047856	A study of manned mars exploration in the unfavorable time period 1975-1985. volume iv- appendix	1964
19640047859	A study of the localization of the area of reaction of a monotubular, triple contact electrode <etude de la localisation de l-espace reactionnel a une electrode monotubulaire a triple contact<	1964
19640047861	Investigation of foamed metals for application on space capsules quarterly report no. 3, 1 jan. - 31 mar. 1964	1964
19640047862	Delta monthly technical progress report, march 1964, issue 59	1964
19640047863	Development of improved adhesives for use at cryogenic temperatures to minus 423 deg. f. quarterly progress report no. 2, 11 jul. -31 dec. 1963	1964
19640047864	Development of a coaxial plasma gun for space propulsion third quarterly progress report	1964
19640047867	Acoustical study of the kiwi b nuclear engine progress reports 6-9, 15 sep. 1963 - 15 jan. 1964	1964
19640047868	Transportation plan for micrometeoroid measurement capsule and apollo service module	1964
19640047882	A seismic device for detecting moving vehicles and personnel	1964
19640047885	Advanced research on solid rocket propellants fifth annual technical report, jan. - dec. 1963	1964
19640047886	Fuels synthesis	1964
19640047887	Oxidizer synthesis	1964
19640047888	Nitrogen chemistry	1964
19640047889	Physical chemistry	1964
19640047890	Testing and formulation	1964
19640047891	Chemical processing	1964
19640047892	Biochemical research	1964
19640047929	Manned mars exploration in the unfavorable /1975-1985/ time period. volume ii- summary final study report	1964
19640047930	Manned mars exploration in the unfavorable /1975-1985/ time period. volume iii- systems integration final study report	1964
19640047931	Manned mars exploration in the unfavorable /1975-1985/ time period. volume v- planet and space environments final study report	1964
19640047932	Manned mars exploration in the unfavorable /1975-1985/ time period. volume x- vehicle and structural design final study report	1964
19640047934	Rift radiation effects program. irradiation no. 7- dc amplifiers-transducer exciters	1964
19640047935	Echo a-12, launched january 25, 1964 flight report	1964
19640047936	Study of a rotating manned orbital space station, volume i final report	1964
19640047937	Study of a rotating manned orbital space station, vol. iii final report	1964
19640047938	Study of a rotating manned orbital space station, volume iv final report	1964
19640047939	Study of a rotating manned orbital space station, volume v final report	1964
19640047940	Study of a rotating manned orbital space station, volume vi final report	1964
19640047941	Study of a rotating manned orbital space station, volume vii final report	1964
19640047942	Repetitively pulsed 2-stage plasma engine third quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640047948	Investigation of New Methods of Designing Multilayer Filters Having Specified Transmission or Reflectance as a Function of Wavelength Interim Report, 1 Sep. 1963 - 29 Feb. 1964	1964
19640047951	Space time distribution of the sporadic e sub s-layer at high latitudes <prostranstvenno-vremennoye raspredeleniye sporadicheskogo sloya e sub s v vysokikh shirptakh<	1964
19640047952	Investigation of the effects of ionizing radiation on the central nervous system in vivo and in vitro third quarterly progress report, 19 jan. - 18 apr. 1964	1964
19640047953	Atlas/centaur, phase ii - launch wind constraints study monthly progress report no. 2, 17 mar. - 16 apr. 1964	1964
19640047956	Analysis of the udop tracking system final report	1964
19640047957	Design, development and prototype fabrication of an area hydrogen detector third quarterly progress report, 1 oct. - 31 dec. 1963	1964
19640047958	Rift manufacturing plan. volume 5- cryogenic insulation plan	1964
19640047959	Reliability test requirements document /rift/ dsd 413 technical note	1964
19640047960	Optimization of a manned orbital research laboratory /morl/ system, morl phase ii a second monthly progress report, 23 dec. 1963 - 23 feb. 1964	1964
19640047961	Study of a rotating manned orbital space station, volume ii- final report	1964
19640047962	Study of a rotating manned orbital space station, volume viii- final report	1964
19640047963	Study of a rotating manned orbital space station, volume ix- final report	1964
19640047964	Study of a rotating manned orbital space station. volume xi- final report	1964
19640047975	Solid propellant additives research quarterly progress report no. 1, period ending 10 feb. 1964	1964
19640047979	Development and testing of advanced high- energy fluorine-containing solid propellants quarterly report, 29 nov. 1963 - 28 feb. 1964	1964
19640047981	Research and development on fluorine based oxidizers quarterly report no. 7, period ending 23 dec. 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048000	Research on high energy oxidizers for advanced solid rocket propellants quarterly progress report no. 20, jan.-mar. 1964	1964
19640048002	Preliminary design of clustering structure for large solid rocket motors /aft end portion/ final report	1964
19640048003	S-band solid-state detector-amplifier final report no.4 12 mar. 1962-15 may 1963	1964
19640048004	A research program for understanding the mechanisms of flame inhibition technical documentary report, 15 nov. 1962-15 jan. 1962	1964
19640048005	Cryoelectric receiver techniques final report, 13 jun. 1962 - 13 jun. 1963	1964
19640048006	A study of forging variables final technical documentary report, 1 jul.-31 jan. 1964	1964
19640048007	Inorganic dielectric research progress report no. 1, 1 nov. 1963-31 jan.	1964
19640048009	Manufacturing methods, processes and development for cesium beam frequency standards, phase ii interim engineering progress report, 9 dec. 1963-9 mar. 1964	1964
19640048011	Research and development of hermetically sealed relays with isolated contacts final report, 1 jul. 1961--15 feb. 1964	1964
19640048012	An investigation of the nasa cygnus-15 solid- propellant rocket motor under the combined effects of simulated altitude and rotational spin	1964
19640048014	Development of dies for extrusion of complex shapes of steel and refractory alloys interim engineering progress report, 1 jan. 1964-31 mar. 1964	1964
19640048015	Research on high temperature protective coatings for graphite progress report no. 3, dec. 1, 1963-feb. 29, 1964	1964
19640048016	Molybdenum forging process development final technical documentary report,29 may 1960-15 sep. 1963	1964
19640048017	Investigation of improved airborne antenna techniques for combat surveillance quarterly progress report no. 7, 1 dec. 1963 - 29 feb. 1964	1964
19640048021	Investigation of microwave dielectric- resonator filters second quarterly report, 1 oct. - 31 dec. 1963	1964
19640048023	Novel microwave filter design techniques quarterly progress report no. 4, 1 oct. - 31 dec. 1963	1964
19640048024	Hydrogen generation for fuel cells seventh quarterly report, 1 nov. 1963 - 31 jan. 1964	1964
19640048025	Laser /optical maser/ beam fusion welding interim engineering progress report, 16 oct. 1963 - 30 jan. 1964	1964
19640048026	Study of a rotating manned orbital space, volume x final report	1964
19640048027	A lifting re-entry, horizontal-landing-type logistic spacecraft final report	1964
19640048034	Study of a ten-passenger reusable orbital carrier. volume i- summary report final report	1964
19640048035	Study of a ten-passenger reusable orbital carrier. volume ii- flight mechanics final report	1964
19640048036	Study of a ten-passenger reusable orbital carrier. volume iii- vehicle design final report	1964
19640048037	Study of a ten-passenger reusable orbital carrier. volume iv- propulsion and subsystems final report	1964
19640048038	Study of a ten-passenger reusable orbital carrier. volume v- ground systems final report	1964
19640048039	Study of a ten-passenger reusable orbital carrier. volume vii- system costs final report	1964
19640048046	Applied research and development work on families of brazed and welded fittings for rocket propulsion fluid systems final report	1964
19640048048	High current tunnel diodes for inverter circuits interim technical documentary progress report no. 1, dec. 15, 1963 - mar. 15, 1964	1964
19640048056	Study of reignitable solid propellant grains leading to extinguishable and restartable solid propellant rocket motors quarterly progress report no. 5, jan. 23, 1964 - apr. 23, 1964	1964
19640048057	Research program to obtain comprehensive design criteria for grade cfw graphite quarterly progress report no. 2, dec. 1, 1963- feb. 29, 1964	1964
19640048058	Manned mars landing and return mission. volume i- summary	1964
19640048059	Nonequilibrium gasdynamics related to propulsion systems yearly report, period ending 31 mar. 1964	1964
19640048062	Tantalum alloy processing development final report, 24 may 1962 - 23 jan. 1964	1964
19640048063	156-inch diameter motor jet tab tvc program, volume 1 technical note <1 dec. 1963 - 29 feb. 1964<	1964
19640048064	156-inch diameter motor jet tab tvc program, volume ii technical note <1 dec. 1963 - 29 feb. 1964<	1964
19640048072	Applied research program to evaluate the feasibility of the compound a/hydrazine propellant system, part 2 first quarterly progress report	1964
19640048075	Solid propellant ignition studies fourth quarterly progress report	1964
19640048078	Evaluation of the sarah system /search and rescue and homing/	1964
19640048079	Millimeter wave launching devices and techniques third quarterly report, 15 sep. 1963 - 15 dec. 1963	1964
19640048081	Single crystal hexagonal ferrites quarterly progress report no. 3, oct. 15, 1963 - jan. 14, 1964	1964
19640048082	On the deflection dispersion of m33 spin-stabilized rockets	1964
19640048083	A study of flow patterns in aircraft revetments	1964
19640048084	Materials on vostok-5, vostok-6, and polet-1 flights. comprehensive analysis based on soviet-bloc open literature	1964
19640048085	<progress report for the period 1 january to 31 march 1964<	1964
19640048119	Long life k-band duplexer quarterly technical report no. 6, 1 oct. 1963 - 1 jan. 1964	1964
19640048121	Ranger technology application study, volume i	1964
19640048122	Ranger technology application study, volume ii	1964
19640048123	Ranger technology application study, volume iii	1964
19640048124	Ranger technology application study, volume iv	1964
19640048125	Ranger technology application study, volume v	1964
19640048126	Printed circuit connectors for microassemblies final progress report no. 4, 1 feb. 1963 - 1 feb. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048140	A simultaneous multi-point initiator for use in high explosive devices	1964
19640048143	Investigation of advanced hybrid propellants final report	1964
19640048145	Development of welding procedures and filler materials for joining high strength low alloy steels quarterly progress report no. 3, 15 dec. 1963 - 15 mar. 1964	1964
19640048146	The kinetics and mechanisms of the strengthening of maraging steels quarterly progress report no. 4, 1 jan.-31 mar. 1964	1964
19640048150	Investigation of fundamental hypergolic ignition phenomena under dynamic flow environments semiannual technical report no. 1, 1 jul.-31 dec. 1963	1964
19640048151	Pre-flight failure discrepancy analysis of information processed during february 1964. medium space vehicles program product assurance report	1964
19640048154	Reusable ten-passenger orbital carrier vehicle. volume i- research and technology implications final report, phase ii	1964
19640048156	Reusable Ten-passenger Orbital Carrier Vehicle. Volume III. Part I- Trade-off Studies Final Report, Phase II	1964
19640048157	Reusable ten-passenger orbital carrier vehicle. volume iv, part ii- advanced design studies final report, phase ii	1964
19640048170	Manufacturing methods for continuous processing of solid rocket propellants final technical engineering report, 5 jul. 1962 - 31 dec. 1963	1964
19640048172	Research in high-energy oxidizers quarterly progress report, 10 dec. 1963 - 10 mar. 1964	1964
19640048174	Throttleable monocompound rocket engine first quarterly progress report, 11 nov. 1963- 11 feb. 1964	1964
19640048195	Electron impact studies of fluorocarbons. part 2- perfluoro-p-terphenyl and perfluoro-p-quaterphenyl	1964
19640048197	The use of acoustic methods of miss distance measurement with moving targets	1964
19640048211	Expandable space structure interim engineering report, 1 nov. 1963-31 jan. 1964	1964
19640048213	Terminal landing system for a lifting re-entry horizontal landing logistic spacecraft	1964
19640048214	Site investigation report- apollo-unified s-band 30 ft. dish site, merritt island florida	1964
19640048218	Facilities design criteria- apollo-unified s-band 30 ft. dish sites - cape kennedy, antigua, and ascension	1964
19640048219	Site investigation report- apollo-unified s-band 30 ft. dish site, antigua, b. w. i.	1964
19640048220	Study of subsystems required for a mars mission module. volume i- condensed summary final report	1964
19640048221	Study of subsystems required for a mars mission module. volume no. 3- subsystems final report	1964
19640048222	Study of subsystems required for a mars mission module. volume no. 4- aerobraking final report	1964
19640048223	A study of manned interplanetary missions /empire follow-on/ condensed summary report	1964
19640048224	A study of early manned interplanetary missions /empire follow-on/. volume ii- summary report	1964
19640048228	Preliminary design of a mars-mission earth reentry module final report no. 4-57-64-1	1964
19640048231	Manufacturing methods for continuous processing of solid rocket propellants final technical report, 5 jul. 1962 - 31 dec. 1963	1964
19640048232	Cavitation damage tests of stressed specimens with mercury in a venturi technical report no. 13	1964
19640048235	Mission-function-task analysis	1964
19640048237	Fuel leak transducers final report	1964
19640048238	Isotopic composition and concentration of molybdenum in iron meteorites	1964
19640048239	Atlas/centaur launch vehicle study. phase ii- guidance and control monthly progress report no. 1, 30 mar. - 30 apr. 1964	1964
19640048240	RI-10 rocket engine quarterly technical report, 1 jan. - 1 apr. 1964	1964
19640048241	Jicamarca radar observatory lima, peru quarterly progress report 1 jan. - 31 mar. 1964	1964
19640048242	Preliminary simulation evaluation program plan	1964
19640048243	Interaction of high-energy gas molecules with solid surfaces status report no. 3, 10 jan. 1964 - 9 apr. 1964	1964
19640048244	Parametric Design Study Tables for Spherical Shapes	1964
19640048245	A study of selected radiation and propagation problems related to antennas and probe in magneto-ionic media semiannual progress report no. 2, 1 oct. 1963 - 31 mar. 1964	1964
19640048246	Orbit position phase ii interim report	1964
19640048247	Proportional solid propellant secondary nozzle injection program progress report no. 9, 1 mar. - 31 mar. 1964	1964
19640048248	Video-roentgenographic study of the heart and lungs during exposure to forward acceleration	1964
19640048249	Engineering study of multipurpose engine and fuel system for manned lunar bases. volume 1 - summary and conclusions interim report	1964
19640048250	Study of microwave and visible light wave transmission through solid propellant exhaust gases final report	1964
19640048251	Study of manned mars excursion module summary report	1964
19640048257	Preliminary design of a mars-mission earth reentry module summary report	1964
19640048259	Mol /zero 6/ saturn v class. volume ii- preliminary design and technical studies, book 3 final report	1964
19640048261	Raman colloquium, freudenstadt/schwarzwald, germany /10-13 march 1964/	1964
19640048262	High energy physics at liverpool, manchester and leeds	1964
19640048263	Optics and spectroscopy in freiburg and stuttgart, germany and zurich, switzerland	1964
19640048265	Columbium "h" section program. phase i- extrusion. phase ii- drawing interim report no. 3, 1 jan.-1 apr. 1964	1964
19640048267	The development of coated thin sheet superalloy components interim engineering progress report 15 jan. - 15 apr. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048269	Large segmented fiberglass reinforced plastic rocket motor cases interim engineering progress report, 1 feb. - 30 apr. 1964	1964
19640048271	The growth of single crystals of ferroelectric materials by the travelling solvent method final report, covering period through 29 feb. 1964	1964
19640048275	Manned Orbital Laboratory (Zero-G) Saturn v Class, Vol I- Condensed Summary Final Report	1964
19640048276	Manned orbital laboratory /zero-g/ saturn v class. volume ii- preliminary design and technical studies, book i final report	1964
19640048277	Manned orbital laboratory /zero-g/ saturn v class. volume ii- preliminary design and technical studies, book 2 final report	1964
19640048278	Manned orbital laboratory /zero-g/ saturn v class. volume ii- preliminary design and technical studies, book 4 final report	1964
19640048279	Manned orbital laboratory /zero-g/ saturn v class. volume iii- development plan and specifications final report	1964
19640048280	Investigation of boundary layer transition progress report, 1 jan. - 31 mar. 1964	1964
19640048281	Integration and optimization of space vehicle environmental control systems. part iii- heat exchanger process selection in the synthesis of optical systems third report, jun. - dec. 1962	1964
19640048282	Infrared detectors interim report, 1 feb. - 30 apr. 1964	1964
19640048292	Research in chemistry quarterly progress report, oct. - dec. 1963	1964
19640048296	Development of high-temperature materials for rocket nozzles and associated structures second quarterly report, 1 jan. - 31 mar. 1964	1964
19640048300	Infrared imaging of counterinsurgency-type targets final report, 16 sep. 1963- 16 jan. 1964	1964
19640048304	Ultra-fine high temperature high strength metallic fibers final summary report, jul. 1962-jan. 1964	1964
19640048305	Microwave nonlinear dielectric materials second quarterly progress report, 15 dec. 1963-14 mar. 1964	1964
19640048306	Electron beam welding in variable environments interim technical documentary progress report no. 5, 15 jan.-15 apr. 1964	1964
19640048307	Estimates of radiation geometry and energy responses for the usnrdl "model 1954-56" gamma-intensity-time recorder /gitr/	1964
19640048308	Results of testing two mpc-abl x-258 /s/n's rh-56 and rh-58/ solid-propellant rocket motors under the combined effects of simulated altitude and rotational spin	1964
19640048310	Effects of ultrasound on deformation characteristics of structural metals	1964
19640048312	Diffusion bonding of refractory metals interim technical documentary progress report 6, 29 sep.-28 dec. 1963	1964
19640048314	Outgassing <entgasung<	1964
19640048353	Technical progress report on type-life programs technical report 146, 1 dec. 1963 - 29 feb. 1964	1964
19640048359	High pressure rocket engine feasibility program quarterly progress report no. 10, 26 dec. 1963 - 25 mar. 1964	1964
19640048363	A volatile tracer method for the calibration of airflow meters, part 1, general investigation. part 11. an accurate meter for the tracer liquid	1964
19640048364	A volatile tracer method for the calibration of airflow meters. part 1. general investigation	1964
19640048365	A volatile tracer method for the calibration of airflow meters. part 11. an accurate meter for the tracer liquid	1964
19640048366	Contribution to the study of the formation of sporadic e <contribution a l'etude de la formation de e sporadique<	1964
19640048367	Essential preparations for landing on the moon <dlya posadki na lunu<	1964
19640048371	Current distribution on the surface of battery plates <stromverteilung auf der flache von akkuplatten<	1964
19640048374	Solution to urysohn's problem concerning universal metric spaces <solution d'un probleme d'urysohn concernant les espaces metriques universels<	1964
19640048375	Dynamic calibration of pressure pick-ups by the shock-tube method and automatic reduction of the response curves <etalonnage dynamique des capteurs de pression par la methode du tube a choc, et depouillement automatique des courbes de reponse<	1964
19640048377	Antenna problems in aerospace ground stations <antennenprobleme bei raumfahrt- rodenstationen<	1964
19640048379	Dc voltage amplifier with capacity diodes for small input power <gleichspannungsverstarker mit kapazitatskioden for kleine eingangsleistungen<	1964
19640048383	Development of a microelectronics processor interim engineering progress report, 1 nov. 1963-31 jan. 1964	1964
19640048385	Research on chemical /cbr/ inert polymer and reactant structures first quarterly progress report, dec. 1, 1963-feb. 29, 1964	1964
19640048387	Investigative study relating to fuel cells progress report no. 12, sep. 1-dec. 31, 1963	1964
19640048388	Development and fabrication of a precision, broad-band, miniature, glass dielectric tuning capacitor report no. 7, 1 dec. 1963 - 1 mar. 1964	1964
19640048390	Dynamic stability characteristics of a 10-deg cone at mach number 10	1964
19640048391	Development of improved processes for filament-wound reinforced plastic structures interim technical documentary progress report, 1 feb.-30 apr. 1964	1964
19640048404	A parametric study concerning the structural factor of safety for aerospace vehicles technical documentary report, oct. 1962 - nov. 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048405	Developing technology to forge unclad beryl- lithium, phase iii interim engineering progress report, feb. 1, 1964- apr. 30, 1964	1964
19640048409	Thin films formed by electrochemical reactions second quarterly progress report, 1 sep. 1963-30 nov. 1963	1964
19640048410	Ferrites, magnetics, h. f. seventh quarterly report, 1 dec. 1963-29 feb. 1964	1964
19640048412	Manned orbital laboratory /zero g/ saturn v class. appendix to volume iii- preliminary tool and facility analysis final report	1964
19640048413	Preliminary design of a mars-mission earth reentry module	1964
19640048416	Bibliography of research and development reports on the centaur program for first quarter 1964	1964
19640048430	Exo-atmospheric estimation of length and tumbling rate by radar	1964
19640048431	Saturating a defense tube by a precursor chaff payload	1964
19640048434	Preliminary design of decoys to simulate the mark 11 re-entry vehicle	1964
19640048435	Anti-simulation, a new penetration system philosophy	1964
19640048436	Optimum multiple re-entry vehicle systems	1964
19640048438	Compilation of nuclear, pulsed, and space radiation effects project	1964
19640048440	A blast damage criterion	1964
19640048449	The chemistry and chemicals of composite solid propellants /state-of-the-art/	1964
19640048454	Extreme vacuum technology /below 10 to the minus 13 torr/ and associated clean surface studies quarterly status report no. 4, 1 feb. - 1 may 1964	1964
19640048455	Exploratory studies of mechanical-cycling fatigue behavior of materials for the supersonic transport seventh quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640048457	Camera tube with internal image-motion compensation fourth quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640048459	Electrical insulators for very high temperatures summary report no. 1, 6 mar. 1961 - 5 apr. 1962	1964
19640048460	The general and comparative biology of terrestrial organisms under experimental conditions quarterly report 3	1964
19640048461	Experimental and analytical investigation of an mgd power generation duct. third quarterly progress report, 11 jan. - 11 apr. 1964	1964
19640048462	Development of high temperature ceramic rectifiers, thyatrons, and voltage regulator tubes quarterly progress report no. 3, 26 dec. 1963 - 25 mar. 1964	1964
19640048463	Electrothermal engine research and development third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640048466	Study of subsystems required for a mars mission module. volume 2. introduction and analysis final report	1964
19640048468	Solid state filters delay lines and transformers third quarterly report, 1 dec. 1963 - 29 feb. 1964	1964
19640048469	Ecologic relationships between bacteria and algae in photosynthetic gas exchangers quarterly status report no. 3, 1 feb. 1964 - 30 apr. 1964	1964
19640048473	Human engineering progress reports, 16 december 1963 - 15 march 1964	1964
19640048483	Electrical Insulators for Very High Temperatures Quarterly Report No. 2, Dec. 1, 1963 - Feb. 29, 1964	1964
19640048486	Ksc quick-look data evaluation guide for sa-6	1964
19640048488	Requirements analysis phase. evaluation of advanced integrated display and control systems summary report	1964
19640048491	Lightweight solar paddle development program final report, 24 jun. 1963 - 30 apr. 1964	1964
19640048493	High temperature extrusion lubricants seventh interim technical progress report, 9 jan. - 9 apr. 1964	1964
19640048496	Electrochemical device for oxygen removal bimonthly status letter no. 3, 1 nov. - 31 dec. 1963	1964
19640048497	Gallium phosphide devices final technical summary report, dec. 14, 1962 - feb. 14, 1964	1964
19640048498	Study of effect of high-intensity pulsed nuclear radiation on electronic parts and materials /score/ fourth quarterly progress report, 1 nov. 1963-31 jan. 1964	1964
19640048499	A visualization study of windblast effects on an f/rf-4c pilot's seat survival kit	1964
19640048501	Mission survivability of a manned aircraft surveillance system. volume viii- a mathematical model for the visual detection of low-flying aircraft	1964
19640048502	The performance of the r.a.r.d.e. one fourth in. calibre hypervelocity launcher, june 1963	1964
19640048504	Delta project final report	1964
19640048505	Life in extraterrestrial environments quarterly status report, feb. 15 - may 15, 1964	1964
19640048508	Development of malfunction detection system sensors for large solid propellant rocket motors program progress, apr. 1 - 30, 1964	1964
19640048509	Control, stability and nonlinear oscillations quarterly status report, 24 feb. - 24 may 1964	1964
19640048510	Atlas/centaur launch vehicle study. phase ii- guidance and control monthly progress report, 1 - 31 may 1946	1964
19640048512	Complex shapes by slip casting interim progress report /phase i/, 1 feb. - 1 may 1964	1964
19640048513	Compendium of visual displays	1964
19640048514	Extruding and drawing tantalum alloys to complex thin h section interim engineering progress report, 1 jan. 1964 - 31 mar. 1964	1964
19640048515	Special purpose analysis techniques final report, 6 oct. 1963 - 5 jan. 1964	1964
19640048516	Manufacturing technology for large monolithic fiberglass reinforced plastic rocket motor case interim engineering progress report, 1 feb. 1964 - 30 apr. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048520	Development of an economic process for the production of .005 inch diameter beryllium wire interim technical progress report, 15 sep. 1963 - 31 jan. 1964	1964
19640048521	Compilation of unpublished materials information phase ii progress report, 16 nov. 1963 - 5 may 1964	1964
19640048522	Data collection of unpublished materials information fourth quarterly progress report, 6 feb. - 5 may 1964	1964
19640048523	U-10b limited category ii performance tests in landplane and floatplane configurations	1964
19640048527	Semi-rigid or non-rigid structures for re-entry applications fourth interim engineering progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640048528	Investigation of phenylenethiazole and phenylene sulfide polymers for heat-resistant fibers technical documentary report, feb. 15, 1963 - nov. 30, 1963	1964
19640048535	Static and dynamic stability characteristics of several m and w planform wings at transonic speeds	1964
19640048536	The use of laguerre and walsh functions in materials problems of variable loading at high temperature	1964
19640048540	Research investigations on photo facsimile transmission techniques fifth quarterly progress report, 1 jul. - 30 sep. 1963	1964
19640048541	Longitudinal propellant vibrations	1964
19640048542	Scout inlet payload study, revision a	1964
19640048544	Lunar research program technical progress report, mar. 1964	1964
19640048545	Study on application of nuclear electrical power to manned orbiting space stations, phase ii. station/powerplant integration studies second topical report no. 6450647	1964
19640048546	Research on problems of ion beam formation from electron bombardment ion sources quarterly report no. 1, 26 dec. 1963 - 31 mar. 1964	1964
19640048550	Follow-on investigation of a steady state hall current accelerator third quarterly progress report, 1 dec. 1963 - 1 mar. 1964	1964
19640048551	Interference reduction techniques for receivers quarterly progress report no. 2, 1 oct. - 31 dec. 1963	1964
19640048552	Functional electronic blocks manufacturing methods program report period, sep. 1 - nov. 30, 1963	1964
19640048553	Study of facsimile scanning and recording techniques employing fiber optics eighth quarterly report, 15 oct. 1963 - 15 jan. 1964	1964
19640048554	A technique for microwave signal reconstruction	1964
19640048555	Ryan model 520 radar altimeter monthly progress report no. 26, 1 dec. - 31 dec. 1963	1964
19640048558	Ibm 7090 subroutines for real gas properties of high-temperature air aerodynamics research report 211	1964
19640048564	Ultrahigh altitude tests of four apollo command module reaction control system rocket engines	1964
19640048568	Optical emissions from missile flow fields scientific report no. 1	1964
19640048570	Reliability Growth of U.S. Rockets. Investigation of Cost/Reliability Relationships. Volume II- Reliability Final Report, Jul. 1963 - May 1964	1964
19640048576	Project hawk interim technical report no. 42, mar. - jun. 1963	1964
19640048582	Research on dielectrics for microwave electron devices sixth quarterly progress report, 1 oct. - 30 dec. 1963	1964
19640048583	Divalent rare earth ions in optical maser materials	1964
19640048586	Rift moffett field requirements development, volume ii. appendices	1964
19640048587	Description of the Computer Programmed Automatic Checkout and Test/Compact/System	1964
19640048588	Behavior of thin alkali metal layers on refractory metal substrates report no. 2, 1 dec. 1963 - 29 feb. 1964	1964
19640048601	Transient radio frequency interference /rfi/ suppression techniques relay and solenoid valve circuits test report	1964
19640048602	Lunar research program technical progress report for the month of april 1964	1964
19640048604	Performance studies of tm-1 rocket motors in the research and development facility, for the united technology center, sunnyvale, california	1964
19640048605	Metallurgical research in great britain. i-25p national engineering laboratory and national chemical laboratory	1964
19640048606	Metallurgical research in great britain. ii- battersea college of technology, fulmer research institute, and sir john cass college	1964
19640048607	Metallurgical research in great britain. iii- imperial college of science, london, royal college of science and technology, glasgow, and the college of aeronautics, cranfield	1964
19640048608	Metallurgical research in great britain. iv- sheffield university	1964
19640048609	Association francaise de cristallographie- meeting on defects in crystals	1964
19640048611	Reading errors pertaining to the mcleod gage	1964
19640048614	High temperature measuring device first quarterly progress report	1964
19640048616	Heat transfer development program monthly status report, jan. 1-31, 1964	1964
19640048617	Fire project systems integration technical progress report no. 6, 1 jan.-30 apr. 1964	1964
19640048618	Space mission definition- evaluation of advanced integrated display and control systems	1964
19640048621	Atlas/centaur phase ii - launch wind constraints study monthly progress report, 17 apr. - 16 may 1964	1964
19640048623	Post-saturn launch vehicles study. phase iii- class iv vehicles. volume i- condensed summary final report	1964
19640048624	Post-saturn launch vehicles study. phase iii- class iv vehicles. volume ii- summary final report	1964
19640048626	Force and weight transducer operation and maintenance manual final report	1964
19640048628	Design and development of an e-m window for air lift reentry vehicles interim engineering report no. 3, 1 nov. 1963 - 31 jan. 1964	1964
19640048632	Cadmium telluride devices third quarterly progress report, 16 nov. 1963 - 15 feb. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048648	Space computer concepts, functional analysis. hypervelocity interceptor supplement final report, jul. 1963 - jan. 1964	1964
19640048652	Establishment of manufacturing methods for crossed-field amplifiers at p-, s-, and x- bands interim engineering progress report, 1 feb. - 30 apr. 1964	1964
19640048653	Static vs. dynamic elasticity measurements on magnesium oxide at room temperature final report	1964
19640048654	Microwave ferroelectric phase shifters and switches third quarterly report, 15 dec. 1963 - 15 mar. 1964	1964
19640048655	Confac ii- a general computer program for the determination of radiant-interchange configuration and form factors	1964
19640048658	Research on the nature of interactions of dissolved interstitials with dislocations	1964
19640048659	Ablative composites for superorbital glide re-entry technical documentary report, apr. 1963 - apr. 1964	1964
19640048660	Uhf telemetry concept study	1964
19640048661	High power magnetically confined plasma duplexer third quarterly report, 1 dec. 1963 - 29 feb. 1964	1964
19640048662	Tolerance criteria for continuous inhalation exposure to toxic materials. iii. effects on animals of 90-day exposure to hydrazine, unsymmetrical dimethylhydrazine /udmh/, decaborane, and nitrogen dioxide technical report, jun. 1962 - jun 1963	1964
19640048663	Personal environmental protection for lunar and other space missions	1964
19640048665	Static stability characteristics of the apgc trump sounding rocket at supersonic speeds	1964
19640048667	Pitot pressure measurements in the boundary layer on a model in a hypersonic gun tunnel	1964
19640048668	Pressure distribution and shock shape measurements at mach numbers from 8 to 13 on blunted 15 degrees semi-angle cones at zero incidence	1964
19640048670	Study of metal porphyrins final technical report, 1 jan. - 31 dec. 1963	1964
19640048671	Development of production methods for high-temperature coating of large tantalum parts interim engineering progress report, 1 mar. - 31 may 1964	1964
19640048672	Determination of stability derivatives from flight test data by means of high speed repetitive operation analog matching	1964
19640048673	Tungsten forging development program final report, 1 jul. 1960 - 19 jan. 1964	1964
19640048676	Application study for large solid motors, executive summary report	1964
19640048683	Research on selective fluorination techniques quarterly progress report no. 2, 15 feb. - 30 apr. 1964	1964
19640048684	A study of the explosion limits of simple difluoroamino compounds quarterly technical report, 1 jan. - 31 mar. 1964	1964
19640048687	Weapons system 133a- rocket motor m57a1. minuteman stage iii. wing v preproduction - firing number 2-10-47 final report	1964
19640048695	Performance study of a high energy molecular beam apparatus, and measurement of momentum accommodation coefficients under satellite conditions annual status report no. 1, mar. 1, 1963 - mar. 1, 1964	1964
19640048696	Effects of rf energy on tissue cultures	1964
19640048697	A comparative survey of types of space stabilization for television systems	1964
19640048698	Microwave ferrite devices /octave bandwidth y-junction circulators/ quarterly report, 15 oct. - 15 jan. 1964	1964
19640048699	Microstructure studies of polycrystalline refractory oxides quarterly progress report 28 jan. - 28 apr. 1964	1964
19640048700	Study of high-power electrostatically focused klystrons quarterly report, 1 oct. - 31 dec. 1963	1964
19640048702	High energy nuclear physics at the university of birmingham	1964
19640048704	Identification and control of random-parameter discrete systems	1964
19640048705	Optimum sampling and control procedures for a multiplexed digital computer	1964
19640048706	The physiological and biochemical effects of low level chronic and fractionated radiation in the dog annual report, 1 jan. 1963 - 1 jun. 1964	1964
19640048709	Nonvacuum electron beam welding interim technical documentary progress report no. 2, 1 feb. - 30 apr. 1964	1964
19640048710	Development of manufacturing processes for reinforced plastic solid propellant rocket nozzles interim engineering progress report, development of manufacturing processes for reinforced plastic solid propellant rocket nozzles interim engineering progress report, 15 oct. 1963 - 15 feb. 1964	1964
19640048711	A study of defense system test instrumentation computer program detailed description final report a study of defense system test instrumentation computer program detailed description final report	1964
19640048712	Unpublished materials research and development programs second semi-annual summary report	1964
19640048757	Semiconductor microwave amplitude and phase modulator quarterly report no. 3, nov. 16, 1963 - feb. 15, 1964	1964
19640048758	The national institute of glass /belgium/	1964
19640048759	Symposium on far-infrared developments	1964
19640048761	How to avoid errors in measurement with a mc leod gauge operated in conjunction with a cold trap	1964
19640048762	A study of the distribution and concentration of thermoelastic stresses with the application of "freezing" and "thawing"	1964
19640048763	Goals, means and constructive evaluation of flow research	1964
19640048764	On silica gel layer chromatography of the stereoisomeric menthols	1964
19640048765	The strength of axially symmetrical shells	1964
19640048766	Research and development of a camera tube for night viewing quarterly progress report no. 3, 1 tan. - 31 mar. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048767	A study to improve the low-level meteorological simulator quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640048769	Transmission testing of modified tsec/hy-2 /v-1/ channel vocoder quarterly progress report no. 1, 3 sep. 1963 - 15 mar. 1964	1964
19640048770	Experimental studies of hypervelocity impact with the r.a.r.d.e. one-fourth inch calibre launcher	1964
19640048771	A study of polymers containing silicon- nitrogen bonds progress report 39, apr. 4 - jun. 3, 1964	1964
19640048772	Study of heat shield requirements for manned mars landing and return missions monthly progress report, 9 dec. 1963 - 10 jan. 1964	1964
19640048773	Safety of s-n stage /riff/ captive-test operations summary report	1964
19640048785	Synthesis of high energy oxidizers technical progress report no. 6 /quarterly/, jan. 1 - mar. 31, 1964	1964
19640048786	Improved insulators for rocket motors quarterly progress report, 1 dec. 1963 - 2 feb. 1964	1964
19640048789	Effects of gamma-ray irradiation on mi propellant	1964
19640048791	Propulsion development department review. chapter 1- propulsion techniques, systems, an analysis, december 1963 - february 1964	1964
19640048792	Study, design, analysis, fabrication, and test of a solid propellant pulse rocket motor quarterly progress report no. 1	1964
19640048795	Adaptive signal processing array techniques	1964
19640048797	Results of the First Saturn I Launch Vehicle Test Flight	1964
19640048800	Investigation of advanced hybrid propellants quarterly progress report no. 1, 1 nov. 1963 - 31 jan. 1964	1964
19640048801	Research in fluoro-nitro compounds quarterly summary report no. 19, 1 jan. - 31 mar. 1964	1964
19640048802	Research and development on high-energy propellants from nitrogen-rich binders technical summary report no. 2, 16 feb. 1963 - 15 feb. 1964	1964
19640048806	Va-899 superpower microwave amplifier development program quarterly report no. 13, 1 jul. - 30 sep. 1963	1964
19640048814	Navy's space surveillance system's two-point orbits	1964
19640048822	Contributions related to use of the x-15 airplane as a hypersonic propulsion test facility	1964
19640048831	Pigmented surface coatings for use in the space environment technical documentary report, july 1962 - july 1963	1964
19640048832	Evaluation of protective coatings for skin materials on supersonic transport aircraft sixth quarterly status report, 1 dec. 1963 - 29 feb. 1964	1964
19640048833	The Ballistocardiogram in Experimental Myocardial Lesions (El Balistocardiograma En La Agresion Miocardica Experimental)	1964
19640048836	The Melting-Point Curves of Nitrogen to 250 Atm and Nitric Oxide to 75 Atm (Die Schmelzkurve Des Stickstoffs Bis 250 Atm Und Des Stickstoffmonoxyds Bis 75 Atm)	1964
19640048837	The Use of Hydrogen Oxidizing Bacteria to Regenerate Respiratory Air (Die Verwendung Von H2-Oxydierenden Bakterien Zur Regenerierung Der Atemluft)	1964
19640048838	The Problem of RBE in Acute and Chronic Radiation Doses in Radiobiological Research in Space Medicine (Das Problem Des Rvw Bei Akuter Und Chronischer Strahlenbelastung in Der Radiobiologischen Forschung Der Raumfahrtmedizin)	1964
19640048839	Leading effects ahead of strong shock waves <voreilende effekte vor starken stosswellen<	1964
19640048840	The influence of transient effects on the measurement of magnetization by the commutation ballistic method <vliyaniye perekhodnykh effektiv na izmereniye krivyykh namagnichennosti kommutatsionnym ballisticheskim metodom<	1964
19640048841	A study of signal limiting and saturation effects on missile control systems tenth technical report, 15 jun. 1963 - 15 may 1964	1964
19640048843	Investigation of the off-design performance of inlets for mach 10 turbo-accelerators final report, may 23, 1963 - may 22, 1964	1964
19640048844	Thermoelastic stresses in bodies subjected to temperature transients	1964
19640048845	RIFT: Operational and Flight Safety Analyses Report No. 2	1964
19640048846	A possible oscillation of the winds in the equatorial stratosphere with a period of 24 to 27 months	1964
19640048847	RAM. Phase II - Flow Field Analysis Final Report	1964
19640048849	Development of a high strength aluminum alloy readily weldable in plate thicknesses, and suitable for application at -423 deg f /-253 deg c/ progress report no. 10 - phase iii, experimental program, - 30 apr. 1964	1964
19640048857	High-temperature nozzle-throat heat transfer and thermal protection for hypersonic shock tunnels. part i - analytic studies	1964
19640048858	Optical guidance feasibility study seventh quarterly report	1964
19640048860	Study and demonstration of the an/mpm-55 automatic test set technical summary report, 23 dec. 1963 - 4 mar. 1964	1964
19640048863	Fredricks company model 2a-m-b, thermocouple vacuum gauges /special/ test report	1964
19640048864	Saturn v vehicle service arms and access arm launch complex 39 information handbook	1964
19640048866	Flight reentry research project at hyperbolic velocities project development plan	1964
19640048867	Research in electron emission from semiconductors third quarterly report, 1 nov. 1963 - 31 jan. 1964	1964
19640048868	Applied research on photoconductive photo-tape	1964
19640048869	<wolf trap for mars landing< semi-annual progress report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048870	Equations of motion of a passive satellite stabilization system	1964
19640048871	Satellite lifetime program	1964
19640048873	Pulsed energy deposition in metals third quarterly report, oct. - dec. 1963	1964
19640048879	Verification support program, test 2-10-41 final firing report	1964
19640048880	Flight test missile ftn 436 flight test evaluation report	1964
19640048881	Flight test missile ftn 439 flight test evaluation report	1964
19640048882	Ultra high power ampliftron technical note no. 13, 1 may - 31 jul. 1963	1964
19640048885	Boeing model 920-26. a lifting re-entry horizontal-landing-type logistics spacecraft	1964
19640048889	Arc air heater system quarterly progress report, sep. 2 - nov. 30, 1963	1964
19640048890	Arc air heater system monthly progress report, mar. 1 - mar. 31, 1964	1964
19640048891	Research in photosynthesis quarterly report no. 4, mar. 6 - jun. 6, 1964	1964
19640048892	Launch vehicle system cost model summary technical report	1964
19640048894	Lunar research program technical progress report, may 1964	1964
19640048897	High-temperature liquid-metal-cooled reactor study final report, volume 1	1964
19640048898	Out-of-core nuclear thermionic study final summary report, 1 jul. 1963 - 31 mar. 1964	1964
19640048899	Study of Heat Shield Requirements for Manned Mars Landing and Return Missions Quarterly Progress Report, 9 Dec. 1963 - 10 Mar. 1964	1964
19640048900	The investigation of atmospheric phenomena by use of wind tunnels meteorological research notes no. 7	1964
19640048902	Apollo window materials radiation resting program interim report	1964
19640048904	Manned mars exploration in the unfavorable /1975-1985/ time period. volume iv - aerodynamics and vehicle performances final study report	1964
19640048905	Atlas/centaur. phase ii - launch wind constraints study monthly progress report, 17 may - 17 jun. 1964	1964
19640048906	A study of manned mars exploration in the unfavorable time period /1975-1985/ condensed summary, v. 1	1964
19640048908	The determination of design criteria for grade cfz graphite second progress report, 1 oct. - 31 dec. 1963	1964
19640048932	A radio guidance technique for the all-weather landing of helicopters and vtol aircraft	1964
19640048934	Ion engine power conditioning equipment quarterly report no. 3, 10 dec. 1963 - 10 mar. 1964	1964
19640048937	Nasa-gsfc network operations plan, centaur iii /ac-3/	1964
19640048940	Advanced concept inflatable paraglider prototype and model design	1964
19640048942	Flight termination system for ranger vehicles 6006 through 6009, eogo vehicles 6501 and 6502, and mariner c vehicles 6931 and 6932	1964
19640048944	Study of nonequilibrium body flow fields quarterly progress report, 15 feb. - 15 may 1964	1964
19640048945	Investigation of arc heater nozzles with turbulent water cooling final report	1964
19640048946	Manned mars exploration in the unfavorable /1975 - 1985/ time period. volume 1- condensed summary final study report	1964
19640048948	Manned mars exploration in the unfavorable /1975 - 1985/ time period. volume vi- entry analysis final study report	1964
19640048949	Manned mars exploration in the unfavorable /1975 - 1985/ time period. volume vii- life sciences and human factors final study report	1964
19640048950	Manned mars exploration in the unfavorable /1975 - 1985/ time period. volume vii- life support and environmental control final study report	1964
19640048951	Manned mars exploration in the unfavorable /1957 - 1985/ time period. volume ix- auxiliary power and electronics final study report	1964
19640048952	Manned mars exploration in the unfavorable /1975 - 1985/ time period. volume xi- propulsion and propellant management final study report	1964
19640048953	Manned mars exploration in the unfavorable /1975 - 1985/ time period. volume xii- program development final study report	1964
19640048954	Thin films formed by electrochemical reactions third quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640048957	A toxic hazard study of selected missile propellants /1964/	1964
19640048958	Research on general relativity and other gravitational theories	1964
19640048959	Spectroscopic investigations of fluorescence and chemiluminescence in gases final technical report	1964
19640048960	Gemini ballute structural test at mach numbers 0.55 and 1.92	1964
19640048962	Semiconductor active thin films	1964
19640048963	Organic materials for electronic applications final report, may 1962 - oct. 1963	1964
19640048968	Fracture toughness, fatigue-crack propagation and corrosion characteristics of aluminum alloy plates for wing skins fourth quarterly report, 3 mar. - 3 jun. 1964	1964
19640048969	Research on high temperature thermally stable greases quarterly progress report, feb. 1 - may 1, 1964	1964
19640048972	Wind tunnel investigation of a 1/6-scale v/stol model /bell x-22a/. part ii- additional vertical tail and wing trailing edge modifications	1964
19640048973	Noncommunication expendable jammer investigations. volume i- power sources	1964
19640048975	Limited c-130e category ii stability and control tests	1964
19640048976	Human free-fall trajectories	1964
19640048977	Tunnel diode amplifiers- model ek/a-s, model ek/a-li, and model ek/a-l2	1964
19640048978	Yat-37d systems evaluation	1964
19640048979	Refractory alloy foil rolling development program phase v interim report, 1 mar. - 31 may 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640048983	Development of economic quantity/quality manufacturing methods for a ka-band tunable magnetron interim technical documentary progress report, 21 mar. - 21 jun. 1964	1964
19640048984	Composite ceramic radome manufacture by mosaic techniques interim engineering progress report, 29 jan. - 30 apr. 1964	1964
19640048985	Research on method for production of thermantic structural and/or heat shielding materials. phase ii- process development and trial production interim engineering report, 1 oct. 1963 - 30 apr. 1964	1964
19640048986	Exothermic joining in vacuum final report	1964
19640048988	Diffusion in refractory metals	1964
19640048989	Development of lightweight, high-temperature structures final technical documentary report, 30 jun. 1962 - 31 dec. 1963	1964
19640048990	Homotopy and duality	1964
19640048992	1964 macromolecular colloquium at freiburg i.b.	1964
19640048993	Conference on electron paramagnetic resonance and relaxation phenomena, london, 9-10 april 1964	1964
19640048994	Solid propellant burning mechanisms study final report	1964
19640048995	Experimental solid rocket combustion instability	1964
19640048996	Research and investigation of selected microwave problems interim engineering report no. 4, 1 dec. 1963 - 29 feb. 1964	1964
19640048997	Purification of organic compounds by thermal diffusion third quarterly progress report, 1 jan. - 1 apr. 1964	1964
19640048998	Manufacturing methods for high-frequency resistance welding interim engineering progress report, 1 jan. - 31 mar. 1964	1964
19640049000	Development of glass fiber lasers final report, jul. 1962 - nov. 1963	1964
19640049001	Research and development on l-band crossed- field amplifier chain semi-annual report, feb. - sep. 1963	1964
19640049002	Automatically responsive chemical optical shutters	1964
19640049003	Sorption of hydrogen by glasses and ceramics quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640049005	Research on thin film tunnel cathodes, recombination cathodes, and similar cold cathodes final report no. 5, 1 dec. 1962 - 29 feb. 1964	1964
19640049008	Research and development - long life k-band coaxial magnetron tenth quarterly progress report, 1 oct. 1963 - 1 jan. 1964	1964
19640049010	Non-blooming image orthicon quarterly progress report, 1 nov. - 31 jan. 1964	1964
19640049020	Force and pressure measurements on configurations of the avco ecm at mach numbers 2 to 10	1964
19640049023	Feasibility study for high power crossed-field amplifiers second quarterly progress report, 1 oct. - 31 dec. 1963	1964
19640049028	Laser aiming and tracking system study technical documentary report, jun. 15, 1963 - feb. 29, 1964	1964
19640049029	Consolidated instrumentation plan. part iia of the firing test report, saturn 1, sa-6	1964
19640049031	Design and development of electrical lead- through connectors for cryogenic containers seventh monthly progress report, 1 - 31 jan. 1964	1964
19640049032	Research on spacecraft and powerplant integration problems third and fourth quarterly report, 26 oct. - 26 apr. 1964	1964
19640049033	Experimentation in heat transfer and temperature measurements, radiation in gas mixture and magnetohydrodynamics quarterly progress report	1964
19640049034	Fire project systems integration technical progress report no. 30	1964
19640049054	Rift systems analysis. volume 7- thermodynamics	1964
19640049055	Rift industrial staff member participation in project rover kiwi test operations summary report	1964
19640049056	Analysis of turbulent lubrication. volume 2- an experimental study of vortex flow and turbulence in concentric and eccentric annuli	1964
19640049058	Apollo astronaut-crew skill and training	1964
19640049059	Nuclear computational capability at lmsc	1964
19640049060	Optimum use of the radio frequency spectrum third draft report optimum use of the radio frequency spectrum third draft report	1964
19640049061	Supporting Research on Hypersonic Propulsion Quarterly Review	1964
19640049068	Test Results Part 1 of the Firing Test Report, Saturn 1, SA-5	1964
19640049069	Periodic flow heat exchanger investigation	1964
19640049077	Medium space vehicles programs monthly progress report	1964
19640049083	Investigation of optical filter materials and techniques technical documentary report, mar. - dec. 1963	1964
19640049084	Tentative schedule of operation for the test facilities project progress report, month ending 15 may 1964	1964
19640049085	Advanced vehicle technology monthly technical progress letter, may 1964	1964
19640049086	Research on diffusion of hydrogen through palladium-silver alloy. phase 3 monthly progress report, may 1964	1964
19640049087	Modification of the ued model ct-19 pcm/rf package summary report, 22 jun. 1963 - 11 mar. 1964	1964
19640049088	Oxide surface and interface impurity distributions twelfth quarterly technical report, 1 oct. - 31 dec. 1963	1964
19640049092	Research and development of miniature, environmentalized, electrostratic image orthicon second quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640049098	Measurements of local heat transfer to a 15 degree cone at small incidence for a mach number of 7	1964
19640049099	Pressure distribution measurements on a series of slender delta body shapes at mach numbers of 6.85 and 8.60	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049100	Flight and tunnel tests to develop a thermal detector for determining the boundary layer state	1964
19640049101	A hall-probe fluxmeter	1964
19640049102	The use of switching algebra in the design- study of aircraft main generator control and protection systems	1964
19640049104	Notes on a symposium on thermal stability of polymers held at columbus, ohio, on december 5th and 6th 1963	1964
19640049107	An exercise in the estimation of very small quantities of hydrogen in steel	1964
19640049113	Advanced Orbital Launch Operations, Volume I Summary Final Report	1964
19640049114	Advanced orbital launch operations, volume ii. general analysis final report	1964
19640049115	Advanced Orbital Launch Operations, Volume III. Development Plan Final Report	1964
19640049116	Advanced Orbital Launch Operations, Volume IV Orbital Operations Reliability Analysis Final Report	1964
19640049117	Advanced Orbital Launch Operations, Volume Vi Propellant Transfer Studies Final Report	1964
19640049119	Design and test of an advanced flight data system for orbital and re-entry flight final report, jun. 1959 - dec. 1962	1964
19640049129	Failure effect analysis of ground support equipment for s-iv stage of saturn i, block ii vehicles /sa-6/, supplement i	1964
19640049131	Display requirements for prelaunch checkout of advanced space vehicles	1964
19640049132	Manned interplanetary missions. volume 1- summary follow-on study final report	1964
19640049133	Flat Conductor Flexible Cable Assemblies Producibility Analysis	1964
19640049142	Vibrational-rotational spectra of simple diatomic or polyatomic molecules with a long absorption path <spectres de vibration- rotation des molecules simples diatomiques ou polyatomiques avec long parcours d'absorption.<	1964
19640049143	Oxygen regeneration systems in space vehicles <les systems regeneratifss d'oxygene dans les cabines spatiales.<	1964
19640049144	On the mechanisms of ionizationand excitation in cometary atmospheres <uber die mechanismen der ionisation and der anregung in kometenatmospharen.<	1964
19640049145	The connection between several systems of coordinates <der zusammenhang zwischen einigen koordinatensystemen<	1964
19640049146	Outline of a magneto-hydrodynamic theory of the sun-spot phenomena <skizze zu einer magnetohydrodynamischen theorie der sonnenflecken-vorgange<	1964
19640049147	Nuclear-electric cargo transporter project <'projekt eines nuklear-elektrischen nutzlast- transporters'<	1964
19640049148	Aerodynamic effects of rocket jet expansion <effects aerodynamiques de l'eclatement d'un jet de fusee<	1964
19640049152	Heat transfer to gases bubbling through liquid beds sixth semi-annual status report, dec. 1963 - 31 may 1964	1964
19640049153	Advanced telemetry system with adaptive capability technical summary report, phase v	1964
19640049154	Design study for restraint harness pressure suit final report, 25 oct. 1963 - 25 feb. 1964	1964
19640049158	The chemical contouring of 3 per cent chromium-molybdenum-vanadium and 5 per cent chromium-molybdenum-vanadium high strength steel sheet	1964
19640049159	Calculation of transient temperatures in turbine blades due to gas temperature changes	1964
19640049162	Further developments in low-speed wind-tunnel techniques for v/stol and high-lift model testing	1964
19640049163	Slender-body theory calculations of the effect on lift and moment of mounting the wing off the fuselage centre-line	1964
19640049166	World wide grid navigation	1964
19640049171	Basic properties of the tandel /temperature autostabilizing nonlinear dielectric element/	1964
19640049173	Frequency converter units for l-band, s-band, c-band, and x-band interim development report 1 apr. 1964 - 30 apr. 1964	1964
19640049175	Inter-intramolecular free radical reactions. part i- theoretical technical documentary report, 1 nov. 1962 - 1 oct. 1963	1964
19640049177	Evaluation of the breakerless high-frequency ignition system in the r-1820-82a model engine installed in the s-2d airplane first interim report	1964
19640049179	Electromagnetic theory of wire-grid lens antenna third quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640049180	Engineering quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640049182	Pilot-to-forceaster service phone-patch evaluation, kansas ciy, missouri interim memorandum report	1964
19640049183	Development and testing of a cryogenic quality meter development and testing of a cryogenic quality meter	1964
19640049186	Diffusion studies in the w-si and cb-si binary systems quarterly progress report no. 3, 1 nov. 1963 - 31 jan. 1964	1964
19640049187	Development of production methods for high- temperature coating of large tantalum parts interim engineering progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640049201	Design of a gas jet attitude control system for use in satellites	1964
19640049204	The effects of small changes of prandtl number and the viscosity-temperature index on skin friction	1964
19640049205	The decay of a turbulent trailing vortex	1964
19640049210	Thermal emissivities of some non-metallic surfaces at low temperatures	1964
19640049211	Analysis of a radioactive method for measuring miss distance	1964
19640049214	Tables of the function $xnkn/x/$ over $2n-1/n-1/$. for use as cumulative frequency distributions	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049216	The effect of small additions of silver on the ageing characteristics and mechanical properties of two alloys to specification d.t.d. 687b	1964
19640049223	Calculations of the thermodynamic properties of nitrogen at high pressures	1964
19640049224	Some observations on fatigue damage in an aluminium -7.5 per cent zinc -2.5 per cent magnesium alloy	1964
19640049233	Electrostatic gyro evaluation program gyro test specifications. volume i- data on specifications applicable to general class of free rotor, airborne electrostatically- suspended gyros	1964
19640049238	Single-mode cw laser oscillator design and development study final report	1964
19640049245	Radar sensors and associated devices sixth quarterly progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640049247	Absorption of electromagnetic energy by nose cones quarterly technical note, 9 nov. 1963 - 8 feb. 1964	1964
19640049253	Preliminary bibliography on surveillance of surface-ship traffic by satellites	1964
19640049257	Pressure and heat-transfer tests of avco ecm configuration at a mach number of approximately 19	1964
19640049258	Investigation of natural interference effects upon aerospace electronic systems performance, part ii. flight equipment delivered for in-flight measurements of radio interference environment in an earth satellite	1964
19640049259	Investigation of photopolymerization process quarterly report, 14 feb. -13 may 1964	1964
19640049260	Investigation of tranient radiation damage in semiconductor materials quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640049264	Transistor design effects on radiation resistance quarterly report, dec. 15, 1963 - mar. 15, 1964	1964
19640049265	Research and development program. intrinsic reliability, subminiature ceramic capacitors quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640049266	Tactical communication connector research and development project first technical progress report, 15 nov. 1963 - 15 apr. 1964	1964
19640049267	Millimeter wave launching devices and techniques fourth quarterly report, 15 dec. 1963 - 15 mar. 1964	1964
19640049268	Development of signal generator an/urm-123	1964
19640049270	Data display study fifth quarterly report, 21 dec. 1963 - 20 mar. 1964	1964
19640049271	Photographic material suitable for in-flight processing third quarterly progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640049272	Broadband microwave magnetically tunable filters	1964
19640049273	Photoelectroluminescence study quarterly progress report no. 2, 1 nov. 1963 - 31 jan. 1964	1964
19640049274	Low temperature refractory metal-to-ceramic seals first quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640049276	Evaluation of low-level wind-measuring techniques for tactical rockets	1964
19640049277	Transient radiation effects on electronic parts eighth quarterly progress report, jan. 1 - mar. 31, 1964	1964
19640049278	Noncommunication expendable jammer investigations. volume 2- omnidirectional antennas	1964
19640049279	High current tunnel piodes for inverter circuits	1964
19640049280	Investigation of phase equilibrium relations in ternary and high order systems of transition metals first progress report, january 1 - february 28 1964	1964
19640049281	Review of interactions between atmosphere and wave propagation	1964
19640049282	Nasa space station questionnaire. related experience	1964
19640049283	Study of semiconductor materials for solid state devices final progress report, 1 oct. 1963 - 1 apr. 1964	1964
19640049284	A summary of testing of a toroidal mechanical servo in a mechanical aileron control system on a f-100 simulator final report	1964
19640049285	Thin layer large area silicon solar cells final progress report	1964
19640049287	Socio-economic analyses of the effects of the expansion of space and space-related technological activities on selected communities status report no. 2, 1 jan. - 30 jun. 1964	1964
19640049288	Biochemical study of mixed culture prototype in a closed ecological system progress report no. 8, 1 jan. - 30 jun. 1964	1964
19640049289	Interim thermodynamic properties of liquid and gaseous argon from 86 to 300 degrees k with pressures to 1000 atmospheres	1964
19640049291	Elevated temperature stress corrosion of high strength sheet materials in the presence of stress concentrators quarterly progress report no. 12, 1 mar. - 31 may 1964	1964
19640049292	Multidisciplinary research activity in the materials sciences with emphasis on inorganic non-metallic /ceramic/ materials semi-annual status report no. 2, 1 dec. 1963 - 31 may 1964	1964
19640049303	Manned interplanetary missions follow- study final report	1964
19640049304	Exploratory propellant research semi- annual progress report no. 2, 1 jul. - 1 oct. 1963	1964
19640049305	Drop weight sensitivity studies of a new class of liquid propellant ingredients	1964
19640049307	Development of nitrocellulose base combustible cartridge case formulations utilizing the slurry technique	1964
19640049310	Research and development on fluorine based oxidizers quarterly report, period ending mar. 23, 1964	1964
19640049315	Performance of dielectric rod radiators in a dual microwave fuze system	1964
19640049326	Deleted record	1964
19640049327	Simulated Altitude Testing of the Aerojet- General Corporation AJ10-137 Rocket Engine (Report 1, Phase 1 Development Test)	1964
19640049328	Simulated Altitude Testing of the Aerojet General Corporation AJ10-137 Rocket Engine (Report 2, Phase 1 Development Test//u/	1964
19640049329	Results of testing two nots 100b spherical rocket motors under the combined effects of simulated altitude and rotational spin	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049330	Investigation of the liquid injection thrust vector control performance during the tailoff of the united technology center titan liic booster	1964
19640049331	An evaluation of the apollo service module rcs rocket engine and vehicle rcs heat shield at ultrahigh altitudes	1964
19640049333	Simultaed altitude test of atlantic research corporation xm-85 solid-propellant rocket motor /s/n ti-3/ spinning at 200 rpm	1964
19640049334	A comparison of tunnel and free-flight heat transfer to spherically blunted cones from mach 8 to 20	1964
19640049335	Aerodynamic interference effects of parallel delta wings and cone-cylinder bodies in close proximity- force tests at mach numbers 2, 5, and 10	1964
19640049343	Solid-state maser research /optical/ quarterly report, 14 nov. 1963 - 14 feb. 1964	1964
19640049346	Techniques for rapid integrated circuit layout final technical documentary report, jun. - 29 feb. 1964	1964
19640049347	S-c band o-type multipurpose twt manufacturing methods program interim engineering progress report, 1 feb. - 1 may 1964	1964
19640049348	Apl geodetic satellite project /anna/ status report, jan.-mar. 1964	1964
19640049350	An investigation of the use of porous propellants in a travelling charge gun	1964
19640049351	The national chemical laboratory of great britain	1964
19640049352	Solid state physics at the federal institute of technology, zurich, switzerland	1964
19640049353	Research on electro-mechanical integrated transducers technical documentary report, mar. 1963 - mar. 1964	1964
19640049354	Research involving investigation of the compressibility of powders final report, jan. 1963 - feb. 1964	1964
19640049355	The use of a magnetic aspect sensor as a rocket vehicle instrumentation device	1964
19640049357	Diffusion bonded honeycomb sandwich panels interim engineering progress report, 27 jan. - 27 apr. 1964	1964
19640049358	Storage heater design study for the hypersonic true temperature tunnel	1964
19640049359	Simplified analytical methods for use in preliminary design of vertically-rising vehicles subjected to wind shear loads. part ii - wind statistics and discrete profiles	1964
19640049360	Sampled-data adaptive foght control system	1964
19640049363	Research on chemical /cw/ inert polymer and reactant structures quarterly progress report, mar. 1 - may 31, 1964	1964
19640049364	Study of noise in semiconductor devices second report, dec. 1, 1963 - jan. 31, 1964	1964
19640049367	Operation snow ball project descriptions, volume i data center special report 24-1	1964
19640049368	Blast effects on space vehicle structures	1964
19640049369	Test for high-altitude rocket-borne instrumentation	1964
19640049372	Semi-annual status report for period covering december 1963 through june 1964	1964
19640049373	Study of interplanetary transportation systems phase iii final report, apr. 1963 - jan. 1964	1964
19640049374	The boundary layer in a pressure gradient - a guide to methods of solution for the laminar incompressible boundary layer	1964
19640049375	Molecular evolution in photobiological systems, including a search for catalysts and catalytic activity in the intermediate systems which form during the syntheses of low molecular weight organic compounds semi- annual status report no. 5, 1 dec. 1963 - 31 may 1964	1964
19640049376	<theoretical and experimental studies of ultraviolet phenomena of astronomical interest, and of galactic gas dynamics-> semi- annual status report, 1 oct. 1963 - 31 mar. 1964	1964
19640049377	Basic research investigation on flow mechanism and heat transfer in separated flows semi-annual status report, 3 oct. 1963 - 2 apr. 1964	1964
19640049378	Manned interplanetary missions. follow-on study, volume 2, part a final report	1964
19640049379	Evaluation of protective coatings for skin materials on supersonic transport aircraft final summary report, 1 jun. 1963 - 31 may 1964	1964
19640049380	Pre-flight failure discrepancy analysis of information processed during may 1964 medium space vehicles program product assurance report	1964
19640049381	A survey of current display and control concepts	1964
19640049383	Application study for large solid motors, volume ii technical report	1964
19640049386	Evaluation model of the effectiveness of the countdown-checkout phase of apollo pre-launch operations	1964
19640049387	Instrumentation plan for saturn i, block ii research and development vehicles	1964
19640049390	Influence of vibrational energy on metalworking processes interim engineering progress report, 4 oct. 1963 - 19 apr. 1964	1964
19640049391	Development of a transparent preservative compound for aircraft structural metals first quarterly report, 15 dec. 1963 - 14 mar. 1964	1964
19640049393	Electrostatic gyro evaluation program. volume iii, phase iii- gimbaled aesg test report final report	1964
19640049394	Optimal guidance for orbital transfer	1964
19640049395	Aerospace vehicle defense against laser radiation final report, 15 may 1963 - 15 feb. 1964	1964
19640049400	Electrostatic gyro evaluation program- system technique studies technical documentary report, jan. - jul. 1962	1964
19640049401	Thrust augmentation	1964
19640049402	Chemistry research quarterly progress report, january - march 1964	1964
19640049404	X-20 glider structures thermal analysis methods	1964
19640049408	Thor improvement program study	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049409	A research and development study of fuel and oil contaminants final report	1964
19640049410	High chamber pressure rocketry program eighth quarterly report, 1 feb. - 30 apr. 1964	1964
19640049411	Static wind tunnel and ballistic range tests for the mark 11 program summary report	1964
19640049412	Automatic light gas gun development technical documentary report, may 1962 - dec. 1963	1964
19640049417	Thermal arcjet research final report, mar. 1963 - feb. 1964	1964
19640049421	Weapon system 133a- rocket motor m57a1. minuteman stage iii. wing v preproduction - firing number 2-10-44 final report	1964
19640049422	Weapon system 133a- rocket motor m57a1. wing v pre-production - firing number 2-10-46 final report	1964
19640049424	Weapon system 133a- rocket motor m-57-e1. minuteman stage iii. flight test missile ftm 442 flight test evaluation report	1964
19640049425	Weapon system 133a- rocket motor m57e1. minuteman stage iii. flight test missile ftm 441 flight test evaluation report	1964
19640049426	Weapon system 133a- rocket motor m57e1. minuteman stage iii. flight test missile 443 flight test evaluation report	1964
19640049427	Preparation and characterization of a new high-energy oxidizer second quarterly progress report, 15 feb. - 14 may 1964	1964
19640049428	Target signature study sixth quarterly report, 1 dec. 1963 - 29 feb. 1964	1964
19640049432	Development and testing of advanced high- energy fluorine-containing solid propellants quarterly report, feb. 29 - may 28, 1964	1964
19640049444	Basic chemical research for advanced storable liquid propellant systems. volume 1 final report, 1 jul. 1960 - 30 sep. 1963	1964
19640049445	Precision forging program for turbine wheels and gears sixth interim technical progress report, 15 nov. - 15 feb. 1964	1964
19640049446	Pyrolyzed rayon fiber reinforced plastics	1964
19640049447	Superpower microwave windows final report, 2 jan. 1963 - 1 jan. 1964	1964
19640049449	Ceramic resonator materials for i.f. filters quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640049450	Coherent generation of light by chemical reactions final report	1964
19640049451	Experimental research on filamentized ceramic radome materials interim engineering progress report, 1 jan. - 1 apr. 1964	1964
19640049453	Casting and hot working of sound large diameter beryllium ingots final report, phase ii, 1 jan. - 1 apr. 1964	1964
19640049454	The penetration-standoff relation for idealized shaped-charge jets	1964
19640049455	Development of tungsten sheet by the use of ultra fine tungsten metal powder interim report, 26 jan. - 25 apr. 1964	1964
19640049456	The effect of environmental exposures on mechanical properties of several foil gage refractory alloys and superalloys yearly summary report, 15 may 1963 - 15 may 1964	1964
19640049457	Noise measurements as a tool in electron device research fifth quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640049458	Midas programming guide	1964
19640049460	High-power traveling-wave multiple-beam klystron seventh quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640049461	Large-area electronic display panel seventh quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640049462	Exploration and evaluation of new glasses in fiber form bi-monthly progress report, 1 may - 30 jun. 1964	1964
19640049463	Experimental double image enhancement viewer	1964
19640049464	Cooling devices evaluation final phase i test report, 24 jun. 1963 - 30 mar. 1964	1964
19640049465	Solid-state c-and x-band power source	1964
19640049466	Fundamental investigation of the catalytic degradation of hydrocarbon fuels third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640049467	Intermediates for high-temperature stable polymers	1964
19640049468	Application of weather radar to intensity of surface precipitation biannual report, 1 sep. - 29 feb. 1964	1964
19640049470	Environment stabilization of data processors program third quarterly report, 1 dec. 1963 - 29 feb. 1964	1964
19640049472	Frequency and wave-number shifts for non- linear waves in a "hot" plasma	1964
19640049473	The influx of geminid meteors relative to the sporadic background at magnitudes plus4 and plus8 research report no. 6	1964
19640049474	Functional extension of the human hands progress report, 1 oct. 1963 - 31 mar. 1964	1964
19640049475	Investigation of light scattering in highly reflecting pigmented coatings ninth progress report, apr. 1 - may 1, 1964	1964
19640049476	The safe processing of high specific-impulse propellants, 1 january - 31 march 1964	1964
19640049483	Microwave radiometer sensor study final report, jan. 14, 1963 - jan. 14, 1964	1964
19640049485	Project hawk- summary of system effectiveness	1964
19640049488	Electrostatic gyro evaluation program. volume ii- strapped-down aesg test report phase iii final report, may 1962 - mar. 1963	1964
19640049492	Abundances of na, sc, cr, mn, fe, co, and cu in 11 meteorites and 84 individual chondrules quarterly progress report, 1 mar. - 31 may 1964	1964
19640049493	Analytical and experimental determination of liquid hydrogen temperature stratification final report	1964
19640049504	Basic study of sorption of organic fuels during oxidation at electrodes tenth quarterly report, jan. 1 - mar. 31, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049505	Development of refractory ceramics that can be processed at temperatures considerably lower than their maximum use temperature	1964
19640049507	Flight report for vehicle s/n 20008/20008/ 20004 delta program - mission no. 23, spacecraft- relay a-16	1964
19640049509	<research directed toward the establishment of criteria for evaluating the subjective noisiness of aircraft sounds< quarterly progress report no. 11, 1 mar. - 1 jun. 1964	1964
19640049510	Development of vulcanized elastomers suitable for use in contact with liquid oxygen annual summary report, 9 may 1963 - 8 may 1964	1964
19640049511	<a compilation of nbs reports on radio communications< quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640049512	Experimental determination of transport properties of high temperature gases sixth quarterly progress report	1964
19640049513	Development of techniques for insulation wrappings of cryogenic containers second quarterly progress report, nov. 1963 - jan. 1964	1964
19640049515	Interference reduction techniques for nonlinear devices third quarterly progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640049516	Elastomeric gasket materials development for cryogenic applications annual summary report, 25 apr. 1963 - 15 jun. 1964	1964
19640049517	Transition fixing techniques and the interpretation of boundary layer conditions on slender wings in supersonic wind tunnels	1964
19640049518	A study of the lateral photo-electric /wallmark/ effect in silicon p-n junctions	1964
19640049519	Excitation temperature measurements of gases in an arc-heated wind tunnel at 1.3 x 10 ⁻² atmosphere, using relative intensities of spectral lines	1964
19640049520	Diffusion bonded honeycomb sandwich panels interim engineering progress report, 27 nov. 1963 - 27 jan. 1964	1964
19640049521	A study of manned interplanetary missions. volume iii- mission oriented studies follow- on final report	1964
19640049522	A study of manned interplanetary missions. volume iii supplement- mission oriented studies	1964
19640049523	A study of manned interplanetary missions. volume v- crew, payload, weights and parametric analyses a study of manned interplanetary missions. volume v- crew, payload, weights and parametric analyses	1964
19640049524	A study of manned interplanetary missions. volume v supplement- crew, payload, weights and parametric analyses	1964
19640049526	Rift moffett field requirements development. volume i- status report	1964
19640049527	Properties of insulation materials cryogenic environment final report	1964
19640049528	Rift radiation effects program. irradiation no. 10- strain gages and pressure gages	1964
19640049529	Application study for large solid motors, volume i technical report, jul. 1963 - mar. 1964	1964
19640049531	<a study of lunar craters and their relation to meteorites and asteroids annual report, 1 apr. 1963 - 31 may 1964	1964
19640049532	Investigation of tensions in liquids progress report	1964
19640049534	Mass transfer cooling in nitrogen and carbon dioxide gas streams	1964
19640049536	Ion rocket engine flight, development and supporting research quarterly progress report no. 2, 14 jan. - 13 apr. 1964	1964
19640049537	Design, development and fabrication of a digital force balance pressure transducer final report	1964
19640049538	Development of grease lubricants for high temperature ball and roller bearings of electrical equipment	1964
19640049539	Advanced orbital launch operations. volume ix- simulation model final report	1964
19640049540	Advanced orbital launch operations. volume vii- space mechanics final report	1964
19640049541	Low-cycle fatigue crack indications by strain gages operating in elastic strain fields	1964
19640049542	Solid propellant additives research quarterly progress report, period ending may 10, 1964	1964
19640049545	Millimeter wavelength power generation utilizing the phreatron effect third quarterly progress report, 1 dec. 1963 - 1 mar. 1964	1964
19640049547	Correlation of analytical, wind tunnel, and flight test data, appendix a	1964
19640049551	Research on millimeter ferromagnetic type parametric amplifier eighth quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640049552	Research on a broad band noise generator first interim report, 31 may 1963 - 31 jan. 1964	1964
19640049553	Research for consolidation of refractory metal ingots. phase iv interim engineering progress report, 1 jan. - 1 apr. 1964	1964
19640049555	Virtual orbital method and force constant calculations quarterly summary report, 1 jan. - 31 mar. 1964	1964
19640049556	High current superconductivity final report, 1 jul. 1961 - 28 feb. 1964	1964
19640049557	Radiation source design and development final report	1964
19640049558	Optimum damping of rotating space stations using reaction control	1964
19640049560	Optical interactions. the sputter program	1964
19640049562	Preliminary results of sound pressure level measurements during sa-6 launch	1964
19640049563	Preliminary results of sound pressure level measurements during sa-5 launch	1964
19640049564	Launch vehicle systems cost model technical report	1964
19640049565	Electromagnetic alkali metal pump research program quarterly progress report 2, 27 sep. - 27 dec. 1963	1964
19640049567	Investigation of s-iv all systems vehicle explosion	1964
19640049568	An investigation of saturn i /block ii/ command systems, radio frequency interference at the launch site	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049569	<theoretical and experimental research directed toward the design, construction and testing of a lunar seismograph system, including study of active systems for use in conjunction with roving surface vehicles< final report, 15 jun. 1959 - 30 sep. 1963	1964
19640049570	Study in plasma physics associated with the simulation of the interplanetary plasma technical status report, 5 mar. - 5 jun. 1964	1964
19640049571	A study of systems for space propulsion quarterly progress report no. 13, 1 feb. - 30 apr. 1964	1964
19640049572	Continuous microwave magnetic accelerator third quarterly progress report, 8 feb. - 7 may 1964	1964
19640049573	Effects of a simulated solar wind on the photometric properties of rocks and powders	1964
19640049576	Data booklet- saturn v service arms equipment and tail service masts, complex 39	1964
19640049577	Advanced vehicle technology monthly technical progress letter, june 1964	1964
19640049579	Negative-grid tubes for phased arrays second quarterly progress report, 1 oct. - 31 dec. 1963	1964
19640049580	Millimeter wave transitions for frequency control- development of a molecular frequency standard third quarterly report, 10 dec. 1963 - 10 mar. 1964	1964
19640049581	The hose instability dispersion relation	1964
19640049583	Relationship of intercept station position accuracy to emitter locating accuracy for a hyperbolic position locating system	1964
19640049584	Evaluation of engine performance analysis equipment second interim report	1964
19640049586	Electron tube research fifth quarterly report, 1 dec. 1963 - 29 feb. 1964	1964
19640049588	Development of a launch vehicle systems cost model volume i	1964
19640049589	The effect of high pressure on the conductivity of vapors first quarterly report, jan. 22 - apr. 30 1964	1964
19640049590	Electrode surface physics research quarterly progress report no. 1, 27 feb. - 31 may 1964	1964
19640049591	A study of manned mars exploration in the unfavorable time period /1975-1985/. volume ii- summary	1964
19640049592	Further investigation of notch sensitivity of refractory metals technical documentary report, 1 jan. - 31 dec. 1963	1964
19640049593	Applications report on manufacturing methods program for gallium arsenide solar cells	1964
19640049594	Laser /optical maser/ beam fusion welding interim engineering progress report, 1 feb. - 15 may 1964	1964
19640049595	Results of acoustic pressure wave experiments, project firefly iii, oct. - nov. 1962	1964
19640049596	A variational method of solution for problems in plane elasticity	1964
19640049597	Static strength tests at room temperature on lugs from bar material	1964
19640049600	Experimental investigation of transient response of thrust vectoring by secondary injection	1964
19640049601	Development of large diameter refractory metal ingots for subsequent working interim engineering progress report, 15 mar. - 15 jun. 1964	1964
19640049602	C-135b category ii performance tests	1964
19640049603	Manufacturing methods for high temperature coating of large molybdenum parts	1964
19640049604	Magnetohydrodynamic research at sheffield university	1964
19640049605	Research on durable fog-resistant coating for helmet visors technical documentary report, jan. - oct. 1963	1964
19640049606	Frequency tuning by paramagnetic resonance	1964
19640049607	Development of frontal section for super- orbital, lifting, re-entry vehicle. volume iii- asset nose cap final report, july 1961- may 1964	1964
19640049608	Special purpose analysis techniques quarterly report, 5 jan. to 4 apr. 1964	1964
19640049616	Hypersonic static longitudinal stability and axial force characteristics of three saturn ib upper-stage models	1964
19640049617	Rift radiation effects program- irradiations no. 4 and 6, cryogenic materials	1964
19640049618	Development of composite ionizer materials first quarterly report, mar. 2 - may 31, 1964 development of composite ionizer materials first quarterly report, mar. 2 - may 31, 1964	1964
19640049620	Rift manufacturing plan. volume 2- manufacturing development plan	1964
19640049622	Synthesis of inorganic polymer high temperature fluids technical documentary report, feb. 1963 - feb. 1964	1964
19640049623	Experimental determination of system parameters for thin-walled cylinders third quarterly technical progress report, 15 jan. - 15 apr. 1964	1964
19640049626	Transient radiation effects annual technical summary, 27 feb. 1963 - 25 feb. 1964	1964
19640049627	<investigation of rarefied gas flows< semi-annual status report, 1 nov. 1963 - 1 may 1964	1964
19640049628	<ignition, and combustion stability and efficiency, of solid propellants at low pressures< semi-annual status report, 1 oct. 1963 - 31 mar. 1964	1964
19640049631	Electro-chemical milling of steel alloys. further investigation of process operating characteristics and tool development	1964
19640049632	A sodium gas cell frequency standard	1964
19640049634	Thin films of ferrimagnetic oxides	1964
19640049638	Advanced air-breathing engine study second quarterly report, 6 jun. - 6 sep. 1963	1964
19640049640	Dual mode augmented ramjet propulsion systems for aerospace applications	1964
19640049641	Mosaic radar study program final report	1964
19640049643	Adam II V/STOL Design Concept	1964
19640049647	Thirty-Kilowatt Plasmajet Rocket Eng. Development Third Year Development Program Fourth Quarterly Progress Report, 1 Mar. - 31 May 1964	1964
19640049648	Development of pelletized propellant final report	1964
19640049653	Secondary injection thrust vector control study, volume i data analysis report, 1 jul. - 31 dec. 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049654	Secondary Injection Thrust Vector Control Study. Volume II - Test Data and Appendixes	1964
19640049655	Spectral Identification Adaptive Control System Study Final Report, Jun. 15 - Dec. 15, 1963	1964
19640049657	Study of processing history on fracture of materials at high strength levels progress report, aug. 1, 1963 - jan. 31, 1964	1964
19640049659	Noncommunications expendable jammer investigations. volume 3- mechanical development	1964
19640049661	Lunar mobile laboratory power system analysis	1964
19640049663	Measurement of aerodynamic heat transfer in intermittent wind-tunnels	1964
19640049666	Cabin wall cooling system for very high speed flight vehicles	1964
19640049669	Methods of measuring the rate of ablation of materials forming the skin of a rocket in flight	1964
19640049670	The bending of a long strip reinforced by transverse ribs	1964
19640049673	Post-saturn launch vehicles study. phase iii- class iv vehicles. volume iii- supplement, part 2b final report	1964
19640049674	Analysis of an arc-jet exhaust quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640049675	Aeromedical reports 1964	1964
19640049676	C-135b limited category ii stability and control tests	1964
19640049679	Development of manufacturing methods for lightweight metal foil heat exchangers interim technical documentary report no. 7, 18 dec. 1963 - 30 apr. 1964	1964
19640049680	Post-saturn launch vehicles study. phase iii- class iv vehicles. volume iii, supplement, part 2 a final report	1964
19640049681	Automated solution of combined interference matrices third quarterly report, 15 dec. 1963 - 15 mar. 1964	1964
19640049682	Manufacturing methods program for gallium arsenide solar cells final report, 15 jun. - 28 feb. 1964	1964
19640049683	Advanced orbital launch operations. volume v- requirements final report	1964
19640049686	Sert-i flight test program. ion rocket engine development. ion engine supporting research and evaluation quarterly progress report no. 1, 14 oct. 1963 - 13 jan. 1964	1964
19640049688	Compilation of Structural Inflight Heating Data Applicable to Large Launch Vehicles. Volume I - Theoretical Analysis Final Report, 1 Mar. 1963 - 10 Mar. 1964	1964
19640049689	Analysis of the mutual agreement between lunar maps, prepared by the army map service and the air force chart and information center	1964
19640049690	Research on metal-organic compounds for vapor-plating application quarterly progress report no. 3, 1 nov. 1963 - 31 jan. 1964	1964
19640049692	Investigation of practical techniques for coating refractory metals quarterly progress report no. 3, 1 nov. 1963 - 31 jan. 1964	1964
19640049694	Meteorological aspects of the sonic boom	1964
19640049695	Meteorological aspects of the sonic boom	1964
19640049696	A study of the background radiological activity in the soil and plant communities in the point arguello naval missile facility	1964
19640049699	Exploration and evaluation of new glasses in fiber form bi-monthly progress report no. 2, 1 mar. - 30 apr. 1964	1964
19640049700	Investigation of foamed metals for application on space capsules quarterly report no. 2, 1 oct. - 31 dec. 1963	1964
19640049701	Pre-flight failure discrepancy analysis of information processed during mar. 1964 medium space vehicles programs product assurance report	1964
19640049704	Investigation of the behavior of new plastic and composite materials test report no. 4	1964
19640049706	Development of fabric base materials for space applications technical documentary report, jul. 1962 - nov. 1963	1964
19640049707	Contamination control problems and contaminant effects on space vehicle systems, components and support equipment	1964
19640049709	Design, development and demonstration of on-off-on device for solid propellant rocket motors progress report no. 11, 10 may - 30 jun. 1964	1964
19640049727	Investigation of air separator contamination	1964
19640049732	An approach to re-entry thermal protection system development	1964
19640049745	Thin film techniques for silicon integrated circuits quarterly progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640049747	Stratified propellant flow model	1964
19640049748	Some examples of the use of a conical shadowgraph technique	1964
19640049750	On the theory of accommodation coefficients, vibration response functions and thermal motions of a simple lattice model	1964
19640049751	Siloxane/phosphate resin bonded asbestos laminates	1964
19640049753	The theory of induced electrical transients in unscreened aircraft armament wiring	1964
19640049754	Measurement of induced electrical transients in aircraft armament wiring	1964
19640049755	Instrumentation operations analysis, part 11b of the firing test report, saturn vehicle sa-5	1964
19640049757	Rcd-ms systems rocket cushioning device applied to modular seat	1964
19640049759	Advanced functional electronic block development final report, sep. 1962 - feb. 1964	1964
19640049760	An evaluation of titanium alloy sheets	1964
19640049761	An Experimental Study of a Warm Plasma - the Condensed Hollow Cathode Discharge Semi-Annual Report	1964
19640049762	Energy loss from a warm helium plasma by the diffusion of resonance radiation	1964
19640049763	The prevention of fretting fatigue in aluminium alloy structures	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049765	Fatigue tests of simulated wing skin structures suited for a mach 3 transport aircraft fourth quarterly report, 11 mar. - 10 jun. 1964	1964
19640049767	Impedance and radiation measurements on the nasa turnstile antenna for the asp missile	1964
19640049773	Designing for structural reliability	1964
19640049774	Laser materials final report, 1 apr. 1963 - 31 mar. 1964	1964
19640049778	The structural stability of welds in columbium alloys third quarterly progress report, 1 1 nov. 1963 - 1 feb. 1964	1964
19640049785	Analysis of research and technological impli- cations. launch vehicle systems cost model, volume v	1964
19640049787	Evaluation of the uh-1b with 60-gallon ex- ternal fuel tanks	1964
19640049788	Development of frontal section for super- orbital, lifting, re-entry vehicle- volume ii- materials and composite structure develop- ment final report, jul. 1961 - may 1964	1964
19640049789	Plane strain fracture toughness by the slow bend test and through-thickness tensile properties of unwelded 18 ni /250/ maraging steel plate 3/4 inch thick being studied for use in large solid-propellant booster rockets	1964
19640049790	Simplified analytical methods for use in pre- liminary design of vertically-rising vehicles subjected to wind shear loads. part 1- evaluation of methods	1964
19640049791	Theory of loaded scattering	1964
19640049792	Metallurgical research and development for ceramic electron devices seventh quarterly report, 1 jan. - 31 mar. 1964	1964
19640049793	Low-frequency combustion instability of solid rocket propellants technical progress report no. 360, 1 may 1963 - 31 may 1964	1964
19640049794	A study of techniques for monostatic synthetic aperture radar, volume iii	1964
19640049795	Metallurgical and electrochemical laboratories in germany. part ii- the polytechnic insti- tute, karlsruhe and munich and the max planck institut fur eisenforschung, dusseldorf	1964
19640049796	High /and some low/ energy physics at the universities of glasgow, edinburgh, durham and the dublin institute for advanced studies	1964
19640049797	The department of ceramics with refractories technology, university of sheffield	1964
19640049798	Metallurgical and electrochemical laboratories in germany. part i- the polytechnic insti- tute, aachen	1964
19640049799	A method of assessing the performance of an automatic landing system	1964
19640049804	The surface self-diffusion of copper as af- fected by environment	1964
19640049806	I.I.s. localiser feasibility study- mathemat- ical investigation of interference from over- flying aircraft	1964
19640049808	The strength in tension and compression of b.s. s.96 and b.s. s.98 steel bar at room temperature	1964
19640049809	A replication of chimpanzee performance during acceleration at sustained low levels	1964
19640049810	The vibrations of missiles	1964
19640049811	Optimum radar surveillance mode study technical report, jun. 1963 - mar. 1964	1964
19640049812	Base heating investigation of a ten-percent- scale model gemini retrograde adapter compart- ment	1964
19640049813	High temperature fire resistant fluids summary technical report, 1 dec. 1962 - 30 oct. 1963	1964
19640049814	The electrical conductivity of single crystal cr203 interim technical report, 15 feb. 1962 - 1 sep. 1963	1964
19640049815	The programming of a two-variable character- istics computation	1964
19640049817	Electron impact and thermal fragmentation patterns of 3,5-biphenyl-1,2,4-oxadiazole and 2,5-biphenyl-1,3,4-oxadiazole	1964
19640049818	The design-point performance of model internal-expansion propelling nozzles with area ratios up to 4 a digest of report no. r.258	1964
19640049819	Mathematical models for maintainability evaluation final report	1964
19640049824	Experimental evaluation of advanced propellants progress summary number 3, oct. 1963 - apr. 1964	1964
19640049825	An applied research program directed toward the performance demonstration and metal feed system investigation of the tripropellant concept final report	1964
19640049828	Investigation of a liquid injection, thrust vector control system for the wing vi stage ii minuteman /report ii of ii/	1964
19640049829	Investigation of propellant binder used in the mark 36 model 3 motor for sidewinder ic	1964
19640049833	Analytical and experimental evaluation of the supersonic combustion ramjet final summary report, feb. 1963 - feb. 1964	1964
19640049834	Wind tunnel investigation of a 1/6-scale f-111 inlet from mach numbers 1.70 to 2.5, phase iii	1964
19640049836	A study of techniques for nonostatic synthetic aperture radar, volume ii final report	1964
19640049845	Device for measuring diffuse skylight with a sounding rocket <gerat zur messung des diffusen himmelslichtes von einer messrakete aus<	1964
19640049846	The effect of walls on the motion of a sphere in a viscous fluid <uber den einfluss von wänden auf die bewegung einer kugel in einer reibenden flussigkeit<	1964
19640049847	Aerosol measurements of diffuse skylight taken from a rocket <aerosolmessungen mittels des diffusen himmelslichtes von einer rakete aus<	1964
19640049848	Hydromagnetic instabilities of the tubular pinch effect <die hydromagnetischen instabilitäten des hohlpincheffektes<	1964
19640049858	Follow-on flox testing program at sycamore first monthly progress report, 13 mar. - 26 apr. 1964	1964
19640049859	Follow-On Flox Testing Program at Sycamore Second Monthly Progress Report, 27 Apr. - 31 May 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049862	Optimization of a Manned Orbital Research Laboratory (MORL), System Concept, MORL Phase IIa Midterm Progress Report	1964
19640049864	System test objectives for nimbus meteorological satellite	1964
19640049867	Re-entry guidance studies using temperature rate sensing	1964
19640049878	Sm-68b launch and captive firing dynamic loads technical operating report	1964
19640049885	Investigation of factors affecting early exploitation of integrated solid circuitry. volume i- nondestructive testing for integral electronics interim engineering progress report, 1 mar. - 1 jun. 1964	1964
19640049886	Investigation of factors affecting early exploitation of integrated solid circuitry. volume ii- computer analysis of integral electronic devices interim engineering progress report, 1 mar. - 1 jun. 1964	1964
19640049887	Investigation of factors affecting early exploitation of integrated solid circuitry. volume iii- microelectronic devices. indexes of manufactures and standard circuits interim engineering progress report, 1 mar. - 1 jun. 1964	1964
19640049888	An isotropic plasma nomograph	1964
19640049889	Low-voltage arc studies third quarterly progress report, 1 dec. 1963 - 1 mar. 1964	1964
19640049890	Development of multifuel engines final formal report	1964
19640049893	Propulsion applications of supersonic combustion	1964
19640049895	Unsteady phenomena in shock waves interim report, 16 may	1964
19640049896	Titan ii missile n-23 final flight-test report	1964
19640049898	Measurement of fluid properties for magnetoplasma dynamic power generators fourth quarterly technical summary report, 1 feb. - 30 apr. 1964	1964
19640049899	Predicting the trajectory of earth satellites <uber die bahnvoraussage von erdsatelliten>	1964
19640049900	Mutations through cosmic radiation <mutationen durch kosmische strahlung>	1964
19640049902	A review of radio-active tracer applications in friction, lubrication and wear	1964
19640049903	A study of the spin-axis precession characteristics to be expected of the s53/uk3 satellite	1964
19640049905	Feasibility study of shielding techniques third quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640049906	Manufacturing method for making long lengths of high strength superalloy filaments interim technical documentary progress report, 15 feb. - 15 may 1964	1964
19640049909	Cell equalization techniques quarterly technical progress report, 1 apr. - 1 jul. 1964	1964
19640049910	Study of methods for improving synthetic quartz crystals final report, 29 may 1963 - 30 jun. 1964	1964
19640049914	Investigation of microwave dielectric-resonator filters third quarterly report, 1 jan. - 31 mar. 1964	1964
19640049915	Cadmium telluride devices final report, 15 apr. 1963 - 15 may 1964	1964
19640049916	Novel microwave filter design techniques fifth quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640049917	National physical laboratory- basic physics division	1964
19640049918	Tungsten inert gas arc welding titanium using a non-reactive flux interim engineering progress report, 1 mar. - 31 may 1964	1964
19640049919	Tropospheric refraction corrections and their residual errors technical staff technical report no. 1	1964
19640049920	Transistors, triode, silicon, pnp switching final report, apr. 1, 1963 - may 30, 1964	1964
19640049922	Semi-rigid or non-rigid structures for re-entry applications fifth interim engineering progress report, 15 mar. - 15 jun. 1964	1964
19640049923	Manufacturing methods, processes and development for cesium beam frequency standards, phase ii interim engineering progress report, 9 mar. - 9 jun. 1964	1964
19640049925	Point image spread function for nuclear eye-burn calculations	1964
19640049926	Sorption of hydrogen by glasses and ceramics fifth quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640049927	Study of pulsed radiation effects on microwave ferrite duplexers seventh quarterly report, 1 nov. 1963 - 29 feb. 1964	1964
19640049928	Long life electromagnetic relays fifth quarterly progress report, 15 jan. - 15 apr. 1964	1964
19640049929	Study of distortion in klystrons and traveling-wave tubes third quarterly progress report, 1 dec. 1963 - 28 feb. 1964	1964
19640049930	Lockheed independent development program for multilayer insulation systems progress report 1, may 1 - jul. 31, 1964	1964
19640049931	Interference light modulation recording techniques final report, 1 apr. 1963 - 1 apr. 1964	1964
19640049932	Some notes on the calibration of altazimuth instruments by means of star photography	1964
19640049940	Tests on pyrotechnic systems parachutes	1964
19640049941	Flight evaluation of the oh-ib helicopter equipped with an xm-5 armament kit	1964
19640049942	Activity changes in alpha-amylase solutions following their exposure to radio-frequency energy	1964
19640049943	The effects of radio-frequency energy on corynebacterium diphtheriae and clostridium welchii toxins	1964
19640049944	High temperature thermoelectric research quarterly progress report, 3 apr. - 30 jun. 1964	1964
19640049945	High temperature thermoelectric research supplement to quarterly progress report, 3 apr. - 30 jun. 1964	1964
19640049947	Thermoelectric materials for power conversion final report, 1 feb. 1963 - 31 jan. 1964	1964
19640049948	Equations of motion of a rigid projectile	1964
19640049949	Study of effect of high-intensity pulsed nuclear radiation on electronic parts and materials /score/ fifth quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640049951	Localization of sound. part 4- further developments in sound localization final report	1964
19640049952	The rationale for manned balloons	1964
19640049953	Tropical service life of electronic parts and materials annual interim report, 1 may 1963 30 apr. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640049954	Nonlinear semiconductors at millimeter frequencies third quarterly report, 1 dec. 1963 - 29 feb. 1964	1964
19640049955	Semiconductor microwave amplitude and phase modulator fourth quarterly report, feb. 16 - may 15, 1964	1964
19640049956	Thermal designs for micro modules final report, 1 may 1963 - 1 apr. 1964	1964
19640049957	Analysis of arc-heating phenomena in a tube	1964
19640049958	Large-area electronic display panel eighth quarterly progress report, 1 mar. - 31 may 1964	1964
19640049959	A review of the calculation of radar refraction errors	1964
19640049960	Analysis of the precision of atmospheric refractivity corrections to radar tracking measurements	1964
19640049961	An objective procedure for planning meteorological observations needed to calculate radar refraction errors interim report	1964
19640049962	Supersonic wind tunnel tests of several rocket sleds	1964
19640049963	The effect of austenizing conditions on the kinetics of martensite formation	1964
19640049964	Metal base transistor third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640049966	Development of hy 130/150 covered-electrode weld-metals, part 1 engineering and development report	1964
19640049967	<studies of transition metal - nonmetal and metmetal-boride, silicide- and germanide combinations> second technical status report, apr. 1 - jun. 30, 1964	1964
19640049968	Investigation of high-temperature refractory metals and alloys for thermionic converters	1964
19640049969	Scaling of plain and complex copper steels during oxidation at 900 degrees c and 1100 degrees c	1964
19640049970	Ionospheric research second quarterly progress report, 12 dec. 1963 - 11 mar. 1964	1964
19640049971	Pulsing and crosstalk studies in semiconductor circuits third quarterly progress report, 15 nov. 1963 - 14 feb. 1964	1964
19640049972	Hydrothermal growth of large ruby single crystals interim engineering progress report, 1 jan. - 31 mar. 1964	1964
19640049974	Applied research on field emission cathodes third quarterly report, 15 dec. 1963 - 15 mar. 1964	1964
19640049975	Dynamics of two-phase flow in rocket nozzles twelfth quarterly technical progress report, 1 feb. - 30 apr. 1964	1964
19640049976	Thermoelectric temperature control for quartz crystals and crystal oscillators third quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640049977	Dendritic solar cell and array investigation interim progress report, 1 mar. - 1 jun. 1964	1964
19640049978	Characteristics and methods of use of filter cap test fixture kits, ees-93256	1964
19640049979	Superpower millimeter wave tube first quarterly progress report, 15 oct. 1963 - 14 jan. 1964	1964
19640049981	Development of tunable preselectors /experimental model/ seventh quarterly progress report, 15 dec. 1963 - 14 mar. 1964	1964
19640049983	Research and development of high temperature film forming polymeric materials for saturn applications final summary report, may 17, 1963 - jun. 30, 1964	1964
19640049984	Gas-pressure bonding of beryllium gyro and stabilized platform components final report, dec. 1, 1963 - may 30, 1964	1964
19640049985	A study of manned interplanetary mission. volume vi- operations studies	1964
19640049986	Final results of sound pressure level measurements during sa-5 launch	1964
19640049991	[No Title]	1964
19640049995	Metallurgical investigation of pump thrust runners hardfaced with stellite i	1964
19640050006	Manufacturing methods for high energy metal hydrides interim technical progress report, 1 jan. - 31 mar. 1964	1964
19640050009	Para-ortho hydrogen conversion fourth quarterly progress report, mar. - may 1964	1964
19640050010	Precision glass crystal units quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640050011	Investigation of laser host materials final technical summary report	1964
19640050012	Negative-grid tubes for phased arrays quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640050013	An improved stable crystal oscillator for satellite use	1964
19640050014	High power microwave ferrites and devices fifth quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640050015	Feasibility of a hollow-cathode negative grid tube for vhf-uhf applications quarterly progress report 1 jan. - 31 mar. 1964	1964
19640050016	Research and development of a phased-array module third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640050017	Development of a Large Plasmajet Rocket Engine for Attitude and Orbit Control Final Report	1964
19640050018	Test of the Mithras, Inc., Boundary-Layer Mixing Model in the JPL 21-Inch Hypersonic and 20-Inch Supersonic Wind Tunnels	1964
19640050020	Castor II Rocket Motor Status Letter, 9 Apr. - 8 May 1964	1964
19640050021	Medium space vehicles programs monthly progress report, june 1964	1964
19640050029	Advanced Orbital Launch Operations. Volume VII - Technology Development Final Report	1964
19640050033	Procedural variables in the thermogravimetry of plastics technical documentary report, may 1963 - jan. 1964	1964
19640050034	Inorganic dielectrics research progress report, feb. 1, 1964 - apr. 30, 1964	1964
19640050035	The electron metallography of titanium alloys	1964
19640050036	The creep resistance at 400 and 450 deg c. and the resultant room temperature recovery tensile properties of the jessop-saville titanium alloy hylite 55	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050037	The creep resistance at 400 and 450degc and the resultant recovery room temperature tensile properties of the imi titanium alloy 679	1964
19640050038	The aerodynamic characteristics of saturn i/ apollo vehicles /sa-6 and sa-7/	1964
19640050039	The fo radical and high pressure reactions of n2f2 fifth quarter report, 1 feb. - 1 may 1964	1964
19640050041	Research on dielectrics for microwave electron devices seventh quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640050042	Delta range safety trajectory and aerodynamic data for the tiros i spacecraft mission, model no. dsv-3c, volume ii	1964
19640050043	Delta semi-annual technical progress report, november 1, 1963 - april 30, 1964	1964
19640050044	Command system study for the operation and control of scientific satellites final report, 1 jul. 1963 - 27 mar. 1964	1964
19640050045	Study of vortex-boundary layer interaction final report, period ending 26 jun. 1964	1964
19640050046	Retrorocket-parachute landing system study for earth and martian entry vehicles summary report	1964
19640050047	Study of the mechanics of non-newtonian fluids first annual status report, 26 jun. 1963 - 26 jun. 1964	1964
19640050048	Investigation of solid propellant rocket sealing techniques for space storage final report	1964
19640050049	Study of reignitable solid propellant grains leading to extinguishable and restartable solid propellant rocket motors sixth quarterly progress report, 22 apr. - 22 jul. 1964	1964
19640050051	Information on microelectronics for navy avionics equipment mu-notes no. 6	1964
19640050055	[No Title]	1964
19640050062	Stability analysis of saturn sa-6 with rate gyro for s-iv control damping	1964
19640050063	Acoustic emission under cyclic stress final report	1964
19640050064	Interference reduction techniques for receivers third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640050066	Research on the preparation of high tempera- ture nitrogen-containing heterocyclic compounds technical documentary report, 1 mar. 1963 - 9 feb. 1964	1964
19640050072	Materials for potassium lubricated journal bearings quarterly progress no. 3, 22 oct. 1963 - 22 jan. 1964	1964
19640050074	Optical absorption and photoluminescence of doped gaas and /inxga1-x/as technical report no. 5064-2	1964
19640050075	Research on surveillance radar receivers and transponders eighth quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640050078	Development of a high-temperature, nuclear- radiation-resistant pneumatic power system for flight vehicles quarterly report, 24 mar. - 24 jun. 1964	1964
19640050079	Band structure and electron-electron inter- actions in copper and silver - photoemission studies	1964
19640050080	An expanded principle of correspondence for the determination of quantities of state	1964
19640050081	Study and modification of convective storms final report, apr. 1, 1963 - mar. 31, 1964	1964
19640050082	Modification of a bendix model 12-101 time-of- flight mass spectrometer for ionization and appearance potential studies	1964
19640050085	The design, fabrication and installation of a wire-grid lens for hf radio direction finding	1964
19640050090	The effect of wetting on the opening characteristics of paratrooping parachutes	1964
19640050092	Test performed by librascope reliability department on 2n910, npn silicon planar tran- sistors manufactured by fairchild semi- conductors evaluation report	1964
19640050093	Growth of automation in apollo prelaunch checkout- volume i, go/no-go testing	1964
19640050108	Rift systems analysis. volume viii- structural loads	1964
19640050114	Rift reliability program plan	1964
19640050124	<rft program< monthly technical progress report, aug. 1962	1964
19640050130	Rift manufactruing plan. volume 5- cryogenic insulation plan	1964
19640050138	Miniature precision coaxial cable assemblies quarterly progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640050140	Silica fiber/core-sheath fiber quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640050141	Parametric analysis of the regular reflection of air blast	1964
19640050142	Diffacted air shock pressure loading on a low profile three-dimensional model	1964
19640050143	High "g" telemetry for ballistic range instrumentation	1964
19640050144	Low temperature battery /new magnesium anode structure/ first semi-annual report, 1 oct. 1963 - 31 mar. 1964	1964
19640050145	Microelectronic power supplies interim report, dec. 28, 1963 - mar. 25, 1964	1964
19640050146	Research studies of high-density plasmas tenth quarterly progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640050147	Detonation reaction control /small impulse engine/ technical documentary report, 1 mar. 1963 - 31 mar. 1964	1964
19640050148	Development of aircraft ejection seat cata- pults t19 and t19e1	1964
19640050149	Evaluation of a uh-id 48-foot rotor equipped with an xm-ge2 armament kit	1964
19640050150	An experimental investigation of boundary- layer transition on flat plates at mach numbers 5, 8, and 10	1964
19640050151	Study of noise in semiconductor devices third quarterly report, feb. 1 - apr. 30, 1964	1964
19640050152	The thermal stability of some cyclohexylsil- anes	1964
19640050154	Fundamental investigation of the catalytic degradation of hydrocarbon fuels quarterly progress report, apr. 1 - jun. 30, 1964	1964
19640050155	Fuel cell catalysts quarterly report, 1 dec. 1963 - 29 feb. 1964	1964
19640050156	Development and delivery of a very low-noise traveling-wave tube amplifier third quarterly progress report, 1 jan. - 31 mar. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050157	Phenomenon of superconductivity progress report, dec. 1, 1963 - may 31, 1964	1964
19640050158	Research and development of miniature, environmentalized, electrostatic image orthicon third quarterly progress report, 1 mar. 1963 - 31 may 1964	1964
19640050160	Alleviation of thermal stresses in skin-web combinations by means of bi-metallic construction final technical report, 1 jul. 1962 - 30 jun. 1963	1964
19640050161	30 kilowatt ion rocket engine system study final report	1964
19640050162	Peak overpressure vs scaled distance for tnt surface bursts /hemispherical charges/	1964
19640050163	Microbial contamination in a clean room when occupied by operating personnel protection branch test report of test no. 1-65	1964
19640050164	Conduct research on the effect of very strong fields and of magnetic field-free environments on man and animals progress report 1 may - 31 jul. 1964	1964
19640050165	Investigation of boundary layer transition progress report, apr. 1 - jun. 30, 1964	1964
19640050166	An ion gyrofrequency phenomenon	1964
19640050167	Investigations of ion beam diagnostics final report	1964
19640050168	Advanced ion beam diagnostic techniques	1964
19640050169	Ion engine testing techniques	1964
19640050170	A plasma potential probe using electron time- of-flight	1964
19640050171	Observations of neutralized ion thrust beams in the 25-meter nasa testing chamber	1964
19640050172	Fabrication and delivery of electric field strength meters final report	1964
19640050173	Design, development, and fabrication of a floating emissive probe for ion beam diagnostics final report	1964
19640050175	Investigation of long term exposure effects under stress on supersonic transport structural alloys first monthly progress report, jun. 11 - jul. 31, 1964	1964
19640050177	The control and use of drag-free satellites	1964
19640050178	Energy considerations relating to viscoelastic materials	1964
19640050179	Approximate solution of the trouser leg problem	1964
19640050180	Some comments on the structural integrity of large solid rocket motors	1964
19640050181	Growth of automation in apollo prelaunch checkout- volume ii- added roles	1964
19640050182	High Temperature Measuring Device	1964
19640050183	<quantitative study of accessory minerals in meteorites< semi-annual status report, nov. 1, 1963 - jul. 1, 1964	1964
19640050184	<a study of atomic and molecular collision phenomena by high velocity atomic and molecular beams< second semi-annual report, period ending 31 jun. 1964	1964
19640050185	Research on vibration-output angular motion sensors sixth status report, 1 dec. 1963 - 31 may 1964	1964
19640050186	Characteristics of magnetoplasmas semiannual status report no. 9, nov. 1, 1963 - apr. 30, 1964	1964
19640050187	Algol Solid Rocket Motor Program Monthly Progress Report No. 34, Mar. 1964	1964
19640050188	Development of a technique for determination of component shock specifications quarterly report no. 3, 20 feb. - 19 may 1964	1964
19640050189	<research in high-temperature transport properties. relaxation effects in transport phenomena and scattering phenomena< semiannual status report no. 10, oct. 1963 - apr. 1964	1964
19640050190	Research on techniques and procedures for the cultivation of hydrogen-fixing bacteria fifth quarterly status report, 1 apr. - 30 jun. 1964	1964
19640050191	Liquid alkali metal investigation quarterly letter report, 1 apr. - 30 jun. 1964	1964
19640050194	Programming for the saturn i s-i stage automatic checkout system	1964
19640050195	Heat-flux-transducer designs and effect of thermal disturbances on transducer performance monthly progress report	1964
19640050196	Development of a Space Navigational Celestial Body Tracker Monthly Progress Report No. 11, 1 Apr. - 1 May 1964	1964
19640050198	Development of seals and sealants for use at cryogenic temperatures final summary report, 1 jul. 1963 - 30 jun. 1964	1964
19640050199	Calculation of spin-spin interaction integrals	1964
19640050200	Pressurized star crack	1964
19640050201	On the propagation of failure in a biaxial stress field	1964
19640050202	Modulus determination of polymers at low temperatures	1964
19640050203	Post-saturn launch facilities study, phase ii, part ii. volume i- summary report	1964
19640050205	Pulse counting detectors for low energy particles and high energy photons final report, 19 jun. 1963 - 19 feb. 1964	1964
19640050209	Guide for environmental protection when using electrical ground equipment within the areas of saturn complexes where hazardous area exist	1964
19640050210	Multiple beam vibration analysis of saturn i and ib vehicles	1964
19640050211	Development of high strength, low density composite materials for saturn applications quarterly progress report, 1 jan. - 1 apr. 1964	1964
19640050212	Forward scatter observations in the antarctic during the 1qsy. phase i- instrumentation and activation final report	1964
19640050213	Feasibility study for a vertical linear oscillator final report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050214	A feasibility and test program of integral mandrels for large solid-propellant motors fourth monthly status letter	1964
19640050215	Test performed by librascope reliability department on 2n930 npn silicon planar transistors manufactured by texas instruments	1964
19640050216	The Effect of Gas Sterilization /Ethylene Oxide/ on Various Electronic Components	1964
19640050217	Report on saturn i-apollo unsteady aerodynamics	1964
19640050218	Discrepancy Analysis of Preflight Equipment Failures	1964
19640050219	Nasa vehicle 6009 final calibration report revision	1964
19640050220	System test objectives for ego project flights	1964
19640050225	Manufacturing methods for silicon dendrite solar cells interim engineering progress report, 1 feb. - 30 apr. 1964	1964
19640050226	Experimental determination of system parameters for thin-walled cylinders first annual summary report	1964
19640050227	Research into new approaches for vhf filter crystals quarterly report, 1 feb. - 30 apr. 1964	1964
19640050228	Retrorocket-parachute Landing System Study for Earth and Martian Entry Vehicles Final Report	1964
19640050230	Investigation of the stress-corrosion cracking of high strength aluminum alloys summary report, may 6, 1963 - may 6, 1964	1964
19640050231	Complete general protuberance heat transfer test test plan	1964
19640050232	Goddard monitor programs. project mercury	1964
19640050233	Post-saturn launch facilities study. phase ii, part ii. volume ii- engineering data	1964
19640050234	Analysis of lunar surface vehicles for lunar exploration system for apollo. volume ii - summary digest final report	1964
19640050239	Weston voltmeter model 3911 test report	1964
19640050240	Electronic specialty co., sensitive relays, r400-i-b-5k/6/ and r805-4-a-5k test report	1964
19640050246	Laboratory and full-size studies with steerable parachutes	1964
19640050247	Landing rocket - gliding parachute landing systems for manned spacecraft	1964
19640050249	Development and present-day status of photo-elasticity and photoplasticity within the framework of experimental work on elasticity in general	1964
19640050250	Polyvinylphthalic acid and related polymers technical documentary report, 15 apr. 1963 - 15 feb. 1964	1964
19640050251	Research on the synthesis of phenylene-r polymers technical documentary report, 1 apr. 1963 - 29 feb. 1964	1964
19640050252	Proceedings of the second tropospheric refraction effects technical review meeting, volume ii	1964
19640050253	The troposphere and its influence on spacecraft tracking. a general description	1964
19640050254	The real time compensation for tropospheric effects on the measurement of range and range rate	1964
19640050255	Accuracy of tropospheric refraction correction procedures	1964
19640050256	Tracking data accuracy	1964
19640050257	Correction of radar elevation angles less than one degree	1964
19640050258	Tracking errors at low elevation angles due to tropospheric refractive effects	1964
19640050259	Measurements of radar pointing errors at low-elevation angles and comments on n-bar approach to refraction error corrections	1964
19640050260	Multipath propagation	1964
19640050261	Canadian reflection-interferometer elevation angle error measurements	1964
19640050262	Refraction effects activity	1964
19640050271	The first mode coupling factors for vlf aeriels	1964
19640050272	The digilock biorthogonal coded telemetering system	1964
19640050273	Slv-1b test code b final report	1964
19640050275	Wind tunnel tests of improved static-pressure-sensing probes at supersonic mach numbers	1964
19640050276	The fo radical and high pressure reactions of n2f2 sixth quarterly report, 1 may - 1 aug. 1964	1964
19640050277	Improved radiator coatings, part i technical documentary report, apr. 1, 1963 - apr. 1, 1964	1964
19640050278	Research on organic depolarizers eleventh quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640050279	Separation and interlacing theorems with applications to the characteristic numbers of two-layer sturm-liouville systems	1964
19640050281	Properties of n, n'-bis-trimethylsilyl-tetramethylcyclodisilazane and other 4-membered silicon- and nitrogen-containing rings	1964
19640050282	N, n'-trimethylsilyl-tetramethyl-cyclodisilazane	1964
19640050283	Development of c-band ferrite duplexer second quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640050284	<telescopic and lab. res. activities to determine characteristics of planets, meteorites, and asteroids> annual report, dec. 1, 1962 - nov. 30, 1963	1964
19640050285	Meteorite investigations by x-ray fluorescence analysis	1964
19640050286	Studies in planetary photography-1	1964
19640050288	Tv mosaic display generator group design plan	1964
19640050289	Superpower millimeter wave tube second quarterly progress report, 15 jan. - 14 apr. 1964	1964
19640050290	Feasibility study of a replaceable electron source for traveling wave tubes used in phased array applications first quarterly progress report, 15 jan. - 15 apr. 1964	1964
19640050291	Development of electron gun with non-intercepting grids third quarterly progress report, 15 dec. 1963 - 15 mar. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050293	Engine operating problems in space. volume ii- environmental effects on engines and components final report, 15 feb. 1962 - 14 mar. 1964	1964
19640050294	Integrated approach to metal fatigue interim report no. 4, apr. 15 - jul. 15, 1964	1964
19640050295	Development of low temperature dielectric coatings for electrical conductors monthly report for jul. 1964	1964
19640050296	Investigation of sputtering effects on the moon's surface fifth quarterly status report, 25 apr. - 24 jul. 1964	1964
19640050298	Research program for the long term testing of cylindrical diodes and the radiation of fuel and insulator quarterly progress report, dec. 18, 1963 - mar. 17, 1964	1964
19640050299	<studies of apollo contingency planning> quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640050300	Quarterly progress report of the radio systems division, no. 11, january - march 1964	1964
19640050301	Structural testing of mechanical blind bolts final report	1964
19640050302	The productivity of federally financed re- search and development, part i semiannual report, dec. 1, 1963 - may 31, 1964	1964
19640050303	Nasa space station questionnaire, concept 1	1964
19640050304	Nasa space station questionnaire, concept 2	1964
19640050335	A non destructive test for adhesive bonded joints	1964
19640050339	Effects of varied loading paths on fatigue endurance. part ii- some load fatigue properties of h46 at room temperature	1964
19640050340	Effects of varied loading paths on fatigue endurance. part iii- some stress fatigue properties of h46 at elevated temperatures	1964
19640050341	An investigation into mixing between by-pass air and turbine exhaust gases. part 1- experimental facilities and procedure	1964
19640050344	Apollo checkout system study letter report second quarter, 1964	1964
19640050345	Electrical insulators for very high temperatures third quarterly report, mar. 1 - may 31, 1964	1964
19640050347	Surface ionization phenomena status report, jan. 1 - jun. 30, 1964	1964
19640050349	Thermal scale modeling of the temperature control model of mariner mars 64 phase ib preliminary report	1964
19640050350	High magnetic field superconducting properties of nb3sn films quarterly progress report no. 2, apr. 1 - jun. 30, 1964	1964
19640050353	An investigation of interdiffusion in metallic single crystals	1964
19640050354	Metallurgical research in great britain. v- nottingham university	1964
19640050355	Preliminary wind-tunnel investigation of a 1/11-scale powered model c-2a cod airplane. part i- symmetrical and asymmetrical power effects on longitudinal stability and control	1964
19640050356	Preliminary wind-tunnel investigation of a 1/11-scale powered model c-2a cod airplane. part ii- symmetrical power effects on lateral-directional stability and control	1964
19640050357	Solid state laser amplifier, formerly cw solid state lasers /new frequencies/ quarterly report, 1 dec. 1963 - 29 feb. 1964	1964
19640050359	Analytical and experimental study of ablation material for rocket-engine application interim summary report, mar. 18, 1963 - mar. 17, 1964	1964
19640050360	High pressure large flow rate flexible con- nector system final report	1964
19640050373	Transient radiation effects on electronic parts interim final report, 1 apr. 1962 - 15 jun. 1964	1964
19640050374	An investigation of the coefficients of friction and wear property of wire brush skids constructed with rene 41 bristles	1964
19640050375	35-ft ring-slot parachute extraction system development	1964
19640050376	Utilization of organic materials for molecular electronics technical documentary report, 1 jun. 1963 - 31 may 1964	1964
19640050377	Reliable, low cost, stable resistors /general purpose/ quarterly report, feb. 1 - apr. 30, 1964	1964
19640050378	Communications cable for tropical jungle use	1964
19640050379	Development of initiator, xm41, and supplemen- tary testing for project mercury	1964
19640050380	Extended pioneer study final report	1964
19640050397	Medium Space Vehicles Programs Monthly Progress Report, Mar. 1964	1964
19640050400	Rift Systems Analysis. Volume I- Vehicle Description and Summary	1964
19640050403	An investigation into mixing between by-pass air and turbine exhaust gases. part ii- experimental results at a by-pass ratio of 0.65	1964
19640050405	A fast direct solution of poisson's equation using fourier analysis technical report no. 0255-1	1964
19640050406	Measurement techniques for obtaining transmitter spectral output. volume ii final report	1964
19640050407	A study of propagation medium rf noise	1964
19640050408	Some problems in the field of atomic physics in regard to the generation of light in luminous tubes <einige atomphysikalische probleme der lichterzeugung in leuchtrohren>	1964
19640050411	Characteristics of photon-coupled systems technical report no. 4814-1	1964
19640050412	Synthesis of threshold logic networks techni- cal report no. 6764-1	1964
19640050414	Solid state panel display technical documentary report, jun. 1, 1963 - may 31, 1964	1964
19640050415	The determination of design criteria for grade cfz graphite progress report, 1 apr. - 30 jun. 1964	1964
19640050416	Establishment of manufacturing methods for crossed-field amplifiers at p-, s-, and x-bands interim engineering progress report, 1 may - 31 jul. 1964	1964
19640050417	Developing technology to forge unclad beryllium, phase iii interim engineering report, may 1 - jul. 31, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050418	Composite ceramic radome manufacture by mosaic techniques interim engineering progress report, 1 may - 31 jul. 1964	1964
19640050419	Complex shapes by slip casting interim progress report /phase 1/, may - 1 aug. 1964	1964
19640050420	Manufacturing in-process control and measuring techniques for integral electronics interim engineering progress report, 1 mar. - 31 may 1964	1964
19640050421	Symposium on modern methods for the analysis of organic compounds, eindhoven, netherlands, 20-23 may 1964	1964
19640050422	Further notes on military medical research in france	1964
19640050423	Some research centers for optics and spectro- scopy in scandinavia. i- norway	1964
19640050424	Some research centers for optics and spectro- scopy in scandinavia. ii- sweden	1964
19640050425	Some research centers for optics and spectro- scopy in scandinavia. iii- denmark	1964
19640050426	Optics and spectroscopy in the london area. iii- imperial college of science and tech- nology	1964
19640050427	Development of improved processes for filament-wound reinforced plastic structures interim technical documentary progress report, 1 may - 31 jul. 1964	1964
19640050428	Tungsten alloys for rocket nozzles quarterly progress report, may - jul. 1964	1964
19640050429	The design, fabrication and installation of a wire-grid lens for hf radio direction finding	1964
19640050430	Development of frontal section for super- orbital, lifting, re-entry vehicle. volume i- trajectory and vehicle analyses technical documentary report, jul. 1961 - may 1964	1964
19640050431	Evaluation and performance comparison of two j79-ge-8 core afterburning engines having both standard and modified turbine clearances	1964
19640050433	Advanced technology. advanced booster	1964
19640050439	An experiment indicating magnetic phenomena in superconductors. part 1- torsional magnetic moments	1964
19640050440	Conference on high energy physics, rutherford laboratory	1964
19640050442	Aerodynamic characteristics of blue goose missile configurations at supersonic speeds	1964
19640050443	A compact null-reading, tilting-u-tube micromanometer with an entirely rigid liquid container	1964
19640050444	Molecular applications to infrared search- track equipment technical documentary report, jun. 1961 - may 1964	1964
19640050448	Silicon carbide, 500 deg. c power rectifiers interim engineering report, apr. 1 - jun. 31, 1964	1964
19640050452	Fuel and oxidizer ducting system for the s1-c stage of the c-5 saturn vehicle monthly progress report, 1 - 30 sep. 1962	1964
19640050453	C & c subsystem engineering analysis report, agena vehicles 6006 through 6009 /nasa ranger program/	1964
19640050454	Life in Extraterrestrial Environments Quarterly Status Report, May 15 - Aug. 15, 1964	1964
19640050456	Development of electrical switchgear for space nuclear electrical systems quarterly progress report no. 2, oct. 16, 1963 - jan. 16, 1964	1964
19640050458	Cryogenic research and development fourteenth progress report, period ending 30 jun. 1964	1964
19640050459	Some aspects of the state distribution of military prime contract awards working paper 6408	1964
19640050460	A simulation for sensitivity testing of various parameters involved in apollo flights	1964
19640050461	Selection of spares and redundancy for the apollo spacecraft	1964
19640050462	Perturbation theory of one-electron diatomic molecules- i. homonuclear	1964
19640050463	Study of dynamic and static seals for liquid rocket engines. volume i final report, feb. 26, 1963 - nov. 30, 1963	1964
19640050465	Study of dynamic and static seals for liquid rocket engines. volume 3- final report, feb. 26 - nov. 30, 1963	1964
19640050466	Study of crossed-field amplifiers quarterly progress report no. 2, 15 oct 1963 - 15 jan. 1964	1964
19640050469	Acoustic Noise from a Cavitating Venturi	1964
19640050470	Symposium on signal processing in radar and sonar directional systems	1964
19640050471	Conference on semiconductors	1964
19640050472	Low cost microcircuits for microassemblies third quarterly report, jan. 1 - apr. 1, 1964	1964
19640050473	Divalent rare-earth ions in optical maser materials semiannual progress report, jan. 1 - jun. 30, 1964	1964
19640050474	Digital computer peripheral memory third quarterly report, jan. 1 - mar. 31, 1964	1964
19640050475	Research on a broad band noise generator second quarterly progress report, 31 jan. - 30 apr. 1964	1964
19640050476	Continuous processes for functional electronic blocks interim technical documentary report, 1 apr. - 30 jun. 1964	1964
19640050477	Yat-28e limited category ii systems evaluation	1964
19640050478	Research and development program- intrinsic reliability subminiature ceramic capacitors quarterly report, 1 mar. - 31 may 1964	1964
19640050479	On the experimental determination of the sedi- mentation equilibrium second virial coeffi- cient in selected polymeric solutions final report, jun. 1, 1960 - may 31, 1964	1964
19640050480	Mass spectroscopic analysis of temperature decomposition products of chromyl nitrate and some reactions of manganese compounds with dinitrogen pentoxide quarterly report, apr. 1 - jun. 30, 1964	1964
19640050481	Mechanical tests at room and elevated temper- atures on hiduminium 100 /s.a.p./. part i- tensile tests on 16 s.w.g. sheet	1964
19640050482	Design and development of radio set an/grc103 semi-annual progress report, oct. 1, 1963 - mar. 31, 1964	1964
19640050483	Field effect and space-charge-limited thin film triodes quarterly report, 1 jan. - 31 mar. 1964	1964
19640050484	Extreme vacuum technology /below 10 minus 13 torr/ and associated clean surface studies quarterly status report no. 5, 1 may - 1 aug. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050490	Research on microwave window multipactor and its inhibition seventh quarterly progress report no. 7, 1 jan. - 31 mar. 1964	1964
19640050492	The protection of tungsten from oxidation at high temperatures with silicon carbide coatings	1964
19640050493	Van der waals forces for the inert gases	1964
19640050494	High efficiency transistor structures final progress report, 1 jul. 1962 - 31 mar. 1964	1964
19640050495	Low permeability vapor barrier development final report	1964
19640050496	Operation of the power information center annual report no. 4, 1 aug. 1963 - 31 jul. 1964	1964
19640050505	Apollo checkout system study letter report, first quarter 1964	1964
19640050507	Evaluation of uh-1d 48-foot roter with kelleet 60-gallon external fuel tanks	1964
19640050509	Paramagnetic resonance in the solid state semi-annual report no. 1, jul. 1, 1963 - jan. 31, 1964	1964
19640050510	Applied research in thin-film field-emission tubes sixth quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640050511	Millimeter generation and nonlinear propaga- tion in ferromagnetics report no. 6, 1 jan. 31 mar. 1964	1964
19640050513	Plume optical radiance probe semi-annual technical summary report no. 1 and 2	1964
19640050514	Low temperature refractory metal-to-ceramic seals second quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640050516	Research and development of a phased-array module fourth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640050517	Nonlinear semiconductors at millimeter fre- quencies report no. 4, 1 mar. - 31 may 1964	1964
19640050518	Engineering design testing of central attitude and navigation display system final report	1964
19640050519	50 kv pulse cable assemblies final report, aug. 1, 1961 - dec. 31, 1963	1964
19640050520	Functional electronics blocks manufacturing methods program interim engineering progress report, 1 mar. - 30 may 1964	1964
19640050521	Electronic specific heat and saturation magnetization of cr-fe and fe-co alloys	1964
19640050522	Interference reduction techniques for nonlinear devices final report, 1 apr. 1963 - 31 mar. 1964	1964
19640050523	Aerodynamic characteristics of a 0.04-scale model of the blue goose missile at transonic speeds	1964
19640050524	Measurment of wind shear, 1 january 1963 - 31 march 1964	1964
19640050525	The movement of high-current arcs in transverse external and self-magnetic fields in air at atmospheric pressure	1964
19640050526	Flagstaff cumulus studies	1964
19640050527	Convective precipitation in the lee of an isolated peak	1964
19640050528	Aircraft traverses in a growing mountain cumulus cloud	1964
19640050529	Computations on cloud growth related to seeding	1964
19640050530	Ice crystal development in a seeded cumulus cloud	1964
19640050531	A system for computing ice phase hydrometeor development	1964
19640050532	Continuous particle sampler	1964
19640050533	Continuous sampler for settling particles	1964
19640050534	Observations of hydrometeor charge evolution in thunderstorms	1964
19640050535	Self-charging of melting ice	1964
19640050536	Development of composite structural materials for high temperature applications progress report, 1 mar. - 30 may 1964	1964
19640050537	Applied research investigation of an unusual sensing technique for obtaining the time derivatives required for vehicles stabilization technical documentary report, oct. 1963 - dec. 1963	1964
19640050538	Crystal chemistry of ceramic dielectrics quarterly report no. 4 /final/, 15 jan. - 15 mar. 1964	1964
19640050540	Aerospacecraft performance optimization and design evaluation. variational analysis and application	1964
19640050541	Kinetics of chemical reactions in gases at high temperatures by gas dynamic techniques semi-annual status report, 1 nov. 1963 - 30 apr. 1964	1964
19640050543	A mobile automatic counting facility	1964
19640050546	Applied research on high resolution film scanning final report, phase i	1964
19640050547	Heat and mass transfer to, from, and within cellulosic solids burning in air	1964
19640050549	Instrumentation operations analysis. part iib- saturn vehicle sa-6 firing test report	1964
19640050550	Feasibility study for a large blast simulator, volume report	1964
19640050551	A study of phycophysiology in controlled environments semiannual status report no. 8, 1 oct. 1963 - 31 mar. 1964	1964
19640050552	Carbon dioxide and cell division	1964
19640050553	Organic synthesis in algal cells separated into age groups by fractional centrifugation	1964
19640050554	Aging at the cellular level	1964
19640050555	The mechanism of the light requirement for heterotrophic growth in chlorella vulgaris beyerinck	1964
19640050556	Growth and metabolism of chlorella pyrenoidosa chick, van niel's strain, during substitution of rubidium for potassium 1,2,3	1964
19640050557	Scheduling of apollo in-flight checkout	1964
19640050558	<activities of the theoretical chemistry institute< semi-annual report no. 4, 1 jan. - 30 jun. 1964	1964
19640050559	Runway and aerial tests of aircraft ejection seat systems and components. f-101 integrated oxygen system, f-101 man-seat separator system, f-105 survival kit, and t-33 low-level escape system	1964
19640050560	Notch effect on bars subjected to bending	1964
19640050561	Quantum descriptions on communication theory technical report no. 0415-1	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050562	Noise source for millimeter wavelength quarterly progress report no. 3, 1 jan. - 1 apr. 1964	1964
19640050563	Non-blooming image orthicon third quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640050564	Weight analysis report, model x-20, volume vi	1964
19640050565	Weight analysis report, model x-20, volume vii	1964
19640050567	Shielding requirements for radioisotopic power sources	1964
19640050569	Research investigations on photo facsimile transmission techniques quarterly progress report no. 7, 1 jan. - 31 mar. 1964	1964
19640050571	A Study of Several Numerical Methods for Solving a Particular System of Ordinary Differential Equations	1964
19640050572	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen quarterly report no. 4, 1 may - 31 jul. 1964	1964
19640050573	Electrical propulsion in space- mission comparisons, development cost, reliability, and their implications for planning	1964
19640050574	Engine operating problems in space. vol. iii- improvement of system reliability final re- port	1964
19640050575	Final test method for optical unit	1964
19640050576	Nonvacuum electron beam welding interim technical documentary progress report, 1 may - 31 jul. 1964	1964
19640050577	Manufacturing in-process control and measur- ing techniques for integral electronics interim engineering progress report no. 1, 1 feb. - 30 apr. 1964	1964
19640050578	Development of production methods for high- temperature coating of large tantalum parts interim engineering progress report, 1 jun. - 31 aug. 1964	1964
19640050579	Machinability of materials interim engineer- ing progress report, 15 may - 15 aug. 1964	1964
19640050580	Development of manufacturing process for forging engine parts made from beryllium interim engineering progress report 15 may - 31 aug. 1964	1964
19640050581	The thermophysical properties of plastic materials from -50 deg f to over 700 deg f final report, 1 may 1962 - 15 jan. 1964	1964
19640050582	Special techniques for measuring material properties technical documentary report, jan. 1963 - jan. 1964	1964
19640050583	The boron trifluoride catalyzed polymerization of diazomethane	1964
19640050584	Longitudinal force characteristics of two affdl mdf-4 high lift-to-drag configurations at mach number 19	1964
19640050585	Dynamic and static stability testing of the aerobee 150a at supersonic and hypersonic speeds	1964
19640050586	Thin films formed by electrochemical reactions final technical report, 1 jun. 1963 - 31 may 1964	1964
19640050587	Impurity profile in the oxide region final report, 1 jan. 1961 - 29 feb. 1964	1964
19640050588	Synthesis of panchromatic photosensitizing dyes. part i- synthesis technical documentary report, 1 apr. 1963 - 31 mar. 1964	1964
19640050590	Solid state laser amplifier quarterly report, 1 mar. - 31 may 1964	1964
19640050591	Research and development on photoconductive photo-tape summary report	1964
19640050593	A study of the influence of heat treatment on microstructure and properties of refractory alloys technical documentary report, 1 jan. 1963 - 30 jun. 1964	1964
19640050594	Preliminary wind-tunnel investigation of a 1/11-scale powered model c-2a cod airplane. part iii- longitudinal characteristics in the presence of a ground board	1964
19640050596	High power microwave ferrites and devices fifth quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640050597	Transient radiation effects on passive parts seventh quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640050598	Determination of thermal stresses produced by rings attached to cylindrical containers	1964
19640050599	Research on millimeter ferromagnetic type parametric amplifier ninth quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640050600	Pulse coherent transponder third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640050601	Energy conversion characteristics of crossed- field injected-beam amplifiers technical report no. 67	1964
19640050602	Random vibration terminology and analysis equipment stability of spherical plates the mechanism of stress corrosion of titanium alloys exposed to sodium chloride at elevated temperatures quarterly status report, period ending 31 jul. 1964	1964
19640050603	Launch vehicle systems cost model- research and technology implications	1964
19640050617	The h-1 engine uprating study third informal monthly status report	1964
19640050618	Study of equilibrium air total radiation progress report no. 1, may 15 - aug. 15, 1964	1964
19640050619	Advanced systems testing on a manned orbital space station	1964
19640050621	Identifying optimum parameters of hot extrusions progress report no. 1, apr. 17 - jul. 13, 1964	1964
19640050622	F-1 engine improvement and applications study first informal monthly status report	1964
19640050623	A study of polymers containing silicon- nitrogen bonds progress report, aug. 4 - sep. 3, 1964	1964
19640050624	The magnetosphere of the moon	1964
19640050626	Analytical vibration prediction quarterly progress report no. 4	1964
19640050628	Discrepancy analysis of preflight equipment failures medium space vehicles programs	1964
19640050629	Advanced vehicle technology monthly technical progress letter	1964
19640050630	Feasibility investigation of rocket engine analyzer and decision instrumentation for saturn v vehicle second monthly progress report, jul. 1 - 31, 1964	1964
19640050631	Master list of reports saturn s-ivb program	1964
19640050632	Application of electric propulsion for selected unmanned nasa space missions final report	1964
19640050633	Reentry vehicle trajectory analysis technical analysis report	1964
19640050635	Comparison and discussion on wake flow field calculation	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050636	A high power 60 gc source final report, may 1963 - mar. 1964	1964
19640050638	Weight analysis report, model x-20, volume ii	1964
19640050639	Astronautics and aeronautics- a chronology of science, technology, and policy	1964
19640050640	Comparative ablation tests of arc-deposited and pyrolytic graphite slender cones	1964
19640050641	Tube voltmeter for the loss-free measurement of higher voltages <rohrvoltmeter zur verlustfreien messung hoherer spannungen<	1964
19640050642	Experiences with and improvements of the tube volt-meter for the loss-free measurement of higher voltages <erfahrungen und verbesserungen am rohrvoltmeter zur verlustfreien messung hoherer spannungen<	1964
19640050643	Contribution to the solution of the non-linear vlasov equation <zur losung der nicht- linearen vlasov-gleichung<	1964
19640050644	Paradoxical body weight patterns in certain heart patients due to negative insensible perspiration <paradoxes verhalten des korpergewichtes gewisser herzkranker durch negative perspiratio insensibilis<	1964
19640050645	Mechanism of gluconeogenesis after oral administration of cortisol /hydrocortisone/ <uber den mechanismus der gluconeogenese nach oraler cortisol gabe<	1964
19640050646	The glycolytic enzyme pattern of the liver, kidney, skeletal and heart muscle, and brain in the rat and mouse <das glykolytische enzymmuster von leber, niere, skelettmuskel, herzmuskel und grosshirn bei ratte und maus<	1964
19640050647	Effect of the posterior pituitary antidiuretic hormone on the morphology of the adrenal cortex in water intoxication <effetto dell' ormone antidiuretico post-post-ipofisario sulla morfologia cortico-surrenale da intossicazione idrica<	1964
19640050648	Applications of the endocrine effects of hyperhydration in man <applications a l'homme des effets endocriniens de la surcharge hydrique<	1964
19640050649	Extracellular fluid and water intoxication in pregnancy <el liquido extracelular y la intoxicacion acuosa en la gestacion<	1964
19640050650	Postoperative water intoxication <intoxicacion acuosa postoperatoria<	1964
19640050651	Chronic hyperhydration <vlekly prebytek vody<	1964
19640050653	Radiation effects on microwave devices third quarterly progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640050654	Development of a standard comparison test procedure for initiators monthly technical progress report, 22 jun. - 21 jul. 1964	1964
19640050659	The centaur high energy upper stage status report	1964
19640050660	Snap 11 surveyor program tenth quarterly progress report, 1 may - 31 jul. 1964	1964
19640050663	Estimation of the parameters of the law of distribution of a random function with limited a priori data <otsenka parametrov zakona raspredeleniya sluchainoi funktsii pri ogranichennykh apriornykh dannyykh<	1964
19640050664	Alcoholic decomposition of polycarbonates	1964
19640050665	Some measurements of the drag due to slush on an ambassador aircraft	1964
19640050667	The r.a.e. high temperature testing facility. a comparison with the hounsfield tensile testing machine at room temperature	1964
19640050668	A summary of the theory of random processes	1964
19640050669	Spectral absorptance of metal surfaces within the solar spectral bandwidth	1964
19640050672	Feasibility testing 30 percent flox with atlas oxidizer system components final report	1964
19640050673	A Study of the Conceptual Design of Reusable Ten-Ton Orbital Carrier Vehicles Final Oral Presentation	1964
19640050674	Phase II Preliminary Design Reusable Ten Passenger Orbital Carrier Vehicle Final Oral Presentation	1964
19640050675	Saturn/Apollo, SA-6 Tests Results, Part 1 Firing Test Report	1964
19640050676	Research on a Hydrogen-fluorine Propulsion System Monthly Status Report No. 8, 1-31 May 1964	1964
19640050678	Uncoated SPO Propellant Development Final Report	1964
19640050681	High Performance Apollo Propulsion System Study. Volume I- Summary Final Report	1964
19640050683	Experimental contribution to the study of adaptive endocrinal responses to hyperhydration <contribution experimentale a l'etude des reactions endocriniennes d' adaptation a la surcharge hydrique<	1964
19640050684	State and trends in the development of ground effect machines <stand and tendenzen der bodeneffectgerate-entwcklung<	1964
19640050685	Edemas and hyperhydration in early infancy <les oedemes et les etats de surcharge hydrique dans le premier age<	1964
19640050686	The change of blood serum concentration after water intake <die konzentrationsveranderung des blutserums nach wasseraufnahme<	1964
19640050687	Investigations into causes of postoperative retention of water and electrolytes <untersuchungen uber die ursachen der postoperativen wasser-und elektrolytretention<	1964
19640050688	Investigations into causes of postoperative retention of water and electrolytes <untersuchungen uber die ursachen der postoperativen wasser-und elektrolytretention<	1964
19640050689	Water intoxication, osmotic nephrosis and postoperative anuria <wasservergiftung, osmotische nephrose und postoperative anurie<	1964
19640050690	The influence of intake of various liquids on water balance of the organism at rest and at work <uber den einfluss verschiedenartiger getrankezufuhr auf den wasserhaushalt des organismus bei korperruhe und arbeitsleistung<	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050691	A particular type of toxic condition of an infant with hypotonic plasma and cellular hyperhydration <sur un type particulier d'etat toxique du nourrisson avec hypotonie plasmatique et hyperhydratation cellulaire<	1964
19640050692	The effect of water and sodium chloride intake on sodium chloride content in human perspiration and blood at high ambient temperatures <untersuchungen uber die warmeregulation. i. mitteilung. uber die wirkung der wasser- und kochsalzaufnahme auf den kochsalzgehalt im menschlichen schweiss und blut bei hoher umgebungstemperatur<	1964
19640050693	Water poisoning <vattenintoxikation<	1964
19640050694	Variations in ph and alkaline reserve during intoxication by guanidine or by water /either alone or together with posterior pituitary extract/ <variations du ph et de la reserve alcaline au cours des intoxications par l'eau /seule ou associee a l'extrait retrohypo-physaire/ et par la guanidine<	1964
19640050695	Note on sio and si203 phases in thin films <zur kenntnis der sio-und si203-phase in dunnen schichten<	1964
19640050696	The iron-cobalt-chromium system <das system eisen-kobalt-chrom<	1964
19640050697	Inhibitions and normal and abnormal sensitized emissions <inhibitions et emissions sensibilisees normales et anormales<	1964
19640050698	Broadening of the rays of the sodium arc under the influence of the intermolecular stark effect <elargissement des raies d'arc du sodium sous l'influence de l'effet stark intermoleculaire<	1964
19640050699	The behavior of small animals under the accelerative conditions found in space travel <uber das verhalten kleiner tiere unter raumfahrtbedingten beschleunigungen<	1964
19640050700	Water intoxication in children with mal-nutrition <l'intoxication par l'eau des enfants malnutris<	1964
19640050701	Free, plane, laminar jet of a noncompressible fluid in the presence of a transversal magnetic field <jet libre plan, laminaire, d'un fluide incompressible en presence d'un champ magnetique transversal<	1964
19640050702	Theoretical study of turbulent saline diffusion in a conduit in continuous service <etude theorique de la diffusion saline turbulente en conduite en regime permanent<	1964
19640050703	Clinicobiological and electrocardiographical observations before and after intense overexertion in long-distance runners	1964
19640050704	Nuclear interplanetary mission study summary report	1964
19640050705	Investigation of kilovolt ion sputtering progress report no. 1, apr. 17 - jul. 31, 1964	1964
19640050706	Study of the properties and structure of purified mammalian adenosine deaminase isolated from calf intestine quarterly technical status report no. 8, 1 oct. - 31 dec. 1963	1964
19640050707	Selecting between redundancy and repair in manned spacecraft- a designers tool	1964
19640050711	Microcircuits for linear communications functions final technical report, 1 jul. 1963 - 5 jun. 1964	1964
19640050713	Selection of launch vehicles, spacecraft, and missions for exploration of the solar system	1964
19640050716	H-1 engine uprating study fourth informal monthly status report	1964
19640050729	Tungsten alloys for rocket nozzles fourth quarterly report, feb. - apr. 1964	1964
19640050730	A study of design guidelines for sterilization of spacecraft structures final report	1964
19640050731	Operational and functional analysis for a space flight guidance research facility	1964
19640050732	Tests of the x-15 model for nasa flight research center in the jpl 20-inch supersonic and 21-inch hypersonic wind tunnels	1964
19640050739	High Performance Apollo Propulsion System Study, Volume IV Final Report	1964
19640050742	Gemini Launch Vehicle Final Structural Loads and Stiffness Data Report	1964
19640050743	An Experimental Study of Heat Transfer to a Steel Plug in a Hot Gas Valve	1964
19640050748	High Performance Apollo Propulsion System Study, Volume III Final Report	1964
19640050761	An experimental investigation of the adaptive potential of species or populations of mammals for withstanding environmental stressors semi-annual status report, jan. 1 - jun. 30, 1964	1964
19640050762	Energy dissipation characteristics in tissue for ionizing radiation in space progress report no. 7, 1 jun. - 31 aug. 1964	1964
19640050763	<research relevant to frequency-sharing communications satellites systems< quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640050764	Studies of the brittle behavior of ceramic materials final report, 15 jan. 1963 - 15 feb. 1964	1964
19640050765	Strain rate effects	1964
19640050766	Internal friction and creep in polycrystalline alumina	1964
19640050767	Effect of surface energy	1964
19640050768	Fracture mechanisms	1964
19640050769	Effects of impurities on the properties of ceramics	1964
19640050770	Effects of thermal-mechanical history on the mechanical properties of ceramics	1964
19640050771	Effects of polyaxial stresses	1964
19640050772	Influence of surface conditions on strength of oxides	1964
19640050773	Residual stresses in oxide ceramics	1964
19640050774	Strength-grain size-porosity relations in alumina	1964
19640050775	Hot extrusion of mgo and al2o3 powders	1964
19640050776	Usaf-swri aerospace bearing conference, march 25th-27th, granada hotel, san antonio, texas interim note	1964
19640050778	Fatigue tests on aluminum alloy forgings	1964
19640050779	Investigation of the formation of vapour bubbles on a heated surface <issledovanie obrazovaniya puzyr'kov para na poverkhnosti nagreva<	1964
19640050780	Journey to the epicentre of a polemic <puteshestvie k epitsentru polemiki<	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050781	A method of recording thermomechanical curves of polymers -k metodike registratsii termomekhanicheskikh krivyykh polimerov<	1964
19640050782	The refractive index and verdet constant of inert gases at ultraviolet wavelengths	1964
19640050783	The calculation of cross sections for electron ionization of atoms using classical mechanics	1964
19640050784	Carcinogenic potential of space radiation semi-annual report,	1964
19640050785	Notes on system theory, volume v	1964
19640050786	Digitalization of continuous control systems	1964
19640050787	Some theorems on combining linear inequalities	1964
19640050788	A conjecture on the properties rc-rl networks	1964
19640050789	A gain-band width limitation for an n-varactor parametric amplifier	1964
19640050790	On the equivalence partitioning of linear modular circuits	1964
19640050791	A note on a correction to a result of dobrushin	1964
19640050792	A remark about invertible boolean functions	1964
19640050793	On the asymptotic number of automata	1964
19640050794	Time-varying networks - state variables and stability	1964
19640050795	Sufficient conditions for the existence of a solution to a continuous linear programming problem and a corresponding duality theorem	1964
19640050796	A minimal representation for a cascade of lattice networks	1964
19640050797	Equilibrium, controllability and stability of n.p.f.m. control systems	1964
19640050798	On the evaluation of optimal and non-optimal control strategies	1964
19640050800	Proceedings of the second tropospheric refraction effects technical review meeting, volume iii	1964
19640050801	Radc exploratory research program in propaga- tion as it relates to range instrumentation	1964
19640050802	Tropospheric phase path fluctuations at s-band	1964
19640050803	Target accuracy - radio seeing through the troposphere	1964
19640050804	The dual-cavity refractometer	1964
19640050805	New values of the optical air mass and the refraction and comparison with previous tables	1964
19640050806	Refractometer activity	1964
19640050811	Development of improved cutting tool materials interim progress report, 1 dec. 1963 - 29 feb. 1964	1964
19640050812	Development of improved cutting tool materials interim engineering progress report, phase ii, 1 mar. 1963 - 31 may 1964	1964
19640050813	Nuclear geoplosics - a sourcebook of under- ground phenomena and effects of nuclear explosions. part one-theory of directly induced ground motion	1964
19640050814	Nuclear geoplosics - a sourcebook of under- ground phenomena and effects of nuclear explosions. part two-mechanical properties of earth materials	1964
19640050815	Nuclear geoplosics - a sourcebook of under- ground phenomena and effects of nuclear explosions. part three-test sites and instrumentation	1964
19640050816	Nuclear geoplosics - a sourcebook of under- ground phenomena and effects of nuclear explosions. part four-empirical analysis of ground motion and cratering	1964
19640050817	Nuclear geoplosics - a sourcebook of under- ground phenomena and effects of nuclear explosions. part five-effects on under- ground structures and equipment	1964
19640050818	Digital Computer Programs for Rocket Nozzle Design Analysis. Vol III - Bell Nozzle Performance	1964
19640050819	Solar, lunar and plasma physics research at the lockheed california company	1964
19640050820	Computation of quick look orbital parameters	1964
19640050821	Engineering lunar model surface /elms/	1964
19640050822	Termination characteristics of the thiokol tx13-32 solid-propellant rocket motor at various simulated altitudes	1964
19640050823	Research and development long life k-band coaxial magnetron final technical report no. 11, 1 jul. 1960 - 10 jun. 1964	1964
19640050824	Apl geodetic satellite project /anna/ status report, apr. - jun. 1964	1964
19640050826	Research on experimental heat of vaporization and enthalpy measurements of oxygen-nitrogen- argon mixtures quarterly progress report, 1 apr. - 1 jul. 1964	1964
19640050828	Large segmented, fiberglass reinforced, plastic rocket motor cases interim engineering progress report, 1 may - 31 jul. 1964	1964
19640050829	Development of joining techniques for td-nickel interim progress report, 1 may - 31 jul. 1964	1964
19640050830	Research on thermoplastic tape transport final report, 1 jul. 1962 - 30 mar. 1964	1964
19640050831	Calibration tests of a litton hades air data probe configuration at mach numbers of 1.5 to 10	1964
19640050832	Polypuenyl chemistry, 1,3,5-hexatrienes, and elimination reactions over alomina	1964
19640050833	Investigation of high emission density cathode interim engineering progress report, 23 apr. - 22 jul. 1964	1964
19640050834	Research for consolidation of refractory metal ingots, phase iv interim engineering progress report, 1 apr. - 1 jul. 1964	1964
19640050835	Development of c-band ferrite duplexer first quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640050836	Fuel cells quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640050837	Solid-state maser research /optical/ quarterly report, 14 feb. - 14 may 1964	1964
19640050838	Large motor case technology evaluation progress report, jun. 11 - sep. 11, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640050839	Mechanical and physical properties of super alloy and coated refractory alloy foils yearly summary report, 15 may 1963 - 15 may 1964	1964
19640050841	Effect of protective coatings on the stress- corrosion properties of supersonic-transport skin materials seventh quarterly status report, 1 jun. - 31 aug. 1964	1964
19640050842	Development of thermal protection system for a cryogenic spacecraft module monthly progress report no. 2, 31 jul. - 31 aug. 1964	1964
19640050843	The effect of high pressure on the conductivity of vapors second quarterly report, 1 may - 31 jul. 1964	1964
19640050844	An analysis of the quasi-steady liquid-gas interface in an axisymmetric tank during low gravity transfer final report	1964
19640050894	An analysis technique for investigating aerospace data link susceptibility to electromagnetic interference technical documentary report, jul. 1963 - may 1964	1964
19640050895	A brief note on periodic disturbances in a laminar shear layer	1964
19640050896	Studies in the relativistic theory of inter- acting particles final report	1964
19640050897	Coordinate conditions	1964
19640050898	A study of geodesic motion in the field of schwarzschild's solution	1964
19640050899	The connection between conservation laws and laws of motion in affine spaces	1964
19640050900	The theory of systems with internal degrees of freedom lecture notes	1964
19640050906	Process development for hot-cold forging metastable austenitic high-strength steel final technical documentary report, 20 jun. 1962 - 30 apr. 1964	1964
19640050909	Research on processing high performance porous tungsten interim engineering progress report, 15 apr. - 15 jul. 1964	1964
19640050910	Long-distance vhf communications ground antenna array /single bay/ first interim report, 21 jul. - 31 aug. 1964	1964
19640050911	Long-distance vhf communications ground antenna array /single bay/ second interim report	1964
19640050912	Effects of plant growth hormones on plant development in the absence of gravitational effects final report, sep. 1, 1962 - aug. 31 1964	1964
19640050919	Astronaut-crew requirements for apollo in- flight operations	1964
19640050920	Computer oriented research in the space related sciences semi annual status report, mar. - aug. 1964	1964
19640050921	The st124 inertial space platform. phase ii- radiation test program book i	1964
19640050922	The st124 inertial space platform. phase ii- radiation test program book 2	1964
19640050931	Study of thin film compounds formed from simultaneously evaporated constituents fourth quarterly report, mar. 1 - jun. 30, 1964	1964
19640050941	Expandable space structure semirigid or nonrigid structures for space application. volume 1- report summary final report, 1 nov. 1962 - 15 jun. 1964	1964
19640050943	Research on chemical /cw/ inert polymer and reactant structures	1964
19640050944	The structural stability of welds in columbium alloys technical documentary report, 1 may - 1963 - 31 may 1964	1964
19640050968	Research leading to optimum fibrous structures of ht-1 yarn technical documentary report, feb. 1962 - jan. 1964	1964
19640050993	The mechanism of cortex stabilization of the arc discharge	1964
19640050997	Fiber reinforced boron phosphate structural composites technical documentary report, jan. - dec. 1963	1964
19640050998	Self-cooled rocket nozzles quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640051000	Effect of processing variables on crack propagation of high-strength steels and titanium quarterly progress report, 15 nov. 1963 - 15 mar. 1964	1964
19640051001	A controlled-atmosphere microscope drybox final report	1964
19640051002	Evaluation of fluid mass flowmeters	1964
19640051003	Aerodynamic evaluation of sa-6 flight	1964
19640051007	Field intensity efficiency of vehicular antenna at-912/xs-2/vrg	1964
19640051023	Weapon system 133a- rocket motor m57a1, wing v preproduction. firing number 2-10-42 final report	1964
19640051024	Weapon system 133a- rocket motor m57a1, wing v preproduction. firing number 2-10-43 final report	1964
19640051025	Weapon system 133a- rocket motor m57a1, wing v preproduction firing number 2-10-45 final report	1964
19640051030	Non-planar reflector array /arpon/ study first quarterly report, rev. a, 1 nov. 1963 - 1 feb. 1964	1964
19640051032	An/fps-85 space track radar quarterly technical documentary report no. 5	1964
19640051033	Spectrum signature collection plan for radar system an/fps-49	1964
19640051034	Acceptance test report for the an/fsm-17 final report	1964
19640051035	A summary and analysis of the missions, configurations, and flight loads of the atlas sm-65 series b-e missile	1964
19640051037	An/asm-13 antenna pattern measurements of fps-35 radar, thomasville, alabama final report	1964
19640051041	Force and flutter tests on delta wings at supersonic speeds	1964
19640051042	Handling of toxic propellants in altitude test facilities	1964
19640051043	Simulated Altitude Testing of the Aerojet- General Corporation AJ10-137 Rocket Engine- Mission Duty Cycles (Report 5, Phase 1 Development Test) Technical Documentary Report, Mar. 20 and Apr. 4, 1964	1964
19640051044	Performance of a rocket engine/nozzle ejector <rene< model rocket cluster	1964
19640051048	Test series report on lockheed nitroplastisol propellants	1964
19640051049	Self-cooled rocket nozzles, volume 1 summary report, 1 jul. 1962 - 30 jun. 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051051	Propulsion engine test cell /j-5/ shakedown. phase iv- simulated altitude firing of a wing vi stage ii minuteman motor	1964
19640051054	Postoperative aqueous intoxication <intoxica- cion acuosa post-operatoria<	1964
19640051055	Recent research on the theory of bonded joints	1964
19640051056	The problem of plasticity in beryllium <das plastizitatsproblem des berylliums<	1964
19640051057	Novel procedure for the study of the freezing range of unsaturated polyester resins <neues verfahren zum studium des einfrierbereiches an ungesattigten polyesterharzen<	1964
19640051058	Recent studies on the behavior of jets <etudes recentes sur le comportement des jets<	1964
19640051059	The nature of water intoxication <uber das wesen der sogenannten wasserintoxikation<	1964
19640051062	Separation of rdx and hmx by thin-layer chromatography technical report no. 151	1964
19640051066	Manufacturing in-process control and measure- ment techniques for integral electronics /connections and lifetime/ interim engineer- ing progress report, 1 apr. - 30 jun. 1964	1964
19640051067	Research on synthesis of fluorine-containing heteroatomic polymers	1964
19640051068	Coefficients of dissymmetry and flattening, spectra and correlations in turbulence in conduits <coefficients de dissymetrie et d'aplatissement, spectres et correlations en turbulence de conduite<	1964
19640051069	Contribution to the theory of the elastic limit of iron and mild steels <contribution a la theorie de la limite elastique du fer et des aciers doux<	1964
19640051070	Electron microprobe analysis of pressure- sintered tantalum carbide containing small additions of manganese and nickel <unter- suchungen mit dem elektronenstrahl- mikroanalysator an druckgesintertem tantalkar- bid mit geringem mangan- und nickelumsatz<	1964
19640051071	The effect of a transverse magnetic field on boundary layer separation <l'effet d'un champ magnetique transversal sur le decolle- ment<	1964
19640051072	Experiments on the Single Scattering of Electrons	1964
19640051073	Free, plane, laminar jet of an incompressible fluid whose viscosity is equal to the magnetic diffusivity <jet libre, plan, laminaire, d'un fluide incompressible dont la viscosite est egale a la diffusivite magnetique<	1964
19640051074	Free, plane, laminar jet of an incompressible fluid in the presence of a transverse magnetic field <jet libre plan, laminaire, d'un fluide incompressible, en presence d'un champ magnetique transversal<	1964
19640051075	Water intoxication by dialysis during the postoperative period	1964
19640051076	Testing equipment at the fluid mechanics laboratories of the university of grenoble <installation d'essais des laboratoires de mecanique des fluides de l'universite de grenoble<	1964
19640051077	Helical eddies of delta wings <tourbillons en cornets des ailes delta<	1964
19640051078	The fluorescence of nh-radicals during the photo-dissociation of nh3 in the vacuum-ultra-violet <fluoreszenz von nh-radikalen bei der photodissoziation des nh3 im vakuum-uv<	1964
19640051079	The development of the schultze duplication from the egg of rana fusca, parts i-iv <die entwicklung der schultzeschen doppelbildungen aus dem ei von rana fusca, teil i-iv<	1964
19640051081	Electron beam welding in variable environ- ments interim technical documentary progress report, 16 apr. - 15 jul. 1964	1964
19640051082	Development of refractory ceramics that can be processed at temperatures considerably lower than their maximum use temperature	1964
19640051083	Theoretical study of the coupling between the solar wind and the exosphere quarterly status report no. 5, 23 jun. - 22 sep. 1964	1964
19640051084	Flexible glass fibers technical documentary report, 1 apr. 1963 - 31 mar. 1964	1964
19640051086	Development and qualification of cutter, powder actuated, reefing line, xm9, xm10, xm11, xm12, and xm13	1964
19640051089	Basic factors in the formation and stability of non-soap greases for high temperature applications, part i technical documentary report, 1 apr. 1963 - 28 feb. 1964	1964
19640051090	Stress corrosion cracking in martensitic high strength steels quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640051092	Research investigation of mechanical properties of selected high purity magnesium oxide quarterly progress report no. 1, 15 jan. - 15 mar. 1964	1964
19640051093	Rigidization techniques for integrally woven composite constructions third quarterly report, 1 jan. - 31 mar. 1964	1964
19640051094	Isostatic compaction of metal powders in conventional molding tools	1964
19640051095	5-inch flightweight evaluation rocket for the nasa m-2 vehicle	1964
19640051096	Systematic investigation of crater formation in metals	1964
19640051097	Electromagnetics and radioastronomy near paris	1964
19640051098	Shielded ceramic composite structure interim engineering progress report, 1 jun. - 31 aug. 1964	1964
19640051099	Permeability changes in yeast cells after x-irradiation and starvation	1964
19640051100	Ventral surgical exposure of basi-occiput and tympanic bulli of the cat	1964
19640051101	Category 11 stability and control tests of the hh-43b helicopter technical documentary report, 4 dec. 1962 - 13 feb. 1963	1964
19640051102	Research in high-energy oxidizers annual summary report, 10 jun. 1963 - 9 jun. 1964	1964
19640051103	Research on the response of reinforced solid propellants technical summary report.	1964
19640051113	Radar sensors and associated devices seventh quarterly progress report, 15 mar. - 15 jun. 1964	1964
19640051114	The compilation of representative sensor imagery technical documentary report, 29 apr. 1963 - 25 jan. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051115	Optical contrast seeker program and techniques for passive homing guidance	1964
19640051116	Research and development of high energy oxidizers report no. 1, 15 apr. - 30 jun. 1964	1964
19640051117	X-band electromagnetic amplifying lens second quarterly report, 25 feb. - 25 may 1963	1964
19640051119	A study of the explosion limits of simple difluoramino compounds quarterly techni- cal summary report no. 5, 1 apr. - 30 jun. 1964	1964
19640051127	Magnetic thin-sheet memory quarterly report, 1 jan. - 31 mar. 1964	1964
19640051128	Influence of grain morphology on the ductile-to-brittle transition in tungsten first quarterly progress report 1 jan. - 15 apr. 1964	1964
19640051130	Useful high-altitude nuclear-effects computer programs. volume 2- geomagnetic codes	1964
19640051132	Cesium analysis study quarterly progress report no. 2, oct. 1963 - 31 jan. 1964	1964
19640051136	An illustrative area defense ground posture for nato's central front	1964
19640051139	A study of techniques for monostatic synthetic aperture radar, volume i final report	1964
19640051141	An/fsm-17 antenna pattern measurements of the fps-27 radar, crystal springs, mississippi final report	1964
19640051142	Non-planar reflector array /arpon/ study second quarterly report, 1 feb. - 1 may 1964	1964
19640051144	Development of a high energy solid propellant final report	1964
19640051151	Investigation of advanced hybrid propellants quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640051152	Hybrid engine performance improvement program	1964
19640051153	Development of an extinguishable solid propellant technical progress report, 1 apr. - 30 jun. 1964	1964
19640051163	Altitude base heating and ballistic perform- ance tests of subscale second-stage minuteman wing vi motors	1964
19640051167	Biological effects of prolonged exposure of small animals to unusual gas environments semiannual report, 1 mar. - 31 aug. 1964	1964
19640051168	Computer technique for electron and ion gun design internal memorandum	1964
19640051171	Radiation effects parameters in nap applications second quarterly progress letter, sep. - nov. 1963	1964
19640051172	Metallurgy at mol center for nuclear physics in mol-donk	1964
19640051173	An investigation of re-entry configurations having large lateral range capability	1964
19640051174	Evaluation of automatic picture transmission ground station /aptgs/ /nasa model/	1964
19640051175	Synthesis and polymerization of fluorinated sulfur modified nitroso rubber quarterly report, 1 jan. - 31 mar. 1964	1964
19640051176	Interpretation of experiments on dissociative attachment or ionization of molecules	1964
19640051177	Development of composite ionizer materials second quarterly report, 1 jun. - 31 aug. 1964	1964
19640051178	Response of higher plants to high-intensity light. part i semi-annual report, dec. 1963 - jun. 1964	1964
19640051179	Ion engine supporting research and evaluation quarterly progress report no. 3	1964
19640051181	Study of deployment procedures for lunar exploration systems for apollo /lesa/, phase i, volume i interim report, 29 jun. - 28 aug. 1964	1964
19640051182	Study of deployment procedures for lunar exploration systems for apollo /lesa/, phase i, volume ii interim report, 29 jun. - 28 aug. 1964	1964
19640051188	Four dimensional radar resolution, volume i final technical report	1964
19640051191	The application of the para-ortho conversion reaction of hydrogen to orbital systems technical documentary report, nov. 1962 - feb. 1964	1964
19640051199	Aerodynamic characteristics of a blunt half- come entry configuration, with horizontal landing capability	1964
19640051203	Study of vortex gyro. part i- fluid vortex rate sensor technical documentary report, feb. 1962 - feb. 1963	1964
19640051206	Hypervelocity weapon feasibility study interim report, apr. 1963 - jan. 1964	1964
19640051209	<kramers' radiation studies, atomic line radiation, and high temperature air radiation tables< quarterly progress report	1964
19640051228	General problems associated with determining propellant and stage masses of space vehicles under prelaunch and flight conditions third quarterly progress report	1964
19640051230	Failure criteria for viscoelastic materials consolidated triennial report, 1 jul. 1961 - 30 jun. 1964	1964
19640051231	Physical metallurgy of tungsten and tungsten base alloys quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19640051233	Manned mars missions in the unfavorable /1975- 1985/ time period executive summary report	1964
19640051234	The feasibility of electron beam heating for re-entry simulation	1964
19640051235	Studies of lunar soil mechanics fifth quarterly progress report, jun. 15 - sep. 15, 1964	1964
19640051236	Determination of mechanical and physical property data of several foil gage refractory alloys and superalloys quarterly progress report no. 3, 16 nov. 1963 - 15 feb. 1964	1964
19640051237	Investigation of electrocaloric effects in ferroelectric substances status report no. 1, mar. 1 - aug. 31, 1964	1964
19640051238	The use of pathogen-free plants in a microcosm semi-annual report, part ii, dec. 1963 - jun. 1964	1964
19640051247	Shielded ceramic composite structure interim engineering progress report, 1 mar. - 30 may 1964	1964
19640051248	Electromagnetics at the universities of birmingham, edinburgh, glasgow, keele, liverpool and sheffield	1964
19640051250	Transistor, vhf, silicon, power /10w-500mc/, third quarterly report, 1 jan. - 31 mar. 1964	1964
19640051251	Thermophysical properties of rubidium and cesium technical documentary report, 1 jan. 1963 - 1 jan. 1964	1964
19640051252	Useful high-altitude nuclear effects computer programs. volume 5- wave propoagation codes	1964
19640051253	Interference reduction techniques first quarterly progress report, 1 jul. - 30 sep. 1963	1964
19640051254	Diffusion and dispersed phases in refractory metal systems quarterly progress report no. 4, 1 mar. - 31 may 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051255	Investigation of practical techniques for coating refractory metals quarterly progress report no. 4, 1 feb. - 30 apr. 1964	1964
19640051256	Cryogenic design data on materials subjected to uniaxial and multiaxial stress fields first quarterly progress report, 15 feb - 15 may 1964	1964
19640051258	Dual-chamber controllable solid propellant rocket motor fourth quarterly report, 10 feb. - 10 may 1964	1964
19640051259	Algebraic-integration feasibility test program	1964
19640051261	Aromatic polymers for thermally-stable fibers and films technical documentary report, feb. 1 - aug. 1, 1963	1964
19640051266	Four-dimensional radar resolution, volume ii final technical report	1964
19640051267	An adaptive filter for the design of ionospheric disturbance detectors physical sciences research paper no. 7	1964
19640051274	Weight analysis report, model x-20, volume 5	1964
19640051275	Study of vortex gyro. part ii- inertial gyro research technical documentary report, feb. 1963 - feb. 1964	1964
19640051282	Elastostatics problems with unilateral constraints- the signorini problem with ambiguous boundary conditions	1964
19640051283	Development of improved cutting tool materials interim progress report, 1 jun. - 31 aug. 1964	1964
19640051284	Five-inch harp tests at wallops island, september 1963	1964
19640051285	Rre journal, number 51, april 1964	1964
19640051286	Sideways looking airborne radar	1964
19640051287	The charge control parameters of junction transistors	1964
19640051288	The raman effect in crystals	1964
19640051290	Fundamental studies	1964
19640051291	An ultrastable microwave radiometer instrumentation papers no. 49	1964
19640051292	Semigroups, presburger formulas, and lan- guages scientific report no. 10	1964
19640051293	Non-aqueous silver-halide rapid access photography quarterly report, 1 jan. - 31 mar. 1964	1964
19640051295	Low cost army micromodule program fourth quarterly report, 1 apr. - 30 jun. 1964	1964
19640051296	Low-voltage arc studies fourth quarterly progress report, mar. 1 - jun. 1, 1964	1964
19640051297	Thin film techniques for silicon integrated circuits final report, 15 jun. 1963 - 15 jun. 1964	1964
19640051301	Medium Space Vehicles Programs Monthly Progress Report, May 1964	1964
19640051302	Atlas/agena Range Safety Report for Af Eastern Test Range	1964
19640051304	Design Study of an Engine System for Upper Stages of Uprated Saturn Monthly Status Report No. 2, 22 Jul. - 22 Aug. 1964	1964
19640051305	Proportional solid propellant secondary nozzle injection program progress report no. 8, feb. 1-29, 1964	1964
19640051306	Multifunctional, Auxiliary Propulsion Module Study Program Monthly Progress Report, 1 - 31 Mar. 1964	1964
19640051308	Development of Malfunction Detection System Sensors for Large Solid Propellant Rocket Motors Final Report	1964
19640051317	Research on advanced solid propellants quarterly progress report, mar. 11 - jun. 10, 1964	1964
19640051320	Structural evaluation of lightweight heat exchangers for an aerospace propulsion system	1964
19640051323	Calendar year 1963 ramjet technology program. volume 5- new and novel engine concepts final summary technical report, 25 jan. 1963 - 31 jan. 1964	1964
19640051325	Field survey of service structure and trestle launch complex 12	1964
19640051326	An investigation of hercules powder company double-base solid propellant motor exudation problem	1964
19640051327	Determination of criticality numbers for saturn i, block ii vehicle ground support equipment /launch complex 37b/	1964
19640051328	Study of cryogenic propellants stratification reduction monthly progress report, apr. 1964	1964
19640051329	Quartz lamp radiant heat brazing of large refractory metal honeycomb sandwich panels interim engineering progress report, 10 jan. - 10 apr. 1964	1964
19640051330	Para ortho conversion of hydrogen quarterly report, 1 nov. 1963 - 29 jan. 1964	1964
19640051331	Fuel cells quarterly progress report, 1 oct. - 31 dec. 1963	1964
19640051332	Developing and testing the advanced power conversion experimental facility interim report, 1 may 1963 - 30 apr. 1964	1964
19640051333	Ferroelectric ceramic filters, if transformers and networks final report, 1 dec. 1961 - 29 feb. 1964	1964
19640051334	Electrical and electromechanical components for saturn launch complexes	1964
19640051338	Weapon system 133a- rocket motor m-57-e1. wing iv qualification firing number 243d-2-4-9 and wing iv qualification program summary final report	1964
19640051342	Investigation of the effect of catalysis as a means of increasing the efficiency of certain propellant systems quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640051343	Improving the hypergolicity of the penta borane-hydrazine reaction final progress report, 16 apr. - 30 nov. 1963	1964
19640051344	Synthesis and characterization of cyano compounds /4/ quarterly technical progress report, 31 jan. - 30 apr. 1964	1964
19640051345	Evaluation of a high energy liquid propellant rocket engine oxidizer and a pilot production of same sixth quarterly report, 1 aug. 1963 - 1 may 1964	1964
19640051354	Calendar year 1963 ramjet technology program. volume 1- electromagnetic ramjet research final summary technical report, 25 jan. 1963 - 31 jan. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051356	Physico-chemical characterization of high- energy storable propellants quarterly progress report. 16 feb. - 15 may 1964	1964
19640051357	Some Implications of Missiles Development and Test Experiences for the Apollo Program	1964
19640051363	Proceedings of symposium on electronically scanned array techniques and applications, volume i	1964
19640051364	Sub-array analysis and design	1964
19640051365	Minimizing the effects of phase quantization errors in an electronically scanned array	1964
19640051366	Basic performance prediction for spherical phased array	1964
19640051367	The lattice dielectric luneberg lens	1964
19640051368	Polarization induced angular errors in monopulse angle measuring systems	1964
19640051369	Phased array power modulator techniques	1964
19640051370	L-band crossed-field amplifiers for phased array radar	1964
19640051371	"replaceable beam" travelling wave tubes for phased array radar	1964
19640051372	Continuous beam steering and null tracking with a fixed multiple beam antenna array system	1964
19640051373	An electronic microwave phase shifter	1964
19640051374	An electronically controlled variable time delay technique	1964
19640051375	Wideband, high gain, variable time delay techniques for array antennas	1964
19640051376	Problems of materials for high power ferrite phase shifters for aerial scanning	1964
19640051377	Microwave "square loop" ferrimagnetic materials for application in fast switching phased array components	1964
19640051378	A new phase-shifter for phased array applications	1964
19640051379	High power semiconductor digital phase shifters	1964
19640051380	Fundamental limitations in rf switching and phase shifting using semiconductor diodes	1964
19640051381	A wide band coaxial line ferrite phase shifter	1964
19640051382	Solid-state antenna array scanning control devices	1964
19640051383	Angular dispersion-compression antennas	1964
19640051384	Sequential detection with application to radar	1964
19640051385	Energy variant sequential detectors for fluctuating targets	1964
19640051386	An/fps-85 system computer program structure	1964
19640051387	The cross-corporate beam-forming matrix	1964
19640051388	Cylindrical aerial arrays with fast electronic scanning and their application to scanning and beam positioning radar systems	1964
19640051389	Measurement and in-progress control of small bores interim engineering progress report, 2 jul. 1963 - 15 may 1964	1964
19640051390	Research on millimeter-wave tubes interim engineering report, 1 jun. - 31 aug. 1964	1964
19640051391	Process development for hot-cold forging metastable austenitic high-strength steel final report, 20 jun. 1962 - 30 apr. 1964	1964
19640051392	Electrolytic grinding techniques final report, 27 jun. 1963 - 24 apr. 1964	1964
19640051394	Determination of mechanical and thermophysical properties of refractory metals quarterly progress report	1964
19640051395	Effects of selected strains of microorganisms on the composition of fuels and lubricants quarterly progress report no. 5, 1 dec. 1963 - 29 feb. 1964	1964
19640051396	Thermodynamic and kinetic studies of borides and other refractory materials at high temperatures status report, 1 apr. - 30 jun. 1964	1964
19640051397	Research relating to fuel cells hydrogen diffusion electrode quarterly progress report	1964
19640051399	Fracture toughness and tear tests, exhibit 'c' quarterly progress report no. 3, 1 jan. - 31 mar. 1964	1964
19640051400	Theoretical and experimental studies of radiation-induced damage to semiconductor surfaces and the effects of this damage on semiconductor device performance semiannual report no. 1, 1 mar. - 31 aug. 1964	1964
19640051402	Radiation effects reliability and data analysis first quarterly progress letter, apr. - jun. 1964	1964
19640051404	Pressurized bow dome of a cable-reinforced rubber construction for use with an/sqs-26 sonar monthly summary report, 30 apr. - 31 may 1964	1964
19640051405	Oxide semi-conductor materials and device research ninth quarterly progress report, 18 nov. 1963 - 17 feb. 1964	1964
19640051407	Effects of selected strains of microorganisms on the composition of fuels and lubricants quarterly progress report no. 4, 1 sep. - 30 nov. 1963	1964
19640051408	Research on the application of lie series to the solution of total and partial differen- tial equations final technical report, 1 jul. 1963 - 30 jun. 1964	1964
19640051411	Research in conventional and unconventional fuels supplementary third quarterly report	1964
19640051412	Basic chemical research for advanced storable liquid oxidizers third quarterly report	1964
19640051413	Applied research program to evaluate the feasibility of the compound a/hydrazine propellant system, part ii second quarterly progress report, 1 mar. - 1 jul. 1964	1964
19640051415	Project hawk interim technical report no. 45, 1 jan. - 31 mar. 1964	1964
19640051421	Final results of sound pressure level measurements during sa-6 launch	1964
19640051424	Exploration and evaluation of new glasses in fiber form bi-monthly progress report no. 4, 1 jul. - 31 aug. 1964	1964
19640051425	On investigation of the basic mechanism of metal fatigue engineering final report, jun. 1963 - may 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051426	Photographic material suitable for in-flight progressing fourth quarterly progress report, 15 mar. - 15 jun. 1964	1964
19640051428	Research on dielectrics for microwave electron devices eighth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640051429	Planar integration of thin film units second quarterly progress report, 15 apr. - 14 jul. 1964	1964
19640051430	Digital computer peripheral memory final report, jul. 1, 1963 - jun. 30, 1964	1964
19640051431	Equilibrium studies of refractory nitrides first quarterly progress report, 1 jun. - 31 aug. 1964	1964
19640051432	A basic study of the sliding contacts in rolling bearings progress report, no. 1 apr. 16 - jul. 16 1964	1964
19640051433	Computer program to calculate combustion bomb calorimetric data for compounds of the general formulae cahbcnd, cahbcndfe, cahbcndcle, and cahbcndbre	1964
19640051434	Non-blooming image orthicon fourth quarterly progress report, may 1 - jul. 31, 1964	1964
19640051435	Millimeter wave launching devices and techniques fifth quarterly report, 15 mar. - 15 jun. 1964	1964
19640051436	Experiments on the effects of low pressures on cellular ultrastructure and cytochemistry in plants semiannual progress report, oct. 1, 1963 - apr. 1, 1964	1964
19640051437	Solar ultraviolet radiation quarterly status report no. 11, 15 may - 15 aug. 1964	1964
19640051438	Nuclear lunar logistics system	1964
19640051439	Radio meteor project quarterly status report no. 6, may 1 - jul. 31, 1964	1964
19640051440	An investigation of the direct interaction theory of nuclear reactions status report, 1 jan. - 1 jul. 1964	1964
19640051441	Investigation of earth tremors during large rocket firings quarterly progress report, mar. 22 - jun. 22, 1964	1964
19640051442	Feasibility study of a replaceable electron source for traveling wave tubes used in phased array applications second quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640051443	On distributed communications- xi. summary overview	1964
19640051444	Metallurgical research and development for ceramic electron devices eight quarterly report, 1 apr. - 30 jul. 1964	1964
19640051446	Nol-761/nasa r120 magnetometry program quarterly progress report, period ending 30 jun. 1964	1964
19640051447	Thermodynamic and kinetic studies of borides and other refractory materials at high temperatures status report, 1 jan. - 31 mar. 1964	1964
19640051448	Investigation of photopolymerization process quarterly report, 14 may - 13 aug. 1964	1964
19640051450	Meteoroid penetration distributed transducer progress report, may 1964	1964
19640051451	Molecular beams sources interaction 7 february 1964 - 7 may 1964	1964
19640051452	Mariner mars 1964 agena vehicle system analysis report	1964
19640051453	Plane strain fracture toughness of 5a1-2.5sn titanium eli and 2219-t87 aluminum at cryogen- ic temperatures progress report may <1964<	1964
19640051454	A Study of Post-Saturn Launch Vehicles Phase III. Volume III - Supplement	1964
19640051455	Project spin /precision cryogenic gyro/ monthly progress report no. 62, 1-31 jul. 1964	1964
19640051457	Microminiature passive telemetry for biologi- cal measurements quarterly status report no. 3, 1 apr. - 30 jun. 1964	1964
19640051458	Anaerobic work capacity as affected by stress second semiannual progress report, 1 jan. - 30 jun. 1964	1964
19640051459	Lunar navigation quarterly report, 6 jun. - 6 sep. 1964	1964
19640051460	<construction of infrared detectors and analysis of their properties< interim report, may 1 - jul. 31, 1964	1964
19640051461	Feasibility of simulating thermal environments for meaningful evaluation of ablating materials quarterly progress report no. v, 1 may - 31 jul. 1964	1964
19640051462	Development of electrically initiated escape system components- ignition elements t14e2, t19e1, t14e3, t19e2, xm21, xm22, and xm42, pulse generators xm10, xm11, and xm15. supplement 1- ignition elements, electric, t14e3 and t19e2	1964
19640051463	Launch vehicle systems cost model	1964
19640051464	Ssb and vhf crystal filters /70 to 150 mc./ third quarterly progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640051466	Considerations in the design of a sferics satellite quarterly status report no. 3, 1 jul. - 30 sep. 1964	1964
19640051467	Bounded phase coordinate control first quarterly progress report, jun. 15 - sep. 14 1964	1964
19640051468	Analytical vibration prediction quarterly progress report no. 5	1964
19640051482	Research on high energy oxidizers for advanced solid rocket propellants quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640051485	High energy solid oxidizer production process interim technical progress report, 1 feb. - 29 feb. 1964 and 1 may - 31 jul. 1964	1964
19640051487	The initiation of new explosives final technical report, oct. 25, 1962 - oct. 24, 1963	1964
19640051488	Bulk synthesis of fluorochemicals tech- nical documentary report, 11 jul. 1962 - 31 aug. 1963	1964
19640051489	Use of an artificial earth satellite to determine azimuth	1964
19640051496	Weapon system 133a. rocket motor m-57-a1, minuteman stage iii. quality assurance failure recovery program firing number r-2 /5-10-8/ quick-look report	1964
19640051500	Electron beam modulation transmission studies interim report no. 10, apr. 15 - jul. 15, 1964	1964
19640051503	Analytical and experimental investigation of the feasibility and attractiveness of the multicomponent propellant concept final report, 6 feb. 1962 - 31 dec. 1963	1964
19640051505	Development of high energy solid propellants fourth quarterly report, 1 apr. - 30 jun. 1964	1964
19640051506	Exploratory propellant research semi- annual report no. 3, 1 oct. 1963 - 31 mar. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051507	A study of storable prepackaged hybrid propulsion systems quarterly progress report, 15 may - 14 aug. 1964	1964
19640051510	Phased array study interim development report, 1 apr. - 1 jul. 1964	1964
19640051511	An investigation of transformation plasticity during martensite formation. part 1- in a medium alloy steel /en30a/. part ii- in an iron-20 percent nickel alloy	1964
19640051512	Laboratory evaluation of transistorized audio amplifiers final report	1964
19640051513	Data report of a 1.32 percent scale nasa saturn i and ib vehicle model low speed wind tunnel test to investigate on-pad wind loads	1964
19640051516	Network operations plan for atlas centaur 4 /ac-4/	1964
19640051517	Investigation of warm fog properties and fog modification concepts quarterly progress report, 1 apr. - 1 jul. 1964	1964
19640051518	High power program- high power project- project delilah final report, 1 jan. 31 jul. 1964	1964
19640051519	High temperature resistant aircraft tires final technical report, 5 jan. 1962 - 5 apr. 1964	1964
19640051520	Geodetic control without triangulation, trilateration, or gravity data. gravimetric reduction of levelling interim technical report, mar. - aug. 1964	1964
19640051521	Microbial deterioration of electronic components progress report, 1 may - 30 jun. 1964	1964
19640051522	Manufacturing methods study on voltage-tunable magnetrons interim engineering progress report no. 8, 1 apr. - 30 jun. 1964	1964
19640051523	Bearing lubricant endurance characteristics at high speeds and high temperatures progress report no.6, 1 jan. - 31 mar. 1964	1964
19640051524	Project hiflex- phase i final report	1964
19640051525	Advanced valve technology for spacecraft engines. volume i- valve study final report, feb. 1963 - jul. 1964	1964
19640051527	A multiple-program, step-frequency, hf sounding system technical report no. 94	1964
19640051528	Manned Mars Landing and Return Mission Study. Volume 3- Subsystems Technologies Final Report	1964
19640051529	Manned mars landing and return mission study. volume 2- operational considerations final report	1964
19640051530	Manned Mars Landing and Return Mission Study. Volume 4- System Integration Design, and Evaluation Final Report	1964
19640051531	<analysis of african lungfish< second quarter report, 1 jul. - 30 sep. 1964	1964
19640051532	<transport and scattering phenonena< semi- annual status report no. 11, apr. - oct. 1964	1964
19640051533	Some techniques of calibration of multiplier phototubes	1964
19640051534	Transport collision integrals for gases obeying 9-6 and 28-7 potentials	1964
19640051541	Snap-8 electrical generating system development program quarterly progress report no. 16, mar. - may 1964	1964
19640051542	Meteorological data report aerobee nasa 4.126 s/n nasa 127, 22 august 1964	1964
19640051543	Post-saturn launch vehicles. volume i- condensed summary report. part three- class iv launch vehicles final report	1964
19640051544	Meteoroid-bumper interaction studies second monthly progress report, 15 jul. - 15 aug. 1964	1964
19640051545	Mission analysis of a second generation space capsule for nasa/arc man-carrying motion generator	1964
19640051546	Protective coatings for refractory metals in rocket engines summary report, 8 mar. 1963 - 15 mar. 1964	1964
19640051547	Effect of storage on sealed silver-zinc cells, type 216 of the electric storage battery company	1964
19640051548	Calculation of the response function of the harvard radio meteor project radar system research report no. 8	1964
19640051549	Study of marbac extraterrestrial life detection concept seventh monthly letter report, 1-31 may 1964	1964
19640051550	Nasa/usaf liquid propellant blast hazards program monthly progress report, period ending 31 jul. 1964	1964
19640051551	Theoretical and experimental studies of magnetoaerodynamic drag and shock stand-off distance, using simple aerodynamic shapes progress report, period ending 30 jun. 1964	1964
19640051552	Meteorological interpretation of satellite radiation data semiannual status report, 1 apr. - 30 sep. 1964	1964
19640051553	A parametric study of boiling instability	1964
19640051554	Molecular beams surface interaction monthly report, 1 - 31 aug. 1964	1964
19640051557	An investigation of superconductive techniques for broadband traveling wave masers first quarterly report, 10 apr. - 1 jun. 1964	1964
19640051559	Lunar magnetism studies	1964
19640051560	Stability of cylindrical shells /development of the photoelastic technique/ semi-annual progress report, 1 apr. - 1 oct. 1964	1964
19640051561	<launch complexes, facilities, and ground support equipment< quarterly technical progress report, second quarter - cy 1964, 13 mar. - 30 jun. 1964	1964
19640051562	Hydrocarbon-air fuel cell first semi-annual report, 1 jan. - 30 jun. 1964	1964
19640051565	Acoustic line spectrum of double underwater explosions with applications to underwater explosive communications	1964
19640051566	Some thoughts concerning thrust fluctuations on propulsors of deeply submerged bodies	1964
19640051567	Investigation on a hydroelastic model of the submarine albacore	1964
19640051569	Artemis as an evolving concept	1964
19640051570	Spectral energies at different angles from line charges for explosive echo ranging	1964
19640051572	A conventional transducer calibration unconventionally close	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051585	Background Material for the Study of the National Space Power Program. Volume II- Electrical Papers	1964
19640051586	Electronic power as an emerging technology for commercial, government, domestic and ultimately utility domains	1964
19640051587	Spacecraft battery charge control and cell monitoring	1964
19640051588	Electric generators	1964
19640051589	Power conditioning - inversion, conversion, and regulation	1964
19640051590	Status and future of technology of distribution and control systems	1964
19640051591	Background Material for the Study of the National Space Power Program. Volume VI- Miscellaneous Papers	1964
19640051592	Chemical supplies, storage and expulsion of cryogenic propellants	1964
19640051593	Effects of passive attitude control on solar power systems	1964
19640051594	Space vehicle attitude control and power system interactions	1964
19640051595	Heat transfer and radiators	1964
19640051596	Flash-photolysis of nh3 in the vacuum-ultra- violet /ii/ <blitzlicht-photolyse des nh3 im vakuum-uv /ii/<	1964
19640051597	Flash-photolysis arrangement for the schumann- ultraviolet, with high time resolution <blitzlicht-photolyseanordnung fur das schumann-uv mit hoher zeitauflosung<	1964
19640051598	The development of schultze double formations from the egg of rana fusca. part v and vi	1964
19640051599	Water intoxication with coma in a case of sheehan's syndrome <intoxication par l'eau avec coma dans un syndrome de sheehan<	1964
19640051600	Experimental study of cerebral manifestations of water intoxication <etude experimentale des manifestations cerebrales de l'intoxication par l'eau<	1964
19640051602	Psychological effect of the intake and retention of unphysiologically large amounts of water in normal individuals <uber die beeinflussung des psychischen zustandes normaler durch aufnahme und retention unphysiologisch grosser wassermengen<	1964
19640051603	Research on the intensity distribution of very light particles reflected from a solid surface of cubic lattice structure <des recherches sur la distribution d'intensite des particules tres legeres reflechies d'une surface solide de grillage cubique<	1964
19640051604	The influence of different cold-deforming methods on the mechanical properties and the degree of dispersion of sintered aluminum <einfluss unterschiedlicher kaltverformungen auf die mechanischen eigenschaften und den dispersionsgrad von sinteraluminium<	1964
19640051605	A study of several 5d96s26p-configuration levels of the mercury atom <etude de plusieurs niveaux de configuration 5d96s26p de l'atome de mercure<	1964
19640051606	Acclimatization shock- himalayan observations <le shock d'acclimatation. observations a l'himalaya<	1964
19640051607	Cryo-pump tests using hydrogen under ultrahigh vacuum conditions in the 4.2 deg to 2.5 deg k range /i/ <kryopumpversuche mit wasserstoff unter ultrahochvakuum bedingungen im bereich zwischen 4.2 deg k und 2.5 deg k /i/<	1964
19640051608	The Origin of Chromospheric Turbulence and the Ultraviolet Excesses of Solar Radiation (Uber Die Ursache Der Chromospharischen Turbulenz Und Des Uv-Exzesses Der Sonnenstrahlung)	1964
19640051609	Low cost army micromodule program third quarterly report, 1 jan. - 31 mar. 1964	1964
19640051610	Manufacturing methods processes and development for cesium beam frequency standards interim engineering progress report, 9 jun. - 9 sep. 1964	1964
19640051611	A transistor amplifier with 500-mc bandwidth	1964
19640051612	Algebras of bounded analytic functions on riemann surfaces	1964
19640051614	Ch-47a category ii stability and control tests	1964
19640051615	High efficiency transistor structures quarterly progress report no. 3 1 jan. - 31 mar. 1963	1964
19640051616	Development of a 2 kw x-band crossed-field amplifier quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640051617	Telewalk radio communications system final report	1964
19640051619	Advanced theoretical formability manufacturing technology interim technical engineering report, 1 apr. - 31 jul. 1964	1964
19640051621	Companion studies of shielding techniques supplementary report no. 1, 4 jun. 1963 - 29 feb. 1964	1964
19640051628	A study to improve the low-level meteorological simulator second quarterly progress report, 1 mar. - 31 may 1964	1964
19640051629	Manufacturing method for making long lengths of high strength superalloy filaments, phase i final technical documentary report, 15 apr. 1963 - 12 jun. 1964	1964
19640051631	Radiation properties of materials detailed refined measurements technical documentary report, may 1962 - sep. 1964	1964
19640051633	Prince albert radar laboratory progress report no. 4, december 31, 1963.	1964
19640051634	Microwave high power electromechanical phase shifter final report, 1 jul. 1963 - 30 jun. 1964	1964
19640051635	Manufacturing in-process control and measuring techniques for integral electronics interim engineering progress report, 1 jun. - 31 aug. 1964	1964
19640051636	Miniature precision coaxial cable assemblies quarterly progress report, 15 mar. - 15 jun.	1964
19640051637	Low cost microcircuits for microassemblies final report, 1 jul. 1963 - 30 jun. 1964	1964
19640051638	Design of bonded sandwich intertank structure for saturn v vehicle quarterly report no. 2, 1 jun. - 31 aug. 1964	1964
19640051640	Space cell test program monthly progress report, 31 aug. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051641	Nonequilibrium gasdynamics related to propulsion systems quarterly report, period ending 30 sep. 1964	1964
19640051650	Laser induced initiation of military type solid propellants	1964
19640051653	Onboard angle of attack measurement by optical means scientific report no. 2	1964
19640051657	Solid propellant additives research quarterly progress report, period ending august 10, 1964	1964
19640051659	Exploding bridgewire devices /ebw/ an annotated bibliography	1964
19640051672	Superconducting bodybound gyro development of an experimental model interim report, sep. 1, 1963 - feb. 29, 1964	1964
19640051676	Research in fluorine chemistry final report, 16 mar. 1963 - 15 mar. 1964	1964
19640051691	Research in fluorine chemistry progress report, 16 sep. - 15 dec. 1963	1964
19640051694	Range and bearing final report	1964
19640051695	Tantalum extrusion development program final technical documentary report, 2 mar. 1961 - 27 jun. 1963	1964
19640051696	Fine metal filaments for high-temperature applications technical documentary report, mar. 1963 - feb. 1964	1964
19640051700	The use of x-ray scattering to study the anomalous elastic properties of fe-ni alloys	1964
19640051705	Electrostatic gyro evaluation program, phase iii volume ii strapped-down aegs test report final report, may 1962 - mar. 1963	1964
19640051708	Some fragmenting warhead evaluation models	1964
19640051710	Iria annotated bibliography of infrared literature, volume viii, number 2	1964
19640051716	Weapon system 133a- rocket motor m-57-e1. wing ii continued development high-rate hydrotest sd-9, test iii quick-look report	1964
19640051721	Weapon system 133a- rocket motor m-57-a1, minuteman stage iii. wing v preproduction. firing number 2-10-47 quick-look report	1964
19640051722	Weapon system 133a- rocket motor m-57-e1. extended effort - partial-burn firing number 2-10-39 final report	1964
19640051723	Weapon system 133a- rocket motor m-57-e1. partial-burn test series /low powder embedment motors/. firing numbers 2-10-38, 2-10-39, 2-10-40 summary final report	1964
19640051725	Nerva components irradiation program- volume 1- gtr test ii	1964
19640051737	Expandable space structure interim engineer- ing program report, 1 feb. - 30 apr. 1964	1964
19640051739	A radiochemical investigation of the adsorp- tion of alpha-amino-n-butyric acid on steel components in ammoniacal electroplating baths	1964
19640051742	Feasibility of a hollow-cathode negative-grid tube for vhf-uhf applications quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640051745	Propagation characteristics of plane small amplitude hydromagnetic disturbances in the earth's upper atmosphere	1964
19640051746	Development of a manufacturing process for the production of .005 inch diameter beryllium wire, phase i interim technical documentary progress report /final/, 1 feb. - 30 apr. 1964	1964
19640051747	Stress cracking of elastomers. an annotated and indexed bibliography quarterly report no. 1, part 3	1964
19640051748	The effects on structural adhesives of cycling to cryogenic temperatures	1964
19640051749	Hydrocarbon-air fuel cells semi-annual technical summary report no. 5, 1 jan. - 30 jun. 1964	1964
19640051750	Properties of glasses at elevated temperatures technical documentary report, jan. - dec. 1963	1964
19640051752	Development of a point deformation rolling mill interim engineering progress report, 1 jul. - 30 sep. 1964	1964
19640051753	Research into new approaches for vhf filter crystals fifth quarterly report, 1 may - 31 jul. 1964	1964
19640051754	Development of switching device suppression techniques and investigation of transient measurement and instrumentation techniques	1964
19640051755	A method for measuring the dispersion of artificial birefringence	1964
19640051756	Air aging of inorganic fibrous insulations technical documentary report, 2 dec. 1963 - 31 jan. 1964	1964
19640051757	Gorse calculator for kinetheodolite film reader	1964
19640051759	Numerical solution of the distribution of wind and turbulence in the planetary boundary layer meteorological research notes no. 8	1964
19640051762	Properties of photodetectors	1964
19640051764	Hypervelocity solid gun propellants phase report no. 1	1964
19640051770	Vlf-lf skywave absorption due to small-yield nuclear bursts in space	1964
19640051772	Research on ultra-high impulse propellant systems progress report, jan. 1 - mar. 31, 1964	1964
19640051777	Research and development of metal hydride organic nitrogen complexes quarterly progress report, 15 dec. 1963 - 15 mar. 1964	1964
19640051778	Research and development of metal hydride organic nitrogen complexes quarterly progress report, 15 mar. - 15 jun. 1964	1964
19640051785	S.e.r.l. technical journal, volume 14, no. 3	1964
19640051786	A neutron tube with constant output /1010 n/sec/ for activation analysis and reactor applications	1964
19640051787	The design of a lens to produce the highest possible radiant power density from a gas laser	1964
19640051788	Periodic focusing for a high efficiency cyclotron wave tube	1964
19640051789	Diffusion bonding of refractory metals interim technical documentary progress report no. 8, 29 mar. - 28 aug. 1964	1964
19640051790	Millimeter wavelength power generation utilizing the phreatron effect fourth quarterly progress report, 1 mar. - 1 jun. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051792	Ecm feasibility flight test program test operations plan and article acceptance procedure for the a-1 vehicle	1964
19640051794	Types of winter energy budgets over the norwegian sea	1964
19640051795	Notes on similar solutions of the laminar boundary layer equations for flow with an axis of symmetry	1964
19640051796	Techniques for experimental fabrication of a 1-watt, 1-gc gallium arsenide transistor seventh quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640051797	Flexible fibrous structural materials technical documentary report, feb. 1963 - jan. 1964	1964
19640051803	A commentary on the zero-crossing problem with a note on the multivariate gaussian distribution technical report no. 2014-1	1964
19640051807	Comparative tests of turbine flowmeters with cryogenic liquids	1964
19640051808	Airflow calibration of the tf-30 turbofan engine simulator for the f-111 technical documentary report, 20 mar. - 2 apr. 1964	1964
19640051810	Advanced oxidizer research annual technical summary report, 1 jan. - 31 dec. 1963	1964
19640051811	Difluoramine chemistry	1964
19640051812	Synthesis of compounds for structure- sensitivity study	1964
19640051813	Stability of high energy solid oxidizer	1964
19640051814	Inorganic chemistry of the oxygen subfluorides	1964
19640051817	Performance prediction studies of scramjet nozzle systems	1964
19640051821	Propulsion development department review, chapter 2. propellants, materials, and ignition, june 1963 - may 1964	1964
19640051824	Evaluation of operation, heating, and durability from simulated altitude testing of the aj10-138 engine for the titan iii transtage /propulsion engine test cell t-4/, phase i	1964
19640051825	Aerodynamic interference effects of parallel delta wings and cone-cylinder bodies in close proximity- pressure tests at mach numbers 5 and 10, heat-transfer tests at mach number 10	1964
19640051826	Development of high-temperature materials for rocket nozzles and associated structures third quarterly report, 1 apr. - 30 jun. 1964	1964
19640051831	Guided missile propulsion systems, hazards of electromagnetic radiation to ordnance /hero/ rf characteristics of electro-explosive devices quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640051832	Scan-conversion storage tube based upon the permachon final report, 1 jan. - 31 mar. 1964	1964
19640051833	Composite propellant rheology- studies on some components of uncured propellant mixes	1964
19640051837	Tests on stress-relieving notches	1964
19640051838	Use of optical masers in displays and printers third quarterly report, 24 feb. - 23 may 1964	1964
19640051839	Diffusion in organic crystals quarterly technical report, 1 apr. - 30 jun. 1964	1964
19640051842	Radiative energy transfer on entry into mars and venus quarterly report no. 9,	1964
19640051843	A theoretical analysis of balloon instability observed in six foot model tests. an engineering design study and test program for the paravulcoon recovery system technical note no. 2	1964
19640051844	An investigation of computer-coupled, auto- matic, remote activation analysis for lunar surface analysis semiannual report, 1 may - 31 oct. 1964	1964
19640051845	Advanced vehicle technology monthly technical progress letter, sep. 1964	1964
19640051846	Backstreaming from oil diffusion pumps progress report, 1 aug. - 30 sep. 1964	1964
19640051848	Research and development of materials for use as lubricants in a liquid hydrogen environ- ment, phase ii quarterly progress report no. 1, 1 jul. - 1 oct. 1964	1964
19640051853	Transmission testing of modified tsec/hy-2 /v-1/ channel vocoder quarterly progress report, 15 mar. - 15 jun. 1964	1964
19640051854	Investigation of transient radiation damage in semiconductor materials quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640051855	Microwave nonlinear dielectric materials third quarterly progress report, 16 mar. - 14 jun. 1964	1964
19640051856	Uhf small-signal transistor first quarterly report, 1 apr. - 31 jul. 1964	1964
19640051857	Determination of semi-conductor device figure of merit quarterly progress report, 1 jan. - 1 apr. 1964	1964
19640051858	Microcircuits for linear communications functions final technical report, 1 jul. 1963 - 5 jun. 1964	1964
19640051859	Research and development on crystal filters quarterly report, 1 may - 1 aug. 1963	1964
19640051861	Evaluation of the weldability of missile case materials quarterly progress report no. 2, 1 may - 31 jul. 1964	1964
19640051862	Phosphorane polymers technical documentary report, apr. 1963 - apr. 1964	1964
19640051863	Compatibility of structural materials with high performance o-f liquid oxidizers quarterly progress report, 15 jun. - 15 sep. 1963	1964
19640051865	Studies to improve radiation simulation techniques final report, 1 dec. 1962 - 30 nov. 1963	1964
19640051866	Thin film microcircuit interconnections first quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640051867	Fuel cell catalysts second quarterly report, 1 mar. - 31 may 1964	1964
19640051868	Accelerated deterioration of elastomers quarterly progress report, 1 may - 31 jul. 1964	1964
19640051869	Superconducting electromagnets for millimetre- wavelength masers	1964
19640051870	Chlorine fluoride	1964
19640051873	Stratoscope ii scientific balloon telescope system final report	1964
19640051874	The testing of brittle materials by means of high-frequency ultrasonics	1964
19640051875	Study of distortion in klystrons and travel- ing-wave tubes fourth quarterly progress report, 1 mar. - 31 may 1964	1964
19640051876	Solid state filters delay lines and transformers quarterly report, 1 mar. - 31 may 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051877	Compatible techniques for integrated circuits quarterly report, 1 feb. - 30 apr. 1964	1964
19640051878	Study of crossed-field reentrant beam electron devices- magnetron and amplatron eighteenth quarterly progress report, 15 sep. - 14 dec. 1963	1964
19640051879	A quantitative study of solutions through gas chromatography second semiannual report	1964
19640051881	Investigation of a receiver's reaction to off- channel interference final report	1964
19640051882	Special techniques for measuring material properties technical documentary report, jan. 1963 - jan. 1964	1964
19640051883	S-c band o-type multipurpose twt manufacturing methods program interim engineering progress report, 1 may - 1 aug. 1964	1964
19640051884	Forward area pcm terminal /6/12 channel pcm/ final report, 1 oct. 1963 - 29 jun. 1964	1964
19640051885	Automated solution of combined interference matrices interim final report, 15 jun. 1963 - 15 jun. 1964	1964
19640051887	The thermal conductivity of liquids- a survey to 1963	1964
19640051889	Multiple access techniques for communication satellites- i. survey of the problem	1964
19640051890	Transistor, uhf, silicon, power /50w - 150mc/ third quarterly report, 1 jan. - 31 mar. 1964	1964
19640051891	Research on ammonia battery system third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19640051892	Environment stabilization of data processors program final report, 1 jun. 1963 - 31 may 1964	1964
19640051893	Investigation of the x-15 research vehicle auxiliary power unit pinion gear wear and failure problem	1964
19640051894	T-39a category ii performance test	1964
19640051895	Microwave ferroelectric phase shifters and switches fourth quarterly report, 15 mar. - 15 jun. 1964	1964
19640051896	Slow waves in ferrites and their interactions with electron streams	1964
19640051897	Testing of a nimbus attitude control nozzle at simulated altitudes of 400,000 to 500,000 feet	1964
19640051898	Induction heating process for melting titanium /cold-wall crucibles, segmented and non- segmented/ final technical documentary report, 16 may 1959 - 22 jan. 1964	1964
19640051899	Hydra-iris technical digest	1964
19640051900	Six-degree-of-freedom flight path study generalized computer program. part i, volume 2. structural loads formulation technical documentary report, jun. 1962 - dec. 1963	1964
19640051901	Research and study of analytical techniques for predicting reliability of flight-control systems technical documentary report, feb. 1, 1963 - jan. 1, 1964	1964
19640051902	Environmental control systems process optimization and decision computer program	1964
19640051903	A study of hypergolic bipropellant mass expulsion for attitude control of spacecraft final technical summary report, 15 jan. - 31 aug. 1962	1964
19640051904	Research on thin film insulators final report, apr. 1963 - jun. 1964	1964
19640051906	Novel microwave filter design techniques sixth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640051907	Complete radiation pattern of the horn antenna /computed by diffraction theory/	1964
19640051909	Tungsten inert gas arc welding titanium using a non-reactive flux interim engineering progress report, 1 jun. - 31 aug. 1964	1964
19640051910	High power microwave ferrites and devices sixth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640051911	Extra flexible tactical cable first quarterly report, 1 apr. - 30 jun. 1964	1964
19640051912	Investigation of the phase-shift parametric amplifier final report	1964
19640051913	Tactical atomic clock final report, 25 jun. 1962 - 31 oct. 1963	1964
19640051915	Broadband microwave magnetically tunable filters second quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640051916	Calculated activities of u-235 fission products for very short nuclear reactor operation. volume ii- tables of individual activities	1964
19640051917	Down-range anti-missile measurement program /damp/. volume 1 final report, may 1958 - may 1964	1964
19640051919	Microbonds for hybrid microcircuits first quarterly report, 1 feb. - 30 apr. 1964	1964
19640051920	Interference reduction techniques for receivers interim final report, 1 jul. 1963 - 30 jun. 1964	1964
19640051922	Pulsing and crosstalk studies in semiconductor circuits. phase i- pulse power study final report, 15 may 1963 - 14 may 1964	1964
19640051923	Pacific missile range manual, volume ii. range user's handbook	1964
19640051924	Ceramic resonator materials for i.f. filters final report, 1 jun. 1963 - 31 may 1964	1964
19640051925	Manufacturing in-process control and measuring techniques for integral electronics /structural defects in single crystal semiconductors/ first interim engineering progress report, 1 apr. - 30 jun. 1964	1964
19640051926	Camera tube with internal image-motion compensation quarterly progress report, 1 feb. - 30 apr. 1964	1964
19640051929	Stress-corrosion cracking of stainless steel in pressurised high temperature water second report	1964
19640051930	Athena program plan. addendum 1- athena program reliability plan	1964
19640051931	Tungsten sheet rolling program twelfth interim report, 1 may - 31 jul. 1964	1964
19640051933	Use of kryptonates in materials research quarterly progress report	1964
19640051935	Plane strain fracture toughness of 5a1-2.5sn eli titanium and 2219-t87 aluminum alloy weldments progress report, aug. 1964	1964
19640051936	<research on the influence of gravity on uni- cellular organisms, and optimization of the ultraviolet flying-spot microscope for living cell observations< semiannual status report, 1 oct. 1963 - 31 mar. 1964	1964
19640051965	An Investigation of the Liquid Injection Thrust Vector Control Performance of Two United Technology Center Subscale Titan IIIc Boosters	1964
19640051968	Space-based passive-ranging techniques study final technical documentary report, jul. 1963 - apr. 1964	1964
19640051973	Superconducting bodybound gyro development of an experimental model interim report no. 2, mar. 1 - sep. 1, 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640051974	Spectrum signature measurements, an/fps-27 radar final report	1964
19640051979	Research in electron emission from semicon- ductors final report, 1 may 1963 - 30 apr. 1964	1964
19640051980	A generalized study of processes for the realization of design configurations in materials final technical documentary report, 3 apr. 1961 - 3 sep. 1964	1964
19640051981	A generalized study of processes for the realization of design configurations in materials final technical documentary report, 3 apr. 1961 - 3 sep. 1964	1964
19640051982	Syncom ii evaluation report	1964
19640051983	Research and development to design, fabricate and evaluate single pole double-throw dry-reed capsules and relays using these capsules first quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640051984	Investigation of heat-transfer distribution in several cavity and step configurations at mach 10	1964
19640051985	Development of xm7 and xm7e1 escape rockets	1964
19640051986	Strengthening mechanisms in steel technical documentary report, feb. - aug. 1962	1964
19640051987	Energy exchange in crossed-field systems	1964
19640051988	Testing the dynamic stability of solid propellants- techniques and data	1964
19640051989	3-millimeter waveguide components final report, 1 jul. 1961 - 31 jan. 1964	1964
19640051993	High pressure rocket engine feasibility program quarterly progress report no. 11, 26 mar. - 25 jun. 1964	1964
19640051996	Static stability and axial-force characteris- tics of a 0.045-scale model of the 578mm sosr missile at transonic speeds	1964
19640052002	Research on selective fluorination techniques quarterly progress report no. 3, 1 may - 31 jul. 1964	1964
19640052003	Boresight errors of a guidance seeker and radome	1964
19640052004	Fire and explosion hazards of flight vehicle combustibles. part ii- analysis of advanced flight vehicle heat exchanger fire and explosion hazards quarterly progress report, 1 apr. - 30 jun. 1964	1964
19640052008	High frequency, high power crossed-field amplifier final technical documentary report	1964
19640052010	Ultra high power amplifron sixteenth quarterly report, 1 nov. 1963 - 31 jan. 1964	1964
19640052015	Manufacturing methods for high energy metal hydrides interim technical progress report, 1 apr. - 30 jun. 1964	1964
19640052018	Comparison of mission profile modes for achieving test objectives on saturn v reentry qualification flights	1964
19640052023	The calibration of transducers for use in high intensity shock measurement	1964
19640052024	Fatigue studies of structural sheet aluminium alloys	1964
19640052025	Tests with a heavy load skidding machine to determine the friction coefficient between an aircraft tyre and various wet surfaces. part 2- locked wheel trials on the road research laboratory track at crowthorne	1964
19640052028	Rocket motor case winding pattern studies bimonthly progress report /final/, 1 nov. - 31 dec. 1963	1964
19640052029	Long life electromagnetic relays sixth quarterly progress report, 15 apr. - 15 aug. 1964	1964
19640052030	Quarterly research review no. 8, 1 january - 31 march 1964	1964
19640052034	The design of a transistorized h.f. multi- coupler	1964
19640052037	Liquid laser research bimonthly progress report no. 3, jul. 1 - aug. 31, 1962	1964
19640052040	The scientific objectives of deep space investigations- non-ecliptic regions	1964
19640052041	Study of contact transformations and theory of optimal control first monthly letter report	1964
19640052042	Design, fabrication, and testing of two /2/ pressure switch toggle actuators quarterly report no. 1, 26 jun. - 30 sep. 1964	1964
19640052044	Surveyor lunar roving vehicle, phase i. vol. i- summary technical description final report	1964
19640052059	Ex 5 mod 3 solid propellant rocket motor quarterly progress report 11 apr. - 16 jun. 1963	1964
19640052060	NASA-Vickers Thrust Vector Control System Development Progress Report, 1 Nov. 1963 - 31 Mar. 1964	1964
19640052061	X-band high power traveling-wave amplifier tube final report, 30 jun. 1961 - 30 apr. 1964	1964
19640052064	Investigation of Vehicle-Integrated Rocket Powerplants with Air Augmentation, Volume II	1964
19640052067	Study, design, analysis, fabrication, and test of a solid propellant pulse rocket motor quarterly progress report no. 2	1964
19640052071	Cryogenic insulation research quarterly progress report no. 1, 16 jul. - 1 oct. 1964	1964
19640052072	Report of Wind Tunnel Tests on a 1/7.5 Scale Model Space Ferry (Design 359A-2), Series II 24 May - 5 June 1964	1964
19640052073	Report of Wind Tunnel Tests on a 1/7.5 Scale Model of the Design 359A Space Ferry, 9 - 28 Apr. 1964	1964
19640052074	Report of Supersonic Wind Tunnel Tests on a 1/45 Scale Model of the Design 359A Space Ferry, 11 June - 22 June, 1964	1964
19640052076	Lift due to interference between an aerofoil and an external non-lifting body	1964
19640052077	Experimental investigation of the breakdown of a vortex in a tube	1964
19640052078	Fluoroaromatic polymers- perfluoro-p- terphenyl, -quaterphenyl and -quinquephenyl	1964
19640052079	The effects of impurities on the movement of surface atoms of heated gold	1964
19640052081	An experimental d.c. to a.c. power conversion scheme employing a synchronous machine with pulsed d.c. input	1964
19640052082	The effect of connecting-pipe dimensions on the response time of a low-range absolute pressure transducer	1964
19640052083	A linear hydraulic energy absorber for air- craft arresting gears	1964
19640052084	Atmospheric turbulence encountered by hermes aircraft on routes to africa and the far east	1964
19640052086	An airborne digital measurement and recording system with direct replay to a digital computer	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640052087	A further investigation of the effects of longitudinal elastic camber on slender aircraft in steady symmetrical flight, including estimates of the effect on shear forces and bending moments	1964
19640052088	Assembly and test of cryogenic oxygen tanks, model x-20a summary report	1964
19640052089	New candidate high temperature lubricants for advanced aerospace systems technical documentary report, 1 jun. - 30 nov. 1963	1964
19640052091	Design of backward wave amplifiers	1964
19640052092	Propagation characteristics of a slot coupled wave guide - surface composite structure	1964
19640052093	Low l/d subsonic approach and landing performance of an f-106a modified with drag plates	1964
19640053575	Computer program utilizing the method of characteristics to predict internal flows for propulsion systems of hypersonic airplanes ninth monthly progress report, 1-29 feb. 1964	1964
19640053594	Space physiology progress summary, dec. 1964	1964
19640053661	Research in molecular physics semi-annual status report, jun. 1 - nov. 30, 1963	1964
19640055966	Theoretical and Experimental Investigations of Fatigue Crack Growth First Semi-annual Progress Report	1964
19640056633	A double line-splitter for measurement of time variation of spectral-line profiles in plasma physics	1964
19640056843	Development of a miniature accelerometer with a fused-quartz suspension progress report no. 30-16	1964
19640057017	Intermittent creep and stability sixteenth monthly progress letter, 15 may - 15 jun. 1964	1964
19640057196	Ranger 1964-65	1964
19640057370	V-31 calculus of variations for vacuum flight about one attracting body phi-independent, fixed-plane injection three dimensional cartesian coordinates utilizing lunar plane examination and in-plane modification	1964
19640057372	First quarterly report, 17 april - 15 july 1964	1964
19640057429	Gelling of Liquid Oxygen Difluoride, 18 Aug. - 17 Sep. 1964	1964
19640057483	Relationship of diurnal cycles of physiological functions and performance	1964
19640057515	Cavitation studies in liquid hydrogen second monthly progress report	1964
19640057716	Heat transfer across surfaces in contact- transient effects of ambient temperatures and pressures	1964
19640057770	Vidicon camera and tape recorder system development	1964
19640057843	Non-equilibrium statistical mechanics of simple dense fluids	1964
19640057869	A video transmission system utilizing redundancy techniques resulting in extreme power economy	1964
19640057916	Basic studies on vortex stabilized radiation sources for improved solar simulation third quarterly status report 3qs094-858, 3 jun. - 18 sep. 1964	1964
19640058014	Project briefs- short summaries of completed, suspended and discontinued projects in the area of electron tubes and semiconductor devices, 1 june 1956 - 31 march 1961	1964
19640058166	Special projects office materials program monthly progress report, oct. 1962	1964
19640058265	Symposium on ballistic missile defense, sixth meeting, guidance and control, washington, d.c., 19-20 aug. 1958	1964
19640058345	Technical progress report, dec. 13, 1963 - jan. 15, 1964 <progress of saturn program facilities development	1964
19640058449	Operational Characteristics of the Flight Acceleration Facility of the Nasa Manned Spacecraft Center, Houston, Texas	1964
19640058536	The effects of gas specific-heat ratio on inviscid hypersonic airfoil characteristics. part i - sharp airfoils. part ii - blunt airfoils	1964
19640058692	Seventh interim progress report, 1 jun. - 30 nov. 1963 <cavitation inception investigation<	1964
19640058707	A note on short-term storage of information in vision	1964
19640058723	Castable cobalt-tungsten alloys for high temperature service	1964
19640058724	Progress report, 1 oct. - 31 dec. 1963 <exploitation of the nbs synchrotron as a far ultraviolet light source and investigation of thermal detectors as primary radiation standards for the vacuum ultraviolet<	1964
19640058728	Quantitative investigation of the mineralogy and petrography of stone and iron meteorites progress report, 1 jul. 1963 - 31 jan. 1964	1964
19640058729	Quarterly status report, 1 jan. 1964 - 31 mar. 1964 <studies of the penetration of high-energy radiation through matter<	1964
19640058736	Investigations of high energy solar radiation and of trapped radiation, including balloon-borne and/or sounding rocket tests of prototype detectors semi-annual status report, 1 aug. 1963-31 jan. 1964	1964
19640058801	Quarterly progress report, 3d qtr fy 64	1964
19640058830	Study of effects of carbohydrates on the body under stress and fatigue	1964
19640058847	A Preliminary Study of Spacecraft for Manned Mars Orbiting and Landing Missions	1964
19640058849	Monthly Project Progress Report, Month Ending Apr. 15, 1964	1964
19640058857	Carbon dioxide systems for manned spacecraft	1964
19640058989	Injection-luminescence pumping of a caF ₂ -dy ₂ & laser	1964
19640059035	Orbital tracking and data acquisition test. centaur ac-3	1964
19640059067	Arbalist progress report - april 1964 nineteenth progress report, apr. 1964	1964
19640059079	Orbital maintenance and material transfer shuttle. final oral presentation to aeronautical systems div., afsc, wright-patterson afb, ohio, feb. - nov. 1963	1964
19640059116	Feasibility evaluation of toroidal hoop combustion chamber monthly progress report, period ending 15 may 1964	1964
19640059131	Atomic collision processes relating to the ionosphere semi-annual technical report 1 sep. - 28 feb. 1964	1964
19640059229	Future projects office bulletin no. 8	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640059267	Addendum to Aerodynamic Stability and Control Data - Model 844-2050	1964
19640059289	Data report aedc-b-bac-17, heat transfer test on a complete .033 scale dyna soar vehicle with the first and second stage booster system	1964
19640059301	High temperature absolute cut-bar apparatus for determination of the thermal conductivity of small solids	1964
19640059315	Radar cross-section reduction of reentry vehicles program progress report, 1 - 31 jan. 1964	1964
19640059351	A summary of pressure data obtained with one configuration of the ad469m-1 dyna-soar model	1964
19640059357	Generalized signal-to-noise ratio and performance index of filters for waveform estimation	1964
19640059363	Hypersonic Shock Tunnel Pressure and Heat Transfer Investigation of the Boeing Airplane Co. Dyna-Soar Model	1964
19640059381	A set of physical units for data analysis	1964
19640059432	Screening and inspection activity in search of machinery and equipment	1964
19640059435	Monitor air force environmental tests of the model f-4c airplane final report	1964
19640059440	Fatigue behavior of materials for the supersonic transport third quarterly report, 1 nov. 1963 - 31 jan. 1964	1964
19640059460	Security classification guide, standard launch vehicle-1 /slv-1/	1964
19640059503	[No Title]	1964
19640059516	Meteorological aspects of the sonic boom	1964
19640059594	Estimation of the reactions in ceramics by means of infrared spectroscopy. barium titan- ate as an example	1964
19640059717	Thermally stable monopropellants eighth quarterly progress report, 1 feb. - 29 apr. 1960	1964
19640059718	Thermally stable monopropellants fifth quarterly report, 1 may 1959 - 31 jul. 1959	1964
19640059750	Data display study fourth interim report, 1 sep. - 20 dec. 1963	1964
19640059918	Considerations in the design of a sferics satellite quarterly status report no. 2, 1 apr. - 30 jun. 1964	1964
19640059928	Nuclear magnetic dipole coupling in solid bf 3	1964
19640059933	Gasdynamics of high-altitude missile trails final report, mar. - nov. 1962	1964
19640059940	Biomedical research in the federal republic of germany, iv- hamburg, gottingen tuburingen and freiburg/br	1964
19640059941	Minutes of the twelfth technical direction meeting - athena program, 11 june 1964	1964
19640059942	The effect of temperature on the proton magnetic resonance spectra of ribonuclease, oxidized ribonuclease and lysozyme	1964
19640059958	Progress report no. 26, july and august, 1954	1964
19640059978	Intermittent creep and stability /formerly, long time intermittent creep/	1964
19640060058	Solid-state techniques for modulation and demodulation of optical waves third quarterly progress report, 1 jan. - 30 mar. 1964	1964
19640060116	Contamination of spacecraft in space simulators	1964
19640060135	Simulation of closed-loop feedback control system dynamics on the matric computer	1964
19640060137	Weight analysis report, model x-20, volume iii	1964
19640060143	V-32 calculus of variation for reentry flight minimizing or maximizing total drag squared	1964
19640060145	Feasibility test and evaluation aircrew anti-exposure suit /voit/	1964
19640060148	<study of composition and structure of meteorites, including the use and refinement of x-ray microspectrometric and microdiffrac- tion techniques< semi-annual report, jan. 1 - jun. 30, 1964	1964
19640060179	The role of system functions in the represen- tation and analysis of linear systems	1964
19640060187	Snap-8 program status review meeting at von karman center, 22 july 1964	1964
19640060188	Theoretical and experimental studies of high altitude chemical releases, using digital computing, photochemical and spectrophoto- graphic analyses semi-annual report no. 4, 1 mar. - 31 aug. 1964	1964
19640060190	Ultra fine particle size ferroelectrics final report, apr. 15, 1962 - feb. 14, 1964	1964
19640060202	Ray paths of acoustic waves in the ionosphere as obtained with an analog computer technical report no. 64	1964
19640060205	Oxygen servicing system- general assembly and operating instructions	1964
19640060206	Hydrogen servicing system- general assembly and operating instructions	1964
19640060231	Research and development on crystal filters third and fourth quarterly reports, 1 sep. 1963 - 1 mar. 1964	1964
19640060260	H-1 engine uprating study fifth informal monthly status report	1964
19640060309	Proceddings of the second tropospheric refraction effects technical review meeting, volume i	1964
19640060316	<area leak detector< quarterly progress report, 9 jun. - 30 aug. 1964	1964
19640060322	Charge exchange effects on transport properties	1964
19640060330	Dynamic bond stress in a composite structure subjected to a sudden pressure rise	1964
19640060343	Minuteman producibility study number 087- automated parts handler for stick carrier final report	1964
19640060356	Ex5 mod 1 solid propellant rocket motor quarterly progress report no. 3, 14 jun -15 sep. 1961	1964
19640060357	Research and development on high-energy propellants from nitrogen-rich binders seventh quarterly technical summary report, 16 feb. - 15 may 1964	1964
19640060361	Interplanetary trajectory search program- determination of initial conditions	1964
19640060364	A critical review of the sulinac concept and design final report	1964
19640060397	Modification no. 3 phase i seeker monthly progress report no. 2 1 aug. - 1 sep- 1964	1964
19640060411	Satellite inspector- guidance, rendezvous and station keeping studies. summary presentation	1964
19640060413	Subsystem description for glider launch control equipment	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19640060427	Development of ultra-high strength rocket motor cases by cryogenic stretch forming and cooled solid propellant rocket nozzles progress report, 21 feb. - 20 mar. 1961	1964
19640060428	Division iv press activities - summary to date and projected program	1964
19650000510	Advanced spaceborne detection, tracking, and navigation systems study and analysis, volume iii. part ii- analytical solution for the lunar mission compilation report 1750c	1964
19650000627	Aerospace medicine and biology. a continuing bibliography	1964
19650000700	A quasi-global presentation of tiros iii radiation data	1964
19650000702	Reactivity in space medicine <k probleme reaktivnosti v kosmicheskoy meditsine<	1964
19650000714	Physiological reactions of the human organism to transverse accelerations and means of raising the resistance to such forces <fiziologicheskiye reaksii organizma cheloveka na poperechno napravlennyye uskoreniya i nekotoryye puti povysheniya ustoychi	1964
19650000742	Performance Characteristics of Modular Nanosecond Circuitry Employing Tunnel Diodes	1964
19650001039	Problems of flight by jet propulsion interplanetary flights	1964
19650001040	Effects of gravity on body functions and problems of space flight <gravitatsionnyye vozdeystviya v formirovani funktsiy organizma i problemy kosmicheskikh poletov<	1964
19650001204	Experimental investigation of droplet vaporization under conditions of high temperatures and pressures <eksperimental'noye issledovaniye ispareniiya kapel' v usloviyakh vysokikh temperatur i davleniya<	1964
19650001216	Radiation damage to semiconductors by high- energy electron and proton radiation progress report, 15 mar. - 15 sep. 1964	1964
19650001318	Research on spread-f studies final report	1964
19650001350	Research on non-magnetic power supplies	1964
19650001420	Structure and function of the vestibular apparatus under conditions of an altered gravitational field <struktura i funktsiya vestibulyarnogo apparata v usloviyakh izmenennogo gravitatsionnogo polya<	1964
19650001444	Effect on the body of prolonged exposure to conditions of artificial atmosphere <vliyaniye na organizm dlitelnogo prebyvaniya v usloviyakh iskusstvennoy atmosfery<	1964
19650001463	Advanced X-15A-2 Ablation System Design, Tests, and Analysis	1964
19650001700	Fluxes of outgoing radiation at variously oriented surfaces at an altitude of 300 kilometers <potoki ukhodyashchego izlucheniya na razlichno-orientirovannyye poverkhnosti na vysote 300 km<	1964
19650001701	Magnetic fields and the fine structure of the chromosphere in the active region <magnitnyye polya i tonkaya struktura khromosfery v aktivnoy oblasti<	1964
19650001702	Magnetic field in a fluid of infinite conductivity placed in a uniform gravitational field <le champ magnetique dans un fluide de conductivite infinie place dans un champ gravitationnel uniforme<	1964
19650001703	Exact solution of the problem of supersonic gas flow past certain spatial bodies <tochnoye resheniye zadachi obtekaniya nekotorykh prostranstvennykh tel sverkhzvukovym potokom gaza<	1964
19650001705	Biology and cosmonautics <biologiya i kosmonavtika<	1964
19650001706	The belier, centaure and dragon rocket engines	1964
19650001707	Calculation of flow around the lower surface of delta wings at wide angles of attack <raschet techeniya okolo nizhney poverkhnosti treugol'nykh kryl'yev pri bol'shikh uglakh ataki<	1964
19650001708	A study of supersonic explosions <etudes des detonations supersoniques<	1964
19650001709	Some considerations on two-phase fluid hydraulics <quelques considerations sur l'hydraulique des fluides biphasés<	1964
19650001710	Experimental rockets, an auxiliary teaching aid <les fusees experimentales, moyen auxiliaire d'enseignement<	1964
19650001711	Calculation of the statistical sums for diatomic molecules taking into account the highly excited electron states <vychisleniye statisticheskikh summ dvukhatomnykh molekul s uchetom vysokikh vzbuzhdennykh elektronnykh sostoyaniy<	1964
19650001842	On the presence of oxygen in the atmosphere of venus <o nalichii kisloroda v atmosfere venery<	1964
19650001843	On the propagation of meter waves in the interplanetary space <o rasprostraneni metrovykh radiovoln v mezhplanetnom prostranstve<	1964
19650001844	Optical properties of the atmosphere of planet mars in the ultraviolet spectrum region <ob opticheskikh svoystvakh atmosfery marsa v ul'trafioletovom uchastke spektra<	1964
19650001845	Polarization measurements of zodiacal light <polarizatsionnyye izmereniya zodiakal'nogo sveta<	1964
19650001846	On the concentration of dust in the upper atmosphere layers <o kontsetratsii pyli v verkhnikh sloyakh zemnoy atmosfery<	1964
19650001847	Passage through the speed of sound in laval nozzles with circular cross section <o perekhode cherez skorost' zvuka v soplakh laval'nykh s kruglym poperechnym secheniyem<	1964
19650001848	On the effect of solar activity on processes in the earth's lower atmosphere <o vliyani solnechnoy aktivnosti na protsessy b nizhney atmosfere zemli<	1964
19650001850	Psychophysiological efficiency of the macacus monkey after cortex ablation <psycho- physiologische leistungsfahigkeit des macacus- affen nach cortexausschaltungen<	1964
19650001881	Supersonic transport propulsion system continued research and study of high temperature turbine and exhaust nozzle noise. volume ii- exhaust nozzle noise program third quarter progress report 15 oct. 1963 15 jan. 1964	1964
19650002007	An analysis of creep rupture	1964
19650002028	High density plasma physics final report, oct. 1, 1959 - dec. 31, 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650002093	Spectral distribution of direct and diffuse solar radiation <spektral'noye raspredeleniye pryamoy i rasseyannoy radiatsii<	1964
19650002273	General principles concerning the reaction of the organism to the complex environmental factors existing in spacecraft cabins <obsh- chiye zakonomernosti reaktsiy organizma cheloveka na kompleksnoye vozdeystviye fak- torov sredi, kharakternykh dlya	1964
19650002307	The biological evaluation of radiation conditions on the path between the earth and the moon <biologicheskaya otsenka radia- tsionnykh usloviy na trasse zemlya-luna<	1964
19650002419	Radar location of the sun <o radiolokatsii solntsa<	1964
19650002486	Representation and calculation of the spectral density of the field of atmospheric turbulence based on the results of aircraft flight tests <representation et calcul de la densite spectrale du champ de turbulence atmospherique a partir d'essais en v	1964
19650002487	Stress concentration in a cylindrical shell with a round aperture in its side <kontsentratsiya napruzhen' v tsilindrichnyi obolotsi z krugovim virizom na bokoviy poverkhni<	1964
19650002507	Review of problems in application of super- sonic combustion	1964
19650002618	Results of microbiological and cytological investigations on vostok type spacecraft <itogi mikrobiologicheskikh i tsitolo- gicheskikh issledovaniy na kosmicheskikh korablyakh tipa "vostok"<	1964
19650002659	The thermal conductivity and seebeck coefficient of some cubic sodium tungsten bronzes	1964
19650002668	Methods of decreasing the time constant of input circuits of electrometric amplifiers <metody umen'sheniya postoyannoy vremeni vkhodnoy tsepi elektrometricheskikh usiliteley<	1964
19650002669	Eigen noise in wide-band electrometric amplifiers <sobstvennyy shum shirokopolosnykh elektrometricheskikh usiliteley<	1964
19650002670	Electrometric amplifiers using subminiature tubes <elektrometricheskiye usiliteli na subminiaturnykh lampakh<	1964
19650002671	Tables of heat capacity and enthalpy of water and steam <tablitsy opornykh toчек teployemkosti i ental'pii vody i vodyanogo para<	1964
19650002672	Steady motion of a viscous conducting fluid in rectangular pipes under the influence of a transverse external magnetic field & ob ustanovivshemsya techenii vyazkoy provodyashchey zhidkosti po pryamolineynym trubam, nakhodyashchimsya v poperechnom vne	1964
19650002673	Investigation of some magnetic properties of fe-al alloys <issledovaniye nekotorykh magnitnykh svoystv splavov fe-al<	1964
19650002712	Calculation of transonic nozzle flow	1964
19650002837	Studies of manual control systems progress report no. 4, 19 apr. - 18 jul. 1964	1964
19650002841	Preliminary experiments with a velocity- selected atomic-beam apparatus	1964
19650002842	Fluid amplifier application studies	1964
19650002900	Preliminary investigation of effect of environmental factors on salt stress corrosion cracking of ti-8al-imo-iv at elevated temperatures	1964
19650002902	Experimental investigation of insulating refractory-metal heat-shield panels	1964
19650002906	Tables of energy losses and ranges of heavy charged particles	1964
19650002997	On the existence of optimal stochastic controls	1964
19650003003	Instrumentation report on spaerbee 300a flight 6.09 ga	1964
19650003006	Facility description- goddard antenna test range	1964
19650003021	Design improvements in liners for glass-fiber filament-wound tanks to contain cryogenic fluids quarterly report no. 0889-01-1, jul. - 30 sep. 1964	1964
19650003207	Contribution to the study of the structure of the ionosphere <contribution a l'etude de la structure de l'ionosphere<	1964
19650003238	Investigation of nonequilibrium flow effects in high expansion ratio nozzles	1964
19650003596	Problems of solar activity	1964
19650003650	Physics of nonthermal radio sources	1964
19650003712	Dynamic Performance of Pressure Transducers in Shock and Detonation Tubes	1964
19650003848	A hybrid ranging system for spacecraft	1964
19650003932	Preparation and evaluation of fiber metal nickel battery plaques first quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650003934	Welding for electronic assemblies	1964
19650003936	Alkali metals boiling and condensing investigations quarterly progress report no. 9, jun. 30 - sep. 30, 1964	1964
19650003963	Summary of major nasa amr /etr/ launchings, 1 october 1958 - 30 september 1964 ksc historical report no. 1	1964
19650003974	An explicit solution for large systems of linear differential equations	1964
19650003975	Thermoelectric bonding study first quarterly progress report, 29 jun. - 30 sep. 1964	1964
19650004025	Aviation and space medicine	1964
19650004026	Results of physiological investigations on the spaceships vostok 3 and vostok 4	1964
19650004228	Aerospace medicine and biology - a continuing bibliography	1964
19650004245	Study program to improve fuel cell performance by pulsing techniques quarterly report, period ending nov. 30, 1964	1964
19650004246	Analytical study of liquid metal condensers. volume 1- design study topical report, 1 jun. - 1 dec. 1963	1964
19650004257	The condition of regular degeneration for singularly perturbed linear differential- difference equations	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650004260	General dynamics of physical chemical systems in mammals first quarterly progress report, 1 jun. - 20 nov. 1964	1964
19650004458	Pem for gold-doped germanium infrared detector type ir400 quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650004468	Improved metallography for tic and tic-c alloys	1964
19650004494	Research study for positive expulsion of cryogenic liquids beech engineering report no. 14252, jun. 1963 - mar. 1964	1964
19650004505	Study of the dynamic stability and control of large non-rigid aeroballistic vehicles, volume ii final report	1964
19650004575	Study to establish electromagnetic compatibil- ity specifications, phase i	1964
19650004576	Research in the aerospace physical sciences third semiannual report, mar. 1 - aug. 31, 1964	1964
19650004577	An ensemble averaging approach to optimal guidance polynomial approximations	1964
19650004750	Phase height oscillations in the ionosphere technical report no. 7 and technical report no. 95	1964
19650004793	Determination of the weldability and elevated temperature stability refractory metal alloys fifth quarterly report, 21 jun. - 20 sep. 1964	1964
19650004800	Ion rocket system research and development quarterly report, 1 sep. - 30 nov. 1964	1964
19650004801	Thirty kilowatt plasmajet rocket engine development. third year development program summary report, 1 jun. 1963 - 31 may 1964	1964
19650004858	The problem of space flight worth analysis	1964
19650004877	Thermodynamic properties of carbon-nitrogen mixtures at high temperatures interim technical report	1964
19650004931	Mathematical wind profiles	1964
19650004932	Liquid rocket combustion processes. task no. 1- initiation of literature survey progress report	1964
19650004933	<multidisciplinary Research in the Space Related Physical, Engineering, Social and Life Sciences< Quarterly Progress Report No., 75	1964
19650004934	Engineering study and preliminary design of a one man propulsion device for lunar and free-space environments mid-point oral status report	1964
19650004935	Single parameter testing. phase a- comple- tion report	1964
19650004936	Operation manual for conical shell program	1964
19650004937	A report bibliography for the trisonic aerodynamics of cone-cylinder-flare-cylinder type bodies	1964
19650004940	The ranger vi flight path and its determina- tion from tracking data	1964
19650004996	Design and development of a hermetically sealed 12 ampere-hour silver-cadmium cell in a non-magnetic metallic case final report	1964
19650005001	Lhk - an ibm 7044 code to calculate cross sections and kernels for liquid para- and ortho-hydrogen	1964
19650005006	Medical Studies on the Cosmic Spacecrafts 'Vostok' and 'Voskhod'	1964
19650005056	Development of high strength, brazed aluminum, honeycomb sandwich composites adaptable for both elevated and cryogenic temperature applications third quarterly report, jan. - mar. 1964	1964
19650005200	Feasibility study for development of a hypervelocity gun second quarterly progress report, 14 aug. - 14 nov. 1964	1964
19650005201	Mechanisms of strengthening and fracture in composite materials first progress report, jun. 1 - nov. 30, 1964	1964
19650005202	Magnetic properties of some macromolecules of biological interest final report	1964
19650005203	Surveyor, Mission A. Space Flight Operations Plan	1964
19650005204	Vibrations and stability of buckled rectangular plates	1964
19650005205	Power loss between arbitrarily polarized antennas	1964
19650005206	The ignition of powdered metals in nitrogen and in carbon dioxide	1964
19650005208	Brayton cycle solar collector design study final report, 26 jul. 1963 - 10 apr. 1964	1964
19650005328	Operation manual for spherical shell program	1964
19650005330	Space programs summary no. 37-30, volume vi for the period september 1, 1964 to october 31, 1964. space exploration programs and space sciences	1964
19650005331	Intermediate state theory of scattering resonances technical report no. 418	1964
19650005334	Gravitational and resonance experiments on very low-energy free electrons and positrons progress report, 1 feb. - 1 dec. 1964	1964
19650005350	Study of an attitude control system for the astronaut maneuvering unit, volume i final report, dec. 1963 - jul. 1964	1964
19650005351	Study of an attitude control system for the astronaut maneuvering unit, volume ii final report	1964
19650005352	Study of an attitude control system for the astronaut maneuvering unit, volume 111 final report	1964
19650005353	Structure of the earth's magnetopause	1964
19650005354	A study to develop a magnesium oxide material for storage heaters progress report no. ii, 1 sep. - 31 oct. 1964	1964
19650005355	Tritium loss at reduced pressures in a hydrogen atmosphere	1964
19650005356	Theoretical research - electronic, ionic, and atomic impact phenomena quarterly progress report, 16 sep. - 15 dec. 1964	1964
19650005357	The alfvén invariant in the field of a magnetic unipole	1964
19650005359	The development of an analogy to blast-wave theory for the prediction of interaction forces associated with gaseous secondary injection into a supersonic stream	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650005410	General perturbation methods for celestial mechanics and differential correction schemes for the calculus of variations summary report, dec. 20, 1962 - feb. 20, 1964	1964
19650005415	Investigations of the permeability of parachute fabrics semiannual progress report	1964
19650005416	Study of growth parameters for refractory carbide single crystals quarterly status report no. 2, 1 jun. - 1 sep. 1964	1964
19650005417	Gravity gradient rod thermal bending test report, supplement	1964
19650005418	Space transport capabilities of chemically- fueled propulsion systems using storable and cryogenic propellants summary report	1964
19650005450	Flow of electrons through a neutral scattering gas in a thermionic diode	1964
19650005452	Ac-4 atlas-centaur flight evaluation /launched december 11, 1964/	1964
19650005453	Neutron cross sections for aluminum topical report	1964
19650005461	Eleventh semiannual report to congress, january 1 - june 30, 1964	1964
19650005538	Histopathologic evaluation of a laboratory primate- the squirrel monkey /saimiri sciurus/ report no. 1	1964
19650005539	1-112 inch rugged image dissector tube final report, 25 feb. - 18 sep. 1964	1964
19650005540	Emitter sheath polarity in plasma diodes	1964
19650005541	Meteoroid penetration distributed transducer final report	1964
19650005542	Analysis of thermal environment problems and the creation of analytical tools for selected situations on saturn vehicles, phase ii final report	1964
19650005543	Vent quality meter study final report	1964
19650005544	Effects of hydrostatic pressure cycling on the mechanical behavior of body centered cubic refractory metals and alloys interim technical report no. 1	1964
19650005546	Flux penetration in thin walled superconducting cylinders	1964
19650005547	The level of microbial contamination in a clean room during a one year period protection branch report of test no. 11-65	1964
19650005548	Zero-rate error in a vibratory double-modulation gyroscope	1964
19650005582	Thermal effect on the rotational period of an artificial satellite	1964
19650005583	Magnetometer sensor development program final report	1964
19650005584	Feasibility study and development of a reliable and accurate common bulkhead corrective measurement system, volume i, phase i final report	1964
19650005585	Spacecraft temperature control by thermostatic fins-test preparation semiannual report, 1 jun. - 1 dec. 1964	1964
19650005587	Product management for defense/space markets	1964
19650005588	Basic studies on dispersion hardening final report	1964
19650005616	Delay-lock arod system study, volume i final report, 17 apr. - 17 nov. 1964	1964
19650005617	The energy dependence of the abundance of lithium, beryllium, and boron in the primary cosmic radiation- observations at fort churchill	1964
19650005618	The jpl thermochemistry and normal shock computer program	1964
19650005619	Ac ratio transformer technique for precision insertion loss measurements	1964
19650005621	A procedure in the design of spherical domes	1964
19650005622	Communications of the lunar and planetary laboratory, volume 2, numbers 31-35- mars issue	1964
19650005623	Research and development in fluid logic elements technical summary report	1964
19650005624	<research relevant to meteorological satellites in advanced measuring techniques of high altitude> sixth quarterly status report, 1 may - 31 jul. 1964	1964
19650005625	Analysis of an arc-jet exhaust	1964
19650005650	An arc tunnel facility for the thermal analysis of anode and cathode regimes in an electric arc column summary report, jul. 1963 - jun. 1964	1964
19650005651	The alpha-cell direct-conversion generator final report	1964
19650005652	Launch vehicles	1964
19650005724	A parachute design study for a mars entry vehicle	1964
19650005729	Statistical patterns of large parabolic antennas	1964
19650005730	Analysis of Axially Symmetric De Laval Nozzles for Adiabatic, Steady, Nonviscous, Rotational, Compressible Flow	1964
19650005731	Effect of taper angle variation on the submillimeter, far-infrared transmission efficiency of linearly tapered light pipes	1964
19650005732	Development of materials for saturn flexible heat shield curtains and tail section insulation final report, 17 jan. 1962 - 17 dec. 1964	1964
19650005733	Heat transfer and pressure investigations of an si/s-iv stage separation model using short-duration techniques. volume i- introduction and general method	1964
19650005735	Detection techniques for tenuous planetary atmospheres third six-month report, jul. 1 - dec. 30, 1964	1964
19650005749	Pressure measuring systems for closed cycle liquid metal facilities third quarterly report, sep. 1 - nov. 30, 1964	1964
19650005759	Partial wave analysis of electromagnetic wave propagation in inhomogeneous media	1964
19650005761	Boundary layer noise response simulation with a sound field	1964
19650005762	Optimum control with desired input piece-wise continuous	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650005768	Effects of plant growth hormones on plant development in the absence of gravitational effects third semiannual status report, sep. 1, 1963 - feb. 29, 1964	1964
19650005772	Behavioral Research and Experimental Analysis of Complex Behavioral Repertoires Under Full Environmental Control Semiannual Status Report, Aug. 1, 1963 - Jan. 31, 1964	1964
19650005774	On the prediction of some random loading characteristics relevant to fatigue	1964
19650005776	Abstracting and indexing coverage of the literature of space biology	1964
19650005777	Investigation of Perognathus as an Experimental Organism for Research in Space Biology	1964
19650005778	Automatic pattern recognition of meteorological satellite cloud photography	1964
19650005779	Acceleration factor determination for metal film resistors quarterly progress report no. 2, 15 mar. - 15 jun. 1964	1964
19650005780	Reliability variation analysis for space system development	1964
19650005781	Redistribution of trapped protons during a magnetic storm	1964
19650005800	Study in multivariate approximations for steering and other control functions in space flight operations of saturn type vehicles final report	1964
19650005801	Thermal control by use of fusible material fourth monthly progress report, jun. 1964	1964
19650005806	An x-ray spectrograph for lunar surface analysis	1964
19650005823	The Drift Velocity of Trapped Particles	1964
19650005824	Total emissivity of hot water vapor. 1- the high-pressure upper limit	1964
19650005879	Conference on artificial satellites, part a	1964
19650005900	The Manned Orbital Laboratory	1964
19650005934	Nasa contributions to the technology of inorganic coating	1964
19650005935	Liquid rocket combustion processes progress report no. 2	1964
19650005988	Experiences in simulating the space environment for scientific satellites	1964
19650005990	Vapor-Deposited Tungsten	1964
19650005991	Study of capacitors for static inverters and converters final report	1964
19650006110	Spacecraft electric power system sizing and analysis computations final report, jul. 1963 - feb. 1964	1964
19650006111	Development of space-stable thermal-control coatings /paints with low solar absorptance/ emittance ratios/ triannual report, 20 sep. 1963 - 20 jan. 1964	1964
19650006200	A study of phycophysiology in controlled environments ninth semiannual status report, 1 apr. - 30 sep. 1964	1964
19650006213	Characterization of nickel-cadmium electrodes fifth quarterly report, 1 jul. - 1 oct. 1964	1964
19650006215	A study of spacecraft testing philosophies and techniques final report	1964
19650006218	A bibliography on the effects of short-wave and particle radiation on glasses astro- geophysical memorandum no. 164	1964
19650006220	Space programs summary no. 37-30, volume iv for the period october 1, 1964 to november 30, 1964. supporting research and advanced development	1964
19650006221	Evaluation of critical factors related to a flight experiment for reflective surface samples final report, 23 mar. - 20 jul. 1964	1964
19650006222	Brayton cycle cavity receiver development quarterly report, apr. - jun. 1964- jul. - sep. 1964	1964
19650006223	Low voltage dc to dc converter-regulator with minimum external magnetic field disturbance second quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650006275	Development of a charged colloid source for electrostatic propulsion report no. 82	1964
19650006345	Materials and methods for large-area solar cells final report, 1 oct. 1962 - 30 sep. 1964	1964
19650006350	Pneumatic nutator actuator motor second quarterly report	1964
19650006359	Neutron cross sections for tungsten isotopes topical report	1964
19650006407	Continuous zone refining	1964
19650006426	Vestibular problems in relation to space travel	1964
19650006427	Review of biological mechanisms for application to instrument design third quarterly report	1964
19650006429	Model ra-5c airplanes biweekly flight test summary reports through report no. na-58h- 210-243, quarterly index	1964
19650006477	Control, stability and nonlinear oscillations final report, 24 aug. 1963 - 24 aug. 1964	1964
19650006478	A comparison of several aerodynamic heat transfer prediction methods final report	1964
19650006480	Feasibility study of oxygen/hydrogen powdered metal ignition first quarterly progress report, 16 sep. - 15 dec. 1964	1964
19650006576	Research and development in cds photovoltaic film cells second quarterly report, 19 aug. - 19 nov. 1964	1964
19650006601	Neutron cross sections for beryllium	1964
19650006602	Neutron cross sections for u235	1964
19650006626	Flight reentry experiments	1964
19650006630	An evaluation of vapor-deposited tungsten tubing topical report	1964
19650006652	Investigation of light scattering in highly reflecting pigmented coatings quarterly report, 1 aug. - 1 nov. 1964	1964
19650006653	Current transfer in contacts involving superconductors research report no. 193	1964
19650006654	A series useful in the study of difference equations	1964
19650006655	Improvement of creep strength and low-temperature ductility of refractory metals by means of mechanical twinning first quarterly progress report, 1 sep. - 30 nov. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650006657	Research on low density thermal insulation materials for use above 3000 deg f third quarterly status report, 1 jul. - 30 sep. 1964	1964
19650006658	Sa-7 vehicle and launch complex functional description. volume viii- h-1 engine and hydraulic system	1964
19650006659	Parameter optimization interim report no. 4, 1 jul. - 30 sep. 1964	1964
19650006660	A study of the use of vapor and vacuum deposition technique for the development of high strength filamentary materials quarterly progress report no. 2, 23 jul. 1964 - 22 oct. 1964	1964
19650006661	Instrumentation for measurement of cosmic noise at 0.75, 1.225 and 2.0 mc/s from a rocket technical report no. 64-15	1964
19650006662	Mathematical models of missile launching, part iii	1964
19650006663	Astrogeologic studies- summary annual progress report, jul. 1, 1963 - jul. 1, 1964	1964
19650006665	Astrogeologic studies part b- crater investigations annual progress report, jul. 1, 1963 - jul. 1, 1964	1964
19650006666	Astrogeologic studies. part c- cosmic chemistry and petrology fifth annual progress report, jul. 1, 1963 to jul. 1, 1964	1964
19650006670	Contour forming of honeycomb	1964
19650006675	Radioisotopic biochemical probe for extraterrestrial life quarterly progress report no. 11	1964
19650006714	Study of rankine-cycle space nuclear power systems	1964
19650006715	A computer program for transient thermal analysis of arbitrary shells of revolution	1964
19650006716	Instrumentation for the determination of the lunar atmosphere quarterly report, jul. 13 - oct. 13, 1964	1964
19650006717	Chemical evidence relative to the origin of the solar system	1964
19650006718	The catalytic decomposition of glucose in aqueous solution by thermal proteinoids	1964
19650006719	Laser modulation at the atomic level monthly report no. 5, 1-30 nov. 1964	1964
19650006742	Into the Mechanism of Noise Generation by Supersonic Flows - an Account of Research Work	1964
19650006748	Saturn illustrated chronology, april 1957 to june 1964	1964
19650006828	Peripheral mechanisms of human temperature sensitivity status report no. 5, 1 sep. 1963 - 29 feb. 1964	1964
19650006832	The Problem of Man's Gravito-inertial Force Environment in Space Flight Progress Report No. 4, 1 Jan. - 31 Mar. 1964	1964
19650006838	Design of minimum energy discrete-data control systems scientific report no. 7	1964
19650006839	Research on gravitational mass sensors status report no. 2, 15 nov. - 15 dec. 1964	1964
19650006873	Investigation of light scattering in highly reflecting pigmented coatings letter report, jan. 1 - mar. 1, 1964	1964
19650006874	Consolidated quarterly progress report, period ending february 1, 1964	1964
19650006879	The Effect of Line Blanketing on Ultraviolet Stellar Radiation	1964
19650006884	Conduct Research on the Effect of Very Strong Fields and of Magnetic Field-free Environments on Man and Animals Progress Report, 1 Feb. - 30 Apr. 1964	1964
19650006894	Stochastic Models for Multi-Valued, Multi-Dimensional Relations Semiannual Status Report, Oct. 15, 1963 - Apr. 15, 1964	1964
19650006895	Superconductivity in the Artificial Metals- Metallic Indium Antimonide, the Indium Antimonide - Tin Alloys, and Metallic Indium Telluride	1964
19650006896	Radioisotopic biochemical probe for extraterrestrial life third annual progress report	1964
19650006897	Mars-Venus Capsule Parameter Study. Volume I- Introduction and Analysis	1964
19650006898	A study of pressure prediction methods for radial flow impellers final report, jun. 1963 - mar. 1964	1964
19650006899	<special functions and solution representations of partial differential equations> semiannual progress report	1964
19650006950	Diffusion coefficients in liquid metals- a compilation of published literature	1964
19650006951	Anomalous diffusion and instabilities of an argon plasma in a strong magnetic field	1964
19650007008	Systems constraints on the search for extraterrestrial life	1964
19650007009	Instrumentation requirements for life detection systems	1964
19650007138	Ranger tv subsystem flight evaluation report for flight model iii-2 /ra-7/	1964
19650007140	The improvement of zinc electrodes for electrochemical cells second quarterly report, 13 sep. - 12 dec. 1964	1964
19650007141	Two stage potassium test turbine quarterly progress report no. 13, may 8 - aug. 8, 1964	1964
19650007144	Potassium corrosion test loop development quarterly progress report no. 5, jul. 15 - oct. 15, 1964	1964
19650007145	Determination of the emissivity of materials semiannual progress report, may 14 - nov. 15, 1964	1964
19650007157	Laboratory for nuclear science progress report no. 64	1964
19650007204	Components Irradiation Test No. 1 - Transistors and SCR's	1964
19650007209	Studies of manual control systems progress report no. 5, 19 jul. - 18 oct. 1964	1964
19650007210	Study of laser pointing problems bimonthly technical report, 1 oct. - 30 nov. 1964	1964
19650007214	Radioisotopic biochemical probe for extraterrestrial life quarterly progress report no. 15	1964
19650007225	Space biology and space bioscience resources bscp communique	1964
19650007227	Mars-venus capsule parameter study. volume iii- venus results	1964
19650007230	Testing of ablation material- preliminary data concerning nondegraded ablation materials, nos. 1, 2, 3, and 4 technical progress letter no. 4, 10 jan. - 10 feb. 1964	1964
19650007239	Stability rating program for large rocket engine systems, phase ii final report	1964
19650007241	Mars-venus capsule parameter study. volume ii- mars results	1964
19650007331	Study of the transferral of space technology to biomedicine final report	1964
19650007332	Ionization chamber-geiger tube instrument fabrication program final report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650007365	Manned Space Flight: Projects Mercury and Gemini	1964
19650007394	Airborne investigation of atmospheric turbulence	1964
19650007452	Daphnia Survival Studies Progress Report No. 1, Nov. 1, 1963 - May 1, 1964	1964
19650007453	Primitive Earth Synthesis of Amino Acids and Polypeptides Status Report, Jul. 1 - Dec. 31, 1963	1964
19650007456	Biological Effects of Prolonged Exposure of Small Animals to Unusual Gas Environments Third Semiannual Progress Report, 1 Sep. 1963 - 29 Feb. 1964	1964
19650007469	Research in Photosynthesis Quarterly Report No. 3, 6 Dec. 1963 - 6 Mar. 1964	1964
19650007498	Investigation of the superconducting properties of transition metal alloy systems final report	1964
19650007598	Development of dispersion strengthened tantalum base alloy fourth quarterly progress report, 20 aug. - 19 nov. 1964	1964
19650007614	A pneumatic model launcher for free-flight testing in a conventional wind tunnel	1964
19650007618	A study of tungsten-technetium alloys quarterly progress report, 1 jul. - 1 oct. 1964	1964
19650007619	The tail of the magnetosphere	1964
19650007620	1-1/2 inch rugged image dissector tube final report, 25 feb. - 18 sep. 1964	1964
19650007653	On the wave propagation in nonuniform media	1964
19650007655	Studies of interfacial surface energies summary report	1964
19650007669	Snap-8 seals-to-space development test program. volume i- visco pump	1964
19650007671	Snap-8 seals-to-space development test program. volume iii- dynamic slinger	1964
19650007672	Snap-8 seals-to-space development test program. volume iv- integrated seal simulator	1964
19650007673	Development of electrical switchgear for space nuclear electrical systems, phase i final report, 16 jul. 1963 - 16 oct. 1964	1964
19650007680	Results on gamma-ray astronomy from explorer xi	1964
19650007687	Guidance and Computer Scheme for Manned Lunar Landing	1964
19650007784	Direct energy conversion literature abstracts	1964
19650007803	Lightning observations from satellites final report	1964
19650007903	Infrared spectrometer calibration monochromation study final report	1964
19650007904	X-ray and electron damage, and photochemical reactions in cds single crystals and layers, and annealing of these defects semiannual progress report, 1 jul. - 31 dec. 1964	1964
19650007905	The two-variable expansion method for lunar trajectories	1964
19650007911	Development and fabrication of a molecular electronics preamplifier- ws-116 nasa preamplifier summary report	1964
19650007923	Computer-aided electronic circuit design, part i and conduction processes in thin films, part ii status report, jun. 1 - nov. 30, 1964	1964
19650007925	Components irradiation test no. 5- hpa-1002 and in1616 diodes, s2n1724 and 2n2222 transistors, 2n511 flip flop bistable network, sn522 operational amplifier	1964
19650007926	Development of improved thermoelectric materials for spacecraft applications first quarterly progress report, jun. 29 - oct. 1, 1964	1964
19650007927	Investigation of mechanical properties of chromium, chromium-rhenium, and derived alloys eighteenth quarterly progress report, jun. 1 - sep. 30, 1964	1964
19650007929	Finite slump strains in vertical, infinitely long, hollow, elastic cylinder externally case-bonded to an elastic tank technical report no. 7	1964
19650007930	Fundamental research in solid state energy conversion processes semiannual technical summary report no. 3, jun. 1 - nov. 30, 1964	1964
19650007936	Investigation of stability predictions of fluid-jet amplifier systems semiannual report	1964
19650007938	Apollo logistics support systems molab studies. mobility development test requirements, molab locomotion system	1964
19650008000	Galactic hydrogen as a hazard in auroral spectroscopy	1964
19650008001	Study of porous wall low density wind tunnel diffusers summary report	1964
19650008002	Human factors and environmental control/life support systems study program- lunar exploration systems for apollo midterm status report	1964
19650008003	<data transmission requirements and techniques for comparing the utilities of alternative experiments or payload mixes> second quarterly progress report, 1 may - 1 aug. 1964	1964
19650008004	Analysis and development of failure-responsive system organizations technical report no. 5	1964
19650008007	The effects of radiation on nickel-cadmium battery electrodes iii second interim report, 13 jun. - 13 sep. 1964	1964
19650008025	Research regarding guidance and space flight theory relative to the rendezvous problem technical summary report, 21 feb. 1962 - 22 sep. 1964	1964
19650008091	Fundamental atom chemistry - applications to chemistry of the upper atmosphere final technical report	1964
19650008148	Secondary emission effects in ion beams	1964
19650008263	Effect of taper angle variation on the submillimeter, far-infrared transmission efficiency of linearly tapered light pipes technical memorandum	1964
19650008271	Meteoroid simulation using lasers	1964
19650008272	Research on the magnetic and electrical properties of selected materials under extreme environmental conditions final report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650008284	Research and development on cells with bellows controlled electrolyte levels second quarterly report, 10 sep. - 10 dec. 1964	1964
19650008285	Radiation-resistant device phenomena	1964
19650008345	A comparison among eight known optimizing procedures internal working paper no. 20	1964
19650008346	Research Study of the Utilization of Bioelectric Potentials Final Report	1964
19650008349	A review of governing processes and liquid cavitation phenomena for flow in curved ducts technical note r-119	1964
19650008351	Study of biochemical fuel cells final report, 19 mar. 1963 - 19 sep. 1964	1964
19650008352	A study of the reliability of electronic components in a nuclear-radiation environment fifth quarterly report, 1 jan. - 31 mar. 1964	1964
19650008353	A study of the reliability of electronic components in a nuclear-radiation environment seventh quarterly report, 1 jul. - 30 sep. 1964	1964
19650008354	Arod transponder final engineering report	1964
19650008355	Arod transponder theory of operation	1964
19650008391	Studies of alkali metal corrosion on materials for advanced space power systems quarterly progress report 2, 26 sep. - 6 dec. 1964	1964
19650008394	The martian environment	1964
19650008447	Stationary point processes and their application to random sampling of stochastic processes	1964
19650008448	Dosimetric evaluation of the alpha flux in solar particle beams	1964
19650008511	Sa-7 vehicle and launch complex functional description. volume i- rp-1 fuel system	1964
19650008512	Sa-9 vehicle and launch complex functional description. volume i- rp-1 fuel system	1964
19650008513	Sa-7 vehicle and launch complex functional description. volume ii- lox system	1964
19650008514	Sa-9 vehicle and launch complex functional description. volume ii- lox system	1964
19650008515	Sa-7 vehicle and launch complex functional description. volume iii- liquid hydrogen system	1964
19650008516	Sa-7 vehicle and launch complex functional description. volume iv- nitrogen and helium storage facility	1964
19650008517	Sa-9 vehicle and launch complex functional description. volume iv- nitrogen and helium storage facility	1964
19650008518	Sa-7 vehicle and launch complex functional description. volume v- pneumatic distribution system	1964
19650008519	Sa-9 vehicle and launch complex functional description. volume v- pneumatic distribution system	1964
19650008520	Sa-7 vehicle and launch complex functional description. volume vi- environmental control system	1964
19650008521	Sa-9 vehicle and launch complex functional description. volume vi- environmental control system	1964
19650008522	Sa-7 vehicle and launch complex functional description. volume vii- launch pad accessories	1964
19650008523	Sa-9 vehicle and launch complex functional description. volume viii- h-1 engine and hydraulic system	1964
19650008524	Sa-7 vehicle and launch complex functional description. volume ix- r110a-3 engine and hydraulic system	1964
19650008525	Sa-9 vehicle and launch complex functional description. volume ix- r110a-3 engine and hydraulic system	1964
19650008526	Sa-7 vehicle and launch complex, functional description- separation and flight termination systems, volume x	1964
19650008527	Sa-9 vehicle and launch complex, functional description- separation and flight termination systems, volume x	1964
19650008528	Sa-7 vehicle and launch complex functional description, volume xi. supplement- legend and composite schematic	1964
19650008529	Sa-9 vehicle and launch complex functional description. volume xi- supplement- legend and composite schematic	1964
19650008530	Brayton cycle cavity receiver development quarterly report, oct. 1 - dec. 31, 1964	1964
19650008578	Parameters and characteristics of automation elements	1964
19650008587	System control and protection for paralleled static converters or inverters fourth quarterly report, 28 mar. - 27 jun. 1964	1964
19650008592	Design techniques for varactor frequency multipliers	1964
19650008623	Utilization of Refractory Metals on the X-20A (Dyna-Soar): Technical Documentary Report	1964
19650008647	Mechanical design analysis of biological instrumentation final report	1964
19650008648	A study on the determination of manufacturing problems significantly affecting reliability of silicon planar devices final summary report, jul. - dec. 1964	1964
19650008649	Components irradiation test no. 7, 2n834 transistors, in540 and in649 diodes, sin752a zener diodes	1964
19650008655	Direct microwave to microwave transponders for communication satellites	1964
19650008657	The effect of a variable electron temperature on the equatorial electron density distribution in the upper ionosphere	1964
19650008659	Slope detection as a method of determining the peak power point of solar arrays	1964
19650008660	The rotation of syncom iii during launch	1964
19650008661	Local error control in numerical integration through optimizing the order of the integrator	1964
19650008662	The structural dynamics data analysis laboratory	1964
19650008664	Low energy charged particle detection using the continuous channel electron multiplier	1964
19650008666	A very stable and linear 10-gain direct current amplifier	1964
19650008668	Shades of pogo	1964
19650008669	Tracking of a lunar transfer orbit	1964
19650008670	Intensity variations in the solar extreme ultraviolet spectrum observed by oso-i	1964
19650008672	The influence of venting on the apollo earth parking orbits	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650008674	Do solar flare proton events measure geometry of a diffusion process ques.	1964
19650008675	Propagation of the pressure waves produced by auroras	1964
19650008676	Hydromagnetic waves in a plasma with finite larmor radius	1964
19650008841	A shock tube technique for investigating droplet electrification in ionized flows	1964
19650008844	Heat transfer across surfaces in contact- transient effects of ambient temperatures and pressures	1964
19650008848	Progress report for june, july and august, 1964	1964
19650008879	Mixing processes in supersonic combustion	1964
19650008883	A catalog of positions and proper motions of 258 997 stars for the epoch and equinox of 1950.0	1964
19650008887	1-1/2 inch electrostatic image dissector final engineering report, jan. 24, 1961 - apr. 30, 1964	1964
19650008888	Reaction kinetics of accelerating flames final report	1964
19650008975	Handling and Storage of Food for Long Flights	1964
19650008983	The Appetite Factor	1964
19650008991	Animal Food for Astronauts	1964
19650009308	<Progress in the Lunar Manned Space Flight Program< News Release	1964
19650010091	The ultrastructure of the otolith organs in squirrel monkeys after exposure to high levels of gravitoinertial force research report no. 102	1964
19650010124	Studies of Electromagnetic Compatibility of Equipment and Systems Progress Report No. 15, 1 May - 31 Jul. 1964	1964
19650010252	The design of an experiment to determine the limitations imposed on a multiple-aperture antenna system by propagation phenomena second quarterly report, 1 sep. - 30 nov. 1964	1964
19650010254	Conference on electrical insulation annual report, 1964	1964
19650010290	Research to determine failure modes for transistors third quarterly report, apr. - jun. 1964	1964
19650011176	Unsteady fusion of bodies under the effect of aerodynamic heating <nestatsionarnoye oplavleniye tel pod deystviyem aerodinamicheskogo nagreva<	1964
19650011185	Further development of a ductile tungsten-base sheet alloy quarterly progress report, aug. 19 - nov. 19, 1964	1964
19650011224	C2 swan bands in comets	1964
19650011385	Measurement of the microstructure by the method of small angles <izmereniya mikrostruktury metodom malykh uglov<	1964
19650011702	Bearing lubricant endurance characteristics at high speeds and high temperatures progress report no. 7 apr. 1 - jun. 30, 1964	1964
19650012026	Sound propagation in a turbulent atmosphere <o rasprostraneni zvuka v turbulentnoy atmosfere<	1964
19650012027	Association of an electrical network with digital computers for determination of electron trajectories. application to ionic propulsion	1964
19650012175	Fabrication and experimental evaluation of common domes having waffle-like stiffening part ii- design tables for geodesic grid stiffened spherical domes under external pressure	1964
19650012324	Methods for determining of trace amounts of iron, aluminum and silicic acid in the reactor water of the primary circuit <metody opre- deleniya sledovykh kolichestu zheleza, alyu- miniya i okisi kremniya v vode pervogo kontura yadernykh reaktorov<	1964
19650012328	Fire I - The Reentry Heating Spacecraft	1964
19650012403	Analysis techniques for determining mass motions in the upper atmosphere from chemical releases scientific report no. 1	1964
19650012940	The earth's magnetic tail	1964
19650013010	Use of dynamic models in launch-vehicle development	1964
19650013512	Saturn i launch vehicle sa-10 and launch complex 37b functional systems description. volume ii- lox system functional description, index of finding numbers, and mechanical schematics	1964
19650013584	Saturn i launch vehicle sa-8 and launch complex 37b functional systems description. volume ii- lox system functional description, index of finding numbers, and mechanical schematics	1964
19650014346	Radiation patterns of four symmetrically located sources on a perfectly conducting sphere	1964
19650014533	Lunar Touchdown Dynamics Studies	1964
19650014791	Model atmospheres determined by absorption of solar radiation scientific report no. 6	1964
19650015119	Experimental Investigations of Simulated Meteoroid Damage to Various Spacecraft Structures Progress Report No. 2, Period Ending 30 Nov. 1964	1964
19650015321	The development of deployable solar arrays, phase i summary report	1964
19650015381	A theoretical model for predicting aluminum oxide particle size distributions in rocket exhausts	1964
19650016043	Project Ranger	1964
19650018126	The impact of v/stol aircraft on instrument weather operations	1964
19650018941	Image analysis of area-scan television	1964
19650019894	Effect of pressure environment on the damping of vibrating structures	1964
19650020123	Program for the evaluation of structural reinforced plastic materials at cryogenic temperatures annual and fourth quarterly report, 23 jun. 1963 - 28 jun. 1964	1964
19650020947	Determination of rocket engine noise damage to community dwellings near launch sites final report	1964
19650022358	Measurements of Turbulent Heat Transfer and Skin Friction Reduction on a Porous Cone with Air Injection at High Mach Numbers	1964
19650023014	Symposium on the structure of low-medium mass nuclei	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650023563	Fine measurements in graphite lattices <mesures fines dans des reseaux a graphite<	1964
19650024255	Research on the properties of optimum meteoroid shields summary report	1964
19650025621	Spectral Measurements on High Intensity Light Sources	1964
19650025639	Rolling-contact studies with four refractory materials to 2000 deg f	1964
19650025981	On the subject of cosmic flights without space equipment and without propellant	1964
19650026174	Twelfth semiannual report to congress, july 1 - december 31, 1964	1964
19650027379	A Simple Model of the Interplanetary Magnetic Field.	1964
19650027408	Effects of Sonic Boom and Other Shock Waves on Buildings.	1964
19650027628	Time Correlation of Extreme Ultraviolet Radiation and Thermospheric Temperature.	1964
19650027629	Studies of Planetary Atmospheres. I - the Distribution of Electrons and Ions in the Earth's Exosphere.	1964
19650027630	Electron Density at the Alouette Orbit.	1964
19650027635	Some Results of Rocket Experiments in the Quiet D Region.	1964
19650027640	Data from Explorer 17 on Composition of the Upper Atmosphere.	1964
19650027641	First Electrostatic Probe Results from Explorer 17.	1964
19650027642	Atmospheric Densities from Explorer 17 Density Gages and a Comparison with Satellite Drag Data.	1964
19650027934	The Gemini Science Program.	1964
19650027935	Medical Experiments in Gemini.	1964
19650027936	Simulating Gemini-Agena Docking.	1964
19650028208	An Aerodynamically Sculptured Bediasite.	1964
19650028214	The Origin and Nature of Solid Particles in Space.	1964
19650028220	Satellite Measurements of the Meteoroid Environment.	1964
19650028227	Microscopic Extraterrestrial Particles from the Antarctic Peninsula.	1964
19650028429	Inertial Guidance, Navigation, and Control Systems.	1964
19650028433	Velocity Requirements and Re-Entry Flight Mechanics for Manned Mars Missions.	1964
19650028435	Orbital Burden Rates for Manned Space Missions.	1964
19650028785	Structures Technology - 1964.	1964
19650028789	Aircraft Trailing Vortices - a Hazard to Operations.	1964
19650029277	Turbomachinery in Space.	1964
19650029366	A Study of Launch-Vehicle Responses to Detailed Characteristics of the Wind Profile.	1964
19650030050	Contributions of the X-15 Program to Lifting Entry Technology.	1964
19650030286	Velocity Limitation of a Coaxial Plasma Gun.	1964
19650030287	Performance of Coaxial Plasma Gun with Various Propellants.	1964
19650030803	Stratosphere and Mesosphere Densities Measured with the X-15 Airplane.	1964
19650031020	Variations of Geomagnetic Activity with Lunar Phase.	1964
19650031825	Primordial organic chemistry and the origin of life.	1964
19650031997	Multivariable Linear Filter Theory Applied to Space Vehicle Guidance.	1964
19650032719	Comments on the Vanguard 3 Magnetic Field Data and Analysis.	1964
19650032887	Experience with the X-15 Airplane in Relation to Problems of Reentry Vehicles.	1964
19650033719	The Upper Atmosphere.	1964
19650033795	A Satellite System for Radio Astronomical Measurements at Low Frequencies.	1964
19650034790	Magnetic Fields near Twisted Wires.	1964
19650034937	Geographical Variations of Wind Loads on Vertically Rising Vehicles.	1964
19650035072	Electron Microscopy of Meteoritic and Artificially Shocked Graphite.	1964
19650035498	Carbohydrate Metabolism of Mice Exposed to Simulated Changes in Gravity.	1964
19650035694	Evidence for Repair of Ultra-Violet Damaged Deoxyribonucleic Acid in Cultured Mammalian Cells.	1964
19650035711	A Stabilized, Automated Camera for Airborne Eclipse Photography.	1964
19650035958	Impedance of RF Grids and Plasma Condensers.	1964
19650036089	Degradation of Polymeric Compositions in Vacuum to 10 Super Minus 9 Hg in Evaporation and Sliding Friction Experiments.	1964
19650037782	Portable Survey Spectrograph.	1964
19650038416	Author's Reply.	1964
19650038690	Low-Level Decameter Emissions from Jupiter.	1964
19650039240	The Iron, Magnesium, Calcium, and Nickel Distribution in the Murray Carbonaceous Chondrite.	1964
19650039241	Degeneration and Regeneration of Myelinated Fibers in the Cerebral and Cerebellar Cortex Following Damage from Ionizing Particle Radiation.	1964
19650039242	Distribution in Heliographic Longitude of Flares which Produce Energetic Solar Particles.	1964
19650039302	The Boundary of the Geomagnetic Field.	1964
19650039303	The Synthesis and Use of Some Insoluble Immunologically Specific Adsorbents	1964
19650039515	Electron probe microanalysis of some carbonate, sulfate and phosphate minerals in the orgueil meteorite.	1964
19650039518	Lack of Artificial Acclimatization to Heat in Physically Fit Subjects.	1964
19650039985	The Influence of Substrate Configuration and Temperature on the Epitaxial Growth of Germanium Films.	1964
19650039986	Oscillator Strengths for the N Sub 2 Second Positive and N Super plus Sub 2 First Negative Systems from Observations of Shock Layers About Hypersonic Projectiles.	1964
19650040067	Some Criteria of Living Systems Useful in the Search for Extraterrestrial Life.	1964
19650041175	Effects of Nuclear Structure on the Scattering on Polarized Protons.	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650042665	A High-Performance Miniature Biopotential Telemetry System.	1964
19650049200	Hyperfine Structure in the Microwave Spectrum of NH sub 2 D.	1964
19650050701	Delayed Radiation Effects in Abdomen-Irradiated Rats.	1964
19650050822	Detection of Interplanetary 3- to 12-MeV Electrons.	1964
19650054497	Effects of oxidants and ionizing conditions on seed germination at subatmospheric oxygen levels.	1964
19650056518	A Study of the Suppression of Combustion Oscillations with Mechanical Damping Devices, Tasks I and II Summary Report, 28 Jun. 1963 - 28 Jun. 1964	1964
19650056519	Uncoated SPO Propellant Development Monthly Status Report No. 12, 13 Feb. - 12 Mar. 1964	1964
19650056521	Satellites and Probes Program Progress Report, Aug. 1964	1964
19650056525	Nuclear magnetic resonant frequency tuning	1964
19650056526	Development and evaluation of coating and joining methods for refractory metal foils quarterly progress report no.1, 1 jul - 30 sep. 1964	1964
19650056527	Study of effect of high-intensity pulsed nuclear radiation on electronic parts and materials /scorre/ second quarterly progress report /report no. 6/, 1 may - 31 jul. 1964	1964
19650056528	Tropical service life of electronic parts and materials fourth quarterly progress report, 1 may - 31 jul. 1964	1964
19650056529	Negative-grid tubes for phased arrays fourth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650056530	02 cooler assembly, model x-20 summary report	1964
19650056531	The time required for high speed airstreams to disintegrate water drops	1964
19650056532	Rain erosion. part vi- an assessment of various materials and de-icing systems	1964
19650056534	Transportable 30-foot rigid foam antenna research and development second quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19650056536	Experimental evaluation of cryogenic gaseous hydrogen as a monopropellant	1964
19650056537	Discrepancy analysis of preflight equipment failures. medium space vehicles programs	1964
19650056538	Nonlinear dynamics of thin shell structures quarterly status report no. 3, 15 jul. - 14 oct. 1964	1964
19650056539	Development of an engineering prototype ion mass spectrometer for the mass analysis of the lunar atmosphere monthly letter report no. 1, 7-31 jul. 1964	1964
19650056540	Solar ultraviolet radiation quarterly status report no. 12, 15 aug. - 15 nov. 1964	1964
19650056541	Design, development and fabrication for a digital measurement and recording system, model 577t1 progress report no. 1, 1 jun. - 31 aug. 1964	1964
19650056542	Missions to the asteroids	1964
19650056543	An experimental investigation on modified eutectic alloys for high temperature service semiannual progress report no. 1, may 1 - nov. 1, 1964	1964
19650056545	The ornl space biology program annual report period ending 30 jun. 1964	1964
19650056546	Strain measurements in reinforced epoxy laminates for liquid hydrogen service	1964
19650056547	Saturn v control system studies final report 1 jul. 1963 - 28 feb. 1964	1964
19650056551	Dimensions of polymers. specific solvent effects- dilute solution properties of linear polystyrene in h-solvent media	1964
19650056552	The thermodynamic and conformational proper- ties of linear polystyrene in decalin	1964
19650056556	Noise measurements as a tool in electron device research sixth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650056557	Inviscid blunt leading effects on planar surface pressure distributions at mach number 10	1964
19650056558	An evaluation of radiation compensating thermocouple temperature sensors. instrumen- tation and techniques improvement	1964
19650056559	Machine language translation study fifth quarterly progress report, 1 may - 31 jul. 1964	1964
19650056560	Development of c-band ferrite duplexer third quarterly progress report, 1 may - 31 jul. 1964	1964
19650056564	Evaluation of a communication quality checking system final report	1964
19650056565	Ninth tri-annual progress report on asset 1 january - 30 april 1964	1964
19650056567	Type-life programs technical progress report, 1 mar. - 30 jun. 1964	1964
19650056568	Radar tag device final report, jul. 1962 - mar. 1964	1964
19650056569	Development of an efficient solid propellant /hp2/ with minimum metal additives quarterly progress report no. 2, 1 apr. - 30 jun. 1964	1964
19650056571	Investigation of orbital mechanics, space flight theory, and numerical analysis final summary report	1964
19650056572	An optimal guidance approximation theory	1964
19650056573	Experimental determination of system parameters for thin-walled cylinders fourth quarterly technical progress report, 1 jul. - 30 sep. 1964	1964
19650056574	Ion rocket engine development, supporting research, and flight test quarterly progress report no. 1, 14 oct. 1963 - 13 jan. 1964	1964
19650056576	Improved method of predicting core properties from jominy end-quench hardenability	1964
19650056577	Multivariate threat analysis- final experi- mental result	1964
19650056578	Background Material for the Study of the National Space Power Program /1964/. Volume III- Mechanical Papers	1964
19650056579	Chemical dynamic space power systems	1964
19650056580	Stirling engine	1964
19650056581	Bearings and seals	1964
19650056582	Turbomachinery for closed brayton-cycle space power systems	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650056583	Status and future of technology and devices - rankine machines	1964
19650056585	Category ii climatic laboratory evaluation of an f-4c aircraft	1964
19650056586	Field repair techniques for sealing oxidizer tank welds final report	1964
19650056589	Feasibility study of shielding techniques fourth quarterly progress report, 1 mar. - 27 aug. 1964	1964
19650056590	Turbomachinery for closed brayton-cycle space power systems engineering report	1964
19650056592	Investigation of warm fog properties and fog modification concepts quarterly progress report, 1 jul. - 1 oct. 1964	1964
19650056593	Pyrolyzed plastic composites technical documentary report, 1 feb. 1963 - 1 feb. 1964	1964
19650056600	Research and development of a high energy non- aqueous battery quarterly technical report, dec. 18, 1963 - mar. 18, 1964	1964
19650056607	A study of polymers containing silicon- nitrogen bonds progress report, sep. 4 - oct. 3, 1964	1964
19650056609	Masers and lasers - bibliography, 1963 supplement research bibliography no. 51	1964
19650056610	Manufacturing methods for silicon dendrite solar cells interim engineering progress report, 1 may - 31 jul. 1964	1964
19650056611	Program for the full-wave calculation of reflection coefficients in an ionosphere continuous in electron density and collision frequency interim report	1964
19650056615	On the reproducibility of the rf-values in thin-layer chromatography	1964
19650056617	Radio systems division quarterly progress report no. 12, apr. - jun. 1964	1964
19650056618	Experiments on the stress distribution in perforated tensile bars	1964
19650056619	Summary Report on an Investigation of Combustion Instability for Liquid Oxygen and Liquid and Cold Gas Hydrogen Propellants	1964
19650056620	F.m. far field acoustic monitoring stations final report, dec. 1963 - jul. 1964	1964
19650056621	Lunar charting program quarterly progress report no. 1, jul. - 30 sep. 1964	1964
19650056623	Introduction to the problem of the reticular formation	1964
19650056624	Magnetic field dependence of the microwave surface impedance of superconducting aluminum	1964
19650056625	<investigations of the properties, flux, and trajectories of meteors> quarterly status report no. 7, 1 aug. - 31 oct. 1964	1964
19650056626	Development of electron gun with non-inter- cepting grids fourth quarterly progress report, 15 mar. - 28 may 1964	1964
19650056628	Engineering study of multipurpose engine and fuel system for manned lunar bases. volume ii- concept selection interim report	1964
19650056629	Engineering study of multipurpose engine and fuel system for manned lunar bases. volume iii- appendices interim report	1964
19650056630	Development of procedures for shape rolling columbium alloys fifth interim technical progress report, 1 apr. - 30 jun. 1964	1964
19650056631	Engineering effort to obtain long time creep data on structural sheet materials progress report, dec. 1, 1963 - feb. 29, 1964	1964
19650056632	Energy transfer fluid studies technical documentary report, jan. 1962 - jul. 1963	1964
19650056633	Estimating cumulative probability from aggregated truncated data research contribution no. 56	1964
19650056634	Effects of extreme environments on the behavior of fluids and lubricants technical documentary report, jan. - dec. 1963	1964
19650056635	Accelerated life testing of guidance components technical documentary report, dec. 1963 - jul. 1964	1964
19650056637	An evaluation of solid state photovoltaic cells	1964
19650056638	Hydrothermal growth of large ruby single crystals interim engineering progress report, 1 apr. - 30 jun. 1964	1964
19650056639	Reduction in weld cracking of various aluminum alloys by means of alloying elements	1964
19650056640	Application of the electronic microprobe in investigations of the banded structure of cold-worked sintered aluminum <anwendung des rontgenmikroanalysators zur untersuchung des zeilengefuges von kaltverformtem sinteraluminium>	1964
19650056641	"blackout" as an expression of fluctuations in blood pressure in steep dives <uber 'schwarzsehen' als ausdruck von blutdruck- schwankungen bei sturzflugen>	1964
19650056642	Method of determining the deformation resistance of heat resistant materials, particularly hard metals, by crack-formation energy <uber das verfahren zur bestimmung des formanderungswiderstandes, hochwarmfester werkstoffe, insbesondere von hartmetallen, durch die rissbildungsarbeit>	1964
19650056643	The application of quaternions to the general equations of motion in flight mechanics <anwendung der quaternionen auf die allgemein en bewegungsgleichungen der flugmechanik>	1964
19650056644	Description of a soluble poison /boric acid/ control loop to be installed in the ispra-2 reactor	1964
19650056645	Investigation of the behavior of glass scintillators <untersuchung der verhaltens von glasszintillatoren>	1964
19650056646	Differential cross-sections for the interaction of neutral molecules. measurement of the small angle scattering <differentielle streuquerschnitte bei der wechselwirkung neutraler molekule messungen der kleinwinkel- streuung>	1964
19650056647	The densification rate during sintering <der verdichtungsablauf beim drucksintern>	1964
19650056648	Further effective cross-sections in collisions between neutrons <weitere wirkungsquerschnitte bei zusammenstossen zwischen neutralen atomen>	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650056649	Development of morphological structures in the polycarbonic acid ester /polycarbonate/ of 4,4'-dioxydiphenyl-2,2-propane <zur ausbildung morphologischer strukturen am polykohlensaureester des 4,4'-dioxydiphenyl- 2,2-propans /polycarbonat/<	1964
19650056650	Effect of a reflector on the ultrasound radiated by a periodically structured jet <influence d'un reflecteur sur les ultra-sons emis par un jet a structure periodique<	1964
19650056651	The mechanism of ionization of molecular chlorine on a platinum electrode <der mechanismus der ionisierung von molekulaem chlor an einer platinelektrode<	1964
19650056652	Small-angle scattering due to collisions between neutral atoms <die kleinwinkelstreuung bei stossen zwischen neutralen atomen<	1964
19650056653	Flow-field investigation of a 0.0667-scale model of the x-15 research vehicle at mach 4, 6, and 8	1964
19650056654	Analysis and application-feasibility study of vector computing technique technical documentary report, jul. - dec. 1963	1964
19650056655	The method for measurement of surface tensions on structural members by means of photoelastic film without using a model	1964
19650056656	High power beam-plasma amplifier sixth quarterly progress report, 15 mar. - 14 jun. 1964	1964
19650056658	Expandable space structure. semirigid or nonrigid structures for space application. volume ii- appendixes final technical documentary report, 1 nov. 1962 - 15 jun. 1964	1964
19650056661	Transonic Aerodynamic Characteristics of a Variable-wing-sweep Tactical Fighter Model, Phase 1	1964
19650056662	Transonic Aerodynamic Characteristics of a Variable-wing-sweep Tactical Fighter Model, Phase 2	1964
19650056665	Wide band correlation radar study first quarterly progress report, 1 mar. - 31 may 1964	1964
19650056668	High resolution pulse compression technique study final report	1964
19650056673	An investigation of the ultraviolet radiation from flames and rocket exhausts final report, 1 mar. 1963 - 20 apr. 1964	1964
19650056708	Superconducting bodybound gyro development of an experimental model technical documentary report, sep. 1, 1963 - mar. 1, 1964	1964
19650056711	Unique phototape sensor configurations quarterly progress report no. 1, may - aug. 1964	1964
19650056712	Amr test 150- optical data report	1964
19650056726	Classified supplement to the proceedings of the symposium, development and management of a computer-centered data base /june 10-11, 1963/	1964
19650056754	Classified progress report no. 37 /april - june 1964/	1964
19650056764	Operation dominic fish bowl series- vertical ionospheric sounding measurements project officers report	1964
19650056770	Design criteria for planetary spacecraft to be sterilized by heating first quarterly progress report, 30 jun. - 30 sep. 1964	1964
19650056772	Vibration analysis of the afftc vtol test stand	1964
19650056773	Study of high-power electrostatically focused klystrons third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19650056774	High-temperature adhesives and resins quarterly progress report, 15 apr. - 15 jul. 1964	1964
19650056775	Applied research on efficiency improvement in crossed-field traveling wave tubes quarterly report, 17 apr. - 17 jul. 1964	1964
19650056776	Applied research on efficiency improvement in crossed-field traveling wave tubes quarterly report, 17 jul. - 17 oct. 1964	1964
19650056777	C- and ku-band semiconductor tr devices fourth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650056778	Metal base transistor final report, 1 apr. - 30 jun. 1964	1964
19650056779	Vaporizing and endothermic fuels for advanced engine application quarterly progress report no. 5, jun. - aug. 1964	1964
19650056780	Optimum mechanical packaging of electronic equipment program first quarterly report, 1 may - 31 jul. 1964	1964
19650056781	Background material for the study of the national space power program /1964/. volume v- solar papers	1964
19650056782	Photovoltaic solar energy converters	1964
19650056783	Solar energy concentrators	1964
19650056784	Photovoltaics	1964
19650056785	Solar radiation	1964
19650056786	The plastic deformation of polycrystalline material <die plastische verformung von vielkristallen<	1964
19650056787	A quadropole high frequency mass spectrometer for vacuum technology applications <ein quadropol-hochfrequenz-massenspektrometer fur vakuuntechnische anwendungen<	1964
19650056788	Panel flutter in the transonic range <flottements de panneaux en transsonique<	1964
19650056789	Life in extraterrestrial environments quarterly status report, 15 aug. - 15 nov. 1964	1964
19650056790	Heat transfer studies of vapor condensing at high velocities in straight tubes interim progress report, 1 may - 31 oct. 1964	1964
19650056791	Jet noise and turbulence semi-annual progress report, 1 may - 1 nov. 1964	1964
19650056792	Measurement of smooth surface finishes	1964
19650056793	Design techniques for structure-cryogenic insulation integration	1964
19650056794	Superimposed alternating loads, their generation and effect upon the fatigue strength and stress formation of shafts with transverse holes	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650056795	Study of crossed-field reentrant beam electron devices /magnetron and amplatron/ twentieth quarterly progress report, 15 mar. - 14 jun. 1964	1964
19650056796	Data transmission investigation seventh quarterly progress report, 11 mar. - 10 jun. 1964	1964
19650056797	A study of centrifuge for biological research	1964
19650056798	Infrared optical measurements semiannual technical report, 1 jan. - 30 jun. 1964	1964
19650056799	Development and manufacture of protective clothing for use in hazardous environments first quarterly progress report, 30 jun. - 30 sep. 1964	1964
19650056800	Study of adhesion and cohesion in vacuum fourth quarterly report, 1 jul. - 1 oct. 1964	1964
19650056801	Extruding and drawing tantalum alloys to complex thin h section, phase i final report, 1 jul. 1963 - 30 jun. 1964	1964
19650056803	Sorption of hydrogen by glasses and ceramics sixth quarterly progress report, 1 may - 31 jul. 1964	1964
19650056804	Evaluation of molybdenum /tzm/ sheet quarterly progress report no. 1, 9 jun. - 9 sep. 1964	1964
19650056807	Behavior of various adsorbates on metal substrates quarterly progress report no. 1, 3 jun. - 31 aug. 1964	1964
19650056808	X-ray astronomy final report	1964
19650056809	Spectroscopy and solid state quantum electronics at optical and infrared wavelengths semiannual status report no. 4, 1 apr. - 30 sep. 1964	1964
19650056811	Theoretical research - electronic, ionic, and atomic impact phenomena status report, 16 jan. - 15 sep. 1964	1964
19650056812	Biochemical study of mixed culture prototype in a closed ecological system progress report no. 9, 1 jul. - 1 nov. 1964	1964
19650056813	Ecologic relationships between bacteria and algae in photosynthetic gas exchangers quarterly status report no. 5, 1 aug. - 31 oct. 1964	1964
19650056814	The development of techniques to measure the dynamic film thickness and film pressure in journal bearings lubricated with liquid potassium quarterly progress report, 15 nov. 1963 - 14 jan. 1964	1964
19650056815	Weapon system 133a- rocket motor m-57-a1, minuteman stage iii. quality assurance failure recovery program, firing number r-1 /5-10-2/ quick-look report	1964
19650056816	Weapon system 133a. rocket motor m-57-a1, minuteman stage iii. quality assurance failure recovery confirmation, firing number g-1 /motor 567/ quick-look report	1964
19650056817	Weapon system 133a- rocket motor m-57-a1, minuteman stage iii. quality assurance failure recovery program, firing number rr-2/5-10-10/ quick-look report	1964
19650056818	Weapon system 133a- rocket motor m-57-a1. minuteman stage iii. quality assurance failure recovery program, firing number r-3 /5-10-13/ quick-look report	1964
19650056819	Weapon system 133a- rocket motor m-57-a1, minuteman stage iii. quality assurance failure recovery program firing number c-3 /motor 5g4/ quick-look report	1964
19650056820	Weapon system 133a- rocket motor m-57-a1, minuteman stage iii. quality assurance failure recovery program, firing number r-5 /5-10-16/ quick-look report	1964
19650056821	Weapon system 133a- rocket motor m-57-a1, minuteman stage iii. quality assurance failure recovery program, firing number r-6 /5f3/ quick look report	1964
19650056822	Weapon system 133ai rocket motor m-57-a1, minuteman stage 111. quality assurance failure recovery program, firing number r-7 /5e9/ quick-look report	1964
19650056823	Weapon system 133a- m-57-a1 rocket motor, quality assurance failure analysis, motor firing number 5-10-5 /ground level test/ final report	1964
19650056826	The spectrographic determination of impurities in zirconium dioxide	1964
19650056827	Spreading resistance as a function of geometry and frequency	1964
19650056828	Large-area electronic display panel ninth quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650056829	Cryogenic insulation materials development topical report, 1 jan. - 11 sep. 1964	1964
19650056830	<orienting behavior of ambystoma in a zero- gravity field for the purpose of defining and verifying an experiment suitable for use in a biosatellite< final report	1964
19650056831	Research investigation of mechanical properties of selected high purity magnesium oxide quarterly progress report, 15 apr. - 15 jul. 1964	1964
19650056832	Oxidation-addition reactions of sn/ii/ compounds. partial dehalogenation of diphenyltin dichloride by lithium and zinc- evidence for the formation of chlorodiphenyl- tin. technical documentary report, apr. 1963 - jan. 1964	1964
19650056834	Lithium spray structural cooling final report, may 1962 - oct. 1964	1964
19650056835	Evolution of the low rate silver peroxide/zinc primary battery as basic power source for space flight technical documentary report, 1956 - nov. 1964	1964
19650056836	The design, fabrication and installation of a wire-grid lens for hf radio direction finding interim report no. 4	1964
19650056837	Large segmented, fiberglass reinforced, plastic rocket motor cases interim engineering progress report, 1 aug. - 31 oct. 1964	1964
19650056838	Toxic hazards of beryllium propellant operations - critique of current safety practices technical report, 1 apr. 1963 - 30 jun. 1964	1964
19650056839	Transistor design effects on radiation resistance final report, 15 jun. 1963 - 30 jun. 1964	1964
19650056840	Air drop test of the xm551 army full tracked vehicle from a c-130 aircraft	1964
19650056841	Experimental research on filamentized ceramic radome materials interim engineering progress report, 1 apr. - 30 jun. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650056842	Further calculations of heat-transfer-rate distributions around spheres	1964
19650056843	The relative production cross-sections for 3he and 21ne from mg, si, s, and fe in stone meteorites <die relativen produktionsquer- schnitte fur 3he und 21ne aus mg, si, s und fe in steinmeteoriten->	1964
19650056844	Qualitative and quantitative ballistographic investigations on a circulation model <qualitative und quantitative ballisto- graphische untersuchungenam modellkreislauf->	1964
19650056845	Scattering experiments on molecular beams and intermolecular forces <streuversuche an molekularstrahlen und zwischenmolekulare krafte->	1964
19650056846	Introduction to the tradex radar system technical report no. 357	1964
19650056847	Evaluation of pem "ruggedized microwave duplexing tubes"	1964
19650056848	Percussion primer systems semiannual progress report no. 1	1964
19650056849	Laser devices exploratory investigation interim engineering report, 1 aug. - 30 oct. 1964	1964
19650056850	Metals research institute, delft	1964
19650056851	Development and evaluation of large-scale rva and cfz graphite interim engineering progress report, may 1 - aug. 31, 1964	1964
19650056852	A program for hypersonic flight testing in the areas of structures, aerothermodynamics, and structural dynamics /asset/	1964
19650056853	Dynamics of two-phase flow in rocket nozzles final report	1964
19650056854	<studies and analyses of space science problems related to the planning and directing of nasa lunar and planetary programs-> first annual summary report no. a-1, dec. 1963 aug. 1964	1964
19650056855	Cryogenic research and development fifteenth progress report, period ending sep. 30, 1964	1964
19650056856	Hi-eye infrared reconnaissance technical report, mar. 1963 - oct. 1964	1964
19650056857	Development of semi-precision quartz frequency control units interim engineering progress report, 1 nov. 1963 - 30 jun. 1964	1964
19650056858	Manufacturing in-process control and measuring techniques for integral electronics /structural defects in single crystal semiconductors/ second interim engineering progress report, 1 jul. - 30 sep. 1964	1964
19650056860	On the significance of anomalous fireball sounds for observation of re-entry vehicles	1964
19650056872	Measurement of turbulent skin friction with the preston tube <zur messung der turbulenten wandreibung mit dem prestonrohr->	1964
19650056873	Measurement of skin shear stress under turbulent flow <messung der turbulenten wandschubspannung->	1964
19650056874	The effect of drugs on psychic performance and personality factors <die wirkung von pharmaka auf psychische leistungsfahigkeit und personlichkeitsfaktoren->	1964
19650056876	Evaluation of image and gyro stabilized binoculars, monoculars, and cameras for use in light aircraft	1964
19650056878	Weapon system 107a-2. product engineering program. expandable nozzles and ablative thrust chambers monthly progress report no. 1, 1-31 jul. 1964	1964
19650056879	High-current-density cathode-ray tube electron source first quarterly progress report, 1 apr. - 1 jul. 1964	1964
19650056881	Research study for increasing the sensitivity of photoemitters quarterly technical report, 1 apr. - 30 jun. 1964	1964
19650056882	Infab processing of tzm sheet ninth interim technical engineering report, 1 jun. - 1 sep. 1964	1964
19650056884	Stress cracking of plastics. an annotated and indexed bibliography quarterly report no. 1, part 2	1964
19650056887	Development of filter/separators	1964
19650056888	Laboratory and modeling studies of microwave and radar responses to simulated terrain quarterly status report, 1 jul. - 30 sep. 1964	1964
19650056889	Investigation of spacecraft rocket installa- tion areas. vehicle heating, volume ii final report, 1 may 1963 - 31 jul. 1964	1964
19650056890	<kramer's radiation, atomic line radiation studies, high temperature radiation tables-> ninth monthly progress report 1-30 sep. 1964	1964
19650056891	Heat treatment by molten glass interim engineering progress report, 1 jul. - 30 sep. 1964	1964
19650056892	Development of manufacturing methods for deposition forming quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650056893	A study of structural limitations on servo performance first quarterly progress report, 2 apr. - 30 jun. 1964	1964
19650056894	Insulation process development, january 1 - september 11, 1964	1964
19650056895	Models for the dynamics of microbial growth status report, 22 sep. 1963 - 22 sep. 1964	1964
19650056897	Insulation materials evaluation topical report, jun. - oct. 1964	1964
19650056898	Study of interplanetary transportation systems, phase iii summary report, apr. 1963 - jan. 1964	1964
19650056899	Development and delivery of a very low-noise traveling-wave tube amplifier fourth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650056900	Small signal semiconductor composites quarterly progress report, 1 jan. - 31 mar. 1964	1964
19650056901	Transient radiation effects on passive parts final report, 1 jun. 1963 - 31 may 1964	1964
19650056904	Investigation of magnetic gradients technical documentary report, 3 apr. 1963 - 1 jul. 1964	1964
19650056919	An/asm-13 antenna pattern measurements of the fps-7 radar, dauphin island, alabama final report	1964
19650056926	Design of infrared suppression devices for the uh-1b, uh-1d, and ch-47a helicopters final report	1964
19650056928	Study of orbital test requirements for guidance and control devices progress report no. 2, 15 sep. - 15 oct. 1964	1964
19650056929	Theoretical and experimental investigations of extremely dense plasmas at very high energy densities semiannual status report, 1 apr. - 1 oct. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650056930	Observations of the micrometeorology and intensity of turbulence within a deciduous forest	1964
19650056931	High temperature polamine resins technical progress report, 15 jun. - 15 sep. 1964	1964
19650056932	The thermal conductivity of liquid and gaseous ammonia, and its anomalous behavior in the vicinity of the critical point	1964
19650056933	High performance aircraft windshield development program interim engineering progress report no. ii, 1 aug. 1963 - 31 jul. 1964	1964
19650056934	Synthesis of high temperature polyaromatics progress report no. 4, nov. 1961 - dec. 1963	1964
19650056935	Communications and control for lesa mid-term report	1964
19650056936	A study of electrode effects in crossed field accelerators quarterly report no. 1, 1 jul. - 30 sep. 1964	1964
19650056938	Endurance testing of materials and butt welds <dauerfestigkeitsversuche mit werkstoff und stumpfnahtschweissverbindungen<	1964
19650056939	Investigation of the endurance of welded joints with st 37 <untersuchungen der dauerfestigkeit von schweissverbindungen mit st 37<	1964
19650056940	Recent endurance testing of welded joints with st 52 <neue dauerfestigkeitsversuche mit schweissverbindungen aus st 52<	1964
19650056943	Development of interstellar dust particles <zur entwicklung der interstellaren staubteilchen<	1964
19650056944	Current distribution in a superconductive sphere <uber die stromverteilung in einer supraleitenden kugel<	1964
19650056945	The mechanism of the electrolytic deposition and dissolution of solid metals. ii- galvanostatic processes on silver electrodes and the kinetics of crystal growth. <zum mechanismus der elektrolytischen abscheidung und auflösung fester metalle. ii- galvanostatische einschaltvorgänge an silberelektroden und die kinetik des kristallwachstums<	1964
19650056946	Determination of convection coefficients of a nak alloy in turbulent flow between plane parallel plates <determination des coefficients de convection d'un alliage nak en écoulement turbulent entre plaques planes paralleles<	1964
19650056947	Swimming performance, running performance, escape reactions, curiosity and appetite behavior of the rat under the effect of amphetamine <schwimmlistung, laufleistung, fluchtreaktionen, neugierde und appetitverhalten der ratte unter der wirkung von amphetamin<	1964
19650056948	The effect of training and amphetamine on the endurance and swimming speed of the rat <die wirkung von training und amphetamin auf ausdauer und geschwindigkeit der schwimmlistung der ratte<	1964
19650056949	The effect of pharmacological materials on various behavioral functions of the rat <die wirkung pharmakologischer stoffe auf verschiedene funktionen des verhaltens der ratte<	1964
19650056950	Swimming of rats through a water alley. Methodological and pharmacological effects on performance and fatigue <das schwimmen von ratten durch einen wasserkanal. methodische und pharmakologische einflüsse auf leistung und ermüdung<	1964
19650056951	The effect of different psychopharmacological compounds on the spontaneous alternation of rats <die wirkung verschiedener psycho- pharmaka auf die spontane alternation der ratte<	1964
19650056952	Relation between age and learning of conditioned avoidance response in white rats <beziehung zwischen alter und erlernen einer bedingten fluchtreaktion bei der weissen ratte<	1964
19650056953	Report on the meeting of the sub-committee for aerodynamic measurement technology	1964
19650056954	Strain-gauge balances for aerodynamic measurements	1964
19650056955	Strain-gauge balances for high-velocity tunnels	1964
19650056956	Wind tunnel balances with strain gauges	1964
19650056957	Multi-component installable balances for rotating models	1964
19650056958	Aerodynamic drag measurements using doppler radar	1964
19650056959	Force measurements in the hypersonic shock tube	1964
19650056960	Multi-component thrust measurement balances for jet engines and models of jet engines	1964
19650056961	Improvement of the mechanical wind tunnel balance at the institute for flight technology of the technical high school, darmstadt	1964
19650056962	A pneumatic thrust-measurement installation	1964
19650056963	Measurement of the aerodynamic coefficients of models with mass expulsion	1964
19650056964	Chemical strengthening of ceramic materials first quarterly report, 7 apr. - 7 jul. 1964	1964
19650056965	Sa-6 flight test data report	1964
19650056966	Operations analysis of advanced lunar transportation systems executive summary report	1964
19650056967	Centaur as a third stage of the saturn ib	1964
19650056968	Distribution of surface meteorological data for cape kennedy, florida	1964
19650056969	Heat treatment and mechanical properties of near-alpha titanium alloys	1964
19650056970	A fortran program to design an axially- symmetric de laval nozzle for a parallel and uniform flow	1964
19650056971	Beryllium toxicology and occupational diseases of chemical etiology in soviet bloc	1964
19650056972	Supersonic wind tunnel tests of a parachute test sled	1964
19650056973	Aerobee nasa 4.120 c6 meteorological data report, 1 oct. 1964	1964
19650056974	Meteoroid penetration distributed transducer progress report, apr. 1964	1964
19650056975	Development of techniques and hardware for insulation wrappings of cryogenic containers final report	1964
19650056976	An experimental and theoretical investigation of turbulence instabilities at plasma-magnetic field interfaces semi-annual report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650056977	Influence of metabolic accumulation of products of hydrogenomonas cells on their continued growth progress report no. 1, jul. 1 - oct. 31 1964	1964
19650056978	Fundamental investigation of losses of skeletal mineral in young adult human males and collaterally in young adult male pigtail monkeys /macacus nemestrina/ through immobili- zation for varying periods of time, coupled with a study of methods of preventing or reducing mineral loss second semiannual report, 1 oct. 1963 - 31 mar. 1964	1964
19650056979	Fundamental investigation of losses of skeletal mineral in young adult human males and collaterally in young adult male pigtail monkeys /macacus nemestrina/ through immobili- zation for varying periods of time, coupled with a study of methods of preventing or reducing mineral loss third semiannual report, 1 apr. - 30 sep. 1964	1964
19650057015	Weapon system 133b- phase i reverse thrust subsystem studies, volume ii final report	1964
19650057016	Background material for the study of the national space power program /1964/, volume i- electrochemical papers	1964
19650057017	Investigation of microwave duplexer switching mechanisms fifth quarterly progress report, 1 jan. - 31 mar. 1964	1964
19650057018	Transpiration air cooled turbine blade research final report	1964
19650057019	An/fps-16 radar 112 trajectory data for nasa aerobee 4.126 gg final data report no. 17701	1964
19650057020	Meteoroid-bumper interaction fourth monthly progress report, sep. 15 - oct. 15, 1964	1964
19650057021	<cellular and sub-cellular effects of gravity and ultraviolet radiation on human cells< semi-annual status report, 1 apr. - 30 sep. 1964	1964
19650057023	<study of adaptive and non-linear control systems and theory, applying the direct method of lyapunov< semi-annual progress report, period ending 30 sep. 1964	1964
19650057024	<studies of auditory information processing emphasizing the application of signal detect- ability theory to the auditory sensory responses< quarterly progress report no. 1, 1 jun. - 31 aug. 1964	1964
19650057027	Meteoroid-bumper interaction investigation first quarterly progress report, 15 jun. - 15 sep. 1964	1964
19650057058	<student training in electrophysiological techniques< progress report, jun. 15, 1963 - sep. 30, 1964	1964
19650057059	<space telecommunications antenna directivity measurements, radio scattering from thunderstorm cells and aircraft, and interference-free ratios< quarterly progress report, jul. 1 - sep. 30, 1964	1964
19650057060	Study of guidance and control systems, phase ii technical report, 20 nov. 1963 - 30 jul. 1964	1964
19650057061	Study of Dynamic and Static Seals for Liquid Rocket Engines Final Report, Apr. 1 - Oct. 1, 1964	1964
19650057064	Special arod system studies fourth quarterly report	1964
19650057065	Research on techniques and procedures for the cultivation of hydrogen-fixing bacteria sixth quarterly status report, 1 jul. - 30 sep. 1964	1964
19650057067	Solid-state raster scanning for display interim engineering report, feb. 1 - may 31 1964	1964
19650057068	[No Title]	1964
19650057069	Hot working evaluation of refractory and reactive metals fifth interim report, 1 jul. - 30 sep. 1964	1964
19650057070	Investigation of high emission density cathode interim engineering progress report, 23 jul. - 22 oct. 1964	1964
19650057071	Process improvement of columbium /cb-752/ alloy third interim engineering progress report, 1 apr. - 30 aug. 1964	1964
19650057077	Fluorescence pumping of lasers- experiments with coaxial xenon flash tube technical progress report no. 376	1964
19650057078	O-1e rocket launchers	1964
19650057079	Operational meteorological support to u.s. army research, development, test and evaluation activities during fiscal year 1964 ninth annual report, 1 jul. 1963 - 30 jun. 1964	1964
19650057080	Research on millimeter ferromagnetic type parametric amplifier tenth quarterly progress report, 1 may - 31 jul. 1964	1964
19650057081	Photoluminescence in gallium phosphide crystals technical report no. 5064-3	1964
19650057083	Development of techniques for insulation wrappings of cryogenic containers fourth quarterly progress report, may - jul. 1964	1964
19650057084	Study of communications systems, and detection and tracking systems. design and fabrication of dynamic crossed-field electron multiplying light demodulator periodic progress report no. 1, 20 mar. - 20 jun. 1964	1964
19650057088	A study of systems for space propulsion quarterly progress report no. 14, 1 may - 31 jul. 1964	1964
19650057089	Category ii performance tests of the yuh-1d with a 48-foot rotor	1964
19650057090	Evaluation of a uh-1d /48-foot rotor/ with helicopter-armament subsystem xm3 /2.75- inch rocket/	1964
19650057091	Tests of the t-33 aircraft engaging the ma-1a runway overrun barrier	1964
19650057092	Miniaturized fm/fm bioinstrumentation systems	1964
19650057094	Exploration and evaluation of new glasses in fiber form bimonthly progress report no. 5, 1 sep. - 31 oct. 1964	1964
19650057095	Development and qualification of delay elements, propellant actuated device, xm48, xm49, and xm50 technical documentary report, dec. 1959 - feb. 1964	1964
19650057096	Incident and reflected blast pressures for pentolite	1964
19650057097	Some aerodynamic effects of blunting a projectile nose	1964
19650057098	Rolling improved beryllium sheet final report, 5 jul. 1961 - 15 apr. 1964	1964
19650057100	Photon effects in semiconductors final technical report, 15 sep. 1963 - 15 sep. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057101	Development and fabrication precision, broad- band, miniature glass dielectric tuning capacitor final report, 1 jun. 1962 - 30 may 1964	1964
19650057102	Development of radio frequency interference filters for 200 deg. c environment /electronic material and special techniques/ final report, 1 dec. 1958 - 31 jan. 1962	1964
19650057103	Research on etch pit formation in iron whiskers technical documentary report, 1 may 1963 - 30 apr. 1964	1964
19650057104	A study of liquid metal, nak-77, for application in flight control systems. volume 111- investigation of system applications and components final report, 1 apr. 1962 - 31 mar. 1964	1964
19650057105	Photoelectric yields of various cathodes quarterly report no. 1, 9 jun. - 9 sep. 1964	1964
19650057106	Research on surveillance radar receivers and transponders ninth quarterly progress report, 1 may - 31 jul. 1964	1964
19650057107	Noise studies of stirling cycle engine	1964
19650057110	Nuclear flight executive program. phase iv report- nuclear vehicle flight safety study	1964
19650057111	Investigation of long term exposure effects under stress on supersonic transport structural alloys fourth monthly progress report, 1-31 oct. 1964	1964
19650057112	Investigation of the stress-corrosion cracking of high-strength aluminum alloys sixth quarterly report, aug. 1 - oct. 31, 1964	1964
19650057113	Theoretical and experimental study of the combined hall-magneto resistance effect final report	1964
19650057114	Development of gallium arsenide epitaxial film growth manufacturing techniques final technical report, sep. 1962 - nov. 1963	1964
19650057115	A method of evaluating blast parameters resulting from detonation of rocket propel- lants	1964
19650057116	Development of an alignment and measuring system for large aerospace vehicles, phase ii final report, 16 dec. 1963 - 30 jun. 1964	1964
19650057117	Process development for stranding and plying of metallic yarns final report 1 jul. 1963 - 30 sep. 1964	1964
19650057118	Joining of refractory metal foils final report, jul. 1963 - aug. 1964	1964
19650057119	Minutes aluminum welding symposium, july 7,8, 9, 1964 at george c. marshall space flight center	1964
19650057120	Far infrared spectra of silicate minerals quarterly status report no. 2	1964
19650057121	Study of vortex boundary layer interactions first quarterly status report, period ending 26 sep. 1964	1964
19650057122	Zodiacal light project	1964
19650057123	Analysis of Electron - Ion Mixing in Ion Engines	1964
19650057124	Kinetics of chemical reactions in gases at high temperatures by gas dynamic techniques semiannual status report, 1 may - 31 oct. 1964	1964
19650057126	Intrinsic infrared detector research interim engineering report	1964
19650057127	Investigation of the effect of catalysis as a means of increasing the efficiency of certain propellant systems quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650057136	Development of the inert-diluent concept for the manufacture of double-base and composite-modified double-base propellants. volume ii- single-and double-base propellant processing	1964
19650057138	Research on high energy rocket oxidizers first technical progress report, jun. 15 - sep. 14, 1964	1964
19650057139	Stabilization of concentrated hydrogen peroxide as a storable oxidizer for advanced high-energy propellant systems quarterly progress report, may - jul. 1964	1964
19650057140	Remarks on navy support aircraft requirements	1964
19650057141	Solid state filters delay lines and transformers quarterly report, 1 jun. - 31 aug. 1964	1964
19650057142	Non-aqueous silver-halide rapid access photography quarterly report, 1 apr. - 30 jun. 1964	1964
19650057143	Inorganic dielectrics research progress report, 1 may - 31 jul. 1964	1964
19650057144	On finding roots of polynomials by hook or by crook interim technical report no. 3	1964
19650057145	Design and construction of spirt /short path infrared/ instrumentation second bimonthly progress report	1964
19650057146	Applied research on coupling schemes for plasma amplifiers interim engineering report, 1 jan. - 31 mar. 1964	1964
19650057147	4.3 millimeter wavelength precision antennas and mount	1964
19650057148	Environmental test of the cwu-12/p aircrew anti-exposure suit final report	1964
19650057149	Electromagnetic pulse special bibliography no. 1	1964
19650057150	Development of the dry tape battery concept quarterly report no. 3, 1 aug. - 31 oct. 1964	1964
19650057151	Development of specifications, apparatus for detecting and measuring oxygen contaminants	1964
19650057152	The effect of launch conditions on the performance of track launched orbital vehicles	1964
19650057153	Electron tube research sixth quarterly progress report, 1 mar. - 31 may 1964	1964
19650057154	Crystal chemistry studies quarterly progress report, 1 may - 31 jul. 1964	1964
19650057155	Applicability of inertialess scanning techniques to the design of surveillance radar antennas first quarterly report, 1 may - 31 jul. 1964	1964
19650057156	Development of anodizing of aluminum and its alloys	1964
19650057157	High energy rate densification and forming of metal powders interim progress report /phase iii/, 1 feb. - 1 sep. 1964	1964
19650057158	Low-cycle fatigue of nonferrous alloys for heat exchangers and salt water piping	1964
19650057159	Ionospheric research third quarterly progress report, 12 mar. - 11 jun. 1964	1964
19650057160	Research and development of a camera tube for night viewing fourth quarterly progress report, 1 apr. - 30 jun. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057161	Diffusion bonded titanium alloy honeycomb panels interim engineering progress report, 13 jul. - 31 oct. 1964	1964
19650057162	Applied research on field emission cathodes final report, 15 jun. 1963 - 15 jun. 1964	1964
19650057164	Optical wave semiactive guidance monopulse approach	1964
19650057167	Research in chemistry quarterly progress report, apr. - jun. 1964	1964
19650057169	Shaped charge design requirements related to lethality effects in a crosswind	1964
19650057170	Safety and damage control aspects of proposed mixed hydrazine fuel/chlorine trifluoride propellant combinations for prepackaged liquid propellant engines	1964
19650057178	Research leading to the development of a fast activating, high energy thermal battery fourth quarterly progress report, 15 mar.- 14 jun. 1964	1964
19650057184	Photothermoviscoelasticity research semiannual status report no. 3, 1 apr. - 1 oct. 1964	1964
19650057185	Reliability estimate and analysis report for pogo vehicles 6801-6802	1964
19650057186	Nonlinear aspects of combustion instability in liquid propellant rocket motors quarterly status report, 1 sep. - 30 nov. 1964	1964
19650057187	Continuation of research leading to the development of a plasma-suppression technique for re-entry flight quarterly status report, period ending 31 aug. 1964	1964
19650057188	Analysis of an arc-jet exhaust quarterly progress report, 1 feb. - 30 apr. 1964	1964
19650057190	Semi-rigid or non-rigid structures for re-entry applications sixth interim engineering progress report, 15 jun. - 15 sep. 1964	1964
19650057192	Investigation of the fracture toughness of thick plate metallic materials, phase i	1964
19650057193	40 kva variable speed constant frequency electric generating system interim report, 10 jun. - 10 aug. 1964	1964
19650057194	The institute for the study of metals, seventy-third quarterly report	1964
19650057195	On the stability of motion of artificial moon satellites <k voprosu ob ustoichivosti dvizheniya iskusstvennykh sputnikov luny<	1964
19650057196	Preliminary cape kennedy atmospheric data for nuclear or toxic particles dispersive studies, august 1962 - july 1963	1964
19650057197	A method for the determination of control law effect on vehicle bending moment	1964
19650057198	Electrical power system for x-20a /dyna-soar/ vehicle technical documentary report, 1960 - dec. 1963	1964
19650057199	Cybernetic concepts of the world, man, and thought	1964
19650057200	Development of improved processes for filament-wound reinforced-plastic structures interim technical documentary progress report, 1 aug. - 31 oct. 1964	1964
19650057201	Crystal chemistry studies quarterly progress report, 1 feb. - 30 apr. 1964	1964
19650057202	Influence of oxygen activity on the valence state of iron and cobalt in glass	1964
19650057203	Radiative interconnections of solid state circuit arrays final report, 1 jul. 1963 - 30 jun. 1964	1964
19650057204	Research on rheologic and thermodynamic properties of solid and slush hydrogen quarterly report, 16 jun. - 15 sep. 1964	1964
19650057205	Microbonds for hybrid microcircuits second quarterly report, 1 may - 31 jul. 1964	1964
19650057207	Vehicle s/n 20104/20010/20108 delta program- mission no. 25. spacecraft- syncom c flight report	1964
19650057208	Development of a space navigational celestial body tracker summary report, 8 jul. 1963 - 17 sep. 1964	1964
19650057209	Investigation of psychrophilic lipid metabolism first quarterly progress report, 26 jun. - 26 sep. 1964	1964
19650057210	Investigation of heat transfer in nonequilibrium reacting systems first quarterly progress report, 14 jul. - 14 oct. 1964	1964
19650057211	Design and development of a thermo-ionic electric thruster interim report	1964
19650057212	Nuclear vehicle flight safety study, phase iii. nuclear flight executive program	1964
19650057213	Experimental determination of transport properties of high temperature gases seventh quarterly progress report	1964
19650057214	<numerical analysis of daily and twelve hour variation in cosmic ray nucleon monitor counting rates since igy< progress report, 1 apr. - 30 sep. 1964	1964
19650057215	Maintenance plan rocket engine model f-1	1964
19650057216	Plane strain fracture toughness of 5a1-2.5sn titanium el. and 2219-t87 aluminum at cryogenic temperatures progress report, jul. 1964	1964
19650057217	1,2-siloxacycloalkanes. first communication- synthesis and polymerization behavior	1964
19650057218	Millimeter generation and nonlinear propagation in ferromagnetics, 1 april - 30 june 1964	1964
19650057219	The development of thermally stable air dry coatings quarterly report, jun. 10 - sep. 10, 1964	1964
19650057220	Research studies of high-density plasmas eleventh quarterly progress report, 15 mar. - 15 jun. 1964	1964
19650057221	Materials and Processes for X-20 (Dyna-Soar). Technical Documentary Report, May 1960 - Dec. 1963	1964
19650057222	Liquid hydrogen servicing system test plan, model x-20a reinstatement	1964
19650057223	Assembly and test of cryogenic hydrogen tank, model x-20a summary report	1964
19650057226	Total hemispherical emissivity of oxidized heat resistant alloys	1964
19650057228	Very-low-frequency antenna research program. part i- antenna measurement	1964
19650057229	Very-low-frequency antenna research program. part ii- superdirective antennas	1964
19650057230	Very-low-frequency antenna research program. part iii- six-loop array	1964
19650057232	Development of thermal protection system for a cryogenic spacecraft module first quarterly progress report, 30 jun. - 30 sep. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057233	<kramers' radiation, atomic line radiation, and high temperature radiation tables< eleventh monthly progress report, 1 - 31 oct. 1964	1964
19650057234	Cryogenic stage spacecraft study	1964
19650057236	Interaction of high-energy gas molecules with solid surfaces first status report, 10 jul. - 9 oct. 1964	1964
19650057237	The general and comparative biology of terrestrial organisms under experimental stress conditions semiannual report	1964
19650057249	Analysis of an optimum thrust modulated propulsion system for use in a space maneuvering vehicle. volume i-propulsion system analysis final report, part i, feb. - jun. 1964	1964
19650057250	Analysis of an optimum thrust modulated propulsion system for use in a space maneuvering vehicle. volume ii-mission analysis final report, part i, feb. - jun. 1964	1964
19650057251	Maneuvering satellite propulsion system demonstration final report, part ii, may 1962 - jun. 1964	1964
19650057253	Relative merit of experimental and analytical aerodynamic influence coefficients for predicting the flutter conditions of generally deforming wings summary report, jun. 1960 - feb. 1963	1964
19650057255	Manned mars landing and return mission, volume ii /technical/	1964
19650057256	<solid propellant ignition, combustion stability, and efficiency at low pressures< semiannual status report, 1 apr. - 30 sep. 1964	1964
19650057258	Lem truck guidance and navigation study quarterly status report, 14 aug. - 30 nov. 1964	1964
19650057259	<electroluminescent surface temperature measurements< monthly progress report no. 18	1964
19650057260	Studies in the field of turbulent boundary layer noise research first quarter progress report, 14 jun. - 14 aug. 1964	1964
19650057261	Studies in the field of turbulent boundary layer noise research progress report no. 2, 14 jun. - 14 jul. 1964	1964
19650057262	Studies in the field of turbulent boundary layer noise research progress report no. 4, 15 aug. - 14 sep. 1964	1964
19650057263	Studies in the field of turbulent boundary layer noise research progress report no. 5, 15 sep. - 14 oct. 1964	1964
19650057264	Study of reignitable solid propellant grains leading to extinguishable and restartable solid propellant rocket motors seventh quarterly progress report, 22 jul. - 22 oct. 1964	1964
19650057265	Study of microwave and visible lightwave transmission through solid propellant exhaust gases first monthly progress report, period ending aug. 31, 1962	1964
19650057266	Model x-22a- demonstration and planning progress report	1964
19650057267	Large area semiconductor surface passivation production refinement program interim engineering progress report no. 5, 1 jul. - 30 sep. 1964	1964
19650057268	Development of economic quantity/quality manufacturing methods for a tunable x-band coaxial magnetron interim engineering progress report, 1 jul. - 1 oct. 1964	1964
19650057269	Identification of antioxidants in polyethylene	1964
19650057270	Bonding cellulose esters to elastomers progress report, first quarter 1964	1964
19650057271	Broadband, low-loss transmission line system, suitable for installation within a retractable submarine mast final report, 1 jul. 1962 - 31 jun. 1964	1964
19650057272	Investigative study relating to fuel cells progress report, 1 jan. - 30 jun. 1964	1964
19650057273	Ksk antenna study third monthly progress report	1964
19650057274	Ksk antenna study first monthly progress report	1964
19650057275	Ksk antenna study second monthly progress report	1964
19650057276	Ksk antenna study fifth monthly progress report	1964
19650057277	Ksk antenna study fourth monthly progress report	1964
19650057278	Development of improved single crystal gallium phosphide solar cells quarterly report no. 1, 15 aug. - 15 nov. 1964	1964
19650057279	Development of a 2 kw x-band crossed-field amplifier fourth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650057280	Research on rheologic and thermodynamic properties of solid and slush hydrogen twelve-months' report, 15 jun. 1963 - 15 jun. 1964	1964
19650057281	High power remote tuning techniques first quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650057282	Thermal radiation bibliography	1964
19650057284	High current tunnel diodes for inverter circuits interim technical documentary report no. 3, jun. 16 - sep. 15, 1964	1964
19650057285	Air assault division organizational model	1964
19650057287	Calibration activities and needs of the national aeronautics and space administration	1964
19650057288	Components failure physics analysis document	1964
19650057289	State-of-the-art of solid rocket engine acoustic & vibration prediction	1964
19650057290	Theoretical study of atomic and molecular gases and their reactions in the upper atmosphere summary report, 1 may - 30 oct. 1964	1964
19650057291	Heat transfer to a gas containing a cloud of particles semiannual status report no. 5, period ending 30 nov. 1964	1964
19650057292	<status of shock wave shape, pressure gauge development, spectrometer fabrication, and electromagnetic shock tube combination studies< status report, 1 may - 1 nov. 1964	1964
19650057293	Electrode surface physics research quarterly progress report no. 2, 28 may - 27 aug. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057294	Investigation of a replacement source for the alphasatron measuring system final report	1964
19650057295	Weld technique improvement program	1964
19650057296	Development of thermal protection system for a cryogenic spacecraft module monthly progress report no. 4, sep. 30 - oct. 31, 1964	1964
19650057297	Mechanical properties of crosslinked poly /methyl methacrylate/ polymers under space environmental conditions quarterly technical summary report no. 4, jun. 1 - aug. 31, 1964	1964
19650057298	Fundamental study of adaptive control systems. continuation of asp description	1964
19650057299	Sa-7 flight test data report	1964
19650057300	The effect of location and size of propellant tanks on the stability of space vehicles considering sloshing in two or three tanks	1964
19650057301	Effect of carbon and titanium additions on the electrical conductivity of silicon nitride <vpliv dobavok vugletsyu i titany na elektroprovodnist' nitridu kremniyu>	1964
19650057302	Titanium tankage program. phase ii- titanium tankage development final report, 1 jun. 1962 - 15 sep. 1964	1964
19650057303	Proceedings, symposium on parachute technology and evaluation, volume ii	1964
19650057304	Unique flexible fibrous materials for decelerators	1964
19650057305	Analysis of an integrated spacecraft escape system	1964
19650057306	Unmanned water-to-air recovery system	1964
19650057307	The effect of space environment on textile materials	1964
19650057308	Experimental studies of the influence of soil properties on the landing characteristics of a manned spacecraft	1964
19650057309	Attenuation of deployment and opening forces of certain aerodynamic decelerators	1964
19650057310	Recovery dynamics for apollo	1964
19650057311	Development of the parasail parachute as a landing system for manned spacecraft	1964
19650057312	Application of ballistics to precisely control the opening of parachutes	1964
19650057313	Attenuation of landing impact for manned spacecraft	1964
19650057314	Controlled landing with steerable parachutes	1964
19650057315	Forcible deployment and development of large recovery parachutes for low altitude airdrop of heavy equipment	1964
19650057316	Flat-spin recovery system	1964
19650057317	Proceedings, symposium on parachute technology and evaluation, volume i	1964
19650057318	Expandable drag devices for mach 10 flight regime	1964
19650057319	The precision drop glider /pdg/	1964
19650057320	The paravulcoon recovery system	1964
19650057321	Rotary wing decelerators	1964
19650057322	The paracone - a replacement for the parachute/ques/	1964
19650057323	Design, development and testing of a ram-air inflated flotation device	1964
19650057324	R.c.d. - an automatic touchdown system for the complete elimination of landing impacts	1964
19650057325	A parachute retrorocket hybrid system for low altitude airdrop of personnel carriers and cargo	1964
19650057326	The usaf research program for the validation of parachute performance prediction approaches	1964
19650057328	Novel canopy designs and utilization	1964
19650057329	Parachute test work at the royal aircraft establishment	1964
19650057330	Standardized drawings for parachutes and air delivery equipment	1964
19650057331	The drag of plates, cones and spheres in the wake of forebodies and the drag of two-body system	1964
19650057332	Design and testing of a sled, sled extraction system and sled recovery system used with the gemini full-scale boilerplate test vehicle	1964
19650057333	Observations of parachute characteristics at altitudes above 100,000 feet by means of in- flight photography	1964
19650057334	The use of a supersonic wind tunnel as a means of investigating decelerator configuration	1964
19650057335	Data acquisition and analysis requirements for large recovery systems	1964
19650057336	The cree vehicle /a free-flight aerodynamic decelerator testing system/	1964
19650057337	Parachute modifications for low-speed, low- altitude escape system development for lockheed f-104 flight test pilots	1964
19650057338	Application of computer analysis to escapac ejection seats	1964
19650057339	The effect on the opening characteristics of paratrooping parachutes of wetting by rainfall or, by immersion in fresh water	1964
19650057340	Usaf ejection experience, 1 january 1961 - 31 december 1963	1964
19650057341	Data on the reliability of parachutes used in emergency bailouts and ejections and reliability of aircraft deceleration	1964
19650057342	Development of a recovery system for an ejectable nose escape capsule	1964
19650057343	A new emergency escape system for aircraft	1964
19650057367	Weight analysis report, model x-20, volume 4	1964
19650057372	The Lunar Environment - Implications for Apollo Crew Operations	1964
19650057373	Development of a 1,500,000-lb-thrust /nominal Vacuum/ Liquid Hydrogen/liquid Oxygen Engine Monthly Technical Progress Report, 1-31 Jul. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057376	Computation of plug-nozzle contours by the rao optimum thrust method	1964
19650057378	Ten Passenger Reusable Orbital Carrier, Phase II Final Report	1964
19650057380	Multifunctional, Auxiliary Propulsion Module Study Program Monthly Progress Report, Jul. 1964	1964
19650057381	Project Squirt- X259 Start-Stop-Restart System Progress Report, 1-30 Nov. 1963	1964
19650057385	Feasibility study for high power crossed-field amplifiers fourth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650057396	Handbook of specific heat, viscosity, and thermal conductivity for ddp/80/ and ejc/90/ propellant gas in the rocket chamber, throat and exit	1964
19650057397	A national program for entry technology research	1964
19650057407	Feasibility study of a cabin-air-circulation temperature control system for manned spacecraft	1964
19650057408	Feasibility study of a cabin-air-circulation temperature control system for manned spacecraft, volume 1	1964
19650057409	Feasibility study of a cabin-air-circulation temperature control system for manned spacecraft, volume ii	1964
19650057410	Description of pitch-roll support rig installation designed for sting mounted models in the r.a.e., 4ft. x 3ft. low-turbulence tunnel	1964
19650057411	Definitions of thermal strain, mechanical strain, total strain etc.	1964
19650057412	Development and flight testing of a lithium chloride ice concentration meter	1964
19650057413	Intrinsic reliability, subminiature ceramic capacitors quarterly report, 1 jun. - 31 aug. 1964	1964
19650057414	Fabrication of carbide coated taps by electrophoretic deposition final report, 1 feb. 1963 - 31 aug. 1964	1964
19650057415	Evaluation of coated refractory metal foils final report, 1 jul. 1963 - 30 jun. 1964	1964
19650057416	Electromagnetic theory of wire-grid lens antenna final report, 30 apr. 1963 - 31 aug. 1964	1964
19650057417	Determination of semi-conductor device figure of merit final report, 1 jul. 1963 - 1 jul. 1964	1964
19650057418	Research and development to design, fabricate, and evaluate single pole double-throw dry- reed capsules and relays using these capsules second quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650057419	Development of signal generator an/urm-123 fourth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650057422	Plug Cluster Nozzle Study Final Report	1964
19650057425	Nimbus Agena Vehicle 6201 Flight Evaluation and Performance Analysis Report	1964
19650057427	On the subjective assessment of sonic booms	1964
19650057429	The velocity and voltage of magnetically- deflected arcs when controlled by column processes	1964
19650057430	Forced convection in the steady flow of a viscous fluid past a heated circular cylinder	1964
19650057431	Forced convection from heated spheres	1964
19650057432	Design of joints for uniform mean stresses	1964
19650057434	Development of a pressure and force transducer calibration procedure for the hypersonic shock tunnel monthly progress report, 1-30 jun. 1964	1964
19650057435	Consolidated instrumentation plan for saturn/ apollo, sa-7. part iia of the firing test report	1964
19650057438	A Lifting Re-Entry, Horizontal-Landing Type Logistics Spacecraft Final Oral Report	1964
19650057439	Flight Evaluation and Performance Analysis Report for EOGO-I (45-Day Report)	1964
19650057441	The steady flow of a viscous fluid past a flat plate	1964
19650057443	The steady motion of a viscous fluid past a sphere	1964
19650057444	Potential flow through cascades extensions to an exact theory	1964
19650057445	Supersonic wind tunnel measurements of the loads and internal pressure distributions on ducts at incidence	1964
19650057446	The landing flare of a slender-winged supersonic transport aircraft	1964
19650057447	Spectrum-line-reversal temperature measurements through unsteady rarefaction waves in vibrationally-relaxing oxygen	1964
19650057449	Boundary layer effects on caret wings	1964
19650057450	Some exact calculations of the lift and drag produced by a wedge in supersonic flow, either directly or by interference	1964
19650057451	Slip band extrusion in fatigued close packed hexagonal metals	1964
19650057452	Mechanical and thermal properties of an aromatic polyamide yarn /ht-1 or nomex/	1964
19650057453	The use of organic peroxides in rubber vulcanisation	1964
19650057454	Low friction materials for unlubricated plain bearings in ultra high vacuum	1964
19650057455	Work hardening of copper crystals by cyclic straining	1964
19650057456	The thermal accommodation of helium and argon on tungsten and platinum at elevated temperatures	1964
19650057458	Precise levelling of kinetheodolites- errors due to flexure of the azimuth bearing ring	1964
19650057460	A table of logarithms to base two	1964
19650057461	Calculation of the unsteady one-dimensional gas flow in the interior of a rocket after ignition	1964
19650057463	The testing of supersonic transport structures in fatigue	1964
19650057476	Lc-39, l-ut ground support equipment installations	1964
19650057478	Acoustic and vibration environments and test specification levels ground support equipment launch complex 39	1964
19650057479	Flight evaluation support studies- flight control sensor analysis, volume i final report	1964
19650057481	An approximate method for the determination of take-off performance of configurations utilizing thrust line deflection	1964
19650057482	Development of a technique for determination of component shock specifications quarterly report no. 2, 20 nov. 1963 - 19 feb. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057483	Investigations relative to wind-induced oscillations of the saturn boosters in the vertical launch position, 1 june 1963 - 30 june 1964. part iii- predictions relative to wind-induced oscillations of the saturn vehicles	1964
19650057484	Investigations relative to wind-induced oscillations of the saturn boosters in the vertical launch position, 1 june 1963 - 30 june 1964. part i- development of methods for predicting the wind-induced oscillations of vehicles in the vertical launch position	1964
19650057485	Timing and countdown distribution interface between- /1/nasa/ksc, /2/nasa/msc-ace s/c. ksc interface control document	1964
19650057486	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulator quarterly progress report, mar. 18 - jun. 17, 1964	1964
19650057487	Progress on spacecraft cost estimation studies	1964
19650057488	The laser microprobe	1964
19650057489	Degradation of polycarbonate <o destrukcii polykarbonatu<	1964
19650057490	Preliminary lunar roving vehicle steering and stability considerations	1964
19650057491	Operation of radiometers on the carde hypersonic ranges. part ii- analysis of data reduction methods	1964
19650057492	Integration and optimization of space vehicle environmental control systems. part iv- optimization of closed loop arrangements of heat transfer, mass transfer and chemical processes report no. 4, apr. 1963 - apr. 1964	1964
19650057493	Analysis of transient performance of atmospheric control systems during a manned space flight mission - a computer program	1964
19650057494	A fundamental study of factors governing yield in metals final report	1964
19650057495	Solid-state maser research /optical/ fourth quarterly report, 14 may - 14 aug. 1964	1964
19650057496	Thin film techniques for silicon integrated circuits quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650057497	A reliability prediction analysis for the saturn model 301 pcm/ddas assembly technical report no. 3	1964
19650057500	Definition of orbital launch facility systems requirements and establishment of an orbital checkout concept	1964
19650057501	Mechanical tests at room and elevated temperatures on hiduminium 100 /s.a.p./ part ii- tensile tests on 1 inch dia. extruded bar	1964
19650057502	Three-degree-of-freedom problem optimization formulation. volume 3- user's manual	1964
19650057503	Three-degree-of-freedom problem optimization formulation. volume 3- analytical development	1964
19650057504	U-10b high altitude takeoff tests	1964
19650057505	Investigation of various textile parachutes and control systems to achieve steerability, phase i technical documentary report, jun. 1963 - mar. 1964	1964
19650057506	Dispersive characteristics of the ionosphere technical documentary report, 30 apr. - 31 jul. 1964	1964
19650057507	Six-degree-of-freedom flight-path study generalized computer program. part i, volume 1- problem formulation technical documentary report, 1 jun. 1962 - 31 dec. 1963	1964
19650057541	Fine grain dense ferrites first quarterly report, 1 jul. - 30 sep. 1964	1964
19650057543	Investigation of microwave dielectric-reson- ator filters fourth quarterly report, 1 apr. - 31 aug. 1964	1964
19650057544	Research on a broad band noise generator report no. 3 /final/, 31 may 1963 - 31 jul. 1964	1964
19650057545	A frequency response analysis of radiation effects data on electron tubes final report, 1 jun. 1963 - 31 may 1964	1964
19650057546	Low-altitude navigation and display techniques first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650057547	Equilibrium studies of refractory nitrides second quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650057565	Two dimensional high resolution radar	1964
19650057569	Ir stimuable phosphor studies quarterly technical report, may 1 - jul. 31, 1964	1964
19650057570	Nonlinear semiconductors at millimeter frequencies fifth quarterly report, 1 jun. - 31 aug. 1964	1964
19650057571	Semiconductor microwave amplitude and phase modulator fifth quarterly report, 16 may - 15 aug. 1964	1964
19650057572	Thin films formed by electrochemical reactions quarterly progress report no. 4, 1 jun. - 31 aug. 1964	1964
19650057612	Satellites and Probes Program Progress Report Sep. 1964	1964
19650057613	A simple method for real gas flow calculations	1964
19650057614	<interdisciplinary studies in space-related science and technology< second annual report	1964
19650057616	Critical currents of a superconductor of the second kind	1964
19650057617	The laser feedback interferometer	1964
19650057618	A helium-neon laser amplifier	1964
19650057619	Measurement of application in a gaas injection laser	1964
19650057620	High temperature hydrogen isotope targets	1964
19650057621	Visible laser oscillations from carbon monoxide	1964
19650057622	Stimulated emission in the far infrared	1964
19650057623	<fundamental studies on semi-conductor radiation detectors< first semiannual status report, 1 mar. - 31 aug. 1964	1964
19650057624	Ion rocket system research and development monthly progress report, 1 - 30 sep. 1964	1964
19650057625	Hybrid piezoelectric devices first quarterly report, 15 may - 15 aug. 1964	1964
19650057626	4 inch dia. x 6 inch long fiberglass vessel- development and strength at various strain rates	1964
19650057628	Some aspects of redundancy and circuit design	1964
19650057629	A digital simulation of airport runway utilization comparing the effects of alternative queue disciplines and of various types of traffic input	1964
19650057630	Experiments on methods for the numerical solution of a certain non-linear biharmonic equation	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057631	The drag of infinite swept wings	1964
19650057633	Thermal conductivity studies of high polymers status report, 1 apr. - 1 oct. 1964	1964
19650057635	Additional study and further development of the tracer-spark technique for flow velocity measurements- the use of magnetic confinement to increase the resolution of tracer-spark measurements first semiannual progress report, period ending oct. 31, 1964	1964
19650057637	Reinforced plastic laminates for long time high temperature use- aromatic amide-imides fifth interim technical report, 1 nov. 1963 - 31 jan. 1964	1964
19650057638	A program to improve the sample distribution program of the nininger meteorite collection semiannual status report, 1 mar. - 31 aug. 1964	1964
19650057639	Engineering analysis, 9 foot tank test program	1964
19650057641	Qualitative evaluation of instrument flight and all weather operation characteristics of the breguet 941 aircraft	1964
19650057645	Some reactions of manganese compounds with dinitrogen pentoxide and reactions of chromyl nitrate quarterly report, 1 jul. - 30 sep. 1964	1964
19650057646	Thermal degradation of coatings and coating polymers by thermogravimetric analysis. part i- apparatus design and calibration technical documentary report, 1 jan. 1962 - 31 oct. 1963	1964
19650057647	Study of cross-field amplifiers fourth quarterly progress report, 15 apr. - 15 jul. 1964	1964
19650057650	Nuclear materials sensors study. volume iii- fortran listing for the bsd transport codes final report	1964
19650057651	Optical network synthesis using birefringent crystals technical report no. 0576-7	1964
19650057652	Tungsten inert gas arc welding titanium using a non-reactive flux interim engineering progress report, 1 sep. - 30 nov. 1964	1964
19650057653	Study of antenna axis configurations for satellite tracking and continued study of transportable antenna systems, volume 1 quarterly report /final/, 1 apr. - 30 jun. 1964	1964
19650057654	Study of antenna axis configurations for satellite tracking and continued study of transportable antenna systems, volume ii quarterly report /final/, 1 apr. - 30 jun. 1964	1964
19650057655	Study of antenna axis configurations for satellite tracking and continued study of transportable antenna systems, volume iii quarterly report /final/, 1 apr. - 30 jun. 1964	1964
19650057656	Deleted record	1964
19650057657	Development of manufacturing process for assembly of miniature attitude control rockets interim engineering progress report, 1 jul. - 30 sep. 1964	1964
19650057658	Shielded ceramic composite structure interim engineering progress report, 1 sep. - 30 nov. 1964	1964
19650057659	Direct contact explosives metalforming interim engineering progress report, 1 sep. - 30 nov. 1964	1964
19650057660	Electronic camera system first quarterly progress report, 1 jul. - 9 oct. 1964	1964
19650057661	Camera tube with internal image-motion compensation sixth quarterly progress report, 1 may - 31 jul. 1964	1964
19650057662	Applied research in thin-film field-emission tubes seventh quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650057663	Fuel cells quarterly progress report, 1 jul. - 20 sep. 1964	1964
19650057664	Measurement and in-process control of small bores interim engineering progress report, 15 may - 15 sep. 1964	1964
19650057665	Negative-grid tubes for phased arrays fifth quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650057666	Study of crossed-field reentrant beam electron devices /magnetron and amplatron/ nineteenth quarterly progress report, 15 dec. 1963 - 14 mar. 1964	1964
19650057672	A study of rapid variations in the maximum observed frequency between fort monmouth, new jersey and palo alto, california	1964
19650057674	High reliability connective devices semiannual technical report, 1 feb. - 31 jul. 1964	1964
19650057676	Investigation of the frequency response of several transducer/mounting-block systems	1964
19650057677	Effect of fluid environment on torsional fatigue failure progress report no. 2, 1 jun. - 31 aug. 1964	1964
19650057678	Development of advanced army aircraft instrumentation system /aaais/ interim report	1964
19650057680	The design and evaluation of a circuit for the detection of am signals with superimposed frequency spectra	1964
19650057681	Erosion resistant pyrolyzed ablative plastics. part 1- precursory materials and vapor plating apparatus	1964
19650057682	Evaluation of the portable visual glide slope indicator	1964
19650057685	A half-bridge type strain gage for use at elevated temperatures technical documentary report, nov. 14, 1960 - sep. 22, 1961	1964
19650057686	Miniature crystal units for single-sideband operations quarterly report, jun. 1- aug. 31, 1964	1964
19650057687	Electronic camera systems study and investigation first quarterly progress report, 8 jun. - 30 sep. 1964	1964
19650057688	Low temperature refractory metal-to-ceramic seals third quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650057689	Glass-holder reliability study final report, 1 apr. 1963 - 30 sep. 1964	1964
19650057690	Flat-plate boundary-layer transition at hypersonic speeds technical documentary report, apr. 1963 - jul. 1964	1964
19650057691	3-watt ku-band ppm-focused traveling-wave tube final technical documentary report, 15 jul. 1963 - 15 jul. 1964	1964
19650057692	Study of thin film compounds formed from simultaneously evaporated constituents fifth quarterly report, jul. 1 - sep. 30, 1964	1964
19650057693	Study and fabrication of a solid-refrigeration superinsulation cooling system first quarterly progress report, 1 jul. - 30 sep. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057694	Transfer line surge	1964
19650057700	Synthesis of inorganic oxidizers quarterly progress report, jun. 1 - sep. 1, 1964	1964
19650057705	Research and development of a high energy non-aqueous battery quarterly technical report, mar. 18 - jun. 18, 1964	1964
19650057713	A long-range microwave communications system for naval forces	1964
19650057714	The safe processing of high specific-impulse propellants, april 1 - june 30, 1964	1964
19650057716	Gelled monopropellant for gas generator application	1964
19650057722	Development objectives guide- ionospheric scatter	1964
19650057724	Safing, arming and fuzing missiles with inertial systems technical memorandum no. 1392	1964
19650057740	Study of earth atmospheric entry tests of planetary entry systems	1964
19650057741	Data-reduction procedures, performance correlation techniques, and results for the thiokol chemical corporation 8-1 nozzle gaseous secondary injection thrust vector control cold-flow tests	1964
19650057742	Quarterly project progress report for january, february, march 1964	1964
19650057743	Minimal sphere covering	1964
19650057749	Aerodynamic Nozzle Study, Volume I Summary Interim Report, Sep. 1, 1963 - Aug. 1, 1964	1964
19650057750	Aerodynamic nozzle study, volume ii interim report, sep. 1, 1963 - aug. 1, 1964	1964
19650057752	Satellite and Probes Program Progress Report, October 1964	1964
19650057755	Delta 22, tiros h flight test report	1964
19650057762	Introduction to monte carlo methods <allgemeine einfuehrung in die monte-carlo- methoden<	1964
19650057763	Investigations on the spontaneous alternation of the rat <untersuehungen ueber die spontane alternation der ratte<	1964
19650057764	The effect of trichlorethylene on the behavior of rats <die wirkung von trichlorathylen auf das verhalten von ratten<	1964
19650057765	An apparatus for the measurement of equilibrium motions <eine apparatur zur messung der gleichgewichtsbewegungen<	1964
19650057766	Fatigue measurements of telephone operators on night duty <ermudungsmessungen bei telephonistinnen waehrend der nachtarbeit<	1964
19650057767	The effect of barbitalum soluble /veronal/ on physiological processes and psychic performance <beeinflussung physiologischer vorgaenge und psychischer leistungen durch barbitalum soluble /veronal/<	1964
19650057768	Measurement of turbulent skin friction with the preston tube <zur messung der turbulenten wandreibung mit dem preston rohr<	1964
19650057769	Effect of amphetamine on endurance, motiva- tion, fatigue, behavioral inhibition, curiosity, and appetite of the rat <action de l'amphetamine sur l'endurance, la motivation, la fatigue, l'inhibition du comportement, la curiosite et l'appetit chez le rat<	1964
19650057770	Physiological studies of the nervous fatigue of telephone operators and office workers <enquetes physiologiques sur la fatigue nerveuse des telephonistes et employees de bureau<	1964
19650057771	The range of effects of trichloroethylene on the behavior of the rat <le spectre des effets du trichlorethylene sur le comportement du rat<	1964
19650057772	Monotony <la monotonie<	1964
19650057773	The psychological and physiological problem of vigilance <le probleme psychologique et physiologique de la vigilance<	1964
19650057774	Determination of the free energy, the dissociation constant of the radicals cn, ch, nh, and the enthalpy of the radical cn <determination de l'energie libre, de la constante de dissociation des radicaux cn, ch, nh, et de l'enthalpie du radical cn<	1964
19650057775	Experiments with heavy water /d2o/ on the speed of enternal water absorption in healthy persons and in edema patients <untersuehungen mit schwerem wasser /d2o/ ueber die geschwindigkeit der enteralen wasserresorption bei gesunden personen und bei odemkranken<	1964
19650057776	Some high and low energy nuclear physics in the low countries	1964
19650057777	Columbium 'h' section program. phase i- extrusion. phase ii- drawing interim report, 1 jul. - 1 oct. 1964	1964
19650057778	Thermal erosion of ablative materials summary technical report, 4 apr. 1963 - 29 feb. 1964	1964
19650057779	Hydrogen generator program semiannual progress report, 21 jan. - 21 jun. 1964	1964
19650057780	Quarterly report no. 191, for april to june, 1964	1964
19650057781	Electrolytic machining development final technical engineering report, 4 sep. 1962 - 3 jun. 1964	1964
19650057782	Application of thin-film electron microscopy to refractory metal processing quarterly progress report, 12 jun. - 11 sep. 1964	1964
19650057783	Application of z-transform methods to markov chain problems, with a maintenance example interim report	1964
19650057786	<research on meteorites and cosmic rays< progress report, mar. 16 - sep. 15, 1964	1964
19650057787	Feasibility of simulating thermal environments for meaningful evaluation of ablating materials quarterly progress report no. 6, aug. 1 - oct. 31, 1964	1964
19650057789	Study of guidance and control systems monthly status report no. 15, 8 jun - 8 jul. 1964	1964
19650057790	Pulse counting detectors for low energy particles and high energy photons second bimonthly report, 10 jun. - 10 aug. 1964	1964
19650057791	Hf communication effect simulation- computer processing of oblique sounder data interim report no. 5	1964
19650057794	Investigations on the future development and verification of the e.w.f. /electromagnetic wave force/ theory. phase i- the ionosphere	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057795	Trajectory study for advanced lunar missions second monthly progress report	1964
19650057796	Aerobee nasa 4.123 cg s/n nasa 123 /26 october/ meteorological data report	1964
19650057797	Discrepancy analysis of preflight equipment failures	1964
19650057802	Observations on the (1s2s2p) 4P5/2 Metastable State in Lithium	1964
19650057804	On the theory of superhyperfine interaction in iron group ion complexes	1964
19650057805	Radioisotopic biochemical probe for extraterrestrial life quarterly progress report no. 13	1964
19650057807	Detection and identification of biologically significant compounds by mass spectrometry status report, jun. 1963 - may 1964	1964
19650057809	Studies on the recovery and reusability of the saturn s-ic booster, volume 1	1964
19650057810	Studies on the recovery and reusability of the saturn s-1c booster, volume 2	1964
19650057811	Studies on the recovery and reusability of the saturn s-1c booster, volume 3	1964
19650057812	Research and development of an instrument for detection of extraterrestrial life by optical rotatory dispersion third quarterly report, 25 aug. - 24 nov. 1964	1964
19650057814	Fundamental investigation of the catalytic degradation of hydrocarbon fuels quarterly progress report, jul. 1 - sep. 30, 1964	1964
19650057815	Blue glacier antenna experiment preliminary report	1964
19650057835	Single crystal hexagonal ferrites fifth quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650057847	Flight test results of black brant iia /cc ii- 17 and 18/ fired at churchill research range, june 1963	1964
19650057890	The effect of background radiation on copper- and mercury-doped germanium	1964
19650057891	An infrared vidicon airborne reconnaissance system	1964
19650057894	Thermal mapping of sea ice in the north polar basin	1964
19650057896	Electronic spatial discrimination technique for image-scanning sensors	1964
19650057900	Color temperatures of atlas and minuteman continuum radiation	1964
19650057901	Optical results from rex-3 re-entry	1964
19650057908	Trajectory summary report - afmfc test 1060	1964
19650057917	Calculation of wake radar cross section for slender re-entry vehicles	1964
19650057922	Parametric study - continuously manned space offense systems	1964
19650057924	Effects of spin-rocket characteristics on the flight of improved-honest-john-type rockets	1964
19650057926	Initiation of insensitive explosives. volume ii- initiation with metal - metal oxides final report, 20 may 1963 - 20 may 1964	1964
19650057929	Engineering data control system	1964
19650057931	Research on short wavelength ir detectors research contract status report, 1 jun. - 30 jun. 1964	1964
19650057935	The effects of free-steam conditions on force generation by external combustion on a flat plate in mach 3.1 flow	1964
19650057936	Surface waves resulting from explosions in deep water technical report no. 1-647	1964
19650057938	Research project rp7/13- investigation of cathode coating adhesion eighth interim report	1964
19650057939	Experience on the iae 3 1/4 inches centers gear lubricant testing machine in low temperature gear evaluation of experimental gas turbine oils	1964
19650057940	Analysis of counting accelerometer data second summary report	1964
19650057941	A statistical analysis of maximum dynamic load factor for multi-engined rocket vehicles volume ii- appendices and data addenda final report	1964
19650057942	A statistical analysis of maximum dynamic load factor for multi-engined rocket vehicles. volume i- summary report final report	1964
19650057943	Study of noise in semiconductor devices quarterly report, 1 may - 31 jul. 1964	1964
19650057944	Reliability and quality assurance program eighth quarterly status report, jul. - sep. 1964	1964
19650057945	Very high resolution techniques eighth quarterly report, 15 mar. - 15 jun. 1964	1964
19650057946	Grating groove formation in au and au-ge alloys quarterly report no. 3	1964
19650057947	Alumina absorption and emittance final technical report, 1 aug. 1963 - 31 may 1964	1964
19650057948	<control theory investigation< semiannual status report, 1 apr - 30 sep. 1964	1964
19650057950	The effect of nuclear radiation on elastomeric and plastic components and materials addendum report	1964
19650057951	Six-degree-of-freedom flight path study generalized computer program. part ii, volume i- user's manual for part i, volume i technical documentary report, 1 jun. 1962 - dec. 1963	1964
19650057952	Category ii performance and limited handling characteristic tests of the yuh-1d with a 44-foot rotor	1964
19650057955	Engineering development models of pcm multiplexer and cable combiner for forward area pcm terminal first quarterly report, 1 jul. - 30 sep. 1964	1964
19650057956	Geoscience data extraction from radar imagery first quarterly progress report	1964
19650057959	Development, design, fabrication, and demonstration of packageable, high-expansion- ratio nozzles for solid propellant rocket motors quarterly report, 1 jun. - 3 aug. 1964	1964
19650057973	Structural vulnerability of pre-launch missiles to nuclear weapon effects	1964
19650057974	Effects of rocket exhaust jet impingement on a movable flat plate at pressure altitudes above 200,00 feet	1964
19650057975	Nuclear pulse space vehicle study executive summary report	1964
19650057977	Laboratory simulation studies of outer space phenomena first quarterly status report, 10 aug. - 10 nov. 1964	1964
19650057981	Improved coatings for glass monofilaments monthly progress report no. 7, 20 oct. - 20 nov. 1964	1964
19650057982	Flared shell solution procedure for stress analysis of a doubly-curved skin with a flared nozzle port	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650057983	Experiments in molecular evolution and criteria of extraterrestrial life	1964
19650057985	Compounds to change color with environmental change final technical report	1964
19650057987	Pilot compartment airbag restraint program final report	1964
19650057988	Study of structural and mineralogical significance of meteorite impact sites, including mineral paragenesis, high pressure polymorphs microfractures and quartz lamellae second semiannual report, jan. - jun. 1964	1964
19650057989	Feasibility of objective color systems second quarterly progress report	1964
19650057990	Noise investigations with impinging jet flows status report no. 3, jun. 1 - nov. 30, 1964	1964
19650057991	Geoscience data extraction from radar imagery second quarterly progress report	1964
19650057992	Feasibility of objective color systems first quarterly progress report	1964
19650057994	Study and improvement of the s-1 photoemissive surface quarterly report, 11 nov. 1963 - 31 jan. 1964	1964
19650058016	The Effect of Model Scale on Rigid-Body Unsteady Pressures Associated with Buffeting	1964
19650058019	Photographic image correlation	1964
19650058032	Weapon system 133a- rocket motor m57a1, minuteman stage iii. quality assurance failure recovery confirmation, firing number c-2 /5d7/ quick-look report	1964
19650058034	Research study of infrared spectral absorptance of thermally inhomogeneous hot gases quarterly progress report no. 2, 1 oct. - 31 dec. 1964	1964
19650058035	Radar sensing for geoscience purposes monthly progress report, 1 oct. - 1 nov. 1964	1964
19650058036	Application of hydrogen bacteria to bioregenerative life support systems. part 1- urine in h. eutropha culture first quarterly progress report, 17 aug. - 17 oct. 1964	1964
19650058037	Mixed boundary value problems in elasto- statics solved by the wiener-hopf technique	1964
19650058038	Feasibility investigation of rocket engine analyzer and decision instrumentation for saturn v vehicle fourth monthly progress report, 1 sep. - 30 sep. 1964	1964
19650058039	Microminiature passive telemetry for biological measurements quarterly status report no. 4, 1 jul. - 30 sep. 1964	1964
19650058040	High temperature measuring device third quarterly progress report	1964
19650058065	Precision early launch phase tracking system study final report	1964
19650058075	Project banshee, phase iv	1964
19650058081	Hypersonic flutter model tests of advanced wing configurations at initial angles of attack	1964
19650058085	High-pressure research toward high-energy propellants quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650058086	Synthesis, characterization and evaluation of metal hydride quarterly progress report no. 8, may - jul. 1964	1964
19650058090	Research in conventional and unconventional fuels fourth quarterly report, supplementary	1964
19650058103	Formal solution of a nonhomogeneous differential equation with a double transition point	1964
19650058104	On the stiffness of thin pressurized shells of revolution	1964
19650058105	A study of some aspects of ultra high vacuum measuring equipment final report	1964
19650058110	Radar attenuation in advanced propellant systems final report, 29 jun. - 29 sep. 1964	1964
19650058121	Stage i minuteman /m55a1/ production support quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650058123	Mark x /sif/ iff system violation alert system /vas/ study	1964
19650058130	Techniques to obtain high average rf power interim technical documentary report no. 2, feb. 1 - may 1, 1964	1964
19650058134	<terrain analysis using airborne radar< quarterly progress report, 1 jul. - 1 oct. 1964	1964
19650058135	Development of high performance porous tungsten ionizers, phase i progress report, 15 apr. - 15 nov. 1964	1964
19650058136	Effects of schedule and stimulus parameters on monitoring and observing behavior semiannual status report, 1 jun. - 30 nov. 1964	1964
19650058137	Discrepancy analysis of preflight equipment failures monthly report, dec. 1964	1964
19650058138	<radar and microwave radiometry investigations related to orbiting research laboratories< monthly progress report, 1 sep. - 1 oct. 1964	1964
19650058139	Research on diffusion of hydrogen through palladium-silver alloy, phase 3 monthly progress report	1964
19650058140	Novel techniques for ruling improved large diffraction gratings semiannual status report no. 1, jun. 1 - nov. 30, 1964	1964
19650058142	Shock-shock interaction on a slender cone	1964
19650058144	Refractory reinforcements for ablative plastic. part iii- pyrolytic boride reinforcing agents	1964
19650058151	A study of anticatalytic materials semiannual progress report, mar. 5 - sep. 5, 1964	1964
19650058152	Design study for a vehicle-detector system, phase i interim technical report	1964
19650058158	Research on high gain transmission secondary emission films final report, 1 dec. 1961 - 1 mar. 1964	1964
19650058159	Atmospheric transport of rocket motor combustion by-products thirteenth monthly letter progress report	1964
19650058160	Research and development on high intensity compact type xenon light sources final report, 4 dec. 1961 - 21 dec. 1963	1964
19650058161	The calculation of temperature along hugoniot curves in the /p - v/ plane	1964
19650058163	Feasibility and design study for a universal radarscope recorder final report	1964
19650058164	Development of instrumentation techniques for measurement of rocket engine pulse mode performance final report, 29 jun. 1963 - 15 dec. 1964	1964
19650058165	Microwave ferrite devices /octave bandwidth y-junction circulators/ eighth quarterly report, 15 jan. - 1 aug. 1964	1964
19650058168	Arcjet technology research and development first quarterly progress report, 3 jun. - 31 aug. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058169	Applications of statistics to the analysis of experiments	1964
19650058170	Saturn s-ii ground support equipment inspection manual	1964
19650058171	<construction of a center for space research on the campus< sixth quarterly progress report, sep. 16 - dec. 15, 1964	1964
19650058172	<experimental investigation of the effects of low pressures on cellular ultrastructure and cytochemistry in plants< semiannual progress report, apr. 1 - nov. 1, 1964	1964
19650058173	Prediction of blast loads on boosters	1964
19650058174	A one-dimensional analysis of a flow system in chemical non-equilibrium with application to combustor and exhaust nozzle flow problems	1964
19650058175	Improved azimuthal resolution with a forward looking radar first quarterly technical summary report, 1 jul. - 1 oct. 1964	1964
19650058178	Six-degree-of-freedom flight path study generalized computer program. part ii, volume 2- user's manual for part 1, volume 2 technical documentary report, 1 jun. 1962 - 31 dec. 1963	1964
19650058179	Apollo support program quarterly progress report, jan. - mar. 1964	1964
19650058180	Test results of the l-band diffron /low-noise, dc-pumped cyclotron wave device/	1964
19650058181	<research on linear operators and hilbert spaces in topological algebra, april 1 - august 31, 1964<	1964
19650058182	The investigation of a method for remote detection and analysis of life on a planet	1964
19650058183	Optimum structural design status progress report, jun. 1 - dec. 1, 1964	1964
19650058185	Meteoroid-bumper interaction studies fifth monthly progress report, 16 oct. - 16 nov. 1964	1964
19650058186	Resistance welding of refractory metals first interim engineering progress report, 15 aug. - 15 nov. 1964	1964
19650058187	The double non-reactive shock process and its representation in the /p-v/ and /p-u/ plane	1964
19650058188	Development of linear strip ion thrusters for attitude control quarterly progress report no. 1, 14 jul. - 30 sep. 1964	1964
19650058189	Study of fuel cells using storable rocket propellants quarterly report no. 3, 28 jul. - 27 oct. 1964	1964
19650058190	Fracture toughness of 2219-t8 aluminum	1964
19650058192	Heat transfer and pressure investigations of an si/s-iv stage separation model using short- duration techniques. volume ii- tabulated numerical results	1964
19650058193	<investigations of charge transfer and ionization cross sections< third semiannual report, period ending 31 dec. 1964	1964
19650058194	Engineering effort to obtain long time creep data on structural sheet materials progress report, mar. 1 - may 31, 1964	1964
19650058195	Growth and development of plants in compensated fields interim report no. 3	1964
19650058197	Estimates of communication satellite system degradation due to rain	1964
19650058198	Navigation satellite system. a worldwide air/ sea navigation and traffic control system using satellites	1964
19650058199	Study of the mechanics of non-newtonian fluids first quarterly status report, period ending 26 sep. 1964	1964
19650058201	Image-intensification device interim technical report no. 2	1964
19650058208	Evaluation of the weldability of missile case materials quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650058209	Diffusion bonded honeycomb sandwich panels final report, 27 jul. 1963 - 15 sep. 1964	1964
19650058210	A new approach to the digital computer solution of the partial differential equation of atmospheric diffusion meteorological research notes no. 9	1964
19650058212	Large motor case technology evaluation progress report, 11 sep. - 11 dec. 1964	1964
19650058213	Low-speed wind tunnel tests on a 1/5-scale model underwater towed wing test report	1964
19650058214	Study of location and control of center of gravity of spacecraft, phase iii final report, 1 jul. 1963 - 1 aug. 1964	1964
19650058215	Exploratory study for the prediction of nuclear burst effects on vlf systems /physical mechanisms/	1964
19650058231	Weapon system 133a- rocket motor m57a1, minuteman stage iii. flight test evaluation report for flight test missile 889	1964
19650058233	Research on high energy rocket oxidizers second technical progress report, 15 sep. - 14 dec. 1964 35 p refs	1964
19650058234	Orbital lifetime study ninth monthly status report, 1 jun. - 30 jun. 1964	1964
19650058235	A study of early manned interplanetary missions /empire follow-on/	1964
19650058237	Design, fabrication, and testing of two /2/ pressure switch toggle actuators quarterly report no. 2, 1 oct. - 31 dec. 1964	1964
19650058238	Theoretical and experimental study of thermal contact resistance in a vacuum environment semiannual status report no. 6, jun. - dec. 1964	1964
19650058239	Subsystem report for saturn s-11 thermal control	1964
19650058243	Research leading to the development of a fast activating high energy thermal battery third quarterly progress report, 15 dec. 1963 - 14 mar. 1964	1964
19650058246	Dual-chamber controllable solid propellant rocket motor fifth quarterly report, 10 may - 9 aug. 1964	1964
19650058249	Fire and explosion hazards of flight vehicle combustibles. part ii- analysis of advanced flight vehicle heat exchanger fire and explosion hazards quarterly progress report, jul. 1 - sep. 30, 1964	1964
19650058251	J77-ge-2 and j79-ge-8 engines, accelerated service evaluation of third interim report	1964
19650058252	Weapon system 133a- rocket motor m57a1, minuteman stage iii. failure diagnosis program test 5-10-15 final report	1964
19650058253	Snap 17a, supplement no. 1 final report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058257	Development, analysis, and testing of cantilevered 6 percent - thick 70 deg delta wing flutter models. part ii-transonic tests technical documentary report, jun. 1960 - feb. 1963	1964
19650058260	Bismuth telluride improvement program quarterly report no. 1, 22 apr. - 22 jul. 1964	1964
19650058273	Scramjet ground test simulation requirements and facilities capability, 1 january - 1 october 1963	1964
19650058274	A study of the explosion limits of simple difluoramino compounds quarterly technical summary report no. 6, jul. 1 - sep. 30, 1964	1964
19650058276	Weapons system 133a- rocket motor m57a1, minuteman stage iii. partial burn failure, demonstration motors 5-10-21 and 5-10-25 final summary report	1964
19650058278	Study, design, analysis, fabrication, and test of a solid propellant pulse rocket motor quarterly progress report no. 3	1964
19650058282	Solid propellant ignition studies final report	1964
19650058285	Beta radiation corrosion detection study quarterly progress report	1964
19650058287	Materials research for heat transfer fluids technical documentary report, jan. - dec. 1963	1964
19650058288	Modular interconnections for hermetic micro-assemblies final report, 20 feb. - 20 nov. 1962, 10 may 1963 - 27 apr. 1964	1964
19650058289	Interference reduction techniques for nonlinear devices final report, 15 may 1963 - 15 may 1964	1964
19650058290	Radiation damage-electron impact status report	1964
19650058291	The rotation and mass of the inner parts of ngc 4826	1964
19650058293	An experimental analysis of the micro- neuroanatomy of the central nervous system semiannual status report, 1 apr. - 30 sep.	1964
19650058294	The study of detonation phenomena and its possible relation to rocket motor combustion instability status report no. 3, aug. 1 - oct. 31, 1964	1964
19650058295	Investigation of pressure prediction methods for radial flow impellers, Phase 2 Quarterly progress report no. 2, 13 Sep. - 13 Dec. 1964	1964
19650058296	Through-flow solution for axial turbomachine blade rows	1964
19650058297	Synthesis and identification of high molecular weight polydioxins technical report, 1 may 1963 - 30 sep. 1964	1964
19650058298	The prediction of al, na, and mn contents in earth materials for use in an induced-activity prediction system	1964
19650058299	Interaction of nonparallel, noncoplanar dislocations	1964
19650058313	Sensing and data compression design for an early warning system operating at high altitude for detection of icbm's	1964
19650058315	Evaluation of a high energy liquid propellant rocket engine oxidizer and a pilot production of same seventh quarterly report, 1 may - 1 aug. 1964	1964
19650058337	Experimental and theoretical investigation of inlets for supersonic combustion ramjets	1964
19650058338	New explosives evaluation techniques technical documentary report, 22 mar. 1963 - 22 jan. 1964	1964
19650058339	The transient response of gelatin targets to projectile impacts	1964
19650058340	Analysis of the resolution capabilities of photosensitive materials	1964
19650058341	Continuous processes for functional electronic blocks interim technical documentary report no. 5, 1 jul. - 30 sep. 1964	1964
19650058342	A perturbation treatment of the ground state of h super plus over sub 2	1964
19650058343	Stable ferrites for r.f. applications first quarterly report, 1 jul. - 30 sep. 1964	1964
19650058344	Study of nonradiative processes in laser materials progress report, 1 jul. - 31 dec. 1964	1964
19650058345	Optimization of guidance computers final report, oct. 1963 - oct. 1964	1964
19650058347	Transistor, field effect, insulator gate, 100 mc amplifier first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650058348	Trichloroacetic acid soluble polysaccharide- protein complexes	1964
19650058349	Mono- and polynuclear ferric nucleotides. ii- reactions of ferric iron with adenosine and adenosine phosphates	1964
19650058350	Research on thin film tunnel cathodes, recombination cathodes, and similar cold cathodes second quarterly progress report, 15 jun. - 14 sep. 1964	1964
19650058352	Composite ceramic radome manufacture by mosaic techniques interim engineering progress report, 1 aug. - 31 oct. 1964	1964
19650058353	Category ii limited performance tests of the yat-37d aircraft	1964
19650058355	Trailing cone method of measuring static source position error, evaluation and calibration phase first interim report	1964
19650058356	Reentry vehicle trajectory analysis technical analysis report	1964
19650058357	Accelerated deterioration of elastomers quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650058358	Rigidization techniques for integrally woven composite constructions fifth quarterly report, 1 jul. - 30 sep. 1964	1964
19650058359	Research on millimeter-wave tubes interim engineering report, 1 sep. - 30 nov. 1964	1964
19650058361	Reliable, low cost, stable resistors, general purpose quarterly report, may 1 - jul. 31, 1964	1964
19650058362	Development of an alignment and measuring system for large aerospace vehicles, phase iii first interim engineering report, 1 jul. - 30 sep. 1964	1964
19650058363	Electronic programmer system for xm471 projectile	1964
19650058364	High power laser techniques quarterly progress report, 1 jul. - 30 sep. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058365	Shock wave studies in plastics and earth materials	1964
19650058366	Temperature dependence of n-type mos transistors	1964
19650058367	Design of a cathode-ray tube stimulator for visual research first interim technical report	1964
19650058368	Process development for internal roll extrusion of large rocket motor cases interim engineering progress report, 1 sep. - 30 nov. 1964	1964
19650058372	Vaporization of thermionic refractory materials thirteenth status report, sep. 1 - nov. 30, 1964	1964
19650058373	Agx-2013 high-voltage /ebw/ initiator final summary report	1964
19650058378	General theoretical analysis and evaluation of an experimental model of a constant-speed flywheel power source	1964
19650058379	Solid propellants for small arms ammunition. a review and recommended research	1964
19650058380	Bubble coalescence in a longitudinally vibrated liquid column /part i/	1964
19650058382	<research activities of the stanford electronics laboratories< quarterly research review no. 9, 1 apr. - 30 jun. 1964	1964
19650058383	Photon coupled circuits	1964
19650058384	Development of high temperature grease for high speed ball and roller bearings technical documentary report, feb. 1, 1963 - jan. 31, 1964	1964
19650058385	Nuclear materials sensors study. volume ii- the bsd transport code final report	1964
19650058386	Addendum to Nuclear Flight Executive Program. Phase IV- Nuclear Vehicle Flight Safety Study	1964
19650058389	Follow-on Flox Testing Program at Sycamore Third Monthly Progress Report, 1 Jun. - 26 Jun. 1964	1964
19650058400	Research on photoconductive materials for infrared vidicon tubes interim engineering report, 1 nov. 1963 - 28 feb. 1964	1964
19650058407	Hypervelocity impact phenomena quarterly report, jun. 1 - aug. 31, 1964	1964
19650058412	Research and development of semiconductor devices exhibiting injection electro- luminescence as infrared radiation sources interim technical report, 16 may - 15 aug. 1964	1964
19650058414	Life sciences /6.24.05.12.4/- objectives, achievements, state of the art annual report, fy-64	1964
19650058415	Life sciences /program element 6.24.05.12.4/ program element plan /pep/, fy-65	1964
19650058416	Bioastronautics /program element 6.24.05.15.4/ program element plan /pep/, fy-65	1964
19650058418	An/tsc-23 communication central analysis final report, may 1963 - oct. 1964	1964
19650058419	Manufacturing methods processes and develop- ment for cesium beam frequency standards interim engineering progress report, 9 sep. - 9 dec. 1964	1964
19650058420	Development of a point deformation rolling mill interim engineering progress report, 1 oct. - 31 dec. 1964	1964
19650058421	Bandwidth limitations of in-cavity laser modulation	1964
19650058422	Electronic timer system with remote setting and monitoring	1964
19650058423	Adaptive multiple-output threshold systems and their storage capacities technical report no. 6771-1	1964
19650058426	On the laguerre-geometry k/f,v/ and its automorphismgroup sigma final report, 1 jan. - 31 dec. 1964	1964
19650058427	Optical maser communication experiment using caf2-dy plus plus	1964
19650058428	Uhf small-signal transistor second quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650058429	Effects of high intensity impulse noise and rapid changes in pressure upon stapectomized monkeys	1964
19650058430	A ground control unit for the copperhead ii arming programmer	1964
19650058431	Silica fiber/core-sheath fiber quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650058445	A study of magnetic and acoustic excitations at microwave frequencies in solids second quarterly progress report, aug. 1 - oct. 31, 1964	1964
19650058446	Committee on beryllium metallurgy of the materials advisory board second progress report	1964
19650058447	Extrusion of beryllium structural shapes	1964
19650058448	Beryllium case registry progress report- 1962	1964
19650058449	Slip character, impurities and the ductile- brittle transition of beryllium	1964
19650058450	Application of fracture mechanics to the beryllium metallurgy	1964
19650058451	Fatigue cracking and residual strength characteristics of beryllium panels	1964
19650058454	Launch vehicle study, part iii. volume 1- summary final technical report	1964
19650058455	Launch vehicle study, part iii. volume iv- mission and operations analysis final technical report	1964
19650058456	Launch vehicle study, part iii. volume v- advanced technology requirements final technical report	1964
19650058457	Airborne gravity meter systems development final report, 1 jan. 1960 - 31 dec. 1963	1964
19650058458	Instrumentation system for the msfc attitude motion simulator fourth monthly progress report, 1-30 jun. 1964	1964
19650058459	Launch vehicle study, part iii. volume iii- development and operational plans final technical report	1964
19650058460	Calculation of hydrogen atom cross sections status report no. 1, may 15 - nov. 15, 1964	1964
19650058461	Research in photosynthesis quarterly report no. 6, sep. 6 - dec. 6, 1964	1964
19650058462	<steroid studies of lungfish extracts with gas chromatography< third quarter report, oct. 1 - dec. 31, 1964	1964
19650058463	High power microwave ferrites and devices seventh quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650058464	Generation of spin waves in nonuniform magnetic fields. iii- magneto-elastic interaction - a correction	1964
19650058465	Microwave magneto-elastic resonances in a nonuniform magnetic field	1964
19650058466	Demagnetizing field in nonellipsoidal bodies	1964
19650058467	<activities of the department of aerospace medicine and bioastronautics< semiannual report, jul. 1 - dec. 31, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058468	Technical aspects of a saturn vehicle fire detection system second informal quarterly report, 19 sep. - 19 dec. 1964	1964
19650058469	The s-807 0.55 - 20-mc receiver technical report no. 1971-1	1964
19650058470	Adaptive pattern dichotomization technical report no. 6201-1	1964
19650058471	Loads requirements for aerospace vehicle structures final report, mar. - dec. 1963	1964
19650058472	Injection laser study quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650058473	Effects of contaminants on observables in re-entry second quarterly technical report	1964
19650058474	Ferrites, magnetic, h. f. final report, 1 jun. 1962 - 30 jun. 1964	1964
19650058475	Sedimentation of chemically reacting non- diffusing macromolecules, part ii- some special solutions	1964
19650058477	Microbial deterioration of electronic components bimonthly progress report, 1 jul. - 31 aug. 1964	1964
19650058478	J52-p-6 engine- an approach to the problem of creating a controllable temperature pulse in a moving air stream	1964
19650058479	High temperature turbine component develop- ment for trecom small gas turbine engine program monthly technical report no. 5	1964
19650058480	Humrro quarterly progress report, july - september 1964	1964
19650058481	Humrro quarterly progress report, october - december 1964	1964
19650058483	Improved transportable h.f. direction finder set quarterly progress report, 31 mar. - 30 jun. 1964	1964
19650058484	A preliminary thermal degradation computer model for reentering nuclear auxiliary power systems final report	1964
19650058485	Control monitor and test system for an unmanned vehicle technical report, jan. 1962 - oct. 1964	1964
19650058486	Transistor circuitry multimeter development second quarterly progress report, 1 may - 31 jul. 1964	1964
19650058487	Magnetic thin-sheet memory quarterly report, apr. 1 - jun. 30, 1964	1964
19650058489	Evaluation study of transport vehicles final report	1964
19650058490	Interdisciplinary studies of the effects of the space environment on biological systems semiannual status report, may 1 - oct. 31, 1964	1964
19650058491	Anaerobic work capacity as affected by stress third semiannual progress report, 1 jul. - 31 dec. 1964	1964
19650058492	Studies of low friction coatings for vulcanized elastomers progress report, 8 jul. - 8 oct. 1964	1964
19650058493	Physical chemistry of high polymers progress report no. v, 1 mar. 1963 - 1 mar. 1964	1964
19650058494	Delta monthly technical progress report, nov. 1964	1964
19650058495	Components irradiation test no. 6- 2n222 transistors and ti-257 diodes final report	1964
19650058497	Microwave phase shifters for inertialess scanning first quarterly report, 1 jul. - 30 sep. 1964	1964
19650058498	Magnetic parametron logic elements final report, 1 apr. 1963 - 30 jun. 1964	1964
19650058499	Design techniques for structurally supported radomes interim engineering report, 27 jul. - 27 oct. 1964	1964
19650058500	Investigation of various textile parachutes and control systems to achieve steerability seventeenth monthly progress report, 11 sep. - 10 oct. 1964	1964
19650058508	Weapon system 133a- quality assurance failure analysis motor, firing number 5-10-6 /ground level test/, m57a1 rocket motor final report	1964
19650058512	Design and evaluation of a propulsion unit for a single-stage hercules	1964
19650058513	A calibration satellite as a means for the evaluation of the practical effectiveness of the concept of self-calibration of tracking systems final report	1964
19650058515	Tutor category 2d flight trials	1964
19650058516	Research on diffusion of hydrogen through palladium-silver alloy, phase 3 monthly progress report	1964
19650058518	The development and evaluation of a bilateral triode switch quarterly progress report, 13 jul. - 13 oct. 1964	1964
19650058519	Evaluation of the plessey lightweight uhf transceiver	1964
19650058520	The nature of the omega phase in quenched alloys of titanium <0 priode omega -fazy v zakalennykh splavakh titana<	1964
19650058521	Extension of effort for lunar flight handbook condensed summary report	1964
19650058522	Extension of effort for lunar flight handbook summary report	1964
19650058524	Manufacturing methods study on voltage-tunable magnetrons interim engineering progress report no. 9, 1 jul. - 30 sep. 1964	1964
19650058526	Voice communications switching system interim report	1964
19650058527	Development of ultrasonic testing techniques for titanium weldments final report	1964
19650058528	A survey of heat transfer and hydrodynamic problems associated with propulsion reactors	1964
19650058529	A travel time anomaly in non-uniform wave propagation scientific report no. 3	1964
19650058530	Preliminary report on the canadian projects in the /1964/ 500 ton tnt suffield explosion	1964
19650058531	Serviceability and leak tests on atlas vernier engine igniters airmunitions test report	1964
19650058532	Weld repair and inspection procedures, dsr s 11050 final report	1964
19650058533	Contract number index to reports announced in cstar. cumulative index to items in cstar vol. 2, 1964	1964
19650058534	Development of new and improved high-tempera- ture solid film lubricants	1964
19650058536	Experiment on the resonance in the elastic scattering of electrons by atomic hydrogen	1964
19650058537	Corrosion protective and wear resistant coatings on steel for use 500-1500 deg f. phase i- coatings for the 500-1000 deg f range	1964
19650058538	Flight evaluation of a side hand controller in an f-4a airplane final report	1964
19650058540	Evaluation of proprietary adhesives for bonding ral tiles to steel surfaces	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058541	A design for a logarithmic amplifier	1964
19650058542	Study to determine the suitability of compressing the time of mission profile during elevated temperature fatigue testing on large or full scale vehicles technical documentary report, 15 may - 15 dec. 1963	1964
19650058543	Investigation of microwave duplexer switching mechanisms sixth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650058544	New hydrofluorocarbon high temperature integral fuel tank filleting sealants technical documentary report, apr. 1962 - dec. 1963	1964
19650058545	Manufacturing in-process control and measurement techniques for integral electronics /connections and lifetime/ interim engineering progress report, 1 jul. 30 sep. 1964	1964
19650058546	Merit system- a special purpose program for structural dynamic analysis	1964
19650058547	Electron beam welding in variable environments interim technical documentary progress report, 16 jul. - 15 oct. 1964	1964
19650058548	Research on extruding, drawing and heat treating of titanium interim engineering progress report, 15 jul. - 31 oct. 1964	1964
19650058549	Fuel cells quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650058550	Identification of spurious responses	1964
19650058551	Comment on correlation functions for the helium atom	1964
19650058552	Correlation energy of two-electron systems	1964
19650058553	Thermoelectricity- report on the state-of- the-art materials and devices	1964
19650058554	Mixing and detecting of laser signals	1964
19650058555	A feasibility study of improved lightning protection systems final report, apr. 16 - aug. 14, 1964	1964
19650058556	Millimeter wavelength power generation utilizing the phreatron effect fifth quarterly progress report, 1 jun. - 1 sep. 1964	1964
19650058557	Research study for increasing the sensitivity of photoemitters quarterly technical report, 1 jul. - 30 sep. 1964	1964
19650058558	Novel image-dissector camera tube first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650058559	Statistical analysis of adaptive linear classifiers technical report no. 6761-1	1964
19650058560	Traveling-wave phase shifter fourth quarterly summary report	1964
19650058561	Report on the scientific activities of the marburg department for radiation biology and isotope research. research and development- 1954 - 1964	1964
19650058565	A computer analysis of the closed brayton cycle with a recuperator	1964
19650058567	Basic radiation effects mechanisms study on electron tubes final report, 1 jun. 1962 - 31 aug. 1964	1964
19650058568	Helios design studies combined quarterly reports, periods ending 15 jul. and 15 oct. 1964	1964
19650058571	Solid chemical radiation dosimeter semiannual report	1964
19650058573	Studies in the field of turbulent boundary layer noise research progress report no. 7, 15 nov. - 14 dec. 1964	1964
19650058574	Cryogenic storage subsystem- raw material- and destruct forging qualification for inconel 718 pressure vessels qualification test report	1964
19650058575	Physical limitations of life special report	1964
19650058577	Factors controlling the strength of composite bodies /interphase fracturing of composite bodies/ quarterly progress report, may 17 - aug. 17, 1964	1964
19650058578	Ku-band triode and cavity combination cw oscillator second quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650058579	Micromodule crystal units final report, 1 jul. 1961 - 30 sep. 1964	1964
19650058581	Space power tool final report, 24 jun. - 31 oct. 1963	1964
19650058582	Infrared to visible conversion in crystals quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650058583	A method for generating two frequency- translated outputs from a laser using an intra-cavity microwave phonon beam technical report, nov. 1963 - sep. 1964	1964
19650058584	Experimental investigations of atomic nitrogen recombination scientific report no. 2	1964
19650058586	Navigation satellite system- a worldwide air/sea navigation and traffic control system using satellites, volume i	1964
19650058587	Navigation satellite system- a worldwide air/sea navigation and traffic control system using satellites, volume ii	1964
19650058590	Electroforming aluminum for solar energy concentrators final report	1964
19650058591	Determination of the parameters governing electromagnetic wave propagation in a moving plasma	1964
19650058592	The demand for professional pilots within the german federal republic <der berufsflugzeugfuhrerbedarf in der bundesrepublik deutschland<	1964
19650058593	Domain wall behaviour during creep in nickel- iron thin films	1964
19650058594	Analysis of flight loads recorded on comet 4b aircraft by means of the fatigue load meter	1964
19650058595	<visibility laboratory participation in nasa/ dod gemini experiments s-8/d-13, july - september 1964<	1964
19650058596	Effects of radiation on gastro-intestinal function and cyclic turnover of intestinal epithelium first semiannual status report, 1 jul. - 31 dec. 1964	1964
19650058597	Components irradiation test no. 4, 2n1132 transistors	1964
19650058598	<Study of Orbital Test Requirements for Guidance and Control Devices> Progress Report No. 1, 15 Aug. - 15 Sep. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058599	Chemosynthetic gas exchanger quarterly progress report no. 2, sep. 8 - dec. 8, 1964	1964
19650058600	Clustered model rocket acoustics test	1964
19650058603	Analysis of electron-ion mixing in ion engines quarterly report no. 2, 1 aug. - 31 oct. 1964	1964
19650058604	Investigation of the effects of vacuum on liquid hydrogen and other cryogenes used on launch vehicles final summary report, 26 jun. 1963 - 25 nov. 1964	1964
19650058605	Behavior of various adsorbates on metal substrates quarterly progress report no. 2, 1 sep. - 30 nov. 1964	1964
19650058606	Post-saturn launch vehicles study. phase iii- class iv vehicles, volume iii supplement, part 2b final report	1964
19650058607	The effect of temperature on the formation and annihilation of positronium in polymers, part ii final report	1964
19650058608	Visibility laboratory activities progress report, oct. - dec. 1964	1964
19650058610	Studies of thermionic materials for space power applications quarterly progress report, sep. 1 - nov. 30, 1963	1964
19650058613	Design of a mars class radiation shield using a superconducting magnet	1964
19650058614	Closed-cycle systems thermodynamic analysis, part i	1964
19650058616	Improved coatings for glass monofilaments monthly progress report no. 8, 20 nov. - 20 dec. 1964	1964
19650058617	Initiator-igniter compatibility program for the s-1 retro rocket motor system final progress report, jun. 1963 - sep. 1964	1964
19650058618	Utilization of habrobracon and artemia as experimental materials in bioastronautic studies status report, 1 jun. - 1 dec. 1964	1964
19650058620	Teflon insulated, high temperature hookup and general purpose wire test report 7-0074	1964
19650058621	Ion rocket engine development quarterly progress report no. 3	1964
19650058622	<kramer's radiation studies, atomic line radiation, and radiation tables< quarterly progress report, period ending 7 dec. 1964	1964
19650058623	A study for the development of procedures for isolation of chemoautotrophic and related microorganisms and the characterization of such microorganisms or agents from corroded metals quarterly progress report no. 2, 25 aug. - 24 nov. 1964	1964
19650058624	Studies in the field of turbulent boundry layer noise research second quarter progress report, 15 aug. - 14 nov. 1964	1964
19650058625	Materials sciences research third progress report, jan. 1 - sep. 30, 1964	1964
19650058626	The givens-householder method for the symmetric eigenvalue problem	1964
19650058627	Study of saturn s-1c recovery and reusability research and technology implications report	1964
19650058629	Leak test of x-20a pressurized compartments technical report, jan. - nov. 1964	1964
19650058630	Rocket propulsion system reliability and man rating analysis third quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650058631	Diffusion bonding of refractory metals and td nickel. volume i- development of diffusion bonding processes final report, jun. 1962 - oct. 1964	1964
19650058632	Diffusion bonding of refractory metals and td nickel. volume ii- evaluation of bonding processes technical report, jun. 1962 - oct. 1964	1964
19650058633	Microstructure studies of polycrystalline refractory oxides quarterly progress report, 28 jul. - 28 oct. 1964	1964
19650058634	A proposed "twisted-mode" technique for obtaining single-axial-mode oscillation in a ruby laser technical report no. 0592-1	1964
19650058636	Investigation of transient radiation damage in semiconductor materials quarterly progress report, 1 may - 31 jul. 1964	1964
19650058637	Quartz lamp radiant heat brazing of large refractory metal honeycomb sandwich panels final report, 10 jul. 1962 - 10 jul. 1964	1964
19650058638	Multidisciplinary research activity in the materials sciences with emphasis on inorganic non-metallic /ceramic/ materials semiannual status report no. 3, 1 jun. - 30 nov. 1964	1964
19650058639	A pilot program of lunar photography for precise selenodesy interim technical report no. 1-031	1964
19650058640	Report association module program document	1964
19650058641	Ultraviolet radiation study of rocket engine exhausts. volume 2- instrumentation	1964
19650058642	Arc-heater characterization of ablative plastics technical documentary report, 1 jul. 1962 - 15 may 1964	1964
19650058643	Vaporizing and endothermic fuels for advanced engine application quarterly progress report no. 6, sep. - nov. 1964	1964
19650058644	Thermoelectric temperature control for quartz crystals and crystal oscillators final progress report, 1 may 1963 - 30 apr. 1964	1964
19650058645	Friction and wear of materials in ultrahigh vacuum quarterly progress report, aug. 15 - nov. 15, 1964	1964
19650058653	Nuclear Pulse Space Vehicle Study. Volume II Vehicle System Performance and Costs	1964
19650058658	Hovering rocket system. volume 1- summary report on the preliminary design	1964
19650058665	Frequency analysis of radar return signals using a power spectral density function memorandum report no. 9	1964
19650058676	Multiple target random reticle techniques study final report, 1 jul. 1963 - 30 jun. 1964	1964
19650058682	Weapon system 133a- rocket motor m57a1, partial-burn firing number 5-10-18 final report	1964
19650058683	[No Title]	1964
19650058692	Synthesis of high energy solid oxidizer binder propellants quarterly progress report no. 7, apr. - jun. 1964	1964
19650058695	Microchannel image converter tube studies first quarterly report, 15 nov. 1963 - 15 feb. 1964	1964
19650058698	Ignition and thrust termination study	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058700	Launch Vehicle Study, Part III. Volume II- Launch Vehicle Design Final Technical Report	1964
19650058703	Snap 23 program- terrestrial radioisotope fueled thermoelectric power supply system quarterly report no. 1, 15 jun. - 31 oct. 1964	1964
19650058706	A preliminary description of experiments for manned military orbital systems	1964
19650058722	Research in fluoro-nitro compounds quarterly technical summary report, 1 apr. - 30 jun. 1964	1964
19650058724	Controllable solid propellant rocket motor second annual report, 1963	1964
19650058727	Extended Apollo Systems Utilization Study, Apollo X. Volume 10- Service Module SPS Engine Final Report	1964
19650058729	Nuclear Pulse Space Vehicle Study. Volume I- Summary	1964
19650058734	Extended Apollo Systems, Utilization Study. Volume 7- Fuel Cells Final Report	1964
19650058736	Lace-aces heat exchanger design study final report, 1 jul. 1963 - 15 apr. 1964	1964
19650058739	Plane strain fracture toughness of 5a1-2.5sn eli titanium and 2219-t87 aluminum alloys at cryogenic temperatures progress report, sep. - oct. 1964	1964
19650058741	Optical parameters of miniature lamps	1964
19650058742	Radio frequency intermodulation	1964
19650058743	Results of testing the hpc-abl x-258 e-2 /s/n rh-100/ solid-propellant rocket motor under the combined effects of simulated altitude and rotational spin	1964
19650058744	Injection laser study fifth quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650058745	High power gas laser in the visible first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650058746	Fundamental research on advanced oxidizers final report, 1964 and quarterly report no. 8, sep. - nov. 1964	1964
19650058748	Photographic material suitable for in-flight processing fifth quarterly progress report, 15 jun. - 15 sep. 1964	1964
19650058749	Research and development of cathodoluminescent phosphor with excitation-time-dependent color third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19650058750	Fabrication of a ceramic-coated plastic radome by electrophoretic deposition final report, 22 jan. 1963 - 31 jul. 1964	1964
19650058751	An integral solution to the two-dimensional high speed wake	1964
19650058752	Development of pada rocket launcher system final report	1964
19650058753	A hyperbaric chamber for small animals	1964
19650058755	Titania filled ablative plastics technical documentary report, aug. 1960 - mar. 1964	1964
19650058756	A study to improve the low-level meteorologi- cal simulator third quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650058757	X-15a-2 drop tank explosive separation device qualification test data	1964
19650058761	Studies of development of stress response mechanisms progress report, jul. 1 - dec. 31, 1964	1964
19650058762	Jpl solar thermionic converters final report	1964
19650058763	Components irradiation test no. 3- field effect transistors	1964
19650058766	In-orbit elastic response problems of satellites with extreme pointing accuracy requirements	1964
19650058767	Chemical strengthening of ceramic materials second quarterly report	1964
19650058768	Feasibility study of shielding techniques fifth quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650058769	Manufacturing process development for high strength steels. phase ii- process development 18ni-co-mo maraging and 9ni-4co quench and temper high strength steels interim engineering progress report, 1 jul. - 1 oct. 1964	1964
19650058770	Closed-cycle systems thermodynamic analysis, part ii	1964
19650058771	Experimental determination of transport properties of high temperature gases annual summary report, 26 nov. 1963 - 25 nov. 1964	1964
19650058773	Human engineering final report- mariner c/agera d human engineering	1964
19650058774	Extended apollo systems utilization study, apollo x. volume 6- environmental control system final report	1964
19650058775	Extended apollo systems utilization study, apollo x. volume 8- alternate power source final report	1964
19650058776	Extended apollo systems utilization study. volume 9- cryogenic storage system final report	1964
19650058777	Extended apollo systems utilization study. volume 13- the adaptation of the apollo reaction control system propellant tanks for apollo x missions final report	1964
19650058778	Extended apollo systems utilization study, apollo x. volume 17- stabilization and control system final report	1964
19650058779	Extended apollo systems utilization study. volume 18- apollo x communications and data subsystem study final report	1964
19650058780	Space vehicle propulsion compartment fire hazard investigation, volume ii	1964
19650058781	Circular arrays of beverage antennas for high frequency direction finding interim development report, 4 jun. - 3 sep. 1964	1964
19650058783	Experiments with cones in low-density flows at mach numbers near 2	1964
19650058795	Analytical study to define an experimental program for the evaluation and optimization of multi-element large aperture arrays final report, 1 mar. - 30 sep. 1964	1964
19650058796	Satellites and probes program progress report.for nov. 1964	1964
19650058799	Development of nondestructive testing techniques for large solid rocket nozzles second interim report, 1 oct. - 31 dec. 1964	1964
19650058808	Long-term isolation "stress" - a different view	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058811	Predicted re-entry performance of a trail- blazer ii vehicle	1964
19650058812	Grating groove formation in au and au-ge alloys quarterly report no. 1, 2	1964
19650058813	Grating groove formation in au and au-ge alloys - quarterly report no. 1	1964
19650058814	Grating groove formation in au and au-ge alloys - quarterly report no. 2	1964
19650058815	Technique for measuring profiles of microscopic grooves	1964
19650058818	The shock and vibration bulletin	1964
19650058819	Prediction of launch vehicle transonic buffeting from wind tunnel data	1964
19650058820	Spacecraft adapter response to fluctuating pressure	1964
19650058821	Subharmonic behavior of thin-walled elastic beam	1964
19650058822	Prediction and measurement of vibration response of the pegasus micrometeoroid measuring satellite	1964
19650058823	Spectra of nonstationary random processes	1964
19650058824	Response of multi-degree-of-freedom system to random excitation	1964
19650058825	Structural response to a velocity-dependent stochastic excitation	1964
19650058826	Vibrations of a cantilever beam considering a non-rigid wall support	1964
19650058827	Digital computer application to nonlinear vibrations	1964
19650058828	Integration of a computer into the design process	1964
19650058829	Dynamic response analysis of complex mechanical systems	1964
19650058830	Considerations of captive firing vibration on nonoperating propulsion system components	1964
19650058831	A practical application of a digital computer program during the design phase of an aerospace structure	1964
19650058832	Static and Dynamic Analysis by a Matrix Force Method	1964
19650058833	Sonic and ultrasonic vibration sensitivity of x-band microwave components	1964
19650058834	Designing electronic equipment for the combined random and sinusoidal vibration environment	1964
19650058835	Designing mechanisms for nonlinear dynamic effects	1964
19650058836	Packaging electronics for 250,000-g applications	1964
19650058837	Combined analytical and experimental approach for designing and evaluating structural systems for vibration environments	1964
19650058838	Thor 20-cycle longitudinal oscillation study	1964
19650058839	Low frequency structural dynamics of the saturn vehicles	1964
19650058840	Design and test of an airjet acoustic noise generator to reproduce a missile flight environment	1964
19650058841	Graphical method of calculating rms values for shaped random vibration spectra	1964
19650058842	Design evaluation through vibration test program	1964
19650058843	Designing for the dynamic environment of the gemini inertial platform	1964
19650058844	Gun firing environment and its relation to structural and equipment integrity	1964
19650058845	Reduction of noise and vibration in military vehicles	1964
19650058846	Designing for the dynamic environment practical design techniques	1964
19650058847	Rain repellent interim report, 16 jul. - 15 oct. 1964	1964
19650058848	Hydrothermal growth of large ruby single crystals interim engineering progress report, 1 jul. - 30 sep. 1964	1964
19650058849	The shock and vibration bulletin	1964
19650058850	Recent advances in mechanical impedance instrumentation and applications	1964
19650058851	Mechanical impedance of spacecraft structures	1964
19650058852	Preliminary study of an experimental method in multidimensional mechanical impedance determination	1964
19650058853	Effect of technique on reliability of mechanical impedance measurement	1964
19650058854	Resonance frequency of large solid propellant rocket motor determined by mechanical impedance	1964
19650058855	Use of mechanical impedance in dynamic measurement of solid rocket motors	1964
19650058856	Predicting maximum response of a vibration- excited elastic substructure	1964
19650058857	Determination of system fixed base natural frequencies by shake tests	1964
19650058858	Experimental program to determine dynamic environment of launch vehicles	1964
19650058859	Small displacement kinematic analysis of bar linkages	1964
19650058860	A practical method for predicting acoustic radiation or shock excursions of navy machinery	1964
19650058861	A steady state response analysis of complex structures using impedance coupling techniques	1964
19650058862	Investigation of a rational approach to shock isolator design	1964
19650058863	Vibration isolation systems for electronic equipment in the b-52 airplane low-level environment	1964
19650058864	Design and development of low-frequency vibration isolators which exhibit low shock amplification characteristics	1964
19650058865	Protecting the "eyes" of the oao satellite	1964
19650058866	Design of focalized suspension systems	1964
19650058867	Elementary considerations of shock spectra	1964
19650058868	Spectral characteristics of some practical variations in the half-sine and saw-tooth pulses	1964
19650058869	Use of shock for low frequency vibration testing	1964
19650058870	Spacecraft shocks induced by electro-explosive devices	1964
19650058871	Simulation of the pyrotechnic shock environment	1964
19650058872	Test techniques for increasing the acceleration and velocity capabilities of an 18-inch pneumatic actuator	1964
19650058873	Five-million pound shock testing facility	1964
19650058874	Shock testing with explosive gases	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058875	Hand-held shock tester wox-6a	1964
19650058876	Design and development of a hydraulic shock test machine programmer	1964
19650058877	Shaping shock acceleration waveforms for optimum electrodynamic shaker performance	1964
19650058878	Shock testing with vibration systems	1964
19650058879	Hyge shock facility improvements	1964
19650058880	Research on fundamental interactions in high temperature gases final technical report, 16 sep. 1963 - 16 sep. 1964	1964
19650058882	Low-cost microcircuit networks quarterly progress report, 1 jul. - 30 nov. 1964	1964
19650058883	Extra flexible tactical cable second quarterly report, 1 jul. - 30 sep. 1964	1964
19650058884	Nonlinear semiconductors at millimeter frequencies sixth quarterly report, 1 sep. - 30 nov. 1964	1964
19650058885	Millimeter wavelength power generation utilizing the phreatron effect quarterly progress report no. 6, 1 sep. - 1 dec. 1964	1964
19650058889	Evaluation of imagery screening procedures first quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650058894	Low noise antenna techniques technical documentary report, 28 jun. - 28 aug. 1964	1964
19650058895	Filter crystals final report, 1 jul. 1962 - 1 oct. 1964	1964
19650058896	Semiconductor microwave amplitude and phase modulator sixth quarterly report, aug. 16 - nov. 15, 1964	1964
19650058897	High-power traveling-wave multiple-beam klystron ninth quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650058898	Development of an indirectly actuated, phototropic, flash blindness, eye protective goggle	1964
19650058899	An evaluation of a shock wave valve operated by compressed air-propellant combinations	1964
19650058900	Atmospheric lagrangian wind statistics from fixed point measurements	1964
19650058901	An investigation of the rotational and aerodynamic characteristics of high aspect ratio rotors	1964
19650058907	Physical, chemical, and mechanical characteristics of a polyphenyl ether technical documentary report, jan. 1962 - jun. 1964	1964
19650058910	Casting and hot working of sound large diameter beryllium ingots, phase iii interim technical documentary progress report /final/, 1 apr. - 1 sep. 1964	1964
19650058912	Semi-rigid or non-rigid structures for re-entry applications seventh interim engineering progress report, 16 sep. - 15 dec. 1964	1964
19650058913	Development of improved cutting tool materials interim progress report, 1 sep. - 30 nov. 1964	1964
19650058914	The oscillation of cylinders and spheres in liquid helium ii technical documentary report, jul. 1963 - jul. 1964	1964
19650058915	Sputtering mechanisms under ion propulsion conditions final report	1964
19650058916	Crystal chemistry of ceramic dielectrics first tertiary report, 22 jun. - 21 sep. 1964	1964
19650058917	A study of array beam switching techniques first quarterly progress report	1964
19650058920	Novel microwave filter design techniques quarterly progress report, 1 jul. - 30 sep.	1964
19650058922	Official sea level high and low temperature tests of the t64-ge-8 "b" turboprop engine final report	1964
19650058923	Evaluation of the sea-level extreme temperature starting performance of a boeing model t50-bo-4 engine equipped with a bendix corp. model dp-4a fuel control and model al-j4 speed limiter final report	1964
19650058928	Development of a 1200 deg f radome summary engineering report no. 1, 1 apr. 1963 - 31 oct. 1964	1964
19650058929	Interference reduction techniques for receivers quarterly report no. 4, 1 jul. - 30 sep. 1964	1964
19650058930	Small signal functional circuits quarterly progress report no. 1, 1 jul. - 30 sep. 1964	1964
19650058931	High power varactor for uhf transmission quaterly progress report no. 1, 1 jul. - 30 sep. 1964	1964
19650058932	Investigation of combustion instability with liquid hydrogen, cold gaseous hydrogen, and liquid oxygen propellants, phase ii quarterly progress report no. 1, 15 jun. - 15 sep. 1964	1964
19650058933	Development of composite ionizer materials third quarterly report, 1 sep. - 30 nov. 1964	1964
19650058934	The effect of high pressure on the conductivity of vapors third quarterly report, aug. 1 - oct. 31, 1964	1964
19650058936	Medium space vehicles programs- discrepancy analysis of preflight equipment failures, november 1964	1964
19650058937	Plane strain fracture toughness of 5a1-2.5sn eli titanium and 2219-t87 aluminum alloy weldments quarterly progress report	1964
19650058938	A study of magnetic rotor materials for hysteresis motors, september 28, 1963 - september 30, 1964	1964
19650058939	Highly ionized spectra of nitrogen and oxygen status report no. 4, 1 sep. - 30 nov. 1964	1964
19650058942	Research and development of manufacturing methods for pbi fibers and fibrous structures of pbi yarns interim progress report, 8 aug. - 8 nov. 1964	1964
19650058943	Investigation of the photopolymerization process quarterly report, 14 aug. - 13 nov. 1964	1964
19650058944	Development of electron gun with non- intercepting grids quarterly progress report, 28 aug. - 28 nov. 1964	1964
19650058945	Filament winding bibliography- evaluated and annotated	1964
19650058946	Techniques for minimizing corrosion of 7075 aluminum alloy plate containing high strength cadmium plated fasteners	1964
19650058947	Experiments on x ray protection quarterly technical status report, 1 aug. 31 oct. 1964	1964
19650058948	Electron tube research seventh quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650058949	Analysis of stress by the cracking varnish method	1964
19650058950	Determination of radiation exposure from overexposed appo3 microdosimeter	1964
19650058956	Argo d-4 weight, center of gravity and moment of inertia data	1964
19650058957	An experiment to measure antenna noise temperature at 2200 megacycles per second utilizing a trailblazer re-entry vehicle	1964
19650058958	Laser pumping sources third quarterly technical report	1964
19650058960	Launch vehicle systems cost model- user's program manual	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058962	Optical and thermal properties tests on alodine-coated aluminum final report	1964
19650058965	Buckling of ring stiffened orthotropic cylinders in axial compression	1964
19650058968	Biosynthesis of an extracellular polysaccharide by anabaena flos-aquae a-37	1964
19650058970	Elastic constants for filament-wound cylinders	1964
19650058972	High density behavior and dynamical stability of neutron star models	1964
19650058973	Supernumerary rainbows in molecular scattering	1964
19650058975	Thermal conductivity of high polymers	1964
19650058976	Rate and mechanism of the homogeneous d/h substitution reaction between c2h2 and d2, as studied in a shock tube	1964
19650058977	A measurement of the primary proton flux from 10 to 130 mev	1964
19650058978	New lines of multiply ionized oxygen and nitrogen status report, 1 dec. 1963 - 29 feb. 1964	1964
19650058979	The emission of the quiet corona at meter wavelengths	1964
19650058980	The application of transmission electron microscopy to polymer thin sections. i- observations on nylon-66, bulk and filament forms	1964
19650058981	A general theory on multivariable sampled-data control systems	1964
19650058983	Ionization of Helium, Neon and Nitrogen by Helium Atoms	1964
19650058985	Dispersion strengthening models	1964
19650058989	The high energy electrons of the galactic halo	1964
19650058991	The p-states of systems of three coulombic particles	1964
19650058992	Temperature measurements for shock heated powdered solids scientific report no. 1	1964
19650058993	Paleomagnetic results from the lower permian dunkard series of west virginia	1964
19650058994	Circulation at Ionospheric Levels	1964
19650058995	A study in the tantalum-carbon system	1964
19650058996	A basic study of spherically blunted cones including force and moment coefficient correlation and air-helium simulation studies	1964
19650058998	Resonant excitation in helium ion-atom collisions	1964
19650059001	An attempt at quantitation of the sharp light-induced epr signal in photosynthetic materials	1964
19650059007	Optimal Control of Asynchronous Discrete-Time Systems	1964
19650059008	A note on the transformation to canonical /phase variable/ form	1964
19650059014	On the distribution of rises and falls in a continuous random process	1964
19650059017	The Mechanism of Neck-Drawing in Crystalline High Polymers	1964
19650059018	Kinetic Theory of the Electron Gas in a Positive Background. II: Non-Equilibrium Theory	1964
19650059020	The crystal structure of pyridinium dicyanomethylide, c8h5n3	1964
19650059021	Stimulated brillouin scattering and coherent generation of intense hypersonic waves	1964
19650059025	<high-energy gamma-ray satellite-borne experiment> final report	1964
19650059026	Explorer xi experiment on cosmic gamma ray	1964
19650059027	Non-aqueous silver-halide rapid access photography quarterly report, 1 jul. - 30 sep. 1964	1964
19650059030	Uncoated SPO Propellant Development Monthly Status Report No. 3	1964
19650059031	Uncoated SPO Propellant Development Monthly Status Report No. 4	1964
19650059131	Technological Development of Throttling a Hybrid Propulsion System Second Monthly Letter Report, 1 - 31 Aug. 1964	1964
19650059138	Improved insulators for rocket motors quarterly progress report, jun. 1 - aug. 31, 1964	1964
19650059160	Proceedings of the eighteenth annual frequency control symposium	1964
19650059161	Professor cady's work in crystal physics	1964
19650059162	Developments in ultrasonics	1964
19650059163	Piezoelectricity - frequency control	1964
19650059164	Energy trapping and the design of single and multi-electrode filter crystals	1964
19650059165	The growth of cultured quartz from solutions containing chemical additives	1964
19650059166	Aging analysis of at-cut quartz resonators of natural, cultured, and swept varieties	1964
19650059167	Design and performance of a new series of cold welded crystal unit enclosures	1964
19650059168	A new design for microminiature crystals	1964
19650059169	Glass enclosed crystal units for temperature compensated oscillators	1964
19650059170	New developments in glass enclosed crystal units	1964
19650059171	Reliability of quartz crystal units	1964
19650059172	Frequency and timing control requirements for future military communication equipment	1964
19650059173	High precision frequency and clock synchronization techniques on an international basis	1964
19650059174	A discussion of the properties of four molecular beam detectors	1964
19650059175	Hydrogen maser work at usael	1964
19650059176	Recent developments in hydrogen masers	1964
19650059177	The npl frequency standard	1964
19650059178	Recent progress in cesium beams at national	1964
19650059179	A modern solid-state portable cesium beam frequency standard	1964
19650059180	Progress in the development of a cesium beam oscillator for aerospace guidance	1964
19650059181	A militarized solid state cesium beam frequency standard	1964
19650059182	Vlf frequency synchronization provided with fsk capability	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059183	Quantity testing of moderate-precision crystal units	1964
19650059184	On the control of the temperature coefficient of frequency of at-crystals	1964
19650059185	Design considerations for crystal impedance meters	1964
19650059186	Comparison of various methods used for determination of quartz crystal parameters in the frequency range 1 to 30 mc	1964
19650059187	Advances in crystal oscillator and resonator compensation	1964
19650059188	The synthesis of crystal-capacitor tandem lattice all-pole bandpass filters on the insertion-loss basis	1964
19650059189	Crystal filter techniques	1964
19650059190	A frequency synthesis technique using digital controlled division	1964
19650059191	Measurement and in-process control of small bores fifth interim engineering progress report, 15 sep. - 15 dec. 1964	1964
19650059192	Hybrid piezoelectric devices second quarterly report, 16 aug. - 15 nov. 1964	1964
19650059193	Noise measurements as a tool in electron device research seventh quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650059199	Error analysis of detailed wind profile data measured by the smoke trail reduction procedure in use at msfc	1964
19650059200	Epitaxial film growth interim technical documentary progress report no. 8, 10 jun. - 9 sep. 1964	1964
19650059202	Asset - summary of structural ground - asv	1964
19650059203	Non-equilibrium streamtube flow	1964
19650059205	The measurement of dynamic bulk modulus using an ultrasonic interferometer	1964
19650059206	Evaluation of c-130 aircraft low altitude parachute extraction system final report	1964
19650059209	Speech analysis techniques quarterly technical status report, aug. 1 - oct. 31, 1964	1964
19650059211	Advanced shielding technology for nap applications technical documentary report, oct. 1963 - sep. 1964	1964
19650059212	Research studies of high-density plasmas twelfth quarterly progress report /final/, 15 jun. - 15 sep. 1964	1964
19650059213	Camera tube with internal image-motion compensation seventh quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650059215	Manufacturing process development for rolling cast slabs of columbium /cb-752/ alloy interim engineering progress report no. 1, 1 jun. - 31 aug. 1964	1964
19650059216	Study of bacterial flora of the alimentary tract of chimpanzees final report, jun. 1, 1963 - oct. 10, 1964	1964
19650059242	Monthly project progress report, month ending 15 december 1964	1964
19650059248	Deleted record	1964
19650059250	Annular nozzle program quarterly report, 8 sep. - 30 nov. 1964	1964
19650059255	<low temperature oxidation literature review< first semiannual progress report	1964
19650059256	Life in extreme environments progress report, jun. - dec. 1964	1964
19650059259	The Effect of Zero Gravity and Radiation on the Growth of Tissues in Vitro Final Report	1964
19650059261	Long lived electromagnetic relays seventh quarterly report, 15 aug. - 15 nov. 1964	1964
19650059263	Depressed collectors for crossed-field amplifiers	1964
19650059265	Drag characteristics of several two-body systems at transonic and supersonic speeds	1964
19650059266	Drag characteristics of plates, cones, spheres and hemispheres in the wake of a forebody at transonic and supersonic speeds	1964
19650059267	Data display study quarterly report no. 7, 21 jun. - 20 sep. 1964	1964
19650059268	Dynamic response analysis of plus gx impact on man	1964
19650059269	Tropical service life of electronic parts and materials fifth quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650059270	Sorption of hydrogen by glasses and ceramics seventh quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650059273	The development and evaluation of tungsten- base alloys progress report, 10 jul. - 10 oct. 1964	1964
19650059274	Wave activity in the superior olivary complex of the cat	1964
19650059275	Thermal stimulation of experimentally vasoconstricted human skin	1964
19650059276	Effect of irradiation on ferrokinesis of cross-circulated dogs	1964
19650059278	Transonic wind tunnel tests of static pressure probes designed to sense free-stream static pressure	1964
19650059279	The structure of magnetic fields and their variations in the region of solar flares <структура магнитных полей и ее изменения в районе солнечных вспышек>	1964
19650059280	Studies of the fatigue behavior of butt-welded joints in hy-80 and hy-100 steels	1964
19650059281	Pyrolytic reinforcements for ablative plastic composites annual summary report, mar. 15, 1963 - mar. 15, 1964	1964
19650059287	<development of a low level multimode electronic commutator for use in the flexible commutation system< final report	1964
19650059288	Design criteria for planetary spacecraft to be sterilized by heating second quarterly progress report	1964
19650059290	Characterization study of hydrazinium diperchlorate final technical report, apr. - jul. 1964	1964
19650059291	Optical satellite tracking program semiannual progress report no. 11, jul. 1 - dec. 31, 1964	1964
19650059293	On the ablation coefficient of meteors research report no. 10	1964
19650059295	Survey/study of the interconnection problem in microelectronics second monthly letter report, apr. 24 - may 31, 1964	1964
19650059296	Structural optimization of axially compressed cylinders stiffened externally with rings and/or stringers of rectangular cross- section	1964
19650059297	Morl phase iia mid-term briefing- crew requirements and human factors	1964
19650059299	Supersonic wind tunnel tests of several outrigger rocket sled models at small angles of yaw	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059302	Flight trails of the bendix/elliott polar path compass	1964
19650059303	Analysis of electric circuits with the aid of a digital computer	1964
19650059304	The applications of aeroelastic models in wind-tunnel tests	1964
19650059305	Study for research and development of a water- vapor electrolysis unit first quarterly report, jul. 1 - sep. 30, 1964	1964
19650059307	Fluoroaromatic polymers. oxymethylene-linked materials	1964
19650059308	Flight instrument simulator no. 2 /f.i.sim.2/. part 3- axis transformation	1964
19650059309	The determination of maximum detection range by television	1964
19650059312	H. f. anti-multipath device /adapticom/ final report, 18 may 1963 - 20 jun. 1964	1964
19650059313	Reliability assessment of microelectronic structures by probabilistic modeling final report, 27 sep. 1963 - 24 sep. 1964	1964
19650059314	The distribution of sporadic meteor radiants- radio meteor project research report no. 11	1964
19650059315	A study of redundancy removal for saturn telemetry data technical report no. 5	1964
19650059319	High power magnetically confined plasma duplexer quarterly report no. 5, 1 jun. - 31 aug. 1964	1964
19650059320	High power magnetically confined plasma duplexer quarterly report no. 6, 1 sep. - 30 nov. 1964	1964
19650059321	Feasibility study of metal base transistor, phase i final report, jul. 1 - sep. 30, 1964	1964
19650059322	Electroacoustic digital computer peripheral memory first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650059323	Investigation of microwave phase and time delay equalizers first quarterly report, 1 jun. - 31 aug. 1964	1964
19650059324	Reliability of clusters of solid rocket motors final report	1964
19650059325	Experimental determination of neutron absorption cross sections of liquid hydrogen technical summary report	1964
19650059326	<s-iv b majority voting actuator< progress report, jul. 1964 - jan. 1 1965	1964
19650059327	Cold wall heat rates for the saturn v camera capsule	1964
19650059331	Wind tunnel measurements of the far-field pressures due to some lifting, slender delta wings	1964
19650059332	The preparation and chemistry of difluoroamino sulphur pentafluoride	1964
19650059334	Power system studies for army electrical energy distribution and transmission systems /eedat/	1964
19650059335	<fiber optics- vacuum tightness, optical properties, mounting and sealing techniques< final report	1964
19650059336	Wind-tunnel investigation of the lateral- directional stability and control characteristics of a 1/11 scale powered model c-2a airplane	1964
19650059337	The study of the utilization of the saturn ib instrument unit to support space experiments final report	1964
19650059338	Study effect of engine ignition on air flow over vehicle technical summary report	1964
19650059341	Biochemical laboratory apparatus for use in space cabins	1964
19650059343	Quarterly research review no. 10, 1 july through 30 september 1964	1964
19650059346	Low-voltage arc studies sixth quarterly progress report, 1 sep. - 1 dec. 1964	1964
19650059347	Tactical atomic clock and frequency standard	1964
19650059348	Long range propagation experiment	1964
19650059349	Long range propagation experiment technical summary report, apr. - jun. 1964	1964
19650059352	Notes on the third international mass spectrometry conference held at paris, france, september 14th-18th, 1964	1964
19650059353	A theoretical approach to the extrapolation of spontaneous ignition results	1964
19650059354	High voltage transistorized power supply for electrostatic image intensifier tubes final technical report	1964
19650059356	Magnetic induction gyroscope research and development quarterly technical report no. 2, 15 jul. - 15 sep. 1964	1964
19650059358	Manufacturing process development for rolling cast slabs of columbium /cb-752/ alloy interim engineering progress report, 1 sep. - 30 nov. 1964	1964
19650059359	Cryogenic landing stage for the lunar excursion module, phase ii	1964
19650059360	Flight test evaluation of a two axis side hand controller in a high performance aircraft	1964
19650059361	Evaluation of vhf transmitter coupler type fa-5266 final report	1964
19650059362	Development of analytical techniques for the determination of minute quantities of selected elements in beryllium interim report	1964
19650059363	Basic research in thermionics- low work function collectors final report, 1 nov. 1963 - 31 oct. 1964	1964
19650059364	Interaction of columnar starting vortex with a propagating shock wave interim technical report	1964
19650059366	Plasmas in semiconductors and semimetals, a review	1964
19650059367	Development of manufacturing processes for reinforced plastic solid propellant rocket nozzles interim engineering progress report no. 3, 15 feb. - 15 nov. 1964	1964
19650059370	Response of various material media to high velocity loadings. i- linear elastic and viscoelastic materials	1964
19650059371	Development of epitaxial technology for microelectronics and large area device application quarterly report, 1 aug. - 31 oct. 1964	1964
19650059372	Investigation of long range intercept and analysis techniques first quarterly report, 1 jul. - 31 sep. 1964	1964
19650059373	Research study for determination of liquid surface profile in a cryogenic tank during gas injection quarterly progress report no. 2, sep. 18 - dec. 17, 1964	1964
19650059375	Communication coverage by satellites	1964
19650059378	Human a- and b-like antigens on red cells of marmosets final report, nov. 1963 - nov. 1964	1964
19650059381	Influence on the organism of long-term inhalation of oxygen at normal barometric pressure	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059382	Investigate the properties of glasses transmitting in the 3 to 5 and 8 to 14 micron windows final technical summary report, 1 jun. 1963 - 31 aug. 1964	1964
19650059384	Pressure loss tests on a tip-turbine volute model having a goose-neck outlet passage fitted with nozzle blades	1964
19650059385	Development and delivery of a very low-noise traveling-wave tube amplifier fifth quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650059386	An examination of the potential accuracy of a navigation technique for north atlantic flights based on loran a and a poppler/g.m. compass automatic dead reckoning system, february - december 1963	1964
19650059390	The spanwise perturbation of two-dimensional boundary layers	1964
19650059395	Studies of the flow fields created by single vertical jets directed downwards upon a horizontal surface	1964
19650059397	An investigation into mixing between by-pass air and turbine exhaust gases. part iii- experimental results at a by-pass ratio of 1.3	1964
19650059400	Supersonic wind tunnel measurements of the loads and internal pressure distributions on internally parallel ducts at incidence	1964
19650059401	Notes on- /1/ the 5th symposium on engineering aspects of magnetohydrodynamics. /2/ a c.a.a.r.c. meeting on laboratory studies of thermally ionised gas	1964
19650059403	Joint symposium on modern methods of organic compounds	1964
19650059404	Notes on the fundamental problems involved in determining true north by gyroscopic methods	1964
19650059405	A low power high efficiency switch type regulator	1964
19650059409	The civil aircraft airworthiness data recording programme	1964
19650059412	Estimates of the lift reduction due to boundary layer on two-dimensional aerofoils	1964
19650059413	Notes on the 148th american chemical society meeting, chicago, illinois, aug. 30-sep. 4, 1964	1964
19650059416	The calculation of aircraft motion in design rolling manoeuvres	1964
19650059418	Visit to america july 1962, to discuss the machining of ultra high strength steels and other associated metallurgical problems	1964
19650059419	Memory tester for the di/an miniature magnetic core memory system	1964
19650059420	Refractory alloy foil rolling development program, phase v interim report, 1 jun. -	1964
19650059421	Distribution and frequency dependence of unintentionally generated man-made vhf/uhf noise in metropolitan areas	1964
19650059422	High specific impulse thermal arc jet thruster technology interim technical progress report, 1 apr. - 15 oct. 1964	1964
19650059423	Ocular effects of laser radiation, part i	1964
19650059424	Array study, project vt/036	1964
19650059425	Research and development of titanium rocket motor case fifteenth quarterly report, jul. 1 - sep. 30, 1964	1964
19650059426	Manufacturing methods for silicon dendrite solar cells interim engineering progress report, 1 aug. - 31 oct. 1964	1964
19650059428	Photoelectromagnetic infrared detector	1964
19650059429	Engine development trials of the 9ks11000 rocket engine for the black brant iii	1964
19650059430	Evaluation of uhf transmitter coupler type fa-5267 final report	1964
19650059443	Pulse doppler seeker quarterly progress report, aug. - oct. 1964	1964
19650059446	Amrad fourth stage be-3-a5 rocket motor quarterly progress report no. 2, 20 jul. - 20 oct. 1964	1964
19650059450	Dynamic analysis for maintainability, reliability and effectiveness	1964
19650059451	Gaseous ionization coefficients final report, may 1, 1959 - apr. 30, 1963	1964
19650059452	High temperature fibrous insulations technical documentary report, 15 jun. 1963 - 31 jan. 1964	1964
19650059453	A new infrared to visible radiation converter with a photronic cell and a germanium photodiode	1964
19650059454	Research investigations of high peak power laser techniques final progress report, 1 jul. 1962 - 15 jul. 1964	1964
19650059455	Research on ferret associative memory interim engineering report, 31 aug. - 30 nov. 1964	1964
19650059456	Ionospheric research fourth quarterly progress report, 12 jun. - 30 sep. 1964	1964
19650059457	Research on mitigation of spline wear by means of lubrication quarterly progress report no. 2, aug. 15 - nov. 15, 1964	1964
19650059458	Techniques employed in two methods of field testing missile and rocket infrared fuzes - the journal of the janaf fuze committee /joint army-navy-air force/ serial no. 36	1964
19650059459	Galactic morphology and scale	1964
19650059460	Infrared image converter quarterly report, 1 may - 31 jul. 1964	1964
19650059461	Improved organic coatings for temperature control in a space environment technical documentary report, 1 aug. 1962 - 30 nov. 1963	1964
19650059462	On the identification of systems and the unscrambling of data-ii- an inverse problem in radiative transfer	1964
19650059463	Sampling tests of five aircraft batteries, lead acid, type ms25211-1 /wep/, manufactured by gould-national batteries, inc.	1964
19650059464	Nonequilibrium, viscous, hypersonic air flow in the vicinity of the stagnation point, analysis	1964
19650059465	Summary of sherwood activities supplementary report	1964
19650059466	Study of laser application to velocity measuring system, phase ii technical summary report /final/	1964
19650059469	Further analysis of measurements of leading edge vortex position on a delta wing oscillating in wave	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059470	Initial assessment of hermetically sealed nickel-cadmium /vo-3-hs/ cells manufactured by gulton industries inc.	1964
19650059473	A flight assessment of height loss during instrument overshoot in the comet mk. 3b aircraft	1964
19650059481	Optical guidance feasibility study eighth quarterly report	1964
19650059482	Extended apollo systems utilization study. volume ii- command module rcs engine final report	1964
19650059483	Extruding and drawing tantalum alloys to complex thin h section interim engineering progress report, 1 jul. - 30 sep. 1964	1964
19650059484	X-20 /dyna-soar/- status of the hydrogen cooling equipment as of the stop work order date, december 15, 1963	1964
19650059485	Development of magnesium-lithium alloys for structural applications final technical report, 5 apr. 1963 - 5 apr. 1964	1964
19650059486	Ssb and vhf crystal filters quarterly report 15 dec. 1963 - 15 mar. 1964	1964
19650059487	Research and development of open-cycle fuel cells first quarterly progress report, 15 aug. - 15 nov. 1964	1964
19650059488	Systems study for lunar reconnaissance probe, part i final report	1964
19650059489	Delta and improved delta design and capabilities	1964
19650059496	Thin film microcircuit interconnections second quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650059499	Development of a 2kw x-band crossed-field amplifier fifth quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650059500	International symposium on magnetohydrodynamic electrical power generation, paris, 6 - 11 july 1964	1964
19650059501	Research in the field of liquid-metal- lubricated bearings technical documentary report, jan. 1963 - dec. 1965	1964
19650059505	A characterization of machine mappings scientific report no. 11	1964
19650059506	Slow motion of a sphere in a compressible viscous fluid	1964
19650059507	High energy physics in denmark, norway and sweden	1964
19650059508	The variations in upper-atmosphere density between sunspot maximum and minimum	1964
19650059509	Techniques for utilization of synoptic whole- sky photography in satellite data interpretation, antarctic meteorological satellite analyses final report	1964
19650059510	Tree /transient radiation effects on electronics/ handbook	1964
19650059511	Accelerated deterioration of elastomers quarterly progress report, feb. 1 - apr. 30, 1964	1964
19650059512	Solid-state maser research /optical/ quarterly report, 14 aug. - 14 nov. 1964	1964
19650059513	Study of high-power electrostatically focused klystrons quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650059515	Novel image-dissector camera tube quarterly progress report, 1 oct. - 30 dec. 1964	1964
19650059516	Characteristics of photon-coupled systems	1964
19650059517	European scientific notes, no. 18-12	1964
19650059518	Long range propagation experiment semiannual technical summary report no. 5, jan. - mar. 1964	1964
19650059519	Study of high-power electrostatically focused klystrons fourth quarterly progress report, 1 apr. - 31 jun. 1964	1964
19650059522	Development of analytical techniques for hydrocarbons in mineral aggregates quarterly status report no. 5, oct. - dec. 1964	1964
19650059525	The principle of the "phase locked loop" and its application in communication receivers for space travel <das prinzip des "phase locked loop" und seine anwendung in nachrichten-empfangern fur die raumfahrt->	1964
19650059526	The propagation of very fine cracks <o rasprostraneni mel'chaishikh treshchin->	1964
19650059530	An analysis of planned aircraft proximity and its relation to collision risk, with special reference to the north atlantic region 1965-71	1964
19650059531	A vacuum-insulated pipe to carry liquid hydrogen at high pressure	1964
19650059533	The production of a 20 micron water droplet spray in a sub-zero temperature airstream	1964
19650059535	Analysis of the ageing of rubbers by means of the hermetic viscometer <badania starzenia kauczukow za pomoco lepkosciomierza hermetycznego->	1964
19650059541	The george c. marshall space flight center's 14 by 14 inch trisonic wind tunnel technical handbook	1964
19650059542	A thermal equalization probe experiment for a satellite p63801 scientific report no. 4, jan. - oct. 1964	1964
19650059543	A systems investigation of the titan iii production transtage vehicle during dual- engine operation at simulated altitude conditions	1964
19650059544	Some properties of i.m.i. titanium 205 sheet	1964
19650059546	Propagation laser beams in atmosphere- a literature search	1964
19650059547	Satellite control facility bibliography of software documents	1964
19650059548	Space-vehicle stabilized-platform gimbal- system weight-reduction study. phase vi- environmental-control study on st 124 stabilized platform summary report, 1 jul. - 30 sep. 1964	1964
19650059549	Amorphous semiconductors quarterly report, 10 sep. - 9 dec. 1964	1964
19650059550	Intermediate reliability program plan, saturn s-ivb system	1964
19650059551	Study of microwave generation utilizing double-stream instabilities in am isotropic media quarterly progress report, 1 aug. - 30 nov. 1964	1964
19650059552	Application of weather radar to intensity of surface precipitation biannual report no. 2, 1 mar. - 31 aug. 1964	1964
19650059553	Design, development and fabrication for a digital measurement and recording system, model 577t1 progress report no. 2, 1 sep. - 30 nov. 1964	1964
19650059555	Epitaxial growth of silicon by thermal evaporation	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059556	Evaluation of maintenance coatings at titan ii site 373-5 corrosion control project directive cl 63-4	1964
19650059557	Aspheric optical elements program interim technical report, aug. 1 - nov. 1, 1964	1964
19650059558	Error analysis of the laser ring-a-round system	1964
19650059561	Quantum efficiency and radiative lifetime in p-type gaas technical report no. 5207-1	1964
19650059562	An airborne digital instrumentation system for navigational equipment trials. part 1- description	1964
19650059564	Cryogenic air sampler for high altitude application interim technical report, 1 nov. 1963 - 30 sep. 1964	1964
19650059565	Boeing t50-bo-4/8a engine performance and environmental tests	1964
19650059566	Explosive hardening of nickel maraging and manganese steels	1964
19650059567	Bending, buckling and curling of a heated elliptical plate	1964
19650059568	Millimeter wave generator fast wave undulation principle final report, jul. 1963 - jul. 1964	1964
19650059569	Contamination control plan	1964
19650059577	Project navsea thirteenth quarterly report, 9 dec. 1963 - 8 mar. 1964	1964
19650059579	The photoconductivity of some organic free radicals annual report, 1 oct. 1963 - 30 sep. 1964	1964
19650059580	Plasma-injection vacuum energy diverter /crowbar/ first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650059582	Propulsion engine test cell /j-4/ activation involving simulated altitude firings of the Ir91-aj-5 rocket engine technical documentary report, may 8 - jul. 31 1964	1964
19650059583	Detection of leakage in respiratory protective systems technical report, 1 may 1963 - 31 aug. 1964	1964
19650059584	Control-display study for orbital rendezvous. volume i- study plan	1964
19650059585	Control-display study for orbital rendezvous. volume ii- control-display development	1964
19650059586	Control-display study for orbital rendezvous	1964
19650059587	An investigation of auditory discrimination techniques as applied to project vela uniform final report, 31 oct. 1963 - 31 oct. 1964	1964
19650059589	Effect of cycle profile on the biaxial compressive fatigue performance of filament wound laminates first quarterly report, apr. 1 - aug. 1 1964	1964
19650059591	Isolation of physiologically active substances from brain special technical report, 1 jan. 1963 - 1 feb. 1964	1964
19650059592	Long-duration pulser to simulate cw operation	1964
19650059593	The relationship between structure and thermal stability of new high temperature polymers technical documentary report, jun. 1963 - may 1964	1964
19650059594	Research on millimeter ferromagnetic type parametric amplifier eleventh quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650059595	Research for high temperature, elastomeric insulating materials technical documentary report, 15 apr. 1963 - 15 jan. 1964	1964
19650059596	Organometallic compounds and polymers based on metal-nitrogen bond systems technical documentary report, 1 jan. 1962 - 1 jan. 1964	1964
19650059598	Metal clad elastomeric core seals technical documentary report, 1 may 1963 - 30 apr. 1964	1964
19650059600	Very high resolution techniques ninth quarterly report, 15 jun. - 15 sep. 1964	1964
19650059601	Development of a high-temperature, nuclear- radiation-resistant pneumatic power system for flight vehicles semiannual report, 25 jun. - 31 dec. 1964	1964
19650059603	The gamma radioisotope thruster technical report, jun. 1963 - jun. 1964	1964
19650059604	Optimum mechanical packaging of electronic equipment program second quarterly report, 1 aug. - 31 oct. 1964	1964
19650059605	The frequency of physical illness as a function of prior psychological vulnerability and contemporary stress. intensive immunization of man- evaluation of possible adverse consequences progress report, 1 sep. - 1 dec. 1964	1964
19650059606	Nasa propellant gas valve scale-up program progress report, may 15 - aug. 15, 1964	1964
19650059608	The absolute quantum efficiency of sodium salicylate excited by extreme ultraviolet light scientific report no. 4, may 1962 - apr. 1964	1964
19650059609	Study of high power transmitting tubes above x-brand first quarterly progress report, 1 jul. - 30 sept. 1964	1964
19650059610	Non-blooming image orthicon fifth quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650059611	The application of anodic stripping voltammetry to the determination of mercury in lithium sulphate	1964
19650059612	Evaluation of electron beam welds in thick material first quarterly progress report, 1 sep. - 1 dec. 1964	1964
19650059613	Study of cross-field amplifiers fifth quarterly progress report, 15 jul. - 15 oct. 1964	1964
19650059614	Emission characteristics monitor /microwave region/ first quarterly progress report, 1 jul. - 1 oct. 1964	1964
19650059615	Automated solution of combined interference matrices fourth quarterly report, 15 jul. - 15 oct. 1964	1964
19650059616	The imaging illumination of lasers in elliptic reflectors <die abbildende beleuchtung optischer molekularverstärker in elliptischen spiegeln>	1964
19650059618	Yuh-1d /48-foot rotor/ category ii performance tests, appendix iii	1964
19650059619	A concentration cell method for the determination of trace amounts of chloride in lithium and its compounds	1964
19650059620	Pulse compression optical ranging study first quarterly progress report, 15 jun. - 14 sep. 1964	1964
19650059621	Materials analytical research technical documentary report, apr. 1, 1963 - mar. 31, 1964	1964
19650059622	High temperature resistant elastomer compounds technical documentary report, 1 jan. - 31 dec. 1963	1964
19650059623	Further developments concerning the humidity theory of terrestrial scintillation intensity technical memorandum, sep. 1963 - apr. 1964	1964
19650059624	Design and fabrication of a high-energy laser technical documentary report, jan. 1963 - apr. 1964	1964
19650059625	Positive expulsion bladders for storable propellants progress report, 1 aug. - 1 nov. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059626	Investigation of high-temperature refractory metals and alloys for thermionic converters sixth quarterly progress report	1964
19650059627	Experimental research on filamentized ceramic radome materials interim engineering progress report, 1 jul. - 30 sep. 1964	1964
19650059628	Heat treatment by molten glass interim engineering progress report, 1 oct. - 31 dec. 1964	1964
19650059630	Polyborophane resin laminates technical documentary report, 1 apr. 1963 - mar. 1964	1964
19650059631	Low-noise dc-pumped cyclotron-wave amplifier quarterly report, 1 jul. - 30 sep. 1964	1964
19650059633	A feasibility investigation of a microwave signal mixer with a linear transfer characteristic	1964
19650059634	Machinability of materials interim engineering progress report, 15 aug. - 15 nov. 1964	1964
19650059636	Reliable automatic television system interim report, jul. - oct. 1964	1964
19650059637	Low cost army micromodule program final report	1964
19650059645	Network scission reactions in peroxide cured methyl-vinyl silicone rubber	1964
19650059648	Large-area electronic display panel quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650059650	High power beam-plasma amplifier quarterly progress report, 15 sep. - 15 dec. 1964	1964
19650059651	An economical flat package for integrated circuits interim development report, sep. 15 - dec. 15, 1964	1964
19650059652	Development of compact multi-turn loop antennas for manpack and vehicular use quarterly report, 12 jun. - 30 oct. 1964	1964
19650059653	Rigidization techniques for integrally woven composite constructions sixth quarterly report, 1 oct. - 31 dec. 1964	1964
19650059654	High-temperature antenna investigation interim engineering report no. 7	1964
19650059655	Semiconductor light source materials research final report, 15 sep. 1963 - 15 jun. 1964	1964
19650059657	Reliable, low cost, stable resistors, general purpose quarterly report, 1 aug. - 31 oct. 1964	1964
19650059658	The investigation of factors affecting early exploitation of integrated solid circuitry final report	1964
19650059659	Amrad fourth stage be-3-a5 rocket motor - program plan	1964
19650059662	Ssb and vhf crystal filters /70 to 150 mc/ final report, 15 jun. 1963 - 15 oct. 1964	1964
19650059664	Communications cable for tropical jungle use quarterly report	1964
19650059668	Program roe /reflector orbital experiment/. part iv- attitude control and stabilization feasibility studies technical report, 20 jan. - 20 apr. 1964	1964
19650059672	Receiver techniques for optical rendezvous radars interim report, 1 aug. - 31 oct. 1964	1964
19650059676	Multiple access techniques- applied research study on satellite communications task report, task v , 1 jul. 1962 - 31 dec. 1963	1964
19650059678	Production engineering measure for improved reliability of solid tantalum electrolytic capacitors quarterly progress report, oct. 1 - dec. 31, 1964	1964
19650059679	Sequential detection of fading signals	1964
19650059680	Metallurgical research in scandinavia. part ii- norway	1964
19650059681	Semiconductivity of organic free radicals annual report, 1 oct. 1963 - 31 oct. 1964	1964
19650059682	[Propellant Ignition Studies and Combustion Phenomena] Semi-Annual Report for Period of 1 Jul. 31 - Dec. 1964 on NASA Grant NsG 595/15-005-013	1964
19650059684	Saturn stage s-1-10 final static test report	1964
19650059685	Developmental thermoelectric test generator final report	1964
19650059686	Feasibility study for development of a hypergolic engine space power system, phase i final report, 31 oct. 1962 - 30 jun. 1964	1964
19650059687	Progress in fission product recovery at hanford - supplement. a summary of hanford laboratories achievements in this program under general electric, 1954 - 1964	1964
19650059690	Dynamics of two-phase flow in rocket nozzles first quarterly technical progress report, 1 jul. - 30 sep. 1964	1964
19650059691	Microwave plasma research final technical report	1964
19650059696	Study of correlation properties of binary sequences final report, 15 oct. 1963 - 15 oct. 1964	1964
19650059699	B-52 landing gear outer cylinder residual stress analysis final report	1964
19650059700	Investigation of high temperature experimental polymers for protective coatings technical documentary report, 1 aug. - 31 oct. 1963	1964
19650059702	Detailed procedures for hydrazine-1, 1-dimethylhydrazine assay titan ii	1964
19650059703	Electronic properties of organic semi- conductors quarterly technical report	1964
19650059704	All-evaporated and maskless fabrication techniques for active devices interim development report, aug. 29 - nov. 28, 1964	1964
19650059705	Development of radio set an/grc103 semiannual progress report, apr. 1 - sep. 30, 1964	1964
19650059707	Implications of computer-aided design for numerically controlled production	1964
19650059709	C.w. x-band voltage tunable magnetron fifth quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650059710	Development of improved cutting tool materials interim engineering progress report, 10 oct. 1962 - 30 jun. 1964	1964
19650059711	Electromagnetic radiation chemistry annual progress report, 15 nov. 1963 - 1 dec. 1964	1964
19650059712	The effects of intensity and duration of exercise on mammalian striated muscle final technical report, 1 oct. 1963 - 1 oct. 1964	1964
19650059726	Development of an improved photoconductor for use in an infrared multiplier vidicon interim technical report, 1 apr. - 30 jun. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059727	Target signature study eighth quarterly report, jun. - aug. 1964	1964
19650059731	Evaluation of operation, heating and durability from simulated altitude testing of the aj10-138 engine from the titan ii - transtage /propulsion engine test cell t-4/, phase ii	1964
19650059749	The effects of secobarbital and d-amphetamine on performance during a simulated tactical air mission	1964
19650059750	100-kilovolt ceramic-metal thyratron third quarterly progress report, apr. 15 - jul. 14, 1964	1964
19650059751	Continuously pulsed laser device for surveillance first quarterly report, 1 jul. - 30 sep. 1964	1964
19650059752	Research investigation directed toward extending the useful range of the electromagnetic spectrum fourth quarterly progress report, sep. 16 - dec. 15 1964	1964
19650059753	Single crystal hexagonal ferrites sixth quarterly progress report, sep. 1 - nov. 30 1964	1964
19650059754	Auxiliary electrode for charge control of sealed nickel-cadmium batteries second quarterly progress report, 15 sep. - 14 dec. 1964	1964
19650059755	Wind tunnel air wake survey aft of a 1/144-scale model aircraft carrier with hull airflow deflectors	1964
19650059757	Development of manufacturing processes for a lightweight heat transfer system interim engineering progress report, 1 nov. 1964 - 31 jan. 1965	1964
19650059758	Directional reflectance of certain materials in the near infrared	1964
19650059759	New ablative plastics and composites, their formulation and processing technical documentary report, may 1963 - may 1964	1964
19650059760	Analysis of strato-lab vii atmosphere-control system	1964
19650059762	Report on the Optimization of the Manned Orbital Research Laboratory (MORL) System Concept. Volume XII-Laboratory Mechanical Systems, Structures	1964
19650059763	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xviii-laboratory electrical/electronic systems - alternate power systems	1964
19650059766	A Theoretical and Experimental Investigation of the Use of Hydrogen and Hydrogen-oxygen Combustion Products as a Secondary Injectant for Thrust Vector Control Final Report	1964
19650059768	Report on the Optimization of the Manned Orbital Research Laboratory (MORL) System Concept. Volume VII-Systems Analysis - Reliability and Safety	1964
19650059769	Investigations for the Deposition of Tungsten onto UO2 from Tungsten Iodide and Tungsten Carbonyl	1964
19650059771	Delta Range Safety Land Impact Probability Study for the OSO-B2 Spacecraft Mission	1964
19650059772	Advanced Combustion Chamber (Toroid)	1964
19650059773	Advanced combustion chamber /toroid/, volume 1 interim report	1964
19650059789	Molecular electronics telemetry encoder technical documentary report, 1 jun. 1961 - 31 may 1964	1964
19650059790	Pigmented surface coatings for use in the space environment technical documentary report, jul. 1963 - jul. 1964	1964
19650059791	Research and development of miniature, environmentalized, electrostatic image orthicon fourth quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650059793	On the magnetostriction in nickel alloys	1964
19650059794	Optical spectra and molecular parameters of light element molecules progress report, 1 jul. - 30 sep. 1964	1964
19650059798	Feasibility of non-line-of-sight laser communications	1964
19650059800	<mathematical calculations and equations for blast waves< progress report, apr. 1 - jun. 30 1964	1964
19650059802	Evaluation of the radar bright display equipment-five /rbde-5/ modified for terminal facilities final report	1964
19650059803	Research and development of high current and high voltage silicon controlled rectifiers - device d quarterly progress report, 12 sep. - 13 dec. 1964	1964
19650059809	A new strain gauge bridge for measuring alternating loads	1964
19650059812	Preliminary note on a mixing nozzle-ejector shroud combination for jet noise reduction	1964
19650059816	A review of panel flutter at low supersonic speeds	1964
19650059817	Irrational fluctuations near a turbulent boundary layer	1964
19650059818	Functional electronic blocks manufacturing methods program interim engineering progress report, 1 jun. - 31 aug. 1964	1964
19650059819	The synthesis of oblique ionograms by digital computer technical report no. 89	1964
19650059823	<the study of the heat generated in cold worked specimens< technical status report no. 2, 1 sep. - 1 dec. 1964	1964
19650059824	Tungsten sheet rolling program interim engineering progress report, 1 aug. - 31 oct. 1964	1964
19650059826	Evaluation of beryllium brake system in a-3a aircraft final report	1964
19650059827	Development of an alignment and measuring system for large aerospace vehicles interim engineering progress report, 1 jul. - 30 sep. 1964	1964
19650059828	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at -423 degree f /-253 degree c/ progress report no. 17, nov. 1-30, 1964	1964
19650059830	Delta spacecraft design restraints	1964
19650059834	Operation of the wichita mountains seismological observatory semiannual report no. 1, 1 jul. - 30 nov. 1964	1964
19650059835	Unicom /universal integrated communication system/ progress report, 1 jul. - 30 sep. 1964	1964
19650059836	Elastomeric and compliant materials for liquid rocket fuel and oxidizer application, part i technical documentary report, 1 mar. - 31 dec. 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059837	Formulae relating to the motion of a particle in the gravitational field of a spheroid <nekotorye formuly otnosyashchiesya k dvizheniyu material'noi tochki v pole tyagoteniya urovennogo ellipsoida vrashcheniya>	1964
19650059838	High approximations in boundary layer theory <o vysshikh priblizheniyakh v teorii pogranychnogo sloya>	1964
19650059839	Calculation for the design of nozzles	1964
19650059840	The theory of sintering by volume or surface- diffusion	1964
19650059842	Applications of linearised characteristics to sharp-edged conical bodies	1964
19650059843	Engineering study of multi-purpose engine and fuel system, lunar exploration systems for apollo. volume i- summary and conclusions, final report	1964
19650059844	Engineering study of multi-purpose engine and fuel system, lunar exploration systems for apollo. volume ii- concept selection final report	1964
19650059845	Engineering study of multi-purpose engine and fuel system, lunar exploration systems for apollo. volume iii- conceptual design. part i- fuel system final report	1964
19650059847	Engineering study of multi-purpose engine and fuel system, lunar exploration systems for apollo. volume iii- conceptual design, part 3- development, test and logistics final report	1964
19650059848	Engineering study of multi-purpose engine and fuel system, lunar exploration systems for apollo. volume v- appendices final report	1964
19650059851	Category x test of f-105d/f aircraft	1964
19650059856	B. h. hadley, inc., butterfly valve, nasa part number 75m05605 and 75m13026 test report	1964
19650059864	Reliability growth of u. s. rockets. on an investigation of cost/reliability relation- ships. volume ii- reliability final report	1964
19650059866	Effect of Pressure Level and Nozzle Scale on Solid-propellant Motor Performance Sixth Monthly Status Report, 19 Nov. 1964 - 18 Dec. 1964	1964
19650059874	Development of high temperature materials for rocket nozzles and associated structures summary report, oct. 1, 1963 - nov. 30, 1964	1964
19650059889	Experimental signal and error data from troposcatter digital communication link	1964
19650059896	Development of the sealed zinc-silver oxide secondary battery system fifth quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650059897	Development of electron gun with non- intercepting grids fifth quarterly progress report, 28 may - 28 aug. 1964	1964
19650059899	Development of ablative thrust chambers and throat inserts suitable for use on the gemini and apollo vehicles second materials report, 1 jan. - 30 jun. 1964	1964
19650059900	Development of ablative thrust chambers and throat inserts for use on the gemini and apollo vehicles third quarterly progress report, jan. 1 - mar. 31, 1964	1964
19650059901	Development of ablative thrust chambers and throat inserts for use on the gemini and apollo vehicles fourth quarterly progress report, apr. 1 - jun. 30, 1964	1964
19650059909	Amdt subscale reentry vehicles gtv-2 and gtv-3 final flight summary report	1964
19650059913	Precision radar investigation first quarterly progress report, 1 jul. - sep. 1964	1964
19650059921	Fixed antenna guidance techniques study quarterly report no. 2, 12 jun. - 12 oct. 1964	1964
19650059922	Weapon system 133b- rocket motor m57e1 minuteman stage iii. flight test evaluation report for flight test missile 449	1964
19650059923	Frequency-hopping as an antijam technique for a gaussian channel	1964
19650059925	Thermo-mechanical theory of non-newtonian fluids progress report, jul. 1 - dec. 31, 1964	1964
19650059926	Some social characteristics of the research process in high-energy physics- a case study of a large hydrogen bubble-chamber group	1964
19650059927	Synthesis and characterization of electronically active materials technical report, feb. 16 - nov. 15, 1964	1964
19650059928	Some state-assignment techniques for large sequential circuits technical report no. 6203-1	1964
19650059929	Poly/1,3,4-oxadiazole/ and related polymers for thermally-stable fibers technical documentary report, 1 jul. 1962 - 1 may 1964	1964
19650059930	Photoelastic investigation of three- dimensional stress and tension conditions	1964
19650059932	100 watt thermoelectric generator quarterly progress report, jul. 1 - sep. 30, 1964	1964
19650059933	Non-equilibrium far wake analysis of sodium- contaminated air	1964
19650059936	<geochemistry of trace elements in meteorites> fourth semiannual report, 15 mar. - 15 sep. 1964	1964
19650059937	Operational safety analysis for advanced nuclear missions. volume i- summary report	1964
19650059938	Cryogenic research and development sixteenth progress report, period ending 31 dec. 1964	1964
19650059939	Study of a manned mars excursion module final report	1964
19650059940	Martin post-saturn summary review- mississippi test facility study and launch facilities study	1964
19650059941	Advanced rocket engine jet characteristics and effects study final report	1964
19650059946	Microwave solid state generators quarterly progress, 1 jun. - 31 aug. 1964	1964
19650059948	Irradiation of transformer feedback amplifiers and polarized capacitors	1964
19650059952	Operational safety analysis for advanced nuclear missions condensed summary report	1964
19650059953	Digital adaptive control system research summary report, feb. 1, 1963 - jan. 31, 1964	1964
19650059955	Investigation of psychrophilic lipid metabolism fourth monthly report, oct. 26 - nov. 26, 1964	1964
19650059956	Operations analysis of advanced lunar transportation systems, phase b final progress report, 27 sep. 1963 - 16 jan. 1964	1964
19650059957	Operational safety analysis for advanced nuclear missions. volume ii- final technical report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059961	A study of systems for space propulsion quarterly progress report no. 15, 1 aug. - 31 oct. 1964	1964
19650059965	Delta launch support final progress report, jan. - dec. 1964	1964
19650059973	Response of higher plants to high-intensity light, part i. the use of pathogen-free plants in a microcosm, part ii semiannual report, jun. - dec. 1964	1964
19650059976	Measured effects of the various combinations of nuclear radiation, vacuum, and cryotemperatures on engineering materials. volume i- radiation-vacuum and radiation- vacuum-cryotemperature tests annual report, 9 nov. 1962 - 30 apr. 1964	1964
19650059977	Development of a continuously operating source of vacuum ultraviolet and soft x-radiation second quarterly report, 1 sep. - 30 nov. 1964	1964
19650059978	Improved delta quarterly technical progress report, oct. - dec. 1964	1964
19650059982	Operation of the wichita mountains seismological observatory final report, 1 mar. 1963 - 30 jun. 1964 and semiannual report no. 8, 1 jan. - 30 jun. 1964	1964
19650059986	Fabrication and testing of liquid-mercury cathodes in an electron bombardment ion thruster quarterly report, no. 1, 1 aug. - 31 oct. 1964	1964
19650059987	Study of heat shielding requirements for manned mars landing and return missions summary report	1964
19650059992	Theoretical and experimental analysis of orthotropic-shell stability final report	1964
19650059996	Transactions of the ninth symposium on ballistic missile and space technology, volume i	1964
19650059997	Parametric analysis of an integrated tracking, telemetry, and command system	1964
19650059998	Military vs commercial communication satellites	1964
19650059999	Establishment and replenishment calculations for satellite systems	1964
19650060000	Retrodirective arrays for military communication satellites	1964
19650060001	The use of frequency selective limiters in communication satellites	1964
19650060002	Gravity-gradient attitude stabilization for communication satellites	1964
19650060003	Composite coded communications	1964
19650060004	A comparison of key parameters of three cw ranging systems	1964
19650060005	Horizon sensor navigation errors resulting from statistical variations in the co2 14-16 micron radiation band	1964
19650060006	A numerical comparison of two orbit determination methods	1964
19650060007	Optimal guidance and control synthesis for maneuverable lifting space vehicles	1964
19650060008	Stability and control considerations in the deployment of a cable-connected spinning space station	1964
19650060010	Physiological considerations on maintenance of muscle tone under subgravity conditions	1964
19650060011	Atmosphere selection and environmental control for manned space stations	1964
19650060012	The measurement of general human performance in military space systems	1964
19650060013	Lunar base mission crew nutrition subsystems optimization	1964
19650060015	Transactions of the ninth symposium on ballistic missile and space technology, volume ii	1964
19650060016	The economic feasibility of the rocket approach to reusable launch systems	1964
19650060017	Application of emergency detection and decision systems to launch vehicles	1964
19650060018	Maneuver characteristics of a tactical re-entry vehicle with an offset center of gravity	1964
19650060019	Determination of reentry performance of the m-2 lifting body based on aerodynamic heating considerations	1964
19650060020	Considerations in the design of vehicles capable of substantial hypersonic lift-drag ratios	1964
19650060021	Hypersonic dynamic stability of sharp and blunt slender cones	1964
19650060022	The asset recovery system	1964
19650060023	The apollo earth landing system	1964
19650060024	Heat protection by radiative heat rejection	1964
19650060025	Polymers in missiles and space	1964
19650060026	Expandable structures for space applications	1964
19650060027	Explosive simulation of nuclear blast on test vehicles	1964
19650060028	A technique for simulating air-blast-induced ground motions	1964
19650060029	High-explosive-driven wind tunnels for high- altitude blast simulation	1964
19650060030	Satellite inspection by ground-based or airborne camera systems	1964
19650060031	Space station logistics support - morl system	1964
19650060034	Effect and control of chatter vibrations in machine tool process interim engineering progress report, 15 sep. - 15 dec. 1964	1964
19650060037	Use of rotor excitation panels for substantiation of rotor blades service life whirl test, july 1963 - july 1964	1964
19650060038	Reed switching devices third quarterly progress report, 1 oct. 1964 - 31 dec. 1965	1964
19650060039	Development of tunable preselectors /developmental and experimental models/ final report, 15 jun. 1962 - 10 sep. 1964	1964
19650060040	Fort belvoir incandescent lamp interim technical report, 1 jul. - 30 sep. 1964	1964
19650060044	Millimeter wave launching devices and tech- niques final report, 15 mar. 1963 - 15 sep. 1964	1964
19650060045	Reliability plan for the agena system/gemini program	1964
19650060049	Experimental analysis of a toroidal discharge	1964
19650060050	Transistor circuits for hf receivers technical report no. 2021-1	1964
19650060052	Study and fabrication of a solid-refrigeration superinsulation cooling system second quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650060054	The effects of atmospheric turbulence on laser beam distribution	1964
19650060056	Wing box fuel containment. volume iii- manufacturing final report, 1 apr. - 30 nov. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060060	Ground-based measurements of earth-to-space beam transmittance, path radiance, and contrast transmittance final report	1964
19650060061	Research program to obtain comprehensive design criteria for grade cfw graphite quarterly progress report, jun. 1 - aug. 31, 1964	1964
19650060062	Notes from an open session of the subcommittee on microstructure and fractography no. 2 /september 28, 1964 meeting/	1964
19650060068	Study of heat shielding requirements for manned mars landing and return missions final report, dec. 1963 - oct. 1964	1964
19650060069	Final documentation of telemetry checkout programs sa-9	1964
19650060070	Final documentation of post launch processor programs sa-9	1964
19650060071	Results of sound pressure level measurements during sa-7 launch. part ii- third-octave time histories and spectral distribution diagrams	1964
19650060072	Lightning detection warning systems on saturn launch complexes 34, 37, and 39	1964
19650060074	Investigation of ablative material performance and physical properties	1964
19650060075	Ruggedized cable assembly for pcm equipment quarterly report	1964
19650060077	The influence of local winds on fallout final report, 1 jul. 1963 - 1 jul. 1964	1964
19650060079	The effect of initial conditions on the development of a free shear layer	1964
19650060081	The mild fluorination of nitrogen compounds quarterly report, 1 mar. - 30 jun. 1964	1964
19650060082	The representation of seismic waves in frequency-wave number space	1964
19650060083	A parametric simplicial formulation of houthakker's capacity method	1964
19650060084	Miniaturized x-band stripline duplexer quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650060085	Design and development of integrated semiconductor circuits utilizing field-effect active devices interim development report, 24 aug. - 24 nov. 1964	1964
19650060091	Survey of narrow-band secure voice communication systems	1964
19650060092	Technological Development of Throttling a Hybrid Program System First Quarterly Technical Progress Report, 29 Jun. - 30 Sep. 1964	1964
19650060113	Engineering study of nuclear power plant lunar exploration systems for Apollo. volume ii- Concept selection. part i- Study requirements and system definition	1964
19650060114	Engineering study of nuclear power plant lunar exploration systems for apollo. volume iii- conceptual design. part 2- background and design information final report	1964
19650060115	Engineering study of nuclear power plant lunar exploration systems for apollo. volume iv- the integrated lesa power system - evaluation and analysis final report	1964
19650060117	Operations and logistics study of lunar exploration systems for apollo mid-term progress report	1964
19650060122	Studies of photosynthetic halophiles from owens lake quarterly progress report no. 1	1964
19650060127	Research on metastable species in atomic and molecular produced by charge transfer semiannual technical report no. 1	1964
19650060133	Study of saturn s-1c recovery and reusability summary technical report	1964
19650060134	Improvements in automatic particle analysis equipment final report, 9 oct. 1963 - 8 sep. 1964	1964
19650060135	Report on the optimization of the manned orbital research laboratory /morl/ system concept. subsystem performance specifications, part i	1964
19650060136	Report on the optimization of the manned orbital research laboratory /morl/ system concept. subsystem performance specifications, part ii	1964
19650060137	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xvi-laboratory mechanical systems - propulsion and reaction control	1964
19650060138	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xi-laboratory configuration and interiors	1964
19650060139	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xiii-laboratory mechanical systems - artificial gravity systems	1964
19650060140	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xiv-laboratory mechanical systems - environmental control/life support	1964
19650060141	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xv-laboratory mechanical systems - stabilization and control	1964
19650060142	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xix-laboratory electrical/ electronic systems - communications & telemetry	1964
19650060143	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xxii-experiment briefs, part i	1964
19650060144	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xxii-experiment briefs, part ii	1964
19650060145	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xxii-experiment briefs, part iii	1964
19650060146	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xxiii-experimental program, tabulation of system requirements	1964
19650060147	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xxv-preliminary program plan	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060148	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xxvi- reliability, safety, and quality program plan	1964
19650060149	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xxvii- cost plan	1964
19650060151	Study of density calibration in space interim report, jun. 18 - nov. 30, 1964	1964
19650060153	Ceramic systems for missile structural applications summary report no. 2, 1 nov. 1963 - 31 oct. 1964	1964
19650060154	Thin-film monotonics quarterly report, 13 sep. - 12 dec. 1964	1964
19650060155	Nickel-cadmium batteries for the orbiting geophysical observatory, volume ii	1964
19650060158	Nasa - gsf, opplan 3-64 fixed frequency topside sounder ie-a	1964
19650060159	Communications and control for lesa final presentation	1964
19650060167	Effects of hurricanes cleo and dora at launch complex 37	1964
19650060171	Image dissector photomultiplier tube using a discrete stage multiplier section interim report, sep. - nov. 1964	1964
19650060172	Studies of photosynthetic halophiles from owens lake monthly progress report no. 2	1964
19650060173	Engineering study of multi-purpose engine and fuel system, lunar exploration systems for apollo. volume iv- the integrated lesa power system-evaluation and analysis final report	1964
19650060174	Kinesthetic calibration	1964
19650060178	Metal-organic compounds for vapor-plating application, part i	1964
19650060179	Optical pumps for lasers first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650060181	Turbulence in cloudless air	1964
19650060182	Utilization of new techniques and devices in integrated circuits final report, 1 may 1963 - 30 apr. 1964	1964
19650060184	Development of manufacturing process for forging engine parts made from beryllium interim engineering progress report, 1 sep. - 30 nov. 1964	1964
19650060185	Advanced camera capsule thermodynamic feasibility study final report, aug. - oct. 1964	1964
19650060190	Wide band correlation radar study second quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650060197	Research on photostimulation in alkali halides final technical report, jun. 25, 1962 - aug. 25, 1964	1964
19650060204	Syncom ii and iii evaluation report	1964
19650060205	Para ortho conversion of hydrogen quarterly report, 1 may - 31 jul. 1964	1964
19650060207	A path difference independent of incidence as a means of increasing the product of luminosity times resolution in interferometers <augmentation du produit luminosité x résolution des interféromètres par l'emploi d'une différence de marche indépendante de l'incidence>	1964
19650060208	Utilization of gamma radiation to enhance properties of polymers and to initiate polymerization of monomers progress report, 23 mar. - 15 dec. 1964	1964
19650060210	Analytical evaluation of actively cooled modified monocoque structural sandwich concepts interim technical report	1964
19650060212	Absorption coefficients of beta-radiation from radioactive isotopes in air-equivalent substances	1964
19650060215	Engine development trials of the 9ks11000 rocket engine for the black brant iii	1964
19650060216	Friction and wear characteristics of materials under ultrahigh vacuum and high temperature conditions	1964
19650060217	Ecac catalog of data and analytical services	1964
19650060218	Evaluation of the effects of system tolerances and degradations on condensing temperature and power output	1964
19650060219	Research on surveillance radar receivers and transponders tenth quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650060221	New selectively absorbing coatings for solar powered thermoelectric devices	1964
19650060222	Studies on microbial deterioration semiannual report no. 1, 24 apr. - 23 oct. 1964	1964
19650060223	Investigation of thermal relaxation in nozzle flows by analysis of gas-kinetic velocity distribution <untersuchung der thermischen relaxation bei dusenstromungen durch analyse der gaskinetischen geschwindigkeitsverteilung>	1964
19650060224	Investigation of electrochemical phenomena at an electrode by means of the negative pressure of liquids	1964
19650060226	Multifunctional, auxiliary propulsion module study program monthly progress report, may 1964	1964
19650060228	Technological Development of Throttling a Hybrid Propulsion System Third Monthly Letter Report, 1 - 31 Oct. 1964	1964
19650060230	Athena flight no. 006 /missile c004-b05/ downrange data report	1964
19650060233	Feasibility of isotopic power for manned lunar missions. volume 5- brayton cycle system	1964
19650060234	Feasibility of isotopic power for manned lunar missions. volume 6- stirling cycle system	1964
19650060252	Continuous-wave side-looking airborne radar study first quarterly progress report, 15 apr. - 15 jul. 1964	1964
19650060255	Physical and chemical properties of lubricants technical documentary report, dec. 1, 1962 - oct. 31, 1963	1964
19650060256	Excitation of hypersonic vibrations by means of electrostrictive coupling of high intensity light waves to sound waves research paper no. p-48	1964
19650060259	Launch Vehicle Technology Study Final Report	1964
19650060266	Aircraft component and structures armor investigation /uh-1b/ final report	1964
19650060274	Radar sensors and associated devices final report, 15 sep. 1962 - 14 sep. 1964	1964
19650060287	Supersonic combustion ramjet engine program /inlet/ monthly letter progress report for nov. 1964	1964
19650060288	Supersonic combustion ramjet engine program monthly letter progress report for aug. 1964	1964
19650060289	Supersonic combustion ramjet engine program monthly letter progress report, sep. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060290	Supersonic combustion ramjet engine program monthly letter progress report, nov. 1964	1964
19650060291	Bulletin of the 3rd meeting, interagency chemical rocket propulsion group, working group on mechanical behavior, vol. ii	1964
19650060292	The development of mechanical property criteria for tartar propellants	1964
19650060293	Typical mechanical properties of cast double-base propellants	1964
19650060294	Stress-strain failure envelopes for double- base propellants	1964
19650060296	The chemistry of rare gases quarterly progress report, oct. 1 - dec. 31, 1964	1964
19650060318	Research and development of semiconductor devices exhibiting injection electro- luminescence as infrared radiation sources interim technical report, 16 aug. - 15 nov. 1964	1964
19650060319	Laboratory scale investigation of solid propellant mechanical properties- wallace dead load hardness tester	1964
19650060323	Dendritic solar cell and array investigation interim progress report, 1 sep. - 1 nov. 1964	1964
19650060324	Ultrahigh-speed photographic objective final report, feb. 1959 - jun. 1964	1964
19650060325	Ultrahigh-speed photographic objective /solid schmidt system/	1964
19650060326	Optical fiber research final report	1964
19650060327	The design of an ultra fast lens and camera final engineering report	1964
19650060328	The investigation of an ultrahigh-speed objective design	1964
19650060329	Feasibility study and investigation of ehf communication techniques	1964
19650060330	Positive expulsion bladders for storable propellants progress report, may 15 - 1 aug. 1964	1964
19650060331	Proceedings of the tenth meeting of the icrpg working group on design automation	1964
19650060332	Establishment of manufacturing methods for crossed-field amplifiers at p-, s-, and x-bands interim engineering progress report, 1 aug. - 31 oct. 1964	1964
19650060334	Magnetic thin-sheet memory quarterly report, jun. 1 - sep. 30, 1964	1964
19650060338	Applied radiation research programs semi- annual progress report no. 1, apr. - oct. 1964	1964
19650060341	Speaker authentication techniques semiannual report, 1 jun. - 1 dec. 1964	1964
19650060345	Metallurgy and electrochemistry in italy	1964
19650060346	Metallurgical research in scandinavia. part i- sweden	1964
19650060347	Metallurgical research in scandinavia. part iii- denmark and finland	1964
19650060348	Metallurgical and electrochemical research in berlin, vienna and geneva	1964
19650060351	Window systems for advanced vehicles	1964
19650060352	Development of radiation hardened readout circuits final report, 15 nov. 1963 - 15 sep. 1964	1964
19650060355	Development of standardized test methods to determine plane strain fracture toughness second quarterly report, 1 sep. - 1 dec. 1964	1964
19650060356	High-power microwave tube window investigations first quarterly progress report, 15 sep. - 15 dec. 1964	1964
19650060369	Manufacturing in-process control and measurement techniques for integral electronics /connections and lifetime/ interim engineering progress report, 1 oct. - 31 dec. 1964	1964
19650060372	Stable ferrites for r. f. applications second quarterly report, 1 oct. - 31 dec. 1964	1964
19650060374	Program to establish review point criteria for reliability monitoring final report	1964
19650060375	Low-temperature properties of gallium arsenide diodes technical report no. 5107-1	1964
19650060378	Development of a ku-band crossed-field amplifier /500 watt tube/ quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650060379	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume v- systems analysis - operations	1964
19650060385	Geomagnetically trapped radiation	1964
19650060387	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume iii- systems analysis - experimental program	1964
19650060388	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume iv- systems analysis - flight crew	1964
19650060389	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume ix- effectiveness studies - morl and unmanned concepts	1964
19650060390	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xxiv- technology studies	1964
19650060398	Investigation of resin systems for improved ablative materials quarterly progress report no. 2, 19 sep. - 18 dec. 1964	1964
19650060400	High-current-density cathode-ray-tube electron source second quarterly progress report, 1 jul. - 1 oct. 1964	1964
19650060402	The permeation of salt water through protective coatings using radioactive tracer techniques eighth progress report, 15 dec. 1963 - 15 jun. 1964	1964
19650060403	The development of thermal control surfaces for snap 10a flight test spacecraft	1964
19650060406	New switching concepts first quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650060408	Laboratory and modeling studies of microwave and radar responses to simulated terrain quarterly status report, 1 oct. - 31 dec. 1964	1964
19650060420	Applied research on contact ionization thruster, volume i final report, mar. 1963 - mar. 1964	1964
19650060423	Research on increased red sensitivity trialkaline photocathodes quarterly progress report, 1 aug. - 31 oct. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060431	Hypervelocity impact experiments final report	1964
19650060444	Desensitization of available high energy nf compounds quarterly progress report, oct. 1 - dec. 31, 1964	1964
19650060445	Design criteria for advanced propellant systems final report, 11 jul. 1962 - 30 sep. 1964	1964
19650060450	Some operational considerations of an orbiting space station	1964
19650060451	Non-planar reflector array study /arpon/	1964
19650060456	Conference on low and medium energy nuclear physics, university of sussex, 9-11 september 1964	1964
19650060457	Trajectory study for advanced lunar missions third monthly progress report	1964
19650060458	Study of marbac extraterrestrial life detection concept final progress report, 10 oct. 1963 - 10 oct. 1964	1964
19650060459	Study of cryogenic propellants stratification reduction interim report, jul. 1963 - jun. 1964	1964
19650060461	System management techniques applicable for man rating studies of saturn and other advanced nasa space programs, volume i final technical report	1964
19650060462	System management techniques applicable for man rating studies of saturn and other advanced nasa space programs, volume ii final technical report	1964
19650060464	Joining of refractory metal foils quarterly progress report no. 7, 1 jan. - 31 mar. 1964	1964
19650060466	The measurement of the thermoelectric figure of merit of materials at high temperatures	1964
19650060467	Mechanical property and fracture toughness evaluation of 2219-t6e46 for cryogenic applications final report, apr. 1 - aug. 15, 1964	1964
19650060470	The time-dependent force on a sound radiator immediately following switch-on	1964
19650060471	300 watt portable thermoelectric generator monthly progress report, period ending 30 nov. 1964	1964
19650060473	Optical pumps for lasers second quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650060474	<formulation and evaluation of new glasses patterned after naturally occurring silicate materials< quarterly progress report, nov. 1, 1963 - jan. 31, 1964	1964
19650060479	Investigation and study of hf high resolution activity monitor final report	1964
19650060492	Subcooled boiling in a negligible gravity field status report no. 7	1964
19650060495	Responses of the habituated vestibulo-ocular reflex arc to drug stress	1964
19650060496	Profiles of wind, temperature and turbulence variations in the vertical, measured at suffield experimental station, alberta, canada	1964
19650060497	Synthesis and evaluation of poly/phenylene/triazoles and related polymers technical documentary report, mar. 1, 1963 - feb. 15, 1964	1964
19650060498	Research and development of a 3 kw 3.2 millimeter-wave pulsed oscillator semiannual report, 15 aug. - 15 nov. 1964	1964
19650060500	An improved paper tape output system for the computer deuce	1964
19650060501	Perchloric acid- note on its properties and safe handling	1964
19650060507	Large motor case engineering optimization study- report on the non-destructive testing techniques used on large cases fabricated from 18 percent nickel maraging steel quarterly report	1964
19650060511	Monostatic synthetic aperture radar	1964
19650060512	An analytical and experimental study of the optical cross-section of solar-illuminated spacecraft	1964
19650060514	Space radar detection performance enhancement	1964
19650060516	A general review of satellite inspection studies	1964
19650060518	Suborbital inspectors	1964
19650060519	A survey of recent advances in radar signature analysis	1964
19650060524	Preliminary design of vehicles hardened against atmosphere blast	1964
19650060528	Arpa program in end-game analysis	1964
19650060533	Development of an optical particle decoy	1964
19650060534	Position prediction for maneuvering reentry vehicle interception simulation	1964
19650060537	New reinforcements, resins, and adhesives for structural composite materials	1964
19650060538	Preliminary engineering analysis of phase ii manufacturing and testing facility requirements for six-million-pound thrust solid propellant motors	1964
19650060541	Five- and ten-year forecast of requirements for space tracking, telemetry, and command systems	1964
19650060542	Command control system for the mobile mid- range ballistic missile	1964
19650060544	The design and performance of the arma strapped-down inertial navigation system	1964
19650060546	The analysis and application of a first-order linear perturbation guidance theory	1964
19650060547	Preliminary design of the propulsion subsystem for the mobile mid-range ballistic missile	1964
19650060548	Applications and adaptations of the 15-k r10 hydrogen engine	1964
19650060550	Correlation parameters for ablation of truncated cones	1964
19650060563	Foundational research projects quarterly report, jul. - sep. 1964	1964
19650060564	Combined digital-analog computer	1964
19650060565	Interferometric determination of wavelengths in ari, kr86i, and xe136i in the infrared region between 1.2 and 3.5 microns	1964
19650060566	Identification and interpretation of the 5p45g levels in iodine i	1964
19650060567	Delay in laser action	1964
19650060568	Optical coupling in lasers	1964
19650060569	A possible mechanism of radiation from ruby crystal stimulated by lattice vibration	1964
19650060570	Vlf transmitting beverage antenna	1964
19650060571	Vibronic spectra of pr3& in laf3	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060572	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. part ii- technical information. volume 10- nuclear radiation effects, test no. 18 - flyaway technical report, 1 oct. 1963 - 31 dec. 1964	1964
19650060573	Evaluation of the an/tsw-5 air traffic control central of the an/tsq-47 system	1964
19650060576	Continuous processes for functional electronic blocks interim technical documentary report no. 6, 1 oct. - 31 dec. 1964	1964
19650060577	Fuel cell catalysts third quarterly report, 1 jun. - 31 aug. 1964	1964
19650060579	Phonon interactions in crystals sixth quarterly progress report, 15 aug. - 15 nov. 1964	1964
19650060581	Speech intelligibility evaluation of four noise-canceling microphones	1964
19650060582	Preliminary evaluation of differential scanning calorimeter	1964
19650060583	Mission oriented investigation and experimentation. theoretical nonequilibrium propellant performance technical documentary report, 1 jul. - 30 sep. 1964	1964
19650060589	High temperature solar absorber coatings, part ii technical documentary report, jun. 1, 1963 - jul. 1, 1964	1964
19650060590	Elastic deformations and stresses in a "cellular walled" cylinder subjected to external hydrostatic pressure	1964
19650060591	The chrysoberyl /olivine/ crystal structure as a possibility for materials of magnetic interest	1964
19650060592	Equipment weight prediction methods - electronics, part 1	1964
19650060594	The facility requirements for manufacturing and testing six-million-pound thrust solid propellant motors, volume i final report	1964
19650060595	Solid motor logistics study. volume i- condensed summary report	1964
19650060596	Solid motor logistics study. volume iii- technical report	1964
19650060598	<telemetry antennas for javelin 8.34 and astrobee 1500 rockets< monthly progress report, 1 - 31 jul. 1964	1964
19650060603	The facility requirements for manufacturing and testing six-million-pound thrust solid propellant motors, volume ii final report	1964
19650060607	Saturn s-11 quality control plan	1964
19650060609	Saturn s-ii materials and processes development during the first half of 1964	1964
19650060613	Theoretical and experimental studies of high- temperature gas transport processes second quarterly progress report, 11 aug. - 10 nov. 1964	1964
19650060617	Report on the optimization of the manned orbital research laboratory /morl/ system concept summary report	1964
19650060618	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume xvii- laboratory electrical/ electronic systems - electrical power	1964
19650060621	Fourth maraging steel project review	1964
19650060622	Metal base transistor ii first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650060626	Agema missions standard requirements and restraints document. volume ii- instructions	1964
19650060628	Vhf teletype demonstration	1964
19650060629	Optimization of a manned orbital research laboratory system concept, morl phase iia fifth monthly progress report, may 27 - jun. 23, 1964	1964
19650060630	Master summary schedule for optimization of a manned orbital research laboratory /morl/ system, morl phase iia, revision b	1964
19650060632	Nerva components irradiation program. volume 3- gtr test 13	1964
19650060636	Noise in microwave mixers, c.v.d. research project rp6-10 final report	1964
19650060640	Thermal stability of the reaction mixture in the preparation of 2-nitroethanol	1964
19650060641	Techniques for making visual observations of earth satellites	1964
19650060642	Plastic propellant- the tensile properties of the polyisobutene binder	1964
19650060643	Dosimetry of beta-radiation of radioactive isotopes in substances equivalent to air /with special consideration of p32 and sr90 plus y90/	1964
19650060644	Investigation into the feasibility of setting barometric parachute releases to operate at one second delay	1964
19650060645	Investigation of aluminum foil pressure sensitive tape for high temperature applications	1964
19650060648	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume ii- systems analysis - mission analysis and results	1964
19650060649	Report on the optimization of the manned orbital research laboratory /morl/ system concept. volume vi- systems analysis - mission profile data	1964
19650060661	Gemini Launch Vehicle	1964
19650060662	Gemini launch vehicle program and facilities monthly progress report no. 24, 1 - 31 jan. 1964	1964
19650060663	Gemini launch vehicle program and facilities monthly progress report no. 25, 1 - 29 feb. 1964	1964
19650060664	Gemini launch vehicle program and facilities monthly progress report no. 26, 1 - 31 mar. 1964	1964
19650060665	Gemini launch vehicle program and facilities monthly progress report no. 27, 1 - 30 apr. 1964	1964
19650060666	Gemini launch vehicle program and facilities monthly progress report no. 28, 1 - 31 may 1964	1964
19650060667	Gemini launch vehicle program and facilities monthly progress twenty-ninth monthly report, 1 - 30 jun. 1964	1964
19650060668	Gemini launch vehicle program and facilities monthly progress thirtieth monthly report, 1 - 31 jul. 1964	1964
19650060672	Gemini Launch Vehicle	1964
19650060674	Liquid Propellant Research Evaluation Ninth Quarterly Report, Jan. 1 - Mar. 31, 1964	1964
19650060680	An investigation to characterize the effects of acceleration on the burning of gun-boosted rocket propellant, second phase final report, 1 may 1963 - 31 jan. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060688	Meteorites- compilation of abstracts surveys of soviet-bloc scientific and technical literature	1964
19650060694	Lasig ii- pulsed laser ion generator study quarterly progress report no. 1, 7 aug. - 31 oct. 1964	1964
19650060697	Terrain in tiros pictures final report	1964
19650060698	Thermodynamic and heat transfer analysis of the j-2 rocket engine	1964
19650060699	A study of magnetic and acoustic excitations at microwave frequencies in solids first quarterly progress report, may 1 - jul. 31, 1964	1964
19650060703	Nimbus meteorological satellite- integration and testing quarterly progress report, 16 aug. - 15 nov. 1964	1964
19650060705	Solid motor logistics study, volume ii summary report	1964
19650060706	Feasibility investigation of cavitation number measurements in mercury and water with gas injection technical report no. 2	1964
19650060710	Saturn general protuberance force and pressure wind tunnel test report	1964
19650060711	Optimization of manned orbital research laboratory /morl/ system. morl phase 11a second monthly progress report, 23 dec. 1963 - feb. 1964	1964
19650060716	Design study to evaluate vacuum deposition of sensing elements for cryogenic liquid thermosensor final report, 26 may - 31 dec. 1964	1964
19650060722	Activity of cometary tails in periods of low geomagnetic disturbances <aktivitat von kometenschweiften in perioden geomagnetischer ruhe>	1964
19650060730	Vibrational excitation of co2 and n2o in active nitrogen	1964
19650060732	Mechanical property evaluation of rene' 41 for x-20 vehicle environment final report, 1 apr. 1964 - 15 aug. 1964	1964
19650060733	Study of a pilot oslo crystalliser for ammonium perchlorate	1964
19650060734	Study of high power transmitting tubes above x-band second quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650060739	Two stage x-band amplifier for high resolution radar interim status report, 1 jan. - 30 apr. 1964	1964
19650060741	Investigation of the basic mechanism of metal fatigue engineering final report, jun. 1963 - may 1964	1964
19650060742	Automatic alternate routing study second quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650060745	Effect of chamber-saturation in thin-layer chromatography	1964
19650060746	Thin-layer chromatography in the field of fats viii- triglycerides and their critical partners	1964
19650060747	Emission of light in detonation of high- explosives	1964
19650060749	On vacuum measurement with the mcLeod gauge	1964
19650060750	Physical bases of fluid-flow theory	1964
19650060751	Tensile endurance limit of test-bar heads	1964
19650060752	Photoelasticity in engine construction	1964
19650060754	The solution of the framework plate system by means of the difference method	1964
19650060755	Changes in the optical properties of various glasses by elastic deformation	1964
19650060756	Heat treatment of iron and steel /0.45 percent c/ in magnetic field	1964
19650060757	Investigations of slip-band occurrence in forming of alcumg- and alznmgcu-sheets	1964
19650060758	The strain-line method- a means for determining the stress distribution governing safety against fracture under cyclic loading	1964
19650060759	The linear three-phase inductor - a new special type of the three-phase asynchronous motor	1964
19650060761	Hydrodynamics of rotating fluids	1964
19650060762	On the use of accidental double refraction in the study of stress distribution in stressed bodies	1964
19650060772	Direct and indirect electron control by photoconductive elements quarterly technical progress report no. 1, 1 jun. - 30 sep. 1964	1964
19650060780	Research on signal enhancement in pickup tubes semiannual summary report no. 4, 12 aug. 1963 - 12 sep. 1964	1964
19650060783	Castor II Rocket Motor Status Letter, 9 Sep. - 8 Oct. 1964	1964
19650060786	Downrange optical observations report on titan missile n-27 with a mark 6 nose cone	1964
19650060787	Producing plane polarized light by thin dielectric layers	1964
19650060788	Notes on a few reaction products of dimethyldiethoxysilane with monovalent phenols	1964
19650060789	Estimate of error in the difference method for the solution of partial differential equations	1964
19650060791	Study of effect of high-intensity pulsed nuclear radiation on electronic parts and materials /score/ third quarterly progress report no. 7, 1 aug. - 31 oct. 1964	1964
19650060792	Electronic camera system second quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650060801	A manual on fundamentals of forging practice	1964
19650060804	Status and projections of developments in hull structural materials for deep ocean vehicles and fixed bottom installations back-up report, undersea technology panel	1964
19650060808	Data transmission investigation final report, 11 sep. 1963 - 10 oct. 1964	1964
19650060814	Quality evaluation of photoelastic model materials	1964
19650060815	On diphenol ether and dinitrodiphenol ether	1964
19650060821	Development of manufacturing electron beam deposition processes summary report, 1 jul. 1960 - 3 feb. 1964	1964
19650060822	Two-loop generator for one-third subharmonics	1964
19650060824	Electromagnetics and radioastronomy in scandinavia	1964
19650060827	Monte carlo investigation of noise in an incipient-space-charge diode	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060829	Field effect and space-charge-limited thin film triodes final report 1 jul. 1963 - 30 jun. 1964	1964
19650060830	A study of the suppression of combustion oscillations with mechanical damping devices. summary of results for tasks iii through vi summary report, 28 jun. - 28 oct. 1964	1964
19650060832	Design, development, and fabrication of a prototype centrifugal hydraulic turbine pump final report	1964
19650060833	A monte carlo study of neutron transport through aluminum, polyethylene, and carbon slabs	1964
19650060834	Development and fabrication of advanced design rate gyro summary report	1964
19650060835	<doppler velocity and position /dovap/ program< monthly progress report, 1 - 31 mar. 1964	1964
19650060838	B-iii, b-x and b-xii monthly progress report, apr. 1964	1964
19650060840	Extended apollo systems utilization study. volume xix- earth landing system final report	1964
19650060843	Dovap operational support, rocket simulation, and tracking for nike apache and nike cajun sounding rocket programs monthly progress report, jan. 1964	1964
19650060846	Micrometeorological investigation of naval missile facility point arguello, california. volume i- analysis final report, jun. 1963 - apr. 1964	1964
19650060847	Micrometeorological investigation of naval missile facility point arguello, california. volume ii- data supplement final report	1964
19650060848	Calculation of physical properties of co-operative assemblies final technical report, 1 nov. 1963 - 31 oct. 1964	1964
19650060849	Resolution of mass spectrometer data scientific report no. 1	1964
19650060851	The selection of measurements for prediction technical report no. 6103-9	1964
19650060852	Transistor circuitry multimeter development quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650060853	An evaluation of systems engineering manage- ment at the aeronautical systems division	1964
19650060854	Applied research in thin-film field-emission tubes eighth quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650060855	Electroluminescence from diamonds <elektrolumineszenz von diamant<	1964
19650060857	Elastomer research for extreme temperature insulation and ablative materials technical documentary report, mar. 1963 - jun. 1964	1964
19650060858	Uniform work function cathode studies seventh quarterly report, aug. 20 - nov. 20, 1964	1964
19650060859	Filter assembly, bendix aviation corporation part number 048280 test report	1964
19650060865	Flow field prediction and analysis for project ram - phase ii final report, nov. 1963 - feb. 1964	1964
19650060866	A cold gas, short duration technique for high altitude, underexpanded jet exhaust impingement studies	1964
19650060867	Continuous sampling of arterial blood of unanesthetized animals technical documentary report	1964
19650060868	Research on thin film tunnel cathodes, recombination cathodes, and similar cold cathodes third quarterly progress report, 15 sep. - 14 dec. 1964	1964
19650060869	Experimental high energy physics in northern italy. part i- turin, milan and padua	1964
19650060870	Experimental high energy physics in northern italy. part ii- bologna, florence and rome	1964
19650060878	Stability and rf behavior of plasma diodes	1964
19650060880	Hermetically sealed potentiometers, ormond, inc., part number apk-6-354 test report	1964
19650060884	Design, development, and demonstration of on-off-on device for solid propellant rocket motors final report	1964
19650060885	Equations of motion for a pendulous integrating gyro accelerometer	1964
19650060886	The effects of isolation, sensory deprivation and sensory rearrangement on visual, auditory, and somesthetic sensation, perception and spatial orientation annual report, 31 aug. 1963 - 1 sep. 1964	1964
19650060887	Fluid mechanics 3/4 inch relief valve for 3,000 psig pneumatic service	1964
19650060897	Dcs satellite simulator, volume ii summary report	1964
19650060900	Pressure-regulating valve. marotta model rv35c, part number 220124-23 test report	1964
19650060904	Design study of far infrared radiometer final report	1964
19650060905	Saturn s-ivb monthly technical progress report	1964
19650060908	Battleship test program. part ii- saturn s-ivb test plan static firing test program	1964
19650060910	Interagency Chemical Rocket Propulsion Group ICRPG	1964
19650060912	Calmech manufacturing corporation 1/2 inch check valve, p/n 579, 3,000 psig service nasa test report no. 10857	1964
19650060915	Delay-lock arod system study. volume ii- appendixes final report	1964
19650060918	Liquid oxygen and fuel prevalves for nasa saturn program twenty-second monthly progress report, apr. 1 - 30, 1964	1964
19650060919	Liquid oxygen and fuel prevalves for nasa saturn program twentieth monthly progress report, feb. 1 - 29, 1964	1964
19650060921	Hall current accelerator first quarterly progress report, 10 jun. - 31 aug. 1964	1964
19650060923	Snap-8 corrosion program quarterly progress report, period ending feb. 29, 1964	1964
19650060924	Binary interdiffusion in body-centered cubic transition metal systems	1964
19650060932	Investigations in computer-aided design for numerically controlled production interim engineering progress report, 1 dec. 1963 - 30 may 1964	1964
19650060937	100-kilovolt ceramic-metal thyratron quarterly progress report, 15 jul. - 14 oct. 1964	1964
19650060938	Research and development program. intrinsic reliability, subminiature ceramic capacitors quarterly report, 1 sep. - 30 nov. 1964	1964
19650060939	Project navsea sixteenth quarterly report, 9 sep. - 8 dec. 1964	1964
19650060951	Fine grain dense ferrites second quarterly progress report, 1 oct. - 31 dec. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060955	Development of a 1,500,000-lb-Thrust /Nominal Vacuum/ Liquid Hydrogen/liquid Oxygen Engine Monthly Technical Progress Report No. 26, 1 - 30 Nov. 1964	1964
19650060996	Adaptation of conventional air-breathing engines to the propulsion of the first stage of a space transporter	1964
19650061009	The influence of roughness on boundary layer transition	1964
19650061010	Bibliography	1964
19650061012	Research and development programs quarterly report, oct. - dec. 1964	1964
19650061014	Research and development of fluorine based oxidizers quarterly report, period ending jun. 23, 1964	1964
19650061015	Comparison of beyond-line-of-sight relay techniques	1964
19650061016	Bureau of naval weapons supporting research program abl/quarterly progress report no. 49, 1 jan. - 31 mar. 1964	1964
19650061018	Results of turbulent mass addition tests on a 7.5 degree cone in aedc tunnels b and c. part 1- heat transfer and pressure	1964
19650061025	Va-899 superpower microwave amplifier development program quarterly report, 1 jul. - 30 sep. 1964	1964
19650061034	Asset eleventh triannual progress report, 1 sep. - 31 dec. 1964	1964
19650061046	An applied research program to demonstrate the feasibility of a solid-propellant pulse rocket	1964
19650061047	Microchannel image converter tube studies second quarter report, 15 feb. - 15 may 1964	1964
19650061049	Analytical investigation of control require- ments for high speed low altitude penetra- tion final report, jul. 1, 1963 - may 10, 1964	1964
19650061050	Development of a digital computer program for the design of thrust vector control systems. volume i- program description	1964
19650061051	A study of propellants containing diisocya- nates. part iv- rates of gas evolution	1964
19650061054	Exploratory propellant research synthesis and preparation of info-635	1964
19650061063	Blast damage to missiles in non-flight configurations	1964
19650061068	Near field pressure for a steered array of strips	1964
19650061072	Mats communication planning. volume ii- appendixes	1964
19650061073	Composite alignment chart for use in solving the radar equation for expected signal-to- noise ratio in the radar systems	1964
19650061077	Nickel cadmium power source for acoustic transponders	1964
19650061078	High speed message entry equipment quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650061079	Bandwidth selection for communication satellite repeaters	1964
19650061080	Boundary layer control investigation. water tunnel tests ii	1964
19650061081	A theoretical study of the modification in echo area of space vehicles due to their local space environment final report, 1 jun. 1960 - 31 oct. 1964	1964
19650061091	Carrier suitability evaluation of the model f-8e/fn/ airplane final report	1964
19650061097	PGM-16D Atlas Range Capability Variation with M-2 Engine Component Replacement	1964
19650061100	Study on the water jet water pump	1964
19650061109	Study and development of super high frequency amplifier	1964
19650061111	Manufacturing in-process control and measuring techniques for integral electronics interim engineering progress report no. 2, 1 may - 31 jul. 1964	1964
19650061113	Investigation of practical techniques for coating refractory metals summary technical report, may 1963 - aug. 1964	1964
19650061114	Crystal field parameters for triply ionized neodymium in calcium tungstate	1964
19650061116	Technical folder for the udop/odop systems	1964
19650061119	Dcs satellite simulator, volume i summary report /final/	1964
19650061124	Study of gas lasers annual report	1964
19650061140	Sa-8, saturn technical information handbook, volume ii	1964
19650061142	Study of earth's atmosphere quarterly progress report, 3 jun. - 3 sep. 1964	1964
19650061150	Extended apollo laboratory module monthly progress report no. 1	1964
19650061153	Electron sensitive recording media for real-time viewing interim engineering progress report no. 1, 1 jun. - 31 dec. 1964	1964
19650061156	Effect of some heat-treat cycles on stress- corrosion susceptibility of am 355 alloy	1964
19650061159	Mats communication planning, volume i	1964
19650061171	Gamma-ray irradiation of germanium - effects of chemical impurities	1964
19650061172	Advanced electronic packaging techniques - multi-chip integrated circuit technique	1964
19650061173	Space position fixing techniques, phase ii	1964
19650061174	Manufacturing in-process control and measuring techniques for integral electronics /structural defects in single crystal semiconductors/ third interim engineering progress report, 1 oct. - 31 dec. 1964	1964
19650061177	Research and development program of thermionic conversion of heat to electricity technical summary report no. 1, 1 jul. - 31 dec. 1964	1964
19650061179	Medium bandwidth compression system /mbcs/ first semiannual report, 13 may - 30 nov. 1964	1964
19650061180	Fuel cell catalysts final report, 1 dec. 1963 - 30 nov. 1964	1964
19650061183	A feasibility design study of a modular transport and handling system for large solid rocket motors final report	1964
19650061185	Manufacturing methods for high-frequency resistance welding final report	1964
19650061186	Nonvacuum electron beam welding final report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061188	Dynamics of a two-layered timoshenko-type cylindrical shell	1964
19650061190	Research on high temperature oxidation resistant hafnium-tantalum systems first quarterly progress report, 1 may - 31 jul. 1964	1964
19650061196	Titan ii intercomplex radio communications system, davis-monthan afb. systems investigation final report	1964
19650061197	A research investigation of the factors that effect the superconducting properties of materials progress report, 15 jun. - 15 dec. 1964	1964
19650061198	A research investigation of the factors that affect the superconducting properties of materials	1964
19650061199	Surface effects in the mixed superconducting state	1964
19650061202	Photographic material suitable for in-flight processing sixth quarterly progress report, 15 sep. - 15 dec. 1964	1964
19650061203	The gain element in optoelectronic logic building blocks technical report no. 4820-1	1964
19650061205	Hot electron transport in thin copper films technical report no. 5059-1	1964
19650061206	A laboratory investigation of the efficacy of a dispersion of molybdenum disulphide in oil as a turbine lubricating oil	1964
19650061207	Phenomenon of superconductivity progress report, jun. 1 - nov. 30, 1964	1964
19650061208	Magnetization studies	1964
19650061209	The high field and normal state properties of nb3sn	1964
19650061210	Critical current measurements	1964
19650061211	High-temperature critical current of nb3sn	1964
19650061212	Neutron damage of nb3sn	1964
19650061213	Thermal and magnetic properties of type ii superconductors in high fields	1964
19650061214	Growth by transport reaction	1964
19650061215	Correlation of grain size of nb3sn with the critical current of nb3sn ribbon	1964
19650061216	Refractory metal alloys and their superconducting properties	1964
19650061218	High power dummy load second quarterly report, 30 sep. - 31 dec. 1964	1964
19650061219	The detection of modulated laser beams c.v.d. annual report	1964
19650061222	Engineering techniques for space cabin design	1964
19650061225	The proof, leak, and burst testing of inconel pressure vessel pv-3. cryogenic storage subsystem naa/s and id, project apollo	1964
19650061226	Round-robin program for tensile testing of silver-infiltrated tungsten. polaris propulsion development	1964
19650061227	Evaluation tests on batteries, storage, lead- acid, type ultra start 2sm	1964
19650061228	Research on the thermal properties of zirconia	1964
19650061229	Systems study for lunar reconnaissance probe, part ii final report	1964
19650061231	Design evaluation study of the s-1c stage transporter	1964
19650061232	Hot extrusion of mgo	1964
19650061233	Review of base heating flight test data- titan ii missiles n-25 and n-26	1964
19650061234	Compressive strength of a corrugated titanium sandwich panel	1964
19650061235	Polycrystalline vacuum cast copper. final report	1964
19650061236	Dual gap ebw system study final report	1964
19650061238	National multipurpose space station utilization outline	1964
19650061239	Booster attitude stabilization network synthesis summary report no. 3	1964
19650061240	Propellant behavior in zero gravity final report	1964
19650061243	Fluids, lubricants, fuels and related materials technical report, 15 dec. 1962 - 14 dec. 1963	1964
19650061246	Far infrared quantum counting annual report	1964
19650061247	Human reliability data, chart observer error	1964
19650061249	Hypersonic waves in piezoelectric crystals c.v.d. annual report, nov. 1964	1964
19650061251	Optical and infrared properties of al2o3 at elevated temperatures	1964
19650061252	Recovery report, test 158	1964
19650061254	A study of backward wave amplifiers c.v.d. annual report, nov. 1964	1964
19650061255	Inorganic dielectrics research progress report, aug. 1 - oct. 31, 1964	1964
19650061256	A rapid calorimetric method of estimation of hydroxyl groups	1964
19650061258	Broad band high power travelling wave tubes annual report	1964
19650061259	Determination of the mechanism of inhibitive chromate primers quarterly progress report, jun. 22 - sep. 22, 1964	1964
19650061260	Chemical blanking of ti 8-1-1	1964
19650061261	Electron beam-ion plasma interaction third annual report	1964
19650061262	Study of parametric amplifiers in duplexing systems annual report	1964
19650061263	Magnetron injection guns terminal report, nov. 1964	1964
19650061264	Study of crossed-field reentrant beam electron devices /magnetron and amplitron/ quarterly progress report, 15 jun. - 14 sep. 1964	1964
19650061265	Exploratory test of longitudinal strakes to improve weapons effectiveness of f-104 series aircraft technical documentary report, oct. 1963 - jan. 1964	1964
19650061267	Oxidation-addition reactions of some group iv organometallic compounds and a preliminary study of the thermal stability of some metal benzoates technical documentary report, feb. 1962 - apr. 1963	1964
19650061268	Occlusion of diamond dust in chromium plating on steel substrates	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061270	Network timing for communication satellites	1964
19650061273	Research on man-machine relationships in prelaunch checkout of advance space vehicles quarterly progress report no. 2, 1 sep. - 1 dec. 1964	1964
19650061274	Liquid propellant losses during space flight	1964
19650061275	Pulse counting detectors for low energy particles and high energy photons third bi-monthly report, 10 aug. - 10 oct. 1964	1964
19650061306	An automated system for handling defense contractor long-range financial programming information	1964
19650061311	Fabrication of carbide coated taps by electrophoretic deposition interim technical documentary report no. 4, 1 nov. 1963 - 31 jan. 1964	1964
19650061312	Effective stress-strength behavior of compacted stabilized soils phase report no. 3	1964
19650061315	Electronic equipment interference characteristics-communication type quarterly report no. 6, 15 jul. - 15 oct. 1964	1964
19650061318	Investigation of microwave duplexer switching mechanisms quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650061319	Preparation and reactions of hydrazinoperfluoroaromatic compounds technical documentary report, sep. 1962 - jun. 1963	1964
19650061321	Rapid separation of indium from tin by sublimation. formation of in121 in fission of u235	1964
19650061324	Design of active butterworth filters using tables	1964
19650061325	Development of digital data terminal for short-range hf transmission circuits first quarterly progress report, 15 jul. - 30 oct. 1964	1964
19650061326	Generation of accurate frequency-sweep waveforms by direct synthesis technical report no. 99	1964
19650061327	Report on the redesigned fuel accumulator to provide low friction	1964
19650061328	Interactions among bandwidth, center frequency, and type of distortion in speech intelligibility	1964
19650061329	Tungsten alloys for rocket nozzles quarterly progress report, nov. 1963 - jan. 1964	1964
19650061330	Test results of four wear-resistant coatings	1964
19650061338	Category ii testing of a system for takeoff weight /stow/ final technical report	1964
19650061339	Transconductant quartz filter with a large band-width in a branch circuit	1964
19650061344	Investigation of microwave dielectric- resonator filters quarterly report, 1 sep. - 30 nov. 1964	1964
19650061345	Formant vocoder speech compression system /experimental model/ final report, 1 feb. - 31 oct. 1964	1964
19650061346	System safety engineering as a technical discipline	1964
19650061348	Electroacoustic digital computer peripheral memory quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650061350	A primate phantom for use in radiobiology	1964
19650061388	156-Inch Diameter Large Solid Motor Test Proves Feasibility	1964
19650061392	Variable Dynamic Force Vector Rocket Test Apparatus	1964
19650061393	Rocket-Motor Spin-Test Apparatus	1964
19650061411	A study of the fundamentals of liquid propellant sensitivity final technical report, oct. 14, 1963 - oct. 14, 1964	1964
19650061415	Flight feasibility study of the xlr-1 mortar boosted liquid rocket powerplant	1964
19650061419	Applied research study on satellite communications final report, 1 jul. 1962 - 31 jan. 1964	1964
19650061420	Research and development programs quarterly report, jul. - sep. 1964	1964
19650061421	Basic chemical research for advanced storable liquid oxidizers annual summary report, oct. 1, 1963 - sep. 30, 1964	1964
19650061424	Research on ultra-high impulse propellant systems annual report, jan. 1 - dec. 31, 1964	1964
19650061428	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. part ii- technical information. volume 4- dynamic analysis and tests - airframe technical report, 1 oct. 1963 - 31 dec. 1964	1964
19650061429	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. part ii- technical information. volume 12- controls - flyaway technical report, 1 oct. 1963 - 31 dec. 1964	1964
19650061430	Repetitive strong shock generation and proposed flexible shock-absorber system	1964
19650061443	Aerodynamic characteristics of reaction jet control devices and fins with gap a bibliography, 1950 - jul. 1964	1964
19650061444	Feasibility study of liquid-propellant gas generation for army applications	1964
19650061445	High energy propellants from nitrogen- fluorine compounds - vii	1964
19650061447	Analytical and experimental investigations of chemical ramjet engine components for low altitude application final report, 21 oct. 1963 - 15 oct. 1964	1964
19650061453	Instrumentation operations analysis part iib of the firing test report saturn vehicle sa-6	1964
19650061456	Development of a launch vehicle systems cost model second progress report	1964
19650061457	Objects from uranium dioxide	1964
19650061458	Nike-x study availability of nuclear and conventional steam power plants. part a- an analysis of the availability of nuclear and conventional steam power plants	1964
19650061459	Tapping large diameter holes in 8-1-1 titanium	1964
19650061460	Project trade post, test area f multiplex characteristics final program report	1964
19650061461	Studies on high power gaas lasers third semiannual technical summary report, may 31 - dec. 31, 1964	1964
19650061462	Effects of zone, nitrogen oxides, and solar ultraviolet radiation on the supersonic transport	1964
19650061463	Environment stabilization of data processors program second quarterly report, 1 sep. - 30 nov. 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061464	Experimental techniques in electro-fluid dynamic energy conversion research	1964
19650061466	Electron beam welding in variable environments interim technical documentary progress report, 15 oct. 1963 - 14 jan. 1964	1964
19650061468	Research on millimeter-wave generation techniques quarterly report no. 5, 1 jul. - 30 sep. 1964	1964
19650061476	Flame-sprayed metallic and ceramic coatings for army applications	1964
19650061478	Investigation of factors affecting early exploitation of integrated solid circuitry. volume i- cost analysis of ie devices interim technical documentary progress report, 1 dec. 1963 - 1 mar. 1964	1964
19650061480	Application study for large solid motor, volume ii summary report	1964
19650061482	Methods for dc to ac conversion semiannual status report	1964
19650061489	Turbulent mixing in the chemically reacting wake	1964
19650061494	Beta spectra. ii- spectra of individual negatron emitters	1964
19650061496	Analysis of an electric arc discharge in high density gas, to 105 psi	1964
19650061497	Development of a ku-band crossed-field amplifier second interim development report, 30 sep. - 31 dec. 1963	1964
19650061498	Airesearch model gtcp100-51-1 powerplant - 300-cycle start-stop and endurance tests using jp-5 fuel	1964
19650061499	System development test and evaluation of the f-101b tow system	1964
19650061500	Search for radioprotective compounds. part iii- radioprotective properties and toxicities of 2/n-alkyl/aminopropylthiosulph- uric acids	1964
19650061501	The separation of remanent from induced magnetism of near-surface rocks by means of in situ measurements	1964
19650061502	Field calorimetry/ir instrumentation-data reduction quarterly technical report, 16 sep. - 16 dec. 1964	1964
19650061504	Ultrasonic attenuation studies of die block steels	1964
19650061506	Non-linear devices quarterly report, 1 jul. - 30 sep. 1964	1964
19650061507	Acoustic telescope final report	1964
19650061508	Research project rp7/13 - investigation of cathode coating adhesion 7th interim report	1964
19650061509	Bonding agents for ceramic materials	1964
19650061511	The application of the bernoulli theorem in zones of separation	1964
19650061513	An analysis of the stress conditions that could develop in a solid fuel rocket motor progress report, jan. 1 - apr. 31, 1964	1964
19650061514	Study of high current density cathodes progress report, period ending 30 nov., 1964	1964
19650061515	Study of low noise travelling wave tubes final report	1964
19650061516	Characterization of plasma-arc-sprayed tungsten. polaris propulsion development	1964
19650061517	Gallium arsenide variable capacitance diodes third annual report	1964
19650061518	Structures for high power travelling wave tubes third annual report	1964
19650061519	Mobile mid-range ballistic missile guidance and control subsystem nuclear radiation hardening handbook, issue no. 1	1964
19650061522	Application of dynamic programming to stochas- tic time optimal control	1964
19650061523	Age life study of x248 and x254 motors and firing x254 motor s/n f-25	1964
19650061524	Project trade post. test areas b, c, h, and i- baseband noise, distortion, characteristics, and performance final program report	1964
19650061525	Cold emission final report	1964
19650061526	Project trade post. test area e- satellite command and control final program report	1964
19650061527	Development of a four-ball wear test method for lubricating greases	1964
19650061528	Applicability of inertialess scanning techniques to the design of surveillance radar antennas quarterly report, 1 aug. - 31 oct. 1964	1964
19650061529	Design study for amrad anti-clutter fence	1964
19650061533	Criterion for capsule rupture, special report on containment capsule impact safety study	1964
19650061535	Environmental control system, power subsystem evaluation, /lf/ 00-08 and gtm 021 launch operations et-iii-i, -3, and -4	1964
19650061536	Research in doped germanium photoconductors semiannual summary report no. 3, sep. 1 - nov. 30, 1964	1964
19650061537	Research on the deflagration of high-energy solid oxidizers quarterly technical summary report no. 8, mar. 1 - may 31, 1964	1964
19650061539	Research on improvement of far-infrared pickup tubes first quarterly report, 1 apr. - 30 jun. 1964	1964
19650061541	Advanced oxidizer research final report, 1 jan. - 31 dec. 1964	1964
19650061546	Research on improvement of far-infrared pickup tubes second quarterly report, 1 jul. - 30 sep. 1964	1964
19650061548	Wind tunnel investigation of a 1/6-scale f-111 inlet from mach 1.8 to 2.5, phase ii	1964
19650061551	Acoustic disturbances produced by point sources in an isothermal, variable density atmosphere	1964
19650061552	Further considerations relating to solid particles shed from charring ablator reentry vehicles	1964
19650061566	Project abres/ramp <trap 1 /127/< measurement of re-entry radiation	1964
19650061570	Laterally maneuvering re-entry vehicles	1964
19650061571	Model validation data on a double canceller mti with velocity response shaping and staggered prf final report, feb. - apr. 1964	1964
19650061573	Modification of design procedures due to reentry vehicle flight test data	1964
19650061582	Flexible-rotor design	1964
19650061592	Small prolate spheroidal antenna in a dissipative medium	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061595	Project trade post- test area a. antenna performance and correlation data final program report	1964
19650061602	A study of information flow in multiple- computer and multiple-console data processing systems	1964
19650061607	Project trade post. test area d, path characteristics final program report	1964
19650061608	Development of high speed detector final report, 30 jun. 1960 - 15 oct. 1964	1964
19650061609	Research and development of a v-band 3.2 millimeter magnetron quarterly status report, 15 aug. - 15 nov. 1964	1964
19650061611	<virtual molecular orbital methods applied to properties of diatomic molecules> quarterly summary report, oct. 1 - dec. 31, 1964	1964
19650061613	Kinetic theory of weakly ionized plasmas in a magnetic field	1964
19650061614	Synthetic phenol-formaldehyde resin in photoelasticity	1964
19650061615	On the measurement of very low pressures with the mcLeod gauge	1964
19650061617	Project shoal- seismic measurements at sandia stations final report	1964
19650061618	The effect of overstimulation and internal factors on the function of the inner ear progress report, 1 jan. 1963 - 1 jan. 1964	1964
19650061620	The east japan and west japan volcanic belts- why are the volcanoes there/ques/	1964
19650061621	Preliminary investigation of the usefulness of analog correlation in relation to multipath acoustic transmission problems	1964
19650061626	Microwave phase shifters for inertialess scanning /non-reciprocal/ quarterly report, 1 oct. - 31 dec. 1964	1964
19650061627	Microwave ferrite devices /octave bandwidth y-junction circulators/ ninth quarterly report, 1 aug. - 15 nov. 1964	1964
19650061636	Application of large solid rocket motors /appendixes/ final technical report	1964
19650061637	Application of large solid rocket motors /vehicle control analysis - launch site studies - launch operations - test requirements/ final technical report	1964
19650061639	Study of passive decoy techniques for supersonic vehicles	1964
19650061640	Study of scientific mission support of a lunar exploration system for apollo /lesa/ interim report no. 1	1964
19650061645	Dynamic design analysis of the saturn v launcher-umbilical tower /l-ut/ final report	1964
19650061646	Solution of the supersonic flow field around an oscillating circular cone	1964
19650061654	Food management system, life support system, specification for	1964
19650061658	Oxygen recovery system evaluation for space flights of one year duration	1964
19650061659	Atmospheric contaminant control subsystem, evaluation for space flights of one year duration	1964
19650061663	Prediction of ventilation jet characteristics for a zero gravity environment. life support system for space flights of extended time periods	1964
19650061664	Water management subsystem operational description. life support system for space flights of extended time periods	1964
19650061665	500 deg c silicon carbide rectifier program final technical report, aug. 28, 1961 - aug. 28, 1964	1964
19650061666	Dyna-soar communications and tracking subsystem	1964
19650061672	Launch control system test reports. network resolution area	1964
19650061674	Diode-resistor shaping network voltage input-current output	1964
19650061675	The direct asymmetric hypersonic blunt-body problem	1964
19650061677	Low-level inversions and wind during summer nights near lake erie	1964
19650061678	Tactical downhill radio relay system /phase ii/ final report	1964
19650061680	Research and development of cathodoluminescent phosphor with high-intensity ultraviolet emission first quarterly progress report, 1 aug. - 31 oct. 1964	1964
19650061681	Functional circuit units final report, period ending 31 jul. 1964	1964
19650061684	Development of high temperature grease for high speed ball and roller bearings quarterly report, may 1 - jul. 31, 1964	1964
19650061695	A simple photometric method of gage measurement for complete evaluation of the planar stress condition on photoelastic models	1964
19650061698	Program glow semiannual technical report, 1 jul. - 31 dec. 1963	1964
19650061706	A study of trounce for dash control final report, may 1962 - jul. 1963	1964
19650061710	Basic chemical research for advanced storable liquid oxidizers fifth quarterly report	1964
19650061720	Antitank missile guidance and control. an annotated bibliography	1964
19650061724	Anti-jamming techniques. part i- theoretical analysis task report, 1 jul. 1962 - 15 aug. 1963	1964
19650061736	High efficiency s-1 photocathode processing techniques interim development report no. 4, 1 aug. - 30 nov. 1964	1964
19650061742	Experimental evaluation of the heats of formation of c-h-o-n-f-b compounds quarterly technical summary report no. 3, dec. 16, 1964 - mar. 15, 1965	1964
19650061744	Study and improvement of the s-1 photoemissive surface fifth quarterly report no. 15 1 may - 24 jul. 1964	1964
19650061747	Advance design array radar /adar/ semiannual report	1964
19650061748	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. part ii- technical information. volume 7- reliability, maintainability and value engineering - flyaway technical report, 1 oct. 1963 - 31 dec. 1964	1964
19650061749	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. part ii- technical information. volume 8- nuclear radiation effects test no. 9 - flyaway technical report, 1 oct. 1963 - 31 dec. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061750	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. part ii- technical information. volume 13- flight test subsystems - flyaway technical report, 1 oct. 1963 - 31 dec. 1964	1964
19650061751	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. part ii- technical information. volume ii- guidance and mission control - flyaway	1964
19650061752	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle part ii- technical information. volume 21- inlet analysis and tests	1964
19650061756	An extended-range unsaturated ion-chamber radiacmeter	1964
19650061757	A fluorometer for chemical dosimetry	1964
19650061758	Research conducted on secretary of the army electron research and study fellowship on paramagnetic resonance /epr/ and spectrophotometric study of chelate complexes	1964
19650061759	Electron paramagnetic resonance studies of titanium /iii/ ions with complexing compounds	1964
19650061760	Mixed chelate compounds of titanium /iii/ as studied by electron paramagnetic resonance and spectrophotometry	1964
19650061761	The volumetric determination of manganese in ores	1964
19650061762	The photometric determination of titanium with acetylacetone	1964
19650061763	Electron paramagnetic resonance and spectrophotometric study of ti /iii/-chelate compounds with nitrilo tricarboxylic acid and its derivatives	1964
19650061764	Electron paramagnetic resonance study of the ti /iii/-tartrate complex with zinc and with zinc triethanolamine	1964
19650061765	Anisotropy of g values and of spin-spin interaction constants of chelated vanadyl ions	1964
19650061766	Significance of the shape of epr signals of ti /iii/ ions with chelating agents of varying structures	1964
19650061767	Vlf envelope timing experiment quarterly progress reports, 8 dec. 1963 - 7 jun. 1964	1964
19650061772	Description of the computerized reliability analysis method /cram/	1964
19650061775	Ultra-selective uhf preselector for radio receiving set final contract report, 1 apr. - 31 dec. 1964	1964
19650061778	Tapered structures for travelling wave tube amplifiers annual report	1964
19650061779	Dais- defense automatic integrated switch - concept and test model	1964
19650061780	An investigation of techniques and materials for reliable valves progress report, jul. - dec. 1963	1964
19650061781	Low-frequency airborne antenna system final report, 1 may - 30 jul. 1964	1964
19650061783	Gaas surface investigations annual report	1964
19650061784	First rise time magnetrons first annual report	1964
19650061785	Infrared detectors interim report, nov. 1, 1963 - jan. 31, 1964	1964
19650061786	Leak and proof tests of inconel pressure vessel dt-2 test report	1964
19650061792	Research and experimentation- chemical propulsion, 1 july - 30 september 1964	1964
19650061797	Chemistry of the si-n bond, parts iv & v- reaction of isocyanates with cyclic silazanes and with the si-n-bond	1964
19650061799	Programmed instruction technology for ballistic weapons systems	1964
19650061800	Optical pumps for lasers. task a- a survey of laser material characteristics	1964
19650061803	Convergent automatic-synthesis procedures for sampled-data networks with feedback	1964
19650061804	Ch-113 flight test program, march 1961 - september 1964	1964
19650061808	Chimpanzee performance during eight days of simulated orbital flight	1964
19650061812	On evaluation of matrix methods for nonlinear biaxial stress analysis	1964
19650061814	Feasibility of a 100-watt engine-generator fired with producer gas	1964
19650061815	Hybrid fuel cell-solar cell space power subsystem capability technical documentary report, 1 apr. - 30 may 1964	1964
19650061818	Flight determination of wing flow patterns and buffet boundaries for the fairey delta 2 aircraft at mach numbers between 0.4 and 1.3, and comparison with wind tunnel results	1964
19650061819	The optimum design of a parallel route structure for air traffic from london to new york for various separation standards	1964
19650061821	The fatigue crack propagation characteristics of hs3owp aluminum alloy	1964
19650061822	The flow of a jet from the nose of an axisymmetric body in a supersonic airstream	1964
19650061825	A study to improve the low-level meteorologi- cal simulator fourth quarterly report, 1 sep. - 31 dec. 1964	1964
19650061827	The gyromagnetic coupling filter/limiter annual report	1964
19650061828	Initial results of vhf field strength measurements over irregular terrain using low antenna heights	1964
19650061832	Metal-ceramic seal technology first annual report	1964
19650061836	Investigation of heterojunctions annual report	1964
19650061837	Microbiological corrosive effects on structural materials used in aircraft fuel tanks quarterly progress report no. 5, 1 nov. 1963 - 31 jan. 1964	1964
19650061840	Microbial involvement in metals corrosion and degradation of protective coatings	1964
19650061841	Radiation transfer and interaction of convection with radiation heat transfer	1964
19650061842	Alss payloads. volume i- summary first interim report	1964
19650061843	Alss payloads. volume ii- selected concept description first interim report	1964
19650061844	Alss payloads. volume iv- cabin systems	1964
19650061845	Alss payloads. volume v- power systems first interim report	1964
19650061846	Alss payloads. volume vi- astronics systems first interim report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061847	Alss payloads. volume vii- tiedown and unloading systems first interim report	1964
19650061848	Alss payloads. volume viii- system analysis first interim report	1964
19650061849	Alss payloads. volume ix- reliability and quality assurance first interim report	1964
19650061850	Investigation of cost/reliability relationships. volume i- cost/reliability research final report	1964
19650061854	Flow calculations for lc-39 lut gas distribution and regulation system	1964
19650061855	Performance characteristics of electro-fluid dynamic energy conversion process employing viscous coupling	1964
19650061858	Project apollo. bias and drag effects on orbit determination - case 20061-3	1964
19650061860	Kinetics and mechanism of reactions of aromatic hydroxy compounds with nitrous acid and nitric acid in non aqueous solvents final technical report	1964
19650061862	Magnetron injection gun research first annual report	1964
19650061864	Spectrophotometry of atmospheric emissions technical summary report, 15 sep. - 15 dec. 1964	1964
19650061865	General properties of electron gas	1964
19650061866	New compounds of transition metals final report, 1 dec. 1963 - 31 dec. 1964	1964
19650061868	Investigation of factors affecting early exploitation of integrated solid circuitry. volume ii- computer analysis of integral electronic devices interim technical documentary progress report, 1 dec. 1963 - 1 mar. 1964	1964
19650061869	Radiation effects program. volume 1- sections 1 through 5 summary report	1964
19650061870	Radiation effects program. volume 2- appendixes 1 - 7 summary report	1964
19650061875	The thermal decomposition of 1,4-bis /pentafluorophenylthio/ tetrafluorobenzene	1964
19650061876	Wind tunnel interference in dynamic measurements	1964
19650061877	Weathering of fibrous nylon and assessment of some protective treatments	1964
19650061880	Welded connections for electronic packages	1964
19650061881	Transient lift and moment functions for wings in low-speed flight	1964
19650061882	Non-linear theory for slender wings in sudden plunging motion	1964
19650061883	Energy dissipation due to retarded force reactions final report	1964
19650061884	Radiation behavior of walls	1964
19650061887	The effect of flow rate on the ability of parotid fluid to bind calcium	1964
19650061888	Properties of pyridinyl radicals semiannual progress report	1964
19650061890	Advanced polymer research to develop polymers for use in coatings exposed to extreme environments progress report, 15 jun. 1963 - 15 dec. 1964	1964
19650061892	Ion generation by corona discharge for electro-fluid dynamic energy conversion processes	1964
19650061894	Degradation of organic coatings by irradiation with light. 1- volatile products from ultraviolet irradiation in air	1964
19650061896	Gas-chromatographic analysis of mixtures of inorganic fluorides	1964
19650061898	Tighter tolerance crystal units final report, jun. 1963 - nov. 1964	1964
19650061899	Resonant geodesy	1964
19650061900	Research on compact and efficient antennas progress report, 1 jul. - 30 oct. 1964	1964
19650061901	Radiative transfer in extended stellar atmos- pheres scientific report no. 1	1964
19650061904	The influence of minor additions of foreign atoms on natural ageing of binary a1-zn alloys	1964
19650061908	Computations of theoretical ray intensities and propagation losses utilizing a curvilinear sound velocity profile final report	1964
19650061913	Semiconductor injection laser annual report	1964
19650061915	Heats of formation of compounds containing b, be, al.and li administrative report no. 16, 31 mar. - 30 jun. 1964	1964
19650061916	Aspects of solid state lasers annual report	1964
19650061917	Epitaxial growth of thin films of semiconduc- tors	1964
19650061918	Electrical leakage across ceramic surfaces first annual report	1964
19650061919	<response of a thin shell to a shock wave< progress report, 1 oct. - 31 dec. 1963	1964
19650061920	Application of thin films to microwave crystals annual report, 1964	1964
19650061921	Investigation of broad band luminescence and phototropism in rare earth chelates final report, 25 jun. - 23 dec. 1963	1964
19650061922	Saturable filter investigation semiannual technical report, 1 jul. - dec. 1963	1964
19650061928	Physical properties of new high temperature polymers and the relationships between chemical structure and their properties technical documentary report, 15 jun. 1963 - 15 jun. 1964	1964
19650061933	Apollo communications and tracking system-on- site processing of tracking data, case 20061	1964
19650061935	A general computer program to assist in computing space communication coverage information, case 215	1964
19650061937	Tests on the stress distribution in notched tensile bars	1964
19650061940	A contribution on the theory of paper and thin-layer chromatography	1964
19650061943	Atmospheric water vapor measurements on the greenland ice cap interim report	1964
19650061946	Development of high thermal conductivity electrical embedding compounds	1964
19650061948	An analysis of non-jet traffic crossing the north atlantic on 7th and 8th september 1962	1964
19650061950	Investigation of stabilizing networks used for the measurement of radio interference	1964
19650061954	Safety for automatic landing - performance aspects. the b.l.e.u. theme for the r.a.e. bedford open day, may 29th 1964	1964
19650061956	An assessment of semiconductor strain gauges, part i	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061957	Combustion instability- radiation from premixed flames of variable burning velocity	1964
19650061966	Rex-3 reentry vehicle thirty-day flight test report	1964
19650061976	[No Title]	1964
19650061978	Is laser radiation classical/ques/	1964
19650061980	The effects of internal waves in the easterlies on mesoscale weather developments interim report, 1 jul. - 31 dec. 1964	1964
19650061982	Cumulus convection and orographic convection cells Fifth technical report, 1 Jun. - 30 Nov. 1964	1964
19650061983	Development of a microelectronics processor interim engineering progress report, 1 may - 1 jul. 1964	1964
19650061984	The compatibility of structural materials with hybaline a-5 and compound a technical summary report, dec. 1963 - oct. 1964	1964
19650061986	H-1 informal technical progress report, june 1964	1964
19650061989	A critical evaluation of the alpine air jet siever interim report	1964
19650061993	Study program 225 - 400 mc am tranceiver final report, may 1963 - aug. 1964	1964
19650061995	High-strength alloy conductors	1964
19650061998	Soviet developments in gas turbine power plants	1964
19650062000	Magnetic properties of itinerant electrons. i- ferromagnetism	1964
19650062010	Radar return-pulse digitizing and recording system	1964
19650062013	Catalogue of all technical notes and reports published by chemistry, physics and metallurgy department from december 1962 to august 1964	1964
19650062015	Saturn v service and access arms handling and transportation report	1964
19650062023	<development of a frequency combiner< monthly progress report, oct. 13 - dec. 10, 1965	1964
19650062025	Data compression study monthly progress report no. 3, 15 nov. - 15 dec. 1964	1964
19650062031	A queueing problem encountered in an adaptive telemetry data compression system technical report no. 4	1964
19650062034	Design of a field-effect transistor commutator for space telemetry application	1964
19650062037	A comparison of objective hurricane forecasting methods and attempts to combine two or more of these methods	1964
19650062040	Mean pressure method for scaling explosions in a non-uniform atmosphere	1964
19650062042	Improving the reliability of digital systems by redundancy and restoring organs technical report no. 4816-2	1964
19650062052	On pressure fluctuations under turbulent boundary layers	1964
19650062057	Technical progress report on pilot plant operations technical report no. 160, 1 jul. - 30 sep. 1964	1964
19650062063	A phenomenological description of wake properties related to radar scattering	1964
19650062065	Continuing services to the 4961 spo systems analysis and integration, programming, orbit determination and maintenance final report	1964
19650062067	Microwave energy coupling through re-entry plasmas final report	1964
19650062071	Solid propellant synthesis and evaluation semiannual progress report no. 1, 1 apr. - 1 oct. 1964	1964
19650062072	Multilayer total reflection photocathode studies final technical report, 1 nov. 1962 - 31 may 1964	1964
19650062076	Phosphor film efficiency study final technical report, 15 apr. 1963 - 14 dec. 1964	1964
19650062081	Aerodynamic and stability characteristics of several supersonic, air-breathing missile configurations. phase ii-effects of low-aspect-ratio, elliptical-based, conical wing tanks	1964
19650062090	Experimental evaluation of advanced liquid propellants semiannual report no. 4, 1 apr. - 1 oct. 1964	1964
19650062094	Solid propellant instability of combustion status report and recommendations, 1964	1964
19650062099	Atlas range capability variation with ma-3 engine component replacement	1964
19650062106	Progress report number thirty five, 1 october - 31 december 1964	1964
19650062108	Research and development of a high energy non-aqueous battery quarterly technical report, jun. 18 - sep. 18, 1964	1964
19650062109	Chaparral summary	1964
19650062113	The effect of afterbody shape upon far wake observables	1964
19650062118	Application of large solid rocket motors /summary/ final technical documentary report	1964
19650062119	Study and development of image intensifiers /channel focused/ interim report, 1 jun. - 1 sep. 1964	1964
19650062132	Contained passive relay study second quarterly progress report, 15 jun. - 15 sep. 1964	1964
19650062133	Research on the thermicon image tube quarterly report, jul. 10 - oct. 9, 1964	1964
19650062141	Periodically elevated radar study sixth quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650062161	The effects of additions of 1 percent iron and 1 percent nickel and of prestrain on the age-hardening of an aluminum-2.5 percent copper-1.2 percent magnesium alloy	1964
19650062162	The development of a shuttle lubrication pump for bs5 catapults	1964
19650062164	A dynamic store utilising capacitor memory	1964
19650062167	The evaluation of a flow proportioner for a propellant mixture ratio control system	1964
19650062171	4.4mm near-earth antenna multipath pointing errors	1964
19650062195	Electron diffraction and bremsung <uber die beugung und bremsung der elektronen<	1964
19650062196	Electronic equipment characteristics-radar types third quarterly progress report, 15 aug. - 15 nov. 1964	1964
19650062197	Metallurgical investigation of leakage in missile b-58 stage i oxidizer feed line bellows /s/n - 47/	1964
19650062203	Microelement resistors. micromodule program extension ii	1964
19650062208	Design and development of mechanical modular programmer monthly progress report, 1 oct. - 30 nov. 1964	1964
19650062215	Athena vehicle insulation property evaluation of insulating materials test	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062224	Injection luminescence in silicon carbide second annual report	1964
19650062226	Investigation of electron bombardment induced conductivity fourth annual progress report, period ending nov. 1964	1964
19650062227	Discharge current limitations in thyratron grids first annual report	1964
19650062228	Effect of extrusion processing on environmental stress cracking resistance of polyethylene sheathing compounds	1964
19650062241	Linear filtering of deterministic signals corrupted by stationary noise	1964
19650062242	Acoustic filters, a state-of-the-art summary, phase v	1964
19650062243	A miniature spiral bourdon tube pressure transducer	1964
19650062244	A method of determining the normal modes and frequencies of a helicopter rotor blade	1964
19650062262	Marshall space flight center data center	1964
19650062281	Apollo unified s-band test program monthly report, nov. 1 - dec. 1, 1964	1964
19650062282	Development of high temperature grease for high speed ball and roller bearings quarterly report, feb. 1 - apr. 30, 1964	1964
19650062290	Modulation analyzer first quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650062291	Development of welding procedures and filler materials for joining high strength low alloy steels sixth quarterly progress report, 15 sep. - 15 dec. 1964	1964
19650062292	Development of rolling process for titanium compressor blades interim engineering progress report, 1 sep. - 30 nov. 1964	1964
19650062295	Vehicle engineering, materials engineering and development- measurement of thermal radiation characteristics	1964
19650062296	Nuclear propulsion in manned aerospace systems	1964
19650062297	Factor analysis of data matrices, part iii	1964
19650062299	Dynamic gas blending rig for the calibration of trace analysers	1964
19650062300	An attenuation kernel for the bailey model solar proton event	1964
19650062303	Effective mars mission radiation doses	1964
19650062304	Research on high power windows fifth annual progress report, period ending nov. 1964	1964
19650062306	A 500 mc/s ring counter	1964
19650062307	Cosmic radiation shielding of space vehicles by axially symmetric electric currents	1964
19650062308	An integrated research effort on high-energy hybrid propellants follow-on planning document cost proposal	1964
19650062309	Investigations concerning the possible existence of n, n2 and n3 radicals tenth letter progress report, 1 oct. - 31 dec. 1963	1964
19650062312	Investigation of electrical power sources for missile-borne applications	1964
19650062317	3 inch-xxs-sst pipe expansion nasa test report no. 10905	1964
19650062321	<radar parameters and color displays for aircraft flight aids for aerial mapping-> monthly progress report, 1 sep. - 1 oct. 1964	1964
19650062325	Mrir/pcm ground station first quarterly report, 1 jul. - 1 oct. 1964	1964
19650062326	Radiation protection for manned orbiting space stations	1964
19650062334	The registration of earthquakes at blue mountains seismological observatory, cumberland plateau seismological observatory, tonto forest seismological observatory, uinta basin seismological observatory, and wichita mountains seismological observatory during august 1964, volume 3, no. 8	1964
19650062336	Aeroballistic range development surveys of soviet-bloc scientific and technical literature	1964
19650062337	Certain applications of the binomial distribution	1964
19650062338	Tetrahedral research satellites. volume ii- experiments and results final flight report	1964
19650062339	Experimental investigation of the absorption of infrared radiation semiannual technical summary report	1964
19650062340	Communications and tracking for the x-20a /dyna-soar/ technical documentary report, may 1960 - 1963	1964
19650062341	Properties of ferrimagnetic materials for microwave applications	1964
19650062343	Certain mathematical techniques useful in the statistical design of experiments and analysis of test data	1964
19650062345	Tests on environmental testing of dc, permanent magnet motors test report no. 106	1964
19650062347	Results of a search for storage degradation data on component parts	1964
19650062350	Water tunnel measurements of turbulent skin friction on six different compliant surfaces of 1 ft. length	1964
19650062351	"melinex" polarizer for the near infra-red	1964
19650062353	Apco 1/4 inch manual regulator, p/n 1342xit, 6,000 psig service, 0 to 1,000 psig outlet pressure nasa test report no. 10810	1964
19650062355	Nerva components irradiation program. volume 2- gtr tests 12 and 12a	1964
19650062357	Miniaturized single camera avcs study monthly progress letter no. 3, dec. 1964	1964
19650062361	Electrothermal engine research and development fourth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650062363	Control components 9/16 inch check valve p/n vc109a 6,000 psig service nasa test report no. 10822	1964
19650062364	Nuclear rockets for long-range national space objectives	1964
19650062366	Nasa system design and research bimonthly progress report 1 aug. - 30 sep. 1964	1964
19650062369	Investigations at vlf utilizing phase comparison records scientific report no. 31	1964
19650062370	A system for presenting steering information during visual flight /the head-up display/. part 3- the influence of errors and limita- tions	1964
19650062373	Papers presented at unclassified sessions of "a symposium on electromagnetic warfare," november 14-15, 1963, part ii	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062374	Millimeter wave technology	1964
19650062375	Atmospheric transmission characteristics of millimeter radio waves	1964
19650062376	Some problems of communicating through the hypersonic plasma sheath	1964
19650062377	3.2 millimeter devices	1964
19650062378	Millimetric wave and optical beam waveguides	1964
19650062379	Limitations on seeing at very low levels	1964
19650062380	Millimetric wave diffraction gratings	1964
19650062381	Consideration of laser receiving systems	1964
19650062382	Magnetic recording	1964
19650062383	Advanced magnetic-recording techniques and equipment	1964
19650062384	The design of satellite tape recorders- after tiros i	1964
19650062385	High-packing-density digital recorder for the gemini spacecraft	1964
19650062386	Magnetic head development and design	1964
19650062387	Head-tape relationship in digital-data magnetic recording systems	1964
19650062388	Magnetic tape for high-speed applications	1964
19650062389	A high-speed precision instrumentation tape recorder	1964
19650062390	Advanced tape equipment for instrumentation recording	1964
19650062391	Magnetic tape testing	1964
19650062392	Tv tape recording. a review of techniques and equipment	1964
19650062393	Automatic timing correction for modern color television tape recorders	1964
19650062394	A compact video tape reproducer	1964
19650062395	The influence of atmospheric constituents upon long wave radiation in conjunction with the formation of radiation fog interim report, 1 jun. - 30 nov. 1964	1964
19650062397	Harp 250 mc telemetry experiments, june - october 1964	1964
19650062402	Tantalum alloy ingot reliability and sheet rolling development program interim engineering progress report, 1 jul. 1963 - 30 sep. 1964	1964
19650062404	High and low density plasmas of nanosecond duration surveys of soviet-bloc scientific and technical literature	1964
19650062413	High-pressure Pumping Technology Final Report, 2 Jul. 1963 - 2 Jul. 1964	1964
19650062414	An Investigation of the Flutter Characteristics of the Saturn 1B Fin	1964
19650062426	An investigation to characterize the effects of acceleration on the burning of gun-boosted rocket propellant final report, 6 sep. - 1 dec. 1964	1964
19650062427	[No Title]	1964
19650062431	Clam system- fuel performance studies progress report, jul. 1 - sep. 30, 1964	1964
19650062432	Human factors research and development tenth annual conference	1964
19650062433	Information extraction and assimilation from command system displays	1964
19650062434	The value of a new reference technique for image interpretation	1964
19650062435	Experiments in electrocutaneous information transfer	1964
19650062436	Effects of target/ground parameters on target identification	1964
19650062437	Conducting helicopter reconnaissance experiments with air cavalry elements	1964
19650062438	Tree top altitude navigation on reconnaissance missions - a report of tests	1964
19650062439	Aviator performance in the light weapons helicopter during nap-of-the-earth flight	1964
19650062440	Anthropometry of u.s. army aviators	1964
19650062441	Human vibration response	1964
19650062442	Training oriented human factors engineering of army aircraft	1964
19650062443	Helicopter cyclic control grips- a human engineering design study	1964
19650062444	Technique of performing a missions analysis on army fixed and rotary wing aircraft	1964
19650062445	Effects of physical location of stimuli in the visual field on simple reaction time	1964
19650062446	Pilot performance in simulated low-altitude high-speed flight under varied task loading conditions	1964
19650062447	Army low altitude navigation - system considerations and procedural solutions	1964
19650062448	Need for measurement research in physical abilities - related to mobile activities of combat troops	1964
19650062449	Personal aspects of the army aviation program	1964
19650062450	Predicting success in army aviation courses	1964
19650062451	Flight training quality control	1964
19650062452	Automated education in the training of low altitude aerial observers	1964
19650062453	Rca integrated circuits	1964
19650062454	Integrated circuit capability at somervill - goals and progress	1964
19650062455	Emitter-coupled monolithic silicon integrated circuits for high-speed computers - a status report	1964
19650062456	Design of a monolithic silicon integrated circuit nand-nor gate, ta-5038	1964
19650062457	Digital integrated circuits for satellites	1964
19650062458	P-n-p/n-p-n complementary monolithic silicon integrated circuits	1964
19650062459	Computer analysis of an integrated circuit amplifier	1964
19650062460	Integration of thin-film passive components with monolithic silicon integrated circuits	1964
19650062461	Layout of monolithic silicon integrated circuits	1964
19650062462	Fabrication processes for monolithic silicon integrated circuits	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062463	Packaging of monolithic silicon integrated circuits	1964
19650062464	Entirely thin-film integrated circuits for space applications	1964
19650062465	Thin-film microelectronics - a review	1964
19650062466	A completely integrated thin-film scan generator for crossed-array image panels	1964
19650062467	Mos integrated logic networks	1964
19650062477	Basic concepts of reliability	1964
19650062478	Elastomeric seals and materials at cryogenic temperatures technical documentary report, dec. 1962 - dec. 1963	1964
19650062479	Certain applications of the gamma distribution	1964
19650062483	Preliminary results of an experimental investigation of the properties of the plasma sheath around a hypersonic reentry body interim report	1964
19650062492	Reduction of kronecker products of space group representations in the frame-work of little group theory	1964
19650062493	On the reduction of the dirac equation to two-component form	1964
19650062494	Open shell molecular orbitals for sigma bonded systems- hydrogen halides	1964
19650062495	A note on the temperature dependence of ac hopping conductivity	1964
19650062496	Eight-inch aperture superconducting coils	1964
19650062497	Preliminary observations of the release of tritium from irradiated beryllia	1964
19650062498	Fully depleted semiconductor radiation detectors with fast response times	1964
19650062499	A new electrolytic hygrometer	1964
19650062500	Preparation of p.g.a. graphite labelled with carbon-14	1964
19650062501	A r.f. induced plasma for arc initiation studies	1964
19650062502	An electron microscope study of neutron irradiation damage in alpha-iron	1964
19650062503	The determination of radiostrontium in urine	1964
19650062504	Neutron irradiation hardening of an aluminum grain size controlled mild steel	1964
19650062505	Annealing of electron irradiation induced changes in the youngs modulus of reactor graphite	1964
19650062506	Simultaneous reaction, diffusion and bulk flow in the air oxidation of ungraphitised carbon	1964
19650062507	Effect of gamma dose on oxide on zirconium and zircaloy 2 - relevance to corrosion	1964
19650062508	Penetration rates of water into high density beryllium oxide during vacuum impregnation at room temperature	1964
19650062509	The energy spectra of atoms slowing down in structureless media	1964
19650062510	Correction of atomic number effects in electron probe microanalysis	1964
19650062511	Measurements of thermal neutron spectra in graphite	1964
19650062512	The diffusion of plutonium in magnesium and magnesium alloys	1964
19650062516	Radiation units- a review and criticism	1964
19650062519	A model of 'lattice' hardening in irradiated copper crystals with the external characteristics of 'source' hardening	1964
19650062525	Thinning metallic or brittle specimens for autoradiography	1964
19650062526	The effects of dose rate and material purity on fission fragment damage in aluminum	1964
19650062528	Surface tension of liquid metals review	1964
19650062529	A simplified remote joint for the fingal process	1964
19650062541	An approximate analysis for laminar slot injection with particular application to multiple slots	1964
19650062542	Radar cross section measurements of amrad reentry bodies final report	1964
19650062544	Check-reading accuracy as a function of an extended-pointer dial display	1964
19650062545	A critical comparison of two kinds of adaptive classification networks	1964
19650062546	Power supply e58, phase i progress report, 8 mar. 1963 - 31 jan. 1964	1964
19650062550	Effects of cluster start, heating, and vernier solo duration on atlas ma-5 engine propellant tank sizes	1964
19650062552	Study of surfaces designed to increase thermal radiation	1964
19650062556	Lo-temp thermionic plasma study yearly report	1964
19650062559	Rocket motor case winding pattern studies supplement report to final progress report, 1 feb. - 31 may 1964	1964
19650062561	Dynamic mechanical properties of solid propellants quarterly technical summary report no. 2, 1 mar. - 31 may 1964	1964
19650062562	Highlights of laboratories division research program, february - march 1964	1964
19650062563	Comparison of the explosive formabilities of austenitic 1818 stainless steel and controlled transformation stainless steel f.v.520/s/	1964
19650062565	Dcs satellite simulator	1964
19650062566	Highlights of laboratories division research program, december 1963 - january 1964	1964
19650062567	Basic metallurgy of diffusion bonding interim technical documentary progress report no. 1, 15 may - 15 aug. 1964	1964
19650062568	Geomagnetic investigations by soviet research ships comprehensive report	1964
19650062569	Feasibility study for using a 1/2-inch vidicon for daylight star tracking final report	1964
19650062570	General spectrographic method for the deter- mination of trace impurities in gold, platinum and silver	1964
19650062575	Near-earth millimeter wave radiometer measurements	1964
19650062577	Stellar background measurement program quarterly progress report, 16 jun. - 15 sep. 1964	1964
19650062579	A new micrometeoroid detector preliminary report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062581	Ground-to-air scanner study supplement to first quarterly report, 1 jul. - 30 sep. 1964	1964
19650062605	High-power traveling-wave multiple-beam klystron tenth quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650062622	Piezoelectric resonators for broad band crystal filters	1964
19650062623	The effect of gamma-irradiation on some optical properties of synthetic ruby	1964
19650062626	Noise measurements as a tool in electron device research eighth quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650062631	Hydrogen generation for fuel cells final report, 1 may 1962 - 30 sep. 1964	1964
19650062638	The kinetics and mechanisms of the strengthening of maraging steels quarterly progress report, jan. 1 - mar. 31, 1964	1964
19650062640	High temperature organic and semi-organic coatings summary technical report, 1 may 1962 - 30 apr. 1963	1964
19650062648	Design development and manufacture of the xm15 catapult rocket	1964
19650062649	Development of mathematical models to predict the properties of high-strength steel castings final report	1964
19650062650	Characterization of ultimate tensile properties of elastomers technical documentary report, 1 may 1963 - 30 april 1964	1964
19650062658	Research project rp1-26. research on varactor diodes for parametric amplifiers annual report	1964
19650062667	Research on high temperature oxidation resistant hafnium-tantalum systems quarterly progress report no. 2, 1 aug. - 31 oct. 1964	1964
19650062670	Electronic control of laser beams quarterly technical summary report, 26 aug. - 26 nov. 1964	1964
19650062672	Feasibility of using austin cells in fast- activation power supplies final report	1964
19650062673	High temperature investigation of various crew escape concepts for the reentry flight regime	1964
19650062678	Data on the soviet space program summary of data	1964
19650062680	The specification and computer processing of communication requirements final report	1964
19650062684	Optical detection- compilation of abstracts from soviet literature surveys of soviet-bloc scientific and technical literature, jan. 1962 - jun. 1964	1964
19650062694	Investigation of bjerhammar's new gravity reduction method final technical report	1964
19650062695	Porous material development for boundary layer control	1964
19650062698	Physicomechanical properties of rocks, comprehensive report surveys of soviet-bloc scientific and technical literature	1964
19650062700	Environmental test of the a/p 22s-2 full pressure suit final report, 1 nov. - 15 dec. 1963	1964
19650062703	Some problems pertaining to refining and lubrication compilation of abstracts and summaries	1964
19650062704	The soviet 300-meter meteorological tower- compilation of abstracts surveys of soviet-bloc scientific and technical literature	1964
19650062705	Specifications of soviet photomultiplier tubes- summary of data surveys of soviet-bloc scientific and technical literature	1964
19650062710	Absorption of electromagnetic energy by nose cones final engineering report, 9 may 1960 - 8 aug. 1964	1964
19650062722	Advanced design array radar /adar/ program first semiannual report, 15 apr. - 1 sep. 1964	1964
19650062728	Simulated v/stol aircraft operation utilizing f-100d aircraft final report, 8 jun. - 19 jul. 1964	1964
19650062734	Evaluation of radiation resistant high temperature thermionic circuitry final scientific report no. 1, 1 jan. 1963 - 31 dec. 1964	1964
19650062736	Photocathodes for the near infra-red second annual progress report, period ending nov. 1964	1964
19650062739	Research on relaxation processes in magnetic materials progress report no. 2, 1 may - 31 jul. 1964	1964
19650062740	Development of welding procedures and filler materials for joining high strength low alloy steels fifth quarterly progress report, 15 jun. - 15 sep. 1964	1964
19650062741	Research to investigate the microstructure of the internal magnetic field in selected magnetic materials progress report, may 10 - aug. 10, 1964	1964
19650062742	Electrophoretic deposition of phosphor screens first annual progress report, period ending nov. 1964	1964
19650062755	Paramagnetic resonance in the solid state semiannual report, feb. 1 - sep. 30, 1964	1964
19650062756	Proceedings of the symposium on atomic collision processes in plasmas, culham laboratory, september 14th-16th, 1964	1964
19650062757	Review of plasma devices and related atomic collision processes	1964
19650062758	Atomic processes involved in plasma spectroscopy	1964
19650062759	The theory of ionisation by electron impact	1964
19650062760	The ionisation cross sections by electron impact of hydrogen atoms and he plus ions	1964
19650062761	Inelastic collisions of electrons with the excited states of hydrogen atoms	1964
19650062762	Study of electron impact excitation and ionisation of ions by crossed beams	1964
19650062763	Excitation in li like ions	1964
19650062764	Semi-classical theory of electron-atom collisions	1964
19650062765	Classical proton-hydrogen scattering cross-sections	1964
19650062766	The validity of some classical formulae	1964
19650062767	National bureau of standards program of research on intermediate energy atomic physics	1964
19650062768	The threshold behaviour of electron excitation functions	1964
19650062769	Resonances in the electron scattering by h and he plus	1964
19650062770	Resonances in molecular systems	1964
19650062771	Review of methods of estimating electron-atom collision cross-sections	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062772	On electron impact broadening	1964
19650062773	Experimental results on collision cross- sections involving excited hydrogen atoms	1964
19650062774	Field dissociation of h2 plus	1964
19650062775	Theory of charge exchange	1964
19650062776	Inelastic heavy particle collisions	1964
19650062777	High energy beam experiments at university college	1964
19650062778	Recombination	1964
19650062789	Tropical propagation research semiannual report, 1 jul. - 31 dec. 1964	1964
19650062797	Air force long range production equipment requirements, june 15, 1964 - december 21, 1964	1964
19650062809	Investment of long range intercept and analysis techniques second quarterly report, 1 oct. - 31 dec. 1964	1964
19650062811	Investigation of organic compounds for thermal protection, part ii annual summary report, 19 apr. 1963 - 18 jun. 1964	1964
19650062815	The theory of detonation, the combustion mechanism, and the properties of explosives- annotated bibliography surveys of soviet-bloc scientific and technical literature	1964
19650062848	Data on the elektron space system, kosmos-26 through 29, the zond-1, and the polet-2, comprehensive report surveys of soviet-bloc scientific and technical literature	1964
19650062849	Stellar background measurement program quarterly report, 16 sep. - 15 dec. 1964	1964
19650062851	A control technique for stabilizing highly flexible solid propellant ballistic missiles	1964
19650062854	Radio interference filter test no. 20-p-028	1964
19650062859	Dual ph electrolysis cell study final technical report, 24 sep. 1963 - 30 nov. 1964	1964
19650062860	Noise study annual report	1964
19650062868	Development of manufacturing methods for improved delay lines interim engineering progress report, 1 aug. - 31 dec. 1964	1964
19650062870	Very high resolution techniques tenth quarterly report, 15 sep. - 15 dec. 1964	1964
19650062873	Recovery of space transporters with flexible wings /paragliders/	1964
19650062879	Theoretical performance of liquid hydrogen and liquid oxygen in a gas generator	1964
19650062883	Effects of selected strains of microorganisms on the composition of fuels and lubricants quarterly progress report no. 7, 1 jun. - 31 aug. 1964	1964
19650062884	Research on the mechanisms of fatigue in ultra-small specimens quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650062885	Investigation of electrically cured structural adhesives interim engineering progress report no. 3, 1 jul. - 30 sep. 1964	1964
19650062886	Investigation of the basic parameters affecting the properties of intermetallic compounds progress report no. 2, 12 jun. - 11 oct. 1964	1964
19650062887	Linear structured glass fibers quarterly progress report, jun. 1 - aug. 31, 1964	1964
19650062890	Continuous pyrolytic graphite filaments technical report, mar. 1962 - jul. 1963	1964
19650062892	Dais- defense automatic integrated switch twenty-second quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650062904	Stellar inertial guidance studies. volume ii- systems engineering final report, period ending mar. 31, 1963	1964
19650062911	Stellar inertial guidance studies. volume iib- specifications.	1964
19650062913	Comparison of radar-measured parameters for the polaris re-entry bodies	1964
19650062914	Waveform studies quarterly progress report, 30 oct. - 31 dec. 1964	1964
19650062936	Research and development on encapsulation ingredients for solid propellants third annual report, 1 jun. 1963 - 31 may 1964	1964
19650062937	Xm-29 propellant for hawk, electrical power unit /blends 1-12a/	1964
19650062940	Hypervelocity impact phenomena final quarterly report, sep. 1 - nov. 30, 1964	1964
19650062946	Mission guidance and energy management report	1964
19650062952	Research and development fabrication of glass microchannel plates interim technical report, 1 oct. - 31 dec. 1964	1964
19650062957	Design and development of a distance measuring device monthly progress report, 1 oct. - 1 nov. 1964	1964
19650062958	Traveling-wave frequency memory tube study program interim development report no. 6, 1 sep. - 30 nov. 1963	1964
19650062960	A superheterodyne pulse doppler fuze	1964
19650062963	Systems techniques research consolidated quarterly status report no. 42 , 1 oct. - 31 dec. 1964	1964
19650062964	The sensitivity of nitroglycerin to impact	1964
19650062965	Aerodynamic gas spike antenna for re-entry propagation flight test final report	1964
19650062966	Radiation effects on guided missile electronic equipment iii semiannual technical progress report, 15 jan. - 15 jul. 1964	1964
19650062968	Polarization detection sensitivity studies first quarterly report, 15 jun. - 14 sep. 1964	1964
19650062974	Radiant heat transfer study. volume ii- experimental program final report, 1 jun. 1963 - 30 jun. 1964	1964
19650062977	Design criteria for typical planetary spacecraft to be sterilized by heating third quarterly progress report, 1 jan. - 31 mar. 1965	1964
19650062984	Measurement and assessment of radiation doses from the handling of reactor fuels	1964
19650062991	Tunnel currents in aluminum oxide films technical documentary report, jun. 1962 - jul. 1963	1964
19650062993	High power remote tuning techniques quarterly progress report no. 2, 1 sep. - 30 nov. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062994	An investigation of basic mechanisms of transient high energy radiation effects in insulators and semiconductors third annual report	1964
19650062999	Thermal stability of hydrocarbon fuels quarterly progress report no. 4, 1 jun. - 31 aug. 1964	1964
19650063010	Use of wide-angle cameras for aerial color photography	1964
19650063014	Research on reactance amplifiers using electron beams final report	1964
19650063015	Uniform-density teflon- preparation and shock-propagation characteristics	1964
19650063016	Purification of boron annotated bibliography	1964
19650063019	Performance of a variable mach number supersonic nozzle with a central sting	1964
19650063020	Q-band travelling wave maser	1964
19650063021	Guided missile propulsion system, hazards of electromagnetic radiation to ordnance /hero/, rf characteristics of electro-explosive devices quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650063024	Radiation damage in solids- compilation of abstracts surveys of soviet-bloc scientific and technical literature	1964
19650063029	Effects of selected strains of microorganisms on the composition of fuels and lubricants quarterly progress report no. 6, 1 mar. - 31 may 1964	1964
19650063033	Apollo logistics support systems- molab studies. mission command and control technical report, 1 mar. - 1 jul. 1964	1964
19650063034	Development of standardized test methods to determine plane strain fracture toughness first quarterly progress report, 1 jun. - 1 sep. 1964	1964
19650063037	High-altitude balloons- annotated bibliography surveys of soviet-bloc scientific and technical literature, 1963 - 1964	1964
19650063040	Substitution of manganese for nickel in ni-cr-mo steels progress report	1964
19650063041	Tunnel diodes for phased array radar quarterly progress report, oct. 10, 1963 - jan. 20, 1964	1964
19650063044	Diffusion and dispersed phases in refractory metal systems quarterly progress report, sep. 1 - nov. 30, 1964	1964
19650063045	The rcaf observer, volume 10, no. 4 asc symposium issue	1964
19650063046	The advanced syncom communications satellite system	1964
19650063047	Systems requirements for a military ground effect machine	1964
19650063048	A navigation system for transport aircraft	1964
19650063049	The systems requirements for a pilot/radio navigator training aircraft	1964
19650063050	Ir sources, part two	1964
19650063055	The state of e.h.d. conversion research today <der gegenwartige stand der e.h.d.-forschung>	1964
19650063056	Demonstration planning and progress report for ch-53a helicopter	1964
19650063058	Vlf communications- annotated bibliography surveys of soviet-bloc scientific and technical literature	1964
19650063059	Meteorites compilation of abstracts surveys of soviet-bloc scientific and technical literature	1964
19650063063	A study of the surface barrier silicon detector quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650063066	Life support and environmental control system for a large orbiting research laboratory	1964
19650063067	A study of the suppression of combustion oscillations with mechanical damping devices summary report, 28 jun. - 28 oct. 1964	1964
19650063071	Investigation of the optical density of clouds- special translation translations of soviet-bloc scientific and technical literature	1964
19650063073	Reliability of seals, valves, pumps, bearings, tubes, gas turbines and pressure vessels a list of journal and document references, 1959 to date	1964
19650063074	Nike-apache speedball ii, round no. 52, sn-18 /25 june 1964/ meteorological data report	1964
19650063075	Nike-apache nicap, round no. 009 /28 july 1964/ meteorological data report	1964
19650063081	A continuous sampling direct gas inlet system for a mass spectrometer	1964
19650063082	Nike-apache speedball ii, round no. 56, sn-21 /19 august 1964/ meteorological data report	1964
19650063085	Stabilization research for boiling water reactors <stabilitatsuntersuchungen fur siedewasserreaktoren> quarterly report, 1 jul. - 30 sep. 1964	1964
19650063086	Vehicle performance model and aerodynamic characteristics model dsv-3e	1964
19650063092	Microbonds for hybrid microcircuits third quarterly report, 1 aug. - 31 oct. 1964	1964
19650063110	Rigidization techniques for integrally woven composite constructions seventh quarterly report, 1 jan. - 31 mar. 1965	1964
19650063118	Research and development of cathodoluminescent phosphor with excitation-time-dependent color sixth quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650063125	Wing box fuel containment. volume iv, book a- test results and evaluation technical documentary report, 1 apr. 1963 - 30 nov. 1964	1964
19650063131	Plasma-injection vacuum energy diverter /crowbar/ second quarterly progress report, 1 oct. - 31 dec., 1964	1964
19650063137	Study of high-power electrostatically focused klystrons sixth quarterly progress report, 1 oct. - 31 dec., 1964	1964
19650063140	Modification of a self-positioning device for the collection of parotid fluid	1964
19650063148	Development of slurry coatings for tantalum, columbium, and molybdenum alloys progress report no. 1, 1 apr. - 30 jun. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063149	Research investigation of mechanical properties of selected high purity magnesium oxide quarterly progress report, 15 jul. - 15 oct. 1964	1964
19650063150	Evaluation of graphite composites in re-entry environments quarterly progress report, aug. - oct. 1964	1964
19650063151	Evaluate dry films of encapsulated zinc chromate primer progress report, 1 aug. - 1 nov. 1964	1964
19650063152	Design and fabrication of a powder lubrication system for the j-69 turbo-jet engine progress report, 15 jun. - 15 oct. 1964	1964
19650063155	A simulator and flight test program to develop low speed flight controls for swept-wing jet transports	1964
19650063160	Tungsten alloys for rocket nozzles quarterly progress report, aug. - oct. 1964	1964
19650063161	Cryogenic design data on materials subjected to uniaxial and multiaxial stress fields third quarterly progress report, 15 aug. - 15 nov. 1964	1964
19650063162	Thermal stability of hydrocarbon fuels progress report no. 5, sep. 1 - nov. 30, 1964	1964
19650063163	Titan iii- acoustic/vibration test program, phase i	1964
19650063164	Low-voltage arc studies fifth quarterly progress report, jun. 1 - sep. 1, 1964	1964
19650063170	<an investigation of the role of the pars intercerebralis in controlling activity rhythms in roaches and a program for experiments with rodents which arose from studies with drosophila> final report, apr. 1 - dec. 31, 1964	1964
19650063173	Development of a titanium base alloy for service at cryogenic temperatures first quarterly progress report, 1 may - 1 aug. 1964	1964
19650063174	Development of hydrothermal method for growing single crystals of high purity beryllium oxide and lead metaniobate progress report, jul. 1 - sep. 30, 1964	1964
19650063175	Beryllium bi-crystal studies interim engi- neering progress report, 1 jun. - 31 aug. 1964	1964
19650063177	Langmuir probe experiment for integrated payload quarterly letter progress report no. 1, jul.-sep. 1964	1964
19650063179	Multivariable analysis of the mechanics of penetration of high speed particles interim technical progress report, 1 apr. 1963 - 31 mar. 1965	1964
19650063182	Titan ii translation rocket motor thrust variation analysis	1964
19650063183	Weapon system 133b. second-stage minuteman wing vi motor data book	1964
19650063191	Research on photoconductive materials for infrared vidicon tubes interim technical report, 1 mar. - 30 jun. 1964	1964
19650063192	Hybrid motor grain design	1964
19650063195	Wx-5034, x-band traveling-wave tube sixth quarterly report, 1 oct. - 31 dec. 1963	1964
19650063202	Navigation system performance using one pendulous gyro	1964
19650063203	Launch flexibility study- an analysis of johnston island as a launch site for space missions	1964
19650063212	Aviation and cosmonautics, no. 10, 1964	1964
19650063213	Soviet satellites are in space	1964
19650063214	The element commander conducts flight training	1964
19650063215	Landing a heavy aircraft at night	1964
19650063216	The aircraft deviated from the course. what happened/ques./	1964
19650063217	On the way to outer space	1964
19650063218	International cooperation in rescuing cosmonauts	1964
19650063219	Taking off into the clouds	1964
19650063220	The pilot and the cp officer	1964
19650063221	Plotting a route with a fighter-evasion maneuver	1964
19650063222	Hypersonic aircraft engines	1964
19650063223	The ultrasonic method	1964
19650063224	The engineer and the quality of periodic regulation inspections	1964
19650063226	Optimization of a manned orbital research laboratory /morl/ system concept, phase iia sixth monthly progress report, 27 may - 23 jul. 1964	1964
19650063239	Linear structured glass fibers quarterly progress report, sep. 1 - nov. 30, 1964	1964
19650063241	Certain applications of the poisson distribution monograph no. 13	1964
19650063242	Certain applications of the hypergeometric distribution monograph no. 8	1964
19650063256	<nearfield broadband noise measurements> second quarterly progress report, 16 jan. - 15 apr. 1964	1964
19650063280	An l-band tunnel diode oscillator /including l-band transistor oscillator-multipliers/ final report, 1 jun. 1962 - 31 dec. 1964	1964
19650063287	Improved proprietary material for fabrication of two high frequency coaxial cables interim development report, 18 sep. - 18 dec. 1964	1964
19650063288	Growth of single crystals- annotated bibliography surveys of soviet-bloc scientific and technical literature	1964
19650063289	Atmospheric scintillation of an extended source	1964
19650063290	A dynamic method of determining the acoustic impedance of epoxy resin glued joints	1964
19650063291	Development of a transparent preservative compound for aircraft structural metals third quarterly report, 15 jun. - 14 sep. 1964	1964
19650063292	Certain applications of statistical methods pertaining to tolerance limits, proportion of a population within tolerance and exceedances monograph no. 12	1964
19650063294	Noise power spectrum analysis studies final scientific report no. 2, 1 jan. 1963 - 31 dec. 1964	1964
19650063296	Research into the coupling between electromagnetic and acoustic waves first annual progress report, period ending dec. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063301	Air Augmented Rocket Propulsion System Study, Volume I Summary Report	1964
19650063305	Development of Pelletized Propellant First Quarterly Technical Progress Report, 1 Jul. - 3 Sep. 1964	1964
19650063319	Fluorescence signal calculations	1964
19650063339	Transducer and intercommunication system for air crewman's protective headgear second quarterly progress report, 1 oct. - 31 dec. 1964	1964
19650063340	Gesac-hydapt-f4a flight test final report	1964
19650063343	An investigation of low frequency longitudinal vibration of the titan ii missile during stage i flight, addendum	1964
19650063344	An investigation of low frequency longitudinal vibration of the titan ii missile during stage i flight	1964
19650063346	Life testing and reliability of semiconductor devices annual report, 1964	1964
19650063347	Tensile properties at room temperature and at 400 deg c of commercial sintered aluminium products	1964
19650063349	Major phases of programs to establish contin- gency tables between sound propagation parameters and pertinent atmospheric charac- teristics annual summary report	1964
19650063350	Applications of semiconductor junctions to the control and switching of microwaves annual report, 1964	1964
19650063354	Deep space laser acquisition and tracking study final rerort	1964
19650063358	Development of low frequency crossed-field amplifier first interim development report, 29 jun. - 30 sep. 1964	1964
19650063362	Thermally stable polymers- selected bibliography	1964
19650063367	Development of semi-precision quartz control coatings for graphite progress report.	1964
19650063368	Development of protective coatings for tantalum base alloys quarterly progress report no. 4, 1 mar. - 31 may 1964	1964
19650063369	Research on high temperature protective coatings for graphite progress report. 1 jun. - 31 aug. 1964	1964
19650063370	Electron tube research eighth quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650063375	Phased backscatter array, phase 2 final report, feb. 1963 - oct. 1964	1964
19650063376	Studies in crystal spectra quarterly technical status report, 1 may - 31 jul. 1964	1964
19650063377	A study of ferroelectric materials quarterly technical status report, 1 jul. - 30 sep. 1964	1964
19650063383	Submillimeter radiometer for the detection and acquisition of ground targets final technical report	1964
19650063399	'whatdunnit.' aircraft accidents, their investigation and prevention practices bibliographic list no. 1	1964
19650063425	A variable beamwidth millimetric wave antenna	1964
19650063429	Zero-crossing intervals of random processes	1964
19650063430	Stellar inertial guidance studies. vol. iia- appendices to volume ii	1964
19650063433	Uprated vehicle and launch facility concept studies utilizing fluorine and flox in the saturn 1b	1964
19650063439	Advanced Component Technology. Air-Breathing Engines	1964
19650063448	Air Augmented Rocket Propulsion System Study. Vol II - Study Report	1964
19650063449	Air Augmented Rocket Propulsion System Study. Volume III - Costs	1964
19650063451	Development of Catalysts for Monopropellant Decomposition of Hydrazine Final Report, Apr. - Dec. 1964	1964
19650063453	Survey of Existing Solid-propellant Ballistic Data Final Summary Report	1964
19650063458	Snap-8 corrosion program quarterly progress report, period ending may 31, 1964	1964
19650063459	Snap-8 corrosion program quarterly progress report, period ending nov. 30, 1963	1964
19650063464	Two-stage potassium test turbine monthly report, sep. 8 - oct. 8, 1964	1964
19650063467	Snap-8 corrosion program quarterly progress report, period ending 31 aug. 1964	1964
19650063469	A new look at old data for the custer channel wing /a cursory investigation of stol potential/	1964
19650063470	Delcon corporation ultrasonic leak detector	1964
19650063478	A study of mission requirements for manned mars and venus exploration mid-term progress report	1964
19650063483	Application of physical metallurgy to refractory metal processing technical report, jul. 1, 1963 - aug. 30, 1964	1964
19650063485	Numerical solution of the large deflection of a circular plate with a central hole	1964
19650063487	Saturn s-ivb-202 instrumentation program and component list	1964
19650063496	High-energy upper stage briefing manual	1964
19650063497	Stellar inertial guidance studies. volume i- configuration studies technical documentary report, oct. 1, 1962 - mar. 31, 1963	1964
19650063504	Investigation of metallized gelled propellants final report, 15 jun. 1963 - 15 dec. 1964	1964
19650063509	Filament wound composite material for use in cryogenic applications	1964
19650063510	Conjunction class manned mars trips midterm progress briefing	1964
19650063527	Electron scattering from the magnetic dipole and octupole moments of beryllium 9 and boron 11	1964
19650063529	A critical review of the human aspects of low-level, high-speed flight	1964
19650063530	Model studies of explosion-generated seismic waves semiannual technical report, 1 apr. 1964 - 30 sep. 1964	1964
19650063536	Investigate methods of fabricating and joining large sandwich segments for forming common domes monthly report, 1 - 31 dec. 1964	1964
19650063545	Reserch on broadband amplifiers third annual progress report, period ending nov. 1964	1964
19650063548	The radiation hazard at the top of the atmosphere	1964
19650063549	Varactor measurements annual report	1964
19650063550	Integrated tunnel diode circuit using epitaxial techniques second annual report	1964
19650063557	Nasa-gsfc operations plan 14-64- orbiting solar observatory b2	1964
19650063560	Thermal performance degradation of ablators due to penetrations final report, oct. 1, 1963 - oct. 31, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063562	A study of stable instrumentation pads	1964
19650063654	Preparative and spectroscopic studies on some aryl derivatives of group iv final report, 1 nov. 1963 - 31 oct. 1964	1964
19650063655	One-dimensional unsteady motion of a liquid with appearance and development of cavitation <odnomernoe neustanovivsheesia dvizhenie zhidkosti s vozniknoveniem i razvitiem kavitatsii>	1964
19650063658	Closed cycle systems thermodynamic analysis - performance prediction	1964
19650063664	Effects associated with varying the length of an asymmetrical dipole antenna when one side is comprised of a conical counterpoise attached to a cylinder	1964
19650063667	The growth of zinc oxide crystals interim engineering progress report, 1 mar. - 30 nov. 1964	1964
19650063680	Research on growth of plane-stress flaws in thin walled cryogenic material, volume 1 first quarterly report, 1 jul. - 30 sep. 1964	1964
19650063681	Matrix methods for inelastic structures	1964
19650063684	Development of manufacturing methods for the production of infiltrated tungsten composite rocket nozzle inserts quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650063686	Statistical analysis of oscillating vectors final technical report, may 1 - oct. 31, 1964	1964
19650063687	Solidification of iron base alloys at large degrees of undercooling interim report, 1 oct. 1963 - 30 sep. 1964	1964
19650063688	Stellar background measurement program quarterly report, 16 dec. 1963 - 15 mar. 1964	1964
19650063718	Applications report on development of manufacturing methods for a ka-band tunable magnetron technical report, 21 sep. 1962 - 20 sep. 1964	1964
19650063727	Certain applications of mathematics and statistics to reliability and availability	1964
19650063734	A study of travelling wave masers at s-band final report	1964
19650063735	X-20 nose cap materials summary report	1964
19650063736	Tridea and litton lf beacons, evaluation of final report	1964
19650063740	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. part ii- technical information. volume 9- nuclear radiation effects test no. 10 - flyaway technical report, 1 oct. 1963 - 31 dec. 1964	1964
19650063761	Standardization of aircraft instruments	1964
19650063763	Design of a nonlinear-reactance subharmonic generator final report	1964
19650063779	Launch phase simulator aerodynamic model study final report	1964
19650063782	Mathematical model for countdown availability study	1964
19650063784	Research on high temperature thermally stable greases quarterly progress report, 1 may - 1 aug. 1964	1964
19650063786	Effects of diffusion in thermoelectric materi- al progress report, 15 jun. - 15 oct. 1964	1964
19650063787	Saturn s-ii stage reliability prediction report	1964
19650063798	A full bridge type strain gage for use at elevated temperatures technical documentary report, jun. 1962 - nov. 1963	1964
19650063805	Development of manufacturing methods for a ka- band tunable magnetron final report, 21 sep. 1962 - 21 sep. 1964	1964
19650063820	Investigation of slurry fuels for clam sys- tems fourth quarterly progress report, 1 jun. - 2 nov. 1964	1964
19650063824	Technical status report, july - september 1964	1964
19650063826	Feasibility demonstration of a flight weight solid propellant attitude control pulse rocket system /0.1 lb-sec. wsr-3 system/, volume ii final report	1964
19650063827	Contained passive relay study third quarterly progress report, 15 sep. - 15 dec. 1964	1964
19650063831	Sec image intensifier vidicon tube interim technical report, 29 jun. - 30 sep. 1964	1964
19650063836	Synthesis of inorganic oxidizers annual summary progress report, 1 nov. 1963 - 1 dec. 1964	1964
19650063837	Study of reverse hybrid propulsion system fourth quarterly technical report, 1 oct. - 31 dec. 1964	1964
19650063838	Optical readout techniques final report	1964
19650063844	Positive expulsion experience at the u. s. naval ordnance test station	1964
19650063845	Research and development program for broadband modulating-anode megawatt klystron amplifier final engineering report, 16 jul. 1959 - 30 sep. 1963	1964
19650063848	Fiber optic improvement studies final technical report	1964
19650063849	Multiple total reflection photocathode studies interim technical report no. 2, 1 oct. - 31 dec. 1964	1964
19650063851	Multicomponent-fuels evaluation technical progress report, 2 jul. 1963 - 31 nov. 1964	1964
19650063876	Preliminary design of the marquardt model ma129-xaa scramjet engine/vehicle	1964
19650063888	Inorganic fibers and whiskers and reinforced composite materials bibliography	1964
19650063889	Development of pip i image intensifier tubes interim technical report, 5 jun. - 30 sep. 1964	1964
19650063890	Aerodynamic and structural considerations of air inlet duct inserts for radar reflection attenuation interim engineering report	1964
19650063891	Program definition study of boron filament reinforced composites. volume i summary report, 1 jul. - 30 sep. 1964	1964
19650063898	Development of boron filament composite materials for propulsion systems. volume ii- design studies, mission analysis, and develop- ment plan technical report, 1 jul. - 30 nov. 1964	1964
19650063933	Development of advance concept solid rocket nozzle	1964
19650063946	Investigative study relating to fuel cells progress report, jul. 1 - dec. 31, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063959	Research, investigation, and study of improved vapor-reacted phosphor screens interim technical report, 4 aug. - 4 nov. 1964	1964
19650063963	Hydrogen-oxygen prototype fuel cell final engineering report, period ending mar. 31, 1964	1964
19650063979	Titan iii /sslv 624a/ solid rocket motor staging analysis	1964
19650063981	Hysteresis properties of microwave ferrites and ferromagnetic garnets interim report	1964
19650063985	Stress wave solution for elastic impact problems involving long bars or shafts	1964
19650064007	Feasibility demonstration of a flight weight solid propellant attitude control pulse rocket system /0.01 lb-sec. wsr-2 system/, volume i final report, apr. 1962 - jan. 1964	1964
19650064012	Theoretical studies of long-duration engines technical publication, 1 feb. - 3 oct. 1961	1964
19650064017	Technical status report of propulsion laboratory, october, november, december 1964	1964
19650064034	Program definition study of boron filament reinforced composites. volume iii- development program plan technical report, jul. - sep. 1964	1964
19650064035	Spectrum signature measurements on an/tps-32 radar	1964
19650064036	Mk 5 mod o stellar-inertial navigation system, supplement no. 1 final engineering report	1964
19650064038	Development of boron filament composite materials for propulsion systems. volume i- summary technical report, 1 jul. - 30 nov. 1964	1964
19650064050	A study of the valence electron approximation - application to lithium hydride	1964
19650064051	Methods for prediction of electro-mechanical system reliability semiannual report, 15 may - 14 nov. 1964	1964
19650064052	Polybenzimidazoles and other aromatic heterocyclic polymers for high temperature resistant structural laminates and adhesives. volume ii- polyoxadiazole polyphenylene sulfide and polybenzoxazole resins technical documentary report, 1 nov. 1963 - 31 oct. 1964	1964
19650064061	Some properties of low pressure-high frequency discharges controlled by secondary electron resonance	1964
19650064062	Research on a versatile x-ray detector technical report, 1 may 1963 - 30 oct. 1964	1964
19650064064	Strength of steel beam-columns for steel yield points between 33 ksi and 100 ksi, and including effects of end-restraint, biplanar bending, and residual stress final report	1964
19650064105	Quartz crystal aging effects seventh quarterly report, 15 aug. - 15 nov. 1964	1964
19650064118	Equilibrium, adiabatic wall, and stagnation temperatures at altitudes up to 100,000 feet and mach numbers up to 20	1964
19650064123	The preparation of calcium tungstate monocrystals	1964
19650064167	Study of the integration of the orbital research laboratory experiment program	1964
19650064203	Air density at heights of 150-300 km in the years 1962-4	1964
19650064204	Saturn monthly progress report, 16 february - 16 march 1964	1964
19650064225	High power ferrite gas duplexer quarterly progress report, sep. 11 - dec. 10, 1964	1964
19650064226	A report on the investigation of the production of hypersonic gas streams by ion injection final report, 1 jul. 1961 - 30 jun. 1964	1964
19650064233	An estimate of the decay of turbulent intensity in a shear flow	1964
19650064234	Electromagnetic compatibility requirements for manned spacecraft, general specification for	1964
19650064242	Ru1x and rv13x receivers uhf and vhf fixed tuned final report	1964
19650064251	Locked instability and forced oscillations in automatic phase control systems technical report no. 158	1964
19650064260	Mathematical model of the tvc system	1964
19650064261	Meteorological rocket network firings. volume xxvi- october 1963 firings data report	1964
19650064265	The pressures on a surface surrounding a jet issuing normal to a mainstream	1964
19650064267	Meteorites surveys of soviet-bloc scientific and technical literature	1964
19650064269	Annual progress report, 1964	1964
19650064270	Research and development of titanium rocket motor case thirteenth quarterly report, jan. 1 - mar. 31, 1964	1964
19650064271	Characteristics of the geos a spacecraft	1964
19650064272	Beryllia fiber-composite materials for radomes and electronic components final report, 20 jun. 1963 - 20 jun. 1964	1964
19650064275	Suitability study of an experimental portable thermoelectric generator developed by the westinghouse electric corporation	1964
19650064279	Some suggestions for research in the field of turbulent boundary layers	1964
19650064304	Atlas missile b-2 pod - aig section investigation of acoustic and mechanical vibration levels in the arma computer	1964
19650064309	An experimental study of 2-1 harmonic cross-relaxation in ruby	1964
19650064316	Surface passivation techniques for compound solid state devices interim technical documentary progress report no. 6, sep. 1 - nov. 30, 1964	1964
19650064317	2000 deg f power wire for aerospace environment quarterly report, oct. 5, 1963 - jan. 5, 1964	1964
19650064336	A review of some field-effect and metal-base solid-state amplifiers	1964
19650064381	Microwave phase shifters for inertialess scanning /non-reciprocal/ third quarterly report, 1 jan. - 31 mar. 1965	1964
19650064388	Investigation of microwave duplexer switching mechanisms final report, 1 jan. 1963 - 31 dec. 1964	1964
19650064407	<physical, electronic, and thermodynamic properties of metals- abstracts> seventy-fourth quarterly report	1964
19650064415	Grain growth in dilute tungsten-boron alloys	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064416	<theoretical and Experimental Studies of Radiation Absorption and Emission Characteristics and Their Control for Potential Space Vehicle Surface Materials< Monthly Progress Report No. 13	1964
19650064425	Magnetic materials technology for ppm-focused twt's applications technical report, dec. 1962 - jul. 1964	1964
19650064444	Delta monthly technical progress report	1964
19650064445	Srel 600 mev cyclotron handbook	1964
19650064446	Some results in stability theory	1964
19650064447	<theoretical Investigation of the Properties of Planetary Atmospheres< Semiannual Informal Report, Jan. - Jun. 1964	1964
19650064448	Research on diffusion of hydrogen through palladium-silver alloy monthly progress report	1964
19650064449	Studies of lunar soil mechanics fourth quarterly progress report, mar. 15 - jun. 15, 1964	1964
19650064450	The half-life of manganese-53	1964
19650064453	Hypersonic boundary layer transition quarterly progress report	1964
19650064460	Propulsion systems analysis of the wire reinforced solid propellant charge concept	1964
19650064478	Research and development of an instrument for detection of extraterrestrial life by optical rotatory dispersion second quarterly report, 26 may - 24 aug. 1964	1964
19650064481	A one-dimensional thrust augmentation calculation	1964
19650064482	Research on diffusion of hydrogen through palladium-silver alloy monthly progress report	1964
19650064483	Local controllability for nonlinear systems tenth monthly progress report	1964
19650064484	Ecologic Relationships Between Bacteria and Algae in Photosynthetic Gas Exchangers Quarterly Status Report No. 4, 1 May - 31 Jul. 1964	1964
19650064485	<delta project< monthly technical progress report	1964
19650064496	Stress measurement system	1964
19650064553	Research and development program for fabrication and testing 103-inch diameter grade cfw graphite final report, jun. 1962 - sep. 1964	1964
19650064575	Data from dca modem tests- modem f	1964
19650064618	Flight test of the hydro-ski research vehicle /hrv-1/ equipped with tec skis no. 2 and no. 3 on strut no. 2 final summary report	1964
19650064633	On the motion of nearly synchronous satellites	1964
19650064634	Surface temperature and pressure measurement on the x-20a summary report, period ending dec. 1963	1964
19650064635	Research in conventional and unconventional fuels supplementary annual summary report, 1 oct. 1963 - 31 dec. 1964	1964
19650064654	The influence of testing techniques and of varying limit load factors on maneuver load fatigue test results	1964
19650064663	Estimation of experimental parameters	1964
19650064683	Optical second harmonic generation in zns-cds and cds-cdse alloys	1964
19650064688	Initial aerodynamic forces on finite wings following a sudden change of incidence	1964
19650064697	Research investigation of catalytic thermal oxidative degradation of organic polymers at elevated temperatures	1964
19650064699	A frequency synthesizer for a vlf phase tracking receiver	1964
19650064725	Step-induced separation of a turbulent boundary layer in incompressible flow	1964
19650064728	M-1 engine design data for upper stages	1964
19650064738	Vhf vehicular contour antenna final report, 14 jun. 1963 - 25 nov. 1964	1964
19650064740	A variable time delay drum unit for use in correlation methods of vibration analysis	1964
19650064744	The drift of an auto-pilot gyroscope due to prolonged acceleration in the skylark rocket. part i- instrumentation systems and trials programme	1964
19650064748	Calculated natural frequencies and modes of vibration of built-up wing models	1964
19650064749	A digital amplitude and phase measuring system /daphne/	1964
19650064756	Ionospheric ray tracing by lagrangian variation of the alfvén velocity	1964
19650064758	Fatigue cracking rates and residual strengths of eight aluminium sheet alloys	1964
19650064764	Protection of aluminium by chromate/epoxy- polyamide systems	1964
19650064765	Experimental comparison between crossed-fields noise sources and standard generators	1964
19650064768	The influence of normal pressure on bond between concrete and reinforcing steel in pull-out tests final report	1964
19650064777	Notes on certain military aviation medical activities in europe, part i	1964
19650064778	Extractives and functional performance of flexible packaging materials for use in	1964
19650064780	Evaluation of high-purity mg/oh/2 as a ceramic material	1964
19650064800	Digital magnetic tape units for the mercury and deuce computers. part 2- control circuits	1964
19650064801	Design evaluation/comparison testing of vibration measuring systems, dac scd 1a38443-1	1964
19650064805	Switch modulation techniques third quarterly progress report, 1 jan. - 30 nov. 1964	1964
19650064819	Fiber optics cascaded image tube with 25 mm photocathode and special processing equipment final report, 24 may 1962 - 29 feb. 1964	1964
19650064826	[No Title]	1964
19650064827	An investigation of various types of control devices on a lifting body at supersonic and hypersonic speeds	1964
19650064832	Minuteman reliability analysis summary report, sep. 1962 - jun. 1964	1964
19650064841	Research on short wavelength ir detectors research contract status report, 1 - 31 may 1964	1964
19650064844	Simulator mechanization lem abort simulation program	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064845	Feasibility of a tripropellant feed system	1964
19650064847	Program 631a dod gemini experiments status report	1964
19650064850	Reduction and analysis of reentry optical data final report, jan. 1 - sep. 1, 1964	1964
19650064851	The development of photosensitive materials and systems to provide eye protection from the intense light flashes first quarterly progress report, 15 mar. - 15 jun. 1964	1964
19650064854	Probabilistic error analysis of a multiple re-entry system	1964
19650064861	Dynamic characteristic tests of ylr 87-aj-5 rocket engine turbopump and associated propulsion equipment	1964
19650064895	Numerical solution of the collisionless plasma-sheath equation in cylindrical geometry	1964
19650064898	Communications and control for lesa first monthly report	1964
19650064912	Erosion and noise attenuation tests on a 50 ft. chalk tunnel used as a jet engine noise muffler	1964
19650064919	Development of the 2.75-inch meteorological sounding probe final report	1964
19650064921	The second all-union conference on theoretical and applied mechanics <vtoroy vsesoyuznyy s yezd po teoreticheskoy i prikladnoy mekhanike>	1964
19650064960	Cabin air heat exchanger life support system, specifications for	1964
19650064981	Water management subsystem specification for space flights of extended time periods	1964
19650064983	Nasa s-1c recovery and reusability study	1964
19650064984	Communications and control for lesa second monthly report	1964
19650064993	Instrumentation and controls life support system subsystem specification and design, revision a	1964
19650064996	Tube and beam deflection, 3/4 inch and 1 inch o.d. tubing, 3,000 and 6,000 psig nasa test report no. 10901	1964
19650065022	Hall current accelerator second quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650065032	Theoretical and experimental studies of high-temperature gas transport processes first quarterly progress report, 11 may - 10 aug. 1964	1964
19650065055	Investigation, and suppression, of the electro-magnetic interference produced by the type 125 voltage regulator	1964
19650065068	Nimbus meteorological satellite- integration and testing materials report no. 5, 1 july - 31 december 1963	1964
19650065071	Temperature control system- life support system specification for life support system for space flights of extended time periods	1964
19650065089	Two stage x-band amplifier for high resolution radar final engineering report, jul. 15, 1963 - sep. 30, 1964	1964
19650065091	Qualification test of mk2 servo error load capacitor scd 2402358	1964
19650065097	Design, development and fabrication of the high-frequency single-sideband transceivers an/arc-104 /xz-2/ and /xz-3/ interim engineering report no. 2, 1 aug. - 31 oct. 1964	1964
19650065101	A 1.7 kwe radioisotope thermoelectric power system for use and manned and unmanned space missions, volume i	1964
19650065103	Chemical information and data system status report no. 1	1964
19650065116	Preliminary design and feasibility investigation of rocket engine analyzer and decision instrumentation /readi/ for saturn v second quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650065120	Low altitude turbulence over hilly terrain counting accelerometer data from jet aircraft	1964
19650065125	Critical evaluation- chemical decomposition data and models phenolic resin-quartz ablators	1964
19650065132	Static tests of two aged xm30 rocket motors	1964
19650065142	Some experiments on the fluctuating forces on flat plates in turbulent flow	1964
19650065147	Rotating-beam fatigue studies of experimental hy-130/150 and hy-180/210 steels	1964
19650065149	500 watt silicon power transistor quarterly report, 1 aug. - 31 oct. 1964	1964
19650065185	Effects of composition on the mechanical properties of ni-cr-mo filler metals	1964
19650065192	Metallurgy at mol center for nuclear physics in mol-donk	1964
19650065201	Aerospace structural metals handbook first quarterly report, 1 jan. - 1 apr. 1964	1964
19650065202	High temperature research /task r/ quarterly report, jul. - sep. 1964	1964
19650065203	Procedures for determining kic for 180/210 ksi yield-strength steel	1964
19650065205	Performance assurance of faa surveillance radars. part i- performance monitoring	1964
19650065209	Drag and propulsion of large satellites in the ionosphere- an alfvén propulsion engine /ape/ in space	1964
19650065222	Research on chemosynthetic gas exchanger quarterly report, 8 mar. 1965 - 7 jun. 1965	1964
19650065232	Communications and control for lesa fifth interim report,	1964
19650065243	Demonstration of an advanced solid propel- lant second quarterly progress report, 1 jun. - 31 aug. 1964	1964
19650065244	Development of a high energy solid propellant formulation final report, 17 jun. 1963 - 16 feb. 1964	1964
19650065246	Multiplier channel plates	1964
19650065247	Drag reduction studies of missiles - a bibliography	1964
19650065248	Application of hard-face composite armor to the ch-34 helicopter armor system final engineering report	1964
19650065249	Experimental evaluation of compound 'a' with selected hydrazine fuels	1964
19650065252	Computer programs for the an/sqs-26 preselector evaluation	1964
19650065260	Athena Fourth Stage BE-3-A4 Rocket Motor Propulsion Unit Environmental and Static Firing Tests Final Report, Dec. 1963 - Jun. 1964	1964
19650065264	Performance determination test plan report pwa-2180 /revision 1/ for tf30-p-1 engine	1964
19650065268	Study of radioisotope-fueled brayton cycle electrical power system for the manned orbiting research laboratory, volume 2	1964
19650065276	Structural design loads, hydrofoil research ship	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065307	Optical data report, amr test 022	1964
19650065318	Legibility of alpha-numeric information as a function of display rotation	1964
19650065328	Study and development of the paul-type mass spectrometer final report	1964
19650065335	Rapid heat treatment of 5ni-cr-mo-v steel	1964
19650065338	Effect of tempering and stress-relieving treatments on the mechanical properties of hy-80 and 5ni-cr-mo-v production steels	1964
19650065339	Evaluation of imagery screening procedures second quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650065342	Aed jr.- an experimental language processor	1964
19650065343	Quantization of the gravitational field final technical report	1964
19650065344	Development of advanced techniques for the fabrication of refractory metal tubing, phase i, 1 june 1964 - 31 october 1964	1964
19650065345	Design and development of an em window for air lift reentry vehicles interim engineering report, 1 aug. - 31 oct. 1964	1964
19650065349	Hot water test for detecting air leaks in thermal batteries	1964
19650065350	Upper bound solutions to axisymmetric extrusion processes	1964
19650065351	Very high resolution techniques quarterly report, 15 dec. 1963 - 15 mar. 1964 very high resolution techniques quarterly report, 15 dec. 1963 - 15 mar. 1964	1964
19650065353	Investigation and test of self-luminous markers for aerospace vehicle crew stations	1964
19650065359	Effects of composition on heat-affected-zone cracking of ni-cr-mo steel weldments-ii	1964
19650065362	An evaluation of hp-150 steel	1964
19650065366	Dynamic mechanical properties of solid propellants quarterly technical summary report no. 2, 1 mar. - 31 may 1964	1964
19650065370	Development of hy 180/210 maraging steel filler metals and joining procedures, part i status report	1964
19650065389	Engineering Study of Multi-Purpose Engine and Fuel System: Lunar Exploration Systems for Apollo	1964
19650065411	Low-cycle fatigue of experimental hy-130/150 and hy-180/210 steels and weldments	1964
19650065423	Characteristics solution for nonequilibrium flow fields about axisymmetric bodies. volume i- results and analysis	1964
19650065424	Phase steps and amplitude fading of v.l.f. signals at dawn and dusk	1964
19650065435	Snap 10a pbsnte t/e pump s/n-028 acceptance test	1964
19650065443	The influence of radiant-energy transfer on propellant burning rates and ablation rates controlled by an intense radiation field	1964
19650065448	Low-cycle fatigue of materials /laboratory investigations/- a technological forecast prepared for panel iii-3 materials group, panel iii deep ocean technology asbd summer study	1964
19650065449	Exploratory evaluation of filament-wound composites for tankage of rocket oxidizers and fuels second quarterly progress report, 1 sep. - 30 nov. 1964	1964
19650065450	The kinetics and mechanisms of the strengthening of maraging steels quarterly progress report, apr. 1 - jun. 30, 1964	1964
19650065452	Oxidation resistant high temperature protective coatings for tungsten third quarterly progress report, 15 nov. 1963 - 15 feb. 1964	1964
19650065453	Reliability plan for agena target vehicle gemini program	1964
19650065459	Improved graphite materials for high temperature aerospace use quarterly progress report, aug. 1 - oct. 31, 1964	1964
19650065460	Investigation of growth of single crystal films on dielectric substrates quarterly progress report, 1 apr. - 1 jul. 1964	1964
19650065464	Metal-organic compounds for vapor-plating applications quarterly progress report no. 5, 1 aug. - 31 oct. 1964	1964
19650065467	Gemini agena target vehicle program progress report, sep. 1964	1964
19650065471	Reliability program plan for gemini agena program	1964
19650065472	Basic metallurgy of diffusion bonding interim technical documentary progress report no. 2, 15 aug. - 15 nov. 1964	1964
19650065474	Gemini launch vehicle program monthly pro- gress report no. 29, 1-31 aug. 1964	1964
19650065476	Development of coatings for protection of dispersion strengthened nickel from oxidation quarterly progress report, jul. 1 - oct. 1, 1964	1964
19650065477	The primary working of refractory metals interim technical progress report no. 1, 1 aug. - 29 nov. 1964	1964
19650065490	Investigation of the effect of surface condition on the radiant properties of metals technical report, 1 jul. 1963 - 31 aug. 1964	1964
19650065493	Effects of propagation on radar pulsewidth	1964
19650065501	Adsorption - desorption properties of sorbents final report, 19 nov. 1963 - 18 nov. 1964	1964
19650065512	Characterization of nitrogen-fluorine contain- ing compounds as propellants	1964
19650065514	Control of propellant composition by x-ray fluorescence analysis	1964
19650065522	Light scattering by materials in the choles- teric mesophase	1964
19650065523	Response of gravity type dams to nuclear weapons effects	1964
19650065531	Mesometeorological applications of infrared instrumentation	1964
19650065536	Manned orbiting space station- environmental control and life support system study. volume 1. program summary report. final report, jun. 15, 1963 - may 15, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065537	Manned orbiting space station- environmental control and life support system study. volume 2- study review and summary final report, jun. 15, 1963 - may 15, 1964	1964
19650065538	Manned orbiting space station- environmental control and life support system study. volume 3- subsystem study results final report, jun. 15, 1963 - may 15, 1964	1964
19650065539	Manned orbiting space station- environmental control and life support system study. volume 4- system study results final report, jun. 15, 1963 - mar. 15, 1964	1964
19650065543	Launch vehicle systems cost model. volume v- analysis of research and technological implications	1964
19650065554	The general and comparative biology of terrestrial organisms under experimental stress conditions quarterly report no. 4	1964
19650065572	Development of an hy-130/150 weldment progress report, jul. 1 - oct. 31, 1964	1964
19650065579	Effects of grinding and shot peening on fatigue life of tee weldments	1964
19650065587	Program plan- gemini launch vehicle propulsion system	1964
19650065590	5 mc single sideband crystals final report, 1 jul. 1963 - 30 nov. 1964	1964
19650065592	Millimeter wave transitions for frequency control final report	1964
19650065611	Frequency-hopping antijam modulation for fading multipath channels technical report no. 340	1964
19650065619	Research leading to the development of a fast activating, high energy thermal battery sixth quarterly progress report, 15 sep. - 14 dec. 1964	1964
19650065629	Hero progress report, 1 july 1962 - 31 december 1963	1964
19650065648	Study of parametric performance of a two-stage repetitively pulsed plasma engine /reppac/ second quarterly progress report	1964
19650065663	Influence of the length of the attenuation in crossed-fields amplifiers <influence de la longueur de l'attenuation dans les amplificateurs a champs croises>	1964
19650065664	The effect of processing variables on heavy plates of 12ni-5cr-3mo steel	1964
19650065667	Performance assurance of faa surveillance radars. part ii- reliability assessment final report	1964
19650065673	Effect of rolling ratio on the anisotropy of 5ni-cr-mo-v steel plates	1964
19650065679	The interaction of combustion zones and anomalies in the dependence of the burning velocity on pressure <vzaimodeystviye stadiy goreniya i anomal'naya zavisimost' skorosti goreniya ot davleniya>	1964
19650065697	Test of the space-general nike-iroquois in the jpl 21-inch hypersonic wind tunnel, apr. 2 - 6, 1964	1964
19650065726	The effects of degradation on the acoustic performance of titan ii silo liners	1964
19650065729	Stress corrosion cracking in martensitic high strength steels quarterly progress report, aug. - oct. 1964	1964
19650065730	X-22a tri-service v/stol aircraft monthly progress report no. 21, 1-31 aug. 1964	1964
19650065733	Metal-organic compounds for vapor-plating applications quarterly progress report no. 4, 1 may - 31 jul. 1964	1964
19650065734	Structural fastening technology progress report, jul. - oct. 1964	1964
19650065735	Mechanical behavior of intermetallic compounds	1964
19650065736	The effect of environmental exposures on mechanical properties of several foil gage refractory alloys and superalloys fifth quarterly progress report, 15 may - 15 aug. 1964	1964
19650065756	Low-noise dc-pumped cyclotron-wave amplifier final report, 1 jul. - 31 dec. 1964	1964
19650065777	Propellant actuated devices progress report, jul.- aug. 1964	1964
19650065780	Advancement of protective coating systems for columbium and tantalum alloys second quarterly technical progress report, 1 jul. - 1 oct. 1964	1964
19650065786	Gemini agena target vehicle program progress report, nov. 1964	1964
19650065787	Analytical and experimental evaluation of hypersonic inlets quarterly report, 1 jul. - 30 sep. 1964	1964
19650065788	Recent advances in whisker technology	1964
19650065789	Antiserotonin agents quarterly technical status report, 1 aug. - 31 oct. 1964	1964
19650065791	A calibration of the u. s. army nuclear defense laboratory's neutron detection system	1964
19650065795	Apollo logistic support systems molab studies. section 3- conceptual design studies	1964
19650065796	Apollo logistic support systems molab studies. section 4- task report on tiedown and unloading systems study	1964
19650065797	Apollo logistic support systems molab studies. section 5- task report on life support study	1964
19650065799	Apollo logistic support systems molab studies. section 7- task report on communications study	1964
19650065800	Study of the kinetics of the one and two electron oxidized state of tetraphenylporphine	1964
19650065801	The Omegatron in Ultra High Vacuum Partial Pressure Analysis	1964
19650065802	Continued Research to Determine the Existence and Identity of Viable Microorganisms in the Stratosphere Final Technical Report, 18 Mar. 1963 - 18 May 1964	1964
19650065803	On the Metrization Problem	1964
19650065829	Development of a propellant containing a high energy oxidizer first monthly status report, 1 - 30 jun. 1964	1964
19650065850	Launch Vehicle Technology Study Phase III - Cost-Effectiveness-Reliability Analysis Fourth Bimonthly Progress Report	1964
19650065865	A survey of programming aspects of "computer controlled" automatic test equipment, volume i	1964
19650065867	Deionization reaction coefficient determination via nuclear tests, volume i	1964
19650065875	Development of a long-life contact seal for a high-speed rotating shaft in liquid-metal dynamic power systems quarterly progress report, jul. 1 - oct. 1, 1964	1964
19650065876	Solid-state raster scanning for display interim engineering report, jun. 1 - sep. 30, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065877	Investigation in the fabrication of silicon carbide pnpn switch interim engineering report, may 1 - jul. 31, 1964	1964
19650065878	Evaluation of large titanium alloy forgings first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650065895	Reliability confidence limits for complex systems	1964
19650065907	Pre-phase i study for the mol p-6 extravehicular activity /eva/ experiment, volume i	1964
19650065909	A study of twist and camber on wings in supersonic flow final report	1964
19650065911	Allss payloads. volume iii- mobility systems first interim report	1964
19650065915	Study of noise in semiconductor devices quarterly report, aug. 1 - oct. 31, 1964	1964
19650065920	Theoretical and experimental investigation of optical heterodyning final report	1964
19650065925	Research on relaxation processes in magnetic materials progress report no. 3, 1 aug. - 31 oct. 1964	1964
19650065928	Research on experimental heat of vaporization and enthalpy measurements of oxygen-nitrogen- argon mixtures quarterly progress report, jul. 1 - oct. 1, 1964	1964
19650065929	Investigation of growth of single crystal films on dielectric substrates quarterly progress report, 1 jul. - 1 oct. 1964	1964
19650065934	Investigate the adequacy of nimbus meteorological satellite shipborne direct readout equipment final report	1964
19650065935	Millisecond measurements of aerodynamic forces in a high-pressure shock tunnel	1964
19650065941	Pressure measurements on the rigid model of a balloon decelerator in the wake of a simulated missile payload at mach numbers 1.5 to 6.0	1964
19650065942	Research and development of cathodoluminescent phosphor with excitation-time-dependent color quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650065943	Aerodynamic phenomena in stellar atmospheres supplementary bibliography covering the period 1960-64	1964
19650065945	Meteorological rocket program. volume iii- rocket vehicles for meteorological research, development, test, and evaluation programs	1964
19650065951	Development of protective coatings for tanta- lum base alloys quarterly progress report no. 6, 1 sep. - 30 nov. 1964	1964
19650065952	Design and construction of an elliptical horn- reflector for microwaves	1964
19650065953	Investigation of modified silicide coatings for refractory metal alloys with improved low-pressure oxidation behavior second pro- gress report, 1 sep. - 30 nov. 1964	1964
19650065961	GLV Analysis of Titan II Flight /Missile N-29/	1964
19650065963	Informal monthly letter report no. 47, august 1964 - september 3, 1964	1964
19650065964	Quarterly progress report, july - september, 1964	1964
19650065969	Quarterly project progress report for april - june 1964	1964
19650065973	Advanced oxidizer research quarterly report, 1 jul. - 30 sep. 1964	1964
19650065975	Development of a propellant containing a high energy oxidizer sixth monthly status report, 1 - 30 nov. 1964	1964
19650065977	Radar attenuation of rocket motor exhaust and advanced liquid propellant systems semi- annual technical report, 18 mar. - 17 sep. 1964	1964
19650065978	Advanced shipboard interior communica- tions /ic/, june 1962 - august 1964	1964
19650066008	Castor II Rocket Motor Status Letter 9 Aug. - 8 Sep. 1964	1964
19650066009	An Empirical Performance Model of Secondary Injection for Thrust Vector Control Technical Report, 29 Jun. 1963 - 20 Oct. 1964	1964
19650066020	Optical contrast correlation seeker phase 1 final report	1964
19650066024	Development of a propellant containing a high energy oxidizer second monthly status report, 1 - 31 jul. 1964	1964
19650066027	Correlation of pseudorandom underwater acoustic signals at long range research report, nov. 1961 - oct. 1963	1964
19650066030	Wind tunnel tests of the marquardt am115e and f scoop inlet models and the am116 boundary layer ingestion model in april, 1964	1964
19650066032	On some aspects of microwave interferometry technical report no. 20	1964
19650066038	Global calibration study final report	1964
19650066058	Snap-8 unmanned applications study, volume i final report	1964
19650066059	Snap-8 unmanned applications study, volume ii final report	1964
19650066060	Snap-8 unmanned applications study summary volume, final report	1964
19650066067	Auxiliary electrode for charge control of sealed nickel-cadium batteries first quarter- ly report, 15 jun. - 14 sep. 1964	1964
19650066068	Development of coated superalloy components for gas turbine engine applications first quarterly progress report	1964
19650066107	Effort to evolve a method of eye protection from flash blindness final report, 1 jan. - 31 dec. 1964	1964
19650066115	Energy addition methods for hyper-velocity true flight simulation	1964
19650066133	Radar instrumentation for re-entry physics program monthly status report, 20 oct. - 20 nov. 1964	1964
19650066134	The application of semiconductors to the design of microwave switches and power limiters final report	1964
19650066137	Electron/ion density instrument packages for high altitude gun probes eleventh monthly letter progress report	1964
19650066138	Development of manufacturing methods for indium arsenide infrared detecting cells interim engineering progress report, 1 jul. - 30 sep. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066172	Engineering investigation of a thermophoto- voltaic energy converter first technical summary report, 26 jun. - 23 dec. 1964	1964
19650066178	Wing analysis for model x-15 airplane /n.a.a. model na-24d/	1964
19650066202	Evaluation of wind blast helmet designed by robertshaw-fulton controls company technical documentary report, sep. 1962 - jan. 1963	1964
19650066206	Development of improved electrodes for fuel cells quarterly report no. i, 17 may - 17 aug. 1964	1964
19650066207	Development of improved electrodes for fuel cells quarterly report no. ii, 17 aug. - 17 nov. 1964	1964
19650066221	Environmental test plan for instrument unit s-iu-500fs final technical report	1964
19650066240	Hypoxic lactacidemia - its prevention with heparin	1964
19650066247	Application of materials to advanced rocket nozzle and hot gas control systems fourth quarterly progress report	1964
19650066248	Development and delivery of a very low-noise traveling-wave tube amplifier third quarterly progress report, 1 jan. - 31 mar. 1964	1964
19650066249	Design considerations for a spontaneous generator	1964
19650066260	Early lunar logistic and shelter modules study interim technical progress report	1964
19650066261	Demonstration of a gas generator for v/stol application /tj6o/ second quarterly progress report, dec. 1963 - feb. 1964	1964
19650066263	Supporting research for the special projects office department of the navy	1964
19650066264	GLV Analysis of Titan II Flight (Missile N-28)	1964
19650066266	Survey of in-flight separation systems	1964
19650066267	Research on the deflagration of high-energy solid oxidizers quarterly technical summary report no. 9, jun. 1 - aug. 31, 1964	1964
19650066268	Weapon system 107a-2- reliability summary and summary data ylr87-aj-5 and ylr91-aj-5 rocket engines monthly reliability report, 1 - 31 sep. 1964	1964
19650066283	Titan ii electromagnetic pulse isolation final report	1964
19650066292	Investigation of mark 10 turbopump failures, data analysis and evaluation, volume i	1964
19650066304	Calibrated radar amplitudes for trailblazer im	1964
19650066346	Radiative and conductive opacities and monochromatic absorption coefficients for copper	1964
19650066347	Some neutron cross sections measured at the rossendorf research reactor	1964
19650066349	On the theory of muon capture in nuclei	1964
19650066351	A mobile laboratory for radiation protection measurements <ein fahrbares labor fur strahlenschutzmessungen>	1964
19650066384	Polyurethane foam cosumable cartridge cases progress report no. 1	1964
19650066389	Lasv n2-1 subsonic diffuser test	1964
19650066390	Lrpl quarterly progress report	1964
19650066421	Lattice constant determination with x-ray goniometers taking into account high- temperature techniques	1964
19650066436	The synthesis of hydrazinium-zirconium- fluoride /iv/ <die synthese von hydrazinium- fluorozirkonaten /iv/>	1964
19650066438	The design and application of lithium drift silicon diodes as nuclear radiation detectors	1964
19650066443	The measurement of film flatness in air survey cameras	1964
19650066469	Apt camera/tape recorder study final report, mar. 4 - jul. 10, 1964	1964
19650066477	Review and evaluation of the integration testing of nimbus "a" flight no. 1 vehicle	1964
19650066494	Sunflower program recommendations	1964
19650066496	An experimental investigation of the energy- absorption characteristics of metal tubes loaded in compression	1964
19650066497	An experimental investigation of aluminum honeycomb as an energy absorber	1964
19650066498	Experiments on the production and extinction of the 2s state of the hydrogen atom	1964
19650066499	<delta program> monthly technical progress report, issue no. 60	1964
19650066500	The cylindrical magnetohydrodynamic waves in plasma technical report no. 1	1964
19650066526	C-141a. autopilot, pilot's display, air data computer, and navigation system integration test results	1964
19650066527	A study of structural limitations on servo performance second quarterly progress report, 1 jul. - sep. 1964	1964
19650066541	Development of tough, high strength alpha beta titanium-base alloys at 240,000-260,000 psi yield strength level quarterly progress report no. 8, 26 mar. - 25 jun. 1964	1964
19650066551	Compatibility and characteristics of launch vehicle for nuclear-pulse-propulsion systems	1964
19650066587	A note on the acoustic behaviour of ejectors when used with corrugated nozzles	1964
19650066608	Total hemispherical emittance of oxidized heat resistant alloys	1964
19650066629	Attitude determination from tiros photographs	1964
19650066653	Flame sprayed ceramic coating techniques, 25 june 1962 - 29 february 1964	1964
19650066658	Spacecraft propulsion system for manned mars and venus missions midterm review	1964
19650066677	Research on optical instrumentation to detect meteoroid impact and puncture summary report	1964
19650066679	Cesium Vaporizer Studies Progress Report No. 16, 1-30 Jun. 1964	1964
19650066680	The Analytical Design of Axially Symmetric Ion Guns	1964
19650066681	Interaction of Fast Particles Emitted During Solar Flares with the Coronal Plasma	1964
19650066682	Ion Rocket System Research and Development Monthly Progress Report, 1-30 Apr. 1964	1964
19650066683	Neurophysiological and Behavioral Studies of Chimpanzees, Including Establishment of a Group of Implanted Animals Suitable for Space Flight Final Report, 1 Jul. 1963 - 30 Jun. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066684	The Abundance of Iron in the Solar Photosphere	1964
19650066685	Selection of Unmanned Vehicles to Find Lunar Landing Sites for Manned Spacecraft Summary Report	1964
19650066686	Simulation Program Plan, First Evaluation- Evaluation of Advanced Integrated Display and Control Systems	1964
19650066687	Facilities design criteria apollo-unified s-band 30 ft. dish site - guam	1964
19650066688	Insulated tank program monthly progress report no. 9, 1 - 31 jul. 1964	1964
19650066689	Assistance to the technology utilization division quarterly report no. 6, 1 may - 31 jul. 1964	1964
19650066690	Assistance to the technology utilization division quarterly report no. 5, 1 feb. - 30 apr. 1964	1964
19650066691	Facility Design Criteria- Apollo Unified S-band 85 FT. Dish Site, Madrid, Spain	1964
19650066692	Matrix Analysis of Natural Longitudinal Vibrations in Free-Free Nonuniform Multibranch Beams	1964
19650066693	Thermal neutron induced recoil defects in cadmium sulfide	1964
19650066694	Design and Development of Electrical Lead- Through Connectors for Cryogenic Containers Technical Summary Report, 1 Jul. 1963 - Oct. 1964	1964
19650066695	Feasibility of Simulating Thermal Environments for Meaningful Evaluation of Ablating Materials Quarterly Progress Report No. Iv, Feb. 1 - Apr. 30, 1964	1964
19650066696	Maneuverable Descent Systems for Mars Landing	1964
19650066700	Hydrogen overpotential during electrolysis of aqueous solutions on raney metal electrodes <die abscheidungsspannung vow wasserstoff bei der elektrolyse wassriger losungen mit raney-metallelektroden<	1964
19650066701	Civil and military airfields in the u. s. zi- runway weight-bearing capacities	1964
19650066703	Extremely high frequency maser amplifier study program interim engineering report no. 8, 16 mar. - 15 jun. 1964	1964
19650066704	A study to determine the relationship between naval aircrew station dimensions and the anthropometry of naval aviators	1964
19650066705	Effect of various oxygen partial pressures on peripheral vision- effect of increased oxygen tension on dark adaptation	1964
19650066706	The institute of microcalorimetry and thermo- genesis in marseilles	1964
19650066707	Autumn meeting of the society of the french metallurgists, 14-18 october 1963 in paris, france	1964
19650066708	Research activities at the radio research station, slough, bucks	1964
19650066709	Evaluation of resistance strain gages at elevated temperatures progress report no. 16	1964
19650066714	Analytical methods for resistance jet design	1964
19650066717	Maintenance support documentation study	1964
19650066718	Ames pressure transducer experimental evaluation	1964
19650066730	Estimating and detecting the outputs of linear dynamical systems technica report no. 6302-7	1964
19650066737	Boundary value problems in differential equa- tions. ii- green's function. iii- eigen- value-problems <randwertprobleme bei differential-gleichungen der physik. ii- die greensche funktion. iii- eigenwert probleme<	1964
19650066738	Aviation and cosmonautics, no. 1, jan. 1964	1964
19650066739	We have no flight accidents. how was this achieved/ques/	1964
19650066740	The creators of the new	1964
19650066741	In the name of the earth. weather and space- weather satellites	1964
19650066742	In order to land on the moon	1964
19650066743	Pressure suits for spaceflights	1964
19650066745	Testing the sight in the aircraft	1964
19650066748	Scientific mission of a very close solar probe final report	1964
19650066749	Electronic oscillator strengths of diatomic molecules /task 3.4- observables analysis and predictions - rest program/	1964
19650066750	Theory of molecular transition probabilities, appendix a	1964
19650066751	Radiative lifetime of the 2 pi state of the cn red system, appendix b	1964
19650066752	Absorption coefficients of cn, c2, and ch and emission from cn, appendix c	1964
19650066753	Environmental pollution by missile propellants technical documentary report no. 3	1964
19650066767	Cf-104 emergency nozzle closure system evaluation	1964
19650066768	Proportional temperature control using silicon-controlled rectifiers	1964
19650066769	The role of oxygen in the brittle behavior of metals eleventh progress report, 1 oct. 1963 - 1 mar. 1964	1964
19650066770	Project cell structure of the atmosphere- preliminary results on rocket sonde measure- ments of wind and temperature in the upper stratosphere and in the mesosphere at capo san lorenzo during october/november 1963 scientific report	1964
19650066771	Interfacial interaction in composite structures quarterly progress report, feb. 12 - may 12, 1964	1964
19650066772	Verification tests of hamilton standard model ps200-18 air turbine starters /buweps model a24-1/ final report	1964
19650066773	Radiation-resistant computer feasibility study final report, 1 jul. 1961 - 31 aug. 1962	1964
19650066774	Detailed Test Objectives for Delta Launch Vehicle Spacecraft- Syncom A-27	1964
19650066780	Apollo Logistic Support Systems Molab Studies. Section 8- Task Report on Command and Control Study	1964
19650066781	Cryogenic research and development thirteenth progress report, period ending mar. 31, 1964	1964
19650066783	Background of piloted simulator development	1964
19650066784	Apollo Logistic Support Systems Molab Studies. Section 9- Task Report on Navigation Systems Study.	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066788	Study of vacuum aluminum coated glass monofilaments final report, 1 apr. 1963 - 31 mar. 1964	1964
19650066795	Longitudinal oscillation instability study- pogo.	1964
19650066796	Proceedings of conference on thermal scale modeling	1964
19650066797	Thermal similitude studies using brand's theorem	1964
19650066798	Similitude research in space vehicle thermal problems	1964
19650066799	Thermal scale modeling	1964
19650066800	Thermal scaling at lewis research center	1964
19650066801	Problems in thermal scaling of a space station having composite wall construction	1964
19650066806	Coning, nutation and precession, uk.3 satellite	1964
19650066813	Preliminary guidelines for the preparation of nuclear vehicle flight safety system performance specifications	1964
19650066815	A survey of programming aspects of "computer- controlled" automatic test equipment, volume ii	1964
19650066817	Weapon system 133b- program progress, wing vi stage i minuteman research and development contract status report, 1 jul. - 30 sep. 1964	1964
19650066833	Evaluation and engineering tests of the hover- truck in thailand final report, may - dec. 1964	1964
19650066843	Optical coatings for absorptance of solar energy quarterly progress report, jul. 1 - oct. 1, 1964	1964
19650066844	Theory and experiment of a coaxial plasma accelerator	1964
19650066845	Study of approximate solutions of trajec- tory equations applicable to the aerodynamic skip flight of a reentry vehicle with impli- cations concerning the formation of tektites	1964
19650066867	Analytical and experimental evaluation of hypersonic inlets quarterly progress report, 1 jan. - 31 mar. 1964	1964
19650066868	Weapon system 107a-2. reliability summary and summary data ylr87-aj-5 and ylr91-aj-5 rocket engines monthly reliability report, aug. 1964	1964
19650066886	[No Title]	1964
19650066896	Weapon system 107a-2- reliability summary and summary data, ylr87-aj-5 and ylr91-aj-5 rocket engines	1964
19650066899	Application of materials to advanced rocket nozzle and hot gas control systems second quarterly progress report	1964
19650066901	Organic chemical synthesis quarterly report, sep. 1 - nov. 30, 1964	1964
19650066914	Double-stage shock-absorber investigation	1964
19650066936	Technical plan for microminiaturization of the radar altimeter	1964
19650066944	Development of a basic planetary transporta- tion system model	1964
19650066962	Organic chemical synthesis quarterly report, 1 jun. - 31 aug. 1964	1964
19650066975	Investigation of new inorganic oxidizers quarterly progress report, 22 jun. - 21 sep. 1964	1964
19650066976	Advanced Control System for Saturn V, Phase III Final Report	1964
19650067004	Comparative performance data from field tests of two optical-contrast trackers	1964
19650067008	A general solution to optical sensor limitations on terminal interception	1964
19650067011	Optical and electrical testing of solar cell assemblies- uk.3 satellite	1964
19650067013	Loop aerial temperatures- uk.3 satellite	1964
19650067015	A statement of the current estimated weight of the satellite following the recent weight reduction exercise- uk.3 satellite	1964
19650067016	Spin rate decay due to ferrite rod aerals- uk.3 satellite	1964
19650067017	Satellite aspect matching- uk.3 satellite	1964
19650067018	A statement of the current estimated weight of the satellite together with a component weight analysis and comment on the weight alterations- uk.3 satellite	1964
19650067019	The parameters governing the temperature achieved by a body when heated by solar radiation in a space environment- uk.3 satellite	1964
19650067020	Forced convection heat transfer from surfaces roughened by transverse ribs	1964
19650067023	Supplement as of december 31, 1964, to list of translations, april 30, 1959 /t-series/	1964
19650067024	The yo-yo despin device for uk.3	1964
19650067025	The meteorite hazard in relation to uk.3	1964
19650067026	Weight comparisons between uk.1, uk.2, and uk.3 satellites	1964
19650067027	Uk.3 orbital lifetime	1964
19650067028	Testing of uk.3	1964
19650067029	The variation of the time spent in sunlight by the satellite u.k.3	1964
19650067037	Proposals for methods, procedures and equip- ment necessary for the empirical determination of weight, centre of gravity, moments of inertia and the static and dynamic balance of the uk3 satellite and component parts	1964
19650067038	Preliminary heat balance uk.3 satellite	1964
19650067042	Some considerations of the uses of vectored thrust, with particular reference to s.t.o.l. operation	1964
19650067051	Chemical milling of ferrous alloys	1964
19650067058	Let's take a walk on the moon. twenty questions and answers on ranger 7 and the moon	1964
19650067067	Applied research program research summary, jul. - dec. 1964	1964
19650067072	Alss payloads- review of existing conceptual designs for molab	1964
19650067076	Radioisotopes for power generation	1964
19650067082	Nimbus spacecraft modal survey vibration test final report	1964
19650067090	Accuracy evaluation plan, wsmr cinetheodolite	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650067091	Development and application of a theory for plastic deformation of cemented alloys, task 1. zone refining of cemented tungsten- base alloys final report, jul. 1961 - dec. 1963	1964
19650067129	Thermally and oxidatively stable polybenzothiazole resins technical documentary report, 15 may 1963 - 15 jun. 1964	1964
19650067138	Performance tests on two piezoresistive strain gage accelerometers	1964
19650067142	Planetary atmospheric determination utilizing a semipassive probe final report	1964
19650067155	Development and application of a theory for plastic deformation of cemented alloys. task 3- rocket nozzle materials final report, jul. 1961 - dec. 1963	1964
19650067156	<pentafluorophenyl derivatives of thallium, lead, boron and germanium. tetrakis nuclear magnetic resonance spectra of the symmetrical tetralkyl metal ions> final technical status report, 1 dec. 1963 - 31 dec. 1964	1964
19650067211	Advanced vidicon camera subsystem /avcs/ for nimbus meteorological satellite quarterly technical report no. 12, oct. - dec. 1963	1964
19650067214	Nasa s-1c recovery and reusability study, part ii/iii	1964
19650067226	Development of a coaxial plasma gun for space propulsion second quarterly progress report	1964
19650067230	Analysis of community and airport relationships/noise abatement. volume iii- discussion of some legal aspects of aircraft noise work accomplishments, may 1963 - april 1964	1964
19650067238	The registration of traveling waves as a registration principle <registrierung laufender wellen als registrierprinzip>	1964
19650067290	Ultra-high-accuracy horizon sensor study final report, jul. - sep. 1963	1964
19650067296	Nimbus spacecraft modal survey vibration test final report, y-axis modal test experimental data	1964
19650067308	Pacific 1 1/2 inches manual p/n 1 1/2-2500y- 12k-gl 6,000 psig service	1964
19650067309	Operational test and evaluation split vertical sonne/ka-52 camera	1964
19650067316	Seminar and microcircuit study	1964
19650067359	Static force and pressure tests, series iv. apollo lev jet-effects model, fsj-1 /lrc 16-foot transonic wind tunnel/, volume i	1964
19650067360	Static Force and Pressure Tests, Series IV. Apollo Lev Jet-Effects Model, FSJ-1(LRC 16-Foot Transonic Wind Tunnel), Volume IV Data Report	1964
19650067361	Data Report- Static Force and Pressure Tests, Series IV Apollo Lev Jet-Effects Model, FSJ-1 (LRC 16-foot Transonic Wind Tunnel) Volume V	1964
19650067412	Solid propellant structural integrity investi- gations. structural integrity of large solid propellant grains research contract status report no. 6, 1-29 feb. 1964	1964
19650067414	Solid propellant structural integrity investigations. structural integrity of large solid propellant grains research contract status report no. 8, 1-30 apr. 1964	1964
19650067415	Solid propellant structural integrity investigations. structural integrity of large solid propellant grains research contract quarterly report no. 2, 1 oct. - 30 dec. 1963	1964
19650067417	Orbital checkout of s-ivb	1964
19650067420	Gemini spacecraft- instrumentation system specification, volume ii, supplement no. 2	1964
19650067425	Atmospheric processes affecting the perform- ance capabilities of optical radar systems	1964
19650067426	Determination of effects of materials and process variables on filament-wound structures first quarterly report, 15 nov. 1963 - 15 feb. 1964	1964
19650067431	Error analysis of space-fixed inertial navigation systems	1964
19650067432	Differential correction module program document	1964
19650067435	Quality assurance provisions /plan/ for project gemini space system cpif conversion	1964
19650067438	Advanced study on optical communications from deep space first interim technical documentary report	1964
19650067453	Model 133p structural analysis of gemini spacecraft	1964
19650067457	Investigation of the interaction between stress waves and transient solid state phenomena quarterly progress report, 1 jul. - 30 sep. 1964	1964
19650067473	Gemini spacecraft number 2: Performance / configuration specification	1964
19650067479	A digital formatter and recording system for the optical discrimination system	1964
19650067482	Investigation of the interaction between stress waves and transient solid state phenomena quarterly progress report, 1 apr. 30 jun. 1964	1964
19650067483	Investigation of the interaction between stress waves and transient solid state phenomena quarterly progress report, 1 jan. - 31 mar. 1964	1964
19650067487	Development of techniques for preparing homogeneous single crystals of lead telluride, lead selenide, and lead sulfide quarterly progress report, 15 apr. - 15 jul. 1964	1964
19650067488	A capacitive strain sensor	1964
19650067493	An improved system for recording the phase and amplitude of vlf and lf standard frequency transmissions	1964
19650067497	Low altitude obstructions to vision over eurasia	1964
19650067505	Research and development of metal hydride organic nitrogen complexes, volume 3 final report	1964
19650067513	Synthesis and chemistry of lysergic acid derivatives, part i special publication, jun. 1961 - feb. 1964	1964
19650067525	Fatigue behavior of sheet materials for the supersonic transport. volume 1- summary and analysis of fatigue and static test data final technical report, 1 may 1963 - 31 dec. 1964	1964
19650067526	Wing box fuel containment. volume ii- technical analysis final report, 1 apr. 1963 - 30 nov. 1964	1964
19650067527	Wing-box fuel containment. volume i- design	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650067529	Gemini spacecraft instrumentation system specification, supplement no. 2, spacecraft no. 2, volume iii	1964
19650067554	A fourth survey of domestic electronic digital computing systems	1964
19650067558	Project gemini time reference system - command link encoder interface characteristics	1964
19650067559	Project gemini analog systems interface characteristics	1964
19650067561	Project gemini digital computer system - gemini launch vehicle interface characteristics	1964
19650067562	Project gemini digital computer/data trans- mission system interface characteristics	1964
19650067582	Three papers on the quadrupole mass filter	1964
19650067583	A new mass spectrometer without magnetic field <ein neues massenspektrometer ohne magnetfeld<	1964
19650067584	The electric mass filter <das elektrische massenfilter<	1964
19650067585	A quadrupole mass filter <uber ein quadrupol- massenfilter<	1964
19650067586	Mechanical properties of high strength a-286 bolts at cryogenic temperatures	1964
19650067874	Development of a stable ultraviolet source and techniques for accurate radiometry status report, jul. 1 - sep. 30, 1964	1964
19650067875	The ultrastructure of the otolithic organs in squirrel monkeys after exposure to high levels of gravitational force final report	1964
19650067876	Modification of 82-inch coude spectrograph at mcdonald observatory first quarterly status report, 14 jul. - 31 oct. 1964	1964
19650068083	A study of low-thrust guidance methods semi- annual progress report ii, may 1 - oct. 31 1964	1964
19650068086	Second semi-annual report, 1 may - 31 october 1964	1964
19650068087	Semiannual report, march 1 - august 31 1964	1964
19650068143	Cavitation studies in liquid hydrogen first quarterly report	1964
19650068174	An evaluation of the texas instruments germanium bolometer at millimeter radio- frequency wavelengths	1964
19650068214	<theoretical and experimental investigations of the nonlinear dynamic response of continuous systems< status report no. 4, 1 jul. - 30 sep. 1964	1964
19650068239	A low-noise 100-mc bandwidth transistorized i-f amplifier for radio astronomy	1964
19650068353	Venus radar systems investigations letter status report, may 1 - oct. 31, 1964	1964
19650068435	On the height of the 5577 angstrom units <oi> airglow layer in hawaii	1964
19650068457	Research in space science. the orbits of the satellites 1959 alpha 1 and 1959 alpha 2 and the perturbations on the perigee distance of 1959 alpha 1	1964
19650068458	Development and testing of a photo-polarimeter for space vehicles final report	1964
19650068464	Thirteenth quarterly progress report, march - may 1964	1964
19650068522	Monthly progress report no. 12 for period 1 october to 30 october 1964	1964
19650068919	Utilizing the macro generator of ibmap for the ibm 7090/7094	1964
19650069296	Mechanical properties of crosslinked /methyl methacrylate/ polymers under space environmental conditions quarterly technical summary report no. 5, 1 sep. - 30 nov. 1964	1964
19650069350	Semiannual status report, april 1 - september 30, 1964	1964
19650069351	On the origin of the 3.58 and 3.69 micron minima in martian infrared spectra	1964
19650069379	Liquid hydrogen flexible ducting technology fourth progress report /first quarterly/, 15 jul. - 31 oct. 1964	1964
19650069381	Experimental and theoretical studies in planetary aeronomy fourth quarterly progress report, 15 jul. - 15 oct. 1964	1964
19650069382	Investigation of atmospheric properties based upon evaluation of infrared radiation data obtained from tiros satellites status report no. 4, apr. 1 - sep. 30, 1964	1964
19650069397	Development of a stable ultraviolet source and techniques for accurate radiometry status report, oct. 1 - dec. 31, 1964	1964
19650069478	A study of polymers containing silicon- nitrogen bonds progress report, jan. 4 - feb. 3, 1964	1964
19650069479	<study of crystallization, cross-linking, and dimensional changes during the crystal-liquid phase transition of oriented polymeric systems< semiannual status report	1964
19650069480	A study of polymers containing silicon- nitrogen bonds progress report, feb. 4 - mar. 3, 1964	1964
19650069481	<devise instrumentation suitable for use in biological studies, with emphasis on devices useful in studying circadian rhythms in small animals< fifth quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19650069482	<space biosciences program of nasa< interim report, may 20, 1963 - feb. 15, 1964	1964
19650069501	Measurement of Angular Rotation with Photons Semiannual Report, 1 Oct. 1963 - 31 Mar. 1964	1964
19650069533	Space science and applications programs	1964
19650069535	A theoretical study of meteoric trajectories and processes, including examination of the incidence and characteristics of photographic meteors by reduction of about 600 data points semiannual progress report ii, dec. 1, 1963 may 31, 1964	1964
19650069580	Extreme vacuum technology /below 10-13 torr/ including a pressure calibration study quarterly status report no. 6, 1 aug. - 1 nov. 1964	1964
19650069584	Mechanics of composite strengthening	1964
19650069608	Research on quantities and concentrations of extraterrestrial matter through samplings of ocean bottoms six-month status report, mar. - aug. 1964	1964
19650069668	Elevated temperature stress corrosion of high strength sheet materials in the presence of stress concentrators	1964
19650069696	The study of the dynamics of the cerebral circulation by continuous rheoencephalographic monitoring semiannual status report, jun. 18 - dec. 31, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650069698	Nonequilibrium gasdynamics related to propulsion systems quarterly report, period ending 31 dec. 1964	1964
19650069722	Status report, january 1 - october 15, 1964	1964
19650069732	On deposits in jet engines	1964
19650069733	The analysis of radar echoes from the moon	1964
19650069826	Semiannual report, july 1 - december 31, 1964	1964
19650069828	<experimental and theoretical research in plasma dynamics< interim progress reports nos. 5, 6, jan. 1964 - dec. 1964	1964
19650069829	Pion-muon beam transport system for a 600 mev synchrocyclotron semiannual status report no. 1	1964
19650069830	Semiannual status report, june 1 - december 31, 1964	1964
19650069868	Handbooks on the physical properties of the planets venus, mars, and jupiter six month letter progress report, december	1964
19650069869	Study of ground-based and space vehicle infrared instrumentation for thermal photography of the moon, including experimental programs at selected observatories semiannual status report no. 10, 1 jul. - 31 dec. 1964	1964
19650069870	Quarterly status report, october 1 - december 31, 1964	1964
19650069884	Fourth semiannual status report, 15 february - 15 august 1964	1964
19650069899	Lower Hybrid Resonance Emissions	1964
19650069905	Spatial nucleation and crystal growth progress report no. 1, 1 jun. - 30 nov. 1964	1964
19650069921	Conduct ground investigations of flight experiments on primates in long duration zero-g quarterly status report, 1 sep. - 30 nov. 1964	1964
19650069945	A universal adaptive code for optimization /grope/ internal working paper no. 19	1964
19650070144	Stress corrosion cracking of titanium alloys progress report, jul. 1 - sep. 30 1964	1964
19650070145	Stochastic models for multi-valued, multi- dimensional relations second semiannual status report, apr. 16 - oct. 15, 1964	1964
19650070146	A sensitive cryogenic accelerometer	1964
19650070283	Lactic Dehydrogenase - Structure and Function	1964
19650070284	The equation of state of polymer liquids and glasses at elevated pressures	1964
19650070285	Middle ultraviolet day radiance of the atmosphere	1964
19650070288	Spectral band absorptance of radiation traversing two or more cells in series	1964
19650070295	Some brain structures and functions related to memory. the role of water structures in the molecular organization of cell membranes	1964
19650070474	Fundamental studies of the metallurgical, electrical, and optical properties of gallium phosphide quarterly progress report, sep. 30 - dec. 30, 1964	1964
19650070481	Heat transfer for laminar flow in ducts with arbitrary time variations in wall temperature	1964
19650070486	Vacuum ultraviolet spectra of atoms and light molecules status report, nov. 1, 1964 - feb. 28, 1965	1964
19650070528	Neurosciences research program bulletin, volume ii, no. 4, july - august 1964	1964
19650070551	Design, development, fabrication and installation of 84-inch lunar and planetary telescope at mc donald observatory quarterly status report no. 1, 23 sep. - 22 dec. 1964	1964
19650070552	Semiannual status report, june 1 - november 30, 1964	1964
19650070683	New Cellulose Derivatives for the Isolation of Biologically Active Molecules	1964
19650070684	A measurement of the primary proton flux from 10 to 130 mev	1964
19650070764	The joint committee on atomic energy- a model for legislative reform ques.	1964
19650070778	An electronic-mechanical control for an intrathoracic artificial heart	1964
19650070793	<nuclear history of the early solar system< first semiannual progress report, jul. 1 - dec. 31, 1964	1964
19650070808	Propagation in multicomponent plasmas	1964
19650070809	Luminescence of orthopyroxenes	1964
19650070811	Shock deformation of quartz from two meteorite craters	1964
19650070864	Computer aided analysis of brain electrical activity summary progress report, period ending dec. 31, 1964	1964
19650070899	The theory of the absorption of flame radiation by molecular bands	1964
19650071150	On the stability of the solutions of equations with retarded arguments <ob ustoichivosti reshenii uravnenii s zapazdyvhchim argumentom<	1964
19650071151	Apical vortices and trumpet-shaped vortex sheets <sur la theorie de l'aile en delta - tourbillons d'apex et nappes en cornet<	1964
19650071156	Asymptotic solution of a nonlinear differential equation of second order <asimptoticheskoe reshenie odnogo nelineinogo differentsial'nogo uravneniya vtorogo poryadka<	1964
19650071157	On thermal effects in resonance tubes <uber thermische effekte in resonanzrohren<	1964
19650071158	On bodies of minimum drag in a supersonic gas flow <o telakh minimal'nogo soprotivleniya v sverkhzvukovom potoke gasa<	1964
19650071335	Fundamental studies of the metallurgical, electrical, and optical properties of gallium phosphide quarterly progress report, apr. 1 - jun. 30, 1964	1964
19650071336	<theoretical investigations in structural mechanics< semiannual status report, july 1 - december 31, 1964	1964
19650071337	A theoretical study of meteoric trajectories and processes, including examination of the incidence and characteristics of photographic meteors by reduction of about 600 date points semiannual progress report no. 3, jun. 1 - nov. 30, 1964	1964
19650071365	The wave equation and the green's dyadic for bounded magnetoplasmas	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650071366	Comments on the evidence presented by r. l. wolfe and c. l. bauer for x-ray induced dislocation generation in nacl	1964
19650071367	Theoretical interpretation of tait equation parameters	1964
19650071411	Fundamental studies of the metallurgical, electrical, and optical properties of gallium phosphide quarterly progress report, jul. 1 - sep. 30, 1964	1964
19650071426	Saturn ib electrical ground support equipment for launch complex 34	1964
19650071427	Saturn v electrical ground support equipment for launch complex 39	1964
19650071428	Biological experiments in space. psychocardiavascular reactions during conditions of weightlessness in an orbiting satellite status report, 1 oct. 1963 - 30 sep. 1964	1964
19650071429	Upper atmosphere chemical release study quarterly progress report no. 2, 1 sep. - 30 nov. 1964	1964
19650071431	The nasa program for stimulating industrial utilization of government-sponsored technology	1964
19650071432	Cosmic neutrinos and their detection	1964
19650071434	A Solid State Preamplifier for Micro-electrode Studies	1964
19650071521	Research in electrohydrodynamics and wave-type magnetohydrodynamic a-c power generation quarterly report, 1 feb. - 30 apr. 1964	1964
19650071522	Quarterly progress report, 1 jan. - 31 mar. 1965	1964
19650071527	Quantum theory studies of the energies of excited state atoms and molecules, particularly as they occur in the upper and stellar atmospheres, and in materials undergoing combustion semiannual status report no. 3, oct. 1, 1964 - mar. 31, 1965	1964
19650071706	Comet investigations first semi-annual status report, jul. - dec. 1964	1964
19650071767	Viscoelastic behavior of polymers at long times sixth semiannual report, period ending 30 apr. 1964	1964
19650071770	Seventh semiannual status report, 1 july - 31 december 1964	1964
19650071776	Multispectral photographic experiment based on a statistical analysis of spectrometric data semiannual status report, jul. 1 - dec. 31, 1964	1964
19650071985	"voyager" - mars 1971 mission- lander error analysis	1964
19650072187	<studies in the 11 meter range of radio astronomy using high resolution and high sensitivity antenna arrays at clark lake< final report, may 1 - sep. 30, 1964	1964
19650072188	An investigation of the biogeochemistry of meteorites with emphasis on the hydrocarbon and sulfur constituents semiannual report, jan. 1 - jun. 30, 1964	1964
19650072189	<experimental research on hemodynamic and related physiological functions in primates< semiannual status report, 1 feb. - 31 jul. 1964	1964
19650072216	Evolution of lactic dehydrogenases	1964
19650072463	Effects of research and development expenditures upon local and regional economies progress report	1964
19650072499	Vacuum ultraviolet radiation and solid state physics semiannual status report no. 4, period ending 29 feb. 1964	1964
19650072503	Tolerance to vehicle rotation of subjects using turning and nodding motion of the head while performing simple tasks	1964
19650072514	Radar sensing for geoscience purposes monthly progress report, 1 nov. - 1 dec. 1964	1964
19650072652	Sa-9 launch vehicle measuring systems and associated checkout gse description	1964
19650072930	The nasa impact on the economic growth and development of the cape kennedy region - a summary	1964
19650072984	Some aspects of the quantal and semiclassical calculation of phase shifts and cross sections for molecular scattering and transport	1964
19650073083	A model of the internal constitution and temperature of the planet mercury	1964
19650073084	Equivalent width due to two overlapping lines	1964
19650073085	Scattering of high-velocity neutral particles. xiii- ar-ch4, a test of the peripheral force approximation	1964
19650073088	Optimum thickness of stearate "gratings" for soft x rays	1964
19650073090	Problems of measurement and interpretation with reinforcing brain stimulation	1964
19650073166	Minimax problems in control theory twelfth progress report, dec. 1 - dec. 31, 1964	1964
19650073267	<case studies and research in science and government problems< quarterly report, 31 dec. 1964	1964
19650073328	Rocket studies of the lower ionosphere during the iqsy semiannual progress report no. 1, oct. 1, 1963 - mar. 31, 1964	1964
19650073332	Rocket studies of the lower ionosphere during the iqsy semiannual progress report no. 2, apr. 1 - sep. 31, 1964	1964
19650073364	Study of the structure and dynamics of the research and development industry status report no. 1, jul. 1 - sep. 30 1964	1964
19650073365	Study of the structure and dynamics of the research and development industry status report no. 2, oct. 1 - dec. 31 1964	1964
19650073519	Video-roentgenographic study of the heart and lungs during exposure to forward acceleration annual status report	1964
19650073554	Consequent procedures in conventional computers	1964
19650073561	An earth-oriented communication satellite of the passive type	1964
19650073636	Radiation induced surface effects on selected semiconductor devices	1964
19650073809	Tescom corporation 1/4" motor operated regula- tor, model no. 269-085, 6,000 psig service, 0 - 5000 psig outlet pressure	1964
19650074574	Linear signal/noise summer, appendix b final report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650074684	Multipole mixtures in the mossbauer effect	1964
19650074833	Mankind and Space	1964
19650074835	Thermal synthesis of internucleotide phospho- diester linkages	1964
19650074836	Discussion on Physics of Convection Currents in the Earth's Mantle, 20 March 1964 at the Royal Institution	1964
19650074838	On an arbitrary function in the iterative analytic solution of a general system of differential equations	1964
19650074839	Semiannual Report, 1 Jan. - 31 Jun. 1964	1964
19650074841	Space-Related Studies in the Physical, Life, and Engineering Sciences Status Report	1964
19650074842	National Aeronautics and Space Administration International University Fellowships in Space Science Quarterly Report and Annual Financial Report	1964
19650075602	Investigation of zeolite membranes for fuel cells monthly progress report, period ending 7 jan. 1964	1964
19650075695	Project mercury. external system programs	1964
19650075822	The hippocampus and the orienting reflex	1964
19650075824	Efficient Estimation of Radar Astronomy Target Parameters	1964
19650075826	Structure of Atomically Clean Surfaces of Refractory Metals Semiannual Status Report No. 3, 1 Oct. 1963 - 31 Mar. 1964	1964
19650075827	Research in the Aerospace Physical Sciences Semiannual Report No. 2, Sep. 1, 1963 - Feb. 29, 1964	1964
19650075829	<interdisciplinary studies in space-related science and technology> third semiannual report	1964
19650075955	Channel separation and polyphase demodulation equipment for a ss/fm telemetry system final engineering report	1964
19650076033	Spectroscopy and Solid State Quantum Electronics at Optical and Infrared Wavelengths Semiannual Status Report No. 3, Oct. 1, 1963 - Mar. 31, 1964	1964
19650076034	A Study of the Calculus of Variations, Especially as Related to Aerospace Engineering Problems	1964
19650076037	Project "hiam" informal report, jul. - nov. 1964	1964
19650076048	Heat-Transfer Analysis of Rocket Nozzles Using Very High Temperature Propellants Technical Preprint 14-63	1964
19650076052	Three-body reactions	1964
19650076053	A preliminary study of the solid-state bonding of thoria dispersion strengthened nickel	1964
19650076069	Development of the para-sail parachute as a landing system for manned spacecraft	1964
19650076073	Some effects of atmospheric temperature variations on performance of the supersonic transport	1964
19650076075	Effects of radiation on materials and components	1964
19650076076	Electron microscopy of rat cerebellar cortex following exposure to ionizing radiation	1964
19650076077	Albedo and earth radiation deduced from emissivity sensors on the first orbiting solar observatory	1964
19650076078	Evaluation of a definite integral commonly found in magnetic field problems by the use of legendre polynomials	1964
19650076081	Dipole-quadrupole and retardation effects in low energy atom-atom scattering	1964
19650076082	On the differential equations of brillouin- wigner perturbation theory	1964
19650076085	The international symposium on gravitational collapse	1964
19650076086	Global distribution of the net energy balance of the atmosphere from tiros radiation data	1964
19650076088	Optical satellite tracking program semiannual progress report no. 10, 1 jan. - 30 jun. 1964	1964
19650076099	Gsfc four stations progress report, 1-31 mar. 1964	1964
19650076120	Some recent developments in flutter of flat panels	1964
19650076121	A study of irradiation-induced active sites on magnesium oxide by using electron paramagnetic resonance	1964
19650076126	An omni-directional anisotropic chamber	1964
19650076132	Analysis of the impingement of condensed rocket exhaust products upon proximate space vehicles	1964
19650076136	Preliminary analysis of manned mars mission using electric propulsion systems	1964
19650076141	Mission and design of an orbiting radio astronomy explorer	1964
19650076143	Theoretical and experimental investigations of extremely dense plasmas at very high energy densities status report, oct. 1, 1963 - apr. 1, 1964	1964
19650076144	<interdisciplinary space-related research in the physical, life, and engineering sciences> first annual report, 1 nov. 1963 - 1 may 1964	1964
19650076147	Aerodynamic testing using special aircraft	1964
19650076148	Experimental and Analytical Investigation of an MGD Power Duct First Monthly Status Letter, 15 Jul. - 15 Aug. 1964	1964
19650076580	Heat-Transfer Analysis of Rocket Nozzles Using Very High Temperature Propellants	1964
19650076602	On the effect of transition on parameters within a separation region at hypersonic speeds - with emphasis on heat transfer	1964
19650076607	Alumina Size Distributions from High-Pressure Composite Solid-Propellant Combustion	1964
19650076611	Survey of velocity requirements and reentry flight mechanics for manned mars missions	1964
19650076612	Testing experience and calibration experiments in a mach number 12, 1-foot hypersonic arc tunnel	1964
19650076618	Aviation research - 1963	1964
19650076621	Msc's plans for lunar exploration	1964
19650076624	Telemetry encoder for international satellite s-52/uk-2	1964
19650076629	Facilities and Techniques Employed at Lewis Research Center in Experimental Investigations of Cavitation in Pumps	1964
19650076633	Current status of the solid-propellant flight- test vehicle	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650076636	The Solar Extreme Ultraviolet Radiation (1-400angstrom)	1964
19650076638	Aerodynamics and flying qualities of jet v/stol airplanes	1964
19650076639	Simulator studies of space and lunar landing techniques	1964
19650076641	Wall effects and scale effects in v/stol model testing	1964
19650076651	Two New Free-flight Methods for Obtaining Convective-heat-transfer Data	1964
19650076655	Power-Conditioning Requirements for Ion Rockets	1964
19650076659	The X-15 Research Aircraft - Research Accomplished and Planned	1964
19650076664	Calorimetric heating-rate probe for maximum- response-time interval	1964
19650076665	Spacecraft Environmental Systems Development Programs	1964
19650076666	Development of the apollo portable life support system	1964
19650076668	Contributions of the X-15 Program to Lifting Entry Technology	1964
19650076671	Visible absorption spectra of li, na, and k in molten licl-kcl	1964
19650076672	Power-Conditioning Requirements for Ion Rockets	1964
19650076677	The Use of Operational Amplifiers for Phase True Detection	1964
19650077170	Conductivity versus frequency in human and feline cerebrospinal fluid	1964
19650077340	Study of biochemical fuel cells eighteenth monthly letter report, 1 aug. - 1 sep. 1964	1964
19650077342	Study in cometary astrophysics first quarterly status report, 15 apr. - 15 jun. 1964	1964
19650077343	Statistical analysis and discussion of the electron density distributions at the 1000-km surface technical note no. 2	1964
19650077350	Stellar evolution iii - the evolution of a 5m star from the main sequence through core helium-burning	1964
19650077491	Naca conference on helicopters. a compilation of the papers presented	1964
19650077593	A measurement of the proton flux in the inner van allen belt	1964
19650077601	A study of speech cognition by machine	1964
19650077602	Radioisotope brayton cycle power systems survey	1964
19650077605	Phase iv /closed loop/ test results- 3-kw performance demonstration closed brayton cycle power system	1964
19650077609	Infrared and optical instrumentation program for project damp	1964
19650077613	General requirements document for dyna-soar source control drawings and design procurement specifications	1964
19650077616	Internal biological telemetry system feasibility study flight test phase	1964
19650077618	Hiflex final report	1964
19650077622	20 percent ground vibration model test - analysis correlation x-20a	1964
19650077631	Microwave solid-state devices interim report, 1 apr. - 30 jun. 1961	1964
19650077640	<investigate interference to radio astronomy observations due to operation of communica- tions satellite systems< quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650077641	Study of the transferral of space technology to biomedicine final report	1964
19650077645	Optical wave semi-active seeker phase ii monthly progress report, aug. 1 - sep. 1, 1964	1964
19650077646	Model and test information report- 1/6-scale f-111 composite fuselage nose inlet model	1964
19650077649	X-20 elevon heat and load test	1964
19650077655	Compiled functional time line charts for the operations and logistics study of a manned orbiting space station	1964
19650077711	X-20 /dyna-soar/ primary guidance subsystem quarterly progress report, 1 jul. - 30 sep. 1962	1964
19650077721	Staff/474 progress report for december 1963	1964
19650077747	Ammonia fuel monthly progress report, 7 oct. - 7 nov. 1964	1964
19650077749	Research on long life cathodes for small microwave tubes progress report, 23 apr. - 23 jul. 1964	1964
19650077752	First quarterly report, july 1 - october 1, 1964	1964
19650077757	Presentation material for manned locomotion and protection systems study	1964
19650077759	Laminar, turbulent rho r m r integral method program /deck as 1713	1964
19650077762	X-15 and x-15a-2 research airplanes monthly progress letter no. 68, jul. 1964	1964
19650077771	Pressurized bow dome of a cable-reinforced rubber construction for use with an/sqs-26 sonar, phase i interim report, 1 mar. 1963 - 30 apr. 1964	1964
19650077772	Lh 2 system servicing test summary report	1964
19650077777	Improved throat inserts for ablative thrust chambers first interim progress report, jul. - oct. 1964	1964
19650077778	Correlation loss due to slow phase fluctuation	1964
19650077779	Dyna soar program- ds-1 capsule graphite material	1964
19650077780	Concentrated storable hydrogen peroxide monthly letter report, november 1964	1964
19650077785	Acoustic properties of headgear, xvii- sharpe instruments co. type ed/40f earmuffs, safety supply co. type 255 earmuff with em-9 ear seals- cold lake groundcrew protective helmet, and roanwell corp. headset models h-157/a1c and r-425	1964
19650077795	The mariner ii long range earth sensor	1964
19650077796	The surveyor canopus sensor	1964
19650077797	Infrared horizon sensors having no moving parts and using evaporated thermopile detectors	1964
19650077798	15-micron co2 radiance measured from a satellite	1964
19650077799	Conical scan horizon sensor operating in the long-wavelength infrared region	1964
19650077800	Nimbus five-channel scanning radiometer	1964
19650077801	Proposed standards for measurements on infra- red camera tubes	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650077802	Point-source sensor with unique visual- infrared tracking capabilities	1964
19650077803	Infrared fiber optics technique	1964
19650077804	Infrared cloud radiances	1964
19650077805	High-altitude sky luminance measurement	1964
19650077806	State-of-art performance of pbs detectors over temperature range of 4 deg k to 300 deg k	1964
19650077807	Some properties of cooled insb photoconductive infrared detectors	1964
19650077808	A comparison of the performance of copper- doped germanium and mercury-doped germanium detectors	1964
19650077809	Mercury-doped germanium linear array	1964
19650077810	Tunable infrared photodetectors	1964
19650077811	Application of long-wavelength photoconductors in engine-refrigerated cryostats	1964
19650077812	Perspective and map distortions in line-scan strip mappers	1964
19650077813	Computation of an optimal spectral filter	1964
19650077814	Advanced earth sensor design considerations	1964
19650077815	Camera tube sensing layers for the 8 to 14 micron region	1964
19650077816	The irscope-infrared imaging tube	1964
19650077817	A solid-state imaging transducer	1964
19650077818	Development of a vidicon contrast contour tracker	1964
19650077820	Recent advances in the technology of pbs detectors	1964
19650077821	Epitaxially deposited inas photo-conductive detectors	1964
19650077822	Photoconductive detectors and components for long-wavelength infrared radiation /50 to 150 microns/	1964
19650077823	Infrared detection of heat sources obscured by tropical rain forest vegetation	1964
19650077824	Infrared scanner observations of volcanic activity	1964
19650077828	Special-purpose ir tracking techniques	1964
19650077829	Satellite infrared background experiment	1964
19650077830	The prospects for some ultraviolet detection systems	1964
19650077831	A review of soviet laser technology	1964
19650077832	A near-space measurement of the apparent spectral radiant intensity during boost phase of a thor delta missile	1964
19650077833	Models for launch-phase ballistic missile radiation	1964
19650077834	Piggyback infrared emission measurements on atlas 21f during sustainer flight and post- engine burnout	1964
19650077835	Radiation geometry of an irbm plume	1964
19650077836	Infrared radiometric measurements of a titan i missile	1964
19650077837	On the interpretation of re-entry optical data	1964
19650077863	Dyna-soar program. ds-1 escape system performance specification	1964
19650077883	E-band receiver system final technical report	1964
19650077892	Low speed wind tunnels for special purposes	1964
19650077907	Photometric micro-titration technique for the determination of trace amounts of water in organic materials by means of the karl fischer reagent	1964
19650077918	Dyna Soar, Step 1 Program and Facilities Quarterly Progress Report, Jul. - Sep. 1961	1964
19650077923	On the approach to equilibrium of an isolated spin system with interaction	1964
19650077924	The effects of weightlessness and other stresses associated with flight in space vehicles on pathogenicity and immunity semiannual status report, 15 feb. - 15 aug. 1964	1964
19650077929	Radar cross-section of lossy plasma bodies in the vicinity of plasma resonance scientific report no. 20	1964
19650077933	Solid-state techniques for modulation and demodulation of optical waves fourth quarterly progress report, 1 apr. - 30 jun. 1964	1964
19650077935	Measurement of angular rotation with photons semi-annual report, 1 apr. - 30 sep. 1964	1964
19650077936	<research in earth and planetary sciences> semiannual status report, nov. 12, 1964	1964
19650077939	An experimental investigation of stagnation point injection in high temperature hyper- sonic flow	1964
19650077942	Wave propagation in nonuniform media considered by partial wave analysis interim report no. 2	1964
19650077957	Possible source mechanism for low-energy galactic electrons	1964
19650077958	<turbine disk burst protection study>	1964
19650077966	Requirements for space materials	1964
19650077993	Alrv aerodynamics design summary report aerodynamic data memo no. 132	1964
19650077996	Orbital space station study. volume iii, appendix b- experiment definitions, part 5 of 7 parts, experiments 65 through 96	1964
19650077997	Orbital space station study. volume i- summary final report	1964
19650077998	Orbital space station study. volume iii-9, task ii, appendix b	1964
19650078000	Orbital space station study. volume ii-3, task iii	1964
19650078001	Orbital space station study. volume iii-6, task ii, appendix a, part i	1964
19650078002	Orbital space station study. volume iv-1, task 1, part i	1964
19650078004	Orbital space station study, volume ii-2, task iii	1964
19650078006	Dyna-Soar Step IIA Planning and Analysis, First Interim Report	1964
19650078007	Dyna-Soar Titan III Air Vehicle with Fins Description, Air Vehicle 853-1002	1964
19650078031	Orbital space station study final report	1964
19650078036	Fylingdales satellite and electromagnetic environment performance integration test report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078048	Dyna-Soar Titan III Air Vehicle Description, Air Vehicle 853-1001B, Volume 1	1964
19650078058	Sycamore mk. 3 - wt 939 /alvis leonides le. 23hm/ flying qualities assessment	1964
19650078060	Exploratory studies and analysis of the problem of buckling of cylindrical shells with inclined stiffeners	1964
19650078065	<solid state research, may - august 1964<	1964
19650078066	Disaster control plan 64-1. annex b- hurricane control plan	1964
19650078068	The applicability of acoustic energy as a battlefield weapon	1964
19650078069	Low drain sensors final report	1964
19650078070	Materials briefs, number 12	1964
19650078071	Effect of space environment on circadian rhythms of plants, for the purpose of defining and verifying an experiment suitable for use in a biosatellite semiannual report, mar. 1- sep. 1, 1964	1964
19650078072	Examination of possible alternative materials to protective px-12	1964
19650078101	Concentrated storable hydrogen peroxide monthly letter report, dec. 1964	1964
19650078106	Experimental performance of high impulse propellant systems	1964
19650078160	<service acceptance trials of the model uh-2a /hu2k-1/ aircraft, bis 21234< final report	1964
19650078174	Preliminary descriptive art for lunar escape device	1964
19650078188	Study of the transport of neutrons resulting from proton-induced nuclear evaporation and intra-nuclear cascade monthly progress report no. 9, 1-31 mar., 1964	1964
19650078189	Progress report, may - october, 1964	1964
19650078212	Theoretical research on the pressure distribution on non-spinning multi-stage spacecraft performing bending oscillations thirteenth quarterly progress report, mar. 20 - jun. 20, 1964	1964
19650078226	Study of cryogenic propellants, stratification reduction interim report, jul. 1963 - jun. 1964	1964
19650078227	F-1 engine uprating study fourth informal monthly status report	1964
19650078235	Instrumentation system for the msfc attitude motion simulator second monthly progress report, apr. 1964	1964
19650078236	Aviation and cosmonautics	1964
19650078239	Solar-geophysical data. descriptive text and index for crpl-f, part b	1964
19650078240	Development of high strength, brazed aluminum, honeycomb sandwich composites adaptable for both elevated and cryogenic temperature applications eleventh monthly report, may 1964	1964
19650078253	Dyna Soar Step I- Booster Airborne Instrumentation System Specification	1964
19650078278	Predicting success in scientific laboratories from biographical information quarterly progress report no. 21, 1 sep. - 1 nov. 1964	1964
19650078285	On the electrical and thermal properties of plasmas	1964
19650078309	Type-life programs technical progress report, 1 jul. - 30 sep. 1964	1964
19650078337	Research on growth of plane-stress flaws in thin-walled cryogenic material monthly letter report no. 4, 1 - 30 nov. 1964	1964
19650078338	Utilization of the xb-70 for supersonic transport flight research monthly progress report, oct. 1964	1964
19650078345	Application of optimum control to nuclear reactor start-up first semiannual status report, 1 jul. - 31 dec. 1963	1964
19650078348	Experimental and theoretical studies in planetary aeronomy quarterly progress report, 15 oct. 1963 - 15 jan. 1964	1964
19650078349	210-ft. radio telescope, parkes progress report no. 3, period ending 31 dec. 1963	1964
19650078350	Cytogenetics of cells in culture, including radiation studies	1964
19650078356	Ion exchange fuel cell second semiannual technical summary report, jan. 1 - jun. 30, 1962	1964
19650078398	High intensity gust investigation /wft 1217 r3/, model f-106a. applicable proprietary data notes final report	1964
19650078400	High intensity gust investigation /wft 1217 r3/, model f-106a. part 2 of 10, appendix 2 b-52 flight test activities report	1964
19650078401	High intensity gust investigation /wft 1217 r3/, model f-106a. part 3 of 10, appendix 2 b-52 flight test activities report	1964
19650078402	High intensity gust investigation /wft 1217 r3/, model f-106a. part 4 of 10, appendix 2 b-52 flight test activities report	1964
19650078403	High intensity gust investigation /wft 1217 r3/, model f-106a. part 5 of 10, appendix 2 b-52 flight test activities report	1964
19650078404	High intensity gust investigation /wft 1217 r3/, model f-106a. part 6 of 10, appendix 2 b-52 flight test activities report	1964
19650078405	High intensity gust investigation /wft 1217 r3/, model f-106a. part 7 of 10, appendix 2 b-52 flight test activities report	1964
19650078406	High intensity gust investigation /wft 1217 r3/, model f-106a. part 8 of 10, appendix 2 b-52 flight test activities report	1964
19650078407	High intensity gust investigation /wft 1217 r3/, model f-106a. part 9 of 10, appendix 2 b-52 flight test activities report	1964
19650078408	High intensity gust investigation /wft 1217 r3/, model f-106a. part 10 of 10, appendix 2 b-52 flight test activities report	1964
19650078409	High intensity gust investigation /wft 1217 r3/, model f-106a. part 1 of 2, appendix 3 b-52 flight test activities report	1964
19650078410	High intensity gust investigation /wft 1217 r3/, model f-106a. part 2 of 2, appendix 3 b-52 flight test activities report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078411	High intensity gust investigation /wft 1217 r3/, model f-106a. part 2 of 2, appendix 4 b-52 flight test activities report	1964
19650078412	High intensity gust investigation /wft 1217 r3/, model f-106a. part 1 of 2, appendix 4 b-52 flight test activities report	1964
19650078413	High intensity gust investigation /wft 1217 r3/, model f-106a. part 1 of 5. appendix 5 b-52 flight test activities report	1964
19650078414	High intensity gust investigation /wft 1217 r3/, model f-106a. part 2 of 5, appendix 5 b-52 flight test activities report	1964
19650078415	High intensity gust investigation /wft 1217 r3/, model f-106a. part 4 of 5, appendix 5 b-52 flight test activities report	1964
19650078416	High intensity gust investigation /wft 1217 r3/, model f-106a. part 1 of 2, appendix 6 b-52 flight test activities report	1964
19650078417	High intensity gust investigation /wft 1217 r3/, model f-106a. part 2 of 2, appendix 6 b-52 flight test activities report	1964
19650078418	High intensity gust investigation /wft 1217 r3/, model f-106a. part 1 of 2, appendix 7 b-52 flight test activities report	1964
19650078419	High intensity gust investigation /wft 1217 r3/, model f-106a. part 2 of 2, appendix 7 b-52 flight test activities report	1964
19650078420	High intensity gust investigation /wft 1217 r3/, model f-106a. part 1 of 1, appendix 8 b-52 flight test activities report	1964
19650078425	High intensity gust investigation /wft 1217 r3/, model f-106a. part 5 of 5, appendix 5 b-52 flight test activities report	1964
19650078426	High intensity gust investigation /wft 1217 r3/, model f-106a. part 3 of 5, appendix 5 b-52 flight test activities report	1964
19650078447	Design and development of a distance measur- ing device monthly progress report, 1 jun. - 1 jul. 1964	1964
19650078486	Amr test 022 data summary report	1964
19650078497	Recovery safety criteria used for past and current usaf program, part i	1964
19650078506	Minimum Variance Orbit Determination Program Third Quarterly Status Report, 22 Jan. - 22 Apr. 1964	1964
19650078510	Siderite /feco3/- thermal decomposition in equilibrium with graphite	1964
19650078511	Studies in field of turbulent boundary layer noise research progress report no. 1, may 14 - jun. 14, 1964	1964
19650078555	Gemini Launch Vehicle Reliability Summary and Summary Data (YLR87-AJ-7 and YLR91-AJ-7 Rocket Engine)	1964
19650078564	Design study and development of a vehicle- detection system, phase ii first monthly interim letter report	1964
19650078565	Design study and development of a vehicle- detection system, phase ii third monthly interim letter report	1964
19650078575	Design study and development of a vehicle- detection system, phase ii second monthly interim letter report	1964
19650078579	Miniature long life temperature telemetry system	1964
19650078580	Magnitude studies and detection capability studies conducted under project vt/036 technical report, 1 mar. 1963 - 30 jun. 1964	1964
19650078583	Radiochemical determination of manganese-56 and sodium-24 in fused silicate fallout material	1964
19650078584	Roll-out inspection plan for propellant tanks, gemini launch vehicle	1964
19650078588	Northrop lunar technology studies briefing chart book	1964
19650078614	Navigation satellite system concept	1964
19650078621	Nature of particles involved in lipid synthesis in yeast	1964
19650078627	Report on trip to afmtc, january 1964	1964
19650078642	The ch-53a transport helicopter for the u. s. marine corps and the u. s. army	1964
19650078649	Gemini Launch Vehicle- Program and Facilities Monthly Progress Report	1964
19650078711	Possible source mechanism for low-energy galactic electrons	1964
19650078735	Error estimates in the variational many-boson calculation	1964
19650078737	A Comparison of Two Types of Extinction Following Fixed-ratio Training	1964
19650078744	Biological rhythms	1964
19650078753	Snap-8 mercury pump-motor assembly thermal analysis	1964
19650078786	Research and Exploratory Development for the Office of Aeronautical Research, National Aeronautics and Space Administration./u/ Quarterly Report, Oct. - Dec. 1964	1964
19650078792	Research and Exploratory Development for the Office of Aeronautical Research, National Aeronautics and Space Administration	1964
19650078813	Eighth materials review, 4 january - 5 july 1960	1964
19650078831	Automated life detection	1964
19650078861	Research leading to the development of a fast activating, high energy thermal battery fifth quarterly progress report, 15 jun. - 14 sep. 1964	1964
19650078864	Analysis of Nasa Launches, 1960 Through 1963	1964
19650078870	Butarez ctl polybutadiene, a new solid propellant binder	1964
19650078881	Investigation of radiation emitted from flames final report	1964
19650078931	[No Title]	1964
19650078946	Measurement of very short carrier lifetimes in semiconductors	1964
19650078947	Relativistic perturbed oscillator	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650078948	Algebraic aspects of the three body problem interim report, 15 sep. 1963 - 14 mar. 1964	1964
19650079002	Evaluation of plutonium oxide brayton cycle heat source	1964
19650079008	Some observations at high rates of shear using a coaxial cylinder viscometer	1964
19650079011	Gemini Launch Vehicle Program Monthly Progress Report, 1 - 30 April 1964	1964
19650079025	MORL Briefing	1964
19650079028	Direct measurements in the ionosphere status report, 1 dec. 1963 - 30 nov. 1964	1964
19650079065	Wing box fuel containment. volume iv- test results and evaluation, book c	1964
19650079076	Official altitude qualification tests of the t64-ge-8 turboprop engine, phase a final report	1964
19650079084	Density of matter assembled from randomly incident particles	1964
19650079180	Environment effect investigation of diodes	1964
19650079185	Room temperature contour rolling of 8-1-1 titanium sections	1964
19650079236	A dynamic study of the condenser bypass flow control as proposed for snap-8	1964
19650079241	The trisextant space navigation instrument for use in a manned, low-altitude satellite	1964
19650079297	Study of high power hydrogen thyratrons and secondary emission in hydrogen thyratrons final report /first annual report/	1964
19650079408	Spectral radiant intensities and derived surface parameters rex-3 final report	1964
19650079417	Wing i, operational testing launch demonstration no. 4 "arm chair" ftm 642 - flight test report	1964
19650079456	Neodymium laser glass improvement program quarterly letter report no. 7, period ending 31 dec. 1963	1964
19650079461	Research and development to obtain semiconductor junction mixer diodes for countermeasures equipment second interim engineering report, 1 oct. - 31 dec. 1963	1964
19650079464	Glider component verification test requirements, x-20	1964
19650079465	Glider and glider booster transition static test requirements, x-20	1964
19650079470	Data sensor instrumentation installation and maintenance manual - glider/transition static test program, x-20	1964
19650079515	The repulsive energy of the alkali halides	1964
19650079520	Wiring and Cabling Practices /Bell System/ Technical Manual ME-1121	1964
19650079521	Control organization methods and techniques study /comats/. a study of design philosophy and implementation for the control of tactical digital switching centrals in the future field army quarterly progress report, period ending 31 dec. 1964	1964
19650079526	Gas tungsten-arc /gta/ and gas metal-arc /gma/ fusion welding of 8ai-1mo-iv titanium extrusions	1964
19650079540	Reactions of free radicals containing nitrogen administrative report no. 6, 1 jan. - 31 mar. 1964	1964
19650079541	Reactions of free radicals containing nitrogen administrative report no. 8, 1 jul. - 30 sep. 1964	1964
19650079542	Reactions of free radicals containing nitrogen administrative report no. 9, 1 oct. - 31 dec. 1964	1964
19650079544	Effect of exposure to a constant environment on circadian cycles of physiological functions and performance	1964
19650079545	Wallops station handbook	1964
19650079569	Evaluation of x-20 verification no. 1 nose cap after environmental test - release i	1964
19650079572	Radio frequency studies on electroexplosive devices monthly progress report, oct. 1 - 31, 1964	1964
19650079601	Lead zirconate-titanate ceramic. the rhombohedral-tetragonal phase boundary in lead zirconate-titanate solid solutions	1964
19650079915	Investigation of factors affecting early exploitation of integrated solid circuitry. volume iii- ie procurement specifications interim technical documentary progress report, 1 dec. 1963 - 1 mar. 1964	1964
19650079918	Effect of high purity of iron on its proton charging capability /cathodic hydrogen/ and on its brittleness at low temperature	1964
19650079936	Limiting currents in a centrifugal- electrostatic focusing system	1964
19650080155	Acoustic telescope field test report	1964
19650080192	Scientific mission definition for post-apollo manned exploration of space. manned lunar orbital missions, volume a- preliminary draft for review purposes	1964
19650080254	Static immersion of non-metallic materials in gaseous flow	1964
19650080258	Infrasonic waves from aurorae	1964
19650080324	Nuclear rocket simulator tests flow initiation with no turbine gas, tank pressures 35, 50, and 25 psia, runs 4, 6, and 7	1964
19650080367	Research and development program. ion exchange membrane fuel cell for naval propulsion combined report summary, phases i - iv final, phase v	1964
19650080411	Operation of neutron diffraction facilities at plum brook report no. 1, jul. 1963 - jan. 1964	1964
19650080412	Engineering study for reclining arming tower	1964
19650080414	Ground based control studies for p-1084	1964
19650080595	The shoot-down probability when firing automatic anti-aircraft guns	1964
19650080598	Project asset- flight vehicle aev-2	1964
19650080599	The development of a gas generator using liquid oxygen and kerosene for driving the turbopump of a 50,000 lb thrust rocket engine	1964
19650080602	Fluorides and oxyfluorides, review article surveys of soviet-bloc scientific and technical literature	1964
19650080673	Wave Functions and Transition Probabilities for Light Atoms and Highly Ionized Ions Status Report No. 2, 1 Mar. 1963 - 31 Jul. 1964	1964
19650080675	Properties of Multilayer Filters Interim Report, Mar. 1 - Aug. 31, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650080677	Launch vehicle technology study	1964
19650081013	Design evaluation/qualification of vibration measuring system, dac scd 1a38443-1	1964
19650081090	Study in plasma physics associated with the simulation of the interplanetary plasma technical status report, 5 jun. - 5 sep. 1964	1964
19650081118	Lower bounds for eigenvalues	1964
19650081123	Isotopic systems for manned space missions	1964
19650081162	Snapshot system safety review	1964
19650081165	Development of a 425 foot diameter passive communication satellite with self erecting properties monthly progress report no. 5m, oct. 1964	1964
19650081171	Development of a prototype plastic space erectable satellite progress report	1964
19650081172	Project ultra-echo monthly progress report no. 6, 20 nov. - 31 dec. 1964	1964
19650081176	Meteoroid penetration distributed transducer progress report, jun. 1964	1964
19650081177	Application of rice/wilberforce gravity- gradient damper to nasa lenticular communi- cation satellite	1964
19650081221	Maneuverable descent systems for mars landing	1964
19650081223	C-141a. flap drive system performance and endurance test results	1964
19650081224	Flame sprayed ceramic coating technique- economic summary supplement no. 1 to final report	1964
19650081333	Advanced orbiting solar observatory, phase i, volume ii final report, period ending 17 nov. 1964	1964
19650081448	The State of the Art of Thermoelectricity Interim Report	1964
19650081485	Nonsimilar-nonequilibrium boundary layer program	1964
19650081508	Laser radar for space missions- exploratory studies of the major factors	1964
19650081515	Nonequilibrium Gasdynamics Related to Propul- Sion Systems Quarterly Report, Period Ending 31 Jun. 1964	1964
19650081516	Research and Development of an Instrument for Detection of Extraterrestrial Life by Optical Rotatory Dispersion First Quarterly Report, 25 Feb. - 25 May 1964	1964
19650081517	Interdisciplinary Studies of the Effects of the Space Environment on Biological Systems Semiannual Status Report, 1 Nov. 1963 - 30 Apr. 1964	1964
19650081520	Proportional Solid Propellant Secondary Nozzle Injection Program Progress Report No. 11, 1-31 May 1964	1964
19650081523	Noise Investigations with Impinging Jet Flows Biannual Status Report No. 2, 1 Dec. 1963 - 31 May 1964	1964
19650081524	Flight Report for Vehicle S/n 20011/20102/20106, Delta Program - Mission No. 24, Spacecraft- S-66	1964
19650081526	Delta Monthly Technical Progress Report	1964
19650081528	Determination of Low-temperature Fatigue Properties of Structural Metal Alloys Quarterly Progress Report, Mar. - May 1964	1964
19650081530	Experimental Studies for the Detection of Protein in Trace Amounts Second Quarterly Status Report, 1 Nov. 1963 - 31 Jan. 1964	1964
19650081531	A Biological Approach to Behavior Progress Report, 1 Sep. 1963 - 30 Apr. 1964	1964
19650081532	Development, Feasibility Study of a Cryogenic Cooler /prototype/ Informal Monthly Report, 1-30 Jun. 1964	1964
19650081535	Advanced orbiting solar observatory, volume i final report	1964
19650081544	Steady state airload distribution on a hammerhead shaped payload of a multistage vehicle at transonic speeds	1964
19650081617	Reliability mathematical model saturn s-v/s-ivb stage	1964
19650081618	Advanced orbiting solar observatory, volume iv final report	1964
19650081619	A Study of Advanced Voyager/Beagle for Saturn V	1964
19650081694	Automatic picture transmission /apt/ subsystem for nimbus meteorological satellite quarterly technical report no. 13, dec. 1963 - feb. 1964	1964
19650081695	Automatic picture transmission /apt/ subsystem for nimbus meteorological satellite quarterly technical report no. 12, sep. - nov. 1963	1964
19650081703	National aeronautical and astronautical research, institute amsterdam	1964
19650081704	Tables of thermodynamic properties of argon from 100 to 3000 deg k	1964
19650081707	Efficiency calculations for proportional counters <effektivitatsberechnungen fur proportionalzahlrohre>	1964
19650081708	Welding of very thick steels quarterly report no. 13, 1 oct. - 31 dec. 1964	1964
19650081728	Boiling Flow Instability Semiannual Status Report	1964
19650081729	The Study of Transient Heat Transfer Problems Quarterly Progress Report V, 12 Mar. - 31 May 1964	1964
19650081741	Reversal of the diurnal phase variations of gbr /16 kc/s/ observed over a path of 720 km	1964
19650081742	Portable spaced-loop antenna second quarterly progress report, 1 jan. - 31 mar. 1964	1964
19650081743	Research and development program for a reliable, solid-state signal source for 8-10 gc final report, apr. 1961 - jun. 1962	1964
19650081745	Operator proficiency in interpreting ground surveillance radar signals /an/tps-33/	1964
19650081746	A possible method for the worldwide monitoring of the state of the ionospheric d region from one small area	1964
19650081747	Flight evaluation of compartment v thermal environment final report	1964
19650081748	On n-dimensional additive moduli and diophantine approximations, part i	1964
19650081750	Development of refractory ceramics that can be processed at temperatures considerably lower than their maximum use temperature	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081751	Advanced polymer research to develop polymers for use in coatings exposed to extreme environments progress report, 21 oct. 1963 - 15 jun. 1964	1964
19650081752	Long wavelength infrared domes interim engineering report, 10 jun. - 20 sep. 1964	1964
19650081754	Masjet- an ibm 7044 program for flight performance of a propulsion system with jettisoning of mass at discrete intervals	1964
19650081755	Application of potentiostatic and galvano- static techniques to the study of intergran- ular corrosion in high strength aluminum alloys fourth progress report, dec. 1962 - dec. 1963	1964
19650081756	Process development for internal roll extrusion of large rocket motor cases interim engineering progress report, 1 jun. - 31 aug. 1964	1964
19650081757	624a stage iii propulsion system test report, run no. 11	1964
19650081761	The imperial college of science and technology. solid state research of prof. m. blackman and dr. e. p. wohlfarth	1964
19650081762	Optics and spectroscopy in the london area. ii- king's college, royal holloway college and queen mary college, london university, light division, npl	1964
19650081763	Preparation and polymerization of some perfluorodienes	1964
19650081764	The franco-german research institute at saint-louis, france /revisited/	1964
19650081765	Optics and spectroscopy in northern england- hull, newcastle upon tyne, and leeds	1964
19650081767	Corrosion and stress corrosion of 5000-series aluminum alloys in marine environments	1964
19650081768	Process development for stranding and plying of metallic yarns, phase ii progress report, 1 oct. - 31 dec. 1963	1964
19650081771	Coherent light transmitter techniques semi- annual report, 5 aug. 1963 - 5 feb. 1964	1964
19650081772	The influence of oh minus ions on the absorp- tion spectrum and ion conductivity of kc1 single crystals <der einfluss von oh minus- ionen auf absorptionspektrum und ionenleit- fahigkeit von kc1-einkristallen>	1964
19650081774	On n-dimensional additive moduli and diophantine approximations, part ii	1964
19650081775	Test results of the l-band diffron /low-noise, dc-pumped cyclotron wave device/	1964
19650081779	Detail design and component testing of a 1-1/4-ton payload data test bed, phase ii	1964
19650081780	Extension of long-term oxidizer storage program. part i - humid atmosphere corrosion test using a test specimen with known oxidizer leaks	1964
19650081782	Development and evaluation of large-scale rva and cfz graphite interim engineering progress report, 1 jan. - 30 apr. 1964	1964
19650081785	Sst handling characteristics during approach and landing flight regimes, volume i quarterly progress report no. 4, 1 apr. - 30 jun. 1964	1964
19650081786	A linearized analysis concerning boundary layer effects on the static and dynamic behavior of slender, ablating and nonablating bodies. task 3.3- engineering aerodynamics - rest program	1964
19650081787	Program 624a value engineering report progress report, 1 jan. - 30 jun. 1964	1964
19650081788	Oscillator strengths for the delta v equals 0 and delta v equals 1 transitions of the c2 swan-band system behind reflected shock waves /task 3.5 experimental gas dynamics -- rest program/	1964
19650081789	Mass injection into a turbulent boundary layer	1964
19650081790	Aero-thermo structural analysis of carbona- ceous heat shield materials /task 4.1 high-performance hardened heat shield develop- ment -- rest program/	1964
19650081791	High viscosity refractory thermal protection materials quarterly report, 1 jan. - 31 mar. 1964	1964
19650081792	Silica fiber/core-sheath fiber quarterly progress report, 1 may - 31 jul. 1964	1964
19650081794	An extension of present numerical solutions for transient-heat conduction	1964
19650081797	Machine calculation of the radar cross sections of infinitely long cylinders /task 4.5 radar absorbing materials-- rest program/	1964
19650081798	Hot-wire measurements of the stagnation temperature field in the wake of slender bodies /task 3.5 experimental gas dynamics-- rest program/	1964
19650081799	Correlation of numerical solutions of the laminar wake /task 3.1--theoretical flow field analysis--rest project/	1964
19650081801	Striplap method of rocket motor case fabrication interim technical engineering report, 7 dec. 1963 - 6 mar. 1964	1964
19650081803	Program 624a stress analysis report- sssl configuration a, vehicles 1 thru 8	1964
19650081804	Pressure transducer for measuring shock wave profiles, phase ix- additional gage development progress report, 1-31 mar. 1964	1964
19650081805	Process development for internal roll extrusion of large rocket motor cases interim engineering progress report, 1 mar. - 31 may 1964	1964
19650081806	Missile system vehicles	1964
19650081807	On the nature of radiant heat transport in an opaque gas /task 3.1--theoretical flow fields --rest program/	1964
19650081809	An inductive power supply to drive a high energy laser system	1964
19650081810	An evaluation of the environmental significance of a postulated fuel element failure incident at the brookhaven graphite research reactor	1964
19650081811	Evaluation of an airesearch model gtc85-56 gas turbine engine with jp-5r fuel	1964
19650081812	Microstructure studies of polycrystalline refractory oxides quarterly progress report, 28 apr. - 28 jul. 1964	1964
19650081813	Improved leak detection, correlation of actual leakage with instrument indications, effects of humidity on leaks and categorization of leak information final report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081814	Manufacturing technology for large monolithic fiberglass reinforced plastic rocket motor case interim engineering progress report, 1 may - 31 jul. 1964	1964
19650081815	Performance capabilities of military dimension filter/coalescer elements at 20-gpm flow rating technical report, feb. 1962 - dec. 1963	1964
19650081816	Kinetics of the nitrous oxide decomposition by mass spectrometry- a study to evaluate gas sampling methods behind reflected shock waves /task 3.5--experimental gas dynamics--rest program/	1964
19650081817	Mass spectrometer study of the thermal decom- position of c2clf3 behind reflected shocks /task 3.5 - experimental gas dynamics - rest program/	1964
19650081818	Investigation of fluids to replace water in the hydrostatic testing of the titan ii propellant tanks - dsr s 11046a	1964
19650081819	Static test summary failure report, transtage tanks critical condition	1964
19650081820	Factors controlling the strength of composite bodies /interphase fracturing of composite bodies/ quarterly progress report, 17 feb. - 17 may 1964	1964
19650081823	Tunnel blockage studies of an f-111 inlet model in the mach number range from 0.60 to 3.00	1964
19650081825	The effect of isolation mount damping on vibration transmission in a simple system with complex termination	1964
19650081827	624a stage iii propulsion system test report, run no. 4	1964
19650081828	Development of an atmospheric density gauge based on the bremsstrahlung effect quarterly status report, nov. 15, 1963 - feb. 15, 1964	1964
19650081829	The flow of a chemically reacting gas mixture, volume ii	1964
19650081832	Titan iii propellant tanks and domes, pressure cycle tests final report	1964
19650081833	U. s. army division area random access discrete address /rada/ communication system. system design plan. volume ii- operational aspects	1964
19650081834	Striplap method of rocket motor case fabrication final report, 4 nov. 1960 - 31 jul. 1964	1964
19650081836	Hitab - tris payload	1964
19650081837	Statistical presentation of landing parameters for models f-8a, f-3b, and a-4b aircraft aboard the uss oriskany /cva-34/ in the westpac area	1964
19650081838	An evaluation of certain materials and techniques for handling accidentally released chlorine trifluoride mixed hydrazines propellant	1964
19650081839	Londonderry-cheltenham data modem trials of 1963	1964
19650081841	The current status of thermal conductivity reference standards at the national bureau of standards	1964
19650081843	Analysis and testing program /satp/. schops milestone 11	1964
19650081845	Basic studies on thermoelectric materials quarterly report	1964
19650081846	Panel on tracking data analysis final report	1964
19650081847	624a stage iii propulsion system test report, run no. 5	1964
19650081848	Weapon system ws133a. rocket motor assembly, pitch, part number 330130-1, specification no. s-133-1005-0-1-6 qualification test report	1964
19650081850	Operational spacetrack system at colorado springs	1964
19650081851	Diffusion forecasting for titan ii operations	1964
19650081852	Emergency airborne escape summary, third quarter calendar year 1963	1964
19650081853	Acoustic reflexometry- a preliminary note	1964
19650081854	Development objectives guide- prime power-unattended facilities	1964
19650081855	Sixth monthly progress letter and project summary, 12 december 1963 - 31 january 1964	1964
19650081856	U. s. army division area random access discrete address /rada/ communication system, system design plan. volume ivb- system analysis	1964
19650081857	United states army aviation crash injury research summary report, 16 sep. 1962 - 15 jan. 1964	1964
19650081860	Intermittent creep and stability of materials for sst applications technical documentary report, 1 july 1962 - 29 feb. 1964	1964
19650081861	Service suitability trials of the uh-1e helicopter final report	1964
19650081863	Calibration of the natts distortion rig and a proposed method for simulating turbojet engine compressor inlet pressure profiles	1964
19650081866	Control data requirements investigation for optimization of fuel on supersonic transport vehicles. part 1- development and checkout of an ibm 7090 program for fuel management analyses. volume 1- /project status/	1964
19650081870	Thermal stress determination techniques for supersonic transport aircraft structures. part ii- design data for sandwich plates and cylinders under applied loads and thermal gradients technical documentary report, 15 jun. 1962 - 31 jul. 1963	1964
19650081874	Noise figure and gain characteristics of typical low-noise traveling-wave tubes	1964
19650081875	Optical coating for absorptance of solar energy quarterly progress report, dec. 1, 1963 - mar. 1, 1964	1964
19650081876	Literature survey of ultrasonic methods for nondestructive testing, particularly of adhesive bonded joints partial report	1964
19650081879	Cpdc support system descriptions, milestone 11, magnetic tape sort, sort3x	1964
19650081880	Manufacturing process development for high strength steels. phase ii- process develop- ment, 18ni-co-mo maraging and 9ni-4co quench and temper high strength steels interim engineering progress report, 1 apr. - 1 jul. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081881	624a stage iii propulsion system test report, run no. 10	1964
19650081883	Fuselage fail-safe design data and bomb-resistant analysis for the supersonic transport technical documentary report, 1 may 1963 - 30 jun. 1964	1964
19650081884	Microscopic theory of ionized gases <theorie microscopique des gaz ionises<	1964
19650081886	Materials and processing techniques for air reconnaissance photography	1964
19650081887	Evaluation of acid eaters	1964
19650081889	Aviation and cosmonautics, no. 12, december 1963	1964
19650081890	Design concepts for minimum weight high performance supersonic aircraft structures. volume iii- testing	1964
19650081902	Radio receiver r-903/xe-2//prd first quarterly progress report, 1 jan. - 30 apr. 1964	1964
19650081903	Effects on missile performance from dissolved nitrogen in titan ii propellants. phase i- tank-top pressure decay	1964
19650081905	Development of a microelectronics processor interim engineering progress report, 1 feb. - 30 apr. 1964	1964
19650081907	Static thermoelastic analysis of a homogeneous isotropic solid cone of finite length	1964
19650081908	An analytical study, including the effects of rotary inertia and shear, of the response of elastic beams subjected to acceleration pulses	1964
19650081909	Evaluation of coatings for imparting oil resistance to expanded polystyrene	1964
19650081932	The mechanical systems design and performance of four drte black brant iia rockets	1964
19650081933	Theories of magnetism quarterly technical status report, 1 apr. - 30 jun. 1964	1964
19650081935	Improved transportable h.f. direction finder set first quarterly progress report, 27 dec. 1963 - 31 mar. 1964	1964
19650081936	Annual report of the defence research tele- communications establishment, 1963	1964
19650081938	Research on thin film polycrystalline solar cells quarterly technical progress report, 1 apr. - 30 jun. 1964	1964
19650081939	Microminiature passive telemetry for biological measurements quarterly status report no. 1, 1 oct. - 31 dec. 1963	1964
19650081943	Titan iii aerodynamic characteristics data report	1964
19650081944	Further studies of the response to shock loading of vehicles cushioned for aerial delivery	1964
19650081947	National Launch Vehicle Summary	1964
19650081948	Pilot plant operations technical progress report, 1 sep. - 31 dec. 1963	1964
19650081949	Evaluation of the spin and spin recovery characteristics of the a-6a airplane final report	1964
19650081950	Evaluation of the starting performance of boeing model t50-bo-4 engines equipped with woodward governor co. types 402005 and 405840 fuel controls, phase b final report	1964
19650081951	Wing pivot designs and analyses for a supersonic transport. volume i- designs and analyses final report, 1 jul. 1963 - 1 mar. 1964	1964
19650081955	Investigation of bearing lubrication with additive fuel	1964
19650081956	Para ortho conversion of hydrogen quarterly report, 30 jan. - 30 apr. 1964	1964
19650081958	Thick section fracture toughness, exhibit 'b' quarterly progress report no. 2, 1 oct. - 31 dec. 1963	1964
19650081959	Evaluation of flexible tubing corporation assembly no. ft-7768 duct for use with gas turbine compressors final phase vv report	1964
19650081960	Research in the field of liquid-metal- lubricated bearings quarterly progress report, period ending 15 may 1964	1964
19650081962	Evaluation of the pemco model 110 magnetic recorder/reproducer	1964
19650081964	Turbulent hypersonic wakes	1964
19650081966	Development of materials for saturn flexible heat shield curtains and tail section insulation quarterly progress report, 1 feb. - 1 may 1964	1964
19650081967	Control data requirements investigation for optimization of fuel on supersonic transport vehicles. part i- development and checkout of an ibm 7090 program for fuel management analyses. volume ii- /basic program description/	1964
19650081971	Integral equations for incompressible second- order boundary-layers	1964
19650081974	An investigation of errors encountered in spectral analysis techniques	1964
19650081978	Project glow semiannual technical report, 1 jul. - 31 dec. 1963	1964
19650081980	In-flight lvdc-lvda equipment failure analysis	1964
19650081991	The effect of high pressure on the conducti- vity of vapors monthly report no. 4, 1-30 jun. 1964	1964
19650081992	Fracture toughness and tear tests, exhibit 'c' quarterly progress report no. 2, 1 oct. - 31 dec. 1963	1964
19650081993	An altitude military qualification test of the j85-ge-13 turbojet engine	1964
19650082001	Project mac progress report	1964
19650082570	Biomedical research in the republic of austria. i - vienna	1964
19650082600	Cocode auto correlation radar preliminary studies	1964
19650082613	A study of some rocket nozzle materials in a chemical plasma generator	1964
19650082631	Preliminary thoughts on cx-6 propulsion systems	1964
19650082639	Instrumentation directorate task status report, 1 jul. - 31 dec. 1964	1964
19650082642	Investigation of fluids to replace water in the hydrostatic testing of titan ii propellant tanks facilities	1964
19650082643	Dynamic characteristic tests of ylr 87-aj-5 rocket engine turbopump and associated propulsion equipment	1964
19650082728	Weapon system 107a-2 product engineering program - coated metallic thrust chambers, expandable nozzles, combustion instability scaling concepts, ablative thrust chambers monthly progress report, 1-31 jan. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082768	Nondestructive testing of soldered joints and electronic circuit board components progress report	1964
19650082802	Propulsion system, secondary, liquid propellant, bac model 8250 engineering analysis report	1964
19650082813	Performance characteristics of barrier-layer anodic coatings	1964
19650082881	A study of the system scientist. phase i report - definition of the system scientist	1964
19650082885	Aviation and cosmonautics	1964
19650082937	Investigation of new inorganic oxidizers final technical summary report, 1 feb. 1959 - 20 dec. 1963	1964
19660001950	Flight Performance Reserve for Atlas/Centaur Missions	1964
19660003620	Theoretical-experimental study of the response of ionization chambers exposed to pulsed gamma radiation	1964
19660003803	Investigation of explosions in irradiated liquid-nitrogen dewars	1964
19660004109	Perturbation, sighting and trajectory analysis for periodic comets - 1965-1975	1964
19660005977	Conceptual design studies of an advanced Mariner spacecraft. Volume II - Systems analysis	1964
19660006035	A multi-channel digital program generator for simulating charged particle penetration of counter telescopes	1964
19660006047	Mariner Mars orbiter study Final presentation	1964
19660006135	Search for Optical Activity in the Orgueil Meteorite	1964
19660006187	Surveyor lunar roving vehicle, phase I. Volume II - Appendixes. Section II - Electronic subsystems Final report	1964
19660006192	Surveyor lunar roving vehicle, phase I. Volume II - Appendixes. Section IV - Reliability Final report	1964
19660006193	Surveyor lunar roving vehicle, phase I. Volume II - Appendixes. Section V - Additional information on RTE Final report	1964
19660007278	Quality Requirements for Hand Soldering of Electrical Connections	1964
19660008076	An analysis and correlation of aircraft wave drag	1964
19660009182	Centaur guidance analysis general techniques	1964
19660010423	Surveyor lunar roving vehicle, phase I. Volume II - Appendixes, section I - Concept evaluation and analysis Final report	1964
19660010424	Surveyor lunar roving vehicle, phase I. Volume II - Appendixes, section III - Mechanical subsystems Final report	1964
19660013085	Radio control of rockets	1964
19660014186	Significant achievements in planetology, 1958 - 1964	1964
19660014241	Subsystem requirements for an airborne laboratory to study zero-zero landing systems	1964
19660017896	Physics of meteors	1964
19660017899	The magnetic field structure and its variations in the solar flare region	1964
19660017900	Method of computing three dimensional flows past bodies after shockwave passage	1964
19660017901	In quest of signs of civilization in other worlds	1964
19660017902	Radio emissions and the nature of the moon	1964
19660017909	On the radio and X-ray emission of solar flares	1964
19660017910	On electronics with energies greater than 1600 keV in the earth's radiation belts	1964
19660017927	Japanese rocket observations and equipment	1964
19660019481	Astronaut Training	1964
19660020039	Features of contact heat transfer in reactor fuel elements	1964
19660020048	Automatic analog computer control by means of punched cards - "Cressida I"	1964
19660020051	Methods for achieving TV signal delay using ultrasonic waves	1964
19660020055	Physics of cosmic rays	1964
19660020071	Comparison of radiosensitivity in various strains of Drosophila melanogaster	1964
19660020072	Charge-transfer states in organic systems	1964
19660020073	The cosmic system "electron". New achievements of Soviet science in mastering the cosmos	1964
19660020108	Planetary spectra	1964
19660020110	Transient currents in plastic insulators and the effects of gamma-ray irradiation	1964
19660020116	The determination of free vibrations of longitudinally-stiffened thin-walled, circular cylindrical shells	1964
19660020117	Precision measurement of lunar and solar radio emission in the 4-millimeter band	1964
19660020138	Optical location of the moon	1964
19660020139	A new highly luminous mass spectrometer for measuring the composition of the upper atmosphere Technical note no. t 8/61	1964
19660020149	Detonation waves in gases	1964
19660020150	State of the art and certain new developments in the molecular beam method	1964
19660023657	Active thermal control of the micrometeoroid capsule electronics	1964
19660023658	Capillary screen pump in a forced convection system	1964
19660023659	The use of radiation shields for thermal control of vehicles on the lunar surface	1964
19660023660	Discussion of the Oklahoma State University active temperature control system	1964
19660023661	Controllable alpha/epsilon ratio surfaces for temperature regulation of spacecraft	1964
19660023662	Phase change in polymeric systems for active thermal control	1964
19660023663	Research on active temperature control at Goddard Space Flight Center	1964
19660023664	Temperature control louvers for the Mariner Venus and Mariner Mars spacecrafts	1964
19660023886	The X-irradiation of Hydrazine and 1, 1-dimethylhydrazine	1964
19660026297	Environmental Testing of Satellite-borne Instruments. Space Radio Patrol	1964
19660026302	Lissajous mass spectrometer - Developmental research	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660026303	A study of different designs of cold electron sources capable of mass spectrometric applications	1964
19660026306	Astrogeologic Studies. Part D - Studies for Space Flight Program, Aug. 25, 1962 - Jul. 1, 1963	1964
19660026307	A photometric technique for measurement of lunar slopes	1964
19660026308	A lunar isotonal map	1964
19660026309	Lunar infrared emission study	1964
19660026310	Density of Small Craters on the Lunar Surface	1964
19660026311	Change of Effective Target Strength with Increasing Size of Hypervelocity Impact Craters	1964
19660026312	Photogrammetric mapping of experimental craters	1964
19660026313	Photographic and photoelectric investigations of the earth-moon libration regions L4 and L5 from Mt. Chacaltaya, Bolivia	1964
19660026314	Semi-micro X-ray fluorescence analysis of tektites using 50 milligram samples	1964
19660026315	Computer analysis of areal microphotometer data from lunar photographs	1964
19660027518	Summary of satellite observations of emissions	1964
19660028517	Results of Contract NAS8-5207 "Thermal Contact Conductance in a Vacuum" and Related Parameter Study	1964
19660030427	Booster attitude stabilization network synthesis Summary report no. 2	1964
19660031311	Measurement of Low-Energy Primary Cosmic-Ray Protons on IMP-1 Satellite.	1964
19660066346	Application of time-resolved interferometry to shock-tube performance studies	1964
19660066415	Summary of the Eighth Refractory Composites Working Group Meeting	1964
19660066416	Refractory composite materials development	1964
19660066417	Investigation of whisker-reinforced metallic composites	1964
19660066418	Refractory composite and coating work conducted at IIT Research Institute	1964
19660066419	Narmco activities in the field of refractory composites joining	1964
19660066420	Mechanical property studies of carbides and oxides	1964
19660066421	Refractory coatings by plasma spraying for aerospace applications	1964
19660066422	Activities in the high temperature, inorganic refractory coatings field	1964
19660066423	Plasma-arc sprayed thrust chamber development and testing	1964
19660066424	Deleted record	1964
19660066425	Study of stabilized methylacetylene-propadiene as a fuel gas for the ROKIDE process	1964
19660066426	Progress report on plasma sprayed refractory materials	1964
19660066427	Recent developments at AVCO RAD in the refractory composites field	1964
19660066428	Recent progress in plasma arc spraying and environmental simulation at Giannini Scientific Corporation	1964
19660066429	Some observations of short time corrosion of refractory metals in lithium between 2000 and 3000 deg F	1964
19660066430	Powder compaction by high velocity impact	1964
19660066431	Developments in thermal-structural composites at General Dynamics/Fort Worth	1964
19660066432	The effect of w-3 oxidation resistance coating on the mechanical properties of notched and unnotched TZM effect	1964
19660066433	Development of graphite-base refractory composites with oxidation resistance at very high temperatures	1964
19660066434	High thermal expansion isotropic graphite for use as refractory metal carbides coating substrates	1964
19660066436	Medical education for national defense symposium on biomedical monitoring	1964
19660066437	Biomedical monitoring in simulated aerospace environments	1964
19660066438	Inflight studies of EEG and other biological data using telemetry or on person recording	1964
19660066439	The telemetered electrocardiogram	1964
19660066440	Response patterns in biomedical monitoring	1964
19660066441	Psychomotor monitoring for general efficiency	1964
19660066442	Automation and telemetry in patient care /medical automation/	1964
19660066443	Parotid fluid as a source of biomedical information	1964
19660066444	Multiple stress testing	1964
19660066446	Measurement techniques and applications	1964
19660066447	Swept band transfer function measurements	1964
19660066448	Frequency measurement of noise	1964
19660066449	Techniques of radio frequency interference measurement	1964
19660066450	Check out and calibration of FM/FM subcarrier systems	1964
19660066451	Problems in microwave measurements	1964
19660066452	The measurement of energy on a spectral basis	1964
19660066453	Infrared measurements	1964
19660066454	Standards- The needs and history of development	1964
19660066455	Practical aspects of accurate A-C voltage and current measurements	1964
19660066456	Measurement of voltage ratios	1964
19660066457	Voltage standards	1964
19660066458	Electrical measurements in thermometry	1964
19660066459	High voltage measurements	1964
19660066460	Reliability	1964
19660066461	Calibration facilities available at the missile command	1964
19660066462	Field support by transfer terms	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660066463	Description of the Electronic Standards Laboratory	1964
19660066464	History and organization of the Army Missile Support Command Microwave Standards Laboratory	1964
19660066465	Review of Physical Standards Laboratory	1964
19660066466	Standards Engineering and Evaluation Lab	1964
19660066543	Fluidized-bed coating with organic and inorganic materials	1964
19660066626	An experimental investigation of simple symmetric and unsymmetric supersonic right wing configurations utilizing beneficial interference effects	1964
19660066665	Research in radar radio-frequency electronic counter-countermeasures techniques /U/ First quarterly progress report, 1 Jul. - 27 Sep. 1964	1964
19660066705	Acoustic characteristics of a noise attenuating helmet Status report, 15 Aug.- 15 Sep. 1964	1964
19660066747	Optical radar techniques Interim engineering report, 1 Feb. - 30 Apr. 1964	1964
19660066748	Optical radar techniques Interim engineering report, 1 May - 31 Jul. 1964	1964
19660066749	Optical radar techniques Interim engineering report, 1 Aug. - 31 Oct. 1964	1964
19660066773	Assessment of silicon power diodes for application in aircraft	1964
19660066776	Automated digital computer program for determining responses of electronic circuits to transient nuclear radiation Quarterly progress report no. I	1964
19660066778	Analysis and evaluation of internal power systems- Flow-in turbine and reaction nozzles	1964
19660066815	Summary of the Eighth Refractory Composites Working Group Meeting, Volume I	1964
19660066816	Progress in the field of high temperature protection	1964
19660066817	Refractory alloy coatings evaluation programs at the University of Dayton Research Institute	1964
19660066818	The problem of accurately measuring changing temperatures of non-metallic surfaces	1964
19660066819	Activities of Chromalloy Division in coatings for refractory metals	1964
19660066820	Coating progress at Chromizing Corporation	1964
19660066821	Recent high temperature coating development effort at LTV - Vought Aeronautics	1964
19660066822	Techniques for testing coated refractory metals at high temperature and low pressure	1964
19660066823	Research in protective coatings for refractory metals	1964
19660066824	Reduced pressure oxidation testing of protective coatings for refractory metals	1964
19660066825	Research and development on refractory inorganic composites	1964
19660066826	Refractory composite research and developments at the Boeing Company	1964
19660066827	Activities of Bell Aerosystems Company with refractory materials	1964
19660066828	Refractory composite materials investigations	1964
19660066840	Summary of the Eighth Refractory Composites Working Group Meeting, Volume II	1964
19660066841	Some corrosion considerations of nozzle structural materials for high energy solid rocket propellants	1964
19660066842	Development of oxidation resistant coatings for refractory metals	1964
19660066843	Protective coatings for tungsten at high temperatures	1964
19660066844	Electrophoretic coatings for refractory metal structural fasteners	1964
19660066845	An exploratory study of degradation and failure in coated refractory metal systems during simulated orbital re-entry	1964
19660066846	Selected activities of the Douglas Aircraft Company in the development of refractory composites	1964
19660066847	Overlay concept applied to protective coatings	1964
19660066848	Observations on the thermal shock resistance of TiC-C alloys	1964
19660066849	Fabrication of tungsten thermionic emitter surfaces by chemical vapor deposition	1964
19660066850	Progress report on chromium composite materials	1964
19660066851	Development and evaluation of metal-reinforced ceramic systems for radiation-cooled vehicles	1964
19660066852	Gas-plated, fibrous composites	1964
19660066853	Development and evaluation of non-metallic refractory composites	1964
19660066854	Progress in the investigation of gold and platinum containing alumina dispersion	1964
19660066855	A preliminary study of the solid-state bonding of thoria dispersion strengthened nickel	1964
19660066856	Direct observation of dislocations in sapphire	1964
19660066857	Oxidation of pyrolytic graphite	1964
19660066858	Research on refractory composites conducted during 1963 at the Martin Company Baltimore Division	1964
19660066861	Interaction of fluorescent ions	1964
19660066897	Electron paramagnetic resonance. Part I - Theoretical bases. Apparatus	1964
19660066990	Minutes of the sixth Explosives Safety Seminar on High-Energy Solid Propellants	1964
19660066991	An accident in the pneumatic conveying of a missile propellant	1964
19660066992	The program of the Armed Services Explosives Safety Board	1964
19660066993	The impact of explosive equivalents on launch site operations planning	1964
19660066994	A criterion for predicting impact initiation of explosive systems	1964
19660066995	Pneumatic conveying and remote packaging of base-grain casting powder	1964
19660066996	Pneumatic mix process	1964
19660066997	Gap test calibration - A critical review	1964
19660066998	Hazard classification testing of solid propellants	1964
19660066999	Titan III solid motor impact test	1964
19660067000	Safety criteria in the design of a cone- vertical propellant mixer	1964
19660067001	Film - Operational shields testing	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067002	A study in decomposition	1964
19660067003	Planning and siting for the manufacture of large space boosters	1964
19660067004	Aerojet damage control systems	1964
19660067005	Rocket motor case reclamation	1964
19660067006	Static hazards associated with propellants	1964
19660067007	Safe handling of imine chemical compounds	1964
19660067008	Development of safety containers and their evaluation	1964
19660067009	Hazards of slurries at handling velocities	1964
19660067011	Band structure of compound semi-conductors Progress report	1964
19660067031	Mathematical and engineering prediction of equipment service life	1964
19660067032	Metastable phases in alloys of titanium and transitional elements	1964
19660067083	System test objectives for Mariner Mars - 1964 Project flights	1964
19660067094	HOPIDART High Altitude Wind Measuring System Final Report	1964
19660067097	Advanced Technological Satellite Quarterly Progress Report No. 1, 13 May - 14 Aug. 1964	1964
19660067108	Research program to obtain comprehensive design criteria for grade CFW graphite Quarterly progress report, Sep. 1 - Nov. 30, 1964	1964
19660067110	Category II low temperature evaluation of an F-4C aircraft in the Arctic	1964
19660067111	Airborne cavalry Selected chapters	1964
19660067115	Applied research program Sixth semiannual research summary, Jan. - Jun. 1964	1964
19660067116	Aerodynamic characteristics of delta type wings with curved leading edges at subsonic speeds	1964
19660067125	Control-display study for orbital rendezvous. Volume III - Simulator evaluation of terminal phase Final report, Jan. 1962 - Mar. 1964	1964
19660067127	Observation of Thomson and co-operative scattering of ruby laser light by a plasma	1964
19660067137	Development of precision drop glider Interim report	1964
19660067139	Mobile Drydock Launch System Volume I - Saturn V Launch System Final report	1964
19660067146	Manual attitude control systems. Volume IV - System interaction effects	1964
19660067155	Operational work flow study, Nimbus technical control center	1964
19660067161	Nimbus Backup Gridding - AVCS and HRIR TECHNICAL Report No. 1	1964
19660067168	Study of mission requirements of lifting systems Program study outline	1964
19660067201	Expected ecological effects from the use of liquid fluorine at Launch Complexes 36A, 36B, and 13	1964
19660067202	Liquid oxygen and fuel prevalves for NASA SATURN Program Progress report no. 24, 1-31 Jun. 1964	1964
19660067203	Nimbus MRIR project status summary Letter progress report no. 46, 15 Jul. - 15 Aug. 1964	1964
19660067204	Nimbus launch site operational console. Technical manual - operation, service, and repair	1964
19660067208	In-flight liquid hydrogen density measurement program First progress report, period ending Jun. 30, 1964	1964
19660067209	In-flight liquid hydrogen density measurement program Second progress report, period ending Sep. 30, 1964	1964
19660067210	Liquid propellant blast hazards	1964
19660067213	Technology utilization review and analysis, Volume II Final report	1964
19660067238	The University of Illinois radio telescope Progress report, 1 Jan. - 31 Mar. 1964	1964
19660067257	Synthesis and analysis of an all-mechanical reaction flight control system for reentry of piloted lifting vehicles	1964
19660067262	Rotational energy levels of asymmetric top molecules table of reduced energies. Part V - For J equals 14 to 16	1964
19660067292	Project Gemini instrumentation signal conditioning system dc differential amplifier 52-88226-7	1964
19660067301	An AC/AC light amplifier panel Manual report, Apr. 1964 - Mar. 1965	1964
19660067489	1964 USAF accident bulletin /U/	1964
19660067492	Costing, mission analyses, scientific objectives, reliability studies, and trajectory determination for exploration of the solar system First annual summary report	1964
19660067494	Parahydrogen, supplemental tables	1964
19660067538	The influence of random trajectory errors on rendezvous	1964
19660067599	Wide band correlation radar study /U/ Third quarterly progress report, 1 Sep. - 31 Dec. 1964	1964
19660067607	Maneuverable reentry vehicle for space ferry missions /U/ Engineering study	1964
19660067614	Static Force and Pressure Tests, Series IV APOLLO LEV Jet-effects Model, FSJ-1 /LRC 16-foot Transonic Wind Tunnel/, Volume II /U/ Data Report	1964
19660067615	Static force and pressure tests, series IV, APOLLO LEV jet-effects model, FSJ-1 /LRC 16-foot transonic wind tunnel, volume III /U/ Data report	1964
19660067631	A theory of cone blunting by sublimation or oxidation. Task 4.2 - High-performance tip materials --REST program /U/	1964
19660067653	Satellite-to-satellite communication systems feasibility studies. Volume II - Bandwith requirements /U/	1964
19660067658	Review of materials and fabrication problems for intermediate platform and second-stage piston tube /U/	1964
19660067691	Night photography using photoflash cartridges XM-161 and M-112 and electronic flasher system LS-59	1964
19660067727	A study of the eclipsing binary system u Herculis using computer techniques	1964
19660067728	An experimental investigation of a two- dimensional corner-expansion thrust vectoring nozzle	1964
19660067742	A congeries of absorption cross sections for wavelengths less than 3000 angstrom- II	1964
19660067743	Project Gemini TRS and buffer amplifier simulator, 52-04068-1	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067756	Physical and mechanical properties of pressure vessel materials for application in a cryogenic environment Final report, May 1963 - Nov. 1964	1964
19660067761	Diffraction of an electromagnetic wave incident at an arbitrary angle on a flat metal grating	1964
19660067828	Research on the concept of blunt trailing edge blades. Part I - High speed range	1964
19660067831	Review of recent developments, molybdenum and molybdenum-base alloys	1964
19660067832	Pre-test information for the measurement of control surface instabilities on advanced orbital and superorbital lifting body configurations	1964
19660067835	LV-2A /DSV-2C/ minimum solid motor drop time study	1964
19660067868	Engineering evaluation of Bendix Corporation 60 KVA brushless generating system installed in the P-3 airplane Final report	1964
19660067915	EMR 300-series printed-circuit cards /Gemini/, instruction manual	1964
19660068057	Polybenzimidazoles and other aromatic heterocyclic polymers for high temperature resistant structural laminates and adhesives. Volume I - Polybenzimidazoles Technical report, 1 Nov. 1963 - 31 Oct. 1964	1964
19660068062	Applications of the predictor displays to the control of space vehicles	1964
19660068088	Covered-electrode coating formulation study	1964
19660068179	Detection of Extraterrestrial Microorganisms by Microcalorimetry Final Report	1964
19660068188	Saturn S-II stage reliability prediction report	1964
19660068204	An experimental technique for measuring antenna characteristics in the presence of a plasma slab	1964
19660068212	Linear algebra and the fundamentals quantum theory Scientific report no. 20	1964
19660068222	Radiation effects on microwave devices Report no. 4 /final/, 15 May 1963 - 15 Jul. 1964	1964
19660068230	Validation of a method for predicting human reliability	1964
19660068281	Calibration of vibration transducers	1964
19660068287	Microwave spectroscopy of high energy gaseous reacting systems	1964
19660068289	Low frequency airborne antenna system Monthly progress report	1964
19660068290	The general input converter	1964
19660068297	Manuscript of catalogue. Volume II - Mixer interference characteristics. Electronic equipment interference characteristics- communication type	1964
19660068314	Research and development at General Dynamics, Pomona Division, 1964	1964
19660068326	Panel flutter analyses and experiments in the Mach number range of 5.0 to 10.0	1964
19660068339	Thrust Vector Control Systems for Boost Vehicles /U/	1964
19660068350	Evaluation of HG3 Study Liquid Rocket Engines in the Second Stage of the Reusable Orbital Transport /U/	1964
19660068353	The Analysis and Design of a High-temperature Thermoelectric Conversion Device /U/ Quarterly Progress Report No. 1, Feb. 24 - May 31, 1964	1964
19660068369	Microwave spectroscopy of high energy reacting systems	1964
19660068375	UV laser research	1964
19660068381	Calculation of reentry vehicle wake cross section	1964
19660068390	Panacea programmer's guide	1964
19660068454	J-2 Program /U/ Monthly Progress Report, Period Ending 30 Nov. 1964	1964
19660068477	Electronics circuit research. An RC active notch rejection filter	1964
19660068480	The Boeing-designed liquid metal loop - An advanced power systems research tool	1964
19660068511	Field test experiment ionospheric sounders for DCA /CURTS/ Interim report, 1 May - 15 Dec. 1964	1964
19660068565	A frequency-division multiplex reproduce system	1964
19660068577	Energy transfer in solid laser materials Technical summary report no. 2, 1 Aug. - 31 Oct. 1964	1964
19660068587	High temperature, high emittance intermetallic coatings. Part III - Emittance and reflectance of intermetallic coatings Technical documentary report, Jun. 1963 - May 1964	1964
19660068591	Orbital debris reentry hazards study Interim Technical Report	1964
19660068594	An analysis of pilot reliability for manned space flight	1964
19660068607	Gemini spacecraft crew station system specification	1964
19660068612	A study for the development of procedures for isolation of chemoautotrophic and related microorganisms and the characterization of such microorganisms or agents from corroded metals Quarterly progress report no. 1, 25 May - 24 Aug. 1964	1964
19660068642	Multifunctional auxiliary propulsion module study program /U/ Monthly progress report no. 1, Jan. 1964	1964
19660068650	Ten-passenger Reusable Orbital Carrier, Phase II /U/ Final Report	1964
19660068657	Effect of Ablation Material and Nose Bluntness on Observables from a Slender Cone in a Free-flight Range /U/	1964
19660068658	High energy propellant evaluation /U/ Quarterly technical summary report no. 5, 1 Apr. - 30 Jun. 1964	1964
19660068663	Multifunctional, auxiliary propulsion module study program /U/ Monthly progress report, no. 8, 1 - 31 Aug. 1964	1964
19660068732	Components irradiation test no. 2 - Transistors, diodes, quartz crystals, and 2500 volt power supply	1964
19660068734	Gemini launch vehicle program Monthly progress report no. 23, 1-29 Feb. 1964	1964
19660068738	Reusable-earth orbital-systems Briefing	1964
19660068749	A FORAST program for stereocomparator grid calibration and comparator calibration	1964
19660068771	Calculated values of admittance for annular slot antenna	1964
19660068835	A study of the hydrothermal synthesis of chrysotile asbestos	1964
19660068884	Pentafluorophenyl alkyl and vinyl ethers	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068914	Polarization and physical properties of radio sources	1964
19660068932	Ice engineering research - Ice thickness measuring device for water-borne ice	1964
19660068934	Fourth Annual Bio-environmental Engineering Symposium. Water and air pollution control	1964
19660068954	Effect of surface properties on planet- reflected sunlight	1964
19660068966	Study of a manned Mars excursion module Summary report	1964
19660068970	Washington Conference Proceedings - A review of broadband seismographs to include digital seismographs	1964
19660068971	A lunar long-period seismometer and a laser- transducer seismometer	1964
19660068972	Dynamic range of broadband seismographs	1964
19660068973	Methods of digitizing earth motion	1964
19660068988	Basic approaches to microelectronics	1964
19660068995	Proceedings of the USAF-SwRI aerospace bearing conference	1964
19660068996	On the mechanism of metal adhesion	1964
19660068997	Evaporation of organic compounds from metal surfaces at high vacuum	1964
19660068998	The role of atmospheric components in friction, wear, and boundary lubrication	1964
19660068999	Air Force Materials Laboratory solid film lubrication research	1964
19660069000	Studies of lubricating materials in vacuum	1964
19660069001	MLF-5, an inorganic solid lubricant film	1964
19660069002	The development and testing of a new ceramic- bonded dry-film lubricant	1964
19660069003	Investigation of air frame bearing materials for aerospace vehicles	1964
19660069004	Bearing lubricant materials for aerospace applications	1964
19660069005	Long-duration lubrication studies in simulated space vacuum	1964
19660069006	Investigation of complex bearing and/or lubrication systems for high speed, high- temperature operation	1964
19660069007	Self-aligning bearing mountings	1964
19660069008	Ball-bearing performance and surface energy theory	1964
19660069009	Novel instrumentation for ball bearing studies intended for aerospace applications	1964
19660069010	A survey of gas-lubricated bearing technology and a review of recent work on foil bearings	1964
19660069011	Design and performance of gas pressurized spherical space simulator bearings	1964
19660069012	Magnetic bearing systems - A comparison of various approaches	1964
19660069013	Investigation of unconventional bearings	1964
19660069030	Monthly project progress report month ending 15 October 1964 including tentative schedule of operation for the test facilities /U/	1964
19660069031	Castor II rocket motor /U/ Status letter, 9 Jul. - 8 Aug. 1964	1964
19660069057	Conversion of sulphonylated carbohydrates to deoxy compounds Quarterly /annual/ report, Jul. - Sep. 1964	1964
19660069071	Automatic dynamic disturbance servo evaluator Summary report	1964
19660069072	NASA Scout S-122 final flight report	1964
19660069075	Automatic dynamic disturbance servo evaluator, volume I Summary report, 27 Aug. 1963 - 24 Mar. 1964	1964
19660069100	Microwave radiometer sensor study /U/ Quarterly report no. 3, 15 Jul. - 14 Oct. 1964	1964
19660069122	Electromagnetic induction in a two-layer earth	1964
19660069144	Project Gemini Program Progress Report /U/	1964
19660069159	M-1 Engine /U/	1964
19660069161	The M-1 Rocket Engine /U/	1964
19660069162	A study to procure high performance space propellant ingredient II /H3D/ /U/ Final Report	1964
19660069163	Familiarization and safety manual, Gemini manned simulated altitude tests	1964
19660069178	Computer program for performance of thermally radiating surfaces on the moon	1964
19660069188	Effects of vehicle electrification on Apollo electro-explosive devices Final report	1964
19660069193	Saturn computer Final report, Jan. 1962 - Apr. 1964	1964
19660069195	Control flight test simulator preliminary design phase, volume I Final report	1964
19660069196	Control flight test simulator preliminary design phase, volume II Final report	1964
19660069197	Agema application to space missions	1964
19660069198	The measure of the turbulence in a Mirage III at low altitude	1964
19660069202	Interfacial interaction in composite structures Quarterly progress report, 12 May - 12 Aug. 1964	1964
19660069216	Study of channeling of air blast waves Final report	1964
19660069219	Air breakdown in high power laser beams	1964
19660069234	Cross sectional schematic drawings, Environmental Control System /ECS/, MCDONNELL Project Gemini	1964
19660069237	Gemini Agena Target vehicle familiarization handbook	1964
19660069282	Thickness-twist vibrations of an infinite, monoclinic, crystal plate Interim technical report no. 1	1964
19660069300	Proceedings of the Seventh National Conference on Tube Techniques, volume I	1964
19660069301	Proceedings of the Seventh National Conference on Tube Techniques, volume II	1964
19660069329	The role of hydrogen and the control of hydrogen-caused difficulties in weld deposits with a minimum yield strength of 140 ksi	1964
19660069340	Gemini support plans	1964
19660069372	Reliability plan for the F-1 propulsion system	1964
19660069376	Fuel cell power systems for Molab	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069400	Satellite rendezvous study	1964
19660069408	Launch and checkout computer program configuration and control plan	1964
19660069416	Mission support studies Eighth monthly progress report, Aug. 1964	1964
19660069417	Optimum nose shape study - Cone and cone plus cylinder configurations for Saturn V vehicles Final report, Jan. - Nov. 1964	1964
19660069420	A method for predicting peak vehicle responses	1964
19660069421	Mission support studies Fourth monthly progress report, Apr. 1964	1964
19660069422	Thermodynamic design curves for estimating nose fairing skin thicknesses for a Saturn ascent trajectory	1964
19660069434	Apollo Logistics Support System scientific mission support study. Study of sample experiments for engineering design purposes Interim report	1964
19660069476	Physical and colloid chemical research on agents Quarterly progress report, 8 May - 10 Aug. 1964	1964
19660069480	Large amplitude fuel sloshing in a flexible tank Final report	1964
19660069485	An experimental investigation of geysering in vertical tubes	1964
19660069495	Hardware description and error analysis of the attitude control system for the Saturn IB/V vehicle	1964
19660069496	Saturn S-IV Monthly technical progress and quarterly report	1964
19660069505	Effect of variable thermodynamic properties on the nuclear shock tube	1964
19660069507	NASA/USAF liquid propellant blast hazards program Monthly progress report, period ending 30 Nov. 1964	1964
19660069534	Saturn S-IV Monthly technical progress and quarterly report, 1 Jul. - 30 Sep. 1964	1964
19660069548	Minutes of the second meeting of the Interagency Chemical Rocket Propulsion Group, Working Group on Analytical Chemistry	1964
19660069575	Slosh and vortex control subsystem report for Saturn S-II	1964
19660069584	Comparison of 9293 and 9430 Mc/s propagation data taken over long line-of-sight paths	1964
19660069589	NASA-GSFC operations plan 15-64 Air Density Explorer	1964
19660069592	Investigation of the spectral normal emittance of single crystals at high temperatures	1964
19660069744	Trials on a topographical map display made by computing devices of Canada Ltd.	1964
19660069778	Frequency of Hazardous Incidents of Selected Liquid Propellant Vehicles /U/ Special Technical Report No. 15	1964
19660069795	Quantitative determination of the stabilizers in plastisol nitrocellulose propellant by thin layer chromatography /U/	1964
19660069822	The thermal conductivity and heat capacity of three adhesive materials Final report	1964
19660069824	Development of Stress Relief Treatments for High Strength Aluminum Alloys Annual Report No. 1, 13 Aug. 1963 - 13 Aug. 1964	1964
19660069838	Research and development of a high energy non-aqueous battery /U/ Quarterly technical report, Sep. 18 - Dec. 18, 1963	1964
19660069840	Investigation of Mark 10 turbopump failures - summary and recommendations /U/ Final report	1964
19660069845	Investigation of hybrid propellant combustion /U/ Final report, 1 Feb. 1963 - 31 Jan. 1964	1964
19660069854	The air turbo-exchanger engine /U/	1964
19660069859	Solid Propellant Rocket Exhaust Effects /SPREE/ and methods of attenuation, volume I Final report, phase II	1964
19660069865	Generation of modes for loaded vehicle from empty vehicle, DSV-IVB	1964
19660069875	Instrumentation operations analysis for Saturn/Apollo vehicle SA-7	1964
19660069876	Estimation of maximum responses to an atmospheric disturbance	1964
19660069886	The effects of severe impact on bears	1964
19660069889	The effect of servo characteristics on the stability of an aircraft /Avro 707c/ under roll rate demand control	1964
19660069959	Evaluation model of the effectiveness of the countdown-checkout phase of Apollo pre-launch operations	1964
19660069961	A study of the suppression of combustion oscillations with mechanical damping devices Quarterly progress report no. 3, 28 Dec. 1963 - 28 Mar. 1964	1964
19660069981	Extended Apollo systems utilization study. Volume 19 - Earth landing system Final report	1964
19660070006	Cumulative damage and static overloading effects on the fatigue properties of a high strength structural steel. Part II - Cumulative damage tests	1964
19660070008	Airborne automatic target stabilized tracker study. Volume I - Theoretical factors Final technical report	1964
19660070052	Studies - Viewing port study Task report, Mar. 16 - May 15, 1964	1964
19660070053	Apollo Logistics Support Systems MOLAB STUDIES - Navigation System Studies Task Report, Mar. 1 - Jun. 30, 1964	1964
19660070081	Sandwich construction in glass-reinforced plastics. Part 1 - Initial beam tests	1964
19660070082	Heat-transfer and temperature-change phenomena in strain gauges Final report	1964
19660070084	Signal generator model TS-535B/U /Taffet/ Interim report	1964
19660070090	Development of Improved Polymeric Materials for Cryogenic Propellant Tank Liners and Expulsion Bladders, Part I First Quarterly Progress Report, May 1 - Jul. 30, 1964	1964
19660070142	Investigation of SH-3A /HSS-2/ handling qualities after sudden loss of tail rotor thrust	1964
19660070187	Jet VTOL aircraft - Implications for attack carrier forces. Annex D - The influence of ship motion on VTOL carrier operations	1964
19660070208	High performance aircraft windshield development program Interim engineering progress report, 1 Aug. - 31 Dec. 1964	1964
19660070238	Optimal payload trajectories for multistage vehicles	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070252	Analytical expressions for the effect on roll rate of mass and aerodynamic asymmetries for ballistic-type bodies	1964
19660070283	Research investigations of bulkhead cylindrical junctions exposed to combined load, cryogenic temperatures and pressure. Part II - Theoretical stress analysis of a bulkhead cylindrical junction exposed to combined load and pressure	1964
19660070284	Problems in the laboratory qualification of structures and equipment exposed to intense acoustic environments	1964
19660070289	Staging dynamics	1964
19660070368	Reliability plan for the J-2 propulsion system	1964
19660070369	S-II environmental data for S-II stage	1964
19660070371	Research and development of high flow hydraulic filters Second quarterly progress report	1964
19660070391	UCLA space program Quarterly report, for period ending Jul. 31, 1964	1964
19660070440	Reusable orbital transport - Insulation vs ablation thermal protection system for lifting entry vehicles	1964
19660070441	Reusable orbital transport - Reliability apportionment report	1964
19660070442	Reusable orbital transport - Entry maneuvering	1964
19660070444	Reusable orbital transport - Basic mission analysis	1964
19660070445	Reusable orbital transport - Global transport demonstration	1964
19660070446	Reusable orbital transport - Failure analysis - Abort and escape	1964
19660070448	Reusable orbital transport - Landing flare with and without instant L/D fly-back engine study	1964
19660070463	Apollo unified S-band system test, volume I Final report	1964
19660070489	The general and comparative biology of terrestrial organisms under experimental stress conditions Quarterly report no. 4	1964
19660070529	Reusable orbital transport - Integral vs. non-integral tank study	1964
19660070532	Evaluation of Aerojet-General Corporation rocket engines in the second stage of the reusable orbital transport baseline vehicle	1964
19660070533	Reusable orbital transport - Planetary mission support and lunar base logistics mission	1964
19660070535	Apollo unified S-band system test, phase I Volume II - Appendices Final report	1964
19660070544	Reusable orbital transport Subsystems topical report	1964
19660070573	Some developments in field emission cathodes	1964
19660070594	Reusable orbital transport baseline second stage, schedule and cost	1964
19660070604	Reusable orbital transport heat shield and leading edge designs	1964
19660070616	Manufacturing methods for high-frequency resistance welding Final report	1964
19660070646	Report of test experimental OMTS/FMTS MECHANICAL jacks, Sergeant missile system	1964
19660070710	Take-off and landing noise levels of the Trident 1	1964
19660070711	Take-off noise levels of turbojet aircraft at points 1,000 ft. to the side of the runway	1964
19660070736	A survey of electrons beyond 5 RE with Explorer XIV	1964
19660070737	Psychophysiological effects of a monotonous situation under various experimental conditions	1964
19660070759	SA-7 Preliminary Predicted Standard Trajectory /U/	1964
19660070772	Application of large solid rocket motors. /U/ Oral presentation charts	1964
19660070795	Reusable Orbital Transport - Military Mission Analysis /U/	1964
19660070800	Detection and tracking of spaceborne targets /U/ Technical documentary report, 1 Jul. 1963 - 30 Jun. 1964	1964
19660070898	Interferometric measurements on electromagnetically generated shock waves	1964
19660070968	The estimation of noise level from recordings of aircraft noise	1964
19660070969	Design and assessment of a prototype decompression chamber altitude control system	1964
19660071000	Aspects of fatigue pertinent to dynamically similar structural models Literature review	1964
19660071060	Magnetic induction gyroscope research and development Quarterly technical report no. 1, 15 Mar. - 15 Jun. 1964	1964
19660071076	Investigation of Du Pont "NOMEX" high temperature electrical insulating polyamide paper	1964
19660071090	A computing program for the interior ballistics of a hypervelocity gun	1964
19660071128	Investigation of large signal microwave effects in ferroelectric materials Fourth quarterly report, 1 Apr. - 30 Jun. 1964	1964
19660071143	NASA-GSFE operations plan 13-64 - S-55c micrometeoroid satellite	1964
19660071204	Environmental design data for the Saturn S-IC stage vibration, shock and acoustic noise	1964
19660071207	Tetrahedral research satellite II /TRS II/	1964
19660071300	Geology and soils, NASA Launch Complex 39, Merritt Island, Florida Interim report	1964
19660071314	Service test of lightweight aircraft service kit under arctic winter conditions Final report, 12 Nov. 1963 - 6 Mar. 1964	1964
19660071318	Atlas/Centaur launch vehicle study - Launch wind constraints, phase III Final report	1964
19660071319	Manned Mars landing and return mission study - NASA symposium MSFC, Jan. 1964 Summary presentation	1964
19660071322	Geology and soils, NASA Industrial Area, Merritt Island, Florida Interim report	1964
19660071324	M-RL, Manned Orbital Research Laboratory - Baseline System, Future Applications Briefing Manual	1964
19660071348	Shillelagh guided missile subsystem /U/ Interim technical report, Jul. - Sep. 1964	1964
19660071351	Application of doped germanium detectors to detection of spaceborne targets /U/	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071356	Analysis of Project Beebee test of 21 March 1963 /U/	1964
19660071374	Feasibility study of shaft input, analog to digital encoders, phase I Final engineering report	1964
19660071416	Preliminary autopilot design for an acceleration vector controlled missile /U/	1964
19660071466	Reusable Orbital Transport - Definition of the Second Stage of the Baseline Vehicle	1964
19660071478	Manned Space Station Power Systems Capability - Requirements Study Preliminary Report of Ad Hoc Committee on the Nuclear Space Program	1964
19660071481	Research and Development Reports on the Centaur Program for 3rd Quarter 1964 Bibliography	1964
19660071484	Centaur AC-5 - Guidance program checkout	1964
19660071546	Advanced micrometeoroid detector analyzer, phase II report	1964
19660071563	A chemical hazards potential study Final report	1964
19660071587	Automatic alternate routing study First quarterly progress report, 1 Jul. - 30 Sep. 1964	1964
19660071639	Reusable orbital transport - Supporting report no. R.O.T. I-1. Baseline vehicle, first-stage definition	1964
19660071642	Design of bonded sandwich intertank structure for Saturn V vehicle Quarterly report no. 3, 1 Sep. - 30 Nov. 1964	1964
19660071805	Data analysis techniques A report to the AEC-NASA Space Propulsion Office	1964
19660071814	Comparative accumulation of injury from X-, gamma, and neutron irradiation. The position of theory and experiment	1964
19660071857	Preliminary design of a Mars-Mission Earth Reentry Module Final presentation	1964
19660071912	Ejectors and mixing of streams	1964
19660072012	Report on the behavior of ceramic materials in the near infrared region at high temperatures	1964
19660072013	The helicopter "Super Frelon". The Resolute	1964
19660072014	Utilization of organic materials for molecular electronics Interim engineering report, Jun. 1 - Aug. 31, 1964	1964
19660072025	Mission support studies Fifth monthly progress report, May 1964	1964
19660072035	Evaluation and test of 500 amp electrochemical machining facility	1964
19660072065	CH-53A helicopter demonstration data report	1964
19660072112	Development of HY-130/150 covered-electrode weld metals, part II	1964
19660072131	Pibol /Pilot-in-the-booster-loop/ study	1964
19660072155	Systems study for lunar reconnaissance probe Condensed summary report	1964
19660072158	J-2 Program (U) Monthly Progress Report, Period Ending 29 Feb. 1964	1964
19660072162	J-2 program /U/ Monthly progress report, period ending 31 Mar. 1964	1964
19660072164	J-2 Program (U) Monthly Progress Report, Period Ending 30 Sep. 1964	1964
19660072167	M-1 engine, secondary injection thrust vector control /TVC/ study. Volume 2 /U/ Final report	1964
19660072173	J-2 Program (U) Monthly Progress Report, Period Ending 31 Jan. 1964	1964
19660072222	Development of C-band ferrite duplexer Fourth quarterly progress report, 1 Aug. - 31 Oct. 1964	1964
19660072252	Effects of interference on the performance of I.L.S. localiser receivers	1964
19660072344	The Voigt function - An eight-significant- figure table and generating procedure	1964
19660072412	A capacitive strain sensor Final report	1964
19660072413	Comparison of a classical climb path with paths optimized for minimum time and minimum fuel	1964
19660072450	Research on thin film tunnel cathodes, recombination cathodes, and similar cold cathodes First quarterly progress report, 15 Mar. - 14 Jun. 1964	1964
19660072464	RAT SCAT cross section measurements of the Athena Booster, 4th stage	1964
19660072469	Urine evacuating system for use in full-pressure suits	1964
19660072521	RAT SCAT cross section measurements of the Talos missile	1964
19660072550	Preliminary Minuteman electrostatic charge studies	1964
19660072568	Production acceptance tests of Saturn S-IC HIGH pressure helium storage bottles Test report	1964
19660072585	Applications technology satellite Quarterly progress report no. 2, 1 Sep. - 30 Nov. 1964	1964
19660072591	Saturn S-IC Quarterly progress report, Jan. 1 - Apr. 2, 1964	1964
19660072608	Transient nuclear radiation effects in a hardened servo amplifier and its components	1964
19660072621	Electrical conductance in organic solids Final technical report	1964
19660072643	Study of subsystems required for a Mars mission module. Volume 1 - Condensed summary Final report	1964
19660072692	High-temperature protective re-entry coatings for expandable structures	1964
19660072698	Development of dielectric windows for spacecraft antennas Fourth quarterly report, 1 Jul. - 30 Sep. 1964	1964
19660072699	Biological measurement of man in space Progress report	1964
19660072713	Spacecraft propulsion system for manned Mars and Venus missions Midterm review	1964
19660072723	Applications Technology Satellite Monthly progress report no. 5, 1-31 Dec. 1964	1964
19660072726	Development of the helium heater for the Saturn S-IV oxidizer tank pressurization system	1964
19660072842	Gravity gradient stabilization system for the applications technology satellite Fifth monthly interface report, 1 - 30 Nov. 1964	1964
19660072898	Flight test calibrations of the Douglas 5-probe differential pressure head for measuring angles of attack and sideslip	1964
19660072900	Army formation flight study Interim report, 1 Jul. - 18 Dec. 1964	1964
19660072904	Presentation of phase A design study results for electrochemical timing device, July - December 1963	1964
19660072918	Fabrication techniques for large solid nozzles	1964
19660072920	Applications for solid motors on large launch vehicles	1964
19660072922	The 260-in.-dia filament-wound rocket-motor case program	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072926	A feasibility study report of a hybrid rocket engine development program /U/	1964
19660072940	Development and selection of liners for case-bonded motors	1964
19660072942	High pressure ballistics for solid rocket motors	1964
19660072956	A Study of Acoustical Attenuation in the Vicinity of a 1.5-Million-Pound-Thrust Static Test Site, Sacramento, California	1964
19660072957	Toxicity - Its control and effect on rocket motor testing	1964
19660072958	Theoretical detonability behavior of solid composite propellants	1964
19660073015	Preliminary studies of propagation and coverage factors for synchronous satellite-to-aircraft communication Interim memorandum report	1964
19660073017	Orbits and coverage for synchronous satellite/aircraft communications	1964
19660073035	An appraisal of the details of helicopter rotor loadings and methods for their computation	1964
19660073072	Symmetric PSD methods for a class of nonstationary stochastic processes /U/	1964
19660073073	Gelled high energy oxidizers /U/ Final report, 25 Jan. 1963 - 24 Jan. 1964	1964
19660073074	Research in conventional and unconventional fuels /U/	1964
19660073075	X-band electromagnetic amplifying lens /U/ Fourth technical documentary quarterly report	1964
19660073076	X-band electromagnetic amplifying lens /U/ Third technical documentary quarterly report	1964
19660073077	Investigation and design of an alternate Spur turbogenerator /U/	1964
19660073170	Vibration characteristics of beams and plates mounted on elastic and inertial supports	1964
19660073181	Electron multiplier study	1964
19660073256	Gravity gradient stabilization system for the advanced technological satellite Fourth monthly interface report, 1-31 Oct. 1964	1964
19660073257	Electrochemical conversion coatings on aluminum	1964
19660073275	The behaviour of piezoceramic projector materials under hydrostatic pressure	1964
19660073285	The effect of weld bead configuration on mechanical properties of as-welded 2219-t87	1964
19660073369	Data report on printed circuit board solder peel-pull testing Final report	1964
19660073380	Advanced technological satellite Monthly progress report no. 3, 14 Aug. - 13 Sep. 1964	1964
19660073390	Manned lunar exploration program 1965-1975 /U/	1964
19660073402	The Feasibility of Head-end Steering for a Simplified Manned Space Vehicle (U) Mid-term Briefing	1964
19660073412	Development of ultrahigh strength, low density, aluminum plate composites Progress report no. 14, Aug. 1 - Sep. 1, 1964	1964
19660073421	Evaluation of the guidance error determination computer programs Technical memorandum, Jan. 2 - Jun. 30, 1964	1964
19660073449	Analysis, design, and prototype development of squeeze-film bearings for AB-5 gyro. Phase I - Bearing analysis and preliminary design studies Final report	1964
19660073484	Comparison tests between RAF, RCAF, and USAF models of signal miniflare	1964
19660073523	Instrumented welded tensile specimens, Saturn V/S-1C	1964
19660073531	The effects of collisions on saturation behavior of the 1.15 mu transition of Ne studied with He-Ne laser	1964
19660073532	Manual attitude control systems. Volume III - Angular acceleration characteristics for optimum control, 1 February - 15 April 1964	1964
19660073539	Development and evaluation of C-129Y /CB-10W-10HF-0.1Y/ columbium alloy	1964
19660073588	Projectile penetration studies /U/ Final report, 1 Jan. - 1 Aug. 1964	1964
19660073600	Summary of Air Force programs in solid rocketry /U/	1964
19660073606	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. Part II - Technical information. Volume 11 - Guidance and mission control-flyaway. Supplement I - Inertial system post- irradiation analysis /U/	1964
19660073654	RAT SCAT cross section measurements of the Polaris vehicle /U/	1964
19660073842	Radar symbology - A literature review	1964
19660073871	Research on energy absorbing structures, Part II Final technical status report	1964
19660073882	Design of photomultiplier tube base with high gain and clean output signals for tubes viewing organic scintillator light pulses	1964
19660073940	Propellant utilization system feasibility study for the S-IC stage	1964
19660073967	Turbofan-ramjet engine studies. Volume I - Specifications and performance Final report	1964
19660073968	Turbofan-ramjet engine studies Volume II - Computation program - Data Final report	1964
19660073969	Turbofan-ramjet engine studies. Volume III - Calculated results Final report	1964
19660073970	Turbofan-ramjet engine studies. Volume IV - Inlet flow studies Final report	1964
19660073971	Turbofan-ramjet engine studies. Volume V - Flow mixer studies Final report	1964
19660073972	Turbofan-ramjet engine studies. Volume VI - Exit flow interaction studies Final report	1964
19660073993	Telemetry On-line Monitoring, Compression, And Transmission system for the manned space flight network /TOMCAT/. Volume 2 - TOMCAT installation test programs	1964
19660074146	Behavior of piezoelectric ceramics under various environmental and operation conditions of radiating sonar transducers	1964
19660074399	J-2 Program (U) Monthly Progress Report, Period Ending 31 May 1964	1964
19660074400	J-2 Program (U) Monthly Progress Report, Period Ending 30 Apr. 1964	1964
19660074410	Infrared spectra of solid propellant flames from 1.4-mu to 4.8-mu /U/	1964
19660074426	Evaluation of Rocketdyne Engines in the Second Stage of the Reusable Orbital Transport (U)	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074438	J-2 Program (U) Monthly Progress Report, Period Ending 31 Aug. 1964	1964
19660074470	Project Gemini (U) Quarterly Status Report No. 8, Period Ending Feb. 29, 1964	1964
19660074472	Project Gemini (U) Quarterly Status Report No. 9, Period Ending 31 May, 1964	1964
19660074474	National Multi-purpose Space Station Study (U) Mid-term Oral Presentation	1964
19660074512	Reusable Orbital Transport Second Stage Configuration of High L/D Vehicle	1964
19660074550	APL Space and Research Programs /U/ Status Report, Jan. - Mar. 1964	1964
19660074551	Satellite pulse data processor	1964
19660074552	The formation of stars	1964
19660074564	Some mechanical properties of carbitron reinforced solid propellant grain /U/ Final report, 1 Apr. 1963 - 31 Mar. 1964	1964
19660074593	Supporting Research on Hypersonic Propulsion (U) Quarterly Review	1964
19660074683	Designs to control Saturn V vehicle's response due to vortex shedding	1964
19660074712	Differential amplifier evaluation and checkout procedures	1964
19660074721	Measurement of viscoelastic properties of dilute aqueous polyethylene-oxide solutions using acoustic methods	1964
19660074766	Survey of highly parallel information processing technology and systems. Phase I of an implications study Final report	1964
19660074791	On the mathematical approach leading to optimum automatic test techniques Seventh quarterly progress report, 1 Jun. - 31 Aug. 1964	1964
19660074804	Procedure for application of mathematical techniques to fault isolation	1964
19660074805	Power amplification with gate turn-off controlled rectifiers	1964
19660074827	Large rocket, preliminary design development /U/ Tenth monthly report, Sep. 1964	1964
19660074857	Evaluation of some recent developments in liquid rocket propellants /U/ Monthly letter report, Sep. 1964	1964
19660074858	Large rocket, preliminary design development /U/ Monthly technical progress report no. 11, Oct. 1964	1964
19660074866	Supersonic combustion ramjet engine program /U/ Monthly letter progress report, Aug. 1964	1964
19660074957	UCLA space program Quarterly report, period ending Apr. 30, 1964	1964
19660074958	Effects of radiation on NERVA engine materials	1964
19660074961	Chloride stress corrosion susceptibility of high strength stainless steel titanium alloy and superalloy sheet Technical documentary report, 1 Apr. 1962 - 19 Mar. 1964	1964
19660075036	Long range seismic measurements - PAR	1964
19660075082	Differential methods applied to the solution of two-sided allocation problems	1964
19660075135	Atlas FLOX /U/	1964
19660075143	Reusable Orbital Transport Second Stage Configurations of Wing/Body Shape	1964
19660075177	Aerodynamic and loads data from tests of the half-scale Paraglider test vehicle in the Ames wind tunnel, volume I	1964
19660075219	Analysis of unbiased estimators using geometric failure data	1964
19660075248	Compressed gas handbook	1964
19660075249	Design specifications system for detecting, monitoring, displaying, and recording hazardous operation information, volume I Final report	1964
19660075254	Results of sound pressure level measurements during SA-7 launch. Part I - Overall time histories	1964
19660075263	Design specifications system for detecting, monitoring, displaying, and recording hazardous operation information, volume II FINAL report	1964
19660075299	Laminarization of nozzle wall boundary layers as a means of reducing heat flux Monthly progress report, 1 Jul. - 31 Jul. 1964	1964
19660075318	Remote information retrieval and display	1964
19660075349	On the optical reentry characteristics of the Mark-2 /USN/ Polaris reentry vehicle /U/	1964
19660075390	Absolute neutron flux of the AGN-201 reactor	1964
19660075413	The effect of air in damping water borne pressure pulses	1964
19660075457	Pyrographalloy research and development /U/ Final report, 16 Jul. 1962 - 31 May 1964	1964
19660075463	Compilation of papers presented at the Post-Saturn Launch Vehicle Technology Meeting /U/	1964
19660075498	Missile guidance array antenna /U/ Summary report, 24 Jun. 1963 - 15 Sep. 1964	1964
19660075523	Airborne Infrared Radiation Measurement System, volume I Final report	1964
19660075547	Flight Performance of the University of Iowa Experiment on the Mariner III Spacecraft	1964
19660075548	Auditory Masking - a Study of Its Physiological Mechanism and of Correlations Between Physiological and Psychological Observations Progress Report	1964
19660075553	Support concepts and requirements for manned space flight Third quarterly technical progress report	1964
19660075562	Subsystems requirements for a Mars mission module - Summary presentation	1964
19660075621	Research on properties of laser devices Final summary report, 1 Jun. 1959 - 15 Nov. 1964	1964
19660075666	Lunar navigation Quarterly report, 6 Sep. - 6 Dec. 1964	1964
19660075687	Flight Termination Systems for Standard Agena/space Boosters Launched on the Air Force Western Test Range (U)	1964
19660075705	Crossed field high-power wide band noise generator /U/ Interim engineering report, 1 Jul. - 30 Sep. 1964	1964
19660075764	Shuttle valve P/N B75M03977 test report	1964
19660075775	Handbook for the Goddard experiment package	1964
19660075781	Missile-plasma interaction phenomena Final report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075848	Rate gyro study program Final report	1964
19660075868	Telemetry On-line Monitoring, Compression, And Transmission System for the Manned Space Flight Network /TOMCAT/. Volume 3 - Data description and preparation for TOMCAT programs	1964
19660075958	Shear forming and other processing of aluminum, high strength steels and refractory metals - An annotated bibliography	1964
19660076004	Advanced Valve Technology for Spacecraft Engines. Volume II - New Concepts Final Report, Feb. 1963 - Jul. 1964	1964
19660076028	Backscatter literature survey	1964
19660076060	Non-destructive testing techniques used on large cases fabricated from 18 percent nickel maraging steel Quarterly report	1964
19660076069	Nimbus spacecraft modal survey - Vibration test. Volume III - X-axis modal test experimental data Final report	1964
19660076084	A method for correcting for atomic number effects in electron probe microanalysis	1964
19660076189	[No Title]	1964
19660076190	GT 1 post-flight data report for the Mod III computing system /U/	1964
19660076194	[No Title]	1964
19660076232	Report on RVIP Data Workshop for R/V 364 held at Patrick AFB, Florida, 3-5 March 1964 /U/	1964
19660076234	Bendix Nerva Program (U) Summary Report, Nov. 1963 - Feb. 1964	1964
19660076320	Basic chemical research for advanced storable liquid propellant systems, volume II /U/ Final report, Jul. 1 - Sep. 30, 1963	1964
19660076410	Large motor case engineering optimization study - Failure of 40 inch diameter 6500 psi gage test maraging steel missile motor case Interim progress report	1964
19660076436	Thermal radiation in the investigation of cutaneous vasomotor and sudomotor control	1964
19660076465	Preliminary design of a side inlet for a solid-fuel integral rocket-ramjet vehicle	1964
19660076551	Advanced voltage regulator research and development program Final report, 6 Mar. 1963 - 1 Aug. 1964	1964
19660076565	Certification tests of Gemini flight instrumentation	1964
19660076591	Exploratory evaluation of filament-wound composites for tankage of rocket oxidizers and fuels First quarterly progress report, 1 Jun. - 1 Sep. 1964	1964
19660076614	Large solid propellant boosters explosive hazards study program Quarterly report no. 2	1964
19660076625	Grain refinement in metals for welding applications Annotated bibliography	1964
19660076638	A study of polymers containing silicon- nitrogen bonds Quarterly progress report no. 44, Aug. 4 - Nov. 3, 1964	1964
19660076640	UCLA Space Program Third quarterly report, period ending Jan. 31, 1964	1964
19660076641	Development of dielectric windows for spacecraft antennas Fifth quarterly report, 1 Oct. - 31 Dec. 1964	1964
19660076642	Development of improved heat sterilizable potting compounds Summary report, 1 Jul. 1963 - 30 Jun. 1964	1964
19660076643	Development of improved potting and encapsulating compounds for space applications Fourth quarterly report, 1 Jul. - 30 Sep. 1964	1964
19660076652	Study, evaluation and analysis of unified S-band system for Apollo ground network First progress report, 30 Jun. - 30 Sep. 1964	1964
19660076776	Range safety impact probability - Annotated bibliography	1964
19660076903	An interferometer technique for the measurement of the phase centre movement of aircraft aerials with aircraft attitude	1964
19660076908	Tests of two parachutes in a single pack for aerial delivery of loads from 350-700 lb. weight	1964
19660077004	Mobile drydock launch facilities study. Volume II - Titan IIIC launch system Final report	1964
19660077045	OSSA Review (U)	1964
19660077061	Design Studies of a Reusable Orbital Transport, First Stage (U) First Oral Presentation	1964
19660077063	Radiation effects tests of the Bendix model NT-B4 TPCV actuator and system amplifiers in the ground test reactor /U/	1964
19660077085	Photoelectron limited channel focused wafer image intensifier tubes /U/ Final report, 1 Jun. 1962 - 1 Mar. 1964	1964
19660077095	High performance Apollo propulsion system study. Volume I /U/ Final report	1964
19660077096	High performance Apollo propulsion system study. Volume II - Propulsion systems preliminary designs /U/ Final report	1964
19660077097	High performance Apollo propulsion system study. Volume III - Components and reliability /U/ Final report	1964
19660077291	An investigation of the radial distribution of light from an argon discharge	1964
19660077308	Investigation of system components for high chamber pressure engines. Part 2 - Appendixes Final report	1964
19660077418	Studies in night vision Final technical report, Sep. 25, 1963 - Sep. 25, 1964	1964
19660077419	Visual recall ability and eye movements	1964
19660077420	Specific photic flicker responses to color as related to visual imagery ability	1964
19660077421	Results of effects of LSD in habitual "visualizers" and "non-visualizers"	1964
19660077470	A description of the AN/AWG-9 airborne missile control system for PHOENIX /U/	1964
19660077537	A model simulating alternative space program plans. Volume I - Preliminary executive summary report	1964
19660077539	The onset of oscillations in forced flow subcooled boiling	1964
19660077540	Saturn ground computer complex Final technical summary report, Apr. 1963 - Jun. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077541	Synthesis and evaluation of new high temperature polymers for coating applications Quarterly progress report no. 1, 1 Jul. - 30 Sep. 1964	1964
19660077542	Study of energy conversion systems Summary report, 8 May 1963 - 15 Jun. 1964	1964
19660077544	Computer cost model for Saturn launch vehicles	1964
19660077590	Attenuation and emission of the earth's atmosphere between the frequencies of 100 GC AND 160 GC Final report, 1 May 1962 - 31 Dec. 1964	1964
19660077642	Castor II rocket motor /U/ Status letter, 9 Jun. - 8 Jul. 1964	1964
19660077661	Investigation of the noise generation mechanisms of large booster systems Final report	1964
19660077666	Diffraction of blast wave for the oblique case	1964
19660077679	N-decanoic acid as a vapour space inhibitor for steam turbine oils	1964
19660077682	Some observations on the photochemical degradation of cellulose	1964
19660077767	Investigation and development of circuitry for the falling sphere experiment Final scientific report, 15 Jan. 1960 - 14 Jun. 1964	1964
19660077785	Project Gemini - Receiving Inspection Parachutes and Accessories Spacecraft Prelaunch Test Procedure	1964
19660077852	Report on the development of valveless pulse-jets	1964
19660077888	Program system description	1964
19660077906	Thermal analyzer	1964
19660077944	Determination of the coefficient of friction of metals on non-metals at ultra-high vacuum Final report	1964
19660078026	Bulletin of the 6th Liquid Propulsion Symposium, volume 1 /U/	1964
19660078027	An experimental investigation of heat transfer to cooled injector baffles /U/	1964
19660078028	Experimental measurements of local heat transfer in a liquid propellant rocket engine	1964
19660078029	Regenerative cooling characteristics of 50-50 fuel and nitrogen tetroxide at supercritical pressures	1964
19660078030	Effect of pulsed mode on operational life of rocket engines	1964
19660078031	Experimental chemical kinetic effects in ablative composites	1964
19660078032	The formulation of new high energy storable propellants /U/	1964
19660078033	Research on high-energy, storable, liquid bipropellant systems /U/	1964
19660078034	Experimental evaluation of hyaline B3 /U/	1964
19660078035	Injectors and combustion chambers for OF2/B2H6	1964
19660078036	Development of a slurried propellant system /U/	1964
19660078037	Recent advances in the development of the RL10 rocket engine	1964
19660078038	High pressure oxygen-hydrogen rocket engine component testing /U/	1964
19660078039	Polymers for use in fluorine-containing oxidizers	1964
19660078040	Research on a fluorine-hydrogen propulsion system /U/	1964
19660078041	Properties of silica, carbon and graphite fabric materials before and after exposure to high temperature hydrogen fluoride environments /U/	1964
19660078042	Explosive sensitivity of fluorinated liquid oxidizers in contact with certain substances	1964
19660078043	Further applications and testing of the monocompound engine /U/	1964
19660078044	Application of pyrolytic graphite to advanced nozzle concepts /U/	1964
19660078045	Feasibility study of fluid amplification control for exhaust jet deflection /U/	1964
19660078046	Plug cluster nozzles /U/	1964
19660078047	Multi-nozzle rocket shrouding - A means of obtaining thrust augmentation with reduced recirculation /U/	1964
19660078048	Base pressure and heating of a truncated plug rocket exhaust nozzle	1964
19660078049	A dynamic study of the variable annulus injector	1964
19660078050	Liquid propellant blast hazards	1964
19660078051	NASA/USAF Liquid Propellant Hazard Program (PYRO)	1964
19660078052	Water suppression of fire and fumes from spills of hydrazine-UDMH and nitrogen tetroxide	1964
19660078053	Micrometeorology applied to the testing of rocket engines in a high altitude test facility	1964
19660078054	The value and reliability effectiveness of the LR58-RM-4 packaged liquid rocket engine	1964
19660078055	Maximizing reliability within the constraints of budget and schedule	1964
19660078065	Investigations of hydrides and combustion /U/ Quarterly report, 18 May - 18 Aug. 1964	1964
19660078078	Research in conventional and unconventional fuels /U/ Final report, Oct. 1, 1963 - Dec. 31, 1964	1964
19660078114	Classified papers, AIAA meeting /U/	1964
19660078115	Review of the solid-propulsion requirements for low-altitude defense interceptors /U/	1964
19660078116	The XM-85 rocket motor /U/	1964
19660078117	Acrylic plastisol propellants /U/	1964
19660078118	Effects of solid-rocket propellant formulations and exhaust-gas chemistries on the erosion of graphite nozzles /U/	1964
19660078119	Self-cooled rocket nozzles /U/	1964
19660078120	Fuel phase reactions in hybrid combustion /U/	1964
19660078121	[No Title]	1964
19660078122	Investigation of particulate matter produced by solid propellants containing beryllium /U/	1964
19660078123	The effect of ammonium perchlorate on the combustion of aluminum in CMDB PROPELLANTS /U/	1964
19660078124	The study of the mechanism of enhanced burning rate of solid propellants /U/	1964
19660078125	Kinetic considerations in the burning of the metallic elements - A number of particular examples illustrative of an analytical approach /U/	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078126	Bulletin of the 20th Interagency Solid Propulsion meeting, volume III /U/	1964
19660078127	156-inch diameter motor and jet tab TVC PROGRAM /U/	1964
19660078128	Demonstration of the gimbaled nozzle TVC SYSTEM for large solid propellant rocket motors /U/	1964
19660078129	Problems related to obtaining high quality maraging steel	1964
19660078130	Fabrication of 260-inch diameter short length motor case	1964
19660078131	Lay up and in place vulcanization of elastomeric insulation in the solid propellant large booster program /U/	1964
19660078132	The Influence of Future Missions on Solid Rocket Technology /U/	1964
19660078133	Basic combustion processes and internal ballistic relationships in hybrid propulsion /U/	1964
19660078134	Combustion mechanisms of metallized hybrid fuels /U/	1964
19660078135	Propellant and engine development for a hybrid air-launched weapon system /U/	1964
19660078136	Propellant development for reverse hybrids /U/	1964
19660078137	Design Study of a Throttleable Hybrid Motor /U/	1964
19660078138	Hot gas thrust vector control for solid propellant motor applications /U/	1964
19660078139	SPRINT propulsion development /U/	1964
19660078140	Motor cases for SPRINT design /U/	1964
19660078141	SPRINT nozzle design /U/	1964
19660078142	Introduction for HiBEX /U/	1964
19660078143	Development of high-burning-rate propellants /U/	1964
19660078144	A review of the development and production experience gained from First Stage Minuteman propellant /U/	1964
19660078145	Improved CTPB propellants for air-launched missile propulsion /U/	1964
19660078146	Solid propellant encapsulated pulse rocket motor /U/	1964
19660078147	Development of a gas generator for second- stage roll control, improved Minuteman /U/	1964
19660078148	Hydrazinium diperchlorate propellants /U/	1964
19660078149	Propellant manufacturing and loading for large solid boosters /U/	1964
19660078250	Aerodynamic analysis of the DSV-3E improved delta vehicle	1964
19660078294	Columbium "H" section program. Phase I - Extrusion. Phase II - Drawing Interim report, 1 Apr. - 1 Jul. 1964	1964
19660078299	Development of lubricant screening tests and evaluation of lubricants for gas turbine engines for commercial supersonic transport Seventh quarterly technical report, Oct. 1, 1963 - Jan. 1, 1964	1964
19660078421	Immersed plastics research Quarterly extra mural progress report, 1 Jul. - 30 Sep. 1964	1964
19660078467	Thermal conductivities of the fibrous and porous insulating materials, parts I and II	1964
19660078468	Computer program for the design and analysis of hypersonic inlets Final report	1964
19660078597	Investigation of phase equilibrium relations in ternary and higher order systems of transition metals Progress report, 1 Jan. - 15 Sep. 1964	1964
19660078768	Immersed plastics research Quarterly extra mural progress report, 1 Oct. - 31 Dec. 1964	1964
19660079144	Static aerodynamic characteristics of three blunt elliptical bodies at subsonic to hypersonic speeds /U/	1964
19660079216	Interference flow phenomena at mach 2 and 5. Part I - Force data at Mach 5 /U/ Final report	1964
19660079217	Digital hydraulic actuator study /U/ Final report	1964
19660079452	Effects of Punishment Locus on Fixed-ratio Performance Technical Report No. 66-7	1964
19660079620	A Lifting Re-Entry, Horizontal-landing Type Logistic Spacecraft (U) Final Summary Report	1964
19660079641	Applied research program - Aerospace vehicle interception propulsion program, phase II /U/ Report, 1 Nov. 1962 - 30 Sep. 1963	1964
19660079784	Mars-Venus Capsule Parameter Study. Volume IV - Aerodynamic Coefficients (U)	1964
19660079813	Model 8247 altitude test program /U/ Final report	1964
19660079953	Results of experiments concerning the radiation emitted by models in flight in the hyperballistic firing tunnel	1964
19660080183	Nimbus spacecraft modal survey vibration test /Task 628-05/. Z-axis modal test experimental data Final report	1964
19660080225	Initial centerline design specification - NASA fuel cell systems project	1964
19660080303	Research and development of an open-cycle fuel cell system Monthly progress report no. 20, 1-31 Dec. 1963	1964
19660080304	Research and development of an open-cycle fuel cell system Monthly progress report no. 21, Jan. 1-31, 1964	1964
19660080305	Research and development of an open-cycle fuel cell system Monthly progress report no. 22, Feb. 1-29, 1964	1964
19660080306	Research and development of an open-cycle fuel cell system Monthly progress report no. 23, Mar. 1-31, 1964	1964
19660080308	Research and development of an open-cycle fuel cell system Monthly progress report no. 25, May 1-30, 1964	1964
19660080309	Research and development of an open-cycle fuel cell system Monthly progress report no. 26, Jun. 1-30, 1964	1964
19660080310	Research and development of an open-cycle fuel cell system Monthly progress report no. 27, Jul. 1-31, 1964	1964
19660080362	Re-entry flight-management technology at Litton	1964
19660080364	Engineering services division Progress report, Oct. 1 - Dec. 31, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080501	Discrepancy analysis of preflight equipment failures, August - September 1964. Medium space vehicles programs	1964
19660080513	Flight dynamics and control analysis of the Centaur vehicle /Atlas-Centaur AC-4/	1964
19660080514	Flight dynamics and control analysis of the Atlas/Centaur AC-4 flight vehicle	1964
19660080615	Manual control for the morl	1964
19660080616	Hydrogen-oxygen electrolytic regenerative fuel cells	1964
19660080683	Glass transition temperatures of poly/methyl methacrylate/ plasticized with low concentrations of monomer and diethyl phthalate	1964
19660080687	Corrections to the magneto-ionic theory for an exponential atmosphere	1964
19660080761	Seventh quarterly progress report	1964
19660080884	Neurosciences research program bulletin, volume ii, number 6, november - december 1964 - glial cells	1964
19660080899	Effects of surface reflection on radiation emerging from the top of a planetary atmos- phere final report	1964
19660080960	Study in cometary astrophysics quarterly status report, no. 4 15 oct. - 15 dec. 1964	1964
19660081019	Space environmental simulation. where do we go from here /ques/	1964
19660081029	The effect of ribonuclease digests of amino acyl-srna on a protein synthesis system	1964
19660081516	Study in cometary astrophysics third quarterly status report, 15 aug. - 15 oct. 1964	1964
19660081517	Study in cometary astrophysics second quarterly status report, 15 jun. - 15 aug. 1964	1964
19660081533	Theory of elastic differential scattering in low energy he& & he collisions	1964
19660081578	Remarks on the Frequency Shift in High Intensity Compton Scattering	1964
19660081581	Obtaining System Performance Measures from Routh's Algorithm	1964
19660081582	Cosmological Implications of Neutrino Emission by Pair Annihilation in Massive Stars. the Iron Group Elements and the Equilibrium Process in Nucleosynthesis	1964
19660081583	Balloon Observation of the X-ray Spectrum of the Crab Nebula Above 15 Kev	1964
19660081584	Accurate Measurements of Sphere Drag at Low Reynolds Numbers	1964
19660081585	The Classification of Magnetic Shells	1964
19660081586	The Brushless D.C. Motor for Satellite Instrumentation and Control	1964
19660081587	The Coupling of Biologically Active Substances to Insoluble Polymers - Antibody on Cellulose	1964
19660081589	Experimental Studies for the Detection of Protein in Trace Amounts Final Report	1964
19660081591	Planetary Missions - A Look at Entry Vehicle Problems	1964
19660081592	D Region Probe Theory	1964
19660081593	Rb-Sr Age Analysis of Ivory Coast Tektites	1964
19660081594	Effects of Prolonged Centrifugation on Growth and Organ Development of Rats	1964
19660081596	Formation of Complementary RNA and Enzymes in Bacillus Subtilis Infected with Bacteriophage SP8	1964
19660081599	A Revised Upper Limit of NO2 in the Martian Atmosphere	1964
19660081629	Feasibility of flox performance improvement on the s-ic, may - september 1964	1964
19660081632	Study of gold, palladium, and palladium-gold alloy electrodes by galvanostatic techniques. part iii - fuel cell research final report	1964
19660081703	Studies on the biochemistry of the brown fat and liver of hibernating golden-mantled ground squirrels /citellus lateralis/	1964
19660081704	Variable field image intensification in the ion microscope	1964
19660081835	Study of lunar reflective components of solar radio emission	1964
19660081990	Analysis of Complex Structures Subjected to Random Excitation Engineering Paper 3090	1964
19660082178	Study of thin film large area photovoltaic solar energy converter monthly status report, 1-31 jul. 1964	1964
19660082267	The mathematician and spaceflight	1964
19660082268	Electrical Conductivity of Concentrated Phosphoric Acid from 25 Deg to 60 Deg C	1964
19660082312	Interstellar Extinction in the Ultraviolet	1964
19660082313	Spacecraft sterilization - implications and suggestions	1964
19660082315	On the Synthesis Problem for an Infinite Cylinder with an Axial Slot	1964
19660082318	Surveyor Terminal Guidance	1964
19660082319	Terrestrial Origin of the Icast Objects	1964
19660082321	Influence of Satellite Io on the 26.3 Mc/s Emissions from Jupiter	1964
19660082322	Serum Glucose and Free Fatty Acids in Man During Prolonged Exercise	1964
19660082324	Self-consistent Field Approach to Turbulence Theory	1964
19660082328	Metabolic alterations in rats exposed to acute acceleration stress	1964
19660082330	Rilles, ridges, and domes - clues to maria history	1964
19660082331	Infrared Reflectivity of Iron Oxide Minerals	1964
19660082332	The "Institute for Direct Energy Conversion"	1964
19660082359	Precambrian metasediments of the pine creek area, gilpen county, colorado	1964
19660082360	Sextant Sighting Performance for Space Navigation Using Simulated and Real Celestial Targets	1964
19660082361	Rocket Measurements of Cosmic Noise Intensities Below 5 Mc/s	1964
19660082362	The Search for Extraterrestrial Life	1964
19660082365	Error Curves for Lanczos' "Selected Points" Method	1964
19660082368	Observations on Drosophila Given a High Dose of Protons	1964
19660082537	Bulkhead study no. 2	1964
19660082538	Ac-2 heavyweight insulation panels element test	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660082674	Steady-state response in the parameter plane	1964
19660082677	Model spacecraft construction	1964
19660082846	Comparison of diagnostic methods for nonequilibrium plasma-jet wind tunnel flow	1964
19660082849	Synthesis of Carbon-14 Labeled Isocyanates. Determination of the Carbon-14 Distribution in the Isocyanate Groups of 2,4-tolylene Diisocyanate	1964
19660082890	Investigation of catastrophic fracturing and chemical reactivity of liquid-filled tanks when impacted by projectiles of high velocity	1964
19660082904	Deep sounding of the moon glubokoye zondirovaniye lunny	1964
19660082909	Investigations of the snap-8 lube and coolant loop	1964
19660082968	Resonance Effects of Electrostatic Oscillations in the Ionosphere	1964
19660083066	Rocket measurements of the geomagnetic field above woomera, south australia	1964
19660083067	Space gastroenterology - a review of the physiology and pathology of the gastrointestinal tract as related to space flight conditions	1964
19660083068	Recurrent Geomagnetic Storms and the Solar Wind	1964
19660083230	Research on failure free systems quarterly report no. 4, 20 jul. - 20 oct. 1964	1964
19660083249	Environmental impoverishment, social isolation and changes in brain chemistry and anatomy	1964
19660083446	A Study of Solar Evolution	1964
19660083486	A workshop on bio-telemetry final report	1964
19660083487	Pulse Frequency Modulation	1964
19660083495	Wedge and Cone Theory for m Infinity Equals Infinity	1964
19660083537	Rocket measurements in the ionosphere during the eclipse of 20 july 1963	1964
19660083539	Lunar research program technical progress report, feb. 1964	1964
19660083644	On Chandrasekhar's Limiting Mass for Rotating White Dwarf Stars	1964
19660083714	Some Problems in Astrodynamics and Celestial Mechanics	1964
19660083718	Ranger vii lunar charts. rlc 1 through 5	1964
19660083832	Quarterly report on ucla space program, period ending october 31, 1964	1964
19660083834	Neurosciences research program bulletin, volume ii, november-december 1964 supplement, no. 6 - glia bibliography 1960-1964	1964
19660083835	Biological experiment in space. psychocardiovascular reactions during conditions of weightlessness in an orbiting satellite status report, 1 oct. 1963 - 30 sep. 1964	1964
19660083859	The Application of Invariance Principles to a Radiative Transfer Problem in a Homogeneous Spherical Medium	1964
19660084076	On the origin of outer belt protons, part i	1964
19660084085	Lifetimes and Transition Probabilities in CO plus	1964
19660084177	Gravity gradient stabilization system for the advanced technological satellite fourth monthly progress report, 1-31 oct. 1964	1964
19660084233	Development of a hydrogen-oxygen space power supply system progress report, 1-31 jan. 1964	1964
19660084238	Development of a hydrogen-oxygen space power supply system progress report, 1-29 feb. 1964	1964
19660084271	Monthly progress report, 1-31 december 1963	1964
19660084274	Fabrication delivery of helium storage bottles second quarterly progress report, feb. - apr. 1964	1964
19660084292	Guidance and control in supercircular atmosphere entry	1964
19660084294	Development of a hydrogen-oxygen space power supply system progress report, 1-31 may 1964	1964
19660084295	Development of a hydrogen-oxygen space power supply system progress report, apr. 1-30, 1964	1964
19660084298	Monthly progress report, november 1963, section a-iv, b-i, b-ii, b-v, b-vi, b-vii, b-viii	1964
19660084299	Development of a hydrogen-oxygen space power supply system progress report, mar. 1-31, 1964	1964
19660084370	General review of piloting problems encountered during simulation and flights of the x-15 ninth annual report	1964
19660084371	Growth of gametophytes at varying angles on clinostats and light intensities	1964
19660084384	Dovap operational support, rocket simulation, and tracking monthly progress report, 1-30 apr. 1964	1964
19660084500	Optimum Wavelength Intervals for Surface Temperature Radiometry	1964
19660084502	Space Flight Operations Plan, Surveyor Mission P-42	1964
19660084505	Vapor pressure of tektite glass and its bearing on tektite trajectories determined from aerodynamic analysis	1964
19660084506	Method for determining the density of microsize spherical particles	1964
19660084619	Development of a hydrogen-oxygen space power supply system progress report, 1-31 jul. 1964	1964
19660085039	A new cross section library for the n plus 235u reaction	1964
19660085224	Gemini Malfunction Transients and Loads	1964
19660085368	Lunar Excursion Module Descent Engine Altitude Testing Facility Nevada Field Laboratory	1964
19660085432	Gemini Launch Vehicle/Spacecraft Interface Area - Structural Analysis	1964
19660085482	New concepts for thermodynamic solar power converter preliminary summary report	1964
19660085569	Henry ford hospital progress report, 1 july - 30 september 1964	1964
19660085570	Henry Ford Hospital Progress Report, 1 January - 31 March 1964	1964
19660085576	Henry Ford Hospital Progress Report, 1 Apr. - 30 Jun. 1964	1964
19660085661	Physical Limitations of Life	1964
19660085662	Photodynamic Action of Light on Purines	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660085665	Morse Potential Functions for Nonpolar Gases	1964
19660085667	Design, Development, Manufacture, and Deliver New Concepts for High Energy Rate Forming System Quarterly Report No. 1, Period Ending 30 Sep. 1964	1964
19660085668	Neutrino-Spectroscopy of the Solar Interior	1964
19660085719	Effects of a 17-spirolactone on a circadian rhythm and other physiological systems /gallus domesticus/	1964
19660085721	Macroscopic Photography of the Intestine as a Diagnostic Tool in Experimental Gastroenterology	1964
19660085796	Detailed Program Plan for Fourth-Stage Scout Rocket Motor Program	1964
19660085849	Fourth-Stage Scout Rocket Motor Program	1964
19660086111	Solid lubricants for high temperature metal working	1964
19660086173	Flight-loads measurements during launch and exit, section 1. volume iii - structures. part d - testing. chapter 3 - structural tests /flight/ nasa space vehicle design criteria	1964
19660086177	Research Activities in the Non-equilibrium Statistical Mechanics of Dense Classical Gases Semiannual Report No. 5, 1 Jul. - 31 Dec. 1964	1964
19660086469	A negative capacity electrometer using mos transistors	1964
19660086473	Silver membrane filters as a support for infrared analysis by attenuated total reflection	1964
19660086512	Efficient recursive estimation of the parameters of a radar or radio astronomy target	1964
19660086544	Thermodynamic and kinetic studies of borides and other refractory materials at high temperatures status report no. 3, 1 jul. - 30 sep. 1964	1964
19660086609	Large Amplitude Vibration of Buckled Beams and Rectangular Plates	1964
19660086610	Measurement of low energy primary cosmic ray protons on imp-1 satellite	1964
19660086612	Electron microprobe study of a crater and ejecta produced by hypervelocity impact against a ni-fe target	1964
19660086613	Pi-electronic energy changes in anionic polymerization	1964
19660086614	Electron microprobe study of the jahh deh kot lalu enstatite chondrite	1964
19660086615	Geomagnetic activity after the alaskan earthquake	1964
19660086616	Generalization of one-dimensional space-charge theory	1964
19660086617	Current status of drift field solar cells	1964
19660086618	Cole-cole Diagram and the Distribution of Relaxation Times	1964
19660086619	Enhanced oxidation of platinum in activated oxygen - identification of active species	1964
19660086620	Enhanced oxidation of platinum in activated oxygen - identification of oxide formed	1964
19660086621	Relativistic child law	1964
19660086622	Oscillation strength of the cn violet system	1964
19660086623	On finite strain-displacement relations	1964
19660086624	Hypersonic boundary layer transition quarterly progress report	1964
19660086625	"stereo-chromatography", a new method for chemical identification and preparative isolation	1964
19660086626	Biological effects of protons and neutrons in large animals	1964
19660086627	Hidatsa syntax	1964
19660086628	Fluidization theory applied to the lunar maria	1964
19660086629	A miniature bio-potential telemetry system	1964
19660086630	Carefully Designed Measurements of the Response During Entry of a Small Probe Vehicle Can Define the Mars Atmosphere for More Complicated Landing Vehicles to Follow	1964
19660086631	Detailed behavior of the midlatitude ionosphere from the explorer xvii staellite	1964
19660086633	Radiation flux from a slab or sphere	1964
19660086824	Sound waves in relativistic magnetohydrodynamics	1964
19660086826	Meteoroids - needs for penetration scaling laws and the potentials of stimulation techniques	1964
19660086898	Electromagnetic alkali metal pump research program monthly project status reports, period ending jan. 27, 1964 and feb. 27, 1964	1964
19660086911	Properties of Internally Oxidized Columbium Zirconium Alloy	1964
19660086914	Ignition and combustion of powered metals in the atmospheres of venus, earth, and mars	1964
19660086922	Equation of State of Polymer Liquids	1964
19660087288	Hypervelocity impact of microparticles quarterly progress report no. 17, 1 oct. - 31 dec. 1964	1964
19660087289	The Spectral Composition of the Night Sky Glow Emission in a Continuous Spectrum and Photoelectric Observations of Intensity Var- lations of OI 5577 and Na d Emissions o Spektral'nom Sostave Izlucheniya Nochnogo Neba v Nepreryvnom Spektre i Fotoele	1964
19660087292	Measurement of the Drift of Ionization Irregularities in the E-region of the Ionosphere at Simultaneous Control of Reflected Radiowaves' Polarization Izmereniye Dreyfa Neodnorodnosti Ionizatsii v Oblaste e Ionosfery Pri Odnovremennom Kontrole Polariz	1964
19660087293	Red-star Patrol Investigates the Cosmos. a New and Outstanding Experiment	1964
19660087294	Nuclear physics and cosmos - yadernaya fizika i ko	1964
19660087298	Recursive Properties of Topological Transformation Groups Final Report	1964
19660087306	Optimum coplanar flight between orbits optimal'nyy komplanarnyy polet mezhdu orbitami	1964
19660087318	Psychophysiological effects of prolonged confinement in small groups and in isolation semiannual status report, 1 oct. 1963 - 1 apr. 1964	1964
19660087349	Technical Investigation of Athena Attitude Controller System, 2-24 October 1964	1964
19660087647	Signal strength analysis of echo ii-reflected signals at 2 kmc/sec /revolutions 2000-3500/	1964
19660087648	The short term /tau max equals 3 sec/ autocorrelation function of echo ii - reflected signals	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660087649	Determination of a pulse train to detect the surface characteristics of echo ii	1964
19660087650	The surface roughness of echo ii - a preliminary study	1964
19660087651	Wave forms and ambiguity functions of pulsed signals reflected from a spherical satellite	1964
19660087653	Power spectral density of echo ii reflected signals	1964
19660087655	The long term autocorrelation functions of echo reflected signals	1964
19660087656	Probability density function of the envelope of a cw signal over echo ii	1964
19660087657	Laboratory acceptance test for tigris	1964
19660087659	A comparison of the surface roughness of echo i and ii from the direct and cross polarized scattering characteristics	1964
19660087660	Apparent scattering cross-section of echo ii	1964
19660087715	Experiments on the effects of low pressures on cellular ultrastructure and cytochemistry in plants semiannual progress report, 1 oct. 1963 - 1 apr. 1964	1964
19660088050	High temperature thermocouple research and development program monthly progress report no. 10, 1 mar. - 1 apr. 1964	1964
19660088051	High temperature thermocouple research and development program monthly progress report no. 12, 1 may - 1 jun. 1964	1964
19660088056	High temperature thermocouple research and development program monthly progress report no. 8, 1 jan. - 1 feb. 1964	1964
19660088057	High temperature thermocouple research and development program monthly progress report no. 9, 1 feb. - 1 mar. 1964	1964
19660088073	Surveyor thrust phase flight control system	1964
19660088118	Flow at the vertex of a wedge near the condition of shock detachment	1964
19660088265	The review and revision of capacitor qualification specifications final report	1964
19660088350	Further classical fifth-order runge-kutta formulas	1964
19660088362	A note on the cartesian formulation of the membrane theory	1964
19660088446	Liquid cooling of semiconductor devices first annual report	1964
19660088447	Development and evaluation of c-129y /cb-low-10hf-0.1y/ columbium alloy	1964
19660088448	Improved seismographs semiannual progress report no. 7, 1 jan. - 30 jun. 1964	1964
19660088449	Gallium arsenide transistors third annual report	1964
19660088450	Summary of x-20a major technological break- throughs	1964
19660088451	Development of welding procedures and filler materials for joining high strength low alloy steels sixth quarterly progress report, 15 sep. - 15 dec. 1964	1964
19660088459	Dry film lubricant evaluation with various anodic coatings	1964
19660088461	Accelerated deterioration of elastomers quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19660088462	Crossed field amplifier research second annual report	1964
19660088463	Project trade post - site selection, support, and station movement final program report	1964
19660088464	Analysis of airborne antenna lobing, x-20 /dyna-soar/ communications and tracking subsystem	1964
19660088465	Limiting in travelling wave tubes second annual report	1964
19660088466	Development of microminiature solid state circuits progress report, 1 aug. 1963 - 1 feb. 1964	1964
19660088467	Out-of-chamber semi-automatic welding of ti-7a1-2cb-1ta alloy titanium plate	1964
19660088469	The measurement and prediction from flight test results of a helicopter's vertical climb performance, using a non-dimensional method	1964
19660088472	Project ampirt- arpa multiband photographic and infrared reconnaissance test first semiannual technical report, 30 mar. - 30 sep. 1964	1964
19660088475	X-band high power cw amplifier and amplifier console quarterly progress report, 1 apr. - 30 jun. 1964	1964
19660088476	New and improved heat transfer fluids technical documentary report, 15 feb. 1963 - 14 jan. 1964	1964
19660088477	The determination of design criteria for grade cfz graphite progress report, 1 jul. - 30 sep. 1964	1964
19660088478	Q-band diode parametric amplifier first annual report first annual report	1964
19660088479	Electron beam welding development	1964
19660088480	Propellants compatibility report	1964
19660088491	A review of current trends in plasma amplifier research	1964
19660088493	Adc support of middletown air material area depot /maama/ service test of f-102 a pilot chutes	1964
19660088494	Strength evaluation of superalloy fasteners, rene'41 joints and molybdenum alloy bolts final report, apr. 1 - aug. 15, 1964	1964
19660088499	Data compression study monthly progress report no. 4, 15 dec. 1963 - 15 jan. 1964	1964
19660088502	Some results on the free-free oscillations of aircraft type structures	1964
19660088510	Radiation effects program, volume 3, appendix 4 summary report	1964
19660088513	Aircraft monitor and control system tests on the a-5a aircraft	1964
19660088515	Development of composite structural materials for high temperature applications seventeenth progress report, 1 jun. - 31 aug. 1964	1964
19660088519	The effect of various machining techniques on the mechanical properties of rene'41 at 1000 deg f	1964
19660088530	Projects dealing with advanced electron device technology status report no. 83	1964
19660088548	Results of control systems fatigue tests	1964
19660088549	Model 176, next generation spacecraft	1964
19660088552	Injection of multiple payloads into different orbits with a single launch vehicle	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088564	Impulse equivalent pulse sequences	1964
19660088570	Letter progress report no. 40, 15 january - 15 february 1964	1964
19660088650	Agena Target Vehicle Detail Design Review	1964
19660088659	Gemini Launch Vehicle Program Monthly Progress Report, Jan. 1964	1964
19660088661	Long period gravity gradient damping	1964
19660088689	Scram propulsion study. volume ii - technical analysis final report	1964
19660088693	Scram propulsion study. volume i- summary final report	1964
19660088706	Lunar orbit rendezvous reference trajectory data package- printout keys and reference trajectory no. 4 listing /earth launch to lem final descent/, issue 4, volume 4b	1964
19660088769	J-2 program monthly progress report for period ending 30 june 1964	1964
19660088778	Investigation of landing gear shock strut frictional forces	1964
19660088788	Predicting degradation to system reliability resulting from personnel performance of maintenance activities. program 624a standard space launch vehicle	1964
19660088794	Basic properties of organic semiconductors	1964
19660088795	Radiation damage in muscle membranes and regulation of cell metabolism final progress report, jan. 1 - dec. 31, 1964	1964
19660088798	Project gemini instrumentation signal conditioning system, frequency sensor 52-88220-11	1964
19660088799	Structural analysis of gemini docking adapter, mechanisms and systems, model 133p	1964
19660088811	Basic approaches to microelectronics	1964
19660088812	Feasibility of a tripropellant feed system tenth informal monthly status report	1964
19660088816	Gemini Launch Vehicle Program	1964
19660088831	New ablative coatings for missile protection	1964
19660088928	Fracture toughness, fatigue-crack propagation and corrosion characteristics of aluminum alloy plates for wing skins quarterly report, 3 mar. - 3 jun. 1964	1964
19660088931	A determination of the faraday effect in sapphire, ruby, nd glass and pbo glass	1964
19660088956	Mission oriented advanced nuclear system parametric study, phase ii interim report, apr. 1963 - may 1964	1964
19660088977	Nova Presentation	1964
19660088985	Project Gemini Program Progress Report	1964
19660088995	Medium Space Vehicles Programs Monthly Progress Report, Jul. 1964	1964
19660089125	Test report on interference flow phenomena at mach 10. part iii - heat transfer data	1964
19660089182	The nuclear/chemical pulse reaction propulsion project fourth progress report, 1 dec. 1960 - 1 mar. 1961	1964
19660089278	Future projects office planning information and activity report	1964
19660089282	Beryllium design and development summary report	1964
19660089294	Photoelectric emission of cuprous halides in the vacuum ultraviolet	1964
19660089300	Theoretical and experimental study of thermal contact resistance in a vacuum environment semiannual status report no. 5, jan. - jun. 1964	1964
19660089304	Alternating-current Power Generation with Transverse-current Magnetohydrodynamic Conduction Machines	1964
19660089306	Intrinsic photoemission and absorption coefficients of twenty alkali halides in the 12-21 ev region	1964
19660089307	Instruction manual for the model 133-1 liquid hydrogen quality measurement system	1964
19660089315	Engineering conceptual study for the mississippi test facility, volume iv. part ii- architect-engineer support	1964
19660089317	Analysis of linear and quadratic interpolation	1964
19660089320	Development of explosive techniques in metal forming status report no. 4 and 5, jan. 1 - dec. 31, 1964	1964
19660089379	Transonic wind tunnel tests of static pressure probes designed to sense free-stream static pressure	1964
19660089391	Application of a model reference adaptive flight control system to a maneuverable re-entry vehicle	1964
19660089405	On the generalization of the isoparity	1964
19660089418	Analysis of saturn s-ic base heating environment	1964
19660089453	Estimated performance of lift-cruise common tailpipe turbofan powerplants, stf-204c report for 23 may - 23 dec. 1963	1964
19660089531	Engineering conceptual study for the mississippi test facility, volume iv. part i - architect-engineer support	1964
19660089549	Saturn instrument unit system integration and check-out monthly progress report, may 1964	1964
19660089551	Supersonic airloads on interfering lifting surfaces by aerodynamic influence coefficient theory	1964
19660089557	Stagnation point heat transfer to surfaces of arbitrary catalycity in nonequilibrium shock layer flows	1964
19660089568	Summary of manned mars mission study	1964
19660089680	Handling qualities for vtol aircraft in turbulence progress statement, 25 dec. 1963 - 24 mar. 1964	1964
19660089681	Handling qualities for vtol aircraft in turbulence progress statement, 25 jun. - 24 sep. 1964	1964
19660089690	A survey of the use of array antennas in airborne intercept radar systems	1964
19660089697	The meteoroid environment of project apollo, edition 2	1964
19660089698	Radiation effects program, volume 3, appendix 4 summary report	1964
19660089700	Reliability and the military specification system	1964
19660089714	J-2 program monthly progress report, dec. 1963	1964
19660089732	The capture of thermal electrons by gold centres in n-type germanium at 20 deg k	1964
19660089775	De/q test of linear accelerometer, p/n7882283- 505	1964
19660089780	Program plan for controlled tethering experiment	1964
19660089799	F-1 engine system monthly progress letter, 1 - 30 jun. 1964	1964
19660089863	De/q tests of thermoelectric calorimeter transducer /p/n 1a96572-1a/	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089865	Applied research on high resolution camera tubes interim technical documentary report no. 5, 1 sep. - 31 dec. 1963	1964
19660089913	Reusable launch systems status report, feb. 1964	1964
19660089977	Inorganic halogen oxidizers quarterly progress report, 1 sep. - 30 nov. 1964	1964
19660089988	Xc-142a vtol transport program monthly progress report, apr. 1964	1964
19660090018	Theoretical and experimental study of rare earth ion fluorescence in crystals progress report, 1 nov. 1963 - 1 may 1964	1964
19660090034	Dual-polarized riometer absorption studies semiannual technical summary, 1 dec. 1963 - 31 may 1964	1964
19660090036	Fatigue Tests of Simulated Wing Skin Structures Suited for a Mach 3 Transport Aircraft Fifth Quarterly Progress Report, 11 Jun. - 10 Sep. 1964	1964
19660090041	Effect of protective coatings on the stress-corrosion properties of supersonic-transport skin materials eighth quarterly status report, 1 sep. - 30 nov. 1964	1964
19660090071	Spacecraft Bus Feasibility Study for the Lunar Logistic System	1964
19660090088	Flight test for xb-70a air vehicles monthly progress report no. 3, nov. 1964	1964
19660090097	H-1 engine uprating study informal monthly status report no. 2	1964
19660090101	Flight Test for XB-70A Air Vehicles	1964
19660090106	Flight Test for XB-70A Air Vehicles	1964
19660090107	Protective Measures Against Meteorite Bombardment of Artificial Earth Satellites Schutzmassnahmen Gegen Meteoritentreffer Bei Kunstlichen Erdsatelliten	1964
19660090112	Pneumatic Mix Process Technical Summary Report	1964
19660090119	Seventy-second quarterly report	1964
19660090124	Improved methods of celestial mechanics first quarterly status report, 30 mar. - 30 jun. 1964	1964
19660090128	Solid-state analog-to-digital and digital-to-analog converters	1964
19660090129	A new alternating-current power-generation system for p-5 aircraft	1964
19660090130	Regenerative turboprop engine development	1964
19660090131	Reliability of aircraft electronic equipment	1964
19660090132	Human factors in airborne weapon systems	1964
19660090133	New inertial navigation and guidance facility	1964
19660090134	Exploratory development of whisker-reinforced metals for future application for high- temperature missile structures	1964
19660090155	Interdisciplinary Study of Problems Related to the Space Program Interim Status Report, Feb. 1 - Jul. 31, 1964	1964
19660090156	Investigation of combustion instability with liquid oxygen and liquid or cold gaseous hydrogen propellants, phase ii quarterly progress report no. 2, sep. 15 - dec. 15, 1964	1964
19660090159	Measured effects of the various combinations of nuclear radiation, vacuum, and cryotemperatures on engineering materials quarterly progress report, may 1 - sep. 30, 1964	1964
19660090162	Laboratory for nuclear science progress report	1964
19660090233	XB-70A Air Vehicles Flight Test Monthly Progress Report No. 1, Sep. 1964	1964
19660090249	Variations on the u.s.121 'vinyl-rosin' formulation	1964
19660090255	Reliability Test of Saturn S-I and S-IB Stages, Hydraulic System Main Pump Check Value /20C85109-3/ Technical Report	1964
19660090256	Electrolytic preparation of high dielectric thin films quarterly report, 27 dec. 1963 - 27 mar. 1964	1964
19660090262	Error analysis for the whittaker model 525625 - miniature attitude reference system	1964
19660090263	Designing for the space radiation environment	1964
19660090266	Reentry radiation and air flow tenth quarterly progress report, 1 sep. - 30 nov. 1964	1964
19660090269	Prediction of Neutron Induced Activation Quarterly Progress Report No. 2	1964
19660090271	Project Spin - Precision Cryogenic Gyro Status Report No. 4, 1 Feb. - 31 Oct. 1964	1964
19660090272	Development of Design Criteria Relative to Wind Induced Oscillations of the Saturn Booster in the Vertical Launch Position Monthly Progress Report, Oct. 1964	1964
19660090274	Cylindrical Surface Resonators, with the Effects of Surface Tension and an Electric Field Included Internal Memorandum No. 101	1964
19660090278	Consolidated Quarterly Progress Report, Period Ending November 1, 1964	1964
19660090280	The Growth and Excitation of Electrohydrodynamic Surface Waves Internal Memorandum No. 99	1964
19660090281	Development of Improved Potting and Encapsulating Compounds for Space Applications Fifth Quarterly Report, 1 Oct. - 31 Dec. 1964	1964
19660090285	Applications technology satellite monthly progress report no. 4, 13 sep. - 13 oct. 1964	1964
19660090287	Research in long wavelength x-ray spectroscopy semiannual report no. 3, 1 mar. - 31 aug. 1964	1964
19660090288	Saturn s-ii quality control performance audits quarterly summary report, 1 jan. - 31 mar. 1964	1964
19660090289	The development of a large-volume, low-temperature plasma in the large high-vacuum chamber and further developments of antenna impedance probe techniques quarterly progress report no. 1, 1 oct. - 31 dec. 1964	1964
19660090291	An experiment to stabilize an electromechanical continuum	1964
19660090292	Ehd and mhd two stream surface interactions thesis proposal	1964
19660090294	Standard Agena Space Vehicle Technical Description	1964
19660090319	Advanced technological satellite monthly progress report, 13 jun. - 13 jul. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090324	Reliable earth sensor second quarterly report, 1 oct. 1963 - 1 jan. 1964	1964
19660090325	Advanced technological satellite monthly progress report, 13 may - 13 jun. 1964	1964
19660090338	Thermal performance degradation of ablators due to penetrations final report, supplement	1964
19660090339	Digital computer simulation of interceptor- missiles. volume v - hybrid computation feasibility study technical documentary report, 1 feb. - 31 dec. 1963	1964
19660090344	Saturn v launch vehicle digital computer and data adapter monthly progress report	1964
19660090359	Downrange data report - atlas missile 137f with wac-2 nose cone /amr 575/	1964
19660090377	Stability and control - convair model 48 light armed reconnaissance airplane	1964
19660090378	Convair model 48 light armed reconnaissance airplane summary report	1964
19660090399	Atmospheric effects on celestial radio measurements at 8.6mm wavelength, part ii final report	1964
19660090401	The univac aerospace computer - a technical description	1964
19660090405	Progress report ending 30 september 1964	1964
19660090450	Uncoated SPO Propellant Development Monthly Status Report No. 6, 1-31 Oct. 1964	1964
19660090451	Preliminary Design and Program Studies of the Saturn 260 Sl/S-4B Launch Vehicle	1964
19660090496	Development of an Ion Rocket Engine System for Attitude Control and Station Keeping Monthly Progress Report No. 13, Dec. 1963	1964
19660090505	Ion rocket system research and development monthly progress report, 1-31 oct. 1964	1964
19660090513	Design of Vacuum Jacketed Ducts, Lines, and Bellows for Use on Space Vehicles First Quarterly Report, 15 Jul. - 31 Oct. 1964	1964
19660090527	Geophysical explorations in aerospace during 1963	1964
19660090528	Extra-terrestrial weather bibliography	1964
19660090564	Modularized vehicle simulation titan iii structures model	1964
19660090566	Team simulations of metric data accuracies for titan iii trajectories	1964
19660090575	Properties of glasses at elevated temperatures progress report no. 28, 1 jul. - 30 sep. 1964	1964
19660090598	Research on diffusion of hydrogen through palladium-silver alloy, phase 3 quarterly progress report, apr. - jun. 1964	1964
19660090604	Data users' manual, volume i	1964
19660090607	Heat transfer studies of solid rocket igniters quarterly progress report no. 1, jul. - sep. 1964	1964
19660090612	Lunar reports, july - december 1963	1964
19660090618	Development of a piezoelectric dynamic embosser for use as a reading machine	1964
19660090621	Atmospheric acoustic study, mississippi test facility progress report no. 17, period ending 31 mar. 1964	1964
19660090627	Reliability of the flight test ion thruster final report, dec. 1962 - mar. 1964	1964
19660090651	Static firing of xm30 aged rocket motors, rounds 1 through 12	1964
19660090659	J-2 program monthly progress report, period ending 31 jul. 1964	1964
19660090663	Multifunctional, Auxiliary Propulsion Module Study Program Monthly Progress Report No. 9, Sep. 1964	1964
19660090692	Research on diffusion of hydrogen through palladium-silver alloy, phase 3 quarterly progress report, jul. - sep. 1964	1964
19660090700	Anisotropic mechanical behavior in sapphire /a1203/ whiskers	1964
19660090703	Research on high temperature-resistant seal and sealant materials for the supersonic transport sixth quarterly technical report, mar. - 31 may 1964	1964
19660090705	Coatings for refractory metals in aerospace environments fourth progress report, 1 mar. - 31 may 1964	1964
19660090711	Amplitude distribution due to multipath and scatter - a theoretical model	1964
19660090715	Biological control systems, a critical review and analysis - endproduct control mechanisms in biosynthesis progress report no. 3, 1 dec. 1963 - 29 feb. 1964	1964
19660090722	A study for the development of procedures for isolation of chemoautotrophic and related microorganisms and the characterization of such microorganisms or agents from corroded metals quarterly progress report no. 1, may 25 - aug. 24, 1964	1964
19660090729	Effect of hard over malfunctions in titan iii on mol	1964
19660090730	Dcs research and development guide. millimetric wave communications	1964
19660090733	Sonic boom program	1964
19660090751	General Arrangement Drawing and Performance Manual	1964
19660090765	Rat scat cross section measurements of the mark 11 vehicle serial no. 2700018	1964
19660090772	Integrated wall construction for reentry vehicles midterm progress report	1964
19660090777	Bibliography of research and development reports on the centaur program for 1963	1964
19660090794	Aerodynamic heat transfer for packaged liquid powerplants	1964
19660090797	Dual radiometer assembly for project scanner preliminary design review report	1964
19660090812	Nasa supported radiation environment study quarterly status report, 1 jun. - 31 aug. 1964	1964
19660090817	Wind and temperature in the atmosphere between 30 and 80 km quarterly technical report, 1 oct. - 31 dec. 1963	1964
19660090852	The study of complexing agents for niobium and tantalum	1964
19660090854	Special purpose analysis techniques third quarterly report, 5 jul. - 4 oct. 1964	1964
19660090855	The apparent dependence of terrestrial scintillation /'shimmer'/ intensity upon atmospheric humidity	1964
19660090856	Extraterrestrial life studies involving enzymatic reactions, chemosynthesis, and assimilatory power of chemosynthetic bacteria quarterly progress report no. 1, 30 aug. - 29 oct. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090859	Predicting success in scientific laboratories from biographical information quarterly progress report no. 19, 1 mar. - 31 may 1964	1964
19660090866	Thermal property data utilized for asset materials	1964
19660090869	An analysis of the decision process	1964
19660090880	Performance characteristics of electro- ballistic generators	1964
19660090881	Evaluation study of nuclear power applications for antarctic interior	1964
19660090882	A study of high modulus, high strength filament materials by deposition techniques bimonthly progress report, 1 jul. - 31 aug. 1964	1964
19660090883	Thermoconductivity of solid argon quarterly technical status report., 1 oct. - 31 dec. 1963	1964
19660090894	Study of vortex-boundary layer interaction third quarterly status report, period ending 26 mar. 1964	1964
19660090912	Fy'62 scout program informal weekly letter report, week ending 24 may 1964	1964
19660090913	Algol solid rocket motor program thirty- eighth monthly progress report, jul. 1964	1964
19660090917	A study of economic factors relating to optimum use of land exposed to noise from commerical aircraft landing and takeoff operation quarterly progress report no. 2, 1 jun. - 31 aug. 1964	1964
19660090918	A study of economic factors relating to optimum use of land exposed to noise from commercial aircraft landing and takeoff operation quarterly progress report no. 1, 24 feb. - 31 may 1964	1964
19660090927	Self sealing structures for control of the meteoroid hazard to space vehicles summary report, 1 jul. 1963 - 31 mar. 1964	1964
19660090938	Large rocket, preliminary design development monthly report no. 6, may 1964	1964
19660090945	Feasibility study on high performance, short duration power batteries quarterly technical progress report, 15 sep. - 15 dec. 1964	1964
19660090947	Analyze, Study, and Establish an Optimum Power Relay Design Fifteenth Interim Report, 1 Oct. - 31 Dec. 1964	1964
19660090950	Radio systems division quarterly progress report no. 13, jul. - sep. 1964	1964
19660090952	Flight plan for lrc model trailblazer ii, d58-3542	1964
19660090958	Nonlinear aspects of instability in flow between rotating cylinders	1964
19660090961	Summary of literature and bibliography on the relation between wetting and boiling mercury heat transfer	1964
19660090980	System studies - hard point, hibex, ballistic missile defense quarterly progress report p-7/192, 1 jul. - 30 sep. 1964	1964
19660090982	Amr test 201 data summary report	1964
19660090985	Research on short wavelength ir detectors research contract status report, mar. 1964	1964
19660091043	Analytical method for analysis and design of control systems	1964
19660091044	Digital control of a second order hybrid system	1964
19660091045	Digital computer solution of linear and nonlinear ordinary differential equations	1964
19660091052	Aircraft testing of inertial navigation systems - approach and analytical evaluation	1964
19660091059	Wind and temperature in the atmosphere between 30 and 80 km quarterly technical report, 1 oct. - 31 dec. 1964	1964
19660091060	Wind and temperature in the atmosphere between 30 and 80 km quarterly technical report, 1 jul. - 30 sep. 1964	1964
19660091063	Wind and temperature in the atmosphere between 30 and 80 km quarterly technical report, 1 apr. - 30 jun. 1964	1964
19660091068	Technical Summaries of Research Efforts by Fellows in the Asee-nasa Summer Institute for Engineering Teachers	1964
19660091077	Data from dca modem tests - modem e	1964
19660091106	Telemetry calibration document asv-2	1964
19660091112	Verification of guidance equations programs	1964
19660091115	Measured impedances of some tactical antennas near ground	1964
19660091116	Feasibility of forming refractory fibers by a continuous process fifth quarterly progress report, 15 may - 15 aug. 1964	1964
19660091117	Ground handling and testing procedures large- scale vehicle l-4	1964
19660091127	Epitaxial vapor growth of monocrystalline ag foils and the dependence of condensation sticking coefficient on crystallographic orientation	1964
19660091138	Improved seismographs semiannual progress report no. 8, 1 jul. - 31 dec. 1964	1964
19660091139	Atlas of signals and noise	1964
19660091141	A mathematical and experimental analysis of a catenoidal horn used as a coupling device for underwater acoustic transducers	1964
19660091147	Externally excited traveling pulses in a neon glow discharge	1964
19660091152	Elastic scattering of 1-100 ev lithium ions in helium	1964
19660091154	Linear control system optimization using a model-based index of performance	1964
19660091157	Computer simulation studies of copper atoms in 110 channels of copper crystals	1964
19660091158	A comparison of error probabilities for various discrimination procedures when the populations are gamma	1964
19660091160	Acquisition of synchronization for anti-jam communication systems. volume i - some theoretical aspects of synchronization acquisition	1964
19660091161	Analysis of glv injection dispersions. i - formulation of equations	1964
19660091162	An analysis of selected simple digital data filters	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091164	Solar collector orbital testing for the 698v advanced development program	1964
19660091168	Hybaline liquid rocket fuels	1964
19660091178	Analysis of glv injection dispersions. ii - numerical results	1964
19660091188	Comparison of psk and psk/pm receivers	1964
19660091189	Experimental determination of time base errors on a wideband magnetic recorder	1964
19660091196	Summary of satellite attitude control	1964
19660091199	Gemini spacecraft instrumentation system specification supplement no. 2, vol. 1	1964
19660091202	Control of fourth order systems for exponential settling and quasi-optimum time response	1964
19660091203	Criterion for exhaust reversal in a twin-jet plume	1964
19660091205	A Re-Analysis of the Pilot Eye-Movement Data	1964
19660091210	Joint distribution of x and x/n/ for a random sample from the standard normal distribution with applications to a variables sampling inspection procedure which guarantees acceptance of perfectly screened lots	1964
19660091217	A study of the interrelationships between leadership climate, morale and performance in small coast guard groups	1964
19660091218	Some extensions of mitrovic's method in analysis and design of feedback control systems	1964
19660091225	Subsonic wind tunnel tests of a .125 scale model of the north american /columbus/ ov-10a airplane, volume i	1964
19660091226	Subsonic wind tunnel tests of a .125 scale model of the north american /columbus/ ov-10a airplane, volume ii	1964
19660091227	Subsonic wind tunnel tests of a .125 scale model of the north american /columbus/ ov-10a airplane, volume iii	1964
19660091233	Installation and test of a rectilinear cascade	1964
19660091258	Second-stage minuteman m56a1 motor data book	1964
19660091261	Rat scat cross section measurements of the mark ii vehicle serial no. 349466	1964
19660091266	Model and Test Information Report: 1/12-Scale F-111 Rigid Loads Model. NASA Ames Research Center Unitary Wind Tunnel Tests	1964
19660091271	Snap-8 mercury pump motor assembly thermal analysis	1964
19660091272	Composite materials - an annotated bibliography, july 1963 - april 1964	1964
19660091275	Improvements to trace variational equations involving right ascension	1964
19660091288	Nascom study final report, 24 jan. 1963 - 15 jul. 1964	1964
19660091291	Some fifth-order classical runge-kutta formulas	1964
19660091298	Manned flight studies performed by selected companies - an annotated bibliography	1964
19660091299	The ionization produced in nuclear emulsion by very relativistic particles	1964
19660091303	Concepts of multiple-impact study of energy absorption progress report, fifth quarterly period	1964
19660091308	On-line program analysis and diagnosis	1964
19660091311	Potentialities of direct electro-fluid dynamic energy conversion processes for power generation	1964
19660091319	Investigation of activated species summary report no. 3, 1 apr. 1963 - 30 apr. 1964	1964
19660091323	Plasma induced arcs - an annotated bibliography	1964
19660091332	Seismological stations in the union of soviet socialist republics vesiac special report	1964
19660091333	Electronic packaging methods - an annotated bibliography	1964
19660091335	A method for evaluating sar requirements for the twelfth coast guard district	1964
19660091342	Infrared radiation from re-entry bodies - an annotated bibliography	1964
19660091343	Instrumentation for in-flight study of heat shield materials - an annotated bibliography	1964
19660091344	Cryogenic forming of aluminum, titanium, steel and other alloys - an annotated bibliography	1964
19660091359	The measurement of human performance under stress - an annotated bibliography	1964
19660091362	Mobility environmental research study in thailand. interim reports on the great soil group survey. ii - pran buri study area interim report no. 31	1964
19660091388	The hybalines. energetic liquid rocket fuels performance and stability data	1964
19660091405	Effect of longitudinal heat conduction on rotary regenerators	1964
19660091407	Thermal degradation of organic materials in vacuum and at low temperatures - an annotated bibliography	1964
19660091409	Root locus techniques in the log s plane for design and analysis of feedback control systems	1964
19660091412	Auditory perception - an annotated bibliography	1964
19660091415	Diffusion bonding /1962-1963/ - an annotated bibliography	1964
19660091423	On partitioning an arbitrarily given set of elements of a finite boolean algebra into the minimum number of sets of compatible elements	1964
19660091429	Analysis of an alternate phase lock receiver for the proposed arod system technical report no. 1	1964
19660091432	Determination of metastable populations in an argon glow discharge	1964
19660091434	Space television supplement i - an annotated bibliography	1964
19660091435	Soil stabilization - chemical stabilization of selected tropical soils from puerto rico and panama phase report no. 4	1964
19660091436	Resistance and tig welding of iridium molybdenum, rhenium, tantalum, and tungsten to themselves - an annotated bibliography	1964
19660091437	Radiation effects on cables - an annotated bibliography	1964
19660091438	Spaceflight studies performed by selected companies - an annotated bibliography	1964
19660091439	Project fishbowl. a bibliography of report literature in lmsc	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091441	Calculation of the lowest energy state of the conduction band of gold	1964
19660091458	Improved titan ii feasibility study final report, 1 jul. - 1 dec. 1963	1964
19660091546	Design study of an engine system for upper stages of uprated saturn monthly status report no. 1, 22 jun. - 22 jul. 1964	1964
19660091553	Performance of a hot gas secondary injection thrust vector control system as applied to an operational hydrogen-ox rocket engine	1964
19660091562	Photoelectron limited integrating image intensifier tubes interim report, 1 sep. - 30 nov. 1964	1964
19660091573	Skirt panel impulse and joint experimental test of ordnance joints for wing vi final report	1964
19660091574	High temperature /2000-4000 deg f/ thermal insulation annotated bibliography, 1959 - 1963	1964
19660091581	Linear programming techniques applied to research planning	1964
19660091584	A study of the application of pattern recognition to automatic control	1964
19660091588	Arc characteristics in tig and mig welding - an annotated bibliography	1964
19660091589	Weldability of tantalum alloys progress report, sep. 1 - nov. 30, 1964	1964
19660091598	Electrical load analysis, wing vi ave r&d power system	1964
19660091610	Diagnostic techniques in plasma research	1964
19660091614	Design, development and test of universal type net thrust computers for jet type powerplants final report, jul. 1961 - dec. 1963	1964
19660091620	Vibration analysis of piping systems	1964
19660091622	Investigation of the 12 percent nickel maraging steel filler wire system for high strength steel fabrication	1964
19660091626	Saturn v launch vehicle system design, programming and data adapter design evaluation semiannual progress report, 1 oct. 1963 - 31 mar. 1964	1964
19660091636	A new class of geodesic lens antennas for low-angle radiation	1964
19660091640	Valve engineering applied to systems analysis- an annotated bibliography	1964
19660091645	Optimization of electrical power systems and remote watt-hour-meter reading an annotated bibliography	1964
19660091647	Research on high temperature thermally stable greases quarterly progress report, aug. 1 - nov. 1, 1964	1964
19660091648	Investigation of phase equilibrium relations in ternary and higher order systems of transition metals progress report, 1 jan. - 15 sep. 1964	1964
19660091651	Calculation of the radiation pattern of a general parallel-plate waveguide aperture for the tem and te01 waveguide modes	1964
19660091652	Development of columbium base alloy first quarterly progress report, 15 may - 15 aug. 1964	1964
19660091654	Explosive metalworking	1964
19660091662	North atlantic teletype engineering study. volume i - summary and conclusions final report	1964
19660091664	Human fatigue in the use of x-ray film readers evaluation and annotated bibliography	1964
19660091667	Saturn v launch vehicle digital computer and data adapter prototype program monthly progress report, oct. 1964	1964
19660091672	Ground handling and storage of liquid hydrogen - an annotated bibliography	1964
19660091686	Studies of thermionic materials for space power applications informal monthly report, 1-30 sep. 1964	1964
19660091688	Studies of Thermionic Materials for Space Power Applications Informal Monthly Report, 1-31 Oct. 1964	1964
19660091727	Titan ii propulsion system flight performance summary	1964
19660091749	The effects of neutron induced transmutation impurities on the electrical properties of germanium and silicon final report	1964
19660091750	Attenuator program interim engineering progress report, 1 aug. - 1 nov. 1964	1964
19660091751	Apl geodetic satellite project /anna/ interim status report, oct. - dec. 1964	1964
19660091753	Digital computing in the mathematics department during fiscal year 1963	1964
19660091760	15-kw solar mechanical engine quarterly progress report no. 15, 1 jun. - 31 aug. 1964	1964
19660091776	Night vision program of the u. s. army mobility command	1964
19660091782	Radar attenuation studies progress report, jan. 1962 - jan. 1964	1964
19660091785	Polaris progress report for 1 january 1964 - 1 april 1964	1964
19660091786	Large rocket preliminary-design propulsion development fourth monthly report, mar. 1964	1964
19660091788	Analysis of pershing reentry body dynamics during separation from second stage	1964
19660091791	Model f-8e/fn/ airplanes flight test summary report, period ending 13 mar. 1964	1964
19660091793	Am115-d inlet model tests in the ling-temco- vought high-speed wind tunnel final data report	1964
19660091798	Reliability summary and summary data ylr87-aj-5 and ylr91-aj-5 rocket engines twenty-ninth monthly reliability report, 1-29 feb. 1964	1964
19660091799	Reliability summary and summary data ylr87-aj-5 and ylr91-aj-5 rocket engines thirteenth monthly reliability report, 1-31 mar. 1964	1964
19660091802	Titan ii n-33 re-entry vehicle and decoy ejection data analysis report	1964
19660091803	Study of diesel, gas turbine and nuclear 35 to 75 mw power plants operating in nike x environments	1964
19660091809	Detection under low light level conditions and surveillance final report	1964
19660091818	Amr test 526 data summary report	1964
19660091819	Amr test 158 data summary report	1964
19660091822	Identification, prediction and prevention of human error in missile and space systems	1964
19660091825	An investigation of the scheduling aspects of multiprogramming	1964
19660091835	Preferred parts - electrical msfc-ppd-600, volume 1	1964
19660091836	Solar reflector foaming technology seventh quarterly progress report, 1 may - 31 jul. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091838	Vtol transport program semiannual report, jan. - jun. 1964	1964
19660091845	Investigation of mark 10 turbopump failures - data analysis and evaluation, volume ii	1964
19660091846	Distributed satellite circumglobal communication technique study. volume ii - anti-jamming considerations final technical documentary report	1964
19660091847	Weapon system 133a - stage i minuteman production motors, production support supplement program progress report, 1 apr. - 30 jun. 1964	1964
19660091848	Weapon system 133a - stage i minuteman production motors program progress report, 1 apr. - 30 jun. 1964	1964
19660091850	Contamination alleviation system design	1964
19660091854	Lid, slid and spot final report	1964
19660091855	Calibrated radar amplitudes for trailblazer iif	1964
19660091856	Polaris power-plant development monthly technical progress report no. 7, feb. 1964	1964
19660091859	Research in conventional and unconventional fuels second quarterly report	1964
19660091875	Materials for potassium lubricated journal bearings monthly status report, oct. 22 - nov. 22, 1964	1964
19660091878	Heat transfer development program monthly status report, nov. 1-30, 1964	1964
19660091880	Summary and bibliography of aerospace corporation participation in program 631a	1964
19660091881	Welding technology annotated bibliography	1964
19660091882	A re-entry vehicle synthesis digital computer program	1964
19660091883	The synthesis and utilization of low molecular weight ozonides for air revitalization purposes quarterly progress report no. 5	1964
19660091887	Two-stage potassium test turbine monthly progress report, nov. 8 - dec. 8, 1964	1964
19660091888	Program 624a standard space launch vehicle staging dynamics analysis report, flight test plan ii	1964
19660091891	Some boolean representations of the propositional calculus	1964
19660091892	Materials for potassium lubricated journal bearings status report, jul. 22 - aug. 22, 1964	1964
19660091893	Materials for potassium lubricated journal bearings status report, nov. 22 - dec. 22, 1964	1964
19660091894	Materials for potassium lubbricated journal bearings status report, aug. 22 - sep. 22, 1964	1964
19660091897	Section 47 r&d cable staging connector assembly dynamic tests. section i - vibration test. section 2 - dynamic actuation test final test report	1964
19660091899	Extravehicular suit thermal and atmospheric control	1964
19660091900	Two-stage potassium test turbine monthly progress report, mar. 8 - apr. 8, 1964	1964
19660091903	Two-stage potassium test turbine monthly progress report, jun. 8 - jul. 8, 1964	1964
19660091905	Two-stage potassium test turbine monthly progress report, may 8- jun. 8, 1964	1964
19660091907	Two-stage potassium test turbine monthly progress report, aug. 8 - sep. 8, 1964	1964
19660091909	Heat transfer development program monthly status report, oct. 1-31, 1964	1964
19660091947	Materials for potassium lubricated journal bearings status report, apr. 22 - may 22, 1964	1964
19660091948	Development of thermal radiative surface coatings for nasa-lewis space simulation chamber monthly progress report, nov. 29 - dec. 29, 1964	1964
19660091952	The effect of high pressure on the conductivity of vapors monthly report no. 6, sep. 1-30, 1964	1964
19660091958	Defect annealing in irradiated semiconductors progress report no. 1, apr. 1 - sep. 30, 1964	1964
19660091959	The general principles of wave mechanics die allgemeinen prinzipien der wellenmechanik	1964
19660091976	Resources and planning for the future in economics	1964
19660091980	RCA Saturn Ground Computer System Preliminary Module Data Handbook	1964
19660091982	Rca saturn ground computer system preliminary instruction manual, vol. ib	1964
19660091983	Rca saturn ground computer system preliminary illustrated parts breakdown	1964
19660091984	Rca saturn ground computer system preliminary instruction manual, volume ia	1964
19660091995	Communication effectiveness in the submarine force, u. s. pacific fleet	1964
19660091996	S-band radar cross-section measurements, nolc missile	1964
19660091997	Telemetry antenna, cables and power splitter proof test report	1964
19660092001	Adaptive filter	1964
19660092003	Considerations in the design of an adaptive signal-detection and estimation system	1964
19660092004	Adaptive detection and classification of signals in noise	1964
19660092005	Practical applications for adaptive data-processing systems	1964
19660092006	Properties of real signals	1964
19660092007	Research and development on fluorine based oxidizers quarterly report, period ending 22 dec. 1964	1964
19660092008	Development of manufacturing processes for a lightweight heat transfer system interim engineering progress report, 1 aug. - 31 oct. 1964	1964
19660092009	Light polarizing properties of terrestrial backgrounds and painted surfaces	1964
19660092016	Investigation of advanced hybrid propellants	1964
19660092021	Hot gas secondary injection thrust vector control design criteria for solid propellant rocket motors technical documentary report, 1 dec. 1963 - 29 feb. 1964	1964
19660092023	High-modulus, high-strength reinforcements for structural composites, 1 november 1963 - 1 august 1964	1964
19660092024	Development of a digital computer program for the design of thrust vector control systems. volume ii - user's manual final report	1964
19660092025	Evaluation of some recent developments in liquid rocket propellants monthly letter report, feb. 1964	1964
19660092026	Solid propellant additives research final technical summary report, 11 nov. 1963 - 10 nov. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092028	Research in fluoro-nitro compounds summary report, 1 oct. 1963 - 30 sep. 1964	1964
19660092030	Development of an efficient solid propellant /hp2/ with minimum metal additives quarterly progress report no. 3, 1 jul. - 30 sep. 1964	1964
19660092035	Investigations of hydrides and combustion second quarterly report, 19 aug. - 18 nov. 1964	1964
19660092036	Lace/aces heat exchanger design and test site preparation technical documentary report, 14 jun. 1963 - 30 apr. 1964	1964
19660092037	Investigation of advanced hybrid propellants third quarterly progress report, 1 may - 31 jul. 1964	1964
19660092038	Synthesis of high-energy polymers and solid oxidizers quarterly report, 1 oct. - 31 dec. 1964	1964
19660092040	Advanced aerodynamic spike configurations first quarterly progress report, 1 jul. - 30 sep. 1964	1964
19660092041	Chemical research as related to advanced solid propellants, 1 april - 30 june 1964	1964
19660092043	Tatical probes used in naval missions for communications and weather reconnaissance	1964
19660092044	Synthesis of high-energy polymers and solid oxidizers quarterly report, 1 jul. - 30 sep. 1964	1964
19660092045	Synthesis of high-energy polymers and solid oxidizers quarterly report, 1 apr. - 30 jun. 1964	1964
19660092046	Rocket propulsion system reliability and man rating analysis first quarterly progress report, 6 jan. - 31 mar. 1964	1964
19660092047	Slurry fuel propellant research program for advanced navy applications second quarterly report, 1 jul. - 30 sep. 1964	1964
19660092048	Flight test evaluation of the uf-xs japanese stol seaplane final report	1964
19660092050	Rocket propulsion system reliability and man rating analysis second quarterly progress report, 1 apr. - 30 jun. 1964	1964
19660092051	Research on high energy oxidizers for advanced solid rocket propellants quarterly progress report, 1 oct. - 31 dec. 1964	1964
19660092054	Wing pivot designs and analysis for a supersonic transport. volume ii - airplane configuration	1964
19660092091	Multidisciplinary research in the space related physical, engineering, social and life sciences third semiannual progress report, 1 jun. - 30 nov. 1964	1964
19660092113	Pattern recognition and classification using adaptive linear neuron devices	1964
19660092114	Xc-142a vtol transport program monthly progress report, jan. 1964	1964
19660092120	Handbook of instructions for missile design. volume ii - missile and space technical facilities	1964
19660092121	Sterilization Handbook Final Report	1964
19660092136	Space Station System Simulation: Results of a 4-Man/30-Day Mission Simulation Program	1964
19660092150	Static test of nike zeus first-stage /booster/ motor 64	1964
19660092158	Amr test 227 data summary report	1964
19660092159	Amr test 104 data summary report	1964
19660092165	Strengthening mechanisms in wire products quarterly progress report, jun. 1 - sep. 1, 1964	1964
19660092180	Research on solid propellant combustion instability technical summary report, 1 jun. - 31 dec. 1963	1964
19660092181	An investigation of techniques and materials for reliable valves progress report, jan. - jun. 1964	1964
19660092183	Investigation of skin friction drag on practical construction surfaces for the supersonic transport technical documentary report, 1 apr. 1962 - 1 mar. 1964	1964
19660092184	Thick section fracture toughness final summary report, jul. 1, 1963 - jun. 30, 1964	1964
19660092185	Trends in aircraft maintenance requirements	1964
19660092186	Turbulent stagnation line heat transfer program, deck as 1704	1964
19660092189	Application of light and image intensification monthly technical engineering report, aug. 1 - 31, 1964	1964
19660092191	Psychological and psychophysiological effects of confinement in a high-pressure helium- oxygen-nitrogen atmosphere for 284 hours	1964
19660092192	An oscilloscope photograph scanner	1964
19660092194	Contamination control plan	1964
19660092195	Microwave spectra and dielectric properties of various azides quarterly report, 1 oct. 1963 - 1 jan. 1964	1964
19660092197	Whisker matrix bonding studies quarterly progress report, may 27 - aug. 27, 1964	1964
19660092199	A survey of infrared technology	1964
19660092202	Ground flotation trade study interim report	1964
19660092203	A direct determination of the crystal structure of 2,3,4,6-tetranitroaniline	1964
19660092204	Backward diodes as mixers at microwave frequencies second annual report	1964
19660092205	Impurities and imperfections in metals and alloy diamagnetism quarterly technical status report, 1 apr. - 30 jun. 1964	1964
19660092206	Kinetics of thermal and photochemical decomposition of some alkali metal azides quarterly technical status report, apr. 1 - jun. 30, 1964	1964
19660092207	Radioisotope propulsion technology bimonthly progress report, 29 jun. - 23 aug. 1964	1964
19660092208	Chloride stress corrosion susceptibility of high strength stainless steel titanium alloy and superalloy sheet. stress corrosion data summary technical documentary report, 1 apr. 1962 - 19 mar. 1964	1964
19660092209	A program for the calculation of the absorption coefficient and radiancy for a gaseous diatomic molecule /2 sigma - 2 sigma transition. cn violet system	1964
19660092210	Determination of mechanical and thermophysical properties of refractory metals	1964
19660092211	Vlf envelope timing experiment quarterly progress reports, 7 jun. - 28 oct. 1964	1964
19660092213	Microwave discharge cavities operating at 2450 mhz	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092215	Development of a digital computer program for the design of thrust vector control systems. volume iii - trajectory simulation final report	1964
19660092216	Fundamental investigation of molybdenum disulfide as a solid lubricant quarterly progress report no. 1, jul. 23 - oct. 22, 1964	1964
19660092217	High altitude nuclear detection studies incremental magnetic tape data logger	1964
19660092218	High temperature hydraulic fluids for supersonic transport aircraft technical documentary report, 15 oct. 1963 - 15 oct. 1964	1964
19660092221	Development of electrochemical techniques for the fabrication of micro ph and reference electrodes final report, oct. 1963 - aug. 1964	1964
19660092224	Fatigue properties of sst materials ninth monthly letter progress report, 1-30 jun. 1964	1964
19660092225	Extremely high frequency maser amplifier study program interim engineering report no. 9, 16 jun. - 15 sep. 1964	1964
19660092227	Electrical characteristics and radiation ef- fects of autonetics silcon thin-film insu- lated-gate field-effect transistors on sap- phire substrates	1964
19660092228	The development of ultra thin film preserva- tive compounds	1964
19660092230	Determination of mechanical and thermophys- ical properties of refractory metals quarterly progress report	1964
19660092232	Spectra of c sub 2 and c sub 3 in frozen gases at 4 deg k and 20 deg k	1964
19660092235	Research on noise in crossed field devices final report	1964
19660092236	Results of ablative testing of strained ht-1, nomex-carbon phenolic /x6101a/, /task 4.1 high performance/hardened materials-rest program/	1964
19660092237	Some microscopic techniques for determining the service history of synthetic fibers and assessing latent damage	1964
19660092239	An evaluation of the anti-corrosion effectiveness of various primer coatings	1964
19660092241	Comparison of 9293 and 9430 mc/s propagation data taken over long line-of-sight paths	1964
19660092242	Chemical spot test to differentiate between monel and copper-nickel alloys research and development phase report	1964
19660092243	Complex shapes by slip castings third interim progress report, 1 aug. - 1 nov. 1964	1964
19660092245	18 cm spectrum of oh	1964
19660092246	Flight evaluation of lear automatic flight control system with normal acceleration input final report	1964
19660092247	Flight evaluation of approach power compensator /apc/ in the a-3b airplane interim report no. 1, apr. - sep. 1964	1964
19660092248	General specification - handbooks and manuals	1964
19660092255	Strengthening mechanisms in wire products quarterly progress report, sep. 1 - nov. 30, 1964	1964
19660092258	Chemical milling of 304 stainless steel tubes	1964
19660092259	Saturn ground computer system. preliminary instruction manual. volume ii - diagrams	1964
19660092260	Addendum to Guidelines for a Procedure to Evaluate Alternate Program Plans for the National Space Program /dated June 15, 1964	1964
19660092273	Sst phase iia monthly technical progress letter report	1964
19660092278	Evaluation of ARC Proposed Configuration Changes to the Athena Vehicle to Provide Adequate Static Stability with the Amrad Payloads	1964
19660092285	Asset final structural design loads	1964
19660092300	Welding characteristics, exhibit "d" monthly progress report, 1 - 31 may 1964	1964
19660092302	Test report on minelco resistor type ms-4	1964
19660092303	Test report on spectrol variable resistors, type 55-4	1964
19660092304	Wing Box Fuel Containment. Fourth Quarterly Report, 1 Feb. - 30 Apr. 1964	1964
19660092310	Sst phase iia monthly technical progress letter report, nov. 1964	1964
19660092318	A nuclear electromagnetic pulse experimental facility /n/a/ final report	1964
19660092319	Cooling devices evaluation interim development report, jun. 24 - sep. 24, 1964	1964
19660092320	Nike-apache speedball ii /round nr. 55 sn 24/ 6 august 1964 meteorological data report	1964
19660092328	Guided missile detection and launch-phase phenomenology report bibliography	1964
19660092332	An investigation of the performance of jet engine fuels for supersonic transport aircraft quarterly technical report no. 9, feb. - apr. 1964	1964
19660092336	Qualification testing of three coupling assemblies	1964
19660092340	Group theory, geometrical structures and their interrelations final report, 1 jan. - 31 dec. 1964	1964
19660092341	Group theoretical properties and functions	1964
19660092342	Isotropic planes and laguerre geometry	1964
19660092343	The nonexistence of transitive extensions for the finite affine groups	1964
19660092344	Finite groups admitting a fixed-point-free automorphism of order 2p	1964
19660092345	A characterization of the symmetric group on 5 letters	1964
19660092347	On the characterization of groups by certain subgroup lattices	1964
19660092349	Finite triply transitive permutation groups with solvable stabilizers	1964
19660092350	Physiological problems relative to gas mixtures and abnormal pressure - a title bibliography	1964
19660092356	Remote control apparatus - an annotated bibliography	1964
19660092360	Dual radiometer assembly for project scanner monthly progress report no. 3, 1-31 aug. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092366	Switch, power, overcurrent relay, s/m final report	1964
19660092374	Pilot-induced oscillations - their cause and analysis	1964
19660092377	Nuclear power systems - a compilation of lmsc- generated reports	1964
19660092379	Sst phase iia monthly technical progress letter report, aug. 1964	1964
19660092382	Thrust vector control system - an annotated bibliography	1964
19660092397	A magneto gas dynamic power generation study second monthly status letter, 15 aug. - 15 sep. 1964	1964
19660092402	Laboratory exposure chambers for small animals - an annotated bibliography	1964
19660092405	Space effects on propulsion components	1964
19660092410	Location and exploitation of offshore deposits of oil, gas, and coal - an annotated bibliography	1964
19660092415	Beryllium fabrication - a compliation of lmsc-generated reports	1964
19660092439	Low energy electron diffraction study of the formation of tao/111/ on ta/110/	1964
19660092444	Evaluation study - c. p. clare type ba 6- transfer reed relay	1964
19660092448	Sst phase iia monthly technical progress letter report, aug. 1964	1964
19660092452	Sst phase iia monthly technical progress letter report, jun. 1964	1964
19660092465	Amr test 5844 data summary report	1964
19660092482	P-c board, nema g-10, nelco /new england laminates co., inc./ general purpose single sides, 2 oz. copper	1964
19660092486	Resistor, variable, wirewound, ten-turn, precision, g395822	1964
19660092490	Qualification test report on cts variable resistors, type 385	1964
19660092491	C. p. clare type ba 6-transfer reed relay	1964
19660092497	Qualification test report on cts variable resistors, type 180 pc	1964
19660092500	The isolation of two types of streptomycin- resistant mutants of escherichia coli ml 35 differing in constitutive enzymes	1964
19660092502	Evaluation of ec2158 epoxy-polyamide adhesive from minnesota mining and manufacturing, inc. test report	1964
19660092505	A proposed checkout philosophy and aerospace ground equipment implementation for the space guidance system	1964
19660092509	Satisfactory separation of airborne external stores, general design procedure for	1964
19660092517	Immersed plastics research quarterly extra mural progress report, 1 apr. - 30 jun. 1964	1964
19660092518	Man's function in military space systems - part i. general considerations	1964
19660092522	Calibration of spray systems c-123/mc-1, h-34/hidal, a-1h/fidal	1964
19660092523	Modularized vehicle simulation, titan iii propulsion system model	1964
19660092541	Tape recorder, type ix qualification final report	1964
19660092545	Sonic boom information for the president's advisory committee on supersonic transport	1964
19660092546	Reliability testing and burst testing of four coupling assemblies. fittings, tubing and hose, umbilical disconnect, gas, noc, 0-100 psig	1964
19660092555	Reliability cost/effectiveness. a pilot study final report	1964
19660092557	Semiannual report, december 1, 1963 - june 1, 1964	1964
19660092563	Basic engineering studies of techniques for acceleration of a particle to hypervelocity by an electrically heated propellant plasma status report, mar. 1 - sep. 1, 1964	1964
19660092575	Characteristics of plasma plume of solid-propellant motors containing cesium, potassium, and boron	1964
19660092577	Atlas/centaur launch vehicle study. phase iii - guidance and control monthly progress report, 1-30 oct. 1964	1964
19660092579	Neurosciences research program bulletins semiannual progress report, jan. 1 - jun. 30, 1964	1964
19660092580	A study of physiological mechanisms and inter-relations between systemic and regional blood volume, blood flow and electrolyte balance interim progress report, 1 jul. - 21 dec. 1964	1964
19660092581	Study of carrier gas freeze-drying at low pressures progress report no. 1, 1 jul. - 31 oct. 1964	1964
19660092583	Studies and investigations leading to the design of a radio direction finder system for the mf-hf-vhf range third quarterly report, 1 jan. - 31 mar. 1964	1964
19660092584	Study and resolve rocket engine installation problems relating to maneuvering satellite vehicles quarterly progress report no. 1, 12 nov. 1963 - 11 feb. 1964	1964
19660092585	Study of pressure losses in tubing and fittings quarterly progress report no. 2	1964
19660092586	Support concepts and requirements for manned space flight second quarterly technical progress report	1964
19660092590	Development of improved gasket material quarterly summary report no. 7, 1 sep. - 30 nov. 1964	1964
19660092591	Development of improved conversion coatings for aluminum alloys quarterly progress report, aug. - oct. 1964	1964
19660092594	Development of improved adhesives for use at cryogenic temperatures to 423 deg f quarterly progress report no. 3, jan. 1 - mar. 31, 1964	1964
19660092602	Saturn v lvd semiannual progress report, 1 oct. 1963 - 30 apr. 1964	1964
19660092605	Abundances of na, sc, cr, mn, fe, co, and cu /na-cu/ in 11 carbonaceous chondrites, mg in 26 ordinary chondrites, si in 34 individual chondrules, and na-cu in 61 individual chondrules /renazzo included/ quarterly progress report, period ending nov. 3	1964
19660092609	X-22a tri-service v/stol aircraft monthly progress report no. 23, 1-31 oct. 1964	1964
19660092617	Infrared spectra of the azide ion in various matrices quarterly report, 1 may - 31 jul. 1964	1964
19660092618	Improved delta quarterly technical progress report, jul. - sep. 1964	1964
19660092626	Investigation in the fabrication of silicon carbide pnnp switch interim engineering report no. 2, 1 aug. - 31 oct. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092629	Quantitative experimental analysis of brain structure semiannual status report, 31 mar. 1963 - 31 mar. 1964	1964
19660092630	Progress report, may - august 1964	1964
19660092631	C.v.d. research project rp3-58, electronography first annual report	1964
19660092635	Research study of new concepts to promote the failure of polymers by stress cracking quarterly progress report	1964
19660092638	Research on high temperature hydraulic fluids for supersonic transport aircraft seventh quarterly technical report, 1 mar. - 30 jun. 1964	1964
19660092640	Wind tunnel newsletter, december 1964	1964
19660092642	Geometry of Internal Spaces	1964
19660092644	Evaluation of ceramic cements for use with resistance strain gages	1964
19660092650	Fracture toughness and tear tests final summary report, jul. 1, 1963 - jun. 30, 1964	1964
19660092654	Radio receiver r-903/xe-2/ /prd third quarterly progress report, 1 aug. - 30 oct. 1964	1964
19660092655	Analysis of v-g-h records from a dc-4m aircraft in the vicinity of frontal systems and troughs	1964
19660092656	C.v.d. projects progress summary report, apr. - jul. 1964	1964
19660092657	RI10 rocket engine quarterly technical report, 1 oct. 1963 - 1 jan. 1964	1964
19660092659	Task status rept., 1 jan. - 30 jun. 1964	1964
19660092661	Bi-colour crt displays first annual report	1964
19660092675	Electromagnetic alkali metal pump research program monthly project status report, period ending, apr. 27, 1964	1964
19660092679	Study of an experimental generator of millimetre waves c.v.d. annual report	1964
19660092682	Low observable reentry vehicle program. ground handling and testing procedures, large-scale vehicle l5	1964
19660092683	Laminar separated flow within rejoining or reattaching boundary layers	1964
19660092684	Development of an analytical technique for predicting properties of composite materials first quarterly progress report, jul. 1 - oct. 1, 1964	1964
19660092688	Manufacturing technology for large monolithic fiberglass reinforced plastic rocket motor case interim engineering progress report, 1 aug. - 31 oct. 1964	1964
19660092690	Whisker matrix bonding studies quarterly progress report, aug. 27 - nov. 27, 1964	1964
19660092693	Thermally stable perfluorinated polymers technical documentary report, 1 mar. 1963 - 29 feb. 1964	1964
19660092694	Welding characteristics	1964
19660092695	The fo radical and high pressure reactions of n2f2 seventh quarterly report, 1 aug. - 1 nov. 1964	1964
19660092696	Factors controlling the strength of composite bodies /interphase facturing of composite bodies/ quarterly progress report, aug. 17 - nov. 17, 1964	1964
19660092699	Study and resolve rocket engine installation problems relating to maneuvering satellite vehicles quarterly progress report no. 2, 12 feb. - 11 may 1964	1964
19660092704	Sst handling characteristics during approach and landing flight regimes monthly progress report no. 9, 1-31 jul. 1964	1964
19660092705	Standard core critical performance weight error analysis and fluid load report	1964
19660092706	Fire protection research program for supersonic transport final report, dec. 1963 - aug. 1964	1964
19660092707	Delta semiannual technical progress report, may - october 1964	1964
19660092708	Development of lightweight thermal insulation materials for rigid shields quarterly report no. 1, jun. 25 - sep. 30, 1964	1964
19660092709	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at -423 deg f /-253 deg c/ fifth quarterly progress report, jun. 29 - sep. 30, 1964	1964
19660092710	Development of improved adhesives for use at cryogenic temperatures to -423 deg f quarterly report, oct. 1 - dec. 31, 1964	1964
19660092712	Epitaxial film growth interim engineering progress report no. 6, 10 dec. 1963 - 9 mar. 1964	1964
19660092713	Electronic test equipment agency program report	1964
19660092714	Feasibility program of radar reflectors /chaff/. ground handling and testing procedures chaff/athena /awsts-green river/	1964
19660092715	Continued studies of complex nitride-, carbide-, and boride systems third technical status report, jul. 1 - sep. 30, 1964	1964
19660092717	RI10 rocket engine monthly technical report, 1 nov. - 1 dec. 1964	1964
19660092721	High resolution screens, c.v.d. research project rp3-51 second annual report	1964
19660092722	High-temperature and fluid-resistant seal and sealant materials for the supersonic transport technical documentary report, 15 jul. 1963 - 15 sep. 1964	1964
19660092724	Program 624a quarterly reliability and quality assurance report. volume i - reliability	1964
19660092731	Pb20c autopilot - argus aircraft	1964
19660092734	Nasa Industrial Applications Study Bimonthly Report, 15 Jun. - 15 Aug. 1964	1964
19660092735	Nasa Industrial Applications Study Third Bimonthly Progress Report, 16 Oct. - 15 Dec. 1964	1964
19660092738	Research on very broadband t.w.t.'s c.v.d. annual report - nov. 1964	1964
19660092740	Delta monthly technical progress report	1964
19660092741	Design and development of microelectrode for the measurement of oxygen tension in tissue in situ final report, jul. 1, 1963 - jan. 31, 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092744	Supersonic transport propulsion system continued research and study of high temperature turbine and exhaust nozzle noise. volume ii - exhaust nozzle noise program final technical report, jun. 1963 - sep. 1964	1964
19660092745	Supplementary analysis and evaluation of analytic platform systems - fy 64 /appendix c/	1964
19660092746	Study and resolve rocket engine installation problems relating to maneuvering satellite vehicles quarterly progress report no. 3, 12 may - 11 aug. 1964	1964
19660092749	Projects and publications of the applied mathematics division semiannual report, jan. - jun. 1964	1964
19660092752	Interfacial interaction in composite structures quarterly progress report, aug. 12 - nov. 12, 1964	1964
19660092754	Intermittent creep and stability seventh progress report, 15 jan. - 15 jul. 1964	1964
19660092755	Infrared optical measurements semiannual technical report, jul. 1 - dec. 31, 1964	1964
19660092756	Investigation of charge transport and carrier generation in cds and other iv-vi compounds quarterly technical status report, 1 jul. - 30 sep. 1964	1964
19660092764	Hydrotest procedures evaluation final progress report, 1 may 1963 - 31 mar. 1964	1964
19660092783	Development of a supersonic transport aircraft engine, phase ii-a monthly progress and administrative report, for jun. 1964	1964
19660092786	Development of a supersonic transport aircraft engine, phase ii-a monthly progress report, for jul. 1964	1964
19660092787	Development of a supersonic transport aircraft engine, phase ii-a monthly progress report, for sep. 1964	1964
19660092801	Ionizing radiation effects on the eyes of personnel in nuclear-powered submarines	1964
19660092806	Component evaluation report	1964
19660092810	Backscatter observations of h. f. radio waves propagation technical report, 27 feb. - 7 mar. and 10 jul. - 25 jul. 1964	1964
19660092814	Evaluation of epoxyite 293-1 potting resin	1964
19660092818	Development of a supersonic transport aircraft engine, phase ii-a monthly progress report, 1-31 aug. 1964	1964
19660092826	Ad hoc working group on liquid propellant combustion instability	1964
19660092844	Studies of thermionic materials for space power applications informal monthly report, 1-30 apr. 1964	1964
19660092845	Studies of thermionic materials for space power applications informal monthly report, 1-30 jun. 1964	1964
19660092846	Studies of thermionic materials for space power applications informal monthly report, 1-31 jul. 1964	1964
19660092855	Evaluation of alternative mark-12 re-entry systems	1964
19660092859	National sonic boom study program. phase ii - structural response test	1964
19660092863	Nascom high frequency radio propagation predictions	1964
19660092867	Resistors, precision, fixed, film /style srn/, specification for	1964
19660092869	Oxidation of silicon in oxygen discharges annual report	1964
19660092870	Delta monthly technical progress report	1964
19660092873	The kinetics and mechanisms of the strengthening of maraging steels quarterly progress report, 1 jul. - 30 sep. 1964	1964
19660092878	Second metallized gelled propellants conference	1964
19660092879	Chemical and physical properties of alumizine	1964
19660092880	[No Title]	1964
19660092881	Mixing considerations for gelled propellants	1964
19660092882	Mixing of gelled propellants	1964
19660092883	Methods for the rheological characterization of heterogeneous-gelled propellants	1964
19660092884	Rheology of gelled metallized propellants	1964
19660092885	Rheology of heterogeneous propellants	1964
19660092886	The characterization of metallized gelled propellants	1964
19660092887	The measurement of the yield stress of gel structures	1964
19660092888	Propellant utilization outflow adherence	1964
19660092889	Thixotropic simulation pumping technology	1964
19660092890	Tank drainage for thixotropic propellants	1964
19660092891	The characteristics of gelled metallized propellants	1964
19660092892	Tank expulsion with gelled rocket propellants and simulants	1964
19660092893	Flowmeter performance evaluation using water, water gel and alumizine	1964
19660092894	Specific impulse of a metallized propellant	1964
19660092895	11.6 percent scale-model ducted silo test with engines using gelled metallized fuel	1964
19660092896	Metallized propellant combustion study	1964
19660092897	Monomethylhydrazine dispersions of Imh-2	1964
19660092898	[No Title]	1964
19660092899	The status of light metal hydrides propellant development at aerojet-general liquid rocket operations	1964
19660092900	Emulsions as media for the suspension of solids	1964
19660092901	The use of emulsions to provide slurried propellants	1964
19660092902	A metallized fuel for packaged liquid engines	1964
19660092908	Studies relating to the attainment of high lift-drag ratios at hypersonic speeds	1964
19660092913	High pressure rocket engine feasibility program quarterly progress report no. 12, 26 jun. - 25 sep. 1964	1964
19660092922	Application of light and image intensification monthly technical engineering report, 1-31 oct. 1964	1964
19660092923	Development of techniques for insulation wrappings of cryogenic containers fifth quarterly progress report, aug. - oct. 1964	1964
19660092926	Modular Maneuvering Unit Manned Simulation Program	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092950	Chemiluminescence research program final progress report	1964
19660092951	Chemiluminescence of tetrakis/dimethylamino/- ethylene in the presence of 1-octanol at 30 deg. c	1964
19660092955	Thermal analysis of selected snap-8 pressure measurement designs	1964
19660092958	Optical and infrared masers third semiannual status report, 1 jan. - 30 sep. 1964	1964
19660092963	Reaction kinetics for the oxidation of tetrakis/dimethylamino/ethylene in the presence of 1-octanol at 30 degrees c	1964
19660092970	Sert 3 /space electric rocket test/ - a summation of preliminary proposal effort	1964
19660092973	Performance constraint lines for glv ground monitoring	1964
19660092975	Evaluation study - ge co. type av, half size crystal can relay	1964
19660092977	Electromagnetic interference tests on athena c configuration	1964
19660092980	Design and development of improved watertight coaxial cable volume i final development report, 29 jun. 1962 - 30 mar. 1964	1964
19660092982	Manned space reconnaissance optical experiments	1964
19660092988	Blast and Fireball Comparison of Cryogenic and Hypergolic Propellants	1964
19660093011	Supersonic transport, phase ii-a engine development program monthly technical program report, jun. 1964	1964
19660093012	Supersonic transport, phase ii-a engine development program monthly technical program report, jul. 1964	1964
19660093013	Supersonic transport, phase ii-a engine development program monthly technical program report, aug. 1964	1964
19660093025	Basic data from h-34/hidal calibration trails 1963	1964
19660093028	Basic data from c-123/mc-1 calibration trails 1963	1964
19660093033	Capacitors, fixed, paper /or paper-plastic/ dielectric /hermetically sealed in metallic cases/ /style scpvo9/ final report	1964
19660093037	Feasibility of magnetic orbital shielding system	1964
19660093039	Relay qualification test data	1964
19660093048	The a-1h/fidal concept	1964
19660093080	"aerodynamic ground effect" and the development of the aerofoil boat "aerodynamische bodeneffekt" und die entwicklung des flugflachen-/aerofoil/ bootes	1964
19660093081	Feasibility of a tripropellant feed system	1964
19660093086	An alternate method of obtaining body attitude and imu gimbal angles in uvs	1964
19660093089	Bibliography on medical instrumentation	1964
19660093090	Crew transfer briefing	1964
19660093093	Crew safety estimation for gemini b during launch	1964
19660093097	Investigation of polyester resins for possible use as coating vehicles	1964
19660093106	Gemini Launch Vehicle Monthly Performance Report	1964
19660093111	Gemini Launch Vehicle Monthly Performance Report	1964
19660093121	Hybaline liquid rocket fuels	1964
19660093137	Radar bias errors caused by the troposphere	1964
19660093138	Satellite vs aircraft surveillance	1964
19660093139	The effect of limited surveillance area	1964
19660093140	Comparison of possible mol tracking filters	1964
19660093141	Manned tracking study progress report	1964
19660093142	Pretest Report for the Aerial Recovery Test of 2.745 and 20 Per Cent Scale Models of the Program 680A Hypersonic Sv-5 Vehicle with a Jc-130-B as the Recovering Vehicle in the Langley Full Scale Tunnel	1964
19660093145	Application of the weiner kalman filter to mol manned tracking	1964
19660093167	Mol vlf/ulf/elf experiment /s-1/	1964
19660093168	Electronic vulnerability of near-synchronous communication satellite system	1964
19660093169	Acquisition of synchronization for anti-jam communication systems. volume ii - analysis of existing synchronization acquisition procedures	1964
19660093176	Launch Vehicle No. 1 Flight Evaluation	1964
19660093248	Dust particle experiment for mariner c monthly technical progress report, feb. 1964	1964
19660093258	Study and improvement of the s-1 photoemissive surface fourth quarterly report no. 12, 1 feb. - 30 apr. 1964	1964
19660093269	Project squirt. start-to-stop-restart system progress report, 1 feb. - 30 apr. 1964	1964
19660093270	Development of a 1,500,000-lb-Thrust (Nominal Vacuum) Liquid Hydrogen/Liquid Oxygen Engine	1964
19660093287	Low observable reentry vehicle program detailed flight test and experimental plan. subscale test vehicle s-3	1964
19660093292	Nerva program informal progress letter no. 31, jan. - mar. 1964	1964
19660093304	Study of the mechanics of non-newtonian fluids third quarterly status report, period ending 26 mar. 1964	1964
19660093308	Comparative evaluation of to-46 transistor packages from five manufacturers	1964
19660093321	Correlation study of ma-408b detector diodes at c, s, and x-bands	1964
19660093325	Qualification test report 2n543	1964
19660093328	Evaluation of fairchild controls corp. pressure switch kg-1	1964
19660093331	Orbit transfer	1964
19660093333	Qualification of electronic chopper	1964
19660093334	Qualification tests of pdt relay /9060275/ test # e-179	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093336	Leak detection study for manned spacecraft	1964
19660093354	F-1 engine system monthly progress letter, period ending 31 jan. 1964	1964
19660093362	High performance reliable vlf component of the naval advanced communications system. part i - description of experimental fsk system. part ii - performance characterization	1964
19660093367	Sst phase 11a monthly technical progress letter report, 1-31 jul. 1964	1964
19660093370	Descaling heat treated stainless steel	1964
19660093371	Application of pure fluid components to missile control system	1964
19660093373	Low drag boundary layer suction experiments using a 33 deg swept 15 percent thick laminar suction wing with suction slots normal to the leading edge aerodynamic model and test report, may - jul. 1964	1964
19660093377	Sst phase iia monthly technical progress letter report no. 5, 1-30 nov. 1964	1964
19660093378	Sst phase iia monthly technical progress letter report	1964
19660093381	The effects of low frequency noise on man as related to the apollo space program	1964
19660093385	Sst phase iia monthly technical progress letter report	1964
19660093386	Secondary battery charge control - an annotated bibliography literature search, 1962-1964	1964
19660093392	Program 624a reliability/quality assurance/ maintainability quarterly status review	1964
19660093395	Organization of structured information for mechanized retrieval operations and some related efficiency considerations	1964
19660093409	Rotational life test and comparative evaluation of precision potentiometers from three manufacturers	1964
19660093413	Gravity gradient torques for a stellar oriented vehicle	1964
19660093414	A handbook for the operation and maintenance of a war games photographic-projection display system	1964
19660093416	Terminal guidance simulator study program image evaluation. volume ii - results of experiment	1964
19660093433	Proposal for an investigation of light hydrocarbon fuels with fluorine oxygen mixtures as rocket engine propellants	1964
19660093441	Oceanographic facilities of the royal hellenic navy	1964
19660093443	Throttling tests conducted with space technology laboratory, inc., throttling injectors technical memorandum, 13 feb. - 5 apr. 1963	1964
19660093446	Satellite digital data encoder /general electric model no. 125/	1964
19660093448	Research to determine the mechanisms controlling the brittle-ductile behavior of refractory cubic carbides progress report, 1 may - 31 aug. 1964	1964
19660093449	The effect of environmental exposures on mechanical properties of several foil gage refractory alloys and superalloys fifth quarterly progress report, 15 may - 15 aug. 1964	1964
19660093465	Life test, tantalum capacitors /reliability of 4 year old cap/	1964
19660093468	Evaluation of signetics hl ttl integrated logic circuitry	1964
19660093469	Qualification test for type 2n2222 semiconductor	1964
19660093471	Evaluation report of endevco model 2220 accelerometers	1964
19660093495	A survey of space study effects on chemical technology first quarterly progress report, 27 feb. - 27 may 1964	1964
19660093503	F-1 engine system monthly progress letter, period ending 30 apr. 1964	1964
19660093507	F-1 engine system monthly progress letter, period ending 31 dec. 1963	1964
19660093523	Impact prediction accuracy study	1964
19660093527	Model specification kiwi-b nozzle model rn-6	1964
19660093533	Atlas Launch Vehicle Flight Evaluation Report 250D	1964
19660093534	Study and development of image intensifiers /channel focused/ interim report no. 3, 1 sep. - 1 dec. 1964	1964
19660093539	Contrast considerations for evaluation of aerial photographic images	1964
19660093546	Nasa 396 inch diameter aluminum bulkhead progress report no. 19, period ending 29 feb. 1964	1964
19660093547	Nasa 396 inch diameter aluminum bulkhead progress report no. 18, period ending 31 jan. 1964	1964
19660093548	Nasa 396 inch diameter aluminum bulkhead progress report no. 17, period ending 31 dec. 1963	1964
19660093564	Manned mars/venus flyby mission preliminary study results status report, period ending 30 jul. 1964	1964
19660093586	A capacitor-rundown analog-to digital converter	1964
19660093595	Phase analysis and crystal structure studies on binary alloys of aluminum with transition metals quarterly technical status report, 1 apr. - 31 jul. 1964	1964
19660093602	Investigation of mechanism of action of bacterial toxin at cellular and subcellular levels final report, mar. 1963 - nov. 1964	1964
19660093609	Octahedral research satellite - mark ii for coldwelding experiments quarterly progress report, 1 jun. - 31 aug. 1964	1964
19660093612	Operations requirements handbook	1964
19660093616	Extended radiometric research program	1964
19660093620	[No Title]	1964
19660093621	The space radiation environment and associated hazards pertinent to the 706 program	1964
19660093626	A study of radiometric reconnaissance at microwave frequencies	1964
19660093628	Radar identification techniques	1964
19660093629	High energy upper stage study recommendation for propellant selection	1964
19660093630	Implications of terminal encounter conditions and required detection capability on acquisition and tracking seeker radar design	1964
19660093631	Observation of Rocket Exhaust Plume Study for Gemini Experiment No. 9	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093638	High energy upper stage investigation, volume i interim report	1964
19660093639	High energy upper stage investigation, volume ii interim report	1964
19660093660	Applications of hydrostatic air bearings to metrology	1964
19660093661	Ball bearing reliability program	1964
19660093672	Etching, Fluorocarbon Insulation Procedure	1964
19660093673	Capacitors, fixed, plastic dielectric /non-metallic case/ /style scim/, specification for	1964
19660093686	Aviation and cosmonautics no. 8 aviatsiya i kosmonavtika nr. 8	1964
19660093689	Application of heat and blast resistant coatings to electrical cables	1964
19660093690	Electromagnetic compatibility	1964
19660093691	Compound, printed circuit board, conformal coating, elastomeric	1964
19660093692	Gases, drying and preservation, cleanliness level and inspection	1964
19660093702	Environmental test report for the saturn system hughes diodes, type hmn 9002	1964
19660093712	Temperature measurement system	1964
19660093714	Evaluation of microdyne relay, model m2a200	1964
19660093717	Phase analysis and crystal structure studies on binary alloys of aluminum with transition metals quarterly technical status report, 1 apr. - 31 jul. 1964	1964
19660093736	Life test evaluation of the general electric company dhd-633 planar epitaxial diode	1964
19660093742	Qualification testing of three /3/ coupling assemblies	1964
19660093764	Evaluation and qualification of polycarbonate film capacitors	1964
19660093765	Testing of 180 allen-bradley resistors	1964
19660093775	General specification for semiconductor devices final report	1964
19660093777	Terminals, bifurcated and turret, swage type, terminals, bifurcated and turret, standoff, insulated, screw type, terminals, solder pot, swage type	1964
19660093778	Life test evaluation of general electric dhd - 603 switching diode	1964
19660093785	Connectors, electrical, miniature, coaxial, shielded, and unshielded, environment resistance type, general specification for	1964
19660093801	Data report of the meteorological rocket network firings. volume xix - march 1963 firings	1964
19660093820	Validation of the solutions of the variational equations as employed in a computer program designed for general purpose satellite tracking	1964
19660093821	Evaluation of ec2158 epoxy-polyamide adhesive from minnesota mining and manufacturing, inc.	1964
19660093826	Raypath attenuation codes	1964
19660093828	Design buckling criteria for cylinders and truncated cones of small semivertex angle in the low r/t and z parameter ranges	1964
19660093836	Switches, rotary, general specification for	1964
19660093841	Basic studies on vortex stabilized radiation sources for improved solar simulation fourth quarterly status report, 18 sep. - 13 dec. 1964	1964
19660093843	Electrolytic preparation of high dielectric thin films quarterly report, 27 dec. 1963 - 27 mar. 1964	1964
19660093870	Current sheath dynamics and magnetosonic oscillations in magnetoplasmas	1964
19660093872	A review of selected methods of machine manipulation of chemical structures final report	1964
19660093873	Intelligence - a definition and military implications	1964
19660093880	Analysis of wake behind fixed wing aircraft	1964
19660093882	Views and dimensions are included in naa procurement specification	1964
19660093883	Qualification approval testing of sspi type tn710 transistor per collins specification 210-0107	1964
19660093888	Supersensitive crystal video transponder set an/dpn-/xe-1/ quarterly progress report	1964
19660093890	Advanced storable propellant system	1964
19660093900	Total heat calorimeter qualification test report, aug. 12 - sep. 29, 1964	1964
19660093905	Investigation of catalytic ignition of oxygen/ hydrogen systems fifth monthly progress report, 1-30 nov. 1964	1964
19660093914	A comparison of the fracture-toughness properties of two motor case steels	1964
19660093917	Qualification test of pnp silicon transistor /2n 2185/ final report	1964
19660093918	Blast pressure effect on parachute during pad abort from gemini/mol	1964
19660093934	Semiconductor devices qualification tests, general specification, semiconductor, special type of switch	1964
19660093941	A study of results obtained on oblique ionospheric sounding circuits when using log periodic antennas for transmission versus those obtained when using conical monopole antennas	1964
19660093965	Temperature transducer, thermocouple	1964
19660093967	Evaluation of dearborn electronic laboratories, inc. polycarbonate capacitors type no. lp6403 ordnance drawing 10588005	1964
19660093969	Manufacturing research investigation. solder plated printed circuit boards final report	1964
19660093972	Supplement to annotated bibliography on thin film technology	1964
19660093973	The calculation of the percentiles of the beta distribution /pearson type 1/	1964
19660093976	Use of the bi-elliptic transfer to accomplish single rendezvous	1964
19660093981	Qualification test report for device, semiconductor	1964
19660093982	Evaluation of general electric cr-201 silicone varnish	1964
19660093989	Some long term orbit stability observations	1964
19660094003	Preliminary evaluation and comparison of double-emitter chopper transistors from two manufacturers	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660094006	Qualification test of fuel tank flexible metal hose assembly, douglas specification control number 1a69739-1, flexible metal hose manufacturing company p/n 10015-1	1964
19660094017	An empirical approach to estimating space program costs	1964
19660094026	Penetrant inspection method. finishes and surfact treatments, strain, and penetrants final report	1964
19660094070	Flexible circuits, wiring, and cable, design, construction, and inspection of, specification for	1964
19660094072	Valve, shut-off	1964
19660094092	Preliminary test report - ts 609a. blue scout 1 123a vehicle - flight test d-3	1964
19660094131	Reliability verification test procedure to verify buweps part number 1960916-9903c1	1964
19660094132	Qualification testing of lenticular readout device part no. sc12116	1964
19660094135	Designing for the space radiation environment	1964
19660094137	Resistor, variable techno-components corporation, northridge, california, manufacturer's type no. 129, series c98, eclipse-pioneer type no. 1834239-1	1964
19660094138	Transitron electronic corporation 2n-543 planar npn silicon transistor	1964
19660094148	Evaluation of general electric g-641 silicone insulgrease	1964
19660094154	Publications of the division of mechanical engineering and the national aeronautical establishment	1964
19660094170	Influence of imperfections on mechanism of buckling of shallow spherical shells final report, 1 dec. 1963 - 30 nov. 1964	1964
19660094204	Monthly letter progress report, july 1964	1964
19660094205	Supersonic combustion ramjet engine program monthly letter progress report, aug. 1964	1964
19660094206	Hypersonic ramjet program monthly letter progress report, sep. 1964	1964
19660094207	Supersonic combustion ramjet engine program monthly letter progress report, sep. 1964	1964
19660094209	Hypersonic ramjet program monthly letter progress report, aug. 1964	1964
19670000867	The value of geographic-geologic methods of studying the moon	1964
19670000868	Recent research on the problem of base pressure	1964
19670000869	National Space Research Commission, Spain	1964
19670000909	An achievement which will never be forgotten by mankind	1964
19670001431	Theoretical study of turbulent saline diffusion in a conduit in continuous service	1964
19670009944	An experimental investigation of supersonic turbulent slot injection	1964
19670013519	Results of short-time tensile tests of 9 Cr-1 Mo alloy bar	1964
19670013999	A study of the performance of an astronaut during ingress and egress maneuvers through airlocks and passageways Final phase I	1964
19670014637	Experimental investigation of ultrahigh vacuum adhesion as related to the lunar surface Quarterly progress report, 1 Jan. - 31 Mar. 1967	1964
19670016155	Development of an advanced Solar Energy Thermionic /SET/ generator Final progress report, 13 Aug. 1962 - 12 Aug. 1963	1964
19670016334	Emitter crystal structure study Final technical report	1964
19670017904	Performance and thermal response of the Gemini extravehicular space suit - Experiment I-b	1964
19670018676	Water recovery subsystem, development plan	1964
19670019454	Analytical methods for resistance jet design Supplementary report no. 1	1964
19670019841	Convergence and truncation error study in time series expansions	1964
19670020737	The comparative rates of isolated myocardial cells	1964
19670021817	Study of two-dimensional calculations of cratering Final report	1964
19670021877	TIROS attitude data encoder	1964
19670022604	Aerodynamic characteristics of a tailless fixed-wing supersonic transport configuration at Mach number 2.20	1964
19670022814	Aerodynamic characteristics of a tailless fixed-wing supersonic transport model at Mach numbers from 1.80 to 2.86	1964
19670022815	Aerodynamic characteristics of a three-engine supersonic transport model having a low- aspect-ratio variable-sweep warped wing	1964
19670026239	Conference on Design of Leak-Tight Separable Fluid Connectors, Volume I	1964
19670026240	Zero leakage effort for Saturn vehicles	1964
19670026241	Statistical evaluation of flare dimensions obtainable with current manufacturing processes	1964
19670026242	The problem of stating the tube connector problem	1964
19670026243	Five Regimes of Metal-to-Metal Sealing	1964
19670026244	Significant factors in the design and classification of separable tube connectors	1964
19670026245	Elastic displacements in the design of threaded tube connectors	1964
19670026246	Helium leak-tight seal functional analysis and development	1964
19670026247	Recent developments of instrumentation and measurement for evaluating separable tubing connector and manufacturing tooling	1964
19670026248	Laboratory leakage measurement techniques on separable connectors	1964
19670026249	Leakage measurement and evaluation	1964
19670026250	Acoustic radiation damage in materials	1964
19670026251	Optical observations of sealing phenomenon	1964
19670027391	The use of an oscilloscope for the measurement of SNR	1964
19670027870	Picture data systems analysis - lunar orbiter	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670028206	Development of an analytical technique for predicting properties of composite materials Annual summary progress report, Jul. 1, 1963 - Jun. 1, 1964	1964
19670028482	Reliability analyses and supporting data - Lunar orbiter	1964
19670029981	Oscillations in Two-phase Two-Component Flow	1964
19670030664	The impedance of a short dipole antenna in a magnetoplasma	1964
19670030764	Experiments with magnetohydrodynamically supported shock layers	1964
19670030803	SPU program review	1964
19670066801	Staging dynamics	1964
19670066975	Extend and expand research and development of fuel cell systems Fourth monthly progress report, Oct. 20 - Nov. 20, 1964	1964
19670066976	Extend and expand research and development effort on fuel cell systems First monthly progress report, Aug. 1964	1964
19670066977	Extend and Expand Research and Development of Fuel Cell Systems Second Monthly Progress Report, Sep. 1964	1964
19670066979	Extend and expand research and development of fuel cell systems Third monthly progress report, Sep. 20, - Oct. 20, 1964	1964
19670067024	Mark III turbopump assembly performance test results /U/	1964
19670067329	Sectored monopulse array	1964
19670067337	The measured statistical properties of wake turbulence behind hypervelocity spheres	1964
19670067338	The measured transition from laminar to turbulent flow and subsequent growth of turbulent wakes	1964
19670067339	Infrared temperature measurement of the laminar wake of a hypersonic sphere	1964
19670067340	The radar absorption effect caused by very thin plasma sheaths	1964
19670067341	Experimental determination of pressure, temperature and density in some laminar hypersonic near wakes	1964
19670067342	Penetration of structures by hypervelocity projectiles	1964
19670067344	A comparison of wake calculations behind a slender body /U/	1964
19670067426	Instruction and operating handbook, TIROS IX METEOROLOGICAL satellite system	1964
19670068258	NERVA Components Irradiation Program. Volume 4 - GTR Test 14	1964
19670068296	Saturn IB launch vehicle project development plan /U/	1964
19670068317	A digital program for simulation of nuclear-powered rocket engines	1964
19670068761	Rocket Exhaust Effects Analysis, Phase I	1964
19670068765	Factors relating to reliability achievement in Saturn vehicle SA-5, volume 1 Final report	1964
19670068766	Factors Relating to Reliability Achievement in Saturn Vehicle SA-5. Volume 2 - Letter Reports Final Report	1964
19670068949	Saturn SA-4 Technical Information Handbook, Volume II /U/	1964
19670068953	SA-5 Saturn Technical Information Handbook, Volume III /U/	1964
19670068962	SA-8 Saturn Vehicle Data Book /U/	1964
19670068964	SA-10 Saturn Vehicle Data Book /U/	1964
19670069027	Pure fluid hydrofoil control program. Feasibility study of hydrofoil jet flaps and all-movable hydrofoils actuated with reaction jets, part II	1964
19670069028	An experimental investigation of the steady and unsteady characteristics of a two- dimensional hydrofoil with jet flaps	1964
19670069328	Apollo Logistics Support System /ALSS/ PAYLOADS Interim report	1964
19670070143	Characterization of barrier materials and ignition systems for selectable-impulse motors /U/	1964
19670070508	A unified approach to aeroelastic analysis using influence coefficients	1964
19670071170	Single sideband quartz crystal units for VHF APPLICATIONS /metal enclosures/ Quarterly progress report, 1 Aug. - 31 Oct. 1966	1964
19670071567	Sound pressure levels in audiometric rooms	1964
19670071787	The effect of exposure time and target velocity upon dynamic visual acuity	1964
19670071888	Deep diving experiments at R.N.P.L. /MAY-OCTOBER, 1963/ and sea tesing /November-December, 1963/	1964
19670073378	Compilation of structural inflight heating data applicable to large launch vehicles. Volume II - Flight data correlation /sections 4 through 9, appendixes A and B/ /U/ Final report, 11 Mar. 1963 - 10 Mar. 1964	1964
19670073520	S-band Cassegrain Monopulse /SCM/ cone assembly Final report	1964
19670073838	Low-altitude, high-speed, visual acquisition of tactical and strategic ground targets. Part II - Laboratory studies 2 and 3	1964
19670073839	Low-altitude, high-speed, visual acquisition of tactical and strategic ground targets. Part I - Report of research procedures and preliminary laboratory findings	1964
19670073849	General problems associated with determining propellant and stage masses of space vehicles under prelaunch and flight conditions, book 2 Final report	1964
19670073859	Fracture toughness and subcritical flaw growth characteristics of Saturn SI-C TANKAGE materials	1964
19670073948	Optimization of multistage three-dimensional boost trajectories, Part II - Computer program Final report	1964
19670074026	A study of cartilage changes and aging. Part I - Electron microscopic studies of the age changes in articular cartilage	1964
19670074063	Optimization of multistage three-dimensional boost trajectories. Part I - Program formulation Final report	1964
19670074109	General Problems Associated with Determining Propellant and Stage Masses of Space Vehicles Under Prelaunch and Flight Conditions, Book 1 Final Report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074416	Preliminary Design of Mars-mission Earth Reentry Module Final Report, Jul. - Dec. 1963	1964
19670074513	Preliminary design of a Mars-mission Earth reentry module	1964
19670074647	APDAR /Advanced Polarization Diversity Autotrack Receiver/ Instruction Manual, Volume II	1964
19670074686	An experimental investigation of the effect of additives injected into the boundary layer of an underwater body	1964
19670074782	Digital computer programs for rocket nozzle design and analysis. Volume VII - Expansion-deflection /single expansion/ nozzle performance	1964
19670074893	A study of thermal resistance across aluminum joints in a high vacuum, model no. Saturn S-IVB April 1 - December 19 1963	1964
19670074968	Digital computer programs for rocket nozzle design and analysis. Volume VI - Expansion-deflection /single expansion/ nozzle design	1964
19670074975	Digital computer programs for rocket nozzle design and analysis. Volume I - General procedures, derivations, and computer techniques	1964
19670074976	Digital computer programs for rocket nozzle design and analysis. Volume II. Bell nozzle design	1964
19670075073	Systems study lunar reconnaissance probe SGC 410R-2 Final report, part II	1964
19670075103	Saturn instrument unit system integration and check-out Monthly progress report	1964
19670075593	Program ROE /Reflector Orbital Experiment/. Part V - Investigation of test programs for solar collector materials Technical report, Oct. 1963 - Aug. 1964	1964
19670076147	NASA inspection and review of lunar excursion module M-5 mockup	1964
19670076260	San Francisco international airport compatibility analysis, Boeing model 733-290 SST	1964
19670076263	Advanced orbital launch operations. Volume IX - Simulation model Final report	1964
19670076432	Report of the investigation of the behavior of protective doors under impact pressure loads	1964
19670076551	Advanced orbital launch operations. Volume V - Requirements Final report	1964
19670077681	Heat Transfer Tests at Mach 10 of a 0.09- Scale Model of the Apollo Command Module with Various Holes and Protuberances /U/	1964
19670077897	The effects of collisions on saturation behavior of the 1.15mu transition of Ne studied with He-Ne laser	1964
19670078562	Launch vehicle optimization, phase I Final report	1964
19670078625	Standard Initiator Test Procedure, Phase I /U/	1964
19670078852	Representation of Optical Transfer Function /O.T.F./ by orthonormalized functions	1964
19670079494	Saturn V/S-IVB high performance insulation study	1964
19670079572	Launch Complex 34, 37, 39, industrial facilities, reliability, research, and safety Technical progress report	1964
19670080061	Computing notes on the Saturn mission /SA-7/	1964
19670080622	Third semiannual progress report for the period 1 june - 30 november 1964	1964
19670080624	Journal bearing velocity profiles for small eccentricity and moderate modified reynolds numbers	1964
19670080647	High-speed counting of photomultiplier pulses final project report, 31 jul. - 30 sep. 1964	1964
19670080656	Preparation of preliminary supplement - writing guide for reliability requirements in msfc procurement specifications	1964
19670080681	Advanced passive communications lenticular satellite studies summary report - phase iii	1964
19670081003	A technique for recording a noise-free electrocardiogram from a chicken embryo still in its shell	1964
19670081013	Lunar and planetary programs analysis group letter report, feb. 16 - mar. 15, 1964	1964
19670081021	Design, Fabrication, and Testing of Pressurization and Propellant Feed Ducting Systems	1964
19670081698	Radiation Patterns of the Parkes 210 Ft. Paraboloid	1964
19670081785	High temperature thermocouple research and development program monthly progress report, 1 dec. - 1 jan. 1964	1964
19670081788	Experimental Studies in Ultraviolet Solid State Spectroscopy in the Spectral Region 3000 - 300 Angstrom Status Report, Jan. - Jun. 1964	1964
19670081799	Cavitation erosion phenomena status report, 1 apr. 1963 - 31 mar. 1964	1964
19670081865	Attitude handbook for the tiros ix meteorological satellite system	1964
19670082023	Some theoretical considerations arising in guidance analysis	1964
19670083112	Thermal conditioning and control subsystem - development plan, activity 145-195	1964
19670083432	Instrumentation subsystem development plan - activity 180	1964
19670083833	Electrical monitoring and control subsystem development plan activity 200	1964
19670083989	Volume ii - series vii solar energy thermionic converter development program final report	1964
19670084043	Neutron Star Models	1964
19670084111	Description and users manual for roll-pitch motion digital computer program	1964
19670084844	Balloon project progress report, may - oct. 1964	1964
19670085536	Echo ii data reduction and analysis. volume ii - post launch effort final report	1964
19670085585	Echo ii data reduction and analysis six months summary report	1964
19670085701	Echo ii data reduction and analysis. volume i - pre launch effort final report	1964
19670085709	A method for midcourse guidance optimization	1964
19670085774	Satellite motion for all inclinations around an oblate planet	1964
19670085917	Three Dimensional Trajectory Optimization Study. Part li - Computer Program and User's Manual	1964
19670086082	Organization research program, career orientations and perceptions of rewarded activity in a research organization	1964
19670086766	Proceedings of the Conference on Design of Leak-Tight Separable Fluid Connectors, Volume II	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670086767	Interaction of flange, gasket, and pipe	1964
19670086768	Development and application of separable fluid connectors for liquid-propellant rocket engines	1964
19670086769	Analysis of pressure energized seals	1964
19670086770	Design of static elastomeric seals for cryogenic temperatures	1964
19670086771	The development of a new cryogenic gasket for liquid oxygen service, part i	1964
19670086772	The development of a new cryogenic gasket for liquid oxygen service, part ii	1964
19670086773	Experimental Leakage Rate Experiments	1964
19670086774	A bolted flange joint incorporating a soft aluminum gasket	1964
19670086775	Bimetallic seal for advanced aerospace fluid systems	1964
19670086776	Design and Test of Marman "Conoseal" Joint	1964
19670087139	A progress report on radio telemetry from inside the body	1964
19670087291	Semiannual status report, march 1 - july 31, 1964	1964
19670087317	Four ferrite core magnetometers status report, 1 oct. 1963 - 31 mar. 1964	1964
19670087441	Investigation of the behavior of dielectric materials at high fields strengths in a high vacuum environment final report, 1 apr. 1963 - 30 jun. 1964	1964
19670087467	A physical criterion for metal ignition	1964
19670087470	The latin american press and the space race	1964
19670087569	Low frequency hydromagnetic waves in the magnetosphere	1964
19670087576	Determination of small quantities of h2o	1964
19670087628	Development and management of a computer- centered data base	1964
19670087629	Data for dynamic command	1964
19670087630	Data retrieval for project 4651-strategic air command control system /saccs/	1964
19670087631	Aids experience in managing data base operations	1964
19670087632	A computer-centered data base serving usaf personnel managers	1964
19670087633	Automated data management /adam/	1964
19670087634	Lucid	1964
19670087635	Adapting mass storage equipment for the handling of a data base	1964
19670087668	Development of macroscopic optical waveguide components progress report	1964
19670087669	On analytic continuation of a closed region solution to an open region	1964
19670087676	Qualification test of signetics integrated circuits	1964
19670087677	Crimp pin operation - effects of vibration on crimped joints final report	1964
19670087704	Electromagnetic interference test report, eagle signal time delay relay part no. ats75	1964
19670087721	Semiconductor devices, qualification tests, general specification	1964
19670087725	Qualification for military use, resistor, variable, wirewound, single turn, precision	1964
19670087727	Mol extravehicular space suit data book	1964
19670087729	Reliability verification test procedure to verify buweps p/n 1960916-9903c1	1964
19670087744	A preliminary analysis of the dod photo/ optical experiments aboard the gemini spacecraft	1964
19670087747	Qualification test of the san fernando electric company's west-cap ctm 223 vbj capacitor	1964
19670087750	Qualification test of the cornell-dubilier ctm 223 vbj capacitors	1964
19670087758	Temperature and Seal Test of Hermetically Sealed Wet Slug Tantalum Capacitors	1964
19670087762	Polaris power-plant development monthly technical progress report, jun. 1964	1964
19670087786	Bibliography on interference, radio	1964
19670087788	Bibliography on meteors and meteorites and their effect on spacecraft	1964
19670087794	Infrared maser interferometry for time and space resolution of electron density in high temperature plasmas	1964
19670087799	The dynamic response of reinforced concrete circular arches final report	1964
19670087800	Negative-grid tubes for phased arrays quarterly progress report, 1 oct. - 31 dec. 1964	1964
19670087801	Neutron activation as a means of analyzing metallic impurities found in used hydraulic fluids interim technical report	1964
19670087862	Manned mars landing and return mission study final technical summary	1964
19670087884	Water model test results	1964
19670087901	Noise sensitivity of microelectronic elements final report	1964
19670087921	Xc-142a vtol transport program monthly progress report	1964
19670087938	Report of test on connectors, parts no's 1211-305 and 1226-305a	1964
19670087939	Evaluation of dow corning corporation dc 340 silicone sealing compound	1964
19670087954	Transducer, linear acceleration	1964
19670087958	Manifold, hydraulic, assembly of propulsion parts and materials, solid fuel engines	1964
19670087979	Experimental performance evaluation of proposed fuel elements for the steam generating heavy water reactor	1964
19670087981	Preliminary notes on pendulous integrating gyroscopic accelerometer /piga/ field calibration	1964
19670087988	Aerospace operations course. missile and space propulsion study guide	1964
19670087998	Investigation of high temperature storage effect	1964
19670088024	F-1 engine system bimonthly progress letter, 1 oct. - 30 nov. 1964	1964
19670088028	Acoustic Noise Program. Launch Environment Measurements, Phase II	1964
19670088030	Demonstration of direct lift components, phase i quarterly report, 1 jun. - 30 sep. 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088032	Proof of principle scramjet system test	1964
19670088039	Computer Launch Environment. Final Report	1964
19670088073	Proper shock tube experiments ii - instrumentation monthly progress report	1964
19670088101	Standards for tape recorder track assignments at the space tracking and data acquisition network facilities	1964
19670088102	Liquid ammonia batteries monthly progress report	1964
19670088103	Travelling wave tube linearity annual report	1964
19670088104	General protuberance heat transfer test. volume 1 - langley data report final report	1964
19670088108	Phenomena of electroluminescence monthly letter report	1964
19670088110	Preliminary evaluation of four columbium base alloys for coating capabilities and mechanical properties at elevated temperatures. addendum 1 - structural brazing and aluminide coating	1964
19670088111	Preliminary lunar vehicle dynamics study	1964
19670088113	Typical radiation patterns. appendix b. phase 1 - telemetering antenna system final report	1964
19670088114	Design, fabrication, and delivery of water-cooled thrust chamber assemblies	1964
19670088115	An extension of arinc's maintainability prediction	1964
19670088116	Evaluation of high voltage rectifiers for magnetron modulators annual report	1964
19670088120	Comparison of laforce and otto cycle engines at low power	1964
19670088121	Worldwide collection and evaluation of earthquake data final report	1964
19670088123	Study of unpowered personal transmitter techniques research contract status no. 7, jun. 1 - jul. 1, 1964	1964
19670088124	Chemical equilibrium properties of ammonia- air combustion products technical report no. 1	1964
19670088125	Titan iii acoustic/vibration test program, phase i	1964
19670088126	Saturn S-IC Fin Aerodynamic Heating Test /P-70/ Final Data Release	1964
19670088146	Mariner c project development plan addendum 1	1964
19670088169	Fundamental research on advanced oxidizers quarterly technical report, jun. - aug. 1964	1964
19670088181	Telemetry test procedure standards for the performance evaluation of subcarrier oscillators	1964
19670088182	Dual Radiometer Assembly for Project Scanner Monthly Progress Report, Jul. 1-31, 1964	1964
19670088187	Dual radiometer assembly for project scanner monthly progress report, jun. 1-30, 1964	1964
19670088200	Milestone iv for Imagtom /75110 aa/	1964
19670088201	Quantitative analysis of solids by spark ion source mass spectrography	1964
19670088219	Results of a flat plate boundary layer transition experiment at mach 10. model - general	1964
19670088245	Fracture toughness of seam welded commercially pure titanium final report	1964
19670088261	Evaluation report of crl model 520 accelerometers	1964
19670088278	Application seminar for aerospace operations course, student handout	1964
19670088285	Flight summary report for athena flight 2-a002-a02	1964
19670088300	Analysis of torus spring assembly	1964
19670088317	Plaster of paris as a static and dynamic model testing material interim technical report	1964
19670088318	Raceway dynamic tests - sec. 1 - vibration test/sec. 2 - dynamic actuation test final test report	1964
19670088320	New processes and techniques x-20 /dyna-soar/ communications and tracking subsystem	1964
19670088333	Tentative procedures for measuring neutron flux by radioactivation techniques	1964
19670088336	Strength properties of reinforced plastic laminates at elevated temperatures /epoxy resin ersb-0111 and 181-a1100 glass fabric/	1964
19670088341	Space propulsion development system specification /rlia-3 engine/	1964
19670088364	Radar instrumentation for re-entry physics program monthly status report, 20 jul. - 20 aug. 1964	1964
19670088381	Multiplexing state of the art and future trends	1964
19670088437	Studies of electromagnetic compatibility of equipment and systems progress report, 1 aug. - 31 oct. 1964	1964
19670088452	Coupling assembly, quick disconnect. propulsion parts and materials, solid fuel engines final specification	1964
19670088457	Chatter analysis of medium-sized machine tools technical report, 1 sep. - 30 nov. 1964	1964
19670088512	Tx354 rocket motor number 1 test report	1964
19670088513	Castor ii rocket motor status letter, 9 feb. - 8 mar. 1964	1964
19670088514	Castor ii rocket motor status letter, 9 jan. - 8 feb. 1964	1964
19670088515	Castor ii rocket motor status letter, 8 dec. 1963 - 8 jan. 1964	1964
19670088518	Castor ii rocket motor status letter, 9 mar. - 8 apr. 1964	1964
19670088519	Preliminary investigations of a hypersonic conical inlet at mach 10	1964
19670088547	Lrc /75093 ab/ for flights 1169-1173 milestone v	1964
19670088550	Satellite control facility. design criteria - multipurpose feed for sixty-foot paraboloid antennas at 225-260, 375/400, 1700-1850, and 2200-2300 mc and nasa unified s-band /at 2100- 2120 and 2270-2300 mc/	1964
19670088578	Self-consistent blast wave parameters	1964
19670088605	Qualification test report - valve - 6 inch diameter ball rotor lox shutoff	1964
19670088640	Description of a computer program for the design and analysis of supersonic nozzles	1964
19670088643	Minimum variance orbit determination program quarterly status report, 22 jan. - 22 apr. 1964	1964
19670088653	Technology utilization review and analysis monthly progress report, 1 oct. - 1 nov. 1964	1964
19670088655	Prediction of position and velocity by means of kepler's equations	1964
19670088685	A note on the reduction of the specular return of re-entry vehicles	1964
19670088719	Radiographic inspection of electronic parts, standard for	1964
19670088722	Bsd/nxpo/ge inertial platform meeting, 25 november 1964	1964
19670088726	Gemini/titan iiic on-pad abort safety analysis	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088731	Actuator, Electro-mechanical, Final Specification	1964
19670088746	Components Irradiation Test No. 7 2n834 Transistors, 1n540 and 1n646 Diodes, S1n752a Zener Diodes	1964
19670088747	Dc Amplifier. Amplifiers-regulating, Voltage or Current D.c., 1-2 Watts	1964
19670088748	Screening Test for Mepco's Metal Film Resistors	1964
19670088749	Ductile-brittle transition in refractory metals progress report, 1 jun. - 30 sep. 1964	1964
19670088755	Chatter analysis of medium-sized machine tools technical report, 1 mar. - 31 may 1964	1964
19670088760	Evaluation of connecticut co. hard rubber 'tem-r-glas' a2005 insulation tape	1964
19670088808	Testing Compatibility of Materials in Liquid Oxygen Systems	1964
19670088816	Qualification tests of transition 1n3084 silicon rectifier	1964
19670088823	Qualification for military use, resistor variable, wirewound, single turn, precision	1964
19670088824	Qualification for military use, resistor, variable, wirewound, single turn, precision	1964
19670088834	Military relays. evaluation study of potter and brumfield series sc polarized relays under 30g vibration and 175g sustained acceleration	1964
19670088837	Evaluation of permacel et 3758 insulation tape	1964
19670088843	Converter, power, signal conditioner	1964
19670088854	Hybrid junction, radio command	1964
19670088865	Environmental tests on king fixed ceramic capacitors	1964
19670088871	Components Irradiation Test No. 2. Transistors, Diodes, Quartz Crystals, and 2500 Volt Power Supply	1964
19670088873	Valve Relief Final Specification	1964
19670088874	Polyurethane foam growth at one sixth gravity and in vacuum	1964
19670088875	Oak mfg. co. rotary switches, type "l" and "dl", qualification test extension	1964
19670088879	Oak mfg. co. rotary switches, type "mf", qualification test extension	1964
19670088880	Oak mfg. co. rotary switches, type "h" and "dh", qualification test extension	1964
19670088883	Missile n-26 translation system impact probability study	1964
19670088885	Missile n-32 translation system impact probability study	1964
19670088886	Application of a classification scheme to some ballistic missile defense problems	1964
19670088887	An accuracy analysis of ballistic missiles with maneuvering re-entry	1964
19670088889	Low-observable reentry vehicle program detailed flight test and experimental plan large-scale test vehicle I-2	1964
19670088892	Mark 11 re-entry vehicle cine data	1964
19670088893	Downrange optical observations report - nike-zeus k-24, tvx 32 nose cone	1964
19670088894	Preliminary investigation of fluctuation statistics of actual radar targets	1964
19670088895	Weighting analysis for spadats network sensors	1964
19670088910	Studies of a tv-equipped asm system - i - midcourse guidance	1964
19670088946	Octahedral research satellite - mark 11 for coldwelding experiments quarterly progress report, 1 sep. - 30 nov. 1964	1964
19670088949	Chatter analysis of medium-sized machine tools technical report, 1 jun. - 31 aug. 1964	1964
19670088950	Acquisition, analysis and presentation of trend data research document, 1 may - 25 oct. 1965	1964
19670088951	Performance of open ferroelectric ceramic cylinders in underwater transducers	1964
19670088955	The Optimum Design of Radio Telescope Structures, Vol. 1, Chapters 1-4	1964
19670088964	A study of the measurement of failure rates of certain aircraft components	1964
19670088967	Evaluation of the bendix portable hydrogen vapor detector set	1964
19670088972	Catalog manned space flight network miscellaneous documents	1964
19670088979	The Optimum Design of Radio Telescope, Volume 2 - Chapters 5-8, Appendices 1-3	1964
19670088987	A two-dimensional working section for the high-speed water tunnel at the california institute of technology	1964
19670089000	Lettering of Electrical Equipment Final Report	1964
19670089001	Rubber Stamping of Electrical Equipment and Components	1964
19670089046	Apollo Guidance and Navigation System Checkout, Maintenance, and Repair Manual, Volume I	1964
19670089061	SITE /C14-405/ programming instruction manual	1964
19670089064	RF command system maintenance and repair manual launch vehicle 12-51-1 - Little Joe II	1964
19670089065	Propulsion system maintenance and repair manual launch vehicle 12-51-1 - Little Joe II	1964
19670089066	Measurement system maintenance and repair manual launch vehicle 12-51-1 - Little Joe II	1964
19670089067	Apollo support equipment maintenance handbook, propulsion test fixture model V25-300 /part B17-400050/	1964
19670089068	A manual abort guidance procedure based on range and altitude measurements	1964
19670089069	Apollo support equipment maintenance, fuel cell radiator substitute unit, model A14-059 /part number G17-828020/	1964
19670089070	Apollo support equipment maintenance, inverter substitute unit, model A14-087 /part number G16-828440/	1964
19670089073	Ground support equipment drafting manual - outline and implementation plan	1964
19670089074	Data system final report, October 1963 - October 1964	1964
19670089078	Space Radiator Analysis and Design Computer Program Users Manual	1964
19670089081	Apollo Ground Support Equipment Operation and Service Instructions Fuel Cell and Cryogenic Storage System Heater Power Supply, Model A14-052, Part No. G17-820150	1964
19670089084	Apollo component checkout and repair for launch escape system sequencer, /part no. B16-451502-101/ and escape tower electrical sequencer, /part no. V15-452550/ NASA support manual	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089085	Apollo ground support equipment operation and service instructions fuel cell and cryogenic storage system heater power supply model A14-052, part no. G17-820150 NASA support manual	1964
19670089087	Apollo guidance and navigation checkout, maintenance and repair manual - precision test fixture /NASA part number 1016910/	1964
19670089088	Apollo support equipment maintenance, launch escape tower substitute unit, model A14-001 /part number G16-820301-301/	1964
19670089089	Apollo spacecraft maintenance, boilerplate 22	1964
19670089090	Apollo support equipment maintenance handbook, fuel ready storage unit, model S14-058 /part number 2421500/ and oxidizer ready storage unit, model S14-059 /part number 2421600/	1964
19670089091	Apollo support equipment maintenance, oxidizer transfer and conditioning unit, model S14-002 /part number G14-848029/	1964
19670089094	Apollo support equipment maintenance, engine decontamination unit, model S14-070 /part number G17-848180/	1964
19670089095	Apollo operational test procedures for assembly, erection, system integrated systems checkout, boilerplate 13	1964
19670089096	Apollo Symbology Handbook /draft/	1964
19670089099	Airframe maintenance and repair manual, Launch Vehicle 12-51-1 - Little Joe II	1964
19670089100	Airframe maintenance and repair manual, Launch Vehicle 12-50-2 - Little Joe II	1964
19670089102	Little Joe II Launch Vehicle Operations Manual Model Version 12-51-1	1964
19670089106	Little Joe II - Airframe transportation and handling manual, launch vehicle 12-51-1	1964
19670089108	Little Joe II - Electrical distribution system maintenance and repair manual launch vehicle 12-51-1	1964
19670089109	Little Joe II - Attitude control system maintenance and repair manual, launch vehicle 12-51-1	1964
19670089113	Pneumatic and vacuum servicing trailer maintenance and repair manual - Little Joe II	1964
19670089114	Launch vehicle console GSE manual launch vehicle 12-51-1 - Little Joe II	1964
19670089117	Apollo support equipment maintenance handbook - Helium booster unit model S14-022, part no. 897700 NASA support manual	1964
19670089121	Launch vehicle description manual, launch vehicle 12-50 - Little Joe II	1964
19670089125	Launch vehicle wire data manual, launch vehicle 12-50-2 - Little Joe II	1964
19670089126	Apollo guidance and navigation documentation handbook	1964
19670089128	AGC Test Set - Apollo Guidance and Navigation Connections Manual, Volume II	1964
19670089133	Launch Vehicle Description Manual, Launch Vehicle 12-51-1 - Little Joe II	1964
19670089134	Apollo support equipment maintenance: Launch Control Group, model C14-414 (Part No. G16-853950)	1964
19670089135	Apollo spacecraft description, boiler plate 16	1964
19670089139	Apollo Support Equipment Maintenance, Fuel Transfer and Conditioning Unit, Model S14-008 /part Number G14-848030/	1964
19670089147	Optics-inertial Test Set Checkout, Maintenance, and Repair Manual	1964
19670089148	Little Joe II launch vehicle, Apollo mission A-002 checkout manual	1964
19670089149	Little Joe II high launch vehicle, Apollo mission A-001 checkout manual	1964
19670089153	A preliminary study of a back-up manual navigation scheme	1964
19670089160	Apollo technical manual - Structural dynamics /vibrations, acoustics, explosion/	1964
19670089169	Apollo support equipment maintenance handbook. Helium transfer unit model S14-009, part no. 898800 NASA support manual	1964
19670089175	Apollo support equipment maintenance, oxidizer transfer and conditioning unit, model S14-002 /part no. G14-848029-101/	1964
19670089176	Acceptance checkout equipment-spacecraft, maintenance manual, volume 3	1964
19670089178	Apollo maintenance procedures for boilerplate 23 NASA support manual	1964
19670089179	Apollo support equipment maintenance command module substitute unit model A14-051, /part no. G16-820100/ NASA support manual	1964
19670089180	Apollo guidance and navigation system checkout, maintenance, and repair manual, volume i	1964
19670089181	Apollo ground support equipment operation and service instructions. Propulsion system fluid checkout unit model C14-075 /part no. G17-854300-201/ NASA support manual	1964
19670089185	Computer subsystem checkout, maintenance and repair manual, volume I	1964
19670089187	Apollo operation and test procedures for assembly, erection, system/integrated systems checkout, boilerplate 12	1964
19670089188	Apollo guidance and navigation system checkout, maintenance, and repair manual, volume II	1964
19670089189	Apollo guidance and navigation checkout, maintenance and repair manual - Functional tester /NASA part no. 1016949/	1964
19670089190	Apollo ground support equipment operation and service instructions fuel cell substitute unit, model A14-084, /part no. G17-820175/ NASA support manual	1964
19670089196	Acceptance checkout equipment-spacecraft - Digital interface test unit manual	1964
19670089197	Apollo Guidance and Navigation Checkout, Maintenance and Repair Manual. AGC CALIBRATION System	1964
19670089201	Apollo ground support equipment operation and service instructions initiators stimuli unit model C14-480, /part no. G16-850650/ NASA support manual	1964
19670089203	Apollo support equipment maintenance DC ground power distribution panel, model C14-481, part G16-852175 NASA support manual	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089207	Measurement System Maintenance and Repair Manual, Launch Vehicle 12-50-2 - Little Joe II	1964
19670089209	Launch Vehicle Console GSE Manual Launch Vehicle 12-50-2 - Little Joe II	1964
19670089210	Thrust termination system maintenance and repair manual, Launch vehicle 12-50-2 - Little Joe II	1964
19670089211	Propulsion System Maintenance and Repair Manual, Launch Vehicle 12-50-2 - Little Joe II	1964
19670089212	A manual LEM back-up guidance system	1964
19670089215	Little Joe II - Hydrogen-peroxide servicing trailer maintenance and repair manual	1964
19670089216	Little Joe II - Hydraulic test stand maintenance and repair manual	1964
19670089218	Apollo support equipment maintenance fuel transfer and conditioning unit, model S14-008, /part no. G14-848030-101/ NASA support manual	1964
19670089219	Apollo support equipment maintenance, mobile data recorder, model C14-089 /part number G16-850250	1964
19670089221	Apollo support equipment maintenance, flow rate calibration unit, model C14-427 /part number G16-854400/	1964
19670089224	Apollo support equipment maintenance service module reaction control system checkout and fire control console special test unit model C14-606, /part no. 617-820052-101/ NASA support manual	1964
19670089225	Apollo systems engineering manual, structural dynamics	1964
19670089226	Apollo associated test equipment checkout, maintenance, and repair manual, C/M system	1964
19670089234	Apollo maintenance procedures for boilerplate 26	1964
19670089240	Apollo spacecraft transportation and handling, boilerplate 23	1964
19670089241	Operator's manual, acceptance checkout equipment-spacecraft	1964
19670089243	Apollo description manual for airframe 001	1964
19670089244	Apollo description manual for boilerplate 26	1964
19670089245	Apollo spacecraft transportation and handling, boilerplate 26	1964
19670089247	Preliminary skeletal operations plan for Apollo	1964
19670089248	Apollo guidance and navigation checkout, maintenance and repair manual, map and data viewer tester /NASA part no. 1016948/	1964
19670089249	Apollo support equipment maintenance. Fuel cell and cryogenic system special test unit model C14-608 /part no. G16-820081/ NASA support manual	1964
19670089251	Little Joe II launch vehicle operations manual, version 12-50-2	1964
19670089253	Apollo support equipment maintenance, fuel cell support, special test unit, model C14- 601 /part number G16-820082/	1964
19670089254	Apollo support equipment maintenance test conductor's console special test unit, model C14-613, part no. G16-820085	1964
19670089257	Acceptance checkout equipment-spacecraft ground stations no. 1 and no. 2 installed at North American Aviation, Downey, California - Maintenance manual, volume 1	1964
19670089259	AGC Test Set: Checkout, Maintenance and Repair Manual. Revision B	1964
19670089260	Computer subsystem checkout, maintenance and repair manual, volume II	1964
19670089263	Apollo guidance and navigation checkout, maintenance and repair manual. Optical subsystem /optical unit/	1964
19670089269	Apollo Guidance and Navigation Equipment Familiarization Manual - C/M System	1964
19670089271	Little Joe II - Launch vehicle wire data manual launch vehicle 12-51-1	1964
19670089273	Project Apollo Guidance and Navigation System Checkout, Maintenance and Repair Manual - Miscellaneous Optical Subsystem Test Equipment	1964
19670089274	Checkout, maintenance, and repair manual, optics-inertial test set volume I	1964
19670089275	Apollo guidance and navigation system checkout, maintenance, and repair manual, C/M system	1964
19670089276	Apollo command module guidance and navigation system, block I - Associated test equipment checkout, maintenance, and repair manual	1964
19670089279	Apollo documentation administration instruction	1964
19670089312	Control programmer	1964
19670089316	Sensor, Gas Velocity	1964
19670089566	The working group on extraterrestrial resources	1964
19670089567	Report of the environment and resources subgroup	1964
19670089568	Report of the logistics requirements subgroup	1964
19670089569	Report of the mining and processing subgroup	1964
19670089570	Report of the biotechnology subgroup	1964
19670089571	Plans for 1965	1964
19670089572	Determination of compositional differences on the lunar surface using ground-based infrared spectroscopy	1964
19670089573	Bio-astronautics aspects of soviet research	1964
19670089574	Construction on the moon. do the soviets have a plan /ques/	1964
19670089575	Early mission experiments and lunar resources exploration	1964
19670089576	Serpentine as a source of water on the moon - thermodynamics and kinetics of dehydration and effects of particle size and chemical composition	1964
19670089577	Removal of oxygen from oxides by fused salt electrolysis in a vacuum	1964
19670089578	Stability metastability relationships of hydrous minerals and their importance in designing facilities for the extraction of water from lunar rocks and minerals	1964
19670089579	Arnold engineering and development center lubrication programs	1964
19670089580	A preliminary system concept for extraterrestrial mining and processing equipment	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089581	The application of surface mobility to lunar mining operations	1964
19670089582	Feasibility of liquid hydrogen production on the lunar surface	1964
19670089583	Requirements for on-site manufacture of propellant oxygen from lunar raw materials	1964
19670089584	Some uses for planetoid resources	1964
19670089585	A methodology for an economic analysis of transport and manufacture strategies for the resupply of lunar base resources	1964
19670089586	Lunar base mission crew nutrition subsystems optimization	1964
19670089587	The ecological complex in extraterrestrial bases	1964
19670089588	Space vehicle atmosphere control systems, state-of-the-art summary	1964
19670089589	Waste water recovery in extraterrestrial environments	1964
19670089590	Applications of the constant volume hard pressure suit to future space programs	1964
19670089594	Effectiveness of training procedures for low-altitude target acquisition and recognition	1964
19670089630	Reentry environment and systems technology /rest/. volume ii - appendixes semiannual progress report, 1 jul. - 31 dec. 1963	1964
19670089635	Propellant droplet study under combustion conditions quarterly status report, 1 aug. - 6 nov. 1964	1964
19670089647	Investigations relative to wind-induced oscillations of the saturn boosters in the vertical launch position /1 june 1963 thru 30 june 1964/. part ii - computer programs for predicting the wind-induced oscillations of launch vehicles	1964
19670089736	Minuteman amr field test report - ftm 436- flight test	1964
19670089737	Minuteman amr field test report - ftm 448 - flight test	1964
19670089738	An investigation of ultraviolet surveillance techniques final report	1964
19670089739	Transportation vibration and functional tests of the mod ii decoy ejection mechanism	1964
19670089740	Nike x - sprint ground support equipment developmental studies	1964
19670089744	Rca 110 computer module tester manual, revision i	1964
19670089748	Surveyor program support plan 3400, revision 1	1964
19670089751	Two-dimensional iterative logic	1964
19670089753	Dynamic environment of tda mounted equipment and bracketry for inclusion in the iscd-2 interface document	1964
19670089778	Short-time elevated-temperature mechanical properties of 2219-t87 and 2219-t6 aluminum alloy	1964
19670089822	Properties of the weak interactions	1964
19670089824	Gemini agena target vehicle meteorite penetration study	1964
19670089830	Program 461 parts testing methods study report	1964
19670089846	Drag makeup control system for low-altitude satellites final report	1964
19670089851	Gemini program facilities master plan	1964
19670089892	Laminar flow control demonstration airplane system design analysis summary report	1964
19670089893	Post-flight determination of athena velocity package attitude from radar data	1964
19670089894	Research on the defect structure and diffusion in metal oxides and research on the behaviour of tantalum and tantalum base alloys at high temperatures final report, 1 oct. 1960 - 30 sep. 1964	1964
19670089900	Chatter analysis of medium-sized machine tools technical report, 1 dec. 1963 - 29 feb. 1964	1964
19670089929	Manned lifting re-entry vehicle study	1964
19670089931	A flight and attitude control system for an integrated guidance and control system technical operating report	1964
19670089941	Evaluation of special modulation techniques, volume iii, appendix b	1964
19670089957	Nike x conventional and nuclear steam power systems study. power systems, volume i	1964
19670089959	Nike x conventional and nuclear steam power systems study summary report	1964
19670089960	Minuteman amr field test report - ftm 438 - flight test	1964
19670089961	Minuteman amr field test report - ftm 447 - flight test	1964
19670089962	Flight test report, minuteman missile ftm 447	1964
19670089963	Crush fuze development program	1964
19670089965	Hypervelocity wake studies semiannual technical summary report	1964
19670089966	Studies in advanced penetration problems semiannual progress report, jun. 30 - dec. 31, 1963	1964
19670089984	Solid motor cost estimating relationship development technical operating report	1964
19670090027	Investigation of additives for reduction of wake radar signature semiannual progress report, jun. 30 - dec. 31, 1963	1964
19670090028	Wing ii demonstration and shakedown operation no. 1. big circle ftm 842 flight test report	1964
19670090038	Reentry environment and systems technology /rest/, volume 3--mark 6 mod 2 decoy semiannual progress report, 1 jul. - 31 dec. 1963	1964
19670090040	Downrange data report - lorv-8	1964
19670090041	System description report	1964
19670090042	Downrange data report afmtc #3303 titan missile n-25 /1 november 1963/	1964
19670090043	An adaptive filter for the design of ionospheric disturbance detectors	1964
19670090044	The performance of a typical icbm in low- trajectory flight	1964
19670090045	Nike-zeus target vehicle decoy program correlation parameters for ablation of a truncated cone	1964
19670090046	Retrorocket exhaust plume effects on the minuteman mark 11 reentry vehicle	1964
19670090058	An analysis of blast-body encounters	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090073	Practical fuels for the cramjet - a compact ramjet for long-range tactical missiles	1964
19670090089	Large rocket preliminary-design propulsion development monthly report, apr. 1964	1964
19670090097	Fourth-stage scout rocket motor program semimonthly progress report no. 11, 16-31 oct. 1964	1964
19670090119	Structural operating limits slv-3 booster	1964
19670090140	Weapon system 133a	1964
19670090145	Ma-5 atlas flox	1964
19670090148	Phenolic refrasil performance on the rex ii reentry vehicle	1964
19670090158	Molab post manufacturing checkout study	1964
19670090187	Ground motion incident to launching of saturn sa-5	1964
19670090188	Propellant performance handbook. volume iv, part a - fluorine/ammonia	1964
19670090216	Propellant performance handbook. volume iii, part b - fluorine/ba-1014	1964
19670090225	Production engineering measure. section iii - quality and reliability procedures final engineering report	1964
19670090243	Propellant performance handbook. volume vi, part a. of2/b2h6	1964
19670090244	Propellant performance handbook. volume ii, part b. fluorine/hydrogen	1964
19670090245	Propellant performance handbook. volume vii, part a. n2o4/.50 n2h4 plus .50udmh	1964
19670090246	Propellant performance handbook. volume v, part b. oxygen/hydrogen	1964
19670090247	Propellant performance handbook. volume ii, part a. fluorine/hydrogen	1964
19670090248	Propellant performance handbook. volume vi, part b. of2/b2h6	1964
19670090249	Propellant performance handbook. volume v, part a. oxygen/hydrogen	1964
19670090254	Propellant performance handbook. volume iii, part a. fluorine/ba-1014	1964
19670090281	Mmu tether study results summary report, 15 oct. - 1 dec. 1964	1964
19670090284	A computational method for the water hammer problem	1964
19670090313	Gemini project manufacturing program plan, agena target vehicles and age	1964
19670090316	A method for eigenvalues and eigenfunctions for systems of linear differential equations with homogeneous boundary conditions	1964
19670090328	Propellant performance handbook. volume vii part b - n2o4/.50 n2h4 plus .50 udmh	1964
19670090349	Research, development, and evaluation program to demonstrate performance and reliability of thermionic diode converters for naval nuclear reactors semiannual report, 26 jun. - 31 dec. 1963	1964
19670090361	Transfer equation for a two-level atom in a scattering atmosphere. part i	1964
19670090401	Propellant performance handbook. volume iv, part b - fluorine/ammonia	1964
19670090403	Long term constant strain tests final report	1964
19670090404	Theoretical characteristics of arbitrary wings by a non-planar vortex lattice method	1964
19670090405	Test results from the boundary layer facility /noise radiated by the panel/, volume i	1964
19670090406	Test results from the boundary layer facility /panel response/, volume ii	1964
19670090422	Symposium on thermal radiation of solids. session v - applications	1964
19670090423	High temperature emittance	1964
19670090424	Areas of research on surfaces for thermal control	1964
19670090425	Emittance measurements of solids above 2000 deg c	1964
19670090426	An experimental determination of the absorptance of cryodeposited films using calorimetric techniques	1964
19670090427	Selective coatings for vacuum stable high temperature solar absorbers	1964
19670090428	The study of low solar absorptance coatings for a solar probe mission	1964
19670090429	Performance of solar reflectors when applied to the storage of cryogenic propellants in space	1964
19670090430	Effectiveness of solar radiation shields for thermal control of space vehicles subjected to large changes in solar energy	1964
19670090451	Infrared maser interferometry for time and space resolution of electron density in high temperature plasmas	1964
19670090454	Proposal for a center for the study of information processing final report	1964
19670090464	Operational evaluation drone television system	1964
19670090469	Autoradiography of irradiated nuclear fuels	1964
19670090473	Research on criteria for selection of alloys and surface treatments for inhibition of tungsten oxidation. ii - high temperature stability of tungsten oxide structures progress report no. 2, nov. 1, 1963 - jan. 24, 1964	1964
19670090509	Structural design loads u. s. army xv-5a lift fan research aircraft	1964
19670090518	Characteristics solution for nonequilibrium flow fields about axisymmetric bodies. volume ii - computer program	1964
19670090522	Saturn ib improvement study /solid first stage/ mid-term review	1964
19670090540	Derivation of the force-displacement properties of triangular and quadrilateral orthotropic plates in plane stress and bending	1964
19670090543	Electronic tubes as thermionic converters elektronische roehren als thermionische konverter	1964
19670090552	Reliability verification test procedure to verify buweps part no. 1960934-1 thru -4 connectors. electrical, mated pair, audio and power, captive	1964
19670090560	Body of revolution drag calculations	1964
19670090623	Liquid propellant test method	1964
19670090663	Telemetry equipment, pcm final report	1964
19670090671	Design requirements and proposal for army respirators	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090726	Analysis of longitudinal aerodynamic characteristics of the i0075 scale and the i03 scale supersonic transport model at mach numbers of .23 to 3.06	1964
19670090751	Mechanical life test of one 108-pole, double- throw toggle switch assembly	1964
19670090934	Recommended methods for sonic boom analysis during the phase ii-a sst program	1964
19670090959	Eccentricity iteration	1964
19670090960	Design criteria for the elastic stability of thin-walled cylindrical and conical shells under axial compression	1964
19670090966	On the energy dependence of neutron damage in silicon transistors	1964
19670090980	Investigation of spacecraft rocket installa- tion areas, vehicle heating final report, 1 may 1963 - 31 jul. 1964	1964
19670090983	Research to improve electrochemical catalysts quarterly progress report, 15 nov. 1963 - 15 feb. 1964	1964
19670090987	Pilot models for single- and multi-loop systems with random forcing functions	1964
19670090988	Gemini launch vehicle system safety hazard analysis	1964
19670090997	Multiple Thrust OK Pressure Switch Studies	1964
19670091003	Results of a flat plate boundary layer transition experiment at mach 8. model - general	1964
19670091013	Electro-interference test report of the serial tape recorder, part of the figure a 9186.6av	1964
19670091031	Production engineering measure for type fw-202 barrier grid storage tube quarterly progress report, 1 apr. - 30 jun. 1964	1964
19670091080	Supersonic transport, volume a-iii - aircraft description	1964
19670091100	Snap-50 spur program summary	1964
19670091103	Lunar survey mission	1964
19670091122	Snap-8 taa acceleration during startup for the reference system	1964
19670091134	Ceramic fiber optics final report, 31 mar. 1962 - 30 nov. 1964	1964
19670091135	[No Title]	1964
19670091157	Hypervelocity kill mechanisms program, volume ii semiannual technical progress report, period ending 30 sep. 1964	1964
19670091171	Complex 19 electrical load analysis	1964
19670091173	Environmental evaluation of five rotary switches	1964
19670091175	Environmental evaluation of twenty 2-pole 2-position rotary switches	1964
19670091195	Control jet effectiveness in the subsonic and transonic flight regimes	1964
19670091209	Heat transfer tests of a mc donnell 176 configuration	1964
19670091285	The effect of temperature on cycle dependent deformation	1964
19670091290	Visco-plastic solution of hypervelocity impact by low-density heterogeneous projectiles monthly progress report, 14 jul. - 13 aug. 1964	1964
19670091322	Improvement of fluid system mechanical joint technology with respect to zero leakage. volume iii - sm68-b tank manhole cover gasket improvement study final report	1964
19670091364	Proposal for a center for the study of information processing	1964
19670091426	Improvement of fluid system mechanical joint technology with respect to zero leakage. volume ii - investigation of con seal type flange joints final report	1964
19670091443	Magnetic field measurements based on cyclotron harmonic phenomena progress report, sep. 1964	1964
19670091456	Environmental evaluation of 25 one-pole, ten- position miniature rotary switches	1964
19670091459	Silver-zinc brazing alloy. final specifications	1964
19670091477	The flow of a lead-bismuth alloy through porous tungsten	1964
19670091516	Reliability verification test procedure to verify buweps pn 1960920-105003	1964
19670091529	Operation and service manual bench, ecs, pia high-pressure part no. 52e180011-1 for mac model 133p	1964
19670091530	Remote stop-restart solid motor tests	1964
19670091548	Magnetic field measurements based on cyclotron harmonic phenomena progress report, nov. 1964	1964
19670091549	Magnetic field measurements based on cyclotron harmonic phenomena progress report, oct. 1964	1964
19670091593	Thermal protection system for a cryogenic spacecraft propulsion module. project plan and schedule	1964
19670091631	Stellar inertial guidance studies. volume iii - comparative evaluation of gimballed versus strapped-down inertial system techniques for orbital navigation final report, period ending 31 mar. 1963	1964
19670091673	Pump, high pressure - vacuum	1964
19670091684	Qualification tests of vitramon vk30bx104k ceramic capacitors	1964
19670091723	Development test, time delay switch	1964
19670091777	Reliability and performance of the nike- hercules missile system	1964
19670091853	Tensile properties of shear-spun unalloyed tungsten	1964
19670091859	Manned interplanetary missions follow-on study final report, vol. 3 - condensed summary	1964
19670091866	Downrange data report afmtc no. 201 minuteman missile 437 /26 february 1964/	1964
19670091867	Downrange Data Report AFMTC No. 227 Titan Missile N-32 (26 February 1964)	1964
19670091869	Nike-zeus control fin aerodynamic heating	1964
19670091870	Downrange Data Report PMR Test "Happy Hollow" (Rex-III) Atlas Missile 232D (4 November 1963)	1964
19670091871	Downrange Data Report AFMTC No. 104 Titan Missile N-33 (23 March 1964)	1964
19670091872	Downrange Data Report AFMTC No. 150 (WAC-III) Atlas Missile 5E (25 February 1964)	1964
19670091873	[No Title]	1964
19670091874	The characteristics of unsymmetric skip trajectories	1964
19670091875	Downrange Data Report - Atlas Missile 5E with WAC-3 Nose Cone (AMR Test 150)	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091876	Radar modification design plan overland radar /modification of radar set an-aps-96/ final letter technical report	1964
19670091886	High pressure oxygen/hydrogen technology	1964
19670091887	Missile 397/6301 flight test report	1964
19670091888	Titan n-27. the optical re-entry signature of a painted mark 6 nose cone final report	1964
19670091889	Feasibility program of radar reflectors /chaff/. atlantic missile range flight test atlas 138f data and support requirements	1964
19670091891	Amdt phase ii vehicle analysis	1964
19670091895	Trajectory parameters for wac-3	1964
19670091897	Actual weight and balance report for atlas/ titan 1 decoy subsystem technical report, 1 jan. - 31 mar. 1964	1964
19670091898	Technical development plan for advanced storable liquid propellant rocket engine	1964
19670091899	Advanced development program technical development plan advanced pace /pace ii/	1964
19670091900	Feasibility program of radar reflectors /chaff/ data and support requirements. white sands missile range flight test program	1964
19670091911	Missile 389/1174 flight test report	1964
19670091912	Downrange data report afmtc 2293 titan n-27 /9 november 1963/	1964
19670091919	Propulsion system requirements for advanced maneuvering spacecraft	1964
19670091920	Detailed program plan for fourth-stage scout rocket motor program	1964
19670092011	Reliability verification test procedure to verify buweps part no. 1960342	1964
19670092012	Reliability verification test procedure to verify buweps part no. 1960348	1964
19670092041	Study of heat shield requirements for manned mars landing and return missions addendum to quarterly progress report, 9 dec. 1963 - 10 mar. 1964	1964
19670092043	Inertial guidance system program 624a- titan iii. reliability analysis and allocation report, revision b	1964
19670092045	Minuteman flight test report ftm-448	1964
19670092086	Qualification test on squibs s225do, lot hep-1-1	1964
19670092098	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/4 watt	1964
19670092118	Surveillance inspection test on resistor, variable, wirewound, multiturn, linear, 0.7 watts	1964
19670092130	Surveillance inspection test of resistor, fixed, metal film, precision, dipped, 1 watt	1964
19670092131	Surveillance inspection test of capacitors fixed, tantalum, solid, hermetically sealed, lead mount	1964
19670092133	Surveillance inspection test of resistors, fixed, metal film, precision, dipped	1964
19670092179	A computer program for conducting parametric studies of liquid injection thrust vector control systems	1964
19670092206	Program progress wing vi stage 1 minuteman research and development, weapon system 133b status report, 1 apr. - 30 jun. 1964	1964
19670092224	Analysis of bacr14bx, 50-watt, power wire wound resistor failure	1964
19670092231	Electrostatic discharger tests and analysis final report	1964
19670092276	Cavitation Damage in Liquid Metals Progress Report, 1 - 31 Oct. 1964	1964
19670092287	Joining of refractory metal foils quarterly progress report, 1 jan. - 31 mar. 1964	1964
19670092322	Investigation of q degradation of rf coils during 125 deg c storage	1964
19670092336	Qualification tests on r.f. cable, type rg-12a	1964
19670092355	Reliability verification test procedure to verify buweps p/n 1960921-04s006	1964
19670092363	Qualification of hitemp wires co. as a source for electrical wire and cable manufactured in accordance with the requirements of naa spec. mb 0150-008	1964
19670092381	To establish the environmental capabilities and performance characteristics of size 8 motor tachometer generators conditional to their use in inertial guidance equipment	1964
19670092412	Valve, Solenoid, Latching	1964
19670092414	Surveillance inspection test of resistor, fixed, wirewound, power, dipped, 7 watts	1964
19670092425	Reliability verification test procedure to verify buweps part number 1960907-0851	1964
19670092465	Minuteman orbital booster - project hydra launch	1964
19670092494	Aec-nasa space nuclear propulsion office nerva program informal progress letter no. 32, apr. - jun. 1964	1964
19670092495	Aec-nasa space nuclear propulsion office informal progress letter no. 33, jul. - sep. 1964	1964
19670092502	Noise suppressor equipment, operation and maintenance, xb-70a air vehicle	1964
19670092508	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped 1/4 watt	1964
19670092530	Evaluation of malco wire wrap connectors	1964
19670092544	Qualification and life test of current sensitive relays	1964
19670092554	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1964
19670092573	Surveillance inspection test of resistor, variable, wirewound, multiturn, linear, 0.7 watt	1964
19670092574	Surveillance inspection test of resistor variable, wirewound, multiturn linear, 0.7 watt	1964
19670092576	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1964
19670092586	Surveillance inspection test of resistor, fixed, wirewound, power, dipped, 5 watts	1964
19670092612	Polaris qualification test report of solid, tantalum capacitors by transistor electronics, inc.	1964
19670092616	Assembly, installation and servicing instructions for the windshield air gap filtering and drying system on the xb-70 air vehicle	1964
19670092625	Surveillance inspection test of resistor, fixed, composition, molded, 1/4 watt	1964
19670092631	Microelectronic device, dual inverter final specification	1964
19670092649	Seattle-tacoma international airport compatibility analysis boeing model 733-290 sst	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092665	Relays, life	1964
19670092676	Cavitation damage in liquid metals progress report, 1-31 jan. 1965	1964
19670092680	Cavitation damage in liquid metals progress report, 1-30 sep. 1964	1964
19670092681	Cavitation damage in liquid metals progress report 1-30 aug. 1964	1964
19670092682	Cavitation damage in liquid metals progress report, 1-30 nov. 1964	1964
19670092700	Investigation of sputtering effects on the moons surface quarterly status report, 25 jul. - 24 oct. 1964	1964
19670092723	Mariner mars 1969 mission specification	1964
19670092739	Qualification test report volume-4 capacitors, fixed, direct current, hermetic seal, metallic case polyethylene terephthalate dielectric	1964
19670092750	Xb-70a af 62-001 ground tests and operations	1964
19670092757	Airport compatibility studies - detroit metropolitan wayne county airport	1964
19670092759	Orbital storage of liquid propellants design report	1964
19670092770	Synthesis of improved coating additives, part i	1964
19670092772	Anchorage international airport compatibility analysis boeing model 733-290 sst	1964
19670092774	Microelectronic device, differential amplifier final specification report	1964
19670092782	To establish the environmental capabilities and performance characteristics of size 8 motor tachometer generators conditional to their use in the carousel inertial guidance equipment	1964
19670092783	Qualification test report number tqr-164 on waveguide and microwave plumbing	1964
19670092815	Surveillance inspection test of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1964
19670092816	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1 watts	1964
19670092820	Surveillance inspection test on capacitor, fixed, ceramic, molded, lead mount	1964
19670092823	Los angeles international airport compatibility analysis boeing model 733-290 sst	1964
19670092825	Qualification tests on capacitors, fixed, electrolytic /tantalum/ type 121d, military types cl32 and cl33	1964
19670092831	Influence of aeroelasticity on trim requirements of lockheed I-2000 supersonic transport	1964
19670092832	Honolulu international airport compatibility analysis boeing model 733-290 sst	1964
19670092833	Dulles international airport compatibility analysis boeing model 733-290 sst	1964
19670092835	Surveillance inspection test of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1964
19670092842	Surveillance inspection test of resistor, fixed, wirebound, power, dipped, 2 watts	1964
19670092855	Motor-tach-generator	1964
19670092856	Qualification of dyco transformer 7437577pi	1964
19670092881	Qualification tests on batteries dry, type ba-30 manufactured by union carbide canada limited	1964
19670092882	Environmental investigation of 2n 2907's and 2n 2904's	1964
19670092930	Qualification tests on tape, insulating, electrical, pressure sensitive type 535	1964
19670092937	Qualification test plan for fixed, wirebound resistors	1964
19670092961	Surveillance inspection test on capacitor, fixed, film, paper, hermetically sealed, lead mount	1964
19670092970	Surveillance inspection test of capacitor, fixed, ceramic, molded, lead mount	1964
19670092991	Equivalent circuits for diodes and transistors	1964
19670093015	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/8 watts	1964
19670093022	Surveillance inspection test on resistor, variable, wirewound, multiterm, linear, 0.7 watts	1964
19670093023	Surveillance inspection test of capacitor, fixed, ceramic, molded, lead mount	1964
19670093033	The design and analysis of transistor circuits on the recomp ii computer	1964
19670093043	Evaluation of the knoldweld joint on prototype ceramic terminal leads	1964
19670093053	Interagency chemical rocket propulsion group. working group on liquid propellant test methods	1964
19670093069	Manufacturer's model specification for the lockheed hercules extended range air search and rescue airplane fiscal year 1964 model hc-130h	1964
19670093084	Semiconductor diodes, general specifications for	1964
19670093091	Possible lunar construction techniques	1964
19670093105	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1964
19670093127	The joint national institutes of health- atomic energy comission zonal centrifugation project. i. the development of low-speed zonal rotors	1964
19670093142	Improvement of fluid system mechanical joint technology with respect to zero leakage. volume i investigation of bolted flange joints and pressure cap seals final report	1964
19670093144	Houston international airport compatibility analysis boeing model 733-290 sst	1964
19670093150	Neutron, alpha particle and neutron, proton reaction rates in p.f.r. cladding materials	1964
19670093162	To establish the environmental capabilities and performance characteristics of size 8 motor tachometer generators conditional to their use in inertial guidance equipment	1964
19670093168	Qualification of crystalonics epitaxial junction single diffused pnp product line	1964
19670093169	Comparison of 11 coatings for adhesion to gold/aluminum, and insulation resistance before and after humidity exposure	1964
19670093171	Environmental evaluation of 6 digital to binary 10-position rotary switches	1964
19670093179	Improvement of fluid system mechanical joint technology with respect to zero leakage. volume iv - sm-68b tank patch fastener study	1964
19670093180	Improvement of fluid system mechanical joint technology with respect to zero leakage. volume v - materials and component evaluation final report	1964
19670093184	Detonator, electric, safty, and arming device, destruct and thrust termination	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093185	Qualification test on detonators, d114g1 and d114g2, lot hep-1-1	1964
19670093217	The development of a low temperature vapor filled thermionic converter for nuclear applications quarterly technical report, 1 oct. - 31 dec. 1963	1964
19670093220	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1964
19670093221	Surveillance inspection test of capacitor, fixed	1964
19670093222	Qualification test results for sage elec. co., fixed wirewound power type resistor, type no. 240e	1964
19670093223	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1964
19670093230	Evaluation of unitrode ut-262, ut267, and ut-86-66/ut-262 rectifiers	1964
19670093253	Surveillance inspection test of capacitor, fixed, film, paper, hermetically sealed, lead mount	1964
19670093258	Surveillance inspection test of resistor, fixed, molded or dipped, 1/2 watt	1964
19670093261	Surveillance inspection test of capacitor, fixed, paper, hermetically sealed, lead mount	1964
19670093266	Surveillance inspection test of resistor, fixed carbon film, molded, 1/4 watts	1964
19670093267	Surveillance inspection test of capacitor, fixed, glass, lead mount	1964
19670093268	Surveillance inspection test of capacitor, fixed, glass, lead mounts	1964
19670093271	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1964
19670093275	Surveillance inspection test on resistor, fixed, composition, molded or dipped, 1/4 watt	1964
19670093278	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1964
19670093279	Portland international airport compatibility analysis boeing model 733-290 sst	1964
19670093317	Detection of brazing alloys prior to welding final specification	1964
19670093318	Qualification of amphenol electric r.f. probe connector 7734435p1	1964
19670093321	Qualification of leach, allied, ge and struthers-dunn dpdt 1/2 size relays	1964
19670093329	Surveillance inspection test of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1964
19670093330	Surveillance inspection test of capacitor, fixed, tantalum, solid, hermetically sealed	1964
19670093332	Surveillance inspection test of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount.	1964
19670093333	Reliability verification test procedure to verify buweps part number 1960903-04c001	1964
19670093343	Individual weapon system computer cost model	1964
19670093346	Qualification of crystalonics epitaxial junction single diffused chopper transistors type c9040 and c9041	1964
19670093382	Quality assurance manual policy and procedure aerospace products department. revision 1	1964
19670093395	Gemini Tube Fitting Evaluation	1964
19670093402	Studies pertinent to electromagnetic wave propagation factors for use in interference prediction final report, 1 apr. 1963 - 30 apr. 1964	1964
19670093424	The calculation of interference probabilities as an aid to the frequency assignment of complex electromagnetic environments year-end report 15 jun. 1962 - 3 apr. 1964	1964
19670093451	Electrical load analysis - cti ave power subsystem	1964
19670093481	Qualification testing of pyrofilm resistor co., type pt 60-d, 6.32 m ohms, fixed carbon film resistors	1964
19670093482	Qualification test results of marstan electronics corp. type maw-5 fixed, wirewound, precision resistors	1964
19670093494	Valve, solenoid, two-position, three-port	1964
19670093499	Surveillance inspection test of capacitor, fixed, ceramic, molded, lead mount	1964
19670093564	Surveillance inspection test of semiconductors, diodes, varactor, silicon	1964
19670093569	Surveillance inspection test on capacitor, fixed, ceramic, molded, lead mount	1964
19670093580	Qualification test results of mepco electronics corp., fixed, wirewound precision resistors, type m-60	1964
19670093581	Reliability verification test procedure to verify buweps part number 1960903-01s001 thru 01s007	1964
19670093589	Temperature cycling and humidity test of texas modules potting compound	1964
19670093594	Computer programs and analysis for flow fields about bodies in hypersonic flight-air in chemical equilibrium and frozen flow chemistry technical report no. 460	1964
19670093600	Supersonic transport impact on the commercial airplane market	1964
19670093603	Comparison test program of resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1964
19670093635	Capacitors, fixed, direct current hermetic seal, metallic case polyethylene terephthalate dielectric, volume 2 qualification test report	1964
19670093639	Reliability verification test procedure to verify buweps part number 1961251-02s001 through 1961251-025027	1964
19670093646	Qualification of dyco transformer 106b1509p1	1964
19670093653	Installation and adjustment of the xb-70a movable windshield assembly and mechanism	1964
19670093657	Pulse modulation control /pcm/ bit synchronizer evaluation	1964
19670093661	Computer codes for obtaining contours of nuclear ionization and local attenuation	1964
19670093679	RENE (Rocket Engine Nozzle Ejector)	1964
19670093696	Reliability verification test procedure to verify buweps part no. 1960922-05s007 thru -055020	1964
19670093703	Qualification tests on batteries, dry, type ba-1390/u	1964
19670093724	Reliability test r1-31b polyurethane foams for mark 21 mod 1 launcher	1964
19670093725	Environmental, shock and life test of 3pdt buweps 2017709 adjustable time delay relay	1964
19670093734	Miami international airport compatibility analysis boeing model 733-290 sst	1964
19670093742	Thirty-kilowatt plasmajet rocket-engine development third-year development program quarterly progress report, 1 dec. 1963 - 29 feb. 1964	1964
19670093749	Medium space vehicles programs monthly progress report, mar. 1964	1964
19670093750	Comsat program agena vehicle 6301 flight performance presentation	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093751	Atlas/agena performance improvement study /ranger/mariner software changes/	1964
19670093778	Airport compatibility studies portland international airport	1964
19670093807	Surveillance inspection test	1964
19670093842	Bag assembly, inflatable, flotation	1964
19670093846	Surveillance inspection test of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1964
19670093848	Study of advanced cryogenic insulation, 1 january to 31 december 1966	1964
19670093851	Procurement and evaluation of an anechoic chamber	1964
19670093861	Radiation equilibrium wall temperatures for thin wall thrust chambers	1964
19670093921	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped	1964
19670093925	Monthly letter reports no. 10 thru 30. november 1962 thru august 1964	1964
19670093941	Thermal analysis flight test data reduction for the model xb-70a air vehicle no. 1 flight no. 3	1964
19670093958	Control of the use of processing chemicals on xb-70 structures	1964
19670093963	Management of the human element in the physics of failure	1964
19670093969	Qualification of a. w. haydon microminiature time totalizing meters /similar to 7736476/	1964
19670093971	Cl604I and cl605I photocell report	1964
19670093981	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped 1/8 watt	1964
19670093983	Surveillance inspection test on capacitor, fixed, film, paper, hermetically sealed, lead mount	1964
19670093984	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/4 watt	1964
19670093985	Surveillance inspection test on capacitor, fixed, film paper, hermetically sealed, lead mount	1964
19670093988	Surveillance inspection test on resistor, fixed, metal film, precision, molded or dipped, 1/2 watt	1964
19670094018	Investigation of possible foreign particle contamination in continental device corp. glass diodes	1964
19670094027	Electrical patchboard connector	1964
19670094047	Proposal for measurement of nrx-a2 reactor and facility transfer functions by cross- correlation with pseudo-random binary input signals	1964
19670094052	New ablative coatings for missile protection	1964
19670094056	Qualification tests on batteries, dry type ba-412/u	1964
19670094066	Surveillance inspection test on resistor, fixed, metal film, precision 1/4 watt	1964
19670094075	Hall current accelerator quarterly progress report no. 1, 10 jun. - 31 aug. 1964	1964
19670094080	Surveillance inspection test on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1964
19670094094	Evaluation of continental device corp. in914 diodes	1964
19670094105	Surveillance inspection test of capacitor, fixed, ceramic, dipped, lead mount	1964
19670094108	Failure analysis of semiconductors	1964
19670094116	Surveillance inspection test on resistor, fixed, wirewound, power, ceramic, 10 watts	1964
19670094117	Surveillance inspection test on resistors, fixed, carbon film, molded, 1/4 watt	1964
19670094138	Qualification test report for capacitors fixed tantalum, solid electrolyte, non-polarized, 0.5 muf plus or minus 5 percent	1964
19670094164	Printed circuit board, moisture and temperature test of solder joints	1964
19670094169	Qualification tests on capacitors, fixed, electrolytic /tantalum/ type 120 d, military types cl30 and cl31	1964
19670094184	Surveillance inspection test on capacitor, fixed, film, lead mount	1964
19670094189	Use of epoxy resins in electronic circuitry fabrication	1964
19670094190	Qualification of dyco transformer 7738631p1	1964
19670094196	Surveillance inspection test of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1964
19670094211	Surveillance inspection of capacitor, fixed, tantalum, solid, hermetically sealed	1964
19670094213	Surveillance inspection test on resistor, fixed, composition, molded, 1/4 watt	1964
19670094234	Qualification of elgin micronics microminiature time totalizing meters /similar to 7736476/	1964
19670094240	Surveillance inspection test on capacitor, fixed, film paper, hermetically sealed, lead mount	1964
19670094242	Test of the type 7 anti-g suit as an anti-vibration device	1964
19670094244	Head-up display evaluation by limited flight simulation phase 2 - comparison of two targets, four markers, and four direction tracks	1964
19670094245	Sst exhaust nozzle boattail drag tests at subsonic and transonic conditions	1964
19670094246	Surveillance inspection test on resistor, fixed, metal film, precision, molded or dipped, 1/2 watt	1964
19670094252	Qualification test plan for fixed, wirewound resistors, lectroh, inc., type xta3a	1964
19670094258	Alternate Cure Cycle for Ma0106-040 Thermally Conductive Adhesive	1964
19670094263	Saturn S-II Stage Reliability Prediction Report	1964
19670094264	Connector, umbilical, video	1964
19670094270	J. f. kennedy international airport compatibility analysis boeing model 733-290 sst	1964
19670094281	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/4 watt	1964
19670094282	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/4 watt	1964
19670094336	Qualification Test of 25 Audio Frequency Transformers, Motorola Part No. 25-22875D01	1964
19670094373	Minuteman cork insulation development program	1964
19670094398	Surveillance inspection test on semiconductors, transistors, general purpose, silicon, npn	1964
19670094399	Surveillance inspection test on semiconductor, transistors, power, silicon, npn	1964
19670094403	Surveillance inspection test on capacitors, fixed, tantalum, solid, hermetically sealed, lead mount	1964
19670094407	Evaluation tests of nytronics deci-ductor fixed inductors report for 4 nov. - 5 dec. 1963	1964
19670094411	Transistor, planar, silicon, npn	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094423	Soviet astronautics - 1957-1963.33	1964
19670094431	Qualification tests shielded power cable, single conductor, an-8, type 1	1964
19670094464	Rotary switches manufactured by cinema and pobog	1964
19670094470	Component procurement specification for electrical high temperature flexible conduit xb-70a air vehicle	1964
19670094484	Development of operating techniques for ultramill	1964
19670094485	Surveillance inspection test of capacitor, fixed, ceramic, hermetically sealed, lead mount	1964
19670094492	Surveillance inspection test of capacitor, fixed, tantalum, wet, hermetically sealed, lead mount	1964
19670094502	Surveillance inspection test on relay, less than 1/2 amp, hermetically sealed, 1-30 vdc, chopper, spdt	1964
19670094521	Surveillance inspection test on resistor, fixed, composition, molded or dipped, 1/4 watt	1964
19670094528	Surveillance inspection test on semiconductors, diodes, general purpose, silicon	1964
19670094546	Surveillance inspection test of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1964
19670094552	Surveillance inspection test on resistor, fixed, composition, molded or dipped, 1/4 watt	1964
19670094553	Surveillance inspection test on resistor, fixed, composition, molded or dipped, 1/4 watt	1964
19670094594	Quality assurance manual. part vi - project quality plans. dual radiometer for project scanner	1964
19670094620	Mt-4 phase of missouri test program transmission demonstration	1964
19670094632	Surveillance inspection test of capacitor, fixed, film paper, hermetically sealed, lead mount	1964
19670094636	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/8 watt	1964
19670094642	Occp electromagnetic pulse analysis	1964
19670094664	Test procedure to verify buweps p/n 1960922-03s026 through -03s030	1964
19670094688	Evaluation of winchester km series of connectors for inscoe goodspeed program	1964
19670094691	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/4 watt	1964
19670094697	A computer program for discovering and proving sequential recognition rules for well-formed formulas defined by a backus normal form grammar	1964
19670094707	Qualification tests on shielded power cable, type an-14, type 1	1964
19670094751	Silver-palladium-manganese brazing alloy	1964
19670094769	Evaluation of teledyne 410 series relays	1964
19670094770	Preliminary test on 8 each of three inductance values of a micro-miniature rf coil - delevan series 1025	1964
19670094808	Analysis of the low frequency radio signal in the presence of the ambient and disturbed ionospheres	1964
19670094815	Technical evaluation of tacan beacon- transponder an/trn-17 supplemental report no. 2	1964
19670094821	Qualification test of 25 audio frequency transformers, motorola part no. 25-22910d01, supplied by u.t.c., pacific division	1964
19670094822	Bibliography electromagnetic phenomena with special reference to elf /1-3000 cps/	1964
19670094829	A practical one-shot high voltage power supply for electroexplosive devices	1964
19670094843	Thrust chamber pressure switch /tcps/ qualification	1964
19670094852	Surveillance inspection on resistor, fixed, metal film, precision, 1/4 watt	1964
19670094863	Report of test on rs-5-e-50 /mil-c-25516/17-3/ and pc-255-e-50 /mil-c-25516/20-20/	1964
19670094880	Reliability verification test procedure to verify buweps part number 1960906-04c1 and -04c2	1964
19670094900	Evaluation tests on switches, rotary, circuit- selector, type 21976-4mlr-1	1964
19670094908	Valve, check	1964
19670094911	Philadelphia international airport compati- bility analyses boeing model 733-290 sst	1964
19670094912	Friendship international airport compatibility analyses boeing model 733-290 sst	1964
19670094940	Research on high temperature protective coatings for graphite progress report, 1 sep. - 30 nov. 1964	1964
19670094941	Task a1-1, oxidation of iridium	1964
19670094942	Task a1-1, evaporation of iridium in the presence of oxygen	1964
19670094943	Task a2-1, volatility of refractory oxides in the presence of water vapor	1964
19670094944	Task a2-2 and a3-3, permeabilities of zirconium silicate and thoria to oxygen	1964
19670094945	Task b1-2, mechanical compatability of iridium with graphite	1964
19670094946	Task b2-1, chemical reactions of oxides with graphite	1964
19670094947	Task c1-1, chemical reaction of selected oxides with the barrier materials	1964
19670094948	Task d-1, the diffusion of carbon through carbides and borides	1964
19670094962	Head-up display evaluation by limited flight simulation, phase 3 - three range scales and the director track	1964
19670094965	Acoustics	1964
19670094966	Boiling flow instability semi-annual status report no. 5	1964
19670094969	Autonomous navigation study progress report no. 1	1964
19670095014	Surveillance inspection test on capacitor, fixed, film paper, hermetically sealed, lead mount	1964
19670095016	Surveillance inspection test on capacitor, fixed, film paper, hermetically sealed, lead mount	1964
19670095018	Surveillance inspection test on capacitor, fixed, film, paper, hermetically sealed, lead mount	1964
19670095019	Surveillance inspection test on resistor, fixed, metal film, precision, molded or dipped, 1/4 watt	1964
19670095020	Surveillance inspection test on resistor, fixed, composition, molded 1/4 watt	1964
19670095061	Surveillance inspection test on resistor, fixed, composition, molded, 1/4 watt	1964
19670095068	Reliability verification test procedure to verify buweps p/n 1960905-02c061 thru - 02c079	1964
19670095074	Test to in3891 spec. before and after environments	1964
19670095083	Capacitors, fixed, direct current hermetic seal, metallic case polyethylene terephthalate dielectric, volume 1 qualification test report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095102	Development of a rocket motor propellant charge and igniter for the shillelagh missile system progress report, 21 oct. 1963 - 20 jan. 1964	1964
19670095103	Study of magnetometer sensor techniques final report	1964
19670095107	Aerodynamic interference effects of parallel delta wings and cone-cylinder bodies in close proximity - pressure tests at mach numbers 5 and 10, heat transfer tests at mach number 10	1964
19670095108	Study of radioisotope-fueled brayton cycle electrical power system for the manned orbiting research laboratory, volume 2	1964
19670095117	Development of a rocket motor propellant charge and igniter for the shillelagh missile system progress report, 21 feb. - 21 mar. 1964	1964
19670095118	Rocket motor propellant charge and igniter and gas generator propellant charge and igniter for the shillelagh missile system	1964
19670095120	Development of a rocket motor propellant charge and igniter for the shillelagh missile system progress report, 21 apr. - 20 may 1964	1964
19670095129	Reliability verification test procedure to verify buweps part number 1960922-06s001	1964
19670095155	Development of a rocket motor propellant charge and igniter for the shillelagh missile system progress report, 21 may - 20 aug. 1964	1964
19670095156	Development of a rocket motor propellant charge and igniter for the shillelagh missile system progress report, 21 mar. - 20 apr. 1964	1964
19670095164	Reliability verification test procedure to verify buweps part no. 1960941-1501 through is04 by testing 1960941-1s01 and is04	1964
19670095198	Reliability verification test procedure to verify buweps part no. 1960908-02c1 through -02c13	1964
19670095200	Surveillance inspection test of resistor, fixed, composition, molded, 1/4 watt	1964
19670095222	Life test of gyromonitor lift motor	1964
19670095247	Index of applied research laboratory research reports, november 1953 to march 1964	1964
19670095254	Dynamic pressure distribution at the base of a rigid footing subjected to vibratory loads	1964
19670095259	An analogue recording system for recording pulse series	1964
19670095267	United states air force basic research program fiscal year 1963 - 1964	1964
19670095282	Reusable lunar ferry	1964
19670095301	Apollo Fuel Cell Powerplant Monthly Progress Report	1964
19670095314	Preliminary test of 5 cable assemblies as assembled by manufacturing, consisting of rg-9b/u and n series connectors, automatic metal products corp. pn 301n1800m	1964
19670095315	Escape system problems, 1 january 1959 - 30 june 1964	1964
19670095340	Magnetic field measurements based on cyclotron harmonic phenomena monthly progress report	1964
19670095343	Study of stereophotogrammetric systems for topographic mapping with very high altitude aerial photography	1964
19670095347	Capacitors, fixed, direct current, hermetic seal, metallic case polyethylene terephthalate dielectric - lmsc specification 1414135	1964
19670095350	Evaluation tests on batteries, storage, lead- acid, type hdd-25m	1964
19670095351	The effects of various heat treatments on the mechanical properties of qt-35 and hy-80 steels	1964
19670095354	Multicoder, high level	1964
19670095404	Burried dipole antenna evaluation test report lf and lcf antennas	1964
19670095418	Performance and Cost Analysis of Advanced Rocket and Airbreathing Launch Systems	1964
19670095432	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped	1964
19670095446	Qualification Test Report, American Gyro Pitch Over Controller, Model BB10A-1 P/N 25880	1964
19670095457	Surveillance inspection test on semiconductor diode, general purpose, silicon	1964
19670095480	A recomp ii computer program to find worst case resistance tolerances	1964
19670095494	Space station system simulation, results of a 4-man/30-day mission simulation program	1964
19670095498	Surveillance inspection test of resistors, fixed, metal film, precision, dipped, 1/2 watt	1964
19670095501	IRIG Standard Time Formats	1964
19670095549	A brief review of compressible laminar and turbulent boundary layer separation	1964
19670095635	Insulation Sleeving, Electrical, Flexible, Heat-Shrinkable, Polytetrafluoroethylene - Spec.for	1964
19670095665	Instrumentation accuracy and measurement precision for performance calculations of solid rocket motors	1964
19670095711	Studies of resistance to attack of constructional materials by gaseous impurities in the dragon coolant semiannual report, 1 sep. 1963 - 1 mar. 1964	1964
19670095722	Electronic component parts reliability coils, radio frequency test specification	1964
19670095773	Downrange data report afmtc no. 40 minuteman missile no. 443 /april 1964/	1964
19670095774	Downrange data report - minuteman missile with mark ii nose cone, pmr test 4453 /dark lady/	1964
19670095775	Trajectory parameters for wac-2	1964
19670095776	Feasibility program of radar reflectors /chaff/ detailed flight test plan amr atlas missile 138f	1964
19670095777	Downrange data report afmtc no. 575 /wac ii/ atlas missile 137f, 1 april 1964	1964
19670095781	Launch Report LV-2A/409 SS-01A/2315	1964
19670095782	Re-entry vehicle instrumentation program final calibration book	1964
19670095784	Analytical and experimental investigation of boundary layer transition and interference flow phenomena in hypersonic flow monthly progress report, 24 dec. 1963 - 25 jan. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095814	Visualization and demonstration of flow around a slender delta wing sichtbarmachung der stroemung an einem schlanken deltafluegel	1964
19670095816	Analysis of solid rocket motor extinguishment by liquid injection	1964
19670095835	Boston-logan international airport compatibility analysis boeing model 733-290 sst	1964
19670095837	5-kw hydrocarbon-air fuel cell system semi- annual technical summary report, 11 jun. 1963 - 1 feb. 1964	1964
19670095904	Group a inspection, environmental operating life	1964
19670096039	Collimated fiberglass tape for high strength structures	1964
19670096040	Lem utilization study progress review	1964
19670096054	Lockheed supersonic transport development	1964
19670096068	Numerical studies of hypersonic flow fields including the effects of finite-rate chemical reactions and boundary layer interaction	1964
19670096075	End Item Test Plan. Volume 2 - Little Joe II Launch Vehicle 12-15-1 Apollo Mission A-002	1964
19670096093	Neutron spectrum measurement for the northrop reactor	1964
19670096128	A magnetometer experiment for the advanced technological satellites numbers 2 and 3	1964
19670096131	Report of a symposium on atomic collision cascades in radiation damage	1964
19670096168	No title status reports, 1 aug. 1962 - 31 jul. 1964	1964
19670096172	A program for manned interplanetary exploration	1964
19670096174	Note on livermore-astron results /august 1964/ and electrostatic instability	1964
19670096195	On the unsteady flow phenomenon inside a partial admission turbine	1964
19670096205	The history and science of microseisms	1964
19670096207	Automatic linear analysis of arbitrary three-dimensional frames	1964
19670096213	Maximum seated height for safe through-the- canopy ejections in cf104 aircraft	1964
19670096229	Kauai diagnostic rocket trajectories for the starfish prime event	1964
19670096231	Oart program highlights	1964
19670096268	Experimentally induced avoidance behavior of paramecium caudatum semiannual progress report	1964
19670096271	Detailed description -- computer program for automated minimum weight structural design	1964
19670096273	Radiation transport committee report	1964
19670096324	A study on the role of radioactivity and hydrothermal processes in protobiochemistry monthly report, nov. 1964	1964
19670096339	Commercial supersonic transport program. vii- a - sonic boom and noise phase ii-a comprehensive report	1964
19670096373	Ultrasonic image	1964
19670096384	Ultrasonic imaging - a review of principals, sensors, potentials, and limitations	1964
19670096399	Group a inspection, environmental 600 mw operating life at 500 hours	1964
19670096401	Airport compatibility studies - o'hare international airport	1964
19670096405	Temperature effects on the high-frequency stability of a cylindrical, relativistic electron beam penetrating a plasma - ii	1964
19670096407	On the bunching of relativistic beams	1964
19670096409	Aviation and cosmonautics aviatsiya i kosmonavtika	1964
19670096444	Environmental 600 mw operating life /post 5000 hours/ 400 mw intermittent life /complete/	1964
19670096445	Group a inspection, environmental operating life at 800 mv	1964
19670096450	Temperature effects on the high-frequency stability of a cylindrical, relativistic electron beam penetrating a plasma - i	1964
19670096521	Substantiation of stf200 technology for cx-hls	1964
19670096527	The effect of reentry vehicle terminal maneuvers of interceptor capability	1964
19670096528	Structural vulnerability of missiles in boost phase to nuclear weapon effects	1964
19670096529	Orbital space station study, volume iii-10, appendices c thru h	1964
19670096530	Orbital space station study, volume iv, appendix c	1964
19670096533	Orbital space station study, volume iv-5, appendix c	1964
19670096537	Astrographic accuracy of trajectory reduction from airborne ballistic cameras	1964
19670096538	Microwave radiometer sensor study monthly progress report, 15 apr. - 14 may 1964	1964
19670096539	Penrad final report	1964
19670096540	Flight evaluation report, mark 6 decoy assembly flight test number 16, titan ii missile n-33	1964
19670096542	Detailed flight test plan for mark 6 decoy assembly - titan ii, lgm-25c-1	1964
19670096543	Detailed flight test plan for mark 6 decoy assembly - titan ii, lgm-25c-28	1964
19670096544	Summary of studies leading to the development of a laminar flow torpedo final report	1964
19670096559	A program to study varying solid propellant burning rates by means of sonic energy final report	1964
19670096561	Launch report, lv-2a/395 ss-01a/1604	1964
19670096562	Atlas space launch vehicle flight test evaluation report	1964
19670096563	Advanced air-breathing engines. volume i - analytical investigation	1964
19670096564	Flight evaluation report, mark 6 decoy assembly, flight test number 17 titan ii missile n-3a technical report	1964
19670096565	Down range data report afmtc number 37 minuteman missile 441 /31 march 1964/	1964
19670096573	Environmental test report for the saturn system, bourns variable resistor, types 3300p-1-500 and 3300p-1-203	1964
19670096575	Evaluation of the low embrittlement titanium cadmium /delta/ plating process as performed by the menasco, burbank facility	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096603	Supersonic transport status	1964
19680065428	Experimental laser space communications program. task 11 - experiment specification	1964
19680065448	Research programme on magnetoplasdynamic power generation final technical summary report, 1 apr. - 31 jul. 1964	1964
19680065617	A patrol of the lunar surface with a 24-inch reflector and image orthicon system semi- annual status report, 1 jun. - 30 nov. 1964	1964
19680065877	Magnetic properties of some macromolecules of biological interest quarterly progress report, 1 feb. - 1 may 1964	1964
19680066475	Report on the test and calculation of a tiros 3 five channel radiometer	1964
19680066499	Ksk antenna study final project report, 1 may - 15 nov. 1964	1964
19680066764	Advance research on control system for the saturn launch vehicle progress report, 1-31 jul. 1964	1964
19680067563	The scientific objectives of deep space investigations - comets	1964
19680067786	The scientific objectives of deep space investigations. interplanetary space beyond 1 au	1964
19680068116	Mariner Mars Atlas Space Launch Vehicle Information	1964
19680068371	Ranger 7 - a special report	1964
19680068465	Nine and one-half foot diameter master and mirror final report	1964
19680068584	Comparison of pressure rise in a hydrogen dewar for homogeneous normal-gravity quiescent, and zero-gravity conditions - flight 7	1964
19680068586	Performance characteristics of a 10 deg conical plug nozzle at mach numbers up to 1.29	1964
19680068661	Weightlessness experiments with liquid hydrogen in aerobee sounding rockets, nonuniform radiant heat addition-flight 4	1964
19680068673	Zero-gravity performance of ullage control surface with liquid hydrogen while subjected to unsymmetrical radiant heating	1964
19680068674	Large-scale low-speed wind-tunnel tests of a delta wing supersonic transport model with various canard, horizontal-tail, and wing modifications	1964
19680068676	Effect of Skewed Wing-tip Controls on a Variable-sweep Wing-fuselage Configuration at Mach Numbers of 1.41 and 2.20	1964
19680068680	Aerodynamic characteristics in pitch of several models of the apollo abort system from mach 1.57 to 2.16	1964
19680068681	Dynamic-stability Characteristics of Models of Proposed Apollo Configurations at Mach Numbers from 0.30 to 1.20	1964
19680068786	Effect of low density inert gas flush on oxygen-columbium reaction at 1500 deg f to 2000 deg f quarterly report	1964
19680069833	Prototype regenerable carbon dioxide removal system	1964
19680069920	Sufficient conditions for optimal control of convex processes	1964
19680069929	Minmax - a General Purpose Adaptive Iterator for Nonlinear Problems	1964
19680070047	Utilization of nasa-generated space technology by midwestern industry quarterly progress report, 1 feb. - 30 apr. 1964	1964
19680070048	Utilization of nasa-generated space technology by midwestern industry quarterly progress report, 1 may - 31 jul. 1964	1964
19680070049	Regional facility for transfer of aerospace information to industry quarterly status report, 1 may - 31 jul. 1964	1964
19680070050	Regional facility for transfer of aerospace information to industry quarterly status report, 1 aug. - 31 oct. 1964	1964
19680070052	Cast report, 1964 - an annual review	1964
19680070077	Aerospace research applications center quarterly report, 1 oct. - 31 dec. 1964	1964
19680070083	Utilization of nasa-generated space technology by midwestern industry quarterly progress report, 1 nov. 1963 - 31 jan. 1964	1964
19680070300	Radiation Belts and Physics of the Magnetosphere	1964
19680070444	The low temperature specific heat of an ethylene-glycol-water mixture	1964
19680070446	Thermal conductivity measurements of ethylene glycol performed for ltv astronautics division	1964
19680071227	Environmental dynamic and acoustic data report of the ranger 6 flight	1964
19680071696	Correlation of launch-vehicle wind tunnel aerodynamic noise with spacecraft flight vibration data	1964
19680071942	Flux switching in multipath codes final report	1964
19680071963	Presentation for nasa - industry pert computer conference	1964
19680072072	Eldo future program - preliminary study no. 3.1. performance and design of high energy upper stages for the eldo-b launching vehicle	1964
19680072694	Structural Analysis System Technical report, Feb. - Jul. 1963	1964
19680073497	Comparison of measured neutron and proton spectra with calculated spectra in the region between 50 and 160 MeV	1964
19680073502	Degradation of polyethylene terephthalate by gamma-radiation	1964
19680074422	Combined analytical and experimental approach for designing and evaluating structural systems for vibration environments	1964
19680074487	Analysis of complex structures subjected to random excitation	1964
19680074676	The design of large vibration fixtures - S-4 stage design development and qualification program	1964
19680074691	Mission-related design requirements for the LEM electrical power subsystem /U/	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075491	Pioneer program quality program plan	1964
19680075580	Pioneer spacecraft reliability analysis, no. 3	1964
19680075583	Pioneer program reliability program plan	1964
19680075610	Delta IMP D and E Lunar Orbit Mission Study Model DSV-3E	1964
19680076585	Operation and maintenance manual for magnetometer data processor	1964
19680076977	Delta range safety trajectory and aerodynamic data for the S-66 spacecraft mission, model number DSV-3B, volume 2	1964
19680076990	Strong magnetic focusing for electronographic image tubes	1964
19680077774	Study and development of a solid state viewing device for suppression of flash blindness and retinal burn during nuclear weapons bursts Final report	1964
19680078925	ARPA Propellant Contractor's Synthesis Conference, volume 1	1964
19680078926	Stability of ionic solid oxidizers	1964
19680078927	Electron densities in N-F and O-F molecules	1964
19680078928	Electron density in some simple NF ₂ - containing complexes	1964
19680078929	An infrared study of the complexes between difluoramine and the alkali metal fluorides	1964
19680078930	Matrix spectroscopy and nitrogen - Fluorine chemistry	1964
19680078931	Spectroscopic search for the FO radical	1964
19680078932	EPR observations on OF ₂ -NF ₃ liquid mixtures	1964
19680078933	Oxygen-fluorine bond formation in electrolysis of wet hydrogen fluoride	1964
19680078934	Ionization of NF and of oxidizers in anhydrous liquid HF	1964
19680078935	Metal and metal/metal fluoride electrode systems in anhydrous hydrogen fluoride	1964
19680078936	Ionization of HNF ₂	1964
19680078937	The electrochemical reactions of inorganic N-F compounds	1964
19680078938	The electrolysis of hydrazinium difluoride	1964
19680078939	Electrical conductivity and reactions in liquid N ₂ F ₄	1964
19680078940	Chlorine trifluoride as an ionizing solvent	1964
19680078941	Electrochemical studies of fluorine-containing compounds	1964
19680078942	Direct fluorination of hydrazine and its derivatives	1964
19680078943	Hydrolysis of NF ₃ and N ₂ F ₄	1964
19680078944	Exploratory radiation chemistry	1964
19680078945	Attempted preparation of N-O-F containing compounds	1964
19680078946	Some reactions of dioxygenyl hexafluoroarsenate. The preparation and characterization of fluorodiazonium hexafluoroarsenate	1964
19680078947	Chemistry of O ₃ F ₂ and O ₂ F ₂	1964
19680078948	Investigations of the chemistry of mixed halogen oxides	1964
19680078949	Adducts formed by bromine trifluoride	1964
19680078950	Ionic complexes containing the CLF ₂ plus cation	1964
19680078951	Preparation and properties of CF ₃ OSF ₅ , /CF ₃ O/2SF ₄ and CF ₃ OSF ₄ NF ₂	1964
19680078952	Difluorodiazine - High pressure reactions and apparatus	1964
19680078953	Complex perchlorates	1964
19680080063	F series staging mock-up investigation	1964
19680083310	Acceptance summary report - FTM 451	1964
19680085230	Analysis and evaluation of mirror solar panels	1964
19680085234	Study of radioisotope-fueled brayton cycle electrical power system for the manned orbiting research laboratory, volume 1	1964
19680085241	Methods of determining dynamic loads for missiles and space vehicles	1964
19680085249	Mol mission success computer program status	1964
19680085269	Mol mission success experiment management	1964
19680085305	Map oriented terrain simulation /mots/	1964
19680085328	Ionization enhancement in livermore experiments preliminary report	1964
19680085337	Electromagnetic wake of a charged particle pulse in a plasma	1964
19680085350	Surveillance inspection test	1964
19680085387	Wallops station handbook general information	1964
19680085391	Portable Acoustic Monitoring Systems /pams/ Monthly Technical Progress Report, 2 May - 1 Jun. 1964	1964
19680085445	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1 oct. - 1 nov. 1964	1964
19680085476	Abbreviations and Acronyms for Use on Drawings and in Technical Manuals	1964
19680085508	After range communications instructions	1964
19680085516	C-141a flutter model tests. part 3 - basic data	1964
19680085556	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, sep. 1 - oct. 1, 1964	1964
19680085580	Hardware list - little joe 2 project	1964
19680085589	Reliability verification test procedure to verify buwep part no. 1960922-055008 - 05s023	1964
19680085602	Correlation of data from various methods of aerial camera calibration	1964
19680085604	Testing and debugging large simulation programs	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085630	Surveillance inspection test of capacitors, fixed, tantalum foil, hermetically sealed, lead mount	1964
19680085649	Hot sizing sheet titanium alloy parts manufacturing research report	1964
19680085666	Development of Materials for Saturn Flexible Heat Shield Curtains and Tail Section Insulation Quarterly Progress Report, 1 May 1964 - 1 Aug. 1964	1964
19680085679	The stl on-line computer. volume 2 - user's manual	1964
19680085696	Exploratory Studies and Analysis of the Problem of Buckling of Cylindrical Shells with Inclined Stiffeners Progress Report, 16 Apr. - 15 Jun. 1964	1964
19680085702	Plasma varactors	1964
19680085737	Budgetary and planning estimates for industrial facilities saturn s-11 program fiscal years 1966 through 1970	1964
19680085738	Appendix a industrial facilities saturn s-11 program	1964
19680085742	Symposium international on combustion - abstracts of papers	1964
19680085746	A study program on a strapdown miniature electrostatic gyro supplemental report	1964
19680085752	A survey and comparison of the astronics systems of existing and developmental space vehicles and missiles monthly progress report	1964
19680085757	American mapping cameras	1964
19680085765	An indium adhesion test of surface cleanliness	1964
19680085773	The digital acquisition and decommutation system for ace s/c quarterly reliability status report, 1 jun. - 1 sep. 1964	1964
19680085788	Theory of streaming of cosmic rays and the diurnal variation	1964
19680085802	Recent developments in age forming and sizing	1964
19680085808	Measurement of the velocity of light using optical lasers quarterly progress report, 1 may - 31 jul. 1964	1964
19680085827	Development of formability standards for titanium	1964
19680085832	Comparative creep-rupture properties of d-43 and b-66 alloys	1964
19680085844	Research and development of high performance axial-flow turbomachinery monthly progress report, 5 sep. - 4 oct. 1964	1964
19680085862	Design of bonded sandwich intertank structure for saturn 5 vehicle monthly progress report, 1 mar. - 1 apr. 1964	1964
19680085865	Brayton-cycle turbine-compressor monthly progress report, 5 oct. - 4 nov. 1964	1964
19680085903	Cratering, ejecta, and displacement data for a 40,000 lb tnt surface burst charge /1963/	1964
19680085943	Brayton cycle turbine-compressor monthly progress report, nov. 5 - dec. 4, 1964	1964
19680085959	Field inspection and repairs of ebr-ii /model 5ky449aai/ electromagnetic pump	1964
19680085960	Research and development of high performance axial-flow turbomachinery monthly progress report, 4 jun. - 4 jul. 1964	1964
19680085968	Observational results on x-rays progress report	1964
19680085969	Designing a grating mosaic quarterly progress report	1964
19680085998	Crew escape criteria for two stage recoverable aerospace vehicles technical documentary report, 10 may - 1 sep. 1964	1964
19680086001	Approximate treatment of plane shock attenuation in a solid	1964
19680086002	Saturn ib/v launch vehicle digital computer and data adapter flight model program monthly progress report	1964
19680086012	Second meeting electromagnetic compatibility sub-panel of the instrumentation and communication panel	1964
19680086039	Orbital tracking and data acquisition saturn sa-6	1964
19680086048	Sensitometric properties of diazo films for high acuity continuous tone photographic reproduction	1964
19680086054	Evaluation of the "scratchmaster" paint adhesion tester	1964
19680086056	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1964
19680086057	Some characteristics of the visual process affecting the observation and measurement of artificial pass-points	1964
19680086059	Mapping and survey system geodetic, an/usq-28	1964
19680086061	Crew station research for aerospace vehicles experiments performed under zero-gravity. part 1 - translation and hatchway ingress- egress techniques	1964
19680086069	Modification to oso-d recorder/reproducer	1964
19680086094	The aerial camera	1964
19680086095	Secor for satellite geodesy	1964
19680086100	Studies of resistance to attack of constructional materials by gaseous impurities in the dragon coolant semiannual summary report, 1 mar. 1964 - 1 sep. 1964	1964
19680086116	Cosmos, a computer program for structural analysis	1964
19680086118	Evaluation of pace model cp51-.3 pressure transducer range 0 to 0.3 psia	1964
19680086161	Resistance weld distortion control	1964
19680086198	Inertially controlled aerial photogrammetry for topographic mapping	1964
19680086214	Rapid military mapping	1964
19680086215	A new technique for aerial mapping	1964
19680086281	Analysis of multipath effects on fsk error probability for a simple hf channel model	1964
19680086330	Analysis of Lunar Surface Vehicles for Lunar Exploration System for Apollo	1964
19680086347	End item test plan. volume 1. little joe ii launch vehicle 12-51-1 apollo mission a-002	1964
19680086348	Summary of solar radiation observations tabular summaries	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086352	Programs for the analyses of flow fields around spherically capped three-dimensional bodies at angles of attack. part ii - users manual final report, 3 jan. - 26 jun. 1964	1964
19680086356	Deformation under combined static and vibratory stresses	1964
19680086361	Programs for the analyses of flow fields around spherically capped three-dimensional bodies at angles of attack. part 1 - analysis and typical results final report	1964
19680086372	Simulated altitude testing of the aerojet- general corporation aj10-137 rocket engine - abort duty cycle /report 6, phase 1 development test	1964
19680086373	Magnetic field measurements based on cyclotron harmonic phenomena progress report jun. 1964	1964
19680086380	Launch control center periscopes launch complex 34	1964
19680086381	Operating Instructions Launch Complex 34 Facilities - Interim Technical Manual	1964
19680086383	Service structure traction drive system launch complex 34	1964
19680086400	Power distribution system service structure launch complex 34	1964
19680086454	Steady state aerodynamic heating of the I-2000	1964
19680086486	Investigation of fracture mechanisms, thermal stability and hot strength properties of controlled polyphase alloys quarterly progress report, 12 mar. - 12 jun. 1964	1964
19680086490	Feasibility study for development of a hypergolic engine space power system ninth monthly letter progress report, 23 aug. 1963 - 30 mar. 1964	1964
19680086573	Constant strain rate tensile properties of utrez-1, ct-3, and pban gumstock	1964
19680086585	Monthly progress report, 1-30 september 1964	1964
19680086598	Brayton cycle turboalternator monthly progress report, 1-30 nov. 1964	1964
19680086602	Monthly progress report, 1-31 august 1964	1964
19680086659	Research and development of high performance axial-flow turbomachinery monthly progress report, 4 jul. - 4 aug. 1964	1964
19680086662	Research and development of high performance axial-flow turbomachinery monthly progress report, 5 aug. - 4 sep. 1964	1964
19680086683	Improvements in use of the indium adhesion test for surface cleanliness	1964
19680086690	Reduction of heat treat distortion of sheet titanium parts manufacturing research report	1964
19680086695	Research and development for high performance turboalternator and associated hardware monthly progress report, 1-31 oct. 1964	1964
19680086707	Onset of creep stress measurement of metallic materials interim report	1964
19680086718	Measurement of the velocity of light quarterly progress report	1964
19680086727	Static electricity discharge reports on mk.10 whirlwind helicopters	1964
19680086829	Geographical coordinate computations. part 2 - finite map projection distortions	1964
19680086892	Martin baker mk h - 5 ejection seat simulation and analysis, volume 3	1964
19680086894	Generation of short duration pulses in linear mhd generators	1964
19680086899	Snap-8 electrical generating system development	1964
19680086906	Methods and charts for estimating skin friction drag in wind tunnel tests with zero heat transfer	1964
19680086907	Station alerts complex. the second generation orbital improvement programs	1964
19680086919	Core material, glass fabric, phenolic specification for	1964
19680086932	Appendix b, sample preparation for second round carbon-in-sodium analysis	1964
19680086956	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 5-19 jun. 1964	1964
19680086958	Transistorized digital data system model 2b	1964
19680086961	Shock tube performance using tailored interface mode of operation	1964
19680086994	Reliability verification test procedure to verify buweps part number 1960927-02-003	1964
19680087006	Saturn v launch vehicle digital computer and data adapter prototype program monthly progress report	1964
19680087030	Papers presented at the sixth msc technical symposium	1964
19680087031	A space center from master plan to occupancy	1964
19680087032	Lunar landing approach studies	1964
19680087033	Lem free-flight simulation	1964
19680087118	Surveillance inspection test of resistor, fixed, composition, molded, 1/4 watt	1964
19680087166	Surveillance inspection test of resistor, fixed, wirewound, power, dipped, 2 watts	1964
19680087168	Surveillance inspection test of resistor, fixed, wirewound, power, dipped, 10 watts	1964
19680087169	Surveillance inspection test of resistor, fixed, wirewound, power, dipped, 5 watts	1964
19680087249	Inlet noise suppressor studies - 1	1964
19680087321	Design and development of lithium and nak vapor traps final report, dec. 1960 - jul. 1963	1964
19680087351	Surveillance inspection test of resistors, fixed, wirewound, power, dipped, 5 watts	1964
19680087381	Surveillance inspection test of electron tube, special purpose, triode, single, receiving	1964
19680087382	Surveillance inspection test of resistor, fixed, wirewound, power, dipped 5 watts	1964
19680087384	Surveillance inspection test of resistor, fixed, wirewound, power, dipped, 2 watts	1964
19680087399	Apollo logistics support systems molab studies. preliminary estimate of development costs and schedule for molab	1964
19680087434	Block 2 mock-up review - nasa inspection and review of block 2 command and service module mock-ups	1964
19680087510	Six-degree-of-freedom flight-path study generalized computer program, part 1. volume 1 - problem formulation	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087512	The effects of thermal radiation on coated aircraft skin progress report	1964
19680087532	Staging dynamics	1964
19680087589	Electron beam welding of titanium alloy extrusions	1964
19680087609	Airport compatibility studies, miami international airport. model l-2000 supersonic transport	1964
19680087638	Airport compatibility studies. houston intercontinental airport	1964
19680087645	Status - sst phase 2a. high temperature bearing program interim report	1964
19680087663	Mach 3 sst on typical world routes	1964
19680087672	Research in integrated circuits summary report, 1 sep. 1963 - 31 oct. 1964	1964
19680087674	Titanium hot sizing scale prevention	1964
19680087676	Rift nrds facilities requirements development status report	1964
19680087743	Lifting Re-Entry Vehicle Simulation Program - Experimental Results	1964
19680087824	The preparation of organometallic derivatives of inorganic benzenoid compounds technical documentary report, 1 jan. - 30 sep. 1963	1964
19680087840	Comparison of theoretical predictions of wake electron density with ballistic range measurements /u/	1964
19680087842	Theoretical calculations and comparisons with electron density from ballistic ranges	1964
19680087845	Effects of reentry environment on ecm antenna system performance	1964
19680087846	Design problems of real-time data processing systems	1964
19680087849	Effect of ablation material and nose bluntness on observables from a slender cone in a free-flight range	1964
19680087851	Review of recent results obtained on ballistic ranges at carde	1964
19680087852	Reference data and review of reaction rates and cross-sections	1964
19680087853	Calibration and accuracy evaluation of aris radars for signature measurements	1964
19680087854	Ballistics range studies of hypersonic conical models - wake transition and ionization as affected by nose blunting	1964
19680087856	Exact numerical radar cross section computation for axisymmetric conducting targets	1964
19680087879	Rift cold-flow facility requirements development status report, 21 oct. - 30 dec. 1963	1964
19680087926	Static stability tests on a 1/15 scale model of a hypersonic boost vehicle over mach number range m equals 0.50 to m equals 1.20	1964
19680087970	Airport compatibility studies anchorage international airport	1964
19680087978	Airport compatibility studies dulles international airport	1964
19680087992	Airport compatibility studies san francisco international airport	1964
19680088006	Airport compatibility studies logan international airport	1964
19680088046	Minutes first vip-2 data workshop experiment sub-group meetings /u/	1964
19680088047	Flight test evaluation report, minuteman missile 1141 /af-64-294, black pepper/ /u/	1964
19680088048	Lgm 30b operational testing launch demonstration no. 14 "old fox" - ftm 861, flight test report /u/	1964
19680088049	Mark 3 and mark 4 midcourse decoy development final report /u/	1964
19680088132	[No Title]	1964
19680088137	Program 461 special flight data analysis /u/	1964
19680088177	Fluorine oxidizers /u/ quarterly technical summary report, no. 6, 1 sep. - 1 dec. 1964	1964
19680088180	Bibliography on the vulnerability of nuclear weapons. volume 3 - electromagnetic radiation environment /u/	1964
19680088181	Bibliography on the vulnerability of nuclear weapons. volume 4 - fire environment /u/	1964
19680088184	Bibliography on the vulnerability of nuclear weapons. volume 8 - thermal radiation environment /u/	1964
19680088185	High energy advanced throttling concept study /u/ technical report, 1 may - 30 sep. 1965	1964
19680088225	Airport compatibility study	1964
19680088251	Airport compatibility studies los angeles international airport	1964
19680088260	Algol motor 2b-31 static test firing report final report	1964
19680088311	Surveillance inspection test of resistor, fixed, wirewound, power, dipped, 5 watts	1964
19680088413	Project see-thru flame interference measurements, titan 3c launch test 8275/2250	1964
19680088458	Assembly and joining /fusion weld distortion control/	1964
19680088467	Heat and mass transfer analysis of adsorption beds used in spacecraft life support systems	1964
19680088475	Airport compatibility studies, seattle-tacoma international airport. model cl-823 supersonic transport	1964
19680088538	Atlas-agera-oao free-free vibration test at point loma test site final report, 5 mar. - 10 apr. 1964	1964
19680088543	Airport compatibility studies. honolulu international airport	1964
19680088544	Airport compatibility studies. j. f. kennedy international airport. model cl-823 supersonic transport	1964
19680088561	An experimental investigation of the use of test section inserts as a device to verify theoretical wall corrections for a lifting rotor centered in a closed rectangular test section	1964
19680088601	Mark 6 altitude ejection test program /aedc/ /aedc/ /u/ engineering analysis technical report	1964
19680088602	Thermal ablation in low-altitude nuclear fireballs /u/ technical documentary report, jan. 1963 - jan. 1964	1964
19680088604	Electro optical techniques study /u/ technical documentary report, 1 may 1963 - 31 jul. 1964	1964
19680088605	Flight Dynamics Analysis of the Amdt Gtv-2 Flight Data /U/	1964
19680088606	Downrange data report - atlas missile 243d with lorv-1 nose cone /u/	1964
19680088607	Downrange data report - afmtc no. 1060 minuteman missile 444 /24 april 1964/ /u/	1964
19680088608	System test objectives program 627 a, wake analysis and control program wac-5 flight test /u/	1964
19680088609	Downrange data report - afmtc no. 158, titan missile n-3a /9 april 1964/ /u/	1964
19680088695	Commercial supersonic transport panel flutter studies	1964
19680088696	Gemini land landing system program development plan	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088709	Summary of airport compatibility studies	1964
19680088737	Qualification and engine performance evaluation of mil-l-22851 /wep/ candidate mobil xrm 130e dispersant oil	1964
19680088757	Combustion instability program	1964
19680088763	External design loads - centaur ac-4 vehicle	1964
19680088786	Post forming crack prevention in titanium alloys	1964
19680088830	Technology utilization review and analysis. volume 3 - appendices	1964
19680088889	Metallurgical bonding by high explosives	1964
19680088904	Niobium-1 percent zirconium, natural circulation, boiling potassium corrosion loop test	1964
19680088936	Some properties of phase-space integrals	1964
19680088943	Steady state dynamic response program for the advanced orbiting solar observatory, phase 1	1964
19680088978	Program 624a standard space launch vehicle staging dynamics analysis report, flight test plan 1	1964
19680088981	Effect of a nonlinear temperature distribution on flutter of simply supported panels at high speeds	1964
19680088993	History of Gemini Launch Vehicle-1 at Amr	1964
19680089076	Apollo test office presentation /u/	1964
19680089106	A performance and operational analysis of a proposed cw doppler radar for asw use, part 2 /u/ final report	1964
19680089117	An experimental and theoretical investigation of inlets for supersonic combustion ramjets parts 1 and 2 /u/	1964
19680089135	A survey of commercial and military nomenclatured spectrum analyzers	1964
19680089143	Electronic test equipment agency program report, middletown air material area, olmsted air force base, middletown, pa.	1964
19680089144	Military nomenclatured signal generators having active status	1964
19680089145	Electronic test equipment agency program report, wright-patterson air force base, ohio	1964
19680089165	Lgm 30b operational testing launch demonstration no. 26 "orange chute" - ftm 848 flight test report /u/	1964
19680089166	Re-entry data report "ivy tower" /25 august 1964/ /u/	1964
19680089167	Low observable reentry vehicle program subscale vehicle flight test data and support requirements white sands missile range /u/	1964
19680089168	Minuteman mark 2 reentry vehicle flight evaluation report avco rad mark 2 mod 4a-7 reentry vehicle flight of 18 december 1963 afmtc flight test 6080 missile mm-447, weapon system 133a /u/	1964
19680089169	Ballistic Missiles as Space Boosters and the Feasibility of Restricting Their Reconversion /U/	1964
19680089170	Minuteman amr field test report - ftm 450 - flight test /u/	1964
19680089171	Research sensitive components damage mechanisms /u/	1964
19680089172	F104/m-61 operational test and evaluation project adc/26ad/64-1 /u/ final report	1964
19680089187	Lgm 30b operational testing launch demonstration no. 21 "painted warrior" - ftm 994 flight test report /u/	1964
19680089188	Surveillance motor firing number 243b-1- 5-8 /u/ final report	1964
19680089192	Launch plus forty-two day report mark 6 decoy assembly - titan 2 lgm-25c-9 /u/	1964
19680089215	Post flight propulsion system analysis of gemini launch vehicle, gt-1 /beep/ program reconstruction /u/	1964
19680089267	Electronic test equipment nomenclature assignments. volume 2 - "components," instruments	1964
19680089274	Strain gage pressure transducer	1964
19680089320	Loading, testing and delivery of xm-85 rocket motors /u/ final report	1964
19680089332	Extended effort mto-164-219 partial-burn firing number 5-10-18 /u/ final report	1964
19680089336	Program 206 facilities master plan /u/	1964
19680089338	Re-entry data report, "double-tally" /11 august 1964/ /u/	1964
19680089339	Re-entry data report, afwtr number 5440 /gentle annie/, titan b-7 /13 august 1964/ /u/	1964
19680089340	Report of electronic countermeasures system evaluation, volume 3 /u/ final report	1964
19680089347	Supersonic combustion ramjet engine program /u/ letter progress report, 1-31 jan. 1964	1964
19680089385	Boundary layer transition for ablating reentry vehicles of different configurations /u/	1964
19680089386	Tungsten-water moderated rocket reactor, volume 1 /u/ status report	1964
19680089387	Tungsten water-moderated nuclear rocket program, volume 2 /u/ status report	1964
19680089389	Feasibility of Isotopic Power for Manned Lunar Missions	1964
19680089432	Rat scat cross section measurements of the mark 6 decoys serial numbers dox2, 1033, and 1037 /u/	1964
19680089502	Laboratory report of conducted and radiated test on the separation simulator	1964
19680089540	Report on electromagnetic interference problems of sa-5	1964
19680089541	Laboratory report of conducted and radiated interference test on a. c. solenoid mfg. by asco /automatic switch co./	1964
19680089578	Program 461 - tracking and impact prediction feasibility study /u/ interim report, period ending jan. 1964	1964
19680089587	Design of propellant gas valves /u/ research report, 1 nov. - 31 dec. 1963	1964
19680089611	Design study of cryogenic hydrogen and oxygen lunar storage systems	1964
19680089659	Evaluation tests on switches, rotary, circuit- selector, type 18673-414lr-2	1964
19680089737	Discussion of precision strapped - down inertial systems	1964
19680089779	Electrical and electronic bonding connections	1964
19680089804	The water separation characteristics of aviation turbine fuel containing anti-static and anti-icing additives	1964
19680089819	The demonstration of advanced technology in a high-performance solid-propellant motor /u/ quarterly report, 1 jan. - 31 mar. 1964	1964
19680089820	Large rocket, preliminary design development /u/	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089821	Large rocket, preliminary design development /u/	1964
19680089822	Combustion characteristics of light metal based fuels /u/	1964
19680089845	Development of a propellant containing a high energy oxidizer /u/ monthly research contract status report number 4, 1-31 sep. 1964	1964
19680089847	Service life of m18 rocket motor /hx19f/ for aim 4e missile /gar 3/ /u/	1964
19680089849	Forces induced by air injection on a flat plate in supersonic flow /u/	1964
19680089850	Monopropellant gas generator program /u/	1964
19680089851	Arbalist progress report - september 1964 /u/	1964
19680089852	Motor test report, reinforced grain advanced development program /u/	1964
19680089861	Snap-9a incident summary /u/	1964
19680089866	Centaur data handbook, volume 1 /u/	1964
19680089867	Centaur data handbook, volume 2 /u/	1964
19680089868	Fundamental investigation of hypergolic ignition of solid propellants monthly letter report, 1-31 jan. 1964 /u/	1964
19680089894	Arpa propellant contractors synthesis conference, volume 2 /u/	1964
19680089895	Investigation of perhydrides of transition metals /u/	1964
19680089896	[No Title]	1964
19680089897	[No Title]	1964
19680089898	[No Title]	1964
19680089899	[No Title]	1964
19680089900	A new high-nitrogen elastomer /u/	1964
19680089901	New developments in nf oxidizer synthesis /u/	1964
19680089902	[No Title]	1964
19680089903	[No Title]	1964
19680089904	[No Title]	1964
19680089905	[No Title]	1964
19680089906	[No Title]	1964
19680089907	[No Title]	1964
19680089908	[No Title]	1964
19680089909	[No Title]	1964
19680089910	Reactions of difluoramine /u/	1964
19680089911	[No Title]	1964
19680089912	[No Title]	1964
19680089913	[No Title]	1964
19680089914	[No Title]	1964
19680089915	[No Title]	1964
19680089916	[No Title]	1964
19680089917	[No Title]	1964
19680089918	[No Title]	1964
19680089919	[No Title]	1964
19680089920	Basic research in solid oxygen oxidizers /u/	1964
19680089921	[No Title]	1964
19680089922	[No Title]	1964
19680089923	Studies on oxidizers /u/	1964
19680089924	[No Title]	1964
19680089968	Fabrication of printed circuit boards	1964
19680090344	Development of a propellant containing a high energy oxidizer /u/ monthly research contract status report, 1-31 oct. 1964	1964
19680090347	Research program on optical contrast correlation seeker /u/ final technical report	1964
19680090349	Turbo-accelerator cycle evaluation and experimental verification /u/ quarterly progress report	1964
19680090350	Combined quarterly technical reports /u/	1964
19680090351	Preliminary Evaluation of Ablative Coatings for X-15 Application /U/	1964
19680090352	Manufacturing methods for high energy metal hydrides /u/ interim technical progress report, 1 oct. - 31 dec. 1964	1964
19680090376	Electron-ionization cross sections semiannual progress report, 15 dec. 1963 - 15 jun. 1964	1964
19680090385	Quarterly project progress report for october - december 1964 /u/	1964
19680090386	Flight safety evaluation of slv-3/01b for snapshot /u/	1964
19680090388	Gemini Launch Vehicle Final Flight Test Evaluation NASA Mission GT-1	1964
19680090390	Wind-tunnel tests on a porous body with suction /u/	1964
19680090391	Super High Frequency Re-Entry Transmission /U/	1964
19680090394	Comparison of blunt and slender body hypersonic wakes /u/	1964
19680090396	Supersonic combustion ramjet engine program /u/ monthly letter progress report, oct. 1964	1964
19680090399	Evaluation study of transport vehicles - supplement /u/ final report	1964
19680090402	Motor /260-inch/ demonstration and 156-inch motor nozzle test program /u/	1964
19680090426	Bulletin of the 6th Liquid Propulsion Symposium	1964
19680090428	Thermal design considerations involved in the development of rocket engines	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090429	Two dimensional heat flux measurements in uncooled rocket nozzles /u/	1964
19680090430	Analytical study of ablative thrust chambers with pulsing	1964
19680090431	Characterization of a new oxidizer /u/	1964
19680090432	Current assessment of a cryogenic tripropellant system /u/	1964
19680090433	Injectors and combustion chambers for of2/b2h6	1964
19680090434	Applied research to determine rocket engine design criteria for the compound a/n2h4 propellant system /u/	1964
19680090435	Evaluation of the chlorine trifluoride aluminized mhf-3 system /u/	1964
19680090436	An evaluation of alumizine /u/	1964
19680090437	Maneuvering satellite high energy propulsion system study /u/	1964
19680090438	Advances in small liquid rocket technology /u/	1964
19680090439	Exploratory development of high pressure storable engines /u/	1964
19680090440	The evaluation of fluorine and ba-1014 hydrazine fuel blend propellants in 20,000- pound thrust regeneratively cooled and 200- pound thrust ablative thrust chambers /u/	1964
19680090441	Testing of uncooled thrust chambers with propellants lf2/n2h4 blend /u/	1964
19680090442	Atlas flox program /u/	1964
19680090443	Concurrent LOX/LH2 Engine and Stage Development/Integration for Saturn	1964
19680090444	The philosophy of testing detonation characteristics of liquid propellants /u/	1964
19680090445	Some field problems associated with the handling of fluorine and flox	1964
19680090446	Engine cost and reliability considerations for reusable launch vehicles /u/	1964
19680090447	Apollo service propulsion - a design for mission success /u/	1964
19680090448	An experimental investigation of heat transfer to cooled injector baffles	1964
19680090449	Development of positive expulsion for the surveyor spacecraft vernier propulsion system	1964
19680090450	Chlorine trifluoride positive expulsion studies /u/	1964
19680090451	Positive expulsion experience at the u. s. naval ordnance test station /u/	1964
19680090452	Lance expulsion system /u/	1964
19680090454	Quarterly project progress report, july - september 1964 /u/	1964
19680090467	Minuteman mark 11 reentry vehicle flight evaluation report avco rad mark 11 mod 4a-6 reentry vehicle flight of 13 november 1963 afmtc flight test 6001 missile mm-446 /u/	1964
19680090489	Statistical distribution of significant parameters of the autonetics velocity meter - vm4a /u/	1964
19680090491	Investigation and modification of cw protective materials and treatments, june 29 - november 1, 1964	1964
19680090494	Liquid rocket propulsion laboratory quarterly progress report /u/	1964
19680090600	Engineering study of multi-purpose engine and fuel system. lunar exploration system for apollo. volume 4 - the integrated lesa power system-evaluation and analysis	1964
19680090673	Atlas missile b-2 pod - aig section, development program for the reduction of acoustic levels in the arma computer	1964
19680090680	Non-weapon system development support activities, titan 2 program final report	1964
19680090681	Weapon system 107c, titan 2 progress report, 1 jan. - 31 mar. 1964	1964
19680090683	Review of base heating flight test data titan 2, missiles n-25 and n-26	1964
19680090687	Analog gate and buffer amplifier final report	1964
19680090697	Separation latch test final report	1964
19680090702	Kearfott leveler f 2412	1964
19680090723	Mobile and mid-range ballistic missile guidance and control system. bibliography of program reports. addendum no. 1	1964
19680090743	Human engineering design check list	1964
19680090747	Weapon system 107c, titan 2 program progress report, 1 apr. - 30 jun. 1964	1964
19680090784	Use of hollow uo sub 2 pellets to control diametral expansion in highly rated elements	1964
19680090808	Penetration aids production reliability summary report for june 1964	1964
19680090809	Three-dimensional trajectory simulation program - mobile mid-range ballistic missile guidance and control subsystem	1964
19680090813	Operational paper tape loading - mobile mid-range ballistic missile gandc subsystem	1964
19680090815	Penetration aids production reliability summary report, apr. 1964	1964
19680090822	Development of a digital computer program for the design of thrust vector control systems. volume 4 - test cases computer printout /u/ final report	1964
19680090823	Project cheops - an investigation of hypervelocity impact flash /u/ technical documentary report, 21 jun. 1962 - 21 feb. 1964	1964
19680090828	Estimates of metabolic rates, thermal balance and water requirements for apollo grew members	1964
19680090838	One hundred thirty-six f vernier solo lox bottle investigation final report	1964
19680090855	Ylr87-aj-5 and ylr91-aj-5 rocket engines field-test feedback program quarterly progress report, 1 jan. - 31 mar. 1964	1964
19680090904	Penetration aids production reliability summary report, feb. 1964	1964
19680090914	Stage 1 turbopump tests to determine effects on missile performance of dissolved nitrogen in titan 2 propellants, phase 2 final report	1964
19680090918	Tail section test stand. sustainer hydraulic system decay characteristics and failure investigation, book 3 final report, 3 nov. 1963 - 1 jun. 1964	1964
19680090920	Penetration aids development reliability summary report, jan. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090946	A transistor screening procedure using leakage-current measurements	1964
19680090978	Production of wing 6 minuteman sr 19-aj-1 second-stage motors quarterly report, sep. - nov. 1964	1964
19680091010	Research and development of materiel. engineering design handbook - ammunition series, section 6, manufacture of metallic components of artillery ammunition	1964
19680091042	Lox tank four-ring slosh baffle test, dsv-4b	1964
19680091043	Preliminary lox tank slosh baffle test, dsv-4b	1964
19680091055	Transactions of the ninth symposium on ballistic missile and space technology, volume 1	1964
19680091056	Command and control from the national point of view	1964
19680091057	Parametric analysis of an integrated tracking, telemetry, and command system	1964
19680091058	Military vs commercial communication satellites	1964
19680091059	Establishment and replenishment calculations for satellite systems	1964
19680091060	Retrodirective arrays for military communication satellites	1964
19680091061	The use of frequency selective limiters in communication satellites	1964
19680091062	Gravity-gradient attitude stabilization for communication satellites	1964
19680091063	Composite coded communications	1964
19680091064	A comparison of key parameters of three cw ranging systems	1964
19680091065	Horizon sensor navigation errors resulting from statistical variations in the co2 14-16 micron radiation band	1964
19680091066	A numerical comparison of two orbit determination methods	1964
19680091067	Optimal guidance and control synthesis for maneuverable lifting space vehicles	1964
19680091068	Stability and control considerations in the deployment of a cable-connected spinning space station	1964
19680091069	Redundancy/maintenance cost optimization for manned orbital space stations	1964
19680091070	Physiological considerations on maintenance of muscle tone under subgravity conditions	1964
19680091071	Atmosphere selection and environmental control for manned space stations	1964
19680091072	The measurement of general human performance in military space systems	1964
19680091073	Lunar base mission crew nutrition subsystem optimization	1964
19680091076	Elements of armament engineering. part 1 - sources of energy, engineering design handbook	1964
19680091089	Earth resistance to projectile impact progress report	1964
19680091090	Solid-state physics research in the soviet union. trip report of the u.s. atomic energy delegation june 1964	1964
19680091157	Explosives series. solid propellants, part 1. engineering design handbook	1964
19680091258	Castor 2 rocket motor /u/ status letter, 9 may - 8 jun. 1964	1964
19680091277	AMR Test 150	1964
19680091320	Fire 2 advanced re-entry mission using atlas/ablestar/antares 2 configuration /u/	1964
19680091323	Lgm 30b operational testing launch demonstration number 27 "nicked blade" - ftm 1101 flight test report /u/	1964
19680091325	Final calibration book for re-entry vehicle instrumentation program /u/	1964
19680091326	Re-entry radar cross section of r/v and passive decoy /u/ final report	1964
19680091333	Hypervelocity impact studies /u/	1964
19680091334	Installed performance computations for the supersonic transport engine nozzle /phase 2-a/ /u/	1964
19680091349	Hypersonic ramjet program /u/ monthly letter progress report, oct. 1964	1964
19680091465	Slv-3 Bending Stability Analysis of the Atlas/Agna Spring Band Separation Joint	1964
19680091467	General missile vibration program no. 2342 /ccd-prog-011/	1964
19680091471	Summary of analyses of rex 1 and rex 2 data /u/ memorandum report no. 10	1964
19680091472	Complete data and analyses from amrt 119 /rex 1/ and amrt 1501 /rex 2/ /u/	1964
19680091474	Symposium on advanced inertial navigation technology /u/	1964
19680091475	Penetration radar /penrad/, phase 2 /u/ interim report, 15 sep. - 15 dec. 1964	1964
19680091477	Wide band phased arrays semiannual report, 1 jan. - 30 jun. 1964	1964
19680091478	Advanced research of miniature electrostatic gyro /u/ technical documentary report, jun. 1962 - jun. 1964	1964
19680091498	Basic structural loads data for the b-70 prototype air vehicle six engine turbojet bomber /naa designation na-278/ air force designation xb-70	1964
19680091510	Reliability verification test procedure to verify buweps part no. 1960905-02c037 and 1960905-02c047	1964
19680091525	Deleted record	1964
19680091536	Product engineering, volume 1 /u/ final technical report, 1 jan. - 31 dec. 1963	1964
19680091537	Product engineering, volume 2 /u/ final technical report, 1 jan. - 31 dec. 1963	1964
19680091538	Product engineering, volume 3 /u/ final technical report, 1 jan. - 31 dec. 1963	1964
19680091553	Flow field data and gas radiation data for the rex-3 vehicle during reentry /u/	1964
19680091556	Off-nominal mrmrbm flight control linear stability studies /u/	1964
19680091561	Equation development for in-flight stellar corrections for a ballistic missile with stellar-inertial guidance /u/	1964
19680091562	Weapon system 107c, titan 2 /u/ program progress report	1964
19680091563	Weapon system 107c, titan 2 /u/ program progress report	1964
19680091564	Weapon system 107c, titan 2 /u/ program progress report	1964
19680091602	Improved titan program plan, revision "b" /u/	1964
19680091604	Weapon system 133a. static test firing of second-stage wing 6 minuteman motor 52qt-7 /u/ final report	1964
19680091607	Measurement of the thrust chamber rate for the titan 2 sustainer specific impulse determination /u/	1964
19680091608	Improved titan predevelopment /u/ quarterly report, 1 apr. - 30 jun. 1964	1964
19680091611	Phase 1 reverse thrust subsystem studies, volume 1 /u/ final report	1964
19680091612	Clad carbide nuclear fuel thermionic power modules /u/ quarterly report, 15 jun. - 15 sep. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091633	Lash-homing projectile weapons system - system analysis, task 1, phase 2 /u/	1964
19680091823	Acceptance test summary no. 1864 ls 8481-005	1964
19680091905	Reliability verification test procedure to verify buweps part number 1960905-01c001 thru 1960905-01c005	1964
19680091994	Conversion of Titan 1 to Titan 2	1964
19680092001	Weapon system 133b. static test firing of second stage wing 6 minuteman motor 52rcd-4 /u/ final report	1964
19680092002	Weapon system 133a. static test firing of second stage wing 6 minuteman motor 52rcd-1 /u/ final report	1964
19680092003	Weapon system 133b. static test firing of second stage wing 6 minuteman motor 52rcd-2 /u/ final report	1964
19680092011	Static-test firing of second-stage wing 6 minuteman motor 52fw-19 /u/ final report	1964
19680092013	Propulsion System Performance Substantiation Report for the XB-70A Air Vehicle (YJ93-GE-3 Engines)	1964
19680092036	Propellant Outage Analysis for Titan II	1964
19680092037	Stellar catalog and star availability. mobile mid-range ballistic missile guidance and control subsystem /u/	1964
19680092041	Quick-look summary - flight test of minuteman second-stage motor 52ftm-451 /u/	1964
19680092054	Improved titan predevelopment /u/ quarterly report, 1 oct. - 31 dec. 1963	1964
19680092073	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-27 /u/ final report	1964
19680092074	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-17 /u/ final report	1964
19680092075	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-15 /u/ final report	1964
19680092076	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-21 /u/ final report	1964
19680092077	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-20 /u/ final report	1964
19680092078	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-24 /u/ final report	1964
19680092079	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-25 /u/ final report	1964
19680092080	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-26 /u/ final report	1964
19680092087	Weapon system 133b - flight-test firing of second-stage wing 6 minuteman motor 52ftm-450 /u/ final report	1964
19680092089	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-18 /u/ Final report	1964
19680092095	Weapon system 133b - static test firing of second-stage wing 6 minuteman motor 52fw-23 /u/ final report	1964
19680092096	Computer lift-off and staging problem /clasp/. integrated test plan /u/	1964
19680092100	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-22 /u/ final report	1964
19680092101	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52fw-28 /u/ final report	1964
19680092144	Manned mars landing and return mission, volume 1	1964
19680092164	Command and control, bomb damage assessment, guidance /u/	1964
19680092166	Weapon system 133b - flight-test firing of second-stage wing 6, minuteman motor 52ftm-sp-1 /u/ Final report	1964
19680092167	An evaluation of alumizine /u/	1964
19680092174	Quick-look downrange radar coverage on n-29, test no. 3787 /u/	1964
19680092175	Stellar data processing programming report. mobile mid-range ballistic missile subsystem /u/	1964
19680092176	Vsa slew computer program. mobile mid-range ballistic missile subsystem /u/	1964
19680092186	Revised performance results for the mmrbm roll flight control system /u/	1964
19680092187	Weapon system significance of stellar requirements /u/	1964
19680092188	Sky field study /u/	1964
19680092189	Updated titan 2 failure probability and reliability, topic /u/	1964
19680092190	Titan 2 n-26 re-entry vehicle data analysis report /u/	1964
19680092258	Operational atlas 57-e, flight test evaluation of propulsion and related systems /u/	1964
19680092261	Adc loading analysis /u/ status report, mar. 1964	1964
19680092298	Hypersonic aircraft and their aerodynamic problems	1964
19680092300	Ylr87-aj-5 and ylr91-aj-5 rocket engines field-test feedback program quarterly program progress report, 1 apr. - 30 jun. 1964	1964
19680092314	Large deformation response of a simply- supported, circular membrane subjected to blast loading	1964
19680092335	Heat generation in lunar orbiter battery	1964
19680092365	Centaur/surveyor-peculiar structural dynamics analyses	1964
19680092396	Improved titan predevelopment /u/	1964
19680092397	Lash-homing projectile weapons system-system analysis /u/ final report	1964
19680092415	Weapon system 133b. static-test firing of second-stage wing 6 minuteman motor 52th-1 /u/ final report	1964
19680092416	Weapon system 133b. static-test firing of second-stage wing 6 minuteman motor 52th-3 /u/ final report	1964
19680092417	Weapon system 133b. static-test firing of second-stage wing 6 minuteman motor 52qt-3 /u/ final report	1964
19680092418	Weapon system 133b. static-test firing of second-stage wing 6 minuteman motor 52qt-5 /u/ final technical operating report	1964
19680092419	Weapon system 133b. static-test firing of second stage wing 6 minuteman motor 52st-009 /u/ technical operating report	1964
19680092429	Weapon system 133b. individual motor report, u.s. eastern test range flight test of m55e1 minuteman stage 1 motor 0010059, flight test missile 449 /u/	1964
19680092432	Weapon system 133a. individual motor report, pacific missile range flight test of m55a1 minuteman stage 1 motor 0012271, flight test missile 960 /u/	1964
19680092433	High shear ablation tests in the cornell wave superheater /u/	1964
19680092434	Description of simulation and analysis programs for the advanced targeting study /u/	1964
19680092437	Surveyor block 1, project development plan, volume 1 /revised/ /u/	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092439	Development objectives guide high frequency /u/	1964
19680092445	The Effect of Nitrogen Saturated Propellants on Titan 2 Engine Performance	1964
19680092516	A simulation study of atc procedures for supersonic aircraft	1964
19680092520	Afsc ballistic missile reentry systems program /u/ semiannual review, 21-22 jul. 1964	1964
19680092522	Titan 2 Operation Summary	1964
19680092538	Simplified analytical methods for use in preliminary design of vertically-rising vehicles subjected to wind shear loads. Part 1 - Evaluation of methods	1964
19680092550	Militran programming manual	1964
19680092558	Surveyor spacecraft system /u/ bimonthly progress summary report, jun. - aug. 1964	1964
19680092559	Surveyor spacecraft system /u/ bimonthly progress summary report, aug. - oct. 1964	1964
19680092622	Militran operations manual for IBM 7090-7094	1964
19680092626	IRAD projects Quarterly progress report	1964
19680092636	Summary of the Aerothermoelastic Development Program for the X-20A (Dyna-Soar)	1964
19680092755	Reliability verification test to verify BuWeps 1960931 electrical connector	1964
19680092796	Screening for UZ-625 Zener diodes	1964
19680092811	Stochastic optimization of ship's inertial navigation systems, volume 1 Final report	1964
19680092874	An experiment to determine the effect of sample size on the radiation-induced contraction of graphite	1964
19680092906	Review of NERVA heat transfer analysis	1964
19680092986	Experimental studies at Mach numbers 3, 4, and 5 of turbulent boundary layer heat transfer in 2-dimensional flows with pressure gradient	1964
19680093026	Disconnect - Liquid helium chilldown, ground to missile	1964
19680093117	Vibration and hi-pot test of Dearborn capacitors	1964
19680093136	Some numerical results of the turbulent free shear layer with a finite initial boundary layer	1964
19680093170	An analysis of the turbulent base pressure problem in supersonic axi-symmetric flow	1964
19680093179	Analog/digital simulation and study of a dynamic energy management system /U/ Final technical documentary report	1964
19680093211	Agema Target Vehicle Yaw and Pitch Attitude Errors for Yaw Manuevers and Velocity Errors /U/	1964
19680093247	[No Title]	1964
19680093260	The correlator as an image area correlator /U/	1964
19680093291	Satellite to satellite communication system feasibility studies. Volume 5 - Use of communication satellites to relay data /U/	1964
19680093297	Redesign of the Apollo Environmental Control System Radiator	1964
19680093370	Self adaptive autopilot study	1964
19680093373	A study of the turbulent separated flow region occurring at a compression corner in supersonic flow	1964
19680093533	Reflectance of evaporated germanium films	1964
19680093576	A general method for the calculation of radiant interchange between specular-diffuse surfaces	1964
19680093594	Preliminary magnetic moment control data for the MACS spacecraft	1964
19680093603	Orbital time estimation	1964
19680093619	Geomagnetically trapped radiation	1964
19680093629	Comparison of satellite ground track calculations by RAND and AFIT	1964
19680093650	An Analysis of the Revised Agema Guidance and Propulsion System Errors - Gemini Program /U/	1964
19680093690	Development of a large size finished porous tungsten ionizer Monthly letter report, 11 Aug. - 10 Sep. 1964	1964
19680093691	Development of a large size finished porous tungsten ionizer Monthly letter report, 11 Jul. - 10 Aug. 1964	1964
19680093692	Development of a large size finished porous tungsten ionizer Monthly letter report, 10 Mar. - 10 Apr. 1964	1964
19680093693	Development of a large size finished porous tungsten ionizer Monthly letter reports, 20 Jan. - 10 Mar. 1964	1964
19680093795	Follow-on program of ion emitter studies Monthly progress report, Jan. 1964	1964
19680093797	Monthly letter report, 11 November - 10 December 1964	1964
19680093825	Sinusoidal gust criteria guideline for Apollo detection system angular rate studies	1964
19680093828	A study of NASA-University relations Final report	1964
19680093842	A study of the turbulent separated flow region occurring at a compression corner in supersonic flow	1964
19680093918	Research on advanced solid propellants /U/ Quarterly progress report, Dec. 11, 1963 - Mar. 10, 1964	1964
19680093930	High pressure oxygen hydrogen rocket engine component testing /U/	1964
19680094012	Research and exploratory development for the Missile Propulsion Branch, Bureau of Naval Weapons /U/ Quarterly report, Oct. - Dec. 1964	1964
19680094073	The luminescence of luminol 9	1964
19680094074	Experiments with luminol	1964
19680094093	On the luminescence of luminols 7 - The effect of foreign matter addition on the luminol reaction	1964
19680094100	Synthesis and reactions of Azo-Acyl compounds	1964
19680094103	On the luminescence of luminols 8 - A very effective inhibition of the luminol reaction	1964
19680094104	A study of prevention of spontaneous luminescence of luminol	1964
19680094121	Development of a large size finished porous tungsten ionizer Monthly letter report, 16 Jun. - 10 Jul. 1964	1964
19680094122	Development of a large size finished porous tungsten ionizer Monthly letter report, 11 Apr. - 10 May 1964	1964
19680094131	Monthly progress letter, 11 September - 10 October 1964	1964
19680094132	Monthly letter report, 11 October - 10 November 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680094135	Chemiluminescence of cyclic hydrazides	1964
19680094178	Adhesiveness of powders, and its application in the determination of grain size	1964
19680094193	Development of a large size finished porous tungsten ionizer Monthly letter report	1964
19680094201	Pressurization systems design guide. Volume 1 - System analysis and selection	1964
19680094227	Hg3 liquid rocket engine design study parametric data summary /U/	1964
19680094255	An investigation of the equation-solving routine MATEQ	1964
19680094260	The corrosion of nickel combustion reactors	1964
19680094261	Water-hammer in a complex piping system. Comparison of theory and experiment	1964
19680094262	Corrosion investigation of HyMu 80, INOR-8, and L nickel under fluorination conditions for processing aluminum using the molten-salt fluoride-volatility method	1964
19680094264	Coefficients of thermal linear expansion of fused hafnium carbide-carbon alloys	1964
19680094265	Axial, laminar flow of a non-Newtonian fluid in an annulus	1964
19680094271	Chemiluminescence in organic compounds	1964
19680094282	Containment proof test report - General Electric starter, model 7TAS18-S-11	1964
19680094322	New accelerometer techniques /U/ Technical documentary report, 1 May 1963 - 1 Aug. 1964	1964
19680094395	Noise prediction methods for gas turbine engines	1964
19680094398	Properties of ATJ graphite	1964
19680094402	Aerosol particle motion in molecular diffusion processes	1964
19680094413	Measurements of solar radiation on the 20-CM and 3-CM wavelengths during the solar eclipse of 30 June 1954	1964
19680094414	Photoelectric determination of granular size distribution in an aerosol	1964
19680094467	Preliminary survey of acceleration and pilot disorientation problems in army aircraft	1964
19680094469	Evaluation of Willson and American Optical under the helmet type ear protective devices	1964
19680094471	The separating nozzle method. 2. The physical bases of the separating effect and the specific power requirements of the method	1964
19680094472	The separating nozzle method. 3. Separation of uranium isotopes	1964
19680094473	Generation of an intense, partially monochromatized hydrogen molecular beam with a Laval nozzle	1964
19680094475	A ruby laser with high mode selectivity	1964
19680094480	The oxygen delivery rate of human blood Summary report, Jan. 1961 - Dec. 1963	1964
19690066298	The development of a shell molding technique for producing prototype launch vehicle castings Final report, Jun. 28 1962 - Jun. 29 1964	1964
19690066622	Hydrogen permeation through metals	1964
19690066707	The validity of the straightahead approximation in space vehicle shielding studies	1964
19690067241	On the ionizing efficiency of meteors	1964
19690067364	Evaluation of wear and contamination generation of hydraulic components Interim report, Jun. - Jul. 1964	1964
19690067475	FORTTRAN program for plug nozzle design	1964
19690067476	Monte Carlo application for developing a design reliability goal compatible with small sample requirements	1964
19690067477	Effect of nuclear radiation and cryogenic temperatures on engineering materials	1964
19690067488	Developments of techniques for explosive stretch forming of aluminum alloy 2219-T37	1964
19690067489	Launch vehicle systems cost model	1964
19690067491	Metallurgical evaluation of a new aluminum casting alloy developed for space vehicle use at cryogenic temperatures	1964
19690067727	The scattering of polarized protons by complex nuclei	1964
19690068161	Fourth reliability assessment for the orbiting geophysical observatories	1964
19690068162	Fifth reliability assessment for the orbiting geophysical observatories	1964
19690068315	EOGO triaxial search coil magnetometer Final engineering report	1964
19690069385	Development of a 20 watt 35 GHz traveling- wave tube for space application Final report	1964
19690069802	Space Programs Summary No. 37-30	1964
19690069805	Space Programs Summary No. 37-28	1964
19690071706	Review of NERVA Heat Transfer Analysis - NERVA Program	1964
19690071763	Ion exchange studies of complex formation	1964
19690072144	Damping in multi-beam vibration analyses. Part 2 - Damping properties of Saturn 1 dynamic test vehicle SAD-6	1964
19690072357	Antenna /210 ft/ facilities in southeast Australia and southern Europe. Volume 1 - Preliminary engineering report	1964
19690073319	Some Dynamic Stability Characteristics of Models of Proposed Apollo Configurations at Mach Numbers from 1.60 to 2.75	1964
19690073722	Design report for RL10A-3-1 rocket engine	1964
19690073818	High response, low level thrust measurement system Design summary report	1964
19690074796	Analysis of the procedures for the assembly, checkout and launching of space vehicles	1964
19690074942	Astronaut Tethering and the Gemini Vehicle	1964
19690076082	Information regarding Vindicator Mountain, Nevada, as a possible test site for NASA. Remote Sensing Program. Also, information on proposed route of naval research radar craft Technical letter	1964
19690076086	Geologic Reconnaissance Report of the Pisgah Crater, California Area Technical Letter	1964
19690076245	Analysis of periodic thermal loads imposed on environmental control systems - A computer program	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077126	Low frequency crossed-field amplifier Final development report, 20 Dec. 1966 - 30 Jun. 1968	1964
19690082030	Relays /miniature/ - Study relating to enclosures, headers, terminals	1964
19690086515	Feasibility study of a photo reflectronics image tube Interim technical report, 1 Feb. - 30 Apr. 1964	1964
19690086561	Experimental ultrasonic studies on the incipience and propagation of fatigue cracks	1964
19690086562	Boronizing of high-melting transition metals	1964
19690086680	Measurement of turbulence in the Liverpool University turbomachinery wind tunnels and compressor	1964
19690086690	Electrochemical oxidation of saturated hydrocarbons Interim technical report, 1 May - 30 Oct. 1964	1964
19690086733	Directed sound, derivation of the characteristic quantities	1964
19690086745	Navigation equipment capability analysis program	1964
19690086751	Feasibility study of a photo reflectronics image tube Interim technical report, 1 May - 31 Jul. 1964	1964
19690086866	Fluid mechanics check valve p/n 1-3381 S/N 6158-1 Engineering test report	1964
19690086885	Calmech Manufacturing Corporation 1/2 inch check valve P/N 579, 3,000 psig service	1964
19690086899	Studies of propagation of electromagnetic waves over an absorbent surface	1964
19690086941	Reliability testing of single-axis gyro package Final report	1964
19690086967	Discussion of various alignment methods	1964
19690086971	The oxidation of L-605 and X-40	1964
19690087039	Autoclave check valve part number CBX-9901	1964
19690087116	Reusable launch vehicle concepts /U/	1964
19690087189	A stretch computer program for the computation of Brouwer-Lyddane constants of a satellite from osculating orbital elements /Brouwer-Lyddane/	1964
19690087224	Fire detection system for the YAT-28E ship no. 2 and no. 3 and fire extinguishing system for the YAT-28E ship no. 2	1964
19690087283	Marotta 2-way solenoid valve model no. MV212H part no. 227294-1	1964
19690087291	Model Analysis of NASA Saturn 5 Crawler- Transporter Final Report	1964
19690087319	WKM 3 1/16 inch, Mark 151, balancing stem, parallel expanding gate valve, figure no. 92782	1964
19690087320	WKM 29/16 inch, Mark 151, balancing stem parallel expanding gate valve figure no. 92781	1964
19690087321	Control components 9/16 inch check valve P/N VC109A 6000 psig service	1964
19690087392	Evaluation of Dill Mfg. Co., tank fill valve, part number SK-20420	1964
19690087415	Evaluation of aircraft support for Project Apollo and implementation plan for prototype aircraft	1964
19690087454	Trajectory data book AC-4	1964
19690087474	A Stretch computer program for input generation	1964
19690087704	Integration and test of the Nimbus meteorological satellite - Prototype spacecraft Operating time/failure chart no. 4	1964
19690087705	Spacecraft cleaning kit mechanics tool kit assembly spacecraft access platforms and ladder set	1964
19690087731	Integration and testing of the Nimbus meteorological satellite. Operating time/failure chart no. 4 - Flight spacecraft ser. no. 301 Nimbus A	1964
19690087753	NIFTE diagrams, volume 6	1964
19690087755	Nimbus spacecraft model survey - Vibration test second preliminary data release /task 628-05/, addendum A	1964
19690087759	Guidance document for 39-FT vacuum thermal test - Data handling and analysis. Nimbus spacecraft - Flight no. 1	1964
19690087782	Test report for debug and compatibility tests of F-6A APTS	1964
19690087790	Laboratory logbook 2, Nimbus C, flight 2, Nimbus control system	1964
19690087798	Radiant heat transfer study. Volume 1 - Analytical program /U/ Final report, 1 Jun. 1963 - 30 Jun. 1964	1964
19690087848	Flight unit 2, C configuration command clock Nimbus subsystem	1964
19690087851	Environmental test report flight unit no. 1 "C" configuration command clock Nimbus subsystem	1964
19690087879	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Monthly progress letter, Mar. 1964	1964
19690087891	Instruction manual for the APTS bench check equipment and the APTS integration test equipment	1964
19690087892	Instruction manual for the Automatic Picture Transmission Subsystem /APTS/ satellite equipment, flight models F2 and F4 for TIROS meteorological satellite	1964
19690087900	Nimbus meteorological satellite. PMR van readiness count-down procedures	1964
19690087901	Calibration curves. Flight no. 1 vehicle, Nimbus A - Power subsystem F-4 battery system	1964
19690087903	A functional description of stabilization and control subsystem for the Nimbus satellite /flight vehicle/, revision 1	1964
19690087924	Nimbus meteorological satellite. Operating and maintenance manual. Leak test component assembly and gas charging hose assembly	1964
19690087926	Nimbus spacecraft modal survey. Vibration test second preliminary data release	1964
19690087927	Integration and testing of the Nimbus meteorological satellite, operating time failure chart, prototype spacecraft - Nimbus A	1964
19690087949	Calibration curves flight no. 1 vehicle Nimbus A high resolution infrared radiometer subsystem	1964
19690087952	Nimbus meteorological satellite operating and maintenance manual, paddle hub clamp and deployment support fixture	1964
19690087998	Instructions and supporting materials for NTCC internal exercises	1964
19690088001	Nimbus spacecraft squib tests Final report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088005	Calibration curves flight no. 1, vehicle Nimbus "A". APT subsystem, SN-5	1964
19690088007	MSVP failure analysis of guidance J-box /Nimbus/	1964
19690088012	Prototype unit "C" configuration command clock Nimbus subsystem	1964
19690088013	Integration and testing of the Nimbus meteorological satellite. Prototype spacecraft - Nimbus A	1964
19690088014	Report on data analysis of flight sensory ring thermal/vacuum test, 13-19 January, 1964	1964
19690088025	APT subsystem interface test report, Gilmore Creek, Alaska	1964
19690088027	NDHS final test report	1964
19690088030	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Mar. - May 1964	1964
19690088031	Reliability assessment study of the Nimbus command clock system Interim report	1964
19690088033	Stabilization and control subsystem. Nimbus meteorological satellite, phase 1 prototype and flight Monthly progress reports, Mar. 1964	1964
19690088035	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Test log for flight model F-3, supplement no. 1	1964
19690088037	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Jun. - Aug. 1964	1964
19690088042	Nimbus meteorological satellite - Integration and testing Quarterly progress report, 16 Nov. 1963 - 15 Feb. 1964	1964
19690088048	Operating time summary - Flight S/N 301 spacecraft - Nimbus A	1964
19690088049	Vibration qualification of Nimbus stabilization and control subsystem nozzles Final report	1964
19690088058	Flight spares unit, C configuration command clock, Nimbus subsystem	1964
19690088059	Flight adapter handling fixture, separation spring inspection fixture, control and sensory subsystem check of alignment, surface plate assembly, Agena/adaptor interface inspection tool	1964
19690088060	Report on data analysis of flight sensory ring thermal/vacuum test, January 13-19, 1964	1964
19690088066	Environmental test report no. 2 Flight unit no. 3, A configuration command clock	1964
19690088069	Flight unit no. 1, A configuration command clock, Nimbus subsystem	1964
19690088070	Matrix over ride box	1964
19690088072	Maintenance manual for the Nimbus C command clock subsystems	1964
19690088082	Solar-conversion power supply subsystem for Nimbus satellite Quarterly technical report, 5 Feb. - 5 May 1964	1964
19690088084	Interface test report for the AVCS/HRIR subsystem at Gilmore Creek, Alaska	1964
19690088095	Nimbus launch site operational console - Technical manual for operation, service, and repair, revision A	1964
19690088101	Instruction manual for the ground checkout equipment for the solar-conversion power supply subsystem modules	1964
19690088105	Nimbus a Spacecraft - Structural Analysis	1964
19690088110	Nimbus data handling system equipment integration Final report	1964
19690088111	Nimbus C flight no. 2, Nimbus control system - Laboratory logbook no. 4	1964
19690088123	Interface test report for the AVCS/HRIR subsystem at GSFC	1964
19690088126	Nimbus spacecraft modal survey. Vibration test, addendum A Final report	1964
19690088128	NIMCO system development test log sheets, book nos. 2, 3, 4 12/12/64 pages 1-50, NIMCO 102, /SAD-T/Y/, pages 1-48, 1/5/64	1964
19690088129	Nimbus Test Equipment and Cable Assemblies AGE/PMR - Reference Manual	1964
19690088130	Nimbus meteorological satellite - Integration and testing Quarterly progress report, 16 Feb. - 15 May 1964	1964
19690088135	Integration and testing of the Nimbus meteorological satellite. Prototype spacecraft - Nimbus A Operating time summary report no. 3	1964
19690088137	Nimbus integration and test - 39 foot Nimbus chamber test equipment	1964
19690088139	Test plan - Nimbus shroud separation tests with redesigned components, revision 2	1964
19690088141	Integration and testing of the Nimbus meteorological satellite - Flight spacecraft, SR 301 - Nimbus A Operating time/failure chart report	1964
19690088147	Operation of Nimbus CDA computer systems Quarterly progress report, Jul. - Sep. 1964	1964
19690088148	Operation of Nimbus CDA computer systems Quarterly progress report, Apr. - Jun. 1964	1964
19690088149	Interface test report for the command-clock ground station at GSFC	1964
19690088151	Prototype spacecraft - Nimbus A	1964
19690088152	Report on the reliability analysis of the Nimbus stabilization and control subsystem	1964
19690088153	Operation of Nimbus CDA computer systems Monthly progress report, Aug. 1964	1964
19690088154	Nimbus meteorological satellite - Phase 1 prototype and flight Monthly progress reports	1964
19690088160	Liquid air vaporizing system study and preliminary design /U/ Final report	1964
19690088174	Stochastic optimization of ship's inertial navigation systems, volume 2 /U/ Final report	1964
19690088177	Integration and testing of the Nimbus meteorological satellite operating time failure chart no. 2, prototype spacecraft - Nimbus A	1964
19690088179	Nimbus flight 1 sensory ring thermal-vacuum test Data analysis report, 19 Jan. - 29 Feb. 1964	1964
19690088180	Operation of Nimbus CDA computer systems Quarterly progress report, Jan. - Mar. 1964	1964
19690088181	Operation of the Nimbus CDA computer systems Monthly progress report, Oct. 1964	1964
19690088183	Operation of Nimbus CDA computer systems Monthly progress report, Sep. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088184	Instruction manual - Nimbus launch console load simulator	1964
19690088188	Calibration curves flight no. 1 vehicle Nimbus A pulse code modulation subsystem	1964
19690088197	Environmental testing of the Nimbus solar platform deployment system and report of tests performed for calibration of Nimbus coarse sun sensors and solar array sun sensors Final report	1964
19690088198	Integration and testing of the Nimbus meteorological satellite operating time failure chart no. 2, flight spacecraft ser. no. 301 - Nimbus A	1964
19690088203	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Monthly progress letter, Sep. 1964	1964
19690088217	Nimbus data systems operational programs Monthly progress report	1964
19690088222	Data evaluation guide Nimbus A flight	1964
19690088233	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Sep. 1964	1964
19690088234	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter	1964
19690088237	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Quarterly technical report, Jul. - Sep. 1964	1964
19690088251	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter for May 1964	1964
19690088255	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter for Feb. 1964	1964
19690088256	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter for Mar. 1964	1964
19690088257	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite - Test log for APT Tiros flight model F-4	1964
19690088258	Solar conversion power supply subsystem for Nimbus satellite Monthly letter report, Aug. 1964	1964
19690088265	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Monthly progress letter for Aug. 1964	1964
19690088266	Interface test report for the PCM ground station at GSFC	1964
19690088267	Interface test report for the PCM ground station at Gilmore Creek, Alaska	1964
19690088268	Report of NDHS system test no. 1 at Gilmore Creek, Alaska	1964
19690088269	Nimbus data handling system equipment integration Monthly progress report	1964
19690088272	Nimbus operations and procedures manual. Volume 3 - Nimbus data handling system	1964
19690088273	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Monthly progress letter for Nov. 1964	1964
19690088274	Nimbus data systems operational programs Final monthly progress report, Apr. 1964	1964
19690088275	Nimbus data handling system equipment integration Monthly progress report, Apr. 1964	1964
19690088276	Report on data analysis of the prototype spacecraft Technical report, 12 Feb. - 18 Mar. 1964	1964
19690088277	Stabilization and control subsystem - Nimbus meteorological satellite, phase 1 prototype and flight Monthly progress reports, Apr. 1964	1964
19690088278	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Monthly progress letter, Jun. 1964	1964
19690088285	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Nov. 1964	1964
19690088286	Operation of Nimbus CDA computer systems Monthly progress report, Jul. 1964	1964
19690088288	Operation of Nimbus CDA computer systems Monthly progress report, May 1964	1964
19690088289	Operation of Nimbus CDA computer systems Monthly progress report, Apr. 1964	1964
19690088290	Operation of Nimbus CDA computer systems Monthly progress report, Mar. 1964	1964
19690088291	Nimbus data systems operational programs Monthly progress report, Feb. 1964	1964
19690088301	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite, Monthly progress letter, Jul. 1964	1964
19690088305	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Jun. 1964	1964
19690088308	Development of a dielectric-tape camera system for the Nimbus meteorological satellite - Final performance test plan	1964
19690088310	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Monthly progress letter for Oct. 1964	1964
19690088318	Preliminary data release, Nimbus dynamic analysis-payload clearance	1964
19690088320	Volatilization, sublimation, thermal decomposition, and smoking of spacecraft materials in the ascent environment	1964
19690088333	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter, May 1964	1964
19690088336	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter for Mar. 1964	1964
19690088341	Instruction manual for the Automatic Picture Transmission Subsystem /APTS/ satellite equipment	1964
19690088346	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter, Jun. 1964	1964
19690088347	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter, Oct. 1964	1964
19690088350	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter, Jul. 1964	1964
19690088352	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite - Environmental test plan for AVCS prototype and flight models, revision 2	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088359	Command ground station interface test report	1964
19690088364	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter, Nov. 1964	1964
19690088368	Project GRIPE Final engineering report	1964
19690088372	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter	1964
19690088376	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter for Apr. 1964	1964
19690088382	Nimbus data handling system equipment integration Monthly progress report	1964
19690088383	NDHS electrical interface report /GSFC/	1964
19690088386	Stabilization and control subsystem. Nimbus meteorological satellite. Phase 1 - Prototype and flight Monthly progress reports	1964
19690088387	Solar-conversion power supply subsystem for Nimbus satellite. Nimbus battery task force study sealed nickel-cadmium storage cells Final technical report	1964
19690088393	Integration and testing of Nimbus meteorological satellite - Flight spacecraft S/N 301 Operating time summary report no. 3	1964
19690088394	Integration and testing of the Nimbus meteorological satellite operating time failure chart no. 3, flight spacecraft ser. no. 301 - Nimbus A	1964
19690088395	Integrating and testing of the Nimbus meteorological satellite	1964
19690088407	Bench checkout procedures for HRIR satellite equipment	1964
19690088410	Nimbus spacecraft modal survey. Vibration test third preliminary data release /task 628-05/	1964
19690088419	Operation of Nimbus Technical Control Center /NTCC/ Final monthly progress report	1964
19690088421	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Quarterly report, 7 Oct. 1963 - 28 Feb. 1964	1964
19690088423	Nimbus meteorological satellite - Integration and testing Quarterly progress report, 16 May - 15 Aug. 1964	1964
19690088425	Solar conversion power supply subsystem for Nimbus satellite. Volume 2 - Solar-cell platforms Interim technical report	1964
19690088438	Paddle latch safety clamp tests and yaw nozzle tube tests Final report	1964
19690088441	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Dec. 1963	1964
19690088443	Solar-conversion power supply subsystem for the Nimbus meteorological satellite - Telemetry calibration curves for NOS flight-4 power supply subsystem	1964
19690088445	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Calibration data for APT Tiros flight model camera F-2 after requalification	1964
19690088448	Nimbus data handling system equipment integration Monthly progress report, Feb. 1964	1964
19690088461	Bibliography of research and development reports, part 2	1964
19690088463	GRIPE subsystem interface	1964
19690088491	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Final report	1964
19690088495	System integration test plan for the Nimbus data handling system tests at General Electric	1964
19690088498	Nimbus spacecraft adapter assembly drop test - Phase 4. Engineering test report, model DA-91	1964
19690088503	NDHS integration test procedures - GSFC	1964
19690088506	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter, Jan. 1964	1964
19690088507	Operation of Nimbus CDA computer systems Monthly progress report, Feb. 1964	1964
19690088508	GRIPE subsystem interface test report	1964
19690088509	Integration and testing of the Nimbus meteorological satellite Failure summary report no. 14	1964
19690088510	PCM ground station interface test report	1964
19690088515	Acceptance test specification for the CDC-924 telemetry program	1964
19690088525	Thermal design considerations for the Nimbus attitude control subsystem	1964
19690088535	Operation of Nimbus Technical Control Center /NTCC/ Monthly progress report, Jan. 1964	1964
19690088536	Advanced SNAP 10A powered operational meteorological satellite	1964
19690088540	Integration and testing of the Nimbus meteorological satellite Failure summary report	1964
19690088543	Nimbus data handling system equipment integration Monthly progress report	1964
19690088560	Nimbus LV-2/01/399/6201 post launch investigation report	1964
19690088562	Flight unit no. 2 "A" configuration command clock Nimbus subsystem Environmental test report no. 2	1964
19690088575	X-108 subsystem interface test report, revision, A	1964
19690088588	Design specification and program description pre-gridding module, version 2	1964
19690088598	Distortion of output signals from Nimbus PCM/Beacon transmission as a function of loading	1964
19690088617	Nimbus - Agena final design review	1964
19690088621	NIMBUS Operations and Procedures Manual. Volume 2 - Nimbus Technical Control Center	1964
19690088634	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite. Test log for flight model F-3	1964
19690088637	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Quarterly technical report, Apr. - Jun. 1964	1964
19690088638	Design study of the rectification and gridding mosaic processor Quarterly report, 1 Jul. - 1 Oct. 1964	1964
19690088683	NASA/Agena satellite and probe missions Weight and performance status report, 1 Jan. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088684	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Quarterly progress report, 1 Mar. - 30 Jun. 1964	1964
19690088690	Technical manual. Operation, service, and repair - Nimbus prototype stabilization and control subsystem	1964
19690088691	Instruction manual for the Advanced Vidicon Camera Subsystem /AVCS/ satellite equipment, supplement 1	1964
19690088692	Development of a dielectric-tape camera system for the Nimbus meteorological satellite - Ground support equipment design study report	1964
19690088694	Acceptance test procedures and results for the Nimbus operational gridding system computer program	1964
19690088695	Stabilization and control subsystem Nimbus meteorological satellite Monthly progress report	1964
19690088696	Stabilization and control subsystem Nimbus meteorological satellite Monthly progress report	1964
19690088760	Interference prediction model development and validation	1964
19690088768	Instruction manual for the AVCS and HRIR demultiplexer test sets	1964
19690088771	Interference prediction model validation single-sideband capabilities	1964
19690088812	Stabilization and control subsystem, Nimbus meteorological satellite. Phase 1 prototype. Flight Monthly progress reports, Jan. 1964	1964
19690088821	AVCS/HRIR subsystem interface test report	1964
19690088822	NDHS electrical interface report /Alaska/	1964
19690088825	Stabilization and control subsystem. Nimbus meteorological satellite. Phase 1 - Prototype and flight Monthly progress reports	1964
19690088826	Stabilization and control subsystem. Nimbus meteorological satellite. Phase 1 - Prototype and flight Monthly progress reports	1964
19690088830	Nimbus data handling system equipment integration Monthly progress report	1964
19690088832	Nimbus operations and procedures manual. Volume 1 - Nimbus operations plan	1964
19690088836	Structures report no. SS/814/5522 dynamic analysis of the Nimbus /13205/ padder deflections	1964
19690088850	Operation of the Nimbus CDA computer systems Monthly progress report, Dec. 1964	1964
19690088851	Integration and testing of the Nimbus meteorological satellite Failure summary report no. 18	1964
19690088859	Reference manual - Nimbus console - blockhouse AGE/AFWTR	1964
19690088862	Nimbus countdown manual LV-2/01/399/6201	1964
19690088865	Instruction manual for the AVCS/HRIR subsystem CDA ground station equipment GSE-3, volume 1	1964
19690088868	Solar-conversion power supply subsystem for Nimbus satellite Quarterly technical report, 5 Nov. 1963 - 5 Feb. 1964	1964
19690088871	Instruction manual for the ground checkout equipment for the solar cell platforms	1964
19690088875	Bibliography of research and development reports, part 1 revision 30	1964
19690088878	Leaky cell module thermal-vacuum test Final report	1964
19690088879	Operations manual, digital computers, Nimbus CDA station /Alaska/, volume 4 addendum	1964
19690088881	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite	1964
19690088882	Investigation report Nimbus Agena vehicle 6201 propellant loading anomalies	1964
19690088886	Nimbus F-6 power supply parts application program	1964
19690088890	HRIR photofacsimile recorder, technical manual	1964
19690088899	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Jan. 1964	1964
19690088906	Test log and calibration curves for HRIR satellite equipment flight model F-5	1964
19690088909	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite	1964
19690088914	Nasa Agena satellite and probe missions - Weight and performance status report,	1964
19690088915	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Test log for flight model F-5B	1964
19690088919	A design study report of the data code grid demodulator-printer	1964
19690088921	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Monthly progress letter, Jan. 1964	1964
19690088922	Work statement and cost proposal for the data code grid demodulator-printer for APT ground station	1964
19690088923	A technical proposal for the data code grid demodulator-printer for APT ground station	1964
19690088935	Retest of Nimbus shroud system with redesigned components Engineering test report, 3-22 Jun. 1964	1964
19690088939	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Monthly progress letter	1964
19690088941	A-12 shroud flight ground test evaluation	1964
19690088942	Test and redesign of adapter antennas	1964
19690088954	Stabilization and control subsystem, Nimbus meteorological satellite. Phase 1 - Prototype and flight Monthly progress reports, Oct. 1964	1964
19690088955	Report of NDHS system tests at General Electric	1964
19690088956	Operation of Nimbus Technical Control Center /NTCC/ Monthly progress report, Feb. 1964	1964
19690088959	NASA Agena satellite and probe missions Weight and performance status report for 1 Feb. 1964	1964
19690088964	Nasa Agena satellite and probe missions - Weight and performance status report	1964
19690088980	Countdown manual for NASA vehicle LV-2/01/399/6201 and Nimbus Complex 75-1, Pad 1	1964
19690088982	Integration and testing of the Nimbus meteorological satellite Failure summary report no. 17	1964
19690088984	Advanced Vidicon Camera Subsystem /AVCS/ satellite equipment, instruction manual	1964
19690088985	Integration and testing of the Nimbus meteorological satellite Failure summary report, period ending 8 Nov. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088986	Nimbus meteorological satellite integration and testing Materials report no. 6	1964
19690088987	Integration and testing of the Nimbus meteorological satellite Failure summary report no. 16	1964
19690088988	Solar conversion power supply subsystem for Nimbus satellite Quarterly technical report, 5 May - 5 Aug. 1964	1964
19690089000	Instruction manual for the clock receiver subsystem satellite equipment prototype no. 3, flight no. 3, 4, and 5	1964
19690089006	Stabilization and control subsystem. Nimbus meteorological satellite, phase 1 prototype and flight	1964
19690089007	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress report, Feb. 1964	1964
19690089012	Nimbus data handling system operational training program	1964
19690089019	Operation of the Nimbus CDA computer systems Monthly progress report, Nov. 1964	1964
19690089024	Evaluation of temperature compensated oscillators	1964
19690089025	Data code grid demodulator printer Final test report	1964
19690089026	Nimbus spacecraft adapter assembly drop test, phase 3	1964
19690089029	Integration and testing of the Nimbus meteorological satellite Failure summary report no. 15	1964
19690089030	Stabilization and control subsystem Nimbus meteorological satellite, phase 1 prototype and flight Monthly progress reports	1964
19690089033	Gripe subsystem interface test report - Gilmore Creek, Alaska	1964
19690089091	Operation Nimbus CDA computer systems Monthly progress report	1964
19690089096	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Quarterly technical report, Jan. - Mar. 1964	1964
19690089108	D-49 stereoscopic rangefinder /U/	1964
19690089118	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter report, Aug. 1964	1964
19690089127	Nimbus AVCS-F4 bench checkout data	1964
19690089129	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite - Test log, calibration curves, and photometric calibration flight model camera F-3, revision	1964
19690089130	Test log and calibration curves for HRIR satellite equipment flight model F-4	1964
19690089146	Test log and calibration curves for HRIR satellite equipment flight model F-3	1964
19690089182	Nimbus shroud pivot bracket static test	1964
19690089190	Digital computers, Nimbus CDA station /Alaska/, operations manual. Volume 4 - Computer programs description and operating instructions	1964
19690089200	Nimbus data handling system manual	1964
19690089206	Description and operating instructions for CDC 160-A real time programs for Nimbus integration and test	1964
19690089210	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite, revision 2	1964
19690089217	Pressure regulating valve Marotta model RV35C part number 220124-23	1964
19690089228	Nimbus data handling system equipment integration Monthly progress report, Jan. 1964	1964
19690089239	Vacco balanced relief valve part no. BPR-10P-X54610, serial no. 8698-1	1964
19690089241	Tescom Corporation 1/4 inch motor operated regulator model no. 269-08, 6000 psig service	1964
19690089249	Control components relief valve part no. RV810-GR4-11 serial no. c-00039	1964
19690089257	Tescom hand loader regulator model no. 26-1021-10-d16 serial no. 1255	1964
19690089259	A review of pre-detection recording	1964
19690089261	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite - Test log, calibration curves, and photometric calibration flight model camera F-1	1964
19690089394	One inch APCO manual valve P/N 553100 S/N 1	1964
19690089401	A FORTRAN program for iterative guidance mode trajectory computations	1964
19690089403	Evaluation of pyrophoric effects of titanium in pure oxygen environment Final report, 23 Jan. 1963 - 20 Feb. 1964	1964
19690089464	Protection of superconducting coils with fast switching silicon controlled rectifiers	1964
19690089502	Vacco manual valve part no. M-10P-X4012-2G, serial no. 8849-1	1964
19690089535	Two 1/2 inch Vacco manual valve part no. M-10P-X4011-2G serial no. 8848-1	1964
19690089550	Advanced Vidicon Camera Subsystem /AVCS/, for the Nimbus meteorological satellite Monthly progress letter, Sep. 1964	1964
19690089584	Hydrogen-oxygen prototype fuel cell Quarterly interim engineering report, period ending 29 Feb. 1964	1964
19690089587	An apparatus for evaluating the dispersibility of fine powders	1964
19690089620	Solid state plasma microwave generators Interim engineering report, 1 Jun. - 31 Aug. 1964	1964
19690089656	Investigation of the boron phosphide system Interim engineering report, 12 Aug. - 12 Nov. 1964	1964
19690089694	A computer program for the computation of osculating orbital elements using the Brouwer method	1964
19690089731	Flip flop element	1964
19690089757	Dual extender element	1964
19690089784	Sinterability of thorium-uranium-dicarbide fuel kernels. Project Dragon	1964
19690089786	Impregnation of graphite specimens using the furfuryl alcohol impregnation process. Project Dragon	1964
19690089788	Development of a single-stage mechanical accelerator	1964
19690089801	Satellite orbits and their geophysical uses - An introduction	1964
19690089835	Solid state plasma microwave generators Interim engineering report, 1 Sep. - 30 Nov. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089843	Radiographic inspection of fusion welds	1964
19690089870	A heat sterilizable glass electrode for microbiological application	1964
19690089896	Test report of vibration, rough handling, and air tightness tests on container, shipping and storage Mark 399 Mod O for one guided missile, YAGM-45A	1964
19690089923	Aerodynamic characteristics for structural analysis XB-70 air vehicles no. 1 and 2, volume 2	1964
19690089975	Space cabin simulator - Atmospheric contamination calibration	1964
19690090000	Some twin model tests of centrebody nozzles with parallel shrouds	1964
19690090101	Behavior of various adsorbates on metal substrates Quarterly progress report, 3 Jun. - 31 Aug. 1964	1964
19690090102	Behavior of various adsorbates on metal substrates Quarterly progress report, 1 Sep. - 30 Nov. 1964	1964
19690090123	Behavior of thin alkali metal layers on refractory metal substrates Monthly progress report, 1-29 Feb. 1964	1964
19690090124	Behavior of thin alkali metal layers on refractory metal substrates Monthly progress report, 1-31 Jan. 1964	1964
19690090125	Behavior of thin alkali metal layers on refractory metal substrates Monthly progress report, 1-30 Apr. 1964	1964
19690090163	Improved techniques for power conditioning for ion thruster application Monthly progress report, 28 Oct. - 30 Nov. 1964	1964
19690090195	Fabrication and testing of liquid-mercury cathodes in an electron bombardment ion thruster Quarterly report, 1 Aug. - 31 Oct. 1964	1964
19690090219	Pulse width modulated bridge inverter employing silicon power transistors Monthly report, 31 Aug. - 30 Sep. 1964	1964
19690090220	Pulse width modulated bridge inverter employing silicon power transistors Monthly report, 30 Sep. - 31 Oct. 1964	1964
19690090229	Phase shifted inverters employing silicon gate controlled switches Monthly progress report, 1-31 Oct. 1964	1964
19690090232	Progress in the design, development, fabrication, test and delivery of an experimental model of a high efficiency, lightweight, reliable power converter for ion thrusters Monthly progress report, 24 Aug. - 30 Sep. 1964	1964
19690090242	Pulse width modulated bridge inverter employing silicon power transistors Monthly report, 1-30 Nov. 1964	1964
19690090267	Annin manual valve 2 1/2-in, 10,000 psi, model t610, serial no. 30517-1-1	1964
19690090271	Pacific 1 1/2-in manual valve P/N 1 1/2-2500Y-12K-GL, 6000 psig service	1964
19690090321	Brayton cycle study /U/	1964
19690090357	Saturn monthly technical progress report, July 1964 /U/	1964
19690090371	The state of the art of thermoelectricity, volume 2 /U/	1964
19690090468	Phase shifted inverters employing silicon gate controlled switches Monthly progress report, 1-30 Nov. 1964	1964
19690090476	Behavior of thin alkali metal layers on refractory metal substrates Monthly progress report, 1-31 Mar. 1964	1964
19690090479	Research on a superconducting niobium-thorium eutectic alloy and superconducting composites Quarterly report	1964
19690090501	Research on a superconducting niobium-thorium eutectic alloy Quarterly report	1964
19690090513	Shuttle valve P/N B-75M03977, test report	1964
19690090551	An analytical and experimental program for the further development of a charged liquid colloid source Monthly report, Nov. 1964	1964
19690090589	Research on a superconducting niobium-thorium eutectic alloy Quarterly report	1964
19690090635	Analysis of failure in SERT-1 flight test	1964
19690090678	J-2 program /U/ Quarterly progress report, period ending 31 Aug. 1964	1964
19690090679	J-2 program /U/ Quarterly progress report, period ending 29 Feb. 1964	1964
19690090689	F-1, H-1, J-2 and RL10 engines /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1964	1964
19690090720	F-1 engine monthly progress letter, 1-31 May 1964 /U/	1964
19690090725	Development of a 1,500,000-lb thrust /nominal vacuum/ liquid hydrogen liquid oxygen engine /U/ Monthly technical progress report, 1-31 Jan. 1964	1964
19690090740	J-2 program /U/ Quarterly progress report, period ending 31 May 1964	1964
19690090743	F-1 /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1964	1964
19690090744	F-1 /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1963	1964
19690090837	Multifunctional auxiliary propulsion module study program Monthly progress report, Nov. 1964 /U/	1964
19690090857	Space cabin life support systems engineering and development test plan. Volume 2 - Aerospace medicine man/system integration, phase 1 tests	1964
19690090867	Stress analyses of pressurized cylinders Technical report, Jan. - Jun. 1964	1964
19690090871	Space cabin life support systems engineering and development test plan. Volume 1 - Engineering tests, phase 1	1964
19690090923	MCR quarterly technical progress report for 1 January - 31 March 1964	1964
19690090924	MCR quarterly technical progress report for 1 April - 30 June 1964	1964
19690090981	Study of magnetic annular plasma accelerator Quarterly progress report, 1 Jul. - 30 Sep. 1964	1964
19690090986	Study of magnetic annular plasma accelerator Quarterly progress report, 15 Apr. - 30 Jun. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091175	A study of the explosion limits of simple difluoramino compounds Quarterly technical summary report, 1 Oct. - 31 Dec. 1963	1964
19690091202	Evaluation of Automatic Picture Transmission Ground Station /APTGS/, /NASA model/	1964
19690091209	Some considerations in satellite communications system	1964
19690091289	Development of techniques for automatic manufacture of integral circuits Interim engineering progress report, 1 May - 31 Jul. 1964	1964
19690091319	The effects of high-pressure, high-temperature hydrogen on steel	1964
19690091346	Cathode development for mercury bombardment thruster Monthly progress report, period ending Nov. 1964	1964
19690091350	Cathode development for mercury bombardment thruster	1964
19690091378	Progress report	1964
19690091388	Sputtering mechanisms under ion propulsion conditions Quarterly progress report	1964
19690091392	Experimental investigation of transients in simulated space rankine powerplants Monthly progress report, Dec. 1963	1964
19690091403	Fabrication of thrust stand system Monthly progress report, 1-30 May 1964	1964
19690091429	Alloy ionizer fabrication Monthly progress report, 13 Oct. - 30 Nov. 1964	1964
19690091442	Fabrication of thrust stand system Monthly progress report, 10-30 Apr. 1964	1964
19690091461	Calmec 3 inch automatic shut-off valve, part no. 279-CPD	1964
19690091528	Lunar mission analysis vehicle performance model and aerodynamic characteristics model DSV-3E /U/	1964
19690091723	Development and testing to establish the feasibility of building a 150 kilogauss, large volume, superconducting magnet with vapor-deposited Nb sub 3 Sn tape Monthly progress report, 1-30 Apr. 1964	1964
19690091821	Summary of an advanced manned lifting entry vehicle study /U/	1964
19690091824	Saturn 5 program development plan /U/	1964
19690091829	Exploratory development of high pressure storable engines /U/	1964
19690091853	Development of a standard comparison test procedure for initiators /U/ Monthly technical progress report, 22 Mar. - 21 Apr. 1964	1964
19690091903	Study on application of nuclear electrical power to manned orbiting space stations, phase 3. Appendix A - SNAP-8 reactor growth potential /U/ Third topical report	1964
19690091948	J-2 Program	1964
19690092195	Test lab wind tunnel test report on ground wind loads. Addendum D	1964
19690092233	MCR preliminary design report. Volume 1 - Plant description	1964
19690092234	MCR preliminary design report. Volume 4 - Power conversion equipment	1964
19690092235	MCR preliminary design report. Volume 5 - Plant control	1964
19690092236	MCR preliminary design report. Volume 6 - Plant safety	1964
19690092237	MCR preliminary design report. Volume 7 - Transportability, reliability, and maintainability	1964
19690092238	Chromatography of organic substances, part 4 - Thin-layer chromatography of carbohydrates	1964
19690092273	Development of a standard comparison test procedure for initiators Monthly progress report, 22 Apr. - 21 May 1964	1964
19690092299	Experimental determination of transport properties of high temperature gases Final report	1964
19690092384	Experimental auxiliary rocket engine program Monthly status letter report, Dec. 1964	1964
19690092403	Saturn 1B and 5 auxiliary propulsion system stage deadband requirements and maneuvering roll rates	1964
19690092550	Development of malfunction detection system sensors for large solid propellant rocket motors Program progress report, 1-29 Feb. 1964	1964
19690092600	Minutes of the presentation given by IIT about the crossed beam correlation technique	1964
19690092715	MCR quarterly technical progress report, 1 January - 31 March 1964	1964
19690093094	Radio guidance and instrumentation system MOD 3, system 1, ETR Quarterly report	1964
19690093099	Microencapsulated sealant and self-sealant components	1964
19690093111	Organo-metallic and organo-metalloidal high-temperature lubricants and related materials Technical documentary report, 15 Dec. 1962 - 15 Dec. 1963	1964
19690093147	High temperature elastomeric integral fuel tank sealant evaluations Technical report, 15 Apr. 1963 - 15 Jul. 1964	1964
19690093179	Study of parametric performance of a two-stage repetitively pulsed plasma engine /REPPAC/ Quarterly progress report	1964
19690093262	Loran to geographic conversion and geographic to loran conversion	1964
19690093310	A computer program for the analysis of large axisymmetric deflections of cylindrical shells	1964
19690093438	Development of frontal section for super-orbital, lifting, re-entry vehicle. Volume 1 - Trajectory and vehicle analyses	1964
19690093439	Development of frontal section for super-orbital, lifting, re-entry vehicle. Volume 3 - Asset nose cap	1964
19690093490	The state of the art of thermoelectricity, volume 3 1U/	1964
19690093546	Metastable austenitic forming of high strength pressure vessels Final technical documentary report, 1 Mar. 1962 - 15 Jan. 1964	1964
19690093724	Stress relaxation and curing mechanism of fluorinated elastomers Summary report, 1 Mar. 1962 - 28 Feb. 1963	1964
19690093868	Evaluation of army tactical operations central AN/MSQ-19 Final report	1964
19690093972	Hydrodynamic support equipment for Saturn 5 dynamic test	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093987	Flight evaluation support studies - Error analysis of ST-124 platform, volume 3 Final report	1964
19690094141	Force and pressure tests on a lifting type re-entry configuration at Mach 10 /U/	1964
19700025122	Effect of terrain variations on primary LEM guidance equations during phase 2 of powered descent	1964
19700071901	NASA space vehicle design criteria - Volume 3 - Structures. Part B - Loads and structural dynamics. Chapter 1 - General criteria. Section 2 - Panel flutter	1964
19700071902	NASA space vehicle design criteria - Volume 3 - Structures. Part B - Loads and structural dynamics. Chapter 1 - General criteria. Section 1 - Flutter, buzz, and divergence	1964
19700072069	The scientific objectives of deep space investigations - The satellites of jupiter	1964
19700072194	Photometric measurements of simulated lunar surfaces	1964
19700072670	Research on determination of diffusion coefficients	1964
19700073564	Transonic performance of a convergent- divergent ejector nozzle designed for a corrected secondary-weight-flow ratio of 0.07	1964
19700073587	The scientific objectives of deep space investigations - The asteroids	1964
19700074252	Functional description and general performance specifications for the Wisconsin Experiment Package Orbiting Astronomical Observatory A	1964
19700075025	Para-sail evaluation and development. Volume 1 - Aerodynamic investigations of para-sail parachutes	1964
19700075026	Para-sail evaluation and development. / Volume 2 - Design and testing of a large para-sail parachute Final technical report	1964
19700075685	Use of parametric equations to optimize a landing rocket and subsequent model testing	1964
19700075686	Saturn S-4B materials and process development Semiannual summary report, 1 Jun. 1963 - 1 Dec. 1963	1964
19700075713	Project Apollo - A proposed terminology for the LEM powered descent and landing maneuver	1964
19700075716	An evaluation of the inclusion of the dual loop suit concept into the environmental control systems of the Apollo lunar landing mission	1964
19700075744	Project Apollo - A proposed LEM descent trajectory and fuel budget	1964
19700075870	Effect of thrust-to-weight variation on LEM landing and launch operations. Project Apollo	1964
19700075871	A two-body analysis of characteristic velocity requirements necessary for the abort from a translunar mission. Project Apollo	1964
19700075872	A brief investigation of CSM rescue of LEM. Project Apollo	1964
19700075948	Saturn IB/S-IVB Stage Separation Controllability Report	1964
19700075951	Hot stamp method of wire marking Summary report /draft/	1964
19700076046	A meteoroid environment for near-earth, cislunar, and near-lunar operations	1964
19700076064	Vehicle related hydrogen hazards during preflight conditions Final report	1964
19700076068	Vehicle related hydrogen hazards during preflight conditions	1964
19700076080	S-IVB attitude control system structural cross coupling analysis	1964
19700076088	Special launch trajectory parameters for use in Apollo post flight mission analysis	1964
19700076099	Saturn S-4B-204 instrumentation program and component list	1964
19700076102	Saturn S-4-5 aft interstage panel debonding	1964
19700076103	Manufacturing plan Saturn S-4B system	1964
19700076117	Project Gemini. Preliminary study of achieving orbit using spacecraft propulsion capability	1964
19700076137	Effect of terrain variations on primary LEM guidance equations during phase 2 of powered descent	1964
19700076145	Test evaluation of various ablative materials	1964
19700076147	Project Apollo. Evaluation of pulse ratio modulation characteristics for attitude control of the lunar excursion module	1964
19700076165	Analog simulation of Apollo Block I CSM manual thrust vector control for retrofire in earth orbit	1964
19700076184	Generation of modes for loaded vehicle from empty vehicle, DSV-4B	1964
19700076193	Results of the Apollo 1 centrifuge program /engineering development and pilot familiarization/	1964
19700076196	An analytical study of the landing footprint available during LEM lunar landing approaches	1964
19700076198	Some deceleration transmission characteristics of nylon and dacron raschel netting and somyk loop fabric under impact deceleration, at impact velocities of 13.9 and 30 feet per second	1964
19700076206	Preliminary study of benefits of early corrections and RCS vernier velocity control for Apollo midcourse velocity	1964
19700076213	Test plan - Complete general protuberance heat transfer test	1964
19700076232	Saturn S-4 stage propellant tank structural analysis /preliminary/ - Model DSV-4	1964
19700076244	Apollo high altitude abort study pertaining to loss of IMU reference angles	1964
19700076252	An analog simulation study of the control of LEM body translational velocities prior to touchdown	1964
19700076254	Comparative analysis of the requirements of MIL-Q-9858 and MIL-Q-9858A to the requirements of NPC 200-2	1964
19700076260	Trajectory studies for use in determining tracking requirements for Project Apollo	1964
19700076266	An analog simulation study of the tether concept of Apollo docking control	1964
19700076272	An analog simulator study of Apollo entry monitoring systems	1964
19700076282	An engine out controllability study of the S-1B stage of the Saturn 1B vehicle model DSV-4B	1964
19700076284	Review and evaluation of fastener specifications Summary report	1964
19700076304	Reliability of solderless wire-wrap connections Summary report	1964
19700076396	Extension of investigation of CSM rescue of LEM, Project Apollo	1964
19700076413	Saturn 1B and Saturn 5 general aerodynamics model no. DSV-4B, addendum	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700076430	Effects of water dilution of fuels in small liquid bipropellant rocket engines	1964
19700076439	Lunar excursion module environmental and thermal control system optimization	1964
19700076476	Development of cross axis engine dynamic model, DSV-4B	1964
19700076479	Handling qualities of LEM spacecraft using an on-off thruster logic attitude control system	1964
19700076516	Saturn S-4B stage weight and balance status report model no. DSV-4B	1964
19700076519	Description of S-4B battleship vehicle systems, GSE, and support facilities	1964
19700076525	Lunar landing and site selection study. Phase 1 - Preselected landing site	1964
19700076531	Considerations toward the selection of supercritical cryogenic fluid anti-stratification systems for Apollo command and service module	1964
19700076532	Lunar excursion module visibility requirements	1964
19700076554	Analog simulation of the pilot controlled rendezvous maneuvers for LEM, Program Apollo	1964
19700076555	Shell modes, frequencies and structural damping of Apollo BP-9	1964
19700076576	Saturn S-4B battleship test program - Instrumentation program	1964
19700076579	Design evaluation/qualification test of thermoelectric calorimeter transducer, Douglas specification control no. 1A96572-501	1964
19700076582	Simplified analysis of LEM midcourse corrections	1964
19700076583	Para-sail evaluation - Phase 2, drop test program	1964
19700076611	Saturn S-4B materials and process development report, 1 December 1963 - 1 June 1964	1964
19700076622	Preliminary evaluation of LEM-shelf-mounted attitude display	1964
19700076625	Organization and operation for Apollo spacecraft environmental tests at Manned Spacecraft Center	1964
19700076643	Study on automation of component testing, Saturn DSV-4B	1964
19700077233	Footprints on the moon	1964
19700077252	The diffusion of space technology by means of technical publications A report based on the distribution, use, and effectiveness of 'selected welding techniques'	1964
19700077970	Pressure distributions for the M-2 lifting entry vehicle at Mach numbers of 0.23, 5.2, 7.4, and 10.4	1964
19700078226	Correlation of heat transfer data for the Apollo afterbody at Mach numbers 8 to 20	1964
19700078257	An experimental investigation of Apollo command module static flotation characteristics	1964
19700078285	Flow field and surface pressures on a blunt half-cone entry configuration at Mach numbers of 7.4 and 10.4	1964
19700078294	Characteristics of a variable-geometry entry vehicle at Mach numbers from 10.5 to 21.1 in helium flow	1964
19700078297	Aerodynamic characteristics of a blunt, half-cone entry configuration, with horizontal landing capability	1964
19700078338	Free-flight measurements of radiative heating to the front face of the Apollo reentry capsule as a function of angle of attack	1964
19700078745	Aerodynamic characteristics of models of two thick 74 deg delta manned lifting entry vehicles at low-subsonic speeds	1964
19700079310	Ranger Block 3 preliminary trajectory characteristics - Launch dates from January to June 1965	1964
19700081963	Dynamics report for CH-46A /HRB-1/ helicopter OFT device 2F75 and 2F75A Final report, Sep. 1963 - Feb. 1964	1964
19700085098	System study of an advanced LEM monopulse antenna system	1964
19700089114	SA-6 post flight review /U/	1964
19700089116	Results of the seventh Saturn 1 launch vehicle test flight /U/	1964
19700089297	Provisional limits for human tolerance to motion	1964
19700089298	Aerodynamic forces acting over the upper portions of an ACV in forward flight	1964
19700089303	Development of a prototype model seat pressure sensor, report for Jan. 1962 - May 1963	1964
19700089444	Planar array sonar system, volume 1 /U/	1964
19700089473	Stability of nylon parachute materials during storage	1964
19700089506	Meteorological rocket program. Volume 2 - Rocket support group of the meteorological data sounding system AN/UMQ-7 / / / 5 /	1964
19700089652	Lightweight coaxial cable assemblies Final report	1964
19700089738	Development of a Pelletized Propellant /U/	1964
19700089807	Development of a prototype emergency closed rebreathing portable oxygen system Final engineering report	1964
19700089942	Research on the Mossbauer Effect, Noble Gas Chemistry and Superconducting Magnets at the North American Aviation Science Center	1964
19700089962	Fundamental investigation of hypergolic ignition of solid propellants /U/ Monthly status report, 1-31 Oct. 1964	1964
19700089963	Investigation of fundamental phenomena in hybrid propulsion /U/ Monthly letter report, 1-31 Oct. 1964	1964
19700089964	Investigation of fundamental phenomena in hybrid propulsion /U/ Monthly letter report, 1-30 Nov. 1964	1964
19700089965	Investigation of fundamental phenomena in hybrid propulsion /U/ Monthly letter report, 1-30 Sep. 1964	1964
19700089967	Dual manifold injector /U/ Monthly status report, 15 Sep. - 15 Oct. 1964	1964
19700089968	Development of a Pelletized Propellant /U/	1964
19700089987	Saturn 1B vehicles /U/	1964
19700090005	Vehicle test plan Apollo mission A-002 /BP-23/	1964
19700090006	Apollo spacecraft development test plan. Volume 1 - Test program formulation Study report, 6 Nov. - 20 Dec. 1963	1964
19700090008	Preliminary weight and balance report for airframe 009	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090012	Apollo spacecraft development test plan study report. Volume 2 - Ground development test plan	1964
19700090024	Project Apollo flight test report, boilerplate 13	1964
19700090078	Apollo spacecraft development test plan. Volume 4 - Special studies /appendix/ Study report, 6 Nov. - 20 Dec. 1963	1964
19700090079	Apollo spacecraft development test plan. Volume 5 - Subsystem reviews /appendix/ Study report, 6 Nov. - 20 Dec. 1963	1964
19700090137	Detailed test plan spacecraft 009	1964
19700090140	Apollo spacecraft development test plan study report. Volume 3 - Flight development test plan	1964
19700090599	Quarterly project progress report for January, February, March 1964 /U/	1964
19700090829	Applied research to determine rocket engine design criteria for a compound A/N ₂ H ₄ propellant system /U/	1964
19700090830	Evaluation of the North American Aviation Apollo Fuel Cell Powerplant Heat Rejection System /U/	1964
19700090837	Surveyor block 2, phase 3 - A study of lunar terrain assessment	1964
19700090858	Electromagnetic interaction with the exhaust plume, volume 1	1964
19700090859	Saturn plume effects on radio transmission. A technical program plan, volume 1	1964
19700090930	Supersonic transport aircraft engine phase 2-A development program. Fuel control system study, appendix B Final report, 1 Jul. - 13 Nov. 1964	1964
19700090943	Supersonic transport aircraft engine phase 2-A development program. Fuel control system study, appendix A Final report, 1 Jul. - 13 Nov. 1964	1964
19700091038	Oceanographic Office evaluation of a variable magnification of 70 mm roll film stereoscopic viewer	1964
19700091058	Mechanical and thermal properties of grade TS-392 graphite	1964
19700091072	Reliability estimation based on extreme stress level testing	1964
19700091074	Characterization of the room temperature properties of graphite grades ATJ and HLM-85 purchased to Polaris model A3 specifications OS-10717 and W5-1049	1964
19700091079	Development of an RDX-EBW detonator	1964
19700091083	Dynamic response of circular cylindrical shells to time-dependent loads, part 1	1964
19700091084	Dynamic response of circular cylindrical shells to time-dependent loads, part 2	1964
19700091085	Dynamic response of circular cylindrical shells to time-dependent loads, part 3	1964
19700091148	Structural dynamics analysis of Atlas/Centaur AC-2 flight data	1964
19700091175	Comprehensive list of microwave tubes, supplement /U/	1964
19700091252	Feasibility study for a low light level evaluation and simulation technique Technical report	1964
19700091468	Model and test information report 1/12-scale F-111 rigid loads model, NASA Ames Research Center unitary wind tunnel tests	1964
19700091518	Manned Mars landing and return mission study. Appendix D - Nuclear engine weight and size data /U/	1964
19700091769	Phase 2-A /U/ Final report	1964
19700092148	A combination final rinsing station using Freon TF solvent	1964
19700092151	LW-1 Escape System	1964
19700092163	LS-1 escape system	1964
19700092164	LW-2C escape system	1964
19700092169	Report of electromagnetic compatibility test on solid state transponder AN/DPN-66 /SST-102A/	1964
19700092181	A Correlation of Transonic and Supersonic Aerodynamic Characteristics for Cones, Cylinders, and Flares	1964
19700092216	Brazed fluid transmitting systems, Gemini project	1964
19700092217	Progress report no. 1	1964
19700092218	Progress report no. 2	1964
19700092219	Progress report no. 3	1964
19700092220	Progress report no. 4	1964
19700092221	Progress report no. 5	1964
19700092222	Progress report no. 6	1964
19700092223	Progress report no. 7	1964
19700092224	Progress report no. 8	1964
19700092225	Progress report no. 9	1964
19700092226	Progress report no. 10	1964
19700092227	Progress report no. 11	1964
19700092228	Progress report no. 12	1964
19700092229	Progress report no. 13	1964
19700092230	Progress report no. 14	1964
19700092231	Progress report no. 15	1964
19700092232	Progress report no. 16	1964
19700092233	Progress report no. 17	1964
19700092234	Summary report	1964
19700092235	Vibrational evaluation of insulated fuel and oxidizer lines Final report	1964
19700092236	Two approaches to the Helmholtz integral for slender axisymmetric sound radiators, part 1 Final report	1964
19700092308	Materials for potassium lubricated journal bearings Status report, 22 Jan. - 22 Feb. 1964	1964
19700092309	Materials for potassium lubricated journal bearings Status report, 22 Feb. - 22 Mar. 1964	1964
19700092318	Study analysis of the facility requirements for testing advanced Rankine systems Monthly progress report, 15 Oct. - 15 Nov. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092364	Study analysis of the facility requirements for testing advanced Rankine systems Monthly progress report, 15 May - 15 Jun. 1964	1964
19700092365	Study analysis of the facility requirements for testing advanced Rankine systems Monthly progress report, 15 Apr. - 15 May 1964	1964
19700092471	The Foxboro Company power signal conditioner model Q100A1142	1964
19700092620	LM1500 engine marinization contract. Phase 1 - Fuel system bench test Final report	1964
19700092621	LM1500 engine marinization contract. Phase 1 - Corrosion laboratory materials recommendations and test results	1964
19700092655	LM1500 engine marinization contract. Phase 2 - Engine test results	1964
19700092658	LM1500 engine marinization contract. Phase 2 - Design study report	1964
19700092699	MOBIDIC programming manual, 2	1964
19700092728	DSIF communications and data handling ground equipment /design and performance requirements/	1964
19700092757	Reliability Improvement and Weight Reduction of the S-1C Stage Retro Motor	1964
19700093086	Cable, coaxial, flexible 950 ohm /foamed dielectric/	1964
19700093327	DCA communication simulation study. Simulation techniques for predicting effects of nuclear detonations on VLF/LF radio propagation	1964
19700093380	DCA communications simulation study. Program Welf 1	1964
19700093515	Gemini program review with NASA and McDonnell Aircraft Corporation	1964
19700093577	Type 2 geodetic satellite. Volume 1 - Technical report Final technical report, 25 Mar. - 20 Nov. 1963	1964
19700093602	Type 2 geodetic satellite. Volume 2, appendix - Antenna patterns Final technical report, 25 Mar. - 20 Nov. 1963	1964
19700093603	Type 2 geodetic satellite. Volume 3, appendix - Environmental test results Final technical report, 25 Mar. - 20 Nov. 1963	1964
19700093711	A vulnerability study of the effects of external air blast on the B-45 aircraft /U/ Final report	1964
19700093824	Saturn S-4 stage skirt and aft interstage structural analysis	1964
19700093857	Heat transfer dispersion study on the S-4B liquid hydrogen /LH2/ tank	1964
19700093918	Nimbus 1 real time scientific data operation Final report	1964
19700093925	Data processing for the Nimbus system Monthly progress report, 1 Jun. - 1 Jul. 1964	1964
19700093929	Data processing for the Nimbus system Monthly progress report, 1 Jul. - 1 Aug. 1964	1964
19700093933	High resolution night time cloud-cover radiometer Quarterly report, 1 Jun. - 1 Sep. 1963	1964
19700093949	Nimbus meteorological satellite subsystem, Automatic Picture Transmission subsystem /APT/ - Engineering product assurance summary, July - December 1963	1964
19700093952	High resolution night time cloud-cover radiometer Quarterly report, 1 Mar. - 1 Jun. 1963	1964
19700094006	Data processing for the Nimbus system Monthly progress report, 1 Apr. - 1 May 1964	1964
19700094007	Data processing for the Nimbus system Monthly progress report, 2 Mar. - 1 Apr. 1964	1964
19700094008	Data processing for the Nimbus system Monthly progress report, 1 Sep. - 1 Oct. 1964	1964
19700094011	Data processing for the Nimbus system Monthly progress report, 1 May - 1 Jun. 1964	1964
19700094022	Nimbus PCM equipment operation and maintenance Monthly report, 1 - 30 Sep. 1964	1964
19700094023	Nimbus PCM equipment operation and maintenance Monthly report, 1 - 30 Apr. 1964	1964
19700094025	Nimbus PCM equipment operation and maintenance Monthly report, 1 - 29 Feb. 1964	1964
19700094034	Parts application program and reliability analysis - APT subsystem	1964
19700094037	Engineering documents for the Nimbus C clock subsystem	1964
19700094040	Nimbus meteorological satellite subsystem Advanced Vidicon Camera System /AVCS/ Engineering product assurance report, 1 Jan. - 28 Aug. 1964	1964
19700094078	Nimbus PCM equipment operation and maintenance Monthly report, 1 - 31 Jan. 1964	1964
19700094084	HRIR real time transmission study Final report	1964
19700094090	High resolution night time cloud-cover radiometer Quarterly report, 1 Sep. - 1 Dec. 1963	1964
19700094128	High Resolution Night Time Cloud-cover Radiometer Quarterly Report, 1 Mar. - 1 Jun. 1964	1964
19700094134	Clean room considerations for Nimbus	1964
19700094137	Nimbus Meteorological Satellite subsystem Advanced Vidicon Camera Subsystem /AVCS/ Engineering product assurance summary, Jul. - Dec. 1963	1964
19700094140	Nimbus meteorological satellite subsystem, Automatic Picture Transmission subsystem /APT/ - Engineering product assurance report, 1 January - 28 August 1964	1964
19700094148	Use of Nimbus AVCS latitude-longitude grids	1964
19700094164	High resolution night time cloud-cover radiometer Quarterly report, 1 Dec. 1963 - 1 Mar. 1964	1964
19700094344	Optical ranging and detection of submerged objects /U/	1964
19700094427	Nimbus meteorological satellite subsystem. Solar power supply subsystem Engineering product assurance report, 1 Jan. - 28 Aug. 1964	1964
19700094431	Engineering evaluation of MRIR digital electronics	1964
19700094432	Nimbus reaction wheel damped gravity gradient stabilization studies Final report	1964
19700094435	Manned spaceflight control center implementation Quarterly progress report, 1 Apr. - 30 Jun. 1964	1964
19700094446	Manned space flight control center implementation Quarterly progress report, 1 Jul. - 30 Sep. 1964	1964
19700094472	Five-channel scanning radiometer Quarterly report, 15 Jul. - 15 Oct. 1963	1964
19700094474	Investigation of F-1 MRIR Final report	1964
19700094527	Integrated mission control center implementation Quarterly progress report, 1 Oct. - 31 Dec. 1963	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094549	Nimbus meteorological satellite subsystem, solar power supply subsystem - Engineering product assurance summary, July - December 1963	1964
19700094581	Nimbus MRIR output filter study Final report	1964
19700094603	Integrated mission control center implementation Quarterly progress report, 1 Jan. - 31 Mar. 1964	1964
19700094852	Summary of experience Nimbus spacecraft test program	1964
19700094876	Material evaluation 17-4PH CRES, H-900 condition fatigue characteristics	1964
19700095170	Synthesis of thermally-stable polymers Technical documentary report, 1 Jan. 1963 - 1 Jan. 1964	1964
19700095213	Study of low acceleration space transportation systems	1964
19700095220	Handling and transportation equipment specifications, design requirements	1964
19700095430	Model TR-4-A deep sea velocimeter	1964
19700096213	Data report for the Apollo pressure model /PS-3/ with strakes in the Langley eight-foot transonic pressure wind tunnel, volume 4, appendix B	1964
19700096220	Experimental heat transfer and pressure distributions over launch configurations of 0.045-scale Apollo model HL-1C at Mach numbers 2.98, 3.71, and 4.44	1964
19700096221	Subsonic tests of 0.125-scale Apollo FS-10A and FS-10 Apex cover jettison simulation models in NAA trisonic wind tunnel /TWT 101, 103 and 104/ Data report	1964
19700096261	Aerodynamic noise measurements on a 0.055- scale model of the Apollo/Saturn-IB launch vehicle	1964
19700096269	Data report for static pressure tests of the Apollo payload and forward portion of the S-IVB stage /PSTL-2 model/ in the Ames unitary plan wind tunnel, volume 1, 3-12 December 1963	1964
19700096271	Apollo technical manual - Propulsion analysis	1964
19700096297	Data report for static pressure tests of the Apollo payload and forward portion of the S-4B stage /PSTL-2 model/ in the Ames unitary plan wind tunnels. Volume 2 - Appendix C, tabulated data	1964
19710064709	NASA-Industry Aerospace Forum	1964
19710064729	Discussion of evidences indicating the existence of petroleum of distinct genetical histories	1964
19710064868	Preliminary analysis of plasma-sheath electron density measurements at entry velocities	1964
19710064869	Measurements of the Effects of Static Magnetic Fields on VHF Transmission in Ionized Flow Fields	1964
19710064875	Transonic Characteristics of a Hydrogen-fueled Multistage Horizontal-take-off Reusable Launch Vehicle	1964
19710064877	Stability and Control Characteristics of a Manned Lifting Entry Vehicle at Mach Numbers from 2.29 to 4.63	1964
19710064892	Investigation of the Heat Transfer to the HL-10 Manned Lifting Entry Vehicle at a Mach Number of 8	1964
19710064920	Simulated reentry tests of a method for reducing radio blackout by material addition to ionized flow field	1964
19710064929	Longitudinal Aerodynamic Characteristics of a Model of a Horizontal-take-off Reusable Launch Vehicle at Mach Numbers from 3 to 6	1964
19710064930	Aerodynamic investigation of a large winged vertical take off reusable orbital launch vehicle at Mach 0.4 to 2.1	1964
19710064933	Aerodynamic characteristics of a manned lifting entry vehicle at Mach numbers from 0.2 to 1.2	1964
19710064935	Aerodynamic characteristics of a manned lifting entry vehicle at a Mach number of 6.8	1964
19710064937	Aerodynamic characteristics of a hypersonic glider configuration at Mach numbers from 0.6 to 3.2	1964
19710064948	Aerodynamic and Stability Characteristics of a Proposed Hypersonic Glider-Booster Combination at Mach Numbers from 0.60 to 3.52	1964
19710064952	Injection and distribution of liquids in the flow fields of blunt shapes at hypersonic speeds	1964
19710064953	Space programs summary no. 37-28, volume 2 for the period 1 May - 30 June 1964. The planetary-interplanetary program	1964
19710064954	Space programs summary no. 37-27, volume 2 for the period 1 March - 30 April 1964. The planetary-interplanetary program	1964
19710064957	Space programs summary no. 37-27, volume 1 for the period 1 March - 30 April 1964. The lunar program	1964
19710065129	Space environment simulators for spacecraft testing GSFC	1964
19710065172	Electron and ion density observations in the D-region during auroral absorption	1964
19710065208	Space programs summary no. 37-29, volume 2 for the period 1 July - 31 August 1964. The planetary-interplanetary program	1964
19710065218	Space programs summary no. 37-30, volume 2 for the period 1 September - 31 October 1964. The planetary-interplanetary program	1964
19710065219	Space programs summary no. 37-28, volume 1 for the period 1 May - 30 June 1964. The lunar program	1964
19710065226	Space programs summary no. 37-30, volume 1 for the period 1 September - 31 October 1964. The lunar program	1964
19710065301	Low-speed aerodynamic characteristics of a supersonic transport model with a high-aspect-ratio variable-sweep warped wing	1964
19710065306	Effect of wing height and dihedral on stability characteristics of a 76 deg swept wing body at Mach numbers from 1.60 to 4.63	1964
19710065307	Effect of skewed wing-tip controls on a variable-sweep wing-fuselage configuration at Mach numbers from 2.60 to 4.62	1964
19710065472	Photoeffects and related properties of semiconducting diamonds	1964
19710065502	Apollo systems description. Volume 2 - Saturn launch vehicles	1964
19710065561	Mechanics of composite strengthening	1964
19710065819	Models for space environmental hazards - Radiation	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710065846	Research on the intensity distribution of very light particles reflected from a solid surface of cubic lattice structure	1964
19710065847	Production and study of a continuous plasma flow in a tube with an axial magnetic field	1964
19710065863	On non-spherical surfaces in optical instruments	1964
19710065866	Measurement of turbulent skin friction with the Preston tube	1964
19710065867	Description of a soluble poison /boric acid/ control loop to be installed in the ISPRA-2 reactor	1964
19710065874	The origin of chromospheric turbulence and the ultraviolet excesses of solar radiation	1964
19710065877	Free, plane, laminar jet of an incompressible fluid in the presence of a transverse magnetic field	1964
19710065892	Study of the distribution of interplanetary and stellar dust masses	1964
19710065893	On the occurrence of ionosphere irregularities in the F-layer	1964
19710065894	The effect of a transverse magnetic field on boundary layer separation	1964
19710065895	On the magnetohydrostatic theory of sunspots	1964
19710065896	A study of several 509 652 6p-configuration levels of the mercury atom	1964
19710065897	Contribution to the study of the erosive burning of composite rocket grains	1964
19710065899	The iron-cobalt-chromium system	1964
19710065911	The nature of water intoxication	1964
19710065943	Free, plane, laminar jet of an incompressible fluid whose viscosity is equal to the magnetic diffusivity	1964
19710065951	Comparison of photometric and ionospheric observations of the F-layer	1964
19710065952	Absorption of the D-layer and temperature of the mesosphere	1964
19710065976	The development of the Schultze duplication from the egg of Rana fusca, parts 1-4	1964
19710065977	Photometric measurements of zodiacal light and of counter glow, corrected for atmosphere luminescence	1964
19710065979	On the limits of precision of photographic observations of artificial satellites	1964
19710066003	Variations in pH and alkaline reserve during intoxication by guanidine or by water /either alone or together with posterior pituitary extract/	1964
19710066004	The conception and electrochemical study of an elementary model of a porous, triple-contact electrode	1964
19710066006	Essential preparations for landing on the moon	1964
19710066007	Aerodynamic effects of rocket jet expansion	1964
19710066008	Dynamic calibration of pressure pick-ups by the shock-tube method and automatic reduction of the response curves	1964
19710066014	Contribution to the study of the formation of sporadic E	1964
19710066023	Testing equipment at the Fluid Mechanics Laboratories of the University of Grenoble	1964
19710066027	Vapor pressure measurements and low- temperature thermometry	1964
19710066028	The behavior of small animals under the accelerative conditions found in space travel	1964
19710066029	Helical eddies of delta wings	1964
19710066030	Psychological effect of the intake and retention of unphysiologically large amounts of water in normal individuals	1964
19710066031	Analog computation of solutions of the block equations in a weak field. Application to the nuclear spin gyro	1964
19710066048	A study of the localization of the area of reaction of a monotubular, triple-contact electrode	1964
19710066051	The effect of walls on the motion of a sphere in a viscous fluid	1964
19710066056	Diffusion in a field of stationary turbulence	1964
19710066100	The glycolytic enzyme pattern of the liver, kidney, skeletal and heart muscle and brain in the rat and mouse	1964
19710066105	Experiences with and improvements of the tube voltmeter for the loss-free measurement of higher voltages	1964
19710066106	Tube voltmeter for the loss-free measurement of higher voltages	1964
19710066125	On the mechanisms of ionization and excitation in cometary atmospheres	1964
19710066140	Relativity - On the inner problem in the case of a curved space-time of spherical symmetry	1964
19710066143	The change of blood serum concentration after water intake	1964
19710066144	Effect on stability of the axial rotation of a missile containing a liquid mass	1964
19710066147	Current distribution in a superconductive sphere	1964
19710066153	Theoretical determination of a reference enthalpy for the laminar boundary layer of the flat plate. Prandtl number effect	1964
19710066154	Edemas and hyperhydration in early infancy	1964
19710066182	CANDIDE - Overall plan for possible developments of linkage of the CETIS analog and digital computers	1964
19710066185	Space time distribution of the sporadic Es- layer at high latitudes	1964
19710066193	Effect of the posterior pituitary antidiuretic hormone on the morphology of the adrenal cortex in water intoxication	1964
19710066194	Recent research on the theory of bonded joints	1964
19710066195	The problem of plasticity in beryllium	1964
19710066196	Experiments on the single scattering of electrons	1964
19710066197	Outgassing	1964
19710066202	A necessary and sufficient condition for a class /zeta/ to be a class /eta/	1964
19710066208	The development of Schultze double formations from the egg of Rana Fusca, part 5, part 6	1964
19710066209	The effect of water and sodium chloride intake on sodium chloride content in human perspiration and blood at high ambient temperatures	1964
19710066210	Free, plane, laminar jet of a noncompressible fluid in the presence of a transversal magnetic field	1964
19710066211	Theoretical study of turbulent saline diffusion in a conduit in continuous service	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710066709	The optimization of the Manned Orbital Research Laboratory /MORL/ system concept. Volume 17 - Laboratory electrical/electronic systems, electrical power	1964
19710066866	Spectrographic investigation of a shock excited ablation material	1964
19710066885	Selection of project managers in a government research laboratory - A study of the decision process	1964
19710066907	Development and verification of the relationship between atomic vibrational amplitude and thermal expansion of crystalline solids	1964
19710066911	A magnetohydrodynamic electric power generator utilizing the cyanogen-oxygen reaction seeded with cesium	1964
19710066913	Investigation of thermal conductivity gage calibrations in condensable vapors	1964
19710066937	Solutions and methods of solutions for problems encountered in the thermal design of spacecraft	1964
19710067222	An experimental investigation of the effects of ramp aspect ratio and deflection angle on laminar boundary-layer separation in hypersonic flow	1964
19710067369	A general description of radiative heating for reentry at lunar return velocities	1964
19710067879	Technical development status of Apollo guidance and navigation	1964
19710068275	Graphite oxidation at low temperature	1964
19710068280	Analysis of Apollo logistic support system payloads test facility requirements	1964
19710069673	Photographic Study of Liquid-oxygen Boiling and Gas Injection in the Injector of a Chugging Rocket Engine	1964
19710069674	Throttling characteristics of a hydrogen- oxygen, regeneratively cooled, pump-fed rocket engine	1964
19710070050	Response-to-noise studies of some aircraft and spacecraft structures	1964
19710070051	The cosmic dust on earth	1964
19710070055	Far-field sound propagation as related to space vehicle static firings	1964
19710070062	Goddard Space Flight Center. The early years - Historical origins and activities through December 1962	1964
19710070117	First United States manned three-pass orbital mission /Mercury-Atlas 6, Spacecraft 13/. Part 2 - Flight data	1964
19710070123	The Ionizing Radiation and Heating of the Upper Atmosphere	1964
19710070127	First United States manned three-pass orbital mission /Mercury-Atlas 6, spacecraft 13/. Part 1 - Description and performance analysis	1964
19710070170	Analysis of capability of NASA launch vehicles with fluorine-oxygen mixtures as an oxidant	1964
19710070343	SNAP-8 parasitic load resistor	1964
19710070372	Rotary inverter Final design review, Aug. 1963 - Dec. 1964	1964
19710070633	The natural radiation environment	1964
19710070741	A contact problem for an elastic quasi-rectangular region	1964
19710070746	Research on spacecraft and powerplant integration problems	1964
19710072515	Post Saturn technical notes missions and operation analysis, volume 1	1964
19710072697	Fredericks Company model 2A-M-B thermocouple vacuum gauges /special/	1964
19710072871	Recursive digital smoothing	1964
19710072917	The representation, detection, estimation and design of radar signals	1964
19710073024	Measurement of conductance to free molecular flow Progress report, for period ending 31 May 1964	1964
19710073025	Measurement of conductance to free molecular flow Progress report, for period ending 28 Feb. 1964	1964
19710073038	Extreme vacuum technology /below 10 to the -13 power torr/ and associated clean surface studies Summary technical report, 1 Feb. 1963 - 31 Jan. 1964	1964
19710073178	Rocket propulsion data /U/	1964
19710073670	Marotta Valve Corporation 2-inch misalignment coupling P/N 226653	1964
19710073691	Grayloc elbow assembly P/N T O H-110-GJ-2, 6000 psig service	1964
19710074065	Gray Tool Company /Grayloc/ collar-type union	1964
19710074154	Calibrated radar amplitudes for Trailblazer 1m /U/	1964
19710074353	The 1964 contractor's independent research program for Apollo support department	1964
19710074956	Qualification test report on type 4 VHF FM transmitter /LMSC part no. 1461400/	1964
19710074976	Spacecraft transport and checkout van specification /design and performance requirements/	1964
19710075006	Launch and checkout computer program configuration and control plan	1964
19710075056	Post Saturn technical notes, missions and operations analysis, volume 2	1964
19710075081	Lunar excursion module ground support planning and requirements list. Section 2 - Equipment versus site listing	1964
19710075126	Little Joe 2 test launch vehicle Quarterly progress report	1964
19710075132	Vendor requirements for attitude and translation control assembly stabilization and control subsystem	1964
19710075134	Lunar excursion module ground support planning and requirements list. 3 - Equipment versus vehicle or use listing	1964
19710075138	Quality control plan, test launch vehicle - Little Joe 2	1964
19710075153	Hardware list, Little Joe 2 project	1964
19710075154	Apollo program Monthly progress report, Feb. 1964	1964
19710075755	LEM program Monthly progress report, 1-30 Apr. 1964	1964
19710075793	Feasibility study of a cabin-air-circulation temperature control system for manned spacecraft, volume 1	1964
19710075797	Monthly progress report no. 13	1964
19710075799	Apollo guidance and navigation system - Monthly reliability progress report, February 1964	1964
19710075800	Apollo guidance and navigation system - Monthly reliability progress report, April 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075801	Apollo guidance and navigation system - Monthly reliability progress report, May 1964	1964
19710075814	FTA 1 measurements list	1964
19710075816	Preliminary scientific mission profiles for the first seven Apollo missions	1964
19710075823	Apollo guidance and navigation system - Monthly quality status report, June 1964	1964
19710075824	Apollo guidance and navigation system - Monthly quality status report, November 1963	1964
19710076030	Apollo guidance and navigation system - Monthly quality status report, January 1964	1964
19710076031	Apollo guidance and navigation system - Monthly quality status report, February 1964	1964
19710076034	Design specification for assembly, checkout, ascent descent propellant section	1964
19710076038	Monthly progress report no. 11	1964
19710076050	NASA Project Apollo. Little Joe 2 test launch vehicle, facilities plan	1964
19710076052	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Sep. - 15 Oct. 1964	1964
19710076053	Specification for electrical subsystem Little Joe 2 test launch vehicle	1964
19710076056	Monthly progress report no. 16	1964
19710076081	Quality program performance audits Quarterly summary, 1 Jul. - 30 Sep. 1964	1964
19710076114	Qualification test of reversable shipping and storage container for map and data viewer P/N 1011559	1964
19710076115	Quality program performance audits Quarterly summary, 1 Apr. - 30 Jun. 1964	1964
19710076127	Apollo guidance and navigation Documentation status report no. 15	1964
19710076226	Consolidated Activity Report, 16 February - 21 March 1964 /U/	1964
19710076227	Consolidated Activity Report, 20 September - 17 October 1964 /U/	1964
19710076228	Consolidated Activity Report, 18 October - 30 November 1964 /U/	1964
19710076279	Air Loads for Structural Design of Little Joe 2 /U/	1964
19710076325	Stress analysis of Little Joe 2 attitude control fins	1964
19710076338	Apollo guidance and navigation system Monthly quality status report, Dec. 1963	1964
19710076339	Apollo guidance and navigation system Monthly quality status report, Mar. 1964	1964
19710076364	Apollo guidance and navigation. Documentation status report no. 13	1964
19710076484	Lunar excursion module Monthly quality status report, 1 Jul. - 1 Aug. 1964	1964
19710076485	Control program performance audits for lunar excursion module Quarterly summary quality report, 1 May - 31 Jul. 1964	1964
19710076486	Apollo guidance and navigation system Monthly technical progress report for April 1964	1964
19710076512	GSE end item specification for wrench - spanner, umbilical disconnect model H14-125	1964
19710076513	GSE end item specification for wrench- spanner, umbilical disconnect model H14-125	1964
19710076514	Lunar excursion module, 15 September 1964	1964
19710076520	Lunar excursion module contractor financial management report	1964
19710076522	Apollo guidance and navigation system - Monthly technical progress report for July 1964	1964
19710076617	Lunar excursion module Monthly quality status report, 11 Nov. - 1 Dec. 1964	1964
19710076618	Quality control program performance audits for lunar excursion module Quarterly summary, 1 Aug. - 31 Oct. 1964	1964
19710076619	Apollo guidance and navigation system Monthly reliability progress report, Aug. 1964	1964
19710076620	Lunar excursion module Monthly quality status report, 1 Jun. - 1 Jul. 1964	1964
19710076623	Lunar excursion module Monthly quality status report, 1 Apr. - 1 May 1964	1964
19710076625	Detailed presimulation report for simulation 3B - Hover and landing, separation and docking	1964
19710076659	Lunar excursion module Monthly failure report, 10 Feb. 1964	1964
19710076660	Lunar excursion module Monthly failure summary report, 20 Feb. 1964	1964
19710076661	Lunar excursion module Monthly quality status report, 1 May - 1 Jun. 1964	1964
19710076662	Apollo manpower application report for the month of February 1964	1964
19710076689	Apollo guidance and navigation system Monthly technical progress report, May 1964	1964
19710076726	Apollo manpower application report for the month of March 1964	1964
19710076728	Narrative analysis pertaining to financial management report /NASA Form 533/ for the end of May 1964	1964
19710076730	Lunar excursion module Grumman monthly quality status report	1964
19710076731	Apollo guidance and navigation system Monthly technical progress report, Feb. 1964	1964
19710076737	Measurement of propellant mass flow rate by means of nuclear magnetic resonance, phase 1	1964
19710076748	Control program performance audits for lunar excursion module Quarterly summary quality report, 1 Feb. - 30 Apr. 1964	1964
19710076749	Apollo guidance and navigation system Monthly technical progress report, Jan. 1964	1964
19710076750	Narrative analysis pertaining to financial management report /NASA Form 533/ for the end of April 1964	1964
19710076770	Apollo guidance and navigation system Quarterly technical progress report, 1 Oct. - 31 Dec. 1963	1964
19710076784	Apollo command module guidance and navigation system, block 1 - Guidance and navigation system checkout, maintenance, and repair manual, volume 3	1964
19710076787	GSE end item specification for ground air circulating unit, model A14-036	1964
19710076925	Lunar excursion module Monthly quality status report, 1 Sep. - 1 Oct. 1964	1964
19710076927	Lunar excursion module Monthly quality status report, 1 Aug. - 1 Sep. 1964	1964
19710076928	Apollo guidance and navigation system Quarterly reliability progress report, Jan. - Mar. 1964	1964
19710076951	Apollo guidance and navigation system Monthly reliability progress report, Jan. 1964	1964
19710076954	Apollo guidance and navigation system Quarterly reliability progress report, Oct. - Dec. 1963	1964
19710076957	Lunar excursion module Monthly quality status report, 14 Jan. 1963 - 31 Jan. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076961	Apollo guidance and navigation system - Monthly quality status report, May 1964	1964
19710077028	Sublimation of ice in space vacuum	1964
19710077047	GSE end item specification for cover, launch escape system, model A14-022	1964
19710077107	Numerical aspects of orbit determination	1964
19710077130	[No Title]	1964
19710077212	Lunar orbit rendezvous reference trajectory data package. Reference trajectory no. 1 listing continued /LEM final descent to earth re-entry/, volume 1C, issue 4	1964
19710077213	Lunar Orbit Rendezvous Reference Trajectory Data Package.	1964
19710077233	Apollo guidance and navigation system - Monthly quality status report, Jul. 1964	1964
19710077341	Monthly quality status report for lunar excursion module	1964
19710077401	The Bellcomm simulator of the Apollo guidance computer	1964
19710077493	Apollo guidance and navigation system - Monthly quality status report, April 1964	1964
19710077508	Project Apollo - Aircraft communication range and deployment for recording signals from the space vehicle during injection	1964
19710077513	Hardware list - Little Joe 2 project	1964
19710077514	Transmittal of the minutes of the task 9 reporting conference for six month period ending 30 March 1964	1964
19710077517	Proposed redundant launch control and checkout system	1964
19710077529	Vendor requirement for simulator, LEM mission	1964
19710077544	Hardware list - Little Joe 2 test launch vehicle	1964
19710077546	Apollo program Monthly technical progress report, 31 Jul. 1964	1964
19710077547	The use of relays versus semiconductors in Apollo spacecraft switching applications	1964
19710077553	Quarterly summary of quality program performance audits, 1 January - 31 March 1964	1964
19710077561	Test plan Little Joe 2 test launch vehicle	1964
19710077583	Vibration test procedure for Little Joe 2 12-51-1 vehicle autopilot and instrumentation systems	1964
19710077584	Apollo guidance and navigation, supplement TDRR 05765 through 05927	1964
19710077635	GSE end item specification for crane control- auxiliary, model no. A14-046	1964
19710077636	GSE end item specification for launch escape motor, dummy - Weight and balance equipment and procedure proofing, calibration, model A14-038	1964
19710077650	Apollo guidance and navigation system - Factory test plan for optical unit P/N 1011000 and map and data viewer P/N 1011559	1964
19710077732	Project Apollo - Pre-reentry ground tracks for Hawaii and Samoa landing sites	1964
19710077735	GSE end item specification for box level, model A14-047	1964
19710077816	A critique on performing a consistent error analysis for a typical LOR mission	1964
19710077855	GSE end item specification for sling jettison motor, pitch control motor, nose cone, model H14-094	1964
19710077856	Lunar excursion module Monthly failure summary, 10 Sep. - 10 Oct. 1964	1964
19710077859	Little Joe 2 test launch vehicle, 10 July 1964 Quarterly progress report	1964
19710077860	Project Apollo - GSE end item specification for command module substitute unit, model A14-051 /configuration 101/	1964
19710077871	LEM program Monthly technical progress report, Jul. 1964	1964
19710077873	Apollo support program Monthly financial report, Nov. 1964	1964
19710077874	Project Apollo GSE end item specification for the ring assembly, forward, lower section, S-4B /LEM/ adapter, model H14-172	1964
19710077875	Lunar excursion module, monthly failure summary, 10-31 Mar. 1964	1964
19710077876	Project Apollo - End item specification boilerplate no. 16	1964
19710077877	Lunar excursion module Monthly failure summary	1964
19710077878	GSE end item specification for test fixture, Q-ball /analyzer/, model number C14-137	1964
19710077879	Lunar excursion module, monthly failure summary, 10-29 February 1964	1964
19710077896	Thrust Termination System Maintenance and Repair Manual, Launch Vehicle 12-50-2 - Little Joe 2	1964
19710077909	Apollo Manpower application report for the month of April 1964	1964
19710077916	Apollo program Quarterly technical progress report, Jan. - Mar. 1964	1964
19710077921	Monthly progress report no. 17	1964
19710077927	Preliminary LTA-6 test plan	1964
19710077933	Apollo program Monthly technical progress report, 1-30 Apr. 1964	1964
19710077952	Installation of the radar hazard suppressor on the Sidewinder 1A /Mk 17, Mod 1/ 5.00 inch rocket motor /U/	1964
19710077960	TM-1 mock-up general arrangement and procedures	1964
19710077961	Test plan LTA-8 combined vehicle tests at Houston	1964
19710077962	Detail plan for thermal tests of TM-2	1964
19710077963	Control assembly, attitude and translation stabilization and control subsystem, design control specification for	1964
19710077989	GSE end item specification for launch escape motor support, model H14-055	1964
19710077990	GSE end item specification for sling set, command module test, model H14-9001	1964
19710078028	Project Apollo GSE end item specification for the base assembly, S-4B /LEM/ adapter, model H14-165	1964
19710078029	Project Apollo GSE end item specification for the sling assembly, lower section, S-4B /LEM/ adapter, model H14-171	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078033	GSE end item specification for jettison motor support, model H14-054	1964
19710078036	Project Apollo - Umbilical disconnect set, model A14-148	1964
19710078038	Project Apollo GSE end item specification for the supportset low, S-4B /LEM/ adapter, model H14-167	1964
19710078060	Little Joe 2 test launch vehicle Monthly progress report, Jul. 1964	1964
19710078061	Apollo manpower application report for the month of July 1964	1964
19710078065	Design control specification for control assembly, propellant loading, controller assembly	1964
19710078067	Lunar excursion module - Monthly failure summary, January	1964
19710078068	Plan for TM-5 landing stability demonstration tests	1964
19710078069	GSE end item specification for electronic weighting kit, 3000 no. capacity, model H14-040	1964
19710078071	Project Apollo GSE end item specification for the sling assembly, upper S-4B /LEM/ adapter, model H14-163	1964
19710078073	Lunar excursion module Monthly failure summary, July	1964
19710078074	Lunar excursion module - Monthly failure summary, August	1964
19710078075	Lunar excursion module - Monthly failure summary, September	1964
19710078079	Preliminary LTA-2 test plan	1964
19710078098	Gimbal drive actuator assembly /descent engine/ stabilization and control subsystem design control specification for	1964
19710078104	Little Joe 2 test launch vehicle Quarterly progress report	1964
19710078109	GSE end item specification for on board recorder checkout unit, model C14-031	1964
19710078110	Apollo GSE end item specification for breakout box - Data distribution set, model C14-482	1964
19710078111	Command module, lunar excursion module tunnel crew transfer test /phase 2/	1964
19710078113	Index of Apollo support manuals and procedures applicable to the following - Boilerplate no. 6, numbers 12-16, no. 23, no. 26, test fixture F-2, and airframe 001	1964
19710078115	GSE end item specification for GSE handling cart, model H14-021	1964
19710078119	An equation of state for gas mixtures	1964
19710078121	Quantum transport theory of free electrons in a strong magnetic field	1964
19710078141	Attitude reference assembly stabilization and control subsystem design control specification	1964
19710078148	Apollo guidance and navigation system Monthly technical progress report for Oct. 1964	1964
19710078156	Monthly progress report, August 1964	1964
19710078161	Project Apollo GSE end item specification for the base assembly, upper section S-4B /LEM/ adapter, model H14-166	1964
19710078164	Apollo guidance and navigation system Monthly technical progress report, Aug. 1964	1964
19710078170	GSE end item specification for stand, access, tower adjustment, model H14-095	1964
19710078171	Diplexer, VHF, communications subsystem, design control specification for	1964
19710078200	Apollo guidance and navigation system Quarterly technical progress report, Jul. - Sep. 1964	1964
19710078201	Apollo guidance and navigation system Quarterly reliability progress report, Jul. - Sep. 1964	1964
19710078202	Apollo guidance and navigation system Monthly reliability progress report, Jul. 1964	1964
19710078273	GSE end item specification for electronic weighing kit, 30,000 no. capacity, model H-14-041	1964
19710078330	Apollo support program review	1964
19710078337	Project Apollo - End item specification spacecraft lunar excursion module adapter for boilerplate 27	1964
19710078339	Little Joe 2 test launch vehicle Monthly progress report	1964
19710078355	Quality control performance audits Apollo spacecraft Quarterly summary report	1964
19710078362	Ground support equipment planning and requirements list List 2	1964
19710078363	Ground support equipment planning and requirements list List 1	1964
19710078368	Project Apollo guidance and navigation program, February 1964 Monthly technical progress report	1964
19710078378	Apollo guidance and navigation system Quarterly technical progress report, 1 Jan. - 31 Mar. 1964	1964
19710078383	The effects of high pressure on barium titanate ceramic	1964
19710078385	Ground support equipment planning and requirements list	1964
19710078413	Reliability data system problem summary report	1964
19710078437	Apollo manpower application report for the month of May 1964	1964
19710078440	GSE end item specification for sling, structural skirt, model H14-029	1964
19710078442	Lunar excursion module - Monthly failure summary, June	1964
19710078443	Apollo manpower application report for the month of September 1964	1964
19710078445	Facilities plan - NASA project Apollo, Little Joe 2 test launch vehicle	1964
19710078491	Apollo program Monthly progress report, May 1964	1964
19710078496	Apollo program Monthly progress report, Jan. 1964	1964
19710078497	LEM program Monthly technical progress report, Aug. 1964	1964
19710078498	End item test plan, airframe 001	1964
19710078608	GSE end item specification for adapter-rail transfer skirt, model H14-027	1964
19710078610	GSE end item specification for sling, parachute handling, model H14-044	1964
19710078612	GSE end item specification for escape tower support, model H14-018	1964
19710078622	Project Apollo - End item specification boilerplate number 22	1964
19710078623	Project Apollo - End item specification boilerplate number 26	1964
19710078634	Ground support equipment planning and requirements list	1964
19710078671	Quarterly progress report, January - March 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078681	Drawing and specification list, Apollo spacecraft complete Biweekly report, 10-22 Feb. 1964	1964
19710078694	Consolidated activity report for 19 April - 16 May 1964 /U/	1964
19710078724	GSE end item specification for storage rack, SM removable skins, model H14-114	1964
19710078758	Radar Quarterly progress report, 1 Sep. - 30 Nov. 1963	1964
19710078759	LEM program Monthly progress report, March 1964	1964
19710078760	Apollo guidance and navigation quality assurance plan	1964
19710078761	GSE end item specification for command module hatch access stand, model H14-091	1964
19710078764	Lunar orbit rendezvous reference trajectory data package. Analysis of Apollo orbit determination accuracy with random errors in ground based radar and onboard optical observations. Volume 1 - Introduction	1964
19710078843	Lunar orbit rendezvous reference trajectory data package. Reference trajectory listing continued, LEM final descent to earth re-entry, issue 3, volume 3	1964
19710078844	Lunar orbit rendezvous reference trajectory data package. Reference trajectory listing concluded, re-entry, issue 3, volume 4	1964
19710078845	Lunar orbit rendezvous reference trajectory data package. Addendum to preliminary Apollo abort study trajectory analysis	1964
19710078847	Lunar orbit rendezvous reference trajectory data package. Analysis of Apollo orbit determination accuracy with random errors in ground based radar and onboard optical observations. Volume 5 - The transearth trajectory	1964
19710078885	Apollo support program review. Reliability and quality technical program review, 26-27 May 1964	1964
19710078886	Apollo support program Quarterly progress report, Apr. - Jun. 1964	1964
19710078888	LEM crew/spacecraft interface reduced gravity test plan	1964
19710078919	Data system improvement	1964
19710078928	GSE end item specification for sling pitch control motor interstage structure, model H14-092 - Apollo program	1964
19710079005	Design control specification for control station, thrust vector	1964
19710079016	Apollo communication and tracking system analysis of tracking ship performance	1964
19710079030	Availability estimation task Final report	1964
19710079043	LEM attitude controller and translation controller reduced gravity test plan	1964
19710079045	Apollo project GSE end item specification for sensor set assembly - RCS nozzle flow, model C14-471, configuration 201	1964
19710079052	Project Apollo GSE end item specification for mission sequencer group bench maintenance equipment, model C14-460	1964
19710079053	Lunar orbit rendezvous reference trajectory data package. Printout keys and reference trajectory listing, earth launch to LEM final descent, volume 2, issue 3	1964
19710079059	Lunar orbit rendezvous reference trajectory data package. Analysis of Apollo orbit determination accuracy with random errors in ground based radar and onboard optical observations. Volume 3 - The translunar trajectory	1964
19710079067	Lunar orbit rendezvous reference trajectory data package. Volume 1 - Issue 3 - Summary and reference trajectory data exhibits	1964
19710079072	Design control specification for simulator, LEM mission	1964
19710079079	LEM crew/spacecraft interface reduced gravity test plan	1964
19710079089	Detail plan for thermal tests of TM-2	1964
19710079123	Lunar orbit rendezvous reference trajectory data package. Analysis of Apollo orbit determination accuracy with random errors in ground based radar and onboard optical observations. Volume 2 - The earth parking orbit	1964
19710079127	Lunar orbit rendezvous reference trajectory data package. Preliminary Apollo abort study trajectory sensitivity coefficients. Volume 2 - Print key and wear earth abort sensitivity coefficients	1964
19710079238	End item test plan for boilerplate 15	1964
19710079257	Quarterly reliability and quality assurance progress report, period ending 30 June 1964 /U/	1964
19710079259	Project Apollo Flight-test Report Boilerplate 12	1964
19710079484	Apollo GSE end item specification for set assembly, forward compartment heat shield separation and retention system, model A14-151, addendum 1	1964
19710079532	Fuselage stress analysis, volume 1	1964
19710079591	Ground support equipment planning and requirements list, listed by test site, list 3	1964
19710079939	Pressure drop data from the DFR mk. 2 sub-assembly air model	1964
19710080152	High-power, low-frequency transducer for RS-212 /phase 1/ /U/ Final development report, 23 Feb. 1963 - 23 Mar. 1964	1964
19710080470	Subsystem reliability analysis detailed technical report /U/	1964
19710080487	Apollo Manpower application report for the month of October 1964	1964
19710080767	GSE end item specification for data distribution and recording console, model C14-420 /-101 configuration/	1964
19710080769	Packaging and transport plan for boilerplate 26	1964
19710080771	GSE end item specification for fluid distribution system, model S14-034	1964
19710080773	GSE end item specification for fluid distribution system /bldg 450/, model S14-081	1964
19710080774	NASA support manual - Apollo ground support equipment operation and service instructions, FDS control unit, SPS fuel, model C14-445 /part no. G17-852001/	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080777	GSE end item specification for signal conditioner model C14-135 /-301 configuration/	1964
19710080783	NASA support manual - Apollo support equipment, maintenance pyrotechnics initiators substitute set, model A14-003 /part no. G16-820500-201 and G16-820500-301/	1964
19710080789	GSE end item specification for signal conditioner set, model C14-135 /-201 configuration/	1964
19710080795	GSE end item specification for cartridge test chamber model H14-140	1964
19710080797	GSE end item specification for guide-forward compartment heat shield retention bolt, model H14-139	1964
19710080803	GSE end item specification for support base assembly - Tubulal, boilerplate, model H14-086 /-101 configuration/	1964
19710080808	GSE end item specification for vacuum cleaner, model A14-035 /-0002 configuration/	1964
19710080813	GSE end item specification for breakout box set, EMI test model C14-461	1964
19710080825	GSE end item specification for launch escape tower sling, model H14-002	1964
19710080826	GSE end item specification for launch control group, model C14-414	1964
19710080832	GSE end item specification for cable and fitting set, weight and balance, S/M and adapter, model H14-127	1964
19710080839	GSE end item specification for bench maintenance equipment, launch escape sequencer, model C14-029 /-201 configuration/	1964
19710080840	GSE end item specification for breakout box set EMI test, model C14-461 /-101 configuration/	1964
19710080842	Apollo support equipment maintenance MSFC patch and logic distributor substitute unit, model A14-075	1964
19710080845	GSE end item specification for alignment set, service propulsion engine, model C14-017	1964
19710080863	Apollo support equipment maintenance handbook, checkout trailer, model C14-173	1964
19710080868	GSE end item specification for sling-access door service module, model H14-9077	1964
19710080870	GSE end item specification for access stairs, C/M hatch, model H14-111	1964
19710080874	GSE end item specification for cart pressure leak test LES rocket motors, model S14-078	1964
19710080875	GSE end item specification for base support, service module and adapter, model H14-9030	1964
19710080877	GSE end item specification for spacecraft adapter cover, model no. A14-009	1964
19710080878	GSE end item specification for weight and balance beam service module and adapter, model H14-126	1964
19710080895	GSE end item specification for optical alignment set, model A14-028	1964
19710080899	GSE end item specification for dolly-service propulsion system engine, model H14-132	1964
19710080901	Apollo guidance and navigation - Optical equipment handling guidelines	1964
19710080918	GSE end item specification for MSFC patch and logic distributor substitute unit, model A14-075 /-101 configuration/	1964
19710080923	GSE end item specification for spacecraft boilerplate sling, model H14-9073. Project Apollo	1964
19710080924	Apollo general GSE specification. Project Apollo	1964
19710080927	GSE end item specification for ground air circulating unit model A14-036 /-301 configuration/	1964
19710080936	GSE end item specification for ground adapter - Propulsion development test, model H14-037	1964
19710080952	GSE end item specification for nozzle closure /dust cover/, model A14-044	1964
19710080953	GSE end item specification for access stand, S/M external, model H14-109 /-101 configuration/	1964
19710080954	GSE end item specification for link, gimbal locking, S/M propulsion engine, model A14-056	1964
19710080955	GSE end item specification for stand-access, recovery area, model H14-090 /-201 configuration/	1964
19710080959	GSE end item specification for spacecraft ground power supply, model C14-418	1964
19710080960	GSE end item specification for service propulsion system remote control unit, model C14-455	1964
19710080963	GSE end item specification for data recording group model C14-020 /-101 configuration/	1964
19710080965	GSE end item specification for umbilical junction box, model C14-192 /-101 configuration/	1964
19710080989	GSE end item specification for electrical junction box, model C14-438	1964
19710080990	Apollo guidance and navigation - Monthly reliability and quality assurance progress report	1964
19710081042	GSE end item specification for mission propulsion engine support, model number H14-072	1964
19710081046	GSE end item specification for hoist beam assembly, service model H14-042	1964
19710081444	Cartographic application of conflux 1 Interim technical report, 26 Jun. - 20 Nov. 1964	1964
19710081525	The high complex wind sea near the North Atlantic weather ship K on 6 December 1959	1964
19710082014	Reliability and quality assurance progress report	1964
19710082114	GSE end item specification for fluid distribution system control unit SPS fuel /PSDF/, model C14-445	1964
19710082234	Launch acoustical environments of the thrust augmented Thor Technical report, 3 Oct. 1963 - 2 Jul. 1964	1964
19710082717	Digital propellant level control system companion cost report Monthly financial report	1964
19710082788	GSE end item specification for support base-spacecraft model H14-030 /-101 configuration/	1964
19710082870	NASA project apollo reliability program plan. Little Joe 2 test launch vehicle	1964
19710082873	Drawing and specification list, Apollo spacecraft complete Technical report, 1-12 Jun. 1964	1964
19710082909	Drawing and specification list, Apollo spacecraft complete Technical report, 18-29 May 1964	1964
19710082914	Ground support equipment performance and interface specification for hose set, extension, hydraulic cart - Little Joe 2 P/N 12-91027	1964
19710082961	Preprocessing data at Apollo tracking sites	1964
19710082969	Apollo support program, monthly financial report	1964
19710082970	Apollo support program - Monthly financial report, December 1963	1964
19710082982	Part number cross reference list - H2O2 pneumatic GSE trailers, Little Joe 2	1964
19710082984	Drawing and specification list - Apollo spacecraft complete	1964
19710082985	Final test method for functional tester	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083023	Little Joe 2 - Ground support equipment performance and interface specifications for hose kit, bladder leak test P/N12-91030	1964
19710083031	Determination of instrumentation system turn-on voltage transient	1964
19710083032	Instrumentation multiplexed circuit verification tests	1964
19710083033	Little Joe 2 project Monthly quality report, 2-27 Mar. 1964	1964
19710083034	Little Joe 2 project Monthly quality report, 28 Mar. - 30 Apr. 1964	1964
19710083052	Vibration test procedure for Little Joe II 12-51-1 vehicle instrumentation system	1964
19710083081	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Sep. - 13 Oct. 1964	1964
19710083091	Apollo maintenance plan	1964
19710083092	NASA inspection and review of TM-1 mock-up lunar excursion module Board report, 19-26 Mar. 1964	1964
19710083102	Failure report and corrective action summary	1964
19710083110	Specification for qualification testing of the voltage monitor transducer subsystem - Little Joe 2 test launch vehicle	1964
19710083111	Electromagnetic interference test plan- Timer-launch sequence 12-61325-3	1964
19710083118	Final test method for functional tester	1964
19710083125	Final test method for precision test fixtures	1964
19710083126	Final test method for alignment mirror assembly	1964
19710083138	Little Joe 2 test launch vehicle Monthly progress report, May 1964	1964
19710083144	Tests conducted on type 39B64-3-A 175 VA static inverter Final engineering report	1964
19710083145	Vibration qualification program for the attitude control hydraulic system, Little Joe 2	1964
19710083150	Hydrogen peroxide sampling requirements, Little Joe 2	1964
19710083152	Little Joe 2 test launch vehicle Quarterly progress report, 1 Jul. - 30 Sep. 1964	1964
19710083155	Board report for NASA inspection and review of M-5 mockup lunar excursion module, 5-8 October 1968	1964
19710083160	Little Joe 2 - Ground support equipment performance and interface specification for adaptation kit air conditioning ducts Pn/12-93006	1964
19710083162	Quality program performance audits - Little Joe 2 project Quarterly summary report, 1 Jul. - 30 Sep. 1964	1964
19710083163	Little Joe 2 autopilot noise	1964
19710083167	Vibration test report - Motor and valve assembly development and qualification, P/N 873945	1964
19710083171	Little Joe 2 Monthly quality report, 1-28 Feb. 1964	1964
19710083176	Little Joe 2 quality program performance audit Quarterly summary report, 1 Jan. - 31 Mar. 1964	1964
19710083177	Little Joe 2 Monthly quality report, 1-30 Sep. 1964	1964
19710083183	Networks documentation of electrical support equipment, vehicle systems	1964
19710083184	Little Joe 2 test launch vehicle Monthly progress report	1964
19710083185	Little Joe 2- Algol thrust termination, effect of primacord explosion on fiberglass bulkhead	1964
19710083186	Little Joe 2 - Effect of explosion and rapid decomposition of the hydrogen peroxide used for reaction control	1964
19710083188	Little Joe 2-mission J Algol thrust termination	1964
19710083189	Proposed oscillatory thrust investigation, Little Joe 2	1964
19710083191	Apollo spacecraft complete drawing and specification list, 27 January - 8 February 1964	1964
19710083201	Qualification test report for the AN/DRW-11 receiver for use in the thrust termination subsystem of the Little Joe 2 launch test vehicle	1964
19710083202	Vibration test procedure for Little Joe II 12-51-1 vehicle autopilot system	1964
19710083206	Structural analysis of the 0.045 scale Apollo heat transfer model /H-2/	1964
19710083208	Ground support equipment performance and interface specification for hose set, extension, pneumatic - Little Joe 2 P/N 12-91029	1964
19710083209	Ground support equipment performance and interface specification for hose set, extension, hydrogen peroxide - Little Joe 2 P/N 12-91028	1964
19710083212	Little Joe 2 test launch vehicle Quarterly reliability status report, 1 Apr. - 30 Jun. 1964	1964
19710083213	Little Joe 2 Monthly quality report, 1-28 May 1964	1964
19710083215	Ground support equipment - Performance and interface specification for platforms, reaction control system servicing, Little Joe 2	1964
19710083217	The application of ejectors to V/STOL aircraft and to their design	1964
19710083218	The determination of the durability and the creep strength limits of glass fiber reinforced plastics using accelerated test procedures	1964
19710083222	Report of tests conducted on type 39B64-3-A VA static inverter, supplement 2	1964
19710083228	Ground support equipment performance and interface specification for vent unit, hydrogen peroxide system - Little Joe 2 P/N 12-91025	1964
19710083234	Little Joe 2 Monthly quality report, 1-31 Aug. 1964	1964
19710083235	Launch sequence timer GD/C P/N 12-61325-3 failure mode and transient analysis	1964
19710083252	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Aug. - 15 Sep. 1964	1964
19710083260	Qualification test report on rate gyro assembly- American Gyro part no. 21690 and General Dynamics/Convair part no. CV-94- 43002-001. A component of the Little Joe 2 testvehicle	1964
19710083261	Little Joe 2 detonating cord compatibility tests	1964
19710083262	Little Joe 2-Algol motor pressure decay with thrust termination	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083269	Little Joe 2 attitude control fin flutter analysis using ground vibration test modes	1964
19710083281	Exhaust gas impingement on movable fins of Little Joe 2	1964
19710083284	Little Joe 2 Monthly quality report, 1-30 Jun. 1964	1964
19710083290	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Oct. - 15 Nov. 1964	1964
19710083294	RF command subsystem, Little Joe 2, launch vehicle	1964
19710083295	Primacord vibration testing for Little Joe 2	1964
19710083313	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Nov. - 13 Dec. 1964	1964
19710083316	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Jun. - 13 Jul. 1964	1964
19710083317	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Aug. - 13 Sep. 1964	1964
19710083383	Apollo study summary report	1964
19710083394	Precision test fixture Final test method	1964
19710083396	Apollo study summary report	1964
19710083456	Final test method for optical unit	1964
19710083458	Little Joe 2 - Item-vehicle, model 12-50-2	1964
19710083460	The effect of reaction control system malfunctions on Little Joe 2, mission J /NASA A-002/	1964
19710083461	Vibration and acoustic qualification tests for equipment installed in the Little Joe 2 vehicle	1964
19710083462	NASA Project Apollo Little Joe 2 test launch vehicle Quarterly reliability status report	1964
19710083463	Little Joe 2 test launch vehicle Monthly progress report	1964
19710083464	Test procedure for descent stage tank skirt proof load	1964
19710083466	Apollo maintenance plan	1964
19710083480	GSE end item specification for nozzle extension, inertia simulator, model A14-127	1964
19710083487	Apollo vehicle ground operations specification B-22. Volume 1 - Integrated operational requirements	1964
19710083493	Qualification test report for the launch sequence timer for use in the ignition subsystem of the Little Joe 2 launch test vehicle	1964
19710083495	ACE-S/C PERT companion Monthly financial report Feb. 1964	1964
19710083497	Qualification test report for the launch sequence timer for use in the ignition subsystem of the Little Joe 2 launch test vehicle, addendum	1964
19710083498	Little Joe 2 - Hydrogen peroxide sampling requirements	1964
19710083505	Analysis and performance of an automatic lunar landing system including a guidance and navigation equipment error study	1964
19710083508	Analog study of Little Joe 2/Apollo boilerplate 22 launch without reaction controls and with various numbers of recruit motors	1964
19710083510	Little Joe 2 qualification status summary. Section 3 - Ground support equipment, vehicle 12-51-1	1964
19710083515	Ground support equipment performance and interface specification for servicing trailer, pneumatic and vacuum - Little Joe 2 P/N 12-91017	1964
19710083518	Apollo ground support equipment operation and service instructions - Electrical load bank, model A14-074 /part no. G17-820250/	1964
19710083519	Apollo end item test plan for boilerplate 16	1964
19710083524	Qualification test procedure for the hydraulic accumulator, Little Joe 2	1964
19710083526	Little Joe 2 thrust termination system tests /12-98-11/ Final report	1964
19710083527	Apollo ground support equipment - Operation and service instructions - Command module fluids systems intermodule substitute unit, Model A14-031 /Part no. G16-824250/	1964
19710083534	Little Joe 2 - Item - Launcher, model 12-60-2 Narrative end item report	1964
19710083538	Apollo guidance and navigation reliability and quality assurance Progress report, Jul. 1964	1964
19710083541	LEM engineering simulation program Semiannual status report	1964
19710083543	Failure report and corrective action summary	1964
19710083544	Apollo spacecraft description boilerplate 28 - NASA support manual	1964
19710083545	Procurement specification for azimuth reference fixture	1964
19710083546	Procurement specification for G and N installation qualification fixture	1964
19710083550	Final test method for reusable shipping container and handling container for the navigation base and optics subsystem assembly, P/N 1899950	1964
19710083551	Test and model information for wind tunnel tests of an 0.02 scale force model /FSL-1/ of the Apollo in the Ames 14 ft by 14 ft, 9 ft by 7 ft, and 8 ft by 7 ft wind tunnels	1964
19710083557	Little Joe 2 design - Thrust misalignment for mission J /NASA mission A-002/	1964
19710083561	Little Joe 2 test launch vehicle Monthly progress report	1964
19710083565	Drawing and specification list Apollo spacecraft complete	1964
19710083570	Ground support equipment performance and interface specification for kit-hose adapter, Little Joe 2	1964
19710083596	Apollo guidance and navigation Quarterly reliability and quality assurance progress report	1964
19710083597	Apollo guidance and navigation - Site activation plan	1964
19710083614	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Jun. - 15 Jul. 1964	1964
19710083617	Identification of parts, Little Joe 2	1964
19710083619	Apollo support program Monthly financial report, Jun. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083626	Structural analysis of the 0.105 scale Apollo wind tunnel model /FS-2/	1964
19710083632	Drawing and specification list, Apollo spacecraft complete	1964
19710083633	Apollo guidance and navigation - Guidance and navigation system reliability program	1964
19710083634	Apollo support program Monthly financial report, Aug. 1964	1964
19710083636	Apollo end item test plan for Boilerplate	1964
19710083637	Drawing and specification list, Apollo spacecraft complete	1964
19710083639	Drawing and specification list, Apollo spacecraft complete	1964
19710083640	Drawing and specification list, Apollo spacecraft complete	1964
19710083641	Drawing and specification list, Apollo spacecraft complete	1964
19710083648	Detailed presimulation report for abort simulation 6, revision A	1964
19710083649	Failure, trouble, and corrective action summary, design phase	1964
19710083656	GSE end item specification for calibration unit, pressure 6000 psig, model C14-426	1964
19710083659	Reliability data system activities report	1964
19710083670	Apollo guidance and navigation Monthly technical progress report	1964
19710083671	Apollo guidance and navigation - Brazing of beryllium Progress report	1964
19710083678	Little Joe 2 project - Type 2 documentation Monthly failure summary, 4 Sep. - 3 Oct. 1964	1964
19710083683	Little Joe 2 Monthly quality report, 1-31 Jul. 1964	1964
19710083687	Narrative end item report, Little Joe 2. Item - Ground support equipment	1964
19710083689	Little Joe 2 narrative end item report Test launch vehicle 12-51-1. Volume 2 - Test results- Instrumentation	1964
19710083690	Requirements of and index to design evaluation, qualification and reliability test program for Apollo guidance and navigation system	1964
19710083691	Drawing and specification list, Apollo spacecraft complete	1964
19710083692	Drawing and specification list, Apollo spacecraft complete	1964
19710083694	Electromagnetic interference. CES Electronic Products, Incorporated attitude control and logic amplifier, CES part no. 404-1002-1, GD/C part no. 12-03101-1	1964
19710083695	Little Joe 2 test launch vehicle Quarterly progress report	1964
19710083696	End item test plan - Little Joe 2 launch vehicle 12-50-2, Apollo mission A-001	1964
19710083713	Reliability plan	1964
19710083715	Drawing and specification list, Apollo spacecraft complete, 27 July - 7 August 1964	1964
19710083716	Drawing and specification list, Apollo spacecraft complete, 13 - 24 July 1964	1964
19710083717	Drawing and specification list, Apollo spacecraft complete, 15 - 26 June 1964	1964
19710083718	Little Joe 2 test launch vehicle Quarterly reliability status report no. 8, 1 Jan. - 31 Mar. 1964	1964
19710083719	Ground support equipment planning and requirements list	1964
19710083722	Drawing and specification list, Apollo spacecraft complete, 7 - 18 September 1964	1964
19710083726	GSE end item specification for cover, protective ECS heat exchanger, model A14-145	1964
19710083727	Apollo spacecraft transportation and handling, boilerplate 22 - NASA support manual	1964
19710083728	Apollo support program Monthly financial report, Jul. 1964	1964
19710083729	Quality program plan ACE-S/C ground station	1964
19710083730	Drawing and specification list, Apollo spacecraft complete	1964
19710083734	System description and block diagrams for PACE-S/C related equipment in MILA complex	1964
19710083735	Apollo support program Monthly financial report	1964
19710083736	Model specification for Canard subsystem, launch escape tower	1964
19710083737	End item test plan for boilerplate 23	1964
19710083738	Vehicle ground support specification, AFRM 011. Volume 1 - Integrated operational requirements	1964
19710083739	Apollo vehicle ground operations specification, AFRM-002. Volume 1 - Integrated operational requirements	1964
19710083742	Site activation implementation plan for Lem facilities, Project Apollo at Propulsion System Development Facility White Sands Missile Range, New Mexico	1964
19710083744	Little Joe 2 narrative end-item report - Test launch vehicle 12-51-1. Volume 3 - Test results, operational - Instrumentation	1964
19710083748	Ground support equipment performance and interface specification for console, fin test, attitude control, Little Joe 2, P/N 12-61338-1	1964
19710083751	Ground support equipment performance and interface specification for servicing trailer hydrogen peroxide, Little Joe 2	1964
19710083768	Apollo drawing specification Summary status report	1964
19710083770	Project Apollo guidance and navigation program Monthly program and technical progress report, Apr. 1964	1964
19710083774	Apollo GSE end item specification for adapter set, reaction control system, assembly of model A14-146 /-101 configuration/	1964
19710083775	GSE end item specification for hoisting fixture, general arrangement, model H14-136	1964
19710083783	Results of LEM ascent stage sealant program	1964
19710083785	Apollo spacecraft Monthly quality status report, 16 Oct. - 15 Nov. 1964	1964
19710083786	GSE end item specification for simulator assembly - Service propulsion system engine inertia, model A14-140	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083803	Facility requirements for LEM at the MSC environmental test facilities	1964
19710083841	End item test plan for ACE-S/C ground station no. 1 at NAA, Downey, California	1964
19710083846	Test report launch sequence timer 12-61325, input voltage transient effects	1964
19710083854	Project Apollo GSE end item specification for fluid distribution system, model S14-086	1964
19710083855	GSE end item specification for console assembly, mobile data recorder, model C14-089	1964
19710083861	Specification for cleaning and conditioning hydrogen peroxide filter	1964
19710083869	Active detector systems for determining components of mixed radiation fields on projects KIWI-TNT and Wishbone /modification of HDL Small Boy detectors/	1964
19710083870	Ground support equipment performance and interface specification for tester, ignition harness, Little Joe 2, P/N 12-61334-1	1964
19710083871	Hydrogen peroxide fuel tank acceptance test procedure P/N 892586	1964
19710083875	Manned space flight data system guideline manual	1964
19710083885	Apollo equipment block diagrams, volume 4	1964
19710083887	Apollo spacecraft Monthly quality status report, 15 Jun. - 15 Jul. 1964	1964
19710083888	Apollo spacecraft Monthly quality status report, 16 Sep. - 15 Oct. 1964	1964
19710083890	Support plan for ACE-S/C ground stations	1964
19710083891	Little Joe 2 - Hydrogen peroxide reaction control system category B tests	1964
19710083893	Drawing and specification list, Apollo spacecraft complete	1964
19710083894	Specification for measurement subsystem, Little Joe 2 launch vehicle 12-51-1	1964
19710083896	Apollo manufacturing plan	1964
19710083897	Ground support equipment performance and interface specification for conditioning tank, components, Little Joe 2, P/N 91022	1964
19710083899	Ground support equipment performance and interface specification for safety kit high pressure hose, Little Joe 2, P/N 12-91034	1964
19710083900	Apollo support program Monthly financial report, Jan. 1964	1964
19710083901	Apollo support program Monthly financial report, February 1964	1964
19710083902	Apollo support program Monthly progress report, Dec. 1963	1964
19710083904	Drawing and specification list, Apollo spacecraft complete, 4-15 May 1964	1964
19710083906	Ground support equipment performance and interface specification for tool - quick disconnect, drain, Little Joe 2 p/n 12-91021	1964
19710083912	Apollo qualification status list	1964
19710083917	Basic section - Apollo drafting manual Summary status report	1964
19710083918	Qualification status list	1964
19710083919	Solar simulation research	1964
19710083920	Spectral measurements by the filter method on Lewis carbon arc solar simulators	1964
19710083921	Spectral measurements on high intensity light sources	1964
19710083922	The solar constant and spectral distribution of solar radiant flux	1964
19710083923	Solar simulation testing of an earth satellite at Goddard Space Flight Center	1964
19710083924	Development and performance of the JPL glass lined metal reflectors for the solar system in the 25 foot space simulator	1964
19710083925	Thermal testing of the Ranger Block 3 spacecraft in the JPL 25 foot space simulator	1964
19710083926	Solar simulation in the MSC Space Environment Simulation Laboratory	1964
19710083927	Development of the Jet Propulsion Laboratory solar simulator type A	1964
19710083928	Performance characteristics of the Ames 10-solar constant radiation simulator	1964
19710083929	Status of solar simulation at Lewis	1964
19710083930	Thermal testing of unmanned lunar and interplanetary spacecraft	1964
19710083931	Project Apollo GSE end item specification for cover set, protective /model A14-063/	1964
19710083935	Drawing and specification list Apollo spacecraft complete	1964
19710083936	LEM mission programmer preliminary study summary	1964
19710083950	Apollo GSE end item specification for kit - launch vehicle intermodule substitute unit /modification kit for model A14-021/	1964
19710083952	Saturn S-2 contractual specification tree	1964
19710083956	GSE end item specification for cap and plug set, Apollo spacecraft model A14-026, configuration 701 Project Apollo	1964
19710083957	Ground support equipment performance and interface specification for plug - GN2 regulator vent, Little Joe 2 p/n 12-91032	1964
19710083958	Map and data viewer tester - Final test method	1964
19710083966	Design control specification for simulator, load assembly	1964
19710083973	GSE end item specification for console assembly, propulsion system, fluid checkout unit, model C14-075 /-201 configuration/	1964
19710083976	Ground support equipment planning and requirements list no. 2 /listed by test vehicle/	1964
19710083984	American Gyro attitude reference system, model GR10A-1, part number 22650, General Dynamics/Convair part number 12-03100-3 - A component of the Little Joe 2 test vehicle	1964
19710083985	LEM requirements for cryofenic test building no. 2 at AMR	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083987	Apollo GSE end item specification for console group - reaction control system valve driver and monitor unit, model C14-483 /-101 configuration/	1964
19710083989	Apollo support program Monthly financial report, Mar. 1964	1964
19710083995	Transportation and handling manual for acceptance checkout equipment-spacecraft	1964
19710083996	GSE end item specification for disconnect set - umbilical, fluid and electrical, model A14-024-101	1964
19710083997	GSE end item specification for support base, model H14-030	1964
19710083998	Apollo GSE end item specification for distribution panel - ground power, model C14-481 /-101 configuration/	1964
19710083999	Procedure for connector leak detection test	1964
19710084000	GSE end item specification for cap and plug set, Apollo spacecraft, model A14-026-101	1964
19710084001	LEM requirements for the fluid test complex support building, fuel cell PIA Laboratory and a cryogenic component test laboratory at AMR	1964
19710084004	Little Joe 2 test launch vehicle Monthly progress report, Aug. 1964	1964
19710084005	Conic TM transmitter - Temperature/frequency and antenna conducted EM - tests Test report	1964
19710084032	Apollo GSE end item specification for drawer kit, signal conditioner /modification kit for model C14-135/	1964
19710084035	GSE end item specification for cover set, protective model A14-063 /configuration-101/	1964
19710084036	Monthly quality status report, Apollo spacecraft	1964
19710084038	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Jul. - 15 Aug. 1964	1964
19710084042	Qualification test report on rate gyro assembly American Gyro part no. 21690, General Dynamics/Convair part no. CV-94-43002-001, a component of the Little Joe 2 test vehicle	1964
19710084043	Qualification test report on rate gyro assembly American Gyro part no. 21690, General Dynamics/Convair part no. CV-94-43002-001. A component of the Little Joe 2 test vehicle	1964
19710084044	Apollo GSE end item specification for recorder set - Onboard checkout /modification kit/ /modification kit for model C14-031/	1964
19710084045	Apollo spacecraft complete drawing and specification list, 5-16 October 1964	1964
19710084050	Hydrogen peroxide /H2O2/ fuel tank acceptance test procedure, p/n 892586	1964
19710084094	Apollo spacecraft complete drawing and specification list, 30 November - 11 December 1964	1964
19710084095	Ground support equipment planning and requirements list no. 1	1964
19710084101	Apollo support program Quarterly progress report, Jul. - Sep. 1964	1964
19710084109	Procurement specification for retroreflecting prism	1964
19710084110	Procurement specification for the 45 deg autocollimator plate assembly	1964
19710084112	Apollo support equipment maintenance - Cryogenics oxygen servicing console special test unit, model C14-615	1964
19710084113	Ground support equipment planning and requirements list /listed by test vehicle/	1964
19710084123	KSC Saturn 5 logistics plan	1964
19710084127	Apollo Aerospace Vehicle Equipment /AVE/ and Aerospace Ground Equipment /AGE/ specifications and standards	1964
19710084128	ACE-S/C ground station training plan	1964
19710084131	Apollo support program Monthly financial report, Apr. 1964	1964
19710084134	Little Joe 2 - Item-vehicle, model 12-51-1 Narrative end-item report	1964
19710084137	Narrative end-item report, Little Joe 2. Volume 2 - Item-vehicle, model 12-50-2	1964
19710084147	Manufacturing plan for Project Apollo Lunar Excursion Module	1964
19710084148	Apollo guidance and navigation qualification status list, parts/materials ND 1002034	1964
19710084153	Problem report summary	1964
19710084155	Drawing and specification list, Apollo spacecraft complete, 24 August - 4 September 1964	1964
19710084158	Ground support equipment planning and requirements list	1964
19710084163	LEM 1 measurements list /mission category 1B-5/	1964
19710084549	Apollo project GSE end item specification for sensor set assembly, RCS nozzle flow model C14-471, configuration 101	1964
19710084550	Project Apollo end item specification for ingress/egress ramp /model H14-160/	1964
19710084718	A method for calculating trajectories of airborne material	1964
19710084720	Apollo measurement requirements, boilerplate 22, Apollo mission A-003	1964
19710084871	Electromagnetic compatibility criteria implementation, testing, and correction plan for the ACE-S/C program	1964
19710084943	Effects of impulse pressure and tube height on torpedo Mark 44 water entry /U/	1964
19710085057	Contractor's 1965 - 1966 independent research program for Apollo Support Department	1964
19710085100	Qualification test procedure for valve assembly, pneumatic selector, lock open, sterer part no. 24280-3, GD/Convair specification no. 12-04103	1964
19710085473	Sound propagation prediction Midcontract technical report, 1 Jul. - 31 Dec. 1964	1964
19710085727	Toxicological qualification of materials to be used as sealants in the LEM ascent stage	1964
19710085748	High reliability computer diode specifications requirements program Final report	1964
19710085880	Monthly quality status report, Apollo spacecraft, Mar. 1964	1964
19710085882	Monthly quality status report, Apollo spacecraft, 10 February 1964	1964
19710085888	Monthly quality status report, Apollo spacecraft, 10 January 1964	1964
19710085930	Apollo monthly failure report, Jan. 1964	1964
19710085931	Monthly quality status report, Apollo spacecraft, Apr. 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085989	Project Apollo - GSE end item specification for the ring assembly-end, forward, S-IVB /LEM/ adapter /model H14-164/	1964
19710086030	Apollo semiannual materials report	1964
19710086121	Contractor's independent research and development program Annual report, 1963	1964
19710086122	Apollo measurement requirements, operational /block 1/	1964
19710086128	Apollo measurement requirements, boilerplate 15, Apollo mission A-102	1964
19710086129	GSE end item specification for console assembly - Freon pressurization unit, model C14-468	1964
19710086147	Training materials development	1964
19710086149	Project Apollo Quarterly report, 1 Jun. - 1 Sep. 1964	1964
19710086166	Specification for control assembly, propellant loading, and controller assembly for design control	1964
19710086195	Problem Report Summary, Reliability Data System	1964
19710086210	Program status determination, task A.3.2.4.8 and TD 8-1 Final report	1964
19710086211	Reliability and quality guidelines, task A3.2.4.11, TD 11-1 through TD 11-5	1964
19710086222	Guideline for preparation of high reliability computer diode specifications	1964
19710086231	GSE end item specification for stand assembly-spacecraft, integrated system test, model H14-124	1964
19710086234	NASA system design and research Bimonthly progress report, 1 Oct. - 30 Nov. 1964	1964
19710086457	Directory of station locations for use in Gemini and Apollo planning studies	1964
19710086460	Communications subsystem design control specification for	1964
19710086591	Digital propellant level control system companion cost report Monthly financial report, Feb. 1964	1964
19710086629	Crushing tests of thin conical sections	1964
19710086632	Apollo S/C measurement requirements, airframe 010	1964
19710086683	Drawing and specification list Apollo spacecraft complete, 14 - 25 December 1964	1964
19710086684	Drawing and specification list Apollo spacecraft complete, 16 - 27 November 1964	1964
19710086692	Project Apollo - GSE end item specification for alignment set-S-4B /LEM/ adapter /model H14-202/	1964
19710086780	Secondary injection thrust vector control study Monthly progress report, Aug. 1964	1964
19720062753	An investigation of Apollo launch escape vehicle warning time and separation distance requirements due to blast for an abort from a thrusting C-1 launch vehicle	1964
19720062789	Proceedings of Conference on Large Liquid Rocket Systems	1964
19720062790	Propulsion system requirements with respect to vehicle systems	1964
19720062791	Results of propulsion system design and trade-off studies	1964
19720062792	Propulsion systems relating to Class 2 and Class 3 vehicles	1964
19720062793	Integration of vehicle and engine	1964
19720062794	Advanced engine systems	1964
19720062795	Vehicle requirements for propulsion	1964
19720062796	Engine systems, part 1	1964
19720062797	Engine systems, part 2	1964
19720062798	Engine cooling studies	1964
19720062799	Engine cooling experiments	1964
19720062800	Ignition and combustion	1964
19720062801	High-pressure pumping experiments	1964
19720062802	High-pressure turbopump investigations	1964
19720062803	Pumping with turbopumps for large rocket engines	1964
19720062804	Turbine drive systems for turbopumps for large rocket engines	1964
19720062805	Bearings and seals for turbopumps for large rocket engines	1964
19720062806	NASA altitude-compensated nozzles	1964
19720062807	Air Force altitude-compensated nozzle	1964
19720062808	Ejectors and thrust augmentation	1964
19720062809	Reacting flow calculations and nozzle optimization	1964
19720062810	Hot gas injection	1964
19720062811	Reactive fluid injection	1964
19720062812	Mechanical systems and differential throttling	1964
19720062951	Unidirectional lightweight energy absorbing body support platform for use in the Apollo couch system or follow-on projects	1964
19720062953	Evaluation of the unidirectional lightweight energy absorbing body support platform supplied under Weber Aircraft specification DR-5787	1964
19720063617	Electrical propulsion for space mission: - Planning considerations	1964
19720063661	Comparison of free-flight measurements of stability of the Gemini and Mercury entry capsules at Mach numbers 3 and 9.5	1964
19720063664	Measurements of spatial distribution of shock-layer radiation for blunt bodies at hypersonic speeds	1964
19720063668	Effects of Reynolds number at low subsonic speeds on aerodynamic characteristics of a reentry body with a variable sweep wing	1964
19720063669	Hypersonic aerodynamic characteristics of a reentry configuration with variable-sweep wings	1964
19720063678	Shock-tunnel heat transfer investigation on the afterbody of an Apollo-type configuration at angles of attack up to 45 deg	1964
19720063768	Transonic thrust and drag characteristics of an annular nozzle having a semitoroidal concave plug	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720063769	Transonic performance of two convergent-divergent ejector nozzles designed for corrected secondary flow of 3 and 9.4 percent	1964
19720063835	Results of the IR lunar photography experiment at Wallops Island	1964
19720063837	Apollo systems engineering manual: Service module and adapter structure	1964
19720063849	Lunar orbit rendezvous reference trajectory data package: Midcourse sensitivities and guidance analysis coefficients (RTDP Issue - Trajectory No. 1)	1964
19720064113	Site data processor: Input buffer, supplement 2	1964
19720064281	Preliminary analysis of meteor radiants and orbits	1964
19720064282	On the ionizing efficiency of meteors	1964
19720064283	Meteor Echo Rates and the Flux of Sporadic Meteors	1964
19720064406	Geographic potentials of spacecraft imagery: Visual photography, radar and infrared imagery of the earth	1964
19720064883	Preliminary experimental operation of high-voltage isolation device for propellant system of an ion rocket	1964
19720064927	Elements of the theory of orbit determination	1964
19720065116	Static aerodynamic characteristics of a model of a Saturn 1 block 2 launch vehicle with proposed spacecraft at Mach numbers from 1.57 to 2.87	1964
19720065117	Longitudinal stability and control, roll control and hinge moments of a Little Joe 2-Apollo model at Mach numbers up to 1.20	1964
19720065121	Transonic wind-tunnel investigation of the aerodynamics characteristics of various Saturn 5 configurations	1964
19720065136	Aerodynamic coefficients for a model of a paraboloidal reflector directional antenna proposed for a JPL advanced antenna system	1964
19720065279	Hypersonic aerodynamic characteristics of four series of blunt lifting body and winged reentry configurations	1964
19720065280	Effect of forebody geometry on the supersonic aerodynamic characteristics of a fixed wing canard supersonic transport model	1964
19720065302	Hypersonic static longitudinal characteristics of a slender lifting configuration with various afterbody flares	1964
19720065303	Static aerodynamic characteristics at Mach numbers from 2.50 to 4.63 of a staged airplane model designed for cruise above Mach 5	1964
19720065304	Supersonic aerodynamic characteristics of a cruciform missile configuration with low-a-spect-ratio wings and in-line tail controls	1964
19720065305	Aerodynamic characteristics at a Mach number of 2.20 of a variable-sweep fighter model with wing sweep of 50 deg, 60 deg, and 75 deg	1964
19720065306	Effects of wing-planform and nacelle modifications on aerodynamic characteristics of a supersonic transport model at Mach 2.30, 2.60, and 2.96	1964
19720065307	Longitudinal, directional, and lateral aerodynamic characteristics of an inflatable-type reentry vehicle at a Mach number of 6.0	1964
19720065363	Heat transfer to a hemispherically blunted 9 deg half-angle cone cylinder at hypersonic free flight Mach numbers up to 20.4	1964
19720065364	High supersonic lateral directional stability characteristics of a 70 deg swept wing-body-tail model with various body cross sectional shapes	1964
19720065386	Aerodynamic characteristics at Mach numbers from 0.50 to 2.96 of a supersonic transport model with a variable-sweep high-panel-aspect-ratio wing	1964
19720065387	Stability and control characteristics of a flat-bottom lifting reentry configuration at a Mach number of 1.61	1964
19720065388	Transonic aerodynamic characteristics of a horizontal take-off and landing reusable booster having variations in wing planform	1964
19720065389	Experimental investigation of nozzle flow characteristics and forces contributing to tipoff of the scout fourth-stage motor	1964
19720065391	Static stability and control characteristics of a right triangular pyramid lifting reentry configuration at a Mach number of 10.03	1964
19720065392	Wind tunnel investigation of nozzle hinge moments on two launch vehicle models at Mach numbers 1.60, 2.00, and 2.40	1964
19720065393	Low Speed Aerodynamic Characteristics of a Supersonic Transport Model with a Blended Wing-Body, Variable-Sweep Auxiliary Wing Panels, and Outboard Tail Surfaces	1964
19720065395	Transonic longitudinal aerodynamic characteristics of an STOL fighter-bomber model with a variable-sweep wing	1964
19720065396	Hypersonic aerodynamic characteristics of plain and ported elevon controls on a 75 deg swept modified delta-wing configuration	1964
19720065398	Supersonic aerodynamic characteristics of a recoverable booster with variations in wing planform	1964
19720065469	Aerodynamic characteristics of several lifting and nonlifting configurations at hypersonic speeds in air and helium	1964
19720065470	Transonic longitudinal aerodynamic characteristics of a variable-sweep fighter model having body-mounted nacelles	1964
19720065471	Supersonic combustion ramjet performance	1964
19720065472	Free-Flight Investigation of Reentry Heat Transfer and Ablation at Velocities Up to 22,500 Feet Per Second	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720065473	Effects of configuration geometry on the transonic aerodynamic characteristics of a simulated launch vehicle	1964
19720065474	Aerothermal measurements of damaged reentry bodies obtained in free flight at Mach numbers from 11.0 to 2.0	1964
19720065475	Transonic longitudinal aerodynamic characteristics of five cone cylinder flare bodies of revolution	1964
19720065526	A study of the stability and drag of several aerodynamic shapes in air, carbon dioxide, and argon at Mach numbers from 3 to 8	1964
19720065546	Towards a low level accelerometer	1964
19720065582	On the optimum quantization of stationary signals	1964
19720065584	Punctured systematic cyclic coder	1964
19720065626	Comparison of flight-measured and calculated turbulent heat transfer on the X-15 airplane at Mach numbers from 2.5 to 6.0 at low angles of attack	1964
19720065636	Low speed aerodynamic characteristics of a modified arrow-wing supersonic transport configuration with high lift devices	1964
19720065637	Aerodynamic characteristics at Mach numbers from 2.50 to 4.63 of a variable-sweep model at sweep angles from 55 deg to 75 deg	1964
19720065639	Aerodynamic characteristics at Mach numbers from 1.70 to 2.86 of a STOL model with a variable-skew wing	1964
19720066138	High-temperature mechanical properties of a tungsten-uranium dioxide composite	1964
19720066140	Comparison of fast moderated-heterogeneous and moderated-homogeneous high-temperature reactors for nuclear-rocket propulsion	1964
19720066810	Studies of thermionic materials for space power applications	1964
19720066982	Lunar landing research vehicle: Structural analysis handbook	1964
19720066983	Lunar landing research vehicle: Weight and balance handbook	1964
19720066984	Lunar landing research vehicle: Summary of estimated performance	1964
19720066985	Lunar landing research vehicle: Estimated handling qualities	1964
19720067618	Joining of tungsten-uranium dioxide composites by vapor deposition	1964
19720067839	Digital computer programs for rocket nozzle design and analysis. Volume 4: Single expansion plug nozzle design	1964
19720067840	Digital computer programs for rocket nozzle design and analysis. Volume 5: Single expansion plug nozzle performance	1964
19720068779	Apollo GSE end item specification for control unit assembly: Attitude reference system, bench maintenance, model C14-307	1964
19720068786	Procedure and schedule for Apollo guidance computer software qualification	1964
19720068795	Apollo LEM measurements requirements Lunar Excursion Module-1 (LEM-1)	1964
19720068799	NASA program Apollo working paper 1144, Apollo measurement requirements, spacecrafts, 012, 014, and 015	1964
19720068810	Design control specification for switch manual, coaxial, RF, communications subsystem	1964
19720068818	General end item test plan for ACE-S/C ground stations 4 through 10. Appendix C: MSC 1, ground station 4	1964
19720068827	Apollo checkout criteria	1964
19720068841	Preliminary LTA-10 test plan	1964
19720068843	Saturn/Apollo pyrotechnics reliability survey report, 30 September 1964	1964
19720068845	Quarterly summary of quality program performance for the period, 1 July - 30 September 1964	1964
19720068851	Apollo spacecraft	1964
19720068854	Apollo guidance and navigation program	1964
19720068862	Test plan for Spacecraft 001	1964
19720068871	Apollo ground support equipment operation and service instructions, guidance and navigation stabilization and control system interface substitute unit (model A14-126)	1964
19720068872	Spacecraft 008 test plan	1964
19720068873	Apollo Program Quarterly Technical Progress Report	1964
19720068880	Monthly Progress Report No. 18	1964
19720068883	GSE end item specification for fluid distribution system control unit SPS oxidizer (PSDF), Model C14-444	1964
19720068887	Quality assurance program priorities and emphasis	1964
19720068893	Apollo support equipment maintenance: Water-glycol cooling unit, model S14-052 (part no. G16-848020)	1964
19720068895	Reliability and quality assurance progress report, September 1964	1964
19720068896	Monthly progress report, September 1964	1964
19720068897	Laser radar program	1964
19720068900	Apollo support equipment maintenance: Earth landing system sequencer tester bench maintenance equipment, Model C14-126 (Part no. R 6300)	1964
19720068902	Project Apollo guidance and navigation program	1964
19720068906	Little Joe 2 test launch vehicle	1964
19720068908	NASA Program Apollo Working Paper 1134: Apollo S/C measurement requirements: Airframe 010	1964
19720068909	NASA Program Apollo Working Paper 1133: Apollo S/C measurement requirements, Airframe 002, Apollo Mission A-004	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068910	NASA Program Apollo Working Paper 1133A: Apollo measurement requirements, Apollo mission A-004, SC002/Little Joe 2	1964
19720068912	End item test plan with appendix A for NAA-2 and appendix B for NAA-3	1964
19720068916	NASA system design and research	1964
19720068917	Monthly progress report no. 21, November 1964	1964
19720068918	Apollo spacecraft	1964
19720068920	Reporting plan for Apollo mission A-101 (BP-13)	1964
19720068927	Little Joe 2 test launch vehicle	1964
19720068937	Monthly Progress Report, November 1964	1964
19720068939	Monthly quality status report, Apollo spacecraft	1964
19720068940	Static test of butt-welded 2219-T81 aluminum alloy orthogonal specimens	1964
19720068941	Results of humidity tests of wire wrap terminals	1964
19720068944	LEM Quarterly Technical Progress Report, 1 October - 31 December 1963	1964
19720068945	LEM flight development program summary	1964
19720068947	Apollo SC measurement requirements, Apollo mission A-201, spacecraft 009	1964
19720068978	Project Apollo	1964
19720068979	Ground support equipment performance and interface specification for stand, reaction control system test Little Joe 2, P/N 12-91019	1964
19720068980	Tests conducted on type 39B64-3-A 175 VA static inverter	1964
19720068994	Apollo spacecraft maintenance boilerplate 13	1964
19720068998	Apollo monthly failure summary, March 1964	1964
19720069007	LEM program	1964
19720069009	Test plan LTA-1: House spacecraft (electronics integration)	1964
19720069021	Apollo crew/spacecraft interface zero gravity test program	1964
19720069022	LEM program monthly technical progress report number 3	1964
19720069024	Apollo guidance and navigation system: Checkout, maintenance, and repair manual, volume 1	1964
19720069035	Final test method functional tester	1964
19720069039	Ground support equipment performance and interface specification for console, thrust termination, Little Joe 2, P/N 12-61344-1	1964
19720069045	Ground support equipment planning and requirements list	1964
19720069046	Quality control plan Apollo	1964
19720069053	Results of static tests of shear panels	1964
19720069055	Apollo guidance and navigation	1964
19720069062	Monthly failure summary (lunar excursion module), 10 August - 10 September 1964	1964
19720069063	Test plan: Heavyweight propulsion rig HA-3 ascent stage development testing at PSDF/WSMR	1964
19720069085	Technical data release procedures	1964
19720069098	GSE end item specification for bench maintenance equipment kit: Launch escape system (modification kit for model C14-029-101)	1964
19720069100	Apollo monthly failure summary	1964
19720069106	Test plan for the LEM ascent stage sealant program	1964
19720069107	Studies of the influence of wind criteria on the influence of wind criteria on Saturn 5 launch vehicle structural weight	1964
19720069109	Reliability and quality assurance. Study the use of quality assurance techniques from other programs and determine applicability for Apollo	1964
19720069112	Analysis of current reliability progress in allied programs	1964
19720069113	Documentary photography: Still photographic report	1964
19720069114	Project Apollo end item specification for the S-4B adapter flight test article	1964
19720069115	Engineering test requirements airframe 008	1964
19720069118	Apollo semiannual materials report	1964
19720069128	Apollo reliability and quality activities reporting system (draft)	1964
19720069130	Contractor's independent research and development program (CIRP)	1964
19720069137	Guidance and navigation system reliability program	1964
19720069139	Apollo GSE end item specification for junction box assembly: Pad, boilerplate 22 (modification kit for model C14-172)	1964
19720069140	Apollo support equipment maintenance: Fuel cell power plant water-glycol servicing unit, Model S14-054 (part no. G17-848004-101)	1964
19720069141	Apollo support equipment maintenance handbook: Water-glycol cooling unit, Model S14-052 (part no. G16-848020-101)	1964
19720069144	Attainable reliability of integrated circuits for systems application	1964
19720069151	GSE end item specification for towbar kit positioning trailer, narrow base (kit for model H14-052)	1964
19720069152	GSE end item specification for command module substitute unit, model A14-051	1964
19720069153	GSE end item specification for service propulsion oxidizer transfer and conditioning unit, model S14-002	1964
19720069159	Apollo ground support equipment operation and service instructions, on board recorder checkout unit, model C14-031	1964
19720069160	LEM program monthly technical progress report number 4	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069164	Apollo monthly failure summary	1964
19720069166	Apollo S/C measurements: Airframe 002, Apollo Mission on A-004	1964
19720069168	Apollo measurement requirements: Boilerplate 23, Apollo mission A-002	1964
19720069179	GSE end item specification for set wrench, LES tower explosive bolt, model A14-130	1964
19720069182	Environment specifications for Apollo scientific equipment	1964
19720069203	Little Joe 2 test launch vehicle	1964
19720069206	LEM program	1964
19720069221	Contractor's independent research and development program (CIRP)	1964
19720069229	Project Apollo guidance and navigation program	1964
19720069230	Project Apollo guidance and navigation program	1964
19720069232	Apollo GSE maintenance ground cooling cart Model A14-001	1964
19720069235	Contractor's independent research and development program (CIRP)	1964
19720069281	Engineering study for solar simulator Space Propulsion Facility	1964
19720069292	Tests of energy absorber of LEM landing gear 1/6 scale model	1964
19720069293	Trajectory results: Little Joe 2/boilerplate-22	1964
19720069294	Apollo support equipment data sheets auxiliary, checkout, and servicing equipment	1964
19720069295	Apollo monthly failure summary, February 1964	1964
19720069296	GSE end item specification for maintenance stand, command module, Model no. H14-035	1964
19720069297	Apollo monthly failure summary, April 1964	1964
19720069298	Apollo GSE end item specification for checkout system, verification set, Model A14-029	1964
19720069308	Ground support equipment end item specification for service propulsion fuel transfer and conditioning unit model no. S14-008	1964
19720069310	Project Apollo GSE end item specification for protecting pressurization unit assembly model S14-099	1964
19720069311	Project Apollo GSE end item specification for the support set, low, S4B(LEM) adapter model H14-167	1964
19720069312	GSE end item specification for cap and plug set, Apollo spacecraft model no. A14-026 (configuration 601)	1964
19720069313	Apollo spacecraft	1964
19720069314	Quality control performance audits Apollo spacecraft	1964
19720069315	Reporting plan for Apollo mission A-001 (BP-12)	1964
19720069317	The earth as seen from the moon	1964
19720069406	The 1964 contractor's independent research program for Apollo Support Department	1964
19720069416	Quality control performance audits Apollo spacecraft	1964
19720069440	Reporting plan for Apollo mission A-102 (BP-15)	1964
19720069589	The oxidation and hydriding of of zirconium alloys under irradiation in steam	1964
19720069677	The development of a personnel dosimetry system for Apollo	1964
19720069722	Summary of solar radiation observations	1964
19720069948	The International Committee for the Study and Rationalisation of Methods for Determination of Gase in Steel: Ninth Plenary session, November 1963	1964
19720070436	Investigation of Lamb waves for inspection of thin skin weldments	1964
19720070460	Externally heated thermionic converter (U)	1964
19720070461	Externally heated thermionic converter (U)	1964
19720070607	Shoe materials for ultrasonic transducers	1964
19720070667	Theoretical investigations of the lift of conical bodies over a wide Mach number range	1964
19720071473	Detailed performance evaluation of the Mark 5 self-excited MHD generator engineering services for investigation of the effects of variation of mass flow, loading, seed concentration, and magnetic field strength on the performance of the Mark 5 20-megawatt generator	1964
19720071573	Assist the Bureau of Ships in obtaining data on helicopter replenishment of missiles (U)	1964
19720072120	Saturn Monthly Progress Report, 16 December 1963 - 16 January 1964	1964
19720073003	Saturn instrument unit: System integration and check-out	1964
19720073067	Guidance and error analysis techniques for manned Mars mission	1964
19720073679	NASA financial management manual. Volume 4: Agency-wide coding structure	1964
19720073786	Range Safety Analysis, NASA Mariner C Mission	1964
19720073790	Accelerometer mechanical design (U)	1964
19720074037	Vibration and acoustic analysis of Saturn SA-3 flight	1964
19720074057	Apollo Executives' Meeting Proceedings	1964
19720074066	Telemetry simulation program for the Lincoln site data processor	1964
19720074316	The profile of an exponential atmosphere viewed from outer space and consequences for space navigation	1964
19720074318	A proposed circuit structure for computer logic based on semiconductor flat packs interconnected by multilayer circuit boards	1964
19720074319	Statistical decision theory for logistics planning	1964
19720074323	Problems with electrical connectors and insulated wires in the aerospace industry	1964
19720074327	Electromagnetic interference problem definitions and recommendations as related to the apollo program	1964
19720074332	Computer program system for calculation of ACE-S/C reliability and availability	1964
19720074995	Crew Systems Division	1964
19720075023	Little Joe 2 test launch vehicle	1964
19720075029	Project Apollo guidance and navigation program	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075375	The reliability of some simple redundant, repairable systems	1964
19720075376	Reliability considerations for systems with constant repair times	1964
19720075388	Systems analysis report for the digital propellant level control system	1964
19720075391	Analysis of lightning effects on Launch Complexes 34 and 37	1964
19720075397	Abort guidance system studies	1964
19720075398	Thermal analysis: TM-2 descent stage	1964
19720075399	Full Mission Engineering Simulator (FMES), computer capacity report. Part 2: Programming analysis and computer sizing	1964
19720075407	A general description of radiative heating for reentry at lunar velocities	1964
19720075410	Parameter study: Little Joe 2 trajectory results	1964
19720075413	E guidance: A general explicit, optimizing guidance law for rocket propelled spacecraft	1964
19720075415	SA-7 ground instrumentation profile	1964
19720075416	Lunar landing dynamic systems investigation	1964
19720075418	Lunar landing simulation 3A	1964
19720075427	Sampling reliability test plans with relatively small lot sizes	1964
19720075429	Design of minimum time diagnostic sequences for failure repair procedures	1964
19720075430	Reliability Analyses of ACE-s/c ground station (naa)	1964
19720075567	Standard abbreviations of terms used in milestone descriptions, Fourth Edition	1964
19720075568	Apollo in-flight experiment guide	1964
19720075577	NASA basic administrative processes	1964
19720075579	Discussion of systems engineering	1964
19720075827	Experimental investigation of an annular reverse-flow rocket engines using hydrogen and oxygen propellants	1964
19720075977	Apollo return to earth trajectories	1964
19720075997	Error ellipsoids for lunar landing and abort	1964
19720076020	Interface control document for research and development vehicle SA-8. Volume 2: A level interface design criteria	1964
19720076193	Food and nutrition evaluation: MESA study	1964
19720076278	Lunar orbit rendezvous reference trajectory data package	1964
19720076279	Analysis of Apollo orbit determination accuracy with random errors in ground based radar and onboard optical observations. Volume 4: The lunar parking orbit	1964
19720076280	Preliminary Apollo abort study trajectory sensitivity coefficients. Volume 3: Print key and near moon abort sensitivity coefficients	1964
19720077256	Rotary wing wake analysis	1964
19720077257	Analysis of wake behind fixed wing aircraft	1964
19720077333	Advanced space guidance system. Volume 3: Digital computer technical description	1964
19720077460	Midcourse sensitivities and guidance analysis coefficients (RTDP issue 3)	1964
19720077463	General end item test plan for ACE-S/C ground stations 4 through 10	1964
19720077536	The effect of planform and position of fins, and boattail angle on the static stability and axial-force characteristics of the Lance missile (U)	1964
19720077630	Lunar orbit rendezvous reference trajectory data package	1964
19720077631	Lunar orbit rendezvous reference trajectory data package	1964
19720077633	Midcourse sensitivities and guidance analysis coefficients (RTDP issue 4 - trajectory no. 5)	1964
19720077776	Detail specification for the X-15 research aircraft, system 605A (NAA designation NA-240) (U)	1964
19720077908	AMR test 1060 (U)	1964
19720077918	Space Propulsion Systems Studies (U)	1964
19720077920	Space object identification study (U)	1964
19720078740	Explosions from sodium drops in hot uranium oxide	1964
19720078840	Master digital command system. Volume 1: Operation and maintenance	1964
19720078846	Master digital command system. Volume 2: Operation and maintenance	1964
19720079376	Stage O for Saturn-1B	1964
19720079484	RAT SCAT cross section measurements of the REX vehicle (U)	1964
19720079539	Qualification testing on capacitor, fixed, paper, hermetically sealed, mil-general	1964
19720079628	Project AUTEAC acoustic array hydrophone malfunction report preliminary version	1964
19720079754	Materials evaluation for AUTEAC hydrophone	1964
19720079832	Development of the Pin silicon diode solid state radiation detector for POLARIS missile motor nondestructive testing	1964
19720079835	An electronic data processing system for the Navy calibration program at the Metrology Engineering Center, Bureau of Naval Weapons Representative, Pomona, California	1964
19720080435	Cost/reliability research: An investigation of cost/reliability relationships, volume 1	1964
19720080483	Radioisotope-fueled power supply for the IMP satellite	1964
19720080502	Studies of thermionic materials for space power applications	1964
19720080504	Model specification KIWI-B nozzle model RN-6	1964
19720080507	Oak Ridge National Laboratory SNAP-8 corrosion program	1964
19720080508	Oak Ridge National Laboratory SNAP-8 corrosion program	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720081228	Interior noise evaluation of the S-141 A/G shelter, AN/TSC-19 communications van, and AN/TSC-25 communications central	1964
19730060792	Combustion of polyolefin insulation and toxicity of teflon under electrical overloads	1964
19730060793	Navigation for the Apollo program	1964
19730060796	Apollo guidance and navigation: Checkout, maintenance and repair manual: AGC simulator	1964
19730061033	Manned Mars: Landing and return mission, volume 2	1964
19730061057	Evaluation of an alternate flight plan for lunar operations, phase 1	1964
19730061131	Studies of thermionic materials for space power applications	1964
19730061294	Computer mechanization of six degree of freedom flight equations	1964
19730061300	Study of SNAP power systems in the lunar environment. Volume 3: Study summary	1964
19730061781	An evaluation of the chemical problems associated with the aqueous systems in the tungsten water moderated reactor	1964
19730062080	Analytical study of in pile thermionic systems	1964
19730062091	NERVA components irradiation program. Volume 9: GTR test 8	1964
19730062109	Tungsten cladding of tungsten-uranium dioxide composites by chloride vapor deposition	1964
19730062133	Study of an advanced mission planning and evaluation methodology: Supporting data, addendum A	1964
19730062154	High temperature liquid metal cooled reactor study, volume 2	1964
19730062455	Gemini launch data system data book	1964
19730062518	The colors, bolometric corrections and effective temperatures of the bright stars	1964
19730062609	Nuclear Rocket Simulator Tests Facility and Research Apparatus Description	1964
19730062668	Research and development on tungsten, uranium dioxide, fuel-element configurations	1964
19730062682	Cermet research and development activities	1964
19730062683	Nuclear rocket simulator tests flow initiation with locked rotor; tank pressure ramp, 25 to 70 psia, run 8	1964
19730062684	Fabrication of tungsten-UO ₂ hexagonal-celled fuel-element configurations	1964
19730062800	Developmental status of thermionic space power systems	1964
19730062809	Tungsten reactor dynamics analysis project, phase 1	1964
19730062810	Recommended Monte Carlo program for computing radiation heating in a Tungsten Water-Moderated Reactor (TWMR)	1964
19730062811	Thermal properties of tungsten-uranium dioxide mixtures	1964
19730062813	Fabrication and mechanical properties of tungsten-uranium dioxide composites	1964
19730062815	Investigation of fuel loss from tungsten-uranium dioxide bodies	1964
19730062816	Tungsten cladding of tungsten-uranium dioxide composites by chloride vapor deposition	1964
19730062817	Joining of tungsten-uranium dioxide composites. Phase 1: Summary report	1964
19730062818	Tungsten Cladding of Tungsten-uranium Dioxide (W-UO ₂) Composites by Deposition from Tungsten Hexafluoride (WF ₆)	1964
19730062899	Void fraction measurements in cavitating mercury	1964
19730062956	Evaluation of high strength columbian alloys for alkali metal containment	1964
19730062960	Development of electrical switchgear for space nuclear electrical systems, phase 1	1964
19730062966	Potassium corrosion test loop development	1964
19730062971	Development of electrical switchgear for space nuclear electrical systems	1964
19730062972	Potassium corrosion test loop development	1964
19730063317	A comparison of the crosslinking of highly oriented and non-oriented crystalline polyethylene by ionizing radiation	1964
19730063723	Test Program and Procedures for the NASA Insert Test in the 630A Critical Experiment Reactor	1964
19730063763	Blast and fireball comparison of cryogenic and hypergolic propellants	1964
19730063841	Saturn 5 launch vehicle digital computer. Volume 1: General description and theory	1964
19730063842	Saturn 5 launch vehicle digital computer Volume 2: Maintenance data	1964
19730064186	Laboratory maintenance instructions Saturn 5 launch vehicle digital computer and launch vehicle data adapter test equipment. Volume 1: Aerospace computer manual exerciser (IBM part no. 6900000), aerospace data adapter/processor tester (IBM part no. 6900500), aerospace system test and evaluation console (IBM part no. 694000)	1964
19730064345	Laboratory maintenance instructions Saturn 5 launch vehicle digital computer and launch vehicle data adapter test equipment. Volume 3: Launch vehicle digital computer manual exciser (IBM part no. 6902000)	1964
19730064691	Generation of valid long time creep data on refractory alloys at elevated temperatures	1964
19730064912	Developmental Testing SNAP 2 Fuel Elements	1964
19730065304	Heat-transfer and pressure measurements on a 0.033-scale Titan 3 model at supersonic speeds	1964
19730065330	SNAP 8 Quarterly Progress Report, May - July 1964	1964
19730066782	Centaur capability handbook	1964
19730066800	Integrated Mission Control Center requirements control document, volume 1, book 2	1964
19730066801	Integrated Mission Control Center requirements control document, volume 1, book 3: Console panel arrangements and configurations; SCATS	1964
19730066807	Project Gemini: Launch trajectory data system	1964
19730067050	Functional description of a 250 volt-ampere static inverter	1964
19730067063	GOSS digital command network data book, Volume 1, revision 2	1964
19730067064	GOSS digital command network data book, volume 3, Revision 1	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067065	GOSS digital command network data book, volume 2, revision 1	1964
19730067067	SCATS design document, volume 1, revision 1	1964
19730067069	Studies of thermionic materials for space power applications	1964
19730067175	Qualification test for duplexer, ferrigas	1964
19730067524	Integrated Mission Control Center requirements control document. Volume 1, book 1, section 2: IMCC operations	1964
19730067530	Studies of thermionic materials for space power applications	1964
19730067541	Study of application of nuclear electrical power to manned orbiting space stations, phase 2. Appendix B: SNAP-8 reactor support data	1964
19730067595	Preassembly experiment (PAX) in support of NRX-A2	1964
19730067596	NERVA summary report for contract year 1964, volume 1	1964
19730067611	Additional investigation of the SNAP-8 reactor outlet temperature transients	1964
19730067624	NERVA summary report for contract year 1964, volume 2	1964
19730067626	Anticriticality poison system (ACPS)	1964
19730067927	A study of the development of a basic planetary transportation systems model	1964
19730067986	Study of SNAP power systems in the lunar environment. Volume 4: Study summary	1964
19730067987	Thermionic converter operation status at General Atomic	1964
19730067988	Investigations of carbides as cathodes for thermionic space reactors, part 2	1964
19730067996	NERVA-X-engine	1964
19730068002	Manned Mars Landing and Return Mission Study. Volume 5: Nuclear Propulsion - Final Report	1964
19730068003	Data analysis report of NRX-A1 tests	1964
19730068019	Basic analog model for the nerva engine	1964
19730068026	NERVA Source Term program	1964
19730068045	Radiation analysis of NRX-A2 by various methods	1964
19730069147	The analysis and design of a high-temperature thermoelectric conversion device	1964
19730069195	RIFT systems analysis. Volume 6: Nucleonics	1964
19730069221	A study of manned Mars exploration in the unfavorable time period (1975 - 1985). Volume 5: Spacecraft propulsion systems	1964
19730069223	Nuclear safety study: Mission model analysis	1964
19730069227	Reusable nuclear ferry vehicle preliminary design study. Volume 3: Nuclear engine analysis	1964
19730069228	Rift systems analysis. Volume 5: Propulsion	1964
19730069925	Factory test plan for optical unit and map and data viewer	1964
19730069948	Launch vehicles	1964
19730069949	Engineering study of nuclear power plant lunar exploration systems for Apollo. Volume 5: Contract extension studies	1964
19730069950	A study of manned planetary missions. Volume 4: Vehicle design	1964
19730069955	The state of the art of thermoelectricity, volume 1	1964
19730069959	Engineering study of nuclear power plant lunar exploration systems for Apollo. Volume 3: Conceptual design. Part 1: Reference plant design, description and evaluation	1964
19730069960	Manned interplanetary missions, volume 2, part B	1964
19730069965	Engineering study of nuclear power plant: Lunar exploration systems for Apollo	1964
19730070267	A model study of helicopter operations aboard the class CVA(N)65 aircraft carrier	1964
19730070610	SST Design Point Performance Based on NASA Static Test Phase 11: November 1964 (U)	1964
19730070921	Computer programs for shielding problems in manned space vehicles	1964
19730071877	Final report, July 1964	1964
19730072547	Manned environmental system assessment	1964
19730072754	Evaluation of AN/UQN-1(H) sonar sounding set	1964
19730072780	Military potential test of the OH-4A Light Observation Helicopter (LOH)	1964
19730072781	Logistical evaluation test of the OH-4A Light Observation Helicopter (LOH)	1964
19730072938	Alkali metals boiling and condensing investigations: Some recent data	1964
19730073115	Operational test of the XM-7 and XM-8 armament subsystems on the OH-5A	1964
19730073128	Military potential test of the OH-5A Light Observation Helicopter (LOH)	1964
19730073129	Logistical evaluation test of the OH-5A light observation helicopter (LOH)	1964
19730073185	Report of the engineering flight test: Stability and control phase of the OH-4A helicopter, unarmed (clean) and armed with the XM-7 or XM-8 weapon subsystem, part 1	1964
19730073186	Report of the engineering flight test: Performance phase of the OH-4A helicopter, unarmed (clean) and armed with the XM-7 or XM-8 weapon subsystem, part 2	1964
19730073187	Report of the engineering flight test - Performance phase of the OH-5A helicopter, unarmed (clean) and armed with the XM-7 or XM-8 weapon subsystem, part 2	1964
19730073373	Program Apollo flight mission directive for mission A-003 (BP-22)	1964
19730073407	Static and dynamic stability characteristics of the Apollo LEV canard-post abort configuration	1964
19730073408	Manned spacecraft costing technique (MASCOT)	1964
19730073412	Optimized CM/SM performance to lunar equatorial landing sites for 7, 8, and 9 day missions launched daily during the first 45 days of 1968	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073413	A study of the effect of reduced launch vehicle engine gimbal angle limits on the time available for Apollo hard-over-gimbal abort at maximum dynamic pressure	1964
19730073417	LVDC equation defining document for the SA-201 flight program	1964
19730073507	A study of ultrasonic techniques for the inspection of liberty ship welds	1964
19730073828	GT-2 mission directive	1964
19730073840	Calculated preflight trajectory data for the Gemini-Titan mission two (GT-2)	1964
19730073910	Report of the engineering flight test (stability and control phase) of the OH-5A helicopter, unarmed clean and armed with the XM-7 or XM-8 weapon subsystem, part 1	1964
19730074371	Program review for the National Aeronautics and Space Administration	1964
19730074407	Operational test of the XM-7 and XM-8 armament subsystems on the OH-4A	1964
19730074667	A correlation of leading edge transition and heat transfer on swept cylinders in supersonic flow	1964
19730075370	Military potential test of HRS-8 beacon	1964
19730075925	Space technology analysis and mission plans: Slide brochure	1964
19730076362	Engineer design test on aircraft released smoke marker system	1964
19730077105	Apollo measurement requirements, Apollo Mission A-005, SC010/Little Joe 2	1964
19730077106	Apollo measurement requirements, Apollo mission A-002, BP23/Little Joe 2 12-51-1	1964
19730077114	Contractor information control center requirements	1964
19730077628	Reporting plan for Apollo mission A-002 (BP-23)	1964
19730077853	Control-display compatibility and display vector aiding in two dimensional tracking	1964
19730078016	Planetary Studies: Associate Advanced Study Review	1964
19730078017	Objectives, missions, systems, and plans	1964
19730078018	Manned planetary missions. Exploration of Mars and Venus	1964
19730078019	Nuclear rocket program and application	1964
19730078020	Advanced Mariner, Voyager Automated Biological Laboratory, comets/asteroids and planetary planning studies	1964
19730078021	Anchored IMP, extended Pioneer, advanced Pioneer	1964
19730078022	Background material for the study of the national space power program. Volume 4: Direct thermal energy conversion papers	1964
19730078023	The state of the art of thermoelectricity	1964
19730078024	Magnetohydrodynamic space power generation	1964
19730078025	State-of-art survey of thermionic conversion for electrical space power	1964
19740072274	Review of NERVA fuel. Element surface treatment	1964
19740072275	Analysis of alpha particle release from particulate fuel	1964
19740072280	SNAP 17A System Phase 1 Summary	1964
19740072288	SNAP 8	1964
19740072313	Feasibility tests of FLOX with the Atlas Ma-5 booster engine gas generator	1964
19740072380	LASL Rover Program	1964
19740072383	Fluidized bed Reprocessing of Rover Fuel	1964
19740072582	Considerations toward the selection of an electrical power system for the logistics spacecraft	1964
19740072732	Selection of a power system for a large space station	1964
19740072873	Investigation and development of propellant feed systems for manned space vehicles	1964
19740072886	Space programs summary no. 37-25, volume 5 for the period 1 December 1963 - 31 January 1964. Supporting research and advanced development	1964
19740072938	Apollo SC measurement requirements Apollo A-202 spacecraft 011	1964
19740072942	A preliminary trajectory study for launch from the Martian surface into orbits about the planet	1964
19740072957	Results of the Gemini 1 centrifuge program	1964
19740072958	Flight crew training plan	1964
19740072959	Preflight training plan for second manned gemini flight crew	1964
19740073077	Present status of thermionic fuel element materials	1964
19740073124	Helios (Nuclear Pulse Rocket)	1964
19740073268	Thermal control considerations for a manned earth orbiting space station	1964
19740073270	Requirements for an automated data storage and retrieval system	1964
19740073271	Gemini centrifuge program outline. Phase 2: (Pilot review and familiarization)	1964
19740073272	Report of a study of a low lift-to-drag ratio, hypervelocity entry into the earth's atmosphere using a constant altitude braking maneuver	1964
19740073336	Radiation analysis of mechanical irradiation tests 901 through 904	1964
19740073447	Feasibility of isotopic power for manned lunar missions	1964
19740073448	Feasibility of Isotopic Power for Manned Lunar Missions	1964
19740073470	Saturn 5 Uprating Study	1964
19740073518	Preliminary study of the NERVA 2 reactor design	1964
19740073527	An investigation of cost/reliability relationships	1964
19740073528	Rigid body study of control, separation, and lift-off for SA-6 vehicle	1964
19740073529	Space programs summary no. 37-26 volume 1 for the period 1 January 1964 to 29 February 1964. The lunar program	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740073530	Space programs summary no. 37-26 volume 2 for the period 1 January to 29 February 1964. The planetary-interplanetary program	1964
19740073541	Bore seal technology topical report: Research and development program on magnetic, electrical conductor, electrical insulation, and bore seal materials	1964
19740073546	Liquid propellant research evaluation	1964
19740073547	Space programs summary no. 37-26, volume 5 for the period 1 February 1964 to 31 March 1964. Supporting research and advanced development	1964
19740073548	Reproducibility of properties of composite polyurethane propellants	1964
19740073650	Feasibility tests of FLOX with the Atlas MA-5 sustainer gas generator and vernier engine	1964
19740073681	Operations analysis of advanced lunar transportation systems. Volume 4: Vehicle parametric data	1964
19740073731	Steady state irradiation behavior of NERVA fuel material, phase 1	1964
19740073733	Thermal stress experiments on NERVA fuel material	1964
19740073734	Ionization in Solid Propellant Rockets	1964
19740073735	Ionization in Solid Propellant Rockets	1964
19740073776	Radiation effects data book. Volume 1: Radiation effects, book 2	1964
19740074185	OSSA program supporting research projects, part 3	1964
19740074224	Nuclear propulsion for rockets: ROVER	1964
19740074279	Pluto quarterly report no. 19, January-March 1964	1964
19740074283	Results of the seventh Saturn 1 launch vehicle test flight	1964
19740074318	Results of the third Saturn 1 launch vehicle test flight	1964
19740074319	SA-6 predicted standard trajectory and dispersion analysis	1964
19740074320	Evaluation program for nickel cadmium sealed cells. General performance test of Gulton Industries, Incorporated 16.0 ampere hour cells	1964
19740074355	Space programs summary no. 37-25, volume 1 for the period 1 November - 31 December 1963. The lunar program	1964
19740074437	Evaluation of a manufacturing process for producing pyrolytic graphite insulating sleeve of maximum structural integrity	1964
19740074738	Preliminary advanced engine studies (NERVA-2)	1964
19740074742	Saturn SA-5 postflight trajectory	1964
19740074821	A Radioisotope Thermoelectric Power Supply for the Surveyor Lunar Roving Vehicle	1964
19740075273	Final predicted trajectory and dispersion study for Saturn 1 vehicle SA-7	1964
19740075292	Thirty-kilowatt plasmajet rocket-engine development: Second-year development program	1964
19740075303	Flight evaluation and performance analysis report for Range 7 mission (45-day report)	1964
19740075316	OSSA program: Supporting research projects, part 3	1964
19740075317	OMSF program: Supporting research projects, Part 2	1964
19740075400	Radiation effects data book. Volume 1: Radiation effects, book 2	1964
19740075445	Fabrication of tungsten-uranium dioxide Honeycomb structures	1964
19740075704	OART Program. Part 1: Supporting research projects	1964
19740075710	Cryogenic service module development study	1964
19740075927	Radioisotope thermoelectric power supply for the interplanetary monitoring probe satellite. Phase 1: System design	1964
19740075956	RIFT systems analysis. Volume 4: Dynamics and control	1964
19740075971	Investigation of engine-component integration, volume 2	1964
19740076010	On-board checkout and remedial activities for the lunar excursion module	1964
19740076016	SNAP-8 electrical generating system development program	1964
19740076041	Investigation of engine-component integration. Volume 1: Summary	1964
19740076081	Orbital payload potential: Saturn 1B earth launch vehicle using solid propellant motors	1964
19740076405	An examination of the application to satellite meteorology of various segments of the electromagnetic spectrum. Part 2: Meteorological satellite observation of thermal emission	1964
19740076413	Air Vehicle Performance Characteristics Report	1964
19740076433	Gemini Program GLV-1 Mission F+10 Day Flight Test Report	1964
19740076539	On the ability of a thermophototropic coating to control temperature	1964
19740076619	Space programs summary no. 37-27, volume 5 for the period 1 April - 31 May 1964. Supporting research and advanced development	1964
19740076712	Fast response thermocouple for measurement of temperatures in cryogenic cases	1964
19740077269	Apollo LEM measurements requirements lunar excursion modules 4 thru 10	1964
19740077323	Boost Winds Criteria	1964
19740077452	Operator's manual for analogue units used for heat rate measurements with thin film gages	1964
19740077499	Flywheel stabilized, magnetically torqued attitude control system for meteorological satellite study program	1964
19740077569	Slosh design handbook 1	1964
19740077773	Chemistry of living systems	1964
19740077776	Chemistry of living systems	1964
19740077826	The Tiros-wheel spacecraft with canted Tiros cameras	1964
19740077895	Response of higher plants to high-intensity light, part 1. The use of pathogen-free plants in a microcosm, part 2	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740078172	Chemistry of living systems	1964
19740078318	Tiros 7 meteorological satellite system, volume 1	1964
19740078319	Tiros 8 meteorological satellite system, volume 1	1964
19740078328	Tiros meteorological project: An analysis of vee-head attitude sensor systems	1964
19740078331	Tiros 9 meteorological satellite flight evaluation test plan	1964
19740078342	The TIROS 6 Meteorological Satellite System	1964
19740078572	Tiros 7 radiation data catalog and users' manual. Volume 1: 19 June - 30 September 1963	1964
19740078573	Tiros 7 radiation data catalog and users' manual. Volume 2: 1 October 1963 - 29 February 1964	1964
19740078580	Tiros meteorological satellites: Evaluation of one-year timers for radio beacon power cutoff, part 2	1964
19740078585	The Tiros 5 meteorological satellite system	1964
19740078615	Semiannual progress report. Part 2: OMSF program supporting research projects, 1 January - 1 July 1964	1964
19740078986	Preliminary modifications to Aracon gridding program for Tiros wheel	1964
19740078992	Nadir and azimuth angle conversion from conventional TIROS to TIROS-wheel	1964
19740079017	Aracon T-L graph for Tiros attitude determination program documentation	1964
19740079018	Aracon program for Tiros attitude determination from IR brush record program documentation	1964
19740079183	Attitude handbook for the Tiros 9 Meteorological satellite system	1964
19740079448	Aracon program for Tiros attitude determination from horizon sensor data for the CDC 160-A computer	1964
19740079598	Neutral and ion mass spectrometer experiment S5015	1964
19740079889	Attitude determination from Tiros photographs	1964
19740079982	Feasibility testing 50 percent FLOX with atlas oxidizer system components	1964
19740079996	RL10 Engine Reliability Studies for Apollo Mission	1964
19740079998	Gemini Launch Vehicle: Program and Facilities	1964
19740080000	Gemini Launch Vehicle: Program and Facilities	1964
19740080062	Agena Rendezvous System	1964
19740080304	Development of catalysts for monopropellant decomposition of hydrazine	1964
19740080805	The state of the art of thermoelectricity (U)	1964
19740081273	Multivariable analysis of the mechanics of penetration of high speed particles	1964
19740081288	Delta Tiros 1 mission orbit error analysis, addendum 1	1964
19740081713	Study of the Effects of Minor Alloy Additions and Hydriding Cycle Variation on the Hydriding Behavior of Zirconium-Hydride	1964
19740081854	Re-entry vehicle instrumentation program	1964
19740082819	NERVA nuclear subsystem	1964
19740083253	Heat transfer program review	1964
19740083280	NERVA nuclear subsystem	1964
19740083294	Apollo guidance and navigation: Field operations program	1964
19740084196	Centaur technical handbook, revision A	1964
19740084623	SNAP-8 corrosion program	1964
19740084633	SNAP 10A power unit	1964
19740084634	SWAP-8 corrosion program	1964
19740084636	SNAP-8 corrosion program	1964
19740084642	RIFT safety analysis model specification	1964
19740084644	SNAP-8 corrosion program	1964
19740084648	Generator engineering study for the surveyor lunar roving vehicle	1964
19740085055	Feasibility test of reclaiming process for AVI-1790-8 engine cylinders	1964
19740085498	The aerodynamic nozzle study	1964
19740085499	Development of catalysts for monopropellant decomposition of hydrazine	1964
19740085502	Design, fabricate, and test breadboard liquid hydrogen pump	1964
19740085503	Program requirements no. 800, CENTAUR	1964
19740085507	Investigation of the off-design performance of	1964
19740085509	MA-5 FLOX program	1964
19740085511	Multi-chamber engine investigation	1964
19740085513	Investigation of catalytic ignition of oxygen/hydrogen systems	1964
19740085514	Advanced combustion chamber (toroid)	1964
19740085516	Aerodynamic nozzle study	1964
19740085518	Research on a hydrogen-fluorine propulsion system	1964
19740085521	Investigation of the use of hydrogen as a secondary injectant for thrust vector control	1964
19740085836	Product improvement test of track, T107 experimental compounds	1964
19740085875	Safety analysis of the SNAP 10A mission	1964
19740086275	Mathematical availability model	1964
19740086732	Investigation of engine-component integration	1964
19740086851	GSE end item specification for weight and balance jack set model H14-9015	1964
19740086861	High pressure pumping technology	1964
19740086866	Summary of informal conference on Winds Aloft and Application to Launch Vehicle Design	1964
19740086878	High pressure pumping technology	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086882	Advanced combustion chamber (toroid)	1964
19740086888	Advanced valve technology for spacecraft engines. Volume 2: New design concepts	1964
19740086892	Aerodynamic nozzle study	1964
19740086895	MA-5 FLOX program	1964
19740086897	Investigation of the use of hydrogen as a secondary injectant for thrust vector control	1964
19740086898	MA-5 FLOX program	1964
19740087149	Multi-chamber engine investigation	1964
19740087218	Investigation of the use of hydrogen as a secondary injectant for thrust vector control	1964
19740087236	The design of an experiment to determine the limitations imposed on a multiple-aperture-antenna system by propagation phenomena	1964
19740087774	Engineer design test of compatibility of engine, diesel, fuel-injected, liquid-cooled, V-type, 6 cylinder, model 6V-53, serial no. 6D-643	1964
19750063875	Saturn 1B liquid hydrogen experiment preliminary launch vehicle design definition	1964
19750063892	Report preparation and activities plan for GT-2 mission	1964
19750064241	The analysis of a toxic vapor cloud caused by the vaporization or reaction of hydrazing, unsymmetrical dimethylhydrazine, monomethylhydrazine and nitrogen tetroxide	1964
19750064251	The development and qualification testing of a lightweight net couch and restraint system for use in the Mercury spacecraft	1964
19750064252	Rocket impulse requirements to achieve a 300 nautical mile orbit about the planet Mars using atmospheric braking by a constant altitude flight	1964
19750064256	Control weight mission for system design	1964
19750064260	Analog simulation of Gemini-paraglider earth landing system and ground control facility	1964
19750064263	Crew egress procedures developed during the qualification test program for the Gemini spacecraft at-sea operations	1964
19750064269	Experiments for GT-3 mission	1964
19750064285	Probability of S-4B/IU lunar impact due to guidance errors at translunar injection	1964
19750064287	OART program, supporting research projects, part 1	1964
19750064288	SA-9 preliminary predicted trajectory	1964
19750064420	General test plan research and development for Project Apollo spacecraft. Volume 2. Individual system tests	1964
19750064447	Extended Apollo systems utilization study. Volume 21: Reliability and GSE	1964
19750064469	Tiros	1964
19750064569	Advanced valve technology for spacecraft engines. Volume 2: New concepts	1964
19750064594	GT-2 spacecraft time history requirements, appendix A-2	1964
19750064603	Transformations from impact predictor coordinates (IP data) to special launch trajectory parameters for use in quick-look postflight mission analysis	1964
19750064640	Analytical and experimental study of liquid orientation and stratification in standard and reduced gravity fields	1964
19750064647	Extended Apollo systems utilization study. Volume 4: Configurations, structures, and weights	1964
19750065106	Extended Apollo systems utilization study. Volume 15: Alternate guidance system	1964
19750065835	Summary of impact data on Mercury spacecraft	1964
19750065843	Lunar landing and site selection study, phase 2	1964
19750065863	Extended Apollo systems utilization study. Volume 2: Mission and performance analysis	1964
19750065864	Summary review, launch vehicle study	1964
19750065865	Extended Apollo systems utilization study. Volume 14: Guidance and navigation	1964
19750065866	Extended Apollo systems utilization study. Volume 12: Service module RCS engine	1964
19750066542	Space programs summary no. 37-25, volume 2 for the period 1 November - 31 December 1963. The planetary-interplanetary program	1964
19750066548	Apollo lunar science program report of planning teams. Part 1: Summary	1964
19750066895	A series useful in the study of difference equations	1964
19750066896	The gamma function with varying difference interval	1964
19750066912	Through-flow solution for axial-flow turbomachine blade rows	1964
19750066925	Meteorite photography and recovery network	1964
19750067660	Project Delta field flight report, Delta 22 launched 21 December 1963	1964
19750067662	Flight acceptance environmental test program of the Tiros G meteorological satellite	1964
19750067697	Alignment and calibration data for the Tiros 9 meteorological satellite	1964
19750067710	Flight acceptance environmental test program of the TIROS H meteorological satellite	1964
19750067733	Relative operating capabilities of selected electric-arc reentry environment simulators	1964
19750067736	Flight report for delta program, mission no. 22 vehicle S/N 20007/20007/20008 spacecraft: TIROS H	1964
19750067738	A study of bonding between glass and plastic in glass-reinforced plastics, phase 1	1964
19750067750	Pyrolysis of new fluoropolymers	1964
19750067751	Pyrolysis of polytrifluoroethylene: Influence of gamma radiation and alkali treatment	1964
19750067758	On the measurement of random chain scission by stress relaxation	1964
19750068369	Effects of composition and irradiation on the glass transition temperature of methyl methacrylate-styrene copolymers	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750069078	Supporting research and advanced development, volume 5	1964
19750069161	Ion emitter studies	1964
19750069176	Engineering study of nuclear power plant lunar exploration systems for Apollo. Volume 1. Summary and conclusions	1964
19750069178	Engineering study of nuclear power plant lunar exploration systems for Apollo. Volume 2: Concept selection. Part 3: State-of-the-art background data	1964
19750069182	Supporting research and advanced development. Volume 5: Supporting research and advanced development for the period 1 June - 31 July 1964	1964
19750069186	A mission plan for launching the Gemini spacecraft first	1964
19750069187	SA-7/Apollo firing test report	1964
19750069194	Attitude determination system, volume 2	1964
19750069195	Attitude determination system, Volume 3	1964
19750069223	Tests of the Avco Corporation's cooled-wall reentry-vehicle models in the JPL 21-inch hypersonic wind tunnel	1964
19750069246	Apollo flight crew performance specification, volume 2A	1964
19750069336	AEC-NASA space nuclear propulsion office minutes of the third quarterly NERVA instrumentation meeting	1964
19750069378	Nuclear power plant. Lunar exploration systems for Apollo. Volume 2: Concept selection. Part 2: Evaluation and selection of recommended plant	1964
19750069380	The lunar program, volume 1	1964
19750069390	Conceptual design of a radioisotope power system for a manned orbiting laboratory MND-3125, volume 2	1964
19750069828	Apollo requirements manual. Environmental and thermal control and thermal analysis	1964
19750069903	Bendix NERVA program: Summary report, contract year 1964	1964
19750070190	Minutes of the second quarterly NERVA instrumentation meeting	1964
19750070191	NRX-A pressure vessel metallic seal test series 2 evaluation report	1964
19750070200	Preliminary study of the NERVA II reactor design	1964
19750070509	Gas dynamics forces on NES-1 duct	1964
19750070543	Results of the braze development program for the NERVA regeneratively-cooled rocket nozzle, simulated section no. 2	1964
19750070574	Three-day report. EP-IB NRX-A2 test series. Flow tests	1964
19750070906	Notes on ground guidance and navigation studies performed for MSC, volume 6	1964
19750070907	Apollo notes, volume 7	1964
19750070911	Apollo notes, volume 4	1964
19750070912	Apollo guidance and navigation notes, volume 5	1964
19750071003	Fragmentation research program	1964
19750071431	Close encounters in plasma	1964
19750071514	Irradiation test no. ASTR-4A preliminary report	1964
19750071524	Environmental safety aspects of nuclear rocket flight operations	1964
19750071567	Dynamic response of NES (ETS-1) duct to environmental forces	1964
19750071916	Fireflies for space research: Life detection and the firefly project	1964
19750071927	The NASCOM (NASA Communications) network: Its present state and planned evolution	1964
19750071969	Preliminary recovery requirements and remote handling equipment	1964
19750071970	Interdependent facility and control systems	1964
19750071985	KIWI B-4D design review	1964
19750072713	Research test of knock and preignition characteristics of MIL-G-3056B gasoline	1964
19750072898	Engineer design test on explosion crack starter test of cast steel armor	1964
19750073059	Effect of simulated launch vibrations on ability of crew to monitor Gemini spacecraft displays and controls	1964
19750073295	Special launch trajectory parameters for use in Gemini postflight mission analysis	1964
19750073510	Chemical Technology Division	1964
19750073622	High pressure pumping technology follow-on program	1964
19750073625	Development of a 1,500,000-lb-thrust (nominal vacuum) liquid hydrogen/liquid oxygen engine	1964
19750073626	Development of a 1,500,000-lb-thrust (nominal vacuum) liquid hydrogen/liquid oxygen engine	1964
19750073631	Development of an all-fluid amplifier for liquid rocket application	1964
19750073634	The release of fission products from Nerva fuel	1964
19750073850	Nerva program plan	1964
19750075023	Study to develop design criteria of the solar simulator components for the spacecraft propulsion research facility	1964
19750075033	Delta TIROS 1 DTO trajectory no. 1	1964
19750075321	Ballistic performance of slotted reinforced grains	1964
19750075396	Feasibility study of an explosive gun	1964
19750075599	Test report for EMI test on Mohawk aircraft	1964
19750075658	Research test to determine the effect of compression ratio on engine sensitivity to fuel constituents	1964
19750075659	Feasibility test of application of radiotracer techniques to compatibility tests	1964
19750075660	Electronic timer for flare testing	1964
19750075667	Elevated temperature properties of carboaceous and silica fabric reinforced phenolic composites	1964
19750076844	Atlas 77D oxidizer tank storage test after exposure to 30 percent FLOX	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076853	Propulsion development department review. Chapter 2: Propellants, materials and ignition, Jun. - Aug. 1964	1964
19750076858	The 70-mm panoramic and frame by frame camera system KS-57	1964
19750076869	Research in fluorine chemistry	1964
19750076884	Centaur technical handbook and log	1964
19750076891	Research and development of metal hydride organic nitrogen complexes	1964
19750076904	Saturn 5 launch vehicle design data	1964
19750076913	Service suitability and electrical/electronic trials of the model E-2A airplane, volume 1	1964
19750077272	Nuclear pulse vehicle program status	1964
19750077281	Advanced Pioneer study. Volume 3: Radioisotope power supply for Advanced Pioneer	1964
19750077282	External loads report (glider and transition-preliminary)	1964
19750077297	Saturn SA-6 evaluation bulletin no. 2	1964
19750077298	Asset ASV-2, final flight test report	1964
19750077302	Research on advanced solid propellants	1964
19750077305	Trailblazer 2f test results	1964
19750077315	Research and development of metal hydride organic nitrogen complexes, volume 1	1964
19750077346	Preliminary report on Trailblazer IIg	1964
19750077351	High energy solid propellant research at MHD	1964
19750077535	A/C-3 postflight analysis report	1964
19750077537	Report of service acceptance trials on model T-39D aircraft	1964
19750078102	Lunar orbit rendezvous reference trajectory data package. Issue 4, Volume 5A: Summary and reference trajectory no. 5 data exhibits	1964
19750078841	Report of service acceptance trials on model IE-2A aircraft, volume 2	1964
19750079060	Air transportability of reactor and radioisotope materials	1964
19750079190	Hydroquench thrust termination system for upper stage motors	1964
19760065197	Decimal sequence with various radices	1964
19760065276	Assembly and installation plan of the NERVA exhaust system duct at ETS-1	1964
19760065277	Program for contract year 1964, NES ETS-1 uncooled exhaust duct	1964
19760065846	Test techniques used by NASA for investigating dynamic stability characteristics of V/STOL models	1964
19760065849	Ultraviolet light and 5-bromodeoxyuridine: Effect on incorporation of labeled bases into DNA of hela cells	1964
19760065850	Statement before the Subcommittee on Space Science and Applications of the House Committee on Science and Astronautics	1964
19760065852	International dictionary of geophysics world geodetic system	1964
19760065853	The NASA orbiting astronomical observatory	1964
19760065925	Compilation of structural inflight heating data applicable to large launch vehicles volume 3, appendix C	1964
19760065936	Space programs summary no. 37-30, volume 5	1964
19760065963	Irradiation test, preliminary report	1964
19760066033	Nuclear heating effects in propellant in clustered pairs of nuclear stages	1964
19760066188	Chronic microelectrodes for prolonged recording from single units	1964
19760066191	Evaluation of test results for pressure transducers and accelerometers: Ground Test Reactor (GTR) irradiation test no. 10	1964
19760066553	Specifications for ETS-1 steam generator system	1964
19760067384	Observations on strength calculations for sheet-metal parts with cracks	1964
19760067387	Mark 3 TPA stability analysis	1964
19760067389	Status report for bi-functional destruct system	1964
19760067732	Operational procedures for telemetry data processing for the TIROS 9 meteorological satellite system	1964
19760067916	NERVA program design review presentation to SNPO on 13 - 15 November 1973, volume 1	1964
19760067932	Irradiation test, preliminary report	1964
19760067933	Support equipment technical description handbook	1964
19760068514	The analytic solution of periodic boundary value problems with applications to crystal surface processes	1964
19760068524	Dyna-Soar Safety Design and Operational Requirements. X-20 (Dyna-Soar) Communications and Tracking Subsystem CR-64-408-29-1	1964
19760068591	Minutes of the Fourth Quarterly NERVA Instrumentation Meeting	1964
19760068610	NRX-A pressure vessel metallic seals, test series 1 evaluation report	1964
19760068611	NRX-A propellant inlet assembly S/N 002 vibration survey evaluation report	1964
19760068615	Operational description of the duct analysis program job 12007	1964
19760068617	Cold flow test of reactor cluster and substitute reactor cluster	1964
19760068622	Evaluation and testing of strain gage techniques used in the NRX-A1 reactor	1964
19760068623	Analysis of several NRX system malfunctions	1964
19760068624	NERVA source term program	1964
19760068628	VARI-QUIR 2: Space-time neutron diffusion with feedback	1964
19760068629	Release of fission products from WANL capsule FP-4	1964
19760068630	Radiation levels in the actuator	1964
19760068631	Analog-computer study of fast retreat and other shutdown modes for NRX-A2 power tests	1964
19760068632	Structural evaluation of the inner reflector	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760068633	Review of NRX-A1 thermal and fluid flow performance and its effect on NRX-A2	1964
19760068867	Photographic photometry of the galactic cluster M37	1964
19760068875	A new approach to space navigation	1964
19760068908	Strain gage research and high output transducers	1964
19760068924	Gaseous core reactor analysis: A proposal to Lewis Research Laboratory	1964
19760069165	Control Plate Friction Test (EML-14)	1964
19760069280	TPA presentation, SNPO-C	1964
19760069281	Experimental and analytical studies of nuclear exhaust systems	1964
19760069288	Steady state temperature profile on NRX-AL aluminum pressure vessel assembly, report no. 9443-63-1	1964
19760069332	Reactor design and development program	1964
19760069335	Test report on a WANL radiation test of NERVA components (GTR tests 7 and 7A)	1964
19760069360	Radiation effects program planning details for General Dynamics, Fort Worth for contract year 1965	1964
19760069365	Control drum bow tests (EML-48)	1964
19760069375	Summary of instrument transducer qualification for NRX-2	1964
19760069376	Evaluation of the NRX-A2 nozzle interface seal	1964
19760069377	WANL fuel material irradiation program. Capsule series T-T. Phase 2: Safeguards report	1964
19760069378	Approximate method for determining static stresses in regular support block (based on plate analysis)	1964
19760069379	Analysis and design significance of impedance ring loss coefficient component test results	1964
19760069382	Leakage test of NERVA engine pressure vessel metallic seals, series no. 2	1964
19760069391	Status report on NRX systems analysis models	1964
19760069399	Selected terminology and data applicable to nuclear propulsion and space travel with special reference to the NERVA program	1964
19760069404	NERVA Technical Review Meeting, volume 3	1964
19760069417	Advanced programs integration presentation	1964
19760069418	Advanced engine analysis presentation	1964
19760069745	KIWI B-2A Reactor design review	1964
19760069750	Evaluation foil-type pyrolytic graphite insulating sleeves	1964
19760069751	NRX-A2 profiles for demand programmers	1964
19760069752	Sector thin web specimen thermal shock tests	1964
19760069753	Development of an improved bubble through saturator	1964
19760069769	REON radiation-effects program review	1964
19760069773	NERVA nozzle program plan CY 1965 and 1966	1964
19760069776	Flow rate and pressure drop characteristics of an inconel X-750 nozzle interface seal	1964
19760069777	NRX-A1 twelve week post operative report	1964
19760069783	Pre-irradiation analysis of tungsten-rhenium thermocouples	1964
19760069784	Comparison of WANL and LASL fuel element hydrogen corrosion testing	1964
19760069787	NERVA nozzle casting program	1964
19760069809	Presentation on the growth potential of the S/N 9 NERVA nozzle	1964
19760069813	Informal progress letter no. 32 to AEC-NASA Space Nuclear Propulsion Office	1964
19760069814	Informal progress letter no. 33 to AEC-NASA Space Nuclear Propulsion Office, July - September 1964	1964
19760069818	President's Scientific Advisory Committee	1964
19760069822	Status report on analysis of the cold flow development test system	1964
19760070775	Detail cost data	1964
19760071401	Kiwi-B final test report	1964
19760071844	Fatigue strength of glue joints on wafer-end elements at ambient temperature	1964
19760071876	Long life fuel development program	1964
19760071877	NRX-A component test program	1964
19760071878	NERVA fuel element process studies	1964
19760071881	NERVA program: NRX-A1 test	1964
19760072210	The impact of the NASA programs on the New Orleans area economy	1964
19760072285	Thermal stress experiments on NERVA fuel material	1964
19760072296	Informal progress letter no. 31 to AEC-NASA Space Nuclear Propulsion Office, January, February, and March 1964	1964
19760072711	Turbopump Stability and Test Stand Dynamics	1964
19760072722	Mark 3 turbopump assembly performance test results	1964
19760073119	GSE end item specification for cradle, transport, launch escape system, model H14-083 (-101 configuration)	1964
19760073207	Thermal capsule calibrations	1964
19760073210	Shield optimization study for NERVA	1964
19760073523	[A Design Procedure Utilizing Crossfeeds for Coupled Multiloop Systems]	1964
19760073677	Gaseous core reactor analysis. A proposal to Lewis Research Laboratory	1964
19760073678	NRX A-1 engine thermal model	1964
19760074513	NERVA Technical Review meeting Aerojet-General Corporation, volume 1	1964
19760074800	Perturbations of certain orbits for telecommunication satellites (preliminary study)	1964
19760074883	Systems study about an apogee-impulse-system with liquid propellants for the ELDO-A launch vehicle	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075060	Particulars for the definition of a type B launcher	1964
19760075141	Definition of program, performance and summary description of launchers	1964
19760075142	ELDO A: Study of the gyroscopic stabilization of a fourth stage	1964
19760075160	ELDO satellite launcher. Performance of launcher for initial program equipped with an apogee motor: High altitude circular orbits (telecommunication missions), elliptical orbits, escape	1964
19760075172	ELDO launch vehicle for future program: Preliminary guidance study	1964
19760075275	Heating calculations for the Blue Streak WREBUS aerial	1964
19760075457	Pressure measurements on a 1:40 scale model of the ELDO satellite launching vehicle in the 1.20 x 1.20 square meters supersonic windtunnel SST of the NLR	1964
19760075458	Force and moment tests on a 1/40th scale model of the ELDO satellite launching vehicle in the NLR subsonic and transonic windtunnel HST	1964
19760075459	Force and moment tests and pressure measurements on 1/40th scale models of the ELDO satellite launching vehicle with 40 deg included angle nose cones, in the NLR subsonic and transonic wind tunnel HST	1964
19760075486	ELDO satellite launch vehicle: Performance of the initial program launch vehicle equipped with a fourth stage	1964
19760075527	Orbital rendezvous. Volume 1: General problem of orbital rendezvous and docking	1964
19760075528	Orbital rendezvous. Volume 2: Dynamics of rendezvous and guidance	1964
19760075627	Proposal for an ELDO future program	1964
19760075669	ELDO A/S: Definition development time and cost of an apogee motor	1964
19760075692	Fairings jettisoning time optimization	1964
19760075718	Use of ELDO-A first and third stage as launching vehicle for small payloads	1964
19760075733	ELDO A launcher augmented by an apogee stage: Examination of general principles leading to the choice between several system variations	1964
19760075734	Cora 1: Performance and dispersions	1964
19760075736	Launcher initial program (ELDO-A): Performances and type trajectories	1964
19760075745	Destruction test on simulated Cora engine	1964
19760075758	Preliminary design of liquid hydrogen and liquid oxygen stages	1964
19760075817	A preliminary study of an inertial guidance system	1964
19760075829	ELDO A/S launch vehicle. Guidance concepts and evaluation: Summary and provisional conclusions	1964
19760075838	A description of the Blue Streak telemetry systems	1964
19760075872	Proposal for Eurovision by stationary satellite	1964
19760076025	A brief survey of the theory of low frequency oscillations in combustion chambers	1964
19760076050	Thermal insulation of space vehicles using cryogenic propellants	1964
19760076065	Comparison of high energy propellants for upper stages of ELDO B space vehicle launcher	1964
19760076077	Preliminary study on the use of high-energy propellants and definition of an ELDO-B launch vehicle. Part 1: Comparison and analysis of high-energy propellants	1964
19760076078	Preliminary study on the use of high-energy propellants and definition of an ELDO-B launch vehicle. Part 2: Parameter-study	1964
19760076079	Preliminary study on the use of high-energy propellants and definition of an ELDO-B launch vehicle. Part 3: Rocket engine design studies for high-energy upper stages	1964
19760076376	ELDO A/S apogee stage. Annex 5: Study of orbital guidance	1964
19760076393	Nose design investigation for Colomb-Bechar firings	1964
19760076433	Coralie trajectory as an extension to the 20-0.7-10. Blue Streak trajectory for orbiting a satellite at a perigee of 300 km unfavorable from the standpoint of heating	1964
19760076434	ELDO A/S apogee stage. Annex 3: Preliminary study of inertial guidance laws	1964
19760076437	ELDO satellite launch vehicle guidance and tracking calculations. Volume 1: General presentation. Optimal guidance and localization theory	1964
19760076438	ELDO satellite launch vehicle guidance and tracking calculations. Volume 2: Optimal guidance and localization theory applied to the ELDO problem	1964
19760076439	ELDO satellite launch vehicle guidance and tracking calculations. Volume 3: Description of real time programs	1964
19760076440	ELDO satellite launch vehicle guidance and tracking calculations. Volume 4: Results of computer simulation	1964
19760076472	Preliminary study of an apogee stage for the Europa 1 launch vehicle	1964
19760076473	ELDO A/S apogee stage. Annex 1: Spinning up. Dispersion during thrust phase	1964
19760076474	ELDO A/S apogee stage. Annex 2: Analytical study of equipment	1964
19760076534	Analysis of UDMH by gas chromatography (issue 1)	1964
19760076539	Telemetry antennas for the ELDO-A rocket	1964
19760076548	ELDO A/S apogee stage. Annex 4: Thermal study of the satellite	1964
19760077289	J-2 uprating study	1964
19760077842	The development of structural adhesive systems suitable for use with liquid oxygen	1964
19760079976	A review of turbulence phenomena for use in low altitude gust criteria	1964
19760079977	An analysis of the reliability that results from redesigning a structure on the basis of a single static test	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079978	A procedure for attaining preselected probability of surviving a given external load when the stress analysis is partly unknown	1964
19760079979	Ranger 6 Launch Report	1964
19760079984	Structural design criteria bibliography	1964
19760080322	AMR data collection program, 1964	1964
19760081320	Introduction to the EDL acoustic program at AMR-1964	1964
19760081792	Aerodynamic characteristics of a 1/25-scale model of the RB-57F at Mach numbers from 0.20 to 0.80 (Coord. no. AF-AM-319)	1964
19760084903	VLF-LF forward propagation studies using available CW transmissions	1964
19760085552	Pilots report on Gemini/Apollo projects	1964
19760086228	Various tests on two delays R1 and R2, loaded with gasless composition with ignition by a detoning cord R1 approximately 0.350S and R2 approximately 0.110S	1964
19760087200	Influence of consolidation pressure on speed of burning 2 gasless compositions as follows: A is 90% Pb3O4 with 10% B, and B is 42.2% SnO, 48.2% PbO2, 2.4% CrO4K2 and 7.2% Zr	1964
19770068972	Operating limits NRX-A2 reactor	1964
19770068973	Temperature measurement systems	1964
19770069642	Analysis of the Scout R-4 heat shield flight test data	1964
19770069904	Engineering study of nuclear power plant lunar exploration systems for Apollo. Volume 2: Concept selection. Part 2: Evaluation of technology and selection of concept	1964
19770071502	Research and technology program digest, FY 1964	1964
19770072871	NGC 2188, a peculiar southern galaxy	1964
19770072872	Molecular flow through soils and the possibility of lunar permafrost layers	1964
19770073459	OH radical detection and measurement by resonant radiation	1964
19770073940	Bounded-input bounded-output stability of nonlinear time-varying differential systems	1964
19770074016	The low energy, large angle electron scattering spectrum of helium	1964
19770074021	The structure of a shock front in atomic hydrogen. 4: Stability, dissipation and propagation	1964
19770074212	The Fremont Butte, Washington County, Colorado meteorite	1964
19770075198	NASCOM high frequency radio propagation predictions	1964
19770075594	Publications of the Jet Propulsion Laboratory July 1963 - June 1964	1964
19770075662	Engineering Study of the Digital-Operational Technique	1964
19770077795	Astrionics research and development	1964
19770077797	Development of Saturn fire detection systems	1964
19770077801	Apollo logistic support systems MOLAB studies. Section 10: Task report on power system studies	1964
19770077916	Radio frequency evaluation of SA-5 vehicle	1964
19770078287	Inflight gravitational computation	1964
19770078408	A nondestructive memory buffer using single apertured cores	1964
19770080216	The role of task difficulty in a discrete tracking task	1964
19770080493	The vapor pressure and latent heat of vaporization of p-hydrogen from the triple to the critical point	1964
19770081067	Gemini Applications for Lunar Reconnaissance	1964
19770081127	Apollo checkout system study	1964
19770081921	Gemini design test philosophy	1964
19770084939	Conference of High Energy Cyclotron Improvement	1964
19770085619	Nuclear pulse space vehicle study. Volume 3: Conceptual vehicle designs and operational systems	1964
19770085622	Analytical study of liquid metal condensers. Volume 2: Condenser structural analysis	1964
19770088211	A method of solving supersonic boundary layer separation and its application and its application to wedges and curved surfaces	1964
19770088223	Evaluation of modified Doppler equipment	1964
19770088238	Fuselage fail-safe design data and bomb resistant analysis for the supersonic transport	1964
19770088240	Supplement to OV-1A (A0-1AF) demonstration progress and data report	1964
19770088329	Describing function for an error saturating minor loop	1964
19770088335	The study of operational problems and techniques in wind tunnel of VTOL and STOL vehicles	1964
19770088374	Lunar rover control simulator phase III configuration	1964
19770088378	Delta range safety trajectory and aerodynamic data for the S-3C spacecraft mission, model no. DSU-3C, volume 2	1964
19770088379	Detailed test objectives for Delta launch vehicle spacecraft: Tiros 1, addendum 1	1964
19770088428	Titan II, stage I, oxidizer lossy suction line program	1964
19770088448	Magnetic exchange interactions in Co UO4	1964
19770088475	MF/HF experimental phase path studies	1964
19770088476	Ionospheric data, part A	1964
19770088527	A statistical analysis of signal and noise in a generalized receiver	1964
19770088588	An electrostatic automatic torque magnetometer for measuring the properties of magnetic thin films	1964
19770088620	Welding characteristics, exhibit D	1964
19770088622	Research on gas lubrication at high temperature and low flow rates	1964
19770088677	SPL-2 programmer's manual	1964
19770088678	Design for a preferred language for the command of automatic analyses of micrographs	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088692	The historical development of the Spinor theory in the Riemannian geometry: Survey on the published literature	1964
19770088695	Theories of magnetism	1964
19770088705	SNAP-50/Spur condenser computer program	1964
19770088708	Application of light and image intensification	1964
19770088727	Thermodynamic properties of selected light-element and some related compounds, twelfth technical summary report	1964
19770088885	Technical engineering administration data book on space programs	1964
19770088887	Delta range safety trajectory and aerodynamic data for the oso-B2 spacecraft mission, model no. DSU-3C, volume 2	1964
19770088889	Flight report for vehicle S/N 392/20111/20103 Delta program-mission no. 26 spacecraft: IMP B	1964
19770088971	Research on high temperature-resistant seal and sealant materials for the supersonic transport	1964
19770089249	Ionospheric data, part A	1964
19770089263	A summary of the vertical incidence ionospheric measurements in Canada during the international geophysical year	1964
19770089347	Defense techniques, no. 9. Title index	1964
19770089373	Supersonic transport systems analysis	1964
19770089376	Lockheed nonmetallic airplane. Volume 3.1.21: COIN light armed reconnaissance airplane	1964
19770089506	Delta range safety trajectory and aerodynamic data for the syncom C spacecraft mission, model no. DSV-3D, Volume 2	1964
19770089507	Delta range safety trajectory and aerodynamic data for the Tiros 1 spacecraft mission model no. DSV-3C, volume 3	1964
19770089510	NASA-GSFC Operations plan 6-64. Orbiting solar observatory B	1964
19770089511	Synchronous communications satellites: An annotated bibliography, 1961 - 1963	1964
19770089565	KSC quick-look data evaluation guide for SA-7	1964
19770089571	Recommended applied research programs for advanced rocket propulsion systems: Combustion-heat transfer	1964
19770089586	Effect of thermal shock cycling on the compressive strength of reinforced plastic laminates	1964
19770089601	Fungal growths in aviation fuel systems. Part 5: Characteristics and nature of the corrosion in aircraft integral fuel tanks	1964
19770089602	Committee on beryllium-metallurgy of the Materials Advisory Board	1964
19770089626	Infrared measurement of pyrotechnic flares (preliminary study)	1964
19770089627	An investigation of the performance of jet engine fuels for supersonic transport aircraft	1964
19770089632	Recommended applied research programs for advanced rocket propulsion systems: Fluid machinery	1964
19770089655	An experimental system for studying partial reflecting from the lower inosphere	1964
19770089656	A 25 mc/s antenna system for solar radio-noise observations. Part 1: Design considerations. Part 2: Experimental method for matching the antennas and deriving the required antenna pattern	1964
19770089657	A comparison of wide deviation FSK and differential phase modulation in an additive interference environment	1964
19770089762	A transistor screening procedure using leakage-current measurements	1964
19770089763	Synthesis of optimum first order filters for flat spectra command and noise signals	1964
19770089764	Special list of microwave tubes	1964
19770089880	Climatological summaries for the supersonic aircraft, New York - Paris route	1964
19770089881	Climatological summaries for the supersonic aircraft, San Francisco - Thuce - Stockholm route	1964
19770089938	A bibliography of low energy electron collision cross section data	1964
19770089963	Tunnelling experiments using monolayer tunnelling barriers	1964
19770090927	Pilot plant operations	1964
19770090952	Monthly project progress report, month ending 15 August 1964	1964
19770090953	Monthly project progress report, month ending 15 September 1964	1964
19770090983	Thrust magnitude control in solid propellant rockets - project BANGI	1964
19770091005	Thermal behavior study of three modified cast double-base propellants	1964
19770091006	Propulsion development department review. Chapter 4: Explosives and pyrotechnics, June 1963 - May 1964	1964
19770091007	Propulsion development department review. Chapter 2: Propellants, materials, and ignition, december 1963 - February 1964	1964
19770091008	Unique solid-propellant study	1964
19770091014	Surveyor follow-on study scientific objectives. Phase 1: Significance of a successful surveyor block 1 landing	1964
19770091021	Fabrication and flight evaluation of an airborne automatic communications relay system	1964
19770091118	Wind tunnel data reduction study	1964
19770091123	Hypersonic inlet boundary layers	1964
19770091137	Microvision	1964
19770091156	Commercial SST propulsion component program	1964
19770091157	Inlet-exhaust-thrust reverser program for the commercial supersonic transport	1964
19770091216	Fuselage fail-safe design data for the supersonic transport (follow-on program)	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091217	Tail position selection, supplemental data	1964
19770091232	Commercial supersonic transport propulsion component program	1964
19770091238	Development of lubricant screening tests and evaluation of lubricants for gas turbine engines for commercial supersonic transport	1964
19770091239	Wings box fuel containment	1964
19770091265	Lunar orbit rendezvous reference trajectory data package. Summary and reference trajectory no. 4: Data package. Issue 4, volume 4A	1964
19770091266	Lunar orbit rendezvous reference trajectory data package. Issue 4, volume 5D	1964
19770091267	Preliminary procedures for examining the economic implications of manned space exploration	1964
19770091331	Agena: Application to space missions	1964
19770091413	The fire hazard in space	1964
19770091416	Effect of moisture on surface flammability of coated and uncoated cellulosic materials	1964
19770091488	Electromagnetic compatibility of high density wiring installations by design or retrofix	1964
19770091503	Atmospheric research required to facilitate electromagnetic telecommunication	1964
19770091506	Astrovoice program	1964
19770091566	Evaluation of signal electronics Ampex ES-100	1964
19770091570	Development of thermal protection system for a cryogenic spacecraft module	1964
19770091624	Silver oxide-zinc alkaline storage battery	1964
19770091685	Exobiology bibliography	1964
19770091747	Solar radiation simulator for the extreme ultraviolet	1964
19770091905	Delta range safety trajectory and aerodynamic data for the IMP B spacecraft mission, model no. DSV-3C, volume 2	1964
19770091969	Delta spacecraft design restraints	1964
19770092289	Application of light and image intensification	1964
19770092402	Supersonic transport aircraft engine. Volume 2, phase 2A: Development program	1964
19770092403	Supersonic transport aircraft engine. Volume 1, phase 2A: A development program	1964
19770092451	Surveyor T-2 accident review	1964
19770092506	The study and the development of a basic planetary transportation system model	1964
19770092540	An experimental determination of ablative rocket liner deterioration	1964
19770092541	Summary of aerospace propulsion program for 1963	1964
19770092610	Spectrum signature measurements AN/FPS-35 radar	1964
19770093019	Lunar orbit rendezvous reference trajectory data package. Proposed Apollo error analysis model and associated summary format	1964
19770093020	Lunar orbit rendezvous reference trajectory data package. Issue 4, volume 1A: Summary and reference trajectory no. 1. Data exhibits	1964
19770093021	Lunar orbit rendezvous reference trajectory data package. Issue 4, volume 5B: Printout keys and reference trajectory no. 5 listing	1964
19770093022	Lunar orbit rendezvous reference trajectory data package. Issue 4, volume 5C: Reference trajectory no. 5 listing continued (LEM final descent to earth re-entry)	1964
19770093023	Lunar orbit rendezvous reference trajectory data package. Issue 4, volume 4D: Reference trajectory no. 4 listing concluded (re-entry)	1964
19770093024	Lunar orbit rendezvous reference trajectory data package	1964
19770093025	Lunar orbit rendezvous reference trajectory data package. Issue 4, volume 4C: Reference trajectory no. 4 listing continued (LEM final descent to earth re-entry)	1964
19770093026	Lunar orbit rendezvous reference trajectory data package. Issue 4, volume 2D: Reference trajectory no. 2 listing concluded (re-entry)	1964
19770093027	Lunar orbit rendezvous reference trajectory package. Issue 4, volume 3A: Summary and reference trajectory no. 3 data exhibits	1964
19770093086	Evaluation of self-sealing structures for space vehicle application	1964
19770093112	Anisotropic strength of composites	1964
19770093163	Studies on some compounds containing boron, nitrogen, and hydrogen under consideration as rocket propellants	1964
19770093192	Feasibility analysis of a deep-space receiving terminal array of large equivalent aperture	1964
19770093219	A review of flat cable technology in space applications	1964
19770093224	Dielectric breakdown voltage of electrical insulating sputtered coatings, 11 November 1964 - 11 May 1965	1964
19770093279	Research on optical and infrared masers	1964
19770093462	Study of radio telescope in orbit (ratio) structures	1964
19770093470	Theory of the shape and gravity field of the moon. Part 1: The influence of moon craters of the gravity field of the moon	1964
19770093506	Lunar orbit rendezvous reference trajectory data package. Issue 4, volume 1D: Reference trajectory no. 1 listing concluded	1964
19770093507	Lunar orbit rendezvous reference trajectory data package. Issue 4, volume 2A: Summary and reference trajectory no. 2 data exhibits	1964
19770093515	Pioneer spacecraft test and support program	1964
19770093521	Spacecraft materials guidebook	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093529	Synthesis, characterization and evaluation of metal hydride	1964
19770093564	Spacecraft antenna design study (RELAY). Antenna radiation tests for relay	1964
19770093570	Spacecraft antenna design study (Relay). Antenna radiation tests for relay, Appendix no. 2, Vol. 2	1964
19770093582	Concepts of multiple-impact study of energy absorption	1964
19770093671	Supersonic transport development phase 2-A. Volume 5A, Book 2: Aerodynamics	1964
19770093704	Commercial SST propulsion component program	1964
19770093708	Volume 9E: Engine. Part 2: Technical. Section C: Noise levels and suppression. Phase 2-A: Data submission	1964
19770093709	Volume 9E: Engine. Part 2: Technical. Section D: Installation and inlet system compatibility. Phase 2-A: Data submission	1964
19770093712	Commercial SST propulsion component program: Fuel control system study, Appendix A	1964
19770093713	Commercial SST propulsion component program. Fuel control system study, appendix B	1964
19770093714	The commercial supersonic transport engine. Volume 1: Summary	1964
19770093715	The commercial supersonic transport engine. Volume E-5 supplement: Turbine inlet temperature	1964
19770093716	The commercial supersonic transport engine. Volume E-7: Engine installation	1964
19770093717	The commercial supersonic transport engine. Volume E-8: Manufacturing techniques and materials	1964
19770093718	The commercial supersonic transport engine. Volume E-9: Engine test program plan	1964
19770093719	The commercial supersonic transport engine. Volume E-11: Ejector reverser	1964
19770093720	The commercial supersonic transport engine. Volume M-1: Management	1964
19770093721	The commercial supersonic transport engine. Volume M-3: Product support plan	1964
19770093722	The commercial supersonic transport engine. Volume M-6: Direct operating costs	1964
19770093723	The commercial supersonic transport engine. Volume M-4: Preliminary production plan	1964
19770093724	The commercial supersonic transport engine. Volume E-3: Preliminary installation and operating manual	1964
19770093725	The commercial supersonic transport engine. Volume E-4: Engine performance report	1964
19770093726	The commercial supersonic transport engine. Volume E-5, part 1: Engine	1964
19770093727	Commercial SST propulsion component program	1964
19770093768	OPPLAN 10-64: Interplanetary monitoring platform IMP-B	1964
19770093823	Calculation of the matrix elements of the retardation factor with the characteristic functions of hydrogen	1964
19770093854	A study of polymers containing silicon-nitrogen bonds	1964
19770094252	Aerodynamic characteristics of the Boeing 720B horizontal tail	1964
19770094261	F-4B/ASW-21 AN/USW-2 operational suitability evaluation	1964
19770094276	Supersonic transport propulsion system continued research and study of high temperature turbine and exhaust nozzle noise. Volume 1: High temperature turbine program	1964
19770094279	Supersonic transport propulsion system continued research and study of high temperature turbine and exhaust nozzle noise. Volume 1: High temperature turbine program	1964
19770094289	A cockpit simulator for F-4B intercept vectoring	1964
19770094310	Lunar orbit rendezvous reference trajectory data package. Volume 3D: Reference trajectory no. 3 listing concluded (re-entry)	1964
19770094311	Lunar orbit rendezvous reference trajectory data package. Issue 4, volume 1b: Printout keys and reference trajectory no. 1 listing (earth launch to LEM final descent)	1964
19770094312	Lunar orbit rendezvous reference trajectory data package, issue 4, volume 2C	1964
19770094313	Research on thin films, guidance and control and orbit determination at TRW Space Technology Labs.	1964
19770094320	Feasibility study of the use of Little Joe 2 as a launch vehicle for boosting X-20 or M-2 reentry vehicles to hypersonic test velocities	1964
19770094322	A/C-2 postflight analysis report	1964
19770094324	Mission and payload analysis task. Atlas/Centaur launch vehicle studies	1964
19770094326	Feasibility investigation of 3.5-inch spin-stabilized aircraft rocket	1964
19770094327	Delta range safety trajectory and aerodynamic data for the Delta Tiro 1 (140 deg launch azimuth) spacecraft mission, volume 2, addendum 1	1964
19770094335	Project Proposal TIROS Operational Satellite (TOS) System	1964
19770094343	Investigation of the thermodynamics and reaction kinetics of large solid propulsion systems	1964
19770094395	Research in high-energy oxidizers	1964
19770094396	Development of a method for handling water-wet HMX	1964
19770094397	Synthesis of LMH-2	1964
19770094398	Propulsion and development department review. Chapter 2: Propellants, materials, and ignition	1964
19770094399	Propulsion development department review. Chapter 1: Propulsion techniques, systems, and analysis	1964
19770094400	Evaluation of a high energy liquid propellant rocket engine oxidizer and a pilot production of same	1964
19770094401	Research on ultra-high impulse propellant systems	1964
19770094404	Evaluation of three nitroplasticized cast-composite propellants for thermal stability	1964
19770094405	Propulsion Development Department review. Chapter 1: Propulsion techniques, systems, and analysis	1964
19770094414	Study of reflectivity measurements of aircraft	1964
19770094507	Spacecraft antenna design study (relay). Appendix 1: Antenna radiation tests for relay, Appendix no. 1	1964
19770094508	Summary report	1964
19770094545	The digital simulation of transfer functions mechanical engineering report	1964
19770094607	Fiber optics technology improvement	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094629	The impact of massive federal programs on the career potentials of scientists and engineers	1964
19770094630	Labor market adjustments by unemployed older workers	1964
19770095133	Monthly project progress report, month ending 15 June 1964	1964
19780070010	Pretest report for the 0.15-scale Apollo FS-11 model canard loads test in the NAA trisonic wind tunnel	1964
19780070011	Pretest report for tests of an Apollo tumbling dynamic stability model with canards (FD-9) in the Lewis Research center, 8- by 6-foot supersonic wind tunnel	1964
19780070012	Pretest report for the 0.105-scale Apollo canard static force model (FS-2) in the Ames 11- by 11-foot, 9- by 7-foot, and 8- by 7-foot unitary plan wind tunnels (Ames 8)	1964
19780070039	Apollo wind tunnel model nomenclature	1964
19780070042	Apollo RCS engine tests in the AEDC RTF J2A test cell	1964
19780070043	Structural analysis of the 0.125-scale Apollo force model (FS-10)	1964
19780070044	Structural analysis of the Apollo 0.090-scale H-11 heat transfer model	1964
19780070045	Heat transfer tests of the 0.090-scale Apollo entry configuration model H-11 in the AEDC-VKF hypersonic tunnel C	1964
19780070046	MTS and APTT malfunction selection catalog	1964
19780070048	MIT Apollo drawing standards	1964
19780070050	Structural test report on launch escape tower (ATR 500)	1964
19780070052	Dissimilar metals: Compilation of contacting interfaces between G and N parts, G and N airborne equipments (block 1)	1964
19780070054	Trajectory studies for use in determining tracking requirements for Project Apollo	1964
19780070055	Results of the LEM ascent stage sealant program	1964
19780070056	Apollo re-entry infrared support	1964
19780070060	NASA system design and research	1964
19780070061	The compleat SUNRISE, being a description of program SUNRISE (SUNRISE 33 - NASA DWG no. 1021102)	1964
19780070064	Apollo guidance and navigation program: Reliability and quality assurance report	1964
19780070065	Human performance during a simulated Apollo mid-course navigation sighting	1964
19780070069	An optical earth horizon profile based upon tabulated solutions of Chandrasekhar's equations	1964
19780070073	Functions and mechanization of the Apollo guidance and navigation system. Volume 1: Inertial subsystem	1964
19780070078	Little Joe II test launch vehicle	1964
19780070086	Results of screening tests of LEM window materials	1964
19780070091	Pre-test report for the 0.125-scale Apollo FS-10 model apex cover jettison in the North American aviation trisonic wind tunnel pretest report	1964
19780070092	Apollo event sequence panel operational efficiency test	1964
19780070094	M-5 mock-up: General arrangement and procedures	1964
19780070096	Apollo tumbling stability model with canards (FD-9): Wind tunnel pretest report	1964
19780070099	High vacuum plume impingement test report	1964
19780070105	Combustion of polyolefin insulation and toxicity of teflon under electrical over loads	1964
19780070120	Effects of vacuum on materials and components	1964
19780070121	Results of the ground vibration test and associated stiffness tests of the little joe II attitude control fin	1964
19780070124	Structural analysis of the 0.059-scale Apollo dynamic stability model (FE-9)	1964
19780070125	A general purpose data transmission system with error control	1964
19780070156	Cabin welding evaluation program	1964
19780070165	Results of shock tests on indicating acceleration sensor	1964
19780070167	Apollo optics-inertial test checkout, maintenance, and repair manual	1964
19780070240	Thermal properties of some structural members for space-borne computer assemblies	1964
19780070349	On the perception of flashes of light at the limit of their perceptibility	1964
19780070361	Keyboard and display system program for AGC (program sunrise)	1964
19780070363	Reprints of presentation to northeast executives visit at Instrumentation Laboratory, Massachusetts Institute of Technology	1964
19780070364	High-vacuum plume impingement test correlation	1964
19780070375	A class of unified explicit methods for steering throttleable and fixed-thrust rockets	1964
19780070410	Evaluation of urethane foam for potting	1964
19780070661	Helmet and space suit noise attenuation measurements for the Apollo noise program	1964
19780070815	Earth-Mars-Earth ballistic trajectory data, 1975-1986. Volume 3: Mission-map data, 1978 opposition period	1964
19780070816	Earth-Mars-Earth ballistic trajectory data, 1975-1986. Volume 4: Mission-map data, 1980 opposition period	1964
19780070817	Earth-Mars-Earth ballistic trajectory data, 1975-1986. Volume 5: Mission-map data, 1982 opposition period	1964
19780070818	Earth-Mars-Earth ballistic trajectory data, 1975-1986. Volume 6: Mission-map data, 1984 opposition period	1964
19780071390	Site investigation report: Apollo-unified S-band 30 foot dish site Ascension Island	1964
19780072056	Apollo Logistic Support Systems MOLAB Studies. Section 1: Summary Report on MOLAB Task Studies	1964
19780072057	Operational considerations in flight mission assignment. Early 200 series flights	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780072058	Flight mission assignments: Decision times	1964
19780072059	Proposed attitude of the Apollo spacecraft and SIV-B during post injection from a communications and tracking antenna viewpoint	1964
19780072122	Apollo-unified S-band 30 ft. dish site	1964
19780072123	Survey of the status of electromagnetic interference control in the Apollo program	1964
19780072124	Results of a study of the MSFN unified S-band sites in Western North America	1964
19780072125	Coverage by the Manned Space Flight Network between the near-earth and deep-space phases of the Apollo lunar mission	1964
19780072543	Summary of dynamic environment data from Agena flights	1964
19780072738	Nickel-cadmium batteries for the orbiting geophysical observatory, Volume 2.	1964
19780074753	NERVA nuclear subsystem	1964
19780074892	Post-test examination of type 316 stainless steel pump impeller RI 7C3	1964
19780075348	The design of an omnidirectional antenna system for the Apollo spacecraft	1964
19780075378	Shear strength of several alloys at liquid hydrogen temperatures	1964
19780075407	Cryogenic tensile properties of selected aerospace materials	1964
19780075605	Evaluation testing of Bendix NDC-2 series TPCU actuators	1964
19780075606	NERVA program design review presentation to SNPO on 13-15 November 1963, volume 5	1964
19780075652	Studies of Apollo contingency planning	1964
19780075671	LEM static charge effects	1964
19780075886	Trajectory implications of two ocean instrumentation aircraft coverage, case 209	1964
19780075887	Comments on Apollo flight operations documentation data package, October 1964, case 214	1964
19780075888	The 10th Apollo-Saturn Crew Safety Panel Meeting	1964
19780075889	Minutes of Meeting to Review Disposition of the S-4B/1U and related support requirements during the post injection phase of lunar missions	1964
19780075923	Launch operations critical events analysis	1964
19780075942	Apollo block 2 CM and LEM guidance and control study	1964
19780075944	Apollo calibration program: Reliability and quality assurance	1964
19780075950	Angle of attack sensor analysis	1964
19780076010	Apollo communications and tracking system: Some considerations relating to radar data sample intervals	1964
19780076059	Effect of rocket exhaust plumes on operation of infrared Earth sensors	1964
19780076067	Phase 1 report on the development of deployable solar arrays	1964
19780077345	Mechanical irradiation test no. 8/L001 static flange seal assembly, volume 4	1964
19780078006	NERVA components irradiation program. Volume 1: GTR test	1964
19780080179	Mariner Mars 1969 lander technical feasibility study	1964
19780081239	National Aeronautics and Space Administration International University Fellowships in space science	1964
19780081248	Longitudinal control force analysis of wind-tunnel test results on the Boeing 720B horizontal tail	1964
19780081249	Aerodynamic characteristics of the 367-80B airplane equipped with boundary layer control trailing edge flaps	1964
19780081272	Fatigue tests of simulated wing skin structures suited for a Mach 3 transport aircraft	1964
19780081298	Feasibility and preliminary design study of hypersonic air breathing propulsion systems for testing on the X-15 vehicle. Volume 2: Study of X-15 modification for propulsion system testing	1964
19780081365	Saturn program facilities development	1964
19780081368	Theoretical study of the dynamic characteristics of clustered structures including computer analyses of selected launch vehicle configurations	1964
19780081369	Scout inlet payload study	1964
19780081370	Atlas/Centaur	1964
19780081374	Postfiring report Cant Angle test CA-2 Shillelagh missile K-22	1964
19780081404	Theoretical and experimental studies of radiation absorptance and emittance characteristics and their control, for potential space vehicle surface materials	1964
19780081406	On exhaust-affected radiation from antennas on rockets	1964
19780081407	A program of ion research and development	1964
19780081424	Development of a high strength aluminum alloy, readily weldable in plate thickness, and suitable for application at -423 deg F (-253 deg C)	1964
19780081429	Development of a high strength aluminum alloy, readily weldable in plate thicknesses and suitable for application at -423 deg F (-253 deg C)	1964
19780081431	Research on the effect of a vacuum environment on the fatigue life of aluminum	1964
19780081443	Research and development of high temperature resistant film-forming polymeric materials for Saturn application	1964
19780081444	Development of heat resistant optically transparent thin film coatings for spacecraft windows	1964
19780081526	Theoretical study of non-equilibrium ionization in the presence of electric and magnetic fields	1964
19780081561	Detail design, strain gage balance HN01	1964
19780081562	Detail design, strain gage balance HN02	1964
19780081642	International dictionary of geophysics figure of the earth	1964
19780081649	Electrophysiological technique training course	1964
19780081650	Circadian rhythms: An analysis under terrestrial conditions and in an orbiting satellite	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081652	The effects of isolation, sensory deprivation, and sensory rearrangement on visual, auditory, and somesthetic sensation, perception and spatial orientation	1964
19780081655	Experimental studies of perceptual processes	1964
19780081674	Steps toward a universal adaptive code for optimization (grope). Internal working paper no. 11	1964
19780081695	Hollow cathode beam plasma interaction study	1964
19780081711	Research in the space-related sciences	1964
19780081719	Effects of research and development expenditures upon local and regional economies	1964
19780081723	Lunar research program	1964
19780081726	Fundamental geochemical research on tektites, stony meteorites and radiation damage in related silicate materials	1964
19780081727	An investigation of computer-coupled, automatic, remote activation analysis lunar surface analysis	1964
19780081729	Activities and expenditures	1964
19780081779	Basic investigation of multilayer insulation systems	1964
19780081786	Network instrumentation support plan for Saturn SA-6 program	1964
19780081789	Economic and technical studies on the communications satellites	1964
19780081794	Development of materials for Saturn flexible heat shield curtains and tail section insulation	1964
19780081832	NASA/USAF liquid propellant blast hazards program	1964
19780081844	Theoretical and experimental investigation in radio frequency mass spectrometry	1964
19780081845	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at - 423 deg F (-253 deg C)	1964
19780081862	Study of phenomena associated with mixing of cryogenic fluids	1964
19780081864	NASA industrial applications study	1964
19780081867	Feasibility analysis of a deep-space receiving terminal array of large equivalent aperture	1964
19780081932	Study for the development of techniques and instrumentation for detection of hydrogen gas	1964
19780081960	Pneumatic servo-controlled vibration isolation system for ST-90S and ST-124 stable platforms	1964
19780081961	Evaluation of fasteners and fastener materials for space vehicles	1964
19780081984	A study of the impact of the NASA space program on local government in the Cape Kennedy area, projects 1-5	1964
19780082000	Radioisotopic biochemical probe for extraterrestrial life	1964
19780082051	Analysis of total population in the Cape Kennedy area	1964
19780082131	Saturn monthly progress report, 16 November - 15 December 1963	1964
19780082132	Remote lunar vehicle guidance study	1964
19780082133	Vibration test program: Saturn instrument unit	1964
19780082134	Atlas/Centaur booster yaw steering feasibility study	1964
19780082142	Postfiring report. Cant angle test CA-3 shillelagh missile K-23	1964
19780082143	Postfiring report. Companion round compatibility test CRC-1 shillelagh missile P-8	1964
19780082144	Post firing report. Rain test RT-1 shillelagh missile M-1	1964
19780082154	Manned space flight network performance analysis for the first Gemini mission	1964
19780082177	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at -423 deg F (-253 deg C), phase 2 and 3	1964
19780082188	Development of improved polymeric materials for cryogenic propellant tank liners and expulsion bladders	1964
19780082246	Development of low temperature dielectric coatings for electrical conductors	1964
19780082247	Investigation of noise occurring at reverse breakdown in silicon P-N junctions exhibiting microplasmas	1964
19780082273	Ocular electrical impedance plethysmograph	1964
19780082374	Electrophysiological correlates of vigilance and learning	1964
19780082432	A study of thin film vacuum deposited junctions	1964
19780082444	Assistance to the NASA Office of Technology Utilization	1964
19780082447	A deep-space triangulation probe to determine the astronomical unit	1964
19780082449	Venus radar systems investigations	1964
19780082451	Second semiannual progress report, 1 December 1963 - 31 May 1964	1964
19780082609	Site investigation report: Madagascar STADAN Facility, Tananarive, Madagascar	1964
19780082610	Atlas/centaur launch vehicle study, launch wind constraints, phase 2	1964
19780082617	Atlas/Centaur launch vehicle study. Phase 2. Guidance and control	1964
19780082618	Bibliography of research and development reports on the centaur program for 2nd quarter 1964	1964
19780082619	Development of materials for Saturn flexible heat shield curtains and tail section insulation	1964
19780082620	Atlas/Centaur launch vehicle study. Phase 2: Guidance and control	1964
19780082621	Saturn ASC-15 computer	1964
19780082622	Survey of constraints associated with coordinated LEM-LEM truck lunar landing	1964
19780082624	Advanced Pioneer study. Volume 1: Summary report, Advanced Pioneer mission to 10 AU	1964
19780082625	Advanced Pioneer study. Volume 2: Summary report, advanced Pioneer mission to 10 AU	1964
19780082626	Advanced Pioneer study. Volume 4: Advanced Pioneer-considerations for a standardized space science system	1964
19780082627	Centaur technical handbook, revision A	1964
19780082632	Post firing report. Environment conditioning tests EN-1 through EN-5 desert-area conditioned Shillelagh missiles	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082633	Report on Cant angle test, CA-1	1964
19780082716	Meteoroid protection for spacecraft structures	1964
19780082726	Ion rocket system research and development	1964
19780082730	The detection and identification of organic matter by mass spectrometry	1964
19780082745	Pi-electron photochemistry of DL-phenylalanine in oxygen saturated and oxygen free solutions	1964
19780082754	Development of ultrahigh strength, low density, aluminum plate composites	1964
19780082755	Investigation of the stress-corrosion cracking of high-strength aluminum alloys	1964
19780082756	Development of high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at -423 deg F (-253 deg C)	1964
19780082771	Design improvements in liners for glass fiber filament-wound tanks to contain cryogenic fluids	1964
19780082772	Research and development of high temperature resistant film-forming polymeric materials for Saturn application	1964
19780082773	A study of polymers containing silicon-nitrogen bonds	1964
19780082774	Development of improved coatings for glass monofilaments	1964
19780082934	ST-124 Azimuth Shaft Angle Encoders and Associated Electronics	1964
19780083013	Research study for determination of liquid surface profile in a cryogenic tank during gas injection	1964
19780083014	Preliminary investigation of surface roughness influence on multiphase heat transfer	1964
19780083015	Research and development of high flow hydraulic filters	1964
19780083025	Evaluation of Royco Model 3300 automatic particle counter for pneumatic systems	1964
19780083061	Pressurization of liquid oxygen containers	1964
19780083076	NASA/PPSP extended pilot run operation of index activity	1964
19780083083	Optimum structural design project	1964
19780083084	Dynamics of shells of arbitrary geometry	1964
19780083106	Research on interplanetary gas and dust	1964
19780083125	The effects of isolation, sensory deprivation and sensory rearrangement on visual, auditory, and somesthetic sensation, perception and spatial orientation	1964
19780083126	The experimental design for basic research on circadian rhythms	1964
19780083127	Psychocardiovascular reactions during conditions of weightlessness in an orbiting satellite	1964
19780083220	Theoretical calculations of the bremsstrahlung cross section	1964
19780083221	Proceedings of Meeting on Charged Particle Radiation Effects	1964
19780083222	Rapid computation of specific energy losses for energetic charged particles	1964
19780083266	Radiation by a uniformly rotating line charge in a cold plasma	1964
19780083268	Solid state theory group	1964
19780083280	Research and the organization	1964
19780083281	Analysis of the impact of space activities on the national economy and establishment of a methodology for determining space program effects on regional economic growth	1964
19780083290	Summer institute in space technology	1964
19780083309	Experimental and theoretical studies in planetary aeronomy	1964
19780083876	NASA-GSFC network operations plan, Saturn 6 (SA-6)	1964
19780083898	S.U.I. experiment for the Interplanetary Monitoring Platforms (IMP) F and G	1964
19780083997	Development of improved conversion coatings for aluminum alloys	1964
19780084262	Curve fitting with frequency characteristics	1964
19780084263	Prediction of neutron induced activation	1964
19780084366	Saturn J	1964
19780084370	Pioneer spacecraft reliability analysis no. 2	1964
19780084645	Saturn 5 schedule status and project	1964
19780084646	Saturn 5	1964
19780084878	Spacecraft antenna design study (relay). Volume 1, appendix no. 2: Antenna radiation tests for relay	1964
19780085088	Apollo logistic and support system and Apollo 10. Program additions, attachment to program obligation plan 64-3	1964
19780085101	Secure range safety command system for Saturn	1964
19780085109	SA-7 pre-launch, test and checkout at KSC failure reporting summary, Jun. 5 - Sep. 24, 1964	1964
19780085113	Experimental studies of auroral phenomena including electromagnetic and particular fluxes, by means of balloon and rocket borne experiments	1964
19780085114	SA-7 launch vehicle measuring systems and associated checkout GSE description	1964
19780085180	Space flight instrumentation planning survey	1964
19780085182	Design and development of a thermo-ionic electric thruster	1964
19780085201	An experimental investigation of combustion stability characteristics at high chamber pressure	1964
19780085224	US Government metal working processes and equipment program	1964
19780085225	Program for the evaluation of structural reinforced plastic materials at cryogenic temperatures, phase 2	1964
19780085241	Investigation of light hydrocarbon fuels with flox mixtures as liquid rocket propellants	1964
19780085259	The scattering of a plane surface wave by a perfectly conducting strip	1964
19780085310	A study of the effects of space radiation on silicon integrated microcircuits	1964
19780085323	Buffeting flows analysis and experiment correlation. Volume 1: Technical discussion	1964
19780085324	Buffeting flows analysis and experiment correlation. Volume 2: Computer technology	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085325	Buffeting flows analysis and experiment correlation. Volume 3: Fluctuating pressure data, part 1	1964
19780085326	Buffeting flows analysis and experiment correlation. Volume 3: Fluctuating pressure data, part 2	1964
19780085339	System design of gas-bearing gyroscope servoloops	1964
19780085362	Development of non-destructive testing techniques for honeycomb heat shields	1964
19780085393	A failure to obtain a-diurnal activity cycles in rats	1964
19780085402	Video tracking technique in biological research	1964
19780085539	OART coordinating group on lunar Technology situation report	1964
19780085554	Orbiting geophysical observatory OGO-A operations plan 11-64	1964
19780085556	Delta monthly technical progress report	1964
19780085605	Optimum control for nuclear rockets	1964
19780085636	Evaluation of adhesives for installing flat conductor cables	1964
19780085701	Buffeting flows analysis and experiment correlation. Volume 3: Fluctuating pressure data, part 3	1964
19780085768	Electropharmacology in the analysis of membrane molecular structure and in the computation of axon behavior	1964
19780085786	A study of aeroelastic (flutter) behavior of slender flexible wing-body configurations in hypersonic flow	1964
19780085844	Conference on Lunar Technology: Compilation working papers and discussion briefs	1964
19780085852	Satellite slant ranges and visibility diagrams	1964
19780085872	Independent tracking coordination program	1964
19780085877	Modeling of space vehicle component dynamics using a digital differential analyzer method	1964
19780085898	Development of ultrahigh strength, low density, aluminum plate composites	1964
19780085899	Development of high strength, low density composite materials for Saturn applications	1964
19780085900	Development of high strength, brazed aluminum, honeycomb sandwich composites adaptable for both elevated and cryogenic temperature applications	1964
19780085909	Development of analytical methods and test equipment for determination of hydrocarbon contaminants	1964
19780085915	Evaluation of Be-38% Al alloy	1964
19780085916	Development of light weight magnesium alloys for low temperature applications	1964
19780085917	Investigation of foamed metals for application on space capsules	1964
19780085918	Investigation of a stannate conversion coating for magnesium alloys	1964
19780085931	Development of improved polymeric materials for cryogenic propellant tank liners and expulsion bladders	1964
19780085939	Investigation of the Effects of Mechanical Stress on the Permeability of Engineering Materials to Certain Cryogenic and Storable Propellants Used in Launch Vehicles	1964
19780086000	Study on hydraulic pressure surges	1964
19780086023	Hypervelocity impact effects on liquid hydrogen tanks	1964
19780086024	Development of seals and sealants for use at cryogenic temperatures	1964
19780086036	Reliability growth of US rockets and cost/reliability research executive summary report	1964
19780086098	Transformations of charged particle energy in planetary atmospheres	1964
19780086129	Research on the diurnal periodicity of physiological functions and of performance level: Including studies of the effects of removing, or of changing the period or the phase of, environmental time indicators	1964
19780086135	Program to plot scatter diagrams	1964
19780086152	A study of methods for the design and analysis of sensitivity experiments	1964
19780086155	Collective effects in atomic spectra	1964
19780086267	The NASA speech resource book	1964
19780086273	Delta monthly technical progress report	1964
19780086317	Study for the development of techniques and instrumentation for detection of hydrogen gas	1964
19780086324	Stress corrosion of aluminum alloy 2219 plate and forging	1964
19780086333	Semiannual Meeting on Development of Improved Polymeric materials for cryogenic tank liners and expulsion bladders	1964
19780086334	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen	1964
19780086356	Porosity of internal insulation liner for liquid hydrogen tank	1964
19780086465	Analysis and synthesis of plate and shell type structures	1964
19780086466	Structural integrity of liquid hydrogen tank liners using dome plates	1964
19780086506	Daphnia growth and reproduction studies: A proposed biosatellite experiment	1964
19780086507	Physiological affects of weightlessness and space radiation of hibernators	1964
19780086659	Orbital space station study (U)	1964
19780087206	Vibration and acoustic analysis, Saturn SA-6 flight	1964
19790072164	Introduction to the issue 4 reference trajectory data package	1964
19790072166	Command module programmers for unmanned Apollo missions	1964
19790072183	Two Block 1 AGC'S interconnected to function as prime sequencer for unmanned Apollo missions	1964
19790072207	Lunar orbit rendezvous reference trajectory data package: Analysis of Apollo orbit determination accuracy with random errors in ground based radar and onboard optical observations. Volume 2: The earth parking orbit	1964
19790072211	An analysis of lunar site survey by the unmanned program	1964
19790072212	An apollo system description	1964
19790072217	Exemplary Apollo mission parameter analysis	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072219	Analysis of apollo orbit determination accuracy with random errors in ground based radar and onboard optical observations. Volume 5: The transearth trajectory	1964
19790072223	Lunar orbit rendezvous reference trajectory data package: Proposed format RTDP issue 4	1964
19790072302	Development of checkout systems concepts	1964
19790072337	Lunar landing dynamics systems investigation summary report	1964
19790072399	Some effects on the Apollo mission of reducing the maximum reentry range	1964
19790072408	Standard astrodynamic constants and conversion factors for Project Apollo	1964
19790072411	Lunar orbit rendezvous reference trajectory data package. Preliminary Apollo abort study trajectory sensitivity coefficients. Volume 1 - Summary and analysis	1964
19790072415	Lunar Orbit Rendezvous Reference Trajectory Data Package. Apollo Mission Parameter Analysis	1964
19790072429	Single-pass orbit determination by smoothing radar orbital tracking	1964
19790072430	Communication and tracking coverage for the reentry phase of Apollo lunar missions	1964
19790072432	Analysis of Apollo orbit determination accuracy with random errors in ground based radar and onboard optical observations. Volume 6: Summary and conclusions	1964
19790072433	Lunar orbit rendezvous reference trajectory data package, issue 4, volume 2E	1964
19790072434	Lunar orbit rendezvous reference trajectory data package. Reference trajectory no. 4 (guided re-entry), issue 4, volume 4e	1964
19790072435	Lunar Orbit Rendezvous Reference Trajectory Data Package	1964
19790072436	Lunar orbit rendezvous reference trajectory data package. Reference trajectory no. 3 (guided re-entry), issue 4, volume 3E	1964
19790072437	Lunar orbit rendezvous reference trajectory package. Volume 5E: Reference trajectory no. 5 (guided reentry), issue 4	1964
19790072450	A computer program to compute space vehicle contact time, slant range, and altitude	1964
19790072514	LEM landing gear	1964
19790072522	Bellcomm study of data terminal switching network for the Saturn 5 checkout and launch control system	1964
19790072551	Status report on countdown simulation	1964
19790072552	Assessment of Saturn IB launch complex systems identification and requirements review	1964
19790072667	The contribution of the q-ball to the emergency detection system	1964
19790072775	Apollo communications and tracking system performance during earth parking	1964
19790072791	Instrumentation for Apollo at the MSFN site at Canary Island - case 215	1964
19790072792	Tracking a Saturn 5 launch vehicle from lift-off through insertion - case 215	1964
19790072922	Apollo spacecraft weight tradeoff possibilities	1964
19790072964	Supplemental spacecraft performance calculations	1964
19790072966	Final report task order no. 16	1964
19790072993	LIs data acquisition payloads	1964
19790072994	Generalized spacecraft weight and sensitivities computer program, case 130	1964
19790073047	Saturn 5 propellant loading system studies	1964
19790073055	Saturn 5/Apollo suborbital abort trajectories using S-IVB or SW propulsion	1964
19790073067	An aid in making the choice between hot-wire and cold-wire engine cutoff circuits for launch vehicles - case 120	1964
19790073087	Cryogenic replenish and topping control system for saturn 5	1964
19790073193	Lunar farside communications	1964
19790073199	Project Apollo - Status monitoring of ground communications	1964
19790073214	Aircraft communication range and deployment for recording signals from the spacevehicle during injection	1964
19790073241	Saturn IB/V data link evaluation	1964
19790073242	Radar markers for surveyor	1964
19790073247	Saturn 5 data link evaluation	1964
19790073249	Trip report to msc 12/11-12/64 to review revised test procedure and monitor digital-totv converter phase iv string test - case 219	1964
19790073305	Low gravity fluid mechanics and heat transfer experiment Saturn 1B	1964
19790073492	Review of the Bioastronautics Data Book	1964
19790073516	Apollo mission analysis for radiation	1964
19790073590	The relationship of work-rest schedules, confinement, and habitability to crew performance as anticipated for space missions, a selected review	1964
19790073613	Astronaut control of the lunar touchdown case 220	1964
19790073614	Crew related considerations affecting mission assignments	1964
19790073615	Alertness, astronauts and Apollo	1964
19790073653	Bellcomm activities on programmers for unmanned Apollo missions Interim report	1964
19790073657	A note on automatic generation of documentation by macro assemblers	1964
19790073658	Documentation of digital computer programs for lunar landing dynamics system investigation	1964
19790073662	Automation of computations associated with program re-scheduling	1964
19790073688	Comparison of acoustic and vibration environment of Apollo spacecraft	1964
19790073718	Costing methodologies of the program category working groups in the 1968 NASA planing system	1964
19790073724	Quarterly progress report, January March 1964	1964
19790073731	Summary of work performed under Bellcomm/ NASA task 11	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073732	Bellcomm review for NASA	1964
19790073739	Monthly progress report, November 1964	1964
19790073741	Quarterly progress report, April - June 1964	1964
19790073751	Nasa apollo progress report quarterly progress report, jul. - sep. 1964	1964
19790073752	Nasa apollo progress report quarterly progress report, apr. - jun. 1964	1964
19790073759	Management procedures in computer programming for apollo interim report	1964
19790073796	Meteoric infall and lunar surface roughness	1964
19790073839	The meteoroid hazard to the Apollo spacecraft	1964
19790073841	Surveyor site certification study	1964
19790073842	Lunar soil mechanics	1964
19790073847	Lunar landing site constraints - The arguments for and against one preselected site versus several sites	1964
19790073863	Meteoric infall and lunar surface roughness	1964
19790073876	Determination of depth of lunar surface layer using LEM landing radar - case 150	1964
19790073913	Initial lunar scientific studies by Apollo astronauts	1964
19790073934	Radiation dose calculation	1964
19790073941	Status of programs to measure solar cosmic rays	1964
19790074177	Bellcomm activities on programmers for unmanned Apollo missions	1964
19790076580	Apollo pressure model /PS-3/ with strakes in the Langley eight-foot transonic pressure wind tunnel, volume 1	1964
19790076583	Apollo technical manual - Systems dynamics aerodynamic data manual	1964
19790076584	Free oscillation tests of Apollo dynamic stability models /FD-5/ to determine stability characteristics and the effect of command module strakes in the Mach range from 1.5 to 6.0	1964
19790076619	Apollo pressure model /PS-3/ with strakes in tunnels A and C of the AEDC von Karman Gas Dynamics Facility, volume 1	1964
19790076620	Apollo pressure model /PS-3/ with strakes in tunnels A and C of the AEDC von Karman Gas dynamics Facility. Volume 2, appendix B - Tabulated data	1964
19790076624	Apollo flight mission assignments	1964
19790076658	Apollo flight mission assignments, 23 March 1964	1964
19790076659	Apollo mission planning task force - Phase 1 progress report, volume 1	1964
19790076660	Apollo mission planning task force - Phase 1 progress report, volume 2	1964
19790076665	Automatic LEM mission study	1964
19790076668	Apollo guidance and navigation. Volume 2 Primary G and N system lunar orbit operations	1964
19790076672	LEM abort simulation /abort simulation 6/	1964
19790076673	Design reference mission. Apollo mission planning task force. Volume 1, appendices Mission description	1964
19790076675	Postlaunch report for Apollo mission A-001	1964
19790076678	Detailed presimulation report for abort simulation 6	1964
19790076681	Apollo mission planning task force. Volume 3 - Appendix Progress report	1964
19790076683	Extended Apollo systems utilization study. Volume 23 - Condensed summary Final report	1964
19790076689	Requirements for data in support of Project Apollo, issue 3	1964
19790076690	Program Apollo flight mission directive for second Saturn/Apollo launch exit environment Apollo mission A-102 /BP-15/	1964
19790076691	Program Apollo Flight Mission Directive for Mission A-201	1964
19790076698	Apollo system test plan document. Part 1 Apollo system test plan requirements. Part 2 - Apollo system test plans /to be supplied	1964
19790076699	Project Apollo flight mission directive for mission A-001	1964
19790076700	Trajectory characteristics during the LEM mission	1964
19790076702	Trajectory characteristics during the LEM mission	1964
19790076704	Apollo description manual for boilerplate 15 NASA support manual	1964
19790076706	Apollo spacecraft program Quarterly status report for period ending 30 Sep. 1964	1964
19790076710	Apollo Monthly progress report, 16 Feb. - 15 Mar. 1964	1964
19790076726	Requirements for WSMR support of the LEM/Little Joe 2 tests /GAEC-RFWAR/	1964
19790076731	Apollo guidance computer and associated ground support equipment Monthly technical report, 1-31 May 1964	1964
19790076735	Apollo monthly progress report, 16 June 15 July 1964	1964
19790076737	Project Apollo Quarterly status report, period ending 31 Dec. 1963	1964
19790076744	Apollo flight mission assignments	1964
19790076745	Test maturity analysis report, Saturn I, flight sa-6	1964
19790076755	Subsystem D engineering analysis report for Gemini Agena target vehicles	1964
19790076762	Launch vehicle emergency detection, subsystem development plan /U/	1964
19790076765	Apollo launch vehicle development program summary	1964
19790076770	Block 2 Surveyor study	1964
19790076772	Apollo guidance computer and associated ground support equipment Quarterly technical report, 1 Apr. - 30 Jun. 1964	1964
19790076783	Captive dynamic-stability tests of two Apollo command-module abort configurations in the JPL 20-inch supersonic wind tunnel	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790076785	Mission-related design requirements for the LEM structural/mechanical subsystem	1964
19790076786	Mission-related design requirements for the LEM environmental control subsystem	1964
19790076795	Apollo command module guidance and navigation system block I - guidance and navigation system checkout, maintenance, and repair manual	1964
19790076797	Apollo spacecraft description boilerplate 13	1964
19790076802	Gemini guidance and control performance summary	1964
19790076805	Project Gemini Quarterly status report, period ending 30 Nov. 1964	1964
19790076809	Analysis of a cryogenic service module for the Apollo mission	1964
19790076810	Structural design criteria Gemini spacecraft	1964
19790076816	Apollo spacecraft program Quarterly status report, period ending 31 Mar. 1964	1964
19790076834	Monthly weight and balance report for the Apollo spacecraft	1964
19790076836	Monthly weight and balance report for the Apollo spacecraft	1964
19790076839	Monthly weight and balance report for the Apollo spacecraft, January 1964	1964
19790076840	Monthly weight and balance report for the Apollo spacecraft, April 1964	1964
19790076841	Monthly weight and balance report for the Apollo spacecraft, May 1964	1964
19790076842	Monthly weight and balance report for the Apollo spacecraft, July 1964	1964
19790076843	Monthly weight and balance report for the Apollo spacecraft, August 1964	1964
19790076844	Monthly weight and balance report for the Apollo spacecraft, September 1964	1964
19790076845	Monthly weight and balance report for the Apollo spacecraft, October 1964	1964
19790076847	Actual weight and balance report boilerplate no. 1 command module for land and water impact	1964
19790076849	Actual weight and balance report. Boilerplate stack no. 12. High 'q' abort test vehicle Final report	1964
19790076850	Actual weight and balance report. Boilerplate stack no. 15, second vehicle for launch environment	1964
19790076851	Pre-flight actual weight and balance report. Boilerplate stack no. 23, high dynamic pressure abort test	1964
19790076852	Actual weight and balance report. Boilerplate stack no. 27, second vehicle for dynamic tests	1964
19790076853	Apollo command and service module system specification /block 1/	1964
19790076856	Project Apollo end item specification boilerplate number 13	1964
19790076857	Tabulated Data Report for Experimental Heat Transfer Distributions Over Launch and Entry Configurations on the 0.045-Scale Apollo Model (H-2) with the Addition of Strakes at a Mach Number of 10	1964
19790076869	Apollo program qualification test summary report	1964
19790076876	Monthly weight and balance report for the Apollo spacecraft	1964
19790076884	Project Apollo end item specification, boilerplate number 12	1964
19790076901	Project Apollo end item specification, boilerplate number 26	1964
19790076909	LEM mass property report, 1 March 1964	1964
19790076910	LEM mass property report, 1 April 1964	1964
19790076915	System status report, 15 March 1964	1964
19790076916	System status report, 15 April 1964	1964
19790076917	System status report, 15 August 1964	1964
19790076918	System status report, 15 September 1964	1964
19790076919	Vehicle test plan - Apollo mission A-202 /spacecraft 011/	1964
19790076920	Test results on Apollo inertial subsystem /ISS/ no. 4	1964
19790076921	Apollo command and service module system specification /block 1	1964
19790076927	A study of the effect of reduced launch vehicle engine gimbal angle limits on the time available for Apollo hard-over-gimbal abort at maximum dynamic pressure	1964
19790076930	Apollo guidance and navigation. System status report, 15 October 1964	1964
19790076931	Apollo guidance and navigation. System status report, 15 November 1964	1964
19790076932	Apollo guidance and navigation. System status report, 15 December 1964	1964
19790076937	Dynamic analysis of the LEM flight control system	1964
19790076940	CSM technical specification, block 2	1964
19790076942	Apollo spacecraft development test plan	1964
19790076951	Systems status report, 15 January 1964	1964
19790076952	System status report, 15 February 1964	1964
19790076953	System status report, 15 May 1964	1964
19790076954	System status report, 15 June 1964	1964
19790076955	System status report, 15 July 1964	1964
19790076959	Postlaunch report for Apollo mission A-102	1964
19790076961	Design control specification for propellant tank assembly descent stage	1964
19790076974	NASA support manual. Apollo spacecraft description boilerplate 13	1964
19790076975	Project Apollo flight mission directive for first Saturn/Apollo launch exit environment, Apollo mission A-101	1964
19790076976	Static and dynamic stability characteristics of the Apollo LEV Canard-Post abort configuration	1964
19790076978	Apollo spacecraft Monthly weight and balance report, Nov. 1964	1964
19790076985	Control weights requirements	1964
19790076987	Monthly weight and balance report for the Apollo spacecraft	1964
19790076990	Average power profiles for Apollo guidance and navigation in the command module and lunar excursion module	1964
19790076991	Vibration effects on Apollo guidance	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790077004	Apollo spacecraft program Quarterly status report, period ending 31 Dec. 1964	1964
19790077008	Classified Apollo guidance and navigation notes	1964
19790077011	Apollo heat shield	1964
19790077020	Mission-related design requirements for the LEM propulsion subsystem /U/	1964
19790077021	Mission-related design requirements for the LEM reaction control subsystem	1964
19790077027	Propulsion subsystem. engineering analysis report, Gemini-Agena target vehicle	1964
19790077039	High performance Apollo propulsion system study. Volume 2 - Propellant survey Final report	1964
19790077040	LEM requirements for the static test site at AMR qk	1964
19790077043	Specification for Tank Assemblies, Positive Expulsion, Propellant Reaction Control Subsystem Design Control	1964
19790077047	Apollo service module rocket engine Monthly progress report	1964
19790077049	Study of the Application of the Model 8133 Agena Engine to the Apollo Service Module	1964
19790077060	Apollo engineering analysis plots, Boilplate no. 13	1964
19790077070	Plotted Data Report for Experimental Heat Transfer Distributions Over Launch and Entry Configurations on the 0.045-Scale Apollo Model (H-2) with the Addition of Strakes at a Mach Number of 10	1964
19790077071	Experimental heat transfer distributions over launch and entry configurations on the 0.045scale Apollo model /H-2/ with the addition of strakes at a Mach number of 10, volume 6	1964
19790077072	Data report for experimental heat transfer distributions over launch and entry configurations on the 0.045-scale Apollo model /H-2/ with the addition of strakes at a Mach number of 10, volume 4	1964
19790077073	Experimental heat transfer distributions over launch and entry configurations on the 0.045-scale Apollo model /H-2/ with the addition of strakes at a Mach number of 10, volume 2	1964
19790077074	Data report for experimental heat transfer distributions over launch and entry configurations on the 0.045-scale Apollo model /H-2/ with the addition of strakes at a Mach number of 10	1964
19790077075	Experimental heat transfer distributions over the 0.090 scale Apollo command module /H-11/ with protuberances at Mach number 10	1964
19790077083	Apollo heat shield	1964
19790077091	Apollo heat shield	1964
19790077092	Apollo heat shield	1964
19790077115	Surveyor spacecraft system Bimonthly progress summary, Apr. - Jun. 1964	1964
19790077117	Extended-mission Apollo study, condensed summary. Addendum number 2	1964
19790077120	Quarterly reliability status report	1964
19790077121	Quarterly reliability status report	1964
19790077122	Apollo command and service module system specification /Block 1/	1964
19790077128	Quarterly reliability status report	1964
19790077132	Quarterly reliability status report, 15 December 1963 - 15 March 1964	1964
19790077136	Quarterly reliability status report, 1 August 1964	1964
19790077137	Quarterly reliability status report, 1 November 1964	1964
19790077141	Apollo reliability program plan	1964
19790077146	LEM and space suit assembly contingency analysis	1964
19790077148	Apollo training plan	1964
19790077155	Design criteria and environments, 15 March 1964	1964
19790077156	Apollo system engineering manual. Environmental control system	1964
19790077159	Review of environmental control systems for Apollo	1964
19790077162	Space suit assembly performance and interface specification	1964
19790077169	Quarterly summary report no. 38-14 for the period October 1, 1963 to December 31, 1963	1964
19790077173	Project gemini program progress report	1964
19790077174	Project gemini Program progress report	1964
19790077175	Project gemini Program progress report	1964
19790077180	Apollo monthly progress report, 16 January 15 February 1964	1964
19790077183	Project Apollo Quarterly status report, period ending 30 Sep. 1964	1964
19790077191	Quarterly reliability status report, 16 September - 10 December 1963 /U/	1964
19790077192	Apollo Monthly progress report, 16 May - 15 Jun. 1964	1964
19790077193	Apollo Monthly progress report, 16 Jul. - 15 Aug. 1964	1964
19790077194	Apollo Monthly progress report, 16 Sep. - 15 Oct. 1964	1964
19790077197	Quarterly reliability status report, February 1964	1964
19790077198	Project Apollo guidance and navigation program /U/ Quarterly technical progress report, period ending Mar. 1964	1964
19790077201	Project Apollo Quarterly status report, period ending 31 Mar. 1964	1964
19790077202	Project Apollo Quarterly status report, period ending 30 Jun. 1964	1964
19790077210	Postlaunch Report for Apollo Mission A-101	1964
19790077231	Apollo monthly progress report, 16 August 15 September 1964	1964
19790077234	Apollo monthly progress report, 16 March 15 April 1964	1964
19790077235	Apollo monthly progress report, 16 April 15 May 1964	1964
19790077243	Apollo monthly progress report, 16 November - 15 December 1963	1964
19790077244	Apollo monthly progress report, 16 December 1963 - 15 January 1964	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790078714	Preflight training plan for first manned gemini flight crew	1964
19790080554	Implementation, test and evaluation of a selective dissemination system for NASA Scientific and Technical Information, volume 2	1964
19790085460	Apollo/Saturn C-1 launch vehicle air loads and pressures over the payload and S-4 stage from evaluation of wind tunnel static pressure test data, Mach 0.7 to 3.5	1964
19790085542	Project Apollo flight mission directive for mission A-002	1964
19790085551	Apollo launch heating	1964
19790085553	Angle-of-attack response and launch probabilities of the Apollo/Saturn 5 vehicle due to winds aloft	1964
19790087131	Orbital Space Station Study Data Book /U/	1964
19790087159	Investigation of parameters for re-encapsulation of high energy oxidizer /u/ quarterly report, 9 sep. - 9 dec. 1964	1964
19790087551	High altitude turbulence and supersonic aircraft	1964
19790087870	Proceedings of the space vehicle shielding conference /u/	1964
19800071713	The Alouette satellite and the study of the upper ionosphere during the IQSY	1964
19800073437	Topside sounder satellite observations which indicate possible interactions between energetic particles and the earth's atmosphere	1964
19800073451	Theory of collective spikes observed by the Alouette top-side sounder	1964
19800073454	Influence of particles on certain ionospheric irregularities. Part 1: Concerning guided ionospheric sounding from a satellite	1964
19800073457	Positive ion sheaths due to $V \times B$	1964
19800073458	Observation of traveling disturbances in the lower and topside ionosphere	1964
19800077652	Slender reentry vehicle boundary layer study	1964
19810068116	Germanium bolometer detector of millimeter wavelength thermal energy	1964
19810068288	Solar radiation at 3.2 mm during the 20 July 1963, eclipse	1964
19810068535	Proceedings of Meeting on Charged Particle Radiation Effects	1964
19810068564	The 35-gc/s, 70-Gc/s and 94-gc/s Cytherean radiation	1964
19810068590	Prediction of aerodynamic penalties caused by ice formations on various airfoils	1964
19810069924	Project development plan, Scout program	1964
19810071192	Reliability estimate and analysis for NASA vehicles (vehicles 6201 and 6501)	1964
19810072979	Mars Landing and Reconnaissance Mission Environmental Control and Life Support System Study. Volume 3: System studies	1964
19820066937	Nitrogen tetroxide propellant for space engine applications	1964
19820067074	LSS test bed pressurization description and method of operation: Life support system for space flights of extended time periods	1964
19820067078	Cleaning requirements and cleanliness controls to be employed during preparation for system checkout in the LSS test area. Life support system for space flights of extended time periods	1964
19820067079	Thermal control subsystem specification for space flights of one year duration. Life support system for space flights of extended time periods	1964
19820067085	Evaluation of vendors proposals in response to procurement specification 64-02009 Filtration Water Recovery System: Life support system for space flights of extended time periods	1964
19820067086	Evaluation of vendors proposals in response to procurement specification 64-02014, food management system: Life support system for space flights of extended time periods	1964
19820067088	Evaluation of vendors proposals in response to procurement specification 64-02023, high temperature catalytic burner: Life support system for space flights of extended time periods	1964
19820067089	Evaluation of vendors proposals for the fluid cooling and pumping unit, specification no. 64-02013: Life support system for space flights of extended time periods	1964
19820067092	Weekly informal technical letter	1964
19820067093	Life support system for space flights of extended time periods	1964
19820067094	Weekly informal technical letter	1964
19820067095	Life support system for space flights of extended time periods	1964
19820067096	Life support system for space flights of extended time periods	1964
19820067097	Life support system for space flights of extended time periods	1964
19820067098	Life support system for space flights of extended time periods	1964
19820067099	Life support system for space flights of extended time periods	1964
19820067100	Life support system for space flights of extended time periods: Water management subsystem, operational description for space flights of extended time periods	1964
19820067101	Minutes of MED, NASA and GD/Astronautics Meeting held Thursday, 23 Apr. 1964	1964
19820067103	Integration of pressure suits with the life support system for space flights of one year duration	1964
19820067104	Life support system for space flights of flights of extended time periods	1964
19820067105	Life support system for space flights of extended time periods	1964
19820067106	Trip Report on Visit to Chicago Bridge and Iron Company	1964
19820067107	Evaluation of vendors proposals in response to procurement specification 64-02024, cabin air water separator: Life support system for space flights of extended time periods	1964
19820067188	Apollo lunar science program report of planning teams. Part 1: Summary	1964
19820077649	Radioisotope propulsion technology	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830076987	Surveyor spacecraft system	1964
19830077202	Program review: Research	1964
19830077244	Project FIRE measuring program flight 1	1964
19830083243	Laser beam propagation in the atmosphere (U)	1964
19830083244	Laser propagation in the terrestrial atmosphere (U)	1964
19830083246	Topics in the propagation of laser radiation in the atmosphere (U)	1964
19830083247	Meteorological observations with pulsed laser radar (U)	1964
19830083248	The effect of atmospheric turbulence on laser beam distribution (U)	1964
19830083249	Some effects of atmospheric turbulence on optical heterodyne communications (U)	1964
19830083250	A technique for improved signal-to-noise performance of laser systems (U)	1964
19830083252	Range Finder XM23 (LASER) (U)	1964
19830083253	Experimental demonstration of coherent optical radar (U)	1964
19830083254	Gas lasers for optical receivers and transmitters (U)	1964
19830083256	Digitally-coded laser command link system (U)	1964
19830083257	Portable high pulse rate laser development (U)	1964
19830083258	Integrated components for 1.06 micron laser system (U)	1964
19830083260	Further investigations of the spinning reflector Q-switch for laser rangefinder applications (U)	1964
19830083261	A target illumination system using a high rep-rate neodymium-calcium tungstate laser (U)	1964
19830083262	Observation of ultra-violet band spectra laser action in nitrogen (U)	1964
19830083263	Laser radiation effects on the GAR-8 heat seeking missile (U)	1964
19830083266	Laser operation in a neutron and gamma-ray field (U)	1964
19830083267	Protection of the human eye from laser radiation (U)	1964
19830085255	Minimum Variance Orbit Determination Program	1964
19830085258	System Design Analysis of S-IU-6	1964
19830085497	Fuel consumption tests of the A4E airplane	1964
19830085560	Development of Malfunction Detection System Sensors for Large Solid Propellant Rocket Motors	1964
19830085690	Quality Engineering and Reliability Survey of Canoga Electronics Corporation, 8966 Comanche Avenue, Chatsworth (Los Angeles), California	1964
19840071016	Substitution of public for private research and development expenditures	1964
19840074434	Program review: Electronics and control	1964
19840075393	Quantitative X-ray diffraction analysis of titanium, zirconium, and hafnium carbonitrides	1964
19850070923	GOSS telemetry network data book, volume 1, revision 1	1964
19850070924	GOSS telemetry network data book. Volume 2: Appendix	1964
19850070925	GOSS data book, volume 2, revision 1	1964
19850071015	MSCC configuration and initialization for acceptance tests, volume 5	1964
19850071016	MSCC configuration and initialization for acceptance tests, volume 5A	1964
19850074316	Structural weights estimation, volume 1	1964
19850077533	Resistance-heated thruster research	1964
19850077682	X-band high power CW amplifier and amplifier console	1964
19860067739	History: Project First, F-1 combustion stability program, Volume 1, book 1	1964
19860075241	Ratio communication satellite antenna	1964
19880069009	Nimbus and riederer make contact	1964
19880071444	Advanced air-breathing engines. Volume 2: Experimental investigation	1964
19880071899	Thermal feasibility study of large optics for aerospace reconnaissance	1964
19880073728	Summary of aerodynamic studies for the McDonnell Model 176	1964
19880073985	Coatings for refractory metals in aerospace environments	1964
19890068643	Development of a technique for determination of component shock specifications. Volume 2: Compilation of four coordinate shock and Fourier spectra for simple and complex shock motions	1964
19890068644	Development of a technique for determination of component shock specifications. Volume 3: Digital computer program for shock and Fourier spectra	1964
19890068645	Development of a technique for determination of component shock specifications. Volume 1: Methods for specifying and extrapolating shock conditions	1964
19900066959	Third Annual Meeting of the Working Group on Extraterrestrial Resources	1964
19900068793	Shape effects in hypervelocity impact	1964
19900069734	Analysis of two-dimensional base drag tests	1964
19910072580	Physics of massive bodies	1964
19920075299	Saturn SA-7/BP-15 postflight trajectory	1964
19920075454	Saturn SA-6 Postflight Trajectory	1964
19930074134	Dynamic monitor of the cardiovascular system in weightlessness. Biosatellite experiment P-1059	1964
19930074178	Development of improved method for measurement of spectral irradiance from solar simulators	1964
19930078790	Aircraft structural weight-estimating methods	1964
19930078799	Optimal trajectory design by the method of steepest ascent	1964
19950002186	Primary G and N system lunar orbit operations, volume 1	1964
19960021085	Propulsion Development Department Review. Chapter 6: Propulsion Testing, Evaluation, and Facilities	1964
19960021087	Presentation on Radioisotope Power System for MOL	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19960021093	Commercial Supersonic Transport Propulsion Component Program. Part 2	1964
19960021169	Titan 3-C Launch Vehicle Capabilities for Unmanned Interplanetary Missions	1964
19960021170	Development of High Energy Solid Propellants	1964
19960021172	Isotopes Development Center: Curium Program	1964
19960021173	Reference trajectory no. 3 listing continued (LEM final descent to earth re-entry), issue 4, volume 3C	1964
19960021647	F-1 Engine Uprating Study	1964
19960021648	Study of the Lunar Excursion Module-Ascent Stage Engine	1964
19960021649	Beryllium Hazards Control	1964
19960021651	Propulsion Development Department Review. Chapter 1: Propulsion Techniques, Systems, and Analysis	1964
19960021652	Delta Range Safety Trajectory and Aerodynamic Data for the OSO-B2 Spacecraft Mission Model No. DSV-3C	1964
19960021653	Applied Research Program to Evaluate the Feasibility of the Compound A/Hydrazine Propellant System, Part 3	1964
19960021654	Research and Development of High Energy Oxidizers	1964
19960021656	Research in High-Energy Oxidizers	1964
19960022255	TRADEX Time-Sidelobe Study	1964
19960023200	Development of High Energy Solid Propellants	1964
19960023201	Microwave Attenuation Studies	1964
19960023202	Atlas/centaur Guidance and Control Study Area	1964
19960023203	Studies of the Sidewinder 1C Aeromechanics	1964
19960023204	Detailed Test Objectives for Delta Launch Vehicle Spacecraft: IMP B	1964
19960023674	Theoretical Liquid Propellant Performance Calculation	1964
19960025494	Proceedings of Glass Fiber Reinforced Plastics Conference	1964
19960025499	Regional Technical Conference on Plastics Sandwich Laminates	1964
19960025677	Plastics in the Electrical Industry	1964
19960025679	Regional Technical Conference on Extrusion: Materials, Theory and Applications	1964
19960026542	Note on Earth Parking Orbit Altitude for LOR Missions: Case 214	1964
19960026549	Quality Surveillance of the TARTAR 13.5 inch Rocket Motor Mk 1 Mod O	1964
19960026550	Detailed Test Objectives for Delta Launch Vehicle Spacecraft: Tiros 1	1964
19960026551	Radar Detection of Artillery Shell Bursts	1964
19960026552	Delta Range Safety Trajectory and Aerodynamic Data for the S-3C Spacecraft Mission	1964
19960026556	Delta Range Safety Land Impact Probability Study for the Tiros 1 Spacecraft Mission	1964
19960026557	Research on Advanced Solid Propellants	1964
19960026558	[Chemistry Research]	1964
19960026559	Physico-Chemical Characterization of High-Energy Storable Propellants	1964
19960026561	Desensitization of Available High Energy NF Compounds	1964
19960027484	Crack Propagation Testing of Several Reinforced Plastic Laminates	1964
19960028671	Minutes of 31st Meeting: Bumblebee Propulsion Panel	1964
19960039822	Detailed Test Objectives for Delta Launch Vehicle Spacecraft: OSO-B2	1964
19960039825	Delta Re-Entry Velocity Study	1964
19960039826	Commercial Supersonic Transport Flutter Studies	1964
19960039836	Detailed Test Objectives for Delta Launch Vehicle Spacecraft: S-3C	1964
19960039862	Supersonic Transport Propulsion System Continued Research and Study of High Temperature Turbine and Exhaust Nozzle Noise	1964
19960039945	Walleye Gas Generator (NOTS MOD 18B) Prequalification Test Program	1964
19960039947	Operational Saturn IB Vehicle Performance Case 130	1964
19960039948	Spacecraft Weight Performance Calculations: Case 217	1964
19960039949	Apollo Mission 201 Case 217	1964
19960039951	Flight Compatibility of the Model A-3 Airplane with 15 deg Canted Nozzle JATO Units Installed	1964
19960039958	HITAB Rocket Probe Program	1964
19960039965	Physico-Chemical Characterization of High-Energy Storable Propellants	1964
19960052781	Delta Range Safety Land Impact Probability Study for the IMP B Spacecraft Mission, Model No. DSV-3C	1964
19960052785	Commercial Supersonic Transport Propulsion Component Program	1964
19960052786	Delta Range Safety Trajectory and Aerodynamic Data for the IMP B Spacecraft Mission	1964
19960052789	Commercial Supersonic Transport Propulsion Component Program	1964
20010108939	Recovery and Reuse of a Two Stage Launch Vehicle. National Aeronautic and Space Engineering and Manufacturing Meeting Held in Los Angeles, CA on Oct. 5-9, 1964	1964
20010120457	Potassium Corrosion Test Loop Development	1964
20010120458	Development of Welding Techniques and Filler Metals for High Strength Aluminum Alloys	1964
20010120460	High Temperature Fasteners	1964
20010121904	An Experimental Investigation of Uncooled Thrust Chamber Materials for Use in Storable Liquid Propellant Rocket Engines	1964
20010121910	Ion Rocket System Research and Development	1964
20010123310	Investigation of Mechanisms for Oxidation Protection and Failure of Intermetallic Coatings for Refractory Metals	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20010123321	A Study of the Influence of Heat Treatment on Microstructure and Properties of Refractory Alloys	1964
20010124938	Potassium Corrosion Test Loop Development	1964
20010124951	Electroforming Aluminum for Solar Energy Concentrators	1964
20010125349	Creep-Rupture Properties of Stress-Relieved TZM Alloy	1964
20010125350	Adhesion of Electro-Deposited Coatings Using High Speed Rotational Techniques	1964
20010125351	Effects of Hydrostatic Pressure Cycling on the Mechanical Behavior of Body Centered Cubic Refractory Metals and Alloys	1964
20020008502	Research on Electrical Conductors for High-Temperature Applications	1964
20020008540	Influence of Injectant Properties for Fluid Injection Thrust Vector Control	1964
20020009274	Determination of Mechanical Property Design Values for 18 NiCoMo 250 and 300 Grade Maraging Steels	1964
20020009297	Fracture Micromechanics of Fe-Ni-Co and Other Alloys	1964
20020009298	High-Temperature Properties and Alloying Behavior of the Refractory Platinum-Group Metals	1964
20020012595	Strengthening Mechanisms in Wire Products	1964
20020012596	Development of Composite Structures for High-Temperature Operation	1964
20020012599	Ultrasonic Techniques and Standards for Testing Filament Wound Structures	1964
20020012629	Annual Meeting of the Castings Section, Product Equipment and Techniques Division, American Ordnance Association	1964
20020013012	Materials Performance for Defense and Space Programs	1964
20020013043	Evaluation of Electron Beam Welds in Thick Materials	1964
20020013044	Fracture in Alpha Titanium	1964
20020016532	High-Temperature Properties and Alloying Behavior of the Refractory Platinum-Group Metals	1964
20020016843	Investigation of Whisker-Reinforced Metallic Composites	1964
20020016845	Evaluation of Aircraft Experimental Fasteners	1964
20020016857	The Mechanism of Stress Corrosion of Titanium Alloys Exposed to Sodium Chloride at Elevated Temperatures	1964
20020017601	Research Study for Development of Techniques for Joining of Dissimilar Metals	1964
20020018538	Ductile Coatings for Columbium Alloys	1964
20020018552	Investigation of the Mechanical Characteristics of Zone-Leveled Beryllium	1964
20020018553	A System for Electron-Beam Melting	1964
20020018558	Distillation of Beryllium by Sublimation and Evaporation	1964
20020018938	Research on Tantalum and Molybdenum Brazing Techniques	1964
20020020814	Protective Coatings for Tungsten at High Temperatures	1964
20020022045	Fracture in Alpha Titanium	1964
20020022049	Weldability of Tantalum Alloys	1964
20020022050	Research Directed Toward the Development of a Wrought Superalloy	1964
20020022053	Medical Aspects of Beryllium Propellants	1964
20020022056	Investigation of Mechanisms for Oxidation Protection and Failure of Intermetallic Coatings for Refractory Metals	1964
20020022241	Evaluation of Aircraft Experimental Fasteners	1964
20020022244	Investigation of Octane Limit for the Code E-209 Engine	1964
20020022247	Investigation of Bonding in Oxide-Fiber (Whisker) Reinforced Metals	1964
20020022249	Ultrasonic Wave Propagation and Interaction in Solid Materials	1964
20020022252	High-Temperature Properties and Alloying Behavior of the Refractory Platinum-Group Metals	1964
20020022255	Weldability and Stability Studies of Some Stainless Steel Casting Alloys for Cryogenic Service in the 80-inch Liquid Hydrogen Bubble Chamber	1964
20020022258	Rolled Molybdenum Single Crystals. Deformation Textures, Recrystallization, and Transition Temperature	1964
20020022262	Effects of Second Phase Particles on Ductility	1964
20020022269	Development of Optimum Processing Parameters for Refractory Metal Foil	1964
20020022277	Comparative Creep-Rupture Properties of D43 and B-66 Alloys	1964
20020022279	Evaporation of Iron-, Nickel-, and Cobalt-Base Alloys at 760 to 980 degrees C in High Vacuums	1964
20020022402	Deformation Processing of Anisotropic Metals	1964
20020022404	Effects of Processing Variables on the Structure and Properties of Refractory Metals	1964
20020022407	Fracture Toughness, Fatigue-Crack Propagation and Corrosion Characteristics of Aluminum Alloy Plates for Wing Skins	1964
20020022408	Tantalum Extrusion Development Program	1964
20020022417	Mechanical and Physical Properties of Super Alloy and Coated Refractory Alloy Foils	1964
20020022436	Investigation of Mechanisms for Oxidation Protection and Failure of Intermetallic Coatings for Refractory Metals	1964
20020022438	Mechanical and Physical Properties of Super Alloy and Coated Refractory Alloy Foils	1964
20020022459	Protective Coatings for Tantalum-Base Alloys	1964
20020022462	Influence of Grain Morphology on the Ductile-to-Brittle Transition in Tungsten	1964
20020022469	Tantalum and Molybdenum Brazing Techniques	1964
20020022618	Tri-Service Coordinated Metal Working and Processing Program	1964
20020022619	Expendable Casting Molds for Reactive Metals	1964
20020022621	Beryllium-Rich End of Five Binary Systems	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20020022624	Observations in the Development of Titanium-Refining Cells	1964
20020022629	Determination of Mechanical Property Design Values for 18 NiCoMo 250 and 300 Grade Maraging Steels	1964
20020022775	Preparation of Standard Samples and Development of Analytical Techniques for Carbon and Nitrogen in High-Purity Beryllium	1964
20020023104	Investigation of Modified Silicide Coatings for Refractory Metal Alloys with Improved Low-Pressure Oxidation Behavior	1964
20020023224	Structural Design Concepts for Future Space Missions	1964
20020024941	Investigate Methods of Fabricating and Joining Large Sandwich Segments for Forming Common Domes	1964
20020025677	Investigate Methods of Fabricating and Joining Large Sandwich Segments for Forming Common Domes	1964
20020025678	Investigate Methods of Fabricating and Joining Large Sandwich Segment for Forming Common Domes	1964
20020025680	Materials Research Advisory Committee Member's Report	1964
20020026437	Investigate Methods of Fabricating and Joining Large Sandwich Segments for Forming Common Domes	1964
20020026440	Investigate Methods of Fabricating and Joining Large Sandwich Segments for Forming Common Domes	1964
20020027218	Mechanical and Physical Properties of Super Alloy and Coated Refractory Alloy Foils	1964
20020028246	Uranium Alloyed Steels: Their Fabrication and Mechanical Properties	1964
20020028850	Dispersion-Strengthened Nickel- and Cobalt-Base Alloys	1964
20020028852	Development of Columbium Base Alloys	1964
20020028859	A Study of the Influence of Heat Treatment on Microstructure and Properties of Refractory Alloys	1964
20020028860	Low Pressure Oxidation of Columbium-1 Zirconium	1964
20020028879	Research on Tantalum and Molybdenum Brazing Techniques	1964
20020029474	Some Corrosion Considerations of Nozzle Structural Materials for High Energy Solid Rocket Propellants	1964
20020030445	Research on Electrical Conductors for High-Temperature Applications	1964
20020031961	Weldability of Tantalum Alloys	1964
20020031965	High-Temperature Corrosion Studie: A Sensitive Volumetric Apparatus for Determining Gas-Solid Reaction Kinetics	1964
20020032600	Columbium and Tantalum Alloys Suitable for Use at High Temperatures	1964
20020033780	Investigation of the Relationship of Microstructure to Strength and Toughness in High Strength Steels	1964
20020039876	Improvement of Creep Strength and Low-Temperature Ductility of Refractory Metals by Means of Mechanical Twinning	1964
20020061829	Evaluation of the Impact Performance of Realistic Space Structures	1964
20030105515	Project Bullseye Report No. 7. Preliminary Evaluation of the Suitability of the AN/GYK-3(V) Teletype Buffer Computer for Incorporation into the AN/FSQ-59(V)	1964
20040053292	Apollo Configuration Management Manual	1964
20050010130	Wind-Tunnel Test of a General Dynamics (Pomona Division) Mauler Missile	1964
20050159698	HG3 Liquid Rocket Engine Design Study Data Summary	1964
20050165727	Results of the Fifth Saturn I Launch Vehicle Test Flight	1964
20050165728	Results of the Sixth Saturn I Launch Vehicle Test Flight SA-6	1964
20050166921	Results of the Sixth Saturn I Launch Vehicle Test Flight	1964
20050186760	Advanced Combustion Chamber (Toroid)	1964
20050201545	The Annual Joint ECM Planning Conference (10th) Held in Dayton, Ohio on December 1-2, 1964	1964
20050201552	Dispersion and Performance Study for the RCU-2/B Chaff Rocket	1964
20050201650	Antipersonnel Mechanisms. Volume 2 - Appendixes	1964
20050216574	Tactical Fighter Dispenser Munitions	1964
20050228912	Launch of R-4 Experiment in Scout Reentry Heating Project	1964
20050228916	Scout Reentry Heating Project R-4 Experiment	1964
20050228939	First Launch of Project SERT 1 Flight Experiment (Space Electric Rocket Test)	1964
20050228943	Project SERT (Space Electric Rocket Test) Post Launch Report No. 1	1964
20050229161	Launch of the S-55C Meteoroid Satellite	1964
20050229162	Explorer XXIII (S-55c Meteoroid Satellite) Post Launch Report	1964
20050229326	SYNCOM III Post Launch Report No. 2	1964
20050229327	Communication Satellite Project; SYNCOM C	1964
20050229848	Launch of First Experiment in Project FIRE	1964
20050229853	RELAY II Post-Launch Report No. 2	1964
20050229961	Echo C Project Pre-Launch Report, Addendum No. 1	1964
20050229981	Project FIRE, Post-Launch Report No. 2	1964
20050230144	Mariner Mars '64 Flight Project	1964
20050230174	Gemini Flight Number One (GT-1)	1964
20050232753	Ranger VI - Post-Launch Report No. 1	1964
20050232756	Ranger B Lunar Flight Project	1964
20050232768	Fourth Atlas/Centaur Development Flight	1964
20050232882	Interplanetary Explorer Project; IMP-B	1964
20050234531	Orbiting Geophysical Observatory (OGO) Project	1964
20050234582	Apollo Spacecraft Flight Abort Test, Mission A-002	1964
20050236225	Energetic Particles Explorer Project; EPE-D	1964
20050236231	Ionosphere Explorer Project	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20050236254	Saturn I Development Flight Test, SA-5	1964
20050236255	Saturn I Development Flight Test, SA-6	1964
20050236257	Saturn I Development Flight Test, SA-7	1964
20050236333	Air Density/Injun Explorer Project	1964
20050236390	International Satellite, UK-C	1964
20050236476	Beacon Explorer: A Project (S-66)	1964
20050236483	Nimbus A Meteorological Satellite Project	1964
20050236509	Beacon Explorer: B Project	1964
20060028457	Bioastronautics Data Book, first edition	1964
20060051324	Factors Affecting the Ductile-Brittle Transition in Beryllium	1964
20060052836	Electrorefining Beryllium Two-Cycle Electrolysis	1964
20080002335	NASA Apollo Progress Report. Bellcomm, Inc. Quarterly Progress Report: July, August, September 1964	1964
20080002337	NASA Apollo Progress Report. Bellcomm, Inc. Quarterly Progress Report: October, November, December 1963	1964
20080005287	Effects of Chlorpromazine and Potassium Cyanide on the Content of Soluble Sulphydryl Compounds and Gamma-Aminobutyric Acid in Rat Tissues	1964
20080031683	Simulated Altitude Testing of the Aerojet-General Corporation AJ10-137 Rocket Engine - Mixture Ratio Survey (Report III, Phase I Development Test)	1964
20080032531	Simulated Altitude Testing of the Aerojet-General Corporation AJ10-137 Engine. Report IV, Phase Development Test	1964
20080041565	Flight Test Data Supplement to NASA TN D-2231	1964
20090006825	Bellcomm, Inc. Quarterly Progress Report: January, February, March 1964	1964
20090007479	Explorer XIX: The Air Density Satellite	1964
20090007944	Bellcomm, Inc. Quarterly Progress Report: April, May, June 1964	1964
20090008492	Analytical Solution for Manned Lunar Landing Trajectories	1964
20090008523	NASA Facts: Explorer XVI: The Micrometeoroid Satellite	1964
20090008530	AIAA/NASA Third Manned Space Flight Meeting: A Volume of Technical Papers	1964
20090014079	Facilities Drafting Manual	1964
20090019568	NASA-PERT 'C' Computer Systems Manual	1964
20100014352	Titan II-Gemini and Atlas-Agena Launch Probability Study. The Probabilistic Model and Results	1964
20100014757	Theoretical and Laboratory Investigations in Radio Astronomy	1964
20100015510	Bi-Monthly Progress Report. Project Gemini Studies	1964
20100017046	Advanced Pressurization System for Cryogenic Propellant	1964
20100017408	Advanced Pressurization System for Cryogenic Propellants	1964
20100017506	[Compilation of Five Abstracts for NASA Research Grant NsG-50-60]	1964
20100039344	Notes on System Theory	1964
20100041308	Quality Assurance Provisions for Government Agencies	1964
20100042172	Model Specification: Rocket Motor, Solid Propellant. Model 100 Landing Rocket	1964
20110001429	Shell Stability and Linear Buckling of Plates and Panels	1964
20110008683	Space Technology. Volume III: Spacecraft Propulsion	1964
20110020403	Gemini Flight Number Two (GT-2)	1964
20110022536	Conceptual Design of a Radioisotope Power System for a Manned Orbiting Research Laboratory	1964
20110022628	Ballistic Logistics Spacecraft Study, Final Oral Presentation	1964
20110022644	M-1 Engine Secondary Injection Thrust Vector Control (TVC) Study	1964
20110023071	Thermal Design Studies	1964
20110024247	Design Analysis and Development Program Report, Soft Landing Rocket Motor	1964
20120002942	Delta Range Safety Trajectory and Aerodynamic Data for the Tiros 1 Spacecraft Mission Model No. DSV-3C	1964
20120016315	The International System of Units: Physical Constants and Conversion Factors	1964
20130013096	Little Joe 2 Measurement System Maintenance and Repair Manual Launch Vehicle 12-51-1	1964
20130013097	Little Joe 2 Attitude Control System Maintenance and Repair Manual Launch Vehicle 12-51-1	1964
20130013098	Little Joe 2 Launch Vehicle Wire Data Manual Launch Vehicle 12-51-1	1964
20130013099	Little Joe 2 Airframe Maintenance and Repair Manual Launch Vehicle 12-51-1	1964
20130013100	Little Joe 2 RF Command System Maintenance and Repair Manual Launch Vehicle 12-51-1	1964
20130013101	Little Joe 2 Propulsion System Maintenance and Repair Manual Launch Vehicle 12-51-1	1964
20130013888	Reflection Laws of High Order Elliptic Differential Equations in Two Independent Variables with Constant Coefficients and Unequal Characteristics Across Analytic Boundary Conditions	1964
20130013894	NASA Support Manual. Apollo Ground Support Equipment Operation and Service Instructions: Pyrotechnics Bench Maintenance Equipment Model C14-051	1964
20130013944	NASA Support Manual. Apollo Support Equipment Maintenance: Signal Conditioner Console Model C14-135	1964
20130014020	Apollo Flight Crew Performance Specification	1964
20130014022	Apollo Flight Crew Performance Specification. Volume 2-B	1964
20130014025	The Development of Structural Adhesive Systems Suitable for Use with Liquid Oxygen	1964
20130014049	Apollo Flight Crew Performance Specification	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20130014093	NASA Support Manual. Apollo Description Manual for Service Propulsion System: Test Fixture No. 2 Model V25-300	1964
20130014100	NASA Support Manual. Apollo Ground Support Equipment Operation and Service Instructions: Temperature Calibration Unit Model C14-428 (Part No. G16-854300)	1964
20130014183	NASA Support Manual. Apollo Ground Support Equipment Operation and Service Instructions Propulsion System Checkout Unit: Model C14-075 (Part No. G17-854300-101, Serial No. 004)	1964
20130014185	Standard Marking of Electrical Ground Support Equipment, Front Panels, and Rack Title Plates	1964
20130014187	NASA Support Manual. Apollo Ground Support Equipment Operation and Service Instructions: Index of Apollo Support Manuals and Procedures Applicable to the Following Boilerplates No. 6 12, 13, 14, 15, 16, 23, 26 Test Fixture F-2 Airframe 001	1964
20130014359	Lunar Orbiter Spacecraft Countdown	1964
20130014402	NASA Support Manual. Apollo Transportation and Handling Equipment. Data Sheets: Boilerplates and Test Fixture	1964
20130014561	SS-01B Spaceframe Subsystem Engineering Analysis Report	1964
20130014586	Concept Definition Stay Time Extension Module (STEM)	1964
20130014588	Design Analysis and Development Program Report. Soft Landing Rocket Motor. Volume 1	1964
20130014634	NASA Support Manual. Apollo Spacecraft Description. Boilerplate 12	1964
20130014643	J-2 Program	1964
20130014653	NASA Support Manual. Apollo Ground Support Equipment Operation and Service Instructions Data Recording Group: Model C14-020 (Part No. G16-850150 and G16-850150-101) and Signal Conditioner Model C14-135 (Part No. G16-852500 and G16-852500-301)	1964
20130014677	NASA Support Manual. Apollo Support Equipment Maintenance Data Distribution and Recording Console Model C14-420 (Part No. G16-850500 and G16850500-101)	1964
20130014681	Maintenance Manual	1964
20130014707	NASA Support Manual. Apollo Maintenance Procedures for Boilerplate 12	1964
20130014713	NASA Support Manual Apollo. Ground Support Equipment Operation and Service Instructions: Pyrotechnics Initiators Substitute Set - Model A14-003 (Part No. G16-820500-101 Modified By G16-890020)	1964
20130014715	NASA Support Manual. Apollo Support Equipment Maintenance: Pressure Calibration Unit - Model C14-426 (Part No. 616-854100)	1964
20130014717	NASA Support Manual. Apollo Support Equipment Maintenance: Earth Landing System Baroswitch Tester Bench - Maintenance Equipment Model C14 002 (Part No. R 6370)	1964
20140000032	Bulletin of the 6th Liquid Propulsion Symposium	1964
20140000139	High Temperature Thermocouple Research and Development Program	1964
20140000327	How to Construct and Operate a Satellite APT Composite Tracking Station	1964
20140000328	Nimbus Shroud Pivot Bracket Test Evaluation	1964
20140000365	Concentrated Storable Hydrogen Peroxide	1964
20140000399	This Is Your Chrysler Saturn Story	1964
20140003073	Anti-Gall and Anti-Corrosion Coating	1964
20140003076	Apparatus for Obtaining Nitrogen Dioxide From Nitrous Oxide	1964
20140003078	Magnetic Base Saw Guide	1964
20140003308	Twin-Helix System for Linear Unidirectional Optical Field Displacement	1964
20140003397	Paper-Tape Punch and Reader Tester	1964
20140003422	Ellipsoidal Mirror Reflectometer	1964
20140003442	Production of Liquid-Solid Mixtures	1964
20140003457	Restoration and Preservation of Old Engineering Drawings	1964
20140003458	Valve Position Indicator	1964
20140003464	Ring Counter Using Modified Diode-Transistor Logic Nor Gate	1964
20140003474	High Temperature Flowmeter	1964
20140003665	Deposition of Thin Films by Ion Plating	1964
20140003677	Printed Circuit Cleaning Tools	1964
20140003697	Time Delay Switch	1964
20140003698	Apparatus for Determining Low Temperature Thermal Conductivity	1964
20140003706	Precision Measurement of Angles (Laser Beam Method)	1964
20140003819	Socket Adapter	1964
20140004122	Dynamics of Tumour Growth: Comparison of Growth Rates and Extrapolation of Growth Curve to One Cell	1964
20140004141	Development of a Fluoroscope for Studying Two-Phase Flow Patterns	1964
20140004174	Flexible Arm - Internal Pressure Control	1964
20140004187	Computer Evaluation of Self-Consistent Space Charge Flow Patterns	1964
20140004243	Thermal Etch Technique	1964
20140004245	Inexpensive Compensation Technique for Zener Diodes Restricting Drift to 1.0 mv	1964
20140004247	Welding Procedures for Bimetallic Pipe	1964
20140004253	Self-fabricating Altitude Compensating Rocket Nozzle	1964
20140004396	Pressure Distribution Test Apparatus	1964
20140004435	A Miniature Micropower Transmitter for Temperature Measurements	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004438	Fused Diode	1964
20140004452	Light Intensity Modulator for High Heating Rate Applications	1964
20140004462	Conductivity Measuring Instrument	1964
20140004593	Michelson Interferometer Modifications	1964
20140004609	Adhesive-Backed Templates Printed Drawings	1964
20140004610	Simple Cryostat for Standard Testing Machines	1964
20140004774	Transient Suppressed Coil	1964
20140004864	A Polarimeter for Transient Measurements	1964
20140004874	Transistor Parameter Conversion Slide Rule	1964
20140004945	Suitcase Telemetry Stations	1964
20140005067	Magnetic Modification of Compact Arc Plasma	1964
20140005120	Constant Power Converter	1964
20140005523	Rapid Antenna Sampling Technique for Multi-Antenna Arrays	1964
20140005736	D.C. Current Monitor	1964
20150009374	Laboratory for Monitoring Bacterial Contamination of Space Components (NASA)	1964
20150009735	Reduction of Bacterial Dissemination Germicidal Activity of Ethylene Oxide Reduction of Bacterial Contamination on Surfaces	1964
20150010014	Spacecraft Sterilization: A Summary of [N. H. Horowitz] Remarks at the Biosciences Subcommittee Meeting of March 12-14, 1964	1964
20150010025	Laboratory for Monitoring Bacterial Contamination of Space Components	1964
20150010045	The Relative Roles of Ionization and Excitation Processes in the Radiation Inactivation of Enzymes	1964
20150010274	Survival and Growth of Organisms in Simulated Planetary Environments - A Review of "Martian Biology"	1964
20150010289	Survival of Staphylococcus Aureus in the Environment II. Effect of Elevated Temperature on Surface-Exposed Staphylococci	1964
20150010290	Survival of Gram-Negative Bacteria in the Environment: I. Effect of Relative Humidity on Surface-Exposed Organisms	1964
20150010293	Studies for Sterilization of Space Probe Components	1964
20150010306	The National Aeronautics and Space Administration Position on COSPAR Resolution	1964
20150010447	The Bacterial Significance of Acoustical Surface Materials in Hospitals	1964
20150010469	Thermal Death Studies on Microbial Spores and Some Considerations for the Sterilization of Spacecraft Component	1964
20150010509	Martian Landing Sites for the Voyager Mission	1964
20150010510	Practical Results from the NASA Space Science and Applications Program	1964
20150010524	Criteria for Design of a Microbiological Research Laboratory	1964
20150010563	Report of the Ad Hoc Working Group on Mars Biological Orbiters	1964
20150010567	Early Evolution of Life	1964
20150010592	Study of Viability of Microorganisms in Simulated Space	1964
20150010595	Decontamination, Cleaning, Coating and Encapsulation of Electronic Circuit Boards	1964
20150010596	Biological and Chemical Surface Contamination - A Recurring Problem	1964
20150010605	Life: Origin and Evolution	1964
20150010609	Chapter 29: Thermal Death Studies on Microbial Spores and Some Considerations for the Sterilization of Spacecraft Components	1964
20150010610	[Study of Characteristic Properties of Bacterial Populations]	1964
20150010611	Progress and Summary Report No. 4	1964
20150010676	[Obtaining Information Pertinent to the Effects of Growth Media on the Electronic Counting Characteristics]	1964
20150011260	TIROS III Meteorological Satellite Radiation Observations of a Tropical Hurricane	1964
20150011263	Symmetric Euler-Angle Decomposition of the Two-Electron Fixed-Nucleus Problem	1964
20150011266	Error Estimates in the Variational Many-Boson Calculation	1964
20150011267	Electrical and Infrared Properties of Glasses in the System Bi2O3-TeO2	1964
20150011270	[Observatory Reports]	1964
20150011272	Ultraviolet Spectrophotometer for Satellite Astronomy	1964
20150011788	Observations on the Rhythmic Movements of Excised Phaseolus Leaf	1964
20150011789	Observation on the Physiology of Gametophytes Grown on the Clinostat and Under Varying Light Intensities	1964
20150011853	Cable Assemblies, Fabrication Of, for Electrical Ground Support Equipment	1964
20150012579	Apollo Spacecraft Maintenance Service Propulsion System Checkout and Firing Unit Model C14-602	1964
20150012581	Apollo Support Equipment Maintenance - Monitor and Control Console Model C14-019	1964
20150012584	NASA Support Manual. Apollo Ground Support Equipment Operation and Service Instructions: Launch Vehicle Substitute Unit (LJ-II) Model A13-018 (Part No. G16-821200)	1964
20150012585	Apollo Ground Support Equipment Operation and Service Instructions: Electrical Power System Special Test Unit Model C14-600	1964
20150012586	Abort Trajectory Performance Studies	1964
20150012624	NASA Support Manual. Apollo Support Equipment Maintenance - Propulsion System Checkout Unit Model C14-075	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150012717	Apollo Ground Support Equipment Operation and Service Instructions: Service Propulsion System Remote Control Unit Model C14-455 (part No. G17-850400)	1964
20150012842	Apollo Ground Support Equipment Operation and Service Instructions - Launch Vehicle Substitute Unit, C-1 Model A14-021	1964
20150012852	Apollo Support Equipment Maintenance - Launch Escape Tower Substitute Unit, Model A14-001 (Part No. G16-820301-201)	1964
20150012853	Apollo Spacecraft Transportation and Handling Boilerplate 12	1964
20150012953	Use of Lem Propulsion Systems as Backup to Service Module Propulsion System	1964
20150012969	Apollo Recovery System Dynamic Analysis	1964
20150013114	Apollo Ground Support Equipment Operation and Service Instructions: FDS Control Unit - SPS Oxidizer Model C14-444 (Part No. G17-852000)	1964
20150013115	Apollo Ground Support Equipment Operation and Service Instructions: Radar Transponder and Recovery Beacon Checkout Unit Model C14-112 (Part No. G16-852900)	1964
20150013134	Apollo Ground Support Equipment Operation and Service Instructions: Q-Ball Test Fixture Model C14-137 (Part No. G16-850176)	1964
20150013218	Trip Report on Visit to NAA, Downey, California, for the Block II, CSM Mock-Up Review: Cases 120, 201 and 217	1964
20150013332	Saturn S-IV-5 Preliminary Flight Report Model DSV-4	1964
20150013342	NASA Support Manual. Apollo Spacecraft Transportation and Handling Boilerplate 16	1964
20150013343	Apollo Spacecraft Transportation and Handling Boilerplate 13, NASA Support Manual	1964
20150013353	Interim S-II Flight Control System Requirements Report	1964
20150013355	Mid-Term Report of Lunar Landing Dynamics Systems Investigation	1964
20150013356	Landing Dynamics of the Lunar Excursion Module (Method of Analysis)	1964
20150013389	Project Apollo - Bias and Drag Effects on Orbit Determination - Case 20061-3	1964
20150013393	Container, Shipping, Metal, Reusable, General Specification	1964
20150013463	A Preliminary Budget of Error Allowances for LEM Navigational Landmarks - Cases 211, 218	1964
20150013475	Saturn V Launch Support Equipment General Criteria and Description	1964
20150013555	Apollo Mission Planning Task Force: Lunar Surface Stay Constraints and Mission Designs	1964
20150013564	Review of Human Standards for Project Apollo - Case 120	1964
20150013565	Separated Flows	1964
20150013566	Appendix 1: A Direct Method for Analysis of Nonequilibrium Flow Fields of Blunt Bodies at Arbitrary Angle of Attack	1964
20150013586	Apollo Mission Planning Task Force: LEM Hover-to-Touchdown Phase	1964
20150014044	Analysis of Axial Turbulent Flow and Heat Transfer Through Banks of Rods or Tubes	1964
20150014095	NASA Support Manual. Apollo Support Equipment Maintenance - Umbilical Junction Box Model C14-192	1964
20150014168	NASA Support Manual. Apollo Ground Support Equipment Operation and Service Instructions: Launch Escape System Sequencer Bench Maintenance Equipment Model C14-029	1964
20150014278	GSE End Item Specification for Fuel and Oxidizer Tank Sling Model H14-102	1964
20150014280	Pressure Indicator System Design Control Specification	1964
20150014447	SLV-3 AgenaD Performance Workbook	1964
20150014466	Little Joe II Mission "J" Response to Five Magnitudes of an Exponential Pitch Command (1.1 Second Time Constant) and Comparison with the Step Response	1964
20150015109	History of Gemini Launch Vehicle - 1 at AMR	1964
20150015163	Preliminary Design and Feasibility Investigation of Rocket Engine Analyzer and Decision Instrumentation (READI) for SATURN 5	1964
20150015164	Reliability Improvement and Weight Reduction of the SATURN S-IC Stage Retro Motor	1964
20150015165	Extended Apollo Systems Utilization Study - Final Report: Volume 3B Experimental Program	1964
20150015166	Ballistic Orbital Support Operations Study Midterm Review	1964
20150015519	An Investigation of the Liquid Injection Thrust Vector Control Performance of Two United Technology Center Subscale Titan IIIC Boosters	1964
20150015521	A Study of Manned Interplanetary Missions Condensed Summary Report	1964
20150015522	Cryogenic Insulation Research	1964
20150015529	Expanded Pioneer Study Final Report	1964
20150015530	Multifunctional, Auxiliary Propulsion Module Study Program Monthly Progress Report	1964
20150015531	Extended Apollo Systems Utilization Study - Apollo X	1964
20150015532	In-Flight LEM Checkout Prior to Lunar Operations	1964
20150015533	Mercury Booster Flight Test Summary Report	1964
20150015536	Final Report on Apollo High Gain Antenna Study	1964
20150015819	Cryogenic Research and Development	1964
20150016132	Manned Mars Landing and Return Mission Study. Volume 1- Condensed Study - Final Report	1964
20150016210	NASA Project Gemini Familiarization Manual - Long Range and Modified Configurations	1964
20150016619	The Backward-Wave Converter: An Electronically Swept Receiver	1964
20150017517	Space Programs Summary No. 37-25, Volume VI	1964
20150018196	Effects of Molecular Flow in Plasma Generation and Some Analyses of Space Charge Flow in Ion Acceleration	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150018995	Force Tests on Apollo Configurations at Mach 3 Through 10	1964
20150018996	Force Tests on Apollo Configurations at Mach Numbers 1.5 Through 6	1964
20150020397	Procedures for Slow Malfunction Detection for Gemini Launch Vehicles	1964
20150021358	Study of a Ten-Passenger Reusable Orbital Carrier	1964
20150021361	Conceptual Design Study of SNAPCRAFT	1964
20150021365	Arnold Engineering Development Center Monthly Project Progress Report	1964
20150021553	[Tissue Culture of Planaria and Some Aspects of their Nucleic Acid Metabolism]	1964
20150021554	The Effect of False-information Feedback Upon Psychophysical Judgments	1964
20150021556	Study of Effects of Carbohydrates on the Body Under Stress and Fatigue	1964
20150021557	Assay of Vasopressin in Blood	1964
20150021558	Properties of Pituitary Aminopeptidase	1964
20150021559	Simultaneous Measurements of Heart Rate and Deep Body Temperature for Prolonged Periods of Time in Gallus Domesticus	1964
20150021560	Lipid Synthesis in Liver of Rats Exposed to Acceleration	1964
20150021561	Exposure of Rats to Acute and Chronic Acceleration Stress	1964
20150021562	Activation of Latent Malaria in a Whole Body Irradiated Monkey	1964
20150021563	The Space Environment in Biological Perspective	1964
20150021564	Ultrastructural Changes in X-Irradiated Nervous Tissue	1964
20150021567	Evoked Myography as an Index for Different Stages of Consciousness	1964
20150021568	Decrease of the Sodium Pump Activity in the Frog Skin in a Steady Magnetic Field	1964
20150021569	The Origin of Life in the Universe	1964
20150021571	Formation of Adenine by the Action of an Electric Discharge on Methane, Ammonia and Water	1964
20150021572	Life: Origin and Evolution	1964
20150021575	Effects of Aspartate on Growth and on the Synthesis of Alpha-Amylase in Pseudomonas Saccharophila	1964
20150021937	Tenth Semiannual Report to Congress	1964
20160000191	The NASA "Weightlessness Simulator"	1964
20160000876	Multifunctional, Auxiliary Propulsion Module Study Program	1964
20160000885	Results of the Fifth Saturn I Launch Vehicle Test Flight	1964
20160000888	Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor	1964
20160000889	High Pressure Rocket Engine Technology	1964
20160000890	Delta Range Safety Land Impact Probability Study for the Syncom A-27 Spacecraft Mission Model No. DSV-3D	1964
20160000897	High-Performance Nozzles for Solid-Propellant Rocket Motors	1964
20160001003	Compatibility of Materials with Liquid Oxygen	1964
20160001937	Saturn S-2 Stage	1964
20160001946	[Man-Machine Performance Measurement]	1964
20160001947	[Experimental Investigation of Electronic Transport Properties in Semi-Metals]	1964
20160001948	[Human and Molecular Energetics]	1964
20160001950	[Research Work on Tektites]	1964
20160001951	Temperature Dependence of the Solar Absorptance and Thermal Emittance of Copper, Gold, Nickel, and Silver	1964
20160001953	The Porous Plate Sublimator for Cooling Applications in Space	1964
20160001954	A General Study of the Dynamics and Stability of Ablative Melt Layers	1964
20160001955	Highlights of Foreign Bioastronautics	1964
20160001956	The Mechanism of Stress Corrosion of Titanium Alloys Exposed to Sodium Chloride at Elevated Temperatures	1964
20160001957	Improvement of Propeller Static Thrust Estimation	1964
20160001958	[Establishing Methods of Structural Synthesis]	1964
20160001959	Theoretical Studies of Turbulence in Plasmas	1964
20160001960	Development of Electronically-Tunable Converters in the Millimeter-Wave Range	1964
20160001962	Hydrates at High Pressures	1964
20160001963	Development of an Orbital Receiver for Low-Frequency Radio Energy from the Planet Jupiter	1964
20160001964	Socio-Economic Analyses of the Effects of the Expansion of Space and Space-Related Technological Activities on Selected Communities	1964
20160001965	Theoretical and Experimental Investigations of Electron Emission, Conductivity and Luminescence of Selected Solids Under Vacuum UV Radiation	1964
20160001967	A Risk Theory Approach to Nonlinear Estimation Problems in Communication and Control	1964
20160001969	Theoretical and Experimental Investigations of Fatigue Crack Growth	1964
20160001970	Development of Improved Polymeric Materials for Cryogenic Propellant Tank Liners and Expulsion Bladders	1964
20160001972	The Effect of High Pressure on the Conductivity of Vapors	1964
20160001973	A Study of Electrode Effects in Crossed Field Accelerators	1964
20160001974	An Investigation of Gravity Level Preference and the Effects of Gravitational Forces on Small Animals and Primates, and of Techniques for Related Space Flight Experiments	1964
20160001975	A Study of Electrode Effects in Crossed Field Accelerators	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160001976	Progress at Jicamarca Radar Observatory	1964
20160001977	Design Improvements in Liners for Glass Fiber Filament-Wound Tanks to Contain Cryogenic Fluids	1964
20160001978	Development of Thermal Protection System for a Cryogenic Spacecraft Module	1964
20160001981	General Program on the Underlying Mechanisms of Behavior and Memory Storage in Planaria	1964
20160001983	The Problem of Man's Gravitoinertial Force Environment in Space Flight	1964
20160001984	Deposition of Thin Ceramic Films	1964
20160001985	Deposition of Thin Ceramic Films	1964
20160001986	High Resolution Nuclear Magnetic Resonance in Solids	1964
20160001988	Interim Annual Report to the Technology Utilization Division	1964
20160001989	Inlet-to-Inlet Shock Interference Tests	1964
20160001991	Semi-Annual Status Report for the Period June 1, 1964 - November 30, 1964 on An Investigation of Ceramics as Structural Materials	1964
20160001992	Measurement of High Energy Neutron Flux in Space	1964
20160001997	Ion Rocket Engine System Research and Development	1964
20160002003	Saturn S-II Stage	1964
20160002004	Saturn II Stage	1964
20160002005	S-2 Saturn Stage	1964
20160002006	Monthly Quality Status Report Saturn S-II Stage	1964
20160002007	S-2 Saturn Stage	1964
20160002008	An Investigation of Soil Modeling Problems Related to Impact Studies	1964
20160002009	Survey/Study of the Interconnection Problem In Microelectronics	1964
20160002013	Research on Heat Resistant Alloys	1964
20160002014	[Optical System Design for the Rocket Spectrograph]	1964
20160002015	Investigation of Structural Properties of Fiber Glass Filament-Wound Pressure Vessels at Cryogenic Temperatures	1964
20160002016	Gravitational and Resonance Experiments on Very Low-Energy Free Electrons and Positrons	1964
20160002017	Quarterly Status Report No. 11(C)	1964
20160002018	[Research on Alkali Halides]	1964
20160002021	High-Temperature High-Vacuum Thermocouple Drift Tests	1964
20160002026	Survey/Study of the Interconnection Problem in Microelectronics	1964
20160002027	Survey/Study if the Interconnection Problem in Microelectronics	1964
20160002028	Survey/Study of the Interconnection Problem in Microelectronics	1964
20160002033	Development of an Ion Rocket Engine System for Attitude Control and Station Keeping	1964
20160002035	Collection and Analysis of Micrometeorites	1964
20160002128	Measurement of Light Scattered from a Laser Beam by the Atmosphere	1964
20160002130	Study of Plasma Sheath Associated with Communication Blackout	1964
20160002131	Hydroplaning of a Pneumatic Tire	1964
20160002133	Project Spin (Precision Cryogenic Gyro)	1964
20160002134	Hypervelocity Impact Effects on Liquid Hydrogen Tanks	1964
20160002136	Nuclear Brayton Cycle	1964
20160002138	A Study of Brain Function Through Advanced Computer Techniques for Analysis of Electroencephalographic Data	1964
20160002139	Third Monthly Letter Report: [The New Partial Differential Equation]	1964
20160002140	Survey of Extraterrestrial Non-Solar X-Radiation by Rocket Borne Instruments	1964
20160002142	The Judged Noisiness of a Band of Random Noise Containing an Audible Pure Tone	1964
20160002143	Dynamic Simulators for Tests of Space Vehicle Attitude Control Systems	1964
20160002144	Development of Improved Polymeric Materials for Cryogenic Propellant Tank Liners and Expulsion Bladders	1964
20160002145	Ionospheric Electron Density Studies and Computations	1964
20160002146	Investigation of the Mechanical Properties of Plastic Materials	1964
20160002147	Status Report for NASA Grant No. G-113-61/33-18-004	1964
20160002148	[Electron Density Profiles Used to Estimate Atomic Oxygen Recombination Rates and Diffusion Coefficients in the Nighttime F Region]	1964
20160002149	Reactor Fuels, Materials and Research	1964
20160002150	Analytical and Experimental Research in Space Physics Including Balloon and Rocket Flight Experiments	1964
20160002151	Research Program on Pyroelectric Detection Techniques and Materials: Phase 2	1964
20160002152	[X-ray Sources Data]	1964
20160002153	[Research on High Energy Physics, Cosmic Rays and Astrophysics]	1964
20160002154	Information Processing by Humans and Invertebrates	1964
20160002155	On the Diurnal Variation of the Upper Atmosphere	1964
20160002156	Research in the Development Effort of an Approved Multiplier Phototube	1964
20160002158	Orbiting Astronomical Observatory	1964
20160002159	Summary of the Second Symposium on Protection Against Radiation Hazards in Space	1964
20160002160	Studies on the Radioactive Dating of the Lunar Surface	1964
20160002161	Status Report	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160002162	[Investigation of the Heat Generated as Metals/Principally Aluminum/are Deformed in Bars: Progress Report, 1 March - 1 September 1964]	1964
20160002163	X-Ray and Electron Damage, and Photochemical Reactions in CdS Single Crystals and Layers, and Annealing of These Defects	1964
20160002164	[Interpretation of Data Obtained During Previous UNH Satellite Magnetic Experiments and Planning and Developing Magnetometer Systems for Future Measurements]	1964
20160002165	Orbital Operations Study	1964
20160002166	Catholic University Status Report on the Research Performed to Date Under NASA Research Grant NSG 417- [The Solar Wind Theory]	1964
20160002167	Development of Improved Coatings for Glass Monofilaments	1964
20160002168	Development of a High Strength Aluminum Alloy, Readily Weldable in Plate Thicknesses, and Suitable for Applications at -423 Degrees Fahrenheit (-253 Degrees Centigrade)	1964
20160002169	Creep at Elevated Temperatures and High Vacuum	1964
20160002170	210 Ft. Radio Telescope, Parkes	1964
20160002171	A Microparticle Accelerator	1964
20160002172	Structural Behavior of Composite Materials	1964
20160002173	Design Improvements in Liners for Glass Fiber Filament-Wound Tanks to Contain Cryogenic Fluids	1964
20160002174	On the Engineering Portion of a Research Program to Develop a Zero-G, Drag-Free Satellite and to Perform a Gyro Test of General Relativity in a Satellite	1964
20160002175	Triaxial Electron Detector Proposed for OGO-E	1964
20160002176	A Monograph on Design Factors for Space Vehicles	1964
20160002177	[Study, Evaluation and Development of Methods for the Maximum Utilization of Existing SAO Observing Capabilities]	1964
20160002178	Study of the Display Aspects of the Birefringent Scanner and Delivery of a Prototype Model	1964
20160002179	Atomic Oscillations in the Statistical Approximation	1964
20160002180	Measurement of High Energy Neutron Flux in Space	1964
20160002181	Study of Digital Techniques for Saturn Flight Control	1964
20160002182	[Investigation of Millimeter Wavelength Electromagnetic Radiation from Bodies of the Solar System]	1964
20160002183	Theoretical and Experimental Studies in Planetary and Atmospheric Physics	1964
20160002184	Lunar and Solar System Research	1964
20160002192	Investigation and Fabrication of Concentric Tube Resistojet Thrustors	1964
20160002194	Development of a Continuously Operating Source of Vacuum Ultraviolet and Soft X-Radiation	1964
20160002207	Project Press Airborne Optics	1964
20160002222	Supersonic and Hypersonic Flow of an Ideal Gas Around an Elliptical Mass	1964
20160002297	Saturn Guidance Signal Processor (GSP-24)	1964
20160002300	Quarterly Status Report No. 13(C)	1964
20160002305	Investigation of Structural Properties of Fiber Glass Filament-Wound Pressure Vessels at Cryogenic Temperatures	1964
20160002307	Supersonic Decompression Study	1964
20160002314	[Research on High Energy Physics, Cosmic Rays and Astrophysics]	1964
20160002319	Research on Growth of Plane-Stress Flaws in Thin Walled Cryogenic Material	1964
20160002323	Design Criteria Monograph on Booster and Spacecraft Structure Fatigue	1964
20160002325	Prototype Temperature Measuring System	1964
20160002337	VHF Absorption, Cosmic Ray and Geomagnetic Field Correction, and Satellite Observations	1964
20160002339	Follow-On Investigation of a Steady State Hall Current Accelerator	1964
20160002340	Follow-On Investigation of a Steady State Hall Current Accelerator	1964
20160002341	Follow-On Investigation of a Steady State Hall Current Accelerator	1964
20160002342	Design, Development, and Fabrication of a Reaction Wheel Utilizing a Brushless DC Motor	1964
20160002880	On the Formation of White-Light Fringes in a Mach-Zehnder Interferometer	1964
20160002881	The Lunar Orbiter	1964
20160002886	Project Spin (Precision Cryogenic Gyro)	1964
20160002887	Survey/Study of the Interconnection Problem in Microelectronics	1964
20160002888	Experimental and Theoretical Study of Ionospheric Electron Content and Upper Ionosphere Ionic Processes by Means of Satellite Radio Transmissions	1964
20160002889	Physical Study of Planetary Atmospheres Being Conducted at the Florida State University	1964
20160002890	Studies of Hollow Multipartitioned Ceramic Structures	1964
20160002923	[Launch Vehicle Studies]	1964
20160003019	The Effect of High Pressure on the Conductivity of Vapors	1964
20160003025	POODLE Stage Development Study: Topical Report	1964
20160003028	Lunar Studies	1964
20160003055	Low Frequency Noise and Semiconductor Life	1964
20160003058	Study and Development of a Spacecraft Digital Stabilization and Control System	1964
20160003060	Development of an Optical Superheterodyne Receiver	1964
20160003063	Energy Loss of Charged Particles in Plasmas	1964
20160003067	First Semi-Annual Status Report on Implications of Space Technology	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160003071	Shock, Flow and Radiation from the Hypervelocity Impact of Microparticles	1964
20160003203	Survey/Study of the Interconnection Problem in Microelectronics	1964
20160003213	Optics and Electro-Optics at Texas Instruments	1964
20160003214	Organo-Metallic and Organo-Metalloidal High-Temperature Lubricants and Related Materials	1964
20160003215	A Study of the Development of a Basic Planetary Transportation Systems Model	1964
20160003221	General Outline of Plasma Study Areas and Their Relation to Bomb Phenomenology	1964
20160003222	Aerospace Communication and Parametric Amplifiers in Low-Noise Receiving Systems	1964
20160003223	High Temperature Gas Cooler Reactor Experiment and Windscale Advanced Gas Cooled Reactor	1964
20160003225	Headquarters-Center Conference on University Relations, July 8-9, 1964	1964
20160003232	Differential Bremsstrahlung Cross Sections for Low Energy Electrons	1964
20160003233	Saturn V Launch Vehicle Digital Computer and Data Adapter	1964
20160003235	Development of Improved Polymeric Materials for Cryogenic Propellant Tank Liners and Expulsion Bladders	1964
20160003237	Manned Space Locomotion Systems	1964
20160003239	Basic Investigation of Multilayer Insulation Systems	1964
20160003241	The Study of the Origin and Propagation of Disturbances in the Burning of Solid Propellants - Phase I: the Measurement of Acoustic Admittance	1964
20160003242	Aviation and Cosmonautics	1964
20160003243	[Basic Investigation Using a 2 Mv Van de Graaff Accelerator for Studies in Atomic Optical Spectroscopy]	1964
20160003244	Studies and Investigations Leading to the Design of a Radio Direction Finder System for the MF-HF-VFH Range	1964
20160003271	Follow-On Investigation of a Steady State Hall Current Accelerator	1964
20160003280	Basic Studies in Space Vehicle Attitude Control	1964
20160003282	The Propagation of ELF and VLF Waves in the Presence of A Radial Magnetic Field	1964
20160003283	[Applied Optics Interim Progress Report]	1964
20160003284	[Role of the Brain in Controlling Locomotory Rhythms in the Roach, Leucophea.]	1964
20160003286	NASA Sunblazer	1964
20160003398	Artificial Satellites in a Rarified Plasma	1964
20160003399	Massive Stars and Strong Radio Sources	1964
20160003401	Theoretical Study of the Coupling Between the Solar Wind and the Exosphere	1964
20160003404	Saturn S-II Stage	1964
20160003405	Proceedings of the Semi-Annual Meeting on Development of Improved Polymeric Materials for Cryogenic Tank Liners and Expulsion Bladders	1964
20160003407	[Delta Program]	1964
20160003410	Proceedings of Conference on Heat Transfer Computer Programs	1964
20160003411	Advanced Control Techniques Applied to Large Flexible Launch Vehicles	1964
20160003424	On the Breakdown of Near-Equilibrium Quasi-One-Dimensional Flow	1964
20160003434	Program 624A Design Loads Report, Configuration C	1964
20160003435	Flight Control System Requirements Report	1964
20160003439	Theoretical Television Detection Ranges	1964
20160003443	Snap 2 Power Conversion System Topical Report NO. 23 Compact Boiler Development	1964
20160003634	SA-9 Saturn 1 Block II Vehicle Description	1964
20160003635	SA-7 Saturn I Block II Vehicle Description	1964
20160003643	Lunar Excursion Module Descent Engine: Feasibility Ablative Materials Evaluation: The 1.20-Inch Throat Diameter Rocket Engine	1964
20160004030	Cable, Electric, Twisted Multiconductor Lightweight, Abrasion-Resistant	1964
20160004105	Indicators, Elapsed Time Displays Subsystem Design Control Specification	1964
20160004111	Finishes, Ground Support Equipment, General Specification For	1964
20160004559	Apollo PUG/STU Interface	1964
20160004560	Procedure for Shielding Precision Resistors	1964
20160004561	Specification for Manufacturing Magnetization Procedure for Magnetic Brake Assemblies Low Torque North American Apollo Gaging System	1964
20160004562	Engineering Specification on NAA Apollo Development Test Plan	1964
20160004563	General Proof and Leak Test Specification for Sensor Assemblies NAA Apollo Propellant Gaging System	1964
20160004564	Leak Test Specification	1964
20160004565	Specification for Proof Pressure Testing	1964
20160004566	Specification for Valve Gate Tolerance Test	1964
20160004567	Tin Plating (Electrodeposited) for Corrosion Resistant Steel	1964
20160004568	Simmonds Specification on Corrosion Resistant Steel Investment Casings, High Pressure	1964
20160004570	Polyurethane Foam Encapsulation	1964
20160004572	Specification for Manufacturing Magnetization Procedure for Magnetic Brake Assemblies High Torque North American Apollo Gaging System	1964
20160004573	Simmonds Specification on Shielded Braid Termination Procedure	1964
20160004574	Inspection and Test Specification for Sensor Glass Tube Finishing Processes	1964

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160004575	Simmonds Specification for Qualification Test Program Connectors Hermetic-Seal, Multi-Pin Solder Mount Apollo	1964
20160004577	Specification for Bellows, Welded - Procurement	1964
20160004578	Specification for Manufacturing Test Procedure for Alignment and Testing of Valve Servos	1964
20160004579	Specification for Manufacturing Test Procedure for Fuel Point Sensor Schematic #386306 North American Apollo Gaging System	1964
20160004581	Specification for Manufacturing Test Procedure for Flag Display Servo Amplifier Schematic #386463 North American Apollo Gaging System	1964
20160004583	Specification for Manufacturing Test Procedure for Discrepancy Warning Circuit Schematic #386308 North American Apollo Gaging System	1964
20160004584	Specification for Manufacturing Test Procedure for Primary Power Supply Schematic #386469 North American Apollo Gaging Sys.	1964
20160004585	Specification for Manufacturing Test Procedure for 6KC Oscillator Schematic #386303 North American Apollo Gaging System	1964
20160004639	Mission Directive SA-9	1964
20160004647	Definition of Saturn IB SA202 and Apollo AFRM-011 Electrical Interface	1964
20160004650	Specification Control Drawing for Connector, Receptacle, Solder Mount	1964
20160004659	Development Test Report on Effect of the Point Sensor on the Continuous Sensor Portion of the Fuel Probe	1964
20160004660	Test Report on Sensor Tower Tube (.930" ID, 1.0" OD) Subjected to Burst Pressure	1964
20160004661	Fuel Sensor Glass Sample (.750" I.D.,.918" O.D.) Subjected to Burst Pressure	1964
20160004662	Test Report on Deflection of Point Sensor, Ring Mount P/N 386939	1964
20160009395	Mission Operations Plan: TIROS I (Eye) (IX)	1964
20160009402	Molecular Beams Surface Interaction	1964
20160009404	Development of a 1,500,000-lb-Thrust (Nominal Vacuum) Liquid Hydrogen/Liquid Oxygen Engine	1964
20160009410	Lunar Orbit Rendezvous Reference Trajectory Data Package - Reference Trajectory No. 5: Guided Re-Entry. Issue 4, Volume 5E	1964
20160009416	Improved Throat Inserts for Ablative Thrust Chambers	1964
20160009420	Saturn I/IB	1964
20160009423	Surveyor Project Status Report	1964
20160009424	Surveyor Project Status Report	1964
20160009425	Surveyor Project Status Report	1964
20160009430	Development of Catalysts for Mono Propellant Decomposition of Hydrazine(U)	1964
20160009432	Surveyor Project Status Report	1964
20160009435	Protective Coatings for Refractory Metals in Rocket Engines	1964
20160009438	Investigation of Resin Systems for Improved Ablative Materials	1964
20160009439	Development Of Thermal Protection System for a Cryogenic Spacecraft Module	1964
20160009440	Study of Dynamic and Static Seals for Liquid Rocket Engines	1964
20160009442	[Basic Investigation of Multi-Layer Insulation Systems]	1964
20160009443	Study of Dynamic and Static Seals for Liquid Rocket Engines (Phase 3)	1964
20160009461	Advanced Storable Propellant System	1964
20160009492	Development and Evaluation of the Elastic Recovery Concept for Expandable Space Structures	1964
20160009510	Theoretical and Experimental Characterization of Technique for Extinguishment of Solid Propellant Rocket Motors	1964
20160012426	Apollo Test Requirements, NPC 500-10, Change I	1964
20160012668	Perspective on Aerospace Propulsion Systems	1964
20160013573	Technical Status of the Apollo Command and Service Modules	1964
20160013733	Program Review Document Apollo	1964
20160013735	Program Review: Apollo	1964
20160013791	Lunar Excursion Module Familiarization Manual	1964
20160013807	Gemini Operations Handbook GT-3	1964
20160013808	Gemini Land Landing System Development Plan	1964
20160013810	Gemini Flight and Mission Assignments	1964
20160013814	Gemini Data Book	1964
20160014359	Description of Gemini Experiments: Flights GT-3 Through GT-7	1964
20160014394	Apollo Spacecraft Program	1964
20170001003	Program Review Apollo	1964
20170006904	Proposal for Arc Jet Research and Development	1964
19630036944	COMPUTER EVALUATION OF ION ENGINES FINAL REPORT	1965
19640032863	The NASA Biosatellite Program.	1965
19640050980	Uncooled thrust chambers for liquid pre packaged propulsion system	1965
19640051423	[Kramers' Radiation, Atomic Line Radiation, and High Temperature Radiation Tables] Ninth Monthly Progress Report	1965
19640059434	On some singular integral equations i	1965
19650003924	Finite geometry corrections to gamma-ray angular correlation measurements	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650003943	Application of generalized newtonian theory to three-dimensional sharp-nose shock-detached bodies at mach 6 for angles of attack up to 25 deg	1965
19650003944	Effect of environmental parameters on the performance of low-density silicone-resin and phenolic-nylon ablation materials	1965
19650003973	Wind-tunnel-wall effects and scale effects on a vtol configuration with a fan mounted in the fuselage	1965
19650004223	Graphical results for large-amplitude unsteady one-dimensional waves in magnetized collision- free plasmas with discrete structure	1965
19650004224	Mechanical resonance dispersion and stress- strain behavior of several ionic single crystals	1965
19650004225	Apparatus for measuring emittance and absorptance and results for selected materials	1965
19650004265	Fluid amplifier symbols, nomenclature, and specification	1965
19650004266	Hydromagnetic stability of stellar atmospheres	1965
19650004267	Filter-wheel solar simulator	1965
19650004268	Meteoric flux and density fields about a finite attractive center generated by a stream monoenergetic and monodirectional at infinity	1965
19650004269	Meteoric flux and density fields about an infinitesimal attractive center generated by a stream monoenergetic and monodirectional at infinity	1965
19650004270	Some aspects of the distribution of meteoric flux about an attractive center	1965
19650004271	The autocorrelation function of structural response measurements	1965
19650004358	Synthesis of an airfoil at supersonic mach number	1965
19650004359	Controller design for nonlinear and time varying plants	1965
19650004360	A numerical method for calculating the flat- plate pressure distributions on supersonic wings of arbitrary planform	1965
19650004361	Some transient electrical characteristics of the exhaust of a self-crowbarred coaxial plasma gun	1965
19650004362	Supersonic investigation of a spinning and nonspinning model of a cajun /or apache/ rocket vehicle with roll-control tabs	1965
19650004423	A method for calibration of gas-composition- sensitive pressure gages in condensable vapors	1965
19650004515	Hodograph analysis of the free-flight trajectories between two arbitrary terminal points	1965
19650004516	Theoretical model atmospheres of venus	1965
19650004517	Problems of fatigue of metals in a vacuum environment	1965
19650004518	Measured human transfer functions in simulated single-degree-of-freedom nonlinear control systems	1965
19650004519	Transport properties of dilute gas mixtures	1965
19650004520	Experimental effects of propellant-introduct- ion mode on electron-bombardment ion rocket performance	1965
19650004847	Energy transfer from a liquid to gas bubbles forming at a submerged orifice	1965
19650004848	Requirements and constraints of potential roles of supersonic transport crews	1965
19650004850	Gaseous environment considerations and evaluation programs leading to spacecraft atmosphere selection	1965
19650004857	Evaluation of transistors and diodes for micropower circuit applications	1965
19650004957	Mechanical properties of arc-melted and electron-beam-melted tungsten-base alloys	1965
19650004958	An analysis of the problem of tank pressurization during outflow	1965
19650004959	Experimental local heat-transfer data for precooled hydrogen and helium at surface temperatures up to 5300 deg r	1965
19650004960	Laminar boundary-layer separation induced by flares on cylinders with highly cooled boundary layers at a mach number of 15	1965
19650004961	A critical evaluation of methods for calculating transport coefficients of partially and fully ionized gases	1965
19650005000	Investigation of an mgd power generation duct summary report	1965
19650005024	The thermal analysis of anode and cathode regimes in an electric arc column quarterly progress report no. 6, oct. 1 - dec. 31, 1964	1965
19650005025	Performance of several ablation materials exposed to low convective heating rates in an arc-jet stream	1965
19650005026	A fortran program to calculate the flow field and performance of an axially symmetric delaval nozzle	1965
19650005027	Some effects of uncertainties in atmosphere structure and chemical composition on entry into mars	1965
19650005028	Quadrature formulas for the lambda and phi operators of radiative transfer	1965
19650005029	Use of temperature buffered argon arc in spectrographic trace analysis	1965
19650005030	Stress-intensity factors for single-edge-notch specimens in bending or combined bending and tension by boundary collocation of a stress function	1965
19650005031	Mars nonstop round-trip trajectories	1965
19650005075	Real-gas effects in critical-flow-through nozzles and tabulated thermodynamic properties	1965
19650005247	A study of model matching techniques for the determination of parameters in human pilot models	1965
19650005248	Cosmic ray collisions in space. part i- the energy spectra of electrons from pion-muon- electron decays in interstellar space final report	1965
19650005249	Cosmic ray collisions in space. part ii- high energy gamma rays from cosmic ray collisions in space final report, jul. 3, 1963 - nov. 3, 1964	1965
19650005250	Cosmic ray collisions in space. part iii- low energy protons from cosmic ray collisions in space final report, jul. 3, 1963 - nov. 3, 1964	1965
19650005251	Cosmic ray collisions in space. part iv- cosmic ray hazards in the solar system final report, jul. 3, 1963 - nov. 3, 1964	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650005252	Composition and thermodynamic properties of reacting gas mixtures under high pressure using the lewis and randall rule	1965
19650005253	Flight-measured wing surface pressures and loads for the x-15 airplane at mach numbers from 1.2 to 6.0	1965
19650005329	The initial one-dimensional expansion of the shocked states generated by the impact of cylindrical pellets with thin plates topical report	1965
19650005343	Experimental investigation of the combustion process of natural and emulsified liquid fuels <eksperimental'noye issledovaniye protsessa goreniya chastits natural'nykh i emul'girovannykh zhidikh topliv>	1965
19650005348	A geometrical representation for the high frequency dielectric tensor of a temperate plasma	1965
19650005537	Ac demagnetization of satellite components	1965
19650005545	Electron emission from metals in gaseous environment	1965
19650005550	Spacecraft temperature control by thermostatic fins-analysis, part ii	1965
19650005556	Temperature distribution in an infinite cylinder and in a sphere in nonmonochromatic radiative equilibrium <0 raspredelenii temperatury v beskonechnom tsilindre i v sfere pri nemonokhromaticheskome luchistom ravnovesii>	1965
19650005626	Experimental observations of transient boiling of subcooled water and alcohol on a horizontal surface	1965
19650005627	Fragmentation of anthracene in an electron- bombardment ion source	1965
19650005628	Improved method of predicting surface temper- atures in hydrogen-cooled nuclear rocket reactor at high surface- to bulk-temperature ratios	1965
19650005629	An experimental evaluation of array of three electron-bombardment ion thrusters	1965
19650005630	Fracture toughness testing	1965
19650005736	lbm 7090 fortran ii program for thermodynamic property computations. enthalpy-pressure or pressure-density as independent coordinates	1965
19650005737	Nimbus	1965
19650005803	The anomalous energy spectrum of protons in the earth's radiation belt	1965
19650005805	Telemetry and command techniques for planetary spacecraft	1965
19650005925	Vibration and stability analysis of compressed rocket vehicles	1965
19650005926	Dynamic analysis of a multi-legged lunar landing vehicle to determine structural loads during touchdown	1965
19650005927	Application of a bang-bang control system to two spinning space vehicles	1965
19650005928	Solar simulation testing of an earth satellite at goddard space flight center	1965
19650005929	Distortion of atomic-beam velocity distributions due to classical hard-sphere gas scattering	1965
19650005930	Experimental study of subcooled nucleate boiling of water flowing in 1/4-inch-diameter tubes at low pressures	1965
19650005931	Field-enhanced thermionic emission from electrodes of cesium ion thruster	1965
19650005932	Evaluation of 40-millimeter-bore ball bearings operating in liquid oxygen at dn values to 1.2 million	1965
19650005933	Magnetic susceptibilities of compositions in tantalum - tantalum carbide system	1965
19650005945	Development of a selection test for motivational aptitude	1965
19650005947	Experimental investigation of electric drag on spherical satellite models	1965
19650005992	Thermal design and thermal data analysis of sa-5 payload	1965
19650006008	A parametric study of mass-ratio and trajectory factors in fast manned mars missions	1965
19650006009	Application of the double spherical harmonics method to the one-dimensional radiation trans- fer equation	1965
19650006010	Zero-density cosmological models and their applicability to the observed universe	1965
19650006011	Aerodynamic load distributions for the project fire configurations at mach numbers from 0.25 to 4.63	1965
19650006012	Aerodynamic characteristics of lenticular and elliptic shaped configurations at a mach number of 6	1965
19650006013	Flyback voltage regulator	1965
19650006014	Training for a floating-point display of numbers	1965
19650006024	A flight investigation of the scout fourth- stage diaphragm separation disturbances	1965
19650006025	Behavior of liquid-vapor interface of cryogenic liquids during weightlessness	1965
19650006144	A description of a computer program for the study of atmospheric effects on sonic booms	1965
19650006146	Experimental investigation of a 3.0-inch-mean- diameter full-admission three-stage turbine suitable for small auxiliary power units	1965
19650006147	Possible proton-alpha scattering experiments at 40 mev	1965
19650006148	Characteristics of a continuous-flow induction plasma accelerator	1965
19650006214	Satellite studies of the distribution of ionization across the magnetic equator scientific report no. 235	1965
19650006217	Concerning alpha at seven earth radii	1965
19650006281	Development of a high temperature battery second quarterly technical report	1965
19650006291	Vacuum system simulation and multiport system feasibility study	1965
19650006313	Project fog drops- investigation of warm fog properties and fog modification concepts quarterly progress report, 1 oct. 1964 - 1 jan. 1965	1965
19650006314	Magnetic measurements near venus	1965
19650006317	Diffusive separation in the upper atmosphere	1965
19650006318	Study of growth parameters for refractory carbide single crystals quarterly status report no. 3, 1 sep. - 1 dec. 1964	1965
19650006341	Analytical and experimental study of pool heating of liquid hydrogen over a range of accelerations	1965
19650006342	Measurement of the effects of fast-neutron radiation on liquid ortho- and para-hydrogen	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650006343	Off-design performance prediction with experimental verification for a radial-inflow turbine	1965
19650006347	Nucleate and film boiling in reduced gravity from horizontal and vertical wires	1965
19650006348	Residual strength of alloys potentially useful in supersonic aircraft	1965
19650006354	Determination of thunderstorm density by radio observations from a satellite	1965
19650006360	<learning systems, adaptive systems, signal design, and channel models for space communication - communication theory area> annual report for 1964	1965
19650006479	Electronic system evaluation, phase b, part iii completion report	1965
19650006485	Space environment criteria. space environment bibliography semiannual report, 1 jul. - 31 dec. 1964	1965
19650006575	Feasibility of continuous forming of boron carbide monofilaments final report	1965
19650006656	Investigation of mechanical properties of chromium, chromium-rhenium, and derived alloys nineteenth quarterly progress report	1965
19650006667	Design of time weighted minimum energy discrete-data control systems scientific report no. 8	1965
19650006702	Bio-like structures <biopodobnyye struktury>	1965
19650006711	Evaluation of adhesives for sealing metallic and plastic films for use at liquid-hydrogen temperatures	1965
19650006712	Analysis of notch networks containing synchronously commutated capacitors or rc combinations	1965
19650006713	The synthesis of meteoroid distributions from monoenergetic monodirectional kernels	1965
19650006739	The space, time, and energy distributions of the proton beam of the harvard university synchrocyclotron	1965
19650006743	Sufficient conditions for stability and instability of autonomous functional- differential equations	1965
19650006837	Analysis of heat-transfer effects in rocket nozzles operating with very high-temperature hydrogen	1965
19650006845	Calibration of solar cells using high-altitude aircraft	1965
19650006846	The stationary laminar velocity boundary layer with constant fluid properties and arbitrary distributions of pressure and mass transfer	1965
19650006847	Parametric performance analysis for lunar orbit braking and descent	1965
19650006848	Cold-air evaluation of a two-stage sodium vapor turbine	1965
19650006849	Study of irradiation-induced active sites on magnesium oxide with the use of electron paramagnetic resonance	1965
19650006952	The application of extreme-value theory to error probability estimation in the ranger block iii command detector	1965
19650006975	Determination of loads on a flexible launch vehicle during ascent through winds	1965
19650006976	Diffusion of auroral electrons in the atmosphere	1965
19650006977	Effect of fin-flare combinations on the aerodynamic characteristics of a body at mach numbers 1.61 and 2.20	1965
19650006978	Fatigue under random and programmed loads	1965
19650006979	Simulator study of ability of pilots to establish near-circular lunar orbits using simplified guidance techniques	1965
19650006980	Visual aspects of a full-size pilot-controlled simulation of the gemini-agera docking	1965
19650006981	Experimental investigation of jet impingement on surfaces of fine particles in a vacuum environment	1965
19650006982	Propagation of cylindrical and spherical elastic waves by method of characteristics	1965
19650006983	An investigation of the vanadium-gallium system between 50 and 100 atomic percent vanadium	1965
19650006984	Mass spectrometric investigation of reactions of oxygen atoms with hydrogen and ammonia	1965
19650006985	Incipient cavitation of freon-114 in a tunnel venturi	1965
19650006986	Investigation of the elastic-plastic stress state around a reinforced opening in a spherical shell	1965
19650006987	Subnanosecond time resolution single-channel pulse-height analyzer	1965
19650006988	Experimental investigation of a constant- velocity traveling magnetic wave plasma engine	1965
19650006989	Analytical comparison of relative heat- transfer coefficients and pressure drops of inert gases and their binary mixtures	1965
19650006990	Effects of uncertainties in the thermal conductivity of air on convective heat transfer for stagnation temperature up to 30,000 deg k	1965
19650006996	Influence of edge conditions on the stability of axially compressed cylindrical shells	1965
19650007143	A program to develop a high-energy density primary battery with a minimum of 200 watt hours per pound of total battery weight second quarterly report, oct. - dec. 1964	1965
19650007146	Generation of long time creep data on refractory alloys at elevated temperatures sixth quarterly report, sep. 26 - dec. 26, 1964	1965
19650007148	Mechanical properties, oxidation characteristics, and weldability of two uncoated and coated vanadium-base alloys	1965
19650007149	Heat transfer to laminar non-newtonian flow in a circular tube with variable circumferential wall temperature or heat flux	1965
19650007158	Computer program for designing shell- and-tube liquid metal condensers /manual/	1965
19650007215	<studies of auditory information processing emphasizing the application of signal detectability theory to the auditory sensory responses> second quarterly progress report, 1 sep. - 30 nov. 1964	1965
19650007281	Investigation of the fatigue performance of visco-elastic panels at elevated temperatures	1965
19650007282	Instabilities in the flow of boiling liquid	1965
19650007283	Carbon dioxide dissociation rates behind shock waves	1965
19650007284	Investigation of the dynamic stability and controllability of a towed model of a modified half-cone reentry vehicle	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650007285	Stability of four titanium-alloy and four stainless-steel sheet materials after exposures up to 22000 hours at 550 deg f /561 deg k/	1965
19650007286	Inlet noise studies for an axial-flow single-stage compressor	1965
19650007287	Brayton cycle magnetohydrodynamic power generation with nonequilibrium conductivity	1965
19650007288	Structural and materials investigation of a 1/8-scale-model space structure of toroidal configuration and filamentary construction	1965
19650007289	An experimental investigation of peak and average heating effects in cascade-arc jets	1965
19650007290	A modified method of integral relations for supersonic nonequilibrium flow over a wedge	1965
19650007291	Trim requirements and static-stability derivatives from a wind-tunnel investigation of a lifting rotor in transition	1965
19650007292	Influence of entrained gases and a halogen additive on boundary lubrication of four oils at temperatures to 1000 deg f	1965
19650007328	Fast scan infrared detection and measuring instrument, phase i, june 19, 1964 - january 15, 1965	1965
19650007399	Nonlinear analysis of physical librations. part i- new formulation and equilibrium orientations deduced from an integral of motion	1965
19650007499	Infrared radiation measurements of combustion gases second quarterly progress report, oct. 1 - dec. 31, 1964	1965
19650007514	Radiation measurements on the ninth mercury- atlas mission /ma-9/	1965
19650007515	Wind-tunnel investigation of a lifting rotor operating at tip-speed ratios from 0.65 to 1.45	1965
19650007516	Preliminary investigation of the handling qualities of a vehicle in a simulated lunar gravitational field	1965
19650007517	A technique for determining planetary atmosphere structure from measured accelerations of an entry vehicle	1965
19650007518	Linear acceleration guidance scheme for landing and launch trajectories in a vacuum	1965
19650007519	Improved ceramic-bonded calcium fluoride coatings for lubricating nickel-base alloys in air at temperatures from 500 deg to 1700 deg f	1965
19650007520	Detection of flow-field instability in the presence of buffeting by the partial-mode model technique	1965
19650007521	Study of the retrieval of an astronaut from an extra-vehicular assignment	1965
19650007525	Gauge calibration study in extreme high vacuum	1965
19650007526	Four-dimensional derivation of the electrodynamic jump conditions, tractions, and power transfer at a moving boundary	1965
19650007527	The impact of v/stol aircraft on instrument weather operations	1965
19650007599	Development of large-internal-surface-area nickel metal plaques second quarterly progress report, sep. 18 - dec. 18, 1964	1965
19650007611	Aerodynamic noise research support quarterly progress report, oct. - dec. 1964	1965
19650007654	Investigation of kilovolt ion sputtering quarterly progress report	1965
19650007656	Hydrogen-oxygen electrolytic regenerative fuel cells semiannual report	1965
19650007665	An x-ray telescope	1965
19650007670	Snap-8 seals-to-space development test program. volume ii- molecular pump	1965
19650007725	A theory for the optimal deterministic characterization of the time-varying dynamics of the human operator	1965
19650007726	Transonic aerodynamic characteristic of a series of bodies having variations in fineness ratio and cross-sectional ellipticity	1965
19650007727	Evaluation of five bearing-separator materials and polyphenyl ether lubricants for use in space power generation systems	1965
19650007728	Remote manipulation with transmission delay	1965
19650007729	Free vibrations of conical shells	1965
19650007730	Relation of lattice parameters to friction characteristics of beryllium, hafnium, zirconium, and other hexagonal metals in vacuum	1965
19650007731	A method for arraying yagi-disk antennas	1965
19650007732	An analytical comparison of some electromagnetic systems for removing momentum stored by a satellite attitude control system	1965
19650007733	Application of statistical filter theory to the interplanetary navigation and guidance problem	1965
19650007802	Theoretical and experimental investigations of the nonlinear dynamic response of continuous systems final report	1965
19650007850	Studies of antennas for space vehicles	1965
19650007851	Study for development of elastomeric thermal shield materials, 1 july 1963 to 1 june 1964	1965
19650007852	Load-bearing characteristics of biaxially prestressed ceramic plates	1965
19650007853	Inorganic ion exchange membrane fuel cell quarterly progress report for the period ending 10 jan. 1965	1965
19650007854	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum second quarterly report, 1 oct. 1964 - 1 jan. 1965	1965
19650007855	Low-speed force and flight investigation of a model of a modified parawing utility vehicle	1965
19650007856	Grain growth in dilute tungsten-boron alloys	1965
19650007857	Spin-entry characteristics of a delta-wing airplane as determined by a dynamic model	1965
19650007858	Influence of crystal structure on the friction and wear of titanium and titanium alloys in vacuum	1965
19650007859	A tension shell structure for application to entry vehicles	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650007860	Experimental study under ground-hold conditions of several insulation systems for liquid-hydrogen fuel tanks of launch vehicles	1965
19650007861	Some efficient computation techniques including their application to time optimal trajectories from parking orbit	1965
19650007862	Effect of pressure on rate of burning /decomposition with flame/ of liquid hydrazine	1965
19650007902	Design of adjustable manifold type gaseous flow measurement calibration system final report	1965
19650007906	Chemical reactivity of hydrogen, nitrogen and oxygen atoms at temperatures below 100 degrees k fourth semiannual technical report	1965
19650007909	An observation of the lyman-birge-hopfield system in an aurora technical report no. 7	1965
19650007910	Human engineering design criteria study quarterly progress report no. 2, 1 oct. - 31 dec. 1964	1965
19650007913	On an iterative process in the solution of the regular n-body problem	1965
19650007914	Design, development, manufacture, and deliver new concepts for high energy rate forming system quarterly report no. ii	1965
19650007916	<low energy proton experiments< monthly progress report, period ending 1 jan. 1965	1965
19650007918	Low level purged radiometers program progress report, oct. 31 - dec. 31, 1964	1965
19650007919	Diffusion process modeling technical summary report, may - dec. 1964	1965
19650007921	Development of high strength, low density composite materials for saturn applications annual summary report, 1 oct. 1963 - 31 dec. 1964	1965
19650007928	Comet and close-approach asteroid mission study. trajectory and guidance analysis, volume 3 final report, 2 jul. 1964 - 2 jan. 1965	1965
19650007931	Description and flight analysis of the ranger vii tv subsystem	1965
19650007932	Investigation of light scattering in highly reflecting pigmented coatings quarterly report, nov. 1, 1964 - feb. 1, 1965	1965
19650007933	Application of prestressed segmented brittle materials in aerospace structure seventh quarterly status report, nov. 1, 1964 - jan. 31, 1965	1965
19650007934	Contract number index to reports announced in star. cumulative index to items in star volume 2, 1964	1965
19650007935	Dynamic model investigation of the landing characteristics of a manned spacecraft	1965
19650007937	Development of cadmium sulfide thin film photovoltaic cells first quarterly report, oct. 15, 1964 - jan. 14, 1965	1965
19650007940	Cislunar meteoroid impact and puncture models with predicted pegasus satellite punctures	1965
19650008005	Development of improved thermoelectric materials for spacecraft applications second quarterly progress report, 1 oct. 1964 - 1 jan. 1965	1965
19650008009	Space environment criteria- space environment bibliography semiannual report no. 2979	1965
19650008010	Stability conditions of the lower atmosphere and their implications regarding diffusion at cape kennedy, florida	1965
19650008265	Ranger vii photographs of the moon. part ii- camera "b" series	1965
19650008273	A method for minimizing stray magnetic fields in the electromagnetic vibration exciter	1965
19650008274	The restricted problem of three bodies /ii/ technical report no. 2	1965
19650008275	The effect of bedrest on various parameters of physiological function. part 1- review of the literature on the physiological effects of immobilization	1965
19650008276	Laboratory tests of subjective reactions to sonic boom	1965
19650008278	Aerospace medicine and biology a continuing bibliography	1965
19650008280	High-temperature, high-current, alkali-metal vapor-filled ceramic thyratrons and rectifiers quarterly progress report no. 2	1965
19650008281	The two-region fission-electric cell reactor	1965
19650008347	Space cell test program monthly progress report, period ending 31 jan. 1965	1965
19650008364	Effects of 1.2 and 0.30 mev electrons on the optical transmission properties of several transparent materials	1965
19650008365	Electron-bremsstrahlung differential cross sections for thin and thick targets	1965
19650008366	The rocket interferometer tracking /rit/ system	1965
19650008367	Strong field focusing for signal generating image tubes	1965
19650008368	Nonparametric density estimation and classification	1965
19650008390	The development of high energy density primary batteries, 200 watt hours per pound of total battery weight minimum final report, 1 aug. 1963 - 31 jul. 1964	1965
19650008475	Pilot acceptance factors related to information requirements and display concepts for all-weather landing	1965
19650008532	Comet and close-approach asteroid mission study. volume 5- guidance and control final report, 2 jul. 1964 - 2 jan. 1965	1965
19650008533	Comet and close-approach asteroid mission study. volume 6- telecommunication final report, 2 jul. 1964 - 2 jan. 1965	1965
19650008534	Comet and close-approach asteroid mission study. volume 7- power final report, 2 jul. 1964 - 2 jan. 1965	1965
19650008535	Comet and close-approach asteroid mission study. volume 8- thermal control final report, 2 jul. 1964 - 2 jan. 1965	1965
19650008536	Spacecraft configurations. volume 9- comet and close-approach asteroid mission study final report	1965
19650008545	Incorporation of additives in adhesives for radiographic inspection of adhesive bonded honeycomb structures technical summary report, 29 jun. 1963 - 29 oct. 1964	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650008547	On the construction and theory of a miniature stress transducer to measure radial stress in propellant grains	1965
19650008585	Guide to the subject indexes for scientific and technical aerospace reports	1965
19650008596	Liquid hydrogen mass flowmeter evaluation final report	1965
19650008600	Investigation of a liquid-fluorine inducer and main-stage pump combination designed for a suction specific speed of 20000	1965
19650008601	Infrared astronomy review for the astronomy subcommittee of the national aeronautics and space administration	1965
19650008602	Measurement of the lowest pressures in space and the laboratory	1965
19650008603	Presto- program for rapid earth-to-space trajectory optimization	1965
19650008604	Studies for sterilization of space probe components final report	1965
19650008605	Compilation of shock and vibration flight data from eight thor-related vehicles	1965
19650008606	Model investigation of technique for conducting full-scale landing-impact tests at simulated lunar gravity	1965
19650008607	Effect of component differential hardnesses on rolling-contact fatigue and load capacity	1965
19650008608	Effect of component differential hardness on residual stress and rolling-contact fatigue	1965
19650008609	A standard telemetry package for nike-cajun and nike-apollo sounding rockets	1965
19650008610	Flight investigation of the vz-2 tilt-wing aircraft with full-span flap	1965
19650008611	Landing gear loads obtained during simulated landing tests over various obstacles	1965
19650008733	Basic studies on dispersion hardening quarterly report, 12 oct. - 11 jan. 1965	1965
19650008817	Radiological search instrumentation trieste i	1965
19650008842	Space exploration programs and space sciences	1965
19650008843	Effect of low density inert gas flush on oxygen - columbium reaction at 1500 deg f to 2000 deg f final quarterly report	1965
19650008845	Quasi-isometric mappings in hilbert space	1965
19650008846	The photoelectron energy distribution in the ionosphere. theoretical study of the moving langmuir probe in the presence of a magnetic field. theoretical study of the response of a probe to plasma waves annual report no. 1, 1 oct. 1963 - 30 sep. 19	1965
19650008880	Pattern recognition. iii- sord-1 and -2, two programs for delineating 'solid' and 'broken' regions in an image	1965
19650008882	Magnetohydrodynamic re-entry control	1965
19650008884	Development of improved gallium arsenide solar cells second quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650008886	Four ampere-hour silver cadmium cells program	1965
19650008889	A technique for testing heart function by analysis of its vibration spectrum progress report	1965
19650008897	Sound and structural vibration	1965
19650008898	Feasibility study and design of passive dampers for a manned rotating space station	1965
19650008901	The effect of bedrest on various parameters of physiological function. part ix- the effect on the vital signs and circulatory dynamics	1965
19650008902	Wind-tunnel investigation of a tilt-wing vtol airplane with articulated rotors	1965
19650008904	Effect of first-stage geometry on aerodynamic characteristics in pitch of two-stage rocket vehicles from mach 1.57 to 2.86	1965
19650008906	Bulletin of the Main Astronomical Observatory, Volume V, Issue 1	1965
19650008918	The Geocentric Trajectory of the Bolide of July 31, 1957	1965
19650008934	Preparation and evaluation of fiber metal nickel battery plaques second quarterly progress report, nov. 1, 1964 - jan. 31, 1965	1965
19650009002	The rotating superconductor. part i- the fluxoid	1965
19650009004	An evaluation of gemini hand controllers and instruments for docking	1965
19650009015	The orbiting geophysical observatories	1965
19650009200	Survey of japanese space program with emphasis on kappa and lambda type observation rockets	1965
19650009201	A schedule for observation rockets in 1963	1965
19650009202	Measuring devices and observations	1965
19650009203	The selection and construction of new test grounds	1965
19650009204	The iqsy and the space rocket - observations during the iqsy	1965
19650009205	Cospar and japanese space rocket research	1965
19650009206	Kappa-8l rockets	1965
19650009207	Kappa-9m rockets	1965
19650009208	Nos. 8 and 9 rockets of kappa-8 type	1965
19650009209	Kappa-8-10 rocket	1965
19650009210	K-8-11 rocket	1965
19650009211	Kappa 8l-1 type space rocket	1965
19650009212	Kappa 9l-2 type space rocket	1965
19650009213	Kappa 9m-1 type space rocket	1965
19650009214	Aerodynamic characteristics of k-8l and k-9m type space rockets	1965
19650009215	Performance calculations of kappa-8l,-8,-9l,-9m type space rocket	1965
19650009216	Structural strength of kappa-8l and -9m type space rockets	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650009217	Small type rocket	1965
19650009218	Development of lambda-735-type rocket engine	1965
19650009219	Development of rocket-chamber welding techniques	1965
19650009220	The thrust meter for ground test of the lambda series rocket engine	1965
19650009221	Computation of performance by use of a digital computer	1965
19650009222	Teletransmitter	1965
19650009223	High-response radio receiver /part 2/	1965
19650009224	Demodulator-recorder system	1965
19650009225	Telemetry antennas	1965
19650009226	The telemetry experiment during kappa 8 type no. 8 through no. 11 space rocket flights	1965
19650009227	4 m phi radar system	1965
19650009228	Receiving level change caused by the antenna mounted in the rocket body	1965
19650009229	Rocket trajectory plotted by radar	1965
19650009230	Safety operations and the so-150 type rocket	1965
19650009231	Accelerometer and its measured results	1965
19650009232	Thermometer, strain gauge and transverse accelerometer	1965
19650009233	Timer	1965
19650009234	Light detector for sound bomb	1965
19650009235	Colorimeter	1965
19650009236	The nosecone opening system	1965
19650009237	Ground test of lambda type engines /735 phi-1/3, -2/3 and -3/3 type/ thirty-seventh report on research of the optical tracking of a high-speed, moving body	1965
19650009238	Optical tracking of kappa-8 type rockets /-7, -8, -9 and -11 type/ thirty-ninth report on the research of the optical tracking of a high-speed body	1965
19650009239	Optical tracking of the k-9l-2, -8l-1 and 9m-1 type space rockets thirty-ninth report on research on the optical tracking of a high- speed moving body	1965
19650009240	Optical tracking of small model rockets high-speed optical tracking research report no. 40	1965
19650009241	Supporting tower for 18-m phi tracking teletransmitter antenna	1965
19650009242	Ionosphere direct-observation devices and the observation results	1965
19650009243	Measurement of cosmic radiation by kappa 8, no. 11 rocket	1965
19650009244	Measurement of orientation with k-8-11 type space rocket	1965
19650009245	Measurement of the atmospheric light layer by means of a rocket	1965
19650009246	Results of the observation of temperature and wind in the upper atmosphere report no. 2	1965
19650009247	Observation of the propogation mode of low frequency radio wave and noise in the ionosphere by k-8-11 type space rocket	1965
19650009248	Wind-tunnel experiment of ionosphere probe - probe measurement in drifting plasma	1965
19650009249	Brief outline of kagoshima space center construction	1965
19650009250	The ground facilities of kagoshima space center	1965
19650009742	Fallout of radioactive debris following nuclear explosions <sulle ricadute radioattive conseguenti alle esplosioni nucleari<	1965
19650009904	Outlines of the universe	1965
19650009905	Investigation of the interaction of plasma flows in a transverse magnetic field <issledovaniye vzaimodeystviya plazmennyykh potokov v poperechnom magnitnom pole<	1965
19650009906	The rate of formation of radioactive isotopes in chondrites under the action of cosmic rays <skorost' obrazovaniya radioaktivnykh izotopov v khondritakh pod deystviyem kosmicheskikh luchey<	1965
19650009908	Investigation of three-dimensional photoelastic models <k issledovaniyu ob'yemnykh fotouprugikh modeley<	1965
19650009909	Application of the methods of analytical dynamics to the theory of optimal flights <primeneniye metodov analiticheskoy dinamiki v teorii optimal'nykh poletov<	1965
19650009910	Application of variational principles, the hamilton principle in particular, to the approximate solution of hyperbolic differential equations <o primenii variatsionnykh printsipov, v chastnosti printsipa gamil'tona, dlya priblizhennogo resheniya dif	1965
19650009911	Conditions for similitude in the case of slender bodies with a hypersonic turbulent boundary layer <ob usloviyakh podobiya dlya giperzvukovogo turbulentsnogo progranichnogo sloya na tonkikh telakh<	1965
19650009912	Essential characteristics of the structure of "pearl like" fluctuations of the magnetic field in geomagnetically conjugate regions <characteristiques essentielles de la structure des oscillations en perles dans des regions geomagnetiquement conjugue	1965
19650010103	Mass spectra of certain solid substances and their interpretation <mass-spektry nekotorykh tverdykh veshchestv i ikh interpretatsiya<	1965
19650010104	On the mechanism of electricity generation in thunderstorms <o mekhanizme generirovaniya grozovogo elektrichestva<	1965
19650010105	Decimeter band radiometer and measurement of jupiter's proper emission <radiometr detsimetrovogo diapazona i izmereniye sobstvennogo izlucheniya yupitera<	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650010106	Resonance of the earth ionosphere cavity- difference between the diurnal variations of two orthogonal magnetic components <resonance de la cavite terre-ionosphere- difference entre les variations diurnes des deux composantes magnetiques orthogonale	1965
19650010107	Interpretation of certain phenomena of the magnetosphere by plasma instabilities <interpretation de certains phenomenes de la magnetosphere par des instabilites de plasma<	1965
19650010130	Luminosity functions of normal galaxies in photoranges and radiobands <funktsii svetimosti normal'nykh galaktik v foto i radiopazonakh<	1965
19650010131	Measurement of the radioactivity induced by cosmic radiation in the bogou meteorite <mesure de la radioactivite induite par le rayonnement cosmique dans la meteorite de bogou<	1965
19650010146	The Challenge of International Competition	1965
19650010176	Partial molar properties of magnesium base binary thermal energy storage systems	1965
19650010177	Phase diagrams of the systems mgf2-mgo, mgf2-cao	1965
19650010178	Transient measurement of thermal diffusivity of refractory materials at high temperature	1965
19650010179	Emitter surface physics of plasma diodes	1965
19650010180	Emitter sheath polarity in plasma diodes	1965
19650010181	Investigation of na-k seeded argon plasma	1965
19650010182	Transient concentration variation in natural convection electrolysis	1965
19650010198	Biosatellites	1965
19650010236	GT-3 Press Conference with Astronauts, March 25, 1965 News Release	1965
19650010508	Solid propellants safety handbook	1965
19650010561	X-15 research results with a selected bibliography	1965
19650010562	A selected listing of nasa scientific and technical reports for 1964	1965
19650010780	<importance of mapping to the space program< news release	1965
19650010847	United states aeronautics and space activities, 1964. report to the congress from the president of the united states	1965
19650010874	Some dynamics problems on inflation of bubbles in space	1965
19650011214	Mariner IV	1965
19650011215	Boundary simulation parameters for underexpanded jets in a quiescent atmosphere	1965
19650011281	The emissive power of water in the infrared region of the spectrum <izluchatel'naya sposobnost' vody v infrakrasnoy oblasti spektra<	1965
19650011282	Actinometric observation techniques at sea <o metodike aktinometricheskikh nablyudeniyy v more<	1965
19650011283	Reasons for the lack of correlation between atmospheric disturbances and weather conditions <o prichinakh nesootvetstviya atmosferikov s usloviyami pogody<	1965
19650011386	Computing the spectral distribution of the brightness of the cloudless sky in a two-parameter model of the atmosphere <k raschetu spektral'nogo raspredeleniya yarkosti bezoblachnogo neba v dvukhparametricheskoy modeli atmosfery<	1965
19650011387	Computation of a hemispherical radiator for calibrating pyrogeometers <raschet polusfericheskogo izluchatelya dlya graduirovki pirgeometrov<	1965
19650011388	Tables for computing the spectrum of the particles of a dispersed system from its transparency <tablitsy dlya rascheta spektra chastits dispersnoy sistemy po yeye prozrachnosti<	1965
19650011400	The german ground station for intercontinental satellite communications <die deutsche erdefunkstelle fur den internationalen satelliten-nachrichtenverkehr<	1965
19650011401	Preparation and physical properties of refractory carbides <polucheniye i fizicheskiye svoystva tugoplavkikh karbidov<	1965
19650011402	Effective reflecting surface of an ionized region having the shape of a sphere <ob effektivnoy otrazhayushchey poverkhnosti ionizirovannoy oblasti, imeyushchey formu shara<	1965
19650011403	Radioastronomical observations of the solar eclipse of 31 july 1963 in centimeter wavelengths <radioastronomicheskiye nablyudeniya solnechnogo zatmeniya 21 iyulya 1963 g v santimetrovom diapazone voln<	1965
19650011404	On venus model with "cold" absorbing atmosphere <o modeli venery s "kholodnoy" pogloshchayushchey atmosferoy<	1965
19650011405	On the propagation of powerful radiowaves in the ionosphere <k voprosu o rasprostraneni sil'nykh radiovoln v ionosfere<	1965
19650011626	Attenuation of total radiation in upper layer clouds <oslableniye summarnoy radiatsii oblakami verkhnego yarusa<	1965
19650011627	Scattered and total solar radiation under various conditions <rasseyannaya i summarnaya solnechnaya radiatsiya pri razlichnykh usloviyakh<	1965
19650011628	Measuring radiation balance at sea <ob izmerenii radiatsionnogo balansa v morskikh usloviyakh<	1965
19650011629	Cuvette for nephelometric measurements with high angular resolution in the region 5 to 175 deg <kyuveta dlya nefelometricheskikh izmereniy s vysokim uglovyim razresheniyem v oblasti uglov 5 - 175 deg<	1965
19650011630	Detection of near atmospheric disturbances and weather conditions <pelengovaniye blizhnikh atmosferikov i pogodnyye usloviya<	1965
19650011631	The supernova of 1054 - a double star/ques/ <sverkhnovaya 1054 g. - dvoynaya zvezda/ques/<	1965
19650011698	News Conference- Manned Spacecraft Center Mission Control Announcement News Release	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650011730	Investigation of electron emission characteristics of low work function surfaces quarterly progress report no. 1, 28 sep. - 27 dec. 1964	1965
19650011751	Self-consistent field schemes for the two-electron atomic ions in the ground state	1965
19650011833	Method of calculating longwave fluxes in the troposphere in the case of a cloudless sky <k metodike rascheta dlinnovolnovnykh potokov v troposfere pri bezoblachnom nebe<	1965
19650011834	Calculation of certain errors of bolometric pyrhelimeters <raschet nekotorykh oshibok bolometrcheskogo pirgeliometra<	1965
19650011835	Spectral reflectivity of clouds <spektral'naya otrazhatel'naya sposobnost' oblakov<	1965
19650011859	The design of the ranger television system to obtain high-resolution photographs of the lunar surface	1965
19650012028	Electromagnetic effects in the neighborhood of an artificial satellite or a spacecraft moving through the ionosphere or interplanetary space <ob elektromagnitnykh effekтах v okrestnosti dvizhushchegosya v ionosfere ili mezhplanetnoy srede iskusstven<	1965
19650012029	Experience gained in use of an electrostatic analyzer on board the 'kosmos-12' satellite <opyt primeneniya elektrostaticheskogo analizatora na sputnike 'kocmoc-12'<	1965
19650012030	Dynamics of discrete automatic control systems containing conservative or oscillatory elements <o dinamike avtomaticheskikh sistem diskretnogo upravleniya, soderzhashchikh konservativnyye ili kolebatel'nyye zven'ya<	1965
19650012031	A gyroscopic stabilization property of a controlled conservative mechanical system <ob odnom svoystve giroskopicheskoy stabiliziruyemosti upravlyayemoy konservativnoy mekhanicheskoy sistemy<	1965
19650012032	Solution of a problem in the control of the motion of nonlinear systems	1965
19650012033	The polymerization of acrolein and its derivatives <polimerizatsiya akroleina i yego proizvodnykh<	1965
19650012034	Investigation of the lower ionosphere by the impedance low-frequency radiosonde method <issledovaniye nizhney ionosfery metodom impedansnogo nizkochastotnogo radiozonda<	1965
19650012035	Horizontal propagation of velocity oscillations observed on the solar disk <propagation horizontale des oscillations de vitesse observees sur le disque solaire<	1965
19650012036	Analysis of a few sonograms obtained with the aid of satellites alouette 1 and injun 3 <essai d'interpretation de quelques sonogrammes obtenus a l'aide des satellites alouette 1 et injun 3.-<	1965
19650012037	Method for measuring the linear density of electrons and the diffusion coefficient with the aid of intermediate-type meteor radioechoes <metod izmereniya lineynoy plotnosti elektronov i koeffitsienta diffuzii s ispol'zovaniyem meteornykh radioekho p<	1965
19650012046	Investigation of the escape of charged particles from a plasma in a magnetic field <doslidzhennya vikhodu zaryadzhennykh chastinok z plazmi v magnitnomu poli<	1965
19650012047	Particle-like solutions taking into account gravitation <chastitsepodobnyye resheniya s uchetom gravitatsii<	1965
19650012048	The distribution of effective radiation throughout the ussr <raspredeleniye effektivnogo izlucheniya po territorii sssr<	1965
19650012124	Essay on the history of aviation medicine	1965
19650012135	Collected works of k. e. tsiolkovskiy. volume i- aerodynamics	1965
19650012368	Development of the Lunar and Solar Perturbations in the Motion of an Artificial Satellite	1965
19650012771	Development of high-temperature, high-current, alkali-metal, vapor-filled ceramic thyratrons and rectifiers quarterly progress report no. 3	1965
19650013018	Measurement of intensities in the vacuum spectral region <izmereniye intensivnostey v vakuumnoy oblasti spektra<	1965
19650013019	Stress analysis by the optical method <ob issledovanii napryazheniy opticheskim metodom<	1965
19650013020	Formation of melanoidines from chitin <obrazovaniye melanoidinov iz khitina<	1965
19650013021	On the pharmacological influence of the kidney function <uber die pharmakologische beeinflussung der nierenfunktion<	1965
19650013022	The vibration mechanism of a gaseous mixture combustion <mekhanizm vibratsionnogo rezhima goreniya gazovykh smesey<	1965
19650013023	Experimental application of an electrostatic analyzer aboard "cosmos-12" <opyt primeneniya elektrostaticheskogo analizatora na sputnike "kosmos-12"<	1965
19650013024	Loss of stability by rotational shells in torsion <poterya ustoychivosti obolochek vrashcheniya pri kruchenii<	1965
19650013025	To the theory of charged particle scattering by cosmic magnetic fields of simplest types <k teorii rasseyaniya zaryazhennykh chastits kosmicheskimi magnitnymi polyami prosteyshikh tipov<	1965
19650013049	On the origin of hard x-ray and radio emission during the solar flare of 21 september 1961 <o proiskhozhdenii zhestkogo rentgenovskogo izlucheniya i radioizlucheniya pri solnechnoy vspyshke 28 sentyabrya 1961<	1965
19650013262	Astronauts News Conference- Crew and Back-Up Pilots for Gemini 4 Mission News Release	1965
19650013367	Bibliographic index to literature on aerospace medicine and bioastronautics published in the ussr /1962 - 1964/ <bibliograficheskii ukazatel' literatury po aviakosmicheskoy meditsine i bioastronavtike, izdannoy v sssr /1962 - 1964/<	1965
19650013368	Terminology of the theory of relay devices	1965
19650013650	Fragmentation of meteor bodies <drobileniye meteornykh tel<	1965
19650013750	Experimental flow in two-dimensional cascades	1965
19650013898	<universities in the southern crescent and space-related programs< news release	1965
19650013987	Research in materials science and engineering annual report, 1964-1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650014060	A new algorithm for quadrature	1965
19650014071	Certain nonlinear laws of maneuvering a gliding winged spacecraft while withdrawing it from a circular orbit to a landing strip <o nekotorykh nelineynykh zakonakh upravleniya kosmicheskimi planiruyushehim krylatym apparatom pri vyvedenii s krugovoy o	1965
19650014072	Investigation of space vehicle motion in the atmosphere <issledovaniye dvizheniya kosmicheskikh apparatov v atmosfere<	1965
19650014073	Desorption in vacuum <la desorption sous vide<	1965
19650014074	Experimental study of evaporated batio3 films	1965
19650014075	The rayleigh-ritz method with hermitian interpolation polynomials <das verfahren von rayleigh-ritz mit hermiteschen interpolationspolynomen<	1965
19650014076	Problems of spacecraft control during descent in the atmosphere <problemy upravleniya kosmicheskimi letatel'nym apparatom pri snizhenii v atmosfere<	1965
19650014077	The effect of manual labor and perspiration on blood and tissue <uber die einwirkung der muskularbeit und des schwitzens auf blut und gewebe<	1965
19650014078	Continuous analysis in chemical process plants <kagaku koje ni okeru renzoku bunseki<	1965
19650014080	Thermodynamic functions of gas mixtures at high temperatures <termodinamicheskiye funktsii smesi gazov pri vysokikh temperaturakh<	1965
19650014081	Interaction of certain refractory carbides with zirconium dioxide <o vzaimodeystvii nekotorykh tugoplavkikh karbidov s dvoukis'yu tsirkoniya<	1965
19650014082	The effect of the chemical composition of circonium and niobium carbides in the homogeneity region on their electric and thermal properties <vliyaniye khimicheskogo sostava na electro-i teplofizicheskiye svoystva karbidov tsirkoniya i niobiya v oblas	1965
19650014083	Note on the calculation of resistance and flexure of solid structural parts with single and double curvature, with consideration of the various forces acting on the parts in all directions <memoire sur le calcul de la resistance et de la flexion des	1965
19650014084	Surface structure and properties of chromium needle crystals <poverkhnostnaya struktura i svoystva igol'chatykh kristallov khroma<	1965
19650014085	Influence of porosity on the mechanical properties of metal ceramic copper and cu-al alloy <vliyaniye poristosti na mekhanicheskiye svoystva metallokeramicheskoy medi i splava cu-al<	1965
19650014086	Control effects on the elastic blade of a helicopter rotor <efectul comenzii la palele elastic ale rotorului de elicopter<	1965
19650014114	Determination of certain thermodynamic parameters of substances by the similarity principle <opredeleniye nekotorykh termodinamicheskikh parametrov veshchestv s pomoshch'yu metoda podobiya<	1965
19650014115	Effect of hydrogen on the mechanical properties of titanium and ot4-1 alloy <vliyaniye vodoroda na mekhanicheskiye svoystva titana i splava ot4-1<	1965
19650014140	Solids mass spectrometer final report	1965
19650014192	The dependence of diuresis on the salt content and hydrogen ion concentration of drinking water <uber die abhangingkeit der diurese vom salzgehalt und der wasserstoffionenkonzentra- tion des getrunkenen wassers<	1965
19650014193	Analysis of optical-pyrometrical temperature measurements <auswertung optisch- pyrometrischer temperaturmessungen<	1965
19650014194	Behavior of an exhaust gas turbine in steady flow <verhalten einer abgasturbine bei stetiger stromung<	1965
19650014199	Problems of cosmogony, volume viii	1965
19650014242	The upper layers of the atmosphere <vysokiy sloi atmosfery<	1965
19650014416	Apollo logistics support systems molab studies. power system analog simulation for a mobile laboratory	1965
19650014418	Apollo program- mass properties standard	1965
19650014769	Problems of engineering psychology	1965
19650014770	The problem of determining the excitation forces in vibration testing <le probleme de l'appropriation des forces d'excitation dans l'essai de vibration<	1965
19650014784	Neutron cross sections for u238	1965
19650014958	Motion of a pendulum with strong damping on a vibrating base <o dvizhenii mayatnika s sil'nym dempfirovaniyem na vibriruyushchem osnovanii<	1965
19650015024	Space technology. volume i- spacecraft systems	1965
19650015025	Space technology. volume ii- spacecraft mechanical engineering	1965
19650015026	The theory of cross-modulation of radiowaves <k teorii krossmodulyatsii radiovoln<	1965
19650015173	Descriptions of observations of lunar volcanoes in the 18th and early 19th centuries <opisaniya nablyudenyi vulkanov na lune v xviii i nachale xix vv<	1965
19650015273	Analysis of ancillary equipment for solar- thermionic system. volume ii- technical background final report	1965
19650015398	A bibliography of experimental saturation properties of the cryogenic fluids	1965
19650015631	Orbiting Geophysical Observatory	1965
19650015667	Calculation of hydrogen atom cross sections final report, 15 may 1964 - 15 may 1965	1965
19650015670	Analysis of ancillary equipment for solar- thermionic system. volume ii- technical background, section 1 through 6 final report	1965
19650015772	Navigator study of electric propulsion for unmanned scientific missions. volume i- mission analysis	1965
19650016280	On the luminous efficiency of meteors	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650016821	Adhesion between atomically pure metallic surfaces, part iv semiannual report	1965
19650017028	Compilation of shock, vibration, and acoustic data from titan vehicles. volume ii- titan i acoustic and vibration data	1965
19650017040	Determining the velocity of an average-size condensate drop in a flow of saturated vapor <k opredeleniyu skorosti srednerazmernoy kapli kondensata v potoke nasyshchennogo para<	1965
19650017256	Theoretical and experimental studies of the total emittance of metals	1965
19650017258	Emissivity and Inter-Reflection Relationships for Infinite Parallel Specular Surfaces	1965
19650017381	Several trajectory optimization techniques. part ii- application	1965
19650017779	Dsif- tidbinilla	1965
19650017785	Trapped protons of the inner radiation belt	1965
19650018041	Flow in a conduit of an electrically conducting compressible fluid under the action of a nonuniform magnetic field <ecoulement en conduite d'un fluide compressible, conducteur de l'electricite sous l'action d'un champ magnetique non uniforme<	1965
19650018073	Apollo extension system payloads. simplified guidance and navigation system for lunar flying vehicle	1965
19650018074	A matrix method for the analysis of bending vibrations, based on the deformation technique <ein matrizenverfahren zur behandlung von biegeschwingungen nach der deformationsmethode<	1965
19650018075	On the variation of strength during movement <uber die veränderung der kraft während der bewegung<	1965
19650018076	Application of the direct reading emission spectrometer in process control <hakko bunko bunseki no process e no oyo<	1965
19650018077	Nonmagnetic time-of-flight mass spectrometer, its characteristics and applications	1965
19650018078	Ultramicroanalysis by means of the mattauch- herzog type mass spectrograph	1965
19650018079	Properties of composite materials, reinforced by trichite filaments /whiskers/ <les proprietes des materiaux composites renforces par les filaments de trichites /whiskers/<	1965
19650018080	The effect of alloying on the physicomechanical properties of niobium <vliyaniye legirovaniya na fiziko-mekhanicheskiye svoystva niobiya<	1965
19650018081	Interaction of refractory compounds with molten metals <vzaimodeystviye tugoplavkikh soyedineniy s rasplavlennymi metallami<	1965
19650018082	Anomalous plasma diffusion in ion cyclotron resonance <anomal'naya diffuziya plazmy v ionnom tsiklotronnom rezonanse<	1965
19650018083	Reconstitution of re-entry into the atmosphere of a missile, based on data measured in flight <reconstitution de la rentree dans l'atmosphere d'un missile a partir de mesures en vol<	1965
19650018084	Investigation of the chemical nature of humic acids /hydrolysis of humic acids and express methods for determining the functional groups/ <issledovaniye chimicheskoy prirody guminovykh kislot /gidroliz guminovykh kislot i uskorennyye metody opredelen	1965
19650018085	Relation of length of cardiac cycle phases and rate of pressure change in right and left ventricles <sootnosheniye dlitel'nosti faz serdechnogo tsikla i skorosti izmeneniya davleniya v pravom i levom zheludochkakh<	1965
19650018086	Monitoring the level of cosmic radiation during the flights of vostok-3, vostok-4, vostok-5 and vostok-6 <kontrol' za urovnem kosmicheskoy radiatsii vo vremya poleta kosmicheskikh korablye vostok-3, vostok-4, vostok-5 i vostok-6<	1965
19650018087	Geodetic junction of france and north africa by synchronized photographs taken from the echo i satellite <la jonction geodesique france afrique du nord par photographies synchrones du satellite echo i<	1965
19650018089	Amplification of the influence of external effects by a p-n junction <ob usilenii efekton vneshnikh vozdeystviy p-n-perekhodom<	1965
19650018099	Application of information theory to photographic systems <o primenenii teorii informatsii k fotograficheskim sistemam<	1965
19650018100	Electrostatic emission of electrons from silicon <elektrostaticheskaya emissiya elektronov iz kremniya<	1965
19650018101	The optical characteristics of absorbing media in the infrared region using the model of a resonator with viscous friction <predstavleniye opticheskikh kharakteristik pogloshchayushchikh sred v infrakrasnoy oblasti na osnove modeli rezonatora s v	1965
19650018102	Estimate of the decrease of the s field with altitude <estimation de la décroissance en altitude du champ s<	1965
19650018103	Cameras for photographing missiles in hypersonic flight <cameras pour photographie des projectiles en vol hypersonique<	1965
19650018104	Perturbation of the solutions of a second order differential equation with perturbation of the boundary <vozmushcheniye resheniy differentsial'nogo uravneniya vtorogo poryadka pri vozmushchenii granitsy<	1965
19650018105	Effect of nuclear radiation on the properties of refractory compounds <vliyaniye yadernykh izlucheniya na svoystva tugoplavkikh soyedineniy<	1965
19650018106	Analysis center of geophysical data of ionospheric research group <centre de depouillement de donnees geophysiques du groupe de recherches ionospheriques<	1965
19650018107	Establishment of the swiss association for space research <creation de l'association suisse pour les recherches spatiales<	1965
19650018109	Physiological and hygienic evaluation of the life support systems used on vostok and voskhod spacecraft <fiziologo-gigienicheskaya otsenka sistem zhiznennogo obespecheniya kosmicheskikh korablye "vostok i voskhod"<	1965

Accession Number (DocID)	Title	Publication Year
19650018110	Effects of the combined stresses of space flight on certain body functions <kombinirovannoye vozdeystviye faktorov kosmicheskogo poleta na nekotoryye funktsii organizma<	1965
19650018111	Some aspects of sensory activity as applied to problems in space physiology <nekotoryye voproy deyatel'nosti sensornykh sistem primenitel'no k zadacham kosmicheskoy fiziologii<	1965
19650018112	Effects on the organism of prolonged exposure /100 days/ to pure oxygen at a general pressure of 198 mm hg <vliyaniye na organizm dlitel'nogo prebyvaniya /100 sutok/ v atmosfere chistogo kisloroda pri obshchem davlenii 198 mm rt. st.<	1965
19650018113	Human reliability in spacecraft control systems <problemy nadezhnosti cheloveka v sistemakh upravleniya kosmicheskim korablem<	1965
19650018114	Radiation safety criteria for prolonged spaceflights <kriterii radiatsionnoy bezopasnosti dlitel'nykh kosmicheskikh poletov<	1965
19650018115	Certain new results on plasma confinement in a magnetic trap <nekotoryye novyye resul'taty po uderzhaniyu plazmy v magnitnoy lovushke<	1965
19650018116	Breakdown in narrow silicon p-n junctions <probov v uzkih kremniyevykh p-n-perekhodakh<	1965
19650018117	The generation of electrical oscillations in cadmium sulfide monocrystals <izsledvane vurkhu generatsii na elektrichii trepteniya v monokristali ot kadmiev sulfid<	1965
19650018118	Problem of the temperature dependence of the breakdown voltage in silicon p-n junctions <k voprosu o temperaturnoy zavisimosti probivnogo napryazheniya v kremniyevykh p-n-perekhodakh<	1965
19650018119	Influence of the edges of the tips on the motion of the wing with vibrations at super- sonic speed <vliyaniye kontsevykh kromok pri ovizhenii kryla s vibratsiyami so sverkhzvukovoy skorost'yu<	1965
19650018120	Measuring the spectrum of cloud droplets <ob izmerenii spektra oblachnykh kapel<	1965
19650018121	A random iteration process <sluchaynyy iteratsionnyy protsess<	1965
19650018122	Syntheses using acetylene /preliminary report/ <sintezy s pomoshch'yu atsetilena. predvaritel'noye soobshcheniye<	1965
19650018123	Transformation of amino-acyl-s-rna into dipeptidyl-s-rna by means of a water-soluble carbodiimide <prevrashcheniye aminoatsil-s- rnk v peptidil-s-rnk pri pomoschi vodorastvorimogo karbodiimida<	1965
19650018124	Excitation of sound waves in a eakly ionized plasma <pro zbudzhennya zvukovikh khil' v slabkoyonyzovanyy plazmy<	1965
19650018220	Space communications- theory and applications. volume 1- modulation and channels a bibliography	1965
19650018293	A Digital Program for Calculating Combined Aerodynamic Parameters - Subsonic and Supersonic	1965
19650018323	Cogent programming manual	1965
19650018731	The nature and scope of the nasa university program	1965
19650018938	Evaluation of some antimotion sickness drugs on the slow rotation room /no. 1/	1965
19650019026	Charts for equilibrium and frozen flows across plane shock waves in carbon dioxide	1965
19650019028	Cavitation damage of mechanical pump impellers operating in liquid metal space power loops	1965
19650019174	The normative electroencephalographic data reference library	1965
19650019314	The decomposition of a viscous fuel film in air <k raspadu plenki vyazkogo topliva v vozduke<	1965
19650019546	<experimental research on hemodynamic and related physiological functions in primates, and primate hemodynamics and metabolism in an orbiting satellite< semiannual status report, 1 aug. 1964 - 31 jan. 1965	1965
19650019995	Fuel requirements for attitude control of large orbiting apertures	1965
19650019998	Research on the motion of minor planets <recherches sur le mouvement des petites planetes<	1965
19650020022	Physiological effects of gravitation <fiziologicheskkiye efekty gravitatsii<	1965
19650020049	Proton magnetic resonance spectra of some proteins, i ribonuclease, oxidized ribonu- clease, lysozyme and cytochrome c	1965
19650020077	Electronic instrumentation for ionospheric and extreme ultraviolet radiation measurements final report	1965
19650020125	The effect of dietetic measures on the osmotic balance of the blood in normal persons, part 1 <uber den einfluss diatetischer mass- nahmen auf das osmotische gleichgewicht des blutes beim normalen menschen, 1 mitteilung<	1965
19650020126	Study of a method of local chemical and isotopic analysis using secondary ion	1965
19650020127	Investigation of carbonaceous meteorite matter by the microdiffraction of super high- speed electrons <issledovaniye uglerodistogo veshchestva meteoritov metodom mikrodifraksii sverkhbystrykh elektronov<	1965
19650020128	State of the art of the theory and analytical design methods for vortex pumps <sovremennoye sostoyaniye teorii i metodov rascheta vikhrevykh nasosov<	1965
19650020129	Modern vortex and centrifugal-vortex pump construction <sovremennyye konstruksii vikhrevykh i tsentrobezhno- vikhrevykh nasosov<	1965
19650020130	Certain advances in meteoritics <nekotoryye uspekhi meteoritiki<	1965
19650020131	Applying the technique of infrared photography to wall temperature measurements in rocket motors	1965
19650020132	Preparative methods for alloys using sulfur <o metodakh sinteza splavov i soyedineniy s uchastiyem sery<	1965
19650020133	Diffusion in the liquid-vapor critical region <diffuziya v kriticheskoy oblasti zhidkost'- par.<	1965
19650020134	Diffusion of sulfur in iron <k voprosu o diffuzii sery v zheleze<	1965
19650020135	Errors in temperate measurement on the surface of a solid body using a thermocouple when heating and cooling follow an arbitrary law <o pogreshnosti izmereniya temperatury na poverkhnosti treddogo tela s pomoshch'yu termopary pri nagrevanii i okhl	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650020136	Investigation of the radiolysis of ammonia adsorbed on solid surfaces by the electron paramagnetic resonance method <issledovaniye radioliza ammiaka adsorbirovannogo na tverdykh poverkhnostyakh metodom e.p.r.>	1965
19650020137	Spontaneous transition of sliding friction to rolling friction in the high-temperature testing of refractory carbides <spontanny perekhod treniya skol'zheniya v treniye kacheniya pri vysokotemperaturnykh ispytaniyakh tugoplavikh karbidov>	1965
19650020138	Dissociation kinetics of diatomic molecules in the absence of vibrational equilibrium <o kinetike raspada dvukhatomnykh molekul v otsutstviye kolebatel'nogo ravnovesiya>	1965
19650020139	Data processing systems in space biology <avtomaticheskii kontrol' i metody elektricheskikh izmereniy>	1965
19650020140	Protection from primary cosmic radiation and protons of the earth's inner radiation belt <zashchita ot peryichnogo kosmicheskogo izlucheniya i protonov vnutrennego radiatsionnogo poyasa zemli>	1965
19650020218	The nimbus i meteorological satellite - geophysical observations from a new perspective	1965
19650020239	In air turbulences	1965
19650020245	Space communications- theory and applications. vol. 2- coding and detection theory bibliography, 1958 - 1963	1965
19650020351	Technical and economic status of magnesium- lithium alloys	1965
19650020353	Synthesis of phosphonic polyesters by transesterification	1965
19650020750	Oceanographic satellite radar altimeter and wind sea sensor	1965
19650020928	Property investigation of copper base alloys at ambient and elevated temperatures	1965
19650021084	Pegasus	1965
19650021128	Certain problems in the theory of stability of motion in the whole	1965
19650021129	Coordination of man's voluntary movements under space flight conditions	1965
19650021175	Research and development in the field of physical determination of mass properties annual report, jun. 12, 1964 - jun. 12, 1965	1965
19650021221	Electro-optical matrix display final engineering report no. 480-a1, 1 may 1964 - 29 apr. 1965	1965
19650021350	Aerospace medicine and biology a continuing bibliography	1965
19650021351	Fundamentals of computer technology	1965
19650021411	Theoretical calculations of the bremsstrahlung cross section progress report, 15 jan. - 14 may 1965	1965
19650021412	Frequency stabilized gas lasers. phase i- study report	1965
19650021545	Pharmacology of the coronary circulation	1965
19650021774	Effects of ionizing radiation and of dynamic factors on the functions of the central nervous system - problems of space physiology	1965
19650022047	Stereoscopic filming of rapid processes by two independently operating moving picture cameras <stereoskopicheskaya s'yemka bystroprotekeyushchikh protsessov dvumya nezavisimo rabotayushchimi kinokamerami>	1965
19650022174	Survey of thermal properties of selected materials	1965
19650022275	Theoretical derivation of law of scintillation decay in the case of resonance quenching <o teoreticheskom vyvode zakona zatukhaniya lyuminestsentsii pri rezonansnom tushenii>	1965
19650022283	Preliminary study of the elastic orifice as a flow control device in gas-lubricated bearings interim report	1965
19650022574	Interaction of the diborides of titanium, zirconium, and hafnium with carbon <vzaimodeystviye diboridov titana, tsirkoniya i gafniya s uglerodom>	1965
19650022575	Laminar heat exchange in the inlet section of a rectangular channel <laminarnyy teploobmen v nachal'nom uchastke pryamougol'nogo kanala>	1965
19650022576	Heat conductivity of tungsten at high temperatures <teploprovodnost' vol'frama pri vysokikh temperaturakh>	1965
19650022577	Light modulation and its application to telecommunications	1965
19650022578	The thermodynamical theory of the relaxation phenomena and its connection with the theory of after-effects	1965
19650022579	Theory of quenching the fluorescence of solutions	1965
19650022584	Flow of a relaxing gas around a thin cone of revolution <obtekaniye tonkogo konusa vrashcheniya relaksiruyushchim gazom>	1965
19650022660	Quenching and changes in duration of luminescence in the sensitized phosphorescence of aromatic compounds <tusheniye i izmeneniye dlitel'nosti svecheniya pri sensibilizovannoy fosforestsentsii aromaticheskikh soyedineniy>	1965
19650022661	New observations of the red line of the sky at night in africa	1965
19650022662	Primary crystallization of minerals and structure of meteorite chondrules <pervichnaya kristallizatsiya mineralov i struktury meteoritnykh khondrov>	1965
19650022663	Paragenetic analysis of carbonaceous rocks with spurrite-merwinite facies <parageneticheskiy analiz karbonatnykh porod spurrit- mervinitovoy fatsii>	1965
19650022664	On the earth-moon route - a biological evaluation of radiation in space flights <na trasse zemlya-luna - biologicheskaya otsenka radiatsionnoy opasnosti kosmicheskikh poletov>	1965
19650022665	Desorption of barium oxide molecules from tungsten in a strong electric field <desorptsiya molekul okisu bariyu z vol'framu v sil'nomu yelektrichnomu poli>	1965
19650022666	New data on nonstoichiometric alumina - isothermal variation of the electrical conductivity as a function of oxygen pressure <date noi in legatura cu aluminele nestoehiometrice. variatia izoterma a conductibilitatii electrice cu presiunea de	1965

Accession Number (DocID)	Title	Publication Year
19650022667	The effect of initial discharge on the development of a submerged nonisothermal round jet in a noncompressible fluid <vliyaniye nachal'nogo raskhoda na razvitiye zatoplennoy neizotermicheskoy krugloy strui v neszhimayemoy zhidkosti<	1965
19650022668	Statistical theory of the critical point <k statisticheskoy teorii kriticheskoy tochki<	1965
19650022669	Effect of tangential forces of inertia on the frequency of free oscillations in a thin cylindrical shell <o vliyaniitangent- sial'nykh sil inertsii na velichinu chastoty svobodnykh kolebaniy tonkoy tsilindrcheskoy obolochki<	1965
19650022670	The effect of the condition of the surface layers on the characteristics of the refrac- tory alloys ei 437 and ei 617 <vliy stavu povrchovyech vrstev na vlastnosti zarupevnykh slitin ei 437 a ei 617<	1965
19650022671	Deliberations on oscillating strings <meditationes de chordis vibrantibus<	1965
19650022672	Space research in argentina <la investigacion espacial en la argentina<	1965
19650022673	Some possibilities of determining wind velo- city over the ocean surface by satellite observations <o nekotorykh vozmozhnostyakh opredeleniya skorosti vetra nad okeanicheskoy poverkhnost'yu po nablyudeniyam iskusstvennykh sputnikov zemli<	1965
19650022674	Self-similar problems of propagation of tangential rupture cracks <avtomodel'nyye zadachi o rasprostraneniitreshchin kasatel'nogo razryva<	1965
19650022675	Some principles for allocating the radio- frequency spectrum and formulating plans for various radio services	1965
19650022816	Numerical Integration over a Family of Ellipses Using a Second-Sum Multi-Step Integrator Employing High-Order Backward Differences	1965
19650022835	Arc-Imaging Furnace Ignition Test Facility	1965
19650023124	Rocket flight engineering	1965
19650023125	The nature of a weak chromospheric flare <o prirode slaboy khromosfernoy vspyshki<	1965
19650023126	Solution of systems of nonlinear equations by the method of differentiation with respect to a parameter <k resheniyu sistem nelineynykh uravneniy metodom differentsirovaniya po parametru<	1965
19650023127	The problem of the convergence of the method of integral ratios <k voprosu o skhodimosti metoda integral'nykh sootnosheniy<	1965
19650023128	Effect of the thermodynamic properties of the working medium on the choice of optimum parameters for a gas turbine <vliyaniye termodinamicheskikh svoystv rabocheho tela na vybor optimal'nykh parametrov gazovoy turbiny<	1965
19650023150	Thermodynamic analysis of conditions governing the formation of ore minerals in the pre-cambrian period of iron- ore formation <termodinamicheskii analizusloviy obrazovaniya rudnykh mineralov pri metamorfizme dokembriyskoy zhelezorudnoy formatsii<	1965
19650023151	An unequaled scientific experiment in space <besprimernyy nauchnyy eksperiment v kosmose<	1965
19650023152	A theory for probe measurements of electrical conductivity of semiconductor films <o teorii zondovykh izmereniy elektroprovodimosti poluprovodnikovyykh plenok<	1965
19650023153	The use of interference currents in the combined exclusion of pain in surgical operations <die verwendung von interferenz- stro men in der kombinierten schmerzausschal- tung bei chirurgischen operationen<	1965
19650023273	Aerial mission for the study of the aurora and of the sky at night in the region of high latitudes	1965
19650023274	Aircraft structural tests <essais de struc- tures avions<	1965
19650023275	Abstracts of five biomedical papers on results of soviet manned space flights	1965
19650023278	Attitude stabilization of satellites by means of the free reaction sphere <lagestabili- sierung von satelliten mit der reaktions- schwongkugel<	1965
19650023355	Sensitized phosphorescence of organic molecules at low temperature	1965
19650023356	Automatic control of guided missiles	1965
19650023365	The problem of active longitudes on the sun <k voprosu ob aktivnykh dolgotakh na solntse<	1965
19650023366	The nature and localization of chromospheric flares <k voprosu o prirode i lokalizatsii khromosfernykh vspyshek<	1965
19650023367	On the dissolution of zinc in alkalis <o rastvorenii tsinka v shchelochakh<	1965
19650023368	The relationship between photospheric and chromospheric processes in the active region during flares <o svyazi fotosfernykh i khromosfernykh protsessov v aktivnoy oblasti vo vremya vspyshek<	1965
19650023369	Expansion of polynomials in bessel operators <razlozheniye mnogochlena ot operatorov besselya<	1965
19650023370	Magnetic field of sunspots, part ii <magnitnoye pole solnechnykh pyaten. ii<	1965
19650023371	Extension of the chapman-ensskog method to gas mixtures with internal degrees of freedom and chemical reactions <rasprostraneniye metoda chepmena-enskoga na smesi gasov s vnutrennimi stepenyami svobody i khimicheskimi ireadtsiyami<	1965
19650023372	Desoxyribonucleic acid composition and certain problems in the evolution of photosynthesizing bacteria <sostav dnk i nekotoryye voprosy evolyutsii fotosinteziruyushchikh bakteriy<	1965
19650023373	Collected works of k. e. tsiolkovskiy. volume ii- reactive flying machines	1965
19650023464	Determination of the glass transition tempera- ture of a plastic material from the variations in pendular hardness <determination de la temperature de transition vitreuse d'une matiere plastique, par les variations de sa durete pendulaire<	1965
19650023660	Cerebral rheography and its diagnostic possibilities in clinical practice	1965
19650023762	Numerical solution of an integral equation on the theory of light scattering in the atmosphere <rezul'taty chislennogo resheniya integral'nogo uravneniya teorii rasseyaniya sveta v atmosfere<	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650023763	The application of mathematical methods in aviation and space medicine, conference, moscow, february 25-26, 1965 summary of reports	1965
19650023764	Metal-forming techniques	1965
19650023849	Manned Space Flight: Project Apollo	1965
19650023960	Nimbus High Resolution Infrared Measurements	1965
19650024199	Radiation processes in stratus clouds	1965
19650024200	Results of some medical investigations on the spacecraft voskhod and voskhod 2 <rezul'taty nekotorykh meditsinskikh issleovaniy na kosmicheskikh korablyakh "voskhod" i "voskhod-2">	1965
19650024201	Method of autonomous guidance during flights in near-planet orbits <metod avtonomnoy navigatsii pri poletakh po okoloplanetnym orbitam>	1965
19650024202	Methods of investigating the dynamics of rocket carriers and space vehicles <metody issledovaniya dinamiki raket-nositeley i kosmicheskikh apparatov>	1965
19650024203	Nonlinear problems of stress concentration near holes in plates <nelineynyye zadachi kontsentratsii napryazheniy okolo otverstiy v plastinakh>	1965
19650024204	Recent development and perspectives of communications satellites <evolution recente et perspectives des satellites de telecommuni- cations>	1965
19650024205	Possible cardiac behavior in the absence of gravity	1965
19650024206	Preparation of ti, zr, nb, and ta solid solu- tions with hf carbide, and a study of their physical properties <polucheniye i issledovaniye fizicheskikh svoystv tverdykh rastvorov karbidov ti, zr, nb, ta s karbidom hf>	1965
19650024208	A method of studying the aorta by determining the speed of propagation of pulse waves <k metodike issledovaniya aorty opredeleniyem skorosti rasprostraneniya pul'sovoy volny>	1965
19650024209	Report on certain aspects of space environment simulation <expose de synthese sur certains aspects de la simulation de l'environnement spatial>	1965
19650024210	Recent advances in ceramic materials appli- cable in space technology <recents progres dans les materiaux ceramiques utilisables en technologie spatiale>	1965
19650024211	Measurements of low energy particle fluxes on satellites "cosmos" and "electron" <izmereniya potokov chastits malykh energiy na sputnikakh "kosmos" i "elektron">	1965
19650024212	Measurements of low energy protons on the satellite "cosmos-41" <izmereniya nizkoenergichnykh protonov na sputnike "kosmos-41">	1965
19650024213	Optimum energy flights taking into account the effect of light pressure <energeticheski optimal'nyye polety s uchedom vliyaniya sveto- vogo davleniya>	1965
19650024214	Hypersonic nonviscous radiant gas flow past a cone <obtekaniye konusa giperzvukovym potokom nevyazkogo isluchayushchego gaza>	1965
19650024215	Rendezvous problem of space vehicle with orbital station <nekotoryye voprosy sblizhe- niya s orbital'noy stantsiy>	1965
19650024216	New data on solar activity and its influence on the earth <novvye dannyye o slonechnoy aktivnosti i yeye vliyaniye na zemlu>	1965
19650024217	Radioastronomical investigations and iono- sphere of venus <radioastronomicheskiye issledovaniya i ionosfera venery>	1965
19650024218	Radar observations of venus in the soviet union in 1964 <radiolokatsionnyye nablyude- niya venery v sovetskom soyuze v 1964 g.>	1965
19650024219	Magnetic bremsstrahlung in a variable field as the mechanism behind the changing radiance of quasistellar radio sources <magnitotormoznoye izlucheniye v peremennom pole kak mekhanizm menyayushcheysya svetimosti kvazizvezdnykh radioistochnikov>	1965
19650024220	Radiation belts and cosmic rays <radiatsion- nyye poyasa i kosmicheskkiye luchy>	1965
19650024221	On the stability of equilibrium states of the non-holonomic systems <ob ustoychivosti sostoyaniy ravnovesiya negolomnykh sistem>	1965
19650024222	Rough sketch of a new theory of continents' formation <ebauche d'une theorie de la formation des continents>	1965
19650024223	Measurement by gamma-spectrometry of the radioactivity of the granes meteorite fallen on 13 november 1964 <la radioactivite de la meteorite granes /chute du 13 novembre 1964/ mesuree par spectrometrie gamma>	1965
19650024232	Spectral, electrophotometrical, and radar researches of aurorae and airglow <spektral'nyye, elektrofoto- metricheskkiye i radiolokatsionnyye issledovaniya polyarnykh siyaniy i svecheniya nochnogo neba>	1965
19650024245	On an instability linked with the appearance of the equatorial sporadic e-layer <sur une instabilite liee a l'apparition de la couche e sporadique equatoriale>	1965
19650024246	Investigation of solar plasma fluxes on the interplanetary station "zond-2" <issledo- vaniya potokov solnechnoy plazmy na mezhplanetnoy stantsii zond-2>	1965
19650024247	Ranger vii photographs of the moon. part iii- camera "p" series	1965
19650024349	Aviation medicine	1965
19650024350	Synthetic electrocardiology	1965
19650024351	Application of high-speed computers to the solution of the restricted three-body problem by the hill-brown method. part i- calcula- tion of the right-hand sides of the equations in inhomogeneous form	1965
19650024352	Variational principles in the collision theory	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650024353	Temperature measurements with thermocouples in combustion gases <temperaturmessungen mit thermoelementen in verbrennungsgasen<	1965
19650024354	Space study in the soviet union <issledo- vaniye kosmicheskogo prostranstva v sssr<	1965
19650024355	An analysis of flight trajectories to the moon, mars and venus <analiz trayektoriy poleta k lune, marsu i venere<	1965
19650024356	Survey of the numerical solution techniques for variational problems in the dynamics of flight <obzor metodov chislennogo resheniya variatsionnykh zadach dinamiki poleta<	1965
19650024357	Some problems in ecological physiology	1965
19650024358	Basic operating limits on communication links with spacecraft	1965
19650024359	Self-similar motion of fluid under the action of surface tension	1965
19650024360	Additional energy losses in cooled gas-turbine powerplants and their influence on specific cycle parameters <dopolnitel'nyye poteri energii v okhlazhdayemykh gtu i ikh vliyaniye na udel'nyye parametry tsikla<	1965
19650024361	Study of the elongation of horns of the venus crescent in june 1964 <etude de l'allongement des cornes du croissant de venus en juin 1964<	1965
19650024362	Tentative estimate of the threshold response of a television system from stellar observations <opyt otsenki porogovoy chuvstvitel'nosti televizionnoy sistemy po nablyudeniyam zvezd<	1965
19650024363	Attitude restoration of a missile with the aid of three magnetometers and an emitting electric dipole <restitution de l attitude d un engin a l aide trois magnetometres et d un dipole emetteur<	1965
19650024364	Alteration of lunar soil's polarizing properties by the action of solar protons <l'alteration des proprietes polarimetriques du sol lunaire par l' action de protons solaires<	1965
19650024400	Medical and biological applications of space telemetry technology utilization report	1965
19650024615	Ranger photometric calibration	1965
19650024625	Elastic orifices for gas bearings technology utilization report	1965
19650024633	Electron probe microanalyzer- study of the fluorescence excited by continuous radiation <microanalyseur a sonde electronique- etude de la correction de fluorescence due a spectre continu<	1965
19650024635	Detection of radio emission of the excited hydrogen line in the ngc 6618 /omega/ nebula <obnaruzheniye v tumannosti ngc 6618 /omega/ radioizlucheniya linii vzbuzhdennogo vodoroda<	1965
19650024774	Atmospheric turbulence <atmosfernaya turbu- lentnost'<	1965
19650024791	Experimental investigation of the fundamental modes of a collisionless plasma annual summary report, 10 mar. 1964 - 31 mar. 1965	1965
19650024873	Short-period pulsations of the earth's electromagnetic field collection of articles	1965
19650024906	Normal duration of the electric systole in man	1965
19650024907	Energy exchange in the collision of particles with a solid wall	1965
19650024908	Theory of short wave radiation fluxes in the real atmosphere <teoriya spektral'nykh potokov korotkovolnovoy radiatsii v real'noy atmosfere<	1965
19650025045	The Stability of the Compressible Laminar Boundary Layer According to a Direct Numerical Solution	1965
19650025308	Plasma jet technology	1965
19650025472	The effect of pressure on the mass transfer between magmatic melt and water of the external medium <vliyaniye davleniya na massoobmen mezhdru magmaticheskimi rasplavami i vodoy vneshney sredy<	1965
19650025473	Cosmic dust- recent research at the french atomic energy commission <les poussieres cosmiques- recherches recent au c.e.a.<	1965
19650025792	Ground station committee, cape kennedy, 1-2 december 1964	1965
19650025793	Handling Hazardous Materials: Technology Survey	1965
19650025803	Lateral directional stability characteristics at mach 2.3 to 3.5 of a supersonic transport model with various outboard vertical-tail locations	1965
19650025903	Apollo range instrumented aircraft	1965
19650025922	Supersonic aerodynamic characteristics of a 1/6-scale model of the final two stages of the argo d-4 four-stage rocket vehicle	1965
19650025923	The problem of establishing tolerable doses of ionizing radiation for crew members of spacecrafts	1965
19650025980	Pre-sunrise changes in vlf radio waves ionospherically reflected near vertical incidence	1965
19650025982	Navigation by artificial earth satellites <navigationsverfahren mit hilfe kunstlicher erdsatelliten<	1965
19650026176	Dielectric properties of a heterogeneous plasma <dielektricheskive svoystva neodnorodnoy plazmy<	1965
19650026178	Free organic radicals in the mighei and nogoya meteorites <radicaux libres organiques dans les meteorites mighei et nogoya<	1965
19650026179	The drinking stimulus and rate of water passage from the stomach to the intestine <pit'yevoye vzbuzhdeniye i skorost' perekhoda vody iz zheludka v kishchnik<	1965
19650026180	Scattering of sound in turbulent flow <uber die schallstreuung in der turbulenten stromung<	1965
19650026181	A device for recording pressure, pulse volume, and mechanogram on the mpo-2 oscillograph <pristavka dlya zapisi davleniya, ob'yemnogo pul'sa i mekhanogramm na ostsillografe mpo-2<	1965
19650026182	The problem of collecting diagnostic information under space-flight conditions as one of the trends in medical cybernetics <problema sbora diagnosticheskoy informatsii v usloviyakh kosmicheskogo poleta kak odno iz napravleniy meditsivskoy kibernet	1965
19650026183	Theoretical problems of constructing artificial ecological systems <nekotoryye teoreticheskiye voprosy postroyeniya iskusstvennykh ekologicheskikh sistem<	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650026184	Results of certain electro-physiological investigations on the "voskhod" spacecraft <rezul'taty nekotorykh elektrofiziologicheskikh issledovaniy na korabli 'voskhod'>	1965
19650026185	Certain results of physiological and ecological investigations of the chlorella culture as a link in a closed ecological system <nekotoryye itogi fiziologo-ekologicheskogo issledovaniya kul'tury khlorelly kak zvena zakrytoy ekologicheskoy sistemy>	1965
19650026186	Contact interaction of metal-like carbides, nitrides and borides with refractory metals at high temperatures <kontaktnoye vzaimodeystviye metallopodobnykh karbidov, nitridov, i boridov s tugoplavkimi metallami pri vysokikh temperaturakh>	1965
19650026188	Occurrence of gas hydrates in the cometary nuclei <occurrence des hydrates de gaz dans les noyaux cometaires>	1965
19650026189	On the generalization of rice formulas and their application for the determination of spectral densities <sur une generalisation des formules de rice et leur application a la determination des densites spectrales>	1965
19650026190	Bringing to light a diurnal variation of the energy spectrum of auroral x-rays <mise en evidence d'une variation diurne du spectre d'energie des rayons x d'origine aurorale>	1965
19650026227	An original problem in aerospace biology- the effect of mechanical vibrations at the cellular level <un probleme original en biologie aerospaciale- l'action des vibrations mecaniques au niveau cellulaire>	1965
19650026364	Collected works of k. e. tsiolkovskiy. volume iii- dirigibles	1965
19650026365	The flow of gas in channels in the presence of heat transfer	1965
19650026366	Fundamentals of the analytical mechanics of shells	1965
19650026380	On the intensity and polarization of forbidden lines of the ion fe xiii in the solar corona <sur l'intensite de la polarisation des raies interdites de l'ion fe xiii dans la couronne solaire>	1965
19650026381	Ionospheric disturbances with sudden commencement and the type-iv chromospheric emissions <les perturbations ionospheriques a debut brusque et les emissions chromospheriques /type iv/>	1965
19650026382	Relativistic transformation of the temperature and of certain other thermodynamic quantities <transformation relativiste de la temperature et de quelques autres grandeurs thermodynamiques>	1965
19650026406	Published papers on problems on the borders of theoretical electrical engineering and mathematics	1965
19650026438	Variations of cosmic rays and solar corpuscular streams- collection of articles <variatsii kosmicheskikh luchey i solnechnyye korpuskulyarnyye potoki. sbornik statey>	1965
19650026751	Considerations around so-called cosmological problems	1965
19650027149	Satellite observations conducted by the stade tracking station	1965
19650027150	Normal standards of the sphygmogram and the pulse wave velocity in peripheral blood vessels <normal'nyye standarty sfigmogrammy i skorost' rasprostraneniya pul'sovoy volny v perifericheskikh sosudakh>	1965
19650027151	Problems in evaluating the physical fitness of cosmonauts /based on materials of the voskhod-1 and 2 flights/ <voprosy otsenki rabotosposobnosti kosmonavtov /po materialam poletov voskhod-1 i 2/>	1965
19650027152	Problem concerning disturbances of the local blood circulation in man under the influence of prolonged transverse accelerations <k voprosu o narusheniyakh regionalnogo krovoobrazheniya u cheloveka pri dlitel'no deystvii vuyuschikh poperechno napra>	1965
19650027153	Evaluation of radiation conditions on the lunar surface <otsenka radiatsionnoy obstanovki na poverkhnosti luny>	1965
19650027154	Problem of normalizing life-support noises in spacecraft cabins during prolonged flights <k probleme normirovaniya shumov v kabinakh kosmicheskikh korabley pri dlitel'nykh poletakh>	1965
19650027156	Device for converting the ionizing energy, emerging from a nuclear reactor, into electricity <sur un dispositif de conversion, en electricite, de l'energie ionisante issue d'un reacteur nucleaire>	1965
19650027157	Rapid method of calculating the high-temperature heat capacity of solid inorganic compounds <uskorennyy method rascheta vysokotemperaturnykh teployemkostey tverdykh neorganicheskikh soyedineniy>	1965
19650027158	Cerebral anemia and congestion, mechanically produced in animals by vertical position or by gyratory motion <de l'anemie et de la congestion cerebrales provoquees mecaniquement chez les animaux, par l'attitude verticale ou par un mouvement giratoire>	1965
19650027159	Preparation and use of niobium carbide articles <izgotovleniye i primeneniye izdeliy iz karbida niobiya>	1965
19650027160	Discharge coefficient of swirl injectors <o koeffitsiyente raskhoda tsentrobezhnykh forsunok>	1965
19650027161	Quasilinear theory of plasma oscillations <kvazilineynaya teoriya kolebaniy plazmy>	1965
19650027274	Works on rocket technology	1965
19650027294	Electrical morpheus <elektricni morfej>	1965
19650031918	A Stress Corrosion Test for Structural Sheet Materials.	1965
19650031991	Interplanetary Flight with Electric Propulsion.	1965
19650032347	Models of Uranus and Neptune.	1965
19650033378	Measurements of Radiative Heating on Sharp Cones.	1965
19650033399	Some Recent Data on Stagnation-Point Convective Heat Transfer in Partially Ionized Air.	1965
19650033405	Shock Standoff Distance for Equilibrium Flow Around Hemispheres Obtained from Numerical Calculations.	1965
19650033889	Vj - 101 c supersonic vtol program.	1965
19650034021	The Magnetohydrodynamic Wake of the Moon.	1965
19650034033	The Effect of a Variable Electron Temperature on the Equatorial Electron Density Distribution in the Upper Ionosphere.	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650034248	Determination of Launch-Vehicle Response to Detailed Wind Profiles.	1965
19650034279	High-Temperature, Cobalt-Tungsten Alloys for Aerospace Applications.	1965
19650034281	Further Investigation of a Relation for Cumulative Fatigue Damage in Bending.	1965
19650034285	Defining mars' atmosphere - a goal for the early missions.	1965
19650034425	Dipole Resonances in a Homogeneous Plasma in a Magnetic Field.	1965
19650034898	A System to Vary the Stability and Control of a Deflected-Jet, Fixed-Wing VTOL Aircraft.	1965
19650034942	Electron density measurements in the magnetically confined arc.	1965
19650035518	Coesite Discovered in Tektites.	1965
19650035617	Graphitization of Organic Material in a Progressively Metamorphosed Precambrian Iron Formation.	1965
19650035698	Heat Transfer and Air Flow in a Transverse Rectangular Notch.	1965
19650036257	Magnetic Compression of Collision-Free Plasmas with Charge Separation.	1965
19650036798	Thermal Sterilization of Spacecraft Structures	1965
19650037339	The Solar Energy Spectrum.	1965
19650037754	Latitudinal and Seasonal Variations in the Night Airglow.	1965
19650037872	Correlation of Two-Dimensional and Axisymmetric Boundary-Layer Flows for Purely Viscous Nonnewtonian Fluids.	1965
19650037877	Dynamic Response of a Nonlinear Membrane in Supersonic Flow.	1965
19650037878	Flow Field for Sonic Jet Exhausting Counter to a Hypersonic Mainstream.	1965
19650037879	Wing Sweep and Blunting Effects on Delta Planforms at M Equal 20.	1965
19650037899	Buckling of a Cylindrical Shell Loaded by a Pretensioned Filament Winding	1965
19650038187	Laminar Slip Flow of an Electrically Conducting Incompressible Rarefied Gas in a Channel with a Transverse Magnetic Field.	1965
19650038269	Large Post-Saturn Launch Vehicles - Why? When? What?	1965
19650038272	Deployment of Parawings for Use as Recovery Systems.	1965
19650038422	Problem of Steady-State Shear-Flow Turbulence.	1965
19650038586	Self-Induced Balloon Motions.	1965
19650038658	Effects of Tread Wear on the Wet Runway Braking Effectiveness of Aircraft Tires.	1965
19650038721	Heat-Transfer Analysis of Rocket Nozzles Using Very High Temperature Propellants.	1965
19650039020	Turbulent Temperature Fluctuations and Two- Dimensional Heat Transfer in a Uniform Shear Flow.	1965
19650039043	Dynamical Behaviour of Magnetosphere Boundary Following Impact by Discontinuity in the Solar Wind.	1965
19650039119	Synthesis of Meteoroid Distributions from Monoenergetic Monodirectional Kernels.	1965
19650039145	Temperature Profile in the Entrance Region of an Annular Passage Considering the Effects of Turbulent Convection and Radiation.	1965
19650039238	Silane Polymers of Diols.	1965
19650039239	Anomalous Thermoluminescent Kinetics of Irradiated Alkali Halides.	1965
19650039244	Conditions Affecting the Early Thymineless Death Occurring After Ultraviolet Irradiation of Escherichia Coli B3.	1965
19650039445	A Novel Moon and Planet Seeking Attitude Sensor for Use in Spacecraft Orientation and Control.	1965
19650039448	Automatic Checkout Systems for Stages of the Saturn V Manned Space Vehicle.	1965
19650039450	Reentry Communications Research at Langley Research Center.	1965
19650039514	Experimental Studies on Bowen's Decarbonation. Series III - P-T Univariate Equilibrium of the Reciprocal Reaction - Spurrite plus Monticellite Equal Merwinite plus Calcite and Analysis of Assemblages Found at Crestmore, California.	1965
19650040086	Influence of Crystal Structure on Friction Characteristics of Rare-Earth and Related Metals in Vacuum to 10 Super Minus 10 mm of Mercury.	1965
19650040317	Reply by Authors to C. L. Arne.	1965
19650040712	Metabolic Alterations in Rats Exposed to Acute Acceleration Stress.	1965
19650040713	Approximate Formulas for the Viscosity and Thermal Conductivity of Gas Mixtures. II.	1965
19650040751	Study of Collision Effects Between the Constituents of a Mixture of Helium and Nitrogen Gases When Excited by a 10-keV Electron Beam.	1965
19650041136	Survival of micro-organisms in space.	1965
19650041373	Validity of Flight Blood Pressure Data.	1965
19650041720	Progress on the Launch-Vehicle Buffeting Problem.	1965
19650041743	Tolerance to Vehicle Rotation of Subjects Using Turning and Nodding Motion of the Head While Performing Simple Tasks.	1965
19650042016	Optical Measurement of Switch Jitter.	1965
19650042018	Vibration Damper for Vacuum Lines.	1965
19650042298	Rocket Measurements of the Geomagnetic Field Above Woomera, South Australia.	1965
19650042628	A Laser Grating Interferometer.	1965
19650042663	Observations of Anomalous Mechanical Resonances in Sodium Chloride.	1965
19650043206	Nucleotide Synthesis Under Possible Primitive Earth Conditions.	1965
19650043253	Supersonic Flow past Pointed Bodies.	1965
19650043256	Experiments with a Coaxial Hall Current Plasma Accelerator.	1965
19650043257	Research on a Linear Direct-Current Plasma Accelerator.	1965
19650043304	Recent Developments in Pressure Altimetry	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650043569	New Cellulose Derivatives for the Isolation of Biologically Active Molecules.	1965
19650043581	Detection of micro-organisms in soil by their catalatic activity.	1965
19650043871	Vacancy Formation in Gold Under High Pressure.	1965
19650045224	Fatigue - a Complex Subject - Some Simple Approximations.	1965
19650045539	Exploratory Hypersonic Boundary-Layer Transition Studies.	1965
19650046148	Ion Propulsion Systems for Spacecraft.	1965
19650046171	An Improved Technique for Obtaining Quantitative Aerodynamic Heat-Transfer Data with Surface Coating Materials.	1965
19650047503	Design requirements for the sterilization containers of planetary landers.	1965
19650047613	Electron Microprobe Study of the Jajh Deh Kot Lalu Enstatite Chondrite.	1965
19650047971	Procedures Necessary for the Prevention of Planetary Contamination	1965
19650047972	Response of Microorganisms to a Simulated Martian Environment	1965
19650047977	Gulliver and Diogenes - Exobiological Antitheses	1965
19650048067	Fracture Toughness Testing Methods.	1965
19650048644	The chemical origin of life.	1965
19650049010	Rolling-Contact Studies with Four Refractory Materials to 2000 F.	1965
19650050431	The Solar Constant and Spectral Distribution of Solar Radiant Flux.	1965
19650050700	Some Chemical Aspects of Upper-Atmosphere Research.	1965
19650050824	Sequence of Events in the Early Phase of the Solar System.	1965
19650050996	Viscosity X Normal Density of Liquid Helium in a Temperature Interval About the Lambda Point.	1965
19650050997	Enhanced Oxidation of Platinum in Activated Oxygen. II - Identity of Active Species and Oxide Formed.	1965
19650050998	Factors Affecting Fatty Acid Synthesis in Cell- Free Preparations from Saccharomyces Cerevisiae.	1965
19650051624	An Experimental Study of the Pool Heating of Liquid Hydrogen in the Subcritical and Supercritical Pressure Regimes over a Range of Accelerations.	1965
19650051761	Identification of elementary sulfur and sulfur compounds in lipid extracts by thin-layer chromatography.	1965
19650051914	On the Analysis of the Dislocation Relaxation in Metals.	1965
19650052434	Space Photography - A Review.	1965
19650054871	Effects of Gust-Induced and Maneuvering Acceleration Stress on Pilot-Vehicle Performance.	1965
19650055375	Survival of micro-organisms in space.	1965
19650055436	Risk and Responsibility as Factors Affecting Heart Rate in Test Pilots- the Flight Research Program-II.	1965
19650055616	Some effects of hypoxia on respiratory metabolism and protein synthesis in rat tissues.	1965
19650055618	Effects of altitude acclimatization on bone and marrow volume in dog.	1965
19650056134	Relation between the changes of the electrical activity of the forearm muscles and the acral vasomotoric reaction elicited by a deep inspiration <k otazke vztahu medzi zmenami elektrickej aktivity svalov predlaktia a akrálnou vazomotorickou reakciou	1965
19650056230	New data concerning the influence of ethyl alcohol on human visual thresholds.	1965
19650056355	The effect of the duration of bedrest and of the stress of exercise on the electrodermatogram in the normal individual and in patients with circulatory disturbances <einfluss der liegezeit und arbeitsbelastung auf das elektrodermatogramm bei normalen	1965
19650057644	Special purpose analysis techniques quarterly report, apr. 5 - jul. 4, 1964	1965
19650057718	Wind-tunnel heating rates for the apollo spacecraft	1965
19650057892	Evaluation of an infrared vidicon airborne reconnaissance system	1965
19650057898	Passive ranging in space	1965
19650057970	Supersonic Investigation of the Static Stability, Performance, and Control of a Variable-sweep Tactical Fighter Model, Phase I	1965
19650057971	Supersonic Investigation of the Static Stability, Performance, and Control of a Variable-sweep Tactical Fighter Model, Phase 2	1965
19650057986	Applications of electrostatic measurement techniques <uber die anwendung elektrostatischer messverfahren<	1965
19650057993	Electrode drops and arc gradients in high pressure discharges, especially for xenon arcs <elektrodenfalle und bogengradienten in hochdruckentladungen, insbesondere bei xenon<	1965
19650058166	The helium-burning phase and cepheid stages of a star of 7.0 solar masses <die helim- brennende phase und die cepheidenstadien eines sterns von 7.0 sonnenmassen<	1965
19650058167	A contribution to the theory of the origin of planetary systems	1965
19650058177	Synergistic effect of zero-g and radiation on white blood cells - an experiment for gemini manned space flight annual report, period ending jun. 30, 1964	1965
19650058346	Advanced functional electronic block develop- ment technical report, sep. 1962 - sep. 1964	1965
19650058354	F-105f limited category ii performance and stability tests	1965
19650058360	<the molecular beam-mass spectrometer apparatus for study of refractory metal-air reactions< quarterly report, 1 oct. 1964 - 1 jan. 1965	1965
19650058377	Motion of artificial satellites. determination based on exact solutions of the problem of two fixed centers <mouvement des satellites artificiels. calcul a partir des solutions exactes du probleme des deux centres fixes<	1965
19650058381	Convergence factor for a vlf wave propagating between the earth and the ionosphere <coefficient de convergence pour une onde de tres basse frequence se propageant entre terre et ionosphere<	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650058417	C-130e performance at emergency-wartime-use- only gross weights	1965
19650058482	Coherent light transmitter techniques final report, 5 aug. 1963 - 5 oct. 1964	1965
19650058496	Exploration and evaluation of new glasses in fiber form bimonthly progress report no. 6, 1 nov. - 31 dec. 1964	1965
19650058525	Study of electrical propulsion in space executive summary report	1965
19650058562	Magnetorotation of ruby laser light for determination of plasma electron density	1965
19650058563	Flow in a choked circular wind tunnel <die stromung im blockierten kreiskanal>	1965
19650058569	<the production, detection, and properties of soft x-rays> semiannual status report, aug. 1964 - jan. 31, 1965	1965
19650058570	<status of construction of a rocket research facility at the jet propulsion center, purdue university and data acquisition system> second quarterly progress report, 15 oct. 1964 - 15 jan. 1965	1965
19650058585	Silicon semiconductor networks manufactur- ing methods final technical progress report, 12 oct. 1960 - 15 aug. 1964	1965
19650058589	<support of the power information center at the university of pennsylvania> second quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650058601	Research and development of materials for use as lubricants in a liquid hydrogen environment, phase ii quarterly progress report no. 2, 1 oct. 1964 - 1 jan. 1965	1965
19650058602	Experimental studies of perceptual processes progress report	1965
19650058615	Block-3 ranger program /vehicles 6006, 6007/ reliability estimate and analysis report	1965
19650058628	Nimbus agena 6201 environmental data analysis report	1965
19650058659	Development of an extinguishable solid propellant third technical progress report, 1 oct. - 31 dec. 1964	1965
19650058747	Error analysis of the navy doppler tracking system applied to geodetic operations	1965
19650058765	Combined lh2-radiation test system	1965
19650058772	Research on techniques and procedures for the cultivation of hydrogen-fixing bacteria seventh quarterly status report, oct. 1 - dec. 31, 1964	1965
19650058797	<study program to assist in defining an integrated checkout system for manned mission complexes> fourth quarterly letter report, period ending 30 nov. 1964	1965
19650058816	Research and development of erosion and oxidation resistant coatings for graphite third quarterly report, 13 sep. - 12 dec. 1964	1965
19650058881	Solid state laser explorations technical report, oct. 15, 1963 - oct. 15, 1964	1965
19650058886	Partial pressure gas analyzer system final report	1965
19650058887	Performance of an air sampling probe in mach 3.1 and mach 1.9 low density airstreams	1965
19650058888	Yat-28e limited category ii performance, stability and control tests	1965
19650058903	Improved azimuthal resolution with a forward looking radar second quarterly technical summary report, 1 oct. - 31 dec. 1964	1965
19650058906	<snap 50/spur program> annual technical summary report, period ending dec. 31, 1964	1965
19650058909	Complex shapes by slip casting, phase i progress report, 1 feb. 1964 - 1 feb. 1965	1965
19650058911	Composite ceramic radome manufacture by mosaic techniques interim engineering progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650058919	Process development for precision forging columbium-base alloys first interim engineering progress report, 1 oct. - 31 dec. 1964	1965
19650058935	A study of electrode effects in crossed field accelerators quarterly report no. 2, 1 oct. - 31 dec. 1964	1965
19650058941	A study of lightweight inflatable shadow shields for cryogenic space vehicles	1965
19650058961	Research on chemical /cw/ inert polymer and reactant structures quarterly progress report, 1 sep. - 30 nov. 1964	1965
19650059028	A note on the validity of the simple local similarity method for the calculation of the boundary layer pressure gradient parameter around a sphere in equilibrium air flow	1965
19650059035	Difference method for hyperbolic initial-value problems for more than two independent variables with the aid of secondary character- istics <differenzverfahren fur hyperbolische an fangswertprobleme bei mehr als zwei unabhngigen veranderlichen mit hilfe von nebencharakteristiken>	1965
19650059036	The calculatory treatment of one-dimensional nonsteady heat conduction processes, with simultaneous phase change on bodies with cylindrical or spherical symmetry <die rechnerische behandlung von eindimensionalen instationaren warmeleitvorgangen mit gleichzeitiger phasenanderung an korpern mit zylinder- oder kugelsymmetrie>	1965
19650059037	Separation effect in suspensions for shear flow near a wall <ein entmischungseffekt in suspensionen bei wandnaher scherstromung>	1965
19650059197	Early manned planetary flyby mission study executive summary report	1965
19650059198	Early manned planetary orbiting mission study executive summary report	1965
19650059201	Applied research on efficiency improvement in crossed-field traveling wave tubes quarterly report, 17 oct. 1964 - 17 jan. 1965	1965
19650059204	Approximate characteristics of boundary layers on sphere and cones at mach 15	1965
19650059207	Research on the wideband modulator for coherent light technical report, jul. 1963 - nov. 1964	1965
19650059208	Development of joining techniques for td- nickel interim progress report no. 3, 1 nov. 1964 - 1 feb. 1965	1965
19650059210	B-58a wet runway performance evaluation	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059214	Small diameter, thin walled columbium tubing program. phase i- melting, breakdown extrusion, and billet processing. phase ii- extrusion of tube blanks. phase iii- tubing processing interim report, 15 oct. - 15 jan. 1965	1965
19650059217	Characteristics of coherent light reflections from various surfaces preliminary report	1965
19650059253	Improved insulators for rocket motors quarterly progress report, 1 sep. - 30 nov. 1964	1965
19650059254	Radar sensing for geoscience purposes monthly progress report, 1 dec. 1964 - 1 jan. 1965	1965
19650059257	The investigation of a method for remote detection and analysis of life on a planet semiannual report	1965
19650059260	Nuclear magnetic resonant frequency tuning	1965
19650059262	Integrated circuit design for a low-cost inertial guidance system final report, may 15 - dec. 15, 1964	1965
19650059264	Design curves for series rlc tuned surfaces interim engineering report	1965
19650059271	Applied research on a uhf traveling-wave tube	1965
19650059272	Study of acoustic-powered personnel transmitter techniques	1965
19650059277	Study of low-energy electron scattering from photoconductors final report, may 1963 - nov. 1964	1965
19650059282	Propellant reaction characteristics in space environmental test facilities technical report, 1 may - 31 oct. 1964	1965
19650059283	Development and manufacture of protective clothing for use in hazardous environments second quarterly progress report, 30 sep. - 31 dec. 1964	1965
19650059284	Propellant gas injection performance studies research quarterly progress report, 1 jul. - 30 sep. 1964	1965
19650059285	Life in extraterrestrial environments quarterly status report, nov. 15, 1964 - feb. 15, 1965	1965
19650059289	Assistance to the nasa technology utilization division final report, feb. 1, 1964 - jan. 31, 1965	1965
19650059292	<development of automatic chromosome analysis system< sixth quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650059298	Dynamic test results of sad-8, 9	1965
19650059300	Digital reporting system, phase i summary report	1965
19650059301	Space radiation doses during planetary mission	1965
19650059317	Prime mover study final report	1965
19650059318	Failure criteria for viscoelastic materials semiannual status report, 1 jul. - 31 dec. 1964	1965
19650059328	Investigation of boundary layer transition progress report, oct. 1 - dec. 31, 1964	1965
19650059330	Midterm progress briefing of human engineering criteria for advanced ground support operations with nuclear space systems	1965
19650059344	Research and development investigation of a precision digital frequency synthesizer for ssb quarterly report no. 1, 1 jul. - 30 sep. 1964	1965
19650059350	Theory of optimum transmission through a channel with fading and new methods of transmission <teoriya optimal'noi peredachi po kanalu s zamiraniyami i novye metody peredachi<	1965
19650059368	Plane strain fracture toughness of 18 ni /250/ and 18 ni /200/ maraging welded steel plate	1965
19650059374	The design and evaluation of a cryogenic density measuring system with a one second response time and .1 percent absolute accuracy, phase i final report	1965
19650059377	Decompression sickness and its medical management- a team approach to the study of aviator's neurocirculatory collapse	1965
19650059379	<research in life sciences instrumentation pertinent to studies in space biology< first quarterly report, 9 nov. 1964 - 9 feb. 1965	1965
19650059380	Development of instrumentation to search for neutrons and gamma rays from solar surface nuclear reactions first year status report, 15 jan. 1964 - 31 jan. 1965	1965
19650059427	Post-saturn launch facilities study, phase iv, part i- launch operations simulation model special report	1965
19650059431	Product assurance for mariner c vehicles 6931, 6932 final report	1965
19650059476	Satellites and probes program progress report, jan. 1965	1965
19650059477	Design study for zodiacal-light observations from an orbiting solar observatory first semiannual progress report	1965
19650059497	Fiber optics and strain interferometry scientific report no. 4	1965
19650059498	The effects of active cooling on the aerothermodynamic characteristics of slender bodies of revolution	1965
19650059502	Development of economic quantity/quality manufacturing methods for a tunable x-band coaxial magnetron interim engineering progress report, 1 oct. 1964 - 1 jan. 1965	1965
19650059503	Diffusion bonded titanium alloy honeycomb panels second interim engineering progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650059504	Flight evaluation of entwicklungsring sud hovering rig, manching, federal republic of germany	1965
19650059523	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at -423 deg f /-253 deg c/ sixth quarterly progress report	1965
19650059524	An/fps-85 space track radar seventh quarterly technical documentary report	1965
19650059536	Stable plasmas in an inverse pinch-type' discharge <plasmas stables dans une decharge du type 'striction inverse'<	1965
19650059537	Relaxation phenomena for attenuation of sound in ducts <relaxationsschalldampfer<	1965
19650059538	Measurement of frequency responses by means of the generalized harmonic analysis <zur messung von frequenzgangen mittels der systemtheorie fur regellose vorgange<	1965
19650059539	Method for measurement of complex dynamic elasticity modulus <ein verfahren zur messung des komplexen dynamischen elastizitatsmoduls<	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059540	The dimensionality of nonseparable spaces, parts i and ii <o rozmernosti neseparabel'nykh prostranstv. i i ii<	1965
19650059545	Research on the critical heat flux /burnout/ in boiling water <untersuchung der kritischen heizflächenbelastung /burnout/ bei siedendem wasser< quarterly progress report no. 13, oct. 1 - dec. 31, 1964	1965
19650059560	Discrepancy analysis of preflight equipment failures- medium space vehicles programs	1965
19650059571	Contribution to the problem of reversal in thin-walled spherical shells <beitrag zum durchschlagproblem dunnwandiger kugelschalen /versuche und bemessungsformeln/<	1965
19650059572	Exact analysis of a maser model <exakte behandlung eines maser-modells<	1965
19650059573	A new high-index material for dielectric ultraviolet mirrors <eine neue hochbrechende substanz für dielektrische ultraviolett- speigel<	1965
19650059574	Accurate measurement of classical sound absorption in gases by means of cylindrical resonators /i/ <prazisionsmessung der klassischen schallabsorption mit hilfe des zylinderresonators /i/<	1965
19650059575	Theory of acoustical cylindrical resonators taking into consideration the excitation due to sound /ii/ <theorie des akustischen zylinderresonators unter berucksichtigung der schallanregung /ii/<	1965
19650059576	Deformation and flaw structures in nacl crystals resulting from experimental impacts <deformation- und rissstrukturen in nacl- kristallen bei der stossbearbeitung<	1965
19650059578	Performance improvement of the propulsion engine test cell /j-2a/ through mathematical analysis	1965
19650059581	Ch-47a category ii stability and control tests, appendix iii	1965
19650059588	The effect of laser energy on cells in tissue culture annual progress report, feb. 1, 1964 - jan. 31, 1965	1965
19650059602	Manned planetary reconnaissance mission study- venus/mars flyby	1965
19650059607	Nasa propellant gas valve scale-up program progress report, aug. 15 - nov. 15, 1964	1965
19650059617	A ground test facility for evaluating missile base flow phenomena at simulated trajectory conditions	1965
19650059629	Investigation of high emission density cathode interim engineering progress report, 23 oct. 1964 - 22 jan. 1965	1965
19650059632	Grounding techniques for the minimization of instrumentation noise problems final report, jul. - nov. 1964	1965
19650059635	The amplification of acoustic disturbances by oscillatory chemical reactions final report	1965
19650059639	Research study for increasing the sensitivity of photoemitters quarterly technical report, 1 oct. 1964 - 31 dec. 1964	1965
19650059646	Low temperature synthesis of fluorine- containing species annual report, feb. 1 1964 - jan. 31 1965	1965
19650059647	Improved system for measuring wind components	1965
19650059656	Vlf envelope timing experiment quarterly progress report, 1 nov. 1964 - 1 jan. 1965	1965
19650059660	Laminarization of nozzle wall boundary layers as a means of reducing heat flux technical documentary report, dec. 16, 1963 - nov. 30, 1964	1965
19650059661	Transient radiation effects on electronic parts semiannual progress report, jun. 16 - nov. 20, 1964	1965
19650059663	The design, fabrication and installation of a wire-grid lens for hf radio direction finding	1965
19650059665	Advanced theoretical formability manufacturing technology, volume i final technical documentary report, 1 apr. 1963 - 30 sep. 1964	1965
19650059666	Advanced theoretical formability manufacturing technology- supplemental handbook, volume ii final technical report, 1 apr. 1963 - 30 sep. 1964	1965
19650059667	Generator development, snap 50/spur program, pole-face loss evaluation technical report, may 1963 - oct. 1964	1965
19650059674	Large area semiconductor surface passivation production refinement program interim engineering progress report no. 6, 1 oct. - 31 dec. 1964	1965
19650059683	[Investigation of the Genetic Characteristics of Microbial Growth at Low Temperature] Progress Report	1965
19650059708	Investigation of electromagnetic and thermal effects in superconducting generators third quarterly report	1965
19650059767	SA-9 Final Predicted Trajectory. Part I- Nominal Trajectory	1965
19650059770	Development of Pelletized Propellant Second Quarterly Technical Progress Report, 1 Oct. - 31 Dec. 1964	1965
19650059795	Saturn s-1-9 static test vibration and acoustic data	1965
19650059796	The effects of introducing optimization into a family of saturn 1b first stage trajectories	1965
19650059807	Thin-film polycrystalline field-effect triode first quarterly report, 1 jul. - 30 sep. 1964	1965
19650059814	The motion of a flared base missile with two pins in the secondary shock wave	1965
19650059820	Investigation of heat transfer in nonequilibrium reacting systems second quarterly progress report, oct. 14 1964 - jan. 14 1965	1965
19650059822	Mass transfer cooling in nitrogen and carbon dioxide gas streams	1965
19650059829	Studies on the hill reaction activity of soluble chloroplast extracts quarterly progress report no. 7, 1 sep. - 30 nov. 1964	1965
19650059832	Study of vortex boundary layer interactions second quarterly status report for period ending 26 dec. 1964	1965
19650059849	Functional extension of the human hands progress report, 1 apr. - 1 oct. 1964	1965
19650059850	Research on molecule-surface interaction status report no. 2, oct. 9, 1964 - jan. 9, 1965	1965
19650059852	A comparative study of lunar craters and terrestrial volcanotectonic depressions in rhyolite ash-flow plateaus first semiannual report	1965
19650059853	Thermal profiles of the delta spacecraft fairings, volume iii	1965
19650059855	Relay module, nasa drawing no. sk-dp24-29 test report	1965
19650059890	Fine structure of n 3p levels of he4 <structure fine des niveaux n 3p de 4he<	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650059891	Experiments for determining internal stresses in composite metals, specifically in cemented hard carbides <versuche zur ermittlung der eigenspannungen in verbundwerkstoffen, insbesondere in hartmetallen<	1965
19650059892	An electrostatic engine with a hf ion source <ein elektrostatisches triebwerk mit hoch-frequenzenquelle<	1965
19650059894	Drag and spray measurements from a pair of small pneumatic tyres placed side by side	1965
19650059895	The formation of curling kamacite <uber die entstehung des wickelkamazit<	1965
19650059902	<study of the feasibility of remote sensing of geoscience data from manned spacecraft< quarterly progress report, 1 oct. 1964 - 1 jan. 1965	1965
19650059903	Behavioral research and experimental analysis of complex behavioral repertories under full environmental control semiannual status report, aug. 1, 1964 - jan. 31, 1965	1965
19650059924	<development of on-line man-machine system performance measurement and display techniques< letter progress report, 1 sep. - 30 nov. 1964	1965
19650059931	Downrange measurements program trap, volume i semiannual report, 1 jul. - 31 dec. 1964	1965
19650059934	Components irradiation test no 9- 2n708 transistors	1965
19650059942	Masses, magnitudes, and densities of 320 radio meteors research report no. 12, mar. 1965	1965
19650059945	Solar ultraviolet radiation quarterly status report no. 13, 15 nov. 1964 - 15 feb. 1965	1965
19650059950	Discrepancy analysis of preflight equipment failures	1965
19650059951	Development of linear stip ion thrusters for attitude control Quarterly progress report no. 2, 1 Oct. - 31 Dec. 1964	1965
19650059954	The development of resistance jet thruster systems monthly progress report no. 6	1965
19650059958	Vibration and acoustic analysis of saturn sa-7 flight	1965
19650059959	<new techniques of observation and interpretation of solar phenomena including the possible use of space vehicles< status report no. 6, 1 jul. - 31 dec. 1964	1965
19650059960	<laboratory vacuum ultraviolet spectroscopy< status report no. 1, 1 jul. - 31 dec. 1964	1965
19650059962	Research on bearing lubricants for use in a high vacuum progress report no. 45, 1 nov. 1964 - 31 jan. 1965	1965
19650059963	Some comments on the meteorological usefulness of a manned satellite	1965
19650059966	A space science audiovisual media workshop which will select, produce and evaluate audiovisual media and other materials for a space science curriculum for eighth grade instruction in north carolina schools quarterly status report, 1 oct. - 31 dec. 1964	1965
19650059967	Satellites and probes program progress report, feb. 1965	1965
19650059968	Research on diffusion of hydrogen through palladium-silver alloy, phase 3 monthly progress report	1965
19650059971	Study of phenomena associated with mixing of cryogenic fluids final summary report	1965
19650059972	Research in photosynthesis quarterly report no. 7, dec. 6, 1964 - mar. 6, 1965	1965
19650059975	High-altitude solid motor nozzle materials analysis, phase i final report	1965
19650059980	Optical guidance feasibility study summary report	1965
19650059981	Economic growth in the initial impact area of the national aeronautics and space administration's mississippi test operations in hancock county final report	1965
19650059984	Comparison of measurements of field intensity meters /1 to 10 gc/ final report	1965
19650059985	Compatible active thin-film integrated structures /phase ii/ interim engineering report, aug. 15 - dec. 14 1964	1965
19650059988	A study of magnetic and acoustic excitations at microwave frequencies in solids third quarterly progress report, nov. 1 1964 - jan. 31 1965	1965
19650059989	Post-saturn launch facilities study, phase iv, part i. volume i- summary report final report	1965
19650059990	Post-saturn launch facilities study, phase iv, part i. volume ii- fixed and hybrid operational concepts final report	1965
19650059991	Post-saturn launch facilities study, phase iv, part i. volume iii- mobile and freestanding operational concepts final report	1965
19650059993	The general and comparative biology of terrestrial organisms under experimental stress conditions interim quarterly resume.	1965
19650059995	Diffuser development for throttlable engines technical report, sep. 1963 - jul. 1964	1965
19650060014	Hypersonic aerodynamic characteristics of two elliptic half-cones at m equals 8 and angles of attack to 90 degrees, november 1, 1963 - october 1, 1964	1965
19650060032	Program to study and resolve rocket engine installation problems related to maneuvering satellite vehicles	1965
19650060033	Development of a 1200 deg f radome interim engineering report, volume ii, 1 nov. 1964 - 31 jan. 1965	1965
19650060035	Uhf range timing distribution system final engineering report	1965
19650060036	Statistical presentation of landing parameters for models a-3b, a-4c/e, f-4b, and rf-8a/f-8c aircraft aboard the uss midway /cva-41/ in the westpac area /survey 11b/	1965
19650060041	Fort belvoir incandescent lamp interim technical report, 1 oct. - 31 dec. 1964	1965
19650060042	Drag characteristics of plates, cones and spheres in the wake of a cylindrical body at transonic speeds	1965
19650060043	Ammonia-air fuel cell system for vehicle propulsion first interim report, 27 jul. - 27 jan. 1965	1965
19650060046	Low temperature refractory metal-to-ceramic seals fourth quarterly progress report, 1 oct. 1964 - 14 jan. 1965	1965
19650060047	Asd hydraulic pump fifth quarterly technical progress report	1965
19650060048	Columbium 'h' section extrusion and drawing program final technical report, 1 jul. 1963 - 1 jan. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060051	Gas chromatographic methods for liquid propellant analysis quarterly progress report, 16 nov. 1964 - 28 feb. 1965	1965
19650060053	Direct electricity generation from ionized vapors and flames /calorelectric experiments of s. klein at saclay/	1965
19650060057	Establishment of manufacturing methods for crossed-field amplifiers at p-, s-, and x- bands interim engineering progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650060059	Direct contact explosives metalforming interim engineering progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650060064	Three point interpolation by lagrange's method	1965
19650060065	Castor ii rocket motor fourteenth status report, 9 nov. - 8 dec. 1964	1965
19650060073	Development of precision non wire wound variable resistors interim report	1965
19650060076	Extruding and drawing tantalum alloys to complex thin h section interim engineering progress report, 1 oct. - 31 dec. 1964	1965
19650060080	Research in fluorine chemistry progress report, 1 jul. - 30 sep. 1964	1965
19650060104	Research on selective fluorination techniques technical report, 1 nov. 1963 - 31 oct. 1964	1965
19650060116	Flight report for vehicle s/n 393/20108/20009 delta program-mission no. 27, spacecraft- epe-d/s-3c/	1965
19650060119	<chemosynthesis and extraterrestrial life detection> quarterly progress report no. 2, oct. 30, 1964 - jan. 29, 1965	1965
19650060120	Research on diffusion of hydrogen through palladium-silver alloy. phase 3 quarterly progress report, oct. - dec. 1964	1965
19650060121	Research on sintered porous restrictors progress report no. 3	1965
19650060128	Preliminary equipment list for the isis-x program vehicle 6102	1965
19650060129	Molecular beams surface interaction quarterly progress report, 15 oct. 1964 - 15 jun. 1965	1965
19650060130	Studies of photosynthetic halophiles from owens lake monthly progress report no. 6	1965
19650060131	Multi-purpose engine and fuel system lunar exploration systems for apollo summary digest	1965
19650060132	Helium jet study progress report, dec. 1964	1965
19650060157	An experimental investigation of the "laminar flow instability" problem related to the strong heating of normal-hydrogen gas in a small diameter tube	1965
19650060160	Study of deployment procedures for lunar exploration systems for Apollo /LESA/ volume i- Summary final report	1965
19650060161	Study of deployment procedures for lunar exploration systems for apollo /lesa/. volume ii, part 1- technical discussion final report	1965
19650060162	Study of deployment procedures for lunar exploration systems for apollo /lesa/. volume ii, part 2- technical discussion final report	1965
19650060163	Study of deployment procedures for lunar exploration systems for apollo /lesa/. volume ii, part 3- task performance data final report	1965
19650060166	Trajectory study for advanced lunar missions fifth monthly progress report	1965
19650060169	The buckling of cylindrical shells status report no. 8	1965
19650060170	Monitoring of solar activity at 8-hours east longitude and an investigation of related solar phenomena fifth semiannual report, sep. 1, 1964 - feb. 28, 1965	1965
19650060175	Smoke trail reduction technique for obtaining wind profiles	1965
19650060176	Development of an engineering prototype ion mass spectrometer for the mass analysis of the lunar surface monthly letter report no. 8, 1 feb. - 28 feb. 1965	1965
19650060177	Effects of plant growth hormones on plant development in the absence of gravitational effects first interim report, sep. 1, 1964 - feb. 28, 1965	1965
19650060180	Vertical takeoff aviation	1965
19650060183	Static stability tests of six saturn v lor upper stage configurations at hypersonic mach numbers	1965
19650060191	Problems with Electrical Connectors and Insulated Wires in the Aerospace Industry Addendum	1965
19650060206	Electronics facilitates diagnostics in medicine	1965
19650060209	Acoustics activities in the southern half of west germany	1965
19650060211	Supersonic wind tunnel test of several pitot-static tubes	1965
19650060213	An analysis of atmospheric variability pertinent to low level radar tracking operations in arizona	1965
19650060214	Altitude testing of a thiokol te-m-388 solid- propellant rocket motor	1965
19650060220	Optically pumped image light amplification final report, 13 may 1963 - 30 sep. 1964	1965
19650060254	Process study, center support rod and forward plate final report	1965
19650060262	Feasibility study for a wide band vhf-uhf power source final report, apr. 1962 - nov. 1964	1965
19650060271	High energy propellant evaluation quarterly technical summary report no. 7, 1 oct. - 31 dec. 1964	1965
19650060276	Sensitivity fundamentals quarterly technical progress report, sep. 16 - dec. 15, 1964	1965
19650060277	Concentrated storable hydrogen peroxide quarterly progress report no. 3, nov. 1964 - jan. 1965	1965
19650060316	Demonstration of the use of a composite plastisol nitrocellulose propellant in a short-burning rocket	1965
19650060317	Research in chemistry quarterly progress report, oct. - dec. 1964	1965
19650060333	The use of psychological and physiological knowledge in the design and maintenance of electrical equipment	1965
19650060335	Development of standardized test methods to determine plane strain fracture toughness third quarterly progress report, 1 dec. 1964 - 1 mar. 1965	1965
19650060336	Data presentation for positional representation of space vehicles /phase iii/ final report	1965
19650060337	Pulse thrust measuring transducer final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060339	Development of manufacturing methods for deposition forming interim progress report, 1 nov. - 31 jan. 1965	1965
19650060340	Thin-film cold cathodes for microwave tubes final report	1965
19650060342	Determination of the aerodynamic drag and static stability of reefed parachute canopies /wind tunnel study/	1965
19650060343	Ultraviolet photographic research	1965
19650060344	T-38a aerodynamic braking refused takeoff tests	1965
19650060349	Investigation of chemically sprayed thin-film photovoltaic cells quarterly report, 15 nov. 1964 - 14 feb. 1965	1965
19650060350	Studies in thermal protection. ii- protective capacity of two polyester fiber materials	1965
19650060354	Combustion in initially unmixed reactants for one-step reversible chemical kinetics	1965
19650060357	Investigation of flow separation on a two- dimensional flat plate having a variable-span trailing-edge flap at mach infinity equal 3 and 4.5	1965
19650060358	Photoconductivity in impurity activated germanium and indium antimonide final report	1965
19650060359	The fo radical and high pressure reactions of n2f2 second annual report, 1 feb. 1964 - 1 feb. 1965	1965
19650060360	Plastic flow in molybdenum and tungsten technical summary report, feb. 1, 1964 - jan. 31, 1965	1965
19650060362	Development of improved cutting tool materials interim engineering progress report, 14 dec. 1964 - 14 mar. 1965	1965
19650060363	Development of improved cutting tool materials interim progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650060364	Process development for internal roll extrusion of large rocket motor cases interim engineering progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650060365	Development of rolling process for titanium compressor blades interim engineering progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650060366	Solid state filters delay lines and transformers final report, 1 jun. 1963 - 31 dec. 1964	1965
19650060367	Research on extruding, drawing and heat treating of titanium interim engineering progress report, 1 nov. 1964 - 15 feb. 1965	1965
19650060368	Development of manufacturing methods for the production of infiltrated tungsten composite rocket nozzle inserts interim engineering progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650060370	Machinability of materials interim engineering progress report, 15 nov. 1964 - 15 feb. 1965	1965
19650060371	Low noise antenna techniques	1965
19650060373	Communications cable for tropical jungle use quarterly report, oct. - dec. 1964	1965
19650060377	Studies of photosynthetic halophiles from owens lake fifth monthly progress report	1965
19650060380	Development of improved single crystal gallium phosphide solar cells quarterly report no. 2, 15 nov. 1964 - 15 feb. 1965	1965
19650060381	The utilization of new techniques and devices in integrated circuits, volume ii final report, 1 jun. 1963 - 30 sep. 1964	1965
19650060382	<effects of sound on perceived noisiness< quarterly progress report no. 1, 3 nov. 1964 - 3 feb. 1965	1965
19650060383	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at -423 deg f /-253 deg c/ progress report no. 19, jan. 1 - 31, 1965	1965
19650060386	Re-entry and space systems program. phase a- study of a survivable capsule for the lunar survey probe	1965
19650060392	High efficiency cooling and facility maintenance technical semiannual summary report	1965
19650060393	Investigation of photoconductor materials for a solid-state sonar display interim development report, 13 oct. 1964 - 14 jan. 1965	1965
19650060394	Components irradiation test no. 10 - s2n657a, 2n718a, and s2n1016d transistors	1965
19650060395	Phenomena on lunar phase and related problems first quarterly progress report	1965
19650060397	Components irradiation test no. 11, 2n1711, s2n930, and 2n2501 transistors	1965
19650060399	Lem truck guidance and navigation study final report, 14 aug. 1964 - 28 feb. 1965	1965
19650060401	Research and investigation of selected microwave problems interim engineering report no. 7, 1 sep. - 30 nov. 1964	1965
19650060404	Large storage tank mass determination study first quarterly report, jul. - sep. 1964	1965
19650060405	Mars and venus exploration studies. volume iv- research and technology implications final report	1965
19650060407	<theoretical and experimental studies of oscillatory combustion and fuel vaporization< semiannual status report, period ending 30 nov. 1964	1965
19650060409	156-inch diameter motor jet tab tvc progarm final report	1965
19650060410	156-inch diameter motor jet tab tvc program final report	1965
19650060411	156-inch diameter motor jet tab tvc program, volume v final report	1965
19650060417	Aeroelastic investigations of inflatable lifting surfaces technical documentary report, jun. 1962 - aug. 1964	1965
19650060432	Trajectory of the proposed strato-lab vii balloon	1965
19650060452	The accuracy of impedance measurements with micro waves	1965
19650060453	Maybach's lines-of-strain method in its application to metals	1965
19650060454	Beckmann rearrangement and fragmentation. part i- mechanism and detection of intermediate stages	1965
19650060455	Functional mean values in the statistical theory of quantum mechanical and classical many-particle systems	1965
19650060465	Structural heat shield for reentry and hypersonic lift vehicles /high temperature composite structure/ final technical documentary report, oct. 1961 - jun. 1963	1965
19650060468	An analysis of the double shock compression light gas gun cycle	1965
19650060469	Cratering and displacement data for three surface burst tnt trials at ses /1963/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060472	Application of the butler array to electromagnetic compatibility techniques program	1965
19650060477	Research and development on mathematical analytical techniques in casting first interim engineering progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650060478	Investigation of thomson scattering from the free electrons in a plasma. part i- experiment design, background radiation and error analysis interim report, may - sep. 1964	1965
19650060480	Manufacturing process development for rolling cast slabs of columbium /cb-752/ alloy interim engineering progress report no. 3, 1 dec. 1964 - 28 feb. 1965	1965
19650060481	The utilization of new techniques and devices in integrated circuits, volume i final report, 1 jun. 1963 - 30 sep. 1964	1965
19650060482	Investigations concerning rotating stars. ii- the theory of the first order <untersuchungen uber rotierende sterne. ii- die theorie erster ordnung<	1965
19650060483	Theory of synchronization by phase control <theorie de la synchronisation par controle de phase<	1965
19650060484	The grooved guide <der rillenleiter<	1965
19650060485	Investigations on the flow of water in converging and diverging water tunnels <untersuchungen uber die stromungen des wassers in konvergenten und divergenten kanalen<	1965
19650060486	Effect of intermetallic magnesium compounds on the hot hardness of its alloys	1965
19650060487	Tracking, telecommand and telemetering stations <les stations de poursuite, de telecommande et de telemesure<	1965
19650060488	C.n.e.s. ground tracking stations <les stations au sol du c.n.e.s.<	1965
19650060489	Effect of cavitation on the rate of flow of a venturi nozzle <einfluss der kavitation avf die durchflusszahl der venturiduse<	1965
19650060490	On the pressure-induced shift of the higher-order lines of the spectral series <sopra lo spostamento per pressione delle righe elevate delle serie spettrali<	1965
19650060491	The increase of stress by means of circular notches <die spannungserhöhung durch kreisbogenkerben<	1965
19650060493	Study of fluorine at low temperatures. part i- production, analysis, and methods of handling fluorine	1965
19650060494	A study of fluorine at low temperatures. part ii- vapor pressure of fluorine	1965
19650060499	Force tests on a spinning tx-61 model at m infinity equals 2.0, 2.5, and 3.0	1965
19650060504	Dynamical properties of stellar coronas and stellar winds. iv- the separate existence of subsonic and supersonic solutions	1965
19650060505	Organic extracts of early precambrian rocks from the soudan formation	1965
19650060506	Digital control system design interim technical report	1965
19650060508	Lunar terrain analysis	1965
19650060509	Large motor case engineering optimization study- report on investigation of sub arc, excelco big tig and other welding processes on 18 percent nickel maraging steel quarterly report	1965
19650060526	On the purification and identification of a splenic factor which prevents radiation injuries final technical status report, 17 jan. 1964 - 16 jan. 1965	1965
19650060556	Assessment of saturn flame effects. report b- correlation of data losses final report	1965
19650060557	Ballistic orbital support operations study. volume i- condensed summary final report	1965
19650060558	Ballistic orbital support operations study. volume ii- mission, performance, and configuration analysis final report	1965
19650060559	Ballistic orbital support operations study. volume iii- structural systems and weight analysis final report	1965
19650060560	Ballistic orbital support operations study. volume iv- subsystems final report	1965
19650060561	Ballistic orbital support operations study. volume v- escape and recovery systems final report	1965
19650060562	Ballistic orbital support operations study. volume vi- operational implementation final report	1965
19650060574	Equilibrium studies of refractory nitrides third quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650060575	Research on photoconductivity in thin films	1965
19650060578	Large motor case technology evaluation progress report, dec. 11, 1964 - mar. 11, 1964	1965
19650060580	Influence of grain morphology on the ductile- to-brittle transition in tungsten	1965
19650060584	A critique of internal insulation materials for solid propellant rocket motors and their effect on missile performance	1965
19650060585	Radiative transfer between two concentric spheres separated by an absorbing and emitting gas	1965
19650060586	The mercury-photosensitized oxidation of perfluoropropene	1965
19650060587	Study of slot-excited waves on a warm plasma slab	1965
19650060588	The reaction of oxygen atoms with perfluoropropene	1965
19650060593	30 inch insulation calorimeter final report	1965
19650060599	Radar sensing for geoscience purposes monthly progress report, 1 feb. - 1 mar. 1965	1965
19650060600	Miniaturized single camera avcs study monthly progress letter no. 4	1965
19650060602	<kramer's radiation studies and measurements of atomic line radiation< quarterly progress report	1965
19650060604	A research study on temperature profiles for hyperenvironmental radomes	1965
19650060605	A review of model design for free flight aerodynamic studies	1965
19650060606	Reduction of data from measurements of radiation in a hypersonic range. an example of data processing at carde	1965
19650060608	Investigation of a subliming solid bipropellant control rocket monthly progress reports 9 and 10, jan. 1 - feb. 28, 1965	1965
19650060610	Heat transfer studies of solid rocket igniters monthly progress report no. 5, jan. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060611	Investigation of psychrophilic lipid metabolism second quarterly progress report, sep. 27 - dec. 26, 1964	1965
19650060612	<application of hydrogen bacteria to bioregenerative life support systems, part i- urine in h. eutropha cultures< third quarterly progress report, dec. 1964 - feb. 1965	1965
19650060614	Theoretical and experimental studies of high- temperature gas transport processes third quarterly progress report, 11 nov. 1964 - 10 feb. 1965	1965
19650060615	<research on the influence of gravity on unicellular organisms, and optimization of the ultraviolet flying-spot microscope for living cell observations< semiannual status report, oct. 1, 1964 - apr. 1, 1965	1965
19650060619	Geometry of internal spaces second quarterly progress report	1965
19650060620	Launch information exchange facility /lief/ technical plan	1965
19650060623	Research and development of a phased-array module final report, 1 jul. 1963 - 25 feb. 1965	1965
19650060625	Isis-x agena 6102 vehicle description	1965
19650060627	Experimental studies for the detection of protein in trace amounts quarterly status report, 1 dec. 1964 - 28 feb. 1965	1965
19650060633	Design loads analysis, isis-x vehicle	1965
19650060635	The study of hydrogen bonding progress report, aug. 1 - dec. 31, 1964	1965
19650060637	Elasticity. electric analogy as an auxiliary method of photoelasticity	1965
19650060638	Photoelasticity. utilization of a resin, ethoxyline, in three-dimensional photoelasticity studies according to the fixing technique	1965
19650060639	Physics of plasmas - circulation of the electronic distribution function of a plasma from the fokker-planck equation	1965
19650060650	Mariner d agena vehicle 6932- flight evaluation and performance report /45-day/ agena flight no. 151	1965
19650060673	Gemini Launch Vehicle	1965
19650060686	A review of literature on tactics and strategy <literatuuroverzicht, taktiek en strategie<	1965
19650060695	Lasig ii- pulsed laser ion generator study quarterly progress report no. 2, 1 nov. 1964 - 31 jan. 1965	1965
19650060696	Force and pressure investigation of an s-1/s-iv stage separation model using short- duration techniques	1965
19650060700	Ion rocket engine development quarterly progress report no. 1, 13 oct. - 31 dec. 1964	1965
19650060701	The development of resistance jet thruster systems monthly progress report no. 7	1965
19650060702	Theoretical and experimental studies of high altitude chemical releases, using digital computing, photochemical and spectrophoto- graphic analyses semiannual status report no. 5, 1 sep. 1964 - 28 feb. 1965	1965
19650060704	Cavitation erosion phenomena status report, apr. 1 - sep. 30, 1964	1965
19650060707	Vibration analysis of the ring-stiffened conical shell gemini adapter	1965
19650060712	Studies in the field of turbulent boundary layer noise research progress report no. 10, 15 feb. - 14 mar. 1965	1965
19650060713	Research on satellite electrical power conversion systems and circuit protection seventh semiannual status report, 1 aug. 1964 - 31 jan. 1965	1965
19650060715	Study of arc-jet propulsion devices quarterly progress report no. 1, 20 nov. 1964 - 28 feb. 1965	1965
19650060720	Studies in the field of turbulent boundary layer noise research third quarter progress report, 15 nov. 1964 - 14 feb. 1965	1965
19650060721	Central combustion of hydrogen and helium in a star of five solar masses	1965
19650060723	Disturbance of the tissue osmoregulation in water intoxication <a szoveti osmoregulatio zavarai vizmergezesben<	1965
19650060724	Phase contrast dust microscopy	1965
19650060725	New measurements for the phase contrast procedure <neue messungen zum phasenkontrast- verfahren<	1965
19650060726	On the technique of dust microscopy by phase contrast and dark field <zur technik der staubmikroskopie mit phasenkontrast und grenz- dunkelfeld<	1965
19650060727	On the technique of dust microscopy with the phase contrast microscope. the nomographic representation of the schmidt-heidermanns lambda s / delta d / delta diagram <zur technik der pulvermikroskopie mit dem phasenkontrastmikroskop. die nomographische dar- stellung des lambda s / delta d / delta - diagramms nach schmidt-heidermanns<	1965
19650060728	Investigation of dust samples with the phase microscope, in particular by the use of membrane filters <untersuchung von staub- proben mit dem phsenkontrastmikroskop, ins- besondere bei verwendung von membranfiltern<	1965
19650060729	Phase contrast microscopy in the dust laboratory <phasenkontrastmikroskopie im staublaboratorium<	1965
19650060731	Evaluation of data acquisition systems and data processing procedures used during the b-52h category ii performance and stability flight test	1965
19650060735	Microstructure studies of polycrystalline refractory oxides summary report, 28 jan. 1964 - 1 feb. 1965	1965
19650060736	Subsonic characteristics of low aspect ratios. volume i- data analyses and design handbook	1965
19650060737	Subsonic characteristics of low aspect ratios. volume ii- wind-tunnel test results	1965
19650060738	A study of array beam switching techniques	1965
19650060743	Accelerated deterioration of elastomers. part i- degradation in solution final report, aug. 1, 1962 - mar. 30, 1965	1965
19650060744	Accelerated deterioration of elastomers. part ii- experiments with vulcanized rubbers final report, aug. 1, 1962 - mar. 30, 1965	1965
19650060763	The dynamics of bubble formation during treatment of liquids with gases under pressure	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060764	Inorganic thin-layer chromatography quantitative determination of cations separated by means of thin-layer chromatography	1965
19650060765	Sizes of bubbles in bubble columns	1965
19650060766	A quick method of linear characteristics for axial and oblique supersonic flow around solids of revolution with ring surfaces	1965
19650060767	A new evaluation method for photoelastic analyses	1965
19650060768	Optical polarization study in convergent light of the spatial state of stress	1965
19650060769	Preparation and properties of monomeric polymeric and cyclic methylsilyldiamines	1965
19650060770	Effect of hydrogen on the conductivity and luminescence of zinc oxide crystals	1965
19650060771	On the stress concentration in notched bars	1965
19650060773	Direct and indirect electron control by photoconductive elements quarterly technical progress report no. 2	1965
19650060790	The evaluation of nozzle materials phase report	1965
19650060794	Three stage intensifier simulator final technical report	1965
19650060795	Feasibility study for the application of main tank injection pressurization to sled test vehicles, fabrication and test program final report	1965
19650060796	Investigation of the transport and reaction process occurring within silver oxide-zinc batteries quarterly technical progress report, 1 jan. - 1 apr. 1965	1965
19650060797	Geodetic control without triangulation, trilateration, or gravity data, and gravimetric reduction of levelling second interim technical report, sep. 1964 - jan. 1965	1965
19650060798	Structural heat shield for reentry and hypersonic lift vehicles /high temperature composite structure/ final report, part i, vol. 2, oct. 1961 - jun. 1963	1965
19650060799	Reciprocating cooling techniques for space based infrared sensors final report, 1 aug. 1963 - 15 oct. 1964	1965
19650060800	Positive expulsion bladders for storable propellants progress report, 1 nov. 1964 - 1 feb. 1965	1965
19650060802	Synthesis of inorganic polymer high- temperature fluids, part ii annual report, feb. 1964 - feb. 1965	1965
19650060805	Drag and stability of cross type parachutes	1965
19650060806	Development of improved processes for filament-wound reinforced-plastic structures final report, 1 oct. 1962 - 31 dec. 1964	1965
19650060807	Direct optical data readout and transmission at high data rates technical report, dec. 1963 - jan. 1965	1965
19650060809	Temperature field in a slab containing an insulating filament	1965
19650060810	Development of manufacturing process for forging engine parts made from beryllium interim engineering progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650060811	Fluidized bed techniques for coating refractory metals first interim engineering progress report, 8 dec. 1964 - 8 mar. 1965	1965
19650060812	Manufacturing methods for high temperature coating of large columbium parts first quarterly technical progress report, 1 dec. 1964 - 1 mar. 1965	1965
19650060813	The velocity of ascent of gas bubbles in liquids of different viscosity and surface tension	1965
19650060816	High power laser techniques quarterly progress report no. 2, 1 oct. - 31 dec. 1964	1965
19650060817	Metallurgical research and development for ceramic electron devices quarterly report no. 10, 1 oct. - 31 dec. 1964	1965
19650060818	Manufacturing methods for electroplating silver, gold, and rhodium on electrical connector contacts interim engineering progress report, 1 jul. 1964 - 25 jan. 1965	1965
19650060819	Endurance testing of the front window of the usaf type iv camera pod at high aerodynamic loadings	1965
19650060820	A study of mechanisms of non-shivering thermogenesis annual progress report, 1 feb. 1964 - 31 jan. 1965	1965
19650060823	Preparation of laminates containing resin filled holes for bonding to additional layers final report	1965
19650060825	Basic principles of self-replicative information storage in chemical systems technical report, jan. 1964 - jan. 1965	1965
19650060826	Applied research and advanced technology for the supersonic combustion ramjet for 1964. part ii- test techniques /instrumentation studies/ final report, mar. - dec. 1964	1965
19650060828	Feasibility study of the use of a barrel wear-reducing additive in navy guns	1965
19650060831	<studies of solar wind lunar phase effects on atmospheric and geophysical phenomena< first quarterly progress report	1965
19650060836	<doppler velocity and position /dovap/ program< monthly progress report, 1 - 30 nov. 1964	1965
19650060839	Application of hydrogen bacteria to bioregenerative life support systems. part i- urine in h. eutropha culture second quarterly progress report, 17 oct. - 16 dec. 1964	1965
19650060841	Analysis of liquid hammer in high flow rate lines	1965
19650060844	Avcs real time transmission study final report	1965
19650060845	Fundamental research in earth and planetary sciences semiannual report	1965
19650060856	Effects of an elastic spherical layer and a liquid core on the propagation of sh waves seismic data laboratory report no. 115	1965
19650060860	Studies in the field of turbulent boundary layer noise research progress report no. 8, dec. 15, 1964 - jan. 14, 1965	1965
19650060861	<nonlinear aspects of combustion instability in liquid propellant rocket motors< quarterly status report, 1 dec. 1964 - 28 feb. 1965	1965
19650060862	Radar geology calibration test areas third quarterly progress report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060863	Theoretical and experimental studies in ultraviolet solar physics including construction of laboratory prototype flight experiments semiannual status report no. 4, 1 aug. 1964 - 31 jan. 1965	1965
19650060864	Bounded phase-coordinate control third quarterly progress report, 15 dec. 1964 - 14 mar. 1965	1965
19650060871	Thin films formed by electrochemical reactions quarterly progress report no. 5, 1 sep. - 30 nov. 1964	1965
19650060873	Dynamic microstrain of niobium	1965
19650060874	The reaction of oxygen atoms with c2f4	1965
19650060875	Optimum filters for signal detection in clutter	1965
19650060876	Habit modification of sapphire and ruby crystals grown from molten salts	1965
19650060877	Low reynolds number flow of a dissociated gas about a catalytic cylinder	1965
19650060879	Explosives safety handbook	1965
19650060881	Fabrication and testing of liquid mercury cathodes in an electron bombardment ion thruster quarterly report no. 2, 1 nov. 1964 - 31 jan. 1965	1965
19650060882	Coanda effect as a rocket exhaust deflector literature survey	1965
19650060883	Sa-9 launch vehicle rf and telemetry systems description	1965
19650060888	<investigation of metabolic agent in african lung fish< quarterly report, 1 jan. - 31 mar. 1965	1965
19650060889	Study of geomagnetically trapped particles second semiannual status report, 1 sep. 1964 - 28 feb. 1965	1965
19650060890	<acquisition and processing of space radiation data through utilization of satellite-borne apl radiation detectors< status report	1965
19650060891	Analytical and experimental research in space physics including balloon and rocket flight experiments status report, 1 oct. 1964 - 31 mar. 1965	1965
19650060892	Thin oxide film memory unit technical report, jan. 1964 - jan. 1965	1965
19650060893	2.8-minute beamwidth, millimeter-wave antenna- measurement and evaluation	1965
19650060894	The mercury-photosensitized decomposition of perfluoropropene	1965
19650060895	Production of wing vi minuteman sr 19-aj-1 second-stage motors. weapon system 133b third quarterly report, 1 dec. 1964 - 28 feb. 1965	1965
19650060896	Aromatic organic laser development semiannual report, 1 jul. - 31 dec. 1964	1965
19650060899	<studies on the physiology of motivation< semiannual status report, 24 aug. 1964 - 24 feb. 1965	1965
19650060901	Failure effect analysis of masts and swing arms for ground support equipment, launch complex 37, saturn i sa-9 vehicle	1965
19650060903	<interdisciplinary space-oriented research in the physical, biological and engineering sciences< semiannual report, period ending feb. 28, 1965	1965
19650060906	Nasa propellant gas valve scale-up program quarterly report, 15 nov. 1964 - 15 feb. 1965	1965
19650060907	Investigation of acoustic performance of the wad concentric convergent exhaust nozzle final report	1965
19650060909	An adhesive system for conductor cables final report, may 13, 1964 - jan. 15, 1965	1965
19650060911	Study for an on-board electrical power system for a manned orbital space station third monthly progress report, 1 jul. - 6 aug. 1963	1965
19650060913	Medium temperature thrust vector control program	1965
19650060916	Snap-8 corrosion program quarterly progress report, period ending nov. 30, 1964	1965
19650060917	Performance characteristics of a magnetic annular arc research report no. 209	1965
19650060922	Study of detonation induction in solid propellants by liquid propellant explosions final report	1965
19650060925	Techniques for determining trajectory accuracy requirements final report	1965
19650060926	Delta range safety trajectory and aerodynamic data for the delta hs303a /comsat i/ spacecraft mission, volume ii	1965
19650060927	Manufacturing methods processes and development for cesium beam frequency standards interim engineering progress report, 9 dec. 1964 - 9 mar. 1965	1965
19650060928	Development of a manufacturing process for the production of .005 inch diameter beryllium wire interim engineering progress report, 20 may 1963 - 14 jan. 1965	1965
19650060929	Improved transportable h.f. direction finder set quarterly progress report, jun. 30 - oct. 31, 1964	1965
19650060930	Mission oriented investigation and experimentation advanced propulsion program, 1 july - 30 september 1964	1965
19650060931	Image-intensification device	1965
19650060933	Satellite concepts for structural effects measurements final report	1965
19650060934	Investigation of neodymium glass sun-pumped laser final report	1965
19650060935	Ion implantation junction techniques quarterly technical progress report, 16 nov. 1964 - 15 feb. 1965	1965
19650060936	Solid state laser amplifier quarterly report, 1 sep. - 30 nov. 1964	1965
19650060941	Research on millimeter wave tubes interim engineering report, 1 dec. 1964 - 28 feb. 1965	1965
19650060942	Investigation of single row roller airframe bearings for high temperature and high altitude use technical documentary report, may 1963 - jul. 1964	1965
19650060943	Infrared detectors interim report, 18 dec. 1964 - 18 mar. 1965	1965
19650060944	Investigation of four methods of obtaining an omnidirectional accelerometer - phase i	1965
19650060945	Evaluation of the steward-davis, inc., adjustable area exhaust nozzle for the model j34-we-34 engine on the sp-2e aircraft final report	1965
19650060946	Generator development, snap 50/spur program, electrical insulation development technical report, sep. 1961 - oct. 1964	1965
19650060947	Microbial deterioration of electronic components progress report, sep. 1 - nov. 30, 1964	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650060948	Development of a microelectronics processor interim engineering progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650060949	Spatial aiming of reconnaissance sensors technical report, 1 may 1963 - 15 nov. 1964	1965
19650060950	High temperature alkali metal resistant insulation final report	1965
19650060958	Technological Development of Throttling a Hybrid Propulsion System Fifth Monthly Letter Report, 1 - 31 Jan. 1965	1965
19650060964	Initial Investigation of Candidate Airbreathing First Stages	1965
19650060999	S-ivb/saturn v for planetary reconnaissance, volume i, book ii	1965
19650061020	Investigation of gelled liquid oxidizing agents quarterly progress report no. 1, jul. - sep. 1964	1965
19650061023	Spectroscopic and narrow-band radiometric measurements of ultraviolet radiation from missile plumes technical report, 20 feb. - 1 mar. 1964	1965
19650061026	Va-852 klystron amplifier development program final report	1965
19650061029	Superconducting bodybound gyro development of an experimental model final report, sep. 1, 1962 - sep. 30, 1964	1965
19650061033	Integrated components program, phase i. volume 1- technical accomplishments, part i final report	1965
19650061037	Integrated components program--phase i. volume 1- technical accomplishments, part ii final report no. 8017-f	1965
19650061039	Simulated altitude test of an atlantic research corporation xm-85 solid-propellant rocket motor /s/n t1-5/ spinning at 200 rpm	1965
19650061042	Throttleable Monocompound Rocket Engine Quarterly Progress Report, 11 Nov. - 10 Feb. 1965	1965
19650061052	Ceramic fiber optics interim technical report	1965
19650061055	On the investigation and demonstration of metallic cooled nozzles quarterly report no. 3, 15 oct. 1964 - 14 jan. 1965	1965
19650061064	Research motor containing high energy solid propellant formulation final report	1965
19650061065	Results of 22.059 percent scale sv-5d vehicle program 680-a hypersonic scorch, hinge moment and base pressure tests in tunnel c arnold center engineering report no. 13682	1965
19650061066	Long wavelength infrared detector development final report, oct. 1 - dec. 31, 1964	1965
19650061069	Hypersonic heat transfer test results from a 9.688 percent model sv-5d vehicle for program 680a in the martin hypersonic tunnel - second series	1965
19650061074	Chemical strengthening of ceramic materials quarterly report, 7 oct. 1964 - 7 jan. 1965	1965
19650061075	The lincoln calibration sphere	1965
19650061076	The nitrous oxide dosimeter - influence of cell diameter on the nitrogen yield	1965
19650061098	Integration of man and computer in prelaunch checkout of advanced space vehicles final report	1965
19650061101	Effect of increased water intake on blood composition and water balance <uber die wirkung gesteigerter wasserzufuhr auf blut- zusammensetzung und wasserbilanz<	1965
19650061102	Comparative measurements between an omegatron and bayard-alpert gage <vergleichsmessungen zwischen omegatron und bayard-alpert-rohre<	1965
19650061104	Evaluation of electron beam welds in thick materials second quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650061105	New switching concepts second quarterly progress report, 1 sep. - 30 nov. 1964	1965
19650061106	Microbial contamination of air force petroleum products	1965
19650061107	Development of a ku-band crossed-field amplifier /500 watt tube/ quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650061108	The measurement of the polarization and brightness distribution of venus at 10.6 cm wavelength	1965
19650061110	Research on dielectrics for microwave electron devices first quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650061112	Development of a point deformation rolling mill interim engineering progress report, 1 jan. - 31 mar. 1965	1965
19650061117	Theoretical and experimental study of rare earth ion fluorescence in crystals technical report, may 1963 - jan. 1965	1965
19650061118	Phase diagram for the tantalum-platinum alloy system technical documentary report, mar. 1962 - feb. 1965	1965
19650061120	Organic materials for electronic applications final report, jan. 1964 - jan. 1965	1965
19650061122	Vor system accuracy sdt design note no. 7	1965
19650061131	Development of an engineering prototype ion mass spectrometer for the mass analysis of the lunar surface monthly letter report no. 9, 1-31 mar. 1965	1965
19650061132	Study of a survivable capsule for the lunar survey probe technical report, phase b	1965
19650061133	Failure effect analysis of hold down arms for ground support equipment, launch complex 37, saturn i sa-9 vehicle	1965
19650061134	Failure effect analysis of pneumatic distribution and hydraulic power systems for ground support equipment, launch complex 37, saturn i sa-9 vehicle	1965
19650061135	Failure effect analysis of the propellant systems for ground support equipment, launch complex 37, saturn i sa-9 vehicle	1965
19650061136	Failure effect analysis of the pneumatic facility for ground support equipment, launch complex 37, saturn i sa-9 vehicle	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061137	Failure effect analysis of the environmental control system for ground support equipment, launch complex 37, saturn i sa-9 vehicle	1965
19650061138	Anaconda metal hose assembly, part number 82663 test report	1965
19650061139	Aeroquip corporation rubber hose assembly, part number a275503-20-32 test report	1965
19650061143	Development of ultrahigh strength, low density, aluminum plate composites seventh quarterly /progress report no. 21/ jan. 1 - mar. 31, 1965	1965
19650061144	Feasibility of objective color systems third quarterly progress report	1965
19650061145	Geoscience data extraction from radar imagery third quarterly progress report	1965
19650061146	Development of 5 million pound compressive and universal load cells summary status report, period ending 31 mar. 1965	1965
19650061147	Research and development of materials for use as lubricants in a liquid hydrogen environment quarterly progress report no. 3, phase ii, 1 jan. - 1 apr. 1965	1965
19650061148	Study of adhesion and cohesion in vacuum sixth quarterly report, 1 jan. - 1 apr. 1965	1965
19650061149	A minimum-noise, low temperature cooled parametric amplifier system with a simulated closed-cycle refrigerator system seventh monthly report, 1 jan. - 1 feb. 1965	1965
19650061151	Development of a coaxial plasma gun for space propulsion third quarterly progress report	1965
19650061154	Detector investigation for 8-15 and 100-4000 micron regions semiannual technical summary report no. 14, period ending 31 dec. 1964	1965
19650061155	Base non-tactical communications interference study	1965
19650061161	Nuclear pulse propulsion project /project orion/. volume iv- engineering experimental tests technical summary report, jul. 1963 - sep. 1964	1965
19650061163	High frequency backscatter studies annual report, 3 aug. 1963 - 3 aug. 1964	1965
19650061164	Studies leading toward chemical antimateriel agents for rubber technical memorandum, nov. 1962 - jul. 1964	1965
19650061165	Radiators for snap 50/spur	1965
19650061166	Development of high performance porous tungsten ionizers interim engineering progress report, 15 nov. 1964 - 15 feb. 1965	1965
19650061167	A practical lateral-extensometer for measuring the sum of stresses	1965
19650061168	Stress analysis of a parachute during inflation and at steady state technical documentary report, apr. 1963 - aug. 1964	1965
19650061169	Effect of length on recall of verbal series	1965
19650061170	Manufacturing in-process control and measuring techniques for integral electronics /uniformity, photoresist composition and removal, oxide structure and removal, resistivity and spiking/ interim engineering progress report no. 4, 1 nov. 1964 - 31 jan. 1965	1965
19650061175	Speech analysis techniques quarterly technical status report, nov. 1, 1964 - jan. 31, 1965	1965
19650061176	Feasibility study, research work, development models, and engineering models of tactical communication connector second technical progress report, 15 apr. - 1 dec. 1964	1965
19650061178	Radionuclide release from aero-space nuclear reactor fuels. ii- phase one- pulsed neutron irradiation of dry fuel	1965
19650061181	Research on materials essential to cryo- cooler technology quarterly progress report, dec. 1964 - feb. 1965	1965
19650061182	Model 876c auxiliary power unit and auxiliary power unit temperature probe technical report, 1 jun. - 31 dec. 1964	1965
19650061187	Suitability test of mast ab-577/grc for use with radio set an/grc-141 final report	1965
19650061189	Tables of thermophysical properties of materials technical report, jan. 1 - dec. 31, 1964	1965
19650061191	Apollo logistics support system scientific mission support study. study of sample experiments for engineering design purposes. final report	1965
19650061192	Chemical and physical properties of possible lunar materials	1965
19650061193	Required accuracy of geophysical measurements	1965
19650061194	A review of lunar magnetism and some applications of lunar magnetic measurements	1965
19650061195	Lunar subsurface electromagnetic probing	1965
19650061200	Project trap bibliography, june 1961 - december 1964	1965
19650061201	High-temperature adhesives and resins quarterly progress report, 15 oct. 1964 - 15 jan. 1965	1965
19650061204	Factors affecting the installation of airfield landing mats	1965
19650061217	Residual stresses in nb3sn coated stainless steel ribbon	1965
19650061220	Diode failure investigation, atlas ballistic missile all inertial guidance system	1965
19650061221	Design, development, qualification and testing of battery ba-494/ //u final report, mar. 1964 - jan. 1965	1965
19650061223	Stagnation point langmuir probe measurements in a supersonic argon plasma flow	1965
19650061224	Resistance welding of refractory metals second interim engineering progress report, 1 jan. - 1 apr. 1965	1965
19650061237	Determination of low-temperature fatigue properties of structural metal alloys quarterly progress report	1965
19650061241	Research in and application of modern automatic control theory to nuclear rocket dynamics and control, volume i semiannual status report, sep. 1, 1964 - feb. 1, 1965	1965
19650061242	Develop, design, manufacture and deliver a prototype self-calibrating accelerometer final report	1965
19650061244	Aeromedical reports 1965	1965
19650061245	Hydrogen exchange in the h20-b10h14-cineole system- suggested structure for mu-/eto/b10h13	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061248	The prospects for science and foundry research	1965
19650061250	Microelectronic power supplies interim report, 1 oct. - 25 dec. 1964	1965
19650061253	Solid state quarterly progress report, division 8, 1 oct. - 31 dec. 1964	1965
19650061257	The development of a reliable miniature beacon for radar tracking of research rockets and balloons	1965
19650061266	Optical range and range rate investigation addendum interim engineering report no. 5, 15 jul. - 15 oct. 1964	1965
19650061269	Operational test and evaluation. f-105f extended afterburner range	1965
19650061271	Preflight rating test of tx354-3 motor no. 6 castor ii program - report of firing	1965
19650061272	Mission oriented advanced nuclear system parameters study. volume iii- parametric mission performance data final report, apr. 1963 - mar. 1965	1965
19650061276	Development of gas bearing gyroscope, phase ii final technical report, oct. 28, 1963 - feb. 28, 1965	1965
19650061277	Aerobee kp 3.9 /s/n nasa 138/ meteorological data report, 13 january 1965	1965
19650061278	Development of stress relief treatments for high strength aluminum alloys quarterly progress report no. 5, 1 dec. 1964 - 28 feb. 1965	1965
19650061279	Technical aspects of a saturn vehicle fire detection system third informal quarterly report, 19 dec. - 19 mar. 1965	1965
19650061280	Influence of metabolic accumulation of products of hydrogenomonas cells on their continued growth progress report no. 2, 1 nov. 1964 - 30 apr. 1965	1965
19650061281	Perspectives on thrust vector control final report, jun. 1963 - feb. 1965	1965
19650061282	Experimental titanium cross beam manufacturing technology, phase ii report	1965
19650061284	Space materials handbook technical documentary report, jan. 1962 - oct. 1963	1965
19650061285	Ascent aerodynamic environment	1965
19650061286	The ascent vibration environment	1965
19650061287	Upper-atmosphere structure	1965
19650061288	Solar radiation	1965
19650061289	Albedo and earth radiation	1965
19650061290	Penetrating radiation	1965
19650061291	Physical impact phenomena	1965
19650061292	Minor environments	1965
19650061293	Thermal control materials	1965
19650061294	Optical materials	1965
19650061295	Materials for lubricated systems	1965
19650061296	Adhesives	1965
19650061297	Materials for sealing applications	1965
19650061298	Organic materials for structural and related applications	1965
19650061299	Antennas	1965
19650061300	Electronic components and materials	1965
19650061301	Metallic and ceramic materials for structural applications	1965
19650061302	Miscellaneous materials	1965
19650061303	Spacecraft materials experience	1965
19650061304	Selection of materials for optimum performance	1965
19650061305	An introduction to biological interaction with spacecraft materials	1965
19650061307	Basic engineering studies of techniques for acceleration of a particle to hypervelocity by an electrically heated propellant plasma status report, sep. 1, 1964 - mar. 1, 1965	1965
19650061308	An engineering design study and test program for the paravulcoon recovery system final report, 31 jul. 1963 - 31 aug. 1964	1965
19650061309	Accelerated deterioration of elastomers quarterly progress report, nov. 1, 1964 - jan. 31, 1965	1965
19650061310	Development of gallium arsenide-phosphide graded band-gap base transistor structures second interim engineering report, 23 sep. - 23 dec. 1964	1965
19650061313	Analysis of variance as a method for seismic signal detection	1965
19650061314	An algebraic study of shock structure	1965
19650061316	Nomographs for determining the relationships between pressure, range, altitude, and yield in the shock front resulting from a nuclear detonation	1965
19650061317	Northrop ventura's nuclear cloud sampling system final report	1965
19650061320	Procedure development - stl gyro compass st-143	1965
19650061322	Advanced techniques for ground spectral measurements final report, 31 may 1961 - 10 oct. 1964	1965
19650061323	An analytical method and stability data for 2, 5-diphenyl-p-benzoquinone /dpq/, an inhibitor in precoated hmx /cxm-1/	1965
19650061331	Fabrication of memory heads final report	1965
19650061332	Improved techniques for chemically milling connecting holes between layers of multilayer boards final report	1965
19650061333	Exploratory research on structural and high temperature materials and processes. neutron diffraction of hydrogen charged iron single crystals	1965
19650061334	Beta radiation corrosion detection study quarterly progress report	1965
19650061335	Apparatus for determining thermal conductivity of insulation materials final report	1965
19650061336	Sealed cavity /fuzel/ leakage detection and measurement	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061337	The mechanical and micromechanical properties of boron final report, 1 jan. - 31 dec. 1964	1965
19650061340	Space Technology Analysis and Mission Planning - /stamp/ Detailed Technical Report	1965
19650061342	A study of the use of vapor and vacuum deposition technique for the development of high strength filamentary materials third quarterly progress report, 23 oct. 1964 - 22 jan. 1965	1965
19650061343	Space technology analysis and mission planning /stamp/ summary report	1965
19650061349	High-current-density cathode-ray tube electron source quarterly progress report, 1 oct. 1964 - 1 jan. 1965	1965
19650061351	Thin film image converter seventh interim technical progress report, oct. 24, 1964 - feb. 23, 1965	1965
19650061352	Single crystals of ferrite and ferroelectric materials 1st quarterly progress report, nov. 15, 1964 - feb. 15, 1965	1965
19650061353	Fourier methods in visual psychophysics second interim technical report	1965
19650061354	[No Title]	1965
19650061355	Extra flexible tactical cable third quarterly report, 1 oct. - 31 dec. 1964	1965
19650061356	Vulnerability study of ch-47a helicopter components final report, jun. 9 - oct. 9, 1964	1965
19650061357	The shock and vibration bulletin	1965
19650061358	Pitfalls in random simulation	1965
19650061359	Vibration measurements	1965
19650061360	Force-controlled vibration tests- a step toward practical application of mechanical impedance	1965
19650061361	Selection of vibration test levels using fatigue criteria	1965
19650061362	Analog experiments compare improved sweep random test with wide band random and sweep sine tests	1965
19650061363	Simulating missile-firing acoustical environment by equivalent mechanical vibration	1965
19650061364	Test control devices - snap 10a vibration test program	1965
19650061365	Transmission of vibration test forces by means of viscoelastic layers	1965
19650061366	Free-free bending vibration measurements of the oao boost vehicle utilizing air-brearing support	1965
19650061367	The response of the ogo spacecraft structure to high-intensity acoustic loading	1965
19650061368	A low-level vibration test system	1965
19650061369	System resonance, a function of vibration test parameters	1965
19650061370	A temperature comptroller for combined temperature-vibration tests	1965
19650061371	Vibration response characteristics of viscoelastic-damped structures	1965
19650061372	Material damping of aluminum by resonance- dwell technique	1965
19650061373	Effect of pressure environment on damping of vibrating structures	1965
19650061374	Development of highly damped submarine machinery foundation	1965
19650061375	Designing structures for acoustical and vibration environments	1965
19650061376	Equalization and fixture design	1965
19650061377	Development of a laminated vibration fixture material	1965
19650061378	A report on the design of integrated horizontal axis vibration fixtures	1965
19650061379	Design of large vibration fixtures for saturn s-iv stage design development and qualification program	1965
19650061380	Shaker attachments for aerospace ground equipment in portable cases for vibration tests	1965
19650061381	Design criteria for vibration fixtures	1965
19650061382	Design and utilization of environmental test fixtures	1965
19650061383	Designing tight bolted joints for vibration environment	1965
19650061384	Fixture design panel session	1965
19650061407	Theoretical and experimental characterization of a technique for extinguishment of solid propellant rocket motors // third technical progress report, 16 dec. 1964 - 15 mar. 1965	1965
19650061408	High chamber pressure rocketry program quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650061410	Selected synthesis by fission fragment recoil quarterly progress report, 1 oct - 31 dec. 1964	1965
19650061413	Rod lethality studies technical report, feb. 1963 - 31 jul. 1964	1965
19650061414	A study of propellants containing diisocyanates. part v- the effect of 2-nitrodiphenylamine and degassing temperature	1965
19650061417	A study of the explosion limits of simple difluoramino compounds quarterly technical summary report, oct. 1 - dec. 31, 1964	1965
19650061418	The demonstration of advanced technology in a high-performance solid-propellant rocket motor sixth quarterly technical progress report, oct. 1 - dec. 31, 1964	1965
19650061425	Synthesis of inorganic oxidizers quarterly progress report, dec. 1, 1964 - mar. 1, 1965	1965
19650061427	Research in fluoro-nitro compounds quarterly technical summary report, 1 oct. - 31 dec. 1964	1965
19650061436	Damage assessment display data presentation techniques study. volume ii- appendixes	1965
19650061440	Physical effects of gamma rays on plastic- bonded hmx and datb compositions, group 11	1965
19650061441	Weapon system 133b- rocket motor m57e1, minuteman stage iii. flight test missile 450 flight test evaluation report	1965
19650061448	Satellites and probes program progress report, mar. 1965	1965
19650061449	A study of systems for space propulsion quarterly progress report no. 16, 1 nov. 1964 - 31 jan. 1965	1965
19650061450	Improved delta quarterly technical progress report, jan. - mar. 1965	1965
19650061451	Agema b - stability and response during isis-x spacecraft separation maneuvers	1965
19650061452	Launch operations plan for isis-x project	1965
19650061454	Cardair high-pressure couplings, part number 3510-0008 test report	1965
19650061455	Pressure switch, custom component switch, inc., part number 643gh-21s test report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061465	Experimental feasibility investigation of a monopulse flight data measurement technique final report, may 1963 - dec. 1964	1965
19650061467	Effect of cycle profile on the biaxial compressive fatigue performance of filament wound laminates technical summary report, 1 apr. - 31 dec. 1964	1965
19650061470	Fourth-stage scout rocket motor program semimonthly progress report no. 15, 16-31 dec. 1964	1965
19650061471	In-flight feeding system first interim report, feb. 1963 - mar. 1964	1965
19650061472	A contribution to the study of losses in high tension power lines as a result of fog <contribution a l'etude des pertes dans les lignes de transport d'energie electrique a haute tension continue par brouillard->	1965
19650061473	Relationship of enroute/terminal area air traffic control subsystems design note no. 3	1965
19650061474	Decision networks development planning memo	1965
19650061475	Research on ablative compositions semiannual summary report, 15 jul. 1964 - 15 jan. 1965	1965
19650061477	Fatigue comparison study - theodolite operation - ws-133a - ws133afm st-140	1965
19650061479	Wideband velocity filtering with a white-light source	1965
19650061481	Cryogenic insulation research quarterly progress report no. 2, 1 oct. 1964 - 1 mar. 1965	1965
19650061484	Contribution to the structure and dimensioning of thin-walled structural members of glass-fiber-reinforced synthetic laminates, absorbing normal and tangential forces <ein beitrug zur struktur und dimensionierung dunnwandiger, normal- und tangentialkrafte aufnehmender bauteile aus gfk-laminaten->	1965
19650061485	Estimation of body burden on excretion analysis <haisetsubutsu no bunseki ni yoru tainairyo no santei->	1965
19650061486	Sliding friction tests with teflon <gleitreibungsversuche mit teflon->	1965
19650061490	Techniques for the use of phosphoric acid additive in the lead-calcium grid battery progress report	1965
19650061491	Shelf life and serviceability test of rocket motor 14-ds-1000 airmunitions test report	1965
19650061492	Scattering from a turbulent overdense surface	1965
19650061493	Seismic discrimination semiannual technical summary, 1 jul. - 31 dec. 1964	1965
19650061495	Tow target designed to fly an offset flight path- design and test data	1965
19650061503	Thermal process control of airborne electronic equipment phase report	1965
19650061520	Project trade post. test area g- multiplex performance final program report	1965
19650061521	An evaluation of equivalent grades of sintered carbide inserts	1965
19650061530	Adaption of surface stressmeters to strain sensitive resin studies final report	1965
19650061531	On the possibility of using the blasius methods in solving boundary layer equations with present condition for a longitudinal velocity component on the wall	1965
19650061532	Radioisotope propulsion technology monthly letter report, 1 - 31 mar. 1965	1965
19650061538	Optical range and range rate investigation interim engineering report no. 5, 15 jul. - 15 oct. 1964	1965
19650061540	Development of a propellant containing a high-energy oxidizer third quarterly technical progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650061543	Improved insulators for rocket motors quarterly progress report, dec. 1, 1964 - feb. 28, 1965	1965
19650061544	Synthetic chemistry quarterly progress report, oct. 1 - dec. 31, 1964	1965
19650061545	Development of a light metal hydride hybrid system fifth quarterly progress report, 16 nov. 1964 - 31 jan. 1965	1965
19650061550	Helium injection as a means of creating electromagnetic windows	1965
19650061558	Performance prediction report for low observable reentry vehicle /lorv/-s7	1965
19650061567	Research in re-entry physics final technical summary report, 28 jun. 1963 - 15 feb. 1965	1965
19650061572	Downrange data report- arpat flight no. 003	1965
19650061577	Laboratory high temperature spectroscopy final status report, 1964	1965
19650061580	A study of the reliability of electronic components in a nuclear-radiation environment eighth quarterly report	1965
19650061581	Arc jet technology research and development third quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650061583	Trajectory study for advanced lunar missions fourth monthly progress report	1965
19650061584	Investigation of foamed metals for application on space capsules quarterly report no. 5, oct. 1 - dec. 31, 1964	1965
19650061585	Analysis of electron-ion mixing in ion engines quarterly report no. 3, 1 nov. 1964 - 31 jan. 1965	1965
19650061586	Applicable documentation for the oso-c spacecraft mission	1965
19650061587	Thermodynamic data on highly heated air. ii- review of error sources in calculations <thermodynamische daten von hocherhitzter luft. ii- ubersicht uber fehlerquellen bei den berechnungen->	1965
19650061588	The influence of system geometry and operating conditions on the sensitivity of a bayard-alpert gage <uber den einfluss der systemgeometrie und der betriebsbedingungen auf die gasionenkonstante von ionisationsmanometerrohren nach bayard-alpert->	1965
19650061589	The muscular force of the flexors and extensors of the leg <die muskelfraft der beuger und strecker des unterschenkels->	1965
19650061590	Muscular force and muscle training in males and females <muskelfraft und muskeltraining bei frauen und mannern->	1965
19650061593	The effects of gaseous contaminants in the welding atmosphere on the surface color and hardness of weld deposits on ti-721 alloy titanium plate progress report	1965
19650061594	Weapon system 107a-2- product engineering program. expandable nozzles and ablative thrust chamber quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650061596	Meteorological rocket systems	1965
19650061597	Alloy and dispersion strengthening by powder metallurgy	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061598	Rheology of fluids thickened with boron nitride technical report, sep. 1963 - aug. 1964	1965
19650061599	Vernier techniques for analog to residue number system /rns/ converters technical report, 1 jul. 1963 - 30 oct. 1964	1965
19650061600	Summary of research in logical theory of adaptive systems final report, nov. 1963 - nov. 1964	1965
19650061601	Development of structural design criteria from statistical flight data technical report, jun. 1959 - aug. 1960	1965
19650061603	Atmospheric propagation studies at optical, millimeter, and microwave frequencies. part 1- experimental instrumentation. techniques, and data analysis	1965
19650061604	The application of vibrational energy to the drawing of metallic materials, phase i interim engineering progress report, 16 nov. 1964 - 15 feb. 1965	1965
19650061605	Automated methods for maintaining solution used for chemical milling process final report	1965
19650061606	Dentacryl as a new bearing material	1965
19650061610	Optimization of two-burn direct ascent trajectories for rendezvous	1965
19650061612	Project sleigh ride- quality assurance/ quality control program plan	1965
19650061616	Precise measurements of viscosity at temperatures up to 1100 deg c in ionic melts	1965
19650061622	A preliminary climatological study of the atmospheric refraction index from mean sea level to 25,000 feet at eglin air force base, florida	1965
19650061623	Automatic recording apparatus for compound thermal analysis	1965
19650061624	Aerospace nuclear safety quarterly report, 1 jan. - 31 mar. 1965	1965
19650061625	An analysis of recent vor developments national aviation system design note no. 8	1965
19650061628	Process improvement of columbium /cb-752/ alloy final technical report, 1 jul. 1963 - 31 jan. 1965	1965
19650061629	A study of solid-propellant rocket motor exposed materials behavior final report	1965
19650061630	Para-ortho shift of hydrogen by diffusion through thin metal membranes	1965
19650061632	Discrepancy analysis of preflight equipment failures. medium space vehicles programs	1965
19650061635	Ossa Program Supporting Research Projects, Part III Semiannual Progress Report, Jul. 1, 1964 - Jan. 1, 1965	1965
19650061638	Sa-201 Launch Vehicle Reference Trajectory	1965
19650061641	Study of scientific mission support of a lunar exploration system for apollo /lesa/ interim report ii	1965
19650061642	Sa-9 flight test data report	1965
19650061643	Mariner c shroud failure evaluation /vehicle 6931/ final report	1965
19650061644	Development and qualification test plan isis-x mission	1965
19650061667	Cleaning of etched holes prior to plating and filling final report	1965
19650061670	Electrometric methods of end-point indication for the argentometric titration of microgram amounts of chloride	1965
19650061673	Studies of low friction coatings for vulcanized elastomers progress report, 9 oct. 1964 - 8 jan. 1965	1965
19650061679	Results of investigations concerning the biological effect of a series of cosmic flight factors	1965
19650061683	S-c band o-type multipurpose twt manufacturing methods program interim engineering progress report, 1 nov. 1964 - 1 feb. 1965	1965
19650061685	O2 servicing system cryogenic demonstration test summary report	1965
19650061686	Uhf small signal transistor third quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650061687	High current tunnel diodes for inverter circuits final report, dec. 1, 1963 - mar. 15, 1965	1965
19650061688	Fiber-reinforced metallic composite materials, phase 1 interim engineering progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650061689	Improved thin-film solar cells quarterly progress report, nov. 16, 1964 - feb. 15, 1965	1965
19650061694	Service suitability evaluation of the beech model 385 air refueling store on the f-4 airplane final report	1965
19650061696	Model study of ionosphere perturbations and propagation between two sites quarterly report, 1 oct. 1964 - 1 jan. 1965	1965
19650061697	Daily and monthly northern hemisphere 30-millibar synoptic weather maps of the year 1964, part iii, july - september quarterly technical status report	1965
19650061700	Flight test results of black brant iia /cc ii-29 and 30/ fired at churchill research range, january 1964	1965
19650061701	Investigation of a 15-kw solar dynamic power system for space application, volume i summary report, jun. 1960 - dec. 1964	1965
19650061702	Investigation of a 15-kw solar dynamic power system for space application, volume ii	1965
19650061703	Investigation of a 15-kw solar dynamic power system for space application, volume iii	1965
19650061712	Advanced earth storable liquid propellants final report, 15 jun. 1963 - 14 dec. 1964	1965
19650061716	[No Title]	1965
19650061718	Expandable exit cones for rocket engines, volume 2 final report	1965
19650061719	Experimental evaluation of hybaline b3	1965
19650061722	Investigation of fundamental phenomena in hybrid propulsion third quarterly report, 1 dec. 1964 - 28 feb. 1965	1965
19650061723	Fundamental research on the direct fluorination of organic compounds quarterly progress report, dec. 1964 - feb. 1965	1965
19650061725	Start-stop-restart capability in a solid propellant rocket motor	1965
19650061726	Integrated components program, phase ii quarterly progress report, 16 dec. 1964 - 15 mar. 1965	1965
19650061727	A study of storable prepackaged hybrid propulsion systems final report, 15 may - 14 dec. 1964	1965
19650061728	Research in high-energy propellant ingredients, 1 december 1964 - 28 february 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061730	Applied research and advanced technology for the supersonic combustion ramjet for 1964. part 1- design and analysis, fuel injection and combustion, nozzles, structures, and control system studies final report, mar. - dec. 1964	1965
19650061731	An evaluation of the diazo-coupling method for determining unreacted 2-nitrodiphenylamine in aged propellants	1965
19650061732	High energy advanced throttling concept study technical report no. 2, 1 oct. - 31 dec. 1964	1965
19650061737	Titan iii-a clearances from umbilical booms etr tests 4751, 6505, 0051	1965
19650061739	Research on advanced solid propellants quarterly progress report, dec. 11, 1964 - mar. 10, 1965	1965
19650061743	Exploratory propellant research semiannual report no. 4, apr. - oct. 1964	1965
19650061745	Feasibility demonstration for direct chamber bleed hot gas secondary injection thrust vector control quarterly progress report no. 3, 1 dec. 1964 - 28 feb. 1965	1965
19650061753	Studies of intermetallic compounds containing lanthanides final report, 1 dec. 1962 - 30 nov. 1964	1965
19650061754	Magnetic characteristics of lanthanide-silver compounds having the csc1 structure	1965
19650061755	Magnetic and structural characteristics of lanthanide-copper compounds	1965
19650061768	Gemini Dynamic Test Procedures GDT-134	1965
19650061773	Clinical nutritional study of minimal protein and caloric requirements semiannual report	1965
19650061774	Isis-x- spin-up and coast-down analysis, preliminary	1965
19650061777	Survey and analysis of intercept equations	1965
19650061782	Laser materials technical summary report, 1 apr. - 31 dec. 1964	1965
19650061787	Development and statistical analysis evaluation of melting and transverse properties of high-strength /h-11 type/ steel final report, 1 apr. 1959 - 30 nov. 1964	1965
19650061788	Harmonic generators of pulsed microwave power final technical documentary report, 15 aug. 1963 - 15 nov. 1964	1965
19650061789	Research on solid state optical masers final report, apr. 1962 - nov. 1964	1965
19650061790	A study of system-coupled longitudinal instabilities in liquid rockets. special report no. 1- analytic model	1965
19650061791	The thermophysical properties of plastic materials from -50 deg f to over 700 deg f final report, 15 jan. 1964 - 22 jan. 1965	1965
19650061793	Phase and amplitude control for arrays with increased directivity	1965
19650061794	Progress report on high "g" telemetry	1965
19650061795	A simple infrared spectroscopic method for the determination of nitrogen dioxide in nitric oxide	1965
19650061796	Ku-band triode and cavity combination cw oscillator third quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650061798	Formant tracking speech bandwidth compression system improvements	1965
19650061801	Techniques for integration of active elements into antennas and antenna structure interim engineering report, 1 dec., 1964 - 28 feb. 1965	1965
19650061802	Study of oxides for o2 - n2 separation ninth quarterly progress report, 15 jan. - 15 apr. 1965	1965
19650061807	Wind tunnel investigation of the afmcd components test sled with four booster configurations at transonic speeds	1965
19650061809	Continuous enlarging printer final technical report, jan. 1962 - jan. 1964	1965
19650061810	Evaluation of 18ni-co-mo maraging steel	1965
19650061811	Evaluation of torque control vs displacement method for tightening flareless fittings	1965
19650061813	The development and evaluation of tungsten- base alloys progress report, 10 oct. 1964 - 10 jan. 1965	1965
19650061817	Study of deployment procedures for lunar exploration systems for apollo /lesa/, summary digest final report	1965
19650061820	An introduction to zero-g research at the royal aircraft establishment	1965
19650061824	Rockets in planetary space	1965
19650061826	Soviet bioscience research in space	1965
19650061839	Passive echo communications progress report, jun. 1964 - mar. 1965	1965
19650061851	The general and comparative biology of terrestrial organisms under experimental stress conditions semiannual report	1965
19650061852	Remote lunar vehicle guidance study status report, jul. 1964 - jan. 1965	1965
19650061853	Instrumentation operations analysis for saturn/apollo vehicle sa-9	1965
19650061859	<visibility studies< quarterly report, 1 jan. - 31 mar. 1965	1965
19650061863	Pressure transducer for measuring shock wave profiles. phase x- measurement of low- pressure shock wave profiles progress reports, 1 - 31 jan. 1965	1965
19650061867	Atmospheric sciences	1965
19650061871	Oak ridge national laboratory status and progress report, april 1965	1965
19650061878	Assessment of changes in collision risk of north atlantic air traffic from changes in the reported sighting rate	1965
19650061885	<snap 50/spur nuclear mechanical power unit program< quarterly technical progress report, nov. 1 - dec 31, 1964	1965
19650061886	Mercury-sensitized photolysis of c2f4	1965
19650061889	Study and experimentation on modulation degradation by ionized flow fields final report, dec. 1963 - nov. 1964	1965
19650061891	Adhesive bonding of die-cast aluminum /no. 38 alloy/ to steel /no. 4140 alloy/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650061893	Hypervelocity range program /hyrap/ first quarterly report, 1 sep. - 31 dec. 1964	1965
19650061895	Further deductions from the transatlantic oblique-incidence sounding experiments between ottawa and den haag	1965
19650061897	Uhf telemetry acquisition and tracking techniques technical report, nov. 1963 - feb. 1965	1965
19650061902	Absorption, photoionization, and fluorescence of some gases of importance in the study of the upper atmosphere	1965
19650061903	Hypervelocity kill mechanisms program, aerothermal phase semiannual progress report, period ending 1 feb. 1965	1965
19650061905	Investigation on recovery and precipitation in al-mg 5 percent alloy final report, jan. 1 - dec. 31 1964	1965
19650061906	Simulated altitude test of an atlantic research corporation xm-85 solid-propellant rocket motor /s/n t1-2/ spinning at 200 rpm	1965
19650061909	Liquid propellant research evaluation quarterly report, 1 oct. - 31 dec. 1964	1965
19650061912	Production cost study for 260-inch-diameter solid propellant rocket motor	1965
19650061914	Characteristic exponents of the five equilibrium solutions in the elliptically restricted problem	1965
19650061923	Sense function alteration by ionizing rays- transducer and transmitter phenomena final technical report, sep. 15, 1963 - may 31, 1965	1965
19650061924	Measurement and in-process control of small bores interim engineering progress report, 15 dec. 1964 - 15 mar. 1965	1965
19650061925	Thin-film polycrystalline field-effect triode second quarterly report, 1 oct. - 31 dec. 1964	1965
19650061926	Hazardous exposure to intermittent and steady-state noise	1965
19650061927	C.v.d. projects progress summary, aug. - nov. 1964	1965
19650061929	Research investigation of magnetic and electric forces for rotating shaft suspension	1965
19650061930	Oscillator strengths for the delta v equals 0 and delta v equals 1 transitions of the c2 swan-band system behind reflected shock waves /task 3.5 experimental gas dynamics -- rest program/	1965
19650061931	Flight report for vehicle s/n 374/20107/20105, delta program-mission no. 28 spacecraft- tiros i	1965
19650061932	Flight report for vehicle s/n 411/20110/20003, delta program-mission no. 29 spacecraft- oso-b2	1965
19650061936	Static stability characteristics of the big q vehicle at mach numbers from 0.8 to 1.5	1965
19650061938	Studies on polymeric materials for the detection of chemical agents progress report, 8 aug. - 15 dec. 1964	1965
19650061939	A simplified field method for adhesive bonding of a polyurethane erosion protective material to helicopter rotor blades final report	1965
19650061942	<a review of seven studies of geomagnetic pulsations associated with auroral zone disturbance phenomena. some characteristics of geomagnetic pulsations at frequencies near 1 c/s< semiannual report, jul. 1 - dec. 31, 1964	1965
19650061944	Low-cycle fatigue behavior of internally pressurized boxes	1965
19650061945	Investigation on stability of refractory phases final technical report, 1 jan. - 31 dec. 1964	1965
19650061947	Stable pyrolysis products of cellulose exposed to intense thermal radiation	1965
19650061953	The cross-linking of methyl-vinyl silicones with organic peroxides	1965
19650061968	The application of microwaves to low-intercept short-haul communication final report	1965
19650061975	Minuteman data book section 4.0, issue no. 2, stage ii motor - /aerogjet-general/	1965
19650061979	Development of compact multi-turn loop antennas for manpack and vehicular use second quarterly report, 1 nov. 1964 - 31 jan. 1965	1965
19650061981	Tracking system	1965
19650061985	The effects of isolation, sensory deprivation and sensory rearrangement on visual, auditory and somesthetic sensation, perception and spatial orientation progress report, sep. 1, 1964 - mar. 1, 1965	1965
19650061987	<investigation of the relation between solar variations and weather on earth as shown by study of simultaneous data from the sun, mariner ii, near earth satellites and the atmosphere below the mesosphere< second quarterly progress report	1965
19650061988	The solids-load potential of ammonium perchlorate	1965
19650061990	Effect of aluminum additives and binder level on the burning rate of cardeplex propellants	1965
19650061991	Instrumentation system of carde black brant rockets cc ii 49 and 61	1965
19650061992	Deployment techniques of balloon-borne barocoder antenna mk i	1965
19650061994	Anti-picolinaldehyde oxime	1965
19650061996	Infrared optical materials with transmission in the 8-14 microns and 1-10 millimeters regions final report, jun. 16, 1962 - oct. 15, 1964	1965
19650061997	Meteorological rocket operations on the atlantic missile range, 1 april 1960 - 30 april 1964	1965
19650061999	A fast-rise medium-power magnetron modulator	1965
19650062001	Opto-detector research final technical report, may 1963 - dec. 1964	1965
19650062002	Structural flight loads data from t-38 aircraft final report, 3 sep. 1963 - 31 jul. 1964	1965
19650062003	Kc-135b /ec-135c/ limited category ii performance test	1965
19650062004	Information analysis of sonic signals in homey bee communications technical report, may 1964 - feb. 1965	1965
19650062005	A longitudinal analysis of the refractive characteristics of chimpanzees interim report, aug. 1964	1965
19650062006	Refractory alloy foil rolling development program final report, 15 jun. 1962 - 18 jan. 1965	1965
19650062007	Dispersive characteristics of the ionosphere interim report no. 3, 1 aug. - 30 nov. 1964	1965
19650062008	Coherent optical array techniques third quarterly interim report, 1 sep. - 30 nov. 1964	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062009	Development of experimental electronically tuned, decade-bandwidth receiver interim report, jul. - nov. 1964	1965
19650062011	Rain repellent interim report, 16 oct. 1964 - 1 feb. 1965	1965
19650062012	Annual report of the defence research tele- communications establishment - 1964	1965
19650062014	<milestones and technical progress accomplished at the john f. kennedy space center< technical progress report cy-1964, 1 jul. - 31 dec. 1964 /third and fourth quarter/	1965
19650062017	Molecular beam surface interaction quarterly progress report, 15 jan. - 15 apr. 1965	1965
19650062018	Document indexing and retrieval system applied to msfc-adl-258a monthly technical progress report, mar. 1965	1965
19650062020	Development of improved conversion coatings for aluminum alloys quarterly progress report, nov. 1964 - jan. 1965	1965
19650062021	Interplanetary mission support requirements	1965
19650062022	Investigation of a subliming solid bipropellant control rocket monthly progress report no. 11, mar. 1 - 31, 1965	1965
19650062024	Composition, energy spectrum, and intensity of the primary cosmic radiation as a function of time semiannual status reports no. 7 and 8, may 1964 - 30 apr. 1965	1965
19650062026	Infrared and ultraviolet studies of terrestrial materials status report, jan. 1 - mar. 31, 1965	1965
19650062027	Launch vehicle guidance equations for the saturn ib sa-201 mission	1965
19650062028	<development of a prototype sunblazer spacecraft< third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650062029	Determination of minimum concentrations of environmental water capable of supporting life semiannual report, 1 nov. 1964 - 30 apr. 1965	1965
19650062030	Development of instrumentation to search for neutrons and gamma rays from solar surface nuclear reactions quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650062032	Diffraction effects from faults in ultra pure carbon and stacking faults in alpha uranium technical report no. 9	1965
19650062033	Liquid laser parameters semiannual technical report, 1 aug. 1964 - 31 jan. 1965	1965
19650062035	X-ray diffraction from deformed cerium- effects due to extrinsic stacking faults technical report no. 11	1965
19650062036	Very-high-power vlf systems	1965
19650062038	Mosaic radar study program quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650062039	Collective protection for command post vehicles sixth monthly progress report, 1 - 31 dec. 1964	1965
19650062041	Measurement of drier metals	1965
19650062043	Fluid mechanics in england. introduction and part i	1965
19650062044	Tropical service life of electronic parts and materials sixth quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650062045	Passive probing in the microwave region and microwave absorption properties of oxygen	1965
19650062046	Exact design techniques for microwave tem filters quarterly progress report no. 1, 1 nov. 1964 - 31 jan. 1965	1965
19650062047	An approximate analytical derivation of skin friction and heat transfer in laminar binary boundary layer flow interim report, sep. 1963 - jun. 1964	1965
19650062048	Chimpanzee performance during sustained trans- verse acceleration	1965
19650062049	Space communications quarterly technical summary, 1 dec. 1964 - 28 feb. 1965	1965
19650062050	Operational test and evaluation of the an/ale-1 and p-2 leaflet dispensers	1965
19650062051	Infrared to visible conversion in crystals quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650062054	Data logging system for a night irradiance meter	1965
19650062055	Results of investigations on the contamination of optical glass by fungi <ergebnisse voa untersuchungen uber schaden an optischen glasern durch pilze<	1965
19650062056	Oxidizer stability progress report, dec. 15, 1964 - mar. 14, 1965	1965
19650062058	Results of a simulation study to determine the effectiveness of a two-color background discrimination technique	1965
19650062062	Wind tunnel investigation of an inlet geometry control system in a full-scale f-111 inlet model	1965
19650062066	Rocket propulsion system reliability and man rating analysis. volume i- rocket propulsion systems analysis and simulation studies final report, jan. - dec. 1964	1965
19650062068	Research on high energy rocket oxidizers third technical progress report, dec. 15, 1964 - mar. 14, 1965	1965
19650062069	Damage assessment display. data presentation techniques study final report	1965
19650062070	Evaluation of high-energy materials as liquid propellants quarterly progress report, 18 jan. - 31 mar. 1965	1965
19650062073	Maneuvering satellite propulsion system demonstration quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650062074	Dual-chamber controllable solid propellant rocket motor seventh quarterly report, 10 nov. 1964 - 9 feb. 1965	1965
19650062078	The formulation of new high energy storable propellants first quarterly report, 15 dec. 1964 - 14 mar. 1965	1965
19650062080	Fabricate, test and deliver /15/ c70064 /pip iii/ image intensifier tubes final report, dec. 1963 - dec. 1964	1965
19650062082	Research on increased red sensitivity trialkaline photocathodes quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650062083	Shipboard self-interference research report, jun. 1962 - oct. 1964	1965
19650062084	Determine feasibility of modifying certain physico-chemical parameters of liquid propellants final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062086	Foliage propagation measurements. volume ii- appendices	1965
19650062087	Experimental and Theoretical Investigation of the Rocket Engine-Nozzle Ejector /Rene/ Propulsion System	1965
19650062088	An experimental verification of the indicial flutter analysis procedure technical report, nov. 1963 - oct. 1964	1965
19650062089	The chemistry of rare gases quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650062093	Synthesis of high energy solid oxidizer binder propellants annual summary report no. 3, jan. 1 - dec. 31, 1964	1965
19650062096	Performance prediction report for low-observable reentry vehicle /lorv/ 17	1965
19650062097	Low observable reentry vehicle program- general flight test and experimental plan large scale and subscale test vehicles	1965
19650062098	Development of electrostatic accelerometer technical documentary report, jun. 1959 - aug. 1963	1965
19650062116	Quarterly progress report no. 3, 15 december 1964 - 15 march 1965	1965
19650062120	Studies of explosive charges for explosive echo ranging	1965
19650062121	Annular nozzle program quarterly report, dec. 1964 - feb. 1965	1965
19650062122	Design considerations of the hdl pneumatic temperature sensor	1965
19650062127	Foliage propagation measurements. volume i- one-way path measurements, 1963-1964	1965
19650062129	High-acceleration, long-range missiles- trajectory characteristics and defense implications	1965
19650062134	Simulated High Altitude Testing of a Flightweight Te-364-1 Solid-Propellant Retrograde Rocket Motor for the Surveyor Lunar Spacecraft /Phase II-Quality Testing/ /Motor S/N A21-17/	1965
19650062142	Weapon system 133a- minuteman stage iii surveillance quarterly report, 1 oct. - 31 dec. 1964	1965
19650062143	Development of 40mm image intensifier tube interim technical progress report, 1 oct. - 31 dec. 1964	1965
19650062144	Wind tunnel investigation of a full-scale f-111 propulsion system at subsonic and supersonic mach numbers	1965
19650062145	Sandwich rocket motor case, loading and test firing final technical engineering report	1965
19650062149	Organic preparations laboratory annual progress report, 1 mar. 1964 - 1 mar. 1965	1965
19650062150	Research directed toward development of a coherent infrared ranging and seeker system final report	1965
19650062151	Research on multi-element array deposition techniques final report	1965
19650062156	<x-841-d klystron tubes< final technical report	1965
19650062157	Effect of the kinetics of contaminants on wake ionization	1965
19650062159	Advanced orbital launch operations study executive summary report	1965
19650062160	Data evaluation of ground and environmental measurements on sa-9 launch final report	1965
19650062166	Studies on shock wave pressure-time gauges. v- the gauge testing laboratory	1965
19650062168	Tests to determine the usefulness of vehicular instrumentation to predict aircraft stopping distances	1965
19650062170	"beauregard" critical diameter tests of second stage minuteman wing vi motor propellant	1965
19650062172	Investigation of boride compounds for very high temperature applications technical documentary report, oct. 1963 - nov. 1964	1965
19650062173	Investigation of high-temperature refractory metals and alloys for thermionic converters	1965
19650062174	Liquid-metal-lubricated bearing instrumenta- tion. part i- prototype sensor performance with simulated film final technical report, 15 nov. 1963 - 15 dec. 1964	1965
19650062175	Semi-rigid or non-rigid structures for re-entry applications eighth interim progress report, 16 dec. 1964 - 15 mar. 1965	1965
19650062176	Qk1242 research program, the electron beam phase shifter final report, 20 jun. 1963 - 31 aug. 1964	1965
19650062177	Metallized propellant simulant pumping	1965
19650062178	Investigation of microwave phase and time delay equalizers quarterly report, 1 sep. - 31 dec. 1964	1965
19650062179	Complex shapes by slip casting interim report /phase ii/, 1 feb. - 1 may 1965	1965
19650062181	Design techniques for structurally supported radomes. volume 1- metal framework summary technical report, 27 jan. 1964 - 27 jan. 1965	1965
19650062182	Research in troposcatter mechanism final report, 26 jun. 1963 - 26 oct. 1964	1965
19650062183	Field effect on magnetoresistance of n-type indium antimonide	1965
19650062184	Design and development of an electromagnetic window for air lift reentry vehicles summary report no. 2, 1 feb. 1964 - 28 feb. 1965	1965
19650062185	Seventh israeli annual conference on aviation and astronautics	1965
19650062189	Fluorocarbon polymers- the polymerization of perfluorostyrene	1965
19650062190	New developments research program	1965
19650062191	Automated solution of combined interference matrices fifth quarterly report, 15 oct. 1964 - 15 jan. 1965	1965
19650062192	Environmental effects of atmospheric electric processes of very low frequency <uber den einfluss besonders niederfrequenter elektrischer vorgange in der atmosphere auf die umwelt<	1965
19650062193	Energy calibration of an injection diode radiator	1965
19650062194	Microbial contamination in clean rooms	1965
19650062199	The effect of rolling temperature on preferred orientation in tantalum technical report, jun. 1960 - dec. 1963	1965
19650062200	Study of neurotron networks in learning automata	1965
19650062201	An evaluation of three-dimensional displays	1965
19650062202	Process development for precision forging columbium-base alloys second interim engineering progress report, 1 oct. 1964 - 31 mar. 1965	1965
19650062204	Refractory ceramics of interest in aerospace structural applications- a materials selection handbook final report, mar. 1964 - feb. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062205	Study and investigation of a uhf-vhf antenna final report, jan. 1963 - jan. 1965	1965
19650062210	Apollo unified s-band test program monthly report, 1 - 31 mar. 1965	1965
19650062211	Apollo unified s-band test program monthly report, 1 - 31 jan. 1965	1965
19650062212	Apollo unified s-band test program monthly report, 1 - 31 dec. 1964	1965
19650062213	Apollo unified s-band test program monthly report, 1 - 28 feb. 1965	1965
19650062214	Multicorrelator final report	1965
19650062217	Compressed data storage system interim engineering progress report no. ii, 1 dec. 1964 - 28 feb. 1965	1965
19650062218	Criteria for system sensitivity to parameter variations	1965
19650062219	Emission characteristics monitor /microwave region/ second quarterly progress report, 1 oct. 1964 - 1 jan. 1965	1965
19650062221	Frequency stabilization of frequency-shift- keyed transmissions	1965
19650062222	The crystal structure of csi2br	1965
19650062223	Human performance selected bibliography	1965
19650062225	A successive sweep method for solving optimal programming problems	1965
19650062229	The effects of blast on vertical earth walls	1965
19650062231	Research on gas lubrication at high temperatures and low flow rates technical documentary report, mar. 1964 - mar. 1965	1965
19650062232	Nuclear magnetic resonance frequency tuning third quarterly progress report, 16 oct. 1964 - 16 jan. 1965	1965
19650062233	Cell equalization techniques final report	1965
19650062234	Advances in the materials technology resulting from the x-20 program technical report, apr. - nov. 1964	1965
19650062235	Technique for evaluation of speech systems semiannual progress report, 1 jul. - 31 dec. 1964	1965
19650062245	Mechanics of geysering of cryogenics. volume i- program description and conclusions	1965
19650062246	Study of equilibrium air total radiation quarterly progress report no. 3, 15 nov. 1964 - 15 feb. 1965	1965
19650062247	Nasa noise microphone study final report	1965
19650062248	Nimbus meteorological satellite- integration and testing quarterly progress report, 16 nov. 1964 - 15 feb. 1965	1965
19650062249	Stresses in an infinite strip containing a semi-infinite crack	1965
19650062250	Saturn v improvement study- fluid and flight mechanics. volume i- general data final technical document	1965
19650062251	Saturn V Improvement Study - Fluid and Flight mechanics	1965
19650062252	Saturn v improvement study- fluid and flight mechanics. volume ii- mlv-saturn v-1, two stage launch vehicle final technical document	1965
19650062253	Saturn v improvement study- fluid and flight mechanics. volume iii- mlv-saturn v-1, three stage launch vehicle final technical document	1965
19650062254	Saturn v improvement study- fluid and flight mechanics. volume iv- mlv-saturn v-2, three stage launch vehicle final technical document	1965
19650062255	Saturn v improvement study- fluid and flight mechanics. volume v- mlv-saturn v-3, two stage launch vehicle final technical document	1965
19650062256	Saturn v improvement study- fluid and flight mechanics. volume vi- mlv-saturn v-3, three stage launch vehicle final technical document	1965
19650062257	Saturn v improvement study- fluid and flight mechanics. volume vii- mlv-saturn v-4/s/, three stage launch vehicle final technical document	1965
19650062258	Saturn v improvement study- fluid and flight mechanics. volume viii- alternate configurations final technical document	1965
19650062259	Continuation of research leading to the development of a plasma-suppression technique for reentry flight quarterly status report, 1 mar. 1965	1965
19650062260	A study of high thrust measuring systems	1965
19650062261	Studies on the hill reaction activity of soluble chloroplast extracts quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650062264	10-inch lox vent and relief valve quarterly progress report, dec. 1964 - mar. 1965	1965
19650062265	Radioisotopic biochemical probe for extra- terrestrial life fourth annual progress report	1965
19650062266	Diversity design for within-the-horizon radio relay systems	1965
19650062267	Study of fluid transients in closed conduits interim report no. 65-3	1965
19650062268	Study of a translational electro-pneumatic actuation system fourteenth technical report, 10 jan. 1964 - 30 apr. 1965	1965
19650062269	A study of signal limiting and saturation effects on missile control systems seven-teenth technical report, 25 nov. 1964 - 30 apr. 1965	1965
19650062270	Development of high strength, brazed aluminum, honeycomb sandwich composites adaptable for both elevated and cryogenic temperature applications seventh quarterly report, jan. - mar. 1965	1965
19650062271	Applicable Documentation for the IMP-C Spacecraft Mission	1965
19650062272	Pilotage study final report	1965
19650062273	Digital control system design for saturn class vehicles. volume i- summary	1965
19650062274	Digital control system design for saturn class vehicles. volume ii- review of digital control system design techniques for missiles	1965
19650062275	Digital control system design for saturn class vehicles. volume iii- control system design	1965
19650062276	Digital control system design for saturn class vehicles. volume iv- hybrid system simulation	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062277	Preliminary results of aerial infrared surveys at pishgah crater, california technical letter nasa-5	1965
19650062278	Theoretical and experimental studies in planetary and atmospheric physics second semiannual progress report, nov. 1, 1964 - may 1, 1965	1965
19650062280	Ionospheric data, part a	1965
19650062283	Investigation of pulsating flow hydraulic concepts fourth quarterly progress report, 1 feb. - 1 may 1965	1965
19650062284	Experimental techniques for predicting fatigue failure of cannon breech mechanisms	1965
19650062285	Nozzle materials for chemical propellant rocket engines, a review	1965
19650062286	Mercury-photosensitized isomerization of perfluorobutene-2	1965
19650062287	Blast and shock simulation facilities in the united kingdom, canada, and the united states	1965
19650062288	New concepts for achieving high efficiency in traveling-wave tubes third quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650062289	Development of advanced techniques for the fabrication of refractory metal tubing phase ii report, 1 nov. 1964 - 28 feb. 1965	1965
19650062293	Fracture toughness, fatigue crack propagation and corrosion characteristics of aluminum alloy plates for wing skins quarterly report, dec. 3, 1964 - mar. 3, 1965	1965
19650062294	Inorganic polymer research and superpressure studies technical report, 1 jan. - 30 nov. 1964	1965
19650062301	Crystallographic formulae for hexagonal lattices technical report no. 10	1965
19650062302	Criteria development study for the afsc technical facility register	1965
19650062305	Transient responses of butterworth and chebyshev filter networks	1965
19650062310	Radar sketching device	1965
19650062311	Integrated crew survivability seat for the uh-1b helicopter summary report	1965
19650062313	Increased incidence of mouse hepatomas and ovarian adenomas after low-dose-rate gamma irradiation	1965
19650062314	Pulse compression optical ranging study second quarterly progress report, 15 sep. - 14 dec. 1964	1965
19650062315	Analysis of the inviscid interaction between an underexpanded rocket exhaust and a confined secondary stream	1965
19650062318	Equipment reliability analysis- forward tlm j-box, p/n 1332467-509, vehicle 6102 /isis-x/	1965
19650062319	T. c. fuel injector purge vent system nasa test report no. 10912	1965
19650062323	A study of electrode effects in crossed field accelerators quarterly report no. 3, 4 jan. - 31 mar. 1965	1965
19650062324	Study of density calibration in space progress report no. 5, feb. 1 - mar. 31, 1965	1965
19650062327	Primary cosmic radiation semiannual status report no. 7, period ending 31 mar. 1965	1965
19650062328	Design study of a cloud pattern recognition system contract status report, jan. 1965	1965
19650062329	Nimbus "c" command clock and ground station equipment monthly progress report no. 30, 30 nov. - 27 dec. 1964	1965
19650062330	Satellites and probes program progress report, apr. 1965	1965
19650062331	Structural design criteria for the isis x/agera mission	1965
19650062333	Discrepancy analysis of preflight equipment failures. medium space vehicles programs	1965
19650062335	Experimental modulator-demodulator for project leap frog final report	1965
19650062342	Fracture toughness properties of some alloy steels and aluminum and titanium alloys	1965
19650062344	Improvement of the tropospheric correction for doppler data, based on a study of upper air meteorological data	1965
19650062346	Military potential test of kit, troop seat, center mounted, for m35, m35a1, and m35a2 trucks final report, 4 sep. 1964 - 22 jan. 1965	1965
19650062348	Physical metallurgy division. research and special projects report for 1964	1965
19650062349	Project cell structure of the atmosphere	1965
19650062352	Problems and developments in primary processing of refractory metals	1965
19650062354	Development of linear strip ion thrusters for attitude control quarterly progress report no. 3, 1 jan. - 31 mar. 1965	1965
19650062356	Development and qualification test plan isis-x mission	1965
19650062358	<development of one breadboard, two prototypes, and six flight test models of a five-channel scanning radiometer for the nimbus meteorological satellite> letter progress report no. 51, 15 dec. 1964 - 15 jan. 1965	1965
19650062359	Data processing for the nimbus system monthly progress report no. 11, 1 jan. - 1 feb. 1965	1965
19650062360	Data processing for the nimbus system monthly progress report no. 10, 1 dec. 1964 - 1 jan. 1965	1965
19650062362	Plasma diagnostics study quarterly report, 1 jan. - 31 mar. 1965	1965
19650062365	Research program on pyroelectric detection techniques and materials. phase ii third quarterly report, 19 dec. 1964 - 19 mar. 1965	1965
19650062367	Photoelectric yields of various cathodes third quarterly report, 9 dec. 1964 - 9 mar. 1965	1965
19650062368	Mach cone geometry program	1965
19650062371	The performance of water conditioned suits	1965
19650062396	Development of hybrid engines interim report	1965
19650062398	The effect of collision on the group refractive index of the ionosphere	1965
19650062399	Development and operational tests of l-band radar augmentation devices final report, aug. 1963 - dec. 1964	1965
19650062400	Comments regarding the similarity of xenon content in the earth's atmosphere and the richardton meteorite	1965
19650062401	A continuum survey for discrete radio sources at 1421 mc/s	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062403	Electrode kinetics at open circuit at a mer- cury drop electrode of varying area	1965
19650062405	Weapon system effectiveness industry advisory committee /wseiac/. volume i- cost- effectiveness optimization /summary, conclu- sions and recommendations/ final report	1965
19650062409	Aerodynamic performance of various hyperflo and hemisflo parachutes at mach numbers from 1.8 to 3.0	1965
19650062412	Program for Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor Monthly Technical Progress Report No. 7, 1 - 31 Jan. 1965	1965
19650062415	Image orthicon demonstration project	1965
19650062416	An altitude evaluation of thiokol chemical corporation propellant dl-h146	1965
19650062425	Low speed wind tunnel investigation of two glide vehicle configurations	1965
19650062428	Service life test of thermal battery for the air-2a rocket	1965
19650062430	Receiver techniques for optical rendezvous radars interim engineering report, 1 nov. 1964 - 31 jan. 1965	1965
19650062469	Optical and infrared masers fourth semiannual status report, oct. 1, 1964 - mar. 31, 1965	1965
19650062470	High resolution molecular spectroscopy with infrared maser light sources	1965
19650062471	Study of hyperfine structures of the ne21 isotope using a he-ne laser	1965
19650062472	Theory of hole coupling from optical maser resonators	1965
19650062473	Results of an analysis of single mode operation of an optical maser utilizing low reflectance mirrors	1965
19650062474	The angular distribution of stimulated raman emission in liquids	1965
19650062475	Pressure broadening of the 1.15 micron transition of neon, studied with a laser	1965
19650062476	Development and manufacture of protective clothing for use in hazardous environments third quarterly progress report, 31 dec. 1964 - 31 mar. 1965	1965
19650062482	Post-saturn launch vehicle study, part iii executive summary report	1965
19650062484	Continuous-cooling transformation characteristics of uranium-iron-aluminium alloys	1965
19650062485	Forced-convection heat transfer from a circular pipe internally roughened by isolated ribs. part 1- uniform heat flux boundary conditions	1965
19650062486	Stored energy in reactor irradiated graphite	1965
19650062487	Permeability measurements as a means of characterising powder compacts	1965
19650062488	Fast neutron induced dimensional changes in graphites and carbons	1965
19650062489	A comparison of the effects of neutron irra- diation on 'pile grade a' graphite in br-2 and reactors of the dido type	1965
19650062490	Graphite wear behaviour in argon, carbon dioxide, steam and water environments	1965
19650062491	Self-absorption of x-rays by plutonium particles with special reference to plutonium in wound monitoring	1965
19650062513	Calorimetric dosimetry for reactor irradiation experiments. part 1- principles of calori- metric dosimetry and design, construction and use of instruments	1965
19650062514	Calorimetric dosimetry for reactor irradiation experiments. part 2- the measurement of energy absorbed in graphite in bepo	1965
19650062515	Neutron flux and energy measurement	1965
19650062517	Analogue pulse arithmetic using logarithmic p-n junctions	1965
19650062518	The photolysis of carbon dioxide by vacuum ultra violet radiation and the reaction of photolysis products with carbon	1965
19650062520	An investigation by electron microscopy of the alpha-radiolysis of carbon monoxide	1965
19650062521	Time dependent neutron spectra in graphite	1965
19650062523	Electron probe micro-analysis of irradiated uo2	1965
19650062524	Radiation damage and recovery in a 0.24 percent carbon steel	1965
19650062527	A calculation of the carbon-atom displacement rate in the bepo core and reflector	1965
19650062530	Creatinine in urine as an index of urinary excretion rate	1965
19650062531	The estimation of internal radiation dose from metabolic and urinary excretion data for a number of important radionuclides	1965
19650062532	A specific activity method for calculating the derived working limit of phosphorus-32 in milk for children, using a comparison of the effects in growing bone of external radiation and phosphorus-32	1965
19650062533	Enhanced bombardment induced conductivity storage target for memory tubes final report, 4 dec. 1963 - 31 dec. 1964	1965
19650062534	Development of the manufacturing capabilities of the hydrostatic extrusion process interim engineering progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650062535	Emergency target location function	1965
19650062536	Recent advances in mechanical impedance instrumentation and applications	1965
19650062537	Hypersonic wake project semiannual report, jun. 30 - dec. 31, 1964	1965
19650062538	Studies of quantitative correlation between bulk density and thickness of fabrics and their radar transmission characteristics	1965
19650062539	A search for optical objects associated with 50 radio sources	1965
19650062540	Eglin gulf tropospheric radio propagation study final report, feb. 1962 - feb. 1963	1965
19650062543	Mechanisms of thermal degradations of vinyl polymers technical documentary report, jun. 1, 1962 - may 30, 1963	1965
19650062547	Aerodynamic theory	1965
19650062548	Asymptotic normality of bispectral estimates technical report no. 14	1965
19650062549	About a certain case of considerable flow through capacity of a grid of control blades	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062551	Functional analysis of the major operational missions of the post-1970 tactical air force	1965
19650062553	Performance evaluation of apprentice radio relay equipment repairmen, graduates of air training command course no. abr30430	1965
19650062554	Radio observations of the total solar eclipse of 15 february 1961 <radioastronomische beobachtungen der totalen sonnenfinsternis von 1961, 15 februar<	1965
19650062555	Radioactive contamination of field clothing- the beta hazard	1965
19650062557	Research on mitigation of spline wear by means of lubrication quarterly progress report no. 3, nov. 15, 1964 - feb. 15, 1965	1965
19650062558	Oak ridge national laboratory status and progress report, may 1965	1965
19650062564	Unique phototape sensor configurations quarterly progress report no. 3, dec. 1964 - feb. 1965	1965
19650062571	Electroplating. part i- theory of the mechanism of fused salt electroplating	1965
19650062572	Polarization transformation in twisted anisotropic media	1965
19650062573	The properties of a rectangular waveguide with a dissipative slab at the center	1965
19650062574	A new method of differential rectification	1965
19650062576	Consolidation of refractory metal ingots final report, 15 jul. 1962 - 15 jan. 1965	1965
19650062578	Operation roller coaster - balloon support	1965
19650062580	A conducting membrane micrometeoroid energy detector	1965
19650062586	Arpa project upstage, volume ii, part 2 final report	1965
19650062587	Arpa project upstage, volume iii, part 2 final report	1965
19650062588	Dual-manifold injector research program second quarterly technical progress report, 16 sep. - 15 dec. 1964	1965
19650062593	Low-observable reentry vehicle program detailed flight test and experimental plan, large-scale test vehicle I-7	1965
19650062594	Guiding center motion of charged particles in combined mirror-multiple cusp magnetic fields technical report, sep. 1962 - jun. 1964	1965
19650062595	Radar models and measurements	1965
19650062596	100 watt thermoelectric generator quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650062597	The effect of direction and velocity of relative motion upon dynamic visual acuity final contractual report, 1 feb. 1964 - 31 jan. 1965	1965
19650062598	Restoration of ductility of hot or cold strained abs-b steel by heat treatment at 700 to 1150 deg f progress report no. 4	1965
19650062599	Applied research in thin-film field-emission tubes ninth quarterly report, 1 oct. - 31 dec. 1964	1965
19650062600	Some interpretations and applications of the k-beta diagram technical report no. 84	1965
19650062601	A study of laminar two-dimensional wake interim report, feb. 1963 - may 1964	1965
19650062602	Hybrid piezoelectric devices third quarterly report, 16 nov. 1964 - 15 feb. 1965	1965
19650062603	Particle bombardment bonding and welding investigation quarterly progress report, 15 dec. 1964 - 14 mar. 1965	1965
19650062604	Research and development program. intrinsic reliability subminiature ceramic capacitors quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650062606	Novel microwave filter design techniques final report, 30 sep. - 31 dec. 1964	1965
19650062607	Voltage tunable filters and phase shifters	1965
19650062608	Trapped-mode band-pass filters	1965
19650062609	Coupled circular cylindrical rods between parallel ground planes	1965
19650062610	Measured performance of a capacitively loaded interdigital filter	1965
19650062611	Capacitively loaded, interdigital, impedance- matching networks	1965
19650062612	Tables for impedance-transforming networks of low-pass filter form	1965
19650062613	Tables for short-section chebyshev impedance transformers	1965
19650062614	An algorithm for the exact design of microwave band-stop filters	1965
19650062615	Theory and design of diplexers and multi- plexers	1965
19650062616	Enhanced-coupling techniques for magnetically tunable filters with applications to band-stop filters	1965
19650062617	Enhanced coupling for magnetically tunable band-pass filters using y1g spheres	1965
19650062618	Magnetically tunable filters with yig disks	1965
19650062619	Tables for optimum symmetrical tem-mode coupled-transmission-line directional couplers	1965
19650062620	Field strength measurements in a quasi- absolute half-space final report, aug. 1963 - oct. 1964	1965
19650062621	Effects of extreme environments on the behavior of fluids and lubricants, part ii technical documentary report, jan. - dec. 1964	1965
19650062624	Development of ppm-focused low-noise traveling wave tubes for ku-, k-, and ka-band interim development report, 1 jul. - 30 sep., 1964	1965
19650062625	High power magnetically confined plasma duplexer quarterly report, 1 dec. 1964 - 28 feb. 1965	1965
19650062627	Design techniques for structurally supported radomes interim engineering report, 1 feb. - 1 apr. 1965	1965
19650062628	Research on rheologic and thermodynamic properties of solid and slush hydrogen quarterly report, 16 dec. 1964 - 15 mar. 1965	1965
19650062629	Electric field penetration into metals	1965
19650062630	High reliability connective devices semi- annual technical report, aug. 1, 1964 - 8 jan. 31, 1965	1965
19650062632	Procedure oriented languages for range computations final report, 15 nov. 1964 - 15 apr. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062633	Research and development of a ruggedized planar ceramic triode first quarterly progress report, nov. 9, 1964 - feb. 12, 1965	1965
19650062634	An approach to computer-aided preliminary ship design	1965
19650062635	Blast wave impingement on a slender wedge moving at hypersonic speeds	1965
19650062636	Some aspects of the tangent-angle vs. arc length representation of contours	1965
19650062637	Small diameter, thin walled columbium tubing program interim report, 15 jan. - 15 apr. 1965	1965
19650062639	Results of testing two hpc-abl x-258 e-4 /s/n's rh 106 and rh 105/ solid-propellant rocket motors under the combined effects of simulated altitude and rotational spin	1965
19650062641	A study of applications of pure fluid devices to aircraft hydraulic and pneumatic systems	1965
19650062642	Friction and wear characteristics of materials under ultrahigh vacuum and high temperature conditions technical report, jan. - dec. 1964	1965
19650062643	Collective protection equipment for the an/msg-4 system feasibility studies and equipment development bimonthly progress report, 1 feb. - 31 mar. 1965	1965
19650062644	Research and development of titanium rocket motor case quarterly report no. 16, oct. 1 - dec. 31, 1964	1965
19650062645	Mhd magnet feasibility study	1965
19650062646	Materials and processes for high-g gyro application final report	1965
19650062647	Magnetic induction gyroscope research and development quarterly technical report no. 4, 15 dec. 1964 - 15 mar. 1965	1965
19650062651	Effect of surface preparation and aging time on epoxidized novolac bonds to stainless steel	1965
19650062652	Electrostatic power generator technical report, oct. 1963 - dec. 1964	1965
19650062653	Electrochemistry of fuel cell electrodes. temperature dependence of hydrogen overvoltage on indium amalgams	1965
19650062654	An analysis of the accuracy of liquid- propellant rocket engine performance measurements in the propulsion engine test cell /j-2a/	1965
19650062655	Abres research, nol ballistics range program quarterly progress report, 20 jan. - 20 apr. 1965	1965
19650062656	Degradation of organic coatings by irradiation with light. ii- attenuated total reflectance spectra of coatings exposed to ultraviolet light	1965
19650062657	High temperature polyamine resins final report, mar. 16, 1964 - mar. 15, 1965	1965
19650062659	Research investigation directed toward extending the useful range of the electro- magnetic spectrum first quarterly progress report, dec. 16, 1964 - mar. 15, 1965	1965
19650062660	Weapon system 133a. program progress- stage i minuteman production motors contract status report, 1 jan. - 31 mar. 1965	1965
19650062661	Evaluation of the weldability of missile case materials quarterly progress report, nov. 1, 1964 - jan. 31, 1965	1965
19650062662	Camera tube with internal image-motion compensation eighth quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650062663	Research on new oxidants and mechanisms of oxidation final summary report, jun. 1963 - dec. 1964	1965
19650062664	Ceramic systems for missile structural applications quarterly report, 1 nov. 1964 - 31 jan. 1965	1965
19650062665	Cleaning of oxygen pressure gage components final evaluation report	1965
19650062666	Reliability and quality assurance program quarterly status report, jan. - mar. 1965	1965
19650062668	Development of analytical techniques for the determination of minute quantities of selected elements in beryllium final report, jan. 20 1964 - jan. 19 1965	1965
19650062669	The correlation of anomalous electron emission with mechanical properties of metals and alloys final report	1965
19650062671	Photovoltaic effects at rectifying junctions to deposited cds films technical report, sep. 1962 - sep. 1963	1965
19650062674	Lasers and their effects annual progress report, 1 mar. 1964 - 1 mar. 1965	1965
19650062675	The development of thermally stable air dry coatings final report, mar. 10, 1964 - mar. 9, 1965	1965
19650062676	Chemiluminescent materials technical report, dec. 1, 1964 - feb. 28, 1965	1965
19650062677	Automatic meteorological balloon tracker	1965
19650062679	Human factors engineering analysis and design of a control panel for the gas-particulate filter unit, e49, october 1964 - january 1965	1965
19650062681	Solar-geophysical data, part b	1965
19650062682	Results of propagation measurements over ionosscatter paths shorter than 1000 kilometres technical memorandum, may - aug. 1963	1965
19650062683	Propellant fluid capacity and loading weight report	1965
19650062685	On radio wave propagation on antarctic ice-cap and antennas	1965
19650062686	Studies of adaptation to bodily rotation in humans annual progress report, may 1, 1964 - apr. 1, 1965	1965
19650062687	Shock response of a pre-loaded connection interim report	1965
19650062688	Conductance of some alkali halides in water-ethylene glycol and of sodium perchlorate in water-diowane at 25degc final technical report, 1 jan. - 31 dec. 1964	1965
19650062689	Design and development of integrated semiconductor circuits utilizing field-effect active devices interim development report, 24 nov. 1964 - 24 feb. 1965	1965
19650062690	Effect on fluid environment on torsional fatigue failure progress report no. 4	1965
19650062691	Electrochemistry of fuel cell electrodes semiannual technical summary report, period ending mar. 30, 1965	1965
19650062692	Electrochemistry of fuel cell electrodes. hydrogen overvoltage at a dropping thallium amalgam electrode	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062693	Comparison of digital modulation and detection techniques for a low-capacity transportable troposcatter system	1965
19650062696	Acoustic absorption coefficients of the combustion products of aluminized propellants final report	1965
19650062697	Contribution to the large signal theory of level barrier layer construction elements	1965
19650062699	Research on terrain effects on optical turbulence generation final report	1965
19650062701	Effects of brain lesions on electroencephalographic activation by 35 kvp and 100 kvp x rays	1965
19650062702	Static stability and separation characteristics of 0.6-scale models of the alarr payload and booster at supersonic speeds	1965
19650062708	Gemini Ride-It-Out Modes, an Exploratory Study	1965
19650062711	Analytical study of v/stol propulsion system requirements final report	1965
19650062713	The Effects of a Simulated Stage Separation Test on the Lem Ascent Engine. Phase IV - LEM Ascent Stage Primary Propulsion System	1965
19650062721	Athena flight no. 008 /missile c002b03/ addendum to downrange data report	1965
19650062723	[No Title]	1965
19650062731	Silicon photocell	1965
19650062732	Hook & retainer improvement program- aerial recovery system final report, jun. 1964 - jan. 1965	1965
19650062733	Adjustment of geophysical instruments	1965
19650062735	The influence of electrostatic effects on the properties of organic powders annual report, 15 mar. 1964 - 14 mar. 1965	1965
19650062737	Development of mach 3 uhf communications antenna, mach 3 l-band antenna, and optional pattern uhf antenna final engineering report, jun. 1960 - jan. 1965	1965
19650062738	Investigation of the formation of the jet in a pulsating jet of water <untersuchung der strahlausbildung bei einem pulsierenden strahlantrieb>	1965
19650062743	Vacuum evaporated and cathodic sputtered thin films technical report, 1 jan. 1964 - 1 jan. 1965	1965
19650062744	On dislocation energies and the concept of line tension	1965
19650062745	The composition of technical grade methyl chloroform	1965
19650062746	Heat treatment by molten glass interim engineering progress report, 1 jan. - 31 mar. 1965	1965
19650062747	Development of joining techniques for td-nickel interim progress report, feb. 1 - may 1, 1965	1965
19650062748	An experimental investigation of the four-arm planar logarithmic spiral antenna technical report no. 87	1965
19650062749	Research and development investigation of a precision digital frequency synthesizer for ssb quarterly report no. 2, 1 oct. - 31 dec. 1964	1965
19650062750	Physical constants for satellite calculations	1965
19650062751	A new method for studying crystallization of polymers	1965
19650062753	Infrared image converter quarterly report, 1 nov. 1964 - 31 jan. 1965	1965
19650062754	Program 624a quarterly reliability and quality assurance report. volume i- reliability	1965
19650062779	A review of the work in the united kingdom on the fatigue of aircraft structures during the period may 1963 - april 1965	1965
19650062780	A numerical study of particle behaviour in non-adiabatic magnetic traps	1965
19650062781	The deposition of iodine vapour on surfaces	1965
19650062782	Studies on the retention and metabolism of inhaled methyl iodide. 1- the apparatus	1965
19650062783	The determination of phosphorus-32 in urine and the evaluation of the findings for the assess- ment of internal contamination	1965
19650062784	The nucleation of radiation damage in graphite	1965
19650062785	Non-destructive examination of the heat affected zone of welded zirconium-niobium alloy	1965
19650062786	The determination of oxygen in sodium	1965
19650062787	Review of some investigations on fatigue in the netherlands	1965
19650062788	Review of some swedish investigations on fatigue during the period april 1963 to may 1965	1965
19650062790	Intrinsic infrared detector development quarterly technical progress report, 1 jan. - 31 mar. 1965	1965
19650062791	An investigation of the ignition capabilities and radiation characteristics of an infrared tow target radiation source at mach numbers from 0.2 to 0.7	1965
19650062792	Synthesis of new polymers by homogeneous coupling reactions, part i technical report, dec. 1, 1963 - dec. 1, 1964	1965
19650062794	Viscosity measurements on fused salts. ii- the viscosity of some alkali and alkaline earth chlorides	1965
19650062795	Force tests of an annular fin missile at transonic speeds	1965
19650062796	On the effect of heavy ions on lf propagation	1965
19650062798	Wind tunnel investigation of a monorail sled at transonic speeds	1965
19650062799	Magneto-optic ellipsometry. part i- theory of magneto-optic measurements	1965
19650062800	Variations in atmospheric carbon dioxide concentrations and their measurement. phase 1- status study	1965
19650062801	Information on tubes	1965
19650062802	Feasibility of a 50-watt portable generator using a solar-powered stirling-cycle engine	1965
19650062803	Economical flat package for integrated circuits interim development report, dec. 15, 1964 - mar. 15, 1965	1965
19650062804	The wind in the first hundred meters of the lower atmosphere final technical status report, jul. 1, 1963 - jun. 30, 1964	1965
19650062805	A review of the problem of fracture technical report no. 1	1965
19650062806	Closed-loop cryogenic system for advanced 2200-mc traveling-wave maser amplifier	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062807	Spatial and spectral optical processing final technical report	1965
19650062808	Paramagnetic resonance in the solid state semiannual report, oct. 1 - dec. 31, 1964	1965
19650062810	Stabilizing influence of a viscoelastic core on the axisymmetrical buckling of a cylindrical shell final report	1965
19650062812	An interferometer investigation of the twenty- one centimeter hydrogen line absorption	1965
19650062813	On line estimation of signal to noise ratio interim technical report	1965
19650062814	The slat grid - a new electron optical element	1965
19650062816	The synthesis of sweep-frequency ground back- scatter by digital computer technical report no. 84	1965
19650062817	Electrochemistry of fuel cell electrodes. interfacial tension of indium amalgams in 0.1 m hclo4 at 25 deg c	1965
19650062818	Research and development of high current and high voltage silicon controlled rectifiers - device d quarterly progress report, 13 dec. 1964 - 13 mar. 1965	1965
19650062819	Development of epitaxial technology for microelectronics and large area device applications interim progress report, 1 nov. 1964 - 28 feb. 1965	1965
19650062820	Service acceptance trials of model ch-46a aircraft, bis 21254, volume i final report	1965
19650062821	Interference reduction techniques for receivers quarterly report no. 5, 1 oct. - 31 dec. 1964	1965
19650062822	Special test evaluation reports, stp iii g & c umbilical disconnect test, st-133	1965
19650062823	Construction technique for the cardé tourmaline piezo gauges	1965
19650062824	Study of electrode phenomena in high energy density discharges as applied to plasma acceleration problems 1st quarterly progress report	1965
19650062825	Lunar flight handbook executive summary report	1965
19650062826	A study of equilibrium compositions for systems of carbon-fluorine, carbon-fluorine- oxygen, air-fluorine, and air-c2f4	1965
19650062827	Service acceptance trials on model ch-46a aircraft, volume ii final report	1965
19650062828	Perfluorinated aromatic compounds final report, 1 dec. 1963 - 30 nov. 1964	1965
19650062829	Organic molecular solid state phenomenology quarterly report	1965
19650062830	Analysis of techniques for aircraft ground guidance at airports final report	1965
19650062831	Taclator- a multilingual air-ground communication system	1965
19650062832	An investigation of a millimetric wave variable beamwidth antenna technical report, feb. 1963 - feb. 1965	1965
19650062833	Investigation of the carrier removal for the inert-diluent process by the use of radio- tracer technique	1965
19650062834	Megavolt electronics, sub-millimeter wave research technical report, 1 sep. 1962 - 31 jan. 1965	1965
19650062835	Research on phase equilibria approach to growth of doped single crystals of refractory compounds final report, 1 sep. 1963 - 31 aug. 1964	1965
19650062836	Radiometric air navigation sensor study final report, 1 jul. 1964 - 10 mar. 1965	1965
19650062837	Emerging aerospace materials	1965
19650062838	<apt on-board geographic referencing system< sixth monthly letter progress report, dec. 1- 30, 1964	1965
19650062839	A study of the integration of standard payload modules on the saturn 1b launch vehicle	1965
19650062840	Development of analytical techniques for hydrocarbons in mineral aggregates quarterly status report no. 6, jan. - mar., 1965	1965
19650062842	Error control system final report	1965
19650062843	Liquid oxygen and fuel prevalves for nasa saturn program thirtieth monthly progress report, dec. 1 - 31, 1964	1965
19650062844	Spectroscopy and solid state quantum electronics at optical and infrared wavelengths semiannual status report no. 5, oct. 1, 1964 - mar. 31, 1965	1965
19650062845	Improvements in hydrosol particle counting instrumentation final report, sep. 9, 1964 - mar. 8, 1965	1965
19650062846	Problems with electrical connectors and insulated wires in the aerospace industry	1965
19650062847	An analysis of trilateration systems for near launch tracking	1965
19650062853	Application notes on the dsl developed microelectronic circuit module interim engineering report	1965
19650062855	Radiation effects, task ii quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650062856	A dynamic seal tester for propellant actuated devices	1965
19650062858	Research on chemical /cw/ inert polymer and reactant structures quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650062861	European scientific notes, no. 19-2	1965
19650062862	Nasa vent and relief value seal development program final technical summary report	1965
19650062864	Secure color video techniques	1965
19650062865	Developing technology to forge unclad beryllium final technical report, 16 apr. 1962 - 16 dec. 1964	1965
19650062866	The relationship of microstructure to strength and toughness in high-strength steel technical report, 1 oct. 1962 - 30 nov. 1964	1965
19650062867	Visualization of the flow field about parachute canopy models and approximation of canopy pressure distributions	1965
19650062869	Electronics program- secure communications techniques semiannual technical report, 1 jul. - 31 dec. 1963	1965
19650062871	Semiconductor surface passivation /process portion/ final report, 20 mar. 1961 - 30 jul. 1963	1965
19650062872	Development of manufacturing processes for a lightweight heat transfer system interim engineering progress report, 1 feb. - 30 apr., 1965	1965
19650062874	Lubrication of bearings and gears for aerospace facilities technical report, aug. 27, 1963 - feb. 25, 1965	1965
19650062875	Wind tunnel calibration tests and pressure measurements on a blunted slender cone from mach 0.3 to 1.3, volume i	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062876	Wind tunnel calibration tests and pressure measurements on a blunted slender cone from mach 0.3 to 1.3, volume ii /figures 1 thru 107/	1965
19650062877	The characterization by step-up vectors of n-port networks the characterization by step-up vectors of n-port networks	1965
19650062878	Infrared coating studies third quarter report, 18 nov. 1964 - 18 feb. 1965	1965
19650062880	Investigation of insulative heat shield attachment systems technical report, feb. 10, 1964 - may 10, 1965	1965
19650062888	A review of work in switzerland on the fatigue of aircraft structures during the period april 1963 - march 1965	1965
19650062889	Machinability of materials interim engineering progress report, 15 feb. - 15 may, 1965	1965
19650062891	Computation of the average-response from electroretinogram data	1965
19650062893	Communications and control for lunar exploration systems - apollo. volume 1- report summary final study report	1965
19650062894	Communications and control for lunar exploration systems - apollo. volume 2- technical report final study report	1965
19650062895	Communications and control for lunar exploration systems - apollo. volume 3- research and technology implications final study report	1965
19650062896	A study of scientific mission support of a lunar exploration system for apollo. volume 1- condensed summary final report	1965
19650062897	A study of scientific mission support of a lunar exploration system for apollo. volume ii- summary technical report final report	1965
19650062898	A study of scientific mission support of a lunar exploration system for apollo. volume iii- scientific studies, part 1 final report	1965
19650062899	A study of scientific mission support of a lunar exploration system for apollo. volume iii. scientific studies, part 2 final report	1965
19650062900	A study of scientific mission support of a lunar exploration system for apollo. volume iv- operations and engineering study, part 1 final report	1965
19650062901	A study of scientific mission support of a lunar exploration system for apollo. volume iv- operations and engineering study, part 2 final report	1965
19650062902	Minuteman data book- section 6.0, issue no. 13, guidance and control /autonetics/	1965
19650062906	Ballistic reentry studies second annual summary report, dec. 1963 - dec. 1964	1965
19650062921	A technique for simulating some dynamic behavior of a reentry vehicle traversing a blast	1965
19650062924	Aerodynamic investigations program letter report	1965
19650062926	Quarterly progress report, january 1 - march 31, 1965	1965
19650062929	Solid propellant research and development theoretical performance calculations second quarterly progress report, aug. - nov. 1964	1965
19650062930	Research and development programs quarterly report, jan. - mar. 1965	1965
19650062931	Analytical and experimental investigation of advanced air-breathing engines final summary report, jan. - dec. 1964	1965
19650062932	An integrated research effort on high-energy hybrid propellants tenth quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650062933	An integrated research effort on high- energy hybrid propellants ninth quarterly progress report, 1 sep. - 31 dec. 1964	1965
19650062934	Growth of resorcinol crystals under controlled conditions on abl 2523 casting powder samples	1965
19650062935	Research on light metal fuels and oxidizer chemistry. part i- light metal fuels quarterly progress report no. 6, nov. 1964 - jan. 1965	1965
19650062941	Laboratory test set for evaluating the ex 40 target detecting device	1965
19650062948	Force production due to combustion on a flat plate in supersonic air streams	1965
19650062949	Dual-manifold injector research program third quarterly technical progress report, 16 dec. 1964 - 15 mar. 1965	1965
19650062951	Pilot plant operations technical progress report, 1 oct. - 31 dec. 1964	1965
19650062953	Synthesis of new oxidizers for solid propellants final technical summary report, 1 oct. 1963 - 31 jan. 1965	1965
19650062955	Stage 1 minuteman /m55a1/ production support quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650062961	Feasibility model of wide-band phase-locked demodulator final technical report, 1 mar. 1964 - 31 jan. 1965	1965
19650062962	Durability and performance evaluation of aerogel-general corporation expandable nozzle extensions and non-rigid conical nozzle extensions at simulated altitude	1965
19650062969	Manned mars and venus exploration studies. volume iii- design studies detailed technical report /final/	1965
19650062970	Development of a 1,500,000-lb-Thrust /Nominal Vacuum/ Liquid Hydrogen/Liquid Oxygen Engine Quarterly Technical Progress Report, 1 Jan. - 31 Mar. 1965	1965
19650062971	Ranger Agena Vehicle 6007 Flight Evaluation and Performance Analysis Report	1965
19650062975	Measurement of sputtering yields and energy transfer efficiencies of liquid metals quarterly progress report no. 1, 20 nov. 1964 - 28 feb. 1965	1965
19650062978	Isis-x vehicle age systems design analysis	1965
19650062979	Operations and logistics study of lunar exploration systems for apollo, volume iii technical report, part 2, jul. 1964 - feb. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650062980	<research activities in geoscience studies, laboratory and modeling studies of radar response from simulated terrain, advanced radar concepts, and design of spacecraft equipment< quarterly progress report, 1 jan. - 1 apr. 1965	1965
19650062981	<research in life sciences instrumentation pertinent to studies in space biology< second quarterly report, 10 feb. - 9 may 1965	1965
19650062982	Pre-ignition and ignition processes of metals second semiannual progress report, 1 nov. 1964 - 30 apr. 1965	1965
19650062983	Investigation of earth tremors during large rocket firings quarterly progress report, 22 dec. 1964 - 22 mar. 1965	1965
19650062985	A fast analogue computer giving a display of the path of a charged particle in a beam transport system	1965
19650062986	An integrator suitable for statistical measurements of fluctuations in pulsed discharges	1965
19650062987	High power ferrite gas duplexer quarterly progress report, dec. 11, 1964 - mar. 10, 1965	1965
19650062988	Viscosity measurements on fused salts. i- theoretical principles of the oscillating hollow cylinder method	1965
19650062989	A kinetic theoretical investigation of a fully ionized gas. part i- paradoxes in the b-bg-k-y hierarchy	1965
19650062990	Dynamics of liquid-filled shell- instability during spin-up	1965
19650062992	Planar integration of thin film units final report, 15 jan. 1964 - 14 jan. 1965	1965
19650062995	Study of oxides for chemical separation of air into o2 - n2 components, volume 11	1965
19650062996	Research on multiple-idler 35-gc parametric amplifier pumped below the signal frequency	1965
19650062997	Research and development programs quarterly report, jan. - mar. 1965	1965
19650062998	Exploration and evaluation of new glasses in fiber form bimonthly progress report no. 7, 1 jan. - 15 feb. 1965	1965
19650063000	Transtage environmental test technical summary report	1965
19650063001	Research and experimentation, mhd wind tunnel program semiannual technical report, 1 jan. - 30 jun. 1964	1965
19650063002	Rubidium spin relaxation in the rare gases- a study under ultraclean conditions	1965
19650063005	Flexible vacuum jacket development monthly progress report no. 7, 1 - 31 jan. 1965	1965
19650063006	Detail specification for the model no. 24205 pogo/agera vehicle /nasa program/	1965
19650063007	Operations and logistics study of lunar exploration systems for apollo, volume i summary, jul. 1964 - feb. 1965	1965
19650063008	James, pond, and clark, inc. 1/4" calibration valve p/n p24-425 6000 psig service nasa test report no. 10824	1965
19650063009	Nasa s-1c recovery and reusability study final report	1965
19650063011	Annotated bibliography on selected topics in materials deterioration	1965
19650063012	Stress cracking of plastics annotated and indexed bibliography, third section	1965
19650063013	Study of torque characteristics for grease lubricated miniature bearings	1965
19650063017	A study of optical spectra associated with neodymium and manganese in gaas	1965
19650063018	Solid-state ferroelectric accelerometer interim report, 4 dec. 1964 - 4 mar. 1965	1965
19650063022	Satellite communications terminal an/msc-46 // quarterly progress report no. 4, 15 oct. 1964 - 15 jan. 1965	1965
19650063023	Transportable 30-foot rigid-foam antenna, research, and development final report	1965
19650063026	A catalog of meteorite craters and related features with a guide to the literature	1965
19650063027	Spectrum analyzer myths	1965
19650063028	The use of differential scanning calorimetry to determine the thermal behavior of materials used in formulations of organic protective coatings	1965
19650063031	Instruction manual for the convolutional encoder/threshold decoder model lmt final report	1965
19650063032	Delta project final report, feb. 1963 - apr. 1965	1965
19650063035	Development of an x-ray spectrometer and the appropriated detectors for soft x-rays <entwicklung eines rontgenspektrometers und der zugehörigen nachweismethoden für weiche rontgenstrahlen<	1965
19650063038	Effects of clouds on x-ray induced fluorescent light from a nuclear burst in space	1965
19650063043	Components irradiation test no. 12, s2n657a and 2n1711 transistors, complementary and darlington pairs, differential amplifiers, and capacitors	1965
19650063051	Protective coatings for refractory metals in rocket engines summary report, mar 15 - dec. 15, 1964	1965
19650063052	Delta range safety trajectory and aerodynamic data for the geos a spacecraft mission, volume i	1965
19650063053	Delta range safety trajectory and aerodynamic data for the geos a spacecraft mission, model no. dsv-3e, volume ii	1965
19650063054	Program controlled switching set for switching circuit analog models <programmsteuergerat für schaltkreis-analogmodelle<	1965
19650063057	Handbook of trajectories to jupiter, ceres and vesta between 1970 and 1980	1965
19650063060	Bremsstrahlung radiation from a cylindrically- symmetric plasma with axial magnetic field <die strahlung eines zylindersymmetrischen plasmas mit axialem magnetfeld im bereich der plasmfrequenz<	1965
19650063061	Confinement of a plasma in dynamic equilibrium in a toroidal z-pinch <einschlussung eines plasmas in dynamischen gleichgewicht im toroidalen z-pinch<	1965
19650063064	Evaluation of an airesearch model gtc 85-56 gas turbine engine with jp-5 fuel conversion kit and specification mil-I-23699 /wep/ oil final report	1965
19650063068	Secret space	1965
19650063069	Side-looking radar presentation viewing and measuring instrument	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063070	Investigation of the fabricating properties of high strength steels final summary report, phase ii	1965
19650063072	Metal base transistor ii second quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650063076	Research on improved epoxy resins quarterly progress report, jan. 1 - apr. 1, 1965	1965
19650063077	Data evaluation of ground and environmental measurements on sa-9 launch preliminary report	1965
19650063078	Liquid fluorine and floc immersion tests of alloys under static stress	1965
19650063079	Stability and control characteristics of the 367-80 airplane with blc flaps and hydraulic powered controls	1965
19650063080	Secure color video techniques annotated bibliography, volume ii	1965
19650063083	The development and evaluation of a hydrocarbon binder for high energy solid propellants first quarterly technical report, 11 jan. - 12 apr. 1965	1965
19650063084	Research and development of manufacturing methods for pbi fibers and fibrous structures of pbi yarns interim progress report, 8 feb. - 8 may 1965	1965
19650063087	Operations and logistics study of lunar exploration systems for apollo. volume ii, part 1- technical report	1965
19650063088	Fundamental investigation of the catalytic degradation of hydrocarbon fuels final report, jul. 1, 1963 - jan. 31, 1965	1965
19650063089	Low-cost microcircuit networks second quarterly progress report, 1 dec. 1964 - 31 mar. 1965	1965
19650063090	The chlorine-atom initiated polymerization of c2f4	1965
19650063091	Computer input device for graphic data	1965
19650063094	Intercontour redundancy	1965
19650063096	A survey of the state of the art of ceramic and graphite fibers final report, apr. 1964 - apr. 1965	1965
19650063097	Experiments on the strength of thin, unreinforced cylinders subjected to shear and longitudinal forces	1965
19650063098	Laser /optical maser/ beam fusion welding final report, jul. 1, 1962 - nov. 14, 1964	1965
19650063099	Reactions of no/a2sigmaplus/ with h2, ch4, and c2h6- the fate of rno	1965
19650063101	Optical interference viewed with angular dispersion	1965
19650063102	Geodetic parameter set nwl-5e-6 based on doppler satellite observations	1965
19650063104	Microbiological investigations technical documentary report, jul. 1963 - 1 jul. 1964	1965
19650063105	Development of a 1200 deg f radome interim engineering report, 1 feb. - 30 apr. 1965	1965
19650063106	Development of economic quantity/quality manufacturing methods for a tunable x-band coaxial magnetron interim engineering progress report, 1 jan. - 1 apr. 1965	1965
19650063109	Dry films of encapsulated zinc chromate primer technical report, feb. 1964 - feb. 1965	1965
19650063111	Fiber-reinforced metallic composite materials interim engineering progress report /phase i/, 1 feb. - 30 apr. 1965	1965
19650063112	Nike-apache speedball ii rockets /round no. 72 sn 28 and round no. 73 sn 29/ /21 april 1965/ meteorological data report	1965
19650063113	A study of performance tradeoffs for solid propellant propulsion systems final report	1965
19650063114	Effects of nuclear radiation on the sensitometric properties of reconnaissance films technical report, jan. 1964 - jan. 1965	1965
19650063115	Development of oxidation resistant tungsten- base alloys	1965
19650063116	Vaporizing and endothermic fuels for advanced engine application quarterly progress report no. 7, dec. 1964 - feb. 1965	1965
19650063117	Space radiator thermal performance technical report, may - sep. 1964	1965
19650063119	Manufacturing process for premium quality titanium castings interim engineering progress report, 15 feb. - 15 may 1965	1965
19650063120	Research on extruding, drawing and heat treating of titanium interim engineering report, 1 feb. - 30 apr. 1965	1965
19650063121	Fatigue design criteria and life prediction computer program for aircraft structures technical documentary report, may 1963 - mar. 1964	1965
19650063122	Determination of the lines of equal principal stress sums through interferences of uniform thickness	1965
19650063123	Properties of photodetectors	1965
19650063124	High-temperature antenna investigation and development interim engineering report no. 8, period ending 31 mar. 1965	1965
19650063126	Development of lubricant screening tests and evaluation of lubricants for gas turbine engines for commercial supersonic transport, technical documentary report, mar. 1, 1963 - oct. 31, 1964	1965
19650063127	Divalent rare-earth ions in optical maser materials technical report, 1 jul. 1963 - 5 jan. 1965	1965
19650063128	Investigation of photopolymerization process interim report no. 8 /final/, 14 nov. 1964 - 13 mar. 1965	1965
19650063129	Feasibility determination and development of an experimental hot-microhardness device satisfactory for use with ceramic materials to temperatures approaching 1800 to 2000 c quarterly progress report, nov. 1, 1964 - jan. 31, 1965	1965
19650063130	Research and experimentation. aerodynamics program technical documentary report, 1 jul. - 30 sep. 1964	1965
19650063132	Observations on the recovery behavior of molybdenum technical report, jul. 1963 - feb. 1964	1965
19650063133	Composite ceramic radome manufacture by mosaic techniques interim engineering progress report, 1 feb. - 30 apr., 1965	1965
19650063134	A review of literature and current concepts on combustion instabilities in liquid-propellant rocket motors	1965
19650063135	Uh-1f category i performance, stability and control tests	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063136	Large segmented, fiberglass reinforced, plastic rocket motor cases interim engineering progress report, 1 feb. - 30 apr. 1965	1965
19650063138	Development of the sealed zinc-silver oxide secondary battery system sixth quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650063139	Investigation of the use of biochemicals in techniques of co2 separation and concentration in aerospace vehicle atmosphere regeneration processes	1965
19650063141	Wind tunnel tests of a 1/3-scale rain erosion wedge model at mach numbers of 2.15, 2.86, and 3.75	1965
19650063142	Electron impact ionization cross sections technical report, 29 mar. 1963 - 31 aug. 1964	1965
19650063143	Statistical presentation of fleet operational landing and approach parameters for s-2d and e-1b aircraft and sh-34g helicopter aboard the uss randolph /cvs-15/ while operating in the north atlantic /survey 8/	1965
19650063144	The electrodeposition of single crystal gold- aluminum oxide alloys	1965
19650063145	Non-aqueous silver-halide rapid access photography final report, 1 jan. - 31 dec., 1964	1965
19650063146	On integrated magnetic variable gain networks first interim technical report, 15 dec. 1964 - 1 apr. 1965	1965
19650063147	Ion implantation junction techniques quarterly technical progress report, 16 feb. - 15 apr. 1965	1965
19650063153	A probabilistic approach to cumulative fatigue damage in redundant structures	1965
19650063154	Direct and indirect electron control by photoconductive elements quarterly technical progress report, 20 dec. 1964 - 20 mar. 1965	1965
19650063156	Exploration and evaluation of new glasses in fiber form final summary report, 16 nov. 1961 - 15 feb. 1965	1965
19650063157	Research on integrated radome-scanner design techniques final report, nov. 1, 1963 - oct. 31, 1964	1965
19650063158	High strength - high modulus glass fibers technical report, mar. 1964 - feb. 1965	1965
19650063159	Ers valve certification tests technical report, 17 jul. - 20 nov. 1964	1965
19650063165	Improved azimuthal resolution with a forward looking radar third quarterly technical summary report, 1 jan. - 31 mar. 1965	1965
19650063166	A handbook of performance tradeoffs for solid rockets final report	1965
19650063167	Development of manufacturing methods for deposition forming interim progress report, 1 feb. - 30 apr. 1965	1965
19650063168	Research and development of a 3kw 3.2 millimeter-wave pulsed oscillator final report, 15 aug. 1964 - 15 feb. 1965	1965
19650063169	Minimum volume design of sandwich axisymmetric plates obeying tresca's criterion. definite determinate and indeterminate plates	1965
19650063171	Research in high temperature plasma semiannual technical report, 1 jul. - 31 dec. 1964	1965
19650063172	Elastomers for fuel systems containing microorganism-controlling additives, part ii technical documentary report, oct. 1, 1962 - jan. 31, 1965	1965
19650063178	Crane company 1/4 inch manual ball valve p/n 1/4-b-98728-b 1000 psig service nasa test report no. 10847	1965
19650063180	Diffusion bonded titanium alloy honeycomb panels interim engineering progress report, 1 feb. - 30 apr. 1965	1965
19650063185	Thermal properties of metal hydrides quarterly report, sep. 28 - dec. 28, 1964	1965
19650063190	Omsf Program Supporting Research Projects, Part II Semiannual Progress Report, Jul. 1, 1964 - Jan. 1, 1965	1965
19650063206	Design study of a new family of multi-fuel industrial engines final technical report, nov. 1964 - jan. 1965	1965
19650063208	Performance prediction report for low-observable reentry vehicle /lorv l6/	1965
19650063210	Castor II Rocket Motor Status Letter, 9 Oct. - 8 Nov. 1964	1965
19650063211	Ranger Agena Vehicle 6006 Flight Evaluation and Performance Analysis Report 45-day Report	1965
19650063225	Dynamics of microbial cell populations	1965
19650063227	Cryogenic research and development seventeenth progress report, period ending mar. 31, 1965	1965
19650063228	Advanced space suits for extra-vehicular and lunar exploration quarterly progress report no. 3, 1 jan. - 31 mar. 1965	1965
19650063229	Manned mars and venus exploration study, volume i- final report summary technical	1965
19650063230	Manned mars and venus exploration study. volume ii- mission oriented studies final report	1965
19650063231	Measurement of neutron intensity in space, electron densities in the ionosphere, and solar x-radiation quarterly status report, 1 jan. - 31 mar. 1965	1965
19650063232	Experimental and theoretical investigation of the rheological properties of materials progress report no. 1, 1 oct. 1964 - 31 mar. 1965	1965
19650063233	Research on techniques and procedures for the cultivation of hydrogen-fixing bacteria eighth quarterly status report, 1 jan. - 31 mar. 1965	1965
19650063235	Applied research on time sequence analogue of basic distributed-emission crossed-field interaction summary report, jun. 1963 - aug. 1964	1965
19650063237	Optimum mechanical packaging of electronic equipment program quarterly report, 1 nov. 1964 - 31 jan. 1965	1965
19650063238	Improved graphite materials for high- temperature aerospace use quarterly progress report, nov. 1, 1964 - jan. 31, 1965	1965
19650063240	Carbon monoxide in the ultraviolet solar spectrum scientific report no. 3	1965
19650063243	Applied research on high resolution camera tubes interim technical documentary report, 15 oct. 1964 - 28 feb. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063244	Development of a transparent preservative compound for aircraft structural metals final report, 15 dec. 1963 - 15 jan. 1965	1965
19650063245	Analysis of acoustical stresses and equipment in aviation weapons systems second interim report	1965
19650063246	Analyses and forecasting of sea surface temperature /sst/	1965
19650063247	Synthesis of photochemicals. part i- synthesis, volume i technical documentary report, 1 apr. 1964 - 31 mar. 1965	1965
19650063248	Synthesis of photochemicals. part ii- literature survey, volume i technical documentary report, 1 apr. 1964 - 31 mar. 1965	1965
19650063249	Effect of environmental exposure on mechanical properties of several foil gage refractory alloys and superalloys technical report, may 1963 - jan. 1965	1965
19650063250	Vaporization of compounds and alloys at high temperatures. part xxvii- mass spectrometric study of gaseous oxides and suboxides of scandium, yttrium and lanthanum	1965
19650063251	Research on temperature attitude sensing for reentry vehicles final technical report, jul. 1963 - 31 mar. 1965	1965
19650063252	Investigation in the fabrication of silicon carbide, 500 deg c rectifier interim engineering report, jan. 1 - mar. 31, 1965	1965
19650063253	Study of noise in semiconductor devices quarterly report, nov. 1, 1964 - jan. 31, 1965	1965
19650063254	Semiconductor laser array techniques /semilat/ third quarterly report	1965
19650063255	Thermophysical properties of plastic materials and composites to liquid hydrogen temperature /-423 deg f/ technical documentary report, jul. 1962 - nov. 1964	1965
19650063257	Lunar Survey Probe Survivable Capsule Study Final Report, Phase B	1965
19650063258	Project squid semiannual progress report, 1 oct. 1964 - 31 mar. 1965	1965
19650063260	Solvent extraction study of metal fluoroacetylacetonates interim report, 9 sep. 1963 - 9 sep. 1964	1965
19650063261	Study, design and test of functionally integrated pneumatic components for rocket propulsion systems technical report, 1 jun. 1963 - 20 nov. 1964	1965
19650063262	Development of improved cutting tool materials interim engineering progress report, 25 jan. - 15 may 1965	1965
19650063263	Establishment of manufacturing methods for crossed-field amplifiers at p-, s-, and x- bands interim engineering progress report, 1 feb. - 30 apr. 1965	1965
19650063264	The development of a low-temperature cylindrical thermionic generator summary technical report, mar. 1964 - mar. 1965	1965
19650063266	Large motor case technology evaluation, volume ii annual progress report, jun. 11, 1964 - jun. 11, 1965	1965
19650063267	Single crystal hexagonal ferrites seventh quarterly progress report, dec. 1, 1964 - feb. 28, 1965	1965
19650063268	Ruggedized cable assembly for pcm equipment quarterly report, dec. 31, 1964 - mar. 31, 1965	1965
19650063270	Reactions of nucleophilic reagents with trimeric phosphonitrilic chloride	1965
19650063271	On the hydrodynamic theory of water-exit and -entry	1965
19650063272	On the isomer shift anomaly at the curie temperature of iron	1965
19650063273	Research on selective fluorination techniques quarterly progress report no. 6, 1 feb. - 30 apr. 1965	1965
19650063274	Large motor case technology evaluation, volume i first year summary progress report jun. 11, 1964 - jun. 11, 1965	1965
19650063275	Application of the method of matched asymptotic expansions to unsteady, diffusing, reacting flows	1965
19650063276	Synoptic scale heat exchange and its relations to weather	1965
19650063277	<theoretical and experimental investigation of electronic transport phenomena in semimetals< semiannual report, nov. 1, 1964 - apr. 30, 1965	1965
19650063278	European scientific notes	1965
19650063279	Electrostatic tape correlator tube for side- looking radar /slr/ technical report, apr. - dec. 1964	1965
19650063282	Determination of an aircraft's standard climb and level acceleration performance	1965
19650063283	Sintering behavior of unstabilized zirconium oxide technical report, oct. 1962 - sep. 1964	1965
19650063284	Solid-state raster scanning for display final report, feb. 1, 1964 - feb. 15, 1965	1965
19650063286	The fo radical and high pressure reactions of n2f2 ninth quarterly report, 1 feb. - 1 may 1965	1965
19650063293	Re-entry vehicle instrumentation program semiannual report no. 4	1965
19650063295	A study of an experimental uhf transmitter technical documentary report, 1 jun. 1964 - 31 mar. 1965	1965
19650063297	Measurement techniques to assist interpretation of the vela signal in the presence of clouds	1965
19650063298	Uncoated SPO Propellant Development	1965
19650063300	260-in.-dia Motor Program Monthly Progress Report No. 21, 1 - 28 Feb. 1965	1965
19650063302	Uncoated Nitronium Perchlorate Propellant Development	1965
19650063303	260-Inch Motor Demonstration and 156-Inch Motor Nozzle Test Program Quarterly Progress Report, 1 Jan. - 31 Mar. 1965	1965
19650063314	Fundamental investigation of the catalytic degradation of hydrocarbon fuels first quarterly progress report, 16 feb. - 16 may 1965	1965
19650063315	Lithium-nickel halide secondary battery investigation quarterly technical progress report, period ending mar. 10, 1965	1965
19650063316	A survey of model atmospheres used in the analysis of satellite orbits	1965
19650063317	Photographic material suitable for in-flight processing seventh quarterly progress report, 15 dec. 1964 - 15 mar. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063318	Dilute solution properties of high-molecular- weight poly/isobutyl methacrylate/. v- comparison of some light scattering corrections	1965
19650063320	The effect of machining on the maximum elastic working pressure of autofrettaged tubes	1965
19650063321	Large deflections of columns of variable flexural rigidity	1965
19650063322	Vaporization of compounds and alloys at high temperatures. part xx- thermodynamic study of germanium telluride using a mass spectrometer	1965
19650063323	Investigation of hermetically sealed maintenance-free, high rate, nickel- cadmium batteries for aircraft applications quarterly technical progress report	1965
19650063324	Research on millimeter ferromagnetic type parameter amplifier final report, 1 feb. 1962 - 31 jan. 1965	1965
19650063325	A linear-equation solution for scattering by a periodic plane array of thin conducting plates	1965
19650063326	Integrated electron density in the near wakes of hypersonic velocity spheres	1965
19650063327	Collective protection against cb agents, vol. 1 fourth bimonthly progress report, 1 jan. - 28 feb. 1965	1965
19650063328	Experimental modulator-demodulator for project leap frog	1965
19650063330	Design, development and fabrication for a digital measurement and recording system, model 577t1 progress report no. 3, 1 dec. 1964 - 28 feb. 1965	1965
19650063331	Research, development and manufacture of magnetic forming coils and coil transporter dolly summary report	1965
19650063332	A study of mission requirements for manned mars and venus exploration. volume i- research and technology implications report	1965
19650063333	A study of mission requirements for manned mars and venus exploration. volume ii- summary	1965
19650063334	A study of mission requirements for manned mars and venus exploration. volume iii- technical report	1965
19650063336	Lem truck guidance and navigation study quarterly status report, 1 mar. - 31 may 1965	1965
19650063337	Studies of infrared radiative transfer in hot gases. ii- formulation of band-models for nonisothermal paths	1965
19650063342	Gallium arsenide data sheets	1965
19650063345	A feasibility study for applying the tilt float principle to the curtiss-wright x-19 aircraft final report	1965
19650063348	Reed switching devices fourth quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650063351	Reliability analysis of electronic circuits	1965
19650063352	Minimum volume design of axisymmetric plates. volume variation and restrictions on minimal regimes interim technical report	1965
19650063353	Lithium anode limited cycle battery investiga- tion quarterly technical progress report	1965
19650063355	The determination of propellant plasticizers, inhibitor plasticizers, bonding solvents, and propellant stabilizer in arp-fpc by gas-liquid chromatography	1965
19650063356	Calculation of energy dissipation by electrons in water	1965
19650063357	Fracture micromechanics of fe-ni-co and other alloys quarterly progress report, 1 jan. - 1 mar. 1965	1965
19650063359	Whiskers- a selected bibliography	1965
19650063360	A review of the literature on the buckling characteristics of conical shells	1965
19650063361	Prototype conical leaky-wave antenna	1965
19650063363	Liquid atomization from rocket engine injectors	1965
19650063365	Condensed state reactions at high pressure	1965
19650063366	The biological effects of electromagnetic fields- annotated bibliography surveys of soviet-bloc scientific and technical literature	1965
19650063371	Analytical techniques for the design of seals for use in rocket propulsion systems. volume i- static seals final report, 1 feb. 1962 - 15 nov. 1963	1965
19650063372	Distillation of beryllium in vacuum by electron beam techniques final report 15 jun. 1963 - 15 oct. 1964	1965
19650063373	Experimental reflector orbital shot /eros/, volume ii	1965
19650063374	Analysis of high-frequency signals with regard to data transmission utilizing narrow-band noise model	1965
19650063378	Study of microwave generation utilizing double-stream instabilities in anisotropic media fifth quarterly progress report, 1 dec. 1964 - 1 mar. 1965	1965
19650063379	Techniques for measuring the quality of high temperature potassium vapor first quarterly progress report, mar. - may 1965	1965
19650063380	Test plan vibration survey of the titan iii itl frame and mast structure	1965
19650063381	Performance of topical application solutions prepared from aging stannous fluoride concentrate	1965
19650063382	Simplified method of evaluating spatial photo- elastic test data	1965
19650063384	Analytical techniques for the design of seals for use in rocket propulsion systems. volume ii- dynamic seals final report, 1 feb. 1962 - 15 nov. 1963	1965
19650063385	Optical transmitter techniques third quar- terly interim report, 15 oct. 1964 - 15 jan. 1965	1965
19650063386	Transtage propulsion system pilot monitoring and control simulation summary progress report, 12 apr. - 1 jun. 1965	1965
19650063387	Optical and electrical properties of single zno crystals with zn-excess	1965
19650063388	Paramagnetic resonance of a photosensitive center in lithium-doped zno crystals	1965
19650063390	Solid-state laser explorations interim technical report, 15 feb. - 15 may 1965	1965
19650063391	High temperature gas chromatography substrates interim report, 8 nov. 1963 - 8 nov. 1965	1965
19650063393	High voltage breakdown study first quarterly progress report, 16 nov. 1964 - 15 feb. 1965	1965
19650063394	Investigation of solid propellant rocket motor cases quarterly interim technical report, 22 dec. 1964 - 21 mar. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063395	Experimental physics at turkish universities	1965
19650063396	Optical pumps for lasers third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650063397	Research and development of cathodoluminescent phosphor with high-intensity ultraviolet emission second quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650063398	Development of a c-band solid-state oscillator third quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650063400	Fine grain dense ferrites third quarterly report, 1 jan. - 31 mar. 1965	1965
19650063401	Research study for increasing the sensitivity of photoemitters final report, 29 dec. 1961 - 31 mar. 1965	1965
19650063402	[No Title]	1965
19650063403	Mechanical properties of some 7075-t73510 extrusions	1965
19650063423	Wind tunnel experiments- supersonic vehicle induced turbulence effects on reconnaissance photography final report, may 1962 - oct. 1964	1965
19650063431	Airmobile artillery feasibility and preliminary design study final report	1965
19650063443	Particle dynamics in plug and reverse flow nozzles final technical progress report, 16 nov. 1964 - 15 feb. 1965	1965
19650063444	Research and development of viscous friction transmission final report, 24 feb. 1964 - 23 feb. 1965	1965
19650063452	Study of engineering aspects- mission requirements of lifting systems	1965
19650063454	Manufacturing process development for rolling cast slabs of columbium /cb-752/ alloy interim engineering progress report no. 4, 1 mar. - 31 may 1965	1965
19650063455	Nasa propellant gas valve scale-up program progress report, feb. 15 - may 15, 1965	1965
19650063457	Studies in ignition and flame propagation of solid propellants first semiannual report, 27 oct. 1964 - 30 apr. 1965	1965
19650063460	Quarterly reliability and quality assurance report. volume ii- quality assurance progress report, jan. - mar. 1965	1965
19650063461	Thermal aging studies of epoxy-encapsulated solenoid coils	1965
19650063462	The effect of axially-symmetrical deviations from the cylindrical form on the stress in ring-stiffened cylinders under uniformly distributed pressure	1965
19650063463	Guidance system error study technical summary report	1965
19650063465	<studies of photosynthetic halophiles from owens lake< quarterly progress report no. 3	1965
19650063466	Heat transfer studies of solid rocket igniters quarterly progress report no. 2, oct. - dec. 1964	1965
19650063468	<snap-50/spur generator development program< quarterly technical progress report, jan. 1 - mar. 31, 1965	1965
19650063471	<development of a life support and metabolic rate monitoring system to assist in the study of circadian rhythms associated with the metabolism of the potato tuber< technical status report, aug. 14, 1964 - may 4, 1965	1965
19650063472	Satellites and probes program progress report, may 1965	1965
19650063474	H-1 engine lox dome failure	1965
19650063475	Development of oscillating gimbal bearing gyroscope final technical report, 1 jul. 1963 - 15 feb. 1965	1965
19650063476	Program 624a value engineering report, 1 january - 31 march 1965	1965
19650063477	Cryogenic insulation research quarterly progress report no. 3, 1 mar. - 1 jun. 1965	1965
19650063480	Utilization of spent launch vehicle stages in support of earth orbital missions. volume i- summary final report	1965
19650063481	Launch vehicle cost parameters study research and technology implications report	1965
19650063482	Utilization of spent launch vehicle stages in support of earth orbital missions. volume iii- technological implications final report	1965
19650063484	<construction of additional laboratory and rocket firing facilities at the purdue university jet propulsion laboratory< progress report, jan. 15 - may 15, 1965	1965
19650063486	Nimbus c launch operations plan	1965
19650063488	High power remote tuning techniques third quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650063489	Continued epidemiologic studies on tahyna virus carried out along the stipulated lines final technical status report, 1 mar. 1964 - 28 feb. 1965	1965
19650063490	Portable spaced-loop antenna final progress report, 1 oct. 1963 - 31 dec. 1964	1965
19650063491	Production tool for diffusion bonding quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650063492	Infrared detectors and detector materials interim report, feb. 1 - may 31, 1965	1965
19650063494	Utilization of spent launch vehicle stages in support of earth orbital missions. volume ii- technical report final report	1965
19650063506	Similarity requirements for vehicle motion within a blast	1965
19650063507	Mercury rankine power conversion program- mercury materials evaluation and selection gfy 1964 topical report no. 29	1965
19650063508	Experimental neutron albedo of concrete for reactor neutrons	1965
19650063511	Launch vehicle cost parameters. volume iv- analysis of research and technological implications	1965
19650063512	Excess demand for engineers and scientists- 1949-1964	1965
19650063513	Probability distributions for disturbing torques sixteenth technical report, 1 oct. 1964 - 30 apr. 1965	1965
19650063514	Launch vehicle cost parameters. volume ii- resource availability	1965
19650063515	Launch vehicle cost parameters. volume iii- decision and worth analysis	1965
19650063516	Document indexing and retrieval system final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063517	Investigation of a subliming solid bipropellant control rocket monthly progress report no. 12, apr. 1 - 30, 1965	1965
19650063518	Experimental and theoretical studies in planetary aeronomy quarterly progress report, 15 jan. - 15 mar. 1965	1965
19650063520	Fortran program for the study of supersonic transport cabin decompression	1965
19650063521	A method of stress analysis for semi-toroidal tanks, part i	1965
19650063522	Ultrasonic wave propagation and interaction in solid materials technical documentary report, 28 nov. 1963 - 28 nov. 1964	1965
19650063524	Network operations plan for titan iii /3 and 4/	1965
19650063525	Network operations plan for javelin 8.37 gj	1965
19650063526	Network operations plan for titan iii c-1	1965
19650063528	Investigation of the structure of ceramics for electronic application progress report, jul. - dec. 1964	1965
19650063531	Assistance to the air defense mission in the future nas artccs	1965
19650063532	Development of improved single crystal gallium phosphide solar cells quarterly report no. 3, 15 feb. - 15 may 1965	1965
19650063534	Flight dynamics of sounding rockets in the region of pitch roll coupling	1965
19650063535	<research in coronal and chromospheric physics> semiannual status report, 1 oct. 1964 - 31 mar. 1965	1965
19650063537	Investigation of a subliming solid bipropellant control rocket monthly progress report no. 13, 1 - 31 may 1965	1965
19650063539	Cesium-water hydrogen production process for the ammonia production feasibility study final technical report, 2 oct. 1964 - 29 jan. 1965	1965
19650063542	Research on thin film tunnel cathodes, recombination cathodes, and similar cold cathodes fourth quarterly progress report, 15 dec. 1964 - 14 mar. 1965	1965
19650063543	Phase control from magnetic tape	1965
19650063544	Evaluation of combustion instability detection techniques final report, 15 jun. - 15 dec. 1964	1965
19650063546	Omnidirectional uhf telemetry antenna, 1435-1535 mc and 2200-2300 mc	1965
19650063551	Solid-state microwave research final report, dec. 30, 1963 - apr. 15, 1965	1965
19650063552	Research and investigation of cathodoluminescent phosphor films prepared by solution spraying final technical report, 1 sep. 1963 - 31 mar. 1965	1965
19650063553	Research on dielectrics for microwave electron devices second quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650063554	A study of selected propellant actuated devices to eliminate or minimize toxic propellant gases	1965
19650063555	Research and development on mathematical- analytical techniques in casting second interim engineering progress report, 1 mar. - 31 may 1965	1965
19650063556	Aerodynamic characteristics of the parachute stabilized a-21 cargo container	1965
19650063558	Supersonic transport cabin decompression study final report	1965
19650063561	Research and development of a high-energy non-aqueous battery quarterly report, 18 sep. - 18 dec. 1964	1965
19650063564	Experiments on x-ray protection final technical report, 1 nov. 1964 - 31 jan. 1965	1965
19650063565	Non-vacuum deposition techniques for use in fabricating thin film circuits interim engineering report, 1 jan. - 31 mar. 1965	1965
19650063566	Surface treatment of titanium	1965
19650063568	Rocket measurements of the electron density in the ionosphere technical report no. 98	1965
19650063569	Programming technique for the adapp analogue computer. calculating the reliability of regulatory systems	1965
19650063570	Research studies of high-density plasmas first quarterly progress report, 15 sep. - 15 dec. 1964	1965
19650063571	Preliminary measurements of faraday rotation with the 430 mc/s radar system at arecibo, puerto rico internal report	1965
19650063572	Weapon system 133a- high rate hydrotest of a minuteman stage iii rocket motor final report	1965
19650063573	High energy crystalline laser materials semiannual technical summary report, 16 oct. 1964 - 15 apr. 1965	1965
19650063574	Recent progress in satellite geodesy	1965
19650063575	Pressure welding of metals	1965
19650063608	Localization of sound. part 5- auditory perception	1965
19650063609	Theory	1965
19650063610	Experimental developments	1965
19650063611	Investigation of the recognition factors of human speech	1965
19650063612	Logarithmic characteristic of alloyed germanium diode in terms of conduction. nonlinear capacitance of p-n junction of laminated germanium diodes	1965
19650063613	Materials research for heat transfer fluids technical documentary report, jan. - dec. 1964	1965
19650063614	The unscrambling of data studies in segmental differential approximation. sleigh ride/mark 11a readiness program	1965
19650063615	Use of an infrared radiation detector for aerial photography	1965
19650063616	Launch vehicle control systems research	1965
19650063617	Practical application of air ejectors <anwendungsmoglichkeiten von strahlapparaten>	1965
19650063618	Theoretical and experimental investigation of air ejectors <theoretische und experimentelle untersuchungen an strahlapparaten>	1965

Accession Number (DocID)	Title	Publication Year
19650063619	Computation of natural vibration modes and frequencies of vehicles as beams and shells with arbitrary boundary conditions <berechnung der eigenschwingungsformen und frequenzen bei flugkorpfern als balken und als schale mit beliebigen randbedingungen<	1965
19650063620	Physiology of strenuous physical labor. v- cardiac output and stroke volume during strenuous physical labor <beitrage zur physi- ologie schwerer korperlicher arbeit. v- mit- teilung- minutenvolumen und schlagvolumen des herzens wahrend schwerer korperlicher arbeit<	1965
19650063621	Influence of age, sex, constitution, and occupation on the strength of various muscle groups. iv. dynamometric for men and women <einfluss des lebensalters, geschlechts, der konstitution und des berufs auf die kraft verschiedener muskelgruppen iv mitteilung, uber die dynamometrischen werte bei mannern und bei frauen<	1965
19650063622	Turbulent mixing of round cold-air jets with ambient hot air at rest <turbulente vermi- schung runder kaltluftstrahlen mit umgebender ruhender heissluft<	1965
19650063623	Accumulation of liver glycogen in fasting rats <il deposito di glicogeno nel fegato del ratto durante il digiuno<	1965
19650063624	The effect of athletic training on the circu- latory system <uber die wirkung des sport- trainings auf kreislauforgane<	1965
19650063625	Athletic ability of the female during the menstrual period <die sportliche leistungs- fahigkeit der frau im menstrualzyklus<	1965
19650063626	On the question of sports and menstruation <zur frage sport und menstruation<	1965
19650063627	Development of a needle valve <entwicklung eines nadelventils<	1965
19650063628	Quantitative analysis in microanalysis by electron probe <l'analyse quantitative en microanalyse par sonde electronique<	1965
19650063629	Experiments on the significance of orientation in the effect of centrifugal forces on the human body <versuche uber die bedeutung der richtung beim einwirken von fliehkraften auf den menschlichen korper<	1965
19650063630	Excitation functions of the reactions ni58/n,2n/ni57, cu65/n,2n/cu64 and zn64/n,2n/zn63 in the energy range from 12.6 to 19.6 mev <anregungsfunktionen der reaktio- nen ni58/n,2n/ni57, cu65/n,2n/cu64 und zn64/n,2n/zn63 im energiebereich von 12,6 bis 19,6 mev<	1965
19650063631	On the characteristics of the "westco" type rotary pumps first report	1965
19650063632	Studies on the synthesis of 4,5-diamino-naphthalic acid and its derivatives	1965
19650063633	Theory of westco type rotary pump	1965
19650063634	Simple design for a position servo system with viscous damping by a tachogenerator <rychly navrh polohoveoh servomechanizmu s viskoznim tlumenim tachogeneratorem<	1965
19650063635	Distribution of the mass associated with electrostatic potential energy <la distribution de la masse de l'energie potentielle electrostatique<	1965
19650063636	Potential energy and its mass <l'energie potentielle et sa masse<	1965
19650063637	A classical relativistic theory of quasi-point charged particles <essai sur une theorie relativiste classique des particules chargees quasi-punctuelles<	1965
19650063638	Material problems in satellite technology <werkstoff-probleme der satellitentechnik<	1965
19650063639	Process for obtaining porous barriers in polytetrafluorethylene, the barriers having pores with diameters ranging from 1 mu to 0.01 mu <procedimento per ottenere barriere porose in politetrafluoroetilene aventi pori con diametri compresi tra 1 mu e 0.01 mu<	1965
19650063640	Smoothing of experimental data <hlidka stia<	1965
19650063641	Effective cross section of very slow ions <der wirkungsquerschnitt sehr langsamer ionen<	1965
19650063642	The effect of centrifugal forces on the blood circulation of human subjects sitiing in aircraft <die wirkung von fliehkraften auf den blutkreislauf des im flugzeug sitzenden menschen<	1965
19650063643	On the nitration of polycyclic aromatic hydrocarbons by nitrous vapors <sulla nitrazione degli idrocarburi aromatici policiclici per mezzo dei vapori nitrosi<	1965
19650063644	On 4,5-dinitrophthalic acid	1965
19650063645	On 4,5-dinitro-2-methylbenzoic acid <sur l'acide dinitro-4,5-methyl-benzoique<	1965
19650063646	Significance of nucleating and nonstationary heat transfer in the heat exchange during bubbles vaporization and droplet condensation <bedeutung der keimbildung und der instationaren warmeubertragung fur den warmeubergang bei blasenverdampfung und tropfenkondensation<	1965
19650063647	Annular disperse flow of a liquid-gas mixture in a tube- measurement of the flow rate of a liquid film at the wall <ecoulement en tube d'un melange de liquide et de gaz en regime annulaire disperse- mesure du debit de liquide en film a la paroi<	1965
19650063648	A new reflection polariscope and its application in stress-optical surface coating techniques /part ii/ <ein neues reflexionspolariskop und seine anwendung beim spannungsoptischen oberflachenschichtverfahren /teil ii/<	1965
19650063649	Atomizing of liquids <die zerstaubung von flussigkeiten<	1965
19650063650	Volume regulation aspects of kidney function <volumenregulatorische aspekte der nieren- funktion<	1965
19650063651	Effect of thermoregulation and of motor adaptation on the work performance and on the recovery phase <vliv termoregulacni a pohybove adaptace na pracovni vykon a na prubeh zotavne faze<	1965
19650063653	Calculation of the far-field patterns of a rectangular waveguide phase report	1965
19650063656	Nondestructive testing equipment and testing instruments	1965
19650063657	Hypervelocity impact of brittle materials	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063659	Studies of the effect of laser radiation on chemical activation and vapor fog nucleation quarterly progress report no. 2, oct. - dec. 1964	1965
19650063660	Compatibility of materials with fluorine and fluorine-base oxidizers	1965
19650063661	Characteristic calculation of flow fields with chemical reactions	1965
19650063662	Program in the materials sciences, january 1963 - june 1964	1965
19650063666	Performance evaluation of trap image orthicon system, volume 2	1965
19650063668	Miniaturized receiver for low accuracy time recovery	1965
19650063669	Hot electron amplifier interim engineering report, 1 jan. - 31 mar. 1965	1965
19650063670	High temperature thermally stable greases technical report, 1 jan. 1964 - 1 feb. 1965	1965
19650063671	Some analytical aspects of bubble dynamics	1965
19650063672	Launch vehicle component costs study. volume i- summary report	1965
19650063673	Launch vehicle component costs study. volume ii- technical report	1965
19650063674	Launch vehicle component costs study. volume iii- research and technology implications report	1965
19650063675	Orbital tanker design data study. volume 1- summary final report	1965
19650063676	Orbital tanker design data study. volume iv- research and technology implications final report	1965
19650063679	Self-stabilizing adaptive control systems, period ending december 1964	1965
19650063682	Aerobee nasa 127 ua, s/n af 142 /15 april 1965/ meteorological data report	1965
19650063685	Closed cycle systems thermodynamic analysis- performance prediction	1965
19650063689	Thin-film monotonics, a summary of progress final report, 12 mar. 1964 - 12 mar. 1965 thin-film monotonics final report, 12 mar. 1964 - 12 mar. 1965	1965
19650063690	The yuma test station, arizona, hourly and daily insolation record, 1951-1962	1965
19650063691	Electronic control of laser beams third quarterly technical summary report, 26 nov. 1964 - 26 feb. 1965	1965
19650063692	Mechanical tests at room and elevated temperatures on hiduminium 100 /s.a.p./. part iii- creep tests on 16 s.w.g. sheet containing 6.5 percent and 10 percent oxide	1965
19650063693	Aerobee nasa 4.114 gg /23 april 1965/ meteorological data report	1965
19650063694	<an investigation of skeletal response to immobilization< semiannual progress report, jan. 1 - jun. 30, 1965	1965
19650063695	A note on proto-political behaviors	1965
19650063696	Topographic studies of pishah crater, california technical letter nasa-7	1965
19650063697	Orbital tanker design data study. volume iii- orbital tanker parametric design data final report	1965
19650063698	Experimental research on hypervelocity cratering by microscopic particles phase i summary report, period ending 8 jun. 1965	1965
19650063699	Possibilities of the ultrasonic testing of layers of metal spray with respect to adhesion and homogeniety	1965
19650063700	A study of lunar flying vehicles summary	1965
19650063701	Study of spacecraft propulsion systems for manned mars and venus missions. volume i- summary	1965
19650063702	Evaluation of resistance versus radiant heating method on the stress-rupture properties of coated c-103 columbium alloy in air at 2400 deg f technical report, dec. 1963 - aug. 1964	1965
19650063703	Study of arc-jet propulsion devices quarterly progress report no. 2, 1 mar. - 31 may 1965	1965
19650063704	System criteria for launch vehicle systems, volume v final oral report, jun. 29, 1964 - may 1965	1965
19650063705	Indication of an energy extremum in ruby lasers from spiking data	1965
19650063706	Data collection design concepts and afftc range planning to support the dyna-soar x-20 program	1965
19650063709	Use of kryptonates in materials research technical report, 1 jan. - 31 dec. 1964	1965
19650063710	Millimeter wavelength power generation utilizing the phreatron effect seventh quarterly progress report, 1 dec. 1964 - 1 mar. 1965	1965
19650063711	Measurements of the speed of a rarefaction wave behind a normally reflected shock wave	1965
19650063712	Feasibility study, t-27 gemini-b manned orbit- ing laboratory expansion final documentary report, 21 sep. - 16 nov. 1964	1965
19650063713	The franco-german research institute at saint-louis, france	1965
19650063714	Doubling of aircraft piston-engine life	1965
19650063715	Development and qualification of the xm98 initiator technical report, nov. 1963 - dec. 1964	1965
19650063716	The effect of heavy doping on the diffusion of impurities in silicon	1965
19650063717	Space guidance scientific support study. volume ii- test requirements for a low- frequency tactical navigation system final report	1965
19650063719	Remote position control system for remote control infrared light source final technical report, 5 sep. 1964 - 30 jan. 1965	1965
19650063720	Glow discharge shock tube for studying surface catalysis, gas phase, and chemiluminescent reactions	1965
19650063721	Exploratory research on scoring techniques by obscuration final report, jan. 1964 - jan. 1965	1965
19650063722	Gas chromatographic methods for liquid pro- pellant analysis quarterly progress report, 1 mar. - 31 may 1965	1965
19650063723	Fracture toughness, fatigue crack propagation and corrosion characteristics of aluminum alloy plates for wing skins yearly summary technical report, 3 jun. 1964 - 3 jun. 1965	1965
19650063724	Phenomenon of superconductivity final technical summary report, 17 apr. 1963 - 31 mar. 1965	1965
19650063725	The development of an instrument for the detection of hazardous vapors technical report, 1 feb. 1964 - 31 jan. 1965	1965
19650063726	100-kilovolt ceramic-metal thyratron fifth quarterly progress report, oct. 15, 1964 - jan. 14, 1965	1965
19650063728	Ylr 99-rm-1 igniter sensing line pressure surge investigation	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063729	Biological measurement of man in space, summary report final report	1965
19650063730	Lasig ii- pulsed laser ion generator study quarterly progress report no. 3, 1 feb. - 30 apr. 1965	1965
19650063732	A study of lunar flying vehicles final report	1965
19650063737	Air vent surface motion photography final report	1965
19650063739	The effective wind on parachute delivery accuracy	1965
19650063741	Investigation of combustion instability with liquid oxygen and liquid or cold gaseous hydrogen propellants, phase ii final report	1965
19650063742	Test program on durability of aircraft coatings quarterly report	1965
19650063743	Space measurements survey for defense atomic support agency. part ii- satellites and space probes	1965
19650063744	Integrated maintenance concept for digital equipment technical summary report	1965
19650063745	Exhibit for integrated maintenance concept for digital equipment on memory control logic for the saturn operational computer	1965
19650063746	Study of a survivable capsule for the lunar survey probe final report	1965
19650063747	Study of a survivable capsule for the lunar survey probe- program plan, flight hardware development	1965
19650063748	Laboratory and modeling studies of microwave and radar responses to simulated terrain quarterly status report, 1 jan. - 31 mar. 1965	1965
19650063749	<determination of the relaxation times and lifetimes of excited states in electroluminescent materials by electron paramagnetic resonance< monthly progress report no. 24, may 1965	1965
19650063750	Network operations plan for saturn 10 /sa-10/	1965
19650063751	On the problem of the reusable orbital transport status report	1965
19650063752	A mathematical model for optimizing a molab surface mission	1965
19650063753	Investigation of nondestructive methods for the evaluation of graphite materials technical report, 15 apr. 1964 - 14 apr. 1965	1965
19650063754	The detection of weak magnetic fields using dipole resonance in thin-permalloy films	1965
19650063755	Circular arrays of beverage antennas for high frequency direction finding. a study technique to produce a high frequency land based direction finder utilizing traveling wave beverage antennas in the air-earth interface interim development report, 4 dec. 1964 - 3 mar. 1965	1965
19650063756	Structural studies of bearing steel undergoing cyclic stressing summary report no. 1	1965
19650063757	Dynamic buckling of cylinders under axial shock loading	1965
19650063758	Long wavelength infrared domes technical report, aug. 1962 - dec. 1964	1965
19650063759	The three-dimensional distribution of the electron temperature in a weakly ionized low-pressure plasma in homogeneous magnetic fields	1965
19650063760	Lower bounds for eigenvalues of a quadratic form relative to a positive quadratic form	1965
19650063762	Some switching parameters of semiconductor diodes for digital circuits	1965
19650063765	Development of radio interference measuring set an/urm-110 /xe-1/ progress report, 1 oct. - 31 dec. 1964	1965
19650063766	Results of sound pressure level measurements during sa-9 launch. part i- overall time histories	1965
19650063767	Oak ridge national laboratory status and progress report, june 1965	1965
19650063768	The compilation of representative sensor imagery final report	1965
19650063769	Direct evaporation of alloys	1965
19650063771	Launch vehicle cost parameters. volume i- summary report	1965
19650063772	Life in extreme environments progress report, dec. 1, 1964 - jun. 1, 1965	1965
19650063773	Directionally reflective coating study technical summary report, jun. 1964 - may 1965	1965
19650063774	<design, development, fabrication, and testing of a jet stagnation temperature measurement system< progress report, 1 - 31 apr. 1965	1965
19650063775	<nimbus project- reliability and quality assurance, systems and subsystems review, and computer programming< monthly technical progress report, jan. 1965	1965
19650063776	Thermodynamic analysis of the dne-a spacecraft	1965
19650063777	Titan ii use plan, final revision. volume iv- readiness /part 1/	1965
19650063778	Orbital tanker design data study. volume ii- technical report final report	1965
19650063780	The rectangular prism as optical resonator	1965
19650063781	Measurement of fatigue in flight <mesure de contraintes en vol<	1965
19650063783	Development of welding procedures and filler materials for joining high strength low alloy steels seventh quarterly progress report, 15 dec. 1964 - 15 mar. 1965	1965
19650063785	Effects of ultrasound on deformation characteristics of structural metals. part 4- internal friction and crystal plasticity in intense ultrasonic fields technical progress report no. 371, 1 jul. 1963 - 30 jun. 1964	1965
19650063788	Model study of ionosphere perturbations and propagation between two sites quarterly report, 1 jan. - 1 apr. 1965	1965
19650063789	Research and development of microminiaturization techniques and circuitry and its adaptability to radar altimeters. phase ii- phase completion report and thermal analysis	1965
19650063790	Research and development of microminiaturization techniques and circuitry and its adaptability to radar altimeters. phase i- phase completion report	1965
19650063791	Study of conjunction class manned mars trips	1965
19650063792	Study of launch vehicle cost parameters, volume i summary report, jul. 1964 - jun. 1965	1965
19650063793	The development and evaluation of large-scale rva and cfz graphite final report, 1 may 1963 - 30 apr. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063794	Development of alternating current plasma accelerator for application as an ultra-high- velocity tunnel technical report, 1 jul. 1961 - 30 aug. 1964	1965
19650063795	A satellite measurement of the latitude distribution of the 5577 angstrom and 6300 angstrom night airglow	1965
19650063796	Investigation of microwave dielectric- resonator filters sixth quarterly report, 1 dec. 1964 - 28 feb. 1965	1965
19650063797	Subminiature audio cords first quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650063799	Fatigue of metal crystals technical report, mar. 1, 1963 - jan. 31, 1965	1965
19650063800	Research on millimeter-wave tubes interim engineering report, 1 mar. - 31 may 1965	1965
19650063801	Development of manufacturing methods for the production of infiltrated tungsten composite rocket nozzle inserts interim engineering progress report, 1 mar. - 31 may 1965	1965
19650063802	Storage and retrieval module mobile wing reconnaissance technical squadron osr-406	1965
19650063803	Summary of the tenth meeting of the refractory composites working group	1965
19650063804	Advanced undercarriage systems. part 1 - state-of-the-art and projected requirements technical documentary report, 1 jan. - 15 aug. 1964	1965
19650063806	The effect of doping on gold diffusion in germanium	1965
19650063807	Development of improved cutting tool materials interim engineering progress report, 14 mar. - 14 jun. 1965	1965
19650063808	Evaluation of imagery screening procedures third quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650063809	Design of a low altitude turbulence model for estimating gust loads on aircraft final report, jan. 1963 - may 1964	1965
19650063810	Investigation and development of high temperature insulation systems technical report, feb. 1964 - apr. 1965	1965
19650063811	The electroacoustic properties of iii-v compounds technical report, nov. 1963 mar. 31, 1965	1965
19650063813	Manufacturing methods for form rolling complex shapes of high strength titanium alloys interim engineering progress report, 1 mar. - 31 may 1965	1965
19650063814	Ch-47a advanced an/asw-12 v stability augmentation system flight safety evaluation	1965
19650063815	Liquid rocket system conjugate structure and tankage. part i- functional integration and design study. volume v- structural, functional, and reliability test plans technical documentary report, 1 apr. - 30 sep. 1964	1965
19650063816	Liquid rocket system conjugate structure and tankage. part i- functional integration and design study. volume iii- functional and flight design criteria technical documentary report, 1 apr. - 30 sep. 1964	1965
19650063817	Electronics program. cascaded binary error codes- probability of error in linear and random codes semiannual technical report, 1 jul. - 31 dec. 1963	1965
19650063818	The application of vibrational energy to the drawing of metallic materials interim engineering progress report, 1 mar. - 31 may 1965	1965
19650063819	Experimental determination of the apparent moment of inertia of parachutes technical documentary report, 15 apr. 1963 - 1 may 1964	1965
19650063821	156-inch diameter motor jet tab tvc program	1965
19650063829	Advanced throttling concept study final report	1965
19650063830	Microchannel image intensifier tube studies final technical report, feb. 1964 - feb. 1965	1965
19650063832	The effects of fuel injection parameters on forces produced by external burning on the surface of an axisymmetric body	1965
19650063833	Static stability and drag characteristics of supersonic winged re-entry vehicle configura- tions at mach numbers 1.5 to 2.5	1965
19650063834	Chemistry of rare gas compounds second quarterly technical summary report, 2 feb. - 30 apr. 1965	1965
19650063835	Weapon system 133a- quality assurance test number v-qa-43 /ground level test/ m57a1 operational rocket motor final report	1965
19650063839	Concentrated storable hydrogen peroxide quarterly progress report no. 4, feb.-apr. 1964	1965
19650063840	A study of the decomposition rate of nitronium perchlorate at temperatures of 80 to 140 deg f /26.7 to 60 deg c/	1965
19650063843	Lightweight metal foil heat exchanger, volume 1 final report, jun. 1962 - aug. 1964	1965
19650063846	High resolution hemispherical coverage antenna techniques /hicat/ first interim technical documentary report, 26 jun. - 26 sep. 1964	1965
19650063847	Lightweight surveillance antenna interim report, 18 jun. - 17 sep. 1964	1965
19650063850	Engineering research quarterly progress report, 15 jun. - 15 sep. 1964	1965
19650063852	Weapon system 133b- rocket motor m57e1 minuteman stage iii. flight test evaluation report, flight test missile 452	1965
19650063853	Refractory materials suitable for use in guided missile propulsion systems fifth quarterly report, 1 dec. 1964 - 1 mar. 1965	1965
19650063854	Chemical and propellant processing quarterly progress report, may 15 - aug. 15, 1964	1965
19650063855	Feasibility of a tripropellant feed system technical report, dec. 1963 - sep. 1964	1965
19650063860	Physical effects of gamma rays on plastic- bonded hmx and datb compositions - group 1	1965
19650063861	Aviation and cosmonautics	1965
19650063862	A unique experiment conducted by soviet scientists. a hundred and twenty days in an hermetically sealed chamber	1965
19650063863	We need a theory of weightlessness	1965
19650063864	Under conditions of extended spaceflight	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063865	Va-899 superpower microwave amplifier development program quarterly report no. 18, 1 oct. - 31 dec. 1964	1965
19650063866	Synthesis of high energy solid oxidizer binder propellants quarterly progress report no. 9, jan.-mar. 1965	1965
19650063867	Selected synthesis by fission fragment recoil quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650063869	Directional control test missile development program, volume i final report	1965
19650063870	Basic chemical research for advanced storable liquid oxidizers sixth quarterly report	1965
19650063871	Development of a light metal hydride hybrid system sixth quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650063872	Aerodynamic characteristics of several alternate configurations on the xasm-n-12 /walleye/ missile at high subsonic speeds	1965
19650063873	Monopropellant gas generator feasibility study	1965
19650063874	Lightweight metal foil heat exchanger. volume ii- hydrogen precooler development final technical report, jun. 1962 - aug. 1964	1965
19650063878	Light metal combustion efficiency investigation technical report, mar. 2, 1964 - mar. 16, 1965	1965
19650063879	Study of hypersonic interceptor controls, phase ii final report, 1 may 1964 - 15 apr. 1965	1965
19650063880	Development of a new process for the preparation of tetrafluorohydrazine	1965
19650063881	Transitions in the lft-10 gas generator	1965
19650063882	An investigation and feasibility demonstration of nozzles for restartable solid rocket motors third quarterly technical report	1965
19650063883	Weapon system 133b- rocket motor m57e1 minuteman stage iii. flight test evaluation report, flight test missile 451	1965
19650063884	High energy solid oxidizer production process final technical engineering report, 1 feb. 1963 - 15 jan. 1965	1965
19650063885	Synthesis of lmh-2 quarterly progress report, 15 jan. - 14 apr. 1965	1965
19650063886	Production, isolation and identification of the fo., fo2. and fo3. radicals quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650063893	Preliminary Survey of Optimum Thrust Levels for the HG-3 High Pressure Lox/Hydrogen Engine as Applied to an Up-rated Saturn V Vehicle	1965
19650063900	Investigation of radar resolution and discrimination techniques semiannual technical report, 8 oct. 1964 - 8 apr. 1965	1965
19650063903	[No Title]	1965
19650063904	Quantitative terrain analysis final report	1965
19650063905	Status of the geodetic analysis program at the applied physics laboratory	1965
19650063906	The design, test, and documentation of a 1-ks-75 spin motor for the scout vehicle monthly report no. 4 /final/, may 1-31, 1965	1965
19650063907	Laser devices exploratory investigation summary interim report, 1 may 1963 - 2 apr. 1965	1965
19650063908	Materials growth	1965
19650063909	Optical spectroscopy	1965
19650063910	Microwave spectroscopy	1965
19650063911	Giant pulse lasers and stimulated raman scattering	1965
19650063912	Comparison of observed and predicted stimulated raman scattering conversion efficiencies	1965
19650063913	Longitudinal mode control in giant pulse lasers	1965
19650063914	Mode structure independence of stimulated raman scattering conversion efficiencies	1965
19650063915	The selection of raman laser materials	1965
19650063916	Stimulated emission of stokes and anti-stokes raman lines from diamond, calcite, and alpha- sulfur single crystals	1965
19650063917	Combination lines in the stimulated raman spectrum of styrene	1965
19650063918	Laser-induced damage to transparent dielectric materials	1965
19650063919	Measurement of raman scattering cross sections for use in calculating stimulated raman scattering effects	1965
19650063921	Acoustic instrumentation and techniques study, volume i final report	1965
19650063922	Application of the mossbauer effect to transducers quarterly progress report, period ending 1 may 1965	1965
19650063923	Highly ionized spectra of nitrogen and oxygen status report no. 6, 1 mar. - 31 may 1965	1965
19650063924	Reusable orbital transport second stage. volume i- summary technical report final report	1965
19650063925	Reusable orbital transport second stage. volume iv- detail technical report missions, development, operation and cost final report	1965
19650063926	Reusable orbital transport second stage. volume v- research and technology implications final report	1965
19650063927	Ion rocket engine development quarterly progress report no. 2, 1 jan. - 31 mar. 1965	1965
19650063928	Managerial methods to reduce time and costs of research in the states of development, test and pre-production	1965
19650063929	Liquid rocket system conjugate structure and tankage. part i- functional integration and design study. volume iv- structural parameter studies technical documentary report, 1 apr. - 30 sep. 1964	1965
19650063930	Liquid rocket system conjugate structure and tankage. part i- functional integration and design study. volume vi- manufacturing plan technical documentary report, 1 apr. - 30 sep. 1964	1965
19650063931	Fundamental studies of contact fatigue final summary report, apr. 24, 1964 - jun. 24, 1965	1965
19650063932	Apodization in fourier transform spectroscopy	1965
19650063934	Autodin - a general description	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063935	Manufacturing methods, processes and development for cesium beam frequency standards interim engineering progress report, 9 mar. - 9 jun. 1965	1965
19650063936	Influence of synchrotron radiation on long- term decay of trapped energetic electrons	1965
19650063937	Royal naval symposium on naval medicine, london, 1-2 apr. 1965	1965
19650063938	Ultrasonic laser modulation techniques third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650063939	Liquid rocket system conjugate structure and tankage. part i- functional integration and design summary. volume ii- seven supplemental studies technical documentary report, 1 oct. 1964 - 28 feb. 1965	1965
19650063940	Development of experimental electronically tuned, decade bandwidth receiver	1965
19650063941	Automatic machine language program translation final report, oct. 1963 - dec. 1964	1965
19650063942	Large-area electronic display panel eleventh quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650063943	Recent developments in wind tunnel testing techniques at transonic and supersonic speeds	1965
19650063944	An evaluation of procedures for calculating aerodynamic loads technical report, feb.- dec. 1964	1965
19650063947	Fluidized bed techniques for coating refractory metals second interim engineering progress report, 8 mar. - 8 jun. 1965	1965
19650063948	Syntheses and reactions of 5-alkyl-4-amino-3- hydrazino-s-triazoles	1965
19650063949	On the landau solution of the plasma oscillation problem	1965
19650063950	Evaluation of propellant containment and venting devices for zero gravity applications final report, jul. 1964 - may 1965	1965
19650063951	Liquid rocket system conjugate structure and tankage. part i- functional integration and design study. volume i- summary technical documentary report, 1 apr. - 30 sep. 1964	1965
19650063952	Control systems theory applied to the re-entry of aerospace vehicles, part ii final report, may 1963 - may 1964	1965
19650063953	Thermal decomposition of c2f4 behind shock waves. 1- kinetics and equilibria of the c2f4-cf2 reaction /task 3.5 - experimental gasdynamics - rest program/	1965
19650063954	A theory of hypersonic near-wakes /task 3.1 - theoretical flow field analyses - rest program/	1965
19650063955	State-of-the-art review of ceramic-to-metal joining technical report, mar. 1964 - mar. 1965	1965
19650063956	Development of nondestructive testing techniques for large solid rocket nozzles third interim report, 1 jan. - 30 apr. 1965	1965
19650063957	A theory of stage ii fatigue crack propagation technical report, 1 sep. 1963 - 31 oct. 1964	1965
19650063958	Optical and electrical properties of solid rocket propellant flames	1965
19650063961	A study of arresting gear- the cost of accidents final report	1965
19650063962	Heat transfer and pressure distributions about sharp and blunt elliptic cones at angles of attack and high mach numbers technical report, jun. 1963 - aug. 1964	1965
19650063964	Investigation of particle growth and ballistic effects on solid propellant rockets first quarterly technical progress report, 1 jan. - 31 mar. 1965	1965
19650063965	Sintered and infiltrated pseudo-alloys of niobium and tantalum final report, dec. 1, 1964 - mar. 1, 1965	1965
19650063967	Crystal accelerometer and emitter follower transducer system setup and calibration procedure	1965
19650063968	Consolidated instrumentation plan for saturn/apollo, sa-8	1965
19650063969	<directional distribution of reflected thermal radiation for moderate to large angles of incidence> semiannual status report, 1 dec. 1964 - 31 may 1965	1965
19650063970	Novel techniques for ruling improved large diffraction gratings semiannual status report no. 2, 1 dec. 1964 - 31 may 1965	1965
19650063971	Effects of radiation on gastro-intestinal function and cyclic turnover of intestinal epithelium second semiannual status report /final/, dec. 1964 - jun. 1965	1965
19650063972	Launch vehicle guidance equations for the saturn 1b sa-202 mission	1965
19650063973	The first stage trajectory optimization of the saturn v vehicle	1965
19650063974	Development of 40mm image intensifier tube second interim technical progress report, 1 jan. - 31 mar. 1965	1965
19650063976	Chemistry research quarterly progress report, october - december 1964	1965
19650063978	Investigation of liquid-metal hydrides quarterly progress report	1965
19650063980	Methods in structural dynamics for thin shell clustered launch vehicles	1965
19650063984	Applicability of inertialess scanning techniques to the design of surveillance radar antennas third quarterly report, 1 nov. 1964 - 31 jan. 1965	1965
19650063987	Study of utilization of microwave interaction in semiconductors final technical documentary report, 30 sep. 1962 - 30 sep. 1964	1965
19650063988	A study of voltage induced inversion layers on the surface of single crystal silicon second annual report	1965
19650063989	Research into the critical heat flux /burnout/ in boiling water <untersuchung der kritischen heizflächenbelastung /burnout/ bei siedendem wasser> quarterly progress report no. 14, jan. 1 - mar. 31, 1965	1965
19650063991	Modular image intensifier with fiber optics coupling final report, 30 dec. 1960 - 30 oct. 1963	1965
19650063992	Performance characteristics of a cryogenic tripropellant system quarterly progress report no. 1, 1 mar. - 31 may 1965	1965
19650063993	A study of the explosion limits of simple difluoramino compounds quarterly technical summary report no. 8, 1 jan. - 31 mar. 1965	1965
19650063994	Explosive foams	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650063996	Noble gas compounds quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650063998	High energy solid oxidizer production process, volume ii final technical engineering report, 1 feb. 1963 - 15 jan. 1965	1965
19650064003	Characterization and evaluation of light metal hydrides quarterly progress report no. 6, period ending feb. 1, 1965	1965
19650064006	Studies of drag reduction by fluid ejection with a self-propelled torpedo	1965
19650064008	Advanced oxidizer research quarterly report, 1 jan. - 31 mar. 1965	1965
19650064010	Research on multilayer single crystals quarterly letter report no. 5	1965
19650064011	Research on extrinsic photoconductors quarterly letter report no. 7, 1 jan. - 31 mar. 1965	1965
19650064013	Investigation of the effect of catalysis as a means of increasing the efficiency of certain propellant systems quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650064014	Results from field tests of mod-2 homing optical guidance seeker /hogs/	1965
19650064015	Hybrid propulsion research program quarterly technical summary report no. 11, 1 jan. - 31 mar. 1965	1965
19650064019	Combustion of solid propellants at high pressures-a survey	1965
19650064020	Non-planar reflector array /arpon/ study final report, 1 nov. 1963 - 1 nov. 1964	1965
19650064021	Heat transfer in nozzle systems progress report, nov. 17 - feb. 17, 1965	1965
19650064022	Preparation of high-density light metal hydride-2 quarterly progress report	1965
19650064027	Third stage minuteman production support program. volume ii quarterly progress report /first/, 1 jan. - 30 apr. 1965	1965
19650064028	Quarterly progress report, january - march 1965	1965
19650064029	X-band electromagnetic amplifying lens final report	1965
19650064030	Terrain following results with the radar set an/apq-89 /xan-1/ technical publication, sep. 1962 - jan. 1964	1965
19650064031	Results of testing an atlantic research corporation xm-85 solid-propellant rocket motor under the combined effects of simulated altitude and rotational spin	1965
19650064033	Manufacturing methods for high energy metal hydrides interim engineering progress report, 1 jan. - 31 mar. 1965	1965
19650064039	Study of nonresolving optical techniques final technical report, jun. 1963 - jul. 1964	1965
19650064040	Pyrotechnic threat signature generation techniques interim technical report, 9 may 1963 - 9 nov. 1964	1965
19650064045	Technological Development of Throttling a Hybrid Propulsion System Seventh Monthly Letter Report, 29 Mar. - 30 Apr. 1965	1965
19650064048	Applicable Documentation for the Tiros OT-I Spacecraft Mission	1965
19650064049	Aerodynamic characteristics of ballutes and hemisflo parachutes at mach numbers of 2.5, 2.6, and 2.9	1965
19650064053	On convergence of the solutions of differen- tial equations involving brownian motion	1965
19650064054	Near-wake flowfield measurements /task 2.2 experimental flowfields - rest program/	1965
19650064055	Coherent optical parametric techniques third quarterly report	1965
19650064056	Multiparameter sensitivity analysis for linear systems	1965
19650064057	Compatible active thin-film integrated structures, phase ii interim engineering report, dec. 15, 1964 - apr. 14, 1965	1965
19650064058	Mass spectrometer study of metal-containing flames quarterly technical summary report, 1 jan. - 31 mar. 1965	1965
19650064059	Mechanical behavior of 18 ni - 9 co - 5 mo /300 ksi/ maraging steel under biaxial stress and rapid heating	1965
19650064060	Ablative phenolic and polyphenylene resins technical report, 1 jan. - 31 dec. 1964	1965
19650064063	Research and exploratory development for the engineering division, bureau of naval weapons quarterly report, jan. - mar. 1965	1965
19650064065	Strengthening of magnesium-neodymium alloys by heat treatment and strain harding	1965
19650064066	Minimum weight design of structures stiffened in the direction of loading	1965
19650064067	Laminar cone boundary layer transition m1 equals 10.2 minus 13.8 technical report, 1 feb. 1964 - 31 jan. 1965	1965
19650064068	Alleviation of contaminant freeze-out in heat exchangers. part ii- basic investigation of contaminant alleviation technical report, jun. 1963 - sep. 1964	1965
19650064070	Research on chemistry of O3f2 and O2f2 quar- terly technical summary report, jan. 1 - mar. 31, 1965	1965
19650064071	An investigation of physical parameters of non-electrically conducting fine particulates final report, sep. 1962 - apr. 1964	1965
19650064073	Development of high temperature flutter trans- ducer final report, aug. 1963 - sep. 1964	1965
19650064074	Design and development of an em window for air lift reentry vehicles interim engineering report no. 8, 1 mar. - 31 may 1965	1965
19650064075	Research and experimentation- aerophysics program semiannual progress report, 1 jul. - 30 sep. 1964	1965
19650064076	Development of rolling process for titanium compressor blades interim engineering pro- gress report, 1 mar. - 31 may 1965	1965
19650064077	Mass spectrometric study of ammonium perchlor- ate decomposition progress report, oct. 1964 - mar. 1965	1965
19650064078	Direction finding survey	1965
19650064079	Special purpose analysis techniques, volume i fourth quarterly progress report, 6 oct. 1964 - 5 feb. 1965	1965
19650064080	A study of the fundamentals of liquid propellant sensitivity sixth technical progress report, 1 mar. - 31 may 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064081	Applied research on extended interaction in icem magnetrons technical documentary report, 16 apr. 1964 - 16 apr. 1965	1965
19650064082	High-power microwave tube window investigations second quarterly progress report, 15 dec. 1964 - 15 mar. 1965	1965
19650064083	Development of a point deformation rolling mill interim engineering progress report, 1 apr. - 30 jun. 1965	1965
19650064084	Magnetic materials technology for ppm-focused twt's final engineering report, dec. 1962 - oct. 1964	1965
19650064085	Research and investigation of gallium arsenide-indium arsenide alloy systems, part i technical report, 1 may 1964 - 30 apr. 1965	1965
19650064086	Processing in limited geometry. part 13- gas-solid reactions in stirred beds. 2. the hydrofluorination of uranium dioxide and a study of reactor efficiencies	1965
19650064087	Review of solubility data for the liquid sodium-oxygen system	1965
19650064088	Quarterly research review no. 12, 1 january through 31 march 1965	1965
19650064089	System reliability prediction by function	1965
19650064090	System description and test results rampart radar an/fps-62/xw-1/ final report	1965
19650064091	Transistor, field effect, insulator gate, 100 mc amplifier third quarterly progress report, jan. 1 - mar. 31, 1965	1965
19650064092	Error correcting performance attainable by convolution encoding technical documentary report, 1 jan. - 30 jun. 1964	1965
19650064093	Effect of the unit record mount and processing on 70mm x 100mm film chips final report	1965
19650064094	Detailed study of deleterious effects on silicon transistor final report, 1 aug. - 31 oct. 1964	1965
19650064095	Advanced undercarriage systems. part ii- undercarriage design for a specific re-entry vehicle technical documentary report, 15 aug. 1964 - 31 jan. 1965	1965
19650064096	Photolysis of low temperature glasses. i- ethanol and ether at 77 deg k	1965
19650064097	Auxiliary electrode for charge control of sealed nickel-cadmium batteries third quarterly progress report, 15 dec. 1964 - 14 mar. 1965	1965
19650064098	An application of pert/cost in r and d management	1965
19650064100	The thermal and mechanical properties of five ablative reinforced plastics from room temperature to 750 deg f technical report, 3 jul. 1963 - 26 feb. 1965	1965
19650064101	Study of heating methods for structural testing greater than 3000 deg f technical report, 1 apr. 1964 - 15 mar. 1965	1965
19650064102	Reflection of electromagnetic waves from an overdense turbulent plasma technical report, 1 feb. 1964 - 31 jan. 1965	1965
19650064103	Experimental all solid state shf aerospace radio communications transmitter-receiver	1965
19650064104	Nuclear physics division progress report, 1 july 1964 to 28 february 1965	1965
19650064106	Radiation damage in uranium dioxide	1965
19650064107	A quick method for evaluating rocket performance trade-offs of unequal cost- effectiveness	1965
19650064108	On the resonance at 2.85 kev in the neutron total cross-section of sodium	1965
19650064109	The theory of transformed pencils of rays and its practical application in stereometrographs from jena	1965
19650064111	The prediction of instantaneous collapse pressures for fuel element cladding for pressurised water reactors	1965
19650064112	Effects of welding on fatigue behavior of hy-100 steel quarterly report, 1 dec. 1964 - 28 feb. 1965	1965
19650064113	A generalization and evaluation of the partial mixing model for turbulent reacting wakes and wake-like flows, part i	1965
19650064115	Heat treatment and deformation of magnesium oxide single crystals	1965
19650064116	The influence of interfacial bonding on fibre-composite strength	1965
19650064117	Evaluation of atlas solid propellant gas generators with defective propellant grains	1965
19650064119	Hydrogen embrittlement resulting from corrosion, cathodic protection, and electroplating final report, 15 nov. 1963 - 14 nov. 1964	1965
19650064120	New and improved heat transfer fluids technical report, 15 feb. 1964 - 14 jan. 1965	1965
19650064122	Structure of the electric field of the atmosphere and modern view of its origin	1965
19650064124	Production and propagation of spherical shock waves at low ambient pressures technical report no. 375	1965
19650064125	Interplanetary mission support requirements. volume iii- appendix final report, aug. 1964 - jun. 1965	1965
19650064126	Diffusion in organic crystals quarterly technical report, 1 jan. - 31 mar. 1965	1965
19650064127	Interplanetary mission support requirements. volume ii- technical report final report, aug. 1964 - may 1965	1965
19650064128	Interplanetary mission support requirements. volume i- summary final report, aug. 1964 - may 1965	1965
19650064129	Laser materials final report, 1 apr. 1964 - 31 mar. 1965	1965
19650064130	Survey study of sources of raw yttria for crystal growth	1965
19650064131	Anion- and cation-exchange for the purification of yttria	1965
19650064132	Empirical characterization of flowability	1965
19650064133	Modification of the flame fusion system- size escalation in the growth of high melting point crystals	1965
19650064134	Corrosion studies for crucible methods of growth of laalo3 from the congruent melt	1965
19650064135	<theoretical and experimental aspects of thrust vector control of large space vehicles< final report, 27 sep. 1961 - 30 apr. 1965	1965
19650064136	Transistorized voltage stabilizer	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064137	Transistorized voltage stabilizer	1965
19650064138	Power transistors connected in series. soviet electronics news	1965
19650064139	Hyperfrequency triodes ht 301, ht 311, ht 321, ht 322, ht 323, ht 351, part 1	1965
19650064140	Silicon transistor multivibrator	1965
19650064141	Attainable output power of semiconductor stabilized a-c network instruments	1965
19650064142	Discrepancy analysis of preflight equipment failures. medium space vehicles programs	1965
19650064143	Thin-sheet rolling	1965
19650064144	Refractory metal foil processing status report	1965
19650064145	Considerations in the processing of specialty metal foil	1965
19650064146	Engineering application of metal foils	1965
19650064147	Problems in the application of metal foil	1965
19650064148	Kinetics of chemical reactions in gases at high temperatures by gas dynamic techniques semiannual status report, 1 nov. 1964 - 30 apr. 1965	1965
19650064149	Proceedings of the seventh hypervelocity impact symposium. volume vi- experiments	1965
19650064150	The effect of material properties on threshold penetration	1965
19650064151	Brittle behavior of beryllium, graphite, and lucite under hypervelocity impact	1965
19650064152	Observations of hypervelocity impact of transparent plastic targets	1965
19650064153	Impact flash investigations to 15.4 km/sec	1965
19650064154	Hypervelocity impact on single thin sheet structures - incipient perforation conditions	1965
19650064155	Penetration mechanisms of high-velocity rods	1965
19650064156	Investigation of catastrophic fracturing and chemical reactivity of liquid-filled tanks when impacted by projectiles of high velocity	1965
19650064157	Systematic investigation of crater formation in metals	1965
19650064158	Dustwall shielding against meteoroids	1965
19650064159	Scaling relationships for microscale to megascale impact craters	1965
19650064160	The role of the research and technology division in the military r & d structure	1965
19650064161	Advanced studies on multi-layer insulation systems first quarterly progress report, mar. 2 - may 31, 1965	1965
19650064162	Proceedings of the seventh hypervelocity impact symposium. volume ii- theory	1965
19650064163	On the theory of hypervelocity impact	1965
19650064164	Hypervelocity impact calculations	1965
19650064165	Late-stage equivalence and similarity theory for one-dimensional impacts	1965
19650064166	The strong plane shock produced by hypervelocity impact and late-stage equivalence	1965
19650064168	Proceedings of the seventh hypervelocity impact symposium. volume iv- theory	1965
19650064169	A physical basis for scaling hypervelocity impacts	1965
19650064170	Change of effective target strength with increasing size of hypervelocity craters	1965
19650064171	A linear-elastic treatment of the spall- fracture problem	1965
19650064172	Thin sheet impact	1965
19650064173	A study by a perturbation method of the hypervelocity impact of rod-like projectiles upon a thin viscoplastic plate	1965
19650064174	Hypervelocity impact of end-oriented rods	1965
19650064175	Basic research investigation on flow mechanism and heat transfer in separated flows semiannual status report, 3 oct. 1964 - 2 apr. 1965	1965
19650064176	Proceedings of the seventh hypervelocity impact symposium. volume v- experiments	1965
19650064177	Calculation of maximum hypervelocity impact damage from material properties	1965
19650064178	Energy partitioning in high-velocity-impact cratering in lead	1965
19650064179	The application of metallurgical gaging for hypervelocity impact studies	1965
19650064180	Energy balances for hypervelocity targets	1965
19650064181	Electron microprobe study of a crater and ejecta produced by hypervelocity impact against a ni-fe target	1965
19650064182	The behavior of wax targets subjected to hypervelocity impacts	1965
19650064183	Experimental studies of impact phenomena and correlation with theoretical models	1965
19650064184	Mechanics of hypervelocity impact	1965
19650064185	Comparisons between hydrodynamic theory and impact experiments	1965
19650064186	Determination of the yield strength as an effective mechanical strength property in the cratering process of hypervelocity impact	1965
19650064187	Effect of target material yield strength on hypervelocity perforation and ballistic limit	1965
19650064190	Nominal Performance and Guidance Parameters and System and Component Tolerances for Atlas D, Thor, Tat, Agena B, and Agena D Vehicles	1965
19650064191	Study of solid propellant propulsion systems for ballistic and space missions. volume i- summary final report, 1 may 1964 - 1 feb. 1965	1965
19650064192	Study of solid propellant propulsion systems for ballistic and space missions. volume ii - technical discussion final report, 1 may 1964 - 1 feb. 1965	1965
19650064193	Fabrication and property data for two samples of beryllium oxide	1965
19650064194	Simultaneous reaction, diffusion and bulk flow in tubular specimens of graphite. v- the use of the mathematical model in an examination of the inhibition of graphite oxidation with phosphorus oxychloride	1965
19650064195	Transport of iodine from atmosphere to ground	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064196	Flow visualisation studies of boiling at high pressure	1965
19650064197	The reduction and sintering of hyperstoichiometric carbides in hydrogen	1965
19650064198	Heat and mass transfer from a single sphere to fluid flowing through an array	1965
19650064199	Hydromagnetic waves in a partially ionized hydrogen plasma	1965
19650064200	Physical metallurgy of alloy 718	1965
19650064201	The effect of irradiation on stress relaxation in nimonic 80a	1965
19650064202	The removal of methyl iodide from reactor effluent gases	1965
19650064206	Static longitudinal stability and axial force characteristics of a 4.33-caliber blunt cylinder with a 30 deg slotted frustum afterbody over a mach number range of 0.50 to 4.96	1965
19650064207	A study of lunar flying vehicles research and technology investigation	1965
19650064208	<simulation system for future mission analysis of a thermionic diode powered spacecraft electrical power system< monthly progress report no. 8, 4 mar. - 4 apr. 1965	1965
19650064209	Proceedings of the seventh hypervelocity impact symposium. volume i- techniques	1965
19650064210	A brief review of recent work in hypervelocity techniques	1965
19650064211	Cineradiography at 105 frames/second, with a single x-ray tube	1965
19650064212	Light-gas gun performance- theoretical analysis and experimental comparison	1965
19650064213	The traveling reservoir light gas gun and development and analysis of a third stage accelerator for a light gas gun	1965
19650064214	A study of electrically augmented gas guns	1965
19650064215	The shock plasma acceleration technique for velocity augmentation	1965
19650064216	Gas ejectors for hypervelocity projection	1965
19650064217	Electrothermal gun for hypervelocity ballistics research	1965
19650064218	Study of a rail-type mhd hypervelocity projectile accelerator	1965
19650064219	Afml exploding foil gun, development, diagnostics, data	1965
19650064220	A magnetically augmented rail gun	1965
19650064221	The magnetic gradient hypervelocity accelerator	1965
19650064222	The drooping square wave linear accelerator for artificial micrometeoroids	1965
19650064223	Electrostatic accelerators - experimental techniques	1965
19650064224	Summary remarks on techniques session	1965
19650064227	High temperature resistant phthalocyanine polymers quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650064228	Physical chemistry of the deep ocean environment	1965
19650064229	Some limitations on the form of the equation of atmospheric diffusion	1965
19650064230	The development and evaluation of tungsten-base alloys progress report, 10 jan. - 10 apr. 1965	1965
19650064231	Project gemini- department of defense operational support forces operations order 2-65	1965
19650064232	Evaluation of c-123 aircraft loudspeaker system final report, 10 apr. - sep. 1964	1965
19650064235	Theoretical considerations relating to the effect of injector design on unstable burning of liquid propellant rocket motors	1965
19650064236	A fortran computer program for the solution of multi-dimensional, transient, ablation problems	1965
19650064237	Further development of a ductile tungsten-base sheet alloy quarterly progress report, nov. 20, 1964 - apr. 1, 1965	1965
19650064238	Thrust vector control selected bibliography	1965
19650064239	Solid propellant exhaust radiation studies interim technical report no. 3, 15 dec. 1963 - 15 dec. 1964	1965
19650064241	A study of the ferrite phase-shift amplifier technical report no. 159	1965
19650064243	Effect of a reinforcing ring on the stresses in a cylindrical shell with a circular hole	1965
19650064244	The viscoelastic relaxation mechanism of inorganic polymers iii. the sodium polyphosphates	1965
19650064245	A method of fitting rational transfer functions to frequency responses	1965
19650064246	The measurement of reactivity in multiregion subcritical systems by the pulsed neutron technique	1965
19650064247	The scattering of long wavelength neutrons by defects in neutron irradiated beryllium oxide	1965
19650064248	Airborne volumetric scanning antennas final engineering report, 16 jul. 1963 - 15 oct. 1964	1965
19650064249	A versatile method for radix transformation by hardware	1965
19650064250	Man in the stratosphere	1965
19650064252	Techniques for successful six-component force measurement of rocket motors technical report, 18 aug. - 9 sep. 1964	1965
19650064254	Relationship of biochemical activity to environmental and developmental changes in ascaris progress report, jan. 1 - jun. 30, 1965	1965
19650064255	A study of lunar flying vehicles- resources plan	1965
19650064256	Direct current brushless torquer final report	1965
19650064257	A study of lunar flying vehicles- lunar flying vehicle optimization study	1965
19650064259	Analysis of instrument landing system performance assurance final report	1965
19650064262	Dielectric properties of a weakly turbulent plasma	1965
19650064263	Development of digital data terminal an/gyc-1 for short-range hf transmission circuits second quarterly progress report, 31 oct. 1964 - 30 jan. 1965	1965
19650064264	Vaporization of compounds and alloys at high temperatures. part xxviii- mass spectro- metric study of the system carbon-scandium the stability of the gaseous molecule scc2 technical report, 1 oct. 1964 - 1 feb. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064273	A method of controlling the rate of pressure rise in cordite presses	1965
19650064274	Study of signals in noise first quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650064276	An experimental investigation of forced con-vection burnout in high pressure water. part iii- long tubes with uniform and non-uniform axial heating	1965
19650064277	Some further data on nonlinear axial mode instability	1965
19650064278	On the influence of water vapour on the dis-tribution of stratospheric ozone	1965
19650064280	The use of strain moments in determining strain distributions in deformed crystals	1965
19650064281	A prospective series of two-way radio sets	1965
19650064282	Spin-lattice relaxation of cr ³⁺ in single crystals of zinc tungstate	1965
19650064283	Apollo logistics support system /alss/ payloads. molab design specification - mobility test article /mta-block i/	1965
19650064284	Crystal chemistry of ceramic dielectrics second tertiary report, 22 sep. - 21 dec. 1964	1965
19650064285	The influence of the melt and pouring conditions of the holding time behavior of the high-temperature zhs-3 ni-cr cast alloy	1965
19650064286	"microstrain" in neutron irradiated copper crystal	1965
19650064287	<critically evaluated data of electrochemical properties of solutions, including activities and activity coefficients, standard electrode potentials, electronic conductivities, and ionic mobilities< quarterly status report, apr. 1 - jun. 30, 1965	1965
19650064289	Consideration of the effects of lunar librations on the landing sites and associated stay times on the lunar surface	1965
19650064290	<investigation of the genetic characteristics of microbial growth at low temperature< progress report	1965
19650064293	Studies on trace elements in the sporulation of bacteria and the germination of bacterial spores informal annual report, 1 jun. 1964 - 1 jun. 1965	1965
19650064294	The role of brown fat in the thermogenesis of animals and man progress report	1965
19650064295	Ucla 1965 summer institute in space biology, june 28 - july 23, 1965 syllabus	1965
19650064296	<conduct research on ignition, and combustion stability and efficiency, of solid propellants at low pressures< semiannual status report, 1 oct. 1964 - 31 mar. 1965	1965
19650064297	Base pressure and heat-transfer coefficient measurements on clustered sonic nozzles with choked exhaust backflow	1965
19650064298	Calculation of thermodynamic properties of gas mixtures at high temperatures	1965
19650064299	<microbiological and chemical studies of planetary soils< semiannual report, sep. 1964 - may 1965	1965
19650064300	Wolf trap engineering model progress report, 2 feb. - 9 apr. 1965	1965
19650064301	Wolf trap engineering model progress report, 10 apr. - 17 may 1965	1965
19650064302	The development of coated thin sheet superalloy components final report, jul. 1962 - mar. 1965	1965
19650064303	Aimed cleavage of cyclosilazanes with alcohols and hydrogen chloride	1965
19650064305	Iodine clean-up in a steam suppression system	1965
19650064306	Measurements of thrust components interim report	1965
19650064307	Detail specification for the model no. 12205 isis-x/agena vehicle /nasa program/	1965
19650064308	The rod-beam waveguide	1965
19650064310	A mercury computer programme for the correc-tion of x-ray diffraction profiles	1965
19650064311	The measurement of internal friction by a decremental technique	1965
19650064312	Calculation of free-fall velocity of spherical particles at various altitudes	1965
19650064313	Combined effects of roughness, bluntness, and angle of attack on hypersonic boundary layer transition interim report, 1 feb. 1964 - 31 jan. 1965	1965
19650064314	Chemical material influence on stress corrosion behavior of high strength materials	1965
19650064315	Status of laser technology	1965
19650064318	Electrostatic focusing in forward wave amplifiers final report	1965
19650064319	Experiments with cesium plasmas in a magnetic field with variable curvature	1965
19650064320	Evaluation of uhf air-ground fixed-tuned receiver type ru-ix final report	1965
19650064321	Design of tubular extendible booms for structural applications final report, jul. 1964 - may 1965	1965
19650064322	Whisker growth within single crystals of magnesium oxide	1965
19650064323	Electron microscopy of dislocations and other defects in sapphire and in silicon carbide, thinned by sputtering	1965
19650064324	Metals in direct cycle htr-gas turbine circuits	1965
19650064325	Research and investigation of selected microwave problems interim engineering report no. 8, 1 dec. 1964 - 28 feb. 1965	1965
19650064329	Evaluation of 4.3 millimeter wavelength duplexer/diode	1965
19650064331	Influence of dietary bulk on gastrointestinal response to irradiation final report	1965
19650064332	Apollo logistics support system /alss/ payloads. molab astrionic systems - communi-cations command and control, volume i	1965
19650064333	Computer program for cylinders under local concentrated loads	1965
19650064335	Data link adapter	1965
19650064337	A mercury computer programme for the determi-nation of strain distributions in deformed crystals using a moment method	1965
19650064338	Instrumentation of infrared gondola no. 9 with a michelson interferometer	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064339	Viscous hypersonic flow in the vicinity of the stagnation point of axisymmetric blunt bodies - calculations and results for equilibrium air	1965
19650064340	Theory of reliability for coherent structures	1965
19650064341	The use of a parameter to characterise the release of stable fission gases in sealed pins operating in power reactors	1965
19650064345	Adaptive signal processing array techniques final report, 24 jun. 1963 - 24 oct. 1964	1965
19650064349	Effects and analysis of mach number and reynolds number on laminar skin friction at hypersonic speeds	1965
19650064350	The mechanical properties of magnesium oxide as a function of temperature technical report, 15 jan. 1964 - 15 jan. 1965	1965
19650064351	Research of eutectoid reactions in metal alloys technical report, may 1962 - apr. 1965	1965
19650064352	Single crystals of ferrite and ferroelectric materials second quarterly progress report, feb. 16 - may 15, 1965	1965
19650064353	Research in conventional and unconventional fuels sixth quarterly report	1965
19650064354	Communication receivers interference reduction mods technical report, 1 dec. 1963 - 1 dec. 1964	1965
19650064355	Effects of secondary flows on the containment of a heavy gas in a vortex	1965
19650064356	Improved methods for determining second-throat diffuser performance of zero-secondary-flow ejector systems technical report, 1 oct. 1963 - 1 jan. 1965	1965
19650064357	An investigation of the temperature dependence of laser oscillation threshold in ruby, june 1964 - january 1965	1965
19650064358	Improved production of powder metallurgy items final report, 7 jul. 1962 - 31 dec. 1964	1965
19650064359	Investigation and optimization of high strength alloys for cryogenic stretch-forming quarterly report no. 2, 1 apr. - 30 jun. 1965	1965
19650064360	F-5b category ii stability and control test	1965
19650064361	The characteristics and design of the conical log-spiral antenna, 1 september 1963 - 31 march 1965	1965
19650064362	Inorganic dielectrics research progress report, nov. 15, 1964 - feb. 15, 1965	1965
19650064363	Microwave determination of plasma density and collision frequency- consideration of boundary effects	1965
19650064364	High power laser techniques third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650064366	Vaporization of compounds and alloys at high temperatures. part xxix- the role of mass spectrometry in high temperature chemistry	1965
19650064367	Solubilities of O ₂ , NO, and N ₂ O ₃ in liquid N ₂ O ₄	1965
19650064369	A model of the boltzmann collision integral for mixtures of light and heavy particles	1965
19650064370	Rotor-bearing dynamics design technology. part iv- ball bearing design data technical report, 1 apr. 1964 - 1 apr. 1965	1965
19650064371	Rotor-bearing dynamics design technology. part iii- design handbook for fluid film type bearings final report, 1 apr. 1964 - 1 apr. 1965	1965
19650064372	Rotor-bearing dynamics design technology. part ii- rotor stability theory technical report, 1 apr. 1964 - 1 apr. 1965	1965
19650064373	Rotor-bearing dynamics design technology. part i- state-of-the-art technical report, 1 apr. 1964 - 1 apr. 1965	1965
19650064374	Synthesis of thermally-stable polymers, part ii technical documentary report, jan. 1, 1964 - jan. 1, 1965	1965
19650064376	Magnetoabsorption techniques for measuring material properties technical report, jan. 1964 - jan. 1965	1965
19650064377	Investigation of the transport and reaction process occurring within silver oxide-zinc batteries quarterly technical progress report, 1 apr. - 1 jul. 1965	1965
19650064378	Image-intensification device interim technical report no. 4	1965
19650064379	Catalytic reduction of carbon dioxide to methane and water technical report, 6 jan. - 31 dec. 1964	1965
19650064380	Evaluation study of three new processes for the production of hydrogen from water for the nuclear-powered energy depot concept final technical report, 1 nov. 1964 - 27 feb. 1965	1965
19650064382	Measurement of gas quantities on the basis of temperature difference	1965
19650064383	Theoretical laser research first interim technical report, aug. 7, 1964 - jan. 15, 1965	1965
19650064384	Development of a 50 kva laboratory prototype superconducting ac generator first quarterly report, 15 mar. - 30 jun. 1965	1965
19650064385	High response, low level pulse engine thrust stand system phase 1 report, feb. - apr. 1965	1965
19650064386	Absorption of ZnO crystals in the infrared	1965
19650064387	Oxidative detonations initiated by high velocity impacts technical report, nov. 1964 - feb. 1965	1965
19650064389	The prediction of soil strength parameters in remote or inaccessible areas by means of soil analogs	1965
19650064390	Modulation analyzer second quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650064391	Performance of air force 28-ft do personnel parachute canopies with and without deflation pockets	1965
19650064392	Research for open resonators, diode-array harmonic generators, and optical beam steering final report, 1 apr. 1962 - 30 nov. 1964	1965
19650064393	Apollo Logistics Support System (ALSS) Payloads. Molab System Specification	1965
19650064394	Apollo Logistics Support System (ALSS) Payloads: MOLAB System Description	1965
19650064395	Apollo logistics support system /alss/ payloads. molab cabin systems - structures and mechanisms	1965
19650064396	Apollo Logistics Support System (ALSS) Payloads. Molab Cabin Systems - Thermal Control	1965
19650064397	Apollo logistics support system /alss/ payloads. molab power systems	1965
19650064398	Apollo logistics support system /alss/ payloads. molab research and advanced technology	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064399	Apollo logistics support system /alss/ payloads. molab test plan	1965
19650064401	Development of gallium arsenide-phosphide graded band-gap base transistor structures third interim engineering report, 23 dec. 1964 - 23 mar. 1965	1965
19650064404	Micromechanics of fibrous composites	1965
19650064405	The identification of the component cokes and their structural relationship in artificial graphites	1965
19650064406	The manufacture of isotropic graphites of high thermal-expansion coefficient	1965
19650064408	Research, investigation, and study of improved vapor-reacted phosphor screens interim technical report, 4 nov. - 4 feb. 1965	1965
19650064409	Resistance welding of refractory metals third interim engineering progress report, 1 apr. - 1 jul. 1965	1965
19650064410	The absorption of light by potassium vapor between 2856 and 1150 angstrom	1965
19650064412	Observations on cobalt-iron alloys by electron transmission microscopy technical report, 16 apr. 1962 - 15 apr. 1965	1965
19650064413	Flexible fibrous structural materials technical report, feb. 1964 - feb. 1965	1965
19650064414	Statistical equations of turbulent gases- kinetic energy of the macroscopic motion, kinetic energy of turbulence <equations statistiques des gaz turbulents- energie cinetique, energie cinetique du mouvement macroscopique, energie cinetique de la turbulence>	1965
19650064417	Electron beam welding in variable environments final report, 15 oct. 1962 - 28 feb. 1965	1965
19650064418	Terminal flight report- tetrahedral research satellite mark ii, flight unit no. 2	1965
19650064419	High average power laser amplifier chain techniques	1965
19650064420	Thrust termination effect on mmbm payload separation	1965
19650064421	A study of space propulsion system experiments utilizing environmental research satellites final report, 15 jun. 1964 - 31 jan. 1965	1965
19650064422	Electric propulsion space tests final report, 1 may 1963 - 31 mar. 1965	1965
19650064424	Propagation through the atmosphere at a wave- length of 3.3 mm	1965
19650064426	Development and fabrication of high strength simulated rocket motor cases by cryogenic stretch forming process final technical report, jul. 1962 - oct. 1964	1965
19650064427	Plasma diagnostics study quarterly report, 1 jan. - 31 mar. 1965	1965
19650064428	Reusable Orbital Transport Second Stage. Volume II - Detail Technical Report, Configuration Studies	1965
19650064429	Research on sound absorbing chambers <unter- suchungen an kammerdampfern>	1965
19650064430	Statistical equations of turbulent gases- mass, momentum <equations statistiques des gaz turbulents- masse, quantite de mouvement>	1965
19650064431	Statistical equations for turbulent gases- total energy, internal energy <equations statistiques des gaz turbulents- energie totale, energie interne> transonic test results from a force, moment, pressure and control surface hinge moment investigation conducted with an 8 percent scale sv-5p vehicle in the nasa-langley 8-foot transonic pressure wind tunnel, volume v engineering report no. 13683	1965
19650064432	Statistical equations of turbulent gases- enthalpy, entropy, temperatures <equations statistiques des gaz turbulents- enthalpies, entropie, temperatures>	1965
19650064433	Measurement of the van der waals potential between alkali atoms <messungen des van der waals-potentials zwischen alkaliatomen>	1965
19650064434	Preparation of molybdenum and tungsten compounds by electrolysis of melts <preparation des composes du molybdene et du tungstene par electrolyse ignee>	1965
19650064435	Jet expansion in confined spaces <strahlausbreitung in geschlossenen raumen>	1965
19650064436	Rheology of structurally viscous fluids <zur rheologie strukturviscoser flussigkeiten>	1965
19650064437	Heat transfer during condensation of flowing steam in a vertical pipe <der warmeubergang beim kondensieren stromenden dampfes in einem vertikalen rohr>	1965
19650064438	The effect of nystatin on bakers yeast <uber die wirkung von nystatin auf backerhefe>	1965
19650064439	Volume self-diffusion in cobalt-nickel alloys <volumenselbstdiffusion in kobalt- nickel-legierungen>	1965
19650064440	Some considerations regarding the fluid dynamics of nonlinear media <alcune consider- azioni sulla fluidodinamica dei mezzi non lineari>	1965
19650064441	Radar sensing for geoscience purposes monthly progress report, 1 apr. - 1 may 1965	1965
19650064442	Apollo logistics support system /alss/ payloads - molab schedule and manpower plan	1965
19650064443	Apollo logistics support system /alss/ - payloads. molab technical integration plan	1965
19650064452	Inactivation of the rtf episone by gamma rays	1965
19650064455	Investigation of Light Hydrocarbon Fuels with Flox Mixtures as Liquid Rocket Propellants Monthly Progress Report, Mar. 31 - Apr. 30, 1965	1965
19650064456	Directional control test missile development program. volume iv- instrumentation final report	1965
19650064457	Directional control test missile development program. volume iii, part 2- directional control subsystems final report	1965
19650064458	Instrumentation studies for electrochemical detection final report, sep. 1964 - may 1965	1965
19650064461	Transonic test results from a force, moment, pressure and control surface hinge moment investigation conducted with an 8 percent scale sv-5p vehicle in the nasa-langley 8-foot transonic pressure wind tunnel, volume v engineering report no. 13683	1965
19650064464	Solid propellant research and development theoretical performance calculations third quarterly progress report, dec. 1964 - feb. 1965	1965
19650064467	Liquid propellant research evaluation quarterly report, jan. 1 - mar. 31, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064470	Ballistic reentry studies quarterly technical summary report, dec. 1964 - mar. 1965	1965
19650064473	Development and production of combustible paper containing crystalline explosives	1965
19650064474	High-pressure research toward high-energy propellants technical documentary report, apr. 1, 1964 - mar. 31, 1965	1965
19650064477	Development of an elastomeric seal for omniaxial movable nozzles /lockseal/ quarterly report no. 1, 4 jan. - 4 may 1965	1965
19650064487	Reliable, low cost, stable resistors. general purpose seventh quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650064488	A second order solution for the velocity dis- tribution in a turbulent wake	1965
19650064489	X-band high power cw amplifier and amplifier console seventh quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650064490	Acoustics activities in the paris area	1965
19650064491	Meteorological rocket network firings. volume xxxix- november 1964 firings data report	1965
19650064492	Comparative evaluation of the effect of aft body strakes on the structure, stability, and performance of the f-104a airplane	1965
19650064493	Development of manufacturing processes and techniques for s-band voltage-tunable magnetrons applications report, 14 jun. 1962 - 1 dec. 1965	1965
19650064494	Shock tube kinetic studies of the tetra- fluoroethylene-oxygen system	1965
19650064495	Capability and cost study for component and model test facility. phases i and ii- supplement 7, cost estimates	1965
19650064497	Air force materials symposium, 1965 technical papers	1965
19650064498	1965 air force materials symposium paper on nonmetallic composites	1965
19650064499	Ablative materials	1965
19650064500	Structural plastics and adhesives	1965
19650064501	Fibrous materials	1965
19650064502	Air force elastomer requirements	1965
19650064503	Afml elastomer research programs	1965
19650064504	Advances in the chemical and mechanical properties of elastomers	1965
19650064505	Synthesis of elastomers	1965
19650064506	Polymeric protective coatings - applications, methods, new materials, current and future problems	1965
19650064507	The role of organic and inorganic coatings as thermal control coatings in space	1965
19650064508	Recent advances in optical properties of oxide and intermetallic coatings	1965
19650064509	Coatings for solar energy absorption	1965
19650064510	Fluids and lubricants for advanced aerospace requirements	1965
19650064511	New horizons in air force grease research	1965
19650064512	Research for dry lubricating materials	1965
19650064513	Beryllium	1965
19650064514	Refractory metals, and coatings	1965
19650064515	High strength steels	1965
19650064516	Light metals	1965
19650064517	Superalloys	1965
19650064518	Corrosion	1965
19650064519	Corrosion of beryllium sheet material by chloride-containing aqueous environments	1965
19650064520	Refractory oxidation-resistant ceramics	1965
19650064521	Intermetallic compounds	1965
19650064522	Selected problems in analysis and processing of intermetallics and hard metal compounds	1965
19650064523	Ceramics and graphite information	1965
19650064524	Polycrystalline buck graphites	1965
19650064525	High temperature oxidation resistant coatings for graphite	1965
19650064526	Pyrolytic graphite	1965
19650064527	Metal-ceramic composite structural materials	1965
19650064528	Dielectrics for aerospace applications	1965
19650064529	Superconducting materials	1965
19650064530	Semiconductor materials	1965
19650064531	Microwave ferrite materials	1965
19650064532	Present trends in magnetic materials research	1965
19650064533	Advanced electronic capabilities	1965
19650064534	Manufacturing processes for electronic devices and materials	1965
19650064535	Production control for high quality electronic semiconductor materials and devices	1965
19650064536	The materials joining requirement	1965
19650064537	Problems and developments in ingot consolidation	1965
19650064538	Extrusion of aerospace materials	1965
19650064539	Materials and process development related to powder and fiber metallurgy and composites	1965
19650064540	Primary metal working techniques	1965
19650064541	Materials, structures, and processing development advances for future systems	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064542	Design and the computer	1965
19650064543	The m.i.t. computer-aided design project - a half decade summary	1965
19650064544	Apt long range program	1965
19650064545	Application of adaptive control to metalcutting	1965
19650064546	Information transfer problems	1965
19650064547	Design criteria and test techniques	1965
19650064548	Systematic nondestructive testing of materials	1965
19650064549	Thermo-optical properties of materials	1965
19650064550	Thermal transport properties of materials	1965
19650064551	Bramble - an automatic processing system for telemetry data	1965
19650064555	A bibliography of references for the thermophysical properties of helium-4, hydrogen, deuterium, hydrogen deuteride, neon, argon, nitrogen, oxygen, carbon dioxide, methane, ethane, krypton, and refrigerants 13, 14, and 23	1965
19650064556	A rotating disc thermocell. i- theory technical progress report	1965
19650064557	Three dimensional force transfer between parallel microfibers, rigid or elastic	1965
19650064558	Manufacturing in-process control and measuring techniques for integral electronics /uniformity, photoresist composition and removal, oxide structure and removal, resistivity and spiking/ interim engineering progress report no. 5, 1 feb. - 30 apr. 1965	1965
19650064559	Energy detection of pulsed optical-radar returns from specular and rough targets technical report no. 2304-1, nov. 1963 - dec. 1964	1965
19650064560	Noise measurements as a tool in electron device research ninth quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650064561	Operational history of the an/asm-13 airborne antenna pattern analyzer	1965
19650064562	Transient temperatures in a 30 deg right triangle	1965
19650064563	An assessment of a visco-inertial damping treatment technical report, aug. - sep. 1964	1965
19650064564	Some further generating polynomials for binary m-sequences	1965
19650064565	Channel evaluation in a variable rate satellite communication system	1965
19650064566	The reaction of atomic hydrogen with formaldehyde	1965
19650064567	Mechanical properties of metals - review of recent developments	1965
19650064568	Line integral refractometer	1965
19650064569	Dynamic response of conical shells	1965
19650064570	The design of explicit guidance equations for rocket ascent	1965
19650064571	Some factors affecting the growth and properties of ktao3-knbo3 mixed crystals	1965
19650064572	An investigation of the nasa cygnus-15 solid-propellant rocket motor under the combined effects of simulated altitude and rotational spin /s/n's 203 and 204/	1965
19650064573	Adhesive bonded integrity as evaluated by the fokker bond tester final report	1965
19650064574	Applications of high velocity hydro-electrical discharge as a nondestructive testing and metal forming tool	1965
19650064576	Weapon system effectiveness industry advisory committee /wseiac/, task group ii. vol. i- prediction - measurement /summary, conclusions and recommendations/ final report	1965
19650064577	Program brews /bmews radar echo word simulation/	1965
19650064578	Weapon system effectiveness industry advisory committee /wseiac/, task group i- requirements methodology final report	1965
19650064579	Apollo Logistics Support System (ALSS) Payloads- Requirements for Molab Ground Support Equipment	1965
19650064580	Apollo Logistics Support System (ALSS) Payloads Molab Functional Analysis	1965
19650064581	Apollo Logistics Support System (ALSS) Payloads Molab Reliability and Crew Safety	1965
19650064582	Apollo Logistics Support System (ALSS) Payloads Molab Operations Analysis	1965
19650064583	Apollo Logistics Support System (ALSS) Payloads Molab Procurement Plan	1965
19650064584	Remote sensing of hydrologic phenomena quarterly status report, jan.-mar. 1965	1965
19650064585	Advanced studies of stationary processes- stationarity testing and associated problems final report	1965
19650064586	Apollo Logistics Support System (ALSS) Payloads Molab Manufacturing Plan	1965
19650064587	Apollo Logistics Support System (ALSS) Payloads Molab Facilities Plan	1965
19650064588	<research on techniques and procedures for the cultivation of hydrogen-fixing bacteria> ninth quarterly status report, apr. 1 - jun. 30, 1965	1965
19650064589	Lunar and planetary programs analysis group letter report, 16 mar. - 15 apr. 1965	1965
19650064590	Study to develop system criteria for reusable launch vehicle concepts. volume i- summary report final report	1965
19650064591	Study to develop system criteria for reusable launch vehicle concepts. volum ie ii- research and technology implications final report	1965
19650064592	Apollo Logistics Support System (ALSS) Payloads Condensed Summary Report	1965
19650064593	A study of systems for space propulsion quarterly progress report no. 17, 1 feb. - 30 apr. 1965	1965
19650064595	Reusable orbital transport- lockheed parallel development program supporting report r.o.t.iv-4. thermal cycling tests - wing	1965
19650064596	Solar modulation of the low energy galactic helium spectrum as observed on the imp-i satellite	1965
19650064598	C and c subsystem for agena b vehicle 6502- engineering analysis report /nasa ego program/	1965
19650064599	Pogo agena vehicle instrumentation handbook	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064600	Orbital tanker design data study, phase ii, 1 november 1964 - 5 february 1965	1965
19650064602	Feasibility study of a hazard evaluation system for hydrogen technical summary report	1965
19650064603	Resolver to digital computer final report	1965
19650064604	Collective protection against cb agents, volume 1 third bimonthly progress report, 1 nov. - 31 dec. 1964	1965
19650064605	Preparation and evaluation of carbonaceous adsorbents	1965
19650064607	Acceptance and residual gas protection testing techniques	1965
19650064608	Investigation of filtration mechanisms	1965
19650064609	Principles of present air purification techniques	1965
19650064610	Critical analysis of the role of airlocks	1965
19650064611	Investigation of protective materials	1965
19650064612	Critical review of air purification techniques	1965
19650064614	Improved delta range safety flight termination report, dsv-3e	1965
19650064615	Analytical mechanical model for the description of the rotary propellant sloshing motion final report	1965
19650064617	Rolling resonance in lateral swell	1965
19650064619	A new facility for evaluation of materials subject to erosion and cavitation damage	1965
19650064620	X-15a-2 antenna location study, volume ii	1965
19650064621	All/trol control system for project vector a-1 final report, 29 jun. 1962 - 15 jun. 1965	1965
19650064623	Nasa isis-x spacecraft prelaunch cooling requirements	1965
19650064625	Launch vehicle cost parameters study final technical report	1965
19650064626	Reusable orbital transport- aerodynamic investigation lockheed parallel development program supporting report r.o.t. iv-1	1965
19650064627	Molecularized fm telemetry final technical documentary report	1965
19650064628	More about superdirective antennas for lf and vlf	1965
19650064630	The axial distribution of spectral luminance of a theta pinch in a coil with undisturbed geometry <die spektrale leuchtdichte- teilung entlang der achse eines theta-pinches bei ungestorter spulengeometrie>	1965
19650064631	The thermal expansion of beta-silicon carbide and some tungsten-molybdenum alloys	1965
19650064632	A non-linear maximisation problem arising in the study of aircraft collision risks	1965
19650064636	Stable ferrites for r. f. applications third quarterly report, 1 jan. - 31 mar. 1965	1965
19650064637	Tungsten arc welding titanium using a non- reactive flux final report, 1 feb. 1964 - 28 feb. 1965	1965
19650064638	Survey of space radiation having effects on sensitometric properties of reconnaissance films technical report, jan. 1964 - jan. 1965	1965
19650064639	Specialized acoustic transducers technical report, feb. 1964 - mar. 1965	1965
19650064640	Program 624a 20 percent-scale dynamic model ground vibration survey final test report	1965
19650064641	Alkaline cell evaluation and analysis quarterly technical progress report, 15 feb. - 15 may 1965	1965
19650064642	Extended Apollo Systems Utilization Study Prolonged Missions. Volume 3 - Subsystems. Appendix B- Isotope Dynamic Power System for Prolonged Missions Apollo Final Report	1965
19650064643	Extended apollo systems utilization study prolonged missions. volume 4- space operations and systems analysis final report	1965
19650064644	Investigation of electromagnetic and thermal effects in superconducting generators technical report, apr. 1, 1964 - mar. 31, 1965	1965
19650064645	Behavioral research and experimental analysis of complex behavioral repertoires under full environmental control semiannual status report, feb. 1 - jul. 31, 1965	1965
19650064646	Research in conventional and unconventional fuels seventh quarterly report	1965
19650064647	F-5a category ii stability and control test	1965
19650064648	New high temperature anti-oxidant systems for aliphatic hydrocarbons and related fluids technical report, 1 mar. - 31 aug. 1964	1965
19650064649	The synthesis and evaluation of polynuclear aromatic amines as potential high temperature antioxidants, june 1959 - june 1963	1965
19650064650	Feasibility study for an earth's magnetic tail mission for the follow on aimsps	1965
19650064652	Radar activated crosspointer feasibility report	1965
19650064653	<a study for the search, recovery, and analysis of space fragments> semiannual progress report no. 3, 1 dec. 1964 - 1 may 1965	1965
19650064655	New polyurethanes from tetrahydrofuran and alkylene oxide copolymers. part i- using copolymers of ethylene oxide, propylene oxide and 1,2-butylene oxide and tetrahydrofuran	1965
19650064656	Deformation characteristics of metal and alloys progress report no. 3 and 4, jan. 24 - may 24, 1965	1965
19650064657	Investigation of measurement techniques for obtaining airborne antenna spectrum signatures final report, jun. 1964 - mar. 1965	1965
19650064658	The investigation of the high speed perform- ance of a thin film store	1965
19650064660	Fabrication and properties of tungsten single crystals. part i- growth of single crystal tungsten to be used for rolling into single crystal sheet. part ii- rolled single crys- tal tungsten sheet final report, 1 mar. 1964 - 26 feb. 1965	1965
19650064662	Propelland web variations of black brant iii rocket engines	1965
19650064666	Unsteady phenomena in shock waves final report, 16 may 1963 - 25 oct. 1964	1965
19650064671	Dasa data center bibliography	1965
19650064676	Effect of thermal shock cycling on the compressive strength of reinforced plastic laminates	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064678	The kinetics of decomposition of hydrogen- fluoride in shock waves	1965
19650064679	Communications cable for tropical jungle use quarterly progress report, 30 dec. 1964 - 30 mar. 1965	1965
19650064680	Production engineering measure on 2n3375 silicon overlay transistor first quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650064681	Chemical syntheses in plasma arcs	1965
19650064682	Study of noise in semiconductor devices quarterly report, 1 feb. - 30 apr. 1965	1965
19650064685	Analysis for impurities in beryllium	1965
19650064687	An investigation into bird densities which might be encountered by aircraft during take off and landing	1965
19650064691	The application of logic circuits to control the ac power distribution in a four engined aircraft	1965
19650064692	The acquisition of sun pointing attitude by space vehicles without the use of rate gyro- scopes	1965
19650064694	Profiles in particulate plumes near the emission point	1965
19650064695	High density digital recording on magnetic tape	1965
19650064698	Electroacoustic digital computer peripheral memory third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650064700	An objective technique for forecasting air mass thunderstorms at bergstrom afb, texas	1965
19650064701	Adverse weather testing of the ch-3c helicopter technical report, 25 feb. - 1 jul. 1964	1965
19650064702	Application of thin-film electron microscopy to refractory metal processing final report, 11 mar. 1964 - 10 mar. 1965	1965
19650064703	Extended Apollo Systems Utilization Study Prolonged Missions. Volume 2 - Configuration and Performance Analysis Final Report	1965
19650064704	Study of helicopter gear lubrication, november 1, 1964 - february 28, 1965	1965
19650064705	Intermediates for high temperature stable polymers final report, 1 jan. - 31 dec. 1964	1965
19650064706	Ultra-high vacuum sputtering technical report, jun. 10, 1963 - apr. 15, 1965	1965
19650064707	Table of the artificial earth satellites launched in 1957-64	1965
19650064708	An estimation of the precision of single and repeated tests for the determination of sodium sulfate soundness loss and percentage of lightweight particles for concrete aggregate	1965
19650064712	Table of space vehicles launched before june 1965	1965
19650064714	An electric arc across an air stream	1965
19650064715	The effect of sulphur on the wear of carbon brushes and commutators in aviation kerosine	1965
19650064716	Environmental testing in support of satellite design at the royal aircraft establishment	1965
19650064718	Type-d gas-bearing gyro test turntable final report	1965
19650064719	Study of the physical properties of soils through interpretation of aerial photographs, ii final technical report, 1 apr. 1964 - 31 mar. 1965	1965
19650064720	On the accuracy of measured values of upper- atmosphere density	1965
19650064721	The reinforcement of nickel-base alloys with high strength tungsten wires	1965
19650064722	Examples of short-period fluctuations in upper-atmosphere density	1965
19650064723	Wind tunnel investigation of flexible aerody- namic decelerator characteristics at mach numbers 1.5 to 6 technical report, nov. 9, 1964 - mar. 6, 1965	1965
19650064729	Slurry fuel performance studies quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650064733	Multiband telemetry receiver final engineering report	1965
19650064734	Ablative plastic chars containing vitreous and asbestos reinforcements technical report, jan. 1961 - jul. 1962	1965
19650064735	Nitrogen-15 magnetic resonance spectroscopy. iv- the degenerate bimolecular exchange of protons in ketimines	1965
19650064736	Nuclear magnetic resonance spectroscopy. analysis and temperature dependence of the spectra of cycloheptatriene and 7, 7-bistrifluoromethylcycloheptatriene	1965
19650064737	The growth of an electric arc in a constrictor with axial gas flow	1965
19650064739	Infrared image converter quarterly report, 1 feb. - 30 apr. 1965	1965
19650064741	Satellite drag coefficients	1965
19650064742	Nitrogen-15 magnetic resonance spectroscopy. v- oxygen-nitrogen compounds	1965
19650064743	Deductions from the orbital behaviour of some agena rockets	1965
19650064746	High temperature polymers	1965
19650064747	Compatibility of structural materials with high performance o-f liquid oxidizers progress report, 15 jan. - 15 apr. 1965	1965
19650064750	Development of air-mobile aircraft refueling system /amars/ interim report	1965
19650064751	Frequency-response characteristics of a typical single-degree-of-freedom integrating gyroscope	1965
19650064752	A high data rate optical correlator with time variable coding	1965
19650064755	Study of laser pump and energy storage techniques technical documentary report no. 1	1965
19650064757	Two computer programmes for calculating the heat flux on the surface of a spacecraft in the r.a.e. 2-1/2 metre space test chamber	1965
19650064759	Weather- a descriptive summary of the sun, solar phenomena and solar-terrestrial rela- tionships	1965
19650064760	Development of oscillators and amplifiers at ultra high frequencies <evolution des gener- ateurs et amplificateurs en hyperfréquences>	1965
19650064761	Synthesis and characterization of arylsulfi- mide polymers technical report, 1 feb. - 15 nov. 1964	1965
19650064762	The log-periodic helical zigzag antenna technical report no. 9	1965
19650064763	A pegasus computer programme for the assess- ment of the accuracy of satellite orbit determination	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064766	Hypervelocity range program /hyrap/ second quarterly report, 1 jan. - 30 apr. 1965	1965
19650064767	The t.p.o.m. as a generator of c.w. power	1965
19650064769	Continuously circulating fissionochemical process development applicable to hydrazine synthesis. volume i- program survey, processing, and materials final technical engineering report, apr. 1961 - jan. 1965	1965
19650064770	Continuously circulating fissionochemical process development applicable to hydrazine synthesis. volume ii- in-reactor engineering and support final technical engineering report, apr. 1961 - jan. 1965	1965
19650064771	Continuously circulating fissionochemical process development applicable to hydrazine synthesis. volume iii- basic studies, nuclear engineering, plant design, and loop operations final technical engineering report, apr. 1961 - jan. 1965	1965
19650064772	Radio frequency evaluation of apollo standard initiator final report	1965
19650064773	The development and evaluation of a poly- styrene foam container for the mk 27 tracking flare	1965
19650064774	Development of a manufacturing process for producing high performance aluminum and mag- nesium alloy castings final technical report, may 1964 - apr. 1965	1965
19650064775	Electronic techniques investigation directed toward the achievement of extreme power density in compact wide- band cw amplifier designs technical report, 15 apr. 1964 - 30 apr. 1965	1965
19650064776	Experimental heat transfer to hemispheres in nonequilibrium dissociated hypersonic flow with surface catalysis and second-order effects	1965
19650064781	Investigation of speech recognition by cohesive zone identification final technical report	1965
19650064782	Thermionic converter life and repeatability investigation fifth quarterly progress report, 1 apr. - 30 jun. 1965	1965
19650064783	Study of nonradiative processes in laser materials progress report, 1 jan. - 30 jun. 1965	1965
19650064784	Cryogenic design data for materials subjected to uniaxial and multiaxial stress field technical report, feb. 1964 - mar. 1965	1965
19650064785	Development of manufacturing processes and techniques for s-band voltage-tunable magnetrons final report, 14 jun. 1962 - 1 dec. 1964	1965
19650064786	Electronic techniques investigation directed toward the achievement of extreme power density in compact wide- band cw amplifier designs technical report, apr. 1964 - apr. 1965	1965
19650064787	Development of an improved manufacturing process for the hot extrusion of alloy steel structural shapes interim engineering progress report, 1 mar. - 30 may 1965	1965
19650064788	Attitude control and stabilization system for an orbiting vehicle technical report, jul. 1962 - aug. 1964	1965
19650064789	Fabrication of beryllium sheet by gas-pressure bonding technical report, 1 may - 31 dec. 1964	1965
19650064790	Diffusion studies in the cb-si and w-si binary systems technical report, 1 may 1963 - 31 jun. 1964	1965
19650064792	Fatigue strength of plastic laminates rein- forced with unwoven "s" glass fibers final report	1965
19650064793	A chronological history of the development of high temperature oxidation-corrosion evalua- tion methods including an improved micro oxi- dation-corrosion procedure for the investiga- tion of advanced gas turbine lubricants, 1 february 1962 - 15 may 1964	1965
19650064794	Experimental research on filamentized ceramic radome materials final report, 1 jan. 1964 - 30 apr. 1965	1965
19650064795	Capability and cost study for component and model test facility, phase ii, supplement 3, optimization of certain ejector design para- meters technical report, 16 dec. 1963 - 1 jan. 1965	1965
19650064796	Capability and cost study for component and model test facility, phase i, supplement 2, design of exhaustor systems for selected cases technical report, 16 dec. 1963 - 1 jan. 1965	1965
19650064797	Injection laser	1965
19650064798	Dislocation-particle interactions in disper- sion hardened alloys	1965
19650064802	Multiple scattering in arrays of small objects	1965
19650064803	Design program for water-cooled liquid- propellant rocket engines	1965
19650064804	A study of halogen abstraction reactions - free radical mechanisms technical report, 1 mar. 1963 - 28 feb. 1965	1965
19650064806	Micrometeorological effects on operations involving hazardous substances at eglin afb, florida	1965
19650064808	Altitude performance of a multi-rocket engine nozzle ejector /rene/ system. phase i- evaluation of several ejector configura- tions	1965
19650064809	Optical range and range rate investigation interim engineering report no. 6, 15 jan. - 15 apr. 1965	1965
19650064810	Alleviation of contaminant freeze-out in heat exchangers. part 1- program summary and evaluation of alleviation systems final report, jun. 1963 - sep. 1964	1965
19650064815	Aerodynamic characteristics of the xasm-n-12 /walleye/ missile at high subsonic speeds	1965
19650064816	Low-observable reentry vehicle program. detailed flight test and experimental plan, large-scale test vehicle I-6	1965
19650064821	Investigation of magnus force and moments on several naval ordnance laboratory and picatinny arsenal bodies of revolution	1965
19650064824	Transonic test results from a force, moment, pressure and control surface hinge moment investigation conducted with an 8 percent scale sv-5p vehicle in the nasa-langley 8-foot transonic pressure wind tunnel	1965
19650064825	Altitude testing of the lockheed high expan- sion solid-propellant rocket motor with nozzle area ratios of 300-1 and 150-1	1965
19650064828	Results of mission iii testing of the aj10-138 engine for the titan iii transtage at simulated altitude conditions /propulsion engine test cell t-4	1965
19650064830	Investigation of altitude performance of the aerojet forced-deflection thrust chamber assembly	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064834	Optical particle decoy study final report	1965
19650064835	Reentry optical measurements of minuteman missiles 436, 437, and 441 intensity summary report supplement, feb. 1 - apr. 20,	1965
19650064855	Second progress report by the ad hoc committee on metal working processes and equipment	1965
19650064856	Manufacturing in-process control and measurement techniques for integral electronics /connections and lifetime/ interim engineering progress report, 1 jan. - 31 mar. 1965	1965
19650064857	Magneto-optical shutter	1965
19650064859	Graphs for the determination of plasma parameters by light scattering experiments <kurven zur bestimmung von plasmametern durch lichtstreuexperimente>	1965
19650064860	Research test of compatibility of fuels, lubricants, and engines /8v-71t engine with mil-l-2104b, oe-10 oil/ final report, 28 jan. - 15 feb. 1965	1965
19650064862	Spectrum signature data of radar set an/mpq-29 serial no. 3	1965
19650064863	Extremely high frequency maser amplifier study program final technical documentary report, jun. 1962 - jan. 1965	1965
19650064864	Investigation of propellant actuated devices for use in emergency crew escape systems for advanced aerospace vehicles. phase iii- design study technical report, jul. 1964 - jan. 1965	1965
19650064865	Liquid hydrogen tank thermal calculations for a synchronous orbit mission	1965
19650064866	Tests on materials for superconducting coils <untersuchungen an materialien fur supraleit- ende spulen>	1965
19650064867	The explosive formabilities of some typical sheet aluminum alloys	1965
19650064870	Theoretical, experimental, and tolerance data for selected strip-line directional couplers	1965
19650064871	Properties and reactivity of gas phase free radicals and development of molecular beam reactor final report, 1 apr. 1964 - 31 mar. 1965	1965
19650064872	Strength of silver-brazed pipe joints under dynamic load final report	1965
19650064873	Tungsten and tungsten-base alloys - review of recent developments	1965
19650064875	Magnetic coating measurement - minuteman producibility study no. 07, phase i final report	1965
19650064876	Scientific mission support study, apollo extension system first interim report	1965
19650064877	Apollo systems earth orbital mission definition document. part ii- suggested experiments. submittals from scientific groups, volume 2b	1965
19650064878	Study of spacecraft propulsion systems for manned mars and venus missions. volume ii, part 1- study synopsis and vehicle data	1965
19650064879	Study of spacecraft propulsion systems for manned mars and venus missions. appendix b- computer programs	1965
19650064880	Study of spacecraft propulsion systems for manned mars and venus missions. volume ii, part 2- technical studies	1965
19650064881	Study of spacecraft propulsion systems for manned mars and venus missions. appendix c- supporting data	1965
19650064882	Satellites and probes program progress report, 1-30 jun. 1965	1965
19650064883	An approximate method of calculating the weight of the two-insulation-two-coolant thermal protection system	1965
19650064884	Low-energy proton and electron experiment for the orbiting geophysical observatories b and e	1965
19650064885	Apollo systems earth orbital mission definition document. part ii- suggested experiments, volume 2c	1965
19650064886	Apollo systems earth orbital mission definition document. part ii- suggested experiments, submittals from scientific groups, volume 2a	1965
19650064887	Advanced earth orbital mission definition document	1965
19650064888	Atmospheric control subsystem specification for space flights of one year duration	1965
19650064889	An experimental investigation of the effect of circular cutouts on the buckling strength of circular cylindrical shells loaded in axial compression	1965
19650064890	General test plan, ms-ic stage for modified launch vehicle /mlv/ saturn v, volume 7	1965
19650064891	Functional requirements for the saturn v display system interim report	1965
19650064892	Discrepancy analysis of preflight equipment failures- nasa satellites and probes programs	1965
19650064893	Miniature space-borne memory monthly technical report no. 5, 29 mar. - 30 apr. 1965	1965
19650064894	Mission control operations and support study. annex b- decision/action diagrams. annex c- facility requirements histograms final report	1965
19650064896	Reusable orbital transport- system design and analysis study, structural materials evaluation	1965
19650064897	Acoustic model study of reverberation room planned for experimental structures laboratory	1965
19650064899	Determination of low-temperature fatigue properties of structural metal alloys quarterly progress report	1965
19650064901	Flight report for vehicle s/n 426/20101/200111, delta program-mission no. 30, spacecraft- hs 303 a /comsat no. 1/	1965
19650064902	Integrated payload package concept study final report, 1 jan. 1964 - 1 apr. 1965	1965
19650064903	Use of a mass spectrometer to measure the composition of the martian atmosphere monthly progress report	1965
19650064904	Thin-film-whisker diode	1965
19650064906	Temperature and zeeman measurements on the 1.64 mm h20 absorption line	1965
19650064907	Uh-1f category ii performance	1965
19650064908	Introduction to the analysis of interference to the performance of communications systems	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064909	Thermophysical and transport properties of liquid metals technical report, 1 jan. 1964 - 1 jan. 1965	1965
19650064910	Some aspects of correlation in many-particle systems final report, feb. 1, 1963 - jan. 30, 1965	1965
19650064911	Vibration and acoustic analysis of saturn sa-9 flight	1965
19650064913	Evaluation of the performance of a two-stage trapezoidal jet pump proposed for propulsion engine test cell /j-5/	1965
19650064914	The effect of 4 mev electrons on covered british silicon solar cells	1965
19650064915	Analytical study of direct modulation technique s-band phase modulator final report	1965
19650064916	Program for the full-wave calculation of reflection in an arbitrary ionosphere interim report	1965
19650064917	State-of-the art of gas-bearing turbomachinery	1965
19650064918	The effect of time, temperature, and environment on the sliding behavior of ptfe	1965
19650064920	Development of ao-42 engine interim report	1965
19650064923	Expeditionary aircraft tow tractor, second supplemental report of preproduction testing	1965
19650064924	Silicon integrated transducers	1965
19650064926	A design study of a space electron injection system final report, 16 jun. 1964 - 16 mar. 1965	1965
19650064927	Bounds for the eigenvalues of a matrix	1965
19650064928	James, pond, and clark part number 5199t1-4tb- 1700 relief valve, nasa part number 75mo6287 test report	1965
19650064929	Flodyne controls, inc. cam operated ball valve part number 3a19, nasa part number b75mo6917 test report	1965
19650064930	Safety relief valve, fluid mechanics company part number 2-920, model number 443-tg-10, nasa drawing number b75m50302 test report	1965
19650064931	3-way solenoid valve, marotta valve corpora- tion model number mv526b, nasa drawing number b75mo3978	1965
19650064932	Propagation of magnetostatic spin waves at microwave frequencies. i- normally- magnetized disk	1965
19650064933	Extended Apollo Systems Utilization Study, Prolonged Missions. Volume 1 - Configuration 90 Final Report	1965
19650064934	Isis-x vehicle structural dynamic analysis	1965
19650064935	Crane company 1/2 inch manual ball valve, p/n 1/2-b-98728-b, 1000 psig service nasa test report no. 10831	1965
19650064936	Pressure, heat transfer, and skin friction distributions over a flat plate having various degrees of leading-edge blunting at a mach number of 6.8	1965
19650064937	Development of a standard comparison test procedure for initiators final report	1965
19650064938	Structural panel stability development program final report, phase i	1965
19650064939	System design and analysis study. subsystem analysis	1965
19650064940	<studies and analyses of space science problems related to the planning and directing of nasa lunar and planetary programs- second annual summary report, sep. 1964 - jul. 1965	1965
19650064941	Nonequilibrium gasdynamics related to propulsion systems quarterly report, period ending 30 jun. 1965	1965
19650064942	Theoretical and laboratory investigations in radio astronomy status report no. 3, apr. 1 - jun. 30, 1965	1965
19650064943	Delta flight termination system study	1965
19650064944	Development of welding techniques and filler metals for high strength aluminum alloys second quarterly report, 1 oct. - 31 dec. 1964	1965
19650064945	Improved delta quarterly technical progress report, april - june 1965	1965
19650064946	Tescom corporation 1 inch manual valve p/n 30-1201-116 6,000 psig service nasa test report no. 10835	1965
19650064947	Orbit thermodynamics report- thermodynamic analysis of the isis-x spintable adapter system	1965
19650064948	A study of magnetic and acoustic excitations at microwave frequencies in solids final report, may 1, 1964 - apr. 30, 1965	1965
19650064949	Study of the total radiance of air and radiant energy transfer quarterly progress report, 2 apr. - 2 jul. 1965	1965
19650064950	Noise levels in agcs instrument rooms at pads 34 and 37	1965
19650064951	Optical spectra using the matrix isolation technique quarterly technical summary report, feb. 14 - may 14, 1965	1965
19650064952	Intensity of cavitation damage encountered in field installations	1965
19650064953	High temperature behavior of the gaseous elements	1965
19650064954	Backscatter of radio waves from the ground	1965
19650064955	Doppler optical navigator interim engineering report no. 3 1 dec. 1964 - 28 feb. 1965	1965
19650064956	Nasa-gsf operations plan 9-65, orbiting solar observatory c	1965
19650064957	Use of a conical pressure probe for determination of local flow conditions at m equals 3 to 6	1965
19650064958	Propulsion/mechanical-electrical/electronics analysis and trade studies, ms-ic stage for modified launch vehicle /mlv/ saturn v	1965
19650064959	Trajectory study for advanced lunar missions eighth monthly progress report	1965
19650064961	Research on growth of plane-stress flaws in thin walled cryogenic material, fourth quarterly report, 1 apr. - 30 jun. 1965	1965
19650064962	Apollo Logistics Support System (ALSS) Payloads Molab Operational Plan	1965
19650064963	Apollo logistics support system /alss/ payloads- molab configuration design and integration	1965
19650064964	Apollo Logistics Support System (ALSS) Payloads Molab Cabin Systems - Crew Systems	1965
19650064965	Apollo Logistics Support System (ALSS) Payloads Molab Environmental Control Subsystem	1965
19650064966	Apollo Logistics Support System (ALSS) Payloads Molab Mobility Systems - Cryogenic	1965
19650064967	Apollo Logistics Support System (ALSS) Payloads Molab Astrionics Systems - Navigation and Guidance	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650064968	Apollo Logistics Support System (ALSS) Payloads - Molab Astrionic Systems - Communications, Command and Control, Volume 2	1965
19650064969	Apollo Logistics Support System (ALSS) Payloads Molab Astrionic Systems - Electronics	1965
19650064970	Apollo Logistics Support System (ALSS) Payloads Molab Crew Integration Plan	1965
19650064971	Apollo Logistics Support System (ALSS) Payloads Molab Tie-down and Unloading	1965
19650064972	Apollo logistics support system /alss/ payloads- aes/lssm analysis and conceptual design	1965
19650064973	Apollo Logistics Support System (ALSS) Payloads Molab Management - General	1965
19650064974	Apollo Logistics Support System (ALSS) Payloads Molab Management Plans - Quality Assurance Plan	1965
19650064975	Apollo Logistics Support System (ALSS) Payloads Molab Management Plans, Reliability and Safety Plan	1965
19650064976	Apollo Logistics Support System (ALSS) Payloads Molab Design Plan	1965
19650064977	Apollo Logistics Support System (ALSS) Payloads Molab Operations and Logistics Support Plan	1965
19650064978	Apollo Logistics Support System (ALSS) Payloads Molab Cost Plan	1965
19650064979	The foxboro company gauge pressure transmitter model 611gm-as1 test report	1965
19650064982	Enhanced s-band transponder first quarterly report, 4 dec. 1964 - 1 apr. 1965	1965
19650064985	<effects of research and development expendi- tures upon local and regional economics< progress report	1965
19650064986	Reusable orbital transport, alternate mission analysis. system evaluation study supporting report r. o. t. iii-1	1965
19650064988	The foxboro company voltage to current converter model 66gr-2w test report	1965
19650064989	The foxboro company thermistor sensor assembly model q100a1184 test report	1965
19650064990	Relief valve- control components part no. rv805-16tt, back-up item for nasa drawing no. b10430216-5 interim test report	1965
19650064991	Pressure reducing regulator, marotta valve corporation part no. 219004-la21, back-up for nasa drawing no. b75m50165 test report	1965
19650064992	Analysis of man-computer roles in prelaunch fault anticipation interim report	1965
19650064994	Amorphous semiconductors third quarterly report, 10 dec. 1964 - 9 mar. 1965	1965
19650064995	Tiros video data compression study first monthly report, 5 - 30 apr. 1965	1965
19650064997	Tiros video data compression study second monthly report, 5 may - 5 jun. 1965	1965
19650064999	Investigation of the nutritional properties of hydrogenomonas eutropha semiannual report, 1 nov. 1964 - 1 may 1965	1965
19650065005	Research on near infrared spectrophotometric studies at the may, 1965 total solar eclipse semi-annual report no. 1	1965
19650065006	Solutions of some plane thermal and crack problems for strain-hardening materials	1965
19650065007	Nimbus unique cda equipment field engineering support contract monthly progress report no. 22, 3 - 30 may 1965	1965
19650065008	Behavior of various adsorbates on metal sub- strates quarterly progress report no. 4, 1 mar. - 1 jun. 1965	1965
19650065009	<high speed reentry physics< final progress report	1965
19650065010	Experimental determination of system para- meters for thin-walled cylinders second annual summary report, 30 jun. 1964 - 29 jun. 1965	1965
19650065011	The one-dimensional unsteady expansion of a reacting mixture of gases considering vibrational and chemical nonequilibrium	1965
19650065012	Extreme vacuum technology including a pressure calibration study summary technical report, 1 feb. 1964-.1 feb. 1965	1965
19650065013	The aerobee 150a roll lock-in study final report, sep. 1964 - feb. 1965	1965
19650065014	X-15a-2 antenna location study, volume 1	1965
19650065015	Man-computer relationships in fault isolation interim report	1965
19650065016	Design study of the ms-ii stage for the modified launch vehicle /mlv/ saturn v. volume i- technical summary report final report	1965
19650065017	<reduction of data from tiros meteorological satellites< first monthly progress letter report, 1 - 30 apr. 1965	1965
19650065019	Failure effect analysis for sa-8 vehicle ground support equipment, launch complex 37, saturn i	1965
19650065020	Hall current accelerator third quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650065021	Mission control operations and support study- orl final report	1965
19650065023	Saturn v improvement study ms-ivb-1 and ms-ivb-2. volume ii- model specifications final report	1965
19650065024	Study of human factors and environmental control - life support systems - lunar exploration systems for apollo. volume i- summary	1965
19650065025	Study of human factors and environmental control - life support systems - lunar exploration systems for apollo. volume 2- analysis of requirements and constraints	1965
19650065026	Study of human factors and environmental control - life support systems - lunar exploration systems for apollo. volume 3- subsystem studies	1965
19650065027	Study of human factors and environmental control - life support systems - lunar exploration systems for apollo. volume 4- system studies	1965
19650065028	Study of human factors and environmental control - life support systems - lunar exploration systems for apollo. volume 5- shelter interior design and task studies	1965
19650065029	Study of human factors and environmental control - life support systems - lunar exploration systems for apollo. volume 6- operations, transportation, and logistics	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065030	System Criteria for Launch Vehicle Systems, Volume IV Research and Technology Report, Jun. 29, 1964 - May 1965	1965
19650065031	Time and error comparisons of manual and on-board apt gridding supplement to phase i final report	1965
19650065033	X258 development program final report	1965
19650065034	Program plan, ms-ic stage for modified launch vehicle /mlv/ saturn v, volume v	1965
19650065035	Fabrication and testing of liquid- mercury cathodes in an electron bombardment ion thruster quarterly report no. 3, 1 feb. - 30 apr. 1965	1965
19650065036	Study of resources required for mlv sat v-4/s/ and mlv sat v-4/s/ a, liquid/solid system integration. volume i- summary final report	1965
19650065037	Study of resources required for mlv sat v-4/s/ and mlv sat v-4/s/ a, liquid/solid system integration. volume ii- mlv sat v-4/s/ final report	1965
19650065038	Reusable orbital transport crew and passenger provisions	1965
19650065039	Study of magnetic annular plasma accelerator third quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650065040	Study of parametric performance of a two- stage repetitively pulsed plasma engine /reppac/ third quarterly progress report	1965
19650065041	Development of electronically tuned yig amplifier technical report, 1 nov. 1964- 26 apr. 1965	1965
19650065042	Low-modulus arctic cable materials first quarterly progress report, 15 feb. - 14 may 1965	1965
19650065043	Use of kryptonates in materials research quarterly progress report	1965
19650065044	Study of oxides for o2-n2 separation tenth quarterly progress report, 15 apr. - 15 jul. 1965	1965
19650065045	Study of the feasibility of interconnecting the large artificial nerve net /lannet/ and the electronic model of the biological clock	1965
19650065046	Research on materials essential to cryocooler technology quarterly progress report, 1 mar. - 1 jun. 1965	1965
19650065047	Some nongaussian noise processes relevant to fatigue and reliability predictions technical report, oct. 1963 - nov. 1964	1965
19650065048	A research study to advance the state-of-the- art of solid propellant grain design final report, 1 jan. - 31 dec. 1964	1965
19650065049	High impedance isolation techniques for monolithic circuit structures technical report, 15 aug. 1964 - 15 mar. 1965	1965
19650065050	Information theory	1965
19650065051	Communication without conventional /electro- mechanical/ acoustic transducers technical report, 1 oct. 1964 - 31 may 1965	1965
19650065052	Manufacturing methods for silicon dendrite solar cells interim engineering progress report, 1 feb. - 30 apr. 1965	1965
19650065053	Synthesis of high viscosity, hydrolytically stable, fire-resistant fluids bimonthly status report no. 1, 5 apr. - 4 jun. 1965	1965
19650065054	A low frequency transistor amplifier	1965
19650065056	Design study for a long life gyro first supplemental engineering report, 1-31 jan. 1965	1965
19650065057	Design study for a long life gyro second supplemental engineering report, 1-28 feb. 1965	1965
19650065058	Design study for a long life gyro third supplemental engineering report, 1-31 mar. 1965	1965
19650065059	Design study for a long life gyro fourth supplemental engineering report, 1-30 apr. 1965	1965
19650065060	Design study for a long life gyro fifth supplemental engineering report, 1-31 may 1965	1965
19650065062	Research on man-machine relationships in prelaunch checkout of advanced space vehicles quarterly progress report no. 4, 1 mar. - 31 may 1965	1965
19650065065	<study program to assist in defining an integrated checkout system for manned mission complexes< letter report, quarter ending jun. 30, 1965	1965
19650065066	Amporphous semiconductors fourth quarterly report, 10 mar. - 9 jun. 1965	1965
19650065067	Application of the apt tape recorder to on-board gridding supplement to phase i final report	1965
19650065069	Modification of eutectic alloys for high temperature service	1965
19650065072	Full-scale tx33 motor tests to demonstrate the feasibility of integral mandrels for large solid rocket motors	1965
19650065073	<development and analysis of an optimum attitude control system for nimbus meteorological satellites< monthly report no. 13	1965
19650065074	Navigator study of electric propulsion for unmanned scientific missions. volume 3- spacecraft performance and summary final report	1965
19650065075	Investigation of the electromagnetic properties of materials for applications to lasers, masers, and other solid-state devices semiannual status report, dec. 1, 1964 - may 31, 1965	1965
19650065076	<lunar and planetary programs< letter report, may 16 - jun. 15, 1965	1965
19650065077	Accelerated ageing of plastics. part i- degradation of thermoplastic materials under dry and humid/hot conditions	1965
19650065078	A study of tungsten alloys for rocket nozzles technical report, may 1, 1963 - feb. 15, 1965	1965
19650065079	Preliminary design criteria for space guidance environmental facility technical report, aug. 1964 - apr. 1965	1965
19650065080	Configurations of a fieldfree plasma in equilibrium with plane magnetic fields <feldfreie plasmakonfigurationen im gleichgewicht mit ebenen magnetfeldern<	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065081	Preliminary results on the behaviour of a high-beta plasma in a toroidal magnetic field with superimposed multipole field <vorlaufige ergebnisse uber das verhalten eines plasmas mit hohem beta im toroidalen magnetfeld mit uberlagertem multipolfeld<	1965
19650065082	New ablative plastics and composites, their formulation and processing technical report, may 1964 - jan. 1965	1965
19650065083	Radar measuring errors due to quantization and normalization of signals	1965
19650065084	Infrared coating studies final report, 18 feb. - 18 may 1965	1965
19650065085	Response of low-power nuvistors to pulsed nuclear radiation	1965
19650065086	An investigation by analog computer of the effects of vertical gusts on the longitudinal dynamics of two aircraft in a carrier landing approach	1965
19650065087	A study and investigation of a predictive reliability model for high-power klystron tubes final report	1965
19650065090	Research on the effects of temperature and humidity on ozone concentrations	1965
19650065092	A discrete element method for the analysis of plane elasto-plastic stress problems	1965
19650065093	Tests with a heavy load skidding test vehicle incorporating a mark i maxaret anti-locking brake system to determine braking force coefficients between an aircraft tyre and various wet surfaces	1965
19650065095	Machining damage studies in beryllium	1965
19650065096	Design, development and fabrication of the high-frequency single-sideband transceiver an/arc-104/v/ interim engineering report no. 3, 1 nov. 1964 - 31 jan. 1965	1965
19650065098	On polynomial equations with coefficients equal to their roots	1965
19650065099	Estimated numbers of multipaths from a stochastic surface- an a-crossing problem	1965
19650065102	A 1.7 kwe radioisotope dynamic power system for use in manned and unmanned space missions, volume ii	1965
19650065104	Thermal stability of molybdates for use as high temperature inhibitive coating pigments technical documentary report, oct. 1962 - feb. 1964	1965
19650065105	Fiber optic laser final technical report	1965
19650065106	Mission support studies thirteenth monthly progress report, jan. 1965	1965
19650065107	Investigations in nonlinear acoustics	1965
19650065108	Theoretical method for deriving an earth centered datum	1965
19650065110	A simulated altitude test of a saturn sic retro development motor /test unit no. sd-20/	1965
19650065111	Ground motions induced by saturn missile launches	1965
19650065112	Reliability analysis of de-spinning capability of geos a with special emphasis on the yo-yo de-spin device technical advisement memorandum no. 106-7	1965
19650065113	Nimbus integration project twenty-eighth monthly report, 24 may - 4 jul. 1965	1965
19650065115	Static aerodynamic characteristics of the apollo-saturn v vehicle	1965
19650065117	The influence of longwave reflectivity of natural surfaces on the measurements of surface temperature using radiometers final technical report	1965
19650065118	The evaluation of chromium alloy "e"	1965
19650065119	On the behaviour of tetra-and divalent rare earths in metallic compounds final technical report, 1 apr. 1964 - 1 apr. 1965	1965
19650065121	Experiments and instrumentation for scientific investigation of the moon /alss/	1965
19650065124	Critical evaluation- experimental equipment for ablation studies	1965
19650065126	A survey of rf protective devices for electroexplosive initiators final report	1965
19650065127	Terminal homing instrument. volume 1- summary	1965
19650065130	A post-1970 expendable launch vehicle system. volume i- vehicle design	1965
19650065134	Test program for silicon-germanium thermoelectric generator final report	1965
19650065135	Development of an ion rocket engine system for attitude control and station keeping final report	1965
19650065136	Solar x-ray spectrometer experiment employing a proportional counter	1965
19650065137	Optical absorption and photoconductivity in the band edge of beta-ga2o3	1965
19650065138	Measurement of high electron densities on a linear z-pinch using a new microwave reflection probe <messung hoher elektronendichten mit einer neuartigen mikrowellen- reflexionssonde an einem linearen z-pinch<	1965
19650065139	High-speed cameras with electro-statically focussed image converter tube for three picture and streak operation <kurzzeitkamas mit elektrostatisch fokussierter bildwand- lerrohre fur dreibild-und schmierbild- betrieb<	1965
19650065141	Cleaning procedure used for the removal of potassium dry chemical fire extinguishing agent	1965
19650065143	Behavior of notched fibers in longitudinal tension	1965
19650065144	<silicon carbide electroluminescence< c. v. d. report no. 118a jan. - mar. 1965	1965
19650065145	Research on silicon dioxide films, a review of conduction mechanisms through thin insulating films	1965
19650065146	Pigmented surface coatings for use in the space environment technical documentary report, jul. - dec. 1964	1965
19650065148	Fine structure of the giant dipole resonance in o16 as observed by inelastic electron scattering at 180 deg	1965
19650065150	Control of plasma collision frequency for alleviation of signal degradation	1965
19650065151	Design considerations and analysis of a complex modulus apparatus technical report, dec. 1962 - aug. 1964	1965
19650065152	Research on clean surface studies on semi- conductors interim report, 1 jan. - 31 dec. 1964	1965
19650065153	A new class of hypereutectic carbide composites	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065154	Results of testing utc xsr 57-ut-1 solid- propellant rocket motors under the combined effects of simulated altitude and rotational spin /preliminary flight rating test/, phase ii	1965
19650065155	A fortran code for the calculation of ionization and absorption due to a nuclear detonation /weph iii/	1965
19650065156	High-power traveling-wave multiple-beam klystron eleventh quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650065157	Development of electron gun with non- intercepting grids seventh quarterly progress report, 28 nov. 1964 - 28 feb. 1965	1965
19650065158	Research and development of erosion and oxidation resistant coatings final summary report, 13 mar. 1964 - 12 jun. 1965	1965
19650065159	Investigation of electronic interaction with optical resonators for microwave generation and amplification quarterly report no. 1, 15 jan. - 15 apr. 1965	1965
19650065160	Evaluation of composite materials for gas turbine engines first quarterly report, 1 apr. - 30 jun. 1965	1965
19650065161	Evaluation of electron beam welds in thick material third quarterly progress report, 1 mar. - 1 jul. 1965	1965
19650065162	Investigation of gas ionization phenomenon at optical and ir frequencies final report, 8 feb. 1964 - 11 mar. 1965	1965
19650065163	Multifueled thermal-energy-conversion systems first quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650065164	Negative-grid tubes for phased arrays seventh quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650065165	Research on electron-photon interaction phenomena interim technical report, 3 mar. - 2 jun. 1965	1965
19650065166	X-band tube-and-cavity oscillator evaluation program first quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650065167	Modification of the coherent visual stimulus generator to use a laser light source third interim technical report	1965
19650065168	Diffraction pattern of a very thin annulus	1965
19650065169	Axicons, annuli, and coherent light	1965
19650065170	Study of electrostatic effects on condensing heat transfer technical report, feb. 1963 - may 1964	1965
19650065171	Low noise antenna techniques final report	1965
19650065172	Measurements of air blast parameters above a reflecting surface	1965
19650065173	Design of test facility for thermal fatigue and low cycle fatigue testing	1965
19650065174	A seven foot diameter shock tube for transonic and supersonic aerodynamic testing	1965
19650065175	The spectrometric measurement of the tempera- ture field in an arc with a transpiration- cooled anode	1965
19650065176	Theory and calculation of stationary and quasi-stationary cylindrical arcs <zur theorie und berechnung stationaerer und quasi- stationaerer zylindrischer lichtboegen>	1965
19650065177	Ultra high power ampliftron. volume i- cw ampliftron development final report, 1 feb. 1960 - 15 apr. 1964	1965
19650065178	Electron sensitive recording media for real- time viewing interim engineering progress report no. 2, 1 jan. - 30 jun. 1965	1965
19650065180	Engineering development models of pcm multiplexer and cable combiner for forward area pcm terminal first semiannual report, 1 oct. 1964 - 31 mar. 1965	1965
19650065184	Landau damping	1965
19650065186	Design, fabrication, and functional evaluation of recuperator for advanced power conversion experimental facility	1965
19650065187	Research on electron-phonon interaction phenomena interim technical report, 3 dec. 1964 - 2 mar. 1965	1965
19650065188	Use of kryptonates in materials research quarterly progress report	1965
19650065189	Multicomponent alkali metal alloys final report, 1 jul. 1964 - 1 jul. 1965	1965
19650065190	Development of cavitating venturi valves for deep throttling of cryogenic liquids technical report, 10 jun. 1963 - 31 jan. 1965	1965
19650065191	Development of catapult, aircraft seat ejection, xm30	1965
19650065194	Measurements of normally reflected shock parameters from explosive charges under simulated high altitude conditions	1965
19650065197	Transient blast load simulation using spark induced shocks in a hypersonic wind tunnel. phase i- development of the electrical spark generator and required instrumentation final report, 15 jan. 1964 - 15 feb. 1965	1965
19650065198	<the preparation of complex phases and ternary alloys within the combinations- transition metals /t/, meta- metals /m/, non-metals /y/> technical status report no. 2, 1 apr. - 30 jun. 1965	1965
19650065200	Transducer and intercommunication system for air crewman's protective headgear third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650065207	Study of high perveance beams focusing by means of quadripole magnetic lenses <etude de la focalisation de faisceaux a haute perveance a l'aide de lentilles quadripolaires magne- tiques>	1965
19650065208	Synthesis of new fire resistant hydraulic fluids bimonthly status report no. 1, 25 mar. - 25 may 1965	1965
19650065210	The aging of plastics by atmospheric and microbiological corrosion <veroudering van kunststoffen door atmosferische en microbiologische aantasting> bibliography	1965
19650065211	Application of gas chromatography to analyses of army weapons materials- analysis of lacquer thinners	1965
19650065212	Quarterly bulletin of the division of mechanical engineering and the national aeronautical establishment, 1 january - 31 march 1965	1965
19650065213	Metallurgical research and development for ceramic electron devices eleventh quarterly report, 1 jan. - 31 mar. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065215	Dendritic solar cell and array investigation interim progress report, 1 mar. - 1 jun. 1965	1965
19650065216	Meteorological launch probability analysis for a toxic fueled launch vehicle final report	1965
19650065217	Design study of a cloud pattern recognition system quarterly progress report, 15 dec. 1964 - 15 mar. 1965	1965
19650065218	<a study of atomic and molecular collision phenomena by high velocity atomic and molecular beams< fourth semiannual report, period ending 30 jun. 1965	1965
19650065219	Solid propellant combustion mechanism studies eighteenth progress report, 1 oct. - 31 dec. 1964	1965
19650065220	Preliminary model specification- ms-ic stage for modified launch vehicle /mlv/ saturn v, volume 2	1965
19650065221	Monopropellant hydrazine thruster system progress report no. 1, 12 feb. - 30 apr. 1965	1965
19650065223	Tiros radiation measurements and variations in atmospheric heating quarterly progress report no. 1, 8 feb. - 8 may 1965	1965
19650065224	Aerobee nasa 4.17 /s/n nasa 144-3/ meteoro- logical data report	1965
19650065225	Revised guide for inputting data to the catch program	1965
19650065226	Thermodynamic analysis report for the alouette-b spacecraft ascent and coast phase, model isis-x	1965
19650065227	Study of magnetic annular plasma accelerator fourth quarterly progress report, jan. 1 - mar. 31, 1965	1965
19650065229	Balmer-line blanketed model atmospheres for a-type stars	1965
19650065233	Studies of development of stress response mechanisms progress report, jan. 1 - jun. 30, 1965	1965
19650065234	<study of a radio probe of the extended solar corona< fourth progress report, apr. 1 - jun. 30, 1965	1965
19650065236	Fundamental research in solid state energy conversion processes semiannual technical summary report no. 4, dec. 1, 1964 - may 31, 1965	1965
19650065245	Arbalist progress report, december 1964	1965
19650065251	Development of a propellant containing a high energy oxidizer tenth monthly research contract status report, 1 - 31 mar. 1965	1965
19650065253	Missile guidance array antenna first quarterly report, 16 sep. - 15 dec. 1964	1965
19650065256	Laboratory evaluation of electronically tuned preselector	1965
19650065257	Underwater acoustic ambient-noise and trans- mission tests west of san clemente island, july 1963	1965
19650065261	An experimental investigation of forces produced by combustion on the surface of an axisymmetric body	1965
19650065262	An analytical review of the project "advanced propellant research" being conducted within the army materiel command special report, mar. 1964 - mar. 1965	1965
19650065265	Nike-x/abres guidance program and test plan for the mod iii /a-4/ computing system at the western test range	1965
19650065266	Chemistry of rare gas compounds first quarterly technical summary report, 2 nov. 1964 - 1 feb. 1965	1965
19650065271	Gemini Launch Vehicle Program and Facilities Monthly Progress Report No. 36, 1-31 Jan. 1965	1965
19650065272	Synthesis of lmh-2 quarterly progress report no. 3, nov. 1964 - jan. 1965	1965
19650065274	Dcs research and development guide- teletype instruments	1965
19650065275	Radially distributed annular combustor for packaged liquid rocket engines /radarc state of the art program/ quarterly technical progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650065277	High-speed wind-tunnel tests of the spinning body concept for the snake eye ii bomb design	1965
19650065278	Development of a propellant containing a high energy oxidizer twelfth monthly research contract status report, 1- 31 may 1965	1965
19650065281	Research and development on high-energy propellants from nitrogen-rich binders final technical summary report, 1 feb. 1962- 6 mar. 1965	1965
19650065286	Polaris progress report, 1 january - 31 march 1965	1965
19650065287	Exploratory development program for a light- weight solid rocket pulse motor special written progress report, 6 nov. 1964 - 30 apr. 1965	1965
19650065288	Control measures for acid-gas corrosion in fbm submarines interim report	1965
19650065289	Development of a composite propellant	1965
19650065290	Results of the aerial recovery test of 9.688 and 70.588 per cent scale models of the prime program sv-5d vehicle with a jc-130b cargo airplane as recovering vehicle in the langley full scale wind tunnel	1965
19650065294	Application of microwave triode oscillators for lightweight, high-resolution radars	1965
19650065295	A spectrographic technique for the study of solid propellant combustion	1965
19650065296	High energy oxidizers research quarterly progress report, 1 apr. - 30 jun. 1965	1965
19650065298	Evaluation of high energy fuels and oxidizers in solid propellants quarterly progress report no. 1, apr. 12 - jun. 30, 1965	1965
19650065299	Altitude performance evaluation of the main retrograde thrust rocket for the surveyor lunar spacecraft /thrust vector excursion analysis/ /summary of six te-364-1 firings/ firings	1965
19650065300	Effects of ablation on the dynamic stability characteristics of an 8-deg cone at mach 10	1965
19650065301	Combustion characteristics of light-metal- based fuels	1965
19650065304	Research studies on a gas generator propellant final summary progress report, 1 jun. 1964 - 31 mar. 1965	1965
19650065308	Manufacturing methods for high temperature coating of large columbium part second interim progress report, 1 mar. - 31 may 1965	1965
19650065309	An investigation of sealing techniques for electroexplosive devices	1965
19650065310	Liquid rocket system conjugate structure and tankage. part i- functional integration and design study. volume ii- preliminary design technical report, 1 apr. - 30 sep. 1964	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065312	F-5a/b systems evaluation technical report, 13 mar. - 31 oct. 1964	1965
19650065313	Aerodynamics and combustion in spain	1965
19650065314	Gallium phosphide and the gallium arsenide- gallium phosphide system data sheets	1965
19650065315	Measurement of impact sensitivity of liquid explosives and monopropellants	1965
19650065316	Low-voltage arc studies seventh quarterly progress report, 1 dec. 1964 - 1 mar. 1965	1965
19650065317	Techniques for integration of active elements into antennas and antenna structure interim engineering report, 1 mar. - 31 may 1965	1965
19650065319	Determination of the effects of rotor blade compressibility on the performance of the uh-1f final report, 17 feb. - 30 mar. 1965	1965
19650065320	Capability and cost study for component and model test facility summary report, 16 dec. 1963 - 1 jan. 1965	1965
19650065321	Capability and cost study for component and model test facility, phase iii. supplement 4- analytical methods and computer program for off-design performance evaluation of multi- stage gas-driven ejector systems with inter-stage cooling summary report supplement, 16 dec. 1963 - 1 jan. 1965	1965
19650065322	A study of aerospace ground equipment for large rocket systems. military age systems advanced planning handbook final report	1965
19650065323	Research in network, linear graph, and communication net theories in japan	1965
19650065325	The kinetics of oxidation of high purity nickel technical report, 1 feb. 1964 - 1 feb. 1965	1965
19650065326	Analysis and synthesis of lossy communication nets	1965
19650065327	Experimental oxygen concentrating system	1965
19650065329	Investigation and development of techniques to extend the utility of pack processes and compositions for coating molybdenum and columbium alloys third quarterly progress report, 1 dec. 1964 - 1 mar. 1965	1965
19650065330	New switching concepts third quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650065331	Experimental optimization of the reverse-flow swirl chamber	1965
19650065332	Optical beam scanning cell investigations quarterly status report no. 1, feb. 19 - may 19, 1965	1965
19650065333	Propagation of slow-waves bound to the surface of a plasma <propagation d'ondes lentes liees a la surface d'un plasma>	1965
19650065334	Propagation of lf and vlf radio waves via an ionosphere modified by nuclear detonations	1965
19650065336	Silicon controlled rectifiers- lateral turn-on velocity, lateral field distribution, and lateral skip phenomenon final technical report	1965
19650065337	Design and fabrication of a powder lubrication system for the j-69 turbo-jet engine progress report no. 2, oct. 1964 - feb. 1965	1965
19650065341	Behavior of nozzle materials under extreme rocket motor environments final technical report, may 1 1964 - may 31 1965	1965
19650065346	Rubber research- the synthesis of special fluorine-containing monomers semiannual progress report, oct. 1, 1964 - apr. 1, 1965	1965
19650065347	Resolution of stresses in single crystal deformation technical report, dec. 1963 - dec. 1964	1965
19650065348	Stress corrosion cracking in martensitic high strength steels quarterly report, feb. - apr. 1965	1965
19650065352	The reaction of peroxydisulfuryl difluoride with anhydrides of certain perhalocarboxylic acids to form perhaloacyl fluorosulfates	1965
19650065354	Neutron resonance scattering measurements with li6 glass detectors	1965
19650065355	Calibration of the daphne coarse-control arms by means of the pulsed-neutron technique	1965
19650065356	Some experiments relating to the behavior of gas-borne iodine	1965
19650065357	Inelastic buckling of an elastically supported buried cylinder final report, mar. 1964 - may 1965	1965
19650065358	Investigation of catalytic reactions for co2 reduction. part ii- evaluation of base metal oxide catalysts	1965
19650065360	Transonic and supersonic air loads on the ground-based afwl minuteman uhf antenna	1965
19650065361	Light modulation detector final report, 15 apr. 1964 - 15 apr. 1965	1965
19650065363	Dais - defense automatic integrated switch twenty-third quarter progress report, 1 jan. - 31 mar. 1965	1965
19650065364	Spectrophotometry of atmospheric emissions technical summary report no. 2, 15 jan. - 15 mar. 1965	1965
19650065365	Research on solid state radiation-induced phenomena third progress report, 1 mar. 1964 - 28 feb. 1965	1965
19650065367	An a.c. method for measuring the characteris- tic data of a field emission point- accuracy and experimental realization <messung der kenngrößen einer feldemissionstrecke mit einer wechselstrommethode- genauigkeit und praktische durchführung>	1965
19650065368	On the surface wave pattern of submerged bodies started from rest	1965
19650065369	Mechanisms of reactions of ammonium nitrate annual report, 1 jun. 1964 - 31 may 1965	1965
19650065371	Microstructural response and tensile failure mechanisms in solid propellants phase report, mar. 1963 - mar. 1965	1965
19650065372	Manned mars and/or venus flyby vehicle systems study. volume 4- system evaluation final report	1965
19650065373	Thermal radiation testing of ablative heat protective materials with an arc-image furnace. volume i- report and discussion final report	1965
19650065374	Thermal radiation testing of ablative heat protective materials with an arc-image furnace. volume ii- tabulated time tempera- ture histories final report	1965
19650065375	Thermal radiation testing of ablative heat protective materials with an arc-image furnace. volume iii- development of a computer program for the determination of thermal physical properties of ablating materials final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065376	Thermal radiation testing of ablative heat protective materials with an arc-image furnace. volume iv- tabulated thermophysical properties as calculated from transient data final report	1965
19650065377	Imp d&e /aimp/ pfm encoding system, interface document	1965
19650065378	Flight reentry research project at hyperbolic velocities, project fire, flight 2 - project development plan	1965
19650065379	Pisgah crater radar return study final report	1965
19650065380	Radiation physics research at msfc	1965
19650065383	Launch vehicle systems cost model. volume iii- research and technological implications	1965
19650065384	Study of the mechanics of non-newtonian fluids fourth quarterly status report, period ending 26 jun. 1965	1965
19650065385	Four studies in support of the manned venus/mars flyby project	1965
19650065391	Fluorite lattices with unoccupied anion positions <fluoritgitter mit leeren anionenplätzen<	1965
19650065392	On oxides of cerium /iii/ <uber die oxyde des cers. /iii/<	1965
19650065393	Quantum-theoretical reinterpretation of kinematic and mechanical relations <uber quantentheoretische umdeutung kinematischer und mechanischer beziehungen<	1965
19650065394	On quantum mechanics <zur quantenmechanik<	1965
19650065395	On quantum mechanics, part ii <zur quanten- mechanik ii<	1965
19650065396	Quantization of the ideal monatomic gas <zur quantelung des idealen einatomigen gases<	1965
19650065397	On schrodinger's wave mechanics <zur schrodingerschen wellenmechanik<	1965
19650065398	Specific heat of a spin system at positive and negative absolute temperatures <merna tepla spinoveho systemu pri kladne a zaporne absolutni teplote<	1965
19650065399	Electromagnetophoresis of electrically-charged particles /electrophoresis in a magnetic field/, theoretical consideration <elektro- magnetoforeza czastek obdarzonych ladunkiem elektrycznym /elektroforeza w polu magnetycznym/, rozwazania teoretyczne<	1965
19650065400	Oxygen consumption as a function of intensity of physical exertion <la consommation d'oxygene en fonction de l'intensite de l'exercice musculaire<	1965
19650065401	Respiratory frequency as a function of pulmonary ventilation- a comparative study of normal and athletic subjects <la frequenza del respiro in funzione della ventilazione polmonare- studio comparativo tra normali e atleti<	1965
19650065402	Research on water-vapor release through small areas of human skin <untersuchungen uber die wasserdampfabgabe kleiner hautflachen beim menschen<	1965
19650065403	The polarization-optical layer method for measuring the surface tension of stressed structural elements, without model <das polarisations-optische schichtverfahren zur messung der oberflachenspannung am beanspruch- ten bauteil ohne modell<	1965
19650065404	Determination of maximum oxygen consumption in physical labor <determinazione del massimo consumo di ossigeno nel lavoro muscolare<	1965
19650065405	Silver oxides <uber die oxide des silbers<	1965
19650065406	Electron pressure and line intensity ratio as a function of electric arc temperature <pression electronique et rapport d'intensite des raies en fonction de la temperature de l'arc electrique<	1965
19650065407	Determination of equilibrium between the atoms and molecules of an alkali vapor by a molecular beam method <die bestimmung des gleichgewichts zwischen den atomen und den molekulen eines alkalidampfes mit einer molekularstrahlmethode<	1965
19650065408	Imidazole dyestuffs. part xi- condensation of pyromellitic acid with o-phenylenediamine <imidazol-farbstoffe. xi- uber die konden- sation von pyromellithsaure mit o-phenylendiamin<	1965
19650065409	Imidazole dyestuffs. part xiii- reduction of the aroyleneimidazole skeleton with lithium aluminum hydride <imidazol-farbstoffe. xiii- reduktion des aroylenimidazol-skeletts mit lithiumaluminiumhydrid<	1965
19650065410	Ammonia production feasibility study final technical report, 6 oct. 1964 - 3 feb. 1965	1965
19650065412	Gaas laser diode for cw and pulsed operation interim technical report, 30 sep. 1964 - 31 mar. 1965	1965
19650065413	Directed electron velocity distributions in rare gas discharges using guard ring probes	1965
19650065414	Development of nondestructive testing system for analysis and control of residual machining stresses interim engineering progress report, 1 mar. - 30 apr. 1965	1965
19650065415	A finite difference method solution of non-similar, equilibrium and non-equilibrium air, boundary layer equations with laminar and turbulent viscosity models. part ii- computer program and supplement final report	1965
19650065416	Response of epoxy adhesives when stressed to failure in milliseconds	1965
19650065417	Computation of the cut-off wavelength and the power voltage characteristic impedance of ridged waveguides for waveguides of standard aspect ratio	1965
19650065418	Wave propagation tubes of high gain and low noise <tubes a propagation d'onde a grand gain et faible bruit<	1965
19650065419	Water separation by selective permeation through microporous materials technical report, may 1964 - mar. 1965	1965
19650065420	Self-focusing effects in partially and fully neutralized electron beams	1965
19650065421	Feasibility study for use of radiation pyrometers in machinery spaces final report	1965
19650065422	Development of ppm-focused low-noise traveling-wave tubes for ku-, k-, and ka-band interim development report, 1 jan. - 31 mar. 1965	1965
19650065427	The effect of ionizing radiation on the primary structure of enzymes annual report, jun. 1, 1964 - may 31, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065428	New concepts for achieving high efficiency in traveling-wave tubes fourth quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650065429	Cesium beam tube research first quarterly progress report, 2 jan. - 31 mar. 1965	1965
19650065430	Zinc electrode investigation quarterly technical progress report, 1 apr. - 1 jul. 1965	1965
19650065431	The development and evaluation of a hydrocarbon binder for high energy solid propellants second quarterly technical report, 13 apr. - 12 jul. 1965	1965
19650065432	Novel image - dissector camera tube for surveillance application investigation third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650065433	Joint services electronics program final report, feb. 15, 1964 - mar. 15, 1965	1965
19650065434	Operation roller coaster- micro-meteorolog- ical measurements	1965
19650065436	Evaluation and checkout of the air force flight test center vtol test stand	1965
19650065437	High energy rate densification and forming of metal powders interim progress report /phase ii/, 1 jan. - 1 jun. 1965	1965
19650065438	Category ii climatic laboratory test of the ch-3c helicopter technical report, 20 apr. - 18 jun. 1964	1965
19650065439	A close-hauled towing arrangement /trailer connection/ and the forces on it when operating in waves	1965
19650065440	Characteristics of the suffield experimental station cylindrical water surface-tension gauge	1965
19650065441	Studies on shock wave pressure-time gauges. vii- the effect of electrical fields on quartz and tourmaline element pressure transducers	1965
19650065442	Computed magneto-telluric curves for hypothetical models of crustal structure final report	1965
19650065444	High-precision pressure sensor final report, nov. 8, 1960 - nov. 7, 1964	1965
19650065445	Determination of the initial conditions for a draining compressible fluid leading to given outlet conditions	1965
19650065447	Exploratory evaluation of filament-wound composites for tankage of rocket oxidizers and fuels quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650065451	Advancement of protective coating systems for columbium and tantalum alloys third quarterly technical progress report, 1 oct. 1964 - 1 jan. 1965	1965
19650065454	Kinetics of the contraction of an o2 deficiency in man <cinetica della contrazione di un debito di o2 nell'uomo>	1965
19650065455	Kinetics of the return to normal of respiratory frequency after exertion- comparative study of normal subjects and athletes <cinetica del ritorno alla norma della frequenza respiratoria dopo sforzo- studio comparativo tra soggetti normali e atleti>	1965
19650065456	The law of mass action - A survey of the work of Guldberg and Waage <om massevirkningsloven - en oversikt over guldberg og waages arbeider>	1965
19650065457	Kinetic investigation of the decomposition of active materials in the positive electrode of nickel-cadmium alkaline cells <etude cinetique de la decomposition des matieres actives de l'electrode positive des accumulateurs alcalins nickel-cadmium>	1965
19650065458	Imidazole dyestuffs. part x- condensation of 2,6- and 2,7-dichloronaphthalene-1,4,5,8- tetracarboxylic acid with 0-phenylenediamine <imidazol-farbstoffe x. uber die kondensation der 2,6- und 2,7-dichloronaphthalin-1,4,5,8-tetracarbonsaure mit o-phenylendiamin>	1965
19650065461	Ultrasonic investigation of microstructure of hard superconductors progress report no. 1, 20 apr. 1964 - 1 jan. 1965	1965
19650065462	Development of a laser light source for the mach-zehnder interferometer <entwicklung einer laserbeleuchtung fur das mach-zehnder interferometer>	1965
19650065463	Fine metal filaments for high-temperature applications technical report, mar. 1964 - mar. 1965	1965
19650065465	Low temperature refractory metal-to-ceramic seals fifth quarterly progress report, 15 jan. - 14 apr. 1965	1965
19650065468	Research on relaxation processes in magnetic materials progress report no. 4, nov. 1964 - jan. 1965	1965
19650065469	Modification of third-octave digital analyzer /toda/ research and development report, jun. - nov. 1964	1965
19650065473	An investigation of interdiffusion in metallic single crystals	1965
19650065475	Research on experimental heat of vaporization and enthalpy measurements of oxygen-nitrogen- argon mixtures quarterly progress report, 1 oct. 1964 - 1 jan. 1965	1965
19650065478	Optimum selection of launch vehicles and their schedules for minimum expected logistic cost in support of a manned space station	1965
19650065479	Design of structural members to withstand resonant fatigue	1965
19650065480	Infrared to visible conversion in crystals quarterly progress report, mar. 1 - may 31, 1965	1965
19650065481	Manned mars and/or venus flyby vehicle systems study. volume 2- radiation environments and mission profiles final report	1965
19650065482	Manned mars and/or venus flyby vehicle systems study. volume 3- spacecraft configurations and subsystems design, part 1 final report	1965
19650065483	Manned mars and/or venus flyby vehicle systems study. volume 3- spacecraft configurations and subsystems design, part 2 final report	1965
19650065484	Manned mars and/or venus flyby vehicle systems study final briefing brochure	1965
19650065487	Support of solar flare patrol by a world-wide network of observatories, for the collection of data on solar flares and associated ionospheric disturbances final report	1965
19650065488	Determination of the outgassing rate of two solid propellant rocket fuels in a vacuum	1965
19650065489	Biological effects of prolonged exposure of small animals to unusual gaseous environments semiannual report, 1 mar. - 31 aug. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065491	100-kilovolt ceramic-metal thyratron sixth quarterly progress report, jan. 15 - apr. 14, 1965	1965
19650065494	Flight evaluation of modified t-39a s/n 62-4492	1965
19650065495	Silicon carbide- data sheets	1965
19650065496	Energetics and chemical kinetics of polystyrene surface degradation in inert and chemically reactive environments	1965
19650065498	Surveillance testing of the m51 bomarc booster motor /phase 2/ airmunitions test report	1965
19650065499	Radiation effects on guided missile electronic equipment iv final report, 15 jul. 1964 - 15 jan. 1965	1965
19650065500	Aerodynamic characteristics of four affdl high lift-to-drag ratio re-entry vehicles at mach 19 and free-stream reynolds numbers up to 1.0 x 10 ⁶ per foot technical report, jan. 15 - feb. 19, 1965	1965
19650065502	Snap-23 - terrestrial radioisotope fueled thermoelectric power supply system quarterly report no. 3, 1 feb. - 30 apr. 1965	1965
19650065504	Asset asv-1 final flight test report	1965
19650065505	Athena Fourth Stage BE-3-A4 Rocket Motor Propulsion Unit Program	1965
19650065541	Structural analysis and trade studies, ms-ic stage for modified launch vehicle /mlv/ saturn v	1965
19650065542	Sa-8 launch vehicle rf and telemetry systems description	1965
19650065544	Arcjet technology research and development fourth quarterly progress report, 1 mar. - 31 may 1965	1965
19650065545	<multidisciplinary research in the space related physical, engineering, social and life sciences< fourth semiannual progress report	1965
19650065547	Computer program manual for automated post flight evaluation	1965
19650065548	Turbulent jet expansion in a coaxial main flow <turbulente strahlausbreitung in gleichgerichteter grundstromung<	1965
19650065549	Supersonic flows, infinitely close to the flow on a dihedron <ecoulements hypersoniques infiniment voisins de l'ecoulement sur un diedre<	1965
19650065551	Transient and steady performance of an ion rocket thrust augmentor interim report	1965
19650065552	Failure reporting summary, sa-9 pre-launch, test and checkout at ksc	1965
19650065553	Techniques for estimating local and regional multiplier effects of changes in the level of major governmental programs	1965
19650065555	A design study of structure-cryogenic insulation integration final report, jun. 1963 - may 1964	1965
19650065556	Proceedings of the seventh hypervelocity impact symposium. volume iii- theory	1965
19650065557	Impact of a porous aluminum projectile on aluminum at 20 and 72 km/sec	1965
19650065558	Numerical solution of oblique impacts	1965
19650065559	Peak axial pressures in semi-infinite media under hypervelocity impact	1965
19650065560	An investigation of crater formation by hyper- velocity impact	1965
19650065561	Hypervelocity impact - a series solution	1965
19650065562	On the mechanics of indentation and cratering in solid targets of strain-hardening metal by impact of hard and soft spheres	1965
19650065563	A penetration method for determining impact yield strength	1965
19650065565	Wind shear measurement by satellite-cloud tracking final report	1965
19650065566	Compressed data storage system interim engineering progress report, 1 mar. - 31 may 1965	1965
19650065567	A gamma-spectrum stabiliser with compensation for the effects of detector temperature variation	1965
19650065568	The influence of the scattering law on the radiation damage displacement cascade	1965
19650065569	Lattice parameter changes in irradiated graphite	1965
19650065570	The planning and development of expedient shelter facilities	1965
19650065571	On the influence of small amounts of inter- stitial and substitutional elements on recovery, recrystallization and internal friction of high purity iron final technical report, 1 may 1964 - 30 apr. 1965	1965
19650065573	Computer analysis of cable coupling for intra- system electromagnetic compatibility technical report, jul. - jun. 1964	1965
19650065574	Floating drydocks used as launch platforms and tracking stations for space vehicles final report, jan. 1964 - jan. 1965	1965
19650065575	Field-effect transistors a bibliography, 1935 - may 1965	1965
19650065576	Catalytic combustion of atmospheric contami- nants in space vehicle atmospheres final report, dec. 1963 - feb. 1965	1965
19650065578	Ground-effect-machines, literature survey <luchtkussen voertuigen<	1965
19650065580	Bonding of underwater-curing epoxies	1965
19650065581	Multiple adaptive logic functions technical summary report, 1 oct. 1963 - 31 dec. 1964	1965
19650065582	The fourth international reinforced plastics conference, november, 1964	1965
19650065583	The viscosity of water under pressure	1965
19650065584	An investigation of some metallurgical and mechanical properties of titanium-niobium alloys	1965
19650065585	An investigation of f centers, u centers, and m centers in kbr-h, kcl-h and nacl-h final report, jun. 1964 - jun. 1965	1965
19650065586	High-strength, high-modulus glass filaments annual technical report, 25 mar. 1964 - 24 mar. 1965	1965
19650065588	The first british radioactive isotope powered thermoelectric generators r.i.p.p.l.e. i and ii interim report	1965
19650065589	Sampling and characterisation techniques used in the study of iodine release from irradiated fuel elements	1965
19650065591	Thermionic converter life and repeatability investigation fourth quarterly progress report, 1 jan. - 31 mar. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065594	Noise spectra of the bell oh-13-t helicopter	1965
19650065595	Manufacturing technology for large monolithic fiberglass reinforced plastic rocket motor case interim engineering progress report, 1 feb. - 30 apr. 1965	1965
19650065596	Mass spectral studies of kinetics behind shock waves. iii- thermal dissociation of fluorine	1965
19650065597	Transonic Test Results from a Force, Moment, Pressure and Control Surface Hinge Moment Investigation Conducted with an 8 Percent Scale SV-5P Vehicle in the Nasa-Langley 8-Foot Transonic Pressure Wind Tunnel	1965
19650065598	Transonic Test Results from a Force, Moment, Pressure and Control Surface Hinge Moment Investigation Conducted with an 8 Percent Scale SV-5P Vehicle in the Nasa-Langley 8-Foot Transonic Pressure Wind Tunnel	1965
19650065599	Transonic Test Results from a Force, Moment, Pressure and Control Surface Hinge Moment Investigation Conducted with an 8 Percent Scale SV-5P Vehicle in the Nasa-Langley 8-Foot Transonic Pressure Wind Tunnel	1965
19650065601	Research and development of a hot gas flight stabilization system technical documenta- ry report, may - dec. 1964	1965
19650065603	Sonically excited compressional ring modes of model submarines	1965
19650065604	Goggle program interim technical report, 1 feb. - 1 may 1965	1965
19650065605	Development of an extinguishable solid propellant final report, 1 apr. 1964 - 10 may 1965	1965
19650065606	Synthesis of inorganic oxidizers quarterly progress report, mar. 1 - jun. 1, 1965	1965
19650065607	Investigation of a high-energy monopropellant annual summary report, may 1 - oct. 31, 1964	1965
19650065608	Characterization and evaluation of light metal hydrides quarterly progress report no. 7, 1 feb. - 30 apr. 1965	1965
19650065609	Delta modulation techniques for high frequency analog signals	1965
19650065610	Production, isolation and identification of the fo, fo2 and fo3 radicals quarterly progress report, 1 apr. - 30 jun. 1965	1965
19650065612	Basic research in solid oxygen oxidizers second annual summary report, 1 apr. 1964 - 1 apr. 1965	1965
19650065613	A study of aerospace ground equipment for large rocket systems. military age systems advanced planning handbook. volume ii- mission and vehicle systems data	1965
19650065614	Research on advanced solid propellants quarterly progress report, mar. 11 - jun. 10, 1965	1965
19650065617	Design and development of a. distance measuring device monthly progress report, 1 - 31 jan. 1965	1965
19650065620	Research on increased red sensitivity trialkaline photocathodes quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650065621	Multiple total reflection photocathode studies interim technical report, 1 jan. - 31 mar. 1965	1965
19650065622	Annular nozzle program final report, 1 mar. - 31 jul. 1965	1965
19650065624	Critical reviews of the chemistry of advanced oxidizers and fuels tenth quarterly technical summary report, 1 jan. - 31 mar. 1965	1965
19650065625	Investigation of fundamental phenomena in hybrid propulsion fourth quarterly technical progress report, 1 mar. - 31 may 1965	1965
19650065626	Fundamental investigation of hypergolic ignition of solid propellants semiannual technical report no. 3, 1 nov. 1964 - 30 apr. 1965	1965
19650065627	Evaluation of pbep, a high-energy binder first quarterly report, 1 mar. - 31 may 1965	1965
19650065630	Basic chemical research for advanced storable liquid oxidizers seventh quarterly report.	1965
19650065634	High energy advanced throttling concept study technical report no. 3, 1 jan. - 30 apr. 1965	1965
19650065635	High energy propellant ingredient research technical report, 1 mar. - 31 may 1965	1965
19650065637	Evaluation of a high-energy solid propellant final technical summary report, 15 may 1963 - 15 mar. 1965	1965
19650065639	Advanced propellant synthesis	1965
19650065642	Design study of the ms-ii stage for the modified launch vehicle /mlv/ saturn v. volume ii- design data manual, ms-ii-1 stage final report	1965
19650065643	Design study of the ms-ii stage for the modified launch vehicle /mlv/ saturn v. volume iii- design data manual, ms-ii-2 stage final report	1965
19650065644	Design study of the ms-ii stage for the modified launch vehicle /mlv/ saturn v. volume v- seven-engine ms-ii-1 stage final report	1965
19650065645	Design study of the ms-ii stage for the modified launch vehicle /mlv/ saturn v. volume vii- briefing summary - cost analysis ms-ii final report	1965
19650065647	Satellites and probes program progress report, 1 - 31 jul. 1965	1965
19650065649	Study of resources required for mlv sat v-4/s/ and mlv sat v-4/s/-a, liquid/solid system integration. volume iii- mlv sat v-4/s/-a final report	1965
19650065650	Lunar-based radio astronomy experiments	1965
19650065651	Aerobee 350, flight hardware structural evaluation test results final report no. 736fr-1	1965
19650065652	Isis-x loads analysis report	1965
19650065653	Mission requirements of lifting systems - operational aspects. volume ii- system elements, recovery situations, recovery operations final report	1965
19650065654	Mission requirements of lifting systems - operational aspects. volume iii- recovery concepts and evaluation final report	1965
19650065655	Saturn v improvement study, ms-ivb-1 and ms-ivb-2. volume i- technical final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065657	The many-body problem and resonance in quantum mechanics <mehrkorperproblem und resonanz in der quantenmechanik<	1965
19650065658	The maximum consumption of oxygen in man subjected to a chronic hypoxia as an effect of a prolonged stay in the himalayas <il massimo consumo di ossigeno nell'uomo sottoposto ad ipossia cronica per effetto di un prolungato soggiorno nell'himalaya<	1965
19650065659	Manned mars and venus exploration study executive summary report	1965
19650065660	The three-dimensional separation of a plane incompressible laminar boundary layer produced by a circular cylinder mounted normal to a flat plate	1965
19650065661	Ka-60 panoramic camera final report	1965
19650065662	Microwave loss in a reflex plasma discharge	1965
19650065666	Collisionless non-linear coupling of electromagnetic waves near the electron gyro-frequency by plasma electrons	1965
19650065668	Electro-optical signal processing techniques for phased array antennas quarterly progress report, jan. 1 - mar. 31, 1965	1965
19650065669	Minuteman producibility study no. 2-a- beryllium isopressing for stable elements final report	1965
19650065670	Minuteman producibility study no. 8- thermal treatments for beryllium final report	1965
19650065671	Investigation of liquid crystals for vapor identification 6th letter report	1965
19650065674	Study of wide-band parametric amplifiers and converters	1965
19650065675	Wind tunnel investigation of the ids 6310 sled at transonic speeds	1965
19650065676	Thermochemistry of selected compounds quarterly letter report, 15 feb. - 15 may 1965	1965
19650065677	Study to determine the practicability of using demineralization to treat boiler make-up water	1965
19650065678	A metallurgical evaluation of various commercial infiltrated tungsten materials in air and nitrogen plasmas	1965
19650065680	Rationale for an air force standard unit record format final report	1965
19650065681	Hot gas actuator final technical summary report	1965
19650065682	Preliminary evaluation of 22 commercial structural adhesives	1965
19650065683	Modified hot gas actuator final technical report	1965
19650065684	Heat treatment by molten glass interim engineering progress report, 1 apr. - 30 jun. 1965	1965
19650065685	Sensitivity of propellant systems quarterly report, apr. 1 - jun. 30, 1965	1965
19650065686	A multiple-signal environment simulator /microwave/	1965
19650065687	Measured parameters of developmental gridistor devices	1965
19650065688	High power dummy load third quarterly report, 31 dec. 1964 - 31 mar. 1965	1965
19650065689	The species and composition of dilute alkali metal-ammonia solutions, i	1965
19650065690	Review of climatological influences on the deterioration of ice and snow	1965
19650065691	An eight-channel scanning digitizer	1965
19650065692	Mission requirements of lifting systems - operational aspects. volume i- summary final report, nov. 1964 - jun. 1965	1965
19650065693	Mission requirements of lifting systems - operational aspects. volume iv- recovery concept comparisons final report	1965
19650065694	Improved delta flight failure mode probability analysis, model dsv-3e	1965
19650065695	Aerobee nasa 4.105 np /nasa 146-3/, /30 june 1965/ meteorological data report	1965
19650065696	Aerobee nasa 4112 na /29 june 1965/ meteorological data report	1965
19650065699	Design study of the ms-ii stage for the modified launch vehicle /mlv/ saturn v. volume iv- cost analysis summary final report	1965
19650065700	ALSS Payloads Volume II Book 1 System Design Final Report	1965
19650065701	ALSS Payloads Volume II Book 2 Mobility Systems (Part 3 Appendix C) Final Report	1965
19650065702	ALSS Payloads Volume II Book 3 Cryogenic Storage and Supply Final Report	1965
19650065703	ALSS Payloads Volume II Book 4 Cabin Systems Final Report	1965
19650065704	ALSS Payload Volume II Book 6 Power Systems (Part I: Sections 1 to 4 and Appendix A) Final Report	1965
19650065705	ALSS Payloads Volume II Book 7 Astrionics Systems (Part I- Sections 1 and 2) Final Report	1965
19650065706	ALSS Payloads Volume II Book 7 Astrionics Systems (Part 2 Sections 3 to 5 and Appendices) Final Report	1965
19650065707	ALSS Payloads Volume II Book 8 Tiedown and Unloading Systems Final Report	1965
19650065708	ALSS Payloads Volume II Book 9 Ground Support Equipment Final Report	1965
19650065709	Alss payloads. volume ii, book 10- system analysis final report	1965
19650065710	ALSS Payloads Volume II Book 12 System Specifications Final Report	1965
19650065711	ALSS Payloads Volume II Book 13 Lunar Flying Vehicle Integration Final Report	1965
19650065712	ALSS Payloads Volume III Local Scientific Survey, Module Conceptual Design Final Report	1965
19650065713	ALSS Payloads Volume IV Mobility Test Article Final Report	1965
19650065714	ALSS Payloads Volume V Book 1 Molab Resources Plan Summary Final Report	1965
19650065715	ALSS Payloads Volume V Book 2 Management and Design Plan Final Report	1965
19650065716	ALSS Payloads Volume V Book 3 Manufacturing and Quality Control Plan Final Report	1965
19650065717	ALSS Payloads Volume V Book 4 Test Plan Final Report	1965
19650065718	Alss payloads. volume v, book 5- facilities plan final report	1965
19650065719	ALSS Payloads Volume V, Book 7- Cost Plan Final Report	1965
19650065720	ALSS Payloads Volume V, Book 6- Schedule Plan Final Report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065721	Dynamic stability of a parachute point-mass load system final report, apr. 1963 - aug. 1964	1965
19650065722	Myoelectric servo control, volume ii final report, 1 jan. 1963 - 31 mar. 1964	1965
19650065724	A voltage-tunable noise generator	1965
19650065725	Properties of plastics and related materials at cryogenic temperatures	1965
19650065727	Study of heating in regions of interfering flow fields monthly technical report no. 13	1965
19650065728	Study of heating in regions of interfering flow fields monthly technical report no. 14	1965
19650065731	A bibliography of low energy electron collision cross section data	1965
19650065732	Properties of photodetectors	1965
19650065737	Plasma-injection vacuum energy diverter /crowbar/ third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650065738	Test of gemini fuel battery section to manned orbiting laboratory mission power requirements technical report, feb. - may 1965	1965
19650065739	General vibration code	1965
19650065740	Mechanisms associated with long time creep phenomena. part i- presentation of creep data and structural analysis technical report, mar. 1961 - jul. 1964	1965
19650065741	Image evaluation program	1965
19650065742	Transmission testing of modified tsec/hy-2 /v-1/ channel vocoder final report, 13 sep. 1963 - 15 feb. 1965	1965
19650065745	Calibration of optical satellite observations by short arc solution for station coordinates	1965
19650065746	Momentum integral solution for shock tube test time	1965
19650065747	Anisotropic glass fibers and property- composition relationships technical report, 1 jun. 1964 - 31 may 1965	1965
19650065749	Fundamental investigation of the degradation of hydrocarbon fuels second quarterly report, 16 may - 16 aug. 1965	1965
19650065750	High voltage breakdown study second quarterly progress report, 16 feb. - 15 may 1965	1965
19650065751	The hypersonic lateral-directional dynamics of lifting reentry vehicles final report	1965
19650065752	Kearfott leveler f 2412, additional experiments	1965
19650065753	Course of thermal decomposition of explosives exposed to gamma radiation	1965
19650065754	Photolysis of c2f3i in the presence of no and o2	1965
19650065755	A summary of current research in the microwave research institute programs progress report no. 27, 1 oct. 1964 - 31 mar. 1965	1965
19650065757	Research and development program intrinsic reliability subminiature ceramic capacitors twelfth quarterly progress report, 1 mar. - 31 may 1965	1965
19650065758	Paramagnetic relaxation in holmium-and dysprosium-ethyl sulfate	1965
19650065760	Experimental research to determine the feasibility of a colloid thruster	1965
19650065761	Thermodynamic data for ionized combustion products	1965
19650065762	The modified biconical horn millimeter wave antenna	1965
19650065763	Wind tunnel tests to determine the longitudinal and lateral static stability and control characteristics of an unmanned folding delta wing hypersonic glider at mach numbers of 4.81 and 6.88	1965
19650065764	Use of optical masers in displays and printers final report, 24 nov. 1964 - 23 may 1965	1965
19650065765	Research into new approaches for vhf filter crystals seventh quarterly report, 16 jan. - 15 apr. 1965	1965
19650065766	Low magnetic saturation garnets first quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650065767	Investigation of applicability of acoustic emission technical report, 15 mar. 1964 - 15 mar. 1965	1965
19650065768	Comparative evaluation of usaf standard a/p22s2 and improved a/p22s-2a high altitude, full pressure flying outfits	1965
19650065769	Characterization of pbi fibers interim progress report, 1 jun. - 8 aug. 1965	1965
19650065770	Airborne instrumentation platform /aip/ interim report, oct. 1, 1964 - apr. 1, 1965	1965
19650065771	Computed high temperature rate constants for h-atom transfers involving the light elements	1965
19650065772	Prediction and determination of toxic gases produced by propellant actuated devices	1965
19650065773	Experiments on the thermal performance of ribbon parachutes	1965
19650065774	Weapon system effectiveness industry advisory committee /wseiac/ final summary report	1965
19650065775	Study of the mechanisms of pyrolytic deposition	1965
19650065776	Unique phototape sensor configurations	1965
19650065778	Composite ceramic radome manufacture by mosaic techniques interim engineering progress report, 1 may - 31 jul. 1965	1965
19650065779	Weldability of tantalum alloys progress report, dec. 1, 1964 - feb. 28, 1965	1965
19650065781	Cell equalization techniques quarterly technical progress report, 1 may - 1 aug. 1965	1965
19650065782	Development of a 1200 deg f radome interim engineering report, 1 may - 31 jul. 1965	1965
19650065783	Development of experimental electronically tuned decade bandwidth receiver technical report no. iv	1965
19650065785	Diffusion and dispersed phases in refractory metal systems technical documentary report, 1 mar. 1963 - 31 mar. 1964	1965
19650065790	Research directed to the determination of sub-surface terrain properties and ice thickness by pulsed vhf propagation methods final report, jul. 1963 - 15 may 1964	1965
19650065792	Thermal conductivity-temperature relationship for nine glass and asbestos fiber-reinforced aircraft plastics	1965
19650065793	Spatial variations of the inner zone trapped proton spectrum	1965
19650065794	Apollo logistic support systems molab studies. section 2- task report on mission operational aspects study	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065798	Apollo logistic support systems molab studies. section 6- task report on radiator study	1965
19650065806	Research and investigation on satellite attitude control. part i.a- summary. part i.b- design guide technical report, jan. 1963 - apr. 1964	1965
19650065807	Research and experimental investigation of liquid metal, nak-77, for application in flight control systems. volume i- investigation of applications, components and experimental system technical report, mar. 1963 - sep. 1964	1965
19650065808	An extended integral method for calculating separated flow fields technical report no. 64-20	1965
19650065809	A study to determine environments required to simulate design conditions on structures for future aerospace vehicles	1965
19650065810	Research and investigation of redundancy techniques for nonelectronic elements technical report, feb. 1964 - apr. 1965	1965
19650065811	Ultrasonic studies of the nonlinear properties and of the deformation of solids technical report, jan. 1 - dec. 31, 1964	1965
19650065812	A study of the factors affecting the decomposition of the intermediate phase ti3al technical report, 1 feb. 1963 - 31 jul. 1964	1965
19650065813	Evaluation of aircraft experimental fasteners summary technical report, 13 mar. 1964 - 1 jan. 1965	1965
19650065814	X-ray diffraction analysis of single crystal tib2 using schieltz's graphical solution technical report, nov. 1963 - dec. 1964	1965
19650065815	Evaluation of large titanium alloy forgings technical report, 1 jul. 1964 - 30 jun. 1965	1965
19650065816	Development of high performance porous tung- sten ionizers final report, 15 apr. 1964 - 15 may 1965	1965
19650065817	Beryllium-rich end of five binary systems technical report, 15 jun. 1963 - 15 feb. 1965	1965
19650065818	Notch stress theory technical report, 1 may 1962 - 30 apr. 1964	1965
19650065819	The relationship between plastic deformation and fracture in alpha titanium technical report, jun. 1964 - jun. 1965	1965
19650065820	Complex shapes by slip casting final report, 1 feb. 1964 - 15 jul. 1965	1965
19650065821	A study on the performance potential of conventional and shear force pumps	1965
19650065822	Solid-state digital scanning of mosaic sensors final report, jun. 1, 1964 - may 31, 1965	1965
19650065823	Shaped field hollow beam electron guns for intermediate and high power traveling wave tubes technical report, 15 may 1964 - 15 may 1965	1965
19650065824	Short-pulsed gamma radiation effects on dynamic electronic components final report, mar. 23, 1964 - jan. 31, 1965	1965
19650065825	Effects on nuclear radiation on the behavior and structure of selected organic materials technical report, 1 oct. 1963 - 25 mar. 1965	1965
19650065826	Investigation of two-carrier injection electroluminescence scientific report no. 3, oct. 1, 1964 - may 31, 1965	1965
19650065827	Research leading to the development of a hydrogen-air fire and explosion detection system for aerospace vehicles technical report, 15 apr. - 15 dec. 1964	1965
19650065828	Laser /optical maser/ beam fusion welding interim engineering progress report, 1 may - 31 jul. 1965	1965
19650065831	Precision radar investigation third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650065832	Airborne spectral reconnaissance final technical report	1965
19650065833	Proceedings of the first joint nrd/esd calibration conference. volume ii- calibration of range instrumentation	1965
19650065834	Mechanisms of light-metal hydride reactions annual report, 1 jul. 1964 - 31 may 1965	1965
19650065836	Particle dynamics in plug and reverse flow nozzles first quarterly technical progress report, 1 feb. - 1 may 1965	1965
19650065840	Theoretical investigation of high-energy metastable compounds interim summary report	1965
19650065841	Use of a displaced-phase-center dual-antenna system to determine the along-track velocity of an aircraft	1965
19650065845	Fundamental research on the direct fluorination of organic compounds quarterly progress report, mar. - jun. 1965	1965
19650065846	Improved insulators for rocket motors quarterly progress report, mar. 1 - may 31, 1965	1965
19650065848	Snap-23 - terrestrial radioisotope fueled thermoelectric power supply system quarterly report no. 4, 1 may - 31 jul. 1965	1965
19650065851	Compilation of Shock, Vibration, and Acoustic Data from Titan Vehicles. Volume I - Titan I and II Structural Descriptions, Trajectory Data, and Instrumentation Systems	1965
19650065854	Investigation of hermetically sealed maintenance-free, high rate, nickel-cadmium batteries for aircraft applications quarterly technical progress report	1965
19650065855	Gamma-emission data for the calculation of exposure rates from nuclear debris. volume 1- fission products	1965
19650065856	Reinforced plastic magnetic tape final report, section 1, 1 jan. - 1 nov. 1964	1965
19650065857	Investigation of photopolymerization process quarterly report, 14 mar. - 13 jun. 1965	1965
19650065858	Ceramic resonator material for i.f. filters quarterly progress report, 1 mar. - 31 may 1965	1965
19650065859	Development of economic quantity/quality manufacturing methods for a turntable x-band coaxial magnetron interim engineering progress report, 1 apr. - 1 jul. 1965	1965
19650065860	Lithium anode limited cycle battery investiga- tion quarterly technical progress report	1965
19650065861	Infrared horizon sensors iria state-of-the art report	1965
19650065862	Automated solution of combined interference matrices final report, 15 jun. 1964 - 14 jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065863	Development of manufacturing processes for a lightweight heat transfer system interim engineering progress report, 1 may - 31 jul. 1965	1965
19650065864	Snap-50/spur quarterly technical progress report, apr. 1 - jun. 30, 1965	1965
19650065866	Metal-organic compounds for vapor-plating applications quarterly progress report no. 6, 1 nov. 1964 - 31 jan. 1965	1965
19650065868	High temperature grease for high speed ball and roller bearings technical report, feb. 1, 1964 - jan. 31, 1965	1965
19650065869	Dynamics of liquid-filled shell- resonance and effect of viscosity	1965
19650065870	Payload fairing debris and contamination control report. volume iii- analysis	1965
19650065871	Effects of welding on fatigue behavior of hy-100 steel quarterly report, 1 sep. - 1 dec. 1964	1965
19650065872	Production tool for diffusion bonding quarterly progress report no. 2, 1 may - 31 jul. 1965	1965
19650065873	Design techniques for structurally supported radomes interim engineering report, 1 jul. - 1 aug. 1965	1965
19650065874	Capability and cost study for component and model test facility phase iii, supplement 5, off-design performance of the component and model test facility exhauster system technical report, dec. 16, 1963 - jan. 1, 1965	1965
19650065879	Small diameter, thin walled columbium tubing program interim report, 15 apr. - 15 jul. 1965	1965
19650065880	Feasibility study of a synthetic speech signal test set final report, jun. 1964 - mar. 1965	1965
19650065881	Semi-rigid or non-rigid structures for re- entry applications interim engineering progress report, 16 mar. - 15 jun. 1965	1965
19650065882	A research investigation of the factors that affect the superconducting properties of materials progress report, 16 nov. 1964 - 15 may 1965	1965
19650065883	Microminiature rate sensing technique final report, feb.-dec. 1964	1965
19650065884	Design and construction of high-field compression and transfer coil systems for a magnetic mirror machine technical report, feb. 1962 - aug. 1963	1965
19650065885	Ammonia production feasibility study final technical report, 29 oct. 1964 - 26 feb. 1965	1965
19650065886	Research on dielectrics for microwave electron devices third quarterly progress report, 1 apr. - 30 jun. 1965	1965
19650065887	Rigidization techniques for integrally woven composite constructions eighth quarterly report, 1 apr. - 30 jun. 1965	1965
19650065888	Photolysis of low temperature glasses. ii- temperature and oxygen effects in ethanol and ether	1965
19650065889	Expandable structures design handbook technical documentary report, 15 jul. 1962 - 12 jul. 1963	1965
19650065890	Total analysis of metallic ions by thin - layer chromatography	1965
19650065891	Protective launchers for missiles and rockets	1965
19650065892	Explicit tangent-steering guidance equations for multi-stage boosters	1965
19650065893	Investigation of chemically sprayed thin-film photovoltaic cells technical summary report, 15 may 1964 - 15 may 1965	1965
19650065894	A summary of digital-transducer developments and techniques	1965
19650065897	Nonresonant scattering	1965
19650065898	Failure mechanisms at metal-dielectric interfaces final technical report, 6 dec. 1963 - 5 dec. 1964	1965
19650065899	Development of a titanium alloy foil and sheet rolling process interim engineering progress report, 1 may - 31 jul. 1965	1965
19650065900	Photoemission through thin film dielectrics final report, mar. 1964 - apr. 1965	1965
19650065901	High temperature thermoelectric research quarterly progress report, may - jul. 3 may - 30 jul. 1965	1965
19650065902	Lithium-nickel halide secondary battery investigation quarterly technical progress report, period ending jun. 15, 1965	1965
19650065903	Diffusion bonded titanium alloy honeycomb panels interim engineering progress report, 1 may - 31 jul. 1965	1965
19650065904	Biodynamics of microecosystems second semiannual report, jan. 23 - jun. 23, 1965	1965
19650065905	Study of high power transmitting tubes above x-band third quarterly progress report, 1 jan. 1964 - 31 mar. 1965	1965
19650065906	Orbit perturbations due to solar radiation pressure	1965
19650065908	Ternary phase equilibria in transition metal-boron-carbon-silicon-systems progress report, 15 sep. 1964 - 15 feb. 1965	1965
19650065910	Research to determine the mechanisms control- ling the brittle-ductile behavior of refrac- tory cubic carbides technical documentary report, 1 jan. - 31 dec. 1964	1965
19650065912	Mechanical and physical properties of super alloy and coated refractory alloy foils technical report, 15 may 1963 - 15 mar. 1965	1965
19650065913	"shore-catch" - a heat transfer digital computer program user's manual	1965
19650065914	A study of aerospace ground equipment for large rocket systems. military age systems advanced planning handbook. volume i- age systems data	1965
19650065916	Stress corrosion cracking in martensitic high strength steels technical documentary report, feb. 1963 - jun. 1964	1965
19650065917	Thermal decompositions of 2-azidobenzylidene- amines and benzylidene-2-azidoanilines	1965
19650065918	Photolysis of fluorotrichloromethane	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650065919	A compilation of critically evaluated electron impact ionization cross section data for atoms and diatomic molecules	1965
19650065921	Development of manufacturing methods for deposition forming interim progress report, 1 may - 31 jul. 1965	1965
19650065922	Aviation and cosmonautics, no. 1, 1965	1965
19650065924	ALSS Payloads Condensed Summary Report	1965
19650065926	Investigation of growth of single crystal films on dielectric substrates quarterly progress report, 1 oct. 1964 - 1 jan. 1965	1965
19650065927	Development of joining techniques for td- nickel interim progress report, may 1 - aug. 1, 1965	1965
19650065930	A finite difference method solution of non-linear, equilibrium and non-equilibrium air boundary layer equations with laminar and turbulent viscosity models. part iii- input manual	1965
19650065931	Imidazole dyestuffs. part iv- condensation of o-phenylenediamine with phthalic anhydride <imidazolfarbstoffe. iv- kondensation von o-phenylendiamin mit phthalanhydrid>	1965
19650065932	Tropical meteorological satellite analyses- analysis and forecasting techniques utilizing meteorological satellite data final report, part a	1965
19650065933	Lifting entry vehicle handling qualities research - 1964	1965
19650065936	Basic research in microwave devices and quantum electronics quarterly progress report no. 8, feb. 1 - may 1, 1965	1965
19650065938	Status of refractory alloy tubing - 1964	1965
19650065939	Parametric study of non-equilibrium laminar boundary layers over conical bodies. part ii- pointed and blunt 10 deg cone, v infinity equals 22,000 fps, altitude equals 150,000 feet	1965
19650065940	Aqueous electrolytic solutions under high hydrostatic pressure	1965
19650065944	Radio meteor project quarterly status report no. 10, may 1 - jul. 31, 1965	1965
19650065946	The separation of trace impurities from lithium sulphate by solvent extraction	1965
19650065947	Non-viscous flow at the leading edges of wings by ejecting another gas	1965
19650065948	Effects of reproducible magnetic fields on the growth of cells in culture first quarterly report, 1 may - 31 jul. 1965	1965
19650065949	Tiros viii attitude summary /orbits 1-4000/, volume i first technical summary report, 21 dec. 1963 - 22 sep. 1964	1965
19650065950	Studies on adaptation to prolonged deep hypo- thermia by rats and its relation to hiberna- tion semiannual status report, 1 dec. 1964 - 31 may 1965	1965
19650065956	Terminal homing instrument. volume iii- test results technical report, 1 sep. 1964 - 1 may 1965	1965
19650065976	Development of a propellant containing a high energy oxidizer ninth monthly status report, 1 - 28 feb. 1965	1965
19650065979	The synthesis of stable perfluorinated fluids final summary report, 1 oct. 1963 - 30 sep. 1964	1965
19650065980	Aerospace ceramics - characteristics and design principles final report, jan. 1964 - apr. 1965	1965
19650065981	A review of the mechanical properties data center operation and expansion technical report, 1 mar. 1961 - 28 feb. 1965	1965
19650065982	Influence of vibrational energy on metal- working processes final technical report, 4 apr. 1963 - 2 apr. 1965	1965
19650065983	Improvement of medium flowrate filters technical report, 18 mar. 1964 - 7 may 1965	1965
19650065984	Tree analyses of selected circuits technical report, dec. 1964 - mar. 1965	1965
19650065985	Analytical methods and fundamental parameters for predicting responses of electronic circuits to transient nuclear radiation, with application to hardened circuit design	1965
19650065986	Experimental verification of the analyses and computer programs concerning heat transfer through semitransparent materials technical report, apr. 1964 - jun. 1965	1965
19650065987	Applied research on efficiency improvement in crossed-field traveling wave tubes technical report, apr. 1964 - apr. 1965	1965
19650065988	Improved quantum efficiency laser detectors technical report, jun. 1, 1964 - jun. 1, 1965	1965
19650065990	Growth and preferential doping of zircon and thorite	1965
19650065991	Series solutions for shock tube laminar boundary layer and test time	1965
19650065992	Mode selection properties of segmented-rod giant pulse lasers	1965
19650065993	Measurement properties of the chirp signal	1965
19650065995	Study of low frequency noise and deterioration in semiconductor devices final report	1965
19650065998	Some aerodynamic effects of varying the body length and head length of a spinning projectile	1965
19650065999	Study and fabrication of a solid- refrigeration superinsulation cooling system third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650066001	Development of ultrasonic welding equipment for refractory metals interim technical progress report, 13 may - 13 aug. 1965	1965
19650066002	Measurement in therapeutic assessment symposium, london 3-4 may 1965	1965
19650066003	On n-halogen - amidine. first communication- production and properties of n-chloroform- amidine and n-chloroacetamidine	1965
19650066004	Technological Development of Throttling a Hybrid Propulsion System Eighth Monthly Letter Report, 1 - 31 May 1965	1965
19650066005	Suppression of secondary emission by the "cylinders method" <suppression de l'emission secondaire par la 'methode des cylindres'>	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066006	Reusable Orbital Transport, Second Stage. Parametric and Analytical Studies and Vehicle Subsystems, Volume III Detailed Technical Report	1965
19650066007	Development of a 1,500,000-lb-Thrust (Nominal Vacuum) Liquid Hydrogen/liquid Oxygen Engine Monthly Technical Progress Report, 1-30 Apr. 1965	1965
19650066010	Development of a 1,500,000-lb-Thrust (Nominal Vacuum) Liquid Hydrogen/liquid Oxygen Engine Monthly Technical Progress, 1 - 31 May 1965	1965
19650066012	Simulated High Altitude Testing of a Flightweight TE-364-1 Solid-Propellant Retrograde Rocket Motor for the Surveyor Lunar Spacecraft (Phase II-Quality Testing) (Motor S/N A21-18)	1965
19650066018	Research on the application of chemical protective substances in clothing materials first four-month progress report, 2 oct. 1964 - 2 feb. 1965	1965
19650066021	Airborne automatic target-stabilized tracker study final report	1965
19650066037	Large solid motor design commonality for space booster applications	1965
19650066039	A modular-drive submarine sonar transmitter/ amplifier	1965
19650066042	Test results, environmental and ballistic evaluation of hfc armor for ch-34 helicopter final report	1965
19650066045	Altitude performance of a multi-rocket engine nozzle ejector /rene/ system. phase ii- performance mapping of a selected ejector configuration	1965
19650066047	Feasibility of design of omega antennas by ferrite-loading technique	1965
19650066050	Design for a portable injection laser commu- nication system	1965
19650066051	Human engineering data and concepts for handling advanced nuclear systems in space. volume ii- detailed technical report, book 1	1965
19650066052	Human engineering data and concepts for handling advanced nuclear systems in space. volume ii- detailed technical report, book 3	1965
19650066053	An x-ray diffraction method for studying small diffusion zones	1965
19650066054	Human engineering data and concepts for handling advanced nuclear systems in space. volume i- summary technical report	1965
19650066055	Human engineering data and concepts for handling advanced nuclear systems in space. volume ii- detailed technical report, book 2	1965
19650066056	Human engineering data and concepts for handling advanced nuclear systems in space. vol. ii- detailed technical report, book 4	1965
19650066061	Design, fabrication, and testing of pressurization and propellant feed ducting systems progress report no. 9, 1-31 mar. 1965	1965
19650066062	Lunar Survey Viewfinder. Volume III- Preliminary Program Definitions Final Report	1965
19650066063	Lunar survey viewfinder, summary volume final report	1965
19650066064	Polychromatic terrain imaging	1965
19650066066	A sudden change in the solar wind pressure and the outer region of the magnetosphere	1965
19650066069	Investigation of the boron phosphide system interim engineering report no. 3, 12 feb. - 12 may 1965	1965
19650066070	Large solid-propellant boosters explosive hazards study program status report no. 9, 1 - 28 feb. 1965	1965
19650066071	Ductile coatings for columbium alloys, phase 1 quarterly progress report no. 2, 1 nov. 1964 - 31 jan. 1965	1965
19650066072	Determination of mechanical and thermophysical properties of refractory metals quarterly progress report, dec. 1964 - feb. 1965	1965
19650066074	Projects dealing with advanced electron device technology status report no. 86	1965
19650066075	Planning guide for computer program develop- ment	1965
19650066076	Feasibility of an optical periscope for use with liquid rocket thrust chambers final report	1965
19650066077	Perchloric acid- a review of the physical and inorganic chemistry	1965
19650066078	The pyrolysis of some composite propellant fuel binders	1965
19650066079	Low-activity air traffic control tower communications equipments final report	1965
19650066081	Pulse compression optical ranging study third quarterly progress report, 15 dec. 1964 - 14 mar. 1965	1965
19650066082	Development of slurry coatings for tantalum, columbium, and molybdenum alloys progress report no. 3, 1 oct. - 31 dec. 1964	1965
19650066083	Study of conjunction class manned mars trips. part i- technical details	1965
19650066084	A semi-classical theory of capture collisions between ions and polar molecules	1965
19650066085	Saturn v improvement study. liquid/solid system integration. volume iii- appendix to volume ii final report	1965
19650066086	<electromagnetic wave propagation in magneto- plasmas, plasma diffusion, and plasma phase shifts-> semiannual status report no. 11, 1 nov. 1964 - 30 apr. 1965	1965
19650066087	Midterm briefing of interplanetary mission support requirements, volume i	1965
19650066088	Study of conjunction class manned mars trips, technical details, part ii	1965
19650066089	Study of conjunction class manned mars trips	1965
19650066091	A magnetogasdynamic power generation study quarterly progress report no. 2	1965
19650066092	Measurement of high energy neutron flux in space progress report, nov. 1, 1964 - apr. 30, 1965	1965
19650066093	System test objectives for polar orbiting geophysical observatory /ogo-c/ project	1965
19650066094	Ms-ic stage for modified launch vehicle /mlv/ saturn v, volume i	1965
19650066095	Experimental heat transfer distributions /lockheed parallel development program/ supporting report no. r.o.t. iv-2	1965
19650066096	Manufacturing, gse/mse, and facility requirements. ms-1c stage for modified launch vehicle /mlv/ saturn v, volume 6	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066097	Study of resources required for mlv sat v-4/s/ and mlv sat v-4/s/a, liquid-solid system integration. volume iv- cost plan final report	1965
19650066098	Ageing effects in thin anodic oxide films on au in hclo4	1965
19650066099	Proposal for a solar radio burst experiment for ats-d&e	1965
19650066101	System design and analysis study- ground accelerator supporting report r.o.t. 11-2	1965
19650066102	Cost analysis. ms-ic stage for modified launch vehicle /mlv/ saturn v, volume 8	1965
19650066103	Meteorological rocket network firings. volume xl- december 1964 firings data report	1965
19650066104	Spectrophotometric evaluation of circular variable filters	1965
19650066105	Fluid mechanics in england, part ii	1965
19650066106	Fiber-reinforced metallic composite materials, phase ii interim engineering progress report, 1 may - 31 jul. 1965	1965
19650066108	Air force evaluation of the lear jet model 23 aircraft final report	1965
19650066109	Research on extruding, drawing and heat treating of titanium interim engineering progress report, 1 may - 31 jul. 1965	1965
19650066110	Aerospace structural metals handbook quarter- ly progress report no. 5, 1 apr. - 1 jul. 1965	1965
19650066111	Design studies of a reusable orbital trans- port, first stage final summary technical report	1965
19650066113	Manned mars and/or venus flyby vehicle systems study. volume 5- reliability analysis final report	1965
19650066114	An experimental investigation of combustion stability characteristics at high chamber pressure interim report, 1 jul. 1964 - 30 jun. 1965	1965
19650066116	Structural design criteria for manned lifting entry vehicles	1965
19650066117	Saturn v improvement study. liquid/solid system integration. volume i- summary report final report	1965
19650066118	Mars landing and reconnaissance mission environmental control and life support system study. volume 3- system studies final report, 15 jul. 1963 - 15 mar. 1964	1965
19650066119	Lunar survey viewfinder. volume i. summary technical analyses and trade-off studies final report	1965
19650066120	Lunar survey viewfinder. volume ii- detailed analyses of preliminary systems criteria requirements and specifications final report	1965
19650066121	Molab structural design criteria	1965
19650066122	Apollo spacecraft bp-13- a chronology of technical progress at kennedy space center	1965
19650066124	Improved delta lethal area report, model dsv-3e	1965
19650066126	Saturn improvement study, ms-ivb-1 and ms-ivb-2. volume v- summary report /final/	1965
19650066127	A study of magnetic and acoustic excitations at microwave frequencies in solids quarterly progress report no. 1, 1 may - 31 jul. 1965	1965
19650066128	Aerobee 350 roll lock-in study final report, 15 mar. - 15 may 1965	1965
19650066129	Alss payloads. volume i- program summary final report	1965
19650066130	Manufacturing process development for high strength steels. phase ii- process development 18ni-co-mo maraging and 9ni-4co quench and temper high strength steels interim engineering progress report, 1 jan. - 1 may 1965	1965
19650066131	Velocity instrumentation in the carde aeroballistic range	1965
19650066132	Electronic components at 10,000 psi	1965
19650066135	An automated procedure for the precise determination of microgram quantities of water in organic liquids	1965
19650066136	Evaluation of a mathematical model for use in computing control load at atc facilities final report	1965
19650066139	Propagation of sound in air bibliography with abstracts	1965
19650066140	Preliminary measurements of pressure fluctua- tions in a shear layer with zero mean velocity	1965
19650066141	An experimental investigation of the adaptive potential of species of populations of mammals for withstanding environmental stressors semiannual status report, 1 jan. - 30 jun. 1965	1965
19650066142	Biological experiments in space- psycho- cardiovascular reactions during conditions of weightlessness in an orbiting satellite semi- annual status report, 30 sep. 1964 - 31 mar. 1965	1965
19650066143	A study of orbital research laboratory and logistic spacecraft checkout requirements summary report	1965
19650066144	A study of orbital research laboratory and logistic spacecraft checkout requirements final report	1965
19650066146	Research on bearing lubricants for use in high vacuum annual summary report, 23 may 1964 - 22 may 1965	1965
19650066147	Human engineering data for advanced ground support operations with nuclear space systems. volume 1- summary technical report	1965
19650066149	Investigation of defects in ge single crystals by means of dynamic x-ray interference effects <badanie defektow w monokrysztalach ge za pomoca dynamicznych efektow interferencji promieni x<	1965
19650066150	The high-frequency containment of plasma <hochfrequente halterung des plasmas<	1965
19650066152	Development of composite structural materials for high temperature applications progress report, 23 nov. 1964 - 22 feb. 1965	1965
19650066153	Performance characteristics of the buships parent hydrofoil	1965
19650066154	Research on physical and chemical principles affecting high temperature materials for rocket nozzles, volume ii final report	1965
19650066155	A sensitive ac potentiometer for galvanomag- netic measurements	1965
19650066156	Galvanomagnetic measurements	1965
19650066157	The elastic properties of polycrystalline tungsten, 24 deg c - 1800 deg c	1965
19650066158	Single-crystal elastic properties of tungsten, 24 deg c - 1800 deg c	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066159	A high temperature furnace for quantitative x-ray intensity measurements	1965
19650066160	Thermal expansion and atomic vibration amplitudes for tic, tin, zrc, zrn, and pure tungsten	1965
19650066161	High temperature thermal expansion of certain group iv and v carbides	1965
19650066162	Static atomic displacements resulting from vacancies in defect structures of tin x	1965
19650066163	High-temperature thermal expansion of certain group iv and group v diborides	1965
19650066164	High temperature thermal conductivity measurements. theory of longmire's method and the rectangular bar method	1965
19650066165	High temperature thermal conductivity. the rectangular bar method, experimental techniques	1965
19650066166	Some physical measurements on hot-pressed hafnium carbide	1965
19650066167	Measurement of thermal conductivity and electrical resistivity of an highly anisotropic zt-type graphite at high temperatures	1965
19650066168	High temperature, steady state creep rate in single-crystal mgo	1965
19650066169	High temperature creep of polycrystalline refractory carbides	1965
19650066170	Advanced fabrication processes for functional electronic blocks final report, oct. 1962 - apr. 1965	1965
19650066171	Development of coated superalloy components for gas turbine engine applications third quarterly progress report, 1 jan. - 1 apr. 1965	1965
19650066173	An improvement and generalization of the method of blaess for numerical integration of ordinary differential equations	1965
19650066174	Lasers for training devices study bimonthly progress report no. 2	1965
19650066175	Low temperature starting evaluation of an airesearch model gtc 85-72 engine with jp-5 fuel conversion kit and various fuels final report, 28 aug. 1964 - 15 mar. 1965	1965
19650066176	Research on experimental heat of vaporization and enthalpy measurements of oxygen-nitrogen- argon mixtures quarterly progress report, 1 apr. - 30 jun. 1965	1965
19650066177	Research on experimental heat of vaporization and enthalpy measurements of oxygen-nitrogen- argon mixtures quarterly progress report, jan. 1 - mar. 31, 1965	1965
19650066179	Difunctional and polyfunctional perfluoroaromatic compounds	1965
19650066180	Electron microscope studies of the surface structure of filamentary crystals grown from iron chloride technical report, aug. 1963 - sep. 1964	1965
19650066181	Fluorescent penetrant inspection materials evaluation method development and comparative values technical report, jun. 1963 - dec. 1964	1965
19650066182	Synthesis and evaluation of poly/phenylene/ triazoles technical report, feb. 15, 1964 - feb. 15, 1965	1965
19650066183	Fatigue life data displayed by a single quantity relating alternating and mean stresses	1965
19650066184	Interdiffusion in cb-v alloys technical report, dec. 1962 - sep. 1963	1965
19650066185	Plane strain fracture toughness properties of three aluminum alloys as a function of specimen geometry	1965
19650066186	Surface passivation techniques for compound solid state devices final technical report, jun. 1, 1963 - may 31, 1965	1965
19650066187	Etch pit formation in iron whiskers technical report, may 1, 1964 - apr. 30, 1965	1965
19650066188	Research and investigation on satellite attitude control. part iii- power sources	1965
19650066189	Dynamic stability of a system consisting of a stable parachute and an unstable load technical report, apr. 1963 - may 1964	1965
19650066190	Hypersonic turbulent transpiration cooling including downstream effects	1965
19650066191	Directional effects of transient radiation on semiconductor devices- technical report, 17 aug. 1964 - 1 mar. 1965	1965
19650066192	Radiation-effects reliability and data analysis techniques technical report, 23 mar. 1964 - 23 mar. 1965	1965
19650066193	A dose-equated manikin for space radiation research technical report, sep. 1, 1964 - jul. 1, 1965	1965
19650066194	Solid-state laser explorations interim technical report no. 2, 16 may - 15 aug. 1965	1965
19650066195	Improved thin-film solar cells quarterly progress report, feb. 16 - may 15, 1965	1965
19650066196	Improved thin-film solar cells quarterly progress report, may 16 - aug. 15, 1965	1965
19650066197	Solid-state plasma microwave generators technical report, jun. 1, 1964 - may 31, 1965	1965
19650066198	Feasibility investigation of a moving belt radiator final report, 9 mar. 1964 - 9 mar. 1965	1965
19650066200	Mechanisms of work hardening in body centered cubic metals technical report, feb. 1, 1963 - jul. 15, 1964	1965
19650066201	Beryllium research and development program. identification of inclusions and precipitates in beryllium of different origins technical report, 1 oct. 1961 - 1 oct. 1963	1965
19650066203	Preliminary flight rating tests of two castor ii /tx354-3/ rocket motors at simulated altitude	1965
19650066204	High frequency telluric currents	1965
19650066205	Gyro torque coefficients	1965
19650066208	Feasibility study for the utilization of rocket sleds to determine the dynamic structural response of large scaled launch vehicles final technical report jul. 1, 1964 - jun. 30, 1965	1965
19650066209	On the nonlinear theory of sandwich shells final report	1965
19650066210	ALSS Payloads Volume II Book 5- Thermal Control and Life Support Systems Final Report	1965
19650066211	Plasma diagnostics study quarterly progress report no. 3, 1 apr. - 30 jun. 1965	1965
19650066212	Design and manufacture of digital converters, model no. 1368-a and 1368-c final report	1965
19650066213	Investigation of real-time displays - integration of automatic calibration system for vehicle instrumentation interim report	1965
19650066214	Structural integrity analysis of large solid propellant motor grains	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066217	Apollo earth orbit, preliminary experiment payload packages	1965
19650066219	Evaluation program for secondary spacecraft cells, acceptance test of general electric company 12.0 ampere-hour auxiliary electrode cells	1965
19650066220	Evaluation program for secondary spacecraft cells, acceptance test of gulton industries, inc. 6.0 ampere-hour adhydrode cells	1965
19650066222	Evaluation and demonstration of the use of cryogenic propellants /o2-h2/ for reaction control systems first monthly progress report	1965
19650066223	Numerical solution of inviscid hypersonic flows for nonequilibrium vibration and disso- ciation using an "artificial viscosity" method	1965
19650066224	Studies on shock wave pressure-time gauges. vi- evaluation of a selection of gauges of s.e.s. manufacture	1965
19650066225	Ch-3c category iii test final report, feb. 1964 - apr. 1965	1965
19650066226	A composite inner zone radiation environment	1965
19650066227	Precision frequency and/or time measurement technique study final report, jul. 1964 - may 1965	1965
19650066228	Decription and usage of general bending response code 1 /gbrcl/	1965
19650066229	Ion implantation junction techniques quarterly technical progress report, 16 may - 15 aug. 1965	1965
19650066230	International cooperative research program on tool wear /outline, objectives, and experimental procedures/ interim report	1965
19650066231	Space communications division 6 quarterly technical summary, 1 mar. - 31 may 1965	1965
19650066233	Tactical communication connector, research and development project, volume i third technical progress report, 1 dec. 1964 - 1 may 1965	1965
19650066234	Weapon system 133a program progress, research and development stage i minuteman motors status report, 1 apr. - 30 jun. 1965	1965
19650066235	Ku-band triode and cavity combination cw oscillator fourth quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650066236	Particle bombardment bonding and welding investigation second quarterly progress report, 15 mar. - 14 jun. 1965	1965
19650066237	Honeycomb ceramic radome techniques	1965
19650066241	X-22a tri-service v/stol aircraft monthly progress report no. 26, 1 - 31 jan. 1965	1965
19650066242	Development of protective coatings for tanta- lum base alloys quarterly progress report no. 7, 1 dec. 1964 - 28 feb. 1965	1965
19650066243	Xc-142a vtol transport program monthly progress report no. 38, feb. 1965	1965
19650066244	Lasers for training devices study bimonthly progress report no. 3	1965
19650066245	Characterization of ablative plastics and composites under environmental conditions of advanced reentry quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650066246	Air blast loading in the high shock strength region. part ii- prediction methods and examples final report	1965
19650066250	Design of wing sections for use near the ground	1965
19650066251	The determination of moisture in permanent gases, part i	1965
19650066252	Evaluation of testing techniques for filament wound composites quarterly progress report, 15 dec. 1964 - 14 mar. 1965	1965
19650066253	A study of structural limitations on servo performance final report, 1 apr. 1964 - 1 mar. 1965	1965
19650066254	Analysis of an horizon scanner autonomous orbital navigation system	1965
19650066255	Low frequency, large amplitude fluctuations of the laminar boundary layer	1965
19650066256	Large motor case technology evaluation progress report, 11 jun. - 11 sep. 1965	1965
19650066257	Investigation of the basic parameters affect- ing the properties of intermetallic compounds technical report, 11 feb. 1964 - 10 feb. 1965	1965
19650066258	Hybrid piezoelectric devices quarterly report, 16 feb. - 15 may 1965	1965
19650066265	Evaluation of some recent developments in liquid rocket propellants monthly letter report for dec. 1964	1965
19650066271	Combustion of high-energy solid propellants. volume i- progress to date first quarterly progress report, apr. 1 - jun. 30, 1965	1965
19650066272	Combustion of high-energy solid propellants. volume ii- literature survey first quarterly progress report, apr. 1 - jun. 30, 1965	1965
19650066273	Slurry fuel research program for advanced navy applications first quarterly progress report, 21 dec. 1964 - 31 mar. 1965	1965
19650066274	Dual-manifold injector research program final technical report, 15 jun. 1964 - 15 apr. 1965	1965
19650066275	A broad band crossed-field noise generator first quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650066276	Concept and design requirements of a submersible seaplane final report	1965
19650066277	Amrad fourth stage be-3-a5 rocket motor quarterly progress report no. 4	1965
19650066278	Prediction of radar attenuation in typical solid propellant rocket exhausts	1965
19650066289	Basic research in solid oxygen oxidizers fifth quarterly report, 1 apr. - 1 jul. 1965	1965
19650066294	Research on an electrostatic pickup tube final report	1965
19650066295	Chemical additives for electron suppression in rocket exhausts semiannual report	1965
19650066297	Controlled extinguishment and controlled re-ignition of solid-fuel rocket motors	1965
19650066299	High-pressure research toward high-energy propellants quarterly progress report, apr. 1- jun. 30, 1965	1965
19650066300	Height-of-burst curves over snow	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066301	Evaluation of high energy materials as liquid propellants eighth quarterly progress report, 1 apr. - 30 jun. 1965	1965
19650066305	Safety and damage control aspects of proposed mixed hydrazine fuel/chlorine trifluoride propellant combinations for prepackaged liquid propellant engines /report no. 2/	1965
19650066306	Sailing wind tunnel investigation of four foot span models, phase i technical report, 15 feb. - 15 may 1965	1965
19650066309	Stability of Imh-2 in liquid carriers quarterly progress report no. 1, mar. 1 - may 31, 1965	1965
19650066310	Bibliography of warhead supporting research /surface targets/ program publications 1963 and 1964	1965
19650066311	Chemistry research quarterly progress report, jan. - mar. 1965	1965
19650066312	Hybrid motor concepts /i/-component development and reproducibility firings	1965
19650066313	Experimental investigation of prepackaged hybrid propellant systems first quarterly progress report, 1 apr. - 30 jun. 1965	1965
19650066314	Propulsion development department review. chapter 1- propulsion techniques, systems, and analysis, june 1964 - may 1965	1965
19650066315	Quarterly progress report, april 1 - june 30, 1965	1965
19650066317	Propellant supporting research final report, 7 may 1963 - 6 may 1964	1965
19650066318	Technical status report, january - march 1965	1965
19650066319	High energy propellant ingredient research, part ii final report	1965
19650066321	Chamber gas secondary injection thrust vector control for high performance solid rocket motors first quarterly progress report, 28 apr. - 27 jul. 1965	1965
19650066322	Dynamic gas film accelerometer study. part ii- research model test results technical report, mar. - sep. 1964	1965
19650066323	Improved modular uh-1 armor system final engineering report	1965
19650066324	A prototype integrated crew survivability seat for the ch-34a helicopter	1965
19650066325	Development of image tubes for night viewing applications final report, sep. 1961 - may 1962, jul. - dec. 1962, jun. - dec. 1964	1965
19650066326	High pressure chemistry of hydrogenous fuels quarterly progress report, 1 apr. - 30 jun. 1965	1965
19650066327	Goggles interim technical report, 8 feb. - 8 may 1965	1965
19650066328	Snap-23 - terrestrial radioisotope fueled thermoelectric power supply system quarterly report no. 2, 1 nov. 1964 - 31 jan. 1965	1965
19650066329	The 1.0- and 1.28-ev emission from gaas diodes	1965
19650066330	Speaker authentication techniques final report no. 2, 1 jun. 1964 - 31 may 1965	1965
19650066331	A study to improve the low-level meteorologi- cal simulator first quarterly report, 1 jan. - 30 mar. 1965	1965
19650066332	Development and evaluation of large-scale rva and cfz graphite final report, 1 may 1963 - 30 apr. 1965	1965
19650066333	Transient radiation effects on microwave electron tubes first quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650066334	Applied research in thin-film field-emission tubes tenth quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650066335	Coherent optical array techniques final technical documentary report, 1 mar. 1964 - 28 feb. 1965	1965
19650066336	Nanosecond pulse generator study final report	1965
19650066337	Anisotropic elasticity solutions for disloca- tion barriers in face-centered cubic crystals technical report, 1 may - 30 sep. 1964	1965
19650066338	The effects of various oxygen partial pressures on scotopic and photopic vision	1965
19650066339	Manufacturing technology for large monolithic fiberglass reinforced plastic rocket motor case interim engineering progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650066340	The electromagnetic field inside a current- carrying region	1965
19650066341	Analysis of launch vehicle requirements for nasa scientific missions	1965
19650066342	Preliminary ac-6 atlas-centaur flight evaluation /launched august 11, 1965/	1965
19650066343	A study of the surface barrier silicon detector quarterly progress report, 1 apr. - 30 jun. 1965	1965
19650066344	Design studies of a reusable orbital transport, first stage. research and technology implications final report	1965
19650066345	Human engineering data for advanced ground support operations with nuclear space systems. volume iii- technology implications	1965
19650066348	Precise absolute measurement of the activity of tritium, ii <prazise absolutmessung der aktivitat von tritium, ii->	1965
19650066350	Experiments on electron polarization	1965
19650066352	The electronic potentiostat and its use for the investigation of rapid electrode reactions <der elektronische potentiostat und seine anwendung zur untersuchung schneller elektrodenreaktionen->	1965
19650066353	Possible cp-violation in medium strong inter- action and suppression of delta s equals 1 current	1965
19650066354	Auxiliary electrode for charge control of sealed nickel-cadmium batteries fourth quarterly progress report, 15 mar. - 14 jun. 1965	1965
19650066355	Military potential test of aerial television for artillery fire registration final report	1965
19650066356	Solid-state optical maser research first quarterly report, 15 feb. - 14 may 1965	1965
19650066357	Extra flexible tactical cable fourth quarter- ly report, 1 jan. - 31 mar. 1965	1965
19650066358	Photographic material suitable for in-flight processing eighth quarterly progress report, 15 mar. - 15 jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066359	Investigation and evaluation of chemical vapor deposition for the application of high-temperature oxidation-resistant coatings to refractory metals first interim engineering report, 15 may - 15 aug. 1965	1965
19650066361	Cost estimation for aerospace projects	1965
19650066363	Properties, tests and standards for plastics in france	1965
19650066364	Parametric amplifiers- melabs x-4387 test and evaluation report	1965
19650066365	Limit frequency of transistors	1965
19650066366	On wind shear distributions for smaller shear intervals	1965
19650066367	Development and evaluation of coating and joining methods for refractory metal foils final report, 1 jul. 1964 - 31 mar. 1965	1965
19650066368	Automatic data sequencer	1965
19650066369	Compact high calorie rations interim report	1965
19650066370	Columbium, tantalum, and molybdenum - review of recent developments	1965
19650066371	Effect of cumulative damage on the biaxial compressive fatigue performance of filament wound laminates quarterly report, mar. 1 - may 31, 1964	1965
19650066372	Evaluation of sperry a-2t compass amplifier	1965
19650066374	Development of improved conversion coatings for aluminum alloys annual report, may 1, 1964 - apr. 30, 1965	1965
19650066375	Development of improved semi-organic structural adhesives for elevated temperature applications first annual summary report, 1 jul. 1964 - 30 jun. 1965	1965
19650066376	Design review and reliability analysis for the pegasus motor gear box assembly special technical report no. 18	1965
19650066377	Neutron transport data for single and multilayer slabs of aluminum, polyethylene, and carbon	1965
19650066378	On hereditary properties of topological spaces	1965
19650066381	Fiber optics interim technical report, 1 dec. 1964 - 28 feb. 1965	1965
19650066385	Investigation of slurry fuels for clam systems quarterly progress report, 1 nov. 1964 - 26 feb. 1965	1965
19650066386	Research in high-energy propellant ingredients, 1 april - 30 june 1965	1965
19650066387	Lance quarterly technical report, jan. - mar. 1965	1965
19650066388	Optical spatial filtering techniques for automatic target recognition fifth quarterly report, 1 mar. - 31 may 1965	1965
19650066391	High energy propellant ingredient research, part i final report, apr. 21, 1959 - mar. 1, 1965	1965
19650066392	Demonstration of an advanced solid propellant final report	1965
19650066393	Annex 1 to range safety report for staff test vehicles	1965
19650066395	Hovering rocket system. volume ii- report on the preliminary design	1965
19650066396	Feasibility demonstration for direct chamber bleed hot gas secondary injection thrust vector control quarterly progress report no. 4, 1 mar. - 31 may 1965	1965
19650066397	Shock wave structure in a dusty ablating gas	1965
19650066398	Self-repairing digital computers - investigation and simulation with application to aerospace guidance and controls. volume i- summary final report, may 1964 - jun. 1965	1965
19650066399	Direct spectrographic determination of impurities in uranium tetrafluoride	1965
19650066400	Signal detection using a noisy reference signal	1965
19650066402	Solid-state ferroelectric accelerometer interim report, 4 mar. - 17 jun. 1965	1965
19650066403	Synthesis of amino- and hydrazino-derivatives of alicyclic and heterocyclic systems with potential CNS pharmacological activity second annual technical status report, 1 jul. 1964 - 30 jun. 1965	1965
19650066404	Development of a microelectronics processor interim engineering progress report, 1 feb. - 30 apr. 1965	1965
19650066405	Ablative plastic chars containing carbon and graphite reinforcements	1965
19650066406	Aerodynamically induced vibration in coolers	1965
19650066407	Active material retention in lead-acid battery. the role of PbSO ₄ ·4PbO and alpha-PbO ₂ interim report	1965
19650066408	An/APG-59 radar reliability assessment program guidelines	1965
19650066409	Balloon borne radio communication system final report, 15 sep. 1964 - 31 jan. 1965	1965
19650066410	Beta radiation corrosion detection study final report	1965
19650066411	Optical spectroscopy and crystal growth of CeO ₂ and ThO ₂ semiannual technical summary report, period ending 30 apr. 1965	1965
19650066412	Research and development on photoconductive photo-tape final report	1965
19650066413	Radio wave method of electrical exploration	1965
19650066414	Research and investigation of selected microwave problems interim engineering report no. 9, 1 mar. - 31 may 1965	1965
19650066415	Mechanism of erosion of solid metals	1965
19650066416	An altitude performance evaluation of a flightweight aircraft pod-heat exchanger combination	1965
19650066417	Spacings	1965
19650066418	A case of accidental inhalation of actinium- 227	1965
19650066419	Experiments relating to the control of fission-product release from advanced gas-cooled reactors	1965
19650066422	Low voltage diffuse discharge in atmospheric pressure helium and argon, seeded with small amounts of caesium, potassium and sodium	1965
19650066424	Low frequency hydrogen modes in KH ₂ PO ₄ type ferroelectric crystals	1965
19650066425	The interaction of water with the magnesium oxide surface	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066426	Mass spectrometric measurements of the ratio of thermal neutron capture to fission for 241 pu	1965
19650066427	The flame photometric determination of alkali metals, alkaline earths and copper in nuclear grade uranium	1965
19650066428	Fuel performance and development potential	1965
19650066429	Crystals for optical maser applications first quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650066430	Stresses in a buckled rectangular column	1965
19650066432	Space radiator fabrication development status report	1965
19650066433	Status of instrument development for the snap-50 reactor test program	1965
19650066434	Studies of low dose radiation upon complex behavior patterns annual progress report, 1 jun. 1964 - 30 jun. 1965	1965
19650066435	The determination of cadmium in uranium compounds by atomic absorption spectrophotometry	1965
19650066437	Dislocation structure in deformed single crystals of magnesium	1965
19650066439	The effect of some structure variations on the tensile properties of irradiated nimonic pe16	1965
19650066440	Cybernetics and psychology surveys of communist world scientific and technical literature	1965
19650066441	Bias influence on radiation-induced transistor surface effects	1965
19650066442	Basic factors in the formation and stability of non-soap greases for high temperature applications, part ii technical documentary report, 1 apr. 1964 - 31 mar. 1965	1965
19650066444	A measurement of the cross section for production of the he plus 2s ions by electron impact excitation of ground state helium ions	1965
19650066445	Measurements of ground level irradiance from the night sky	1965
19650066446	Addendum to saturn computer /asc-15/ final report, 1 may 1964 - 30 jun. 1965	1965
19650066447	Development of remote control system for infrared light source final technical report, 24 aug. 1964 - 4 mar. 1965	1965
19650066448	Development of controls for time-temperature characteristics in aluminum weldments progress report no. 1, 25 mar. - 30 apr. 1965	1965
19650066449	Computation of axisymmetric base pressure by zumwalt's method	1965
19650066450	Strength properties of reinforced plastic laminates at elevated temperatures /epoxy resin ersb-0111 and 181-shts glass fabric/	1965
19650066451	Development of coated superalloy components for gas turbine engine applications fourth quarterly progress report, 1 apr. - 1 jul. 1965	1965
19650066452	Automatic picture transmission /apt/ subsystem for nimbus meteorological satellite quarterly technical report no. 16, sep. - nov. 1964	1965
19650066453	Research on relaxation processes in magnetic materials progress report no. 5, 1 feb. - 30 apr. 1965	1965
19650066457	Components irradiation test no. 14- hpa-1002, 1n1127 and 1n1347 diodes scbr4 and 5scbr4 rectifier bridges, and various types of carbon resistors	1965
19650066460	Fundamental investigation of losses of skeletal mineral in young adult human males and collaterally in young adult male pigtail monkeys /macacus nemestrina/ through immobilization for varying periods of time, coupled with a study of methods of preventing or reducing mineral loss fifth semiannual report	1965
19650066461	Inorganic dielectrics research progress report, feb. 15 - may 15, 1965	1965
19650066462	<snap 50/spur nuclear mechanical power unit program> quarterly technical progress report, apr. 1 - jun. 30, 1965	1965
19650066464	Effects of ultrasound on deformation characteristics of structural metals. part 3- acoustic softening at high strain rates technical progress report no. 371, 1 jul. 1963 - 30 jun. 1964	1965
19650066465	Heat transfer and performance studies on the propellant combination gaseous hydrogen/ gaseous oxygen. part 3- an investigation of the heat transfer by radiation in rocket combustion chambers at 10 atm pressure, and some provisional results at 30 atm and 60 atm	1965
19650066466	Electronics equipment reliability study	1965
19650066467	Study of microwave generation utilizing double-stream instabilities in anisotropic media sixth quarterly progress report, 1 mar. - 31 may 1965	1965
19650066471	Studies in the field of turbulent boundary layer noise research fifth quarterly progress report, may 15 - aug. 14, 1965	1965
19650066473	Large segmented, fiberglass reinforced, plastic rocket motor cases interim engineering progress report, 1 may - 31 jul. 1965	1965
19650066474	High power x-band generator quarterly report no. 10, jan. 1 - mar. 31, 1965	1965
19650066475	Theories of magnetism quarterly technical status report, 1 jan. - 31 mar. 1965	1965
19650066476	Field emission from atoms in intense optical fields	1965
19650066478	Electrically suspended reaction sphere controller	1965
19650066479	Supersonic Investigation of the Static Stability, Performance, and Control of a Variable-sweep Tactical Fighter Model, Phase 3	1965
19650066480	Supersonic Investigation of the Static Stability, Performance, and Control of a Variable-sweep Tactical Fighter Model, Phase 4	1965
19650066481	Supersonic Aerodynamic Characteristics of a Multimission Tactical Fighter Aircraft with Various Radar or Camera Fairings	1965
19650066487	Development of a high-temperature, nuclear-radiation-resistant pneumatic power system for flight vehicles semiannual report, 1 jan. - 30 jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066488	<investigation of the relation between solar variations and weather on earth as shown by study of simultaneous data from the sun, mariner ii, near earth satellites and the atmosphere below the mesosphere< third quarterly progress report	1965
19650066489	Solar wind, geomagnetic activity, and terrestrial winds	1965
19650066491	Project irls first quarterly report, 1 mar. - 1 jun. 1965	1965
19650066492	Model specification ds-2355-1, safety and arming device for saturn v space vehicle	1965
19650066493	Tiros operational system progress report, nov. 30 - dec. 31, 1964	1965
19650066495	Investigations and analysis of flow phenomena of secondary motions in axial flow inducers semiannual progress report, period ending jun. 30, 1965	1965
19650066501	Transtage propulsion system pilot monitoring and control simulation progress report, 1 jun. - 1 sep. 1965	1965
19650066502	Theoretical investigation of laser beam inter- action with matter final report	1965
19650066503	Fine grain dense ferrites final report no. 8, 1 jul. 1964 - 30 jun. 1965	1965
19650066505	The use of transform methods in elasticity, ii	1965
19650066506	A review of the air force materials research and development program compilation of abstracts, 1 jul. 1963 - 30 jun. 1964	1965
19650066507	Pinch plasma studies progress report, apr. 1, 1964 - mar. 31, 1965	1965
19650066508	Fluidized bed techniques for coating refractory metals interim engineering progress report no. 3, 8 jun. - 8 sep. 1965	1965
19650066509	The fo radical and high pressure reactions of n2f2 tenth quarter report, 1 may - 1 aug. 1965	1965
19650066510	Camera tube with internal image-motion compensation ninth quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650066511	Radiobiology in great britain	1965
19650066512	High specific impulse thermal arc jet thruster technology. part i- performance of hall arc jets with lithium propellant	1965
19650066513	Investigation of high emission density cathode final report, 23 apr. 1964 - 22 apr. 1965	1965
19650066514	Development of a long-life contact seal for a high speed rotating shaft in liquid-metal dynamic power systems final report, 1 apr. 1963 - 31 mar. 1965	1965
19650066515	Investigation of high acuity negative and positive continuous tone diazofilms technical report, may 1963 - mar. 1965	1965
19650066516	Ablative plastics characterization. part 1- arc-heater screening technical report, 15 may 1964 - 15 may 1965	1965
19650066517	Flexible integrated solar cell array quarterly report, 1 jun. - 1 sep. 1965	1965
19650066518	Fluid mechanics in paris	1965
19650066519	Low-flow, high-response flowmeter final report, apr. 1964 - jan. 1965	1965
19650066520	Evaluation of sapphire wool and its incorpora- tion into composites of high strength technical report, may 1964 - may 1965	1965
19650066522	Infrared detectors and detector materials interim report, 1 jun. - 31 aug. 1965	1965
19650066524	Research and investigation on satellite attitude control. part iv- fluid flywheel attitude control model technical report, jan. 1963 - apr. 1964	1965
19650066525	Contact failures in semiconductor devices interim report, 22 dec. 1964 - 21 mar. 1965	1965
19650066529	Nasa experiment descriptions for extended apollo earth-orbit flights preliminary data	1965
19650066530	Study to establish electromagnetic compatibility specifications final report, 29 jun. 1964 - 29 jun. 1965	1965
19650066531	Pressure influence on multiphase heat transfer from stainless steel surfaces	1965
19650066533	The meteorite theory of the ries basin /sw bavaria/ <das ries und die meteoritentheorie<	1965
19650066534	<conduct radar and microwave radiometry investigations related to orbiting research laboratories< quarterly progress report, 1 apr. - 1 jul. 1965	1965
19650066535	Mission requirements of lifting systems- operational aspects final oral report	1965
19650066536	<theoretical and experimental studies of radiation absorptance and emittance characteristics and their control for potential space vehicle surface materials< summary technical report	1965
19650066537	Faust i- a hardcore discharge stability experiment	1965
19650066538	High temperature behavior of the gaseous elements	1965
19650066540	Blast waves in tunnels- a calculated example	1965
19650066543	Automatic pattern recognition in modulo-2 vector spaces technical report no. 6103-11	1965
19650066545	State-of-the-art study on visual impairment by high-intensity flash of visible, infrared, or ultraviolet light	1965
19650066546	Analysis of multi-signal traveling-wave amplifier operation technical report no. 85	1965
19650066548	Ultra high power amplifron. volume ii- pulsed amplifron development final report, feb. 1, 1960 - apr. 15, 1964	1965
19650066549	Ultra high power amplifron. volume iii- super power amplifron test equipment final report, feb. 1, 1960 - apr. 15, 1964	1965
19650066550	Progress report number thirty six, 1 january - 31 march 1965	1965
19650066552	Research and development of glass microchannel arrays interim technical report, 10 dec. 1964 - 10 mar. 1965	1965
19650066553	The hydrodynamic design and dynamic control of the retorc ii, system alpha vehicles	1965
19650066554	Product engineering. task i- turbomachinery final program progress report, 1 jan. 1964 - 1 may 1965	1965
19650066555	Advanced thrust chamber assembly program first quarterly progress report, 1 mar. - 31 may 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066556	The formulation of new high energy storable propellants second quarterly report, 15 mar. - 14 jun. 1965	1965
19650066558	Slurry fuel research program for advanced navy applications second quarterly progress report, 1 apr. - 30 jun. 1965	1965
19650066560	Tiros operational system /tos/ periodic progress report, period ending 2 mar. 1965	1965
19650066561	Tiros operational system /tos/ periodic progress report, period ending 6 apr. 1965	1965
19650066562	Tiros operational system /tos/ periodic progress report, period ending 4 may 1965	1965
19650066563	Tiros operational system /tos/ periodic progress report, period ending 2 jun. 1965	1965
19650066564	Tiros operational system /tos/ periodic progress report, period ending 7 jul. 1965	1965
19650066565	Instrument unit general test plan	1965
19650066566	Human engineering data for advanced ground support operations with nuclear space systems. volume ii, book 3-detail technical summary	1965
19650066567	A study for the development of procedures for isolation of chemoautotrophic and related microorganisms and the characterization of such microorganisms or agents from corroded metals final report, 25 may 1964 - 24 may 1965	1965
19650066568	Research to determine mechanical properties of polybenzimidazole metal-to-metal adhesives technical report, 1 dec. 1963 - 31 jan. 1965	1965
19650066569	Research on the influence of the nature of the ligand on the stereochemistry of the nickel /ii/ and other 1st row transition metal complexes with schiff bases final technical report, 1 jun. 1964 - 1 may 1965	1965
19650066570	Sumop- a digital implementation of the method of sums of resolvable operators	1965
19650066571	Research studies of high-density plasmas second quarterly progress report, 15 dec. 1964 - 15 mar. 1965	1965
19650066572	Measured neutron source spectra for angular scattering experiments with small cylinders	1965
19650066573	Micrometeorological research program progress report	1965
19650066574	Minuteman producibility study no. 5- isotopic contamination detection of bubble level components final report	1965
19650066575	Microbial deterioration of electronic components progress report, 1 may - 30 jun. 1965	1965
19650066576	The thermal motion of simple liquids	1965
19650066577	The surface potential of oxygen on thorium	1965
19650066578	Thermodynamic performance of temperature- ablation type sensors in various heat fluxes and shear environments technical report, 1 jan. - 30 dec. 1964	1965
19650066579	Military and peaceful applications of lasers	1965
19650066580	A method of manufacturing thin-film ferrite materials	1965
19650066581	Optical properties of solid and liquid media subjected to ultrasonic elastic vibrations	1965
19650066582	Hinge joint of aircraft control wheel	1965
19650066583	Flame-spraying of ceramic coatings	1965
19650066584	Standardization of plastic materials and parts made of them. use of high-strength glass plastics with a nonfabric foundation	1965
19650066585	Properties, uses and processing of expandable polystyrene	1965
19650066586	Quasi-non-destructive testing of metal tensile strength	1965
19650066588	Functional evaluation of the b-26 k photo reconnaissance system final report, 25 aug. 1964 - 10 aug. 1965	1965
19650066589	Investigation of a high pressure liquid metal centrifugal pump quarterly report, 1 jun. - 31 aug. 1965	1965
19650066590	Gas chromatographic methods for liquid propellant analysis technical report, 1 jun. - 31 aug. 1965	1965
19650066591	Manufacturing methods for form rolling complex shapes of high strength titanium alloys interim engineering progress report no. ii, 1 jun. - 31 aug. 1965	1965
19650066592	Manufacturing process for premium quality titanium castings interim engineering progress report, 15 may - 15 aug. 1965	1965
19650066593	Fabrication techniques for light weight hyper-environment e-m windows interim engineering report, 1 jun. - 31 aug. 1965	1965
19650066594	The development of zirconium alloy pressure tubes for the winfrith heat steam-generating heavy-water reactor	1965
19650066595	The contribution of systematic incident evaluation to the achievement of reactor safety	1965
19650066596	The behaviour of 9 percent nickel steel in a reactor environment	1965
19650066597	The preparation of thin foils for electron microscopy from tensile specimens	1965
19650066599	The passive magnetic orientation of satellite injun 3	1965
19650066600	Density waves in low pressure plasma columns	1965
19650066601	A study of the energy transfer responsible for photoreactivation final technical report, 1 jun. 1964 - 1 jun. 1965	1965
19650066602	Self-repairing digital computers - investigation and simulation with application to aerospace guidance and controls. volume iv- self-repairing digital computer simulation program final report, may 1964 - jun. 1965	1965
19650066603	Design and operation of the battery power supply of a hypersonic propulsion facility	1965
19650066604	Microchemical assays of the liver lobule of the cold-acclimatized rat annual progress report, aug. 1, 1964 - jul. 31, 1965	1965
19650066605	Interband farady rotation in ii-vi compounds scientific report no. 2	1965
19650066607	Susceptibility to infection in irradiated animals annual report, jul. 1, 1964 - jun. 30, 1965	1965
19650066609	X-ray transport - iv /monte carlo air transport code/	1965
19650066610	Transparent categories and categories of transition systems	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066611	A summary of calculations of chemical and fluid dynamic parameters in the sapag facility research note no. 17	1965
19650066612	Rain repellent final report	1965
19650066613	Research and exploratory development for the missile guidance and airframe branch, bureau of naval weapons quarterly report, jan.-mar. 1965	1965
19650066614	Radiation effects on renal enlargement in the mouse	1965
19650066615	Upper and lower bounds for the frequencies of rectangular clamped plates	1965
19650066616	Thin-film monotonics quarterly report, 13 mar. - 12 jun. 1965	1965
19650066617	Telesismic signal and noise correlations at the tonto forest extended array	1965
19650066618	Theory of ice adhesion. part i- adhesion of ice to plastics progress report	1965
19650066619	An analysis of a first order redundancy- reduction technique for adaptive telemetry systems	1965
19650066620	Development of improved cutting tool materials final report, 25 sep. 1962 - 28 feb. 1965	1965
19650066621	Development of slurry coatings for tantalum, columbium, and molybdenum alloys technical report, 1 apr. 1964 - 31 mar. 1965	1965
19650066622	Shock tube studies of fuel-air ignition characteristics technical report, 1 apr. 1964 - 26 jul. 1965	1965
19650066623	Evaluation of transponder sets an/gpq-7/xe-1/ and an/gpq-8/xe-1/	1965
19650066624	Organic materials for electronic applications sixth interim technical report, 1 may - 31 july 1965	1965
19650066625	Gettering properties of non-flashed porous getters	1965
19650066631	Application of hydrogen-oxidizing bacteria to bioregenerative life support systems- metabolism of h. eutropha in urine	1965
19650066632	<self-consistent study of trapped radiation in the geomagnetic field< semiannual progress report	1965
19650066633	Snapkite coupling, part numbers 3268-9 /male/ and 3268-8 /female/ test report	1965
19650066634	Physical and chemical properties of lubricants final report, 1 nov. 1963 - 31 oct. 1965	1965
19650066636	X-ray transport - ii /bound electron scattering/	1965
19650066637	Demonstration of the systolic shift of the valve plane, on the human heart <uber den nachweis der systolischen ventilebenenver- schiebung am menschlichen herzen<	1965
19650066638	The preparation of radioiodine labelled methyl iodide by an exchange process	1965
19650066639	Mechanisms of work hardening in body centered cubic metals final report, 1 feb. 1963 - 15 jul. 1964	1965
19650066640	A medium power, medium noise figure traveling wave tube interim development report, 1 apr. - 30 jun. 1965	1965
19650066641	Magnetohydrodynamic generators and motors	1965
19650066642	Operation of the power information center annual report no. 5, 1 aug. 1964 - 31 jul. 1965	1965
19650066643	Luminescence conversion by oxygen. detection of minimum amounts of oxygen	1965
19650066644	Soviet study of control systems and man's health	1965
19650066645	Cosmic dust <les poussières cosmiques<	1965
19650066646	Irregular twin growth and contraction in zinc and magnesium polycrystals	1965
19650066647	Self-repairing digital computers - investiga- tion and simulation with application to aerospace guidance and controls. volume iii- application of digital computers with degraded mode operation to aerospace guidance and controls final report, may 1964 - jun. 1965	1965
19650066649	Evaluation of the model e-3/m/ strike/ reconnaissance camera system on b-26k, a-1e, and t-28c aircraft	1965
19650066650	The mechanisms of solids mixing in fluidised beds	1965
19650066651	The foxboro company pneumatic pressure controller model m41a test report	1965
19650066652	Heat-transfer and friction properties of surfaces with discrete roughnesses	1965
19650066654	Refractory materials suitable for use in guided missile propulsion systems quarterly progress report	1965
19650066655	System Criteria for Launch Vehicle Systems. Volume III - Summary Technical Report	1965
19650066656	Study of arc-jet propulsion devices quarterly progress report no. 3, 1 jun. - 31 aug. 1965	1965
19650066657	Market and system analysis for potential global transport application of a reusable orbital transport final report	1965
19650066662	Two-phase materials attrition problems for rankine cycle liquid metal power plants	1965
19650066663	<research in life sciences instrumentation pertinent to studies in space biology< third quarterly report, 9 may - 8 aug. 1965	1965
19650066664	Dynamic measurements of the electrical properties of metal oxides in high radiation fields at high temperatures semiannual status report no. 1, mar. 1 - aug. 31, 1965	1965
19650066665	Human engineering data for advanced ground support operations with nuclear space systems. volume ii, book 2- detail technical summary	1965
19650066667	Direct fluorescent tagging of microorganisms- possible life detection technique technical manuscript no. 236	1965
19650066668	An experimental study of the flow in a model rocket engine diffuser	1965
19650066669	120 channel digital reporting system progress report no. 2 /1st quarterly/	1965
19650066672	Experimental observations of proton whistlers from the injun 3 vlf data	1965
19650066673	Investigation of energy levels in foil excited atomic beams semiannual progress report, 1 feb. - 1 aug. 1965	1965
19650066675	Kinetics corporation heavy duty lift-off switch, part number m998-1, nasa drawing number c75m10789 test report	1965
19650066676	6,000 psi filter, bendix part number 047213, nasa drawing number b75m50154 test report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066678	Valve, ball shutoff. flodyne controls inc. part number 10c17, nasa drawing number b75m03249	1965
19650066702	Jet interference during stage separation at very high altitudes	1965
19650066711	Development of ultrahigh strength, low density, aluminum plate composites progress report no. 22, 1-30 apr. 1965	1965
19650066712	Failure mode and effect analysis for test and checkout gse used at r-test for the saturn s-1c stage interim report no. 2	1965
19650066716	High altitude investigations on the saturn s-ii stage using short-duration techniques. part i- parameter studies	1965
19650066719	Analysis of shock records using a digital computer	1965
19650066720	One-dimensional magnetohydrodynamic equations for a non-ideal gas with application to singly ionizing argon	1965
19650066721	The development of a nontoxic self-extinguish- ing paint for the interior of nuclear-powered submarines	1965
19650066722	Air force evaluation of the jet commander model 1121 aircraft	1965
19650066723	Fluid mechanics in england, part iii	1965
19650066724	Long-term stability of epoxy resins for potting sonobuoy hydrophone arrays	1965
19650066725	Techniques for measuring the quality of high temperature potassium vapor second quarter progress report, jun. - aug. 1965	1965
19650066726	A spectrometer for investigation of far-infrared plasma emission	1965
19650066727	Development of wide range radiac set final report	1965
19650066728	Amrad antenna system final progress report	1965
19650066729	Blast patterns in large model tunnel systems - project 1.2, operation snow ball	1965
19650066731	Discriminant functions- properties, classes, and computational techniques technical report no. 6761-2	1965
19650066732	Study of heating methods for structural testing greater than 3,000 deg f technical report, 1 apr. 1964 - 15 mar. 1965	1965
19650066733	Nonlinear effects of large deflections and material damping on the steady state vibrations of beams technical report, apr. 1964 - apr. 1965	1965
19650066734	Microtectonic investigations in the region of the nordlinger ries <kleintektonische untersuchungen im gebiet des nordlinger rieses<	1965
19650066735	Investigations of the diurnal rhythmic of the pulse-wave velocity in athletes <unter- suchungen zur tagesrhythmik der pulswellen- geschwindigkeit beim sportler<	1965
19650066744	Measuring the ground speed	1965
19650066746	Passive radar- thermal radio-wave detection	1965
19650066747	News from abroad during the past month	1965
19650066785	Connection between correlations and fluctua- tions in a plasma	1965
19650066786	Influence of probe losses on the ion density of a thermal alkali plasma in a magnetic field	1965
19650066787	On the dynamics of a toroidal theta-pinch	1965
19650066789	Hydrogen-oxygen reaction studies fourth quarterly progress report	1965
19650066790	Thermophysical and transport properties of liquid metals first quarterly progress report, mar. - may 1965	1965
19650066791	Evaluation of large titanium alloy forgings second quarterly report, 1 oct. - 31 dec. 1964	1965
19650066792	Passive load alleviation on supercavitating hydrofoils	1965
19650066793	Pseudorandom signal correlation in sonar systems. bandwidth, averaging time, and binary coding considered in relation to peak amplitude fluctuation and other ambiguities in correlator output	1965
19650066794	156 inch diameter motor movable nozzle program. volume v- supporting documentation final report, 1 jul. 1963 - 15 jan. 1965	1965
19650066803	A feasibility study of portable spectro- photometer systems	1965
19650066805	Oxidation-resistant coatings for refractory metals - review of recent developments	1965
19650066807	On a class of tapered beams on elastic foundations	1965
19650066808	The potentiometric determination of plutonium by argentic oxidation, ferrous reduction and dichromate titration	1965
19650066810	Manual attitude control systems. volume iii- angular acceleration characteristics for optimum control	1965
19650066811	Aracon gridding program for the tiros wheel technical report no. 10	1965
19650066812	Evaluation of elliott e.3 runway alignment technique, dec. 1964 - jan. 1965	1965
19650066814	Evaluation and demonstration of the use of cryogenic propellants /o2-h2/ for reaction control systems second monthly progress report	1965
19650066816	High temperature oxidation resistant hafnium- tantalum systems third quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19650066818	R110 rocket engine monthly technical report, 1 may - 1 jun. 1965	1965
19650066819	Gallium arsenide laser diode amplifier final report	1965
19650066820	Failure mode and effect analysis for test and checkout gse used at r-test for the saturn s-ic stage interim report no. 4	1965
19650066821	Conduct ground investigations of flight experiments on primates in long duration zero-g quarterly status report, jun. 1 - aug. 31, 1965	1965
19650066822	The foxboro company electronic indicating controller model 62-5mts-2 test report	1965
19650066823	The foxboro company pressure transmitter model 611gh-nb5 test report	1965
19650066824	Ductile coatings for columbium alloys, phase 2 progress report no. 1, 1 nov. 1964 - 31 jan. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066825	Instrumentation operations analysis for saturn/apollo vehicle sa-8	1965
19650066826	Investigation of the optimum detection scheme for a star field mapping system	1965
19650066827	An investigation of potential payloads for the saturn ib two and three stage launch vehicles final report	1965
19650066828	Investigation in the fabrication of silicon carbide pnpn switch interim engineering report, feb. 1 - apr. 30, 1965	1965
19650066829	Failure mode and effect analysis for test and checkout gse used at r-test for the saturn s-ic stage interim report no. 3	1965
19650066831	Development of digital communication equipment test set an/gym-4 third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650066832	Mechanical properties of detached surface coatings- the assessment of a proposed accelerated weathering cycle	1965
19650066834	A study of plasma turbulence bi-monthly progress report no. 3, jan. 1 - feb. 28, 1965	1965
19650066835	Design, development, and fabrication of an ultra-high-resolution cathode-ray tube first quarterly report, 5 jan. - 5 apr. 1965	1965
19650066836	Liquid hydrocarbon fuel cell development, phase ii technical report, 27 jan. - 27 aug. 1965	1965
19650066837	An experimental investigation of blast-induced airloads and response of lifting surfaces	1965
19650066838	Compound semiconductor functional electronic blocks technical report, 15 dec. 1963 - 15 dec. 1964	1965
19650066839	Jet fuel decontamination studies final technical report, 8 may - 30 nov. 1964	1965
19650066840	Measuring ionic mobilities in the mesosphere quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650066841	Electron tube research ninth quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650066842	Optical coating for absorptance of solar energy quarterly progress report, oct 1, 1964 - jan. 1, 1965	1965
19650066850	Results of simulated altitude testing of the aj10-138 engine for the titan iii transtage with various injector configurations /propulsion engine test cell t-4/	1965
19650066852	Transducer materials development. a study exploring the use of first order phase transformation materials final report, jun. 1964 - may 1965	1965
19650066855	Ch-34 component armor protection system design	1965
19650066856	Experimental performance of a scramjet integrated combustor-nozzle system	1965
19650066857	Some physiological effects of flicker and related physical stimuli	1965
19650066859	Composite rocket/air breathing propulsion systems, appendix a literature search no. 269	1965
19650066862	Recent supersonic combustion results and test techniques	1965
19650066863	Hardware and Guidance Scheme Error Analysis for Sa-202 Evaluated at S-ivb Cutoff	1965
19650066864	Cx-6 v/stol assault transport support system study. vol. iv- support logistics final report	1965
19650066866	Transonic performance of a clustered exhaust nozzle	1965
19650066869	Static stability and axial force coefficients for stages i and ii of ws-133b minuteman, obtained from wind tunnel tests at mach numbers 5.97 and 7.85	1965
19650066870	Investigation of new inorganic oxidizers quarterly progress report, 22 sep. - 22 dec. 1964	1965
19650066871	Analytical study of advanced propulsion systems for the vs/x/ mission	1965
19650066872	Aerodynamic coefficients for stage ii configurations of the ws-133b minuteman obtained from wind tunnel tests made at m equals 6.0 and re equals 24x1061ft	1965
19650066877	Cx-6 v/stol assault transport support system study. volume v- system plans and programs final report	1965
19650066878	Contained passive relay study final report, 15 mar. 1964 - 15 apr. 1965	1965
19650066881	A study of long rod fragments impacting against b-29 aircraft wing structures	1965
19650066882	Static stability test of an 8-deg cone with ablation at mach number 10 technical report, 19-21 may 1965	1965
19650066883	Free-flooding magnetostrictive scroll transducers	1965
19650066884	Fixed antenna guidance techniques study quarterly report no. 1, 17 mar. - 17 jul. 1965	1965
19650066885	Scar- satellite capture and retrieval	1965
19650066900	A quasi-steady boundary-layer approach to the ablating body dynamics problem /task 2.3 engineering aerodynamics - rest program/	1965
19650066902	Report on an investigation of whisker-growth on tin-plated switch contact rings in shell v.t. fuzes	1965
19650066906	Homing on communications sources, phase ii interim engineering report, apr. - jun. 1965	1965
19650066911	Safety of Return: Manned Orbiting Laboratory Crews	1965
19650066912	Research in re-entry physics semiannual technical summary report, period ending 30 jun. 1965	1965
19650066915	Advanced data correlation techniques final report, jul. - dec. 1965	1965
19650066917	Waveform studies quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650066919	The trap iv vhf wake radar measurements program research note, period ending sep. 1964	1965
19650066920	Preliminary study of wake velocity decay	1965
19650066921	Radar target discrimination techniques quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650066924	Real-time frequency analysis of the radar signature of an r/v	1965
19650066925	Semi-annual technical summary report, december 1964 - june 1965	1965
19650066927	Low-observable reentry vehicle l-1, preliminary flight evaluation report- addendum 1	1965
19650066928	Feasibility of Using Titan IIIC in the Vela Satellite Program	1965
19650066929	Some new nickel minerals <eraista uusista nikkelimineraaleista>	1965
19650066930	Significance of dicrotism of the peripheral arterial pulse <uber die bedeutung der dikrotie des peripheren arterienpulses>	1965
19650066931	Semeiology of the venous pulse <semiologia del pulso venoso>	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650066932	Absolute measurements of the lifetime of excited states. i- aims and methods <mesures absolues des durees de vie d'etats excites. i- buts et methodes<	1965
19650066933	Absolute measurements of the lifetimes of excited states. ii- principle and theoretical study <mesures absolues des durees de vie d'etats excites. ii- principe et etude theorique<	1965
19650066934	Analytical and experimental studies of gas flow through multilayer insulation. volume v- design of high-performance insulation systems	1965
19650066937	Operation and maintenance of nimbus ground station first quarterly progress report, 1 apr. - 1 jul. 1965	1965
19650066938	Optimization of astronaut participation in prelaunch checkout activities. i- astronaut requirements, task ii interim report	1965
19650066939	Reliability program plan for day-night meteorological camera subsystem	1965
19650066940	Study of low acceleration space transportation systems. phase i- study report	1965
19650066942	Saturn s-ivb propulsion system automatic checkout concepts	1965
19650066943	Analysis of insulation optimization. design of high-performance insulation systems, volume vii	1965
19650066957	The yj93-ge-3 engine - supersonic propulsion system	1965
19650066958	156-inch diameter motor liquid injection tvc program quarterly report no. 1	1965
19650066959	Start and shutdown characteristics of the aj10-138 engine for the titan iii transtage at simulated altitude conditions /propulsion engine test cell t-4/	1965
19650066960	Structural evaluation of refractory material leading edges for hypersonic missiles quarterly report no. 1, 1 apr. - 1 jul. 1965	1965
19650066961	Penetration of the ionosphere by vlf radio waves- reception of 10.2 and 18.0 kc/s signals by the lofti iia satellite final report	1965
19650066963	Organic chemical synthesis quarterly report, 1 mar. - 31 may 1965	1965
19650066964	Investigation of Failure to Function of Solid Propellant Gas Generator for the Atlas Missile	1965
19650066965	Cx-6 v/stol assault transport support system study. volume ii, section i- configurations	1965
19650066967	Altitude evaluation of the united technology center advanced solid-propellant formulation utx-6814	1965
19650066969	Organic chemical synthesis quarterly report, dec. 1, 1964 - feb. 26, 1965	1965
19650066970	SSLV No. 7 Post Firing Flight Test Report	1965
19650066971	Advanced development testing of the aj10-138 rocket engine in a simulated space environment	1965
19650066972	Critical reviews of the chemistry of advanced oxidizers and fuels eleventh quarterly technical summary report, 1 apr. - 30 jun. 1965	1965
19650066974	An altitude investigation of the lockheed propulsion company lightweight 40-pulse solid- propellant rocket motor	1965
19650066998	Toroidal Systems Analysis Study Interim Report, 1 Sep. 1964 - 30 Apr. 1965	1965
19650067000	System Criteria for Reusable Launch Vehicle Concepts. Volume III- Technical Analysis Final Report	1965
19650067001	System Criteria for Launch Vehicle Systems Volume I- Detailed Technical Report	1965
19650067002	Multifunctional, Auxiliary Propulsion Module Study Program Monthly Progress Report, Mar. 1965	1965
19650067003	System Criteria for Launch Vehicle Systems. Volume II- Design Trends Report	1965
19650067021	On the formation and behaviour of point defect clusters in neutron irradiated uranium carbide	1965
19650067030	Microbial deterioration of electronic com- ponents. phase 2- laboratory investigations summary report	1965
19650067032	<milestones and technical progress, apollo/ saturn 1, 1b, and v programs and launch complexes 34, 37, and 39< first quarterly technical progress report cy-1965, jan. 1 - mar. 31, 1965	1965
19650067033	A groove waveguide microwave spectrometer absorption cell	1965
19650067034	Consolidated instrumentation plan for saturn/ apollo, sa-10	1965
19650067040	Electrostatic double probes and their applicability in hot plasmas <anwendbarkeit elektrischer sonden in heissen plasmen<	1965
19650067041	Materials evaluation report for a/p 22s-2 lightweight helmet	1965
19650067043	Low-altitude parachute drops	1965
19650067044	Project cell structure of the atmosphere. further results on homo- and pleisto-layers in the atmosphere	1965
19650067045	Experimental investigation of an induction compressor annual report	1965
19650067046	Investigations of the systems dy-mn and ho-mn by dta, micrographs and thermomagnetic analysis. applicability of the amalgam process to y-fe, co, ni-alloys	1965
19650067047	Influence of work hardening coefficient on crack propagation in high-strength steels technical report, jan. - dec. 1964	1965
19650067048	Mbrv recovery subsystem flotation assembly final test report	1965
19650067049	Re-entry energy management technical report, oct. 1960 - dec. 1964	1965
19650067052	Evaluation of manufacturing methods for fibrous composite materials final report, 25 oct. 1963 - 10 jul. 1964	1965
19650067053	Afrpl liquid fluorine rocket nozzle test facility	1965
19650067054	The tunnel effect of superconductors in a microwave field <zum tunneleffekt bei supraleitern im mikrowellenfeld<	1965
19650067055	The safety and maintenance of public transport aircraft, foreseeable developments for super- sonic aircraft, part i and ii <la securite et l'entretien des avions de transport public - evolutions previsibles pour l'avion super-sonique<	1965
19650067056	Reduction of trimethylenetrinitramine /rdx,t4/ <sulla riduzione della trimetilen- trinitramina<	1965
19650067057	Research on adaptation to cold <untersuch- ungen zur kalteanpassung<	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650067059	Relationship of peripheral volume pulse amplitude to arterial pressure variations <uber die beziehungen der amplitude peripherer volumenpulse zu den arteriellen druckanderungen<	1965
19650067060	Phonocardiography, sphygmography and oscillography <phonocardiographie, sphygmographie et oscillographie<	1965
19650067061	Preliminary research on laminating polyurethane systems of exceptional thermal stability with attendant good mechanical properties progress report	1965
19650067062	Properties of glasses at elevated temperatures progress report no. 30, 1 apr. - 30 jun. 1965	1965
19650067063	Stress corrosion cracking in martensitic high strength steels quarterly progress report, 1 feb. - 30 apr. 1965	1965
19650067064	Preparation of polyphenylene	1965
19650067065	Vacuum regenerable carbon dioxide and water removal system test final report	1965
19650067066	Investigation of the accuracy of an electrolytic moisture meter at the 1 x 10 minus 6 ata. level	1965
19650067070	Handbook of thermal design data for multilayer insulation systems- design of high-performance insulation systems, volume vi	1965
19650067071	Three-dimensional insulation penetration model- design of high-performance insulation systems, volume iii and volume iii supplement	1965
19650067074	Investigation of leakage and sealing parameters final report, feb. 1964 - feb. 1965	1965
19650067075	An observation of the satellite perturbation produced by the solar tide	1965
19650067077	Proton magnetic resonance studies of adsorbed water on magnesium oxide	1965
19650067078	Phase equilibria in the thorium-carbon system	1965
19650067079	Nerva components irradiation program. volume 6- gtr test 15	1965
19650067080	Dynamic qualification test procedure. isis-x dual spacecraft support and spin system	1965
19650067081	Radial insulation penetration model. volume iv- design of high-performance insulation systems final report	1965
19650067083	<renal and vascular changes produced by weightlessness, for the purpose of defining and verifying an experiment for use in a biosatellite< report of progress	1965
19650067084	Monitoring of solar activity at 8-hours east longitude and an investigation of related solar phenomena sixth semiannual report /final/, 1 mar. - 31 aug. 1965	1965
19650067085	Failure reporting summary, sa-8, pre-launch, test and checkout at ksc	1965
19650067086	Results of sound pressure level measurements during sa-9 launch. part ii- octave time histories and spectral distribution diagrams	1965
19650067087	Results of sound pressure level measurements during sa-8 launch. part i- overall time histories	1965
19650067088	The modularized vehicle simulation /mvs/ system	1965
19650067089	Orbit transfer and rendezvous maneuvers between inclined circular orbits	1965
19650067092	Radiogoniometric investigation of thunderstorms and clouds of great electrical activity /on large thunderstorms in the mediterranean area/ final technical report, jun. 1963 - jun. 1965	1965
19650067093	A review of the minuteman propulsion surveillance program for assessing rocket motor service life progress report, jan. 1960 - jun. 1965	1965
19650067094	A high temperature x-ray diffraction experiment with uranium sesquicarbide	1965
19650067095	Operation roller coaster- technical photography	1965
19650067096	Electron impact ionization cross section data for atoms, atomic ions and diatomic molecules i- experimental data	1965
19650067097	Evaluation and development of an instrument autorotation procedure for the model sh-3a helicopter final report	1965
19650067098	Design and data handbooks - an annotated bibliography	1965
19650067099	Development of a parachute system for the high-drag bomb	1965
19650067100	A simple negative impedance circuit with no internal bias supplies and good linearity	1965
19650067101	The design of thyristor controlled current stabilised d.c. power supplies	1965
19650067103	Test of three motorola integrated circuits	1965
19650067104	Measurement of the anisotropy in the radial neutral gas pressure	1965
19650067105	Design of a load relief control system first quarterly progress report	1965
19650067106	Approximating wind statistics for vertically rising vehicles	1965
19650067107	A model for a launch vehicle	1965
19650067108	<theoretical and experimental investigations of spacecraft antenna problems in the varied operational environments of far-out-space and atmospheric re-entry, including considerations of immersion in a hot plasma sheath< semiannual status report, feb. 1 - jul. 31, 1965	1965
19650067109	Interagency MHD-EHD Panel Meeting	1965
19650067110	Nasa-Lewis Research Center Contractual Program in MHD Power Generation	1965
19650067111	Electro-Fluid Dynamic Energy Conversion Processes for Power Generation	1965
19650067112	Re-entry physics research semiannual technical summary report, 25 mar. - 30 jun. 1965	1965
19650067113	Ultrasonic and electrostriction. generation of ultrasonics by electrostriction	1965
19650067114	Ultrasonics and electrostriction	1965
19650067115	Generation of ultrasonics by electrostriction	1965
19650067116	The effect of creep on the high-strain fatigue behaviour of a pressure vessel steel	1965
19650067117	Effect of tetraalkylammonium hydroxides on the electrode kinetics of the chromi-chromocyanide couple	1965
19650067118	Translations from electronic technology	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650067119	The design and manufacture of type a lc oscillators with high stability and no grid current	1965
19650067120	The structural type and method of manufacture of wave guides	1965
19650067121	Weather radar	1965
19650067122	Seasonal models of air density, temperature and wind between surface and 25 km for four geographic zones	1965
19650067123	Seismic discrimination semiannual technical summary report, 1 jan. - 30 jun. 1965	1965
19650067124	The sfm data generator final report, oct. 1964 - may 1965	1965
19650067125	Stability of a class of differential equations with a single monotone increasing nonlinearity	1965
19650067126	Terminal radiation program, trap, volume i semiannual report, 1 jan. - 30 jun. 1965	1965
19650067127	Research on mitigation of spline wear by means of lubrication summary technical report, 13 may 1964 - 13 may 1965	1965
19650067128	On the annual variation of pressure, temperature, and density below 30 km. project cell structure of the atmosphere	1965
19650067130	Fulton aerial recovery system for c-123 aircraft	1965
19650067131	Investigation of particle growth and ballistic effects on solid-propellant rockets second quarterly technical progress report, 1 apr. - 30 jun. 1965	1965
19650067132	Investigation of solid propellant rocket motor cases quarterly interim technical report, 22 mar. - 21 jun. 1965	1965
19650067133	Technical description of an/gps-t2 radar signal simulator	1965
19650067134	The time-of-flight method for investigations of single-crystal structures	1965
19650067135	Supersonic flow about right circular cones at zero yaw in air at chemical equilibrium. part i- correlation of flow properties	1965
19650067136	Synthesis and characterization of polyxyly- lidenes technical report, aug. 1963 - aug. 1964	1965
19650067137	Latent hardening in aluminum	1965
19650067139	The synthesis of phenylene - r polymers technical documentary report, 1 apr. 1964 - 29 feb. 1965	1965
19650067140	Turbulent boundary layer and wake calculations for a 15 deg cone	1965
19650067141	Physics research progress for 1964	1965
19650067143	Particle drifts in magnetic fields	1965
19650067144	The detection performance for some cases of multiplicative radar signal processing	1965
19650067145	Uniform work function cathode studies final report, 12 jul. 1962 - 28 feb. 1965	1965
19650067146	Microwave reflection and transmission data from a shock tube plasma experiment	1965
19650067148	Improved lamination processes final report	1965
19650067149	Fluids, lubricants, fuels and related materials technical report, 15 dec. 1963 - 14 dec. 1964	1965
19650067150	On the theory of combustion of powder and explosives	1965
19650067151	Polyurethane plastic polymer formulation for elevated temperature foaming	1965
19650067152	A report on the plutonium cores of zenith	1965
19650067153	Scale-up of the glass-making stage of the fmgal process /for the fixation of radio- active wastes in glass/	1965
19650067154	Accurate Calculations of Atomic Photo-Ioniza- Tion Cross Sections	1965
19650067157	Reliability and quality assurance program eleventh quarterly report, apr. - jun. 1965	1965
19650067158	Precision angular vibrator readout electronics	1965
19650067159	On the techniques for observing fission gas bubbles in uranium	1965
19650067160	Study of the estimation of certain trace impurities by fluorimetric methods final technical report, 1 may 1964 - 30 apr. 1965	1965
19650067161	Use of model tests to determine the elasticity of piping systems	1965
19650067162	High power ferrite gas duplexer quarterly progress report, mar. 11 - jun. 10, 1965	1965
19650067179	Mhd electrical power generation research at the electricite de france	1965
19650067180	Acoustics activities in the northern half of west germany	1965
19650067181	Facilities for low- and medium-energy nuclear physics in western europe	1965
19650067182	Acoustics research at the university of southampton	1965
19650067183	Nuclear physics and radiobiology at the grenoble nuclear research center	1965
19650067184	Acoustics in the midlands and north england	1965
19650067185	Jp-5 contamination by navy special fuel	1965
19650067186	Applications report on development of manu- facturing methods for indium arsenide infrared detecting cells technical report, 1 jun. 1963 - 31 dec. 1964	1965
19650067187	On the accuracy of the three components partial delta g/with respect to xi at low elevations derived from gravity anomalies scientific report no. 14	1965
19650067188	Mechanisms of fatigue in 1100-0 and 2024-t4 aluminum technical report, 1 apr. 1964 - 31 mar. 1965	1965
19650067189	Neutron flux spectra determination by foil activation. volume iii- spectrum analysis neutron detector 1 /sand 1/ computer code technical report, mar. 1964 - jun. 1965	1965
19650067190	Official sea level high and low temperature qualification tests of lycoming t53-l-7 turboprop engine final report, 11 mar. - 7 apr. 1965	1965
19650067191	Physiological tolerance study of chimpanzees breathing 100 percent oxygen at 5 p.s.i.	1965
19650067192	Comparative evaluation of usaf standard a/p22s-2 and improved p/p22s-2a high altitude, full pressure flying outfits	1965
19650067193	Consideration and implications of requirements for a c-band range safety/command system	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650067194	A study of system coupled instability analysis techniques. parameter identification and test simulator description quarterly report no. 1, may - aug. 1965	1965
19650067195	High energy oxidizers in solution technical progress report no. 1 /annual/, jul. 1, 1964 - may 15, 1965	1965
19650067196	Development of gallium arsenide-phosphide graded band-gap base transistor structures summary engineering report, 23 jun. 1964 - 23 jun. 1965	1965
19650067197	The eltanin vlf phase experiment	1965
19650067198	Time-resolved profile measurements of impurity lines in a theta pinch discharge	1965
19650067199	The x-ray thermal expansion of near- stoichiometric uo2	1965
19650067200	Leitz "aristophot" macro camera for use with alpha-active specimens	1965
19650067201	Development of radio interference measuring set an/urm-110 /xe-1/ progress report, 1 jan. - 31 mar. 1965	1965
19650067202	Comparison of upper-air conditions over wsmr, utah, and germany	1965
19650067203	An evaluation of red electroluminescent lamps interim report	1965
19650067205	Design of high performance insulation systems, volume i summary report	1965
19650067206	Satellites and probes monthly program progress report, aug. 1965	1965
19650067207	Stamp- space technology analysis and mission planning, volume ii final report	1965
19650067208	Sodium vapor experiment twelfth monthly progress report, 1-31 jul. 1965	1965
19650067210	Development of hydrothermal method for growing high purity single crystals of beryllium oxide and lead metaniobate progress report, 1 jan. - 31 mar. 1965	1965
19650067212	Allocation of scarce resources aboard an orbital laboratory	1965
19650067215	Study of superconductors by means of monochromatic phonons first quarterly report, 15 jun. - 15 sep. 1965	1965
19650067216	Electronic control of laser beams final report, 26 feb. - 26 may 1965	1965
19650067217	Light-beam scanning using conical refraction and optical activity	1965
19650067218	Installation of a whole body counter at the united states naval medical research unit no. 2	1965
19650067219	Lightweight thermal protection system development. volume ii- insulation material data and test apparatus	1965
19650067221	Development of coated superalloy components for gas turbine engine applications second quarterly progress report	1965
19650067223	Coordination chemistry in certain non aqueous solutions final technical report, 1 jul. 1964 - 30 jun. 1965	1965
19650067224	Future projects office planning information and activity report	1965
19650067225	The development of resistance jet thruster systems monthly progress report no. 9, may 1965	1965
19650067227	The nae hypersonic gun tunnel. part i- the compression heater	1965
19650067229	Design investigation of cylindrical structures other than honeycomb quarterly progress report, 1 jun. - 31 aug. 1965	1965
19650067231	Studies and experimental work on atomic collision processes occurring in atmospheric gases final report, 1 oct. 1962 - 15 nov. 1964	1965
19650067232	Hf measurements using extended chirp-radar techniques technical report no. 103	1965
19650067233	Reliability program plan/component environmental test program plan.2 volume v- environmental acceptance test plan	1965
19650067234	Acrylic chamber firings 93-pound-thrust, ablatively cooled, pulse-modulated bipropellant rocket engine	1965
19650067235	Derivation of a comprehensive engineering experiment program for manned earth-orbital missions	1965
19650067236	The appearance of the second diastolic wave in the venous pulse <zur entstehung der zweiten diastolischen welle im venenpuls>	1965
19650067237	The turbobfan ramjet meets high mach number requirements with current technology <le turbo-stato forme actuelle de moteur atmospherique pour tres grands nombres de mach>	1965
19650067239	Relationship of the peripheral volume pulse amplitude to arterial pressure amplitude <uber die beziehungen der amplitude peripherer volumenpulse zur arteriellen druckamplitude>	1965
19650067240	Mathematical analysis of the damping and reflection of pulse modes <zur mathematischen behandlung der dämpfung und reflexion der pulswellen>	1965
19650067241	Effects of hypoxia on the speed of the pulse- wave in muscular-type arteries <effeti dell'ipossia sulla velocita dell'onda sfigmica in arterie di tipo muscolare>	1965
19650067242	An x-band spectrometer for detection of paramagnetic resonances <ein x-band-spekto- meter zum nachweis paramagnetischer resonanzen>	1965
19650067243	Sphygmography as an aid in clinical circula- tion diagnostics <die arterienpulsschreibung als hilfsmittel in der klinischen kreislaufdiagnostik>	1965
19650067244	Regulation of the cardiac output under thermal stress in the climatic chamber <die regulation des herzzzeitvolumens bei thermischen belastungen in der klimakammer>	1965
19650067245	Modifications of the sphygmogram during senescence <les modifications du sphygmo- gramme au cours de la senescence>	1965
19650067246	The sphygmogram during labor pains <das sphygmogramm wahrend der wehentatigkeit>	1965
19650067247	Correlation between venous pulse and auricular pressure <die beziehungen des venenpulses zum vorhofdruck>	1965
19650067248	Electron-optical image converter and image intensifier, part ii <elektronenoptische bildwandler und bildverstarker. teil ii>	1965
19650067249	A method of measuring the principal routes of calcium metabolism in man <methode de mesure des principales voies de metabolisme calcique chez l'homme>	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650067250	Studies on brain circulation and cerebral edema. part ii- problem of the innervation of cerebral vessels <studien uber hirncirculation und hirnodem. zweite mittheilung- zur frage der innervation der hirngefasse<	1965
19650067251	Crystalline nature of low-temperature, polymerized vinyl chloride	1965
19650067252	On the occurrence of some rare bismuth minerals in a lead-bearing mineralization of the tende region /alpes-maritimes/ <sur la presence de quelques mineraux rares de bismuth dans une mineralisation plombifere de la region de tende /alpes-maritimes/<	1965
19650067253	Nature of contrast when employing electron- probe microanalyzer as scanning electron microscope <utilisation d'un microanalyseur a sonde electronique comme microscope electronique a balayage - nature du contraste<	1965
19650067254	Tos radiation test, series number 1 engineering report, oct. 1964	1965
19650067255	Tos radiation test, series no. 2 engineering report, feb. 1965	1965
19650067256	Tos radiation program report- analysis and evaluation of test results	1965
19650067257	Existing meteorological rocket systems /supplement to rsic-181/	1965
19650067258	Complexions and stress corrosion cracking of alpha-brass	1965
19650067259	Development of manufacturing methods for the production of infiltrated tungsten composite rocket nozzle inserts interim engineering progress report, 1 jun. - 31 aug. 1965	1965
19650067260	Gas turbine hot corrosion research and alloy development	1965
19650067261	Effect of a finite conical plasma sheath on the radiation field of a dipole	1965
19650067262	On the lateral vibration of rotating, orbiting cables	1965
19650067263	F-5n limited flight evaluation	1965
19650067264	Research on criteria for selection of alloys and surface treatments for inhibition of tungsten oxidation. part ii- studies on the chemical and physical properties of ternary phases containing tungsten and oxygen annual report, jul. 1, 1964 - jun. 30, 1965	1965
19650067265	Materials investigation, snap 50/spur program. part iii- mass-transfer of tzm by potassium in boiling-refluxing capsules technical documentary report, jul. 1964 - apr. 1965	1965
19650067266	Fracture toughness, fatigue-crack propagation and corrosion characteristics of aluminum alloy plates for wing skins quarterly report, jun. 3 - sep. 3, 1965	1965
19650067269	Transient radiation instrumentation equipment study final report, 1 dec. 1964 - 31 may 1965	1965
19650067270	Quantum efficiency of the 2537-angstrom. photolysis of a mixed phenyl-methyl polysiloxane	1965
19650067271	Capability and cost study for component and model test facility. phase i, supplement i- analytical methods for the design of multi- stage gas-driven ejector systems with interstage cooling technical report, dec. 16, 1963 - jan. 1, 1965	1965
19650067272	Expandable structures design handbook final report, 15 jul. 1962 - 12 jul. 1963	1965
19650067273	Vtol and helicopter approximate transfer functions and closed-loop handling qualities final report	1965
19650067274	The determination of design criteria for grade cfz graphite final summary report 1 jul. 1963 - 31 mar. 1965	1965
19650067275	Electronic timers for ordnance, volume 1	1965
19650067276	Application of semi-conductor devices to high power duplexers fourth quarterly report, 1 jan. - 31 mar. 1965	1965
19650067277	Research and investigation on satellite attitude control. part ii- investigation of space vehicle attitude control techniques technical report, jan. 1963 - apr. 1964	1965
19650067278	Rotor-bearing dynamics design technology. part v- computer program manual for rotor response and stability technical report, 1 apr. 1964 - 1 apr. 1965	1965
19650067279	Radiation from a waveguide aperture covered by a thin plasma layer	1965
19650067280	Dislocation mobility and pinning in hard materials through internal friction studies technical report, feb. 1, 1964 - jan. 31, 1965	1965
19650067281	Charts of normal shock wave properties in imperfect air. /supplement- ms equals 1 to 10/	1965
19650067282	Research and investigation of redundancy techniques for nonelectronic elements technical report, feb. 1964 - apr. 1965	1965
19650067283	Classification of riemannian spaces technical report no. 39	1965
19650067284	Radiation effects quarterly progress report, task ii, 1 apr. - 30 jun. 1965	1965
19650067285	Force and pressure tests on a semi-span delta wing at supersonic speeds	1965
19650067288	Evaluation of significant design properties for one-inch hp 9-4-45 and d6ac ultra high strength steel plate	1965
19650067289	Design, development, and fabrication of an ultra-high-resolution cathode-ray tube second quarterly report, 5 apr. - 5 jul. 1965	1965
19650067291	Study to establish transient suppression techniques and criteria, phase iv- summary and conclusions final report	1965
19650067292	Complete system thermal model. design of high-performance insulation systems, volume ii with supplement	1965
19650067293	Quality requirements for calibration systems	1965
19650067294	Results of sound pressure level measurements during sa-8 launch. part ii- octave time histories and spectral distribution diagrams	1965
19650067298	Stamp. space technology analysis and mission planning, volume iii general report /final/	1965
19650067299	A wide-angle slitless spectrograph for astronomical spectroscopy in the ultraviolet semiannual status report, period ending 30 jun. 1965	1965
19650067301	Nasa propellant gas valve scale-up program quarterly progress report no. 7, may 15 - aug. 15, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650067302	Piga test methods and data analysis techniques	1965
19650067303	Positive distortion lens study final report	1965
19650067304	Some electrical properties of zroz films	1965
19650067305	Analysis and preliminary design of engineering experiments for manned earth-orbital missions. part ii- four experiment designs for the manned earth-orbiting laboratory	1965
19650067306	Analysis and preliminary design of engineering experiments for manned earth-orbital missions. part i- space flight requirements for satellite recovery	1965
19650067307	Thick target bremsstrahlung production in silicon	1965
19650067311	U. s. government metalworking processes and equipment program third status report	1965
19650067312	Measurement and filtering techniques for orbital navigation, part ii- computer program technical report, aug. 1964 - jul. 1965	1965
19650067313	Suu-23/a design study report	1965
19650067314	Semiconductor diodes as radiation sources	1965
19650067315	Surface states and barrier height in metal- semiconductor surface barrier diode	1965
19650067317	Some aspects of modern optics	1965
19650067318	Image intensifier instruments for acquisition of weak targets	1965
19650067320	S-c band o-type multipurpose twt manufacturing methods program interim engineering progress report, 1 may - 1 aug. 1965	1965
19650067321	Statistical extrapolation in certain adaptive pattern-recognition systems technical report, mar. 1964 - may 1965	1965
19650067325	Ablative materials evaluation in fluorinated oxidizer environment technical report, jun. 1963 - jun. 1965	1965
19650067328	Janaf heat of formation of propellant ingredients, series c	1965
19650067329	Cx-6 v/stol assault transport support system study, volume ii, section ii final report	1965
19650067330	Development of a propellant containing a high- energy oxidizer final technical progress report, 1 jun. 1964 - 31 may 1965	1965
19650067331	Integrated components program, phase i. volume 2- appendixes	1965
19650067332	Advanced propellant synthesis, april 1 - june 30, 1965	1965
19650067333	Application of dta to the thermal decomposi- tion of propellant and propellant ingredients	1965
19650067334	Development of a hypersolid ignition system first quarterly technical progress report, 1 may - 31 jul. 1965	1965
19650067335	Investigation of liquid-metal hydrides second quarterly progress report	1965
19650067337	Reta encapsulation of high energy oxidizer final report	1965
19650067338	Theoretical evaluation of hybrid propellant systems	1965
19650067339	Manufacturing methods for high energy metal hydrides interim engineering progress report, 1 apr. - 31 jul. 1965	1965
19650067340	Formulation and evaluation of liquid propellant dispersions technical quarterly progress report no. 4, 1 mar. - 31 may 1965	1965
19650067344	The investigation and demonstration of metallic cooled nozzles final program report, 15 apr. 1964 - 16 apr. 1965	1965
19650067346	Formulation and evaluation of liquid propel- lant dispersions annual summary report, 1 apr. 1964 - 28 feb. 1965	1965
19650067347	The afrpl ballistic test and evaluation system /bates program/	1965
19650067349	Electron acceptors as electron scavengers in the ionosphere	1965
19650067350	Production of 1- and 2-methyl-5-vinyltetrazole monomers and 2-methyl-5-vinyltetrazole polymer	1965
19650067351	Preliminary feasibility study of ceramic batteries for timer applications	1965
19650067353	Wx 5034 x-band traveling-wave tube final report, jul. 1962 - jan. 1965	1965
19650067356	Laboratory simulation of the thermal effects of nuclear detonations using a pulsed arc image furnace technical report, apr. - nov. 1964	1965
19650067362	Spectrometric evaluation of metal containing fuels first quarterly technical report, 1 jun. - 31 aug. 1965	1965
19650067363	Chemistry of rare gas compounds third quarterly technical summary report, 1 may - 31 jul. 1965	1965
19650067364	Investigation of a high-energy monopropellant quarterly report, jun. 8 - sep. 7, 1965	1965
19650067365	Investigation of a high-energy monopropellant quarterly progress report, mar. 8 - jun. 8, 1965	1965
19650067366	Synthesis of high energy solid oxidizer binder propellants quarterly progress report no. 10, apr. - jun. 1965	1965
19650067370	Pivotable acorn thrust vector control technical report, 18 may 1962 - 17 apr. 1963	1965
19650067371	Solid propellant synthesis and evaluation semiannual report no. 2, 1 oct. 1964 - 1 apr. 1965	1965
19650067372	Design and evaluation of radiation-cooled nozzle for liquid rocket engine final report, jul. 1963 - feb. 1965	1965
19650067373	156 inch diameter motor movable nozzle program final technical engineering report, 1 jul. 1963 - 15 jan. 1965	1965
19650067375	Results of a wind tunnel test of two proposed versions of the maw missile	1965
19650067376	Hypergolic ignition at reduced pressures final report, may 1964 - feb. 1965	1965
19650067377	Preparation of hypergolic liquid propellant combinations quarterly progress report, 15 jun. - 15 sep. 1965	1965
19650067388	Transactions of the research and experimental flight institute- conference on the fabrica- tion of turbine blades. part i- fundamentals of design, materials and machining	1965
19650067389	Main requirements for materials for gas turbine blades and typical properties of high- temperature materials	1965
19650067390	Material for gas turbine blades and their treatment	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650067391	Requirements for the fabrication of blades for an axial compressor in terms of the thermo- dynamic stage parameters	1965
19650067392	Effect of design and technology on strength and service-life of gas-turbine blades	1965
19650067393	Thermal stresses in combustion turbine rotor blades	1965
19650067394	Appearance of excitation forces during rotor- blade vibrations	1965
19650067395	Results obtained in measurement of dynamic stress on blades of an axial-flow compressor	1965
19650067396	A contribution to the damping of oscillations in the blades of an axial-flow compressor	1965
19650067397	Design methods for axial compressor blades	1965
19650067398	Influence of gas turbine blade shape and surface irregularities on aerodynamic parameters of the blade	1965
19650067399	Influence of production blade tolerances on main 48 parameters of combustion turbines	1965
19650067400	Development of new and improved high-temper- ature solid film lubricants second summary report, 15 feb. - 15 jan. 1965	1965
19650067401	Synthesis of new fire resistant hydraulic fluids bimonthly status report no. 2, 25 may - 25 jul. 1965	1965
19650067402	A method for continuous measurement of tritiated water in air	1965
19650067403	A data handling system primarily for use with on-line sonic spark chamber experiments	1965
19650067404	Marine towing connections for use in waves	1965
19650067405	Development of the 23ks20000 motor for the black brant 11b vehicle	1965
19650067406	Simulation of the canadair cl-84 tilt-wing aircraft using an airborne v/stol simulator	1965
19650067408	Stamp - space technology analysis and mission planning, volume i- summary final report	1965
19650067409	Cryogenic insulation research quarterly progress report no. 4, 1 jun. - 1 sep. 1965	1965
19650067410	Continuing study for early lunar flare /elf/. volume ii- technical discussion final report	1965
19650067411	Continuing study for early lunar flare /elf/. volume 1- summary final report	1965
19650067413	Cyclic heat conduction through two-layer insulation	1965
19650067416	Study of the application of advanced solid and hybrid systems to space missions sixth research contract status report, 11 jul. - 11 aug. 1965	1965
19650067418	Effects of plant growth hormones on plant development in the absence of gravitational effects second semiannual report, mar. 1 - aug. 31, 1965	1965
19650067421	Saturn v improvement. study ms-ivb-1 and ms-ivb-2. volume iii- stress analysis final report	1965
19650067422	Study of the applicability of thermoplastic recording techniques to coherent optical processing	1965
19650067423	Theory of thermal diffusivity by pulse technique	1965
19650067427	The step response of digital simulations	1965
19650067430	Effects of nuclear radiation on frequency control devices final report, 1 sep. 1962 - 31 dec. 1964	1965
19650067433	Scale - space checkout and launch equipment. vol. ii-a- scale study, part i final technical report	1965
19650067434	An investigation into analytic and experiment- al methods of solution for practical flat plate thermal stress problems	1965
19650067436	Weight and performance status report, nasa agena satellite and probe missions	1965
19650067437	Review and analysis of pulse curve recording <kritisches zur pulskurvenregistrierung und ihrer auswertung>	1965
19650067439	The permeation of salt water through protec- tive coatings using radioactive tracer techniques ninth progress report, 15 jun. 1964 - 15 jun. 1965	1965
19650067440	Advanced study on optical communications from deep space third interim technical documentary report	1965
19650067441	Scale - space checkout and launch equipment. volume ii-c- scale experiments for orl application final technical report	1965
19650067442	Additional data on the mineralizations of chizeuil /saone-et-loire/ <precisions nouvelles sur les mineralisations de chizeuil /saone-et-loire/	1965
19650067443	X-ray microanalysis developed from the castaing-guinier technique in the aldermaston research laboratory of the associated elec- trical industries <developpement de la micro- analyse par rayons x au laboratoire de recherche a. e. i. a aldermaston d'apres la technique de castaing-guinier->	1965
19650067444	Sib polymer development quarterly report, 1 may - 31 jul. 1965	1965
19650067445	Dependence of breeding upon some design parameters of large fast reactors	1965
19650067446	Advanced study on optical communications from deep space second interim technical documentary report	1965
19650067447	Microscopic observations supporting the theory of lead ion supersaturation as the cause of the initial voltage minimum in the discharge curve of the lead-acid battery	1965
19650067448	The effect of g392 grease on the corrosion of low carbon steel-stainless steel couples	1965
19650067449	Electrode heat transfer in the rotated arc	1965
19650067450	Kinetic studies of the formation and the decomposition of the dimer of 2,4-tolylene diisocyanate	1965
19650067452	Gemini spacecraft instrumentation system specification, volume iii	1965
19650067454	Propulsion development department review. chapter 6- propulsion testing, evaluation, and facilities, june 1964 - may 1965	1965
19650067455	Neodymium laser glass improvement program technical summary report, 1 jan. - 30 jun. 1965	1965
19650067456	Research and experimentation, aerophysics program semiannual progress report, 1 jul. - 30 sep. 1964	1965
19650067458	Investigation of the interaction between stress waves and transient solid state phenomena quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650067460	Note on the measurement of intensities of x-ray powder diffraction photographs	1965
19650067461	Preliminary report on the thermodynamic properties of selected light-element and some related compounds thirteenth technical summary report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650067464	An application of mueller's monte carlo method for evaluating the stream function in a two- dimensional, irrotational, incompressible flow in a bellmouth inlet	1965
19650067465	Measured circular intake performance in inclined flow for a series of semi-circular lip profiles	1965
19650067466	A novel method for the calibration of radio- metric instruments	1965
19650067467	Scale- space checkout and launch equipment. volume iii- research and technology implications final report	1965
19650067470	The fabrication and evaluation of a cryogenic density measuring system final report	1965
19650067471	On the saturn ib improvement study p-114b /liquid first stage and boost assist/. volume i- summary report final report	1965
19650067472	Development of ultrahigh strength, low density aluminum plate composites second annual report, progress report no. 24, 1 jul. 1964- 30 jun. 1965	1965
19650067474	Project gemini digital computer/rendezvous radar interface characteristics	1965
19650067475	Analysis of electromagnetic radiation hazards in gemini and target docking adapter pyro- technic systems	1965
19650067476	Gemini program experiments data requirements, addendum 1	1965
19650067477	Discrepancy analysis of preflight equipment failures	1965
19650067478	Saturn ib improvement study solid first stage, volume 1	1965
19650067480	Development of a molecular beam accelerator	1965
19650067481	Synthesis of non-commercially available compounds, volume i first annual report, 15 apr. 1964 - 14 apr. 1965	1965
19650067484	A contribution to the study of the combustion of composite propellants <contribution a l'etude de la combustion des poudres composites<	1965
19650067485	Attenuated total reflectance spectra of paper coating materials	1965
19650067486	Digital simulation using approximate methods	1965
19650067489	Annotated bibliography on selected topics in materials deterioration	1965
19650067490	Multiple channel physiological data acquisi- tion system for restrained and mobile subjects	1965
19650067491	Calculation of the thermal radiation emitted by water vapour at high pressures and temper- atures	1965
19650067492	The slide indicator, a modern instrument for examining the sliding behaviour of materials and lubricants	1965
19650067494	An evaluation of several structural adhesives for use at elevated temperatures	1965
19650067495	The determination of lead in "lead-free" millboard by x-ray fluorescence spectroscopy	1965
19650067496	Development of flexible epoxy resins and coatings quarterly report, 11 mar. - 10 jun. 1965	1965
19650067498	Ophthalmological effects of intense light beams technical documentary report, jun. 1963 - jun. 1964	1965
19650067499	An experimental study of spouting beds of spheres	1965
19650067502	Investigation and optimization of high strength alloys for cryogenic stretch-forming quarterly report, 1 jul. - 30 sep. 1965	1965
19650067503	Comparison of dynamic shear modulus measure- ments on two damping materials	1965
19650067507	Dual-chamber controllable solid propellant rocket motor quarterly progress report, 1 oct. - 31 dec. 1964	1965
19650067508	Propulsion development department review. chapter 4- explosives and pyrotechnics, june 1964 - may 1965	1965
19650067509	Cx-6 v/stol assault transport support system study, volume i summary final report	1965
19650067515	Cx-6 v/stol assault transport support system study, volume ii, section v final report	1965
19650067516	Cx-6 v/stol assault transport support system study, volume ii, section iii final report	1965
19650067517	Human factor problems in anti-submarine warfare- observations on the evaluation of the tresi target classification system	1965
19650067519	Coherent integration of 100-nanosecond pulses at a 60-megacycle intermediate frequency	1965
19650067521	Cx-6 v/stol assault transport support system study, volume ii, section iv final report	1965
19650067523	Design study of the ms-ii stage for the modified launch vehicle /mlv/ saturn v. volume vi- briefing summary report final report	1965
19650067524	Studies of infrared radiative transfer in hot gases. i- special absorptance measurements in the 2.7-mu h20 bands	1965
19650067528	Certain pathological findings on experimental animals at long lasting oxygen inhalation	1965
19650067530	Coding vs transmission improvement for dcs 12,000 nm design goal circuit	1965
19650067533	Phase stabilization of nss vlf transmissions first quarterly progress report, 3 dec. 1964 - 2 mar. 1965	1965
19650067534	The corrosion of hafnium in steam and oxygen at 500 deg c	1965
19650067537	Experiments in tactual perception	1965
19650067538	Development of a closed-cycle hydrostatic suspension gyro with an integral gas-bearing pump final report	1965
19650067539	Saturn ib improvement study solid first stage, volume 2	1965
19650067540	Study of metal-oxide semiconductor systems to increase reliability of silicon integrated circuits technical summary report, 20 may 1964 - 19 jun. 1965	1965
19650067541	Investigation of variations in antenna characteristics with distance final report	1965
19650067542	Weight and performance status report, nasa agena satellite and probe missions, 1 august 1965	1965
19650067543	Sa-10 flight test data report	1965
19650067544	Cybernetics in social sciences	1965
19650067547	Mechanisms of deformation in polycrystalline magnesium oxide technical report, 1 feb. 1964 - 15 mar. 1965	1965
19650067548	Lorv program acoustic noise ground test evaluation/analysis report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650067549	Wind tunnel investigation to determine static stability and pressure distribution characteristics of small-scale models of the titan iii-x/agera launch configuration at mach numbers from 0.60 to 3.13	1965
19650067550	Magnetocrystalline anisotropy of ytterbium iron garnet yb3fe5o12	1965
19650067551	Analysis for impurities in beryllium	1965
19650067552	The catalytic reactivity of metal oxides on the thermal decomposition of potassium chlorate quarterly progress report, 22 mar. - 31 may 1965	1965
19650067553	Operational performance standards- an/gps-t4/v/ radar signal simulator usaf f-106a performance tables	1965
19650067555	Saturn ib improvement studies /phase i/ executive summary report	1965
19650067556	Scale - space checkout and launch equipment. volume i- summary report final report	1965
19650067557	Cumulative fatigue damage survey special technical report no. 20	1965
19650067563	Ms-ic stage for modified launch vehicle /mlv/ saturn v program plan	1965
19650067564	The relationship of new order to shipments of defense products	1965
19650067565	Radar altimeter, ryan model 520 final engineering report	1965
19650067566	A method of solving sets of non-linear algebraic equations progress report no. 1	1965
19650067567	Weight and performance status report, nasa agena satellite and probe missions	1965
19650067568	Ionoscatter communications- new design concepts and experimental results	1965
19650067569	Studies of the effect of laser radiation of chemical activation and vapor fog nucleation quarterly progress report no. 3, jan. - mar. 1965	1965
19650067570	Face pumped laser semiannual technical summary report, 1 dec. 1964 - 31 may 1965	1965
19650067571	Continuous representations in the statistical theory of electronic energies. the h2 plus ion	1965
19650067572	Oasis antenna pointing program /ant/	1965
19650067573	Model kc-130f and ov-1b aircraft- air refuel- ing flight compatability evaluation final report	1965
19650067574	Observations of the sun in the extreme ultra- violet	1965
19650067575	Membrane design for stiffened cylindrical shells under uniform pressure	1965
19650067576	Laboratory studies of target recognition using terrain simulation. part i- effects of altitude, lateral target offset, background type, and target type	1965
19650067578	A 24-inch diameter shock tube	1965
19650067580	Integrated magnetic variable gain networks second interim technical report, 1 apr. - 1 jul. 1965	1965
19650067581	50 kv pulse cable assemblies final report	1965
19650067590	R.r.e. journal, no. 52	1965
19650067591	The performance of ideal receivers of optical, infra-red and radio-frequency radiation	1965
19650067592	Far infra-red photoconductivity	1965
19650067593	Far infrared measurements on thermonuclear plasmas	1965
19650067594	A comparison of two methods of detecting a signal of unknown phase in the presence of noise	1965
19650068742	Techniques of radio frequency mass spectrometry semiannual status report	1965
19650069067	Programming and data processing effort for the mariner-c cosmic ray telescope status report no. 1, apr. 1 - sep. 30, 1964	1965
19650069235	Analysis and improvement of iteration methods for solving automatic control equations semiannual status report	1965
19650069341	Nasa-nsta youth science congresses progress report, oct. 1964 - jan. 1965	1965
19650069342	Quarterly progress report no. 3, 1 november through 31 december 1964	1965
19650069349	Status report no. 2 and 3, 1 september 1963 - 28 february 1964 and 1 march - 31 august 1964	1965
19650069456	An investigation of a sono-chemical approach in sterilization problems first semiannual progress report, 1 jul. 1964 - 1 jan. 1965	1965
19650069502	<studies of constituents, compositions, and textures of meteorites, and their bearing on theoretical problems-> semiannual report, jul. 1 - dec. 31, 1964	1965
19650069534	Experimental and theoretical research on plasma sheaths and boundary layers around stagnation point electrodes semiannual progress report no. 1, 1 jul. - 31 dec. 1964	1965
19650069582	Study of heat transfer through convective layers status report	1965
19650069583	The mechanism of stress corrosion of titanium alloys exposed to sodium chloride at elevated temperatures quarterly status report, period ending jan. 31, 1965	1965
19650069589	<mass spectrometry and electron microprobe studies-> progress report, aug. 1, 1964 - jan. 31, 1965	1965
19650069697	<semi-annual status report-> april 1 - september 30, 1964	1965
19650069750	Progress report to the national aeronautics and space administration	1965
19650069764	<theoretical research investigations in plasma physics and magnetogasdynamics-> third semiannual report	1965
19650069807	<an investigation of the effect of nucleation of slip at the surface on the flow and fracture of beryllium-> quarterly progress report, 22 oct. 1964 - 21 jan. 1965	1965
19650069808	Fundamental research on metallic and stony meteorites final report, 1 jan. 1960 - 30 apr. 1964	1965
19650069832	<a study of the effects of protective filters and lenses on color judgement-> semiannual status report	1965
19650069895	<experiments for the development of four basic techniques employing the ascomycete neurospora crassa for use in biosatellite experimental flight-> final summary report	1965
19650069976	An investigation of the flow fields about delta and double delta wing at low speed semiannual progress report, 1 aug. 1964 - 31 jan. 1965	1965
19650070292	Low-power, low-speed data storage and processing techniques seventh progress report /fourteenth quarter/, sep. 1 - nov. 30, 1964	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650070293	<materials research investigations using the field ion emission microscope< status report, jul. 1 - dec. 31, 1964	1965
19650070294	Theoretical research on the periodic motion and stability of a small mass under the gravitational attraction of two heavy bodies status report no. 5, sep. 1, 1964 - feb. 28, 1965	1965
19650070296	Semiannual progress report, june 15 - december 15, 1964	1965
19650070471	Energy dissipation characteristics in tissue for ionizing radiation in space progress report no. 9, 1 dec. 1964 - 28 feb. 1965	1965
19650070472	<dispersion strengthened systems< progress report, jul. 15, 1964 - jan. 15, 1965	1965
19650070475	Conduct ground investigations of flight experiments on primates in long duration zero-g quarterly status report, dec. 1, 1964 - feb. 28, 1965	1965
19650070484	A non-technical report on the second coral gables conference on symmetry principles at high energy, january 20-22, 1965	1965
19650070485	Non-linear elasticity status report	1965
19650070527	The effect of surface reactions on fatigue failure status report, sep. 1, 1964 - feb. 28, 1965	1965
19650070544	Postdoctoral and senior postdoctoral resident research associateship program status report no. 2, dec. 1, 1965 - feb. 28, 1965	1965
19650070548	Polymer decomposition initiated by high energy radiation progress report, jun. 1964 - feb. 1965	1965
19650070549	Quarterly status report no. 3, 1 april 1965	1965
19650070550	Effect of protective coatings on the stress- corrosion properties of supersonic-transport skin materials ninth quarterly status report, 1 dec. 1964 - 28 feb. 1965	1965
19650070605	Handbook on environmental biology second status report, 1 dec. 1964 - 28 feb. 1965	1965
19650070606	Review on radio noise of natural origin technical report no. 82	1965
19650070648	Experimental and theoretical studies in planetary aeronomy quarterly progress report, 15 oct. 1964 - 15 jan. 1965	1965
19650070676	Experimental and theoretical studies in laboratory astrophysics semiannual status report no. 4, 1 aug. 1964 - 31 jan. 1965	1965
19650070678	Computer-oriented research in the space related sciences at the university of maryland	1965
19650070680	Semiannual progress report, 1 sep. 1964 - 28 feb. 1965	1965
19650070765	The human design	1965
19650070766	Nuclear technology and the fabric of government program of policy studies in science and technology paper no. 7	1965
19650070767	Study of structural and mineralogical significance of meteorite impact sites, including mineral paragenesis, high pressure polymorphs, microfractures and quartz lamellae second annual report, jan. - dec. 1964	1965
19650070777	Procedure for the design and optimization of a liquid propulsion system monthly progress report no. 1, 5 feb. - 5 mar. 1965	1965
19650070792	Exploratory studies and analysis of the problem of buckling of cylindrical shells with inclined stiffeners eleventh progress report, 16 oct. - 15 dec. 1964	1965
19650070803	Hydroplaning of aircraft tires first quarterly progress report, 15 oct. 1964 - 15 jan. 1965	1965
19650070804	Optical and radar investigations of simulated and natural meteors semiannual progress report, no. 3, 15 aug. 1964 - 15 feb. 1965	1965
19650070860	Quarterly status report for the period january 1, 1965 through march 31, 1965	1965
19650070862	A fundamental and feasibility study of ring- vortex gaseous-core cavity reactor first annual report, feb. 1, 1964 - jan. 31, 1965	1965
19650070863	<theoretical and experimental investigations of spacecraft antenna problems in the varied operational environments of far-out-space and atmospheric re-entry< semiannual report, 1 aug. 1964 - 31 jan. 1965	1965
19650070865	Semiannual status report, september 1, 1964 - february 28, 1965	1965
19650070866	Stress corrosion cracking of titanium alloys progress report, oct. 1 - dec. 31, 1964	1965
19650070945	Construction of a 61-inch lunar and planetary telescope progress report	1965
19650070946	<numerical stress analysis of star-perforated grains by means of the integral equation method< semiannual status report, aug. 1, 1964 - jan. 31, 1965	1965
19650071129	Quantitative investigation of the mineralogy and petrography of the stony and iron meteorites progress report, jul. 1964 - jan. 1965	1965
19650071130	Research on the measurement of the density of the martian atmosphere Status report no. 1, Sep. 1, 1964 - Feb. 28, 1965	1965
19650071132	<research on gas chromatographic systems to analyze certain chemical constituents of the surface of the moon< semiannual status report, aug. 1 - jan. 31, 1965 nonlinear-system analysis and synthesis	1965
19650071134	A study of bonding between glass and plastic in glass-reinforced plastics- phase ii quarterly progress report no. 4 /report no. 5/, nov. 1, 1964 - jan. 31, 1965 minimum-time control of a linear combination of state variables	1965
19650071135	Summary of experimental astronomy laboratory work lower bounds for eigenvalues	1965
19650071136	Quarterly status report, october 1 - december 31, 1964 research on structural adhesive properties over a wide temperature range	1965
19650071137	<semiannual status report, 1 august 1964 - 31 january 1965<a glossary of terms in the fields of gravimetric and celestial geodesy	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650071138	Theoretical and experimental investigation on modulation-inducing retrodirective optical systems monthly contract progress report no. 2, 20 nov. - 20 dec. 1964 filter design	1965
19650071169	Biodynamics of microecosystems first semiannual report, jul. 23, 1964 - jan. 23, 1965	1965
19650071309	Theoretical study of non-equilibrium ionization in the presence of electric and magnetic fields progress report no. 4, aug. 1, 1964 - feb. 28, 1965	1965
19650071310	Preparation of as-triazine /1,2,4-triazine/ and related compounds progress report, period ending mar. 31, 1965	1965
19650071314	Surface ionization phenomena	1965
19650071330	<an investigation of the cosmic abundance of the elements< semiannual status report, 15 sep. 1964 - 15 sep. 1965	1965
19650071338	Reaction of sn/ii/ and sn/iv/ in aqueous solution progress report	1965
19650071420	Production of dispersion alloys with the aid of ultrasonics progress report for the period ending mar. 31, 1965	1965
19650071424	A quantitative study of solutions through gas chromatography third semiannual report	1965
19650071492	Theoretical and experimental investigations of extremely dense plasmas at very high energy densities status report, 1 oct. 1964 - 1 apr. 1965	1965
19650071523	Study of i129 semiannual status report for the period ending mar. 31, 1965	1965
19650071524	Status report no. 6, july 1 - december 31, 1964	1965
19650071525	<microwave gaseous electronics research< semiannual status report no. 10, may 1 - oct. 31, 1964	1965
19650071526	<analyses of the impact of space activities on the national economy, and establishment of a methodology for determining space program effects on regional economic growth< semiannual status report, sep. 15, 1964 - mar. 15, 1965	1965
19650071528	Semiannual status report, 1 august 1964 - 31 january 1965	1965
19650071540	Chemistry of the atmosphere of the planet venus technical status report no. 5, 1 aug. 1964 - 31 jan. 1965	1965
19650071564	Cardiovascular, respiratory, and autonomic nervous system responses to acute hypoxia progress report, 1 jul. - 31 dec. 1964	1965
19650071707	Fifth quarterly status report, january - march 31, 1965	1965
19650071708	Nonlinear dynamics of thin shell structures quarterly status report no. 4, 15 jan. - 14 apr. 1965	1965
19650071709	Investigation of the constitutive equations for multi-phase hypoelastic materials status report, jun. 1, 1964 - mar. 1, 1965	1965
19650071738	An investigation of soil modeling problems related to impact studies progress report	1965
19650071741	<study of plasma stream and travelling wave magnetic field interaction< semiannual progress report, sep. 1964 - mar. 1965	1965
19650071742	Semiannual progress report for period covering 1 october 1964 to 1 april 1965	1965
19650071769	Meteorological interpretation of satellite radiation data semiannual status report, 1 oct. 1964 - 31 mar. 1965	1965
19650071771	The effect of sensory deprivation on social dominance in the domestic cat progress report	1965
19650071772	Effect of endocrines on osteoporosis of disuse progress report	1965
19650071773	Semiannual progress report, october 1, 1964 to march 30, 1965	1965
19650071774	Analog/hybrid computer study semiannual progress report, 1 oct. 1964 - 1 apr. 1965	1965
19650071775	Modification of 82-inch coude spectrograph at mcdonald observatory quarterly status report no. 2, 14 oct. 1964 - 13 jan. 1965	1965
19650072056	The investigation of flame spreading over the surface of igniting solid propellants first progress report, 1 dec. 1964 - 15 apr. 1965	1965
19650072057	<pion lifetime< semiannual progress report, oct. 1, 1964 - apr. 1, 1965	1965
19650072059	Feasibility study of piezo transistor accelerometer quarterly status report no. 3, 17 dec. 1964 - 17 mar. 1965	1965
19650072060	Investigation of the propagation of millimeter and submillimeter waves monthly letter report, 1 - 30 apr. 1965	1965
19650072061	Nonequilibrium gasdynamics related to propulsion systems quarterly report, period ending 31 mar. 1965	1965
19650072063	A study of brain function through advanced computer techniques for analysis of electroencephalographic data semiannual report, 15 jul. 1964 - 15 jan. 1965	1965
19650072124	<the carcinogenic potential of high energy protons< semiannual status report, sep. 1, 1964 - mar. 1, 1965	1965
19650072217	Photothermoviscoelasticity research progress report, period ending mar. 31, 1965	1965
19650072218	Stability of nonconservative systems semiannual progress report no. 2, oct. 1, 1964 - mar. 31, 1965	1965
19650072219	Semiannual status report covering the period september 1, 1964 to february 28, 1965	1965
19650072220	The problem of man's gravito-inertial force environment in space flight quarterly report no. 8, 1 jan. - 31 mar. 1965	1965
19650072229	<study of the mechanism of atmospheric interaction with the fatigue of metals< third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650072230	Semiannual status report covering period 1 september 1964 - 28 february 1965	1965
19650072249	Brief report on the legal aspects of space internal working paper no. 23	1965
19650072604	<abstracts in physical and biological sciences, october 15, 1964 - march 30, 1965<	1965
19650072660	Second annual report, 1 may 1964 - 30 april 1965	1965
19650072662	<radio meteor project< quarterly status report no. 9, 1 feb. - 30 apr. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650072663	Investigation of electrocaloric effects in ferroelectric substances semiannual status report no. 2, 1 sep. 1964 - 28 feb. 1965	1965
19650072684	Development of a low-noise, cold-cathode traveling-wave tube monthly progress report no. 4, 1 jan. - 31 jan. 1965	1965
19650072685	Cryogenic data center activities first quarterly progress report, period ending 31 mar. 1965	1965
19650072742	Modification of 82-inch coude spectrograph at mc donald observatory quarterly status report no. 3, 14 jan. - 13 apr. 1965	1965
19650072824	Dynamic and static analyses of structures with uniformly distributed axial loads interim progress report	1965
19650072844	Final report to nasa on facilities	1965
19650072880	Design, development, fabrication and installation of 105-inch lunar and planetary telescope at mc donald observatory quarterly status report no. 2, 23 dec. 1964 - 22 mar. 1965	1965
19650072881	Application of the law of solid creep to convective motions in the earth's mantle, the moon, and planets progress report	1965
19650072928	The mechanism of stress corrosion of titanium alloys exposed to sodium chloride at elevated temperatures quarterly status report, quarter ending 30 apr. 1965	1965
19650072931	A very low flow rate gas flow meter	1965
19650072932	Commercial and economic aspects of space flight	1965
19650072935	The kutta condition and the condition for minimum drag	1965
19650072979	Hydroplaning of aircraft tires	1965
19650072980	A program to improve the sample distribution program of the nininger meteorite collection semiannual status report, sep. 1, 1964 - feb. 28, 1965	1965
19650072982	Nimbus integration project at valley forge, pa. twenty-fifth monthly report, 1-28 mar. 1965	1965
19650073081	Hydromagnetic whistlers	1965
19650073082	Theoretical line profiles in the ultraviolet spectra of early-type stars	1965
19650073089	Dyadic analysis of space-time congruences	1965
19650073098	<fundamental research in celestial mechanics< status report, oct. 1, 1964 - apr. 1, 1965	1965
19650073099	Plasma flow in a multipole magnetic channel quarterly status report, dec. 1, 1964 - feb. 28, 1965	1965
19650073100	Backstreaming from oil diffusion pumps progress report, 1 dec. 1964 - 30 mar. 1965	1965
19650073134	Studies of planetary physics final report	1965
19650073135	Technology utilization program status report no. 9, 15 nov. 1964 - 14 feb. 1965	1965
19650073136	Support of Research Necessary to Develop Advanced Concepts for Information Display, Manipulation, Search, and Presentation Summary Progress Report	1965
19650073137	Synthesis of porphine-like substances from simple precursors status report no. 7, jan. 1 - may 31, 1965	1965
19650073138	Quarterly status report, january 1 - april 1, 1965	1965
19650073151	<computer techniques for performing visibility calculations< progress report, 1 oct. 1964 - 31 mar. 1965	1965
19650073152	Lunar charting program quarterly progress report no. 3, 1 jan. - 31 mar. 1965	1965
19650073153	A study of selected radiation and propagation problems related to antennas and probe in magneto-ionic media semiannual progress report no. 4, 1 oct. 1964 - 31 mar. 1965	1965
19650073154	Study of antenna problems associated with space vehicles fourth semiannual progress report, 1 nov. 1964 - 30 apr. 1965	1965
19650073162	Analysis of the population of the cape kennedy area	1965
19650073164	Preliminary report on a multispectral experiment	1965
19650073165	Semiannual status report, january 1 - may 27, 1965	1965
19650073217	Fundamental studies on the synthesis of heat- resistant polymers progress report no. 3, 1 jun. 1964 - 31 jan. 1965	1965
19650073218	<quarterly report for january 1 to march 31, 1965<	1965
19650073219	Submillimeter interference spectrometer status report, 1 nov. 1964 - 30 apr. 1965	1965
19650073220	Research in the aerospace physical sciences fourth semiannual report, 1 sep. 1964 - 28 feb. 1965	1965
19650073265	<isotopic rubidium-strontium measurements of chondrules from bjurbole stone meteorite< semiannual report, 1 mar. - 31 dec. 1964	1965
19650073266	Quarterly status report no. 1 for period 1 december 1964 to 28 february 1965	1965
19650073268	<studies in scientific communication research using space-related biology as the subject area< semiannual report, 18 nov. 1964 - 17 may 1965	1965
19650073325	The stanford study of the mariner mars occultation experiment semiannual report no. 1, 1 oct. 1964 - 31 mar. 1965	1965
19650073326	Development of a stable ultraviolet source and techniques for accurate radiometry status report, jan. 1 - mar. 31, 1965	1965
19650073327	Rocket studies of the lower ionosphere during the iqsy semiannual progress report no. 3, oct. 1, 1964 - mar. 31, 1965	1965
19650073329	The american bar foundation research study on the laws relating to activities in space	1965
19650073331	Jet noise and turbulence semiannual progress report, nov. 1, 1964 - may 1, 1965	1965
19650073366	Semi-annual status report, 1 oct. 1964 - 31 mar. 1965	1965
19650073367	Detection techniques for tenuous planetary atmospheres fourth six-month report, 1 jan. - 30 jun. 1965	1965
19650073368	Theoretical study of atomic and molecular gases and their reactions in the upper atmosphere summary report, nov. 1, 1964 - apr. 30, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650073369	The statistics of gravitational clustering	1965
19650073370	Status of work under nasa transfer of funds to the economic research service, usda, september 1, 1964 - february 28, 1965	1965
19650073371	Satellite meteorology studies status report, 1 feb. - 30 apr. 1965	1965
19650073372	Semiannual status report, 1 october 1964 - 31 march 1965	1965
19650073374	<experimental and theoretical status of mini- mal self replicating entities< status report, may 1, 1964 - may 30, 1965	1965
19650073464	Computing methods in optimization problems. several trajectory optimization techniques. part i- discussion	1965
19650073499	Semiannual status report, october 1, 1964 - march 31, 1965	1965
19650073518	<spectrometer design< third semiannual report, 1 nov. 1964 - 30 apr. 1965	1965
19650073525	Research in space-related sciences established at the university of florida semiannual report, 1 nov. 1964 - 30 apr. 1965	1965
19650073531	<performance and design study of plenum chamber combustion for vistol aircraft< quarterly report, 15 feb. - 15 may 1965	1965
19650073532	Research on comets, meteors, and interstellar matter technical status report no. 1, 1 sep. 1964 - 28 feb. 1965	1965
19650073533	Seventh quarterly status report covering the period august 1, 1964 through october 31, 1964	1965
19650073534	<research in advanced measuring techniques of high altitude< eighth quarterly progress report, nov. 1, 1964 - jan. 31, 1965	1965
19650073535	Annual status report, april 1, 1964 - april 30, 1965	1965
19650073559	An experimental analysis of the micro- neuroanatomy of the central nervous system semiannual report, 30 sep. 1964 - 1 apr. 1965	1965
19650073560	Helios design studies combined quarterly reports, periods ending 15 jan. and 15 apr. 1965	1965
19650073565	Basic studies in space vehicle attitude control eighth semiannual status report, sep. 1964 - sep. 1965	1965
19650073566	A superconducting bolometer semiannual status report no. 1, period ending 30 apr. 1965	1965
19650073567	Densities and temperatures from the atmospheric drag on six artificial satellites	1965
19650073627	Plasma flow in a multipole magnetic channel quarterly status report, mar. 1 - may 31, 1965	1965
19650073628	<application of plasma dynamics and statistical mechanics to plasma propulsion< status report, jan. 1 - mar. 31, 1965	1965
19650073629	Research on heat-resistant alloys status report, nov. 1, 1964 - apr. 30, 1965	1965
19650073630	Noise investigations with impinging jet flows status report no. 4	1965
19650073631	Additional study and further development of the tracer-spark technique for flow-velocity measurements second semiannual progress report	1965
19650073632	<conduct studies of auditory information processing emphasizing the application of signal detectability theory to the auditory sensory responses< third quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650073633	A study of bonding between glass and plastic in glass-reinforced plastics- phase ii quarterly progress report no. v, feb. 1 - apr. 30, 1965	1965
19650073635	Evaluation of emissivity at 4 mu and 10 mu and construction of an 18 gc/s radiometer first semiannual report	1965
19650073645	Technology utilization program status report no. 10, feb. 15 - may 14, 1965	1965
19650073646	Elevated temperature stress corrosion of high strength sheet materials in the presence of stress concentrators quarterly progress report no. 15, mar. 1 - may 31, 1965	1965
19650073666	Mechanical properties of crosslinked poly/methyl methacrylate/ polymers under space environmental conditions quarterly technical summary report no.7, 1 mar. - 1 may 1965	1965
19650073667	<geochemistry of trace elements in meteorites< fifth semiannual status report, 16 sep. 1964 - 15 mar. 1965	1965
19650073726	Research investigation directed toward extending the useful range of the electromagnetic spectrum first quarterly progress report no. 9, 16 dec. 1964 - 15 mar. 1965	1965
19650073743	Energy dissipation characteristics in tissue for ionizing radiation in space progress report no. 10, 1 mar. - 31 may 1965	1965
19650073744	Effects of antimetabolites on learning and on brain metabolism semiannual progress report no. 1	1965
19650073745	Ninth quarterly progress report, february 1, 1965 to april 30, 1965	1965
19650073746	<gas-wave dynamic studies of spray combustion< second semiannual status report	1965
19650073810	The effect of surface reactions on fatigue failure quarterly status report, mar.1 - may 31, 1965	1965
19650073811	Development of an electron density probe first quarterly report, 22 jun. - 22 sep. 1964	1965
19650073839	A longitudinal study of naval flight students with particular attention to cardiovascular disease progress report no. 2, 1 jan. - 31 mar. 1965	1965
19650073873	Ionospheric electron density studies and computations status report, nov. 1, 1964 - jun. 30, 1965	1965
19650073906	In support of research in the aerospace physical sciences fourth semiannual report, sep. 1, 1964 - feb. 28, 1965	1965
19650073907	Stresses and deformations in thin shells of revolution sixth progress report	1965
19650073908	Laboratory for Monitoring Bacterial Contamination of Space Components (NASA)	1965
19650073975	Non-linear elasticity status report, nov. 1, 1964 - apr. 30, 1965	1965
19650074200	<theoretical research on cosmic rays, neutrons and interplanetary plasma in the solar system< semiannual status report, 1 jan. - 1 jul. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650074226	Photothermoviscoelasticity status report	1965
19650074244	<radio propagation study< progress report, 1 dec. 1964 - 31 may 1965	1965
19650074245	Investigation of thermodynamic mechanisms for the production of complex compounds essential for the origin of life final report, 1 oct. 1964 - 30 sep. 1965	1965
19650074246	A theoretical and experimental study of the ionosphere using radio signals from earth satellites progress report no. 11, 1 jan. - 30 jun. 1965	1965
19650074269	Nonlinear programming solution of optimal control processes semiannual progress report, period ending 30 jun. 1965	1965
19650074270	An institutional research program in space- related areas of science and engineering semiannual progress report, dec. 1, 1964 - may 31, 1965	1965
19650074271	Progress report for the period november 1, 1964 - march 31, 1965	1965
19650074282	Nonlinear dynamics of thin shell structures quarterly status report no. 5, 15 apr. - 14 jul. 1965	1965
19650074283	Line integrals, surface integrals, volumes, centroids, and moments of inertia of a class of shells of revolution and for a larger class of shells status report, 1 jan. - 30 jun. 1965	1965
19650074284	Flame strength of propane-oxygen flames at low pressures in turbulent flow	1965
19650074285	<research to establish methods of structural synthesis< semiannual progress report, 1 dec. 1964 - 31 may 1965	1965
19650074286	<interdisciplinary space-oriented research in the physical, biological and engineering sciences< semiannual report addendum, period ending 28 feb. 1965	1965
19650074287	Lunar charting program quarterly progress report no. 4, 1 apr. - 30 jun. 1965	1965
19650074288	Eddy diffusion and oxygen transport in the lower thermosphere	1965
19650074289	<feasibility studies of coordinated radiation experiments from meteorological satellites< semiannual status report, 1 nov. 1964 - 30 apr. 1965	1965
19650074570	Stress test specification for semiconductor device, diode, silicon /similar to in457/	1965
19650074575	Theoretical and experimental investigations of fatigue crack growth third semiannual progress report, sep. 1, 1964 - jun. 1, 1965	1965
19650074576	Study of plasma sheath associated with communication blackout fourth semiannual report, 1-30 jan. 1965	1965
19650074577	<the detection and identification of organic matter by mass spectrometry< technical report, aug. 16 1964 - jun. 15 1965	1965
19650074578	<apollo mission reliability assessment study< quarterly progress report, apr. 1 - jun. 30, 1965	1965
19650074599	<studies in planetology, including collection and interpretation of planetary information< status report no. 4, jan. 1 - jun. 30, 1965	1965
19650074648	The university of maryland 1401 transliteration preprocessor for algol 60 to alcor-illinois 7090/94 conversion	1965
19650074649	Feasibility study of piezotransistor accelerometer quarterly status report no. 4, mar. 17 - jun. 17, 1965	1965
19650074656	Investigation of the propagation of millimeter and submillimeter waves monthly letter report, 1-31 may 1965	1965
19650074710	<man-machine performance measurements< letter progress report, 1 dec. 1964 - 28 feb. 1965	1965
19650074711	Services provided in support of the planetary quarantine requirements of the national aeronautics and space administration quarterly report, apr. - jun. 1965	1965
19650074715	<study of optimal feedback control< semiannual progress report, jan. 15 - jul. 15, 1965	1965
19650074803	Experimental and theoretical study of ionospheric electron content and upper ionosphere ionic processes by means of satellite radio transmissions semiannual report, 1 nov. 1964 - 30 apr. 1965	1965
19650074804	<experimental and theoretical research in plasma dynamics< interim progress report no. 7, jan. - 30 jun. 1965	1965
19650074805	Design, development, fabrication and installation of 105-inch lunar and planetary telescope at mc donald observatory quarterly status report no. 3, 23 mar. - 22 jun. 1965	1965
19650074829	Experimental and theoretical studies in planetary aeronomy quarterly progress report, 18 mar. - 30 jun. 1965	1965
19650074834	The george washington university magazine, volume 1, no. 4, winter 1965	1965
19650074916	The effect of ionization transport on the equatorial f-region	1965
19650074917	<theoretical and experimental research in geophysics and astrophysics< semiannual research progress report, jan. 1 - jun. 30, 1965	1965
19650074918	Direct calculation of contributions to the second order energy of helium	1965
19650074998	Oscillatory combustion in rockets second semiannual report, nov. 30, 1964 - may 31, 1965	1965
19650075251	Investigation of the propagation of millimeter and submillimeter waves monthly letter report no. 65-50241, 1-31 jan. 1965	1965
19650075253	<spectra and Cross-spectra of Metabolic Rhythms /circadian and Other/ in Inbred c Mice as a Temporal Gauge of Mammalian Performance in Extraterrestrial Space, for the Purpose of Defining and Verifying an Experiment in Bio- Satellite< Semiannual Status Report	1965
19650075254	Cavitation erosion phenomena status report, oct. 1, 1964 - mar. 31, 1965	1965
19650075268	Radiation damage-electron impact status report	1965
19650075476	A patrol of the lunar surface with a 24-inch reflector and image orthicon system semiannual status report, 1 dec. 1964 - 31 may 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650075477	Effects of schedule and stimulus parameters on monitoring and observing behavior semiannual status report, 1 dec. 1964 - 31 may 1965	1965
19650075531	<study of crystallization, cross- linking and dimensional changes during the crystal-liquid phase transition of oriented polymeric systems< semiannual status report	1965
19650075562	<photographic patrol and study of the physical conditions on the moon and planets, including photoelectric and spectrographic studies annual progress report, jul. 1, 1964 - jun. 30, 1965<	1965
19650075563	Middle and low latitude atmospheric emissions and the ionosphere	1965
19650075605	<develop balloon systems and conduct high- altitude balloon flights< quarterly status report no. 8, 1 mar. - 31 may 1965	1965
19650075607	Research on gravitational mass sensors status report, 15 jun. - 15 jul. 1965	1965
19650075649	Research and development study on dc to dc converter, engineered magnetics model emcr131 final report	1965
19650075693	Computer program - cryogenic storage on the moon /subroutines a and c/	1965
19650075694	Mariner- c video storage subsystem- opera- tional manual	1965
19650075713	Cryogenic research and development eighteenth progress report, period ending jun. 30, 1965	1965
19650075714	Orbital operations study second semiannual progress report, nov. 15, 1964 - may 15, 1965	1965
19650075715	<investigation of a separating capsule electron density experiment< semiannual status report, mar. - aug. 1965	1965
19650075716	Effect of chronic restraint on absorption from the gastrointestinal tract semiannual progress report, nov. 1, 1964 - jun. 1, 1965	1965
19650075717	Low-power, low-speed data storage and processing techniques eighth progress report, dec. 1, 1964 - may 31, 1965	1965
19650075718	Naca research on wing-body combinations, august 1946 - june 1954	1965
19650075740	Informal letter progress report to nasa on progress at the jicamarca radar observatory, april - june, 1965	1965
19650075741	Instrumentation for the determination of the lunar atmosphere monthly report, jan. 13 - feb. 12, 1965	1965
19650075742	Investigation of galactic and planetary radio astronomy status report, jun. - dec. 1964	1965
19650075760	Optical and radar investigations of simulated and natural meteors semiannual progress report no. 4, 15 feb. - 15 aug. 1965	1965
19650075763	Pion-muon beam transport system for a 600 mev synchrocyclotron final status report	1965
19650075764	Optical satellite tracking program semiannual progress report no. 12, 1 jan. - 30 jun. 1965	1965
19650075830	Semiannual progress report, october 1, 1964 - 31 march 1965	1965
19650075831	The effects of isolation, sensory deprivation and sensory rearrangement on visual, auditory and somesthetic sensation, perception and spatial orientation progress report, 1 mar. - 30 may 1965	1965
19650075833	<multidisciplinarv, space-related research in engineering and the physical and life sciences< semiannual progress report	1965
19650075845	<electromagnetic investigations of planetary and solar atmospheres and the lunar surface program< semiannual report, oct. 15, 1964 - apr. 15, 1965	1965
19650075846	<multidisciplinary space-related sciences and technology< semiannual progress report	1965
19650075850	Theoretical and experimental studies in ultra- violet solar physics including construction of laboratory prototype flight experiments semiannual status report no. 5, 1 feb. - 31 jul. 1965	1965
19650075851	An investigation of stresses and strains at crack tips in thin, infinite plates, subjected to various loading status report no. 4, 1 mar. - 31 aug. 1965	1965
19650075881	A study of nonlinear stability of motion of finite rigid satellites status report, 30 mar. 1964 - 31 may 1965	1965
19650075952	A study of the chemiluminescent reactions of some organometallics with atomic oxygen scientific report no. 2	1965
19650075954	Research and development programs quarterly report, apr. - jun. 1965	1965
19650075956	The gas phase chemiluminous reactions of ozone scientific report no. 3	1965
19650075958	A spectroscopic study of the chemiluminescent reaction of germane with atomic oxygen	1965
19650075964	Study of structural and mineralogical significance of meteorite impact sites, including mineral paragenesis, high pressure polymorphs, microfractures and quartz lamellae fourth semiannual report, jan. - jun. 1965	1965
19650076035	Chemistry of the atmosphere of the planet venus technical status report no. 6, 1 feb. - 31 jul. 1965	1965
19650076036	<experimental investigation of particle detection and particle detectors to improve effectiveness, accuracy, and discrimination< status report no. 4, period ending 31 may 1965	1965
19650076038	Energy dissipation characteristics in tissue for ionizing radiation in space progress report no. 11, 1 jun. - 31 aug. 1965	1965
19650076039	A study of physiological mechanisms and inter- relations between systemic and regional blood volume, blood flow and electrolyte balance interim progress report	1965
19650076042	High temperature thermocouple research and development program. appendix 5- bibliography	1965
19650076043	El campo solar radar system first semiannual report, jan. 1 - jun. 30, 1965	1965
19650076062	Investigations into the mechanism and rates of atmospheric mixing in the lower thermosphere first semiannual status report	1965
19650076063	Destruction of a thin liquid film flowing over a heating surface	1965
19650076064	Optimum structural design project annual progress report, period ending 31 may 1965	1965
19650076067	Lead telluride non-magnetic bonding research study first quarterly report, 1 mar. - 31 may 1965	1965
19650076100	Neural control of hibernation in mammals, the relevance of physiological clocks and environmental factors progress report no. 2, mar. 1 - aug. 31, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650076113	<extreme ultraviolet experiments in conjunction with gsfc geo-probes< quarterly status report no. 4, 1 apr. - 30 jun. 1965	1965
19650076186	<a program to support the development of research in space science at montana state university< semiannual progress report no. 4, 1 jan. - 30 jun. 1965	1965
19650076187	An Investigation of a Sono-chemical Approach in Sterilization Problems Second Semiannual Progress Report, 1 Jan. - 1 Jul. 1965	1965
19650076188	<scientific and engineering studies related to manned space science problems< letter report, 1 aug. - 1 sep. 1965	1965
19650076190	<numerical stress analysis of star-perforated grains by means of the integral equation method< semiannual status report, feb. 1 - jul. 31, 1965	1965
19650076191	Surface parameters of solids semiannual report no. 3	1965
19650076192	<high pressure study of the solid phases of inert gases, with emphasis on applicability to the nature of extraterrestrial bodies< semiannual status report	1965
19650076193	<gas chromatography techniques for the determination of dilute constituents of biological material, including consideration of material relevant to the ecology of astronauts< status report, oct. 6, 1964 - apr. 6, 1965	1965
19650076756	Jp24 transient pressure measuring methods research status report, 1 apr. - 30 jun. 1965	1965
19650076757	Measurements of magnetic fields in the vicinity of the magnetosphere and in interplanetary space- preliminary results from mariner 4	1965
19650076781	Investigation of boundary layer transition progress report, 1 apr. - 30 jun. 1965	1965
19650076782	Investigation of atmospheric properties based upon evaluation of infrared radiation data obtained from tiros satellites status report no. 5, 1 apr. 1964 - 30 sep. 1965	1965
19650076783	Highly ionized spectra of nitrogen and oxygen status report no. 7, 1 jun. - 31 aug. 1965	1965
19650076784	Plasma flow in a multipole magnetic channel quarterly status report, 1 jun. - 31 aug. 1965	1965
19650076785	Measurement of intensity of turbulence in drag reducing and non-drag reducing organic solutions first semiannual report, 1 feb. 1 aug. 1965	1965
19650076786	Plant morphogenesis under weightlessness semiannual status report, 1 feb. - 30 jun. 1965	1965
19650076787	Search for biological precursor molecules in volcanic volatile systems semiannual status report, 1 feb. - 1 aug. 1965	1965
19650076903	Memory bibliography, 1961-1964	1965
19650076932	<nuclear history of the early solar system< second semiannual progress report, jan. 1- jun. 30, 1965	1965
19650076933	Surface ionization phenomena status report, mar. 1 - aug. 31, 1965	1965
19650076934	The selectivity of notch filters using nonuniform rc lines	1965
19650076935	Radar sensing for geoscience purposes monthly progress report, 1 jun. - 1 jul. 1965	1965
19650076936	Upper atmosphere chemical release study quarterly progress report no. 3, 1 dec. 1964 - 28 feb. 1965	1965
19650077171	An observational test of theories of neutron star cooling	1965
19650077218	Summary of progress from july 1 - october 1, 1965	1965
19650077237	Study of the dynamics of cerebral circulation by continuous rheoencephalographic monitoring progress report, jun. 16, 1964 - jun. 30, 1965	1965
19650077240	Research in the space-related sciences progress report, 1 apr. - 30 sep. 1965	1965
19650077255	Satellite motion for arbitrary eccentricity and inclination around the smaller body in the restricted three-body problem	1965
19650077344	Stellar evolution v - the evolution of a 15m star from the main sequence through core helium-burning	1965
19650077345	Studies of thermionic materials for space power applications informal monthly report, 1-31 jan. 1965	1965
19650077353	Surveyor project status report as of 5 march 1965	1965
19650077385	<investigations of the interaction of solar flare particles with the coronal plasma< progress report, 1 apr. - 30 sep. 1965	1965
19650077386	Stellar evolution. iv. the evolution of a 9m sun star from the main sequence through core helium burning	1965
19650077387	An investigation of gravity level preference and the effects of gravitational forces on small animals and primates, and of techniques for related space flight experiments semiannual status report	1965
19650077388	The nasa impact on the economic growth and development of the cape kennedy region.- a summary, part - semiannual report, mar. 1 - jun. 30, 1965	1965
19650077401	<recursive properties of topological transformation groups< progress report, jun. - nov. 1965	1965
19650077402	Cerebral vascular diseases. the present status of standard and regional rheo-encephalography /reg/	1965
19650077403	<theoretical and experimental investigations of electron density and collision frequency in the lower /d and e/ regions of the ionosphere by research rocket radio trans- missions during the iqsy using differential absorption, faraday rotation, and ma	1965
19650077539	<research on millimeter wavelength radiation from solar bodies< semiannual report of activities and expenditures, 1 apr. - 30 sep. 1965	1965
19650077550	<research on stability and stochastic optimal control< progress report, jan. 1 - jun. 30, 1965	1965
19650077551	<investigation of the radiation and circuit properties of satellite-borne v-antenna< semiannual status report, 1 jan. - 30 jun. 1965	1965
19650077552	<conduct research to obtain information about the electron content in the ionosphere and its variations< quarterly status report no. 11, jul. 1 - sep. 30, 1965	1965
19650077553	Real-time height profiles of electron density and wind velocity from ionospheric radio soundings quarterly status report, jun. 1 - oct. 31, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650077554	A current source for vacuum tube circuits	1965
19650077555	Extreme ultraviolet experiments in conjunction with gsfc "geo-probes" quarterly status report no. 9, 1 mar. - 31 may, 1965	1965
19650077556	<investigation of the problems of lunar and planetary exploration> annual report, dec. 1, 1963 - nov. 30, 1964- semiannual status report, jun. 30, 1965	1965
19650077557	<development and testing of an experimental community oriented adult space literacy project, involving culturally deprived persons in three geographical areas> quarterly status report	1965
19650077558	Environmental effects of cellular autoxidation semiannual status report	1965
19650077559	<relative roles of gravitational and inertial work in the energy cost and character of human locomotion> semi-annual progress report, jul. 1, 1964 - jun 30, 1966	1965
19650077560	<investigation and re-formulation of the numerical analysis for solving differential equations of state of two-electron atoms> status report, dec. 1, 1964 - may 31, 1965	1965
19650077561	<study of effects of high and low barometric pressure on susceptibility and resistance to infection> quarterly status report, 1 jul. - 30 sep. 1965	1965
19650077562	<a new measurement of the lifetime of the positive pion> semi-annual progress report, apr. 1 - sep. 30, 1965	1965
19650077563	Semiannual status report no. 13, april - octo- ber 1965	1965
19650077564	<administering the nasa trip awards made at the 16th national science fair-international final report	1965
19650077720	Experimental x-band monopulse assembly - measurements of boresight variation	1965
19650078059	Fatigue properties of sst materials tenth monthly letter progress report, 1-31 aug. 1964	1965
19650078277	Radiation belts	1965
19650078399	High intensity gust investigation /wft 1217 r3/, model f-106a. part 1 of 10, appendix 2	1965
19650078440	Support of solar flare patrol by a world-wide network of observatories, for the collection of data on solar flares and associated ionospheric disturbances status report, oct. - dec. 1964	1965
19650078503	Monthly progress report no. 20	1965
19650078534	<status report from june 1963 - february 1965>	1965
19650078535	Radar instrumentation for re-entry physics program monthly status report, 20 jan. - 20 feb. 1965	1965
19650078556	<investigations of the properties, flux, and trajectories of meteors> quarterly status report no. 8, 1 nov. 1964 - 31 jan. 1965	1965
19650078620	Application of the Pade Approximant Method to an Investigation of the Susceptibility of an Ising Square Lattice	1965
19650078710	The separation of physicochemical properties of the c and d antigens of coxsackie virus	1965
19650078736	Two simple turbulent flows	1965
19650078795	Summary of corrective action and comments relative to deficiencies listed in the final bis report of service acceptance trials of the model qh-50c aircraft, bis 21249	1965
19650078820	Accurate calculations of atomic photo- ionization cross sections progress report	1965
19650078821	<theoretical and experimental studies of radiation absorbance and emittance characteristics and their control for potential space vehicle surface materials> monthly progress report no. 21	1965
19650078890	<construction of an antenna array for high frequency radio astronomy> status report, aug. 1, 1964 - nov. 1, 1964	1965
19650078893	Thrust vectoring- shock-wave and pressure effects of cold-air injection into a two-dimensional nozzle	1965
19650078895	Metallurgical processing of silver-infiltrated tungsten	1965
19650078933	Rocket research on fluorine-oxygen mixtures final report, 1 feb. 1955 - 29 feb. 1956	1965
19650078938	Planetary meteorology quarterly progress report no. 3, 20 oct. 1964 - 20 jan. 1965	1965
19650079012	Gemini Launch Vehicle Program, Ramp Input Development Program Test Report	1965
19650079070	Fuselage fail-safe design data follow-on program monthly progress report, 1-31 jan. 1965	1965
19650079083	Semiannual status report, sep. 1, 1964 - mar. 31, 1965	1965
19650079194	Scramjet inlet program monthly letter progress report, feb. 1965	1965
19650079245	Installation and operation of the 140 gigacycle carcinotron with f- and g-band components	1965
19650079248	Earth atlas from space third quarterly progress report, period ending mar. 31, 1965	1965
19650079249	Modification of the zeiss ultraphot ii microscope for time-lapse cinematography	1965
19650079286	Work statement for a feasibility study of lunar-based astronomy	1965
19650079287	The dielectric constant of the lead salts	1965
19650079398	Slv-3 test parameters, book no. 1	1965
19650079458	Quarterly status report, 1 jan. - 31 mar. 1965	1965
19650079517	Evaluation of the turn and slip indicator, id811/ajb-3a final report, 13 nov. 1964- 14 jan. 1965	1965
19650079531	Substitution of jp-5 for diesel fuels ashore	1965
19650079549	An experimental investigation of the adaptive potential of species or populations of mammals for withstanding environmental stressors semiannual status report, jul. 1 - dec. 31, 1964	1965
19650079583	Scramjet inlet program monthly letter progress report, mar. 1965	1965
19650079586	A parametric programming solution to the vector maximum problem, with applications to decisions under uncertainty	1965
19650079598	In-house notes on manned orbital space stations and related auxiliary vehicles	1965
19650079644	Staff/bit program- monthly progress report for april, 1965	1965
19650079795	Experimental investigation of electrostatic charges acquired by tfe material during exposure to gas flow	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650079932	Landing impact, exhibit a progress report, 1 oct. 1964 - 28 feb. 1965	1965
19650079948	Relationship of biochemical activity to environmental and developmental changes in ascaris progress report, 1 jul. - 31 dec. 1964	1965
19650079957	Soviet injected electrons at low altitudes	1965
19650079971	An experimental investigation of spin-lattice interactions second semiannual status report	1965
19650079972	<airglow observations during nasa mobile launch expedition no. 1< first quarterly status report, 1 jan. - 31 mar. 1965	1965
19650080238	The application of integrated circuitry to spacecraft electronic systems	1965
19650080252	Automatic alternate routing study third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19650080257	Applicable documents listing for space vehicles and supporting equipment. computer prepared version of adl-258	1965
19650080259	Plasma probe calibration procedure study final report	1965
19650080260	Trajectory study for advanced lunar missions monthly progress report	1965
19650080359	Summary technical note on simicor	1965
19650080366	Some aspects of the telemetry problem	1965
19650080370	Exposure of radar workers to microwaves annual progress report, 1 mar. 1963 - 28 feb. 1964	1965
19650080376	Ecologic relationships between bacteria and algae in photosynthetic gas exchangers quarterly status report no. 7, 1 feb. - 31 may 1965	1965
19650080403	Uncoated Nitronium Perchlorate Propellant Development	1965
19650080406	Electron scattering on nucleons and nuclei	1965
19650080449	Aerodynamic Nozzle Investigation Monthly Status Report, Period Ending Jun. 30, 1965	1965
19650080475	Electrolytic removal of oxygen from sodium technical status letter no. 2, apr. 1 - may 31, 1965	1965
19650080484	Lasers for training devices study bi-monthly progress report no. 5	1965
19650080567	<study of the feasibility of remote sensing of geoscience data from manned spacecraft< quar-terly progress report, 1 oct. 1964 - 1 jan. 1965	1965
19650080568	Possible uses of radar for geoscience purposes from orbiting spacecraft, appendix b	1965
19650080569	Initial design considerations for the multi-color display, appendix e	1965
19650080570	Radar team reply- anticipated user applica- tions and instrument requirements for natural and cultural /civilian/ observational and experimental activities on the a.e.s. earth- orbital spacecraft, appendix f	1965
19650080571	A 1 mj arc driven shock tube	1965
19650080667	An exact stress analysis of a rectangular sheet bounded by four edge stiffeners and subjected to loads and temperature gradients fourth semiannual status report, period ending may 31, 1965	1965
19650080668	Cosmology without general relativity	1965
19650080670	Geoscience data management first quarterly report	1965
19650080671	Investigation of the neutral constituents of the atmosphere in the 100-200 km altitude range status report, 1 apr. - 30 jun. 1965	1965
19650080672	Geoscience data extraction from radar imagery fourth quarterly report	1965
19650080846	Rdte annual project report rcs cscrd-103	1965
19650080859	Asset asv-3, volume iii- flight test report	1965
19650080915	Directional control test missile development program. flight test, volume v final report	1965
19650080951	Anomalies in infrared absorption spectra by the alkali halide disk technique	1965
19650080993	Evaluation of elliott e.3 runway alignment technique, december 1964 - january 1965	1965
19650081059	Ice fog at eielson afb alaska with statistical analysis of ice fog visibility and temperature	1965
19650081073	<theoretical and experimental studies of the dynamics of reacting and charged particles in solid propellant rocket motor nozzles< progress report, dec. 1, 1964 - may 31, 1965	1965
19650081077	Lunar orbiter photographer mid-term briefing summary	1965
19650081086	<observation of the white light corona from a rocket< first quarterly report, period ending 30 jun. 1965	1965
19650081122	Ferroelectric ceramic filters if transformers and network sixth quarterly report, 1 mar. - 31 may 1963	1965
19650081130	Hypervelocity kill mechanisms program, aerothermal phase semiannual technical progress report, period enging 31 mar. 1965	1965
19650081160	Quarterly progress report, 7 march - 6 june 1965	1965
19650081166	Development of an engineering prototype ion mass spectrometer for the mass analysis of the lunar atmosphere monthly letter report no. 11, 1 may - 30 jun. 1965	1965
19650081168	Multidisciplinary research leading to utili- zation of extraterrestrial resources quarterly status report, 1 apr. - 1 jul. 1965	1965
19650081169	<Theoretical and Experimental Investigations of Super-Conductivity< Progress Report	1965
19650081170	Quarterly progress report, january - march 1965	1965
19650081173	Development of a 425 foot diameter passive communication satellite with self-erecting properties monthly progress report no. 11m, apr. 1965	1965
19650081174	Project ultra-echo monthly progress report no. 7, 1-31 jan. 1965	1965
19650081175	Project ultra-echo monthly progress report no. 8, 1-28 feb. 1965	1965
19650081178	Development of a 425 foot diameter passive communication satellite with self-erecting properties quarterly progress report no. 4 and monthly progress report no. 12m, may 1965	1965
19650081180	Development of a 425 foot diameter passive communication satellite with self-erecting properties quarterly progress report no. 3 and monthly progress report no. 9m, feb. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650081183	Research and Exploratory Development for the Office of Aeronautical Research, National Aeronautics and Space Administration Quarterly Report, Apr. - Jun. 1965	1965
19650081226	<investigation into the site and mode of antiverigo action of a new phenothiazine derivative> semiannual status report, dec. 15, 1964 - jun. 15, 1965	1965
19650081228	C-141a engineering flight test results of the anti-icing systems evaluation	1965
19650081278	Aerodynamic heating environment summary - amr flight test program - ws-133a	1965
19650081282	Results of a Low Speed Investigation of the Program 680A 20 Percent Scale SV-5P Vehicle in the University of Maryland Wind Tunnel - Ninth Series,	1965
19650081299	Dynamic analysis of the low radar cross section re-entry vehicle separation technique	1965
19650081310	Launch wind criteria /staff c2x-2/	1965
19650081319	Development of a 425 foot diameter passive communication satellite with self-erecting properties monthly progress report no. 10m, mar. 1965	1965
19650081320	Nasa industrial applications program status report no. 14, 29 feb. - 30 may 1965	1965
19650081368	J-2 Program Monthly Progress Report, Period Ending 31 Jul. 1963	1965
19650081389	Concentrated storable hydrogen peroxide monthly letter report, jul. 1965	1965
19650081400	Advancement of solid propellant rocketry final report, apr. 1957 - mar. 1961	1965
19650081437	Naval aircraft accident rates	1965
19650081472	Supersonic combustion of storable fuels	1965
19650081482	Development of precision non wire wound variable resistors second interim report	1965
19650081486	C-141a, landing gear system description and fault analysis	1965
19650081490	Remote sensing of hydrologic phenomena quarterly status report, apr. - jun. 1965	1965
19650081509	Miniaturized single camera avcs study monthly progress letter no. 6	1965
19650081510	Monthly technical progress report, march 1965	1965
19650081511	Monthly technical progress report, june 1965	1965
19650081512	Monthly technical progress report, may 1965	1965
19650081513	The problem of man's gravito inertial force environment in space flight progress report no. 9, 1 apr. - 30 jun. 1965	1965
19650081537	Quarterly progress report no. 3, 1 april - 30 june 1965	1965
19650081540	Mission oriented advanced nuclear system parameters study. volume vii- computer program documentation, mission optimization program, planetary stopover and swingby missions. part 2- program listings final report, apr. 1963 - mar. 1965	1965
19650081541	Mission oriented advanced nuclear system parameters study. volume viii- computer program documentation mission optimization program planetary flyby missions. part 2- program listigs final report, apr. 1963 - mar. 1965	1965
19650081542	Feasibility studies of promising stability and gravity /including zero-g/ experiments for manned orbiting missions second quarterly report, 1 apr. - 30 jun. 1965	1965
19650081551	Research leading to the development of a fast activating, high energy thermal battery final report, 15 jun. 1963 - 31 mar. 1965	1965
19650081558	Tiros operational system progress report, may 31 - jun. 30, 1965	1965
19650081559	Tiros operational system progress report, dec. 31, 1964 - jan. 31, 1965	1965
19650081615	Exploratory development in support of compound rotary wing aircraft interim reports no. 18 and no. 19	1965
19650081622	Design analysis and performance evaluation on electrical contacts for space vehicles second interim report, apr. 1 - jun. 30, 1965	1965
19650081633	Apollo communications and tracking	1965
19650081650	Vehicle influence on large solid motor design	1965
19650081651	Technical evaluation of an air turbo rocket engine as an mrbm first stage	1965
19650081656	Six-component force and moment canopy evaluation test results of an 8 percent scale sv-5p vehicle conducted in the cornell aeronautical laboratory, inc. 8- foot transonic wind tunnel engineering report no. 13872	1965
19650081684	Evaluation of some recent developments in liquid rocket propellants monthly letter report, 1-31 jul. 1965	1965
19650081721	Evaluation of aluminum-stainless steel brazed joints, part no. ps-11	1965
19650081732	Research program to extend cascade data to liquids and higher inlet angles monthly progress report no. 11, 22 aug. - 22 sep. 1965	1965
19650081733	Earth orbiting coronagraph quarterly status report, 1 apr. - 30 jun. 1965	1965
19650081734	Anaerobic work capacity as affected by stress fourth semiannual progress report, jan. 1 - jun. 30, 1965	1965
19650081735	Progress report, 11 june - 11 september 1965	1965
19650081896	Spacecraft sealing problems	1965
19650081897	Spacecraft structures	1965
19650081898	Summary of spacecraft technology and design problems	1965
19650081973	Xc-142a vtol transport program monthly progress report, 1-30 jun. 1965	1965
19650081982	Methods for gas determination in metals	1965
19650081983	<process and analyze space radiation data obtained with apl radiation detectors aboard various satellites including injun iii and 1963-38c/sn/39/> status report	1965
19650082004	Tiros video data compression study third monthly report, 5 jun. - 5 jul. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650082396	Nova Vehicle Systems Study. Part I - Conceptual Design Study. Volume 2 - Category B Vehicle Final Report	1965
19650082401	Swedish rocket launchings for space research svenska raketskjutningar for rymdforskning	1965
19650082621	Atlas Flox Program Fourth Monthly Progress Report, Jan. 3 - 30, 1965	1965
19650082633	Nimbus unique cda equipment monthly progress report no. 23, 31 may - 27 jun. 1965	1965
19650082640	Oxygen difluoride research study ninth quarterly expenditure report, 1 jul. - 30 sep. 1965	1965
19650082641	<research on measurement of atomic transition probabilities of high temperature cases> progress report	1965
19650082651	Continuous scanning meteorological camera system for nimbus satellites progress report, 1 jul. - 1 aug. 1965	1965
19650082652	Solar ultraviolet radiation quarterly status report, 15 may - 15 aug. 1965	1965
19650082653	Study of biogeochemistry of terrestrial and extraterrestrial organic matter quarterly status report, 10 may - 10 aug, 1965	1965
19650082655	1200' nimbus monthly letter progress report, jun. 1965	1965
19650082656	The sudden phase anomalies observed on long vlf paths during october 1963	1965
19650082662	Problems associated with the use of thermoplastic materials in mouldings	1965
19650082663	Development and fabrication of miniaturized electronic image magnifier tube technical progress report, 1-30 jun. 1965	1965
19650082665	Sa-10 launch vehicle measuring systems and associated checkout gse description	1965
19650082670	Monthly progress letter number 6, july 1 - 30, 1965	1965
19650082681	Monthly progress letter no. 5, june 1965	1965
19650082700	Tactical chaff system seventeenth monthly progress report, 1-31 aug. 1965	1965
19650082741	High energy propellant ingredient research technical report, 1 jun. - 31 aug. 1965	1965
19650082771	Chemically fueled dynamic power units for space applications survey	1965
19650082778	Close-in impact prediction analysis	1965
19650082792	Sa-10 launch vehicle rf and telemetry systems description	1965
19650082794	Investigation of positive-type shaft seal quarterly progress report, jul. - sep. 1965	1965
19650082801	Ats technological experiments /rfp 233-621c71- 16/. wobble damper for rotating vehicles	1965
19650082806	Teflon bibliography	1965
19650082814	Failure mode and effect analysis for test and checkout gse used at r-test for the saturn s-ic stage interim report	1965
19650082815	Improved throat inserts for ablative thrust chambers fifth interim progress report, jul. - sep. 1965	1965
19650082820	Defense communications system applications engineering manual. volume 1 - system planning and performance criteria.	1965
19650082831	Predicted flight test - motor performance data report, ftm-459	1965
19650082861	Human factor problems in anti-submarine warfare, degree of simulation desirable in asw trainers	1965
19650082888	The electrolytic deposition of iron-chromium- nickel alloys	1965
19650082892	The temperature dependence of the hall constant of the metals copper, silver, gold, rhodium and the alloys of silver with gold and palladium die temperaturabhangigkeit der hallkonstante der metalle kupfer, silber, gold, rhodium und der legierungen d	1965
19650082895	Investigation of dynamic inputs to aircraft electric power and lighting equipment first report /final/	1965
19650082898	Interpretation of near and vacuum ultraviolet band spectra final report	1965
19650082900	Symposium proceedings - operation snow ball, volume 1	1965
19650082901	Space science training for astronauts involved in nasa manned spaceflight missions progress report	1965
19650082902	Photochemical investigation of structural behavior of gyroscope components final report	1965
19650082906	Vistoplasticity ii progress report, 6 feb. - 31 may 1965	1965
19650082908	Timers and programers - event sequence time recorder, clockwork, signal	1965
19650082909	160-a diagnostic program /sfchex/ milestone 5	1965
19650082924	Compilation of abstracts on completed test, experimental, and development /ted/ projects, 1 july - 30 september 1965	1965
19650082942	Variable cycle engines for application to multi-mission aircraft	1965
19660000869	Actinometry	1965
19660000940	Structural and dynamic considerations in the spacecraft design	1965
19660000987	Physical Metallurgy of Titanium	1965
19660000988	Prospects for the development of investigations of the heat resistance of titanium alloys.	1965
19660000989	Phase diagram of the system Ti-O2 and some properties of the alloys of this system	1965
19660000990	Equilibrium diagram of the quaternary system Ti-Al-Mo-V	1965
19660000991	Phase structure of alloys of the system Ti- Al-Fe-Cr-Si with a constant content of aluminum and silicon	1965
19660000992	Study of the alloys of the ternary system Ti- Al-Zr	1965
19660000993	Phase equilibrium of alloys of the section Ti3Al-Zr of the ternary system Ti-Al-Zr	1965
19660000994	Study of the phase structure of the alloys of the system Ti-Al-Zr along the section Ti3Al-Zr	1965
19660000995	Relationship of structures formed on quenching titanium alloys to equilibrium phase diagrams	1965
19660000996	Stability of beta alloys of the system Ti- Mo-Cr-Fe-Al	1965
19660000997	Metastable polymorphism of alloys based on elements of group IV of the periodic system	1965
19660000998	Dilatometric study of transformations in titanium alloys	1965
19660000999	Dislocation theory of the hydrogen brittleness of titanium alloys	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660001000	Effect of alloying on the physicochemical properties of titanium	1965
19660001001	Determination of the characteristics of the interdiffusion of titanium and molybdenum from the attenuation of gamma radiation	1965
19660001002	On the redistribution of impurities in titanium and its alloys during oxidation	1965
19660001003	Effect of oxygen on the mechanical properties of heat-treated alloys AT3 and AT8	1965
19660001004	Characteristics of the oxidation of certain titanium alloys during heating prior to plastic deformation	1965
19660001005	Nitriding of titanium alloys at high pressures	1965
19660001006	Corrosion of titanium alloys of series VT and AT in solutions of sulfuric acid containing nickel sulfate	1965
19660001007	Chemical stability of titanium in certain aggressive media and scope of its use in chemical industrial equipment	1965
19660001008	Chemical stability of titanium in hydrohalic acids and halogens	1965
19660001009	Effect of sodium nitrate on the corrosion of titanium by hydrochloric and sulfuric acid	1965
19660001010	Study of the Use of Titanium Alloys in the Construction of Food Machines	1965
19660001011	Strength of interatomic bonding of single- phase alloys in the system Ti - Nb - Cr	1965
19660001012	Study of the creep of alloys in the system Ti-V-Nb-Mo	1965
19660001013	Characteristics of the cold brittleness of titanium	1965
19660001014	Creep of alloy AT3 at 350 deg	1965
19660001015	Study of the creep and thermal stability of alloy AT4 at 500 deg	1965
19660001016	Determination of the relaxation resistance of alloy AT3	1965
19660001017	Creep of alloys of the quaternary system Ti- Zr-Al-Sn at 750 deg	1965
19660001018	Study of the mechanical properties of titanium alloys AT3, AT4, AT6 and AT8 in relation to the testing temperature	1965
19660001019	High-temperature strength of alloys of the quaternary system Ti-Al-Mo-V	1965
19660001020	Thermal stability of alloys AT3 at temperatures of 350 and 400 deg	1965
19660001021	Effect of conditions of plastic deformation and subsequent treatment on the properties of certain titanium alloys	1965
19660001022	Some studies of the structure and properties of alloy VT5-1 during heating for stamping	1965
19660001023	Some characteristics of the heat treatment of alloy AT3 with a low content of alloying elements	1965
19660001024	Use of optical emission microanalysis in the study of titanium alloys	1965
19660001025	Defect inclusions in titanium ingots	1965
19660001026	Metastable phases of titanium alloys and conditions of their formation	1965
19660001032	On the resonance concept in systems of linear and nonlinear ordinary differential equations	1965
19660001033	Meteoritic matter in interplanetary space	1965
19660001095	Master Oscillator Requirements for Coherent Radar Sets	1965
19660001110	A Low-Noise Phase-Locked-Oscillator Multiplier	1965
19660001116	Computer-Aided Calculation of Frequency Stability	1965
19660001120	Project of a high-energy standard propulsion unit for the ELDO-B launch vehicle	1965
19660001121	Wind-tunnel tests of the ground effect on aircraft models	1965
19660001122	The first egress of man into space	1965
19660001123	Flight of the "Voskhod-2" spacecraft	1965
19660001125	Microelectronics in space research	1965
19660001126	Tungsten Powder Metallurgy	1965
19660001269	NASA Facts: Project Ranger	1965
19660001303	Radio emission of Saturn in 8 mm wavelength	1965
19660001318	Comparison of direct and indirect ascent modes for the 1969 Mars opportunity with an Atlas- Centaur launch vehicle	1965
19660001845	Kinetic current instability of Alfvén waves in a plasma with ions of finite larmor radius	1965
19660001849	Measurements of polarization and of brightness temperature distribution of Venus in the 10.6 cm wave	1965
19660001854	New data on the conditions of fall of Czechoslovakian Tektites /Vtavines/	1965
19660001858	Density near the forward stagnation point of a blunt body in a supersonic flow of rarefied gas	1965
19660001881	Reinforcement of the green line of the night sky glow upon ejection with the aid of a rocket of trimethylaluminum into the upper atmosphere	1965
19660001882	On the conductivity of plasma in strong electric and magnetic fields	1965
19660001913	Effects of propagation times on the steering of a narrow-beam laser to a deep-space vehicle	1965
19660001941	Low energy electrons in the magnetosphere	1965
19660001949	Design, fabrication and test of a flueric servovalve Quarterly report, 28 Jun. - 28 Sep. 1965	1965
19660001999	Magnetic test facilities at Ames Research Center and Malibu	1965
19660002278	MVTR vs corrosion in military packaging	1965
19660002315	Theoretical data on the stability of siderite in the process of metamorphism	1965
19660002316	On the frequency distribution of the orbital elements in the interplanetary dust particles	1965
19660002317	Protons in the inner radiation belt	1965
19660002318	Improvement of forecasts and analysis of laser measurements for satellite S-66	1965
19660002319	The alpha - gamma conversion in iron-nickel alloys under high pressure	1965
19660002320	Materials on genetic and experimental mineralogy	1965
19660002322	A physico-chemical model of the cometary nucleus	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660002323	Investigation of heat transfer during melting of ice under free flow conditions	1965
19660002324	Chemism of acute weight losses. Relation between water and salts in the organism	1965
19660002325	Comparative arterial oscillographic investigations of the forearm and leg in younger and older persons	1965
19660002326	Changes in pulse rate speed in limbs due to age and occupation	1965
19660002327	The state of gas behind a strong shock wave	1965
19660002328	Mass-spectrometric study of the vaporization of NbO	1965
19660002329	Development and correction of hypernatremia during a two hour hike at the highest temperature in the Sodom region /a preliminary report/	1965
19660002662	Experimental and theoretical results on heat transfer at the angle of attack of swept wings in hypersonic flight	1965
19660002725	High-temperature properties of sodium Final report	1965
19660002842	The Nimbus I Flight	1965
19660002847	Examples of the Meteorological Capability of the Nimbus Satellite	1965
19660002875	Pioneers of rocket technology Selected works	1965
19660002899	Research on thermal transfer phenomena Third quarterly status report, Jul. 1 - Sep. 30, 1965	1965
19660002913	Expanding the concepts of automatic control	1965
19660002914	Classification of statistical measurement information systems	1965
19660002915	Loss of information due to frequency distortions	1965
19660002916	Centrotechnique	1965
19660002917	Statistical registration of a large number of quantities during the automatic centralized control of industrial and test processes	1965
19660002918	Telemetering devices with automatic compensation	1965
19660002919	Two forms of the expression for distributions	1965
19660002920	The generation of parameters for the functional relationship y equals n over Σ over j equals 0 a_{jx} in measurement devices	1965
19660002921	The application of mathematical methods in systems engineering	1965
19660002922	Application of the theory of flow graphs to the analysis of electronic circuits	1965
19660002923	Static accuracy of multi-loop measurement systems and automatic systems	1965
19660002924	Automatic harmonic analysis for measuring low-frequency periodic loads in the presence of high-level disturbances	1965
19660002925	Selecting sub-carrier frequencies in high speed multi-channel frequency telemetering systems	1965
19660002926	Chain-ring method of coding	1965
19660002927	A matrix computer for calculating the correlation function	1965
19660002928	Polar correlators and their application	1965
19660002929	Analysis of information on the sintering process of iron concentrates by multiple correlation methods	1965
19660002930	Application of a digital computer to monitor the condition of a cosmonaut and life-support systems	1965
19660002931	Data processing systems in space biology	1965
19660002932	Sensors for physiological investigations under spaceflight conditions	1965
19660002933	Design of automatic equipment for analyzing ballistocardiograms	1965
19660002934	Pulse method in the nondestructive control of metal products	1965
19660002935	Determination of optimum frequency during nondestructive control of pipe thickness	1965
19660002936	Automatic production line for sections of electrolytic condensers	1965
19660002937	Control system for the automatic production line used to fabricate sections of electrolytic condensers	1965
19660002938	A machine for the centralized automatic control of aluminum production	1965
19660002939	A system with automatic switching for continuous control of cold-rolled transformer iron	1965
19660002940	Automatic measurement of pipe length during the process of hot-rolling	1965
19660002941	Measuring the weight and rate of pouring of liquid steel into casting molds	1965
19660002942	Thermoelectric methods of measuring temperature incorporating a memory device	1965
19660002943	Method of measuring temperature under conditions of high noise level	1965
19660002944	Pyrometer for contactless measurement of temperature on the surface of a traction motor rotor when an electric locomotive is moving	1965
19660002945	Multiple photocell method for automating optical control	1965
19660002946	Photoelectric manometer for remote control	1965
19660002947	On the dynamic characteristics of potentiometric pressure sensors	1965
19660002948	A device for measuring the signals from strain gages and their rate of growth	1965
19660002949	Conductometric frequency sensors using RC-generators	1965
19660002950	A parametric series of grain hygrometers	1965
19660002951	Some approaches to the development of infrasonic vibrometers	1965
19660002952	Devices for measuring the time characteristics of relays	1965
19660002968	Energy transformation in the atmosphere of the Northern and Southern hemispheres and interaction of processes in both hemispheres	1965
19660002969	Influence of tropospheric processes on changes in the temperature field and circulation in the stratosphere	1965
19660002970	Seasonal reconstruction of the wind field in the stratosphere	1965
19660002971	Processes in the stratosphere based on rocket sounding data	1965
19660002972	Climatology of noctilucent clouds according to observations performed during the IGY	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660002973	Reduction of stress concentration in a plate of unlimited dimensions with angular notches	1965
19660002974	Restoration of contractility and prospects for transplantation of human and animal hearts	1965
19660003055	The electromagnetic hammer	1965
19660003057	Method of determining the propagation velocity of pulse waves	1965
19660003062	To develop and evaluate techniques and instrumentation for the measurement of cosmic radiation anisotropies Quarterly progress report combining periods 1 Apr. - 30 Jun. and 1 Jul. - 30 Sep. 1965	1965
19660003087	Preliminary study of dial reading performance during sustained acceleration and vibration	1965
19660003162	Problems of radiation safety in space flights, physical and biological studies with high- energy protons	1965
19660003163	Characteristics of the radiation effect under space flight conditions and ways to determine admissible radiation levels	1965
19660003164	Dosimetric investigations and shielding studies using the synchrocyclotron of the Joint Institute for Nuclear Research	1965
19660003165	Biological effect of protons with energies of 510 MeV in cases of multiple irradiation	1965
19660003166	Biological effect of protons with energies of 510 MeV during single irradiation	1965
19660003167	Biological effect of protons with energies of 126 MeV on corneal epithelia of mice	1965
19660003168	Determination of the biological effect of protons with energies of 510 MeV and X-rays with energies of 180 KV on hereditary structures	1965
19660003169	Biological effect of protons with energies of 130 MeV, X-rays with energies of 180 KV AND CO60 gamma radiation on the vestibular apparatus	1965
19660003170	Biological effect of multiple X-ray irradiation with energies of 180 KV compared with proton irradiation /doses and temporal distribution/	1965
19660003171	Comparative analysis of biological effect of proton radiation with energy of 510 MeV	1965
19660003172	Prophylaxis and therapy of radiation injuries caused by protons	1965
19660003213	Stresses near an elliptic hole subject to oscillating pressure	1965
19660003563	Study of Hovair application for Saturn Final report	1965
19660003617	Flapwing craft	1965
19660003736	Unitary vertical conduction currents as a measure of thunderstorm activity for the entire surface of the earth	1965
19660003760	Propagation of an arbitrarily oriented rectilinear crack during extension of a plate	1965
19660003761	Streamlines in a Steady Flow	1965
19660003866	Gimballess inertial navigation systems Annual report, 1 Nov. 1964 - 31 Oct. 1965	1965
19660003962	Electric contacts	1965
19660004004	Gamma and X-ray astronomy - New methods of space research	1965
19660004005	Acceleration of a pulsating plasma slug	1965
19660004006	The physics of very hot plasma	1965
19660004007	Isotropization of cosmic rays	1965
19660004008	Noise problem	1965
19660004009	Electron probe microanalysis of light elements	1965
19660004010	Verification of a hypothesis concerning the type-3C273 radiosources	1965
19660004011	On some characteristics of radio emission sources connected with the active regions of the sun	1965
19660004126	Juncture stress fields in multicellular shell structures. Volume II - Stresses and deformations of fixed-edge segmental cylindrical shells Final report	1965
19660004187	Experience in analysing infrared pictures of clouds obtained by the meteorological satellite "Nimbus-1"	1965
19660004188	The underground geophysical stations and the horizontal pendulums of the Observatoire Royal de Belgique	1965
19660004189	Limit equilibrium of non-homogeneous plates and rotation shells with piece-wise linear plasticity conditions	1965
19660004190	Curvature of a spherical shell under the influence of constant asymmetric load	1965
19660004191	Horizontal and axisymmetric transitional gas dynamics at the anterior border of a streamlined body	1965
19660004192	The effect of light on plant reproduction	1965
19660004193	Three-dimensional supersonic equilibrium flow of a gas around bodies at the angle of attack	1965
19660004194	Synthesis of adenylyl-5 prime yields N/- amino acids /peptides/ by means of the carbodiimide method	1965
19660004195	Fluctuations in human body temperature with particular consideration on the effect of reversal of daily activity patterns	1965
19660004196	Plasma engines and their potentialities	1965
19660004197	Investigation of the polar aurorae, geomagnetic disturbances, and the ionosphere at high latitudes	1965
19660004198	The diurnal march of ionospheric wind velocity in the zone of polar aurorae and SD- variation	1965
19660004199	Morphology of hydrogen emission in polar aurorae	1965
19660004200	Some features of the latitude drift of polar aurorae	1965
19660004201	The orientation of homogeneous arcs of polar aurorae and their correlation with the currents of magnetic disturbances	1965
19660004202	Zone of intrusion of the corpuscular flux and the spiral distribution of the maximum perturbation time	1965
19660004203	Short-period fluctuations in the glow intensity of polar aurorae and their association with geomagnetic pulsations	1965
19660004204	Determination of the parameters of the disturbed ionosphere in the zone of polar aurorae	1965
19660004205	Back-scatter sounding of the ionosphere at Murmansk	1965
19660004206	Mutual position of the current SD-vortices and the main zone of polar aurorae	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660004207	Results obtained from investigations of the SD-variations in high latitudes	1965
19660004236	Navigation system test station Final report	1965
19660004770	Hypergeometric functions and various related problems	1965
19660004771	Investigation of primary cosmic rays on the "Proton-1" spacecraft	1965
19660004844	Chemical thermodynamics in nonferrous metallurgy. Volume III - Thermodynamics of tungsten, molybdenum, titanium, zirconium, niobium, and tantalum and of their more important compounds	1965
19660004846	Solar-activity forecasting	1965
19660004868	Mechanics of gyroscopic systems	1965
19660004869	The meteoroid environment and its effects on materials and equipment	1965
19660004986	Abundances and energy spectra for nuclei of galactic origin above 20 MeV per nucleon	1965
19660005088	Study of a nuclear electric generator for space	1965
19660005089	Parameters and characteristics of elements of automation	1965
19660005090	Survey on problems in the field of nucleate boiling and film boiling	1965
19660005091	X-ray fluorescence analysis with a focused primary beam	1965
19660005092	New method of investigating the chemical composition of a microvolume of an alloy	1965
19660005093	Solution of the equation of vertical flight of a rocket by the graphic-mathematical method	1965
19660005238	Interplanetary navigation and guidance study. Volume II - Technical study	1965
19660005265	The commutatorless torquer Final report	1965
19660005292	Simulation of selected discrete networks. Volume two - User reference guide discrete network simulation programs Final report	1965
19660005339	Characteristics of liquid-solid mixtures of hydrogen at the triple point Summary report, 1 Mar. 1964 - 30 Jun. 1965	1965
19660005413	Mariner-Venus 1962 Final project report	1965
19660005494	On the determination of optimum command address codes	1965
19660005537	NASA 1965 summer conference on lunar exploration and science	1965
19660005670	Communications of the lunar and planetary laboratory, volume 3, no. 41-49	1965
19660005683	Some observational aspects of X-ray astronomy	1965
19660005718	On the problem of non-regulated activity in conditions of prolonged isolation with sensory deprivation	1965
19660005937	Fundamentals of engineering cybernetics	1965
19660006298	Data Compilation and Evaluation of Space Shielding Problems. Volume II - Dose Calculations in Space Vehicles	1965
19660006324	Photographic observations of lunar surface from Japan - Final status report, 15 Feb. - 15 Aug. 1965	1965
19660006344	Fabrication methods for lithium drifted surface barrier silicon detectors	1965
19660006345	Computer program for analysis of beta-ray spectra measured with solid state detectors	1965
19660006485	NASA PATTERN relevance guide. Volume II - Concepts	1965
19660006525	Investigation of the solidification, structure and properties of eutectic alloys including consideration of properties control First semiannual progress report	1965
19660006689	Missions to the comets	1965
19660006813	Hitab attitude control system Final report	1965
19660006857	Brightness variation of the Echo I satellite	1965
19660006859	Titanium and zirconium carbide coatings on graphite	1965
19660006916	Investigation of high-speed impact phenomena, volume II	1965
19660006990	Investigation of electron emission characteristics of low work function surfaces Quarterly progress report no. 4, 1 Jul. - 30 Sep. 1965	1965
19660007128	A programmable digital compensator for single loop high performance digital servomechanisms	1965
19660007166	Chamber technology for space-storable propellants	1965
19660007277	Extraterrestrial life - A bibliography. Part II - Published literature, 1900-1964	1965
19660007286	Studying the phase composition of meteoritic iron by the local X-ray spectral analysis method	1965
19660007306	Electromagnetic compatibility principles and practices	1965
19660007536	Variance reduction techniques	1965
19660007576	MNR magnetometric device with flowing liquids	1965
19660007784	Radiosonde automatic data processing system 1146450-2 Final report	1965
19660007837	The effect of the gas medium and pressure on body functions, collection III	1965
19660008098	Lunar Surface and Free Space Hazards Relating to Space Suit Design	1965
19660008099	Zero-g studies and pressure suits	1965
19660008100	Preliminary Investigations of Space Maintenance	1965
19660008101	The use of spacesuits in water immersion studies	1965
19660008102	Evaluation of replacement times of spacecraft radios under simulated weightlessness	1965
19660008103	Shirtsleeve-spacesuit effects on human performance	1965
19660008104	The effect of reduced gravity and pressure suits upon operator capability	1965
19660008105	Physiological cost of donning a full pressure suit	1965
19660008106	Work and thermal loads on men working in space suits	1965
19660008148	A method for obtaining the parameters of electron-density profiles from topside ionograms	1965
19660009157	Contribution to the theory of heat transfer at strong temperature and pressure gradients in the direction of the flow, for plane rotationally symmetrical boundary layers	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660010584	Electrical insulation materials, SNAP 8 radiation effects test program, volume II	1965
19660010816	Signal selection for telemetry channels	1965
19660011506	The Indirect Exchange Interaction in the Rare Earth Metals	1965
19660011788	Voyager spacecraft system. Preliminary design, volume A /book 1 of 4/ - Flight spacecraft preferred design - System description	1965
19660012141	A study of the resonance effects due to the earth's potential function	1965
19660012165	Transistor, field effect, insulated gate, 100 Mc amplifier Final report, 1 Dec. 1964 - 1 Jun. 1965	1965
19660012610	Influence of crystallographic and metallographic structures on dynamic behavior of materials	1965
19660012877	Derivation of mapping functions for star-shaped regions	1965
19660013064	A transient heat transfer and thermodynamic analysis of the Apollo service module propulsion system. Vol. II, phase II - Thermal test program Final report, 28 Jul. 1964 - 28 Jul. 1965	1965
19660013610	Centaur launch countdown automatic sequence functions and event times, Atlas/Centaur AC-8 effectivity	1965
19660014173	Physics of the atmosphere, a course in meteorology	1965
19660014226	Distortion of gas thrust bearing due to viscous shear	1965
19660014238	Thirteenth semiannual report to congress, January 1 - June 30, 1965	1965
19660014327	Navigation accuracy for infrared equipped Apollo aircraft for reentry tracking	1965
19660014346	Methods of determining the Saturn I buffeting response from rigid model wind tunnel tests, volume II	1965
19660014458	The fermi acceleration of charged particles in the transition region beyond the magnetosphere	1965
19660014833	Investigation of in-flight roll control techniques for sounding rockets Final report, Aug. - Dec. 1965	1965
19660015143	Apollo Experiments Guide	1965
19660015308	Similarity laws for lifting bodies of minimum drag at hypersonic speeds	1965
19660015345	Hyperlift and balancing of slender wings	1965
19660015619	Electrocardiography	1965
19660016031	Identification atlas of molecular spectra. 3 - The Nplus over 2 B 2Sigma plus over u minus X 2Sigma plus over g - First negative system of nitrogen	1965
19660017217	Physiological status of men subjected to prolonged confinement Final report, Feb. 1963 - Feb. 1965	1965
19660017256	The design and analysis of sensitivity experiments, volume I and volume II	1965
19660017918	Investigation of the X-ray emission of solar flares by the radioastronomical method	1965
19660018035	Fine attitude control system, volume II FINAL report	1965
19660019464	The navigation, guidance and control of a manned lunar landing	1965
19660019776	A Report from Mariner IV	1965
19660020107	A phased array antenna system for communication satellites	1965
19660020173	Scientific objectives, capabilities and calibration requirements of the Surveyor S/C TV camera system Final engineering report	1965
19660020192	Orbiting Solar Observatory satellite OSO I - The project summary	1965
19660020227	Operational configuration data for Centaur GSE and facilities. Volume II - Electrical and electronic systems	1965
19660021002	Problems of plasma theory	1965
19660021112	Determination of the input impedance and the radiation patterns for a cylindrical gap antenna	1965
19660021113	Determination of input admittance and radiation patterns for waveguide excited - axially slotted cylindrical antennas	1965
19660021114	Determination of radiation patterns for a circular waveguide slot array	1965
19660021937	Certain results of observations taken during the space flight of the Voskhod	1965
19660022134	A separable connector design handbook	1965
19660022141	Precision tube flaring by controlled metal displacement	1965
19660022149	Two Fluid Connector Joining Techniques Involving Large Metal Deformation	1965
19660023406	Photoionization cross section for Cminus, N and Oplus	1965
19660023416	Studies program symposium	1965
19660024149	Forced Sound Propagation Induced by a Fractionally Accommodating Piston	1965
19660024654	X-ray spectrographic determination of some metal oxide additives in VO2 and ThO2	1965
19660028656	Publications of Goddard Space Flight Center, 1964. Volume I - Space sciences	1965
19660028671	Evidence for rapid motion of the outer boundary of the magnetosphere	1965
19660028672	Secular and non-secular behavior for the cold plasma equations	1965
19660028681	Theory of the 2s and 2p excitation of the hydrogen atom induced by electron impact	1965
19660028682	Electron microscopy of meteoritic and artificially shocked graphite	1965
19660028683	Hyperfine structure in the microwave spectrum of NH2D	1965
19660028688	The Automatic Picture Transmission System on Tiros VIII	1965
19660028699	Development of optimum frame synchronization codes for Goddard Space Flight Center PCM telemetry standards	1965
19660030691	Absorption of highly soluble gases by high speed axial flow atomizing equipment	1965
19660031312	Polycrystalline EPR Spectrum of Fe Super 3 Super plus Ions in MgO.	1965
19660033698	A Nonlinear Analog/Digital Converter for More Constant Accuracy.	1965
19660033699	A High-Performance Miniaturized Preamplifier for Biological Applications.	1965
19660036541	Contractual Implementation of NASA's 250-1	1965
19660043702	Summation and general discussion.	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660047290	Some Geologic Problems of Mars.	1965
19660064092	The future of environmental biology and the contribution of space research.	1965
19660064827	Recovery effect of highly polymerized deoxyribonucleic acid on lethally irradiated organisms.	1965
19660066341	Static aerodynamic characteristics of the Apollo-Saturn IB vehicle	1965
19660066342	Modification of a Pegasus spacecraft to perform a cislunar mission	1965
19660066343	A program to determine the luminous coefficients of artificial meteors Final report	1965
19660066347	A study by an electrical analogue of slotted wall tunnel interference in oscillating flow	1965
19660066348	The stacking of measured compressor stage characteristics to reproduce the compressor overall performance	1965
19660066349	Automatic electron-emission control in high vacuum devices	1965
19660066350	Some flight measurements of crosswind landings on a small delta aircraft /AVRO 707A/	1965
19660066351	Suggested modifications to the bearing quality measuring machine	1965
19660066352	An assessment of semiconductor strain gauges, part II	1965
19660066353	Schlieren photography of free flight models in the NPL 6 in. shock tunnel using a high speed framing camera or a repetitive spark light source	1965
19660066354	Some low speed bird impact tests on the windshield of the CL-41 Tutor aircraft	1965
19660066355	Summary of the tenth refractory composites working group meeting	1965
19660066356	Silicide coatings on tantalum an codeposition of TaC and TaSi ₂ on tantalum	1965
19660066357	An analysis of the /Cr-Ti-/Si coating chemistry and modification for the protection of columbium base-alloys	1965
19660066358	Research in protective coatings for refractory metals	1965
19660066359	Recent refractory metal coating activities at Mc Donnell Aircraft	1965
19660066360	Research and development in coating application processes for refractory metals	1965
19660066361	Marquardt materials research activities	1965
19660066362	Current status of coatings for the protection of tantalum above 3500 deg F	1965
19660066363	High temperature coatings for tantalum base alloys	1965
19660066364	Electrophoretic coatings for refractory metal structural fasteners	1965
19660066365	Flame sprayed molybdenum	1965
19660066366	Oxidation-resistant coatings for refractory metals	1965
19660066367	Preliminary results of a study of coated Ta-10W sheet for heat-shield applications	1965
19660066368	Experimental study of factors controlling the effectiveness of high-temperature protective coatings for tungsten	1965
19660066369	Summary of the thermochemical deposition studies at Oak Ridge National Laboratory, August 1964 - March 1965	1965
19660066370	The influence of vaporization processes on oxidation	1965
19660066371	Activities of Chromalloy Division in the development of refractory composites, ductile aluminum based coatings	1965
19660066372	Development of oxidation resistant coatings for refractory metals	1965
19660066373	Intermetallic materials at temperature of 2000 deg F to 3000 deg F	1965
19660066374	Iridium coatings for the protection of graphite from oxygen corrosion at high temperatures	1965
19660066375	Shear bond strength of alumina coatings	1965
19660066376	Status of ROKIDE coating system and summary of hot pressing capabilities	1965
19660066377	Evaporated carbon coatings	1965
19660066378	Thermal shock characteristics of refractory materials	1965
19660066379	Refractory composites for thermal protection	1965
19660066380	Refractory composite work at United Technology Center	1965
19660066381	Impregnated foam ceramic insulating materials	1965
19660066382	Throat inserts for ablative thrust chambers	1965
19660066383	An analysis of the chemical behavior of reinforced resins in some propellant systems of current interest	1965
19660066384	Screening of candidate rocket nozzle materials	1965
19660066385	The development of the AMICOM 18,000 KW HYPERTHERMAL test facility	1965
19660066386	A direct evaluation technique for brittle leading edge materials	1965
19660066387	Reinforced metal composites	1965
19660066388	Fabrication of fiber metal composites	1965
19660066389	Refractory composites	1965
19660066390	2000 deg F power conductors for aerospace applications	1965
19660066391	Reinforced pyrolyzed plastics	1965
19660066392	Studies of advanced refractory composites concepts for structural and heat shield applications	1965
19660066393	Ablation composites evaluation at General Dynamics/Fort Worth	1965
19660066394	Strength of slip cast fused silica	1965
19660066395	Some properties of chromium-magnesia alloys	1965
19660066396	BeO single crystal filament- Their growth and their potential as reinforcement in composite structures	1965
19660066397	Metal fiber reinforced ceramic composites	1965
19660066398	Narmco activities in refractory composite materials	1965
19660066399	Felted ceramics and prestressed slip-cast fused silica	1965
19660066400	Ceramic-ceramic fiber composites	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660066401	A review of current refractory composite research in ceramics at IIT Research Institute	1965
19660066402	Refractory composite research and development at the Boeing Company	1965
19660066403	Advances in refractory alloy coatings technology resulting from the X-20 program at the Boeing Company	1965
19660066404	Tungsten fiber reinforced nickel composites	1965
19660066405	Ceramic reinforcements for composites	1965
19660066406	Air Force sponsored studies on high temperature emittance at the National Bureau of Standards	1965
19660066407	Research on fiber-reinforced composites	1965
19660066408	Continuous level meter	1965
19660066409	Stiffness method of analysis for space frames	1965
19660066410	Some notes on the calculation of the zero-lift wave drag of slender wings with swept trailing edges	1965
19660066411	Spontaneous ignition of kerosene /AVTUR/ fuel vapour- The effect of vessel size	1965
19660066412	A simple aircraft electrical system using changeover contactors	1965
19660066413	Low-speed tunnel tests of a low-wing subsonic jet-transport model with ground simulation by moving-belt rig	1965
19660066414	Electromagnetic waves in tubular conductors with isotropic plasma	1965
19660066435	Measurements of relative values of electron impact ionization cross sections of Ag, Zn, Cd, S ₂ , Se ₂ , Te and Te ₂ Technical report, 29 Mar. 1963 - 29 Mar. 1964	1965
19660066445	Low thrust reaction jet performance	1965
19660066468	Propellant utilization and control for spacecraft Final report, 28 May 1963 - 21 Jul. 1965	1965
19660066469	A study of system-coupled longitudinal instabilities in liquid rockets. Part I- Analytic model Final report, Jul. 1964 - Sep. 1965	1965
19660066470	A study of system-coupled longitudinal instabilities in liquid rockets. Part II- COMPUTER program Final report, Jul. 1964 - Sep. 1965	1965
19660066471	Solid propellant ignition studies Second quarterly report, Jul. - Sep. 1965	1965
19660066472	Neutron flux spectra determination by foil activation. Volume I- An advanced foil activation method of determining neutron flux spectra for radiation effects studies Technical report, Apr. 1964 - Jun. 1965	1965
19660066473	Management systems. Volume II- Elements of effectiveness assurance management Final report	1965
19660066474	Investigation of bonding in oxide-fiber /Whisker/ reinforced metals Third quarterly report, 1 Jan. - 31 Mar. 1965	1965
19660066475	Design criteria for rotary seals for a space environment. Part I- Rotating fluid ring seal evaluation	1965
19660066476	Design criteria for rotary seals for a space environment. Part II- Screw seal evaluation	1965
19660066477	Rocket exhaust contaminants and base heating tests Technical report, Feb. 1964 - May 1965	1965
19660066478	A generalized graphical presentation of magnetohydrodynamic accelerator and generator performance characteristics	1965
19660066479	The feedback capacitor as a frequency response design tool in a voltage feedback pair	1965
19660066480	Thermal characteristics of the "cap pistol" rocket motor exhaust plume Technical report, May 20 - Jun. 1, 1965	1965
19660066481	Determination of operational limits of a power transmission slip-ring assembly for use in an aerospace environmental chamber Technical report, Apr. 5 - May 13, 1965	1965
19660066482	Feasibility study of a high density shock tunnel augmented by a magnetohydrodynamic accelerator Technical report, Apr. 1964 - Jul. 1965	1965
19660066484	Purification of beryllium by sublimation and evaporation Technical report, 15 Jun. 1963 - 14 Oct. 1964	1965
19660066486	Development of properties data and processing conditions for fabrication of parts made of polybenzimidazole-glass reinforced laminates. Volume I- Processing conditions Final report, 3 Jun. 1963 - 31 Mar. 1965	1965
19660066487	Development of properties data and processing conditions for fabrication of parts made of polybenzimidazole-glass reinforced laminates. Volume II- Design data Technical report, 3 Jun. 1963 - 31 Mar. 1965	1965
19660066488	Thermodynamic properties of zirconium and hafnium halides, part 1 Technical report, 23 Jan. 1964 - 23 Jan. 1965	1965
19660066489	Determination of mechanical property design valves for 18 NiCoMo 250 and 300 grade maraging steels Final report, 15 Jan. 1964 - 31 May 1965	1965
19660066490	Transition probabilities of certain heavy elements Technical report, 1-31 May 1965	1965
19660066491	Beryllium bi-crystal studies, Volume I Final report, 1 Jun. 1964 - 31 May 1965	1965
19660066492	1400 deg F ultra high strength alloy development program, volume I Technical report, Jul. 1964 - Jul. 1965	1965
19660066493	Evaluation of graphite composites in re-entry environments Final technical report, 1 May 1964 - 30 Jul. 1965	1965
19660066494	Mass spectrometric study of the gaseous molecules ZnS and ZnSe Technical report, 29 Mar. 1963 - 29 Mar. 1964	1965
19660066495	Research on low noise cathode development Final report, May 1 1963 - Jun. 30 1965	1965
19660066496	Thin-film measurement techniques. Part i- Developments in the tunneling mechanism within aluminum-aluminum oxide-aluminum diodes Technical report, Oct. - Dec. 1964	1965
19660066497	A study of solid state microwave devices and phenomena- Research on the gunn effect	1965
19660066498	Fiber optics field flattener Final report, Mar. 1964 - Mar. 1965	1965
19660066499	Heterojunction device concepts Technical report, Aug. 1964 - Jul. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660066500	Optical and mechanical components for stabilized gas ring lasers	1965
19660066501	Tactical V/STOL weapon system control display requirements study	1965
19660066503	Fuselage fail-safe design data for the supersonic transport- Follow-on program Final report, 1 Sep. 1964 - 30 Oct. 1965	1965
19660066504	Development of photo-tape manufacturing methods Interim engineering report no. 1, 1 Mar. - 31 May 1965	1965
19660066505	Manufacturing methods for high temperature coating of large columbium parts Third interim progress report, 1 Jun. - 31 Aug. 1965	1965
19660066506	Process development of large, close tolerance forgings of nickel base superalloys Interim engineering progress report, 1 Jul. - 30 Sep. 1965	1965
19660066507	Resistance welding of refractory metals Fourth interim engineering progress report, 1 Jul. - 1 Oct. 1965	1965
19660066508	Diffusion bonded titanium alloy honeycomb panels Interim engineering progress report, 1 Feb. - 30 Apr. 1965	1965
19660066509	Development of a point deformation rolling mill Fifth interim engineering progress report, 1 Jul. - 30 Sep. 1965	1965
19660066510	Process development for precision titanium forgings Interim engineering progress report, 1 Jun. - 31 Aug. 1965	1965
19660066511	Research and development on mathematical- analytical techniques in casting Phase I interim engineering progress report, 1 Dec. 1964 - 31 Aug. 1965	1965
19660066512	Development of an integrated and mechanized high energy forming machine Interim engineering progress report, 1 Jul. - 30 Sep. 1965	1965
19660066513	Development of surface measurement system Interim engineering progress report, 1 Jul. - 30 Sep. 1965	1965
19660066514	Electrophoretic deposition of refractory metals coatings Interim engineering progress report, 28 Jun. - 30 Sep. 1965	1965
19660066515	Development of improved cutting tool materials Interim engineering progress report, 16 May - 15 Aug. 1965	1965
19660066516	Development of improved cutting tool materials Interim engineering progress report, 14 Jun. - 14 Sep. 1965	1965
19660066517	Structural influence coefficients for a redundant system including beam-column effects- Analytical development and computational procedure	1965
19660066518	Probe for measuring ion density in a slightly ionized high speed flow	1965
19660066519	The thermal oxidation of perfluoroolefins	1965
19660066520	Theory of the stimulated Raman effect in plasmas	1965
19660066521	Error correcting performance attainable by convolution encoding Final report	1965
19660066522	Heterodyne detection of pulsed optical-radar returns from specular and rough targets Interim technical report, Nov. 1963 - Jan. 1965	1965
19660066523	Characteristics of radar returns from a periodically rotating dipole	1965
19660066524	Synthesis of near-optimal feedback control for space vehicle systems Interim technical report	1965
19660066525	Titan III acoustic/vibration test program, phase II	1965
19660066526	Fundamental research on advanced oxidizers Quarterly technical report no. 10, Mar. - May 1965	1965
19660066527	Observation systems employing periodic sampling	1965
19660066528	Night observation device, medium range, tripod mounted Final technical report, Jul. 1962 - Jul. 1965	1965
19660066529	User's manual for the computerized electronic system cost model- FY65 updating	1965
19660066530	A decision theoretic effectiveness model of the acquisition and threat evaluation functions of BMEWS	1965
19660066531	Meteorological data report Athena flight number 020 /2 August 1965/	1965
19660066532	Meteorological data report, Athena flight number 026 /13 September 1965/ and Athena flight number 027 /14 September 1965/	1965
19660066533	Meteorological data report, Athena flight 028 /20 September 1965/	1965
19660066534	Meteorological data report Athena flight number 029	1965
19660066535	Dynamics of liquid-filled shell- Theory of viscous corrections to Stewartson's stability problem	1965
19660066536	Tables of the probability integral of the central t-distribution	1965
19660066537	Covariance computation program /COVA/, a recovery covariance analysis	1965
19660066538	On finding the disc of minimum radius containing a given set of points	1965
19660066540	Development of low-noise C-band permanent magnet traveling-wave tube Final report, 5 Feb. 1964 - 6 May 1965	1965
19660066541	Laser digital devices Final report, Jul. 1, 1963 - Apr. 28, 1965	1965
19660066542	Study and investigation of millimeter and submillimeter wave receiver techniques Quarterly report no. 7, 1 Jan. - 31 Mar. 1965	1965
19660066546	Materials for rocket construction	1965
19660066548	The temperature and velocity field of a vertical, heat-radiating plate at natural convection	1965
19660066549	A comparison between an area scale altimeter and a counter-pointer altimeter Interim report	1965
19660066550	Effects of water vapor on the electron density of high temperature air, including equilibrium concentrations from 2500 deg K to 10,000 deg K	1965
19660066551	NATO Conference on the Military Applications of Programmed Instruction, Naples, 20-23 April 1965	1965
19660066552	Data Evaluation of Ground and Environmental Measurements on SA-8 Launch Final Report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660066553	Thin film research in France and Switzerland	1965
19660066554	Manufacturing process development for rolling cast slabs of columbium /Cb-752/ alloy Interim engineering progress report no. V, 1 Jun. - 31 Aug. 1965	1965
19660066555	BeO ceramics for microwave applications First quarterly report, Apr. 10 - Jul. 10, 1965	1965
19660066556	Tropical service life of electronic parts and materials Final report, 1 May 1963 - 30 Apr. 1965	1965
19660066557	Tunable preselector Final report, 26 Sep. 1963 - 31 Jan. 1965	1965
19660066558	BORAM project First quarterly report 15 Mar. - 15 Jun. 1965	1965
19660066559	Some theoretical problems in wave propagation as a background for experimental research	1965
19660066560	High power laser techniques Fourth quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660066561	Reliable, low cost, stable resistors, general purpose Eighth quarterly progress report, 1 Feb. - 30 Apr. 1965	1965
19660066562	Second gradient of strain and surface-tension in linear elasticity	1965
19660066563	Exact design techniques for microwave TEM FILTERS Final report, 1 Feb. - 30 Apr. 1965	1965
19660066564	Development of high strength alloys by cryogenic stretch-forming Final report, part II	1965
19660066565	Ceramic fiber optics /U/ Interim technical report, Mar. 1 - May 31, 1965	1965
19660066566	High-energy solid-propellant efficiency investigation /U/ Final report, 1 Mar. 1964 - 28 Feb. 1965	1965
19660066567	Powerplant studies for shaft-driven helicopter /U/ Final report, 30 Jun. - 31 Dec. 1964	1965
19660066568	Synthesis of inorganic oxidizers /U/ Quarterly progress report, Jun. 1 - Sep. 1, 1965	1965
19660066569	High energy propellant combustion hazards particle size study, Volume I /U/	1965
19660066570	Study of reverse hybrid propulsion system /U/ Final technical report, 1 Jan. 1964 - 31 May 1965	1965
19660066571	Research in high-energy propellant ingredients, 1 July - 30 September 1965 /U/	1965
19660066572	Advanced propellants for prepackaged liquid engines /U/ Quarterly report no. 1, 12 May - 11 Aug. 1965	1965
19660066573	Advanced oxidizer research /U/ Quarterly report, 1 Apr. - 30 Jun. 1965	1965
19660066574	Exploratory development program for a lightweight solid rocket pulse motor /U/ Written progress report, 1 May - 31 Jul. 1965	1965
19660066575	A feasibility demonstration of a "thermal- structural" nozzle for solid propellant rocket motors /U/ First quarterly progress report	1965
19660066576	Feasibility study of self-sealing fuel-tank installation on the TO-ID aircraft /U/	1965
19660066577	Mass spectrometric studies of IBA /U/	1965
19660066578	Surveillance characteristics of EPU hawk fuel /U/	1965
19660066579	LANCE guidance and control system hardware analysis /U/	1965
19660066580	156 inch diameter motor movable nozzle program. Volume I- Program survey /U/ Final technical engineering report, 1 Jul. 1963 - 15 Jan. 1965	1965
19660066581	Properties of photodetectors /U/	1965
19660066582	156 inch diameter motor movable nozzle program. Volume II- Subscale motor development /U/ Final technical engineering report, 1 Jul. 1963 - 15 Jan. 1965	1965
19660066583	Pilot plant operations /U/ Technical progress report, 1 Jan. - 31 Mar. 1965	1965
19660066584	Fluid amplification control for exhaust jet deflection /U/	1965
19660066585	Parametric and preliminary design studies of cruise-fan propulsion systems /U/ Final technical report	1965
19660066586	156 inch diameter motor movable nozzle program. Volume III - 156 inch motor design and fabrication /U/ Final technical engineering report, 1 Jul. 1963 - 15 Jan. 1965	1965
19660066587	Energetic oxidizer manufacturing process for advanced solid propellants /U/ Interim engineering progress report, 1 Jul. - 15 Sep. 1965	1965
19660066588	Countermeasures set AN/TLQ-24/ /U/ Quarterly report, 9 Apr. - 9 Jul. 1965	1965
19660066589	The automatic identification of digital ICBM RE-ENTRY vehicle silhouettes /U/	1965
19660066590	Influence of fatigue cracks and fatigue cycles on the brittle fracture behavior of annealed 4140 steel	1965
19660066591	Research and investigations into the growth of crystals suitable for infrared quantum counters First interim technical report, 17 Mar. - 17 Jun. 1965	1965
19660066592	Incremental lift and drag of an external aircraft store, phase I	1965
19660066593	Data display study Final report	1965
19660066594	Investigation of the basic parameters affecting the properties of intermetallic compounds Technical report, 11 Feb. 1964 - 10 Feb. 1965	1965
19660066595	A shock tube study of the oscillator strength of the C2 Swan bands	1965
19660066596	Investigation of solid propellant rocket motor cases Quarterly interim technical report, 22 Mar. - 21 Jun. 1965	1965
19660066597	Development of bar process for TD nickel- molybdenum alloy Interim report, Jul. 1 - Oct. 1, 1965	1965
19660066598	Heat treatment by molten glass Interim engineering progress report, 1 Jul. - 30 Sep. 1965	1965
19660066599	VSTOL control-display system requirements and simulation study Technical report, 1 Jun. - 30 Nov. 1964	1965
19660066600	Investigation of solid propellant rocket motor cases Quarterly interim technical report, 22 Jun. - 21 Sep. 1965	1965
19660066601	High power laser amplifier chain techniques Quarterly report, 14 Oct. 1964 - 14 Jan. 1965	1965
19660066602	Stress fields in mortar baseplates on elastic foundations	1965
19660066603	Allision model T56-A-8 turboprop engine altitude starting evaluation Final report, Jun. 1962 - Jul. 1965	1965
19660066604	Anti-halation 2-inch image intensifier orthicon tubes Interim technical report, 31 Dec. 1964 - 31 Mar. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660066606	Development of a Ku-band crossed-field amplifier /500 watt tube/ Third quarterly progress report, Jan. 1 - Mar. 31, 1965	1965
19660066607	A review of nondestructive testing for plastics- Methods and applications	1965
19660066608	Low-voltage arc studies Eighth quarterly progress report, Mar. 1 - Jun. 1, 1965	1965
19660066609	Minimum weight design for composite tubes Technical report	1965
19660066610	Broadband microwave magnetically tunable filters Final report, 1 Jul. - 31 Dec. 1964	1965
19660066611	Report on initial planning for GENISYS /GENERALIZED Information SYStem/ Technical documentary report, 18 Jan. - 30 Jun. 1965	1965
19660066612	The development of an insulated thermionic converter-heat pipe assembly Quarterly technical report	1965
19660066613	Low-level jet at White Sands Missile Range	1965
19660066614	High rate /5-min/ missile battery program Quarterly report, 15 Jun. - 15 Sep. 1965	1965
19660066615	Investigation of a high speed directly driven engine hydraulic pump Quarterly progress report	1965
19660066616	Ruggedized cable assembly for PCM equipment Quarterly report, 31 Mar. - 30 Jun. 1965	1965
19660066617	Investigation of the transport and reaction process occurring within silver oxide-zinc batteries Quarterly technical progress report, 1 Jul. - 1 Oct. 1965	1965
19660066619	Advanced automatic flight control system study First quarterly progress report, 1 Mar. - 1 Jun. 1965	1965
19660066620	Communications cable for tropical jungle use Quarterly progress report, 30 Mar. - 30 Jun. 1965	1965
19660066621	Development of controllable selective amplification in silicon-based microcircuitry Interim report, 15 May - 15 Aug. 1965	1965
19660066622	Design approaches for miniature SNAP action rotary switch First quarterly progress report, 30 Apr. - 31 Jul. 1965	1965
19660066623	Subminiature audio cords Quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660066624	Noise measurements as a tool in electron device research Tenth quarterly progress report, 11 Apr. - 30 Jun. 1965	1965
19660066625	Extension of a unique technique for obtaining the time derivatives required for vehicle stabilization to an electrostatically centered gyroscope application Final report, Dec. 1963 - Dec. 1964	1965
19660066627	The effect of processing variables on the microstructure of alumina ceramics	1965
19660066628	Determination of responses of protected and unprotected electric initiators to electrical stimuli, the RF desensitized PNP switch	1965
19660066629	Infrared image converter Quarterly report, 1 May - 31 Jul. 1965	1965
19660066630	Minuteman producibility, study no. 1- Beryllium casting - stable platform Final report	1965
19660066631	Minuteman producibility, study no. 6- Electrochemical machining of beryllium Final report	1965
19660066632	The identification of a steroid synthesized by the protozoan, Tetrahymena pyriformis Final report, 1 Sep. 1960 - 30 Apr. 1965	1965
19660066633	General test conditions applicable to materials and electric components used on board aircraft	1965
19660066635	Detection of ground targets under flare illumination	1965
19660066636	List of military and civil defense radiac devices	1965
19660066637	The measurement of camera movements in aircraft	1965
19660066639	Solution and conductivity studies of fluorine- containing oxidizers Quarterly progress report, 15 Jun. - 15 Sep. 1965	1965
19660066646	Sensitivity fundamentals /U/ Final technical progress report no. 65-2, Mar. 15, 1964 - Mar. 14, 1965	1965
19660066647	Radar attenuation in rocket motor exhausts /U/ Final report, 18 Mar. 1964 - 17 Mar. 1965	1965
19660066648	Research and development programs /U/ Quarterly report, Apr. - Jun. 1965	1965
19660066649	VA-855 Klystron evaluation program /U/ Quarterly report no. 3, 1 Aug. - 31 Oct. 1964	1965
19660066650	Utility/tactical transport requirements study /U/	1965
19660066652	Synthesis of LMH-2 /U/ Quarterly progress report, 15 Apr. - 14 Jul. 1965	1965
19660066653	ASSET ASV-4 Flight test report /U/	1965
19660066656	Countermeasures set AN/TLQ-24 /U/ First quarterly report, 9 Jan. - 9 Apr. 1965	1965
19660066657	Seasaw A ground target destruction concept /U/	1965
19660066658	Feasibility investigation of a hybrid rocket for crew escape capsule applications /U/	1965
19660066659	Storable toroidal combustor demonstration program /U/ Quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660066660	Missile guidance array antenna /U/ Third quarterly report	1965
19660066661	A study of the explosion limits of simple difluoramino compounds /U/ Quarterly technical summary report no. 9, 1 Apr. - 30 Jun. 1965	1965
19660066662	Ignition studies /U/ Final report	1965
19660066663	High power duplexor study /U/ Quarterly progress report, 1 Apr. - 31 Jul. 1965	1965
19660066666	Advanced research engine /U/ Second quarterly report, 25 Apr. - 24 Jul. 1965	1965
19660066667	Study and improvement of the S-1 photoemissive surface /U/ Sixth quarterly progress report no. 18, 17 Aug. - 31 Oct. 1964	1965
19660066668	Development of an 80mm image intensifier tube with motion compensation /U/ Quarterly report, 9 Jan. - 9 Jul. 1965	1965
19660066669	Study, design, analysis, fabrication, and test of a solid propellant pulse rocket motor, Volume II /U/ Final report	1965
19660066670	Exploratory propellant research /U/ Semiannual report no. 5, Oct. 1964 - Apr. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660066672	Study, design, analysis, fabrication, and test of a solid propellant pulse rocket motor, Volume I /U/ Final report	1965
19660066673	Fundamental research on the direct fluorination of organic compounds /U/ Quarterly progress report, Jun. - Aug. 1965	1965
19660066674	Advanced packaged liquid propellants research /U/ First quarterly report, 12 May - 12 Aug. 1965	1965
19660066675	Evaluation of high energy fuels and oxidizers in solid propellants /U/ Quarterly progress report no. 2, Jul. 1 - Sep. 30, 1965	1965
19660066676	Positive expulsion of a metal-loaded gelled fuel at -65, plus 72, and plus 165 deg F /U/	1965
19660066677	Characterization and evaluation of light metal hydrides /U/ Quarterly progress report no. 8, 1 May - 31 Jul. 1965	1965
19660066678	Development of high-energy metallized propellants /U/ First quarterly progress report, 1 May - 30 Jul. 1965	1965
19660066680	Foliage penetration measurements /U/ Interim engineering report	1965
19660066681	Effect of oxidizer particle size on smokeless plastisol rocket propellants /U/	1965
19660066682	Aerodynamic characteristics of two configurations of the XASM-N-11 condor missile /U/	1965
19660066683	Reliable automatic television system /U/ Interim report, Nov. 1964 - Mar. 1965	1965
19660066684	Research in fluoro-nitro compounds /U/ Quarterly report, 1 Apr. - 30 Jun. 1965	1965
19660066688	SNAP systems improvement program, Mercury Rankine Program, Volume II /U/ Progress report, Apr. - Jun. 1965	1965
19660066689	Feasibility demonstration of a single chamber controllable solid rocket motor /U/ First quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660066690	Low input voltage conversion Quarterly progress report, 1 Dec. 1964 - 15 Apr. 1965	1965
19660066691	Modification of aerosol size distribution in the atmosphere and development of an ion counter of high sensitivity Final technical report, 1 Aug. 1964 - 31 Jul. 1965	1965
19660066692	Molecular electronics for radar applications Interim engineering report no. 2, 1 Jan. - 31 Mar. 1965	1965
19660066693	Spectrum signature of radar set AN/MPN-13 FINAL report	1965
19660066694	Development of improved electrodes for fuel cells Quarterly report no. 3, 17 Nov. 1964- 17 Feb. 1965	1965
19660066696	Solitary waves in compressible, stratified fluids	1965
19660066697	Some inequalities for reliability functions	1965
19660066698	Research and development of a ruggedized planar ceramic triode Second quarterly progress report, 15 Feb. - 14 May 1965	1965
19660066699	A rapid semi-empirical method for describing flow fields of high altitude rocket exhausts	1965
19660066700	The resistance to sulphuric acid and boiling water of Friedel Craft resin bonded reinforcements	1965
19660066701	A review of fluid mechanical problems in MHD GENERATORS	1965
19660066702	Microwave absorption in normal conducting films on superconducting substrates	1965
19660066703	Infection of control monkeys with Coccidioides immitis by caging with inoculated monkeys Technical manuscript no. 239	1965
19660066704	Fiber-reinforced metals and alloys Final report, 8 Nov. 1963 - 8 Nov. 1964	1965
19660066706	Motion of a solid with a cavity containing an ideal liquid and an air bubble	1965
19660066707	Methods of laboratory testing of termite- resistant materials	1965
19660066708	Machines for the manufacture of bags from thermoplastic materials. Types of seal and sealing machines	1965
19660066709	SSB and VHF crystal filters Quarterly report, 15 Mar. - 15 Jun. 1965	1965
19660066710	Design and development of an EM window for air lift reentry vehicles Interim engineering report, 1 Jun. - 31 Aug. 1965	1965
19660066711	Near-wake ionization behind a sphere in hypersonic flight. 1. Reaction kinetics	1965
19660066712	Stable ferrites for R.F. applications Quarterly report, 1 Apr. - 30 Jun. 1965	1965
19660066713	Study and investigation of a UHF-VHF antenna Interim engineering report, Feb. - Jun. 1965	1965
19660066714	Low-altitude navigation and display techniques Second quarterly progress report, 1 Feb. - 30 Apr. 1965	1965
19660066715	NOL ballistics range program on ABRES RESEARCH Quarterly technical report, 20 Apr. - 20 Jul. 1965	1965
19660066716	Development of rigid tube connectors for hydraulic system applications Final report	1965
19660066718	Analysis of optical wavefront distortions caused by the atmosphere Interim technical report, 21 Apr. - 20 Jul. 1965	1965
19660066719	Experimental strain analysis of combination adhesives/bolt lap joints between glass- reinforced plastic laminates	1965
19660066720	Supersonic wind tunnel tests of several pitot- static probes	1965
19660066721	Destructive RF power test, RIG and LBT SPECIAL technical report	1965
19660066722	Measurements of the conductivity and photo- sensitivity of the K-Sb and Cs-Sb systems in thin layers	1965
19660066724	A device for measuring the vertical speed of aircraft	1965
19660066725	Development of a high voltage thermal battery Final report, 1 Mar. - 1 Aug., 1965	1965
19660066726	Velocity field in a potential flow through an axial stage of a turbine or compressor	1965
19660066727	Vinyl-resin paper and board	1965
19660066729	CBE factors- Annotated bibliography Surveys of Soviet-bloc scientific and technical literature	1965
19660066730	Anti-radiation exercises in civil defense	1965
19660066731	Combustion of ammonium perchlorate at atmospheric pressure	1965
19660066732	Activation energy of niobium diffusion in its oxides	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660066733	An altitude performance investigation of a turboalternator supplementary electric power pod for the C135B-1 aircraft	1965
19660066734	The effects of shear on stress wave propagation	1965
19660066735	The detectability of fine cracks by radiography	1965
19660066736	A method of loop gain compensation in voltage regulating systems used with wide speed range multistage generators	1965
19660066737	Synthesis of three-level logic circuits with application to a radix three computer arithmetic unit	1965
19660066738	Digital simulation of submarine crew performance. II-Computer implementation and initial results of the application of a psychosocial "model" for digitally simulating crew performance	1965
19660066739	Variable point guidance study	1965
19660066740	Aerochemical forest protection	1965
19660066741	Mechanisms of laser-surface interactions Final report	1965
19660066742	Biomedical aspects of the X-15 program, 1959 - 1964	1965
19660066743	Study of monkey, ape, and human morphology and physiology relating to strength and endurance. Phase IX- The strength testing of five chimpanzee and seven human subjects Final report	1965
19660066744	Non-vacuum deposition techniques for use in fabricating thin film circuits Interim engineering report, 1 Apr. - 30 Jun. 1965	1965
19660066745	Production of nuclear isomers by the photoactivation method using CO60 source	1965
19660066746	Accelerated ageing of plastics- Part 2- Degradation of thermoplastic materials in contact with explosives	1965
19660066750	Optical radar techniques Interim engineering report, 1 Nov. 1964 - 31 Jan. 1965	1965
19660066751	Frequency limitations in the multichannel LF BROADCAST Research and development report, Jul. 1964 - May 1965	1965
19660066752	Basic study of hollow fibers Final report, 1 Feb. 1964 - 31 Mar. 1965	1965
19660066753	Nondestructive methods for the evaluation of ceramic coatings Final report, 1 Apr. 1964 - 31 Mar. 1965	1965
19660066754	San Clemente Island ranges and facilities	1965
19660066755	Production engineering measure on 2N3375 silicon overlay transistor Second quarterly progress report, Apr. 1 - Jun. 30, 1965	1965
19660066756	Determination of mechanical and thermophysical properties of refractory metals Final report, Jul. 1, 1963 - May 31, 1965	1965
19660066757	Techniques for shaping and polishing a number of compound semiconductors	1965
19660066759	Fabrication and testing of the Rate Module, Mod. 3 Final summary report, 5 Feb. 1964 - 31 Jan. 1965	1965
19660066760	Computer program for evaluation of data from military nuclear power plants Final report, Aug. 1964 - May 1965	1965
19660066761	Perturbations of satellite orbits by the gravitational attraction of a third body	1965
19660066762	A comparison of observed and calculated radar refraction errors Interim report	1965
19660066763	Cesium 131 tracer for yield determination in cesium radiochemistry	1965
19660066764	Approximate formulas for the aerodynamic derivatives of wedge aerofoil sections at high supersonic speeds	1965
19660066765	Evaluation tests of electronic parts in encapsulated modules	1965
19660066767	The use of smoke agents	1965
19660066768	Transmission testing and evaluation of CV-1546/ /TSC-29 channel vocoder First quarterly progress report, 30 Jun. 1964 - 31 Jul. 1965	1965
19660066769	The effect of environment on fatigue crack propagation. 1- Measurements on Al alloy DTD 5070A, S.A.P., pure aluminum and a pure Al-Cu-Mg alloy	1965
19660066771	Noise bibliography, volume 4	1965
19660066772	Electrical current in the boundary layer at the throat of the LEM descent engine caused by motion of the plasma sheath	1965
19660066774	Novelties in French food packaging	1965
19660066775	Comparison of the ultrasonic effects in piezoelectric and simple deformation potential semiconductors	1965
19660066777	Passive microwave fuel radiation measurements. Volume I- Experimental results	1965
19660066780	A solution for the problems of the no-gimbal inertial navigator concept	1965
19660066782	Spurious response rejection techniques Interim engineering report, 15 Mar. - 1 Aug. 1965	1965
19660066783	Unites States supersonic transport program Chronology, brief history and research contract summary	1965
19660066784	Advanced celestial tracker techniques, gimbal position readout Technical report, Apr. 1963 - Oct. 1964	1965
19660066785	An atlas of cross-sectional anatomy of the Macaca Mulatta for use in radiobiologic experiments	1965
19660066787	Sleigh Ride/Mark 11A Readiness Program- Theoretical-experimental comparison of the dynamic response of a circular cylinder subjected to lateral loading	1965
19660066788	Spectral analysis of weak transient radiation by interferometric spectroscopy	1965
19660066789	Review of low-temperature work at Dresden	1965
19660066790	Smoothing of experimental data by means of orthogonal sets of functions using statistical tests of significance	1965
19660066791	Clinical value of the measurement of the phase of the cardiac revolution according to the polygraphic method	1965
19660066792	Effect of accelerations on the circulatory system	1965
19660066793	Program of climato-physiological investigations in Switzerland, and work performed in 1943	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660066794	Vapor pressure measurements of alkali metals	1965
19660066795	Experimental investigations of the boundary between flowing plasmas and cooled metal electrodes	1965
19660066796	Arc discharge in He and H2 under high pressure	1965
19660066797	Aerodynamic properties of sweptback and delta wings near the ground	1965
19660066798	Investigations on the light effect of certain spectrum regions and known radiation intensities on the germination and growth of several ferns and mosses	1965
19660066799	Influence on the germination of fern spores by light and other factors	1965
19660066800	Photosynthesis and photomorphogenesis in fern protonemata of <i>Dryopteris filix-mas</i>	1965
19660066801	Comparison of the photomorphogenesis of gametophytes of <i>Alsophila australis</i> /BR./ AND <i>Dryopteris filix-mas</i> /L./ Schott	1965
19660066802	The use of specimen current in electron-probe microanalysis	1965
19660066803	Theoretical study of optimal trajectories in a gravitational field. Application to the case of a single center of attraction	1965
19660066804	Semiconductor block method, one way to realize electronic microsystems	1965
19660066805	New trends in welding aluminum in Czechoslovakia	1965
19660066806	Measurements of the molecular absorption cross section and photoionization of sodium vapor between 1600 and 3700 angstrom	1965
19660066807	Nanosecond pulse microwave breakdown in the atmosphere	1965
19660066808	Reactor development, physical research, biology and medicine research Status and progress report, Sep. 1965	1965
19660066810	Automatic intercept of the I.L.S. localizer	1965
19660066811	Diagnosis of performance of electric propulsion engines Technical report, Jun. 1964 - Jun. 1965	1965
19660066812	Research and development of cathodoluminescent phosphor with high-intensity ultraviolet emission Third quarterly progress report, 1 Feb. - 30 Apr. 1965	1965
19660066813	Error prevention and reduction in a digital magnetic tape system	1965
19660066814	Research on electromagnetic compatibility techniques Technical report, Jul. 1964 - Jul. 1965	1965
19660066829	Reed switching devices Fifth quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660066830	Aviation and cosmonautics, number 2, 1965	1965
19660066831	Piloting an aircraft with a constant pitch angle	1965
19660066832	Automating processes of controlling aviation	1965
19660066833	Methods of instrument testing 5 - The optical method	1965
19660066834	When the sun is quiet	1965
19660066835	Rescue facilities for cosmonauts	1965
19660066836	The cosmonaut looks at the earth	1965
19660066837	Aerospace photographic and television reconnaissance facilities	1965
19660066838	Research on jet noise suppressor designs Final report	1965
19660066839	Requirement for food packing - physiologically unobjectionable	1965
19660066859	Radar signal detection by statistical successive analysis using a memory computer	1965
19660066860	Fluorescent ion interaction Semiannual technical summary report, period ending 31 May 1965	1965
19660066862	Magnetic ordering and the fluorescence of concentrated manganese systems	1965
19660066863	Temperature dependence of the 3 over A over 2 yield 3 over T over 1 absorption band peak of the Ni2 plus ion in nickel and manganese salts	1965
19660066864	Fiber-reinforced metals Review of recent developments	1965
19660066865	Proceedings of the 19th Annual Symposium on Frequency Control	1965
19660066866	New piezoelectric materials	1965
19660066867	Special X-ray studies of quartz frequency control units	1965
19660066868	Progress and problems in short term stability	1965
19660066869	Aerospace crystal environmental requirements	1965
19660066870	The increasing applications of tuning forks and other vibrating metal resonators in frequency control systems	1965
19660066871	Miniature single sideband crystal units Interim report	1965
19660066872	Passive temperature compensation of quartz crystals for oscillator applications	1965
19660066873	Seal test methods and evaluation of enclosures for crystal units	1965
19660066874	Application of leak theory to crystal testing	1965
19660066875	A report on the Hewlett-Packard flying clock, experiment no. 2	1965
19660066876	Factors in the design of VHF filter crystals	1965
19660066877	Improvements of quartz filter crystals	1965
19660066878	A militarized solid state cesium beam frequency standard	1965
19660066879	Long time constant servo system for cesium beam frequency standard	1965
19660066880	Characteristics of a high performance cesium beam frequency standard	1965
19660066881	Line width investigation of millimeter electric resonance molecular beam transitions	1965
19660066882	Methods and results for reducing cavity pulling effects of the hydrogen maser frequency	1965
19660066883	A comparison of performance characteristics of hydrogen, rubidium, and ammonia masers	1965
19660066884	The effects of optical pumping on the Rb87 maser oscillator	1965
19660066885	Comparison of crystal measurement equipment	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660066886	Automatic crystal aging assembly	1965
19660066887	Attenuation and resistance measurements of unwanted modes of quartz crystals	1965
19660066888	Design of SSB and VHF crystal filters	1965
19660066889	Trapped energy modes, network synthesis, and the design of quartz filters	1965
19660066890	A high frequency synthesizer using digital techniques for economy of power and space	1965
19660066891	Cubic inch frequency synthesizers	1965
19660066892	Recent developments in crystal oscillator temperature compensation, parts I and II	1965
19660066893	The voltage-controlled crystal oscillator /VCXO/, its capabilities and limitations	1965
19660066894	Modification of crystal impedance meter TS- 710/TSM	1965
19660066895	Warm-up characteristics of oscillators employing 3 M.C. fundamental crystals in HC-27/U enclosures	1965
19660066896	Quality in cultured quartz	1965
19660066898	Measurement of the surface temperature of Durestos heated by radiation	1965
19660066900	The effects of base bleed on plug nozzles	1965
19660066902	The effect of temperature on the yield properties of an internally oxidized copper- aluminium alloy	1965
19660066903	The development of a wave height measurement system to provide automatic recording of sea-state off-shore at the Cardigan Bay range	1965
19660066904	GRAMPA - An automatic technique for exciting the principal modes of vibration of complex structures	1965
19660066906	Some calculations of the take-off behaviour of a slender-wing supersonic transport design constrained to follow a specified pitch- attitude time history	1965
19660066907	Bioastronautics laboratory research tool study	1965
19660066908	Altitude performance evaluation of oxygen difluoride-diborane propellant combination	1965
19660066909	Bioastronautics laboratory research tool study	1965
19660066910	Heat transfer instrumentation for the Grumman hypersonic shock tunnel	1965
19660066911	Investigation of long range intercept and analysis techniques Third quarterly progress report, 1 Jan. - 31 Mar. 1965	1965
19660066912	Amino acid composition of crystalline botulinum toxin, type A	1965
19660066913	Additive inhibitory effect of sublethal X radiation plus allogeneic lymphoid cells on transplanted mouse leukemia	1965
19660066914	Chemical structure and skin-penetrating capacity of a short series of organic phosphates and phosphoric acid Technical report, Apr. 1962 - May 1963	1965
19660066936	Microwave solid state delay line development /U/ Interim development report no. 3, 31 Mar. - 30 Jun. 1965	1965
19660066938	A simulator for radars with time-varying parameters /U/ Technical report no. 1826-1	1965
19660066939	Wind tunnel tests of hypersonic air-breathing aircraft configurations /U/	1965
19660066940	Bulletin of the 4th meeting, Interagency Chemical Rocket Propulsion Group, Working Group on Mechanical Behavior, Volume I	1965
19660066941	The mechanics of highly-filled propellants	1965
19660066943	Fracture modes of cast double-base propellants	1965
19660066945	Measurement of equilibrium mechanical properties using ultra low-rate tests	1965
19660066946	The effect of microvoids on the low frequency ultrasonic wave propagation through composite solid propellants	1965
19660066948	Mechanical and failure properties of propellant in a multiaxial stress field	1965
19660066951	Dynamic compressibility measurements of an inert composite propellant at low frequencies	1965
19660066952	On the characterization of multiaxial data in terms of the strain energy concept	1965
19660066953	Dynamic mechanical properties of solid propellant and propellant binders	1965
19660066954	Triaxial testing of solid propellants	1965
19660066955	The interrelation of modulus and nominal maximum stress	1965
19660066956	Application of finite viscoelastic theory to solid propellants	1965
19660066957	An apparatus for measurement of dynamic effects in rheological materials	1965
19660066958	Establishing mechanical properties criteria	1965
19660066959	Propellant characterization for firing and flight	1965
19660066960	Experimental investigations on fracture of a filled rubber under biaxial stress fields	1965
19660066961	A statistical model for constant strain failures in solid rocket propellants	1965
19660066962	A progress report on the suitability of several time-dependent failure criteria for double-base solid propellants	1965
19660066963	Some characteristic functions pertinent to failure of viscoelastic materials	1965
19660066964	Thermomechanical response of a viscoelastic cantilever plate	1965
19660066965	An engineering theory of nonlinear viscoelasticity with applications	1965
19660066966	A nonlinear two-dimensional stress analysis applicable to solid propellant rocket grains	1965
19660066967	A comparison of finite difference and finite element methods for grain structural analysis	1965
19660066968	Stress analysis for non-linear viscoelastic bodies	1965
19660066969	On the practical application of a miniature stress rosette to solid propellant grain design	1965
19660066970	Techniques for acquiring subsurface displacements in viscoelastic materials	1965
19660066971	The effect of propellant-case interaction on stress/strain concentration factors in solid propellant rocket grains	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660066972	Forced vibrations of an encased cylinder with eroding inner surface	1965
19660066973	Some results of the environmental qualification tests on the Alouette 'B' prototype spacecraft	1965
19660066974	Coherence effects in multiphoton absorption processes	1965
19660066975	Research in conventional and unconventional fuels Eighth quarterly report	1965
19660066976	Investigation of electronic interaction with optical resonators for microwave generation and amplification Quarterly report no. 2, 16 Apr. - 15 Jul. 1965	1965
19660066977	Severity of natural flaws as fracture origins Second quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660066978	Refractory materials suitable for use in guided missile propulsion systems Quarterly progress report	1965
19660066979	High-power microwave tube window investigations Third quarterly report, 15 Mar. - 15 Jun. 1965	1965
19660066980	Written progress report, multistaged radial impeller pump	1965
19660066981	Research on thin film tunnel cathodes, recombination cathodes, and similar cold cathodes Fifth quarterly progress report, 15 Mar. - 14 Jun. 1965	1965
19660066982	Investigation of a 30,000 rpm turbine-driven hydraulic pump Quarterly progress report no. 1, 20 May - 30 Sep. 1965	1965
19660066984	Low-temperature refractory metal-to-ceramic seals Sixth quarterly progress report, 15 Apr. - 14 Jul. 1965	1965
19660066985	Development of the supersonic compressor test facilities at the Arnold Engineering Development Center Technical report, 11 Jan. 1963 - 1 Sep. 1965	1965
19660066986	Infrared optical techniques and systems Semifinal report, 30 Apr. 1964 - 28 Feb. 1965	1965
19660066987	Research and development of titanium rocket motor case Seventeenth quarterly report, 1 Jan. - 31 Mar. 1965	1965
19660066988	Novel image-dissector camera tube for surveillance application investigation Fourth quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660066989	Behavior of nozzle materials under extreme rocket motor environments Quarterly progress report, Jun.-Aug. 1965	1965
19660067010	Development of manufacturing processes and techniques for mass memory Interim engineering progress report, 1 May - 31 Jul. 1965	1965
19660067013	Mission Control Operations and Support Study Condensed Summary Report	1965
19660067014	Data link input - output data channel for RCA 110 computer	1965
19660067015	The development of inorganic foams	1965
19660067016	Certain aspects of the static mechanical and fatigue properties of 5 percent chromium-molybdenum-vanadium 120 ton steels	1965
19660067017	A survey of literature on high temperature metal to metal organic adhesives, February 1964 - January 1965	1965
19660067018	The odd zonal harmonics in the earth's gravitational potential	1965
19660067019	Performance evaluation of a cluster of two 28-foot D0 ringslot extraction parachutes towed from a C-130 aircraft	1965
19660067021	Report of a supersonic ejection	1965
19660067022	Adaptation of man to cold environments Annual progress report, Sep. 1964 - Sep. 1965	1965
19660067023	Regarding the accuracy of differential rectification in instruments of transformed sheafs	1965
19660067024	Some measurements at X-band of the attenuation constants of cylindrical wire surface-waveguides	1965
19660067025	Observations of artificial satellites - a new field of geodetic survey	1965
19660067026	Outlook for the development of the machine manufacture of lifting-transporting machinery from 1959-1965	1965
19660067027	Aerospace nuclear safety Quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660067028	Miniature Stirling cycle cooler Technical report, Dec. 1961 - Jan. 1963	1965
19660067029	Meteorological Data Report, Aerobee AE 3.519 /AF 125-3/ /12 August 1965/	1965
19660067030	Meteorological data report, Athena Flight Number 021 /6 August 1965/ and Athena Flight Number 022 /7 August 1965/	1965
19660067033	Meteorological Data Report, Aerobee AF 3.375 /21 July 1965/	1965
19660067035	High temperature oxidation resistant hafnium- tantalum systems Technical report, 1 May 1964 - 31 May 1965	1965
19660067036	Mathematical analysis of temperature rise in the heat conduction region of an underground shelter	1965
19660067037	The production of intense shear layers by vortex stretching and convection	1965
19660067038	Solid propellant combustion mechanism studies Seventeenth progress report, 1 Apr. - 31 Sep. 1964	1965
19660067039	The pressure drag due to blunt leading edges on two-dimensional aerofoils, at transonic and low-supersonic speeds	1965
19660067040	Surveys of structural research facilities and activities at universities and research organizations in Canada. Part I - Structural research facilities. Part II - Structural research activities	1965
19660067041	Status report on an experimental fixed-array radar	1965
19660067042	Performance of simplified space vehicle thermal control system with a variable effectiveness radiator	1965
19660067043	A qualitative estimate of the effects of receiver optics in viewing atmospheric turbulence	1965
19660067045	Mass spectrometric studies of reactions in flames - Quantitative sampling of free radicals from one-atmosphere flames	1965
19660067046	APCS type IV camera pod test Final report, 8 Jan. - 5 Feb. 1965	1965
19660067047	Modifications, additions, and tests of AN/APS-95 system /for USAF EC-121D/	1965
19660067048	High temperature, high emittance intermetallic coatings. Part III - Preparation and thermal radiation properties of intermetallic compounds and coatings Technical report, Jun. 1964 - May 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067049	Constant-potential and constant-current charging of silver-cadmium cells	1965
19660067050	Analysis of folic acid factors in American diets Annual progress report, 1 Oct. 1964 - 15 Sep. 1965	1965
19660067051	Ultrasonics in geology	1965
19660067052	A survey of the possibilities of using electron beams for ionized wake measurements	1965
19660067053	Corrosion protection of magnesium and magnesium alloys	1965
19660067054	Comparison of the degree of polarization with other radio source parameters	1965
19660067055	Spectral analysis of structures standing in the plasma of a positive column low-pressure discharge in hydrogen	1965
19660067056	Thermal and sound velocity microstructure data taken with an unmanned research vehicle	1965
19660067057	Immunochemical and clinical studies of mammalian homotransplants in the treatment of thermal and irradiation burns Final report, 11 Nov. 1955 - 30 Apr. 1965	1965
19660067058	Distribution and mechanism of energy exchange between the tropical oceans and atmosphere	1965
19660067060	Explicit formulas for minimax admissible estimators in some cases of restrictions imposed on the parameter	1965
19660067061	Elastic electron deuteron scattering and possible meson-exchange effects	1965
19660067062	The development and use of a Langmuir probe	1965
19660067063	The experiment of burning gas turbine fuel in an experimental GT-700 unit	1965
19660067064	The National Center for Space Research	1965
19660067066	High power dummy load Final quarterly report, 31 Mar. - 30 Jun. 1965	1965
19660067067	Theoretical and experimental studies of radiation absorptance and emittance characteristics and their control for potential space vehicle surface materials Monthly progress report, Jul. - Sep. 1965	1965
19660067068	Monopropellant hydrazine thruster system Progress report no. 4, Jul. 1-31, 1965	1965
19660067069	Study of optical and transport properties of metals and of the superconductivity theory Semiannual status report, Feb. 1 - Oct. 1, 1965	1965
19660067070	A study of phycophysiology in controlled environments Eleventh semiannual status report, 1 Apr. - 30 Sep. 1965	1965
19660067071	On the Saturn IB improvement study P-114B /LIQUID first stage and boost assist/. Volume II - Detail technical report Final report	1965
19660067072	Titan/Gemini - Atlas/Agenda rendezvous mission recycle plan	1965
19660067073	Results of sound pressure level measurements during SA-10 launch. Part 1 - Overall time histories	1965
19660067074	Anaconda Metal Hose Division 1/2 inch flexible metal hose P/N 82605 10,000 PSIG SERVICE	1965
19660067075	Radiation damping of panels mounted in ducts	1965
19660067076	Umbilical swing arms complex 34 - Saturn IB VEHICLES installation, operation, and maintenance	1965
19660067077	Instrument unit general test plan /preliminary/	1965
19660067078	Aeroquip coupling, assembly number 340064-16, part numbers- AE90801M /male half/ and AE90803M /female half/	1965
19660067079	Measurement program on electromagnetic compatibility at Launch Complex 37	1965
19660067080	Instrumentation operations analysis for Saturn/Apollo vehicle SA-10	1965
19660067082	Launching of fluorine/FLOX uprated Saturn IB vehicles from Complex 37	1965
19660067084	Launch vehicle astronics components cost study Final report, 12 Aug. - 11 Nov. 1964	1965
19660067085	Saturn ST-124M stabilized platform system Monthly progress report, May 1965	1965
19660067090	Dilute solution properties of high-molecular- weight poly(isobutyl methacrylate/. VI - effective method for finding molecular parameters from light scattering data	1965
19660067091	Research on experimental heat of vaporization and enthalpy measurements of oxygen-nitrogen- argon mixtures Quarterly progress report, Apr. 1 - Jun. 30, 1965	1965
19660067092	Some experiments with an algorithmic graphical language	1965
19660067095	M-1 fuel turbopump modification program. Phase I - M-1 fuel turbopump modification study Final report	1965
19660067098	EBW Firing Unit Development First Quarterly Report, May 21 - Aug. 31, 1965	1965
19660067100	Investigation of metabolic agent in African lung fish Sixth quarter report, Jul. 1 - Sep. 30, 1965	1965
19660067101	Design study for development of a white- light coronagraph suitable for operation in the Advanced Orbiting Solar Observatory /AOSO/ satellite series Status report no. 5, 1 Mar. - 31 Aug. 1965	1965
19660067102	Spectral studies of the solar chromosphere at the May, 1965 total solar eclipse Semiannual report	1965
19660067103	Analytical Studies of the Generation Mechanism, Propagation and Measurement of Rocket Noise Final Report	1965
19660067104	Low temperature magnetic susceptibility of ferrous oxalate dihydrate	1965
19660067105	Measuring internal friction of fiber /whisker/	1965
19660067106	From the Nord 2501 to the Transall C-160	1965
19660067107	Performance of a variable Mach number supersonic nozzle with a central sting	1965
19660067109	Thermal decomposition of C2F4 behind shock waves. II - Kinetics and equilibria of the CF2 equals CF plus F reaction /Task 3.5 - experimental gasdynamics - REST PROGRAM/	1965
19660067112	Thermoemissive properties of some refractory compounds	1965
19660067113	Heat transfer between solids	1965
19660067114	Transducer and interphone system for operation in high-ambient noise Third quarterly progress report, 1 Jan. - 31 Mar. 1965	1965
19660067117	Changes in thermodynamic parameters during the starting of a liquid fuel rocket engine	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067118	Coherent infrared laser Final report	1965
19660067119	Computer subroutine 14-65S, Event /7090 FORTRAN II data storage and retrieval routine/	1965
19660067120	Proposed method for surface roughness determination by the application of radioactive isotopes	1965
19660067121	Meteorological data report, Athena flight number 015 /16 July 1965/	1965
19660067122	Calculation of back-scattering from test vehicle Final report, Apr. 28 - Jun. 28, 1965	1965
19660067123	Zinc electrode investigation Fifth quarterly technical progress report, 1 Jul. - 1 Oct. 1965	1965
19660067124	Compatible active thin-film integrated structures, phase II Final report, 15 Aug. 1964 - 14 Jul. 1965	1965
19660067128	A radix four square-rooting method	1965
19660067129	Air-operated logical elements and relay systems	1965
19660067130	A bibliography of seismology for the VELA UNIFORM Program	1965
19660067132	A study and compilation of the engineering foundations for fluid amplification	1965
19660067133	Mobile Drydock Launch Facilities study. Volume IV - Drydock modifications for space mission support, including model studies Final report	1965
19660067134	Intrinsic infrared detector development Quarterly technical progress report, 1 Apr. - 30 Jun. 1965	1965
19660067135	Riometer records of 18- and 30-Mc cosmic noise Semiannual technical report 1, appendix I, 30 Dec. 1963 - 28 Jun. 1964	1965
19660067136	Thermopiles, thermistor bolometers, and silicon p-n junction photodiodes as vacuum ultraviolet detectors Final report, 1961 - 1964	1965
19660067138	Measured atmospheric absorption at ruby optical maser wavelengths	1965
19660067140	Machining at very high cutting rates	1965
19660067141	Minuteman producibility no. 7, brazing of beryllium Final report	1965
19660067142	A digital procedure for use of the method of extensions and restrictions of quadratic forms	1965
19660067143	Solar dynamic space power system Final report	1965
19660067144	Resistance-heated thruster research Final report, 15 Jan. 1964 - 14 Apr. 1965	1965
19660067145	Revision of gravity survey data of the Holloman Track with additional stations	1965
19660067148	Image Dissector Camera System for Nimbus Satellites Progress Report, Aug. 1 - Sep. 1, 1965	1965
19660067151	Operation and Maintenance of Nimbus Ground Station Second Quarterly Progress Report, 1 Jul. - 1 Oct. 1965	1965
19660067152	Momentum transfer approximation for the calculation of molecular transition probabilities in high temperature gas kinetic collisions	1965
19660067153	Research and development of thermocouple seals Final report	1965
19660067156	Radiation Effects on Glass - an Annotated Bibliography	1965
19660067157	Optimum Attitude Control System for Nimbus Meteorological Satellites Monthly Report No. 16	1965
19660067158	Optimum Attitude Control System for Nimbus Meteorological Satellites Monthly Report No. 17	1965
19660067159	Development and evaluation of bonded joint configuration for sealing riveted joints of aluminum face sheets of honeycomb bulkheads for liquid hydrogen tanks Final summary report, 1 Jul. - 31 Dec. 1964	1965
19660067160	Gemini Command System Study	1965
19660067162	Investigation of Solid State Traveling-wave Amplifier Techniques for Future Satellite Applications Monthly Progress Report 9, 1-31 Jul. 1965	1965
19660067163	Study of Horizon Sensor Signal Processing Techniques Monthly Report No. 18	1965
19660067164	Prelaunch checkout computers as decision aids - II - Data conditioning and display for test monitoring	1965
19660067165	Dependence of protonema growth and protonema polarity of ferns on light	1965
19660067166	Regulation of body temperature during muscular work	1965
19660067169	Study of Hovair Application for Saturn	1965
19660067171	Experimental Determination of Transport Properties of High Temperature Gases Quarterly Progress Report, 26 May - 26 Aug. 1965	1965
19660067172	Development of Nimbus C Data System /computer Programs/ Third Quarterly Progress Report, 1 Jul. - 1 Oct. 1965	1965
19660067173	Design Criteria for Remote Data Acquisition. Phase II Equipment Definition	1965
19660067174	Nimbus unique CDA equipment field engineering support contract Monthly progress report no 25, 2 Aug. - 29 Aug. 1965	1965
19660067178	On the plenum chamber combustion program for V/STOL applications Quarterly status report, 15 May - 14 Aug. 1965	1965
19660067181	Project Gemini - Instrumentation signal conditioning system pulse expander 52-88226-3	1965
19660067183	Study of vibrations induced in thin-walled pipes by fluid flow Final report, Jun. 26, 1964 - Sep. 26, 1965	1965
19660067184	Apollo Mission Reliability Assessment Study Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660067185	Photometric studies of diffusely reflecting surfaces with applications to the brightness of the moon	1965
19660067186	Studies of the effects of acceleration on cardiovascular and respiratory dynamics Semiannual status report, Apr. 1 - Oct. 1, 1965	1965
19660067188	Modification and recovery of a boosted Aerobee 350 Dummy Sustainer	1965
19660067189	The absolute standardisation of cobalt-57	1965
19660067190	Study of multipurpose mission module - summary /lunar orbit/	1965
19660067191	Study of multipurpose mission module - mockup	1965
19660067192	Study of multipurpose mission module - electrical power and environmental control subsystems study	1965
19660067193	Study of multipurpose mission module - Phase C work statement	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067194	Study of multipurpose mission module - design data book Final report	1965
19660067195	Satellites and probes program progress report, September 1965	1965
19660067196	The monitoring task in automated checkout of space vehicles	1965
19660067197	Determination of minimum concentrations of environmental water capable of supporting life Semiannual report, 1 May - 31 Oct. 1965	1965
19660067198	Investigation of meteoric damage to AOSO CORONAGRAPH objective lens	1965
19660067199	READI program Final report, 4 Jun. - 20 Jul. 1965	1965
19660067206	Parametric Study of Logistics-type Entry Vehicles. Volume I - Summary Final Report	1965
19660067207	Radiation Exposure Criteria and Radiation Effects of Importance to Analysis of Nuclear Rocket Flight Safety	1965
19660067211	Communication and navigation traffic/control experiments candidates for manned earth orbital experiment program task force	1965
19660067212	Preliminary Design of a Pu-238 Isotope Brayton Cycle Power System for MORL. VOLUME IV - Technical Appendix-book, 3, Vehicle Integration Final Report	1965
19660067214	NIMBUS Meteorological Satellite integration and testing Third quarterly progress report, 16 Feb. - 15 May 1965	1965
19660067215	Failure criteria for viscoelastic materials Interim status report, 1 Jan. - 28 Feb. 1965	1965
19660067217	Structure of atomically clean surfaces of refractory metals Semiannual status report no. 6, 1 Apr. - 30 Sep. 1965	1965
19660067218	The bathymetric navigation equipment	1965
19660067219	Scanning Celestial Attitude Determination System /SCADS/ Monthly Progress Report, 1 - 30 Sep. 1965	1965
19660067220	Investigations of properties, flux, and trajectories of meteors Quarterly status report no. 11, 1 Aug. - 31 Oct. 1965	1965
19660067221	Research in coronal and chromospheric physics Semiannual status report, 1 Apr. - 30 Sep. 1965	1965
19660067222	Preliminary Design of a Pu-238 Isotope Brayton Cycle Power System for MORL. VOLUME IV - Technical Appendix. Book 2 - Brayton Cycle Power Conversion System	1965
19660067223	Aerobee 150 Roll Lock-in Study. Development of a Roll Lock-in Criterion Final Report	1965
19660067225	An analysis of three hydrofoil boat control systems	1965
19660067226	Titan III aerodynamic characteristics data report	1965
19660067227	Use of reactive atmospheres for the treatment of 3.C.C. metals Quarterly engineering progress report no. 11, 1 Apr. - 30 Jun. 1965	1965
19660067228	The radiation environment	1965
19660067229	Glass transitions in polymers	1965
19660067231	The response of a retarded equilibrium turbulent boundary layer to the sudden removal of pressure gradient	1965
19660067232	The relation of wind-profile statistics to meteoric echo properties	1965
19660067233	Surface treatment of titanium alloys - A review of published information	1965
19660067234	Limitations of the Tobolsky "two network theory" in the interpretation of stress - relaxation data in rubbers	1965
19660067235	A summary of current research in the Microwave Research Institute programs Progress report no. 27, 1 Oct. 1964 - 31 Mar. 1965	1965
19660067236	Studies of cellular defense against infection - The interaction of influenza virus with phagocytic cells and its effect on phagocytosis Annual report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660067237	Thermionic converter life and repeatability investigation Sixth quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660067240	Degradation of alpha cyanoacrylates by water Final report	1965
19660067241	Proton measurements in a rocket probe into the South Atlantic Radiation Anomaly Technical report, 2 Apr. 1964 - 4 Feb. 1965	1965
19660067242	Determination of pressures in bearings comprised of plane rectangular gas lubricated surfaces	1965
19660067244	A primer of tactics for manual control of rendezvous in low earth orbits Final report, Feb. 1964 - Feb. 1965	1965
19660067245	Acute mortality and recovery studies in sheep irradiated with cobalt-60 gamma or I Mvp X-rays	1965
19660067246	Development of materials and manufacturing procedures for Type-3 and Type-6 cable loop belts Final report	1965
19660067247	Oklahoma City sonic boom study Final program summary, Feb. 3 - Jul. 30 1964	1965
19660067248	Spectrum of the intensity variations in 3C 273B	1965
19660067250	Observations of linear polarization of 54 discrete radio sources at 10.6 cm	1965
19660067251	Lift characteristics of asymmetric exhaust nozzles at high flight speeds	1965
19660067252	Ozone in aircraft cabins	1965
19660067253	Power and energy measuring techniques for a solid state laser	1965
19660067254	Reflectometer measurement of the plasma sheath encountered during the Project Asset flights	1965
19660067255	Optimized coherent optical receiver technique II First quarterly report	1965
19660067256	Development of composite structural materials for high temperature applications Final report, 1 Sep. 1963 - 30 Nov. 1964	1965
19660067258	Bibliography on glass-reinforced plastic laminates and reinforcing glass fibres and flakes	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067259	Study of correlation properties of binary sequences, Volume I Interim technical report no. 1, 15 May - 15 Aug. 1965	1965
19660067260	Molecular structure and materials characterization Annual summary report, Mar. 1964 - Mar. 1965	1965
19660067261	Apollo Unified S-Band System Block I Compatability Test Program. Task I - Final Report	1965
19660067264	Backscattering of a loop and minimization of its radar cross section	1965
19660067265	The microstructures of some refractory metallic materials Technical report, 1 1 Jan. - 31 Dec. 1964	1965
19660067266	The quality of a photographic image in differential rectification of aerial photos	1965
19660067269	The thermal decomposition of 3,5-diphenyl -1,2,4-oxadiazole and 2,5-diphenyl-1,3,4- oxadiazole	1965
19660067271	Estimation of heat transfer to flat plates, cones and blunt bodies	1965
19660067272	Oak Ridge National Laboratory status and progress report, October 1965	1965
19660067273	Improved coatings from organometallic solutions Technical report, 1 Jun. 1964 - 31 May 1965	1965
19660067274	A survey of energy sources for emergency power for NAVCOMSTA Final report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660067275	Improvements in pressure simulation from launch to low altitude orbit	1965
19660067277	Articles on the properties of semiconductors and chromium-nickel layers resistors	1965
19660067278	Preliminary experimental investigation of the atmospheric turbulence effects on a focused laser beam	1965
19660067279	Surface wave and antenna engineering research study Quarterly progress report, 1 Dec. 1964 - 28 Feb. 1965	1965
19660067280	Directional luminous reflectances of objects and backgrounds under overcast skies	1965
19660067281	An experimental investigation of the interaction between a forward-facing step and a laminar boundary layers in supersonic, low- density flow	1965
19660067282	Ablative plastics and elastomers in chemical propulsion environments Technical report, Oct. - Dec. 1964	1965
19660067284	Evaluation of the monitair angle of attack/ stall warning system installed in a C-130E aircraft Final report, 16 Apr. - 20 Jul. 1965	1965
19660067287	Low level accelerometer test methods	1965
19660067288	An investigation of the roles of fluoride and adaption in the conservation of bone minerals Progress report, Jan. - Jun. 1965	1965
19660067289	Separable redundant computers	1965
19660067290	The analysis of large scale R&D programs - A case study of Project Mercury	1965
19660067291	Ecologic relationships between bacteria and algae in photosynthetic gas exchanges Quarterly status report no. 9, 1 Aug. - 31 Oct. 1965	1965
19660067293	Gemini Spacecraft Number 3 performance/ configuration specification	1965
19660067294	Modular multipurpose space station study. Section 4 - Preliminary specifications Final report	1965
19660067295	Modular multipurpose space station study. Section 5 - Multipurpose space station applications. Section 6 - Development plan Final report	1965
19660067296	Modular multipurpose space station study. Appendix - Experimental application summary Final report	1965
19660067298	Beam-plasma interaction in a warm plasma	1965
19660067299	Inorganic coordination polymers. VII - Zinc/II/ dimethylphosphinates, methylphenylphosphinates, and diphenylphosphinates	1965
19660067300	Microbiological corrosive effects on structural materials used in aircraft fuel tanks Final report, Nov. 1962 - Mar. 1965	1965
19660067302	Aerodynamic gas spike for re-entry vehicle communication studies	1965
19660067303	Experiments on nucleate boiling of water at sub-atmospheric pressure	1965
19660067304	The influence of cohesive forces on the glass transition temperatures of polymers	1965
19660067305	Optimum impulsive transfers between elliptic and non-coplanar circular orbits	1965
19660067306	The dye-stain technique for measuring the size of raindrops	1965
19660067308	Bird impact tests of vulcan aircraft windscreens	1965
19660067309	Establishment and maintenance of communications satellite /single launches/	1965
19660067310	The effect of transfer injection errors upon the accuracy of high circular orbits	1965
19660067311	The effect of first injection errors upon the accuracy of high circular orbits when the trajectory includes low altitude parking and elliptic transfer	1965
19660067312	Instrumentation for measuring thermal characteristics of surfaces. Part 2 - An interesting sphere to measure the variation of reflectance with angle of incidence	1965
19660067313	Engineering flight test results of the aircraft flying qualities evaluation, C-141A	1965
19660067315	Advanced phase-shift amplifier study Quarterly progress report no. 4, 16 Dec. 1964 - 15 Jun. 1965	1965
19660067316	Advanced polymer research to develop polymers for use in coatings exposed to extreme environments Progress report, 15 Dec. 1964 - 15 Jun. 1965	1965
19660067317	Rolling torque and rolling pressure	1965
19660067318	Evaluation of various topcoats as general purpose finishes for supersonic aircraft	1965
19660067319	Investigations in computer-aided design for numerically controlled production Interim engineering progress report, 1 Jun. - 30 Nov. 1964	1965
19660067320	Measurement and filtering techniques for orbital navigation. Part I - Program formulation Technical report, Aug. 1964 - Jul. 1965	1965
19660067321	Transonic wind tunnel investigation of pitot- static probes for the F-111B aircraft Technical report, 23 - 30 Jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067322	Tantalum alloy tubing development program Sixth interim technical engineering report, 15 May - 15 Aug. 1965	1965
19660067323	Petroleum and the sea	1965
19660067324	Research on semiconductor materials and devices by British manufacturers Progress report, Jan. - Apr. 1965	1965
19660067325	Adhesion of aircraft paint finish Final report, Mar. 1 - Aug. 31, 1965	1965
19660067326	Effects of melting practice, thickness and thermal and mechanical treatments on Klc of 18-nickel maraging steel Final technical report	1965
19660067327	The far field patterns of a circular Gaussian field distribution restricted by a circular aperture	1965
19660067328	The Ministick process for packaging integrated circuit flat packs	1965
19660067329	Efficacy of alkali-superoxide beds for bacteria removal from air Quarterly status report, 1 Jun. - 31 Aug. 1965	1965
19660067330	Ionospheric data, part A	1965
19660067331	Ionospheric data, part A	1965
19660067332	The dependence of yield stress on strain rate as determined from ball indentation tests	1965
19660067333	Acoustic burning in the Stage III Minuteman Motor weapon system 133A	1965
19660067334	Time-of-flight spectrometer Quarterly report	1965
19660067335	The influence of electric and magnetic fields on heat transfer to electrically conducting fluids	1965
19660067336	Nondestructive readout and partial switching of the net magnetization in 50 percent nickel-iron Interim technical report	1965
19660067337	Operating characteristics of storage batteries for use on ground support equipment	1965
19660067339	Theoretical and experimental investigations of cylindrical or toroidal diffraction reflectors, having a wide aperture and field angle, operating with different frequencies at different field angles Final technical report, 1 Jun. 1964 - 30 Jun. 1965	1965
19660067379	Interagency Chemical Rocket Propulsion Group, Working Group on Thermochemistry, proceedings of third meeting, Volume II /U/	1965
19660067380	Thermochemistry of polycyano compounds - Their use as high energy fuels for propellant systems /U/	1965
19660067381	Factors affecting specific impulse efficiency of solid propellants containing Beany /U/	1965
19660067382	[No Title]	1965
19660067383	Radar attenuation	1965
19660067384	The heat of formation of aluminum borohydride /U/	1965
19660067385	Calorimetry of ionic oxidizers /U/	1965
19660067386	[No Title]	1965
19660067387	Calorimetry of BTU /U/	1965
19660067388	Combustion calorimetry of domino compounds /U/	1965
19660067389	The heat of combustion of Beany /U/	1965
19660067391	Bulletin of the 21st Interagency Solid Propulsion meeting, volume I /U/	1965
19660067392	Minuteman II second-stage motor /U/	1965
19660067393	A combined solid/liquid propulsion system /U/	1965
19660067394	[No Title]	1965
19660067395	[No Title]	1965
19660067397	Thermal decomposition of catalyzed ammonium perchlorate	1965
19660067398	Attempts to prepare perchlorates and tetrafluorochlorates of the O2 plus and N2F plus ions	1965
19660067401	Solid propulsion for medium class launch vehicle improvement /U/	1965
19660067402	Cost aspects of large solid motors	1965
19660067403	Large motor transportation and launch area considerations	1965
19660067407	Implication of DoD directive for the reclassification of solid propellants	1965
19660067408	The standardization of performance analysis and data reporting for hybrid propulsion systems	1965
19660067410	Hybrid motor baffle effectiveness - Cold flow studies	1965
19660067412	Environmental effects on the structural performance of filament wound composites	1965
19660067416	Electrical field effects on flame spreading rates in solid propellants	1965
19660067418	Bulletin of the 7th Liquid Propulsion Symposium, Volume I /U/	1965
19660067419	Development and evaluation of metallized emulsion fuels /U/	1965
19660067420	Slurried propellants containing LMH-2 /U/	1965
19660067421	Development of high-impulse heterogeneous propellants /U/	1965
19660067422	Physico-chemical and propellant characterization of advanced storable liquid propellants /U/	1965
19660067423	Gelling of liquid oxygen difluoride /U/	1965
19660067424	Water electrolysis reaction control system /U/	1965
19660067425	Navy maneuver engine /U/	1965
19660067426	Feasibility study of an advanced design variable thrust injector /U/	1965
19660067427	Sealed storage of concentrated hydrogen peroxide /U/	1965
19660067428	Combustion studies of some gelled hydride propellants /U/	1965
19660067429	Homogeneous oxidizer blends /U/	1965
19660067430	Rocket motor evaluation of high energy mixed oxidizers /U/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067431	Investigation of large thrust per element injectors and a simplified clustering technique for rocket engines /U/	1965
19660067432	An evaluation of the transtage thrust chamber under simulated altitude and orbital flight conditions	1965
19660067433	Chlorine trifluoride propulsion /U/	1965
19660067434	Methods of gaging fluids under zero-g conditions	1965
19660067435	A combustion stability evaluation of various hydrazine and hydrazine blend fuels	1965
19660067436	Experimental measurements on a rotating detonation-like wave observed during liquid rocket resonant combustion	1965
19660067437	[No Title]	1965
19660067438	Development of a mortar launched liquid rocket /U/	1965
19660067439	Application of FLOX /fluorine-lox mixture/	1965
19660067440	Investigation of Supersonic Transport Engine Inlet Configurations /U/ Final Report	1965
19660067445	Study and Development of an Axisymmetric Supersonic Inlet /U/	1965
19660067446	260-in.-dia Motor Feasibility Demonstration Program. Volume II - 260-SL Motor Propellant Tailoring and Liner Development /U/ Final Phase Report	1965
19660067456	Design and development of a high-performance, upper-stage, solid-propellant rocket motor	1965
19660067464	Progress in the 260-inch motor program	1965
19660067470	Evaluating ingredient hazards	1965
19660067474	State-of-the-art in reinforcements for structural and ablative applications	1965
19660067475	Structural - seismology techniques for prevention of failure of rocket chambers	1965
19660067476	Skeletal refractory-carbide and metal composites	1965
19660067477	Factors relating to cost of very large rocket motor cases	1965
19660067482	Advanced research on solid rocket propellants /U/ Quarterly progress report no. 2, Apr. - Jun. 1965	1965
19660067487	Variations in the XM3 coder-transmitter vertical antenna radiated signal /U/	1965
19660067488	Development of an 80mm electrostatic focus tube /U/ Interim technical report, 20 May - 31 Aug. 1965	1965
19660067490	Improved Delta Quarterly Technical Progress Report, July - September 1965	1965
19660067491	Discrepancy analysis of preflight equipment failures. NASA satellites and probes programs	1965
19660067493	Dynamic analyses of power systems	1965
19660067495	An experimental investigation of the effects of radiation on the propagation of electromagnetic signals in air Technical report, 1 Dec. 1964 - 28 Feb. 1965	1965
19660067496	Anisotropic liquids for tunnel detection. Part 1 - Determination of limiting conditions Second letter report, Aug. 1-31, 1965	1965
19660067497	Ground test and monitoring device	1965
19660067498	Development of nondestructive testing system for analysis and control of residual machining stresses Interim engineering progress report, 1 May - 31 Aug. 1965	1965
19660067499	Elastomeric and compliant materials for liquid rocket fuel and oxidizer application Final report, Feb. - Nov. 1964	1965
19660067500	The effects of shot peening on the fatigue properties of damaged bare and damaged chrome plated high strength 4340 steel	1965
19660067501	Simmer-control of large lamps	1965
19660067502	Human engineering evaluation of low frequency beacon systems Letter report no. 10	1965
19660067503	Field calorimetry/IR instrumentation Third quarterly report, 16 Dec. - 16 Jun. 1965	1965
19660067505	Electromagnetic field distortions and currents in and near buried cables and bunkers Technical report, 18 Mar. 1963 - 28 Feb. 1965	1965
19660067506	Elevated temperature strength of fine beryllium wire, phase III	1965
19660067507	Thermo-electric generator as a portable battery charger Letter report of evaluation	1965
19660067508	Transistorized computing amplifiers	1965
19660067510	CX-6 ground impingement and erosion	1965
19660067511	A review of the physical metallurgy of chromium and chromium alloys	1965
19660067512	The low pressure oxidation of pure columbium	1965
19660067513	Ceramic systems for missile structural applications Quarterly report, 1 May - 31 Jul. 1965	1965
19660067514	Research on improved epoxy resins Quarterly progress report, Apr. 1 - Jul. 1, 1965	1965
19660067515	Bulletin of the Research and experimental Aviation Institute. Conference on the Fabrication of Blades. Part III - Machining of blades	1965
19660067516	Turbine-blade production at the ZJS plant in Prague	1965
19660067517	Production of blades for prototype compressors and turbines	1965
19660067518	Special machine tools for blade production	1965
19660067519	Residual stresses in machining heat-resistant materials	1965
19660067520	Finish operations in blade production	1965
19660067521	Production of gas-turbine and compressor blades from precision forgings	1965
19660067522	Blade production with the starrag hydraulic copying machine	1965
19660067523	Production of prototype blades at the Aeronautic Research and Testing Institute	1965
19660067524	Defects in blade materials and methods for detecting them	1965
19660067525	Measurement of turbine-blade resonance oscillation	1965
19660067526	Testing of turbine blades	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067527	Lasers and possible applications, a continuing survey Interim report	1965
19660067528	Development of radio technology in Communist China	1965
19660067529	Automated production of carbon-film resistors	1965
19660067530	Radio telemetry - frequency-division multiplexing	1965
19660067531	The two-dimensional behavior of shocks in the atmosphere Technical report, 1 Aug. 1964 - 1 Aug. 1965	1965
19660067533	Lethal processes in dehydration of microorganisms	1965
19660067534	Large solid-propellant boosters explosive hazards study program, project Sophy Status report, 1-31 May 1965	1965
19660067535	Report of Aerospace Manufacturing Committee - Aerospace Applications Requirements Panel. Volume III - Aerospace manufacturing requirements /1970- 1985 systems/	1965
19660067536	Investigation on stability of refractory phases Final technical report, 1 Jan.- 31 Dec. 1964	1965
19660067537	Performance measurement techniques for adaptive process control Interim engineering progress report, 1 Apr. - 30 Jun. 1965	1965
19660067539	Pattern handbook. Volume IV - Far-field patterns of a linear antenna radiating in the presence of rectangular cylinders	1965
19660067540	Radar attenuation by solid-propellant-rocket exhaust /U/	1965
19660067541	The explosive characteristics of NF COMPOUNDS and propellants /U/	1965
19660067542	Ballistic characteristics of NF PROPELLANTS /U/	1965
19660067543	Preparation and characterization of NF PREPOLYMER propellants /U/	1965
19660067544	Performance characteristics of a cryogenic tripropellant system /U/ Quarterly progress report no. 2, 1 Jun. - 31 Aug. 1965	1965
19660067546	Radially distributed annular combustor for packaged liquid rocket engines /RADARC State of the Art program/ /U/ First quarterly report, 17 May - 16 Aug. 1965	1965
19660067547	Summary report on airframe, aerodynamic, and propulsion design of Typhon LR missiles, S/N 1 to 9 /U/	1965
19660067548	Hypervelocity impact of end-oriented rods /U/ Annual report	1965
19660067551	Experimental evaluation of the heats of formation of C-H-O-N-F-B compounds /U/ Final technical report, Jun. 15, 1964 - Aug. 14, 1965	1965
19660067552	Third stage Minuteman production support program /U/ Quarterly progress report, 1 May - 31 Jul. 1965	1965
19660067554	Throttleable monocompound rocket engine /U/ Quarterly progress report, 11 May - 10 Aug. 1965	1965
19660067556	Slurry fuel performance studies /U/ Quarterly progress report, May 1 - Jul. 31, 1965	1965
19660067557	VA-899 superpower microwave amplifier development program /U/ Quarterly report, 1 Jan. - 31 Mar. 1965	1965
19660067559	A toxic hazard study of selected missile propellants /1965/ /U/ Final report, Mar. 1964 - Feb. 1965	1965
19660067560	CX-6. V/STOL assault transport support system study. Volume VII - Technology advancements /U/ Final report, 15 Feb. - 15 Aug. 1965	1965
19660067561	CX-6. V/STOL assault transport support system study. Volume II - Design. Section 7 - Human factors /U/ Final report, 15 Feb. - 15 Aug. 1965	1965
19660067562	CX-6. V/STOL assault transport support system study. Volume IV - Support/ logistics /U/ Final report, 15 Feb. - 15 Aug. 1965	1965
19660067564	Heat transfer and pressure distribution on a scale model SV-5D at Mach 10 /U/	1965
19660067565	Prismatic effect compensation technique	1965
19660067566	F-5A category II performance test	1965
19660067567	Status of the purification of beryllium	1965
19660067568	Failure reporting summary, SA-10 pre-launch test and checkout at KSC	1965
19660067569	A study of the chemical reaction zone in charring ablaters during thermal degradation	1965
19660067570	B-26K category II performance and qualitative stability and control tests, appendix III	1965
19660067571	Life in extreme environments Third semiannual report, Jun. - Dec. 1965	1965
19660067572	Development of Solar Phenomena Observation Techniques Status Report No. 7 /final/, 1 Jan. - 30 Jun. 1965	1965
19660067573	Performance specifications for a meteorological satellite lidar Quarterly report no. 3, 1 Aug. - 1 Nov. 1965	1965
19660067574	Optimized binders for propellants containing high energy oxidizer Progress report, 27 Apr. - 26 Oct. 1965	1965
19660067575	Far north diesel power and space heating cost study Technical report, 15 Feb. - 14 May 1965	1965
19660067576	Further observations on microstructural damage produced by torsional fatigue of an aluminium- 7.5 percent zinc- 2.5 percent magnesium alloy	1965
19660067577	Mechanism of catalytic ignition and combustion of solid rocket propellants Bimonthly report, 21 Jul. - 20 Sep. 1965	1965
19660067578	Model studies of the influence of ionosphere perturbations on VLF propagation. Propagation of VLF radio waves in a model earth-ionosphere waveguide of arbitrary height	1965
19660067579	A method for determining peak irradiance of an optical pump and total pump energy incident upon a laser crystal Technical report, 1 Jan. 1964 - 1 Mar. 1965	1965
19660067580	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, 20 May - 20 Aug. 1965	1965
19660067581	Flow field calculations for a seventeen inch sphere	1965
19660067582	Some aspects of hypersonic air flow over cones	1965
19660067583	Materials research projects Technical progress report, 1 Jul. 1964 - 30 Jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067584	Equilibrium calculations of shock waves in oxygen	1965
19660067585	Machine language translation study Eighth quarterly progress report, 1 Feb. - 30 Apr. 1965	1965
19660067586	Dynamics of two-phase flow in rocket nozzles Final technical report, 1 May 1961 - 31 Dec. 1964	1965
19660067587	Diffusion of a magnetic field from a gap between two semi-infinite conductors	1965
19660067588	Results of testing two HPC-ABL X-258 E-6 /S/N's RH 123 and RH 128/ solid-propellant rocket motors under the combined effects of simulated altitude and rotational spin	1965
19660067589	New developments in welding steels with yield strengths greater than 150,000 psi	1965
19660067590	Investigation of slurry fuels for CLAM SYSTEMS /U/ Quarterly progress report no. 6, 1 Mar. - 31 May 1965	1965
19660067591	Propulsion development department review. Chapter 6 - Propulsion testing, evaluation, and facilities, June 1964 - May 1965 /U/	1965
19660067592	Coaxitron transmitter group for radar set AN/APS-96 /U/ Monthly progress report, 1 Jul. - 31 Aug. 1965	1965
19660067593	Exploratory investigations of boron continuous filament formation processes /U/ Final report, Sep. 1963 - Apr. 1964	1965
19660067594	An investigation of the effects of retro rocket exhaust gas impingement on the Athena fourth-stage missile body at simulated altitude conditions /U/	1965
19660067595	Thermal battery XM-15, phase I /U/ Summary report	1965
19660067596	Starting characteristics and performance evaluation of the Aerojet-General Corporation YLR87-AJ-9 rocket engine at simulated altitude while being subjected to acoustical and vibrational environment /part I, runs -01 through -06/ /U/	1965
19660067597	Experimental investigation of a multiengine air-augmented rocket system /U/	1965
19660067598	Effects of configuration refinements on the static stability and drag characteristics of two AFFDL high lift-to-drag models at Mach 19 /U/	1965
19660067600	Titan III/MOL 156-inch solid rocket motor design constraints report /three center segments/ /U/	1965
19660067603	Effects of nozzle area ratios of 50-1 and 125-1 on the performance of motors containing Arcocel 333E solid propellant /U/	1965
19660067606	Results of simulated altitude testing of the United Technology Center 8K liquid- propellant rocket engine /propulsion engine test cell T-4/	1965
19660067608	High explosive equivalence test of the Mk 17 rocket motor in the AIM 9B missile /GAR 8/ /U/	1965
19660067609	CX-6. V/STOL assault transport support system study. Volume II - Design. Section 1, part I - Configuration and air vehicle descriptions /U/ Final report	1965
19660067610	CX-6. V/STOL assault transport support system study. Volume II - Design. Section 3 - Propulsion analysis /U/ Final report	1965
19660067611	CX-6. V/STOL assault transport support system study. Volume II - Design. Section 6 - Subsystem design and selection /U/ Final report	1965
19660067612	CX-6. V/STOL assault transport support system study. Volume III - Operations analysis /U/	1965
19660067613	Wide-band multiplex system /U/ Final engineering report, 15 Jul. 1963 - 28 Feb. 1965	1965
19660067617	Ablating wedge high-shear thermal test program in the Cornell Wave Superheater facility. Task 4.1.1 - High performance hardened heat shield development REST PROGRAM /U/	1965
19660067618	Dynamic stability with mass addition ground testing techniques and results. Task 2.3 - Engineering aerodynamics--REST program /U/	1965
19660067619	CLAM system fuel performance study, part II /U/ Technical report, Sep. 1963 - Dec. 1964	1965
19660067620	Titan III MOL 156-inch solid rocket motor design constraints report /two center segments/ /U/	1965
19660067621	Ablation testing of arc-deposited graphite /ADG/ slender cones. Task 4.2 - Nose-tip materials - REST program /U/	1965
19660067622	Weapon system 133A - Minuteman stage III STATIC test motor SD-22 fired at Air Force range 6404 /Lakeside Test Facility/ /U/ Final report	1965
19660067623	Noble gas compounds /U/ Quarterly progress report, 1 May - 31 Jul. 1965	1965
19660067625	Influence of high-speed flight on photography /U/	1965
19660067628	Operating characteristics and performance of the Thiokol TX-388 Solid-Propellant Augmented Rocket Motor /SPARM/ propulsion system at two simulated flight conditions /U/ Technical report, feb. 17 - apr. 30, 1965	1965
19660067629	Research in chemistry /U/ Quarterly progress report, Apr. - Jun. 1965	1965
19660067633	Radar attenuation in the exhaust plume of the Phoenix missile - theoretical predictions /U/ Final report	1965
19660067634	Optical contrast seeker program /U/ Status report, fiscal year 1965	1965
19660067636	Re-entry data report - Athena flight no. 015 /missile B003-Q03/ /U/	1965
19660067638	Re-entry data report - WTR flight test 7767 /U/	1965
19660067643	Semi-active continuous wave radar for terminal guidance of space vehicles /U/	1965
19660067644	Reentry Environment and Systems Technology /REST/. Volume III - Observables /Task 3.0/ /U/ Semiannual progress report, 1 Jan. - 30 Jun. 1965	1965
19660067646	Detection of ships by an incoherent radar from a manned orbiting laboratory /U/	1965
19660067647	Parametric study of a sea surveillance radar for MOL /U/	1965
19660067648	Space object identification study /U/ Final report	1965
19660067655	Stability study of nuclear pulse propulsion /ORION/ engine system /U/	1965
19660067659	Wake angle scanner /U/ Interim report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067661	Inertial measurement unit testing /U/ Technical report, 5 Mar. - 4 Jun. 1965	1965
19660067666	Active surveillance techniques investigation /U/	1965
19660067676	Reentry Environment and Systems Technology /REST/. Volume II - Aerophysics /U/ Semiannual progress report, 1 Jan. 30 Jun. 1965	1965
19660067683	Titan III/MOL failure mode and effect analysis report /U/	1965
19660067690	Bibliography and abstracts of publications for period 1956-1964 dealing with damping properties of materials Summary report, Jun. 1963 - Sep. 1964	1965
19660067692	Study of Liquid Propellant Blast Hazards Final Report	1965
19660067693	Hydrogen-explosion detection system Final report	1965
19660067694	Modular Multipurpose Space Station Study. Volume 7 - Condensed Summary Final Report	1965
19660067695	Measurement of true surface area in electrodes Third quarterly technical progress report, 16 Jun. - 15 Sep. 1965	1965
19660067696	Modular multipurpose space station study. Section 1 - Introduction. Section 2 - Technical summary Final report	1965
19660067697	Modular Multipurpose Space Station Study. Section 3 - Modular Space Station Design /1/ Final Report.	1965
19660067698	Modular multipurpose space station study. Section 3 - Modular space station design /2/ Final report	1965
19660067699	Radiation effects on propellants and explosives An annotated bibliography	1965
19660067700	Development of manufacturing procedures for planetary spacecraft to be sterilized by heating First quarterly progress report, 5 May - 4 Aug. 1965	1965
19660067701	High Velocity Electron Streams Research Final Report	1965
19660067702	Design, Development and Fabrication for a Digital Measurement and Recording System, Model 577T1 Progress Report No. 5, 1 Jun.- 28 Aug. 1965	1965
19660067703	Specification for a Time Reference System for M.A.C. Model 133P	1965
19660067704	Study of Multipurpose Mission Module, Baseline Design, Volume II	1965
19660067705	Development of a Typical Mars Probe Sterilization Container First Quarterly Technical Progress Report, 28 Jun. - 1 Oct. 1965	1965
19660067706	Preliminary geologic map of the Mono Craters quadrangle, California	1965
19660067707	Analysis of electrical propulsion electrical power conditioning component technology Technical summary report, 11 Jun. 1964 - 10 Jun. 1965	1965
19660067708	Study of Multipurpose Mission Module, Program Plan	1965
19660067709	Utilization of the Multipurpose Mission Module	1965
19660067710	Protection of a deep space research service	1965
19660067712	ALSS payloads, volume II. Book 2 - Mobility systems /part 2 - Appendices A and B Final report	1965
19660067714	Structural studies of inorganic oxidizers Annual summary report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660067715	Static test safety manual	1965
19660067716	Handbook of instructions for 20-mm automatic gun aircraft armament pod, USAF model SUU-23/A /prototype models/	1965
19660067717	Staphylococcal enterotoxin assay using polarization of fluorescence of the fluorescent antibody-antigen complex Second triannual report, Jan. 10 - Apr. 10, 1965	1965
19660067718	Cost-effectiveness optimization /tasks and analysis methodology/ Final report, volume II	1965
19660067719	Dielectric tape television camera Quarterly report no. 1	1965
19660067720	Instruction manual for model II passive LOPAIR	1965
19660067721	Materials for space-power liquid metals service	1965
19660067722	H.F. antenna design - CH-47 aircraft	1965
19660067723	SNAP-50/SPUR - coolants and working fluids Final summary report	1965
19660067724	Fiber reinforced boron phosphate structural composites Summary report, Jan. - Dec. 1964	1965
19660067725	Charged particle accelerometer Final report, 20 May 1964 - 20 May 1965	1965
19660067726	The change of a rough flight	1965
19660067729	Emission characteristics monitor /microwave region/ Quarterly progress report, 1 Jan. 1 Apr. 1965	1965
19660067730	Development of ejection seat trainer, device 9E2A Interim report	1965
19660067731	Geological Survey investigations of the electrical properties of the crust and upper mantle Final report	1965
19660067733	Development of semi-precision quartz frequency control units Interim engineering progress report, 1 Jan. - 31 Mar. 1965	1965
19660067734	Considerations for a post-1970 military comsat using aerospace vehicles as terminals, volume I	1965
19660067735	Properties of modified nickel-aluminum bronze in wrought form	1965
19660067736	Polycrystalline ceramic fiber reinforcement for high-temperature structural composites. Surface chemistry studies and continuous fiber processing parameters	1965
19660067737	Solar flare project - Observations of the solar chromosphere Progress report no. 5, Dec. 1, 1964 - May 31, 1965	1965
19660067738	The direct observation of molecular rotational Stark transitions Technical report, 1 Jul. 1964 - 31 May 1965	1965
19660067739	Geometric instabilities in isotropic plastic solids under increasing uniaxial compression	1965
19660067740	The Concept of a Balanced Pressure Actuated Toggle Action Electrical Switch Final Report, 26 Jun. 1964 - 25 Oct. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067741	Liquid oxygen and fuel prevalves for NASA SATURN Program Thirty-fifth monthly progress report, 1-31 May 1965	1965
19660067744	Chamber technology for space-storable propellants, Volume 2 Interim report, 26 Jun. 1964 - 26 Jun. 1965	1965
19660067745	Proximity effects between superconducting and normal metals Semiannual report	1965
19660067746	A comparison of long-distance HF radio signal reception at high and low receiving sites	1965
19660067748	Revival of dirigible building in the USSR	1965
19660067749	Low-resistance printed resistors for high- frequency circuits	1965
19660067750	Study of multipurpose mission module - Summary /earth orbit/	1965
19660067751	Development of Manufacturing Procedures for Planetary Spacecraft to Be Sterilized by Heating Second Quarterly Progress Report, 5 Aug. - 4 Nov. 1965	1965
19660067752	Determination of the coefficient of friction between metals and nonmetallic solids at ultrahigh vacuum Final report	1965
19660067753	Computational studies on the reconstruction of an analog signal from non-uniformly spaced samples	1965
19660067754	Development and testing of a temperature transient method for performing in-pile thermal conductance testing Progress report, 1 Apr. - 30 Jun. 1965	1965
19660067755	Gastrointestinal motor activity An annotated bibliography, 1955-1964	1965
19660067757	Optimum compression in the compressor of a bypass turbojet engine with augmentation	1965
19660067758	The analysis of helicopter pilot performance Final report	1965
19660067760	Connectivity and capacity computer program with circuit and routing logic Final report	1965
19660067762	Testing of transient suppression networks Progress report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660067763	Compressive strain rate tests on six selected materials at strain rates from 10-3 to 104 inch/inch/second	1965
19660067764	Coulostatic study of residual oxygen in electrochemical investigations	1965
19660067765	A study to determine the effects of clustering of solid engines on structural vibration levels	1965
19660067766	Optimization of multistage three-dimensional boost trajectories, Phase II. Part III - Computer program listing	1965
19660067767	Optimization of multistage three-dimensional boost trajectories, phase II. Part II - Computer program - logic Final report	1965
19660067768	Structural description - O.A.O. Booster	1965
19660067769	Structural operating limits - O.A.O. Booster	1965
19660067770	The shielding properties of simple enclosure shields	1965
19660067771	Self absorption in molecular spectra - Curves of growth for C2 and CN	1965
19660067772	Special properties of the propagation of sound in air	1965
19660067773	Microelectronics research on silicon-silicon oxide structures and interfaces Final report	1965
19660067774	Jet aircraft and internal aerodynamics	1965
19660067775	New materials	1965
19660067777	Improvement in rocket motor performance in Mi25 ground signal series	1965
19660067778	Participation of Navy pilots in NASA RESEARCH airborne V/STOL simulator First interim report	1965
19660067779	Study of correlation properties of binary sequences. Volume III - Table of correlation functions of maximal linear sequences of period 2047 Interim technical report, 15 May - 15 Aug. 1965	1965
19660067780	Free transverse vibrations of a circular cylindrical sandwich shell with a hard filler	1965
19660067781	Application of Rayleigh's method to determine the natural frequency of shell vibrations	1965
19660067782	General interchange instability	1965
19660067783	Study of correlation properties of binary sequences. Volume IV - Table of correlation functions of maximal linear sequences of period 4095 Interim technical report, 15 May - 15 Aug. 1965	1965
19660067784	Application of the theory of multilayer media to the study of oriented fibreglasses	1965
19660067785	Development of semi-precision quartz control units Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660067786	Comparison of various metal coatings used in tropics	1965
19660067787	Solid state chemistry of hydrogen compounds Annual technical progress report	1965
19660067788	Space craft heating and reentry	1965
19660067789	Contributions to the study of the plasma jet	1965
19660067790	Transactions of the Second Technical Workshop on Dynamic Stability Testing, volume I	1965
19660067791	Re-entry vehicle flight test dynamic stability analysis	1965
19660067792	Mass transfer - Dynamic stability testing in the wave superheater hypersonic tunnel	1965
19660067793	Stability investigations during simulated ablation in a hypervelocity wind tunnel	1965
19660067794	Ground test simulation of flight instabilities	1965
19660067795	The flow field about pointed and blunt bodies of revolution in unsteady supersonic flight	1965
19660067796	A shock-expansion method for calculation of hypersonic dynamic stability	1965
19660067797	On the calculation of dynamic stability derivatives for pointed bodies of revolution in supersonic flow	1965
19660067798	Nose bluntness effects on the stability derivatives of cones in hypersonic flow	1965
19660067799	Longitudinal axis transfer relations applicable to large angle of attack dynamic data	1965
19660067800	Relationship between the aerodynamic damping derivatives measured as a function of instantaneous angular displacement and the aerodynamic damping derivatives measured as a function of oscillation amplitude	1965
19660067801	Mathematical modeling for dynamic stability tests	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067802	A generalized approach for dynamic stability analysis	1965
19660067804	Vibrations and acoustic radiation of an orthotropic shell containing an ideal gas flow	1965
19660067805	An evaluation of human performance during exposure to elevated heat and humidity Annual progress report, Oct. 1, 1964 - Sep. 30, 1965	1965
19660067806	A note on the output power division in a captured hard-limiting repeater	1965
19660067807	Articles in the field of atomic energy	1965
19660067808	Discharge characteristics of a magnetic ionic source	1965
19660067809	Spectrophotometric determination of micro amounts of rare earth elements	1965
19660067810	Computing the multiplication factor of fast neutrons in a dense lattice	1965
19660067811	Fluorescent determination of micro amounts of uranium in waste water	1965
19660067812	Development of manufacturing methods and techniques for the production of improved alkaline batteries Interim engineering progress report, 1 Apr. - 30 Jun. 1965	1965
19660067813	Portable noise suppressor research program Final report, Oct. 1962 - Feb. 1964	1965
19660067814	Columbium-1 zirconium alloy forced convection lithium slave loop test LCCDB-1	1965
19660067815	Continuous processes for functional electronic blocks Interim technical progress report no. 8, 1 Apr. - 30 Jun. 1965	1965
19660067816	Photochemically induced reactions of acetylenes with aromatic compounds Final report, 3 Jan. 1962 - 31 Jul. 1965	1965
19660067817	Thermoelectric crystal cooler Interim report, Dec. 1964 - Jul. 1965	1965
19660067818	Thin semi-conducting films for solid circuits Semiannual report, 1 Jan. - 30 Jun. 1965	1965
19660067819	Computer program deficiency areas	1965
19660067820	Aspects of barrier protection against corrosion	1965
19660067821	A comparative evaluation of the formability of tungsten plate and sheet by spinning techniques Final report, Jun. 1963 - Jul. 1965	1965
19660067822	Concepts for advanced aircraft braking methods	1965
19660067823	Handling and erection procedural guidelines, Saturn IB launch complex 34	1965
19660067824	The production of an alkali metal plasma by surface ionization	1965
19660067826	Experimental study of BIC materials applicable to storage devices Interim engineering report, 15 Mar. - 15 Jul. 1965	1965
19660067827	Thin-film monotonics Quarterly report, 13 Jun. - 12 Sep. 1965	1965
19660067829	Space programs Quarterly report, Apr. - Jun. 1965	1965
19660067830	Low loss microwave acoustic transducer study Interim technical report no. 1, 15 Mar. - 15 Jun. 1965	1965
19660067834	Mechanical and thermal properties of high- temperature titanium alloys Quarterly progress report, 1 Mar. - 31 May 1965	1965
19660067836	Advanced techniques in time-resolution spectroscopy of polarization cross-relaxation and anomalous polarization effects	1965
19660067837	Expandable Gemini to MOL crew transfer tunnel Third bi-monthly progress report, 1 Mar. - 1 May 1965	1965
19660067839	A data reduction technique for determining reentry motions using body-fixed rate gyro- accelerometer data	1965
19660067840	Determination and distribution of wing chordwise airloads	1965
19660067841	Failure analysis of critical ball bearings	1965
19660067844	Research rheologic and thermodynamic properties of solid and slush hydrogen Final report, 15 Jun. 1963 - 15 Jun. 1965	1965
19660067845	Manufacturing method for foamed metallic and ceramic heat shielding materials Final technical report, 1 Jul. 1963 - 31 Jan. 1965	1965
19660067846	Refractory material standards Technical report, 15 Jun. 1964 - 31 May 1965	1965
19660067847	A survey of firing processes and their critical influence on ceramics Technical report, May 1964 - Jun. 1965	1965
19660067848	The effect of certain damping treatments of the response of idealized aeroplane structures excited by noise Final report, Jan. 1963 - Jan. 1964	1965
19660067849	Epitaxial film growth Final technical report, 10 Sep. 1962 - 9 Nov. 1964	1965
19660067850	Development of improved cutting tool materials Final report, 1 Nov. 1962 - 15 May 1965	1965
19660067851	The development of a superior titanium-base alloy for cryogenic applications Technical report, May 1964 - May 1965	1965
19660067852	Manufacturing methods for electroplating silver, gold, and rhodium on electrical connector contacts Final technical report, 15 Nov. 1962 - 15 May 1965	1965
19660067854	Development of advanced techniques for the fabrication of refractory metal tubing Final technical report, 1 Jun. 1964 - 2 Aug. 1965	1965
19660067855	Analysis of the thermo-chemical state of an expanded air plasma Final report, 15 Nov. 1961 - 15 Nov. 1964	1965
19660067856	Analysis of the thermo-chemical state of an expanded air plasma Final report, 15 Nov. 1961 - 15 Nov. 1964	1965
19660067857	TRISAFE Single Axis Flight Control System Final report	1965
19660067858	Development and evaluation of energy search methods of nonlinear structural analysis Technical report, 1 Aug. 1963 - 1 Jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067859	Study and development of muscle substitutes in low pressure engines Final report, 1 Feb. 1964 - 1 Mar. 1965	1965
19660067860	Continuous tone thermoplastic photography Technical report, 1 Jun. 1964 - 31 Jul. 1965	1965
19660067861	Automatic exposure control technique for night cameras employing image amplifiers Final report, Jan. 1964 - Nov. 1965	1965
19660067863	A model for the free turbulent eddy viscosity Technical report, 1 Feb. - 1 Jul. 1965	1965
19660067864	Real-gas laminar boundary layers in hypervelocity nozzles	1965
19660067865	Investigation of various textile parachutes and control systems to achieve steerability, phase II Technical documentary report, Apr. - Aug. 1964	1965
19660067866	Utilization of refractory nonmetallic materials in future aerospace vehicles, Part II - Study of attachments for brittle components Final report, Nov. 1962 - Oct. 1963	1965
19660067867	Research program for a single-axis, triple-redundant, self-adaptive flight-control system utilizing integrated circuits Final report, May 1963 - Jul. 1964	1965
19660067869	The development and evaluation of a hydrocarbon binder for high energy solid propellants Third quarterly technical report, 13 Jul. - 12 Oct. 1965	1965
19660067870	Development of the manufacturing capabilities of the hydrostatic extrusion process Interim engineering progress report, 1 Mar. - 31 May 1965	1965
19660067871	Development of manufacturing processes for a lightweight heat transfer system Interim engineering progress report, 1 Aug. - 30 Oct. 1965	1965
19660067872	Development of a titanium alloy foil and sheet rolling process Second interim engineering progress report, 1 Aug. - 30 Oct. 1965	1965
19660067873	Manufacturing technology for the extrusion of superalloy structural shapes First interim engineering progress report, 15 Jun. - 15 Sep. 1965	1965
19660067874	Manufacturing processes and techniques applicable to fabrication of random-access large bit capacity static mass memories Interim engineering progress report, 15 May - 15 Aug. 1965	1965
19660067875	Refractory metal coatings by the fused salt process Interim engineering report, 1 Jul. - 30 Sep. 1965	1965
19660067876	Developing a process for ausforging large, high-strength steel aircraft structural components with improved design and weight reduction Interim engineering progress report, 15 Jul. - 14 Oct. 1965	1965
19660067877	Development of manufacturing methods for production of dual axis rate transducers Interim engineering progress report, 21 Jun. - 30 Sep. 1965	1965
19660067878	An important factor in the planning of future ionosonde projects and programs	1965
19660067879	Airborne terrain following evaluation system First quarterly report, 20 Apr. - 20 Jul. 1965	1965
19660067880	The effect of high viscosity on flow around a cylinder and around a sphere	1965
19660067881	Electronically tuned RF selectivity project Final report, 29 Jan. - 8 May 1965	1965
19660067883	The snapping of a shallow sinusoidal arch under a step pressure load	1965
19660067884	The reaction of ozone with perfluoroolefins	1965
19660067885	Mass transfer in fractional solidification	1965
19660067886	Threshold frequency demodulation	1965
19660067887	Description of ballistic range tests to study the effect of a blast field on a re-entry vehicle	1965
19660067888	Data for LaTaO ₄ and PrTaO ₄ , a new structure type, and a series of new compounds with the PbNb ₂ O ₆ structure, of composition K _{0.5} RE _{0.5} Ta ₂ O ₆ , where RE is a rare earth	1965
19660067889	Antenna breakdown in a hypersonic re-entry environment	1965
19660067890	Image dissector photomultiplier tube using a discrete stage multiplier section Final report	1965
19660067891	Technology utilization review and analysis, Volume III - Appendices Final report	1965
19660067892	Study and analysis of telemetry systems for the Saturn vehicle Final report	1965
19660067893	Study and development of a pressure transducer with a direct digital output First quarterly progress report, 28 Apr. - 31 July 1965	1965
19660067894	Research in life sciences instrumentation pertinent to studies in space biology Fourth quarterly report, 9 Aug. - 8 Nov. 1965	1965
19660067895	Cyclotron resonance interaction of microwaves with energetic electrons	1965
19660067896	Interpretation of the optical properties of the alkali metals	1965
19660067897	Investigation of new ionosounder techniques Final report	1965
19660067898	Thermal management of spacecraft equipment	1965
19660067899	Technical aspects of a Saturn vehicle fire detection system Fourth informal quarterly report, 19 Mar. - 19 Jun. 1965	1965
19660067900	A network approach to parts provisioning for Apollo prelaunch operations	1965
19660067901	Development and analysis of an optimum attitude control system for Nimbus meteorological satellites Monthly report no. 14	1965
19660067902	Development and analysis of an optimum attitude control system for Nimbus meteorological satellites Monthly report no. 15	1965
19660067903	Chronic acceleration studies - Physiological responses to artificial alterations in weight Progress report	1965
19660067905	Nucleonic mass flow principles First quarterly progress report	1965
19660067907	Study for the indicial load effects on multi-stage space vehicle systems Final report, 20 Sep. 1964 - 20 Sep. 1965	1965
19660067908	Research on bearing lubricants for use in a high vacuum Progress report no. 50, 1 Jun. - 31 Aug. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067909	Acceptance test of ISIS-X spacecraft adapter system at Lockheed HIVOS Final report	1965
19660067910	The Saturn IB improvement study P-114B /liquid first stage and boost assist/. Volume III Improvement program plans Final report	1965
19660067911	Test requirements - nuclear stage /preliminary/. Volume II - Integrated test plan	1965
19660067912	A search-antenna optimization chart	1965
19660067914	Some promising techniques for calculating the scattering of sound by buildings	1965
19660067916	Experimental investigation of the sound and turbulence of jets, 7 November 1963 - 31 January 1965	1965
19660067917	Investigation of the effects of reduced gravity on the thermal properties of insulation materials Technical summary report, 13 Jun. 1963 - 13 Jan. 1965	1965
19660067918	Isotope shift measurement for 6328 angstrom He-Ne optical maser transition	1965
19660067919	Launcher with firing accessories, complex 34, Saturn 1B	1965
19660067920	A Study of Crew Functions and Vehicle Habitability Requirements for Long Duration Manned Space Flights. Volume II - Technical Program Final Report	1965
19660067921	A Study of Crew Functions and Vehicle Habitability Requirements for Long Duration Manned Space Flights. Volume III - Technical Appendices Final Report	1965
19660067923	Aviation and cosmonautics.	1965
19660067924	Radant analysis studies Interim report no. 1, 30 Apr. - 31 Jul. 1965	1965
19660067925	Second international symposium on basic environmental problems of man in space, Paris, 14-18 June 1965	1965
19660067926	Small diameter, thin wall columbium alloy tubing program Interim report, Jul. 15 - Oct. 15, 1965	1965
19660067927	A study of an electrically initiated escape system	1965
19660067928	Study of microwave generation utilizing double-stream instabilities in anisotropic media Seventh quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660067929	Research and development to obtain semiconductor mixer diodes for use in frequency converters Quarterly report, 1 Apr. - 30 Jun. 1965	1965
19660067930	Extended molten-carbonate fuel cell system program Interim report, 15 Feb. - 30 Jun. 1965	1965
19660067931	Electron backscatter radar /N/A/ Final report	1965
19660067932	Design techniques for structurally supported radomes Interim engineering report, 1 Jul. - 1 Oct. 1965	1965
19660067933	Solid-state laser explorations Interim technical report, Aug. 16 - Nov. 15, 1965	1965
19660067934	Dimensionless design curves for series RLC TUNED surfaces	1965
19660067935	Process development for precision forging columbium-base alloys Third interim engineering progress report, 10 May - 10 Sep. 1965	1965
19660067936	Content-addressable memory techniques First quarterly engineering progress report, May 1 - Jul. 31, 1965	1965
19660067937	Army advanced AFCS study First quarterly progress report, 1 Mar. - 31 May 1965	1965
19660067938	Ammonia-air fuel cell system for vehicle propulsion Final technical report, 27 Jul. 1964 - 27 Jul. 1965	1965
19660067939	High-power traveling-wave multiple-beam klystron Twelfth quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660067940	Inelastic collisions between excited and unexcited cesium atoms	1965
19660067941	Counting of soil bacteria for determining type and condition of soil	1965
19660067942	Analysis of automobile exhaust gas when propane is used as the fuel	1965
19660067943	Climatic investigations in the tropics	1965
19660067944	Concerning the method of calculating Kp or ap - The planetary aspect of these indices /ques/	1965
19660067945	Occurrence of microorganisms in salt deposits /geomicrobiological investigations, Part III/	1965
19660067946	The relativistic problem of the bell crank	1965
19660067947	On piliform crystals	1965
19660067948	Physiology of strenuous physical work. Part II - Body temperature during and directly after heavy physical work	1965
19660067949	The physiological rationalization of the working sequence in various professions. Part I - Investigations on the physiological influence of physical work at very high and at moderate ambient temperature, specifically with respect to the working time	1965
19660067950	Determination of resistance of a flat plate at a zero attack angle in ultrasonic rarefied gas flow	1965
19660067951	Production and properties of sintered silver powder compacts	1965
19660067952	Dynamic characteristics of parameter perturbation adaptive control systems	1965
19660067954	Use of electron-probe microanalyzer for analysis of replica-extracted precipitates	1965
19660067955	Two-dimensional nonsteady flow in a progressive-wave plasma accelerator	1965
19660067956	General ideas about the physics of ionizing radiation	1965
19660067957	Geomicrobiological investigations. V - Utilization of mineral sulphates and heavy- metal tolerance by desulphurizers	1965
19660067958	Investigations on the short-time decay of some organic scintillators, on excitation with gamma-radiation, protons or alpha-particles	1965
19660067959	Form and effect of the arterial pulse	1965
19660067960	Geomicrobiological investigations. Part I - microbiological conditions in the late and postglacial sedimentary cycle of Wallensen	1965
19660067961	Geomicrobiological investigations. Part IV - Investigations on the microbial weathering of limestone in karst	1965
19660067962	Studies on the effect of weather on the proficiency in sports	1965
19660067963	Investigations on the microbe association in acid mine waters	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660067964	Structure and variations of the solar corona	1965
19660067965	On the temperature rise of the chromosphere through dissipation of turbulent flow of energy	1965
19660067966	Mechanics of forming optically plane surfaces in the polishing process	1965
19660067967	Mechanics of forming optical spherical surfaces in the polishing process	1965
19660067968	Low temperature photopolymerization of vinyl chloride using uranyl nitrate	1965
19660067969	Low temperature, photopolymerization of vinyl chloride using metallic salt	1965
19660067970	Solid state diffusion bonded tantalum alloy honeycomb panels Interim engineering progress report, 1 Jun. - 31 Aug. 1965	1965
19660067971	Physical and chemical properties of JP-4 jet fuel for 1964 Technical report, 1 Jan. - 1 Jul. 1965	1965
19660067972	APL technical evaluation of General Technology Corporation model 304-B rubidium frequency standard, serial number 149	1965
19660067973	Development of a manufacturing process for the production of .005 inch diameter beryllium wire Interim engineering progress report, 15 Jan. - 15 Sep. 1965	1965
19660067974	Carbonitrides of tantalum	1965
19660067975	Growth, physical properties, and optical spectra of CR plus 3 doped double oxide crystals Final scientific report, Feb. 15, 1964 - Apr. 30, 1965	1965
19660067976	Energy storage substation concepts for aircraft actuation functions First quarterly technical report, Jul. 1 - Sep. 31, 1965	1965
19660067977	SNAP 50/SPUR nuclear mechanical power unit program Quarterly technical progress report, Jul. 1 - Sep. 31, 1965	1965
19660067978	Equilibrium studies of refractory nitrides, Part I - Details of the apparatus and studies of the Ti-N system Summary technical report, 1 Jun. 1964 - 31 May 1965	1965
19660067979	High temperature extrusion lubricants First interim technical progress report, 15 Jul. - 15 Oct. 1965	1965
19660067980	Investigation of photopolymerization process quarterly report, 14 Jun. - 13 Sep. 1965	1965
19660067981	Manufacturing technology for large monolithic fiberglass reinforced plastic rocket motor case Interim engineering progress report, 1 May - 31 Jul. 1965	1965
19660067982	Tensile strength of brittle materials Final report, 15 Jan. 1964 - 15 Jan. 1965	1965
19660067983	Investigation of pulsating flow hydraulic concepts Final report, 1 May 1964 - 1 Jul. 1965	1965
19660067984	Self-cooled rocket nozzles Final technical report, 1 Jul. 1963 - 30 Apr. 1965	1965
19660067985	Stress corrosion cracking in martensitic high strength steels Final report, Jul. 1964 - Jun. 1965	1965
19660067986	Damping properties of viscoelastic materials under biaxial stress Summary report, Jul. 1963 - Oct. 1964	1965
19660067987	Development of a microelectronics processor Interim engineering progress report, 1 May - 31 Jul. 1965	1965
19660067988	Tantalum and molybdenum brazing techniques Summary technical report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660067989	Analysis of the influences of different parameters on a reaction jet single-axis satellite attitude control system Technical report, Mar. - Jun. 1965	1965
19660067990	Research on the influence of gravity on unicellular organisms, and the optimization of the ultraviolet flying-spot microscope for living cell observations Semiannual status report, Apr. 1 - Oct. 1, 1965	1965
19660067991	A review of research on low cycle fatigue	1965
19660067992	A theoretical study of meteoric trajectories and processes, including examination of the incidence and characteristics of photographic meteors by reduction of about 600 data points Semiannual progress report no. IV, DEC. 1, 1964 - May 31, 1965	1965
19660067993	Solar-wind damage to spacecraft thermal control coatings Technical summary report, 20 Jun. 1964 - 20 Jul. 1965	1965
19660067994	Radar sensing for geoscience purposes Monthly progress report, 1 Aug. - 1 Sep. 1965	1965
19660067995	Experimental investigation of the mechanism by which freezing or drying and associated effects affect living cells Quarterly status report, period ending Sep. 30, 1965	1965
19660067996	Q-switching of molecular gas lasers and its use in the study of relaxation phenomena	1965
19660067997	Bistatic-radar measurements of interplanetary collisionless shock waves Scientific report no. 9	1965
19660067998	The absolute magnitude of the magnetic star HD 34452	1965
19660067999	Spectroscopy and solid state quantum electronics at optical and infrared wavelengths Semiannual status report no. 6, Apr. 1 - Sep. 30, 1965	1965
19660068000	Development of improved sterilizable potting and encapsulating compounds for space applications Seventh quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660068001	Evaluation program for secondary spacecraft cells. Evaluation of C and D Batteries Division, Eltra Corporation 5.0 ampere-hour lead calcium cells	1965
19660068002	Solid propellant ignition studies Final report, Feb. 1 - Sep. 1, 1965	1965
19660068003	Development of manufacturing procedures for a new high-strength beta titanium alloy having superior formability Interim engineering progress report, 1 Aug. - 31 Oct. 1965	1965
19660068004	Detailed performance evaluation of the Mark V self-excited rocket driven MHD GENERATOR Final technical report	1965
19660068005	System effects on propellant storability and vehicle performance Second quarterly report, 24 Jul. - 23 Oct. 1965	1965
19660068006	Development of manufacturing processes for reinforced plastic solid propellant rocket nozzles Final report, 1 May 1963 - 30 Sep. 1965	1965
19660068007	Shielded ceramic composite structure Final report, 1 Jun. 1963 - 18 Jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068008	Aerodynamic deployable decelerator performance-evaluation program	1965
19660068009	Vaporizing and endothermic fuels for advanced engine application. Part II - Studies of thermal and catalytic reactions, thermal stabilities and combustion properties of hydrocarbon fuels Technical documentary report, Jun. 1964 - Jun. 1965	1965
19660068010	Stanford Electronics Laboratories quarterly research review no. 13, 1 April - 30 June 1965	1965
19660068011	Theoretical investigation of the interaction of a system of two-mass viscoelastic dampers with a vibrating structure Final report, Oct. 1964 - Apr. 1965	1965
19660068012	New switching concepts Fourth quarterly progress report, 1 Mar. - 31 May 1965	1965
19660068013	Weldability of tantalum alloys Technical report, Jun. 1, 1964 - Jul. 31, 1965	1965
19660068015	Compensation of interference in carrier- frequency receivers by means of a parallel receiver connected in opposition	1965
19660068016	Diffusion bonding of titanium and beryllium Interim engineering progress report, 1 Jul. - 30 Sep. 1965	1965
19660068018	Development and/or establishment of processes to fluxless braze complex structures of aluminum alloys Interim engineering progress report, 15 Jun. - 15 Sep. 1965	1965
19660068020	Photolysis of CF ₃ I in the presence of O ₂ and NO	1965
19660068021	Development of hydrothermal method for growing single crystals of high purity beryllium oxide and lead metaniobate Technical report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660068022	Process development of refractory metal sheetbar Interim engineering progress report, 15 Oct. 1964 - 15 Oct. 1965	1965
19660068023	Investigation and development of techniques to extend the utility of pack processes and compositions for coating molybdenum and columbium alloys Summary report, Jun. 1964 - Jun. 1965	1965
19660068025	Experimental studies of reinforcing brain stimulation, including consideration of behavioral consequences Progress report, 1 Apr. 1963 - 1 Nov. 1965	1965
19660068026	Research on thermal protection systems for cryogenic propellants on interplanetary space vehicles First quarterly progress report, 21 Jun. - 21 Sep. 1965	1965
19660068027	Liquid rocket system conjugate structure and tankage program First quarterly written progress report, 1 Jul. - 30 Sep. 1965	1965
19660068028	The application of vibrational energy to the drawing of metallic materials Interim engineering progress report, 1 Jun. - 31 Aug. 1965	1965
19660068029	An iterative viscous-inviscid computer program with users manual Final report, Apr. 1962 - Jun. 1964	1965
19660068030	Development of rolling process for titanium compressor blades Fourth interim engineering progress report, 1 Jun. - 31 Aug. 1965	1965
19660068031	Ultraviolet absorption and luminescence investigations	1965
19660068032	Brain amino acids and biogenic amines under various atmospheric mixtures Semiannual report, 1 Mar. - 31 Jul. 1965	1965
19660068033	Development and testing of porous ionizer materials	1965
19660068034	Launch operations plan for ISIS-X Project	1965
19660068036	12.8 mu emission from planetary nebulae	1965
19660068038	Manned Mars surface operations - Research and technology implications Final report	1965
19660068039	Manned Mars surface operations Summary technical report /final/	1965
19660068040	Manned Mars surface operations Final detailed technical report	1965
19660068041	Pyrolytic reinforcements for ablative plastic composites Final technical report, 15 Mar. 1963 - 31 Dec. 1964	1965
19660068044	Design criteria for radiation resistant transducers in cryogenic environments Final report, Jun. 1963 - Dec. 1964	1965
19660068045	Polyolefinic moisture-proof packaging film, 1 January - 31 March 1965	1965
19660068046	Asymmetric electronic transitions and photochemistry Quarterly technical status report, 1 Feb. - 30 Apr. 1965	1965
19660068050	TREAT system of six digital computer programs for the acquisition, processing, and presentation of component radiation effects data, Volume II PREDICT final report, 1 Jul. 1964 - 1 May 1965	1965
19660068051	Evaluation of composite materials for gas turbine engines Interim engineering progress report, 1 Apr. - 30 Sep. 1965	1965
19660068052	Program for the exploratory development of a contact ionization thruster Final report, Feb. 1964 - Mar. 1965	1965
19660068053	Research in high temperature plasma Semiannual technical report, Jan. - Jun. 1965	1965
19660068054	The effect of temperature on cycle dependent deformation Summary report, 15 Jun. 1963 - 15 Jun. 1964	1965
19660068055	Fracture toughness, fatigue and corrosion characteristics of 7075-T651, 7075-7351 and 7079-T651 aluminum alloys Final report, Jun. 1963 - Apr. 1965	1965
19660068056	Air pressure measurement in the rarefied gas transition region Final report, Apr. 1964 - Mar. 1965	1965
19660068058	Electrochemical studies in the synthesis of N-F compounds Quarterly status report no. 10, 1 Apr. - 30 Jun. 1965	1965
19660068059	Supercavitating flow about tandem foils and struts	1965
19660068060	Summer Institute in Space Biology Final report, 1 Sep. 1964 - 30 Sep. 1965	1965
19660068061	Theoretical analysis for deriving mathematical mass-spring models of various partially filled propellant tanks Final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068063	Investigation of radar and microwave radiometric techniques for geoscience experiments which may be carried out in manned orbiting spacecraft Quarterly progress report, 1 Mar. - 31 May 1965	1965
19660068079	Matrix methods in non-linear damping analysis Summary report, Oct. 1961 - Jun. 1964	1965
19660068080	Interface damping at riveted joints. Part II - Damping and fatigue measurements	1965
19660068081	Chemistry and synthesis of multifunctional chemical compounds Summary technical report, 1 May 1964 - 30 Apr. 1965	1965
19660068082	An enzymic concept for CO2 control in closed environmental control systems Interim report, Nov. 1964 - Mar. 1965	1965
19660068083	Development of composite structural materials for high temperature applications Progress report, 23 May - 22 Aug. 1965	1965
19660068084	Applied research in thin-film field-emission tubes Eleventh quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660068086	Investigation of the nature of structural damage in metal-forming processes Quarterly report, 19 Apr. - 18 Jul. 1965	1965
19660068087	A generalization of Newtonian aerodynamic theory to include viscous effects	1965
19660068091	Design and development study for manned space flight operations control and support Monthly progress report no. 16, Jul. 1963	1965
19660068092	A study of electrode effects in crossed field accelerators Fifth quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660068093	Research on satellite electrical power conversion systems and circuit protection Eighth semiannual status report, 1 Feb. - 31 Jul. 1965	1965
19660068094	Components irradiation test capacitors	1965
19660068095	Low weight focusing schemes for TWT First quarterly progress report, 3 May - 3 Aug. 1965	1965
19660068097	Investigation of organic semiconductors	1965
19660068099	Conductive transparent thermoplastic films First progress report, 15 Dec. 1964 - 15 Jun. 1965	1965
19660068100	Continuous identification of the parameters of space vehicle dynamics Interim technical report	1965
19660068102	Compatibility of structural materials with high performance O-F liquid oxidizers Quarterly progress report, 15 Apr. - 15 Jul. 1965	1965
19660068103	Beryllium ingot sheet	1965
19660068104	Lead-calcium sulfuric acid batteries and their application to Minuteman	1965
19660068105	Effects of neutron irradiation on propagation delay time in selected Motorola integrated circuits	1965
19660068106	Liquid metal embrittlement Interim report, Aug. 1965	1965
19660068107	Abstracts of the 2nd interagency chemical rocket propulsion group combustion conference	1965
19660068108	Lightning electromagnetic environment and laboratory reproduction techniques /applications in hazard reduction researches for aerospace vehicle system/	1965
19660068109	Eglin Gulf Test Range reference atmosphere for Eglin AFB, Florida, Part I	1965
19660068110	Program plan, Manned Orbiting Laboratory - Heat Shield Qualification /MOL-HSQ/ Final report	1965
19660068112	The biaxial tensile properties of plastic propellant	1965
19660068113	10 - 22 deg K cryosorption of helium on molecular sieve 5A and hydrogen on condensed vapors	1965
19660068114	Catalogue of unclassified reports and technical notes issued by aerodynamics department in 1964	1965
19660068115	The role of oxygen in the brittle behavior of metals Twelfth progress report, 1 Mar. 1964 - 31 May 1965	1965
19660068116	Study of high current density cathodes Final report	1965
19660068117	Thermal conductivity-temperature relationship for nine glass and asbestos fiber-reinforced aircraft plastics	1965
19660068118	Thermoelectric power conversion feasibility Final technical summary report, 26 Jun. 1964 - 25 Jun. 1965	1965
19660068119	A transistorised Toeppler pump control	1965
19660068120	Lighting of very high voltage spark gaps by means of light triggering	1965
19660068121	Weak first-order waves in incompressible perfectly elastic solids	1965
19660068122	A comparison of electrical generating system busbar disturbances which occur when the same type of load is switched by various types of switch gear	1965
19660068123	Construction of thermoelectric heat flowmeters Final report, Feb. 1963 - Feb. 1965	1965
19660068124	Concerning some features of the curves of occurrence-frequency of pc's at observatories in the equatorial zone	1965
19660068125	A computer program to analyze statistical data	1965
19660068128	Supporting research and development for photo-tape strip camera development Interim report	1965
19660068130	Strain-gage transducer shunt calibration data analysis and correlation	1965
19660068131	Static testing of Bomarc destruct system Test report	1965
19660068132	Studying the effect of factors causing separation of siloxane bonds on the process of repolymerization of siloxane. III - Effect of hydroiodide on cyclic and linear polysiloxane	1965
19660068133	Information on microelectronics for Navy equipments	1965
19660068134	Sound field of a pulsed plane transducer Research and development report, Mar. - Jun. 1965	1965
19660068135	Category II climatic evaluations of F-5A aircraft	1965
19660068136	Methods to determine test parameters for ultrasonic inspection of welds	1965
19660068137	Wide dynamic range surveillance camera	1965
19660068138	Thermal stress analysis of sandwich cylinders	1965
19660068139	Investigation of the high speed axial flow turbine //An investigation of the annular turbine-nozzle cascade/	1965
19660068140	Proceedings of the Conference on Atmospheric Limitations to Optical Propagation	1965
19660068141	Optical propagation studies	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068142	An experimental study of the glory phenomenon	1965
19660068143	Laser propagation in the atmosphere	1965
19660068144	Infrared absorption computed for a slant path through the atmosphere	1965
19660068145	Saturation and electrostriction in optical propagation	1965
19660068146	Deterioration of the coherence properties of a laser beam by atmospheric turbulence and molecular scattering	1965
19660068147	Effect of surface reflection on the propagation of optical contrasts	1965
19660068148	Some experiments on forward scattering in the lower atmosphere	1965
19660068149	Consideration of atmospheric turbulence in laser systems design	1965
19660068150	Multiple scattering of optical radiation with applications to laser communications	1965
19660068151	Problems involved in calculating atmospheric slant path transmission in the 15 μ CO ₂ band	1965
19660068152	Long range projection of interferograms through a protected atmosphere	1965
19660068153	The distribution of natural atmospheric aerosol particles and their effect on the transmission of light	1965
19660068154	The effect of wave front distortion on the performance of an ideal optical heterodyne receiver and an ideal camera	1965
19660068155	Optical propagation in the atmosphere at low altitudes - Theoretical evaluation and experimental determination of the phase structure function	1965
19660068156	Stimulated Raman scattering in air	1965
19660068157	Heterodyne measurements of light propagation through atmospheric turbulence	1965
19660068158	Determination of atmospheric transmissivity from laser backscatter measurements	1965
19660068159	Optical processing of information	1965
19660068160	Demonstration of telescope for the recording of high-frequency stellar scintillation and dancing	1965
19660068161	Meteorological variables affecting turbulent propagation characteristics	1965
19660068162	Correction of optical distance measurements through the inhomogeneous atmosphere	1965
19660068163	Feasibility model for a laboratory simulator of optical turbulence	1965
19660068164	Coherent and incoherent scattering from distributed arrays of scatterers	1965
19660068166	Coherence in long range laser beams	1965
19660068167	The schlieren interferometer and its application to air index measurements	1965
19660068168	Atmospheric dry air density measurements by the absorption of vacuum-ultraviolet radiation	1965
19660068169	Atmospheric breakdown limitations to laser propagation	1965
19660068170	On the detection of atmospheric aerosols using a ruby laser source	1965
19660068171	Determination of intergranular corrosion with eddy currents	1965
19660068172	Radio emission in the direction of clusters of galaxies	1965
19660068174	Removal of integrated circuit packages from multilayer boards Final report	1965
19660068176	Columbium, tantalum, and molybdenum Review of recent developments	1965
19660068177	Communication by electrical stimulation of the skin Final progress report, 1 Nov. 1962 - 31 Mar. 1965	1965
19660068178	Drag characteristics of three ballute decelerators in the wake of the ALARR payload at Mach numbers 2 to 4	1965
19660068180	Study of multipurpose mission module. Costs	1965
19660068181	Basic engineering studies of techniques for acceleration of a particle to hypervelocity by an electrically heated propellant plasma Status report, Mar. 1 - Sep. 1, 1965	1965
19660068182	Criteria for cryogenic liquid experiments in orbit Interim report	1965
19660068183	A preliminary investigation of duration discrimination	1965
19660068184	Review on uniaxial and biaxial low cycle fatigue	1965
19660068185	Development of a family of logic circuits, ECRDC project T75 Progress report, Nov. 1 - Aug. 31, 1965	1965
19660068187	Metalloxane and metalloxane-siloxane polymers	1965
19660068189	On the elastohydrodynamic film and pressure profile of high pressure face seals	1965
19660068190	A limit approach to the prevention of pressure vessel failure	1965
19660068191	A micrometeorological data-handling system and some preliminary results	1965
19660068192	Comparison of loads in Nimbus A spacecraft calculated using spacecraft/launch vehicle modal response with spacecraft design loads Final report	1965
19660068193	IMP III Final report, Nov. 1964 - May 1965	1965
19660068194	A dynamic stability balance for hypervelocity /hotshot/ tunnels	1965
19660068195	Electron microscope observation of the fission-gas bubble distribution in UO ₂	1965
19660068196	Assessment of the Loran C navigation system and the AN/ARN-76 receiver in a Vulcan aircraft	1965
19660068197	Aerodynamically induced resonance in rectangular cavities	1965
19660068198	The effect of laser energy on cells in tissue culture Annual progress report, 1 Feb. 1965 - 31 Jan. 1966	1965
19660068199	Airborne signal density measurements Final report, 1 Aug. 1964 - 31 May 1965	1965
19660068200	Extension of A. N. Krylov's method to polynomial matrices	1965
19660068202	Arc heater screening of ablative plastics Technical report, Jan. 1960 - Jan. 1964	1965
19660068203	Estimating the lifetimes of satellites in low, near-circular orbits	1965
19660068206	Evaluation of engine performance analysis equipment Fourth report /final/	1965
19660068207	Modular multi-purpose space station study Final oral presentation	1965
19660068209	LEM utilization study for Apollo extension system missions. Appendix to Volume VI - Cost analysis Final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068210	LEM utilization study for Apollo extension system missions. Volume I - Summary Final report	1965
19660068211	Development of extruding, drawing, and heat treating processes for thin steel extrusions Interim engineering progress report no. 1, 1 Jul. - 30 Sep. 1965	1965
19660068213	Proposed irradiation tests of sample WLCE OPTICAL materials	1965
19660068214	Study of multipurpose mission module, baseline design, volume I	1965
19660068218	Propellant toxicity and diffusion prediction methods	1965
19660068219	Positive displacement low rate fuel flowmeter	1965
19660068220	Protective coatings for steel piling - Correlation of results of parallel test exposures at Port Hueneme and Guam Technical report, Aug. 1955 - Mar. 1963	1965
19660068223	An inverter for optimization studies of a fuel-cell system, September 1964 - January 1965	1965
19660068224	Research on phototropic behavior of materials for flash-blindness protection Final report	1965
19660068225	Research and development program on an electrochemical adaptive system for pattern recognition Quarterly progress report	1965
19660068226	Field intensity probe instrumentation Interim report, 20 Nov. 1964 - 30 Apr. 1965	1965
19660068227	A review of the "jet upset" problem	1965
19660068228	Application of numerical techniques to experimentally model an aerodynamic function	1965
19660068229	Computer experiments on ion-molecule reactions	1965
19660068231	Saturable dye optical switch investigation First quarterly report 1 Apr. - 30 Jun. 1965	1965
19660068232	Numerical experiments with several iterative methods for solving partial difference equations Interim technical report no. 6	1965
19660068233	Numerical experiments with partial and multiple coherence	1965
19660068234	Fluorine oxidizers Quarterly technical summary report no. 9, 1 Jun. - 1 Sep. 1965	1965
19660068236	Frequency converter units for L-band, S-band, C-band, and X-band Final development report, 1 Jul. 1963 - 31 May 1965	1965
19660068238	The Fort Huachuca climate calendar Final report	1965
19660068239	Compilation of nuclear, pulsed, and space radiation effects projects	1965
19660068240	A traversing orifice-hot-wire probe pair for use in wall pressure correlation measurements	1965
19660068241	Apollo checkout system study Quarterly report	1965
19660068243	Mechanized reproduction of circuitry on printed circuit boards Final report	1965
19660068244	Researches on - 1 - Model earth. 2 - Interpretation of gravity anomalies Final technical report, 1 Aug. 1964 - 31 Jul. 1965	1965
19660068245	Research and development on the effect and control of chatter vibrations in machine tool processes Interim engineering progress report, 1 Jul. - 30 Sep. 1965	1965
19660068246	An investigation of nitrogen absorption by nitrogen tetroxide in a nitrogen pressurized rocket engine propellant tank	1965
19660068247	Investigation of an airborne laser test datum for height measurement	1965
19660068250	A survey of finite codes for pulse compression and synchronization	1965
19660068252	An assessment of the efficiencies and component sizes of nuclear closed-cycle gas turbines of 250MW output, using argon and helium	1965
19660068254	Low-speed wind-tunnel tests on the effect of planform design, and camber and twist, on sweptback wing characteristics	1965
19660068255	Atmospheric nuclear radiation distributions	1965
19660068256	Large-scale slush-hydrogen-production experiments	1965
19660068257	Multipurpose instruments with photoprinting devices	1965
19660068258	A mechanical model for estimating the motion of low altitude satellites with respect to the earth's surface	1965
19660068260	Micrometeorological measurements of wind components and temperature variability at Suffield, Alberta	1965
19660068261	Determining the power required by plasma of a high frequency ion source	1965
19660068262	Model study of ionosphere perturbations and propagation between two sites Quarterly report, 1 Jul. - 1 Oct. 1965	1965
19660068263	Electromagnetic shaping and its possibilities	1965
19660068264	Electric probes for measuring thermal parameters of liquids and soft materials	1965
19660068265	Reinforced plastics	1965
19660068267	The derivation of an electrical equivalent circuit for a fuel cell system, January - November, 1964	1965
19660068268	Further investigations on wrought complex Al-Zn-Mg-Cu alloys Final technical status report, 1 Jul. 1964 - 31 Jul. 1965	1965
19660068269	Theory of chemical exchange effects in magnetic resonance	1965
19660068270	A low temperature MHD power generation experiment using "seeded" inert gas. Part I - Rig design	1965
19660068271	A linear gate and integrator	1965
19660068272	The effect of impregnation with 10B and 11B on the elevated temperature tensile properties of an irradiated austenitic steel	1965
19660068273	Automatic data recording systems for supersonic wind tunnels at R.A.E. Bedford	1965
19660068274	The drift of an auto-pilot gyroscope due to prolonged acceleration in the Skylark rocket Part 2 - Results from Skylarks SL27/28	1965
19660068277	Self-adaptive flight control by multivariable parameter identification Final technical report, 1 Jun. 1964 - 1 Jul. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068280	The AFWL ROC-VTS computer code Technical report, 1 Nov. 1962 - 1 May 1965	1965
19660068282	A comparison of the lifting-surface corrections calculated by different methods for three propeller designs	1965
19660068283	A development program to provide criteria for the design and manufacture of thermally stable flexible linear shaped charge systems Final report	1965
19660068284	Application of oxide coating to magnetic memory disks Final report	1965
19660068285	Design of an open branch interferometer in the 35 Gc band	1965
19660068288	Improved computer programs - DEPROSS 1, 2, and 3 - to calculate the dynamic elastic- plastic two-dimensional responses of impulsively-loaded beams, rings, plates, and shells of revolution	1965
19660068291	Research and development to obtain semiconductor mixer diodes for use in frequency converters Quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660068292	A neutron diffraction study of cerium dioxide at room temperature	1965
19660068293	Particular examples of slotted wall tunnel interference in steady flow	1965
19660068295	The next step in space travel	1965
19660068296	The longitudinal coupling factor of piezoelectric ceramics	1965
19660068298	Kinetic investigation of the NF and NF ₂ RADICALS Interim technical report	1965
19660068299	Multivariable studies of nonwoven fabrics	1965
19660068300	Effect of rocket engine combustion on chamber materials. Part II - Two-dimensional computer program Final report, 1 Jun. 1964 - 31 May 1965	1965
19660068301	Emission characteristics monitor /microwave region/ Quarterly progress report, 1 Apr. - 1 Jul. 1965	1965
19660068302	The B/GSR module - A technic for the combined recording of base skin resistance and galvanic skin reflex activity	1965
19660068303	Evaluation of an intumescent paint as a fire retardant covering	1965
19660068304	Conservation laws and microscopic stability of the plasma	1965
19660068305	Linear antenna symmetrically driven with respect to a spherical satellite	1965
19660068306	Radiation sources for radiation vulcanization and irradiation of elastomers	1965
19660068307	Reformulation of the inhour equation to take ARGOSY 3-group data	1965
19660068308	Studies on shock wave pressure gauges. VIII - The pressure pulsing unit	1965
19660068309	Satellite communications terminal AN/MSC-46 QUARTERLY progress report, 16 Apr. - 15 Jul. 1965	1965
19660068310	Optimum control of climb of VTOL /Vertical Take-Off and Landing/ aircraft with mobile thrust axis	1965
19660068311	Mechanism and kinetics of the formation of ferrites	1965
19660068312	Measuring the radiation pattern of focused- beam antennas through the use of ground reflection	1965
19660068319	A note on L-band observations with high range resolution /U/	1965
19660068322	Sensitivity fundamentals /U/ Quarterly technical progress report, Mar. 15 - Jun. 14, 1965	1965
19660068323	Development of high-frequency seismic wave exploration techniques /U/ Final report, 1 Dec. 1964 - 31 Jul. 1965	1965
19660068324	Follow-on propellant extinguishment program /U/ First technical progress report, 16 Jun. - 30 Sep. 1965	1965
19660068325	Surface alteration and very-thin coatings of crystalline explosives to obtain safety, stability, and physical effects /U/	1965
19660068327	Propagation measurements with the earshot system /U/ Final report, period ending, 18 Sep. 1964	1965
19660068328	Pressure and heat-transfer distributions on an AFFDL high lift-to-drag ratio re-entry configuration at angles of attack for free- stream Mach number of 19 and unit Reynolds number to 600,00 per foot /U/	1965
19660068329	Sailwing trajectory analysis, phase II /U/ Technical report, 15 May - 30 Aug. 1965	1965
19660068331	Research in fluorine chemistry /U/ Progress report, 1 May - 15 Sep. 1965	1965
19660068332	CX-6 V/STOL assault transport support system study. Volume II, section VII - Human factors /U/ Final report, 19 Jan. - 5 Aug. 1965	1965
19660068333	CX-6 V/STOL assault transport support system study. Volume V - Program planning /U/ Final report, 15 Feb. - 15 Aug. 1965	1965
19660068335	Aerodynamic Nozzle Study, Volume II /U/ Interim Report, 1 Aug. 1964 - 30 Apr. 1965	1965
19660068338	Study of Spacecraft Propulsion Systems for Manned Mars and Venus Missions. Appendix a - Supporting Industry Data /U/	1965
19660068346	Experimental Investigation of Containment of a Heavy Gas in a Jet-driven Light-gas Vortex	1965
19660068347	Experimental Investigation of the Effect of Heavy-to-light-gas Density Ratio on Two-component Vortex Tube Containment Characteristics	1965
19660068348	Analytical and Experimental Investigation of Flow Control in a Vortex Tube by End-wall Suction and Injection	1965
19660068349	Multifunctional Auxiliary Propulsion Module Study Program /U/ Final Report	1965
19660068356	260-in.-dia Motor Feasibility Demonstration Program. Static Test Firing of Motor 44-SS-3 /U/ Final Report	1965
19660068357	Study of the Application of Advanced Solid and Hybrid Systems to Space Missions /U/ Research Contract Status Report No. 7, 11 Aug. - 11 Sep. 1965	1965
19660068358	Proportional Solid Propellant Secondary Nozzle Injection Program /U/ Progress Report No. 19, Jan. 1 - 31, 1965	1965
19660068359	Improved Delta TIROS OT-2 Mission Orbit Error Analysis /U/	1965
19660068361	Development of Pelletized Propellant /U/ Third Quarterly Technical Progress Report, 1 Jan. - 31 Mar. 1965	1965
19660068362	Study for Evaluation of Plug Multichamber Configuration, Phase I /U/ Final Report	1965
19660068363	J-2 Program /U/ Quarterly Progress Report, Period Ending 28 Feb. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068364	Launch Vehicle No. 2, Flight Evaluation /U/	1965
19660068365	The effects of strain rate, neutron dose and irradiation temperature on the tensile properties of nimonic PE16	1965
19660068366	Exo-electron emission from ionic crystals	1965
19660068367	A shock tube study of pressure build up in adits	1965
19660068368	Improved 16 mm film magazines for aircraft cameras	1965
19660068370	Program 624A quarterly reliability and quality assurance report. Volume I - Reliability	1965
19660068371	Purity of liquid fuels	1965
19660068372	Program budgeting for space activities	1965
19660068373	Ultrasonic equation of state of iron. I - Low pressure, room temperature	1965
19660068374	Pacific missile range reference atmosphere for Point Arguello, California, part I	1965
19660068376	The effects of ballistic modifiers and other additives on the mechanism of propellant combustion Progress report, quarter ending Aug. 10, 1965	1965
19660068377	Local seismicity investigations for on-site inspections Quarterly report, 1 Apr. - 30 Jun. 1965	1965
19660068378	Measurements of ground level irradiance from the night sky	1965
19660068379	Measurement of the absolute differential cross-section in proton-carbon elastic scattering at 145 MeV	1965
19660068380	Measurement of radioactivity in soil	1965
19660068383	A critical study of some properties of linear antenna arrays	1965
19660068385	Calculation of optical transfer functions from lens design data	1965
19660068386	Optimum design of RC oscillator	1965
19660068387	On the structure of the systems of sources of electric and magnetic multipole emission	1965
19660068388	On the theory of ferromagnets with helical structures. V - Effect of magnetic field on dispersion of neutrons	1965
19660068391	Research directed toward the use of long - period and intermediate-period seismic waves for the identification of seismic sources Annual technical report no. 1	1965
19660068392	On the post-critical deformation of conical shells under torsion	1965
19660068394	An investigation and calibration of a device for the generation of turbulent flow at the inlet of a turbojet engine	1965
19660068395	A feasibility study of electrokinetic processes for stabilization of soils for military mobility purposes. An analysis of the electroosmotic phenomenon in soil capillary systems	1965
19660068396	Embrittlement of silver chloride by copper chlorocomplexes Fifth technical report	1965
19660068397	A compound for coating oxide cathodes	1965
19660068398	Variation resistant matrices and the Newton- Sylvester theorem Final technical report, 1 Jun. 1964 - 31 Aug. 1965	1965
19660068400	Analysis of turbulent, reacting wakes. I - Asymptotic behavior of stochastic integrals	1965
19660068401	Exciton absorption in the presence of excited F centers //I/ Technical report no. 4	1965
19660068402	Basic thin film transistor parameters and their measurement Interim technical report	1965
19660068403	Some variational principles in plate bending problems	1965
19660068404	Gas lubricated bearings A selected annotated bibliography, 1959 - Jun. 1965	1965
19660068405	Strain-rate effects in propagation of torsional plastic waves	1965
19660068407	Operational meteorological support to U.S. ARMY RDT&E activities Annual report, fiscal year, 1965	1965
19660068408	Development of an improved manufacturing process for the hot extrusion of alloy steel structural shapes Interim engineering progress report, 1 Jun. - 31 Aug. 1965	1965
19660068409	Dynamic stresses in a thick elastic cylinder subject to transient pressure loadings. Volume II - discussion of computer program	1965
19660068410	Single crystals of ferrite and ferroelectric materials Third quarterly progress report 16 May - 15 Aug. 1965	1965
19660068413	Wide angle optical projection system, part II FINAL research report	1965
19660068414	Investigation of thermodynamic properties of rocket combustion products Second quarterly technical report, 1 Jul. - 1 Oct. 1965	1965
19660068416	Electromagnetic production of shock waves and interaction of shock waves with electromagnetic fields	1965
19660068417	The integrity of a civil blind landing system with particular reference to the azimuth channel, part I and part II	1965
19660068418	An introduction to magnetic recording	1965
19660068419	Ultraviolet phosphor development for an active optical imaging system Final development report, 13 Jun. 1964 - 15 Jun. 1965	1965
19660068420	Ion thruster program Final report	1965
19660068421	Flow field calculations for a blunted cone	1965
19660068422	HELIOS - Considerations for the production and containment of a high-temperature plasma	1965
19660068424	The photo electron method as a tool in atomic and solid state physics Final technical report, 1 Jun. 1964 - 31 May 1965	1965
19660068425	Some topics on limiters and FM demodulators	1965
19660068427	Circular polarization of Jupiter's decimeter radiation	1965
19660068429	Synthesis of noncommercially available compounds First annual summary report, 15 May 1964 - 14 May 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068430	A synthesis procedure for certain networks of transmission lines with reactive terminations Second technical report	1965
19660068431	Thin film thermistor temperature sensor Final report	1965
19660068433	Physical properties of normal butyl esters of 2,4-D, 2,4,5-T, and "Orange"	1965
19660068434	Photic stimulation - The activation response simulated helicopter photic stimulation - EEG activation and subjective sensation Final report	1965
19660068435	Class II meteor burst communications research Final report, 1964	1965
19660068436	Applicability of olfactory transducers to the detection of human beings Semiannual technical report, 1 Feb. - 31 Jul. 1965	1965
19660068437	Cage-like silicon compounds	1965
19660068438	Drug effects in complex repertoires in monkeys, baboons and man Semiannual report Nov. 1, 1964 - Jun. 1, 1965	1965
19660068439	Development of two X-band variable gain TWTs /one low level and one medium level/ Interim development report, 1 Apr. - 30 Jun. 1965	1965
19660068440	Technological Development of Throttling a Hybrid Propulsion System /U/ Third Quarterly Progress Report, 29 Mar. - 30 Jun. 1965	1965
19660068444	Saturn Launch Vehicle Apollo Extension System Experiment Integration Study. Volume I - Launch Vehicle and Experiment Configuration Summary /U/	1965
19660068445	Program for Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor /U/ Monthly Technical Progress Report No. 11, May 1 - 31, 1965	1965
19660068447	Aerodynamic Nozzle Study. Volume I - Summary /U/ Interim Report, Aug. 1, 1964 - Apr. 30, 1965	1965
19660068448	J-2 Program /U/ Monthly Progress Report, Period Ending 31 Jan. 1965	1965
19660068449	Feasibility Study of Beryllium-fueled Propellant in the Advanced Surveyor Retro Motor /U/ Final Report	1965
19660068451	Study of the Application of Advanced Solid and Hybrid Systems to Space Missions /U/ Monthly Status Report, 11 Jun. - 11 Jul. 1965	1965
19660068452	Thiokol Chemical Corporation Surveyor /U/ Final Report	1965
19660068453	Program for Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor /U/ Monthly Technical Progress Report No. 13, Jul. 1 - 31, 1965	1965
19660068456	Development of Pelletized Propellant /U/ Final Technical Report, 1 Jul. 1964 - 30 Sep. 1965	1965
19660068470	Study of crossed-field reentrant beam electron devices /magnetron and amplifron/ Twenty- second quarterly progress report, 15 Sep. - 14 Dec. 1964 /Final report, 15 Jun. 1959 - 14 Mar. 1965	1965
19660068471	Study to develop system criteria for reusable launch vehicle concepts. Volume II - Research and technology implications Final report	1965
19660068472	The Weibull statistical distribution as applied to brittle fracture Technical report, Nov. 1964 - Mar. 1965	1965
19660068473	T-33 aircraft investigations of fuel system malfunctions	1965
19660068474	Engineering methods for the analysis of viscous interaction	1965
19660068475	Weldability studies of a production 12-percent nickel maraging steel	1965
19660068476	Wide angle optical projection system, part one Final research report	1965
19660068478	Quasilinearization and nonlinear boundary- value problems	1965
19660068479	Basic research in microwave devices and quantum electronics Quarterly progress report no. 9, May 1 - Aug. 1, 1965	1965
19660068481	The development of resistance jet thruster systems Monthly progress report no. 12	1965
19660068483	Helios design studies Combined quarterly reports, periods ending 15 Jun. and 15 Sep. 1965	1965
19660068484	Research on the generation and propagation of water waves produced by underwater explosions - Part IV - A generalized method for predicting the surface water wave spectrum, Volume 2 Final report	1965
19660068485	Water tunnel measurements of skin friction on a compliant coating	1965
19660068487	Haystack pointing system - Belt	1965
19660068488	Anti-flash shutter for use in XM 112 telescope Final report	1965
19660068489	Generation of controlled current pulses for welding applications	1965
19660068490	Nuclear safety considerations in fabrication of massive partially enriched uranium- molybdenum reactor parts	1965
19660068492	A research facility for the study and preparation of ultrapure materials	1965
19660068493	Reproducibility studies of preparation of a LiF dosimetric material	1965
19660068496	Mathematical model for predicting coated- particle behavior	1965
19660068497	The effect of horizontal fluctuations on photospheric mean values	1965
19660068498	Pressure dissociation and the hydrogen molecular ion	1965
19660068499	Variational principles and perturbation theory	1965
19660068500	Investigation of the effect of composition on weld metal susceptibility to cold cracking Final technical report, 1 Jan. - 31 Mar. 1965	1965
19660068501	Companion studies of shielding techniques Supplementary report no. 2, 1 Mar. - 31 Oct. 1964	1965
19660068502	Investigation of a method for attenuating plane waves in bars	1965
19660068506	High purity, fine particle elemental boron Final technical report, 19 Oct. 1964 - 19 Jul. 1965	1965
19660068507	Ion-solvent interaction in low dielectric solvents Final technical report	1965
19660068508	Improved radiator coatings, part II TECHNICAL report, Apr. 1, 1964 - Apr. 1, 1965	1965
19660068509	Fit check and flight test of universal air refueling drogue First report /final/, 11 May - 4 Sep. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068510	First helicopter especially adapted to close combat support /the Sud Aviation SA-330/	1965
19660068512	Measurements of proton-nucleus triple scattering parameters near 140 MeV	1965
19660068513	A Fortran programme for isotopic analysis by mass spectrometry	1965
19660068514	Hot gas servo control systems for missiles, volume I Final report, Mar. 1962 - Mar. 1965	1965
19660068515	Digital simulation for satellite attitude determination and control	1965
19660068516	Assessment of polymers for aerospace applications	1965
19660068517	Investigation of mechanisms for oxidation protection and failure of intermetallic coatings for refractory metals Final summary report, 1 Jul. 1962 - 1 Jul. 1965	1965
19660068518	Development tests of turbojet simulators	1965
19660068519	Accelerator pulsed fast assembly Final report, 1 Oct. 1963 - 31 Dec. 1964	1965
19660068520	Interservice Data Exchange Program /IDEP/ FINAL report	1965
19660068521	Investigative study relating to fuel cells - Platinum phosphides Summary report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660068522	Evaluation of a Cryo-Therm, Inc. insulated box for battery temperature stabilization Interim report, 5 Nov. 1964 - 15 Mar. 1965	1965
19660068523	Technique for evaluation of speech systems Final report, 1 Jul. 1964 - 31 Jul. 1965	1965
19660068524	Hybrid piezoelectric devices Quarterly report, 16 May - 15 Aug. 1965	1965
19660068525	Intrinsic reliability subminiature ceramic capacitors Thirteenth quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660068527	Existence and uniqueness of the integrals of a series of partial differential equations	1965
19660068528	100-kilovolt ceramic-metal thyratron Seventh quarterly progress report, 15 Apr. - 14 Jul. 1965	1965
19660068530	Error reduction in loop direction finders Second quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660068532	Development of a bar and tubing process for a dispersion strengthened Ni-Cr-ThO ₂ alloy Interim report, 1 Jul. - 1 Oct. 1965	1965
19660068533	Investigation of millimeter wave generation and nonlinear propagation in ferrimagnetics Report no. 2, 1 Feb. - 30 Apr. 1965	1965
19660068534	Electroacoustic digital computer peripheral memory Final report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660068535	Anesthetic techniques for chimpanzee restraint	1965
19660068536	The design of cylindrical vessels under the influence of gamma and neutron radiation	1965
19660068537	Ammonia production feasibility study Final technical report, 13 Oct. 1964 - 13 Feb. 1965	1965
19660068538	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle, part II, volume 21, supplement II, appendix III	1965
19660068539	Heat transfer between metal surfaces in contact	1965
19660068540	Investigation of adhesives for flexible unicellular-plastic thermal insulation	1965
19660068541	The ultrasonic determination of the bulk modulus of hydraulic fluids at elevated temperatures and pressures	1965
19660068542	Note on polarization and anisotropy of radiation from extended radio sources	1965
19660068543	Crash position indicator in Cessna L19 and L182D	1965
19660068544	Methods of geomicrobiology	1965
19660068545	Crystal structure of silver oxide AgO	1965
19660068546	Backscattering of electrons by solutions and alloys	1965
19660068547	Atomic numbers of lutecium, ytterbium and hafnium. On the L-series of lutecium and ytterbium and on the identification of celtium with the element of atomic number 72	1965
19660068548	On the distribuion of elements in metamictic niobium tantalates by point analysis with the electron probe	1965
19660068549	New data on iridium-osmium compounds and on the existence of native osmium	1965
19660068551	Water exchange in fish	1965
19660068553	Investigations of temperature sensation. I - Effect of carbon dioxide and oxygen on thermoesthesia	1965
19660068554	Influence of oil film on kinetostatic contact stresses	1965
19660068555	Effects of strenuous muscular work on the human body	1965
19660068556	The physiology of perspiration	1965
19660068557	Histological changes in various organs during thirst	1965
19660068562	Interdisciplinary research on ablative materials Summary report, Dec. 1964 - Jan. 1965	1965
19660068563	Minuteman producibility study no. 30 - Multiple probe attachments of integrated circuits to multilayer circuit boards Final report	1965
19660068564	Gas-lubricated friction bearings subject to variable loads and speeds	1965
19660068566	Stability of the analogue method of solving systems of linear algebraic equations	1965
19660068567	Development of fixed-wing basic instrument flight simulator, device 2-B-12A Interim report	1965
19660068568	Development of a plasma accelerator for thrust Technical report, 1 Jul. 1962 - 15 Feb. 1965	1965
19660068569	Intensive use of DIDO type materials-testing reactors	1965
19660068570	Infrared detectors Interim report, 18 Dec. 1964 - 18 Mar. 1965	1965
19660068571	Investigation of nuclear methods for detection of incipient-stage fatigue failure	1965
19660068572	Hypervelocity capability and impact research - electroballistic program Semiannual progress report, 1 Jul. - 31 Dec. 1964	1965
19660068573	Investigation of barium titanate ceramics by X-ray techniques Final report, 1 Nov. 1958 - 30 Jun. 1964	1965
19660068575	The first space expedition	1965
19660068576	Electron beam parametric amplifiers Final report	1965
19660068578	Feasibility study of a fiberglass cover for the Sergeant missile	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068579	Development of a remote cutoff MOS field effect transistor Interim development report, 10 May - 10 Aug. 1965	1965
19660068580	Very high resolution techniques Twelfth quarterly report, 15 Mar. - 15 Jun. 1965	1965
19660068581	Excess noise in semiconductors Status report, 1 Jul. - 30 Sep. 1965	1965
19660068582	Upper and lower bounds for the frequencies of rectangular free plates	1965
19660068583	Fireproofing lacquers for machinery	1965
19660068584	Non-metallic materials Technical report, 1 Jul. - 31 Dec. 1964	1965
19660068585	Frequency converter units for Ku-band to Ka-band operation Interim development report, 1 Jun. - 31 Aug. 1965	1965
19660068588	Nondestructive test results and altitude performance of aged Mark II reentry vehicle spin and pitch motors	1965
19660068589	X-band phased array tube development Third quarterly progress report, 16 May - 16 Aug. 1965	1965
19660068590	Development of an array of gallium arsenide injection lasers, part I Summary report, 2 Jun. 1964 - 2 Jun. 1965	1965
19660068592	Parametric study of logistics-type entry vehicles. Volume III - Parametric data and discussions, book I	1965
19660068593	Saturn V improvement study, MS-IVB-1 and MS-IVB-2. Volume IV - Fiscal Final report	1965
19660068595	Radiative energy transfer on entry into Mars and Venus Quarterly report no. 11	1965
19660068596	A study of crew functions and vehicle habitability requirements for long duration manned space flights, volume I Summary report /final/	1965
19660068597	Life support system for space flights of extended time periods. Redesign of the CO2 REDUCTION unit	1965
19660068598	Social science work concerning management and public policy implications of decision making in space and related programs Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660068599	A study of lunar flying vehicles Final presentation	1965
19660068600	Influence of zero gravity on isolated human cells Progress report, 1 Feb. - 31 Jul. 1965	1965
19660068602	Human engineering criteria for advanced ground support operations with nuclear space systems	1965
19660068603	Meteorological data report, Aerobee NASA 4.151 UG /13 October 1965/	1965
19660068604	Meteorological data report, Aerobee NASA 4.53 /S/N 159-3/ /26 October 1965/	1965
19660068605	Meteorological data report, Aerobee NASA 4.150 GA-GI-GB /28 September 1965/	1965
19660068606	Parametric study of logistics-type entry vehicles. Volume III - Parametric data and discussions, book 2	1965
19660068608	Influence of metabolic accumulation of products of Hydrogenomonas cells on their continued growth Progress report number III, 1 May - 31 Oct. 1965	1965
19660068609	Design, development, manufacture, and deliver new concepts for high energy rate forming system Final report, 30 Jun. 1964 - 30 Jun. 1965	1965
19660068610	Meteorological data report, Aerobee AD 3.722 /S/N AF 114-3/ /24 September 1965/	1965
19660068613	Meteorological data report, Aerobee NASA 4.128 UA /15 July 1965/	1965
19660068614	A study of the rolling motion of the Aerobee 350 Quarterly Progress report No. 1, 22 Jun. - 22 Sep. 1965	1965
19660068616	A correlation of polymeric structure to ablative properties	1965
19660068618	Density measurements in the blast wave from a surface burst 500 ton T.N.T. hemispherical charge	1965
19660068619	Stability analysis of multiloop, multirate sampled systems	1965
19660068620	Measurement of localized neutral densities in an argon glow discharge	1965
19660068621	New concepts for achieving high efficiency in traveling-wave tubes Fifth quarterly progress report, 1 May - 30 Jul. 1965	1965
19660068622	The stability of systems with lag	1965
19660068623	Thermoelectric power conversion feasibility Quarterly progress report, Dec. 26, 1964 - Mar. 25, 1965	1965
19660068624	Evaluation of accident data recorder/crash position indicator on Yukon aircraft	1965
19660068625	Development of Towed Universal Glider /TUG/ Interim report	1965
19660068626	Dependence of dc-conductivity or organic dielectric upon working conditions and external factors //	1965
19660068627	Disposal test of LR58-RM-4 and Mk 8 Mod 0 and Mod 1 rocket motors for AGM-12 missile Airmunitions test report	1965
19660068628	Human visual acuity measured with colored stimuli, 1 September 1964 - 31 August 1965	1965
19660068629	Engineering design of In-reactor diodes with external variable electrical load	1965
19660068630	Dimensional changes and radiation creep of graphite at very high neutron doses	1965
19660068631	New hypofluorites containing nitrogen Annual report, 1 Oct. 1964 - 30 Sep. 1965	1965
19660068633	Supraconductive material	1965
19660068634	Study of correlation properties of binary sequences. Volume II - Table of correlation functions of maximal linear sequences of periods 15, 31, 63, 127, 255, 511 and 1023 Interim technical report, 15 May - 15 Aug. 1965	1965
19660068635	Use of the Hydro I code in the analysis of transient axisymmetric shock hydrodynamics problems	1965
19660068636	Synthesis and characterization of sulfur - nitrogen inorganic polymers Technical report, 1 Jun. 1964 - 31 May 1965	1965
19660068637	Development of a 50 KVA laboratory prototype superconducting ac generator Second quarterly report	1965
19660068638	Wideband optical modulator technique Quarterly report no. 1, Jul. 1 - Oct. 1, 1965	1965
19660068639	Investigation of the vertical velocity field between 20 and 50 km Final report	1965
19660068641	Aerodynamic Characteristics of a Variable- Sweep Strategic Aircraft Model at Mach 2.16 /U/	1965
19660068643	260-in.-dia Motor Feasibility Demonstration Program /U/ Quarterly Technical Note No. 7, 1 Jan. - 31 Mar. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068647	156-inch diameter motor liquid injection TVC PROGRAM /U/ Quarterly report no. 2, 1 Jul. - 30 Sep. 1965	1965
19660068648	Determination of Abort System - Mission Effects for Saturn Class Vehicles /U/ Final Report	1965
19660068649	Technological Development of Throttling a Hybrid Propulsion System /U/ Interim Technical Summary Report, 29 Jun. 1964 - 28 Mar. 1965	1965
19660068652	Trajectory study for advanced lunar missions /U/ Sixth monthly progress report	1965
19660068653	CX-6 V/STOL assault transport study, volume 3, part 1 - Analysis of selected design /U/	1965
19660068655	Feasibility studies of advanced pneumatic techniques for control of turbojet engines /U/ Final report, Mar. 1963 - Mar. 1965	1965
19660068656	Near-earth radiometric measurements at 2.17 millimeters /138 Gc/ /U/	1965
19660068660	Analysis of advanced flight vehicle heat exchanger fire and explosion hazards /U/ Final report, 2 Jan. 1964 - 30 Apr. 1965	1965
19660068664	CX-6, V/STOL assault transport support system study. Volume I - Summary report /U/ Final report	1965
19660068665	Block oriented random access memory First quarterly progress report, 1 May - 31 Jul. 1965	1965
19660068666	Effect of luminance on the moon illusion	1965
19660068667	Influence of stress corrosion on strength of glass fibers Final report, 15 Mar. 1964 - 15 Apr. 1965	1965
19660068668	Thermodynamic and kinetic studies of borides and other refractory materials at high temperatures Status report no. 5 and 6, 1 Jan. - 30 Jun. 1965	1965
19660068670	Aerobee NB 3.184 /S/N 96-3/ /4 October 1965/ Meteorological data report	1965
19660068671	Aerospace expandable structures and maintenance support devices. Volume II - Evaluation of adhesives systems for anchoring astronauts to a work site in space	1965
19660068672	Orbital docking simulators	1965
19660068673	The heat budget of the Arctic basin and its relation to climate	1965
19660068674	Investigation of the para-ortho shift of hydrogen Quarterly progress report, 1 Aug. - 1 Nov. 1964	1965
19660068675	Projects dealing with advanced electron device technology Status report no. 87	1965
19660068676	High temperature turbine component development for USAAML small gas turbine engine program Monthly technical report no. 13	1965
19660068677	Research on rare earth fluoride materials Interim scientific report, 1 Mar. - 28 May 1965	1965
19660068678	Evaluation of molybdenum /TZM/ sheet Quarterly progress report no. 4, 9 Mar. - 9 Jun. 1965	1965
19660068679	Research on gas lubrication at high temperature and low flow rates Seventh quarterly progress report, Mar. 15 - Jun. 15, 1965	1965
19660068681	Factors affecting the quality of the electronystagmograms in vestibular stimulation	1965
19660068682	Investigation of millimeter wave generation and nonlinear propagation in ferrimagnetics Report no. 3, 1 May - 31 Jul. 1965	1965
19660068683	Failure mechanisms in resistors Technical report, 2 Feb. - 31 May 1965	1965
19660068684	Neurologic adaptations in mice exposed to a chronic 2x gravity field, April 1964 - February 1965	1965
19660068685	Applied research in radio frequency hazards Year end report, 1965	1965
19660068686	Project SQUID Semiannual progress report, 1 Apr. - 30 Sep. 1965	1965
19660068687	Omega lane resolution - Phase measurements at two very low frequencies	1965
19660068688	Theoretical and experimental investigations in trainable pattern-classifying systems Final report, Jun. 1964 - Jun. 1965	1965
19660068689	Research in turbulent wakes Semiannual technical summary report, 1 Mar. - 30 Jun. 1965	1965
19660068690	Analytical evaluation of actively cooled modified monocoque structural sandwich concepts Final report, 15 Jun. 1964 - 15 Apr. 1965	1965
19660068691	Blast wave parameters in a dense gas. Part I - Linear shock tube. Part II - Air blast wave driving into Freon-114 Final report	1965
19660068692	Pressure and temperature changes in closed loop forced convection boiling and condensing processes under zero gravity conditions	1965
19660068694	A study of system coupled instability analysis techniques Quarterly report no. 2, Aug. - Nov. 1965	1965
19660068696	Fire and explosion detection for advanced flight vehicles Final report, 1 Mar. - 30 Sep. 1965	1965
19660068697	Fundamental considerations for a study of real gas effects on army missile stability	1965
19660068698	A fluid-mechanical model of the thoraco- abdominal system with applications to blast biology	1965
19660068700	Meteorological data report, Aerobee NASA 4.121 CG	1965
19660068701	Conference on optics in space	1965
19660068702	Propagation factors at 3.2 millimeters	1965
19660068703	Investigation in the fabrication of silicon carbide 500 deg C rectifiers Interim engineering report, Jul. 1 - Sep. 30, 1965	1965
19660068704	Adaptive control review. Volume I - A class of predictive adaptive controls Final technical report	1965
19660068705	Inflatable vertical float design study Final report	1965
19660068706	Investigation of meteoroid impacts on two-sheet configurations Final technical report, Dec. 1964 - Sep. 1965	1965
19660068707	Development and evaluation of the diffusion bonding process as a method to produce fibrous reinforced metal matrix composite materials Interim engineering progress report, 15 Aug. - 15 Nov. 1965	1965
19660068708	Laser /optical maser/ beam fusion welding Interim engineering progress report, 1 Aug. - 31 Oct. 1965	1965
19660068709	Filtering aspects of orbit determination	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068710	Some effects of 138 MeV protons on primates. The radiations of space III Technical report, Jan. - Apr. 1965	1965
19660068711	Information on fracture toughness specimens from welded plates of 250 and 200 grades of 18 Ni maraging steel	1965
19660068712	Temperature dependence of characteristic electron energy losses in aluminum, magnesium and tin	1965
19660068713	Application of incomplete integrals of the Hamilton-Jacobi partial differential equation	1965
19660068714	Characterization of graphite and carbon-based fibrous materials exposed to varying environments Final report, Oct. 1963 - Dec. 1964	1965
19660068715	Investigation of linear beam and new concepts of microwave power generation Sixth quarterly progress report, 1 Jan. - 31 Mar. 1965	1965
19660068716	Simultaneous plasma analysis techniques Final technical report, 1 Jan. 1962 - 31 Jan. 1965	1965
19660068717	Search theory and reconnaissance theory literature A bibliography	1965
19660068719	European scientific notes	1965
19660068721	Spreading of liquids on solids under controlled interfacial conditions Annual summary report	1965
19660068722	A shock tube determination of the photodetachment cross sections for O minus	1965
19660068723	Development of glide-angle indicator light Interim report	1965
19660068724	Stress analysis of an orthotropic cylinder under internal pressure	1965
19660068725	Solid state ferroelectric accelerometer Interim report, 5 Jun. - 4 Sep. 1965	1965
19660068726	Development of the manufacturing capabilities of the hydrostatic extrusion process Interim engineering progress report, 1 Jun. - 31 Aug. 1965	1965
19660068728	Spectrometric oil analysis for the detection of incipient turbojet engine failures Technical report, Jul. 1963 - Oct. 1964	1965
19660068730	Hypersonic heat transfer and pressure test results on variable gap flap cove models in tunnel C of Arnold Center, volume I	1965
19660068731	Liquid oxygen and fuel prevalves for NASA SATURN program Thirty-ninth monthly progress report, 1-30 Sep. 1965	1965
19660068735	A statistical wave packet model for optical propagation	1965
19660068736	Development of a lightweight, cable driven telescopic mast First quarterly progress report, 28 Apr. - 28 Jul. 1965	1965
19660068737	A note on the effects of non-linear aerodynamic properties on oscillation decay	1965
19660068739	Thermally stable perfluorinated polymers Final summary report, 1 Mar. 1964 - 28 Feb. 1965	1965
19660068740	Feasibility study of percussion primers between 400 deg and 600 deg F	1965
19660068741	Multiple-band surface treatments for high damping Summary report, Jan. 1964 - Jul. 1965	1965
19660068742	High-power magnetron injection gun noise study Quarterly progress report no. 1, May 1 - Aug. 1, 1965	1965
19660068743	Multifueled thermal-energy-conversion systems Final report, 1 Jan. - 31 Aug. 1965	1965
19660068744	Measurements of the turbulent near wake of an elliptic cone at Mach 6	1965
19660068745	Electron tube research Eleventh quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660068746	Alkaline cell evaluation and analysis Quarterly technical progress report, 15 May - 15 Aug. 1965	1965
19660068747	Improved insulators for rocket motors Quarterly progress report, Jun. 1 - Aug. 31, 1965	1965
19660068748	Approximate impact drag coefficients for the vertical water-entry of families of cone, ellipsoidal, and tangent ogive nosed missiles	1965
19660068751	A program for the spatial disorientation demonstrator	1965
19660068752	Meteorological data report. Aerobee nf 3.162 pr /29 October 1965/	1965
19660068753	Time-resolved spectra associated with high-speed projectiles in rarefied air obtained with a large-aperture slitless spectrograph	1965
19660068754	Microbial susceptibility test of electrical insulating materials /spaghetti tubing/	1965
19660068755	Theoretical trajectory performance of the five-inch gun probe system	1965
19660068756	Design of a miniature watercooled internal strain gage wind tunnel balance	1965
19660068757	Geomagnetic trapping of fission debris beta rays - A computer code	1965
19660068758	Effect of atropine and ether on parenterally induced coxsackie B infection in mice Technical report, 1 Aug. - 31 Oct. 1964	1965
19660068759	Modulation analyzer Third quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660068760	Flow reactor	1965
19660068761	Ascorbic acid protection against inactivation of lysozyme and aldolase by ionizing radiation	1965
19660068762	Wind tunnel investigation of ground effect on a rectangular wing of several moderate aspect ratios	1965
19660068763	Application of semi-conductor devices to high power duplexers Fifth quarterly report, 1 Apr. - 30 Jun. 1965	1965
19660068764	Development of photo-tape manufacturing methods Interim engineering report, 1 Jun. - 31 Oct. 1965	1965
19660068765	Revised facilities design criteria, Apollo unified S-band 30-ft. dish site, Grand Canary Island	1965
19660068766	Earth orbital launch windows for Mars missions	1965
19660068767	Stability derivatives of sharp wedges in viscous hypersonic flow	1965
19660068768	The Holloman track, facilities and capabilities	1965
19660068769	A triangle - flexible airplanes, gusts, crew	1965
19660068770	Lithium anode limited cycle battery investigation Quarterly technical progress report no. 3	1965
19660068772	Field-aligned scatter propagation data analysis Final report, 1958 - 1963	1965
19660068773	Exploding wire facility	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068774	Development and evaluation of forging parameters in the manufacture of conical structural shapes Interim engineering progress report, 15 Aug. - 31 Oct. 1965	1965
19660068775	Development of experimental electronically tuned, decade-bandwidth receiver Final report, Jan. 1964 - May 1965	1965
19660068776	Experimental determination of the transport properties of gases Summary scientific report, Feb. 1964 - Feb. 1965	1965
19660068777	Manufacturing methods for phase shifters Interim engineering progress report, 1 Aug. - 31 Oct. 1965	1965
19660068778	A study of coordinate-conversion errors in strapped-down navigation	1965
19660068779	A design procedure for tapped-delay-line compression filters	1965
19660068780	Spurious response rejection techniques Interim engineering report, 1 Aug. - 1 Oct. 1965	1965
19660068781	Fundamental investigation of the degradation of hydrocarbon fuels Third quarterly progress report, 16 Aug. - 16 Nov. 1965	1965
19660068783	Distributed network synthesis - a variational approach	1965
19660068784	Lithium-nickel halide secondary battery investigation Quarterly technical progress report, period ending 15 Sep. 1965	1965
19660068785	Advanced development model shelter, electrical equipment S-318/ //G Final report, Jun. 1964 - Feb. 1965	1965
19660068786	Report bibliography, Air Force Rocket Propulsion Laboratory, January 1958 - December 1964	1965
19660068787	Altitude-velocity table and charts for imperfect air. Volume I - Free-stream stagnation gas composition data	1965
19660068788	Feasibility study for assessment of explosion hazards, phase II	1965
19660068789	Services and materials necessary to develop a process to produce fibrous reinforced metal composite materials Interim engineering progress report, 16 Aug. - 15 Oct. 1965	1965
19660068790	Optical pumps for lasers Fourth quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660068791	Solar dynamic power systems study. Volume II - Solar dynamic power systems evaluation, March 1963 - January 1964	1965
19660068792	The hollow anode glow discharge as a source of ion and electron beams	1965
19660068793	An investigation of the tetrafluoroethylene- oxygen flame	1965
19660068794	Ionic thinning of specimens for electron microscopy Technical documentary report, 1 Feb. 1962 - 31 Jul. 1963	1965
19660068795	Simulated inputs for testing of command and control systems	1965
19660068796	Study of comprehensive failure theory Final report, 28 Feb. - 28 Nov. 1964	1965
19660068797	Measurements of shock-impingement effects on the heat-transfer and pressure distributions on a hemicylinder model at Mach number 19 Technical report, Aug. 11 - Sep. 10, 1965	1965
19660068798	Aerobee NASA 4.146 DS /S/N 160-3/, 20 October 1965 Meteorological data report	1965
19660068799	Study of oxides for O2-N2 separation Eleventh quarterly progress report, 15 Jul. - 15 Oct. 1965	1965
19660068800	Process development for precision radial forging of integral turbine wheels First interim technical progress report, 30 Jun. - 30 Sep. 1965	1965
19660068801	Research on ablative compositions Second semiannual summary report, 15 Jan. - 31 Aug. 1965	1965
19660068802	Equations for creep based on the criterion of maximum applied stress	1965
19660068803	Solid film lubrication research Quarterly progress report, 1 Jun. - 1 Sep. 1965	1965
19660068804	Energy transfer in solid laser materials Technical summary report no. 4, 1 Feb. - 30 Apr. 1965	1965
19660068805	The oxidation of molten aluminum Final report	1965
19660068806	High-current-density cathode-ray tube electron source Fourth quarterly progress report, 1 Mar. - 31 May 1965	1965
19660068808	Hot gas servo control systems for missiles. Volume II - Appendices final report, Mar. 1962 - Mar. 1965	1965
19660068809	Research on improved epoxy resins Quarterly progress report, Jul. 1 - Oct. 1, 1965	1965
19660068810	Liquid rocket engine combustion instability studies Semiannual report, Jan. 1 - Jun. 30, 1965	1965
19660068811	Dispersive characteristics of the ionosphere Interim report no. 4, 1 Dec. 1964 - 30 Jun. 1965	1965
19660068812	Self-sealants and sealants for aerospace vehicles Technical report, 1 Jan. 1964 - 1 Jan. 1965	1965
19660068813	Some aerodynamic characteristics of tow targets and towlines	1965
19660068814	Hemispherical reflectance of metal surfaces as a function of wavelength and surface roughness	1965
19660068816	Discrete terminal control of space vehicles via mathematical programming Interim technical report	1965
19660068817	Magnetic field plots and charged particle trajectories internal to and about multipole coils /Minitrap/	1965
19660068819	Vaporizing and endothermic fuels for advanced engine application Quarterly progress report no. 9, Jun. - Aug. 1965	1965
19660068820	Experimental results using a temperature controlled quartz crystal thin film thickness detector Final report, 1 May 1962 - 20 Feb. 1965	1965
19660068821	Gas tungsten - arc /TIG/ welding Interim engineering progress report, 1 Jun. - 31 Aug. 1965	1965
19660068822	Single crystal silicon films on insulating substrates Interim report, 1 May - 31 Jul. 1965	1965
19660068823	B-58A multiple weapons configuration, category II performance and stability tests	1965
19660068824	Reliable, low cost, stable resistors, general purpose Ninth quarterly progress report, 1 May - 31 Jul. 1965	1965
19660068825	Flow and fracture of hot-pressed polycrystalline spinel at elevated temperatures	1965
19660068826	Comparative studies on mortality of cold- stressed mice challenged with viruses by different routes Final report, 1 Aug. - 31 Oct. 1964	1965
19660068827	Aerodynamic calibration of the AEDC 16-ft. transonic tunnel compressor with fiberglass rotor blades	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068829	Athena flight no. 030 /1 October 1965/ Meteorological data report	1965
19660068830	Analytical procedures for predicting the mechanical properties of fiber reinforced composites Technical documentary report, 15 Jul. 1964 - 15 Jul. 1965	1965
19660068831	The anchor button - An attachment technic for biomedical instrumentation lead wires	1965
19660068832	An ultrasonic translator	1965
19660068833	Protective coatings for tantalum-base alloys Quarterly report no. 7, 1 Dec. 1964 - 28 Feb. 1965	1965
19660068834	An experimental method to analyze gravitational stresses in two-dimensional problems Interim report	1965
19660068836	Hydrodynamic compressive forging First quarterly technical progress report, 21 Jun. - 21 Sep. 1965	1965
19660068837	Edema - A delayed complication of total-body 32 MeV proton irradiation	1965
19660068838	Dose-response relationships in mammalian acute hematologic radiation injury	1965
19660068839	Manufacturing methods, processes and development for cesium beam frequency standards Interim engineering progress report, 9 Jun. - 9 Sep. 1965	1965
19660068840	Exploratory development of high resolution television camera tubes Technical report, May 11, 1964 - Jun. 1965	1965
19660068841	Ku-band triode and cavity combination CW oscillator Fifth quarterly progress report, 1 May - 31 Jul. 1965	1965
19660068842	Aerospace photographic reconnaissance experiments /natural atmospheric turbulence/ Interim engineering report no. 11, 1 Jun. - 30 Sep. 1965	1965
19660068843	Development of manufacturing methods for deposition forming Interim progress report, 1 Aug. - 31 Oct. 1965	1965
19660068844	High-information-density storage surfaces First quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660068845	Resistors for micropower circuits First quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660068846	Solid state amplification Quarterly progress report, Jul. 1 - Sep. 30, 1965	1965
19660068847	Hydrocarbon-air fuel cells Semiannual technical summary report, 1 Jan. - 30 Jun. 1965	1965
19660068848	Development of subsonic base pressure prediction methods	1965
19660068849	Development of manufacturing methods for production of a wide dynamic range television pickup tube Interim engineering progress report, 14 May - 31 Aug. 1965	1965
19660068850	Light weight integrated contacting subsystem	1965
19660068851	Applied research on high resolution camera tubes Final report, Oct. 1964 - Sep. 1965	1965
19660068852	Infrared detectors and detector material Interim report, 1 Sep. - 30 Nov. 1965	1965
19660068853	A study of spectral diagnostic methods for a J vector cross B vector	1965
19660068854	Thermodynamic data for helium-3 refrigeration systems Quarterly progress report, Jul. 1 - Oct. 1, 1965	1965
19660068855	Meteorological data report, Nike-Cajun NICAP/1 rockets, round no. 015 /14 July 1965/, round no. 017, 016, and 014 /15 July 1965/, round no. 019, 021, and 020 /16 July 1965/	1965
19660068856	Free radical photography. Studies in the styryl-base/carbon tetrabromide system	1965
19660068857	Nuclear magnetic resonance studies of solvent effects on the hindered internal rotation in N, N-disubstituted amides. Higher alkyl amides	1965
19660068858	The effect of molecular diffusion on the similarity parameter for laminar mixing	1965
19660068859	High-energy techniques for fabricating 10- to 50-foot-diameter parts First interim engineering progress report, 1 Jul. - 30 Nov. 1965	1965
19660068860	The instability of centrifugal-electrostatic- focused flow	1965
19660068861	Investigation of porous lithium battery electrodes First quarterly technical progress report, 15 Jul. - 15 Oct. 1965	1965
19660068862	High-temperature materials program Final report	1965
19660068863	Investigation of linear beam and new concepts of microwave power generation	1965
19660068864	A tabulation of impedance characteristics of linear antennas buried in a lossy medium	1965
19660068865	Man-machine simulation experience	1965
19660068866	Biomedical program 500-ton explosion Final report	1965
19660068867	Maser effect in ruby at liquid hydrogen temperature	1965
19660068869	Development of flame resistant cable, July 1964 - July 1965	1965
19660068871	The effects of LSD-25 on accommodative convergence ratios	1965
19660068874	Research and development of manufacturing methods for PBI fibers and fibrous structures of PBI yarns Interim progress report 15 Aug. - 15 Nov. 1965	1965
19660068875	Characterization of PBI fibers Interim progress report, 9 Aug. - 9 Nov. 1965	1965
19660068876	Electrical and optical properties of tantalum thin films sputtered in nitrogen	1965
19660068877	Automatic alternate routing study Fourth quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660068878	High altitude rough air model study Final report, 15 Apr. 1963 - 15 Apr. 1965	1965
19660068879	Advanced launch facility /inclined track/ Feasibility study	1965
19660068880	Tandem interference effects for noncavitating and supercavitating hydrofoils	1965
19660068881	Altitude-velocity table and charts for imperfect air. Volume III - Normal shock stagnation gas composition data	1965
19660068882	Electronic countermeasures and counter-countermeasures - An annotated bibliography. Supplement III, June 1964 - June 1965	1965
19660068883	Analysis of radar training requirements Final technical report, 29 Mar. 1963 - 28 Mar. 1965	1965
19660068885	An investigation of the relative biologic effectiveness of 138-MeV protons as compared to Co60 gamma radiation	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068887	Comparison of chemical analyses of refractory alloys	1965
19660068889	Report on the national sonic boom study structural reaction program - Summary, conclusions, and analysis	1965
19660068890	Development of joining processes for titanium foils Interim engineering progress report, 1 Aug. - 31 Oct. 1965	1965
19660068891	Theoretical and experimental study of the Anomalous Hall effect Scientific report no. 1, 1 Sep. 1964 - 31 Aug. 1965	1965
19660068892	The transient response of targets subjected to hypervelocity impacts	1965
19660068893	Report on the national sonic boom study structural reaction program - Appendices	1965
19660068894	On the design of sample data tracking loops Interim technical report	1965
19660068896	Comparison of the air blast produced by composition C-4 plastic explosive and by 50/50 Pentolite	1965
19660068897	Fundamental photosurface studies Interim technical report, 1 Feb. - 31 Jul. 1965	1965
19660068898	Cap pistol performance repeatability test	1965
19660068899	Angular energy distribution of photoelectrons Final report	1965
19660068900	B-26K category II performance and qualitative stability and control tests	1965
19660068901	Method for distinguishing and identifying branched and straight chain alkyl benzene sulfonates	1965
19660068902	An estimate of the reliability of a form-C magnetic reed switch capsule	1965
19660068903	Low magnetic saturation garnets Second quarterly progress report, 1 May - 31 Jul. 1965	1965
19660068904	Investigation of hermetically sealed maintenance-free, high rate, nickel-cadmium batteries for aircraft applications Quarterly technical progress report	1965
19660068905	Research on use of ozone and other agents in a controlled materials degradation concept Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660068906	Techniques for integration of active elements into antennas and antenna structure Interim engineering report, 1 Jun. - 31 Aug. 1965	1965
19660068907	Comparison between exact and one-dimensional theories for incipient ablation in reentry simulation	1965
19660068908	Reciprocal phase shifters for inertialess scanning Quarterly progress report, 15 Apr. - 15 Jul. 1965	1965
19660068909	Investigation of microwave dielectric- resonator filters Seventh quarterly report, 1 Mar. - 31 May 1965	1965
19660068910	Semiconductor laser techniques /Semlat/ Final report	1965
19660068911	Re-evaluation of the interatomic distances in selected oxide structures Annual report, May 1964 - Aug. 1965	1965
19660068912	Contributions toward solutions of the equations of hydrodynamics. Part B Primitive solutions for the fluctuating components of turbulent flow between parallel plates Technical report, Feb. 1964 - Oct. 1965	1965
19660068913	Flexible integrated solar cell array Second quarterly report, 1 Sep. - 1 Dec. 1965	1965
19660068916	Self-excited radial oscillations in thin stellar envelopes, I	1965
19660068917	A continuous monitor for hydrogen in gases	1965
19660068918	Safety considerations in the instrumentation of a nuclear fuel re-processing plant	1965
19660068919	Phosphorane polymers Summary technical report, Apr. 1964 - Mar. 1965	1965
19660068920	The structure of clouds	1965
19660068921	Structure of the shock layer on cylinders in rarefied gas flow Research report, 15 Dec. 1964 - 31 Jul. 1965	1965
19660068922	Pulse compression using frequency-coded non-uniform pulse trains	1965
19660068924	Evaluation of the weldability of missile case materials Technical report, 15 Jan. 1964 - 14 Jul. 1965	1965
19660068925	High temperature turbine component development for USAAML small gas turbine engine program Monthly technical report no. 15, Aug. 1965	1965
19660068926	Analytically derived partial derivatives of orbital rectangular components of position and velocity	1965
19660068927	Semiconductor optoelectronic phenomena investigation Interim engineering report, Jul. 1 - Oct. 1, 1965	1965
19660068928	Diffusion in organic crystals Semiannual technical report, 1 Apr. - 30 Sep. 1965	1965
19660068929	The gravimetric determination of the parameters of the earth and its gravity field Scientific report no. 17	1965
19660068931	Analysis of 140 MeV nucleon scattering data for beryllium and carbon	1965
19660068935	Development of cast high strength lightweight 81mm mortar baseplate, Part III	1965
19660068936	Measurement of the radial electron density distribution and magnetic field distribution in the theta-pinch and comparison with numerical calculations	1965
19660068937	Use of kryptonates in materials research Quarterly progress report	1965
19660068938	Photoelastic investigation of stresses in conventional and tapered breech threads	1965
19660068939	Manned Mars and/or Venus flyby vehicle systems study. Volume I - Summary report Final report	1965
19660068940	A mathematical analysis of terrestrial impact craters	1965
19660068941	Test requirements - nuclear stage /preliminary/. Volume III - NRDS operating plan and facilities requirement	1965
19660068942	Collection and analysis of micrometeorites Semiannual status report, 1 Dec. 1964 - 1 Jun. 1965	1965
19660068943	Study of manned vehicles for entering the earth's atmosphere at hyperbolic speeds Summary report	1965
19660068945	Functional requirements for the Saturn V DISPLAY system Interim report	1965
19660068946	Man-machine relationships in prelaunch checkout of advanced space vehicles Final summary report, 1 Jun. 1964 - 1 Oct. 1965	1965
19660068948	Syntheses of organic photoconductors and their light-decay characteristics	1965
19660068949	The impact of ADP on the future managerial environment	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660068950	Cardiovascular effects of 1,1-dimethylhydrazine in the anesthetized dog Final report, Aug. 1962 - Aug. 1964	1965
19660068951	Numerical procedures for computing functions associated with power spectral density analysis techniques	1965
19660068952	Experimental investigation of free oscillations of liquids in containers	1965
19660068953	Summary of atomic collisions research Final report, Sep. 1962 - Sep. 1965	1965
19660068955	Evaluation of a semi-active gravity gradient system First quarterly report, 21 Jun. - 21 Sep. 1965	1965
19660068957	Development of the Manned Orbital Research Laboratory /MORL/ system utilization potential Master summary schedule	1965
19660068958	Dormant operating and storage effects on electronic equipment and part reliability Technical report, 15 May - 8 Jul. 1965	1965
19660068959	Development of beryllium sheet with high yield strength and ductility Summary report, 1 May 1964 - 31 Jan. 1965	1965
19660068960	Sensitometric techniques for electron- sensitive material Technical report, 1 Jan. - 30 Sep. 1965	1965
19660068961	Effect of corrosion inhibitors on jet fuel filtration	1965
19660068962	Evaluation of the light deflection technique for the detection of shock waves in shock tubes at moderate pressure and/or low shock Mach number	1965
19660068963	Effect of cold reduction on the embrittlement of L-605 /HS-25/	1965
19660068965	Viscous, hypersonic flow in the vicinity of the stagnation point for blunt axisymmetric bodies - numerical analysis and computer program	1965
19660068967	Sensitivity of propellant systems Quarterly report, Jul. 1 - Sep. 30, 1965	1965
19660068968	A study of systems for space propulsion Quarterly progress report no. 19, 1 Aug. - 31 Oct. 1965	1965
19660068969	A portable short-range optical radar system Interim technical report, Sep. 1964 - Mar. 1965	1965
19660068974	A solion seismometer	1965
19660068975	Atmospheric corrosion protection studies for 2219-T87 aluminum Final report	1965
19660068976	The detection of long-lived excited states of molecules by Penning ionization//. On the evidence of the N2NO plus ion//	1965
19660068977	The detection of long-lived excited states of molecules by Penning ionization	1965
19660068978	On the evidence of the N2NO plus ion	1965
19660068980	Investigation of the existence of oxyanions of fluorine and nitrogen and the nitrogen-fluorine cations Quarterly technical summary report, 28 Jul. - 27 Nov. 1965	1965
19660068981	Catalytic production and loss of atomic nitrogen in discharge Final report	1965
19660068982	Excited state formation and destruction in mixtures of atomic oxygen and nitrogen	1965
19660068983	Reaction of N2/A3 sigma plus over u/ with atomic nitrogen	1965
19660068984	Reactions of O2/1 delta/	1965
19660068985	True growth rate in Czochralski crystal growth	1965
19660068986	Discrepancy analysis of preflight equipment failures	1965
19660068989	Ion-specific permeable membranes Quarterly status report no. 1, 1 Mar. - 31 May 1965	1965
19660068990	Paint durability study for Lance ogive section	1965
19660068991	Distribution and frequency dependence of unintentionally generated man-made VHF/UHF NOISE in metropolitan areas. Part II - Theory	1965
19660068992	Investigation of the separation and reattachment of flow downstream of a two-dimensional, rearward-facing step at Mach numbers 2.5 and 3.5	1965
19660068993	Refractory metals coatings by chemical vapor deposition Interim engineering progress report, 15 Aug. - 15 Nov. 1965	1965
19660068994	Lubricity properties of high-temperature jet fuels Quarterly progress report, 15 May - 15 Aug. 1965	1965
19660069016	Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor /U/ Monthly Technical Progress Report No. 10, Apr. 1-30 1965	1965
19660069021	Predicted installed propulsion system performance for airplane no. 1 /U/	1965
19660069026	Transonic Aerodynamic Characteristics of a Variable-wing-sweep Tactical Fighter Model, Phase 3 /U/	1965
19660069039	Statistics, quantization and coding aspects of the application of aperiodic sampling techniques to R-A-D-A systems, supplement II Final report	1965
19660069042	Study of manned vehicles for entering the earth's atmosphere at hyperbolic speeds Final report, Nov. 1964 - Oct. 1965	1965
19660069043	A study of scientific mission support of a lunar exploration system for Apollo. Volume IV - Operations and engineering study	1965
19660069044	High voltage breakdown study Third quarterly progress report, 16 May - 15 Aug. 1965	1965
19660069045	Test requirements - nuclear stage /preliminary/. Volume I - Nuclear propulsion module development program plan	1965
19660069046	Turbine disk burst protection study Quarterly status report no. 6, 1 Oct. - 31 Dec. 1965	1965
19660069047	A wind-tunnel air wake survey of a 1/144-scale model aircraft carrier to evaluate several stern modifications and a 2 deg pitch angle	1965
19660069048	The compatibility of mixed oxides and carbides with refractory metals	1965
19660069049	Advanced orbital launch operations, phase B. Volume III - Orbital launch operations simulation model Final report	1965
19660069051	Development and testing of a communications channel monitor Final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069052	Experimental airborne microwave supported platform Final report, Jun. 1964 - Apr. 1965	1965
19660069053	Development of refractory extrusion liners Interim engineering progress report, 15 Jul. - 15 Oct. 1965	1965
19660069054	Antenna radiation characteristics with partially coherent illumination	1965
19660069055	Theoretical interpretation of the absorption of light by organic dyes	1965
19660069056	Nitrogen-cooled low-noise parametric amplifier using indium antimonide varactors Final report, 1 Mar. 1964 - 31 Aug. 1965	1965
19660069058	Lunar survey probe sensor study Final report	1965
19660069061	Stress analysis of a fully inflated ribless guide surface parachute Final report, Apr. 1963 - Mar. 1965	1965
19660069062	Tri-service ELF communications. Volume II - Bibliography Summary report	1965
19660069063	Manufacturing process development for superalloy cast parts Interim engineering progress report, 1 Jul. - 30 Sep. 1965	1965
19660069065	Radioisotopic biochemical probe for extraterrestrial life Quarterly progress report no. 18, Jul. - Sep. 1965	1965
19660069068	Projects of the Space Sciences Laboratory Consolidated Quarterly Progress Report, Period Ending Oct. 31, 1965	1965
19660069074	Day-night meteorological camera subsystem First quarterly report, 2 Jun. - 2 Sep. 1965	1965
19660069077	Investigation of biochemical stabilization of aqueous solutions of organic compounds by unsaturated flow through porous media Semiannual progress report, 15 May - 15 Nov. 1965	1965
19660069078	Components irradiation test no. 16, LDR-25 PHOTODIODES, 4H-504 thermistors 1N3881 diodes, relaxation oscillators, power supplies, MSFC Series 300 welded modules	1965
19660069079	Launch-Pad Abort Measuring System /PAMS/	1965
19660069080	Engineering investigation of direct liquid hydrocarbon oxidation-air fuel cells Interim technical report, 22 Sep. 1964 - 21 Mar. 1965	1965
19660069082	PATA Test Bed Final report	1965
19660069083	Aerobee ND 3.167 /22 October 1965/ Meteorological data report	1965
19660069084	Whole-body vibration of standing subjects Human factors technical report	1965
19660069085	Materials science program Technical report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660069086	Aerobee 150 roll lock-in study - Roll lock-in susceptibility study using the SGC 6-DEGREE-OF-FREEDOM trajectory simulation computer program Final report	1965
19660069087	A hypersonic wake transition map	1965
19660069088	Development of subsonic base pressure prediction methods, volume I Final report	1965
19660069098	Tetrahydrocannabinols. II - Synthesis of eight isomers of a synthetic tetrahydrocannabinol /U/	1965
19660069104	Microwave radiometer sensor study /U/ Final report, 14 Oct. 1964 - 14 Jan. 1965	1965
19660069105	CAL wave superheater cone and wedge ablation test results Task 4.1. heat shield material and process development - rest program /U/	1965
19660069107	Analytical investigation of a monopropellant gas generator aircraft emergency power system /U/	1965
19660069108	System studies of a pulse integral modulation directional control system for Lance /U/	1965
19660069110	Theoretical interaction computations for transducer arrays, including the effects of several different types of electrical terminal connections /U/ Interim report	1965
19660069111	AS-204 launch vehicle reference trajectory /U/	1965
19660069112	Ablation test results for reinforced phenolic resin systems. Task 4.1 heat shield material and process development - rest program /U/	1965
19660069114	Emergency control of boundary layer on aircraft wings by propellant energy - PAD ANTISTALL	1965
19660069115	High reliability connective devices Semiannual technical report, Feb. 1 - Jul. 31, 1965	1965
19660069116	Low-modulus arctic cable materials Second quarterly progress report, 15 May - 14 Aug. 1965	1965
19660069117	Thin film photovoltaic cell array investigation Quarterly technical report, 1 Jun. - 31 Aug. 1965	1965
19660069118	Low voltage arc studies Ninth quarterly progress report, 1 Jun. - 1 Sep. 1965	1965
19660069119	Design handbook for high temperature aerospace antennas Technical report, Apr. 1963 - Sep. 1965	1965
19660069120	Properties of glasses at elevated temperatures Progress report no. 31, 1 Jul. - 30 Sep. 1965	1965
19660069121	Cell equalization techniques Quarterly technical progress report, 1 Aug. - 1 Nov. 1965	1965
19660069123	Structural reliability and safety factor	1965
19660069124	Fast-rise radar-reflective balloon Quarterly progress report no. 1, 1 May - 31 Aug. 1965	1965
19660069125	Manufacturing in-process control and measuring techniques for integral electronics /Geometry and surface contamination control/ Interim engineering progress report no. 5, 1 Mar. - 31 May 1965	1965
19660069126	Airborne Instrumentation Platform /AIP/ SUMMARY report, Oct. 1, 1964 - Aug. 31, 1965	1965
19660069127	Thallium beam tube research Quarterly progress report no. 4, 1 May - 31 Jul. 1965	1965
19660069128	Thermal stability of hydrocarbon fuels Progress report no. 7, 1 Jun. - 31 Aug. 1965	1965
19660069130	A preliminary investigation of oxidizer-rich oxygen-hydrogen combustion characteristics	1965
19660069131	Development of manufacturing methods for field effect devices Interim engineering progress report, Jun. - Sep. 1965	1965
19660069132	Field ion microscopy of filamentary iron crystals Final report, 1 Jul. 1964 - 31 May 1965	1965
19660069133	Space communications Quarterly technical summary, 1 Jun. - 31 Aug. 1965	1965
19660069135	Rocket Engine Analyzer and Decision Instrumentation /READI/ engine test program Final report, Mar. - Oct. 1965	1965
19660069136	Ambient temperature measurements from radiosondes flown on constant-level balloons	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069137	Effect of JP fuel composition on flame radiation and hot corrosion Summary report, 1 Apr. 1964 - 31 Mar. 1965	1965
19660069138	Airborne phased array antenna signal processing techniques Interim engineering report no. 1, 1 Aug. - 31 Oct. 1965	1965
19660069143	Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor /U/ Monthly Technical Progress Report No. 9, Mar. 1-31, 1965	1965
19660069145	J-2 Program Quarterly Progress Report for Period Ending 31 May 1965 /U/	1965
19660069146	CX-6 V/STOL Assault Transport Study. Volume 5 - Program plan /U/	1965
19660069147	156 inch fiberglass LITVC Motor Program /U/ Quarterly progress report no. 1	1965
19660069149	Compilation of Nuclear, Pulsed, and Space Radiation Effects projects /U/	1965
19660069151	Radiation effects on guided missile electronic equipment V Midterm technical report, Jan. - 15 Jul. 1965	1965
19660069152	Infrared sensor arrays /U/	1965
19660069154	Continuous-wave side-looking airborne radar study /U/ Quarterly progress report no. 3, 16 Oct. 1964 - 15 Jan. 1965	1965
19660069155	[No Title]	1965
19660069157	Feasibility study on the use of metal-filled plastic shaped charge cones for the 105 mm T131E32 Heat Projectile /U/	1965
19660069158	Nimbus PRD 9600 Booster Input /U/	1965
19660069160	Design Studies of a Reusable Orbital Transport, First Stage /U/ Final Detailed Technical Report	1965
19660069164	Thin-film measurement techniques. Part II - Developments in the tunneling mechanism within aluminum-aluminum oxide-aluminum diodes Technical report, Jan. - Apr. 1965	1965
19660069165	Random vibration analysis program /Ravan/	1965
19660069166	External bioelectrodes - A battery substitute for biological telemetry systems Semiannual report, period ending Sep. 1965	1965
19660069167	Coordination distance calculation and culling procedures	1965
19660069168	Tropospheric propagation data for frequencies above 1 GHz	1965
19660069170	Radiative energy transfer on entry into Mars and Venus Quarterly report no. 12	1965
19660069171	Probability distribution of precipitation- scatter interference Quarterly status report no. 2, 1 May - 31 Jul. 1965	1965
19660069172	Project Gemini extravehicular life support system /EVLSS/ qualification test procedure	1965
19660069173	Space checkout and launch equipment. Volume II-B - Scale study, part II Final report	1965
19660069176	One micron photodetectors Interim technical report, May 16 - Oct. 24, 1964 and Feb. 13 - May 15, 1965	1965
19660069177	Development of a titanium base alloy for service at cryogenic temperatures Quarterly progress report no. 4, 1 May - 1 Aug. 1965	1965
19660069179	Photoconductor-semiconductor emitters Quarterly report, 1 Jul. - 1 Oct. 1965	1965
19660069180	High temperature thermoelectric research Quarterly progress report, Aug. - Oct. 1965	1965
19660069182	Research on millimeter-wave tubes Final report, 1 May 1963 - 31 Jul. 1965	1965
19660069183	Jet flow between walls. Detailed study of ejector pumps	1965
19660069184	Studies in parallel processing - A multiprocessor scheme for BUIC	1965
19660069185	X-band high power CW amplifier and amplifier console Quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660069186	Extra flexible tactical cable Quarterly report no. 5, 1 Apr. - 30 Jun. 1965	1965
19660069187	Maintenance-free silver-cadmium batteries for aircraft emergency applications Quarterly technical progress report, 1 Jun. - Sep. 1965	1965
19660069189	An experimental investigation of the effects of low pressure on cellular ultrastructure and cytochemistry in plants Semiannual progress report, 1 Apr. - 1 Oct. 1965	1965
19660069190	Data report of the meteorological rocket network firings. Volume XLI - January 1965 firings	1965
19660069194	Design manual for spacecraft electrical power subsystems - solar cell panels	1965
19660069199	NASA-GSFC operations plan 6-65 Beacon Explorer C satellite BE-C	1965
19660069200	Advanced orbital launch operations, phase B. Volume IV - Research and technology implications Final report	1965
19660069201	Research on relaxation processes in magnetic materials Summary technical report, Mar. 1964 - Aug. 1965	1965
19660069203	Technical analysis of audio and radio frequency detectors Final summary engineering report, 1 Jul. 1964 - 31 Mar. 1965	1965
19660069204	Feasibility Study of a Hydrogen Fuel and an Oxygen Enrichment System for the 8-foot High Temperature Structures Tunnel	1965
19660069208	A study of the geographical distribution of geomagnetic micropulsions Semiannual report no. 2	1965
19660069209	Behavior of plain concrete under various high triaxial compression loading conditions Technical report, 16 Jun. 1963 - 15 Jun. 1964	1965
19660069210	Investigation of dynamic shield response Final report	1965
19660069212	A study of the physics of ultrasoft X-rays Semiannual status report, 1 Feb. - 31 Jul. 1965	1965
19660069213	The step response of digital simulations	1965
19660069215	Hydrocarbon-air fuel cell Semiannual report no. 3, 1 Jan. - 30 Jun. 1965	1965
19660069218	The study of hydrogen bonding Progress report no. 2, 1 Jan. - 31 Aug. 1965	1965
19660069220	High speed wind tunnel tests on a series of gun projectile models	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069221	Fatigue life of the CF-100 aircraft	1965
19660069222	The influence of decarburisation on the fatigue behaviour of steel bolts	1965
19660069224	Investigation of in-flight roll control techniques for sounding rockets Progress report no. 1, 28 Jun. - 6 Aug. 1965	1965
19660069226	The constants of the semicircular canal differential equation	1965
19660069228	Mechanical design of ultraviolet stellar spectrograph Interim progress report, 1 Jun. - 31 Aug. 1965	1965
19660069230	Radiative energy transfer on entry into Mars and Venus Quarterly report no. 13	1965
19660069231	A high altitude measurement to determine the ratio of deuterium to hydrogen in the solar atmosphere Quarterly status report, 1 Sep. - 30 Nov. 1965	1965
19660069233	Aerobee 350 Machined Tank Assembly structural load/deflection test and analysis Final report, Oct. 1964 - Oct. 1965	1965
19660069235	A technique for discrimination of optical radar targets Final report	1965
19660069236	Intrinsic infrared detector development Quarterly technical progress report, 1 Jul. - 30 Sep. 1965	1965
19660069238	The use of lithium drifted germanium diodes for the gamma-spectrometric determination of radioactive fission product nuclides	1965
19660069239	Theories of swelling and gas retention in reactor materials	1965
19660069240	The X-ray diffraction intensities of the high temperature beta phase of beryllium oxide	1965
19660069241	The prevention of segregation in mixed powders by vacuum packing	1965
19660069242	Preparation and fabrication of the mononitride, phosphide and sulphide of uranium	1965
19660069243	Design criteria for typical planetary spacecraft to be sterilized by heating, volume I, phase I Final report	1965
19660069244	Cardiovascular adaptation during long-term weightlessness Semiannual status report, 1 May - 31 Oct. 1965	1965
19660069245	Development of improved heat shielding. Volume I - Base heat shield	1965
19660069247	On the nonlinear theory of sandwich shells, addendum Final report	1965
19660069248	Addendum to Saturn Guidance Signal Processor /GSP-24/ Final report, 1 Jul. 1964 - 7 May 1965	1965
19660069249	Investigation of particle growth and ballistic effects on solid-propellant rockets Third quarterly technical progress report, 1 Jul. - 30 Sep. 1965	1965
19660069250	Selecting liquid level transducers for cryogenic service	1965
19660069252	The performance and design study of plenum chamber combustion for V/STOL aircraft Quarterly report, Aug. 16 - Nov. 15, 1965	1965
19660069253	A digital higher order interpolation path controller	1965
19660069254	Electronic properties of organic semiconductors Fourth quarterly technical report	1965
19660069255	Development of improved electrodes for fuel cells Final report, 17 May 1964 - 17 May 1965	1965
19660069256	Theoretical and laboratory investigations in radio astronomy Status report no. 4, 1 Jul. - 30 Sep. 1965	1965
19660069257	Ion bombardment of tungsten by inert-gas ions and subsequent adsorption of oxygen as observed in the field emission microscope	1965
19660069258	Analyses of spherical bulbs on a ship bow	1965
19660069259	Multiple slip processes in magnesium aluminate at high temperatures Technical report no. 1	1965
19660069260	Ionization rate of air behind high speed shock waves	1965
19660069261	Progress in bioelectronics, electron physics, plasma physics, quantum and optical electronics, solid-state electronics, radiation, wave propagation, and systems Semiannual progress report 16 Nov. 1964 - 30 Oct. 1965	1965
19660069262	Flame temperature measurement of metalized propellant Second quarterly technical report, 19 Aug. - 18 Nov. 1965	1965
19660069263	Model XH-51A rigid rotor helicopter program Final summary report	1965
19660069264	Tarantula - A 100 kV pinch discharge apparatus for studying shock waves	1965
19660069265	Lightweight coaxial cable assemblies First quarterly progress report, 1 Feb. - 30 Apr. 1965	1965
19660069266	Aerobee AF 3.523 /9 November 1965/ Meteorological data report	1965
19660069267	Aerobee AF 3.520 /3 November 1965/ Meteorological data report	1965
19660069268	Research on materials essential to cryo-cooler technology Quarterly progress report, Jun. 1 - Sep. 1, 1965	1965
19660069269	SNAP-50/SPUR Quarterly technical progress report, period ending Jun. 30, 1965	1965
19660069270	Athena flight no. 032 /5 November 1965/ Meteorological data report	1965
19660069271	A fracture criterion for orthotropic plates under the influence of compression and shear	1965
19660069272	Integrated magnetic variable gain networks Third interim technical report, 1 Jul. - 30 Sep. 1965	1965
19660069273	Energy coupling in gas discharges induced by optical radiation	1965
19660069274	AMRAD fourth stage BE-3-A5 rocket motor Quarterly progress report no. 5, 20 Jun. - 20 Sep. 1965	1965
19660069275	SNAP-50/SPUR Quarterly technical progress report, period ending Sep. 30, 1965	1965
19660069276	Acoustics in southern France	1965
19660069277	Hydrogen movement in steel - Entry, diffusion, and elimination	1965
19660069278	A unified theory of thermomechanical materials	1965
19660069280	Study of the dynamic stress-strain and wave-propagation characteristics of soils. Report 3 - Measurements of stress-strain, peak particle velocity, and wave-propagation velocity in three sands	1965
19660069284	Image interpretation cell electronic data storage study	1965
19660069285	Partially unrestricted Hartree-Fock calculations of light atoms	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069286	Comparative study of IIT Research Institute experimental rocket nozzle inserts, 10 June 1964 - 30 September 1965	1965
19660069287	High temperature deformation of alumina-rich spinel single crystals in compression Technical report no. 3	1965
19660069288	Stresses in and deformation of a prestressed very thin shell subject to additional load Final report	1965
19660069289	Induced magnetic field due to the motion of a conducting sphere	1965
19660069290	Elastomeric and mechanical properties of poly-m-carboranylenesiloxanes	1965
19660069292	An interferometric study of a 3/4-inch sphere at Mach 9.66 in air	1965
19660069293	Application of the finite element method to stress analysis of solid propellant rocket grains, volume I	1965
19660069294	High temperature polymers from 1,3-dipolar addition reactions Quarterly progress report, 1 Aug. - 30 Oct. 1965	1965
19660069295	Linear theory of micropolar elasticity	1965
19660069296	Research and development on high-power crestatrons for the 100-300 MC frequency range Final report, Jul. 1, 1960 - Dec. 31, 1965	1965
19660069297	Novel microwave filter design techniques First quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660069298	The investigation of a method for remote detection and analysis of line on a planet Final report	1965
19660069302	Exploratory development of high resolution television camera tubes Interim engineering report, 1 Jul. - 10 Sep. 1965	1965
19660069303	Analytical derivation of statistical distributions of parameters of minimal sphere coverings	1965
19660069304	Pi-pair photoproduction below 1 BeV	1965
19660069306	Stability of tricalcium phosphate used as anti-caking agent with ammonium perchlorate	1965
19660069307	Phase analysis and crystal structure studies on binary alloys of aluminum with transition metals Quarterly technical summary report, 1 Apr. - 30 Jun. 1965	1965
19660069309	EM phenomena in the ELF range - Natural background noise and instrumentation for its measurement	1965
19660069310	Production engineering measure for a K-a band inverted coaxial magnetron, volume II FINAL progress report, May 1963 - Jul. 1965	1965
19660069311	Transverse form factors of excited states in α 16	1965
19660069312	Research and development in hydroacoustic transduction Final report	1965
19660069313	Aerodynamic performance analysis SLV-31 Agena/Gemini target	1965
19660069314	HECTIC, a two-dimensional interaction code, volume II Addendum to optical interactions	1965
19660069315	High temperature polymers, part III Final report	1965
19660069316	Equipment description of a flight path control system for helicopters/VTOL aircraft Final report, Aug. 1963 - 30 Mar. 1965	1965
19660069317	Pitot pressure survey of the flow field of a 70-deg swept blunted delta wing at angle of attack Technical report, 16 Jul. - 11 Aug. 1965	1965
19660069318	Research and development program of thermionic conversion of heat to electricity Quarterly technical summary report no. 2, Sep. 30 - Dec. 31, 1964	1965
19660069319	Some factors affecting the mass spectrometric determination of hydrogen in deuterium	1965
19660069322	Evaluation program for radioactive waste incineration /supplement/	1965
19660069323	Some observations on earth penetration by a projectile	1965
19660069324	Evaporation kinetics of liquid droplets and droplet assemblages in air Final report, Sep. 1, 1964 - Sep. 30, 1965	1965
19660069326	Potentiometric titration of quaternary ammonium iodide salts	1965
19660069327	Production engineering measure for a Ka-band inverted coaxial magnetron, volume I Final progress report, May 1963 - Jul. 1965	1965
19660069332	Electrostatic charge generation in filter/separator vessels Final report, 15 Jun. - 20 Aug. 1963	1965
19660069333	Cadmium electrodes for Cd-HgO and Cd-MnO ₂ cells and characteristics of some test cells	1965
19660069334	CARDEPLEX Magpie rocket motors	1965
19660069335	An experimental program for relating transfer of training to pilot performance and degree of simulation Final report, Jun. 1963 - Jul. 1964	1965
19660069336	Bending of rectangular orthotropic plates under concentrated load with two opposite edges simply supported	1965
19660069337	Fourth progress report by the Materials Advisory Board Committee on Beryllium Metallurgy	1965
19660069338	Study of dynamic and static seals for liquid rocket engines Final report, 1 Jan. - 1 Sep. 1965	1965
19660069339	In-flight liquid hydrogen density measurement program Third progress report, period ending 31 Dec. 1964	1965
19660069341	Preparation of synthetic fiber papers by latex bonding	1965
19660069344	United States supersonic transport program. Questions and answers	1965
19660069345	Proceedings of the Conference on Propellant Tank Pressurization and Stratification, Volume I	1965
19660069346	Analytical investigation of some important parameters in the pressurized liquid hydrogen tank outflow problem	1965
19660069347	Experimental and analytical studies of cryogenic propellant tank pressurization	1965
19660069348	Fast response thermocouple for measurement of temperatures in cryogenic gases	1965
19660069349	Propellant tank pressurization by internal combustion	1965
19660069350	A cryogenic helium pressurization system for the Lunar Excursion Module	1965
19660069351	Bulk liquid interfacial mass transfer with variable ullage pressure. Dimensionless mass transfer alignment chart for suddenly pressurized liquid-vapor systems	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069352	Thermal analyses and design of liquid hydrogen tank fluid line fittings	1965
19660069353	Thermal design of cryogenic heat exchangers for space vehicle pressurization systems	1965
19660069354	Weight optimization of a gas generator/heat exchanger subsystem during the initial design of a pressurization system - Two computer programs	1965
19660069355	Digital computer analysis of pneumatic pressure regulator dynamics	1965
19660069356	Servomechanism approach to facility tank pressurization	1965
19660069357	Cryogenic storage of helium for propellant tank pressurization	1965
19660069358	Prediction of space vehicle thermal characteristics	1965
19660069371	Listing of internal publications on SES SHOCK and blast research Suffield special publication no. 34	1965
19660069373	Mission requirements for manned Mars and Venus exploration Executive summary report	1965
19660069374	Synthesis and properties of polymer-isomer siloxane rubbers	1965
19660069375	Excitation and detection of acoustic waves in plasmas	1965
19660069378	Generation of light by an electron beam grazing a diffraction grating	1965
19660069379	A third study on performance upon sudden awakening, March 1962 - January 1965	1965
19660069380	Thermophysical and transport properties of liquid metals Second quarterly progress report, Jun. - Aug. 1965	1965
19660069381	Theoretical continuous spectral distributions of filtered radiation generated at constant potentials from 30 to 250 kV	1965
19660069382	A technique to measure wake densities by Rayleigh scattering	1965
19660069383	Effects of noise on hearing and performance	1965
19660069384	Force tests of seven configurations of a folding fin aircraft rocket at transonic speeds, September 3-15, 1965	1965
19660069386	Nondestructive test results and altitude performance of four aged Mark 11 reentry vehicle pitch motors, September 15-23, 1965	1965
19660069387	The synthesis of amino-1,2-dithiacyclanes Final technical report, Sep. 1, 1959 - Aug. 31, 1965	1965
19660069388	Spectroscopy of supersonic plasma. III - Electron temperature measurements in argon plasma by two independent methods	1965
19660069389	A study of surface phenomena on organic solids Final report, 10 Jun. 1964 - 9 Aug. 1965	1965
19660069390	Determination of performance characteristics of Rotron vortex-velocity flowmeters An evaluation report	1965
19660069392	Hologram camera and reconstruction system for assessment of explosively generated aerosols Final report	1965
19660069393	Preliminary study on the effect of multiple and modulated tones on perceived noisiness	1965
19660069394	Tapered structures for travelling wave tube amplifiers Final report	1965
19660069395	Methods of preparing and measuring the rheological properties of boron slurry fuels Technical report, Jun. 1964 - Apr. 1965	1965
19660069396	Gemini mission GT-6 hazard evaluation. Orbital debris reentry hazards study	1965
19660069397	Large area semiconductor surface passivation, production refinement program Final report, 1 Jul. 1963 - 31 Mar. 1965	1965
19660069401	Design and performance of lightweight inflatable shadow shields for cryogenic space vehicles	1965
19660069404	Advanced orbital launch operations, phase B. Volume II - Technical report. Part I - Orbital launch operations systems and applications Final report	1965
19660069405	Locking pin assembly, NASA drawing number D75M04141 Test report	1965
19660069406	3-way ball valve - Flodyne Controls, Inc. model number 10D35, NASA drawing number B75M01273 and thermistor assembly NASA DRAWING number C75M-02035	1965
19660069407	The Foxboro Company pneumatic strip chart recorder model 5310-E	1965
19660069410	Planetary meteorology Quarterly progress report no. 2, 1 Jul. - 30 Sep. 1965	1965
19660069411	The Foxboro Company pneumatic temperature transmitter model 44BT-ITA-1A	1965
19660069412	Power supply, the Foxboro Company model 610, part number N121CB-N Test report	1965
19660069413	Design, fabrication, and installation of a communication antenna	1965
19660069414	High altitude investigations on the Saturn S-II stage using short-duration techniques. Part II - Prototype base environment	1965
19660069415	Reference pressure regulator, Rocketdyne part number 553645, NASA drawing number B10437906 Test report	1965
19660069418	Phonon-electron spin interactions in paramagnetic salts Semiannual status report, Dec. 15, 1964 - Jun. 15, 1965	1965
19660069419	Mission support studies Twelfth monthly progress report, Dec. 1964	1965
19660069423	The Foxboro Company differential pressure transmitter, model 13HA-MS1 Test report	1965
19660069424	Study of cold welding in ultra-high vacuum as a function of surface contamination Quarterly progress report, Jun. 4 - Sep. 30, 1965	1965
19660069425	Valve, ball shutoff, Flodyne Controls, Incorporated, part number 10C15, NASA DRAWING number B75M00455 Test report	1965
19660069426	The Foxboro Company pneumatic computer, model 46S-8-42 Test report	1965
19660069427	The Foxboro Company power signal conditioner, model Q100A1142 Test report	1965
19660069428	The Foxboro Company current repeater, model 66BR-H2-N Test report	1965
19660069429	Mark couplings, part numbers 1239016-06-1 /male/ and 1239016-05-1 /female/ Test report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069430	The Foxboro Company electronic recorder, model 6410 DR-2 Test report	1965
19660069431	Mechanical filter, Robbins Aviation, Inc., part numbers RAF-2-SPEF-769 and RAF-SPE/A847/, NASA drawing number B75M50173 Test report	1965
19660069432	The Foxboro Company current-to-air transducer, model 69TA Test report	1965
19660069433	Advanced valve technology for spacecraft engines Final report, Jul. 1964 - Aug. 1965	1965
19660069435	Pure fluid devices Fifteenth technical report, 1 Feb. 1964 - 30 Apr. 1965	1965
19660069436	Optimization of hydraulic thrust vector control systems for launch vehicles. Volume I - Study program description and results Final technical summary report	1965
19660069437	Development of ultrahigh strength, low density, aluminum plate composites Progress report no. 19, 1-31 Jan. 1965	1965
19660069438	Handbook of cavitation damage	1965
19660069439	A second study on performance upon sudden awakening	1965
19660069440	Investigation of mixing in a cold model of a gas-heated glass-melting furnace. Part II - Experiments with models including simulation of the expansion of the gases during combustion	1965
19660069441	Diode phase shifter module Interim development report, 9 Apr. - 9 Jul. 1965	1965
19660069442	The Foxboro Company electronic thermistor converter, model 694P-2A Test report	1965
19660069444	The Foxboro Company signal conditioner, model Q100A-1175 Test report	1965
19660069445	The Foxboro Company dynatherm resistance bulb, model DB-13N-26W	1965
19660069448	An acoustic ray tracing method for digital computation	1965
19660069450	The resistance of plastic propellant to gravitational stresses	1965
19660069456	A study of the surface barrier silicon detector Quarterly progress report, Jul. 1 - Sep. 30, 1965	1965
19660069457	01 standard payload module and dielectric materials experiment. Preliminary definition plan. Appendix A - Systems analysis report	1965
19660069459	01 standard payload module and dielectric materials experiment MSFC no. 1. Preliminary definition plan. Appendix B - Experimenters' guide /preliminary/	1965
19660069460	Automatic dynamic disturbance servo evaluator Summary report, 19 Mar. - 15 Sep. 1965	1965
19660069461	Effects of high intensity-low frequency sound pressure from rocket engines on - I. Human audition, II. The vestibular system, and III. The nervous system and performance	1965
19660069462	Development of EBW firing unit Second quarterly report, Sep. 1 - Nov. 30, 1965	1965
19660069463	Ratscat Final report, Jul. 1962 - Jul. 1964	1965
19660069464	Development of an olive drab solar heat reflecting and low visibility enamel Final report	1965
19660069465	Development of radiac instruments Interim report	1965
19660069466	High specific impulse thermal arc jet thruster technology Interim report, 1 Apr. - 30 Sep. 1965	1965
19660069467	Investigation of the para-ortho conversion of hydrogen Final report, Jul. 1963 - May 1965	1965
19660069468	Research on failure of equipment when subject to vibration Final report, Jul. 10, 1961 - Oct. 9, 1965	1965
19660069471	Technical analysis of cathode ray oscilloscopes Final summary engineering report, 1 Jul. 1964 - 31 Mar. 1965	1965
19660069472	Effect of electron concentration on the interface energies of chromium, molybdenum, and tungsten, Parts I and II Final report, 1 Dec. 1962 - 30 Sep. 1965	1965
19660069473	Effect of rhenium on the interface energies of chromium, molybdenum, and tungsten	1965
19660069474	Mechanisms of grain-boundary grooving in chromium, molybdenum, tungsten, Cr-35Re, Mo-33Re, and W-25Re	1965
19660069479	Investigation of a subliming solid bipropellant control rocket Monthly progress reports 15 and 16, Jul. 1 - Aug. 31, 1965	1965
19660069482	Analysis of the flow and minimum pressures in pipe bends	1965
19660069484	Development of microwave NDT inspection techniques for large solid-propellant rocket motors Quarterly progress report no. 2, 1 Jul. - 3 Oct. 1965	1965
19660069487	General problems associated with determining propellant and stage masses of space vehicles under prelaunch and flight conditions Sixth quarterly progress report, period ending 30 Apr. 1965	1965
19660069488	Sound propagation prediction Mid-contract technical report, 1 Jul. - 31 Dec. 1964	1965
19660069490	Further development of a ductile tungsten-base sheet alloy Final report, 19 May 1964 - 31 Oct. 1965	1965
19660069491	An annotated bibliography of protective structures research Technical report, Feb. - Jul. 1965	1965
19660069492	Improved electron fractographic techniques, volume I Quarterly report no. 1, Jul. 30 - Sep. 1965	1965
19660069493	A time shared spiral scan and cursor system Phase report	1965
19660069494	Arc discharge sources Final report, 16 Oct. 1964 - 15 Nov. 1965	1965
19660069499	Angular momentum calculation from intranuclear cascades	1965
19660069500	The Foxboro Company pneumatic computer, model 46S-9-42 Test report	1965
19660069503	Design, development and delivery of one /1/ breadboard and three /3/ production units of a 75 VA integrated static inverter Monthly report no. 4	1965
19660069506	Saturn launch vehicle Apollo extension system experiment integration study. Volume III - Artificial gravity by rotating a flexibly coupled space station	1965
19660069508	Saturn launch vehicle Apollo extension system experiment integration study. Volume II - Experiment selection criteria	1965
19660069509	Propellant droplet study under combustion conditions Second quarterly status report, 6 Nov. 1964 - 31 Jan. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069510	Combustion stability rating techniques Quarterly progress report, period ending 30 Sep. 1965	1965
19660069511	Saturn launch vehicle Apollo extension system experiment integration study. Volume VI - Expandable structure satellite experiments	1965
19660069513	Special events relating to flight handling and airspeed operating practices during normal civil operations between January 1964 and November 1964	1965
19660069514	Study of an endothermic fuel for the Atlas rocket motor Final report, 1 Jun. 1964 - 31 May 1965	1965
19660069515	Investigation of friction of polyamide	1965
19660069517	Honeycomb ceramic radome techniques Quarterly report, Jul. 1 - Oct. 1, 1965	1965
19660069519	Communications systems implications of Thai speech Special technical report no. 1	1965
19660069520	The thermodynamics of the silica/silicon- oxygen vapor system	1965
19660069521	High energy crystalline laser materials Fourth quarterly letter report	1965
19660069522	Saturn launch vehicle, Apollo extension system, experiment integration study. Volume IV - Launch of unmanned satellites with manned participation in orbit	1965
19660069523	Determination of the mechanism of inhibitive chromate primers Final technical report, Jun. 22, 1964 - Jun. 22, 1965	1965
19660069524	The direct asymmetric hypersonic blunt-body problem	1965
19660069526	Research program on the management of science and technology. Impact of government procurements on employment in the aerospace industry	1965
19660069527	Investigation of radar and microwave radiometric techniques for geoscience experiments which may be carried out in manned orbiting spacecraft Quarterly progress report, Jun. 1 - Aug. 31, 1965	1965
19660069529	Crack propagation in strain controlled fatigue Semiannual report no. 1	1965
19660069530	The Enskog modulus for p-hydrogen in the gaseous and liquid states	1965
19660069531	Mechanisms of learning integration and behavior in planaria Progress report, May 1 - Oct. 31, 1965	1965
19660069532	Experimental investigation of internal resistance shock tube driver gas heating systems Monthly technical progress report no. 8, Jan. 1965	1965
19660069533	Studies of manufacturing checkout for orbital operational stages and control of automated stage checkout Summary report	1965
19660069536	Design, development, fabrication, and delivery of improved MOS transistors First quarterly progress report, May 21 - Aug. 21, 1965	1965
19660069537	An examination of the J-2 rocket engine acoustic data	1965
19660069538	On the stability of singular points of a class of differential equations	1965
19660069539	The arrhenius activation energy of electrical conductance of aqueous lithium and cesium chloride solutions in the minus 2 to plus 12 deg C range	1965
19660069540	Aerodynamic characteristics of a 3/4 power law body with different bluntness ratio noses at supersonic speeds	1965
19660069541	Individual respiratory protection against chemical and biological agents Second quarterly report, 1 Oct. - 31 Dec. 1964	1965
19660069542	Measurement of electrical conductivity in a low-density supersonic plasma	1965
19660069543	Copper anodes in phosphoric acids Final report, 1 Aug. 1960 - 1 Feb. 1965	1965
19660069544	Investigation of the nature of structural damage in metal-forming processes Quarterly report, 19 Jan. - 18 Apr. 1965	1965
19660069546	Reaction rate data - The hydrogen/oxygen system	1965
19660069547	Transformerless n-port symmetrical transmission-line synthesis	1965
19660069549	Research on compact and efficient antennas Final report, 31 Oct. 1964 - 30 Jun. 1965	1965
19660069550	Continuous processes for functional electronic blocks Interim technical documentary report no. 7, 1 Jan. - 31 Mar. 1965	1965
19660069551	Investigation and development of light restrictive visors, systems, components and ancillary devices Final report	1965
19660069553	Research for solubility of interstitials in columbium. II - A study of columbium-rich alloys in the ternary systems Cb-Hf-O, Cb-Hf-N and Cb-Hf-C Technical report, 15 Apr. 1963 - 1 Jun. 1964	1965
19660069554	Study of multi-signal performance of traveling-wave tube amplifiers Final report, 30 Jun. 1964 - 31 Mar. 1965	1965
19660069555	A correlation of pressure theories for spheres, cylinders, and cones at high angles of attack	1965
19660069556	Calculation of the flow field of a jet impinging on a surface	1965
19660069557	Computed theoretical models of the lower ionosphere	1965
19660069558	Control of automated stage checkout Final report	1965
19660069559	Model representation of aging viscoelastic materials	1965
19660069560	High altitude clear air turbulence Interim report, Apr. 1963 - Feb. 1965	1965
19660069561	Presentation of Information for Maintenance and Operation /PIMO/ on UH-1F Status report no. 4 /final/, 15 Feb. - 24 Sep. 1965	1965
19660069563	Laboratory vacuum ultraviolet spectroscopy Status report no 2, 1 Jan. - 30 Jun. 1965	1965
19660069564	Radio communications study on noise threshold reduction Final report, 1 Mar. - 31 May 1965	1965
19660069565	Development and evaluation of a self-locking device incorporated in MS 21921-8 flareless nut	1965
19660069566	A compilation of radiant and convective heating test results	1965
19660069568	Sparta planning trajectory no. II	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069569	Development of multiple pulse reactor package VTOL lift engine "6-pack" Final report	1965
19660069570	01 standard payload module and dielectric materials experiment MSFC no. 1 Preliminary definition plan	1965
19660069571	Evaluation of dissimilar metal tubing joint for the Gemini radiator	1965
19660069573	Electronic structure of solids Semiannual report, 1 May - 31 Oct. 1965	1965
19660069574	APT, on-board gridding system. Phase II - Breadboard development Quarterly report no. 1	1965
19660069579	Heat flux and surface stress on and near an island in the Trade Wind region Fifth interim progress report, Jun. 30, 1964 - Jun. 15, 1965	1965
19660069582	Thermoelectric power conversion feasibility Quarterly progress report, Sep. 26 - Dec. 25, 1964	1965
19660069585	Compilation of dynamic equation of state data for solids and liquids	1965
19660069586	Biomedical potential of a centrifuge in an orbiting laboratory Technical documentary report, Sep. 1964 - Feb. 1965	1965
19660069587	Manufacturing process development for high strength steels. Phase II - Process development 18Ni-Co-Mo maraging and 9Ni-4Co quench and temper high strength steels Eighth interim engineering progress report 1 Nov. 1963 - 1 Apr. 1964	1965
19660069588	Development of an aerodynamic hot-gas valve for thrust vector control Final report, 15 May 1964 - 30 Sep. 1965	1965
19660069590	The development of free turbulent shear layers Technical report, Jul. 1963 - Dec. 1964	1965
19660069591	A three-watt low-noise traveling-wave tube for C-band Interim development report, 1 Jul. - 30 Sep. 1965	1965
19660069594	The incidence of aeroembolism resulting from rapid decomposition following exposure to a mixed gas atmosphere at a pressure of 380 mm Hg	1965
19660069596	Nuclear magnetic resonance in ferromagnetic and antiferromagnetic alloys Final technical report, Jun. 1, 1964 - May 31, 1965	1965
19660069598	Response of hotshot tunnel pressure measuring systems to a suddenly applied pressure Technical report, Jun. 1, 1964 - Jan. 1, 1965	1965
19660069599	Development of improved cutting tool materials Interim engineering progress report, 16 Aug. - 15 Nov. 1965	1965
19660069600	AFCRL participation in Project Banshee	1965
19660069601	Development of rolling process for titanium compressor blades Interim engineering progress report, 1 Sep. - 30 Nov. 1965	1965
19660069602	Development of the thermistor-type rf hazard detector	1965
19660069604	Research on integrated microwave circuits Final technical report, 1 Nov. 1964 - 31 May 1965	1965
19660069605	Effects of fuel slosh on the dynamic characteristics of the aerospaceplane Final report, Jun. 1963 - Jan. 1965	1965
19660069606	A feasibility study of an escape capsule system for high-speed aircraft	1965
19660069608	Early performance decrement in primates following pulsed ionizing radiation	1965
19660069609	Elastic constants of small sintered ceramic specimens Technical report, Jun. 1964 - Jun. 1965	1965
19660069610	Eighteenth materials review	1965
19660069611	Integrated circuitry for electronic beam steering of wide-band slot antennafier arrays	1965
19660069612	Investigation of variations with temperature of infrared detector cell parameters Final report, 18 Jun. 1964 - 17 May 1965	1965
19660069614	A computer model for the simulation of tactical signal environments	1965
19660069615	Solid film lubrication research Quarterly progress report, 1 Sep. - 1 Dec. 1965	1965
19660069616	Self-organizing spacecraft attitude control Final report, 15 Jun. 1964 - 30 Jun. 1965	1965
19660069617	Drag and stability of guide surface, ribbon, and ringslot parachutes at high subsonic speeds Final report, Apr. 1963 - Mar. 1965	1965
19660069618	Study of vacuum welding Interim report 2 Mar. 1964 - 15 Jun. 1965	1965
19660069619	Coherent optical propagation study Final report	1965
19660069620	An optimal reassignment algorithm	1965
19660069621	PAD propellant for use at high temperatures. Part II - Exposure of nitrate ester propellants to high temperatures, and ballistic feasibility of composite propellants in PAD cartridges Technical report Dec. 1959 - Oct. 1962	1965
19660069622	Effect of prolonged grinding of zinc oxide	1965
19660069623	Sedimentation of chemically reacting macromolecules. III - Application to isomeric and dissociative reactions	1965
19660069625	Calibration and use characteristics of the IM-174/PD radiometer	1965
19660069626	Investigation of microwave phase and time delay equalizers Third quarterly report, 1 Jan. - 30 Jun. 1965	1965
19660069627	Development of ultrasonic welding equipment for refractory metals Interim technical progress report, 14 Aug. - 13 Nov. 1965	1965
19660069629	Ultrahigh vacuum effects on the mechanical behavior of metals	1965
19660069630	Study of the dynamic stress-strain and wave- propagation characteristics of soils. Report 4 - Concepts of shock behavior in a granular medium	1965
19660069631	Treatment of non-isothermal Knudsen cell effusion data Technical report, May 1964 - Jan. 1965	1965
19660069633	A laboratory investigation of the effects of radiation on the propagation of electro- magnetic signals in air First quarterly report, 1 Jun. - 31 Aug. 1965	1965
19660069634	BeO ceramics for microwave applications Second quarterly report, Jul. 10 - Oct. 10, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069635	Generator, direct current, G-54/ //G /hand-cranked/ Interim report, 1 Jan. 1962 - 31 Jul. 1965	1965
19660069636	Research on selective fluorination techniques Quarterly progress report no. 8, 1 Aug. - 31 Oct. 1965	1965
19660069637	Explosive instabilities in condensed phase monopropellants First quarterly report	1965
19660069638	The effect of wind on flames /continuation study/	1965
19660069639	Doppler radar navigation system for COIN OPERATIONS /RYANAV-IV Doppler radar navigation system/ Final report, Mar. 1963 - May 1965	1965
19660069640	Hypersonic wake project Semiannual report, 1 Jan. - 30 Jun. 1965	1965
19660069641	Personnel communications for location, retrieval, and rescue Final engineering report, May 1964 - Sep. 1965	1965
19660069642	Solid-state optical maser research Quarterly report no. 2, 15 May - 14 Aug. 1965	1965
19660069643	The tensile fracture characteristics of metals under hydrostatic pressures to 23 kilobars Technical report	1965
19660069644	Effect of long-time exposure at 550 deg F on the mechanical properties of AM350 SHEET material Final report, 1 Jun. 1961 - 30 Oct. 1965	1965
19660069645	Observations of planets and quasi-stellar radio sources at 3 mm	1965
19660069646	Particle bombardment bonding and welding investigation Quarterly progress report no. 3, 15 Jun. - 14 Sep. 1965	1965
19660069647	Coherent optical parametric techniques Final report	1965
19660069648	Giant pulse laser operation with semiconductor mirrors	1965
19660069649	Error analysis of a circular directive array for a synchronous satellite	1965
19660069650	High power mercury switch study Final report, Jun. 1964 - Jun. 1965	1965
19660069651	Specification and prediction of pressure, temperature, and density in a silent area	1965
19660069652	The effect of intermediate heavy frames on the elastic general-instability strength of ring-stiffened cylinders under external hydrostatic pressure	1965
19660069653	Investigation of possible advantages of utilizing heated rolls for hot-rolling metals Quarterly progress letter report no. 2, Aug. 18 - Nov. 18, 1965	1965
19660069655	Trajectory considerations of an aircraft torpedo with a gliding parachute Final report, Apr. 1963 - Apr. 1965	1965
19660069656	High resolution emission spectra of some laser plumes	1965
19660069657	Exploratory development work on families of welded fittings for rocket fluid systems Final report, Apr. 1964 - Mar. 1965	1965
19660069658	Silver-zinc missile power supply Quarterly technical progress report, 1 Jul. - 30 Sep. 1965	1965
19660069659	Research studies to improve the spectral response and efficiency of photoemitters Interim technical report, 29 Apr. - 28 Jul. 1965	1965
19660069660	Ceramic resonator material for I.F. FILTERS Quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660069661	Development of electron gun with non- intercepting grids Final report, 14 May 1963 - 30 Aug. 1965	1965
19660069662	Ion implantation junction techniques Quarterly technical progress report, 16 Aug. - 15 Nov. 1965	1965
19660069664	Fabrication and study of photoconductor- tunneling electron emitter Interim technical report, 8 Jun. - 7 Sep. 1965	1965
19660069665	Nike-Apache Speedball II, round no. 76 SN 33 /5 October 1965/ Meteorological data report	1965
19660069666	A method of improving performance of image-producing scanners by use of reticles	1965
19660069667	A feasibility study of the application of photoelastic techniques to electro-optical signal processing Preliminary report	1965
19660069668	NF-104A aerospace trainer evaluation Technical report, 28 Oct. 1963 - 16 Feb. 1965	1965
19660069669	High speed electronic tuning techniques First quarterly progress report, 1 Jun. - 30 Aug. 1965	1965
19660069670	Polyimide plastics - A state-of-the-art report	1965
19660069671	Electron injection laser First quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660069672	Effect of electron-hole recombination processes on semiconductor reflectivity modulation	1965
19660069673	Some problems of flow laminarization on a slender delta wing	1965
19660069674	Higher frequency ultrasonic light modulators	1965
19660069675	Dissociation constants of derivatives of 8-quinolinol Progress report	1965
19660069676	Preparation and investigation of high strength wires Summary technical report no. 1, 1 Jun. 1964 - 31 May 1965	1965
19660069677	Development of nondestructive methods for the evaluation of organic non-metallic metals Technical report, 1 Jul. 1964 - 31 May 1965	1965
19660069678	Contamination sources considered for the Vela spacecraft mission	1965
19660069679	Cryogenic design data for materials subjected to uniaxial and multiaxial stress field Technical report, Feb. 1964 - Mar. 1965	1965
19660069680	Selection techniques for brittle materials. Volume I - Evaluation of ZrB2 - MoSi2 as a structural refractory ceramic body Technical report, Jul. 1963 - Apr. 1965	1965
19660069681	Predict, volume I Final report, 1 Jul. 1964 - 1 May 1965	1965
19660069682	Convective heat flux transducer development Technical report, Apr. 1964 - Apr. 1965	1965
19660069683	Vacuum testing of expandable self-rigidizing structures Technical report, Jul. 14 - Aug. 19, 1965	1965
19660069684	Research on extruding, drawing and heat treating of titanium Interim engineering progress report, 1 Aug. - 31 Oct. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069685	Empirical bayes and subminimax approach to sequential decision problems and applications Technical report, Sep. 1964 - Jun. 1965	1965
19660069686	Development of a fiberglass segmented rocket motorcase Final report, Apr. 1962 - Mar. 1965	1965
19660069687	Mechanical behavior of 18 Ni-7 Co-5 Mo /250 KSI/ maraging steel under biaxial stress and rapid heating	1965
19660069688	Dendritic solar cell and array investigation Final report, Sep. 1963 - Aug. 30, 1965	1965
19660069689	Category III system operational test and evaluation of the UH-1F Final report, 2 Nov. 1964 - 31 Mar. 1965	1965
19660069691	Research on electron-photon interaction phenomena Interim technical report, 3 Jun. 1964 - 2 Sep. 1965	1965
19660069693	Camera tube with internal image-motion compensation Tenth quarterly progress report, 1 May - 31 Jul. 1965	1965
19660069694	Optical spectral of some low-molecular weight compounds using the matrix isolation technique Quarterly technical summary report, Aug. 13 - Nov. 13, 1965	1965
19660069695	A study of design philosophy and implementation for the control of tactical digital switching centrals in the future field army Fourth quarterly progress report, period ending Jun. 30, 1965	1965
19660069696	Investigation of phase velocities of long period surface waves and focal mechanism studies Final report, Aug. 1, 1960 - Aug. 31, 1965	1965
19660069697	Development of an active thin-film device	1965
19660069699	Transonic flow in the throat region of an annular nozzle with an arbitrary smooth profile	1965
19660069700	Welding of plastics by vibrofriction	1965
19660069701	Investigation of various full-scale parachutes at Mach number 3.0	1965
19660069702	Boundary layer and wake calculations for slender cones with slight nose blunting	1965
19660069703	Instantaneous overvoltage protection for aircraft ac generator	1965
19660069705	Some applications of synthesised negative resistance characteristics to ring counter design	1965
19660069707	A ballistic pendulum for the measurement of impulse produced on a target material by a focused laser beam	1965
19660069708	Balanced direct-coupled transistor amplifiers	1965
19660069710	Techniques for machining components from 115 ton high tensile low alloy steel	1965
19660069713	The flow of a rotating fluid over a rotating aerofoil	1965
19660069714	Leakage and secondary flows in axial compressor cascades	1965
19660069715	The principle of a nylon rope catapult for testing parachutes	1965
19660069716	A possible external insulation for high speed aircraft	1965
19660069717	Snatch-tearing of fabrics - Apparatus, and application to a light-weight fabric	1965
19660069718	Point analysis of a zoned cassiterite	1965
19660069720	X-ray investigations of polyvinyl chloride	1965
19660069722	Experimental induction of sensations corresponding to flight illusions of the vestibular apparatus	1965
19660069723	The coriolis phenomenon. Study of threshold values	1965
19660069725	Maghemite of the sedimentary iron deposit of Gara Djebilet /Western Sahara/	1965
19660069726	Cobalt-bearing inclusions in chalcopyrite at Azegour /Morocco/	1965
19660069727	On the exact mineralogical nature of exsiliencies in "ilmnites" from Madagascar determined under the electron microprobe	1965
19660069728	Nature and chemical composition of mica from two lamprophyres	1965
19660069729	Roquesite, first mineral form of indium	1965
19660069730	Non-linearity of porous absorbers under superposed flow	1965
19660069731	Comments on the measurement of gas-dynamic parameters by means of the DISA 55A01 hot- wire anemometer	1965
19660069739	The nucleation and growth of S prime precipitates in an aluminum-2.5 percent copper-1.2 percent magnesium alloy	1965
19660069740	The temperature of a vinyl layer in an electrically heated windscreen during warm-up	1965
19660069741	A testing technique for the effects on aircraft of water or slush on runways	1965
19660069742	The thermal decomposition of 4,4 prime-bis/pentafluorophenylthio/ octafluorobiphenyl	1965
19660069743	The transonic flow in the throat region of a two-dimensional nozzle with walls of arbitrary smooth profile	1965
19660069745	Radiation physics research	1965
19660069746	Association of magnetite-chromite-pentlandite in some iron-ore deposits in Greece	1965
19660069748	Alteration of the hemoglobin and albumin content in the blood serum during muscular work and perspiration	1965
19660069749	Photogrammetric data editing, processing and analysis techniques for a smoke trail wind profile measurement program	1965
19660069750	Development of AFRPL threaded fittings for rocket fluid systems Summary report, Dec. 1963 - Mar. 1965	1965
19660069751	Application of materials to advanced nozzle and hot gas control systems, volume I Summary report, 1 Jul. 1963 - 1 Oct. 1964	1965
19660069752	Scanning techniques for light modulation recording Interim technical report no. 1, 1 Mar. - 1 Sep. 1965	1965
19660069753	Statistical presentation of landing parameters for models F8U-1/-1E/-2, F3H-2, A3D-1/-2, and A4D-1/-2 aircraft using 3.5 or 4.0 degree Fresnel lens glide-angle settings during carrier qualification landings aboard the USS Ranger /CVA-61/ during March and April 1961 /survey 7/	1965
19660069754	Modification and application of the JACO F/6.3 high-speed plane grating spectrograph	1965
19660069755	A generalized Mellin transform for the analysis of learning machines Technical report no. 1808-1	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069756	Selection techniques for brittle materials. Evaluation of ZrB2-MoSi2 as a structural refractory ceramic body. Volume II MATERIAL scale-up Technical report, Sep. 1963 - Sep. 1964	1965
19660069758	Shock-tube measurements of step-blast loads on a biconvex-circular arc airfoil for shock-induced Mach number 1.52	1965
19660069760	An exploratory investigation into the deflection of thick jets by the Coanda effect	1965
19660069762	Anisotropy in the mechanical properties of lamellar solids and its effect on wear and transfer	1965
19660069764	An evaluation of small forgings in experimental high strength titanium alloys	1965
19660069765	An evaluation of 3 percent Cr-Mo-V and 5 percent Cr-Mo-V ultra high strength steels	1965
19660069766	Calibration of the R.A.E. 24 ft. wind-tunnel	1965
19660069767	Kinetics of the decomposition of BH3PF3 and related compounds - A revised estimate of the dissociation energy of diborane	1965
19660069771	Proton form factors from elastic electron-proton scattering	1965
19660069772	Short time strength, modulus of elasticity, and creep tensile properties at elevated temperatures for B-33 and B-66 /Westinghouse/ columbium base alloys	1965
19660069773	Economical flat package for integrated circuits Final report, Jun. 15, 1964 - Oct. 15, 1965	1965
19660069774	High-resolution nuclear magnetic resonance in solids Annual technical report, 1 Aug. 1964 - 31 Jul. 1965	1965
19660069775	Review of the radio research laboratories	1965
19660069779	Reentry Environment and Systems Technology /REST/. Volume IV - Materials. Part 2 - Heat shield material, bond, and process specifications /U/ Semiannual progress report, 1 Jan. - 31 Jul. 1965	1965
19660069785	Ion engine performance /U/ A report bibliography	1965
19660069787	Compilation of Atlas E and F Series Vehicle Flight Environmental Vibration Data, Part II /U/ Technical Report, Oct. 1960 - Apr. 1964	1965
19660069794	An investigation of incremental drag and vibration characteristics of MBR, TER, MER, AND UMBR bomb racks /U/ Test report	1965
19660069798	Twentieth International Congress on Pure and Applied Chemistry	1965
19660069799	Electronic properties of phthalocyanines	1965
19660069801	Computing the performance of a nylon rope catapult	1965
19660069802	Cyclic twinning in fatigued hexagonal close packed metals	1965
19660069803	Glass transition temperatures of homopolymers - A bibliography and assessment of available data	1965
19660069804	A method of measuring the concentration of certain polymers in dilute aqueous solutions	1965
19660069809	Some results on singular detection	1965
19660069811	SNAPOODLE demonstration design study Final report, 1 Jul. - 30 Dec. 1964	1965
19660069812	Some theoretical and experimental results on pressure interaction of hydrofoil boat components Final report	1965
19660069813	Surface temperature of metals heated with a laser	1965
19660069814	State and developmental trends for small picture tubes for portable TV receivers. The thermionic diode. A new component - The metal base transistor /MBT/. Tandell - A nonlinear dielectric element	1965
19660069817	Discrepancy analysis of preflight equipment failures. NASA satellites and probes programs	1965
19660069820	Advanced orbital launch operations, phase B. Volume I - Summary technical report Final report	1965
19660069823	Utilization of habrobracon and artemia as experimental materials in bioastronautic studies Status report, Jul. - Dec. 1965	1965
19660069825	Preliminary study of two passive thermal control systems using permeable membranes	1965
19660069826	Investigation of electrocaloric effects in ferroelectric substances Status report no. 3, Mar. 1 - Aug. 31, 1965	1965
19660069827	Stresses Around a Penny-shaped Crack	1965
19660069828	Optical and infrared masers Fifth semiannual status report, Apr. 1 - Sep. 30, 1965	1965
19660069829	Guidance system error study. Volume I - Analysis of performance errors due to error sources in the guidance system and updating procedures Final report	1965
19660069830	Astrophysical implications of autoionization Scientific report no. 4	1965
19660069831	Techniques for rocket-borne spectrographic studies of the solar ultraviolet spectrum in the wavelength range 950-1050 A, and use of a prototype instrument for laboratory studies of the absorption of such radiation by nitrogen and oxygen	1965
19660069832	Investigation of the basic processes occurring in gaseous plasmas in various charge density and energy states Second semiannual progress report, May 1 -Oct. 1, 1965	1965
19660069835	ASEE-NASA Summer Faculty Institute Final Report	1965
19660069836	Mission requirements of lifting systems-engineering aspects. Volume I - Condensed summary	1965
19660069837	Advanced orbital launch operations, phase B, volume IV. Appendix A - Orbital launch operations experiments Final report	1965
19660069839	F-1 Engine System /U/ Bimonthly Progress Letter, 1 Apr. - 31 May 1965	1965
19660069842	Final Report /U/	1965
19660069846	A Study to Define a State-of-the-art Rocket Vehicle Suitable for Synoptic Meteorological Soundings, Volume II /U/ Final Report	1965
19660069848	Lift engine installation criteria technology /U/	1965
19660069849	Research in chemistry /U/ Quarterly progress report, Jul. - Sep. 1965	1965
19660069852	F-1 Engine System /U/ Bimonthly Progress Letter, 1 Jun. - 31 Jul. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069853	F-1 Improvement and Application Design Study /U/	1965
19660069855	Study of Multipurpose Mission Module - Earth Orbit Missions /U/	1965
19660069856	Effects of variations in chamber pressure on performance of solid-propellant rocket motors containing metal fuel additives /U/	1965
19660069860	The Transport Properties of P-hydrogen from the Enskog Theory	1965
19660069862	Probability distribution of precipitation- scatter interference Quarterly status report no. 3, 1 Aug. - 31 Oct. 1965	1965
19660069863	Further development of plastic container for 115 mm rocket launcher ammunition	1965
19660069864	Development of manufacturing methods for indium arsenide infrared detecting cells Final technical report, 1 Jun. 1963 - 31 Jan. 1965	1965
19660069867	Hermetic seal test evaluation Final report	1965
19660069869	Radar sensing for geoscience purposes Monthly progress reports, Aug. - Oct. 1965	1965
19660069870	Computer simulation methods for plasma diodes with collisions Semiannual status report, 1 Apr. - 30 Sep. 1965	1965
19660069871	Miniaturized single camera AVCS study Final report, Oct. 28, 1964 - May 1965	1965
19660069872	Manufacturing checkout of orbital operational stages Final report	1965
19660069878	Preliminary report on the the thermodynamic properties of selected light-element and some related compounds Fourteenth semiannual report	1965
19660069879	Contribution to the theory of matrices partitioned into blocks Final technical report, Apr. 1 - Sep. 30, 1965	1965
19660069882	Study of infrared detector performance Final report, 1 Jul. 1964 - 30 Jul. 1965	1965
19660069883	Advanced orbital launch operations, phase B, volume II. Part II - Development and evolution of orbital launch operations Final report	1965
19660069884	Failure mode and effect analysis for test and checkout GSE used at R-Test for the Saturn S-IC stage Interim report no. 5	1965
19660069885	LSSM preliminary design study, Local Scientific Survey Module for Apollo extension system First interim report	1965
19660069888	Incremental digital integrators Final report	1965
19660069890	Nike-Apache NICAP/ 1rockets, round no. 018, 025, and 026 /22 July 1965/ Meteorological data report	1965
19660069891	Aerobee KP 3.8 /20 November 1965/ Meteorological data report	1965
19660069892	Methods for prediction of electro-mechanical system reliability Final report, 15 May 1964 - 14 May 1965	1965
19660069893	Compact H-F aircraft antennas /2-30 Mc/ Semiannual report, 21 Jan. - 21 Jul. 1965	1965
19660069894	The crystallographic orientation of several morphologies in the zinc-Mg ₂ Zn ₁₁ eutectic	1965
19660069895	A compression heating device for agent heat tolerance studies. I - Development tests of model I device	1965
19660069896	Studies of RF scattering processes from ionized upper atmospheric perturbations Final report, Jul. 1964 - Aug. 1965	1965
19660069898	Research and development on a gyro magnetic suspension Technical report, 1 Nov. 1961 - 31 Oct. 1962	1965
19660069899	Oxidation-resistant coatings for refractory metals	1965
19660069900	Research and development of a ruggedized planar ceramic triode Quarterly progress report, 15 May - 31 Aug. 1965	1965
19660069901	Reliability program plan/component environmental test program plan. Volume V - Environmental acceptance test plan	1965
19660069902	Computer precision study III Final technical documentary report, Jan. - Oct. 1965	1965
19660069903	Doppler optical navigator Interim engineering report no. 4, 1 Mar. - 31 May 1965	1965
19660069904	C2 escape system improvements	1965
19660069905	Digital simulation of guidance and control for exoatmospheric intercept Final report, 1 Jul. 1964 - 31 Aug. 1965	1965
19660069907	Broadband antenna techniques study Quarterly report no. 1, 1 Apr. - 30 Jun. 1965	1965
19660069908	Dynamic stability tests on a 1/5-scale model of the Big Q air-to-air missile at Mach numbers from 1.5 to 4	1965
19660069909	Aerodynamic performance analysis, SLV-3/Agna/OAO program	1965
19660069910	Titanium-aluminum equilibrium diagram Final report, 8 Sep. 1964 - 8 Sep. 1965	1965
19660069911	Transition sticking behind slender cones	1965
19660069912	Airfield pavement evaluation - USNAS Point Mugu, California Interim report, 4 Jan. - 30 Jun. 1965	1965
19660069913	Aircraft launch accessory compatibility with CEI Mod 3 short airfield for tactical support catapult Progress report no. 1, 3 Jun. - 24 Sep., 25 Oct - 5 Nov. 1965	1965
19660069914	A balloon elevated sampling unit for atmospheric diffusion experiments	1965
19660069915	Basic metallurgy of diffusion bonding Summary technical report, May 1964 - August 1965	1965
19660069916	Wallops Island test range reference atmosphere, part I, July 10, 1965	1965
19660069917	The use of ionization probes to determine rocket motor parameters Final report, 9 Oct. 1964 - 9 Jul. 1965	1965
19660069918	High power fast ferrite switches Final development report	1965
19660069920	Inner field fluctuations in crystals and dense gases and their effects on light scattering	1965
19660069923	The tensile deformation and cracking of plain high-carbon steels containing pearlite	1965
19660069925	Transitions in film flow in a vertical tube	1965
19660069926	High-current short-interval low-impedence generator. The surge characteristic in open-circuit television systems. Combined- feedback transistor amplifier	1965
19660069927	High energy crystalline laser materials Final technical summary report, 16 Apr. 1964 - 16 Oct. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069928	Review of recent developments - Metalworking	1965
19660069929	Lightning prediction and protection techniques	1965
19660069930	Limits on linear laser power modulation	1965
19660069931	Low energy collisions between some atmospheric ions and neutral particles	1965
19660069932	Automatic control considerations for helicopters and VTOL aircraft with and without sling loads Final interim report	1965
19660069933	Paramagnetic resonance investigations of silver halogenides doped with Fe	1965
19660069934	Measurements of the radiation from an ablation contaminated boundary layer under simulated flight conditions	1965
19660069935	Reactions between tertiary amines and organohalogenating agents Bimonthly report no. 12, 1 Jan. - 30 Jun. 1965	1965
19660069936	Radio link for remote operation of vehicular communications centrals Final report, 15 Jul. - 15 Sep. 1965	1965
19660069937	Performance evaluation of TRAP image orthicon system, volume III	1965
19660069938	Oriented non-continuous fiber reinforcement for structural composites Final technical summary report, Sep. 1964 - May 1965	1965
19660069940	Program support request, MOL-HSQ	1965
19660069941	Production tool for diffusion bonding Quarterly progress report no. 3, 1 Aug. - 31 Oct. 1965	1965
19660069942	Nanosecond switch development Final report, 1 Jun. 1964 - 1 Apr. 1965	1965
19660069943	Measurement of nonaxial forces produced by solid-propellant rocket motors using a spin technique	1965
19660069944	Free radical microwave absorption meter	1965
19660069945	Electrical resistivity and structural behavior of undercooled gallium and gallium-indium eutectic alloy Technical report, 1 Aug. 1964 - 31 Jul. 1965	1965
19660069946	Effect of ablation material on radar scattering from a slender cone	1965
19660069947	Electronic control of laser beams First quarterly technical summary report, 27 May - 27 Aug. 1965	1965
19660069948	Electro-interference test report for the repetitive countdown simulator group, MRCN 6057.6AV	1965
19660069949	Plume effects data study program Final report, 5 Apr. - 5 Oct. 1965	1965
19660069950	Excess noise in semiconductors Final report, 15 Nov. 1955 - 14 Nov. 1965	1965
19660069951	Prospects and direction of research in the sphere of metallic materials	1965
19660069952	Cross relaxation between two electronic spin systems	1965
19660069953	Proposed military standard for reliability demonstration testing	1965
19660069954	A simplified method for making accurately etched shapes in molybdenum foils by a photo sensitive resist technique	1965
19660069955	The simultaneous determination of iron-55 and iron-59 in blood by liquid scintillation counting	1965
19660069956	The stability of a circular toroidal plasma under average magnetic well conditions with finite plasma pressure	1965
19660069957	Radiation evaluation of the G657319 transistors /Motorola SM1756/	1965
19660069960	Notes on high elevation research with selected bibliography	1965
19660069962	Non-vacuum techniques for use in fabricating thin film circuits Interim engineering report, 1 Jul. - 30 Sep. 1965	1965
19660069963	Controlled range network	1965
19660069964	Uniformisation of a quasilinear hyperbolic equation. Part II - Solution structure in the large	1965
19660069965	Solar cells - Report on a visit to U.S.A.	1965
19660069967	Heat resistant plastic honeycomb for sandwich construction based on polyaromatic resin Technical summary report, 10 May 1964 - 10 Apr. 1965	1965
19660069968	Research and development of erosion and oxidation resistant coatings for graphite Third quarterly report, 13 Sep. - 12 Dec. 1964	1965
19660069969	Mechanical and physical properties of Invar and Invar-type alloys	1965
19660069971	Anti-collision and navigation lighting systems evaluation	1965
19660069972	Flux growth of ZnO using a temperature gradient	1965
19660069973	Measurement of radio wave scattering by precipitation and aircraft Quarterly progress report, 1 Oct. - 31 Dec. 1965	1965
19660069974	Social Science Work Concerning Management and Public Policy Implications of Decision- Making in Space and Related Programs and Prospects for Developing Interdisciplinary Research and Training at the Graduate Level Quarterly Report, 1 Oct. - 31 Dec. 1965	1965
19660069979	Small space telescope for cooperative use by geologists and astronomers Progress report, Jun. 1 - Dec. 1, 1965	1965
19660069980	Backstreaming from oil diffusion pumps Progress report, Oct. 1 - Dec. 31, 1965	1965
19660069985	Probe alignment analysis Final report	1965
19660069986	Numerical response characteristics of a uniform beam carrying one discrete load	1965
19660069987	Nonequilibrium gasdynamics related to propulsion systems Quarterly report, period ending 31 Dec. 1965	1965
19660069988	Orbital lifetime studies Final report, 26 Sep. 1963 - 30 Nov. 1965	1965
19660069989	The technical aspects of a Saturn vehicle fire detection system Sixth informal quarterly report, 19 Sep. - 19 Dec. 1965	1965
19660069992	Performance Study of a High Energy Molecular Beam Apparatus and Measurement of Momentum Accommodation Under Satellite Conditions Status Report, Period Ending Dec. 31, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069993	Theoretical and Laboratory Investigations in Radio Astronomy Status Report No. 5, 1 Oct. - 31 Dec. 1965	1965
19660069995	Payload integration for D-layer investigation Final report	1965
19660069996	Cumulative damage and static overloading effects on the fatigue properties of a high strength structural steel. Part I - Design and development of special purpose fatigue machines	1965
19660069997	Constitutive equations for nonviscometric flows Progress report, Jul. 1 - Dec. 31, 1965	1965
19660070000	Telemetry standards /revised July 1965/	1965
19660070001	Learning theory applied to communications Technical report, 1 Mar. - 1 Sep. 1965	1965
19660070002	Test set, drop shock WOX-126B	1965
19660070003	A note on calculation of waves in a cylindrical shell	1965
19660070007	Aerodynamics of jets in the proximity of ground Final technical report, Dec. 1962 - Dec. 1963	1965
19660070009	RP7/22 - Integrated tunnel diode circuit using epitaxial techniques Final research report, Nov. 1964 - Mar. 1965	1965
19660070010	Military environmental medicine Annual progress report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660070011	Canberra P.R. 9. Investigations into fuel pump failures at very low outside air temperatures	1965
19660070012	Calculation of static and dynamic response of circular arches	1965
19660070013	A model for pulse stimulated emission from a plasma	1965
19660070014	The measurement of air temperature in flight	1965
19660070015	Measurement of the differential cross-section at 0 deg for the reaction negative pi p yields neutral pi n	1965
19660070017	Conduction of heat in lightweight composite honeycomb structures	1965
19660070019	Reinforced prefixed comma-free codes	1965
19660070020	High altitude shock layer properties Final report no. 1	1965
19660070021	Vitamin B6 and protein interrelationships in rats subjected to whole-body radiation and in their controls Annual progress report, Oct. 1964 - Oct. 1965	1965
19660070022	Electro-interference test of repetitive countdown simulator group, MRCN 6057.6AV. VOLUME 2 - Appendix VI - Tabulated test data Final report	1965
19660070023	The effects of Cobalt-60 /gamma radiation/ on the central nervous system. Electroencephalographic and pathological studies with recently introduced techniques Final report, 4 Aug. 1964 - 3 Aug. 1965	1965
19660070024	Experimental analysis of the diesel fuels performances on the phenomenon of the deposit formations Final technical report, 1 Aug. 1962 - 31 Jul. 1965	1965
19660070025	Effects of shield discontinuities on the performance of shielded enclosures Technical report no. 15	1965
19660070026	Equilibrium compositions for carbon-air systems at high temperatures and several pressures	1965
19660070027	The effect of gravity on the distribution of pulmonary ventilation	1965
19660070028	Data report of the Meteorological Rocket Network firings. Volume XLII - February 1965 firings	1965
19660070029	Development of flexible epoxy resins and coatings Quarterly report, 11 Jun. - 10 Sep. 1965	1965
19660070030	Experimental rockets	1965
19660070031	Brittle fracture initiation by torsional prestrain Final technical report, 1 Jun. 1964 - 31 May 1965	1965
19660070032	The effect of hypoxic hypoxia on nystagmus induced by angular acceleration	1965
19660070033	RAT SCAT Radar Target Scatter Site	1965
19660070034	The properties and applications of Syntactic Foam SF-1 potting compound as used in SABRE ELECTRONICS	1965
19660070035	Problems in using new photoelectronic elements for receiving and demodulating high-frequency modulated laser beams	1965
19660070036	Radio frequency bonding Final report, 15 Jun. 1964 - 30 Sep. 1965	1965
19660070037	A review of PNL observations of the Schumann-ELF natural electromagnetic background	1965
19660070038	One method for assessing cold tolerance - Thermal and metabolic responses to moderate whole body cold exposure at night Final report, May 1963 - May 1964	1965
19660070040	Fracture of metals during deformation processing under conditions of hot working Final report	1965
19660070042	Diffraction of an electromagnetic plane wave by a conducting wedge Scientific report no. 2	1965
19660070043	The Michael reaction in non-alkaline media. IX - Kinetics and mechanisms of the reactions in the nitroform-methyl acrylate system	1965
19660070044	Closed loop thermal process control of avionic equipment	1965
19660070045	Studies of thermochemistry of boron-containing molecules Annual technical report, 1 Sep. 1964 - 31 Aug. 1965	1965
19660070046	Studies to determine dynamic displacement of seat/man center of gravity due to rocket thrust	1965
19660070047	Standard space launch vehicle to simulated laboratory Interface specification	1965
19660070048	Electro-interference test of repetitive countdown simulator group, MRCN 6057.6AV FINAL report	1965
19660070050	The detection of known signals in colored Gaussian noise	1965
19660070051	Experiments on the dissipation of warm fog by helicopter-induced air exchange over Thule AB Greenland	1965
19660070054	Aerobee NASA 4.119 NA /16 November 1965/ Meteorological data report	1965
19660070055	Phase equilibrium studies of cadmium sulfide by static and dynamic methods	1965
19660070056	X-band tunnel diodes for phased array radar Quarterly progress report, Jun. 14 - Sep. 14, 1965	1965
19660070057	Research-engineering and support for tropical communications Semiannual report, 1 Sep. 1964 - 31 Mar. 1965	1965
19660070058	Saturn launch vehicle Apollo extension system experiment integration study. Volume V - Radioisotope thermoelectric power system and life support system integration	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070059	Compatibility of immittance matrices Technical report, Mar. 1963 - Jun. 1965	1965
19660070060	Three-axis alignment system	1965
19660070061	The development of a simplified neutron activation technique for analyzing metallic deterioration products found in hydraulic fluids Final report	1965
19660070062	Optimum mechanical packaging of electronic equipment program Final report, 1 May 1964 - 31 Jul. 1965	1965
19660070063	Metallurgy and properties of thoria- strengthened nickel	1965
19660070064	A generalization of Airy's integral as applied to radar ambiguity functions Interim technical report	1965
19660070065	The method of 'magneto-photoselction' of the lowest excited triplet state of aromatic molecules	1965
19660070066	Adaptive control review. Vol. II - Limits on the identification time for linear systems Final report	1965
19660070068	A study of the electronic configuration and behavior of the - NF2 group Quarterly report no. 11, Sep. - Nov. 1965	1965
19660070069	Mechanics of stratospheric seasonal reversals	1965
19660070070	High power laser amplifier chain techniques Quarterly report, 14 Jan. - 14 Apr. 1965	1965
19660070071	Pulsed nitrogen second positive laser	1965
19660070072	Effect of processing on the microstructure and mechanical properties of polycrystalline ceramics prepared by high pressures	1965
19660070074	Octahedral research satellite-Mark II for coldwelding experiments Quarterly progress report, 1 Mar. - 31 May, 1965	1965
19660070075	Initial-value problem for the motion of a body in an undulating sea. I - Fixed equilibrium position	1965
19660070076	Computer correction for shifts in gain and baseline in gamma-ray scintillation pulse height spectra	1965
19660070077	Statistical study of high-oscillatory load bearing members Final report	1965
19660070080	Principal addresses of the 1965 U.S. Army National Junior Science and Humanities Symposium	1965
19660070083	Study of Hovair application for Saturn Final report	1965
19660070085	A transient technique for seismograph calibration-manual and standard set of theoretical transient responses VESIAC SPECIAL report	1965
19660070086	NMR spin-echo trains for a coupled two-spin system	1965
19660070087	Stabilized-platform and gyro-gimbal design and manufacture. Analytical studies and investigations in assigned areas Summary report, Jul. 1, 1964 - Apr. 26, 1965	1965
19660070088	Determination of native defects and endotaxial growth of metal-metalloid crystal systems experimental results in TiO2 /rutile/ Technical report, May 1964 - Jun. 1965	1965
19660070089	Conduct ground investigations of flight experiments on primates in long duration zero-G Quarterly status report, Sep. 1 - Nov. 30, 1965	1965
19660070091	Examples of exact numerical solutions of the laminar boundary layer equations by explicit finite difference methods	1965
19660070092	Study of signals in noise Final report, 1 Dec. 1964 - 31 Aug. 1965	1965
19660070094	BRL shock tube facility for the simulation of air blast effects	1965
19660070096	Nuclear magnetic relaxation in liquid metals alloys and salts	1965
19660070097	Research Investigation Directed Toward Extending the Useful Range of the Electromagnetic Spectrum Fourth Quarterly Progress Report No. 12, Sep. 16 -dec. 15, 1965	1965
19660070103	SA 202 launch vehicle reference trajectory /U/	1965
19660070105	Research and exploratory development for the Missile Guidance and Airframe Branch, Bureau of Naval Weapons /U/ Quarterly report, Jul. - Sep. 1965	1965
19660070106	Test results of a self-starting mixed compression inlet /U/	1965
19660070110	Rubber buffer /W/R3/ and rod material investigation for improving the MARK 51-0 warhead performance /PWS/SPREEN program/ /U/	1965
19660070113	Study of Multipurpose Mission Module - Lunar Orbit Missions /U/	1965
19660070115	SV-5D prime critical design review /U/	1965
19660070117	Signature data. Volume I - Optical signature data report 65-020 for test 0501 /Project Fire/ /U/	1965
19660070118	Low-Observable Reentry Vehicle /LORV/ PROGRAM /U/ Quarterly progress report, 1 Jul. - 30 Sept. 1965	1965
19660070119	VIP experiment critique - Experiments designed for temperature determination and the study of the chemical kinetics of ionization /U/ Final report no. 5	1965
19660070122	Supersonic aerodynamic characteristics of a blunt cone-cylinder-flare configuration with distributed mass addition /U/	1965
19660070123	Earth reentry and orbital simulation on UDOFT computer /U/ Final report, Mar. 1961 - Feb. 1963	1965
19660070124	Space decoy study /U/ Interim technical report, 1 Sep. - 31 Oct. 1965	1965
19660070126	Terminal homing instrument. Volume II - Technical description and analysis /U/ Final report, 1 Sep. 1964 - 1 May 1965	1965
19660070129	Results of a low speed investigation of 20 percent scale SV-5P vehicle in University of Maryland wind tunnel, tenth series /U/	1965
19660070131	Extended Apollo systems utilization study, addendum I. Volume 2 - Experiment analysis and requirements. Appendix A - NASA EXPERIMENTS, book 2 /U/ Final report	1965
19660070136	Throttleable Monocompound Rocket Engine /U/	1965
19660070137	Precision radar investigation /U/ Final report, 1 Jul. 1964 - 30 Aug. 1965	1965
19660070138	Underwater loudspeaker	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070139	Time synchronized antenna with digital phase and speed control. Preliminary version proves feasibility of clock synchronization Research and development report, Jan. - May 1965	1965
19660070140	Study of noise in semiconductor devices Final report, 1 Aug. 1963 - 15 Sep. 1965	1965
19660070141	Study of tungsten rocket nozzles	1965
19660070143	Studies on the energy cost of level cross-country travel in the Arctic	1965
19660070144	Microwave valves, semiconductor devices, and transistors Quarterly report no. 196, Jul. - Sep. 1965	1965
19660070145	Prospects of enzymology in food and nutrition	1965
19660070146	Properties of turboprop engines	1965
19660070148	Research into the causes of laser damage to optical components Report no. 4 /final/, 1 Dec. 1964 - 28 Feb. 1965	1965
19660070149	Design studies for ultra-fast, low-impedance high-peak-power pulsed systems	1965
19660070150	Safety systems for gas-cooled graphite- moderated reactions	1965
19660070151	Some problems of statistical estimates of reliability	1965
19660070152	Status of development of an electromagnetic log calibration device	1965
19660070153	Static stability characteristics of the ALARR PAYLOAD and the effect of the wake on the ballute decelerator characteristics at transonic speeds Technical report, 20 Sep. - 4 Oct. 1965	1965
19660070154	Stability and convergence of finite difference schemes with singular coefficients	1965
19660070155	Semi-automatic compass calibrator Quarterly report no. 1, 1 Feb. - 30 Apr. 1965	1965
19660070156	Semi-automatic compass calibrator Quarterly report no. 2, 1 May - 31 Jul. 1965	1965
19660070157	Development of the manufacturing capabilities of the hydrostatic extrusion process Interim engineering progress report, 1 Sep. - 30 Nov. 1965	1965
19660070158	Microphone, head contact M-123/ //U/ Final report	1965
19660070159	Manufacturing in-process control and measuring techniques for integral electronics Final report, 1 Mar. 1964 - 15 May 1965	1965
19660070160	Applications of beryllium in nuclear engineering	1965
19660070161	Anorganic Chemistry Laboratory /inorganic chemistry/ research report	1965
19660070162	RPI PN 2246-14 dual power retraction inertia reel system Final engineering development report	1965
19660070164	Aerobee NASA 4.145 GS /2 December 1965/ Meteorological data report	1965
19660070165	Nike-Apache Speedball II /round no. 78 SN 34/ /27 October 1965/ Meteorological data report	1965
19660070166	Report to the Restricted Task Force - Wave guides	1965
19660070167	Group theory, geometrical structures and their interrelations Final report, 1 Jan. - 31 Dec. 1965	1965
19660070168	Finish and coating development for MAULER WEAPON pod Final report, 10 Jul. 1964 - 1 Jul. 1965	1965
19660070169	AN/TRC-66A frequency separation Final report, Sep. - Oct. 1965	1965
19660070170	Investigation of Chaff communications at 4,650 MCPS, 1 July 1964 to 1 June 1965	1965
19660070172	Vibrations in fluids	1965
19660070173	The integrity of a civil blind landing system with particular reference to the azimuth channel, part I	1965
19660070174	Discontinuous Vector Fields and Feedback Control	1965
19660070175	Thrust vector determination for the Apollo service propulsion engine using a six-component force balance Technical report, Sep. 1, 1964 - Jul. 11, 1965	1965
19660070176	TOR The new Polish radar	1965
19660070177	Proceedings of the 23rd Operations Analysis Technical Conference held at Eglin AFB, FLORIDA, 13-15 April, 1965	1965
19660070178	Charge transfer between N plus and O	1965
19660070179	The effect of various boattail shapes on base pressure and other aerodynamic characteristics of a 7-caliber long body of revolution at M equals 1.70	1965
19660070180	Analysis of the problem of pointing a laser radar Final report	1965
19660070182	Fundamental researches on the fractionation of high polymers. I - On the absolute evaluation of the fractionation curves	1965
19660070183	Factors affecting transformation of Bacillus licheniformis	1965
19660070184	A finite-memory adaptive pattern recognizer Technical report no. 168	1965
19660070185	An airborne geomagnetic survey of the Reykjanes Ridge, 1963	1965
19660070186	An architectural study for a self-repairing computer Final technical documentary report, May - Nov. 1965	1965
19660070188	Experimental study of BIC materials applicable to storage devices Interim engineering report, 16 Jul. - 15 Oct. 1965	1965
19660070189	Eudiometric analysis of powdered aluminum, ICRPG Working Group on Analytical Chemistry round robin no. 22a	1965
19660070190	Experimental properties of the pi plus pi - CP-violating decay of the long-lived neutral K-meson	1965
19660070191	Employment of cross circulation and multiple heat exchangers to induce deep hypothermia - Its use in the study of central nervous system changes Interim report, Sep. 1963 - Sep. 1964	1965
19660070192	Influence of storage conditions upon the quality of dehydrated products	1965
19660070193	Factors affecting responses of White Carneau pigeons to respiratory doses of VEE virus	1965
19660070194	Feasibility of high-voltage X-ray tubes as intense gamma and neutron sources Technical report, Jul. - Dec. 1964	1965
19660070195	Frequency converter units for Ku- to Ka-band operation Interim development report, 1 Sep. - 30 Nov. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070196	Re-entry physics research Semiannual technical summary report, 1 Jul. - 30 Dec. 1965	1965
19660070197	Investigation of contamination tolerance level for hydraulic pumps Technical report, Aug. 1 - Oct. 31, 1965	1965
19660070199	A high density shock tunnel augmented by a Faraday MHD accelerator	1965
19660070200	Hypersonic laminar boundary layer transition on 8-foot long 10 deg cone	1965
19660070201	A computer program for the thermoelastic analysis of an inhomogeneous, composite, thick cylinder, including the effect of diffusing gases in porous materials Final report, 1 Jan. - 31 Dec. 1964	1965
19660070202	Feasibility study of an all-fluid digital control system	1965
19660070204	A flash blindness protection	1965
19660070206	Colloidal-chemical processes in storage of food products. Determination and role of calcium and magnesium cations in cold processing	1965
19660070207	Certain problems of pneumatic computing devices	1965
19660070209	Feasibility of glass-filament-wound plastics for army rocket motor cases. Design of a test rocket motor case Progress report no. 1	1965
19660070210	A finite-difference method solution of non-similar, equilibrium and non-equilibrium air, boundary layer equations with laminar and turbulent viscosity models. Part I - Analysis Final report	1965
19660070211	Data processing for improved antenna resolution First quarterly report, 1 Jun. - 29 Aug. 1965	1965
19660070212	Development of polyimide resin based structural adhesives and laminates for long time high temperature use Final technical summary report, 2 Jan. 1964 - 30 Apr. 1965	1965
19660070214	Cyclotron resonance pumping of gas lasers First quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660070215	Compact VHF aircraft antenna development First semiannual report, 1 Mar. - 1 Sep. 1965	1965
19660070216	Computed Faraday rotation during sporadic-E propagation Technical report no. 113	1965
19660070217	Aerodynamic characteristics of a 2.75-in. folding fin aircraft rocket at supersonic speeds	1965
19660070218	The formation of an internal boundary over heterogeneous terrain	1965
19660070220	Bone conduction, air conduction, and underwater hearing	1965
19660070221	On the evaporation of fuel sprays at high temperatures and pressures	1965
19660070222	On the pigment content of certain unicellular algae	1965
19660070223	On the measurement of dust devil parameters	1965
19660070224	A novel type of thrust augmentor	1965
19660070225	NUMIT-ONE, a numerical integration program in one-dimension for the IBM 1620 computer	1965
19660070226	Research on the influence of variations in environmental temperatures on the systemic effects of alcohol alone and in combination with other drugs Final report, 1 Jun. 1963 - 31 May 1964	1965
19660070227	New storage elements for electronic digital computers	1965
19660070228	Noctovision devices for directing combat operations in the night and under conditions of bad visibility	1965
19660070229	Development of manufacturing methods for the production of infiltrated tungsten composite rocket nozzle inserts Interim engineering progress report, 1 Sep. - 30 Nov. 1965	1965
19660070230	Discrete control of vehicles with bounded input and variation in parameter values Interim progress report	1965
19660070231	Development of an optimal wideband omnidirectional antenna	1965
19660070232	Band of the boundary of fatigue with other mechanical properties on metal	1965
19660070233	Acoustic radiation fields in bounded fluids due to forced vibrations of submerged and partially-submerged thin, circular cylindrical shells Final report	1965
19660070234	Advanced phase-shift amplifier study Quarterly progress report no. 5, 16 Jun. - 15 Sep. 1965	1965
19660070235	An attempt to detect microinstabilities in colliding plasmas	1965
19660070236	Investigation of Darrieus automatic balancing device	1965
19660070237	An iterative procedure for the analysis of nonlinear networks Technical report no. 6657-1	1965
19660070239	Physics of cellular synthesis, growth and division Progress report, 1 Oct. 1964 - 30 Sep. 1965	1965
19660070240	DNA agar annealing of residual DNA after degradation by ionizing radiation	1965
19660070241	Pool of thymidine tri-phosphate in bacterial cells	1965
19660070242	The effect of hydrostatic pressure on the synthetic processes in bacteria	1965
19660070243	Aspects of the mechanism of the stopping of genetic transcription by ionizing radiation	1965
19660070244	Rate of mutation to phage resistance in 2H20 MEDIUM	1965
19660070245	Evidence for a mutagenic local effect accompanying the decay of incorporated tritium in Escherichia coli	1965
19660070246	The nature of bacterial revertants produced by the decay of incorporated tritium compounds in Escherichia coli	1965
19660070247	Electron spin resonance transitions involving simultaneous changes in spin states of two neighboring protons	1965
19660070248	Electron spin resonance of a gamma-irradiated single crystal of barbituric acid dihydrate	1965
19660070249	Preliminary definition phase - Apollo extension system manufacturing plan /preliminary/ Final report	1965
19660070250	Aerobee NASA 4.155 /30 November 1965/ Meteorological data report	1965
19660070251	Contribution to the spring-supported and attenuated suspension systems for engine foundations with pulsating excitation	1965
19660070253	Development of large-area radiac survey trainer, Device XIIF6 Interim report	1965
19660070255	The electrolytic deposition of carbon from fused carbonates	1965
19660070256	An analytical method of determining satellite locations for elliptic orbits	1965
19660070257	A 1 Gc cavity-backed slot antennafier	1965
19660070258	An airborne geomagnetic investigation of a reported declination anomaly in eastern Panama	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070259	Doctors in interplanetary flights	1965
19660070262	A study of electrode effects in crossed field accelerators Sixth quarterly report, 1 Oct. - 31 Dec. 1965	1965
19660070263	Development of analytical methods for predicting residual cryogenic behavior in orbital vehicles Second quarterly report, 10 Sep. - 10 Dec. 1965	1965
19660070265	Development of analytical methods for predicting residual cryogenic behavior in orbital vehicles First quarterly report, 10 Jun. - 9 Sep. 1965	1965
19660070267	Meteorological data report, Athena flight no. 033 /22 November 1965/	1965
19660070268	AFETR instrumentation handbook	1965
19660070269	Hemostatic mechanisms Progress report, Nov. 1964 - Nov. 1965	1965
19660070270	Research, Development and Preliminary Design for the Lunar Penetrometer System Applicable to the Apollo Program Third Monthly Progress Report, 1-30 Jun. 1965	1965
19660070272	Preliminary definition phase, Apollo extension system. Communications and data system Final report	1965
19660070273	A study for the search, recovery and analysis of space fragments Semiannual progress report no. 4, 1 Jun. - 30 Nov. 1965	1965
19660070274	Development of ultrahigh strength, low density, aluminum plate composites Ninth quarterly report /Progress report no. 27/, 1 Jul. - 30 Sep. 1965	1965
19660070275	Adaptive digital communications techniques First quarterly progress report, 15 Jun. - 15 Sep. 1965	1965
19660070276	Aerodynamic gas spike for re-entry vehicle communications studies Interim technical report	1965
19660070277	Reliability test report, Futurecraft Corporation manual valves, part numbers 30233 and 30279, replacement item for NASA drawing number B75MD3568	1965
19660070278	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XIX - Ground Development Test Plan Final Report	1965
19660070279	AES reference mission no. 3 /lunar polar orbit/ functional flow diagrams, volume III	1965
19660070280	Individual respiratory protection against chemical and biological agents Quarterly progress report no. 4, Apr. - Jun. 1965	1965
19660070281	Structural analysis of turbine rings - Calculated stresses in scalloped rings of variable section	1965
19660070282	Test report, Meletron Corporation pressure switch, part number 372-21S	1965
19660070285	2 1/4 inch Gun project at GM research laboratories	1965
19660070286	Gaseous ion laser research Interim engineering report, 1 Jul. - 30 Sep. 1965	1965
19660070287	Improving the efficiency and spectral response of free radical photography Technical report, 1 Mar. 1964 - 28 May 1965	1965
19660070290	ALSS payloads Final presentation summary	1965
19660070293	Solid state power amplifier Final report	1965
19660070294	Apollo logistics support system payloads Preliminary design study	1965
19660070295	Development of microwave NDT inspection techniques for large solid-propellant rocket motors Quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660070298	Annual report, 1964	1965
19660070299	Polish aviation engines and their development in the years 1945-1964	1965
19660070300	Collective protection for combat field structures Thirteenth bimonthly progress report, 1 July - 31 Aug. 1965	1965
19660070301	Injection luminescence in silicon carbide c.V.D. report no. 119A to D.N.P.R., MAY-AUGUST, 1965	1965
19660070302	The catalytic reactivity of metal oxides on thermal decomposition reactions Second quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660070303	Command Center Display System /CCDS/ TACTICAL intelligence displays Final report	1965
19660070304	The thermodynamic-dynamic synthesis of a steam-operated free-piston air compressor	1965
19660070305	Optimal terminal maneuver and evasion strategy	1965
19660070306	On the reach type forklifts today and introduction of new products	1965
19660070307	Continuous-wave radio location methods with reflected electromagnetic waves	1965
19660070309	Convective stagnation point heating for reentry speeds up to 70,000 feet/second including effects of large blowing rates	1965
19660070311	Physiochemical tissue changes following irradiation Annual progress report, 1 Nov. 1964 - 31 Oct. 1965	1965
19660070312	An analysis of all potentially useful high- energy battery systems Final report, 26 Jul. 1964 - 26 Jul. 1965	1965
19660070313	Lung mechanics and altered surface tension of lung extracts	1965
19660070314	Chemical vapor deposited materials for electron tubes First quarterly report, 15 May - 14 Aug. 1965	1965
19660070315	Study of microwave generation by means of interaction with an anisotropic media Quarterly report no. 1, 1 Jun. - 31 Aug. 1965	1965
19660070317	Airborne Instrumentation Platform /AIP/. VOLUME II- Simulation program results, cases 31 through 52 Final report, 1 Oct. 1964 - 31 Aug. 1965	1965
19660070318	F-4C category II stability and control test Final report	1965
19660070319	Investigation of optical chirp modulation employing ultrasonic techniques	1965
19660070320	Ferromagnetic, ferroelectric and acoustic devices First quarterly report, 1 Jun. - 31 Aug. 1965	1965
19660070321	Airborne Instrumentation Platform /AIP/. VOLUME III - Simulation program results, cases 53 through 76 Final report, Oct. 1, 1964 - Aug. 31, 1965	1965
19660070322	Proposed data gathering operations for the spacetrack system	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070323	The development of an insulated thermionic converter-heat pipe assembly Third quarterly technical report, Sep. 15 - Dec. 15, 1965	1965
19660070324	Development and/or establishment of processes to fluxless braze complex structures of aluminum alloys Interim engineering progress report, 16 Sep. - 15 Dec. 1965	1965
19660070325	Fabrication techniques for light weight hyper-environment E-M windows Interim engineering report, 1 Sep. - 30 Nov. 1965	1965
19660070326	A Fortran computer code for inviscid, nonequilibrium streamtube flow	1965
19660070327	Vanadium alloy studies Quarterly report no. 3, Sep. 1 - Nov. 30, 1965	1965
19660070328	Research on improved superconducting materials with higher critical temperatures, higher critical fields and higher current carrying capacities Progress report, 5 May - 31 Oct. 1965	1965
19660070329	Low input voltage conversion Fifth quarterly progress report, 16 Apr. - 15 Jul. 1965	1965
19660070331	Investigation of pre-detection filtering techniques First quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660070332	Study and investigation leading to the design of broadband high power klystron amplifiers First quarterly report, Jun. 1 - Aug. 31, 1965	1965
19660070333	Natural convection in a horizontal cylinder at large Prandtl numbers	1965
19660070335	An exact solution of the transient temperature distribution in a spherical region subjected to an arbitrary heat flux	1965
19660070336	Performance analysis of large ceramic storage heaters	1965
19660070337	A similarity solution for the steady, inviscid, free expansion of a jet from uniform flow through an orifice into a vacuum	1965
19660070338	Development of improved cutting tool materials Interim engineering progress report, 14 Sep. - 14 Dec. 1965	1965
19660070339	Double resonance experiments utilizing a spiral circuit	1965
19660070340	Evaluation of a modified report association test for a satellite correlation	1965
19660070341	Static lift of a UH-1F helicopter on the AFFTC VTOL Test Stand Final technical report, 13 Apr. - 10 Aug. 1965	1965
19660070342	The development of a fossil fuel fired heat pipe for use with thermionic energy converters Quarterly technical report no. 1, 1 Jul. - 30 Sep. 1965	1965
19660070343	Study of electric time fuzes for artillery	1965
19660070344	Max-Planck-Institute for Physics and Astrophysics /Munich/ and the Institute for Plasmaphysics /Garching near Munich/	1965
19660070345	MHD research at the Institute for High Temperature Research /TH, Stuttgart/	1965
19660070347	Optimized coherent optical receiver technique II Quarterly technical report no. 2, 15 Apr. - 14 Jul. 1965	1965
19660070348	Parametric study of rocket grain configuration by photoelastic analysis Research quarterly progress report no. 3, 1 Aug. - 30 Sep. 1965	1965
19660070349	Evaluation of a bellows actuator for use in the parachute delayed opening device /HADOPAD/	1965
19660070350	Evaluation of vehicle corrosion preventives	1965
19660070351	Studies and investigations leading to the design of a radio direction finder system for the MF-HF-VHF range. Part II - A study of nested antenna arrays for a circularly symmetric interferometer direction finding system Final technical report, 1 Jul. 1964 - 30 Apr. 1965	1965
19660070352	The design of improved feeds for the IF Luneberg Lens Antenna Final technical report, 30 Sep. 1964 - 15 Jun. 1965	1965
19660070353	PBPS analysis report	1965
19660070354	Development of a microelectronics processor Interim engineering progress report, 1 Aug. - 31 Oct. 1965	1965
19660070355	An experimental investigation of cooling of a low pressure, low temperature airstream using liquid air injection Technical report, 22 Jul. - 24 Aug. 1965	1965
19660070356	An air fluorescence behavior model	1965
19660070357	All-evaporated and maskless fabrication techniques for active devices Interim development report, 28 Aug. - 28 Nov. 1965	1965
19660070361	Multi-target destruction probability computer program	1965
19660070362	Measurements of the thoron content of the atmosphere and their application in meteorology, with appendix - Investigations on atmospheric radon Final technical report, 1 Aug. 1964 - 31 Jul. 1965	1965
19660070364	The measurement of the displacement energy of a lattice atom by electron collisions in A III BV compounds	1965
19660070365	About dynamic optimalization of aperiodic signal measuring apparatus	1965
19660070366	Vibration and acoustic analysis Saturn SA-8 flight	1965
19660070367	Athena program bibliography of research and development reports	1965
19660070372	Investigations of water solutions of europium chelates as laser materials Semiannual technical summary report, 1 Jul. - 31 Dec. 1965	1965
19660070373	Ionizing radiation, injury, prevention and treatment, VII Annual progress report	1965
19660070374	Increasing the power of the research reactor WWR-S	1965
19660070375	Infrared to visible conversion in crystals Quarterly progress report, Mar. 1 - May 31, 1965	1965
19660070376	Representation and analysis of signals. Part XX - The sign test on autoregressive data	1965
19660070377	On the geometry of optimal processes, part II	1965
19660070378	Attachments and connections to buried structures Final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070379	Experimental prototype radar altimeter. phase V - Design analysis report	1965
19660070380	Studies on shock wave pressure-time gauges - X. Evaluation of a selection of transducers with piezo-ceramic shear tube elements	1965
19660070381	Survey of articles on the applications of integral transforms in the theory of elasticity	1965
19660070383	Sage Engineering and Valve Co. 9/16 inch check valve, PIN 9003, 6,000 PSIG service	1965
19660070385	Integrated circuit thermal study Final report	1965
19660070386	Non-linear devices Third quarterly report, 1 Jan. - 31 Mar. 1965	1965
19660070387	Characteristics of ruby laser light beam and power output measurement	1965
19660070388	Apollo extension systems lunar excursion module, phase B. Volume XV - Taxi experimental payload performance and interface specifications Final report	1965
19660070389	Weatherhead Company hydraulic flex hose assemblies catalog number H-25-16	1965
19660070392	Research study for determination of liquid surface profile in a cryogenic tank during gas injection Quarterly progress report no. 6, Sep. 18 - Dec. 18, 1965	1965
19660070393	Progress in understanding the generation of seismic waves by contained explosions	1965
19660070396	High-pressure dynamic seals	1965
19660070397	Research to improve electrochemical catalysts Final report, 1 Jan. - 30 Aug. 1965	1965
19660070398	Investigation of fasteners and fastening techniques Final progress report, 15 May 1964 - 14 Sep. 1965	1965
19660070399	Binary detection in an optical polarization modulation communication channel	1965
19660070401	On the limiting noise of field effect transistors - Study of noise in semiconductor devices Appendix to final report, Aug. 1, 1963 - Aug. 15, 1965	1965
19660070402	Design and development of radio set AN/GRC103 Semiannual progress report, Oct. 1, 1964 - Jun. 30, 1965	1965
19660070404	A method for the exact determination of periodic motions in relay control systems	1965
19660070405	Flight test of the Hydro-ski Research Vehicle /HRV-1/ equipped with TEC skis no. 4 and no. 4A on strut no. 2 /including data for basic hull less ski strut/ Final summary report	1965
19660070406	Submillimeter radiometer for the detection and acquisition of ground targets Supplement to final technical report	1965
19660070407	Hydrogen generator program Final engineering report, 21 Jun. 1963 - 21 Apr. 1965	1965
19660070408	Investigation of the existence of oxyanions of fluorine and nitrogen and the nitrogen- fluorine cations Final technical report, Jan. 28, 1963 - Dec. 27, 1965	1965
19660070409	Synthesis and characterization of electronically active materials Technical report, May 16 - Nov. 15, 1965	1965
19660070410	Transmission testing and evaluation of CV-1546//TSC-29 channel Vocoder Second quarterly progress report, 31 Jul. - 31 Oct. 1965	1965
19660070411	Investigations of broad band ferromagnetic power limiters and expanders as duplexing elements for microwave systems First quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660070412	Research and investigations into the growth of crystals suitable for infrared quantum counters Interim technical report no. 2, 17 Jun. - 17 Sep. 1965	1965
19660070413	Soil-structure integration under dynamic load. Part I - Analysis and correlation Final report	1965
19660070415	A review of the Mechanical Properties Data Center operation and expansion Technical report, Mar. 1, 1965 - Feb. 28, 1966	1965
19660070416	Laser devices exploratory investigation Interim engineering report, 1 Aug. - 31 Oct. 1965	1965
19660070417	Some investigations in mathematical logic	1965
19660070419	Radiosonde errors caused by the discreteness of the scale	1965
19660070420	Single crystal silicon films on insulating substrates Second interim report, 1 Aug. - 31 Oct. 1965	1965
19660070421	Results of recent investigations of V/STOL CONTROL and response requirements using variable stability helicopters	1965
19660070424	Compatible techniques for integrated circuits /120 megacycle transceiver/ /multi-channel digital communications system/, volume II FINAL report, 24 Apr. 1961 - 23 Oct. 1964	1965
19660070425	Radiation protection measuring devices of the VEB Vakutronik Dresden	1965
19660070426	22nd meeting of the AGARD /NATO/ Aerospace Medical Panel, Furstenfeldbruck, Germany	1965
19660070427	First International Conference on Microcalorimetry and Thermogenesis, Marseille, July 29 - August 3, 1965	1965
19660070430	Low noise tunable VHF frequency converter design Quarterly progress report no. 1, Jul. 1 - Sep. 30, 1965	1965
19660070431	Reliability physics studies on transistors Second quarterly report	1965
19660070432	Cavitation tests of a Kamewa 3-blade supercavitating controllable pitch propeller	1965
19660070433	Casting and hot working of sound large diameter beryllium ingots Final technical report, 1 Apr. 1963 - 31 Jul. 1965	1965
19660070434	Axially symmetric wave propagation in a two-layered cylinder	1965
19660070435	High rate /5-min/ missile battery program Second quarterly report, Sep. 15 - Dec. 15, 1965	1965
19660070436	Quarterly reliability and quality assurance report, June - September 1965. Volume II - Quality assurance	1965
19660070437	Studies and investigations leading to the design of a radio direction finder system for the MF-HF-VHF range First quarterly report, 1 May - 31 Jul. 1965	1965
19660070443	Reusable orbital transport - Ground support equipment require	1965
19660070447	Reusable orbital transport - Vehicle flutter analysis	1965
19660070450	Investigation of the Nutritional Properties of Hydrogenomonas Eutropha Semiannual Report, 1 Jun. - 30 Nov. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070452	A Study of Atomic and Molecular Collision Phenomena by High Velocity Atomic and Molecular Beams Fifth Semiannual Report, Period Ending 31 Dec. 1965	1965
19660070453	Installation manual, Saturn V S-II stage service arms, launch complex 39, volume II	1965
19660070454	Installation manual, Saturn V S-IVB stage service arms, launch complex 39, volume III	1965
19660070455	Rail curve lubricants - A partial correlation between apparent viscosity and delivery	1965
19660070457	Development of protective coatings for tantalum base alloys Summary technical report, 1 Jun. 1964 - 31 May 1965	1965
19660070460	Transtage limit and ultimate structural-test series Final report	1965
19660070461	Review of research on flash blindness, chorioretinal burns, countermeasures, and related topics Final report	1965
19660070462	Study of fuel cells using storable rocket propellants Quarterly report no. 3, 18 Aug - 18 Nov. 1965	1965
19660070464	Advanced fabrication processes for functional electronic blocks	1965
19660070465	Manufacturing methods for high temperature coating of large columbium parts Fourth interim progress report, 1 Sep. - 30 Nov. 1965	1965
19660070466	Flow turning of tungsten alloy sheets Final technical report, May 1961 - Mar. 1964	1965
19660070467	Compatible techniques for integrated circuits, volume I Technical report, 24 Apr. 1961 - 23 Oct. 1964	1965
19660070468	X-band high power CW amplifier and amplifier console Ninth quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660070469	Micropower functional electronic blocks Quarterly report, 15 May - 14 Aug. 1965	1965
19660070470	The influence coefficient method for the determination of wind shear loads in the preliminary design of booster vehicles. Part II - Computer program Final report	1965
19660070471	Interference reduction techniques for pulsed transmitters Quarterly progress report, 15 Aug. - 15 Nov. 1965	1965
19660070472	Image interpretation cell's indexing, storage, retrieval system for tactical data base materials Technical report, 1 Jun. - 1 Aug. 1965	1965
19660070473	Design study report on an electro-optical slit camera for tactical reconnaissance Technical report, Jun. 1964 - Apr. 1965	1965
19660070474	Space travel and cybernetics	1965
19660070475	Applied research on high resolution film scanning electron-beam readout device, phase II Final technical report	1965
19660070476	Analytic solution for fluid stratification in a gyroscope	1965
19660070477	Sweep-frequency backscatter with calibrated amplitude	1965
19660070478	The influence of secondary flows on drag forces Final report, Dec. 1962 - Aug. 1965	1965
19660070479	Introduction to the intrinsic study of the class of steady-state motions of a perfect plasma in a stationary magnetic field	1965
19660070483	The measurement of the flow rate of epinephrine as an indication of emotional stress	1965
19660070484	Measurement of impurity distribution of diffused layers in silicon by four-point probe and anodic oxidation technique	1965
19660070485	Microwave detector using plasma	1965
19660070486	Ionization resulting from a neutron point source in an exponential atmosphere Final report	1965
19660070487	Millimeter wavelength power generation utilizing the Phreatron effect Final report, 1 Jun. 1963 - 30 Jun. 1965	1965
19660070488	Survey of foamglas insulated buried hot pipelines, phase III Final report, Oct. - Nov. 1965	1965
19660070490	Feasibility study of the use of liquid explosives and associated components	1965
19660070492	Inviscid radiating flow around bodies, including the effect of energy loss and non-grey self-absorption	1965
19660070495	A survey study on the effects of vibrations, sound fields and pulsations on heat and mass transfer from flat plates, cylinders and ducts	1965
19660070496	Instructions for using the Aerodux 185 hardener /type HRP 150/	1965
19660070497	Manufacturing methods for high temperature coating of large molybdenum parts Final report, 26 Jun. 1962 - 30 Oct. 1964	1965
19660070499	Quantic interpretation of frequency modulation. Physical meaning of light absorbed by the vapor of an alkaline metal	1965
19660070500	Various results in the field of optoelectronics	1965
19660070501	Protective efficiency of the polyamid helmet	1965
19660070502	World distribution of effective radiation	1965
19660070504	Thermodynamics of interstitial solid solutions and refractory compounds Technical documentary report, Sep. 1964 - Sep. 1965	1965
19660070505	A telephoto lens from Goeritz	1965
19660070506	Circular parachute with keeled channel	1965
19660070507	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, 20 Aug. - 20 Nov. 1965	1965
19660070508	Spectra notebook. Volume I - Material, target and background data	1965
19660070510	Study of airborne millimeter radar techniques Quarterly report no. 1, 1 Apr. - 30 Jun. 1965	1965
19660070511	A note on the reliability of redundant structures	1965
19660070513	Interference reduction techniques for receivers Interim final report no. 2, 1 Jun. 1964 - 31 Jul. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070514	Investigation of flow separation over ramps at M infinity equals 3	1965
19660070515	Radiation monitoring and measuring instruments	1965
19660070517	Long wavelength infrared fiber optics Final report, 20 May 1964 - 20 Sep. 1965	1965
19660070519	Manufacturing process for premium quality titanium castings Interim engineering progress report, 15 Aug. - 15 Nov. 1965	1965
19660070521	Determination of an alternating electrical field in a stratified medium	1965
19660070522	Development of radio teletypewriter sets, AN/GRC-122 and AN/GRC-142 Interim report	1965
19660070523	Development of radio teletypewriter sets, AN/VSC-2 and AN/VSC-3 Interim report	1965
19660070525	Development of techniques for vapor-plating passive film components on silicon integrated circuit wafers Interim engineering report, 27 Jun. - 26 Sep. 1965	1965
19660070527	ALSS payloads, preliminary design study - Slide material Summary presentation	1965
19660070528	Failure of viscoelastic materials under cyclic strains, part 1	1965
19660070530	Relationship of biochemical activity to environmental and developmental changes in Ascaris Progress report, 1 Jul. - 31 Dec. 1965	1965
19660070534	Reusable orbital transport - The detachable ablative heat shield concept	1965
19660070536	Origin environmental significance of large-scale patterned ground - Donnelly Dome area, Alaska	1965
19660070537	Electromagnetic scattering by a perfectly conducting prolate spheroid Interim engineering report	1965
19660070539	Accelerated testing of high reliability parts Final technical report, 10 Jun. 1964 - 10 Jun. 1965	1965
19660070540	Fire and explosion hazards of flight vehicle combustibles Quarterly progress report, Sep. 1 - Nov. 30, 1965	1965
19660070541	March 1965 test firing series Project HARP	1965
19660070545	Research to relate the effects of structure and composition of a propellant binder to the mechanical properties of a composite propellant Second quarterly progress report, Aug. 13 - Nov. 13, 1965	1965
19660070546	A broadband theory for linear arrays	1965
19660070547	Subsonic tests in free molecule flow on impact tube pressure probes having a wide range of tube lengths at angles of attack up to 90 deg	1965
19660070548	High energy oxidizers Third quarterly technical summary report, Aug. 1 - Oct. 31, 1965	1965
19660070549	Image-intensification device Final report	1965
19660070550	A study of nonlinear phenomena in the propagation of electromagnetic waves in a weakly ionized gas	1965
19660070553	Near-wake ionization behind a sphere in hypersonic flight. II - Influence of flight conditions	1965
19660070554	Ultrasonic tool for providing leaktightness on flared tubing connections. Phase I - Feasibility	1965
19660070557	Water transfer from soil to the atmosphere as related to soil properties, plant characteristics and weather Annual report, Jul. 1964 - Jun. 1965	1965
19660070558	Direct contact detonation explosives metalforming Final report, 1 Jun. 1964 - 31 Aug. 1965	1965
19660070559	Feasibility model of a gallium arsenide ranging system Final report, Jun. 1964 - Sep. 1965	1965
19660070560	Development of an integrated and mechanized high energy forming machine Second interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660070563	Ductile-brittle transition in refractory metals Technical report, Jun. 1, 1964 - Aug. 31, 1965	1965
19660070564	Process development of large, close tolerance forgings of nickel base superalloys Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660070565	Research on high vacuum ultraviolet effects Final report, 1 May 1964 - 31 May 1965	1965
19660070566	A fundamental investigation of the nature of stress-corrosion cracking in aluminum alloys Technical report, Jun. 1964 - Apr. 1965	1965
19660070567	Gas tungsten-arc /TIG/ welding Interim engineering progress report, 1 Sep. - 30 Nov. 1965	1965
19660070568	The effect of testing system characteristics on fracture behavior Final report, 1 Apr. 1964 - 31 Mar. 1965	1965
19660070571	Study of thin film sensor for high altitude temperature Final report	1965
19660070572	Structural evaluation of refractory material leading edges for hypersonic missiles Quarterly report no. 2, 1 Jul. - 1 Oct. 1965	1965
19660070574	Use of optical masers as transducers for pendulum and strain seismographs Final report, 5 Apr. 1963 - 31 Oct. 1965	1965
19660070575	Unmanned stations on the moon	1965
19660070577	Second interactions in the Ising and Heisenberg models of ferromagnetism	1965
19660070580	Improved Delta Quarterly technical progress report, Oct. - Dec. 1965	1965
19660070581	Sporlan Valve Company solenoid valve, part no. 10H-S Test report	1965
19660070582	Cardair Division of Marmon-Herrington Co., Inc. two-way hand valve, part no. 3510-0081	1965
19660070584	Laboratory work and analyses on materials and components to be used in prototype pressure transducers and solution of mechanical predesign problems Second quarterly progress report, 1 Aug. - 31 Oct. 1965	1965
19660070585	Research and technological implications - Launch vehicle systems cost model	1965
19660070586	EMP instrumented canister Final report	1965
19660070587	A Bayesian solution to the re-entry tracking problem Interim technical report	1965
19660070588	The primary working of refractory metals Technical report, 1 Aug. 1964 - 31 Jul. 1965	1965
19660070589	Metallo-organic liquid laser research Technical report, 1 Jan. - 30 Jun. 1965	1965
19660070590	The ionospheric refraction for frequencies of 20, 40, and 108 MC/sec, and its application to the Doppler effect of satellites	1965
19660070591	Project Apollo Sixth quarterly report, 1 Sep. - 1 Dec. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070592	Pneumatic separator assembly, NASA part no. 75M-04217 Test report	1965
19660070593	Elastic Stop Nut Corporation of America Agastat time-delay relay, part no. 2745Y54C TEST report	1965
19660070595	J. E. Lonergan Company relief valve model no. 41W209M Test report	1965
19660070596	Preliminary definition phase, Apollo extension system - Structural analysis Final report	1965
19660070597	Custom Components Switches, Inc. pressure switch, manufacturer's model no. 603GC9-7S, NASA part no. B75M07505 Test report	1965
19660070599	A study of station performance criteria, volume I	1965
19660070600	A study of station performance criteria. Volume III - Worksheets	1965
19660070602	Lunar surface exploration - Identification and description of proposed experiments	1965
19660070605	A study of station performance criteria. Volume II - Appendixes a to j	1965
19660070607	ALSS payloads. Volume II, book 2- Mobility systems. /Part 1 - Sections 1 to 10/ Final report	1965
19660070608	NOL-761/NASA R120 magnetometry highlights Quarterly progress report, period ending 31 Dec. 1965	1965
19660070610	Apollo Logistics Support System /ALSS/ PAYLOADS. MOLAB management plans - Value engineering	1965
19660070611	The behavior and design of brittle structures Technical report, Jan. 1964 - Jul. 1965	1965
19660070613	Oxidation of ethyl Michler's ketone oxime Quarterly progress report, Jul. - Sep. 1965	1965
19660070614	SNAP-8 electrical generating system development program Eighteenth quarterly progress report, Sep. - Nov. 1964	1965
19660070615	Study of performance efficiency in entry design. Volume II - Hypersonic design data Final report, Jun. 1963 - Feb. 1965	1965
19660070617	Power subsystems for application to a military communications satellite Technical report, 1 Dec. 1964 - 12 Jan. 1965	1965
19660070618	Research and development of cathodoluminescent phosphor with high-intensity ultraviolet emission Fourth quarterly progress report, 1 May - 31 Aug. 1965	1965
19660070619	Mechanical tests at room and elevated temperatures on hiduminium 100 /S.A.P./ PART IV - Creep tests on 1 in. diameter extruded bar in the various oxide grades	1965
19660070620	Research in long wavelength X-ray spectroscopy Semiannual report no. 4, 1 Sep. 1964 - 31 Aug. 1965	1965
19660070622	Investigate genetic instability in bacteria, particularly with respect to the presence of controlling episomes Final technical report, 1 Mar. 1964 - 28 Feb. 1965	1965
19660070623	Monitoring internal stresses in solid- propellant motors Technical memorandum report, Sep. 1963 - Jun. 1964	1965
19660070624	Research and exploratory development for the Engineering Division, Bureau of Naval Weapons Quarterly report, Apr. - Jun. 1965	1965
19660070625	Investigation of the ductility of TZC alloy - Correlation between extrudability of ingot material and high strain rate tensile tests Technical report, 1 Jan. 1964 - 15 Jun. 1965	1965
19660070626	Investigation of the effects of ionizing transition metal complexes of cyclopentadiene Summary technical report, 1 May 1964 - 31 Mar. 1965	1965
19660070627	Research of 'adaptive sandwiches and learning automata' Final report, 1 Feb. 1964 - 31 May 1965	1965
19660070628	The structure and annealing behavior of explosively shocked MgO crystals Final report, Nov. 22, 1963 - Nov. 22, 1965	1965
19660070629	Studies relating to thermoviscoelastic stress analysis of highly loaded solid propellant. A theory of nonlinear thermoviscoelasticity based on irreversible thermodynamics	1965
19660070630	Castable carbon for nozzle applications Fourth quarterly progress report, Dec. 1, 1964 - Mar. 1, 1965	1965
19660070631	Development of aircraft shock absorbers using friction as the energy dissipator Final report, Jul. 1964 - Apr. 1965	1965
19660070633	The International Center of Theoretical Physics in Trieste	1965
19660070634	Exploratory development of the Q-factor technique Final report, Feb. 1964 - Aug. 1965	1965
19660070636	The influence coefficient method for the determination of wind shear loads in the preliminary design of booster vehicles. Part I - Analysis Final report	1965
19660070638	Investigations on the direct conversion of nuclear fission energy to electrical energy in a plasma diode Annual report, 1 Nov. 1964 - 31 Oct. 1965	1965
19660070639	Igniter development for the Black Brant family of rocket motors	1965
19660070640	Impact flash characteristics of triboluminescent material	1965
19660070641	A gas turbine to generate inert gas for fire fighting	1965
19660070642	High-speed abrasion of textile cordage on concrete	1965
19660070643	Flow separation about elliptic cones at incidence	1965
19660070644	The effects of base bleed on plug nozzles	1965
19660070645	Classical scattering cross sections for radiation-damage calculations. III - Second-order approximation of the Born- Mayer potential	1965
19660070647	Prismatic effect compensation technique Second quarterly report, May - Jul. 1965	1965
19660070648	Precooling of peripheral arterial blood in cold-adapted and warm-adapted rabbits Interim report, Jan. 1964 - Jan. 1965	1965
19660070649	Microwave research and related topics Progress report, May - Aug. 1965	1965
19660070650	Demonstration of feasibility of air-to-ground photo transmission in near-real time	1965
19660070651	Lighting and approach angle considerations for manned lunar landings	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070654	Fluidized bed techniques for coating refractory metals Fourth interim engineering progress report, 8 Sep. - 8 Dec. 1965	1965
19660070655	Infrared spectrum shifter Final report, 11 May 1964 - 11 Sep. 1965	1965
19660070656	Feasibility study of antenna techniques incorporating unidirectional devices as functional elements Final report, Feb. 1, 1964 - Oct. 31, 1965	1965
19660070657	Format I - First version of Fortran matrix abstraction technique. Volume I - Analysis and application of abstraction technique	1965
19660070658	Large solid-propellant boosters explosive hazards study program /Project SOPHY/ FINAL report	1965
19660070659	Aerodynamic characteristics of representative parachute fabrics at simulated high altitudes	1965
19660070660	On the determination of parachute cloth permeability	1965
19660070663	Crane Company 1 1/2 inch manual ball valve P/N 1 1/2-K-5589-B 150 PSIG service	1965
19660070677	Results of sound pressure level measurements during SA-10 launch. Part II - Octave time histories and spectral distribution diagrams	1965
19660070678	Some properties of transistorized IF AMPLIFIERS in relation to internal transistor feedbacks. Transistor noise measurement. Determination of service life of transistors on the basis of time behavior of residual current	1965
19660070679	Some properties of transistorized IF AMPLIFIERS in relation to internal transistor feedbacks	1965
19660070680	Transistor noise measurement	1965
19660070681	Determination of service life of transistors on the basis of time behavior of residual current	1965
19660070682	Quarterly bulletin of the Division of Mechanical Engineering and the National Aeronautical Establishment, 1 January - 31 March 1965	1965
19660070683	Engineering considerations of low altitude flight in turbulence	1965
19660070684	The application of acoustic theory to the reflective properties of coastal engineering structures	1965
19660070685	The Wildhaber-Novikov system of gearing	1965
19660070688	Testing equipment for freeze-drying foods	1965
19660070689	Tests in simulated rain of a standard marine rotating windscreen for aircraft rain clearance	1965
19660070690	Stresses and deformation in anisotropic shells	1965
19660070691	Infrared image converter Quarterly report, 1 Aug. - 31 Oct. 1965	1965
19660070692	The corrective maintenance burden prediction procedure Procedural instructions	1965
19660070693	Investigation into the spectra of electro- and photo-luminescent phosphors activated by rare earth elements	1965
19660070694	A critical survey of shock-on-shock interaction theory Final report, Jun. - Sep. 1965	1965
19660070695	The development of the Rootes TS.3 oil test	1965
19660070696	Maintenance manual, Saturn V, launch complex 39. Volume II - S-II stage service arms	1965
19660070697	Maintenance manual, Saturn V, launch complex 39. Volume III - S-IVB stage service arms	1965
19660070699	Evaluation of a design factor approach to space vehicle design for random vibration environments	1965
19660070700	Advanced theoretical and experimental studies in automatic control and information systems Semiannual status report, 1 Jul. - 31 Dec. 1965	1965
19660070701	Research in solar flares and the solar atmosphere Semiannual progress report, Jun. 1 - Dec. 1, 1965	1965
19660070702	19-digit shaft angle encoder, 3.9-inch diameter Summary report	1965
19660070703	AES reference mission no. 3 /lunar polar orbit/, functional flow diagrams, volume II	1965
19660070704	Saturn V S-IC stage service arms, launch complex 39, volume I Maintenance manual	1965
19660070705	Feasibility study of an impulse generator for the LASH projectile	1965
19660070706	Hot electron amplifier Annual summary report, 1 Jul. 1964 - 30 Sep. 1965	1965
19660070708	Snapshot failure analysis report Final failure report	1965
19660070709	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report no. III 1 Sep. - Nov. 1965	1965
19660070713	Apollo Logistics Support System /ALSS/ PAYLOADS. Molab mobility systems, vehicular	1965
19660070714	Solid state TACAN control and transfer unit Final report no. 2, Mar. 1964 - Jul. 1965	1965
19660070715	Failure mechanisms in semiconductor diodes Semiannual technical report, 4 Jan. - 3 Jul. 1965	1965
19660070717	Penetration of shaped-charge jets into metallic targets	1965
19660070718	Polyvinylcarbazole	1965
19660070720	Quarterly bulletin of the Division of Mechanical Engineering and the National Aeronautical Establishment, 1 July - 30 September 1965	1965
19660070721	NAE helium hypersonic wind tunnel	1965
19660070722	Digital computer simulation of frog sciatic nerve	1965
19660070723	Productivity and cost comparison of aircraft types used to water-bomb forest fires	1965
19660070724	Control systems research Research achievements review, series no. 6	1965
19660070725	Rocket engine fuel additive evaluation program Final report, 13 May - 13 Nov. 1965	1965
19660070727	Load induced interaction among the constituents of fibrous composites	1965
19660070728	Inorganic laser materials Interim engineering report, 1 Aug. - 30 Nov. 1965	1965
19660070729	Energy transfer and cw laser action in Tm plus 3 - Er203	1965
19660070730	Energy transfer and cw laser action in Ho plus 3 - Er203	1965
19660070731	Surface and bulk states of additives in alumina powder	1965
19660070732	NASA Project GEMINI: Familiarization manual. Long range and modified configurations	1965
19660070734	Polymorphism in palladium /II/ chloride	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070735	A subminiature mechanical safety and arming device	1965
19660070738	Signature data. Volume III - Optical signature data report 65-020 for test 0501 /Project FIRE II/ /U/	1965
19660070739	Reflection and Doppler characteristics of targets and clutter /U/ Second semiannual report, 1 Jan. - 30 Jun. 1965	1965
19660070740	Signature data. Volume II - Optical signature data report 65-020 for test 0501 /Project FIRE II/ /U/	1965
19660070741	Research on non-sequential scanner for surveillance applications /U/ Technical report, 1964 - 1965	1965
19660070742	TFG MAW round no. B-3 /U/ Flight evaluation report no. 8	1965
19660070744	Quality assurance test number VI-QA-52 /GROUND level test/, M57A1 operational rocket motor, weapon system 133A /U/ Final report	1965
19660070746	Mach 10 heat transfer and pressure distribution on a delta wing with split flap /U/ Technical report, Mar. 25 - Sep. 18, 1965	1965
19660070747	Televsual acquisition of surface targets from aircraft - A review of the literature /U/	1965
19660070748	Research on boron filaments and composites /U/ First yearly summary report, Sep. 15, 1964 - Sep. 14, 1965	1965
19660070749	Development of a microwave radiometer sensor for missile guidance /U/ Quarterly report no. 2, Apr. 14 - Jul. 14, 1965	1965
19660070751	Measured side-on air blast from Pentolite and TNETB explosive charges /U/	1965
19660070753	Semi-passive receiving array /U/ Quarterly report no. 1, 1 Jul. - 30 Sep. 1965	1965
19660070756	Experimental evaluation of the performance of a high energy fuel with chlorine trifluoride /U/ Technical report, Nov. 1964 - Mar. 1965	1965
19660070758	Fabrication and test of a pulse code modulated star tracker /U/ Final technical report, Jul. 1964 - Aug. 1965	1965
19660070762	Acoustic detection prediction studies. Part 4 - Tactical use of a ray tracing program SUBIC at-sea test no. 1 /U/	1965
19660070763	Particle dynamics in plug and reverse flow nozzles /U/ Third quarterly technical progress report, 1 Aug. - 1 Nov. 1965	1965
19660070764	High gain steerable antenna study /U/ Final report, 1 Oct. 1964 - 1 Jul. 1965	1965
19660070765	Monopropellant evaluation /U/ Progress report, 1 Dec. 1964 - 31 Dec. 1965	1965
19660070766	Wind tunnel investigation of a 1/6-scale F-111A inlet at Mach 1.2 /U/	1965
19660070767	DCA research and development guide - Time division multiplex /U/	1965
19660070773	SEC image intensifier vidicon tube /U/ Second interim report, Jun. 1964 - Apr. 1965	1965
19660070774	Investigation of combustion and performance efficiencies of Beane-containing bipropellant system /U/ Quarterly report, Jun. - Aug. 1965	1965
19660070776	Development of a gallium arsenide infrared light source /U/ Interim technical report no. 1, 1 Jan. - 31 Mar. 1965	1965
19660070777	Desensitization of available high-energy NF COMPOUNDS /U/ Annual report, Jul. 1, 1964 - Jun. 30, 1965	1965
19660070779	Decay of electron density in the wakes of ablating projectiles	1965
19660070783	The absorption spectra of shock-heated Teflon/argon and Teflon/nitrogen mixtures	1965
19660070792	In-theater transport performance study. Volume II - Cargo loading analysis, operational factors, and costs /U/	1965
19660070798	Second phase ballistic test of 5 inch cylindrical perforation /5 inch C.P./ ROCKET motor /U/	1965
19660070799	Service life of M60 rocket motor for AIM 26A/26B guided missile /phase III and phase IV/ /U/	1965
19660070801	MA158 Launch Vehicle Engine, preliminary information /U/	1965
19660070809	Optical range and range rate investigation /U/ Interim engineering report no. 8, 16 Sep. - 15 Dec. 1965	1965
19660070813	Subsonic wind tunnel investigation of high L/D hypersonic glide vehicle configurations /U/	1965
19660070815	An optimum intercepting problem /U/ Technical report no. 491	1965
19660070816	SSLV-5 no. 4 post firing flight test report /U/ Final evaluation report	1965
19660070817	Results of the drogue decelerator test behind a full scale model of the prime SV-5D VEHICLE in the Arnold Center 16-foot supersonic and transonic propulsion wind tunnels /U/	1965
19660070818	Development and evaluation of Vocoder synthesizer Final report, Jan. - Nov. 1965	1965
19660070819	Lasers in the UK. Part II - Services Electronics Research Laboratory, Baldock, Hertfordshire	1965
19660070820	Lasers in the UK. Part I - The Royal Radar Establishment /RRE/, Great Malvern, Worcestershire	1965
19660070821	Materials research at the Services Electronics Research Laboratory, Baldock, Hertfordshire	1965
19660070822	Nuclear physics centers in Belgium and the Netherlands	1965
19660070823	Secondary injection, "on-off" valve, vibration, hydraulic test and response investigation for lance pulse integral modulation, thrust vector control system	1965
19660070824	Reliable, low cost, stable resistors general purpose Tenth quarterly progress report, 1 Aug. 1965 - 31 Oct. 1965	1965
19660070825	A study of the vortex sheet immediately behind an aircraft wing	1965
19660070828	Stable ferrites for R.F. applications Quarterly report no. 5, 1 Jul. - 30 Sep.	1965
19660070829	A study of potential application of PAD IN dissemination of flame/incendiary agents Final report	1965
19660070832	Behavior of nozzle materials under extreme rocket motor environments Quarterly progress report, Sep. - Nov. 1965	1965
19660070833	Sixth Conference of the Western European Association for Aviation Psychology, The Hague, Netherlands, 7-10 September	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070834	Research on fatigue and fracture of steel at the Ship Structure Research Laboratory and the Metal Institute TNO, Delft, Netherlands	1965
19660070835	Experimental and analytical investigation of target scattering matrices Final report	1965
19660070836	Hydrothermal growth of large ruby single crystals, phase I Final report, 1 Jan. 1963 - 15 Apr. 1965	1965
19660070837	Study and investigation of millimeter and submillimeter wave receiver technique Final report, 1 Mar. 1963 - 30 Jun. 1965	1965
19660070838	The development of an improved electric detonator	1965
19660070839	Apollo Logistics Support System /ALSS/ PAYLOADS Summary of detailed technical reports	1965
19660070840	The influence of propagation conditions on the design of vlf radio wave long-range navigation aids	1965
19660070841	Investigations into fuel pump failures at very low outside air temperatures	1965
19660070842	Laboratory experiences with a gas turbine powered power package Progress report, Jul. - Mar. 1965	1965
19660070843	Fire tests of two remote area fire suppression system concepts Final report	1965
19660070846	Some solid state research at the Royal Radar Establishment, Great Malvern	1965
19660070848	Structural temperatures at supersonic flight from B-58A and F-105D aircraft	1965
19660070850	Study of transient radiation effects on microelectronics. Volume I - Introduction, experimental study, digital logic gate study Final report, Jan. - Jul. 1965	1965
19660070851	Study of transient radiation effects on microelectronics. Volume II - Flip-flop study, amplifier study, supplementary circuit investigation, conclusions and recommendations Final report	1965
19660070852	The effects of design parameters and local flow fields on the performance of hyperflo supersonic parachutes and high dynamic pressure parachute concepts Final report, 30 Jun. 1964 - 31 Aug. 1965	1965
19660070853	SSB and VHF crystal filters Quarterly report, Jun. 15 - Sep. 15, 1965	1965
19660070856	Indium antimonide	1965
19660070857	Effects of thermo-mechanical variables on the texture and bend ductility of high purity beryllium sheet Technical report, 15 May 1963 - 31 Dec. 1964	1965
19660070858	Development of a manufacturing process and associated equipment to improve internal core forming in solid propellant rocket motors Interim engineering progress report, 15 Jul. - 15 Nov. 1965	1965
19660070859	Air blast results for project BANSHEE	1965
19660070861	Comparison of the semiautomatic audiometer with manual audiometry	1965
19660070862	Configuration-dispersive delay line feasibility study Final report, 18 May 1964 - 27 Aug. 1965	1965
19660070863	Cosmic ray and solar proton albedo neutron decay injection	1965
19660070864	Low light level measurement evaluation and simulation techniques Final report, Apr. 1964 - May 1965	1965
19660070865	Further investigation of notch sensitivity of refractory metals	1965
19660070866	Mathematics in northern and southern Ireland	1965
19660070867	Neoprene elastomers for balloon fabrication First quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660070869	Ammonia production feasibility study - Thermal refrigeration Final technical report, Nov. 1964 - Nov. 1965	1965
19660070870	The effects of design parameters and local flow fields on the performance of hyperflo supersonic parachutes and high dynamic pressure parachute concepts	1965
19660070871	Design study for a directional control gyro	1965
19660070872	Development of manufacturing methods for production of a wide dynamic range television pickup tube Interim engineering progress report, 1 Sep. - 30 Nov. 1965	1965
19660070873	Development of manufacturing methods for production of dual axis rate transducers Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660070874	Electrophoretic deposition of refractory metals coatings Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660070875	Antenna filter window Progress report	1965
19660070883	Space programs summary no. 37-36, volume V for the period October 1, 1965 to November 30, 1965. Supporting research and advanced development /U/	1965
19660070884	A Method for Estimating Weights of Environmental-control Systems in Manned Spacecraft /U/	1965
19660070888	Study of Laser Pointing Problems /U/ Final Technical Report, 3 Aug. 1964 - 30 Jun. 1965	1965
19660070890	System Criteria for Reusable Launch Vehicles Final Progress Briefing /U/	1965
19660070891	Gamma Heating Study for a Tungsten Rocket Reactor (Monthly Progress Report for February 1965)	1965
19660070897	J-2 Program (U) Bimonthly Progress Report, 1 Sep. - 31 Oct. 1965	1965
19660070899	Development of a modulated beam mass spectrometer apparatus for gas-solid reaction kinetics studies	1965
19660070900	Ammonia production feasibility study Final technical report, Nov. 1964 - Nov. 1965	1965
19660070901	Response of materials and structures to suddenly applied stress loads Interim report, 1 Aug. 1964 - 31 Jul. 1965	1965
19660070905	NDRO memory Interim technical report, 1 Oct. - 31 Dec. 1965	1965
19660070907	U.K. - U.S.A. Conference on Computer- Augmented Instruction	1965
19660070908	Investigation of modified silicide coatings for refractory metal alloys with improved low-pressure oxidation behavior Final report, 1 Jun. 1964 - 31 May 1965	1965
19660070909	Conference on Nuclear and Particle Physics	1965
19660070910	Techniques for the control of integrated circuit quality and reliability Interim engineering progress report no. 1, 1 Jul. - 31 Oct. 1965	1965
19660070911	Comparisons of weights and performance of solar dynamic energy conversion systems	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070912	Design data for materials employed in thermal protective systems on advanced aerospace vehicles Final report, volume III	1965
19660070913	Advanced processing techniques for camera tubes Final technical report, Feb. 1964 - Nov. 1965	1965
19660070915	Description and evaluation of environmental control and cryogenic supply subsystems for X-20 /Dyna-Soar/	1965
19660070916	A study of the effect of superimposed stress concentrations Final report, 1 Apr. 1964 - 31 Mar. 1965	1965
19660070917	Laser spectral control techniques Interim report	1965
19660070943	Isolated nacelle drag of high by-pass ratio turbofan engines /U/ Final technical report	1965
19660070944	Reflection and Doppler characteristics of targets and clutter, volume 2 /U/ Second semiannual report, 1 Jan. - 30 Jun. 1965	1965
19660070945	The advanced storable engine /U/	1965
19660070946	Modification and Testing of an Atlas Oxidizer Boiloff Valve for a FLOX Atlas Vehicle (U) Third Monthly Progress Report, 1 May - 1 Jun. 1965	1965
19660070947	Atlas FLOX Program (U) Seventh Monthly Progress Report, 4 Apr. - 1 May 1965	1965
19660070948	Preliminary Definition Phase Apollo Extension System - Structural Loads and Criteria (U) Final Report	1965
19660070949	Development of a high energy pulse throttled microthrust rocket engine /U/ Final report, 1 Feb. 1963 - 15 Sep. 1964	1965
19660070951	Structural analysis of the Sparrow/Shrike propulsion system /U/	1965
19660070954	ADLAT III. Terrain-following sensor investigations /U/ Interim engineering report no. 2, 1 Sep. -1 Dec. 1965	1965
19660070955	Advanced Airbreathing Vehicles /U/	1965
19660070958	New switching concepts Fifth quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660070959	RFI applications of dielectric materials Technical report, 1 Oct. 1964 - 1 Oct. 1965	1965
19660070960	Novel image-dissector camera tube for surveillance application investigation Quarterly progress report no. 5, 1 Jul. - 30 Sep. 1965	1965
19660070961	Higher-order diffraction of a conducting strip by Sommerfeld's solutions	1965
19660070963	Development of manufacturing methods for growing large beta-silicon carbide single crystals Interim engineering progress report, 1 May - 31 Oct. 1965	1965
19660070965	An investigation of the thermal shock behavior of refractory materials Summary technical report, Jul. 1964 - Nov. 1965	1965
19660070966	Design for a high-duty-cycle, bipolar, logarithmic video amplifier	1965
19660070967	Environmental radioactivity in Greenland in 1964	1965
19660070970	Bi-elliptic transfer with plane change	1965
19660070972	Mass spectrometric study of the yttrium-carbon system Technical report, 1 Apr. 1964 - 15 Jul. 1965	1965
19660070973	Investigation of irreversible desiccants for packaging	1965
19660070974	Gallium arsenide semiconductor devices produced by neutron transmutation doping Technical report, Jul. 1964 - Aug. 1965	1965
19660070977	The determination of atomic collision cross sections using crossed electron and ion beams /and some sources of error in such experiments	1965
19660070978	Ruggedized cable assembly for PCM equipment Quarterly progress report, Jun. 30 - Sep. 30, 1965	1965
19660070979	Inorganic dielectrics research Progress report, May 15 - Aug. 15, 1965	1965
19660070980	Image degradation with random wavefront tilt compensation	1965
19660070982	Negative-grid tubes for phased arrays Final report, 1 Jul. 1963 - 31 Aug. 1965	1965
19660070983	Research on thin film tunnel cathodes, recombination cathodes, and similar cold cathodes Sixth quarterly progress report, 15 Jun. - 14 Sep. 1965	1965
19660070984	Development of a tubing and bar process for a dispersion strengthened Ni-Cr-ThO2 alloy Interim report, Oct. 1 - Dec. 31, 1965	1965
19660070986	Error reduction in loop direction finders Third quarterly progress report, 1 Sep. - 30 Nov. 1965	1965
19660070989	A critique of the Ranger photographic analyses and interpretations	1965
19660070991	Project Apollo Fifth quarterly report, 1 Jun. - 1 Sep. 1965	1965
19660070997	Southwestern Industries, Inc. pressure switches, manufacturers part number PS-5832A-D1025	1965
19660070998	Thermodynamic design charts for estimating nose fairing skin thicknesses for Saturn ascent to near earth orbits	1965
19660070999	Apollo extension systems - Lunar excursion module. Phase B. Volume XVII - Manufacturing plan Final report	1965
19660071001	The radiation pattern of an electric line current enclosed by an axially slotted plasma sheath - I	1965
19660071004	Infrared interferometer spectrometer instrument Progress report no. 2, 1-31 Oct. 1965	1965
19660071005	Infrared interferometer spectrometer /IRIS/ INSTRUMENT First quarterly report, 15 Sep. - 15 Dec. 1965	1965
19660071006	Imperial-Eastman Corporation hydraulic flex hose assemblies, catalog number H104 Test report	1965
19660071007	An experimental investigation of the adaptive potential of species of populations of mammals for withstanding environmental stressors Semiannual status report, Jul. 1 - Dec. 31, 1965	1965
19660071008	Analytical and experimental studies of impact dampers	1965
19660071009	Automatic Switch Company solenoid valve, part number HT8266-153 Test report	1965
19660071010	Ground motions induced by Saturn missile launches	1965
19660071011	Revised guide for inputting data to the CATCH program	1965
19660071012	Critical literature survey of missile blast resistant materials, June 1, 1964 - August 1, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071016	BORAM project - An attempt to develop an all-electronic substitute for existing drum, disk, and tape memory techniques Second quarterly report, 15 Jun. - 15 Sep. 1965	1965
19660071018	Feasibility study on photoconductive image converters	1965
19660071019	A low-turbulence wind tunnel driven by a centrifugal blower	1965
19660071021	Category II system development test and evaluation of the 482L emergency mission support system, 1 June 1964 - 15 March 1965	1965
19660071022	Jamesbury Corporation ball valve part number 3/4 HT36GT Test report	1965
19660071023	Axial transmissibility characteristics for typical rocket vehicle structures Final report, 29 Jun. 1964 - 29 Nov. 1965	1965
19660071024	Alertness in manned space flight. Part I - Review of the literature and development of alertness monitoring method Final report	1965
19660071026	Wind loads on flat-top cylinders	1965
19660071027	Electron density probe First quarterly report, 28 May - 28 Aug. 1965	1965
19660071028	NDRO memory Interim technical report, 1 Jul. - 30 Sep. 1965	1965
19660071029	Development of oxidation-resistant hafnium alloys Bimonthly report no. 4, Aug. 15 - Oct. 15, 1965	1965
19660071030	ALSS Payloads. Volume II, Book 11 - Reliability Final Report	1965
19660071031	Design and build of three GG14M gyros with a gas bearing spinmotor Final report	1965
19660071032	Great circledom revisited - A simple accurate method for determining great circle distances and routes on polar stereographic projections	1965
19660071035	Proceedings of the thirteenth meeting of the ICRPG Working Group on Design Automation	1965
19660071036	Optimization of multistage three-dimensional boost trajectories	1965
19660071037	Thrust vector control preliminary design program	1965
19660071038	Proceedings of the 1964 Symposium on Unconventional Inertial Sensors	1965
19660071039	A review of the past year's activities in Unconventional Inertial Sensors /U/	1965
19660071040	Solid-state digital accelerometer /U/	1965
19660071041	Squeeze film suspended inertial sensors /U/	1965
19660071042	The tensor interaction of differential force sensors with gravitational and inertial fields /U/	1965
19660071043	An unconventional rocket attitude sensor and controller /U/	1965
19660071044	Status report on the work carried out by the Development Laboratories, Inc. for the Bureau of Naval Weapons on angular rate and position indicators based on fluid vortices /U/	1965
19660071045	Piezo-optic accelerometer	1965
19660071046	The unsupported gyroscope	1965
19660071047	New trends in nonfloated precision gyroscopes	1965
19660071048	Current status of the ring laser gyro	1965
19660071049	Optical maser photon rate gyroscope	1965
19660071050	An optical orientation gyroscope	1965
19660071051	High precision NMR gyroscope using maser oscillation	1965
19660071052	Drift Data for the Cryogenic Gyroscope	1965
19660071053	Three-axis accelerometer using an electrically suspended particle as a proof mass	1965
19660071054	A-C containment of charged particles	1965
19660071058	LVDC equation defining document SA-202	1965
19660071061	The temperature mismatch problem in heat flux measurement, vol. I Final report	1965
19660071062	Reliability of structures and components subjected to random dynamic loading. Volume I - Technical report Final report, Jul. 1, 1964 - Aug. 31, 1965	1965
19660071063	Reliability of structures and components subjected to random dynamic loading. Volume II - Literature search Final report	1965
19660071064	Optimum nose shape study - Cone plus frustum and cone plus frustum cylinder, configuration for Saturn V vehicles Final report, Jan. - May 1965	1965
19660071066	Electromagnetic radiation from plasma of high temperature and density	1965
19660071067	F-5 follow-on systems evaluation test Final technical report	1965
19660071068	Simulation techniques for aperiodic sampling study of R-A-D-A systems	1965
19660071069	Conceptual flutter analyses Quarterly report no. 5	1965
19660071070	Effect of errors on speech intelligibility and quality when using selective amplitude sampling	1965
19660071071	An engineering approach to combustion instability	1965
19660071072	Long life closed loop MHD research and development unit Final report, 15 Oct. 1963 - 15 Aug. 1965	1965
19660071074	Boundary layer studies in an arc-heated wind tunnel Semiannual report no. 1, 1 May - 31 Oct. 1965	1965
19660071075	Spin decay of a flexible satellite by structural dissipation of energy	1965
19660071077	XSR 57-UT-1 motor testing development phase Test plan	1965
19660071078	Catapult reliability analyses, models TCE1 Mod 3, TCE1-FRG, and CE1 Mod 3 /serial no. 7401/	1965
19660071079	Ceramic systems for missile structural applications Summary report no. 3, 1 Nov. 1964 - 31 Oct. 1965	1965
19660071081	Ion engine orbital flight test program	1965
19660071082	Investigation of missile body transfer function requirements	1965
19660071084	Behavior of guarding probes	1965
19660071085	AM2 replacement mat and runway/taxiway key sections	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071086	The application of a gelatin resin system to aerospace expandable sandwich structures Final report, Jun. 1964 - May 1965	1965
19660071087	Automation of liquid fuel rocket engines	1965
19660071088	Applicability of inertialess scanning techniques to the design of surveillance radar antennas Fifth quarterly report, 1 May - 31 Jul. 1965	1965
19660071089	Aerotriangulation with independent pairs of stereoscopic pictures - The method of the future /Ques/	1965
19660071091	Determination of mass absorption coefficients and fluorescent yields Final technical- status and scientific report, Aug. 1964 - Aug. 1965	1965
19660071092	The eigen capacity of piezoelectric transducers for electroacoustic purposes, on their sensitivity	1965
19660071093	Evaluation of the avionics system on the model C-141A airplane. Part 20.0 - Fairchild model 5424-201 flight recorder system Engineering flight test report	1965
19660071094	Evaluation of the avionics system on the model C-141A airplane. Part 2.0 - Dual C-12 compass installation and pilot's standby compass Engineering flight test report	1965
19660071095	Evaluation of the avionics system on the model C-141A airplane. Part 1.0 - Synopsis of C-141A avionics system evaluation Engineering flight test report	1965
19660071096	Evaluation of the avionics system on the model C-141A airplane. Part 10.0 - Dual TACAN SUBSYSTEM Engineering flight test	1965
19660071097	Evaluation of the avionics system on the model C-141A airplane. Part 17.0 - AN/ASN-24 navigational computer system Engineering flight test report	1965
19660071098	Trainer attachment visual simulator SMK-43/F37A-T Technical report, Jun. 1962 - Mar. 1965	1965
19660071099	Category II high temperature desert evaluation of the CH-3C helicopter Final report, Jul. - Aug. 1964	1965
19660071100	Investigation of large signal microwave effects in ferroelectric materials Fifth quarterly report, 1 Jul. - 30 Sep. 1964	1965
19660071102	Materials for separable ultra-high vacuum joints	1965
19660071103	Low-altitude long-range all-weather vehicle interference investigation. Part 1 - Laboratory investigation Final report	1965
19660071104	Feasibility study of a blast interaction facility	1965
19660071106	Graphical design of image-parameter bandpass filters	1965
19660071107	Fracture of Fe with stress waves	1965
19660071108	The feasibility of designing high voltage X-ray tubes as intense gamma and neutron sources Technical report, Jul. - Dec. 1964	1965
19660071109	Feasibility study of satellites for range instrumentation Final report, Jul. 1964 - Jun. 1965	1965
19660071111	The assessment of possible HF long range air to ground data communication systems for civil aviation	1965
19660071112	Lunar survey probe delivery vehicle study Condensed summary report	1965
19660071115	Investigation of hologram techniques First interim engineering report, 1 Jul. - 30 Nov. 1965	1965
19660071116	Engineering flight test evaluation of the avionics system on the model C-141 airplane - Part 16.0 An/AIC-13 public address system	1965
19660071118	Lunar survey probe delivery vehicle study, volume II Final report	1965
19660071120	Interference effects at sonic speeds for a biconvex aerofoil in a wind tunnel with slotted liners	1965
19660071121	Manned moon landing - But how /Ques/	1965
19660071122	The magnification of roughness drag by pressure gradients	1965
19660071123	The preparation and injection of Teflon/gas dispersions for shock tube investigations	1965
19660071124	Infrared radiation of solids - Titanium- boronitride	1965
19660071126	Manufacturing in-process control and measuring techniques for integral electronics /structural defects in single crystal semiconductors/ Final technical documentary report, 1 Apr. 1964 - 31 Mar. 1965	1965
19660071127	An associative store based on unitary pulse techniques	1965
19660071129	Analysis of signal generator requirements	1965
19660071131	Burnup rates of powders behind a normal shock wave	1965
19660071132	Oil drain interval for GM 6-71E diesel engines of Ottawa Transportation Commission buses, and evaluation of an oil analyzing instrument and 'blotter' test	1965
19660071133	Stress-strain concentration factors in plastic flow	1965
19660071134	Some useful probability distributions	1965
19660071135	A computer program for axially symmetric elasticity problems	1965
19660071136	Lunar survey probe delivery vehicle study, volume I, part 1 Final report	1965
19660071138	Laser instruments from Jena	1965
19660071141	On the performance of control systems with random parameters	1965
19660071144	Phosphimidazole polymers	1965
19660071145	Impurity effects in neutron-irradiated silicon and germanium	1965
19660071146	Inactive motion and pressure fluctuations in turbulent boundary layers	1965
19660071148	Radial and axial distribution of the electron density of a Theta-Pinch as a function of time	1965
19660071149	Production Engineering Measures /PEM/ for microelectronic circuitry and milliwatt logic semiconductor integrated circuits Quarterly progress report no. 4, 1 Apr. - 30 Jun. 1965	1965
19660071150	The present status of gyroscopic mine- surveying instruments. Modern aerial- photography instruments and their characteristics. Laser telemeter	1965
19660071151	Post-cold drinking phenomenon in rats Annual progress report, 1 Jan. - 31 Dec. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071152	Pitot pressure measurements in the wakes of unsupported models in a hypersonic gun tunnel	1965
19660071153	Photocurrents in semiconductors with barriers	1965
19660071154	Penetration of VLF propagating modes into an anisotropic stratified ionosphere and into the sea Technical report	1965
19660071155	Laser arrays	1965
19660071156	Lattice dynamics of imperfect crystals	1965
19660071157	An evaluation guide for Army aviation human factors engineering requirements	1965
19660071159	Effect of halogens on luminol chemiluminescence	1965
19660071160	Explosives and their effectiveness in forming metals by explosion	1965
19660071161	Extensions to inviscid flow field program to include automatic plotting and non-equilibrium chemistry	1965
19660071162	Intrusion detection device, AN/GSS-9 Letter report	1965
19660071164	An investigation into the relative spectral energy distribution of a Xenon flash tube as a function of energy input	1965
19660071165	Optical sensor and stacked array study	1965
19660071166	The protection of TZM molybdenum alloy by the W3 silicide-based coating at high temperatures	1965
19660071167	Instrumentation satellite feasibility study. Volume I - Principal elements Final report, Jun. 1964 - Jun. 1965	1965
19660071168	Influence of electrical properties of the ground on the backscatter coefficient at high frequency Technical report no. 121	1965
19660071169	Investigation of catalytic reactions for CO2 reduction. Part III - Evaluation of precious metal catalysts Interim report, May - Nov. 1964	1965
19660071170	Investigation of reliability of mechanical systems Final report, Jun. 28, 1964 - Oct. 31, 1965	1965
19660071171	High temperature resistant elastomer compounds Final report, Jan. - Dec. 1964	1965
19660071172	High temperature organic and semi-organic coatings, part II Second summary technical report, 1 May 1963 - 1 Oct. 1964	1965
19660071173	Aerodynamic coefficients of cones in hypersonic, low density flow	1965
19660071174	Simplified auxiliary equations for use with unipolar inertial navigation Final engineering report	1965
19660071175	On the stability of an inviscid, parallel, non-planar flow	1965
19660071176	Acoustic environment study for the Saturn IB LAUNCH vehicle	1965
19660071178	Electrostatic probes for the determination of gaseous conductor velocities Technical report, Jan. - Jun. 1965	1965
19660071179	Electronic solid-substance component parts. Diode noise	1965
19660071180	Electrical conductivity of shock-heated air and air plus Teflon mixtures	1965
19660071181	The thermal-mechanical behavior of strontium zirconate Final technical report, Oct. 14, 1964 - Oct. 14, 1965	1965
19660071182	Thermionic converter life and repeatability investigation Seventh quarterly progress report, 1 Oct. - 31 Dec. 1965	1965
19660071185	Development and evaluation of an improved inhibitive epoxy primer for aircraft	1965
19660071187	Development of an improved manufacturing process for the hot extrusion of alloy steel structural shapes Interim engineering progress report, 1 Sep. - Nov. 1965	1965
19660071189	Digital calculation of axisymmetric elastic-plastic ground motions from nuclear bursts Technical report, Feb. 1963 - Jan. 1965	1965
19660071190	The effect of electrical conduction in UO2 on its high-temperature thermal conductivity as determined by radial flow techniques	1965
19660071191	The effect of irradiation on the impact properties of some zirconium alloys	1965
19660071192	Optical spectroscopy and crystal growth of CeO2 and ThO2 Yearly technical summary report, period ending 31 Oct. 1965	1965
19660071193	Neurosciences Research Program Bulletin, volume 3, no. 5 - Specificity in the neurosciences	1965
19660071194	Neurosciences Research Program Bulletin, volume 3, no. 4 - The synapse - Morphological and chemical correlates of function	1965
19660071195	Electron density probe Second quarterly report, 28 Aug. - 28 Nov. 1965	1965
19660071196	Evaluation of wear and contamination generation of hydraulic components Final report, Jun. 1963 - Nov. 1964	1965
19660071197	Phonon-electron spin interactions in paramagnetic salts Semiannual status report, Jun. 15 - Dec. 15, 1965	1965
19660071198	A report of tests for determining the static aerodynamic characteristics of scaled Saturn V launch vehicles in the General Dynamics High Speed Wind Tunnel Final data report, vol. 1	1965
19660071199	The effects of electron radiation on transistors Semiannual report, 15 May - 15 Nov. 1965	1965
19660071200	Feasibility study - Minimum manned lifting body entry vehicle Summary report	1965
19660071201	Feasibility study - Minimum manned lifting body entry vehicle. Volume I - Design analysis Final report	1965
19660071203	Feasibility study - Minimum manned lifting body entry vehicle. Volume III - Program Final report	1965
19660071205	Post-fire materials analysis of solid rocket nozzles Final report, 29 Jun. - 28 Sep. 1965	1965
19660071208	Lunar survey probe delivery vehicle study Final report, vol. I	1965
19660071210	Engine removal platform and engine removal equipment, Saturn IB vehicles, complex 34	1965
19660071211	Apollo/Saturn V SA-500F test requirements	1965
19660071212	Apollo navigation ground and onboard capabilities	1965
19660071213	Large booster nozzle reuse study First monthly progress report, 23 Sep. - 23 Oct. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071215	Application of the Mossbauer effect to transducers Quarterly progress report period ending 31 Oct. 1965	1965
19660071218	Explosive sources for magnetohydrodynamic energy conversion /U/ Final report, Jun. 1963 - Oct. 1964	1965
19660071227	Techniques to attain high average RF power /U/ Interim technical documentary report no. 7, 1 Jun. - 31 Aug. 1965	1965
19660071228	Research in Reentry Physics: Semiannual Technical Summary Progress Report	1965
19660071231	Reentry radiation from LORV 1 and LORV 3 /U/ Final scientific report, 1 Jan. 1963 - 31 Mar. 1965	1965
19660071236	Collective protection against CB agents, volume 2 /U/ Fifth bimonthly progress report, 1 Mar. - 30 Apr. 1965	1965
19660071238	Investigation of the erosive burning of solid rocket propellants /U/ Semiannual report, 25 Apr. - 25 Sep. 1965	1965
19660071239	Advanced oxidizer research /U/ Quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660071240	Storable toroidal combustor demonstration program /U/ Quarterly progress report, 1 Sep. - 30 Nov. 1965	1965
19660071241	Quarterly progress report, July 1 - September 30, 1965 /U/	1965
19660071242	Gas chromatographic analysis of hydrazine, monomethylhydrazine and water in mixed hydrazine fuels /U/	1965
19660071243	Research on high energy rocket oxidizers /U/ Final report, 15 Jun. 1964 - 14 Jun. 1965	1965
19660071244	Evaluation of high-energy materials as liquid propellants /U/ Quarterly progress report no. 9, 1 Jul. - 30 Sep. 1965	1965
19660071246	Synthesis of high energy solid oxidizer binder propellants /U/ Quarterly progress report no. 11, Jul. - Sep. 1965	1965
19660071247	Solid propellant structural integrity investigations - Dynamic response and failure mechanisms /U/ Final technical documentary report	1965
19660071248	Engineering investigation and tests which furthe substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. Part II - Technical information. Volume 6 - Secondary power and air conditioning - Flyaway. Supplement I - Test results - 50 - hour endurance test /U/ Technical report, 1 Oct. 1963 - 31 Dec. 1964	1965
19660071249	Maneuvering satellite propulsion system demonstration /U/ Final report, part III, MAY 1964 - Jul. 1965	1965
19660071252	A computerized stochastic mathematical model of MBD-1 B-47 anti-personnel grenade dispenser lethality /U/ Final report	1965
19660071253	A study of the explosion limits of simple difluoramino compounds /U/ Quarterly technical summary report no. 10, 1 Jul. - 30 Sep. 1965	1965
19660071254	Exploding bridgewire initiation of cast explosives /U/ Final report, 16 Mar. 1964 - 16 Mar. 1965	1965
19660071259	Solid propellant research and development theoretical performance calculations /U/ Final report, May 1964 - Sep. 1965	1965
19660071260	Propulsion Development Department Review. Chapter 2 - Propellants, materials, and ignition, September 1965 - November 1965 /U/ Quarterly progress report, sep. - nov. 1965	1965
19660071261	Propulsion Development Department Review. Chapter 2 - Propellants, materials, and ignition, September 1965 - November 1965 /U/ Quarterly progress report, Sep. - Nov. 1965	1965
19660071262	Feasibility demonstration of advanced attitude control systems /U/ Quarterly progress report, 19 Jul. - 31 Oct. 1965	1965
19660071266	Aircraft armor materials /U/ Six month technical summary report, 1 Jan. - 30 Jun. 1965	1965
19660071267	Fundamental research on the direct fluorination of organic compounds /U/ Quarterly progress report, Sep. - Nov. 1965	1965
19660071268	High-pressure research toward high-energy propellants /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1965	1965
19660071269	Propulsion optimization study /U/ Second quarterly report, 30 Sep. - 30 Dec. 1965	1965
19660071271	Hypervelocity weapons feasibility study /U/ Final report, Apr. 1963 - Dec. 1964	1965
19660071272	Propulsion Development Department Review. Chapter 1 - Propulsion techniques, systems, and analysis, September 1965 - November 1965 /U/ Quarterly progress report, Sep. - Nov. 1965	1965
19660071273	Research and development of a high energy non-aqueous battery /U/ Final report	1965
19660071276	Evaluation of PBEP, a high-energy binder /U/ Second quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660071277	Advanced thrust chamber assembly program /U/ Third quarterly progress report, 1 Sep. - 30 Nov. 1965	1965
19660071279	A survey of RF protective devices for electroexplosive initiators Final report	1965
19660071282	Combustion termination system for 120-inch- diameter solid rocket motor /Titan III-C/ PROGRAM progress report, 1 Jul. - 1 Oct. 1965	1965
19660071284	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XXV - Support equipment requirements Final report	1965
19660071285	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XII - Laboratory experimental payload performance and interface specification, Phase I Final report	1965
19660071286	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XIII - Laboratory experimental payload performance and interface specification, Phase II FINAL report	1965
19660071287	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XIV - Shelter experimental payload performance and interface specifications Final report	1965
19660071288	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XVIII - AES MODIFICATIONS to LEM quality control program plan Final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071289	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XX - Support equipment specification Final report	1965
19660071290	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XXI - Facilities plan Final report	1965
19660071291	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XXII - Support plan Final report	1965
19660071292	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XXIII - Transportation plan Final report	1965
19660071293	Apollo Extension Systems - Lunar Excursion Module, Phase B. Volume XXIV - training equipment requirements Final report	1965
19660071295	Imperial-Eastman Corporation hydraulic flex hose assemblies, catalog number D704 Test report	1965
19660071297	Effects of reproducible magnetic fields on the growth of cells in culture Second quarterly report, Aug. 1 - Oct. 31, 1965	1965
19660071298	Short-term perturbations of solar activity and possible causes of the ambiguity of their relation to the fluctuations of the hydrometeorological elements	1965
19660071299	Development of ultrasonic NDT inspection techniques for large solid-propellant rocket motors Quarterly progress report, 19 Jul. - 31 Oct. 1965	1965
19660071302	Development of a shaftless submersible motor	1965
19660071305	A note on the telemetry systems type 465, type 450, and type 6	1965
19660071307	The number of propagation modes in a large waveguide	1965
19660071308	A new geodetic-astronomical universal theodolite from Jena	1965
19660071309	On the magnetohydrodynamic description of plasma waves of small amplitude	1965
19660071310	Solid state analog computer Final report, Apr. 1964 - Mar. 1965	1965
19660071311	The force on a dislocation	1965
19660071313	Computation of the inner partial functions of molecule ions NO& N2& and CO&	1965
19660071315	True temperature coefficients of the electric tension of individual electrodes Final technical report, 1 Oct. 1964 - 30 Sep. 1965	1965
19660071316	NASA-GSFC operations plan 14-65 - French spacecraft FR-1	1965
19660071320	Engineering flight test evaluation of the avionics system on the model C-141A airplane - Part 19.0 - APN-157 Loran-C system	1965
19660071323	Experimental investigation of the static stability characteristics of a family of cone-cylinder configurations at Mach numbers from 0.7 to 2.0	1965
19660071325	Investigation in Chemical Rocket Propulsion Semiannual Report, Jan. 1 - Jun. 30, 1965	1965
19660071327	Design, development and fabrication for a digital measurement and recording system, model 577T1 Progress report no. 6, 1 Sep. - 28 Nov. 1965	1965
19660071328	Apollo Logistics Support System /ALSS/ PAYLOADS, volume 2 Final presentation report	1965
19660071330	Negative V on a general magnetic axis	1965
19660071331	Research and development of high current and high voltage silicon controlled rectifiers - Device D Final report, 12 Jun. 1964 - 13 Oct. 1965	1965
19660071334	A method of copper plating glass and plastic /styrene-type/ microspheres Technical memorandum, May - Aug. 1965	1965
19660071335	Minutes of the 18th meeting of the Interagency Chemical Rocket Propulsion Group, Working Group on Liquid Propellant Test Methods	1965
19660071336	Rayleigh and Brillouin scattering in liquids - The Landau-Placzek ratio	1965
19660071341	Dynamic aerothermoelastic instabilities of inflatable vehicles at hypersonic speeds /U/ Final report, Mar. 1964 - Aug. 1965	1965
19660071347	Launch flexibility study. Summary of study conclusions /U/ Final report	1965
19660071350	Fragmentation of steel /U/	1965
19660071352	Synthesis of LMH-2 /U/ Final technical report, 15 Jan. 1964 - 15 Oct. 1965	1965
19660071354	NASA Mission Gemini/titan, GT-3 (U) Flight Evaluation Report	1965
19660071355	Direct contact detonation explosives sensitivity tests /U/ Final report, 27 Jan. 1964 - 28 Jun. 1965	1965
19660071358	Geology and soils, Merritt Island Launch Area and John F. Kennedy Space Center Interim report	1965
19660071359	Semiconductor lasers. Electric parameters of type TND 100, TND 101 and 111 tandels and their long term stability. Internal resistance of capacitors and discharge tubes for quantum light generators	1965
19660071360	Semiconductor lasers	1965
19660071361	Electric parameters of type TND 100, TND 101 and 111 tandels and their long term stability	1965
19660071362	Internal resistance of capacitors and discharge tubes for quantum light generators	1965
19660071363	Maintenance-free silver-cadmium batteries for aircraft emergency applications Quarterly technical progress report, Sep. 1 - Nov. 30, 1965	1965
19660071364	NOL ballistics range program on ABRES RESEARCH Final technical report, Oct. 1964 - Oct. 1965	1965
19660071365	Diffraction of electromagnetic waves on plasmacylinders	1965
19660071366	The mechanism of dimensional changes in the crystals of graphites and carbons under fast neutron irradiation	1965
19660071368	Measurements of electron temperature in an argon-potassium-plasma	1965
19660071369	A variable beamwidth monopulse for millimetric waves Technical report, Feb. - Sep. 1965	1965
19660071370	Study - Far infrared generator Final report, Nov. 1, 1964 - Dec. 1, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071371	Development of a temperature compensated LC OSCILLATOR using insulated gate field effect transistors Preliminary report	1965
19660071373	Population densities of the discrete energy levels in a stationary nonthermal hydrogen arc	1965
19660071375	Studies of the effect of laser radiation on chemical activation and vapor fog nucleation Quarterly progress report no. 4, Apr. - Jun. 1965	1965
19660071376	Structural flight loads data from C-130E AIRCRAFT. Supplement I - Turbulence probability for MATS routes Technical report, Nov. 1963 - Apr. 1965	1965
19660071377	A theoretical analysis of hydrostatic gas journal bearings	1965
19660071378	Missile guidance array antenna /U/ Summary report, 16 Sep. 1964 - 15 Sep. 1965	1965
19660071379	Aerodynamic throat - Project VANGI /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660071382	Large-centerbody high-area ratio annular nozzle of minimum length /U/ Final report, 6 Jan. 1964 - 1 Feb. 1965	1965
19660071383	Exploratory development program for a lightweight solid rocket pulse motor /U/ Written progress report no. 2, 1 Aug. - 31 Oct. 1965	1965
19660071384	Radially distributed annular combustor for packaged liquid rocket engines /RADARC state of the art program/ /U/ Final report, 1 Jun. 1964 - 30 Sep. 1965	1965
19660071385	Integrated components program. Volume I - Program description and engine systems development /U/ Final report, 16 Mar. 1963 - 6 May 1965	1965
19660071386	Advanced oxidizers for prepackaged liquid engines /U/ Final summary report, 1 Jun. 1964 - 31 Jul. 1965	1965
19660071387	High chamber pressure rocketry program, book 2 /U/ Final report	1965
19660071388	Optical electronics for military aerospace applications /U/ Quarterly program progress report no. 4 /final/, 24 Mar. - 23 Jun. 1965	1965
19660071394	Spectrum compression experimental program /U/	1965
19660071395	Development of a variable total impulse capability in the XLR-1 liquid rocket engine for range-zoning a rocket assisted projectile /U/	1965
19660071397	Experimental investigation of prepackaged hybrid propulsion systems /U/ Quarterly progress report no. 2, 1 Jul. - 31 Sep. 1965	1965
19660071398	Development of high-energy metallized propellants /U/ Second quarterly progress report, 1 Aug. - 31 Oct. 1965	1965
19660071400	Thermodynamic factors affecting the performance of supersonic combustors /U/	1965
19660071403	Supporting Research Projects, Part I - OART PROGRAM /U/ Semiannual Progress Report, Jan. 1 - Jul. 1, 1965	1965
19660071407	Detonation products of oxygen deficient explosives /U/	1965
19660071409	Development of a light metal hydride hybrid system /U/ Final report, 16 Nov. 1964 - 16 Aug. 1965	1965
19660071411	A broad band crossed-field noise generator /U/ Second quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660071412	Soviet research on bonded solid film lubricants /U/	1965
19660071413	Development of a modified beryllizine formulation /U/ Summary report	1965
19660071415	Synthesis of new fluorine compounds /U/ Quarterly technical summary, Oct. 1 - Dec. 31, 1965	1965
19660071418	Demonstration of an advanced solid propellant /U/ Quarterly progress report, 15 Apr. - 31 Jul. 1965	1965
19660071419	An investigation of heat transfer on the Asset vehicle at a Mach number of 10 and angle of attack /U/ Final report, Nov. 1961 - Apr. 1965	1965
19660071420	Test series report on Naval Ordnance Test Station beryllium composite propellants /U/ Final report	1965
19660071422	Aerodynamic and stability characteristics of hypervelocity lifting configurations from Mach numbers 14 to 36 /U/ Final report, Jun. 1963 - Nov. 1964	1965
19660071424	Guidance System Error Study. Appendix C (U) Final Report	1965
19660071425	Modification and testing of an Atlas oxidizer boiloff valve for a FLOX Atlas vehicle (U) First monthly progress report, 22 Feb. - 1 Apr. 1965	1965
19660071429	Multipurpose Mission Module (U) Final Oral Presentation	1965
19660071432	Development of an Array of Gallium Arsenide Injection Lasers, Part II (U) Summary Report, Jun. 2, 1964 - Jun. 2, 1965	1965
19660071437	Reusable Orbital Transport. Baseline Airbreathing Vehicle (U)	1965
19660071439	Extended Apollo systems utilization study, Addendum 1. Volume 2 - Experiment analysis and requirements. Appendix C - Mission scheduling computer printout for NASA FLIGHTS Final report	1965
19660071440	Observations on newborn rat dorsal root ganglia in vitro following gamma irradiation Technical report, 31 Mar. 1964 - 31 Mar. 1965	1965
19660071442	Processing of metals with the application of explosives	1965
19660071446	Kinetic equations for systems of charged particles and photons	1965
19660071447	Equilibrium conditions and beam focusing effects in a beam-generated plasma	1965
19660071448	Coherent optical array techniques First interim technical report, May 3 - Aug. 2, 1965	1965
19660071450	Electron sensitive recording media for real-time viewing Interim engineering progress report no. 3, Jul. 1 - Dec. 31, 1965	1965
19660071452	Phoebus-2 Monthly progress report, Oct. 1 - 31, 1965	1965
19660071455	Radant analysis studies Interim report no. 2, Jul. 31 - Oct. 31, 1965	1965
19660071457	Independence of serum and parotid fluid inorganic phosphate levels during hemodialysis on the artificial kidney	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071458	Propulsion Evaluation Reusable Orbital Transport (U)	1965
19660071479	Atlas/Centaur launch vehicle study - Investigation of flight load prediction techniques	1965
19660071480	A Feasibility Study of Incorporating Closed- Loop Steering into the Advanced Atlas/ Centaur Vehicle	1965
19660071482	Atlas/Centaur launch-on-time study /Surveyor mission/ Bimonthly report	1965
19660071483	Final guidance equations and performance analysis for Centaur AC-5	1965
19660071485	Self-lubricating bearing materials	1965
19660071486	Three-dimensional normal modes of a Vlasov plasma with and without magnetic field	1965
19660071488	Modification of a "grille" spectrometer	1965
19660071490	Reusable orbital transport - System design and analysis study supporting report R.O.T. 11-5, Ground complex,VTO	1965
19660071492	COACR Symposium on Atmospheric Chemistry, Circulation and Aerosols held at Visby, Sweden, August 18 - 25, 1965	1965
19660071494	Description, proof test, and evaluation of blast load generator facility Final report, Aug. - Dec. 1964	1965
19660071497	Effects of PAMCL and TMB-4 on neuromuscular transmission. II - Effects on isolated rat phrenic-nerve diaphragm-muscle preparation Technical report, Jan. 1961 - Apr. 1962	1965
19660071498	Reusable orbital transport - Lockheed parallel development program supporting report R.O.T. IV-3. Thermal cycling tests, fuselage-tank	1965
19660071502	Reusable orbital transport - System design and analysis study supporting report no. R.O.T. II-4. Structural materials evaluation	1965
19660071503	Electron impact ionization of CO and CO plus in a mass spectrometer	1965
19660071504	Errors in the measurement of surface temperature caused by perturbations of the heat flux	1965
19660071505	Ultraviolet spectroscopy of stabilizers against the effects of light of the benzophenone type	1965
19660071506	A study of the effects of launch inclination angle on the payload capabilities of a reusable orbital transport Final report	1965
19660071507	Symposium on Structural Adhesives, Stevens Institute of Technology, Hoboken, U.S.A., 14-16 September 1965	1965
19660071508	X-band tunnel diodes for phased array radar Quarterly progress report, Sep. 14 - Dec. 14, 1965	1965
19660071509	Turbine drives for VTOL turbofans - Further investigations with a tip turbine drive	1965
19660071510	An instrument for rapid measurement of the frequency and amplitude of pulsed signals in noise	1965
19660071512	Opacity of low temperature air Technical report, 1 Jul. 1964 - 1 Jul. 1965	1965
19660071513	A thermal imaging technique of nondestructive testing	1965
19660071514	Theoretical prediction of the comparative thermal fatigue behaviour of Nimonic 90 and Nimonic 105	1965
19660071517	A two-chamber ionization gauge	1965
19660071524	Pure fluid missile guidance system /U/ Quarterly report 20 Jul. - 20 Oct. 1965	1965
19660071525	Evaluation of F/TF-102A high altitude snap-up training procedures /U/ Final report	1965
19660071526	Thermal analysis of Titan III/Agena equipment compartment /2A/ /U/	1965
19660071537	[No Title]	1965
19660071538	Research and development program of thermionic conversion of heat to electricity Third quarterly technical summary report, Jan. 1 - Mar. 31, 1965	1965
19660071539	Structural design aspects of the first-stage reusable orbital transport	1965
19660071540	Specifications for research chamber	1965
19660071541	Thermodynamics of the ion exchange reaction between staphylococcal enterotoxin and cationic exchange resins	1965
19660071542	Topics in statistical quantization	1965
19660071543	The use of a Pollak counter for in-situ filter testing	1965
19660071545	Low-temperature refractory metal-to-ceramic seals Seventh quarterly progress report, 15 Jul. - 14 Oct. 1965	1965
19660071548	The surface of the heat exchanger and its influence on the efficiency of the gas turbine power plant	1965
19660071551	Structural optimization of axially compressed cylinders stiffened with corrugations and rings, including the effects of corrugation/ ring eccentricity	1965
19660071552	Determination of irradiation dose and temperature in graphite irradiation experiments performed in the Dounreay Fast Reactor	1965
19660071554	The effect of variations in composition and heat treatment on the properties of zirconium-niobium alloys	1965
19660071556	Determination of the Burgers vector of dislocations in deformed uranium carbide	1965
19660071557	A review of stall warning devices	1965
19660071559	Friction and wear at elevated temperatures, part VI Technical documentary report, Jan. - Dec. 1964	1965
19660071560	FORTTRAN IV /IBM 7090/ program for the design of contoured axisymmetric nozzles for high temperature air Final report	1965
19660071562	Studies of infrared radiative transfer in hot gases. III - Nonisothermal radiance measurements in the 2.7- μ H ₂ O BANDS	1965
19660071565	Research on control of forced vibration in machine tool/metal cutting systems Interim engineering progress report, 1 Jun. - 1 Sep. 1965	1965
19660071566	Gemini - Data, communications and tracking systems, characteristics and ground facility interface requirements	1965
19660071567	Qualification test report for launcher, rocket, aircraft - 2.75 inch, XM158, 15 July - 31 August 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071570	Center for High Energy Rate Forming Processes Quarterly report of technical progress	1965
19660071571	Speech recognition by feature-abstraction techniques Technical report, Jul. 1964 - Sep. 1965	1965
19660071573	The excitation of magnetoacoustic waves at microwave frequencies Scientific report no. 1, 1 Nov. 1964 - 31 Oct. 1965	1965
19660071575	Microwave ferrite devices /octave bandwidth Y-junction circulators/ Final report, 15 Apr. 1962 - 15 May 1965	1965
19660071576	Techniques for measuring the quality of high temperature potassium vapor Third quarter progress report, Sep. - Nov. 1965	1965
19660071577	Principles governing the behavior of solid materials in severe high temperature environments Quarterly progress report, Oct. 1 - Dec. 31, 1965	1965
19660071578	Tolerance to abrupt deceleration - Facilities and research at AFFTC, Edwards Air Force Base, 1947 - 1952 Interim technical report	1965
19660071580	Pharmacologic side effects of tranquilizers and antidepressants Aeromedical review 7-65	1965
19660071581	Parametric study of heat rejection concepts Final report	1965
19660071582	Chemical and microbiological analyses of five chimpanzee diets Final report, Jun. 1963 - May 1965	1965
19660071584	Viscoelasticity of amorphous solids and polymers	1965
19660071585	Large segmented, fiberglass reinforced, plastic rocket motor cases Interim engineering progress report, 1 Aug. - 31 Oct. 1965	1965
19660071586	User's manual for computer program - Parametric study of heat rejection concepts	1965
19660071591	The ignition of composite propellant fuels by perchloric acid vapour	1965
19660071592	Second order theory for airfoils in shear flow	1965
19660071593	Physics of the D region at high latitudes Semiannual technical report, 1 Dec. 1964 - 31 May 1965	1965
19660071594	Screening and evaluation of low-temperature, fuel-resistant elastomers Interim report, 1 Jun. - 30 Nov. 1965	1965
19660071596	Accelerated testing of high reliability parts Final report	1965
19660071597	Manufacturing processes and techniques applicable to fabrication of random-access large bit capacity static mass memories Interim engineering progress report, 15 Aug. - 15 Nov. 1965	1965
19660071598	Experiments on the fatigue failure of a redundant structure	1965
19660071599	Approximate thermodynamic functions for the CN plus /g/ and CN minus /g/ ions	1965
19660071600	Solution of multiple-arc problems by the steepest-descent method	1965
19660071602	Computer programs for the optimization of integrated indirect hydrocarbon fuel cell systems Special report no. 5	1965
19660071603	Advancement of protective coating systems for columbium and tantalum alloys Final report, 1 Apr. 1964 - 1 Apr. 1965	1965
19660071604	Precision distance measurements with an electronic tellurometer	1965
19660071606	Plasma noise measurements at 35 KMC/sec	1965
19660071608	Hydrogen permeation through group Vb metals, volume I Final and summary report, 1 Jul. 1964 - 31 Oct. 1965	1965
19660071610	A specific fluorometric method for the detection of cyanide	1965
19660071611	Intrinsic reliability subminiature ceramic capacitors Fourteenth quarterly report, 1 Sep. - 30 Nov. 1965	1965
19660071612	Research studies of high-density plasmas Third quarterly progress report, 15 Mar. - 15 Jun. 1965	1965
19660071613	Novel microwave filter design techniques Second quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660071614	Theory of a linear semiconductor thermometer	1965
19660071616	Partitions of multipartites and colored graphs with a large number of nodes Final technical report, 1 Mar. 1964 - 28 Feb. 1965	1965
19660071626	ADTECH program /Advanced Decoy Technology program/. Volume III - Appendixes /U/ Final report	1965
19660071637	Wind tunnel investigation of a 1/6-scale F-111A inlet with and without reconnaissance pods from Mach 1.75 to 2.5 /U/	1965
19660071638	Reusable orbital transport - Lockheed parallel development program, supporting report no. R.O.T. IV-2 Experimental heat transfer distributions	1965
19660071640	Saturn V Quarterly progress report, Apr. 1 - Jun. 30, 1965	1965
19660071641	Saturn V Quarterly progress report, Jul. 1 - Sep. 30, 1965	1965
19660071643	Some additional notes on the supply of engineers	1965
19660071646	Theoretical and experimental research in geophysics and astrophysics Semiannual report, Jul. 1 - Dec. 31, 1965	1965
19660071647	Technical plan for a National Geodetic Satellite Program	1965
19660071648	A feasibility and test program for demonstration of integral mandrels for large solid-propellant motors. Phase IV report - Intermediate scale motor tests	1965
19660071649	Feasibility and test program for demonstration of integral mandrels for large solid propellant motors Final report	1965
19660071650	Conceptual study - Ground complex, reusable orbital transport, supporting report no. R.O.T. II-5	1965
19660071651	Research on optical instrumentation suitable for incorporation in an orbiting astronomical observatory Interim progress report, Sep. 1 - Nov. 30, 1965	1965
19660071652	Reusable orbital transport - System design and analysis study, supporting report no. R.O.T. II-4. Subsystem analysis	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071653	Reusable orbital transport - Vehicle configuration study, supporting report R.O.T. I-5. Vertical takeoff vs. horizontal takeoff	1965
19660071654	Graphs of ascent and descent abort flight corridors for orbital transport vehicles, addendum	1965
19660071655	Reusable Orbital Transport - Lockheed Parallel Development Program, Supporting Report R.O.T. IV-5. Man in the Control Loop	1965
19660071660	Development of a 1,500,000-lb-Thrust (Nominal Vacuum) Liquid Hydrogen/Liquid Oxygen Engine	1965
19660071670	Charged particle accelerometer /U/ Second quarterly report, 21 Aug. - 20 Nov. 1965	1965
19660071674	Modulation of compact arc lamps /U/ Final engineering report	1965
19660071678	Development of X-ray diffraction techniques Final report	1965
19660071680	The discrimination of form in the visual periphery	1965
19660071681	Equations for calculating radiation from combined turbulence and turbulence excited structural vibration	1965
19660071682	Page printer utilizing advanced printing techniques Fifth quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660071684	A method of calculating the generalised performance index of linear systems	1965
19660071688	Manganin-wire shock-transducer investigation Final report, Nov. 1964 - Aug. 1965	1965
19660071689	Explosive magnetohydrodynamics	1965
19660071690	Metal organic compounds for vapor-plating application	1965
19660071693	Second International Congress for Research in Burns, Edinburgh, Scotland, 20-24 September 1965	1965
19660071694	An internal electromagnetic pulse experiment Final report	1965
19660071695	The influence of atmospheric ducting on electromagnetic propagation Final report	1965
19660071696	Improved techniques for determining foam compatibility and particle size distribution in multipurpose phosphate dry chemical fire extinguishing agent	1965
19660071697	Fabrication of beryllium sheet by gas-pressure bonding	1965
19660071699	Mission support studies Fifteenth monthly progress report, Mar. 1965	1965
19660071700	On the conditional expected value of contributions from a renewal process	1965
19660071705	Evaluating the reliability of an accelerated test for qualifying ozone-protective waxes Quarterly progress report, Aug. 15 - Nov. 15, 1965	1965
19660071706	Development study of high energy coaxial laser pumps Final technical report, Apr. 1, 1964 - Apr. 1, 1965	1965
19660071707	Research on long life cathodes for small microwave tubes Progress report, 23 Jul. - 23 Oct. 1965	1965
19660071708	Infrared reflection studies of single crystal lithium hydride and on its isotopic derivative	1965
19660071709	Research and development on the effect and control of chatter vibrations in machine tool processes Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660071711	Theory of pulse stimulated radiation from a plasma caused by the relativistic mass effect	1965
19660071712	Study of nonradiative processes in laser materials Progress report no. 3, 1 Jul. - 31 Dec. 1965	1965
19660071713	Experiences with a boat made from glass-fiber reinforced polyester resin - During construction and after four years of operation	1965
19660071714	The effect of various muscle lengths at rest on the rate of increase in muscle strength through isometric training	1965
19660071716	Thin film inductances	1965
19660071718	Some effects of 400 MeV protons on primates. The radiations of space, IV Technical report, Mar. - Jul. 1965	1965
19660071721	A study of reduction of stress corrosion cracking of steel by sacrificial coatings	1965
19660071722	Content-addressable memory techniques Second quarterly engineering progress report, 1 Aug. - 31 Oct. 1965	1965
19660071723	Investigation of large signal microwave effects in ferroelectric materials Sixth quarterly report, 1 Feb. - 30 Apr. 1965	1965
19660071725	Development of a log-periodic VHF/ECM ANTENNA Final report, 29 Jun. 1964 - 1 Oct. 1965	1965
19660071727	Improved insulators for rocket motors Quarterly progress report, 1 Sep. - 30 Nov. 1965	1965
19660071728	Tropical service life of electronic parts and materials First quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660071729	Automatic data rate changer for radio adaptive communications Quarterly report, 1 Jul. - 1 Oct. 1965	1965
19660071730	Recent developments in welding thick titanium plate	1965
19660071734	A study of triplet-triplet transfer by the method of magnetophotoselection - Concentration depolarization	1965
19660071737	Transmission of intense laser radiation Annual summary report, 17 Nov. 1964 - 30 Nov. 1965	1965
19660071738	Summary of the Ninth Refractory Composites Working Group Meeting	1965
19660071739	Refractory alloy coatings evaluation programs at the University of Dayton Research Institute	1965
19660071740	Preliminary results of a study of twelve oxidation-resistant coatings for Cb-10Ti-5Zr columbium-alloy sheet	1965
19660071741	The optical hot stage microscope and its use directly observing the progress of chemical diffusion	1965
19660071742	Research in protective coatings for refractory metals	1965
19660071743	Experimental study of factors controlling the effectiveness of high temperature protective coatings for tungsten	1965
19660071744	Preparation of continuously graded intermetallic compound-refractory oxide coatings by electrophoretic deposition	1965
19660071745	Electrophoretic coatings for refractory metals structural fasteners	1965
19660071746	Development of oxidation resistant coatings for refractory metals	1965
19660071747	Current advances in protective coatings for refractory metals at TRW	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071748	An evaluation of deposition characteristics of various halide compounds for use in the pack cementation process	1965
19660071749	Coatings for refractory metals in aerospace environments	1965
19660071750	Diffusion bonding of columbium honeycomb sandwich	1965
19660071751	Environmental testing of coated columbium alloy gas turbine blades	1965
19660071752	Intermetallic materials systems	1965
19660071753	Preliminary studies on infiltrated porous tungsten	1965
19660071754	Refractory composites studies at the Materials Sciences Laboratory of the Aerospace Corporation	1965
19660071755	Prestressing ceramics and composites for increased thermal shock resistance in rocket nozzle inserts	1965
19660071756	Summary of activities in the area of refractory composites	1965
19660071757	Development of inorganic refractory composites	1965
19660071758	Activities of the Carborundum Company in the field of refractory composite systems	1965
19660071759	Thermo-structural composite programs at General Dynamics/Fort Worth	1965
19660071760	Carbide composites	1965
19660071761	Simulation of aerodynamics testing of refractory composites	1965
19660071762	Research on whisker-reinforced composites	1965
19660071763	Performance of materials in regions of particle impact /11 x 14 rocket motor test program/ Final report	1965
19660071764	Self-cooled rocket nozzle composites	1965
19660071765	Plasma jet operations	1965
19660071766	A thermal shock test for the evaluation of zirconia and thoria structures	1965
19660071767	Metal fiber-ceramics composites	1965
19660071768	A brief description of beryllide and TD- NICKEL work at General Electric Company	1965
19660071769	A review of some chromium-alumina refractory composites	1965
19660071770	Research on refractory composites conducted during 1964 at the Martin Company, Baltimore Division	1965
19660071771	Narmco's activities in refractory composite materials	1965
19660071772	Felted ceramics and pre-stressed slip-cast fused silica	1965
19660071773	New techniques for studying oxidation of molten alloy particles	1965
19660071774	High temperature electrical conductors	1965
19660071775	Studies of refractory composite materials at American-Standard Corporation	1965
19660071776	Oxidation, vaporization, and insulation at high temperatures	1965
19660071778	Four short review sections from two current major programs at IITRI	1965
19660071779	High temperature inorganic composite materials	1965
19660071780	The protection of graphite from oxygen corrosion at high temperatures	1965
19660071781	Metallic coating systems for the oxidation protection of tantalum above 3500 deg F	1965
19660071782	The shear spin test for evaluation of ablative composites	1965
19660071783	Activity report on high temperature materials and coating work at AMF	1965
19660071785	X-20 nose cap materials Summary report	1965
19660071786	Recent refractory metal coating studies at McDonnell Aircraft	1965
19660071787	Summary of thermochemical deposition studies at Oak Ridge National Laboratory	1965
19660071788	Fine-particle metal dispersions in UC	1965
19660071789	Refractory composite research and developments at the Boeing Company	1965
19660071790	Versatility of composite materials	1965
19660071791	Activities at Bell Aerosystems Company with refractory materials, January through July 1964	1965
19660071792	Underwater sound radiation from a finite cylinder - General analysis	1965
19660071795	Liquid-film cooling, its physical nature and theoretical analysis	1965
19660071798	Block oriented random access memory Second quarterly report, 1 Aug. - 31 Oct. 1965	1965
19660071799	Low weight focusing schemes for TWT Second quarterly progress report, 3 Aug. - 3 Nov. 1965	1965
19660071801	The effect of thymidine pool size on the incorporation of thymidine into DNA after irradiation	1965
19660071803	Laser host materials First interim technical report, 24 Sep. 1964 - 15 Mar. 1965	1965
19660071806	A laboratory evaluation of the Donner, Kearfott, and Bell accelerometer performance characteristics	1965
19660071810	Monitoring of environmental dispersion of beryllium from disposal of a solid propellant by trench burning at Dugway Proving Ground, Utah Final report, 28 Jun. - 18 Jul. 1965	1965
19660071813	100 watt thermoelectric generator Final report, Jul. 1, 1964 - Jun. 30, 1965	1965
19660071815	Time-base expansion as applied to vectorcardiography	1965
19660071816	Study of the depth of the anterior chamber. Physiologic variations with particular emphasis on ametropia	1965
19660071817	Sodium transport in isolated ileum from cobalt-60 irradiated rabbits Technical report, May - Sep. 1964	1965
19660071818	High-voltage power supply Final technical report	1965
19660071819	Constant oblique field electrostatic generator Quarterly report no. 1	1965
19660071820	An evaluation of reserpine therapy in experimental cerebral edema	1965
19660071822	Using a Nike-Ajax mount for optical tracker applications	1965
19660071823	Non-stoichiometry of ZrN and HfN	1965
19660071824	Centrifuge linearity verification of analog and digital accelerometers	1965
19660071825	Space communications Quarterly technical summary, 1 Sep. - 30 Nov. 1965	1965
19660071827	Proposed dual beam phase experiment on wind tunnel turbulence	1965
19660071828	Rodat - A program for rough damage assessment. Volume I - Damage model no 1	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071829	Type I and type II high voltage multipliers Final technical report, 26 Aug. 1964 - 30 Jun. 1965	1965
19660071830	Astro-geodetic deflections in southwest Ohio, supplement no. 1 Third interim report /final/, Mar. 1964 - Jul. 1965	1965
19660071831	Evaluation of elastomers for Army applications during FY65	1965
19660071832	Hydrodynamic compressive forging Interim engineering progress report, 21 Sep. - 21 Dec. 1965	1965
19660071834	Elasticity theory for anisotropic media Final report	1965
19660071835	Rodat - A program for rough damage assessment. Volume III - Damage model no. 3	1965
19660071836	Rodat - A program for rough damage assessment. Volume II - Damage model no. 2	1965
19660071837	Thin film image converter Eighth interim technical progress report, 24 Feb. - 23 Aug. 1965	1965
19660071841	Demonstration test of payload erectability Lunar Survey Probe survivable capsule study, phase D Final report	1965
19660071842	Lunar Survey Probe survivable capsule study, program planning data	1965
19660071843	Lunar Survey Probe survivable capsule study Condensed summary report	1965
19660071845	Lunar Survey Probe survivable capsule study, phase A Final report	1965
19660071846	Study of the adaptation of Surveyor as a Lunar Survey Probe delivery system	1965
19660071847	Study of a survivable capsule for the Lunar Survey Probe Final report	1965
19660071848	Study of a survivable capsule for the Lunar Survey Probe. Program plan flight hardware development	1965
19660071850	Demonstration test of vidicon survivability Lunar Survey Probe survivable capsule study, phase C Final report	1965
19660071851	93-pound thrust, ablatively cooled pulse modulated, bipropellant rocket engine Interim progress report, 27 Aug. 1964 - 28 Feb. 1965	1965
19660071853	93-pound thrust, ablatively cooled, pulse modulated, bipropellant rocket engine Final report, Sep. 1964 - Jul. 1965	1965
19660071854	Determination of Apollo emergency impact limits Quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660071855	Determination of Apollo emergency impact limits Quarterly progress report	1965
19660071856	Engine evaluation tests, 93-pound thrust, ablatively cooled, pulse modulated bipropellant rocket engine	1965
19660071858	Investigation of the application of viscoplasticity methods of analysis to metal deformation processing Progress report, 1 Sep. - 30 Nov. 1965	1965
19660071859	Development of welding procedures and filler materials for joining high strength low alloy steels Technical report, Jun. 1964 - Jun. 1965	1965
19660071860	Theoretical studies of high resolution spectra of atmospheric molecules Final report, 1 Dec. 1959 - 30 Nov. 1964	1965
19660071864	Solid-state synthesis of microwave functions Interim engineering report, 1 Jul. - 30 Sep. 1965	1965
19660071865	Techniques for integration of active elements into antennas and antenna structure Final engineering report, 1 Dec. 1962 - 30 Nov. 1965	1965
19660071867	A study of the physical basis of the mechanical properties of ceramics Technical report, 15 Mar. 1964 - 15 Feb. 1965	1965
19660071868	A Review of Unclassified Research Activities of the Stanford Electronics Laboratories Quarterly Research Review No. 14, 1 Jul. - 30 Sep. 1965	1965
19660071869	Infrared to visible conversion in crystals Quarterly progress report, Aug. 1 - Oct. 31, 1965	1965
19660071870	Investigation of fundamental phenomena in hybrid propulsion, volume I Final technical report	1965
19660071871	Methods of laboratory and field measurements of thermal conductivity of soils	1965
19660071872	Measurement and in-process control of small bores, second phase report First summary technical report, 1 Jul. 1963 - 12 Mar. 1965	1965
19660071873	Microwave delay lines and materials First quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660071875	X-20 high temperature side window test evaluation Technical report, 27 Apr. 1964 - 1 Aug. 1965	1965
19660071876	Precision variable delay lines First quarterly report, 1 Jul. - 1 Oct. 1965	1965
19660071877	Oxidation-Resistant Coatings for Refractory Metals	1965
19660071880	Geology of the Cane Springs Test Site, Arizona, NASA Remote Sensing Test Site Technical report no. 3	1965
19660071881	Geology of the Sonora Pass-Emigrant Basin, California, NASA Remote Sensing Test Site Technical report no. 1	1965
19660071882	Design and analysis of analytic platform inertial navigation systems	1965
19660071883	Optimal guidance for orbital transfer	1965
19660071884	Investigation of inherent stability of combustion systems Final report, Jul. - Nov. 1963	1965
19660071885	Three-dimensional boost-turn flight maneuvers - Applications to the reusable orbital transport system	1965
19660071887	Propellant droplet study under combustion conditions Fourth quarterly status report, 1 May - 13 Aug. 1965	1965
19660071888	Model 8414 low thrust throttleable engine performance evaluation program Second quarterly progress report, period ending 31 Dec. 1965	1965
19660071890	Fundamental research on advanced oxidizers Quarterly technical report no. 11, Jun. - Aug. 1965	1965
19660071891	Low cost accurate sensor /AB-30/ Final report	1965
19660071892	DC MAW /conventional/ inner control loop	1965
19660071893	Fitting multi-component exponential decay curves by digital computer	1965
19660071894	The effects of 100 percent oxygen at reduced pressure on the ignitability and combustibility of materials Final report Aug. 1964 - Aug. 1965	1965
19660071899	Resume of analytical methods for the determination of RDX and HMX 1943-1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071900	US-IGY drifting station Alpha Arctic Ocean 1957-1958 Special report no. 38, Jun. 1957 - Nov. 1958	1965
19660071901	A comparison between the effects of exposure to a mixed fission spectrum delivered in a single "pulse" and X-rays delivered at a slower rate upon the conditioned avoidance behavior of primates	1965
19660071902	FTD semi-automatic file conversion system, volume III Final report	1965
19660071903	Search for possible loss processes for geomagnetically trapped particles /N/A/ FINAL report	1965
19660071904	Statistical determination of angular rate requirements for tracking certain targets	1965
19660071905	FTD semi-automatic file conversion system, volume I Final report, Apr. 30, 1963 - Feb. 28, 1965	1965
19660071907	Compatibility of structural materials with high performance O-F liquid oxidizers Final report, Jun. 1964 - Nov. 1965	1965
19660071908	FTD semi-automatic file conversion system Final report	1965
19660071909	PEM for gold-doped germanium infrared detector type IR400 Final report, 27 Dec. 1962 - 1 Sep. 1965	1965
19660071913	Contact couplers for rectangular waveguides	1965
19660071914	Lunar meteoroid detector - Analyzer Final report	1965
19660071915	Integrated circuit RF susceptibility measurements and EMI wideband antenna techniques Final report, Jul. 1964 - Aug. 1965	1965
19660071916	The hydrothermal growth of zinc oxide crystals Interim engineering progress report, 1 Jul. - 30 Sep. 1965	1965
19660071918	Research and development of cathodoluminescent phosphor with excitation-time-dependent color Seventh quarterly progress report, Jan. 1 - Mar. 31, 1965	1965
19660071920	Systems of height Final report, 4 Mar. 1964 - Jun. 1965	1965
19660071923	Development of composite structural materials for high temperature applications Final report, 23 Nov. 1964 - 22 Nov. 1965	1965
19660071924	The hydrothermal growth of large ruby crystals Interim engineering progress report, Jun. 2 - Oct. 15, 1965	1965
19660071925	C-131A/T-29 flight simulator flash blindness study Technical report, Jun. 1 - Dec. 12, 1964	1965
19660071926	Air Force Rocket Propulsion Laboratory scientific and engineering seminar abstracts Final report	1965
19660071934	Development of manufacturing processes and techniques for mass memory Interim engineering progress report, Aug. 1 - Oct. 31, 1965	1965
19660071936	Development of surface measurement system Interim engineering progress report, Oct. 1 - Dec. 31, 1965	1965
19660071937	Energy dissipation in a vibration damper utilizing a viscoelastic suspension Final technical report, Sep. 1963 - Sep. 1965	1965
19660071938	Geodetic control without triangulation, trilateration, or gravity data and gravimetric reduction of levelling Interim technical report, Feb. - Jul. 1965	1965
19660071939	Institution of Electrical Engineers /London/ Colloquium on Communications Satellite Technology, HS 303 /Early Bird/ and the Post Office Station at Goonhilly	1965
19660071941	Analysis of the ideal multiplier and major limitations Final report	1965
19660071942	Subminiature audio cords Third quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660071947	Astrionics system handbook - Saturn launch vehicles	1965
19660071948	Scientific mission support study, Apollo extension system, volume I Final report summary	1965
19660071949	Scientific mission support study, Apollo extension system, volume II Final report	1965
19660071950	Scientific mission support study, Apollo extension system - Research and technological implications, volume III	1965
19660071953	Orbital lifetime study Monthly progress report, Sep. 1965	1965
19660071955	Design analysis of electrostatic thrusters by a computer technique Internal memorandum	1965
19660071956	Development of improved potting and encapsulating compounds for space applications Sixth quarterly report, 1 Jan. - 31 Mar. 1965	1965
19660071957	Infrared quantum counters Interim technical report, 15 Apr. - 15 Oct. 1965	1965
19660071958	A study to improve the low-level meteorological simulator Third quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660071959	Investigation of large signal microwave effects in ferroelectric materials Seventh quarterly report, 1 May - 31 Jul. 1965	1965
19660071963	Low-modulus arctic cable materials Third quarterly progress report, 15 Aug. 14 Nov. 1965	1965
19660071964	The 53rd session of the International Council for the Exploration of the Sea, Rome, 4-11 October 1965	1965
19660071965	Beryllium as a technological material Summary report, 15 Mar. - 31 Jul. 1965	1965
19660071967	High-power microwave tube window investigations Final report, 15 Sep. 1964 - 15 Sep. 1965	1965
19660071968	Application of queuing theory to information system design Final report	1965
19660071969	Nuclear fuel /carbide/ clad thermionic converters Final report, Mar. 1963 - Nov. 1965	1965
19660071970	Hot structures thermal correlation Final report, Oct. 1964 - May 1965	1965
19660071972	Single crystals of ferrite and ferroelectric materials Fourth quarterly progress report, 16 Aug. - 15 Nov. 1965	1965
19660071974	Design of the electronics for a pulse integral modulation directional control system for lance	1965
19660071977	Aerodynamic noise tests on X-20 scale models. Volume II - Summary and analysis report Final report, Oct. 1964 - Aug. 1965	1965
19660071980	Hydrogen embrittlement resulting from corrosion, cathodic protection and electroplating Quarterly report	1965
19660071981	Hydrostatic bearing feasibility program Final report	1965
19660071982	A study on the mobility of continuous one-dimensional systems Final report	1965
19660071983	Study on d-c characteristics of transistors in the saturation region	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071984	Investigation into the tungsten-rich region of the tungsten-silicon system and into related metal-silicon systems Technical report, 1 Mar. 1963 - 31 Mar. 1965	1965
19660071988	Heat transfer and pressure drop characteristics of suspensions of graphite powder in nitrogen gas	1965
19660071991	Dynamic programming and the calculus of variations	1965
19660071993	Criteria for determining when scatter propagation mode is dominant Final report	1965
19660071994	Plasma diagnostics by second derivative methods	1965
19660071999	Scattering from a dipole antenna embedded in a dissipative half-space. Part 1 - Current distribution Interim technical report	1965
19660072001	A mathematical pattern recognition technique based on contour shape properties	1965
19660072003	Effect of pressure cycles and of dissolved air on the viscosity of water	1965
19660072004	Fluorine oxidizers Final report	1965
19660072005	The super-conductance of niobium nitride. The nitrides of niobium	1965
19660072006	The super-conductance of niobium nitride Third report on super-conductance, Erlangen	1965
19660072007	The nitrides of niobium	1965
19660072008	GARGOYLE user's manual Final technical report, volume I, Jan. 1963 - Aug. 1965	1965
19660072009	Cell structure of the atmosphere. Rocket measurements evaluations and comparisons between the results of several years Final report	1965
19660072015	Two components of the scotopic b-wave of the human electroretinogram	1965
19660072020	Research and development on fuel cell systems Fourth quarterly progress report, Apr. 1 - Jun. 30, 1965	1965
19660072024	The design, development, and fabrication of a prototype system for determining the concentration of liquid nitrogen in liquid oxygen in propellant tanks Final report	1965
19660072027	Study of guidance and control systems, phase III Final report, 20 Nov. 1963 - 30 Jul. 1964	1965
19660072028	A program to determine the luminous coefficients of artificial meteors Revised final report	1965
19660072029	The combustion of hydrocarbons and fluoro- substituted hydrocarbons with nitrogen trifluoride and nitrogen trifluoride-oxygen mixtures	1965
19660072030	Toxic and anti-sodium action of thromboplastic extracts of skin and muscle in burn and tourniquet trauma in mice	1965
19660072032	Some aspects of the erosion reducing characteristics of the titanium oxide-wax additive	1965
19660072033	Noise and low-frequency amplifiers	1965
19660072036	Problems and pitfalls in automatic test computer programming	1965
19660072038	Immunochemical and clinical studies of mammalian homotransplants in the treatment of thermal and irradiation burns, 1 September 1964 - 31 August 1965	1965
19660072039	Wind-tunnel investigation of a 1/20-scale powered model tilt-wing V/STOL seaplane in the cruise configuration	1965
19660072040	Proceedings of Air Force Systems Command System Effectiveness Symposium, volume II	1965
19660072041	Proceedings of Air Force Systems Command System Effectiveness Symposium, volume I	1965
19660072042	Compilation of nuclear, pulsed, and space radiation effects projects	1965
19660072043	A study of synthetic fiber cloth variables, accelerated weathering variables and their interaction Progress report, 2 Apr. - 15 Dec. 1965	1965
19660072046	Marine gravimetry	1965
19660072047	Experimental investigation of the BuShips Parent Hydrofoil model-Lockheed Underwater Missile Facility Final report	1965
19660072048	Interdisciplinary studies of the effects of the space environment on biological systems Semiannual status report	1965
19660072049	Metabolic changes in rats exposed to an oxygen enriched environment /metabolic effects of an oxygen-rich atmosphere/	1965
19660072050	Study of guidance and control systems, MOD IV Final report	1965
19660072051	Gemini Agena Target Vehicle Program progress report, Feb. 1965	1965
19660072052	The Ti-8A1-1Mo-1V alloy	1965
19660072053	Research on the mechanisms of fatigue in ultra-small specimens Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660072054	Manufacturing in-process control and measuring techniques for integral electronics Interim engineering progress report no. 6, 1 Jun. - 31 Aug. 1965	1965
19660072055	The mechanical behavior of fabrics subjected to biaxial stress - Theory of fabric structures Technical report, May 1964 - May 1965	1965
19660072060	Monte Carlo investigation of coupled vibrational-rotational transition rates	1965
19660072063	Landau damping	1965
19660072068	High-power magnetron injection gun noise study Second quarterly report, 1 Aug. - 1 Nov. 1965	1965
19660072069	Operational targets at the Pacific Missile Range	1965
19660072071	An evaluation of miniature fuel cells for fuze power applications Special report no. 4	1965
19660072072	Vaporizing and endothermic fuels for advanced engine application Quarterly progress report no. 10, Sep. - Nov. 1965	1965
19660072073	Photographic material suitable for in-flight processing Ninth quarterly progress report, 15 Jun. - 15 Sep. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072084	Basic research in microwave devices and quantum electronics Quarterly progress report no. 10, 1 Aug. - 1 Dec. 1965	1965
19660072085	A novel thermocouple method for the rapid determination of strand burning rates	1965
19660072086	Thin-film monotonics Quarterly report, 13 Sep. - 12 Dec. 1965	1965
19660072087	Low frequency scattering from an ogive	1965
19660072092	Electron tube research Twelfth quarterly progress report, 1 Sep. - 30 Nov. 1965	1965
19660072097	Tunable superconductive RF networks First quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660072098	High-current-density cathode-ray tube electron source Fifth quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660072100	Thermal correlation of heat protection system	1965
19660072103	Properties of photodetectors, June - November 1965	1965
19660072108	Analytical investigation of wing pivot bearings for variable sweep wing aircraft Technical report, Feb. 4 - Dec. 28, 1965	1965
19660072109	Application of beta-radiation in control of thin-walled aluminum pipes	1965
19660072110	X-22A tri-service V/STOL aircraft Monthly progress report no. 30, 1 - 31 May 1965	1965
19660072111	On a new type of accelerator for heavy ions	1965
19660072113	Preferential changes in electronic materials Technical report, 1 Jun. - 15 Sep. 1965	1965
19660072114	GEOS real time telemetry data reduction system	1965
19660072115	Development of an all-fluid pneumatic pressure regulator Monthly progress report /Phase I summary/	1965
19660072116	Investigation of the effect of welding on the fatigue properties of HY-100 steel tee-fillet welded plates mechanically peened	1965
19660072118	Waterjet propulsion system study - System design and analysis Report no. 5	1965
19660072119	Boundary-layer flows with large injection rates	1965
19660072120	100-kilovolt ceramic-metal thyratron Eighth quarterly progress report, Jul. 15 - Oct. 14, 1965	1965
19660072121	Response of higher plants to high-intensity light. The use of pathogen-free plants in a microcosm Semiannual report, Jun. - Dec. 1965	1965
19660072123	Thermal design studies Final report	1965
19660072124	Design evaluation/qualification test of the high level multicoder, Douglas specification control no. 1B32659-1 and mounting plates, Douglas P/N 1B34041-1 and -502	1965
19660072125	Equilibrium structure of thin diffusion flame zone Technical report, Feb. - Aug. 1965	1965
19660072126	An evaluation of new and potentially heat resistant glass reinforced plastics Summary report, 1 Jun. 1964 - 31 May 1965	1965
19660072128	A measurement of chi yzzy/omega, omega, -omega/ in isotropic-centrosymmetric materials by the optical rotation method	1965
19660072129	An investigation of heat transfer from bare soil Final report, Nov. 1964 - Oct. 1965	1965
19660072130	Optical images of microwave illuminated objects	1965
19660072132	Significance of macromolecules in cultivation of cells in vitro	1965
19660072134	Asymptotic expansion for transient forces from quasi-steady subsonic wing theory	1965
19660072135	Systems aspects of reliable communications	1965
19660072138	A reference pressure system based on the use of a supersonic nozzle	1965
19660072139	Some applications of magnetically hard ferrites	1965
19660072140	Research on electron-photon interaction phenomena Interim technical report, 3 Sep. - 2 Dec. 1965	1965
19660072141	Characteristics of injecting point contacts on semiconductors. I - In darkness	1965
19660072142	Photocapacitive phenomena	1965
19660072143	Attempts to prepare fluoroethers with emphasis on the use of lithio-perfluoroalkanes in organic synthesis	1965
19660072144	Astrolux portable high intensity lights Final report	1965
19660072145	The burning velocity and combustion mechanism of chlorinated hydrocarbons	1965
19660072150	Theory of three level frequency converters	1965
19660072151	Hero ground plane measurements and development of the near field field intensity meter, part no. GM-A209 Addendum 1 to final report	1965
19660072165	Boron fiberization from the melt Technical report, 1 Sep. 1964 - 30 Apr. 1965	1965
19660072172	TITAN I/Sandia launch vehicle parametric study /U/ Final report	1965
19660072177	LEM utilization study for Apollo extension system missions. Volume IV - LEM taxi /U/ Final report	1965
19660072183	OMSF Program Supporting Research Projects, Part II /U/ Semiannual Progress Report, 1 Jan. - 1 Jul. 1965	1965
19660072185	Design and performance analysis of a velocity package for shallow angle re-entry missions /U/	1965
19660072190	Atmospheric Diffusion Control of FLOX and HF (U) Second Monthly Progress Report, 1 Apr. - 1 May 1965	1965
19660072191	Atmospheric Diffusion Control of FLOX and HF (U) First Monthly Progress Report, 8 Mar. - 1 Apr. 1965	1965
19660072193	Aerodynamic Nozzle Study (U) Informal Quarterly Report, 1 Sep. - 30 Nov. 1965	1965
19660072218	Wound ballistomechanics Final technical report	1965
19660072220	The development of a hot gas reaction control valve for an antitank missile	1965
19660072221	Transient radiation effects on microwave electron tubes Second quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660072223	Research on light metal fuels and oxidizer chemistry. Part 2 - Oxidizer chemistry Annual technical summary report no. 2	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072226	A method of electronically extracting scoring parameters from Doppler effect Final report	1965
19660072229	Beam-trapping of a diffraction-limited optical maser beam	1965
19660072241	Detection and measurement of inflammable vapours in aircraft	1965
19660072242	Present-day aeronautics	1965
19660072243	Measurement of the moments of inertia of the Handley Page HP115 aircraft	1965
19660072245	Experiments on the magnification of drag increments by adverse pressure gradients	1965
19660072246	Scientific research work in a volunteer group for protecting metals against corrosion	1965
19660072247	Equations and Fortran program for approximate aerodynamic heat transfer and transient temperature distributions for leading edges and flat plate surfaces	1965
19660072250	The development of a corrosion prevention coating system for missile silos Technical memorandum, Jun. 1963 - Sep. 1965	1965
19660072251	The development of equipment to measure electric and magnetic pulses from a nuclear explosion Final report	1965
19660072254	Monte Carlo calculations of cross sections of electron-positive molecular ion dissociative recombination	1965
19660072257	Shock hardness appraisal of aircraft carrier launching, recovery and landing aids systems' components	1965
19660072258	Brochure for oral presentation - Phase A	1965
19660072259	Verification of the feasibility of measurement of point velocities in liquids with a laser Doppler velocimeter	1965
19660072266	Behavior of the right intraventricular conduction in man under acute anoxic anoxia	1965
19660072267	The U. S. Government Metalworking Processes and Equipment Program Fourth status report	1965
19660072274	The stabilisation of men during descent from high altitudes	1965
19660072275	Specific heat of spin system at positive and negative absolute temperature	1965
19660072277	Special support equipment for the attitude reference /AN/ASN-50/ and bombing computer systems of the Navy P3A and A7A aircraft Interim engineering report	1965
19660072279	Conceptual flutter analyses Final report	1965
19660072280	Rayleigh-Ritz flutter solution of a swept cantilever uniform wing with an aileron having no aerodynamic overbalance	1965
19660072281	Development of equations of motion and flutter criteria for the nonuniform cantilever wing with a trailing edge control surface having no aerodynamic overbalance	1965
19660072282	Development of equations of motion for a nonuniform cantilever wing with an all moveable control surface mounted at the wing tip	1965
19660072283	AFWL-ATAC Joint Shielding Program - Measured and calculated data for radiation transmitted through ducts and voids in shields	1965
19660072285	Completion of fabrication of thermal management system for Dyna-Soar /X-20/	1965
19660072286	High energy impact forming program Final report, 8 Jun. 1961 - 31 Mar. 1965	1965
19660072287	Aerodynamic noise tests on X-20 scale models. Volume I - Data report Technical report, Oct. 1964 - Aug. 1965	1965
19660072288	Manufacturing methods and processes for magnetic garnets Final report, 1 Jul. 1963 - 30 Jun. 1965	1965
19660072291	Dispersion strengthened molybdenum and molybdenum-base alloys	1965
19660072294	The 12 in. diameter intake test rig at N.G.T.E.	1965
19660072295	The autumn meeting of the Chemical Society	1965
19660072297	Vibration and stability analysis of Molab	1965
19660072299	Correlation formulas for laminar shock tube boundary layer	1965
19660072301	Long wavelength infrared domes Final technical report, Apr. 1964 - Aug. 1965	1965
19660072304	Effect of radiation damage and annealing on the electroluminescence in GaAs diodes	1965
19660072307	Design of VHF transistorized crystal oscillators for maximum frequency stability	1965
19660072308	Program definition study for evaluating satellite materials by ground-based photometry	1965
19660072313	Research on resin-impregnated. Collimated boron filaments and improved high-modulus, high-strength filaments and composites Technical report, 1 Oct. 1964 - 30 Sep. 1965	1965
19660072314	Diffusion bonding of titanium and beryllium Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660072316	Solid state broadband optical detector First quarterly report, 1 May - 31 Jul. 1965	1965
19660072319	Chemistry effects on RF attenuation during re-entry	1965
19660072321	Investigation of charged particle effects on infrared optical materials	1965
19660072322	Research and reports on effects of alcohol and drugs on rats under ambient and low temperatures measured by avoidance response	1965
19660072323	HF transmitter couplers compared with integrated power amplifier-couplers by computer analysis. Significant improvement in communications performance shown to be possible by means of integrated PAC approach Research report	1965
19660072328	System test of thermal management system for Dyna-Soar /X-20/ Technical report, Aug. 1964 - Aug. 1965	1965
19660072330	Development of techniques for automatic manufacture of integral circuits. Volume I Final report	1965
19660072335	Advanced spaceborne dosimetry instrumentation Technical documentary report, Jul. 1963 - Jul. 1965	1965
19660072339	The mechanical cohesion properties and the real structure of crystals	1965
19660072340	Certain little known high frequency performance characteristics of a transistor	1965
19660072341	Spectrophotometric determination of total oxides of nitrogen by ferrous sulfate reaction Test report	1965
19660072342	An evaluation of nitroso rubber 'vulcanisates'	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072346	Determination of phosphorus in organic compounds on the centigram scale	1965
19660072347	Gusts on the approach at Gibraltar Airfield	1965
19660072350	Analysis of dynamic response test of HILL AFB, range 6404, stage I Minuteman test stand Final report	1965
19660072358	Format tracking vocoder system Final report, 14 Aug. 1962 - 30 Sep. 1965	1965
19660072361	Analysis of flight failure data to predict safety factors of man-rated systems. Volume I - Regression analysis methods and application procedures Technical summary report, 18 Jun. 1964 - 18 Mar. 1965	1965
19660072364	J-2 vehicle longitudinal stability /POGO/ ANALYSIS program	1965
19660072367	Lunar thermophysics Bibliography	1965
19660072370	Production and acceptance testing of battery BA 494/ //U Final report, 1 May - 31 Dec. 1965	1965
19660072371	Development of manufacturing methods for field-effect devices Interim engineering progress report, Sep. - Nov. 1965	1965
19660072372	Development of techniques for automatic manufacture of integral circuits. Volume II - Applications manual for computer-aided design of integral circuits Technical report, 1 May 1964 - 31 Aug. 1965	1965
19660072376	Flow characteristics of rigid ribbon parachute canopies in supersonic flow Final report, 15 Apr. 1963 - 15 Apr. 1965	1965
19660072377	Manufacturing process development for superalloy cast parts Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660072378	Physical characteristics of the sonic bangs and other events at Exercise Westminster	1965
19660072379	Sheet-metal pre-rotation vanes for heavily loaded fans	1965
19660072380	VTOL aircraft	1965
19660072381	Output signal-to-noise ratio as a criterion in spread-channel signaling Technical report 388	1965
19660072382	Communications cable for tropical jungle use Quarterly report, 30 Jun. - 30 Sep. 1965	1965
19660072383	Research on antennas - Part I - Scimitar antennas. Part II - Receiving antennas with integrated active elements Annual summary report, 1 Oct. 1964 - 30 Sep. 1965	1965
19660072384	Performance of multilayer insulation systems for the 300 deg to 800 deg K temperature range. Phase II - Analysis of two- dimensional effects	1965
19660072388	Surface temperature with temperature dependent thermal properties Technical report, 1 Nov. 1964 - 31 Jan. 1965	1965
19660072391	Establishment of impedance methods for predicting vibratory responses in vehicle and spacecraft structure. Volume III - Computer analysis summary report for free vibration programs	1965
19660072392	Establishment of impedance methods for predicting vibratory response in vehicle and spacecraft structure. Volume II - Computer analysis summary report for response programs	1965
19660072393	Establishment of impedance methods for predicting vibratory responses in vehicle and spacecraft structure. Volume I - Analysis, experiments and summary	1965
19660072394	The hydrothermal growth of zinc oxide crystals Interim engineering progress report, 1 Dec. 1964 - 30 Jun. 1965	1965
19660072395	An investigation into mixing between by-pass air and turbine exhaust gases. Part IV - An analysis of the pressure losses due to mixing	1965
19660072396	Is there no end to the Cosmos-series /Ques/	1965
19660072397	Fourth Session of the Intergovernmental Oceanographic Commission, Paris, November 3-12, 1965	1965
19660072398	Investigation for 2000 deg F power wire Second quarterly report, 21 Sep. - 27 Dec. 1965	1965
19660072399	Development of a remote cutoff MOS field effect transistor Interim development report, Aug. 10 - Nov. 10, 1965	1965
19660072400	Feasibility study of a control system for use in conjunction with a linear induction motor	1965
19660072402	Research on control of forced vibration in machine tool metal cutting systems Interim engineering progress report, 1 Sep. - 30 Nov. 1965	1965
19660072403	Electrical engineering /selected articles/	1965
19660072404	Supplementary losses in squirrel-cage rotors of synchronous and asynchronous machines	1965
19660072405	The asynchronous machine with solid ferromagnetic rotor	1965
19660072406	The influence of atmospheric refraction on electromagnetic propagation Final report	1965
19660072407	High power gas laser research Interim engineering report, 1 Oct. - 31 Dec. 1965	1965
19660072408	An investigation of the mechanical properties and microstructures of 18Ni/250/ maraging steel weldments Summary report, 15 Jun. 1964 - 15 Aug. 1965	1965
19660072410	Initial evaluation of diphenyl oxide resins	1965
19660072411	Apparently lossless time-varying networks	1965
19660072414	Nuclear super-radiance and stimulated emission of gamma radiation	1965
19660072415	Nutritional principles applied to flight personnel in the light of new regulations	1965
19660072416	Long term storage of hydrocarbon fuels in coated drums. Part IV - Examination of fuels after seven years of storage	1965
19660072418	Flow control in the corners of cascades	1965
19660072419	Design considerations for a slot antenna	1965
19660072420	Thermal stability of hydrocarbon fuels Progress report no. 8, 1 Sep. - 30 Nov. 1965	1965
19660072421	Natural transition of a boundary layer on a flat plate	1965
19660072422	RF spectrum utilization measurement test procedures for frequency modulated transmitters	1965
19660072425	Trials on an Elliott E.3 stable platform	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072426	Technological influences on the characteristic values of a transistor, part II	1965
19660072428	Distribution of projected area for the general rectangular parallelepiped	1965
19660072431	Thermodynamic states for aluminum and polystyrene	1965
19660072432	Production engineering measure for the production of silicon monoxide capacitors Quarterly report, 1 Sep. - 30 Nov. 1965	1965
19660072433	Microscopic telecommunication by closed-circuit television Technical report, Feb. 1963 - Sep. 1965	1965
19660072434	Economics, logistics, and optimization of fuel cells	1965
19660072436	Studies of the effect of laser radiation on chemical activation and vapor fog nucleation Quarterly progress report no. 3, Jan. - Mar. 1965	1965
19660072437	A three-dimensional design method for subsonic flow	1965
19660072438	Long-wavelength laser detector techniques Second quarterly progress report, 15 Sep. - 15 Dec. 1965	1965
19660072439	Applications technology satellite Monthly progress report no. 12, 1-31 Oct. 1965	1965
19660072443	Civil aircraft airworthiness data recording programme - Special events of meteorological origin Technical report, Nov. 1963 - Dec. 1964	1965
19660072444	Civil aircraft airworthiness data recording programme - Special events of an operational nature Technical report, Feb. - Dec. 1964	1965
19660072446	Research in turbulent wakes Semiannual technical summary report, 1 Jul. - 31 Dec. 1965	1965
19660072448	Free-flight measurements of heat transfer and observations of transition on a caret wing at Mach numbers up to 3.6	1965
19660072449	A flight comparison of three flight director systems used for instrument approaches	1965
19660072453	The response of laminar boundary layer on a flat plate to small fluctuations of the free stream velocity	1965
19660072454	On the nucleation rate of vacancy clusters in crystals	1965
19660072456	Laboratory studies of Q-spoiled lasers	1965
19660072457	The role of tin-bronze alloys with two or more components in bearings	1965
19660072458	Thermal analysis of slug-type calorimeter calibration techniques, volume II	1965
19660072459	Demonstration test of payload erectability lunar survey probe survivable capsule study, phase D Final report	1965
19660072460	RAT SCAT cross section measurements of the Model number 2 simulated satellite	1965
19660072461	Radar cross section measurements of the King model	1965
19660072462	RAT SCAT cross section measurements of the MIT Lincoln Laboratory Texas Foxtrot model 2	1965
19660072463	RAT SCAT cross section measurements of the Sperry A-1 vehicle	1965
19660072466	The NSMC sonar operator alertness research apparatus - Description and instructions for use	1965
19660072471	Notes on the International Symposium on Macromolecular Chemistry, Prague, 30th August - 4th September, 1965	1965
19660072472	On the results of growth-material in heavy water	1965
19660072473	Refraction error analysis of the angle measuring equipment of the Integrated Trajectory System at White Sands Missile Range	1965
19660072477	Investigations of the mechanisms of the rhenium effect in group VI-A metals Fifth yearly progress report, Apr. 1, 1964 - Mar. 31, 1965	1965
19660072482	Apollo Logistics Support System (ALSS) PAYLOADS, Volume 1 Final Presentation Report	1965
19660072490	An optical analog method for the determination of the radiation view factor between surfaces of arbitrary configuration Interim summary report	1965
19660072492	A study of polymers containing silicon-nitrogen bonds Quarterly progress report, Nov. 4, 1964 - Feb. 3, 1965	1965
19660072493	Space Technology Analysis and Mission Planning /STAMP/ Research and technology implications report	1965
19660072494	The resistance of plastic propellants to acceleration stresses. The case of the ablating charge	1965
19660072495	Mechanisms of laser-surface interactions Semiannual report	1965
19660072496	Rigorous results in non-equilibrium statistical mechanics	1965
19660072497	Production of millimicrosecond impulses with amplitude up to 30 kV	1965
19660072498	Silicon diodes for use in power engineering	1965
19660072500	Precision temperature control as applied to floated gyroscopes	1965
19660072501	Rf susceptibility analysis and proposed rf susceptibility test plan for the manufacturing phase of EM-5 rocket motor igniter assembly	1965
19660072502	Cosmic relays	1965
19660072503	A simplified study of the turbulent free shear layer between two dissimilar gases	1965
19660072507	Experiments on the oblique impingement of underexpanded jets on a flat plate	1965
19660072508	Development of manufacturing methods and techniques for the production of improved alkaline batteries Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660072509	Explosive driven MHD generator for laser pumping Final report, 29 Jun. 1964 - 28 Apr. 1965	1965
19660072514	Contributions to rational approximation	1965
19660072515	Minimum-fuel orbital transfers	1965
19660072516	Solid propellant-liner bonding investigations Technical report, Aug. 17, 1964 - Aug. 27, 1965	1965
19660072517	Abort system mission effects for Saturn /radiation heat transfer from rocket exhausts/	1965
19660072518	Investigation of cooling problems at high chamber pressures Quarterly progress report, period ending 29 Sep. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072520	Aerosol studies. Volume II, part I - Particle deposition Final report, 15 Sep. 1964 - 31 Oct. 1965	1965
19660072522	Luneberg lens measurements	1965
19660072523	Skyhook Churchill 1965 Final report	1965
19660072524	Range users handbook for National Range documentation	1965
19660072527	Applications technology satellite Quarterly progress report no. 6, 1 Sep. - 30 Nov. 1965	1965
19660072528	Applications technology satellite Quarterly progress report no. 3, 1 Dec. 1964 - 28 Feb. 1965	1965
19660072529	Applications technology satellite Quarterly progress report no. 5, 1 Jun. - 31 Aug. 1965	1965
19660072531	Research and development on fuel cell systems Fifth quarterly progress report, period ending 30 Sep. 1965	1965
19660072534	An approximation to boundary layer wind profiles	1965
19660072535	Wright-Patterson Air Force Base reconnaissance multisensor target range Technical report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660072536	Cross channel interference criteria in a R-A-D-A system Final report	1965
19660072537	Experimental investigation of the initial stage of the formation of a gas jet	1965
19660072539	Research on the deflagration of high-energy solid oxidizers Quarterly technical summary report, 1 Mar. - 31 May 1965	1965
19660072540	Adaptive threshold logic for identification of simulated radar targets Final report	1965
19660072541	A comparison of some available data on laser-induced gas breakdown	1965
19660072542	Calculation of ablation rates of subliming ablators on cones and spheres	1965
19660072543	Development of manufacturing processes and techniques for the compressed data storage system Technical applications report, 1 Sep. 1964 - 20 Nov. 1965	1965
19660072545	Multiple magnetic lens focusing in klystron beams First annual report	1965
19660072546	Magnetron injection gun research Second annual report	1965
19660072551	Evaluation of the avionics system on the model C-141A airplane. Part 14.0 - USAF STANDARD flight director system	1965
19660072552	Evaluation of the avionics system on the model C-141A airplane Part 11.0 - Navigation and weather radar subsystem, type AN/APN/59B Engineering flight report no. 9, Jul. - 8 Nov. 1964	1965
19660072553	Refractive index gradients, Gila Bend- Dateland, Arizona, area Final report	1965
19660072556	Antifouling paints based on rosin-maleic resins	1965
19660072557	Development and design criteria for an ultraviolet backscatter densitometer Technical report, Jan. 1962 - Apr. 1965	1965
19660072558	Studies of the effects of variations in boundary conditions on the atmospheric boundary layer Final report, Oct. 1962 - Sep. 1965	1965
19660072559	Longitudinal versus lateral eddy length-scale /Second note on a vorticity-transfer- hypothesis of turbulence theory/	1965
19660072560	A universal law relating eddy to mean states, applied to turbulence in ducts /Third note on a vorticity-transfer hypothesis of turbulence theory/	1965
19660072561	Atmospheric boundary-layer dynamics over the forests of northeastern Wisconsin	1965
19660072562	Airborne measurements of atmospheric boundary layer structure	1965
19660072563	Measurements of infrared radiation divergence and temperature profiles near an air-water interface	1965
19660072566	Applications Technology Satellite Quarterly progress report no. 4, 1 Mar. - 31 May 1965	1965
19660072569	A study of high thrust measuring systems	1965
19660072571	Research program on radio astronomy and plasma for AES lunar surface missions Interim report, 17 Jun. - 31 Dec. 1965	1965
19660072576	Research, development, and preliminary design for the lunar penetrometer system applicable to the Apollo program State-of-the-art review	1965
19660072578	An investigation of bone density changes in various sites of the skeletal anatomy of primates, for the purpose of defining and verifying an experiment suitable for use in a Biosatellite Terminal report, 1 Dec. 1963 - 28 Feb. 1965	1965
19660072580	Star image sharpening system	1965
19660072583	Design, fabrication, and testing of two pressure switch toggle actuators Quarterly report no. 3, 1 Jan. - 31 Mar. 1965	1965
19660072588	Study of a survivable for the Lunar Survey Probe. Phase A, presentation material	1965
19660072589	Study of a survivable capsule for the Lunar Survey Probe Final presentation	1965
19660072592	The application of air cushion vehicles to the MSFC Saturn stage transportation plan	1965
19660072594	A study of electrode effects in crossed field accelerators Summary report, Jan. 30, 1964 - Jul. 1, 1965	1965
19660072597	Applications report on development of advanced techniques for the fabrication of refractory metal tubing /planetary ball swager/ Technical report, Jun. 1, 1964 - Sep. 29, 1965	1965
19660072598	A redundant, defect-tolerant oscillator	1965
19660072600	Research and development of direct synthesis of carboranes Quarterly report, Oct. 1 - Dec. 31, 1965	1965
19660072601	Research and development of direct synthesis of carboranes Quarterly report, Jul. 1 - Sep. 30, 1965	1965
19660072603	Lowering of ionization potentials in plasmas	1965
19660072604	Torque variation of small two-shaft gas turbines	1965
19660072605	Tunable solid state generator Quarterly report, 1 Sep. - 30 Nov. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072606	Utilization of maser as a means of excitation for the spectrographic examination of microstructure of metals Second progress report, 15 Jun. 1964 - 10 Mar. 1965	1965
19660072614	Study of Surveyor as a Lunar Survey Probe Midterm report, 24 Nov. 1964 - Feb. 1965	1965
19660072617	The effect of aluminium on the properties of a 0.3 per cent carbon steel	1965
19660072619	Lo-temp thermionic plasma study Final yearly report	1965
19660072624	Fabrication feasibility of a 36-inch diameter thick-wall glass reinforced plastic deep submergence model Final report, 17 Jan. 1964 - 1 Aug. 1965	1965
19660072625	Test and evaluation of AQM-37A	1965
19660072626	Theory of the optical method for investigating atmospheric aerosols	1965
19660072627	Research and development on crystal filters Final report	1965
19660072628	Further results on sound scattering by the sea surface	1965
19660072629	The effects of residual elements on brittleness in hardened and tempered forgings of nickel-chromium-molybdenum steel	1965
19660072631	Optical Satellite Tracking Program Semiannual Progress Report No. 13, 1 Jul. - 31 Dec. 1965	1965
19660072632	Experimental model airborne X-band antenna complex Final engineering report, Jul. 1962 - Oct. 1964	1965
19660072633	Radiation-activated relay for various applications	1965
19660072635	Reusable orbital transport Final presentation	1965
19660072639	Complete mechanical properties specifications for materials as used in Venturi cavitation damage tests	1965
19660072640	Radar cloud detecting set AN/TPQ-11 /PRODUCTION model/, category II Final test report, 18 Dec. 1964 - 21 Oct. 1965	1965
19660072641	Contributions to the Mono Lake experiments. Volume II - The linear theory of water waves generated by explosions Final report	1965
19660072642	Contributions to the Mono Lake experiments. Volume I - Predictions of the water waves and run-up generated by TNT explosions in Mono Lake Final report	1965
19660072647	Multidisciplinary Research Activity in the Materials Sciences with Emphasis on Inorganic Non-Metallic /Ceramic/ Materials Semiannual Status Report No. 5, 1 Jun. - 15 Dec. 1965	1965
19660072649	Multiple-frequency forward-propagation study, Project Vela-Sierra, part one Semiannual technical report, 1 Apr. - 30 Sep. 1965	1965
19660072651	Ironless A-output with transistors without push-pull modulation. FT measurements of transistors. Novelties in the field of semiconductor technology	1965
19660072652	Some metabolic aspects of tolerance to endotoxin and the effect of low temperature Progress report, 1 Sep. - 30 Nov. 1964	1965
19660072653	Standardization studies with the repetitive psychometric measures. I - Determining equivalence of forms	1965
19660072654	Study of the uniformity of Gulton Industries Inc. /O-3-HS/ hermetically sealed nickel cadmium cells and the establishment of selection procedures for the U.K.3 SATELLITE	1965
19660072659	A model for current collection by a flush probe in a boundary layer	1965
19660072661	Investigation of solid propellant combustion Final report	1965
19660072662	Study of interplanetary mission support requirements Final oral report	1965
19660072663	Three-dimensional trajectory analysis of nonstop round-trip Mars mission between 1970 and 1988 using propulsive-gravity turns with atmospheric effects	1965
19660072664	Instrumentation design study for testing a hypersonic ramjet engine on the X-15 A-2. Volume 1 - Summary, costs and schedules	1965
19660072665	Study of reignitable solid propellant grains leading to extinguishable and restartable solid propellant rocket motors Ninth quarterly progress report, Jan. 22 - Apr. 22, 1965	1965
19660072666	NERVA engine development program Informal progress letter no. 34, Oct. - Dec. 1964	1965
19660072668	Multifunction sensor technique Final technical report, Feb. 1964 - Feb. 1965	1965
19660072670	Odor evaluation of nonmetallic materials for manned space vehicles	1965
19660072671	Investigations on the interaction between hull and propeller of bodies of revolution	1965
19660072672	Helicopter target detection radar system, data collection and analysis program, phase I and II Final engineering report	1965
19660072674	Program 624A 20 percent-scale dynamic model ground vibration survey, volume I Final test report	1965
19660072675	Meteoroid-bumper interaction studies Third quarterly progress report, Dec. 15, 1964 - Mar. 15, 1965	1965
19660072678	Electronic states in refractory compounds with the sodium chloride structure	1965
19660072680	Exploratory development of expandable tire concept Final technical report, Jul. 1964 - Apr. 1965	1965
19660072683	Decay theory of closely coupled unstable states	1965
19660072687	Pulsed electron thermal damage to semiconductor devices	1965
19660072688	The recovery of clocked signal inputs to linear dynamic systems Technical report no. 166	1965
19660072689	Determination of residual water content of polymers by a tritium exchange method	1965
19660072690	Advanced methods to test thin gage materials Summary technical report, 1 Jun. 1964 - 31 May 1965	1965
19660072691	Types of lasers and their applications	1965
19660072693	High frequency combustion pressure oscillations in motors burning gaseous propellants	1965
19660072694	High-performance insulation system development	1965
19660072695	Information-preserving quantization for threshold realization of analog-to-digital conversion systems	1965
19660072696	An investigation of interdiffusion in metallic single crystals Final report, 1 Nov. 1962 - 31 Aug. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072697	Development of high strength, brazed aluminum, honeycomb sandwich composites adaptable for both elevated and cryogenic temperature applications Summary annual report, Jul. 1963 - Jun. 1964	1965
19660072700	Biological measurement of man in space, volume I - Biomedical and human performance program Final report	1965
19660072701	Biological measurement of man in space, volume II - Conceptual design of a measurement system for Apollo X Final report	1965
19660072702	Biological measurement of man in space, volume III - Conceptual design of a measurement system for Apollo extension systems Final report	1965
19660072703	Biological measurement of man in space, volume IV - Conceptual design of a measurement system for a manned orbital research laboratory Final report	1965
19660072704	Biological measurement of man in space, volume V - Preliminary requirements data book	1965
19660072707	Research and exploratory development for the Engineering Division, Bureau of Naval Weapons Quarterly report, Oct. - Dec. 1965	1965
19660072708	High altitude sensing techniques Final summary report, Jun. 1964 - Jan. 1965	1965
19660072709	Design, development and fabrication of prototype 3000 deg C thermocouple gauges Final report, 27 May 1964 - 31 May 1965	1965
19660072710	Development of an analytical technique for predicting properties of composite materials /mod. no. 2/ Third quarterly progress report, 1 Jan. - 1 Apr. 1965	1965
19660072712	A model potential for atomic excited state one electron orbitals /revised/ Technical report no. 6	1965
19660072716	Results of the 1965 flight-deck data collection on height keeping over the North Atlantic	1965
19660072718	University of Michigan solar X-ray experiment Test reports	1965
19660072719	Safety documents - Gemini spacecraft operations, KSC fluid test complex	1965
19660072720	Combination Pump Valve Company hand valve, part number Q-3020, rev. A /also known as part number 380-5-P/ Test report	1965
19660072724	Applications Technology Satellite Monthly progress report no. 6, 1-31 Jan. 1965	1965
19660072728	Physiological studies on Mt. Everest climbers Final report	1965
19660072729	An experimental investigation of the instability of an incompressible, separated shear layer	1965
19660072732	Sterer Engineering and Manufacturing Company solenoid valve, manufacturer's part number 11420-1, NASA part number 75m08842-rev. B Test report	1965
19660072733	Study of the non-Newtonian fluids Fourth quarterly status report, period ending 26 Jun. 1965	1965
19660072736	The rapid, continuous measurement of sulphur dioxide in the flue gas from a copper converter	1965
19660072745	Meteorological proceedings. Volume 58, issue 1 - Daily and monthly Northern Hemisphere 10-millibar synoptic weather maps of the year 1965. Part I - January-March Quarterly technical status report	1965
19660072746	Structural correlation of theoretical response with measured response for rocket-sled mounted sweptback wing exposed to blast at high subsonic speeds	1965
19660072747	Resonance effects for satellites with nominally constant ground track	1965
19660072755	A modified Fock function	1965
19660072756	Meteorological rocket network firings. Volume XLIV - April 1965 firings Data report	1965
19660072757	Physical chemistry of tetrakis/dimethylamino/ ethylene. II. Photoluminescence - Spectra, quantum yield and quenching Summary report, Dec. 1963 - Jun. 1965	1965
19660072760	Group velocity and power flow relations for surface waves in plane-stratified anisotropic media	1965
19660072761	Design and compensating techniques investigation for high temperature operation of p-silicon pressure transducer Final report, 15 Jul. 1964 - 29 Mar. 1965	1965
19660072762	Development of tough, high strength alpha beta titanium-base alloys at 240,000-260,000 psi yield strength level Quarterly progress report no. 11, Dec. 26, 1964 - Mar. 25, 1965	1965
19660072763	A digital computer method for drag force determination of re-entry bodies	1965
19660072764	Aerodynamic performance analysis, LV-3C/Centaur program	1965
19660072766	Report on experiments for colour proving of maps with Ektacolor paper	1965
19660072767	Compatible semiconductor thin film techniques Quarterly report, 1 Aug. - 31 Oct. 1965	1965
19660072769	Experimental study of the effect of a gap clearance on the performance of a fully cavitating flat plate with and without a flap Final report	1965
19660072770	Fire-resistant thermoplastics	1965
19660072772	Electronic control of laser beams Second quarterly technical summary report, 27 Aug. - 27 Nov. 1965	1965
19660072775	Catalogue of data reduction film reading equipment	1965
19660072777	Digital data processing system for a satellite vehicle	1965
19660072782	Avalanche pumped semiconductor laser Interim engineering report, Jul. - Dec. 1965	1965
19660072783	An analytical study to determine cost effectiveness of retrorocket propulsion systems, volume I Final report, Aug. 1964 - Feb. 1965	1965
19660072788	Satellite communications scheduling techniques study Semiannual progress report, Jul. 1 - Dec. 31, 1965	1965
19660072793	Incompressible jet mixing in converging- diverging axisymmetric ducts	1965
19660072795	Spatial distribution and time decay of the intensities of geomagnetically trapped electrons from the high altitude nuclear burst of July 1962 Progress report	1965
19660072800	Data logger for an infrasonic correlator	1965
19660072802	Design of high-pressure sections for light-gas guns	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072806	Estimation of pulmonary blood flow with an electrical impedance plethysmograph, 1 February 1964 - 1 July 1965	1965
19660072807	Flat cables for lightweight interconnections	1965
19660072809	Problems of high-frequency precision measurements	1965
19660072811	Research and investigation of gallium arsenide-indium arsenide alloy systems Fifth interim engineering report, 1 Aug. - 31 Oct. 1965	1965
19660072812	Emission characteristics monitor /microwave region/ Fifth quarterly progress report, 1 Jul. - 1 Oct. 1965	1965
19660072814	Metals and Controls, Inc. toggle switch, part no. 2LS2-1 Test report	1965
19660072815	Direct measurement of compressible, turbulent boundary layer skin friction on a porous flat plate with mass injection Final report	1965
19660072816	Gravity gradient stabilization system for the applications technology satellite Eighth monthly interface report, 1-28 Feb. 1965	1965
19660072838	Study of low acceleration space transportation systems	1965
19660072839	Compact VHF Aircraft Antenna Semiannual report, Feb. 23 - Sep. 30, 1965	1965
19660072841	James P. Marsh Corporation pressure gage, Part Number 210-3S-SFMH, NASA Part Number B75M05169-15	1965
19660072843	Gravity gradient stabilization system for the applications technology satellite Ninth monthly interface report, 1 - 31 Mar. 1965	1965
19660072845	Method of preparing organic substances of electric semi-conduction type	1965
19660072850	Infrared Thermistor Bolometer Program Final Technical Report, Jul. 1, 1964 - Sep. 30, 1965	1965
19660072852	Operation Snow Ball - Project 3.1, crater measurements and earth media determinations Interim report	1965
19660072853	Optical beam scanning cell investigations Quarterly status report no. 3, Aug. 19 - Nov. 19, 1965	1965
19660072857	Research and development programs Quarterly report, Jul. - Sep. 1965	1965
19660072858	Development, evaluation and application of high temperature indicating paints for ASSET ASV-4	1965
19660072861	A signal detection technique for infrared systems	1965
19660072863	The shrouded propeller under a variable load	1965
19660072873	Further studies of atmospheric errors in microwave azimuth measurements	1965
19660072877	Application of matrix methods to the structural analysis of nuclear rocket nozzles	1965
19660072878	Centralization/decentralization of computer facilities	1965
19660072879	Evaluation of high strength tungsten-base alloys Summary technical report, 1 Jul. 1963 - 30 Sep. 1965	1965
19660072883	The development of resistance jet thruster systems Summary report, 26 Jun. 1964 - 26 Mar. 1965	1965
19660072887	RAT SCAT cross section measurements of the Telstar vehicle	1965
19660072888	RAT SCAT cross section measurements of the Trailblazer I model IH and model IM	1965
19660072889	RAT SCAT cross section measurements of the Agena A vehicle	1965
19660072890	Modeling the growth of reliability Final report	1965
19660072893	Studies of atmospheres and structures and variability of earth's atmosphere Quarterly progress report, 20 Mar. - 30 Jun. 1965	1965
19660072896	Simulation of space environment First quarterly progress report, 15 Sep. - 15 Dec. 1965	1965
19660072897	Rf spectrum utilization measurement - Test procedures for amplitude modulated receivers	1965
19660072901	Army formation flight study Final report, 1 Jul. 1964 - 26 Feb. 1965	1965
19660072903	Quantum defect theory III - Electron scattering by He plus	1965
19660072905	The dependence of military operations on the weather, future tasks of meteorology, new Soviet rocket launchers, the new optical construction element	1965
19660072906	Introduction to cybernetics	1965
19660072916	Rf spectrum utilization measurement - Test procedures for frequency modulation receivers	1965
19660072968	Process development for precision titanium forgings Interim engineering progress report, 1 Sep. - 30 Nov. 1965	1965
19660072971	Reciprocal phase shifters for inertialess scanning Quarterly progress report, 15 Jul. - 15 Oct. 1965	1965
19660072973	Rigidization techniques for integrally woven composite constructions Technical report, Jul. 1964 - Sep. 1965	1965
19660072974	Experimental determination of transonic and supersonic pressure distribution and mass flow accommodation for ribbon parachutes during inflation. Volume I - The 27 percent geometric porosity Hemisflo ribbon parachute Technical porosity, 15 Apr. 1963 - 15 Apr. 1965	1965
19660072978	Description and analysis of prototype of a portable hydrogen fire detector Technical report, Jan. 1963 - Jan. 1965	1965
19660072979	Aerodynamic characteristics of the supersonic guide surface and the spiked ribbon parachutes Final report, 15 Apr. 1963 - 15 Apr. 1965	1965
19660072980	Solvent extraction study of metal fluoroacetylacetates Annual scientific report, 10 Sep. 1964 - 9 Sep. 1965	1965
19660072982	The experimental verification of self-focusing in intense, relativistic, electron beams	1965
19660072983	Computer programs for assessing required mission sizes and damage to ground targets in tactical air current operations planning	1965
19660072984	Computerized ground target analysis in tactical air current operations planning Technical report, Dec. 1964 - Oct. 1965	1965
19660072986	High temperature protective coatings for graphite Annual technical report, 1 Jun. 1964 - 31 May 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072991	Effects of moderate, repeated cold exposure on hands	1965
19660073000	Development of nondestructive testing methods for the evaluation of thin and ultrathin sheet materials Technical report, 16 Jun. 1964 - 15 May 1965	1965
19660073002	Effective porosity of ribbon grids Technical report, 15 Apr. 1963 - 15 Apr. 1965	1965
19660073007	Nonlinear equations for circuits containing exploding wires	1965
19660073010	Closed cycle systems thermodynamic analysis, performance prediction	1965
19660073012	Molecular electronics for radar applications, phase II First interim report, 1 Oct. - 30 Nov. 1965	1965
19660073013	Pulse activated decoder for radar beacons /radar beacons model 7 and model TS7F/	1965
19660073014	Brain and Nerve Proteins - Functional Correlates /Summary of NRP Work Session/. Role of Protein in Neural Function /Essay/	1965
19660073020	High power X-band generator Quarterly report no. 11, 1 Apr. - 30 Jun. 1965	1965
19660073031	On reciprocity in general linear viscoelasticity	1965
19660073032	A Spectroscopic Study of the Early Helium Afterglow Final Report	1965
19660073033	Development of High Strength, Brazed Aluminum, Honeycomb Sandwich Composites Adaptable for Both Elevated and Cryogenic Temperature Applications Sixth Quarterly Report, Oct. - Dec. 1964	1965
19660073034	Development of an Analytical Technique for Predicting Properties of Composite Materials Second Quarterly Progress Report, 1 Oct. 1964 - 1 Jan. 1965	1965
19660073040	Data processing environment for experimental investigation of command and control system requirements	1965
19660073043	Liquid-vapor phase equilibria of the neon-normal hydrogen system Technical report, Oct. 1964 - Jul. 1965	1965
19660073044	Role of cobalt in the strengthening mechanisms in the AFC-77 steel Summary report, 1 Feb. 1964 - 1 Feb. 1965	1965
19660073046	Thermoelectric and thermomagnetic cooling - A literature survey	1965
19660073069	Thermal protection system for the SV-5 /PRIME/ ablative lifting reentry vehicle /U/	1965
19660073071	Aerodynamic stability characteristics of several supersonic, air-breathing missile configurations. Phase III - Effects of canted noses and a simulated engine inlet /U/ Test report, Dec. 1964 - Jan. 1965	1965
19660073100	Northeastern States Navy Research and Development Clinic Symposium on High Speed Propulsion /U/	1965
19660073101	Status and future trends in high speed chemical propulsion /U/	1965
19660073102	Combustion phenomena in liquid rockets	1965
19660073103	Problems of unstable burning of solid propellant rocket motors	1965
19660073104	Air injection and combustion in thrust augmentation /U/	1965
19660073105	Combustion processes in hybrid rockets /U/	1965
19660073106	The hypersonic ramjet /U/	1965
19660073107	Classified papers, AIAA Meeting, Washington, D. C., February 1-3, 1965 /U/	1965
19660073108	Design considerations of high thrust-to-weight solid propellant motors for interceptor missiles /U/	1965
19660073109	High-acceleration solid propellant booster research /U/	1965
19660073110	Studies on the mechanism of combustion of high burning rate composite-modified double-base propellants /U/	1965
19660073111	Process development and production scale-up of a fast-burning nitroplastisol propellant for advanced booster requirements /U/	1965
19660073112	Solid propellant burning rate acceleration by dispersed bi-metal fibers /U/	1965
19660073113	The effect of acceleration on the burning rates of selected propellants /U/	1965
19660073114	A method to utilize very high expansion ratio nozzles to maximize solid propellant rocket high altitude performance /U/	1965
19660073115	Sterilized solid rocket motors for Mars landing missions /U/	1965
19660073116	Spherical solid retrograde motor for Gemini capsule system /U/	1965
19660073117	Aerospace applications of secondary solid propellant propulsion /U/	1965
19660073118	Vehicle influence on large solid motor design /U/	1965
19660073119	Extinguishability of solid propellants /U/	1965
19660073120	The pulse motor /U/	1965
19660073121	Hydrodynamic factors influencing the combustion of hybrid propulsion systems /U/	1965
19660073122	Regression rate mechanisms of metalized hybrid fuel systems /U/	1965
19660073123	Gemini/titan II Launch Vehicle GLV-4/GT-4/ FLIGHT Safety Review Briefing at ETR (U)	1965
19660073124	Parametric Study of Logistics-type Entry Vehicles. Volume II - Mission Survey and Requirements /U/	1965
19660073125	Parametric Study of Logistics-type Entry Vehicles. Volume IV - Thermodynamics /U/	1965
19660073126	Survey of developments in gun propulsion /U/ Technical report no. 161	1965
19660073130	Microchannel fabrication and evaluation system /U/ First quarterly report, 10 Jun. - 10 Sep. 1965	1965
19660073131	Development of an image-inverter microchannel image intensifier tube /U/ Interim technical report, 20 Jun. - 31 Oct. 1965	1965
19660073144	Radar array antenna /U/ First quarterly report, 15 Sep. - 15 Dec. 1965	1965
19660073145	Perform studies toward development of 18mm microstatic tube /U/ Interim technical report, 17 May - 17 Oct. 1965	1965
19660073147	Semiannual technical documentary report, 16 October 1964 - 15 April 1965 /U/	1965
19660073150	Investigation of a high-energy monopropellant /U/ Quarterly summary progress report, 8 Sep. - 7 Dec. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073154	Formulation and evaluation of liquid propellant dispersions /U/ Quarterly technical progress report no. 5, 1 Jun. - 31 Aug. 1965	1965
19660073156	Desensitization of available high-energy NF compounds /U/ Quarterly report, Oct. - Dec. 1965	1965
19660073158	Submarine system integration progress brochure, 1963 - 1964 /U/ Annual report	1965
19660073160	Research on light metal fuels and oxidizer chemistry. Part I - Light metal fuels /U/ Annual technical summary report no. 2	1965
19660073163	Research and development of semiconductor devices exhibiting injection electroluminescence as infrared radiation sources /U/ Final technical report, part I, 13 Feb. 1963 - 30 Apr. 1965	1965
19660073165	Microchannel plate fabrication techniques /U/ First interim technical report, 24 May - 31 Aug. 1965	1965
19660073169	Reliability demonstration using overstress testing Special technical report no. 21	1965
19660073172	Recovery of boosters at sea. Part I - Hydrodynamic impact and depth of submergence	1965
19660073173	Reusable Orbital Transport - Horizontal launch pullup maneuver and /T/W/II OPTIMIZATION	1965
19660073174	TIG spot welding development for 2219 aluminum bracket attachment on Saturn S-IC STRUCTURES	1965
19660073176	Temperature measurements - 2219 TIG spot welds	1965
19660073177	Recoverable launch vehicle thermal design with consideration of arbitrary wall temperature Final report	1965
19660073178	Narrow groove weld development program	1965
19660073179	Thermal property tests - S-IC heat shield	1965
19660073180	Orbital aerodynamic estimates for orbit lifetime	1965
19660073183	Metallurgical examination of burst tested Saturn subscale tanks, SK 60B24051	1965
19660073185	LOX tank cryogenic properties - Test program results	1965
19660073186	Metallurgical analysis of 60B51406 duct failure	1965
19660073187	Absorption and transmission of electromagnetic waves. Phase A - Electromagnetic energy absorption. Characteristics of magnetic materials Annual scientific report, 15 Feb. 1964 - 14 Oct. 1965	1965
19660073188	Absorption and transmission of electromagnetic waves. Phase B - The permeability of absorber ferrites, measured at the artificial ferromagnetic resonance Annual scientific report, 15 Feb. 1964 - 14 Oct. 1965	1965
19660073189	Absorption and transmission of electromagnetic waves. Phase C - Electric and magnetic properties of absorber materials in the frequency range from 3.109 to 2.1010 c/s Annual scientific report, 15 Feb. 1964 - 14 Oct. 1965	1965
19660073190	Absorption and transmission of electromagnetic waves. Phase D - Investigation of electromagnetic energy absorption mechanism in the mm-wavelength range Annual scientific report, 15 Feb. 1964 - 14 Oct. 1965	1965
19660073191	Absorption and transmission of electromagnetic waves. Phase E - Critical treatment and comparison of different arrangements for reflection measurements on absorbers Annual scientific report	1965
19660073194	Advanced technology studies under production support program. Volume one - Optimized binder for high-performance solid propellants, part two	1965
19660073197	Advanced technology studies under production support program. Volume one - Optimized binder for high-performance solid propellants, part one	1965
19660073205	Pulse compression tubes First quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660073206	Columbium radiation cooled engine evaluation at simulated altitude	1965
19660073227	Observed phase-front distortion in simulated earth-to-space microwave transmissions	1965
19660073229	Research on class of non-linear optimization problems Final report, Sep. 29, 1962 - Oct. 31, 1965	1965
19660073234	Titan III standard space vehicle performance	1965
19660073236	A diffusion transfer processing technique for photographic film Final technical report, Feb. 1964 - Sep. 1965	1965
19660073246	Microwave Device and Physical Electronics Laboratory consolidated quarterly report, July 1 - September 30, 1965	1965
19660073254	Gravity gradient stabilization system for the applications technology satellite Fifteenth monthly interface report, 1-30 Sep. 1965	1965
19660073255	Methods of calculation of frequencies of partially fixed beams /with unequal partial end fixities/, carrying masses	1965
19660073258	Low-voltage arc studies Tenth quarterly progress report, Sep. 1 - Dec. 1, 1965	1965
19660073267	Electronography Second annual report	1965
19660073268	Fast rise time magnetrons Second annual report	1965
19660073269	Bi-colour C.R.T. display Second annual report	1965
19660073271	High energy rate densification and forming of metal powders Interim progress report, 1 Jun. - 1 Sep. 1965	1965
19660073272	Study of high power transmitting tubes above X-band Final report, 19 Jun. 1964 - 31 Jul. 1965	1965
19660073273	Inorganic dielectrics research Progress report, 15 Aug. - 15 Nov. 1965	1965
19660073276	A method for predicting the air blast parameters from liquid propellant rocket explosions	1965
19660073277	A preliminary investigation of corona discharge phenomena	1965
19660073278	Studies of the effects of gamma irradiation of laser crystals Final report, 1 Aug. 1964 - 1 Sep. 1965	1965
19660073280	Automatic alternate routing study Fifth quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660073281	OIL - A continuous two-dimensional eulerian hydrodynamic code	1965
19660073282	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at -423 deg F /-253 deg C/ Annual report, 29 Jun. 1964 - 28 Jun. 1965	1965
19660073286	Design, development, testing and fabrication of a thermoelectric cryogenic sensor First quarterly report, 28 Jun. - 28 Sep. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073288	AN/GRC-108 radio teletypewriter set engineering test/user model Final report	1965
19660073290	Telomerization and new synthetic materials	1965
19660073292	State-of-the-art survey of metallic bellows and diaphragms for aerospace applications Interim report, 1 Mar. - 31 Jul. 1965	1965
19660073293	Collection and analysis of micrometeorites Semiannual status report, 1 Jun. - 1 Dec. 1965	1965
19660073294	Honeycomb cylinder analysis	1965
19660073295	Organometallic chemistry of fluoroaromatic compounds. Part I - Reactions of organometallics with fluoroaromatic compounds	1965
19660073298	Semi-rigid or non-rigid structures for re-entry applications Interim engineering progress report no. 11, 16 Sep. - 15 Dec. 1965	1965
19660073299	Metallurgical analysis of fuel duct support link assembly failure - 6019734-1	1965
19660073301	Visible and ultraviolet radiation emitted from metals by the action of electrons. Radiation from bulk metal specimens	1965
19660073302	Very high resolution techniques Thirteenth quarterly report, 15 Jun. - 15 Sep. 1965	1965
19660073307	Advanced automatic flight control system study Second quarterly progress report, 1 Jun. - 1 Nov. 1965	1965
19660073308	Viscoelastic flow past a wedge with a soluble coating	1965
19660073309	Dynamic stability of structures Technical report no. 17	1965
19660073312	Some aspects of the ionization and evolution of hydrogen on platinum electrodes in acid solution	1965
19660073315	Development of a pure fluid missile control system Supporting research summary report, FY-65	1965
19660073318	Manufacturing methods, processes and development for cesium beam frequency standards Interim engineering progress report, 9 Sep. - 9 Dec. 1965	1965
19660073321	Pyrolyzed plastic composites Technical documentary report, 1 Feb. 1964 - 31 Jan. 1965	1965
19660073323	Investigation of the requirements for combined environment testing of Air Force material, volume I Final report, Mar. 1964 - Jun. 1965	1965
19660073330	Transistor, VHF, silicon, power, linear, 30-MHz, 100 watts PEP Quarterly progress report, 1 Sep. - 30 Nov. 1965	1965
19660073332	Development of aluminum-base alloys, section II Final report, Sep. 29, 1961 - Sep. 30, 1965	1965
19660073343	Thin-film polycrystalline field-effect triode Quarterly report, 1 Jul. - 30 Sep. 1965	1965
19660073346	Production, isolation and identification of the FO., FO2., and FO3. Radicals, part I Final summary report, Oct. 1, 1963 - Nov. 30, 1965	1965
19660073347	Liquid filled gyroscope - The effect of Reynolds number on resonance	1965
19660073348	Production engineering measure on 2N3375 silicon overlay transistor Fourth quarterly progress report, 1 Oct. - 31 Dec. 1965	1965
19660073354	High voltage breakdown study Fourth quarterly progress report, 16 Aug. - 15 Nov. 1965	1965
19660073367	A summary of current research in the Microwave Research Institute programs Progress report no. 28, 1 Apr. - 30 Sep. 1965	1965
19660073373	Saturn V mission profile and reliability summary Letter report no. 22, revision 2	1965
19660073374	Burst test evaluation of GTA spot weld repairs in 2219-T87 Final report	1965
19660073375	Fatigue testing of GTA spot welds in 2219 aluminum alloy Final report	1965
19660073384	Constant current element First progress report, 1 Apr. - 30 Sep. 1965	1965
19660073385	The detection of signals in noise Progress report, Sep. 1964 - Sep. 1965	1965
19660073386	Investigation of the requirements for combined environment testing of Air Force material - Volume II, /appendixes/ Final report, Mar. 1964 - Jun. 1965	1965
19660073389	Aerodynamic characteristics of storable wings on reentry vehicles /U/ Final technical summary report	1965
19660073391	F-1 Engine System /U/ Bimonthly Progress Letter, 1 Aug. - 30 Sep. 1965	1965
19660073392	Continuous-wave side-looking airborne radar study /U/ Final interim report, 15 Apr. 1964 - 15 Apr. 1965	1965
19660073393	Propulsion Laboratory /U/ Technical status report, Apr. - Jun. 1965	1965
19660073396	Chamber gas secondary injection thrust vector control for high performance solid rocket motors /U/ Second quarterly progress report, 28 Jul. - 27 Oct. 1965	1965
19660073397	High energy propellant ingredient research /U/ Technical report, 1 Sep. - 30 Nov. 1965	1965
19660073398	Incidents reflecting the sensitivity of new materials /U/	1965
19660073401	Advanced research on solid rocket propellants /U/ Quarterly progress report, no. 3, 1 Jul. - 30 Sep. 1965	1965
19660073403	Parametric Study of Logistics-type Entry Vehicles. Volume V - Booster Compatibility /U/ Final Summary Report, Oct. 1964 - Jul. 1965	1965
19660073404	An integrated research effort on high-energy hybrid propellants /U/ Final technical documentary report	1965
19660073405	LEM Utilization Study for Apollo Extension System Missions, Volume II (U) Final Report	1965
19660073406	Third stage Minuteman production support program, volume II Quarterly technical progress report no. 3, 1 Aug. - 31 Oct. 1965	1965
19660073407	Exact Solution of a Thermal Stress Problem Using Double Fourier Series	1965
19660073408	Echelon control module facility, shelters and transporters for mobile wing reconnaissance technical squadron Technical report, Jun. 29, 1963 - Feb. 1965	1965
19660073409	Study of pressure losses in tubing and fittings Quarterly progress report no. 3	1965
19660073410	Synthesis and Evaluation of New High Temperature Polymers for Coating Applications Quarterly Progress Report No. 2, 1 Oct. - 31 Dec. 1964	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073411	Development of ultrahigh strength, low density aluminum plate composites Sixth quarterly report /progress report no. 18/, Oct. 1 - Dec. 31, 1964	1965
19660073413	Development of improved semi-organic structural adhesives for elevated temperature applications Quarterly report no. 2, 1 Oct. - 31 Dec. 1964	1965
19660073414	Development of improved semi-organic structural adhesives for elevated temperature applications Quarterly report no. 3, 1 Jan. - 31 Mar. 1965	1965
19660073415	Synthesis and evaluation of new high temperature polymers for coating applications Quarterly progress report no. 3, 1 Jan. - 31 Mar. 1965	1965
19660073417	Shock effects in solids	1965
19660073418	Report of the ad hoc Committee on Composites	1965
19660073422	Launch vehicle cost parameters study Progress report, Oct. 1964 - Jan. 1965	1965
19660073423	The dispersion characteristics of longitudinal plasma oscillations near cyclotron harmonics	1965
19660073425	Hydrogen-oxygen Reaction Studies Second Quarterly Progress Report	1965
19660073426	Manufacturing methods for phase shifters Interim engineering progress report, 1 May - 31 Jul. 1965	1965
19660073427	Composite ceramic radome manufacture by mosaic techniques Final report, 1 Nov. 1962 - 5 Jan. 1966	1965
19660073430	Heating in regions of interfering flow fields, part I. Two- and three-dimensional laminar interactions at Mach 8 Technical documentary report, Jan. 1964 - Jul. 1965	1965
19660073433	Structural mechanics of submarines. Part II - Derivation of formulas for calculation	1965
19660073434	Preliminary flight test data - UH-1 COMPOUND research helicopter flight test program Interim report, 25 Jul. 1964 - 7 Apr. 1965	1965
19660073438	Gravity gradient stabilization system for the applications technology satellite Twelfth monthly interface report, 1-30 Jun. 1965	1965
19660073439	Gravity gradient stabilization system for the applications technology satellite Eleventh monthly interface report, 1-31 May 1965	1965
19660073440	Gravity gradient stabilization system for the applications technology satellite Tenth monthly interface report, 1-30 Apr. 1965	1965
19660073445	Summary of existing information concerning the explosive potential of the hypergolic propellant combination N2O4/50 percent UDMH - 50 percent N2H4	1965
19660073446	Chlorination of low-pressure polyethylene	1965
19660073452	Ferris Wheel series. Flat Top I event. Close-in shock studies Project officers report, project 1.4	1965
19660073454	A procedure for reading and smoothing pressure-time data from H. E. and nuclear explosions	1965
19660073455	Development of a cryogenic propellant management system Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660073458	Dustwall meteoroid shielding	1965
19660073459	Rank electronic tubes Progress report no. 36, Jan. - Aug. 1965	1965
19660073461	Some aerodynamic properties of a low-velocity projectile with hemispherical nose and L/D OF 4.3	1965
19660073462	Investigation of large signal microwave effects in ferroelectric materials Eighth quarterly report, 1 Aug. - 31 Oct. 1965	1965
19660073468	Micromechanics - Comprehensive properties of fiber-reinforced composites Technical documentary report, 15 May 1964 - 15 Apr. 1965	1965
19660073474	Telemetry system functions and calibrations for Beacon Explorer satellite BE-C	1965
19660073478	Thermophysical and transport properties of liquid metals Third quarterly progress report, Sep. - Nov. 1965	1965
19660073479	Experimental study of additive drag of supersonic propulsion systems Second quarterly technical progress report, 1 Jul. - 1 Oct. 1965	1965
19660073483	The fabrication and characterization of Schottky barrier mixer diodes and integrated mixers for S-, X-, and Ku-band Quarterly report, 1 Aug. - 1 Nov. 1965	1965
19660073486	A steady-state method for studying the kinetics of thermal degradation in solid materials - Application to alpha-cellulose	1965
19660073492	Analysis of aerospace funding and employment, fiscal years 1956 to 1966	1965
19660073500	Asymmetric electronic transitions and photochemistry Final technical status report, 1 Nov. 1964 - 30 Nov. 1965	1965
19660073503	AN/GRC-108 maintainability study. Volume II - Maintainability task analyses Final report	1965
19660073504	Method for calculating the lift distribution of yawed wings at supersonic flow	1965
19660073506	Microwave rotary joints for X-, C-, and S-bands	1965
19660073508	Progress in flight path optimization within the atmosphere, 1965. Volume 1 - Research results	1965
19660073509	Progress in flight path optimization within the atmosphere, 1965. Volume 2 - Generalized segmented point performance program	1965
19660073510	Progress in flight path optimization within the atmosphere, 1965. Volume 3 - Airplane performance contour mapping program	1965
19660073511	Measurement of P and S sound velocities under pressure on laboratory models of the earth's mantle Final report, 16 Dec. 1963 - 15 Dec. 1965	1965
19660073517	Unmanned spacecraft general safety plan	1965
19660073519	Power conditioning for resistance jet thrusters. The development of resistance jet thruster systems	1965
19660073520	Glucose absorption Semiannual status report, 1 Dec. 1965 - May 1966	1965
19660073521	MSFC/LMSC satellite orbit decay and orbital lifetime program	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073528	Generation and transmission of hypersonic waves in ferromagnetic single crystals First annual report	1965
19660073530	Marotta Valve Company pressure regulator, manufacturer's part number 226774-1, NASA part number B75M08828, rev. A Test report	1965
19660073536	Report on the development of the Manned Orbital Research Laboratory /MORL/ system utilization potential. Task area I - Analysis of space related objectives, book 1	1965
19660073544	Process evaluation for large solid motor cases, internal roll-extruded, using HP 9-4 alloy Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660073546	Important V/STOL aircraft stability derivatives in hover and transition	1965
19660073547	An application of statistical decision theory to R-C network sensitivity	1965
19660073549	On the interaction between steel and the prime coat of paint	1965
19660073551	Literature survey on vaporizing and endothermic fuels for advanced engine application Special report	1965
19660073552	Solid state broadband optical detector Second quarterly report, 1 Aug. - 31 Oct. 1965	1965
19660073555	A uniqueness theorem for aging viscoelastic bodies Interim technical report	1965
19660073564	Limiting in travelling wave tubes Third annual report	1965
19660073566	The application of vibrational energy to the drawing of metallic materials Interim engineering progress report, 1 Sep. - 30 Nov. 1965	1965
19660073568	Survey of flight-load parameters of service aircraft Sixth summary report, Nov. 1959 - Dec. 1964	1965
19660073585	Development of precision non wire wound variable resistors Interim report	1965
19660073594	Boeing Model 946 Burner II Solid Rocket Upper Stage. Volume II - Launch Vehicle Characteristics and Performance Handbook /U/	1965
19660073597	F-1 Engine System (U) Bimonthly Progress Letter, 1 Oct. - 30 Nov. 1965	1965
19660073601	Supersonic combustion ramjet engine program /U/ Monthly letter progress report, Jan. 1965	1965
19660073607	Desensitization of available high-energy NF COMPOUNDS /U/ Quarterly report, 19 Jul. - 30 Sep. 1965	1965
19660073608	Hydroxyl terminated polybutadiene /U/	1965
19660073611	Investigation of large thrust per element injectors with conventional and two- dimensional thrust chambers utilizing liquid oxygen and liquid hydrogen propellants /U/ Phase I final report, Feb. 1962 - Feb. 1965	1965
19660073612	Dual-manifold injector advancement program /U/ First quarterly technical progress report, 1 Jun. - 31 Aug. 1965	1965
19660073613	Synthesis of high energy oxidizers /U/ Quarterly technical progress report no. 11, 1 Apr. - 30 Jun. 1965	1965
19660073614	Evaluation of a high-energy solid propellant /U/ First quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660073615	Lightweight surveillance antenna /U/ Final technical report, 18 Sep. 1964 - 30 Mar. 1965	1965
19660073616	High pressure chemistry of hydrogenous fuels /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660073617	SLV-1B, test codes D, E, H, and F /U/ Final summary report, 30 Mar. - 9 Jun. 1965	1965
19660073618	Engineering investigation and tests which further substantiate system feasibility and provide data relative to the development of a nuclear low altitude supersonic vehicle. Part II - Technical information. Volume 21 - Inlet analyses and tests. Supplement II - Technical description of an analytic method of determining shapes of inlet elliptical and near elliptical capture areas /U/	1965
19660073619	Demonstration of a multiple-ignition device for use with a restartable solid-propellant motor /U/ Quarterly progress report no. 1, 1 Jul. - 30 Sep. 1965	1965
19660073620	Inorganic halogen oxidizers /U/ Quarterly progress report, 29 May - 28 Aug. 1965	1965
19660073621	Dual-chamber controllable solid propellant rocket motor /U/ Eighth quarterly report, 10 Feb. - 10 Sep. 1965	1965
19660073622	Development of an elastomeric seal for omniaxial movable nozzles /lockseal/ /U/ Quarterly progress report no. 2, 5 May - 4 Aug. 1965	1965
19660073623	Feasibility demonstration for direct chamber bleed hot gas secondary injection thrust vector control /U/ Quarterly progress report no. 5, 1 Jun. - 31 Aug. 1965	1965
19660073624	Combustion of high energy solid propellants /U/ Quarterly progress report no. 2, 1 Jul. - 30 Sep. 1965	1965
19660073625	Optical range and range rate investigation /U/ Interim engineering report no. 7, 15 May - 15 Jul. 1965	1965
19660073651	A correlation of re-entry and laboratory base flow data /U/	1965
19660073655	RAT SCAT facility radar cross section measurements of the Sergeant vehicle /U/	1965
19660073660	RAT SCAT facility measurements of the expended Minuteman 3rd stage - Phase I /U/	1965
19660073661	Spiral-like reentry maneuvers as a penetration aid /U/ Technical report no. 576	1965
19660073666	Quantized frequency transmission simulation study /U/ Final report	1965
19660073670	Re-entry data report - WTR test no. 7772 /U/	1965
19660073683	Analysis and data interpretation related to the RVIP flight test program /U/ Final program summary report, 15 Apr. - 15 Oct. 1965	1965
19660073696	Impact failure of pressure vessels /U/	1965
19660073715	A non-destructive testing technique for monitoring solid propellant aging /U/ Final report, 7 Jul. 1964 - 15 Aug. 1965	1965
19660073716	Application of materials to advanced rocket nozzle and hot gas control systems /U/ Summary report, Jul. 1, 1963 - Oct. 1, 1964	1965
19660073718	Experimental evaluation of advanced liquid propellants /U/ Semiannual report no. 5, 1 Oct. 1964 - 1 Apr. 1965	1965
19660073719	Ablative thrust chamber study, volume II /U/ Final report, Jul. 1964 - May 1965	1965
19660073721	Combustor development for a liquid-fueled supersonic combustion ramjet missile /U/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073722	VA-855 klystron evaluation program /U/ Final report, May 1963 - Feb. 1965	1965
19660073723	Research on increased red sensitivity trialkaline photocathodes /U/ Quarterly progress report, 1 May - 31 Jul. 1965	1965
19660073726	ADLAT - Terrain avoidance techniques evaluation. Volume I - Control system studies /U/ Technical report, 15 May 1964 - 15 Jun. 1965	1965
19660073727	Oxidizer stability /U/ Final report, 15 Jun. 1964 - 14 Jun. 1965	1965
19660073728	Advanced thrust chamber assembly program /U/ Second quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19660073730	Research on magnetic materials for radar absorbers /U/ Final report, 1 Apr. 1964 - 30 Mar. 1965	1965
19660073731	High energy propellant combustion hazards particle size study, volume II /U/ Final report	1965
19660073732	High energy propellant combustion hazards particle size study, volume III /U/	1965
19660073733	Research on high energy oxidizers for advanced solid rocket propellants /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660073734	Oxidizer encapsulation /U/ Interim engineering progress report, 1 Jul. - 30 Sep. 1965	1965
19660073735	Beryllium erosion corrosion investigation for solid rocket nozzles /U/ First quarterly progress report, 1 Jun. - 30 Sep. 1965	1965
19660073737	Sensitivity studies on NF compounds /U/ Final technical summary report, 15 Jun. 1964 - 15 Jul. 1965	1965
19660073738	Propulsion Development Department review. Chapter 1 - Propulsion techniques, systems, and analysis /U/ Progress report, Jun. - Aug. 1965	1965
19660073739	Basic research in solid oxygen oxidizers /U/ Sixth quarterly report, 1 Jul. - 1 Oct. 1965	1965
19660073741	A determination of source power requirements for a particular photomultiplier tracking scheme /U/	1965
19660073742	Re-entry data report - Project FIRE /14 April 1964/, ETR number 225, Atlas missile 263D /U/	1965
19660073759	Precision radar investigation /U/ Quarterly report, 1 Sep. - 30 Oct. 1965	1965
19660073762	Polarization detection sensitivity studies /U/ Fifth quarterly report, 15 Jun. - 14 Sep. 1965	1965
19660073763	Advanced rocket engine - Storable /U/ Quarterly technical report, Jul. - Sep. 1965	1965
19660073765	Study of performance efficiency in entry design. Volume I - Analysis and experimental data /U/ Final report, Jun. 1963 - Feb. 1965	1965
19660073792	HAP research and solid propellant scale-up /U/ Quarterly technical summary report, 16 Jul. - 15 Oct. 1965	1965
19660073793	Evaluation of OPE, a new NF propellant ingredient /U/	1965
19660073794	Technological Development of Throttling a Hybrid Propulsion System, Volume I AND II (U) Fourth Quarterly Progress Report, 1 Jul. - 30 Sep. 1965	1965
19660073796	Feasibility study on high performance short duration power batteries /U/ Quarterly technical progress report, 15 Mar. - 15 Jun. 1964	1965
19660073802	Demonstration of an advanced solid propellant /U/ Quarterly progress report, 1 Aug. - 31 Oct. 1965	1965
19660073803	Theoretical and experimental characterization of a technique for extinguishment of solid propellant rocket motors /L/ /U/ Final report, 15 Jun. 1964 - 9 Jul. 1965	1965
19660073819	Chemiluminescent emissions observed in the stratosphere and mesosphere	1965
19660073822	Amplitron device assessment First annual report	1965
19660073823	An investigation of high eccentricity orbits about Mars	1965
19660073824	Complex-stress creep fracture of Nimonic 90 at 750 deg C	1965
19660073825	The design of air-bearing slideways	1965
19660073827	Emission and absorption studies in the infrared /1-40 microns/ Final report	1965
19660073828	Resolving power in the near infrared of the Fabry-Perot interferometer with gold and with silver coatings	1965
19660073829	Wavelength calibrations in the far infrared /30 to 1000 microns/	1965
19660073830	Wavelength calibrations in the infrared. IV - Use of a 1000-lines-per-inch Bausch and Lomb plane replica grating	1965
19660073831	Emission spectra excited in metal powder-oxygen flames	1965
19660073832	Rotational temperature of "cyanogen-nitrous oxide" flames as determined by infrared spectroscopy	1965
19660073833	Hot bands of CO at 4.7 microns measured to high J values	1965
19660073834	The /0,1/ and /1,2/ bands of the CN red system /A2 pi - X2 sigma/	1965
19660073835	Vibration-rotation bands of N 14 over 2 O16 at 4.5 mu	1965
19660073836	Analysis of nu2 of H2 Te	1965
19660073837	Amino wagging and inversion in methylamines. II - CH3ND2 and CD3NH2	1965
19660073838	Structural and shielding considerations in the design of hardened facilities	1965
19660073839	Investigation of the properties of seamless hastelloy C alloy tubing, Saturn V/S-IC	1965
19660073840	Investigation of skin panel stiffener cracks, Saturn V/S-IC	1965
19660073841	Ultrasonic evaluation of Y-ring to skin ring weld. "D" upper fuel bulkhead assembly, Saturn V/S-IC	1965
19660073843	Exploding foil techniques A bibliography	1965
19660073844	Materials report for "THERMO-LAG" T-500-111-H/C	1965
19660073845	Analysis and preliminary design of engineering experiments for manned earth-orbital missions. Part I - Space flight requirements for satellite recovery	1965
19660073857	Migration aptitudes in molecular rearrangements Final report, 1 Oct. 1962 - 30 Sep. 1965	1965
19660073858	On singular boundary value problems for the EPD equation	1965
19660073872	Unconventional laser absorption and excitation phenomena Interim technical report, 1 May - 1 Nov. 1965	1965
19660073878	Comparison of spray vs. dip application of fluorescent penetrant	1965
19660073886	Study in man rating of Saturn launch vehicles Final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073888	Research on improved high modulus, high strength filaments and composites thereof Annual technical report, 15 Sep. 1964 - 30 Jul. 1965	1965
19660073892	Some problems on the use of negative exponential curves in biology Technical report, Jul. - Dec. 1964	1965
19660073894	Note on the distribution of the maxima of a Gaussian random function between known zeros	1965
19660073903	Evaluation of the thermal and thermo- structural performance of customized "THERMO- LAG" T-500. Volume two - Thermo-structural investigations /Book 2/ Final report, 29 Jun. - 31 Dec. 1964	1965
19660073904	The influence of the initial velocity profile on magnetohydrodynamic flow development in the entrance region of a parallel plate channel	1965
19660073905	Slow wave transmission modes of an isotropic inhomogeneous cylindrical hot plasma	1965
19660073906	Gas turbine cycle calculations - Design-point performance of turbopropeller and turboshaft engines	1965
19660073907	Proceedings of the Tenth Conference on the Design of Experiments in Army Research Development and Testing	1965
19660073908	Development of the design of experiments over the past ten years	1965
19660073909	Applications of dimensional analysis to multiple regression analysis	1965
19660073910	The use of regression analysis for correcting for matrix effects in the X-ray fluorescence analysis of pyrotechnic compositions	1965
19660073911	Sampling for destructive or expensive testing	1965
19660073912	Procedures for finding total sample statistics from subsample statistics	1965
19660073913	System configuration problems and error separation problems	1965
19660073914	An experiment in making technical decisions using operations research and statistical methods	1965
19660073915	Explosive safety and reliability estimates from a limited size sample	1965
19660073916	Some results on the foundations of statistical decision theory	1965
19660073917	Fatigue-limit analyses and design of fatigue experiments	1965
19660073918	Error analysis problems in the estimation of spectra	1965
19660073919	Validation problems of an interference prediction model	1965
19660073920	The design of complex sensitivity experiments	1965
19660073921	Factors affecting sensitivity testing	1965
19660073922	A comparison of reconnaissance techniques for light observation helicopters and a ground scout platoon	1965
19660073923	A study of probability aspects of a simultaneous shock wave problem	1965
19660073924	A data collection procedure for assessing neuro-motor performance in the presence of missile wounds	1965
19660073925	Monte Carlo techniques to evaluate experimental design analysis	1965
19660073926	Dispersion of nonlinear susceptibility	1965
19660073947	Corrosion fatigue and stress corrosion cracking of an aluminum-5 percent magnesium-4 percent zinc alloy totally immersed in 3 percent NaCl and other corrodents	1965
19660073948	The corrosion of steel in contact with molybdenum disulphide	1965
19660073950	Phase stability of the bi-gain stage type of true I. F. logarithmic amplifier	1965
19660073952	Advanced Army aircraft instrumentation system Fourth technical progress report, 1 Jul. 1963 - 28 Feb. 1965	1965
19660073953	Acoustic-gravity waves in the atmosphere Technical report no. 110	1965
19660073956	The three-dimensional separation of a plane, incompressible, laminar boundary layer produced by a Rankine oval mounted normal to a flat plate	1965
19660073957	Description of Environmental Laboratory for combined environmental testing	1965
19660073958	Dynamic response, energy methods and test correlation of flight vehicle equipments, volume II Final report, 1 Jan. 1964 - 31 Mar. 1965	1965
19660073959	Frequency effects in the radar return from turbulent, weakly ionized missile wakes	1965
19660073962	An aircraft integrated data recording system using magnetic tape	1965
19660073963	An application of game theory to an offense- defense resource allocation problem	1965
19660073966	Modal splittings of the earth ionosphere cavity resonance Research report, Jan. - Jul. 1965	1965
19660073977	Meteorological rocket network firings. Volume XLVI - June 1965 firings Data report	1965
19660073982	Laser systems study. Part III - Effects of clouds Final report	1965
19660073987	Extensions to the Kalman filter theory Final report	1965
19660073988	Evaluation of the thermal and thermo- structural performance of customized "THERMO-LAG" T-500. Volume 2 - Thermo-structural investigations /Book 1 of 2/ Final report, 29 Jun. - 31 Dec. 1964	1965
19660073990	Telemetry On-line Monitoring, Compression, And Transmission system for the manned space flight network /TOMCAT/. Volume 6 - TOMCAT IV-40.8KB data transmission program	1965
19660073991	Telemetry On-line Monitoring, Compression, And Transmission system for the manned space flight network /TOMCAT/. Volume 4 - TOMCAT I operational program for early Gemini missions	1965
19660073992	Telemetry On-line Monitoring, Compression, And Transmission system for the manned space flight network /TOMCAT/. Volume 7 - TOMCAT III Cape Kennedy operational program for early Gemini missions	1965
19660073995	Extensions to the Kalman filter theory Interim progress report, Sep. 1964 - Feb. 1965	1965
19660073996	Hydrocarbon - Air fuel cells Semiannual technical summary report, 1 Jul. - 31 Dec. 1965	1965
19660073997	Investigation of phenylenethiazole and phenylene sulfide polymers for heat-resistant fibers Final report, 30 Nov. 1963 - 31 Dec. 1964	1965
19660073999	Coordinated high latitude experiments for the simulation of nuclear-burst effects on VLF systems Annual technical report no. 1	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074004	Nimbus handbook for experimenters /Nimbus B/	1965
19660074006	Fabrication and calibration of three tungsten-5 rhenium/tungsten-26 rhenium thermocouples Final report	1965
19660074008	Inverse Scattering and the Prediction of Scattered Fields	1965
19660074009	The Impulse Response of a Radar Target	1965
19660074010	The Inverse Problem of Electromagnetic Scattering by a Metallic Object	1965
19660074011	Edge Back-scattering and the Inverse Diffraction Problem	1965
19660074012	Mie inverse scattering for perfectly conducting surfaces of revolution	1965
19660074013	Radar Tests of Planetary Theories	1965
19660074014	Solution of Scattering Problems by Digital Computer Techniques	1965
19660074015	Source Distribution Techniques for the Solution of General Electromagnetic Scattering Problems	1965
19660074016	Polarization considerations for monostatic- bistatic equivalence	1965
19660074017	Polarization studies and scattering matrix applications	1965
19660074019	Status Report on Space Object Identification in Canada	1965
19660074020	A New Display for Radar Observations of a Satellite	1965
19660074021	Radar Imaging	1965
19660074022	Producing Radar Images of Rotating Space Objects	1965
19660074023	A Status Report on Atmospheric Density Models and Observations	1965
19660074025	Radar Partial Coherence Theory - An Introduction	1965
19660074028	Laser Reflections from the Beacon Explorer Satellites	1965
19660074029	Photoelectric Photometry - A Potential Source for Satellite Signatures	1965
19660074030	Sorption of hydrogen by glasses and ceramics, volume III Final report, 1 Feb. 1963 - 30 Jul. 1965	1965
19660074035	Army advanced AFCS study Second quarterly progress report, 1 Jun. - 31 Oct. 1965	1965
19660074037	Research in the field of liquid-metal- lubricated bearings Technical documentary report, 15 Jan. 1965 - 15 Jan. 1966	1965
19660074041	Structural test of the Aspen filament wound tank	1965
19660074043	Strength of glass as related to edge finish Final technical report	1965
19660074047	Applied research on efficiency improvement in O-type traveling-wave tubes Final engineering report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660074049	Linear poly/perfluoroalkylene/ triazines Final report, 14 Mar. 1964 - 14 Mar. 1965	1965
19660074052	Effects of cold exposure upon the action of therapeutic drugs	1965
19660074053	A comparison of three no-gimbal inertial systems by flight test on an IBM 7094 computer	1965
19660074054	Comparative performance of optical-radar detection techniques Technical report, Feb. - Apr. 1965	1965
19660074056	Grid sphere passive communications satellite performance tests of preliminary model Final report, Jun. 1964 - May 1965	1965
19660074059	Program ASTEC /Advanced Solar Turbo Electric Concept/. Part IV - Solar collector development support tasks. Volume I - Optical parameters affecting petal- type solar energy concentrators Final report Aug. - Dec. 1964	1965
19660074060	Program ASTEC /Advanced Solar Turbo Electric Concept/. Part IV - Solar collector development support tasks. Volume II - Test concept for geometrical accuracy testing of ASTEC solar collector and multi-petal assemblies, phase 1 study Final report, Mar. - Jun. 1965	1965
19660074064	X-ray propagation through the atmosphere	1965
19660074066	Problems with electrical connectors and insulated wire in the aerospace industry	1965
19660074067	High-pressure plasma arc facility for materials evaluation Final report, Jun. 1963 - Sep. 1964	1965
19660074068	X-band tube-and-cavity oscillator evaluation program Final report, 1 Dec. 1964 - 31 Aug. 1965	1965
19660074071	Solid state image intensifier panels Interim technical report, Jul. 1 - Dec. 31, 1965	1965
19660074081	Convective and radiative heat transfer to slab delta wing configurations at high angle- of-attack Final report, Apr. 1964 - Jan. 1965	1965
19660074082	Research on thin film tunnel cathodes, recombination cathodes, and similar cold cathodes Seventh quarterly progress report, 15 Sep. - 14 Dec. 1965	1965
19660074084	Force lines, positive gradient magnetic fields, and charged particle trajectories in a baseball machine Technical report, Apr. - Jun. 1965	1965
19660074088	Low-speed wind-tunnel investigation of a circular and a triangular rotor-wing model in the stopped-rotor mode Aero test report	1965
19660074092	Continuing study for Early Lunar Flare /ELF/. Volume I - Summary Final report	1965
19660074101	Research on ferrimagnetic limiters Annual report	1965
19660074102	Whiteout modification experiments using ground based studies	1965
19660074103	An examination of recognition and free recall as measures of acquisition and long-term retention	1965
19660074104	RP 7/17 - Life testing and reliability of semiconductor devices Annual report, Dec. 1964 - Nov. 1965	1965
19660074114	An application of integral geometry to automatic pattern recognition	1965
19660074120	Chemical reactions in high temperature systems Final report, Jan. 1 - Dec. 31, 1965	1965
19660074122	The design of a precision temperature controller	1965
19660074127	Fission-decay beta ionization in the D-region Research and development report, Jan. - Jul. 1965	1965
19660074129	A generic troposcatter multichannel data transmission system model	1965
19660074130	500 watt silicon power transistor Final report, 31 Jul. 1963 - 31 Dec. 1965	1965
19660074132	Kapton polyimide film. A thin wall high-temperature insulation for wire and cable	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074133	Multimode propagation communication system Third semiannual progress report, 1 Jul. - 31 Dec. 1965	1965
19660074135	New devices for measuring torque and shaft horsepower transmitted by marine engine shafts	1965
19660074136	Mechanisms subserving color coding in the vertebrate retina Final report, 11 Sep. 1964 - 10 Sep. 1965	1965
19660074139	Method of jointing plastic sheathed cables with electric heating wire	1965
19660074140	The effect of adsorbed anions on the potential decay of cathodically polarized steel in alkaline model electroplating solutions	1965
19660074141	HF communication effects - Ionospheric and mode-of-propagation measurements Final report	1965
19660074142	VIP experiment critique. A kinetic theory model for shock formation Final report no. 6	1965
19660074152	Research on high-temperature dielectric materials Summary technical report, 1 Nov. 1964 - 1 Nov. 1965	1965
19660074155	High power laser techniques Quarterly report no. 5, 1 Jul. - 30 Sep. 1965	1965
19660074159	Sorption of hydrogen by glasses and ceramics, volume II Final report, 1 Feb. 1963 - 30 Jul. 1965	1965
19660074164	A study of the interaction of coherent optical radiation with wind tunnel air turbulence	1965
19660074167	Evaluation of pressure distribution on a cavitating hydrofoil with flap	1965
19660074173	Resonant frequencies of thin-shell spheres and cylinders Research report, Jul. - Sep. 1965	1965
19660074174	Flammability of Spacecraft Wire in an Oxygen Atmosphere	1965
19660074175	Information in certain multidimensional acoustic signals	1965
19660074179	Characteristics affecting the operation of the UK 3 satellite battery	1965
19660074180	Exploratory flow measurements in the wing-body junction of a possible Mach four vehicle	1965
19660074182	The scattering spectrum of the atmosphere	1965
19660074187	Fort Belvoir incandescent lamp development Final technical report, 1 Jul. 1964 - 30 Jun. 1965	1965
19660074189	Grid-sphere passive-communications satellite Final report, Nov. 1964 - Oct. 1965	1965
19660074192	Flash protection device Final report, Jun. 1964 - Jul. 1965	1965
19660074198	Prevention of ingot cracking by hot topping Final technical report, 15 Jun. - 15 Dec. 1965	1965
19660074199	An evaluation of reliquefying the effluent gas from a slush-hydrogen-production system Technical report, Feb. - Jun. 1965	1965
19660074200	Experiments in human color vision Final progress report	1965
19660074201	Progress in flight path optimization within the atmosphere	1965
19660074203	Services Valve Test Laboratory quarterly report no. 197, October - December 1965	1965
19660074207	Study of noise in high power travelling wave tubes Annual report	1965
19660074209	Study of water soluble residue fluxes Quarterly report, 1 Sep. - 30 Nov. 1965	1965
19660074210	Superconducting high voltage delay line	1965
19660074212	Surface reflected energy received from a normally incident collimated beam of optical radiation	1965
19660074216	Electromagnetic scattering from material- covered metallic spheres	1965
19660074218	Evaluation of British alumina ceramics in valves Annual report	1965
19660074220	An investigation of electromagnetic energy coupling and shielding effects Final technical report, 14 Feb. 1964 - 1 Oct. 1965	1965
19660074224	Radio receiver R-903/XE-2/ /PRD FINAL report	1965
19660074237	Spatial frequency filtering	1965
19660074239	Investigation of growth of single crystal films on dielectric substrates	1965
19660074242	Design, development and fabrication of a prototype eight channel hydrogen gas concentration monitoring system Quarterly progress report, 31 Aug. - 30 Nov. 1965	1965
19660074246	The preparation of synthetic molybdenum disulfide and some of its properties	1965
19660074247	Miniature bail-out connector research and development project Final report, 15 Jan. 1963 - 30 Nov. 1965	1965
19660074248	Ultrasonic evaluation of Y-ring plate ends, Saturn V/S-IC	1965
19660074249	Design, development and fabrication of a prototype, eight channel hydrogen gas concentration monitoring system Quarterly progress report, 7 Jun. - 31 Aug. 1965	1965
19660074250	Theory and measurement of waveguide slots and slotted arrays	1965
19660074252	Wavelength dependence of sea echo Final report, 1 Apr. - 15 Jul. 1965	1965
19660074254	Chemistry of allenic compounds Final report, 1 Jan. 1962 - 31 Dec. 1965	1965
19660074255	Optimal time-domain synthesis by iterative methods	1965
19660074257	Humidity conditions over Africa during the IGY Scientific report no. 7	1965
19660074263	Development of hermetically sealed joints for hydraulic system component applications Final report, May 1964 - Jul. 1965	1965
19660074264	Diffusion from a continuous point source into the boundary layer downstream from a model hill	1965
19660074265	Diffusion of free, submerged, low velocity and vertically projected isothermal and heated turbulent air jets	1965
19660074267	Development of manufacturing processes and techniques for the compressed data storage system Final technical report, 1 Sep. 1964 - 20 Nov. 1965	1965
19660074270	Atmospheric measurements over Kwajalein using falling spheres Final technical report	1965
19660074273	Study of the Titan II in-commission rate model Technical report, Sep. - Dec. 1965	1965
19660074281	3-Dimensional Flux Line Trace /FLT-3D/ TECHNICAL report, Dec. 1964 - Apr. 1965	1965
19660074287	The influence of substrate hardness on the formation and endurance of molybdenum disulphide films	1965
19660074293	Studies of periodically quenched regenerative systems	1965
19660074297	Optimum quantizer system design	1965
19660074304	Polymerization studies leading to high strength chemical resistant elastomers seviceable at temperature extremes Semiannual report, 1 Jun. - 30 Nov. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074305	Reduction of permeability losses in encapsulated microsins	1965
19660074306	An instability of a beam-generated plasma in a uniform magnetic field Technical report, Jan. 1962 - Nov. 1965	1965
19660074307	Chemical agent warning and detection studies, volume I /U/ Final report, phase I and phase II, 4 Oct. 1963 - 12 Nov. 1965	1965
19660074322	Technical status report, October - December 1965 /U/	1965
19660074327	[No Title]	1965
19660074330	The RM 104 measurement of the background radiance of the earth /U/	1965
19660074331	Hybrid propulsion research program /U/ Final report, 1 Jul. 1962 - 30 Jun. 1965	1965
19660074350	Visual and ultraviolet acquisition techniques /U/ Interim engineering report, 15 Feb. - 15 Sep. 1965	1965
19660074361	Ground testing of a model integrated scramjet engine system /U/	1965
19660074363	A study of the aerodynamics of scramjet engine inlets /U/	1965
19660074367	Optical image design study /flat photocathode/ /U/ Interim technical report, 25 Jan. - 24 Apr. 1965	1965
19660074371	Microchannel image intensifier tube studies /U/ First interim technical progress report, 16 Mar. - 16 Sep. 1965	1965
19660074374	Research on multilayer single crystals /U/ Quarterly report	1965
19660074375	Research on multilayer single crystals /U/ Quarterly report	1965
19660074382	Optimization of structural components for hypersonic missiles /U/ Quarterly report no. 3, 1 Oct. - 31 Dec. 1964	1965
19660074384	Project Hawk R and D program. Volume II - Ground equipment /U/ Final report	1965
19660074387	Tests of a dual-chamber controllable, solid rocket motor at simulated altitude conditions in the high altitude facility for the Amcel Propulsion Company, a division of Celanese Corporation of America, volume I /U/	1965
19660074391	Chlorine trifluoride propulsion /U/	1965
19660074393	Water-shock wave reflection properties of various bottom materials. Report I - Reflection properties of clayey-silt bottom	1965
19660074395	Kinetics of the curing of polyurethane binders /U/	1965
19660074398	Evaluation of imagery screening procedures /U/ Final report, 1 Jun. 1964 - 31 Jul. 1965	1965
19660074401	Dual-manifold injector advancement program /U/ Second quarterly technical progress report, 1 Sep. - 30 Nov. 1965	1965
19660074404	Sustainer engine control system analysis /U/	1965
19660074406	Synthesis of LMH-2 /U/ Final report	1965
19660074409	Toroidal Systems Analysis Study (U) Informal Monthly Progress Report, Period Ending 31 Jul. 1965	1965
19660074411	Toroidal Systems Analysis /U/ Informal Quarterly Report, 1 Dec. 1964 - 28 Feb. 1965	1965
19660074419	Stability of LMH-2 in liquid carriers /U/ Quarterly progress report no. 2, Jun. - Aug. 1965	1965
19660074422	Exploratory evaluation of heterogeneous aluminum-hydrazine fuels with nitrogen tetroxide /U/ Technical report, Jan. 1964 - Apr. 1965	1965
19660074423	Toroidal Systems Analysis Study (U) Informal Quarterly Report, 1 Jul. - 31 Aug. 1965	1965
19660074424	Hypervelocity solid gun propellants /U/ Phase report no. 2, Mar. 1964 - Mar. 1965	1965
19660074427	Sidewinder 1-A propulsion unit type-life program /U/ Final report, Dec. 1959 - Aug. 1965	1965
19660074429	Dual-chamber controllable solid propellant rocket motor /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1965	1965
19660074432	Technical status report, July - September 1965 /U/	1965
19660074433	Development of an elastomeric seal for omniaxial movable nozzles /lockseal/ /U/ Progress report no. 3, 5 Aug. - 5 Nov. 1965	1965
19660074434	Investigation of fundamental phenomena in hybrid propulsion, volume II /U/ Final technical report	1965
19660074436	High chamber pressure rocketry program, book 1 of 2 /U/ Final technical report, 1 May 1962 - 15 Jun. 1965	1965
19660074441	Combustion instability in the DC-MAW SUSTAINER motor /U/	1965
19660074442	Dual grain systems for gas generator application /U/	1965
19660074446	Hybrid propulsion research program /U/ Final report, 1 Jul. 1962 - 30 Jun. 1965	1965
19660074447	Investigation of combustion and performance efficiencies of Beane-containing bipropellant systems /U/ Progress report, 1 Sep. - 30 Nov. 1965	1965
19660074449	Effects of gamma radiation on various chemical and biological systems /U/ Final report, Feb. 15, 1963 - Jul. 15, 1964	1965
19660074454	Slurry fuel performance studies /U/ Quarterly progress report no. 3, Aug. 1 - Oct. 31, 1965	1965
19660074456	Integrated components program. Volume III - Studies and investigations /U/ Final report, 16 Mar. 1963 - 6 May 1965	1965
19660074458	DC MAW tactical missile /U/	1965
19660074459	Fluid amplification symposium, volume V /U/	1965
19660074460	Digital vortex rate sensor /U/	1965
19660074461	Frequency response of a vortex rate sensor /U/	1965
19660074462	Fluid amplification control for exhaust jet deflection /U/	1965
19660074464	Energetic oxidizer manufacturing process for advanced solid propellants /U/ Interim engineering progress report, 16 Sep. - 15 Dec. 1965	1965
19660074466	High energy oxidizers in solution /U/ Quarterly report, Aug. 15 - Nov. 15, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074468	Mission Requirements of Lifting Systems - Operational Aspects (U) Midterm Oral Report	1965
19660074475	CX-6 V/STOL assault transport support system study. Volume VI - Program costs /U/ Final report, 15 Feb. - 15 Aug. 1965	1965
19660074478	A/C-4 Postflight Analysis Report	1965
19660074480	CX-6 V/STOL assault transport support system study. Volume II - Design. Section 1, part 2 - Configurations and air vehicle descriptions /U/ Final report	1965
19660074481	Simulated High Altitude Testing of Three Flightweight TE-364-5 Solid-propellant Retrograde Rocket Motors for the Surveyor Lunar Spacecraft Thermal Gradient Testing Motors S/N A22-2, A22-3, A22-4 /U/	1965
19660074482	Chamber Technology for Space-storable Propellants, Volume I (U) Interim Report	1965
19660074484	Polyurethane foam consumable cartridge cases /U/ Progress report no. 2	1965
19660074485	High-pressure research toward high-energy propellants /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660074492	Spectrometric evaluation of metal containing fuels Second quarterly technical report, 1 Sep. - 30 Nov. 1965	1965
19660074496	Low-flame temperature gas generator propellants program /U/ Semiannual report, 1 Apr. - 30 Sep. 1965	1965
19660074498	Evaluation of the Wenograd test /U/ Semiannual technical summary report, 1 May - 31 Oct. 1965	1965
19660074499	Advanced propellant synthesis /U/	1965
19660074500	Investigation and feasibility demonstration of a variable area throat nozzle system /U/ Quarterly progress report no. 2	1965
19660074501	Feasibility demonstration of pyrolytic graphite coated nozzles /U/ Final report, 2 Feb. 1964 - 4 Mar. 1965	1965
19660074503	Synthesis of inorganic oxidizers /U/ Quarterly progress report, 1 Sep. - 1 Dec. 1965	1965
19660074504	Chemistry research quarterly progress report, April - June 1965 /U/	1965
19660074505	Performance characteristics of a cryogenic tripropellant system /U/ Quarterly progress report no. 3, 1 Sep. - 30 Nov. 1965	1965
19660074506	Investigation of control surface instabilities of lifting body configurations /U/ Final report	1965
19660074507	Development and qualification of igniters for Sidewinder - Mk 264 Mod 0 and Mod 1 /U/	1965
19660074508	DC-MAW accuracy /U/	1965
19660074514	A critical review of the chemistry of advanced oxidizers, volume I /U/	1965
19660074515	The generation and penetration characteristics of high density shaped charge jets /U/	1965
19660074516	Oxidizer chemistry /U/	1965
19660074525	Advanced oxidizer research /U/ Final report, 1 Jan. - 31 Dec. 1965	1965
19660074528	Wind tunnel investigation of the LID PHENOMENON /U/	1965
19660074531	Evaluation of a high-energy solid propellant /U/ Second quarterly progress report, 1 Oct. - 31 Dec. 1965	1965
19660074532	Crystallographic studies on LMH-2 /U/ Final report, Jan. 1964 - Jun. 1965	1965
19660074536	Infrared camera tube development /U/ Interim report	1965
19660074537	Development of slurry fuels for low level systems /U/ Final report, Jun. 1964 - Jun. 1965	1965
19660074539	Microchannel plate fabrication techniques /U/ Second interim technical report, 1 Sep. - 30 Nov. 1965	1965
19660074541	A broad band crossed-field noise generator /U/ Report no. 3 /final/, 1 Jan. - 31 Oct. 1965	1965
19660074553	Nozzle throat and exit cone liner materials for large solid boosters /U/	1965
19660074555	High energy oxidizers in solution /U/ Quarterly technical progress report no. 10, 15 May - 15 Aug. 1965	1965
19660074557	Engineering properties of rocket propellants /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660074558	Hybrid flight demonstration program /U/ Quarterly technical summary report no. 1, 1 Jul. - 30 Sep. 1965	1965
19660074560	Research on advanced solid propellants /U/ Quarterly progress report, 11 Jun. - 10 Sep. 1965	1965
19660074561	Development of a high energy case bondable smokeless plastisol rocket propellant /U/	1965
19660074562	Progress report for June and July 1965 /U/	1965
19660074565	The hologram technique and potential applications. Appendix F - Signal film simulation /U/ Final report	1965
19660074571	Recovery of boosters at sea. Part II - Structural analysis for case 1 vertical nose entry	1965
19660074572	Advanced study on optical communications from deep space Final technical documentary report, 1 Oct. 1964 - 25 Oct. 1965	1965
19660074587	IRIA Annotated Bibliography of Infrared Literature, volume IX, number 2 /U/	1965
19660074588	25 millimeter microchannel inverter tube /U/ Interim technical progress report, 26 May - 26 Aug. 1965	1965
19660074589	Development of an 80mm image intensifier tube with motion compensation /U/ Quarterly report, 9 Jul. - 9 Oct. 1965	1965
19660074590	Synthesis of high energy oxidizers /U/ Technical quarterly progress report no. 12, 1 Jul. - 30 Sep. 1965	1965
19660074594	INFO-635P Meeting /U/	1965
19660074595	Summary comments on INFO-635P /U/	1965
19660074596	Aerojet experience with INFO 635P	1965
19660074597	Investigation of INFO 635P as a propellant ingredient /U/	1965
19660074598	Effect of Freon-113 on INFO-635	1965
19660074599	Formulation and evaluation of INFO-635	1965
19660074600	Stability, curing, and strand burning tests of INFO-635 /U/	1965
19660074601	The heat of formation of INFO-635 by combustion calorimetry /U/	1965
19660074602	Evaluation of INFO-635 /U/	1965
19660074603	Formulation and desensitization of INFO- 635 /U/	1965
19660074604	The formulation of new high energy storable propellants /U/ Third quarterly report, 15 Jun. - 14 Sep. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074607	Europa cable	1965
19660074609	Microbial deterioration of materials. Part A - Review of literature and experimental results Final report, 1 Jul. - 30 Nov. 1965	1965
19660074610	Mosaic radar study program Quarterly progress report, 1 Aug. - 31 Oct. 1965	1965
19660074611	Learning, retention and recovery of meaningful materials Final report, 1963 - 1965	1965
19660074614	Fuel contamination survey at Air Force bases Final report, 18 Jul. 1963 - 30 Sep. 1964	1965
19660074615	Array research Semiannual technical report, 15 May - 15 Nov. 1965	1965
19660074618	Aromatic polymers for thermally-stable fibers and films Technical report, Jul. 1, 1964 - Jun. 30, 1965	1965
19660074619	An application of transform methods to determine frequency characteristics of an integrated circuit Technical report, Aug. - Nov. 1964	1965
19660074625	The distribution of p-th law functionals of Gaussian processes. I - The case of noise alone	1965
19660074641	ASSET. Volume VI - Metallic materials selection Final report, Apr. 1961 - Dec. 1964	1965
19660074644	A general-purpose tester for electronic assemblies Research and development report, Mar. 1963 - Jun. 1965	1965
19660074649	Study of manned flying systems, volume II MID-TERM report	1965
19660074654	Study of pressure losses in tubing and fittings Quarterly progress report no. 5	1965
19660074664	A research project on mirror tubes using photoconductive targets Annual report	1965
19660074666	Discharge current limitations in thyratron grids Annual report no. 2	1965
19660074669	Supplement to transistorized building blocks for data instrumentation	1965
19660074670	Transient buffet loads on wings	1965
19660074672	The concept of acoustic impedance	1965
19660074673	Microwave plasma amplifiers. Electron beam - ion plasma interaction First annual report /Final/	1965
19660074675	Factorization of rational matrices for multiple dimensional stochastic processes	1965
19660074676	Far infrared quantum counting Final report	1965
19660074678	Ablative plastic characterization in solid propellant exhaust Summary report, 1 Jun. 1964 - 30 Jun. 1965	1965
19660074679	Continuum feedback control of instabilities on an infinite fluid interface	1965
19660074681	Lunar survey viewfinder. Volume II - Detailed analyses of preliminary systems criteria requirements and specifications Final report	1965
19660074687	HF communication effects - Phase-stable data reduction techniques and system test results Final report	1965
19660074688	High purity GaP Annual report solid state research	1965
19660074691	Design and development of integrated semiconductor circuits utilizing field-effect active devices Interim development report, 24 May - 24 Aug. 1965	1965
19660074692	Investigation of Asynchronous Time Multiplexing /ATM/ - Efficient multiplexing of multichannel data and extremely sampled speech sources Final report, Jul. 1, 1964 - Aug. 31, 1965	1965
19660074696	Research on high power windows Sixth annual progress report, period ending Nov. 1965	1965
19660074698	Research on varactor diodes for parametric amplifiers Annual report	1965
19660074700	Survey of the errors of pressure measuring instruments in relation to air traffic separation standards	1965
19660074705	The learning curve in the airframe industry	1965
19660074708	Optimum policies for partially observable Markov systems Technical report no. 18	1965
19660074711	Biological experiments in space. Psychocardiocirculatory reactions during conditions of weightlessness in an orbiting satellite Annual status report, 1 Jan. - 31 Dec. 1965	1965
19660074714	Physical and biochemical studies on the microsomes and ribosomes Final report, Oct. 1, 1964 - Sep. 30, 1965	1965
19660074723	Backward diode as a doppler mixer First annual report	1965
19660074730	System support studies under production support program, part 1 Final report	1965
19660074731	Gas turbine regenerators for marine environment First quarterly progress report, Jul. - Sep. 1965	1965
19660074732	Gas chromatographic retention data	1965
19660074733	ASSET. Volume VII - Nonmetallic materials selections Final report, Apr. 1961 - Dec. 1964	1965
19660074736	Ablative characterization of boron filament reinforced plastic composites. Part I - Preliminary screening in an air arc environment Final report, Sep. - Dec. 1964	1965
19660074738	Investigation of the metallising of beryllia ceramics Annual report	1965
19660074739	Oxide cathodes for hydrogen thyratrons Annual report	1965
19660074742	Sea surface forward scattering at low grazing angles Research and development report, Mar. - Jul. 1965	1965
19660074744	Q-band travelling wave maser Annual report	1965
19660074749	Development of die materials for hot extrusion of steel and refractory metals Second interim technical engineering report, Oct. 1 - Dec. 31, 1965	1965
19660074750	Dynamic instability of a deep spherical shell Interim technical report	1965
19660074751	Possible disturbances in pulmonary ventilation during exposure to high atmospheric pressure	1965
19660074754	Adaptive digital communications techniques Second quarterly progress report, 16 Sep. - 15 Dec. 1965	1965
19660074760	Aluminium arsenide	1965
19660074761	Wind and temperature in the atmosphere between 30 and 80 km Quarterly technical report, 1 Jul. - 30 Sep. 1965	1965
19660074762	Are computers performing guard duty /Ques/	1965
19660074763	Certain remarks about tendencies in the development of rocket engines	1965
19660074764	Contribution to the proposition about membrane shock tubes	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074767	Effect of exercise and cold on cardiac output, blood lactate and blood pyruvate in warm and cold acclimated rats Final report, 1 Jun. 1963 - 30 Nov. 1965	1965
19660074772	Test program on durability of aircraft coatings Quarterly report	1965
19660074773	An analysis of compressible stagnation point flow with blowing	1965
19660074777	Friedel-Crafts bonding resins prepared from diphenoxydiphenylsilane	1965
19660074780	Notch toughness of deposited metal in automatic arc welding Report no. 2	1965
19660074783	A Neliac compiler for the Control Data 924-A computer with 16K memory Research and development report, Mar. 1964 - Jun. 1965	1965
19660074787	Beryllium structures for flight vehicles Phase I report, 15 Jun. - 15 Sep. 1965	1965
19660074789	Inter-range program for control of radiological hazards	1965
19660074795	Accuracy of the geodetic and topographic positions in China	1965
19660074798	Telemetry calibration document, AEV-1	1965
19660074799	Flux-trapping model for r-f losses in superconductors	1965
19660074801	Research and development to obtain semiconductor mixer diodes for use in frequency converters Final technical documentary report, 21 Dec. 1964 - 20 Dec. 1965	1965
19660074802	Planning of flight test instrumentation for study of vehicle induced interference at supersonic speeds	1965
19660074809	The effect of discrimination training on generalization of conditioned suppression	1965
19660074810	Photocathodes for the near infra-red Third annual progress report, period ending Nov. 1965	1965
19660074812	Parametric converters in radio receiver front-end design Research report, Jan. 1964 - Jan. 1965	1965
19660074813	Parameter plane techniques for feedback control systems	1965
19660074815	Maser materials and techniques Annual report	1965
19660074816	Nucleation and crystallisation of vapour deposited silicon epitaxial layers First annual report	1965
19660074819	Security techniques for EDP of multilevel classified information Final report	1965
19660074820	Solid state diffusion bonded tantalum alloy honeycomb panels Interim engineering progress report, 1 Sep. - 30 Nov. 1965	1965
19660074823	A novel form of thermal barrier for communications cables	1965
19660074824	Study of helicon waves in solids Annual report	1965
19660074830	Sensitivity fundamentals /U/ Technical progress report /quarterly/ no. 65-4, Jun. 15 - Sep. 14, 1965	1965
19660074831	VA-899 superpower microwave amplifier development program /U/ Quarterly report no. 20, 1 Apr. - 30 Jun. 1965	1965
19660074833	Propulsion Development Department review, June - August 1965. Chapter 2 - Propellants, materials, and ignition /U/	1965
19660074842	Sea-surface acoustic reverberation theory /U/	1965
19660074847	A dual-mode rocket-ramjet propulsion system /U/ Second quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660074850	Production, isolation and identification of the FO, FO2 and FO3 radicals /U/ Final summary report part II, 1 Oct. 1964 - 30 Nov. 1965	1965
19660074859	Industrial preparedness measure - The pilot plant study of inert-diluent propellant processing methods /U/ Final report	1965
19660074861	Solid rocket technology review /U/	1965
19660074862	NASA-DOD solid rocket applications presentation, September, 1964 /U/	1965
19660074863	The influence of future missions on solid rocket technology /U/	1965
19660074864	Slurry fuel research program for advanced Navy applications /U/ Third quarterly technical progress report, 1 Jul. - 30 Sep. 1965	1965
19660074876	5.0-inch rocket motor mark 16 MOD 1 /ZUNI/ TYPE-LIFE program /U/ Final report, Mar. 1960 - Aug. 1964	1965
19660074877	Evaluation of LMH-1 in double-base solid propellant formulations /U/	1965
19660074887	Proceedings of the Third Quarterly DOD CONFERENCE /1964/ on High Power Laser Technology	1965
19660074888	Evaluation of the quality of laser crystals	1965
19660074889	Growth of Al2O3 and ruby single crystals from solution	1965
19660074890	Variation of optical path lengths in lasers	1965
19660074891	An investigation of the temperature dependence of laser oscillation threshold in ruby near room temperature	1965
19660074892	Threshold energies in ruby crystal in double-pulsed mode of operation	1965
19660074893	Modulation of the reflectivity of semiconductors	1965
19660074894	Pulsed laser instrumentation	1965
19660074895	A method for analyzing pulsed laser polarization	1965
19660074896	Design considerations for a spontaneous generator	1965
19660074897	Comments on the performance of laser communications systems	1965
19660074898	On the possibility of detecting Clear Air Turbulence /CAT/ with a laser radar	1965
19660074899	A light-scattering technique for the evaluation of laser crystals	1965
19660074900	Laser crystal synthesis utilizing double-clamshell thermal-imaging furnace	1965
19660074901	Fundamentals of electron beam low noise processes First annual report	1965
19660074902	Electrical leakage across ceramic surfaces Second annual report	1965
19660074903	Cloud seeding evaluation, 1959-1963 - Precipitation physics project	1965
19660074904	Nylon-neoprene bonding systems Interim technical report, 14 May - 29 Oct. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074905	Investigation of heterojunctions Annual report, period ending Nov. 1965	1965
19660074908	High power cyclotron resonance generator. Microwave cyclotron resonance devices Final report and annual report no. 1	1965
19660074909	Injection luminescence in silicon carbide Annual report no. 3	1965
19660074912	Preparation and properties of silicon dioxide layers Annual report no. 1	1965
19660074913	Metal ceramic seal technology Annual report no. 2, Oct. 1964 - Sep. 1965	1965
19660074914	Study of high voltage thyristors for pulse operation Annual report no. 1	1965
19660074919	Non-equilibrium performance analysis of several selected propellant systems	1965
19660074920	HF communication effects - Frequency dispersion and Doppler shift Final report	1965
19660074921	HF communication effects - Physics and chemistry of the ionosphere Final report	1965
19660074922	Gallium arsenide transistors Annual report no. 4	1965
19660074923	Study of GaAs transistor technology Annual report	1965
19660074924	Attenuating properties of A.R.L. tuned earplugs	1965
19660074926	Velocity modulation of charge carriers in semiconductors Annual report	1965
19660074929	Measurements of the multiple scattering of very relativistic electrons	1965
19660074932	Numerical examples in the investigation of a particular matrix in eigenvector theory	1965
19660074933	Optimal filtering of radar data	1965
19660074934	Optimizing an unknown function by the method of bounded least squares	1965
19660074937	Laser damage of materials	1965
19660074942	Analysis of the performance of a highly loaded 12-inch VTOL Z-axis, fan-in-wing model at zero forward speed	1965
19660074944	Optimization techniques for a non-linear velocity-damped inertial navigator Technical report, Dec. 1964 - Jun. 1965	1965
19660074946	An aeroelastic investigation of three rocket fins at high Mach numbers	1965
19660074949	Studies on manpower requirements for rocket booster launch operations, volume I Final report	1965
19660074950	Studies on manpower requirements for rocket booster launch operations. Volume II - An encyclopaedic history of rocket vehicles Final report	1965
19660074960	Ablative plastic characterization in simulated motor exhaust Summary report, 15 Jun. 1964 - 30 Jun. 1965	1965
19660074965	Industrial safety handbook	1965
19660074967	RREAC, the R.R.E automatic computer arithmetic circuits	1965
19660074968	A far infrared spectrometer	1965
19660074971	Emission from the night sky in the 1 to 2 micron spectral band	1965
19660074972	PERT for small projects	1965
19660074975	Studies of the physical processes responsible for soil water movement Final report, Dec. 1963 - Dec. 1965	1965
19660074976	High power remote tuning techniques Final report, 1 Jun. 1964 - 1 Aug. 1965	1965
19660074978	Sorption of hydrogen by glasses and ceramics, volume I Final report, 1 Feb. 1963 - 30 Jul. 1965	1965
19660074981	A three-dimensional theory for the ducted propeller at angle of attack Final report	1965
19660074983	Generation of inframillimetric waves by means of electronic beams Final report	1965
19660074992	Study of solid propellant propulsion systems for ballistic and space missions. Volume III - Appendices Final report, 1 May 1964 - 1 Feb. 1965	1965
19660075007	Proceedings of the First Joint NRD/ESD CALIBRATION Conference. Volume I - Calibration of range instrumentation	1965
19660075008	Error model data reduction techniques	1965
19660075009	MISTRAM calibration	1965
19660075010	GLOTRAC calibration	1965
19660075011	A physically realistic error model for UHF DOPPLER systems	1965
19660075012	Calibration of the ETR land-based C-band tracking radars	1965
19660075013	Short arc orbit determination for ANNA SATELLITE	1965
19660075014	A calibration satellite as a means for the evaluation of the practical effectiveness of the concept of self-calibration of tracking systems	1965
19660075015	Instrumentation calibration	1965
19660075016	Ray-tracings in cloud cross sections for a long baseline interferometer	1965
19660075017	Standard sample method and comparison with the exponential profile	1965
19660075018	Transponder antenna radiation measurements	1965
19660075019	The moon as a source for precision radar tracking measurements	1965
19660075020	Calibration satellite hardware studies	1965
19660075024	Evaluation of a unique device for short fiber tensile characterization	1965
19660075027	Aerosol studies. Volume I - Study of aerosol reagglomeration Final report, 15 Sep. 1964 - 31 Oct. 1965	1965
19660075028	A comparison of ducted propeller theory with Bell X-22A experimental data Final report	1965
19660075030	A detailed numerical evaluation of shroud performance for finite-bladed ducted propellers. Addendum - Computation of shroud-induced axial velocity Final report	1965
19660075031	New results in asymptotic control theory	1965
19660075032	Research to investigate the microstructure of the internal magnetic field in selected magnetic materials Progress report no. 5, 10 Feb. - 10 May 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075040	Determination of the tensile properties of polytetrafluoroethylene /P.T.F.E./ sheet made from granular polymer. The effect of temperature and test specimen size	1965
19660075042	The detection of modulated laser beams Annual report	1965
19660075045	Compression set investigations for the fluorocarbon elastomers Technical report, Sep. 1963 - Sep. 1964	1965
19660075046	Evaluation of large titanium alloy forgings Third quarterly report, 1 Oct. - 31 Dec. 1965	1965
19660075054	The effects of an arrangement of vortex generators installed to eliminate wind tunnel diffuser separation	1965
19660075055	Coupled waves in solid state plasmas First annual report	1965
19660075063	Study and experimental work on atomic collision processes occurring in atmospheric gases Technical progress letter 44, Sep. 1 - Nov. 30, 1965	1965
19660075064	The refractive index of aqueous perchloric acid	1965
19660075066	Investigation of single crystal silicon ribbon Interim report, 1 Sep. - 30 Nov. 1965	1965
19660075069	Adaptive filtering and optimal utilization of an antenna	1965
19660075077	Analogue and digital methods for solving electron optics problems Fifth annual progress report, period ending Nov. 1965	1965
19660075080	Application of Mitrovic's method to feedback compensation of sampled-data control systems	1965
19660075081	An analysis of the stick fixed dynamic stability of a typical VTOL aircraft during transition flight out of ground effect	1965
19660075083	Electromagnetics. On scattering from thin wires, part I	1965
19660075084	An investigation of lubricant film thickness under conditions of high intensity-short duration loading	1965
19660075086	Microwave power generation in semiconductors First annual report	1965
19660075088	Integrated circuits using MOS structures First annual report	1965
19660075089	Static and low forward speed tests on several six-foot diameter tractor and pusher ducted propellers	1965
19660075098	A carrier injection method for recovering the waveshape of clipped signals	1965
19660075119	Theoretical laser research Final technical report, Aug. 7, 1964 - Aug. 16, 1965	1965
19660075121	Oscillations of R17 parachutes during inflation	1965
19660075124	Standardisation of nuclear light sources for service use	1965
19660075126	Harmonic interaction in travelling-wave tubes Annual report	1965
19660075132	EX3 MOD 1 magnetron /U/ Interim technical progress report no. 4, 1 Dec. 1964 - 1 Jan. 1965	1965
19660075133	Minimum Manned Lifting Body Entry Vehicle. Volume II - Technical Analysis (U) Feasibility Study	1965
19660075136	Final Test Results of the 156-2C-1 Motor Firing	1965
19660075137	Anechoic Mare Island type-C coating tested in transducer dome of USS Plunger. Reactive component of complex impedance overbalances resistive component /U/ Research and development, Jan. - Feb. 1965	1965
19660075138	DC-MAW simulation /U/	1965
19660075140	Arbalist /U/ Progress report, Jan. 1965	1965
19660075142	IRIA Annotated Bibliography of Infrared Literature, volume IX, number 3 /U/	1965
19660075146	Radar interference in the exhaust plume of an advanced missile system. Theoretical predictions /U/ Final report	1965
19660075164	A parametric study of material ablation /U/ Technical report, Jul. 1964 - Jan. 1965	1965
19660075178	Maintenance instructions liquid hydrogen system complex 34 Saturn IB	1965
19660075179	Apollo/Saturn V launch complex 39 GSE INSTALLATION, assembly, and test plan	1965
19660075184	Mission control operations and support study ORL final report	1965
19660075187	Project Banshee, phases I and II Final report	1965
19660075189	Lunar survey probe survivable capsule study, phase B	1965
19660075190	Intrarenal regulating mechanism of renal function Final technical report, Oct. 1, 1964 - Sep. 30, 1965	1965
19660075191	Foamed-in-place shelters project	1965
19660075192	Individual respiratory protection against chemical and biological agents Fifth quarterly progress report, Jul. - Sep. 1965	1965
19660075194	Wind and temperature in the atmosphere between 30 and 80 km Quarterly technical report, 1 Apr. - 30 Jun. 1965	1965
19660075195	Periodic permanent magnet focusing of tubular electron beams First annual report	1965
19660075199	Development of nondestructive testing system for analysis and control of residual machining stresses Interim engineering progress report, 1 Sep. - 30 Nov. 1965	1965
19660075202	L/F noise and temperature coefficient of the threshold voltage in MOST's Annual report	1965
19660075203	Tantalum alloy ingot reliability and sheet rolling development program Interim engineering progress report, 1 Jan. 1964 - 31 May 1965	1965
19660075205	Experiments with a steam-to-water pseudo-blade propulsor for marine application. Part I - Technical discussion	1965
19660075212	New complex phases Final technical report, 1 Jan. - 31 Dec. 1965	1965
19660075213	AN/PRC-62 radio set service test model	1965
19660075225	A study of fluidics Second technical report, 6 Apr. - 31 Aug. 1965	1965
19660075228	Structure and materials aspects of the PRIME FLIGHT test vehicle	1965
19660075242	Infrared to visible conversion in crystals Interim annual progress report	1965
19660075260	Metals and Controls, Inc. plunger actuated switch, manufacturer's part number AT91-1 TEST report	1965
19660075267	Standard laboratory procedures for determining sensitivity, brisance, and stability of explosives	1965
19660075271	Research on properties of coupled cavity slow wave structures Annual report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075280	Diode, millimeter wave type mixer /3.2mm/ Eighth quarterly report, 1 Mar. - 30 Sep. 1965	1965
19660075287	Linguistic information processing study Tenth quarterly progress report, 1 Aug. - 31 Oct. 1965	1965
19660075288	Tactical target acquisition by pattern recognition methods	1965
19660075289	Investigations of Cs2-O photocathodes /type S 1/ Final technical report, 1 Sep. 1964 - 31 Aug. 1965	1965
19660075292	HF data compendium - Phase	1965
19660075295	Test of an integrated cryogenically-fueled power-generating unit and environmental control system for potential use in space Test report, May 1963 - Sep. 1964	1965
19660075296	Weather outline contour generator Final report	1965
19660075297	Hypersonic waves in piezoelectric crystals Annual report	1965
19660075298	The spectra of nitrogen oxides Final report, 1 Feb. 1961 - 30 Apr. 1965	1965
19660075301	Experimental investigation of hypervelocity impact damage to ablative materials Final report	1965
19660075317	Pressure measurement on flapped hydrofoils in cavity flows and wake flows Final report	1965
19660075321	Decoding equipment for the R.A.E. century time codes	1965
19660075326	Design, development, manufacture, and delivery of a prototype sensing head Final report	1965
19660075328	A suggested procedure for determining the wake drag of highly swept wings by means of simple wake measurements	1965
19660075336	PARM system manual. Volume III, section Q - Leadtimes	1965
19660075337	Pendulous platform	1965
19660075338	Automation of Post Flight Evaluation, Phase III Final Report	1965
19660075339	A numerical approach to the selection of experiments to meet objectives of lunar investigation	1965
19660075342	Electronics program - Cascaded binary error codes. Probability of error in linear and random codes Semiannual technical report, 1 Jul. - 31 Dec. 1963	1965
19660075347	Analysis of Flight Failure Data to Predict Safety Factors of Man-rated Systems. Volume II - Titan Data and Results of Regression Analysis Applications /U/	1965
19660075354	Infrared camera tube development final technical report, apr. 1964 - apr. 1965	1965
19660075355	Nuclear-pulse-propulsion /Orion/ engine optimization /U/	1965
19660075356	Inertial angular rate sensor /Nutatron gyro/ research program /U/	1965
19660075358	AN/FPS-85 space track radar. Technical appendix, book IV - Transmitter, receiver, structure, signal processing techniques /U/	1965
19660075359	Optical emissions from an ICBM exhaust plume /U/ Scientific report no. 4	1965
19660075365	The near wake of a cone /U/	1965
19660075368	M-Code studies /U/ Final report, Feb. 1964 - Feb. 1965	1965
19660075377	M-Code study program /U/ Second quarterly report, 1 Jun. - 31 Aug. 1964	1965
19660075380	Vacuum ultraviolet surveillance techniques /U/ Final report, 3 Apr. 1964 - 31 May 1965	1965
19660075381	System and technology studies /U/ Quarterly progress report p-3/322, Apr. 1 - Jun. 30, 1965	1965
19660075384	Rocket exhaust studies /U/ Annual summary report, 1 Oct. 1964 - 30 Sep. 1965	1965
19660075386	Electro-optical signal processing techniques for phased array antennas /U/ Quarterly progress report p-4/321, Jul. 1 - Sep. 30, 1965	1965
19660075388	A supplemental study of the weldability of HY-80 steel	1965
19660075389	Magnetic, optical and thermal properties of alloys Final technical report no. 7, 1 Oct. 1964 - 30 Sep. 1965	1965
19660075392	Advanced design of weapon control switching system Final engineering report, phase I, Mar. 1964 - Aug. 1965	1965
19660075396	The preparation and properties of silicon dioxide layers Annual report	1965
19660075405	Infrared image converter Annual report	1965
19660075408	A method for calculating and matching the steady-state temperature distributions in the two parts of an axisymmetric plasma generator	1965
19660075418	Phase I study and investigation of a sled pullaway system Final report, 1 Jan. 28 Feb. 1965	1965
19660075426	Additional phase I study and investigation of a sled pullaway system Final report	1965
19660075427	Recovery safety criteria for Air Force space vehicles /U/	1965
19660075428	Quarterly progress report, January - March 1965 /U/	1965
19660075429	Comparison of deflected thrust with the addition of wing area to increase aircraft maneuver load factor /U/ Final report, 1 Nov. - 1 Dec. 1965	1965
19660075433	Experimental evaluation of Hybaline B3 /U/ Final report, Jan. 1964 - Mar. 1965	1965
19660075434	Research on light metal fuels and oxidizer chemistry /U/ Quarterly progress report no. 7, May - Jul. 1965	1965
19660075439	Oxygen/hydrogen injector thrust per element size maximization /U/ Final report, Apr. 1963 - Apr. 1965	1965
19660075447	ASSET /U/ Twelfth triannual progress report, 1 Jan. - 30 Apr. 1965	1965
19660075452	LRPL /U/ Quarterly progress report /2-65/	1965
19660075455	CX-6 V/STOL assault transport support system study. Volume II, section III - Propulsion /U/ Final report	1965
19660075466	High resolution hemispherical coverage antenna techniques /HICAT/ /U/ Second quarterly interim technical report, 26 Sep. 1964 - 17 Jan. 1965	1965
19660075468	High voltage solar cell array segment Interim progress report, 3 Jan. - 1 Apr. 1965	1965
19660075480	Maintenance instructions, RP-1 fuel system, complex 34, Saturn IB	1965
19660075481	Maintenance instructions, pneumatic system, complex 34, Saturn IB	1965
19660075482	Lifting reentry vehicle nose cap materials survey - Arc-tunnel test results	1965
19660075483	Diborane-4-polymer	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075486	Fatigue of plates and weldments in HY-100 AND HY-130/150 steels	1965
19660075490	Warheads and weapons effectiveness studies /U/ Final report, 31 Dec. 1963 - 31 Dec. 1964	1965
19660075491	Failure diameter studies of composite propellants. I - Diameter-dependence of detonation velocities of explosive-loaded formulations /U/ Special report	1965
19660075493	Research and development on light metal hydride-2 /U/ Final report, 1 Feb. 1963 - 31 Mar. 1964	1965
19660075510	LEM Truck guidance and navigation study Final report, 1 Mar. - 15 Sep. 1965	1965
19660075512	Development of a pressure and force transducer calibration procedure for the hypersonic shock tunnel Monthly progress report, 1 - 31 Mar. 1965	1965
19660075520	ECS Medium Heat Module System, NASA DRAWING SK-KDP3-51464 Test report	1965
19660075529	Night VOARS /for photographic reconnaissance/ Final report, May 1963 - Sep. 1965	1965
19660075569	Investigation of charge transport in CdS and other II-VI compounds Final technical report, 1 Dec. 1964 - 31 Dec. 1965	1965
19660075586	Useful high-altitude nuclear effects computer programs. Volume 6 - Radiation transport programs	1965
19660075587	A study of polymers containing silicon-nitrogen bonds Progress report no. 49, 4 Mar. - 3 Apr. 1965	1965
19660075588	Study of interplanetary mission support requirements Final summary report, Aug. 18, 1964 - May 18, 1965	1965
19660075589	Animal - Acceleration and Weightlessness, a Selected Annotated Bibliography, 1957 - 1964. Research in Basic Bioscience During Manned Earth-orbiting Missions, Addendum II	1965
19660075590	Study of interplanetary mission support requirements General technical summary, Aug. 18, 1964 - May 18, 1965	1965
19660075596	Coherence properties of radiation passing through a random medium	1965
19660075598	High-voltage power supply Final technical report	1965
19660075599	Theoretical study of transport properties of the upper atmosphere Final report, Feb. 10, 1964 - Oct. 15, 1965	1965
19660075612	Investigation of magnetically induced ionization Annual technical report, Nov. 1, 1964 - Oct. 30, 1965	1965
19660075618	The influence of fluid loading on the radiation from infinite plates below the critical frequency	1965
19660075634	Optical pumps for lasers. Task A - supplement I - A survey of laser material characteristics - Supplement	1965
19660075655	Development of nondestructive testing techniques for honeycomb heat shields Quarterly program report, 1 Oct. - 31 Dec. 1964	1965
19660075656	Lunar navigation Quarterly report, 6 Dec. 1964 - Mar. 1965	1965
19660075657	Intermodulation distortion and peaking factor criteria for HF multitone transmitters	1965
19660075659	A study of polymers containing silicon- nitrogen bonds Quarterly progress report, May 4 - Aug. 3, 1965	1965
19660075660	Investigation of structural sealing parameters and concepts for spacecraft. Part I - Design criteria Final report, 4 Nov. 1964 - 15 Apr. 1965	1965
19660075661	Investigation of structural sealing parameters and concepts for spacecraft. Part II. LEAK detection - repair, general environment, and material properties	1965
19660075664	Research testing of a hypersonic velocity sensing technique for aerodynamic shock plasmas using ion waves	1965
19660075665	Wall temperature effects on the zero-lift viscous drag of blunted cones in rarefied supersonic flow	1965
19660075676	Pace II /U/ Summary development report no. 2	1965
19660075682	Low-observable Reentry Vehicle /LORV/ PROGRAM /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19660075684	Feasibility investigation of a clustered multipurpose missile warhead /U/	1965
19660075685	RAT SCAT cross section measurements of the Mark 11 vehicle /U/	1965
19660075693	ASSET. Volume III - Final aerodynamics and performance /U/ Final technical report, Apr. 1961 - May 1965	1965
19660075701	Flight Test Evaluation Report for Flight Test Missile 455 (U)	1965
19660075704	V/STOL assault transport CX6 support system study /U/ Final briefing summary	1965
19660075708	Deformation and imperfections in aluminum	1965
19660075716	Canadian ionospheric data	1965
19660075718	Microwave diode research Final report, 10 Jun. 1962 - 9 Jun. 1965	1965
19660075727	High-Power Microwave Tubes Symposium, volume I	1965
19660075728	Crossed-field amplifiers for phased arrays	1965
19660075729	A high gain, C-band crossed-field amplifier	1965
19660075730	High power plasma duplexer study	1965
19660075731	Gas clean-up in high-power duplexers	1965
19660075732	An approach to predicting the reliability of high-power microwave tubes	1965
19660075733	A large signal analysis for "O" type microwave amplifiers	1965
19660075734	Operating measurements of high power noise generator tubes	1965
19660075735	The high-power capabilities of beam plasma amplification	1965
19660075736	Progress in high emission density cathodes	1965
19660075737	Transients in high-power modulators	1965
19660075738	CW, coupled-cavity traveling-wave tubes state-of-the-art	1965
19660075739	The VA-143A Twystron hybrid TWT	1965
19660075740	Superpower capability with wide bandwidth - A demonstration of the traveling-wave multiple-beam klystron	1965
19660075741	Extended-interaction circuits for high-power klystrons	1965
19660075742	Spurious oscillations in high perveance high voltage klystrons	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075743	Recent developments in multi-megawatt broadband klystrons	1965
19660075744	Design and development of companion 30 MW/30 KW UHF/L-band klystrons	1965
19660075745	Development of a one-megawatt CW klystron	1965
19660075746	Study of interplanetary mission support requirements Final technical report, Aug. 18, 1964 - May 18, 1965	1965
19660075759	Consolidated instrumentation plan for Saturn/Apollo SA-9	1965
19660075760	Stress analysis of 260-inch motor case flaw	1965
19660075765	Racine Machinery and Hydraulics, Inc., manufacturer number 985002, deceleration valve test report	1965
19660075767	Wear current review selected articles	1965
19660075768	Four-layer diodes	1965
19660075769	Technology of four-layer diodes and silicon controlled rectifiers	1965
19660075770	Circuits with four-layer diodes	1965
19660075771	Measuring four-layer diodes	1965
19660075772	Special four-layer semiconductor devices	1965
19660075774	Feasibility of forming refractory fibers by a continuous process Quarterly progress report no. 7, 15 Nov. 1964 - 15 Feb. 1965	1965
19660075780	Telemetry calibration document. ASV-4	1965
19660075794	Traveling wave tube linearity Third annual report	1965
19660075801	Reactions of gaseous bronsted acids	1965
19660075844	HYDROCON acoustic imaging system /U/ Second interim engineering progress report, 1 Mar. - 1 Nov. 1965	1965
19660075856	Development of microwave NDT inspection techniques for large solid-propellant rocket motors Final report, phase I	1965
19660075862	Very high temperature coatings for tantalum alloys Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19660075865	The crystallography and morphology of the bainite transformation in a manganese carbon steel	1965
19660075867	Space environment seals test program Final report	1965
19660075870	Mobility Environmental Research Study in Thailand. III - Chiang Mai study area Interim reports on the Great Soil Group survey	1965
19660075882	A study of solid state devices and phenomena /The Gunn effect - New applications and materials/ Interim technical report no. 1, Sep. 1 - Nov. 30, 1965	1965
19660075887	Study and fabrication of a solid-refrigeration superinsulation cooling system Fourth quarterly progress report, 1 Apr. - 30 Nov. 1965	1965
19660075894	ASSET. Volume XI - Body bending - control surface flutter configuration, correlation of experimental and theoretical flutter data Final report, Apr. 1961 - Jun. 1963	1965
19660075902	An investigation of energy addition to a compressible gas via the hydraulic analogy	1965
19660075912	Advanced Army aircraft instrumentation system Quarterly progress report, period ending 30 Jun. 1962	1965
19660075916	Explosive application to the instability problem for NASA missile program	1965
19660075926	An investigation into the mechanism of action of radiation protective chemicals Final report, 1 Oct. 1964 - 30 Sep. 1965	1965
19660075931	The photoconductivity of solid organic free radicals Final technical report, Sep. 1963- Sep. 1965	1965
19660075934	Study of attitude change toward equipment design. The measurement of altimeter display preference and an investigation of preference correlates	1965
19660075936	Optical instrumentation study Final report, 6 Jan. - 23 Apr. 1965	1965
19660075939	The development of prototype instruments to measure the dynamic film thickness, film continuity, and film pressure in journal bearings lubricated with liquid potassium Quarterly progress report, 1 Sep. - 30 Nov. 1965	1965
19660075943	Saturn V improvement study - Liquid/solid system integration. Volume II - Technical report Final report	1965
19660075945	The nature of the resistance to water flow in plants and its impact on transpiration First annual report, 1 Dec. 1964 - 1 Dec. 1965	1965
19660075951	Evaluation of new structural materials for launch vehicle applications Final report	1965
19660075957	Effects of atmospheric refraction on microwave tracking instrumentation	1965
19660075959	Southeastern United States Survey /SEUSS/	1965
19660075960	Interchangeability criteria for "standard cherrylock" and the "CKL" blind rivets	1965
19660075962	Nerve/nerve and nerve/muscle transmitters Final supplemental report, 1 Jun. - 31 Aug. 1965	1965
19660075963	Design criteria - Effects of strength probability distribution on failure probability of components subjected to random vibration with zero mean loads	1965
19660075968	Electrophoretic deposition of phosphor screens Final report	1965
19660075974	The effects of intensity and duration of exercise on mammalian striated muscle Final technical status report, 1 Jan. - 31 Dec. 1965	1965
19660075977	Newtonian static and dynamic aerodynamic coefficients for asymmetric bodies under combined angles of attack and sideslip	1965
19660075978	Absorption coefficient of gases in the range from 100 angstrom to 500 angstrom Final technical report, Jan. - Dec. 1965	1965
19660075980	Analysis and design of nonlinear control systems Final report	1965
19660075984	Resistivity measurements of iodine single crystals by an a.c. technique	1965
19660075985	RF spectrum utilization measurement, test procedures for amplitude modulated transmitters	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075987	GaAs surface research	1965
19660075992	Polarimetric measurements of simulated lunar surfaces	1965
19660075997	Contamination of samples in the electron- probe microanalyzer	1965
19660076000	Control of bacterial populations by cultures of chlorella pyrenoidosa TX 71105	1965
19660076001	An experimental study of laminar near wakes Interim report, 1 Feb. 1964 - 31 Jan. 1965	1965
19660076002	Applied research on laser navigation and guidance	1965
19660076006	CL-84 V/STOL prototype program Progress report no. 12, 1 Jul. - 31 Aug. 1965	1965
19660076008	A report of data taken at sea during alignment tests of airborne inertial navigators, volume I	1965
19660076009	The probability of bird strikes by aircraft flying at low altitudes	1965
19660076017	Research and development program for X-band crossed-field amplifier Quarterly engineering report, 13 Sep. - 12 Dec. 1965	1965
19660076029	Beryllium sandwich structure design procedures and test plans Final report	1965
19660076032	Thin film monotonics Quarterly report, 13 Dec. 1965 - 12 Mar. 1966	1965
19660076033	Field calorimetry/IR instrumentation Final technical report, 19 Jun. 1964 - 30 Oct. 1965	1965
19660076050	Two-stage precision lasers	1965
19660076056	On the application of hydrodynamics to the study of the stability of singular points of differential equations - Autonomous systems	1965
19660076068	Nimbus Meteorological Satellite - Integration and Testing Quarterly Progress Report, 16 Aug. - 15 Nov. 1965	1965
19660076083	Development of a UHF power transistor Final report	1965
19660076089	Orbital and ground launch operations for a Mars or Venus flyby mission	1965
19660076099	A report of data taken at sea during alignment tests of airborne inertial navigators, volume II	1965
19660076102	Preliminary specifications for use of the Control Data 3291 Inquiry Station	1965
19660076115	Infrared laser materials and efficiency studies Interim technical report, May 15 - Nov. 15, 1965	1965
19660076150	Effect of aircraft speed on low-altitude acquisition of ground targets, phase III FINAL report, 28 Sep. 1964 - 4 Jan. 1965	1965
19660076151	Engineering services on transistors Final report, 1 Apr. 1963 - 30 Jun. 1965	1965
19660076186	Quarterly project progress report for April, May, June 1965 /U/	1965
19660076187	Development of a propellant containing a high energy oxidizer /U/ Seventh monthly research contract status report, 1-31 Dec. 1964	1965
19660076188	Final report, October 12, 1964 - April 30, 1965 /U/	1965
19660076192	Gemini Atlas/Agena Target Vehicle Ascent Guidance Program and Test Plan for Mod III Computing System	1965
19660076195	[No Title]	1965
19660076196	[No Title]	1965
19660076198	[No Title]	1965
19660076199	[No Title]	1965
19660076200	Research and development for a luminescent storage screen /U/ Final report, 5 Mar. 1964 - 31 Mar. 1965	1965
19660076206	On radiating laminar free-mixing - Similarity analysis	1965
19660076208	Solid-state maser research /optical/ Final report, 15 Jul. 1963 - 14 Jul. 1965	1965
19660076222	Mathematical model for the probability of visual target detection Interim report	1965
19660076226	Solid propellant additives research /U/ Final technical summary report, 11 Nov. 1964 - 10 Nov. 1965	1965
19660076228	Study of fluid control systems employing fluid sensors and amplifiers /U/ Final report, phase III	1965
19660076238	XB-70A Air Vehicles	1965
19660076239	XB-70A Air Vehicles	1965
19660076247	Mission Requirements of Lifting Systems - Engineering Aspects, Volume IV, SECTION II (U)	1965
19660076249	Hydrostatic combustion seal demonstration feasibility program /U/ First written progress report, 7 Mar. - 15 Sep. 1965	1965
19660076254	Mass spectrometry of corrosive oxidizers and xenon compounds /U/ Technical report, May - Jul. 1965	1965
19660076255	Gimbaled integral nozzle /U/	1965
19660076259	The Catalytic Decomposition of Hydrazine and Hydrogen Peroxide /U/	1965
19660076262	Study of Engineering Aspects - Mission Requirements of Lifting Systems. Summary of Significant Results and Figures (U)	1965
19660076263	Mission Requirements of Lifting Systems - Engineering Aspects, Volume III (U)	1965
19660076306	Interagency Chemical Rocket Propulsion Group, Solid Propellant Rocket Static Test Working Group, bulletin of the 3rd meeting /U/	1965
19660076307	Techniques for successful six-component force measurements of solid-propellant rocket motors /U/	1965
19660076308	Development of sensors for detection of impending malfunctions in large, solid- propellant rocket motors /U/	1965
19660076309	Accuracy investigation of fluid bearing static test stand /U/	1965
19660076310	Economical calibration of strain gage instrument calibrators /U/	1965
19660076311	Semi-conductor transducers and their influence on instrumentation systems /U/	1965
19660076312	High-precision total-impulse measurement system for solid propellant rocket motors /U/	1965
19660076313	Flight instrumentation data - Comparison with static test data /U/	1965
19660076314	An empirical method for determining burning rates of propellants containing radially oriented staples /U/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076315	Observed solid rocket motor performance variability /U/	1965
19660076316	Development test evolution of a large segmented solid propellant motor with thrust vector control /U/	1965
19660076317	Wind tunnel testing of an air augmented solid propellant propulsion system /U/	1965
19660076318	Centrifuge test-firing problem areas /U/	1965
19660076322	Mission requirements of lifting systems - Engineering aspects, volume IV, section I /U/ Final report	1965
19660076323	Mission Requirements of Lifting Systems - Engineering Aspects, Volume V (U) Final Report	1965
19660076335	Investigation of the effect of catalysis as a means of increasing the efficiency of certain propellant systems /U/ Final report, 1 Aug. 1962 - 15 Aug. 1965	1965
19660076336	Microchannel plate studies /U/ Second interim technical report, Oct. - Dec. 1965	1965
19660076340	Flight test evaluation of an underwater multiple-cycle glide vehicle /U/ Final report	1965
19660076361	Development of an improved photoconductor for use in an infrared multiplier vidicon /U/ Final technical documentary report, 16 Sep. 1964 - 30 Oct. 1965	1965
19660076403	Mission Requirements of Lifting Systems - Engineering Aspects, Volume II (U)	1965
19660076411	Large motor case engineering optimization study - Report on investigation of sub-arc, Excelco Big TIG and other welding processes on 18 per cent nickel maraging steel	1965
19660076413	Nimbus meteorological satellite Integration and testing quarterly progress report, May - 15 Aug. 1965	1965
19660076420	Bi-metal compensated crystal units Final report, 15 May 1964 - 15 Jul. 1965	1965
19660076433	A proposed camera system for shock tube schlieren applications	1965
19660076434	Propellant actuated devices Engineering manual	1965
19660076444	Summary of research on static and dynamic analyses of cylindrical shells Final report, 1951 - 1965	1965
19660076450	Analysis of type I-C batteries	1965
19660076463	Project Dazzle, SRI radar operations record for trial WP 31.4 /BK23/	1965
19660076466	Phase analysis and crystal structure studies on binary alloys of aluminum with transition metals Final technical report, no. 1, 1 Oct. - 30 Sep. 1965	1965
19660076467	The crystal structures of Os ₂ Al ₃ and OsAl ₂	1965
19660076468	Refinement of the gamma-Cu ₉ Al ₄ structure	1965
19660076477	U. S. Government metalworking processes and equipment program Third status report	1965
19660076478	Effects of metallurgical variables on deformation and fracture	1965
19660076479	Effects of external variables on deformation and fracture	1965
19660076491	Test schedule for 100 hour tie-down test of transmission system, X-22A aircraft Demonstration planning and progress report	1965
19660076492	A modification of the long-term sunspot prediction	1965
19660076493	Cold roll bending thick Ti-721 alloy titanium plate	1965
19660076498	Investigation of the boron phosphide system Interim engineering report, 13 May - 1 Sep. 1965	1965
19660076546	HF data compendium - Amplitude	1965
19660076548	The allotropy of germanium dioxide. Part 3 - Thermal behaviour of hexagonal and tetragonal germanium dioxide	1965
19660076553	HF data compendium - Power spectra and oblique ionograms	1965
19660076555	Development of a broadband dipole antenna for the HF band	1965
19660076557	Rheological properties and bearing capacity of frozen soils	1965
19660076587	Refractory materials suitable for use in guided missile propulsion systems Quarterly progress report	1965
19660076589	Coatings for refractory metals in aerospace environments Final report, 1 Jun. 1963 - 20 Sep. 1965	1965
19660076598	Beryllium structures for flight vehicles Phase II report, 15 Jun. - 30 Dec. 1965	1965
19660076600	Multi-component diffusion in a partially ionized medium	1965
19660076605	VOR system accuracy Final report	1965
19660076607	Group velocity variations of V.L.F. signals	1965
19660076608	X-22A tri-service V/STOL aircraft Monthly progress report no. 34, 1-30 Sep. 1965	1965
19660076610	Gravity gradient test satellite Technical progress report, 1 Oct. - 31 Dec. 1965	1965
19660076611	High temperature turbine component development for USAANL small gas turbine engine program Monthly technical report no. 16, Sep. 1965	1965
19660076615	Solid-state synthesis of microwave functions Interim engineering report, 1 Feb. - 31 Mar. 1965	1965
19660076622	Research on gas lubrication at high temperature and low flow rates Quarterly progress report no. 9, 15 Sep. - 15 Dec. 1965	1965
19660076627	Description of mast for use with the Lambrecht Woelfle wind recorder	1965
19660076634	Study of laser application to velocity measuring system, phases VII and VIII TECHNICAL summary report	1965
19660076636	MISTRAM transponder antennas Technical report, Oct. 1963 - Aug. 1965	1965
19660076637	APL Geodetic Satellite Project /ANNA/ STATUS report, Apr. - Jun. 1965	1965
19660076639	Self-excited radial oscillations in thin stellar envelopes, II	1965
19660076644	Useful high-altitude nuclear effects computer programs. Volume 7 - Chemical programs	1965
19660076646	Research on ion molecule reactions involving species important in the atmosphere Final report, 15 Nov. 1962 - 14 May 1965	1965
19660076647	The reaction O plus ions plus N ₂ yields NO plus ions plus N	1965
19660076648	Isotope effects in ion-molecule reactions	1965
19660076649	The importance of resonance forces in ion- molecule reactions	1965
19660076650	Dissociative ionization of N ₂ and N ₂ O by rare-gas ion impact	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076651	Dissociative ionization of molecules by rare gas ion impact	1965
19660076663	Trade designations of plastics and related materials	1965
19660076670	Design of a reader for thermoluminescence dosimetry	1965
19660076675	Propulsion Research Laboratory Annual summary report, 1 Oct. 1963 - 30 Sep. 1964	1965
19660076678	Vanadium alloy studies Quarterly report no. 1, 1 Mar. - 31 May 1965	1965
19660076683	Spectral absorption coefficients of electronic transitions in diatomic molecules, volume 2, part A	1965
19660076684	Spectral absorption coefficients of electronic transitions in diatomic molecules, volume 2, part B	1965
19660076685	Spectral absorption coefficients of electronic transitions in diatomic molecules, volume 2, part C	1965
19660076687	Short-time cryogenic and elevated-temperature tensile properties of HY-80, 5Ni-Cr-Mo-V, and 2 1/4Cr-1Mo steels	1965
19660076695	Utilization of gamma radiation to enhance the properties of polymers and to initiate polymerization of monomers Progress report, 15 Jun. - 15 Dec. 1965	1965
19660076696	Calculation of physical properties of co-operative assemblies Final technical report, 1 Nov. 1964 - 31 Oct. 1965	1965
19660076701	Vibrational spectra of high polymers Final technical report, Jan. - Dec. 1965	1965
19660076705	One-way ranging and direction-finding for IFR AIRCRAFT formation stationkeeping	1965
19660076706	HF communication effects - Executive summary Final report	1965
19660076713	The solution of atmospheric diffusion equations by electrical analogue methods	1965
19660076715	The spectrum and photochemistry of inorganic anions Annual technical report, 1 Dec. 1964 - 30 Nov. 1965	1965
19660076718	ALSS payloads. Volume I - All major systems except cabin systems Second interim report, design status	1965
19660076719	ALSS payloads. Volume II - Cabin systems Second interim report, design status	1965
19660076725	Study of laser application to velocity measuring system Phase V technical summary report	1965
19660076730	Experience with Fehlberg's integration method in the calculation of optimum interplanetary transfer orbits at low-thrust acceleration	1965
19660076731	Optimum setting system for electronic time fuze	1965
19660076732	Feasibility and design study of an ultraviolet oxygen sensor, phase I	1965
19660076734	HumRRO research tasks and exploratory studies in aviation Quarterly progress report, Jan. - Mar. 1965	1965
19660076742	Review of fundamental investigations of silver oxide electrodes	1965
19660076748	Coupling of a nonsimilar laminar compressible boundary layer with an ablative char forming surface	1965
19660076750	High purity GaP Annual report	1965
19660076751	Research on solid state store using MOS TRANSISTORS Annual report	1965
19660076753	Research and development program for X-band crossed-field amplifier Quarterly engineering report, 13 Jun. - 12 Sep. 1965	1965
19660076755	A study of phycophysiology in controlled environments Tenth semiannual status report, 1 Oct. 1964 - 31 Mar. 1965	1965
19660076756	Silylation with hexamethyldisilazane	1965
19660076757	Silylation of aromatic hydroxy compounds with Si-N compounds	1965
19660076758	Stress report for the design of a special- purpose 669A ECM pod section for installation of the Tracor phase II DISPENSER	1965
19660076773	Design and operation of a surface field measurement facility	1965
19660076775	Human factors aspects of low-altitude flight. A sample of fighter pilot attitudes and altitude estimates, 7 December 1962 - 19 January 1963	1965
19660076778	Semiconductivity of organic free radicals Final report, Sep. 1962 - Oct. 1965	1965
19660076783	A DOD research program for electrochemical science with applications to energy storage and conversion	1965
19660076786	Time-of-flight spectrometer Quarterly report	1965
19660076788	Imperial-Eastman Corporation hydraulic flex hose assembly catalog number N416 Test report	1965
19660076796	Development of a mass spectrometer system for lunar surface analysis Final report, 8 Jul. 1964 - 31 Dec. 1965	1965
19660076798	Lunar geophysical surface and subsurface probes for Apollo applications program, phase I Interim report	1965
19660076799	Techniques for measuring short-lived transient species in aqueous solution	1965
19660076800	A Three-Angle Landing and Ground-Guidance System	1965
19660076804	Evaluation of dyestuff color change as a measure of ultraviolet degradation of nylon parachute components Technical report, Jul. 1964 - Nov. 1965	1965
19660076808	Electrostatically focused microchannel inverter tube /U/ Interim technical report, 28 Apr. - 28 Sep. 1965	1965
19660076809	Development of an improved photoconductor for use in an infrared multiplier vidicon /U/ Interim technical report, 1 Apr. - 30 Jun. 1965	1965
19660076813	Computer-aided detection for multi-Doppler channel sonars /U/	1965
19660076815	Radar attenuation by rocket motor exhausts /U/ First semiannual report, 18 Mar. - 11 Sep. 1965	1965
19660076822	Feasibility of V/STOL concepts for short-haul transport aircraft Addendum report	1965
19660076841	Gemini spacecraft Instrumentation system report, supplement no. 7	1965
19660076848	Life study of low-noise travelling-wave tubes Annual report year ending Nov. 1965	1965
19660076850	Program Green Pine /488L/ Final report, Nov. 1960 - Dec. 1965	1965
19660076858	Preparation and properties of human crystalline erythrocyte and crystalline erythrocyte catalase	1965
19660076861	Statistics of secondary electron emission Final technical report, Dec. 1, 1964 - Nov. 30, 1965	1965
19660076868	The reliability of 'flip chip' mounted transistors, 1965 Annual report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076873	Radar Set AN/TPN-14 Spectrum signature report, 1 Feb. - 3 Mar. 1965	1965
19660076876	Laboratories Division - Report of progress 1961 - 1965	1965
19660076886	Compound semiconductor functional electronic blocks Progress report no. 5, 20 May - 20 Aug. 1965	1965
19660076896	Investigation of the phenomena of rain erosion at subsonic and supersonic speeds Technical report, Jan. - Sep. 1965	1965
19660076900	The interrelationship graph as a technique for computer model development	1965
19660076904	Continental TS120 turboshaft engine Design report	1965
19660076905	Elastic analysis of stiffened plating under lateral loading	1965
19660076915	Research on the utilization of pattern recognition techniques to identify and classify objects in video data Technical progress report no. 1, 1 Jul. - 1 Oct. 1965	1965
19660076918	Study of secondary emission in magnetron cathodes Annual report	1965
19660076919	Study of flash tubes Annual report	1965
19660076921	Study of phase shift in travelling wave tubes Annual report	1965
19660076923	HF communication effects - Experimental justification of the Gaussian channel model Final report	1965
19660076924	Correlation of overall susceptibility and spurious response measurements Final report	1965
19660076928	Meteorological satellite studies of mid- latitude atmospheric circulations Final report	1965
19660076941	The effect of pulse shapes on the DDM CHARACTERISTICS in correlation protected ILS	1965
19660076943	Deterioration of rubber and plastic insulation by deep-ocean microorganisms Final report, Sep. 1962 - Oct. 1964	1965
19660076944	Electro-interference test report for power supply set, C/D and T/M, CTLI, figure A 9233.6AN	1965
19660076950	Development of broad band UHF amplifier /U/ First interim engineering report, 20 May - 30 Nov. 1965	1965
19660076959	Review of advanced solid propellants /U/	1965
19660076968	[No Title]	1965
19660076971	Research on intrinsic photoconductors /U/ Final report, 12 Aug. 1963 - 30 Nov. 1965	1965
19660076973	Research on intrinsic photoconductors /U/ Quarterly letter report no. 9, 1 Jul. - 30 Sep. 1965	1965
19660076977	[No Title]	1965
19660076979	Research on extrinsic photoconductors /U/ Quarterly letter report no. 9, 1 Jul. - 30 Sep. 1965	1965
19660076981	Damage to model tunnels resulting from an explosively produced impulse. Report 1 - Test in a simulated rock mass of medium strength /U/	1965
19660076983	A comparison of the use of lithium and sodium as reactor coolants for space power systems /U/	1965
19660076986	The crystal structure of some organic free radicals and their complexes Final report, 1 Oct. 1963 - 31 Oct. 1965	1965
19660076989	Design/development slipcast fused silica radome assembly Final technical report, Jul. 1964 - Sep. 1965	1965
19660077000	Transformation of life-test data	1965
19660077001	Effect of psychotropic drugs on brain lipid and steroid composition and metabolism Annual technical report, Sep. 1, 1964 - Aug. 31, 1965	1965
19660077002	The identification and movement of meso-scale thunderstorm systems	1965
19660077006	[No Title]	1965
19660077013	Breadboard equipment development, E-2A OVERLAND program /U/ Final report	1965
19660077015	Advanced hydrofoil antisubmarine system study, phase II, volume III /U/	1965
19660077017	Quarterly summary of progress, Directorate of Defensive Systems /U/	1965
19660077028	[No Title]	1965
19660077036	HITAB rocket-probe program /U/ Final report, May 1961 - Dec. 1964	1965
19660077046	Modification and Testing of an Atlas Oxidizer Boiloff Valve for a FLOX Atlas Vehicle (U) Seventh Monthly Progress Report, 1 Sep. - 30 Sep. 1965	1965
19660077050	Launch Vehicle Engines Project Development Plan (U)	1965
19660077051	History - Project First, F-1 Combustion Stability Program, Volume 2, Book 2 (U)	1965
19660077055	Atlas FLOX Program (U) Twelfth Monthly Progress Report, 29 Aug. - 2 Oct. 1965	1965
19660077060	SA-204 Saturn Vehicle Data Book (U)	1965
19660077084	Hydrofoil craft trending and costing study, volume 3 /U/	1965
19660077093	Separated Flow Effects on the Static and Dynamic Stability of Blunt Nosed Cylinder Flare Bodies	1965
19660077098	Vehicles for Project AMRAD /U/ Technical progress report, 10 Mar. - 30 Nov. 1964	1965
19660077101	Parametric Study of Logistics-type Entry Vehicles (U) Quarterly Progress Report, 16 Oct. 1964 - 15 Jan. 1965	1965
19660077102	Remote antenna siting study for integrated guidance and control system MQM-58A /U/1 Final report, 15 Dec. 1964 - 28 Feb. 1965	1965
19660077110	SP' wave and the crustal thickness of China	1965
19660077116	The probability of detection of unresolved targets	1965
19660077127	An experimental method of obtaining collapse velocities of the inner walls of a linear shaped-charge liner	1965
19660077128	Suppression of fire and fumes from spills of hydrazine-UDMH and nitrogen tetroxide	1965
19660077132	Arctic kit for use with aircraft wire dispenser set ANATE-1 on helicopters CH-21, CH-34, UH-1A, and UH-1B	1965
19660077138	Preparation and evaluation of aircraft components in 115 ton low alloy steel	1965
19660077147	Semiconductor injection laser Annual report on research project RP7-23	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077148	Stellar Acquisition Feasibility Flights /STAFF/. Volume II - Technical Program progress report no. 34, period ending Dec. 1965	1965
19660077149	Research on millimeter-wave generation techniques Quarterly report, 1 Oct. - 31 Dec. 1964	1965
19660077150	X-band receiving antenna for LES-4 TECHNICAL report no. 410	1965
19660077154	Hydrodynamic support equipment for Saturn V Final report	1965
19660077157	The use of Fourier transforms in the solution of beam and plate problems	1965
19660077158	The application of distorted models in developing scaled structural models	1965
19660077160	Command system study for the operation and control of unmanned scientific satellites. Task III - Command system interference Final progress report	1965
19660077164	Project Apollo radio blackout investigation Second quarterly report, 1 Oct. - 31 Dec. 1965	1965
19660077166	The analysis of plain carbon and low alloy steels by X-ray fluorescence spectroscopy	1965
19660077167	Solid-state gamma-ray detector Technical report, 1 Oct. 1964 - 1 Mar. 1965	1965
19660077174	A study of interrupted arc parameters, part II, December 1964 - June 1965	1965
19660077186	Detailed program plan for fourth-stage Scout rocket motor program	1965
19660077187	Broadband helical dipole arrays	1965
19660077197	Synthetic spectrum radar modification and measurement program Quarterly progress report, 1 Oct. - 31 Dec. 1965	1965
19660077198	Thin film circuit element Annual report	1965
19660077202	Detail stress analysis, hydrodynamic support equipment for Saturn V	1965
19660077205	Project Apollo radio blackout investigation First quarterly report, 1 Jul. - 1 Oct. 1965	1965
19660077208	Setting up intensity-modulated radar displays, a simple theory	1965
19660077210	Report on trials of a meteorological balloon release device	1965
19660077214	The geomagnetic field in Peking region and its secular variation during the last 2000 years	1965
19660077215	The influence of the shear strength of muskeg terrains on the trafficability of a few selected tracked vehicles	1965
19660077223	The synthesis and analysis of electromagnetic compatibility problems Final report	1965
19660077228	A precision, wideband log-video amplifier of large dynamic range	1965
19660077232	Properties of pyridinyl free radicals Semiannual progress report	1965
19660077242	Research on chemistry of O3F2 and O2F2 Quarterly technical summary report, Apr. 1 - Jun. 30, 1965	1965
19660077250	Advanced polymer research to develop polymers for use in coatings exposed to extreme environments Fourth progress report, 15 Jun. - 15 Dec. 1965	1965
19660077251	Exploratory low-speed tunnel tests of part- span flap and fuselage effects on a high-lift wing	1965
19660077260	A finite difference method for solving the laminar boundary layer equations near a wake neck	1965
19660077261	One-pass algorithms for some generalized network problems	1965
19660077271	Development of ablative thrust chambers and throat inserts suitable for use on the Gemini and Apollo vehicles Final report, Jun. 1963 - Jan. 1965	1965
19660077272	Measurement of phosphor efficiencies at low current densities First annual progress report, period ending Nov. 1965	1965
19660077277	Specific impulse values for hydrogen and RDX	1965
19660077278	Thermal degradation of piperazine polyamides I - Poly/terephthaloyl trans-2, 5-dimethylpiperazine/ and poly/oxalyl trans-2, 5-dimethylpiperazine/	1965
19660077279	Transtage environmental test Hivos Facility Final report	1965
19660077280	Research on high temperature protective coatings for graphite Progress report, 1 Jun. - 31 Aug. 1965	1965
19660077281	Investigation of base vented hydrofoils	1965
19660077285	Chemical, physical and engineering performance characteristics of a new family of perfluorinated fluids Technical report, 1 Nov. 1962 - 31 Jul. 1965	1965
19660077286	Design test data, mechanical and electromechanical components, volume I	1965
19660077287	Design test data mechanical and electromechanical components, volume II	1965
19660077295	Semiannual progress report no. 2, period ending 31 December 1965	1965
19660077296	Application of a powder lubrication system to a gas turbine engine Progress report no. 4, Jul. - Nov. 1965	1965
19660077298	ASSET. Volume IX - Flutter panel development Final report, Apr. 1961 - Dec. 1964	1965
19660077300	Thin film photovoltaic cell array investigation Quarterly technical report, 1 Sep. - 30 Nov. 1965	1965
19660077302	Group decision making and communication patterns under conditions of stress and overload, when the participants are allowed to function as a self-organising system Final technical report, 1 Jan. - 31 Dec. 1964	1965
19660077303	Helium bottle explosions Final report, 1 Mar. - 31 May 1965	1965
19660077305	History of Gemini/Titan launch vehicle-5 at ETR	1965
19660077307	Dynamic scaling for honeycomb structures	1965
19660077311	Mechanics of geysering of cryogenics. Volume II - Experimental results Summary report, 1 Jul. 1964 - 30 Apr. 1965	1965
19660077321	Hollow cathode beam-plasma interaction study Quarterly progress report no. 1	1965
19660077325	Results of the control angles sensitivity studies Technical memorandum no. 4	1965
19660077333	Castable carbon for nozzle applications Final technical summary report, 2 Mar. 1964 - 1 Nov. 1965	1965
19660077341	ASSET. Volume VIII - Manufacturing technology Final technical report, Apr. 1961 - Dec. 1964	1965
19660077359	Temperature-compensated quartz crystal units First interim report, 1 Jul. 1964 - 1 Apr. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077378	Night vision system utilizing infrared quantum counters Interim technical report no. 1, Apr. 1 - Sep. 30, 1965	1965
19660077423	Integrated VHF amplifier development Interim report no. 3, Jun. - Aug. 1965	1965
19660077424	Stanford Electronics Laboratories quarterly research review no. 15, 1 October - 31 December 1965	1965
19660077426	A sampling system with analog ferrite core storage	1965
19660077428	Chemical kinetics of some reactions of propylene, butyl-radicals, ketene, and diazomethane	1965
19660077429	Intramolecular energy relaxation. Butyl radical decomposition at high pressure	1965
19660077430	Triplet methylene formation on photolysis of ketene and diazomethane	1965
19660077431	The rates of decomposition of chemically activated propylene	1965
19660077435	Manufacturing technology for large monolithic fiberglass reinforced plastic rocket motor case. Volume I - Basic text Final technical documentary report	1965
19660077436	Manufacturing technology for large monolithic fiberglass reinforced plastic rocket motor case. Volume II - Appendixes Final technical documentary report	1965
19660077438	Determination of the dissociation rate of fluorine	1965
19660077439	Study of lunar geophysical surface and subsurface probes for Apollo application program Technical report, phase I	1965
19660077459	Investigation of the boron phosphide system Interim engineering report, 1 Sep. - 31 Dec. 1965	1965
19660077460	Evaluation of large titanium alloy forgings Quarterly progress report no. 3, 1 Jan. - 31 Mar. 1965	1965
19660077461	F-105F limited category II performance, stability and control tests - Appendix III	1965
19660077462	Feasibility and hazards analysis study for a fast burst reactor facility proposed to be located on Brooks Air Force Base, Texas	1965
19660077463	Transfer matrices for continuous multiple supported beams with attached masses and mass-spring systems	1965
19660077464	Theoretical research on the pressure distribution of non spinning multi-stage spacecraft performing bending oscillations Eighteenth quarterly progress report, 20 Jun. - 19 Sep. 1965	1965
19660077472	Radiometric pointing errors and target isotherms /U/	1965
19660077475	Tests of four prototype XM47 vortex rate switches /U/ Summary report	1965
19660077531	Development of composite structures for high- temperature operation Third interim technical report, 1 Mar. - 30 Jun. 1965	1965
19660077532	Fundamental research on advanced oxidizers Quarterly technical report no. 12, Sep. - Nov. 1965 /final/	1965
19660077533	The condensation coefficient of A/N TECHNICAL report, Jul. 1, 1962 - Aug. 31, 1965	1965
19660077534	Metal-organic compounds for vapor-plating applications Quarterly progress report no. 7, 1 Jun. - 31 Aug. 1965	1965
19660077538	Investigations leading to the development of a primary zinc-silver oxide battery of improved performance characteristics Sixth quarter	1965
19660077543	The penetration of an aluminum-glass interface by an originally radial shock wave	1965
19660077562	Influence of high-speed flight on photography, supplement 1 /U/	1965
19660077598	Development of standardized test methods to determine plane strain fracture toughness Technical report, Jun. 1964 - Jun. 1965	1965
19660077599	An engineering theory of nonlinear viscoelasticity with applications	1965
19660077601	Investigation of the creep fatigue and transverse properties of Al3Ni whiskers and CuAl2 platelet reinforced aluminum Second quarterly progress report, 12 Jul. - 11 Oct. 1965	1965
19660077603	Discrepancy analysis of preflight equipment failures	1965
19660077619	Large motor case engineering optimization study Final report	1965
19660077624	Structural design analysis and testing of the GEOS satellite	1965
19660077637	Spectral observations of rocket plumes in flight /U/	1965
19660077651	Guidance and control of aircraft ground movement at airports during restricted visibility - A survey of requirements and possible systems	1965
19660077654	Determination of the configuration of a system of gyroscopes so as to align the resultant angular momentum in a given direction and maximize its magnitude	1965
19660077656	Liquid oscillations in a rotating container	1965
19660077657	Strategies of schedule preference in the chimpanzee	1965
19660077662	Determination of spot values of vertical velocity and precipitation rate from values of absolute vorticity advection, 1000-500 MB THICKNESS advection and precipitable water	1965
19660077663	A broad program of research in theoretical chemistry Semiannual progress report, 1 Jan. - 30 Jun. 1965	1965
19660077665	Committee on Beryllium Metallurgy Third progress report, Sep. 1964 - May 1965	1965
19660077677	Research study of the electrochemical determination of macromolecules Quarterly progress report no. 1, 28 Jun. - 30 Sep. 1965	1965
19660077680	The safe processing of high specific-impulse propellants	1965
19660077681	Two-fluid hydrodynamic equations for a neutral, disparate mass binary mixture	1965
19660077683	Imperial-Eastman Corporation hydraulic flex hose assemblies Test report	1965
19660077684	Apollo/Saturn IB complex 37B, handling and erection guidelines Technical manual	1965
19660077732	Signal classification by automatic means	1965
19660077741	Solution of the diffusion recombination equation	1965
19660077759	Black body and flame calibration of infrared detectors	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077763	Planned interdependency incentive method Final report	1965
19660077776	Processing machine, photographic film, airborne rapid EH-S1// Final report, 1 Jul. 1963 - 25 Jun. 1965	1965
19660077786	Beverly, Hastings, Valetta and Argosy aircraft paratroop door bundles	1965
19660077788	Some comments on the conditions in a local supersonic flow region	1965
19660077789	Ad Hoc committee on metalworking processes and equipment Second progress report	1965
19660077834	Results and conclusions of the joint R.A.E./W.R.E. research programme on the flight dynamics and ballistic consistency of freely falling missiles. Part I - Bombs stabilized by fixed cruciform fins	1965
19660077835	Longitudinal susceptibility of porous, polycrystalline YIG at microwave frequencies	1965
19660077837	Vanadium alloy studies Quarterly report no. 2, 1 Jun. - 31 Aug. 1965	1965
19660077838	In flight assessment of STR 37/38 VHF /PART of the "Three Four" series of VHF communication and navigation equipment/	1965
19660077843	Development of thermal protection system for a cryogenic spacecraft module Second quarterly progress report, 1 Oct. - 31 Dec. 1964	1965
19660077844	Major test facilities of the Engineering and Development Directorate	1965
19660077846	Simplified techniques for predicting - tree responses	1965
19660077850	The examination of commercial solvents by gas-liquid chromatography. Part II - Aromatic hydrocarbons	1965
19660077853	Molecular quantum theory Final technical report, 1 Dec. 1964 - 30 Nov. 1965	1965
19660077857	Movements of the phase centre of I.L.S. airborne localizer aerials on a Varsity aircraft. A note on the implications on an automatic landing system	1965
19660077858	Evaluation of fatigue life of Chromeite plated specimens Final report, 1 Dec. 1964 - 20 Aug. 1965	1965
19660077859	Micrometeorological installations in the Canadian national air sampling network	1965
19660077861	The measurement of insitu stress, strain and load, by optical techniques Annual status report	1965
19660077863	Future technology and arms control annex 7 - Significance of laser weapon systems to ACDA in the 70's	1965
19660077867	Some aspects of organic semiconductors. Pneumatic calculation elements based on the interaction of air currents	1965
19660077868	Some aspects of organic semiconductors	1965
19660077869	Pneumatic calculation elements based on the interaction of air currents	1965
19660077871	Microradiographic study of organic iodide excretion Final scientific report, Mar. 1962 - Jul. 1965	1965
19660077881	The speed in increase of muscle strength through isometric exercises	1965
19660077882	Research on combustion of solid propellants Final summary report, 1 Dec. 1964 - 1 Dec. 1965	1965
19660077896	Report of test /reliability/ on simulator group OA-7728/GSA-51 and //	1965
19660077908	Regulator, pressure reducing, dome loaded, 3 1/2-inch I.D., Flomatics, Inc., model no. K-000 Test report	1965
19660077910	The development of an in situ probe system for the measurement of ionospheric parameters, volume II Technical report no. 277	1965
19660077911	Applied research investigation of sealed silver-zinc batteries	1965
19660077912	Methods for determining the performance characteristics of resistance strain gages at elevated temperatures	1965
19660077916	Test Procedure - Cleaning Study Program	1965
19660077922	Operating procedure for the telemetry data analysis system Technical report no. 6	1965
19660077930	The application of short-duration techniques to the experimental study of base heating. Part II - A study of Reynolds number and temperature effects on base heating for a four-engine hot rocket configuration operating at high-altitude	1965
19660077941	Evaluation of resistance versus radiant heating method on the stress-rupture properties of coated C-103 columbium alloy in air at 2400 deg F	1965
19660077948	Turbulence due to topographical effects Semiannual report no. 2, 1 Jan. - 30 Jun. 1965	1965
19660077956	Development and fabrication of two ring laser systems Final engineering report	1965
19660077958	120 channel digital reporting system Progress report no. 5	1965
19660077961	Linearity analysis of the FM-FM telemetry system Technical report no. 9	1965
19660077963	A statistical analysis of the noise and linearity characteristics of DCS GFD-5, EMR 210, and EMR 67-D discriminators Technical report no. 7	1965
19660077970	Micromodules. Production technology and parameter measurements of a semiconductor cooling battery, and its comparison with foreign-made types. The 1FT10 core- transistor element for logic circuits	1965
19660077971	Waveguide directional couplers with single coupling hole	1965
19660077972	Capabilities for testing primary and secondary batteries	1965
19660077974	Distribution of modulus of wind's vector. Certain regularities of mountain-valley circulation	1965
19660077976	Bending fatigue tests on A.S.R.1 crankshaft elements	1965
19660077979	Corrosion of experimental submarine hull steels in marine environments	1965
19660077980	The examination of some experimental gears made from nitrided R.A.R.D.E. steel	1965
19660077981	Electron-ionization cross sections Semiannual progress report, Jun. 16 - Dec. 15, 1965	1965
19660077982	Excitation of lithium-like ions by electron impacts	1965
19660077984	Energy resolution of commercial sodium iodide detectors for 50 MeV protons	1965
19660077985	Investigation in the fabrication of silicon p-n-p-n switch Interim engineering report, May 1 - Jul. 31, 1965	1965
19660077990	High energy laser research Research contract status report no. 18, 15 Nov. - 14 Dec. 1965	1965
19660077995	Characterization of epoxide resin systems by differential thermal analysis	1965
19660077999	Advances in the synthesis of heat-resistant polymers	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078003	The study of operational problems and techniques in wind tunnel testing of VTOL and STOL vehicles Process report, 31 Mar. - 1 Oct. 1965	1965
19660078016	Comparison of equilibrium and frozen flow properties of air in a hypersonic wind tunnel Final report	1965
19660078019	Computer-aided design	1965
19660078021	The impact of computer concepts on engineering design	1965
19660078057	Development of a fluid inertial navigator /U/ Interim engineering report, 1 Nov. 1963 - 31 Jan. 1964	1965
19660078058	Research in fluoro-nitro compounds /U/ Quarterly report, 1 Jan. - 31 Mar. 1965	1965
19660078059	Development of a fluid inertial navigator /U/ Interim engineering report, 1 May - 30 Sep. 1964	1965
19660078060	Development of a fluid inertial navigator /U/ Interim engineering report, 1 Feb. - 30 Apr. 1964	1965
19660078061	Development of a fluid inertial navigator /U/ Interim engineering report, 1 Apr. - 31 Jul. 1963	1965
19660078062	Testing of advanced high-energy solid propellants /U/ Quarterly report, Dec. 1, 1964 - Feb. 28, 1965	1965
19660078063	Testing of advanced high-energy solid propellants /U/ Quarterly report, Mar. 1 - May 31, 1965	1965
19660078064	Synthesis of high-energy polymers and solid oxidizers /U/ Final report, Jan. 1, 1964 - Mar. 31, 1965	1965
19660078066	Proceedings of the 1st Interagency Chemical Rocket Propulsion Group Combustion Instability Conference, volume II /U/	1965
19660078067	Combustion Instability Experience with the LEM Descent Engine /U/	1965
19660078068	Recent experiences with unstable burning at Aerojet-General /U/	1965
19660078069	Development program reports on solid rocket combustion instability /U/	1965
19660078070	Development program report on solid rocket motors /U/	1965
19660078071	Unstable combustion in TOW flight motor	1965
19660078072	Air Force developmental combustion instability problems /U/	1965
19660078073	Combustion studies of novel self-deflagrating oxidizers /U/	1965
19660078074	Combustion of metallic fuels in Composite Modified Double-Base /CMDB/ propellants /U/	1965
19660078075	Development of high impulse efficiency /HP2/ solid propellants /U/ Final report, 2 Jan. 1964 - 15 Mar. 1965	1965
19660078077	Investigations of hydrides and combustion /U/	1965
19660078079	Development of high impulse efficiency /HP2/ solid propellants /U/ Final report, 2 Jan. 1964 - 15 Mar. 1965	1965
19660078083	Optical contrast seekers - Guidance techniques for future tactical missiles /U/	1965
19660078092	Analysis of propellant and propellant ingredients for alkali metals by emission spectroscopy and flame photometry	1965
19660078093	Analysis of hypergolic igniters	1965
19660078096	The chemical analysis of hydrazinium diperchlorate	1965
19660078098	Rapid determination of moisture in solid materials	1965
19660078101	Characterization of propellant binder ingredients by gel chromatography	1965
19660078102	Determination of ethylene dimethacrylate /ethylene glycol dimethacrylate/ in nitrocellulose-base propellants by saponification, bromination, and infrared	1965
19660078103	Spectrophotometric investigation of curing reactions of the polyurethane propellant system	1965
19660078104	Micro scale separation and determination of double-base propellant components	1965
19660078108	Application of DTA-GC to compatibility and stability testing of double-base propellants	1965
19660078109	Study of arc ignition techniques for solid rocket propellants /U/ Final report, 1 Apr. 1964 - 15 Jan. 1965	1965
19660078154	RX-1, RX-2 and RX-2A Suit Development /U/ Final Report, May 1963 - Mar. 1964	1965
19660078157	Ultrasonic imaging - A review of principles, sensors, potentials, and limitations	1965
19660078158	Recent considerations on the ultrasound image camera	1965
19660078159	Applications and limitations of the ultrasound image converter in acoustic imaging	1965
19660078162	The transmission of laser light through water	1965
19660078169	Review and evaluation of residual stress measurements to study the feasibility of preparing a handbook Final report, Nov. 1 - Dec. 11, 1965	1965
19660078171	Guidelines and procedures for operation of NASA unmanned spacecraft assembly and checkout clean room facilities	1965
19660078173	Apollo/Saturn I support activities Technical progress report, Jul. - Sep. 1965	1965
19660078186	Tribrach flexure in Askania pattern kinetheodolites	1965
19660078190	Studies on molecular vibrations Final technical report, 1 Jan. 1964 - 31 Dec. 1965	1965
19660078191	A simplified valence force field of aromatic hydrocarbons. I. Normal coordinate calculations for C ₆ H ₆ , C ₆ D ₆ , C ₁₀ H ₈ , C ₁₀ D ₈ , C ₁₄ H ₁₀ and C ₁₄ D ₁₀	1965
19660078192	Crystal spectra in polarized light, vibrational assignment and force constant calculations of phenanthrene	1965
19660078193	Vibrational assignment of phenanthrene-d ₁₀	1965
19660078194	Vapour and crystal spectra in polarized light of pyrimidine-d sub 0 and pyrimidine-d sub 4	1965
19660078195	Infrared spectrum of crystalline CH ₂ I ₂ . CRYSTAL structure and phase transition	1965
19660078196	Vibrational spectra and molecular conformation of cyclenes. I. Vibrational assignment and valence force field of cyclohexene and cyclohexene-d ₁₀	1965
19660078197	Identification of microstructural constituents and chemical concentration profiles in coated refractory metal systems Quarterly report no. 2	1965
19660078200	Property determinations for CFW graphite Final report, 1 Sep. 1963 - 10 Feb. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078202	Supersonic transport handling characteristics during approach and landing flight regimes Final report, Dec. 1963 - Aug. 1965	1965
19660078204	Conductors - Subminiature, rectangular /rack, panel and cable applications/, volume II TEST procedure report	1965
19660078205	Connectors - Plug and receptacle, polarized shell, removable crimp type contact /printed wiring and related applications/, volume II Test procedure report	1965
19660078240	Retention of Fuel in Tungsten-uranium Dioxide Fuel Elements	1965
19660078267	Research on corona tubes Progress report, Oct. 1964 - Sep. 1965	1965
19660078269	The statistical solution to the problem of combining imperfect navigational data	1965
19660078276	Gas dynamic thrust-vector control	1965
19660078277	Feasibility of communications package for SNAP 10 secondary payload	1965
19660078278	Report on study of Texas Instruments and Sylvania integrated circuits	1965
19660078284	Group A acceptance	1965
19660078286	Study of basic requirements of exterior lighting for naval aircraft Final report	1965
19660078291	An experimental assessment of a VHF RADIO interferometer guidance system	1965
19660078293	Operational evaluation of the DECCA Mark VIII/X navigation systems Final report, 17 Dec. 1964 - 4 Jun. 1965	1965
19660078296	Large solid propellant boosters explosive hazards study program, Project SOPHY FOURTH quarterly progress report, 1 Jan. - 31 Mar. 1965	1965
19660078298	A study of the feasibility of using radar chaff for stratospheric temperature measurements	1965
19660078372	A bibliography of aerospace valve and fluid component technology, June 1962 - December 1965	1965
19660078384	Application of signal flow diagram techniques to the Markov process for system reliability analysis	1965
19660078392	Lunar Survey Probe delivery vehicle study Final report	1965
19660078395	The allotropy of germanium dioxide. Part 2 - Assessment of thermodynamic data for germania and vapour transport growth in the system Ge-O-H	1965
19660078399	Research on vitreous laser materials Final technical report, 1 Sep. 1964 - 31 Aug. 1965	1965
19660078400	A new interior ballistics computation system for light gas guns	1965
19660078401	Investigation of multiband photographic techniques, volume I Final report, 15 Jun. - 15 Nov. 1965	1965
19660078408	Thermal conductivity of tantalum, tungsten and tantalum-tungsten alloys Technical report, Sep. 1964 - Mar. 1965	1965
19660078417	The optimization of thermal composites Technical report, Jul. 1964 - May 1965	1965
19660078423	Miniaturized X-band stripline duplexer Final progress report, 1 Jul. 1963 - 31 Jan. 1965	1965
19660078425	Apollo Logistics Support System scientific mission support study /study of sample experiments for engineering design purposes/ Final report summary	1965
19660078426	Apollo Logistics Support System scientific mission support study /study of sample experiments for engineering design purposes/ Final report	1965
19660078435	Sage Engineering and Valve Company 1 inch relief valve, P/N 501-16, 6,000 PSIG service	1965
19660078438	Robbins Aviation, Inc. 3/8 inch manual valve P/N SSKA 375B-6C-768 6,000 PSIG SERVICE	1965
19660078441	Allis-Chalmers fuel cell power system /system number 3/ Operating instructions	1965
19660078446	Acceptance test specification - Fuel cell power systems 3, 4, 8, and 5 rebuild	1965
19660078454	Comprehensive climatology of cooling power as measured with the Davos frigorimeter. Part II - Special features of the annual variation of cooling power Final technical report	1965
19660078457	Analysis of counting accelerometer data Third summary report, 1 Jan. 1962 - 1 Jan. 1964	1965
19660078461	Aerobee NASA 4.146 DS /S/N 160-3/ /20 October 1965/ Meteorological data report	1965
19660078465	Meteorological treatises. Volume LVII, ISSUE 2 - Daily and monthly Northern Hemisphere 30-millibar synoptic weather maps of the year 1965, part II Second quarterly technical status report, Apr. - Jun. 1965	1965
19660078471	Research on the opacity of low temperature air - Oscillator strengths and transition moments of band systems of N ₂ , O ₂ , and NO Final report, 1 Jul. 1964 - 31 Jul. 1965	1965
19660078472	Ultrasonic drilling An annotated bibliography, 1957-1965	1965
19660078473	Supersonic transport program, phase IIB MONTHLY technical progress letter report, Apr. 1965	1965
19660078474	Supersonic transport program, phase IIB MONTHLY technical progress letter report Jun. 1965	1965
19660078476	Speech spectrum analysis technique Quarterly progress and status report, 1 Jul. - 30 Sep. 1965	1965
19660078478	The inert gas metal arc positional welding of 1 in. thick titanium 721 alloy Final report	1965
19660078480	Group 1 qualification test report. Water pressure relief valve, Airesearch part no. 827830-1-1	1965
19660078482	Ceramic-plastic composites for rain erosion resistant radomes	1965
19660078485	Nuclear Vehicle Flight Safety Systems Performance Studies (U) Topical Report, Sep. 12 - Dec. 11, 1964	1965
19660078486	Agema project management report for December 1965 (U)	1965
19660078493	Channel array techniques /U/ Final technical report, 1 Aug. 1963 - 1 Jun. 1965	1965
19660078498	High performance reliable VLF component of the Naval advanced communications system, volume II /U/ Final research report	1965
19660078504	Research and exploratory development for the Missile Guidance and Airframe Branch, Bureau of Naval Weapons /U/ Quarterly progress report, Oct. - Dec. 1965	1965
19660078511	All-weather mapping system analysis and equipment study /U/ Final technical report, Nov. 1964 - Nov. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078520	Study and improvement of the S-1 photoemissive surface /U/ Seventh quarterly progress report no. 21, 1 Nov. 1964 - 31 Jan. 1965	1965
19660078522	Study and improvement of the S-1 photoemissive surface /U/ Eighth quarterly report no. 24, 1 Feb. - 30 Apr. 1965	1965
19660078523	Airborne night television reconnaissance- strike /U/	1965
19660078526	High-voltage power supply Final technical report	1965
19660078535	Investigation of long range intercept and analysis techniques Final report, 17 Jun. 1964 - 30 Jul. 1965	1965
19660078538	Investigation of transition metal oxides First interim technical report, Mar. - Oct. 1965	1965
19660078539	The effect of environmental temperatures on the activities of certain enzymes in the plantar muscles of the hind paws of the white rat First final technical status report, 1 Oct. 1964 - 30 Sep. 1965	1965
19660078540	The effect of rapid change in thermal environment on ability of human blood to acetylate aromatic amines and to incorporate C14 from C14-1-acetate Final technical report, 1 May 1964 - 30 Apr. 1965	1965
19660078548	Investigations on oscillator circuits for power supplies Interim report, Jul. 28 - Oct. 28, 1965	1965
19660078549	Guide to NCEL technical documents	1965
19660078566	Research and development of semiconductor devices exhibiting injection electroluminescence as infrared radiation sources. Part III Illustrative material /U/ Final technical report, 13 Feb. 1963 - 30 Apr. 1965	1965
19660078569	Design, evaluation, qualification and pilot production for the BA-605 /MOD R/ U BATTERY /U/ Ninth quarterly report, 15 Aug. - 15 Nov. 1965	1965
19660078570	Spectrum signature measurements on the Engineering Experimental Terminal /EET/ MICROWAVE space relay /MISER/ communications system at Leesburg, Virginia /U/ Final report	1965
19660078572	Microwave radio relay /U/	1965
19660078576	Research on the thermicon image tube /U/ Quarterly report, Jul. 10 - Oct. 9, 1965	1965
19660078577	Analysis of complex explosive mixtures by means of thin layer chromatography /U/	1965
19660078583	Research on improvement of far-infrared pickup tubes /U/ Fifth quarterly report, 1 Apr. - 30 Jun. 1965	1965
19660078587	Aerobee AD 3.356 /9 November 1965/ Meteorological data report	1965
19660078591	Gust criteria study Summary report, 25 Jun. 1964 - 30 Jun. 1965	1965
19660078593	Thermal characteristics for radar reflecting and absorbing inorganic foams and coating systems Final technical report, 1 Apr. 1964 - 30 Mar. 1965	1965
19660078594	Wetness control, Airesearch part no. 820910-1-1 /ECS item 2.43/. Group I qualification test report	1965
19660078599	Submicro methods for the analysis of organic compounds Final technical report, Sep. 1964 - Sep. 1965	1965
19660078602	Results of a corrosion study on ucarsil metal protectant applied on 7075-T6 aluminum alloy	1965
19660078641	Solid propellant ignition studies Technical progress report, Feb. 1 - Jun. 1, 1965	1965
19660078646	Oscillations in axial-flow compressors. Subsonic flow past an oscillating profile in a channel or cascade Final report, Apr. - Nov. 1965	1965
19660078650	High pressure hydrogen generation for nuclear power energy depot, supplement Final technical report	1965
19660078651	Properties of silicon-iron alloys with the /110/ <001< texture made by powder metallurgy-metallurgical studies	1965
19660078652	Supersonic transport development phase II-C. SST Lockheed-General Electric coordinated inlet engine test plan	1965
19660078653	Supersonic transport development phase II-C. SST Lockheed-Pratt and Whitney coordinated inlet engine test plan	1965
19660078655	A study to develop environmental and performance factors applicable to Project Envanel	1965
19660078657	HF communication effects - Automatic analysis of oblique-incidence sounder data Final report	1965
19660078662	Study of elastomeric compounds for use as a container for pyrotechnic mixtures Final report, Jul. 6, 1964 - Sep. 6, 1965	1965
19660078663	TRACE-C powered flight trajectory determination program	1965
19660078665	Test and evaluation of the Mode 4 portion of the Collins Radio Company KY-532A TRANSPONDER Interim report	1965
19660078666	Test results from the Esso Heat Transfer Unit for FA-S-1, FA-S-2A and RAF 176-64	1965
19660078668	Detailed engineering design, thermoelectric environmental control unit Design report	1965
19660078670	Calculation of the thermal conductivity of hydrogen in the liquid and dense gaseous state	1965
19660078679	An automatic temperature measuring system for propellants undergoing stability trials	1965
19660078682	An experimental investigation of the effects of position and motion on the frequency stability of certain crystal oscillators	1965
19660078686	Face pumped laser Second semiannual technical summary report, 1 Jun. - 30 Nov. 1965	1965
19660078689	Evaluation of bundle drawing techniques for superalloy metallic yarns Research report, Oct. 1964 - Apr. 1965	1965
19660078691	Evaluation of practical methods for the construction of EMI shielded enclosures Final report, Nov. 1964 - Dec. 1965	1965
19660078694	Development of a coaxial plasma gun for space propulsion Semiannual report	1965
19660078695	Hills-McCanna Company 1/2 inch manual ball valve type F-602 1,000 PSIG service	1965
19660078698	Ring Bond, a computer program for multiple layered rings	1965
19660078701	Static confirmation tests, wing VI, II-III INTERSTAGE /section 45/ Test and data report	1965
19660078703	The strength and creep of frozen soils and calculations for ice-soil retaining structures	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078705	Selected topics, Re-Entry Physics /REP/ PROGRAM, volume II Final summary report 1 Oct. 1958 - 5 Sep. 1964	1965
19660078706	Magnetohydrodynamic generator studies. Study of Hall and nonequilibrium effects in an inert gas heater	1965
19660078707	Experimental determination of electrical conductivity of plasmas	1965
19660078708	Preliminary Mark II Hall MHD generator experiments	1965
19660078709	Nonuniformities in MHD generators	1965
19660078710	Superconducting coil development	1965
19660078711	MHD augmented driver shock tube	1965
19660078712	Radiation shielding of space vehicles by means of superconducting coils	1965
19660078713	Flight magnetohydrodynamics	1965
19660078716	Feasibility study of bandwidth compression utilizing dispersive delay lines Final report	1965
19660078718	Fuel handling and fuel channel programs Quarterly progress report, Apr. - Jun. 1965	1965
19660078720	A design study of electromagnetic interference instrumentation techniques for 50 to 75 GHz Interim engineering report, Aug. - Oct. 1965	1965
19660078732	Foundational research 1965, part 1	1965
19660078736	Radionuclide release from aerospace nuclear reactor fuels, III. Phase one - Temperature measurement of fuel under pulsed-neutron irradiation	1965
19660078746	M-center production in KC1 crystals by X-irradiation	1965
19660078747	Gas solid-state receiver protector at S band Interim development report, 15 Aug. - 15 Nov. 1965	1965
19660078753	The effects of filler-metal processing and joining techniques on MIG-weld-metal properties, January - May 1965	1965
19660078756	Study of noise reduction techniques for varactor harmonic generator type microwave sources First quarterly engineering report, 13 Aug. - 15 Nov. 1965	1965
19660078757	HY-180/210 weldments - Preliminary evaluation of the Automatic-Vertical- Aircomatic /AVA/ process for joining 12 percent Ni maraging steel, January - May 1965	1965
19660078759	Research and development philosophy as related to the navigation of transport aircraft	1965
19660078761	Research on thermionic electron emitting systems Progress report no. 1, 16 Jun. - 16 Sep. 1965	1965
19660078765	Electrical-to-fluid transducer study Final report	1965
19660078773	Flight evaluation of vertical velocity indicators Final report, 7 Aug. - 26 Nov. 1965	1965
19660078774	Factors which influence the growth of secondary crystals in nickel and some nickel alloys rolled from sintered compacts	1965
19660078776	Thin film thermistors Interim development report, 28 Sep. - 23 Dec. 1965	1965
19660078779	Study on possibilities for measurements of the arrival angle of radio short waves Final technical report	1965
19660078782	Delta-36 TIROS OT-3 operations summary	1965
19660078802	The aerodynamics of hailstones	1965
19660078837	Evaluation of some recent developments in liquid rocket propellants /U/ Monthly letter report, Mar. 1965	1965
19660078844	Investigation of high fuel temperature problems encountered during laboratory testing of the Pratt and Whitney aircraft TF30-P-1 TURBOFAN engine /U/	1965
19660078860	Mission Requirements of Lifting Systems - Engineering Aspects (U) Final Oral Briefing	1965
19660078878	Manned space flight network postmission analysis report for the Gemini GT-3 mission	1965
19660078893	Diffusion study in complex mountainous terrain. Volume II - Data supplement, November 1963	1965
19660078899	Qualification test report for variable resistance temperature transducer /hydraulic, MC fitting/ Douglas specification control number 1B34472-503	1965
19660078910	The International Symposium on Organosilicon Chemistry	1965
19660078990	Wideband notch aerial Interim report	1965
19660078993	Ionospheric Disturbances Associated with the Diurnal Activity	1965
19660079009	An investigation of airborne microwave MARCOM relay Final report	1965
19660079053	Intermittent creep and stability Ninth progress report, 15 Jan. - 15 Jul. 1965	1965
19660079056	Design, development, and fabrication of prototype pressure suits Final report, 10 Jan. 1962 - 3 Jul. 1963	1965
19660079057	The fatigue strength of titanium alloys. Plain sheet and fusion welded titanium - 2 per cent copper at room temperature and 200 deg C	1965
19660079062	Digital evaluation of a calibration technique for multiple-element array systems	1965
19660079135	Toroidal combustion chamber /U/	1965
19660079140	New concepts in ablative chambers for high performance liquid rocket engines /U/	1965
19660079141	Comparison of airbreathing propulsion systems for scramjet cruise vehicles, 1 July 1964 - 1 March 1965 /U/	1965
19660079142	Advanced ramjet concepts program, calendar year 1965 /U/ Monthly technical progress report no. 7, 1-30 Sep. 1965	1965
19660079143	Flight test evaluation report for flight test missile 459 /U/	1965
19660079151	NASA-GSFC operations plan 1-65 sequential collation of range EGRS-II	1965
19660079161	The systematic correction and weighting of analogue aerial triangulation observations and their use in strip and block adjustments Final technical report, Apr. 1964 - May 1965	1965
19660079165	ILS/UHF compatibility during an automatic landing approach	1965
19660079199	Investigation and analysis of the various factors which influence the accuracy of numerical information obtained from contour maps Technical report, 1 Oct. 1964 - 30 Sep. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079200	Test and evaluation of Log-E-tronics Incorporated contract, projection printer, model II R-5 Final technical report	1965
19660079201	Hahn-Meitner Institute for Nuclear Research, Berlin - 1964 annual report	1965
19660079203	Handbook of codes and definitions for preparation of environmental data for automatic data processing	1965
19660079204	Image enhancement experiment	1965
19660079206	Research on direct view tubes /U/ Interim report, 15 Jun. - 15 Dec. 1965	1965
19660079218	Flight Test Missile 456, weapon system 133B, rocket motor M57E1, Minuteman stage III /U/ Flight test evaluation report	1965
19660079228	Microchannel plate studies /U/ First interim technical report, 21 May - 30 Sep. 1965	1965
19660079237	A Study of RF Hazards to Electroexplosive Devices (U) Monthly Progress Report No. 3, 29 Aug. - 30 Sep. 1965	1965
19660079238	A Study of RF Hazards to Electroexplosive Devices (U) Monthly Progress Report No. 2, 29 Jul. - 29 Aug. 1965	1965
19660079267	Feasibility study of the use of liquid explosives and associated components	1965
19660079268	Apollo/Saturn 1B complexes 34 and 37B - Engine removal platform and engine removal equipment Technical manual	1965
19660079284	Analytical and experimental evaluation of the supersonic combustion ramjet engine, volume I /U/ Final technical report, Jun. 1964 - Jun. 1965	1965
19660079285	Analytical and experimental evaluation of the supersonic combustion ramjet engine, volume II /U/ Final technical report, Jun. 1964 - Jun. 1965	1965
19660079286	Analytical and experimental evaluation of the supersonic combustion ramjet engine, volume III /U/ Final technical report, Jun. 1964 - Jun. 1965	1965
19660079328	Calculated activities, exposure rates, and gamma spectra for unfractionated fission products	1965
19660079344	Performance of X-258 third stage motor Delta 29	1965
19660079405	Boeing T50-B0-10 engine - Official sea level low and high temperature "B" tests and altitude calibration Final report, 23 Aug. - 24 Sep. 1965	1965
19660079417	Considerations in the design thermal jackets for gyros	1965
19660079460	Tests of the X type Mk. 2 reserve parachute for use with the PX1 Mk. 2 and the X type Mk. 4 parachutes, November 1963 - September 1964	1965
19660079462	Stress concentrations around unreinforced circular holes in a plate under unidirectional stress	1965
19660079463	Spectral and exceedance probability models of atmospheric turbulence for use in aircraft design and operation Final report, Jun. 1964 - May 1965	1965
19660079471	Series 'S' ion exchange membrane fuel cell test program Progress report, 1 Jul. - 30 Sep. 1965	1965
19660079473	An assessment of the carbon transport problem in high temperature gas cooled reactor	1965
19660079474	Fuel elements for the first core loading of the Dragon reactor	1965
19660079475	Proposals for the periodic inspection of the pressure containment system and associated plant and equipment of the Dragon reactor	1965
19660079476	Annealing as a post-irradiation technique for the study of fission product release from coated particle fuels	1965
19660079477	The Dragon irradiation programme in retrospect	1965
19660079479	Synthesis of new fire resistant hydraulic fluids Bimonthly status report no. 4, 25 Sep. - 25 Nov. 1965	1965
19660079480	Spatial distribution of manganese, silicon, chromium and oxygen in submerged-arc weld deposits Final technical report, 1 Sep. 1964 - 15 Nov. 1965	1965
19660079481	Research on satellite attitude control using plasma pinch engines Final report	1965
19660079488	Development of design criteria for Saturn V flame deflector	1965
19660079508	An investigation of various types of decelerators at Mach number 2.8	1965
19660079520	Fatigue studies of bare bulb thermometers Final report	1965
19660079534	The endogenous metabolism of anaerobic bacteria Final technical report, 1 Jan. - 31 Dec. 1965	1965
19660079569	Electric field sensors and design assistance for USAERDL simulation facility Final report, 9 Jan. - 9 Aug. 1965	1965
19660079573	Mig welding 5 Ni-Cr-Mo-V steel Background report	1965
19660079574	LEM descent engine throttle actuator preferred parts test report. Torque motor, Inland Motor Corporation model number T-2979A, Eclipse-Pioneer type number X1842489	1965
19660079575	The jet-pump as an alternative means of providing lift in air-cushion vehicles	1965
19660079579	Effect of JP-5 sulfur content on hot corrosion of superalloys in marine environment Progress report no. 3	1965
19660079588	Trial report on lightweight section water filters	1965
19660079610	A theoretical examination of visual-aid and night-vision equipment parameters for ground- to-ground target detection /U/	1965
19660079611	Flight test evaluation report for flight test missile 2002 /U/	1965
19660079618	Investigation of High and Low Temperature Resistant Explosive Devices /U/ Second Quarterly Progress Report, 1 Apr. - 30 Jun. 1965	1965
19660079621	Investigation of High and Low Temperature Resistant Explosive Devices (U) Annual Report, 1 Jan. - 31 Dec. 1965	1965
19660079622	Investigation of High and Low Temperature Resistant Explosive Devices (U) Third Quarterly Progress Report, 1 Jul. - 30 Sep. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079623	Investigation of High and Low Temperature Resistant Explosive Devices (U) First Quarterly Progress Report 1 Jan. - 31 Mar. 1965	1965
19660079626	A report of property generation and utilization research for pattern recognition /U/	1965
19660079628	Static firing of XM-30 aged rocket motors, rounds 25 through 30 /U/	1965
19660079629	Static firing of XM30 aged rocket motors, rounds 31 through 36 /U/	1965
19660079643	Infrared sensors for spacecraft guidance and control. Supplement II - The role of horizon sensors in spacecraft guidance and control systems /U/	1965
19660079655	Titan IIIA vibration and acoustic data Summary report	1965
19660079666	X-20 /Dyna-Soar/ continuation items Technical report, Dec. 1963 - Aug. 1965	1965
19660079676	Gaseous ion laser research Interim engineering report, 1 Oct. - 31 Dec. 1965	1965
19660079679	Evaluation of the QKS622 amplatron at millisecond pulse widths Quarterly engineering report no. 5, 1 Aug. - 31 Oct. 1965	1965
19660079680	High voltage avalanche power transistor Final report	1965
19660079705	A study of high-strength-to-weight ratio structures as applied to dynamically scaled models of second and third stages of the Saturn V space flight vehicle. Part A - Structural analyses, scaling analyses and design of models	1965
19660079714	Tropical propagation research Semiannual report, 1 Jul. - 31 Dec. 1965	1965
19660079718	Preparation and properties of a novel poly-s-triazinyleneimine Final report, Aug. 1964 - May 1965	1965
19660079727	Low cost ILS glide slope and markers Final report	1965
19660079730	AOPB systems manual - R 209, Apollo antenna study program Program description	1965
19660079735	Navy thermionic diode program Semiannual technical summary report, 18 Jun. - 17 Dec. 1965	1965
19660079747	Medium energy neutral molecular beam source Final report, Oct. 1964 - Jul. 1965	1965
19660079753	Handbook of designations and specifications for Soviet nonmetallic polymeric materials, volume 1	1965
19660079754	Handbook of designations and specifications for Soviet nonmetallic polymeric materials, volume 2	1965
19660079755	Handbook of designations and specifications for Soviet nonmetallic polymeric materials, volume 3	1965
19660079756	Handbook of designations and specifications for Soviet nonmetallic polymeric materials, volume 4	1965
19660079757	Handbook of designations and specifications for Soviet nonmetallic polymeric materials, volume 5	1965
19660079764	Command system functions, commutator stopper operations, and telemetry system functions for the DME - A satellite	1965
19660079768	Boron carbide continuous filaments Summary technical report, Jul. 1964 - Jun. 1965	1965
19660079782	Trace element criteria for recognizing rocks of the Silent Canyon volcanic center Technical letter special studies I-42	1965
19660079783	Beryllium study program Fifth quarterly progress report, Feb. 1 - Apr. 30, 1965	1965
19660079791	Weapon system 133B. Rocket motor M57E1, Minuteman stage III. Flight test evaluation report for flight test missile 458 /U/	1965
19660079793	Weapon system 133B. Rocket motor M57E1, MINUTEMAN stage III. Flight test evaluation report for flight test missile 57 /U/	1965
19660079794	Performance capabilities of subsonic combustion ducted rockets /U/	1965
19660079795	An evaluation of TRESI signals with regard to their use with automatic classifier systems /U/	1965
19660079801	The thermal sensitivity of NF compounds /U/	1965
19660079806	Integrated components program, volume II /U/ Final report, 16 Mar. 1963 - 6 May 1965	1965
19660079810	Hypersonic inlet tests in helium and air /U/	1965
19660079842	Research in doped germanium photoconductors /U/ Final report, Jul. 1963 - Dec. 1965	1965
19660079845	Twenty five millimeter microchannel inverter tube /U/ Interim technical report, 26 Aug. - 26 Nov. 1965	1965
19660079853	Aerodynamic Nozzle Study. Volume III - Slipstream Studies (U) Interim Report, Aug. 1, 1964 - Jul. 31, 1965	1965
19660079864	High performance composites	1965
19660079865	ARPA objectives	1965
19660079866	Significance of the Monsanto/Washington University ARPA project	1965
19660079867	University/industrial coupling from the Monsanto point of view	1965
19660079868	Washington University and the ARPA COMPOSITE materials program	1965
19660079869	Program implementation Monsanto/Washington University ARPA project	1965
19660079870	Objectivity, serendipity, and fallout	1965
19660079871	Research problems in high performance composites	1965
19660079872	A simple theory of the stress-strain properties of filled polymers	1965
19660079873	The application of thermodynamic methods to problems of composite materials	1965
19660079874	The function of the matrix in fiber reinforced laminates	1965
19660079875	Fibers for composites	1965
19660079883	Mechanical tests at room and elevated temperatures on hiduminium 100 /S.A.P./. PART V - Fatigue tests on 16 S.W.G. clad and unclad sheet and 1 in dia. extruded bar with various oxide contents /M.O.A. CONTRACT Kt/e/09/	1965
19660079905	Performance analysis of SD60D1 squib Final report	1965
19660079910	Similitude studies of a linear elastic structure	1965
19660079916	Bibliographies on vibrations of beams, plates, and shells and bibliography of structural matrix methods	1965
19660079918	Digital processing of strain rosette data in random vibration	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079921	Investigations of ries glasses	1965
19660079922	The design and feasibility of an atmospheric re-entry ablation and sampling experiment	1965
19660079923	Research and development for ATR gas loop Monthly report, Jul. 1965	1965
19660079924	Gas coolant compatibility - Metals and ceramics	1965
19660079925	Two-phase flow and boiling heat transfer	1965
19660079926	Sandia Corporation aerospace nuclear safety annual report, July 1963 - June 1964	1965
19660079930	Study of launch vehicle cost parameters Final technical report	1965
19660079932	Alternate Apollo mission descriptions. Volume 3 - Technical appendixes	1965
19660079943	Tables of Ferrers' functions /generalized Legendre polynomials/	1965
19660079959	The separation of RDX and HMX by thin layer chromatography and their limits of detection	1965
19660079962	Development of manufacturing methods for producing pyrolytic graphite in various shapes and structures Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19660079972	Development of a new high-strength semiaustenitic precipitation hardenable stainless steel Quarterly progress report, 1 Aug. - 1 Nov. 1965	1965
19660079989	Analysis of an optical communication system for Mars exploration	1965
19660079990	Scaled intercept test program - Laboratory phase through September 1965	1965
19660079991	Analysis of an experimental laser optical alignment system	1965
19660079992	Computer processing of signals with particular reference to simulation of electric filter networks	1965
19660079993	The development and application of special chemical analytical methods. Part 1 - Spot- colorimetry Research report, May 1962 - Sep. 1963	1965
19660080009	A Transient Heat Transfer and Thermodynamic Analysis of the Apollo Service Module Propulsion System Volume I - Transient Thermal Analysis. Appendix D - Apollo Mission Parameters (U) Final Report	1965
19660080030	An examination of selected HF phase modulation techniques	1965
19660080037	Center notch plane strain K1c fracture toughness properties of several high-strength steel alloys Technical report, Jan. 1964 - Jan. 1965	1965
19660080154	Survey of bioclean facilities. Volume II - Overall conclusions, recommendations and summaries of individual facilities	1965
19660080161	Computer experiments on the randomization of electrons in a collisionless plasma Technical report, Oct. 1961 - Dec. 1965	1965
19660080169	Qualification test on Potter and Brumfield relay number FC-4063	1965
19660080175	Visit of U.K. nuclear fusion research team to U.S.S.R., April 1965	1965
19660080177	Studies on the delay and trapping of fission product noble gases	1965
19660080178	Post-irradiation evaluation of fuel elements irradiated in superheated steam. Part 3 - Metallography	1965
19660080192	Optimal filter design for sampled data systems with illustrative examples	1965
19660080197	F-105D statistical flight loads program, volume I Final report, 20 Dec. 1963 - 22 Mar. 1965	1965
19660080240	Saturn V/S-IVB stage modifications for propellant control during orbital venting	1965
19660080266	Hydrogen-oxygen reaction studies Final report	1965
19660080269	Survey of bioclean facilities. Volume III - Detailed results and evaluations of individual facilities Final report	1965
19660080276	Electronics Division Progress report, 1 Jul. - 31 Dec. 1964	1965
19660080311	Semiannual progress report number 2, July 1 - December 31, 1965	1965
19660080336	A study of the relative potencies of 1-hyoscine and cyclizine in preventing motion sickness, in producing side effects, and in affecting mental performance	1965
19660080344	Research and development of fuel cell systems Twelfth monthly progress report, 20 Jun. - 20 Jul. 1965	1965
19660080345	Research and development of fuel cell systems Eleventh monthly progress report, 20 May - 20 Jun. 1965	1965
19660080346	Research and development of fuel cell systems Thirteenth monthly progress report, 20 Jul. - 20 Aug. 1965	1965
19660080347	Research and development of fuel cell systems Fourteenth monthly progress report, 20 Aug. - 20 Sep. 1965	1965
19660080348	Research and development of fuel cell systems Fifteenth monthly progress report, 20 Sep. - 20 Oct. 1965	1965
19660080349	Research and development of fuel cell systems Sixteenth monthly progress report, 20 Oct. - 20 Nov. 1965	1965
19660080355	Research and development of fuel cell systems Fifth monthly progress report, 20 Nov. - 20 Dec. 1964	1965
19660080356	Research and development of fuel cell systems Sixth monthly progress report, 20 Dec. 1964 - 20 Jan. 1965	1965
19660080357	Research and development of fuel cell systems Seventh monthly progress report, 20 Jan. - 20 Feb. 1965	1965
19660080358	Research and development of fuel cell systems Eighth monthly progress report, 20 Feb. - 20 Mar. 1965	1965
19660080359	Research and development of fuel cell systems Ninth monthly progress report, 20 Mar. - 20 Apr. 1965	1965
19660080360	Research and development of fuel cell systems Tenth monthly progress report, 20 Apr. - 20 May 1965	1965
19660080365	Biology and health physics division Progress report, 1 Apr. - 30 Jun. 1965	1965
19660080383	Quantitative atlas of infrared stratospheric transmission in the 2.7 micron region	1965
19660080398	Development of hypersolid ignition system /U/ Quarterly progress report, 1 Aug. - 31 Oct. 1965	1965
19660080399	Mach 5 to 12 development program /U/ Second quarterly progress report	1965
19660080402	Microwave propagation characteristics of a model engine exhaust using a gelled metallized liquid fuel /U/	1965
19660080445	An investigation of airborne microwave MARCOM RELAY, volume I Final report, Nov. 1964 - Aug. 1965	1965
19660080450	Engineering investigation of direct liquid hydrocarbon air fuel cells Final technical report, 22 Sep. 1964 - 30 Sep. 1965	1965
19660080476	Experimental research in low temperature physics Final report, Jul. 1, 1962 - Dec. 31, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080529	Research in the space sciences progress report, dec. 10, 1964 - jun. 10, 1965	1965
19660080530	Stability of nonconservative systems semi- annual progress report no. 3, apr. 1 - sep. 30, 1965	1965
19660080556	<partial support for the prevention of deterioration center< seventh quarterly status report, jul. 1 - sep. 30, 1965	1965
19660080558	<advanced theoretical and experimental studies in automatic control and information systems< semiannual status report, 16 nov. 1964 - 30 jun. 1965	1965
19660080562	<interdisciplinary studies in space-related science and technology< semiannual report, jan. 1 - jun. 30, 1965	1965
19660080563	<theoretical and experimental studies of high altitude chemical releases, using digital computing, photochemical and spectrophotographic analyses< semiannual status report no. 6, 1 mar. - 31 aug. 1965	1965
19660080565	<turbulence coefficients and stability studies for the coaxial flow of dissimilar fluids< semiannual progress report, jun. 1 - sep. 1, 1965	1965
19660080567	<analytical and experimental study, using photoelastic methods, to establish a stress analysis of a viscoelastic< semiannual status report, apr. 1 - oct. 1, 1965	1965
19660080568	Radiation Effects in Silicon, First Monthly Progress Report, Dec. 1-3, 1961	1965
19660080582	Solar thermionic flight experiment study. volume ii - mission analysis /phase i/ final report	1965
19660080597	The problem of man's gravito-inertial force environment in space flight progress report no. 10, 1 jul. - 30 sep. 1965	1965
19660080598	Geochemistry of trace elements in meteorites sixth semiannual report, mar. 16 - sep. 15, 1965	1965
19660080599	Photoemission studies of solids first semiannual report, may 6 - nov. 6, 1965	1965
19660080600	Dispersion strengthened systems progress report, jan. 15 - sep. 15, 1965	1965
19660080605	Life cycle tests monthly progress report, 30 apr. 1965	1965
19660080661	Analog/hybrid computer study semiannual progress report, apr. 1 - oct. 1, 1965	1965
19660080662	Investigate the applicability of visual performance data to operational problems in space letter progress report, aug. 1965	1965
19660080663	Thermo-Mechanical Theory of Non-Newtonian Fluids Final Report, Jul. 1, 1964 - Jun. 30, 1965	1965
19660080826	Noise and spectrum analysis of numerical data technical report, jun. - sep. 1965	1965
19660080868	Heavy particle dosimetry for long range, manned space flight quarterly progress report, jul. - sep. 1965	1965
19660080870	<space-oriented research in the physical, biological and engineering sciences< semi- annual report, period ending 31 aug. 1965	1965
19660080877	Vhf absorption, cosmic ray and geomagnetic field correlation, and satellite observations second semiannual status report, 1 oct. 1964 - 31 mar. 1965	1965
19660080878	Meteor and comet studies quarterly progress report, 1 apr. - 30 jun. 1965	1965
19660080879	Experiments with the bioelectric potentials	1965
19660080881	Studies of human dynamic space orientation using techniques of control theory third semiannual status report	1965
19660080897	<multidisciplinary research program in space sciences and engineering with particular emphasis on bio-engineering< progress report no. 1	1965
19660080904	Non-newtonian fluid mechanics /molecular mechanisms/, 1 march - 31 august 1965	1965
19660080906	Informal letter progress report to nasa on progress at the jicamarca radar observatory during the period jun. - sep. 1965	1965
19660080977	Research in space-related sciences semi- annual report, 1 may - 31 oct. 1965	1965
19660081003	Study in cometary astrophysics quarterly report, 19 aug. - 19 nov. 1965	1965
19660081004	Electron microscope method for measuring diffraction grating groove geometry	1965
19660081015	A new concept of electrical impedance plethysmography status report, period ending may 31, 1965	1965
19660081021	Theoretical and experimental studies of the underlying processes and techniques of low pressure measurement semiannual status report, 1 mar. - 31 aug. 1965	1965
19660081022	Neurosciences research program bulletin, volume 3, no. 1 summary reports	1965
19660081025	<development of a miniature solid-state current limiter< monthly progress report, sep. 1965	1965
19660081064	Inviscid and viscid interaction of non-isoenergetic compressible streams in ejectors and thrust augmentation systems semiannual status report, 1 feb. - 31 jul. 1965	1965
19660081065	Theoretical and experimental studies in astrophysics semiannual status report no. 5, feb. 1 - jul. 31, 1965	1965
19660081080	<special functions and solution representations of partial differential equations< annual progress report	1965
19660081138	Constitutive equations and non-newtonian fluid mechanics semiannual status report, mar. 1 - aug. 31, 1965	1965
19660081140	Development of a stable ultraviolet source and techniques for accurate radiometry status report, jul. 1 - sep. 30, 1965	1965
19660081151	Geoscience data extraction from radar imagery Fifth quarterly progress report	1965
19660081164	Hippocampal states and functional relations with corticosubcortical systems in attention and learning	1965
19660081165	<a study of the biochemical effects of ionizing radiation in man< semiannual status report, 1 apr. - 30 sep. 1965	1965
19660081166	Experimental and theoretical study of ionospheric electron content and upper ionosphere ionic processes by means of satellite radio transmissions semiannual report, 1 may - 31 oct. 1965	1965
19660081167	A quantitative study of solutions through gas chromatography semiannual report no. 4	1965
19660081168	Nonlinear dynamics of thin shell structures quarterly status report no. 6, 15 jul. - 14 oct. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660081169	Theoretical studies of the rheology of disperse systems interim progress report no. 3, 1 jun. - 30 nov. 1965	1965
19660081170	<conditioned avoidance behavior of paramecium aurelia> status report, dec. 1, 1964 - nov. 1, 1965	1965
19660081171	<theoretical and experimental investigation of the physics of crystalline surfaces> third quarterly status report, 1 aug. - 31 oct. 1965	1965
19660081172	A study program for the development of vlf space experiment semiannual status report, 1 mar. - 31 aug. 1965	1965
19660081173	<conduct research to develop and test a prototype photo-polarimeter suitable for use with balloons and space vehicles> quarterly progress report, 1 aug. - 31 oct. 1965	1965
19660081174	The magnetic field component of the neural impulse progress report, oct. 14, 1964 - oct. 14, 1965	1965
19660081199	<microspectrophotometric techniques of studying the constituents of living cells and organelles> semiannual status report, 1 apr. - 30 sep. 1965	1965
19660081201	Basic research investigation on flow mechanism and heat transfer in separated flows semiannual status report, 3 apr. - 2 oct. 1965	1965
19660081217	Spectroscopic study of solar and planetary atmospheres semiannual status report no. 5, 1 feb. - 1 aug. 1965	1965
19660081218	Communication by electrical stimulation of the skin interim report, 15 jan. 1964 - 15 aug. 1965	1965
19660081222	The locus of reinforcement semiannual status report	1965
19660081223	Design, development, fabrication and installation of 105-inch lunar and planetary telescope at mc donald observatory quarterly status report no. 4, 23 jun. - 22 sep. 1965	1965
19660081252	Investigation of warm fog properties and fog modification concepts quarterly progress report, period ending 15 nov. 1965	1965
19660081262	An investigation of nonlinear interaction phenomena in the ionosphere semiannual progress report no. 2, 1 dec. 1964 - 1 jun. 1965	1965
19660081263	<research on optical instrumentation suitable for incorporation in an orbiting astronomical observatory> interim progress report, 1 mar. - 31 may 1965	1965
19660081264	International conference on fracture	1965
19660081265	<photovoltaic effects in semiconductors, including consideration of radiation damage> first semiannual report, 1 may - 31 oct. 1965	1965
19660081266	Design criteria for zero-leakage connectors for launch vehicles quarterly progress report no. 11, 15 jul. - 1 oct. 1965	1965
19660081267	<research in basic physiological mechanisms which defend the human body against heat and cold, and determine the extent and efficiency of energy transformations in the human body and isolated body constituents at the molecular> research report, 1965	1965
19660081268	Semiannual status report, jan. - jul. 1965	1965
19660081269	Techniques of radio frequency mass spectrometry semiannual status report, period ending 15 sep. 1965	1965
19660081315	Status report no. 7, february 1 - july 31, 1965	1965
19660081316	<receiver techniques and detectors for use at millimeter and submillimeter wavelengths> annual summary report, 1 sep. 1964 - 30 sep. 1965	1965
19660081322	<space related research in selected fields of physics and astronomy, including cosmic rays, interplanetary magnetic fields, solar physics, theoretical astrophysics> semiannual status report, 1 apr. - 30 sep. 1965	1965
19660081353	Application of the pade approximant method to an investigation of the susceptibility of an ising square lattice	1965
19660081356	Comparison of detailed numerical solutions with simplified theories for the characteristics of the constricted-arc plasma generator	1965
19660081358	Theoretical and experimental investigations of the mechanical strength of solids semiannual progress report	1965
19660081476	Quarterly report, 1 april - 30 june 1965	1965
19660081502	<analysis of satellite data for studies related to ionospheric plasma research> semiannual status report, apr. 1 - sep. 30, 1965	1965
19660081503	Satellite meteorology studies status report, 1 aug. - 31 oct. 1965	1965
19660081504	Jet noise and turbulence semiannual progress report, may 1 - nov. 1, 1965	1965
19660081506	<multidisciplinary research in the space related physical, engineering, social and life sciences> progress report	1965
19660081507	<construction of a 60-inch lunar and planetary telescope> letter progress report	1965
19660081515	Study of parametric performance of a two-stage repetitively pulsed plasma engine /reppac/	1965
19660081518	<photochemical transformation of acetate into algae cell material> semiannual status report no. 2, may 1 - dec. 1, 1965	1965
19660081534	Laboratory research on airglow excitation mechanisms using atomic beam techniques semiannual status report no. 1, nov. 1965	1965
19660081535	Submillimeter interference spectrometer status report, 1 may - 31 oct. 1965	1965
19660081537	Analytical studies of relationships between far-field radiation patterns and near-field current distributions and surface configurations, including consideration of the effects of small-vehicle /few wavelengths/ on antenna performance final report,	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660081538	<the chemistry and photochemistry of nucleic acid constituents and related compounds, their detection, characterization and isolation< semiannual progress report no. 3	1965
19660081543	Theoretical research on the periodic motion and stability of a small mass under the gravitational attraction of two heavy bodies status report no. 6, 1 mar.-31 aug. 1965	1965
19660081573	Investigation of systems and techniques for multi-component micro-force measurements on wind tunnel models semiannual status report, jan. 15 - jul. 15, 1965	1965
19660081574	Organic systems involving transition metals for optical maser materials semiannual research report, 1 apr. - 30 sep. 1965	1965
19660081575	Theoretical investigation of plasma waves and space vehicles plasma sheaths semiannual report, 1 apr. - 30 sep. 1965	1965
19660081576	Theory of differential equations and their relationship to dynamical systems theory progress report no. 2, apr. 1 - sep. 30, 1965	1965
19660081579	Polarization Effects in Two-Phonon Raman Scattering in Cubic Crystals	1965
19660081580	Note on the Fluidynamic Jump Conditions at a Moving Interface	1965
19660081588	Comparative Studies on Ribosomal Nucleoside Triphosphatases	1965
19660081590	On the Atmospheric Oscillations Excited by Turbulence	1965
19660081597	Interpretation of the High Resolution Mass Spectrum of Dihydrobuphanisine	1965
19660081603	Studies of the constitution of planetary interiors, and mathematical techniques for planetary modeling semiannual report, apr. - sep. 1965	1965
19660081607	Heat transfer to a gas containing a cloud of particles semiannual status letter report no. 7	1965
19660081608	<study of potential economic benefits of agricultural resource surveys from earth orbiting research laboratories< status report, 1 jun. - 31 aug. 1965	1965
19660081609	Plasma Chemistry	1965
19660081610	Performance study of a high energy molecular beam apparatus and measurement of momentum accommodation coefficients under satellite conditions semiannual status report, period ending 1 sep. 1965	1965
19660081613	Quantitative investigation of the mineralogy and petrography of the iron meteorites	1965
19660081614	Research on the physics of solid materials semiannual status report no. 13, 1 may - 31 oct. 1965	1965
19660081615	Backstreaming from oil diffusion pumps progress report, 1 apr. - 30 jun. 1965	1965
19660081616	Nonequilibrium gasdynamics related to propulsion systems quarterly report, period ending 30 sep. 1965	1965
19660081628	A definition of the laplace transform	1965
19660081631	An experimental investigation of radiation effects in semiconductors semiannual status report, jan. 1 - jun. 30, 1965	1965
19660081636	Computer-aided circuit analysis semiannual report, may 15 - nov. 14, 1965	1965
19660081637	Experimental studies of perceptual processes. section four - neurobiological program progress report	1965
19660081638	Boiling flow instability semiannual status report	1965
19660081639	Studies of lunar and martian soil mechanics fourth quarterly progress report, sep. 15 - dec. 15, 1965	1965
19660081640	Stability limits for longitudinal waves in a plasma traversed by an ion beam	1965
19660081652	The effect of surface reactions on fatigue failure quarterly status report, sep. 1 - nov. 30, 1965	1965
19660081653	An Investigation of a Sono-chemical Approach in Sterilization Problems Third Semiannual Progress Report, 1 Jul. - 31 Dec. 1965	1965
19660081654	Infrared spectra of molecules and materials of astrophysical interest semiannual progress report no. 1, 1 jun. - 30 nov. 1965	1965
19660081656	Development of improved method for measurement of spectral irradiances from solar simulators status report no. 5	1965
19660081657	The development of a high vacuum system technical report no. 1	1965
19660081658	Data analysis in connection with the national geodetic satellite program quarterly progress reports no. 1 and 2, apr. 1 - sep. 30, 1965	1965
19660081659	<investigation of hypergeometric functions and elliptic integrals< final report	1965
19660081662	Body fluid volume and electrolyte derangements in fasting semiannual report no. 2, apr. 1 - sep. 30, 1965	1965
19660081668	Analysis and improvement of iteration methods for solving automatic control equations semiannual status report, feb. - jun. 1965	1965
19660081701	Semiannual report to nasa, 1 july - 31 december 1965	1965
19660081742	<scientific and engineering studies related to manned space science problems< letter report, 1 oct. - 1 nov. 1965	1965
19660081744	<scientific and engineering studies related to manned space science problems< letter report, 1 - 30 nov. 1965	1965
19660081746	Lunar rock coring device design study. appendix j - drawings and specifications	1965
19660081762	A program to investigate, characterize, and describe meteorites in the collections of arizona state university semiannual status report, 1 mar. - 31 aug. 1965	1965
19660081763	Study and evaluation of the constant-momentum mass spectrometer for ion analysis in the d and e regions of the ionosphere semiannual report, 1 jun. - 1 dec. 1965	1965
19660081764	Saturn illustrated chronology, april 1957 - august 1963	1965
19660081766	Cooling service-quick disconnect /omc/ final summary report	1965
19660081767	Laboratory studies of electron collision frequency semiannual status report no. 1, 1 may - 1 nov. 1965	1965
19660081768	Shifting the composition of government spending - implications for the regional distribution of income	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660081769	<investigations in space communications theory semiannual status report, 1 apr. - 30 sep. 1965	1965
19660081770	<investigation of fatigue propagation in thin plates and shells< status report	1965
19660081776	Hydrodynamics of tire hydroplaning semiannual progress report	1965
19660081808	Variational methods for solving heat conduction problems semiannual status report, apr. 15 - oct. 15, 1965	1965
19660081809	Nonlinear response of elastic shells status report, may 31 - oct. 31, 1965	1965
19660081810	On the interpretation of strong co2 absorption bands in the spectrum of mars	1965
19660081812	Statistical evaluation of the composition, physical properties, and surface configuration of a terrestrial test site and their correlation with remotely sensed data interim progress report	1965
19660081814	Plane polarization in magnetic variables	1965
19660081819	Psychophysiological and performance correlates of information processing in small groups final semiannual status report	1965
19660081821	Experimental and analytical studies of plasma transport properties semiannual progress report, 1 jun. - 30 nov. 1965	1965
19660081823	On the origin of cosmic x-rays	1965
19660081824	Study of atmospheric turbulence and its effect on a vehicle during launch semiannual progress report no. 4, 1 mar. - 31 aug. 1965	1965
19660081859	X-22A Tri-Service V/Stol Aircraft Monthly Progress Report No. 35, Oct. 1-31, 1965	1965
19660081870	Research on the mechanism and kinetics of oxidation of silicon in air first semiannual report, jun. 1 - sep. 30, 1965	1965
19660081873	<application of plasma dynamics and statistical mechanical to plasma propulsion< status report, jul. 1 - sep. 30, 1965	1965
19660081874	<theoretical studies in radiative transfer in planetary atmospheres and rarified gases, and in related topics of astrophysical interest< semiannual status report, apr. 1 - sep. 30, 1965	1965
19660081876	Neurophysiological and behavioral studies of chimpanzees, including establishment of a group of implanted animals suitable for space flight status report, jan. 1 - dec. 31, 1965	1965
19660081884	Fabrication feasibility study of a 20 watt per pound solar array bimonthly report no. 4, period ending oct. 22, 1965	1965
19660081898	XC-142A Vtol Transport Program Monthly Progress Report,	1965
19660081909	An activation criterion for repeated use of an optimal fixed time constant energy regulator	1965
19660081965	Extreme vacuum technology including cryosorption, diffusion pump and pressure calibration studies quarterly status report no. 9, 1 aug. - 1 nov. 1965	1965
19660081977	Information processing of data describing arbitrary solids semiannual status report, jun. 1 - nov. 30, 1965	1965
19660081978	Research in the area of control system theory semiannual status report, may 1 - oct. 31, 1965	1965
19660081982	Research on x-ray diffraction studies of lunar-type materials progress report, apr. - oct. 1965	1965
19660081983	Low-power, low-speed data storage and processing techniques seventeenth and eighteenth quarter progress report, jun. 1 - nov. 30, 1965	1965
19660081985	Studies on trace elements in the sporulation of bacteria and the germination of bacterial spores informal semiannual report, 1 jun. - 31 dec. 1965	1965
19660081986	Partial support for the prevention of deterioration center quarterly status report no. 8, oct. 1 - dec. 31, 1965	1965
19660081987	Statistical evaluation of the composition, physical properties, and surface configuration of terrestrial test sites and their correlation with remotely sensed data semiannual status report, apr. 1 - sep. 30, 1965	1965
19660081991	Experimental research on hemodynamic and related physiological functions in primates. primate hemodynamics and metabolism in an orbiting satellite semiannual status report, 1 feb. - 31 jul. 1965	1965
19660082049	Basic mechanisms of stress corrosion cracking of titanium	1965
19660082065	Novel techniques for ruling improved large diffraction gratings semiannual status report no. 3, jun. 1 - nov. 30, 1965	1965
19660082066	Analysis of the direct current arc progress report no. 1, jun. - dec. 1965	1965
19660082067	<studies of the isotopic and trace element composition of tektites, including considera- tion of tektite origin< final report, 1961 - 15 oct. 1965	1965
19660082094	The nbs three-station technique for s-66 faraday rotation studies	1965
19660082096	Reentry radiation and air flow fourteenth quarterly progress report, 1 sep. - 30 nov. 1965	1965
19660082097	Rocket base flow field studies using an electron beam probe quarterly progress report no. 2, 26 sep. - 25 dec. 1965	1965
19660082175	A fundamental and feasibility study of ring- vortex gaseous-core cavity reactor semiannual report no. 3, 1 feb. - 31 jul. 1965	1965
19660082177	Studies in cometary astrophysics final report, 15 apr. 1964 - 15 apr. 1965	1965
19660082179	Origin of the large wells creek meteorite impact structure semiannual status report, 15 may - 15 dec. 1965	1965
19660082199	The research potential of manned earth orbiting spacecraft in the field of meteorology	1965
19660082216	Analytical investigations of laminar separations using the "crocco-lee's mixing parameter" method semiannual report, 1 jun. - 30 nov. 1965	1965
19660082231	The Care and Use of Hibernating Mammals	1965
19660082270	Causes of Strain Birefringence Around the Notches in Moldavites	1965
19660082272	A Bit-saving Encoding Scheme for a Set of Monotonic Numbers	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660082294	The stanford study of the mariner iv occultation data semiannual report no. 2, apr. 1 - sep. 30, 1965	1965
19660082295	Theoretical investigation of radiation damage in solar cells semiannual status report, 1 sep. 1964 - 28 feb. 1965	1965
19660082296	The mechanism of stress corrosion of titanium alloys exposed to chlorides at elevated temperatures status report, period ending nov. 30, 1965	1965
19660082297	Study of Heat Transfer Through Convective Layers Status Report, Jan. 1 - Jun. 30, 1965	1965
19660082314	Observations of the Equatorial Ionosphere Using Incoherent Backscatter Quarterly Status Report, 1 Jan. - 31 Mar. 1965	1965
19660082320	Temperature Control of Unmanned Spacecraft	1965
19660082327	The Flux of Protons in the Primary Cosmic Radiation over Fort Churchill	1965
19660082333	An extension of the parameter plane method	1965
19660082334	Manned lunar exploration investigations semiannual report, jul. 1, 1964 - jan. 1, 1965	1965
19660082338	Low solar absorptance and emittance surfaces for mars entry capsule and near solar missions quarterly progress report, 29 jun. - 15 oct. 1965	1965
19660082354	Plasma flow in a multipole magnetic channel quarterly status report, 1 sep. - 30 nov. 1965	1965
19660082363	An Automatic Filter Method in Spectrophotometry	1965
19660082429	Saturn vehicle cryogenic programs	1965
19660082430	The use of terrestrial test sites and aircraft flights in preparing for remote sensing from earth orbital spacecraft	1965
19660082478	Methods for determining the mechanical compliances of crack toughness test specimens quarterly report, oct. - dec. 1965	1965
19660082667	A study of cyclic plastic stresses at a notch root	1965
19660082711	Space flight operations plan. mariner mars '64	1965
19660082764	Stitched foam thermal protection system for the lh2 tank wall of the centaur flight vehicle final report, period ending 1 oct. 1965	1965
19660082842	Chronic acceleration research laboratory	1965
19660082847	The pressure dependency in the oxidation of platinum explained by a boundary-layer diffusion mechanism	1965
19660082848	Combined taylor and helmholtz instability in hydromagnetics including hall effect	1965
19660082850	Thermal conductivities of ordinary and isotopically substituted polar gases and their equimolar mixtures	1965
19660082871	Landau damping and growth of electrostatic modes with finite system effects	1965
19660082872	Reliability Test of Saturn S-IB Stage 1/2-Inch Quick-Disconnect Nipple /20C30141/	1965
19660082892	The Earth's Magnetic Field	1965
19660082901	Monthly progress report, period ending 1 december 1965	1965
19660082903	A study of selected radiation and propagation problems related to antennas and probe in magneto-ionic media semiannual progress report no. 5, 1 apr. - 30 sep. 1965	1965
19660082906	Novel fragmentation in buphanisine via interpretation of its high resolution mass spectrum	1965
19660082920	Activation analysis as applied to the petroleum exploration industry	1965
19660082969	An Aspect of the Economic Impacts of Defense and Space Contracts in the Philadelphia Metropolitan Area	1965
19660083049	Quasi-biennial Cycles in Cosmic-ray Intensity	1965
19660083065	Methodologies in the solution of systems of non-linear differential equations, with emphasis on the n-body problem final report	1965
19660083069	Unsteady Viscous Vortex with Flow Toward the Center	1965
19660083070	Telemetering of Accelerations on Free-Flight Models in Hypersonic Tunnels	1965
19660083120	Trisomic frustum aerodynamic loads study progress report, sep. 1965	1965
19660083122	Investigation of surface ionization on metallic surfaces quarterly progress report, 16 sep. - 15 dec. 1965	1965
19660083128	Oscillation Periods of Neutron Stars	1965
19660083130	Transmission Characteristics of Kerr Cell Shutters	1965
19660083208	Space cell test program monthly progress report	1965
19660083229	Research on Failure Free Systems Quarterly Report No. 5, 20 Oct. 1964 - 20 Jan. 1965	1965
19660083231	Investigation of the Polarization Characteristics of Jupiter's Decametric Radiations and Their Potential Application as a Probe of the Media Between Earth and Jupiter Status Report, 25 Oct. 1964 - 25 Oct. 1965	1965
19660083251	Study to investigate the effects of ionizing radiation on transistor surfaces progress report no. 5, nov. 1965	1965
19660083252	A theoretical investigation of the properties of planetary atmospheres informal report, jun. - nov. 1965	1965
19660083254	The overall spectrum of astronomical research possibilities utilizing manned earth-orbital spacecraft	1965
19660083333	Poly/imidazopyrrolones/ - a new route to ladder polymers	1965
19660083350	Spatial nucleation and crystal growth progress report no. 3, jun. 1 - nov. 30, 1965	1965
19660083354	Nanosecond Light Sources for Gain Stabilization	1965
19660083386	An evaluation of a high temperature blackbody as a working standard of spectral radiance	1965
19660083496	A New Study of Stellar Molecular Abundances. I - the Influence of Polyatomic Molecules on Previously Determined Abundances	1965
19660083497	A Nightside Magnetospheric Configuration as Obtained from Trapped Electrons at 1100 km.	1965
19660083498	Occurrence of planetary systems in the universe	1965
19660083508	The Synthesis and Destruction of Elements in Peculiar Stars of Types A and B	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660083538	Reliability assessment and development study report on mrir-pcm subsystem	1965
19660083563	Vhf absorption, cosmic ray and geomagnetic field correlation, and satellite observations third annual status report, 1 apr. - 30 sep. 1965	1965
19660083565	Infrared radiation measurements of combustion gases fifth quarterly progress report, jul. 1 - sep. 30, 1965	1965
19660083569	Selenodetic and Physical Studies of the Lunar Surface Ninth Semiannual Status Report, 1 Jul. - 31 Dec. 1965	1965
19660083645	Technical program, liquid oxygen and fuel prevalues for nasa saturn program twenty-ninth monthly progress report, 1-30 nov. 1964	1965
19660083674	Proceedings of the conference on propellant tank pressurization and stratification, volume ii - a theoretical model for predicting thermal stratification and self pressurization of a fluid container	1965
19660083743	Exposure system for small animals at atmospheric and reduced pressures	1965
19660083787	Interdisciplinary Studies in Space-related Science and Technology Semiannual Progress Report, Jul. 1 - Dec. 31, 1965	1965
19660083805	Development program of the d05-129 hydraulic transformer phase i report	1965
19660083821	Planetary Physics x - Total Absorption Cross Section of Atomic Oxygen Below 910 Angstrom	1965
19660083833	Quarterly report on ucla space program, period ending january 31, 1965	1965
19660083853	Cosmic Ray Production by Vibrating Neutron Stars	1965
19660083857	An Appeal for Observations of the Moon	1965
19660083858	Alternating-current Power Diode with Magnetic Regeneration	1965
19660083888	Research on gravitational mass sensors quarterly progress report no. 4, jul. 15 - oct. 14, 1965	1965
19660084013	A Patrol of the Lunar Surface with a 24-inch Reflector and Image Orthicon System Semiannual Status Report, 1 Jun. - 30 Nov. 1965	1965
19660084022	Static and dynamic effects of eccentric stiffening of plates and cylindrical shells	1965
19660084078	The origin lunar surface features	1965
19660084175	Gravity gradient stabilization system seventeenth monthly progress report, 1-30 nov. 1965	1965
19660084176	Gravity gradient stabilization system for the application technology satellite fourteenth monthly progress report, 1-31 aug. 1965	1965
19660084191	Analytical and experimental performance of capacitor powered coaxial plasma guns	1965
19660084213	Improvement of Charge and Overcharge Characteristics of Silver Cadmium Cells	1965
19660084214	Galactic Coordinates for the General Catalogue of Radial Velocities	1965
19660084217	A Phase-Coherent, Digitally Controlled Subcarrier Oscillator for Pulse Frequency Modulation Telemetry	1965
19660084218	Resolution of the nimbus high resolution infrared radiometer	1965
19660084243	Upper atmosphere physics and laboratory astrophysics selected reprints	1965
19660084290	Interpreting ranger photographs from impact cratering studies	1965
19660084291	On the use of thiele's semi-invariants in ferromagnetism	1965
19660084369	Equilibrium temperature structure in the mesosphere and lower thermosphere	1965
19660084489	Observations of Type Iii and Type Iv Solar Radio Bursts at 26.3 Mc/s	1965
19660084491	On the Orbital Period of Algol System	1965
19660084492	Observability of indigenous organic matter on the moon	1965
19660084494	Intramolecular energy transfer in homogeneous and mixed lanthanide complexes	1965
19660084495	A note on the theory of thermoelastic dissipation	1965
19660084496	Results of recent investigations of jupiter's decametric radiation	1965
19660084497	Recent research on ways to improve tire traction on water, slush or ice	1965
19660084503	Determination of Mean Elements for Vinti's Satellite Theory	1965
19660084508	Ratio of ca and cy in nuclear beta decay	1965
19660084594	Gravity gradient stabilization system for the applications technology satellite tenth monthly progress report, 1-30 apr. 1965	1965
19660084596	Research in Space Sciences Semi-annual Report, Jun. - Nov. 1965	1965
19660084627	Miniature transformers test report /final/, sep. 24, 1964 - apr. 1965	1965
19660084630	The Low Energy Spectrum of Cosmic Rays as an Indicator of Primary Source Characteristics and Interstellar Propagation	1965
19660084662	Development of material specifications and qualifications of polymeric materials for the jpl spacecraft materials guidebook monthly technical progress report no. 9, 10 mar. - 10 apr. 1965	1965
19660085480	Planetary physics. xi - electron temperatures in the region	1965
19660085578	Aerial Observations of the Sea Surface off the Atlantic Coast of the United States	1965
19660085658	On the Quantum Efficiencies of Twenty Alkali Halides in the 12-21 Ev Region	1965
19660085659	Limiting forms of the screened coulomb t matrix	1965
19660085663	On the Relativistic Oscillatory Motion	1965
19660085664	Virial Coefficients for the Exponential Repulsive Potential	1965
19660085718	On the high order effects in the methods of krylov-bogoliubov and poincare	1965
19660085722	A mechanism for mass ejection in red giants	1965
19660085723	Sequential Position and Covariance Estimation /space/ Trajectory Program Analytical Manual	1965
19660085798	Fourth-Stage Scout Rocket Motor Program	1965
19660085801	Fourth-Stage Scout Rocket Motor Program	1965
19660085847	An optimal information and control policy in interplanetary guidance	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660085850	Fourth-Stage Scout Rocket Motor Program	1965
19660085851	Fourth-Stage Scout Rocket Motor Program	1965
19660085867	Some Aspects of Weakly Conducting, Ionized Gases	1965
19660086079	Adhesion and cold welding	1965
19660086174	Theoretical and Experimental Investigation of Collision Cross-Sections in Atomic Processes Progress Report	1965
19660086270	Clean rooms - a selected bibliography	1965
19660086275	An analysis of the effects of differential phase feedback on a type 2 feedback control system as applied to phase-lock receivers technical report no. 8	1965
19660086276	Investigation of Auroral Zone Ionospheric Forward Scatter Progress Report No. 2, 1 Jul. - 30 Sep. 1965	1965
19660086354	An experimental analysis of the micro- neuroanatomy of the central nervous system	1965
19660086355	Development of material specifications and qualifications of polymeric materials for the jpl spacecraft materials guidebook monthly technical progress reports no. 7 and 8, 10 dec. 1964 - 10 feb. 1965	1965
19660086470	Blood glucose and corticosterone changes accompanying altered lipid metabolism induced by exposure to acceleration stress	1965
19660086472	Complete fractionation of bacteriochlorophyll and its degradation products	1965
19660086476	The response of flush diaphragm pressure transducers to thermal gradients	1965
19660086480	Modification of Eutectic Alloys for High-temperature Service	1965
19660086562	An estimate of the number and size of dna replicating units in cultured human /hela s3/ cells	1965
19660086588	Radiation-stimulated dna synthesis in cultured mammalian cells	1965
19660086632	Effects of melting upon thermal models of the earth	1965
19660086766	Research in the synthesis and characterization of magnetic ferrofluids quarterly report no. 1, 14 jun. - 14 sep. 1965	1965
19660086825	Minimax attitude control of aeroballistic launch vehicles monthly progress report	1965
19660086827	Research in the development effort of an improved multiplier phototube second quarterly report	1965
19660086908	Topological Groups with Equal Left and Right Uniformities	1965
19660086910	Atomic and Molecular Hydrogen in the Thermosphere	1965
19660086912	Instrumentation and techniques for measurement of sonic-boom signatures	1965
19660086913	Interatomic Forces at Very Short Range	1965
19660086915	An Electron Densitometer for Irradiation Studies in the Electron Microscope	1965
19660086916	The effect of the earth's radiation belts on an optical system	1965
19660086918	A Correlation of the Frictional Characteristics for Turbulent Flow of Dilute Non-newtonian Fluids in Pipes	1965
19660086919	Reduced gravity simulator for studies of man's mobility in space and on the moon	1965
19660086921	Infrared Reflectance Spectra of Igneous Rocks, Tuffs and Red Sandstone from 0.5 to 22 Microns	1965
19660086924	Photochemical Equilibrium Studies of Carbon Dioxide and Their Significance for the Venus Atmosphere	1965
19660086925	Oxide Growth in an Al-al2o3 Sap-type Alloy by Hot Stage Transmission Electron Microscopy	1965
19660086926	Optical Pumping of the Positive Column of a Helium Dc Discharge	1965
19660086928	Schlieren Photographs from Holograms	1965
19660086933	Dielectric aging and microstructure in the system batio3 - catio3	1965
19660086934	Interdisciplinary studies of the effects of high energy protons of biologic systems semiannual status report, jan. 1 - jun. 30, 1965	1965
19660086935	Some effects of airplane operations and the atmosphere on sonic-boom signatures	1965
19660086936	Transverse waves in a relativistic plasma	1965
19660086937	Dispersion strengthening	1965
19660086939	The absolute energy of the a3 sigma plus over u technical report no. 9	1965
19660086940	A modified cell-cluster theory for the solid state with application to the harmonic model	1965
19660086942	The nature of the sonic-boom problem	1965
19660086943	Photographs of particles from an aerobee rocket at 130 - 204 km altitude	1965
19660086944	Hydromagnetic instability of the magnetospheric boundary	1965
19660086945	Rheological behavior of dilute suspensions of solid viscoelastic spheres in a newtonian fluid	1965
19660086946	Random dispersive waves	1965
19660086947	The reactions of carbon atoms with n2, h2, and d2 at 4.2 deg k	1965
19660086948	Tables for the evaluation of the faxen approximation to the solution of the lamm equation	1965
19660086994	Computation of the Absorption Factor of Centimeter and Microwaves in the Atmosphere Oxygen k Raschetu Koeffitsienta Pogloshcheniya Santimetrovykh i Millimetrovykh Radiovoln v Atmosfernom Kislorode	1965
19660086995	Contribution of the Circumterrestrial Dust Cloud to the Brightness of the Zodiacal Light and F-corona o Vklade Okolozemnogo Pylevogo Oblaka v Yarkost' Zodiakal'nogo Sveta i F-korony	1965
19660086996	Cosmic Rays and Plasma Events in the Galaxy and Metagalaxy Kosmicheskiye Luchi i Plazmennyye Yavleniya v Galaktike i Metagalaktike	1965
19660086997	Influence of the Moon on the Position of the Axis of Zodiacal Light Os' Zodiakal'nogo Sveta i Vliyaniye Luny Na Yeye Polozheniye	1965
19660086999	Space Investigations Preface and Table of Contents Issledovaniya Kosmicheskogo Prostranstva	1965
19660087000	Influence of the sun's supercorona on the visible position and shape of translucent radio sources o vliyaniy sverkhkorony solntsa na vidimoye polozheniye i formu prosvechivayushchikh radioistochnikov	1965

Accession Number (DocID)	Title	Publication Year
19660087002	Interpretation of Sc Observations in Space During Magnetic Storms Ob Interpretatsii Nablyudeny Vnezaphnykh Nachal Magnitnykh Bur' v Kosmicheskome Prostranstve	1965
19660087004	Hydrodynamics of Cloud Systems k Gidrodinamike Oblachnykh Sistem	1965
19660087005	Flow of Particles of Various Energies in a Rotating Magnetosphere Dvizheniye Chastits Razlichnykh Energiy Vo Vrashchayushcheyasya Magnitosfere	1965
19660087007	Limitation of the Resolution of Radiotelescopes and Radiointerferometers on Account of Conditions of Radiowave Propagation in Space and in the Earth's Atmosphere Ogranicheniye Razreshayushchey Sily Radioteleskopov i Radiointerferometrov Za Schet Uslo	1965
19660087008	Peculiarities of Motion of Tiny Meteor Bodies Osobennosti Dvizheniya Melkikh Meteornykh Tel	1965
19660087009	Preliminary Results of Measurements of the Intensity of the Distributed Cosmic Radio Emission in the 725 and 1525 Kc Frequencies on the Satellite "electron - 2" Predvaritel'nyye Rezul'taty Izmereniya Intensivnosti Raspredelennogo Kosmicheskogo Radi	1965
19660087010	On a Method of Measurement of the North-south Component of Ultrashort Wave Refraction in the Ionosphere and of Optical Thickness Gradient Ob Odnom Metode Izmereniya Severno-yuzhnoy Sostavlyayushchey Refraktsii Ukb v Ionosfere i Gradianta Opticheskoy	1965
19660087011	On the Use of Indicator Elements for the Estimate of Radioactive Anomalies in the Regions with Arid Climate o Primenenii Elementov-indikatorov Dlya Otsenki Radioaktivnykh Anomaliy v Rayonakh s Aridnym Klimatom	1965
19660087012	Nuclear-active High Energy Particles and the Accompanying Extensive Cosmic Ray Showers Yaderno Aktivnyye Chastitsy Vysokoy Energii Is Soprovozhdayushchiye Ikh Shirokiye Atmosfernyye Livni Kosmicheskogo Izlucheniya	1965
19660087013	On the Possibility of Nuclear Reactor Use for Direct Measurements in Space of Nn-scattering Cross-section o Vazmozhnosti Ispol'zovaniya Yadernogo Reaktora v Kosmicheskome Prostranstve Dlya Pryamogo Izmereniya Secheniya Nn-rasseyaniya	1965
19660087015	On the possible role of neon and argon metastable states in the aurora afterglow o vozmozhnoy roli metastabil'nykh sistoyaniy neona i argona v protsessakh poslesvecheniya polyarnykh siyaniy	1965
19660087017	Use of Phase Techniques for the Study of Polarization Phenomena at Radiowave Reflection from Meteor Trails Ispol'zovaniye Fazovoy Tekhniki Dlya Izucheniya Polyarizatsionnykh Yavleniy Pri Otrazhenii Radiovoln Ot Meteornykh Sledov	1965
19660087018	To the Theory of Venus' Radio Emission k Teorii Radioizlucheniya Venery	1965
19660087019	On the spatial distribution of muon fluxes in broad air showers o prostranstvennom raspredelenii potokov myuonov shirokikh atmosfernykh livnyakh	1965
19660087020	27-day variations of the geomagnetic field disturbance on zero days of cosmic ray intensity 27-dnevnyye variatsii vozmushchennosti geomagnitnogo polya po nul'-dnyam intensivnosti kosmicheskikh luchey	1965
19660087021	On Radio Emission and Differences in the Upper Mantle of "maria" and "continental" Regions of the Moon o Radioizlucheni i Razlichnykh Verkhnego Pokrova "morskikh" i "materikovykh" Oblastey Luny	1965
19660087024	On the Sun - Troposphere Relationship k Voprosu Svyazi Solntse - Troposfera	1965
19660087025	Calculation of the Effect of Closed Air Circulation on the Equilibrium Distribution of Ozone in the Earth's Atmosphere o Raschete Vliyaniya Zamknutoy Vozdushnoy Tsirkulyatsii Na Ravnovesnoye Raspredeleniye Ozona v Zemnoy Atmosfere	1965
19660087302	Astrophysical Events and Radiocarbon Astrofizicheskiye Yavleniya i Radioglerod	1965
19660087303	Difference in the Heating Rate of the Eastern and Western Limbs of the Moon After an Eclipse Razlichnye Skorosti Nagrevaniya Vostochnogo i Zapadnogo Krayev Luny Posle Zatmeniya	1965
19660087304	Accounting of the averaging effect of antenna radiation pattern during measurements of moon's radio emission uchet usrednyayush- chego deystviya diagrammy napravlenosti anteny pri izmereniyakh radioizlucheniya luny	1965
19660087312	Ionization cross sections for neutral-neutral collisions utilizing asymmetric charge transfer	1965
19660087314	Cutoff phenomena for guided waves in moving media	1965
19660087315	A 27-day periodicity in outer zone trapped electron intensities	1965
19660087316	Critical temperatures and critical fields of multiple superconducting and normal conducting films	1965
19660087319	Rupture of amorphous polymers	1965
19660087320	The thermodynamics of dilute interstitial solid solutions	1965
19660087335	On the possibility of determination of the s-index from the distribution of unsteady meteor radioecho durations o vozmozhnosti opredeleniya pokazatelya s po raspredeleniyu dlitel'nostey neustoychivykh meteornykh radioekho	1965
19660087352	Measurements of the Initial Radii of Ionized Meteor Trails from Parallel Observations of Radiometers in Two Wavelengths Izmereniya Nachalnykh Radiusiv Ionizirovannykh Meteornykh Sledov Iz Parallelnykh Nablyudeny Radiometeorov Na Dvukh Dlinakh Vo	1965
19660087353	On the thermal radiation of jupiter o teplovom izlucheni yupitera	1965
19660087354	Investigation of the excited hydrogen radioline in the 5 cm wavelength with the aid of a quantum paramagnetic amplifier issledonaniye radiolinii vobuzhdennogo vodoroda na volne 5 cm s primeneniyem kvantovogo paramagnitnogo usilitelya	1965
19660087627	A study of the metallic and stony meteorites by means of electron microprobe x-ray analyses supplement to semiannual status report, 1 nov. 1964 - 1 may 1965	1965
19660087652	Users Manual for Goddard Orbit Determination Program	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660087671	Hypervelocity impact of microparticles quarterly progress report no. 18, 1 jan. - 30 mar. 1965	1965
19660087686	Some aspects of the problem of determination of the true radio brightness distribution over the sky neotoryye aspekty zadachi opredeleniya istinnogo raspredeleniya yarkosti po nebu	1965
19660087687	Variation of Solar Wind Intensity with the Phase of the Solar Activity Cycle According to Data of Steady Geomagnetic Field Oscilla- Tions Izmeneniye Intensivnosti Solnechnogo Vetra s Fazoy Tsikla Solnechnoy Ativnosti Po Dannym Ustoychivyykh Kolebani	1965
19660087688	Scattering of Electromagnetic Waves by a Cone-shaped Ionized Wave Rasseyaniye Luchey Elektromagnitnykh Voln Konusoobraznym Ionizirovannym Sledom	1965
19660087689	To the question of ionized gas distribution near the galactic plane k voprosu o raspredelenii ionizirovannogo gaza vblizi galakticheskoy ploskosti	1965
19660087702	Study on pressure distributions in conical nozzles final report	1965
19660087719	Qualification Testing Study and Test Program of Integrated Circuits First Quarterly Report, 29 Jun. - 30 Sep. 1965	1965
19660087734	Scattering of Electromagnetic Waves by an Ionized Wake in the Form of a Paraboloid of Revolution Rasseyaniye Elektromagnitnykh Voln Ionizirovannym Sledom v Vide Paraboloida Vrashcheniya	1965
19660087737	On the Temperature of the Intergalactic Gas o Temperature Mezhalakticheskogo Gaza	1965
19660087800	Hypervelocity impact of microparticles quarterly progress report no. 19, 1 apr. - 30 jun. 1965	1965
19660087801	Hypervelocity impact of microparticles quarterly progress report no. 17, 1 oct. - 31 dec. 1964	1965
19660087802	Hypervelocity impact of microparticles quarterly progress report, 1 jul. - 30 sep. 1965	1965
19660087836	Strengthening mechanisms in wire products quarterly progress report, jun. 1 - sep. 1, 1965	1965
19660087844	Special Arod System Studies Sixth Quarterly Report, Period Ending Mar. 31, 1965	1965
19660088076	A Mars Skip-Out Capsule for In-Flight Atmospheric Measurements	1965
19660088085	Linc evaluation program final report	1965
19660088266	Radiation damage to semiconductors by high-energy electron and proton radiation progress report, 15 sep. 1964 - 15 mar. 1965	1965
19660088347	The minimal realization of a nonanticipative impulse response matrixes	1965
19660088348	A perturbation theory of isoelectronic molecules - convergence of series for one dimensional delta potential model	1965
19660088349	Approximate perturbation treatment of h2plus	1965
19660088351	Theoretical investigations of nuclear reactions and structure progress report, 17 jun. - 17 dec. 1965	1965
19660088352	Data analysis in connection with the national geodetic satellite program quarterly progress report, 1 apr. - 30 sep. 1965	1965
19660088353	Stellar rotation and the position of the metallic-line stars in the color-magnitude diagram	1965
19660088354	Surface spikes - a perturbation of growth steps	1965
19660088355	Strength of ceramic specimens containing parallel cylindrical holes	1965
19660088357	Deposition of silica films by the glow discharge technique	1965
19660088358	Stationary dust-filled cosmological solution with lambda equals 0 and without closed time-like lines	1965
19660088360	Free fall experiments with negative ions and electrons	1965
19660088361	Heat transfer and instability studies of two- phase flow semiannual progress report, 1 mar. - 31 aug. 1965	1965
19660088363	The character of gravisphears	1965
19660088364	Existence of two phases in one-dimensional classical fluids	1965
19660088365	A conceptual investigation of rotation- translation transformation of platonic polyhedra progress report	1965
19660088367	Observations on internally oxidized silver- magnesium and silver aluminum alloys	1965
19660088368	Experimental evidence for the 2s state of the gamma3/2 exciton in ki	1965
19660088369	Pitch angle dependence of first order fermi acceleration at shock fronts	1965
19660088370	The dynamical state of the interstellar gas and field	1965
19660088371	The opacity of the universe to high energy photons	1965
19660088372	Millimeter and submillimeter interference spectroscopy techniques	1965
19660088373	The detection of signals in gaussian noise	1965
19660088374	Fluorescent origin of the light from a supernova outburst	1965
19660088375	An improved theoretical lunar photometric function	1965
19660088376	Enhancement of rate of decarboxylation of pyruvic acid and of hydrolysis of adenosine phosphates by thermal polyanhydro-alpha-amino acids	1965
19660088377	Studies of the accelerated pyruvate decomposition in aqueous solution through thermal proteinoids untersuchungen ueber den beschleunigten pyruvat-abbau in waessriger loesung durch thermische proteinoid	1965
19660088378	Behavior of biaxially prestressed ceramic plates under thermal loading	1965
19660088379	Molecular inelastic collision cross sections from the radiometer force	1965
19660088380	Bipolar angle averages and two-center, two- particle integrals involving r12	1965
19660088382	Attenuation constants of waveguides with general cross sections	1965
19660088383	Selected studies of molecular organization and mental function second annual status report, 1 aug. 1964 - 31 jul. 1965	1965
19660088384	Laws relating to activities in space quarterly progress report, period ending 30 sep. 1965	1965
19660088385	Astronomical research with balloon-borne telescopes, including refinement of launch and recovery techniques progress report, may - oct. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088386	Forms of water in biologic systems, volume 125, art. 2	1965
19660088455	Contributions to the law of the proportion- ality of inertia and gravity	1965
19660088460	Look angle module program document	1965
19660088468	A study of static directional stability effects on entry vehicle flight control at hypersonic speeds	1965
19660088470	Torsional analysis of the eego vehicle	1965
19660088471	Final design report for the 150g 2 stage sled system, volume i	1965
19660088481	Radar reflectivity measurements of several reflectors for microwave targets technical report, aug. - sep. 1964	1965
19660088486	Two years of observation of telluric currents at irkutsk	1965
19660088489	High-vacuum lubricant tests for the j-2 engine gimbal	1965
19660088492	Fracture micromechanics of fe-ni-co and other alloys quarterly progress report, 1 oct. 1964 - 1 jan. 1965	1965
19660088498	Results of low speed wind tunnel investiga- tions of four types of lateral control devices on the 367-80 airplane with boundary layer control flaps	1965
19660088503	Theory of rotation for the planet mercury	1965
19660088505	Photomechanical investigation of structural behavior of gyroscope components final report	1965
19660088506	Upper limit on the binding energy of a magnetoturbulent supermassive star	1965
19660088507	Ranger 8 and 9 Tracking at Radio-Optical Observatory	1965
19660088512	Optical mixing and detection in semiconductors annual report on research project rp7-21, 1964	1965
19660088518	Argo d-4 stage 3-4 wind tunnel test results final report	1965
19660088520	Ultimate stress test report, saturn telemetry power divider, transco part no. 42250-1	1965
19660088523	The work of the research section of the packaging institute in dresden	1965
19660088528	Regulator, power, transducer excitation, signal conditioner, breadboard test report /mc 284-0171/	1965
19660088531	The determination of diethyl and dibutyl phthalates in ethyl cellulose	1965
19660088532	Effectiveness of target detection by radio means of detection	1965
19660088533	Development of composite structural materials for high temperature applications progress report, 23 feb. - 22 may 1965	1965
19660088540	Multiple access to a communication satellite with a hard-limiting repeater. volume ii- proceedings of the ida multiple access summer study	1965
19660088542	High pressure rotary viscometer for small amounts of liquid	1965
19660088544	Fabrication feasibility study of a 20 watt per pound solar array bi-monthly report no. 3, period ending aug. 22, 1965	1965
19660088545	Alkaline battery charger and state-of-charge indicator, developed by leland airborne products division of the american machine and foundry company, evaluation of	1965
19660088553	Gemini spacecraft- instrumentation system specification, supplement no. 3 /spacecraft no. 3/, volume i	1965
19660088554	Gemini spacecraft - instrumentation system report, supplement no. 5 /spacecraft no. 5/, volume i	1965
19660088555	Gemini spacecraft- instrumentation system report, supplement no. 4 /spacecraft no. 4/	1965
19660088556	Gemini spacecraft- instrumentation system specification, supplement no. 3 /spacecraft no. 3/, volume ii	1965
19660088557	Gemini spacecraft no. 8, performance/configu- ration specification	1965
19660088558	Gemini spacecraft no. 5, performance/configu- ration specification	1965
19660088559	Gemini spacecraft number 12 performance/ configuration specification	1965
19660088568	Anisotropic liquids for detection of contaminants thirteenth letter report	1965
19660088597	Dual mode scramjet monthly letter progress report, sep. 1965	1965
19660088610	Monthly progress letter no. 9, 1-31 october 1965	1965
19660088646	Sodium vapor experiment thirteenth monthly progress report, aug. 1965	1965
19660088647	Refraction of injected sound by a very cold nitrogen jet	1965
19660088648	The nasa speech resource book	1965
19660088649	Preliminary flight data on the compound high performance uh-1 helicopter interim report no. 22	1965
19660088652	Gemini spacecraft number 9 performance/ configuration specification	1965
19660088653	An ion pumped ultra-high vacuum system final report, 3 mar. - 14 may 1965	1965
19660088654	Long life rate measuring package fourth monthly progress report, aug. 1965	1965
19660088655	Transient voltage suppressors	1965
19660088656	Comparison of spacecraft maneuvering control systems employing strap-down gyros	1965
19660088658	Collective protection against cb agents sixth bimonthly progress report, 1 may - 30 jun. 1965	1965
19660088662	Design and development of a distance measuring device monthly progress report, 1 aug. 31 aug. 1965	1965
19660088663	Reference drawings	1965
19660088668	Investigation of Heat Transfer in Nonequilibrium Reacting Systems Third Quarterly Progress Report, 14 Jan. - 14 Apr. 1965	1965
19660088674	Flight Test Monthly Progress Report No. 13 for Month of September 1965 for XB-70A Air Vehicles	1965
19660088701	Monthly progress letter no. 4, 1-31 may 1965	1965
19660088725	Investigation to determine the feasibility of an aerodynamic spike in hypersonic flow. supplement to program plan	1965
19660088772	Gemini spacecraft number 10 - performance/ configuration specification	1965
19660088775	Satellite radiation measurements and relative heating within the atmosphere monthly progress report no. 7, 8 aug. - 8 sep. 1965	1965
19660088776	Apollo re-entry ship allowable interferometer output and "platform" misalignment errors	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088779	Slush hydrogen fluid characterization and instrumentation analysis second monthly progress report, oct. 1-31, 1965	1965
19660088793	Detail specification for standard space launch vehicle standard core	1965
19660088820	Control organization methods and techniques study /comats/ - a study of design philosophy and implementation for the control of tactical digital switching centrals in the future field army quarterly progress report, period ending 31 mar. 1965	1965
19660088829	Program for remote detection of personnel	1965
19660088834	Magnetic tape recording system, model art- 560-14. appendix i - description of failures and corrective action qualification test report	1965
19660088836	<analytic studies in the learning and memory of skilled performance> semiannual report, 1 apr. - 30 sep. 1965	1965
19660088837	The lunar-solar effect on the orbital life- times of artificial satellites with highly eccentric orbits /lifetimes of highly eccentric satellites/	1965
19660088845	Linear structured glass fibers quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19660088879	Applicability of inertialess scanning techniques to the design of surveillance radar antennas fourth quarterly report, 1 feb. - 30 apr. 1965	1965
19660088884	Evaluation of proposed configuration for f-4 hydraulic motor driven fuel transfer pump control system modification first report /final/	1965
19660088886	Preparation and properties of potential green laser materials containing hexavalent uranium	1965
19660088887	Plasma jet tests of large scale, instrumented, phenolic nylon and silicone ablaters	1965
19660088889	Analytical method for determining hexavalent and trivalent chromium present in mil-c-5541 type coatings	1965
19660088892	Mission oriented advanced nuclear system parameters study. volume vii - computer program documentation, mission optimization program, planetary stopover and swingby missions. part 1 - program description final report	1965
19660088898	Atlas Flox Program Monthly Progress Report Fifth Monthly Progress Report, 31 Jan. - 27 Feb. 1965	1965
19660088905	Atlas Slv-3/ltv Velocity Package for Boosting the Extended Pioneer Payload	1965
19660088907	Atlas flox program sixth monthly progress report, 28 feb. - 3 apr. 1965	1965
19660088909	Toroidal Combustion Chamber Evaluation Program Informal Quarterly Report, 15 May - 15 Jul. 1965	1965
19660088914	Symposia on scale and nondestructive testing	1965
19660088921	<study of decision making and information processing> progress report	1965
19660088922	Research on techniques and procedures for the cultivation of hydrogen-fixing bacteria tenth quarterly status report, 1 jul. - 30 sep. 1965	1965
19660088934	Amplitron device assessment interim report	1965
19660088935	Meteorological data report. nike-apollo speedball ii, round no. 75, sn 32 /29 september 1965/	1965
19660088939	Vapor-phase reactions of organic compounds with oxygen annual report, 20 jun. 1964 - 21 jun. 1965	1965
19660088941	Instrumentation for nuclear emulsion track analysis	1965
19660088945	Investigation of du pont 'nomey' high temperature electrical insulating polyamide paper	1965
19660088948	The effect of geometry of a medium on its optical response	1965
19660088955	Model c-141a engineering flight test results of the oxygen systems evaluation	1965
19660088958	Final report, 22 july 1964 - 23 july 1965	1965
19660088962	Radar set model an/fps-16/v/, volume 3	1965
19660088963	Radar set model an/fps-16/v/, volume 8	1965
19660088964	Mission oriented advanced nuclear system parameters study. volume viii- computer program documentation mission optimization program planetary flyby mission. part 1, program description final report	1965
19660088968	<physical limitations of life> quarterly progress report, 18 mar. - 18 jun. 1965	1965
19660088970	Radar set, model an/fps-16/v/, volume i	1965
19660088975	Be-3-a3 Injection Rocket Nozzle Modification Project Final Report	1965
19660088976	A study of hero fixes final report, 30 jun. - 15 nov. 1964	1965
19660088982	Technical status report, january - march 1965	1965
19660089002	Considerations on the Applications of Airbreathing Propulsion for Boost to Orbit Applications	1965
19660089005	Cx-6 v/stol assault transport support system study, volume ii. section vi- military subsystems final report, 19 jan. - 5 aug. 1965	1965
19660089008	Dynamic stability tests on a 0.217-scale model of the cs-1ft re-entry vehicle at mach 10	1965
19660089026	Radar Set Model AN/FPS-16(V)	1965
19660089027	Radar set model an/fps-16/v/ /rca/, systems 47, 48, and 49. volume 9- vendor data technical manual	1965
19660089028	Radar set model an/fps-16/v/ /rca/, systems 47, 48, and 49. volume 5- drawings and connection lists, pt. 1 technical manual	1965
19660089036	Pogo magnetic field measurements	1965
19660089044	Transient radiation effects final report, feb. 26, 1964 - feb. 28, 1965	1965
19660089078	Scramjet flight test program monthly letter progress report, aug. 1965	1965
19660089079	Scramjet flight test program monthly letter progress report, sep. 1965	1965
19660089086	XB-70A Air Vehicles Flight Test	1965
19660089127	Monthly progress letter, september 1 - 30, 1965	1965
19660089130	Staff/bit program monthly progress report, oct. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089158	Advanced re-entry programs. volume i- aerophysics and observables semiannual report	1965
19660089195	Design and development of a distance measuring device monthly progress report, 1-31 oct. 1965	1965
19660089201	Contrast thresholds for air to ground vision	1965
19660089203	Absorption of light in gases fourth quarterly letter report, period ending 30 sep. 1965	1965
19660089209	Research relevant to frequency-sharing communications satellites systems quarterly progress report, 1 jul. - 30 sep. 1965	1965
19660089212	Investigation of properties of rare earth ions semiannual status report, 1 Mar. - 31 Aug. 1965	1965
19660089264	Minuteman data book. section 6.0, issue no. 14 - guidance and control /autonetics/	1965
19660089274	Some integrals associated with x-ray absorption	1965
19660089276	Formation flight	1965
19660089287	Auxiliary electrode for charge control of sealed nickel-cadmium batteries quarterly progress report no. 5, 15 jun. - 14 sep. 1965	1965
19660089290	Final report	1965
19660089291	Oscillation spectra in the helium-neon- gaslaser	1965
19660089292	Report of Test on Beckman Model 53 Trimmer Potentiometers	1965
19660089293	Study of the introduction and diffusion of rare gases in metals	1965
19660089311	Radar set model an/fps-16 /v/. /systems 47, 48 and 49/, volume 2	1965
19660089312	Radar set model an/fps-16 /v/. /systems 47, 48 and 49/, volume 7	1965
19660089313	Radar set model an/fps-16 /v/. /systems 47, 48 and 49/, volume 4	1965
19660089318	Transistor - high-voltage, planar, silicon, npn	1965
19660089361	Staff/bit program progress report, sep. 1965 /u/	1965
19660089375	Observation of depopulation of the paramag- netic resonance of trivalent iron in calcium tungstate	1965
19660089376	Neodymium laser glass improvement program quarterly status report, 1 jul. - 30 sep. 1965	1965
19660089399	Data acquisition report for solid propellant rocket motor static firings	1965
19660089407	Development of articulated telescope, xm126, and telescope mount, xm153 interim report	1965
19660089408	Development of manufacturing methods for indium arsenide infrared detecting cells technical documentary report, 1 jun. 1963 - 31 dec. 1964	1965
19660089410	Cavitation bubble photographic studies in water and mercury	1965
19660089411	Qualification tests on spherical pressure tank, part number 6438-1, serial number 0014 for the electrada corporation airite division	1965
19660089413	Semiconductor Device Qualification Tests, General Specification	1965
19660089414	Cvd research project rp4-6. gas discharge research- vx4151 hydrogen thyratron rating study final report	1965
19660089417	Basic electronics technology and testing practices. chapter 11- testing techniques and practices	1965
19660089421	Semiconductor device qualification tests, general specification	1965
19660089422	Semiconductor devices qualification tests, general specification	1965
19660089428	Coils without iron for the production of very intense continuous magnetic fields. calculation and realization	1965
19660089429	Capacitor, variable, air dielectric - trimmer	1965
19660089438	Mission Oriented Advanced Nuclear System Parameters Study. Volume Ix - Computer Program Documentation Final Report	1965
19660089442	Mission Oriented Advanced Nuclear System Parameters Study. Volume V - Parametric Nuclear Rocket Engine Data	1965
19660089447	Tungsten-water Moderated Nuclear Rocket Program. Volume v - Addendum No. 1 Status Report	1965
19660089451	Tests of a dual-chamber controllable solid rocket motor at simulated altitude conditions in the high altitude facility for the amcel propulsion company, a division of celanese corporation of america, volume iii	1965
19660089452	Tests of a dual-chamber controllable solid rocket motor at simulated altitude conditions in the high altitude facility for the amcel propulsion company, a division of celanese corporation of america, volume ii	1965
19660089455	Development of a 1,500,000-lb-thrust /nominal Vacuum/ Liquid Hydrogen/Liquid Oxygen Engine Monthly Technical Progress Report No. 32, 1-31 Aug. 1965	1965
19660089456	Research and Exploratory Development Quarterly Report, Jul. - Sep. 1965	1965
19660089457	Uncoated Nitronium Perchlorate Propellant Development	1965
19660089472	A Discussion of J-2 Engine Exhaust Radiation Flicker Frequency Characteristics, Appendix a Fourth Informal Quarterly Report, 19 Mar. - 19 Jun. 1965	1965
19660089532	Liquid hydrogen flexible ducting technology progress report no. 14 and quarterly report no. 5, 1 aug. - 31 oct. 1965	1965
19660089533	Semiconductor Device Qualification Tests, General Specification	1965
19660089534	Semiconductor Device Qualification Tests, General Specification	1965
19660089541	Stress corrosion of light alloys an annotated bibliography, 1964 - jun. 1965	1965
19660089542	Nasa fiberglass reinforced plastic cylinders final report	1965
19660089544	R and d management research	1965
19660089553	Briefing on range automated information system /rais/ and colingo at nasa headquarters on july 6, 1965	1965
19660089631	Flight Test of XB-70A Air Vehicles	1965
19660089659	High temperature thermoelectric research quarterly progress report, feb. - apr. 1965	1965
19660089662	Evaluation of the avionics system on the model c-141a airplane. part 12.0 - an/apn-147 doppler radar system and asn-35 navigation computer engineering flight test report, 26 sep. 1964 - 4 apr. 1965	1965
19660089666	Reliability test of saturn s-ib stage hydraulic system main hydraulic pump /20c85035/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660089667	Acceptance test procedure for timer, recorder control	1965
19660089668	Dynamic characteristics of a variable-mass elastic body under high accelerations semiannual technical progress report, jun. 1 - nov. 30, 1965	1965
19660089670	Motor- a-c, synchronous with gear head	1965
19660089675	Study of unmanned systems to evaluate the martian environment quarterly progress report no. 2	1965
19660089683	S-IVB/Saturn V for Planetary Reconnaissance	1965
19660089685	Evaluation of the avionics system on the model c-141a airplane - part 3.0 uhf communication subsystem engineering flight test, 21 jul. 1964 - 15 jan. 1965	1965
19660089686	Prediction - measurement final report	1965
19660089692	Submarine antenna mast and whip. phase i- design study report	1965
19660089693	Evaluation of the avionics system on the model c-141a airplane-part 8.0 marker beacon system engineering flight test	1965
19660089709	[No Title]	1965
19660089711	Signature data. volume iv - optical signature data report 65-020 for test 0501 /project fire/	1965
19660089724	Program for Reliability Improvement and Weight Reduction of the S-ic Stage Retro Motor Monthly Technical Progress Report No. 12, 1 Jun. - 30 Jun. 1965	1965
19660089738	Infrared and Ultraviolet Studies of Terrestrial Materials Status Report, Jul. 1 - Sep. 30, 1965	1965
19660089741	Battery xiv materials compatibility study- an annotated bibliography	1965
19660089769	Slv-3 test parameters book	1965
19660089771	Index of telemetry transmitters evaluated	1965
19660089772	Evaluation of the avionics system on the model c-141a airplane, part 5.0 hf-102 communication system engineering flight test report, 15 jan. - 27 jul. 1965	1965
19660089773	Evaluation of the avionics system on the model c-141a airplane, part 9.0 automatic direction finder engineering flight test report, 10 jun. 1964 - 6 may 1965	1965
19660089774	Experimental long-range lopaiv system description and test results	1965
19660089781	A program of research and development of low input voltage conversion and regulation second quarterly report, 15 sep. - 14 dec. 1965	1965
19660089783	Residence time calculations	1965
19660089784	Bremsstrahlung Production in Lanthanum Thick Targets	1965
19660089786	Dispersion-strengthened chromium alloys semiannual report no. 1	1965
19660089796	Monthly project progress report, month ending 15 October 1965	1965
19660089833	Monthly progress letter no. 10, november 1 - november 30, 1965	1965
19660089834	Early Ot-2 Land Impact Probability Study	1965
19660089835	J-2 program monthly technical progress report, period ending 28 feb. 1965	1965
19660089837	Study for Evaluation of the Plug Multichamber Configuration, Phase Ii Monthly Status Report No. 3, Sep. 27 - Oct. 27, 1965	1965
19660089843	F-1 engine system bimonthly progress letter, 1 dec. 1964 - 31 jan. 1965	1965
19660089849	Work function and adsorption energy calculations	1965
19660089856	Investigation of the ignition and combustion of metal wires progress report no. 1, 16 mar. - 15 may 1965	1965
19660089864	The streamwise development of two-dimensional wall jets and other two-dimensional turbulent shear flows	1965
19660089885	The safe processing of high specific-impulse propellants subject report, oct. 1 - dec. 31, 1965	1965
19660089888	Study of lunar flying vehicles midterm presentation	1965
19660089919	Arpa project hibex, flight test report vehicle d-2	1965
19660089955	Usnrdl-dasa fallout symposium project. i - summary of symposium project. ii - symposium proceedings, september 1962 final report	1965
19660089971	Program for Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor	1965
19660089981	Propellant characterization program interim technical report no. 16	1965
19660089990	Evaluation of the avionics system on the model c-141a airplane-part 6.0 vhf navigational system engineering flight test report, 7 sep. - 25 oct. 1964	1965
19660089991	Utility of information as a predictor of decision adequacy in ambiguous choice situations	1965
19660089993	An investigation of the effect of electron transport on an x-ray energy-deposition curve final report	1965
19660089995	Study of effect of environment on plant growth and development semiannual status report, 1 jul. - 30 nov. 1965	1965
19660090005	Technical status report, may 4, 1965 to august 4, 1965	1965
19660090006	Technical status report, august 4 to november 4, 1965	1965
19660090007	Bibliography of research and development reports on the centaur program for 1964	1965
19660090009	Gemini agena target vehicle program progress report, jan. 1965	1965
19660090015	Theoretical elements and method of determining the dynamic unbalance of rotors	1965
19660090017	Airborne photographic equipment	1965
19660090023	Heat and mass transfer with chemical reactions for fluid flow through a porous matrix in re-entry thermal protection	1965
19660090042	Properties of multilayer filters interim report, 1 sep. 1964 - 28 feb. 1965	1965
19660090044	Designing of transistorized generators for measurement-control compensation systems. set of transistorized generators for mobile radio communication units	1965
19660090045	Directory of solid state scientists in western europe. part i - united kingdom	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090051	Study of the Application of Advanced Solid and Hybrid Systems to Space Missions Monthly Status Report, 11 Oct. - 11 Nov. 1965	1965
19660090089	Program for Reliability Improvement and Weight Reduction of the S-ic Stage Retro Motor Monthly Technical Progress Report No. 16, Oct. 1965	1965
19660090108	Computer oriented research in the space related sciences annual status report, mar. 1964 - feb. 1965	1965
19660090109	Hypervelocity Impact Effects on Liquid Hydrogen Tanks Fourth Quarterly Progress Report, 1 Apr. - 30 Jun. 1965	1965
19660090110	Hypervelocity Impact Effects on Liquid Hydrogen Tanks Second Quarterly Progress Report, 1 Oct. - 31 Dec. 1964	1965
19660090120	Investigation of foamed metals for application on space capsules quarterly report no. 6, jan. 1 - mar. 31, 1965	1965
19660090125	Research in electrohydrodynamics and wave-type magnetohydrodynamic a-c power generation semiannual report, 1 sep. 1964 - 31 jan. 1965	1965
19660090153	Research in the Space-related Sciences Progress Report, 1 Oct. 1963 - 31 Mar. 1965	1965
19660090158	Energy States and Transitions in Atomic Lithium, Helium, Cr53 and Group Iia Isotopes Semiannual Report, Jul. 1 - Dec. 31, 1964	1965
19660090160	Studies for Man-rating Contingency Planning for the Apollo Program Final Report, Jan. 1 - Mar. 31, 1965	1965
19660090163	Measured effects of the various combinations of nuclear radiation, vacuum, and cryotemperatures on engineering materials quarterly progress report, oct. 1 - dec. 31, 1964	1965
19660090190	Attitude determination by kalman filtering second quarterly progress report	1965
19660090196	X-22A Tri-Service V/Stol Research Aircraft	1965
19660090202	Airborne photographic equipment. volume iii - test equipment	1965
19660090206	Gravity gradient boom study second quarterly report, 7 sep. - 7 dec. 1965	1965
19660090234	XB-70A Air Vehicles Flight Test Monthly Progress Report No. 7, Mar. 1965	1965
19660090235	Mark 12 re-entry system, wind tunnel configuration survey, phase i final analysis report	1965
19660090236	XB-70A Air Vehicles Flight Test	1965
19660090239	XB-70A Air Vehicles Flight Test Monthly Progress Report No. 5, Jan. 1965	1965
19660090240	Trip report to 7th international congress on high speed photography /zurich, switzerland/, e.r.d.e. /england/, and a.u.w.e. /england/, september 1965	1965
19660090246	XB-70A Air Vehicles Flight Test Monthly Progress Report No. 8, Apr. 1965	1965
19660090248	Airborne photographic equipment	1965
19660090254	Report of qualification test on magnetic tape recording system, model art 560-14	1965
19660090259	Semiconductor device qualification tests, general specification	1965
19660090267	Propagation and dispersion of hydromagnetic and ion cyclotron waves in plasmas immersed in magnetic fields semiannual status report no. 4, jul. 15, 1964 - jan. 14, 1965	1965
19660090268	Prediction of Neutron Induced Activation Quarterly Progress Report No. 3, 1 Dec. 1964 - 28 Feb. 1965	1965
19660090270	Studies for Contingency Planning in the Apollo Program Quarterly Progress Report, 1 Jan. - 31 Mar. 1965	1965
19660090273	Development of Stress Relief Treatments for High Strength Aluminum Alloys Quarterly Report No. 6, 1 Mar. - 31 May 1965	1965
19660090276	Space Sciences Laboratory Consolidated Quarterly Progress Report, Period Ending April 30, 1965	1965
19660090277	Development of a High Strength Aluminum Alloy, Readily Weldable in Plate Thicknesses, and Suitable for Application at -423 Deg f /-253 Deg C/ Seventh Quarter Progress Report	1965
19660090279	Consolidated Quarterly Progress Report, Period Ending January 31, 1965	1965
19660090282	Applications technology satellite monthly progress report no. 11, 1-30 sep. 1965	1965
19660090283	Applications technology satellite monthly progress report no. 10, 1-31 jul. 1965	1965
19660090284	Applications technology satellite monthly progress report no. 7, 1-31 mar. 1965	1965
19660090286	Applications technology satellite monthly progress report no. 8, 1-30 apr. 1965	1965
19660090293	A study of low density, high strength high modulus filaments and composites third quarterly report, jan. 23 - mar. 23, 1965	1965
19660090302	Applications technology satellite monthly progress report no. 9, jun. 1965	1965
19660090303	Investigation using a 2 mv van de graaff accelerator for studies in atomic optical spectroscopy semiannual report, 27 nov. 1964 - 31 may 1965	1965
19660090304	Apollo stage service and access arms. volume iv - maintenance manual, saturn v service module service arm and command module access arm, launch complex 39	1965
19660090305	Arm related equipment. volume v - maintenance manual, saturn v service arms and access arm, related equipment, launch complex 39	1965
19660090312	Three directional optical square /ot2500-260/ manufacturing development report	1965
19660090315	Study of thin dielectric films for thermo-dielectric energy conversion quarterly report no. 1, 1 sep. - 30 nov. 1965	1965
19660090318	Modulation and receiving techniques. part 3 - phase lock receiver Final report	1965
19660090331	Integrated power and environmental control systems for hardened command centers final report	1965
19660090337	Accurate chopping factors for a number of modulating arrangements used in radiometry	1965
19660090345	Development of analytical methods and test equipment for determination of hydrocarbon contaminants quarterly progress report, 22 sep. - 21 dec. 1964	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090346	An experimental investigation of combustion stability characteristics at high chamber pressure third quarterly progress report, 1 jan. - 31 mar. 1965	1965
19660090362	Minuteman afetr field test report - ftm 459 - flight test	1965
19660090363	Minuteman afetr field test report - ftm 458 - flight test	1965
19660090366	Evaluation of be-38 percent al alloy quarterly report, 30 sep. - 31 dec. 1964	1965
19660090367	Laboratory simulation studies of outer space phenomena third quarterly status report, 10 feb. - 10 may 1965	1965
19660090368	Laboratory simulation studies of outer space phenomena second quarterly status report, 10 nov. 1964 - 10 feb. 1965	1965
19660090369	Investigation of the effects of mechanical stress on the permeability of engineering materials to certain cryogenic and storable propellants used in launch vehicles third quarterly progress report, 1 jan. - 1 apr. 1965	1965
19660090370	Investigation of the effects of mechanical stress on the permeability of engineering materials to certain cryogenic and storable propellants used in launch vehicles quarterly progress report no. 2, oct. 1 1964 - jan. 1, 1965	1965
19660090376	The compatibility of silicon nitride whiskers with metallic matrices at elevated temperatures	1965
19660090379	Absorption characteristics of multiwave length gas detection systems technical memorandum, oct. 1964 - oct. 1965	1965
19660090384	Progress report, period ending 31 march 1965	1965
19660090386	Study of the relationship of properties of composite materials to properties of their constituents quarterly progress report no. 3	1965
19660090387	Second order perturbation theory in atomic and molecular quantum mechanics progress report, period ending aug. 1, 1965	1965
19660090389	Technical development plan. tactical survey meter and vehicular radiac system an/vdr-1 /xe-2/	1965
19660090390	Utilization of organic materials for molecular electronics final report, 1 jun. - 30 nov. 1964	1965
19660090391	Wind tunnel newsletter	1965
19660090392	Recrystallization hardening	1965
19660090396	Final report, june 28 - october 28, 1965	1965
19660090406	Genetic studies of hydrogen bacteria and their applications to biological life support systems progress report no. 1, may 1 - jul. 15, 1965	1965
19660090408	Studies for contingency planning in the apollo program quarterly progress report, 1 apr. - 30 jun. 1965	1965
19660090409	Wave functions and transition probabilities for light atoms and highly ionized ions status report no. 4, feb. 1 - jul. 31, 1965	1965
19660090410	Wind tunnel news letter	1965
19660090413	Cyclotron resonance propulsion system tenth monthly progress report, aug. 1965	1965
19660090414	Development of improved gasket material quarterly summary report no. 8, 1 dec. 1964 - 28 feb. 1965	1965
19660090415	Development and Application of Basic Analytical Principles for Materials and Design Synthesis to Advanced Concepts for Space and Launch Vehicles Quarterly Progress Report No. 292-2, Jun. 15 - Sep. 15, 1965	1965
19660090416	Research on thermal radiation measurements progress report, jul. 1 - sep. 30, 1965	1965
19660090417	Research on Molecule-surface Interaction Status Report No. 3, Jan. 9 - Apr. 9, 1965	1965
19660090418	Primary cosmic radiation semiannual status report no. 8, period ending aug. 31, 1965	1965
19660090419	Pyrrone - a new class of aromatic step-ladder and ladder polymers	1965
19660090420	Plasma physics in planetary and solar environments semiannual progress report, feb. 1 - jul. 31, 1965	1965
19660090421	Study of the Relationship of Properties of Composite Materials to Properties of Their Constituents Quarterly Progress Report No. 1	1965
19660090422	Structural Behavior of Composite Materials Seventh Quarterly Progress Report, 20 Apr. - 20 Jul. 1965	1965
19660090423	Study of magnetic annular plasma accelerator twelfth monthly progress report, jul. 1-31, 1965	1965
19660090424	Prediction of Neutron Induced Activation Quarterly Progress Report No. 4, Mar. 1 - May 31, 1965	1965
19660090429	Thermal conductivity apparatus and insulated tank program monthly progress report no. 7, sep. 1965	1965
19660090430	Study of magnetic annular plasma accelerator thirteenth monthly progress report, 1-31 aug. 1965	1965
19660090431	Theoretical Research on the Pressure Distribution on Non-spinning Multi-Stage Space Craft Performing Bending Oscillations Seventeenth Quarterly Progress Report, Mar. 20 - Jun. 19, 1965	1965
19660090432	Investigation of Reactivity of Titanium and Other Materials with Liquid Oxygen and Nitrogen Tetroxide First Quarterly Report, May 22 - Aug. 31, 1965	1965
19660090433	Investigation of the Chemical Kinetics of an Advanced High Energy Propellant System Quarterly Progress Report No. 9, Jun. 1 - Aug. 31, 1965	1965
19660090434	Research on a hydrogen-fluorine propulsion system monthly status report no. 18, aug. 1965	1965
19660090435	Liners for non-metallic tanks quarterly progress report no. 1, 1 jul. - 30 sep. 1965	1965
19660090436	Use of a Mass Spectrometer to Measure the Composition of the Martian Atmosphere Monthly Progress Report	1965
19660090437	Meteorite photography and recovery network semiannual progress report no. 6, 1 jan. - 30 jun. 1965	1965
19660090438	Theoretical studies of the earth's magnetic field and the space environment near earth quarterly status report, 1 jul. - 30 sep. 1965	1965
19660090439	Nike-apache launching and radar cross section measurements quarterly progress report no. 8, 1 dec. 1964 - 28 feb. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090440	Oxygen difluoride research study quarterly progress report no. 9, jul. 1 - sep. 30, 1965	1965
19660090441	Prediction of Neutron Induced Activation Quarterly Progress Report No. 5, Jun. 1 - Aug. 31, 1965	1965
19660090442	Development of Mainshaft Seals for Advanced Airbreathing Propulsion Systems	1965
19660090443	Supersonic Transport Lubrication System Investigation Monthly Progress Report No. 4, Feb. 1-28, 1965	1965
19660090445	Apollo Contingency Planning Quarterly Progress Report, 1 Oct. - 31 Dec. 1964	1965
19660090479	Asset ASV-4 Flight Test Report	1965
19660090486	Development of a lightweight cryogenic insulating system second quarterly report and progress report no. 6, 30 sep. - 31 dec. 1964	1965
19660090487	Development of light weight magnesium alloys for low temperature applications quarterly progress report no. 3, jan. 1 - mar. 31, 1965	1965
19660090488	Development of Materials and Materials Application Concepts for Joint Use as Cryogenic Insulation and Micrometeorite Bumpers Second Quarterly Progress Report, Oct. - Dec. 1964	1965
19660090489	Development of Materials and Materials Application Concepts for Joint Use as Cryogenic Insulation and Micrometeorite Bumpers Third Quarterly Progress Report, Jan. - Mar. 1965	1965
19660090490	Development of Structural Foams for Cryogenic Applications Third Quarterly Report, 1 Feb. - 30 Apr. 1965	1965
19660090491	Application of blade-element techniques to design and performance prediction problems for axial-flow pumps progress report, oct. 1, 1964 - mar. 31, 1965	1965
19660090492	Experimental Determination of Transport Properties of High Temperature Gases Quarterly Progress Report, 26 Feb. - 26 May 1965	1965
19660090493	Behavior of Various Adsorbates on Metal Substrates Monthly Progress Report No. 7, 1-31 Dec. 1964	1965
19660090494	Fluorine-hydrogen performance program monthly progress report, 24 may - 23 jun. 1965	1965
19660090495	Definitive Test of the Theory that Attributes the Solar Quiet-day-variation (SQ) to an Ionospheric Current System Quarterly Progress Report No. 2, 1 May - 31 Jul. 1965	1965
19660090497	Atlas/centaur Launch Vehicle Study. Phase III - Guidance and Control Monthly Progress Report, 1-31 Jul. 1965	1965
19660090498	Arc Jet Technology Research and Development Monthly Letter Report No. 14, 1-31 Jul. 1965	1965
19660090499	The Usefulness of Cytogenetic Methodology as a Research Technique and as a Biomedical Monitoring Procedure Through the Utilization of Automatic Electronic Scanning and Computer Analysis of Chromosomes Eighth Quarterly Progress Report, Apr. 1 - Jun.	1965
19660090500	Investigation of the Neurological Correlates of Information Reception Progress Report, 1 Jan. - 30 Jun. 1965	1965
19660090501	Mass Transfer Cooling in Nitrogen and Carbon Dioxide Gas Streams Progress Report, Jan. - Jun. 15, 1965	1965
19660090502	Investigations in Space Communications Theory, Including Topics Related to Random Processes, Filtering, Telemetry, Etc. Semiannual Status Report, 1 Oct. 1964 - 31 Mar. 1965	1965
19660090503	Theoretical and Experimental Studies Related to the Particles and Fields Associated with the Major Bodies of the Solar System and with Interplanetary Space Semiannual Progress Report, 23 Dec. 1964 - 31 Jul. 1965	1965
19660090504	Development of Instrumentation to Search for Neutrons and Gamma Rays from Solar Surface Nuclear Reactions Quarterly Progress Report, 1 May - 31 Jul. 1965	1965
19660090511	Development of Light Weight Magnesium Alloys for Low Temperature Applications Quarterly Progress Report No. 2, Oct. 1 - Dec. 31, 1964	1965
19660090512	Development of a Lightweight Cryogenic Insulating System Third Quarterly Report, 31 Dec. 1964 - 31 Mar. 1965	1965
19660090514	Process Development and Pilot-Plant Production of Silane Polymers of Diols First Quarterly Report, Nov. 27, 1964 - Feb. 27, 1965	1965
19660090515	Research Study for Development of Techniques for Joining of Dissimilar Metals Quarterly Progress Report No. 2, Oct. 1 - Dec. 31, 1964	1965
19660090516	Research Study for Development of Techniques for Joining of Dissimilar Metals Quarterly Progress Report No. 4, Apr. 1 - Jun. 30, 1965	1965
19660090517	Development of Structural Foams for Cryogenic Applications Second Quarterly Report, 1 Nov. 1964 - 31 Jan. 1964	1965
19660090518	A Comparative Study of Crack Propagation in Plates Under Extension and Bending Progress Report	1965
19660090519	Measurement of Sputtering Yields and Energy Transfer Efficiencies of Liquid Metals Monthly Progress Report No. 5, 1 - 30 Jun. 1965	1965
19660090520	Theoretical Research - Electronic, Ionic and Atomic Impact Phenomena Quarterly Progress Report, Mar. 16 - Jun. 15, 1965	1965
19660090521	Tiros Operational System Progress Report, Jun. 30 - Jul. 31, 1965	1965
19660090522	Research Related to an Experimental Test of General Relativity Semiannual Status Report, 1 Jan. - 30 Jun. 1965	1965
19660090524	Reduction of Bacterial Dissemination. Germicidal Activity of Ethylene Oxide. Reduction of Bacterial Contamination on Surfaces Fourth Quarterly Summary Report of Progress	1965
19660090525	Research and Development of Improved Gasket Material for Cryogenic Applications in Space Quarterly Summary Report No. 9, 15 Jun. - 31 Aug. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090539	Liquid cooling of semiconductor devices second annual report	1965
19660090540	Model specification airborne vehicle equipment	1965
19660090542	Q-band diode parametric amplifier second annual report	1965
19660090543	Multiplying emitting electron time /meet/ dispenser monthly letter report, 1-30 nov. 1965	1965
19660090544	Laser transitions and super-radiation at 6143 angstrom and 5944 angstrom in a pulsed neon discharge	1965
19660090548	Operating instructions - production type high vacuum evaporator and deg-801 electron beam gun	1965
19660090563	Mark ii guidance program validation, supplement a	1965
19660090569	Technical progress report, second quarter april - june, cy-1965	1965
19660090573	Program 461 configuration management plan /rts-1/	1965
19660090577	Investigations and Analyses of Particle and Light Flux in Aurora and Air-glow Using Rocket-borne Instrumentation Seventh Quarterly Report, Mar. - May 1965	1965
19660090578	Electrophysiological Studies of the Brain, Including Improvement of Experimental Techniques and Methodology Progress Report	1965
19660090579	Reaction Wheel Scanner Monthly Progress Report, for May 1965	1965
19660090580	Shock Tunnel Investigations of Turbulent Flow at High Mach Numbers Quarterly Progress Report, 29 Jun. - 29 Sep. 1965	1965
19660090581	Study of Arc-jet Propulsion Devices Progress Letter No. 8, 1-31 Jul. 1965	1965
19660090582	Theoretical and Experimental Investigations of Helium and Lithium Atoms and Ions with Emphasis on Excited Energy Levels and the Mechanism of Energy Transfer from Metastable States Semiannual Report No. 5, 1 Jan. - 30 Jun. 1965	1965
19660090584	On Research and Development of Superconducting Thin Films First Progress Report, Dec. 15, 1964 - Mar. 15, 1965	1965
19660090586	Investigate methods of fabricating and joining large sandwich segments for forming common domes monthly progress report no. 13, 1-30 jun. 1965	1965
19660090588	Development of welding techniques and filler metals for high strength aluminum alloys progress report no. 1, 1-31 jul. 1965	1965
19660090602	Historical review and advanced conceptual approach to the use of perceptual-psychomotor tests in aircrew selection final documentary report, 1 jul. - 30 sep. 1965	1965
19660090605	Investigation of the ignition and combustion of metal wires progress report no. 6, sep. 16 - oct. 15, 1965	1965
19660090608	Quarterly report no. 2, june 24 - september 24, 1965	1965
19660090657	Laboratory performance tests of a homing optical guidance system /hogs/	1965
19660090661	J-2 program monthly progress report, period ending 31 mar. 1965	1965
19660090693	Joint report on the nrx/est provisioning list and schedule /nerva program/	1965
19660090697	Investigation of cathode coating adhesion final report	1965
19660090698	A flywheel impact machine for charpy vee notch test at impact speeds up to 200 ft/sec.	1965
19660090701	Metal-gallium arsenide microwave diodes first annual report	1965
19660090706	Consolidated instrumentation plan for apollo/ saturn, as-201	1965
19660090708	Reaction wheel optimization digital computer program final report	1965
19660090709	Oso-c computer processing system	1965
19660090712	Imp f & g monthly progress report no. 2, jun. 1965	1965
19660090717	Evaluation, aerovox cerafil capacitors, type mc80v parts and components evaluation report	1965
19660090718	Studies related to ionospheric probing quarterly progress report no. 2, 1 jan. - 31 mar. 1965	1965
19660090728	Tailoring of high-density polyethylene for high speed wire coating	1965
19660090731	The mean and variance of a random function between zeros - the positive case	1965
19660090732	Broadband low noise travelling wave tubes third annual report	1965
19660090734	Cold-cathode gas-discharge modulator first annual report	1965
19660090736	A new solderless flat cable-to-circuit board connector	1965
19660090740	Procedure for the design and optimization of a liquid rocket propulsion system second quarterly report	1965
19660090741	Procedure for the design and optimization of a liquid rocket propulsion system first quarterly report	1965
19660090744	Grid design for hollow pierce gun annual report	1965
19660090778	High resolution screens final report	1965
19660090782	Semiconductor reliability prediction second annual report,	1965
19660090783	F-5b category ii performance test final technical report, 3 dec. 1963 - 28 may 1965	1965
19660090790	Processing variables and their effect on the final properties of polyethylene cable jackets	1965
19660090800	Minuteman high-reliability component parts demonstrated failure rates graphic status report no. 3	1965
19660090801	Use of mitrovic's method in the analysis of a control system with two gain-variable feedback nonlinearities	1965
19660090803	Asset. volume vii - nonmetallic materials selection final report, apr. 1961 - dec. 1964	1965
19660090818	Interpolated jeffreys and bullen seismological tables	1965
19660090823	Evaluation of a geotech model 20171 seismometer	1965
19660090827	Investigation of light hydrocarbon fuels with flox mixtures as liquid rocket propellants monthly progress report, 30 apr. - 31 may 1965	1965
19660090829	Research on a hydrogen-fluorine propulsion system quarterly progress report no. 7, 1 jan. - 31 mar. 1965	1965
19660090830	Investigation of light hydrocarbon fuels with flox mixtures as liquid rocket propellants quarterly progress report no. 3, 1 jan. - 31 mar. 1965	1965
19660090857	Flourine-hydrogen performance evaluation quarterly progress report, period ending 23 aug. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090858	Research on plane strain flaw growth in thick walled tanks quarterly progress report no. 4, 27 mar. - 26 jun. 1965	1965
19660090860	Structural mechanics of deformation and fracture first quarterly progress report	1965
19660090861	Spectroscopic investigations of plasma properties quarterly summary report no. 3, 11 nov. 1964 - 10 feb. 1965	1965
19660090862	Multidisciplinary research in space-related physical, engineering, and life sciences semiannual report	1965
19660090863	Interdisciplinary studies of the effects of high energy protons on biologic systems semiannual status report, jul. 1 - dec. 31, 1964	1965
19660090865	Radioisotopic biochemical probe for extraterrestrial life quarterly progress report no. 17	1965
19660090867	Telemetry calibration document, aev-2	1965
19660090868	Telemetry calibration document, asv-1	1965
19660090870	Report of the eleventh annual army human factors research and development conference	1965
19660090871	Percentages associated with the detection of long-period surface waves from low-magnitude events	1965
19660090872	Operation of the wichita mountains seismological observatory semiannual report no. 3 /final/, 1 jun. - 31 oct. 1965	1965
19660090874	A direct method for the absolute measurement of ships speed	1965
19660090875	The department of defense equipment distribution and condition reporting system /edac/	1965
19660090877	S-IVb/Saturn V for Planetary Reconnaissance. Volume I - Book Iii	1965
19660090878	S/IVb Saturn V for Planetary Reconnaissance. Volume I - Book I	1965
19660090895	A study of economic factors relating to optimum use of land exposed to noise from commercial aircraft landing and takeoff operation quarterly progress report no. 4, 1 jan. - 30 apr. 1965	1965
19660090902	Operational amplifier, microelectronic	1965
19660090909	A study of economic factors relating to optimum use of land exposed to noise from commercial aircraft landing and takeoff operation quarterly progress report no. 3, 1 sep. - 31 dec. 1964	1965
19660090910	Program definition study for evaluating satellite materials by ground based photometry monthly report no. 3, 15 feb. - 15 mar. 1965	1965
19660090911	Program definition study for evaluating satellite materials by ground based photometry monthly report no. 2, 15 jan. - 15 feb. 1965	1965
19660090920	Program definition study for evaluating satellite materials by ground based photometry report no. 5 /monthly/, 15 apr. - 14 may 1965	1965
19660090937	Aerodynamic heating to wing vi operational missile with proposed mark 12 re-entry systems - phase i configuration survey final report	1965
19660090946	Multidisciplinary Research in Space-related Sciences and Engineering Semiannual Report No. 1	1965
19660090948	An institutional research program in space- related areas of science and engineering semiannual progress report, 1 jun. - 1 dec. 1964	1965
19660090951	Advanced space suits for extra-vehicular and lunar exploration quarterly progress report no. 2, 1 oct. - 31 dec. 1964	1965
19660090954	Duplexing for solid state receivers annual report	1965
19660090956	Optical mixing and piezo-electric amplification in semi-conductors annual report, 1965	1965
19660090959	Study of pulsed gas lasers annual report	1965
19660091026	High altitude air sampler development program semiannual technical summary report no. 4, 1 jul. - 31 dec. 1965	1965
19660091033	Low acceleration space transportation system study second progress report, nov. 1964 - mar. 1965	1965
19660091037	Explosive hazard proofing electrical purging/pressurization concept for gases and vapors launch complexes and associated service areas	1965
19660091050	Numerical analysis of critical neutron scattering data	1965
19660091053	Support systems for the b-1 and f-3 lasa subarrays	1965
19660091055	Tonto forest seismological observatory extended array telemetry system	1965
19660091062	Application of variational methods to slow wave structures annual report	1965
19660091064	Wind and temperature in the atmosphere between 30 and 80 km quarterly technical report, 1 jan. - 31 mar. 1965	1965
19660091066	Interdisciplinary space-related research in the physical, engineering, and life sciences progress report, period ending jul. 31, 1965	1965
19660091067	Analysis of the impact of space activities on the national economy and establishment of a methodology for determining space program effects on regional economic growth fourth progress report, 15 mar. - 15 sep. 1965	1965
19660091069	Princeton Advanced Satellite Study Semiannual Report, Mar. - Aug. 1965	1965
19660091070	Design Improvements in Liners for Glass-fiber Filament-wound Tanks to Contain Cryogenic Fluids Quarterly Report, 1 Jul. - 30 Sep. 1965	1965
19660091071	Computer oriented research in the space related sciences semiannual status report, mar. - aug. 1965	1965
19660091072	Consolidated Quarterly Progress Report, Period Ending July 31, 1965	1965
19660091073	Theoretical research - electronic, ionic, and atomic impact phenomena quarterly progress report, 16 jun. - 15 sep. 1965	1965
19660091074	Study of interplanetary mission support requirements mid study report	1965
19660091094	Ionospheric data - bangkok, thailand data report, oct. 1964	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091095	Xc-142a vtol transport program semiannual report, jan. - jun. 1965	1965
19660091101	Aerosol studies. volume ii, part ii, annex c. analysis of aircraft spray deposition patterns final report, 15 sep. 1964 - 31 oct. 1965	1965
19660091103	Investigation of the structure of ceramics for electronic application second progress report, jan. 1 - jun. 30, 1965	1965
19660091111	Investigation of effect of time and use on rocket motor carriage shock absorbers st-141/ st-201 special test evaluation report, dec. 1964 - nov. 1965	1965
19660091131	Nuclear radiation dosimetry measurements of the white sands missile range fast burst reactor	1965
19660091140	Computer studies of the range of ions in a thermalized lattice	1965
19660091142	Electrical bonding of assemblies utilizing environmental sealing	1965
19660091149	Maintenance instructions lox transfer system complex 34	1965
19660091151	Seismic data laboratory data services report number 5	1965
19660091165	Midterm briefing of interplanetary mission support requirements, volume i	1965
19660091186	Study program to assist in defining an integrated checkout system for manned mission complexes	1965
19660091195	Dod catalog of aeronautical charts and flight information publications	1965
19660091200	Firing equipment electrical schematics, launch complex 34 saturn ib vehicles, volume 1	1965
19660091221	Doppler broadening of the 479 kev gamma ray of the b10/n,alpha/li7' reaction	1965
19660091230	Analysis of a two axis pure fluid directional control system	1965
19660091239	Dynamic mechanical properties of solid propellants quarterly technical summary report, 27 nov. 1964 - 28 feb. 1965	1965
19660091240	The magnetic field around a magnetized object	1965
19660091253	A Theoretical Investigation of Liquid "b" Quarterly Report, 24 May - 23 Aug. 1965	1965
19660091265	Model and Test Information Report: 1/12-Scale F-111 Rigid Loads Model for ARC 12 Foot Subsonic Pressure Tunnel	1965
19660091287	Marotta valve corporation 1/4 inch vent valve, sk 4223, 6,000 psig service nasa test report no. 10880	1965
19660091289	Research on thermal radiation measurements progress report, jan. 1 - mar. 31, 1965	1965
19660091290	Summary of reliability requirements and reliability program plans of minuteman and saturn v programs letter report no. 36	1965
19660091293	Theory of differential equations and their relationship to dynamical systems theory progress report no. 1, oct. 1, 1964 - mar. 31, 1965	1965
19660091294	Development of Nondestructive Testing Techniques for Honeycomb Heat Shields	1965
19660091295	Desiccant Chamber, Robbins Part Number Raf-2sp-769, Nasa Drawing Number B75m50174-1 Test Report	1965
19660091297	Research on broad band high power travelling wave tubes annual report	1965
19660091304	Summary of first year of operation of the injun iv /satellite explorer 25/	1965
19660091310	Proposal for test program to evaluate electrical bonding of assemblies utilizing environmental sealing final report	1965
19660091327	A mathematical expression for the radiation intensity and reflectivity of the lunar surface technical summary report, 16 jun. 1964 - 15 nov. 1965	1965
19660091336	Failure erasure circuitry - a duplicate technique for failure-masking systems	1965
19660091346	Small gas turbine engine compressor technology technical progress report, jan. 11 - feb. 11, 1965	1965
19660091347	Small gas turbine engine compressor technology technical progress report, feb. 11 - mar. 12, 1965	1965
19660091349	Small gas turbine engine compressor technology technical progress report, 12 sep. - 12 oct. 1965	1965
19660091350	Small gas turbine engine compressor technology technical progress report, apr. 12 - may 12, 1965	1965
19660091351	Design Study Phase of Scanning Celestial Attitude Determination System /scads/ Quarterly Report, 13 Jul. - 1 Oct. 1965	1965
19660091353	Investigations into the use of aluminum plate as a door for a radio-frequency energy- resistant enclosure	1965
19660091357	Mod iii computing system launch support program report eastern test range. martin interface test, class iv	1965
19660091364	Development of large array tunnel diode structures final report	1965
19660091367	The design of a mechanical time delay pyrogen for use with the apache rocket motor final report, jun. - oct. 1965	1965
19660091371	Program definition study for evaluating satellite materials by ground based photometry monthly report no. 1	1965
19660091377	Goonhilly satellite system earth station - a triple-frequency primary feed for operation with satellites relay and telstar research report, may 1961 - may 1963	1965
19660091384	Heat transfer studies of solid rocket igniters monthly progress report no. 6	1965
19660091416	Telemetry power divider	1965
19660091417	Apollo Lunar Laboratory	1965
19660091444	Design of a non-dispersive ultraviolet gas analyzer and its application to quantitative measurement of traces of toxic gases and vapors in air hibunsangata shigaisen gasu bunsekikei no shisaku oyobi sono yugai gasu jori bensekie no	1965
19660091568	Weksler instruments corporation 1/4 inch pressure gage p/n 917rrasf 0-10,000 psig service	1965
19660091572	Detection, analysis and interpretation of the teleseismic signal from the salmon event	1965
19660091585	Oceanographic factors pertinent to siting and implementing an underwater tracking range, channel islands - southern california	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091599	Biomedical dosimetry and response to internal and external radiation final summary report, oct. 1, 1960 - sep. 30, 1964	1965
19660091617	Adaptation of the askania mobile cinetheodolite mount to the contraves cinetheodolite	1965
19660091635	Design and construction of dual and single wavelength microspectrophotometers	1965
19660091639	Acoustic test report for radio set, figure a 1368.4	1965
19660091646	Research in theory of adaptive systems interim engineering report	1965
19660091649	Low altitude target recognition utilizing tv sensors	1965
19660091650	Light observation helicopter technical development plan	1965
19660091665	Saturn v Launch Vehicle Digital Computer and Data Adapter Prototype Program Monthly Progress Report, Apr. 1965	1965
19660091675	A feasibility and test program for demonstration of integral mandrels for large solid propellant motors, phase iii	1965
19660091679	A stereoscopic display system first technical report, 6 apr. - 31 may 1965	1965
19660091687	Studies of thermionic materials for space power applications informal monthly report, 1-31 mar. 1965	1965
19660091689	Studies of thermionic materials for space power applications informal monthly report, 1-30 apr. 1965	1965
19660091742	Installation manual saturn v arm related equipment launch complex 39 - volume v	1965
19660091745	Electrochemical machining - an annotated bibliography	1965
19660091746	Equilibrium studies of refractory nitrides fourth quarterly progress report, 1 aug. - 31 oct. 1965	1965
19660091747	Diffusion and dispersed phases in refractory metal systems quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19660091748	Density, temperature, and neutral composition of the atmosphere above 100 km	1965
19660091752	A calculator for satellite ground tracks	1965
19660091754	Development of coatings for protection of dispersion strengthened nickel from oxidation quarterly progress report, 1 oct. 1964 - 1 jan. 1965	1965
19660091755	Structural fastening technology progress report, mar. - jun. 1965	1965
19660091756	Magnetic window propagation, a technique for propagation through a plasma sheath interim technical report no. 1, 23 nov. 1964 - 28 feb. 1965	1965
19660091761	Research on chemistry of o3f2 and o2f2 quarterly technical summary report, 1 jul. - 30 sep. 1965	1965
19660091772	Rat scat cross section measurements of the pershing nose cone	1965
19660091779	Design, fabricate, and test breadboard liquid hydrogen pump quarterly report no. 2, 19 sep. - 31 dec. 1964	1965
19660091784	Ignition of solid-propellant motors under vacuum final report, classified enclosure	1965
19660091807	High-altitude rocket plumes	1965
19660091821	Plan of test for engineering test of battery charging distribution panel	1965
19660091828	X-22a tri-service v/stol research aircraft monthly progress report no. 32, 1-31 jul. 1965	1965
19660091832	Development of passive temperature control coatings for use on the apollo vehicle ablative thermal protection system quarterly progress report no. 1, 1 feb. - 30 apr. 1965	1965
19660091833	Research on thermal radiation measurements progress report no. 2, apr. 1 - jun. 30, 1965	1965
19660091841	Uncoated Nitronium Perchlorate Propellant Development Monthly Progress Report for February 1965	1965
19660091876	Materials for potassium lubricated journal bearings status report, may 22 - jun. 22, 1965	1965
19660091879	Heat transfer development program monthly status report, jan. 1-31, 1965	1965
19660091884	Chromaticity standard for console indicator lights	1965
19660091890	Space program Quarterly report, jan. - mar. 1965	1965
19660091895	Materials for potassium lubricated journal bearings status report, jul. 22 - aug. 22, 1965	1965
19660091896	Materials for potassium lubricated journal bearings status report, apr. 22 - may 22, 1965	1965
19660091898	Section 47 g&c/ctli cable staging connector dynamic tests test and data report	1965
19660091901	Two-stage potassium test turbine monthly progress report, feb. 8 - mar. 8, 1965	1965
19660091902	Heat transfer development program monthly status report, feb. 1-28, 1965	1965
19660091904	Two-stage potassium test turbine monthly progress report, aug. 8 - sep. 8, 1965	1965
19660091906	Heat transfer development program monthly status report, aug. 1-31, 1965	1965
19660091908	Two-stage potassium test turbine monthly progress report, nov. 8 - dec. 8, 1965	1965
19660091910	Heat transfer development program monthly status report, oct. 1-31, 1965	1965
19660091919	Two-stage potassium test turbine monthly progress report, sep. 8 - oct. 8, 1965	1965
19660091937	Development of a propellant containing a high energy oxidizer eighth monthly research contract status report, 1-31 jan. 1965	1965
19660091938	The Development of Structural Adhesive Systems Suitable for Use with Liquid Oxygen Quarterly Progress Report No. 5, 1 Oct. - 31 Dec. 1964	1965
19660091940	Investigation of space radiator protection progress report no. 11, 1-30 apr. 1965	1965
19660091943	Post-irradiation examination of mk.2 stringers discharged from the windscale a.g.r. in the period 1.1.63 - 31.12.64	1965
19660091945	Two-stage potassium test turbine monthly report, may 8 - jun. 8, 1965	1965
19660091946	Two-stage potassium test turbine monthly progress report, dec. 8, 1964 - jan. 8, 1965	1965
19660091950	Development of thermal radiative surface coatings for nasa-lewis space simulation chamber monthly progress report, dec. 30, 1964 - jan. 29, 1965	1965
19660091951	Materials for potassium lubricated journal bearings monthly report, oct. 22 - nov. 22, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091954	Heat transfer development program monthly status report, nov. 1-30, 1965	1965
19660091955	Materials for potassium lubricated journal bearings monthly report, period ending 22 dec. 1965	1965
19660091956	Investigation of space radiator protection progress report no. 10, mar. 1-31, 1965	1965
19660091957	Investigation of space radiator protection progress report no. 8, jan. 1-31, 1965	1965
19660091963	A study of rf hazards to electroexplosive devices monthly report no. 1, 29 jun. - 29 jul. 1965	1965
19660091974	Component evaluation report on switches, electrical, manual, push button	1965
19660091989	Analogue measurement of charged particle trajectories in an inhomogeneous magnetic field	1965
19660092012	High energy propellant evaluation quarterly technical summary report no. 8, 1 jan. - 31 mar. 1965	1965
19660092013	Investigation of the effect of catalysis as a means of increasing the efficiency of certain propellant systems quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19660092018	Performance of an rfd background discrimination system interim engineering report	1965
19660092022	Pressure characteristics of two safe and arm mechanisms when mounted on the xasm-n-12/walleye/ missile	1965
19660092033	Unique solid-propellant study final summary report, 16 apr. - 15 nov. 1964	1965
19660092034	Pilot-scale production of nfpa final report, 8 may - 31 dec. 1964	1965
19660092049	Solid propellant additives research quarterly report, 11 nov. 1964 - 10 feb. 1965	1965
19660092053	Research on high energy oxidizers for advanced solid rocket propellants quarterly progress report, 1 jan. - 31 mar. 1965	1965
19660092061	Gravitational and resonance experiments on very low-energy free electrons and positrons progress report, 1 dec. 1964 - 1 sep. 1965	1965
19660092062	All-fluid amplifier development for liquid rocket secondary injection thrust vector control monthly technical report	1965
19660092063	Space programs quarterly report, jul. - sep. 1965	1965
19660092064	Earth orbiting coronagraph quarterly status report, 1 jul. - 30 sep. 1965	1965
19660092065	Research in gas-surface interactions status report no. 1, jul. 10 - oct. 9, 1965	1965
19660092066	Surface properties of thermionic electrodes annual report, nov. 1, 1964 - oct. 31, 1965	1965
19660092067	Atlas/centaur launch vehicle study, phase iii guidance and control monthly progress report, 1 aug. - 17 sep. 1965	1965
19660092068	Independent tracking coordination third quarterly summary progress report, jul. 1 - sep. 30, 1965	1965
19660092069	Development of analytical methods and test equipment for determination of hydrocarbon contaminants quarterly progress report, jul. 22 - sep. 21, 1965	1965
19660092070	Investigation of reactivity of launch vehicle materials with liquid oxygen quarterly progress report no. 1, jul. 1 - sep. 30, 1965	1965
19660092071	Measurement of neutron intensity in space, electron densities in the ionosphere, and solar x-radiation quarterly status report, 1 apr. - 31 jul. 1965	1965
19660092072	National aeronautics and space administration. international university fellowships in space science quarterly report	1965
19660092073	Low thrust throttleable engine performance evaluation quarterly status report, jul. - sep. 1965	1965
19660092074	Collection and analysis of cosmic dust in the stratosphere progress report, mar. 1 - sep. 1, 1965	1965
19660092075	Status report, april 1 - september 30, 1965	1965
19660092076	Fluorine-hydrogen Performance Program Monthly Progress Report, 23 Aug. - 24 Sep. 1965	1965
19660092077	Semiannual status report, september 1964 - february 1965	1965
19660092078	Survey/study of the interconnection problem in microelectronics Monthly letter report no. 2-2	1965
19660092080	Measurement of neutron intensity in space, electron densities in the ionosphere, and solar x-radiation quarterly status report, 1 aug. - 31 oct. 1965	1965
19660092081	Development of instrumentation to search for neutrons and gamma rays from solar surface nuclear reactions quarterly progress report, 1 aug. - 31 oct. 1965	1965
19660092082	Polarization in the ultraviolet status report, 1 mar. - 31 aug. 1965	1965
19660092083	Measurement techniques for the directional spectral intensity of low energy protons, including the construction of a prototype instrument semiannual report, 1 jan. - 30 jun. 1965	1965
19660092084	Experimental research on x-radiation and gamma-radiation at high altitudes, including design and use of balloon-borne instrumentation progress report, 1 mar. - 1 oct. 1965	1965
19660092085	Study of geomagnetically trapped particles third semiannual status report, 1 mar. - 31 aug. 1965	1965
19660092086	Development of experimental and statistical methods for obtaining and interpreting micrometeorite data from space vehicles semiannual status report, 1 feb. - 31 jul. 1965	1965
19660092087	Structure of the magnetopause - a comparison between satellite magnetometer data and theory progress report no. 1, 15 apr. - 15 oct. 1965	1965
19660092088	Theoretical and experimental studies in planetary and atmospheric physics third semiannual progress report, 1 may - 15 nov. 1965	1965
19660092089	Transient heat transfer progress report no. 10, apr. - jun. 1965	1965
19660092090	Transverse instabilities of magnetically self-focusing streams in plasmas semiannual progress report no. 2	1965
19660092092	Monthly progress report no. 9 for period 1 november to 30 november 1965	1965
19660092097	An experimental investigation of combustion stability characteristics at high chamber pressure informal quarterly progress report, 1 jul. - 1 oct. 1965	1965
19660092098	Radiometric standards for the extreme ultraviolet quarterly progress report, 1 jul. - 30 sep. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092099	Improved throat inserts for ablative thrust chambers monthly progress report no. 12, nov. 1965	1965
19660092101	Establish an experimental and technical capability to analyze the performance of combustion-instability pressure transducer quarterly status report, 15 apr. - 15 jul. 1965	1965
19660092102	Application of blade-element techniques to design and performance prediction problems for axial-flow turbomachinery progress report, 1 apr. - 30 sep. 1965	1965
19660092103	Development of alkali metal peroxide and superoxide blown ceramic foams progress report, jun. 22 - sep. 30, 1965	1965
19660092104	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 22 jul. - 22 aug. 1965	1965
19660092105	Theoretical investigations in atmospheric physics /radiation in planetary atmospheres/ progress report no. 3, 1 may - 30 oct. 1965	1965
19660092106	Research in Electrohydrodynamics and Wave-type Magnetohydrodynamic Ac Power Generation Quarterly Report, 1 Aug. - 31 Oct. 1965	1965
19660092107	A comparative study of the evolution of enzymes and nucleic acids progress report, 1 may - 30 oct. 1965	1965
19660092108	Interdisciplinary Research in the Physical, Biological, Engineering, and Social Sciences Status Report, 1 Feb. - 31 Oct. 1965	1965
19660092109	Radioisotopic Biochemical Probe for Extraterrestrial Life Quarterly Progress Report No. 18	1965
19660092110	Studies of hollow multipartitioned ceramic structures fourth quarterly progress report, jan. 16 - sep. 16, 1965	1965
19660092112	The reliability of ground-based digital computers	1965
19660092127	Convective heat flux transducer development, model x-20a	1965
19660092130	System acceptance test report for the stabilization and control subsystem. flight unit b /fu-b/ system initial stabilization subsequence. orbiting astronomical observatory	1965
19660092132	Apparent movement of pulsed light sources, with special reference to crt displays	1965
19660092134	Addendum to saturn guidance signal processor /gsp-24/ final report, 1 jul. 1964 - 7 may 1965	1965
19660092137	Theoretical and experimental investigations of the interplanetary medium and in gamma-ray astronomy progress report no. 5, 1 jan. - 30 jun. 1965	1965
19660092157	Equations and program specifications for the burroughs mod iii /a-1/ guidance computer for the third gemini titan launch vehicle /gt-3/	1965
19660092176	Switches - electrical, manual, push button component evaluation report	1965
19660092178	Technical facilities brochure	1965
19660092179	Investigation of single crystal silicon ribbon first interim report, 1 jun. - aug. 1965	1965
19660092182	Investigation of two-dimensional heat and mass transfer in splash tests on carbon and graphite-reinforced resin systems	1965
19660092187	Quarterly reliability and quality assurance report. volume ii - quality assurance	1965
19660092198	Xv-8a flexible wing aerial utility vehicle technical report, 5 feb. - 28 apr. 1964	1965
19660092200	Survey of biocean facilities	1965
19660092212	Limited operational evaluation of the yat-28e aircraft	1965
19660092214	Investigations concerning the possible existence of n1 n2 and n3 radicals letter progress report no. 14, 1 oct. - 31 dec. 1964	1965
19660092222	Investigation of liquid propellants in high pressure and high temperature environments semiannual progress report no. 1, 1 may - 31 oct. 1965	1965
19660092229	Development and fabrication of 400 ampere dc brushless generating system quarterly interim report no. 3, 1 nov. 1964 - 30 jan. 1965	1965
19660092231	Transportation shock and vibration design criteria manual final report, appendix c	1965
19660092233	Taper-lok bolts- digest of test data and users' experiences	1965
19660092234	Research study of new concepts to promote the failure of polymers by stress cracking quarterly progress report	1965
19660092238	Flight evaluation of the modified counter- drum-pointer servo-altimeter displays for the air traffic control radar beacon system /iff/ mark 12/system /aims/ program final report	1965
19660092240	Atomic oscillator device for navigation- guidance interim engineering report	1965
19660092253	Microwave propagation experiments - an annotated bibliography	1965
19660092254	Acceptance test report on fixed resistors	1965
19660092256	Strengthening mechanisms in wire products quarterly progress report, mar. 1 - jun. 1, 1965	1965
19660092257	Strengthening mechanisms in wire products quarterly progress report, dec. 1, 1964 - mar. 1, 1965	1965
19660092264	Application of a powder lubrication system to a gas turbine engine progress report no. 3, feb. - jun. 1965	1965
19660092265	Research in the field of liquid-metal- lubricated bearings quarterly progress report for period ending, 15 feb. 1965	1965
19660092269	Expandable, self-rigidizing mol type space structures monthly progress report no. 1, 1 dec. 1964 - 1 jan. 1965	1965
19660092270	Evaluation test, semiconductor device, diode, zener	1965
19660092271	Beryllium bi-crystal studies interim engineering progress report, 1 dec. 1964 - 28 feb. 1965	1965
19660092274	Metal forming - an annotated bibliography	1965
19660092275	Marine corps unit locator ranging data relay system	1965
19660092276	Chemical techniques for removing broken drills from stainless steel and aluminum	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092277	Chilldown system swing check valve qualification test	1965
19660092287	Angular rate measurement unit development and test	1965
19660092288	Agena projet monthly progress report, apr. 1965	1965
19660092289	Gemini 4 - inertial guidance system evaluation trajectory reconstruction	1965
19660092305	Wr-1 fuel and fuel channels program quarterly report, apr. - jun. 1965	1965
19660092306	Reactivity of titanium with oxygen - an annotated bibliography	1965
19660092307	Umbilical electrical connectors, type iii, qualification test	1965
19660092308	Sst phase iib monthly technical progress letter report, feb. 1965	1965
19660092309	Sst phase iib monthly technical progress letter report, jan. 1965	1965
19660092311	Sst phase iib monthly technical progress letter report, jan. 1965	1965
19660092312	Sst phase iib monthly technical progress letter report, may 1965	1965
19660092314	Corrosion of magnesium alloys - an annotated bibliography	1965
19660092321	Hose assembly. hose - hydraulic fluid, 1000-5000 psig metal flexible	1965
19660092322	Servonic pn 3061-4601, transducers-pressure, gas, voltage development test report	1965
19660092323	Concealed munitions detector research ninth monthly progress report, 16 nov. - 15 dec. 1965	1965
19660092329	Semiconductor device, diode, zener, qualification test	1965
19660092330	Method for calculating thermal resistance of conductively cooled electronic parts	1965
19660092331	Interaction of distributed surface vibrations with an adjacent boundary layer flow final report	1965
19660092334	Qualification test report for driver transformer, dac scn 1a87574-1	1965
19660092335	Qualification test report on fixed capacitors	1965
19660092337	Cabin heat exchanger /ecs item 3.2/	1965
19660092338	Humidity test for model 105 film potentiometer	1965
19660092339	Qualification test of power transformer - 400 cps, 3-phase	1965
19660092351	Sst phase iib monthly technical progress letter report	1965
19660092352	Sst phase iib monthly technical progress letter report	1965
19660092357	Radar attenuation, radar reflectivity, microwave attenuation, microwave reflectivity caused by solid propellant exhaust gases	1965
19660092358	Pneumatic fittings - an annotated bibliography	1965
19660092362	Investigation of variables in turbine erosion monthly progress report no. 2, 12 aug. - 11 sep. 1965	1965
19660092363	Dual radiometer assembly for project scanner monthly progress report no. 16, 1-30 sep. 1965	1965
19660092368	Analysis of report of test on current sensor assembly	1965
19660092369	Tracking station conceptional design - an annotated bibliography	1965
19660092372	Acceptance test report on fixed resistors	1965
19660092373	Fuel tank pressure switch vibration test	1965
19660092375	High-temperature mechanical fasteners- an annotated bibliography	1965
19660092384	Explosive bolts - an annotated bibliography	1965
19660092385	Evaluation test, semiconductor device, diode, zener, motorola part number z292-1, sylvania part number 13-268231-1	1965
19660092386	Qualification test, transformer, radio frequency - isolation torwico electronics corporation part no. tw 61344, sylvania part no. 50-268488-1	1965
19660092387	Diffusion study in complex mountainous terrain, volume i	1965
19660092389	Development of the sounder-computer link mk ii for digital recording of ionispheric sounder data final report	1965
19660092391	Tin disease - white to gray transformation - an annotated bibliography	1965
19660092392	Thermoelectric environmental control unit final engineering design report	1965
19660092394	Tube launching dynamics - an annotated bibliography	1965
19660092395	Liquid fluorine - compatability with metallic and non-metallic materials - an annotated bibliography	1965
19660092400	Large solid motors for space booster applications - an annotated bibliography	1965
19660092401	Size 8 control motor for the 7772a exhaust gas temperature indicator, motors and motor generators, servo motor, 109-240 volts, 400 cycle only	1965
19660092403	Qualification test report for 50 ampere motor driven switch, dac scn 1a88061-1	1965
19660092404	Qualification test of reactor - 2400cps, 120muh, 50 amp dc douglas specification control number 1a82957-1, general test plan sm-41412, item no. as-35 and 36, model no. saturn s-ivb	1965
19660092406	Qualification test of tantalum filter capacitor, douglas specification control number 1a59565-1 and -501, general test plan item no. at 1 and 2, model no. saturn s-ivb	1965
19660092407	Qualification test report on fixed capacitors	1965
19660092411	Mks baratron vacuum measurement system	1965
19660092414	Requalification test report on diodes	1965
19660092416	Solder joint failures - literature evaluation and annotated bibliography	1965
19660092417	Infrared examination of soldered electrical cable connections - an annotated bibliography	1965
19660092427	Supersonic transport, phase iib engine development program monthly technical progress report, may 1965	1965
19660092432	1964 advanced ramjet concept program. volume v - nonregeneratively cooled combustion chambers and nozzles	1965
19660092440	Cold welding of aluminum - an annotated bibliography	1965
19660092441	Investigation of variables in turbine erosion monthly progress report no. 1	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092442	Biological test and data systems for space vehicle applications - an annotated bibliography	1965
19660092445	Data compression techniques for telemetry links - an annotated bibliography	1965
19660092446	Diffusion bonding - an annotated bibliography	1965
19660092447	Bi-directional counter model cf-400r gh	1965
19660092450	Potassium corrosion test loop development monthly status report, 15 jan. - 15 feb. 1965	1965
19660092451	Potassium corrosion test loop development monthly status report, 15 feb. - 15 mar. 1965	1965
19660092458	Mechanization equations and error analysis routines for alignment and calibration of a low-cost inertial navigator	1965
19660092471	Theoretical, investigative, and experimental program directed toward design and development of an improved gallium arsenide infrared light source second interim technical report, 1 oct. - 31 dec. 1965	1965
19660092472	Research on increased red sensitivity trialkaline photocathodes quarterly progress report, 1 aug. - 31 oct. 1965	1965
19660092479	Qualification tests on electrical wire, types b-22 and b-23, with a nylon jacket	1965
19660092480	Qualification tests on electrical wire, types b-22 and b-32	1965
19660092483	Qualification of fixed film /cermet/ resistors /for special use in freon 114/	1965
19660092485	Shaped charge, linear flexible	1965
19660092487	Exposure of mil-h-6083 hydraulic oil to electrical arcing	1965
19660092488	Engineering evaluation test report on reactor, saturable	1965
19660092489	Evaluation tests on resistors, fixed wirewound	1965
19660092492	Test laboratory procedure report	1965
19660092493	Evaluation of ward leonard resistor 7735478 p5112t9	1965
19660092494	Evaluation testing of new advanced components	1965
19660092495	Tropical service life of electronic components /actual use conditions/	1965
19660092496	Tropical service life of electronic components /actual use conditions/	1965
19660092498	Qualification tests on transformers, manufacturer's type 70937, transformers, power, hermetically sealed, 60 cps	1965
19660092499	Charged particle gravitometer research final report, 1 mar. - 30 nov. 1965	1965
19660092501	Evaluation test of kent flat cable	1965
19660092503	Study of ductile coatings for the oxidation protection of columbium and molybdenum alloys bimonthly letter progress report, 1 jul. - 30 aug. 1965	1965
19660092504	Research studies to improve the spectral response and efficiency of photoemitters second interim technical report, 20 jul. - 28 oct. 1965	1965
19660092506	Analysis and modification of the an/fpq-6 mipir real time and calibration programs for camarvon	1965
19660092508	Off-limits test results helium pressure regulators	1965
19660092510	Development of covered electrodes for hy130/150 steel	1965
19660092511	Differential temperature system, north american aviation, inc. specification mc901-0493 qualification test report	1965
19660092512	Results of a stress corrosion study of taper- lok fasteners installed in 2024-t851 aluminum alloy	1965
19660092513	Qualification test report on fixed cap	1965
19660092514	Qualification test, semiconductor device, diode, zener	1965
19660092515	Line assembly, jacketed pressure supply, lox tank final report	1965
19660092520	Dynamic properties of rocks interim final report	1965
19660092521	Compilation of television equipment and salient parameters	1965
19660092525	The concept of erosion strength	1965
19660092526	Investigation of explosive reactions involving oxygen difluoride accident report, 15 oct. 1963 - 15 apr. 1965	1965
19660092527	Investigation of impaction mechanisms of particles on collectors in turbulent flow third quarterly report, 20 aug. - 19 nov. 1965	1965
19660092528	The infrared transmission of seventeen special, multilayer transmission filters	1965
19660092531	An investigation of the performance of jet engine fuels for supersonic transport aircraft - tests in large-scale airframe and aircraft engine fuel system test rig	1965
19660092532	An investigation of the performance of jet engine fuels for supersonic transport aircraft - small-scale fuel coker studies	1965
19660092533	An investigation of the performance of jet engine fuels for supersonic transport aircraft technical report, feb. 1962 - mar. 1965	1965
19660092536	Qualification test of 3-way solenoid valve, douglas specification control no. 1a79336-1. marotta valve company p/n 806173, general test plan item no. x-47, model no. saturn s-ivb	1965
19660092537	Line assembly, fittings, tubing, hose - swivel connection, gas, noc, 100-000 psig	1965
19660092538	Modification of neural nonlinear oscillators by microwaves final technical report, sep. 1964 - oct. 1965	1965
19660092542	Qualification, evaluation of the mechanical energy attenuating device designed for the modular zero/zero escape system	1965
19660092543	Qualification tests of texaco, inc. tla-236 pour point depressant for use in mil-l-6082c aviation engine oils final report, 14 jun. - 21 oct. 1965	1965
19660092544	Qualification tests of rohm and haas company acryloid 162 pour point depressant for use in mil-l-6082c aviation engine oils final report, 28 jun. - 21 oct. 1965	1965
19660092548	A technique for the examination of some elements of a lunar trajectory	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092551	Straza industries line assembly no 6 gh2 manifold	1965
19660092552	Line assembly number 2 go2 tubing, casing and sleeving, steel corrosion resistant, thin wall	1965
19660092553	A study of load alleviating control systems for large launch vehicles	1965
19660092560	Leak Test, Switch, Thermal, Hydraulic System, Temperature Control, Type 3 Qualification Test	1965
19660092568	Anode spot oscillations semiannual progress report no. 2, 1 dec. 1964 - 31 may 1965	1965
19660092569	Advanced bearing study quarterly progress report no. 1, 29 jun. - 30 sep. 1965	1965
19660092570	RI10 rocket engine monthly technical report, 1 feb. - 1 mar. 1965	1965
19660092571	RI10 Rocket Engine Monthly Technical Report, 1 Apr. - 1 May 1965	1965
19660092572	RI10 rocket engine monthly technical report, 1 sep. - 1 oct. 1965	1965
19660092576	Cryogenic resins for glass filament-wound composites quarterly progress report no. 1, 6 may - 5 aug. 1965	1965
19660092578	Auditory masking - a study of its physiological mechanism and of correlations between physiological and psychological observations progress report, period ending dec. 31, 1964	1965
19660092582	The synthesis and utilization of low molecular weight ozonides for air revitalization purposes quarterly progress report no. 6	1965
19660092588	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen quarterly report no. 7, 1 may - 31 jul. 1965	1965
19660092589	Development of Thermal Protection System for a Cryogenic Spacecraft Module Fourth Quarterly Progress Report, 1 Apr. - 30 Jun. 1965	1965
19660092592	Development of improved adhesives for use at cryogenic temperatures to 423 deg f quarterly progress report, apr. 1 - jun. 30, 1965	1965
19660092595	Lunar excursion module program monthly progress report no. 23, for dec. 1964	1965
19660092596	F-1 engine improvement and application study sixth informal monthly status report, 6 dec. 1964 - 5 jan. 1965	1965
19660092597	Meteoroid-bumper Interaction Studies Fourth Quarterly Progress Report, Mar. 15 - Jun. 15, 1965	1965
19660092598	Investigation of sputtering effects on the moon's surface seventh quarterly status report, 25 oct. 1964 - 24 jan. 1965	1965
19660092600	Short-range intermolecular forces and high temperature gas transport properties progress report	1965
19660092601	Sst handling characteristics during approach and landing flight regimes monthly progress report no. 15, 1-31 jun. 1965	1965
19660092603	Strength of glass as related to edge finish twelfth quarterly technical report	1965
19660092604	Design, development, and fabrication of improved high altitude full pressure suits monthly engineering progress report no. 20, 24 jan. - 23 feb. 1965	1965
19660092606	Advanced studies on multi-layer insulation systems second quarterly-progress report, jun. 1 - aug. 31, 1965	1965
19660092608	All-fluid Amplifier Development for Liquid Rocket Secondary Injection Thrust Vector Control Quarterly Technical Report No. 3146	1965
19660092610	Wind tunnel newsletter	1965
19660092611	Wind tunnel newsletter	1965
19660092612	Variable amplitude fatigue characteristics of the wing of a typical fighter airplane	1965
19660092614	Wind tunnel newsletter	1965
19660092615	Tungsten arc welding titanium using a non-reactive flux final technical report, 1 feb. 1964 - 28 feb. 1965	1965
19660092616	Investigation of total energy absorption in omnidirectional gamma-ray, bremsstrahlung and neutron fluxes status report, jan. 1 - may 31, 1965	1965
19660092620	The kinetics and mechanisms of the strengthening of maraging steels quarterly progress report, 1 oct. - 31 dec. 1964	1965
19660092621	Investigation of a Light-weight Self- Evacuating Prefabricated Multi-layer Insulation System for Cryogenic Space Propulsion Stages Quarterly Progress Report No. 1, 3 Jun. - 2 Sep. 1965	1965
19660092622	Improved cryogenic resin/glass-filament- wound composites first quarterly report, 29 jun. - 28 sep. 1965	1965
19660092623	Nasa industrial applications study first phase report, 8 mar. - 7 jun. 1965	1965
19660092625	Investigation of smooth-bonded metal liners for glass fiber filament-wound pressure vessels quarterly progress report no. 1	1965
19660092627	200 kw wide band s-band transmitter	1965
19660092628	Independant tracking coordination program quarterly report, 1 jan. - 31 mar. 1965	1965
19660092633	RI10 rocket engine monthly technical report, 1 mar. - 1 apr. 1965	1965
19660092634	Fatigue strength evaluation of candidate titanium materials for the supersonic transport first monthly progress report	1965
19660092637	Rapid determination of electron impact ionization and appearance potentials	1965
19660092639	Wind tunnel newsletter, may 1965	1965
19660092641	Unified s-band system for apollo network progress report, 1-31 jan. 1965	1965
19660092643	Glass-fiber-reinforced Metallic Tanks for Cryogenic Service Quarterly Report, 16 Jun. - 15 Sep. 1965	1965
19660092645	Evaluation of fasteners and fastener materials for space vehicles seventh quarterly progress report, may - jul. 1965	1965
19660092646	Evaluation and demonstration of the use of cryogenic propellants /o2 - h2/ for reaction control systems quarterly report, 1 jul. - 1 oct. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092648	Engineering effort to obtain long time creep data on structural sheet materials for sst applications final report, 1 jun. 1961 - 30 oct. 1964	1965
19660092651	Fatigue behavior of sheet materials for the supersonic transport. volume ii - static test data, s-n test data and s-n diagrams final technical report, may 1, 1963 - dec. 31, 1964	1965
19660092652	Fatigue behavior of sheet materials for the supersonic transport. volume i - summary and analysis of fatigue and static test data final technical report, may 1, 1963 - dec. 31, 1964	1965
19660092653	Research on plane strain flaw growth in thick walled tanks quarterly progress report no. 3, dec. 27, 1964 - mar. 26, 1965	1965
19660092658	Large segmented, fiberglass reinforced, plastic rocket motor cases interim engineering progress report, 1 nov. 1964 - 31 jan. 1965	1965
19660092662	Investigation of variables in turbine erosion quarterly status letter no. 1	1965
19660092672	Research on new techniques for the analysis of manual control systems progress report, jun. 15 - dec. 15, 1965	1965
19660092680	Volunteer satellite observation program summary of progress and report of activities, third quarter, jul. 1 - sep. 30, 1965	1965
19660092681	Nasa industrial applications study quarterly report, 8 jun. - 7 sep. 1965	1965
19660092687	Deposition of tungsten by reduction of the hexafluorine with hydrogen in the vapor phase quarterly report, feb. 1 - may 1, 1965	1965
19660092691	Unified S-band System for Apollo Network Interim Development Report, 1-28 Feb. 1965	1965
19660092692	Wind tunnel newsletter	1965
19660092698	Methods of structural optimization for flat sandwich panels	1965
19660092700	Shock tube determination of the cf /a2 sigma plus - x2 pi/ band system oscillator strength. task 3.5 - experimental gasdynamics - rest program	1965
19660092701	Anode spot oscillations semiannual progress report no. 1, 1 jun. - 30 nov. 1964	1965
19660092703	Silica fiber/core-sheath fiber quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19660092711	Development, test and evaluation of helicopter rescue hoist cables	1965
19660092718	RI10 Rocket Engine Monthly Technical Report, 1 Jul. - 1 Aug. 1965	1965
19660092719	Supersonic transport lubrication system investigation semiannual progress report no. 1	1965
19660092723	Vibration analysis report program 624a, configuration c, flight plan viii	1965
19660092725	Program for the evaluation of structural reinforced plastic materials at cryogenic temperatures, phase ii second quarterly progress report no. 18, 29 sep. - 31 dec. 1964	1965
19660092727	Research on gas plated refractory metal coatings quarterly report, 1 feb. - 30 apr. 1965	1965
19660092728	Plasma diagnostics study quarterly report, 1 oct. - 31 dec. 1964	1965
19660092729	Picture memory in chimpanzees	1965
19660092730	Process Development and Pilot-plant Production of Silane Polymers of Diols Second Quarterly Report, Nov. 27, 1964 - May 27, 1965	1965
19660092732	Process development and pilot-plant production of silane polymers of diols third quarterly report, jun. 15 - sep. 15, 1965	1965
19660092733	Properties of glasses at elevated temperatures progress report no. 29, 1 jan. - 31 mar. 1965	1965
19660092737	RI10 rocket engine monthly technical report, 1 dec. 1964 - 1 jan. 1965	1965
19660092739	RI10 rocket engine monthly technical report, 1 aug. - 1 sep. 1965	1965
19660092747	Fundamental investigation of molybdenum disulfide as a solid lubricant quarterly progress report no. 3, 23 jan. - 22 apr. 1965	1965
19660092748	Design procedures for the structural optimization of flat sandwich panels	1965
19660092751	Investigation of aperiodic sampling of random access discrete address systems /radas/ final report	1965
19660092753	Investigation of nuclear methods for detection of incipient-stage fatigue failure	1965
19660092757	Intermittent creep and stability eighth progress report, 15 jul. 1964 - 15 jan. 1965	1965
19660092758	Atlas/centaur launch vehicle study. phase iii - guidance and control monthly progress report, 1-26 feb. 1965	1965
19660092759	Photocathode development final technical report, 2 jun. 1964 - 1 jun. 1965	1965
19660092765	Dual-chamber controllable solid propellant rocket motor. volume ii - analytical study third annual report, fiscal year 1964	1965
19660092766	Dual-chamber controllable solid propellant rocket motor. volume i - research and development efforts third annual report, fiscal year 1964	1965
19660092767	Development of a supersonic transport aircraft engine - phase ii-b summary monthly progress letter report, may 1965	1965
19660092768	Development of a supersonic transport aircraft engine - phase ii-b summary monthly progress letter report, mar. 1965	1965
19660092769	Development of a supersonic transport aircraft engine - phase ii-b summary monthly progress letter report, feb. 1965	1965
19660092770	Development of a supersonic transport aircraft engine - phase ii-b summary monthly progress letter report, apr. 1965	1965
19660092772	Supersonic transport phase ii-a engine development program monthly technical progress letter report, dec. 1964	1965
19660092775	Some basic principles of scaling explosion-produced damage to deep unlined openings in rock final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092779	Development of gallium arsenide infrared light sources final technical report, 23 may 1963 - 30 jun. 1965	1965
19660092780	Multiplier channel plates interim report, 1 jun. - 31 aug. 1965	1965
19660092781	Fabrication of microchannel arrays of improved characteristics quarterly report, may 18 - aug. 18, 1965	1965
19660092782	Fabrication of microchannel arrays of improved characteristics quarterly report, aug. 18 - nov. 18, 1965	1965
19660092784	Fluid state accelerometer, phase i final report	1965
19660092785	Development of a supersonic transport aircraft engine, phase ii-b monthly progress report, for jan. 1965	1965
19660092789	Development of 25mm microchannel inverter tube interim technical report, sep. 1 - dec. 31, 1965	1965
19660092793	Hypersonic firings of a sphere-cone configuration	1965
19660092798	Report on evaluation of cornell aeronautical laboratory model 568ti helicopter true airspeed indicating system final report	1965
19660092799	Frequency conversion and amplification using doppler-shift methods in solids	1965
19660092802	Investigation of a southcast no. 8, epoxy potting compound final report	1965
19660092803	Disconnect liquid hydrogen tank vent	1965
19660092804	Adverse weather tests of the ch-47a helicopter final report, 9 sep. 1963 - 2 jun. 1965	1965
19660092805	Evaluation testing of new advanced components	1965
19660092807	Evaluation tests on flexible power cable	1965
19660092808	Evaluation tests on capacitors, fixed, solid electrolyte, tantalum, series j	1965
19660092809	Angular energy distribution of photoelectrons final report	1965
19660092811	The effect of a changing gamma-ray fallout spectrum on the ground roughness factor	1965
19660092812	Evaluation testing of minnesota mining and manufacturing company instrument department 13 bit polaris-type optical shaft angle encoder interim report	1965
19660092813	Experimental analysis of hybrid rocket fuels for mhd pulse power generation interim technical report, 2 mar. - 2 sep. 1965	1965
19660092817	Manned spacecraft systems cost model first progress report	1965
19660092820	A literature survey on underwater rocketry	1965
19660092821	Measurement of the shock parameters generated during the opening of the high-drag fins used on the mk 81 and mk 82 bombs	1965
19660092823	Research on the thermicon image tube quarterly report, apr. 10 - jul. 9, 1965	1965
19660092828	The characteristics of a ballute in the wake of the martin full-scale sv-5d vehicle at mach numbers from 0.6 to 2.9	1965
19660092830	Some notes on the equivalence of nuclear and high explosives final report	1965
19660092851	Chaff effects on a doppler radar	1965
19660092857	Low signature ablative materials. part i - orientation and materials concepts annual report, 1 jul. 1964 - 1 jul. 1965	1965
19660092860	Lightweight north seeking gyro azimuth surveying instrument, model no. 11ng531a final engineering report	1965
19660092862	4 inch disconnect valve - quick disconnect gas, noc, 0-100 psig	1965
19660092865	Type 3 qualification test, hydraulic system temperature control thermal switch dac scn 1a74765-501	1965
19660092868	Bibliography on methods of structural optimization for flat sandwich panels	1965
19660092871	Propagation and dispersion of hydromagnetic and ion cyclotron waves in plasmas immersed in magnetic fields semiannual status report no. 5, jan. 15 - jul. 14, 1965	1965
19660092875	Degradation of a spread-spectrum communications system as the result of signal passage through a hard-limiting repeater	1965
19660092876	Determination of the sun and earth vectors relative to vehicle body axes	1965
19660092877	Atmospheric density calculations for charged particles trapped in the earth's magnetic field	1965
19660092917	Research, investigation, and study of improved vapor-reacted phosphor screens final technical report, 4 may 1964 - 4 may 1965	1965
19660092919	Fuselage fail-safe design data for the supersonic transport /follow-on program/ second quarterly report, 1 dec. 1964 - 28 feb. 1965	1965
19660092920	Research on plane strain flaw growth in thick-walled tanks monthly progress report no. 6, 27 jan. - 26 feb. 1965	1965
19660092921	Fatigue strength evaluation of candidate titanium materials for the supersonic transport monthly progress report no. 4	1965
19660092927	Component test report for manufacturer qualification of relay, 2 amps, hermetically sealed, 28 v dc, d'arsonval	1965
19660092928	Component test report for manufacturer qualification of microelectronic circuits	1965
19660092929	Control moment gyroscope /cmg mod ii/ characteristics, appendix 17	1965
19660092931	Program 624a reliability/quality assurance/ maintainability quarterly status review	1965
19660092932	Air/sea/land rescue satellite system, a feasibility study	1965
19660092933	Apl rcs analysis-iii - balloon cross sections in the 5 to 40 mcs frequency range	1965
19660092934	Ion debris simulation quarterly progress report no. 2, 29 jul. - 29 oct. 1965	1965
19660092936	Communicability between a single polar satellite and an arbitrarily located ground station	1965
19660092938	Terrestrial direct conversion nuclear power plant conceptual design technical documentary report, 15 jun. - 7 dec. 1964	1965
19660092945	Compatible semiconductor thin film techniques quarterly status report, 1 may - 31 jul. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092956	Basic metallurgy of diffusion bonding interim technical documentary progress report no. 4, 16 feb. - 15 may 1965	1965
19660092957	An experimental and mathematical study of the mechanism of wood ignition final report, apr. 1964 - 31 may 1965	1965
19660092959	Component test report for manufacturer qualification of semiconductors, diode, zener, silicon	1965
19660092960	Component test report for manufacturer qualification, semiconductors, diode, zener, silicon	1965
19660092972	Load parameter effects on relay contact resistance	1965
19660092976	Relays, exploratory	1965
19660092979	C2 escape system improvements	1965
19660092984	Hy-180/210 maraging steel weldments - suitability of electron beam and high current density tig processes, march 1964 - february 1965	1965
19660092986	A feasibility of igniting propellant with a miniature electric primer utilizing exothermic alloy wire	1965
19660092990	Atmospheric effects on relay reliability	1965
19660092991	A semi-empirical determination of dose rates within an aircraft carrier enveloped by a cloud of co60	1965
19660092994	Telemetry an/skq-1 training feedback study	1965
19660092996	Measurement of frost heaving forces on piles technical report, 1956 - 1963	1965
19660092997	Solar boresighting of prelort radars	1965
19660092999	High chamber pressure staged combustion research program quarterly progress report no. 3, 16 apr. - 16 jul. 1965	1965
19660093000	Supersonic transport, phase ii-b engine development program monthly technical program report, feb. 1965	1965
19660093009	Supersonic transport, phase ii-b engine development program monthly technical program report, jan. 1965	1965
19660093016	Supersonic transport, phase ii-b engine development program monthly technical progress report, apr. 1965	1965
19660093017	Supersonic transport, phase ii-b engine development program monthly technical progress report, mar. 1965	1965
19660093024	Three-dimensional vibration testing with mutually perpendicular exciters	1965
19660093026	Failure analysis of precision miniature ball bearings	1965
19660093027	Shock spectra analyses of second program 624a payload fairing separation	1965
19660093029	Bi-communicability between equally-spaced satellites in a 24-hour circular equatorial orbit	1965
19660093030	Oceanographic and underwater acoustics research, 1 november 1964 - 30 april 1965	1965
19660093032	Humidity withstanding capabilities of sprague type d22759, 22760, 22761	1965
19660093034	Reactors life test	1965
19660093035	General outline of principles involved in testing	1965
19660093041	Theoretical study of the radiative emissivity of materials twenty-fifth - twenty-seventh monthly progress reports, 1 may - 31 jul. 1965	1965
19660093050	Durant 49000-405 single decade electro- magnetic impulse counter with electrical readout	1965
19660093051	State of the art of microprogramming	1965
19660093052	Test for resistance change due to shelf life, humidity and load life	1965
19660093054	A technique for determining the strength of adhesive joints by compression shear	1965
19660093055	Test of connector receptacle	1965
19660093056	Hy-180/210 weldments - development of filler metals and joining procedures summary report, jun. 1963 - may 1965	1965
19660093057	Evaluation of dearborn capacitors during and/or after exposure to the specified environments	1965
19660093058	A compilation of papers presented at the sixth annual afetr range user data conference	1965
19660093059	Data correlation facility	1965
19660093060	Signature operations mission, responsibilities and functions	1965
19660093061	Signature instrumentation evaluation	1965
19660093062	Radar calibration data processing	1965
19660093063	The interpretation of radar signature data	1965
19660093064	Telemetry data processing	1965
19660093065	What is the glad program /ques/	1965
19660093066	The use of glad for systems calibration and evaluation	1965
19660093067	Orbit generators for orbit determination program orcal	1965
19660093068	The use of the orcal program for orbit determination	1965
19660093069	Nrd future in orbital support - the range instrumentation calibration program	1965
19660093070	Test on international resistance co. model 150 trimmer potentiometers	1965
19660093071	Test on amelco 2n2484/date code 433/ silicon transistors	1965
19660093076	General specification integrated circuits, rctl, series smn51	1965
19660093078	Tracking of synchronization for anti-jam communication systems	1965
19660093082	Integration of the pearson type iv curve	1965
19660093084	Integration of the pearson family of probability curves	1965
19660093085	Incoming inspection methods for coaxial connector testing, including time domain reflectometry	1965
19660093087	Inspection of transformer, converter, dc-dc	1965
19660093088	Kessler-ellis e16.13, 25/sec, 24 volt electromagnetic impulse counter	1965
19660093091	An annotated bibliography on physics of failure, silicon devices and capacitors, 1953 - jul. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093092	Apl geodetic satellite project /anna/ status report, jul. - sep. 1965	1965
19660093094	Relays, hermetically sealed, 26.5 vdc, armature, spdt component evaluation report	1965
19660093095	Environmental evaluation of general electric company planar epitaxial dhd-633 diode	1965
19660093098	Cx-6 v/stol assault transport support system study. volume ii - design. section 4 - structures analysis. section 5 - weights. final report	1965
19660093101	Equations and Program Specifications for the Burroughs Mod Iii /A-1/ Guidance Computer for the Fifth Gemini Titan Launch Vehicle /GT-5/	1965
19660093112	Supersonic combustion exploratory development /dual mode scramjet/ monthly letter progress report, apr. 1965	1965
19660093122	Cx-6 v/stol assault transport support system study final report	1965
19660093123	Study and development of image intensifiers /channel focused/ interim report no. 3, 1 sep. - 1 dec. 1964	1965
19660093143	Test report for the six hundred engineering test samples ba-605 /mod r//u battery	1965
19660093148	Atomic particle irradiation techniques	1965
19660093151	Missile guidance array antenna second quarterly report, 16 dec. 1964 - 15 mar. 1965	1965
19660093154	Structural and synthesis study of inorganic oxidizers quarterly report, 1 jul. - 30 sep. 1965	1965
19660093155	Wasp rocket advanced development program quarterly report, 16 jun. 1965 - 16 sep. 1965	1965
19660093156	Flame temperature measurement of metallized propellant quarterly technical report, 19 may - 18 aug. 1965	1965
19660093164	Radar cross section of the metallic cone- sphere final technical report, 18 dec. 1964 - 18 nov. 1965	1965
19660093177	F-111b preliminary aircraft performance report	1965
19660093229	Theoretical, investigative, and experimental program directed toward design and development of an improved gallium arsenide infrared light source interim technical report, 30 jun. - 30 sep. 1965	1965
19660093232	Optimum signal processing for amti radars with varied interpulse spacings	1965
19660093275	Systems analysis of atlas e/f launch vehicle parametric performance studies	1965
19660093290	Morl isotope power system final briefing	1965
19660093298	Poodle thruster and capsule research volume ii final report	1965
19660093299	Nuclear isotope monopropellant hydrazine engine resistively heated simulation program volume iii final report	1965
19660093300	Poodle propulsion subsystem technology volume iv final report	1965
19660093306	Relays, magnetic latching p/n fl-4057	1965
19660093307	/temperature shock test/ capacitor, fixed, ceramic dielectric non-polarized-matched pair	1965
19660093309	Calculation of partial derivatives of instantaneous inertial position and velocity vectors with respect to keplerian elements at epoch and gravitational coefficients	1965
19660093310	Component parts evaluation report, semiconductor diode, fast switching /computer/ silicon	1965
19660093311	Development of lunar drill program monthly progress report, 1-31 dec. 1965	1965
19660093314	Design criteria for zero-leakage connectors for launch vehicles monthly technical progress report, period ending 30 nov. 1965	1965
19660093319	Qualification testing program, winchester electronics, inc.	1965
19660093320	Pershing components parts qualification test program, atlas connector, ord. p/n 10581896- 1b and 10581897-1b	1965
19660093322	Qualification test of toroidal inductor per army ordnance drawing #10070394	1965
19660093324	Qualification of texas instruments, inc. type tm-1/4, sensistors	1965
19660093326	Detailed procedure for obtaining stability derivatives from flight test data by analog matching	1965
19660093327	Development of techniques for automatic manufacture of integral circuits interim engineering progress report, 1 feb. - 30 apr. 1965	1965
19660093329	Development of manufacturing methods for producing pyrolytic graphite in various shapes and structures interim engineering progress report, 1 jul. - 30 sep. 1965	1965
19660093332	Modifications to the verlort/prelort radars to provide interchangeable c-band and s-band operation	1965
19660093335	Blanket assembly, electrically heated	1965
19660093339	Multiple target discrimination ir field test program final report	1965
19660093345	High chamber pressure storable toroidal combustion chamber studies final program progress report, 1 jan. 1964 - 1 mar. 1965	1965
19660093356	An analysis of the effects of injection parameters on the thrust vector control performance of the lance missile	1965
19660093358	High performance reliable vlf component of the naval advanced communications system, volume i final research report	1965
19660093363	Inlet-exhaust-thrust reverser program for the commercial supersonic transport third quarterly progress report, dec. 1, 1964 - feb. 29, 1965	1965
19660093364	An investigation of the performance of jet engine fuels for supersonic transport aircraft. small-scale tests in the heat transfer unit special technical report	1965
19660093365	Interservice data exchange program report listing, volume 1	1965
19660093366	An investigation of the performance of jet engine fuels for supersonic transport aircraft. small-scale tests in the minex rig	1965
19660093368	Electrical power profiles for spacecraft using a fortran computer program	1965
19660093369	Sst seat investigation	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093372	Explosion-bulge tests of experimental 5ni-cr-mo-v hy-130/150 weldments	1965
19660093374	Sst phase iia monthly technical progress letter report, 1-31 dec. 1965	1965
19660093375	Sst phase iia monthly technical progress letter report no. 6, 1-31 dec. 1964	1965
19660093376	Supersonic transport program, phase iib monthly technical progress letter report, mar. 1965	1965
19660093379	Mechanical and life test, semiconductor device, diode, reference continental devices cd 34416, sylvania part number 13-268231-1	1965
19660093383	Sst phase iib monthly technical progress letter report	1965
19660093384	Sst phase iib monthly technical progress letter report	1965
19660093387	Component test report for manufacturer qualification on microelectronic circuits	1965
19660093388	Program 624a, integrated contamination control plan	1965
19660093389	Component test report for manufacturer qualification - semiconductors, diode, zener, silicon	1965
19660093391	Qualification tests on inductors manufacturer's type 70938	1965
19660093393	Sst handling characteristics during approach and landing flight regimes contract exhibit "a" interim progress report, 1 jan. - 31 aug. 1965	1965
19660093394	Integrated payload package concept study final report	1965
19660093396	Wedge-lock, coaxial cable connectors, automatic metal products corporation	1965
19660093397	Random processes	1965
19660093410	Full-power and step-stress life testing of fairchild type 2n2696 transistors	1965
19660093411	Supplementary qualification tests on resistors, variable, wirebound, lead screw actuated, type rt10	1965
19660093412	Program 461 report on fuse test	1965
19660093415	Multiplexing of digital ranging, telemetry, and command signals in an integrated system	1965
19660093417	Mol crew safety review briefing	1965
19660093418	Image intensifier sec vidicon camera final technical report	1965
19660093419	Thiokol Space Engine Technology Presentation	1965
19660093437	Research on photoconductive beam scanning pickup tubes interim technical report	1965
19660093438	A study of the factors affecting the properties of 12 ni maraging steel weld metals	1965
19660093453	Pershing evaluation test report for heater element model 74-1181-2 thermal systems, inc.	1965
19660093454	Manufacture of internal attenuator for helix-type traveling-wave tubes final report	1965
19660093455	Radiac calibrator set an/udm-2	1965
19660093457	Installation of terminals - printed circuit boards final report	1965
19660093466	Full-power step-stress life-testing of type 2n2222 transistors from several vendors	1965
19660093467	The fundamentals of fault-tree analysis	1965
19660093470	Era 3kv power supply evaluation	1965
19660093472	Evaluation test for capacitors, components, inc.	1965
19660093474	Investigation of corrosiveness of mil-t-5544 thread lube on aluminum parts	1965
19660093478	Design of vacuum jacketed ducts, lines, and bellows for use on space vehicles second quarterly report, 1 nov. 1964 - 31 jan. 1965	1965
19660093496	Nasa - huntsville actuation system monthly progress reports, dec. 1964 - jul. 1965	1965
19660093511	Cx-6 v/stol assault transport system planning studies evaluation report, 19 jan. 1965 - 30 aug. 1965	1965
19660093518	Sst phase 11b monthly technical progress letter report	1965
19660093535	Hot-gas valve program final report	1965
19660093541	Determination of the particle density of the upper atmosphere by means of scattered light measurements scientific report no. 1	1965
19660093553	Low acceleration space transportation system study fourth oral progress report, jul. - nov. 1965	1965
19660093554	Development of filter band pass band suppression f-899/ //trr final progress report, 1 aug. 1964 - 31 may 1965	1965
19660093558	The effects of sonic boom on structural behavior. a supplementary analysis report final report	1965
19660093563	Research and development on l-band crossed- field amplifier chain final report	1965
19660093575	Semiconductor device qualification tests, general specification	1965
19660093576	Effects of gravitational perturbations on the behavior of a satellite in a nominal 24-hour equatorial circular orbit	1965
19660093577	The early effect of an explosion in a multi- layered medium	1965
19660093578	The effect of re-entry vehicle parameters on electromagnetic losses in the lower atmosphere	1965
19660093579	Irradiation effects on reactor structural materials quarterly progress report, feb. - apr. 1965	1965
19660093580	A parametric study for low-power radioisotope- fueled thermoelectric generators	1965
19660093581	Radiation evaluation of the g657155 transistor /a2410/	1965
19660093582	Reactor development, physical research, biology and medicine, and isotope development status and progress report, apr. 1965	1965
19660093583	Aero-ballistic development of the strypi rocket vehicle for operation dominic	1965
19660093584	Reactor development, physical research, and biology and medicine status and progress report, may 1965	1965
19660093585	Transient flow field analysis around a conical body exposed to a blast wave	1965
19660093587	Fuels and materials development program quarterly progress report, period ending 30 jun. 1965	1965
19660093589	Establishment of a gas flow standard	1965
19660093590	Booster rocket altitude abort program first quarterly progress report, 4 jan. - 4 apr. 1965	1965
19660093591	Calibration of surface plates, procedure lm-15	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093592	Snap-15a and snap-15b fuel-capsule impact tests	1965
19660093593	Filament winding in the aerospace and defense industries	1965
19660093596	Materials analysis techniques	1965
19660093597	Methods for analyzing communication satellite link performance	1965
19660093599	Structural changes in high-strength steel associated with stress corrosion and its relationship to delayed failure quarterly progress report, 28 dec. 1964 - 28 mar. 1965	1965
19660093600	Investigation of the stress corrosion characteristics of ti-6ai-4v titanium alloy during exposure to n204	1965
19660093601	Report of evaluation tests on relays, armature, time delay	1965
19660093603	Component test report for manufacturer qualification of semiconductor, diode, zener, silicon	1965
19660093604	Component test report for manufacturer qualification on transformer, power, general purpose, 400 cps	1965
19660093605	1034 universal counter-timer	1965
19660093606	Titan iic solid rocket motor exhaust toxicity analysis	1965
19660093607	Component evaluation report	1965
19660093608	Whittaker 7005d 24as/10 electromagnetic impulse counter with electrical readout	1965
19660093617	Mcc-houston real-time computer program requirements for apollo c-v - mission oract programming requirements	1965
19660093634	Dual-drone study for integrated guidance and control system, mqm-58a procurement package, 17 june 1964 - 10 january 1965	1965
19660093644	Rocket exhaust studies	1965
19660093662	Gemini igs hardware validation final report	1965
19660093663	Gemini agena target vehicle /5002 and on/ procedure and requirements for acceptance	1965
19660093664	Flexible circuit manufacture - an annotated bibliography	1965
19660093666	Investigation of broad spectrum volumetric response in solid propellants final report, apr. 1, 1964 - mar. 31, 1965	1965
19660093667	High performance reliable vlf component of the naval advanced communications system. vlf system design, specification and evaluation processes final report	1965
19660093668	The sprague 600d capacitors, 13 mfd and 580 mfd qualification	1965
19660093670	Failure analysis of babcock br-5 relays	1965
19660093671	Semiconductor device qualification tests, general specification for semiconductor diode, zener, silicon	1965
19660093674	Lox recirculation system lines	1965
19660093675	Qualification test report for dc amplifier	1965
19660093676	Semiconductor devices, qualification test general specification	1965
19660093677	Report of test on weston model 9845 trimmer potentiometers	1965
19660093678	Connections, electrical, wire wrapped	1965
19660093682	Sphere, storage, helium lo2 tank pressurization p/n 1a48858-1, qualification test	1965
19660093684	Aviation and cosmonautics no. 6 aviatsiya i kosmonavtika nr. 6	1965
19660093685	Aviation and cosmonautics no. 5 aviatsiya i kosmonavtika	1965
19660093687	Qualification tests of general electric 1n3191 silicon rectifiers	1965
19660093688	Report of test on transformer, hughes, 873668	1965
19660093694	Parachute - payload response and oscillation analysis /sc-72/	1965
19660093699	Fill and drain valve design development test	1965
19660093703	In-line gas check valve qualification test	1965
19660093704	Evaluation of s-122 teflon spray coat for inhibiting galvanic action	1965
19660093706	Report of test on three axis rate gyro package	1965
19660093707	Component evaluation report on resistors, variable, wirewound, multiturn, linear, .50 watt	1965
19660093709	Qualification test report for variable resistance temperature transducer /cryogenic, mc fitting/	1965
19660093713	Semiconductor device qualification tests, general specification	1965
19660093715	Connector, coaxial, rf female 90 degree push on	1965
19660093716	Failure analysis, micro semiconductor corporation diode, type csc-1	1965
19660093718	A unified method for predicting the performance of subsonic diffusers of several geometries	1965
19660093719	Switch, power overcurrent relay	1965
19660093723	Connector, coaxial, r. f. male push - on	1965
19660093724	Quick disconnects evaluation qualification test	1965
19660093732	Failure analysis, general instrument corporation type 2n75 3 transistor	1965
19660093733	Failure analysis, sperry semiconductor transistors, types 172p2 and 164n2	1965
19660093734	Qualification and off-limits test report on ua528319-1 and ua528320-1	1965
19660093735	Transformers, life	1965
19660093737	1 inch disconnect valve	1965
19660093739	Investigation of secondary effects for the checkout of nonelectronic systems technical report, may 1964 - may 1965	1965
19660093740	Piston position potentiometer vibration tests, august 6-10, 1965	1965
19660093741	Lo2 chilldown motor container valve qualification test dac p/n 1a67913-1	1965
19660093743	Component parts evaluation report	1965
19660093744	3-way solenoid acceptance test	1965
19660093745	Acceptance test of valve shutoff	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093746	Resistor, fixed, metal film, precision, molded, 20 ohms equals 0.1 percent, 0.3 watt, equals 15 ppm/deg c	1965
19660093749	Investigation of the effect of material properties on composite ablative material behavior second quarterly report, sep. 11 - dec. 10, 1965	1965
19660093751	Relays, life p/n 6082077	1965
19660093752	Study of the application of advanced solid and hybrid systems to space missions monthly status report, 11 sep. - 11 oct. 1965	1965
19660093756	Component evaluation report	1965
19660093757	Evaluation of coast proseal 780 polysulfide cement	1965
19660093758	Environmental capabilities of u. s. capacitor corp. type c21ba820m capacitor	1965
19660093759	Line assembly, return, liquid oxygen recirculating system	1965
19660093760	Evaluating materials for manned space vehicle communications systems	1965
19660093761	Gh2 leak detector	1965
19660093762	Design verification test report on ua528319-1 and ua528320-1	1965
19660093763	Line assembly, tank vent, lox	1965
19660093766	Vacuum valve vibration tests dac scn 1a79954-501	1965
19660093767	Switch, plunger actuated, qualification test. dac scn 1a96985-1	1965
19660093768	Environmental test of m. h. 2n2814 transistor	1965
19660093769	Hybrid junction, telemetry	1965
19660093770	Valve, isolation, burst diaphragm	1965
19660093771	Exploratory high, low and room temperature testing, relays, 1-5 amp, hermetically sealed, 1-30v dc, latching, dpdt	1965
19660093773	High pressure gimbal	1965
19660093774	Hydraulic hose assemblies, gimbal plane - vibration test	1965
19660093779	Line assembly, tank vent h2	1965
19660093780	Helium pressure regulator vibration tests	1965
19660093781	Gyroscope package, rate, 3-axis	1965
19660093782	Linear shaped charge separation assembly	1965
19660093783	Elastomeric seals and materials at cryogenic temperatures, part ii summary report, dec. 1963 - jan. 1965	1965
19660093786	Reliability test of a number 3 system electric motor hydraulic pump, p/n 3h90001	1965
19660093787	Elementary fluid dynamic design principles of ground effect machines	1965
19660093788	Mol program gemini b ave/laboratory ave preliminary interface specification	1965
19660093790	Estimation theory - historical background and introduction	1965
19660093791	Discrete optimal linear filtering	1965
19660093793	A portable seismograph	1965
19660093794	Correspondence Submitted to Nasa /cape Kennedy/	1965
19660093797	Gemini stability improvement program /gemsip/. volume 5 - development tools final report	1965
19660093799	Qualification test of 3200 psig inline filter specification control no. 1a79659-501, vacco valve company p/n s1-2-8649, general test plan item no. x-58 model no. saturn s-ivb	1965
19660093800	Review of the problem of the formation of insulating films on gold contact surfaces	1965
19660093810	Qualification of vitramon capacitors vk33bw103k	1965
19660093811	Engineering evaluation test report on coils, radio frequency, belock instrument corp. drw number 280c146 made by nytronics, inc.	1965
19660093812	Engineering evaluation test report on resistor, variable belock instrument corp. dwg number 280c149 manufactured by clarostat mfg. co.	1965
19660093813	Engineering evaluation test report on transformer, power, stepdown bico number 280c134 manufactured by sterling transformer corp.	1965
19660093814	Engineering evaluation test report on synchro, resolver belock instrument corp. dwg, number 280d116 rev. c manufactured by american electronics, inc.	1965
19660093815	Mil-h-6083 hydraulic oil - reactivity tests with hydrazine-udmh fuel and n204 oxidizer test report	1965
19660093816	Chemical neutralizer for small quantities of nitrogen tetroxide final report	1965
19660093819	Welding characteristics of rapidly heat-treated 5ni-cr-mo-v steel	1965
19660093822	Synchros, control transformer, special non buord 1-30 volts, 400 cps	1965
19660093823	Motors and motor generators, miniature servo motor, 0-30 volts, 400 cycles only	1965
19660093824	Electronic counter evaluation	1965
19660093825	Modular power supplies manufactured by technipower, inc.	1965
19660093829	Vibration Analysis of the Ring Stiffened Conical Shell Gemini Adapter	1965
19660093830	Theory and measurement of dielectric properties of alkali halide crystals at cryogenic temperatures	1965
19660093832	A study of nonlinear negative capacitance	1965
19660093833	Flying qualities report for the ov-10a airplane	1965
19660093835	Results of hydrogen peroxide neutralization of fuel-water mixtures	1965
19660093849	Solitron 2n2814 silicon power transistors- qualification	1965
19660093871	Kerr cell photography of a dynamical deuterium plasma produced in a 30 kilojoule theta pinch	1965
19660093874	OsR operational requirements which define the storage-retrieval identification number system rationale final report	1965
19660093877	Pressure transducer, part no. pa 0053-1003 and signal conditioner, part no. sc 0289/7003	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093878	Antenna Equipment, High Gain	1965
19660093879	Thermocouple reference junction	1965
19660093881	Relays, fc4063	1965
19660093884	Quick look propellant exposure test per pyrodyne, inc. test procedure 49/r/4440	1965
19660093885	Qualification Testing of Thermocouple Reference Junction, Part No. Rj2-21p&15c	1965
19660093886	Removal of Dc-11 Silicone Grease	1965
19660093887	Qualification Test Report, Connector, Coaxial, R. F. Male, H. S., Push-on	1965
19660093892	Design Evaluation/qualification Test of the Electric Detonator, Exploding Bridgewire Type, Douglas Specification Control No. 7865742-501, Aerojet-general Corporation P/n 513014, Model No. Saturn S-iv	1965
19660093898	Time-space resolution of b-fields in theta- pinch plasma by faraday rotation of infrared maser radiation	1965
19660093899	Component evaluation report	1965
19660093901	Qualification test report, connector, coaxial, r. f. male, h. s., push-on	1965
19660093903	Relay, environmental p/n 6082077	1965
19660093904	10 micron filter qualification test	1965
19660093908	Saturn stage s-ii structures reliability assessment report	1965
19660093915	Space planners guide	1965
19660093916	Evaluation of san fernando capacitors during and/or after the specified environments	1965
19660093919	Time constant study of some commercial temperature sensors at cryogenic temperatures	1965
19660093920	Development of an ammonia-burning gas turbine engine. phase i - combustion system investigation final report, 1 oct. 1964 - 28 jun. 1965	1965
19660093921	Equipment for laser reflectivity measurements at 1.06 microns	1965
19660093923	Pershing evaluation test report for capacitor part no. mc705c203am aerovox corporation hi-q division army drawing 11040577-1	1965
19660093924	Thermal shock resistance and thermal fatigue resistance of metals and alloys with emphasis on nickel alloys, especially hastelloys c. n. and x.	1965
19660093925	Qualification of transformer	1965
19660093926	Tests on midwec plastic /mylar/ capacitors	1965
19660093927	Test on dearborn plastic /mylar/ capacitors	1965
19660093928	Synchro transmitter/control transformer, 3 feb. 1964 - 18 jan. 1965	1965
19660093929	Evaluation testing of new advanced components, 14 april 1964 - 24 feb. 1965	1965
19660093930	Effect of sulfur on the mechanical properties of 5ni-cr-mo-v steel	1965
19660093932	Qualification test on meters, electrical indicating panel type, ruggedized type designation, mr36-woo/dcmar	1965
19660093933	Results of gaatv joint flight acceptance composite test for agena vehicle 5002	1965
19660093940	Idep report electromagnetic impulse counter sodeco 5td	1965
19660093942	Qualification test of thermal semiconductor resistor	1965
19660093943	Evaluation of microminiature fuses	1965
19660093944	Evaluation of motorola semiconductor corp. 2n2222 transistor	1965
19660093945	Components test report 234	1965
19660093946	The protein evaluation of five chimpanzee diets when fed to rats final report, jun. 1963 - may 1965	1965
19660093947	Fep teflon-freon tf/n2o4 compatibility	1965
19660093951	Vibration Test of STL 2N1486 Transistor	1965
19660093958	Simplifying assumptions in the longitudinal equations of motion of a hydrofoil boat	1965
19660093959	Voltage regulating transformer evaluation	1965
19660093960	Evaluation report of endevco model 2958a calibration fixture	1965
19660093961	Gemini agena target vehicle /5001/ procedure and requirements for faci/acceptance	1965
19660093962	Homing radar synthesis	1965
19660093963	Vehicle acceptance report. gemini agena target vehicle - 5001	1965
19660093964	Geographic coordination of satellite cloud pictures	1965
19660093966	Feasibility of developing an hy-180/210 weldment seventh progress report, mar. 1 - jun. 30, 1965	1965
19660093968	Evaluation of itt type sm - solid tantalum capacitors	1965
19660093971	Wedge-eze, coaxial cable connectors automatic metal products corporation	1965
19660093974	Tropical service life of electronic components	1965
19660093975	Engineering evaluation test report on synchro assy, control transformer, belock instrument corp. dwg number 280d100 rev "a" made by harowe servo controls, part no - 11t ct-100- a-1	1965
19660093977	Systems optimization process	1965
19660093978	Hibex test experience summary	1965
19660093979	Engineering evaluation test report transformer, power, general purpose, hermetically sealed, 400 cycles	1965
19660093980	Transformer, converter, oscillator, r2406	1965
19660093983	Qualification of vaneaxial fan. blower, axial, ac	1965
19660093984	Qualification of vaneaxial fan. blower, axial, ac	1965
19660093985	Compatibility of materials with liquid oxygen, liquid fluorine, and liquid hydrogen	1965
19660093986	Voltage regulating transformers	1965
19660093987	Evaluation of westinghouse 108b71 transistors	1965
19660093988	Rowan cal-412-sf-25, 24 volt electromagnetic impulse counter	1965
19660093990	Fracture in alpha titanium quarterly progress report, 1 dec. 1964 - 1 mar. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093991	Qualification of transformer, saturable core, enclosed /not hermetically sealed/, 400 cycles	1965
19660093993	Motors and motor generators, miniature servo motors, 30-109 volts, 400 cps, size 8 control motor with gearhead for the 584 ie gasta	1965
19660093995	Performance evaluation of multiband telemetry receiver general electronic laboratories, inc. model 11g2	1965
19660093996	Pad safety report for ss-01a model 17205 afetr launch complex 13	1965
19660093997	Pulse transformers, environmental tests	1965
19660093998	Pulse transformers, life test	1965
19660093999	Environmental test of trw micro diode ps4935	1965
19660094000	Environmental test of t. i. sm 6408 transistor	1965
19660094001	Effects of lead trimming on component electrical characteristics final report	1965
19660094002	Pressure, transducer	1965
19660094005	Water adsorption by anhydrous lithium hydroxide and lithium carbonate	1965
19660094008	Environmental tests of aladdin type 94-732 pulse transformer	1965
19660094009	Environmental test of texas instruments 2n914 blue glass flat pack transistor	1965
19660094010	Semiconductor device qualification test, general specification	1965
19660094012	Reliability demonstration test of a hydraulic transfer valve, p/n 369565-1	1965
19660094013	Preliminary test report on drift screening of carbon composition resistors	1965
19660094014	Parameter drift screening interim report	1965
19660094019	Fatigue life safety margin final report	1965
19660094020	Right-angle corner weld - electron beam welding	1965
19660094021	Synchros, Control Resolvers, Special Non Buord, 1-30 Volts, 800 Cps, Size 8 Resolver for the 5841e Indicator	1965
19660094023	Synchro, control resolvers, special non buord, 109-240 volts, 400 cps. size 8 resolver for the 584ie gasta	1965
19660094024	Battery, spacecraft storage, silver oxide- zinc 29 volt	1965
19660094029	A parametric analysis of a centroid discriminator for a rotating phased array	1965
19660094030	Program 624a mission specification for flight plan ii	1965
19660094031	Presin f109, 25/sec., 24 volt dc electromagnetic impulse counter	1965
19660094032	Satellite control facility	1965
19660094034	Performance tests on two piezoresistive strain gage pressure transducers	1965
19660094035	Syncro-control transmitter	1965
19660094040	Reflectometer experiment for ats monthly report	1965
19660094041	Research in the development effort of an improved multiplier phototube quarterly report	1965
19660094042	Use of a mass spectrometer to measure the composition of the martian atmosphere monthly progress report	1965
19660094043	Valves-gas, noc, over 5000 psig, shutoff, poppet, manual	1965
19660094044	Evaluation temperature coefficient. resistor, fixed, metal film, precision, molded or dipped .25 - .50 watt	1965
19660094050	Evaluation of ablefoam number 3	1965
19660094051	Qualification test of auxiliary propulsion system helium vent disconnect	1965
19660094053	Cold helium metal hose qualification test dac scn 1a48852-507-g	1965
19660094055	Amplifier, dual output	1965
19660094056	Semiconductor devices qualification test, general specification	1965
19660094058	Vibration test of pressure switch, consolidated controls type 214c50-56	1965
19660094059	Evaluation of general electric rtv-602 silicone potting compound	1965
19660094060	Special investigation of electrical connector on 3p90000 and 3p90001 series fuel boost pumps	1965
19660094061	Engineering evaluation test report on resistor, variable, linear, precision belock instrument corp. dwg number 280d196, rev. b manufactured by duncan electronics., inc., part no. - 3200-968	1965
19660094062	Components test report 240	1965
19660094063	Report of tests on environmental testing of zener diodes per ektr-348, revision a	1965
19660094064	Propellant compatibility of epoxy potting compound, epocast 212/9617	1965
19660094065	Program 661a twin-gyro attitude control system analysis	1965
19660094068	Pilots' clinical data enhancement program progress report, 1-30 sep. 1965	1965
19660094075	Project IRLS Second Quarterly Report, 1 Jun. - 31 Aug. 1965	1965
19660094076	Field effect current limiting diodes	1965
19660094089	Concentrated storable hydrogen peroxide monthly letter report, feb. 1965	1965
19660094096	The integrated guidance and control system /igacs/ for the an/mqm-58a drone, appendix	1965
19660094097	Relays, life	1965
19660094105	An integrated circuit analog-to-digital encoder	1965
19660094106	2014-t6 mig weld coupon and 2014/6061 tig fillet weld coupon tests	1965
19660094108	Qualification test report for wet primary battery, douglas specification control number 1a68317-1, general test plan item no. p-19, model no. saturn s-ivb	1965
19660094109	Component parts evaluation report	1965
19660094111	Results of joint flight acceptance composite test for gemini agena target vehicle 5001	1965
19660094114	Unified s-band system for apollo network progress report, 1-30 nov. 1965	1965
19660094115	Reduction and analysis of data from echo experiments semimonthly progress report, 1-15 sep. 1965	1965
19660094116	Reduction and analysis of data from echo experiments semimonthly progress report, 1-15 aug. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660094117	Qualification test report for wet primary battery	1965
19660094118	Qualification test of the 6000 psig flanged hand valve dac scw 1a66604-501	1965
19660094120	The effect of metal properties on hypervelocity penetration terminal report	1965
19660094121	Expandable structures for construction of astronaut transfer tunnel expandable structures for construction of astronaut transfer tunnel	1965
19660094122	The effect of multiple cw and fm signals passed through a hard limited or twt	1965
19660094123	Proton and electron irradiation of n/p silicon solar cells	1965
19660094124	Application of beryllium on the agena	1965
19660094125	Inspection of inductor, toroid	1965
19660094126	Freon 114, compatibility with propellants, aerazine-50 and n2o4	1965
19660094128	The effect of metal properties on hypervelocity penetration progress report, 1 jul. - 30 sep. 1965	1965
19660094129	The effect of metal properties on hypervelocity penetration progress report, 1 apr. - 30 jun. 1965	1965
19660094130	Sodeco tcef4pe.25 predetermining electromagnetic impulse counter	1965
19660094134	Qualification of transformer. power, general purpose, enclosed /not hermetically sealed/, 400 cycles	1965
19660094136	Report on evaluation tests. filter, band pass, 400 cps	1965
19660094139	A selected bibliography on microelectronic integrated circuits	1965
19660094140	793 time interval counter	1965
19660094141	Case leakage test of texas instruments brown glass bare base header flat pack	1965
19660094142	Load life test capacitor, fixed, ceramic dielectric	1965
19660094143	Resistor, Fixed, Metal Film, Precision Molded or Dipped,.10 -.125W	1965
19660094146	Evaluation of nas-1599 connector conductive finish	1965
19660094147	Evaluation of general electric rtv-60 silicone rubber	1965
19660094149	Digital simulation of random vibration	1965
19660094150	Reliability verification test procedure	1965
19660094151	Environmental test of motorola sm2929 transistor	1965
19660094152	Electromagnetic impulse counter veeder-root	1965
19660094153	Statistical techniques for reliability	1965
19660094155	Research on experimental heat of vaporization and enthalpy measurements of oxygen-nitrogen- argon mixtures quarterly progress report, jul. 1 - sep. 30, 1965	1965
19660094156	General electric 2n2920 transistors - qualification	1965
19660094157	Methods for prediction of electro-mechanical system reliability final report, 15 may 1964 - 14 may 1965	1965
19660094158	Interference considerations in radar antenna design	1965
19660094160	On the two-sided time-dependent barrier problem	1965
19660094166	Evaluation report of endevco model 2220 m1 accelerometer number 5	1965
19660094167	Chemical inertness between acetone, trichloroethylene, moisture and 347 stainless steel final report	1965
19660094168	Pershing qualification test report, sperry semiconductor division, sperry rand corporation, transistor type 2n1026, orddnance drawing number 10583642-1	1965
19660094169	Evaluation test of silicon, flat pack, 12 amp diode	1965
19660094171	Research on gas lubrication at high temperature and low flow rates quarterly progress report	1965
19660094172	Gaatv simultaneous launch demonstration with gt-5 glv	1965
19660094173	Advanced fabrication processes for functional electronic blocks, part 1	1965
19660094177	Thermocouple, assembly, surface	1965
19660094178	Valve, pneumatic, cylinder activated	1965
19660094179	Vacuum test of rotary seals per test plan 87537	1965
19660094180	Coupling Disconnect, Low Pressure Helium	1965
19660094181	Connector qualification vibration and high temperature	1965
19660094182	Design verification test report for apollo flexible linear shaped charge	1965
19660094183	Capacitor, gulton industries environmental tests	1965
19660094184	Qualification test on resistor, fixed, composition, molded, 118 watt plus or minus 5 percent	1965
19660094185	Digital test command system	1965
19660094186	Qualification test report on diodes	1965
19660094187	Qualification tests on batteries, dry, ba-203/u	1965
19660094188	Test report on dage, bnc hv type connector	1965
19660094189	Environmental test of texas instruments sm6409 transistor	1965
19660094190	Contaminants in freon cleaning fluid	1965
19660094191	Report of qualification test of battery, spacecraft storage, silver-zinc, 29 volt	1965
19660094192	Reliability test report expansion joint, tube, low pressure	1965
19660094193	Xc-142a vtol transport program monthly progress rept., dec. 1965	1965
19660094208	Hypersonic ramjet advanced development program monthly letter progress report, may 1965	1965
19660094210	Hypersonic heat transfer and cooling program	1965
19660094211	Fluid amplifier thrust stability control study final technical report, mar. 1965	1965
19670000870	Visual satellite observations conducted by the Stade Tracking Station	1965
19670000871	Visual satellite observations from Satellite Station Stade	1965
19670000872	Visual satellite observations from Satellite Station Stade	1965
19670000874	Study of the fundamental vibration of the arterial pulse wave	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670001148	The Fire Risks to Man of Oxygen Rich Gas Environments	1965
19670001547	A technique of quasi-optimum control	1965
19670003588	On the Microwave Absorption Spectrum of Molecular Oxygen	1965
19670005571	Annual mean values of geomagnetic elements since 1900	1965
19670006657	Electrical detonators and squibs and their associated initiation and ignition trains	1965
19670006662	Static electricity and lightning hazards, part II	1965
19670007247	Study of the automated biological laboratory project definition. Volume II - Scientific payload definition studies Final report, 10 Aug. 1964 - 10 Aug. 1965	1965
19670007283	Effects of the Continuum on the O16 J Equals 1-, T Equals 1 Levels	1965
19670007372	Ideas in Modern Biology	1965
19670008545	A Property of the L2-norm of a Convolution	1965
19670008672	Static aerodynamic characteristics of possible planetary entry configurations at Mach-number 4.54	1965
19670008698	Centaur 4d structural test pitch axis bending moment EID 55-7545-1 model 55	1965
19670008713	Impurity Effects on Heterogeneous Nucleation from the Vapor - Selenium on Glass	1965
19670008863	Improvement of ignition system for simultaneous ignition of retro and ullage motors on Saturn V	1965
19670009102	Design considerations in radiation hardening of telemetry and control circuitry in spacecraft	1965
19670009105	The Alouette II satellite	1965
19670009114	Analysis of fluorescence spectra of rare earth chelates. I - Internal stark splitting in Europium dibenzoylmethide	1965
19670009322	The Quantum Mechanical Kinetic Theory of Loaded Spheres	1965
19670009443	On the relationship of X-ray emission of solar flares with their effects in cosmic rays	1965
19670009684	OGO-GAS budget computation - Description of program and presentation of computed gas budgets	1965
19670009984	Advanced control techniques applied to large flexible launch vehicles, volume I Final report, 1 Jul. 1964 - 30 Jul. 1965	1965
19670009985	Advanced control techniques applied to large flexible launch vehicles, volume II Final report, 1 Jul. 1964 - 30 Jul. 1965	1965
19670010279	Effects of Alkali-Metals on Ceramic-to-Metal Seal Systems	1965
19670010528	Report on the development of the Manned Orbital Research Laboratory /MORL/ system utilization potential. Task area III - MORL concept responsiveness analysis, book 2	1965
19670010544	The effect of weightlessness on the growth and orientation of roots and shoots of monocotyledonous seedlings Final report, 1 Jul. 1964 - 30 Jun. 1965	1965
19670010623	Measurement of the B. F. Goodrich tapered chamber at the Marshall Space Flight Center	1965
19670011839	Human reliability program for the Saturn V launch vehicle ground support equipment	1965
19670013554	Experimental investigation of forced convection once-through mercury boiler performance characteristics	1965
19670014000	A study of the performance of an astronaut during ingress and egress maneuvers through airlocks and passageways. Volume I - Summary Final phase II report	1965
19670016416	Comments on the Martingale convergence theorem	1965
19670016670	Diffusion controlled combustion for scramjet application. Part I - Analysis and results of calculations	1965
19670017074	Results of Investigation of Sun's Continuous Spectrum in the Region 3100-6600 Angstrom	1965
19670017075	Calculation of the Effect of Closed Air Circulation on the Equilibrium Distribution of Ozone in the Earth's Atmosphere	1965
19670017076	Two-dimensional Flow of an Electricity-Conducting Medium in the Presence of Mass Forces and of a Plane Magnetic Field	1965
19670017077	On the construction of a magnetohydrodynamic model of a cyclone, II	1965
19670017078	On the Biological Effects of High Energy Protons	1965
19670017087	Effective recombination coefficient in the lower ionosphere	1965
19670019496	ARACON photogrammetric attitude system hardware description and maintenance manual	1965
19670019507	Technical data on the development of the A4 /V-2/	1965
19670020678	Literature review of the compatibility of commercial materials with ethylene oxide- freon 12 sterilant gas mixture	1965
19670020738	The improvement of zinc electrodes for electrochemical cells Final report, 12 Jun. 1964 - 24 Mar. 1965	1965
19670020822	Contamination exposures of columbium and Cb-1Zr alloy specimens Final report, 22 Jan. 1964 - 22 Jan. 1965	1965
19670020835	Thermal analyzer computer program for the solution of fluid storage and pressurization problems	1965
19670020836	Computer program for the calculation of incident orbital radiant heat flux	1965
19670020837	Computer program for the calculation of three- dimensional configuration factors	1965
19670021185	Laser noise - Theory and experiment Final report	1965
19670022086	Lexicographical order, range of integrals and bang-bang principle	1965
19670022529	The laminar boundary layer in a radiating absorbing gas near a flat plate	1965
19670022641	A method of optimizing camber surfaces for wing-body combinations at supersonic speeds. Part I - Theory and application	1965
19670022680	Results of a wind tunnel investigation to determine the detailed pressure distributions on the S-IB stage fins and tail area of the Saturn IB vehicle, volume I	1965
19670022681	Results of a wind tunnel investigation to determine the detailed pressure distributions on the S-IB stage fins and tail area of the Saturn IB vehicle, volume II	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670022682	Results of a wind tunnel investigation to determine the detailed pressure distributions on the S-IB stage fins and tail area of the Saturn IB vehicle, volume III	1965
19670022683	Results of a wind tunnel investigation to determine the detailed pressure distributions on the S-IB stage fins and tail area of the Saturn IB vehicle, volume IV	1965
19670022684	Results of a wind tunnel investigation to determine the detailed pressure distributions on the S-IB stage fins and tail area of the Saturn IB vehicle, volume V	1965
19670022685	Results of a wind tunnel investigation to determine the detailed pressure distributions on the S-IB stage fins and tail area of the Saturn IB vehicle, volume VI	1965
19670022835	Parametric Analysis of Microwave and Laser Systems for Communication and Tracking Quarterly Report, 6 Aug. - 6 Nov. 1965	1965
19670022943	A method of optimizing camber surfaces for wing-body combinations at supersonic speeds. Part II - Digital computer program description	1965
19670023917	The design and development of a silicon ultra-high frequency power transistor capable of delivering 20 watts of output power at 430 Mc with a minimum efficiency of 50 percent and a power gain of 6B Final report, 29 Jun. 1964 - 1 Dec. 1965	1965
19670024377	Lunar Stay Time Extension Module /STEM/ FINAL report, 21 Aug. 1964 - 20 Aug. 1965	1965
19670024906	Optimization of hydraulic thrust vector control systems for launch vehicles. Volume II - Computer program description, instructions, and listing	1965
19670025009	The thermal properties of selected space suit materials	1965
19670025339	Research studies of random process theory and physical applications	1965
19670026054	Lunar orbiter adaptability to other scientific investigations	1965
19670027420	Space programs summary no. 37-36, volume III FOR the period September 1, 1965 to October 31, 1965. The deep space network	1965
19670027506	Lunar orbiter adaptability to other scientific investigations, volume II FINAL report	1965
19670027893	A transient heat transfer and thermodynamic analysis of the Apollo service module propulsion system Summary report	1965
19670028319	Material and process specifications for refractory alloy and alkali metals	1965
19670028380	Design of a load relief control system Progress report	1965
19670028476	Performance analysis of the general two-burn guidance equations	1965
19670028725	Thermal control aspects of spacecraft louvers Annual report	1965
19670029204	Analytical study of the need of frequency and time Final report	1965
19670029306	Preliminary design considerations for a gyro-damped gravity gradient satellite	1965
19670030028	Surveyor Spacecraft A-21 Model Description	1965
19670030670	Mixing and heat transfer of a partially ionized argon jet with a coaxial flow of cold helium	1965
19670030723	An automatic recording system for the determination of ionospheric absorption	1965
19670030857	Shock Wave Structure in Recombining Low- Density Plasmas	1965
19670030947	Goddard real time programming system. Volume II - Monitor and I/O programs	1965
19670030948	Goddard real time programming system. Volume III - Real time processors	1965
19670030949	Goddard real time programming system. Volume IV - Non-real time programs	1965
19670066747	Flight dynamics and control analysis of the Centaur vehicle /Atlas/Centaur AC-6/	1965
19670066753	Fluctuating lift and drag on a long cylinder of square cross-section in a smooth and in a turbulent stream	1965
19670066759	Finite element stress analysis of thin shells	1965
19670066766	Data correlation study of small-scale fuel thermal stability test devices and the FAA-SST fuel system test rig Final report	1965
19670066773	The examination of commercial solvents by gas-liquid chromatography. Part I - Aliphatic hydrocarbons	1965
19670066777	The effect of metal properties on hypervelocity penetration Progress report, 1 Oct. - 31 Dec. 1965	1965
19670066779	Electromagnetic pumps for liquid metals	1965
19670066780	Design and operation - Precipitation physics project	1965
19670066818	Flight-wind Restriction Procedure, Atlas/centaur Flight AC-5	1965
19670066846	Reactor Research Division Progress report, Jan. 1 - Mar. 31, 1965	1965
19670066847	Topical review	1965
19670066848	Engineering Research Branch	1965
19670066849	Applied Physics Branch	1965
19670066850	Reactor physics I	1965
19670066851	Reactor Physics II Branch	1965
19670066852	Technical services	1965
19670066855	Reactor Research Division Progress report, Apr. 1 - Jun. 30, 1965	1965
19670066856	Topical review	1965
19670066857	Engineering Research Branch	1965
19670066858	Applied Physics Branch	1965
19670066859	Reactor physics I	1965
19670066860	Reactor Physics II Branch	1965
19670066861	Technical services	1965
19670066877	Some aspects of human response to random vibration	1965
19670066900	Calculation of the absorbed power distribution in laser crystals. Part I - Theory	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670066912	Physics Division Progress report, 1 Oct. - 31 Dec. 1965	1965
19670066918	On the relation of aircraft observations to Tiros pictures during the August 1963 Barbados expedition Final report	1965
19670066919	Engineering Services Division Progress report, 1 Apr. - 30 Jun. 1965	1965
19670066969	Transmission performance of P.C.M. systems	1965
19670066981	Linear static and dynamic structural techniques leading to matrix formulations	1965
19670066988	Engineering design data on glass-reinforced plastics and related materials. Part 1A - General review of glass-reinforced plastics	1965
19670066996	The unsteady motion of slender wings with leading-edge vortices	1965
19670067056	An airborne pointing system	1965
19670067070	Development of bar process for nickel- molybdenum alloy Interim report, May 20 - Jun. 30, 1966	1965
19670067122	Development of dispersion strengthened tungsten base alloys Technical report, 1 Jun. 1964 - 30 Apr. 1965	1965
19670067171	Evaluation program for secondary spacecraft cells. Acceptance test of General Electric Company 12.0 ampere-hour auxiliary electrode cells	1965
19670067174	Pershing evaluation test report for capacitor, part no. SEC 3147 Southern Electronics Corporation Army drawing 11040577-1	1965
19670067175	Pyro-chrome coating applied to radiation cooled nozzle extension	1965
19670067179	A fast risetime, high current, resistive shunt	1965
19670067182	Microelectronic reliability	1965
19670067193	Pulmonary atelectasis breathing oxygen at sea level and at simulated altitude	1965
19670067195	Operations Divison Progress report, Jan. 1 - Mar. 31, 1965	1965
19670067201	The Nature and Interactions of High Energy Elementary Particles Final Report, Jan. 1 - Dec. 31, 1965	1965
19670067203	Evaluation of Horizon Sensor Unlock Anomaly	1965
19670067222	Some techniques for remote measurement of rocket exhaust parameters	1965
19670067261	The biological evaluation of five chimpanzee diets used in six-week feeding trials Final report, Jun. 1963 - May 1965	1965
19670067265	Diffusion of barium, strontium and cerium in various grades of reactor graphite	1965
19670067316	Chatter analysis of medium-sized machine tools Technical report, 1 Dec. 1964 - 28 Feb. 1965	1965
19670067362	Radio blackout investigation Quarterly report, 1 Jul. - 1 Oct. 1965	1965
19670067366	A special report on bio-telemetry	1965
19670067367	Progress in ecological biotelemetry	1965
19670067368	Avian navigation	1965
19670067369	Tracking grizzly bears	1965
19670067370	Ruffed grouse behavior	1965
19670067371	Marine biotelemetry	1965
19670067372	Automatic radio-tracking system for monitoring animal movements	1965
19670067373	Deer response to a drive census determined by radio tracking	1965
19670067374	Computer analysis of animal-movement data obtained by telemetry	1965
19670067375	Designing systems for the field	1965
19670067376	Designing for physiological data	1965
19670067377	Predicting transmitter range and life	1965
19670067378	Progress in miniaturized biotelemetry	1965
19670067411	Investigation of hydrides Final report, 18 May 1963 - 22 Sep. 1965	1965
19670067417	Solar powered electric feasibility study. Program review	1965
19670067428	PAGEOS integrated test plan	1965
19670067449	Cherry-Burrell Corporation expansion bellows 2 1/2 inch XXS pipe size P/N 876 2500	1965
19670067456	Preliminary program for S-IC-T spatial correlation measurements	1965
19670067457	Marotta Valve Corporation 1/4 inch manual regulator /fluid spring control/ P/N 223724-1 6,000 PSIG service	1965
19670067464	Crane Company 1 inch manual ball valve P/N 1-B-98728-A 150 PSIG service	1965
19670067468	Autoclave Engineers Incorporated 1/4 inch manual manifold valve P/N 20-7815 6000 PSIG SERVICE	1965
19670067475	Marotta Valve Corporation 1/4 inch manual regulator P/N 227464-L/2 6,000 PSIG service	1965
19670067481	Anaconda Metal Hose Division 1 inch flexible metal hose P/N 82561 6,000 PSIG SERVICE	1965
19670067484	Resistoflex Corporation 1/2 inch flexible hose P/N-R62800-CC-8-1200 6,000 PSIG service	1965
19670067506	Scattering of electromagnetic waves - A Lincoln Laboratory symposium	1965
19670067507	Survey of electromagnetic scattering calculation techniques	1965
19670067508	Notes on the inverse problem for radiation scattering	1965
19670067509	Scattering from a cone-sphere	1965
19670067510	Integral equations for surface currents	1965
19670067511	A review of certain radar reflectivity work	1965
19670067512	Scattering from West Ford-like dipoles	1965
19670067513	Antenna tolerance theory - A review	1965
19670067514	Wide bandwidth scattering	1965
19670067515	Radar scattering from the moon	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067516	Theories of single scattering from wake plasmas	1965
19670067517	Incoherent scattering from the ionosphere	1965
19670067518	Radar scattering in the solar corona	1965
19670067540	Space power technology satellite study, volume 1 Preliminary report, Jan. - Sep. 1965	1965
19670067541	Space power technology satellite study, volume 2 Preliminary report, Jan. - Sep. 1965	1965
19670067571	Ground systems test plan Orbiting Geophysical Observatory /OGO/	1965
19670067620	A sampling technique for the transmission and recovery of phase encoded information	1965
19670067641	Effect of electron irradiation on electronic devices	1965
19670067662	Spectrum signature of a AN/TPN-12A radar Final report	1965
19670067706	Special umbilical release test for Ranger /RA-C/ operations, AFETR launch complex 12	1965
19670067727	Calculation of the optical absorption of an F-center in zinc oxide by Simpson's method	1965
19670067728	An experimental model investigation of a plug cluster nozzle propulsion system	1965
19670067729	Analysis of proposed lunar sites for post- Apollo missions	1965
19670067730	Saturn V Quarterly progress report, 1 Oct. - 31 Dec. 1965	1965
19670067731	NASA/USAF liquid propellant blast hazards program Quarterly progress report, period ending 30 Sep. 1965	1965
19670067737	ECM aerospace antenna studies, volume 2 First quarterly technical report	1965
19670067761	Summary of presentation material base flow conference	1965
19670067782	Effects of microwave exposure on behavior and related phenomena Interim report, Sep. - Nov. 1964	1965
19670067864	Base pressure fluctuations on Saturn V vehicle	1965
19670067865	The accuracy of the velocity and retardation measurements made by E.V.A.	1965
19670067866	Design criteria for control of space vehicles, volume I. Part 1 - Short period dynamics	1965
19670067867	Design criteria for control of space vehicles, volume II. Part 2 - Nonlinear systems	1965
19670068060	Gemini Program - Elevated stress and extended life test - Flight control J-box with patch panel	1965
19670068195	Linear Many-Bbody Guidance	1965
19670068201	The electromagnetic field of a pressure impulse in a conducting fluid	1965
19670068244	NERVA materials irradiation program. Volume 2 - Gtr-test 16 - WANL materials test	1965
19670068250	Soviet microelectronics	1965
19670068256	NERVA Components Irradiation Program. Volume 5 - ASTR Tests 4, 4A, and 5	1965
19670068257	NERVA materials irradiation program. Volume 3 - GTR test 17 - AGC materials test	1965
19670068292	Voyager Spacecraft Propulsion /U/	1965
19670068348	Switched-beam antenna system for LES-1 and LES-2 Technical report no. 409	1965
19670068356	The compatibility of SAP 930 with UO2 and UC	1965
19670068384	Research facilities summary. Volume I - Guns and ranges	1965
19670068385	Research facilities summary. Volume II - Wind tunnels, subsonic, transonic, and supersonic	1965
19670068451	The elastic behavior of the earth and viscoelastic effects in the upper mantle Final technical status report, 1 Aug. - 30 Nov. 1965	1965
19670068555	Development of structural foams for cryogenic applications Final report, 1 Aug. 1964 - 12 Oct. 1965	1965
19670068567	Statham PA 288 TC-15-35 evaluation program	1965
19670068591	Blackbody temperature sensor for the solar constant experiment Final report, 6 Feb. 1964 - 22 Apr. 1965	1965
19670068593	Atlas/Centaur launch-on-time study Bimonthly report	1965
19670068604	Computed vertical velocity and precipitation rate fields in two summer storms in western Canada	1965
19670068608	Evaluation of the Thermal and Thermo- Structural Performance of Customized "Thermo-Lag" T-500 Volume I - Summary of Investigations /U/ Final Report, 29 Jun. - 31 Dec. 1964	1965
19670068628	NERVA materials irradiation program. Volume 1 - GTR test 16 - AGC materials test	1965
19670068646	Laser applications Technical report, Jul. 1964 - Jun. 1965	1965
19670068647	The role of coherent optics in electrical engineering	1965
19670068648	Optical devices and techniques	1965
19670068649	Photography for optical measurements	1965
19670068650	Survey of U.S. laser applications programs	1965
19670068651	Optical signal processing and applications to pattern recognition	1965
19670068652	Optical radar techniques	1965
19670068655	Aerospace sciences boundary layer symposium at the Lockheed Georgia Research Laboratory	1965
19670068656	Navier-Stokes equations	1965
19670068657	Laminar boundary layers	1965
19670068658	Boundary layer transition	1965
19670068659	Turbulent boundary layers	1965
19670068660	Vorticity and vortical motion	1965
19670068661	Vortex flows in wakes	1965
19670068693	An annotated bibliography on thin film technology, supplement III	1965
19670068694	Random vibration test of leach type 9225 relays Final report	1965
19670068695	Relay, armature	1965
19670068705	Capacitor, fixed, film, /Mylar wrap or rigid plastic case with epoxy resin end seals/, lead Qualification test report	1965
19670068717	Qualification tests on batteries, dry, type BA-210/U	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068718	Failure analysis, power transistors and zener diodes	1965
19670068726	Proceedings of the seminar on possible responses of weather phenomena to variable extra-terrestrial influences	1965
19670068727	Interactions between different types of motions in a deep stratified atmosphere	1965
19670068728	Global circulations of the stratosphere and mesosphere	1965
19670068729	Thermal tidal effects in the upper stratosphere and lower mesosphere	1965
19670068730	Motions in the 80 to 180 km height region	1965
19670068731	Photochemical interactions near the mesopause	1965
19670068732	Models for studying interactions between various layers of the atmosphere	1965
19670068733	Dynamic interactions	1965
19670068734	Responses to heating	1965
19670068735	Models of atmospheric circulation	1965
19670068736	Effects of high-level heating on the large-scale circulation of the lower atmosphere	1965
19670068737	Mechanisms involving the apparent influences of solar and lunar tidal forces on peak rainfall and other meteorological phenomena	1965
19670068738	The apparent influence of the moon on peak rainfall and other meteorological phenomena	1965
19670068739	Continued discussions, lunar influences	1965
19670068740	Possible influence of the horizontal component of the lunar tidal force on large-scale circulation features	1965
19670068741	Atmospheric tide	1965
19670068742	Variability in gravitational tidal forces	1965
19670068743	Physics of clouds and precipitation processes, in particular, ways in which these processes could be modified by tidal or electrical effects	1965
19670068744	Tropical convection	1965
19670068745	Physical mechanisms, mathematical models and time series	1965
19670068746	Interaction between tidal forces and atmospheric processes	1965
19670068747	The solar inconstant	1965
19670068748	Climatic evidence on probable physical nature of solar disturbance of climatic patterns	1965
19670068749	Stratospheric circulation and auroral activity	1965
19670068750	Solar corpuscular emission effects on the terrestrial atmosphere	1965
19670068751	Solar activity and radio noise	1965
19670068752	Influences of the satellite Io on Jupiter's atmosphere	1965
19670068762	Development of materials and materials application concepts for joint use as cryogenic insulation and micrometeorite bumpers Annual summary report	1965
19670068764	User's Manual - Logic System Simulator	1965
19670068767	System Simulator Flow Diagrams	1965
19670068769	Saturn V launch vehicle digital computer and data adapter prototype program Monthly progress report, Aug. 1965	1965
19670068884	Space program Quarterly report, Jan. - Mar. 1965	1965
19670068885	TV satellite	1965
19670068886	A 15-watt telemetry transmitter for the TV SATELLITE	1965
19670068887	Evaluation of image dissector tubes for the TV satellite	1965
19670068888	An ultra-linear sweep generator for the TV SATELLITE camera	1965
19670068889	Format generator for the TV satellite study	1965
19670068890	Beacon Explorer environmental and system testing	1965
19670068891	Modular satellite telemetry transmitter	1965
19670068892	Dynamics of RAE satellite	1965
19670068893	DME-A environmental testing	1965
19670068894	DME-A command system	1965
19670068895	DME-A test stand data processor	1965
19670068896	GEOS I memory system	1965
19670068897	GEOS telemetry system	1965
19670068898	Telemetry support for the GEOS satellite program	1965
19670068899	Loss and injection of trapped electrons at 1100 km	1965
19670068900	Orbiting otolith experiment	1965
19670068901	CP-827/XN-1//SRN-9 computer	1965
19670068902	Study of surfaces designed to increase thermal radiation	1965
19670068903	Portable clock time transfer to Station 106, England	1965
19670068930	NASA/USAF liquid propellant blast hazards program Monthly progress report, period ending 31 Oct. 1965	1965
19670068934	Variable resistance temperature transducer /cryogenic, MC fitting/ Douglas specification control number 1B37878-1	1965
19670069003	Small interplanetary probe experiments spacecraft study Final report, 7 Apr. - 8 Aug. 1965	1965
19670069005	SST phase IIB Monthly technical progress letter report, Jul. 1965	1965
19670069006	SST phase IIB /U/ Monthly technical progress letter report, Jul. 1965	1965
19670069023	SA-201 Saturn Vehicle Data Book /U/	1965
19670069026	Development of M117 bomb parachute retardation deployment system	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069069	Multichamber engine investigation, volume 2 /U/	1965
19670069070	Design, Fabricate, and Test Breadboard Liquid Hydrogen Pump /U/ Interim Report, Jun. 1964 - Jun. 1965	1965
19670069226	Apollo Logistics Support System /ALSS/ Payloads, Volume 2 Interim Report	1965
19670069705	Development and Testing of Shaped Charge Meteoritic Simulators /U/	1965
19670069749	Vibration test on P-11 qualification unit, model 3207 Final report	1965
19670069774	Algebraic operations in ALGOL 60. The Cauchy problem I	1965
19670069778	Mass transfer through arcs and flames	1965
19670069855	In-plant engineering test program. Engineering Development Laboratory/ Performance Test /EDL/PT/ report. Figure A 1480M launch enable control group	1965
19670070063	Age component qualification test summary	1965
19670070071	Algebraic operations in ALGOL 60 - A second order problem	1965
19670070191	Supersonic transport development Fourth comprehensive technical progress report	1965
19670070278	CH-53A helicopter cockpit and cabin gas and vapor survey	1965
19670070473	On the development of the incompressible turbulent boundary layer	1965
19670070491	Effect of processing variables on the structure and properties of refractory metals Final report, 1 Jul. 1963 - 30 Nov. 1964	1965
19670070556	A proposed chemical information and data system. Volume 2 - Detail flow charts Comprehensive summary report, 15 Apr. - 31 Dec. 1965	1965
19670070662	The influence of protein intake on energy consumption during subsequent physical work	1965
19670070680	The oxidation of stainless steels containing molybdenum Interim report on work to May 1965	1965
19670070702	Mechanical properties of metals Review of recent developments	1965
19670070705	The non-destructive testing of solid propellant rocket motors at R. P. E., Westcott	1965
19670070958	Fabrication of RN-6 nozzle /U/ Final report	1965
19670071241	Statistical training manual, volume 1	1965
19670071249	Supersonic transport program, phase II-C MONTHLY technical progress report	1965
19670071256	Intrinsic 8 to 12 micron photon detectors Interim technical progress report, 8 Apr. - 8 Oct. 1965	1965
19670071430	Supersonic transport program, phase II-C MONTHLY technical progress report	1965
19670071451	Waves and instabilities in the theta pinch	1965
19670071494	Noise in image intensifiers and photo multipliers	1965
19670071521	Theoretical consideration underlying the deep diving experimental work during the period March 1964 to February 1965 at the Royal Naval Physiological Laboratory	1965
19670071592	Polarographic study of oxygenated aqueous solutions irradiated with 10 MeV electron pulses	1965
19670071797	A study on reciprocal phase shifters using ferrites in C-band waveguide	1965
19670072186	International Committee on Aeronautical Fatigue, part I	1965
19670072187	International Committee on Aeronautical Fatigue /ICAF/	1965
19670072188	A review of the work in the United Kingdom on the fatigue of aircraft structures	1965
19670072189	A review of fatigue research in the United States	1965
19670072190	Review of some investigations on fatigue in The Netherlands	1965
19670072191	Review of the Belgian S.T.Ae. work on fatigue	1965
19670072192	Report on fatigue tests carried out in France on materials and structural components	1965
19670072193	A review of Australian investigations on aeronautical fatigue	1965
19670072194	A review of work in Switzerland on the fatigue of aircraft structures	1965
19670072195	Measurements of flight restraint	1965
19670072211	Proceedings of the Seventh Tripartite Instrumentation Conference /Reactors/, volume I	1965
19670072212	Developments in high security autocontrol at A.E.E. Winfrith	1965
19670072213	The performance and operation of stepping motors for reactor control	1965
19670072214	Contribution on high reliability servos	1965
19670072215	The mechanism of interference pick-up in cables and electronic equipment with special reference to nuclear power stations	1965
19670072216	Rapid methods of measuring the sensitivity of nuclear instrumentation to electrical interference	1965
19670072217	A human engineering analysis of the ML-1 CONTROL cab	1965
19670072218	A fresh approach to the mechanical design of transistor instruments for reactor and plant control	1965
19670072219	Some operational aspects of automation	1965
19670072220	Instrumentation and control at C.E.G.B. NUCLEAR power stations	1965
19670072221	Reliability analysis of reactor control and instrumentation systems	1965
19670072222	A survey of operating experience with the instrumentation of the Harwell reactors	1965
19670072223	The proposed failed cartridge detection scheme for the steam generating heavy water reactor	1965
19670072224	Note on burst slug detection in a sodium cooled fast reactor	1965
19670072291	Dynamics data compilation of the LV-3C launch vehicle /U/	1965
19670072341	Psychometric impairment in men breathing oxygen/helium at increased pressures	1965
19670072395	Satellites and probes Program progress report, 1-30 Nov. 1965	1965
19670072400	Atmospheric tracers - A review	1965
19670072478	The pre-treatment of ship plates - A comparative investigation on some pre-treatment methods in use in the shipbuilding industry	1965
19670072483	Flight trials of the Head-Up Display /H.U.D./ in meteor 7/8 and Hunter 12 aircraft	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072485	Electronics Division Progress report, 1 Jan. - 30 Jun. 1965	1965
19670072486	Pulse counting, pulse analysis and digital data processing	1965
19670072487	Detectors of ionizing particles and radiation	1965
19670072488	Detection and measurement of radiation and radioactive materials	1965
19670072489	General purpose electronic equipment	1965
19670072490	Analogue computation	1965
19670072491	Automatically controlled experiments	1965
19670072492	Non-nuclear physical measurements	1965
19670072493	Electronic circuit elements, techniques and materials	1965
19670072494	Instrument reliability	1965
19670072495	Manufacture, testing and servicing of non-proprietary electronic equipment	1965
19670072496	Test equipment	1965
19670072679	The resolving power of the electrostatic magnetic energy analyzer for fast electrons	1965
19670072789	The pre-treatment of ship-plates - A practical investigation into the influence of different working procedures in over-coating zinc rich epoxy-resin based pre-construction primers	1965
19670072849	Safety in the handling and use of cryogenic liquids	1965
19670072860	NERVA 2 battleship test stage follow-on studies Interim report	1965
19670072905	Pressure gradient plasma for millimeter waves Final report	1965
19670072960	CR-/XM-44//U moderate precision glass enclosed crystals Quarterly progress report, 1 Oct. - 31 Dec. 1965	1965
19670073002	An apparatus for the automatic determination of the penetration time	1965
19670073041	The preparation of some diethyl substituted phenyl phosphates	1965
19670073514	Digital computer programs for rocket nozzle design and analysis. Volume X - Single expansion plug nozzle performance with external flow	1965
19670073529	Satellites and probes Program progress report, 1-31 Oct. 1965	1965
19670073594	Valve, solenoid, normally closed, helium - Zero level Qualification test report	1965
19670073610	Design criteria for control of space vehicles. Volume 1 - Part 3 - Trajectory equations	1965
19670073613	Application of field-effect transistors in digital circuits. Part 2	1965
19670073678	Electric arcs in cross-flow	1965
19670073780	Minutes of the Ninth Conference of the International Committee on Aeronautical fatigue, Part II	1965
19670073803	Near room temperature GaAs laser diodes Interim technical report, 14 Jun. - 15 Sep. 1965	1965
19670073840	Low-altitude, high-speed, visual acquisition of tactical and strategic ground targets. Part III - Laboratory study no. 4	1965
19670073842	Low-altitude, high-speed visual acquisition of tactical and strategic ground targets. Part V - A scheme for composite modeling of parametric variables and operational performance criteria	1965
19670073852	Guidelines for integration of man and computer in prelaunch checkout of advanced space vehicles	1965
19670073917	Terminal board, modular Final specification	1965
19670073925	Study of cryogenic propellants, stratification reduction Final report, Jul. 1963 - Aug. 1965	1965
19670074017	Dynamic equations for the generalized spacecraft simulation Interim technical report	1965
19670074018	The basic characteristics of image intensifiers	1965
19670074020	Saturn Technical Information Handbook, volume II	1965
19670074021	Facilities handbook Central Experimental and Proving Establishment RCAF Station Uplands Ontario	1965
19670074024	Studies of the pterin-like fluorescent substances produced by Aspergillus. IV - Fluorometric determinations of the pterin- like substances	1965
19670074068	Low-altitude, high-speed, visual acquisition of tactical and strategic ground targets. Part IV - Laboratory study no. 5, June - August 1965	1965
19670074070	Saturn Technical Information Handbook, volume I	1965
19670074071	Saturn Technical Information Handbook, volume IV	1965
19670074072	Interaction between intense optical radiation and matter Semiannual report, 1 Apr. - 30 Sep. 1966	1965
19670074073	Interaction between intense optical radiation and matter	1965
19670074074	Some characteristics of laser induced air sparks	1965
19670074075	Induced absorption in "pure" KCl and CaF ₂	1965
19670074076	Optical probe-scattering in CS ₂ induced by a ruby laser	1965
19670074230	Review of final reports on the reusable orbital transport	1965
19670074314	The noise of a vehicle in the London /Heathrow/ Airport Tunnel	1965
19670074316	Physical characteristics of the comet noise at exercise "Westminster"	1965
19670074348	Electromagnetic compatibility of Saturn launch vehicles Final report, Apr. 1964 - Feb. 1965	1965
19670074394	Take-off, level fly-over and landing noise levels of the B.A.C. 1-11 Interim report	1965
19670074475	Notes on the ecology of Herpotrichia nigra Hartig	1965
19670074567	The effect of a new take-off technique on the lateral noise due to the standard V.C.10	1965
19670074579	Frequency standards for radar beacons	1965
19670074612	THINGS - A code in Fortran IV for calculation neutron induced photon intensities	1965
19670074614	The determination of the hydrodynamic values of a Karman vortex street by hot wire measurements with small Reynolds numbers	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074637	Effect of crystallographic orientation on the fracture ductility of ZR-2.5 percent Nb and Zircaloy-2 tubular products	1965
19670074672	Spectroscopic group report, 1 May 1964 - 30 April 1965	1965
19670074702	APDAR /Advanced Polarization Diversity Autotrack Receiver/ instruction manual, volume I	1965
19670074733	U.K. research newsletter, Beryllia	1965
19670074757	Mars and Venus exploration studies. Volume IV - Research and technology implications Final report	1965
19670074787	Computer program modifications and auxiliary programs, guidance system error study, appendix B	1965
19670074863	Annual report for 1965 of the Institut fuer Plasmaphysik GmbH, Munich - Garching	1965
19670074901	J-2X experimental engine program Final technical summary report, 1 Jul. 1964 - 19 Jul. 1965	1965
19670074912	Engineering utilization manual. Program IIA - Radiant exchange in a specular-diffuse enclosure bounded by plane polygons	1965
19670074931	Space propulsion system project, volume I Final report	1965
19670074940	Distribution of collimated radiation in a specular-diffuse enclosure boundary plane polygons, program IIB Engineering utilization manual	1965
19670074941	Radiant exchange in a specular-diffuse cylindrical enclosure, program IA ENGINEERING utilization manual	1965
19670074946	Modal characteristics of ring-stiffened cylindrical shells	1965
19670074958	A note on the velocities and gradient distances of discrete gusts	1965
19670074973	Launch facilities for a post Saturn vehicle using solid motors	1965
19670074984	Feasibility study of an all-pneumatic wide angle free gyroscope	1965
19670074994	Electromagnetic compatability of Saturn launch vehicles Final report	1965
19670075069	Interconnection of functional electronic blocks Final report, 1 Jul. 1962 - 31 Oct. 1965	1965
19670075077	Astronautic Structures Manual, Volume II	1965
19670075098	Spacecraft propulsion systems for manned Mars and Venus missions Final review	1965
19670075117	SA-201 launch vehicle measuring systems and associated checkout GSE description	1965
19670075134	Worst case performance of the Saturn control computer 45v d-c differential amplifier and active filter	1965
19670075814	Activation analysis of some light elements in various materials using charged particles /alpha and p/	1965
19670076024	Grating groove formation in Au and Au-Ge alloys Final report, 1 Jul. - 31 Dec. 1965	1965
19670076026	Production of absorptional atelectasis in high oxygen environment at a simulated altitude of 27,000 feet	1965
19670076034	Development of composite structural materials for high temperature applications Progress report, 1 Jan. - 31 Mar. 1965	1965
19670076135	Reliability and design analysis of the brushless dc motor	1965
19670076182	Large solid booster case material and fabrication process evaluation with related metallurgical studies Progress report	1965
19670076192	Electromagnetic compatibility of Saturn launch vehicles Final report	1965
19670076193	Procedures manual for planetary spacecraft to be sterilized by heating. Volume I - Design guidelines	1965
19670076245	Grating Groove Formation in Au and Au-Ge Alloys Final Report, 1 Jul. - 31 Dec. 1965	1965
19670076267	Planetocentric coordinate transformations for the planet Mars Summary technical report	1965
19670076465	Bibliography of LLS/ALSS/AES documents. Volume III - Categorized listings	1965
19670076466	Bibliography of LLS/ALSS/AES documents. Volume II Corporate agency listings	1965
19670076536	Shadowgraph study of cone-cylinder and cone- cylinder-frustum-cylinder configurations	1965
19670076537	Feasibility study of acoustic depressurization	1965
19670076711	Experimental investigations of hypersonic flow, part II	1965
19670076744	Apollo extension system studies report on lunar gravity simulation studies for the Mobility Test Article /MTA/ program	1965
19670076815	Transformations involving the selenographic coordinate system	1965
19670076964	Pioneer spacecraft appendage deployment verification test Final report	1965
19670076967	Project Apollo guidance and navigation program Quarterly program and technical progress report, period ending Dec. 1964	1965
19670076968	Project Apollo guidance and navigation program Quarterly program and technical progress report, period ending Sep. 1964	1965
19670077026	Hybrid simulation of the Apollo guidance and navigation system	1965
19670077028	Apollo extension systems-lunar excursion module. Payload integration addendum to phase B. Volume I - Experimenters' handbook Final report	1965
19670077064	Experiments were performed in three distinct areas directly related to human factors - Lenticular stereoscopic television, tachistoscopic projection, brain wave utilization	1965
19670077102	Studies of spacecraft attitude change modes and resulting attitude fuel consumptions	1965
19670077105	Pulsed light source simulation of transient nuclear effects in integrated circuits	1965
19670077109	Nimbus control systems design studies Interim technical report, 1 Nov. 1965 - 31 Oct. 1965	1965
19670077115	Dimensional changes in polycrystalline graphites under fast-neutron irradiation	1965
19670077195	Coupled two-degree-of-freedom response of resiliently supported rigid body to random excitation	1965
19670077224	Gas coolant compatibility - Metals and ceramics	1965
19670077367	Gemini Launch Vehicle. Launch Vehicle No. 3 Flight Evaluation /U/	1965
19670077553	Thermal radiation from Saturn fireballs. Volume I, analysis	1965
19670077619	Computation of impact air pressure on ejection	1965
19670077758	Saturn S-11 reliability plan	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077759	S-11 program engineering change proposal requirements	1965
19670077806	Part I - Response of higher plants to high- intensity light Semiannual report, Dec. 1964 - Jun. 1965	1965
19670077810	An electronically controlled phase shifter Final report	1965
19670077829	Saturn S-II quality program plan	1965
19670077898	Biochemical study of mixed culture prototype in a closed ecological system /nitrogen fixation by Anabaena flos-aquae A-37/ Terminal report, 1 Jul. 1963 - 30 Jun. 1965	1965
19670078134	Economics of advanced launch vehicles	1965
19670078326	A universal receiving system for tracking and telemetry Network engineering branch report	1965
19670078340	Manned Spacecraft Center safety manual	1965
19670078362	Design, development, fabrication, and evaluation test of reliable earth sensor Final report, 1 Jul. 1963 - 30 Dec. 1965	1965
19670078561	The optical astronomy package for Apollo extension system Interim progress report	1965
19670078719	Instruction manuals for GaAs laser modulators and transmitters	1965
19670078772	Detectors for the Apollo Mod I and Mod II	1965
19670078945	GaAs laser radar components and techniques Final report, Jan. 1963 - Jun. 1965	1965
19670079073	Investigation of techniques for improving the operation of the Saturn radar altimeter	1965
19670079754	Temperature analysis of an arbitrarily shaped envelope close to the lunar surface	1965
19670080038	Disaster control plan-65. Annex B - Hurricane control plan	1965
19670080350	Development of ultrahigh strength, low density, aluminum plate composites Progress report, 1 Oct. - 31 Oct. 1965	1965
19670080623	Study of processes for the utilization of scientific findings from organizational behavior research progress report, jun. 1 - nov. 30, 1965	1965
19670080625	A perturbation theory of isoelectronic molecules - application to co based on n2	1965
19670080626	Data analysis in connection with the national geodetic satellite program second quarterly progress report, oct. 1 - dec. 31, 1965	1965
19670080627	An investigation of ceramics as structural materials semiannual status report, jun. 1 - nov. 30, 1965	1965
19670080628	The development of low noise photomultiplier tubes for astronomical applications progress report	1965
19670080631	Normal form and stability of a class of coupled nonlinear networks	1965
19670080632	Explosive and non-explosive onsets of instability	1965
19670080633	Calculated elastic scattering cross sections for the h plus - he system	1965
19670080635	Enhanced fluctuations in plasmas	1965
19670080636	Attenuation constants of waveguides with general cross sections	1965
19670080637	Theoretical studies of turbulence in plasmas semiannual status report no. 3, 1 jun. - 30 nov. 1965	1965
19670080638	Two quasi-stellar radio sources with large redshifts	1965
19670080639	Theoretical and experimental studies of the nature and characteristics of space-related plasma resonance phenomena semiannual report no. 1, may 1 - oct. 31, 1965	1965
19670080642	The legal structure of a confined microsocieity /a report on the cases of penthouse ii and iii/	1965
19670080863	A Survey of Application of Digital Computers to General Circuit Analysis	1965
19670081002	Comet and close-approach asteroid mission study, volume 2 final report, 2 jul. 1964 - 2 jan. 1965	1965
19670081010	Ultrasonic surface wave probing techniques for determining material soundness final report	1965
19670081052	Study of model matching techniques for the determination of parameters in human pilot models interim progress report, nov. 1964 - mar. 1965	1965
19670081053	Cone and column solar concentrator model interim summary progress report	1965
19670081782	Research on Stability and Stochastic Optimal Control Progress Report, Jun. 30 - Dec. 31, 1965	1965
19670081784	An investigation of the origin, age, and composition of meteorites progress report, jul. 1 - dec. 31, 1965	1965
19670081794	Basic Scientific Research in Fluid Physics Semiannual Status Report, 1 Jun. - 30 Nov. 1965	1965
19670081795	Analysis interpretation of magnetic field measurements between earth and mars received from mariner iv semiannual progress report, 1 jun. - 1 dec. 1965	1965
19670081797	Lunar and solar system research semiannual status report, 1 may - 31 oct. 1965	1965
19670081800	Circadian Rhythms in Primates as Influenced by Latitude, Longitude, Gravity and Confinement Semiannual Progress Report, 1 May - 31 Oct. 1965	1965
19670081806	Progress report	1965
19670081808	Report on principal results on aims of work, july 1 - december 31, 1965	1965
19670081810	Semiannual Status Report, June 15 - December 15, 1965	1965
19670081819	Atomic Processes in Atmosphere Semiannual Status Report, Jun. 1 - Nov. 30, 1965	1965
19670081821	Semiannual Progress Report, June 15 - December 15, 1965	1965
19670081826	Reduction and analysis of magnetometer data from mariner 4 semiannual status report, 1 apr. - 30 sep. 1965	1965
19670081879	Engineering standards design manual, preparation and maintenance of	1965
19670081894	Anode Spot Oscillations Semiannual Progress Report No.3, 1 Jun. - 30 Nov. 1965	1965
19670081898	Investigations of Flight-related Physical, Psycophysiological and Cardiorespiratory Stresses Progress Report, Jul. 1 - Dec. 1, 1965	1965
19670081899	Mean life of the 2p2 1d2 level in o v	1965
19670082017	Study of Propagation of Energetic Particles in Interplanetary Space Status Report, 1 Jul. - 31 Dec. 1965	1965
19670082019	Investigation in Chemical Rocket Propulsion Semiannual Report, 1 Jul. - 31 Dec. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670082024	Managerial Methods of Successful Project Managers with a Loose Rein	1965
19670083055	Environmental biology	1965
19670083480	A generalization of difference sets	1965
19670083481	Analysis of high temperature creep in pyrolytic carbon	1965
19670083817	Choosing a nominal system path to maximize the probability of reaching a given region of state space	1965
19670084041	A study of low density, high strength high modulus composites quarterly progress report, 24 oct. - 23 dec. 1964	1965
19670084060	Optimum coherent linear demodulation	1965
19670084082	Lower bounds to energy eigenvalues by the partitioning technique	1965
19670084087	Earth's Radiation Belts, Results of Researches on Soviet Satellites and Rockets in 1957-1959	1965
19670084121	Mass spectrographic analyses of nonconducting ceramics	1965
19670084414	Research and development for fabricating a simulated titanium alloy gore segment for the s-1c fuel tank progress report, aug. 1965	1965
19670084415	Space flight beyond the moon	1965
19670084417	Research and development for fabricating a titanium gore segment progress report, nov. 1965	1965
19670084423	Broadcast satellite possibilities	1965
19670084497	Screening - a Technique for Reliability Improvement	1965
19670084525	Preliminary Weight Estimation and Sizing of Lifting Spacecraft	1965
19670084611	Lockheed-convail-mc donnell gemini atlas agena target vehicle - master j-fact countdown	1965
19670084619	Passively scanned star telescope final report	1965
19670085408	The energy environment of the alpine tundra	1965
19670085541	Bounded phase-coordinate control quarterly progress report, 15 dec. 1964 - 14 mar. 1965	1965
19670085678	Crystal pressure transducer final report	1965
19670085718	Welding refractory metal alloys for space power system applications	1965
19670086136	Nasa facilities grant no. nsg/f/-13 final report	1965
19670086175	A Case History of a Space Program Failure Review Board Operation	1965
19670086226	Techniques of radio frequency mass spectrometry semiannual status report, period ending 31 mar. 1965	1965
19670086493	Use of Operations Research in the Effective Planning of Space Missions and Space Programs	1965
19670087477	Theoretical and experimental studies of the deformation of thin shells final report	1965
19670087494	Experimental damping studies monthly progress report	1965
19670087636	Stable dense cold plasma final technical report, 20 feb. 1961 - 19 sep. 1965	1965
19670087637	Cleanness of glass surfaces measured by evolution of hydrogen from sodium-ammonia	1965
19670087638	Stability of sodium-ammonia solutions in the presence of salts	1965
19670087639	A combination toepler pump-mc leod gauge	1965
19670087640	Densities of sodium-ammonia solutions	1965
19670087641	Construction of a precision glass cell for hall coefficient measurements of liquids	1965
19670087646	Aviation and cosmonautics	1965
19670087647	Our comrades are in flight	1965
19670087648	Before stepping out into space	1965
19670087649	The space expanses are calling	1965
19670087658	High Temperature Qualification Test on Digital Test Command System	1965
19670087661	Semiconductor devices, qualification tests, general specification	1965
19670087673	Qualification test for wet primary battery dac scn 1a83468-501	1965
19670087678	Pershing qualification test program winchester electronics, inc.	1965
19670087679	Radiographic inspection of aluminum alloy fillet welds	1965
19670087680	Cholestric liquid crystals and their application to thermal nondestructive testing	1965
19670087681	Analysis of thermal control coatings for earth and lunar orbiting propulsion modules	1965
19670087705	Pump, auxiliary motor, hydraulic, variable, delivery	1965
19670087706	Electrical circuit interrupter, pyrotechnic	1965
19670087711	Physicochemical study of group ii-vi semiconductors. part 2 - thermodynamics of cadmium telluride research report, oct. 1964 - apr. 1965	1965
19670087712	Evaluation testing of new advanced components	1965
19670087713	Thin film distributed rc active filters	1965
19670087715	Electrical conductivity and resistivity of selected metals and alloys interim report	1965
19670087716	Component parts evaluation report on motors and motor generators, small fractional h. p. servo motor 109-240 v 400 cycles only	1965
19670087717	Projects and publications of the applied mathematics division, a semiannual report, january - june 1965	1965
19670087718	Emc test of burner i high level multicoder, p/n 7837664-1, s/n355 and subcarrier voltage controlled oscillator p/n7833105-539 s/n 6449306	1965
19670087719	Qualification test of saturn s-i and s-ib stages engine cutoff sequence sensors /20c30429 and 20c30430/	1965
19670087720	Qualification test of high pressure aps bellows assembly, dac scn 1a89600-1 and 1a89600-501	1965
19670087722	Evaluation of a lead-filled silicone rubber	1965
19670087723	Quick disconnect, hydraulic, coupling halves	1965
19670087724	Test laboratory procedure report. capacitor, fixed, ceramic, sealed, lead mount	1965
19670087726	Evaluation of presstite 1175.35 polysulfide cement	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670087728	Qualification test report, hoffman electronics, corp., zener diodes, types in763-2, in767	1965
19670087730	The Design and Performance of Model 2.041 Quadraloop Telemetry Antennas for the NASA Aerobee, Flight 4.118	1965
19670087731	36.8 MC Helix for Dovap Application	1965
19670087732	Inspection of the 136.5 mc minitrack stadan antennas at quito /cotopaxi/, ecuador	1965
19670087733	Inspection of the 136.5 MC Minitrack Stadan Antennas at Mojave, California	1965
19670087734	The Design and Performance of Model 2.003 and Model 10.023 Quadraloop Telemetry Antennas for the NASA Javelin, Flight 8.24	1965
19670087735	The Design and Performance of Model 2.041 Quadraloop Telemetry Antennas for the NASA Aerobee, Flight 4.150	1965
19670087736	The design and performance of model 2.040 quadraloop telemetry antennas for the nasa javelin flight 8.11	1965
19670087737	The theory of a radio frequency interferometer internal-external junction	1965
19670087738	The design and performance of model 2.040 quadraloop telemetry antennas for the nasa javelin, flight 8.37	1965
19670087739	Inspection of the 136.5 mc minitrack stadan antennas at blossom point, maryland	1965
19670087745	Report of test on transformers, miniature audio borders electronics 10641	1965
19670087746	Report of test on borders electronics co., 10642	1965
19670087748	Qualification test on allied control inc. relay no. wrj-6d	1965
19670087749	Qualification test on potter and brumfield relay number sc-7551	1965
19670087751	Qualification test of telemetry rf coaxial switch dac-sc-1a69213-1	1965
19670087752	Report of test on raytheon company inductors type 160673	1965
19670087754	Switch, Power, Overcurrent Relay	1965
19670087755	Valve, Solenoid, 3-way, 2-position Final Report	1965
19670087756	Report of test on transformer, miniature audio raytheon ebt-011	1965
19670087757	Reliability test report, bellows assembly	1965
19670087759	To Quality Parts of Use in Apollo Guidance Equipment	1965
19670087760	Component evaluation report on resistors, variable, wirewound, multiturn, linear, .50 watt	1965
19670087761	Qualification Test, Temperature Transducer and Signal Conditioner	1965
19670087769	Single stage variable magnification image intensifier tube final report, 25 jun. 1963 - 31 may 1965	1965
19670087771	Monthly project progress report, period ending 15 march 1965	1965
19670087782	Interference reduction techniques for receivers quarterly report, 1 jan. - 31 mar. 1965	1965
19670087783	Qualification test report on lamps, light sources, electrical, neon	1965
19670087792	Design and test evaluation of a fluid passive damper for a spinning spacecraft interim report	1965
19670087793	Pre test report for mach 2.0 tapered swept wing	1965
19670087796	Apl geodetic satellite project /anna/ status report, jan. - mar. 1965	1965
19670087798	Heats of formation and thermodynamics of organic derivatives of the lighter elements quarterly technical summary report no. 25, 1 jan. - 31 mar. 1965	1965
19670087827	Component parts evaluation report - switch, programmable-multipole	1965
19670087828	Environmental test of tape recorder, 1464782 final report	1965
19670087829	Check valve, helium	1965
19670087830	Qualification test report cdf pyrogen initiator	1965
19670087831	Report of supplemental development testing program for helium valve, explosive operated, normally closed	1965
19670087832	Reliability test report bellows assembly	1965
19670087833	Fuel Tank Prepressurization Disconnect Vibration Tests Dac Scn 78518611 and -501	1965
19670087835	Qualification test report for wet primary battery douglas specification control number 1a68316-1	1965
19670087838	S and id reliability preferred parts	1965
19670087839	Tropical service life of electronic components /actual use conditions/	1965
19670087840	Resistance welding of nickel trace tabs to component leads final report	1965
19670087864	/procedure/ modules, electronic, encapsulating final report	1965
19670087865	Semiconductor devices, qualification tests general specification nasa 50m03501a	1965
19670087867	Semiconductor device qualification test, general specification	1965
19670087873	Qualification test report summary digital test command system	1965
19670087874	Qualification Tests on Electrofilm P/n 104872 Blanket Assy, Electrically Heated	1965
19670087875	Qualification Test Report for Thermoelectric Calorimeter Transducers Dac Scn 1b29029-1, -501, and -505	1965
19670087876	Cartridge assembly, detonator, hot wire electrically initiated	1965
19670087877	Qualification Test Report Dc Amplifier	1965
19670087878	Report of Qualification Test on V15-590220, Cartridge Assembly, Canard Thruster	1965
19670087880	Investigation of millimeter wave generation and nonlinear propagation in ferrimagnetics quarterly report, 1 nov. 1964 - 31 jan. 1965	1965
19670087881	Effect and control of chatter vibrations in machine tool processes quarterly technical report, 1 mar. - 31 may 1964	1965
19670087882	Investigation, design, and test of resonant combustor turbine starters first interim technical report, mar. 24 - aug. 24, 1965	1965
19670087885	Qualification tests on batteries, dry ba-423/u	1965
19670087886	Qualification test report on diodes	1965
19670087887	Qualification test report on fixed resistors	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670087888	Effect of processing variables on chronic acid anodize	1965
19670087889	Vibration test of pressure switch, bristol co. type c2060-1	1965
19670087890	Qualification testing of electro-mechanical brakes	1965
19670087891	Mmu mission analysis	1965
19670087893	Model ra-5c airplanes quarterly index of biweekly flight test summary reports	1965
19670087894	The ballistic missile problem	1965
19670087902	Solid state synthesis of microwave functions interim engineering report, 1 apr. - 30 jun. 1965	1965
19670087903	Microwave oscillations from avalanche diodes	1965
19670087904	Integrated l-band switch	1965
19670087905	Electro-optical generation of microwaves	1965
19670087906	Gunn oscillators	1965
19670087907	Organic parametric interactions	1965
19670087908	Pulsed bridge harmonic generators	1965
19670087919	Production reliability evaluation program round v helium pressure vessel p/n 1464204-1 laboratory test report	1965
19670087923	Evaluation of power connectors for space application	1965
19670087924	Dynamic mechanical properties of solid propellants quarterly technical summary report, 1 jun. - 31 aug. 1965	1965
19670087925	Evaluation of power connectors, for space application	1965
19670087928	Qualification test /combined submission/ on meters, electrical indicating panel type, ruggedized type designation, mr36b109specr	1965
19670087931	Evaluation test of lrc hi-q inductors, glass coil form	1965
19670087932	Program for the determination of structural loads on a reentry vehicle	1965
19670087934	Applications of spark discharge generated blast waves in hypervelocity flows	1965
19670087935	Production reliability evaluation program /prep/ round v bellows, propellant feed p/ns, 1461967-1, 141968-1, and 1461973-1	1965
19670087936	Silicon controlled rectifier, type 2n 692 evaluation tests	1965
19670087937	Qualification test report on fixed capacitors	1965
19670087940	Semiconductor device, transistor 6800-3096	1965
19670087941	Microelectronic circuit environmental qualification	1965
19670087942	Pump, auxiliary motor, hydraulic variable delivery	1965
19670087944	Report of test on general instrument 2n2484 /date code 437/ silicon transistors	1965
19670087945	Failure Analysis, Bendix Corporation Semiconductor Division, Transistor Type 2n2469	1965
19670087946	Development Test Report for Baseplate Module for Test Command System	1965
19670087947	Ignition Parts and Explosives - Stage Separation, Explosive Charge, Noc, Electrical Final Report	1965
19670087948	Qualification test report on vibration tests of digital test command system	1965
19670087952	Digital test command system. qualification test report on electromagnetic interference test	1965
19670087953	Vibration Test of the Silicon Transistor Corp. 2n2034	1965
19670087955	Resistor, Environmental, Mepco	1965
19670087956	Life Test Evaluation of Fairchild Fda-6099 Planar Epitaxial Diode	1965
19670087957	Qualification test of audio frequency transformer per army ordnance drawing number 10121675	1965
19670087959	Qualification test report on cable special purpose	1965
19670087961	Report of test on rf switch assembly	1965
19670087963	A numerical method for calculating load distributions and the aerodynamic influence coefficient matrix for wings with supersonic leading and trailing edges in supersonic flow	1965
19670087965	Research of ion implantation doping techniques monthly progress report, 15 nov. - 15 dec. 1965	1965
19670087966	Plasma arc welding in the aerospace industry	1965
19670087970	C-141a reliability investigation of apu starting system	1965
19670087971	Substantiation of epoxy mixing and application instructions final report	1965
19670087972	Evaluation of deutsch connectors	1965
19670087973	Qualification test, relay, armature. relay, 5-10 amp, hermetically sealed, 1-30 vdc, dpdt	1965
19670087974	Transportation and handling tests of minuteman second-stage wing vi motor 52th-4 final report, 6 jan. - 17 feb. 1965	1965
19670087976	Comparative evaluation of five vendors 2n2907a	1965
19670087977	Engineering evaluation test report. transformer, power, stepdown	1965
19670087978	Test procedure/report to evaluate tip jacks, test points and test point receptacles, volume ii final report	1965
19670087980	Evaluation tests on batteries, storage, lead acid, type bb-248/u	1965
19670087996	Research on gunn effect devices interim technical report, 1 aug. - 30 sep. 1965	1965
19670087997	Deflection test and analysis of moog servoinjector	1965
19670087999	Qualification test for gas pressure transmitter	1965
19670088000	Resistor, variable, linear, precision engineering evaluation test report	1965
19670088001	Task 3.5.1 to evaluate tip jacks, and test points, volume i test procedure report	1965
19670088018	The ejector ramjet propulsion system	1965
19670088021	Mauler technical development plan 1-x-242-106-d676	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088026	Research on light metal fuels and oxidizer chemistry. part i - light metal fuels quarterly progress report no. 8, aug. - oct. 1965	1965
19670088031	Performance and physical characteristics of liquid rocket engines	1965
19670088052	Studies of Thermionic Materials for Space Power Applications Monthly Report, 1-31 Oct. 1965	1965
19670088080	Qualification test on hi-g inc. relay number 4b-1586 by r-astr-eac	1965
19670088082	Investigate methods of fabricating and joining large sandwich segments for forming common domes monthly progress report, sep. 1-30, 1965	1965
19670088093	Work package 3860 final report	1965
19670088095	Semiconductor device qualification test, general specification	1965
19670088097	Test laboratory procedure report on capacitor, fixed, ceramic, hermetically sealed, lead mount	1965
19670088098	Pressure suit and extravehicular performance data for mol	1965
19670088099	Evaluation of the effects of ring/stringer eccentricity upon the structural optimization of axially compressed cylinders stiffened with rings and/or stringers of rectangular cross section	1965
19670088100	Apollo service module rocket engine development test report electrical harness	1965
19670088105	Flight certification test report - cable and accelerometer assembly	1965
19670088107	Feasibility study for a stellar attitude detection system /sads/ for three axis attitude determination at a command and data acquisition /cda/ station status report no. 2, 14 may - 14 jun. 1965	1965
19670088109	Semiconductor life testing overstress failures of st72 transistors	1965
19670088118	Electronic surveying with the laser	1965
19670088122	Capacitor, fixed, ceramic dielectric 82 pf	1965
19670088127	Hose assembly, umbilical qualification test	1965
19670088128	Evaluation test of hollingsworth solderless crimp type terminals	1965
19670088129	Development test report of the type 100 pressure cartridge	1965
19670088130	Component evaluation report on relays, 20-50 amps, hermetically sealed, 26.5vdc, armature	1965
19670088131	Pulse transformer, life test	1965
19670088132	Ablation sensor - design verification test report	1965
19670088133	Apollo service module engine naa-s-31 coating of the nozzle extension	1965
19670088134	Fixative chamber, storage and transfer	1965
19670088135	Application of crocco theory	1965
19670088136	Evaluation of hysol corporation rtv-201 silicon rubber	1965
19670088137	Modifications to the prelort/verlort radars to provide c-band operations only	1965
19670088138	Hybrid junction, radio command, volume i	1965
19670088139	Component evaluation report on counter, electrical, impulse	1965
19670088140	Reliability test report expansion joint tube, low pressure	1965
19670088141	Syncro-control transformer	1965
19670088145	Sensor Assembly, Current	1965
19670088147	Hybrid junction, radio command, volume 2, appendix iv	1965
19670088148	Life test of t.i. transistor 3n74	1965
19670088149	Group i Qualification Test Report Tank Pressure Control Valve	1965
19670088150	Development test report for g and n buffer unit - digital test command system	1965
19670088151	Cabin Pressure Regulator	1965
19670088152	Cryogenic fluid flow instabilities monthly progress report, apr. 1965	1965
19670088153	Engineering evaluation test report on resistor, variable, linear, precision	1965
19670088154	Engineering evaluation test report on resistor, variable, linear, precision	1965
19670088155	Engineering evaluation test report on relay, 2 amp, hermetically sealed, 26.5 vdc, power, 6 pdt	1965
19670088156	Evaluation of potentiometers	1965
19670088157	Sensor, char layer heat shield	1965
19670088158	Component parts evaluation report on motors and motor generators, small fractional hp, servo motor, 109-240v, 400 cycles only	1965
19670088159	Engineering evaluation test report on transformer, power, stepdown, hermetically sealed, 400 cps only	1965
19670088160	Report of test on filters, inc., relay, armature	1965
19670088161	The evaluation of 2 silicon controlled rectifiers test report	1965
19670088170	Components flight rating tests for the f-1 rocket engine	1965
19670088171	Mathematics for engineers. part vi - elementary tensor calculus	1965
19670088175	Design and development of a distance measuring device monthly progress report, 1-30 nov. 1965	1965
19670088177	Effects of drugs on human performance - effects of scopolamine on representative human performance tests technical report, jul. 1964 - jul. 1965	1965
19670088180	Mechanical and thermal properties of high- temperature titanium alloys quarterly report, dec. 1, 1964 - feb. 28, 1965	1965
19670088183	Cartridge assembly, pressure, explosive train initiated	1965
19670088184	Sst phase ii-c monthly technical progress letter report, oct. 1965	1965
19670088185	Variable-mu receiver for measurement of magnetic induction fields relative to susceptibility of integrated solid-state circuits interim technical report, 1 aug. - 1 nov. 1965	1965
19670088186	Variable-mu receiver for measurement of magnetic induction fields relative to susceptibility of integrated solid-state circuits interim technical report, 1 may - 1 aug. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088193	Reflecting properties of military targets using lasers	1965
19670088199	Converter, noise, ac, analysis report	1965
19670088218	Minutes of mod iv payload ejection mechanism working group meeting	1965
19670088220	Training-adjusted decision systems for process control	1965
19670088221	Results of a flat plate boundary layer transition experiment at mach 5. model - general	1965
19670088226	Xc-142a vtol transport program monthly progress report	1965
19670088228	Valve, initiation, injectant. propulsion parts and materials, solid fuel engines	1965
19670088229	Xc-142a vtol transport program monthly progress report, nov. 1965	1965
19670088230	Qualification Test Report Simulated Duty Cycle Tests Digital Test Command System	1965
19670088231	Report of test on buss gln and glx fuses	1965
19670088233	Qualification testing of clutch, electro- mechanical	1965
19670088234	Motors and motor generators, miniature servo motor, 30-109 volts, 400 cps. size 8 control motor with gearhead for the 5814e gasta	1965
19670088235	Evaluation test of printed circuit board materials	1965
19670088236	Valve, Solenoid, Recirculation System Actuation, Poppet, Solenoid	1965
19670088237	Transmitter, pressure, very low range dc/dc	1965
19670088238	Evaluation of hermetically sealed magnetic amplifiers final report, mar. - dec. 1964	1965
19670088239	Component parts evaluation report, microelectronic circuits, amplifier, d. c. diffused plus deposited elements, active substrate	1965
19670088241	Variable stability demonstration program at edwards air force base	1965
19670088242	Shaped Charge, Linear Flexible Final Specification	1965
19670088243	Cohesive strength and modulus of an rtv silicone bonded between flat plates progress report	1965
19670088244	Digital test command system qualification test report. acoustic noise tests	1965
19670088251	Inversion in dimethylamine	1965
19670088252	Study program for airborne multiplex interior communications system final report	1965
19670088253	Test and data report - static confirmation tests - wing vi - g and c section /section 42/	1965
19670088254	Some computational aids for hane-data reduction	1965
19670088255	Deposition of tungsten by reduction of the hexafluoride with hydrogen in the vapor phase quarterly report, 1 may - 1 aug. 1965	1965
19670088257	Opacities of carbon-air mixtures at temperatures from 3000 to 10,000 k	1965
19670088258	Gemini program - elevated stress and extended life test - guidance j-box	1965
19670088259	Gemini program - elevated stress and extended life test - flight command logic package	1965
19670088260	Acceptance test report on fixed resistors	1965
19670088262	Life sciences program review	1965
19670088263	Introduction	1965
19670088264	Bioscience program	1965
19670088265	Biotechnology and human research	1965
19670088266	Space medicine	1965
19670088267	Life science programs and medical support of gemini and apollo	1965
19670088268	Conclusion	1965
19670088273	Surveyor spacecraft a-21 model description	1965
19670088275	Radiation-coupled flow field around bodies. ii - stagrads-ablation	1965
19670088276	An adaptive pattern classification system	1965
19670088277	The cathode ray storage tube in adaptive decision systems	1965
19670088280	Reworked gravity values from lcr gravity meters g43, g44, g47, g48 operated by a. p. c. s. in 1964 over the euro-african line	1965
19670088281	Comparison of the u. s. n. o. o. 1964 gravimeter measurements over the n. a. c. l. with the other modern lacoste and romberg meter data	1965
19670088283	Sst phase 11-c monthly technical progress report - letter, aug. 1965	1965
19670088284	Advanced thermoelectric air conditioning systems /phase iii/ final report	1965
19670088286	Flight summary report for athena flight 5-d001-c01	1965
19670088287	Flight summary report for athena flight 12-d008-p04	1965
19670088290	Lubricity properties of high-temperature jet fuels quarterly progress report, 15 aug. - 15 nov. 1965	1965
19670088291	Pattern handbook, volume iii - far-field patterns of a linear antenna radiating in the presence of square cylinders	1965
19670088292	Pattern handbook, volume 11 - memorandum on shipboard antenna far-field pattern prediction	1965
19670088293	High modulus, high strength filaments and composites summary report, 30 sep. 1964 - 15 jun. 1965	1965
19670088296	On topological equivalences	1965
19670088298	Statistical tests on electronic components, 18 august - 2 october 1964	1965
19670088303	Gemini program - elevated stress test and extended life test - aft power distribution junction	1965
19670088304	Gemini program - elevated stress and extended life test - auxillary forward safe/arm junction box	1965
19670088305	Waveguide, waveguide circuits and antenna research study quarterly progress report, 1 sep. - 31 nov. 1965	1965
19670088306	Performance tests on three unbonded strain gage pressure transducers. model 4-312-0001, serials 25056, 25062, 25070 manufactured by consolidated electrodynamics corporation	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088308	Annual report for fiscal year 1965	1965
19670088310	Results of sps tanking tests at etr launch complex 14	1965
19670088312	An analog display system for digital graph plot output	1965
19670088314	Qualification test data hi-g inc. relay no. 2ha-16-126	1965
19670088315	Vtol transport program semiannual report, jul. - dec. 1965	1965
19670088316	The design of electronic equipment for ease of maintenance - current engineering design practices	1965
19670088322	Gemini program - elevated stress test - aft power distribution junction box	1965
19670088328	Iridium base alloys and their behavior in the presence of carbon progress report, 1 jun. - 1 sep. 1965	1965
19670088334	Solid-state plasma microwave generators interim engineering report	1965
19670088335	Computer memories for missileborne applications	1965
19670088337	The evolution of nervous control in vertebrates final report, 1 feb. - 30 sep. 1965	1965
19670088342	Anti-static techniques investigation final report, jul. 1964 - jun. 1965	1965
19670088343	Engineering evaluation test report on transformer, radio frequency	1965
19670088344	Comprehensive technical progress report	1965
19670088345	Comprehensive technical progress report	1965
19670088346	Comments concerning mod iv payload ejection mechanism fourth design review meeting	1965
19670088347	Minutes rmv kx-11 failure analysis meeting	1965
19670088348	Psychological and pharmacological factors controlling gastro-intestinal motility final report	1965
19670088349	Production engineering measure - microelement transistors, micromodule program extension ii formal engineering report	1965
19670088355	Annual report of the defence research medical laboratories, 1965	1965
19670088356	High modulus-to-density fiber reinforcements for structural composites technical report, may 1964 - may 1965	1965
19670088358	The effect of wall temperature on stagnation region heat transfer and shock detachment distance in hypersonic incipient merged layer flow	1965
19670088359	Evaluation of airborne overland radar techniques and testing. volume ii - clutter data appendixes final report, jan. - jul. 1965	1965
19670088362	Wind tunnel test data report for the full scale powered duct model	1965
19670088365	Electrolytic removal of oxygen from sodium technical status letter no. 1, 21 dec. 1964 - 31 mar. 1965	1965
19670088366	Review of recent developments high-energy- rate processes	1965
19670088368	Gemini Atlas Agena Target Vehicle Systems Launch Test Directive GTA-6	1965
19670088369	Gemini program - elevated stress and extended life test-forward signal conditioner junction box	1965
19670088371	Athena flight 3-a003-b01 final report	1965
19670088372	A guide to flight test data reporting for stellar acquisition feasibility flight /staff/ program	1965
19670088373	Engineering evaluation test report on relay, armature, time delay	1965
19670088374	Engineering evaluation test report on transformer, radio frequency	1965
19670088377	Measurement of residual stresses in heavy weldments	1965
19670088391	Zero-gravity vent program study	1965
19670088393	Gemini program - elevated stress test - forward power distribution junction box	1965
19670088394	The application of statistical methodology to arms control and disarmament final report	1965
19670088395	Qualification test report for coaxial tubing acf scd 050867-1	1965
19670088396	Evaluation of high-temperature gas transport properties quarterly progress report, 29 jul. - 28 oct. 1965	1965
19670088399	Analysis of the lift and drag characteristics of a series of elliptic cone-cylinder-wing wind tunnel models at mach numbers from 0.50 to 16.0	1965
19670088402	Proceedings of the fourth annual meeting	1965
19670088403	Transient lunar events - possible causes	1965
19670088404	Geometry of backscatter surfaces as applied to the moon	1965
19670088405	Evidence for lunar ignimbrites	1965
19670088406	Scientific missions for a lunar base	1965
19670088408	Synthesis and characterization of electronically active materials technical report, 16 nov. 1964 - 15 may 1965	1965
19670088409	Crystal growth of gallium phosphide from the melt	1965
19670088410	Vapor-phase growth of thick films of gallium phosphide	1965
19670088411	Electron hall mobility in gaas-gap alloys	1965
19670088412	Dislocations and precipitates in gaas injection lasers	1965
19670088413	Effects of growth conditions on microstructures in cds - cu single crystals	1965
19670088414	Precipitates and dislocations in annealed cds-cu crystals	1965
19670088415	Preparation of ge-si alloy crystals	1965
19670088416	Elastic constants of ge-si alloys	1965
19670088417	Microwave ultrasonic attenuation in ge-si alloys	1965
19670088418	Polarized low-temperature spectrum and zeeman effect of zno - ni2plus	1965
19670088419	Acoustoelectric noise power outputs from semiconducting cds	1965
19670088420	Transverse striations in bi-sb alloys	1965
19670088421	Determination of tin in bismuth-antimony alloys	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088433	Experimental investigation of the absorption of infrared radiation semiannual technical summary report, 1 jan. - 30 jun. 1965	1965
19670088434	Dose calculation models for re-entering nuclear rocket debris	1965
19670088435	Sequence controller	1965
19670088436	Semiconductor device qualification tests, general specification	1965
19670088438	Experiment descriptions to aid in establishing typical development plans for manned earth-orbit program	1965
19670088441	Study of monkey, ape, and human morphology and physiology relating to strength and endurance. phase iv - the musculoskeletal anatomy of the thorax and brachium of an adult female chimpanzee	1965
19670088445	Project development plan, scout program	1965
19670088454	Corrosion of taper-plated coatings	1965
19670088455	Evaluation of erie r.i. filters 66c601050p2, 66c601041p1 and type 1200-015,	1965
19670088456	Report of qualification tests conducted on itt - cannon electric cwld connectors to litton drawing 860492	1965
19670088458	Digitally controlled receiver	1965
19670088460	The air force/mit horizon definition program,	1965
19670088461	Laser propagation measurements through rocket plumes	1965
19670088462	High energy oxidizer stabilization studies quarterly progress report, jul. 18 - oct. 18, 1965	1965
19670088464	Research and development on fluorine based oxidizers quarterly report, period ending 31 dec. 1965	1965
19670088467	Feasibility study of a toxic chemical agent detection system final report, 15 mar. - 15 sep. 1965	1965
19670088468	Sun/spot window geometry staff vehicle c2x-2	1965
19670088472	Aircraft turbine engines - development and procurement cost	1965
19670088473	Proportional propellant gas valves final report	1965
19670088534	Qualification test to establish a 70-percent confidence in the quantitative reliability of hose assembly, flexible, high and low pressure, addendum 3	1965
19670088535	Qualification tests conducted on the grimes 15-0086-1 wheel well light	1965
19670088536	Qualification test to establish a 70-percent confidence in the quantitative reliability of hose assembly, flexible, high and low pressure, addendum 1	1965
19670088537	A reliability concept for long space missions	1965
19670088539	Qualification test to establish a 70-percent confidence in the quantitative reliability of hose assembly, flexible, high and low pressure, addendum 7	1965
19670088540	Qualification test report for coaxial tubing acf scd 050867-2	1965
19670088545	Improved 2.75-inch ffar program	1965
19670088551	Documentation of reentry e /phase ii/	1965
19670088568	Tiros radiation measurements and variations in atmospheric heating quarterly progress report, 8 may - 15 aug. 1965	1965
19670088570	Qualification test report connector, coaxial, rf, male, 90 degrees h.s., push-on	1965
19670088575	An epr study of the biphotonic nature of the solute sensitized photodecomposition of polydimethylsiloxane	1965
19670088580	Minutes of the mod iv payload ejection mechanism/atlas interface meeting /1st/	1965
19670088581	Test Report on Pressure Cartridge Assembly,	1965
19670088590	C-130 - failure investigation of a fuel pressure transmitter, p/n ms 28005-1, s/n 2559 /bendix corporation p/n 7709-15-b5-1/, "ur" exhibit	1965
19670088606	Electrical circuit interrupter, pyrotechnic	1965
19670088607	Helium tank /5/8 inch/ full disconnect	1965
19670088608	Qualification Test Report Cdf Pyrogen Initiator	1965
19670088609	Reliability testing of fairchild semiconductor matched micro diode bridge, fsa-1328/dv- 101426/	1965
19670088622	Forming thin gauge, low ductility metals magnesium, titanium, beryllium	1965
19670088623	Qualification test to establish a 70- percent confidence in the quantitative reliability of hose assembly, flexible, high and low pressure, addendum 8	1965
19670088624	Qualification test report connector, coaxial, r. f. female, push-on	1965
19670088625	Comparator channel breadboard test report for the apollo entry monitor system	1965
19670088626	Qualification test report connector, coaxial, rf female 90 degrees, push-on	1965
19670088627	Qualification test, switch, toggle	1965
19670088630	Manned experiment program for aes. status summary	1965
19670088635	Qualification test report connector, coaxial, rf male, push-on	1965
19670088646	Qualification test report. lh2 recirculation system lines	1965
19670088651	Nasa ranger 8- results of joint flight acceptance composite test for agena vehicle 6006	1965
19670088656	Preliminary voyager data management plan	1965
19670088671	Research contract monthly status report, 15 aug. - 14 sep. 1965	1965
19670088672	Low pass filter, report of test on	1965
19670088698	Optical image design study /flat photocathode/ interim technical report, 25 apr. - 24 jul. 1965	1965
19670088702	Semiconductor Devices, Qualification Tests, General Specification	1965
19670088703	Semiconductor devices, qualification tests, general specification	1965
19670088704	Hughson ex-b 727-6 pretreat coating aluminum, attach of evaluation	1965
19670088705	C-141a leakage characteristics of the 3h90045-101 manually operated shutoff valve at 65 deg f	1965
19670088708	Resistor, variable, nonlinear/linear precision engineering evaluation test report	1965
19670088709	Resistor, variable, linear, precision engineering evaluation test report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088710	U.s. time document 1106-gyroscope, rate, three axis qualification test report	1965
19670088711	Fuel tank vent and relief valve, dac p/n 7851795-503g, failure analysis test	1965
19670088712	Check valve-low pressure	1965
19670088713	Hose assembly, umbilical final report	1965
19670088714	Naa/sid electrical umbilical connectors qualification test report	1965
19670088715	S01-10038-11 apollo type i cartridge development test report	1965
19670088716	1/2 Inch MMH Check Valve Design Evaluation/ Qualification Test Dac Scn 1A79398-501	1965
19670088717	Flight control hydraulic actuator assembly thermo/vacuum qual	1965
19670088718	Four helium purge check valves	1965
19670088721	Semiconductor devices, qualification tests general specification nasa 50m03501a	1965
19670088723	The influence of strain rate on discontinuous yielding and mild steel, 7075-t6 aluminum, and rene' 41	1965
19670088724	Engineering evaluation vibration test report of moog model 50-248d servoinjector	1965
19670088725	Space properties of seal materials	1965
19670088727	Production reliability test of the whittaker nitrogen regulator final report	1965
19670088729	Research on gas plated refractory metal coatings for liquid metal compatibility investigation quarterly progress report, 1 may - 1 jul. 1965	1965
19670088730	High temperature bearing and retention development technical report, mar. 1964 - may 1965	1965
19670088732	Reliability techniques utilized in converting the thor tactical system to a research and development space booster	1965
19670088734	Confined detonating fuze ordnance tee - qualification test report	1965
19670088738	Qualification Test to Establish a 70-percent Confidence in the Quantitative Reliability of Hose Assembly, Flexible, High and Low Pressure, Addendum 4	1965
19670088739	Reliability Test Report, Expansion Tube, Low Pressure	1965
19670088740	Qualification test report connector, coaxial, r. f. female, push-on	1965
19670088741	Phase a Qualification Test-regulated DC, Low Level, Solid State	1965
19670088742	Environmental test of motorola sm2928 transistor	1965
19670088743	Environmental Test of Motorola 2N2907 Transistor	1965
19670088744	Development test report for normalizer circuitry - digital test command system	1965
19670088745	Qualification test of gas velocity on transducers - velocity, power, electrical	1965
19670088750	Qualification test to establish a 70 percent confidence in the quantitative reliability of hose assembly, flexible, high and low pressure, addendum 2	1965
19670088751	Support data for reliability tests on resistors, fixed oxide film, type f-20	1965
19670088756	Interaction of electromagnetic waves and classical plasmas technical report, 3 jun. 1963 - 15 nov. 1964	1965
19670088757	Proceedings of the first symposium on infrared sensors for spacecraft guidance and control. supplement i - performance of horizon sensor systems in earth orbit	1965
19670088758	Meters, electrical indicating, panel type, ruggedized, type designation mr36w010dcaar	1965
19670088759	Qualification of me271-0030 class i and class ii hose assemblies	1965
19670088761	Integrated approach to research on and design methods for carbon composite materials quarterly progress report, 17 may - 30 jun. 1965	1965
19670088762	Environmental test of motorola mm1011 /sm2910/ transistor,	1965
19670088763	Qualification testing of cdf pyrogen initiator, r1-162	1965
19670088764	Life testing of texas instruments 2n2222 transistor	1965
19670088765	Qualification test to establish a 70 percent confidence in the quantitative reliability of hose assembly, flexible, high and low pressure, addendum 5	1965
19670088766	Transformers, Environmental,	1965
19670088767	Check valve-high pressure	1965
19670088768	300 psi nitrogen tetroxide vapor check valve design eval./qual. tests dac scn 1a79530-505,	1965
19670088769	Pressure Supply Line Assembly - Lox Tank	1965
19670088775	Servo cable-nylon covered stainless steel reliability evaluation	1965
19670088776	Evaluation of minnesota mining 2540 insulation tape	1965
19670088778	Relay evaluation final report	1965
19670088779	Development test report for - digital to analog converter - digital test command system	1965
19670088780	Acceptance test report on fixed resistors	1965
19670088781	Evaluation of mercury relays,	1965
19670088782	C-141a fuel system components reliability test	1965
19670088783	Vibration test of pressure switch, gorn electric type gq-2712	1965
19670088785	Valve, Shutoff Final Report	1965
19670088786	Reactors, environment	1965
19670088787	Preliminary evaluation of rupture pressure effects of tfe and fep 'teflon' coating on pyrodyne, inc. p/n 4472	1965
19670088788	Life test of motorola 2n2222 transistor	1965
19670088789	Hose Assembly, Metal Flexible, Thrust Chamber Jacket Purge Dac-Scn 1A71111-503	1965
19670088790	Instruction handbook. airborne instrumentation recorder	1965
19670088791	Modifications to the prelort/verlort radar range group to provide an extended range capability	1965
19670088792	High strength aluminum alloys, fusion welding	1965
19670088793	Veeder-root n159104, 24 volt electromagnetic impulse counter	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088794	Evaluation of a Silicon Diode in a Glass Package /T. I. 1N914/	1965
19670088795	Lamp selection for brushless d. c. motors	1965
19670088796	Report of test on buord, transformer, a. f., - driver, part no. 2047215, rev. e, rev. 1	1965
19670088798	Pilot valve investigation - o-ring lubrication final report	1965
19670088799	Life test evaluation of t. i. 2n2907 /sm4854/ transistor	1965
19670088800	Electro-mechanical actuator test report	1965
19670088801	Environmental test of relays, part number 1000-77	1965
19670088802	Qualification test report for coaxial cable ace scd-50879-1	1965
19670088803	Qualification test to establish a 70-percent confidence in the quantitative reliability of hose assembly, flexible, high and low pressure. addendum 6	1965
19670088804	Chamber, fixative, storage and transfer electrically initiated pyrotechnically activated	1965
19670088806	Detonating fuse installation test saturn ib qualification test dac scn 1a93438-503 and 7865742-1	1965
19670088807	Report of test on hughes aircraft company inductors type 873783	1965
19670088809	Design verification test report for at14c-51x, valve latching, nitrogen tetroxide at14c-71x valve, latching hydrazine/udmh or mmh	1965
19670088810	Qualification test report-burst disc relief valve	1965
19670088811	Development test report for receiver decoder/ base plate enclosure and command stimuli set enclosure	1965
19670088812	Starting characteristics of the no. 3 system electric motor pumps at - 65 f, p/n 3h90001	1965
19670088813	Environmental evaluation of wheller 40 z 20104 choke	1965
19670088814	Qualification test report transducer temperature	1965
19670088815	Reefing Line Cutter, Mechanically Initiated	1965
19670088820	Environmental evaluation of sprague jn17-2942a1 r. f. i. filter	1965
19670088821	Tank relief valve vibration and shock tests dac scn 49590-503	1965
19670088822	Evaluation of band pass filters final report	1965
19670088825	A selected bibliography on microelectronic integrated circuits, supplement 1	1965
19670088826	Qualification of crystal, quartz, band pass filtering	1965
19670088827	Repairability test report hydraulically operated transfer valve, p/n 369565-1	1965
19670088828	Preliminary reliability evaluation of germanium transistors /t. i. ga2072 equal to 2n466/	1965
19670088829	Acceptance test report on fixed resistors	1965
19670088830	Engineering evaluation test report on resistor, variable, linear, precision	1965
19670088831	Evaluation of light-weight insulation systems	1965
19670088832	A selected annotated bibliography on the field of laser technology, 1962 - august 1965	1965
19670088833	Cdf pyrogen initiator qualification test data	1965
19670088835	Apl geodetic satellite project /anna/ status report, oct. - dec. 1965	1965
19670088836	Environmental evaluation of the texas instrument diode ug-594	1965
19670088838	Evaluation of cannon micro-d series connectors for space ground link subsystem	1965
19670088839	Radiative lifetime of the first 2p3/2 state of ionized calcium and magnesium by the hanle effect	1965
19670088840	Qualification tests on batteries, dry, ba-413/u	1965
19670088841	Component parts evaluation report on hardware, terminations, wire	1965
19670088844	Development test report for conventional and latching relay modules for digital test command system	1965
19670088845	Check valve, helium injection	1965
19670088846	Connector Electrical, Special Purpose Spacecraft	1965
19670088848	Transformers, Power Isolation, Enclosed /not Hermetically Sealed/, 3-30kc,	1965
19670088849	Transmitter, Pressure, Very Low Range Dc/dc	1965
19670088850	Bipolar, operation of sprague's type 350d 564x9050,	1965
19670088851	Qualification Test of Linear Wirewound Potentiometer. Dac Scn 1a97532-1, 501, -503 and -505	1965
19670088852	Qualification Test of the 3000 Psig Pushbutton Regulator, Dac Scn 1a67241-1	1965
19670088855	Qualification for military use, resistor, variable, wirewound, single turn, precision	1965
19670088856	Tropical service life of electronic components /actual use conditions/.	1965
19670088857	Helium Injection Check Valve Qualification for Liquid Hydrogen Service	1965
19670088858	Potentiometer, Piston Position, Hydraulic Reservoir, Qualification Test Dac Scn 1A78153-501	1965
19670088859	Evaluation of a silicon rectifier in a top hat package /t. i. in 538/	1965
19670088860	Study of force model simplifications on prediction accuracy as applied to a particular autonomous navigation scheme for mol	1965
19670088861	Test report - pressure cartridge assembly	1965
19670088862	Qualification Test of 2 Inch Duct Flexible Section Dac Scn 1a49967-501	1965
19670088863	Qualification tests on itt cannon electric rxm connectors	1965
19670088864	Transformers, Environmental	1965
19670088866	Transformers, Life	1965
19670088867	Development Test Report, Pressure Cartridge Assembly	1965
19670088868	Environmental test of general electric 2n929 'blue glass flat pack' transistor	1965
19670088869	Connector, Special Application, Apollo Final Specification	1965
19670088870	Signal conditioner power converter pvr 201 breadboard test report	1965
19670088872	Helium injection check valve qualification for liquid oxygen service	1965
19670088876	Qualification of crystal, quartz	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088878	Cable, multiconductor, flexible, silicone rubber insulated, flex life test	1965
19670088881	Transistor "shelf-life" degradation and purple plague, pt4-7059	1965
19670088906	Scramjet flight test program monthly letter progress report, jul. 1965	1965
19670088907	The collapse process and applications of the end-initiated linear shaped charge	1965
19670088908	Dual mode scramjet monthly letter progress report, aug. 1965	1965
19670088909	Monthly progress letter no. 7, august 1 through august 31, 1965	1965
19670088920	Lance flight evaluation report number 6	1965
19670088922	Gemini atlas-agera target vehicle pad safety report for the slv-3, agena d model 37205 and target docking adapter at launch complex 14, ckafs	1965
19670088924	Dale's resistor type rh5-10r005f. resistors, fixed, wire-wound, power, metal encased, 2-10 watts	1965
19670088925	Qualification Test to Establish a 70 Percent Confidence in the Quantitative Reliability of Hose Assemblies, Flexible, High and Low Pressure	1965
19670088926	Supplementary report of qualification tests - itt cannon electric dpkb connectors with modified plating process	1965
19670088928	Engineering evaluation test report on resistor, variable, linear, precision	1965
19670088929	Tropical service life of electronic components /actual use conditions/	1965
19670088931	High temperature metallic oxidation - ii. isothermal reaction in oxygen	1965
19670088932	Sodeco tcef4e.25 electromagnetic impulse counter	1965
19670088934	Engineering evaluation test report on gear assembly, speed decreaser	1965
19670088935	Inductor, controlled on amplifiers, magnetic	1965
19670088936	Engineering evaluation test report on resistor, variable, linear precision	1965
19670088937	Engineering flight test detailed program for evaluation of a radar altimeter for the c-141a airplane	1965
19670088938	Evaluation of furane plastics, inc. epocast 108 silicone rubber	1965
19670088939	Evaluation and correlation testing of controlled inductors	1965
19670088942	Off-limits test results helium pressure regulators	1965
19670088952	Integrated approach to research on and design methods for carbon composite materials quarterly progress report, 1 oct. - 31 dec. 1965	1965
19670088954	Array gain when the interfering noise is non-uniform and correlated over the array	1965
19670088956	Capacitor Evaluation - Performance When Subjected to High Frequency Currents up to One-half Ampere	1965
19670088957	Helium tank /5/8 in./ fill disconnect	1965
19670088958	Qualification Testing of Vibration Damping Mounts	1965
19670088959	Crystal, quartz, general requirements for final specification	1965
19670088974	Cdf Pyrogen Initiator - Model R1-162 Development Test Report	1965
19670088975	Transformers, environmental	1965
19670088976	Capacitors, fixed, tantalum, solid, molded, lead mount. characteristics of sprague's d22759, d22760, d22761	1965
19670088978	Evaluation temperature coefficient. resistors, fixed, metal film, precision, molded or dipped, .25-.50 watt	1965
19670088983	Mass flow sensors - rec models 124b and 124c	1965
19670088984	Semiconductor devices qualification tests to msfc 50m03501a specification	1965
19670088985	Report of test on service module jettison controller /smjc/ no. 1	1965
19670088992	Pmp 05vc-10 pump-motor package	1965
19670088993	Qualification test report connector, coaxial, rf male push-on	1965
19670088994	Manual Metering Valve, Valves-gas, Noc, 100-1000 Psig, Shutoff, Poppet, Manual	1965
19670088996	Hf communication effects - prediction of propagation parameters affecting error rate final report	1965
19670088997	Engineering evaluation test report. relay, rotary	1965
19670088999	Report of test on fairchild 2n2484 /date code 443/ silicon transistors	1965
19670089044	Acceptance Checkout Equipment-Spacecraft ground station description manual	1965
19670089045	Apollo bench maintenance ground support equipment manual - Supplement A, volume I	1965
19670089049	Apollo Command Module - Guidance and navigation system manual, volume I	1965
19670089050	Apollo bench maintenance ground support equipment manual - Supplement A, volume II	1965
19670089051	Apollo Command Module - Guidance and navigation system manual, volume II	1965
19670089052	Apollo bench maintenance ground support equipment manual, volume III	1965
19670089054	Apollo bench maintenance ground support equipment manual, volume I	1965
19670089057	Apollo technical manual - Crew provisions	1965
19670089060	Lunar Excursion Module support manual - Propellant loading control assembly, part no. LDW 430-64420-1, part no. LDW 430-64420-3	1965
19670089063	Lunar excursion module. Helium pressurization control station, part no. LDW410-64580 Support manual	1965
19670089075	Remote Operated Liquid Level Gage NASA SUPPORT Manual	1965
19670089111	Ascent-descent ullage simulation cart, part no. LDW430-62160	1965
19670089127	AGC Test Set - Apollo Guidance and Navigation Connections Manual, Volume III	1965
19670089130	Lunar Excursion Module Support Manual Propulsion Subsystem Checkout Station, Part Number LDW 410-62850	1965
19670089131	Lunar Excursion Module Support Manual Description of LEM Test Article LTA-10	1965
19670089132	Lunar Excursion Module Support Manual, Helium Pressure Distribution Unit, Part No. LDW430-64220-1	1965
19670089136	Lunar Excursion Module Support Manual, Helium Components Test Stand, Part Number LDW 430-62110	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089138	Lunar Excursion Module Support Manual, Transportation and Handling for Lem Test Article LTA-2	1965
19670089140	Familiarization Manual: Acceptance checkout equipment-spacecraft	1965
19670089141	Propulsion Systems Checkout Cart, Part No. LDW430-62180	1965
19670089151	Instruction Manuals for GaAs Laser Modulators and Transmitters	1965
19670089152	Ascent/descent Propellant Section Checkout Assembly, Part No. LDW430-62170	1965
19670089157	Lunar Excursion Module support manual, propellant loading control assembly, part number LDW 430-64420-9, part number LDW-430-64420-15	1965
19670089164	Lunar Excursion Module. Facility Propellant Control Station, Part No. LDW410-64660-1, LDW410-64660-3 Support Manual	1965
19670089167	Lunar excursion module. Helium distribution unit controller, part no. LDW410-64018 SUPPORT manual	1965
19670089168	Lunar excursion module. Description of LEM test article LTA-2 Support manual	1965
19670089172	Lunar Excursion Module. Weigh Tank Calibration Unit, Part No. LDW430-6100 SUPPORT Manual	1965
19670089222	Installation manual, Saturn V, S-IC stage service arms, launch complex 39, volume I	1965
19670089238	Lunar excursion module. Vehicle ground power supply, part no. LDN410-82140 Support manual	1965
19670089256	AGC test set - Apollo guidance and navigation connections manual, volume I	1965
19670089264	Quality audit handbook	1965
19670089266	Apollo Instrumentation Manual for Apollo Mission A-003 Boilerplate 22 Spacecraft and Little Joe II Launch Vehicle 12-51-2 NASA Program Apollo Working Paper No. 1165	1965
19670089302	Structural test to determine effect of space environment on nylon Final report	1965
19670089303	Semiconductor Devices, Qualification Tests, General Specification	1965
19670089304	A study of sub-optimal control laws	1965
19670089307	Apollo/saturn v - launch complex 39 gse installation, assembly, and test plan	1965
19670089308	Waveform Evaluation of Electric Detonator, Exploding Bridgewire Type. Dac Scn 7865742-1	1965
19670089309	The Environmental Characteristics of Sprague's Type D22759, 22760, 22761	1965
19670089310	Evaluation test, ceramic capacitors tubular and flat final report	1965
19670089311	Saturn II Linear Shaped Charge Separation Assembly	1965
19670089313	One-ampere, One-watt, No-fire Demonstration of the Electric Detonator, Exploding Bridgewire Type	1965
19670089314	Wave form evaluation of the electric initiator, exploding bridgewire type, aerojet-general model agx 2008	1965
19670089317	Cartridge Assembly, Pressure, Explosive Train Initiated	1965
19670089318	Electrical circuit interrupter, pyrotechnically operated	1965
19670089319	Reactors, Environment	1965
19670089320	Component part evaluation report on relay, 1-5 amp, hermetically sealed, 1-30 vdc, power, dpst	1965
19670089333	Resistor, fixed wirewound, silicone coated with sleeve	1965
19670089334	Life Test of Texas Instruments' 2N914 "Blue Glass Flat Pack" Transistor	1965
19670089335	Qualification test of component oven douglas specification control number 1A59564-1, general test plan item number V-15, model no. Saturn S-IVB	1965
19670089337	Wave form evaluation of the electric initiator expoding bridgewire type, aerojet-general model agx-2013 model no. saturn s-iv	1965
19670089338	Effects of fuel burnup on reactivity and reactivity coefficients in Yankee Core I	1965
19670089339	Evaluation of gamma activity distributions in Yankee Core I and Core II spent fuel	1965
19670089340	Experimentally determined burnup and spent fuel composition of Yankee Core I	1965
19670089346	Connector life-aging exploratory test	1965
19670089348	Charge, explosive train	1965
19670089363	Lem cabin controls initial preparation procedure	1965
19670089390	D/s pressurization and propellant feed section - leak check	1965
19670089553	Gemini vii flight test data, ephemeris and b & l, book v	1965
19670089564	Gemini vii flight test data, ephemeris and b & l, book iv	1965
19670089591	Radioisotope applications in space program /poodle/, phase a. volume i - thruster and capsule technology final report	1965
19670089592	Radioisotope applications in space program /poodle/, phase a. volume ii - propulsion subsystem final report	1965
19670089593	Collected reprints, volume 4, 1965	1965
19670089596	Integrated approach to research on and design methods for carbon composite materials	1965
19670089627	Orbital research laboratory /orl/ launch requirements study. phase iv, part ii of advanced launch facilities studies, volume ii final report	1965
19670089628	Orbital research laboratory /orl/ launch requirements study. phase iv, part ii of advanced launch facilities studies, volume i final report	1965
19670089631	A review of external burning ramjets	1965
19670089632	Development of a 25 mm image intensifier tube final technical report, jun. 1964 - mar. 1965	1965
19670089638	Variable Bandwidth Spectral Computations	1965
19670089646	Research and development of spray chemical milling process for aluminum alloys	1965
19670089674	Gemini VII Flight Test Data. Ephemeris and B and L, Book I	1965
19670089675	Gemini VII Flight Test Data. Ephemeris and B and L, Book II	1965
19670089693	No title status and progress report, nov. 1965	1965
19670089704	Gemini VII Flight Test Data, Ephemeris and B & L, Book III	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089705	Gemini vii flight test data, ephemeris and b & l, book vi	1965
19670089706	Specification for the operating system for the saturn ib launch computer complex	1965
19670089710	Catalog of guidance and control systems tests	1965
19670089718	Far infrared spectra of silicate minerals quarterly status report	1965
19670089721	Load life characteristics of keystone's type al3013-194.9-77-s1, thermal resistor	1965
19670089747	Ax-tnt, a code for the investigation of reactor excursions and blast waves from a spherical charge	1965
19670089752	Fundamental gas laser research final technical report, oct. 1964 - oct. 1965	1965
19670089755	Satellite /rts-1/ mass property control plan	1965
19670089756	Sst phase iic monthly technical progress letter report	1965
19670089758	Sst phase iic monthly technical progress letter report	1965
19670089759	Satellite test plan for rts-1	1965
19670089773	Influence of acoustical disturbances in the suction ducting system on the laminar flow control characteristics of a 33deg swept suction wing	1965
19670089774	Investigation of the application of visioplasticity methods of analysis to metal deformation processing progress report, 1 jun. - 31 aug. 1965	1965
19670089775	The modular construction of dispersive doppler receivers	1965
19670089779	Thrust vector control station support manual	1965
19670089781	Manual of operating instructions. newtonian impact analysis computer program	1965
19670089782	Effects of initial profile in the laminar mixing layer	1965
19670089786	Preliminary investigation of underwater spark phenomena in a small pressure vessel. part ii - bubble photography	1965
19670089791	Static qualification test of orbital equipment section final report	1965
19670089792	The effect of knowledge of errors of judgment of distance in photographs on succeeding judgments of distance in the scene depicted	1965
19670089793	Exploratory investigation of glass-metal composite fibers bimonthly summary progress report, 14 oct. - 13 dec. 1964	1965
19670089802	Laser host materials final technical report, 24 sep. 1964 - 15 sep. 1965	1965
19670089804	Static structural qualification test of aft solar array arm assembly final report	1965
19670089805	Infrared image converter final report	1965
19670089831	Program 461 /rts-1/ electromagnetic interference control plan	1965
19670089834	System test plan. gemini atlas agena target vehicle system	1965
19670089835	Preliminary results of beryllium and magnesium panel acoustic tests	1965
19670089843	Qualification test of type 1 quantizer, lmsc-1363059-525 final report	1965
19670089849	Lockheed/convair/mcdonnell gemini atlas agena target vehicle master rfi procedure	1965
19670089850	Lockheed/convair/mcdonnell gemini atlas agena target vehicle master launch countdown	1965
19670089853	Snap-50/spur frequency changer preliminary design and specification technical report, 1 dec. 1964 - 30 dec. 1965	1965
19670089856	Proceedings of the annual meeting of the working group on extraterrestrial resources	1965
19670089857	Mining and processing subgroup 1965 annual progress report	1965
19670089858	Subgroup on logistics requirements 1965 annual report	1965
19670089859	Biotechnology subgroup 1965 annual report	1965
19670089860	Transient lunar events - possible causes	1965
19670089861	Geometry of backscattering surfaces as applied to the moon	1965
19670089862	Evidence for lunar ignimbrites	1965
19670089863	Scientific missions for a lunar base	1965
19670089864	Chemical bonding and shear strength of silicate systems under lunar conditions	1965
19670089865	Lunar water resources	1965
19670089866	A note on petrologic processes and lunar logistics	1965
19670089867	Cryogenic storage on the moon	1965
19670089868	Lunar geothermal power - some problems and potentials	1965
19670089869	A preliminary logistics burden model for the production of lunar ores	1965
19670089870	Impulse propulsion gains resulting from free retanking of propellants on various orbits and stations at the earth, the moon, mars, and venus	1965
19670089871	Economic analysis of extraterrestrial propellant manufacture in support of lunar exploration	1965
19670089872	Space transportation logistic requirements comparison utilizing lunar manufactured propellants	1965
19670089873	The role of lunar resources in post-apollo missions	1965
19670089874	The physical capabilities and logistic support requirements for man on the moon	1965
19670089875	The cost of life support in manned lunar bases	1965
19670089876	Terrestrial agriculture plant and animal research as applicable to extraterrestrial food production	1965
19670089877	Weights of enviromental-control systems	1965
19670089878	Leakage in life support systems	1965
19670089879	Project super	1965
19670089880	Research on properties of laser devices final technical report, 15 may - 15 nov. 1965	1965
19670089881	Efficient pulsed gas discharge lasers	1965
19670089882	Pulsed laser transitions in manganese vapor	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089883	A high temperature alumina discharge tube for pulsed metal vapor lasers	1965
19670089884	Collision lasers	1965
19670089885	Infrared laser oscillation in hbr and hi gas discharges	1965
19670089886	Laser oscillation in atomic c/ in hc/ gas discharges	1965
19670089887	Photodissociation of thallium bromide and cesium bromide	1965
19670089888	Dynamic optical path distortions in laser rods	1965
19670089889	End pumping of an r1 ruby laser by an r2 ruby laser	1965
19670089890	The r2 laser	1965
19670089899	The transport equation for compton scattering	1965
19670089902	Development of hydrothermal method for growing large high purity single crystals of beryllium oxide, and lead metaniobate - initiate growing single crystals of ktn progress report, 1 sep. - 30 nov. 1965	1965
19670089905	Environmental evaluation of mccooy crystal	1965
19670089932	Orbital subtenance requirements technical operating report	1965
19670089933	Research on combustion of solid propellants quarterly report, 1 dec. 1964 - 28 feb. 1965	1965
19670089935	Space - ground link subsystem	1965
19670089944	Passive correlation radar integration study	1965
19670089973	Analysis of radiant heat transfer from exhaust plume of a solid propellant rocket	1965
19670089979	Flight test for xb-70a air vehicles monthly progress report, aug. 1965	1965
19670089981	Slv-3 /standard atlas/ performance parameters/	1965
19670089987	Supersonic transport phase IIC engine development program /U/ Monthly technical progress report, Oct. 1965	1965
19670089991	VLF antenna modernization study /U/ Final engineering report	1965
19670089993	Report of the ad hoc study group on chemical propellants /U/	1965
19670089994	Supersonic transport, phase IIC engine development program /U/ Monthly technical progress report, Jul. 1965	1965
19670089995	Investigation of the supersonic through-flow compressor concept /U/ Monthly technical report, Nov. 15 - Dec. 15, 1965	1965
19670089996	Voramic thrust chamber for nozzle insert testing /U/	1965
19670089999	Guided missile propulsion /liquid/ exploratory development technical memo, oct. - dec. 1965	1965
19670090000	Cy 1965 advanced ramjets concepts monthly technical progress report, 1-30 nov. 1965	1965
19670090001	Hazard classification tests of rocket motor, sr 49-tc-1 /air 2a/	1965
19670090002	[No Title]	1965
19670090003	The interpretation of some surface field data	1965
19670090006	Bureau of naval weapons hydroballistics advisory committee annual report	1965
19670090011	Analysis of Ablative Material Erosion for the Thiokol 156-2c-1 Motor Nozzle Final Report	1965
19670090015	Asset. volume xiii - aeroelastic and dynamic experiments flight results and correlations final technical report, apr. 1961 - aug. 1965	1965
19670090019	Double stage image amplifier with fiber optic coupling	1965
19670090024	Loiter time for gemini b recovery opportunities	1965
19670090025	[No Title]	1965
19670090026	Minutes of the sixth annual review, exploratory development programs in solid propellants	1965
19670090047	Development of a supersonic transport aircraft engine phase ii-c monthly progress report, 1-30 sep. 1965	1965
19670090048	Development of a supersonic transport aircraft engine phase ii-c monthly progress report, 1-31 aug. 1965	1965
19670090049	Development of a supersonic transport aircraft engine phase ii-c monthly progress report, 1-31 jul. 1965	1965
19670090051	Development of a supersonic transport aircraft engine phase ii-c monthly progress report, 1-30 nov. 1965	1965
19670090052	Development of a supersonic transport aircraft engine phase ii-c monthly progress report, 1-31 oct. 1965	1965
19670090053	Supersonic transport phase iic engine development program monthly technical progress letter report, aug. 1965	1965
19670090054	Supersonic transport phase iic engine development program monthly technical progress letter report, sep. 1965	1965
19670090056	Supersonic transport phase iic engine development program monthly technical progress letter report, nov. 1965	1965
19670090075	Bismuth conversion study	1965
19670090083	Reactor thermoelectric system for air force program	1965
19670090098	Weapon system 133a. program progress production motors stage i minuteman status progress report, 1 oct. - 31 dec. 1965	1965
19670090101	Life test evaluation of fairchild integrated circuits for the lunar orbiter satellite final report	1965
19670090107	The diffusion and combustion of hydrocarbon fuels in a supersonic air stream	1965
19670090109	Dual mode scramjet monthly letter progress report, jul. 1965	1965
19670090121	Evaluation of inertial gyroscope static float balancing techniques	1965
19670090134	Chemistry department monthly report, november 1965	1965
19670090138	Chemistry department monthly report, oct. 1965	1965
19670090152	Interpretation and usage of seismic data, long-range seismic measurements program	1965
19670090154	Development of a 425 foot diameter passive communication satellite with self-erecting properties quarterly progress report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090167	Zero mass-shift passive damper for the reduction of precession in a rotating space vehicle	1965
19670090173	Development of a sub-surface drill system for post-apollo missions monthly progress report, 29 jul. - 31 aug. 1965	1965
19670090176	Development of a sub-surface drill system for post-apollo missions monthly progress report, oct. 1-31, 1965	1965
19670090181	Lockheed/convair/mcdonnell gemini atlas agena target vehicle master j-fact countdown	1965
19670090183	Research on energy transfer problems in superconductors and flowing plasmas quarterly progress report, 1 jul. - 30 sep. 1965	1965
19670090184	Weapon system 133a. program progress stage i minuteman production motors progress status report, 1 jul. - 30 sep. 1965	1965
19670090190	Ground based magnetic tape recorder. volume i - operation and maintenance instructions	1965
19670090191	The scattering by a paraboloid of revolution due to an interior axial point source	1965
19670090192	Standardizing investigations of the damage control aspects of advanced packaged liquid propulsion system	1965
19670090204	Air force eastern test range telemetry system	1965
19670090229	Development of a sub-surface drill system for post-apollo missions interim report	1965
19670090230	Titan ii- augmented engine improvement program final report	1965
19670090232	A study of plasma turbulence bi-monthly progress report no. 6, 1 jul. - 31 aug. 1965	1965
19670090233	Development of a subsurface lunar drill for post-apollo mission monthly progress report	1965
19670090252	Gemini agena target vehicle program progress report, nov. 1965	1965
19670090278	On the origin of the magnetoelectric effect of cr ₂ o ₃	1965
19670090283	Telemetry analysis /lance round no. 4/	1965
19670090289	Development of material resistant to high- intensity thermal radiation final report, 20 jul. 1964 - 31 oct. 1965	1965
19670090300	The simulation of helicopter motion and avionics systems final report	1965
19670090311	Gemini agena target vehicle progress report for jun. 1965	1965
19670090312	Gemini agena target vehicle progress report for may 1965	1965
19670090314	Gemini agena target vehicle reliability program status report no. 2	1965
19670090321	Gemini agena target vehicle progress report for apr. 1965	1965
19670090322	Gemini Agena Target Vehicle	1965
19670090323	Supersonic transport program, phase 11c monthly technical progress letter report	1965
19670090324	Pre test report for mach 2.0 tapered swept wing	1965
19670090325	Summer anomalies of ice forming nuclei in the atmosphere final report	1965
19670090327	Propellant performance handbook. volume i - a theoretical performance comparison study of six high energy liquid propellants	1965
19670090334	Type 13 multiplexer qualification test. lmsc 1363058-519 final report	1965
19670090335	Standard agena vehicle refurbishment report	1965
19670090343	Cryogenic forming of flight weight experimental solid propellant rocket cases final report, jun. 1962 - jun. 1965	1965
19670090345	A model for strain-electronic coupling in batio ₃	1965
19670090348	History of gemini/titan launch vehicle-7 at etr	1965
19670090360	Canadian materials newsletter no. 23	1965
19670090368	Compatibility of army arctic clothing, footwear and handwear during simulated arctic operational test of lance missile system	1965
19670090372	Runway flotation characteristics of the boeing supersonic transport model 733-390	1965
19670090382	Development of an operational induction flowmeter for liquid hydrogen quarterly progress report	1965
19670090385	A study of the use of vapor and vacuum techniques for the development of high strength filamentary materials quarterly report, 23 aug. - 21 nov. 1965	1965
19670090416	System test objectives. gemini atlas agena target vehicle system /gemini vi/	1965
19670090417	Development engineering division progress report, april 1 - june 30, 1965	1965
19670090418	Commutator requalification support engineering, program plan 213, report	1965
19670090419	Hardware audit of aft safe/arm box	1965
19670090435	Laboratory studies in air-to-ground target recognition. iv - the effect of tv display freeze	1965
19670090447	Gemini agena target vehicle program progress report, aug. 1965	1965
19670090448	Gemini agena target vehicle program progress report, oct. 1965	1965
19670090449	Gemini agena target vehicle program progress report for jul. 1965	1965
19670090459	Design principles and practices for controlling hazards of electromagnetic radiation to ordnance /tero design guide/	1965
19670090463	Asee-nasa summer faculty fellowship program final report, 14 jun. - 20 aug. 1965	1965
19670090470	Two-phase flow and boiling heat transfer quarterly report, jul. - sep. 1965	1965
19670090471	A study of impact effects on spherical shells quarterly progress report no. 7, 1 may - 31 jul. 1965	1965
19670090472	Physics and instruments department monthly report, may 1965	1965
19670090474	Physics and instruments department monthly report, february 1965	1965
19670090480	Development of a sub-surface drill system for post-apollo missions monthly progress report	1965
19670090485	Frequency doubling in visual responses interim technical report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090486	Laboratory studies in air-to-ground target recognition vii. further research on the effect of tv display freeze	1965
19670090490	Development of a sub-surface drill system for post-apollo missions monthly progress report	1965
19670090491	Development of a subsurface lunar drill for post-apollo mission monthly progress report, nov. 1965	1965
19670090492	Development of a subsurface lunar drill for post-apollo mission monthly progress report, dec. 1965	1965
19670090501	Code-an ibm-7094 program for writing circuit matrix equations, volume iii	1965
19670090502	A21a/114 surveyor main retro rocket engine design review data, appendix c, nozzle analyses, part 2	1965
19670090510	Technical characteristics television equipment. volume i - picture generation and display equipment	1965
19670090520	Compatibility of army arctic clothing, footwear and handwear during contractors cold chamber tests of the tow launcher and guidance systems	1965
19670090532	Technical characteristics television equipment. volume ii - signal distribution and auxiliary equipment	1965
19670090547	Qualification of Units for Use on the Apollo Program: Resistor, Fixed, Metal Film Precision, Molded or Dipped., 10-.125 Watt	1965
19670090548	Results of exposure of a threshold detector circuit to a flash x-ray environment	1965
19670090553	Pcm telemetry equipment environmental tests 960b-1m, s/n d5	1965
19670090556	Qualification of units for use on the apollo program. resistor, fixed, composition, molded or dipped, .10-.125 watt final report, 24 feb. - 29 apr. 1965	1965
19670090557	Eclipse predictions and observations for the vela spacecraft	1965
19670090558	Prediction of reaction control effectiveness at supersonic and hypersonic speeds final report	1965
19670090561	Digital pressure transducer technical report, 1 jul. - 1 sep. 1965 on phase i	1965
19670090566	Fracture micromechanics of fe-ni-co and other alloys quarterly progress report, 1 jul. - 1 oct. 1965	1965
19670090572	Qualification of units for use on the apollo program. capacitors, fixed, tantalum foil, hermetically sealed, lead mount final report, 15 dec. 1964 - 10 aug. 1965	1965
19670090580	Results of exposure of a threshold detector circuit to a flash x-ray environment	1965
19670090582	On the isomer shift anomaly at the curie temperature of iron	1965
19670090583	A report on some new applications of permanent magnets at the weizmann institute of science	1965
19670090585	Laser output coupler final technical report, jan. - dec. 1965	1965
19670090594	Qualification Tests on Corning Type TY06-561J Capacitors	1965
19670090595	Qualification tests on caddock type ms 175 resistor	1965
19670090596	Qualification Tests on Allen Bradley Type RV4LAYSD5-05A Variable Resistors	1965
19670090598	Evaluation tests on r.f. transformers manufactures type 170-369	1965
19670090601	Qualification test of helium fill disconnect assembly. dac scn 7851823 -503 and -505	1965
19670090603	Evaluation of the units during and/or after the specified environments. semiconductor, diode, fast switching, silicon final report 18 jan. - 10 aug. 1965	1965
19670090611	Qualification of the Units During and/or After the Specified Environments. Resistor, Fixed Composition, Molded or Dipped.25 -.50 Watt Final Report, 1 Mar. - 30 Apr. 1965	1965
19670090635	Theory of hbt measurements of reentry wakes	1965
19670090648	Quality reassurance test of 3 magnetic latch- ing, crystal can relays, motorola part no. 80- 25800a01, c. p. clare, type lf.	1965
19670090649	Digital computations of temperature in retinal burn problems	1965
19670090650	Qualification test of fuel tank pre-pressuriz- ation disconnect assembly dac scn 7851861-1 and -501	1965
19670090651	Qualification test lo2 tank pressurization helium storage sphere. dac scn 1a48858-1 and 7851834	1965
19670090653	Basic shapes for aerospace structures phase i- feasibility study	1965
19670090659	Evaluative test of 36 allen-bradley type cbd /1/8 watt/ and type ebd /1/4 watt/ fixed composition resistors with nickel alloy terminal leads	1965
19670090660	Evaluative test of 36 teflon-insulated feed- thru terminals /29-15106a02/	1965
19670090661	Comparison of penetrant and x-ray for detection of weld surface cracks	1965
19670090669	Micrometeoroid capacitance sensor suspension test report	1965
19670090673	Design engineering division progress report, 1 apr. - 30 jun. 1965	1965
19670090674	Investigations on the direct conversion of nuclear fission energy to electrical energy in a plasma diode annual report, 1 nov. 1964- 31 oct. 1965	1965
19670090675	The apl resistance welder	1965
19670090686	Evaluation test report, precision potentio- meter, ac, non-linear, beckman instruments, inc., helipot division, fullerton, california	1965
19670090687	Qualification test program, scintilla connector receptacle, p/n pt07a-1626s-005 op/n 10580440-1	1965
19670090702	Qualification Test of Helium Storage Sphere DAC SCN 1A49963-1	1965
19670090704	Qualification test of 3000 psig hand valve dac scn 1a66603-501	1965
19670090716	Instruments, voltage, action, audio component evaluation report	1965
19670090722	Relay, 1/2 - 1 amp, unclosed, 48 vdc, armature type, multiple pole component evaluation report	1965
19670090723	Phillips advanced control co. p/n mv 7270, op/n 10588811-1a qualification test program	1965
19670090724	Airport compatibility analysis phase ii-c boeing model 733 - supersonic transport. summary of fifteenth united states international airports	1965
19670090727	Sst program phase ii-c model I-2000 supersonic transport airport compatibility study /preliminary/	1965
19670090728	Evaluation tests, triad output - isolation transformer	1965
19670090731	Qualification test of cold helium metal hose assemblies	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090738	Preliminary tests of six couch ordnance, inc., type a10353153491 relays	1965
19670090739	Evaluative test of 11 variable wirewound resistors. motorola no. 218-42207 /buord 2155849/ as supplied by clarostat, maurey, spectrol and waters	1965
19670090743	Low-level and overload tests of 17 half-size relays supplied by sigma, general electric, and struthers-dunn	1965
19670090754	Environmental evaluation of two status indicators	1965
19670090760	Application of laminar flow control technology to optimum supersonic cruise progress report, 15 feb. - 15 apr. 1965	1965
19670090763	A computational procedure for the finite difference solution of one-dimensional heat conduction problems with surface recession	1965
19670090766	Development of physical methods of fuel analysis semiannual technical report, oct. 1964 - feb. 1965	1965
19670090769	Modification and application of gelatin for rigidization of expandable honeycomb structures monthly progress report, 22 jan. - 22 feb. 1965	1965
19670090771	Pershing qualification test report, transitron electronic corp., stabistor type sv 3145, ord. dwg. no. 10588878-1	1965
19670090815	An/tsq-51 v equipment description	1965
19670090848	Wing system 133a. flight-test firing of second-stage wing vi minuteman motor 52ftm-451 final report	1965
19670090849	Flight-test firing of second-stage wing vi minuteman motor 52ftm-452 final report	1965
19670090850	[No Title]	1965
19670090852	Feasibility study on high performance, short duration power batteries final technical progress report, 15 jun. 1962 - 14 jul. 1965	1965
19670090855	An/tsq-51 // /v/ operational description	1965
19670090882	Evaluation study - sigma series 34 relay	1965
19670090917	Pershing qualification test report, texas inst., inc., power reg. /zener/ diode type 1n1823a, ord. dwg. no. 10611706,	1965
19670090919	An air fluorescence behavior model	1965
19670090921	Accumulator, reservoir, manifold assembly, hydraulic	1965
19670090932	Bench and special test on hf transceiver equipment for the apollo c and d subsystem	1965
19670090933	Vacuum test on vhf recovery beacon for the apollo c and d subsystem	1965
19670090937	Qualification test on precision type tx093 resistors, fixed, wirewound	1965
19670090946	Vlf field strength predictions for selected transmission paths	1965
19670090950	Arctic troop tests of type 6tnc nickel-cadmium batteries final report	1965
19670090958	Geologic report on drill hole vella, nevada test site	1965
19670090969	Voltage regulation and conversion in unconventional electrical generator systems quarterly progress report	1965
19670090977	Initiation of explosives by exploding wires viii. survey to determine explosives capable of initiation at moderate voltage levels	1965
19670090978	Instruction manual nd-307 and nd-307a optikon	1965
19670090986	Interplanetary mission support requirements study, mid-study report	1965
19670090994	Report of test on battery, manually activated map 4227	1965
19670090995	Report of test on battery manually activated map 4182-5	1965
19670091015	Engineering evaluation tests of a wing vi lceb pre-prototype liquid spring shock isolator test report	1965
19670091018	Pcm 960b-1m telemetry equipment s/n 07120070012 and 071200080012 electromagnetic	1965
19670091024	Equilibrium purging of nrc-2 insulation inside a mylar bag with leaks	1965
19670091035	Frequency pressure transducer evaluation	1965
19670091037	Cord, flexible coil, portable final specification	1965
19670091044	Evaluation of the units during and/or after the specified environments. semiconductors, diodes, fast switching, silicon, final report, 12 jan. - 10 aug. 1965	1965
19670091060	Parameter drift screening test of fixed, metal film, precision /mil-r-10509/, molded or dipped, .25 watt	1965
19670091065	Navy preliminary evaluation of the ch-53a helicopter final report	1965
19670091066	Qualification test of the low pressure bellows assemblies. dac scn 1a89601-1, -501 and -503	1965
19670091068	Experimental study of thin foil vibrations	1965
19670091069	Snap 10a flight vehicle nuclear environment and radiation effects	1965
19670091071	A visual display system suitable for time shared use final report	1965
19670091074	The electroretinographic response to weak stimuli of large subtense	1965
19670091075	Is there a viewing distance for a photograph which yields optimal perception	1965
19670091077	GATV Design Certification Presentation for GTA-6 Mission	1965
19670091079	Automatic speech recognition	1965
19670091107	Saturn v maximum aerodynamic heating trajectory	1965
19670091109	A theoretical investigation of liquid "b"	1965
19670091118	Nrx-a3 reactor final test report, 7 apr. - 28 may 1965	1965
19670091119	Nrx-a3 final report	1965
19670091120	Fission product release from nerva fuel during post irradiation thermal anneals and during the nrx-a2 test interim report	1965
19670091121	Phase iii deployment investigation of full scale sailwing models	1965
19670091131	Agema project monthly progress report, for jul. 1965	1965
19670091138	Analytic studies for a high resolution fm radar exciter development	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091166	A study report on research of basic parameters for optimization of hydra vehicles, volume i - technical	1965
19670091167	A study report on research of basic parameters for optimization of hydra vehicles, volume ii - appendices	1965
19670091181	Calculations used to determine the best possible method for the measurement of the velocity of light quarterly progress report	1965
19670091193	Evaluation tests on power transformers, manufactures type 130-893	1965
19670091198	Evaluation tests on power transformers, manufactures type 130-994	1965
19670091199	Evaluation tests on isolators manufacturers type 170-816	1965
19670091200	Qualification tests on paint finish for aluminum	1965
19670091201	Test report for mk-46 torpedo components	1965
19670091205	Measurement of radio wave scattering by precipitation and aircraft quarterly progress report, 1 oct. - 31 dec. 1965	1965
19670091210	Submicron particle classifier applicable for airborne virus collection final report	1965
19670091226	Two pdt 28 vdc general purpose relay vibration and shock tests dac scn 1a67747-1 technical memo, 30 jan. - 4 mar. 1965	1965
19670091227	Capacitor, solid electrolyte, tantalum /micro- element/, mil-c-55186/el/	1965
19670091237	The culture collection of the department for microbial genetics. ii. thermosensitive mutants of escherichia coli	1965
19670091252	Qualification tests on filter bandpass, cmc/cgp-170-984	1965
19670091287	Report of test on insulator, strain, dap p/n 14810, lac p/n 697391-3	1965
19670091288	Visco-plastic solution of hypervelocity impact by low-density heterogeneous projectiles monthly progress report, 14 feb. - 13 mar. 1965	1965
19670091289	Visco-plastic solution of hypervelocity impact by low-density heterogeneous projectiles monthly progress report, 14 apr. - 13 may 1965	1965
19670091293	Qualification test report for wet primary battery, dac sch 1a59741-1	1965
19670091297	Cord, flexible coil, portable	1965
19670091298	Check valve assembly - series - parallel, size 16, helium - aerazine 50	1965
19670091324	Reliability verification test procedure to verify buweps pn 1960916-9903c1	1965
19670091325	Engineering evaluation of fairchild transistors, npn, silicon, switching	1965
19670091331	Reliability verification test procedure to verify buweps pn 1960912-10sr100 and 1960912- 10s3162	1965
19670091339	Evaluation tests on power transformers manufactures type 130-991	1965
19670091363	Surveyor spacecraft a-21a model description	1965
19670091379	Shock survival test of two relay packages containing four relays	1965
19670091387	Qualification test procedure and results of dickson dr-50410b silicon diode	1965
19670091388	Qualification test procedure and results of unitrode utr 600 silicon diode	1965
19670091389	Evaluative test of 40 microminiature metal- film resistors supplied by dale, electra, irc, and ward leonard	1965
19670091402	Lo2 engine feed line assembly qualification test report	1965
19670091404	Fate design	1965
19670091407	Standard method for core nodebond delamination tests	1965
19670091411	Evaluation of texas instruments transistor, dual, npn, silicon	1965
19670091415	Environmental test results of standard circuit indicator model 80 type p	1965
19670091418	Oscillator, audio frequency, oscillators and signal generators, 0-3 kc, tuning fork	1965
19670091422	Transistor - pnp, germanium, switching, high current	1965
19670091424	Qualification of electron products type ep35186, multi-section metalized polycarbonate capacitor blocks to the requirements of motorola drawing number 208-39810 and mil-c-18312	1965
19670091429	Electro instruments, inc. model 630 digital voltmeter evaluation, may - october 1965	1965
19670091431	Qualification tests on electrical wire, type caw-14	1965
19670091442	Aiming point philosophy and optimum maneuver requirements for separating the voyager arrival dates	1965
19670091464	Cavitation damage in liquid metals progress report, 1-31 jul. 1965	1965
19670091467	Investigation of a one stage axial flow supersonic compressor. part ii - blade section performance of the blunt trailing rotor r-32	1965
19670091468	Investigation of a one stage axial flow supersonic compressor. part i. global performance of the blunt trailing edge blade rotor r 32	1965
19670091470	Fate semiannual progress report for 15 march - 30 june 1965	1965
19670091493	Vhf recover beacon equipment for apollo c and d subsystem	1965
19670091498	Resistor, fixed film, high stability /microelement/	1965
19670091499	Transistor npn silicon planar passivated	1965
19670091520	Comparison of 7075-t73 and 7079-t6 bearing strength properties, materials, metallic, ferrous, noc, mechanical aluminum, forged final report, 22 sep. - 22 oct. 1965	1965
19670091525	Pump Assembly, Hydraulic, Variable Delivery	1965
19670091532	Nuclear isotope monopropellant hydrazine engine /nimphe/	1965
19670091543	Filter, Inline	1965
19670091550	Bisbenzimidazobenzophenanthroline-dione polymers	1965
19670091551	Magnetic field measurements based on cyclotron harmonic phenomena progress report, dec. 1964	1965
19670091553	GATV Design Certification Report for GTA-6 Mission	1965
19670091556	Qualification tests on batteries dry, ba-23	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091563	Transport of medium energy electrons through the atmosphere	1965
19670091565	Connector, coaxial, bulkhead, pressurized, series hn	1965
19670091566	Electrical - receptical only, rf, connectors, captive, anorms, hermetically sealed	1965
19670091574	Switch, antenna	1965
19670091581	Solubility of nitrogen gas in propellants	1965
19670091584	Stress analysis light set, general illumination, airborne-an/avq-5/xa-1/	1965
19670091590	Evaluation tests on power transformers, manufacturers type 130-763	1965
19670091599	Cometary meteoroid distribution in the solar system	1965
19670091600	Radiation evaluation of the g657046 transistor	1965
19670091604	Test firing series project harp, may - june 1965	1965
19670091615	Project dazzle. black knight re-entry physics program final report, jul. 1962 - jun. 1965	1965
19670091616	Gemini launch vehicle no. 5 flight test pcm reduced telemetry data plots	1965
19670091617	Improved heat flux hydrocarbon fuels quarterly progress report	1965
19670091619	Supersonic transport aircraft engine. phase ii-b development program, volume 1 final report, 1 jan. - 30 jun. 1965	1965
19670091620	Supersonic transport aircraft engine. phase ii-b development program, volume 2 final report, 1 jan. - 30 jun. 1965	1965
19670091623	Supersonic transport aircraft engine. phase ii-b development program, volume iv final report, 1 jan. - 30 jun. 1965	1965
19670091624	Supersonic transport aircraft engine. phase ii-b development program, volume 3 final report, 1 jan. - 30 jun. 1965	1965
19670091671	Qualification Test on Mallory Type TMB227M100B2C Capacitors	1965
19670091672	Transistor-npn, silicon, switching final specification	1965
19670091681	Qualification testing of vishay s102 resistors	1965
19670091683	Qualification test on reon type tc-010 wirewound resistors	1965
19670091685	Propagation models for interference prediction final report, 1 may 1964 - 30 apr. 1965	1965
19670091688	Shock survival test of one relay package containing four teledyne type 421-26 relays	1965
19670091689	Time-optimal attitude control of a spinning vehicle final report	1965
19670091690	Torque-tension tests on corrosion resistant steel nuts	1965
19670091699	Vhf recovery beacon for apollo c and d subsystem	1965
19670091725	Qualification test procedure and results of unitorde utx silicon diode	1965
19670091735	Vacuum monitoring disconnect assembly vibration and shock tests dac scn 1b41065-1 and 501	1965
19670091742	Cutter, line, mechanically initiated	1965
19670091745	Qualification test report for filter, interference control, acf scd 050792	1965
19670091747	Nerva 2 class nuclear stage /module/ development using saturn v/s-ic hardware and facilities	1965
19670091748	Evaluation of texas instruments sn512 micrologic	1965
19670091750	Evaluation of siliconix 2n3378 field effect transistor	1965
19670091751	Sensor assembly, radiometer	1965
19670091752	Component data book, cable cutter assembly /comprised of an electro-explosive cartridge and a guillotine/	1965
19670091754	Shaped Charge, Linear, Boostered	1965
19670091773	Gemini Launch Vehicle Performance Report	1965
19670091774	Aerospace Report on Gemini Launch Vehicle and 624A Core Stage II Engine Altitude Performance Calculation from Sea Level Data	1965
19670091775	Glv-5 post flight evaluation report /quick look/	1965
19670091855	Qualification of the units during and/or after the specified environments	1965
19670091856	Oak mfg. co., rotary switches, type am qualification test extension	1965
19670091877	Injection system reference documents	1965
19670091915	Development of manufacturing methods for production of a wide dynamic range television pickup tube final design specification, 1 sep. - 30 nov. 1965	1965
19670091931	Performance characteristics of compound a/hydrazine propellant combination. volume 2 - task v appendix final report	1965
19670091935	Chilldown system shutoff valve vibration and shock, tests /low temperature/ dac scn 1a49965- 503	1965
19670091939	Component parts evaluation report of instruments /decoder/	1965
19670091969	Report of test on mast, antenna, dap p/n 14780, lac p/n 697391-1.	1965
19670091979	Qualification of units for use on the apollo program	1965
19670091986	Development of wideband instrumentation recorder first bimonthly progress report, 1 jul. - 31 aug. 1965	1965
19670091987	Development of wideband instrumentation recorder bimonthly engineering report no. 2, 1 sep. - 31 oct. 1965	1965
19670091997	Primary structure material selection report supersonic transport	1965
19670092000	Switches, rotary, general specification	1965
19670092006	Bounded phase coordinate control second quarterly progress report to nasa, 15 sep. - 14 dec. 1964	1965
19670092016	Nut, explosive, frangible, electrically initiated	1965
19670092018	Tank, pressure, gaseous oxygen final report	1965
19670092021	Qualification of units for use on the apollo program	1965
19670092022	Qualification of units for use on the apollo	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092059	Transonic wind tunnel tests of jet interference models of the army missile command maw and zuni missiles phase ii. volume ii technical report for mar. - may 1965	1965
19670092060	Transonic wind tunnel tests of jet interference models of the army missile command maw and zuni missile phase ii. volume i. technical report, mar. - may 1965	1965
19670092062	Analysis of a transformation computer used with a gimballess imu	1965
19670092064	Minutes of the 2nd quarterly review, /1965/ of rocket propellant supporting research held at picatinny arsenal, 20 may 1965	1965
19670092065	Study of elements for an experimental radar	1965
19670092087	Near room temperature gaas laser diodes final technical report, 14 jun. - 15 dec. 1965	1965
19670092088	Magnetic parametric amplifier development first interim technical report, 27 aug. 1964 - 30 jan. 1965	1965
19670092089	Weapon specification relays, electromechanical, armature, and latching, power and low-level switching, gen. spec. for. final specification	1965
19670092091	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670092093	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670092094	Comparison test program, capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670092095	Surveillance inspection test of capacitors, fixed, tantalum, foil, hermetically sealed, lead mount	1965
19670092099	Surveillance inspection test of resistor, fixed, composition, molded 1/4 watt	1965
19670092100	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1965
19670092101	Surveillance inspection test of semiconductor, transistors, general purpose, silicon, pnp	1965
19670092102	Surveillance inspection test of electron tube, special purpose, triode, single, receiving	1965
19670092105	Surveillance inspection test of semiconductor, diode, fast switching, silicon	1965
19670092106	Surveillance inspection test of semiconductors, diodes, voltage reference, silicon	1965
19670092107	Surveillance inspection test of electron tube, special purpose, triode, multiple, receiving	1965
19670092108	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19670092109	Surveillance inspection test of resistor, fixed, composition, molded, 1/4 watt	1965
19670092110	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19670092114	Comparison test program of capacitor, fixed, ceramic, hermetically sealed, lead mount	1965
19670092116	Surveillance inspection test of semiconductors, diodes, rectifier, silicon	1965
19670092117	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1965
19670092120	Comparison test program of resistor, fixed, wirewound, power dipped, 2.5 watts	1965
19670092121	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670092122	Surveillance inspection test of electron tubes, special purpose, triode, multiple, receiving	1965
19670092124	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, npn	1965
19670092125	Surveillance inspection test of resistors, fixed, metal film, precision, dipped, 118 watt	1965
19670092127	Surveillance inspection test of resistor, fixed, carbon film, molded 1/8 watt	1965
19670092129	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19670092140	Check valve 3/4 inch development test 1a66984-1	1965
19670092141	Oxidizer filter qualification test dac scn 1a795251	1965
19670092142	Transistor, general specification for	1965
19670092145	Resistor, general specification for	1965
19670092151	Periodic production test data on capacitor, fixed ceramic, p/n 2405697	1965
19670092153	Gaas laser diode for cw and pulsed operation supplement to final technical report, 30 sep. 1964 - 30 sep. 1965	1965
19670092154	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670092155	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670092160	Surveillance inspection test on relay less than 1/2 amp, hermetically sealed, 120 vdc, power, 6 pdt	1965
19670092161	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19670092163	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670092164	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670092165	Comparison test program of semiconductors, transistors, unijunction, silicon, pnp	1965
19670092167	Surveillance inspection test of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670092170	Surveillance inspection test of capacitor, fixed, film, metalized, hermetically sealed, lead mount	1965
19670092171	Surveillance inspection test of electron tube, special purpose, triode, single receiving	1965
19670092172	Comparison test program of resistor, fixed, composition, molded, 1/2 watt	1965
19670092173	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670092187	Phrase-structure oriented targeting query language, volume 1 final report, jan. - aug. 1965	1965
19670092188	"counterinsurgency" and research in 1970	1965
19670092195	Detailed work plan for the development of jtf 17a-20 supersonic transport aircraft engine phase ii-c report, 1 jul. 1965 - 31 dec. 1966	1965
19670092202	Fourth-stage scout rocket motor program final report	1965
19670092213	Evaluation of fairchild 2n3209 transistors	1965
19670092220	Parameter drift screening test	1965
19670092232	Floating zone melting of molybdenum	1965
19670092234	Plastic impact of cylinders on rigid targets	1965
19670092238	Lh2 vent purge check valve vibration and shock tests	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092239	Investigation of small anechoic chamber for testing vhf antennas, addendum	1965
19670092243	Antenna and radome considerations for sst weather radar /wr-002/	1965
19670092244	Collision avoidance techniques for sst /a feasibility study/ /wr-003/	1965
19670092245	Reliability and performance of inertial navigation systems for the operational time period of the sst	1965
19670092248	Qualification inspection on semiconductor, diode, controlled rectifier silicon	1965
19670092250	Personal communication electronic assembly crewman	1965
19670092252	Cargo aircraft cost model	1965
19670092268	Evaluation of Miniature Inductor Types D0-T26 and D0-T27 from the United Transformer Corporation	1965
19670092275	Reliability verification test procedure to verify buweps part number 2360391-2	1965
19670092285	Gemini agena target vehicle program progress report, dec. 1964	1965
19670092293	Component/part test data sheet	1965
19670092297	Demonstration planning and progress report, model ov-10a airplane	1965
19670092302	Aopb systems manual - r210, univac 1107 drum dump program program description	1965
19670092307	Commercial supersonic transport engine. ge4/j5 design support and integration plan	1965
19670092314	Dickson and motorola zener diodes	1965
19670092331	Qualification test of vhf multicoupler, type ii	1965
19670092332	Weapon specification transformers, reactors, and inductive and capacitive filters general specification for	1965
19670092333	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670092335	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670092359	Component parts evaluation report on hardware, terminations, wire	1965
19670092367	In457 silicon alloy diodes, evaluation of	1965
19670092371	Test of three motorola integrated circuits	1965
19670092372	Status of failure analysis of semiconductor from polaris systems	1965
19670092379	Connectors, electrical, video coaxial, miniature	1965
19670092382	Analysis of /cr-ti/-si coating chemistry and modification for the protection of columbium base alloys	1965
19670092388	Qualification test procedures and results of fairchild 2n699 transistors	1965
19670092389	Qualification test procedures and results of raytheon 2n699 transistors	1965
19670092397	Qualification Test on Fixed, Ceramic, Dielectric Capacitors, Part Number NC-82, Serial Number 1 Through 54 for International Business Machines Corp.	1965
19670092403	Reliability verification test procedure to verify buweps part no. 1960926-31w/s-005	1965
19670092410	Cold helium fill module development test	1965
19670092417	Evaluation of fairchild 2n956 transistors	1965
19670092418	Fan, vaneaxial	1965
19670092423	Environment and endurance test of 2n3646	1965
19670092426	Part-application test report on s-band power amplifier for the apollo c and d subsystem	1965
19670092430	EMI Test Report for Aeromarine Corporation Regulated D. C. Power Supply Part No. PS4-2815, S/N 5 and 6	1965
19670092431	Procedures for planning an overstress test-to- failure	1965
19670092433	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19670092441	Reliability improvement and weight reduction of the s-ic stage retro motor monthly technical progress report, 1-31 aug. 1965	1965
19670092470	Nerva nuclear rocket engine	1965
19670092505	Qualification inspection of wells electronics, inc., p/n 570-3b radio frequency inductor, buweps p/n 1643825-101 /bxm p/n 1563421-101/	1965
19670092509	Full qualification test report on semi- conductor, transistor, general purpose, npn technical memo	1965
19670092519	Substantiation of epoxy mixing and application instructions	1965
19670092537	Acceptance test report on fixed resistors	1965
19670092542	Qualification of union switch and signal dpdt half size crystal case relays	1965
19670092553	Qualification report of relay, armature, 10137211 toMIS 13038 andAMICON drawing 10137211 technical memo, 22 mar. - 17 may 1965	1965
19670092555	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670092556	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1965
19670092557	Qualification test report on semiconductors, transistor, power, silicon, pnp technical memorandum, 30 mar. - 13 may 1965	1965
19670092558	Full qualification test report on semiconductors, special types of, amplifier technical memorandum, 1 mar. - 21 apr. 1965	1965
19670092559	Qualification report of switches, electrical mechanical, noc push button, multiple pole technical memorandum, 7 may - 19 oct. 1965	1965
19670092561	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670092562	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670092563	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670092564	Comparison test program of resistor, fixed, composition, molded 1/4 watt	1965
19670092565	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, npn	1965
19670092566	Surveillance inspection test of resistor, fixed, metal film, precision, dipped, 1/2 watt	1965
19670092567	Surveillance inspection test on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092570	Surveillance inspection test of semiconductors, transistors, power, silicon, npn	1965
19670092571	Surveillance inspection test of resistor, fixed, carbon film, molded, 1/4 watt	1965
19670092572	Surveillance inspection test of electron tube, special purpose, pentode, receiving	1965
19670092577	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/8 watt	1965
19670092584	Comparison test program of resistor, fixed, metal film, precision, dipped, 1.0 watt	1965
19670092585	Comparison test program of semiconductors, diodes, zener, silicon	1965
19670092601	Surveillance inspection test of resistors, mixed, carbon film, molded, 1/8 watt	1965
19670092609	Evaluation of dow corning dc-30-079 silicone adhesive test report	1965
19670092610	Evaluation of mica corp. copper clad laminate test report	1965
19670092611	A partial trade-off analysis passenger capacity of sst oxygen system	1965
19670092617	Integrated windshield test plan	1965
19670092620	Component/part test data sheet on semicon- ductor, diode, tunnel, silicon	1965
19670092626	Surveillance inspection test of electron tube, special purpose, triode, multiple, recieving	1965
19670092628	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670092629	Vacuum exposure techniques for materials	1965
19670092634	Component/part test data sheet	1965
19670092635	Comparison test program of resistor, fixed, thermal, molded, 1/8 watts	1965
19670092636	Evaluation of the motorola in2816b silicon avalanche diode	1965
19670092639	Surveillance inspection test of electron tube, special purpose, pentode, receiving	1965
19670092640	Weapon specification - filters, bandpass and bandsuppression	1965
19670092648	Evaluation of apco 1263 polyurethane coating	1965
19670092651	Semiconductors, transistors, power, silicon, pnp	1965
19670092652	Surveillance inspection test on resistor, fixed, carbon file, molded, 1/8 watt	1965
19670092653	Polaris qualification report diodes scd 2318905, rev a. dickson electronics corp. dz41229a	1965
19670092655	A survey of sonic boom theory and practice	1965
19670092656	Preliminary tests of 1.0 in. dia. rod seals for sst hydraulic system	1965
19670092660	Evaluation of nelco 3105 copper clad laminate	1965
19670092663	Qualification test report for oscillator transformer	1965
19670092671	Comparison test program of semiconductors, diodes, rectifier, silicon	1965
19670092677	Cavitation damage in liquid metals progress report, 1-28 feb. 1965	1965
19670092678	Cavitation damage in liquid metals progress report 1-31 may 1965	1965
19670092679	Cavitation damage in liquid metals progress report, 1-30 apr. 1965	1965
19670092683	Qualification test of transformers	1965
19670092690	Reliability verification test procedure to verify buweps part nos. 1960911-21 w/s 30 r1 thru -21 w/s 3013	1965
19670092692	Method of measuring the bulk modulus loss factor of small solid specimens at frequencies between 0.5 and 20 kc	1965
19670092694	Apollo service module engine nozzle extension material and weldment dynamic test report	1965
19670092695	Comparison test program of semiconductors, diodes, zener, silicon	1965
19670092696	Semiconductor, transistor, general purpose, silicon, npn qualification test report, 30 mar. - 13 may 1965	1965
19670092697	Potter and brumfield, relays sc and sc 7739 qualification test report /final/	1965
19670092699	Evaluation of hysol pc-22 frozen polyurethane resin	1965
19670092701	Development of thermal protection system for a cryogenic spacecraft module quarterly progress report, 1 apr. - 30 jun. 1965	1965
19670092709	Surveillance inspection test on electron tubes, special purpose, triode, multiple, receiving	1965
19670092711	Indices of od, os, and ws publications	1965
19670092712	Surveillance inspection test on capacitor, fixed, film, hermetically sealed, lead mount	1965
19670092714	Surveillance inspection test of resistors, fixed, carbon film, molded, 1/8 watt	1965
19670092716	Investigation of sputtering effects on the moon's surface quarterly status report, 25 jan. - 24 apr. 1965	1965
19670092724	J-z engine flight rating test, volume 2 final report	1965
19670092725	Comparison test program of resistor fixed, composition, molded, 1/4 watt	1965
19670092726	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, npn	1965
19670092727	1mt18 qualification test on ignition parts and explosives, provide impulse for other secondary actions, squ9b pyrotechnic, elec.	1965
19670092728	Surveillance inspection test of resistor, fixed, carbon film, molded, 1/8 watt	1965
19670092730	Surveillance inspection test of relay, 2 amp., hermetically sealed, 95 vdc, power, 6pdt	1965
19670092734	Development of coatings for protection of dispersion strengthened nickel from oxidation fourth quarterly progress report, 1 april. - jul. 1965	1965
19670092735	Ternary phase equilibria transition metal - boron-carbon-silicon systems. part ii ternary systems. volume ii - ti-ta-c systems	1965
19670092737	Development and demonstration of nozzles using bulk pyrolytic graphite interim progress report no. 3, 1 jan. - 31 mar. 1965	1965
19670092744	J-2 engine flight rating test, volume i, addendum 1 final report	1965
19670092762	Report of test on - control, windshield temperature	1965
19670092764	Evaluation of fortin copper clad laminate	1965
19670092765	Laminated epoxy tooling spray layup techniques	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092766	Evaluation of taylor corporation fireban 600 copper clad laminate test report	1965
19670092775	Silicon controlled rectifier - 2n1870a - susceptible to conductive contaminants	1965
19670092776	Surveillance inspection test on capacitor, fixed	1965
19670092778	Development of a stable-beta titanium alloy quarterly report, jan. 1 - mar. 31, 1965	1965
19670092785	To qualify parts for use in coolant service for titan iii inertial guidance system test report, 4 nov. 1963 - 24 feb. 1965	1965
19670092791	Evaluation of illuminated push-button switches	1965
19670092794	Paint adhesion and corrosion resistance of clear conversion coating over a chem-milled surface	1965
19670092797	Qualification test on leach corporation armature relays part no. 9346-8155 technical memo, aug. - sep. 1965	1965
19670092804	Evaluation of oakite liqui-det number 2 detergent	1965
19670092805	Agastat time delay relay qualification test report	1965
19670092806	Structural test report for heat shield assemblies and the redesigned heat shield assembly tests	1965
19670092809	Resolver, electrical -- induction, pancake	1965
19670092811	Surveillance inspection test of semiconductors, transistor, general purpose, silicon, npn	1965
19670092812	Surveillance inspection test of resistor, variable, multiturn, linear, 0.6 watt	1965
19670092813	Qualification test report for inductors	1965
19670092814	Surveillance inspection test of capacitor, fixed, film metalized, hermetically sealed, lead mount	1965
19670092818	Surveillance inspection test on capacitor, fixed, film, hermetically sealed, lead mount	1965
19670092819	Surveillance inspection test on semiconduct- ors, transistors, general purpose, silicon, pnp	1965
19670092821	Procedures and results of variable wirewound resistors	1965
19670092824	Environmental testing of dale electronics wirewound power resistors	1965
19670092826	Vhf/fm transmitter equipment	1965
19670092828	Comparison test program of semiconductors, transistors, power, germanium, pnp	1965
19670092838	Nut explosive, frangible electrically initiated	1965
19670092843	Qualification test of 4-way 1/4 inch solenoid	1965
19670092844	Qualification test of cold helium compressed gas tank	1965
19670092846	Fixed, metallized plastic dielectric capacitors test report	1965
19670092848	Hose assembly, umbilical final specification	1965
19670092864	Qualification test of 48 capacitors, fixed, plastic, motorola part no. 08-22945d, manufactured by trw /goodall/.	1965
19670092865	Qualification tests on power transformer #cmc/cgp-130-981	1965
19670092870	Qualification testing of six 1/4 inch line size solenoid valves	1965
19670092871	Qualification test of saturn s-ib stage lox fill and drain valve 60c26025-1	1965
19670092879	Evaluation of analytical procedures for titanium chem-milling and etching solutions	1965
19670092884	Evaluation of clock chemical 07-14 soloer flux removal solvent	1965
19670092885	Qualification test results of sprague electric co. fixed, wire wound, power resistors type 219e /1 watt/	1965
19670092886	Electra precision products mf 3c-20k, 1 percent	1965
19670092890	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670092891	Effects of electron bombardment on selected semiconductor devices, phases i, ii, and iii	1965
19670092895	One hm1 switch failure analysis	1965
19670092896	Second source qualification test on resistors - fixed, wirewound, metal encased .50 - 1 watt	1965
19670092897	Resistor networks for use with the mk 48 control equipment	1965
19670092900	Second source qualification test	1965
19670092901	Periodic production test	1965
19670092902	Establish electrical characteristics of six vendor's relays, 1/2 size	1965
19670092903	Statistical algebra for engineering applications	1965
19670092909	Evaluation tests on capacitors mylar metallized wesco type 26mn	1965
19670092912	General evaluation of twelve type 2 wnb-1e-126 relays manufactured by hi-g, inc.	1965
19670092916	Radio frequency interference test report, digital events recorder system	1965
19670092920	Relay armature - magnetic latching, dpdt	1965
19670092921	Design vibration test report	1965
19670092922	Partial qualification test on resistors, fixed, wirewound, metal encased 950 - 1 watt	1965
19670092926	Main hydraulic pump, test 11	1965
19670092927	Statistical strength properties of common metal alloys	1965
19670092928	Environmental investigation of in 484 b's	1965
19670092929	Qualification tests of the auxiliary pump bypass check valve	1965
19670092942	Signal conditioning equipment	1965
19670092947	Comparison test program of resistor, fixed, wirewound, power, dipped, 2.5 watts	1965
19670092949	Surveillance inspection test	1965
19670092953	Full-power and step-stress life-testing of type 2n2484 transistors from several vendors	1965
19670092955	Surveillance inspection test on semiconductors, diodes, general purpose, silicon	1965
19670092956	Fluid coupling	1965
19670092957	Surveillance inspection test on resistor, fixed, carbon film, molded, 1/8 watt	1965
19670092959	Surveillance inspection test on semiconductors, diodes, general purpose, silicon	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092960	Surveillance inspection test on semiconductors, diodes, voltage reference, silicon	1965
19670092963	Surveillance inspection test on capacitor, fixed, film, hermetically sealed, lead mount	1965
19670092964	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670092965	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1965
19670092966	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, npn	1965
19670092967	Comparison test program of semiconductors, diodes, zener, silicon	1965
19670092968	Comparison test program of semiconductors, diodes, zener, silicon	1965
19670092969	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1965
19670092971	Comparison test program of semiconductors, diodes, general purpose, silicon	1965
19670092972	Environment and endurance test of 2n 2907	1965
19670092973	Environment and endurance test of 2n3391	1965
19670092975	Surveillance inspection test on relay, less than 1/2 amp, hermetically sealed, 5 vdc, sensitive, dpdt	1965
19670092977	Surveillance inspection test on capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1965
19670092978	Surveillance inspection test on semiconductors, diodes, voltage reference, silicon	1965
19670092980	Environment and endurance test of 2 n3563	1965
19670092982	Surveillance inspection test on semiconductors, diodes, general purpose silicon	1965
19670092985	Surveillance test on resistor, variable, wirewound, noc, multiturn, linear, 0.7 watts	1965
19670092989	Surveillance inspection test of resistor, fixed, carbon film, molded, 1/4 watt	1965
19670092990	Surveillance inspection test of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1965
19670092993	Surveillance inspection test on semiconductors, diodes, general purpose, silicon	1965
19670092997	Surveillance inspection test. relay, 2 amp, hermetically sealed, 30 vdc, power, 6pdt.	1965
19670092998	Evaluation of aluminum chem-mill etchants final report	1965
19670093001	Engineering evaluation of national transistor germanium switching diode	1965
19670093012	Periodic production test of transistors	1965
19670093013	Periodic production test - semiconductors, special types - amplifier	1965
19670093014	Surveillance inspection test on capacitors, fixed, film, hermetically sealed, lead mount	1965
19670093016	Reliability techniques and application for design analysis, volume iii	1965
19670093017	A preliminary survey of the effects of radiation sterilization on parts and materials	1965
19670093019	Switch, push - spdt, plunger actuated	1965
19670093020	Surveillance inspection test on capacitor, fixed, film, hermetically sealed, lead mount	1965
19670093021	Qualification report of connectors, electrical, mated pair, high voltage, removable contacts, non-solder type, miniature round, quick disconnect technical memo. 20 april - 25 june 1965	1965
19670093024	Surveillance inspection test on electron tube, special purpose, pentode, receiving	1965
19670093025	Surveillance inspection test on capacitor, fixed, glass, molded, lead mount	1965
19670093026	Surveillance inspection test on capacitor, fixed, film metalized, hermetically sealed, lead mount	1965
19670093027	Surveillance inspection test on capacitor, fixed, glass, molded, lead mount	1965
19670093028	Surveillance inspection test on electron tube, special purpose, triode, multiple, receiving	1965
19670093029	Surveillance inspection test on capacitor, fixed, ceramic, molded, lead mount	1965
19670093030	Surveillance inspection test on semiconductors, diodes, general purpose, silicon	1965
19670093034	Surveillance inspection test of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1965
19670093038	Motor 6800-2052 and dehydrator assembly 6800-2300	1965
19670093042	Qualification testing of deutsch subminiature connectors	1965
19670093061	Ionization enhancement from van allen electrons in the south atlantic magnetic anomaly	1965
19670093063	Electrical load analysis, operational launch facility, force modernization	1965
19670093064	Amr flight data analysis summary - mount lateral gas forces on wing i and wing ii mounts	1965
19670093065	Surveillance inspection test	1965
19670093066	Hydrogen Combination Cell Study	1965
19670093068	Detection of faults in 60 cps commercial power test report	1965
19670093073	Parametric study of logistics-type entry vehicles monthly progress report, 16 may - 15 jun. 1965	1965
19670093076	Engineering evaluation test report on transistor, 2n2604	1965
19670093077	Qualification test report for variable, metal film, trimmer, resistors	1965
19670093081	Performance analysis on gaskets and seals, flange, teflon	1965
19670093082	Surveillance inspection test on resistors, fixed, carbon film, molded, 1/8 watt	1965
19670093083	Resistor, fixed, film	1965
19670093106	Solution of the interference field for tacan siting. volume ii	1965
19670093109	Investigation of sputtering effects on the moons surface 10th quarterly status report, 25 jul. - 24 oct. 1965	1965
19670093113	Temperature cycling on semiconductor devices	1965
19670093119	Nonradiative processes in optical maser materials progress report, 25 mar. - 30 sep. 1965	1965
19670093123	Evaluation of electronic production and development tc-310 epoxy adhesive	1965
19670093129	An evaluation of northeastern frenchman flat based on gravity data	1965
19670093130	Mechanical shock test of two 10-mc crystals /series bxw 10 mc, bliley electric co./	1965
19670093143	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670093146	Type ii, class 7a barry controls isolator type 90982-40 development test report	1965
19670093161	Evaluation of national semiconductor zn328a transistors	1965
19670093167	Qualification test report 7000-130-roll-pitch trim indicator bendix-montrose type no. 2563c75a74b3	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093172	Atmospheric infrared attenuation coefficient /airac/ studies final report	1965
19670093175	Vibration investigation of hermetically sealed toggle switches	1965
19670093176	Reliability verification test procedure to verify buweps part number 1960916- 5903c1	1965
19670093192	Conductive bonding of machine parts	1965
19670093202	Qualification test of fuel tank pre- pressurization metal hose assembly dac scn 1a48853-503	1965
19670093203	Surveillance inspection test of capacitor, fixed, film, metalized, hermetically sealed, lead mount	1965
19670093204	Surveillance inspection of capacitor, fixed, film metalized, hermetically sealed, lead mount	1965
19670093205	Surveillance inspection test of semiconduc- tors, diodes, general purpose, silicon	1965
19670093206	Honeycomb core forming development program final report	1965
19670093210	Weapon specification crystal units, quartz final specification	1965
19670093218	Design Verification Test of 924 Carrier Plate, A7-64 and A7-65, Saturn S-II Umbilical Disconnects	1965
19670093224	Surveillance inspection test on semiconductor diode, general purpose, silicon	1965
19670093225	Surveillance inspection test of resistor, variable, wirewound, noc, multiturn, linear, 0.7 watts	1965
19670093231	Evaluation of epoxylite cf 8806 epoxy resin	1965
19670093232	Evaluation of epoxylite cf 8806 epoxy resin	1965
19670093236	Accelerated storage program. gas generator propellant charge and igniter for the shillelagh missile system. test plan	1965
19670093237	Determination of the minimum current required to fire the m-3 squib in the shillelagh missile propulsion system. test plan	1965
19670093250	Usn skmr-1 phase iii, part b research tests over water	1965
19670093254	Surveillance inspection test of resistor, fixed, composition, molded, 1/4 watt	1965
19670093255	Surveillance inspection test of resistor, fixed, composition, molded, 1 watt	1965
19670093262	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1965
19670093263	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19670093264	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1965
19670093265	Surveillance inspection test of electron tube, special purpose, pentode, receiving	1965
19670093269	Surveillance inspection test of electron tube, special purpose, pentode, recieving	1965
19670093274	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19670093276	Surveillance inspection test of capacitor, fixed, film, lead mount	1965
19670093277	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670093285	Test of k and e planing prism catalog number 712430	1965
19670093304	Surveillance inspection test on relay, less than 1/2 amp, hermetically sealed, 120 vdc, sensitive, 6 pdt	1965
19670093309	Dynamic Response of the Full Scale Gemini Launch Vehicle and the Complete Vehicle Erector Under Actual Group Wind Conditions. Volume 4 - Summary of Gt-1 Thru Gt-5	1965
19670093319	Resistor, variable, wirewound final status report	1965
19670093322	Qualification of allied control and struthers dunn relays, 7732802 test report	1965
19670093324	Surveillance inspection test of capacitor, fixed, ceramic, molded, lead mount	1965
19670093328	Surveillance inspection test of resistor, fixed, carbon film, molded, 1/8 watt	1965
19670093331	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670093347	Surveillance inspection test of resistor, fixed, metal film, precision, dipped, 2 watts	1965
19670093354	Evaluation of general electric rtv-77 silicone resin	1965
19670093355	Evaluation of texas instrument dumet wire	1965
19670093356	Capacitors, general specification	1965
19670093360	Pouch, fecal germicide	1965
19670093362	Evaluation of dow corning rtv-882 silicone resin	1965
19670093363	Qualification test report for diode mixer	1965
19670093369	Reporting requirements, high reliability parts	1965
19670093371	Inspection, radiographic	1965
19670093377	Investigation of small anechoic chamber for testing vhf antennas	1965
19670093379	Qualification test of delay lines	1965
19670093381	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1965
19670093383	Semiconductor devices, diodes, general specification	1965
19670093384	Qualification test of direct current amplifier spn 337190	1965
19670093387	Diode, voltage regulator, silicon /micro- element/	1965
19670093388	Shaped Charge, Linear, Boostered	1965
19670093389	Qualification tests on inductors cmc/cgp 130-936	1965
19670093390	Qualification tests on inductors no. cmc/cgp- 130-959	1965
19670093392	Switch, power transfer, motorized	1965
19670093407	Valve, propellant, normally closed, explosive actuated final specification	1965
19670093422	The detection of upper atmosphere phenomena by weather radar or other means - /wr-004/	1965
19670093426	Frequency response of radio frequency transformer	1965
19670093434	Partial pressure analysis of residual and other gases in vacua	1965
19670093436	Fracture micromechanics of fe-ni-co and other alloys quarterly progress report, 1 mar. - 1 jul. 1965	1965
19670093444	F-111A Free Flight Model Test Program Interim Progress Report	1965
19670093446	Control cable test final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093447	Fracture micromechanics of fe-ni-co and other alloys quarterly progress report, 1 jul. - 1 oct. 1965	1965
19670093449	Cavitation damage in liquid metals progress report, 1-31 mar. 1965	1965
19670093453	Capacitor, solid electrolyte, tantalum /microelement/ - final specification	1965
19670093454	Flexible metal convoluted hose assembly insulated, cryogenic test report	1965
19670093458	Resistor, fixed film, high stability /microelement/ - final specification	1965
19670093463	Three /3/ sargent-fletcher latching solenoid valves p/n 1821 da-2x	1965
19670093467	Development of apollo flotation bag assembly	1965
19670093468	Antenna equipment, beacon final specification	1965
19670093479	Surveillance inspection test on semiconductors, diodes, general purpose, silicon	1965
19670093486	Indicator, barometric pressure	1965
19670093493	Type i, series h confined detonating fuse assemblies - acceptance testing	1965
19670093498	Qualification test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670093502	Qualification report of switches, electrical, magnetic, spst	1965
19670093504	Analysis of curved thin-walled shells of revolution	1965
19670093509	Evaluation tests on inductors, manufacturers type 130-943	1965
19670093511	Converter, power, signal conditioner /pvr 203/ breadboard test report	1965
19670093520	Vibration test to determine the adhesion properties of various coatings	1965
19670093523	Cyclotron harmonic resonances observed by satellites	1965
19670093526	Point sensor system - final specification	1965
19670093527	Qualification of units for use on the apollo system of semiconductor, transistor, power, silicon, npn final report	1965
19670093532	Qualification of units for use on the apollo program of semiconductors, transistors, power, silicon, npn final report	1965
19670093534	Qualification of units for use on the apollo program final report, 31 aug. - 12 sep. 1965	1965
19670093540	Comparison test program of semiconductors, diodes, zener, silicon	1965
19670093543	Valve, explosive operated, normally closed, helium, 1/4 inch	1965
19670093556	Recorder, signal data final specification	1965
19670093558	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1965
19670093562	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670093563	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670093570	Surveillance inspection test of electron tubes, special purpose, pentode, receiving	1965
19670093571	Surveillance inspection test of semiconductor, diode, zener, silicon	1965
19670093573	Qualification test report on semiconductor, transistor, power, silicon, npn technical memo, 30 mar. - 13 may 1965	1965
19670093576	Connector, video coaxial final specification	1965
19670093583	Development test report for switch, power transfer, motorized	1965
19670093587	GATV Technical Review for GTA-6 Mission	1965
19670093588	Qualification of units for use on the apollo program	1965
19670093591	Qualification test of 90 transistors, motorola p/n 48-22867d01, manufactured by rca, rca p/h 2n2876	1965
19670093592	Qualification test of sylvania silicon varactor diode d5175b, motorola part number 48-22889d01	1965
19670093595	Evaluation of westinghouse diode	1965
19670093598	Emergency airborne escape summary	1965
19670093613	Qualification tests on reactors, cmc/cgp-130 - 774	1965
19670093614	Qualification test on pyrofilm rn55c film resistors	1965
19670093617	Evaluation of Fairchild FM2484 and Texas Instruments 2N2586 Transistors	1965
19670093618	Evaluation of miniature transformer type do-t23 from the united transformer corp.	1965
19670093619	Evaluation of westinghouse 2n1016c transistors	1965
19670093621	Qualification tests on reon variable resistors	1965
19670093622	Qualification test on hp associates type 1002 silicon diodes	1965
19670093623	Qualification tests on semtech type sf6 silicon rectifier	1965
19670093624	Qualification test on caddock type mm125 film resistors	1965
19670093627	Qualification tests on international rectifier type 10d6 silicon rectifier	1965
19670093628	Qualification test on kelvin type hrl-20 fixed resistors	1965
19670093629	Qualification test on technology instruments type m2 fixed resistors	1965
19670093638	Surveillance inspection test on electron tube, special purpose, triode, multiple, receiving	1965
19670093640	Frequency modulated ultrasonic inspection of rubbery materials	1965
19670093642	Rheostat, hermetically sealed final specification	1965
19670093652	Pbps propellant characteristics report	1965
19670093656	Potential areas for utilization of the xb-70 as a research vehicle	1965
19670093662	Resolver, electrical-induction	1965
19670093663	Surveillance inspection test on resistor, variable, wirewound, noc, single-turn linear, 2 watts	1965
19670093664	Analysis of a-3 interlock hardware transistor failure	1965
19670093665	Examination of a3p transistors /buweps p/n 1960916-5903c1/2n871/	1965
19670093666	Evaluation of hysol pc-22 polyurethane resin	1965
19670093667	Dc amplifier signal conditioner dca 01/03 breadboard test report /mc901-0261/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093671	Investigate Methods of Fabricating and Joining Large Sandwich Segments for Forming Common Domes	1965
19670093672	Comparison test program of semiconductor transistors, general purpose, silicon, pnp	1965
19670093673	Comparison test program of semiconductors, diodes, zener, silicon	1965
19670093681	Development of a 1,500,000-lb-thrust /nominal vacuum/ liquid hydrogen/liquid oxygen engine quarterly technical progress report, 1 jul. - 30 sep. 1965	1965
19670093684	The development of thermionic-isotope space power technology monthly status report	1965
19670093688	The base burning phenomenon and its controlling factors - minuteman stage i	1965
19670093694	Flight test report c-131 precision navigation system phase a extension program /ccn-3/. volume i summary report, 26 mar. - 28 may 1964	1965
19670093695	Flight test report c-131 precision navigation system phase a extension program /ccn-3/. volume ii summary report, 21 may - 10 jul. 1964	1965
19670093700	Qualification test on precision type sx093 fixed resistors	1965
19670093706	Qualification test report for signal conditioner, apollo vehicle, part number 401700	1965
19670093713	In line gas check valve scn 1a79530-507	1965
19670093714	Fluke 3kv power supply evaluation test report, 6 jul. - 30 sep. 1965	1965
19670093715	Analysis of polaris fleet failures from ge/od	1965
19670093722	Partial summary of matrix i data, minuteman high-reliability component parts	1965
19670093746	Experimental and field studies of effects of underground shock on terrestrial organisms	1965
19670093747	Systems analysis of atlas e/f launch vehicle parametric performance studies	1965
19670093781	Surveillance inspection test on semiconductor transistor, general purpose, silicon, npn	1965
19670093785	Solder dip and humidity test, miniature ceramic capacitors materials and components engineering report	1965
19670093786	Qualification tests on raytheon type in3730 nanosecond diodes	1965
19670093787	Qualification tests on crystalonics type c301 alloy pnd silicon transistors	1965
19670093792	Qualification Test for Calorimeter Sensor Assemblies	1965
19670093796	Pipe flexibility analysis program mec 21s	1965
19670093797	A report of property generation and utilization research for pattern recognition	1965
19670093806	Preliminary review of long range communication system	1965
19670093815	Vacuum clamping of portable router fixtures	1965
19670093822	Evaluation of hysol rtv-211 silicone resin	1965
19670093823	Evaluation of furane plastics uralane 5721 frozen polyurethane resin	1965
19670093832	Kepco abc 1500 m power supply evaluation test report, 6 jul. - 30 sep. 1965	1965
19670093838	Valve, pressure, relief, air final specification	1965
19670093841	Qualification test report qtr4022.50 temperature transducer	1965
19670093843	An analysis of schlieren measurements of gas density fluctuations in a turbulent wake	1965
19670093845	Static and fatigue test of adjusto-fit bolt	1965
19670093856	Analysis of system sdc mk 2 mod 1 spare module failures	1965
19670093857	Microelectronic device, dual buffered inverter	1965
19670093859	Diode, Voltage Regulator, Silicon (Microelement)	1965
19670093869	Qualification test procedure and results of hill quartz crystal motorola drawing 48- 25211c /buweps drawing 2162312/	1965
19670093870	Qualification test procedures and results of midland quartz crystal mortorola drawing no. 48-251120 /buweps drawing no. 2162312/	1965
19670093881	Rocket motor propellant charge and igniter and gas generator propellant charge and igniter for the extended range shillelagh missile system	1965
19670093924	Test of 1hm1 microswitch ability to charge 400 med through 0.58 ohms from a 11.5v source	1965
19670093929	Surveillance inspection test on semiconductors, diodes, general purpose, silicon	1965
19670093930	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1965
19670093931	Surveillance inspection test on electron tube, special purpose, triode single, receiving	1965
19670093936	Engineering evaluation test report on semiconductor device, diode, 5 may - 30 november 1965	1965
19670093937	Surveillance inspection test of resistor, fixed, carbon-film, molded, 1/8 watt	1965
19670093942	Evaluation of epoxyite of 8806 resin	1965
19670093943	Qualification Tests on International Type ACE720MP1 Capacitors	1965
19670093950	Temperature Transducers, Variable Resistance, Qualification Test DAC SCN 1A67862-505G, -509G and -513G Technical Memo, 27 May - 1 Jul. 1965	1965
19670093954	Switch rotary, solenoid operated sp-1596535	1965
19670093960	Qualification report of audio device, audio emitting, speaker	1965
19670093965	Qualification testing on subminiature connectors, stk series	1965
19670093967	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670093968	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670093974	Surveillance inspection test of resistor, fixed, carbon film, molded, 1/8 watt	1965
19670093975	Comparison test program of resistor, fixed, wirewound, power, dipped, 2.5 watts	1965
19670093976	Surveillance inspection test of semiconductors, diode	1965
19670093977	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1965
19670093978	Pershing component parts qualification testing program	1965
19670093979	Surveillance inspection test on resistor, fixed, carbon film, molded, 1/8 watt	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093989	Surveillance inspection test of semiconductors, diodes, voltage reference, silicon	1965
19670093990	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670093991	Comparison test program of capacitor, fixed, film, hermetically sealed, lead mount	1965
19670093992	Comparison test program of resistor, fixed, thermal, molded 1/8 watt	1965
19670093993	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670093995	Comparison test program of semiconductors, special types of, amplifier	1965
19670093997	Component part evaluation report on switches, electrical, magnetic, rotary, multiple pole	1965
19670094013	Hose assembly, flexible, metal convoluted, cryogenic	1965
19670094014	Engineering evaluation of size 31, 5 speed transolver	1965
19670094019	Evaluation of terreso ws lubricating oil	1965
19670094020	Evaluation of sylvania dumet wire	1965
19670094023	Nose section structural test final analysis report	1965
19670094024	683e signal conditioning equipment for the apollo c and d subsystem temperature test development report	1965
19670094034	Report of test on - two couplings, helium disconnects, low pressure 1/4 inch disconnect and 1 1/2 inch disconnect test report, 10 mar. - 3 may 1965	1965
19670094043	Results from the loran-c sky wave monitor experiment final report	1965
19670094048	Initiator, Electrical Hot Wire, Qualification Test Report	1965
19670094054	Shock evaluation of 7274-2-2 /ms26574/ circuit breaker to mil-c-5809d	1965
19670094058	Transistor, silicon, high speed switching	1965
19670094059	Qualification report of connectors, electrical, mated pair, low voltage and low signal, captive contacts, microminiature rectangular, quick disconnect	1965
19670094061	Compression tests of wire-film cylinders	1965
19670094063	Analysis of the relation between hf modem error performance and ionospheric conditions final report, 30 jun. - 31 dec. 1965	1965
19670094074	1 inch disconnect valve, vent, hydrogen	1965
19670094079	Capacitor, fixed tantalum, foil /3 section/	1965
19670094085	1/2 inch mmh check valve design evaluation/qualification test	1965
19670094088	Evaluation of hysol x-pc a601 polyurethane coating	1965
19670094089	Engineering evaluation test report on resistor, variable, nonlinear/linear, precis- ion report, 16 oct. 1964 - 23 nov. 1965	1965
19670094090	Periodic production test on transformers - input, enclosed 0-3 kc	1965
19670094091	Engineering evaluation of printed circuit motor	1965
19670094092	Large solid-propellant boosters explosive hazards study program project sophy status report no. 13, 1 - 30 jun. 1965	1965
19670094095	Surveillance inspection test of resistor, fixed, wirewound, power, metal encased, 30 watts	1965
19670094103	Surveillance inspection of semiconductors, diodes, general purpose, silicon	1965
19670094104	Surveillance inspection test of electron tube, special purpose, triode, single, receiving	1965
19670094106	Attitude and translation control unit	1965
19670094109	Surveillance inspection test on transformer, power, general purpose, hermetically sealed, 400 cps	1965
19670094110	Surveillance inspection test on semiconductors, transistors, general purpose, silicon, npn	1965
19670094111	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, npn	1965
19670094119	Surveillance inspection test on capacitors, fixed, glass and vitreous enamel, molded, lead mount	1965
19670094125	Vacuum test on signal conditioning equipment for the apollo c and d subsystem	1965
19670094129	Valve, check, spring-loaded	1965
19670094131	Qualification test on helium pressure regulators	1965
19670094133	Filter, incline	1965
19670094136	Acceptance inspection tests of 54 audio frequency transformers, motorola part no. 25-229490, supplied by utc, pacific division.	1965
19670094139	Connectors, power, bulkhead feedthru, electric power subsystem design control. specification for	1965
19670094140	Line assembly, engine feed, liquid hydrogen type 1	1965
19670094141	Surveillance inspection test on semiconductors, diodes, voltage reference, silicon	1965
19670094142	Comparison test program on capacitor, fixed, ceramic, hermetically sealed	1965
19670094145	Qualification tests on inductors, manufacturer's type 70938	1965
19670094146	Qualification of capacitor, paper-mylar	1965
19670094147	Vibration and shock tests per mil-c-19978b on capacitors	1965
19670094160	Qualification test of the general electric company relay no. 3sam1268a2	1965
19670094162	Development test report project r-263 naa apollo cdc - rdx confined detonating cord	1965
19670094167	Qualification test texas instruments' integrated circuit p/n 1464589-1 /sn 514/ final report	1965
19670094173	Qualification test report on semiconductor, transistor, general purpose, silicon npn	1965
19670094175	Salt Spray/Humidity Test on 683E Signal Conditioning Equipment for Apollo C and D Subsystem	1965
19670094178	Accelerometer calibration by the comparison method	1965
19670094181	Valve, solenoid, latching	1965
19670094182	Evaluation of matched diode quads - production samples	1965
19670094185	Weapon specification resistors, variable, nonwirewound	1965
19670094186	Surveillance inspection test on capacitor, fixed, film, hermetically sealed, lead mount	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094188	Semiconductor evaluation report, mark 46 mod 1 torpedo	1965
19670094191	Scan failure analysis program	1965
19670094201	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670094202	Comparison test program of capacitor, fixed, ceramic, hermetically sealed, lead mount	1965
19670094206	Bag, outer, fecal emesis	1965
19670094209	Harness assembly restraint, crewman	1965
19670094217	Saturn stage s-ii reliability assessment mathematical model. volume ii - statistical assessment techniques	1965
19670094227	Environmental tests - 718n-1 vhf/fm transmitter - hf transceiver equipment	1965
19670094232	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670094233	Evaluation of general electric dumet wire	1965
19670094235	Evaluation of furane 8179 epoxy resin	1965
19670094247	Comparison test program of semiconductors, transistors, power, germanium, pnp	1965
19670094248	Surveillance inspection test of semiconductors, diodes, varactor, silicon	1965
19670094251	Qualification test report on semiconductor, transistor, general purpose, silicon, pnp	1965
19670094253	Qualification tests on general electric type 1n4148 and 1n4449 signal diodes	1965
19670094259	Switch, rotary, hermetically sealed	1965
19670094265	Apollo beacon antennas	1965
19670094273	Surveillance inspection test on resistors, fixed, carbon, film, molded, 1/8 watt	1965
19670094284	Design Proof/Environmental Tests and Mission Simulation Test for Apollo Up Data Link	1965
19670094285	Hose assemblies, flexible, high and low pressure	1965
19670094292	Surveillance inspection test on resistor, fixed, metal film, precision, dipped, 1/2 watt	1965
19670094299	Weapon specification resistors, wirewound, variable	1965
19670094300	Comparison test program on semiconductors, diodes, voltage reference, silicon	1965
19670094302	Characteristic comparison test on microelectronic circuits - multivibrator hybrid circuit	1965
19670094303	Qualification of the units during and/or after the specified environments final report	1965
19670094309	Engine Pump Purge Control Module, SCN 1B56804-1, Qualification Test Report	1965
19670094312	Qualification Tests on Crystalonics 2N1642 Silicon Transistor	1965
19670094327	Qualification tests on electrical wire, type c-20	1965
19670094328	Supplementary qualification tests on contact sockets, solder type used in miniature round, quick disconnect connectors	1965
19670094330	Evaluation tests on capacitors, fixed, plastic /mylar/ dielectric, non-metallic cases, type 61f	1965
19670094335	Qualification of units when subjected to the specified environments	1965
19670094337	Qualification for use on the apollo program	1965
19670094338	Evaluation of the units during and/or after the specified environments	1965
19670094339	Qualification of units for use on the apollo program	1965
19670094340	Qualification of the units during and/or after the specified environments	1965
19670094341	Qualification test of saturn s-ib stage lox prevalve 60c20339	1965
19670094342	Qualification testing for use on the apollo program report for the period 25 jan. - 25 apr. 1965	1965
19670094343	Dao - white space coating application study	1965
19670094345	Qualification of units for use on the apollo program final report, 15 jan. - 26 apr. 1965	1965
19670094348	Qualification of the units during and/or after the specified environments final report	1965
19670094349	Environmental Evaluation of R. F. Interonics RF2000 Radio Interference Filter	1965
19670094350	Diode, voltage regulator, 8.2v /microelement/	1965
19670094352	Evaluation of epocast 8195 polyurethane coating	1965
19670094356	Neuromuscular subsystem data and models	1965
19670094357	Nerva 2 Class Nuclear Stage Module Development Using Saturn V/S-Ic Hardware and Facilities. Volume 1	1965
19670094358	Program 624a /titan iii/ system test objectives for standard space launch vehicle no. 4	1965
19670094359	Target contrast tracker final report	1965
19670094377	Installation of the yj93 engine in the transportation and roll over adapters	1965
19670094390	Qualification of units for use on the apollo program final report, 25 may - 10 sep. 1965	1965
19670094391	Circuit breaker 7274-2-5 /ms26574/, test report document no. ex343b-277	1965
19670094396	Surveillance inspection test on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670094400	Environmental control subsystem installation and testing xb-70a air vehicles 1 and 2	1965
19670094402	Periodic production test on synchros - electrical resolver, non-buord, 1-30 v 400 cycle	1965
19670094404	Surveillance inspection test on semiconductors, diodes, general purpose, silicon	1965
19670094409	Tuning fork oscillators	1965
19670094421	Qualification test report for connector, electrical	1965
19670094433	Investigation of latch-in relays for qualification	1965
19670094435	Transistor, pressure, dc/dc high range /0-4000 psi/	1965
19670094436	Transmitter, pressure dc/dc, low range /0-100 psi/	1965
19670094441	Connector, receptacle, electrical, shell size 40	1965
19670094454	Comparison test program of resistor, fixed, wirewound, power, dipped, 2.5 watts	1965
19670094463	Fixed wirewound precision resistors manufactured by rho engineering company	1965
19670094465	Surveillance inspection test on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670094466	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094467	Surveillance inspection test of resistor, fixed, carbon film, molded, 1/8 w	1965
19670094472	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670094475	Reactor	1965
19670094476	Comparison test program of semiconductors, diodes, zener, silicon	1965
19670094477	Evaluation of armstrong e-301 resin	1965
19670094478	Evaluation of terreso v78 lubricating oil	1965
19670094479	Microelectronic device, decoder	1965
19670094482	Comparison test program of semiconductors, diodes, zener, silicon	1965
19670094483	Components irradiation test capacitors	1965
19670094486	Astro sextant door actuator cz0 9606 002	1965
19670094487	Surveillance inspection test of electron tube, special purpose, diode, single, voltage regulating	1965
19670094488	Evaluation of minnesota mining resin 260	1965
19670094491	Surveillance inspection test of electron tube, special purpose, triode, single, receiving	1965
19670094498	Surveillance inspection test on resistor, fixed, carbon film, molded, 1/8 watt	1965
19670094500	Surveillance inspection test of electron tube, special purpose, pentode, receiving	1965
19670094501	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670094511	Surveillance inspection test of resistor, variable, wirewound, noc, multiturn, linear, 0.7 watts	1965
19670094512	Surveillance inspection test on resistor, fixed, carbon film, molded, 1/8 watt	1965
19670094513	Surveillance inspection test on resistor, variable, wirewound, multiturn, linear, 0.7 watt	1965
19670094514	Test report on qualification test of band pass filter	1965
19670094516	Qualification and reliability test program on eight liquid hydrogen tank pressurization line assemblies	1965
19670094523	Surveillance inspection test of capacitor, fixed, film metalized, hermetically sealed, lead mount	1965
19670094524	Surveillance inspection test of electron tube, special purpose, diode, multiple, voltage regulating	1965
19670094525	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, npn	1965
19670094526	Evaluation of 2n328a transistors, sperry and hughes	1965
19670094527	Qualification test report for transformers westinghouse drawing 953c101	1965
19670094529	Absorptance/emittance measurement operations manual	1965
19670094530	Oak mfg. co. rotary switches, type 'jdc' qualification test	1965
19670094532	Disposition of four year old tantalum capacitors	1965
19670094538	Development of fluorocarbon bonded closures final report, jul. 1964 - jun. 1965	1965
19670094539	Qualification test report for valve, solenoid, recirculation system, actuation	1965
19670094542	Failure analysis of intermittent cleveite g-320 diodes	1965
19670094543	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19670094545	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19670094547	Surveillance inspection test of resistor, fixed, metal film, precision, dipped, 1/2 watt	1965
19670094550	Latching solenoid valve	1965
19670094551	Qualification test of 120 silicon mixer diodes, motorola part no. 48-22904d01, manufactured by microwave associate inc., part no. ma4163	1965
19670094554	Surveillance inspection test of electron tubes, special purpose, pentode, receiving	1965
19670094555	Surveillance inspection test of resistors, fixed, metal film, precision, dipped, 1/2 watt	1965
19670094556	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1965
19670094557	Qualification test procedures and results of connectors, rf coaxial, 50 ohm	1965
19670094558	Surveillance inspection test of resistor, fixed, carbon film, molded, 1/8 watt	1965
19670094559	Weapon specification resistor, fixed, wirewound, precision, power final specification	1965
19670094570	Report of reliability test on aeroquip 323010-8 and 323015-12 quick disconnect, hydraulic nipple assemblies	1965
19670094571	Rn 65c series resistors	1965
19670094573	Cartridge assembly, electrically initiated, pressure, hotwire, type ii, volume i	1965
19670094574	Comparative evaluation of microelectronic devices from five vendors	1965
19670094576	Qualification of units for use on the apollo program on semiconductors, transistors, general purpose, silicon, npn final report, 17 aug. - 30 nov. 1965	1965
19670094577	Transistor - uhf, silicon, npn	1965
19670094580	Qualification test report of capacitors, fixed, ceramic	1965
19670094581	Surveillance inspection test of electron tubes, special purpose, triode, multiple, receiving	1965
19670094585	Techniques for free-flight model investigations in the lockheed-georgia 3-foot shock tunnel	1965
19670094586	Component/part test data sheet on semiconductors, diode, zener, silicon	1965
19670094591	Surveillance inspection test on electron tubes, special purpose, triode, multiple, receiving	1965
19670094592	Surveillance inspection test of electron tube, special purpose, pentode, receiving	1965
19670094593	Statistical method applied to structural design of simple beams subjected to distributed loads	1965
19670094596	Ventilation check valve	1965
19670094597	Environmental tests for 718p-1 vhf/am, transmitter-receiver and vhf recovery beacon equipment. volume i	1965
19670094603	Development of the xb-70a propulsion system	1965
19670094610	Qualification of units for use on the apollo program. transformers, power, general purpose, enclosed, 3-30kc audio freq. final report, 25 jan. - 15 apr. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094611	Component procurement specification. valve electrically operated hydraulic selector 3-port, 2-position normally closed xb-70 air vehicle	1965
19670094612	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670094614	Bladder Assembly, Flotation, Inflatable	1965
19670094616	Pressure switches - p/n 8148-3 and 8143-5	1965
19670094619	Evaluation of units for possible usage	1965
19670094622	Qualification test of 90 motorola part no. 28-22906d, rf connectors, plugs and receptacles, as manufactured by omni- spectra inc.	1965
19670094629	Evaluation of ablestik 104-1 epoxy resin	1965
19670094630	Comparison test program of semiconductors, diodes, general purpose, silicon	1965
19670094641	Evaluation of epoxylite 9653 polyurethane coating	1965
19670094644	Comparison test program of resistor, fixed, wirewound, power, dipped, 2.5 watts	1965
19670094648	Cartridge assembly, electrically initiated pressure hotwire	1965
19670094650	Techniques for the determination of lunar surface layer properties from infrared measurements of the lunar radiation	1965
19670094657	Switch, antenna, vhf	1965
19670094661	Evaluation of crystal can relays in grounded case circuits with ac resistive contact loads	1965
19670094662	Surveillance inspection test of semiconductors diodes, voltage reference, silicon	1965
19670094663	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670094686	Test report, qualification motorola semiconductor products, inc. types in761 1n763-2, and 1n767 zener diodes	1965
19670094692	Electromagnetic interference test for 683e signal conditioning equipment for the apollo c and d subsystem	1965
19670094693	Electrical load analysis, operational launch control facility, force modernization	1965
19670094695	Investigation of sputtering effects on the moon's surface quarterly status report no. 9, 25 apr. - 24 jul. 1965	1965
19670094699	Disconnect valve, vent, hydrogen and oxygen, final specification	1965
19670094713	Pilot familiarisation behaviour in a flight task simulator	1965
19670094720	Heater, valve hose	1965
19670094722	Clock mechanical	1965
19670094730	Surveillance inspection test of electron tubes, special purpose, diode, multiple, voltage regulating	1965
19670094731	Life Test - Pulse Transformer, Sprague Electric Company	1965
19670094741	Environmental Test Report for Goodyear Aerospace Buffer Amplifiers	1965
19670094747	Technipower, solid state power supply evaluation	1965
19670094757	Evaluation of state of the art miniature ceramic capacitor	1965
19670094758	Sst phase ii-b. july detailed work plan configuration development tasks. development of supersonic transport aircraft	1965
19670094761	Miniature ceramic capacitors for use in the mk 48 fire control equipment	1965
19670094763	Qualification test on 3 values of delevan and jeffers rf coils /56 samples/ /motorola standard 24-14198a/	1965
19670094767	Requirements for sst weather radar /wr-001/. interim report no. 1	1965
19670094777	Exposure of explosive specimen to high altitude associated with gemini adapter - to - booster separation and retro section-to- equipment section final report	1965
19670094784	Qualification test of 750 psig manually operated regulator	1965
19670094787	Qualification tests on batteries, dry, ba-419/u	1965
19670094791	Some experimental results on q-switching a large nd plus 3 glass laser rod	1965
19670094793	Design and engineering analysis for mechanical rendezvous attachment mechanisms, may - september 1965	1965
19670094794	Socket-head cap screws as 1026/302 se/ versus as 4476/a-286/	1965
19670094803	Minutes of the atlas 147f/payload ejection mechanism mod 1 a/graphite test vehicle-5 postflight data review	1965
19670094804	Sst phase 11-b. july detailed work plan common hardware oriented development tasks. development of supersonic transport aircraft	1965
19670094811	Evaluation of hysol rtv-202 silicone resin	1965
19670094812	Qualification of the units during and/or after the specified environments final report	1965
19670094819	Component/part test data sheet on semiconductor, diodes, zener, silicon	1965
19670094827	Reliability verification test procedure to verify buweps p/n 1960923-04w/s039 through -04w/s049 on capacitors, fixed, tantalum, solid hermetically sealed, lead mount	1965
19670094833	Qualification tests on batteries, dry ba-205/4	1965
19670094840	Aircraft accident analysis. a review of casual factors in aviation accidents and a correlation with failure probabilities in spacecraft	1965
19670094855	Observations on taxiway, elmendorf afb, alaska 1962-1964	1965
19670094859	Qualification tests on batteries, dry, ba-56	1965
19670094865	E.r.a. transpac solid state power supply evaluation	1965
19670094869	Qualification test report for transformers	1965
19670094871	Evaluation of an advanced component in size 8 case	1965
19670094876	Procurement specification for valve, electro-hydraulic-servo control stabilization system final specification	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094877	Evaluation of high pressure hose assemblies for xb-70a application	1965
19670094910	Preparation of the aerospace fluid component designers'handbook final report, jun. 1960 - dec. 1965	1965
19670094913	L-2000-4 fuselage selection study	1965
19670094915	Proposed failed part analysis program	1965
19670094924	The effects of space environment and radiation upon connector materials and finishes	1965
19670094932	A solution for rocket combustion instability	1965
19670094933	Vibration test on 683e signal conditioning equipment for the apollo c and d subsystem	1965
19670094936	Valve, pressure regulator	1965
19670094959	Ground Support Traffic Simulation	1965
19670094960	Stochastic models for multi-valued, multi-dimensional relations semiannual status report no. 3, dec. 16, 1964 - jun. 15, 1965	1965
19670094968	Film coefficient and recovery temperature for a flat plate in continuum, slip, and free molecule flow, volume 1	1965
19670094970	Frequency synchronization for doppler tracking systems - stable oscillators, part 1	1965
19670094986	Instrumentation directorate task status report, 1 jul. - 31 dec. 1964	1965
19670094988	Qualification report resistor fixed, wirewound, power, molded or dipped, 2.5 watts	1965
19670094990	Supplementary report of qualification tests - itt cannon electric pv and kpd connectors - modified plating process	1965
19670094991	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670094992	Reliability Testing of Flexible Metal Hose Assemblies Convoluted Cryogenic	1965
19670094996	Comparison test program of resistor, fixed, wirewound, power, dipped, 2.5 watts	1965
19670094997	Probabilistic design of columns /the reliability approach/	1965
19670095008	Surveillance inspection test on capacitor, fixed, film, hermetically sealed, lead mount	1965
19670095009	Qualification report of resistors, fixed, wirewound, power, molded or dipped, 1.0 watt	1965
19670095010	Comparison test program of semiconductors, diodes, general purpose, silicon	1965
19670095015	Surveillance inspection test of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1965
19670095017	Surveillance inspection test on semiconductors, diodes, general purpose, silicon	1965
19670095026	Qualification test report on semiconductor, transistor, general purpose silicon, npn	1965
19670095037	Evaluation of general electric silicone adhesive test report	1965
19670095039	Perkin, solid state power supply evaluation	1965
19670095046	Sources and methods for probability analyses in space rescue studies - failure rate data	1965
19670095049	Evaluation tests on inductors, manufacturers type 130-945	1965
19670095055	Evaluation tests on inductors, manufacturers type 130-757 test report, 15 jul. - 7 oct. 1965	1965
19670095058	Qualification test on california type m40 resistors	1965
19670095060	Surveillance inspection test on resistor, fixed carbon film molded, 1/4 watt	1965
19670095062	Cartridge assembly, electrically initiated, pressure hot wire test engineering report, 8 aug. - 19 oct. 1965	1965
19670095064	Supersonic transport development. baseline configuration selection report	1965
19670095067	Environmental test for 548n-1s-band power amplifier equipment qualification test report	1965
19670095069	Qualification test of the quick-disconnect assemblies. dac scn 1a68498-1d, -501d and -503d	1965
19670095072	Shelly readouts manufactured by cal-glo corporation	1965
19670095073	Qualification test procedures and results of toroidal rf coils, motorola drawing no. 24-25290c	1965
19670095077	Thermo-mechanical stress screen of t0-5 type integrated circuits	1965
19670095078	Report of test on prototype photocells for intra-lens shutter test set - humidity	1965
19670095079	Semiconductor device - diode, micro, and switching	1965
19670095081	Component parts evaluation report on hardware, terminations, wire	1965
19670095082	Preliminary description of function requirements for the sst head-up and horizontal situation display	1965
19670095084	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670095089	Evaluation of hysol 4297 epoxy adhesive test report	1965
19670095090	A study of the effect of space radiation on silicon integrated microcircuits. volume i final report, 26 jun. 1964 - 26 sep. 1965	1965
19670095094	Surveillance inspection test of semiconductors, diodes, general purpose silicon	1965
19670095095	Endevco [Trade Name] Models 2246 M1 and 2246 M4 Accelerometers	1965
19670095119	Rocket motor propellant charge and igniter and gas generator propellant charge igniter for the shillelagh missile system	1965
19670095126	Part discrepancy in cd5310-18 /snr518a/	1965
19670095132	Evaluation of leeder chemical 212k solder flux removal solvent test report	1965
19670095159	Description of an ibm 7090 program for the calculation of transient temperature distribution in an anisotropic nonhomogeneous shell of revolution with arbitrary heat flux at one boundary for a perfect gas supplement no. 1	1965
19670095168	Transducer	1965
19670095169	Qualification test of linear wirewound variable resistor dac scn 1a86635-517 through minus 547	1965
19670095173	Saturn space systems reliability situations and the methods of system architecture	1965
19670095174	Qualification to msfc-spec-377	1965
19670095178	Vhf repeater experiment progress report, 1-30 jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095179	Results of engineering development program for wings ii-v lcc pneumatic shock isolator data summary report	1965
19670095181	Piezoelectric crystal temperature sensing system monthly progress report, 1-31 jan. 1965	1965
19670095186	Qualification test report on semiconductors, diodes, zener, silicon	1965
19670095195	Large solid propellant boosters explosive hazards study program project sophy	1965
19670095197	Supersonic transport development phase ii-c. volume vi - airframe structure	1965
19670095201	Comparison test program of resistor, fixed, wirewound, power, dipped, 1 watt	1965
19670095202	Qualification Tests on Crystalonics Type C402 Alloy PNP Silicon Transistors	1965
19670095208	Transducer, temperature, resistance, cryogenic final specification	1965
19670095216	Qualification tests on 12 rfi filters 6each of motorola part no. 25-14800a21 /sprague no. 5jx94/ and motorola part no. 23-14800a22 /sprague no. 2jx49/	1965
19670095217	Evaluation of the tuning torque of 20 variable rf coil forms manufactured by cambridge thermionic corporation /ctc/, motorola no. 74-25393c test memo, 30 dec. 1964 - 7 jan. 1965	1965
19670095219	Central timing equipment	1965
19670095221	Qualification test on bendix corp., connector series pt-ce	1965
19670095229	Cross section calculations and study of space vehicle radiation and shielding progress report, 15 may - 15 aug. 1965	1965
19670095261	Processor, pre-modulation	1965
19670095273	A study on the role of radioactivity and hydrothermal processes in protobiochemistry monthly report	1965
19670095285	Qualification tests on transformers, manufacturers type 70940	1965
19670095287	Meters, electrical indicating, panel type, ruggedized, type designation mr26w300dcvvr	1965
19670095288	Semi-rigid or non-rigid structures for re-entry applications interim engineering progress report, 16 dec. 1964 - 15 mar. 1965	1965
19670095299	Spectrum generator	1965
19670095308	Investigation of short-circuit degradation	1965
19670095311	Evaluation of dow corning rtv-882 silicone resin	1965
19670095316	Evaluation of american better chemicals l-05204-2 solvent	1965
19670095318	A study of the feasibility of measuring atmospheric densities by using a laser - searchlight technique annual report, apr. 1964 - mar. 1965	1965
19670095324	Ku band semiconductor t-r device production engineering measures program quarterly progress report, 27 jul. - 27 oct. 1966	1965
19670095325	Investigation of low temperature failures of wabco m5757/19-007 relays /mil-r-5757/19a, type ry4ww4b3w02/	1965
19670095331	Surveillance Inspection Test of Resistor, Fixed, Carbon Film, Molded, 1/2 Watt	1965
19670095341	Magnetic field measurements based on cyclotron harmonic phenomena	1965
19670095346	Evaluation of hysol rtv-260 silicone resin	1965
19670095348	Evaluation test of quad gate integrated circuit	1965
19670095352	Qualification tests on transformers manufacturer's type 70939	1965
19670095358	Qualification of units when subjected to the specified environments final report	1965
19670095360	Comparison of lamp 327 with lamp 387	1965
19670095389	Qualification test on mallory type tmb108m050cib tantalum capacitors	1965
19670095400	Evaluation of an advanced component in a size 8 case	1965
19670095401	Preliminary test of two hi-spec electronics type hd4a1400v15 dpdt relays /28 vdc coil/	1965
19670095410	Measurement of the cross flow around an inclined body at a mach number of 1.91	1965
19670095411	Silver-zinc battery capable of thermal sterilization according to jpl specification x50-3075-tsta	1965
19670095412	Qualification Test on Kelvin Type 301-P Fixed Resistors	1965
19670095414	Stripping of anodic coatings	1965
19670095415	Report of test on master events sequence controller /mesc/ no. 1, volume i	1965
19670095425	Satellites and probes program progress report, december 1964	1965
19670095430	Quality maintenance and ultimate stress tests on recirculation helium receivers	1965
19670095439	Filter, radio interference	1965
19670095450	Surveillance inspection test on semiconductors, transistors, general purpose, silicon, npn	1965
19670095459	Qualification test report for liquid level transducer. dac scn 1a68710-1, -509, and -511	1965
19670095470	Oxygen sugge tanks	1965
19670095471	Bellows assembly, reliability test report	1965
19670095476	Qualification of units for use on the apollo program final report	1965
19670095483	Three Directional Optical Square	1965
19670095484	Qualification tests on electrical wire, type an-16, type i	1965
19670095488	Transmitter, pressure dc/dc, low range /0-100psi/	1965
19670095492	Surveillance inspection test on resistors, fixed, carbon film, molded, 1/8 watts	1965
19670095493	Compatibility of dc 94-011 fluorosilicone channel sealant with pr701m polysulfide channel sealant final report	1965
19670095497	Surveillance inspection test on resistors, fixed, carbon film, molded, 1/8 watt	1965
19670095503	Gyrocompassing with two-degree-of-freedom gyros	1965
19670095505	Evaluation, micro semiconductor corporation diode. type csc-1	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095524	Electrostatic modes of a relativistic electron beam penetrating a longitudinally finite inhomogeneous plasma - one dimensional zero temperature theory	1965
19670095532	Acceptance test procedure/report for redesign- ed ratchet lock, connector /ref. fah5926-3/	1965
19670095537	Bi-Parameter Universal Random Surface	1965
19670095541	Macrolaminate particle material development interim report, 1 aug. - 1 oct. 1965	1965
19670095544	Qualification test report for low-g probe variable resistance temperature transducer dac scn 1b51648-1, -50, and -507	1965
19670095556	Actuating System, Astro-Sextant Door	1965
19670095557	Evaluation test on transitron 2n2019 transistors final report	1965
19670095558	Comparison test program. capacitor, fixed, ceramic, molded, lead mount	1965
19670095559	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19670095565	Semiconductor device, diode	1965
19670095596	Scout upper stage initial conditions study and and capture analysis	1965
19670095597	Investigation of sputtering effects on the moon's surface quarterly status report, 25 oct. 1964 - 24 jan. 1965	1965
19670095620	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulator quarterly progress report, 18 jul. - 18 sep. 1965	1965
19670095623	Project gemini. verification of gemini spacecraft 2 ascent velocity error supplemental report no. 11	1965
19670095631	System test objectives for gemini launch vehicle nasa mission gemini vi-b. appendix a. gt-6 trajectory printout for gemini vi-b mission	1965
19670095634	Similarity data for grimes 65-0121 indicator light assembly	1965
19670095642	Fiber optics environmental test final report	1965
19670095643	Electrostatic instability and enhancement of ionization	1965
19670095645	Solid state techniques quarterly progress report, 1 jul. - 1 sep. 1965	1965
19670095650	Research activities report to nasa research advisory committee on aircraft aerodynamics	1965
19670095656	Surveillance inspection test on capacitor, fixed, ceramic, molded, lead mount	1965
19670095672	Lockheed/Convair/Mcdonnell Gemini Atlas Agena Target Vehicle Master Launch Countdown	1965
19670095679	Component part failure rate assignments for reliability assessment of the geos satellite	1965
19670095686	The radiation from an axisymmetric, real gas system with a non-isothermal temperature distribution	1965
19670095700	Inorganic halogen oxidizers annual summary report, 29 may 1964 - 28 may 1965	1965
19670095716	Evaluation of leeder 206k solder flux removal solvent	1965
19670095717	Evaluation of john b. moore m-3 solvent	1965
19670095726	Procurement specification for solid state interval timer assembly	1965
19670095732	Analysis of gravity gradient stabilization system performance of geos a	1965
19670095733	Amplifying data advanced missions manned space flight	1965
19670095734	Contribution of the alternate optical logic to the reliability of the geos optical beacon electronics technical advisement memorandum 106-2	1965
19670095737	Feasibility study of thermoelectric control of space vehicle thermal environment quarterly report	1965
19670095755	Launch vehicle flight evaluation report, nasa mission gemini/titan, gt-4	1965
19670095762	Maximum wind shear loads study - minuteman missile lgm-30f booster with pbc's and candidate mark 12 re-entry systems	1965
19670095767	Effects of re-entry on ecm antenna system performance final report	1965
19670095770	Quarterly progress report for period 15 february through 15 may 1965	1965
19670095771	Habitability programme for the royal canadian navy fhe 400 hydrofoil ship. simulated motion evaluation of the iam bunk progress report	1965
19670095772	An analysis of the air force logistics command receiving inspection program	1965
19670095791	[No Title]	1965
19670095792	Hypervelocity penetration of thin targets by long rods	1965
19670095801	A Description of the Saturn Ab-5 K8 Stabilizing Gyro and Ab-3 K8 Pendulous Integrating Gyro Accelerometer	1965
19670095802	Ascension target track radar /ttr/ signature data report 65-021 on test 0501 /project fire/	1965
19670095805	Lighting equipment, external	1965
19670095821	Methods of flow visualization monthly progress report, 15 - 30 jun. 1965	1965
19670095840	AFWL Nuclear Effects Computer Programs for Vulnerability Analyses: an Annotated Bibliography	1965
19670095855	Effects of cobalt-60 irradiation on the terminal properties of the 2n336, sp9156, and 2n2270 transistors	1965
19670095856	In-flight evaluation of certain lateral- directional handling qualities of high- performance aircraft	1965
19670095867	Qualification test report design proof electromagnetic compatibility for apollo up data link, volume 11	1965
19670095875	Launch control system reports, unmodernized network resolution area	1965
19670095877	Compressible turbulent boundary layer with application to hydrogen dumping and combustion	1965
19670095878	Comparison test program on semiconductors, transistors, switching, noc, silicon, pnp	1965
19670095884	Cartridge Assembly, Electrically Initiated, Pressure, Hotwire	1965
19670095888	A 24 inch diameter shock tube	1965
19670095899	An airborne data acquisition system for use in flight testing the xb-70 airplane	1965
19670095900	Experiment plans for lenticular stereoscopic television, tachistoscopic projection, brain wave utilization	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095918	Qualification test report on semiconductor, transistor, switching, noc, silicon, pnp technical report, 15 mar. - 5 may 1965	1965
19670095919	Ionospheric observations and solar radio emission data	1965
19670095921	Evaluation of general electric rtv-90 silicone resin	1965
19670095922	Materials non-metallic, silicone compounds	1965
19670095923	Evaluation of furance plastics uralane 5721 polyurethane resin	1965
19670095924	Analysis of polaris fleet failures from ge/od	1965
19670095932	Qualification of units for use on the apollo program of capacitor, fixed, ceramic final report	1965
19670095933	Qualification of Units for Use on the Apollo Program	1965
19670095941	Small diameter, thin wall columbium alloy tubing program interim report, 15 jul. - 15 oct. 1965	1965
19670095942	Papers Presented at the Twentieth MSC Technical Symposium	1965
19670095943	Saturn s-ivb-apollo csm separation dynamics for tumbling aborts	1965
19670095944	Apollo service module response to transonic fluctuating pressures	1965
19670095977	Monthly report for director and secretary	1965
19670095979	Development of high-temperature electrical ground test heaters for the snap 10a program	1965
19670095984	The variance of autocorrelation estimates of clipped gaussian noise	1965
19670095986	Report of a fitting trial on coveralls light combat /clc/ and coveralls light flying transport /clft/	1965
19670096000	Comparison test program of capacitor, fixed, film, hermetically sealed, lead mount	1965
19670096009	Ultraviolet photographic pyrometer	1965
19670096011	Transistor, power, silicon npn	1965
19670096038	The design and manufacture of a 6 inch diameter ablative combustion-chamber final report	1965
19670096041	Detail gravimeter measurements over the european calibration line in 1963 /o.g.s.t. and u.s.n.o.o./	1965
19670096044	Physical characteristics and atmospheric data for venus	1965
19670096047	Qualification test report on semiconductor, transistor, power, germanium, pnp	1965
19670096056	Induction heating during progressive roll forming of titanium structural shapes	1965
19670096066	Two-degree-of-freedom free rotor gyro final report	1965
19670096079	Supersonic transport weight comparison substantiation	1965
19670096080	On the polarity correlation of non zero mean gaussian variables	1965
19670096082	Quantisation, sampling and dispersion with correlation measurements	1965
19670096158	Liquid oxygen tank district assembly	1965
19670096162	Occupational laser hazards - a survey of the literature, 1956 - 1965	1965
19670096167	Material and structural element allowables - minuteman	1965
19670096169	Monopropellant hydrazine thruster system progress report, 1-31 may 1965	1965
19670096170	Development of a micrometeoroid simulation device	1965
19670096193	The ignition of materials by high yield weapons final report	1965
19670096212	In-flight sound survey, tutor /ct114/ aircraft	1965
19670096217	Tape, Polyester Mat Backing, Pressure Sensitive Specification for	1965
19670096233	Supercritical pressure liquid hydrogen heat transfer data compilation	1965
19670096247	Qualification Tests of Internation In3191 Silicon Rectifiers, 18 June - 26 November 1964	1965
19670096248	Ionospheric observations and solar radio emission data	1965
19670096249	Ionospheric observations and solar radio emission data	1965
19670096266	A study of thin film vacuum deposited junctions semiannual status report, 5 jun. - 5 dec. 1964	1965
19670096269	Upper atmosphere chemical release study quarterly progress report, 1 mar. - 31 may 1965	1965
19670096270	Theoretical performance with external burning on surface	1965
19670096274	L-2000 ecs turbo compressor development work statement	1965
19670096301	Surveillance inspection test on resistor, fixed, carbon film, molded, 1/4 watt	1965
19670096311	Ionospheric observations	1965
19670096319	Development of an orbital receiver for low- frequency radio energy from the planet jupiter quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19670096328	A study on the role of radioactivity and hydrothermal processes in protobiochemistry monthly report, jan. 1965	1965
19670096330	Coating, chlorosulfonated polyethylene, synthetic rubber, application of, specification for	1965
19670096342	Heat flux through an experimental cabin wall for the supersonic transport	1965
19670096348	Packaging design of electronic equipment for space application	1965
19670096350	Sst program phase ii-b model l-2000 supersonic transport airport compatibility study	1965
19670096353	Development of low temperature dielectric coatings for electrical conductors quarterly report	1965
19670096376	Reliability Test of Saturn S-IB Stage High Pressure Transducer (20C85079)	1965
19670096382	Basis for structural design of lockheed model l-2000-4 /phase iib/ supersonic transport	1965
19670096389	Thermocouple fastening technique	1965
19670096390	A practical way to consider pilot approach and landing visibility requirements for civil transports and an application to the lockheed sst	1965
19670096406	Zap-1 - a transient, one-dimensional, lagrangian radiation gasdynamics code	1965
19670096424	Radioisotope heat source ir and d program. volume 10 - evaluated neutron cross sections for pu238 and cm244	1965
19670096430	Apollo qualification review report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096433	A siphon break as a blocking valve	1965
19670096437	Hot tube heat exchanger propellant conditioner	1965
19670096438	O-ring and mylar seal	1965
19670096439	Antenna equipment, beacon	1965
19670096442	Inverter, power, static, 115/200 volt, 3 phase, 400 cps	1965
19670096486	An ordinate-uniqueness theorem for the dirichlet problem for the system $\Delta u = v^2$, $\Delta v = u^2$	1965
19670096487	Investigation of the Thermal Conductivity of Certain Liquids and Their Vapours in the Critical Region	1965
19670096499	Temperature Transducers, Variable Resistance Qualification Test Dac Scn 1A67862-5056, -5096, -5136	1965
19670096503	The effect of underwater explosions on underwater storage systems miscellaneous	1965
19670096509	Transpiration and film cooled hypersonic ramjets	1965
19670096519	Hypersonic ramjets - cycles, technology and applications	1965
19670096520	Dual mode ramjet combustion experiments	1965
19670096525	The kgg, its cycle and applications	1965
19670096580	Assessment of thermal design of the geos a spacecraft	1965
19670096582	Analysis of and observations relating to power supply subsystem	1965
19670096584	Qualification of units for use on apollo program final report	1965
19670096589	Space escape and rescue	1965
19670096593	Qualification of indicator, digital display, electroluminescent, alarm /sylvania electroluminescent panels/	1965
19670096607	Evaluation of transducer output characteristics with relation to various output impedance loads	1965
19680000536	Scattering and depolarization of electromagnetic waves by rough surfaces	1965
19680000934	Advanced Valve Technology, a Survey	1965
19680001533	Impact attenuation of manned spacecraft	1965
19680001599	Ground installations for development, qualification, and checkout testing of the Apollo space vehicle	1965
19680065359	Measuring Sea State and Estimating Surface Winds from a Polar Orbiting Satellite	1965
19680065898	Studies of lunar and martian soil mechanics quarterly progress report	1965
19680066189	Research Turbine and Compressor Equipment Monthly Progress Report	1965
19680068059	Flammability Characteristics of Some Organic Spacecraft Materials in Zero Gravity	1965
19680068647	Aerodynamic Characteristics at Mach 2.30, 2.60, and 2.96 of a Supersonic Transport Model with a Modified M Wing	1965
19680068709	Comparison of pressure rise in a hydrogen dewar for homogeneous, normal-gravity quiescent, and zero gravity conditions, flight 9	1965
19680069193	Design and development of a thermo-ionic electric thruster interim report	1965
19680069206	Aspects of nasa-oart space research	1965
19680070053	Technology utilization program monthly status report, mar. 1965	1965
19680070054	Transfer of nasa and other government sponsored technology to commercial applications, special report	1965
19680070055	A pilot program for investigation of various techniques to enhance the utilization of new knowledge related to or stemming from aerospace research and technology quarterly report, 1 apr. - 30 jun. 1965	1965
19680070056	Space and technology transfer program of the university of pittsburg annual report	1965
19680070060	Center for application of sciences and technology annual report	1965
19680070062	Construction of a profile of the existing economic structure of the region surrounding the southeastern state college quarterly status report, 1 oct. - 31 dec. 1965	1965
19680070063	Regional facility for transfer of aerospace information to industry quarterly status report	1965
19680070064	Utilization of nasa-generated space technology by midwestern industry quarterly progress report, 1 aug. - 31 oct. 1965	1965
19680070070	Utilization of nasa-generated space technology by midwestern industry quarterly progress report, 1 feb. - 30 apr. 1965	1965
19680070071	Regional technology transfer program quarterly report, 1 apr. - 30 jun. 1965	1965
19680070072	Utilization of nasa-generated space technology by midwestern industry quarterly progress report, 1 nov. 1964 - 31 jan. 1965	1965
19680070073	Medical applications of nasa-developed science and technology quarterly progress report, 31 mar. - 30 apr. 1965	1965
19680070074	Utilization of nasa-generated space technology by midwestern industry quarterly progress report, 1 may - 31 jul. 1965	1965
19680070075	Regional technology transfer program quarterly report, 1 jan. - 31 mar. 1965	1965
19680070076	Regional facility for transfer of aerospace information to industry quarterly status report, 1 nov. 1964 - 31 jan. 1965	1965
19680070184	Design and development of a thermo-ionic electric thruster interim report	1965
19680070314	Annual oart research program review, 11-12 october 1965	1965
19680070315	Nimbus a flight 1 report, 28 aug. - 24 sep. 1964	1965
19680070411	Measurements of thermal conductivity and specific heat on monsanto 198 coolant fluid	1965
19680070686	Surveyor project objectives and flight objectives for missions a through d	1965
19680070688	Surveyor mission a flight test objectives	1965
19680070971	Structures 1 - the response of beams and rings to high-intensity, short-duration loading	1965
19680071010	A Study to Determine the Performance Capabilities of the Scout Vehicle with a Velocity Package	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680071358	Factors affecting the reproducibility of small solid-propellant batch-check rocket motors for quality-control purposes	1965
19680071983	Communications and Business Planning: Two Vital Elements in Government-Sponsored Technology Transfer	1965
19680072131	Study on extraction of water, hydrogen, and oxygen from lunar materials	1965
19680072270	Study of the Automated Biological Laboratory, Project Definition. Volume 6 - Technical appendices, part 2 Final report, 10 Aug. 1964 - 10 Aug. 1965	1965
19680072544	Summary of the functions and capabilities of the structural analysis system computer program	1965
19680072651	Paraglider landing system test program Final report	1965
19680072782	Solar powered electric propulsion spacecraft Bimonthly report	1965
19680072793	Pegasus program Final report	1965
19680073219	Estimation in mixtures of two normal distributions	1965
19680073220	Estimation in a mixture of a Poisson with a negative binomial distribution	1965
19680073561	Alouette 1 Time Charts, July December 1965	1965
19680073817	Surveyor landing aids for Apollo Interim report of NASA working group	1965
19680074002	Finite Amplitude Liquid Oscillations. 1. Free Oscillations Interim Report, Nov. 1, 1964 - Jul. 30, 1965	1965
19680074008	Supersonic and hypersonic inlet state-of-the-art survey	1965
19680074011	Analysis of the linearized supersonic flow about pointed bodies of revolution by the method of characteristics. Part 1 - Rotationally symmetric case	1965
19680074134	A high power microwave diode phase shifter Quarterly progress report, 16 Jun. - 15 Sep. 1967	1965
19680074208	Apollo Extension System /AES/ extravehicular experiment definitions Final report	1965
19680074369	Autoclave Engineers Incorporated 1/4 inch manual manifold valve, P/N 20-7815, 6000 psig service	1965
19680074541	Multilayer circuit board evaluation Final report	1965
19680074563	Thermal test of four Apollo extravehicular space suit configurations - Test series Apollo Bravo	1965
19680074761	Proceedings of the Conference on the Design of Leak-tight Fluid Connectors	1965
19680074762	Aspects of zero leakage technology	1965
19680074763	Development of separable connectors for the Saturn S-4 stage	1965
19680074764	The practical aspects of static-joint leakage monitoring	1965
19680074765	A separable connector design handbook	1965
19680074766	Application of low profile flange design for space vehicles	1965
19680074767	Mathematical approach to interface phenomenon	1965
19680074768	Performance of AFRPL stainless steel connectors	1965
19680074769	A high-temperature threaded connector design	1965
19680074770	Miniaturized tube fittings	1965
19680074771	The importance of quality control and integrity checking	1965
19680074772	Precision tube flaring by controlled metal displacement	1965
19680074773	Leakage detection and measurement	1965
19680074774	An efficient procedure for threaded-connector selection	1965
19680074775	Cyclic strain induced creep - A separable connector design problem	1965
19680074776	The development of a new cryogenic gasket for liquid oxygen service	1965
19680074777	Design and development of an elastomer seal for long term hazardous propellant storage	1965
19680074778	Superfinished surfaces as a means for sealing	1965
19680074779	An evaluation of a quick release fluid coupling having identical mating halves	1965
19680074780	Two fluid connector joining techniques involving large metal deformation	1965
19680074781	Flanged omega seal and diffusion bonded connector designs	1965
19680074782	Swaged tube and duct connector feasibility	1965
19680074783	Exothermic brazing - A new convenience for permanent use connections	1965
19680075465	Task analysis, volume 2	1965
19680075466	Crew performance studies for manned space flight. Volume 3 - Tabular data	1965
19680075659	Probe alignment analysis Final report	1965
19680075715	Cassegrain antenna feed system model ASF-108, volume 1. Technical manual	1965
19680075816	An approximate method for predicting lunar satellite lifetimes and its application to the Delta IMP D and E lunar orbit mission study	1965
19680075973	Black-body sensor test program Final report	1965
19680076200	F-1 uprating study /U/ Final report	1965
19680076439	Advanced valve technology for spacecraft engines Final report, Jul. 1964 - Aug. 1965	1965
19680076789	Aerobee 150A flight NASA 4.13 flight analysis report	1965
19680076851	Feasibility design and test of an ultraviolet air density gage Final report, Jun. 1964 - Jan. 1965	1965
19680076853	User's manual WOTA - A NASA-Lockheed/ Huntsville working-tool ablation program	1965
19680076929	Data processing plan for polar Orbiting Geophysical Observatory /OGO-C/	1965
19680076944	Optical second harmonic generation in ZnS-CdS and CdS-CdSe alloys	1965
19680077012	Nonlinear differential equations for a free flexible rotating space station	1965
19680077094	An investigation of the influence of cyclic prestressing on fatigue of metals	1965
19680077516	Ku band semiconductor T-R device, production engineering measures program Quarterly progress report, 27 Apr. - 27 Jul. 1967	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077566	Fluid mechanics of the axial flow gas turbine with special consideration of the jet engine turbine	1965
19680077779	Periodicity in psychopathology /neuropathology and general pathology/	1965
19680079219	Redesign of the grounding system in the weapon Mk1, mod O	1965
19680082219	Hydrodynamic performance at the median line of a rotor of blunt trailing edge blades performances	1965
19680082611	Online computation of molecular formulas from mass number	1965
19680082638	Optical solar reflector thermal control surface	1965
19680084789	Why system safety and a discussion of system safety standards	1965
19680084910	Utility of satellite communications in project apollo	1965
19680085048	Technical discussions on results of the manned space flight supporting development program	1965
19680085090	Intramolecular energy transfer in homogeneous and mixed lanthanide complexes	1965
19680085231	Xdep-1 - a fortran ii code for the calculation of x ray energy deposition in a layered, multicomponent medium	1965
19680085238	Experiments with a steam-to-water pseudo- blade propulsor for marine application. part 11 - appendix	1965
19680085244	Ejection clearances - cf101 aircraft	1965
19680085254	Recorder, Flight Qualification	1965
19680085262	Instant x-ray positive photograph	1965
19680085267	Polyvinylphthalic acid and related polymers final summary report, 15 mar. 1964 - 15 mar. 1965	1965
19680085270	Longitudinal composite modes of a tandem series of shells and shell tanks	1965
19680085275	Qualification test report on switches, electrical, magnetic, general, spst/no/	1965
19680085276	C-1 program weekly status report /technical/, 23-29 dec. 1965	1965
19680085291	Photoelasticity - an optical method for the determination of internal stresses in three- dimensional solids	1965
19680085296	Brayton cycle turbine-compressor monthly progress report, 5 mar. - 4 apr. 1965	1965
19680085306	Component part environmental requirements	1965
19680085324	A configuration study for an improved flight engineer's console design for the lockheed supersonic transport	1965
19680085338	Cordination and correlation of laboratory data on the effectiveness of barrier materials for military packaging applications	1965
19680085339	Phosphonitrilic laminating resins technical report, 1 may 1964 - 30 apr. 1965	1965
19680085346	Ionospheric observations and solar radio emission data	1965
19680085367	Aluminum composites reinforced with beryllium wire	1965
19680085372	Development, fabrication, and delivery of neodymium doped yag laser rods quarterly report, 18 jun. - 18 sep. 1965	1965
19680085374	Brayton-cycle turbine-compressor monthly progress report, 5 aug. - 4 sep. 1965	1965
19680085381	Brayton-cycle turbine-compressor monthly progress report, 5 nov. - 4 dec. 1965	1965
19680085382	Program 624a /titan 3/ system test objectives for standard space launch vehicle no. 4	1965
19680085397	The hose instability some results of a numerical study	1965
19680085402	Sst seat investigation	1965
19680085404	Television equipment, apollo command module	1965
19680085409	Qualification of units for use on the apollo program	1965
19680085412	Research, design, fabrication and testing of flyable quadrupole mass filter systems final report	1965
19680085423	Project sophy solid propellant hazards program	1965
19680085425	Project sophy solid propellant hazards program progress report, 1 sep. - 30 nov. 1965	1965
19680085448	Multiple spark photographic system	1965
19680085451	Qualification of resistor, fixed, wire wound scd 1006714	1965
19680085454	Similarity solutions of hypersonic three- dimensional boundary layers including mass entrainment on blunted axisymmetric bodies at angles of attack. part 1 - analysis final report	1965
19680085465	Miscellaneous technical data - scientific mission support to lesa	1965
19680085467	Manual of Operating Instructions - Newtonian Impact Analysis Computer Program	1965
19680085486	Screen tension water separation system	1965
19680085512	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1-14 may 1965	1965
19680085514	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1 apr. - 1 may 1965	1965
19680085525	Comparison test program of resistor, fixed, composition, molded, 1/2 watt	1965
19680085526	Comparison test program of resistor, fixed, composition, molded, 1/4 watt	1965
19680085531	Aerodynamic noise research support quarterly progress report, apr. - jun. 1965	1965
19680085581	Demonstration of a solid-propellant-motor malfunction - detection and combustion - termination system progress report, 1-30 sep. 1965	1965
19680085585	Communication effectiveness during apollo maneuvers in space	1965
19680085590	Photo device, silicon	1965
19680085593	Surveillance inspection test of resistor, fixed, thermal glass	1965
19680085594	Surveillance inspection test of electron tubes, special purpose, triode, single, receiving	1965
19680085595	Surveillance inspection test of resistor, fixed, carbon film, dipped, 1/8 watt	1965
19680085596	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19680085597	Surveillance inspection test of semiconductors, diodes, fast switching, silicon	1965
19680085598	Printed circuit conductor	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085603	Tracing of corrugations for welding	1965
19680085607	Qualification of daystrom motor generator 733964p1	1965
19680085608	Comparison test program - resistor, fixed, metal film, precision, dipped, 1/4 watt	1965
19680085609	Surveillance inspection test of semiconductors, diodes, rectifier, silicon	1965
19680085627	Comparison test program - resistor, fixed, metal film, precision, dipped 1/4 watt	1965
19680085628	Comparison test program of resistor, fixed, thermal, molded, 1/4 watt	1965
19680085629	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19680085631	Resolver, electrical - induction, pancake	1965
19680085632	Surveillance inspection test of capacitor, fixed, film, hermetically sealed mounted	1965
19680085633	Supersonic inlet duct simulation	1965
19680085642	Hydraulic fluid interaction servovalves monthly technical report, 1 oct. - 1 nov. 1965	1965
19680085659	Surveillance inspection test of semiconductors, transistors, general purpose silicon, npn	1965
19680085660	Comparison test program - resistor, fixed, metal film, precision, dipped, 1 watt	1965
19680085661	Evaluation of dow corning rtv-521 silicone resin	1965
19680085662	Surveillance inspection test of resistors, variable, wirewound, noc, multiturn, linear, .40 watt	1965
19680085663	Comparison test program - capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19680085670	Solution of the interference field for tacan siting, volume 1 interim report	1965
19680085686	Development of an operational induction flowmeter for liquid hydrogen monthly progress report, nov. 1965	1965
19680085695	Development of a Micrometeoroid Simulation Device Quarterly Report	1965
19680085697	Experimental Simulation of Large, High Field, Super Conducting Magnet Operation Summary Report, 1 Jul. 1964 - 28 Feb. 1965	1965
19680085699	Aluminum-boron composites for potential jet engine compressor blade application	1965
19680085705	Starting system - engine compatibility test report for the xb-70a air vehicle	1965
19680085706	Surveillance inspection test	1965
19680085707	Surveillance inspection test	1965
19680085719	Hydraulic fluid interaction servovalves monthly technical report, 1 nov. - 1 dec. 1965	1965
19680085728	Numerical solution of priem's equations of unstable combustion	1965
19680085731	Comparison test program - capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19680085732	Comparison test program - resistor, fixed, metal film, precision, dipped, 1/4 watt	1965
19680085733	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19680085745	Electronic Systems: Program Review	1965
19680085754	Development of thermal protection system for a cryogenic spacecraft module quarterly progress report, 1 jan. - 31 mar. 1965	1965
19680085755	Engineering evaluation potentiometer performance	1965
19680085758	Surveillance inspection test	1965
19680085759	Comparison test program	1965
19680085769	Gemini spacecraft number 4 performance/ configuration specification	1965
19680085783	Branton cycle turbine-compressor monthly progress report, 5 jul. - 4 aug. 1965	1965
19680085819	Information system studies - application of kalman filtering to real-time trajectory determination	1965
19680085823	Study of random process theory quarterly progress report, 1 jan. - 1 apr. 1965	1965
19680085830	Phase 2 c detailed work plan ge4/j5 engine development	1965
19680085833	Strain aging of refractory metals tantalum technical report, jun. 1962 - mar. 1964	1965
19680085845	Brayton cycle turbine compressor monthly progress report, 5 jun. - 4 jul. 1965	1965
19680085848	Development and manufacture of protective clothing for use in hazardous environments monthly progress report, period ending 31 jan. 1967	1965
19680085866	Brayton-cycle turbine-compressor monthly progress report, 5 oct. - 4 nov. 1965	1965
19680085868	Brayton cycle turbine-compressor monthly progress report, 5 may - 4 jun. 1965	1965
19680085869	Brayton-cycle turbine-compressor monthly progress report, 5 sep. - 4 oct. 1965	1965
19680085888	New intersection formulas for trilateration and triangulation	1965
19680085913	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1-30 jul. 1965	1965
19680085914	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1-30 jun. 1965	1965
19680085915	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1-31 aug. 1965	1965
19680085926	Results of failing load test of ascent stage rcs tank support decks	1965
19680085937	Ionospheric observations and solar radio emission data	1965
19680085944	Compressor map performance prediction	1965
19680085948	A comparison of the kalman and bayes minimum variance linear filtering methods with time correlated noise	1965
19680085962	Relativistic electron beam penetrating a longitudinally inhomogeneous plasma	1965
19680085972	Strapped-down imu test program. volume 2 - appendices final report	1965
19680085977	Trial of diaphragm ball valve with nitroglycerine	1965
19680085985	Double action cold forming of beaded skins	1965
19680085990	Weapon system 107c, titan 2. analytical study of the net positive suction head characteristics of the ylr87- and ylr91-aj-5 fuel and oxidizer pumps	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085997	Fish bowl analysis. volume 1. computer program final report, 1 mar. 1963 - 1 nov. 1965	1965
19680085999	Electron density enhancement associated with electrostatic instability	1965
19680086003	A martian horror study - requirements vs. capabilities for the photographic exploration of mars	1965
19680086014	A study of eeg and somatovegetative physiology of the immature chimpanzee during sleep	1965
19680086023	Comparison test program	1965
19680086024	Surveillance inspection test of semiconductors transistors. general purpose, silicon, npn	1965
19680086032	The problem of turbulent wake in a primary flow zur problematik der turbulenten strahlausbreitung in einer grundstroemung	1965
19680086036	Lunar and planetary programs - program review	1965
19680086038	Nasa/usaf liquid propellant blast hazards program. project pyro quarterly progress report, period ending 31 dec. 1965	1965
19680086045	Comparison test program	1965
19680086047	Current research and development trends in mapping, charting and geodesy	1965
19680086058	Management systems	1965
19680086060	The attainment of quality in the military development of airborne mapping systems	1965
19680086064	Brayton cycle turbine-compressor monthly progress report, 5 feb. - 4 mar. 1965	1965
19680086071	Supersonic transport development phase 2b. status - february 1965	1965
19680086073	Apollo guidance and navigation system quarterly progress report, jul. - sep. 1965	1965
19680086074	Supersonic transport status	1965
19680086078	The development of resistance jet thruster systems monthly progress report	1965
19680086079	An analysis of the bias and precision estimates of trajectory measuring systems operation precise round no. 3 volume 1	1965
19680086088	Communication and navigation programs program review	1965
19680086092	Brayton cycle turbine-compressor monthly progress report, period from 5 jan. - 4 feb. 1965	1965
19680086101	Research on combustion of solid propellants technical summary report, 20 apr. 1965 - 30 jun. 1966	1965
19680086104	Status report on explosion-generated water surface waves	1965
19680086109	Investigation of pressure prediction methods for radial flow impellers monthly report, 13 oct. - 13 nov. 1965	1965
19680086117	Evaluation of mks baratron type 77 with 30 mm hg. pressure head range 0 to 30 mm hg absolute	1965
19680086119	Non-metallic materials technical report, 1 jan. - 30 jun. 1965	1965
19680086124	Mwrts operational program analysis and integration final report, 13 nov. 1964 - 13 may 1965	1965
19680086136	Comparison test program of semiconductors, diodes, rectifier, silicon	1965
19680086137	Surveillance inspection test of resistor fixed, composition, molded, 1/4 watt	1965
19680086140	Tracking and data acquisition program review	1965
19680086141	Technology utilization program review	1965
19680086142	Surveillance inspection test of semiconductors, transistors, power, silicon, npn	1965
19680086169	Evaluation of doppler system	1965
19680086180	Development of a prototype plastic space erectable satellite progress report for, jul. 1965	1965
19680086181	Basset c. c. mk. 1 /2 x rolls royce/ continental g10-470-a/. assessment of single engine climb performance in relation to specification requirements	1965
19680086197	Surveillance inspection test of electron tube, special purpose, diode, single, voltage regulating	1965
19680086209	Review of NASA Electrochemical Power Program September 1-2, 1965, Washington, D. C.	1965
19680086227	Improvement in Athena Vehicle Flight Prediction Technique	1965
19680086250	An analysis of the bias and precision estimates of trajectory measuring systems cooperation precise round number 3/. volume 2 - special report	1965
19680086267	On second order strain accumulation in aluminum in reversed cyclic torsion at elevated temperatures	1965
19680086272	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1-31 dec. 1965	1965
19680086276	Project sophy - solid propellant hazards program monthly status report, 1-30 nov. 1965	1965
19680086277	Mars Mission Antenna Studies	1965
19680086278	Atmospheric properties and reflectances of objects and backgrounds for a low sun	1965
19680086300	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1-30 sep. 1965	1965
19680086323	C-1 program weekly status report	1965
19680086325	Evaluation of general electric rtv-30 silicone resin	1965
19680086335	Nasa/usaf liquid propellant blast hazards program monthly progress report, period ending 30 apr. 1965	1965
19680086351	F-5a category ii performance tests. appendix iii	1965
19680086369	Evaluation of dupont number 5504 heat resistant electrically conductive adhesive	1965
19680086374	C-1 program weekly status report, 9 - 15 december 1965	1965
19680086391	Operation manual saturn 5 service and access arms related equipment launch complex 39, volume 5	1965
19680086398	Operational manual saturn 5 s-2 stage service arms launch complex 39, volume 2	1965
19680086403	Evaluation of fasteners and fastener materials for space vehicles quarterly progress report, feb. - apr. 1965	1965
19680086418	Surveillance inspection test of electron tubes, special purpose, diode, single, voltage regulating	1965
19680086421	Surveillance inspection test of semiconductors diodes, control rectifier, silicon	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086424	Surveillance inspection test of electron tubes, special purpose, pentode, receiving	1965
19680086429	Evaluation of rca 2n3439 transistors	1965
19680086431	Transient lunar events - possible causes	1965
19680086432	Geometry of backscattering surfaces as applied to the moon	1965
19680086433	Chemical bonding and shear strength of silicate systems under lunar conditons	1965
19680086434	Lunar water resources	1965
19680086435	A note on petrologic processes and lunar logistics	1965
19680086436	Cryogenic storage on the moon	1965
19680086437	Lunar geothermal power - some problems and potentials	1965
19680086438	A preliminary logistics burden model for the production of lunar ores	1965
19680086439	Impulse propulsion gains resulting from free retanking of propellants on various orbits and stations at the earth, the moon, mars, and venus	1965
19680086440	Economic analysis of extraterrestrial propellant manufacture in support of lunar exploration	1965
19680086441	Space transportation logistic requirements comparison utilizing lunar manufactured propellants	1965
19680086442	The role of lunar resources in post-apollo missions	1965
19680086443	The physical capabilities and logistic support requirements for man on the moon	1965
19680086444	The cost of life support in manned lunar bases	1965
19680086445	Terrestrial agriculture plant and animal research as applicable to extraterrestrial food production	1965
19680086446	Weights of environmental-control systems	1965
19680086447	Leakage in life support systems	1965
19680086448	Project super	1965
19680086450	Surveillance inspection test of semiconductors, diodes, fast switching, silicon	1965
19680086455	Proceedings of the rain erosion conference held at meersburg, west germany, 5th-7th may, 1965	1965
19680086456	Some observations concerning rain erosion of radome materials on u. s. naval aircraft and missiles	1965
19680086457	Rain erosion tests on metallic and non-metallic rotor blade coatings	1965
19680086458	Comparison between observed rain erosion damage of the f104 and erosion results from simulation tests	1965
19680086459	Meteorological parameters relevant to the phenomenon of rain erosion	1965
19680086460	Rain erosion testing facilities at saab and some test results	1965
19680086461	Rain erosion testing at supersonic speeds using rocket-propelled vehicles	1965
19680086462	Wind tunnel rain experiments in the research centre at modane	1965
19680086463	Design of a rotating arm apparatus for circumferential speeds up to 850 m/sec /m equals 2.5/	1965
19680086464	Service experience with rain-erosion-resistant organic coatings	1965
19680086465	Rain erosion of polymers	1965
19680086466	Rain erosion of glass and ceramics	1965
19680086467	Research on cavitation by means of a vibrator	1965
19680086468	The damage to metals on high speed impact with water drops	1965
19680086469	Influence of heat treatment upon the rain erosion resistance of steels	1965
19680086470	Rain erosion resistance of electro-deposits	1965
19680086471	The deformation of solids under high speed liquid impact	1965
19680086472	Disintegration of raindrops by shock waves ahead of conical bodies	1965
19680086473	The dependence of rain erosion on velocity and on the angle of incidence of drops	1965
19680086474	Subsonic and supersonic rain erosion resistant materials research	1965
19680086475	Investigation of the phenomena of rain erosion at subsonic velocity	1965
19680086476	Behaviour of high polymers under shock and vibrational stress as a function of the molecular relaxation processes	1965
19680086477	The formation of lattice defects by shock waves	1965
19680086478	Theoretical aspects on the selection of shockproof glasses and compound systems	1965
19680086482	Evaluation report of the acrostat 103 r magnetic amplifier	1965
19680086493	Piezoelectric crystal temperature sensing system progress report, period ending 31 jan. 1965	1965
19680086570	Design analysis and performance evaluation on electrical contacts for space vehicles interim report, 1 jan. - 31 mar. 1965	1965
19680086577	Probable contaminants and their recommended air levels in space vehicles	1965
19680086579	Primer, silicone, general purpose	1965
19680086584	Brayton cycle turboalternator monthly progress report, 1-31 aug. 1965	1965
19680086586	Brayton cycle turboalternator monthly progress report, 1-31 dec. 1964	1965
19680086601	High power broadband multi-throw diode switches quarterly report, 30 apr. - 30 jul. 1965	1965
19680086603	Brayton cycle turboalternator monthly progress report, 1-30 sep. 1965	1965
19680086604	Brayton cycle turboalternator monthly progress report, 1-30 jul. 1965	1965
19680086613	Inviscid high temperature hypersonic flow of air past pointed bodies of revolution final report	1965
19680086627	Plasma varactors - their use in several types of waveguide couplers and phase shifters	1965
19680086639	Self-repairing digital computers investigation and simulation with application to aerospace guidance and controls. volume 2 - self-repairing digital computer techniques study final technical report, may 1964 - jun. 1965	1965
19680086640	Brayton cycle turboalternator monthly progress report, 1-30 nov. 1965	1965
19680086665	Brayton cycle turboalternator monthly progress report, 1-31 may 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086666	Brayton cycle turboalternator monthly progress report, 1-31 mar. 1965	1965
19680086667	Brayton cycle turboalternator monthly progress report, 1-28 feb. 1965	1965
19680086670	Brayton cycle turboalternator monthly progress report, 1-30 jun. 1965	1965
19680086671	Brayton cycle turboalternator monthly progress report, 1-30 apr. 1965	1965
19680086676	Brayton cycle turbine-compressor monthly progress report, 5 dec. - 4 jan. 1965	1965
19680086682	Interaction of channel exhaust with primary approach flow and analysis of tail interference for the dc-maw vehicle final report	1965
19680086712	Fiber-reinforced metallic composite materials interim engineering progress report, 1 aug. - 1 dec. 1965	1965
19680086719	Program for the automatic plotting of contours of constant flux	1965
19680086728	Brayton cycle turbine-compressor monthly progress report, 5 apr. - 4 may 1965	1965
19680086747	Msfc missile and space booster failure rates	1965
19680086754	Physics and astronomy programs	1965
19680086776	Brayton cycle turboalternator monthly progress report, oct. 1-31, 1965	1965
19680086785	Future programs task group summary report	1965
19680086790	Irradiational effects on reactor structural materials quarterly progress report, may - jun. 1965	1965
19680086806	Cylinder type escapement study	1965
19680086812	Proceedings of the seventh tripartite instrumentation conference /reactors/, volume 2	1965
19680086814	Brayton cycle turboalternator monthly progress report, 1-31 jan. 1965	1965
19680086861	The history and development of flueric devices phase report	1965
19680086862	Lunar landing dynamics specific systems engineering studies final report	1965
19680086881	Flight summary and final report, athena flight 30-b6-n2	1965
19680086886	Feasibility study of hazard evaluation system progress reports	1965
19680086889	Relay socket - evaluation report	1965
19680086895	Flight summary and final report athena flight 26-b004-n01	1965
19680086900	Snap-8 electrical generating system development program	1965
19680086902	Snap-8 electrical generating system development program	1965
19680086926	Honeycomb core forming development terminal report	1965
19680086931	Materials for mechanisms operating in 1200 deg f sodium	1965
19680086963	Separation standards in the long range air traffic control region, with special reference to vertical separation	1965
19680086982	Comparison test program of semiconductors, transistors, general purpose, silicon, pnp	1965
19680086983	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1965
19680086984	Saturn v Launch Vehicle Digital Computer and Data Adapter Prototype Program Monthly Progress Report	1965
19680086999	Operation manual saturn v apollo stage service and access arms launch complex 39, volume 4	1965
19680087007	Feasibility study for development of a hypergolic engine space power system	1965
19680087008	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1 jan. - 1 feb. 1965	1965
19680087034	Design Evaluation/Qualification Vibration Test of the S-IV Engine-Out Sensor Pressure Switches: Model No. Saturn S-IV	1965
19680087040	Improvement of instrumentation used in rf hazard testing final report	1965
19680087045	Evaluation and error analyses of vibration calibration system	1965
19680087047	Imploding cylindrical shock waves in argon	1965
19680087049	Status and progress report, november 1965	1965
19680087069	The synthesis of stable perfluorinated fluids final summary report, 1 oct. 1963 - 30 sep. 1964	1965
19680087071	Project wave - an experimental and theoretical study of scattering from water waves final report, mar. 1964 - jun. 1965	1965
19680087077	Physics and instruments department monthly report for may 1965	1965
19680087078	Physics and instruments department monthly report for jul. 1965	1965
19680087079	Physics and instruments department monthly report for mar. 1965	1965
19680087080	Physics and instruments department monthly report for aug. 1965	1965
19680087083	Reactor research division progress report, 1 oct. - 31 dec. 1965	1965
19680087085	Qualification tests on general instruments type in4385 silicon rectifier	1965
19680087090	Qualification test on kelvin type ep-01 resistors	1965
19680087091	Qualification test on reon type tc-025 wirewound resistors	1965
19680087092	Results of ionizing radiation ground experiments	1965
19680087094	Effects of environment on selected titanium alloys	1965
19680087095	Evaluation test report, precision potentiometer, ac, non-linear, beckman instruments, inc., helipot division	1965
19680087096	Dressen-barnes solid state power supply evaluation	1965
19680087099	Report of test on crystal unit, crystal	1965
19680087109	Temperature stress tests of 8 pyrofilm microwave resistors /type 62d375/	1965
19680087116	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, npn	1965
19680087117	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, chassis mount	1965
19680087145	Qualification tests, absolute hydrazine pressure transducers, 1b31377-1 test report, 13 apr. - 9 sep. 1965	1965
19680087146	Temperature firing of mild detonating fuse /mdf/ final report	1965
19680087151	Transmitter, pressure, very low range dc/dc	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087152	Qualification test on pacific resistor type 5ap fixed resistors	1965
19680087161	Qualification test on american components ee 1/10 film resistors	1965
19680087170	Surveillance inspection test of resistor, fixed, carbon film, molded, 7/4 watt	1965
19680087172	Technology and armament, no. 10, october, 1965 tekhnologiya i vooruzheniye	1965
19680087184	Qualification of units for use on the apollo program	1965
19680087187	Pump purge regulator backup pressure switch, qualification test, p/n 1a67002-501 /j-chg./ Technical memo, 5 mar. - 14 apr. 1965	1965
19680087188	Physical properties of refractory materials quarterly report, 1 aug. - 30 nov. 1965	1965
19680087190	Qualification of units for use on the apollo program - semiconductors, diodes, zener, silicon final report	1965
19680087191	Qualification of units when subjected to the specified environments - semiconductors, transistor, general purpose, silicon, pnp final report	1965
19680087192	Reliability testing of flexible metal convoluted hose assembly insulated, cryogenic	1965
19680087211	Papers presented at the sixteenth msc technical symposium	1965
19680087212	The pegasus spacecraft	1965
19680087213	Gt-4 hand-held self-maneuvering unit	1965
19680087214	Gt-4 extravehicular assembly development	1965
19680087218	Annalysis of polaris fleet failures from ge/od	1965
19680087221	Chemistry and metallurgy division progress report, 1 jul. - 30 sep. 1965	1965
19680087222	Chemistry and metallurgy division progress report, 1 oct. - 31 dec. 1965	1965
19680087223	Development engineering progress report, 1 jul. - 30 sep. 1965	1965
19680087228	Advance engineering branch progress report, 1 oct. - 31 dec. 1965	1965
19680087229	Biology and health physics division progress report, 1 jul. - 30 sep. 1965	1965
19680087232	Chemistry and metallurgy division progress report, 1 apr. - 30 jun. 1965	1965
19680087235	Research on high temperature protective coatings for graphite progress report, 1 dec. 1964 - 28 feb. 1965	1965
19680087236	Task a1-1, oxidation of iridium at high temperatures	1965
19680087237	Task a1-1, oxidation of rhodium	1965
19680087238	Task a2-2 and a3-3, permeabilities of zirconium silicate, zirconia, and thoria to oxygen	1965
19680087239	Task b2-1, chemical reactions of oxides with graphite	1965
19680087240	Task c2-1, chemical reactions to selected oxides with barrier materials /diborides/	1965
19680087241	Task c2-1, chemical reactions to selected oxides with barrier materials /carbides/	1965
19680087242	Task c2-2, mechanical compatibility of oxides with barrier materials	1965
19680087243	Task d-1, the diffusion of carbon through carbides and borides	1965
19680087245	Qualification of fixed wirewound resistor scd 10067-14	1965
19680087250	Surveillance inspection test on semiconductors diodes, general purpose, silicon	1965
19680087253	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19680087254	Environmental testing of rack and panel miniature connectors	1965
19680087255	Physics and instruments department monthly report, september 1965	1965
19680087256	Radionuclide release from aerospace nuclear reactor fuels. 3 - phase one - temperature measurement of fuel under pulsed-neutron irradiation	1965
19680087266	Fuels and materials development program quarterly progress report, period ending 30 sep. 1965	1965
19680087267	Research and development progress report, 1 october to 30 december 1965	1965
19680087268	Progress report, 1 july - 30 september 1965	1965
19680087275	Status report on the snap-8 program, 16 july 1965	1965
19680087277	Evaluation of piconics b series microelectronic variable inductors	1965
19680087290	Collected bibliographies on physical oceanography /1953-1964/	1965
19680087297	Environmental, shock and life test of 6pdt buweps 2016458	1965
19680087299	Fabrication feasibility study of a 20 watt per pound solar array bimonthly report	1965
19680087303	Test Series Number 9 at Martin Middle River Cobalt Source	1965
19680087305	R110 engine for maneuvering spacecraft propulsion	1965
19680087309	Physics and instruments department monthly report, oct. 1966	1965
19680087310	Status and progress report, july 1965	1965
19680087315	Qualification test report for variable resistance temperature transducers /dual element nonseal/ douglas specification control numbers 1b34473-1, -503, and -505, general test plan item no.'s w92f, w92g, and w92h, model no. saturn s-ivb	1965
19680087317	Nickel electroplating on uranium - surface preparation and plating solution studies	1965
19680087324	Qualification test on rcl type 7006 resistors	1965
19680087344	Transformers and inductors /audio, power, and pulse/, general specification for final report	1965
19680087379	Engineering Evaluation Test Report on Semiconductor, Transistor, Fast Switching, Germanium, PNP	1965
19680087383	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1965
19680087443	Test Series Number 8 at Martin Middle River Cobalt Source	1965
19680087490	Comparison test program resistor, fixed, composition, molded 1/4 watt	1965
19680087491	Investigation of modified silicide coatings for refractory metal alloys with improved low-pressure oxidation behavior progress report, 1 dec. 1964 - 28 feb. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087492	Experimental pressure and normal force distribution data for a family of cone- cylinder configurations at test mach numbers from 0.7 to 2.0	1965
19680087508	A comparison of ducted propeller theory with bell x-22a experimental data final report	1965
19680087528	Comparison of operator performance with rotary selector, thumbwheel and digital pushbutton switches	1965
19680087530	Surveillance inspection test on semiconductors, transistors, power, silicon npn	1965
19680087535	Qualification test to establish a 70-percent confidence in the quantitative reliability of hose assembly, flexible, high and low pressure	1965
19680087544	Sea level temperature current test on ms90294 wire	1965
19680087549	Qualifications for use on the apollo program - transformer, saturable core, hermetically sealed, 400 cycles only final report, 16 feb. - 17 may 1965	1965
19680087554	Synthesis of substituted s-triazines	1965
19680087557	Qualification tests, absolute nitrogen tetroxide pressure transducers, 1b31413-1	1965
19680087569	Rayleigh's problem for a binary incompressible gas mixture il problema di rayleigh per un miscuglio incompressibile di due gas	1965
19680087577	Convair wind tunnel test 414, low speed force and moment test on ax-901e-1. a .50 scale model of a depressed towed sonar body data report, 21-26 jul. 1965	1965
19680087590	Shot peening titanium beams for contour correction	1965
19680087595	A low thermal conductivity, low modulus bond system for operation at transient temperatures to 1000 deg f final report, 1 jul. - 31 dec. 1964	1965
19680087596	Fourth-stage scout rocket motor program semimonthly progress report, 16-31 jan. 1965	1965
19680087615	Effect of heat treatment on fatigue strength of selected titanium alloys - sst phase 2b structural materials test program	1965
19680087625	Component quality assurance program connector and flexcable final report	1965
19680087626	Rotor-bearing dynamics design technology. part 1 - state of the art final report, 1 apr. 1964 - 1 apr. 1965	1965
19680087644	Hot impact rubber forming of 8al-1mo-1v titanium sheet manufacturing research report	1965
19680087646	Preliminary evaluation of tubing materials for the sst hydraulic system	1965
19680087661	Metallurgical evaluation of induction heated progressive roll formed ti-8al-1mo-1v manufacturing research report	1965
19680087666	Engineering evaluation test report on resistor, fixed, wire-wound test report, 9 feb. - 29 nov. 1965	1965
19680087679	Development of constitutive relations for a nonlinear viscoelastic continuum	1965
19680087682	Surveillance inspection test of resistor, fixed, composition, molded, 1/4 watt	1965
19680087685	Surveillance inspection test of semiconductors, diodes, zener, silicon	1965
19680087686	Rocket motor, ysr-59-ar-1 /pitch/ final specification report	1965
19680087697	Components irradiation test no. 15 - 2n708, 2n918, s2n1486 and s2n2412 transistors and 2n2498 field effect transistor	1965
19680087698	Shells of revolution subjected to nonsymmetrical loads	1965
19680087702	Con-avionics solid state power supply evaluation technical test report, 7 may - 23 jun. 1965	1965
19680087705	Post qualification of semiconductor, diode, controlled rectifier silicon	1965
19680087707	Surveillance inspection test of semiconductors, diodes, fast switching, silicon	1965
19680087708	Surveillance inspection test of semiconductors, diodes, general purpose, silicon	1965
19680087715	Cleaning of components lubricated with silicone oils	1965
19680087742	Transmitter, pressure, very low range dc/dc	1965
19680087752	Qualification test of extension swivel assemblies. two each p/n 200745 and p/n 200915 - /dumont/	1965
19680087767	Gallium arsenide microwave transistors interim engineering report, 1 aug. - 31 oct. 1965	1965
19680087770	Mark 46 torpedo component periodic test program	1965
19680087777	Qualification of Units for Use on the Apollo Program: Synchros, Control Resolvers, Special Non Buord, 1-30 Volts	1965
19680087778	Qualification of transformer, pulse, encapsulated, low power	1965
19680087779	Qualification of units for use on the apollo program. fuses and circuit protective devices, sealed cartridge final report	1965
19680087804	Qualification of units for use on the apollo program. connectors electrical, mated pair, high voltage, captive, microminiature rectangular final report	1965
19680087812	Supersonic transport economic model ground rules	1965
19680087822	Qualification test report - duct assembly cabin pressure air	1965
19680087830	An evaluation of four airspeed indicator displays	1965
19680087834	Chemical Milling of 7075 Aluminum Tubing	1965
19680087881	Environmental Tests of Aladdin Type 63-1809 Pulse Transformer	1965
19680087888	Summary of auto ignition tests technical report, 3 sep. 1964 - 8 jan. 1965	1965
19680087934	General requirements for resistors, fixed, film /hermetically sealed/	1965
19680087951	Qualification of units for use on the apollo program final report	1965
19680087974	Gallium arsenide microwave transistors, part 1 annual report, 31 jul. 1964 - 31 jul. 1965	1965
19680087990	Thermal test report, model c305a test set power supply	1965
19680087993	Propellant tank thermal analysis with lunar storage of cryogens as examples	1965
19680087996	Qualification of Units for Use on the Apollo Program	1965
19680088003	Joint qualification test of 2 similar silicon varactor diodes manufactured by sylvania electric products inc.	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088045	Compilation of infrared spectra /u/	1965
19680088059	A cursory investigation of the midcourse guidance problem for satellite interception /u/	1965
19680088060	A midcourse guidance scheme for a satellite inspection mission /u/	1965
19680088076	Reliability improvement and weight reduction of the s-1c stage retro motor /u/ monthly technical progress report, 1-31 dec. 1964	1965
19680088077	Design study of an engine system for upper stages of uprated saturn /u/ monthly status report, 22 dec. 1964 - 22 jan. 1965	1965
19680088093	Critical analysis of b-52 stability augmentation and flight control systems for improved structural life. part 2 - structural analysis /dynamic response and structural fatigue due to random gust and maneuvers/	1965
19680088117	High-power microwave tubes symposium, volume 2 /u/	1965
19680088118	Super power dual stage pulsed amplatron /u/	1965
19680088119	250 kv modulating anode design for high power klystron /u/	1965
19680088120	New microwave tube technology for the super power cw amplatron /u/	1965
19680088121	Fluorochemical liquid cooled super power windows /u/	1965
19680088122	Ultra high power duplexing /u/	1965
19680088123	The cvd programme of research and development on high power microwave tubes /u/	1965
19680088124	A high-power, high efficiency ring-bar twt /u/	1965
19680088125	Some recent advances in high-power pen-aid travelling-wave tubes /u/	1965
19680088126	Technique for examining beam loaded resonant structures in pulsed linear beam devices /u/	1965
19680088127	Super power klystron tube development program /u/	1965
19680088128	The design of a 60 mw peak power, 300 kw average power uhf klystron /u/	1965
19680088144	Preliminary fluid mechanics post flight analyses of /low observable re-entry vehicle/ lorv-5 /u/	1965
19680088147	Qualification units for use on the apollo program final report	1965
19680088148	Research toward design of a high wattage vortex arc radiation source and projection system final technical report, oct. 1964 - sep. 1965	1965
19680088164	Filter, oxygen	1965
19680088167	Integrated transducers interim engineering report, 1 jun. - 31 aug. 1965	1965
19680088171	Apollo service module engine naa-85 coating of the nozzle extension	1965
19680088176	Design study of an engine system for upper stages of uprated saturn /u/ monthly status report, 22 mar. - 22 apr. 1965	1965
19680088178	Bibliography on the vulnerability of nuclear weapons. volume 1 - blast environment /u/	1965
19680088179	Bibliography on the vulnerability of nuclear weapons. volume 2 - electronic countermeasures environment /u/	1965
19680088182	Bibliography on the vulnerability of nuclear weapons. volume 5 - fragmentation environment /u/	1965
19680088183	Bibliography on the vulnerability of nuclear weapons. volume 7 - nuclear radiation environment /u/	1965
19680088204	Theoretical vulnerability of the loran-d system. volume 2 - appendices /u/ preliminary vulnerability report	1965
19680088226	Hydraulic fluid selection and development	1965
19680088233	Transformer, power, general purpose, hermetically sealed, 400 cycles only final report	1965
19680088258	Preliminary studies of auditory flight control displays	1965
19680088264	A stretch computer program to determine the motions of missiles using rigid body ballistics	1965
19680088283	Kepco hb 525m power supply evaluation	1965
19680088306	Antenna, HF	1965
19680088313	Comparison study of high strength copper alloys for use as electrical conductor material final report	1965
19680088314	Surveillance inspection test of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1965
19680088332	Evaluation of general electric rtv-11 silicone resin	1965
19680088339	Qualification of units for use on the apollo program. switches, electrical, manual final report	1965
19680088341	Cord assembly, confined detonations final specification report	1965
19680088366	Qualification of trw voltage variable capacitor	1965
19680088381	Qualification of units for use on the apollo program - semiconductors, diodes, fast switching, silicon final report	1965
19680088393	Project ampirt. arpa multiband photographic and infrared reconnaissance test final technical report, 30 mar. 1964 - 1 jan. 1965	1965
19680088546	Model specification for rocket motor yrs61- ar-1 /spin/ final report	1965
19680088555	Mark 46 torpedo component periodic test program	1965
19680088593	Sst sealant investigation status	1965
19680088610	Optical data processor for artemis /u/	1965
19680088612	Terminal interception with reflected sunlight sensor constraints /u/	1965
19680088683	Some aspects of correlation in many-particle systems final report, 1 feb. 1963 - 30 aug. 1967	1965
19680088694	Investigation of hazards accompanying fuel leakage into vapor barrier spaces adjacent to fuel tanks, model I-2000	1965
19680088698	Mechanical stress relief of welds manufacturing research report	1965
19680088699	Synthesis of fluorine containing heteroatomic polymers technical report, 1 may 1964 - 31 mar. 1965	1965
19680088701	Launch operations surveyor sd-2 flight preparation report	1965
19680088728	Fine-wire, multifilament-yarn, metal fabric technical report, feb. 1964 - jul. 1965	1965
19680088751	Physical properties of refractory materials quarterly report, may 1 - jul. 31, 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088787	Mechanical and metallurgical properties of ti-8al-1mo-1v subjected to very high rates of deformation manufacturing research report	1965
19680088820	A fast-acting pressure release valve	1965
19680088877	Technology utilization officer's handbook	1965
19680088885	Wedge opening loading fracture toughness test specimen	1965
19680088886	Qualification testing of wing 2 through wing 6 cases with thin forward skirts final report	1965
19680088890	Inquiry into the function of the ventilating opening in the positive electrode of dry batteries onderzoek naar de functie van het ontluuchtingsgaatje in de positieve electrode van droge batterijen	1965
19680088894	Performance and economic analyses. supersonic transport models	1965
19680088897	Analysis of the data obtained during the visit to the seventh international symposium, 12-18 september, zurich analyse van de gegevens verkregen bij het bezoek aan het zevewde internationale symposium, zurich, 12-18 september	1965
19680088945	"e" trigger system for activating photochromic antifiash shutters final report	1965
19680088949	Transport theory - the method of discrete ordinates	1965
19680088950	Final stress analysis of centaur vehicles ac-6 through ac-15. volume 2 - jettisonable structures. book 1 - surveyor nose firing and related structure, surveyor payload adapter and related structure	1965
19680088955	Development of techniques for vapor-plating passive film components on silicon integrated circuit wafers interim engineering report, 27 jun. - 26 sep. 1965	1965
19680088957	Cabin environmental control requirements and performance based upon component laboratory tests for the model xb-70a air vehicle	1965
19680088960	A discussion of nuclear propulsion using mhd conversion techniques	1965
19680088980	Final stress analysis of centaur vehicles ac-6 through ac-15. volume 1 - propellant tanks, bolt-ons and weldments. book 1 - liquid hydrogen tank - forward bulkhead and related structure	1965
19680088985	Final stress analysis of centaur vehicles ac-6 through ac-15. volume 1 - propellant tanks, bolt-ons and weldments. book 3 - liquid hydrogen tank - structural and insulation bulkheads and station 412 joint, liquid oxygen tank - aft bulkhead, thrust structure, and aft door ring	1965
19680088986	Final stress analysis of centaur vehicles ac-6 through ac-15. volume 1 - propellant tanks, bolt-ons and weldments. book 4 - liquid oxygen tank - bolt-ons and tank weldments	1965
19680088987	Army advanced afcs study, phase 1 final report, 1 mar. - 1 nov. 1965	1965
19680088991	Aerospace structural metals handbook. volume 1 - ferrous alloys	1965
19680089023	Electromagnetic compatibility analysis of the oao fairing electro-explosive circuitry	1965
19680089091	GLV-7 Preliminary Post-Flight Memorandum /Quick Look/ /U/	1965
19680089095	Florida island experiment /u/ final report	1965
19680089104	Gemini Launch Vehicle Performance Report /U/	1965
19680089108	Mol/titan 3 configuration /u/	1965
19680089109	Gemini/titan 2 launch vehicle glv-6 /gemini 7/6/ flight safety review briefing at etr /u/	1965
19680089110	Gemini/titan 2 launch vehicle glv-7 /gemini 7/6/ flight safety review briefing at etr /u/	1965
19680089111	Gemini/titan 2 launch vehicle glv-6 /gemini 7/6/ flight safety review briefing at etr /u/	1965
19680089115	General electric mod 3 gemini look-angle restraints supplement /u/	1965
19680089161	Apollo extension systems /aes/ capabilities for earth orbital and lunar experiments	1965
19680089189	Partial burn summary, final report firings 5-10-20, 5-10-22, 5-10-23 and 5-10-35 /u/	1965
19680089190	Ignition evaluation program, test 5-10-43 /u/ final report	1965
19680089191	Surveillance motor firing number 243b-1-5- 2 /u/ final report	1965
19680089203	Comparison of composite propellants for large solid boosters /u/	1965
19680089237	Microminiature wafer image intensifier studies /u/ final report, mar. 1962 - nov. 1964	1965
19680089262	Ionospheric observations and solar radio emission data	1965
19680089263	Transistor npn silicon planar passivated	1965
19680089270	Report to nasa committee on aircraft operating problems relative to aviation safety engineering and research activities	1965
19680089275	Post-fire materials analysis of solid rocket nozzles final report, 29 jun. - 28 sep. 1965	1965
19680089286	Mechanical test report for the safety evaluation of the snap 19 fuel capsule /u/	1965
19680089318	Feasibility demonstration of a large impulse solid rocket attitude control motor /u/ quarterly technical report	1965
19680089325	Nerva program nrx-a2 test /u/ final report	1965
19680089343	Partial burn failure demonstration motor 5-10-24 /u/	1965
19680089379	Satellite interceptor analog simulation /u/	1965
19680089380	Hypersonic force shock tunnel test results for a six percent scale model of the sv-5 vehicle at mach number 14.5 in the aerospace corporation hypersonic shock tunnel - first series /u/	1965
19680089403	Controlled casting pressure program firing 6-10-7 /u/ final report	1965
19680089404	Surveillance motor firing number 127a-2-5-1 /u/ final report	1965
19680089405	Comparative response studies of 3343 and 3445 tw oscilloscopes, and pulse inverters /u/	1965
19680089421	Flight summary report for athena flights - no. 5-d001-c01 /1 october 1964/ no. 24-d009- c02 /6 august 1965/ no. 27-d033-c03 /13 september 1965/ /u/	1965
19680089433	Aspects of ground tracking support for typical afwtr mol launches	1965
19680089434	Aspects of ground tracking support for typical afwtr mol launches. supplement 1 - further data and conclusions /u/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089440	Ge4/j5 commercial supersonic transport engine /u/ phase 2 b final report, 1 jan. - 30 jun. 1965	1965
19680089451	Preliminary predictions for sslv-4 flame attenuation experiment	1965
19680089542	Laboratory report on electromagnetic compatibility of digital data acquisition system at complex 37	1965
19680089543	Report of the august/september 1965 test firing series project harp	1965
19680089567	The effective wind on parachute delivery accuracy	1965
19680089600	Determination of the gasoline imperviousness of some synthetic materials	1965
19680089718	Examination of a corroded steel plate with the aid of an electron microscope onderzoek van een gecorrodeerde steunplaat met behulp van de electronenmicroscop	1965
19680089731	The canadian hydrofoil project /m.v. bras d'or, 1959-1963/	1965
19680089760	Capabilities for isotope heat source development	1965
19680089765	Detailed test report on the qualification tests of the p90 and p92 shipping containers ws-133b	1965
19680089766	Octahedral research satellite-mark ii for coldwelding experiments quarterly progress report, 1 dec. 1964 - 28 feb. 1965	1965
19680089776	Analysis of two-dimensional wind tunnel tests of rotor blade airfoils of varying camber and leading edge radius	1965
19680089844	System criteria for launch vehicle systems. volume 2 - design trends report /u/	1965
19680089858	Fourth symposium on advanced propulsion concepts. orion space propulsion - technical status and mission potential, parts 1, 2, and 3 /u/	1965
19680089927	High-energy nuclear cascades in matter	1965
19680089933	Qualification of Aerovox Fixed, Ceramic Capacitors	1965
19680089967	Rf interference test of hurletron ac relays	1965
19680090029	Safety in laser operations	1965
19680090130	Qualification of inductor, fixed	1965
19680090131	The use of multi-task situations to investigate human performance	1965
19680090137	Use of extremely small diameter wire in wirewound resistors	1965
19680090164	Vibration evaluation test report for modules 42325-315, 44470-315, and 39815-315	1965
19680090190	Qualification of dale resistor, fixed, wirewound	1965
19680090277	Manning requirements for an advanced attack avionic system - a selected annotated bibliography	1965
19680090285	Human factors problems in mathematical modelling. 1 - responses to information on complex displays	1965
19680090290	Rf interference test of hurletron ac relays	1965
19680090293	Semiconductor Device, Diode	1965
19680090294	Rf interference test of hurletron ac relays, engineering evaluation	1965
19680090331	Apollo Qualification Test Report, Kemet Tantalum Capacitors	1965
19680090332	The formation, stability and influence of carbide dispersions in chromium	1965
19680090339	Qualification of fixed metal film resistors scd no.1006760	1965
19680090356	The application of isotope thermoelectric power systems to the mol	1965
19680090358	As-501 preliminary alternate mission and abort plan	1965
19680090367	Titanium alloy selection report	1965
19680090383	Quarterly progress report, 15 october 1964 - 15 january 1965 /u/	1965
19680090384	Stem elevated camera system /u/	1965
19680090392	Quarterly progress report	1965
19680090393	Report of service acceptance trials on model a-6a aircraft, volume 1 /u/	1965
19680090397	Supersonic combustion ramjet engine program /u/ monthly letter progress report, dec. 1964	1965
19680090398	Supersonic combustion ramjet engine program /inlet/ /u/ monthly letter progress report, dec. 1964	1965
19680090400	Project gemini ascent guidance program and test plan for mod 3 computing system /u/	1965
19680090404	Propulsion evaluation /u/	1965
19680090405	Design studies of a reusable orbital transport, first stage /u/	1965
19680090408	Predictions of electron density and radar cross sections in the wake of the polaris mark 2 reentry body - including angle of attack and sodium contamination effects /u/ final report, tasks a and b	1965
19680090475	Propellant Synthesis Conference: Abstracts and Slides	1965
19680090484	A method to determine re-entry vehicle angle of attack from flight test pressure data /u/	1965
19680090490	Research and exploratory development for the missile propulsion branch, bureau of naval weapons /u/ quarterly report, jan. - mar. 1965	1965
19680090492	Flight test evaluation report for flight test missile 453, weapon system 133b, rocket motor m57e1, minuteman stage 3 /u/	1965
19680090493	History of gemini/titan launch vehicle-3 at etr /u/	1965
19680090495	Apollo Program Development Plan	1965
19680090521	Qualification of encapsulated inductor	1965
19680090532	Investigation of fluid inertial devices for missile control systems	1965
19680090540	Qualification of inductor, fixed	1965
19680090567	The generation of potentials by glass microelectrodes under conditions of fluid flow and applied pressure	1965
19680090568	Human factors problems in mathematical modelling. 2. predicting the time distribution of operators responses	1965
19680090588	Nitrogen saturation of propellants, phase 2 /udmh-hydrazine/	1965
19680090605	System trade-off study report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090606	Improved titan predevelopment follow on program. volume 2 - costs	1965
19680090611	Airborne vehicle assembly concept report, revision 3	1965
19680090633	A remote control brain telestimulator with solar cell power supply	1965
19680090635	Cushion drag	1965
19680090671	Flight sequence report, revision 1	1965
19680090677	Lptv final systems analysis and evaluation report. volume 1 - guidance	1965
19680090682	Aerodynamics characteristics report	1965
19680090688	The application of visual stimulation to relieve vestibular disturbances in a rotating environment	1965
19680090694	Structural design criteria report	1965
19680090699	Large payload test vehicle /lptv/ preliminary system analysis and evaluation document	1965
19680090708	Large payload test vehicle /lptv/ navigational data requirements report	1965
19680090729	Final systems analysis and evaluations. volume 2 - flight control final report	1965
19680090738	A stretch computer program to integrate particle trajectories using navy standard atmosphere	1965
19680090749	A report on the model testing of space propulsion systems and space vehicle interactions	1965
19680090765	Proceedings of the seminar on advanced problems in turbomachinery	1965
19680090786	Thin ferrites for integrated microwave devices quarterly technical report, 1 oct. - 31 dec. 1965	1965
19680090792	Fuel pump cavitation performance improvement and backflow deflector program, weapon system 107c, titan 2 final report, 12 nov. 1963 - 10 mar. 1964	1965
19680090794	Facilities requirements plan, revision 2	1965
19680090795	Weapon system 107c, titan 2 constant-current and radio-frequency alternating-current sensitivity of the titan 2 dual-squib start-cartridge initiator /pn 367676/, addendum report	1965
19680090796	System trade-off study report. supplement 1 to revision 1	1965
19680090798	System tradeoff study report, supplement 1	1965
19680090801	Optical radiation from explosively-shocked noble gases	1965
19680090803	Electrical system trade-off analysis	1965
19680090814	System trade-off study report, 1-29 april 1965	1965
19680090819	Evaluation of some recent developments in liquid rocket propellants /u/ monthly letter report, may 1965	1965
19680090840	Digital computer studies report	1965
19680090853	Environmental criteria analysis report, revision 1	1965
19680090870	Large payload test vehicle second technical direction meeting minutes	1965
19680090878	Flight computations studies report	1965
19680090879	Power summary and load analysis	1965
19680090883	Hardware evaluation and trade off studies report	1965
19680090884	Rf performance of tin oxide vs composition	1965
19680090886	Structural design criteria report	1965
19680090888	Preliminary systems analysis and evaluations, volume 2 - flight control	1965
19680090889	Plating for sequentially laminated boards final report	1965
19680090897	Range instrumentation report	1965
19680090905	System test plan	1965
19680090911	Instrumentation /telemetry/ report	1965
19680090916	Guidance equations document, revision 1	1965
19680090917	Eleventh quarterly reliability report, 1 july - 1 september 1965	1965
19680090926	Surveyor t2n descent test vehicle consent-to- test	1965
19680090939	Ground simulator evaluations of coupled roll-spiral mode effects on aircraft handling qualities final report	1965
19680090947	Aerospace ground equipment plan	1965
19680090949	The use of electromagnetic radiation in the study of planetary atmospheres and surfaces	1965
19680090998	Nasa installations accumulation, dissemination, and utilization of system failure history data	1965
19680091000	Refractory metal coatings by the fused salt process interim engineering report, 1 oct. - 30 dec. 1965	1965
19680091044	Preliminary evaluation of long field items	1965
19680091080	Engineering design handbook. servomechanisms - section 2, measurement and signal converters	1965
19680091082	Feasibility study for a solar ion mass spectrometer final report	1965
19680091151	Engineering design handbook. automotive series - the automotive assembly	1965
19680091163	Ballistic missile series - aerodynamics	1965
19680091211	Servomechanisms. section 3 - amplification, engineering design handbook	1965
19680091221	High-modulus, high-strength reinforcements for structural composites summary report, 1 aug. 1964 - 6 aug. 1965	1965
19680091233	Engine and component test facilities at n.g.t.e.	1965
19680091238	Mechanisms of thermal degradations of vinyl polymers final summary report, jun. 1963 - Nov. 1964	1965
19680091248	Research on the application of chemical protective substances in clothing materials /u/ final report, 2 oct. 1964 - 2 oct. 1965	1965
19680091251	Wasp advanced development program - technical review /u/	1965
19680091252	XB-70A Air Vehicles	1965
19680091253	Dual mode scramjet /u/ monthly letter progress report for jun. 1965	1965
19680091254	Monthly progress letter, 20 january - 28 february 1965 /u/	1965
19680091255	Scramjet flight test program /u/ monthly letter progress report for jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091257	Scramjet flight test program /u/ monthly letter progress report	1965
19680091259	Monthly progress letter number 3, 1-30 april, 1965 /u/	1965
19680091260	Solid and hybrid propulsion for near future nasa missions. part 1 - upper stage applications /u/ final report, 3 may - 3 sep. 1965	1965
19680091261	Quarterly progress report /u/	1965
19680091262	Demonstration of direct lift components /u/	1965
19680091269	Lecture series in differential equations. session 1 - control theory	1965
19680091270	Linear control processes and mathematical programming	1965
19680091271	The lurie problem on nonlinear controls	1965
19680091272	The bang-bang principle	1965
19680091311	Spadats on-site data processing, volume 1 /u/ technical documentary report	1965
19680091312	Spadats on-site data processing, volume 2 /u/ technical documentary report	1965
19680091314	[No Title]	1965
19680091317	Minuteman afetr field test report, ftm 453. volume 2 - flight test /2/	1965
19680091318	Recoverable orbital launch system /rols/ /u/ phase 1 summary report, 16 jan. 1964 - 10 jan. 1965	1965
19680091319	Reentry analysis and modeling of target characteristics /ramtac/ /u/ final summary progress report	1965
19680091328	Space experiments handbook /u/	1965
19680091329	Lgm 30b operational testing launch demonstration number 29 "rosy future" - ftm 1037 flight test report /u/	1965
19680091331	Development plan, advanced development program, pace 2 /u/	1965
19680091335	Rvip No. 3 Data Workshop /U/ Summary Report	1965
19680091337	Downrange Data Report - Athena Flight No. 009 /Missile C006-B07/ /U/	1965
19680091338	Space object identification study /u/ final technical progress report, 10 jul. - 10 oct. 1964	1965
19680091339	Reliability analysis report, revision d /u/	1965
19680091342	Design technique and test results of a quadriform low drag scramjet inlet /u/	1965
19680091343	Wasp rocket advanced development program /u/ quarterly report, 16 mar. - 15 jun. 1965	1965
19680091345	A dual-mode rocket-ramjet propulsion system /u/ quarterly progress report, 29 mar. - 30 jun. 1965	1965
19680091346	Synchronous filter study /u/ final report, 1 apr. 1964 - 31 may 1965	1965
19680091351	Re-entry data report - arpat flight no. 005 /u/	1965
19680091352	Air launch propulsion system study. volume 3, part 2 - packaged liquid component studies /u/ final technical report, 23 jul. 1964 - 22 jan. 1965	1965
19680091415	Calculated performance characteristics of the nasa ab-5 gyro gimbal axis air bearing Final technical report	1965
19680091417	Development status of the northrop ventura steerable cloverleaf parachute	1965
19680091441	Critical requirements and dimensions in the evaluation of air traffic controller proficiency	1965
19680091473	Third stage minuteman production support program, volume 1 /u/ quarterly progress report, 1 may - 31 jul. 1965	1965
19680091476	Wide band phased arrays /u/ final report, 1 jan. 1963 - 31 dec. 1964	1965
19680091479	Report on feasibility of molecular emission calibration source for line intensity measuring instrument /u/	1965
19680091519	Penetration mechanisms of high-velocity projectiles final report	1965
19680091535	Weapon system 133b individual motor report, u.s. air force eastern test range flight test of m55e1 minuteman stage 1 motor 0010067 flight test missile 457 /u/	1965
19680091545	Flight test evaluation report - missile 8b	1965
19680091557	Individual motor report u. s. air force eastern test range flight test of m55e1 minuteman stage 1 motor 0010064 flight test missile 454 /u/	1965
19680091558	Weapon system 133b individual motor report u. s. air force eastern test range flight test of m55e1 minuteman stage 1 motor 0010068 flight test missile 458 /u/	1965
19680091559	Individual motor report u. s. air force eastern test range flight test of m55e1 minuteman stage 1 motor 0010069 flight test missile 459 /u/	1965
19680091576	Mark 3 turbopump assembly. preservation and packaging	1965
19680091584	Compilation of fracture data for aluminum alloys	1965
19680091587	Individual motor report u.s. air force eastern test range flight test of m55e1 minuteman stage i motor 0010063 flight test missile 453 /u/	1965
19680091588	Individual motor report u.s. air force eastern test range flight test of m55e1 minuteman stage 1 motor 0010065 flight test missile 455 /u/	1965
19680091589	Individual motor report u.s. air force western test range flight test of m55a1 minuteman stage 1 motor 0012756 flight test missile 2001 /u/	1965
19680091591	Individual motor report u.s. air force western test range flight test of m55e1 minuteman stage 1 motor 0010066 flight test missile 456 /u/	1965
19680091600	Weapon system 133b. individual motor report, u.s. air force western test range flight test of m55a1 minuteman stage 1 motor 0012753. flight test missile 2002 /u/	1965
19680091601	Weapon system 133b. individual motor report, u.s. air force eastern test range flight test of m55e1 minuteman stage 1 motor 0010062. flight test missile 452 /u/	1965
19680091605	Weapon system 133b. individual motor report, u.s. air force eastern test range flight test of m55e1 minuteman stage 1 motor 0010062. flight test missile 450 /u/	1965
19680091606	Individual motor report, u.s. air force eastern test range flight test of m55e1 minuteman stage 1 motor 0010061 flight test missile 451 /u/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091615	Research in fluorine chemistry /u/ summary report, 1 may 1964 - 30 apr. 1965	1965
19680091634	Systems analysis of lash homing projectile weapons system, supplement to task 1, phase 2 /u/ final report	1965
19680091635	Lash-homing projectile weapons system-system analysis, task 2 /u/ final report, oct. 1964 - may 1965	1965
19680091636	Program plan rvip follow-on /u/	1965
19680091638	Weapon system 133b. static-test firing of second-stage wing 6 minuteman motor 52qt-9 /u/ final technical operating report	1965
19680091642	Relay qualification testing	1965
19680091670	Molding precision microballon-filled epoxy parts in plastisol molds	1965
19680091671	Accel - automated circuit card etching layout	1965
19680091701	Evaluation of page model no. cp94dr-500 differential pressure transducer s/n 12585	1965
19680091723	Resistors - fixed wirewound, metal encased, .50-1 watt	1965
19680091728	Resistor - fixed, wirewound, metal encased, 10 watt	1965
19680091736	Evaluation of the endevco model 2714 charge amplifier	1965
19680091745	Some temperature considerations in transistor circuit design	1965
19680091764	A computer program for performing reliability analyses	1965
19680091772	Evaluation of taber model 250-sa pressure transducer, range 0-10000 psig, s/n 651051	1965
19680091775	Processing conditions and their effects on the dimensional behavior of precision plastic moldings. 1 - delrin parts	1965
19680091785	Data acquisition report for solid propellant rocket motor static firings - 260-inch aerjet rocket firing, homestead, florida, 25 september 1965	1965
19680091791	A guide for the application of hermetically sealed, direct current, electromagnetic relays	1965
19680091803	Whole-body vibration of standing subjects	1965
19680091819	Transient flow field analysis around a conical body exposed to a blast wave	1965
19680091861	Predicted shock wave patterns for a supersonic conical missile passing through a blast wave	1965
19680091906	Height-interval timer	1965
19680091963	Second source qualification test engineering test report	1965
19680091967	Run in of gear surfaces	1965
19680092000	Ws 107A-2 Titan 2 Weapon System: Mark 4 and Mark 6 Re-entry Vehicle GOE/GSE Integration Design Criteria	1965
19680092024	Comparative analyses - surveyor mission vs. related missions and technology	1965
19680092025	Pulse shaped load construction /relation between microscopic and macroscopic phenomena/ stoten op staafvormige constructies./verband tussen microscopische en macroscopische verschijnselen/	1965
19680092082	Performance of selected vehicles /u/	1965
19680092083	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52qt-6 /u/ final report	1965
19680092085	Weapon system 133a - individual motor report. u. s. air force eastern test range flight test of m55e1 minuteman stage 1 motor 0010058, flight test missile 445 /u/	1965
19680092090	Weapon system 133b - static-test firing of second-stage wing 6 minuteman motor 52th-2 /u/ final report	1965
19680092091	Gemini Launch Vehicle Performance Report /U/ Technical Operating Report No. 29	1965
19680092165	Flight test of minuteman second-stage motor 52ftm-453, quick look summary /u/	1965
19680092171	Improved titan predevelopment /u/ quarterly reports, 1 jul. 1964 - 26 jan. 1965	1965
19680092194	Marshall space flight center remote sensing symposium	1965
19680092263	Hypersonic ramjet heat transfer and cooling program /u/ status report, jun. - sep. 1965	1965
19680092297	Spectrophotometric determination of total oxides of nitrogen by ferrous sulfate reaction	1965
19680092346	Survey of techniques for utilizing hardware redundancy	1965
19680092382	Behavior of bf3 proportional counters and boron deposits subject to reactor irradiation comportement des compteurs proportionnels a bf3 et a depot de bore, soumis aux radiations d'un reacteur	1965
19680092398	Ltv Hypervelocity Wind Tunnel Force Test of a Ram C-1 Model with Water Injection at the Nose /u/	1965
19680092403	Stellar acquisition feasibility flights. volume - technical /u/ program progress report	1965
19680092406	Fretting fatigue with particular reference to "anti-fret" treatments	1965
19680092413	Weapon system 133b. flight-test firing of second-stage wing 6 minuteman motor 52ftm-453 /u/ final report	1965
19680092414	Weapon system 133b. static-test firing of second-stage wing 6 minuteman motor 52qt-11 /u/ final report	1965
19680092460	Qualification report on capacitor, fixed, tantalum, solid, lead mount	1965
19680092476	An analysis of the internal leakage characteristics of certain marotta valves	1965
19680092482	Full qualification test report on semiconductor, transistor, general purpose silicon, pnp	1965
19680092501	Qualification test report on semiconductors, transistors, general purpose, silicon, npn	1965
19680092506	Solar powered electric propulsion system study	1965
19680092513	Delta inertial guidance system program plan, volume 2	1965
19680092537	Estimated Rigid and Flexible Aerodynamic Derivatives for XB-70 Air Vehicle No. 1	1965
19680092546	Comparison test program of capacitor, fixed, tantalum, wet, hermetically sealed, lead mount	1965
19680092584	Static test firing of second-stage wing 6 minuteman motor 52qt-8 /u/ final technical operating report	1965
19680092585	Brute force gyro feasibility study /u/ final report	1965
19680092587	Estimated Performance Report for the XB-70A Air Vehicle No. 2	1965
19680092613	A study of NASA-University relations Final report, 1 Apr. - 30 Nov. 1965	1965
19680092628	University programs - Program review	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092653	A normal acceleration command system with gust alleviation features	1965
19680092702	Research on photochromic compounds for flashblindness protection. Volume 1 - Development of the type SY-116 photochromic goggle system for nuclear flash protection Final report, 21 Oct. 1964 - 31 Aug. 1965	1965
19680092712	Fluid control system study	1965
19680092753	Coil, inductance, fixed, 12 KC, 20MW, 3.15 VAC RMS, ferromagnetic, encapsulated	1965
19680092857	Search for an excited electron of mass in the range of several hundred MeV	1965
19680092895	Force-controlled vibration testing on environmental simulation equipment, vibration, less than 20,000 CPS	1965
19680092975	Boeing Model 946 Burner 2, Solid Rocket Upper Stage, Volume 1	1965
19680093012	Multiconfiguration approximation for atomic species of lithium type	1965
19680093017	Fock self consistent field for the positive ion of carbon	1965
19680093024	Formulating a generalized Hartree method	1965
19680093137	The turbulent supersonic base pressure problems A comparison between a theory and some experimental evidence	1965
19680093171	The drag due to lift of plane wings at subsonic speeds	1965
19680093209	[No Title]	1965
19680093254	Performance evaluation of Atlantic Research Corporation Arcocel 365 and Arcocel 333E solid propellants /U/	1965
19680093255	Altitude testing of the Lockheed Y43 solid-propellant rocket motor with nozzle area ratios of 300-1 and 150-1 /S/N's Y43-5 and Y43-2/ /U/	1965
19680093281	Development of strontium-90 space fuel process /U/	1965
19680093351	Joining of refractory/austenitic bimetal tubing Monthly letter report, Aug. 14 - Sep. 13, 1965	1965
19680093355	The OAO in association with a manned space station. Volume 2. Technical studies	1965
19680093371	The OAO in association with a manned space station. Volume 1 - Summary	1965
19680093372	The OAO in association with a manned space station. Volume 3 - Appendix	1965
19680093379	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Nov. - 13 Dec. 1965	1965
19680093399	Roll and yaw error minimization analysis	1965
19680093534	Guidance for the Surveyor Mission	1965
19680093572	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Jul. - 13 Aug. 1965	1965
19680093573	Joining of refractory/austenitic bimetal tubing Monthly letter report, 26 May - 13 Jul. 1965	1965
19680093574	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Oct. - 13 Nov. 1965	1965
19680093601	Flight mechanics of space vehicles - A summary of technical research documents	1965
19680093602	Application of curve fitting procedures to determine linear and non-linear characteristics of aircraft from flight test results	1965
19680093634	Air Force nuclear engineering test facility pneumatic tube irradiation facility	1965
19680093643	Research and exploratory development for the Missile Propulsion branch, Bureau of Naval Weapons /U/ Quarterly report, Jul. - Sep. 1965	1965
19680093660	Beryllium ballistic impact procedure	1965
19680093662	Three special cases of Azusa mark 1 accuracy	1965
19680093673	Program of analytical and experimental study of porous metal ionizers Monthly progress report, Nov. 1965	1965
19680093680	Tungsten-rhenium alloy ionizer development Monthly progress report for Oct. 1965	1965
19680093681	Program of analytical and experimental study of porous metal ionizers Monthly progress report for Oct. 1965	1965
19680093696	Isotope Brayton cycle power system Bi-weekly progress report no. 7, 3-16 Feb. 1965	1965
19680093697	Isotope Brayton cycle power system Bi-weekly progress report no. 8, 17 Feb. - 2 Mar. 1965	1965
19680093698	Isotope Brayton cycle power system Bi-weekly progress report no. 4, 23 Dec. - 5 Jan. 1965	1965
19680093699	Isotope Brayton cycle power system Bi-weekly progress report no. 5, 6-19 Jan. 1965	1965
19680093700	Isotope Brayton cycle power system Bi-weekly progress report no. 6, 20 Jan. - 2 Feb. 1965	1965
19680093701	Contamination exposures of columbium and tantalum alloy specimens Monthly project status report, May 25 - Jun. 25, 1965	1965
19680093702	Contamination exposures of columbium and tantalum alloy specimens Monthly project status report, Jun. 25 - Jul. 25, 1965	1965
19680093703	Contamination exposures of columbium and tantalum alloy specimens Monthly project status report, 26 Oct. - 25 Nov. 1965	1965
19680093704	Contamination exposures of columbium and tantalum alloy specimens Monthly project status report, Aug. 25 - Sep. 25, 1965	1965
19680093706	Investigation of space radiator protection Progress report, Jul. 1-31, 1965	1965
19680093709	Investigation of space radiator protection Progress report, Aug. 1-31, 1965	1965
19680093710	Investigation of space radiator protection Progress report, 1-30 Sep. 1965	1965
19680093711	Investigation of space radiator protection Progress report, 1-31 Oct. 1965	1965
19680093712	Investigation of space radiator protection Progress report, 1-30 Nov. 1965	1965
19680093713	An experimental investigation of a magnetoplasmadynamic power generator Monthly progress report, 30 Jun. - 31 Jul. 1965	1965
19680093714	Facilities acquisition necessary to support work for NASA Monthly progress report, 24 Jun. - 31 Jul. 1965	1965
19680093755	A FORTRAN 2 programme to evaluate the boundary layer condition after reattachment in two dimensional or axisymmetric supersonic flow	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093803	Tungsten-rhenium alloy ionizer development Monthly progress report, Sep. 1965	1965
19680093804	Program of analytical and experimental study of porous metal ionizers Monthly progress report, Sep. 1965	1965
19680093813	Program of analytical and experimental study of porous metal ionizers Monthly progress report, Aug. 1965	1965
19680093822	Isotope Brayton cycle power system Bi-weekly progress report no. 12, 14-27 Apr. 1965	1965
19680093823	Isotope Brayton cycle power system Bi-weekly progress report no. 14, 12-25 May 1965	1965
19680093824	Isotope Brayton cycle power system Bi-weekly progress report no. 9, 3-16 Mar. 1965	1965
19680093827	Isotope Brayton cycle power system Bi-weekly progress report no. 11, 31 Mar. - 13 Apr. 1965	1965
19680093831	Isotope Brayton cycle power system Bi-weekly progress report no. 10, 17-30 Mar. 1965	1965
19680093851	A design investigation of a laboratory for evaluation of large optical systems Final report	1965
19680093859	Survey of thermal properties of selected materials	1965
19680093860	Qualification test report for 25-29288-6 resistor-fixed, wire wound	1965
19680093874	Monthly letter report, November 1965 /U/	1965
19680093881	Advanced design array radar. Volume 2 - ADAR-1 description /U/ Semiannual report	1965
19680093882	Advanced design array radar. Volume 3 - ADAR-2 description /U/ Semiannual report	1965
19680093888	Minuteman AFETR field test report - FTM 455 flight test /U/	1965
19680093889	Multifunctional, auxiliary propulsion module study program /U/ Monthly progress report, Jan. 1965	1965
19680093890	Final calibration book for reentry vehicle instrumentation program /U/	1965
19680093891	Terminal homing instrument. Volume 2 - Technical description and analysis /U/ Final report, 1 Sep. 1964 - 1 May 1965	1965
19680093892	Hypersonic Ramjet program. Volume 2 - Ramjet engines for hypersonic cruise and boost applications /U/ Technical report, 1 Mar. - 31 Dec. 1964	1965
19680093903	Re-entry data report - LORV-7 /U/	1965
19680093904	CX-6 V/STOL - Assault transport support system study /U/	1965
19680093905	Low-Observable Reentry Vehicle /LORV/ program detailed flight test and experimental plan large-scale test vehicle L-24 /U/	1965
19680093906	Minuteman AFETR field test report - FTM 456 - Flight test /U/	1965
19680093907	Military applications of millimeter-wave technology /U/	1965
19680093908	ECM system effectiveness against area defenses /U/	1965
19680093920	Advanced development program for an advanced O2/H2 aerospike engine /U/	1965
19680093928	System Test Objectives for Gemini Launch Vehicle, NASA Mission Gemini 7. Appendix A - Trajectory Printout	1965
19680093932	Apollo Service Module Engine /U/ Monthly Progress Report, Period Ending 15 Nov. 1965	1965
19680093934	Sterilizable propellant - TP-H-3105 /U/	1965
19680093940	Stability of LMH-2 in liquid carriers /U/ Quarterly progress report, Sep. - Nov. 1965	1965
19680093963	Research on ion beam diagnostics Monthly progress report, period ending 31 Jan. 1965	1965
19680093966	Research on ion beam diagnostics	1965
19680093967	Research on ion beam diagnostics Monthly progress report, 31 Mar. 1965	1965
19680093971	Program of analytical and experimental study of porous metal ionizers Monthly progress report, Jul. 1965	1965
19680093972	Program of analytical and experimental study of porous metal ionizers Monthly progress report, May 1965	1965
19680094008	Apollo service module engine /U/ Monthly progress report, period ending 15 Jul. 1965	1965
19680094010	Research and exploratory development for the Missile Propulsion Branch, Bureau of Naval Weapons /U/ Quarterly report, Oct. - Dec. 1965	1965
19680094011	Research and exploratory development for the Missile Propulsion Branch, Bureau of Naval Weapons /U/ Quarterly report, Apr. - Jun. 1965	1965
19680094023	Scramjet technology review /U/ Status and planning	1965
19680094025	RVIP program /U/ Quarterly report	1965
19680094026	Re-entry data report - Minuteman missile 1150 with Mark 2 nose cone /U/ Reentry data report	1965
19680094075	Oceanographic atlas of the North Atlantic Ocean. Section 1. Tides and currents	1965
19680094123	An experimental investigation of a magnetoplasmadynamic power generator Monthly progress report, 31 Jul. - 31 Aug. 1965	1965
19680094124	An experimental investigation of a magnetoplasmadynamic power generator Monthly progress report, 31 Aug. - 1 Oct. 1965	1965
19680094150	A preliminary evaluation of focused radiant heating	1965
19680094154	Experimental investigation of a magnetoplasmadynamic power generator Monthly progress report, 1 Nov. - 1 Dec. 1965	1965
19680094159	An experimental investigation of a magnetoplasmadynamic power generator Monthly progress report, 30 Sep. - 31 Oct. 1965	1965
19680094168	Formation of thin-film passive devices by vacuum techniques	1965
19680094169	Formation of thin-film active devices by vacuum techniques	1965
19680094183	Isotope Brayton cycle power system Bi-weekly progress report no. 18, 7-21 Jul. 1965	1965
19680094186	Isotope Brayton cycle power system Bi-weekly progress report no. 16, 9-22 Jun. 1965	1965
19680094192	Program of analytical and experimental study of porous metal ionizers Monthly progress report for Apr. 1965	1965
19680094194	Isotope Brayton cycle power system Bi-weekly progress report no. 19, 21 Jul. - 3 Aug. 1965	1965
19680094195	Isotope Brayton cycle power system Bi-weekly progress report no. 17, 23 Jun. - 6 Jul. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680094202	Isotope Brayton cycle power system Bi-weekly progress report no. 15, 26 May - 8 Jun. 1965	1965
19680094216	Research on improved high-modulus, high- strength filaments and composites thereof	1965
19680094237	Solid and hybrid propulsion for near future NASA missions. Part 1 - Upper stage applications /U/ Final report, 3 May - 3 Sep. 1965	1965
19680094268	The effects of inversion upon lung volume and ventilation	1965
19680094274	Evaluation of micro quantities of aluminum	1965
19680094278	Nitrogen Tetroxide/titanium Alloy Stress Corrosion Investigation, Volume 2	1965
19680094305	Responses of healthy subjects to stresses of selected athletic events	1965
19680094308	Birdnesting control /U/	1965
19680094309	FATE semiannual progress report /U/ Semiannual report, 15 mar. - 30 Jun. 1965	1965
19680094310	Third quarterly progress report under contract SD-149 /U/	1965
19680094311	Re-entry data report AFWTR no. 7530 /U/	1965
19680094312	Advanced re-entry programs, semiannual report, volume 1 - Aerophysics and observables, 1 December 1964 - 1 June 1965 /U/	1965
19680094313	Performance prediction report for Low-Observable Reentry Vehicle /LORV/ L-2a /U/	1965
19680094315	Wing 6 category 1 flight test report FTM 2001 "Rebel Ranger" /U/	1965
19680094316	Titan 2/MIRV performance analysis /U/ Final report	1965
19680094317	Re-entry data report - Athena flight no. 014 /missile B001-Q01/ /U/	1965
19680094318	Superresolution studies, phase 3 /U/	1965
19680094338	Apollo S-band rendezvous system	1965
19680094345	Re-entry data report - WTR test 7758 /U/	1965
19680094346	Re-entry data report - WTR test no. 7530 /U/	1965
19680094347	Re-entry data report - Athena flight no. 015 missile B003-Q003 /U/	1965
19680094348	Pace 2 summary development report no. 3 /U/	1965
19680094350	A simulation study of Teflon surface blowoff chemistry /U/ Technical report, Jan. 1964 - Jul. 1965	1965
19680094351	Re-entry data report AFWTR no. 7608 /U/	1965
19680094393	Procedures for jet noise prediction	1965
19680094399	NRX candidate accelerometers irradiated at Plum Brook reactor facility experiment 23/W006 /PBRF cycle 38P, no. 11W/	1965
19680094403	Artificial production of mechanical twins in anorthite, Ca Al ₂ Si ₂ O ₈	1965
19680094425	Hills-McCanna Company 1/2 inch manual ball valve type F-602 1000 psig service	1965
19680094456	Digital data acquisition system - Instruction manual	1965
19680094460	A spatial disorientation demonstrator Interim report, Jun. - Sep. 1964	1965
19680094470	Induced drag on sharp and blunt cones due to laminar viscous interaction	1965
19680094483	Rigid polyurethane foams 1. Mechanical properties	1965
19680094485	Inertial guidance system of the third stage of ELDO telemetry interface	1965
19680094490	EFCO Hydraulics, Inc., 4-inch ball valve, normally closed manufacturer's part number D-2158	1965
19680094493	Three-way ball valve Flodyne Controls, Inc., model number 10D35 and thermistor assembly Test report	1965
19690066294	Development of Subcritical Cryogenic Nitrogen Storage Systems for Orbital Flight Demonstration	1965
19690066297	The study of heat transfer and the flow mechanics of vapor condensing in small straight tubes. Part 1 - Experimental measurements of the wave characteristics of condensing flow in a horizontal tube Final report	1965
19690066340	Quality assurance inspection plan for development of subcritical cryogenic oxygen storage systems for orbital flight demonstration	1965
19690067092	Reliability demonstration using overstress testing	1965
19690067113	Ultraviolet image converter tube development Final report, 20 Dec. 1964 - 20 Aug. 1965	1965
19690067291	Effects of cavities, protuberances, and reaction-control jets on heat transfer to the Apollo command module	1965
19690067320	Design, development, and fabrication of thermal measuring systems Final report, 25 Jun. 1964 - 25 Mar. 1965	1965
19690067490	The effect of transducer impedance on dynamic measurements	1965
19690068041	Many electron theory Ab-initio calculation for the Be atom. 1. Numerical results and discussion	1965
19690068992	Design development, fabrication and delivery of one sound intensity calibration Final report	1965
19690070119	Improved Techniques for Power Conditioning for Ion Thrustor Application	1965
19690070683	Manned Earth Orbital Missions, 2nd Edition. Objectives and Potential Experiments for Earth Science Remote Sensing Flights	1965
19690070794	Preliminary Mission Definition for Post-Apollo Manned Exploraion of Space: Manned Earth Orbital Missions, 2nd Edition	1965
19690070837	Manned Lunar Orbital Missions	1965
19690070865	Manned Lunar Orbital Missions	1965
19690071187	Navigator study of electric propulsion for unmanned scientific missions. Volume 3 - Spacecraft performance and summary	1965
19690071544	Quality audit handbook	1965
19690071616	Investigation of the mechanisms of superconductivity by nuclear irradiation Final report	1965
19690071648	Summary of work performed 1 July 1964 - 30 April 1965 Final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690072356	History of the George C. Marshall Space Flight Center, 1 Jan. - 31 Dec. 1965, volume 2	1965
19690072633	The constants of the semicircular canal differential equation	1965
19690072653	The dynamics of the semicircular canals	1965
19690072673	Nystagmus and body control for inputs of repeated patterns	1965
19690073001	On the oscillation of solutions of a second- order linear differential equation	1965
19690073258	Development and fabrication of two ring laser systems	1965
19690073295	Dynamic Stability Characteristics in Pitch of Models of Proposed Apollo Configurations at Mach Numbers from 0.30 to 4.63	1965
19690073495	On the Hermite Fujiwara Theorem in Stability Theory	1965
19690075450	An interferometric receiver for submillimeter radiometry	1965
19690075848	A mathematical model of the human thermal systems Final report	1965
19690075963	Determination of dynamic fluid pressures	1965
19690076084	Preliminary geologic map - Pisgah Crater and vicinity, California Technical letter	1965
19690076138	Project Apollo flight-test report, boilerplate 22	1965
19690076217	Static and Dynamic Analysis of the Cryogenic Propellant Loading System, Volume 2	1965
19690076522	Mariner 4 mission to Mars, part 2	1965
19690077481	Handbook of designations and specifications for Soviet non-metallic polymeric materials	1965
19690078224	MIG welding in an open gap Summary report, 27 Jun. 1964 - 15 Mar. 1965	1965
19690079378	The development of accelerometer test methods Summary report	1965
19690079421	Orbital lifetime study Monthly progress report for Jul. 1965	1965
19690082098	A program for the evaluation of a new pipe welding method	1965
19690082215	An assessment of the pulse reactor fuel rod design by the Metallurgical Subcommittee of the APRSP	1965
19690082434	Vortex motions	1965
19690082680	Preliminary flammability testing of electrical wire insulations	1965
19690086487	Surveillance inspection test on capacitor, fixed, tantalum, foil, hermetically sealed, lead mount, mil-general	1965
19690086506	Development of improved adhesives for use at cryogenic temperatures to -423 deg F Quarterly progress report, 1 Jan. - 31 Mar. 1965	1965
19690086507	Apollo guidance and navigation. Show- banksum and final block 1 AGC selfcheck	1965
19690086564	Tests conducted to determine effects of atmospheric compositions and gravity on burning properties Summary report	1965
19690086614	Feasibility study of oxygen/hydrogen powdered metal ignition Quarterly progress report, 16 Dec. 1964 - 15 Mar. 1965	1965
19690086620	Nondestructive measurement of residual stresses in metals and metal structures	1965
19690086648	Feasibility study of oxygen/hydrogen powdered metal ignition Quarterly progress report, 16 Mar. - 15 Jun. 1965	1965
19690086702	Program for the automatic plotting of contours of constant flux	1965
19690086734	Generation of an intense high frequency field by the injection of a high energy electron beam into a resonant structure	1965
19690086821	Sage Engineering and Valve Company 9/16 inch check valve p/n 9003, 6000 psig service	1965
19690086839	Engine and component test facilities at N.G.T.E.	1965
19690086889	Futurecraft corporation 1/4 in. calibration valve P/N 90625-1 mod. 6000 psig service	1965
19690086931	Crane Company 1/4 inch manual ball valve, P/N 1/4-B-98727-B 1000 psig service	1965
19690086932	Flodyne Controls, Inc., cam operated ball valve part number 3A19 Test report	1965
19690086950	Errors in strength tests and recommended corrections	1965
19690087002	Valve, ball shutoff - Flodyne Controls, Incorporated part number 10C15	1965
19690087070	Autoclave Engineers Incorporated 1/4 inch manual manifold valve P/N 20-7815, 6000 psig service	1965
19690087092	Crane Company 1/2 manual ball valve P/N 1/2-B-98728-B 1000 psig service	1965
19690087093	Flodyne Controls, Inc., Part number 5A10 hand valve	1965
19690087107	Electronic timers for ordnance, volume 2 /U/	1965
19690087108	Electronic timer requirements for non-nuclear projectiles and warheads /U/	1965
19690087109	Electronic timers-programmers for Atomic Demolition Charge /ADC/ /U/	1965
19690087110	Electronic timers for nuclear missile application /U/	1965
19690087111	Development of an electric time fuze for artillery use /U/	1965
19690087112	Reentry data report - WTR test no. 7777 /U/	1965
19690087113	Ballistic reentry studies /U/ Semiannual technical summary report, Dec. 1964 - Jun. 1965 1965	1965
19690087114	R and T notes /U/	1965
19690087170	Study of human factors and environmental control/life support systems for lunar exploration systems Progress report	1965
19690087233	The corrosion behavior of the nickel-base alloy INCONEL 625	1965
19690087234	The technical requirements for tests on constructional materials in fluid sodium in the Institute for Reactor Structural Elements	1965
19690087237	Sterer Engineering, and Manufacturing Company solenoid valve manufacturer's number 11420	1965
19690087247	Sealol Valves Inc. valve, check, 8-inch, 150-pound, NASA part no. 75M05752, HCV-5	1965
19690087274	Experimental solid-state pressure sensor Final report	1965
19690087282	Jamesbury Corporation ball valve part number 3/4 HT36GT	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087289	S-band circuit margin block 2	1965
19690087297	Safety analysis report advanced test reactor	1965
19690087323	Location and importance of fission products in a sodium-cooled fast reactor with leakproof clads and vented clads	1965
19690087342	Variable resistors /carbon film/ Qualification test report	1965
19690087390	Scope of the 1965 flight-deck data collection on height-keeping in the North Atlantic	1965
19690087399	Research and development investigation of lead-calcium battery decline in nuclear submarine operation Progress report, 8 Dec. 1964 - 8 Jun. 1965	1965
19690087402	Versatel lens with 80/40 inch focal length	1965
19690087403	Study of the application of perceptrons for prediction of solar flares - Solar flare forecasting with a recognizing automation Final report	1965
19690087537	Relief valve, control components, part number RV805-16TT Interim report	1965
19690087580	J. E. Lonergan Company relief valve, model number 41 W209M	1965
19690087595	Analysis of flight failure data to predict safety factors of man-rated systems Monthly progress report, 1-31 Jan. 1965	1965
19690087650	Component test report on filter, electrical, medium frequency band rejection, fixed tuned	1965
19690087665	Dynamic response of the hydrodynamic support for Saturn 5	1965
19690087707	Laboratory logbook no. 3, Nimbus C flight 2, Nimbus control system laboratory logbook no. 3, Nimbus C flight 2, Nimbus control system	1965
19690087709	Flight Nimco system development test log sheets, book no. 5, 1/21/65, Nimco 104 thermal vacuum, pages 1-11, 1/28/65-vacuum thermal test, pages 10-23, 2/1/65 and 2/2/65 post vacuum thermal pages no. 26	1965
19690087736	James, Pond, and Clark part number 5199 T1-4 TB-1700 relief valve	1965
19690087737	Cost effectiveness study of radiography and other methods of non-destructive testing Final report	1965
19690087750	Liquid-oxygen tanking density for the Atlas/Centaur vehicle	1965
19690087754	Nimbus Technical Control Center Quarterly report, 1 May - 31 Jul. 1965	1965
19690087756	Development of Nimbus C data system /computer programs/ Quarterly progress report, 1 Jul. - 1 Oct. 1965	1965
19690087757	Development of Nimbus C data system /computer programs/ Monthly progress report, Oct. 1965	1965
19690087778	Nimco system development test log sheets, book no. 6, 6-28-65, vehicle 104, Nimbus C	1965
19690087779	Nimco system development test log	1965
19690087780	Operation and maintenance of Nimbus ground station Monthly progress reports, Jul. - Aug. 1965	1965
19690087781	Nimbus Technical Control Center Monthly progress report, Oct. 1965	1965
19690087800	Minuteman AFETR field test report - FTM p54- Flight test, volume 2 /U/	1965
19690087802	Research in reentry physics /U/ Semiannual technical summary report for the period ending 30 Jun. 1965	1965
19690087803	Laser reconnaissance set. USAF model AN/AVD-1 P-E model Mark IIE /U/	1965
19690087877	Instruction manual for the APTS bench check equipment for the APTS/Nimbus flight models F-1, F-3, F-5, and F-6	1965
19690087893	Nimbus/Agema 6201 orbital separation distance study	1965
19690087908	Development of Nimbus C data system /computer programs/ Quarterly progress report, 1 Apr. - 1 Jul. 1965	1965
19690087911	Nimco system development test log sheets book no. 7, 8, 9, 10, 8-8-65, vehicle 104	1965
19690087918	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Jun. - Aug. 1965	1965
19690087920	Flox-diborane technology	1965
19690087928	Nimbus A sensory subsystem thermal flight data evaluation report	1965
19690087957	An analysis of fast AVCS gridding for the Nimbus C data system	1965
19690087999	Stabilization and control subsystem. Nimbus meteorological satellite, phase 1 prototype and flight Monthly progress reports, Mar. 1965	1965
19690088000	Stabilization and control subsystem. Nimbus meteorological satellite, phase 1 prototype and flight Monthly progress reports, Apr. 1965	1965
19690088002	Automatic Picture Transmission /APT/ subsystem Nimbus meteorological satellite Final report	1965
19690088034	Nimbus meteorological satellite, phase 1 prototype and flight Monthly progress reports, May 1965	1965
19690088038	Automatic Picture Transmission Subsystem /APTS/ for the Nimbus meteorological satellite	1965
19690088054	Stabilization and control subsystem - Nimbus meteorological satellite, phase 1 prototype and flight Monthly progress reports, Feb. 1965	1965
19690088055	Integration and testing of the Nimbus meteorological satellite, failure summary report no. 21	1965
19690088074	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Dec. 1964 - Feb. 1965	1965
19690088083	Environmental test report spare battery module 153 for the NOS-5 power supply subsystem	1965
19690088085	Pellicle beam splitter Monthly progress report, 1-31 May 1965	1965
19690088086	SLV-2/LV-2A/S-01. Flight termination system report - AFWTR Nimbus C and ISIS-X programs	1965
19690088087	Nimbus C interface plan and schedule document. IPSD no. 100, issue 1	1965
19690088088	Nimbus C retro maneuver study Final report	1965
19690088097	Solar - Conversion power supply subsystem for Nimbus satellite Quarterly technical report, 5 Nov. 1964 - 5 Feb. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088113	Flight no. 302 sensory ring thermal-vacuum testing Engineering evaluation report	1965
19690088114	NIMCO system development test log sheets, book no. 1	1965
19690088115	Integration and testing of the Nimbus meteorological satellite - Prototype spacecraft S/N 204	1965
19690088124	Solar-conversion power supply subsystem for Nimbus satellite Quarterly technical report, 5 Feb. - 5 May 1965	1965
19690088125	Nimbus C system test program plan	1965
19690088131	Nimbus meteorological satellite - Phase 1 prototype and flight Monthly progress reports	1965
19690088142	Development of Nimbus C data system /computer programs/ Quarterly progress report, 1 Jan. - 1 Apr. 1965	1965
19690088178	Development of Nimbus C data system /computer programs/ Monthly progress report, Jan. 1965	1965
19690088187	Qualification test report, delay line	1965
19690088191	Report on engineering evaluation of the phase 4 prototype sensory ring thermal-vacuum testing	1965
19690088212	Stabilization and control subsystem - Nimbus meteorological satellite, phase 1 prototype and flight Monthly progress reports, Aug. 1965	1965
19690088228	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Test log for flight model F-3 HRIR/APT/XMTR/HAX/ interface model	1965
19690088229	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter for Jan. 1965	1965
19690088230	Power supply Monthly progress letter for Sep. 1965	1965
19690088235	Stabilization and control subsystem - Nimbus meteorological satellite, phase 1 prototype and flight Monthly progress reports, Jan. 1965	1965
19690088247	Programmers manual for the TAPS language /version 2/	1965
19690088252	Solar conversion power supply subsystem for the Nimbus satellite Monthly progress letter for Feb. 1965	1965
19690088253	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter for Mar. 1965	1965
19690088254	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter for Apr. 1965	1965
19690088282	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, May 1965	1965
19690088283	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Jun. 1965	1965
19690088284	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter, Jul. 1965	1965
19690088292	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Calibration data for flight model camera F-6A Data report, 14 Jun. - 12 Jul. 1965	1965
19690088304	Solar-conversion power supply subsystem for Nimbus satellite Quarterly technical report, 5 May - 5 Aug. 1965	1965
19690088307	Checkout procedures for Nimbus APTS flight models F-6A and F-6B /TP-1844002/	1965
19690088309	Instruction manual for the AVCS/HRIR subsystem CDA ground station equipment	1965
19690088314	Power supply Monthly progress letter for Aug. 1965	1965
19690088315	Solar conversion power-supply subsystem for Nimbus satellite Monthly progress letter for Dec. 1965	1965
19690088353	A program of research and development of low input voltage conversion and regulation Quarterly progress report, 14 Jun. - 14 Sep. 1965	1965
19690088371	Standard program plan applicable to small quantity orders fabricated in engineering to NPC-200-3	1965
19690088398	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter, Jan. 1965	1965
19690088403	Medium resolution infrared subsystem transmitter/isolator/antenna interface test report	1965
19690088414	Reliability program plan for day-night meteorological camera subsystem	1965
19690088416	Report to NASA concerning the use of the telemetrics 670 computer to display MRIR data and write all input data on IBM compatible tape	1965
19690088434	Spare battery module and spare electronics module for the NOS 5 power supply subsystem	1965
19690088435	Operations manual, digital computers, Nimbus CDA station, volume 4, addendum 2	1965
19690088437	NOS 5 power supply storage and control subsystem	1965
19690088488	Design and development of a non-dissipative charge controller using a rotary transformer Quarterly report, 17 Jul. - 17 Oct. 1965	1965
19690088496	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus meteorological satellite Quarterly technical report, Jul. - Sep. 1965	1965
19690088499	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter, Apr. 1965	1965
19690088500	AVCS video tape recorder improvement program study Final report, Sep. 1964 - Jan. 1965	1965
19690088511	Integration and testing of the Nimbus meteorological satellite Failure summary report no. 20	1965
19690088544	Orbital lifetime study Monthly progress report	1965
19690088546	Orbital lifetime study Monthly progress report	1965
19690088547	Feasibility study of a beam splitter technique	1965
19690088610	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Test log for prototype model HRIR APT XMTR /HAX/ interface module	1965
19690088611	Life improvement program for the RCA APT storage vidicon Final comprehensive report, Aug. 1964 - May 1965	1965
19690088612	Sunblazer program definition and comparative study, volume 1	1965
19690088630	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Test log for APTS/TOS flight model FT-4	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088636	Instruction manual for the Automatic Picture Transmission Subsystem /ADTS/ Satellite equipment, flight models FT-3 and FT-4 for Tiros meteorological satellite	1965
19690088649	Orbital lifetime study Monthly progress report	1965
19690088680	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite - Calibration data for APTS/TOS flight model camera FT-4 Technical report, 5 May - 7 Jun. 1965	1965
19690088681	Automatic Picture Transmission /APT/ subsystem for Nimbus meteorological satellite Quarterly technical report, Mar. - May 1965	1965
19690088720	Interference prediction model development pulse coded modulation systems	1965
19690088724	Advanced Vidicon Camera Subsystem /AVCS/ Nimbus meteorological satellite Final report	1965
19690088725	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter for May 1965	1965
19690088738	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Final report, Dec. 15, 1964 - Aug. 15, 1965	1965
19690088754	Optimum design of space satellite instrument framework and packaging Interim report	1965
19690088763	Solar-conversion power supply subsystem for Nimbus satellite Quarterly technical report, 5 Aug. - 5 Nov. 1964	1965
19690088782	Technical evaluation of an electronically steerable directional VLF receiving antenna /U/ Final report	1965
19690088791	Strontium-90 fuel program /U/ Monthly progress report, Apr. 1965	1965
19690088818	Stabilization and control subsystem, Nimbus meteorological satellite. Phase 1 - Prototype and flight Monthly progress reports, Sep. 1965	1965
19690088827	Nimbus meteorological satellite. Integration and testing Materials report number 7	1965
19690088828	Stabilization and control subsystem. Nimbus meteorological satellite. Phase 1 - Prototype and flight Monthly progress reports	1965
19690088829	Stabilization and control subsystem. Nimbus meteorological satellite. Phase 1 - Prototype and flight Monthly progress reports	1965
19690088831	Operation of Nimbus CDA computer systems Quarterly progress report, Oct. - Dec. 1964	1965
19690088835	Solar-conversion power supply subsystem for the Nimbus meteorological satellite. Telemetry calibration curves for NOS flight-5 power supply subsystem	1965
19690088841	Breadboard design and evaluation report Nimbus horizon scanner electronics	1965
19690088861	Mechanical maintenance manual for K-300-A and A/P1 automatic picture recorders	1965
19690088869	Nimbus MRR gridding, program design specification	1965
19690088874	Evaluation of spin characteristics of the A-1H/J airplane Final technical report	1965
19690088888	Development of a dielectric-tape camera system for the Nimbus meteorological satellite Interim technical report, 1 Jul. - 15 Dec. 1964	1965
19690088896	Calculations of the characteristics of gaseous nuclear rocket cavity reactors including the effect of hot hydrogen propellant	1965
19690088905	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter no. 48 for Dec. 1964	1965
19690088908	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter no. 46 for Dec. 1964	1965
19690088917	Operation of the Nimbus CDA computer systems Monthly progress report	1965
19690088918	Recommended modifications for the Nimbus gridding system	1965
19690088925	Bench checkout procedures for Nimbus C AVCS satellite equipment	1965
19690088927	Advanced Vidicon Camera Subsystem /AVCS/, for Nimbus meteorological satellite Quarterly technical report, Jan. - Mar. 1965	1965
19690088930	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus-C meteorological satellite - Test log, calibration curves and photometric calibration flight model camera F-4, supplement no. 1	1965
19690088937	Stabilization and control subsystem, Nimbus meteorological satellite. System engineering effort Progress report, Sep. 1 - 30 Nov. 1965	1965
19690088938	Stabilization and control subsystem, Nimbus meteorological satellite. Phase 1 - Prototype and flight Monthly progress reports, Nov. 1965	1965
19690088953	Nimbus system operating instructions	1965
19690088970	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite. Test log for flight model F-6B	1965
19690088989	Failure analysis program on 33 Nimbus cells removed from prototype, F1 and F2 battery modules	1965
19690088991	Monthly progress report, June 1965. Strontium-90 fuel program /U/ Monthly progress report, 31 May - 30 Jun. 1965	1965
19690089008	Leaky cell module failure analysis program Final report	1965
19690089009	Advanced Vidicon Camera Subsystem /AVCS/, for Nimbus meteorological satellite Quarterly technical report, Oct. - Dec. 1964	1965
19690089017	Stabilization and control subsystem, Nimbus meteorological satellite. System engineering effort Progress report, period ending 30 Jun. 1965	1965
19690089018	Operation of Nimbus CDA computer systems Final report	1965
19690089028	Nimbus A and C sensory ring component failure comparison. Part 1 - Up to electrical mate	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089126	Automatic Picture Transmission /APT/ subsystem for the Nimbus meteorological satellite. Test log for flight model F-1 HRIR/APT/XMTR /HAX/ interface module	1965
19690089141	Report on the development of the Manned Orbital Research Laboratory /MORL/ system utilization potential. Task area 1 - Analysis of space related objectives, book 3 /U/	1965
19690089148	Interference prediction model development radar verification	1965
19690089149	Communications-electronics systems effectiveness evaluation method for development	1965
19690089150	Probability distribution of articulation index	1965
19690089152	Electromagnetic radiation EMR testing capability in the interference prediction model	1965
19690089154	Intermodulation analysis based on spectrum signature data, receiver single-mixed cases Development report	1965
19690089161	Interference prediction model development. Calculating sines and cosines for Fourier series analysis	1965
19690089169	Engineer design test of modular container unitized load Final report	1965
19690089187	Design study of the Rectification And Gridding Mosaic Processor /RAGMOP/ Quarterly report, 1 Oct. 1964 - 1 Jan. 1965	1965
19690089212	Evaluation of the ground recorder system of the Nimbus project advanced Vidicon camera system	1965
19690089227	High energy rate densification and forming of metal powders Interim progress report, 1 Sep. 1964 - 1 Jan. 1965	1965
19690089243	Regulator, pressure reducing, dome loaded, 3 1/2-inch I. D. Flowmatics, Inc., model K-000	1965
19690089250	Apco regulator, Apco part number 1341-19T	1965
19690089266	Wing 6 category 1 flight test report FTM 2002 "Dice Spot" /U/	1965
19690089267	Re-entry data report - Athena flight no. 021 /missile C005-B06/ /U/	1965
19690089268	Waveform studies /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19690089269	VIP experiment critique. VIP radiometer data /U/ Final report	1965
19690089270	Re-entry data report - AFWTR test no. 7650. Sea Trap /LORV-2A/, 5 August 1965, Atlas missile 147F /C/	1965
19690089271	VIP experiment critique. Rocking grating spectrometer /U/ Final report	1965
19690089272	VIP experiment critique Langmuir probes /U/ Final report	1965
19690089273	Low-observable reentry vehicle L-4 flight evaluation report /U/	1965
19690089274	Project Defender system and technology studies /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19690089275	Measurement and analysis of boundary layer transition /U/	1965
19690089279	Marotta valve corporation 1/4 inch manual regulator fluid spring control P/N-223724-1 6000 psig	1965
19690089281	High Pressure Equipment Company drawing number 4-1253-1 relief valve	1965
19690089342	Heat treatment by molten glass Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1965
19690089359	Exploratory development of the Q-factor technique	1965
19690089360	Satellite infrared spectrometer power supply Final report	1965
19690089365	Marotta Valve Company pressure regulator manufacturers part number 226774-1	1965
19690089392	Cardair Division of Marman-Herrington Co., Inc., two-way hand valve part no. 3510-0081	1965
19690089415	Pressure reducing regulator Marotta Valve Corporation part number 219004-LA21 test	1965
19690089434	Safety release valve Fluid Mechanics Company part no. Z-920 model no. 443- TG-10 test report	1965
19690089460	Thermal profiles of the Delta spacecraft fairings, volume 3	1965
19690089479	Distribution function of a sum of log-normally distributed variables	1965
19690089480	Tescom Corporation 1/2 inch manual loader - Dome loaded regulator model 269-095, 6000/ 50-6000 psig service	1965
19690089497	Preliminary investigation of scramjet for Ballistic Systems Division missions /U/	1965
19690089498	Re-entry data report - Athena flight no. 019 /missile D004-P06/ /U/	1965
19690089499	Re-entry date report - WTR flight test 8338 /U/	1965
19690089500	Re-entry radiation measurements for VIP 2 and VIP 3 /U/	1965
19690089524	On estimating two-dimensional section drag	1965
19690089553	Flowmatics Corporation y-globe valve, 4-inch Final test report	1965
19690089556	Pacific Valves Incorporated, straight-globe valve, 4-inch Final test report	1965
19690089557	Flowmatics Corporation straight-globe valve, 4-inch Final test report	1965
19690089564	Security y-globe valve, 4-inch Final test report	1965
19690089581	Periodic production test	1965
19690089605	Model A-7A airplane flight control, hydraulic and pneumatic systems tests	1965
19690089642	Manned Interplanetary Spacecraft Systems Research Study Report	1965
19690089680	Solid state plasma microwave generators Interim engineering report, 1 Dec. 1964 - 28 Feb. 1965	1965
19690089701	Welding of monel-cast-pin tear and hot-ductility tests	1965
19690089703	Symposium on hypergolic rocket ignition at altitude	1965
19690089715	Experimental investigation of the heat transfer from a coaxial heat source to confined straight axial or vortex flow	1965
19690089721	Some applications of the reciprocity principle in acoustics	1965
19690089727	Hot electron amplifier Interim engineering report, 1 Jan. - 31 Mar. 1965	1965
19690089730	Vacco Valve, Inc. Straight globe valve, 4- inch Final test report	1965
19690089733	An apparatus for determination of the tensile behavior of brittle fibers	1965
19690089734	Fabrication of spherical carbide particles Semiannual report, 1 Jul. - 31 Dec. 1964	1965
19690089744	Investigation of the absorption of waterborne sound in the frequency range 1 KHz to 6 KHz	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089766	Experiments on the heat treatment of fuel kernels prepared by the sol-gel process. Project Dragon	1965
19690089767	Determination of the enriched uranium content of samples by gamma spectrometry. Project Dragon	1965
19690089785	The preparation of graphite with a narrow spectrum of fine pores, Project Dragon	1965
19690089789	Hammel-Dahl Y-globe valve, 4-inch Final test report	1965
19690089794	Combination Pump Valve Company hand valve, part number Q-3020, revised A /also known as part number 380-5-P/	1965
19690089812	Hammel-Dahl straight globe valve, 4-inch Final test report	1965
19690089813	The Annin Company Y-globe valve 4-inch	1965
19690089814	Pacific Valves, Inc., Y-globe valve, 4-inch Final test report	1965
19690089842	Corrosion resistance of non-specification aerospace greases used at McDonnell Final report	1965
19690089845	Programming manual. Technical description test panel NDC-1050A computer, volume 2	1965
19690089862	A FORTRAN II programme to evaluate the boundary layer condition after re-attachment in two dimensional or axisymmetric supersonic flow	1965
19690089875	Description of a simple device for recording variations in luminescent absorption during ultracentrifugation for purposes of analysis	1965
19690089906	Army information and data systems. Narrative description of systems	1965
19690089933	Advanced flight mechanics and guidance studies. Volume 3 - Booster cutoff equations for a six-hour lunar transfer injection window Final technical report	1965
19690089934	Vertical wind speed profiles and their variability within the 30-100 km altitude interval over Cape Kennedy, Florida	1965
19690089959	Advanced flight mechanics and guidance studies. Volume 2 - A procedure for calculating payload-launch window data for the earth-orbit-rendezvous mission Final report	1965
19690090052	The acoustic analog of the Yagi antenna	1965
19690090095	Saturn 1B/Minuteman. Part 1 - Program definition phase. Volume 2 - Detailed technical volume Final report, 4 Dec. 1964 - 30 Jan. 1965	1965
19690090105	Monthly progress report for March 1965	1965
19690090106	Monthly progress report for December 1964	1965
19690090109	Power supplies using high frequency modules Monthly progress report, Aug. 1965	1965
19690090115	Ion rocket system research and development Monthly progress report, 1-28 Feb. 1965	1965
19690090117	Ion rocket system research and development Monthly progress report, 3-30 Apr. 1965	1965
19690090118	Ion rocket system research and development Monthly progress report, 1-31 Mar. 1965	1965
19690090119	Optimization of transfer trajectories by application of the calculation of variations	1965
19690090127	Power supplies using high frequency modules Monthly progress report, Nov. 1965	1965
19690090130	Behavior of various adsorbates on metal substrates Monthly progress report, 1-31 Jul. 1965	1965
19690090131	Power supplies using high frequency modules Monthly progress report, Oct. 1965	1965
19690090132	Power supplies using high frequency modules Monthly progress report, Sep. 1965	1965
19690090133	Hall current accelerator	1965
19690090135	Development and testing of porous ionizer materials Progress report, 1-30 Sep. 1965	1965
19690090136	Development and testing of porous ionizer materials Progress report, 1-31 Aug. 1965	1965
19690090137	Development and testing of porous ionizer materials Progress report, 1-31 Jul. 1965	1965
19690090142	Development and testing of porous ionizer materials Progress report, 1-30 Nov. 1965	1965
19690090148	Development and testing of porous ionizer materials Progress report, 1-31 May 1965	1965
19690090149	Development and testing of porous ionizer material Progress report, 1-30 Apr. 1965	1965
19690090150	Ion rocket system research and development Monthly progress report, 1-31 May 1965	1965
19690090152	Development and testing of porous ionizer materials Progress report, 1-30 Jun. 1965	1965
19690090153	Monthly progress report for January 1965	1965
19690090158	Studies of alkali metal corrosion on materials for advanced space power systems Status report, 26 Jun. - 26 Jul. 1965	1965
19690090159	Studies of alkali metal corrosion on materials for advanced space power systems Status report, 26 Sep. - 26 Oct. 1965	1965
19690090160	Improved techniques for power conditioning for ion thruster application Monthly progress report, 31 Dec. 1964 - 31 Jan. 1965	1965
19690090161	Improved techniques for power conditioning for ion thruster application Monthly progress report, 31 Jan. - 28 Feb. 1965	1965
19690090162	Improved techniques for power conditioning for ion thruster application Monthly progress report, 30 Nov. - 31 Dec. 1964	1965
19690090191	Residence time calculations Supplement to final report	1965
19690090197	Failure effect analysis review ground support equipment Saturn 5, Launch Complex 39A	1965
19690090199	Work function and adsorption energy calculations Supplement to final report	1965
19690090200	Fabrication and testing of liquid-mercury cathodes in an electron bombardment ion thruster Quarterly report, 1 Nov. 1964 - 31 Jan. 1965	1965
19690090202	Studies of alkali metal corrosion on materials for advanced space power systems Status report, 26 Jan. - 26 Feb. 1965	1965
19690090203	Studies of alkali metal corrosion on materials for advanced space power systems Monthly status report, 26 Oct. - 26 Nov. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090209	Fabrication and testing of liquid-mercury cathodes in an electron bombardment ion thruster Quarterly report, 1 Feb. - 30 Apr. 1965	1965
19690090210	Phase shifted inverters employing silicon gate controlled switches Monthly report, 31 Jan. 1965	1965
19690090215	Progress in the design, development, fabrication, test and delivery of a high efficiency, light-weight, reliable power converter for ion thrusters Monthly report, 1-30 Sep. 1965	1965
19690090218	Studies of alkali metal corrosion on materials for advanced space power systems Status report, 26 Apr. - 26 May 1965	1965
19690090221	James, Pond, and Clark, Inc., 1/4-in calibration valve, P/N P24-425, 6000 psig service	1965
19690090222	Racine Machinery and Hydraulics, Inc., manufacturer's no. 985002 deceleration valve	1965
19690090245	Progress in the design, development, fabrication, test, and delivery of high efficiency, light-weight, reliable power converter for ion thrusters Monthly report, 1-31 Aug. 1965	1965
19690090266	Robbins Aviation, Inc., 3/8-in manual valve P/N SSKA375B-6C-768, 600 psig service	1965
19690090268	Futurecraft Corp. manual valves, P/N 30233 and 30279	1965
19690090269	Tescom Corp. 1-in manual valve, P/N 30-1021- 116, 600 psig service	1965
19690090358	Design study of an engine system for upper stages of uprated Saturn /U/ Monthly status report, 22 Jan. - 22 Feb. 1965	1965
19690090388	Engine and component test facilities at NGTE	1965
19690090417	Hydromatics, Inc., 6-in ball valve, P/N 231S7	1965
19690090426	Crane Co. 1-in Manual Ball Valve, P/N 1-B-98728-A, 150 Psig Service	1965
19690090428	Valve, ball, shutoff, Flodyne Controls, Inc., P/N 10C17	1965
19690090430	Hydromatics, Inc. 64-in ball valve, P/N 231-P6	1965
19690090461	Progress in the design, development, fabrication, test, and delivery of a high- efficiency, light-weight, reliable power converter for ion thrusters Monthly progress report, 1-30 Nov. 1965	1965
19690090462	Progress in the design, development, fabrication, test, and delivery of a high- efficiency, light-weight, reliable power converter for ion thrusters Monthly progress report, 1-31 Oct. 1965	1965
19690090466	Studies of alkali metal corrosion on materials for advanced space power systems Monthly status report, 26 Jul. - 26 Aug. 1965	1965
19690090467	On research and development of superconducting thin films Progress report, 15 Jun. - 15 Sep. 1965	1965
19690090478	Research on a superconducting niobium-thorium eutectic alloy and superconducting composites Quarterly report	1965
19690090487	Phase shifted inverters employing silicon gate controlled switches Monthly report, 1-28 Feb. 1965	1965
19690090500	Manned Space Flight cost models and their applications	1965
19690090504	Crane Company Manual Ball Valve P/N 11/2-K- 5589-B, 150 Psig Service	1965
19690090527	Supporting Data for the Attitude, Stability and Control Study of a Manned Orbital Telescope	1965
19690090532	An analytical and experimental program for the further development of a charged liquid colloid source Monthly report for Mar. 1965	1965
19690090533	An Analytical and Experimental Program for the Further Development of a Charged Liquid Colloid Source Monthly Report for Apr. 1965	1965
19690090537	An analytical and experimental program for the further development of a charged liquid colloid source Monthly report for Jul. 1965	1965
19690090539	An analytical and experimental program for the further development of a charged liquid colloid source Monthly report for May 1965	1965
19690090540	An analytical and experimental program for the further development of a charged liquid colloid source Monthly report for Aug. 1965	1965
19690090542	Development of techniques for producing charged colloidal particles Monthly report for Oct. 1965	1965
19690090543	Development of techniques for producing charged colloidal particles Monthly report for Aug. 1965	1965
19690090545	An analytical and experimental program for the further development of a charged liquid colloid source Monthly report, Feb. 1965	1965
19690090546	An analytical and experimental program for the further development of a charged liquid colloid source Monthly report, Jan. 1965	1965
19690090547	An analytical and experimental program for the further development of a charged liquid colloid source Monthly report, Dec. 1964	1965
19690090549	Development of techniques for producing charged colloidal particles Monthly report, Jul. 1965	1965
19690090550	Development of techniques for producing charged colloidal particles Monthly report, Sep. 1965	1965
19690090553	Evaluation and demonstration of the use of cryogenic propellants /oxygen-hydrogen/ for reaction control systems	1965
19690090556	An analytical and experimental program for the further development of a charged liquid colloid source Monthly report for Jun. 1965	1965
19690090574	Some notes on filter testing undertaken at AEE Winfrith	1965
19690090575	Studies of alkali metal corrosion on material for advanced space power systems Monthly status report, 26 Mar. - 26 Apr. 1965	1965
19690090578	Electron bombardment cesium ion engine Monthly progress report, 1-30 Nov. 1965	1965
19690090580	Electron bombardment cesium ion engine Monthly progress report, 1-30 Sep. 1965	1965
19690090594	Electron bombardment cesium ion engine Monthly progress report, 1-30 Jun. 1965	1965
19690090595	Electron bombardment cesium ion engine Monthly progress report, 3-31 May 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090596	Electron bombardment cesium ion engine Monthly progress report, 1-31 Aug. 1965	1965
19690090601	Flow meter and prototype mercury feed system development Monthly progress report, 1-30 Nov. 1965	1965
19690090602	Flow meter and prototype mercury feed system development Monthly progress report, 1-31 Oct. 1965	1965
19690090603	Flow meter and prototype mercury feed system development Monthly progress report, 1-30 Sep. 1965	1965
19690090604	Flow meter and prototype mercury feed system development Monthly progress report, 1-31 Aug. 1965	1965
19690090619	Behavior of various adsorbates on metal substrates Quarterly progress report, 1 Dec. 1964 - 28 Feb. 1965	1965
19690090620	Automatic computation of swingby and flyby trajectories /the SWIFLY program/	1965
19690090673	Re-entry data report, AFWTR no. 8330 /U/	1965
19690090681	Minuteman flight test report /U/	1965
19690090682	Minuteman flight test report /U/	1965
19690090683	Minuteman flight test report /U/	1965
19690090710	Minuteman flight test report /U/	1965
19690090712	Minuteman flight test report, April 1965 /U/	1965
19690090713	Minuteman flight test report /U/	1965
19690090714	Penetration radar /PENRAD/ - Phase 2 /U/	1965
19690090715	Wing 6, category 1, flight test report FTM 2009 " Low Tree" /U/	1965
19690090719	An analysis of the accuracy of the Pershing missile system based on the results of test firings /U/	1965
19690090761	Shrike ATS sun sensor evaluation	1965
19690090768	Deposition of strongly adherent cadmium coatings by vacuum evaporation	1965
19690090806	Servo amplifiers - Study relating to transistorized integrated, potted non-repairable	1965
19690090811	Spectrum utilization analysis /TACOM/	1965
19690090812	Area center test	1965
19690090813	Propagation path loss measurement system - Design plan	1965
19690090865	Early post-Apollo cryogenic fuel production system	1965
19690090897	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Sep. - 13 Oct. 1965	1965
19690090917	Resistojet research and development, phase 2 Quarterly progress report	1965
19690090925	MCR liquid metal technology Summar report	1965
19690090942	Launch evaluation report on missile B-58 - "Bold Guy" /U/	1965
19690090992	Lecture series in differential equations. Session 2 - Dynamical systems	1965
19690090993	The Mautner phenomenon and geometric flow theory	1965
19690090994	Dynamical properties of transformation groups	1965
19690091016	Propagation module for the interference prediction model	1965
19690091110	Statistical evaluation of the composition, physical properties, and surface configuration of a terrestrial test site and their correlation with remotely sensed data Interim progress report, 31 Mar. 1965	1965
19690091114	A simple azimuth diagram	1965
19690091115	Zodiacal radio sources - List 4 /1965/	1965
19690091116	Predictions for artificial satellites - Note 1	1965
19690091142	Orbits of the satellites of Mars - Note 1	1965
19690091146	Phase shifted inverters employing silicon gate controlled switches Monthly report, 1-31 Mar. 1965	1965
19690091148	A FORTRAN 2 programme to evaluate the boundary layer condition after re-attachment in two dimensional or axisymmetric supersonic flow	1965
19690091150	Remote sensor studies of the Pisgah crater area, California A preliminary report	1965
19690091333	Arc jet technology research and development Monthly letter report, 1-30 Apr. 1965	1965
19690091334	Ion rocket engine development Monthly progress report, 1-31 Jul. 1965	1965
19690091335	Arc jet technology research and development Monthly letter report, 1-30 Jun. 1965	1965
19690091351	Ion rocket engine development Monthly progress report	1965
19690091352	Ion rocket engine development Monthly progress report, 1 Aug. - 31 Aug. 1965	1965
19690091353	Ion Rocket Engine Development Monthly Progress Report, 1-30 Sept. 1965	1965
19690091360	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19690091377	Alloy ionizer fabrication Monthly progress report, 1-31 Jan. 1965	1965
19690091399	Ion rocket engine development Monthly progress report, 1-30 Apr. 1965	1965
19690091400	Research on spacecraft and powerplant integration problems Monthly report, 27 Dec. 1964 - 26 Jan. 1965	1965
19690091404	Ion rocket engine development Monthly progress report, 1-31 May 1965	1965
19690091407	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Quarterly progress report, 1 Mar. - 31 May 1965	1965
19690091421	Alloy ionizer fabrication Monthly progress report, 1-31 Mar. 1965	1965
19690091423	Development and testing of porous ionizer materials Progress report, 2-28 Feb. 1965	1965
19690091431	B. H. Hadley, Inc. Butterfly valve, 18-inch, part no. 11771-6	1965
19690091433	Alloy ionizer fabrication Monthly progress report, 1-28 Feb. 1965	1965
19690091437	Heat transfer development program Monthly status report	1965
19690091440	Alloy ionizer fabrication Monthly progress report, 1-31 May 1965	1965
19690091441	Alloy ionizer fabrication Monthly progress report, 1-30 Apr. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091443	Alloy ionizer fabrication Monthly progress report, 1-31 Dec. 1964	1965
19690091444	Alloy ionizer fabrication Monthly progress report, 1-31 Aug. 1965	1965
19690091454	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Monthly progress report, 1-30 Nov. 1965	1965
19690091467	MM flight mission reliability. Pad launch application /U/	1965
19690091493	An experimental investigation of radiation effects in semiconductors Semiannual status report, 1 Jul. - 31 Dec. 1965	1965
19690091495	Development of a coaxial plasma gun for space propulsion Monthly progress report, period ending 1 Jul. 1965	1965
19690091506	Research on spacecraft and powerplant integration problems Monthly technical and financial report, 27 Jan. - 26 Feb. 1965	1965
19690091514	Analytical and Experimental Evaluation of Hypersonic Inlets Quarterly Progress Report, 1 Jan. - 31 Mar. 1965	1965
19690091526	A Lifting Re-Entry Horizontal-Landing-Type Logistic Spacecraft (Midterm Report)	1965
19690091531	The synthesis and proof of an analytical model of an ideal Gaussian noise source /U/	1965
19690091546	Phase diagram studies of liquid propellant systems at low temperatures /U/ Final report, 5 Apr. 1962 - 28 Feb. 1965	1965
19690091548	Re-entry data report - WTR test no. 7661 /U/	1965
19690091595	Porous ionizer evaluation Monthly progress report, 1-31 Jul. 1965	1965
19690091616	Heat transfer development program Monthly status report	1965
19690091622	Project definition phase, C-1 engine program Weekly status report, 20-25 May 1965	1965
19690091623	C-1 engine project Weekly status report 16, 16-23 Jun. 1965	1965
19690091634	Orbital testing requirements for guidance and control devices, volume 2	1965
19690091641	Arc Jet technology research and development Monthly letter report, 1-31 Mar. 1965	1965
19690091642	Alloy ionizer fabrication Monthly progress report, 1-30 Jun. 1965	1965
19690091644	Project definition phase - C-1 engine program Summary report, 1 Mar. - 16 Jun. 1965	1965
19690091648	Porous ionizer evaluation Monthly progress report, 1-31 Dec. 1964	1965
19690091649	Porous ionizer evaluation Monthly progress report, 1-31 Aug. 1965	1965
19690091651	Alloy ionizer fabrication Monthly progress report, 1-31 Jul. 1965	1965
19690091653	Porous ionizer evaluation Monthly progress report, 1-31 Mar. 1965	1965
19690091654	Project definition phase - C-1 engine program Summary report, 1 Mar. - 12 May 1965	1965
19690091660	Porous ionizer evaluation Monthly progress report, 1-30 Apr. 1965	1965
19690091661	Project definition phase - C-1 engine program	1965
19690091668	Project definition phase - C-1 engine program Final report, 1 Mar. - 3 Sep. 1965	1965
19690091670	Project definition phase - C-1 engine program Weekly status report, 22-28 Apr. 1965	1965
19690091671	Project definition phase - C-1 engine program Weekly status report, 1-7 Apr. 1965	1965
19690091672	Fluorine-hydrogen gas generator-turbine investigation Final report	1965
19690091673	Porous ionizer evaluation Monthly progress report, 1-30 Jun. 1965	1965
19690091678	Project definition phase - C-1 engine program Weekly status report, 17-23 Jun. 1965	1965
19690091679	Project definition phase - C-1 engine program Weekly status report, 25-31 Mar. 1965	1965
19690091680	Project definition phase - C-1 engine program Summary report, 8-21 Jul. 1965	1965
19690091681	Porous ionizer evaluation Monthly progress report, 1-31 May 1965	1965
19690091682	Porous ionizer evaluation Monthly progress report, 1-31 Jan. 1965	1965
19690091689	Porous ionizer evaluation Monthly progress report, 1-28 Feb. 1965	1965
19690091702	Project definition phase - C-1 engine program Weekly status report, 18-24 Mar. 1965	1965
19690091704	Summary of C-1 engine. Phase 1 20th weekly status report, 9 Jul. - 23 Jul. 1965	1965
19690091716	Development of a coaxial plasma gun for space propulsion Monthly progress report for period ending 1 Sep. 1965	1965
19690091738	Preliminary assessment of the effects of nuclear radiation on the Nimbus B spacecraft	1965
19690091755	C-1 engine program. Phase 2 - Development Monthly technical report, 18 Oct. - 15 Nov. 1965	1965
19690091772	Development and testing to establish the feasibility of building a 150-kilogauss, large volume, superconducting magnet with vapor deposited Nb sub 3 Sn tape Monthly progress report, 1-31 May 1965	1965
19690091787	Project definition phase - C-1 engine program Weekly status report, 11-17 Mar. 1965	1965
19690091830	Development of a Longitudinal Oscillation Model for the Thor MB-3 Propulsion System	1965
19690091862	Launch area hazards and impact dispersions resulting from command-destruct and inadvertent separation of first stage solid-propellant motors /U/	1965
19690091880	Limited impact erosion and metal losses in two stage potassium turbine	1965
19690091926	CX-6 V/STOL Assault Transport Study. Volume 1 - Summary /U/	1965
19690091927	CX-6 V/STOL Assault Transport Study. Volume 2 - Selection of Design /U/	1965
19690091928	CX-6 V/STOL Assault Transport Study. Volume 3, Part 1 - Analysis of Selected Design /U/	1965
19690091930	CX-6 V/STOL Assault Transport Study. Volume 5 - Program Plan /U/	1965
19690091931	Asset ASV-4. Volume 3 - Flight Test Report /U/	1965
19690091932	Reentry Vehicle Instrumentation Program /RVIP/, Low Observable Reentry Vehicle /LORV/ L-5 - Flight Data Book /U/	1965
19690091974	Project definition phase - C-1 engine program Weekly status report, 27 May - 9 Jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092007	C-1 engine project Summary report, 5 Mar. - 21 Apr. 1965	1965
19690092019	C-1 engine program - Phase 2 development Monthly report, 18 Oct. - 15 Nov. 1965	1965
19690092027	Fluorine-hydrogen performance evaluation Quarterly progress report, 24 May - 23 Aug. 1965	1965
19690092029	C-1 engine program - Phase 2 development Monthly technical report, 16 Nov. - 15 Dec. 1965	1965
19690092044	Project definition phase - C-1 engine program Weekly status report, 8-14 Apr. 1965	1965
19690092048	The Mautner phenomenon and geometric flow theory	1965
19690092049	Dynamical properties of transformation groups	1965
19690092063	Command system study for the operation and control of unmanned scientific satellites. Task 3 - Command system interference Quarterly progress report, 1 Jan. - 31 Mar. 1965	1965
19690092082	Propagation measurements data report	1965
19690092090	Factory acceptance testing of missile 52E	1965
19690092091	Factory acceptance testing of missile 51E	1965
19690092105	Fluorine-hydrogen performance evaluation Quarterly progress report, 23 Aug. - 21 Nov. 1965	1965
19690092121	A study of implications of reduced defense demand for the electronics industry Final report	1965
19690092224	MCR system parametric studies. Volume 1 - Basic concept	1965
19690092225	MCR system parametric studies. Volume 2 - Packaging parametric studies, basic concepts	1965
19690092226	MCR system parametric studies. Volume 3 - Alternate component concepts	1965
19690092227	MCR system parametric studies. Volume 4 - Alternate component support studies	1965
19690092302	Preliminary definition phase, Apollo extension system. Instrumentation, displays, and controls Final report	1965
19690092305	Research on magnesium antimonide and magnesium bismuthide as thermocouple materials for thermoelectric power generation Bimonthly progress report, 27 Sep. - 27 Nov. 1965	1965
19690092310	Design of bonded sandwich intertank structure for Saturn 5 vehicle Quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19690092315	Design of bonded sandwich intertank structure for Saturn 5 vehicle Quarterly progress report, 1 Mar. - 31 May 1965	1965
19690092318	Research on magnesium antimonide and magnesium bismuthide as thermocouple materials for thermoelectric power generation Bimonthly progress report, 27 Nov. 1965 - 27 Jan. 1966	1965
19690092341	Advanced orbital launch operations, phase B progress report, Aug. - Dec. 1964	1965
19690092389	Saturn space debris study Monthly progress report, Jan. 1965	1965
19690092390	Saturn space debris study Monthly progress report, Oct. 1965	1965
19690092404	Experimental auxiliary rocket engine program Monthly status letter, Mar. 1965	1965
19690092426	Experimental auxiliary rocket engine program Monthly status letter report, Jan. 1965	1965
19690092432	Experimental auxiliary rocket engine program Monthly status letter, 1 Apr. - 15 May 1965	1965
19690092508	An experimental investigation of radiation effects in semiconductors Semiannual status report, 1 Jan. - 30 Jun. 1965	1965
19690092516	Bi-directional converter Summary report, 30 Dec. 1965	1965
19690092532	The promotion of wetting and brazing	1965
19690092547	Project definition phase - C-1 engine program Summary report, 1 Mar. - 21 Apr. 1965	1965
19690092621	Research to develop improved magnetic materials for hysteresis motors Final technical report, Feb. 1964 - Jun. 1965	1965
19690092631	Advanced flight mechanics and guidance studies. Volume 1 - Trajectory optimization and guidance for the earth orbit rendezvous mission Final technical report	1965
19690092778	Design of bonded sandwich intertank structure for Saturn 5 vehicle Quarterly report, 1 Dec. 1964 - 28 Feb. 1965	1965
19690092798	Procedures manual for planetary spacecraft to be sterilized by heating. Volume 1 - Design guidelines	1965
19690092847	Pressure regulating valves, Marotta models RV74A and RV74B, part nos. 226154-2 and 226164-3	1965
19690092925	Research and exploratory development for the Office of Aeronautical Research National Aeronautics and Space Administration /U/ Quarterly report, Jan. - Mar. 1965	1965
19690092944	Cryogenic irradiation effects in nerva structural alloys /U/	1965
19690092948	Polonium radioisotope thermoelectric generator. Part 2 - Management program /U/	1965
19690092953	Fourth Conference on Progress of the X-15 Research Airplane Program - Copies of the slides to be presented	1965
19690093051	Cost of ownership study of low cost, high-reliability inertial navigation system Final report, 9 Apr. - 9 Nov. 1965	1965
19690093058	Study of parametric performance of a two-stage repetitively pulsed plasma engine /REPPAC/ Quarterly progress report	1965
19690093081	Radio frequency hazards to Delta/TAD electroexplosive devices, volume 1 and volume 2	1965
19690093150	An optimized solar array configuration for a gravity stabilized satellite in a 600 nautical mile orbit	1965
19690093251	Status report	1965
19690093263	Synthesis of elastomer reinforcing polymeric particles Final report, May - Dec. 1964	1965
19690093285	Status report	1965
19690093299	ADAPT - A general approach to the implementation of software and system configuration management concepts Interim report	1965
19690093304	Lunar and planetary projects tracking, telemetry, and communications panel	1965
19690093336	Antenna camouflage study, literature search /U/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093386	Performance characteristics and analysis of liquid-injection thrust-vector control	1965
19690093389	An analytical method for predicting rocket motor blast loads on a launcher	1965
19690093443	Interference prediction model development - EMETF support of random access discrete address systems	1965
19690093528	Annual report	1965
19690093559	Monopropellant hydrazine propulsion systems - An engineering study	1965
19690093585	Development of advanced rockets and gas generators using hydrazine and hydrazine-base monopropellants	1965
19690093691	Imperial Eastman Corporation, hydraulic flex hose assemblies, part no. D704	1965
19690093692	Weatherhead Company hydraulic bulk flex hose assemblies, catalog number H-25-16	1965
19690093694	Imperial Eastman Corporation, hydraulic flex hose assembly, part no. N416	1965
19690093695	Weatherhead Company hydraulic bulk hose assemblies, catalog no. H-69-8, supplement	1965
19690093720	Gemini mission GT-5 hazard evaluation orbital debris reentry hazards study	1965
19690093835	Experimental auxiliary rocket engine program Status letter, 1 Jul. - 30 Sep. 1965	1965
19690093837	Comparison of spray vs. dip application of fluorescent penetrant	1965
19690093848	C-1 engine program phase 2 - Development	1965
19690093855	C-1 valve-injector ignition testing	1965
19690093858	Demonstration and ignition test summary	1965
19690093859	Analytical studies of C-1 engine design Final report	1965
19690093938	Analysis of a positive glycol/water radiator for the Apollo Block 2 environmental control system	1965
19690093940	Computer program for space radiator analysis and design Final report	1965
19690094002	H-1 uprating study. Volume 1 - Summary /U/ Final report	1965
19690094003	H-1 uprating study. Volume 2 - Analysis /U/ Final report	1965
19690094004	Conformal/planar array sonar project. Preliminary reliability predictions on the 1 by 6 breadboard beamformer /U/	1965
19690094030	Conformal coatings for printed circuit assemblies Final report, 15 Jul. 1964 - 15 Jan. 1965	1965
19690094146	Random Lorentz band model with exponential-tailed S-1 line intensity distribution function	1965
19700029581	Preliminary geologic map of the Mono Craters quadrangle, California	1965
19700071683	Modular multipurpose space station study. Appendix - Experimental application summary Final report	1965
19700071804	Modular multipurpose space station study. Section 5 - Multipurpose space station applications. Section 6 - Development plan Final report	1965
19700071805	Modular Multipurpose Space Station Study	1965
19700071806	Modular multipurpose space station study. Section 3 - Modular space station design, 1 Final report	1965
19700071807	Modular multipurpose space station study. Section 3 - Modular space station design, 2 Final report	1965
19700071808	Modular multipurpose space station study. Section 4 - Preliminary specifications Final report	1965
19700071900	NASA space vehicle design criteria - Volume 1 - Environment. Part B - Extraterrestrial environment. Chapter 1 - Interplanetary. Section 1 - Solar electromagnetic radiation	1965
19700071903	NASA Space Vehicle Design Criteria - Volume 3 - Structures. Part B - Loads and Structural Dynamics. Chapter 3 - Launch and Exit. Section 2 - Local Steady Aerodynamic Loads	1965
19700072258	Tape recorder belt study - Fatigue life of seamless polyester and polyimide film belts Final report	1965
19700072312	STAMP, Space Technology Analysis and Mission Planning. Part of a study of planetary transportation system model, Volume 2 Final report	1965
19700072337	Multilayer printed wiring board investigation	1965
19700072463	Functional aspects of the system of spatial representation in the control of body movements. Part 1 - Over-all considerations	1965
19700073937	Sterilization Group, report no. 1	1965
19700073938	Engineering requirements	1965
19700073939	Operational system considerations for hardware sterilization	1965
19700073940	Microbiology	1965
19700073941	NASA unmanned spacecraft decontamination policy	1965
19700073942	NASA interim requirements for bioclean facilities	1965
19700074703	Microbiological activities conducted during the phase 1 operation in the Experimental Assembly and Sterilization Laboratory /EASL/ Final report	1965
19700075630	Feasibility study for combined method of sterilization. Volume 1 - Discussion and entries 1 - 99. Volume 2 - Entries 100 - 187 and indexes Final report	1965
19700075631	Ionizing radiations and parameters modifying radiation sterilization	1965
19700075632	Inactivation by ultraviolet radiation	1965
19700075633	Thermal resistance, desiccation, and aerosolization	1965
19700075634	Chemical sterilization	1965
19700075635	Electric and magnetic fields	1965
19700075636	Ultrasonics	1965
19700075683	Work statement guide for reliability and quality assurance provisions	1965
19700075715	Investigation of landing site redesignation during phase 2 of the LEM powered descent using primary guidance	1965
19700075722	Apollo 10 radiation hazard analysis	1965
19700075742	General test plan, Saturn S-5B system	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700076063	Quality requirements for solderless wrapped connections	1965
19700076069	Need for process specification on radiography Final report	1965
19700076079	Quality requirements for contact plating	1965
19700076118	Project Apollo. Simulation study of pilot controlled LEM lunar landings from the transition altitude	1965
19700076119	Saturn S-IVB-203 stage acceptance firing test plan	1965
19700076120	Project Apollo Coordinate System Standards	1965
19700076133	Project Apollo - Analog simulation of a low frequency SPS gimbal servo in the Apollo block 2 G and N Delta V mode	1965
19700076134	A performance study of the Apollo spacecraft configuration entering the earths atmosphere at hyperbolic speeds	1965
19700076136	Double Hohmann transfer concept for LEM intercept and rendezvous with CSM	1965
19700076142	Characteristics of various types and shapes of aluminum honeycomb for use in the head position impact attenuation strut of the apollo crew couch	1965
19700076163	Project Apollo. A preliminary simulation study of the required velocity meter sensitivity and touchdown control performance during lunar landing	1965
19700076171	Selection of spares or redundant components to maximize reliability for a given weight allotment	1965
19700076180	A linear, single-plane study of the effect of SPS actuator compliance on the response characteristics of the Apollo Block 1 SCS. Project Apollo	1965
19700076185	A technique for monitoring the primary guidance system in the LEM-CSM rendezvous, Program Apollo	1965
19700076188	Trajectory influence on the heating distribution around the Apollo command module	1965
19700076191	Results of two one-quarter scale Apollo model impact tests utilizing different impact attenuation systems	1965
19700076197	Effects of exposure of various electrical conductors to nitrogen tetroxide, aerazine-50, and potassium hydroxide	1965
19700076199	Optical tracker sun interference results	1965
19700076200	Simulation and evaluation of landing gear probe for sensing engine cutoff altitude during lunar landing	1965
19700076201	Simulation study of the powered descent phase of the LEM mission from transition to touchdown	1965
19700076218	LH2 chilldown flowmeter vibration and shock tests	1965
19700076229	Qualification Test Report for Telemetry Radio Frequency Multiplexer, Douglas Specification Control Number 1A69212-(GTP Line Item No. W19)	1965
19700076230	Qualification test report for telemetry bi-directional coupler assembly, Douglas part number 1A69214-503. General test plan line item no. W25. Model no. Saturn S-4B	1965
19700076237	DS-2709 model specification Saturn S-VB-F stage	1965
19700076239	Probe, instrumentation, LO2 tank /W-48/ qualification test	1965
19700076240	The 2-PDT 28-VDC general purpose relay vibration and shock tests	1965
19700076241	Results of a LEM landing point designator static sighting study /Project Apollo/	1965
19700076248	Estimation of fireball from Saturn vehicles following failure on launch pad	1965
19700076249	Linearized statistical error analysis of Apollo lunar excursion module ascent and rendezvous for comparison of several measurement schemes	1965
19700076298	The effect of variations in SPS actuator stiffness on Apollo thrust vector control system stability	1965
19700076301	Orbital determination by ill-defined lunar landmarks	1965
19700076330	Analysis of lunar landing simulation results as applied to landing design criteria	1965
19700076406	Saturn S-4B-202 Stage Acceptance Firing Test Plan	1965
19700076408	Double Hohmann transfer concept for LEM intercept and rendezvous with CSM	1965
19700076419	The effect of line-of-sight rate tolerance on a proposed backup guidance technique for LEM-CSM rendezvous	1965
19700076436	Experimental determination of residual stresses in an orthotropic material by the use of strain gages and material removal	1965
19700076441	Effect of varying range, range-rate criteria of the PNGS during LEM-CSM terminal rendezvous. Project Apollo	1965
19700076446	Analog simulation study of LEM descent engine propulsion backup to the SM service propulsion system	1965
19700076448	Effect of plane changes on the performance of the MIT ascent guidance	1965
19700076468	Model specification DS-2355-1 safety and arming device for Saturn 5 space vehicle	1965
19700076469	Quality requirements for calibration systems	1965
19700076485	Further investigation of landing site redesignation during the LEM powered descent	1965
19700076490	Experimental determination of panel modes, natural frequencies, and structural damping of Apollo BP-27 service module	1965
19700076507	Test evaluation of the effect of fluid temperature on cryogenic vessel heat leak utilizing several measurement techniques	1965
19700076529	Experimental precombustion chamber/injector assembly development and design verification tests	1965
19700076542	LH2 instrumentation probe qualification test Test report, 18 Jun. - 1 Jul. 1965	1965
19700076543	Measurement of the melting and evaporation rate of frozen particles of nitrogen tetroxide and monomethylhydrazine, 10 - 14 May 1965	1965
19700076544	Evaluation of the compatibility of various propellant system flushing fluids, 14 January - 5 April 1965	1965
19700076545	Orbital parameter plots for use in mission planning, Project Gemini	1965
19700076578	Saturn S-4B-201 stage acceptance firing test plan	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700076605	Saturn 5/LOR vehicle maximum heating trajectory	1965
19700076644	Evaluation of Sampled Velocity Display Requirement for the Task of Nulling Horizontal Velocities in the LEM Spacecraft Landing Maneuver	1965
19700076701	Program of research on the management of research and development. An experiment in measuring certain aspects of the information- searching behavior of X ray crystallographers	1965
19700076729	Apollo LEM measurements requirements, LEM test article 2 /LTA-2/. Project Apollo	1965
19700077536	Mariner 4 Mars photos	1965
19700077845	General criterion for electrostatic plasma instabilities with uniform magnetic field	1965
19700078096	Biodata processing study and program formulation Final report	1965
19700078194	Definition of requirements for advanced sterilizable components for planetary spacecraft, volume 1 Final report	1965
19700078235	Telemetry measurements of afterbody pressures on free-flying models of the Apollo capsule at Mach numbers from 10 to 21 in helium and 14 in air	1965
19700078256	Project Apollo - Feasibility of flight testing LEM abort launch guidance system in earth orbit	1965
19700078262	Apollo logistics requirements plan	1965
19700078275	Free-flight measurements of heat transferred to the Apollo afterbody with and without heat shield ablation	1965
19700078276	Effects of front-face asymmetry on the aerodynamic characteristics of the Apollo capsule	1965
19700078284	Forces and moments on an Apollo model in air at Mach numbers to 35 and effects of changing face and corner radii	1965
19700078286	Flight measurements of reentry heating at hyperbolic velocity /Project Fire/	1965
19700078292	Experimental investigation of the flow field and heat transfer over the Apollo-capsule afterbody at a Mach number of 20	1965
19700078293	Effects of a sting support on the supersonic force and moment characteristics of an Apollo model at angles from -30 deg to +185 deg	1965
19700078330	Heat-transfer and pressure distributions on Apollo models at M = 13.8 in an arc-heated wind tunnel	1965
19700078340	Comparison of free-flight and conventional wind-tunnel stability tests for Apollo command module and abort configurations	1965
19700078347	Contractor reliability plans and performance evaluation manual - Apollo program	1965
19700078381	Concerning a conjecture of Marshall Hall	1965
19700078612	Alouette 1 Ionospheric Data Alosyn, 16-30 April 1965	1965
19700078633	Longitudinal aerodynamic characteristics of a manned lifting entry vehicle at a Mach number of 19.7	1965
19700078682	Some effects of directional instability on lateral handling qualities of an early version of a manned lifting entry vehicle	1965
19700078695	Effect of Fin Arrangements on Aerodynamic Characteristics of a Thick 74 Deg Delta Manned Lifting Entry Vehicle at Low-subsonic Speeds	1965
19700078915	DYNASAR simulation of the Saturn F-1 engine propulsion system	1965
19700079004	Standard payload module system analysis procedures for system definition	1965
19700079021	Acoustic Excitation of Nuclear Spin Resonance in Single-Crystal Metallic Tantalum	1965
19700079333	Full-scale wind-tunnel investigation of the aerodynamic characteristics of the HL-10 manned lifting entry vehicle	1965
19700079343	Stability characteristics of a manned lifting entry vehicle with various fins at Mach numbers from 1.50 to 2.86	1965
19700082228	Dragon plant record. The fission product trapping system. Project Dragon	1965
19700088724	Application of the DIFFE routine for numerical solution of systems of differential equation Technical memorandum	1965
19700088749	C-1 engine fourteen week demonstration test program summary	1965
19700088777	An analytical study of the base flow problem including the theories of Korst, Zumwalt, and Nash	1965
19700088782	Wind statistics for preliminary load studies for Voyager	1965
19700088791	Integrity of electrical connections. Completion reports for subtasks A, B, and C	1965
19700088792	Ultrasonic inspection techniques for welded joints Final report	1965
19700088826	Graphs of ascent and descent abort flight corridors for orbital transport vehicles	1965
19700088840	Anaconda metal hose assembly part number 82663	1965
19700088841	Aeroquip Corporation rubber hose assembly, part number A275503-20-32	1965
19700088940	Interference prediction model development - Propagation losses between closely coupled antennas	1965
19700088954	Imperial-Eastman Corporation hydraulic flex hose assemblies, catalog number H-104	1965
19700088973	Evaluation of Marshall Industries 'XL' polystyrene film dielectric capacitors for space flight applications	1965
19700089008	Design and experimental studies of a thrust deflector for VTOL direct-lift engines	1965
19700089010	A 1 inch flexible metal hose P/N 82561 6,000 PSIG service	1965
19700089012	Evaluation of a short term intergranular corrosion test for Austenitic stainless steels	1965
19700089109	Saturn 5 project development plan /U/	1965
19700089110	Saturn 5 Project Development Plan [U]	1965
19700089113	Conformal/planar array sonar project. Beanformer reliability guidelines /U/	1965
19700089152	Anaconda metal hose division 1/2 inch flexible metal hose P/N 82605, 10000 psig service	1965
19700089153	Resistoflex Corporation 1/2 inch flexible hose P/N R62800-CC-8-1200, 6000 psig service	1965
19700089169	Resistoflex Corporation 3/8 inch flexible hose, 6000 psig service	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089299	Conformal/planar array sonar project. Part 1 - PERT cost, PERT time and status narrative reports Monthly status report, 27 Sep. - 24 Oct. 1965	1965
19700089378	Conformal/planar array sonar system. Investigation of level shading networks for the transmit beamformer /U/	1965
19700089379	Conformal planar array sonar system. Phase 2 - A preliminary general purpose computer program to generate beam steering and stabilization control signals for a transmit beamformer /U/	1965
19700089380	Conformal/planar array sonar system phase 2. System data processing and performance monitoring requirements /U/	1965
19700089390	Conformal/planar array sonar system. Preliminary investigation of beam forming with conformal arrays /U/	1965
19700089391	Conformal/planar array sonar system. Preliminary investigation of beam forming with conformal arrays - Addendum /U/	1965
19700089392	Conformal/planar array sonar system. Phase 2 - Effects of random excitation errors on array far-field pattern /U/	1965
19700089395	Conformal/planar array sonar system. Phase 2 - Beam stabilization and compensation for planar arrays /U/	1965
19700089411	Chemical/planar array sonar project - Transmit beam broadening /U/	1965
19700089415	Conformal/planar array sonar project. Part 2 - Technical progress report /U/ Monthly status report, 27 Sep. - 24 Oct. 1965	1965
19700089425	Conformal/planar array sonar program /U/ Monthly progress report, 1-25 Jul. 1965	1965
19700089426	Conformal/planar array sonar program - Feasibility of scale model studies, activity 8022 /U/	1965
19700089427	Conformal/planar array sonar program. Power conversion - Barge test recommendation event 7025 /U/	1965
19700089428	Conformal/planar array sonar project. Beamforming final results of tests on 1 by 6 breadboard beamformer /U/	1965
19700089429	Conformal/planar array sonar project. Data processing - Auxiliary functions study /U/	1965
19700089430	Planar array sonar system /U/ Monthly progress report, 1 Mar. - 31 May 1965	1965
19700089431	Planar array sonar system /U/ Monthly progress report, Jun. 1965	1965
19700089432	Proposed redirected conformal/planar array sonar system /U/	1965
19700089435	Wideband operation of scanned line array /U/	1965
19700089436	A preliminary comparison of beamforming techniques /U/	1965
19700089437	Some sample transmit-receive schedules for the contact sonar /U/	1965
19700089438	Report on the application of PRIMAG beamforming techniques to a conformal/planar sonar system /U/	1965
19700089445	Preliminary phase 1 working document for the planar array sonar system /U/	1965
19700089481	Conformal/planar array sonar development program Technical progress report, Oct. 1965	1965
19700089507	Pulse code modulation - Study report	1965
19700089634	Conformal/planar array sonar system. underwater communications feasibility study /U/ Technical data report, 15 Mar. - Jun. 1965	1965
19700089688	Effects of high-temperature heating and annealing on the mechanical properties of 18 Ni maraging /250/ steel Quarterly progress report, 1 Jul. - 31 Sep. 1965	1965
19700089696	Development of new and improved high-temperature solid film lubricants Quarterly progress report, 15 Feb. - 15 May 1965	1965
19700089709	Exploitation of automatic data processing within AMC Final report	1965
19700089712	High temperature protective reentry coatings for expandable structures, part 2	1965
19700089739	Development of a Pelletized Propellant /U/	1965
19700089740	Development of a Pelletized Propellant /U/	1965
19700089741	Development of a Pelletized Propellant /U/	1965
19700089742	Development of a Pelletized Propellant /U/	1965
19700089756	Fracture strength of HM21A-T8 magnesium alloy sheet with simulated surface flaws Final report	1965
19700089782	Impact of synthetic hailstones at supersonic speeds on representative aircraft structures	1965
19700089829	Far infrared spectra of silicate minerals, part 2 Final report	1965
19700089906	Studies of human dynamic space orientation using techniques of control theory Semiannual status report	1965
19700089929	Hypervelocity impact research and facilities in the western region	1965
19700089932	Research on plasma physics, vacuum ultraviolet, space rendezvous and meteoroid penetration at Northrop Space Laboratories	1965
19700090010	Project Apollo flight test report - Boilerplate 26 aerodynamic heating of RCS quad	1965
19700090139	Preliminary weight and balance report for airframe 011	1965
19700090160	Ground equipment criteria specification - Lunar orbiter	1965
19700090162	Gemini C and C Subsystem EMI Evaluation of S-Band Beacon, C-Band Beacon, TM Transmitters and Tape Recorder	1965
19700090179	[No Title]	1965
19700090445	Two IMU integration study /preliminary/ Final report	1965
19700090515	Uses of computers in the medical field - Implications for the National Aeronautics and Space Administration	1965
19700090568	Orbit evaluation and mission planning guide. Volume 2 - Circular orbit data	1965
19700090651	Real-time simulation of X-15 skin temperatures Final technical report	1965
19700090682	Three-way solenoid valve, Marotta Valve Corporation model no. MV526B	1965
19700090684	Accessory Products Company part no. 1385-1002 relief valve	1965
19700090860	Further technical definition of Saturn plume effects on radio transmission, volume 3	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090919	Propagation measurements data report, volume 2, part 1	1965
19700090962	A transfer function analyser for DFR employing dc techniques	1965
19700090997	On the generation and directional recording of waves in the Arctic Ocean Technical report	1965
19700090999	Bottom and subbottom investigation of Penobscot Bay, Maine, 1959 Technical report	1965
19700091041	Feedback loop requirements for a controlled stability/transient response F-8D airplane Phase report	1965
19700091055	Three-dimensional portrayal of aircraft instrument approach procedures Final technical report	1965
19700091076	Conical rocket nozzle performance under flow-separated conditions - Including flow separation charts	1965
19700091118	A method for predicting the dynamic behavior of a particular type of articulating landing gear	1965
19700091131	Preliminary definition phase Apollo extension system. Reliability summary Final report	1965
19700091142	Apollo extension systems conceptual design study of an S-4B orbital workshop	1965
19700091149	The third core of Zebra	1965
19700091177	Stage 1 Minuteman /M55A1/ production support. Appendix C - Submerged hot gas valve development /U/ Final report	1965
19700091224	Optical noise discrimination techniques study Technical report, Feb. 1964 - May 1965	1965
19700091237	Propagation measurements data report, volume 2, part 2	1965
19700091242	Equations for computer processing US Weather Bureau radiosonde temperature and relative humidity data	1965
19700091256	Propagation measurements data report, volume 2, part 3	1965
19700091265	Dragon plant record. Clean helium system	1965
19700091267	Dragon plant record. Helium purification system	1965
19700091281	Shock wave formation from combustion and its influence on reactor containment design	1965
19700091290	Soft X-ray emission from thetatron	1965
19700091341	Autocatalytic energy release in the prototype fast reactor	1965
19700091400	NASA-GSFC operations plan 2-65, Pegasus A	1965
19700091449	Anticondensation techniques Final report, 30 Apr. - 16 Sep. 1965	1965
19700091588	Environmentally qualified aerial radiac instrument system Final design report	1965
19700091736	Advanced 8K space engines	1965
19700091752	Gemini GT-3 Inertial Guidance System Evaluation Trajectory Reconstruction /U/	1965
19700091767	Effects of symmetrically distributed mass addition on the surface pressures of a 9 deg cone at Mach numbers 2, 4, and 6 /U/	1965
19700091781	Battery spacecraft storage, silver oxide-zinc, 29 volt	1965
19700092083	The Development of Thermionic-Isotope Space Power Technology	1965
19700092084	The Development of Thermionic-Isotope Space Power Technology	1965
19700092085	The Development of Thermionic-Isotope Space Power Technology	1965
19700092086	The Development of a Thermionic-Isotope Space Power System	1965
19700092150	Gemini Agena Target Vehicle	1965
19700092158	Gemini Agena Target Vehicle Program Progress Report, Apr. 1965	1965
19700092165	Gemini Agena Target Vehicle Program Progress Report, March 1965	1965
19700092168	The LW-2 escape system	1965
19700092201	Fuel cell systems research and development Technical program status report	1965
19700092267	MORL isotope power system midterm briefing	1965
19700092269	Orbital testing requirements for guidance and control devices, volume 1	1965
19700092383	Evaluation of refractory/austenitic bimetal combinations Monthly letter report, 22 Sep. - 22 Oct. 1965	1965
19700092424	Weksler Instruments Corporation 1/4 inch pressure gauge P/N 917RRASF 0-10000 psig service	1965
19700092425	The Foxboro Company pneumatic computer model 46S-8-42	1965
19700092431	Weksler Instruments Corporation 1/4 inch pressure gauge P/N 917RRASF, 0-5000 psig service	1965
19700092450	The Foxboro Company electronic thermister converter model Q100A1183	1965
19700092451	The Foxboro Company pneumatic temperature transmitter, model 44 BT-ITA-1A	1965
19700092467	The Foxboro Company digital/analog converter model Q100A1194	1965
19700092472	The Foxboro Company dynatherm resistance bulb model DB-13N-26W	1965
19700092474	The Foxboro Company resistance to current converter model 694P-2A	1965
19700092475	The Foxboro Company signal conditioner, model Q100A-1175	1965
19700092476	The Foxboro Company pneumatic computer, model 46S-9-42	1965
19700092482	The Foxboro Company thermistor sensor assembly model Q100'a1184	1965
19700092496	CRU status evaluation /U/	1965
19700092498	The Foxboro Company pneumatic computer, model 46S-10-42	1965
19700092524	The Foxboro Company current-to-air transducer model 69TA	1965
19700092526	Power supply, the Foxboro Company model 610 part number N121CB-N	1965
19700092528	The Foxboro Company current repeater model 66BR-H2-N	1965
19700092530	The Foxboro Company pneumatic computing relay model 56-6-33	1965
19700092538	The Foxboro Company voltage to current converter model 66GR-2W	1965
19700092540	The Foxboro Company pressure transmitter, model 611GH-NB5	1965
19700092541	The Foxboro Company gauge pressure transmitter model 611GM-AS1	1965
19700092542	The Foxboro Company pneumatic strip recorder model 5310-E	1965
19700092543	The Foxboro Company pneumatic pressure controller model M41A	1965
19700092557	The Foxboro Company electronic indicating controller model 62-5MTS-2 Test report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092558	The Foxboro Company differential pressure transmitter model 613DM-HSI Test report	1965
19700092606	LM1500 engine marinization contract. Phase 3 - Engine test results	1965
19700092622	LM1500 engine marinization contract. Phase 3 - Materials and processes development for phase 3 engine components	1965
19700092640	Computer program for the optimization of the design of a unified carrier	1965
19700092642	A study of optimum methods for determining and predicting space vehicle trajectories and control programs Final progress report, 22 Apr. 1964 - 15 Apr. 1965	1965
19700092653	The MATS computer flight planning system	1965
19700092654	Air transportation and air traffic control	1965
19700092755	Reliability improvement and weight reduction of the S-1C stage retro motor /U/ Monthly technical progress report, 1-30 Nov. 1965	1965
19700092756	Reliability improvement and weight reduction of the S-1C stage retro motor /U/ Monthly technical progress report, 1-31 Aug. 1965	1965
19700093007	Qualification of diode, varactor for use in improved Hawk missile	1965
19700093517	Program review, 30 August 1965	1965
19700093518	Program review, 30 August 1965	1965
19700093598	Determination of fatigue life of magnesium wheels T-38 MLG	1965
19700093648	Draft identification for traceability implementing procedure	1965
19700093775	Technical considerations in the application of television to command and control	1965
19700093776	Technical characteristics television systems	1965
19700093793	Error analysis of measurement of the radiometric differential temperature between a single target and background	1965
19700093825	Separable fluid connectors	1965
19700093838	Acoustic radiation from toroids	1965
19700093899	Solid-state S-band transmitter /Nimbus/ Final report	1965
19700093922	Satellite infrared spectrometer /SIRS 3/ Progress report, 1-30 Jun. 1965	1965
19700093935	Quality program plan for High Data Rate Storage Subsystem /HDRSS/	1965
19700093943	TOS radiation test, series 2 - Engineering report, February 1965	1965
19700093972	HRIR data archival and retrieval system for Nimbus 1, an outline	1965
19700093979	Engineering reliability program plan. APT tape recorder program	1965
19700093983	Stabilization and control subsystem NIMBUS meteorological satellite - Phase 1 prototype and flight	1965
19700093984	NIMBUS views jet stream cirrus over the Arctic	1965
19700094014	Nimbus reliability and the radioisotopic thermoelectric generator	1965
19700094024	Analysis of responses to Nimbus quality assurance questionnaire, addendum	1965
19700094027	HDRSS product quality control flow chart and check list index	1965
19700094038	Preliminary results from a meteorological evaluation of Nimbus 1 HRIR data	1965
19700094044	TOS radiation test Engineering report, Oct. 1964	1965
19700094048	Apollo ECS radiator preliminary system thermal analysis	1965
19700094071	Design study phase of Scanning Celestial Attitude Determination System /SCADS/ Quarterly report, 13 Jul. - 1 Oct. 1965	1965
19700094081	Satellite infrared spectrometer /SIRS 3/ Progress report, 1-31 Jul. 1965	1965
19700094083	APT camera/tape recorder study for incorporation of HRIR add-on, addendum Final report	1965
19700094087	The scientific basis for Nimbus B experiments	1965
19700094089	Quality program plan for the high resolution infrared radiometer models 5, 6 and 7	1965
19700094103	Summary of technical services provided to Nimbus data utilization center Final report	1965
19700094120	Satellite infrared spectrometer /SIRS 3/ - Project Nimbus Progress report, 1-31 Aug. 1965	1965
19700094121	Satellite infrared spectrometer /SIRS 3/ - Project Nimbus Progress report, 1-30 Sep. 1965	1965
19700094157	Saturn technical information handbook, volume 3	1965
19700094165	Saturn technical information handbook, volume 1	1965
19700094166	Saturn technical information handbook, volume 2	1965
19700094168	Saturn Technical Information Handbook, Volume 4	1965
19700094170	Comparison of pulse-width-modulation voltage regulators	1965
19700094291	Arbalist component development program. Volume 2 - Flight tests with accuracy analysis /U/ Final technical report	1965
19700094338	Lunar orbit missions study /U/	1965
19700094350	Essential advanced technology programs, FY 1966 /U/	1965
19700094395	Canus Salmex 2-64, 13-25 September 1964	1965
19700094398	Automated thermal structure forecasting techniques	1965
19700094406	ASWEPS data summary, North Atlantic weather stations, 1958-1963	1965
19700094407	Spatial changes in thermal structure near Argus tower	1965
19700094408	A heat budget model for prediction of vertical temperature change in the ocean	1965
19700094419	The meteorological content of Nimbus 1 AVCS data	1965
19700094423	Manned spaceflight control center implementation Quarterly progress report, 1 Oct. - 31 Dec. 1964	1965
19700094425	Satellite yaw measurement	1965
19700094437	Mission Control Center, Houston Quarterly progress report, 1 Apr. - 30 Jun. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094441	Mission Control Center, Houston Quarterly progress report, 1 Jul. - 30 Sep. 1965	1965
19700094451	Mission Control Center, Houston Quarterly progress report, 1 Jan. - 31 Mar. 1965	1965
19700094468	Nimbus B modes - Frequencies and generalized mass	1965
19700094523	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report	1965
19700094548	Parts application program report and reliability analysis - High Data Rate Storage System /HDRSS/	1965
19700094551	AVCS /and APT/ data archival and retrieval system for Nimbus 1 - A functional outline	1965
19700094552	Feasibility study for a Scanning Celestial Attitude Determination System /SCADS/ for three axis attitude determination at a Command and Data Acquisition /CDA/ station Final report	1965
19700094646	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report	1965
19700094647	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report	1965
19700094648	Platform parts list for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094649	Satellite parts list for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094662	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/, 1	1965
19700094664	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094665	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094667	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094668	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094669	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094673	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/, 2	1965
19700094730	Satellite infrared spectrometer /SIRS 3/ Progress report, 1 Jan. - 31 Jan. 1965	1965
19700094731	Trials of the engineering model	1965
19700094732	Satellite infrared spectrometer /SIRS/. Mechanical and optical components Monthly progress report	1965
19700094733	SOBADS progress report	1965
19700094734	SIRS weekly progress report	1965
19700094735	SIRS monthly progress report	1965
19700094736	SOBS progress report	1965
19700094737	SOBS phase 1 report	1965
19700094738	Satellite infrared Spectrometer On-Board Sequencer /SOBS/ Instruction manual	1965
19700094739	General purpose epoxy casting resin Technical bulletin	1965
19700094740	Determination of stresses in cured epoxy resins	1965
19700094741	High voltage regulator ac analysis /plus or minus 70 VDC regulator/ - SIRS 3	1965
19700094742	Power supply ac analysis for the plus 12 VDC, plus 15 VDC, minus 15 VDC, and minus 19 VDC regulators - SIRS 3	1965
19700094743	Reliability analysis of wedge immersed thermistor detector - BEC drawing 315601-1001	1965
19700094769	Satellite infrared spectrometer /SIRS 3/ - Project Nimbus Progress report, 1-30 Nov. 1965	1965
19700094770	General - Successful testing of various SIRS subsystems	1965
19700094771	Satellite infrared spectrometer /SIRS/ mechanical and optical components Monthly progress report, 1-30 Nov. 1965	1965
19700094772	SIRS power supply system Progress report	1965
19700094773	Progress report, 15 November - 15 December 1965	1965
19700094774	Satellite On-Board Analog to Digital System /SOBADS/, instruction manual	1965
19700094775	SOBADS, phase 1	1965
19700094776	Acceptance tests of satellite on-board analog-to-digital system	1965
19700094777	SIRS weekly progress report	1965
19700094778	SIRS weekly progress report, 22 November 1965	1965
19700094779	SIRS monthly progress report	1965
19700094780	SOBS progress report no. 1	1965
19700094781	SOBS progress report no. 2	1965
19700094787	A generalized method for Nimbus parts listings	1965
19700094793	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094794	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094804	Satellite infrared spectrometer /SIRS 3/ Progress report, 1-31 Dec. 1965	1965
19700094805	Assembly of the engineering model	1965
19700094806	Engineering analysis on satellite infrared spectrometer Interim report	1965
19700094807	Satellite infrared spectrometer /SIRS/. Mechanical and optical components Monthly progress report, 1-31 Dec. 1965	1965
19700094808	SOBADS progress report no. 5	1965
19700094809	SIRS weekly progress report	1965
19700094810	SIRS weekly progress report	1965
19700094811	SIRS weekly progress report	1965
19700094812	SIRS monthly progress report no. 4	1965
19700094813	Tests concerning radio frequency susceptibility of the SIRS Spectrometer On- Board Analog to Digital System /SOBADS/	1965
19700094814	Tests concerning radio frequency susceptibility of the SOD system	1965
19700094815	Letter report on SIRS 3, task 3	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094816	Letter report on SIRS task 4	1965
19700094817	SIRS 3 - Power supply analysis for the negative 24 VDC regulator	1965
19700094818	Inverter analysis, SIRS 3	1965
19700094837	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report	1965
19700094840	Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094841	Interrogation, Recording and Location Subsystems /IRLS/	1965
19700094842	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report	1965
19700094846	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report	1965
19700094854	Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094857	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094860	Roll and yaw error minimization analysis	1965
19700094861	Reliability assessment of RCA advanced voltage regulator proposed for Nimbus	1965
19700094865	Technical discussion log for Interrogation Recording and Location Subsystem /IRLS/	1965
19700094873	An approach to Nimbus B radio frequency susceptibility	1965
19700094891	Technical discussion log for Interrogation, Recording and Location Subsystem /IRLS/	1965
19700094892	Satellite infrared spectrometer /SIRS 3/ Progress report, 1-31 Oct. 1965	1965
19700094893	Satellite infrared spectrometer /SIRS 3/	1965
19700094894	Satellite infrared spectrometer /SIRS/. Mechanical and optical components Monthly progress report, 1-30 Sep. 1965	1965
19700094895	Project quality plan	1965
19700094896	Addendum - Primary mirror masking for stray radiation	1965
19700094897	Satellite infrared spectrometer /SIRS/. Mechanical and optical components Monthly progress report, 1-31 Oct. 1965	1965
19700094898	Quality assurance addenda. Quality program time phased plan	1965
19700094899	SIRS power supply, phase 2 Progress report	1965
19700094900	SIRS power supply, phase 2 Monthly progress report	1965
19700094901	SOBADS Progress report, period ending 12 Oct. 1965	1965
19700094902	SOBADS progress report	1965
19700094903	Monthly progress report	1965
19700094904	Weekly progress report	1965
19700094905	SIRS Progress report, period ending 1 Nov. 1965	1965
19700094906	SOBADS circuits	1965
19700094907	Satellite spectrometer electronic circuit analyses	1965
19700094908	Operational amplifier performance analyses /SIRS 3/	1965
19700094909	Engineering analysis on satellite infrared spectrometer Interim report	1965
19700094916	Environmental control and life support system for Apollo application program	1965
19700094974	Project IRLS Quarterly report, 1 Jun. - 31 Aug. 1965	1965
19700095059	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report	1965
19700095101	Ground acquisition and control station parts list for interrogation, recording and location subsystem	1965
19700095117	Roll and yaw error minimization analysis	1965
19700095148	A method for the numerical solution of the complete Navier-Stokes equations for steady flows	1965
19700095400	Model A-100, 188 and 259 recording current meter	1965
19700095429	Model 146 recording thermograph	1965
19700095834	A-7A demonstration planning and progress report /U/	1965
19700096086	Digital computer program for adsorbent bed design - Extended mission Apollo environmental control and life support system	1965
19700096087	Saturn 5 synchronous earth orbit flight profiles	1965
19700096204	Apollo guidance and navigation system Quarterly reliability progress report, Apr. - Jun. 1965	1965
19700096205	Theoretical study of the radiative emissivity of materials Monthly progress report, Oct. 1965	1965
19700096222	Unsymmetric analysis of shells of revolution	1965
19710064699	Investigation of microbial contamination inside irradiated and heated electronic components	1965
19710064861	Aerodynamic abort-separation characteristics of a parallel-staged reusable launch vehicle from Mach 0.60 to 1.20	1965
19710064863	Effects of External Material Injection on Radio-signal Transmission Through a Rocket Exhaust	1965
19710064873	Investigation of Roughness-induced Turbulent Heating to the HL-10 Manned Lifting Entry Vehicle at a Mach Number of 8	1965
19710064874	Pressure Distribution on HL-10 Manned Lifting Entry Vehicle at a Mach Number of 19.5	1965
19710064876	Aerodynamic Characteristics of a Complete VTO Launch Vehicle and Reusable Flyback Configuration from Mach 3.0 to 6.0	1965
19710064885	Summary of an Advanced Manned Lifting Entry Vehicle Study	1965
19710064890	Aerodynamic Separation Characteristics of Conceptual Parallel-staged Reusable Launch Vehicle at Mach 3 to Mach 6	1965
19710064894	Aerodynamic Characteristics of a Manned Lifting Entry Vehicle with Modified Tip Fins at Mach 6.8	1965
19710064918	Charge recombination on water droplets in a plasma	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710064919	Static aerodynamic characteristics of a model of a horizontal-take-off reusable launch vehicle at Mach numbers 1.60, 2.16, and 2.86	1965
19710064924	Supersonic characteristics of both launch and flyback configurations of a VTO reusable launch vehicle	1965
19710064925	Stability characteristics of a manned lifting entry vehicle at a Mach number of 20.3 helium	1965
19710064926	Effects of tip-fin geometry on stability characteristics of a manned lifting entry vehicle from Mach 1.50 to 2.86	1965
19710064931	Investigation of a large winged first stage of a VTO reusable orbital launch vehicle from Mach 2.3 to 6.0	1965
19710064936	An investigation of methods of improving subsonic performance of a manned lifting entry vehicle	1965
19710064943	Aerodynamic characteristics from Mach 1.50 to 2.86 of a lifting entry vehicle alone, with adapter sections, and with a Saturn launch vehicle	1965
19710064946	Transonic characteristics of both launch and flyback configurations of a VTO reusable launch vehicle	1965
19710064950	Effect of intermittent water injection on aerodynamic heating of a sphere-cone at flight velocities to 18000 feet per second	1965
19710065209	Space Programs Summary No. 37-36, Volume 1 for the Period 1 September - 31 October 1965. the Lunar Program	1965
19710065212	Space programs summary no. 37-34, volume 2 for the period 1 May - 30 June 1965. The planetary-interplanetary program	1965
19710065214	Space programs summary no. 37-35, volume 1 for the period 1 July - 31 August 1965. The lunar program	1965
19710065215	Space programs summary no. 37-33, volume 2 for the period 1 March - 30 April 1965. The planetary-interplanetary program	1965
19710065216	Space programs summary no. 37-31, volume 2 for the period 1 November - 31 December 1964. The planetary-interplanetary program	1965
19710065227	An experimental feasibility study of injectant materials to alleviate Mars entry communications blackout	1965
19710065228	Space programs summary no. 37-36, volume 2 for the period 1 September - 31 October 1965. The planetary-interplanetary program	1965
19710065229	Space programs summary no. 37-34, volume 1 for the period 1 May - 30 June 1965. The lunar program	1965
19710065234	Space programs summary no. 37-31, volume 1 for the period 1 November - 31 December 1964. The lunar program	1965
19710065298	Explosive and non-explosive onsets of instability	1965
19710065487	Thermodynamic properties of nonaqueous solutions. 1 - Heats of solution of selected alkali metal halides in anhydrous N-methylformamide	1965
19710065504	Lateral aerodynamic characteristics of a conceptual horizontal-take-off reusable launch vehicle from Mach 3 to 6	1965
19710065560	Influence of constituent properties upon the structural efficiency of fibrous composite shells	1965
19710065673	Lunar TV camera	1965
19710066860	Measurement of N2 X/1 Sigma g plus/ rotational and vibrational temperatures over a 300 K to 1100 K range using a high energy electron beam	1965
19710066880	Water impact studies of model Apollo command module Final report	1965
19710066901	Research in the life sciences	1965
19710066978	Mars Surface Operations - Sample Design of a Minimal Mission	1965
19710067063	Radiation from slotted-cylinder antennas, coated with concentric layers of dielectric material	1965
19710067178	Improved Fortran 4 function contouring program	1965
19710067353	Low speed flight characteristics of a variable wing sweep fighter model	1965
19710067406	Resistance temperature transducer irradiation program - NERVA program	1965
19710067670	Graphite grains and graphite core-ice mantle grains	1965
19710069675	Postflight evaluation of Atlas-Centaur AC-3 /launched 30 June 1964/	1965
19710069676	Postflight evaluation of Atlas-Centaur AC-4 /launched 11 December 1964/	1965
19710069678	The planning process and its formalization in computer models	1965
19710070056	The vestibular system and human dynamic space orientation	1965
19710070063	Two-time-scale predictor model using scan of anticipated input	1965
19710070299	Analysis of a SNAP-8 EGS based on unmodified-1 component performance	1965
19710070313	Engineering support documentation for the SNAP-8 turbine alternator assembly. Volume 5 - Electrical design support for the SNAP-8 preprototype akterbatir /P/N 094162/	1965
19710070317	Engineering support documentation for the SNAP-8 turbine alternator assembly /LeRC unit 4/1/. Volume 3 - Ball bearing /P/N 092297/ and lubrication system	1965
19710070322	Thermal lag, hermetically sealed rotary inverter	1965
19710070332	Engineering support documentation for the SNAP-8 -1 turbine alternator assembly /LeRC unit 4/1/. Volume 1A - TAA design and requirements	1965
19710070359	Engineering support documentation for the SNAP-8 turbine alternator assembly. Volume 4 - Turbine stress analysis	1965
19710070368	Preliminary startup and shutdown investigations of SNAP-8 reference system, revision D	1965
19710070375	Engineering support documentation for the SNAP-8 -1 turbine alternator assembly /LeRC unit 4/1/. Volume 2 - Turbine aerodynamic and mechanical design	1965
19710070403	Engineering support documentation for the SNAP-8 turbine alternator assembly. Volume 6 - Mechanical design support for the SNAP-8 preprototype alternator /P/N 094162/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710070405	Engineering support documentation for the SNAP-8 turbine alternator assembly /LeRC unit 4/1/. Volume 1B - TAA design and requirements	1965
19710070744	Characteristics of an aerodynamic control system for use with blunt entry configurations at Mach numbers of 10.7 and 21.2 in helium	1965
19710072683	Desiccant chamber, Robbins P/N RAF-2SP-769	1965
19710072684	Pressure switch, Custom Component Switch, Incorporated, P/N 643GH-215	1965
19710072686	Micro Switch Company hermetically sealed subminiature switch P/N /HM/	1965
19710072692	A compact thermometer for the study of microthermal structure from oceanographic buoys	1965
19710072714	Mechanical filter, Robbins Aviation, Incorporated P/N RAF-2-SPEF-769 and RAF-SPE /A847/	1965
19710072716	Southwestern Industries, Incorporated, pressure switches PN PS-5832A-D1025	1965
19710072857	On the generalized Ehrenfest theorem	1965
19710072891	Quantum collisions. 1 - Physics of the collision process	1965
19710072919	Acoustical reflectometer	1965
19710073144	Dynamic response of the Gemini spacecraft in the moored configuration, revision C Final report	1965
19710073153	Generation of critical tables of standard reference data Final report	1965
19710073419	Logistics prediction study. Part 1 Final report	1965
19710073420	Description and specifications for use of the PAGEOS prediction computer programs. Part 2 Final report	1965
19710073559	High energy oxidizers research Quarterly progress report, 1 Apr. - 30 Jun. 1965	1965
19710073581	Kinetics Corporation heavy duty life-off switch P/N M998-1	1965
19710073693	Marsh Instrument Company, pressure gage manufacturer's P/N 210-3s-SFMH	1965
19710073707	Weksler Instruments Corporation, 1/4 inch pressure gauge P/N 917RRASF, 0-100 psig service	1965
19710073708	Cherry-Burrell Corporation expansion bellows 2-1/2 inch XXS pipe size P/N 8762500	1965
19710073709	Metals and Controls, Incorporated, plunger actuated switch P/N AT91-1	1965
19710073751	Aminco high-pressure couplings P/N 45-2141	1965
19710073752	Autoclave high-pressure couplings model numbers SF-.750-CX, SF-.5625-CX, SF-.375-CX, and SF-.250-CX	1965
19710073756	Grayloc high-pressure couplings, P/N 1-inch GR-11, 2-inch B-16, 4-inch GR-25, 4-inch GR-27, 6-inch GR-34	1965
19710073858	On Mark couplings P/N 1239016-06-1 /male/ and 1239016-05-1 /female/	1965
19710073965	Model 7100-A sound velocimeter	1965
19710074019	STAMP - Space Technology Analysis and Mission Planning. Formerly - A study of planetary transportation system model. Volume 4 - Manual, part 2	1965
19710074020	STAMP - Space Technology Analysis and Mission Planning. Formerly - A study of planetary transportation system model. Volume 4 - Manual, part 3 Final report	1965
19710074055	Model P9-1353 pressure transducer	1965
19710074285	The 6000 psi filter, Bendix P/N 047213	1965
19710074286	Meletron Corporation pressure switch P/N 372-21S	1965
19710074287	Custom Components Switches, Incorporated pressure switch, model no. 603GC9-7S	1965
19710074288	Metals and Controls, Incorporated, toggle switch P/N 2LS2-1	1965
19710074289	Cardair high-pressure couplings P/N 3510-0008	1965
19710074290	Snaptite coupling P/N 3268-9 /male/ and 3268-8 /female/	1965
19710074293	Aeroquip coupling assembly no. 340064-16, P/N AE90801M /male/ and AE90803M /female/	1965
19710074347	Extended mission Apollo environmental control and life support system extended missions parametric design analysis	1965
19710074482	Computer program for Apollo fuel cell radiator-condenser cooling system analysis	1965
19710074642	Quarterly Reliability Status Report /U/	1965
19710074913	General end item test plan for ACE-S/C ground stations	1965
19710074972	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Apr. - 15 May 1965	1965
19710075023	Octahedral research satellite, Mark 2 for coldwelding experiments Quarterly progress report, 1 Jun. - 31 Aug. 1965	1965
19710075031	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Jun. - 15 Jul. 1965	1965
19710075050	Acceptance checkout equipment - Spacecraft Monthly progress report, 15 Oct. - 15 Nov. 1965	1965
19710075075	Study of large Rankine-cycle nuclear space powerplants Monthly progress report, 1-28 Feb. 1965	1965
19710075147	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Aug. - 15 Sep. 1965	1965
19710075148	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Sep. - 15 Oct. 1965	1965
19710075151	NASA plug nozzle handbook	1965
19710075158	Thermal control coatings study. Extended Mission Apollo	1965
19710075677	Radiation from blunt-body hypersonic wakes /U/	1965
19710076026	Design control specification for test assembly, ranging	1965
19710076113	Special test equipment, planning and requirements list	1965
19710076664	Evaluation of IBM back-up computer	1965
19710076746	Lunar orbit rendezvous reference trajectory data package. Sensitivity matrices for Apollo error analysis /U/	1965
19710076774	Lunar excursion module prelaunch checkout plan /test and operations/	1965
19710076783	Lunar excursion module Monthly quality status report, 1 Dec. 1964 - 1 Jan. 1965	1965
19710076955	Design control specification for junction box set, carry-on	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076958	Lunar excursion module ground support planning and requirements list. Equipment versus site listing	1965
19710076973	ACE activation plan	1965
19710077023	Lunar excursion module. Contractor financial management report	1965
19710077142	Numerical integration of the Navier-Stokes equations	1965
19710077511	Saturn 5 DTV pretest analysis methods	1965
19710077523	Expandable Gemini to MOL crew transfer tunnel Bimonthly progress report, 1 May - 1 Jul. 1965	1965
19710077560	Signal conditioner, data register design control specification	1965
19710077569	ECS medium heat module system - Pump P/N 3196 STD, mixing valve P/N F-25, and control valve P/N F-7	1965
19710077599	Atlas/Centaur flight evaluation report - Vehicle AC-5	1965
19710077858	Specification for weight tank calibration unit, design control	1965
19710077864	Project Apollo GSE end item specification for water transfer unit, potable, lightweight, model S14-119	1965
19710077918	Project Apollo GSE end item detail specification for LEM auxiliary access platform set, internal, model H14-213	1965
19710078031	Specification for pulse generator, digitally controlled, design control	1965
19710078034	GSE end item specification for polarity checker, model H14-089	1965
19710078037	Project Apollo GSE end item specification for leak tester mass spectrometer, helium, model S14-003	1965
19710078066	Acceptance checkout equipment spacecraft Monthly progress report, 15 Nov. - 15 Dec. 1964	1965
19710078070	Design control specification for console, control, engine firing	1965
19710078072	Project Apollo GSE end item specification for service module equipment dolly, model H14-121	1965
19710078105	Little Joe 2 test launch vehicle Quarterly progress report	1965
19710078122	The motion of electrons in metals with impressed ultrasonic and magnetic fields	1965
19710078124	Cation interdiffusion in the chromia-alumina system	1965
19710078125	Exploring the feasibility of the electrodeless colloid thruster	1965
19710078127	A low field DHVA study of the Fermi surface of aluminum	1965
19710078157	Addendum 2 to specification SID 65-83	1965
19710078178	Valves, poppet, pneumatic actuator, mixing, water, 3 to 15 psig	1965
19710078179	Valves, needle, pneumatic actuator, flow control, water, 3 to 15 psig	1965
19710078331	Apollo guidance and navigation system Quarterly technical progress report, Jan. - Mar. 1965	1965
19710078338	Use of the Mikusinski operational calculus for approximate solution of n-th order linear nonhomogeneous differential equations with variable coefficients	1965
19710078356	Little Joe 2 test launch vehicle Monthly progress report	1965
19710078357	Apollo guidance and navigation system Quarterly reliability progress report, Oct. - Dec. 1964	1965
19710078367	Apollo precision frequency source Monthly progress report, 1-31 May 1965	1965
19710078408	The effect of an absorbent covering over a vibrating surface on sound radiation from the surface	1965
19710078424	Feasibility study of compliant devices to eliminate longitudinal instability	1965
19710078428	GSE end item specification for sling-pitch control motor interstage structure, model H14-092	1965
19710078429	Project Apollo GSE end item specification for the base assembly, S-4B /LEM/ adapter, model H14-165-101	1965
19710078434	Project Apollo GSE end item specification for dolly assembly, transport, S-4B /LEM/ adapter, model H14-173	1965
19710078435	Apollo manpower application report for the month of November 1964	1965
19710078786	Lunar orbit rendezvous reference trajectory data package. Apollo error analysis. Volume 1B - Trajectory 1, LEM error analysis Final report	1965
19710078834	Photomap reproduction system Final technical report, 28 Jul. 1964 - 15 Feb. 1965	1965
19710078854	Lunar orbit rendezvous reference trajectory data package. Apollo error analysis. Volume 5B - Trajectory 5, LEM error analysis Final report	1965
19710078884	Test procedure for proof loading descent stage dolly	1965
19710078887	Apollo GSE end item specification for spacecraft sling /without LES/	1965
19710078899	Apollo support program Quarterly progress report, Oct. - Dec. 1964	1965
19710078909	Apollo GSE end item specification for terminal distributor - Electrical, transfer room, assembly of model C14-552	1965
19710078939	Lunar orbit rendezvous reference trajectory data package. Apollo error analysis. Volume 4C - Trajectory 4, TEM rendezvous error analysis Final report	1965
19710078957	Apollo GSE end item specification for fixture assembly - Extension nozzle positioning model H14-157	1965
19710078962	Design control specification for test set, propellant quantity gaging section, reaction control subsystem	1965
19710079006	GSE end item specification for handling and installation set-RCS, model H14-098	1965
19710079020	Apollo GSE end item specification for stand assembly - Access, guidance and navigation optics, model H14-215	1965
19710079023	Apollo GSE end item specification for console assembly mobile data recorder, model C14-089	1965
19710079046	Apollo GSE end item specification for support frame assembly - Carry on, digital test command system, model C14-204	1965
19710079071	Apollo GSE end item specification for adapter - Roll over, model H14-084	1965
19710079074	Lunar orbit rendezvous reference trajectory data package. Apollo error analysis. Volume 5C - Trajectory 5, LEM rendezvous error analysis Final report	1965
19710079124	Apollo GSE end item specification detector set - Hydrogen leak, portable, model S14-098	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079125	A GSE end item specification for unit-signal conditioning and multiplexing, digital, model C14-211 /-101 configuration/	1965
19710079126	Apollo GSE end item specification for unit signal conditioning and sampling, analog, model C14-212 /-101 configuration/	1965
19710079392	Multifunctional, Auxiliary Propulsion Module Study Program	1965
19710079487	Apollo monthly progress report, 16 June - 15 July 1965	1965
19710079651	High reliability screening of semiconductor and integrated circuit devices Monthly progress report, 25 Jun. - 31 Jul. 1965	1965
19710080383	Compilation of operational performance records uninterruptible electrical power supply equipment	1965
19710080444	ABL/X-126R quality program plan	1965
19710080766	Apollo Support Program Quarterly Progress Report, Jan. - Mar. 1965	1965
19710080775	GSE end item specification for console signal conditioning unit, external, service module /modification kit/ for model C14-484 /-20/ configuration, addendum	1965
19710080784	Apollo GSE end item specification for thermal distributor set - Electrical exterior, model C14-578	1965
19710080786	LEM facilities plan Grumman facility requirements for LEM drop tests at Gyrodyne	1965
19710080790	Data report on 0 gravity support and restraint evaluation test program /phase 2/	1965
19710080791	Project Apollo end item specification for switching unit-electrical control, fluid distribution system, model C14-300 /-101 configuration/	1965
19710080796	Apollo project GSE end item specification for umbilical disconnect set, model A14-019 /configuration -101/	1965
19710080806	Apollo spacecraft Monthly quality status report	1965
19710080810	Project Apollo GSE end item detail specification for checkout panel, A14-172 umbilical disconnect, S4B /LEM/ adapter, model C14-594	1965
19710080811	Verification plan for AGC/LGC programs	1965
19710080812	Apollo GSE end item specification for unit-signal conditioning and sampling, analog, model C14-212 /-201 configuration/	1965
19710080814	Lunar Excursion Module support manual - Description of LEM test article LTA-10	1965
19710080815	Project Apollo end item specification for set assembly - Handling, G/N equipment, model H14-180	1965
19710080817	Apollo GSE end item specification for console - signal conditioning unit, external, model C14-589	1965
19710080818	Project Apollo end item specification for the disconnect set - Assembly, umbilical, model A14-172	1965
19710080820	Apollo GSE end item specification for junction box set - Electrical terminal distributor, model C14-528	1965
19710080823	GSE end item specification for electrical cable set, model C14-181	1965
19710080829	Apollo GSE end item specification for set-electrical function box, house spacecraft service equipment rooms, model C14-555	1965
19710080830	Apollo GSE end item specification for junction box set-electrical terminal distributor no. 6, model C14-534	1965
19710080833	Results of vibration tests LEM structural elements	1965
19710080835	Project Apollo end item specification for the cover set S-4B /LEM/ adapter, model A14-156	1965
19710080836	Project Apollo GSE end item detail specification for cap and plug set, S-4B /LEM/ adapter, model A14-173	1965
19710080846	Pressure proof and leak rate test of LEM crew compartment, TM-2	1965
19710080847	Apollo GSE end item specification for terminal distributor set, electrical, exterior, model C14-572	1965
19710080848	Apollo manpower application report, March 1965	1965
19710080869	Apollo GSE end item specification for console assembly - Servicing equipment, spacecraft adapter, model C14-240 /-201 configuration/	1965
19710080872	Preliminary LTA-10 test plan	1965
19710080876	Lunar excursion module support manual - Ascent/descent propellant section checkout assembly, part no. LDW430-62170	1965
19710080900	Project Apollo GSE end item specification for stand assembly-RCS static firing, model H14-143	1965
19710080903	General end item test plan for ACE-S/C ground stations 4 through 10	1965
19710080921	Apollo GSE end item specification for terminal distributor set, electrical, interior, model C14-588	1965
19710080922	Apollo GSE end item specification for adapter set, fluid disposal RCS nozzle, model A14-146 /-201 configuration/	1965
19710080930	LEM spares planning document	1965
19710080940	LEM facilities plan - Apollo requirements for the MSC RF systems test facility at Mila, Florida	1965
19710080958	Drawing and specification list, Apollo spacecraft complete	1965
19710080961	Apollo GSE end item specification for junction box set - Electrical terminal distributor no. 5, model C14-533	1965
19710081015	Apollo GSE end item specification for unit, signal conditioning and multiplexing, digital, model C14-211 /-201 configuration/	1965
19710081016	LEM documentation list, supplement	1965
19710081047	Apollo GSE end item specification for terminal distributor set, exterior, electrical, model C14-548	1965
19710081235	Study of long wavelength property requirements	1965
19710081302	BIRDS EYE 4-65, 24 April 1965	1965
19710081303	BIRDS EYE 2-65, 10 - 23 February 1965	1965
19710081304	BIRDS EYE 6-65, 8 - 22 July 1965	1965
19710081312	BIRDS EYE 3-65, 11 - 26 March 1965	1965
19710081313	BIRDS EYE 1-65, 12 - 25 January 1965	1965
19710081346	BIRDS EYE 5-65, 27 May - 10 June 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081398	Birds Eye 7-65, 9 - 26 August 1965	1965
19710081399	Birds Eye 8-65, 14 - 25 September 1965	1965
19710081545	Engineering flight test of the CH-37B Final report, 5 Sep. 1962 - 27 May 1963	1965
19710081945	Cost effectiveness of alternative long range navigation systems - 1975 Preliminary report	1965
19710081973	GSE end item specification for junction box set, electrical, terminal distributor no. 2, model C14-529	1965
19710081975	GSE end item specification for cable set, electrical, AMR launch complex 34, model C14-472	1965
19710081982	Test plan for the zero gravity test of the centrifugal water separator of the LEM ECS	1965
19710082021	GSE end item specification for cable set, special purpose, electrical model C14-305	1965
19710082025	Test procedure for proof loading PD-1 descent stage dolly	1965
19710082026	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Mar. - 15 Apr. 1965	1965
19710082027	Apollo guidance and navigation system - Monthly reliability progress report for January 1965	1965
19710082034	Apollo GSE detail end item specification for fluid distribution system model S14-088	1965
19710082036	Lunar excursion module. Support manual - Transportation and handling for LEM test article LTA-10	1965
19710082083	GSE end item specification for junction box set, distribution, electrical, model C14-587	1965
19710082085	Apollo/LEM facilities plan LEM requirements for the propulsion test complex at ETR	1965
19710082086	GSE end item specification for console assembly, battery charger, constant voltage, model S14-111	1965
19710082087	Spacecraft 006 test plan	1965
19710082092	GSE end item specification for cable set, special purpose, electrical model C14-188	1965
19710082093	GSE end item specification for base closure, S-4B /LEM/ adapter /model 14-157/	1965
19710082094	GSE end item specification for case assembly- spacecraft, ground power filter, model C14-316	1965
19710082095	GSE end item specification for battery charging unit model S14-015 /-101 configuration/	1965
19710082096	Apollo reliability plan	1965
19710082105	Drawing and specification list, Apollo spacecraft complete	1965
19710082121	Apollo guidance and navigation system - Block 1 factory test plan, 1 September 1964	1965
19710082235	Base region environmental results obtained from three Thor boosters	1965
19710082343	GSE end item specification for support fixture - Command module forward heat shield model H14-116 /configuration - 101/	1965
19710082350	Lunar excursion module Monthly quality status report no. 19	1965
19710082352	Grumman quarterly summary of quality control program performance audits for lunar excursion module, 1 May - 31 July 1965	1965
19710082369	Retrieval, examination and evaluation of materials exposed for 102 days on NASL deep sea materials exposure mooring no. 1	1965
19710082378	Control station, helium pressurization, design control specification for	1965
19710082379	Test assembly, ranging, design control specification for	1965
19710082450	Project Apollo GSE end item detail specification for weight and balance set, S-4B /LEM/ adapter /model H14-174/	1965
19710082513	Adhesives and torpedo guidance /U/	1965
19710082712	Design control specification for water separator discharge accumulator	1965
19710082713	Apollo guidance and navigation qualification status list /abridged edition of ND 1002034/	1965
19710082714	GSE end item specification for heat shield, sling model H14-056	1965
19710082716	General end item test plan for ACE-S/C ground stations 4 through 10. Appendix E - GAEC 1 /ground station 6/	1965
19710082718	General end item test plan for ACE-S/C ground stations 4 through 10. Appendix G - GAEC 2 /ground station 8/	1965
19710082783	Supercritical helium conditioning unit assembly, design control specification for	1965
19710082784	Dewar assembly, helium storage and transfer design control specification for	1965
19710082792	Project Apollo Quarterly report, 1 Mar. - 1 Jun. 1965	1965
19710082897	Design control specification for controller, helium distribution assembly, ammendment 2	1965
19710082965	Support plan for ACE-S/C ground stations	1965
19710083079	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Feb. - 13 Mar. 1965	1965
19710083080	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Jan. - 13 Feb. 1965	1965
19710083136	Monthly report, October 1965	1965
19710083143	Pressurization system for use in the Apollo service propulsion system Monthly progress report, 22 May - 21 Jun. 1969	1965
19710083187	Apollo GSE end item specification for junction box set, electrical model C14-491	1965
19710083251	Project Apollo- GSE end item specification for leveling jack set model H14-162	1965
19710083296	Apollo GSE end item specification for console-service propulsion system, remote control unit model C14-455	1965
19710083309	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Dec. 1964 - 13 Jan. 1965	1965
19710083315	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Jul. - 13 Aug. 1965	1965
19710083327	Solubility and diffusion study of oxygen in refractory metals and alloys Monthly report, Nov. 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083340	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Aug. - 13 Sep. 1965	1965
19710083365	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Sep. - 13 Oct. 1965	1965
19710083376	Advanced refractory alloy corrosion loop program Monthly status report, 15 May - 15 Jun. 1965	1965
19710083377	Advanced refractory alloy corrosion loop program Monthly status report, 15 Aug. - 15 Sep. 1965	1965
19710083378	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Jun. -13 Jul. 1965	1965
19710083385	GSE end item specification for electrical cable set, model no. C14-179	1965
19710083412	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 May - 13 Jun. 1965	1965
19710083413	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Mar. - 13 Apr. 1965	1965
19710083447	Determination of elevated temperature fatigue data on refractory alloys in ultra high vacuum Monthly progress report, 1 Nov. - 1 Dec. 1965	1965
19710083450	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Oct. - 1 Nov. 1965	1965
19710083522	Apollo GSE end item specification for console assembly - Propulsion system fluid checkout unit, Model C14-075 /- 101 configuration/	1965
19710083523	Apollo GSE end item specification for console assembly - Electrical power system, bench maintenance equipment, Model C14-040	1965
19710083525	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Nov. - 13 Dec. 1965	1965
19710083572	ACE-S/C reliability Quarterly status report, 1 Jul. - 30 Sep. 1965	1965
19710083644	Apollo support program Monthly financial report, Dec. 1964	1965
19710083660	General end item test plan for spacecraft test programs	1965
19710083661	Configuration management implementation plan for the ACE-S/C program	1965
19710083663	General end item test plan for ACE-S/C ground stations 4 through 10. Appendix F - MILA 2 /ground station 7/	1965
19710083765	End item test plan for ACE-S/C terminal switching facility	1965
19710083778	Apollo GSE end item specification for console group - Propulsion test complex transfer, junction boxes, model C14-497	1965
19710083782	Apollo GSE end item specification for console assembly - Propulsion test complex control, model C14-496	1965
19710083784	Apollo GSE end item specification for load bank unit - Load simulator, command module	1965
19710083807	GSE end item specification for tool set, Canard thruster, launch escape system, model A14-183	1965
19710083808	Simulator, LEM mission, design control specification for	1965
19710083811	Ground support equipment planning and requirements list - Vehicle listing, section 3	1965
19710083812	Apollo guidance and navigation system Quarterly status report, Jan. - Mar. 1965	1965
19710083889	Test plan, prototype propulsion rig PD-1, descent stage development testing at MSC/WSO	1965
19710083968	Design control specification for R.C.S. stand control station	1965
19710083972	Monthly progress report no. 31	1965
19710083975	GSE end item specification for electronic weighing kit /30,000 lb capacity/, model H14-041	1965
19710084039	GSE end item specification for launch escape motor support, model no. H14-055	1965
19710084097	Ground support equipment planning and requirements list - Site listing, section 2	1965
19710084121	Test procedure for ascent stage tank support deck proof load	1965
19710084149	LTA-1 measurement list	1965
19710084165	Project Apollo end item specification for the access platform set-internal, S-4 B /LEM/, model H14-176	1965
19710084398	General end item test plan for ACE-S/C ground stations, appendix G, GAEC 2 /ground station 8/	1965
19710084710	Ground dosages from low-level aerial line releases based on vertical vane and wind shear data	1965
19710084759	Report of the hypersonic facilities studies group	1965
19710084767	Electrical support equipment mission - Saturn 1B and 5 fabrication and checkout	1965
19710084818	Apollo support program Quarterly progress report, Jul. - Sep. 1965	1965
19710084843	ACE-S/C financial management report	1965
19710084845	End item test plan for ACE-S/C MILA peripheral equipment in launch complex 34	1965
19710084961	End item test plan for ACE-S/C-to-L/V computer interface cabinet assembly in launch complexes	1965
19710085067	Optimum radar receive waveforms in the presence of clutter	1965
19710085578	Flight test evaluation of F-5A/B taxi and landing loads. F-5A airplane AF 63-8372 flight test specification FS-147	1965
19710085722	Project Apollo end item detail specification for positioner assembly, cleaning model A14-014-101	1965
19710085723	GSE end item specification for terminal distributor set, electrical, interior, model C14-333	1965
19710085725	Control unit, switching, fluid distribution system, design control specification	1965
19710085726	Propulsion detail test plan and procedures number 1 for zero gravity flight tests in the KC 135, supplement 1	1965
19710085740	Apollo GSE end item specification for terminal distributor set - electrical, exterior, model C14-577	1965
19710085741	GSE end item specification for dolly service propulsion system engine, model H14-132	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085747	Facility requirements for LEM at the MSC environmental test facilities, appendix 6	1965
19710085759	GSE end item specification for umbilical disconnect set, Model A14-019 /Configuration -101/	1965
19710085760	GSE end item specification for case-filter and distribution unit, Model C14-205	1965
19710085761	Research and development for Project Apollo spacecraft, expenditures and commitments, functional reporting structure, period ending 29 May 1965	1965
19710085762	End item detail - Specification for anthropomorphic dummy handling equipment set /Model H14-181/	1965
19710085764	Apollo GSE end item specification for junction box assembly - electrical, high bay area, model C14-563	1965
19710085765	Apollo GSE end item specification for console assembly - C-band transponder checkout, model C14-112	1965
19710085875	LTA-2 vibration survey at Grumman Aircraft Engineering Corporation	1965
19710085881	Project Apollo end item detail specification for the light set, spacecraft LEM adapter /model A14-191/	1965
19710085886	Apollo/LEM facilities plan LEM requirements for Launch Complex 37 at ETR	1965
19710085889	LEM propulsion zero gravity test plan	1965
19710085890	Apollo GSE end item specification for terminal distributor set - electrical, exterior, model C14-549	1965
19710085892	Propulsion subsystems checkout station, design control specification for	1965
19710085893	Project Apollo GSE end item specification for leveling jack set, model H14-162	1965
19710085897	Project Apollo LEM facilities plan, LEM requirements for the MSO building at ETR, appendix 3B	1965
19710085898	Project Apollo GSE end item specification for cover set, protective model A14-063 /configuration 201/	1965
19710085901	Ace activation plan for Grumman Aircraft Engineering Corporation, Bethpage, New York	1965
19710085905	Design control specification for dc power supply, ACE - S/C - GSE	1965
19710085914	Project Apollo GSE end item detail specification for LEM auxiliary access platform set, internal /model H14-213/	1965
19710085960	Design control specification for checkout station, radar section	1965
19710085982	GSE end item specification for calibration unit, pressure 6000 PSIG model C14-426	1965
19710086029	GSE end item specification for service equipment digital test command system, Model C14-241 /-201 configuration/	1965
19710086080	Preliminary study report of a wake generating system for the ASW submarine target device 21 B12, miniaturized	1965
19710086085	NASA system design and research Bimonthly progress report, 1 Feb. - 31 Mar. 1965	1965
19710086095	GSE end item specification for access stand, service module external, Model H14-109, revision 1	1965
19710086098	GSE end item specification for signal conditioner /Model no. C14-135/, revision 1	1965
19710086123	End item detail specification for the light set, spacecraft LEM adapter /model A+4-191/	1965
19710086124	GSE end item detail specification for weight and balance set, S-4B /LEM/ adapter /Model H14-174/	1965
19710086127	Project Apollo gse end item specification for service propulsion oxidizer transfer and conditioning unit	1965
19710086130	GSE end item specification for hoisting fixture, general arrangement, Model H14-136	1965
19710086132	Analog signal conditioning and sampling unit, design control specification for	1965
19710086133	GSE modification kit specification for console assembly, R.F. checkout unit, Model C14-442	1965
19710086134	GSE end item specification for console assembly, heater power supply, Model 14-052 /-101 configuration/	1965
19710086135	GSE end item specification for service propulsion fuel transfer and conditioning unit, Model no. S14-008 /Configuration -201/	1965
19710086136	Test procedure for proof loading of cleaning positioner	1965
19710086137	ACE-S/C financial management report, period ending 25 July 1965	1965
19710086139	GSE end item specification for GSE handling cart, Model H14-021	1965
19710086142	GSE end item specification for set-electrical junction box, Station no. 1, house spacecraft, Model C14-559	1965
19710086150	Crew provisions detail test plan and procedures no. 3 for 0 gravity - Flights in the KC-135	1965
19710086153	Summary report for thermal tests of TM-2	1965
19710086154	GSE end item specification for console signal conditioning unit, external, service module, model C14-484 /-301 configuration/	1965
19710086155	GSE end item specification for control unit, fluid distribution system, SPS oxidizer, model C14-488	1965
19710086160	GSE end item specification for hoist beam assy, service module model H14-042	1965
19710086161	Project Apollo GSE end item specification for command module weight and balance set, model H14-059	1965
19710086162	Lunar excursion module ground support planning and requirements list	1965
19710086163	Design control specification for adapter assembly, S-band antennas	1965
19710086164	Design control specification for adapter assembly, VHF in-flight antennas	1965
19710086165	GSE end item specification for launch escape pitch control motor, dummy model A14-040	1965
19710086167	Apollo GSE, detail end item specification for fuel distribution system, model S14-041	1965
19710086168	Lunar excursion module Monthly status report , may 1965	1965
19710086179	Apollo GSE end item specification for modulation system pulse code, carry-on, model C14-210	1965
19710086180	Lunar excursion module Monthly quality status report, Jul. 1965	1965
19710086181	Apollo GSE end item specification miniaturized data interleaving system, model C14-232	1965
19710086198	GSE end item specification for service module equipment dolly, Model H14-121	1965
19710086199	GSE end item specification for adapter-duct installation, model A14-037 /-101 configuration/	1965
19710086200	GSE end item specification for external digital test command system, Model C14-231 /-201 configuration/	1965
19710086202	Apollo GSE end item specification for external digital test command system, model C14-231 /-101 configuration/	1965
19710086203	GSE end item specification for spacecraft boilerplate sling, model H14-9073	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710086204	Lunar excursion module Quarterly summary	1965
19710086206	Drawing and specification list Apollo spacecraft complete Progress report, 8-19 Mar. 1965	1965
19710086207	Apollo GSE end item specification for the S/M RCS fuel servicing unit, model S14-063	1965
19710086208	GSE end item specification for control unit, fluid distribution system, command module, fuel, model C14-446	1965
19710086209	GSE end item specification for control unit, fluid distribution system, service module, fuel, model C14-447	1965
19710086220	Apollo GSE end item specification for hoist beam assembly, service module and adapter, model H14-042 /minus 101 configuration/	1965
19710086223	GSE end item specification for electronic weighting kit /3000 lb. capacity/, model H14-040	1965
19710086225	GSE end item specification for hook-ballast pickup, LES, model H14-096	1965
19710086226	GSE end item specification for cradle-transport LES, model H14-083	1965
19710086232	Apollo guidance and navigation system Quarterly technical progress report, Oct. - Dec. 1964	1965
19710086233	SA-9 ground instrumentation reliability profile	1965
19710086319	Apollo spacecraft Monthly quality status report, 16 Jan. - 15 Feb. 1965	1965
19710086320	Apollo GSE End Item Specification for Console Assembly, Radio, Command Equipment Checkout, Model C14-490	1965
19710086321	Apollo GSE end item specification for load relieving device, weight and balance, model H14-178	1965
19710086322	Apollo GSE end item specification for module-stimuli generator, carry-on assembly of model C14-220 /minus 101 configuration/	1965
19710086323	Apollo GSE end item specification for electrical cable set, house spacecraft station 102, model C14-308	1965
19710086415	Apollo GSE end item specification for module, receiver and baseplate carry-on, model C14-200 /minus 101 configuration/	1965
19710086416	GSE end item specification for cable set, test, instrumentation, Model C14-593, -101 Configuration/	1965
19710086417	GSE end item specification for checkout set, crew systems, Model C14-009	1965
19710086419	Apollo GSE end item specification for cable set-electrical, portable, guidance and navigation system, model C14-462	1965
19710086421	Apollo GSE end item specification for display and control system, bench maintenance equipment, model C14-441	1965
19710086422	LTA measurements list	1965
19710086426	Preliminary plan for TM-5 landing stability demonstration tests	1965
19710086427	LEM program Monthly progress report, Feb. 1965	1965
19710086439	Filtering sampled functions	1965
19710086458	Lunar excursion module ground support planning and requirements list. Part 4 - Special listing	1965
19710086459	Lunar excursion module ground support planning and requirements list. 3 - Equipment versus vehicle or use listing	1965
19710086461	Apollo GSE end item specification for unit, conditioner and switching, matrix model C14-213 /minus 201 configuration/	1965
19710086462	Apollo GSE end item specification for module-baseplate, carry-on model C14-201 /minus 101 configuration/	1965
19710086464	Drawing and specification list - Apollo spacecraft complete	1965
19710086465	Drawing and specification list - Apollo spacecraft complete	1965
19710086467	Apollo Guidance and Navigation System - Test Plan	1965
19710086468	Design control specification for test station, antenna maintenance	1965
19710086470	Design control specification for cable set, GAEC factory facility	1965
19710086471	Apollo GSE end item specification for verification unit assembly - Up data link, buffer relay, model C14-376	1965
19710086586	Apollo GSE end item specification for distribution unit - Ground power, model C14-481 /-301 configuration/	1965
19710086587	Apollo GSE end item specification for set- crew hatch protector and seal, model A14-133	1965
19710086588	Apollo GSE modification kit specification for console assembly, RF switching unit, model C14-599	1965
19710086589	Test plan, heavyweight propulsion rig HA-3, ascent stage development testing at MSC/WSO	1965
19710086590	Solar reflecting beacon Monthly report	1965
19710086593	GSE end item specification for modulation system, pulse code, carry-on, Model C14-210 /-101 configuration/	1965
19710086594	Apollo GSE end item specification for module leak test unit module S14-079	1965
19710086601	Apollo GSE end item specification for tower assembly, umbilical environmental control system, model H14-149	1965
19710086602	Lunar Excursion Module ground support planning and requirements list. 4 - Special listing	1965
19710086603	Acceptance checkout equipment-spacecraft Monthly progress report, 15 Apr. - 15 May 1965	1965
19710086625	Lunar excursion module Monthly status report, 1 Feb. - 1 Mar. 1965	1965
19710086626	Ground support equipment end item specification for command module egress/ingress mechanism, model h14-160	1965
19710086627	LEM R and D communications circuit margins	1965
19710086630	Apollo GSE end item specification for console-system control unit, sequential, model C14-346	1965
19710086631	Apollo GSE end item specification for set, antenna open loop checkout, model C14-351	1965
19710086633	Apollo GSE end item specification for Console, system control unit, sequential, model C14-346	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710086634	Apollo GSE end item specification for instrumentation test tape and patchboard program set, model C14-591, 301 configuration	1965
19710086685	Apollo end item specification boilerplate no. 29	1965
19710086686	Apollo GSE end item specification for Service Module Cryogenic Facility Workstand, Florida Facility, model H14-201	1965
19710086688	Activation implementation plan for LEM facilities at Manned Spacecraft Center, Houston, Texas	1965
19710086689	Apollo GSE end item specification for service equipment digital test command system - Model C14-241 /-601 configuration/	1965
19710086690	Apollo GSE modification kit specification for test set-gaseous, environmental control system, model C14-110	1965
19710086691	GSE end item specification for Boatswain's chair model H14-093	1965
19710086693	Apollo GSE end item specification for ring assembly - Protective, forward ablative edge, model A14-220	1965
19710086694	Apollo GSE modification kit specification for test set - Stimuli generator suit loop, ECS, model A14-033	1965
19710086695	Apollo GSE end item specification for cable set, automatic checkout equipment, electrical, model C14-574 /-101 configuration/	1965
19710086696	Apollo GSE end item specification for instrumentation test tape and patchboard program set, model C14-591	1965
19710086697	Apollo GSE end item specification for load relieving device, weight and balance, model H14-178	1965
19710086698	Test procedure for the proof loading of the revised descent stage tank skirts	1965
19710086699	Apollo GSE end item specification for tool set, canard thruster, launch escape system, model A14-183 /-101 configuration/	1965
19710086700	Apollo GSE end item specification for unit, conditioner and switching, matrix, model C14-213 /minus 301 configuration/	1965
19710086701	One-third scale pattern and boresight-shift tests for radar antennas on LEM vehicle - Test plan and test procedure	1965
19710086702	Apollo spacecraft Monthly quality status report, 16 Mar. - 15 Apr. 1965	1965
19720062952	Specification for a unidirectional lightweight energy absorbing body support and restraint for use in the Apollo couch system or follow-on projects	1965
19720062955	Static dynamic, and vibration performance tests on the Apollo net couch body support system SK 10343	1965
19720063660	Ballistic-range measurements of ablation-products radiation from some selected plastics	1965
19720063665	Project Fire flight 1 heating and pressure measurements on the reentry-vehicle afterbody at a velocity of 38,000 feet per second	1965
19720063666	Experimental heat-transfer distributions on three 0.045-scale Apollo models at Mach numbers of 2.50 and 3.71	1965
19720063671	Hypersonic aerodynamic characteristics of a lifting reentry vehicle model with four types of longitudinal control surfaces	1965
19720063672	Forebody temperatures and total heating rates measured during Project Fire 1 reentry at 38,000 feet per second	1965
19720063673	Heat transfer to a 70 deg swep fin partly submerged in a turbulent boundary layer at Mach 6	1965
19720063681	Conference on Langley research related to Apollo mission	1965
19720063683	Recent experimental studies on heat transfer to Apollo command module	1965
19720063689	Surveyor Spacecraft Touchdown Dynamics Experiment	1965
19720063690	Landing Stability for Lunar Landing Vehicles	1965
19720063709	Utilization of Apollo Spacecraft Systems for Support of a Manned Orbital Research Laboratory	1965
19720063755	Atlas-Centaur flight AC-4 coast-phase propellant and vehicle behavior	1965
19720063770	Static aerodynamic characteristics at Mach number from 1.50 to 4.63 of a lifting reentry configuration having variable sweep wing	1965
19720063773	Stability and control characteristics from Mach number 1.50 to 2.86 of a model of a manned lifting entry vehicle	1965
19720063774	Transonic performance of ejector nozzles having zero boattail angle and an internal base	1965
19720063836	A unified method of generating conic sections	1965
19720063853	Abstract of proceedings for review of Apollo CSM Ground Operations Requirements Plan (GORP), block 2 spacecraft, SID65-308-1 and Apollo CSM Integrated Checkout Plan (ICP), block 2 spacecraft, SID65-308-2	1965
19720064043	Opportunities for participation in space flight investigations	1965
19720064126	Standard abbreviations for manned space flight scheduling	1965
19720064128	User's guide to the Tracking Data Processor and Orbit Data Generator programs	1965
19720064412	Design of an optimized vortex amplifier	1965
19720064413	Design of Optimized Three-Dimensional Thrust Nozzle Contours	1965
19720064610	Evaluation of a D.C. stepping motor for remote manipulation	1965
19720064698	A matrix equation arising in statistical filter theory	1965
19720065104	Review of industry-proposed in-pile thermionic space reactors. Volume 3: Nuclear fuels	1965
19720065120	Static stability and control characteristics of a 0.030-scale model of a Little Joe 2-LEM space vehicle at Mach 1.57 to 4.63	1965
19720065404	NASA PERT in facilities project management	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720065527	Flight vibration data from the Thor Agena vehicle used to launch Alouette (1962 beta alpha 1)	1965
19720065618	Design criteria and construction standards	1965
19720065827	Effects of static pitching moment and of rolling moment due to sideslip in enabling or preventing spin entry	1965
19720065828	Transonic aerodynamic characteristics of supersonic transport model with a fixed, warped wing having 74 deg sweep	1965
19720065829	Static longitudinal characteristics of a missile configuration of fineness ratio 14.7 from Mach 0.30 to 0.93	1965
19720065830	Heat transfer to the conical afterbody of a blunt-nosed reentry body with various nose-edge radii at Mach 6	1965
19720065831	Comparison of measured and calculated turbulent heat transfer in a uniform and nonuniform flow field on the X-15 upper vertical fin at Mach numbers of 4.2 and 5.3	1965
19720065832	Aerodynamic characteristics at Mach numbers 2.30, 2.60, and 2.96 of a supersonic transport model having a fixed, warped wing	1965
19720065833	Pressure and heat-transfer distributions of 0.1-scale Gemini exit and reentry models at Mach numbers of 3.51 and 4.44	1965
19720065834	Transonic aerodynamic characteristics of a lifting reentry vehicle having a delta planform and a flat bottom	1965
19720065881	Advanced lunar systems: A study of spacecraft derivatives and general evolution	1965
19720065882	Advanced lunar systems LSSM-LFV tiedown and unloading	1965
19720065897	Aerodynamic characteristics at Mach numbers from 0.40 to 2.86 of a missile model having all movable wings and interdigitated tails	1965
19720065898	Transonic aerodynamic nozzle hinge moments of F-1 engine without internal flow on a model of the S-1C stage of Saturn 5	1965
19720066080	Effects of Reynolds number on the stability of a blunt-nosed flared cylinder from Mach 17.6 to 22.2 in helium	1965
19720066081	Effect of wing sweep and camber on lateral stability of a variable-sweep airplane configuration at Mach numbers from 2.30 to 4.63	1965
19720066082	Aerodynamic Characteristics at Mach 1.60, 2.00, and 2.50 of a Cruciform Missile Configuration with In-Line Tail Controls	1965
19720066083	Predicted and measured aerodynamic characteristics for two types of atmosphere-entry vehicles	1965
19720066084	Static longitudinal stability of a blunt-nosed cylinder with flared afterbody at a Mach number of 19.2	1965
19720066085	Transonic aerodynamic characteristics of a supersonic transport model with variable-sweep auxiliary wing panels, outboard tail surfaces, and a design Mach number of 2.6	1965
19720066086	Effect of horizontal-tail height on aerodynamic characteristics of a transport model with a variable-sweep warped wing	1965
19720066087	Aerodynamic characteristics at Mach numbers from 2.30 to 4.63 of a supersonic transport model with a variable-sweep M wing	1965
19720066088	Stability characteristics at Mach 2.20 of a variable-sweep configuration having pylon-mounted nacelles with conical inlets	1965
19720066113	A low-speed longitudinal stability improvement study on a highly swept supersonic transport configuration	1965
19720066114	Some wind-tunnel measurements of effects of aeroelasticity on transonic aerodynamic characteristics of a supersonic transport	1965
19720066115	Transonic longitudinal aerodynamic characteristics of an air-breathing reusable booster model having variable-sweep wings	1965
19720066116	Experimental investigation of spreading characteristics of hydrogen gas vented from Atlas-Centaur vehicle at Mach numbers from 0.9 to 3.5	1965
19720066118	Longitudinal and lateral aerodynamic characteristics at Mach numbers from 0.60 to 4.63 for two variable-sweep configurations	1965
19720066119	A summary of research on variable-sweep fighter airplanes	1965
19720066120	Low-speed longitudinal aerodynamic characteristics of a supersonic transport model having a variable-sweep M wing	1965
19720066121	Aerodynamic loading characteristics of a reentry-glider and launch-vehicle model at transonic speeds	1965
19720066141	Predicting thermal conductivity of tungsten-uranium dioxide dispersions	1965
19720066267	Surveyor S-8 Spacecraft/Doppler Radar Performance Evaluation During Simulated Multiple Vernier Engine Random Vibration Excitation	1965
19720066314	A direct method for calculation of the flow about an axisymmetric blunt body at angle of attack	1965
19720066762	Apollo circumlunar abort guidance capability (abridgement)	1965
19720066770	Fabrication development of U-zrC fuels	1965
19720066831	Water-moderated tungsten nuclear rocket reactor concept	1965
19720066833	Effect of additives on thermal stability of tungsten-uranium dioxide composites	1965
19720067236	MCC-Houston real-time computer program requirements for Apollo C-1B: Trajectory processing requirements	1965
19720067283	4-Man Apollo Rescue Mission	1965
19720067289	Saturn IB Payload Planner's Guide	1965
19720067339	A 40 Watt Pu-238 Power Supply Engineering Study, Phase 1	1965
19720067569	Pulsed electromagnetic gas acceleration	1965
19720067570	Pre-ignition and ignition processes of metals	1965
19720067572	Nonlinear aspects of combustion instability in liquid propellant rocket motors	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720067608	Joining of tungsten-UO2 composites by diffusion bonding	1965
19720067621	Feed system analysis tungsten water moderated reactor	1965
19720067841	Digital computer programs for rocket nozzle design and analysis. Volume 8: Secondary expansion nozzle design	1965
19720067842	Digital computer programs for rocket nozzle design and analysis. Volume 9: Multiple expansion plug nozzle design	1965
19720067958	Development of the para-sail parachute for application as an earth landing system for second generation space craft	1965
19720067959	Development of the para-sail parachute for application as an earth landing system for second generation space craft	1965
19720067960	Development of the para-sail parachute for application as an earth landing system for second generation spacecraft. Stress analysis of the 70 ft. para-sail during inflation and steady descent	1965
19720067961	Development of the para-sail parachute for application as an earth landing system for second generation space craft	1965
19720067962	Development of the para-sail parachute for application as an earth landing system for second generation spacecraft	1965
19720067963	Development of the para-sail parachute for application as an earth landing system for second generation space craft. Final technical report: The effects of some design parameters upon the functioning of the para-sail	1965
19720067964	Development of the para-sail parachute for application as an earth landing system for second generation space craft	1965
19720067970	Continuous measurement of shock velocity using a microwave technique	1965
19720067976	An analytical study of separated flows induced by shock wave-boundary layer interaction	1965
19720067982	Saturn V/S-4B stage modifications for propellant control	1965
19720068047	Investigation of solubility and diffusion of oxygen in refractory metals	1965
19720068049	The meaning and measurement of centralization of control: An empirical study	1965
19720068777	Apollo GSE detail end item specification for fluid distribution system, model S14-085	1965
19720068778	Apollo GSE end item specification for sling assembly: Forward heat shield and forward boost protective cover, model H14-182	1965
19720068780	Apollo GSE end item specification for adapter set, reaction control system, assembly of model A14-146	1965
19720068781	Apollo GSE end item specification for set: Electrical junction box, house spacecraft, special test unit, control room, model C14-466	1965
19720068782	Apollo GSE end item specification for substitute unit: Console, assembly of model A14-016 (minus 101 configuration)	1965
19720068783	Adapter kit, checkout, ECS, design control specification for	1965
19720068785	Apollo spacecraft	1965
19720068787	Apollo GSE end item specification for case assembly: Spacecraft, ground power filter, model C14-316 (-201 configuration)	1965
19720068789	Apollo GSE end item specification for unit-signal conditioning and multiplexing, digital, model C14-211 (-301 configuration)	1965
19720068790	LTA-1 measurements list	1965
19720068792	Apollo GSE end item specification for cable-set, electrical model C14-108, addendum Add-1 SID-64-2226	1965
19720068793	Design control specifications for control assembly and propellant loading	1965
19720068794	Apollo LEM measurements requirements Lunar Excursion Modules 2 and 3 (LEM 2 and 3)	1965
19720068796	Study of time synchronization methods	1965
19720068797	Apollo guidance and navigation system	1965
19720068798	Apollo GSE end item specification for fluid distribution system installation, test preparation area 2A and 2B, model S14-082	1965
19720068800	Apollo GSE end item specification inspection set, propellant grain, launch escape motor, model H14-161	1965
19720068801	LEM Program Monthly Technical Progress Report	1965
19720068802	Design control specification for adapter, soft mount, ascent stage	1965
19720068803	Design control specification for workstand, descent stage	1965
19720068804	Acceptance checkout equipment spacecraft	1965
19720068805	Apollo support program ACE-S/C financial management report	1965
19720068807	Acceptance checkout equipment-spacecraft	1965
19720068808	GSE end item specification for unit-signal conditioning and sampling, analog model C14-212 (-301 configuration)	1965
19720068809	GSE end item specification for cable set: Radio frequency test facility, electrical model C14-338	1965
19720068811	Cable set, swing arm, design control specification for	1965
19720068812	Ground support equipment end item specification for inverter substitute unit equipment model A14-087	1965
19720068813	Ground support equipment end item specification for base support stand model H14-031	1965
19720068814	Ground support equipment end item specification for cover set, protective, model A14-063 (101 configuration)	1965
19720068816	GSE end item specification for console: Signal conditioning unit, external, service module, model C14-484 (-601 configuration)	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068817	Acceptance checkout equipment spacecraft	1965
19720068819	Apollo guidance and navigation test data program plan	1965
19720068821	GFE command and service module manned space flight network signal performance and interface specification, block 1	1965
19720068822	GFE command and service module manned space flight network signal performance and interface specification, block 2	1965
19720068823	GSE end item specification for launch escape motor, dummy (weight and balance equipment and procedure proofing, calibration), model A14-038	1965
19720068824	Apollo monthly progress report, 16 May - 15 June 1965	1965
19720068825	Computer programming plan ACE-S/C ground stations	1965
19720068826	Combined test plan and report for development testing of the LEM pyrotechnic cryogenic disconnect	1965
19720068828	Apollo guidance and navigation system	1965
19720068829	Apollo GSE end item specification for console group: Operations and control building, service tunnel, model C14-580	1965
19720068830	Apollo GSE end item specification for cable set: Special purpose, electrical model C14-473	1965
19720068831	Apollo GSE end item specification for access stairs, C/M hatch, model H14-111	1965
19720068833	Project Apollo	1965
19720068834	Apollo guidance and navigation qualification status list: Airborne parts/materials, special GSE parts/materials, deleted spec control drawings ND 1002034, including changes on TDRR 16917	1965
19720068835	Apollo GSE detail end item specification for fluid distribution system, model S14-038	1965
19720068836	Apollo GSE end item specification for console group, reaction control system valve driver and monitor unit, model C14-483, 101 configuration	1965
19720068837	Apollo GSE end item specification for adapter, fluid disposal, service propulsion system engine, model A14-147	1965
19720068838	Apollo GSE end item specification for console assembly, heater power supply, model A14-052	1965
19720068839	Apollo GSE end item specification for brazing equipment, induction, mobile, model S14-071	1965
19720068846	Test procedure for proof loading of descent stage support (GSE)	1965
19720068848	CSM/GSE interface control documentation status report	1965
19720068849	Apollo mission simulator simulated systems malfunction and failure effects catalog for S/C 012 configuration	1965
19720068850	Apollo Support Program Monthly Financial Report	1965
19720068856	GSE end item specification for junction box assembly, pad, Boilerplate 22 (modification kit for Model C14-172)	1965
19720068857	Quality program performance audits	1965
19720068859	Test procedure for calibration of outrigger struts	1965
19720068863	Lunar excursion module ground support planning and requirements list. 3: Equipment versus vehicle or use listing	1965
19720068864	Lunar excursion module ground operations requirements plan	1965
19720068865	GSE detail end item specification for purgemonitor and control unit, Model C14-590	1965
19720068866	Freon supply unit, design control specification for	1965
19720068867	Apollo GSE end item specification for calibration unit: Temperature, assembly of model C14-428	1965
19720068868	Apollo GSE end item specification crane control installation auxiliary 10 ton capacity, model A14-134	1965
19720068869	Apollo GSE end item specification for hoisting fixture, general arrangement, model H-14-136 (-101 configuration)	1965
19720068870	Apollo GSE end item specification for calibration set, flow rate model C14-427	1965
19720068875	Apollo GSE end item specification for cable set, electrical, model C14-181	1965
19720068876	Apollo GSE end item specification for adapter set assembly: Reaction control system, model A14-179	1965
19720068877	Quality program performance audits	1965
19720068879	GSE end item specification for fixture and bench assembly, test, instrumentation, Model C14-592	1965
19720068881	Drawing and specification list Apollo spacecraft complete	1965
19720068882	Facilities/GSE site activation plan Downey	1965
19720068885	Drawing and specification list, Apollo spacecraft complete	1965
19720068888	Special test equipment planning and requirements list	1965
19720068889	Apollo GSE end item specification for junction box set, electrical terminal distributor no. 4, Model C14-539	1965
19720068890	GSE end item specification for support base assembly, spacecraft altitude chamber, model H14-214	1965
19720068891	Apollo GSE end item specification for cable set-special purpose, electrical Model C14-189	1965
19720068892	Apollo GSE end item specification for cable set-special purpose, electrical Model C14-309	1965
19720068899	Apollo GSE end item specification for control unit assembly, attitude reference system, bench maintenance, model C14-307	1965
19720068903	Apollo GSE end item specification for console assembly, electrical power system, bench maintenance equipment, model C14-040	1965
19720068904	Apollo GSE end item specification for distribution unit, ground power, model C14-481, 201 configuration	1965
19720068905	Apollo GSE end item specification for detector set, hydrogen leak, portable model S14-098	1965
19720068911	GSE end item specification: Adapter box, data distribution panel, Model C14-571	1965
19720068913	LTA-2 test report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068922	Variance analysis: Functional reporting structure	1965
19720068923	HSC-1 (ESI, LTA-1) test plan: House spacecraft (electronics integration)	1965
19720068925	Specification for components test stand assembly, water glycol design control	1965
19720068926	Apollo GSE end item specification for console group, environmental control system, facility control room, model C14-544	1965
19720068929	Tests completed between 28 July 1964 and 28 January 1965	1965
19720068930	Digital, design control specification for signal conditioning and multiplexing unit	1965
19720068931	Design control specification for bench test console, rendezvous radar transponder	1965
19720068932	Crew provisions detail test plan and procedures number 1 for zero gravity flight test ts in the KC-135, supplement 1	1965
19720068933	NASA system design and research	1965
19720068934	Drawing and specification list, Apollo spacecraft complete	1965
19720068935	Facilities cost for Project Apollo spacecraft	1965
19720068936	Apollo monthly progress report, 16 April to 15 May 1965	1965
19720068942	Apollo GSE end item specification for console assembly: C-band transponder checkout, Model C14-112	1965
19720068943	Apollo GSE end item specification for cable set: Automatic checkout equipment, electrical, Model C14-574 (-201 configuration)	1965
19720068946	Apollo GSE end item specification for junction box set: Electrical space environment simulator laboratory, model C14-576	1965
19720068948	Apollo GSE detail end item specification for service propulsion system oxidizer bleed measuring equipment, model S14-122	1965
19720068949	Apollo GSE detail end item specification for service propulsion system fuel bleed measuring equipment, model S14-124	1965
19720068950	LEM program	1965
19720068952	Apollo GSE end item specification for console assembly, battery charger, constant voltage, Model S14-11	1965
19720068953	Apollo GSE end item specification for sling kit, horizontal lifting of jettison motor, nose cone combination, modification kit for model H14-094	1965
19720068954	Apollo GSE end item specification for substitute unit: Patch and logic distributor unit, model no. A14-075	1965
19720068955	Apollo GSE end item specification for access stand, S/M external, Model H14-109 (101 configuration)	1965
19720068956	Apollo GSE end item specification for adapter and duct set assembly: Facility air conditioning supply, Model A14-182	1965
19720068958	Apollo GSE end item specification for adapter roll over, Model H14-084	1965
19720068959	GSE end item specification for equipment installation fixture, Model H14-115	1965
19720068961	Apollo GSE end item specification junction box, acceptance checkout equipment: Spacecraft carry-on, Model C14-202	1965
19720068962	Project Apollo GSE end item specification for positioner assembly, cleaning, Model A14-014	1965
19720068963	Apollo GSE end item specification for fluid distribution system, radio frequency systems test facility, Model S14-120	1965
19720068964	Drawing and specification list Apollo spacecraft complete	1965
19720068965	Project Apollo end item specification for water transfer unit-rotatable, lightweight (Model S14-119)	1965
19720068966	Apollo GSE end item specification for case assembly-Pyrotechnic initiators substitute unit Model A14-139 (-101 configuration)	1965
19720068967	Apollo GSE end item specification for case assembly: Pyrotechnic initiators substitute unit Model A14-139	1965
19720068968	Apollo GSE end item specification for junction box set: Electrical terminal distributor no. 7 Model C14-535	1965
19720068969	Apollo GSE end item specification for load bank: Electrical Model A14-074 (-101 configuration)	1965
19720068970	Apollo GSE end item specification for junction box set; electrical terminal distributor no. 8, Model C14-536	1965
19720068971	Lunar excursion module	1965
19720068972	LEM requirements for hypergolic test facility no. 1, Apollo/LEM	1965
19720068973	quarterly summary of quality control audits for lunar excursion module	1965
19720068974	Drawing and specification list, Apollo spacecraft, complete	1965
19720068975	GSE end item specification for instrumentation test tape and patchboard program set, model C14-591 (minus 101 configuration)	1965
19720068976	GSE end item specification for battery conditioner unit assembly, model S14-091	1965
19720068977	End item specification for the base assembly, S-4B (LEM) adapter (model H14-165-101)	1965
19720068981	GSE end item specification for fluid distribution system installation, test preparation area 2A and 2B, Model S14-082	1965
19720068982	GSE end item specification for cable and fitting set, weight and balance, S/M and adapter, Model H14-127	1965
19720068983	Project Apollo Spacecraft Prelaunch Automatic checkout equipment (space)	1965
19720068984	Apollo GSE end item specification for junction box set: Electrical terminal distributor, no.3, Model C14-530	1965
19720068985	Apollo GSE end item specification for junction box set: Electrical	1965
19720068986	Apollo GSE end item specification for sling assembly: Forward heat shield and forward boost protective cover, Model H14-182	1965
19720068987	Apollo GSE end item specification for terminal distributor: Electrical, transfer room, assembly of, Model C14-552	1965
19720068988	Apollo GSE end item specification for Towbar, kit, positioning trailer, narrow base (kit for Model H14-052)	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068989	Apollo GSE end item specification for terminal distributor set, electrical, exterior, Model C14-579	1965
19720068991	GSE end item specification for console assembly-heater power supply, Model A14-052	1965
19720068992	Apollo GSE end item specification for antenna checkout set Model C14-032 (-201 configuration)	1965
19720068993	Apollo semiannual materials report, July 1962 - January 1963	1965
19720068995	Results of proof load test on swivel caster	1965
19720068996	Apollo GSE detail end item specification for fluid distribution system, Model S14-035	1965
19720068997	End item specification for command module reaction control system fuel servicing unit, model S14-064	1965
19720068999	GSE end item specification for adapter set, reaction control system, assembly of, Model A14-146	1965
19720069010	Hover and landing detailed presimulation report for simulation 3B, addendum A, amendment A	1965
19720069011	Apollo GSE end item specification for electrical terminal distributor 80 foot level mobile launcher, Model C14-357	1965
19720069013	Guidance and navigation system reliability and quality program	1965
19720069014	Apollo guidance and navigation failure reporting and corrective action plan	1965
19720069015	Drawing and specification list, Apollo spacecraft complete	1965
19720069016	GSE end item specification for coaxial test assembly, communications and data subsystems	1965
19720069017	End item specification for Saturn 1B/V Apollo static loading adapter, Model K24-3	1965
19720069018	Drawing and specification list, Apollo spacecraft, complete	1965
19720069020	Apollo GSE end item specification for cable set, electrical test prep area, F2 and AFRM 001, Model C14-494, -101 configuration	1965
19720069025	Project Apollo GSE end item detail specification for cap and plug set S-4b (LEM) adapter model A14-173	1965
19720069026	Apollo GSE end item specification for junction box set: Electrical, terminal distributor, no. 9, model C14-540	1965
19720069028	GSE end item specification for cable set: automatic checkout equipment, electrical, Model C14-574 (minus 301 configuration)	1965
19720069029	Apollo guidance and navigation system	1965
19720069031	Flight Crew Task Analysis: Lunar Excursion Module Design Reference Mission 1	1965
19720069033	ACE-S/C monthly progress report, 15 September - 15 October 1965	1965
19720069034	Mission trajectory control program project Apollo, phase 2 and phase 2A	1965
19720069036	Grumman quality status report for lunar excursion module, June 1965	1965
19720069037	Apollo GSE end item specification sling assembly, horizontal handling, model H14-085, 201 configuration	1965
19720069040	Apollo GSE end item specification for S-band range transmitter monitor Model C14-485	1965
19720069041	Apollo GSE end item specification for set: Radio frequency antenna, Model C14-596	1965
19720069042	Apollo GSE end item specification for pulse regenerator-line driver Model C14-261	1965
19720069043	Design control specification for liquid level gage, remote operated	1965
19720069047	Simulator, descent engine, design control specification for	1965
19720069048	Test station, general purpose inverter, design control specification for	1965
19720069049	Apollo GSE end item specification for console assembly: Servicing equipment spacecraft adapter (-401 configuration)	1965
19720069050	Monthly Progress Report, October 1965	1965
19720069051	Loading control assembly, propellant, design control specification for	1965
19720069052	Test stand, helium components, design control specification for	1965
19720069056	Apollo GSE end item specification for junction box assembly, electrical, high bay area model C14-557	1965
19720069057	Results of vibration tests LEM structural elements	1965
19720069058	Results of vibration tests of crew provisioning components	1965
19720069059	Apollo GSE end item specification for rack assembly, response system, carry-on, Model C14-203 (-101 configuration)	1965
19720069060	Apollo GSE end item specification for cable set, special purpose, electrical, Model C14-473	1965
19720069061	Design control specification for set, adapter test component	1965
19720069064	Apollo GSE end item specification for junction box set: Electrical terminal distributor no. 10 model C14-541	1965
19720069065	Apollo GSE end item specification for junction box assembly: Environmental Control System Facility, LOX pad model C14-545	1965
19720069066	LEM program monthly progress report, 27 April 1965	1965
19720069067	Apollo spacecraft	1965
19720069068	Monthly progress report	1965
19720069069	GSE end item specification for control unit, fluid distribution system, helium, model C14-449	1965
19720069070	GSE end item specification for control unit, fluid distribution system, SPS fuel, model no- C14-489	1965
19720069071	Apollo GSE end item specification console assembly: Power supply dc, model C14-262 (minus 101 configuration)	1965
19720069072	Monthly quality status report Apollo spacecraft	1965
19720069073	Test procedure for testing of LTA-2	1965
19720069076	Apollo GSE end item specification for the degasser, water glycol, model A14-236	1965
19720069077	Controller, EPS, checkout design control specification for	1965
19720069078	Antenna boresight committee	1965
19720069080	Apollo precision frequency source	1965
19720069082	Apollo spacecraft complete drawing and specification list	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069083	Apollo GSE end item specification set, wrench, launch escape system, tower explosive bolt model A14-130	1965
19720069084	CSM end item specification performance/design requirements spacecraft 006 Apollo	1965
19720069089	LEM program	1965
19720069091	Apollo GSE end item specification for Bridge set, pyrotechnic checkout initiators, Model C14-354	1965
19720069092	Design control specification for test station, data storage	1965
19720069093	Monthly Progress Report, Septmeber 1965	1965
19720069094	Apollo spacecraft	1965
19720069095	Apollo GSE end item specification console assembly: Fluid systems intermodule substitute unit model A14-031	1965
19720069096	Apollo GSE end item specification for junction box set: Electrical, station no. 102 house spacecraft	1965
19720069102	Phase 1 integration test plan for landing and rendezvous radar	1965
19720069103	Apollo GSE end item specification for breakout box assembly, test unit, command module to service module adapter, Model C14-467	1965
19720069104	GSE end item specification for cradle: Transport LES (Model H14-083)	1965
19720069105	Project Apollo GSE end item specification for cable arm and tray set, Model H14-152	1965
19720069110	GSE end item specification for boatswain's chair, model H14-093 (-101 configuration)	1965
19720069111	GSE end item specification for command module substitute unit, model A14-051	1965
19720069117	Special test equipment planning and requirements list	1965
19720069121	Apollo GSE detail end item specification for fluid distribution system, model S14-041	1965
19720069122	Apollo GSE end item specification for service equipment digital test command system, model C14-241 (-401 configuration)	1965
19720069123	Apollo GSE end item specification for service equipment digital test command system, model C14-241 (minus 501 configuration)	1965
19720069125	Apollo GSE end item specification for test unit, pressure mobile (model no. S14-067)	1965
19720069126	Drawing and specification list: Apollo spacecraft complete, 11 - 22 January 1965	1965
19720069131	Lunar excursion module	1965
19720069132	Design control specification for conditioner, signal, up-down counter	1965
19720069133	Monthly progress report number 30	1965
19720069134	Contractor's independent research and development program (CIRP)	1965
19720069135	Apollo guidance and navigation system	1965
19720069136	Data report on zero gravity support and restraint evaluation test program	1965
19720069142	Project Apollo GSE end item specification for fluid distribution system electrical control switching unit, Model C14-300	1965
19720069146	Ground support equipment end item specification for storage rack: SM removable skins model H14-114	1965
19720069154	Apollo GSE end item specification for service equipment digital test command system, model C14-241 (-301 configuration)	1965
19720069155	Apollo GSE end item specification for console group propulsion test complex, service junction boxes, model C14-498	1965
19720069156	GSE end item specification for access stand-vertical alignment model H14-133	1965
19720069157	Apollo GSE end item specification for console group, environmental control system facility test cell, model C14-543	1965
19720069158	Apollo standard initiator, ME453-0009-0004 specification non-conformance report	1965
19720069161	Digital interface test unit. Acceptance checkout equipment: spacecraft	1965
19720069162	Apollo guidance and navigation system	1965
19720069165	LEM program	1965
19720069167	Apollo measurement requirements: Apollo Mission A-003, Boilerplate 22/Little Joe 212-51-2	1965
19720069170	GSE end item specification for battery conditioner, unit assembly Model S14-091	1965
19720069171	GSE end item specification, optical alignment set, launch escape system Model A14-007	1965
19720069172	GSE end item specification for adapter, fluid disposal, service propulsion system engine Model A14-147	1965
19720069173	GSE end item specification for cable set, test, instrumentation model C14-593	1965
19720069176	Apollo GSE end item specification for cable set, special purpose, electrical, model C14-309	1965
19720069180	Apollo GSE end item specification for hoisting and handling set, weight and balance, model H14-177	1965
19720069181	Apollo GSE end item specification for junction box assembly, electrical, high bay area, model C14-558	1965
19720069196	Cart, storage and transfer, substitute propellants design control specification for	1965
19720069198	Lunar excursion module ground support planning and requirements list	1965
19720069199	Apollo GSE end item specification for set-static checkout device model C14-458	1965
19720069200	Apollo LEM measurements requirements flight test article 1 and 2: Program Apollo	1965
19720069202	Apollo GSE detail end item specification for fluid distribution system, model s14-107	1965
19720069222	CSM end item specification. Part 1: Performance/design requirements Spacecraft 102 for Apollo CSM system	1965
19720069224	Tests of sealing methods	1965
19720069226	Quarterly Reliability Status Report, 31 December 1965	1965
19720069227	Apollo GSE end item specification for the environmental control system water-glycol recirculation unit, model S14-125	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069231	Activation implementation plan for LEM facilities at Manned Spacecraft Center, Houston, Texas	1965
19720069236	GSE end item specification for auxiliary crane control model No. A14-046	1965
19720069237	Test procedure for proof loading of cleaning positioner	1965
19720069238	Contractor's independent research and development program (CIRP)	1965
19720069240	Apollo GSE end item specification for console assembly: Thrust vector control, remote, model C14-353	1965
19720069241	Apollo GSE end item specification for cable set, automatic checkout equipment, electrical, model C14-574, 101 configuration	1965
19720069242	Lunar excursion module ground support planning and requirements list. 1: Numerical listings	1965
19720069243	Apollo GSE end item specification for tower substitution, launch complex, assy of model A14-210	1965
19720069244	GSE end item specification for checkout and maintenance SPS engine support fixture, model H14-120	1965
19720069247	LEM requirements for fluid test support building LEM addition	1965
19720069249	Apollo GSE end item specification for battery charging unit, model S14-015 (minus 101 configuration)	1965
19720069250	Design control specification for floor cover, protective, ascent stage	1965
19720069251	Design control specification for baseplate unit, carry on (DTCS), August 1965	1965
19720069252	Design control specification for receiver and baseplate unit, carry on (DTCS)	1965
19720069253	Apollo GSE end item specification for console, signal conditioning unit, external, service module model C14-484, 501 configuration	1965
19720069254	Apollo GSE item specification for cable set, electrical model C14-187	1965
19720069255	Apollo guidance and navigation system	1965
19720069256	Plan for vibration tests of LTA-3	1965
19720069257	Vacuum pump, water management section servicing, design control specification for	1965
19720069258	Apollo GSE end item specification for module: Dual baseplate unit, carry-on, model C14-265	1965
19720069259	Apollo GSE end item specification for coaxial test assembly: Communications and data subsystems, model A14-152	1965
19720069260	Apollo support program	1965
19720069261	Apollo GSE end item specification unit, signal conditioning and multiplexing, digital, model C14-211 (-101 configuration)	1965
19720069262	Apollo GSE end item specification for power supply, ground, spacecraft model C14-418	1965
19720069263	Apollo support program	1965
19720069264	Apollo GSE end item specification for console, signal conditioning unit, external, service module model C14-484, 401 configuration	1965
19720069265	APollo GSE end item specification for support base assembly, integrated test stand, model H14-134	1965
19720069266	Apollo GSE end item specification for fixture, weight and balance, model H14-017	1965
19720069267	Project Apollo GSE end item specification for mission sequencer group bench maintenance equipment	1965
19720069268	Apollo GSE end item specification for terminal distributor set, electrical, exterior, Model C14-551	1965
19720069269	Apollo GSE end item specification for hatch assembly-entry, crew compartment, model A14-129	1965
19720069271	Apollo GSE end item specification for cable set, automatic checkout equipment, electrical model C14-574	1965
19720069272	Apollo GSE end item specification for case assembly, spacecraft ground power filter model C14-316, 101 configuration	1965
19720069273	Design review procedures	1965
19720069274	Apollo GSE end item specification for console-assembly: Servicing equipment, spacecraft adapter, model C14-240 (-101 configuration)	1965
19720069299	Apollo GSE end item specification for Scupper set, S/C servicing, Model S14-112	1965
19720069300	GSE end item specification for kit fitting, boost cover attach (modification kit for Model H-14-057-101)	1965
19720069301	GSE end item specification for console group, reaction control system value driver and monitor unit, Model C14-483	1965
19720069302	Apollo GSE end item specification for assembly of nozzle simulator, fireable, assembly of, Model A14-208	1965
19720069303	Apollo GSE end item specification for load bank, electrical model A14-074	1965
19720069304	Apollo GSE end item specification for anthropomorphic dummy handling harness, model H14-034	1965
19720069305	Apollo GSE end item specification for distribution unit-ground power model C14-481 (-301 configuration)	1965
19720069306	Apollo GSE end item specification for calibration unit: Pressure 6000 psig model C14-426	1965
19720069309	Ground support equipment for end item specification for panel assembly-test, disconnect set model C14-440	1965
19720069318	Weight and mass property reporting requirements for Apollo subcontractors and suppliers	1965
19720069324	Test procedure no. 1 for the zero gravity test of the centrifugal water separator of the LEM environmental control subsystem	1965
19720069325	GNC electrical design feasibility study on CSM transponder antenna	1965
19720069326	Apollo guidance and navigation system	1965
19720069335	An investigation of passive sonar ATF performance using simulation techniques (U)	1965
19720069405	Design control specification for adapter assembly, VHF/UHF R and D antennas	1965
19720069409	Lunar Excursion Module, Support Manual Engine Firing Control Station, Part No. LDW 410-62220	1965
19720069418	Testing Requirements of Computer Programming for Apollo	1965
19720069648	Definition of Telemetry equipment for Apollo Passive Lunar scientific Experiments (TAPLE). Volume 2: Program specifications	1965
19720069649	LEM 1, 2, 3 measurements list	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069651	Scavenging assembly, RCS, design control specification for	1965
19720069652	Design control specification for components test stand assembly, water	1965
19720069653	Financial management report, period ending 30 September 1965	1965
19720069654	Design control specification for transfer control assembly, RCS, fuel	1965
19720069655	Apollo monthly progress report, 16 July - 15 August 1965	1965
19720069656	Design control specification for station, control, R.C.S. firing	1965
19720069657	Simulator, ascent engine, design control specification for	1965
19720069658	Stand assembly, components test, gaseous oxygen, design control specification for	1965
19720069659	Suspension damper PA-1 soft-mount adapter, design control specification for	1965
19720069660	Test station, command control section, design control specification for	1965
19720069661	Test set, initiator simulator, design control specification for	1965
19720069662	Electromagnetic interference control requirements, LEM ground support equipment, general specification for	1965
19720069666	Procedure for connector leak detection test	1965
19720069667	Transfer control assembly, RCS, oxidizer, design control specification for	1965
19720069668	GSE end item specification for electrical cable set - Vertical Assembly Building, Bay 1, LC 39, model C14-342	1965
19720069669	GSE end item specification for console - system control unit, sequential, model C14-346 (-101 configuration)	1965
19720069670	GSE modification kit specification for adapter-test set, pressure distribution environmental control system (Mod Kit) model A14-034	1965
19720069671	Apollo GSE, detail end item specification for fluid distribution system, model S14-0-35	1965
19720069673	Ground support equipment end item specification for umbilical disconnect set model A14-019	1965
19720069674	Monthly Progress Report no. 34	1965
19720069675	Quality control program performance audits for lunar excursion module	1965
19720069676	Design control specification for probe assembly, C band antenna	1965
19720069678	General end item test plan for ACE-S/C ground stations. Appendix H: MSC 2 (ground station 9)	1965
19720069680	Apollo Monthly Progress Report, 16 Oct. - 15 Nov. 1965	1965
19720069681	Mission trajectory control program, phase 2	1965
19720069684	Apollo GSE end item specification for load bank, electrical model A14-074	1965
19720069686	Compilation of a list of task assignments to support the production of the mission trajectory documents	1965
19720069687	Design control specification for vehicle ground power supply assembly	1965
19720069688	Project Gemini Inertial Measurement Unit - Attitude Display Group interface characteristics	1965
19720069689	Apollo GSE end item specification for tower-substitution, launch complex, assy of model A14-210	1965
19720069690	Apollo GSE end item specification for support frame assembly - carry-on digital test command system, model C14-204 (-201 configuration)	1965
19720069691	GSE end item specification for general purpose dolly (-101 configuration)	1965
19720069692	Controller, fluid distribution system valve box, design control specification for	1965
19720069693	GSE end item specification for electrical cable set, house spacecraft station 102, model C14-308	1965
19720069694	Other equipment end item specification Part 1: Performance/design requirements, mission control programmer, block 1, for Apollo CSM system	1965
19720069695	GSE end item specification for case - response system test set, model C14-386	1965
19720069696	Ground support equipment planning and requirements and status list. Volume 3: Site listing	1965
19720069791	Test assembly, digital command, design control specification for	1965
19720069792	Apollo GSE end item specification for case-command system test set, Model C14-385	1965
19720069793	Apollo GSE end item specification for rack-mounting, ACE SC, external, model C14-206	1965
19720069794	Design control specification for propulsion subsystems checkout station	1965
19720069796	Design control specification for rack, signal patching and switching	1965
19720069797	General end item test plan for ACE-S/C ground stations	1965
19720069798	Design control specification for running gear, torsion bar, suspension, transporter	1965
19720069799	GSE end item specification for console assembly: Servicing equipment, space adapter, model C14-240 (-501 configuration)	1965
19720069801	Design control specification for anechoic chamber	1965
19720069803	Test station, abort guidance section, maintenance, design control specification for	1965
19720069804	Power supply, 10 volt, PCMTEA, design control specification for	1965
19720069805	End Item Specification for the Water-Glycolcontainer for Environmental Control System (Model S14-140)	1965
19720069806	Design control specification for video simulator, slow scan	1965
19720069807	GSE end item specification for console-service equipment, digital test command system model C14-268	1965
19720069808	Design control specification for adapter assembly, SLA VHF/UHF R and D antennas	1965
19720069809	Simulator, descent stage, design control specification	1965
19720069810	GSE end item specification for power supply ground, spacecraft	1965
19720070024	Design control specification for adapter, checkout, landing radar antenna	1965
19720070025	Apollo GSE end item specification for cable set mobile launcher number 1 model C14-339	1965
19720070026	Apollo GSE end item specification for external digital test command system model C14-267	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070027	Apollo GSE end item specification for console, service equipment, digital test command system model C14-268 (-101 configuration)	1965
19720070028	Apollo GSE end item specification, console group, vertical building model C14-355	1965
19720070029	Design control specification for test set, initiator simulator	1965
19720070030	Design control specification for set, ascent stage fitting	1965
19720070031	Design control specification for test station, maintenance, power distribution	1965
19720070032	ACE-S/C Financial Management Report	1965
19720070033	Design control specification for RCS and propulsion Computer Tape Processor (CTP)	1965
19720070034	Design control specification for pressure maintenance unit	1965
19720070035	Design control specification for adapter set, propulsion	1965
19720070036	Design control specification for adapter, checkout, anechoic, rendezvous radar	1965
19720070037	LEM-1 end item ground operations requirements plan. Volume 1: Factory checkout plan	1965
19720070188	Apollo mission SA-501 preliminary spacecraft reference trajectory. Volume 3: Radar sighting data	1965
19720070462	Externally heated thermionic converter (U)	1965
19720070530	Design control specification for transfer unit, gaseous oxygen	1965
19720070531	Design control specification for dolly, descent stage engine installation	1965
19720070549	Target motion analysis and system effectiveness. Volume 1: Mathematical model	1965
19720070627	Ultrasonic inspection techniques of weldments	1965
19720071091	Design control specification for facility control station, propellant	1965
19720071380	Reliability-maintainability program fire control system Mk 113 mod 2	1965
19720071558	Externally heated thermionic converter (U)	1965
19720071604	End point and range rate linearity study (U)	1965
19720071975	The response of p-i-n detectors to various nuclear radiation environments	1965
19720072153	Saturn 1B mission plan and technical information checklist, volume 2	1965
19720072168	Program design specification for lunar orbiter DSIF on-site command and telemetry data handling system	1965
19720072169	Descriptions of present and projected projects, 1966 - 1985, Appendix B	1965
19720072422	Critical analysis of B-52 stability augmentation and flight control systems for improved structural life, part 1, initial feasibility study, volume 1	1965
19720072423	Critical analysis of B-52 stability augmentation and flight control systems for improved structural life, part 1, initial feasibility study, volume 2	1965
19720072424	Critical analysis of B-52 stability augmentation and flight control systems for improved structural life, part 1, initial feasibility study, volume 3	1965
19720072544	Incomplete results and recommendations of a current study of a ground-based photometric method of measuring the optical degradation of test surfaces in orbit	1965
19720072794	Electrical properties of rocket plumes (U)	1965
19720073111	Critical analysis of B-52 stability augmentation and flight control systems for improved structural life, part 1, documentation of the analog computer simulation	1965
19720073237	Infrared NDT of solid propellant motors with LMSC Mod 6 and Barnes T-4 IR camera systems	1965
19720073238	Nondestructive testing of mine batteries	1965
19720073343	Apollo: Technical description for earth orbit	1965
19720073729	An automated data processing system for the computation of maintenance data indices for surface missile systems	1965
19720073734	Ultrasonic detection and evaluation of corrosion in Polaris interstage magnesium alloy test assemblies	1965
19720073735	Evaluation of nondestructive test methods for inspection of Polaris A3 EBW squibs	1965
19720074049	Saturn IB project specification (SA-201)	1965
19720074069	Saturn V program specification (SA-501)	1965
19720074276	Program Scheduling and Review Handbook	1965
19720074277	Space science and applications program	1965
19720074331	Apollo tracking and navigation	1965
19720074431	An automated data processing system for the indexing and retrieval of technical references	1965
19720074867	A comparison of the precooled hydrogen expander and turbojet cycles for hypersonic propulsion (U)	1965
19720075015	Apollo GSE end item specification for cable set, special purpose, electrical, model C14-473	1965
19720075016	Apollo GSE end item specification for pulse generator-line driver model C14-261 (-101 configuration)	1965
19720075017	Apollo GSE end item specification for scupper set, SC servicing model S14-112 (-101 configuration)	1965
19720075018	Apollo GSE end item specification for rack assembly, response system, carry on, model C14-203 (-201 configuration)	1965
19720075019	Apollo GSE end item specification for instrumentation test tape and patchboard program set, model C14-591 (-201 configuration)	1965
19720075020	Apollo GSE modification kit specification for test set, pressure distribution, environmental control system, model A14-034	1965
19720075021	Design control specification for force measurement section (static firing test stand)	1965
19720075022	Apollo support program	1965
19720075315	Extreme vacuum technology including a pressure calibration study	1965
19720075408	Spacecraft LEM adapter blowover analysis	1965
19720075412	Technology of aluminum honeycomb	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075419	Development test results of electrical switches	1965
19720075420	Presimulation report for ascent, descent and abort simulation program (2B)	1965
19720075421	Apollo equipment block diagrams, volume 1	1965
19720075422	Apollo equipment block diagrams, volume 2	1965
19720075423	Apollo equipment block diagrams, volume 4	1965
19720075424	Apollo equipment block diagrams, volume 3	1965
19720075425	Users guide to the block 2 AGC/LGC interpreter	1965
19720075435	Prelaunch checkout computers as decision aids 1: Software implications of test planning and control functions	1965
19720075438	Prelaunch checkout computers as decision aids. 3: Data organization and display for fault isolation	1965
19720075439	Natural environment and physical standards for the Apollo program	1965
19720075523	Apollo-Saturn 1B spacecraft systems verification test	1965
19720075525	Apollo-Saturn 1B RF compatibility test	1965
19720075526	Apollo-Saturn 1B swing arm functional test	1965
19720075571	NASA incentive contracting guide	1965
19720075601	Calculation of steady, three-dimensional supersonic flow-fields by a finite difference method	1965
19720075779	Prospectus 1965: A listing of program opportunities, 1966 - 1985	1965
19720075899	Lunar deboost digital computer studies	1965
19720075900	CSM-DAP-I: Quantization of engine gimbal commands for block 2 digital autopilot (CSM)	1965
19720075901	Measuring L/D to improve accuracy on flight 204	1965
19720075902	An analysis of control of track deviation during lunar deboost	1965
19720075903	Effect of pointing error on outbound trajectory	1965
19720075904	Effect of pointing error on inbound trajectory	1965
19720075905	Abort during the boost phase of flight 204	1965
19720075906	Deboost into lunar orbit: Effect of variations in steering parameters on apogee error, perigee error and plane error	1965
19720075907	A generalized solution to the impulsive guidance problem	1965
19720075908	Landing equations: Engine ignition to touchdown	1965
19720075909	Abort with SPS power during the boost phase of flight 202	1965
19720075910	Display during boost into orbit	1965
19720075969	Saturn Apollo emergency detection system checkout schematics AS-201(SA-201/SC-009)	1965
19720075980	Programming and bench/testing of the digital filter for the CSM autopilot	1965
19720075981	Current version of lunar landing guidance equations	1965
19720075982	Sensitivity of polynomial coefficients to perturbations in root location and of the roots to perturbation of the coefficients	1965
19720075983	Equations for non-optimum estimate of mean square mid-course velocity correction	1965
19720075986	Apollo-Saturn 1B cryogenics tanking test	1965
19720075988	Apollo extension system flight operations analysis	1965
19720075990	Definition of Saturn SA-204 flight sequence program	1965
19720075994	Definition of Saturn SA-204 and Apollo SC-012 electrical interface	1965
19720075998	Definition of electrical interface Saturn launch vehicle ESE to Apollo spacecraft ESE	1965
19720075999	Definition of electrical interface Saturn launch vehicle ESE to Apollo spacecraft ESE SA-201/SC-009	1965
19720076011	Flight mechanics panel interface control document for the Apollo-Saturn 205 (S/C-014)	1965
19720076017	MSC/MSFC lunar landing mission reference trajectory, Volume 2	1965
19720076189	Organization of computation and control in the Apollo guidance computer	1965
19720076240	Updating the determinant of the covariance matrix	1965
19720076241	Saturn back-up MAC simulations	1965
19720076242	Back-up guidance for flight 207	1965
19720076243	JETLIST, a routine for implementation of jet commands in block 2 spacecraft	1965
19720076244	Notes for ephemeris programs for the AGC	1965
19720076321	Mission trajectory control program, Project Apollo (phase 2)	1965
19720076830	Predicted preflight report for CSM end item spacecraft 009	1965
19720077244	Probable contaminants and their recommended air levels in space vehicles	1965
19720077448	The Apollo mission	1965
19720077451	MCC-Houston real-time computer program requirements for Apollo c-5, introduction and summary, volume 1	1965
19720077471	Manned SV-5 Logistics Spacecraft for USAF Operational Space Stations 1970-1980	1965
19720077485	Technical plan for Apollo postflight trajectory analysis task	1965
19720077486	Apollo mission trajectory control program	1965
19720077487	Apollo mission trajectory control program	1965
19720077697	Gemini mission GT-3 hazard evaluation orbital debris reentry hazards study	1965
19720077907	Performance requirements for early postburnout interception of submarine-launched ballistic missiles from airborne platforms (U)	1965
19720077909	Kwajalien reentry measurement program plan (U)	1965
19720077910	Design and development of an integrator for an inertial altitude determination system (U)	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077911	Injection cooling materials for hypersonic reentry (U)	1965
19720077912	Nuclear pulse propulsion (Orion) technical status summary and ground-oriented development plan (U)	1965
19720077913	Investigation of controlled pulse laser techniques (U)	1965
19720077914	Quarterly Progress Report, 4 June - 3 September 1965 (U)	1965
19720077915	Waveform studies (U)	1965
19720077916	A study of PEEK survivability (U)	1965
19720077919	Drag-blast load simulation and simple structural response (U)	1965
19720077921	Advanced reentry programs. Volume 2: Materials and systems studies (U)	1965
19720077922	VIP experiment critique, Langmuir probes (U)	1965
19720077923	Color temperatures of Atlas and Minuteman continuum radiation (U)	1965
19720077924	Experimental verification of frequency diversity (U)	1965
19720077925	Reentry vehicle instrumentation program (U)	1965
19720077926	RVIP program (U)	1965
19720078035	Centaur Phase 2 Inertial Guidance System Study. Volume 1: Technical Proposal (U)	1965
19720078078	Control moment gyroscope design report for United States National Aeronautics and Space Administration, Langley Research Center	1965
19720078086	Customer acceptance readiness review, spacecraft 009 report	1965
19720078087	Postlaunch report for Apollo mission A-002	1965
19720078097	Titan 3-C/Apollo-MOL study	1965
19720078313	DASA tracking system experimenters handbook. Equipment description and performance characteristics	1965
19720079374	Rendezvous concept for circumlunar flyby in 1967	1965
19720079380	Mars probe lander. Part 1: Review	1965
19720079388	Proposal for the GEOS tracking systems analyses and accuracies determination study	1965
19720079480	Athena flight no. 023 (missile C008-B-08) (U)	1965
19720079481	Low altitude air defense system (CHAPARRAL) (U)	1965
19720079485	Operational decoys, associated equipment and services for WS107A-2 (Titan 2) (U)	1965
19720079486	RAT SCAT cross section measurements of the 120 inch drop model (U)	1965
19720079487	RAT SCAT cross section measurements of the operational Mark 6 vehicle, Mod 3 (U)	1965
19720079489	Reentry data report: WTR test no. 4674 (U)	1965
19720079490	RAT SCAT cross section measurements of the Rex vehicle (U)	1965
19720080082	Test and evaluation of capacitors, fixed, ceramic-dielectric, feed-thru for MIL-C-110	1965
19720080157	Planar array sonar system, 2 (U)	1965
19720080158	Planar array sonar systems, 4 (U)	1965
19720080159	Planar array sonar system, 6 (U)	1965
19720080272	Test plans for the 3 x 3 (9-element) experimental modulation scan beamformer (U)	1965
19720080484	Studies of thermionic materials for space power applications	1965
19720080495	A-7A estimated flying qualities	1965
19720080505	Studies of thermoinic materials for space power applications	1965
19720080509	Brayton cycle heat source study	1965
19720080593	Test and evaluation of capacitors, fixed, electrolytic, type, (aluminum oxide), for Mil-C-39018. Original test data	1965
19720080605	Damping capacity of LEM altimeter antenna materials	1965
19720080642	Test and evaluation of connectors, subminiature, rectangular rack and panel and cable application for MIL-C-23353	1965
19720080672	Test and evaluation of capacitors, fixed, ceramic-dielectric, stand-off, for Mil-C-11015 C: Original test data	1965
19720080901	Quantitative reliability prediction	1965
19720081036	Titan 3 Standard Space Launch System (SSLS) Definition for Payload Contractors	1965
19720081162	Inequality constraints in the minimum time control problem	1965
19720081280	Orbital debris reentry hazards study	1965
19720081291	Program philosophy for an Apollo mission simulation, abridgement	1965
19730060759	Development of the para-sail parachute for application as an earth landing system for second generation spacecraft	1965
19730060760	Development of the para-sail parachute for application as an earth landing system for second generation spacecraft	1965
19730060764	Apollo ground support equipment maintenance handbook, PCM and interleaver test fixture model C14-592-501 (part no. N36-854425)	1965
19730060784	Preliminary Apollo mission simulator instruction handbook. Volume 2: Operation and utilization	1965
19730060787	Subsystem development plan, instrumentation	1965
19730060788	Ordnance subsystem development plan	1965
19730060789	Automated control subsystem development	1965
19730060790	Impact subsystem development plan	1965
19730060791	Command module heat shield ablator subsystem development plan	1965
19730061021	Lunar orbit rendezvous reference trajectory data package. Apollo error analysis. Volume 4A: Trajectory 4, CSM error analysis	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730061044	Apollo mission simulator instructor handbook. Volume 1: Description	1965
19730061058	Apollo Unified S-Band System Block 1 Compatability Test Program	1965
19730061108	Studies of thermionic materials for space power applications	1965
19730061115	Bonding of tungsten-uranium-dioxide composite to tungstein	1965
19730061132	Studies of thermionic materials for space power applications	1965
19730061298	Study of nuclear Brayton cycle power system	1965
19730061299	Study of reactor heat sources for nuclear Brayton cycle power systems	1965
19730061354	Stability and control characteristics of a flat-bottom lifting reentry configuration at Mach numbers of 2.29 to 4.63	1965
19730061358	Fabrication of thin tungsten-uranium dioxide composite plates	1965
19730061369	Static stability and control characteristics of a lifting-body entry vehicle at Mach numbers from 2.30 to 4.63	1965
19730061373	Preliminary investigation of extruding composite tungsten-uranium dioxide tubing	1965
19730061722	Gemini launch data system data book	1965
19730061726	Studies of thermionic materials for space power applications	1965
19730061751	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulators	1965
19730061754	Tungsten cladding of tungsten-uranium dioxide (W-UO ₂) composites by deposition from tungsten hexafluoride (NF ₆)	1965
19730061757	Determination of effects of metal oxide additions on the solubility of uranium UO ₂	1965
19730061774	The fabrication of tungsten-uranium dioxide composite cylinders by the tungsten cementation process	1965
19730061776	Tungsten-uranium dioxide cermet research and development activities	1965
19730061778	Research program for the development and evaluation of tungsten-uranium dioxide cermet fueled thermionic emitters	1965
19730061779	An analytical investigation of cermet fuel for nuclear thermionic reactors	1965
19730061780	Feasibility study for a radiation pyrometer	1965
19730062061	Progress of the X-15 research airplane program	1965
19730062077	Fabrication of tungsten-UO ₂ composites by a powder metallurgy process	1965
19730062078	Fabrication of tungsten-UO ₂ hexagonal-celled fuel-element configurations	1965
19730062079	Determination of Young's modulus for tungsten-uranium dioxide composites	1965
19730062082	Full length externally "fueled" thermionic converters	1965
19730062086	Navigator Study of Electric Propulsion for Unmanned Scientific Missions. Volume 2: Comparison of Nuclear Power Systems	1965
19730062095	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulators	1965
19730062100	Tungsten cladding of tungsten uranium dioxide (W-UO ₂) composites by deposition from tungsten hexafluoride (WF 6), task 1	1965
19730062101	Design and analysis of a thermionic reactor	1965
19730062102	Determination of effects of metal oxide additions on the solubility of uranium in UO ₂	1965
19730062103	Parametric study of large Rankine cycle nuclear space powerplants	1965
19730062105	Review of industry-proposed in-pile thermionic space reactors. Volume 2: Reactor physics summary	1965
19730062107	Preparation of high purity uranium oxide powders, part 1. Cladding and joining of tungsten cermets by plasma spraying, part 2. Tungsten coating of uranium dioxide particles, part 3	1965
19730062108	Joining of tungsten-uranium dioxide composites by diffusion bonding	1965
19730062111	Neutronic simulation of the tungsten water moderated nuclear rocket reactor	1965
19730062112	Control absorber and fuel element mockup experiment for the tungsten water moderated nuclear rocket reactor	1965
19730062130	Feed system analysis, tungsten water moderated reactor	1965
19730062131	Feasibility study of all-pneumatic neutron flux density measurement devices	1965
19730062132	Externally heated thermionic converter	1965
19730062136	Fabrication of tungsten-UO ₂ composites by a powder metallurgy process	1965
19730062138	Fabrication of tungsten-UO ₂ hexagonal-celled fuel element configurations	1965
19730062139	Tungsten cladding of tungsten-uranium dioxide composites by chloride vapor deposition	1965
19730062454	Apollo lunar science program report of planning teams. Part 1: Summary	1965
19730062470	Design of laboratory tests. Task 2: Feasibility of a chemical poison loop system	1965
19730062611	Preliminary design of a Pu-238 isotope Brayton cycle power system for MORL. Volume 3: Preliminary program plan	1965
19730062627	Preliminary design of a MW (e) Rankine-cycle nuclear space power plant	1965
19730062663	Nuclear rocket simulator tests: Effect of feedline and nozzle insulation and propellant feedline configuration on system parameters that affect bootstrap	1965
19730062664	Preliminary critical experiment for molybdenum, water moderated reactor	1965
19730062669	Fabrication of tungsten-UO ₂ composites by a powder metallurgy process	1965
19730062670	Fabrication of tungsten-uranium dioxide honeycomb structures, phase 2	1965
19730062671	Tungsten-uranium dioxide cermet research and development activities	1965
19730062678	Joining of tungsten-UO ₂ composites by diffusion bonding, phase 1	1965
19730062679	Design study of a high power in-pile nuclear thermionic space powerplant. Volume 2, Appendix 8: Materials	1965
19730062681	Fabrication of tungsten-UO ₂ hexagonal-celled fuel-element configurations	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730062788	Fabrication of tungsten-uranium dioxide honeycomb structures	1965
19730062797	Analysis of reference system. Task 1: Feasibility of a chemical poison loop system	1965
19730062799	Determination of Impurities in Tungsten-uranium Dioxide Mixtures	1965
19730062812	Joining of tungsten-uranium dioxide composites by gas tungsten-arc and electron beam brazing, phase 1	1965
19730062814	Nuclear rocket simulator tests flow initiation with turbine accelerated tank pressure 35 psia; runs 12, 14-17	1965
19730062925	A Theoretical and Experimental Investigation of Two Dimensional Effects on Unsteady Flow in a Partial Admission Turbine	1965
19730062955	Generation of long time creep data on refractory alloys at elevated temperatures	1965
19730062957	Generation of long time creep data on refractory alloys at elevated temperatures	1965
19730062958	Generation of long time creep data on refractory alloys at elevated temperatures	1965
19730062959	Generation of long time creep data on refractory alloys at elevated temperatures	1965
19730062970	Two stage potassium test turbine	1965
19730062973	Potassium corrosion test loop development	1965
19730063281	Nimbus 1 high resolution radiation data catalog and users' manual. Volume 1: Photofacsimile film strips	1965
19730063283	Nimbus 1 user's catalog: AVCS and APT	1965
19730063330	Cavitation bubble collapse in viscous, compressible liquids: Numerical analyses	1965
19730063533	Analysis of two high-temperature liquid metal pressure measuring systems	1965
19730063671	Determination of rocket trajectories from minimal CW tracking data	1965
19730063720	Mission oriented advanced nuclear system parameters study. Volume 1: Summary technical report	1965
19730063910	AS-206A preliminary abort and alternate mission studies	1965
19730064071	Saturn 5 launch vehicle digital computer and launch vehicle adapter test equipment. Volume 4: Launch vehicle data adapter manual exerciser (IBM Part No. 6942000)	1965
19730064185	Mission oriented advanced nuclear system parameters study. Volume 3: Parametric mission performance data	1965
19730064316	Laboratory maintenance instructions: Saturn 5 launch vehicle data adapter. Simplex models: NASA part no. 50M35011, PBM Part Nos. 6112050 and 6112070. Volume 1: General description and theory	1965
19730064317	Laboratory maintenance instructions. Saturn 5 launch vehicle data adapter. Simplex models: NASA part no. 50M35011, IBM Part nos. 6112050 and 6112070. Volume 2: Maintenance data	1965
19730064344	Laboratory maintenance instructions Saturn 5 launch vehicle digital computer and launch vehicle data adapter test equipment. Volume 2: Test stand (IBM part no. 6940100 and 6943000), temperature modulator (IBM part no. 6903900)	1965
19730064346	Laboratory maintenance instructions. Saturn 5 launch vehicle digital computer and launch vehicle data adapter test equipment. Volume 5: Programmable test controller (IBM part no. 6900900)	1965
19730064347	Saturn 1B/Centaur propulsion systems compatibility study	1965
19730064642	Fuel-retention properties of tungsten-uranium dioxide composites	1965
19730064690	Two stage potassium turbine presentation	1965
19730064854	Heat transfer program review	1965
19730065048	Closed-loop near optimum steering for a class of space missions	1965
19730065080	Analytical comparison of material temperatures for nuclear and electrically heated nuclear rocket reactor fuel elements	1965
19730065278	Review of NASA research programs on the lifting body class of entry vehicles	1965
19730065322	SNAP 4 COMPACT Reactor Program	1965
19730065476	Snap Systems Capabilities	1965
19730065688	Reactor and Materials Technology Department: Tungsten-uranium dioxide cermet research and development activities	1965
19730066485	Performance evaluation for off-nominal Apollo lunar parking orbits	1965
19730066527	Apollo, Command module primary guidance, navigation and control system. Student study guide	1965
19730066552	Computer assignment of ATC facilities	1965
19730066711	Magnetic hysteresis damping of satellite attitude motion, volume 2	1965
19730066874	Test and evaluation of capacitors, fixed, polymeric film dielectric (in non-metallic cases) for Mil-C-19978B: Original test data	1965
19730066972	Computer studies of abnormally operating circuits	1965
19730066974	Propulsion of deep submergence vehicles	1965
19730066977	Device intercoupling in integrated circuits: Its cause and prevention	1965
19730067049	Description and status of Saturn 1B	1965
19730067060	GOSS communications network data book. Volume 1, revision 2: Voice	1965
19730067061	GOSS communications network data book. Volume 2: Control facilities	1965
19730067062	GOSS communications network data book, Volume 3, Revision 1, change 2	1965
19730067149	Human engineering data for advanced ground support operations with nuclear space systems. Volume 2: Detail technical summary, book 1	1965
19730067276	Design process contribution to inherent failure mechanisms of microminiature electronic components for Minuteman 2	1965
19730067277	Single crystal silicon on beryllium oxide	1965
19730067278	Electronic data processing as a quality control tool	1965
19730067284	Status report on technique and study projects of D and PS to 28 February 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067528	GOSS communications network data book	1965
19730067537	A study program for a radioisotope power supply	1965
19730067597	Preliminary design of a Pu-238 isotope Brayton cycle power system for MORL. Volume 1: Technical summary	1965
19730067607	Tungsten-water moderated nuclear rocket program, volume 4, addendum 1	1965
19730067612	Fiscal year 1965 NASA technical program	1965
19730067682	The challenge of configuration management	1965
19730067758	Critical analysis of B-52 stability augmentation and flight control systems for improved structural life (analysis and synthesis of advanced stability augmentation systems), part 1, volume 4	1965
19730067917	Program cost estimate for SNAP-50, fiscal years 1965-1967 (U)	1965
19730067979	Preliminary design of a Pu-238 isotope Brayton cycle power system for MORL. Volume 2: Model specification	1965
19730067981	Nuclear analysis in support of the Phoebus-2 nozzle development program, volume 2	1965
19730067994	Preliminary design of a Pu-238 isotope Brayton cycle power system for MORL. Volume 4: Technical appendix. Book 1: Nuclear system	1965
19730068021	Radioisotope thermionic power sources	1965
19730068023	Milestone summary	1965
19730068025	Radioisotope dynamic electrical power system study for Manned Mars/Venus missions, volume 2	1965
19730068038	Mission oriented advanced nuclear system parameters study	1965
19730068046	Milestone summary	1965
19730068174	Report of study of environmental transmission path simulation	1965
19730068239	Balloon borne communication system evaluation tests in Vietnam	1965
19730068290	Minuteman thermal measurement systems	1965
19730068596	Study to evaluate data acquisition methods for projectile, XM477	1965
19730068597	Preproduction test of power supply, PP-2352/UR (Munson Road and 1000-mile endurance)	1965
19730068598	Feasibility study of infrared tracker for M33 track radar	1965
19730068600	Renovation test of AV-1790-7 and AVDS-1970-2A engines with 0.020-inch chrome-plated crankshafts	1965
19730068823	Nonlinear circuit modeling	1965
19730069137	Radioisotope dynamic electrical power system study for manned Mars/Venus missions, volume 1	1965
19730069219	Surface experiment package power supply study program mid-term status	1965
19730069292	Scanning techniques with light beams	1965
19730069302	Structural response of reentry vehicles to boundary layer noise	1965
19730069339	Error sources in azimuth determination	1965
19730069613	Hughes AIM-4D aerodynamic data (U)	1965
19730069941	Report on a 260-inch diameter cryogenic propellant third stage for the Saturn 1 B	1965
19730070011	Advanced refractory alloy corrosion loop program	1965
19730070026	AEC-NASA Liquid Metals Information Meeting (U)	1965
19730070027	Mass transfer in refractory metal-conventional alloy systems	1965
19730070028	A comparison of the use of lithium and sodium as reactor coolants for space power systems (U)	1965
19730070029	Corrosion studies of refractory metals in lithium (U)	1965
19730070030	Corrosion and mass transfer in simulated MCR systems	1965
19730070031	MCR corrosion and mass transfer experiments	1965
19730070146	Physics of failure in electronics (4th Annual Symposium papers)	1965
19730070401	Codiplex: An anti-multipath coding technique	1965
19730070968	General end item test plan for ACE-S/C ground stations. Appendix 1: MILA 3	1965
19730070991	Launch vehicle component costs study, phase 2	1965
19730071135	The far infrared camera and its test applications	1965
19730071170	Research test of climatic chambers, refrigeration and aeration by liquid air	1965
19730071262	Orientation relationships in the heteroepitaxial tungsten on sapphire system	1965
19730071507	Waste management program	1965
19730071871	Human factors standards for the Apollo program. Phase A: Categories and references	1965
19730072144	Optimum reset of ship's inertial navigation system	1965
19730072537	Lunar landing missions abort analyses	1965
19730072720	Reliability of integrated circuit for Minuteman	1965
19730073345	CSM technical specification (Block 1)	1965
19730073356	Two-stage potassium test turbine	1965
19730073403	The variance of the number of zeros of stationary normal processes	1965
19730073416	LVDC equation defining document for the AS-204 flight/program	1965
19730073591	GT-4 mission directive	1965
19730073827	GT-3 mission directive	1965
19730074276	Some properties of ground level pollution patterns based upon a fluctuating plume model	1965
19730074280	Pre-flight actual weight and balance report: Boilerplate 23A. LES and C/M for pad abort	1965
19730074292	Two-stage potassium test turbine	1965
19730074294	Some recent results from the 100 kW high-temperature boiling project	1965
19730074295	Two-stage potassium test turbine	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074546	Actual weight and balance report. Boilerplate command module no. 29: Command module flotation test vehicle	1965
19730074599	Unified S-band communication and ranging performance study	1965
19730074816	Modern reliability technology for electronic components	1965
19730074845	Research test of compatibility of fuels, lubricants, and engines (OA-331 engine with code CCL-0-5, OE-30 oil)	1965
19730075229	Meteorological ballistics	1965
19730075873	Properties of the most probable ground level concentration from an elevated source	1965
19730076704	Heliborne illumination system	1965
19730077134	High performance nozzles for solid propellant rocket motors	1965
19730078125	Transportation of cargo by rockets	1965
19740072137	Fabrication of tungsten-uranium dioxide honeycomb fuel element structures	1965
19740072171	Heat transfer studies of solid rocket igniters	1965
19740072246	Tungsten-uranium dioxide materials for NASA. Part 1: Preparation of high purity uranium oxide powders. Part 2: Cladding and joining of tungsten cermets by plasma spraying. Part 3: Tungsten coating of uranium dioxide particles	1965
19740072267	Spacecraft propulsion systems for manned Mars and Venus missions	1965
19740072276	Submicron dispersion of UO ₂ in tungsten	1965
19740072294	Extrusion of tungsten-UO ₂ honeycomb structures	1965
19740072306	Development and Evaluation of a 1000 C Yttrium Hydride Neutron Moderator	1965
19740072766	Flight data report for Apollo mission PA-2 (BP-23A)	1965
19740072790	Landing dynamics test of a 1/3-scale para-sail/landing-rocket model	1965
19740072803	An evaluation of the chemical problems associated with the aqueous systems in the tungsten water moderated reactor, addenda 1 and 2	1965
19740072950	Apollo trajectory documentation plan	1965
19740073149	Determination of the emissivity of materials	1965
19740073161	Assembly/sterilizer facility feasibility program	1965
19740073383	Digest of the Proceedings of the Colloquium on Satellite Broadcasting	1965
19740073534	Porous tungsten ionizer development and testing	1965
19740073626	LEM landing radar. First design review data package, volume 3	1965
19740073730	NERVA nuclear subsystem	1965
19740073775	A 260-in.-dia. motor feasibility demonstration program. Static test firing of motor 120-SS-1	1965
19740073819	The 260-in.-DIA motor feasibility demonstration program. Static test firing of Motor 260-SL-1	1965
19740074123	Techniques for Massive Hydriding	1965
19740074428	Weight, performance, and clustering for optimization of coordinated advanced nuclear engines	1965
19740074435	Nerva nuclear subsystem	1965
19740074748	ICPP Laboratory Studies on a Combustion-Nitric Acid Leach Process for Rover Fuel	1965
19740074787	SNAP 11 Surveyor program	1965
19740074806	Fabrication of tungsten-UO ₂ honeycomb stages	1965
19740074812	NERVEX, a two dimensional prompt excursion analysis program	1965
19740075315	A tungsten water moderated nuclear rocket reactor critical experiment with 37 fuel elements	1965
19740075911	A tungsten water moderated nuclear rocket reactor critical experiment with 37 fuel elements, addendum no. 1	1965
19740075940	NERVA 2 reactor conceptual design report	1965
19740076017	Safety analysis report evaluation of passive re-entry approach	1965
19740076116	Effect of nozzle pressure level and scale on performance of solid-propellant rocket motors	1965
19740076395	Space programs summary no. 37-34, volume 5 for the period 1 June - 31 July 1965. Supporting research and advanced development	1965
19740076406	Multisensor imagery collection	1965
19740076691	Shades of OGO-B (S-49A)	1965
19740077266	Human and material resources of McCurtain county. A profile for growth and development	1965
19740077455	Human and material resources of Bryan County: A profile for growth and development	1965
19740077456	Human and material resources of Carter County: A profile for growth and development	1965
19740077457	Human and material resources of Choctaw County: A profile for growth and development	1965
19740077458	Human and material resources of LeFlore County: A profile for growth and development	1965
19740077459	Human and material resources of Johnston County: A profile for growth and development	1965
19740077460	Human and material resources of Latimer County: A profile for growth and development	1965
19740077461	Human and material resources of Sequoyah County: A profile for growth and development	1965
19740077462	Human and material resources in Coal County: A profile for growth and development	1965
19740077463	Human and material resources of McIntosh County: A profile for growth and development	1965
19740077464	Human and material resources of Marshall County: A profile for growth and development	1965
19740077527	Semiannual status report, 1 April - 30 September 1965	1965
19740077831	Subsystem checkout procedures for APT/TOS flight models ft-3 and ft-4, using wide angle collimator	1965
19740077898	Response of higher plants to high-intensity light	1965
19740078329	OT-3 meteorological satellite: Flight evaluation test plan	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740078565	Multivator design studies	1965
19740078574	Tiros 7 radiation data catalog and users' manual. Volume 3: 1 March - 30 September 1964	1965
19740078576	Consolidated quarterly progress report, period ending 30 April 1965	1965
19740078577	First annual report	1965
19740078893	Lunar ephemeris and selenographic coordinates of the earth and sun for 1968	1965
19740078909	A computer program for calculating model planetary atmospheres	1965
19740078913	Tests of sealing methods	1965
19740078943	Tiros 9 meteorological satellite system, volume 1	1965
19740078987	Aracon gridding program for the Tiros wheel	1965
19740078989	Time and error comparisons of manual and on-board APT gridding (supplement to phase 1)	1965
19740078990	Application of the apt tape recorder to on-board gridding (supplement to phase 1)	1965
19740078991	Manual photogrammetric attitude determination	1965
19740078994	Research the utilization of pattern recognition techniques to identify and classify objects in video data	1965
19740079006	TIROS video data compression study	1965
19740079015	Aracon photogrammetric attitude system hardware description and maintenance manual	1965
19740079016	Tiros wheel photogrammetric attitude operators manual	1965
19740079081	User guide for HRIR modifications to the APTS ground stations	1965
19740079090	Lunar ephemeris and selenographic coordinates of the earth and sun for 1969	1965
19740079151	Catalogue of Meteorological Satellite Data: TIROS 7 Television Cloud Photography, Part 2	1965
19740079427	A special purpose reflectometer	1965
19740079449	Manual gridding of DRIR facsimile pictures	1965
19740079888	Approaches to on-board gridding of APT pictures	1965
19740079916	Reporting plan for Apollo mission A-004 (SC-002)	1965
19740079932	Gemini 5 report preparation and activities plan and data requirements and priorities	1965
19740080797	Simulation of a counterflow heat exchanger on a hybrid computer	1965
19740081152	Preliminary alternate mission and abort studies for Apollo Missions AD-204A/5	1965
19740081277	Revised submissions from potential experimenters manned lunar orbital missions, volume 1A	1965
19740081285	Detailed test objectives for Delta launch vehicle, spacecraft: AE-B	1965
19740081286	Improved Delta Pioneer A mission orbit error analysis	1965
19740081287	Improved delta range safety land impact probability study for the GEOS A spacecraft mission	1965
19740081717	Improved Delta range safety land impact probability study for the Pioneer A spacecraft mission	1965
19740081718	Detailed test objectives for delta launch vehicle spacecraft: GEOS-A	1965
19740081720	Detailed test objectives for improved delta launch vehicle spacecraft: TIROS OT-2	1965
19740081799	Development of improved towcable fittings for T Mark 6 torpedo countermeasures system	1965
19740081805	Analysis of an intercept system, appendices	1965
19740081806	Analysis of an intercept system	1965
19740082427	ALSS payloads preliminary design study: Slide material summary presentation	1965
19740083278	Detailed test objectives for improved delta launch vehicle spacecraft: Pioneer-A	1965
19740083279	Improved delta range safety land impact probability study for the TIROS OT-2 spacecraft mission Model No. DSV-3E	1965
19740083309	Space Power Program Review for Office of Advanced Research and Technology	1965
19740083314	NERVA nuclear subsystem	1965
19740083316	Data analysis report of NRX-A2 tests. Volume 2: Supplement	1965
19740084143	Hydrodynamic Journal Bearing Program (A Proposal)	1965
19740084166	The effect of the geometry of the injection region on wall cooling processes	1965
19740084684	Mission Oriented Advanced Nuclear System Parameters Study. Volume 4: Detailed Technical Report Nuclear Rocket Engine Analysis	1965
19740084685	NERVA nuclear subsystem	1965
19740084840	Radar-reflectivity measurements of the fresco aircraft by optical-simulation techniques (U)	1965
19740085091	Probability of S-4B/IU lunar impact due to guidance errors at translunar injection as a function of deviations from nominal injection velocity	1965
19740085366	Optics, discrimination, and NIKE-10	1965
19740085538	Astrometric and special measurements of the reentry of Trailblazer 2G	1965
19740085854	The MSC Gemini radiation experiments	1965
19740085881	Determination of cascade performance with particular reference to the prediction of the boundary layer parameters	1965
19740086660	Hydrogen safety	1965
19740086707	Tiros K system concept presentation	1965
19740086708	Design study of the rectification and gridding mosaic processor	1965
19740086715	Design concept report for the Tiros spacecraft K system, volume 1	1965
19740086716	Design concept report for the Tiros spacecraft K system, volume 2	1965
19740086717	Design concept report for the Tiros spacecraft K system, volume 3	1965
19740087234	Investigation of gaseous nuclear rocket technology	1965
19740087588	The effect of the geometry of the injection region on wall cooling processes	1965
19740087789	Engineer design test on air conditioner (Mohawk)	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087911	Product assurance program management guide	1965
19740088123	Synchronous meteorological satellite for TOS	1965
19750063876	AS-202 Preliminary Alternate Mission and Abort Report	1965
19750063879	GT-3 data requirements and priorities	1965
19750063881	Preflight training plan for fourth manned Gemini flight crew (GTA-6)	1965
19750063882	Experiments for GT-4 mission	1965
19750063890	Lunar ephemeris and selenographic coordinates of the earth and sun for 1966	1965
19750064217	Program Apollo flight mission directive Apollo Mission A-004 (CSM-002)	1965
19750064220	Program Apollo flight mission directive Apollo Saturn-202 (CSM 011)	1965
19750064226	Another method of solving Lambert's problem	1965
19750064237	Program Apollo flight mission directive Apollo Mission PA-2 (BP-23A)	1965
19750064238	Gemini 2: GT-2 mission pyrotechnic anomaly, supplemental report 8	1965
19750064245	Unified S-band telecommunication techniques for Apollo. Volume 2: Mathematical models and analysis	1965
19750064253	Cislunar space	1965
19750064254	Reporting plan for Apollo mission PA-2 (BP-23A)	1965
19750064261	Gemini program mission evaluation and reporting plan	1965
19750064262	Gemini 6 report preparation and activities plan and data requirements and priorities	1965
19750064264	Mission planning plan for the fourth manned Gemini flight crew Gemini 7	1965
19750064270	Program Apollo flight mission directive for mission A-201 (CSM 009)	1965
19750064275	Mission training plan for third manned Gemini flight crew	1965
19750064277	Reporting plan for Apollo mission A-003	1965
19750064278	The Gemini program configuration management system	1965
19750064280	Theoretical and experimental studies of zero-G heat transfer modes	1965
19750064281	Theoretical and experimental studies of zero-G heat transfer modes	1965
19750064417	OART program supporting research projects, part 1	1965
19750064460	Pre-launch documentation for the TIROS 10 meteorological satellite system	1965
19750064568	The (MMC)-S-IV/Apollo separation and venting study for SA-9 vehicle	1965
19750064587	Program Apollo test directive spacecraft 001	1965
19750064591	Flight data report for Apollo mission A-003 (BP-22)	1965
19750064595	Apollo measurements requirements, Apollo mission PA-2 boilerplate 23A	1965
19750064596	Lunar ephemeris and selenographic coordinates of the earth and sun for 1967	1965
19750064599	Report preparation and activities plan for GT-3 mission, appendix C	1965
19750064602	A compilation and discussion of data pertaining to the thermal influence of the moon on a space vehicle	1965
19750064604	Apollo measurement requirements: Apollo Mission PA-2, Boilerplate 23A	1965
19750064608	Preflight orbital and reentry trajectory data for Gemini 6	1965
19750064611	Preliminary analysis of a photovoltaic/battery power system for the direct television broadcast experiment	1965
19750064612	Gemini 4 report preparation and activities plan and data requirements and priorities	1965
19750065460	Theoretical and experimental studies of zero-G heat transfer modes	1965
19750065471	Proceedings of the Conference on Propellant Tank Pressurization and Stratification, volume 2	1965
19750065475	Experimental investigation of the effects of baffles on natural convection flow and on stratification	1965
19750065605	Feasibility study to explore the explosive effects of liquid propellants to define the mathematical behavior of physical processes involved, phase 1	1965
19750065834	Hybrid computer generation of footprints for Gemini launch aborts using the ejection mode	1965
19750065842	Apollo reentry guidance and navigation equations and flow logic	1965
19750065861	Theoretical and experimental studies of zero-G heat transfer modes	1965
19750066547	Measuring economic growth and development in the six-state region of Arkansas, Iowa, Kansas, Missouri, Nebraska, Oklahoma	1965
19750066601	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulators	1965
19750066605	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulator	1965
19750066886	Lunar ephemeris and selenographic coordinates of the earth and sun for 1970	1965
19750066894	Some interesting functions	1965
19750066913	Development of an orbital receiver for low frequency radio energy from the planet Jupiter	1965
19750066914	Vibrational fundamentals of CF ₂ N ₂ from the ultraviolet absorption spectrum	1965
19750066922	Phonon-electron spin interactions in paramagnetic salts	1965
19750066924	On the Cousin problems	1965
19750066926	Weak Levi conditions in several complex variables	1965
19750067564	Summary report of vibration testing performed on the TIROS 1 spacecraft	1965
19750067642	Gemini program mission report, Gemini 5	1965
19750067648	A chondrule in the chainpur meteorite	1965
19750067649	Instruction and operating handbook Tiros 9 and OT-3 meteorological satellite system	1965
19750067658	TOS camera circuit radiation damage analysis	1965
19750067668	Handling plan for Tiros OT-1 meteorological satellite	1965
19750067675	X-258 S/N RH-84 motor flight performance Delta 32/OT-1	1965
19750067680	Delta-28 TIROS-1 operations summary launch vehicle 374/20107/RH-79	1965
19750067681	Delta-28 flash flight report Tiros-1	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750067683	TIROS-OT-1 spacecraft handling plan	1965
19750067684	TIROS-1 spacecraft handling plan	1965
19750067685	Tiros OT-3 spacecraft handling plan	1965
19750067687	TIROS 9 early orbit and attitude determination, launch day report	1965
19750067689	TIROS 7 attitude summary (orbits 1-4000), volume 1	1965
19750067695	Mechanical properties of crosslinked poly (methyl methacrylate) polymers under space environmental conditions	1965
19750067699	Operational procedures for power supply monitoring for the TIRSO 9 meteorological satellite system	1965
19750067731	Operational procedures for telemetry data processing for the TIROS 9 and OT-3 meteorological satellite system	1965
19750067739	A study of bonding between glass and plastic in glass-reinforced plastics: Phase 2	1965
19750067743	Radiolytic stress relaxation of an ethylene-propylene copolymer	1965
19750067747	Stress relaxation of gamma-irradiated fluorocarbon elastomers	1965
19750067840	Long wavelength monitoring of planetary emission, Jovian signal origin, and measurement of Jovian 430 MC/sec flux	1965
19750067872	TIROS 8 attitude summary (orbits 1 - 4000), volume 1	1965
19750067873	TIROS 8 attitude summary (orbits 4000 - 8938), volume 2	1965
19750067874	TIROS 7 attitude summary (orbits 8000 - 11850), volume 3	1965
19750067881	Tiros 7 attitude summary (orbits 4000 - 8000), volume 2	1965
19750068342	Apollo extension systems - lunar excursion module. Volume 2, phase B: Preliminary definition studies summary	1965
19750068343	Apollo extension systems - lunar excursion module. Volume 26, phase B: Management plan	1965
19750068344	Preliminary definition phase Apollo extension system	1965
19750068345	Apollo extension systems - lunar excursion module. Volume 6, phase B: Taxi design analysis summary	1965
19750068370	A chondrule in the Chainpur meteorite	1965
19750068371	Assembly and brazing of NERVA U-tube nozzles	1965
19750068373	The prairie meteorite network	1965
19750068721	Lorentz transformations of thermodynamic quantities	1965
19750069069	Gemini/Agena target vehicle 5002 systems test evaluation (45 day report)	1965
19750069074	Alternate Apollo Mission Descriptions. Volume 2: Detailed Technical Report, Book 2	1965
19750069076	Sterilized solid-propellant rocket motors for Mars landing missions	1965
19750069077	Supporting research and advanced development, volume 5	1965
19750069079	The lunar program, volume 1	1965
19750069080	Extended Apollo systems utilization study, addendum 1. Volume 5: Development planning	1965
19750069212	Remarks on nonlinear parabolic equations	1965
19750069219	Apollo spacecraft propulsion performance capabilities for Saturn 5 lunar missions and simulations	1965
19750069222	Apollo extension systems: Lunar excursion module. Volume 10: Shelter master end item specification	1965
19750069224	Gemini reentry communications experiment	1965
19750069225	Apollo extension systems; lunar excursion module, phase B. Volume 11: Taxi master end item specification	1965
19750069230	Gemini Program Mission Report GT-2, Gemini 2	1965
19750069231	AES flight mission assignment plan. Part 7: Scheduling constraints and alternative schedules, case 218	1965
19750069244	AES flight mission assignment plan, Part 3: Extended CSM spacecraft	1965
19750069253	AES flight mission assignment plan. Part 1: Summary	1965
19750069254	Lunar orbiter mission planning. Appendix 2: Apollo site survey requirements	1965
19750069324	Conceptual study of a micrometeoroid deep space satellite, volume 3A, appendixes to volume 3, chapter 1	1965
19750069366	Gemini program mission report GT-3: Gemini 3	1965
19750069374	Launch vehicle no. 5 flight evaluation	1965
19750069383	Alternate apollo mission descriptions. Volume 1: Summary	1965
19750069384	Effects of water droplets on re-entry plasma sheaths	1965
19750069405	Apollo extension systems for continuous earth orbital missions, case 218	1965
19750069406	Apollo extension systems: Lunar excursion module. Volume 5: Shelter design analysis summary	1965
19750069407	Space programs summary no. 37-32. Volume 5: Supporting research and advanced development	1965
19750069408	Apollo extension systems; lunar excursion module, phase B. Volume 8, phase 1: Laboratory master end item specification	1965
19750069416	Apollo extension systems trajectory and orbital studies	1965
19750069418	Apollo extension systems; lunar excursion module, phase B. Volume 9, phase 2: Laboratory master end item specification	1965
19750069419	Computation of earth orbital lifetime for Saturn IB missions, case 130	1965
19750069422	Depletion of free electrons by water injection into the flow fields of hypersonic vehicles	1965
19750069423	AES flight mission assignment plan. Part 4: LEM derivatives	1965
19750069424	AES flight mission assignment plan. Part 8: Launch facilities and equipment	1965
19750069568	Apollo extension systems - lunar excursion module. Volume 3: Phase 1 laboratory design analysis summary	1965
19750069824	Apollo extension systems; lunar excursion module, phase B. Volume 7: Truck design analysis summary	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750069847	Space programs summary no. 37-32, volume 2 for the period 1 January 1965 to 28 February 1965: The planetary, interplanetary program	1965
19750069872	LEM powered ascent error analysis study	1965
19750069888	The Horse Creek, Baca County, Colorado, iron meteorite	1965
19750069929	Static physics of rover reactors	1965
19750070096	Apollo guidance and navigation notes, volume 9	1965
19750070188	CFDTS pre-test predictions, volume 2	1965
19750070189	Pressure vessel-nozzle-seal assembly confirmation test 1070N	1965
19750070202	Phoebus-2 nozzle reliability program plan	1965
19750070440	Correlation of the longitudes of the Galilean satellites with Jupiter's decametric radiation	1965
19750070484	Lower thrust structure S/N 0000001 static structural test evaluation report	1965
19750070812	Radio frequency evaluation of SA-7 vehicle	1965
19750070830	Hardware and guidance scheme error analysis for SA-201 evaluated at S-IVB cutoff	1965
19750070929	Apollo guidance and navigation notes, volume 8	1965
19750070930	Apollo guidance and navigation notes, volume 10	1965
19750070931	Apollo guidance and navigation notes, volume 11	1965
19750070989	CRDTS pre-test predictions, volume 1	1965
19750071384	From here, where? A space mathematics supplement for secondary levels	1965
19750071429	Nomogram for bandwidth required of TV camera systems for best signal-to-noise ratio	1965
19750071445	Minimum moment required to bind a charged particle to an extended dipole	1965
19750071448	A note concerning simultaneous integral equations	1965
19750071491	Hypersonic research engine project. Phase 2A: Ground support equipment development, data item no. 55-10.04	1965
19750071517	Test pad and test cell activation survey data NRX-A3	1965
19750071526	NRX/EST test series support operational requirements document	1965
19750071546	Project NERVA: Reactor analysis test request	1965
19750071549	Shielding Integrity Check (SIC) tests for the E-mad facility, phase 3 and phase 3 addendum	1965
19750071551	Shielding Integrity Check (SIC) tests for the E-mad facility, phase 1	1965
19750071576	NERVA Mark 3 Mod 4 pump effect of backvane flow on pump efficiency	1965
19750071577	NERVA health and safety manual	1965
19750071941	NASA agenda D mission capabilities and restraints catalog, volume 1	1965
19750072474	Functional checksystem of the third stage	1965
19750072483	Propellant feeding for the third stage of ELDO a launcher vehicle	1965
19750072486	ELDO space vehicle launcher RZ.2 mark 5 engines: Preliminary proposal for throttled engines suitable for a two stage launch vehicle	1965
19750072487	ELDO B space vehicle launcher: Preliminary proposals for developments of RZ.2 engine providing throttling and/or increased thrust	1965
19750072492	Preliminary considerations on a boost engine for the ELDO 'C' satellite launching vehicle	1965
19750072897	Engineering test on laser rangefinder XM23 and AN/GVS-1 (XE6)	1965
19750073042	Research and investigation on satellite attitude control. Part 2: Investigation of space vehicle attitude control techniques	1965
19750073279	Safety report for the flexible critical experiment, supplement 1	1965
19750073286	Gemini 7 in-flight medical experiments	1965
19750073299	AS-204A spacecraft 012 reference trajectory, volume 3	1965
19750073300	Optimization ability of the double and single precision program	1965
19750073509	Improved performance of W-based UO2 fuel materials	1965
19750073863	Bibliographies of interest to the atomic energy program	1965
19750073952	Directory of station locations for use in Gemini and Apollo planning studies	1965
19750074088	A preliminary rocket-sled test program for Army interceptor models exposed to high-explosive blasts (U)	1965
19750074594	Analyzing the free oscillations of a reentry body presenting a limit cycle	1965
19750074882	Investigation of gaseous nuclear rocket technology: Classified programs	1965
19750075038	Delta-36 TIROS OT-3 operations summary	1965
19750075040	Miss distance analysis: Tيروس (OT-3)	1965
19750076842	Operation and maintenance manual for a tone and tone-digital command processor	1965
19750076843	Atmospheric diffusion control of FLOX and HF	1965
19750076850	Research and exploratory development for the Office of Aeronautical Research, National Aeronautics and Space Administration	1965
19750076852	The OAO in association with a manned space station. Volume 2: Technical studies, addendum, section 6	1965
19750076854	Research on ultra-high impulse propellant systems	1965
19750076856	Research in high-energy oxidizers	1965
19750076857	Research on high energy oxidizers for advanced solid rocket propellents	1965
19750076859	Advanced propellant staged combustion feasibility program	1965
19750076860	Staff/Bit program progress report for September 1965	1965
19750076861	Preliminary report on Trailblaze 2h	1965
19750076865	An infrared study program	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076870	Quarterly project progress report, July, August, September 1965	1965
19750076871	Contact and self destruct fuze system for the sidewinder 1C (MK 29)	1965
19750076872	An open ocean V/STOL seaplane for the ASE mission	1965
19750076873	Wake characteristics determined from an onboard, scanning infrared radiometer	1965
19750076874	Re-entry data report, AFWTR no. 8338 Rebel Ranger, Minuteman missile 2001, 18 August 1965	1965
19750076875	Radar cross section measurements of the Mark 6 re-entry vehicle model 4A serial no. 302A (VIP)	1965
19750076877	Investigation of liquid metal hydrides	1965
19750076881	The Quality Surveillance Division annual report for 1965	1965
19750076888	Centaur	1965
19750076890	Low altitude observation system feasibility study, volume 1	1965
19750076892	Physico-chemical characterization of high-energy storable propellants	1965
19750076893	Advanced reentry programs. Volume 3: Summary	1965
19750076894	Reinforced propellants for naval applications	1965
19750076895	Trailblazer 2I Data Report	1965
19750076896	Design study of a guidance seeker operating in the infrared spectrum	1965
19750076897	ADAR technical summary report	1965
19750076898	Solid propellant additives research	1965
19750076903	Design study of an engine system for upper stages of uprated Saturn	1965
19750076905	Highlights of design and engineering. Volume 2, No. 2: Recent accomplishments in the field of liquid rocket engine design and engineering	1965
19750076907	Redglare communication probe, launching of three payloads by Sparoair missiles demonstrates the feasibility of communication payload systems	1965
19750076908	Preliminary analysis of the thermal response of the bigeye chemical bomb	1965
19750076909	Research on ultra-high impulse propellant systems	1965
19750076910	Solid propellant additives research	1965
19750076911	Desensitization of available high energy NF compounds	1965
19750076912	Infrared camera tube development	1965
19750076914	Inorganic halogen oxidizers	1965
19750076915	The 1964 advanced ramjet concepts program. Volume 6: Application of pure fluid controls to ramjets	1965
19750076916	Development and test of high energy solid propellants	1965
19750076917	Apollo spacecraft program	1965
19750077119	An empirical method for propellant evaluation	1965
19750077268	Ignition studies	1965
19750077271	Phoebus-2 nozzle design program preliminary design program preliminary design phase, summary report, Volume 1	1965
19750077276	Gemini GT-2: Inertial guidance system evaluation trajectory reconstruction	1965
19750077277	Design study of an engine system for upper stages of uprated Saturn	1965
19750077279	Modification and testing of an Atlas oxidizer boiloff valve for a flox Atlas vehicle	1965
19750077280	Modification and testing of an Atlas oxidizer boiloff valve for a FLOX Atlas vehicle	1965
19750077283	Postflight evaluation of Atlas-Centaur AC-5, launched 2 March 1965	1965
19750077284	Analysis of plasma-sheath electron density measurements at entry velocities	1965
19750077285	Feasibility study of the use of Little Joe 2 as a launch vehicle for boosting maneuverable reentry vehicles to hypersonic test velocities	1965
19750077286	High modulus, high strength filaments and composites	1965
19750077287	An open-ocean V/STOL seaplane for the ASW mission with emphasis on tracking and surveillance	1965
19750077288	Physico-chemical characterization of high-energy storable propellants	1965
19750077289	Saturn-1B test mission for LEM alone on SA-206	1965
19750077290	Pad propellants for use at high temperatures. Part 1: Literature survey and screening of propellants by autoignition tests	1965
19750077291	A study of composite propulsion systems for advanced launch vehicle applications	1965
19750077292	Preparation of high density light metal hydride-2	1965
19750077293	Range resolved Doppler frequency measurements of the re-entry of Trailblazer 2g	1965
19750077294	Research in high energy oxidizers	1965
19750077296	Technical review, GLV-5 at SSD/Aerospace Corporation	1965
19750077300	Reentry data report AFWTR 7611, 4 August 1965	1965
19750077301	Contractor's structural and aerodynamic (performance) demonstrations of the EA-6A airplane	1965
19750077303	Dual-drone study for integrated guidance and control system, MQM-58A	1965
19750077306	Astrometric and spectral measurements of the reentry of Trailblazer 2g	1965
19750077307	Research on ultra-high impulse propellant systems	1965
19750077311	A parametric burning-rate study of the polystyrene-oxygen hybrid system	1965
19750077313	Non-equilibrium laminar boundary layer calculations for the Mark 6 vehicle	1965
19750077314	Flight evaluation report, vehicle 125D	1965
19750077317	Low altitude observation system feasibility study, volume 2	1965
19750077320	Testing of advanced high-energy solid propellants	1965
19750077321	High chamber pressure staged combustion research program	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077322	Measurements of ultraviolet emission from rocket exhaust plumes with in situ determined atmospheric corrections	1965
19750077325	ASSET ASV-1, Volume 3	1965
19750077326	Atlas/Centaur flight evaluation report, vehicle AC-4	1965
19750077330	Timing equipment for a radar exciter	1965
19750077333	High energy oxidizer stabilization studies	1965
19750077339	Results of finite difference wake calculations for the Lockheed PX-2 configuration	1965
19750077340	High energy oxidizer stabilization studies	1965
19750077341	Saturn IB/Apollo payload capability; case 130	1965
19750077342	Engineering properties of rocket propellants	1965
19750077343	Saturn IB test mission for LEM alone on Saturn-Apollo 206; case 217	1965
19750077344	The 1964 advanced Ramjet concepts program. Volume 2: Propulsion system effectiveness investigations	1965
19750077345	Lunar orbit rendezvous reference trajectory data package. Volume 3B: Printout keys and reference trajectory no. 3 listing (earth launch to LEM final descent), issue 4	1965
19750077347	Low observable reentry vehicle program flight evaluation report LORV L-7	1965
19750077349	LEM descent engine, case 330	1965
19750077352	Analytical and experimental investigation of a scramjet inlet of quadriform shape	1965
19750077353	Reentry environment and systems technology (REST). Volume 1: Summary	1965
19750077354	Research and development on fluorine based oxidizers	1965
19750077356	Inhibited N2O4	1965
19750077357	Liquid propellant research evaluation	1965
19750077359	Research and development of a gimbaled electrostatic inertial navigator	1965
19750077360	Apollo spacecraft program	1965
19750077362	Drop zone locator	1965
19750077365	Research and development on fluorine based oxidizers	1965
19750077369	Foundational research, part 2	1965
19750078600	Status report of USGS/NASA earth orbiter natural resource program	1965
19750080045	The 1964 advanced ramjet concepts program. Volume 1: Advanced jet compression engine concepts	1965
19760065198	Correction to electron attachment rate measurements in the lower ionosphere	1965
19760065204	NASA project Gemini long range and modified configurations	1965
19760065844	Alternate Apollo mission descriptions. Volume 2: Detailed technical report, book 1	1965
19760065856	Propagation of correlations in a Boltzmann gas	1965
19760065857	The band spectrum of carbon monoxide	1965
19760065858	Variation in the photochemical reactivity of thymine in the DNA of B. Subtilis spores, vegetative cells and spores germinated in chloramphenicol	1965
19760065859	Radio echo studies of the moon at 23 cm wavelength	1965
19760065860	Multirate sampling, generalized alias, and signal rectification as a source of DC offset errors in magnetometer experiments	1965
19760065861	Spacecraft radar as a means for studying the Antarctic	1965
19760065864	Diffraction of a divergent beam	1965
19760065865	An extremal problem in Banach space with applications to discrete and continuous time optimal control	1965
19760065868	The problem of ultra-high vacuum measurements	1965
19760065870	Hamilton's equations of geometric optics	1965
19760065871	Results from low-energy intranuclear-cascade calculation	1965
19760065874	The cesium thermionic converter interelectrode electron density distribution as determined by radiation transport	1965
19760065883	Lifting-body research vehicles in a low-speed flight test program	1965
19760065886	Summary of the NASA 1965 airborne solar eclipse expedition	1965
19760065912	The annealing of liquid nitrogen temperature plastic deformation and radiation damage in lead	1965
19760065916	Effect of hypoxia on myocardium in heart-lung preparation	1965
19760065919	Apollo extension systems: Lunar excursion module, phase B. Volume 4: Phase 2 laboratory design analysis summary	1965
19760065921	Apollo extension systems: Lunar excursion module, phase B. Volume 16: Prelaunch and mission operations	1965
19760065934	Space programs summary no. 37-32, volume 1, for the period 1 January - 28 February 1965	1965
19760065937	Apollo range safety service module and LEM adapter breakup	1965
19760065961	Reactivity meter	1965
19760066194	Failure analysis report, S/N 2h nozzle	1965
19760066537	Enhanced evaporation and the solar wind	1965
19760066538	On the tracking of a function by a linear system	1965
19760066540	The measurement of antenna boresight characteristics by radiometric techniques	1965
19760066784	Background briefing on applications technology satellite	1965
19760067001	Lunar site accessibility for LEM taxi	1965
19760067041	NERVA materials irradiation program. Volume 3: GTR test 17-AGC materials test	1965
19760067210	The computation problem with sequential decoding	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760067303	Inertial guidance system evaluation trajectory reconstruction	1965
19760067841	Satisfaction of asymptotic boundary conditions in the numerical solution of boundary-layer equations	1965
19760067953	NERVA program, NRX-A2 test	1965
19760067965	Test cell C modifications	1965
19760068277	Development of analytical methods and test equipment for determination of hydrocarbon contamination	1965
19760068466	MSC Technical Symposium (13th)	1965
19760068528	Technical proposal for conceptual and preliminary design of a hypersonic ramjet research engine, volume 1	1965
19760068568	Phoebus presentation: Phoebus-1-322 design	1965
19760068586	NERVA XE-engine shield design description	1965
19760068590	Final test report for phase one of the countermeasure radiation effects program	1965
19760068864	Modification of penning discharge useful in plasma physics experiment	1965
19760068865	Presence of acth-releasing hormone in peripheral blood: Marked increase during stress	1965
19760068866	Recent NASA meteoroid penetration results from satellites	1965
19760068868	Pituitary aminoacyl arylamidases	1965
19760068870	A note on the Petrov types of certain space-times	1965
19760068871	Intestinal absorption in hamster and ground squirrel, in vivo	1965
19760068872	Effect of temperature change on heart perance (heart-lung preparation)	1965
19760068873	Methods for the solution of nonlinear equations: A review	1965
19760068877	Wave Equation for Superconductor	1965
19760068883	Histones of the pituitary gland. 1. Isolation and characterization of bovine anterior pituitary whole histone	1965
19760068925	Materials for nuclear rocket nozzles	1965
19760068927	Shielding weight penalty as a function of clustered NERVA systems	1965
19760069175	Project Apollo End Item Specification for S-band Range Transmitter Monitor (model C14-485)	1965
19760069313	Internal instrumentation cable positioning	1965
19760069314	Adequacy of TCA instrumentation, data acquisition and data reduction systems for NRX/EST testing	1965
19760069315	Improved electron beam weld process for control drum assembly	1965
19760069322	NERVA nuclear subsystem	1965
19760069326	Analysis of NRX-A2 reactor test results	1965
19760069333	Application of gas tracer techniques to the definition of reactor leakage flow lines	1965
19760069334	NRX-A shield seal analysis	1965
19760069348	Analysis of NRX-A2 reactor test results	1965
19760069358	Evaluation of prototype fuel element handling container	1965
19760069361	Performance test report and operation manual on CFDTs sequencer, supplement 2	1965
19760069362	Upper thrust structure S/N 0000001, static structural test evaluation	1965
19760069363	Data analysis report of NRX-A2 tests, volume 1	1965
19760069374	Preliminary evaluation of pressure drop and temperature rise in EST pump suction line	1965
19760069381	Analysis of NRX-A2 reactor test results	1965
19760069388	NERVA 2 shield conceptual design study	1965
19760069389	Core insulation thermal test	1965
19760069390	Compressive mechanical properties of fuel elements at elevated temperatures	1965
19760069714	Final test report for phase 1-D (KIWI-TNT) of the countermeasures radiation effects program	1965
19760069770	Advanced engine analysis, large diameter NERVA clustering	1965
19760069815	NERVA program	1965
19760069820	Preliminary report on the NERVA radiation environment	1965
19760071300	X-ray and gamma-ray astronomy	1965
19760071402	MK 4 Mod 2 turbopump. Volume 7: Assembly features and miscellaneous considerations	1965
19760071405	Design analysis, MK4 Mod 2 turbopump	1965
19760071838	Figures presented in technical status report on PHOEBUS-2 nozzle program, 23-24 September 1965	1965
19760071843	External corrosion of single elements	1965
19760071874	NRX-A6 presentation, June 29, 1975	1965
19760071875	Survey of top shadow shield effectiveness for a cluster of three NERVA 2 modules	1965
19760071879	Notes of monthly development test program review meeting held with SNPO at Cleveland on December 9, 1965	1965
19760071880	Installation history of the NRX-EST reactor instrumentation	1965
19760072225	Aspects of closed-cycle MHD power generation	1965
19760072279	Post-operational examination of NRX-A3 fuel elements	1965
19760072280	Investigation of effluent samples from NRX-A3, EP V	1965
19760072281	Critical experiments in support of NERVA	1965
19760072288	Radiation effects data book, revision B	1965
19760072343	NRX-A3 final report	1965
19760072666	Proceedings of the Conference on Propellant Tank Pressurization and Stratification, volume 1	1965
19760072667	Analytical investigation of some important parameters in the pressurized liquid hydrogen tank outflow problem	1965
19760072674	Thermal design of cryogenic heat exchangers for space vehicle pressurization systems	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760072675	Weight optimization of a gas generator/heat exchanger subsystem during the initial design of a pressurization system: Two computer programs	1965
19760072677	Servomechanism approach to facility tank pressurization	1965
19760072737	Dose calculation models for reentering nuclear rocket debris	1965
19760072738	Calculational models for beta dose from spherical particles	1965
19760073120	Apollo GSE end item specification: Cable set, special purpose, electrical, model C14-574	1965
19760073121	Apollo GSE end item specification for console-signal conditioning unit, external, service module, model C14-484 (-301 configuration)	1965
19760073122	GSE end item specification for hoisting fixture: General arrangement, model H14-136, revision 1	1965
19760073123	Apollo GSE end item specification for cable set, electrical, model C14-187	1965
19760073182	Notes of monthly development test program review meeting held with SNPO at WANL on 22 October 1965	1965
19760073603	Apollo GSE modification kit specification for test unit, special, cryogenic oxygen servicing, model C14-615	1965
19760073674	NRX/EXT Test Predictions Review Meeting	1965
19760074546	Preliminary test report for phase I-D (KIWI-TNT) of the countermeasures radiation effects program	1965
19760074753	A wind-tunnel investigation of ground-wind loads on the ELDO satellite launching vehicle	1965
19760074804	The ELDO three axis flight simulator at the NLR	1965
19760074807	Project for the ejection sequence of the umbilical connections: Realization of an ejection control box answering to this project	1965
19760074816	Closed loop simulation of optimal guidance of space vehicles by means of analogue computer techniques	1965
19760074911	Preparatory study on the development of an O2/H2 engine	1965
19760074912	ELDO A/S industrial study of the apogee motor	1965
19760074964	Liquid hydrogen tank thermal calculations for a synchronous orbit mission	1965
19760075006	Comparative study of weights (source, capsule, shielding) of different radio-isotopes usable as on board power supply for space applications	1965
19760075007	Project and realization study of radioactive isotopic power supplies with direct conversion for space application	1965
19760075063	ELDO launcher performance. Initial program: Circular orbits, elliptical orbits, escape	1965
19760075085	Launchers B1 and B2. Study number 3-5	1965
19760075101	Project studies for ELDO-B launchers	1965
19760075490	Feasibility study of a S. Marco type range for ELDO vehicle launches. Preliminary study	1965
19760075589	First stage/second stage separation sequence	1965
19760075590	First stage/second stage separation sequence	1965
19760075605	Telecommunication satellite elements for the definition of a first generation satellite	1965
19760075623	ELDO apogee stage UK study. Volume 1: Technical section	1965
19760075630	Studies on ELDO-A first and third stage. Performances for launching from Woomera and discussion of technical details considering a limitation of acceleration to 8g	1965
19760075719	Studies on ELDO-A first and third stage: Performances for firing from a launch site without launching direction and impact point limitations and kinetic heating problems considering a limitation of acceleration to 8 g	1965
19760075751	ELDO apogee stage: Summary abstracts	1965
19760075831	Inertial guidance for ELDO-A launch vehicle. Interface equipment: Synchro-to-digital encoder, command angle decoder and mixer autopilot command decoder	1965
19760075833	Inertial guidance system for ELDO A/S preliminary study	1965
19760075870	Possible remote control systems to be used for ELDO STV	1965
19760075871	ELDO A/S launch vehicle with apogee stage: Guidance	1965
19760075875	Analogue to digital conversion of accelerometer signals	1965
19760075904	ELDO launch vehicle second stage: Engine thrust frame	1965
19760075905	Forward equipment support structure	1965
19760075953	Six metric ton thrust rocket engine using liquid hydrogen and liquid, oxygen	1965
19760075993	Reduction of dead mass in orbit by mass ratio feedback: A proposal for investigation	1965
19760076051	Fiber glass filament wound propulsion systems: Report covering the January 1964 to June 1965 period	1965
19760076080	High energy propellants properties and performances	1965
19760076088	Short description of the television system for satellite and fairings separation visual monitoring	1965
19760076102	Determining the electron density of a rocket exhaust gas jet	1965
19760076132	ELDO sloshing model, volume 1	1965
19760076133	Heating of the first stage/second stage interstage skirt	1965
19760076283	ELDO apogee stage UK study. Volume 2: Development cost estimates and programmes	1965
19760076293	Ground wind loads on the ELDO-A vehicle erected on the launcher	1965
19760076345	Preliminary study of the ELDO-C satellite launching vehicle	1965
19760076481	ELDO satellite launcher guidance and location studies (issue 2)	1965
19760076514	Functional description of the cut-off command unit of the third stage of the ELDO-A vehicle	1965
19760076567	Mathematical model of the third stage using engine movement, mechanical sloshing model and elastic structural deformation data	1965
19760077269	WASP HAS MK 1 flotation gear	1965
19760077288	J-2T aerodynamic spike thrust chamber study, phase zero	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760077843	Report of the RTCC evaluation committee: RTCC computer requirements for project Apollo	1965
19760079967	Deleted record	1965
19760079982	Performance of free stream flow instrumentation for 9-inch contoured nozzle test in the RTD 4-Megawatt Electro Gasdynamic Facility	1965
19760079988	Preliminary results from a computer program determining the effects of structural design factors on structural reliability	1965
19760080316	Calibration of the LDAA antenna	1965
19760081532	OHD technical support program	1965
19760083148	A study of four experimentally woven ballistic cloths	1965
19760084490	A simulator and flight evaluation of the longitudinal and lateral control requirements of the C-5A for the landing approach task	1965
19760084710	Studies of thermionic materials for space power applications	1965
19760085650	USN hydroskimmer SKMR-1 phase 3-a research tests (Flat bottom configuration)	1965
19760085651	USN hydroskimmer SKMR-1 phase 4 B-1 operational test results (flat bottom configuration)	1965
19760086368	Subsonic aerodynamic characteristics of the M117 bomb with a fragmentation wrap coord no. A-AM-77	1965
19770068975	Nuclear analysis in support of the Phoebus-2 nozzle development program, volume 2	1965
19770071878	RCS plume heating and pressure measurement test plan	1965
19770071884	Lunar Landing Mission error (dispersion)	1965
19770071885	Facility study for MCC-H augmentation	1965
19770072717	Control plan for mass properties	1965
19770072841	Electron emission with a terminated image potential	1965
19770072847	An investigation of terminal lunar landing with the lunar landing research vehicle	1965
19770072848	Material and geometry aspects of space radiators	1965
19770072850	Lifting entry for manned planetary missions,	1965
19770072852	Remote sensing from spacecraft as a tool for investigating Arctic environments	1965
19770072853	Underwater location system	1965
19770072854	Liapunov's second method	1965
19770072862	Lunar gravity from Orbiter tracking data	1965
19770072863	Turbulence observed in the laboratory modeling of plasma flow over a magnetic dipole	1965
19770072873	Discriminating among states of consciousness by EEG measurements	1965
19770072874	Glow discharge deposition of oxide films at low temperatures	1965
19770072875	A simple device for the sampling of nervous tissue after perfusion-fixation	1965
19770072876	Inviscid flow at the compression corner on flared bodies	1965
19770072877	The physiologic effects of restricted activity in the rat. 1: Stress effects of chronic restraint	1965
19770072878	Prebiological synthesis of organic compounds	1965
19770072904	Intramolecular energy transfer in homogeneous and mixed lanthanide complexes	1965
19770072914	Atmospheric measurements from a probe vehicle dropped at 130,000 feet altitude	1965
19770072994	A method for obtaining free bacterial spores of <i>B. subtilis</i> var. <i>niger</i>	1965
19770073376	On the flutter of multibay panels at low supersonic speeds	1965
19770073390	Component performance and flight operations of the X-15 research airplane program	1965
19770073457	Ion engine modular power conditioning and control system	1965
19770073458	Chemical studies on malformin-5. Malformin B1 and B2	1965
19770073463	Flexural stiffness of thin films and laminates for spacecraft applications	1965
19770073468	Water vapor electrolysis	1965
19770073470	The density of ionization of hydrogen by four approximations	1965
19770073472	Dielectric properties of NiO	1965
19770073473	Reaction of Sn(2) and Sn(4) in aqueous solution	1965
19770073477	The study of oxidation states and ordering phenomena in tektites and iron bearing silicates using the Moessbauer effect	1965
19770073506	Temperature dependence of radiation damage in silicon	1965
19770073507	Annealing of radiation induced defects in silicon	1965
19770073531	Resonant frequencies of rotational symmetric resonators	1965
19770073571	Transient laminar flow of a liquid with suspended particles in an equilateral triangular duct	1965
19770073584	A control system for the measurement of multi-component micro-forces	1965
19770073593	A laser device for remote vibration measurement	1965
19770073615	Flexural wave propagation in a circular plate due to impulsive loads	1965
19770073618	Validity of a distribution function for fragment size in repetitive fracture	1965
19770073663	A soil respiration system using gas chromatography and a radioisotope detector	1965
19770073804	Excitation of plasma resonances by an antenna in the ionosphere	1965
19770073807	On the energy density of a gravitational field	1965
19770073833	Reflectances and Emissivities of Clouds in the 3.5 Micron - 4.1 Micron Infrared Window as Determined from the Nimbus 1 Meteorological Satellite	1965
19770073859	Induction of Emphysema in Rats upon Exposure to 100 Per Cent Oxygen	1965
19770073860	Colloquium on Elementary Biological Systems and Abiogenesis	1965
19770073861	Facilitatory action of diazepam and chlordiazepoxide on hypothalamic reward behavior	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770073862	Chromosomal aberrations induced in Drosophila sperm by cosmic ray components. 2: Intermediate LET	1965
19770073863	Chromosomal aberrations induced in drosophila sperm by cosmic ray components 1. Low LET	1965
19770073866	On a possible relation between the changing colors of sunlight and plant growth	1965
19770073867	Response of certain diencephalic, pituitary, and plasma enzymes to lighth in Gallus domesticus	1965
19770073873	Failure of 5-flourouracil to inhibit learning in two tasks with mice	1965
19770073874	TCAP: Failure to facilitate learning in three tasks	1965
19770073881	Mechanism and pattern of human cerebrovascular regulation following rapid changes in blood CO2 tension	1965
19770073883	The influence of glucocorticoids on intestinal, mucosal hexosemonophosphate shunt enzymes in the rat	1965
19770073885	The effect of light on pituitary, plasma, and diencephalic enzymes and the epiphysis (gallus domesticus)	1965
19770073888	Survey of biomedical instrumentation developments at Ames Research Center	1965
19770073897	The limbic system and behavioral reinforcement	1965
19770073931	Rationalist inquiring systems	1965
19770073933	A criterion for weak controllability	1965
19770073939	Bounds for the zeros of a polynomial and its derivative	1965
19770073944	A linear estimator for polynomials	1965
19770074014	The 1/2 perturbation theory of the Hook's law model for the two-electron atom	1965
19770074015	Transverse distribution of ionization energy	1965
19770074017	The structure of a shock front in atomic hydrogen. 3: The radiative relaxation region	1965
19770074030	Target angle optimization for minimum energy spread	1965
19770074042	Propagation of hydromagnetic waves through an anisotropic plasma	1965
19770074044	The dependence of coaxial plasma gun performance on the plasma-electrode processes	1965
19770074054	Voids in a crystal structure of identical spheres	1965
19770074205	The absence of unusual periodicities in radar meteor rates	1965
19770074207	On the observation of the moon's wake	1965
19770074210	Approximate cooling rate of the Widmanstatten structure in meteorites	1965
19770074214	The secondary-particle contribution to the dose from solar-flare protons incident isotropically on slab shields	1965
19770074279	Molecular weight determinations of Europium tris and tetrakis beta-ketoenolates in organic solvents	1965
19770074280	Theory of a normal Fermi liquid at finite temperatures	1965
19770074688	Cold-sensitive mutants and the minimum temperature of growth of bacteria	1965
19770074689	Glucocorticoid induction of hepatic enzymes in man: An experimental model	1965
19770074690	Lipids of photosynthetic tissue. 2: Distribution of fatty acids in the leaves and chloroplasts of higher plants	1965
19770074707	Urine volume and osmolality changes during dreaming sleep in man	1965
19770074838	On the solution of simulataneous linear equations by elimination methods	1965
19770075025	Caltech/JPL Conference on the Moon and Planets	1965
19770075218	Group 1 qualification test report. Electromagnetic interference test of Apollo wetness control EMI test system	1965
19770075595	Publications of the Jet Propulsion Laboratory July 1964 - June 1965	1965
19770075719	Apollo CSM ground operations requirements plan block 2 spacecraft	1965
19770075720	Apollo CSM integrated checkout plan block 2 spacecraft	1965
19770076307	Effects of fly-in and nozzle crushing on the abort capability of the LEM descent engine - Case 330	1965
19770077747	Considerations on lunar surface vehicle navigation	1965
19770077748	Methods of computing the transformation matrix associated with gimballess inertial measurement units	1965
19770077774	Atmospheric correlation effects in range rate tracking, case 20061	1965
19770077777	Comparison of alternate implementation schemes for S/V damage assessment by visual means	1965
19770077787	Comparison of tracking and communication coverage during Apollo Saturn V launch into earth orbital attitude of 85 and 105 nm	1965
19770077788	A computer program for calculating coverage of space vehicles during powered phases by earth based communications stations - case 215	1965
19770077789	Space vehicle SA-5 telemetry system	1965
19770077790	Space vehicle SA-7 telemetry system	1965
19770077791	Space vehicle SA-9 telemetry system	1965
19770077792	Saturn instrument unit command system	1965
19770077798	Performance of saturn radar altimeter	1965
19770077800	The effect of rocket exhaust-gas impingement on various surfaces	1965
19770077802	Saturn 1 electrical power and systems integration: SA-8 through SA-10	1965
19770077908	Communications reliability for the Apollo Manned Space Flight Network (MSFN) based on past NASA network performance	1965
19770077909	A computer program for calculating the communications performance of some phase modulated Apollo unified S-band system modes	1965
19770077910	Project Apollo - aircraft-ground communication using synchronous-orbit satellite radio relay	1965
19770077911	Advantages and disadvantages of using only unified S-band communications systems in the Apollo spacecraft	1965
19770077912	The effects of ground antenna gimbal-lock on communication coverage during launch	1965
19770077913	Design philosophy for the frequency modulated modes of the Apollo unified S-band communications system	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770077914	Project Apollo: Communications processor: Analysis of storage function for data flow to the MOC/DSC	1965
19770078396	Computer simulation of flight crew operations in Apollo: The nominal mission	1965
19770078563	Research achievements review, series no. 7: Materials research at MSFC	1965
19770078651	Ranger 7 photo analysis - preliminary measurements of Apollo landing hazards	1965
19770078652	Lunar surface models, case 211	1965
19770078653	Lunar soil mechanics information derivable from slope analysis, case 211	1965
19770078654	Lunar soil mechanics, landing dynamics and Apollo site survey	1965
19770078688	Project Apollo: Additional results concerning aircraft deployment to provide coverage during the injection phase	1965
19770078690	Apollo spacecraft familiarization: NASA support manual	1965
19770078692	Saturn V/Apollo hold and recycle capability	1965
19770078693	Apollo launch-vehicle man-rating: Some considerations and an alternative contingency plan	1965
19770078705	Apollo MSFN tracking coverage during sixteen earth revolutions at 105 N. M. altitude for launch azimuths at 72, 80, 90, 100, and 108 degrees	1965
19770078706	Apollo injection phase tracking accuracy with range, range rate, and angles measurements from a single tracker	1965
19770078707	Apollo application systems. Volume 2: A study of meteoroid design data for Apollo application systems	1965
19770078708	Gemini design certification report GLV section	1965
19770078766	Summary of communication requirements for Apollo missions	1965
19770078768	Unified S-band communications margins calculations for one-way links	1965
19770078769	Project Apollo: Communications considerations for aborts during injection - case 20061	1965
19770078770	Apollo communications capability from the lunar surface to the Manned Space Flight Network	1965
19770078771	Project Apollo: Aircraft-ground communications using 600-nm altitude satellite radio relay	1965
19770078772	Project Apollo: Transmission advantage of horn-reflector antennas relative to cassegrain antennas	1965
19770078773	Unified S-band communications margins during the launch phase of a Saturn V Apollo mission	1965
19770079327	The micrometeoroid environment of Project Apollo	1965
19770079413	Development of material specifications and qualifications of polymeric materials for the JPL spacecraft materials guidebook	1965
19770079439	Project Apollo: Communications processor: Analysis of storage function	1965
19770080047	Statistical distribution of the breaking strength of a bundle of classical fibers	1965
19770080199	The microelectrokinetic effect: Deformation of living cells in a focal electric field	1965
19770080244	Optimal control theory: Classical and modern	1965
19770080327	Charge relaxation on a moving liquid interface	1965
19770080338	Studies of the evaluation and feedback of information about effects	1965
19770080438	Analysis of X-20 Parametric Aerothermodynamic Test Data	1965
19770085623	Selection of radioisotopes for space power systems	1965
19770087191	Paraglider research and development program	1965
19770087420	Rapid remote sensing by spectral matching technique. Part 1: Description and discussion of the method	1965
19770089228	The need to improve mean-time-between-failure prediction techniques	1965
19770089354	Experimental study of additive drag of supersonic propulsion systems AF33(615)-2496	1965
19770089374	Preliminary aerodynamic test data: Low speed test OV-10A airplane, volume 2	1965
19770089505	The generalized method of averaging and the von Zeipel method	1965
19770089508	Delta range safety trajectory and aerodynamic data for the AE-B spacecraft mission model no. DSV-3C, volume 2	1965
19770089509	Delta range safety trajectory and aerodynamic data for the AE-B spacecraft mission, volume 1	1965
19770089513	Flight report for vehicle S/N 441120009/20107 Delta program-mission no. 31 spacecraft: IMP-C	1965
19770089514	Flight report for vehicle SN 415/20113/20104, Delta program: Mission no. 32. Spacecraft: Tiros OT-1	1965
19770089515	Improved delta GEOS A DTO trajectory: Revision no. 1	1965
19770089518	Saturn 1B/V launch vehicle digital computer and data adapter flight model program	1965
19770089658	The effects of water layers on radomes and antenna reflecting surfaces	1965
19770089844	Development of a long-life contact seal for a high-speed rotating shaft in liquid-metal dynamic power systems	1965
19770089896	Computer techniques used in a blast wave particle trajectory analysis	1965
19770089924	The measurement of counting transfluxors. A contribution to the theory of magnetic reversal in ferrites II. Wall shifting model taking into account non-homogeneities and anisotropies	1965
19770089932	Acoustic propagation loss as a function of variations in sound velocity profile	1965
19770090034	Approximate mappings of the equilibrium-air boundary-layer flow field on a sphere at Mach 15	1965
19770090387	Procedure for estimating the undetected error rate for the RCA data transmission system	1965
19770090388	Summary of Apollo requirements for satellite communications: case 215	1965
19770090389	Apollo Saturn 5 unified S-band communications and tracking coverage from lift-off through insertion - case 215	1965
19770090404	Laboratory test methods for determining readability of tv displays - case 20061	1965
19770090409	Summary of requirements for instrumentation aircraft during the injection phase of the Apollo lunar landing missions	1965
19770090413	Minutes of the second Apollo interface coordinate systems meeting - case 209	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090414	Summary of Apollo interface activity. Case 201	1965
19770090422	Mobile arming tower LC-39	1965
19770090423	Degradation of lunar orbiter capability due to processor web sticking - case 211	1965
19770090511	Command and control from launch to insertion	1965
19770090515	Status of CALIPS pressure switches for the Saturn 1B and Saturn V launch vehicles. Case 224	1965
19770090539	Mixing and combustion in confined flows	1965
19770090582	Revised weight estimates for NASA AES and DOD earth orbit missions	1965
19770090920	Aerodynamic heating of several conventional weapons	1965
19770090965	On the estimation of reentry shock geometry	1965
19770091004	Investigation of binderless reverse hybrid propellant systems	1965
19770091009	Ballistic performance of slotted reinforced grains	1965
19770091016	Satellite relay at VHF between aircraft and manned spaceflight network	1965
19770091018	A review of the readability potential of the mission control center television displays	1965
19770091020	Design philosophy of modulation indices for Apollo unified S-Band modes with ranging	1965
19770091151	Light observation helicopter technical development plan	1965
19770091218	Organic materials for electronic applications	1965
19770091225	Study of spacecraft on-board test and data processing techniques	1965
19770091261	Accuracy and running time study of SPACE for a lunar orbiter, part 1	1965
19770091262	The effect of rocket exhaust-gas impingement on various surfaces	1965
19770091308	Delta range safety trajectory and aerodynamic data for the Pioneer A spacecraft mission, volume 1	1965
19770091311	Improved Delta lethal area report. Supplement 1: Model DSV-3E	1965
19770091312	Reusable earth launch vehicles	1965
19770091324	Radiation environment of the Saturn V base plate	1965
19770091378	Dynamic interaction analysis and computer model LEM reaction control propulsion system, volume 1	1965
19770091379	Research on a hydrogen-flourine propulsion system	1965
19770091392	The 1964 annual report of the Quality Surveillance Division	1965
19770091401	Strength properties of reinforced plastic laminates at elevated temperatures (epoxy resin ERSB-0111 and 181-S-HTS glass fabric)	1965
19770091430	Development of coatings for tantalum alloy nozzle vanes	1965
19770091452	Program for the evaluation of structural reinforced plastic materials at cryogenic temperatures, phase 2	1965
19770091474	Ballistic performance of reinforced grains	1965
19770091479	Cryogenic research and development	1965
19770091505	Summary engineering report penetration radar (PENRAD)	1965
19770091585	Laser propagation equipment evaluation	1965
19770091614	Impact response characteristics and associated impact attenuation techniques for lunar and planetary landing vehicles	1965
19770091634	Design study of doppler laser radar for clear air turbulence detection	1965
19770091681	Use of pure oxygen in spacecraft	1965
19770091688	Digital Data Acquisition System (DDAS) for Saturn IB/V	1965
19770091689	The single document approach to computer program documentation	1965
19770091725	Research achievements review series no. 11. Terrestrial and space environment research at MSFC	1965
19770091732	Report on long range helium transportation optimization study for NASA, KSC, MILA. Volume 1: Executive brief	1965
19770091743	Lunar environment reference book	1965
19770091770	SST handling characteristics during approach and landing flight regimes	1965
19770091771	Aircraft designer's handbook for titanium and titanium alloys	1965
19770091772	Supersonic transport program phase 2-C	1965
19770091773	Preliminary aerodynamic test data low speed test OV-10A airplane, volume 1	1965
19770091847	Communicating total data from space vehicles to MCC in real time	1965
19770091904	Improved Delta range safety flight termination report, DSV-3E (Western Test Range)	1965
19770091906	Delta range safety trajectory and aerodynamic data for the Pioneer-A spacecraft mission. Volume 2	1965
19770091907	Delta range safety trajectory and aerodynamic data for the Tiros OT-2 spacecraft mission, volume 1	1965
19770091908	Improved delta range safety trajectory and aerodynamic data for the Tiros OT-2 spacecraft mission. Volume 2	1965
19770091909	Delta launch support	1965
19770091917	Flight report for vehicle S/N 434/20114/20005, delta program - mission no. 33 spacecraft: OSO-c	1965
19770091918	Flight report for improved Delta vehicle S/N 457/2020/20201 Delta program-mission no. 34 spacecraft: GEOS-A	1965
19770091928	VOYAGER Project	1965
19770091992	Propellant actuated devices	1965
19770091993	Modification of the H-1 engine for altitude performance with the Saturn-1B/stage "O" vehicle	1965
19770092052	Cryogenic data center activities	1965
19770092057	Spectral properties of a logarithmic amplifier	1965
19770092058	Effects of clutter on airborne pulsed doppler radar systems	1965
19770092059	Longitudinally stiffened wide columns of improved efficiency	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092115	High speed digital cathode-ray tube display	1965
19770092227	TIROS radiation measurements and variations in atmospheric heating	1965
19770092244	Space biology in the USSR, an annotated bibliography. Research in basic bioscience during manned earth-orbiting missions	1965
19770092283	Measuring magnetization curves in anisotropic magnetic samples	1965
19770092314	Induced uniaxial anisotropy in magnetite at room temperatures	1965
19770092326	Report on long-range helium transportation optimization study for NASA, KSC, MILA. Volume 2: Data, statistics and analysis	1965
19770092340	Computer program operating manual. Volume 2: Study of flow fields about axisymmetric blunt bodies at large angle-of-attack	1965
19770092341	Computer program operating manual. Volume 3: Study of flow fields about axisymmetric blunt bodies at large angle-of-attack	1965
19770092342	Computer program operating manual. Volume 1: Study of flow fields about axisymmetric blunt bodies at large angle-of-attack	1965
19770092434	The railroad as analogy to the space program	1965
19770092435	Lunar landing dynamics specific systems engineering studies	1965
19770092436	Documentation of digital computer programs for lunar landing dynamics specific systems engineering studies	1965
19770092528	Tension shell and rotnet structures for towed decelerators	1965
19770092530	Feasibility and parametric design study of an unguided solid fuel rocket vehicle with solar orbital capabilities	1965
19770092531	Star Detector Experiment (SDE) for the Applications Technology Satellite (ATS), phase 1	1965
19770092688	Microminiature dc amplifier	1965
19770092721	An engineered computer program for hydraulic pressure surges in systems with free gas	1965
19770092780	Aeroquip induction-brazed fitting study	1965
19770092860	Design guidelines for circuitry in a nuclear reactor-propelled spacecraft	1965
19770092863	Low altitude observation system feasibility study, volume 2	1965
19770092905	Technical information and its use in industry: Where we stand. 1: The acquisition of useful information on new technology, an overview. 2: User studies and the transfer of innovation, implications of past research	1965
19770092917	Proceedings of Third Conference on Solar Simulation Research	1965
19770092982	Wind tunnel newsletter	1965
19770092984	A low density wind tunnel residual gas monitoring system, volume 1	1965
19770092986	Tentative schedule of operation for the test facilities	1965
19770093011	Optimization of multistage three-dimensional boost trajectories, phase 2. Part 1: Program formulation	1965
19770093032	Feasibility study of a regenerative type air arc heater chamber	1965
19770093040	Preliminary Voyager 1971 mission specification	1965
19770093042	Delta vehicle flight failure report launch 26	1965
19770093044	Lunar survey probe delivery vehicle study, volume 3, part 2	1965
19770093045	Lunar survey probe delivery vehicle study, volume 3, part 1	1965
19770093049	SLV-3X/Centaur and SLV/3X-Agenda trade-off and design feasibility report	1965
19770093053	Minuteman flight test report. FTM 509 pilot rock (25 August 1965) LGM-30A follow-on operational test launch no. 2, wing I, WS-133A	1965
19770093073	Final guidance equations and performance analysis for Centaur AC-6	1965
19770093075	Coordinate systems and time measure (dynamics, description of motion, spacecraft, space flight)	1965
19770093079	Notes on locally excited vibrations in space vehicles	1965
19770093080	Space vehicle design criteria: Localized steady vibrations	1965
19770093081	T2N design review of descent control system	1965
19770093083	Apollo booster flight control system	1965
19770093090	Dual-chamber controllable solid propellant rocket motor, July - September 1964	1965
19770093091	High chamber pressure staged combustion research program	1965
19770093102	Proceedings of Second Conference on Spacecraft Coatings Development	1965
19770093103	Testing fabroid bearing material	1965
19770093120	Evaluation of various coatings for platinum thin film gages, volume 2	1965
19770093124	Metallurgical analysis of failure of 2219-T87, 2.125 inch thick aluminum plate	1965
19770093162	Preparation and characterization of a new high-energy oxidizer	1965
19770093164	Research in high-energy oxidizers	1965
19770093165	Evaluation of a high energy liquid propellant rocket engine oxidizer and a pilot production of same	1965
19770093166	Propulsion development department review. Chapter 2: Propellants, materials, and ignition	1965
19770093176	Design of an LN2 cryopump for the MSFC-R-AERO low density chamber, Volume 4	1965
19770093218	Alfven waves and induction drag on long cylindrical satellites	1965
19770093223	Organic polymer dielectric study	1965
19770093238	Parametric study of heat rejection concepts. Volume 2, appendix B: Test program	1965
19770093239	Heat conduction through two selected insulating configurations	1965
19770093240	Study of boiling heat transfer with LOX, LH2 and LN2	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093260	Comparative tests of ablative material performance using specimens taken from two large solid-propellant rocket-motor nozzles	1965
19770093263	Development of a sodium line reversal stagnation temperature measurement system	1965
19770093264	Photography of the lunar surface under full-moon illumination	1965
19770093265	Feasibility study for a 200-2000 BTU/sq ft sec short duration calibration facility for thick film gases, volume 5	1965
19770093290	Gravity gradient stabilization system elements and antenna structures (booms): Plan for production of 1000-foot	1965
19770093305	The lateral oscillations of a uniform straight column with various end conditions: A unified approach	1965
19770093340	An analytical model of the group 2 ganglion cell in the frog's retina	1965
19770093381	FORTTRAN programs for computation of total emissivity and total absorptivity	1965
19770093386	On whole systems	1965
19770093389	Rocket noise	1965
19770093427	Design and inquiry	1965
19770093428	A linear activity analysis model of primary and secondary education	1965
19770093431	Non-rationality in decision theory	1965
19770093434	On the ethics of large-scale systems, part 1	1965
19770093435	Feasibility study relating to a proposed institute for management of technology utilization, phase 1, book 1	1965
19770093456	The transfer of space technology	1965
19770093457	Technology transfer and the flow of technical information in a large industrial corporation	1965
19770093464	Solar radio telescope model 5550 (airborne instruments laboratory). Volume 4: Radiometer	1965
19770093465	Solar radio telescope model 5550 (Airborne Instruments Laboratory). Volume 5: Analog recorder	1965
19770093466	Solar radio telescope model 5550 (Airborne Instruments Laboratory). Volume 6: Digital recorded	1965
19770093467	Solar radio telescope model 5550 (Airborne Instruments Laboratory). Volume 7: Data accumulation system	1965
19770093468	Solar radio telescope model 5550 (Airborne Instruments Laboratory). Volume 8: Analog-to-digital converter	1965
19770093472	Study of unmanned systems to evaluate the martian environment	1965
19770093478	Bremsstrahlung production cross sections for shielding against electrons in space	1965
19770093487	The 1964 advanced ramjet concepts program. Volume 4: New and novel engine concepts	1965
19770093492	Wind tunnel newsletter	1965
19770093500	Papers presented at the 19th MSC Technical Symposium	1965
19770093501	Saturn space debris study	1965
19770093512	Bibliography of research and development reports on the Centaur program for the first quarter 1965	1965
19770093514	Bibliography of research and development reports on the Centaur program for the second quarter 1965	1965
19770093520	ASSET AEV-1. Volume 3: Flight Test Report	1965
19770093524	High strength case motor demonstration program	1965
19770093525	System dynamics program for liquid hydrogen rocket engines	1965
19770093528	Mean amplitudes of vibration, Bastiasen-Morino shrinkage effect and thermodynamic functions in some isotopic species of carbon trioxide, appendix 2	1965
19770093531	Study to determine the extent of further development of the R. F. ion mass spectrometer calibration ion source system, phase 2	1965
19770093555	Low altitude observation system feasibility study, volume 1	1965
19770093565	Active band-pass filters using twin-tee networks	1965
19770093575	Electrostatic potential sensors for use on the NASA scout evaluation vehicle, S-131R	1965
19770093637	Development and operation of an apparatus for the measurement of the spectral reflectance and transmittance of thin films, volume 7	1965
19770093654	Wind tunnel newsletter	1965
19770093670	NASA SCAT 15F feasibility study	1965
19770093674	Aerodynamics. Book 1: Commercial supersonic transport program. Phase 2C: Interim aircraft performance assessment report	1965
19770093675	Aerodynamics. Book 2: Commercial supersonic transport program. Phase 2C: Interim aircraft performance assessment report	1965
19770093676	Commercial supersonic transport program. Phase 2-C: Aircraft performance assessment report. Aircraft structures, book 1	1965
19770093678	Commercial supersonic transport program. Phase 2-C: Aircraft performance assessment report. Aircraft structures. Book 2: Weights and balance	1965
19770093679	Systems. Commercial supersonic transport program. Phase 2C: Aircraft performance assessment report	1965
19770093680	Air induction control system performance specification Commercial supersonic transport program. Phase 2-C: Aircraft performance assessment report	1965
19770093681	Commercial supersonic transport program. Phase 2C: Aircraft performance assessment report. Summary	1965
19770093710	Supersonic transport engine development, phase 2-B. Appendix B: Fuel control system study	1965
19770093711	Supersonic transport engine development, phase 2-B. Appendix A: Fuel control system study	1965
19770093755	Interplanetary navigation and guidance study	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093795	Trip report: CM access arm working group meeting, Downey, California, October 12, 1965	1965
19770093800	Design criteria for hot gas secondary injection thrust vector control of solid propellant rocket motors. Volume 1: Program discussion, book 2	1965
19770093872	Physico-chemical characterization of high-energy storable propellants	1965
19770093874	Development of high energy solid propellants	1965
19770093896	Digest of the Proceedings of the Colloquium on Satellite Broadcasting	1965
19770093995	A method for solution for particle transport problems	1965
19770094090	Preliminary evaluation of an in vivo model for determining the state of protein metabolism	1965
19770094095	Axonal conduction studies	1965
19770094180	The enthalpy and entropy of p-hydrogen	1965
19770094184	Technical discussions of results of the Manned Space Flight Supporting Development Program	1965
19770094222	Solar ultraviolet radiation	1965
19770094251	Wind tunnel newsletter	1965
19770094262	Service acceptance trials of model E-2A aircraft, volume 1	1965
19770094393	Propulsion development department review. Chapter 1: Propulsion techniques systems, and analysis	1965
19770094394	Research and development of high energy oxidizers	1965
19770094402	Propulsion development department review. Chapter 2: Propellants, materials, and ignition	1965
19770094552	Vehicle launch and in-flight loads	1965
19770094614	Physical conditions in gaseous spheres	1965
19770094628	Sociological perspectives on some of the changes taking place in the space-centered communities of Brevard County, Florida	1965
19770095411	A study of cyclic plastic stresses at a notch root	1965
19780070057	Apollo missions and navigation systems characteristics	1965
19780070058	On optimal steering to achieve required velocity	1965
19780070070	IIIB interim docking simulation on data release and preliminary analysis of results	1965
19780070071	A method of orbital navigation using optical sightings to unknown landmarks	1965
19780070093	Apollo guidance and navigation system	1965
19780070140	NASA system design and research	1965
19780070149	Linearized supersonic theoretical approximation to three dimensional combustor flow	1965
19780072060	Trip report: NASA/GAEC Certification Review Board Meeting	1965
19780072069	Preliminary report on the hold and recycle requirements	1965
19780072308	Crater shadow visibility from the LEM	1965
19780074142	Analysis and design of NRX-A3 limiter circuits	1965
19780074146	NRX/A4 EST test prediction report	1965
19780074148	NRX/WST controls and facilities failure mode analysis	1965
19780074149	Orbit start applications of NERVA and advanced NERVA engines	1965
19780074249	Meeting at Langley Research Center on Surveyor Landing Aid for Apollo	1965
19780074250	Deployment of reentry ships during mission AS-202 to obtain pertinent data on RF communication blackout	1965
19780074251	LEM descent engine jettisonable skirt, case 220	1965
19780074372	Project Apollo - communications processor-analysis of processing (P1) function	1965
19780074756	Analog computer model of NRX feedsystm	1965
19780074860	Structural design factors for space vehicles	1965
19780075307	Coordination meeting on lunar orbiter data analysis, case 340	1965
19780075308	LEM flight vehicle status meeting at GAEC, 16 December 1965	1965
19780075309	Data generation by AAP experiments	1965
19780075310	AAP alternative mission thermal control considerations	1965
19780075311	Apollo application program land-landing system	1965
19780075312	Trip report: LEM ECS quarterly review	1965
19780075317	Objectives and application of structural design factors for space vehicles	1965
19780075330	SA-201 launch vehicle RF and telemetry systems description	1965
19780075347	Apollo spacecraft guidance system	1965
19780075416	Electromagnetic interference qualification test of Apollo C14-354 pyrotechnic initiator checkout bridge set	1965
19780075426	Apollo Saturn electrical panel 14th meeting	1965
19780075455	NERVA test report, Diluent Control Valve (DCV) P/N 278100-59, S/N 014 LH2 flow and functional tests	1965
19780075601	Reliability and quality assurance	1965
19780075623	NASA industrial applications study	1965
19780075651	Definition of telemetry equipment for Apollo passive lunar scientific experiments (TAPLE). Volume 1: Technical	1965
19780075655	Orbit evaluation and mission planning guide. Volume 1: Transparent overlays	1965
19780075664	An analysis of failure effects in the lunar excursion module reaction control system, case 130	1965
19780075665	Apollo use of Surveyor landing aids case 340	1965
19780075666	Differences of configuration in successive Saturn 1B and Saturn V vehicles, case 330	1965
19780075670	Definition of Telemetry equipment for Apollo Passive Lunar scientific Experiments (TAPLE). Volume 3: Program plans	1965
19780075672	Separation system test command module from service module (ATR 100A, phase D)	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780075673	Influence of hold capability and recycle requirements on Apollo/Saturn V launches	1965
19780075675	Apollo RCS engine tests in the AEDC RTF J2A test cell	1965
19780075676	Conference on the RCS Propellant Gaging	1965
19780075705	Summary of the electromagnetic interference control activities of the MSFC, the KSC and the MSC for the Apollo program	1965
19780075859	Description of two modified versions of the selenographic coordinate transformation program, phase 1	1965
19780075882	Description of the LEM computer assisted crew task bank and mission sequence program	1965
19780075885	Discrepancy analysis of preflight equipment failures	1965
19780075890	Lunar landing dynamics: Specific systems	1965
19780075891	Out-of-plane launches of probes from an Apollo spacecraft in lunar orbit	1965
19780075897	Trajectory and attitude constraints for the LEM. Volume 2: Attitude constraints	1965
19780075898	Linear Monte Carlo program for the LEM midcourse phase	1965
19780075902	Qualification test of bridge completion unit: Suit inlet temperature measurement for S/C	1965
19780075903	Facilities design criteria Apollo-unified S-band 30-foot dish site Grand Canary Island	1965
19780075924	Fifteenth meeting of the Apollo Saturn Electrical Panel	1965
19780075932	Unified S-band tracking and communications coverage of the manned space flight network during eighteen earth revolutions at 105 NM altitude for launch azimuths at 72, 80, 90, 100, and 108 degrees	1965
19780075940	The design of series-loaded thermal conductors for minimum weight	1965
19780075941	Qualification testing of the Apollo event conditioner unit	1965
19780075943	Trip report: Attendance at Apollo Emergency Egress Working Group Meeting, 18 November 1965	1965
19780075953	Trip report: LEM ascent engine quarterly review, Bell aerosystems, Niagara Falls, 14 December 1965	1965
19780076008	Detectors for the Apollo Mod 1 and Mod 2 optical radars	1965
19780076009	Qualification test of external signal conditioning unit, service module, C14-484, S/N 3	1965
19780076026	Qualification test of acceleration-sensitive switch, ATR 421003	1965
19780076032	Detail report for thermal tests of TM-2	1965
19780076035	Fatigue life of seamless polyester and polyimide film belts, tape recorder belt study	1965
19780076066	Radioisotope Thermoelectric Generator (RTG) feasibility report	1965
19780076160	LMS math model: Equations of motion, subsystem interfaces and visual display drive equations	1965
19780076271	Linear Monte Carlo program for the LEM terminal rendezvous phase	1965
19780076284	LEM radiator study	1965
19780076285	Phoebus-2 nozzle program planning report	1965
19780076350	The effects of ground antenna gimbal-lock on communications coverage at the 85 foot antenna Apollo MSFN stations	1965
19780076746	Preliminary report on nuclear radiation heating of components in the nerva engine	1965
19780077251	NERVA components irradiation program. Volume 6: GTR test 15	1965
19780077342	Phoebus-2	1965
19780078758	An integrated approach to engineering synthesis and analysis	1965
19780079369	Phoebus-2 nozzle tentative final quality program plan	1965
19780079370	Phoebus-2 nozzle intermediate reliability program plan	1965
19780080393	MOL study report. Volume 2: Preliminary program plan. Appendix I, production plan. Book 2, MOL PT and FA sheets	1965
19780081781	Engineering research experiments for manned earth orbital missions	1965
19780081863	NASA industrial applications study	1965
19780081969	First NASA-Wide Reliability and Quality Assurance Meeting	1965
19780082056	Arizona Photopolarimeter-Telescope (APT) for Orbiting Astronomical Observatory: Experiment description	1965
19780082196	Tests of Hitcos fiber glass panel	1965
19780082248	A sensitive tunnel diode discriminator	1965
19780082261	Thermal protection system test program	1965
19780082274	DBM-10M1 space surveillance recorder and DBM-25M1 space surveillance recorder	1965
19780082580	Advanced mission planning and evaluation methodology	1965
19780082623	Atlas/Centaur launch vehicle study. Phase 3: Guidance and control	1965
19780082628	Off-nominal mission possibilities for lunar orbiter task order 11	1965
19780082629	Study of technical management for Saturn IB/Centaur project	1965
19780082630	Saturn 5 cryogenic loading schedules	1965
19780082641	Report of the TOW review group	1965
19780082642	TOW, technical development plan	1965
19780082717	Rotor re-entry vehicle wind tunnel model	1965
19780082718	Final documentation of flight control system programs SA-10	1965
19780082719	Nuclear rocket simulator tests: Flow initiated with turbine accelerated; tank pressures 25, 35 PSIA; runs 18-21	1965
19780082720	RL10 rocket engine	1965
19780082734	Development of high strength, brazed aluminum, honeycomb sandwich composites adaptable for both elevated and cryogenic temperature applications	1965
19780082805	Spectrum analysis of nonstationary signals	1965
19780083120	Research in basic bioscience during manned earth-orbiting missions	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083299	Inclination angle vs. circular orbit altitude for repeated lighting pattern earth orbits	1965
19780083619	Design criteria for remote data acquisition. Phase 3: Implementation plan	1965
19780083877	Giant orbiting mirror	1965
19780083887	Study to investigate the stability in orbit determination	1965
19780083899	Trip report: Analysis of weather satellite data by the US Weather Bureau, case 340	1965
19780083998	Investigation of the stress-corrosion cracking of high strength aluminum alloys	1965
19780083999	Development of improved conversion coatings for aluminum alloys	1965
19780084005	Improved plastic foam-generating agents and techniques for Saturn applications	1965
19780084019	Investigation of the chemical kinetics of an advanced high energy propellant system	1965
19780084031	Research and development of improved gasket material for cryogenic applications in space	1965
19780084127	Study of pressure losses in tubing and fittings	1965
19780084230	Investigations and analyses of particle and light flux in aurora and air-glow using rocket-borne instrumentation	1965
19780084248	Program design of countdown simulation	1965
19780084304	Saturn 5 PERT status and project trends	1965
19780084311	To develop and evaluate techniques and instrumentation for the measurement of cosmic radiation anisotropies	1965
19780084359	Development of a short duration calibration facility, volume 6	1965
19780084360	Technical studies on the communication satellites	1965
19780084362	Techniques of measurement and automatic analysis of dynamic motion with application to some re-entry experiments	1965
19780084364	Trip report: Discussion on the implementation of gaseous nitrogen purge requirements, KSC, October 27, 1965	1965
19780084367	Saturn S-4B	1965
19780084374	Operations summary report, OGO 2	1965
19780084379	The Black Arrow launching vehicle: An assessment of the performance of advanced versions	1965
19780084410	Investigation of problems involved predicting thrust from venting	1965
19780084411	Follow-up on problems reported in Quarterly review of spacecraft G and N system, held September 20-22, 1965	1965
19780084414	Two aspects of the Earth's synchronous mission as affected by the S-IVB stage restart capability	1965
19780084417	RL10 rocket engine	1965
19780084418	RL10 rocket engine	1965
19780084426	Development of high strength, brazed aluminum, honeycomb sandwich composites adaptable for both elevated and cryogenic temperature applications	1965
19780084427	Development of high strength, low density composite materials for Saturn applications	1965
19780084428	Development of high strength, low density composite materials for Saturn applications	1965
19780084435	Oxygen difluoride research study	1965
19780084440	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at -423 F (-253 C)	1965
19780084441	Investigation of the stress-corrosion cracking of high strength aluminum alloys	1965
19780084528	Pump discharge oscillation study	1965
19780084532	Study of interface thermal contact conductance	1965
19780084534	Feasibility study of piezotransistor accelerometer	1965
19780084536	The accuracy of trajectory measuring instrumentation at RAE Aberporth. Part 1: Kinetheodolites	1965
19780084549	Investigation of smooth-bonded metal liners for glass fiber filament-wound pressure vessels	1965
19780084550	Analization, design, fabrication, and testing of a foil bearing rotor support system	1965
19780084600	Development of a rocket-borne cryogenic air sampler and its application to upper atmosphere aerosol and trace gas research	1965
19780084605	A study of temporal factors controlling animal activity, including consideration of the extent to which natural rhythms may be changed	1965
19780084613	Hazards to the eye from ionizing radiation during extended space missions	1965
19780084620	Summary review of the Martin Crew: Performance studies, case 120	1965
19780084621	Physiology of the visual control system: Intraocular pressure control system	1965
19780084622	Cytochemical studies of planetary microorganisms explorations in exobiology	1965
19780084626	Study of the qualitative theory of perturbed systems	1965
19780084639	Theoretical and experimental investigation of the physics of crystalline surfaces	1965
19780084644	Saturn 5 schedule status and project trends	1965
19780084659	Solar ultraviolet radiation	1965
19780084661	High-energy gamma-ray astronomy experiment for high-altitude balloons	1965
19780084735	Saturn 5	1965
19780084785	Optimization of the performance of a polyurethane adhesive system over the temperature range of minus 423 F to plus 200 F	1965
19780084883	Research on gravitational mass sensors	1965
19780085059	Reentry radiation and air flow	1965
19780085064	Deleted record	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085081	Modification of X353-5 lift fans for lift fan triangular wing model	1965
19780085082	Development of coatings for tantalum alloy nozzle vanes	1965
19780085089	Report on visit of inspection to University of Cincinnati	1965
19780085090	Study of deep space meteoroid satellite to be launched by a Saturn-Centaur vehicle. Volume 1: Summary development plan pricing	1965
19780085091	Study of the deep space meteoroid satellite to be launched by a Saturn-Centaur vehicle. Volume 2, part 1: Flight mechanics telecommunications	1965
19780085092	Study of deep space meteoroid satellite to be launched by a Saturn-Centaur vehicle. Volume 2, part 2: Electrical power and distribution attitude control, thermal control	1965
19780085096	Space programs	1965
19780085097	A study of long range national problems related to the development of the NASA program	1965
19780085103	Development of a micrometeoroid simulation device	1965
19780085105	Launch complex for saturn 1B/Zero stage	1965
19780085115	Launch vehicle configuration review	1965
19780085116	Comparison of rocket and passive impact attenuation landing systems for terminal phase of Martian landing	1965
19780085117	Saturn 1B/Centaur systems engineering	1965
19780085118	Trip report: Discussion of lunar Orbiter Data Processing at ITEK Corporation	1965
19780085121	Data analyses in connection with the National Geodetic Satellite program	1965
19780085123	Trip report: LC37B Site Activation Board Meeting	1965
19780085124	An investigation of longitudinal oscillation instabilities of the Saturn 5 LOR vehicle	1965
19780085126	Sublazer program definition and comparative study, volume 2: Cost effectiveness comparison	1965
19780085162	Trip report: Resource sharing panel, MSC, December 2, 1965	1965
19780085170	Investigation of the Combined Effects of Space Environmental Parameters on Space Vehicle Materials	1965
19780085171	Research on failure free systems	1965
19780085172	Ascent shroud design	1965
19780085173	LEM ascent stage propellant tank	1965
19780085174	Attitude control of space vehicles using minimum switching jet logic	1965
19780085192	Graphite-metal composites	1965
19780085193	Graphite-metal composites	1965
19780085194	Investigation of the effects of material properties on composite ablative material behavior	1965
19780085195	A study of the use of vapor and vacuum techniques for the development of high strength filamentary materials	1965
19780085197	Research on filament, whisker, and laminar metal-ceramic composites for space vehicle application	1965
19780085199	Development of improved lox-compatible laminated gasket composite	1965
19780085200	Development of high strength, brazed aluminum honeycomb sandwich composites adaptable for both elevated and cryogenic temperature applications	1965
19780085202	Oxygen difluoride research study	1965
19780085203	A study of the suppression of combustion oscillations with mechanical damping devices	1965
19780085212	Micro and macrocrack formation	1965
19780085213	Investigation of the stress-corrosion cracking of high strength aluminum alloys	1965
19780085215	The hydrogen purification of submicron nickel powder	1965
19780085218	Development of protective coatings for tantalum t-222 alloy	1965
19780085226	Program for the evaluation of structural reinforced plastic materials at cyrogenic temperatures, phase 3	1965
19780085227	Development of improved semi-organic structural adhesives for elevated temperature applications	1965
19780085228	Glass-fiber-reinforced metallic tanks for cryogenic service	1965
19780085229	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen	1965
19780085232	Synthesis and evaluation of new high temperature polymers for coating applications	1965
19780085233	A study of polymers containing silicon-nitrogen bonds	1965
19780085242	A study of the suppression of combustion oscillations with mechanical damping devices	1965
19780085248	Glass-fiber-reinforced metallic tanks for cryogenic service	1965
19780085249	Gelling of cryogenic oxidizers	1965
19780085250	Cryogenic positive expulsion bladders	1965
19780085252	Investigation of reactivity of titanium and other materials with liquid oxygen and nitrogen tetroxide	1965
19780085261	Reliability of message switching with Communications Processors (CP's) based on past performance at Goddard Space Flight Center	1965
19780085327	Materials report for thermo-lag T-500-111-H/C	1965
19780085328	Development of lightweight thermal insulation materials for rigid heat shields	1965
19780085329	Development of nondestructive testing techniques for honeycomb heat shields	1965
19780085331	Advanced studies on multi-layer insulation systems	1965
19780085338	A procedure for reducing the time required for the digital processing of photographs	1965
19780085351	Hypervelocity impact effects on liquid hydrogen tanks	1965
19780085352	Development of welding techniques and filler metals for high aluminum alloys	1965
19780085356	Study of dissimilar metal joining by solid state welding	1965
19780085367	Tiros, satellite and rocket imagery for terrain identification and thematic mapping	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085368	Design criteria for remote data acquisition. Phase 1: Data acquisition	1965
19780085372	Fundamental research in solid state energy conversion process	1965
19780085386	Airflow observations during NASA Mobile Launch Expedition number one	1965
19780085394	Efficacy of alkali-superoxide beds for bacteria removal from air	1965
19780085401	Life support system for space flight of extended time periods	1965
19780085403	Space cabin atmosphere contaminant measurement techniques	1965
19780085412	Stability and convergence properties of a class of parameter trackers	1965
19780085414	A standing magnetoacoustic wave power generator	1965
19780085421	Collisional excitation of atomic spectra in accelerated beams of light elements	1965
19780085423	Atomic collision research	1965
19780085442	Research and development programs	1965
19780085443	Multidisciplinary research in the space related physical, engineering, social and life sciences	1965
19780085449	Progress at the Jicamarca radar observatory	1965
19780085450	The 210-ft. radio telescope, parks	1965
19780085460	NASA supported radiation environment study	1965
19780085470	Further yaw measurement analysis	1965
19780085540	Study of deep space meteoroid satellite to be launched by a Saturn-Centaur vehicle. Volume 2, part 3: Vehicle design and structure; reliability	1965
19780085544	Radiative energy transfer on entry into Mars and Venus	1965
19780085553	Discussion of launch vehicle hold capabilities and recycle requirements with MSFC and Boeing personnel at MSFC, November 10, 1965	1965
19780085555	Atlas Centaur AC-4 post launch report 1	1965
19780085560	Voyager 1971 mission guidelines	1965
19780085598	Analysis of the procedures for the assembly, checkout and launching of space vehicles	1965
19780085599	Improvement to spacecraft weight and sensitivities computer program	1965
19780085608	Improved throat insert for ablative thrust chambers	1965
19780085618	Investigation of the Effects of Material Properties on Composite Ablative Material Behavior	1965
19780085644	Trip report: Meeting on hypergolic loading GSE	1965
19780085645	Oxygen difluoride research study	1965
19780085758	Radioisotopic biochemical probe for extraterrestrial life	1965
19780085779	Saturn 5 pert status and project trends	1965
19780085787	Meteor astronomy studies based on TV cinematography	1965
19780085795	Shock tunnel investigations of turbulent flow at high Mach numbers	1965
19780085833	Trip report: Third SAB Meeting, LC 37B	1965
19780085843	Launch area telemetry data flow	1965
19780085851	Payload capabilities of Saturn-IB launch vehicles with boost assisting UTC solid rocket motors	1965
19780085853	Low Reynolds number effects on the trajectory of a blunt lifting re-entry vehicle	1965
19780085856	Saturn V launch vehicle digital computer and data adapter prototype program	1965
19780085857	Saturn IB/V launch vehicle digital computer and data adapter flight model program	1965
19780085859	An investigation of longitudinal oscillation instabilities of the Saturn V LOR vehicle	1965
19780085919	Development of light weight magnesium alloys for low temperature applications	1965
19780085921	The institute for the study of metals	1965
19780085930	Evaluation and demonstration of the use of cryogenic propellants (O ₂ -H ₂) for reaction control systems	1965
19780085932	Investigation of the effects of mechanical stress on the permeability of engineering materials to liquid hydrogen and other propellants used in launch vehicles	1965
19780085940	Investigation of light hydrocarbon fuels with flox mixtures as liquid rocket propellants	1965
19780085978	Design analysis and performance evaluation on electrical contacts for space vehicles	1965
19780086007	Development of an operational induction flowmeter for liquid hydrogen	1965
19780086008	The lunar orbiter photographic data channel	1965
19780086156	Slow ground state electrons and the anomalous magnetic moment of the free electron	1965
19780086175	Medical applications of NASA-developed science and technology	1965
19780086177	The absence of an aqueous morphology on Mars and some geologic consequences	1965
19780086180	Cross section calculations and study of space vehicle radiation shielding	1965
19780086191	Wind Tunnel Newsletter, April 1965. An informal, monthly publication to members of the Saturn team interested in experimental aerodynamics and thermodynamics	1965
19780086268	Trip report: Conference on lunar orbiter photographic data processing at MSC	1965
19780086274	Delta vehicle flight failure report: Launch 24	1965
19780086275	Atlas/Centaur flight acceptance composite test, operations requirement no. 930	1965
19780086277	Atlas/Centaur launch vehicle study. Phase 3: Guidance and control	1965
19780086278	Investigation of the effects of mechanical stress on the permeability of engineering materials to liquid hydrogen and other propellants used in launch vehicles	1965
19780086279	Saturn 1B/V launch vehicle digital computer and data adapter flight model program	1965
19780086280	Saturn 5 launch vehicle digital computer and data adapter prototype program	1965
19780086295	Analysis and synthesis of flight control systems for flexible boosters	1965
19780086318	Research on solid state photodetectors	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086330	An assessment of electro-deposited nickel	1965
19780086344	Nonlinear aspects of combustion instability in liquid propellant rocket motors	1965
19780086378	The capacity of the acoustic channel as a medium for communication	1965
19780086431	Development of thermal protection system for a cryogenic spacecraft module	1965
19780086432	Investigation of a lightweight self-evacuating prefabricated multi-layer insulation system for cryogenic space propulsion stages	1965
19780086436	Measuring range from Surveyor camera focus settings	1965
19780086437	JPL design of a critical data recorder for surveyor, case 340	1965
19780086491	Infrared and ultraviolet studies of terrestrial materials	1965
19780086513	Research on the Diurnal Periodicity of Physiological Functions and of Performance Level; Including Studies of the Effects of Removing, or of Changing the Period of Phase of Environmental Time Indicators	1965
19780086515	Signal detection theory and psychophysics, volume 2	1965
19780086554	Saturn V pert status and project trends	1965
19780086572	Future Projects Office bulletin no. 10	1965
19780086576	A theoretical study of the ring current and geomagnetic field	1965
19780087200	Development and Testing of Shaped Charge Meteoritic Simulators Calibration Study	1965
19780087361	Basic studies on dispersion hardening	1965
19780087960	Effects of spacecraft environments on polymeric materials	1965
19780088500	Review of status and apparent prospects of laminar flow control (1962-1965)	1965
19790070546	Gemini 5 supplemental report 6: Inertial guidance system and computer analysis	1965
19790072161	Lunar Orbiter Mission Planning	1965
19790072162	NASA Apollo progress report Quarterly progress report, Oct. - Dec. 1964	1965
19790072163	Saturn 5 hold capability and recycle requirements Interim report	1965
19790072170	AES flight mission assignment plan. Part 7 - Scheduling constraints and alternative schedules	1965
19790072210	Trajectory validation for project Apollo	1965
19790072213	A study of the behavior of lunar accessibility over extended time periods. Part 2: Non-free return trajectories	1965
19790072214	Summary of launch window constraints for Apollo	1965
19790072215	Revised Apollo Saturn 5 hold capability and recycle requirements	1965
19790072218	Lunar orbit rendezvous reference trajectory data package. Volume 1: Apollo error analysis. Description of procedures and computer programs	1965
19790072222	Results of simulations of CSM and LEM powered flight 3 sigma input and parameter perturbation	1965
19790072228	Summary of work performed under Bellcomm/NASA task 11	1965
19790072266	Review of AS-201 and AS-501 inter-center interface control documents	1965
19790072284	Lunar landing site accessibility for July 1969	1965
19790072381	Sensitivity matrix data for LEM ascent to 50,000 foot orbit	1965
19790072425	Lunar orbit rendezvous reference trajectory data package. Apollo error analysis. Volume 1C: Trajectory 1, LEM rendezvous error analysis	1965
19790072427	Lunar orbit rendezvous reference trajectory data package. Apollo error analysis. Volume 4B: Trajectory 4, LEM error analysis	1965
19790072443	Lunar orbit rendezvous reference trajectory data package. Volume 1: Apollo error analysis. Description of procedures and computer programs	1965
19790072446	Optimum two impulse deboost into lunar orbit	1965
19790072515	Lunar landing systems engineering study Interim report	1965
19790072532	Vehicle landing characteristics on an irregular surface	1965
19790072666	Failure analysis of discrete output networks for Saturn 5 ESE	1965
19790072698	A study of two-impulse maneuvers for a CSM rescue of a disabled LEM	1965
19790072769	Work completed under task order no. 16, subtask no. 8 Summary report	1965
19790072784	Computer programs to solve the direct rendezvous and Hohmann transfer problems	1965
19790072793	Resource sharing in MSF: Initial report	1965
19790072799	Aes flight mechanics and performance capabilities	1965
19790072924	Apollo mission sequence plan (a system engineering working document)	1965
19790072965	Lunar orbiter data analysis: Data accuracy goals	1965
19790072967	Csm block ii critical design review	1965
19790073043	Design program for rocket nozzles based upon chemical kinetics	1965
19790073066	A comparison of hot-wire and cold-wire engine cutoff circuits for launch vehicles - case 120	1965
19790073107	Fundamentals of entry into the Martian atmosphere - Case 103-3	1965
19790073194	Optimization of modulation indices in phase modulated frequency multiplexed communication systems	1965
19790073197	Summary of work performed under Bellcomm, 1 April 1964 - 31 March 1965	1965
19790073212	Fourth Meeting of the Apollo Reentry Communication Blackout Working Group	1965
19790073215	The application of relay logic to the Saturn 5 discrete output system	1965
19790073217	Project Apollo: Study of carrier interruption effects on phase locked loop operation	1965
19790073218	Saturn IB/V data link evaluation	1965
19790073243	Saturn IB/V data link evaluation	1965
19790073245	NASA Apollo Quarterly Progress Report, April June 1965	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073248	Choice of frequency for direct relay link between space vehicles and communication satellites for relay to MCC-H	1965
19790073250	Project apollo - communications processor analysis of processing /p sub 1/ function case 20061	1965
19790073251	Monitoring procedures and landing radar requirements during powered descent phase of the lunar excursion module /U/	1965
19790073296	LEM electrical power system status	1965
19790073298	Electrostatic potentials on an earth orbiting spacecraft	1965
19790073351	Surveyor TV pictures by Earthlight	1965
19790073352	Tape recording of lunar orbiter pictures	1965
19790073641	Apollo lunar data analysis	1965
19790073659	Status and schedules monitoring of apollo software	1965
19790073663	An evaluation of Bendix's computer programs	1965
19790073723	NASA Apollo quarterly progress report, October - December 1964	1965
19790073727	NASA Apollo program Quarterly progress report, Jan. - Mar. 1965	1965
19790073740	Project Apollo coordinate system standards (the proposed text of an OMSF directive)	1965
19790073750	Quarterly progress report, July, August, September 1965	1965
19790073789	Perturbations of lunar satellite orbits	1965
19790073862	The meteoroid environment of the Apollo program	1965
19790073875	Lunar orbiter support of surveyors A through G targeting	1965
19790073878	Dust cloud produced by Luna-5 impacting the lunar surface	1965
19790074276	Fracture mechanics of through-cracked cylindrical pressure vessels	1965
19790074904	Trip report: Lunar orbiter communication subsystem test at RCA space center, Hightstown, New Jersey	1965
19790075241	Free return lunar accessibility over extended time periods	1965
19790075275	Trip Report: Visual landing aid simulation at Langley Research Center, 2 July 1965	1965
19790075727	Summary of work performed under Bellcomm/NASA task 15, amendment 2	1965
19790075739	Presentation on Rangers 7, 8, and 9 Impact Investigation	1965
19790076511	NRX-A3 post test report, supplement 2	1965
19790076555	Fluctuating pressure data, 5.5 percent Apollo-Saturn configuration	1965
19790076607	Data report for Ames UPWT test, Apollo FS-2 static force model to evaluate the Block 2 command module and canard launch escape vehicle /Ames 9/ /U/	1965
19790076622	Extended Apollo systems utilization study, addendum I. Volume 1 - Summary Final report	1965
19790076623	Study of tradeoffs related to direct injection from earth into translunar orbit for Apollo Final report	1965
19790076625	LEM application to lunar shelters and mobile vehicles	1965
19790076626	Apollo extension systems trajectory study	1965
19790076628	Analysis of spacecraft onboard computer performance	1965
19790076629	Evaluation of velocity error in IMU during ascent phase /gemini 2 and gemini 3 missions/	1965
19790076632	Systems Test Objectives for Gemini Launch Vehicles NASA Mission Gemini 7	1965
19790076633	Project Apollo flight-test report boilerplate 23A	1965
19790076637	Extended Apollo systems utilization study prolonged missions. Volume 3 Subsystems Final report	1965
19790076638	Apollo mission SA 501 preliminary mission profile	1965
19790076639	Gemini GT-4 ascent postflight analysis report /U/	1965
19790076644	Lunar surface accessibility contours-action item number one Interim report	1965
19790076645	Gemini rendezvous mission error analysis results M equals 4	1965
19790076652	Apollo flight mission assignments	1965
19790076661	Apollo extension system earth orbit mission study. volume 1 - General engineering studies Final report	1965
19790076662	Apollo mission SA-206A spacecraft preliminary reference trajectory. Volume 1 - Trajectory description	1965
19790076674	Apollo extension system earth orbit mission study. Volume 5, addendum 1 Final report	1965
19790076693	Preflight report command module boilerplate number 6A airplane drop, parachute test	1965
19790076707	Gemini design approval test program. Volume 2 - Thrust chamber assemblies. Book 4 - One hundred pound-thrust OAMS TCA P/N 407540-21 Final report	1965
19790076717	Apollo Monthly progress report, 16 Mar. - 15 Apr. 1965	1965
19790076730	Design weights - Ground Support Equipment /GSE/ for Block 1 and Block 2 Apollo spacecraft	1965
19790076733	Apollo GSE end item specification for nozzle simulator, fireable, assembly of model A14-208	1965
19790076748	Launch vehicle no. 4 flight evaluation	1965
19790076749	Gemini Program Mission Report, Gemini 6-A	1965
19790076753	Launch vehicle no. 3 flight evaluation	1965
19790076757	Apollo flight mission assignments	1965
19790076767	Spacecraft 002 Little Joe 2 launch vehicle performance and interface specification	1965
19790076779	Space programs summary no. 37-35, volume II FOR the period July 1, 1965 to August 31, 1965. The planetary-interplanetary program	1965
19790076780	Extended Apollo systems utilization study, addendum I. Volume 3 - Configuration analysis and experiment accommodation Final report	1965
19790076781	Extended Apollo systems utilization study, addendum I. Volume 4 - Subsystem analysis Final report	1965
19790076784	Lunar survey probe delivery vehicle study Interim report	1965
19790076796	Aerodynamic data manual for project apollo	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790076801	Gemini gt-3 inertial guidance system evaluation trajectory reconstruction	1965
19790076833	LEM mass property report	1965
19790076846	Monthly weight and balance report for the Apollo spacecraft, January 1965	1965
19790076878	Weight and balance report for the Apollo spacecraft Monthly report	1965
19790076879	Preliminary weight and balance report for CSM end item spacecraft 017 and 020	1965
19790076880	Weight and balance report for the Apollo spacecraft Monthly report	1965
19790076881	Weight and balance status report for CSM 009 /U/ Bi-monthly report	1965
19790076885	Bimonthly weight and balance status report for CSM 009 /U/	1965
19790076886	Pre-flight actual weight and balance report boilerplate stack no. 22, high altitude abort test /U/	1965
19790076887	Monthly weight and balance report for the Apollo spacecraft, May 1965	1965
19790076888	Preliminary weight and balance report for boilerplate 30	1965
19790076889	Design criteria and environments, LEM	1965
19790076890	Bimonthly weight and balance status report for CSM end item spacecraft 012 and 014	1965
19790076893	Bimonthly weight and balance status report for CSM 011	1965
19790076895	Bimonthly weight and balance status report for CSM 011	1965
19790076897	Mass properties data - Block 2 control weights for the Apollo spacecraft	1965
19790076898	Project Apollo end item specification, boilerplate number 23A	1965
19790076899	Actual weight and balance report boilerplate no. 19, airplane drop parachute test	1965
19790076900	Actual weight and balance report boilerplate stack no. 22, high altitude abort test	1965
19790076902	Monthly weight and balance report for the Apollo spacecraft	1965
19790076903	System status report /U/	1965
19790076904	LEM mass property report	1965
19790076905	System status report /U/	1965
19790076925	Design criteria and environments LEM	1965
19790076928	Abort guidance system redefinition studies studies	1965
19790076933	Apollo guidance and navigation. System status report, 15 January 1965	1965
19790076938	Guidance and navigation system operations plan Apollo mission 202	1965
19790076944	Preliminary weight and balance report for spacecraft 002 /U/	1965
19790076947	Monthly weight and balance report for the Apollo spacecraft	1965
19790076948	Apollo monthly progress report for period 16 February - 15 March 1965	1965
19790076958	Apollo guidance and navigation. Guidance and navigation system operations plan Apollo mission 202	1965
19790076965	Guidance and navigation system operations plan Apollo mission 202	1965
19790076970	Specification for display equipment, external visual design control	1965
19790076972	Actual weight and balance boilerplate 28 command module /U/	1965
19790076980	GFE - Guidance, navigation, and control performance and interface specification, block 2	1965
19790076986	LEM mass property report	1965
19790076988	System test determination of Apollo IRIG drift coefficients	1965
19790076989	Apollo guidance and navigation system status report	1965
19790076993	BP end item specification. Part 1 Performance/design requirements, boilerplate 30	1965
19790076994	G and N system data for mission AS-202 development engineering inspection	1965
19790077003	CSM end item specification. Part 1 Performance/design requirements spacecraft 2TV-1 for Apollo CSM system	1965
19790077010	Apollo heat shield	1965
19790077016	System status report	1965
19790077019	Altitude performance evaluation of the main retrograde thrust rocket for the Surveyor Lunar Spacecraft /summary of nine TE-364 FIRINGS	1965
19790077029	Gemini design approval test program. Volume 2 - Thrust chamber assemblies. Book 1 - Twenty-five pound-thrust RCS TCA P/N 208130-61 Final report	1965
19790077030	Gemini design approval test program. Volume 2 - Thrust chamber assemblies. Book 2 - Twenty-five pound-thrust OAMS TCA P/N 208160-61 Final report	1965
19790077031	Gemini design approval test program. Volume 2 - Thrust chamber assemblies. Book 3 - Eighty-five pound-thrust OAMS TCA P/N 207510-21 Final report	1965
19790077032	Gemini design approval test program, engine systems. Volume 1 - OAMS 14-day configuration SE 7 engine system Final report	1965
19790077033	Gemini design approval test program. Volume 2 - Thrust chamber assemblies. Book 8 - One hundred pound-thrust OAMS long-duration TCA P/N 209301 Final report	1965
19790077034	Gemini design information test program. Eighty-five and 100-pound-thrust OAMS thrust chamber assemblies Final report	1965
19790077035	Summary of the altitude development testing of the Bell model 8258 rocket engine in the propulsion engine test cell /J-2A/ /LEM ascent stage primary propulsion system/	1965
19790077053	Space programs summary no. 37-35, volume V for the period August 1, 1965 to September 30, 1965. Supporting research and advanced development	1965
19790077054	Space programs summary no. 37-31, volume V for the period December 1, 1964 January 31, 1965. Supporting research and advanced development	1965
19790077058	LEM utilization study for Apollo extension system missions. Volume VI - Schedule analysis Final report	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790077065	Preliminary design study of an experiments pallet for an Apollo spacecraft Final report	1965
19790077090	Apollo heat shield	1965
19790077113	The 16 PIP Mod D centrifuge tests	1965
19790077114	Apollo reliability and quality assurance program. Appendix C - Apollo Saturn 504 mission reliability analysis Quarterly status report	1965
19790077118	Apollo reliability and quality assurance program Quarterly status report	1965
19790077119	Quarterly reliability status report	1965
19790077133	Quarterly reliability status report, 10 March - 10 June 1965	1965
19790077139	Quarterly reliability status report	1965
19790077142	Apollo reliability and quality assurance program Quarterly status report, second quarter 1965	1965
19790077145	Apollo training plan	1965
19790077157	Apollo extension system earth orbit mission study. Volume 2 - Flight mission and configuration description for NASA experiment groupings Final report	1965
19790077168	Apollo flight software validation plan Final report	1965
19790077170	OSSA program supporting research projects, part III Semiannual progress report, 1 Jan. - 1 Jul. 1965	1965
19790077178	Project Gemini /U/ Quarterly status report for period ending 31 Aug. 1965	1965
19790077190	Apollo Monthly progress report, 16 Jan. - 15 Feb. 1965	1965
19790077214	Apollo monthly progress report from 16 December 1964 - 15 January 1965	1965
19790077220	Apollo Monthly progress report, 16 Nov. - 15 Dec. 1964	1965
19790077941	Extended Apollo systems utilization study, addendum 1. Volume 2: Experiment analysis and requirements. Part 1: NASA flights	1965
19790077944	Vehicle test plan Apollo mission a-004 spacecraft 002	1965
19790078424	Apollo Spacecraft flight summary	1965
19790078425	Program apollo flight mission directive Apollo mission A-003, BP-22	1965
19790078834	Systems test objectives for Gemini launch vehicle, NASA mission Gemini 6B	1965
19790085530	GT-3 preflight launch trajectory report	1965
19790085533	GT-4 preflight launch trajectory report	1965
19790085534	Gemini V mission directive	1965
19790085535	Preliminary analysis of a satellite retrieval mission for Gemini	1965
19790085536	Preliminary analysis of a proposed double rendezvous mission for Gemini with Pegasus-A	1965
19790085537	Program Apollo initial mission directive for mission 204, AFRM 012	1965
19790085538	Program Apollo test directive spacecraft 001	1965
19790085539	Gemini program mission planning report	1965
19790085540	GT-4 mission directive	1965
19790085541	Analysis of MISTRAM system for Gemini	1965
19790086448	Radiative and total heating rates obtained from Project Fire reentries at 37,000 feet per second /U/	1965
19790086453	ASSET AEV-2 Flight Test Report /U/	1965
19790086470	Minuteman flight test report /u/	1965
19790086474	Spherical rocket motors /U/	1965
19790086476	Statistical variations in performance of rocket engines and a possible method of increasing performance of the Saturn V vehicle /U/	1965
19790086486	Evaluation of the thermal and thermostructural performance of customized "thermo-lag" T-500. Volume III - Weight estimate for the command module and IBM MANUAL /U/ Final report, 29 Jun. 31 Dec. 1964	1965
19790086490	Liquid propellant research evaluation /U/ Final summary report, 1 Jan. 1962 30 Sep. 1965	1965
19790086501	Surface experiment package power supply study program /U/ Final technical report	1965
19790087127	CX-6 V/STOL assault transport support system study. Volume III - Operations analysis /U/ Final report, 19 Jan. 5 Aug. 1965	1965
19790087146	LPTV final analysis and evaluation report. Volume 1 - Guidance, addendum 2 /U/	1965
19790087150	Novel space vehicle defense techniques /U/ Technical report, May 1964 - May 1965	1965
19790087151	A program of research on blast and thermal loads, structural response, and vehicle response of RV's subjected to atmospheric nuclear explosions /U/ Quarterly progress report, 1 Jun. - 1 Sep. 1965	1965
19790087155	Reentry environment and systems technology /REST/. Volume IV - Materials /task 4.0/. Part 1 - Heat shield material and process development /U/ Semiannual progress report, 1 Jan. - 31 Jul. 1965	1965
19790087158	Inorganic halogen oxidizers /U/ Quarterly progress report, 29 Aug. - 28 Nov. 1965	1965
19790087160	Research on ultra-high impulse propellant systems /U/ Progress report, Jan. 1 Mar. 31, 1965	1965
19790087161	Research on advanced solid propellants /U/ Quarterly progress report, 11 Sep. 10 Dec. 1965	1965
19790087163	Investigations of hydrides and combustion /U/ quarterly report, 1 Jun. - 31 Aug. 1965	1965
19790087165	Investigation of a high energy monopropellant /U/ Quarterly progress report, 8 Sep. - 7 Dec. 1965	1965
19790087170	Penetration radar /PENRAD/ /U/ Interim report no. 4, 1 Jun. - 31 Aug. 1965	1965
19790087200	Investigation of optical filter materials /U/ Technical report, May 1964 - Aug. 1965	1965
19790087859	USAF aircraft characteristics summary "black book" /u/ air force guide no. 1	1965
19790087862	Improved delta range safety land impact probability study for the TIROS OT-2 SPACECRAFT mission /U/	1965
19790087863	Low-observable reentry vehicle /lorv/ program /u/ quarterly progress report, 1 jan. - 31 mar. 1965	1965
19790087865	Amr test 037 /u/ data summary report	1965
19790087866	Applicable documentation for the TIROS OT-3 SPACECRAFT mission /U/	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800071714	Methods of presentation of topside electron density profiles	1965
19800073362	The Canadian earth satellite program	1965
19800073370	A 400 Mc/s5 watt solid state FM/PM modulated transmitter for spacecraft telemetry	1965
19800073396	A PCM encoder for the ISIS-A satellite	1965
19800073400	The Alouette commutators	1965
19800073434	Explorer 20 observations at conjugate ducts	1965
19800073435	Determination of the dip equator using the satellite Explorer XX	1965
19800073439	The use of topside sounders in ionospheric research	1965
19800073460	Electron density profiles obtained over France using topside and ground-based ionospheric soundings	1965
19800077990	Experiments on free turbulence in visco-elastic fluids	1965
19800078140	Postlaunch report for Apollo mission a-003 (BP-22)	1965
19800080376	ASEE-NASA summer institute, 1965. Stanford-Ames program	1965
19800080428	Evaluation of F-4C, F-5A, and A-4C aircraft in the tactical mission environment (Sparrow Hawk) (U), volume 3: Detailed mobility data	1965
19800080429	Evaluation of the F-4C, F-5A, and A-4C aircraft in the tactical mission environment (Sparrow Hawk) (U), volume 2: Energy maneuverability analysis and associated diagrams	1965
19800080430	Evaluation of F-4C, F-5A, and A-4C aircraft in the tactical mission environment (Sparrow Hawk) (U), volume 1	1965
19810068094	A 16-foot diameter millimeter wavelength antenna system, its characteristics and its applications	1965
19810072834	Research on the dynamic stability of a large flexible booster subjected to longitudinal end thrusts	1965
19810079499	Low observable reentry vehicle program general flight test and experimental plan large scale and subscale test vehicles, revision 1	1965
19820064753	A description of guidance error analysis programs NSL-EA-1 and NSL-EA-2	1965
19820066944	Thick target Bremsstrahlung production in silicon	1965
19820067091	Thermal control analysis for space flights of one year duration, volume 1	1965
19820070819	A practical approach to the optimization of the Saturn 5 vehicle control under aerodynamic loads	1965
19820074696	The 8-A aircraft propulsion system	1965
19820077684	Ceramic resonator material for I.F. filters	1965
19820077955	An annotated bibliography on paragliders	1965
19830069923	Feasibility studies of promising stability and gravity (including zero-G) experiments for manned orbiting missions	1965
19830080776	ARP report, volume 1 (U)	1965
19830081534	The 260-in.-dia Motor Feasibility Demonstration Program. Volume 1: 260-SL motor aft-end ignition system development	1965
19830083039	A high-accuracy conical-scan infrared horizon sensor operating in the 15-mu CO2 band (U)	1965
19830083040	Horizon sensing from a spin-stabilized spacecraft (U)	1965
19830083041	Infrared photography of the earth from space (U)	1965
19830083042	Status report on radiation-source standardization (U)	1965
19830083043	Vertical and horizontal maritime visibility models (U)	1965
19830083044	Zone-plate monochromator (U)	1965
19830083045	Reliability analysis and demonstration of the infrared detecting set, AN/AAS-18 (U)	1965
19830083048	Atmospheric Interaction with coherent light: A Status report (U)	1965
19830083183	Helicopter rotor blade radar antenna (U)	1965
19830083186	An experimental X-band, coherent pulse Doppler radar: Design, capacities, and applications (U)	1965
19830083187	Optical radar for range instrumentation (U)	1965
19830085240	High temperature gas dynamics research project	1965
19840066898	GEMINI 4: Extravehicular activity. A walk in space	1965
19840067157	Process techniques study of integrated circuits	1965
19840072636	Techniques for measurement of physical properties of potential supersonic transport fuels	1965
19840076194	Infrared reflectance and emittance of silver and gold evaporated in ultrahigh vacuum	1965
19840079592	Application of the tribrid rocket concept to cryogenic tripropellants	1965
19840079593	Ramjet propulsion trend	1965
19840079594	A survey of current air-augmented rocket research (U)	1965
19840079596	Controllable solid propellant rocket motors (U)	1965
19840079597	Advances in hybrid propulsion development (U)	1965
19840079598	A vortex-stabilized gas-core rocket concept (U)	1965
19840079601	ORION space propulsion (technical status and mission potential). Part 1: Technical status. Part 2: Potential military applications. Part 3: Possible non-military uses of ORION propulsion (U)	1965
19850071013	MSCC configuration and initialization for acceptance tests, volume 3, revision 1	1965
19850071017	MSCC configuration and initialization for acceptance tests, volume 6	1965
19850074324	Short form estimation equations for preliminary weight estimation	1965
19850074354	Electrostatic sensitivity of electro-explosive devices	1965
19850076338	Project Apollo. AS-201 (AFRM-009) spacecraft operational trajectory (trajectory listing), volume 2	1965
19850076339	Project Apollo. AS-201 (AFRM-009) spacecraft operational trajectory	1965
19850076340	Preliminary reference trajectory for the manned Apollo mission AS-205, volume 2	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19850076663	Preliminary reference trajectory for Saturn 1B, SA-206	1965
19850076664	Project Apollo. Preliminary reference trajectory for the manned Apollo mission AS-205	1965
19850077030	Project Apollo: Preliminary spacecraft reference trajectory for Apollo mission AS-204B (AFRM 012)	1965
19850077032	Apollo mission AS-207A preliminary mission profile. Volume 2: Trajectory listing and printout key	1965
19860067740	History: Project First, F-1 combustion stability program. Volume 2, book 3	1965
19860067741	History: Project First, F-1 combustion stability program. Volume 2, book 4	1965
19860073210	Debond detection system development	1965
19870067634	Technology transfer and the flow of technical information in a large industrial corporation	1965
19870067699	Technology transfer and the flow of technical information in a large industrial corporation. Volume 2: Appendices A, B, C and D	1965
19870069838	Apollo Spacecraft Propulsion Models for GE mass program. Task MSC/TRW A-40	1965
19870070501	Estimated performance of a Mach 8.0 hydrogen fueled turbofanramjet (STFRJ-230A)	1965
19880069006	Launching of the First Scientific French Satellite (FR-1)	1965
19880069023	Transmission-reception antenna system for the eole satellite	1965
19880069040	Bipolar electrolyzer	1965
19880069048	Primary heterogeneities of the earth's mantle	1965
19880069083	Two interviews with: Academician Viktor Ambartsumyan and Dr. Wernher von Braun	1965
19880069084	Theory of the formation and structure of quasi-stellar radio sources	1965
19880069194	Statistical analysis of variability of quasar 3C 273	1965
19880073890	Horizon phenomenology data gathering experiment	1965
19890069975	Accelerated test program	1965
19890072647	Bulletin of the 4th Meeting of the Interagency Chemical Rocket Propulsion Group: Working Group on Mechanical Behavior, volume 1	1965
19890072648	The mechanics of highly-filled propellants	1965
19890072649	The Theory of Sedimentation Volume for Particle Systems of Uniform Spheres	1965
19890072650	Fracture modes of cast double-base propellants	1965
19890072651	The relationship between filler distribution and uniaxial rupture of composite solid propellants	1965
19890072652	Measurement of equilibrium mechanical properties using ultra low-rate tests	1965
19890072653	The effect of microvoids on the low frequency ultrasonic wave propagation through composite solid propellants	1965
19890072654	The influence of vacuole formation on the response and failure of solid propellants	1965
19890072655	Mechanical and failure properties of propellant in a multiaxial stress field	1965
19890072656	Humidity and temperature effects on the creep behavior of solid propellants	1965
19890072657	Determination of the Stored Energy Function of Rubber-Like Materials	1965
19890072658	Dynamic compressibility measurements of an inert composite propellant at low frequencies	1965
19890072659	On the Characterization of Multiaxial Data in Terms of the Strain Energy Concept	1965
19890072660	Dynamic mechanical properties of solid propellants and propellant binders	1965
19890072661	Triaxial testing of solid propellants	1965
19890072662	The interrelation of modulus and nominal maximum stress	1965
19890072663	Application of finite viscoelastic theory to solid propellants	1965
19890072664	An apparatus for measurement of dynamic effects in rheological materials	1965
19890072665	Establishing mechanical properties criteria	1965
19890072666	Propellant characterization for firing and flight	1965
19890072667	Experimental investigations on fracture of a filled rubber under biaxial stress fields	1965
19890072668	A statistical model for constant strain failures in solid rocket propellants	1965
19890072669	A progress report on the suitability of several time-dependent failure criteria for double-base solid propellants	1965
19890072670	Some characteristic functions pertinent to failure of viscoelastic materials	1965
19890072671	Thermomechanical response of a viscoelastic cantilever plate	1965
19890072672	An engineering theory of nonlinear viscoelasticity with applications	1965
19890072673	A nonlinear two-dimensional stress analysis applicable to solid propellant rocket grains	1965
19890072674	A comparison of finite difference and finite element methods for grain structural analysis	1965
19890072675	Stress analysis for non-linear viscoelastic bodies	1965
19890072676	On the Practical Application of a Miniature Stress Rosette to Solid Propellant Grain Design	1965
19890072677	Techniques for acquiring subsurface displacements in viscoelastic materials	1965
19890072678	The effect of propellant-case interaction on stress/strain concentration factors in solid propellant rocket grains	1965
19890072679	Forced vibrations of an encased cylinder with eroding inner surface	1965
19900066386	Carbon dioxide frost conductivity	1965
19900066639	The pulsations of models of Delta Cephei stars, 2	1965
19900066811	Stellar dynamics in a discrete phase space	1965
19900068720	Design, fabrication, and experimental verification of cryogenic tankage applicable to manned aerospace systems	1965
19900068721	Design, fabrication, and experimental verification of cryogenic tankage applicable to manned aerospace systems	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19910072584	Lectures on Space Physics	1965
19910072737	Graphical solution of compressible fluid flow problems	1965
19910072843	Lectures on space science	1965
19910072844	Introductory space science, volume 2	1965
19910072864	A survey of atmospheric and planetary science	1965
19920075123	Suppressing relay coil transients with bifilar winding	1965
19920075303	Saturn SA-10/Pegasus C postflight trajectory	1965
19920075312	Saturn SA-8/Pegasus B postflight trajectory	1965
19930074323	Development of potential roles of supersonic transport crews: An informal report of the study methodology	1965
19930077590	Voyager studies, 1965	1965
19930078735	Study of trajectories and upper-stage propulsion requirements for exploration of the solar system	1965
19940005536	Survey of AEC and NASA capabilities in computerized data management	1965
19960006703	A comparison of flow inclination in the University of Virginia supersonic wind tunnel and the NASA Unitary Plan Wind Tunnel, test section no. 1	1965
19960023504	Evaluation of the Thermal and Thermo-Structural Performance of Customized Thermo-Lag T-500	1965
19960024121	Evaluation of Thin Wall Spacecraft Wiring	1965
19960024313	Materials Report for Thermo-Lag T-500-111-H/C	1965
19960025495	Regional Technical Conference on Tooling for Plastics: Design and Construction	1965
19960025497	Transactions of Symposium on High Performance Composites	1965
19960025684	Regional Technical Conference on New Frontiers for Reinforced Plastics	1965
19960026545	Apollo Mission Sequence Plan (A System Engineering Working Document)	1965
19960027151	Investigation of Thermal Endurance and Temperature Classification of SR 155 Silicone Electrical Insulating Varnish	1965
19960039956	40K F2/H2 Pump-Fed Engine Study	1965
19960052766	Performance Characteristics of Compound A/Hydrazine Propellant Combination	1965
19970031403	Generalized Ablation Analysis with Application to Heat-Shield Materials and Tektite Glass	1965
19990050958	Prelaunch Checkout Computers as Decision Aids	1965
19990050959	Prelaunch Checkout Computers as Decision Aids	1965
20000011999	Ground Effects on V/STOL and STOL Aircraft	1965
20010011050	Summary Report Future Programs Task Group	1965
20010120462	Investigation of Mechanisms for Oxidation Protection and Failure of Intermetallic Coatings for Refractory Metals	1965
20010123295	Evaluation of Fasteners and Fastener Materials for Space Vehicles	1965
20020007908	Materials and Processes for a 156-Inch Diameter Monolithic Motor	1965
20020007909	Flaw Detection and Structural Repair in Large Motor Cases	1965
20020012615	Deformation and Fracture in Composite Materials	1965
20020013010	1400 Degrees F Ultra High Strength Alloy Development Program	1965
20020013011	The Structural Stability of Welds in Columbium Alloys	1965
20020016840	Development of a Wrought Tungsten Base Alloy	1965
20020017595	A Fundamental Investigation of the Nature of Stress-Corrosion Cracking in Aluminum Alloys	1965
20020017596	Tantalum and Molybdenum Brazing Techniques	1965
20020017602	Development of Columbium Base Alloys	1965
20020017603	Application of Physical Metallurgy to Refractory Metal Processing	1965
20020018539	Factors Affecting the Compatibility of Liquid Cesium with Containment Metals	1965
20020018543	Deformation Characteristics of Metals and Alloys	1965
20020018933	Effects of Second-Phase Particles on Ductility	1965
20020018936	Structural Behavior of Composite Materials	1965
20020022040	Performance and Endurance Test of Code E-227 Engine	1965
20020022042	Fracture Micromechanics of Fe-Ni-Co and Other Alloys	1965
20020022243	Investigation and Testing of Controlled Polyphase Alloys	1965
20020022280	Influence of Heat Treatment on Microstructure and Properties of Columbium-Base and Chromium-Base Alloys	1965
20020022397	Research on Dispersion Strengthened Cobalt Base Alloys	1965
20020022410	Research on Whisker-Reinforced Metal Composites	1965
20020022415	Research Directed Toward the Development of a Wrought Superalloy	1965
20020022416	Mechanical and Thermal Properties of High-Temperature Titanium Alloys	1965
20020022419	Fabrication and Properties of Simple Open Hammer, Die, and Press Forgings of Ti-721 Alloy	1965
20020022421	A Fundamental Investigation of the Nature of Stress-Corrosion Cracking in Aluminum Alloys	1965
20020022437	High Purity, Fine Particle Elemental Boron	1965
20020022470	Development of a Wrought Tungsten Base Alloy	1965
20020022626	Development of Composite Structures for High-Temperature Operation	1965
20020022756	Deposition of Tungsten by Reduction of the Hexafluoride with Hydrogen in the Vapor Phase	1965
20020022757	Factors Affecting the Compatibility of Liquid Cesium with Containment Metals	1965
20020022772	Development of Dispersion-Strengthened Nickel- and Cobalt-Base Alloys	1965
20020022776	Research on Electrical Conductors for High Temperature Applications	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20020022777	Groups IV, V, and VI Transition Metals. Selected References on Preparation, Structure, Physical Properties, Metallography, and Transport Properties	1965
20020026439	A Basic Research Study of the Cause and Cure of Stress-Corrosion Cracking of Titanium Alloys in Aqueous Environments	1965
20020027814	Space Materials Handbook. Second Edition	1965
20020027819	A Study of Low Density, High Strength High Modulus Filaments and Composites	1965
20020030061	Performance and Endurance Characteristics of the Code E-213 Diesel Engine	1965
20020038604	Javelin Radio Astronomy Rocket Probe (Flight 8.33)	1965
20020042054	Research for Development of a Superior Titanium Alloys for Use up to 1200 F	1965
20020042072	Protective Coatings for Tantalum-Base Alloys	1965
20020042256	Effects of Interstitial Impurities on the Mechanical Properties of Electrorefined Vanadium at Low Temperatures	1965
20020042264	The Embrittling Effect of Small Elastic Stress Waves on Crack Toughness in a Structural Steel	1965
20020042272	Compatibility of Columbium with Hydrogen Environments	1965
20020042284	Refractory Tube Test Chamber and Materials Evaluation Program	1965
20020042285	Strengthening Mechanisms in Wire Products	1965
20020042286	Effects of Thermo-Mechanical Variables on the Texture and Bend Ductility of High Purity Beryllium Sheet	1965
20020042288	Correlation of Yield Behavior in Electrorefined Vanadium with Interstitial Impurities	1965
20020042303	Investigation of the Feasibility of Applying Ultrasonic Energy to the Sheet Rolling Process for Metals	1965
20020042306	Study of Methods to Produce Composite Beryllium Blades	1965
20020042307	Research on Effects of High Purity in Wrought Polycrystalline Beryllium Sheet	1965
20020042308	An Evaluation of the Effect of Finite Shear Strain in a Shallow, Spherical Shell	1965
20020042380	A Resume of the Studies of the Aerospace Applications Requirements Panel of the Aerospace Manufacturing Committee	1965
20020042397	Characterization of the Mechanical Properties of Distilled and Zone Refined Beryllium	1965
20020042411	Friction and Lubrication at Extreme Pressures	1965
20020042422	Sub-Critical Crack Growth in AM-350 Steel	1965
20020042425	The Hafnium-Vanadium System	1965
20020042427	Development of Welding Techniques and Filler Metals for High Strength Aluminum Alloys	1965
20020043114	Dynamic Pressure Hardening of Irregular Shapes	1965
20020043116	Flow and Fracture Characteristics of Beryllium	1965
20020043118	Investigation of Residual Stresses in Steel Weldments	1965
20020043122	Structural Fastening Technology	1965
20020043381	A Double Cantilever Beam Specimen for Determining the Plane Strain Fracture Toughness of Metals	1965
20020043385	Evaluation of Iron- and Nickel-Base Alloys for Medium and High Temperature Reactor Applications: Part 2	1965
20020043389	An Evaluation of the Corrosion Resistance of Several High Temperature Alloys for Nuclear Applications	1965
20020043431	Effects of Second-Phase Particles on Ductility	1965
20020043758	Evaluation of Large Titanium Alloy Forgings	1965
20020046734	Fracture in Alpha Titanium	1965
20020046738	Stress Corrosion Cracking of Titanium Alloys	1965
20020046857	Stainless Steel-Gadolinium Alloys	1965
20020046888	An Experimental Investigation of the Behavior of Beryllium Metal in Simulated Launch Pad Abort Environments	1965
20020046900	Weld Crack Sensitivity of Rene' 41	1965
20020048180	Creep-Rupture Properties of Rhenium and Some Alloys of Rhenium at Elevated Temperature	1965
20020048186	Evaluation and Improvement of Coatings for Columbium Alloy Gas Turbine Components	1965
20020048188	Evaluation and Improvement of Coatings for Columbium Alloy Gas Turbine Engine Components	1965
20020048357	A Fundamental Investigation of the Nature of Stress-Corrosion Cracking in Aluminum Alloys	1965
20020048358	High Temperature Creep-Rupture Properties of Hastelloy X in Vacuum	1965
20020048485	Research on Dispersion Strengthened Cobalt Base Alloys	1965
20020048486	Structural Guidelines for Materials Development	1965
20020048505	Research Directed Toward the Development of a Wrought Superalloy	1965
20020048625	Investigation of Fracture in Connection with Hot Deformation Processing of Metals	1965
20020052126	Vapor Deposition of Cobalt-Tungsten Alloys	1965
20020052323	A Study of Hydrogen Embrittlement of Various Alloys	1965
20020059606	Management - Saturn/Apollo Manufacturing Efforts Held in the Society of Automotive Engineers, National Aeronautic and Space, Engineering and Manufacturing Meeting, Los Angeles, CA on October 4-8, 1965	1965
20020062082	Bibliography of Nondestructive Testing Theory and Application for Composites	1965
20050158694	HG3 Liquid Rocket Engine Performance and Interface Data Summary	1965
20050160492	Advanced Orbital Launch Operations (AOLO)	1965
20050165724	Results of the Tenth Saturn I Launch Vehicle Test Flight SA-10	1965
20050165725	Results of the Eighth Saturn I Launch Vehicle Test Flight SA-9	1965
20050165726	Results of the Ninth Saturn I Launch Vehicle Test Flight SA-8	1965
20050167081	Advanced Engineering Program For Integrated System Dynamics	1965
20050167118	Advanced Engineering Program for Thrust Chamber Dynamics	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20050175809	Study of Low Acceleration Space Transportation Systems	1965
20050198855	Delta Range Safety Land Impact Probability Study for the AE-B Spacecraft Mission	1965
20050229163	Explorer XXIII (S-55c) Meteoroid Satellite) Post Launch Report No. 2	1965
20050229335	Communication Satellite Project; Communications Satellite Corporation HS-303 (EARLY BIRD)	1965
20050229354	Early Bird I Post-Launch Report No. 2	1965
20050229852	Launch of Second Experiment in Project FIRE	1965
20050230175	Gemini Flight Number Three (GT-3)	1965
20050230176	Gemini Flight Number Five	1965
20050230182	Gemini Flight Number Four (GT-4) Additional Flight Activities	1965
20050230183	Gemini VII Mission, Post Launch Report No. 1	1965
20050230327	TIROS I (Eye)	1965
20050230328	Project TIROS IX Post Launch Report No. 1	1965
20050232733	Gemini Flight Number Six	1965
20050232734	Gemini VI-A Mission, Post Launch Report No. 1	1965
20050232754	Ranger C Lunar Flight Project	1965
20050232755	Ranger D Lunar Flight Project	1965
20050232764	Pegasus A/SA-9 Saturn I Flight Mission, Post Launch Report No. 1	1965
20050232769	Fifth Atlas/Centaur Development Flight	1965
20050232771	Sixth Atlas/Centaur Development Flight	1965
20050232883	Interplanetary Explorer Project; IMP-C	1965
20050234517	Scout Evaluation Vehicle (SEV) Flight Demonstration	1965
20050234535	Orbiting Geophysical Observatory (OGO) Project	1965
20050234581	Gemini Flight Number Four (GT-4)	1965
20050234585	Apollo Spacecraft Flight Abort Test, Mission A-003	1965
20050234603	IQSY Solar Explorer	1965
20050236235	Apollo Spacecraft Flight Abort Test, Mission A-004	1965
20050236236	Apollo Spacecraft Pad Abort Test, Mission PA-2	1965
20050236487	Project FIRE, Post-Launch Report No. 1	1965
20050236507	Orbiting Solar Observatory (OSO-C)	1965
20050236513	Beacon Explorer-C Project BE-C	1965
20050236514	Geodetic satellite -GEOS A	1965
20050236519	Pegasus B/SA-8 Saturn I Flight Mission	1965
20050236524	Orbiting Solar Observatory (OSO-B2)	1965
20050236526	Pegasus C/SA-10 Saturn I Flight Mission	1965
20050240826	Pioneer A Flight Mission	1965
20050240835	International Satellite, FR-1	1965
20060021543	Macrolaminate Particle Material Development	1965
20060049481	Fabrication of Fansteel 85 Metal Sheet	1965
20060052852	Macrolaminate Particle Material Development	1965
20070030183	Tungsten-Rhenium Alloy Ionizer Development	1965
20080002305	NASA Apollo Progress Report. Bellcomm, Inc. Quarterly Progress Report: April, May, June 1965	1965
20080002310	NASA Apollo Progress Report. Bellcomm, Inc. Quarterly Progress Report: October, November, December 1964	1965
20080002316	NASA Apollo Progress Report. Bellcomm, Inc. Quarterly Progress Report: January, February, March 1965	1965
20080041549	Electrical Power Generation Systems for Space Applications	1965
20080043830	NASA Specifications and Standards. Preliminary Edition	1965
20080047308	Analysis of the Dynamic Systems Response of Some Internal Human Systems	1965
20090005862	Spectral Emissivity Calculations for the Parallel Bands of Carbon Dioxide at 4.3 Microns	1965
20090005993	A Lunar X-Ray Diffraction Experiment	1965
20090006713	Relative Intensity Calculations for Carbon Dioxide	1965
20090006824	Bellcomm, Inc. Quarterly Progress Report: July, August, September 1965	1965
20090006840	The Strain-Free Electro-Optic Effect in Single-Crystal Barium Titanate	1965
20090006924	Launch Vehicle Flight Evaluation Report NASA Mission Gemini/Titan, GT-5	1965
20090006946	Satellite Situation Report, Volume 5, No. 21	1965
20090006948	Gemini VII: Technical Debriefing	1965
20090007550	Fourth Conference on Progress of the X-15 Research Airplane Program: A Compilation of the Papers Presented	1965
20090007754	NASA FACTS: Project Ranger	1965
20090007913	NASA FACTS: Project Ranger (Replaces A-62 and updates Vol. II, No. 6)	1965
20090007930	Gemini 6: Technical Debriefing	1965
20090008522	NASA Facts: TIROS	1965
20090008676	The (V1+V3) Combination Band of Ozone	1965
20090009150	Polymineralic Inclusions in the Odessa Iron Meteorite	1965
20090009252	GT-3 Technical Debriefing (Crew Responses Only)	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20090009258	Gemini Program Mission Report GT-3: Gemini 3. Evaluation and Test Report of Changing from Single-point Suspension to Two-point Suspension	1965
20090009307	Gemini Program Mission Report GT-3: Gemini 3. Evaluation of HF Communication System	1965
20090009997	GT-3 Flight Crew Technical Debriefing	1965
20090011899	Mechanical and Thermal Measurements on Simulated Lunar Surface Materials	1965
20090011900	Calculations of Ultraviolet Molecular Nitrogen Emissions from the Aurora	1965
20090011931	The Evaluation of Certain Astronomical Constants from the Radio Tracking of Mariner II	1965
20090011934	Solar-Wind Measurements near Venus	1965
20090012262	Random Numbers Generated by Linear Recurrence Modulo Two	1965
20090012263	Magnetic Measurements near Venus	1965
20090012264	Detection of Life-Related Compounds on Planetary Surfaces by Gas Chromatography-Mass Spectrometry Techniques	1965
20090012331	Trajectory Design for Ranger and Mariner Missions	1965
20090012487	The Tensile Failure Envelope of Amorphous Elastomers: Effects of Statistical Variability and Crosslink Density	1965
20090012495	Some Unusual Properties of Graft Copolymers and Polyblends of beta-Vinylnaphthalene and Ethylene Oxide	1965
20090013071	Ignition and Combustion of Powdered Metals in the Atmospheres of Venus, Earth, and Mars	1965
20090013766	The Near-Ultraviolet Bands of MgO: Analysis of the D(sup 1)Delta-A(sup 1)II and C(sup 1)Sigma(exp -)-A(sup 1)II Systems	1965
20090029961	Structural Behavior of Composite Materials, No. 8	1965
20090032807	Gemini Program Mission Report GT-2: Gemini 2	1965
20090033941	Blow-in-Door Ejector Nozzle Performance Comparison Between Fixed-Open and Free-Floating Door Configurations	1965
20090033942	Performance of Several Blow-in-Door Ejector Nozzles at Subsonic and Low-Supersonic Speeds	1965
20100003274	Apollo Executives' Meeting Proceedings	1965
20100013952	Microminiature DC Amplifier	1965
20100014750	Geologic Applications of Orbital Photography	1965
20100017020	The CO2 Laser - The State of the Art	1965
20100017338	Optimization of Step Rockets by the Discrete Maximum Principle	1965
20100037246	Stabilization for Differential Systems	1965
20100039473	Evaluation of RTG Systems Reliability and Power Output	1965
20100039605	Evaluation of RTG Systems Reliability and Power Output. Technical Supplement	1965
20100040595	Density of an Exosphere	1965
20100042170	Lunar Orbiter Project. Mission Operations Plan	1965
20110000003	Covering the Procurement of Wide Intermediate Frequency Bandwidth Millimeter Wavelength Radiometers	1965
20110000015	Floor-Type Precision Manipulator for Space Vehicle Welding	1965
20110000472	Theoretical and Experimental Studies of Nuclear Activity and Evolutionary Processes in Stars and Cosmos	1965
20110000486	Geochemical Research on Stony Meteorites and Tektites	1965
20110011312	Major NASA ETR Launchings October 1, 1958 - September 30, 1965	1965
20110020563	Gemini Flight No. 2 (GT-2) Post Launch Report No. 1	1965
20110020720	Project Nimbus 1 - Post Launch Report No. 2	1965
20110020725	Analysis of the LEM Ascent Propulsion System Startup and Shutdown Tests Conducted at the White Sands Test Facility, HA3-A1-003	1965
20110022623	Space Science Educational Media Sources. A Guide for Junior High School Teachers	1965
20110022625	Space Science Educational Media Resources. Final Report	1965
20110022635	Continued Development and Testing of the M-100 Landing Rocket	1965
20110022638	Design Study of an Engine System for Upper Stages of Uprated Saturn	1965
20110022642	Design Study of an Engine System for Upper Stages of Uprated Saturn	1965
20110022652	LEM Utilization Study for Apollo Extension System Missions	1965
20110023069	LEM Utilization Study for Apollo Extension System Missions	1965
20110023100	Nimbus Meteorological Satellite. System Engineering Effort, Progress Report No. 2	1965
20110023172	Advanced Technology Launch Vehicle Component Cost Study	1965
20110024232	Multichamber Engine Investigation	1965
20110024238	Uncoated Nitronium Perchlorate Propellant Development	1965
20110024254	Selonometic and Physical Studies of the Lunar Surface	1965
20110024255	Regional Technology Transfer Program	1965
20110024258	Satellite Situation Report. Space Operations Control Center	1965
20110024263	Basic Investigation Using a 2 Mv Van de Graaff Accelerator for Studies in Atomic Optical Spectroscopy	1965
20110024264	An Exact Stress Analysis of a Rectangular Sheet Bounded by Four Edge Stiffeners and Subjected to Loads and Temperature Gradients	1965
20110024265	Gas Chromatography Techniques for the Determination of Dilute Constituents of Biological Material, Including Consideration of Material Relevant to the Ecology of Astronauts	1965
20110024266	Highly Ionized Spectra of Nitrogen and Oxygen	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20110024268	A Study of Brain Function Through Advanced Computer Techniques for Analysis of Electroencephalographic Data	1965
20110024269	Application of Plasma Dynamics and Statistical Mechanics to Plasma Propulsion	1965
20110024277	Theoretical and Experimental Analysis of the Electromagnetic Scattering and Radiative Properties of Terrain, with Emphasis on Lunar-Like Surfaces	1965
20110024281	Procurement and Development Program for Nickel-Cadmium Cells to Specification S-615-P-2	1965
20110024282	Letter Report on Progress: Investigation of a Systems Development for Cataloging and for Computer Tape Control of Conference and Monographic Literature in the Aerospace Associated Science	1965
20110024288	Summer Course in Environmental and Planetary Sciences	1965
20110024289	Toroidal Systems Analysis Study	1965
20110942646	Gemini 4 Flight	1965
20120000063	NASA's Technology Utilization Program	1965
20120000066	Satellite Situation Report. Space Operations Control Center	1965
20120001465	NASA Facts: Project Syncom	1965
20120003244	Apollo Extension System Earth Orbit Mission Study	1965
20120003273	Membrane Separation	1965
20120011731	SA-5 Saturn Vehicle Data Book	1965
20120013414	Linear Aerodynamic Loads on Cone-Cylinders at Mach Numbers from 0.7 to 2.0	1965
20120014323	Saturn Ground Computer System: Module Data Handbook	1965
20130000076	End Item Test Plan for ACE-S/C-TO-L/V Computer Interface Cabinet Assembly in Launch Complexes 34, 37, and 39	1965
20130009748	Gemini Program	1965
20130013779	The Effect of the Motion of a Strongly Magnetized Plasma on the Emission of Radiation by a Finite Dipole	1965
20130013781	Lunar Excursion Module Ground Support Planning and Requirements List. II. Equipment vs. Site Listing	1965
20130013963	Frothing as an Explanation of the Acceleration Anomalies of Cometary Meteors	1965
20130013965	Mobile Gas Analysis Laboratory Study Report and Specification	1965
20130014027	Apollo Unified S-Band Test Program	1965
20130014101	The Development of Structural Adhesive Systems Suitable for Use with Liquid Oxygen	1965
20130014102	The Development of Structural Adhesive Systems Suitable for Use with Liquid Oxygen	1965
20130014105	S-IV-7 Stage Flight Evaluation Report Model DSV-4	1965
20130014161	Cold Flow Thrust and Pressure Investigations of a Plug Cluster Nozzle using Short-Duration Techniques	1965
20130014162	Low Energy X-Ray Telescope Experiment Test Report	1965
20130014163	High Temperature Measurement of Young's Moduli for Tungsten and Tungsten-Uranium Dioxide Composites	1965
20130014174	Theoretical Effect of Changes in Constituent Opacities on Radiant Heat Transfer in a Vortex-Stabilized Gaseous Nuclear Rocket	1965
20130014394	ACE-S/C Reliability	1965
20130014403	Project Apollo. End Item Specification for Dolly Assembly - Transport: S-IVB (LEM) Adapter (Model H14-173)	1965
20130014420	Project Apollo End Item Specification for Protective Pressurization Unit Assembly Model S14-099	1965
20130014426	Apollo GSE Detail End Item Specification for Purge Monitor and Control Unit Model C14-590	1965
20130014584	Study of Reignitable Solid Propellant Grains Leading to Extinguishable and Restartable Solid Propellant Rocket Motors	1965
20130014626	Delta Range Safety Land Impact Probability Study for the HS 303A (COMSTAT No. 1) Spacecraft Mission. Model No. DSV-3D	1965
20130014627	Improved Delta Pioneer A Mission Orbit Error Analysis	1965
20130014654	Apollo Maintenance Plan	1965
20130014661	Heat Shield Instrumentation: Development and Evaluation	1965
20130014746	Backstreaming from Oil Diffusion Pumps	1965
20130014790	Ground Rules for Miscourse Maneuver Strategy Analysis	1965
20130014811	Results of Failing Load Test of Descent Stage Tank Skirt	1965
20140000014	[Numerical Residual Perturbation Solutions Applied to the Problem of a Close Satellite of the Smaller Body in the Restricted Three-body Problem]	1965
20140000143	Program of Policy Studies in Science and Technology	1965
20140000193	Report on the Space Technology Institute at the University of California, Los Angeles	1965
20140000194	Cryogenic Data Center	1965
20140000195	Failure Mechanisms and Statistical Aspect of Metal Fatigue	1965
20140000370	Test Assemblies, Digital Command Design Control Specification for LSP-410-32100A	1965
20140002103	Radiation-Induced Conversion of Liquid Hydrogen	1965
20140002106	Comments on "Vibrational Characteristics of Thin-Wall Conical Frustrum Shells". Reply by Authors to W. C. L. Hu	1965
20140002940	"Static Float" Liquid Level Device	1965
20140003023	Simple Technique Determines AC Properties of Hard Superconductive Materials	1965
20140003032	Device to Relieve Load	1965
20140003038	An Improved Cryogenic Refrigerator	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140003053	Non-Destructive Test Technique for Determining Fiber Content in Electrically Conducting Composites	1965
20140003060	"Static Float" Liquid Level Device	1965
20140003122	Improved Etchant for Printed Circuits	1965
20140003245	Isostatic Pressing of Poly (Aromatics)	1965
20140003247	Voltage Multiplier Module, Small Hi-Reliability	1965
20140003306	Terminal Equipped for both 16-Gauge and 19-Gauge Cable Pairs	1965
20140003313	Electrolyte Spill Protector	1965
20140003314	A Coaxial Low Input Voltage Converter	1965
20140003421	Submillimeter Broadband Power Measuring Detector	1965
20140003438	Method for Application of Dry Electrodes	1965
20140003440	An Arbitrary Sequence Generator	1965
20140003441	Impervious Plating on Halogenated Polymers	1965
20140003454	Single Gun Colored Television Tube	1965
20140003455	Low Loss "C" Band Parasitic Probe	1965
20140003456	Automation of Neutron Activation Analysis	1965
20140003473	Design Data for the Optimization of Megawatt Arc Heating	1965
20140003475	High-Temperature Magnetic Material	1965
20140003488	Thermoplastic Rubber	1965
20140003492	Technique of (Closed Loop) Modeling to Eliminate Parameter Errors Introduced by Random Signals	1965
20140003493	Technique of Iterative Model Matching using an Exact Formulation of Parameter Influence Coefficients	1965
20140003565	Linear Variable Time Delay Line	1965
20140003568	High Temperature Quartz Cloth Reflector	1965
20140003616	Approximate Method of Online Model Matching Involving Cross-Coupling	1965
20140003622	Exact Method of Identifying Human Operator Cross-Coupling Coefficients by Spectral Analysis	1965
20140003623	Detection of Degenerate Cases of Parameter Identification	1965
20140003624	Analytical Technique of Defining the Relative Sensitivity of the Operator Output with Respect to Various Parameters	1965
20140003637	4 Channel-Track Connector	1965
20140003638	Optical Reflector or Refractor	1965
20140003639	Guarded Joint Low Loss Feed-Thru	1965
20140003674	Drift-Field Semiconductor Solar Cells	1965
20140003682	Rack Mount Device Quickly Inserts or Extracts Chassis Units	1965
20140003816	Rectilinear Accelerometer Possesses Self-Calibration Feature	1965
20140003868	Electrodeposition Utilizing Thin Film Electrolytes	1965
20140003905	Three Phase Separator	1965
20140003913	Carbon Dioxide Sensor	1965
20140003916	Tap Wrench Guide	1965
20140004038	Constant Current Device	1965
20140004059	VHF/UHF Parasitic Probe Antenna	1965
20140004091	Approximate Determination of Human Operator Time Delay Constant	1965
20140004099	Automatic-Mechanical-Cryogenic Liquid Level Controller	1965
20140004100	Tungsten Insulated Susceptor Cup Unit for High Temperature (5000 deg.) Induction Furnaces	1965
20140004108	Calibrated Pressure Clamps	1965
20140004110	Line Tension Measuring Device	1965
20140004116	Superconducting Magnetic Bottles	1965
20140004124	Hand Control for Welding Torch	1965
20140004148	Computer Program K019, Shield Thickness Calculation	1965
20140004150	Use of Fluidic Oscillator as a Humidity Sensor	1965
20140004295	Vacuum Test Fixture	1965
20140004324	High Sensitivity Solid State Light Detector	1965
20140004436	Inductanceless Filter Amplifier	1965
20140004512	A Fast-Acting Calorimeter	1965
20140004513	Control Apparatus for Spectral Energy Source	1965
20140004595	Integrated Metal Transistors Leads	1965
20140004608	Scanning Solar Aspect Sensor	1965
20140004647	Fixed Frequency Electronic Phase Shifter	1965
20140004749	Rigid Foam Evaluated for Space Applications	1965
20140004750	1X 10(exp-12) Torr Capability Combining Titanium Sublimation and Molecular Drag Techniques	1965
20140004775	Binary Coded Decimal (BCD) Decoder	1965
20140004790	Atmospheric Particle Analyzer	1965
20140004793	Precision C W Power Calibrations with Noise Standards	1965
20140004840	Solid State Zero Bias Bilateral Switch	1965
20140004841	Monostable Multivibrator with Spurious Triggering Protection Using Single Supply Voltage	1965
20140004861	Parallel Plate Viscometer	1965
20140004862	Hybrid Solid State Switch	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004863	New Liquid Monopropellants	1965
20140004865	Phase Stable Frequency Doubler	1965
20140004866	Electroless Nickel Plating on Stainless Steel and Aluminum	1965
20140004872	Flow Switch	1965
20140004873	Multiple Channel Accelerometer Scanner	1965
20140004876	Vibration Monitoring System	1965
20140004942	Magnetic Bearings	1965
20140004944	Incremental Motion Drive System	1965
20140004946	Quick Method of Leveling Heavy Machinery	1965
20140005003	MIC Astable Multivibrator, Sure Starting Triggerable	1965
20140005004	Voltage, Regulator, Switching Mode, High Efficiency	1965
20140005038	Cross-Spectral Analysis of Stationary Time Series	1965
20140005039	Multispec-Multi-Dimensional Spectral Analysis	1965
20140005068	Variable Frequency Nuclear Magnetic Resonance Spectrometer	1965
20140005099	A Capacitive Accelerometer-Telemetry Unit	1965
20140005114	Reducing Capacitances on MOS Structures for High Frequency Performance	1965
20140005115	Fastener Distributes Stress Evenly from Sandwich Panel Hung Items	1965
20140005121	Method and Apparatus for Data Rate Detection	1965
20140005151	Antenna Simulator for Phase, Amplitude and Phase-Amplitude	1965
20140005152	Procedure for Introducing Selected Impurities into Solar Cells	1965
20140005155	Study of the Dyanmics Systems Response of Human Systems	1965
20140005156	Improved Nuclear Magnetic Resonance Spectrometer	1965
20140005157	A Novel Current Steering Commutator	1965
20140005160	Electronic Paper Chromatograph	1965
20140005161	Computer Code for Determining the Transient Behavior of Optimum Inventories	1965
20140005162	NPREC-Double Precision Arithmetic for FORTAN	1965
20140005165	Electrical Discharge Bypass Means	1965
20140005198	Manifold Analytical Surface Definition Program	1965
20140005311	Variable Reference Throttle	1965
20140005355	Metal Oxide Semiconductor Transistor Protector	1965
20140005356	Ionization Pressure Gauge is Small and Acurate	1965
20140005357	Assembly Jig Assures Reliable Solar Cell Modules	1965
20140005359	Incremental Fluid Flow Control Device	1965
20140005366	Amplifier Bias Network for Use in A Direct Coupled Bridge Amplifier	1965
20140005367	MOS FET Gate with overvoltage protection	1965
20140005382	Tube Light	1965
20140005383	Process for Tensile Testing	1965
20140005384	Means of Enhancing Reactivity of Hydrogen-Oxygen Catalysts	1965
20140005438	Emergency Escape System Using Self-Braking Mechanism on Fixed Cable	1965
20140005451	Flow Angle Sensor and Read Out System	1965
20140005505	Damped Accelerometer	1965
20140005506	Etching Process for Surface Treatment of Metals	1965
20140005517	Insulation System Capable of Conforming to Complex Curvatures	1965
20140005518	Leak Detection Technique Capacitive System	1965
20140005519	Flanged Type Fitting with Increased Reliability	1965
20140005520	Engine Heating/Lighting Fixture for Use in Altitude Chamber	1965
20140005521	Hydrostatic Test Plug	1965
20140005526	Single Connector Provides Safety Fuses for Multiple Lines	1965
20140005527	Retractable Center Screwlock for Blind Connections	1965
20140005532	Stability Derivatives of a Wind Tunnel Test Model	1965
20140005533	Sampling Probe to Study Rocket Exhaust Components	1965
20140005534	Cryogenic-Bleed Valve	1965
20140005535	Protective Coating Withstands High Temperatures	1965
20140005536	Reaction Heat Used in Static Water Removal from Fuel Cells	1965
20140005537	Electron Beam Seals Outer Surfaces of Porous Bodies	1965
20140005538	Fluid Displacing Apparatus	1965
20140005539	Tube Union Removal	1965
20140005540	Template Guide	1965
20140005541	New Detector in Used in Gas Chromatography	1965
20140005542	Exacting Tolerance Obtainable from PH14-8 Mo Alloy Steel	1965
20140005568	Computer Circuit Computes Cardiac Output	1965
20140005598	Template Guide	1965
20140005602	Saturn V Computer Memory Packaging	1965
20140005618	Elastic Guide for Belleville Spring	1965
20140005717	Permanent Vise Adapter for Power Cutoff Saw	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140005735	Flow Controller Mass Flow Corrective Device for Fluids with Temperature-Variable Densities	1965
20140005742	Radiation Energy Conversion System for Electric Power	1965
20140005744	Free and Forced Vibrations of Cantilever Beams with Viscous Damping	1965
20140005890	Humidor for Leroy Pens	1965
20140005892	Current Detector	1965
20140005893	Gray Scale to Aid Black-and-White Photography of Color Art	1965
20140005899	Dimetric Scale for Axonometric Projection	1965
20140005905	Coaxial Cable Identification Technique	1965
20140005906	Automatic Start, Transfer & Stop System	1965
20140005909	Wire Harness Comb	1965
20140005915	Three-Dimensional Wire Harness Fabrication	1965
20140005917	Dam by Use of Hypo	1965
20140005918	Masking Tape Removal Assist "Rip-Cord"	1965
20140005919	Identifiable Fiberglass Lacing	1965
20140005920	Protective Storage Container and Seal	1965
20140005921	Welding Heat Exchanger to Thrust Chamber	1965
20140005949	Drill Press Special Tool for Turning Steps	1965
20150009363	Dry Heat Resistance Studies of Selected Bacterial Spore Crops	1965
20150009547	Temperature Resistant Silver-Zinc Multiplate Batteries	1965
20150009719	Spacecraft Sterilization and the Prevention of Planetary Contamination	1965
20150009721	Spacecraft Sterilization - A New Engineering and Sanitation Technology	1965
20150009723	An Investigation of a Sono-Chemical Approach in Sterilization Problems	1965
20150009803	Evaluation of the Efficiency and Reliability of Filters to Sterilize Liquids and Gases	1965
20150009909	High Energy Density Silver-Zinc and Silver-Cadmium Developmental Cells	1965
20150009993	Problems of Spacecraft Materials Selection and Toxicological Evaluation	1965
20150009994	Dry-Heat Sterilization for Planetary-Impacting Spacecraft	1965
20150010035	Microbiological Sampling Studies at Hughes Aircraft Company	1965
20150010049	Potential Hazards of Back Contamination from the Planets	1965
20150010068	Services Provided in Support of the Planetary Quarantine Requirements	1965
20150010089	Studies on Trace Elements in the Sporulation of Bacteria and the Germination of Bacterial Spores	1965
20150010264	Recovery of Coccidioides Immitis from the Air	1965
20150010278	Services Provided in Support of the Planetary Quarantine Requirements of the National Aeronautics and Space Administration	1965
20150010285	NASA Requirements for the Sterilization of Spacecraft	1965
20150010291	An Ultrasonic Technique for the Inactivation of Biological Waste	1965
20150010295	Microbial Survival in Propellants Before and After Rocket Firings	1965
20150010296	Spacecraft Sterilization, Techniques and Equipment	1965
20150010303	Space Science Board Conference on Hazard of Planetary Contamination due to Microbiological Contamination in the Interior of Spacecraft Components	1965
20150010304	Detection and Quantitation of Microbial Contamination to which Spacecraft Components are Subjected During Manufacture	1965
20150010443	Sterilization and Quarantine Parameters for Consideration During the Design of Planetary Vehicles	1965
20150010444	Manufacturing and Handling Procedures for Planetary Spacecraft to Be Sterilized by Heating	1965
20150010445	Design Criteria for Typical Planetary Spacecraft to be Sterilized by Heating	1965
20150010464	American Association for Contamination Control: Rocky Mountain Chapter	1965
20150010465	Repair of Thermal Injury of Staphylococcus Aureus MF 31	1965
20150010483	A Report on Microbial Contaminants in Solid Propellant	1965
20150010512	The Search for Extraterrestrial Life	1965
20150010514	Microbiological Contamination Control	1965
20150010522	Determination and Microbial Survival of Cryogenic Whole Air Sampling Conditions: Quantitative Survival Data	1965
20150010559	Sterilization Facility Concepts	1965
20150010570	Chemical Studies on the Origin of Life and Criteria for Detection of Extraterrestrial Life	1965
20150010581	Voyager: Encompassing Spacecraft to Orbit and Land Capsules on Mars, the Voyager Program Represents the Intent to Accelerate the Pace of Planetary Exploration	1965
20150010615	The Objectives and Technology of Spacecraft Sterilization	1965
20150010620	Quarterly Status Report June 1, 1965 to August 31, 1965	1965
20150010645	Survival and Growth of Potential Microbial Contaminants in Severe Environments	1965
20150010650	Heat Sterilization of Activate Carbon	1965
20150010651	Probability of Biological Contamination of Mars	1965
20150010667	Effect of Ionizing Radiation on Pasteurella Tularensis	1965
20150011242	GATV Technical Review for GTA-6 Mission	1965
20150011264	Automatic Recording McLeod Gauge	1965
20150011265	The Water Molecule in Biological Systems	1965
20150011268	Entry Technology-1964	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150011271	Asymptotic Cones of Acceptance of Cosmic Ray Neutron Monitors in a Geomagnetic Field Distorted by the Solar Wind	1965
20150011273	Control of Fatty Acid Synthesis in Saccharomyces Cerevisiae Extracts	1965
20150011274	Variable-Potential Image Intensification in the Field-Ion Microscope	1965
20150011275	Comparison of Stability Data Obtained in Free-Flight and Steady-State Facilities	1965
20150011276	Absolute Calibration and Use of a Soft X-Ray Source of Characteristic Carbon Radiation	1965
20150011277	Analysis of Stress-Strain Behavior of Tungsten-Fiber-Reinforced Copper Composites	1965
20150011785	The Effects of High Luminance Sources Upon the Visibility of Point Sources	1965
20150011790	Isolation and Characterization of Bacteriochlorophyll Components from Rhodospirillum Rubrum	1965
20150011844	Remarks on Professor Lederberg's Paper	1965
20150012625	Apollo GSE End Item Specification for Module Leak Test Unit Model S14-079	1965
20150012734	Single Point Failure Analysis	1965
20150012735	Apollo Reliability	1965
20150012736	A Study of the Neutralization and Suppression of Toxic Propellants	1965
20150012740	Ground Support Equipment End Item Specification for Support Fixture Assembly C/M Fwd - Heat Shield Model H14-116	1965
20150012741	Project Apollo GSE End Item Specification for Transport Cover Assembly - S/C Model A14-012	1965
20150012742	End Item Specification for Handling Set-Command Module Equipment: Model H14-019	1965
20150012743	GSE End Item Specification for Stand Assembly Spacecraft, Integrated System Test: Project Apollo, (Model H14-124)	1965
20150012754	A Study of the Behavior of Lunar Accessibility Over Extended Time Periods	1965
20150012811	Saturn Display Set Instruction Manual	1965
20150012839	Results of Hartmann Tests on the Objective Lens of the 16-Inch Refractor at Ricard Observatory	1965
20150012916	Apollo GSE End Item Specification for Modulation System - Pulse Code, Carry-On Model C14-210	1965
20150012972	NASA Support Manual. Flight Director's Manual	1965
20150013044	Platform, Emergency Egress Environmental Chamber "B" Design Control Specification for	1965
20150013076	Apollo GSE End Item Specification for Antenna Checkout Set Model C14-032 (-201 Configuration)	1965
20150013078	Apollo GSE End Item Specification for Module Leak Test Unit Model S14-079	1965
20150013079	Apollo Project GSE End Item Specification for the Reaction Control System Oxidizer Servicing Unit (Model S14-057)	1965
20150013080	Ground Support Equipment End Item Specification for Water Glycol Service Unit Model S14-054	1965
20150013081	Apollo GSE Modification Kit Specification for Test Unit, Special, Cryogenic Oxygen Servicing Model C14-615	1965
20150013082	Apollo GSE End Item Specification for Junction Box Assembly - Electrical, High Bay Area Model C14-562	1965
20150013083	GSE End Item Specification for Positioning Trailer Narrow Base Model H14-052	1965
20150013085	Apollo GSE End Item Specification for Console Assembly - Servicing Equipment Spacecraft Adapter Model C14-240 (-301 Configuration)	1965
20150013086	Apollo GSE Detail End Item Specification for Fluid Distribution System Model S14-041	1965
20150013087	Project Apollo End Item Specification for the Disconnect Set - Assembly, Umbilical (Model A14-172)	1965
20150013108	Apollo Monthly Progress Report	1965
20150013116	Project Apollo End Item Specification for Cap and Plug Set Assembly Model A14-026 (Configuration-111)	1965
20150013117	GSE End Item Specification for Fuel and Oxidizer Tank Sling Model H14-060	1965
20150013127	A Monitor System Under IBSYS for the IBM 7090/7094	1965
20150013209	Technical Description of LEM Landing Radar Abbreviated Test Set	1965
20150013212	Trip Report - AF/NASA Cooperation on Solar Patrol-Flare Warning Systems, May 18, 1965 - Case 211	1965
20150013215	Proposal for an Improved Discrete Output Signal Subsystem for the Saturn V Checkout and Launch Control System - Case 140	1965
20150013216	Trip Report - Twelfth Quarterly Review, S-I and S-IB Stage, Michoud, Louisiana, June 30, 1965 - Case 130	1965
20150013249	Interim Report for AES Flight Mission Assignment Plan: Part VI - Earth Orbital Mission Objectives and Rationale	1965
20150013254	Mission Control Center - Houston Acceptance Plan Review Final Technical Report	1965
20150013274	Dynamic Interaction Analysis and Computer Model Lem Reaction Control Propulsion System Volume II	1965
20150013302	Results of LEM Ascent Stage Sealant Program	1965
20150013304	Apollo GSE Modification Kit End Item Specification for Test Set - Pressure Distribution, Environmental Control System Model A14-034	1965
20150013333	Interstage Separation Simulator Handbook	1965
20150013359	Summary of Apollo Interface Activity Case 201	1965
20150013366	Plug and Support Kit Ascent Stage Engine Design Control Specification	1965
20150013391	LEM Documentation List Supplement	1965
20150013410	Adapter Unit, Simulation, Design Control Specification	1965
20150013414	Cover, Protective, Landing Radar Antenna Design Control Specification	1965
20150013478	Final Documentation of Post Launch Processor Programs SA-8	1965
20150013479	Bridge Type Strain Gauge Pressure Transducer Systems Calibration and Checkout Procedure	1965
20150013480	Final Documentation of Flight Control System Programs SA-8	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013487	Computation of Loop Velocity and Loop Frequency	1965
20150013488	Metallurgical Investigation of Cracked Bulkhead 60B18826-1	1965
20150013490	Evaluation of Engine Cutoff LOx Pressure Sensor and Related Assemblies	1965
20150013491	Residual Stress Measurements on Thrust Structure Panels	1965
20150013543	Procedures for Helicopter Transportation of the Spacecraft Lunar Excursion Module (LEM) Adapter	1965
20150013545	Monthly Progress Report Apollo Unified S-Band Test Program	1965
20150013553	Data Report on Zero and Lunar Gravity Flights in the KC-135 Aircraft Mobility in Cockpit/Cabin	1965
20150013554	Interim Report for AES Flight Mission Assignment Plan - Part V: Lunar Mission Objectives and Rationale	1965
20150013559	Environmental Effects Evaluation (STEM) Project Apollo	1965
20150013561	Project Apollo - Communications Processor - Analysis of Storage Function for Data Flow to the MOC/DSC Appendix A - Case 20061	1965
20150013568	NASA/GAEC Apollo Spacecraft Manufacturing Technology Review	1965
20150013569	A Simplified Derivation of Hamilton's Equations	1965
20150013623	Preliminary Definition of Saturn Instrument Unit and S-IVB Support Capabilities for Extended Apollo Earth-Orbit Experiments	1965
20150013630	Metallurgical Analysis of Upper Gimbal Joint Assembly Failures - SK 60B13300	1965
20150013631	Effect of Hammer Peening on 2219 Aluminum Weldments	1965
20150013632	Investigation of Bottle Support Failure P/N 60B19846	1965
20150013633	Metallurgical Analysis of Bushing Attach Fitting Failure	1965
20150013635	Study of Hovair Application for Saturn V Lut and Flame Deflector Transporters - Part 1 Progress Report	1965
20150013638	Evaluation of LOX Compatible Penetrant ZL 46	1965
20150013639	A Study of Corroded Motherboard, Single Sideband Assembly, 50M03349-1	1965
20150013640	Investigation of X-Ray Indications of Unknown Origin "Enigmas"	1965
20150013642	Inspection of Gore-Fitting Weld	1965
20150013656	Metallurgical Analysis of Stage Attachment Fitting Bearing, AB48-9L	1965
20150013657	Failure Analysis of Thrust Structure Bolt BAC-B30CW22-72	1965
20150013658	Effect of Non Standard Aging Cycle on the Stress Corrosion Properties of 2219-T352 Forging	1965
20150013660	Metallurgical Analysis of Failure of NAS 1022 Nut, Self-Locking, Hexagonal, Shear, 250F, 450F, 800F	1965
20150013661	Failure Analysis of Bulkhead Bracket 60B19747-1	1965
20150013663	Metallurgical Analysis of Actuator Insulation Foil Test Failure - Inconel 600	1965
20150013664	Metallurgical Failure Analysis of Roller Cam Upper Interconnect LOX SK 60B41241	1965
20150013665	Metallurgical Failure Analysis of Slexible Metal Tubing Gimbal Joint External 4 1/2 GOX (Flexonics)	1965
20150013666	Metallurgical Analysis of Failure of Reynolds Five Inch Thich 2219-T81 Y-Ring Plate	1965
20150013705	Apollo GSE End Item Specification for Set-Crew Hatch Protector and Seal Model A14-133 (-101 Configuration)	1965
20150013851	Nerva 2 Class Nuclear Stage (Module) Development Using Saturn V/S-IC Hardware and Facilities - Cost Plan	1965
20150013889	Gemini/GT-4 Mission Support Requirements Volume IV - Recovery	1965
20150013890	Gemini/GT-4 Mission Support Requirements: Volume III - Facilities, Materials and Services	1965
20150013891	Gemini/GT-4 Mission Support Requirements Volume VI - Medical	1965
20150013892	Gemini/GT-4 Mission Support Requirements Volume V - Meteorological	1965
20150013917	Mission Support Requirements: Gemini/GT-4, Volume 1 General Information	1965
20150014081	Apollo Documentation List	1965
20150014229	Biomedical Monitoring Assembly Design Control Specification	1965
20150014412	Thermal Vacuum Tests of Prototype Radiator Panels - Apollo Block II ECS Radiator Program	1965
20150014433	Gemini Ride-It-Out Modes, An Exploratory Study	1965
20150014516	Acceleration of Trapped Particles During a Magnetic Storm on 18 April, 1965	1965
20150015108	Detailed Test Objectives Delta Vehicle Spacecraft: HS 303A (Comsat Number 1)	1965
20150015161	Results of a Low Speed Investigation of the Program 680A 20 Percent Scale SV-5P Vehicle in the University of Maryland Wind Tunnel - Ninth Series	1965
20150015553	Gemini Operations Handbook	1965
20150015555	Gemini GT-5 MSR Volume IV - Recovery	1965
20150015558	Gemini GT-4 MSR Volume VII - Public Affairs Services	1965
20150015565	Project Gemini - Flight Readiness Review Report	1965
20150015651	Gemini GT-4 Mission Support Requirements	1965
20150015702	Automated Nose Fairing Design Ring, Skin and Stringer Construction	1965
20150015817	National Bureau of Standards Eighteenth Progress Report	1965
20150015882	Surveyor Program Support Plan 3400	1965
20150015903	Gemini Agenda Target Vehicle 5002 Systems Test Evaluation (45 Day Report)	1965
20150016053	Analytical Study of the Performance Characteristics of Vortex-Stabilized Gaseous Nuclear Rocket Engines	1965
20150016213	Lunar Excursion Module Familiarization Manual	1965
20150016621	Titan III/MOL Compatibility Requirements Program Plan	1965
20150016622	A Study for the Development of Procedures for Isolation of Chemoautotrophic and Related Microorganisms and the Characterization of Such Microorganisms or Agents from Corroded Metals	1965
20150017595	Relating Specifications, Procedures and Design for an Optimum Environmental Program	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150018545	Flammability in Zero Gravity	1965
20150018814	Investigation of the Dynamic Characteristics of a V Antenna for the RAE Satellite	1965
20150018985	ASSET AEV-1 Flight Test Report	1965
20150021329	Understand Your Braking Capability	1965
20150021360	Gemini Spacecraft Number 6: Performance/Configuration Specification	1965
20150021935	Twelfth Semiannual Report to Congress	1965
20150021936	Eleventh Semiannual Report to Congress	1965
20160000884	Reliability Assessment Guide for Apollo Suppliers	1965
20160000896	Inhibition of the Combustion of Liquid and Gaseous Fuels by Finely Divided Inorganic Salts: a Literature Review	1965
20160000914	Airborne Infrared Mapping of Forest Fires	1965
20160001092	Excerpts of Federal Regulations Pertinent to Contamination Control for Lunar Sample Return Missions	1965
20160001941	Absolute Intensity Measurements in the Extreme Ultraviolet: Ionization Chamber vs. Thermopile	1965
20160001942	Stiffness, Damping and Creep Properties of a Polyurethane Foam Including the Effects of Temperature and Humidity	1965
20160001943	Power Spectral Measurements of Clear Air Turbulence Associated With Jet Streams	1965
20160001944	On the Interaction of the Transmitted Shock With the Boundary Layer in a Shock Tube Using Argon as Test Gas	1965
20160001952	[Development and Design of a Detector for Low Energy Positive Ions]	1965
20160001971	Study of Equilibrium Air Total Radiation	1965
20160001979	Ionospheric Plasma Study	1965
20160001980	A Theoretical and Experimental Study of the Ionosphere Using Radio Signals from Earth Satellites	1965
20160001982	Phonon-Electron Spin Interactions in Paramagnetic Salts	1965
20160001987	Oak Ridge National Laboratory Status and Progress Report	1965
20160001990	DC States of Plasma Diodes	1965
20160001993	Development of Improved Polymeric Materials for Cryogenic Propellant Tank Liners and Expulsion Bladders	1965
20160001994	Wave Functions and Transition Probabilities for Light Atoms and Highly Ionized Ions.	1965
20160001995	Neurophysiological and Behavioral Studies of Chimpanzees. Including Establishment of a Group of Implanted Animals Suitable for Space Flight	1965
20160001999	Development of a Rocket-Borne, Cryogenic Air Sampler and Its Application to Upper Atmosphere Aerosol and Trace Gas Research	1965
20160002001	Improved Coatings for Glass Monofilaments	1965
20160002002	General Studies of Large Optical Telescope Systems for Manned Space Systems	1965
20160002010	Optical Radar Using a Corner Reflector on the Moon	1965
20160002022	[Status Report for NASA Grant Sc-NsG-113-61/33-18-004]	1965
20160002023	MRIR/PCM Ground Station	1965
20160002024	Survey/Study of the Interconnection Problem in Microelectronics	1965
20160002025	Survey/Study of the Interconnection Problem in Microelectronics	1965
20160002029	Interplanetary Monitoring Program (IMP)	1965
20160002030	Feasibility Studies of Promising Stability and Gravity (Including Zero-G) Experiments for Manned Orbiting Missions	1965
20160002031	Helium Geocorona Measurements Program: Rocket Experiment	1965
20160002032	Nonlinear Process Identification Using Pattern Recognition	1965
20160002113	Antenna Noise Temperature Study by Computer	1965
20160002114	Spacecraft Endless Loop Recorder	1965
20160002117	Technology Use Studies Center	1965
20160002118	Geophysical Institute of the University of Alaska Status Report: [Geomagnetic Storms]	1965
20160002119	[Exploring More Sensitive Techniques for the Analyses of Purine and Pyrimidine Bases in Sediments]	1965
20160002121	Cavitation Hysteresis	1965
20160002122	Design and Development of an Electronic Photofacsimile Recorder	1965
20160002124	Stagnation-Point Solutions for an Inviscid, Radiating Shock Layer	1965
20160002125	Development Of A Prototype Plastic Space Erectable Satellite	1965
20160002126	Normal Stochastic Processes and their Sample Function Properties	1965
20160002127	Line Integrals, Surface Integrals, Volumes, Centroids, and Moments of Inertia of a Class of Shells of Revolution and for a Larger Class of Shells	1965
20160002129	SINS Project: Stellar Interiors and Nuclear Synthesis	1965
20160002132	[Controls Governing Dynamical Systems]	1965
20160002135	Investigation of Optimum Flight Performance Using the Calculus of Variations	1965
20160002137	Design Improvements in Liners for Glass-Fiber Filament-Wound Tanks to Contain Cryogenic Fluids	1965
20160002141	Plasmas and Space Physics	1965
20160002157	Collection of Meteoritic Dust Particles During Gemini Flight, Subsequent Analyses of Same and Comparison with Suspected Meteoritic Dust Collected at and Below the Surface of the Earth	1965
20160002185	Microwave Magnetoelastic Effect in Thin Films	1965
20160002186	Radiation Shields: Multi-Layer Insulation Thermal Conductivity Tests	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160002187	Radiative Lifetimes of UV Multiplets in Boron, Carbon a Nitrogen	1965
20160002188	Reactor Development	1965
20160002189	Research in Electrohydrodynamics and Wave-Type Magnetohydrodynamic A-C Power Generation	1965
20160002190	Report of the NAS-NRC Committee on Hearing, Bioacoustics, and Biomechanics Division of Behavioral Sciences	1965
20160002193	Electron Scattering Data Analysis	1965
20160002195	[Advanced Studies on Multi-Layer Insulation Systems]	1965
20160002196	[High Altitude Payload Systems Engineering]	1965
20160002197	Design Improvements in Liners for Glass-Fiber Filament-Wound Tanks to Contain Cryogenic Fluids	1965
20160002198	Atlas/Centaur Launch Vehicle Study	1965
20160002199	Space Programs	1965
20160002200	Saturn IB/V Launch Vehicle Digital Computer and Data Adapter Flight Model Program	1965
20160002201	Vibration of Sandwich Panels in a Vacuum	1965
20160002202	[Research on Propellant Quenching]	1965
20160002204	A Study of the Suppression of Combustion Oscillations with Mechanical Damping Devices	1965
20160002205	Paleobiochemistry of Amino Acids and Polypeptides	1965
20160002206	A Unique Suspension System for Longitudinal Vibration Testing of Large Launch Vehicles	1965
20160002208	Nonlinear Aspects of Combustion Instability in Liquid Propellant Rocket Motors	1965
20160002209	Primitive Earth Synthesis of Amino Acids and Polypeptides	1965
20160002210	Polarized Radar Imagery: A New Tool for the Geoscientist	1965
20160002259	High Temperature Turbine Component Development for USAAVLABS Small Gas Turbine Engine Program	1965
20160002261	Maxwellization of Electrons in a Low-Voltage, Atmospheric Pressure Discharge in Seeded Argon	1965
20160002262	Pressure Survey Analysis for STAFF Flight No. 4	1965
20160002264	Innovation, Information and Organization: Studies of the Transfer of Technology	1965
20160002265	Physics of Planetary Atmospheres V: The Ionization Potential of Oxygen	1965
20160002268	Space Programs	1965
20160002270	Enstatite from Enstatite Achondrites	1965
20160002275	Occurrence of the Amp Inhibition of Carbon Dioxide Fixation in Photosynthetic and Chemosynthetic Autotrophs	1965
20160002276	Proposed Research Including Brief Summary of Progress	1965
20160002278	A Double Perturbation Treatment of the Ground State of the Hydrogen Molecule	1965
20160002279	Final Report Task 20 - Amendment 1	1965
20160002280	Trip Report - F-1 Program Review	1965
20160002281	Technological Progressiveness of the Aerospace Industry	1965
20160002286	Design and Development of an Electronic Photofacsimile Recorder	1965
20160002287	Hypervelocity Impact Effects on Liquid Hydrogen Tanks	1965
20160002288	An X-Ray Telescope for an Orbiting Solar Observatory	1965
20160002289	[Research on Reactor Development and Physical Research]	1965
20160002290	[Orbit and Attitude Control Studies]	1965
20160002291	Investigation of the Critical Kinetics of an Advanced High Energy Propellant System	1965
20160002292	Design, Development, and Manufacture of Ball Bearing Test Device Utilizing Segmented, Sealed Brushless DC Motor	1965
20160002294	Literature Review: Technical Documents in the Army Information Center	1965
20160002296	Study of Reignitable Solid Propellant Grains Leading to Extinguishable and Restartable Solid Propellant Rocket Motors	1965
20160002301	Paleobiochemistry of Amino Acids and Polypeptides	1965
20160002302	Photometric Remote Sensing Geological Surveys	1965
20160002303	[Semi-Annual Status Report for Period August 1, 1964 - January 31, 1965]	1965
20160002304	Development of a Prototype Plastic Space Erectable Satellite	1965
20160002306	Development of an Accurate Wide Range Ultra High Vacuum Gauge Calibration Method	1965
20160002308	Ion Rocket System Research and Development	1965
20160002310	[An Investigation of the Acoustic Performance of a Concentric Convergent Turbojet Engine Exhaust Nozzle Noise Suppressor]	1965
20160002311	[Statistics of Abstracting and Computer Processing of Index Data]	1965
20160002312	Policy Studies of Interest to the Government Industry University Community	1965
20160002313	Primitive Earth Synthesis of Amino Acids and Polypeptides	1965
20160002315	Development of Thermal Protection System for a Cryogenic Spacecraft Module	1965
20160002316	Design Criteria Monograph on Booster and Spacecraft Structure Fatigue	1965
20160002317	Design and Development of an Electronic Photofacsimile Recorder	1965
20160002318	The Dynamic of Solid Propellant Rocket Motors	1965
20160002320	Radar Sensing for Geoscience Purposes	1965
20160002321	Submillimeter Satellite Radiometer	1965
20160002322	NASA Industrial Applications Program	1965
20160002324	Design, Fabricate, and Test Breadboard Liquid Hydrogen Pump	1965
20160002326	Project Spin: Precision Cryogenic Gyro	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160002327	The NASA Electronics Research Center -- It's Mission and Impact	1965
20160002328	Technology Use Studies Center	1965
20160002329	[Quarterly Status Report for Period November 1, 1964 - February 1, 1965]	1965
20160002330	Development of Improved Coatings for Glass Monofilaments	1965
20160002331	Development of Thermal Protection System for a Cryogenic Spacecraft Module	1965
20160002333	[Ranger 3 and 5 Data]	1965
20160002334	[Spherical Particles Accelerating in an Incompressible Continuum Fluid]	1965
20160002335	Reentry Radiation and Air Flow	1965
20160002336	[Research on Cosmic Spherules, Cosmic Dust, Flash Vaporization, and Meteorites]	1965
20160002338	Meteoroid-Bumper Interaction Studies	1965
20160002352	US/FRG Advanced V/STOL Tactical Fighter Design Study	1965
20160002838	[The Wave Function of the Negative Hydrogenion]	1965
20160002846	An Algorithm for Certain Double Sums of Polynomial Series	1965
20160002855	Fracture of Metals During Deformation Processing Under Conditions of Hot Working	1965
20160002861	Investigation of Low Frequency Dynamic Viscoelastic Properties of Aqueous Polyethylene Oxide Solutions	1965
20160002870	Muffle - A Code for the Multilevel Analysis of Neutron Cross Sections	1965
20160002883	Preston Tube Measurements in Turbulent Boundary Layers and Fully-Developed Pipe Flow	1965
20160002884	Two-Dimensional Normal Fences on a Flat Plate	1965
20160002885	The Socialization of Managers: The Effects of Expectations on Performance	1965
20160002895	Program 624A Discrete List for Flight Plan VIII A (Change No. VIII A-D-3)	1965
20160002922	Generalized Airfoils on a Cylindrical Shell Oscillating Harmonically in a Uniform Flow	1965
20160002927	S-IV-7 Stage Flight Evaluation Report Model DSV-4	1965
20160002998	[Proposed Research Including Brief Summary of Progress]	1965
20160003004	Oak Ridge National Laboratory Status and Progress Report	1965
20160003018	Phonon-Electron Spin Interactions in Paramagnetic Salts	1965
20160003020	The Design, Development, and Fabrication of a Two-Speed, Brushless DC Motor with Speed Control	1965
20160003021	Research on Plane Strain Flaw Growth in Thick-Walled Tanks	1965
20160003022	Investigation of the Stress-Corrosion Cracking of High-Strength Aluminum Alloys	1965
20160003023	Hypervelocity Impact Effects on Liquid Hydrogen Tanks	1965
20160003024	The Positive Sudden Impulse - Negative Sudden Impulse Pair and Interplanetary Forward-Reverse Shock Ensembles	1965
20160003026	Spectroscopic Study of Solar and Planetary Atmospheres	1965
20160003027	IRL-Mother-Daughter	1965
20160003030	A Study of Software Checkout for Support of Saturn Pre-Launch Checkout, Volume 2	1965
20160003031	A Study Program for the Development of VLF Space Experiments	1965
20160003032	[Data Obtained from the Explorer 12, Explorer 14, and Explorer 15 Satellites]	1965
20160003033	Theoretical Investigation of Plasma Waves and Space Vehicle Plasma Sheaths	1965
20160003034	Research Program to Develop a Zero-G, Drag-Free Satellite and to Perform a Gyro Test of General Relativity in a Satellite	1965
20160003035	Development of an Accurate Wide Range Ultra High Vacuum Gauge Calibration Method	1965
20160003036	Neural Control of Hibernation in Mammals; the Relevance of Physiological Clocks and Environmental Factors	1965
20160003037	Data Compression Study	1965
20160003039	Measured Effects of the Various Combinations of Nuclear Radiation, Vacuum, and Cryotemperatures on Engineering Materials	1965
20160003040	Douglas Advanced Research Laboratory	1965
20160003041	Time Code Study	1965
20160003042	Project Spin (Precision Cryogenic Gyro)	1965
20160003043	Measurement of Angular Rotation with Photons	1965
20160003044	Jet Exhaust Wake Degradation Investigation Quarterly Status Report	1965
20160003045	Improved Coatings for Glass Monofilaments	1965
20160003046	NASA Services to College and University Summer Sessions	1965
20160003047	The Development of Resistance Jet Thruster Systems	1965
20160003048	An Experimental Investigation of Combustion Stability Characteristics at High Chamber Pressure	1965
20160003049	A Double Focusing Magnetic Mass Spectrometer for Satellite Use	1965
20160003050	[Far Ultraviolet Radiation Studies]	1965
20160003051	Application of Prestressed Segmented Brittle Materials in Aerospace Structures for National Aeronautics and Space Administration	1965
20160003052	[Reduction of Data from Relay Satellites]	1965
20160003053	Astronautics and Aeronautics, February 1965: A Chronology on Science, Technology, and Policy	1965
20160003054	Aerobee Hi Sounding Rocket	1965
20160003056	Atlas/Centaur Launch Vehicle Study	1965
20160003057	Project SPIN (Precision Cryogenic Gyro)	1965
20160003059	[Solar Plasma Stream]	1965
20160003061	Vacuum Ultraviolet Radiation and Solid State Physics	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160003062	Plant Morphogenesis Under Weightlessness	1965
20160003064	Far Infrared Radiometer for Galactic Hydrogen Detection	1965
20160003065	[Sounding Rocket Measurements of an Ionospheric Current System]	1965
20160003066	Studies of the Radioactive Dating of the Lunar Surface	1965
20160003068	Reliable High Altitude Balloon Development	1965
20160003069	[Synthesis Procedure for Nonlinear and Time Varying, Single Input, Single Output Plants, Based on the Application of Liapunov's Direct Method]	1965
20160003070	Theoretical and Experimental Investigations of Electron Density and Collision Frequency in Lower (D and E) Regions of the Ionosphere by Rocket Radio Transmissions During the IQSY Using Differential Absorption, Faraday Rotation and Mass Spectrometry	1965
20160003072	Design and Development of an Electronic Photofacsimile Recorder	1965
20160003073	Thermal Conductivity Apparatus	1965
20160003074	Design and Development of an Electronic Photofacsimile Recorder	1965
20160003190	Hypervelocity Impact of Microparticles	1965
20160003194	Spectroscopic Investigations of Plasma Properties	1965
20160003200	Pressure Instrumentation Evaluation for Hypersonic Vehicle: Blast Wave Interception Studies	1965
20160003201	Development of a High Strength Aluminum Alloy, Readily Weldable in Plate Thicknesses, and Suitable for Applications at -423 F (-253 C)	1965
20160003202	Research on Growth of Plane-Stress Flaws in Thin Walled Cryogenic Material	1965
20160003204	Studies of Hollow Multipartitioned Ceramic Structures	1965
20160003205	Development of Improved Polymeric Materials for Cryogenic Propellant Tank Liners and Expulsion Bladders	1965
20160003207	Hypervelocity Impact Effects on Liquid Hydrogen Tanks	1965
20160003208	[Flight Tests]	1965
20160003210	Progress Report	1965
20160003211	[Temperature Telemetry System for Studying the Characteristics of Rodent Temperature Rhythms Under a Variety of Conditions]	1965
20160003212	Design Improvements in Lines for Glass-Fiber Filament-Wound Tanks to Contain Cryogenic Fluids	1965
20160003216	Strength of Some Ceramic Specimens Containing Parallel Cylindrical Holes	1965
20160003218	Saturn 5: Schedule Status and Project Trends	1965
20160003220	RCA-110A Computer: Programmers Reference Manual	1965
20160003224	The Development and Application of Mass Spectrometers to Studies of the Earth's Upper Atmosphere and Planetary Atmosphere	1965
20160003226	Quarterly Status Report	1965
20160003227	Sandia Corporation Aerospace Nuclear Safety Quarterly Report	1965
20160003228	Mobile Photographic Processing Laboratories	1965
20160003229	Radioisotope Applications in Space Program: Phase A	1965
20160003230	Massachusetts Institute of Technology Research Laboratory of Electronics	1965
20160003245	Oak Ridge National Laboratory Status and Progress Report	1965
20160003249	Design, Development, and Manufacture of Ball Bearing Test Device Utilizing Segmented, Sealed Brushless DC Motor	1965
20160003252	Survey/Study of the Interconnection Problem in Microelectronics	1965
20160003272	Orbiting Astronomical Observatory	1965
20160003273	Study of the Application of Maneuver Flight Loads Data to Design Criteria	1965
20160003274	Project Spin: Precision Cryogenic Gyro	1965
20160003275	[Information Processing and Storage in Invertebrates]	1965
20160003277	An Experimental Evaluation of the Effects of Surface Roughness on Heat Transfer Rates to a Flat-Face Cylinder	1965
20160003278	A Long-Range Program to Develop Medical Monitoring in Flight	1965
20160003279	Radioisotope Propulsion Technology	1965
20160003281	Feasibility of Simulating Thermal Environments for Meaningful Evaluation of Ablating Materials	1965
20160003285	[Space Instrument Development Program]	1965
20160003287	Research on Vibratory-Output Angular Motion Sensors	1965
20160003289	[Study of the Ionosphere Using Signals From Active Earth Satellites]	1965
20160003397	Oak Ridge National Laboratory Status	1965
20160003400	Velocity Measurements in a Mach 12 Arc-Heated Wind Tunnel	1965
20160003402	Aerospace Nuclear Safety	1965
20160003406	Development of Improved Polymeric Materials for Cryogenic Propellant Tank Liners and Expulsion Bladders	1965
20160003408	Development of Improved Polymeric Materials for Cryogenic Propellant Tank Liners and Expulsion Bladders	1965
20160003409	[Communication Science Research]	1965
20160003412	Microelectronics: Solid State and Thin Film Advanced Development	1965
20160003413	Study of Deep Space Meteoroid Satellite to be Launched by a Saturn-Centaur Vehicle	1965
20160003415	Calculation of the Response of a Flexible Aircraft to Harmonic and Discrete Gusts by a Transform Method	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160003419	An Electronic Catalogue Computer Representing Twelve Coupled Linear Differential Equations	1965
20160003421	Gun Tunnel Measurements of Lift, Drag and Pitching Moment on a 20 Degree Cone, a Flat Delta and A Caret Delta Wing at a Mach Number of 8.3	1965
20160003423	Computer Calculations of Relaxation Regions and Equilibrium Conditions for Shock Waves with Tables for CO2 and N2O	1965
20160003425	A Note on the Turbulent Uniform-Property Hydrodynamic Boundary Layer on a Smooth Impermeable Wall: Comparisons of Theory with Experiment	1965
20160003426	The Subcritical Response and Flutter of a Swept-Wing Model	1965
20160003427	A Velocity Defect Relationship for the Outer Part of Equilibrium and Near-Equilibrium Turbulent Boundary Layers	1965
20160003428	The Calculation of the Warp to Produce a Given Load and the Pressures Due to a Given Thickness On Thin Slender Wings in Supersonic Flow	1965
20160003432	Investigation of the Normal Force Characteristics of Slender Delta Wings with Various Rhombic Cross-Sections in Subsonic Conical Flow	1965
20160003436	A Study of the Possible Preventative Effects of Muscular Exercises and Intermittent Venous Occlusions on the Cardiovascular Deconditioning Observed After 10 Days Bed Recumbency: Experimental Design	1965
20160003438	The Breakdown of Certain Types of Vortex	1965
20160003444	Meteorological Data Report: Nike-Cajun NICAP/1 Rockets: Round No. 022 And 023 (20 July 1965); Round No. 024 (21 July 1965); Round No. 027 And 028 (23 July 1965)	1965
20160003446	Pressurization Systems Design Guide	1965
20160003447	Pressurization Systems Design Guide	1965
20160003448	Heat-Transfer and Pressure Measurements on the Upper Surface of a Delta Wing at Incidence at Mach Numbers Between 2.0 and 3.6	1965
20160003449	Analysis of Hinge Moment Data for Rectangular and Near Rectangular Trailing Edge Controls at Supersonic and Transonic Speeds	1965
20160003450	Timing and Countdown Systems Handbook	1965
20160003452	Operational Manual: Saturn V S-II Stage Service Arms Launch Complex 39, Volume II	1965
20160003453	Saturn Display Set: 2110559-501 Thru 2110559-505	1965
20160003457	Papers Presented at the Nineteenth MSC Technical Symposium	1965
20160003458	Aircraft Dynamic Loads from Substandard Landing Sites	1965
20160003459	Satellite Navigation Studies	1965
20160003464	Stability of Cylindrical Shells. An Analytical and Experimental Investigation of the Effects of Large Prebuckling Deformations on the Buckling of Clamped Thin-Walled Cylindrical Shells Subjected to Axial Loading and Internal Pressure	1965
20160003468	Magnetic Compression of Collision-Free Plasmas with Charge Separation	1965
20160003511	Development of Improved Polymeric Materials for Cryogenic Propellant Tank Liners and Expulsion Bladders	1965
20160003631	Computer Simulation of Flight Crew Operations in Apollo: The Performance of Optional Tasks	1965
20160003642	LEM Descent Engine Final Report on JTA Graphite Nozzle Throat Insert Performance on 4. 75 -Inch Diameter Throat Rocket Engine	1965
20160003804	Investigation of Ignition Delay on Qualification Motor AQ-VIII-1	1965
20160003839	Acceptance Test Specification Individual Test for System, Data Acquisition	1965
20160003841	Acceptance Test Specification Individual Test for Signal Conditioning and Multiplexing Unit, Digital	1965
20160003952	Acceptance Test Specification Individual Test for Panel, Liquid Level Remote Control Gage	1965
20160004031	Transformers and Inductors, (Audio, Power and Pulse), General Specification	1965
20160004101	Unit, Pressurization, Nitrogen/Helium, Design Control Specification	1965
20160004102	Antenna Assemblies, Inflight and EVA Communication Subsystem Design Control Specification	1965
20160004103	Antenna Assembly, Telemetry, VHF/UHF Communications Subsystem Design Specification For	1965
20160004104	Antenna Assembly, Transponder Navigation and Guidance Subsystem Design Control Specification For	1965
20160004114	Tape, Pressure Sensitive, Tamper Proof, Requirements	1965
20160004618	Apollo Tower Jettison Rocket Motor Qualification Test Program	1965
20160004619	Apollo Tower Jettison Rocket Motor Qualification Test Program (U)	1965
20160004620	Apollo Tower Jettison Rocket Motor Qualification Test Program	1965
20160004634	Saturn IB Flight Test Evaluation Plan AS-201 Thru AS-204	1965
20160004635	MSFC Flight Mission Directive: Apollo-Saturn 203 Mission	1965
20160004636	MSFC Flight Mission Directive: Apollo/Saturn 201 Mission	1965
20160004637	MSFC Flight Mission Directive: Apollo-Saturn 204A and 204B Missions	1965
20160004640	Electrical Power System Course No. A206 and A208 Study Guide	1965
20160004644	Rocket Motor, Aeronautical, Pitch Control (Apollo Launch Escape System)	1965
20160009382	House Spacecraft No. 1, Test Plan	1965
20160009398	Advanced Pyrolytic Spacecraft Thrust Chamber Materials	1965
20160009399	A Theoretical Study of Meteoric Trajectories, and Processes, including Examination of the Incidence and Characteristics of Photographic Meteors by Reduction of About 600 Data Points	1965
20160009400	Solid Propulsion Engineering Development Plan	1965
20160009403	Development of a 1,500,000-Lb-Thrust (Nominal Vacuum) Liquid Hydrogen/Liquid Oxygen Engine	1965

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160009407	Hybrid and High Energy Solid Motors for Upper Stage Applications	1965
20160009408	Solid Propulsion Engineering Development Plan	1965
20160009413	Hybrid and High Energy Solid Motors for Upper Stage Applications	1965
20160009415	Advanced Pyrolytic Spacecraft Thrust Chamber Materials	1965
20160009417	Protective Coatings for Refractory Metals in Rocket Engines	1965
20160009418	Rocket Engine Analyzer and Decision Instrumentation (READI) Investigation: Development of Launch Vehicle Malfunction Effects Model	1965
20160009419	Study for Evaluation of Plug Multi-Chamber Configuration: Volume 1	1965
20160009421	Study of Dynamic and Static Seals for Liquid Rocket Engines (Phase 4)	1965
20160009422	Study of Dynamic and Static Seals for Liquid Rocket Engines	1965
20160009431	The Study of Dynamic and Static Seals for Liquid Rocket Engines (Phase 4)	1965
20160009433	Laboratory Simulation of Solar Wind Phenomena	1965
20160009437	SA-8/Apollo Firing Test Report	1965
20160009447	Water Management System Evaluation for Space Flights of One Year Duration	1965
20160009470	Apollo GSE End Item Specification for Cable Set - Radio Frequency Test Facility, Electrical Model C14-338	1965
20160009506	Radiation Mapping of the SNAP-19C-2 Generator	1965
20160009507	Corona and High Voltage Breakdown of Electrical Conductors in Vacuum	1965
20160012653	Preliminary GT-5 Flight Crew Debriefing Transcript	1965
20160013470	Saturn IB/SA-203 Flight Sequence	1965
20160013472	Launch Operations Plan Apollo/Saturn IB (AS-201)	1965
20160013500	NERVA	1965
20160013740	Postlaunch Report for Apollo Mission PA-2 (BP-23A)	1965
20160013794	NASA Review Team Report	1965
20160013805	Gemini Spacecraft Program	1965
20160013820	Final: GT-4 Flight Plan	1965
20160014360	Explorer VII Heavy Primary Cosmic Ray Experiment	1965
20160014400	Apollo/Saturn IB Post Launch Report Plan: AS-201	1965
20160014404	Apollo Mission AS-207A: Preliminary Mission Profile	1965
20160014405	Apollo Program: Apollo Manned Missions System Verification	1965
20160014406	Apollo Flight Mission Assignments	1965
20160014774	Joint Reference Trajectory: AS-204A/CSM-012	1965
20160014776	Project Apollo: Reentry Phase of the AS-204A Preliminary Reference Trajectory	1965
20170001004	Program Review Apollo	1965
20170001005	Program Review Apollo	1965
20170006905	Development of a Magnetoplasmadynamic Arc Thrustor	1965
19640019010	A multitemperature boundary layer	1966
19660003950	Theoretical study of the propagation of sound. Application to anticipation of the sonic boom produced by supersonic flight	1966
19660004765	Effect of rarefaction on the processes of gasdynamic friction during blowing or suction through the wall adjacent to the flow	1966
19660004766	Stress concentration about curvilinear holes in physically nonlinear elastic plates	1966
19660004767	Formulation of problems of finding stress functions with the aid of biharmonic potentials	1966
19660004768	Volcanic Activity on Mars	1966
19660005094	Influence of gravity on the blood circulation - diagnostics of syncope and apoplexy	1966
19660005095	Experimental and theoretical results on heat transfer at the leading edge of hypersonic sweptback wings	1966
19660005622	Ancient novae and supernovae recorded in the annals of China, Korea, and Japan and their significance in radioastronomy	1966
19660005913	Problems of space radio communication	1966
19660006023	Study method and physics of heat exchange during vapor condensation	1966
19660006024	Investigation of a directed beam of high-speed electrons through mercury vapors in a heated-cathode discharge tube	1966
19660006025	Electron drift in plasma	1966
19660006517	Report to the Congress from the President of the United States - United States aeronautics and space activities, 1965	1966
19660006858	Isotopic exchange of oxygen on silver films	1966
19660006898	Calculations concerning electrical breakdown induced by the melting of microscopic projections	1966
19660007285	The oxygen deficiency test - Principles and relationships to regulative processes in the organism	1966
19660007287	Lateral diffusion electrodes, part IV	1966
19660007288	Present possibilities for a theoretical study of a supersonic ejector nozzle	1966
19660007520	Problem of single weather station to report location of thunder lightning activities	1966
19660007633	Local stability of sandwich shells of revolution	1966
19660007648	Postlaunch structural analysis of Echo II SATELLITE	1966
19660007801	The scientific objectives of deep space investigations - Saturn, Uranus, Neptune and Pluto	1966
19660007897	Intensity Variations of Cosmic Rays	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660007898	Airplane measurements of slow cosmic-ray neutrons	1966
19660007899	Counting apparatus for the investigation of the neutron component of cosmic rays in the atmosphere	1966
19660007900	The effect of a light cover on the frequency of recorded extensive air showers	1966
19660007901	On the relation between the magnitude of an ionization burst and the size of a shower in high-pressure chambers	1966
19660007902	Dependence of the separation curve on the mean size of an extensive air shower	1966
19660007903	Underground angular distribution of cosmic- ray intensity at depths of 0-60 meters of water equivalent	1966
19660007904	Automatic frame-by-frame photometry of all-sky photographs	1966
19660007905	A new method for recording earth currents	1966
19660007906	Operation of SNM-8 counters at voltages up to 3 kV	1966
19660007907	Results of a study of the quantity gamma eff in the differential pi-meson production spectrum	1966
19660007908	Seasonal effect in the intensity of cosmic rays deduced from measurements in the stratosphere	1966
19660007909	A method of allowing for geometric effects in the EAS frequency variations near sea level	1966
19660007910	On the problem of multiplicity	1966
19660007911	The contribution of the upper atmosphere to small effects in the hard component of cosmic rays during chromospheric flares	1966
19660007912	Underground variations in the intensity of cosmic rays in 1957-1959	1966
19660007913	Main properties of solar diurnal variations from directional cosmic-ray measurements	1966
19660007914	Some main properties of disturbed diurnal variations in the intensity of cosmic rays	1966
19660007915	On the coefficient of absorption of cosmic rays responsible for solar diurnal variations	1966
19660007917	Day-night effect in the cosmic ray intensity from measurements in the stratosphere	1966
19660007918	Electromagnetic conditions in the earth's neighborhood on May 10-24, 1959	1966
19660007919	11-year variations in the intensity of cosmic rays	1966
19660007920	Cosmic-ray intensity burst of May 4, 1960	1966
19660007921	Effect of magnetic storms in the intensity of cosmic rays according to measurements in the stratosphere	1966
19660007922	Composite geophysical observations at Yakutsk during July, 1959	1966
19660007923	On the theory of sequences	1966
19660007924	Some decreases in cosmic-ray intensity	1966
19660008442	The new Micro-flowmeter	1966
19660008489	Significant achievements in space bioscience, 1958-1964	1966
19660009158	Calculation of thermodynamic properties of potassium at temperatures of up to 1300 deg C and pressures of up to 25 kg/cm ²	1966
19660009159	Conference on elementary biological systems and on biogenesis	1966
19660009160	Theory of the superconductivity of thin metal films in a strong magnetic field. I/	1966
19660009161	Theory of the superconductivity of a thin metal film in a strong magnetic field. II - Critical field of a superconducting film	1966
19660009162	Selection of the conditions of chromatographic analysis of gas mixtures containing CO ₂ , CNHM, O ₂ , H ₂ , N ₂ . CO, Ch ₄ , C ₂ H ₆	1966
19660009163	Optical phenomena in photoelastic coatings in the investigation of shells	1966
19660009164	A new method for measuring the critical characteristic curves of superconductors	1966
19660009165	Sounding rocket for measuring radiation in ionosphere	1966
19660009166	Theory of nonlinear oscillations in a collisionless plasma	1966
19660009169	Significant achievements in space communications and navigation, 1958-1964	1966
19660009977	Problems of Space Biology, Volume 4	1966
19660009994	New Aspects of Personal Hygiene	1966
19660009996	Hygienic Investigations of Cosmonaut Clothing Designed for Wear in Small-Sized Cabin Under Shirt-Sleeve Microclimate Conditions	1966
19660010234	Significant achievements in satellite meteorology, 1958-1964	1966
19660010235	Significant achievements in particles and fields, 1958-1964	1966
19660010236	Significant achievements in planetary atmospheres 1958-1964	1966
19660010342	Space programs summary no. 37-37, volume VI FOR the period November 1, 1965 to December 31, 1965. Space exploration programs and space sciences	1966
19660011587	Adhesion between atomically pure metallic surfaces. Part IV - The effect of contamination on the adhesion of metallic couples in ultra-high vacuum Semi-annual report	1966
19660011643	Soil microbiology and its current problems	1966
19660011650	Calculation of viscosity in molten salts /oxides/	1966
19660011755	Chemical-kinetic basis for differentiation of secondary and priming explosives	1966
19660011756	Space Flight Handbook. Volume III - Planetary Flight Handbook. Part 5 - Trajectories to Jupiter, Ceres, and Vesta	1966
19660011787	Voyager spacecraft system. Phase 1A, task B - Oral presentation	1966
19660012397	Deactivation and activation of impurities in silicon	1966
19660012398	Optimum motion in a central field when the operation time of a propulsion system is given	1966
19660012399	The estimation of ozone concentration at the heights of 44-102 km during night launchings of geophysical rockets	1966
19660012400	Rotational relaxation of diatomic molecules	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660012401	Influence of cadmium additives on the rate of thermal and radiochemical decomposition of silver carbonate	1966
19660012532	Regional cerebral impedance changes in alerting, orienting and discriminative responses - The role of neuronal elements in these phenomena	1966
19660012991	On the changes in the chloride levels in the blood, urine, and sweat associated with muscular activity	1966
19660012992	Working conditions of the internal boundary layer bleed of an external supersonic compression air intake	1966
19660012993	Application of photoelastic coatings in the investigation of shells	1966
19660012994	Calculation of the aerodynamic interference of a system of bodies in an ideal fluid	1966
19660012995	Maneuvering in free space	1966
19660013011	Visual observation of infrared laser emission	1966
19660013012	Turbulence studies in conjunction with the determination of the acoustic characteristics of a jet	1966
19660013013	Combustion of a carbon particle moving in a gas flow	1966
19660013014	Mass spectrometry of gaseous mixtures in MAGS-2 apparatus	1966
19660013015	Radar characteristics of storm clouds	1966
19660013108	Tolerance and Confidence Limits for Classes of Distributions Based on Failure Rate	1966
19660013598	Highlights and summary	1966
19660013599	Field verification of in situ physical properties	1966
19660013600	Seismic survey of Meteor Crater, Arizona	1966
19660013601	Southern Coulee refraction studies	1966
19660013602	SH-wave investigations of shallow in situ materials	1966
19660013603	In situ bulk density measurement at S P flow, Arizona	1966
19660013604	Automatic data processing	1966
19660013609	Centaur structural capability study Interim report	1966
19660013647	Significant achievements in ionospheres and radio physics, 1958 - 1964	1966
19660013651	Suggested method for plating copper on aluminum	1966
19660014245	Extraction of metal compounds from pyrazoline dithiocarbaminates	1966
19660014246	Czechoslovakian tektite field	1966
19660014247	Study of the earth-type planets	1966
19660014248	Sputnik meteorology	1966
19660014249	Brightness distribution in the limb zone of Mars	1966
19660014251	Contribution to the analysis of light elements using X-fluorescence excited by radioelements	1966
19660014252	Certain effects related to the multicomponent character of gas mixtures	1966
19660014253	Tests with stagnation-temperature sensors having an internal channel by the equivalent pressure drop method	1966
19660014254	Circular dichroism and sequence of nucleotides in nucleic acids	1966
19660014255	An analog experiment on turbulent liquid metal heat transfer in the entrance region of noncircular ducts	1966
19660014256	Exobiological studies of interplanetary space and upper atmospheric layers	1966
19660014257	Stresses near an elliptical hole subject to fluctuating pressure	1966
19660014258	Method for determining pulse wave velocity	1966
19660014259	Automatic vacuum weighing apparatus for investigating the decomposition kinetics of solids	1966
19660014260	Effect of impurities on the thermal decomposition rate of silver oxide	1966
19660014317	Infrared spectrophotometry of the moon and Galilean satellites of Jupiter	1966
19660014318	Coefficient of resistance to motion of burning particles	1966
19660014319	Laminar boundary layer in a multicomponent mixture of gases	1966
19660014320	Investigations of Scale-Stability of Alloys of Zirconium Boride with Molybdenum Disilicide	1966
19660014321	Intensity of methane absorption in 6190 angstrom band on Jupiter's disk	1966
19660014322	The influence of electrosleep on the thermoregulation reflex and electric resistance of the skin in patients with pruritic dermatosis	1966
19660014333	Involuntary hypohydration in man and animals - A review	1966
19660014339	Instrumentation for Biological Research, Volume II, Sections 4 and 5 Final Report, Nov. 9, 1964 - Mar. 31, 1966	1966
19660014437	The principles of global tests of a structure	1966
19660014438	Non-one-dimensional solutions of the equations of magnetic gas dynamics	1966
19660014439	Porous material from carbides and borides of transition metals	1966
19660014440	Present-day gyroscopic instruments and prospects for their future development	1966
19660014441	The problem of air-breathing jet engines for space flight	1966
19660014442	Oscillations of a plasma with an electron beam in an external electric field	1966
19660015194	NASA Authorization for Fiscal Year 1967	1966
19660015320	Performance characteristics of a jet-flap rotor	1966
19660015325	Summary of large-scale test of ducted fans	1966
19660015326	Aerodynamic stability and control of ducted- propeller aircraft	1966
19660015343	Endless-belt technique for ground simulation	1966
19660015344	Comparison of wind-tunnel and flight test aerodynamic data in the transition-flight speed range for five V/STOL aircraft	1966
19660015618	A photometric investigation of the presence of outer layers of volcanic origin on the moon	1966
19660015620	Elastic constants and thermal expansion of certain bodies with a nonhomogeneous regular structure	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660015621	Use of the emission spectrum of the copper atom for plasma diagnostics	1966
19660015622	Representation of the equation of state of a real gas by elementary functions, and methods of their determination	1966
19660015623	Turbulent boundary layer on a flat plate in an incompressible fluid	1966
19660015624	Spectrophotometric comparison of Martian continents with red-colored terrestrial caprock	1966
19660015625	Determination of the surface state of metal powder particles by scattering of light	1966
19660015626	Use of interferential currents in combined anesthesia in surgery	1966
19660015627	Nature of the MgO and Al ₂ O ₃ conductivity	1966
19660015628	Chemical reactions on the surfaces of glass fibers used in glass-reinforced plastics	1966
19660015629	Determination of the maximal values of the gravitational drift and the drift due to irregular rigidity in integrating floated-type gyroscopes	1966
19660015630	Operation of an integrating floated-type gyroscope in the capacity of an angular-motion nonfollow-up pickup	1966
19660015631	On the construction of a mathematical model of a "biological clock"	1966
19660015632	The nature of the higher silver oxide	1966
19660015633	Ecological and geographical variability of soil bacteria	1966
19660015634	Contributions to the physiology of water and sodium chloride	1966
19660015635	The laminar boundary layer in a radiating- absorbing gas near a flat plate	1966
19660015636	Supersonic flow around ellipsoids	1966
19660015714	Significant achievements in solar physics, 1958-1964	1966
19660015733	Three-dimensional flow of ideal gas past smooth bodies	1966
19660015734	On the state of stress near curvilinear holes in shells	1966
19660015735	The stressed state near curvilinear reinforced orifices in shells	1966
19660016077	Ranger VIII Photographs of the Moon, Cameras A, B and P	1966
19660016078	Manned Space Flight: Project Apollo	1966
19660016080	Manned Space Flight: Projects Mercury and Gemini	1966
19660016397	Space Research - Transactions of the All- Union Conference on Space Physics	1966
19660016398	Certain problems of upper atmosphere physics and space near the earth	1966
19660016399	Density and temperature of the atmosphere based on measurement results obtained on high altitude geophysical automatic stations in 1963	1966
19660016400	Certain problems entailed in studying the structure of the upper atmosphere	1966
19660016401	Dynamic nature of atmospheric density at altitudes of 200-300 km	1966
19660016402	Composition of the atmosphere in the 100-200 km region	1966
19660016403	Utilization of artificial earth satellite orbital data to determine the wind velocity in the thermosphere	1966
19660016404	Aerodynamics of manometers and mass spectrometers carried on rockets and satellites	1966
19660016405	Results derived from optical observations with the spacecraft "Voskhod"	1966
19660016406	Infrared spectrophotometry of the earth's thermal radiation	1966
19660016407	Investigating the earth's atmospheric radiation in the visible and ultraviolet regions	1966
19660016408	Study of the angular radiation distribution of the earth and the earth's atmosphere from geophysical rockets and balloons	1966
19660016409	Angular and spectral radiation distribution of the earth in the infrared spectral region	1966
19660016410	Determining temperature and moisture of the earth's atmosphere based on satellite measurements of the earth's atmosphere	1966
19660016411	Upper atmosphere layers which radiate in the infrared spectral region	1966
19660016412	Altitudinal-time distribution of the electron concentration and nonuniform formations of the outer ionosphere	1966
19660016413	Certain results of ionosphere studies using artificial earth satellites and geophysical rockets	1966
19660016414	Ionosphere studies by receiving AES radio emission on the earth	1966
19660016415	Brief survey of the results of physical experiments on the satellite "Kosmos-2" in the ionosphere	1966
19660016416	Results of ionosphere research by rockets and satellites in 1960-1964	1966
19660016417	The outer region of the earth's ionosphere /from 2000 to 20,000 km/	1966
19660016418	Rocket data on the behavior of electron concentration in the ionosphere at altitudes of 100-300 km	1966
19660016419	Composition of the outer ionosphere of the earth based on measurement data from the "Elektron" satellites	1966
19660016420	One anomaly in electron pitch-distributions	1966
19660016421	Variations in the soft component of the electron energy spectrum	1966
19660016422	Spatial distribution of different groups of trapped corpuscles based on data from the satellites "Kosmos 3" and "Kosmos 5"	1966
19660016423	Measurement of soft electron streams in the upper atmosphere at altitudes to 500 km	1966
19660016424	Characteristics of short wave communication with spacecrafts	1966
19660016425	Radiowave propagation in interplanetary and circumsolar space	1966
19660016426	Interaction of moving bodies with a plasma /introductory remarks/	1966
19660016427	Braking of bodies moving in a rarefied plasma	1966
19660016428	Asymptotic form of the trail of a body moving in a rarefied plasma	1966
19660016429	Perturbed zone structure in the vicinity of a cylindrical body in a plasma	1966
19660016430	Intensification of the outer electric field on the surface of a large body in the ionosphere	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660016431	Electric fields in the ionosphere based on data from direct measurements on geophysical rockets	1966
19660016432	State of the prospects for studying the radiation zones of the earth	1966
19660016433	Penetration processes into the magnetosphere of the earth, capture and acceleration of solar stream particles, and their role in the dynamics of the geomagnetic trap	1966
19660016434	Anomalous diffusion of charged particles in the radiation zones of the earth	1966
19660016435	The formation of radiation zones as a result of particle drift in the depths of the magnetosphere	1966
19660016436	Comparison of simultaneous measurements of the magnetic field and positive ion streams within the earth's magnetosphere, performed on the satellite "Elektron-2"	1966
19660016437	Investigation of the earth's magnetosphere in the radiation zone region /3-6 Re/, February - April, 1964	1966
19660016438	Study of the earth's magnetosphere at a distance of 7-11.7 Re on the "Elektron" satellites	1966
19660016439	Structure of the solar corpuscular stream and its interaction with the magnetosphere of the earth	1966
19660016440	Recording charged particles with an energy of 0.1-10 keV with a spherical electrostatic analyzer	1966
19660016441	Physical picture of the formation of an artificial radiation zone during the high- altitude, American thermonuclear explosion on July 9, 1962	1966
19660016442	Results derived from studying the geometric position and particle composition of radiation zones of the earth based on data from the satellites 'Elektron-1' and 'Elektron-2'	1966
19660016443	Preliminary results derived from corpuscle investigations on the satellite 'Elektron-1'	1966
19660016444	Possible existence of a soft electron component in the outer radiation zone and its variations	1966
19660016445	Time changes in the outer radiation zone of the earth based on data from the 'Elektron' satellites	1966
19660016446	Irregular high-energy electron streams near the boundary of the radiation zones of the earth	1966
19660016447	Study of the earth's outer radiation zone at low altitudes during spacecraft-satellite flights and the 'Kosmos' AES flights between 1960 and 1963	1966
19660016448	Study of the inner and artificial radiation zones of the earth at low altitudes in 1960- 1964	1966
19660016449	Outer radiation zone of the earth and bursts of X-ray radiation in the stratosphere	1966
19660016450	Measurement results on the satellite 'Kosmos- 41' in the outer radiation zone	1966
19660016451	The outermost zone of charged particles	1966
19660016452	Problems of and prospects for primary cosmic ray research	1966
19660016453	Studies of primary cosmic radiation on the satellites 'Elektron-2' and 'Elektron-4'	1966
19660016454	Study of cosmic rays during flights of spacecrafts-satellites and the 'Kosmos' AES	1966
19660016455	Results Derived from Studying the Cosmic Ray Nuclear Component on the Satellite 'Elektron- 2'	1966
19660016456	Measurement of solar X-ray radiation intensity by means of the space station 'Elektron-2'	1966
19660016457	Cosmic ray generation on the sun	1966
19660016458	Interpretation of radiation data from meteorological satellites	1966
19660016459	Radiation safety problems in space flights	1966
19660016460	Study of meteoritic matter	1966
19660016461	Measurement of scattered Lalpha - radiation in the vicinity of the earth and in interplanetary space	1966
19660016462	Results of radio emission strength measurements at 725 and 1525 kc by equipment on the satellite "Elektron-2"	1966
19660016463	Experiments under the program of the world magnetic survey	1966
19660017265	Ranger IX photographs of the moon, cameras "A", "B", and "P"	1966
19660017336	Numerical methods in gas dynamics	1966
19660017556	A selected listing of NASA scientific and technical reports for 1965	1966
19660017593	Radiometric standards for the extreme ultraviolet Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660017945	Bioenergetics of space suits for lunar exploration Literature review	1966
19660017946	Philosophy of simulation in a man-machine space mission system	1966
19660017985	Structural considerations for an expandable lenticular satellite	1966
19660017986	Application of inflatable structures to station keeping of passive communications satellites	1966
19660017997	Development of an expandable airlock utilizing the elastic recovery principle	1966
19660018000	Design criteria for inflated, expandable beams used as structural members in an advanced concept paraglider	1966
19660018003	Fabrication and pressurizations technology for improvement of surface accuracy of passive communications satellites	1966
19660018004	Membrane analysis of pressurized thin spheroid shells composed of flat gores, and its application to Echo II	1966
19660018029	Human response to sustained acceleration	1966
19660018197	Radiation safety during space flights	1966
19660018201	Shock compression of periclase and quartz and the composition of the abyssal mantle of the earth	1966
19660018202	Measurement of absolute luminosity yield of powdered phosphors	1966
19660018203	Effect of the boundaries of an incompressible fluid flow on the unsteady aerodynamic characteristics of a profile	1966
19660018204	Friction and windage losses in rotor blade assemblies of radial-flow turbines of helicopter and transport gas turbine power plants	1966
19660018205	Methods of investigating the vestibular apparatus	1966
19660018206	Energy accumulator in optimization problems of spaceflight with limited power	1966
19660018207	Emissivity of a pinnacled surface. Investigation of an emissive, fin-tube system	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660018208	Motion of two parts after bursting of a gas tank in a vacuum	1966
19660018209	Problems of oscillations of a fluid subjected to surface tension forces	1966
19660018210	Biological mechanisms of oxalacetic acid decarboxylation	1966
19660018211	Physiology of water and sodium chloride	1966
19660018212	Thermal characteristics of a pebble bed heater	1966
19660018213	Buckling and steady flutter of heat-compressed panels in a supersonic flow	1966
19660018724	Effects of wing planform on the aerodynamic characteristics of a wing-body-tail model at Mach numbers 3.96 and 4.63	1966
19660018978	Intrinsic point defects in CdS Technical report no. 7	1966
19660019076	Regularities in composition and structure of meteorites and problem of their origin	1966
19660019077	The influence of low temperature on microorganisms. Part II. The influence of low temperature on the development of molds	1966
19660019078	Ionization of chlorine and iodine in fused salts	1966
19660019079	The phenomenon of dimerization of alkali metal vapors and calculation of their thermophysical properties to a temperature of 1500 deg C	1966
19660019080	Study of the formation reaction of polybenzimidazoles	1966
19660019081	Determination of thermophysical characteristics of materials as functions of temperatures	1966
19660019082	The use of foamed polyurethans for manufacturing solar energy collectors	1966
19660019083	New system for approaching the design of sounding rockets	1966
19660019084	Use of a plasma gun for producing high electron current peaks	1966
19660019137	Integrated research and training in space-molecular biology Annual progress report, Apr. 1, 1965 - Mar. 31, 1966	1966
19660019191	Structural mechanics of deformation and fracture Final report	1966
19660019275	The achievement of space - Values and directions	1966
19660019293	Yield measurements on collision of slow electrons with inert gas atoms	1966
19660019294	Oxidation protection of niobium by a NbSi ₂ layer, impregnated with SnAl	1966
19660019295	Renal function during heavy muscular work	1966
19660019488	A report of the physiological, psychological, and bacteriological aspects of 20 days in full pressure suits, 20 days at 27,000 feet on 100 per cent oxygen, and 34 days of confinement, part II	1966
19660020170	A search for the quiet time solar gamma rays from balloon altitudes	1966
19660020254	Geologic Map of the Pisgah and Sunshine Cone Lava Fields	1966
19660020343	Environmental control system	1966
19660020356	Gemini Postlanding Systems Tests and Recovery Operations	1966
19660020391	Spectrophotometric investigation of the mechanism of the excitation of filamentary nebulas	1966
19660020421	Experimental study of sterile assembly techniques. Volume II - Appendixes B and C Final report	1966
19660020431	Balance of energy and structure of the chromosphere	1966
19660020432	Classification of iron meteorites by structure	1966
19660020433	Perception of certain mechanical quantities inherent to the animal organism	1966
19660020434	Influence of low temperatures on the development of microorganisms. III - Influence of low temperatures on the development of bacteria and yeasts	1966
19660020435	Measurement of the mechanical and dynamic characteristics of rubber	1966
19660020436	Diferrocenyls and terferrocenyls	1966
19660020437	Heat treatment of tungsten bulbs	1966
19660020438	Flight handling quality problems posed by swept-wing transport planes without tail units	1966
19660020439	Preliminary investigation of the mineralogical composition of the stone meteorite Venerova	1966
19660020622	Study of structural bending adaptive control techniques for large launch vehicles Technical summary report, volume II	1966
19660020792	Observations of the Moon, Mars, Uranus, and the stars. Optical properties of plants	1966
19660020793	A method for the nondispersive analysis of very light elements	1966
19660021052	Report on United States - New Zealand solar eclipse project	1966
19660021317	Solid-Propellant Rocket Exhaust Effects /SPREE/ and methods of attenuation, volume II, part II, phase II Final report	1966
19660021467	Study of stability of unpressurized shell structures under static loading, volume II FINAL report	1966
19660021475	Report of test on the evaluation of mounting methods and distances for Aeroquip space- craft brazed tubing assemblies	1966
19660021499	Oxygen utilization of the organism and its regulation	1966
19660022057	The Hurewicz theorem	1966
19660022085	The Viscosity and Thermal Conductivity Coefficients of Dilute Argon Between 100 and 2000 Deg K	1966
19660022089	Liquid level sensor system for cryogenic propellants Final report	1966
19660022150	Flanged Omega Seal and Diffusion Bonded Connector Designs	1966
19660022284	Model of failure in components	1966
19660022414	Membrane separation	1966
19660022560	The Laser	1966
19660022561	Living in Space	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660022847	Development of improved conversion coating for use with corrosion-inhibiting white primer Final technical report, 1 Mar. - 15 Sep. 1965	1966
19660022896	Investigation of two-phase tungsten-rhenium alloys for ionizer applications, volume II FINAL report	1966
19660022940	A full-scale ground wind load program	1966
19660022955	Fluctuating force measurements upon a circular cylinder at Reynolds numbers up to 5 times 10 super 6	1966
19660023244	A new Black Ball radiation chart and radiative equilibrium temperatures computed through its use	1966
19660023951	Studies of display symbol legibility. Part II - Line scan orientation effects	1966
19660024108	Contacts with colleagues and scientific performance	1966
19660024196	Supersonic aerodynamic characteristics of a Saturn IB launch vehicle model with third-stage modifications	1966
19660024200	Manned spacecraft systems cost model, volume II. Summary report, Apr. 1965 - Jun. 1966	1966
19660024236	Physics of the moon and the planets	1966
19660024381	Magnetics and Superconductivity	1966
19660024386	Contribution to the theory of the adsorption effect at the surface of semiconductors and gels under the action of ionizing radiation	1966
19660024387	Vapor pressure in solid yttrium	1966
19660024388	Investigation of wall surface temperature behind a moving shock wave	1966
19660024389	Determination of the saturated vapor pressure of niobium dioxide	1966
19660024390	One non-linear problem with a free boundary	1966
19660024391	The problem of the volatility of niobium oxides	1966
19660024392	Study of the propagation process of a reaction in solid phases	1966
19660024393	Organic semiconductors	1966
19660024394	Separation of simple sugars on cellulose layers	1966
19660024395	Infrared quenching of the photovoltaic effect in cadmium sulfide	1966
19660024396	Measurements of the intensity of turbulence in a gas flow by the thermoelectric method	1966
19660024397	Phase diagram and properties of alloys of the aluminum-scandium system	1966
19660024398	Review of the present situation on laser research	1966
19660024399	Features of film boiling in surface water cooling	1966
19660024400	Heat-resistant chromium carbide coating with a silicate binder	1966
19660024401	Search for high-energy photons from discrete sources of cosmic radiation	1966
19660024402	Recent results in the study of problems of mixing and reattachment	1966
19660024403	Heat transfer in the neighborhood of the blunt leading edge of a cylindrical wing during slip	1966
19660024404	In open space - Voskhod-2 spacecraft design	1966
19660024405	Determination of the thermal characteristics of a two-dimensional laminar boundary layer in a compressible gas without a longitudinal pressure gradient, in the vicinity of the forward stagnation point	1966
19660024406	Selection of parameters for a dynamic system universal for a given group of maneuvers	1966
19660024407	Motion of a rigid body under the effect of rotation of an internal flywheel	1966
19660024408	Optimal conditions of decelerating the rotational motion of a symmetric body	1966
19660024409	The influence of low temperature on the development of microorganisms. Part IV - The influence of low temperature on the growth of molds	1966
19660024410	Theory of pulse discharges in a liquid medium	1966
19660024411	Spectral albedo of natural grounds	1966
19660024412	Radiative heat transfer near the stagnation point of a blunt body	1966
19660024414	Electron diffraction study of the oxidation process of thin films of intermetallic compounds of the system nickel-aluminum	1966
19660024415	Effect of crystalline structure on the photoelectric properties of thin layers of cadmium sulfide	1966
19660024426	Solid lubricants Technology survey	1966
19660024429	Diffusion of uranium in molybdenum, niobium, zirconium, and titanium	1966
19660024430	Bibliography on ground-water pollution and waste water purification	1966
19660024431	The vapor composition in the halide systems of certain alkali and alkali earth metals	1966
19660024432	Investigations of effect of interstitial impurities on the structure and properties of tungsten single crystals	1966
19660024433	Use of the method of "removal cross section" for the computation of shielding not containing hydrogen	1966
19660024434	An unsteady thermal laminar boundary layer on a semi-infinite plate in a viscous flow	1966
19660024435	An important step in space medicine. Some results of the experiment on the Cosmos 110 satellite	1966
19660024474	Changes in appetite for water, glucose, sodium, and potassium in rats when the sodium pump is inhibited by strophanthin-K	1966
19660024475	Space photography for the geographical study of the earth	1966
19660024476	Adsorption behavior of organic compounds	1966
19660024477	Enhancement of convective heat transfer in channels by means of artificial flow turbulence	1966
19660024688	Relationship of the albedo of Venus to wavelength in the ultraviolet band of the spectrum	1966
19660024690	On the question of calculation of radiation in one-dimensional movement of monatomic gas	1966
19660025077	Non-glassy inorganic fibers and composites	1966
19660025405	Energy transfer through evacuated nonmetallic materials	1966
19660025536	Automatic Regulation and Control Selected Parts	1966
19660025566	Minimal Forms of Symmetrical Boolean Functions of Any Number of Variables	1966
19660025613	The maximum deviation of sample spectral densities Technical report no. 16	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660025953	Biophysical Evaluation of the Human Vestibular System First Semiannual Status Report	1966
19660026278	Study of the Mechanism of Porosity Formation in Welds	1966
19660026280	Effects of Porosity on Mechanical Properties of 2014-T6 and 2219-T87 Aluminum Welds	1966
19660026487	Information Processing and Data Compression for Exobiology Missions Status Report, Oct. 1965 - Mar. 1966	1966
19660026514	Temperature Preference in Golden Hamsters	1966
19660026643	Vacuum effects on solid-propellant rocket fuel	1966
19660026662	Mineralogical-structural features of the Sevryuk stony meteorite	1966
19660026663	Opaque minerals of stony meteorites	1966
19660026664	Instability criteria in the study of minimizing rolling and pitching	1966
19660026665	State of development of the Giessen ion engine	1966
19660026666	Titrimetric semimicro determination of functional groups in humic preparations	1966
19660026667	Prospects of piston and turbojet engines for light aircraft	1966
19660026668	Production of high plasma velocities by heating and self-magnetic acceleration in electric arcs	1966
19660026691	Gnotobiotic survey report	1966
19660026844	Computation of light and electric parameters of gas discharge xenon, direct current lamps	1966
19660026845	Ohmic transport contact for A2B6-type photoconductors	1966
19660026846	Adsorption of barium atoms and barium oxide molecules on tungsten, II	1966
19660026847	Preparation of CdS single crystals and their structural and electrophysical properties	1966
19660026848	Investigation of chromium-iron molybdenum and chromium-iron tungsten alloys	1966
19660026849	Velocity of a plasma jet	1966
19660026850	Boundary layer relationships resulting from an approximation of the viscosity of equilibrium dissociating air	1966
19660026851	Aerodynamic disturbances of profiles in subsonic steady flow	1966
19660026852	Method of calculating the effect of a gust on an arbitrary thin wing	1966
19660027009	Transfluxors and their application in automation and remote control	1966
19660027036	Symposium on Passive Gravity-Gradient Stabilization	1966
19660027050	Energy Approach to Passive Gravity-Gradient Stabilized Satellite Capture Problem	1966
19660027189	Higher Organisms on Mars	1966
19660027517	Summary of relevant particle measurements made from satellites	1966
19660027836	Soviet rocketry - Some contributions to its history	1966
19660027847	Metallurgy of rare metals	1966
19660028061	New determination of zonal harmonics coefficients of the earth's gravitational potential	1966
19660028355	Orbiting Solar Observatory	1966
19660028653	Study of contamination sensors. Volume II - Final technical report	1966
19660028815	Study on exhaust plume radiation predictions Interim technical progress report, 1 Jun. 1964 - 30 Nov. 1965	1966
19660029070	Breguet.941 - Identification, performance, flight qualities	1966
19660029196	The first panoramic views of the lunar surface	1966
19660029198	Preparing contractor reports for NASA - Data presentation	1966
19660029432	Ultraviolet Measurements in Planetary Atmospheres	1966
19660029496	Development of a meteoroid penetration distributed transducer Final report, 13 May 1965 - 12 Aug. 1966	1966
19660029506	A study of man's physical capabilities on the Moon. Volume II, part 1 - Biomechanics research program	1966
19660029507	A study of man's physical capabilities on the Moon. Volume II, part 2 - Biomechanics research program appendices	1966
19660029572	Study of low-acceleration space transportation systems Technical report, Jul. 1964 - Jun. 1965	1966
19660030646	Hydrogen-oxygen electrolytic regenerative fuel cells Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19660030650	Method on anisotropy determination of large-scale ionosphere irregularities by the radioastronomical method	1966
19660030692	Experimental research on electric propulsion. Note VII - Analysis of the performance of an arcjet driven by hydrogen and nitrogen	1966
19660040750	Superconducting Transition of a Rotating Superconductor - The Hollow Cylinder.	1966
19660041586	A comparison of two types of extinction following fixed-ratio training.	1966
19660042450	The search for extraterrestrial life.	1966
19660042660	Preliminary Nozzle Weight Determination	1966
19660042661	Effect of Liquid Nitrogen Dilution on LOX Impact Sensitivity	1966
19660043014	Oxidation of graphitic carbon in certain soils.	1966
19660044209	Miniature long-life temperature telemetry system.	1966
19660045675	Possible abiogenic origin of some naturally occurring hydrocarbons.	1966
19660045977	NASA Sterilization Needs	1966
19660045988	A review of the expected visual environment of Mars and a discussion of some questions related to visual, photographic, and radiometric experiments.	1966
19660047443	Water consumption by man in a warm environment - A statistical analysis.	1966
19660047983	Photographic observations of the entry of Echo II into the earth's shadow.	1966
19660048018	Some characteristics of the resistance transfer factor /RTF/ episome as determined by inactivation with tritium, P super 32, and gamma radiation.	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660049576	Resolution and separation of racemic amino acids by gas chromatography and the application to protein analysis.	1966
19660050676	A discussion of the planetary quarantine constraints.	1966
19660050706	Biological and engineering aspects of spacecraft sterilization.	1966
19660050788	Initial Results from the Mariner 4 Solar Plasma Experiment	1966
19660051203	Test environments associated with the sterilization of planetary capsules.	1966
19660051206	Microbiological contamination control in spacecraft sterilization.	1966
19660052093	Stress and dietary influence on the direct oxidative pathway of carbohydrate metabolism in the intestine.	1966
19660052752	Electrical conductivity of concentrated phosphoric acid from 25 deg to 60 deg C.	1966
19660052860	Development of a Standard Prolonged Work Test for the Evaluation of Fatigue and Stress in Man	1966
19660052904	Water-Vapor Electrolysis	1966
19660053018	Complete fractionation of bacteriochlorophyll and its degradation products.	1966
19660053264	Early effects of corticosterone on amino acid incorporation by rat liver systems subsequent to its in vivo injection.	1966
19660053401	Space science and applications - Where we stand today.	1966
19660053402	Space applications - Growing worldwide systems.	1966
19660055664	The practical problem of landing on Mars.	1966
19660056286	Survival and growth of potential microbial contaminants in severe environments.	1966
19660056287	Some developments in sterilization for planetary probes.	1966
19660056288	Spacecraft sterilization - Implications and suggestions.	1966
19660057141	Korotkoff sounds at diastole - A phenomenon of dynamic instability of fluid-filled shells.	1966
19660057146	Radiation-stimulated DNA synthesis in cultured mammalian cells.	1966
19660057764	Physical properties of a DNA-DEPENDENT RNA POLYMERASE from Escherichia coli.	1966
19660058014	Analysis for sulfur compounds in lipid extracts from the Orgueil meteorite.	1966
19660060502	Telemetry system for the acquisition of circadian rhythm data.	1966
19660060710	Simultaneous nonlinear estimation.	1966
19660061196	Mars - New absorption bands in the spectrum.	1966
19660061834	Pressure vessels for the Apollo spacecraft.	1966
19660062952	Giving form to our space goals - Recent lessons and new directions.	1966
19660065259	Absolute threshold for visual slant - the effect of stimulus size and retinal perspective.	1966
19660065265	Absolute judgments of duration.	1966
19660065366	Acute tetramethyl lead and trimethyl lead chloride poisoning in the rat - histopathological and biohumoral observations intossicazione acuta da piombo tetrametile e da cloruro di piombo trimetile nel ratto - osservazioni istopatologiche e biomorali.	1966
19660065433	An asymmetrical transfer effect in research on knowledge of performance.	1966
19660065436	A preliminary study of a test for air traffic controllers.	1966
19660065546	Behavior of carbon dioxide and other volatiles on mars.	1966
19660065557	Physical activity and air travel in cardiac patients attivita fisiche e viaggi in aereo nei cardiopatici.	1966
19660065606	Influence of age on liver glycogenesis in rats exposed to acceleration stress.	1966
19660065734	Selection strategies in concept attainment as a function of number of relevant problem attributes.	1966
19660065875	Inhibition of photophosphorylation and photosynthetic carbon cycle reactions by fatty acids and esters.	1966
19660067953	Drawing of poly /vinyl chloride/ polymerized at low temperature	1966
19660068098	Capacitance Propellant Utilization System	1966
19660068165	Interpretation of the fluctuations in optical radar echoes from the atmosphere	1966
19660068550	The venomotor center and venous reflexes. II - Blood pressure suction and venous reflexes	1966
19660068552	Efficiency of physiological regulation	1966
19660068558	1,3-dialkylmercaptobenzenes as stationary liquids for gas chromatography	1966
19660068559	Slow decomposition of explosives and tests of chemical stability	1966
19660068560	Notch stresses in bodies of finite dimensions with two symmetrical notches, when loaded by separate forces	1966
19660068561	The toxicology of carbon disulfide	1966
19660069060	Radiation induced conductivity in insulators	1966
19660069089	Analysis of secondary-flow-control methods for confined vortex flows /U/	1966
19660069156	Investigation of gelled liquid oxidizing agents /U/ Annual summary report, Jul. 1964 - Apr. 1965	1966
19660069377	AS-201 launch vehicle dynamics analyses	1966
19660069443	The Foxboro Company electronic thermistor converter, model Q100A1183 Test report	1966
19660069458	Theoretical and experimental investigations in the electromagnetic, radiative, and thermodynamic properties of ionized flows of gases, and in plasma boundary conditions at conducting and non-conducting walls	1966
19660069469	Development of an adhesive system for fastening mylar /polyester/ and H-film /polyimide/ flat conductor cables to surfaces of space vehicles Final technical report, 5 Nov. 1964 - 4 Nov. 1965	1966
19660069478	Reactor engineering and fuel element studies, radiobiology and health physics Status and progress report, Dec. 1965	1966
19660069498	Progress in the fields of reactor development, physical research, biology and medicines Status and progress report, Jan. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660069528	Solar flare project - Observations of the solar chromosphere Progress report no. 6, Jun. 30 - Nov. 30, 1965	1966
19660069613	A simplified method for dynamic stress analysis of axially symmetric solid propellant grains	1966
19660069698	The physiology and pathology of water metabolism and heat regulation on the part of the skin	1966
19660069719	Physiology and physiological chemistry of perspiration, with a contribution to the general physiology of gland activity	1966
19660069721	Investigations of the germination of some strains of Arabidopsis thaliana /L/ heynh. A contribution to the problem of light germination	1966
19660069724	Insensible perspiration - Its nature and causes	1966
19660069732	Electrocardiograph patterns of myocardial damage from serotonin	1966
19660069733	Petrology. Eruptive rocks /excerpts/	1966
19660069734	Silicium photoelements for measurement of high gamma-dosage efficiency	1966
19660069735	On the application of the argon-ionization detector to trace analysis of inorganic gases	1966
19660069736	Universal automatic recording liquid chromatography	1966
19660069737	Investigation of the pyroelectric properties of certain crystals and their application for the detection of radiation	1966
19660069747	Analysis of inorganic gases using gas- chromatography with a radioactive ionization detector	1966
19660069777	Contribution to the physiology of the tropics investigations of respiratory metabolism, blood regeneration, blood pressure, respiratory mechanics, and heat regulation in the tropics and meteorological factors of tropical climates	1966
19660069818	Multidisciplinary Research in Space-related Sciences and Engineering Semiannual Report	1966
19660069821	Nimbus C. Launch operations plan	1966
19660069861	Investigation of metabolic agent in African lungfish Seventh quarterly status report, Oct. 1 - Dec. 31, 1965	1966
19660069866	Development and evaluation of food items suitable for use in a 30 day-space mission Quarterly informal progress report no. 1, 11 Oct. 1965 - 11 Jan. 1966	1966
19660069868	Study of manned space investigations in X and gamma ray astronomy Final report	1966
19660069874	Effects of radiation on gastro-intestinal function and cyclic turnover of intestinal epithelium First semiannual status report	1966
19660069881	Sandia Corporation aerospace nuclear safety quarterly report, October 1 to December 31, 1965	1966
19660069958	Liquid oxygen and fuel prevalves for NASA SATURN program Fortieth and forty-first monthly progress report, 1 Oct. - 30 Nov. 1965	1966
19660069975	Theoretical and experimental studies of radiation absorption and emittance characteristics and their control for potential space vehicle surface materials Monthly progress report no. 30, 1 Jan. 1966	1966
19660069976	Reliability estimate and analysis report for NASA vehicles /vehicles 6202 and 6502/	1966
19660069978	Studies at Texas A&M University Progress Report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660069982	ISIS-X Agena vehicle 6102 flight evaluation and performance analysis report	1966
19660069983	Failure Criteria for Viscoelastic Materials Semiannual Status Report, 1 Jul. - 31 Dec. 1965	1966
19660069998	Cryogenic insulation research Quarterly progress report no. 5, 1 Sep. 1965 - 1 Jan. 1966	1966
19660070039	Studies of development of stress response mechanisms Progress report, Jul. 1 - Dec. 31, 1965	1966
19660070073	Infrared Spectrometer Development for Space Vehicle Study of Planetary Atmospheres Second Annual Report, Mar. 1, 1965 - Feb. 28, 1966	1966
19660070107	AS-201 Launch Vehicle Flight Mechanical Summary /U/	1966
19660070181	Functional derivatives of phenyltrichlorosilane	1966
19660070260	Development of ultrahigh strength, low density, aluminum plate composites Tenth quarterly report /Progress report no. 30/, Oct. 1 - Dec. 31, 1965	1966
19660070264	Response of linear, viscous damped systems to excitations having time-varying frequency	1966
19660070288	EOGO Agena vehicle instrumentation handbook	1966
19660070292	Pogo analysis of the Saturn propulsion system Final report	1966
19660070316	Airborne Instrumentation Platform /AIP/. VOLUME I - Summary of program results Final report, 1 Oct. 1964 - 31 Aug. 1965	1966
19660070330	Development and fabrication of mechanically compensated crystal units First quarterly report, 1 Jul. - 30 Sep. 1965	1966
19660070346	Hall effect and mobility of charge carriers in a molecular crystal /copper phthalocyanine/	1966
19660070359	Multizone structure of the hydration atmospheres of ions	1966
19660070382	Liquid oxygen and fuel prevalves for NASA SATURN program Forty-second monthly progress report, Dec. 1-31, 1965	1966
19660070390	OGO-B system test objectives	1966
19660070400	Development of bar process for TD NICKEL-MOLYBDENUM alloy Interim report, 1 Oct. - 31 Dec. 1965	1966
19660070414	Development of a 50 KVA laboratory prototype superconducting ac generator Third quarterly report, Oct. 1 - Dec. 31, 1965	1966
19660070422	Optical propagation study Final report	1966
19660070439	Propellant combustion phenomenon during rapid depressurization Quarterly report no. 2, 1 Oct. - 31 Dec. 1965	1966
19660070449	Theory of Optical Masers Semiannual Status Report, 1 Jul. - 31 Dec. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070451	Research on Techniques and Procedures for the Cultivation of Hydrogen-fixing Bacteria Eleventh Quarterly Status Report, Oct. - Dec. 1965	1966
19660070459	Nike-Apache Speedball II, Round no. 84 SN 39 /16 December 1965/	1966
19660070493	The general and comparative biology of terrestrial organisms under experimental stress conditions Interim quarterly resume	1966
19660070494	Measurement of intensity of turbulence in drag reducing and non-drag reducing organic solutions Second semiannual report, 1 Aug. 1965 - 1 Feb. 1966	1966
19660070498	A study to develop methods for calculating the hypersonic aerodynamic characteristics of arbitrary three-dimensional shapes	1966
19660070520	A digest of literature related to detecting buried ferrous objects and earth voids by magnetic methods Summary report	1966
19660070531	An investigation of the direct interaction theory of nuclear reactions Status report, 1 Jul. 1965 - 1 Jan. 1966	1966
19660070538	Investigation of a 30,000 rpm turbine-driven hydraulic pump Quarterly progress report, Oct. 1 - Dec. 31, 1965	1966
19660070551	Nike-Apache Speedball II, round no. 79, SN 32 /10 November 1965/ Meteorological data report	1966
19660070552	Nike-Apache Speedball II, round no. 81, SN 36 /10 December 1965/ Meteorological data report	1966
19660070561	Nike-Apache rockets SR-020 and SR-021 /8 December 1965/ Meteorological data report	1966
19660070576	Solid rocket motor vehicle optimization computer program Final report	1966
19660070578	A study of the rolling motion of the Aerobee 350 Quarterly progress report no. 1, 22 Sep. - 22 Dec. 1965	1966
19660070579	Discrepancy analysis of preflight equipment failures, January 1966 - NASA satellites and probes program	1966
19660070598	Consolidated quarterly progress report, period ending January 31, 1966	1966
19660070601	Multimode response of panels to sonic boom	1966
19660070603	Design, development, testing and fabrication of a thermoelectric cryogenic sensor Second quarterly report, 29 Sep. - 28 Dec. 1965	1966
19660070632	The aerodynamic characteristics of an ogive cylinder with split-skirt stabilizer at subsonic, transonic and supersonic speeds	1966
19660070635	Evaluation of characteristics affecting attainment of optimum properties of ablative nozzle components Quarterly technical report, 1 Oct. - 22 Dec. 1965	1966
19660070652	Feasibility study of piezotransistor accelerometer Bimonthly status report no. 2, 31 Dec. 1965 - 28 Feb. 1966	1966
19660070653	Investigation of properties of rare earth ions Semiannual status report, 1 Sep. 1965 - 28 Feb. 1966	1966
19660070662	Narrow-band sensitive emulsions Final report, Jun. 1964 - 30 Nov. 1965	1966
19660070664	Analysis of responses of a mechanical structure in global vibration tests	1966
19660070665	Analysis of heavy elements /Z greater than 80/ with the Castaing microprobe - Application to the analysis of binary systems containing uranium	1966
19660070666	Contribution to the study of the acclimitization of man and higher vertebrates to the Antarctic, especially to the Adelie Land	1966
19660070667	Research on the length of the standing wave in the human arterial system	1966
19660070668	Effect of stimulation of temperature on the arterial pulse	1966
19660070669	Relations between atmospheric humidity and water vapor dissipation	1966
19660070670	Steel-spring tires	1966
19660070671	The theory of pulse waves	1966
19660070672	Research on a tube wind tunnel model with a Mach number range from M equals 3 to 6	1966
19660070673	Length of standing waves in human arm artery	1966
19660070674	Thermal decomposition and combustion processes in explosives	1966
19660070675	Respiration and acid-base equilibrium with continued administration of 3 percent CO2	1966
19660070676	Sports and climate	1966
19660070707	Investigation of a high pressure liquid metal centrifugal pump Quarterly report, 1 Sep. - 30 Nov. 1965	1966
19660070719	Apollo service module - Reaction control system engine injector chamber seal study Second quarter report	1966
19660070726	Prediction of heat transfer in multiple glaze transparencies, phase I Final report	1966
19660070826	Thermodynamic data for helium-3 refrigeration systems Quarterly progress report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660070827	Demonstration of a submerged cooled nozzle Quarterly technical progress report no. 1, 1 Oct. - 31 Dec. 1965	1966
19660070830	Liquid rocket system conjugate structure and tankage program Written progress report no. 2, 1 Oct. - 31 Dec. 1965	1966
19660070831	Improved thin-film solar cells Final technical report, 16 Nov. 1964 - 15 Nov. 1965	1966
19660070844	Anisotropic liquids for detection of contaminants Fifteenth letter report	1966
19660070849	A Boolean technique for interdiction targeting	1966
19660070854	XC-142A V/STOL transport tri-service limited category I evaluation	1966
19660070860	Chemical vapor deposited materials for electron tubes Second quarterly report, 15 Aug. - 14 Nov. 1965	1966
19660070876	Inorganic chemistry in Scandinavia	1966
19660070877	Minor system design for a microfilm reader	1966
19660070903	Application of the finite element method to stress analysis of solid propellant rocket grains, volume II, part I	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660070925	Transonic Longitudinal Aerodynamic Characteristics of a Wing-fuselage Bomber Configuration Having a Variable-sweep Wing /U/	1966
19660070964	Preliminary test results for miniature snap action rotary switch Second quarterly report, Jul. 31 - Oct. 30, 1965	1966
19660070971	Artificial Atmospheric Generator /AAG/ EXPERIMENT Final report, 18 May - 19 Jun. 1964	1966
19660070975	Small diameter, thin walled columbium alloy tubing program Interim engineering progress report, 15 Oct. 1965 - 15 Jan. 1966	1966
19660070976	Extra flexible tactical cable Sixth quarterly report, 1 Jul. - 30 Sep. 1965	1966
19660070981	Zinc electrode investigation Quarterly technical progress report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660070990	Behavioral research and experimental analysis of complex behavioral repertoires under full environmental control Semiannual status report, Aug. 1, 1965 - Jan. 31, 1966	1966
19660070993	Research in high energy nuclear physics Semiannual progress report no. 1	1966
19660070994	Investigation of electro-optical techniques for controlling the direction of a laser beam. Part I - Beam deflector devices. Part II - Beam deflector systems	1966
19660070995	Performance specifications for a meteorological satellite lidar Quarterly report no. 4, 1 Nov. 1965 - 1 Feb. 1966	1966
19660070996	Feasibility of simulating thermal environments for meaningful evaluation of ablating materials Quarterly progress report no. 11, Nov. 1, 1965 - Jan. 31, 1966	1966
19660071003	Analytical and experimental studies of random vibration	1966
19660071015	Multidisciplinary, space-related research in engineering and the physical and life sciences Semiannual progress report no. 2, Mar. 1, 1965 - Mar. 1, 1966	1966
19660071020	Model study of ionosphere perturbations and propagation between two sites Quarterly report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660071025	A study of the surface barrier silicon detector Quarterly progress report, Oct. 1 - Dec. 30, 1965	1966
19660071059	Program to develop an inorganic separator for a high temperature silver-zinc battery Quarterly progress report, Jul. 29 - Oct. 29, 1965	1966
19660071083	Magnetic induction gyroscope research and development Quarterly technical report no. 7, 15 Sep. - 15 Dec. 1965	1966
19660071114	The deformation and fracture of mild steel Charpy specimens Technical report no. 2	1966
19660071137	Investigation of a process for the production of metallic filaments Third quarterly progress letter report, 9 Oct. - 8 Jan. 1966	1966
19660071163	Design, fabrication, and test of small-scale storable-propellant vessels Final report, May - Sep. 1965	1966
19660071177	Feasibility study of minimum manned lifting body entry vehicle Summary report	1966
19660071186	The determination of carbon dioxide content of monoethanolamine solutions	1966
19660071202	Feasibility study of minimum manned lifting body entry vehicle, volume II Final report	1966
19660071209	Analysis of twist and lean of tall towers	1966
19660071250	Feasibility demonstration of a single-chamber controllable solid rocket motor /U/ Second quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660071251	Basic research in solid oxygen oxidizers /U/ Seventh quarterly report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660071255	Demonstration of a single-chamber dual-thrust motor /U/	1966
19660071263	Solid rocket propellant research and development /U/ Annual report, Jan. 1 - Dec. 31, 1965	1966
19660071265	Research on alanizine formulations /U/ Special report no. 3	1966
19660071270	Combustion of high-energy solid propellants /U/ Third quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660071274	High density, high temperature binders for solid propellants /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660071281	Environmental analysis, ABRES INSTRUMENTATION and Range Safety System /AIRSS/ telemetry set	1966
19660071283	Dynamic response analysis of UH-1B HELICOPTER Final report	1966
19660071294	Aerobee NASA 4.50 UG /2 February 1966/ Meteorological data report	1966
19660071296	Delta project Final report, Jul. 1964 - Feb. 1965	1966
19660071306	NF-104A Aerospace Trainer evaluation, appendix III	1966
19660071326	Development of thin film sensors for electromagnetic interference measurements Final report, Apr. 16, 1965 - Feb. 25, 1966	1966
19660071329	Extended Apollo systems utilization study, addendum 1, Volume 2 - Experiment analysis and requirements. Appendix A - NASA EXPERIMENTS, book 1 Final report	1966
19660071332	Mechanism of catalytic ignition and combustion of solid rocket propellants Bimonthly report, Sep. 21 - Nov. 20, 1965	1966
19660071338	Synthesis and evaluation of high energy carboxyl terminated polymers /U/ Final technical report, Jun. 10 - Dec. 10, 1965	1966
19660071342	High energy oxidizer stabilization /U/ Quarterly progress report, Sep. 15 - Dec. 31, 1965	1966
19660071343	Orientation of staple in fast burning propellants /U/	1966
19660071344	Weapon A propulsion unit. MK 2 Mod O type life program /U/ Final report	1966
19660071353	Advanced Rocket Engine - Storable /U/ Second quarterly technical report, Oct. 1 - Dec. 31, 1965	1966
19660071357	Explosives research and development - Propulsion Development Department review /U/ Progress report, Jul. 1 - Dec. 30, 1965	1966
19660071367	Athena flight no. 035 /10 December 1965/ Meteorological data report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071380	High energy solid propellant combustion efficiency investigation /U/ First quarterly report	1966
19660071401	F-4C Category II systems evaluation /U/ Technical report, 27 Apr. 1962 - 18 May 1965	1966
19660071402	Evaluation of high-energy materials as liquid propellants /U/ Tenth quarterly progress report	1966
19660071410	A dual-mode rocket-ramjet propulsion system /U/ Third quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660071414	Slurry fuel research program for advanced Navy applications /U/ Final report, 21 Dec. 1964 - 21 Dec. 1965	1966
19660071423	Structural and synthesis study of inorganic oxidizers /U/ Quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660071443	OAQ system test objectives	1966
19660071444	Optically accessed memory	1966
19660071451	Range safety aerodynamic characteristics of the Apollo-Saturn IB vehicles	1966
19660071453	High-temperature gas generator Final report, 1 Jul. 1964 - 1 Aug. 1965	1966
19660071454	Research on growth of plane-stress flaws in thin walled cryogenic material, Volume 6 Sixth quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660071456	Conference on Solid State Physics, 4-7 January 1966, Manchester, England	1966
19660071487	Athena flight no. 034 /6 December 1965/ Meteorological data report	1966
19660071493	3.2 millimeter wave oscillator Quarterly report no. 1, 1 Jul. - 30 Sep. 1965	1966
19660071500	Development of preamplifier demodulator circuit Final report	1966
19660071501	Protective coatings for refractory metals in rocket engines Final report, Dec. 15, 1964 - Dec. 15, 1965	1966
19660071515	Columbium, tantalum, and molybdenum Review of recent developments	1966
19660071529	Infrared sensor arrays /U/ Second interim report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660071535	Research and development toward a castable, temperature resistant plastic bonded explosive /U/ Quarterly report, Oct. - Dec. 1965	1966
19660071544	Zone selection in multiparameter analysis	1966
19660071549	Distribution and intensity of sky and earth radiation in the 2000-9000 angstrom region	1966
19660071550	Low temperature irradiation applied to neutron activation analysis of mercury in human whole blood	1966
19660071555	The effect of fast-neutron irradiation on the C33 elastic modulus of highly oriented pyrolytic graphite	1966
19660071574	Evaluation of the albedo integral for Mark I Technical report, Feb. - Aug. 1964	1966
19660071579	Apollo unified S-band system block II COMPATIBILITY test program Final report	1966
19660071588	Data evaluation of ground and environmental measurements on SA-10 launch Final report	1966
19660071589	The effect of bending dynamics and control gain on the bending moment	1966
19660071590	Saturn S-1-8 static test vibration and acoustic data	1966
19660071605	Material processing and phenomena investigations for functional electronic blocks Second interim technical report, 16 Sep. - 15 Dec. 1965	1966
19660071607	Nike-Apache Speedball II, round no. 82 SN 37 /14 December, 1965/	1966
19660071644	A study of systems for space propulsion Quarterly progress report no. 20, 1 Nov. 1965 - 31 Jan. 1966	1966
19660071645	The development of techniques for the use of rotifers, nematodes and tarigrades in behavioral experiments and the desiccation of appropriate species for extraterrestrial experiments Progress report, Jun. 1, 1965 - Feb. 1, 1966	1966
19660071661	Cold flow rocket tests on STAFF and Polaris models at Mach 8 /U/	1966
19660071663	Demonstration tests of two types of packageable high-expansion-ratio nozzles for solid-propellant rocket motors /U/	1966
19660071665	The characteristics of several hyperflo drogue parachutes in the wake of the full-scale SV-5D vehicle at supersonic Mach numbers /U/	1966
19660071671	Static stability and drag characteristic tests on two Lockheed high lift-to-drag configurations at Mach 19 /U/	1966
19660071676	Starting characteristics and performance evaluation of the Aerojet-General Corporation YLR87-AJ-9 rocket engine at simulated altitude while being subjected to acoustical and vibrational environment, part II /U/	1966
19660071677	ALTAIR program /U/ Quarterly technical summary report no. 2, 1 Oct. - 31 Dec. 1965	1966
19660071686	Doppler optical navigator Interim engineering report no. 6, 1 Sep. - 30 Nov. 1965	1966
19660071687	Doppler optical navigator Interim engineering report no. 5, 1 Jun. - 31 Aug. 1965	1966
19660071692	Intrinsic infrared detector development Quarterly technical progress report, 1 Oct. - 31 Dec. 1965	1966
19660071698	Study of the optimization of thrust vector control systems. Volume II - Computer program description, instructions, and listing Final report	1966
19660071701	Application of the finite element method to stress analysis of solid propellant rocket grains, vol. II, part 2	1966
19660071703	Study of the optimization of thrust vector control systems. Volume III, sections 1 of 2 - Derivation of equations	1966
19660071704	Study of the optimization of thrust vector control systems. Volume I - Study program description and results Final report	1966
19660071710	Development of digital communication equipment test set AN/GYM-4// Fifth quarterly progress report, 1 Jul. - 30 Sep. 1965	1966
19660071715	Electro-spark extruding Interim technical engineering report no. 7, 1 Jan. 1965 - 1 Jan. 1966	1966
19660071717	Transonic wind tunnel tests of a conical and a hemispherical probe Technical report, Oct. 19 - Nov. 4, 1965	1966
19660071719	Exploratory evaluation of filament-wound composites for tankage of rocket oxidizers and fuels Technical report, Jun. 1964 - Sep. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071720	Energy storage substation concepts for aircraft actuation functions Second quarterly technical report, 31 Oct. - 31 Dec. 1965	1966
19660071724	Fiber reinforced rubber vulcanizates	1966
19660071726	Meteorological data report - Aerobee KP 3.11 /18 January 1966/	1966
19660071731	Meteorological data report - Aerobee NC 3.186 /26 January 1966/	1966
19660071732	Meteorological data report - Athena Flight 036 /21 January 1966/	1966
19660071733	Study of contact failures in semiconductor devices Second technical documentary report, 22 Mar. - 21 Jul. 1965	1966
19660071735	Dynamic compression testing of a strain-rate material	1966
19660071736	Airborne phased array antenna signal processing techniques Interim engineering report no. 2, 1 Nov. 1965 - 31 Jan. 1966	1966
19660071784	Some advances in combustion and plasma flame spray coatings	1966
19660071796	Research and development on mathematical- analytical techniques in casting Fourth interim engineering progress report, 1 Sep. - 31 Dec. 1965	1966
19660071797	SNAP-50/SPUR generator development program Quarterly technical progress report, 1 Oct. - 31 Dec. 1965	1966
19660071800	Development of manufacturing methods for deposition forming Interim progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660071802	High temperature extrusion lubricants Second interim technical progress report, 15 Oct. 1965 - 15 Jan. 1966	1966
19660071804	The mechanical properties of tungsten and TZM sheet produced in the refractory metal sheet rolling program. Part 2 - Statistical analysis of the tensile properties of the TZM sheet	1966
19660071807	Laser ablation of holes in thin films	1966
19660071811	SNAP-50/SPUR frequency converter, preliminary design and specification Technical report, Jan. 1964 - Jun. 1965	1966
19660071821	Development of a 1 watt, 2 kHz silicon UHF power transistor First quarterly report, 1 Aug. - 31 Oct. 1965	1966
19660071826	Capability and cost study for component and model test facility, phases I and II, SUPPLEMENT 6, special systems	1966
19660071833	Study of the optimization of thrust vector control systems. Volume III - Derivation of equations, section 2 Final report	1966
19660071852	Determination of Apollo emergency impact limits Quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660071863	Airborne terrain following evaluation system Second quarterly report, 20 Jul. - 20 Oct. 1965	1966
19660071874	Microbiological investigations Final report, Jul. 1, 1964 - Jun. 15, 1965	1966
19660071878	Heat transfer and instability studies of two-phase flow phenomena Third semiannual progress report, 1 Sep. 1965 - 28 Feb. 1966	1966
19660071879	Investigation of cooling problems at high chamber pressures Quarterly progress report, period ending 29 Dec. 1965	1966
19660071895	Solution and conductivity studies of fluorine-containing oxidizers and ionic fluoride compounds Final technical report, 10 Jun. 1963 - 31 Dec. 1965	1966
19660071896	Dipole moment function and vibration-rotation matrix elements for CO	1966
19660071897	Exploratory development on coupling schemes for plasma amplifiers Interim technical report, 1 Sep. - 1 Dec. 1965	1966
19660071917	Preliminary design of a Mars-mission earth reentry module	1966
19660071919	Energy levels and crystal-field splittings of Nd ³⁺ plus in yttrium oxide	1966
19660071921	Meteorological data report - Nike-Apache STV /SR-023/ /24 January 1966/	1966
19660071922	Meteorological data report - Nike-Apache STV /SR-022/ /18 January 1966/	1966
19660071927	System effects on propellant storability and vehicle performance Third quarterly report, 24 Oct. 1965 - 23 Jan. 1966	1966
19660071928	Process development for precision forging columbium base alloys Interim engineering progress report, 10 Sep. 1965 - 10 Jan. 1966	1966
19660071929	Positive expulsion bladders for storable propellants Summary technical report, 15 May 1964 - 15 May 1965	1966
19660071930	X-ray and neutron diffraction studies of zeolite inclusion complexes and other substances Final report, 10 Jan. 1962 - 31 Dec. 1965	1966
19660071931	Evaluation of broadbanding techniques in high power klystron tubes Final technical report	1966
19660071932	RF-4C category II performance and stability test Final report	1966
19660071933	Advanced tuning techniques First quarterly report, Jul. 1 - Oct. 30, 1965	1966
19660071935	Development of refractory extrusion liners Interim engineering progress report, 15 Oct. 1965 - 15 Jan. 1966	1966
19660071940	Micropower functional electronic blocks Interim technical report, 15 Aug. - 15 Nov. 1965	1966
19660071943	Flame spreading over the surface of igniting solid rocket propellants and propellant ingredients	1966
19660071944	Effects of reproducible magnetic fields on the growth of cells in culture Third quarterly report, Nov. 1, 1965 - Jan. 31, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660071945	Auditory masking - A study of its physiological mechanism and of correlations between physiological and psychological observations Progress report, third quarter, year ending Apr. 1, 1966	1966
19660071946	Research in basic bioscience during manned earth-orbiting missions Annual progress report	1966
19660071951	Radiation effects on the metabolism of phospholipids in the central nervous system of albino rats. Effect of X-rays on functional groups of phospholipids Progress report I	1966
19660071952	The role of brown fat in the thermogenesis of animals and man Progress report	1966
19660071954	Transient thermal modeling of spacecrafts Semiannual status report no. 1, Sep. 1, 1965 - Mar. 1, 1966	1966
19660071960	Machinability of materials Final report, 15 May 1964 - 31 Dec. 1965	1966
19660071962	Meteorological data report. Nike-Apache Speedball II rockets - Round no 85 SN 40, and round no 86 SN 41	1966
19660071966	Cryoelectric receiver techniques Final report, 30 Dec. 1963 - 30 Jun. 1965	1966
19660071971	F-4C category II performance test Final report, 17 Jan. 1964 - 12 Apr. 1965	1966
19660071975	Trajectory estimation and error analysis tristatic tracking system	1966
19660071976	Fiber-reinforced metallic composite materials Interim engineering progress report, phase II 1 Aug. - 1 Dec. 1965	1966
19660071978	Model designation of military aircraft, rockets and guided missiles /Department of Defense/	1966
19660071979	Program 624 A quarterly reliability and quality assurance report. Volume I - Reliability	1966
19660071986	HYDRA-IRIS field handbook	1966
19660071987	HE-NE gas laser output power measurement using a semiconductor photodiode	1966
19660071989	Mixing, transfer, and flow measurement of metal loaded gelled hydrazine Summary report, Jul. 1963 - Jul. 1965	1966
19660071992	Plasma losses in a toroidal theta pinch with superimposed hexapole	1966
19660072011	Accuracy and dispersion of unguided, air-launched rockets	1966
19660072016	The use of high-melting metals in military technology	1966
19660072019	Biological effects of prolonged exposure of small animals to unusual gaseous environments Semiannual report, 1 Sep. 1965 - 28 Feb. 1966	1966
19660072021	Development of Bearingizing and Roll-A-Fishing tools for sizing aluminum and stainless tubing Final report	1966
19660072022	Investigation of the ignition and combustion of metal wires Progress report no. 10, Jan. 16 - Feb. 15, 1966	1966
19660072045	Determination of local heat transfer for fluid flow through porous matrices	1966
19660072058	Single crystal hexagonal ferrites Final report, 15 Apr. 1963 - 31 May 1965	1966
19660072059	Evaluation of composite materials for gas turbine engines Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1966
19660072067	Fabrication and study of photoconductor- tunneling electron emitter Interim technical report, 8 Sep. - 7 Dec. 1965	1966
19660072070	Micropower functional electronic blocks Interim technical report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660072074	Single site position location investigation Quarterly report no. 1, Jul. - 30 Sep. 1965	1966
19660072078	Vibrations of steam turbine rotors	1966
19660072079	Synthesis of edible fats	1966
19660072080	Synthetic food	1966
19660072081	Transverse vibrations in steam turbine rotor disks	1966
19660072082	Fundamental vibration of the arterial pulse	1966
19660072083	Relationships between central and peripheral pulses, as locus curves	1966
19660072088	Stochastic assembly-statistics of relevance to a model of time-dependent fracture	1966
19660072089	Ionosphere experiments of the Max-Planck Institute for Physics and Astrophysics	1966
19660072090	Analysis of a mixture of CO ₂ , H ₂ S, COS, CS ₂ , and SO ₂ by gas-liquid chromatography	1966
19660072091	Linear programming Technical report, Apr. - Sep. 1965	1966
19660072093	Burnout resistant X band hot carrier detectors Quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660072094	Display data recording by laser Quarterly report, 1 Jul. - 30 Sep. 1965	1966
19660072095	Low temperature synthesis of fluorine- containing species Annual report, 1 Feb. 1965 - 31 Jan. 1966	1966
19660072096	Lithium anode limited cycle battery investigation Quarterly technical progress report	1966
19660072099	Pre-allocation of resources to potential contingencies	1966
19660072101	Status of MHD accelerators for test facilities	1966
19660072102	Research on dispersion strengthened cobalt- base alloys Director's fund report, 15 Feb. 1965 - 14 Feb. 1966	1966
19660072104	Optical properties of binary gas plasmas Technical report, 15 Jan. - 14 Nov. 1965	1966
19660072105	Solid state techniques for modulating optical waves Quarterly report no. 2, 1 Jul. - 1 Oct. 1965	1966
19660072106	SNAP 50/SPUR Quarterly technical progress report, Oct. 1 - Dec. 31, 1965	1966
19660072107	Organic materials for molecular electronics Final report, Apr. 16 - Dec. 15, 1965	1966
19660072117	Spurious response rejection techniques Interim engineering report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660072127	Electrochemical studies in the synthesis of N-F compounds Summary report, 1 Jan. 1963 - 31 Dec. 1965	1966
19660072133	A high-temperature oscillating-disk viscometer	1966
19660072147	Ground data support for geological test sites Semiannual progress report Jun. 18 - Dec. 31, 1965	1966
19660072148	Ecologic relationships between bacteria and algae in photosynthetic gas exchangers Quarterly status report no. 10, 1 Nov. 1965 - 31 Jan. 1966	1966
19660072149	Biodynamics of microecosystems Third semiannual report, Jun. 23, 1965 - Jan. 23, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072152	Lunar survey probe survivable capsule study - Scientific payloads Condensed summary report	1966
19660072153	Lunar survey probe survivable capsule study - Scientific payloads. Volume II - Program planning data Final report	1966
19660072154	Facsimile camera demonstration. Study of a survivable capsule for the lunar survey probe	1966
19660072157	Technical program - Liquid oxygen and fuel prevalves for NASA Saturn program Forty-third and forty-fourth monthly progress report, Jan. 1 - Feb. 28, 1966	1966
19660072160	Study for evaluation of plug multichamber configuration /U/ Quarterly report no. 2, 27 Sep. - 27 Dec. 1965	1966
19660072161	Systems Analysis of Plug-Nozzle, Multi-Chamber Engine Configurations (U) Second Quarterly Report	1966
19660072178	Effects of external stores on performance and stability of a supersonic fighter-bomber airplane /U/	1966
19660072181	Feasibility study of minimum manned lifting body entry vehicle, Volume I /U/ Final report	1966
19660072184	Simulated Altitude Testing of the Apollo Service Module Propulsion System (Report 1, Phase II Development Test	1966
19660072219	Addition and substitution products of oxygen fluorides Sixth annual progress report, 1 Jan. - 31 Dec. 1965	1966
19660072224	Photoconductor-Semiconductor emitters Quarterly report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660072225	Initial stresses and skin effects in a hemitropic Cosserat continuum	1966
19660072227	A magnetophotoselection study of the polarizations of the absorption bands of some structurally related aromatic hydrocarbons and heterocyclic molecules	1966
19660072228	Optimum terminal control of continuous systems via a simple numerical algorithm	1966
19660072230	Investigation of pitch extraction techniques Final technical report	1966
19660072231	The effect of lead stearate on the thermodynamic properties of a propellant	1966
19660072232	Low magnetic saturation garnets Quarterly progress report, 1 Aug. - 31 Oct. 1965	1966
19660072233	Equilibrium studies of refractory nitrides Fifth quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660072234	Thin-film measurement techniques Final report, Aug. 1964 - Aug. 1965	1966
19660072235	Manufacturing process for premium quality titanium castings Interim engineering progress report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660072236	Optimal point-to-point orbital transfer in piecewise constant central force field	1966
19660072237	Aerial magnetic detection in counter- insurgency warfare - A preliminary technical report	1966
19660072238	Report on the development of the Manned Orbital Research Laboratory /MORL/ SYSTEM utilization potential Summary report	1966
19660072239	Report of the Committee on Beryllium Metallurgy Fifth progress report	1966
19660072244	Origin and nature of moldavites	1966
19660072248	Physiological studies of workers in the Sahara Desert	1966
19660072249	The partial simulation of weightlessness in water	1966
19660072253	Development of flexible epoxy resins and coatings Quarterly report, 11 Sep. - Dec. 1965	1966
19660072255	Adaptive phased array radar Final report	1966
19660072256	Automatic Target Recognition Device /ATR/ FINAL report	1966
19660072262	Lunar Survey Probe survivable capsule study - Scientific payloads. Volume I - Technical Final report	1966
19660072263	The question of the existence of a leucylpeptidase	1966
19660072264	Color television and space	1966
19660072265	Concerning third order calcium electrodes	1966
19660072268	Training of workers for a tolerance to extreme heat conditions	1966
19660072269	Turbulent intermixing of hot gas jets with surrounding air	1966
19660072270	Gas bearings	1966
19660072271	Scattering of 25-keV electrons on gases. III - Scattering on molecular hydrogen	1966
19660072272	Analysis of the accepted configuration of Meteor-1	1966
19660072276	SLV-4 post-flight analysis	1966
19660072278	Solid state amplification Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660072284	Production tool for diffusion bonding Quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660072289	Steady and fluctuating pressures on cone- cylinder missile configurations at transonic speeds	1966
19660072290	Camera tube with internal image-motion compensation Eleventh quarterly progress report, 1 Aug. - 31 Oct. 1965	1966
19660072298	A study of system coupled instability analysis techniques Quarterly report no. 3, Nov. 1965 - Feb. 1966	1966
19660072300	Development of a titanium alloy foil and sheet rolling process Third interim engineering progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660072302	Consideration of reliability requirements for a C-band safety/command system	1966
19660072303	Some solid state physics in Prague and Warsaw	1966
19660072306	Large segmented, fiberglass reinforced, plastic rocket motor cases Interim engineering progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660072309	Investigation of the secondary forces generated by the lift jets of VTOL aircraft	1966
19660072310	Passive radar reflectors	1966
19660072312	A survey of human controller models applicable to the design of rocket control systems which include the astronaut as an on-board control element	1966
19660072315	Computing the eigenvalues and eigenvectors of a matrix Interim technical report no. 7	1966
19660072317	Optical ranging technique Final report, May 1964 - Feb. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072320	The automatic construction of contour plots with applications to numerical analysis research Interim technical report no. 8	1966
19660072324	Sensitivity of propellant systems Quarterly report, Oct. 1 - Dec. 31, 1965	1966
19660072325	F-5A category II follow-on performance tests	1966
19660072326	Research and development of new and improved cutting tool materials Interim engineering progress report, 13 Sep. - 31 Dec. 1965	1966
19660072327	Services and materials necessary to develop a process to produce fibrous reinforced metal composite materials Interim engineering progress report, 16 Nov. 1965 - 15 Feb. 1966	1966
19660072329	Development of manufacturing processes and techniques for mass memory Interim engineering progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660072331	Development of manufacturing methods for the production of superconductive devices Interim engineering progress report, 1 Jul. - 31 Dec. 1965	1966
19660072332	Investigation of porous lithium battery electrodes Second quarterly progress report, 15 Oct. 1965 - 15 Jan. 1966	1966
19660072333	Double-electron stream interaction including fast waves, space-charge waves, and cyclotron waves	1966
19660072334	Planck's radiation equation integrated	1966
19660072336	Research and development of acoustic powered personnel transmitter techniques	1966
19660072337	Triplet state zero field splittings of some structurally related aromatic hydrocarbon and heterocyclic molecules	1966
19660072338	Evaluation of molybdenum /TZM/ sheet Final technical report, 9 Jun. 1964 - 9 Jan. 1966	1966
19660072343	Gas turbine regenerators for marine environment Second quarterly progress report, Oct. - Dec. 1965	1966
19660072345	Catalytic effects on the production of O-atoms by microwave discharges	1966
19660072348	Altitude performance of the Lycoming PLF1A-2 prototype turbofan engine Technical report, Apr. 27 - Jul. 30, 1965	1966
19660072349	Nike-Apache Speedball II, round no. 83 SN 38 /15 December 1965/ Meteorological data report	1966
19660072355	Exploratory development of ultraviolet imaging tubes Final report, 1 Sep. 1964 - 15 Nov. 1965	1966
19660072359	A study of advanced electrical system techniques and requirement of future launch vehicles Quarterly progress report, 29 Sep. - 29 Dec. 1965	1966
19660072362	Development of EBW firing unit Third quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660072363	Preliminary design study of a lunar Local Scientific Survey Module /LSSM/ Second interim report	1966
19660072366	Evaluation of high temperature gas transport properties Third quarterly progress report, 29 Oct. 1965 - 28 Jan. 1966	1966
19660072368	Optical transmitter techniques Final report, 15 May 1964 - 15 May 1965	1966
19660072369	Investigation of pre-detection filtering techniques Second quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660072373	Nuclear and high-energy physics in northern Italy, November 1965	1966
19660072374	Aerothermodynamic consequences of nozzle nonequilibrium Technical report, May 1964 - Jul. 1965	1966
19660072375	Development of manufacturing processes for a lightweight heat transfer system Interim engineering progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660072385	Design of an onboard checkout system. Volume II - Technical results Final report	1966
19660072386	Evaluation of thermal properties of materials Semiannual progress report, 29 Jun. - 29 Dec. 1965	1966
19660072387	Advanced analytical program for charring ablators - Compilation and review of thermal test data Interim report	1966
19660072389	Technical studies on the communications satellite Quarterly progress report, 16 Nov. 1965 - 15 Feb. 1966	1966
19660072401	Research investigations on photo facsimile transmission techniques Final report, 1 Jul. 1962 - 31 Jul. 1965	1966
19660072409	Design of an onboard checkout system. Volume III - Implementation plan Final report	1966
19660072424	Static-stability characteristics of the ALARR BOOSTER and the effect of the payload wake on a full-scale ballute at supersonic speeds	1966
19660072427	What is the value of space spies /Ques/	1966
19660072429	Reactor development, physical research, and biology and medicine Status and progress report, Mar. 1966	1966
19660072430	Reactor development, physical research, biology and medicine, and isotope development Status and progress report, Feb. 1966	1966
19660072435	Investigation of the elevated temperature characteristics of plastic laminates Final report	1966
19660072440	A lunar surface mission based on a minimum performance traverse vehicle	1966
19660072442	The influence of annealing operations on the conductivity of thin ZnO layers	1966
19660072445	Airport powerplant for takeoff and climb	1966
19660072447	He-Ne gas laser of Warsaw Polytechnic	1966
19660072455	Report of the committee on tubing First progress report	1966
19660072467	Evaluation of Soviet reprint - Response of the Circulation System to the Effects of Accelerations and Weightlessness, by V. V. Parin	1966
19660072475	Auditory masking - A study of its physiological mechanism and of correlations between physiological and psychological observations Final progress report, year ending Apr. 1, 1966	1966
19660072476	Advanced Sensing Techniques for Automatic Checkout - A Comparative Discussion	1966
19660072478	Fabrication of beryllium stabilized-platform components by gas-pressure bonding Final report	1966
19660072479	Project Apollo Summary report, 1 Jun. 1964 - 1 Jan. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072480	Nonequilibrium Gasdynamics Related to Propulsion Systems Quarterly Report, Period Ending 31 Mar. 1966	1966
19660072481	NASA Model 103 Recorder/Reproducer Final report, 30 Jun. 1964 - 31 Mar. 1965, 7 Nov. 1965 - 7 Mar. 1966	1966
19660072483	Constitutive Equations and Non-newtonian Fluid Mechanics Semiannual Status Report, Sep. 1, 1965 - Feb. 28, 1966	1966
19660072484	Worst case analysis for the specialized mass spectrometer. Book 3 - Quadrupole power supply	1966
19660072485	Worst case analysis for the specialized mass spectrometer. Book 2 - Detector	1966
19660072486	Worst case analysis for the specialized mass spectrometer. Book 4 - Dc power supplies	1966
19660072487	Apollo extension systems studies report on MFS/LSSM joint usage study	1966
19660072488	Biochemical monitoring by parotid secretion Final report	1966
19660072489	A study of nickel-cadmium spacecraft battery charge control methods Final report	1966
19660072491	Preliminary AC-8 Atlas-Centaur flight evaluation /launched 4-7-66/	1966
19660072505	Large format UV image tube development, vol. I Interim technical report, 1 Aug. - 31 Oct. 1965	1966
19660072510	C-5A environmental noise, vibration, and sonic fatigue program report	1966
19660072511	An estimate of Fletner characteristics when released at high altitude	1966
19660072512	The evaluation of a proposed atmospheric refraction correction technique and companion station selection routine, part I	1966
19660072519	Development of Columbium base alloys Summary report, 15 May 1964 - 15 Aug. 1965	1966
19660072525	Conduct an Investigation of Radar and Microwave Radiometric Techniques for Geoscience Experiments which May Be Carried Out in Manned Orbiting Spacecraft Quarterly Progress Report, 1 Sep. - 31 Nov. 1965	1966
19660072526	Development of improved heat shielding. Volume I - Base heat shield Final report, Jul. 1964 - Jun. 1965	1966
19660072544	Critical layer concept relative to hypersonic boundary layer stability Technical report, 1 Jan. - 31 Jul. 1965	1966
19660072547	Development of C-band solid-state oscillator Final report, 1 May 1964 - 31 Aug. 1965	1966
19660072549	Development of a non-destructive radiation effects prediction technique First quarterly progress letter, period ending 31 Jan. 1966	1966
19660072564	Implementation of the best techniques for the determination of asymptotic and periodic behavior of dynamical systems arising in control systems analysis Phase V report	1966
19660072565	Photosensitized Decomposition of Hydroperoxides Status Report, Aug. 1, 1965 - Jan. 31, 1966	1966
19660072567	Oscillator /quadrupole/ control techniques for the specialized mass spectrometer	1966
19660072570	Study of energy conversion systems Summary report, Aug. 31, 1964 - Aug. 15, 1965	1966
19660072572	Shock Tunnel Investigations of Turbulent Flow at High Mach Numbers Quarterly Progress Report No. 3, 1 Jan. - 31 Mar. 1966	1966
19660072573	Chronic Acceleration Studies - Physiological Responses to Artificial Alterations in Weight Progress Report	1966
19660072575	Reentry radiation and air flow Fifteenth quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660072579	Development of instrumentation to search for neutrons and gamma rays from solar surface nuclear reactions Second year status report, 31 Jan. 1965 - 31 Jan. 1966	1966
19660072582	Super insulation systems for cryogenic test tank Final report, Jul. 29, 1964 - Jan. 31, 1966	1966
19660072586	Electron and Field Interactions with Thin Films and Surfaces Semi-annual Report	1966
19660072587	Theoretical and Experimental Investigations of Extremely Dense Plasma Status Report, Oct. 1, 1965 - Apr. 1, 1966	1966
19660072590	Discrepancy analysis of preflight equipment failures	1966
19660072593	Research on thermal protection system for cryogenic propellants on interplanetary space vehicles Second quarterly progress report, 21 Sep. - 21 Dec. 1965	1966
19660072596	Study of Science Capsules for the Lunar Survey Probe Final Report	1966
19660072602	Magnetic anomalies north of Puerto Rico - Trend removal with orthogonal polynomials	1966
19660072609	156 inch fiberglass LITVC motor program, volume II Quarterly progress report, 1 Sep. - 30 Nov. 1965	1966
19660072610	The radiation pattern of an electric line current enclosed by an axially slotted plasma sheath - II	1966
19660072611	Study of science capsules for the Lunar Survey Probe Summary report	1966
19660072612	Effects of Plant Growth Hormones on Plant Development in the Absence of Gravitational Effects Semiannual Report, Sep. 1, 1965 - Feb. 28, 1966	1966
19660072615	Silicon P-N junctions as variable-gain elements for video amplifiers and attenuators	1966
19660072616	Circular arrays of beverage antennas for high frequency direction finding Interim development report, 3 Jun. - 31 Dec. 1965	1966
19660072620	Higher order normal modes on a helical dipole antenna Technical report no. 10	1966
19660072622	Fluorescent ion interaction Semiannual technical summary report, period ending 31 Dec. 1965	1966
19660072623	Fatigue of plates and weldments in high strength steels Quarterly report, 1 Sep. - 30 Nov. 1965	1966
19660072630	Radiative Energy Transfer on Entry into Mars and Venus Quarterly Report No. 14	1966
19660072636	Discrepancy analysis of preflight equipment failures - NASA satellites and probes programs	1966
19660072637	Nimbus C Launch Operations Plan	1966
19660072638	Report on the development of the Manned Orbital Research Laboratory /MORL/ system utilization potential Final report	1966
19660072644	A Theoretical and Experimental Investigation of the Thermodynamic and Transport Properties of Para-Hydrogen Semiannual Status Report, 1 Sep. 1965 - 31 Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072645	Experimental Cassegrain-Fed Monopulse Antenna System Monthly Progress Report	1966
19660072646	Core study for the specialized mass spectrometer	1966
19660072648	OGO-B system test objectives	1966
19660072650	Investigation of 2-inch contrarotating rubber bearing bench test	1966
19660072656	The study of hydrogen bonding Progress report, 1 Aug. - 31 Dec. 1965	1966
19660072660	Meteorological data report - Athena Flight no. 037 /3 February 1966/	1966
19660072673	Phase stabilization of NSS VLF transmissions Second quarterly progress report, 3 Mar. - 2 Jun. 1965	1966
19660072676	High speed magnetic circuitry research Final technical report, 1 Jul. 1963 - 30 Jun. 1965	1966
19660072677	Investigation of fire extinguishing system requirements for advanced flight vehicles Final report, Jan. 1965 - Jan. 1966	1966
19660072681	Effect of phase change in solid-solid reactions Annual report, Oct. 1964 - Oct. 1965	1966
19660072685	Opacity of low temperature air Technical report, 1 Jul. 1964 - 1 Jul. 1965	1966
19660072686	AFWL-ATAC joint shielding program - Parametric investigation of the exponential transformation Final report, 1 Oct. 1964 - 30 Sep. 1965	1966
19660072705	Biological measurement of man in space, volume VI - Time line and feasibility analysis for AAP biomedical experiment program Final report	1966
19660072706	Single crystal silicon films on insulating substrates Third interim report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660072711	Study of effect of high-intensity pulsed nuclear radiation on electronic parts and materials /SCORRE/ First quarterly report, 15 Jul. - 15 Oct. 1965	1966
19660072714	Radiation effects on thin-film microelectronics First quarterly progress report, 15 Jul. - 15 Oct. 1965	1966
19660072715	A new method to measure the plasma velocity by tracing impurity radiation	1966
19660072721	Survey of Saturn/Apollo checkout automation, spring, 1965 - Detailed description	1966
19660072722	Experimental and theoretical studies of energetic particles and electrodynamic processes in interplanetary space and in the vicinity of planets Semiannual status reports nos. 7, 8 and 9, 1 Aug. 1964 - 31 Jan. 1966	1966
19660072725	Applications Technology Satellite Quarterly progress report no. 7, 1 Dec. 1965 - 28 Feb. 1966	1966
19660072731	Gas radiation and transport properties at high temperatures Semiannual status report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660072735	LSSM preliminary design study - Local Scientific Survey Module for Apollo extension system Second interim report	1966
19660072737	Articles on manufacturing in Communist China	1966
19660072738	Vacuum treatment of molten steel after fabrication with steam ejector pump	1966
19660072739	Complex centrifugal casting roller	1966
19660072740	Silicon system of heat-resistant nodular graphite cast iron	1966
19660072741	Heat crack tendency of Cr25Ni12 cast steel members and measures of crack prevention	1966
19660072742	Manufacturing iron back, bronze lined bearings for steam locomotives	1966
19660072743	Rotary volume reducing magnesium vessel	1966
19660072744	Automatic, 0.5 ton, pressure tightened, magnesium vessel	1966
19660072748	Development of extruding, drawing, and heat treating processes for thin steel extrusions Interim engineering progress report no. 2, 1 Oct. - 31 Dec. 1965	1966
19660072749	Test and evaluation of triggered discharge gauges Final report	1966
19660072750	Demonstration of a solid-propellant-motor malfunction-detection and combustion - Termination system Progress report no. 7, 1-31 Jan. 1966	1966
19660072752	Component propulsion program for future high-performance strategic aircraft Volume V - Inlet scale model First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660072753	Manufacturing methods for silicon dendrite solar cells Final technical report, 1 May 1963 - 31 Jul. 1965	1966
19660072758	Semiconductor materials Interim engineering report, Oct. 15, 1965 - Jan. 15, 1966	1966
19660072768	Combustion termination system for 120-inch- diameter solid rocket motor /Titan III-C/ QUARTERLY progress report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660072771	Silver-zinc missile power supply Quarterly technical progress report, 1 Oct. - 31 Dec. 1965	1966
19660072773	Hypervelocity range research program Semiannual report, 1 Jul. - 31 Dec. 1965	1966
19660072774	X-ray effects - A summary of recent results and limitations to the present knowledge. Technical appendices	1966
19660072776	Advances in inertial guidance components	1966
19660072778	Anisotropic liquids for tunnel detection Seventh letter report, Jan. 1 - 31, 1966	1966
19660072781	C-5 airframe subsystem high lift devices report	1966
19660072784	Quarterly reliability and quality assurance report. Volume II - Quality assurance, October - December 1965	1966
19660072787	Study of effect of high-intensity pulsed nuclear radiation on electronic parts and materials /SCORRE/ First annual interim report, 15 Jun. 1964 - 14 Jun. 1965	1966
19660072790	Temperature and pressure distribution for fluid flow through a porous wall of cylindrical and spherical bodies	1966
19660072791	Bonding of component leads and wire conductors to NAFI thin film circuits by resistance welding Final report	1966
19660072792	Development of blood dialyzer-ultrafiltrator Final report, Mar. 1 - Aug. 31, 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072794	Analysis of EM data Semiannual technical report, period ending 25 Nov. 1965	1966
19660072796	Mid-term briefing, optical technology, Apollo extension system	1966
19660072797	Teaching machine capability for training operators experimental computer programming Interim report	1966
19660072801	Ion sheath propagation studies Final technical report, 1 Nov. 1962 - 30 Nov. 1965	1966
19660072803	Nuclear fuels and fuel elements	1966
19660072804	Reactor development and atomic power plants	1966
19660072805	Research reactors and their tasks	1966
19660072808	The design and operation of a cryogenic rocket propellant system using oxygen difluoride and diborane as propellants	1966
19660072810	Regeneration of a carbon dioxide removal system with heat and vacuum	1966
19660072813	Sonic vacuum gauge	1966
19660072817	Electronarcosis in experimental surgery	1966
19660072818	Effect of cobalt and tungsten on the activity of nitrogen in austenite	1966
19660072819	Supplement 2- Perfection of Wiener filters	1966
19660072820	Supplement 1 - Theoretical considerations of methods of exploitation	1966
19660072821	Comments on proposal for generating supersonic flow in tandem shock tubes of constant cross section	1966
19660072822	Determination of functions for the improvement of figures of diffraction in the spectroscope	1966
19660072823	Study of the detailed structure of the wind by means of a balloon. Second sounding	1966
19660072824	Formulas and diagrams for calculating the expansion of real gases in supersonic shock tubes provided with nozzles	1966
19660072825	Frequency shift and variations in the matrix elements of the hydrogen atom dipole, under the influence of a uniform exterior electric field	1966
19660072826	Mechanism of ignition of an electric gas discharge under the effect of a transverse magnetic field in the pressure range of 10 minus 1 - 10 minus 8 torr	1966
19660072827	The mechanics of walking	1966
19660072828	Torque motors for rotational and linear motion	1966
19660072829	Synthesis of glucagon. VIII - Preparation of sequence 1-8	1966
19660072830	Study of the detailed structure of the wind by means of a balloon. Theoretical study of the methods of exploitation and application at the first sonde	1966
19660072831	Separation of ammonia and the methylamines by gas-phase chromatography for quantitative determination	1966
19660072832	Scientific investigations and technological developments, metal-vapor clouds	1966
19660072833	Space vehicle recovery by flexible wings /paragliders/	1966
19660072834	Spectrographic measurement of the temperature of a hydrogen plasma jet by the Stark effect	1966
19660072835	Some results concerning wall pressure measurements in slip flow	1966
19660072836	CNES network of satellite telemetering and telecommand stations	1966
19660072837	Some considerations relating to the drag and momentum defect generated by an ablating, hypersonic cone Technical memorandum no. 137	1966
19660072840	Investigation of Biochemical Stabilization of Aqueous Solutions of Organic Compounds by Unsaturated Flow Through Porous Media Second Semiannual Status Report, Jan. 1 - Apr. 1, 1966	1966
19660072846	Nuclear pulse space vehicle study. Volume IV - Mission velocity requirements and system comparisons /Supplement/	1966
19660072847	Nuclear Pulse Space Vehicle Study. Volume IV - Mission Velocity Requirements and System Comparisons	1966
19660072848	Man-machine simulation of V/STOL operations	1966
19660072849	A convenient representation of several major functional properties	1966
19660072851	Geometry of numbers	1966
19660072854	Evaluation of 1-1/2 in stainless steel tube fittings for 3000 psi fluid systems in F-111B AIRCRAFT	1966
19660072856	Development of a family of logic circuits, ECRDC project T75 Progress report, Sep. 1, 1965 - Mar. 31, 1966	1966
19660072859	Teaching machine capability for training operators. Learning an operational task with automated feedback cues	1966
19660072860	Teaching machine capability for training operators Project summary interim report	1966
19660072862	Structural studies of bearing steel undergoing cyclic stressing Progress report III	1966
19660072864	Solid Rocket Structural Integrity Abstracts, volume III, number 2	1966
19660072865	Environmental effects on solid propellants	1966
19660072868	Improved delta Quarterly technical progress report, Jan. - Mar. 1966	1966
19660072869	Measurement of Radio Wave Scattering - Task I, and Interference Free Ratios - Task II Quarterly Progress Report, Jan. - Mar. 1966	1966
19660072871	The influence of coupling of artery pulse receivers on sphygmograms	1966
19660072874	Human engineering checklist	1966
19660072875	Use of gradient wind scales	1966
19660072876	Determination of active chlorine and its stability in chlorinated egg albumen	1966
19660072880	Research on improved epoxy resins Quarterly progress report, 1 Oct. 1965 - 1 Feb. 1966	1966
19660072881	Shoaling of solitary waves on a 45-deg slope Final report	1966
19660072882	Aerobee NASA 4.148 CG /8 March 1966/ Meteorological Data Report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660072884	Basic Engineering Studies of Techniques for Acceleration of a Particle to Hypervelocity by an Electrically Heated Propellant Plasma Status Report, 1 Sep. 1965 - 1 Mar. 1966	1966
19660072885	Theoretical Investigations in Atmospheric Physics Fourth Progress Report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660072886	Fatigue Crack Propagation and Strains Within Plastic Zone Progress Report No. 1, 1 Sep. 1965 - 31 Aug. 1966	1966
19660072891	A grain structural analysis on a spherical motor	1966
19660072892	Studies of atmospheres and structures and variability of earth's atmosphere Quarterly progress report, 1 Oct. 1965 - 20 Feb. 1966	1966
19660072899	Component propulsion program for future high-performance strategic aircraft. Volume III - Compressor structures First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660072902	Mean turn length, its determination from three values of the coil stack	1966
19660072908	Paramagnetic resonance ESR and ENDOR SPECTROSCOPY of color centers in alkali halide crystals	1966
19660072909	Perfection of filters for calculated turbulence, supplement 3	1966
19660072910	Reflection and transmission modes of shock waves on porous absorbers Rayleigh models	1966
19660072911	Rotating arm apparatus at NAL	1966
19660072912	Plug nozzles and modified plug nozzles operating off-design	1966
19660072913	Project "AGARD" on the detailed measurement of wind at high altitude. Preliminary considerations on the methods of elaboration and exploitation	1966
19660072914	Plural scattering of medium-velocity electrons in films	1966
19660072915	A new facility for hypersonic experiments	1966
19660072967	Resistors for micropower circuits Second quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660072969	Development of improved cutting tool materials Interim engineering progress report, 16 Nov. 1965 - 15 Feb. 1966	1966
19660072970	Dielectric tape television camera Quarterly interim report no. 2	1966
19660072972	Theoretical optimization of staged ejector systems, part I	1966
19660072975	A study of the equiangular spiral antenna Technical report no. 92	1966
19660072976	Manufacturing methods for phase shifters Interim engineering progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660072977	Split-beam pattern shaping at millimeter wavelengths using dielectric prisms and lenses Technical report no. 90	1966
19660072981	Diffuser auxiliary ejector development for the design of the J-3 LEM descent exhaust system Technical report, Sep. 1964 - Apr. 1965	1966
19660072985	Investigation of fluid flow and heat transfer in porous matrices for transpiration cooling Technical report, 1 Jul. 1964 - 31 Jan. 1966	1966
19660072987	Lithium-nickel halide secondary battery investigation Final technical report, Dec. 1964 - Nov. 1965	1966
19660072988	Raman spectra of YPO ₄ and YbPO ₄	1966
19660072989	Solvent interaction with free radicals Final report	1966
19660072990	Deposition of selected synthetic lubricants in the RTD seal rig Technical report, 1 Dec. 1964 - 30 Nov. 1965	1966
19660072992	High-power hybrid multiple-beam klystron for phased arrays First quarterly progress report, 15 Sep. - 15 Dec. 1965	1966
19660072993	Heat-transfer measurements on a satellite configuration and shrouded disk Technical report, 6-31 Dec. 1965	1966
19660072994	Simulation of air shocks with detonation waves Technical report, 1 Jul. 1964 - 31 Mar. 1965	1966
19660072995	Integrated transducers Final technical documentary report, Nov. 1964 - Nov. 1965	1966
19660072996	The hydrothermal growth of zinc oxide crystals Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1966
19660072997	Cyclizations of 2-cyano-3-substituted cinnamitriles	1966
19660072999	Advanced explosive forming processes /HERF/ SECOND interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660073001	Dynamic stability characteristics of a 10-deg cone at large amplitudes of oscillation at Mach number 10 Technical report, 30 Jun. - 16 Dec. 1965	1966
19660073003	Development and evaluation of the diffusion bonding process as a method to produce fibrous reinforced metal matrix composite materials Interim engineering progress report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660073004	Liquid-vapor equilibria of the neon-helium system Technical report, 1 Jul. - 30 Nov. 1965	1966
19660073005	Phase shift and locking-in regions Interim technical report	1966
19660073006	Scoring by obscuration	1966
19660073008	Process development for precision radial forging of integral turbine wheels Second interim technical progress report, 1 Oct. 1965 - 31 Jan. 1966	1966
19660073011	Heating of living tissues Final report, Jun. 1963 - Oct. 1965	1966
19660073018	Ku-band triode and cavity combination CW OSCILLATOR Sixth quarterly progress report, 1 Aug. - 31 Oct. 1965	1966
19660073019	Simplified engineering techniques for predicting diode tree responses Technical report, 14 Jun. - 12 Nov. 1965	1966
19660073021	High-information-density storage surfaces Second quarterly technical progress report, 1 Jul. - 30 Sep. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073022	New concepts for achieving high efficiency in traveling-wave tubes Sixth quarterly progress report, 1 Aug. - 31 Oct. 1965	1966
19660073023	Solid state optical maser research Third quarterly report, 15 Aug. - 14 Nov. 1965	1966
19660073024	Plasma noise temperature measurements Final technical report, 1 Nov. 1962 - 30 Nov. 1965	1966
19660073025	Proximity effects between superconducting and normal metals Semiannual report	1966
19660073026	Solid film lubrication research Quarterly progress report, 1 Dec. 1965 - 1 Mar. 1966	1966
19660073028	Erosion properties of selected turbine materials in water and potassium	1966
19660073029	A study of electronically tunable microwave /X-band/ generators	1966
19660073030	Thermogravimetric analysis of ablative polymers	1966
19660073036	A computer for vocoder pitch extraction	1966
19660073038	Development of die materials for hot extrusion of steel and refractory metals First interim technical engineering report, 1 Jul. - 30 Sep. 1965	1966
19660073039	A model for digital error distributions	1966
19660073041	Reinforced plastic magnetic tape Final report, 1 Jul. - 31 Dec. 1965, section 2	1966
19660073042	Computed rate constants for tetra-atomic reactions of propellant combustion products	1966
19660073045	Explosive cutting of a manhole in simulated Saturn V upper stage fuel tanks in space environments Technical memorandum, Aug. 1965 - Jan. 1966	1966
19660073078	260-in.-dia Motor Feasibility Demonstration Program. Volume III - 260-SL Motor Grain Design and Performance Analysis /U/ Final Phase Report	1966
19660073080	Supersonic Investigation of the Static Stability, Performance, and Control of a Variable-sweep Tactical Fighter Model, Phase 6 /U/	1966
19660073081	Saturn I Vehicle Flight Anomaly Study /U/	1966
19660073084	Supersonic Investigation of the Static Stability, Performance, and Control of a Variable-sweep Tactical Fighter Model, Phase 5	1966
19660073085	AS-205 Launch Vehicle Reference Trajectory (U)	1966
19660073127	Energetic oxidizer manufacturing process for advanced solid propellants /U/ Interim engineering progress report, 16 Dec. 1965 - 15 Mar. 1966	1966
19660073128	Evaluation of propellant ingredients as high-performance explosives with a new computer program for Chapman-Jouguet properties /U/	1966
19660073129	Oxidizer research Semiannual report	1966
19660073146	Feasibility demonstration of advanced attitude control systems /U/ Quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660073151	Demonstration of solid-propellant selectable-impulse motors /U/	1966
19660073152	Advanced propellant synthesis, October 1 - December 31, 1965 /U/	1966
19660073155	Molecular substitution studies /U/ Quarterly technical report, 5 Nov. 1965 - 31 Jan. 1966	1966
19660073159	Sensitivity fundamentals /U/ Quarterly technical progress report no. 66-1, Sep. 15 - Dec. 14, 1965	1966
19660073161	Aerodynamic characteristics of high L/D HYPERSONIC airbreathing configurations. Part II - Experimental studies. Volume 2 - Selected configuration force, moment, pressure, and heat transfer tests /U/ Final report	1966
19660073164	Synthesis of high energy solid oxidizer binder propellants /U/ Annual summary report no. 4, Jan. 1 - Dec. 31, 1965	1966
19660073166	Testing of advanced high-energy solid propellants /U/ Final and summary progress report, Dec. 1, 1964 - Nov. 30, 1965	1966
19660073167	Solar wind as source of primordial rare gases in stony meteorites	1966
19660073168	Analysis of the Marzolf tunnel diode inverter using techniques of nonlinear mechanics	1966
19660073171	Multispectral photographic experiment based on a statistical analysis of spectrometric data Semiannual status report, 1 Jul. - 31 Dec. 1965	1966
19660073175	Carcinogenic potential of space radiation Semiannual report	1966
19660073182	Test of pilot retention of simulated lunar mission skills	1966
19660073184	Geological Survey project to test remote sensing data over several types of broad geologic sites. Test site no. 11 - Yellowstone National Park Quarterly report	1966
19660073192	Electromagnetic interference summary report, 624A program	1966
19660073193	Infrared signature characteristics Technical report, Mar. - Nov. 1965	1966
19660073195	Advanced propellant staged-combustion feasibility program Quarterly progress report no. 2, Dec. 1965 - Feb. 1966	1966
19660073199	Verification of analytical techniques /GAPLSN - Transport theory and 05R - Monte Carlo theory/ by utilization of measured fast neutron spectra in infinite paraffin and spherical paraffin shields	1966
19660073200	Lasers in the UK. Part III - National Physical Laboratory, Teddington, Middlesex	1966
19660073201	Transmitted-reference scatter communications. Volume II - Appendixes	1966
19660073202	Advanced technology studies under production support program. Volume one - Optimized binder for high-performance solid propellants, part three	1966
19660073203	Aircraft characteristics for airfield pavement design and evaluation	1966
19660073204	Development of a 2 KW X-band crossed-field amplifier Final report, 1 Jul. 1963 - 15 Jul. 1965	1966
19660073207	Effect of oxidation and chlorination process on amino acids and proteins	1966
19660073208	Diane - European satellite tracking network	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073209	The CNES/ESRO satellite tracking and telemetry network	1966
19660073210	The dependence of the mechanical properties of two-phase alloys on the structure, part I	1966
19660073211	Handling of elemental fluorine - Practical experiences	1966
19660073212	On isotope composition and on the site of the light primordial rare gases in stony meteorites	1966
19660073213	Measurement of high electric resistance with ionization chamber as current source	1966
19660073214	Quantitative ultramicro determination of amino acids as 2,4-dinitrophenyl-amino acid- 14c methyl esters	1966
19660073215	Symposium on information techniques, held in Moscow in June 1965	1966
19660073216	Thermoelectric arcs of high temperature and low operating voltage	1966
19660073217	Circulation under acceleration. Effect of acceleration in a centrifuge on man and animal	1966
19660073218	A hormone dependent inhibitor for proteolytic enzymes in male accessory sex glands and in the sperm	1966
19660073219	A contribution to electronarcosis methodology	1966
19660073220	Measurement of rare gas in iron meteorites and their inclusions	1966
19660073221	Exact solution in the theory of the decay of a pulse perturbation in a one-dimensional diffusion plasma	1966
19660073222	The catheptic effect of collagen and casein on the volutionary and involutionary uterus of rats	1966
19660073223	Composition of the thortveitites of Iveland /Norway/ and of Befanamo /Madagascar/	1966
19660073224	Current-voltage characteristics of a self-maintaining gas discharge in the transverse magnetic field	1966
19660073225	Some problems concerning temperature measurement of a hot gas stream	1966
19660073226	Electron-probe microanalysis of an olivine chondrule and a cristobalite-rich fragment of the Nadiabondi meteorite	1966
19660073228	Interpretation of the shift in the maxima of resonance cross section for vibrational excitation of molecules by electrons	1966
19660073230	Lens-design program	1966
19660073231	Thermalization lengths and the homogeneous transfer equation in line formation	1966
19660073232	Ballistic ascent to orbit as a means of enhancing nuclear safety	1966
19660073233	Modeling studies on the response of weapon foundations in soils, phase II Final report	1966
19660073237	Input electronics for wide band recorders Final report, Jan. - Oct. 1965	1966
19660073238	Halogen passivation studies Technical report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660073239	Hybrid piezoelectric devices Sixth quarterly report, 15 May 1964 - 15 Nov. 1965	1966
19660073240	Athena flight number 038 /17 February 1966/ Meteorological data report	1966
19660073241	Applied research in thin-film field emission tubes Twelfth quarterly progress report, 1 Jul. - 30 Sep. 1965	1966
19660073242	Hot-electron millimeter devices Second quarterly report, 1 Sep. - 30 Nov. 1965	1966
19660073243	Refractory metals coatings by chemical vapor deposition Third interim engineering progress report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660073244	Photo interpretation key conversion study Final report, 18 Mar. - 31 Dec. 1965	1966
19660073245	Evaporation and energy balance of alfalfa Annual report	1966
19660073247	Variation of density in the upper atmosphere during the phase of decreasing solar activity 1958-1962	1966
19660073248	Determination of the maximum energy of neutron spectra by means of the reaction in lithium and a single semiconductor detector	1966
19660073249	Experiments for increasing the arc temperature by reducing the heat conductivity in a magnetic field	1966
19660073250	The various methods of X-ray spectrometry	1966
19660073251	Solid propellant ignition studies Final report, Apr. - Nov. 1965	1966
19660073252	Design of a cylindrical thrust structure /Unitized titanium alloy construction for Saturn S-IC thrust structure/. Volume II - Design and manufacture Final report, 8 Apr. 1965 - 15 Mar. 1966	1966
19660073253	Development of guidelines for equipment design and test-point selection to facilitate automated checkout	1966
19660073259	Investigation of honeycomb structure response to vibration and acoustic excitation Volume II - Computer program for predicting free vibrations and response of honeycomb plates	1966
19660073260	Investigation of honeycomb structure response to vibration and acoustic excitation. Volume I - Theory, experiments, and summary	1966
19660073261	Organic materials. I - Dielectric properties of thin organic polymer films. II - Conduction mechanism in the copper polymers of diketocyclobutenediol Final technical report, 1 Feb. 1965 - 31 Jan. 1966	1966
19660073262	An investigation of 3.2-cm attenuation of sub-tropical precipitation through use of a dual-frequency equi-volume radar system	1966
19660073263	An investigation of angular and multiple scattering at 3.2-cm and 10.3-cm wavelengths	1966
19660073270	Research on work done at elevated temperature in an unventilated environment	1966
19660073274	Review of recent developments - Beryllium	1966
19660073283	Effects of high and low barometric pressures on susceptibility and resistance to infection Quarterly status report, 1 Jan. - 31 Mar. 1966	1966
19660073287	Research on satellite electrical power conversion systems and circuit protection Ninth semiannual status report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073297	Flame temperature measurement of metalized propellant Third quarterly progress report 19 Nov. 1965 - 18 Feb. 1966	1966
19660073304	Thermally stable polymers for electrical and electronic applications Quarterly progress report	1966
19660073305	Research on the influence of gravity on unicellular organisms, and optimization of the ultraviolet flying-spot microscope for living cell observations Semiannual status report, 1 Oct. 1965 - 1 Apr. 1966	1966
19660073306	Cryogenic insulation research Quarterly progress report no. 6, 1 Jan. - 1 Apr. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073311	The design and model testing of a small single hydrofoil installation for the HU-16 airplane	1966
19660073313	SNAP 50 SPUR Annual technical summary report, period ending Dec. 31, 1965	1966
19660073316	Gas chromatographic methods for liquid propellant analysis Final report, 16 Nov. 1964 - 15 Nov. 1965	1966
19660073317	Photochemical processes in explosion of N ₂ H ₄ and related compounds Second quarterly report, period ending 28 Feb. 1966	1966
19660073319	An experimental study and the design of the log-periodic zigzag antenna Technical report no. 89	1966
19660073320	Physiology of the visual control system. Interactions between the hand and eye movement control systems Fourth quarterly progress report, Aug. 16, 1965 - Jan. 1, 1966	1966
19660073322	An open-jet wind tunnel investigation of a fixed-geometry diffuser system at Mach numbers 3.6 and 7.0 Technical report, Jan. - Apr. 1965	1966
19660073324	System integration and evaluation program for PERSEAS-Laser Ranger /optical scoring technique/ Final report	1966
19660073325	Rapid color reversal processing techniques Final report, Dec. 1964 - Feb. 1966	1966
19660073326	Measurement and in-process control of small bores Interim engineering progress report, 18 Oct. 1965 - 31 Jan. 1966	1966
19660073327	Category II - Performance test on the CH-3C helicopter	1966
19660073328	The effective porosity of parachute cloth Final report, 15 Apr. 1963 - 15 Apr. 1965	1966
19660073329	Aerobee KP 3.15 /S/N KP 10-3/ /8 March 1966/ Meteorological data report	1966
19660073331	Pattern optimization study of a radiating lens fed by a Goubau beam waveguide Technical report no. 91	1966
19660073333	Tungsten insert firing evaluation Final technical report, 1 Feb. 1964 - 18 Dec. 1965	1966
19660073334	Optimized coherent optical receiver techniques Third quarterly interim report	1966
19660073335	An introduction to the Kraichnan theory of turbulence	1966
19660073336	Project SOPHY - Solid propellant hazards program Progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660073337	Magnetic compression of electron beams Quarterly report no. 2, 1 Oct. - 31 Dec. 1965	1966
19660073338	Literature survey on advances in microanalysis of organic fluorine Final report, Apr. 1964 - Jun. 1965	1966
19660073339	MOS - An active solid-state device Technical report, Oct. 1964 - Sep. 1965	1966
19660073340	Investigation of reliability testing and prediction techniques for integrated circuits Interim technical report no. 1	1966
19660073341	Research and investigation of a resistance jet attitude control system Final technical report	1966
19660073342	X-band high power CW amplifier and amplifier console Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660073344	A study of the S-20 spaced reflective photocathode Final report, Dec. 1964 - Jan. 1966	1966
19660073345	Gas tungsten-arc /TIG/ welding Third quarterly interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660073349	Broadband harmonic generators Quarterly report no. 2, 21 Sep. - 21 Dec. 1965	1966
19660073350	Protective coatings for tantalum-base alloys Final report, 1 Jun. 1964 - 30 May 1965	1966
19660073351	Thin film photovoltaic cell array investigation Quarterly technical report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660073352	Analytical and experimental investigation of light scattering from polydispersions of Mie particles Final report, 15 Nov. 1965 - 28 Feb. 1966	1966
19660073353	Research on photochromic dye-enzyme systems for flash-blindness protection Final report, 15 Oct. 1963 - 15 Oct. 1965	1966
19660073355	Evaluation of commercially developed filament-wound ceramic structures for radome applications Technical report, 15 Jun. - 1 Dec. 1965	1966
19660073356	Scientific accomplishments in basic research supported by the Army Research Office- Europe through CY 1965	1966
19660073357	Xenon laser research Final technical documentary report, Jun. 1964 - Jun. 1965	1966
19660073359	SSB crystals, precise and uniform Interim report, 1 May - 1 Dec. 1965	1966
19660073360	Investigation and optimization of high strength alloys for cryogenic stretch- forming Quarterly report, 1 Oct. - 30 Dec. 1965	1966
19660073361	A review of the Air Force materials research and development program Technical report, 1 Jul. 1964 - 30 Jun. 1965	1966
19660073362	Solid-state image intensifier panels Interim progress report	1966
19660073363	Semiconductor microwave amplitude and phase modulator Final report, 15 May 1963 - 15 Nov. 1965	1966
19660073364	Semiconductor Laser Array Techniques /SEMLAT/ /Engineering change/ Final report	1966
19660073365	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report no. 4, 1 Dec. 1965 - 28 Feb. 1966	1966
19660073366	Research and special projects report for 1965	1966
19660073368	Investigation of the transport and reaction processes occurring within silver oxide-zinc batteries Final report	1966
19660073370	Theoretical and experimental studies of radiation absorptance and emittance characteristics and their control for potential space vehicle surface materials Monthly progress report no. 32	1966
19660073371	Fire and explosion hazards of flight vehicle combustibles Quarterly progress report, 1 Dec 1965 - 28 Feb. 1966	1966
19660073372	C-5 flight control report /aerospace vehicle/ stability and control	1966
19660073377	Support of the Power Information Center at the University of Pennsylvania Quarterly progress report, 1 Feb. - 30 Apr. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073378	Dynamic measurements of the electrical properties of metal oxides in high radiation fields at high temperatures Semiannual status report no. 2, 1 Sep. 1965 - 28 Feb. 1966	1966
19660073379	Development of an adhesive system for laminating H-film /polyimide/ flat conductor cable Final report	1966
19660073381	Investigation of the longitudinal vibration of liquid-fueled launch vehicles First semiannual progress report, 15 Sep. 1965 - 15 Mar. 1966	1966
19660073382	The ORL range calculator	1966
19660073387	UHF analog-to-digital conversion techniques /U/ Technical report, 1 Jan. - 1 Nov. 1965	1966
19660073388	Oxidizer encapsulation /U/ Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1966
19660073416	Calculated cloud contributions to sky temperatures at millimeter-wave frequencies Final report	1966
19660073419	Boundary layer ion density profiles as measured by electrostatic probes	1966
19660073420	Meteorological data report - Aerobee NE 3.156 R /1 February 1966/	1966
19660073424	Automatic low temperature calibrating system Final technical report	1966
19660073428	A study of handprinted character recognition techniques Final report, 1 Sep. 1964 - 31 Oct. 1965	1966
19660073429	Study of thermal degradation and completion of reentry model for Nuclear Auxiliary Power /SNAP/ System	1966
19660073431	Severity of natural flaws as fracture origins Third quarterly progress report, Oct. 1 - Dec. 31, 1965	1966
19660073435	Optical and infrared masers Sixth semiannual status report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660073436	Propagation medium RF noise	1966
19660073441	Development of a low noise millimeter-wave parametric amplifier Interim report, 1 May - 31 Dec. 1965	1966
19660073443	AFNL-ATAC joint shielding program - Transmission and reflection of nuclear radiation for various incident angles on shield materials Final report, Oct. 1964 - Sep. 1965	1966
19660073444	Cerolyte fuel cell Final report, 1 Mar. 1964 - 21 May 1965	1966
19660073447	Exploratory development program to prove the feasibility of solid state switching for a complex electrical control network Quarterly progress report no. 1, 1 Dec. 1965 - 28 Feb. 1966	1966
19660073448	Thin-layer chromatography of ferrocene derivatives	1966
19660073453	Further results of the radar absorption effect in hypersonic ballistic ranges	1966
19660073456	Phonon interactions in crystals Tenth quarterly technical report, 15 Aug. - 14 Nov. 1965	1966
19660073457	Gaseous discharge switch in oversized waveguide Final report, 1 Oct. 1964 - 30 Sep. 1965	1966
19660073460	A solution to one type of the n-job, m-machine sequencing problem	1966
19660073464	Theoretical and experimental response of panels to traveling sonic boom and blast waves	1966
19660073465	Non-equilibrium ionization in magnetohydrodynamic channel flow with finite segmented electrodes	1966
19660073466	Design, development and fabrication of a prototype eight channel hydrogen gas concentration monitoring system Quarterly progress report no. 3, 1 Dec. 1965 - 28 Feb. 1966	1966
19660073467	Direct and resonance rotational excitation of molecules by slow electrons	1966
19660073469	TEM digital ferrite phase shifters Quarterly report, 1 Sep. - 31 Nov. 1965	1966
19660073470	Research in turbulent wakes Annual technical summary report, 1 Mar. 1965 - 15 Mar. 1966	1966
19660073471	Long range seismic measurements - Long Shot, 29 October 1965	1966
19660073472	General formulation of the iterative guidance mode	1966
19660073475	Ferromagnetic, ferroelectric and acoustic devices Second quarterly report, 1 Sep. - 30 Nov. 1965	1966
19660073476	A study of advanced electrical system techniques and requirement of future launch vehicles Quarterly progress report, 29 Dec. 1965 - 29 Mar. 1966	1966
19660073480	Optical spectra using the matrix isolation technique Quarterly technical summary report, 13 Nov. 1965 - 13 Feb. 1966	1966
19660073481	Development of joining processes for titanium foils Interim engineering progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660073482	Stage II and ultimate structural tests Final report	1966
19660073485	Solid state diffusion bonded tantalum alloy panels Interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660073487	In-flight decision system Final report	1966
19660073488	Validation of discard-at-failure maintenance mathematical model Final report, 20 Feb. 1964 - 15 Jun. 1965	1966
19660073489	Study of transverse wave interactions Quarterly report no. 2, 1 Aug. - 31 Oct. 1965	1966
19660073490	On the exchange contribution in the scattering of electrons by atoms and positive ions	1966
19660073491	CP violation and the neutral kaon complex	1966
19660073493	Solid-state image intensifier panel First interim technical progress report, 1 Jul. - 31 Dec. 1965	1966
19660073494	Compact arc near infra-red radiation sources Quarterly technical progress report, 9 Aug. - 30 Nov. 1965	1966
19660073495	Research on new concepts in energy conversion Quarterly technical progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660073496	Shock wave structure in a dusty ablating gas	1966
19660073497	Dynabit development research model of random access field auxiliary memory /BORAM/ TECHNICAL progress report, 1 Oct. - 30 Dec. 1965	1966
19660073498	Development of a multi-metal primer Progress report	1966
19660073499	Internal friction measurements and their uses in determining the interaction of acoustic waves with phonons, electrons and dislocations	1966
19660073501	Static and vibration behavior of inflated rectangular and delta planform plates Final report, Mar. 1964 - Sep. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073502	Development of nondestructive testing techniques for large solid rocket nozzles Final technical report, 11 Jun. 1964 - 31 Oct. 1965	1966
19660073505	The dependence of the temperature of the stress corrosion of AlZnMg3	1966
19660073507	Development of analytical methods for predicting residual cryogenic behavior in orbital vehicles Third quarterly report, 10 Dec. 1965 - 10 Mar. 1966	1966
19660073512	Cutting fluid lubricity and first cut surface roughness in single point turning	1966
19660073513	Measurement of distance across bodies of water	1966
19660073515	Base support services contractor. Volume 2 - Preventive maintenance Technical manual	1966
19660073516	Support services handbook. Volume III - Quick response general support services	1966
19660073518	Design of a load relief control system Progress report	1966
19660073522	Special functions and solution representations of partial differential equations Semiannual equations Semiannual progress report	1966
19660073524	Field infrared analysis of terrain Semiannual progress report, 1 Nov. 1965 - 1 May 1966	1966
19660073526	Energy spectra and distribution of mean and eddy kinetic energies from the surface to 50 km	1966
19660073529	Design of a cylindrical thrust structure - Unitized titanium alloy construction for Saturn S-IC thrust structure. Volume III - Structure analysis Final report, 8 Apr. 1965 - 15 Mar. 1966	1966
19660073533	Research on speech communication, automatic speech recognition Final report, Jan. 15, 1965 - Jan. 14, 1966	1966
19660073534	Solid state laser devices Quarterly progress report, 1 Sep. - 30 Nov. 1965	1966
19660073535	Design of a cylindrical thrust structure - Unitized titanium alloy construction for Saturn S-IC thrust structure. Volume I - Process development Final report, 8 Apr. 1965 - 15 Mar. 1966	1966
19660073537	An analysis of quasi-periodic wind variations from 25 to 65 kilometers	1966
19660073538	Investigation of solid state traveling-wave amplifier techniques for future satellite applications Interim progress report	1966
19660073540	Individual efficiency curves for the excitation of 23S and 21S states of helium by electron impact. Retarding potential measurement of the kinetic energy of electrons released in Penning ionization	1966
19660073541	Individual efficiency curves for the excitation of 23S and 21S states of helium by electron impact	1966
19660073542	Retarding potential measurement of the kinetic energy of electrons released in Penning ionization	1966
19660073543	Serum lipids and blood ketones during progressive hyperthermia Formal progress report, Feb. - Oct. 1965	1966
19660073545	The radioactivities in the mass number 90 region	1966
19660073548	Calculation of the forces and inductances for the hexapole experiment	1966
19660073550	The development and evaluation of a hydrocarbon binder for high energy solid propellants Final technical report, 11 Jan. 1965 - 10 Jan. 1966	1966
19660073553	CW plasma arc pumped laser Interim technical report no. 1, 1 Nov. 1965 - 31 Jan. 1966	1966
19660073556	Study of microwave generation by means of interaction with an anisotropic media Quarterly report no. 2, 1 Sep. - 30 Nov. 1965	1966
19660073557	A study of information flow in multiple- computer and multiple-console data processing systems - II Final report	1966
19660073558	Reliability testing and prediction techniques for high-power silicon transistors Interim technical report no. 1, 19 Apr. - 19 Oct. 1965	1966
19660073560	Low-noise L-band/wideband/ transistor amplifier Quarterly technical report no. 6, 1 Sep. - 30 Nov. 1965	1966
19660073561	Investigation of the effects of ionizing radiation on a particular compound /tetracyanoethylene/	1966
19660073562	The effect of sampling on frequency measurement of a narrow-band random process	1966
19660073563	Design, fabrication, and functional evaluation of recuperator for advanced power conversion experimental facility Design report, addendum 1	1966
19660073567	International Colloquium on Leptospirosis Antwerp, Belgium, 3-5 December 1965	1966
19660073569	Design study for establishing an open-ocean tilt-float configuration helicopter, volume II Final report	1966
19660073570	Millimeter and submillimeter device research Second quarterly progress report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660073572	Field intensity probe instrumentation Final technical report, 20 Nov. 1964 - 9 Jun. 1965	1966
19660073573	Correlation of laminar skin-friction calculations, October 1962 - November 1963	1966
19660073574	Design study for establishing an open-ocean tilt-float configuration helicopter, volume I Final report	1966
19660073575	A design procedure for band-pass transmission- line filters Third technical report	1966
19660073576	Study of deleterious interactions of refractory metals with air at high temperatures Quarterly report, Dec. 1, 1965 - Mar. 1, 1966	1966
19660073577	Interagency Chemical Rocket Propulsion Group, Working Group on Design Automation, 14th meeting proceedings	1966
19660073580	Research on detonation wave mechanics Final report, Oct. 1964 - Jul. 1965	1966
19660073581	Aerodynamic characteristics of high L/D HYPERSONIC airbreathing configurations. Part I - Analytical studies. Volume 1 - Baseline configuration characteristics and parametric crossplots Final report	1966
19660073582	Aerodynamic characteristics of high L/D HYPERSONIC airbreathing configurations. Part I - Analytical studies. Volume 2 - Analysis methods, detail plots, and design charts Final report	1966
19660073583	A new class of carboranes - Methyl derivations of 2-carbahexaborane-9 Interim report	1966
19660073587	Analytical and experimental investigation of air-augmented rockets to determine thrust minus drag /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660073589	Beryllium propellant development /U/ Final report, 18 Aug. 1964 - 31 Sep. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073590	Sailwing glide dispersion investigations /U/ Program summary report, 15 Feb. - 1 Jan. 1966	1966
19660073596	Space Programs Summary no. 37-38, volume V for the period December 1, 1965 to March 31, 1966. Supporting research and advanced development /U/	1966
19660073602	Advanced technology propellant effort /U/ Final report, 18 Aug. 1964 - 31 Sep. 1965	1966
19660073650	Advanced Design Array Radar /ADAR/ STUDY /U/ Final report component	1966
19660073676	Evaluation of the aided visual system /Munitions delivery system with laser ranging/ /U/ Final report, 10 Feb. 1964 - 18 Oct. 1965	1966
19660073679	Low observable reentry vehicle program. Flight evaluation report L6 and L-2A /U/	1966
19660073680	Simulation capabilities and mass requirements of boosted decoys /U/	1966
19660073682	Effects of symmetrically distributed mass addition on the aerodynamic characteristics of a 9-deg cone at Mach number 3.97 /U/	1966
19660073744	Component propulsion program for future high- performance strategic aircraft. Volume IX - Burners /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073745	Component propulsion program for future high- performance strategic aircraft. Volume XVIII - Demonstrator engine /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073747	Component propulsion program for future high-performance strategic aircraft. Volume III - Cycle performance studies /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073748	Component propulsion program for future high-performance strategic aircraft. Volume IV - Engine design studies /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073749	Component propulsion program for future high-performance strategic aircraft. Volume VI - Fan and low pressure compressor /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073750	Component propulsion program for future high-performance strategic aircraft. Volume VII - High pressure compressor /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073751	Component propulsion program for future high-performance strategic aircraft. Volume X - Turbine aerodynamics /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073752	Component propulsion program for future high-performance strategic aircraft. Volume XI - Turbine cooling /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073753	Component propulsion program for future high-performance strategic aircraft. Volume XII - Augmenters /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073754	Component propulsion program for future high-performance strategic aircraft. Volume XIII - Nozzles /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073755	Component propulsion program for future high-performance strategic aircraft. Volume XV - Bearings /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073756	Component propulsion program for future high-performance strategic aircraft. Volume XVI - Seals /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073757	Component propulsion program for future high-performance strategic aircraft. Volume XVII - Controls /U/ First semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073758	Altitude Performance Evaluation of Two AIMP RETROGRADE Motors /TE-M-458/ on a Spacecraft Spinning at 28 Rpm /U/	1966
19660073760	Combustion apparatus for an underwater thermal propulsion system /U/	1966
19660073761	Crossed field high power wide band noise generator /U/ Final technical report, 30 Jun. 1964 - 30 Jun. 1965	1966
19660073766	156 inch fiberglass LITVC motor program, volume I /U/ Quarterly progress report no. 2, 1 Sep. - 30 Nov. 1965	1966
19660073795	Feasibility study on high performance short duration power batteries /U/ Quarterly technical progress report, 15 Jun. - 15 Sep. 1964	1966
19660073808	Analysis of one-dimensional heat conduction computer program	1966
19660073809	The problem of phosphorus content in AK- steel	1966
19660073810	Thin semi-conducting films for solid circuits Semiannual report, 1 Jul. - 31 Dec. 1965	1966
19660073811	Metallurgical analysis of failed 105mm Howitzer - M102 tube no. 58766	1966
19660073813	Research on polybenzimidazole resin in composite structures Interim engineering progress report, 15 Dec. 1965 - 15 Mar. 1966	1966
19660073817	Regular pulsations with periods greater than 5 seconds /A review/	1966
19660073820	Beacon field test unit	1966
19660073821	Aerospace nuclear safety Quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660073826	RFD-2 flight test program Supplementary analysis report	1966
19660073846	Solenoid-operated bi-propellant valve PN 5659350 for NASA C-1 engine Final report	1966
19660073847	Bulletin of the Fourth Meeting of the Interagency Chemical Rocket Propulsion Group, Working Group on Mechanical Behavior, volume III	1966
19660073848	Review of 1965 Army programs in propellant mechanical behavior and grain structural integrity	1966
19660073849	Progress in the Navy contract research program on the mechanical behavior of solid propellant grains	1966
19660073850	Naval Field Laboratories propellant mechanical properties report	1966
19660073851	Air Force report to Working Group on Mechanical Behavior	1966
19660073852	Air Force solid propellant structural analysis programs	1966
19660073853	National Aeronautics and Space Administration mechanical properties program	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073854	A report for the session on new or improved experimental methods for characterization	1966
19660073855	An optical device to measure broad spectrum physical properties	1966
19660073856	Review of Fourth Meeting, Working Group on Mechanical Behavior, November 1965	1966
19660073859	Ionic reactions in gaseous amines	1966
19660073860	Effect of JP-5 sulfur content on hot corrosion of super alloys in marine environment Progress report no. 2	1966
19660073861	Investigation of the application of visioelasticity methods of analysis to metal deformation processing Final report	1966
19660073862	Study of ECM antenna optimization Second quarterly report, Oct. - Dec. 1965	1966
19660073863	Stellar background measurement program Final report	1966
19660073864	Investigation of hermetically sealed, maintenance-free, high rate, nickel-cadmium batteries for aircraft applications Quarterly technical progress report	1966
19660073865	Extremization of products of powers of functionals	1966
19660073866	Imploding shocks and detonations	1966
19660073869	Advanced technology studies under production support program. Exhaust cloud diffusion study	1966
19660073870	Kinetics of decomposition of solid oxidizers	1966
19660073873	Technology and applications to bionics of optical transitions in colored crystals Final report, 1 Jun. 1963 - 15 Dec. 1965	1966
19660073874	The NOL 4-ring a-c arc heaters	1966
19660073875	The technical aspects of a Saturn vehicle fire detection system Seventh informal quarterly report, 20 Dec. 1965 - 19 Mar. 1966	1966
19660073876	Physiological ecology of cryophilic algae Semiannual research report	1966
19660073877	Time-temperature characteristics of thin-skinned models as affected by thermocouple variables Second semiannual report	1966
19660073880	Demonstration of a solid-propellant-motor malfunction-detection and combustion termination system Eighth monthly progress report, 1-28 Feb. 1966	1966
19660073881	Development of improved sterilizable potting compounds and conformal coatings for space applications Ninth quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660073885	An investigation of the base environment of the Saturn S-IC booster at low altitudes using short duration experimental techniques	1966
19660073889	Scattering measurements Annual summary report, 1 Feb. 1965 - 31 Jan. 1966	1966
19660073890	Phrase-structure oriented targeting query language Final report, 30 Dec. 1964 - 3 Oct. 1965	1966
19660073893	Materials development for solar cell applications Third quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660073895	Skin friction and heat transfer for high temperature equilibrium boundary layer flows with and without blowing	1966
19660073897	American Chain and Cable model 54 Rate gyroscope evaluation	1966
19660073898	Orbiting Vehicle Mark 2 program, OV2-1 SUMMARY report, Jun. 1964 - Oct. 1965	1966
19660073899	Minutes, 19th meeting, Interagency Chemical Rocket Propulsion Group, Working Group on Liquid Propellant Test Methods	1966
19660073900	Basic photonuclear research Technical summary report, 1 Feb. 1965 - 31 Jan. 1966	1966
19660073901	A universal method for spectrochemical analysis Progress report	1966
19660073902	Pressure survey analysis for STAFF flight no. 4	1966
19660073927	Development of microminiaturized multilayer printed circuit boards Final report	1966
19660073928	Development of chemostat for propagation of hydrogenomonas Progress report no. 2, Dec. 1, 1965 - Apr. 29, 1966	1966
19660073929	Theory of the shape and gravity field of the moon. Part II - Lunar constants and gravity field Final report	1966
19660073931	Conduct research on the effect of very strong fields and of magnetic field-free environments on man and animals Progress report, 1 Feb. - 30 Apr. 1966	1966
19660073932	Failure mechanisms and statistical aspect of metal fatigue Technical progress report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660073934	Space related research in selected fields of physics and astronomy Semiannual status report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660073935	Design, development, testing and fabrication of a thermoelectric cryogenic sensor Third quarterly report	1966
19660073938	Absolute-type pressure switch, phase I Final report	1966
19660073939	Development of manufacturing procedures for planetary spacecraft to be sterilized by heating Third quarterly progress report, 5 Nov. 1965 - 4 Mar. 1966	1966
19660073946	Transistor quality statistics in a pulsed ionizing radiation environment Delta ICBO FINAL report	1966
19660073949	Category II high temperature evaluation of the F-4C aircraft in the desert Final report, Aug. - Sep. 1965	1966
19660073951	Advanced retrodirective antenna program Final report, 1 Jun. 1964 - 1 Sep. 1965	1966
19660073954	Model reference adaptive control of a nuclear rocket engine	1966
19660073960	Applicability of olfactory transducers to the detection of human beings Semiannual technical report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660073961	Asymptotic solution for infinite cylinder reinforced by radially loaded ring	1966
19660073965	Moving Target Indicator /MTI/ and Sensitivity Time Control /STC/ MODIFICATION to radar set AN/TPS-34 Final report	1966
19660073973	Research studies of high-density plasmas Fourth quarterly progress report, 15 Jun. - 15 Sep. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660073974	Advanced thin-film solar cells Quarterly technical report, Nov. 16, 1965 - Feb. 28, 1966	1966
19660073975	Solid state physics at some universities in southern Germany	1966
19660073976	Research studies of high-density plasmas Fifth quarterly progress report, 15 Sep. - 15 Dec. 1965	1966
19660073979	Plasma-injection vacuum energy diverter /Crowbar/ Final report, 1 Jul. 1964 - 30 Jun. 1965	1966
19660073980	Heterodyne generation of long wavelength infrared energy Summary technical report, 1 Mar. - 31 Dec. 1965	1966
19660073981	Niobium alloys and compounds	1966
19660073983	Effect of mechanical shock on boiler refractory Final report	1966
19660073984	Study of methods to control grain size, purity and texture in beryllium and beryllium alloys Final report	1966
19660073986	Predictors of performance - Behavioral and physiological measures Annual progress report, 1 Feb. 1965 - 21 Mar. 1966	1966
19660073989	Implementation of methods to reduce the sensitivity of the iterative guidance mode to thrust fluctuations of the AS-501 VEHICLE	1966
19660073994	Vehicle system integration requirements and restraints document for the Orbiting Astronomical Observatory /OAO-B/	1966
19660074000	Development and demonstration of criteria for liquid fluorine feed system components Quarterly report, 1 Jan. - 1 Apr. 1966	1966
19660074001	Measurement techniques for combined effects testing of thermal coatings Second quarterly progress report	1966
19660074002	Expected Doppler shift and rate of change of Doppler shift during a Jovian mission	1966
19660074003	Continuous scanning meteorological camera system for ATS First quarterly report, 22 Sep. - 22 Dec. 1965	1966
19660074005	Modular nuclear vehicle design. Volume 1 - Summary	1966
19660074031	Discrete numerical filters	1966
19660074032	Vaporization of compounds and alloys at high temperatures. Part XXX - Mass spectrometric study of the gaseous indium chalcogenides	1966
19660074033	Memory systems for microcircuits /Manufacturing methods/ Final report, 1 Jun. 1964 - 31 Dec. 1965	1966
19660074034	Millimeter and submillimeter component development Final report, Mar. 1964 - Jun. 1965	1966
19660074036	Maximum lift-to-drag ratio of a nonslender, flat-top, hypersonic wing	1966
19660074038	Flow in a precessing spherical enclosure. I - High viscosity	1966
19660074039	Parametric study of rocket grain configurations by photoelastic analysis Final report	1966
19660074040	Synthesis of new fluorine compounds Annual technical summary report, 1 Oct. 1963 - 30 Sep. 1965	1966
19660074042	Experimental verification of the theory of damping of a simple structure by distributed tuned dampers Summary report, Apr. - May 1965	1966
19660074044	Time based analysis of control activities and information requirements for V/STOL	1966
19660074045	A source distribution technique for solution of two-dimensional scattering problems	1966
19660074046	Time required for establishing detached bow shock	1966
19660074048	Flexible integrated solar cell array Third quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660074050	A summary of force-transducer technology - Measurement techniques, calibration, element design, availability, and research activity	1966
19660074051	Ablator attachment techniques for glide re-entry vehicles Final report	1966
19660074055	Program ASTEC /Advanced Solar Turbo Electric Concept/. Part IV - Solar collector development support tasks. Volume VI - Development of analytical techniques to predict the structural behavior of petal- type solar collectors Final report, 1 Oct. 1964 - 30 Jul. 1965	1966
19660074057	Study of rocket engine exhaust products Final report, 1 Jun. 1961 - 31 Jul. 1965	1966
19660074058	Program ASTEC /Advanced Solar Turbo Electric Concept/. Part II - High- temperature materials laboratory tests Final report, 1 Jul. 1964 - 1 Aug. 1965	1966
19660074061	Alumina ceramics Technical report, Aug. 1964 - Jul. 1965	1966
19660074063	A model for the wall boundary condition in kinetic theory, 1 December 1965 - 15 January 1966	1966
19660074065	PHOTRAN, a general purpose photon transport program in complex geometry. Volume 1 - Theory and users manual Research report, Jan. 1965 - Feb. 1966	1966
19660074069	Experiment on subjective rating of noises I	1966
19660074070	Investigation and application of element redundancy in flight control system sensors Final report, Jan. 1965 - Mar. 1966	1966
19660074072	Fluidized bed techniques for coating refractory metals Fifth interim engineering progress report, 8 Dec. 1965 - 8 Mar. 1966	1966
19660074073	Comparative study of the determination of the grain size distribution of dusts by means of a high-voltage precipitator and an electron microscope	1966
19660074074	Development of a tubing and bar process for a dispersion strengthened Ni-Cr-ThO ₂ alloy Interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660074075	Development of fibrous reinforced ceramic radomes for high temperature applications	1966
19660074076	A research investigation of the factors that affect the superconducting properties of materials Summary technical report, Jun 15, 1963 - Oct. 15, 1965	1966
19660074077	Development of manufacturing methods for the production of infiltrated tungsten composite rocket nozzle inserts Interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074078	Development of manufacturing procedures for a new high-strength beta titanium alloy having superior formability Interim engineering progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660074079	Effect of intervening terrain on horizon-sky brightness Final report	1966
19660074083	Investigation in the fabrication of silicon carbide p-n-p-n switch Final report, 1 May 1964 - 30 Nov. 1965	1966
19660074085	Development and/or establishment of processes to fluxless braze complex structures of aluminum alloys Third interim engineering progress report, 16 Dec. 1965 - 15 Mar. 1966	1966
19660074086	The design and construction of thin film radiation thermopiles Technical report, Nov. 1, 1964 - Jul. 31, 1965	1966
19660074087	Investigation of rarefied gas flows Status report, 1 Nov. 1965 - 1 May 1966	1966
19660074089	An electrohydrodynamic vapor absorption refrigerator for weightless environments Second monthly progress report, 7 Mar. - 7 Apr. 1966	1966
19660074090	Influence of zero gravity on isolated human cells Progress report, 1 Aug. 1965 - 31 Apr. 1966	1966
19660074091	Influence of metabolic accumulation of products of Hydrogenomonas cells on their continued growth Progress report no. 4, 1 Nov. 1965 - 30 Apr. 1966	1966
19660074093	Study of nucleonic mass flow principles Third quarterly report	1966
19660074094	Studies leading to identification of Agriculture Forestry experiments utilizing manned orbiting space stations Quarterly status report, 1 Oct. 1965 - 1 Apr. 1966	1966
19660074095	Dynamic response of structural elements to sonic booms of arbitrary pressure wave shapes Report no. 1	1966
19660074096	Develop microwave imaging and spectral systems for use in orbiting spacecraft Semiannual report, 1 Sep. 1965 - 28 Feb. 1966	1966
19660074097	Infrared Interferometer Spectrometer /IRIS/ INSTRUMENT Second quarterly report, 15 Dec. 1965 - 15 Mar. 1966	1966
19660074098	Model 414 low thrust throttleable engine performance evaluation program Final report	1966
19660074099	Fine-grain analysis plan for Stellar Acquisition Feasibility Flights /STAFF/	1966
19660074100	Preparing steel before painting	1966
19660074106	Techniques for determining the cratering effects of surface and underground explosions	1966
19660074107	Sintering behavior of stabilized ZrO ₂ compositions Technical report, Apr. 1963 - Jul. 1965	1966
19660074108	Nike-Apache STV /SR-024/ /11 March 1966/ and Nike Apache STV /SR-025/ /11 March 1966/	1966
19660074109	4348-M polygroupoids Final report, 17 Jul. 1964 - 30 Sep. 1965	1966
19660074110	Meteorological rocket network firings. Volume XLV - May 1965 firings Data report	1966
19660074111	Pressure broadening of the 1.63 mm water vapor absorption line	1966
19660074112	Duality, linear filtering and control	1966
19660074113	Design guide for pressurized gas systems	1966
19660074115	Evaluation of characteristics affecting attainment of optimum properties of ablative nozzle components Second quarterly technical report, 22 Dec. 1965 - 18 Mar. 1966	1966
19660074116	Laser spectral control techniques Second quarterly report	1966
19660074117	Electronically tunable parametric amplifier Technical documentary report no. 1	1966
19660074118	Stellar Acquisition Feasibility Flights /STAFF/. Volume II - Technical Program progress report no. 37, period covering Mar. 1966	1966
19660074119	Automatic data rate changer for radio adaptive communications Quarterly report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660074121	Development of improved cutting tool materials Interim engineering progress report, 14 Dec. 1965 - 14 Mar. 1966	1966
19660074123	Integrated magnetic variable gain networks Fourth interim technical report, 1 Oct. 1965 - 31 Jan. 1966	1966
19660074124	Space-radiation damage to electronic components and materials	1966
19660074125	Developing a process for ausforging large, high-strength steel aircraft structural components with improved design and weight reduction Interim engineering progress report no. 2, 15 Oct. 1964 - 14 Jan. 1966	1966
19660074126	Development and fabrication of mechanically compensated crystal units Second quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660074128	Development of equipment for automatic narrow-gap welding for shipyard use Quarterly progress report, Dec. 1, 1965 - Feb. 28, 1966	1966
19660074131	VLF propagation and noise measurements in the Pacific	1966
19660074134	Microwave generation by means of interaction with anisotropic media Quarterly progress report no. 2, 15 Sep. - 15 Dec. 1965	1966
19660074138	Use of epoxy in wire-rope terminals Interim report	1966
19660074144	The Bhatnagar-Gross-Krook equation as an approximation of the Boltzmann equation Interim report	1966
19660074145	Basic structure of infrared glasses Semiannual progress report, 1 Aug. 1965 - 1 Feb. 1966	1966
19660074147	Development and evaluation of forging parameters in the manufacture of conical beryllium structural shapes Interim engineering progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660074148	Development of a high-temperature, nuclear- radiation-resistant pneumatic power system for flight vehicles	1966
19660074150	Light scattering and particle-size distribution of spherical particles. Part I - Theoretical. Part II - Experimental	1966
19660074151	Scattering by hollow finite cylinders and infinite coated cylinders Final report	1966
19660074153	Low-level jet winds at Green River, Utah	1966
19660074154	Equilibrium concentrations for an air-water plasma, 3000 - 7000 deg K	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074156	Mass spectrometer and UV Absorption study of CHF ₃ decomposition behind shock waves	1966
19660074157	Laser /optical maser/ beam fusion welding Interim engineering progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660074158	Elastic and inelastic electron scattering from C12 and O16	1966
19660074160	Research on optoelectronic functional electronic blocks Interim engineering report no. 3	1966
19660074161	Response of a multi-story frame structure to random excitation	1966
19660074162	Development of controllable selective amplification in silicon-based microcircuitry Third interim report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660074163	Improved insulators for rocket motors Summary report, 1 Sep. 1964 - 31 Aug. 1965	1966
19660074165	Fabrication techniques for light weight hyper- environment E-M windows Interim engineering report no. 3, 1 Dec. 1965 - 28 Feb. 1966	1966
19660074166	Quartz crystal reliability studies Final report, 1 Jul. 1963 - 29 Oct. 1965	1966
19660074169	Approximate solution of the Boltzmann equation for a shockwave	1966
19660074171	Advanced X-ray tube development Technical report, Jul. - Dec. 1964	1966
19660074172	Automated operation of JFC rigs Quarterly engineering progress report, 3 Nov. 1965 - 3 Feb. 1966	1966
19660074176	Flame inhibition research Final report, 1 Nov. 1960 - 30 Jun. 1965	1966
19660074177	Investigation of the use of engine oils in aircraft hydraulic systems Final report	1966
19660074178	Problems and solutions in the fabrication of H-film /KAPTON/ flexible circuits	1966
19660074181	Problems of cavitation on marine propellers	1966
19660074183	Wideband optical modulator technique Quarterly report no. 2, Oct. 1, 1965 - Jan. 1, 1966	1966
19660074184	Electron beam on film recorder Final technical report	1966
19660074185	Investigation of the electrode migration and reaction process occurring in alkaline-zinc batteries Quarterly technical progress report, 1 Dec. 1965 - 1 Mar. 1966	1966
19660074186	The viscosity and binary diffusion coefficient of neon-carbon dioxide mixtures at 20 deg C and 30 deg C	1966
19660074188	Simultaneous plasma analysis techniques Final technical report, Jan. 1, 1962 - Jan. 31, 1965	1966
19660074190	Statics and stability of thin-walled elastic beams. Part I - Formulation of fundamental equations Final report, Feb. - Jun. 1965	1966
19660074191	A fiberglass-reinforced plastic container for storage and deployment of an atomic device	1966
19660074194	Investigation of silver halides for electron-beam recording Final report, 1 Jan. - 31 Dec. 1965	1966
19660074195	Fiber-reinforced metallic composite materials, phase III Interim engineering progress report, 1 Dec. 1965 - 1 Mar. 1966	1966
19660074196	The rate of termolecular atomic recombinations	1966
19660074197	Crystals for optical maser applications Third quarterly report, 1 Aug. - 31 Oct. - 1965	1966
19660074202	Immediate recall of spoken digits presented three at a time	1966
19660074204	Measurements of the structural and acoustic properties of a stiffened cylindrical shell in water Test report	1966
19660074205	A general matrix program and its application to the computation of /structural/ vibration modes and frequencies. Part I - Problem formulation Technical report, Jul. 1964 - Jun. 1965	1966
19660074206	Research on the stability of high strength H ₂ O ₂ Final report	1966
19660074208	Study of a 100-watt Ku-band traveling wave tube Quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660074211	Solid state plasma phenomena investigation Technical report, 4 Jan. - 31 Dec. 1965	1966
19660074213	Data quantization effects in attitude control systems	1966
19660074214	Abrasion by lamellar solid lubricants	1966
19660074215	Ceramic systems for missile structural applications Quarterly report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660074217	The catalytic activity of metal oxides on thermal decomposition reactions Third quarterly progress report, 1 Sep. - 30 Nov. 1965	1966
19660074219	Friction and wear behavior of solid films Technical report, 31 Dec. 1964 - 31 Dec. 1965	1966
19660074222	Research on binary and ternary detector materials Semiannual technical report, 15 Jul. 1965 - 14 Jan. 1966	1966
19660074223	Wide band cryogenic parametric amplifier Interim technical report, Sep. - Dec. 1965	1966
19660074226	Error rates for high-speed digital data transmission on ETR HF radio circuits	1966
19660074227	Wave propagation in an elastic cylinder	1966
19660074228	Maintenance-free silver-cadmium batteries for aircraft emergency applications Quarterly technical progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660074229	Study of image-evaluation techniques Interim engineering report no. 14, 15 Oct. 1965 - 15 Jan. 1966	1966
19660074230	A review of image evaluation methods in relation to aerial photography	1966
19660074231	Stress waves in bounded media Quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660074232	Design of a 220-260 Gc/s radiometer and atmospheric attenuation between 160 Gc/s and 260 Gc/s	1966
19660074233	Kinetic thermodynamics	1966
19660074234	Single quantum annihilation of positrons Final report	1966
19660074235	Molecular electronics for radar applications Second interim report, Dec. 1965 - Feb. 1966	1966
19660074236	Low weight focusing schemes for TWT Third quarterly progress report, 3 Nov. 1965 - 3 Feb. 1966	1966
19660074238	Optically pumped image light amplification Final technical report, 15 Dec. 1964 - 15 Jan. 1966	1966
19660074241	Propellant combustion phenomenon during rapid depressurization Quarterly report no. 3, Jan. 1 - Mar. 31, 1966	1966
19660074243	Transient suppressors for radio set AN/GRC-106 and its configurations	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074244	Study of microwave generation utilizing double-stream instabilities in anisotropic media Quarterly progress report, 1 Sep. - 31 Dec. 1965	1966
19660074245	Research and development of manufacturing methods for PBI fibers and fibrous structures of PBI yarns. Design of commerical plant, phase IV	1966
19660074251	Teaching machine capability for training operators. Self-instruction utilizing console displays and a coordinated programmed textbook Interim report	1966
19660074253	Improvement of optical heterodyne systems through spatial filtering	1966
19660074256	Research on rare earth fluoride materials Final report, 1 Dec. 1964 - 30 Nov. 1965	1966
19660074258	Nonlinear effects on the instability of the interface of an inviscid incompressible fluid and the formation of spikes Technical report no. 18	1966
19660074259	Synthesis of carborane-xylylene polymers for high temperature service Progress report, 12 Oct. 1965 - 11 Jan. 1966	1966
19660074260	Development of a point deformation rolling mill Seventh interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660074261	Semiconductor optoelectronic phenomena investigation Final technical report, Jan. 1965 - Jan. 1966	1966
19660074262	Arc melting, working and properties of tungsten plus 0.6 columbium alloy	1966
19660074266	Determination of stagnation temperatures in the R.A.R.D.E. hypersonic gun tunnel from streak camera measurements of low velocity	1966
19660074268	Proceedings of the VESIAC Special Study Conference on seismic signal anomalies, travel times, amplitudes, and pulse shapes	1966
19660074272	Surface wave behavior in phased arrays Second quarterly progress report	1966
19660074274	Stellar background measurement program Final report, 1 Apr. 1963 - 31 Mar. 1965	1966
19660074275	Research on ferret associative memory Final report, 15 Apr. 1964 - 14 Dec. 1965	1966
19660074276	Re-entry Physics /REP/ program. Volume I - Unclassified portion Semiannual program progress report, period ending 31 Dec. 1965	1966
19660074277	Helmet transceiver Final technical report, 1 Mar. 1965 - 31 Jan. 1966	1966
19660074279	Electrophoretic deposition of refractory metals coatings Interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660074282	Consolidated quarterly progress report, period ending April 30, 1966	1966
19660074283	Studies for contingency planning on the Apollo program Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660074284	Ablative nozzle throat postfire evaluation Final report, 15 Oct. 1965 - 14 Jan. 1966	1966
19660074285	A general study of the dynamics and stability of ablative melt layer Progress report, Oct. 1, 1965 - Mar. 31, 1966	1966
19660074286	Measurement techniques for the directional spectral intensity of low energy protons, including the construction of a prototype instrument Semiannual report, Jul. 1 - Dec. 31, 1965	1966
19660074288	Deep ocean monitoring of "Long Shot"	1966
19660074289	Development of an improved manufacturing process for the hot extrusion of alloy steel structural shapes Interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660074290	The Mossbauer effect in surface studies, Fe57 on Ag	1966
19660074291	High-energy-rate processes	1966
19660074294	Hemispheric humidity conditions during the IGY Scientific report no. 6	1966
19660074295	A pair of time pulse units	1966
19660074296	Process development of large, close tolerance forgings of nickel base superalloys Interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660074299	Magnetic compression of electron beams First quarterly report, 1 Jul. - 30 Sep. 1965	1966
19660074300	Advanced ceramic systems for rocket nozzle applications First quarterly progress report, 1 Nov. 1965 - 28 Feb. 1966	1966
19660074301	Transverse-wave high-power tube Third quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660074302	Transonic wind tunnel tests of two prototype pitot-static pressure probes Test report	1966
19660074308	Explosive properties and handling characteristics of HNS-I /U/	1966
19660074309	Advanced propellant staged combustion feasibility program. Part II - Appendixes /U/ Final report, phase I	1966
19660074310	Advanced propellant staged combustion feasibility program. Part I - Technical report /U/ Final report, phase I, 1 Jun. - 30 Nov. 1965	1966
19660074312	Spectrometric evaluation of metal containing fuels Third quarterly technical report, 1 Dec. 1965 - 15 Feb. 1966	1966
19660074313	Chemistry research /U/ Quarterly progress report, Jul. - Sep. 1965	1966
19660074316	A random intact re-entry and earth burial feasibility study for radioisotope thermoelectric generators Final summary report	1966
19660074319	An experimental investigation of the light scattering properties of launch-generated products of ablation /U/ Final report, 1 Oct. 1965 - 15 Mar. 1966	1966
19660074321	DC-MAW propulsion development system /U/ Final report	1966
19660074323	Space armor penetration studies /U/ Final report, Mar. 26, 1964 - Mar. 26, 1965	1966
19660074324	Synthesis of inorganic oxidizers /U/ Quarterly progress report, Dec. 1, 1965 - Mar. 1, 1966	1966
19660074326	A study of the effects of engine parameters on two-phase flow performance losses using N2O4/Alumizine propellants /U/ Second quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074328	Spot experiments on sky brightness measurements in the visible spectrum for the STAFF program, volume I /U/ Final report	1966
19660074332	Aerodynamic heating of AIM-9B /Sidewinder 1A/ /U/	1966
19660074333	HAP research and solid propellant scale- up /U/ Final technical summary report, 16 Jul. 1965 - 15 Feb. 1966	1966
19660074339	Optimization of armor protection coverage for Army aircraft aircrews /U/ Final report, Jun. 1964 - Jul. 1965	1966
19660074341	Evaluation of high-energy materials as liquid propellants /U/ Quarterly report	1966
19660074342	High energy oxidizer stabilization /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660074344	Fundamental research on the direct fluorination of organic compounds /U/ Quarterly progress report, Dec. 1965 - Feb. 1966	1966
19660074345	Missile-borne radar array antenna /U/ Second quarterly report, 16 Dec. 1965 - 15 Mar. 1966	1966
19660074346	Polyurethane foam consumable cartridge cases /U/ Progress report no. 3	1966
19660074347	Summary of research and development activities /U/	1966
19660074349	Critical reviews of the chemistry of advanced oxidizers and fuels /U/ Final report, 1 Jan. 1964 - 28 Feb. 1966	1966
19660074353	Processing magnetically taped infrared data acquired in the Arctic, and associated studies /U/ Final report, 14 Jun. 1963 - 14 Dec. 1965	1966
19660074354	Research directed toward development of a coherent infrared ranging and seeker system /U/ Quarterly report, 16 Dec. 1965 - 16 Feb. 1966	1966
19660074359	Force and pressure test of the fluid ejection decoy model at Mach 10 /U/	1966
19660074362	The mixing effectiveness of vortex generators on wake properties /U/	1966
19660074369	Explosives research and development /U/ Progress report, Jan. - Mar. 1966	1966
19660074372	Research in chemistry /U/ Quarterly progress report, Oct. - Dec. 1965	1966
19660074373	Propulsion development department review. Part 2 - Propellants and materials /U/ Progress report, Jan. - Mar. 1966	1966
19660074377	Oxidizer encapsulation /U/ Interim progress report, 1 Jan. - 31 Mar. 1966	1966
19660074378	Formulation and evaluation of liquid propellant dispersions /U/ Annual summary report, 1 Mar. - 13 Dec. 1965	1966
19660074379	Research in fluorine chemistry /U/ Progress report, 16 Dec. 1965 - 15 Mar. 1966	1966
19660074381	An experimental study of aerodynamic forces on lifting bodies under the influence of strong viscous interaction /U/	1966
19660074383	Investigations of very low frequency detection techniques in a sea medium /U/ Final engineering report	1966
19660074389	High energy oxidizers in solution /U/ Technical progress report no. 12, 15 Nov. 1965 - 15 Feb. 1966	1966
19660074392	Manufacturing methods for high energy metal hydrides /U/ Final report, 1 Jul. 1963 - 31 Jul. 1965	1966
19660074394	Chemical reactions and optical observables /U/	1966
19660074396	Preparation of hypergolic liquid propellant combinations /U/ Second quarterly progress report, 15 Sep. - 15 Dec. 1965	1966
19660074402	Demonstration of a multiple-ignition device for use with a restartable solid-propellant motor /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660074405	Propulsion development department review. Chapter 1 - Applied research propulsion programs /U/ Progress report, Oct. - Dec. 1965	1966
19660074407	Investigation of decomposition catalysts for 98 percent hydrogen peroxide /U/ Quarterly report, Dec. 1965 - Mar. 1966	1966
19660074408	The design, fabrication and test of pyrolytic graphite wedge heat sink nozzles /U/ Final report	1966
19660074415	Chemical additives for electron suppression in rocket exhausts /U/ Final report	1966
19660074417	Development of high-energy solid propellant formulations /U/ Final annual technical documentary summary report, 1 Mar. 1963 - 29 Feb. 1964	1966
19660074421	Hypergolic ignition at reduced pressures /U/ Final technical report part II, 15 Apr. - 15 Oct. 1965	1966
19660074440	High pressure chemistry of hydrogenous fuels /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660074443	Hybrid flight demonstration program /U/ Quarterly technical summary report no. 2, 1 Oct. 1965 - 15 Jan. 1966	1966
19660074445	Follow-on propellant extinguishment program /U/ Second quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660074448	Research in high-energy propellant ingredients, 1 October - 30 December 1965 /U/	1966
19660074463	Analytical and experimental investigation of air-augmented rockets to determine thrust minus drag /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1965	1966
19660074487	Propellant handbook /U/	1966
19660074488	Improved Titan predevelopment. Volume 5 - Improved Titan engine system development program /U/ Final report, Jul. 1963 - Jul. 1965	1966
19660074489	Improved Titan predevelopment. Volume 2 - Subscale thrust chamber assembly testing /U/ Final report, Jul. 1963 - Jul. 1965	1966
19660074490	Evaluation of PBEP, a high-energy binder /U/ Third quarterly report, 1 Sep. - 30 Nov. 1965	1966
19660074495	Radially distributed annular combustor for packaged liquid rocket engines /RADARC STATE of the art program/ /U/ Second quarterly report, 17 Aug. - 17 Nov. 1965	1966
19660074497	Propulsion optimization study /U/ 30 Jun. - 30 Sep. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074502	Laser reflectivity measurements at 1.06 microns /U/	1966
19660074509	A critical review of the chemistry of advanced fuels /U/	1966
19660074510	An investigation of the multi-nozzle rocket shroud concept /U/	1966
19660074513	A critical review of the chemistry of advanced oxidizers, volume II /U/	1966
19660074518	Thermal stability of polynitroaromatic amines /U/	1966
19660074521	Minuteman Stage I Wet Motor Evaluation Program /U/ Final engineering report	1966
19660074522	Basic chemical research for advanced storable liquid oxidizers /U/ First quarterly report	1966
19660074529	Demonstration of an advanced solid propellant /surveillance studies/ /U/ Addendum to final report	1966
19660074530	Improved Titan predevelopment. Volume IV - Full-scale breadboard engine and components /U/ Final report, Jul. 1963 - Jul. 1965	1966
19660074534	Missile-induced background illumination, final summary report for Stellar Acquisition Feasibility Flights. Volume II - Appendices /U/	1966
19660074535	Missile-induced background illumination, final summary report for Stellar Acquisition Feasibility Flights /STAFF/, volume I /U/	1966
19660074538	Improved Titan predevelopment. Propellant development /U/ Final report	1966
19660074540	Feasibility demonstration of a transpiration cooled nozzle system /U/ Final report, Jun. 1963 - May 1965	1966
19660074542	Aerodynamic characteristics of high L/D HYPERSONIC airbreathing configurations. Part II - Experimental studies. Volume 1 - Parametric force and moment tests /U/	1966
19660074567	High temperature bearing and retention development Final report, Mar. 1964 - May 1965	1966
19660074569	Hypervelocity Range Program /HYRAP/ THIRD quarterly report, 1 May - 31 Aug. 1965	1966
19660074570	The high temperature bearing characteristics of alumina Final report, Sep. 1963 - Dec. 1965	1966
19660074573	Vibration excitation and molecular dissociation of gaseous oxygen and carbon dioxide behind the shock wave front	1966
19660074574	Investigation of the structure of comets	1966
19660074575	Efficiency requirements for supply systems of large liquid-propellant rocket engines	1966
19660074576	Alkalimetric microanalysis of amino acids and peptides	1966
19660074577	Contributions to the calculation of the mean temperature of a mixture burning in the flame tube of an annular combustion chamber	1966
19660074578	Diagnostic value of comparative measurement of the pulse wave velocity in judging the service fitness of recruits	1966
19660074579	Electric arcs with and without focal spots	1966
19660074580	The formation and diffusion of kinks as the fundamental process of dislocation movement in internal friction measurements	1966
19660074581	Field emission microscopy of alkali halides on tungsten. 1 - Field emission microscopy of cesium chloride on tungsten	1966
19660074582	Project of photoelectric observations of the occultation of stars by artificial earth satellites for geodetic purposes	1966
19660074583	Phenomena near electrode surfaces in a MHD generator	1966
19660074584	New types of tantalum, niobium, liquid or sintered alloys and composite material with graphite	1966
19660074585	Semiconductor masers	1966
19660074586	Twenty-four-hour rhythm of erythropoiesis	1966
19660074616	Development of extruding, drawing, and heat treating processes for thin steel extrusions Interim engineering progress report no. 3, 1 Jan. - 31 Mar. 1966	1966
19660074617	Calibration tests of two aerodynamically compensated pitot-static probes at supersonic Mach numbers	1966
19660074620	Ballistic behavior of adhesively bonded honeycomb aluminum panels for a high-performance aircraft Final report, 1 Feb. - 15 Oct. 1965	1966
19660074621	Investigation of the current density limitations in a thermionic converter Technical summary report, 1 Nov. 1964 - 31 Dec. 1965	1966
19660074622	Anisotropic liquids for detection of contaminants /U/ Twentieth letter report	1966
19660074623	Array research - Discussion of LASA PROCESSING requirements Special report no. 13	1966
19660074624	Development of die materials for hot extrusion of steel and refractory metals Third interim technical engineering report, Jan. 1 - Mar. 31, 1966	1966
19660074626	Nike-Apache SR-019 /19 November 1965/ Meteorological data report	1966
19660074628	Investigation of high temperature bearing elements Final report, Dec. 1963 - Jun. 1965	1966
19660074629	Junglebuoy navigation beacon First interim report	1966
19660074630	Investigation of a high speed directly driven engine hydraulic pump Quarterly progress report no. 6, Oct. 1965 - Mar. 1966	1966
19660074632	Frequency diversity radar study. Volume I - Experimental verification of frequency and polarization diversity on the statistics of the radar cross section of satellite targets Final report, 1 Jun. - 31 Dec. 1965	1966
19660074634	Report on a demonstration test of computer- assisted countdown Final report	1966
19660074635	Network analysis of countdown	1966
19660074636	Preliminary design, ENCAR-1 rocket-borne cryogenic air sampler	1966
19660074637	Ultraviolet instrumentation for orbital remote sensors	1966
19660074638	Selecting and sequencing tests in an adaptive countdown	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074639	Investigate advanced heat exchanger designs of compact heat exchangers when operating in a marine environment Quarterly progress report no. 3, 1 Jan. - 26 Mar. 1966	1966
19660074640	Aerodynamic performance analysis, SLV-3/Agenda/Lunar Orbiter	1966
19660074642	Auto-correlation and cross-correlation of forebrain electrical potentials evoked by sensory and other input Final report, 1 Sep. 1964 - 31 Mar. 1966	1966
19660074643	Frequency converter units for Ku- to Ka-band operation Interim development report no. 4, 1 Dec. 1965 - 28 Feb. 1966	1966
19660074645	Development of remote cutoff MOS field effect transistor Interim development report no. 3, 11 Nov. 1965 - 10 Feb. 1966	1966
19660074646	The effect of crustal structure on teleseismic P-wave travel-time anomalies at the TFSO extended array, Arizona	1966
19660074647	Mass transfer cooling in nitrogen and carbon dioxide gas streams Progress report	1966
19660074648	Statistical evaluation of the composition, physical properties, and surface configuration of terrestrial test sites and their correlation with remotely sensed data Semiannual status report	1966
19660074650	A study of extended plasma probes for satellites	1966
19660074651	Resume on concepts and methods for the establishment of contingency tables relating sound propagation parameters with pertinent atmospheric characteristics	1966
19660074652	Evaluation of radar imagery of highly faulted volcanic terrane in southeast Oregon	1966
19660074653	Testing remote sensing data over several types of broad geologic sites Progress report	1966
19660074655	Geology of the Bucks Lake, California, NASA remote sensing test site Technical report no. 5	1966
19660074656	Summary of significant results of remote sensing studies in 1965	1966
19660074657	Research in the synthesis and characterization of magnetic ferrofluids Quarterly report no. 3, 15 Dec. 1965 - 14 Mar. 1966	1966
19660074660	Development of a 50 KVA laboratory prototype superconducting ac generator Quarterly report no. 4, 1 Jan. - 31 Mar. 1966	1966
19660074661	Effect of high altitude to hematopoietic process Final report, 1 Mar. 1965 - 28 Feb. 1966	1966
19660074662	Increased photographic capability for the viewer-computer section of the AN/TSQ-43/ FINAL report, Apr. 1964 - Mar. 1965	1966
19660074663	Metals joining	1966
19660074665	Studies of the mechanism of crack propagation in salt water environments of candidate supersonic transport titanium alloy materials Final report	1966
19660074667	Theory of plane-homogeneous-and-isotropic turbulence	1966
19660074668	Tunable active ladder filters using operational amplifiers	1966
19660074671	Effect of cumulative damage on the biaxial compressive fatigue performance of filament wound laminates, 1 December 1965 - 28 February 1966	1966
19660074674	Lightweight propeller blades, 2FJ17-36S FINAL summary and qualification report, Jul. 1963 - Oct. 1965	1966
19660074680	Lunar survey viewfinder. Volume I - Summary technical analyses and trade-off studies Final report	1966
19660074682	Advanced experimental thrust chamber program Monthly progress report, period ending 30 Apr. 1966	1966
19660074684	Development of improved semi-organic structural adhesives for elevated temperature applications Quarterly progress report no. 6, 2 Jan. - 30 Mar. 1966	1966
19660074685	Discrepancy analysis of preflight equipment failures, NASA satellites and probes programs	1966
19660074686	A methodological study of the physical environment - Project Duty Semiannual technical summary report, 1 Sep. 1965 - 28 Feb. 1966	1966
19660074689	Laboratory evaluation, Electro-Tech SPA-10-1, Mandrel Industries	1966
19660074690	Effects of second-phase particles on ductility Final report, 6 Feb. 1964 - 30 Jun. 1965	1966
19660074693	Design and manufacture of fifteen gallon propellant vessels for tank storability program Final report, Jun. - Dec. 1965	1966
19660074694	Syncom III Final evaluation report	1966
19660074695	A climatic Isovisic and nephanalysis atlas of the North Atlantic, North Pacific, and Indian Oceans	1966
19660074697	High-strength steels Review of recent developments	1966
19660074699	Seismic data - Long Shot	1966
19660074701	Specification for a PEGASUS computer program for plane frame vibration analysis	1966
19660074703	A multi-channel optical pyrometer for the 1500 deg K to 3000 deg K range Final report, Jun. 1, 1964 - Jul. 30, 1965	1966
19660074704	Experimental investigation of shock propagation in solids	1966
19660074706	Multicomponent strain seismograph Quarterly report no. 2, 1 Oct. - 31 Dec. 1965	1966
19660074707	Ground-based passive probing in the microwave region Final report	1966
19660074709	Circulation of the brain Status report, Apr. 1, 1965 - Mar. 31, 1966	1966
19660074710	Geology of the Arizona Sedimentary Test Site, Cane Springs, Arizona, NASA REMOTE sensing program Technical report no. 3, Jul. - Nov. 1965	1966
19660074715	The intensity distribution of spectral lines in the Fabry-Perot interferometer	1966
19660074717	Salinity, conductivity, and temperature relationships of seawater over the range of 0 to 50 P.P.T. Final report	1966
19660074718	Project GLOW television trackers Final report	1966
19660074719	Stability of control systems with multiple nonlinearities	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074720	Report of the Committee on Beryllium Metallurgy Sixth progress report	1966
19660074722	Investigation of flow field interference caused by shock impingement on a flat plate at Mach numbers of 6,8, and 10 Technical report, Oct. 19, 1964 - Jan. 11, 1966	1966
19660074725	Edward Davies Chemical Laboratory, University College of Wales, Aberystwyth	1966
19660074726	Economical approximate methods for calculation LF and VLF propagation via an ionosphere disturbed by nuclear detonations	1966
19660074727	Advanced microelectronic PCM telemetry system Final report, Jun. 1964 - Dec. 1965	1966
19660074728	Infrared spectroscopic study of hydrogen- fluorine flames. II - Analytical procedures	1966
19660074729	Centrifugal pump /high pressure/ for power transmissions Technical report, 16 Jan. 1963 - 15 Dec. 1965	1966
19660074737	Theoretical studies of heavy ion exchange in air Technical report, 12 Oct. 1964 - 12 Oct. 1965	1966
19660074740	New connector design lowers cost of military cable assembly processes	1966
19660074741	Multiple array processor - MCF redesign and evaluation Special report, 1 Oct. 1964 - 31 Aug. 1965	1966
19660074743	Semi-conductors for high temperature thermometry Final report	1966
19660074745	Step-tunable VHF power amplifier Technical memorandum no. 97	1966
19660074746	Spectroscopic technique for rocket engine performance monitoring Final report, Jan. - Aug. 1965	1966
19660074747	Validation of the energy-maneuverability theory. Optimum flight path for the F-104C AIRCRAFT Final report, 28 Sep. - 29 Oct. 1964	1966
19660074748	Development of the manufacturing capabilities of the hydrostatic extrusion processes Interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660074752	Research on ballistic missile defense phenomenology Final technical summary report, 1 Dec. 1964 - 31 May 1966	1966
19660074755	Sticky wire evaluation - Operation Roller Coaster Project officers report	1966
19660074756	Histograms and frequency distributions	1966
19660074757	Diagnostics and microwave scattering for an underdense turbulent plasma, II	1966
19660074758	Re-entry physics research Final technical summary report, 13 Jun. 1965 - 11 Feb. 1966	1966
19660074759	Proceedings of Third Annual Joint Services Electronics Program Review, March 17-18, 1966	1966
19660074768	High temperature polymers from 1,3-dipolar addition reactions Quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660074771	Use of the VLF/ELF peak amplitude ratio for discrimination between sferics and the electromagnetic pulse from low-altitude nuclear detonations Semiannual technical summary report, 1 Sep. - 28 Feb. 1966	1966
19660074774	Plasma with two particle correlation	1966
19660074775	Array research - Automated mapping system Special report no. 11	1966
19660074776	Research on new techniques in absorption and emission spectroscopy Quarterly progress report	1966
19660074779	On linear relationships between middle cloud amount and 700-mb dewpoint depression	1966
19660074781	PHOTRAN - A general purpose photon transport program in complex geometry. Volume II - Detailed program description Technical report, Jan. 1965 - Feb. 1966	1966
19660074782	Program generator for finite-rate chemical systems	1966
19660074784	Optical beam scanning cell investigations Final report, 19 Feb. 1965 - 19 Feb. 1966	1966
19660074785	Operation of TFSO Quarterly report no. 3, 1 Nov. 1965 - 31 Jan. 1966	1966
19660074786	On the dynamics of a satellite stabilized by wires	1966
19660074788	Neutron and gamma dosimetry measurements at Walter Reed Army Institute of Research Final report, Jan. 1965 - Apr. 1966	1966
19660074790	Hardening requirements and neutron effects studies. Volume II - A comparison of Monte Carlo calculations and threshold foil measurements of 14-MeV neutron attenuation in borated polyethylene	1966
19660074793	Seismic data laboratory Quarterly technical summary report no. 3, Oct. - Dec. 1965	1966
19660074794	Titanium and titanium alloys - Review of recent developments	1966
19660074796	Wind tunnel static force tests of the C-5A AIRCRAFT at Mach numbers from 0.60 to 0.85	1966
19660074797	Wave propagation in heterogeneous porous solids	1966
19660074800	Research on control of forced vibration in machine tool metal cutting systems Interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660074803	Physical chemistry of tetrakis/dimethylamino/ethylene. III - Chemiluminescence quantum yield at 30 deg C	1966
19660074806	Optimum multiplexing techniques Second quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660074807	Fixed-frequency topside sounder ionospheric Explorer XX /S-48/ post-launch satellite monitoring Final report	1966
19660074808	Hydrostatic gas bearing experiment	1966
19660074814	A concise representation of certain types of signal processing in communications satellites	1966
19660074818	The bismuth telluride-bismuth selenide system	1966
19660074825	Fluid timer for ordnance applications Final report /Phase II/	1966
19660074826	Response of cylindrical shells encompassed with isolation material to a plane pressure pulse	1966
19660074835	High density, high temperature binders for solid propellants /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660074836	Propulsion Development Department review, January - March 1966. Part 1 - Propulsion techniques, systems, and analysis /U/	1966
19660074837	Research in high-energy propellant ingredients, 1 January - 31 March 1966 /U/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074839	A study of chemical agent protective substances and concepts for percutaneous protection /U/ Final report, Jul. 1, 1963 - Aug. 15, 1965	1966
19660074852	Investigation of a ballute behind the Martin SV-5D vehicle at Mach numbers from 0.6 to 2.6 /U/	1966
19660074854	Flight test evaluation report for flight test missile 462 /U/	1966
19660074868	Investigation of the thermodynamic properties and the decomposition kinetics of propellant ingredients /U/ Quarterly technical report no. 1, 1 Jan. - 31 Mar. 1966	1966
19660074870	600 pound toxic test motor program /U/ Final report, 1 Jul. 1964 - 10 Sep. 1965	1966
19660074871	Development and test of high energy solid propellants /U/ Third quarterly report	1966
19660074873	Investigation of combustion and performance efficiencies of Beane-containing bipropellant systems /U/ Quarterly report, Dec. 1965 - Feb. 1966	1966
19660074874	Characterization and evaluation of light metal hydrides /U/ Quarterly report no. 1, 15 Oct. 1965 - 31 Jan. 1966	1966
19660074875	Cold launch gas generator /U/ Final report, Oct. 1965 - Jan. 1966	1966
19660074878	Feasibility demonstration of a single chamber controllable solid rocket motor /U/ Third quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660074879	A method for predicting spallation from targets perforated by shaped charge jets /U/	1966
19660074880	Maneuvering satellite propulsion system optimization study. Volume I - Summary /U/ Sixth month study, 8 Mar. - 4 Sep. 1965	1966
19660074882	Investigation of cyano compounds as flame agents /U/ Quarterly progress report, Oct. - Dec. 1965	1966
19660074883	Study of airborne millimeter radar techniques /U/ Second quarterly report, 1 Jul. - 30 Sep. 1965	1966
19660074884	USAF bio-chemical defense development concepts /U/	1966
19660074885	Kinetics of decomposition of solid oxidizers /U/ Quarterly technical report no. 1, 29 Dec. 1965 - 1 Apr. 1966	1966
19660074886	Investigation of liquid-metal hydrides /U/ Final report, Feb. 1965 - Jan. 1966	1966
19660074910	Techniques for evaluating operator loading in man-machine systems. Development of a method for real time assessment of operator overloading	1966
19660074911	Very high speed transient recorder	1966
19660074915	Photogrammetry applied to arctic glacier surveys Final report	1966
19660074916	Ignition of solid rocket propellant surfaces Final report, 1 Dec. 1964 - 1 Dec. 1965	1966
19660074917	Studies on shaft vibration Final report, 30 Jun. 1964 - 30 Jun. 1965	1966
19660074927	The effect of adsorbed sulphur on the surface self-diffusion of copper	1966
19660074935	Research toward electrofluidized aerosols and chemically triggered electrofluidization Final comprehensive report, Aug. 1964 - Aug. 1965	1966
19660074936	Spectrum filtering by means of numerical transform theorem	1966
19660074940	A high pressure blast recording gauge feasibility study	1966
19660074941	Research on the resonant gate transistor First interim technical report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660074945	High performance aircraft defense techniques. Volume II - A theoretical and experimental investigation of laser illuminated imaging Final technical report, Jul. 1964 - Oct. 1965	1966
19660074947	Auroral input-output measurements, November 1965	1966
19660074948	Long-wavelength laser detector techniques Quarterly progress report no. 3, 15 Nov. 1965 - 15 Feb. 1966	1966
19660074952	Research on optical instrumentation suitable for incorporation in an orbiting astronomical observatory Interim progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660074955	Laboratory research on airglow excitation mechanisms using atomic beam techniques Semiannual status report no. 2	1966
19660074956	Phase 5 and 5A prototype spacecraft thermal- vacuum testing	1966
19660074959	Large booster nozzle reuse study Monthly progress report no. 5, 23 Jan. - 1 Mar. 1966	1966
19660074962	Lasers in the UK. Part IV - Some government laboratories. A collection of miscellany	1966
19660074963	Ground data support for geological test sites Semiannual progress report, 1 Jan. - 10 Jun. 1966	1966
19660074964	Satellite meteorology studies Status report, 1 Feb. - 30 Apr. 1966	1966
19660074969	Disintegration of raindrops by shockwaves ahead of conical bodies	1966
19660074970	The development of a smooth bore gun for the projection of bird carcasses	1966
19660074973	Theory of ignition of solid propellants	1966
19660074974	Aerodynamic gas spike for re-entry vehicle communications studies Interim technical report, period ending 31 Dec. 1965	1966
19660074977	Spatial coding for diversity with arrays on infrared detectors	1966
19660074979	Investigation for 2000 deg F power wire Quarterly report, 28 Dec. 1965 - 21 Mar. 1966	1966
19660074980	An analytical and experimental evaluation of the damping capacity of sandwich beams with viscoelastic cores	1966
19660074982	Unsteady, diffusing, reacting, tubular flow with application to the flow in a glow discharge tube, 1 July - 1 December 1965	1966
19660074984	Low density ablation materials survey	1966
19660074986	Computer program for determining steady-state space radiator thermal performance Final report, Aug. - Nov. 1965	1966
19660074989	Titan III 7.5 percent scale model wind- induced oscillation wind tunnel test, phase II Final data analysis and applications report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660074990	Titan III 7.5 percent scale wind-induced oscillations test, phase II FINAL report	1966
19660074991	Parametric and preliminary design studies of high-speed and low-speed cruise fan propulsion systems Final report, Jun. 1964 - Apr. 1965	1966
19660074993	Development and evaluation of transistor, field effect, insulated gate, 400-megahertz amplifier Quarterly report no. 2, 15 Sep. - 15 Dec. 1965	1966
19660074994	Amplitude dependent internal friction of sodium chloride Interim technical report no. 1	1966
19660074995	Gridded amplifier tubes for pulsed C-band frequencies Quarterly progress report no. 1, 15 Sep. - 14 Dec. 1965	1966
19660074997	Measurement of dielectric parameters of high- loss materials in distributed circuits	1966
19660074998	Single cone aerial pick-up canopies, comparative wind tunnel tests Final report, 1 Jun. - 1 Aug. 1965	1966
19660074999	Materials and fabricating techniques for Army solid propellant rocket motor cases	1966
19660075000	Zinc electrode investigation Quarterly technical progress report no. 7, 1 Jan. - 1 Apr. 1966	1966
19660075001	AFWL-ATAC joint shielding program - Investigation of analytical methods, solution sensitivity, and structural scattering in neutron transport Technical report, 1 Oct. 1964 - 30 Sep. 1965	1966
19660075002	Electrode passivation studies First quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075003	Sferic waveform attenuation study on the attenuation of sferics over short-to-medium path lengths	1966
19660075004	Encapsulation of corrosion inhibiting two component curable sealant Final technical documentary report, Feb. 1965 - Feb. 1966	1966
19660075005	A study of electronically tunable microwave /X-band/ generators Quarterly report	1966
19660075006	Thermionic converter life and repeatability investigation Quarterly progress report no. 8, 1 Jan. - 31 Mar. 1966	1966
19660075021	Development of manufacturing methods for an extremely long life tunable ICEM magnetron Interim engineering progress report, 1 Jul. 1965 - 1 Jan. 1966	1966
19660075022	Theoretical photodetachment cross section for the negative atomic oxygen ion	1966
19660075023	Experimental determination of stresses and displacements in thick-wall cylinders of complicated shape Interim report	1966
19660075025	Use of a small analogue computer in the investigation of the kinetic behaviour of the D.F.R.	1966
19660075026	Oak Ridge National Laboratory status and progress report, May 1966	1966
19660075029	Research and development of unified antenna radome /radant/ techniques Final technical report, 1 Feb. 1965 - 15 Jan. 1966	1966
19660075033	Survey of Saturn/Apollo checkout automation, spring, 1965 - Summary	1966
19660075037	Modifications to improve CSN-1A turbine- compressor set Final design report	1966
19660075039	Estimates of the detection capability of four Vela-Uniform seismological observatories	1966
19660075041	The development of broadband digital phase shifting networks using semiconductor switches Final report, 5 Nov. 1964- 5 May 1965	1966
19660075043	C-133, seminar group I, phase II stability and control reevaluation of the C-133B	1966
19660075044	Low frequency whistler mode	1966
19660075047	Apollo checkout system study Final report, 1 Jan. 1963 - 31 Mar. 1966	1966
19660075049	An investigation of the influence of cyclic prestressing on fatigue of metals Second progress report	1966
19660075050	Recording and processing of multifrequency radar data Quarterly progress report, 1 Sep. - 30 Nov. 1965	1966
19660075052	Detailed plan and status report of United States Geological Survey research in remote sensing under the Natural Resources Space Applications Program	1966
19660075056	Investigation of a process for the production of metallic filaments Fourth quarterly progress letter report, 9 Jan. - 8 Apr. 1966	1966
19660075057	Programmed instruction in Norway, Sweden, and Denmark	1966
19660075059	Research studies to improve the spectral response and efficiency of photoemitters Interim technical report, 29 Oct. 1965 - 28 Jan. 1966	1966
19660075060	Effect of solar-wind bombardment on thermal control surfaces	1966
19660075061	Control factors for Saturn SA-203 vehicle	1966
19660075062	STAFF/BIT program Progress report, Dec. 1965	1966
19660075065	Investigation of the use of transistor structures for producing inductance Interim engineering report, 5 Oct. 1965 - 5 Feb. 1966	1966
19660075067	Cargo handling equipment for CH-46A and CH-53A helicopters Interim report	1966
19660075068	Ablating wall annular flash lamp Final report, Mar. - Dec. 1965	1966
19660075074	Evaluation of leak detector LP-400 Final report	1966
19660075075	The effect of speed and altitude on ground target acquisition and identification Final report, 5 Apr. - 10 Dec. 1965	1966
19660075076	Advanced antenna design test program Final report, 15 Mar. 1964 - 15 Dec. 1965	1966
19660075078	A controllable contrast PC-EL image intensifying panel Annual report, Aug. - Dec. 1965	1966
19660075079	Preliminary investigation into welding by friction	1966
19660075087	Preliminary electron conductivity probe results at CARDE	1966
19660075090	Investigation of the structural stability of welds in columbium alloys Final report, 1 Jul. 1964 - 30 Jun. 1965	1966
19660075091	Ultrasonic wave velocity-temperature studies in several plastics, plastic foams and nose- cone materials Technical report, Apr. 1964 - Jun. 1965	1966
19660075092	Quantum multipliers and mixers Third quarterly report, 1 Nov. 1965 - 31 Jan. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075093	Development of refractory extrusion liners Interim engineering progress report, 15 Jan. - 15 Apr. 1966	1966
19660075094	Line intensity instrument Semiannual report, Sep. 1965 - Jan. 1966	1966
19660075096	Advanced solid state telemetry transmitter techniques	1966
19660075099	Tropical service life of electronic parts and materials Second quarterly report, 1 Sep. - 31 Dec. 1965	1966
19660075100	To design and evaluate foods for extended aerospace missions Quarterly informal progress report no. 2, 11 Jan. - 11 Apr. 1966	1966
19660075101	Small space telescope for cooperative use by geologists and astronomers Progress report, 1 Dec. 1965 - 1 Mar. 1966	1966
19660075102	Experiments with plasma produced by neutral injection into a magnetic mirror/well geometry	1966
19660075103	A digital control and data processing system for rocket experiments	1966
19660075104	A remotely operated drilling machine for micro-sampling	1966
19660075105	Ferrite decoupled crowbar sparkgap	1966
19660075106	A method of solving sets of non-linear algebraic equations Progress report no. 2	1966
19660075107	Measurements of stress and strain on cylindrical test specimens of rock and concrete under impact loading	1966
19660075108	Photon transfer microelectronic device applications Quarterly progress report no. 1, 1 Jun. - 31 Aug. 1965	1966
19660075109	Behavior of nozzle materials under extreme rocket motor environments Final technical report, 1 Jun. 1965 - 31 Mar. 1966	1966
19660075110	Investigation and optimization of high strength alloys for cryogenic stretch-forming Quarterly report no. 5, 1 Jan. - 30 Mar. 1966	1966
19660075111	Investigation in the fabrication of silicon carbide, 500 deg C rectifier Final report, 1 Jan. - 31 Dec. 1965	1966
19660075112	Research in conventional and unconventional fuels Annual summary report, 1 Jan. - 31 Dec. 1965	1966
19660075113	Evaluation of electron beam welds in thick materials Final report, Sep. 1964 - Oct. 1965	1966
19660075114	Study of high-power electrostatically focused klystrons Quarterly progress report no. 7, 1 Jan. - 30 Jun. 1965	1966
19660075115	High temperature extrusion lubricants Interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660075116	The analytical determination of the thermal response of a typical aircraft structure subjected to transient external heating and cooling Final report, 1 Jul. 1964 - 30 Jun. 1965	1966
19660075117	Anodized metal tubulation for high heat removal in the argon ion laser Final report, May - Dec. 1965	1966
19660075118	Evaluation of lenticular spiral array Final report, Sep. 1964 - Dec. 1965	1966
19660075120	Meteorological rocket network firings. Volume XLVII - July 1965 firings	1966
19660075128	RADARC. Radially distributed annular combustor for packaged liquid rocket engine /U/ Final report, 17 May 1965 - 16 Jan. 1966	1966
19660075131	Ballistic scale-up of NF propellants. I - 80-lbm motor demonstration firing /U/	1966
19660075145	Experimental investigation of injector design considerations for liquid injection thrust vector control /U/	1966
19660075155	Stellar Acquisition Feasibility Flights /STAFF/ /U/ Flight test summary report	1966
19660075167	Gamma irradiation of S2N930 transistors	1966
19660075168	Appendices for annual report, 1 Dec. 1964 - 30 Nov. 1965	1966
19660075169	Liquid propellant thermal conditioning system First quarterly progress report, 26 Jan. - 30 Apr. 1966	1966
19660075170	Water electrolysis rocket Final report	1966
19660075171	Checkout and launch systems engineering study for Apollo Applications Program /AAP/. VOLUME IV - Planning procedure Final report	1966
19660075172	Checkout and launch systems engineering study for Apollo Applications Program /AAP/. VOLUME II - Study baselines Final report	1966
19660075173	Project Apollo space suit and associated life support systems Final material evaluation report, 17 Oct. 1962 - 15 Oct. 1963	1966
19660075174	Checkout and launch systems engineering study for Apollo Applications Program /AAP/. VOLUME V - Charts and diagrams Final report	1966
19660075175	Checkout and launch systems engineering study for Apollo Applications Program /AAP/. VOLUME I - Executive summary Final report	1966
19660075176	Captive Seal Corporation pressure switches, part number 65M243-11 Test report	1966
19660075180	Apollo/Saturn configuration management checklist for preparation of materiel inspection and receiving reports	1966
19660075181	Apollo/Saturn V checkout plan /AS-500F/	1966
19660075182	Apollo/Saturn IB ground systems evaluation report, AS-201	1966
19660075183	Phenomenon of the movable single and multiple hot spot on the cathode of an electric arc	1966
19660075185	Some problems near an electrode	1966
19660075186	Thirst hyperthermia and physical work	1966
19660075188	Feasibility study on use of crimp terminals as junctions in place of soldered or welded junctions for thermocouple wires, phase I Final report	1966
19660075193	The effect of transport properties on supersonic expansion around a corner	1966
19660075197	Wind and temperature in the atmosphere between 30 and 80 km Final report, 15 Jun. 1960 - 14 Feb. 1966	1966
19660075198	General principles of electromechanical transducers	1966
19660075200	Canadian ionospheric data, St. John's, January 1966	1966
19660075201	Application of thermodynamics to irreversible phenomena with internal degrees of freedom	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075206	Theory of the cathode drop in arcs	1966
19660075207	Oxidation-corrosion characteristics of aircraft turbine engine lubricants Technical report, 1 Feb. - 1 Sep. 1965	1966
19660075208	Hypervelocity impact and stress propagation Interim report, 1 Jan. - 31 Aug. 1965	1966
19660075209	Research on the preparation and chemical and optical sensitization of vacuum evaporated silver bromide film Final report, Apr. 1964 - Jan. 1966	1966
19660075210	Study and investigation of millimeter and submillimeter wave receiver techniques Quarterly report no. 1, 1 Aug. - 31 Oct. 1965	1966
19660075214	Lightweight optical materials	1966
19660075215	The development of an insulated thermionic converter-heat pipe assembly Fourth quarterly technical report, 15 Dec. 1965 - 15 Mar. 1966	1966
19660075216	Refractory metal coatings by the fused salt process Interim engineering report, 1 Jan. - 31 Mar. 1966	1966
19660075217	Group decision making and communication patterns under conditions of stress and overload, when the participants are allowed to function as a self-organising system Final technical report, 1 Jan. - 31 Dec. 1965	1966
19660075218	Study of directivity optimization for linear antennas	1966
19660075220	Development of a manufacturing process and associated equipment to improve internal core forming in solid propellant rocket motors Interim engineering progress report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660075221	Investigation of a testing technique for determining the dynamic buckling characteristics of hypersonic model	1966
19660075222	Structural and synthesis study of inorganic oxidizers Quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660075223	Space communications Quarterly technical summary, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075224	Development of manufacturing methods for production of a wide dynamic range television pickup tube Interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075226	Electrostatic probe for electron density measurements on reentry vehicles	1966
19660075227	Transtage propulsion system pilot monitoring and control simulation Final report, Apr. 1965 - Mar. 1966	1966
19660075229	Experimental program to determine the thermodynamic properties of solutions of liquefied light gases Quarterly progress report no. 1, 1 Jan. - 15 Apr. 1966	1966
19660075230	Development of surface measurement system Interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660075231	Transient response of a rapidly pressurized nonlinear viscoelastic cylinder bonded to a thin elastic shell	1966
19660075232	3.2 millimeter wave oscillator Quarterly report no. 2, 1 Oct. - 31 Dec. 1965	1966
19660075234	Large-angle deflection technique for laser display Quarterly report no. 3, 19 Nov. 1965 - 19 Feb. 1966	1966
19660075235	Broadband X-band klystron Quarterly report no. 1, 2 Jul. - 2 Oct. 1965	1966
19660075236	Modified atmosphere effects on air blast and ground motion Final report	1966
19660075238	Radio set AN/PRC-66 and radio set AN/PRC-75 /XN-1/ Interim report, 1 Apr. 1964 - 31 Oct. 1965	1966
19660075239	Research of discrete energy levels in systems of atoms Final report, Feb. - Dec. 1965	1966
19660075240	Combustion stability rating techniques Quarterly progress report no. 3, 1 Jan. - 31 Mar. 1966	1966
19660075241	Infrared to visible conversion in crystals Quarterly progress report no. 2, 1 Nov. 1965 - 31 Jan. 1966	1966
19660075243	Optimized coherent optical receiver technique II Final report	1966
19660075244	New switching concepts Quarterly progress report no. 6, 1 Sep. - 30 Nov. 1965	1966
19660075245	A model for radar echoes from a random collection of rotating dipole scatterers	1966
19660075246	Finite state attitude control Interim technical report	1966
19660075247	Powertron Ultrasonics Corporation liquid level detector, manufacturer's part number UCP 1025S-5 Test report	1966
19660075250	Design test data, mechanical and electromechanical components	1966
19660075251	Results of sound pressure level measurements during AS-201 launch. Part II - Octave time histories and spectral distribution diagrams	1966
19660075252	SA-202 launch vehicle measuring systems and associated checkout GSE description	1966
19660075253	Saturn I Block II launch acoustical environmental summary	1966
19660075256	Victor Equipment Company pressure regulator, manufacturer's part number LR19BS4B4B3 Test report	1966
19660075257	General Precision, Inc. vertical sensing elements, manufacturer's part number C701809000 test report	1966
19660075258	Metals and Controls, Inc. roller-plunger, adjustable-angle limit switch, NASA part numbers B75M02971-1 rev. K and B75M02971-2 REV. K, vendor part numbers 21608-1 and 21608-2 Test report	1966
19660075259	Study of nonparametric techniques for estimating reliability and other life quality parameters, 23 February - 23 May 1966	1966
19660075261	Checkout and launch systems - Engineering study for Apollo Applications Program /AAP/, Volume III - Requirements analysis Final report	1966
19660075262	An experimental analysis of the microneuroanatomy of the central nervous system Semiannual progress report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660075264	Futurecraft Manufacturing Company manual valve, manufacturer's part number 30663, back-up for NASA part number B75M50304 /rev. G./ Test report	1966
19660075265	Time, shadows, terrain, and photointerpretation Technical letter NASA-22	1966
19660075266	Thermodynamics of alkali metals, part I	1966
19660075268	New high temperature additive systems for PR- 143 fluids Progress report, 1 Oct. 1964 - 31 Jan. 1965	1966
19660075269	Research and development Stage 1 Minuteman Program progress report, 1 Jan. - 31 Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075273	Gimbless inertial navigation systems Semiannual progress report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660075274	Thermodynamic investigation of charge transfer compounds Final report, 1 Jan. 1963 - 31 Dec. 1965	1966
19660075275	Steam heat receiver experimental evaluation Final report, Jul. 1964 - Dec. 1965	1966
19660075276	Simulated radioisotope thrust system and component development Quarterly progress report no. 1, 20 Nov. 1965 - 31 Jan. 1966	1966
19660075277	Remote multispectral sensing in agriculture First quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660075278	Theoretical and experimental investigations of super-conductivity Semiannual status report, 1 Oct. 1965 - 1 Apr. 1966	1966
19660075279	Chemistry of solid propellant combustion semiannual status report, 15 Oct. 1965 - 15 Apr. 1966	1966
19660075281	Investigation of infrared radiation for checkout purposes Final technical report, 21 Jan. - 21 Dec. 1965	1966
19660075282	Laboratory studies on the excitation and collisional deactivation of metastable atoms and molecules in the aurora and day airglow	1966
19660075283	Microwave electronically variable time delay device study Final report, Dec. 1964 - Dec. 1965	1966
19660075284	Camera tube with internal image-motion compensation Twelfth quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660075285	Manufacturing in-process control and measuring techniques for integral electronics, /Uniformity, photoresist composition and removal, oxide structure and removal, resistivity and spiking/ Interim engineering progress report no. 7, 1 Aug. - 31 Oct. 1965	1966
19660075286	Evaluation of large Ti-6Al-4V and IMI 679 forgings Final report, 1 Apr. 1965 - 28 Feb. 1966	1966
19660075291	Reliability prediction for a deep submergence rescue vehicle, second reliability model	1966
19660075294	Experimental analysis of hybrid rocket fuels for MHD pulse power generation Second interim technical report, 2 Mar. 1965 - 2 Mar. 1966	1966
19660075300	A parallel-channel shipboard direction finding system	1966
19660075303	Theoretical and experimental studies of the dynamics of reacting and charged particles in solid propellant rocket motor nozzles Semiannual status report, period ending 31 May 1966	1966
19660075304	Efficacy of alkali-superoxide beds for bacteria removal from air Quarterly status report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075306	Evaluation of the RVDP clutter density outline Final report	1966
19660075307	Javelin XA 778, Calibration of the A. and A.E.E. pressure error datum aircraft	1966
19660075308	Engineering model of X-ray optical systems for the Advanced Orbiting Solar Observatory, phase I Final report, 30 Jun. 1964 - 31 Jan. 1966	1966
19660075309	Some techniques for the synthesis of nonlinear systems Technical report 441	1966
19660075310	Renal scan - The test of choice in renal trauma	1966
19660075311	A study of polymers containing silicon- nitrogen bonds Annual summary report no. 50, 4 Apr. 1964 - 3 May 1965	1966
19660075313	Theoretical and experimental studies of radiation absorptance and emittance characteristics and their control for potential space vehicle surface materials Monthly progress report no. 33	1966
19660075314	Critical decisions in the initiation of development projects	1966
19660075315	European cooperation in the field of space research and aerospace engineering	1966
19660075316	Study of superconductors by means of monochromatic phonons Quarterly report no. 3, 15 Dec. 1965 - 15 Mar. 1966	1966
19660075319	Vanadium alloy studies Quarterly report no. 4, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075320	Half millimeter "backward wave oscillator" Technical progress report no. 3, 1 Oct. - 31 Dec. 1965	1966
19660075322	Worst case analysis for the specialized mass spectrometer, book 1	1966
19660075323	Amorphous semiconductors Quarterly report no. 6, 3 Nov. 1965 - 2 Feb. 1966	1966
19660075324	Development of high strength, low density composite materials for Saturn applications Final report, 1 Feb. 1965 - 30 Apr. 1966	1966
19660075325	Design criteria for typical Mars landing capsules requiring sterilization Quarterly progress report no. 1, 30 Dec. 1965 - 31 Mar. 1966	1966
19660075327	Energy levels and transition matrix elements of Fe ³ plus in TiO ₂ /rutile/ Technical report no. 89	1966
19660075329	Millimeter radome electrical design techniques Semiannual engineering report no. 2, 1 Oct. 1965 - 31 Mar. 1966	1966
19660075330	Apollo Extension Systems-Lunar Excursion Module, payload integration addendum to phase B final report. Volume V/B/ - Engineering studies/vehicle design integration	1966
19660075331	Scattering of test-particles by waves in plasmas containing suprathreshold particle populations	1966
19660075335	Properties of the rare earth metals and compounds Final report, Mar. - Dec. 1965	1966
19660075340	Spectroscopy and solid state quantum electronics at optical and infrared wavelengths Semiannual status report no. 7, 1 Oct. 1965 - 31 Mar. 1966	1966
19660075343	Thermodynamic properties of rocket exhaust products Quarterly report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660075345	Transient analysis in a fracturing magnesium plate Interim technical report	1966
19660075346	The hydrothermal growth of large ruby crystals Interim engineering progress report, 15 Oct. 1965 - 15 Jan. 1966	1966
19660075391	6-Inch Ultraviolet Camera for Apollo Final Technical Report - Supplement	1966
19660075393	Projects and publications of the applied mathematics division Semiannual report, Jul. - Dec. 1965	1966
19660075394	Pneumatics - New field of automation	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075395	Polar observations of solar cosmic ray events during the IQSY	1966
19660075397	A study of critical sterilization problems on a Mars atmospheric entry probe, volume I	1966
19660075398	A study of critical sterilization problems on a Mars atmospheric entry probe, volume II	1966
19660075399	High voltage breakdown problems in scientific satellites	1966
19660075401	Microminiature high level multicoder Final report	1966
19660075402	Optical analysis of the lunar ejecta from a lunar base, phase 1. Feasibility study and preliminary instrument design Final report	1966
19660075404	Metalloradar type RV	1966
19660075407	Manufacturing technology for the extrusion of superalloy structural shapes Third interim engineering progress report, 15 Dec. 1965 - 15 Mar. 1966	1966
19660075409	Investigation of the effects of air injection upon the hypersonic laminar boundary layer	1966
19660075411	Elastoplastic evaluation for rectangular aluminum plates and stiffened steel plates Final report	1966
19660075414	Synthesis of new fire resistant hydraulic fluids Bimonthly status report no. 5, 25 Nov. 1965 - 25 Jan. 1966	1966
19660075415	Theory, design, and realization of defect-tolerant systems Technical summary report, 1 Jan. - 31 Dec. 1965	1966
19660075419	Hydrokeel test bed Final report	1966
19660075420	Exploratory development of high resolution television camera tubes Interim engineering report, 11 Sep. 1965 - 10 Jan. 1966	1966
19660075421	A high power X-band diode phase shifter First and second quarterly report, 15 Sep. 1965 - 15 Mar. 1966	1966
19660075422	Intrinsic infrared detector development Quarterly technical progress report, 1 Jan. - 31 Mar. 1966	1966
19660075424	CW mathematical operations research - Wind velocity and eddy diffusivity of momentum profiles as applied to the diffusion equation	1966
19660075425	Airdrop impact capability of the Redeye missile in models 2 and 3 tripack containers	1966
19660075431	General surveillance of Rocket Motors Mark 23 Mod 0 /2.2-KS-11,000 JATO/ /U/	1966
19660075435	High current density, short life cathodes for linear-beam tubes /U/ Quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660075436	Beryllium erosion corrosion investigation for solid rocket nozzles /U/ Technical progress report no. 2, 1 Oct. 1965 - 15 Mar. 1966	1966
19660075437	High energy propellant ingredient research /U/ Technical report, 1 Mar. 1965 - 28 Feb. 1966	1966
19660075438	Semiannual technical documentary report, October 16, 1965 - April 15, 1966 /U/	1966
19660075440	Hybrid flight demonstration program /U/ Quarterly technical summary report no. 1, 17 Jan. - 29 Apr. 1966	1966
19660075441	Investigation and compilation of the thermodynamic properties of rocket exhaust products /U/ Quarterly technical report no. 1, 1 Jan. - 31 Mar. 1966	1966
19660075445	Improvement of sensitivity of LMH-1 PROPELLANTS /U/ Quarterly technical report, 3 Jan. - 3 Apr. 1966	1966
19660075446	Synthesis of new fluorine compounds /U/ Quarterly technical summary, 1 Jan. - 31 Mar. 1966	1966
19660075448	Improved Titan predevelopment. Heat transfer and thermal-barrier investigations /U/ Final report, Jul. 1963 - Jul. 1965	1966
19660075449	Wind tunnel tests on configurations of an air-breathing manned flight-test vehicle at Mach numbers from 1.5 to 10 /U/	1966
19660075450	High energy solid propellant combustion efficiency investigation /U/ Second technical quarterly progress report	1966
19660075451	Quarterly progress report no. 4, 1 October - 31 December 1965 /U/	1966
19660075454	High energy propellant ingredient research and development /U/ Quarterly technical report no. 1, 1 Jan. - 31 Mar. 1966	1966
19660075458	Component propulsion program for future high-performance strategic aircraft. Volume I - Summary /U/ Semiannual report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660075459	Homing optical guidance system development program /U/ Final technical report	1966
19660075460	Synthesis of new compounds /U/	1966
19660075461	Ozone feasibility study First quarterly technical report, 1 Dec. 1965 - 14 Mar. 1966	1966
19660075464	Advanced rocket engine - Storable /U/ Third quarterly technical report, Jan. - Mar. 1966	1966
19660075467	Thin film image converter Ninth interim technical progress report, 24 Aug. 1965 - 23 Feb. 1966	1966
19660075469	Control Organization Methods and Techniques Study /COMATS/ Quarterly progress report, period ending 31 Dec. 1965	1966
19660075470	Compact arc near infrared radiation sources Quarterly technical progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075471	Chemical vapor deposited materials for electron tubes Third quarterly report, 15 Nov. 1965 - 14 Feb. 1966	1966
19660075472	Modification of HF receiving equipments for long range detection	1966
19660075473	Psycholinguistics and verbal learning	1966
19660075474	Gaseous ion laser research Interim engineering report, 1 Jan. - 31 Mar. 1966	1966
19660075475	On the spectral behavior of the cesium uranyl nitrate crystal	1966
19660075476	Utilization of Habrobracon and Artemia as Experimental Materials in Bioastronautic Studies Status Report, Jan. - Jun. 1966	1966
19660075477	Determination of minimum concentrations of environmental water capable of supporting life Semiannual report, Nov. 1965 - 30 Apr. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075478	An investigation of skeletal response to immobilization Semiannual status report, 1 Jan. - 1 Jul. 1966	1966
19660075479	Genetic studies of hydrogen bacteria and their applications to biological life support systems Status report no. 2, 16 Jul. 1965 - 30 Apr. 1966	1966
19660075485	The application of nondimensional methods to the planning of helicopter performance flight trials and the analysis of results	1966
19660075488	Transonic Aerodynamic Characteristics of a Variable-wing-sweep Tactical Fighter Model, Phase 4 /U/	1966
19660075489	Preparation of hypergolic liquid propellant combinations /U/ Third quarterly progress report, 15 Dec. 1965 - 15 Mar. 1966	1966
19660075496	Advanced thrust chamber assembly program /U/ Fourth quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075499	Development, design, fabrication, and demonstration of packageable high-expansion- ratio nozzles for solid propellant rocket motors /U/ Final program report, 1 Jun. 1964 - 15 Apr. 1966	1966
19660075501	Development of hypersolid ignition system /U/ Quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660075502	Research on high energy oxidizers for advanced solid rocket propellants /U/ Quarterly progress report, Jan. 1 - Mar. 31, 1966	1966
19660075507	A study of the surface barrier silicon detector Quarterly progress report, Jan. - 30 Mar. 1966	1966
19660075508	Analytical and Experimental Research in Space Physics Including Balloon and Rocket Flight Experiments Status Report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660075509	Experimental Studies of Handwriting Signals	1966
19660075511	Design study for a component and system test installation for radioisotope devices Design study report	1966
19660075514	Continuous scanning meteorological camera system for ATS Second quarterly report, 22 Dec. 1965 - 22 Mar. 1966	1966
19660075515	A millimeter wavelength interferometer spectrometer Final report	1966
19660075517	Automatic Dynamic Disturbance Servo Evaluator Summary report	1966
19660075518	Large-area electronic display panel Second quarterly progress report, 1 Sep. - 30 Nov. 1965	1966
19660075519	Plasma diagnostics study Quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660075521	Zero-field solutions and their stability in the one-dimensional, low-pressure cesium diode Semiannual status report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660075522	The Denison Engineering Division, American Brake Shoe Company relief valve, manufacturer's part no. R1V-12-515, NASA PART no. 75M06660-1 Test report	1966
19660075524	Word-recognition computer program	1966
19660075525	New missions for OGO Final report	1966
19660075526	Geophysical Measurements Branch Analysis Section activities	1966
19660075527	10-inch LOX vent and relief valve Quarterly progress report, Jan. - Mar. 1966	1966
19660075528	New developments in high-strength stainless steel	1966
19660075530	Arcs with and without focal spots	1966
19660075531	Contributions to the application of similarity methods to a liquid-fuel rocket engine	1966
19660075532	Design study of a nuclear power plant /TRIKT- 50/ for space flights	1966
19660075533	Methods for the measurement of very high electric resistances and of low capacitances	1966
19660075534	Mobility of electrons in potassium and cesium vapour	1966
19660075535	On the measurement of very high electrical resistance with the aid of ionization chambers used as sources of current	1966
19660075536	Recent data on the vapor pressures of the metals and of some refractory metalloids, part II	1966
19660075537	On the use of ionization chambers as generators of electric current	1966
19660075538	Pulse compression tubes Second quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660075539	Pre-cracked Charpy impact fracture toughness properties of backup flux-welded Ti-5Al-2.5 Sn alloy plate from minus 320 deg to 550 deg F Final report, Feb. - Jun. 1964	1966
19660075540	Ku-band triode and cavity combination CW OSCILLATOR Seventh quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660075541	Elastohydrodynamic lubrication and failure of rolling and sliding contacts Final summary report	1966
19660075542	Research in high temperature plasma Semiannual technical report, 1 Jul. - 31 Dec. 1965	1966
19660075543	Notes on certain military aviation medical activities in Europe, part II	1966
19660075544	Demonstration of a submerged cooled nozzle Second quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660075545	Nucleation and growth phenomena in evaporated and sputtered film Final technical report, 15 Feb. 1965 - 15 Jan. 1966	1966
19660075546	The pressure field in compressible boundary layer theory - a critical reexamination and treatment	1966
19660075549	Meteorological rocket network firings Data report, volume XLVIII, Aug. 1965 firings	1966
19660075550	Development of a titanium alloy foil and sheet rolling process Fourth interim engineering progress report, 1 Feb. - 30 Apr. 1966	1966
19660075551	Design techniques for structurally supported radomes. Volume II - Dielectric panels Summary technical documentary report, 1 Feb. 1965 - 1 Jan. 1966	1966
19660075552	Final report of the Refractory Metals Sheet Rolling Panel, June 1959 - December 1965	1966
19660075554	Airborne experimental program for beyond-the- horizon microwave communications	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075555	AFWL-ATAC joint shielding program - Angular distribution of fast-neutron and nonelastically produced secondary-gamma-ray dose rates from 14.6-MeV neutrons incident normal to slabs Final report, 1 Oct. 1964 - 30 Sep. 1965	1966
19660075556	CW plasma arc pumped laser Interim technical report no. 2, 1 Feb. - 30 Apr. 1966	1966
19660075557	Management Systems Research Project	1966
19660075558	Lake Surveying Techniques in the Geological Survey Progress Report	1966
19660075559	Geologic evaluation - Radar imagery of Twin Buttes area, Arizona test site 15	1966
19660075560	Stored Energy of Cold Work Changes Induced by Cyclic Deformation	1966
19660075561	Self-consistent Study of Trapped Radiation in the Geomagnetic Field Semiannual Progress Report	1966
19660075563	Development of High Strength, Low Density Composite Materials for Saturn Applications, Volume I Final Report, 1 Oct. 1963 - 31 Dec. 1964	1966
19660075564	Diode phase shifter module Final engineering report, 9 Apr. 1965 - 31 Mar. 1966	1966
19660075565	Effect of thermal conditioning and strain on the microstructure and mechanical properties of polycrystalline ceramics Quarterly progress report, 15 Dec. 1965 - 15 Mar. 1966	1966
19660075567	Optical pumps for lasers Final report, 1 Jul. 1964 - 25 Feb. 1966	1966
19660075568	Preliminary AC-10 Atlas-Centaur flight evaluation /launched 5-30-66/	1966
19660075570	Inverse resistance-power effect in quartz crystal units	1966
19660075571	Two-stream instability	1966
19660075572	Thermal conductivity of carbon dioxide at one atmosphere	1966
19660075573	Thermally stimulated currents in sputtered tantalum oxide films Final technical documentary report, 12 Oct. 1964 - 12 Jan. 1966	1966
19660075574	Small diameter, thin walled columbium alloy tubing program Interim progress report, 15 Jan. - 15 Apr. 1966	1966
19660075575	Symposium on Drugs and Sensory Functions London, 23-24 March 1966	1966
19660075576	Some characteristics of an optimum directivity broadside array of half-wave dipoles above a ground-plane	1966
19660075577	A study of the environmental, physical and practical factors limiting UHF telemetry systems operation	1966
19660075578	Sun-pumped laser Final report, May 1964 - Oct. 1965	1966
19660075579	Some inorganic chemistry in France	1966
19660075581	Study of voltages induced with a 1300-curie cobalt-60 irradiator and a 3-mw nuclear reactor Technical report, 1 Oct. 1964 - 30 Sep. 1965	1966
19660075582	Solid state broadband optical detector Third quarterly report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660075583	A study of open seat aircraft emergency escape systems Technical report, Jan. 1964 - Oct. 1965	1966
19660075584	Unusual reconnaissance concepts. Volume III - A bibliography of recent contributions on electromagnetic and acoustic scattering Interim report, 25 Mar. 1963 - 1 May 1965	1966
19660075585	Unusual reconnaissance concepts. Volume II - Sources of experimental errors in spectrophotometric measurements Interim report, 25 Mar. 1963 - 1 May 1965	1966
19660075591	Design and development of an electromagnetic window for air lift reentry vehicles Final report, 29 Mar. 1963 - 28 Feb. 1966	1966
19660075592	Development of thermal shock in partially transparent bars subjected to intense radiative energy fluxes	1966
19660075593	Development of manufacturing methods for field effect devices Third quarterly report, Dec. - Feb. 1966	1966
19660075594	Development of joining techniques for TD NICKEL-CHROMIUM Interim progress report, Jan. 1 - Apr. 1, 1966	1966
19660075595	Design, development, and fabrication of an ultrahigh-resolution cathode-ray tube Third quarterly report, 5 Jul. - 5 Oct. 1965	1966
19660075597	High-current-density cathode-ray tube electron source Sixth quarterly progress report, 1 Sep. - 30 Nov. 1965	1966
19660075600	The inertia of loudness buildup	1966
19660075601	Cyclotron resonance pumping of gas lasers Interim report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075602	Cell equalization techniques Final report, Feb. 1965 - Feb. 1966	1966
19660075603	Analysis of liquid rocket engine combustion instability Special report, Jan. 1 - Dec. 30, 1965	1966
19660075604	International Cooperative Research Program on Tool Wear /Results on carbide tool wear, surface finish, built-up-edge, and finish machining/ Interim report no. 3	1966
19660075606	Electronic control of laser beams Final report, 27 Nov. 1965 - 27 Jan. 1966	1966
19660075607	Photoconductor-semiconductor emitters Quarterly report, 1 Jan. - 1 Apr. 1966	1966
19660075608	Properties of thin films of evaporated sapphire Final report, Apr. 1963 - Feb. 1966	1966
19660075609	High permeance gun study Final report, 1 Jun. 1961 - 31 May 1965	1966
19660075610	Computing resolver with microelectronics Final report	1966
19660075611	Apparatus for low-endurance fatigue studies at elevated temperature for use in an Instron testing machine	1966
19660075613	Design, development, and fabrication of an ultrahigh-resolution cathode-ray tube Fourth quarterly report, 5 Oct. 1965 - 5 Jan. 1966	1966
19660075614	High temperature polymers from 1,3-dipolar addition reactions Quarterly progress report no. 5, 1 Feb. - 30 Apr. 1966	1966
19660075615	Harmonic functions with prescribed boundary behavior in Riemannian spaces Technical report no. 40	1966
19660075616	High average power laser amplifier chain techniques	1966
19660075617	Internal combustion engines in Japan	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075619	Interference-free dc current reception with the oscillation detector	1966
19660075620	Line-strength calculations for the 0 yields 1, 0 yields 2, 0 yields 3, and 1 yields 2 vibration-rotation bands of hydrogen fluoride	1966
19660075622	Radiation polymerization studies at low temperatures Final report, Jan. 2, 1964 - Jan. 3, 1966	1966
19660075623	Radiation of flames with strongly scattering particles	1966
19660075624	Relative motion simulation study Final report, Feb. - Dec. 1965	1966
19660075625	The Department of Physiology, University of Goeteborg, Sweden	1966
19660075626	Radio telemetry of pressure and heat-transfer data from wind tunnel models in free flight	1966
19660075627	Pseudopassive satellite technique study Final report, 19 Jul. 1964 - 19 Dec. 1965	1966
19660075628	Phase characteristics of varactor doublers	1966
19660075629	Use of large polyethylene containers for the transportation of liquids	1966
19660075630	Research on Gunn effect devices Interim technical report no. 2, 11 Nov. 1965 - 31 Jan. 1966	1966
19660075631	Airborne phased array antenna signal processing techniques Interim engineering report no. 3	1966
19660075632	Study of airborne millimeter radar techniques Third quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660075633	Squeeze film directional gyro feasibility study Semiannual report no. 1, 30 Jun. - 31 Dec. 1965	1966
19660075635	Static and dynamic oxidation of ZrC	1966
19660075636	The spatial and spectral characteristics of the radar cross section of satellite-type targets	1966
19660075638	Development of a gallium arsenide metal oxide semiconductor transistor Interim technical report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075639	Description of program for theoretical solution of the initial nuclear-radiation transport problem	1966
19660075640	Development of an integrated and mechanized high energy forming machine Interim engineering progress report, 1 Jan. - 30 Apr. 1966	1966
19660075641	Test report, Southwestern Industries, Inc., modified pressure switch manufacturer's part number PS-3800-D625	1966
19660075642	Novel microwave filter design techniques Third quarterly progress report no. 3, 1 Oct. - 31 Dec. 1965	1966
19660075643	An assessment of capability and a review of developments in -HF /L-and S-band/ telemetry equipment and systems	1966
19660075644	Coded array look angle indicator trajectory recording system	1966
19660075645	AGARD lecture series on bionics	1966
19660075646	Approximate thermodynamic functions for the NO minus /g/, OH minus /g/, and OH plus /g/ ions	1966
19660075647	Summary of the Eleventh Meeting of the Refractory Composites Working Group	1966
19660075648	Electrospark extruding Interim progress report no. 8, 1 Jan. - 30 Apr. 1966	1966
19660075649	Development of low temperature gas generator technology Quarterly report, Jan. 3 - Mar. 31 1966	1966
19660075650	Development of phototape manufacturing methods Interim engineering report, 1 Nov. 1965 - 31 Mar. 1966	1966
19660075651	Development of manufacturing methods for production of dual axis rate transducers ~ interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660075652	Further studies in the application of the point matching technique to plate bending and other harmonic and biharmonic boundary value problems Technical report, Dec. 1963 - Feb. 1964	1966
19660075653	Fatigue strength evaluation of titanium materials for the supersonic transport under flight-by-flight loading spectra Final report, Mar. 1, 1965 - Feb. 28, 1966	1966
19660075654	Preliminary studies on elasto-hydrodynamic lubrication considering a viscoelastic lubricant	1966
19660075662	Feasibility study of time scale selector for adapter synthesizer Final report, Oct. - Feb. 1965	1966
19660075663	Speech Transmission Laboratory Quarterly progress report, Oct. - Dec. 1965	1966
19660075691	ASSET. Volume X - Post flight structural and materials evaluation /U/ Final report, Apr. 1961 - Dec. 1964	1966
19660075692	Noble gas compounds /U/ Final report, Oct. 1964 - Oct. 1965	1966
19660075697	The investigation and demonstration of a unique method of command thrust modulation /U/ Final technical report, 1 Jul. 1965 - 31 Mar. 1966	1966
19660075699	Performance characteristics of a cryogenic tripropellant system /U/ Quarterly progress report no. 4, 1-28 Feb. 1966	1966
19660075706	Optical contrast correlation seeker /U/ Phase II final report	1966
19660075709	Fractographic examination of a hydrogen pressure vessel failure	1966
19660075710	Canadian ionospheric data, Churchill, Manitoba, January 1966	1966
19660075711	The effects of an inert atmosphere on the bonding of metals	1966
19660075713	Design, development and fabrication of baroswitch, AW - Remote, XM-10, BAROSWITCH, AW - Preset, XM-11, and control, baroswitch setting, XT-4126A Final report	1966
19660075714	Evaluation of Rayclad shrink type plastic solder sleeves First report /final/, 31 Jul. 1964 - 30 Jun. 1965	1966
19660075715	Development of flexible epoxy resins and coatings Quarterly report no. 4, 11 Dec. 1965 - 10 Mar. 1966	1966
19660075717	Microwave oscillations in bulk semiconductors Second quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660075719	A mobile thermal radiation measurements facility	1966
19660075720	Manufacturing methods for high temperature coating of large columbium parts Fifth interim progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075721	A model drop technique for free-flight measurements in hypersonic wind tunnels using telemetry	1966
19660075723	Miniature crystal units for single-sideband operations Final report, 1 Jun. 1964 - 30 Sep. 1965	1966
19660075724	February /1966/ meeting of the Physiological Society	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075725	Magnetic induction gyroscope research and development Quarterly technical report no. 8, 15 Dec. 1965 - 15 Mar. 1966	1966
19660075726	A contribution to the design of single-stage radial centripetal turbines	1966
19660075747	SNAP 50/SPUR nuclear mechanical power unit program Quarterly technical progress report, 1 Jan. - 1 Apr. 1966	1966
19660075748	Program of Policy Studies in Science and Technology Fourth Semiannual Report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660075749	Infrared and Ultraviolet Studies of Terrestrial Materials Yellowstone National Park, Test Site No. 11 Quarterly Report	1966
19660075750	Multidisciplinary Research in Space Sciences and Technology Progress Report, 1 Jun. 1965 - 31 May 1966	1966
19660075751	Mice in Long Duration Zero-g Tenth Quarterly Progress Report, 1 Apr. - 30 Jun. 1966	1966
19660075752	Radio-Observations of the Ionosphere	1966
19660075753	The Development and Application of Mass Spectrometers to Studies of the Earth's Upper Atmosphere and Planetary Atmospheres Status Report, 1 Jan. - 30 Jun. 1966	1966
19660075754	Investigation of the Neutral Constituents of the Atmosphere in the 100-200 km Altitude Range Status Report, 1 Apr. - 30 Jun. 1966	1966
19660075755	An Investigation of Plasma Kinetics with Emphasis on the Interaction Between Rarefied Plasma and Moving Bodies Semiannual Status Report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660075756	Characteristics of Magnetoplasmas Semiannual Status Report No. 13, 1 Nov. 1965 - 30 Apr. 1966	1966
19660075758	An Experimental and Theoretical Investigation of Turbulence Instabilities at Plasma- Magnetic Field Interfaces Semiannual Report	1966
19660075761	Studies of photosynthetic halophiles from Owens Lake Quarterly progress report no. 2	1966
19660075762	Apollo deluge purge system NASA test report no. 10915	1966
19660075763	Analytical Investigations of Laminar Separations Using the "Crocco-Lees Mixing Parameter" Method Semiannual Status Report, 1 Dec. 1965 - 1 Jun. 1966	1966
19660075773	Preloaded fluid-film bearings for gyroscopes	1966
19660075776	Canadian ionospheric data. Ottawa. January 1966	1966
19660075777	An experimental study of turbulent forced convection heat transfer to gases in axial flow rod cluster passages	1966
19660075778	Stage I limit and ultimate test series Final report	1966
19660075782	The characterization and penetration of metal oxide films Semiannual progress report, 1 Sep. 1965 - 28 Feb. 1966	1966
19660075783	Material processing and phenomena investigations for functional electronic blocks Interim technical report no. 3, 15 Dec. 1965 - 15 Mar. 1966	1966
19660075784	A study for the utilization of the Apollo block II computer for a ninety /90/-day earth polar orbit, Apollo extension system mission Final report	1966
19660075785	Production tool for diffusion bonding Interim engineering progress report, 1 Feb. - 30 Apr. 1966	1966
19660075786	A study of solid state devices and phenomena. the Gunn effect - New applications and materials Interim technical report no. 2, 1 Dec. 1965 - 28 Feb. 1966	1966
19660075787	Friction and wear at elevated temperatures, Part VII Technical documentary report, Jan. 1965 - Jan. 1966	1966
19660075788	Feasibility Study of Piezotransistor Accelerometer Bi-monthly Status Report No. 4, Apr. 30 - Jun. 30, 1966	1966
19660075789	Acoustical characteristics of the Air Research model GTP331-30 gas turbine engine and development of high-temperature vibration- damping coatings for noise control Final report	1966
19660075791	Compatibility problems with materials of construction in launch vehicles Final report	1966
19660075792	Compact HF aircraft antennas /2-30 Mc/ Semiannual report, 21 Jul. 1965 - 21 Feb. 1966	1966
19660075793	Comprehensive climatology of cooling power as measured with the Davos frigorimeter. Part III - Special features of the diurnal variation of cooling power Final scientific report, 1 Apr. 1963 - 30 Sep. 1964	1966
19660075795	Crystallization of ammonium perchlorate with a conical spray dryer	1966
19660075796	The chlorine photosensitized oxidation of hydrocarbons at low temperatures Final technical report, Jan. 1 - Dec. 31, 1965	1966
19660075797	Calculation of the current distribution on a thin linear antenna	1966
19660075798	Advanced phase-shift amplifier study Quarterly report no. 6, 16 Sep.- 15 Dec. 1965	1966
19660075799	Advanced ferrimagnetic materials applied to digital phase shifters Final report, 25 Jun. 1964 - 25 Dec. 1965	1966
19660075800	Investigation of bimetallic liquid metal systems Progress report, 1 Feb. - 31 May 1966	1966
19660075802	Operational investigation of aerodynamic- positioned secondary exhaust nozzle for a turbojet engine in an altitude test cell	1966
19660075804	Protection for airmen against high thermal environments	1966
19660075805	Research and exploratory development events which contributed to improvement of Minuteman II over Minuteman I	1966
19660075806	Quantitative fatigue crack propagation analysis by means of electron fractography	1966
19660075807	Transactions of the Eleventh Conference of Army Mathematicians	1966
19660075808	On the zeros of solutions of linear differential equations of the second order	1966
19660075809	Exponential solutions of linear systems of differential equations whose coefficient matrix is skew symmetric	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075810	The reduction of stress intensity at a crack tip due to a riveted stringer	1966
19660075811	Three-dimensional force transfer between parallel microfibers, rigid or elastic	1966
19660075812	Quadratic forms as Liapunov functions for linear differential equations with real constant coefficients	1966
19660075813	Asymptotic analysis of the axisymmetric vibrations of shells	1966
19660075814	Tensor analysis with tensor bases	1966
19660075815	Spinor metric and Nonriemannian manifold	1966
19660075816	Some problems in dynamic viscoelasticity	1966
19660075817	Green's function calculation for particle- conserving boson systems	1966
19660075818	Almost periodic functions on topological groups and topological semigroups	1966
19660075819	Symbolic derivatives without list processing, subroutines, or recursion	1966
19660075820	Complementary variational principles for nonlinear networks	1966
19660075821	Differential equations with unknown parameters	1966
19660075822	The mathematics of the Doppler effect	1966
19660075823	On the large axisymmetric deformation of thin shells of revolution	1966
19660075824	The numerical analysis of transient thermal stresses in gun tubes	1966
19660075825	Graphs and matrices	1966
19660075842	Continuous-wave side-looking airborne radar study /U/ Fifth quarterly progress report, 1 Aug. - 31 Oct. 1965	1966
19660075843	Multisensor target recognition study /U/ Final report, 1 Jan. - 31 Dec. 1965	1966
19660075847	YAG crystals Quarterly report no. 2, 1 Sep. - 30 Nov. 1965	1966
19660075849	Imaging p-n junction photocathode Interim technical report, Feb. - Apr. 1966	1966
19660075850	Ion implantation junction techniques Final report, Nov. 1964 - Jan. 1965	1966
19660075851	The impact of thin disks into semi-infinite aluminum targets	1966
19660075852	Improved graphite materials for high- temperature aerospace use. Volume III - Further research and development for improved graphite materials Technical report, 1 Apr. 1965 - 31 May 1966	1966
19660075853	Thermodynamic data for helium-3 refrigeration systems Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660075854	Investigation of various textile parachutes and control systems to achieve steerability, phases III and IV	1966
19660075855	Development of a typical Mars landing capsule sterilization container Quarterly technical progress report no. 3, 1 Jan. - 1 Apr. 1966	1966
19660075857	Beryllium box beam development program Final report	1966
19660075858	Measurement Techniques for the Directional Spectral Intensity of Low Energy Protons, Including the Construction of a Prototype Instrument Semiannual Report, 1 Jan. - 30 Jan. 1966	1966
19660075860	Stabilization of beta-propiolactone Quarterly technical report, 15 Dec. 1965 - 15 Mar. 1966	1966
19660075863	Transient voltage decoupling elements	1966
19660075866	Analysis of 500-kilocycle sferics observations in relation to radar observations	1966
19660075869	Oak Ridge National Laboratory status and progress report, June 1966	1966
19660075871	Analysis of V-G-H records from an aircraft engaged on aerial survey operations over mountainous terrain	1966
19660075872	Series "S" ion exchange membrane fuel cell test program, October 1, 1965 - March 6, 1965	1966
19660075874	Synergistic and accelerated testing effects on space thermal-control materials	1966
19660075875	Terminal Radiation Program, TRAP, volume I Semiannual report, 1 Jul. - 31 Dec. 1965	1966
19660075876	Category II Climatic Laboratory and arctic evaluation of the C-141A aircraft Final report, Jun. - Jul. 1965	1966
19660075877	Applied research in thin-film field-emission tubes First quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660075878	Wave and diagnostic studies of plasmas Final report, Jan. 11, 1965 - Jan. 15, 1966	1966
19660075879	Viscoplastic flow of a thin circular plate	1966
19660075880	Johnston and Jennings Company, Division of Pettibone Mullikew Corporation, six inch pressure/vacuum relief valve, manufacturer's part number SX-2025, NASA PART number 75M05867-FRV-4 Test report	1966
19660075883	A shock tube study of attenuation of air flow through chokes	1966
19660075885	Development of ultrasonic NDT inspection techniques for large solid-propellant rocket motors Quarterly progress report, 1 Nov. 1965 - 30 Jan. 1966	1966
19660075886	Cardiovascular Adaptation During Long-term Weightlessness Semiannual Progress Report, Oct. 31, 1965 - May 1, 1966	1966
19660075888	Cooling of compressed air for gas turbines	1966
19660075889	Gas turbine BMW 6012 and its possible employment	1966
19660075890	Development of PPM-focused low-noise traveling-wave tubes for Ku-,K-, and Ka-band Interim development report, 1 Jul. - 30 Sep. 1965	1966
19660075891	Gyro azimuth surveying instrument /lightweight/ Interim report	1966
19660075892	Deformation and fracture in composite materials Final report, 17 Dec. 1964 - 17 Dec. 1965	1966
19660075893	ASSET. Volume XIV - Heat flux calculation procedures Final report, Apr. 1961 - Jun. 1965	1966
19660075895	Development and evaluation of the TC-13 MOD 1 steam catapult Periodic report no. 1, 30 Jan. 1964 - 19 Oct. 1965	1966
19660075896	Data processing for improved antenna resolution Second quarterly report, 30 Aug. - 26 Nov. 1965	1966
19660075897	Hypervelocity impact experiment Technical report, Sep. 1964 - Sep. 1965	1966
19660075898	Radial distribution of plasma formed in simple mirror machines by field ionization of fast neutral atoms	1966
19660075900	Force tests on a separable-nose crew escape capsule with cold flow rocket jet simulation at Mach numbers 1.5 through 6	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075901	Facility for Research in Electromagnetic Effects /FREME/ Technical brief	1966
19660075903	Deposit and degradation characteristics of aircraft turbine engine lubricants Phase report no. 3, Feb. 1 - Nov. 1, 1965	1966
19660075904	Studies of electromagnetic compatibility of equipment and systems Progress report no. 21, 1 Nov. 1965 - 31 Jan. 1966	1966
19660075906	Some thoughts on simple gas turbine processes without heat exchanger	1966
19660075907	Low temperature polymerization Progress report, 3 Jan. - 31 Mar. 1966	1966
19660075909	Theoretical analysis of performance and properties of high energy hydrocarbon booster fuels Monthly letter report, Dec. 1965 - Jan. 1966	1966
19660075911	Studies of photosynthetic halophiles from Owens Lake Quarterly progress report no. 3	1966
19660075913	Overpressures on hypersonic bodies due to shock-on-shock interaction	1966
19660075914	Advanced techniques for integrated circuit distributed arrays Interim report no. 1, 1 Nov. 1965 - 1 Mar. 1966	1966
19660075915	Novel image-dissector camera tube for surveillance application investigation Quarterly report no. 6, 1 Oct. - 31 Dec. 1965	1966
19660075917	Lubricity properties of high-temperature jet fuels Quarterly progress report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660075918	Liquid rocket system conjugate structure and tankage program Quarterly progress report no. 3, 1 Jan. - 31 Mar. 1966	1966
19660075919	A learning procedure for the generation of value functions based upon incomplete binary comparisons	1966
19660075920	Laminar mixing with arbitrary initial species profile shapes	1966
19660075921	Line reversal measurements of hypersonic wake temperatures	1966
19660075922	Lithium-anode limited cycle battery investigation Annual report, Feb. - Dec. 1965	1966
19660075923	Shock analysis of structural networks Interim report, Mar. 1965 - Feb. 1966	1966
19660075924	The development of efficient hull forms for hydrofoil boats	1966
19660075925	Study of dispersion-strengthened alloys produced by SLIS techniques Quarterly letter report, Oct. - Dec. 1965	1966
19660075927	Infrared target and groundspeed simulator study Final technical report, 15 Mar. - 31 Dec. 1965	1966
19660075928	Infrared spectroscopic study of hydrogen- fluorine flames. I - Experimental data	1966
19660075932	The RCAF Observer, Volume 12, Number One, 1966	1966
19660075933	Preliminary research on laminating polyurethane systems of exceptional thermal stability with attendant good mechanical properties Progress report	1966
19660075935	Mar-M sealant /formerly designated Sierra-Sel/ treated 7075-T6 aluminum alloy, part III	1966
19660075937	Observations on the use of supra-aural muffs in audiometry	1966
19660075938	Oceanographic effects on plastic engineering materials	1966
19660075940	Plasma diagnostics study Quarterly report no. 5, 1 Oct. - 31 Dec. 1965	1966
19660075941	Experimental Investigation of the Effects of Low Pressures on Cellular Ultrastructure and Cytochemistry in Plants Semiannual Progress Report, 1 Oct. 1965 - 1 Apr. 1966	1966
19660075942	Feasibility of simulating thermal environments for meaningful evaluation of ablating materials Quarterly progress report no. 12, 1 Feb. - 30 Apr. 1966	1966
19660075944	A note on the scattering from very thin wires of some length	1966
19660075946	The Newton-Raphson technique with switch functions	1966
19660075947	Failure criteria for viscoelastic materials Semiannual status report, 1 Jan. - 30 Jun. 1966	1966
19660075948	All-evaporated and maskless fabrication techniques for active devices Final report, 28 May 1964 - 28 Feb. 1966	1966
19660075950	Falling mass hazard neutralization	1966
19660075952	Evaluation of the maser-equipped radar set AN/MPS-34 and area precipitation measurement indicator Third quarterly progress report no. 3, 1 Oct. - 31 Dec. 1965	1966
19660075953	Evaluation of dynamic controlled magnetic environment system	1966
19660075954	Electromagnetic scattering from material- covered metallic spheres Interim report, 1 Jul. - 31 Dec. 1965	1966
19660075955	Evaluation of the guaranteed performance of the Pratt and Whitney aircraft J60-P-3A turbo jet engine Final report	1966
19660075956	The effect of predesignation information upon target and checkpoint recognition performance	1966
19660075961	Some crew space measurements in Army aircraft	1966
19660075964	Development model specification. Simulator, infrared target and groundspeed	1966
19660075965	Evaluation of Flip/Chip integrated circuit interconnections Interim development report, 14 Oct. 1965 - 14 Jan. 1966	1966
19660075966	The development of thermally stable air dry coatings Final report, 9 Apr. 1965 - 8 Apr. 1966	1966
19660075967	Adhesive bonding of epoxy glass composites for use in pressure vessels	1966
19660075969	Evaluation of electrostatic properties of thermoplastic materials	1966
19660075970	Electrodeless glow discharge reactions of hydrocarbons and nitric oxide	1966
19660075971	Evaluation of "Tuffy" air lock container for free fall delivery of whole blood	1966
19660075976	Development of epitaxial technology for microelectronics and large area device applications Final technical documentary report, 15 May 1963 - 15 Mar. 1966	1966
19660075979	Analytical solution for optimum coast trajectories	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660075981	Applicability of inertialess scanning techniques to the design of surveillance radar antennas Quarterly report, 1 Aug. - 31 Oct. 1965	1966
19660075983	Large-scale integrated circuit arrays Interim technical report, Jan. 1 - Mar. 31, 1966	1966
19660075986	Research aircraft, XV-5A Interim report	1966
19660075988	Space Programs Quarterly Report, Jan. - Mar. 1966	1966
19660075989	A study of the geographical distribution of geomagnetic micropulsations Third semiannual report	1966
19660075991	Polarimetric measurements of simulated lunar surfaces, phase II	1966
19660075993	Apollo/Saturn IB ground safety plan	1966
19660075998	Radiation-coupled chemical nonequilibrium normal shock waves	1966
19660075999	High-purity metals	1966
19660076003	Alleghany Ballistics Laboratory testing facilities, first revision	1966
19660076005	On the problem of the necessity for the existence of quasi-persistent wind extreme layers	1966
19660076007	Large aperture seismic array surficial information, eastern Montana	1966
19660076010	Photographic instrument synthesizer Technical report, Jul. 1964 - Mar. 1965	1966
19660076011	SNAPOODLE demonstration analytical phase Interim technical report, 15 Jul. 1965 - 28 Feb. 1966	1966
19660076012	The development of damage indexes to structures due to liquid propellant explosions. Phase 1 - Feasibility study Final report	1966
19660076013	SPARTA program Second quarterly technical report, 1 Jan. - 31 Mar. 1966	1966
19660076015	Some notes on the history of aerial reconnaissance, part I	1966
19660076016	Study of noise reduction techniques for varactor harmonic generator type microwave sources Second quarterly engineering report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660076018	Search for A B equals 2, S equals -1 resonance Technical report, Jun. 1964 - Apr. 1966	1966
19660076019	Results of qualification tests on M-329, type I, adhesive film, a type II, class I, adhesive under MIL-A-25463/ASG/ submitted by Whittaker Corporation, Narmco Materials Division	1966
19660076020	June climate of Southeast Asia	1966
19660076021	Pulse wave velocity flight monitoring system. Volume I - Summary and history of program Final report	1966
19660076022	The final value optimal stochastic control problem with bounded controller	1966
19660076024	Design, development and fabrication of underwater panoramic camera /70MM/ Final technical report	1966
19660076025	Bibliography of biological and/or biomedical effects of laser radiation	1966
19660076026	Research and development of high resolution television tubes Interim technical report, 15 Dec. 1965 - 15 Mar. 1966	1966
19660076027	Blood flow studies in man in shock Final technical report, 1 Jan. - 31 Dec. 1965	1966
19660076030	PIGA gas spin bearing process controls Final report	1966
19660076034	Frequency azimuth video receiver First quarterly report no. 1, 1 Oct. - 31 Dec. 1965	1966
19660076035	Reflectance of rocks and minerals to visible and ultraviolet radiation	1966
19660076036	Possible application of remote sensing techniques and satellite communications for earthquake studies	1966
19660076037	Ultraviolet Absorption and Luminescence Investigations of Natural Materials Status Report, 1 Mar. - 30 Jun. 1966	1966
19660076038	An Experimental Investigation of the Mechanisms of Learning Integration and Behavior in Planaria Status Report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660076039	The effect of ultraviolet radiation on the intensity of luminescence	1966
19660076040	Recording and Processing of Multifrequency Radar Data Quarterly Progress Report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660076041	A nonlinear filter for high frequency cut-off	1966
19660076042	Research Program on Radio Astronomy and Plasma for AAP Lunar Surface Missions, Research and Technology Implications - Volume III Final Report, 17 Jun. 1965 - 31 May 1966	1966
19660076044	Reaction rate collision frequency and ambient ionosphere models for use in studies of radio propagation in a nuclear environment	1966
19660076045	High power broadband multi-throw diode switches Quarterly report, 31 Oct. 1965 - 1 Jan. 1966	1966
19660076046	Pulse wave velocity flight monitoring system. Volume II - Operation and maintenance instructions Final report	1966
19660076048	Streptomycin inhibition of elaboration of staphylococcal enterotoxin protein Technical manuscript 285	1966
19660076049	Test of shelters, accordion-type, small Final report	1966
19660076051	X-band interferometer array study Final report	1966
19660076052	Advanced analytical program for charring ablaters Interim report	1966
19660076053	Static aerodynamic characteristics of the aborted Apollo-Saturn V vehicle	1966
19660076054	Control factors for Apollo-Saturn 204 vehicle	1966
19660076055	Radio frequency attenuating materials	1966
19660076057	Corrosion protective and wear resistant coatings on steel for use from 500-1500 deg F	1966
19660076058	Measurement of personality dimensions. Part I - Psychological measurement	1966
19660076059	Determination of modal characteristics for large complex structures Final report	1966
19660076061	A Study of the Search, Recovery and Analysis of Space Fragments Semiannual Report No. 5, 1 Dec. 1965 - 31 May 1966	1966
19660076062	Study of improved Saturn launch facilities. Volume I - SAT IB/MM, MLV SAT IB-14, AND MLV SAT IB-15	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076063	Study of Improved Saturn Launch Facilities. Volume II - MLV SAT IB-7, MLV SAT IB-11(s), MLV SAT IB-12(s), and MLV SAT IB-13(s)	1966
19660076064	Study of improved Saturn launch facilities. Volume III - MLV SAT IB-5	1966
19660076065	Study of improved Saturn launch facilities. Volume IV - MLV SAT V-1A and MLV SAT V-3	1966
19660076066	Study of improved Saturn launch facilities. Volume V - MLV SAT V-4/s/-A	1966
19660076067	Study of improved Saturn launch facilities. Volume VI - Executive summary	1966
19660076070	Hermitian and Anti-Hermitian Properties of Green's Functions Final Report, 1 Jun. 1965 - 31 May 1966	1966
19660076071	Research program on radio astronomy and plasma for AAP lunar surface missions. Volume I - Summary Final report, 17 Jun. 1965 - 31 May 1966	1966
19660076072	Composition, Energy Spectrum, and Intensity of the Primary Cosmic Radiation as a Function of Time Semiannual Status Report No. 10, 1 Nov. 1965 - 30 Apr. 1966	1966
19660076073	Investigation of the Electromagnetic Properties of Materials for Applications to Lasers, Masers, and Other Solid-State Devices Semiannual Status Report, 1 Dec. 1965 - 31 May 1966	1966
19660076074	Conduct Analytical, Theoretical and Experimental Studies of Geomagnetically Trapped Particles Progress Report, 1 Apr. - 30 Jun. 1966	1966
19660076075	Social Structure and Group Behavior in Extended Duration Space Missions Progress Report No. 2	1966
19660076076	Aeroballistics research, 1965 summer project	1966
19660076077	Analysis of acoustical stresses and equipments in aviation weapons systems /RH-3A HELICOPTER/ Seventh interim report	1966
19660076078	Axisymmetric viscous wake analysis for a hypersonic reentry body	1966
19660076079	Apollo Telescope Mount /ATM/ solar flare detection system	1966
19660076080	Coding for deep space telemetry	1966
19660076081	Aerial survey of the contaminated ocean surface at Operation Wigwam, with dose rate contour lines through D plus 4 days	1966
19660076082	Analysis of integrally-stiffened skin structures	1966
19660076085	Interplanetary conic program	1966
19660076086	Investigation of catalytic reactions for CO2 reduction. Part IV - Experimental analysis of catalyst-reactor configuration combinations Interim report, Nov. 1964 - Aug. 1965	1966
19660076087	Interpreting the structure of oblique ionograms Technical report no. 114	1966
19660076088	Adhesion of insignia marking materials and recoating of specification MIL-C-22750A EPOXY polyamide coating	1966
19660076090	Stochastic Models for Multi-valued, Multi- Dimensional Relations Fifth Semiannual Status Report, Dec. 1, 1965 - Jun. 15, 1966	1966
19660076091	Research of the Institute for Gas Turbines of the Aachen Institute of Technology	1966
19660076092	Development of non-destructive dynamic monitoring instrumentation for resin impregnated glass roving Quarterly progress report	1966
19660076093	GEOS optical beacon design review and failure mode analysis	1966
19660076095	Experimental and Analytical Studies of Plasma Transport Properties Second Semiannual Progress Report, Dec. 1, 1965 - May 31, 1966	1966
19660076096	Experimental Investigation of Automated Techniques for Studying Sequential Learning and Memory Semiannual Progress Report, 1 Feb. - 30 Jun. 1966	1966
19660076097	Development and evaluation of a self-locking device incorporated in MS 2192 flareless nuts	1966
19660076098	Ion phenomena Quarterly progress report, Dec. 1965 - Mar. 1966	1966
19660076100	Project TRUMP-HITAB rocketborne daytime ultraviolet background measurements	1966
19660076101	Pressure and heat-transfer measurements on a slotted leading edge in hypersonic flow Technical report, Jul. 22, 1965 - Mar. 3, 1966	1966
19660076103	Pressure radiated by a point-excited elastic plate	1966
19660076104	On the problem of a separating layer at a height of 20 km	1966
19660076105	Preparation of single crystal Mg2Sn0.7Pb0.3 Interim technical report, 18 Sep. 1965 - 18 Mar. 1966	1966
19660076106	On deflections of the vertical calculated by the Stokes-Vening Meinesz formula	1966
19660076107	Attenuation of shock waves in solids Final report, 18 Jan. 1965 - 2 Mar. 1966	1966
19660076108	Characteristic frequencies between 700. and 300. CM-1 for C2 to C5 dicarboxylic acids and related compounds Summary technical report, Jul. 1963 - Sep. 1965	1966
19660076109	Manufacturing process development for rolling cast slabs of columbium /Cb-752/ alloy	1966
19660076110	Multi-laser element techniques Final report, Jun. 1964 - Feb. 1966	1966
19660076111	Investigation of the separation and reattachment of flow downstream of two- dimensional, rearward-facing steps at Mach numbers 2.5, 3.5, and 5, December 13-28, 1965 and February 28 - March 4, 1966	1966
19660076112	Pressure distribution during parachute opening, Phase I. Infinite mass operating case Final report, Apr. 1963 - Sep. 1965	1966
19660076113	Stiffness analysis of elasto-plastic plates	1966
19660076114	Steady-state recombination via donor-acceptor pairs	1966
19660076116	Ozone measurements with rocket-borne ozonesondes	1966
19660076117	Two storage mechanisms in free recall	1966
19660076118	On the abundance of lithium in the T Tauri nebula	1966
19660076119	Thallium beam tube research Sixth quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076120	Techniques for measuring the quality of high temperature potassium vapor Fourth quarter progress report, Dec. 1965 - Apr. 1966	1966
19660076121	Simulated landing approaches of an unaugmented C-5A configuration Final report	1966
19660076122	Status of research on magnetohydrodynamic augmentation of a shock tunnel	1966
19660076123	Some accuracy considerations in passive location finding Technical report, Nov. 1964 - Oct. 1965	1966
19660076124	Strengthening mechanisms in wire products Summary report, 1 Jun. 1964 - 31 Mar. 1966	1966
19660076125	Diffusion of perchlorate solutions through elastomer membranes	1966
19660076127	Evolution of precision gyroscope ball bearings	1966
19660076128	Ferromagnetic, ferroelectric, and acoustic devices Quarterly report no. 3, 1 Dec. 1965 - 28 Feb. 1966	1966
19660076129	Loran-D/inertial navigation system integration Final engineering report	1966
19660076130	Flow nonuniformity in shock tubes operating at maximum test time	1966
19660076131	Fire and explosion hazard assessment and prevention techniques for aircraft Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660076132	An approximate equation of state of solids	1966
19660076133	Measurement and prediction of cognitive loadings in corrective maintenance tasks. I - A Bayesian approach	1966
19660076134	Doppler discrimination as a function of variations in dimensions of the sonar echo Final report	1966
19660076135	Studies of photoemitters Interim technical report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660076136	Status of research on a high performance shock tunnel	1966
19660076137	A study to develop design criteria for aerodynamically heated swept and delta wing structures, volume I Final summary report, May 1964 - Feb. 1965	1966
19660076138	Influence of heat treatment on microstructure and properties of columbium-base and chromium- base alloys Summary report, 1 Jun. 1964 - 30 Nov. 1965	1966
19660076139	Infrared spectra of selected aliphatic acid halides between 2000-250 cm ⁻¹ Summary technical report, Sep. 1964 - Jun. 1965	1966
19660076140	Investigation of independent structure /space/ crew escape concepts Final technical report, 1 Jun. 1964 - 1 Nov. 1965	1966
19660076141	Near equilibrium dissociating boundary layer flows by the method of matched asymptotic expansions	1966
19660076142	Nonlinear scattering of a laser beam from a plasma	1966
19660076143	300 milliwatt X-band triode oscillator Quarterly report no. 1, 1 Dec. 1965 - 28 Feb. 1966	1966
19660076144	Modulation phenomena in a time-varying transmission system Interim task report no. 15	1966
19660076145	Microwave transistors Quarterly report no. 2, 1 Sep. - 31 Nov. 1965	1966
19660076146	An experimental study on transition in boundary layers	1966
19660076147	Analytical investigation of electromagnetic interference measurements and measurement and prediction of radio frequency susceptibility of digital integrated circuits Final report, Jul. 1965 - Mar. 1966	1966
19660076148	Electron tube research Thirteenth quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660076149	Evaluation of a detector for free water in fuel Technical report, 1 Mar. 1965 - 1 Mar. 1966	1966
19660076152	Effects of external forces /transient and permanent/ Third quarterly report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660076153	Some reactions of oxygen atoms. Volume I - C2F4, C3F6, C2H2, C2H4, C3H6, 1-C4H8, C2H6, C-C3H6, and C3H8	1966
19660076154	Development of improved grinding processes Interim engineering progress report, 1 Feb. - 30 Apr. 1966	1966
19660076155	Design, development, and installation of prototype TIM	1966
19660076156	Research and development of cathodoluminescent phosphor with high-intensity ultraviolet emission Fifth quarterly progress report, 1 Sep. - 30 Nov. 1965	1966
19660076157	Constant oblique field electrostatic generator Quarterly report no. 2	1966
19660076158	Compact hydrogen-air multi-cell fuel cell stack Final technical report, 19 May 1965 - 19 Jan. 1966	1966
19660076159	Evaluation of proprietary photochromic systems and analysis of data relevant to the nuclear flash protection program Final report, 1 Nov. 1964 - 31 Jan. 1966	1966
19660076160	Evaluation of a commercially developed modified alumina ceramic structure for radome application Final report, 15 Jun. - 15 Dec. 1965	1966
19660076161	Electrostatic focusing of hollow spiraling electron beams Fourth quarterly report, 5 Oct. 1965 - 5 Jan. 1966	1966
19660076162	Energy storage substation concepts for aircraft actuation functions Final technical report, 1 Jul. 1965 - 1 Mar. 1966	1966
19660076163	The effects of a ribbed wall on the efficiency of a wide angle subsonic diffuser Technical report, Jan. 20 - May 21, 1965	1966
19660076164	Equipment requirements for a secure NRD DATA link	1966
19660076165	Microwave reflectometry in interior ballistics Technical report, Jan. 1962 - Jan. 1966	1966
19660076166	Hypervelocity impact crater measurement methods and accuracies Technical report, May 1, 1965 - Feb. 3, 1966	1966
19660076167	High power gas laser in the visible Final report, 1 Jul. 1964 - 31 Dec. 1965	1966
19660076168	The derivation of the deflections of the vertical from Stokes' formula II Technical report, 1 Oct. 1965 - 10 Jan. 1966	1966
19660076169	The derivation of the deflections of the vertical from Stokes' formula I Technical documentary report, 1 Oct. 1965 - 10 Jan. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076170	Directed projection of a body by the products of an explosion	1966
19660076171	The development of an insulated thermionic converter-heat pipe assembly Summary technical report, 15 Mar. 1965 - 15 Mar. 1966	1966
19660076172	Determination of reaction kinetics by differential thermal analysis	1966
19660076173	Nineteenth materials review Special publication, Jul. 1965 - Jan. 1966	1966
19660076174	An investigation of the effect of temperature on the Schumann-Runge absorption continuum of oxygen, 1580 to 1950 angstrom Research report, Jun. - Aug. 1965	1966
19660076175	Large segmented, fiberglass reinforced, plastic rocket motor cases Interim engineering progress report, 1 Feb. - 30 Apr. 1966	1966
19660076176	The MHD induction machine	1966
19660076177	Techniques for integrating solid-state circuitry into antennas Interim technical report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660076178	An integral treatment of combined body force and forced convection in laminar film condensation	1966
19660076179	An infrared skymapper system Final report, 24 Feb. - 23 Dec. 1965	1966
19660076180	Monte Carlo analysis of fast-neutron spectra in an infinite medium of paraffin wax Technical report, 1 Oct. 1964 - 30 Sep. 1965	1966
19660076181	Manufacturing methods for cryoelectric memories Final report, 1 Jul. 1965 - 28 Feb. 1966	1966
19660076182	Pulsed lithium-ion emission and conduction measurements with polycrystalline spodumene and eucryptite	1966
19660076183	Research and development of new and improved cutting tool materials Interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660076184	Diffusion bonding of titanium and beryllium Interim report, 1 Jan. - 31 Mar. 1966	1966
19660076185	The development of a fossil fuel fired heat pipe for use with thermionic energy converters Second quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660076201	11.65-inch rocket motor Mark 1 Mod O /ASROC/ type-life program /U/ Final report, Sep. 1961 - Dec. 1965	1966
19660076202	Current status and challenge of airbreathing propulsion for launch vehicle systems /U/	1966
19660076203	Demand-mode integral rocket-ramjet /U/ Final report, 29 Mar. 1965 - 31 Mar. 1966	1966
19660076205	Quarterly progress report, January 1 - March 31, 1966 /U/	1966
19660076207	Process development for internal roll extrusion of large rocket motor cases Final report, 1 Dec. 1962 - 15 Apr. 1966	1966
19660076209	Simulated thermal environments for missile materials evaluation	1966
19660076210	Space vehicle attitude control with a modified viscous Lanchester damper	1966
19660076211	Single sideband quartz crystal units for VHF APPLICATIONS /metal enclosures/ Third quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660076212	Development of manufacturing methods for deposition forming Interim progress report no. 9, 1 Feb. - 30 Apr. 1966	1966
19660076213	Interference reduction techniques for pulsed transmitters Second quarterly report, 15 Nov. 1965 - 29 Mar. 1966	1966
19660076214	Experiments for determining the effects of the atmosphere on long range oblique photography Final report, phase II, Jul. 1964 - Dec. 1965	1966
19660076215	The ematal process	1966
19660076216	Economical transfers between infinitely close orbits	1966
19660076217	An experimental study of the crystallography of the austenite bainite reaction Final report, Sep. 1961 - Aug. 1963	1966
19660076218	Exploratory development on coupling schemes for plasma amplifiers Interim technical report	1966
19660076219	The effect of blast wave incidence angle on hypersonic shock-on-shock interaction	1966
19660076220	AFWL-ATAC Joint Shielding Program - Elastic and nonelastic neutron scattering in niobium, vanadium, and carbon. Volume I - Analysis and development of methods for the prediction of nonelastic scattering cross sections Final report, 1 Oct. 1964 - 30 Sep. 1965	1966
19660076221	F-5A Category II drag data Final report, 3 Dec. 1963 - Feb. 1966	1966
19660076223	Silver-zinc missile power supply Quarterly technical progress report, 1 Jan. - 31 Mar. 1966	1966
19660076225	The effect of a static electric field on the oxydation of certain metals Final report, 1 Apr. 1963 - 1 Jun. 1965	1966
19660076227	Quarterly project progress report for October, November, December 1965 /U/	1966
19660076230	Development and evaluation of advanced solid propellants /U/ Final technical summary report, 1 Jan. - 29 Dec. 1965	1966
19660076235	Maneuvering satellite propulsion system optimization study. Volume II, book 1 - Mission analysis and current systems definition /U/ Technical report, 8 Mar. - 4 Sep. 1965	1966
19660076236	Maneuvering satellite propulsion system optimization study. Volume II, book 2 - Mission analysis and current systems definition /U/ Technical report, 8 Mar. - 4 Sep. 1965	1966
19660076237	Maneuvering satellite propulsion system optimization study. Volume III - Advanced systems definition /U/ Technical report, 8 Mar. - 4 Sep. 1965	1966
19660076242	Pulse Doppler seeker /U/ Quarterly progress report, 1 Aug. - 31 Oct. 1965	1966
19660076243	Soviet Cybernetics Technology - VI /U/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076245	Research and Exploratory Development for the Office of Aeronautical Research, National Aeronautics and Space Administration /U/ Quarterly Report, Jan. - Mar. 1966	1966
19660076246	A study at Mach 10 of the aerodynamic disturbances generated over a flat plate containing lateral jet nozzles	1966
19660076250	Technical feasibility study and preliminary design study, airmobile artillery, volume I /U/	1966
19660076251	Desensitization of available high-energy NF COMPOUNDS /U/ Quarterly report, Jan. - Mar. 1966	1966
19660076252	Fluorinated oxidizer thrust chamber materials evaluation program Phase I report /U/	1966
19660076253	Fundamental investigation of hypergolic ignition of solid propellants, volume II /U/ Final report, 1 Nov. 1963 - 31 Oct. 1965	1966
19660076256	Research in high-energy oxidizers /U/ Third quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660076258	DC-MAW exploratory development program. Volume I - System concepts and program plans /U/ Final report	1966
19660076260	Technical feasibility study and preliminary design study, airmobile artillery, volume II /U/	1966
19660076324	Bibliography of solid rocket component aging /U/ Special report, 3 Jan. - 1 Apr. 1966	1966
19660076325	Formulation and evaluation of liquid propellant dispersions /U/ Technical progress report no. 6, 1 Jan. - 31 Mar. 1966	1966
19660076326	Liquid throttle engine program /U/ Final report, 28 Jun. 1965 - 28 Feb. 1966	1966
19660076327	Development of an elastomeric seal for omniaxial movable nozzles /Lockseal/ /U/ Final report, 4 Jan. 1965 - 31 Mar. 1966	1966
19660076328	Investigation of flight control requirements for terrain following /U/ Final report, Feb. 1, 1965 - Feb. 1, 1966	1966
19660076329	Demand-mode integral rocket-ramjet /U/ First quarterly progress report, 17 Jan. - 16 Apr. 1966	1966
19660076331	Analytical and experimental investigation of air-augmented rockets to determine thrust minus drag /U/ Quarterly progress report no. 3, 1 Jan. - 31 Mar. 1966	1966
19660076337	A small scale liquid propellant engine test facility /U/	1966
19660076339	Plate-pyramid shaped charges against a hard, dry mud /U/	1966
19660076342	VA-899 superpower microwave amplifier development program /U/ Quarterly report no. 21, 1 Jul. - 30 Sep. 1965	1966
19660076343	Throttleable monocompound rocket engine /U/ Technical report, 11 Nov. 1965 - 10 Feb. 1966	1966
19660076344	Aerodynamic Characteristics of a Conceptual Deployable-Wing Reusable Booster at Mach Numbers from 0.4 to 1.2	1966
19660076345	Basic chemical research for advanced storable liquid oxidizers /U/ Second quarterly report, Mar. 1 - May 31, 1966	1966
19660076347	Research on extrinsic photoconductors /U/ Final report, 16 Aug. 1963 - 30 Nov. 1965	1966
19660076350	Demonstration of a multiple-ignition device for use with a restartable solid propellant motor /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660076353	Laser Air Defense Study /U/ Final report	1966
19660076355	[No Title]	1966
19660076359	Development of a spontaneous electrolysis portable chemical agent alarm /U/ Second quarterly progress report, Sep. - Dec. 1965	1966
19660076360	Research on improvement of far-infrared pickup tubes /U/ Seventh quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660076362	Hydrofoil craft trending and costing study. Volume 2 - Summary work book /U/	1966
19660076365	Investigation of the mechanism of solid propellant burn rate /U/ Second quarterly technical report, 1 Feb. - 30 Apr. 1966	1966
19660076402	A Study of Composite Propulsion Systems for Advanced Launch Vehicle Applications (U) Second Quarterly Oral Review	1966
19660076406	An evaluation of the low g propellant behavior of a space vehicle during waiting orbit	1966
19660076407	Saturn S-IB stage vibration and acoustic analysis - SA-25 static test, SA-26 static test	1966
19660076408	A tracking system error model regression analysis for systematic error evaluation of Apollo-Saturn radar flight data	1966
19660076412	Solutions to the two point boundary value problem with application to minimum fuel trajectories Fifth technical report, Apr. 6, 1965 - Apr. 12, 1966	1966
19660076414	Structural heat shield for re-entry and hypersonic lift vehicles /high temperature composite structure/ test evaluation Final report, Jun. 1963 - Nov. 1965	1966
19660076415	Electrical power system and ground supported equipment for the conventional DC MAN system augmentation for A-3 aircraft	1966
19660076416	The expected time to first failure Technical report, Jan. 1 - Jun. 30, 1965	1966
19660076417	Fuel cell pulse power system First quarterly progress report, 15 Feb. - 15 May 1966	1966
19660076419	Diurnal variations in the stratospheric circulation	1966
19660076421	Physicomechanical behavior of rubberlike materials Second annual report, 2 Feb. 1965 - 31 Jan. 1966	1966
19660076422	Exploratory studies of infrared emission spectra with an InSb photovoltaic detector Final report, Jun. - Nov. 1965	1966
19660076423	Passive radar augmentation for A-3 aircraft	1966
19660076424	Properties of electron beams produced by non-equipotential cathodes Final technical report, 1 Jan. - 31 Dec. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076425	Aerosol dissemination assessment Second quarterly progress report, Oct. - Dec. 1965	1966
19660076426	Evaluation of 2 constructions of Nomex nylon staple glove fabric	1966
19660076427	Research on methods of obtaining luminescence in ferroelectric materials and study of the temperature dependence of their luminous efficiencies close to the Curie point Quarterly technical report, Jan. 1 - Mar. 31, 1966	1966
19660076428	Mixer - IF amplifier assembly Final report, 5 Mar. - 15 Dec. 1965	1966
19660076431	Thermodynamic properties of rocket exhaust products Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19660076432	Fission-product monitor development Technical report, 1 Oct. 1964 - 30 Sep. 1965	1966
19660076435	Target Acquisition and Reporting /TAR/ FINAL report, 25 Oct. - 2 Dec. 1965	1966
19660076437	Radiation-resistant single-sideband quartz crystal units	1966
19660076438	Applications of Air and Spaceborne Sensor Imagery and Related Tasks Eighth Quarterly Progress Report	1966
19660076439	Research and Development of on Board Control Systems and Elements for Aerospace Vehicles Research Report No. 3	1966
19660076440	Advanced theoretical and experimental studies in automatic control and information systems Semiannual status report, 1 Jan. - 30 Jun. 1966	1966
19660076441	Systems analysis of ballistic missile defense concepts. Volume II - Calculation of atomic and molecular reaction cross sections Final report	1966
19660076442	Practice and drug effects in serial adding	1966
19660076443	Ultrasonic room aerosol "TuR" USI 1	1966
19660076445	Analytical and experimental determination of localized structure to be used in laboratory vibration testing of shell structure mounted components, Saturn V. Volume II - General stiffened shell computer program Yearly progress report, Apr. 1965 - Apr. 1966	1966
19660076446	A research program on solid propellant physical behavior Quarterly report no. 7, 1 Aug. - 31 Oct. 1965	1966
19660076447	YAG crystals Third quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660076448	PAGEOS launch operations plan	1966
19660076449	Low level broadband limiters Interim engineering report, 1 Nov. 1965 - 1 Mar. 1966	1966
19660076451	Psychology and biotechnology at the Max- Planck-Institut fuer Arbeitsphysiologie /Dortmund/	1966
19660076452	Development, fabrication, and delivery of neodymium doped YAG laser rods Final report, 19 Mar. 1965 - 19 Mar. 1966	1966
19660076454	ECM aerospace antenna studies Second quarterly technical report	1966
19660076455	TE01 duplexer - Ferrite study /35 GHz/ Final technical report	1966
19660076456	Preparation of alkylferrocenes from acylferrocenes by reduction with lithium- aluminum hydride-aluminum chloride	1966
19660076457	Study and analysis on the utilization of solderless wrapped electrical connections	1966
19660076458	The initiation of detonation by a shock wave in cast trotil	1966
19660076459	Measures of velocities by Doppler effect of millimeter waves	1966
19660076461	Development of composite structures for high-temperature operation Fifth interim technical report, 1 Nov. 1965 - 28 Feb. 1966	1966
19660076462	Research on thermal protection systems for cryogenic propellants on interplanetary space vehicles Third quarterly progress report, 21 Dec. 1965 - 21 Mar. 1966	1966
19660076464	Product Form of Inverses of Sparse Matrices Semiannual Status Report No. II	1966
19660076469	The crystal structure of Ru4Al13	1966
19660076470	Note of the nine-layer hexagonal structure of YAL3	1966
19660076471	Phase analysis at 660 deg C of the gamma region of the copper-aluminum system	1966
19660076472	Study of supercritical converter	1966
19660076473	Compilation of nuclear, pulsed, and space radiation effects projects	1966
19660076474	Investigations in computer-aided design for numerically controlled production Interim engineering progress report, 1 Dec. 1964 - 31 May 1965	1966
19660076475	Itek bidirectional fringe counter Final report	1966
19660076476	Gun-launched vertical probes at White Sands Missile Range	1966
19660076480	Mechanics of processing	1966
19660076481	Metalworking process development	1966
19660076482	Selection of a cross-linked polymer standard Second annual report, 2 Feb. 1965 - 31 Jan. 1966	1966
19660076483	GEOS parts program evaluation	1966
19660076484	Single and double electronic transitions in molecular oxygen	1966
19660076485	Environmental research satellites for space propulsion systems experiments Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660076486	Optimum defense against given threat Technical report, Jan. 1966	1966
19660076487	On the derivation of surface gravity anomalies from airborne measurements Scientific report no. 1	1966
19660076489	Halogen passivation studies Second quarterly progress report, 1 Feb. - 30 Apr. 1966	1966
19660076494	Low profile interrupted coaxial radiator Final technical report, Feb. 1965 - Feb. 1966	1966
19660076497	Compound semiconductor functional electronic blocks Interim technical report no. 6, 11 Mar. - 1 Nov. 1965	1966
19660076499	Research on extruding, drawing and heat treating of titanium Interim engineering progress report, 1 Nov. 1965 - 31 Jan. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076500	Response and damage predictions for a linear oscillator under impulsive noise loading Summary report, Dec. 1964 - Sep. 1965	1966
19660076501	Chemistry of rare gas compounds Final report, 2 Nov. 1964 - 1 Nov. 1965	1966
19660076502	Coding and use of information in problem solving Annual progress report, 1 Jun. 1965 - 31 May 1966	1966
19660076503	Photolysis of methyl iodide in the presence of nitric oxide, 1 July 1965 - 1 February 1966	1966
19660076504	Continuous determination of the average sound velocity over an arbitrary path	1966
19660076506	Technology concerning the multiple image memory device and associated image storage Technical report, 1 Jun. - 1 Dec. 1965	1966
19660076507	The FO radical and high pressure reactions of N ₂ F ₂ Third annual progress report /final/, 1 Feb. 1965 - 15 Mar. 1966	1966
19660076508	Low temperature battery /new magnesium anode structure/ Final report, 1 Oct. 1962 - 31 Oct. 1965	1966
19660076509	Solid state amplification Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660076510	Study of zero-gravity positive expulsion techniques Quarterly progress report, period ending 31 Dec. 1965	1966
19660076511	Lightweight insulators for shipboard whip antennas First quarterly interim engineering report	1966
19660076512	Low loss microwave acoustic transducers Interim technical report no. 4, 15 Dec. 1965 - 15 Apr. 1966	1966
19660076513	Low pressure tire dynamics study. Part I - 49 times 17/24PR and 17.00-20/22PR tires Final report, Jan. - Aug. 1965	1966
19660076514	Low-altitude navigation and display techniques Final report, 1 Jul. 1964 - 30 Jun. 1965	1966
19660076515	Low cycle fatigue behavior under biaxial strain distribution	1966
19660076516	Lifting reentry communications. Volume I - A comparative evaluation of potential systems Final report, 1 Jul. 1965 - 1 Feb. 1966	1966
19660076517	Experiments to improve tracking performance of the 48-inch Cloudcroft surveillance telescope, including a study of digital control methods for further improvements Technical documentary report, 1 Jun. 1965 - 30 May 1966	1966
19660076518	Lightweight radar alarm system Final technical report	1966
19660076519	Measurement of the mean energy for electron- hole pair formation in silicon by low-energy electron bombardment Final technical report, Jan. - Dec. 1965	1966
19660076520	Summary of mathematical work related to infrared radiation data processing	1966
19660076522	Oxidation of nickel and nickel-cobalt dispersion strengthened alloys	1966
19660076523	Program ASTEC /Advanced Solar Turbo Electric Concept/. Part I - Candidate materials laboratory tests Final report, 1 Jul. 1964 - 1 Oct. 1965	1966
19660076524	A review of precracked Charpy fracture toughness testing techniques Technical report, Sep. 1964 - Jan. 1965	1966
19660076547	Research Program on Radio Astronomy and Plasma for AAP Lunar Surface Missions, Volume II Final Report, 17 Jun. 1965 - 31 May 1966	1966
19660076549	Emplaced scientific station, volume I, part 1 Final technical report, Jul. 1965 - Apr. 1966	1966
19660076550	Emplaced scientific station, volume I, part 2 Final technical report	1966
19660076552	Multidisciplinary research activity in the materials sciences with emphasis on inorganic non-metallic /ceramic/ materials Semiannual status report no. 6, 16 Dec. 1965 - 15 Jun. 1966	1966
19660076554	Aerodynamic performance analysis program 7100	1966
19660076556	Improved radiation characteristics of shipboard radar antennas, volume II Final engineering report, 13 Dec. 1963 - 31 Mar. 1966	1966
19660076558	Medium power, medium noise figure traveling wave tube Interim development report no. 6, 1 Jan. - 31 Mar. 1966	1966
19660076559	Construction of a non-gridded, field effect tube for use in sonar applications Third quarterly development report, 1 Jan. - 31 Mar. 1966	1966
19660076561	Lightweight radar alarm system /Appendices/ Final report	1966
19660076562	Strength properties of reinforced plastic laminates at elevated temperatures Narmco 534 resin and 181-S994-Z6040 glass fabric Technical report, Nov. 1964 - Sep. 1965	1966
19660076563	Applied research on efficiency improvement in O-type traveling-wave tubes Fourth interim engineering report, 1 Oct. - 31 Dec. 1965	1966
19660076566	Development of sonobuoy life control device /U/ Final report	1966
19660076568	Titan IIIB category B studies. Volume I - Aeroballistics /U/ Summary report	1966
19660076572	Combustion instability	1966
19660076575	Nozzle material	1966
19660076577	Case bonding and adhesives	1966
19660076581	156 inch fiberglass LITVC motor program /U/ Quarterly progress report no. 3, 1 Dec. 1965 - 28 Feb. 1966	1966
19660076582	Wide band correlation radar study /U/ Final report, 1 Mar. 1964 - Dec. 1965	1966
19660076584	HiBEX rocket motor performance, design and development analysis /U/	1966
19660076586	Research into new approaches for VHF FILTER crystals Tenth quarterly report, 16 Oct. 1965 - 15 Jan. 1966	1966
19660076588	Projection of spheres by plane layers of H.E.	1966
19660076590	Application of advanced fibrous reinforcement composite materials Monthly progress report, 1-28 Feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076592	Exploratory development of high-temperature heat exchangers Interim engineering progress report, 1 Oct. - 31 Dec. 1965	1966
19660076599	Molecular structure studies Quarterly status report, 1 Oct. - 31 Dec. 1965	1966
19660076601	Brazing beryllium by capillary flow Interim technical documentary progress report, 1 Oct. - 31 Dec. 1965	1966
19660076602	Beryllium bi-crystal studies Interim engineering progress report no. 6, 1 Oct. 1965 - 31 Jan. 1966	1966
19660076603	Anisotropic liquids for tunnel detection Eighth summary letter report, 1-28 Feb. 1966	1966
19660076604	A special case of waveform analysis	1966
19660076609	Very high temperature coatings for tantalum alloys Quarterly progress report 2, 1 Oct. - 30 Dec. 1965	1966
19660076612	Investigation of techniques for electromagnetic angular rotation sensing Final report	1966
19660076613	Fundamental research on advanced oxidizers Quarterly technical report no. 13, Dec. 1965 - Feb. 1966	1966
19660076616	The fabrication and characterization of Schottky barrier mixer diodes and integrated mixers for S-, X- and Ku-band Quarterly report, 1 Nov. 1965 - 1 Feb. 1966	1966
19660076617	Naval applications of meteorological lidar Final report, 15 Feb. 1964 - 25 Feb. 1965	1966
19660076618	Structural behavior of ring sections under nonuniform external pressure Technical report, Jul. 1964 - Aug. 1965	1966
19660076619	Oceanographic effects on plastic engineering materials, part A and B	1966
19660076620	Fluid flow measurement by transit time analysis of temperature fluctuations	1966
19660076621	T-38A systems safety review Safety recommendation summary, 25-27 January 1966	1966
19660076623	Gas turbine regenerators for marine environment Third quarterly progress report, Jan. - Mar. 1966	1966
19660076624	Test and evaluation of Bell and Howell/ Canon Dial 35 camera	1966
19660076626	Silica surfaced carbon fibers Technical report, Jul. 1964 - Sep. 1965	1966
19660076628	Research and exploratory-development origins of the SPS-48 radar	1966
19660076631	Thermal history of beryllium, graphite, quartz and Teflon spheres during reentry	1966
19660076632	Research in connection with propagation of Very Low Frequency /VLF/ First annual technical report	1966
19660076635	C-141A - Comparison of analytical and measured loads /100 percent structural flight demonstrations/	1966
19660076654	Investigation of LH2 recirculation system vapor entrainment Final report, 25 Jun. 1965 - 24 Jun. 1966	1966
19660076655	A study of the feasibility of improving the performance of hypersonic cruise vehicles by the use of vehicle-generated low-energy air in the propulsive system	1966
19660076656	120 channel digital reporting system Progress report no. 11 /Fourth quarterly report/, Feb. - Apr. 1966	1966
19660076657	Development of ultrahigh strength low density, aluminum plate composites Eleventh quarterly report /Progress report no. 33/, 1 Jan. - 31 Mar. 1966	1966
19660076658	Effect of additives on the ignition delay time of hypergolic propellants Quarterly report no. 1, 5 Jan. - 4 Apr. 1966	1966
19660076659	Control system study Final report, 1 Aug. 1964 - 8 Mar. 1966	1966
19660076660	Development of pressure transducer with direct digital output Third quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660076661	Solid rocket structural integrity abstracts, volume III, no. 2	1966
19660076662	On the microstructure of composite propellants	1966
19660076664	Research on thermionic electron emitting systems Progress report no. 2, 16 Sep. 1965 - 15 Feb. 1966	1966
19660076665	Development of a transistor-varactor diode capable of 5 watts output at 2.3 gigacycles Interim technical report, 1 Sep. - 30 Nov. 1965	1966
19660076666	A modeling handbook including experiments on inelastic deformations of conical shells Final report, Jun. 1963 - Oct. 1965	1966
19660076667	Research on improved epoxy resins Quarterly progress report, 1 Feb. - 1 May 1966	1966
19660076668	Some properties of an optimal value function	1966
19660076671	Some considerations in the evaluation of launch vehicle dynamic response - 21 January, 1965 Final report	1966
19660076672	Special heat treatments to arrest stress corrosion and intergranular corrosion in aluminum alloys. Investigation of cryogenic quenching	1966
19660076674	Test and evaluation of the Hulcher 70, Model 102C camera, designated - Type KE- 39A Final technical report	1966
19660076676	Semiconductor research Semiannual report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660076677	Approximate thermodynamic functions for the C super minus over sub 2 ion	1966
19660076679	Gamma ray scanning of debris cloud	1966
19660076680	Germanium photodiode with avalanche multiplication Annual report, 1965	1966
19660076682	Hypervelocity Range Program /Hyrap II/ FIRST quarterly technical progress report, 1 Sep. - 31 Dec. 1965	1966
19660076688	Secant-modulus and tangent-modulus values for 5Ni-Cr-Mo-V steel	1966
19660076689	Effect of stress relief on the mechanical properties of experimental HY-130/150 MIG WELD metals	1966
19660076690	Evaluation of laboratory-produced castings of 5Ni-Cr-Mo-V steel	1966
19660076691	Development of an HY-130/150 weldment Progress report	1966
19660076692	Synthesis of new fire resistant hydraulic fluids Bimonthly status report, 25 Jan. - 25 Mar. 1966	1966
19660076693	Spontaneous and orienting response during sleep	1966
19660076694	Mosaic radar study program Final report, 1 Feb. 1964 - 31 Oct. 1965	1966
19660076697	Reaction of diisonitrosoacetone with sulfonyl chlorides and, reaction of acyl halides, acid anhydrides and alpha-haloethyl acetate with Braun-Mosher reagent Quarterly report no. 2, Oct. - Dec. 1965	1966
19660076698	U. S. Army RFCP spectrum signature program Quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076699	Matrix analysis of shells of revolution by the modal circle method Final report, Dec. 1965	1966
19660076700	Quarterly reliability and quality assurance report. Volume II - Quality assurance	1966
19660076702	Nonsimilar mixing of chemically reacting streams Interim report, 1 Jan. - 31 Dec. 1965	1966
19660076703	Research and development of direct synthesis of carboranes Quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660076704	Gravity waves on bottom slopes Final report, vol. I	1966
19660076707	Nimbus meteorological satellite integration and testing Quarterly progress report, 16 Nov. 1965 - 15 Feb. 1966	1966
19660076708	Improvement of techniques for the derivation of vibration test specifications Summary report, 17 Apr. 1965 - 17 Apr. 1966	1966
19660076709	Development of EBW firing unit Fourth quarterly report, 1 Mar. - 31 May 1966	1966
19660076710	A method of slitless absolute spectral photometry for application in reentry research and astronomy	1966
19660076711	Rf leakage characteristics of coaxial connectors Fourth progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660076712	The relation between dynamic relaxation and semi-iterative matrix methods	1966
19660076716	Underwater camera calibrator Final technical report	1966
19660076717	Transport coefficients Final technical report, 1 Jan. - 31 Dec. 1965	1966
19660076720	Enhanced radio reflection of grid structures /the grid-sphere effect/	1966
19660076721	Prediction of acoustic distortion in liquid- filled elastic-walled cylinders	1966
19660076722	Reliability and quality assurance program Quarterly status report no. 14, Jan. - Mar. 1966	1966
19660076724	Bionics image recognition system Final report, 4 Jan. 1965 - 15 Jan. 1966	1966
19660076726	Unit record techniques First quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660076727	Theory and hardware, development of noise generation An annotated bibliography	1966
19660076728	Wind tunnel testing of self-dispersing shapes, phase III Final report, Oct. 1964 - Mar. 1966	1966
19660076729	Tables of interplanar spacings computed for cobalt K alpha, K alpha ¹ , K alpha ² , and K beta	1966
19660076733	Investigation of a 30,000 rpm turbine-driven hydraulic pump Quarterly progress report, Jan. 1 - Mar. 31, 1966	1966
19660076736	A study of the effects of snow cover on high explosive blast parameters Final report	1966
19660076737	Coordinate transformations in trajectory simulations	1966
19660076738	Program ASTEC /Advanced Solar Turbo Electric Concept/. Part IV - Solar collector development support tasks. Volume VII - Engineering development ground test plan for the ASTEC solar energy collector	1966
19660076739	Project Squid Semiannual progress report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660076740	Wind shear for small thickness layers	1966
19660076741	Silicon carbide diode study Interim technical report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660076743	Investigation of a moving belt radiator Quarterly progress report, 1 Feb. - 1 May 1966	1966
19660076744	The stratospheric tidal jet	1966
19660076745	Feasibility test of televised radar Final report	1966
19660076746	Infrared spectral studies of trapped free radicals Final technical report, 1 Dec. 1964 - 30 Nov. 1965	1966
19660076747	Synthesis of carborane-xylylene polymers for high temperature service Progress report, 12 Jan. - 11 Apr. 1966	1966
19660076749	Direct conversion into electrical energy of gamma radiations emitted by nuclear reactors or radioisotopes	1966
19660076752	Survey of orbit determination	1966
19660076754	Evaluating the reliability of an accelerated test for qualifying ozone-protective waxes Quarterly progress report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660076759	Study of superconductors by means of monochromatic phonons Fourth quarterly report, 16 Mar. - 15 Jun. 1966	1966
19660076760	Development of a typical Mars landing capsule sterilization container Final report, 28 Jun. 1965 - 28 Jun. 1966	1966
19660076761	Proton bombardment of high-purity silicon	1966
19660076763	Wideband transmission media for the DCS	1966
19660076765	Boundary layer studies in an arc-heated wind tunnel Semiannual status report no. 2, 1 Nov. 1965 - 31 Apr. 1966	1966
19660076766	Detailed damage characteristics in a cavitating venturi Internal report no. 30	1966
19660076767	Electronic structure of solids Semiannual report, Nov. 1, 1965 - Apr. 30, 1966	1966
19660076768	Geologic investigations of remote sensing techniques Final report, 1966	1966
19660076769	Investigation of positive-type shaft seals Interim report, Jul. 1964 - Dec. 1965	1966
19660076770	Development of a non-destructive radiation effects prediction technique Second quarterly progress letter, period ending Apr. 30, 1966	1966
19660076771	Development of Ku-band low-noise output function traveling-wave tubes Interim development report, 1 Oct. - 31 Dec. 1965	1966
19660076772	Development of Ku-band low-noise dual output function traveling-wave tubes Interim development report, 1 Jan. - 30 Sep. 1965	1966
19660076774	High-frequency measurement of radar cross section using the standing-wave method Technical report no. 127	1966
19660076777	Development of random vibration reliability test requirements, July 16, 1965 Final report	1966
19660076779	Concerning the maximum frequency of 100 percent AM modulated transducers /II/	1966
19660076780	Nuclear power systems for lunar exploration	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076781	G.R.P. cylinders, test on single wall specimens Progress report	1966
19660076782	Category II low temperature evaluation of the CH-3C helicopter in the Arctic Technical report, Dec. 1964 - Feb. 1965	1966
19660076784	Evaluation of spot-repair method for damaged chromium plated parts	1966
19660076785	The effect of Gd plus3 on the field- enforced antiferroelectric to ferroelectric phase transition in the PbZrO ₃ -PbTiO ₃ - PbSnO ₃ system	1966
19660076787	March of molecular abundances in the outer layers of K and M stars	1966
19660076789	Nonequilibrium gas dynamics Quarterly report, period ending 30 Jun. 1966	1966
19660076790	Effects of high and low barometric pressures on susceptibility and resistance to infection Fourth quarterly status report, 1 Apr. - 30 Jun. 1966	1966
19660076792	Hycon - Hybrid digital to analog comparator and converter Final report	1966
19660076793	Control and analysis of primate behavior by brain telestimulation and telemetry Annual progress report, Aug. 1, 1965 - Aug. 1, 1966	1966
19660076794	Remote multispectral sensing in agriculture Semiannual progress report	1966
19660076795	ATS-B communications experiment operations requirements	1966
19660076797	A boundary value solution for an infinite parallel plate transmission line radiating into a lossy half-space	1966
19660076801	High energy oxidizers Third annual technical summary report, Feb. 1, 1965 - Jan. 31, 1966	1966
19660076803	EMP energy coupling studies Final report	1966
19660076805	Polarographic study of nitrate esters I - Reduction of pentaerythritol mononitrate	1966
19660076816	Evaluation of advanced non-regeneratively cooled rocket thrust chamber concepts /U/ Summary report, 1 Jun. - 30 Nov. 1965	1966
19660076817	Study on the feasibility of V/STOL CONCEPTS for short-haul transport aircraft, volume I Addendum report	1966
19660076818	Study on the feasibility of V/STOL concepts for short-haul transport aircraft, volume II ADDENDUM report	1966
19660076819	Study on the feasibility of V/STOL concepts for short-haul transport aircraft, volume III ADDENDUM report	1966
19660076820	Study on the feasibility of V/STOL concepts for short-haul transport aircraft, volume IV	1966
19660076821	Study on the Feasibility of V/STOL Concepts for Short-haul Transport Aircraft, Supplement (U) Addendum Report	1966
19660076823	Study on the feasibility of V/STOL concepts for short-haul transport aircraft Addendum report, volume 1	1966
19660076824	Study on the feasibility of V/STOL concepts for short-haul transport aircraft Addendum report, volume 2	1966
19660076825	Study on the Feasibility of V/STOL Concepts for Short-haul Transport Aircraft /U/ Addendum Report, Volume 3	1966
19660076826	Attenuation of shock waves in distended materials Final report, 18 Jan. 1965 - 2 Mar. 1966	1966
19660076828	Aerodynamic performance analysis SLV-3/Agema/OGO program	1966
19660076829	Adaptive beamforming for receiving arrays	1966
19660076830	The development of low melting point non-precious dental alloys Progress report, Apr. 1, 1965 - Mar. 31, 1966	1966
19660076831	A computer program for use in computing a first order latitude by the Horrebow-Talcott method	1966
19660076832	Annual tropical storm report - 1965	1966
19660076833	Analysis of a coherent detection lock-in system	1966
19660076834	Advanced electronics industry survey	1966
19660076835	Molecular structure and physical behavior of polymers Technical documentary report, 1 Jan. - 31 Dec. 1965	1966
19660076836	More recent information concerning the secondary processes of slow ions in gases	1966
19660076837	Preflight linear guidance evaluation for interplanetary trajectories	1966
19660076839	An operational test of the Jarvis grid technique, 7 November 1964 to 2 April 1965, Atlantic Weather Central	1966
19660076840	Vehicle system integration requirements and restraints document for the Orbiting Astronomical Observatory /OAO-A2/	1966
19660076842	Mass spectral studies of kinetics behind shock waves direct sampling and flash photolysis of NO ₂	1966
19660076843	Effect of outdoor aging on unstressed, adhesive-bonded, aluminum-to-aluminum lap shear joints Annual progress report	1966
19660076844	Effects of random phase errors in the Wullenweber direction finding system Technical report no. 1	1966
19660076846	The effects of drugs on human performance - The development of analytical methods and tests of basic human abilities Technical report no. 2, Jul. 1964 - Jul. 1966	1966
19660076849	Nickel-base and cobalt-base alloys Review of recent developments	1966
19660076851	Principles of model analysis with application to S-IC intertank system - September 1965 Final report	1966
19660076852	Deterioration of aircraft, power plant, and missile parts. Failed bolt/elevator deboost spring	1966
19660076853	Revised operating instructions for the MS4 MASS spectrometer in the determination of local mixture ratio in rocket engines	1966
19660076854	Rocketsonde wind measurements up to the mesopause in Sardinia	1966
19660076856	A geometrical method of studying wave propagation through real geologic layered media Technical report, Dec. 1964 - Jan. 1966	1966
19660076857	Two-beam interference in plane-mirror systems	1966
19660076859	Test program on durability of aircraft coatings Final report	1966
19660076860	Technical evaluation of EMA-910 ELECTROMAGNETIC Analyzer Final report	1966
19660076862	Technical data compiled from operational reports on Deep Freeze 61 through 65, July 1960 - June 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076863	Transfer of solar radiation through clouds - Solution by the method of spherical harmonics Final technical report, 1 Jul. 1962 - 28 Feb. 1966	1966
19660076864	Radar meteorology in Poland	1966
19660076865	The reactivity of aluminum oxide in the formation of spinel	1966
19660076866	Sideband-operated automatic frequency control for reception of suppressed-carrier SSB VOICE signals Technical report no. 125	1966
19660076867	Space programs Quarterly report, Jan. - Mar. 1966	1966
19660076869	On the approximation of complex numbers	1966
19660076870	Real-ear sound attenuation characteristics of thirty-six ear protective devices	1966
19660076871	Reliability-data-system methodology	1966
19660076872	Research and development of an electro-optic wideband spectrum analyzer Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19660076874	Rover flight safety program preliminary review. IV. Safety analysis report - Radiological considerations in nuclear flight safety Final report	1966
19660076875	The reaction of dimethylsulfoxide and 5-dimethylaminonaphthalene-1-sulfonyl chloride	1966
19660076877	Operation Whet Stone. Reentry Safety Project officers report - Project 45.6	1966
19660076878	Application of variational methods to missile and space vehicle guidance	1966
19660076879	Evaluation of an accelerated curing procedure for stabilization of kaolinite with lime Final report	1966
19660076880	Behavior of sulphur under the effect of a shock wave	1966
19660076881	Bioelectric potentials in skin burns and X-ray erythemas	1966
19660076882	Distortion of bottom reflected pulses	1966
19660076883	An experimental and theoretical study of the CARDE 4-inch light gas gun	1966
19660076884	Cavitation scale effect for blade profiles in real flow	1966
19660076888	Grain size dependence of fracture of alpha-copper aluminium alloys in mercury	1966
19660076889	Ground shock spectrum measurements, event D	1966
19660076890	Free-field airblast measurements	1966
19660076891	A computer program for evaluating lattice sums	1966
19660076892	Phase II investigation of landing gear shock strut frictional forces Final engineering report	1966
19660076893	Comparison between predicted and measured structural responses of a supersonic delta wing to blast loads Final report	1966
19660076894	Investigation of incremental thermal energy. Recorder techniques for application in flashblindness data measurements Final report	1966
19660076895	Influence of radiation on enzyme kinetics Annual progress report no. 6, 1 Jun. 1965 - 15 May 1966	1966
19660076898	Irradiation by laser effect	1966
19660076901	Image synthesizer development Interim technical report no. 4 and 5, 16 Mar. - 15 Sep. 1965	1966
19660076902	Large scale integrated circuit array Interim technical report no. 1, 15 Jan. - 15 Apr. 1966	1966
19660076906	Trends in F-101 aircraft maintenance requirements	1966
19660076907	Titan III B category B studies. Volume III - Flight controls stability analysis report Summary report	1966
19660076910	Radiative energy transfer on entry into Mars and Venus Quarterly report no. 15	1966
19660076911	Behavioral research and experimental analysis of complex behavioral repertoires under full environmental control Semiannual status report, 1 Feb. - 31 Jul. 1966	1966
19660076912	Geologic evaluation of radar imagery of the central part of the Oregon High Cascade Range	1966
19660076913	Space research projects Semiannual report	1966
19660076914	Geologic appraisal of radar imagery of southwestern Oregon	1966
19660076916	Stable liquid propellant rocket engine design criteria project - Instruction manual for collecting test data	1966
19660076917	Model study of ionosphere perturbations and propagation between two sites Quarterly report, 1 Jan. - 1 Apr. 1966	1966
19660076920	Pneumatic distance meter development program Final engineering report	1966
19660076922	Titan III B category B studies. Volume II - Structural dynamics and loads Summary report	1966
19660076925	High performance composites Research reports, 30 Jun. 1965 - 31 Jan. 1966	1966
19660076926	Analysis of background and reflection effects on the measurement of radiation from sources with time-variant radiative surface areas	1966
19660076927	Absorption of light in gases Annual technical summary report no. 1, 1 Nov. 1964 - 31 Jan. 1966	1966
19660076929	Multiple reflective laser detector diode Interim engineering report, 1 Feb. - 30 Apr. 1966	1966
19660076931	Image intensifier with mosaic collector Interim report, 1 Feb. - 1 May 1966	1966
19660076933	Evaluation of machine-produced abstracts Final report	1966
19660076934	Wessex Mk.5 - XS 506 /2 times Gnome Mks. 11201 and 11301/. Cold weather engineering trials, part VI	1966
19660076935	Acceleration, gravity and weightlessness	1966
19660076936	Effect of cold forming on the tensile and compressive properties of 5Ni-Cr-Mo-V steel	1966
19660076937	Effect of composition on the susceptibility of 5Ni-Cr-Mo-V steel to embrittlement during prolonged stress relief	1966
19660076938	Feasibility of developing an HY-180/210 WELDMENT Eighth progress report, Jul. 1 - Dec. 31, 1965	1966
19660076939	Flight trials of a system for clearing insect debris from an aircraft windscreen	1966
19660076942	F-5B /Norway/ short field performance test Final report, 10 Nov. - 1 Apr. 1966	1966
19660076945	Applications Technology Satellite Quarterly progress report no. 8, 1 Mar. - 31 May 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660076947	Turbine engine mission effectivity comparison /U/ Final report	1966
19660076960	Altitude performance evaluation of expandable nozzle extensions for the LR91-AJ-5 rocket engine /U/	1966
19660076965	Multichamber, Plug Nozzle Systems Analysis (U) Interim Summary Report, 1 Jun. 1965 - 31 Mar. 1966	1966
19660076966	F-4B/SPARROW III weapon system improvement program. Temperature and moisture effects on the propulsion system /U/	1966
19660076967	The turbulent wake behind the Mark 6 reentry vehicle /U/ Interim report, Jan. 1964 - Mar. 1966	1966
19660076969	Development of pseudo noise coding for ASM DATA link use /U/	1966
19660076972	Research and development of a long-wavelength IR mosaic terminal guidance technique, phase I /U/ Final report	1966
19660076975	Investigation of oxidizers as flame agents /U/ Third quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660076978	A functional classification of terminal guidance systems /U/	1966
19660076980	Quality assurance test number VI-QA-53 SIMULATED altitude test, M57A1 operational rocket motor weapon system 133B /U/ Final report	1966
19660076982	Antenna requirements for an airborne microwave radiometric mapping system /U/	1966
19660076984	Altitude Performance Evaluation of a Thiokol TE-T-359-3 Solid-propellant Rocket Motor While Spinning at 112 Rpm (U)	1966
19660076987	Test and evaluation of all-dry processing kits for EH-38 film processing Final technical report	1966
19660076990	Low thrust throttleable engine for the lunar manned flying system Final report, 30 Jun. 1965 - 30 Apr. 1966	1966
19660076991	Constitutive equations for nonviscometric flows Progress report, Jan. 1 - Jun. 30, 1966	1966
19660076992	Research on theoretical and experimental studies of magneto-aerodynamic drag and shock stand-off distance Progress report, Jan. 7 - Jul. 8, 1966	1966
19660076993	Relative roles of gravitational and inertial work in the energy cost and character of human locomotion Semiannual progress report, Jan. 1 - Jun. 30, 1966	1966
19660076994	Fluid physics program in non-Newtonian fluid mechanics on theoretical studies of the rheology of disperse systems, 1 December 1965 to 30 May 1966	1966
19660076995	Composition of basalt flows at Pispah Crater, California - Preliminary data Technical letter NASA-20	1966
19660076996	Preliminary evaluation of radar imagery of Yellowstone Park, Wyoming Technical letter NASA-30	1966
19660076997	Use of infrared imagery in study of the San Andreas fault system, California Technical letter NASA-42	1966
19660076999	Oscillatory combustion in rockets Fourth semiannual report, Dec. 1, 1965 - May 31, 1966	1966
19660077003	Effects of schedule and stimulus parameters on monitoring and observing behavior Semiannual status report, 1 Dec. 1965 - 31 May 1966	1966
19660077005	Prototype gas supply system program Final summary report	1966
19660077007	Supersonic Investigation of the Static Stability, Performance, and Control of a Variable-sweep Tactical Fighter Model, Phase 7 /U/	1966
19660077008	AS-206A Launch Vehicle Reference Trajectory (U)	1966
19660077012	Improved heat flux hydrocarbon fuels /U/ Third quarterly progress report	1966
19660077016	ARPA homing guidance study - Project HoGi /U/	1966
19660077018	Coherent Doppler radar modification /MAGDARR/ to the AN/APQ-94 radar, flight test of /U/ First interim report, 22 Nov. - 20 Dec. 1965	1966
19660077019	Study of radar reflectivity of aircraft, missiles, and targets /U/ Quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660077023	Pyrotechnic research and development, January - March 1966 /U/	1966
19660077025	Air delivered ground controlled weapon study. Volume IV - Analysis of recommended systems /U/ Final report, Mar. 1964 - Mar. 1965	1966
19660077027	Development of broad band UHF amplifier /U/ Second interim engineering report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660077031	Thrust chamber materials and design concepts evaluation /U/	1966
19660077033	Endurance and seakeeping characteristics of ASW hydrofoil ships with towed variable depth sonar /U/	1966
19660077037	Coaxitron transmitter group for radar set AN/APS-96 /U/ Monthly progress report, 1-31 Mar. 1966	1966
19660077040	Technique for radar-reflectivity measurements by optical simulation /U/	1966
19660077041	High-pressure research toward high-energy propellants /U/ Quarterly progress report, Jan. 1 - Mar. 31, 1966	1966
19660077042	Fundamental investigation of hypergolic ignition of solid propellants, volume I /U/ Final report, 1 Nov. 1963 - 31 Oct. 1965	1966
19660077044	J-2 Program (U) Bimonthly Progress Report, 1 Mar. - 30 Apr. 1966	1966
19660077047	Aerodynamic Nozzle Study, Volume I /U/ Final Report, Jul. 1, 1965 - Apr. 31, 1966	1966
19660077048	Aerodynamic Nozzle Study, Volume II /U/ Final Report, Jul. 1, 1965 - Apr. 31, 1966	1966
19660077049	Liquid Oxygen Turbopump Study (U) Interim Report, Jul. 1965 - Apr. 1966	1966
19660077052	Multichamber, Plug Nozzle Systems Analysis (U) Interim Report, 1 Jun. 1965 - 31 Mar. 1966	1966
19660077054	A/C-6 Postflight Analysis Report (U)	1966
19660077057	Program for Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor (U) Monthly Progress Report No. 19, 1-31 Jan. 1966	1966
19660077058	F-1 Engine System Bimonthly Progress Letter, 1 Dec. 1965 - 31 Jan. 1966	1966
19660077059	SA-202 Saturn Vehicle Data Book (U)	1966
19660077062	Toroidal Systems Analysis Study (U) Final Report, Phase II, 1 Jul. 1965 - 30 Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077064	F-1 Engine System (U) Bimonthly Progress Letter, 1 Feb. - 31 Mar. 1966	1966
19660077066	Selected synthesis by fission fragment recoil /U/ Annual technical report, Jul. 1964 - Feb. 1966	1966
19660077068	Evaluation of new explosive formulations /U/ Final technical report, 30 Mar. 1964 - 10 Apr. 1965	1966
19660077069	A review and analysis of the safety of jet fuel /U/	1966
19660077072	Formulation and evaluation of INFO-635 in double-base propellants /U/ Final technical report, Jul. 1964 - Jul. 1965	1966
19660077073	Basic research in solid oxygen oxidizers /U/ Third annual summary report, 1 Apr. 1965 - 1 Apr. 1966	1966
19660077074	Performance characteristics of a cryogenic tripropellant system /U/ Quarterly technical documentary progress report no. 5, 1 Mar. - 31 May 1966	1966
19660077076	Airborne terminal phased array antenna study /U/ Final technical report, 1 Jun. - 1965 - 15 Feb. 1966	1966
19660077077	A study of the effects of engine parameters on two-phase flow performance losses using H ₂ O ₄ /Alumizine propellants Third quarterly report, 1 Mar. - 31 May 1966	1966
19660077078	1965 advanced ramjet concepts program. Volume V - Liquid metal film cooled nozzle study /U/ Final report, 1 Mar. - 31 Nov. 1965	1966
19660077079	Basic chemical research for advanced storable liquid oxidizers /U/ Final annual summary technical report, 1 Oct. 1964 - 30 Nov. 1965	1966
19660077080	The feasibility demonstration of a pyrolytic graphite wafer nozzle /U/ Final technical report, May 1962 - Oct. 1965	1966
19660077083	J-2 Program (U) Bimonthly Technical Progress Report, 1 Nov. - 31 Dec. 1965	1966
19660077087	Re-entry data report - WSMR test Athena 026 /U/	1966
19660077089	Re-entry data report - AFWTR test 7963 /KX-41/ /U/	1966
19660077090	Pace II /U/ Summary development report no. 4	1966
19660077094	Lightweight radar alarm system /U/ Final technical report	1966
19660077099	Main-tank injection pressurization of high- energy propellants /U/ Final report	1966
19660077106	Antenna Systems Research - the Application of Mutual Acquisition Between Retrodirective Antennas to Space Communication Final Report	1966
19660077107	Advanced analytical program for charring ablators Interim report	1966
19660077108	Study of performance and weight analysis of air breathing propulsion systems for hypersonic aircraft Summary report, Jul. 8, 1965 - May 8, 1966	1966
19660077109	Study of Performance and Weight Analysis of Air Breathing Propulsion Systems for Hypersonic Aircraft Final Report, Jul. 8, 1965 - May 8, 1966	1966
19660077111	Parameters of bipolar, field effect, and unijunction transistor large signal models for use in transient radiation effects analysis Technical report, Sep. - Dec. 1965	1966
19660077112	The Electronic Properties Information Center /EPIC/ Final report, 1 Feb. 1965 - 31 Jan. 1966	1966
19660077114	Synthesis of recursive digital filters	1966
19660077115	The iron-vanadium-oxygen system	1966
19660077117	Suitability of 5Ni-Cr-Mo-V steel for forgings	1966
19660077118	Evaluation of low-carbon 10Ni-Cr-Mo-Co steels with yield strengths over 180 Ksi	1966
19660077119	An evaluation of vacuum-induction-melted and air-melted 12Ni-5Cr-3Mo steel	1966
19660077120	Corrosion-fatigue characteristics of HY-80, 5NI-CR-MO-V, 12Ni-5Cr-3Mo, and 18Ni-8Co-3Mo steels	1966
19660077123	Review of recent developments - Mechanical properties of metals	1966
19660077124	Research and exploratory development for the Engineering Division, Naval Weapons support activity Quarterly report, Jan. - Mar. 1966	1966
19660077125	Synthesis and evaluation of new fire resistant hydraulic fluids Final report, 5 Apr. 1965 - 5 Apr. 1966	1966
19660077126	Shipboard magnetic survey of an area north of the Lesser Antilles	1966
19660077129	Longitudinal magnetoresistance of copper	1966
19660077130	Plastic foils - Tested the modern way	1966
19660077131	PM-1 nuclear power plant category III SYSTEM/COMPONENT tests	1966
19660077133	A study of clear air turbulence near the jet stream	1966
19660077134	Variable gain control techniques for transistor video amplifiers	1966
19660077135	Development of microwave NDT inspection techniques for large solid-propellant rocket motors Final report	1966
19660077136	Statistical evaluation of optimum size of flat tensile samples of ductile metals	1966
19660077137	KIC stress-corrosion tests of 12Ni-5Cr-3Mo and 18Ni-8Co-3Mo maraging steels and weldments	1966
19660077139	Multicomponent strain seismograph Quarterly report no. 3, 1 Jan. - 31 Mar. 1966	1966
19660077140	Development of solid fuel for ramjet sustainer motor Final report	1966
19660077141	Theoretical investigation and optimization of an airplane gust alleviation system	1966
19660077142	Microelectronics based on thin-film technique	1966
19660077143	Electrical characteristics and loss mechanisms of a non-equilibrium linear MHD generator Technical report no. 1	1966
19660077144	Experimental study of the relaxation process and the magnitude of non-thermal ionization in an MHD generator Technical report no. 2	1966
19660077146	Thermodynamic studies of the power-heat coupling in the gas turbine process	1966
19660077152	Shakedown test /test no. MTI-2/ of advanced power conversion experimental test facility configuration B	1966
19660077155	Conceptual design of the communications and data-handling system for a manned, 14-day lunar surface mission	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077156	Analysis of rocketdyne nuclear feed system turbo pump failure	1966
19660077159	Experimental studies of reinforcing brain stimulation, including consideration of behavioral consequences Semiannual status report, Nov. 1, 1965 - May 1, 1966	1966
19660077162	Studies in ignition and flame propagation of solid propellants Final report, 27 Oct. 1964 - 27 Oct. 1965	1966
19660077163	Project Apollo radio blackout investigation Third quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660077165	Royal Society "Meeting for discussion" of MHD electrical power generation	1966
19660077168	Working group on hazards, minutes, second meeting	1966
19660077169	Working group on analytical chemistry, minutes, 22nd meeting	1966
19660077171	Multiple points of rupture in textile fibers. Part I - A proposed mechanism	1966
19660077176	Development of carbon seal wear test for specification MIL-L-23699 /WEP/ Progress report	1966
19660077177	Studies in double focusing mass spectrometry Technical report, Jan. 1964 - Apr. 1965	1966
19660077178	Structural studies of bearing steel undergoing cyclic stressing Second summary report	1966
19660077179	Oscillations in the plasma sheath	1966
19660077180	Operational specification for computer directed training in intermediate query language, model II, for system 473L, U. S. Air Force Headquarters	1966
19660077181	Effect of face notches on slow-bend Kic fracture-toughness testing	1966
19660077182	Heat transfer to a gas containing a cloud of particles Semiannual status report no. 8, 1 Dec. 1965 - 31 May 1966	1966
19660077183	Development of pressure transducer with direct digital output Fourth quarterly progress report, 1 Feb. - 30 Apr. 1966	1966
19660077184	Meteor research program Progress report no. 1, Jan. 1 - May 31, 1966	1966
19660077185	ESS emplaced scientific station. Volume 2 - Summary report	1966
19660077188	The energy balance of the atmosphere during a sudden stratospheric warming	1966
19660077189	An evaluation of new high performance fibers for structural composites	1966
19660077190	Experimental investigations on medium strength weldable Al-Zn-M6 alloys Final technical report, 1 Feb. 1965 - 31 Jan. 1966	1966
19660077191	The thirteenth Meeting of International Standardization Organization Technical Committee 45-Rubber	1966
19660077193	16-inch HARP work at Rock Island Arsenal Summary report, Jul. 1964 - Mar. 1966	1966
19660077199	A one-transistor video amplifier with a variable-gain range of 86 decibels	1966
19660077203	Demonstration of a solid-propellant-motor malfunction-detection and combustion- termination system Monthly status letter report, 1-31 Jan. 1966	1966
19660077204	Design of bonded sandwich intertank structure for Saturn V vehicle Monthly progress report no. 25, 1-31 Dec. 1965	1966
19660077206	SiB polymer development Quarterly report, Feb. 1 - Apr. 30, 1966	1966
19660077207	Simulated laboratory to protuberance experiment	1966
19660077209	Systematic investigations of geodetic networks in space Annual technical report, 1 Feb. 1965 - 31 Jan. 1966	1966
19660077211	Crater studies. Project Air Vent Final report	1966
19660077212	Study of attitude change toward equipment design. Altimeter display preference change as a function of performance feedback	1966
19660077216	SKMR-1 design construction and testing Summary report	1966
19660077217	PARL program committee meeting	1966
19660077218	Optical properties of indium arsenide in the infrared region	1966
19660077219	Minutes of the Air Force /protective and survival/ personal equipment advisory group	1966
19660077220	Fundamental studies in electrochemistry Quarterly progress report, 15 Dec. 1965 - 14 Mar. 1966	1966
19660077221	Valuation and its disturbances from the standpoint of psychiatry	1966
19660077222	Synthetic spectrum radar modification and measurement program Third quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660077224	High-frequency backscatter from terrain with trees Technical report no. 128	1966
19660077225	High power gas laser research Interim engineering report, 1 Jan. - 31 Mar. 1966	1966
19660077226	Problems in partition theory and related topics Final technical report, 1 Mar. 1965 - 28 Feb. 1966	1966
19660077227	Physical and chemical properties of lubricants Final report, Nov. 1, 1964 - Oct. 31, 1965	1966
19660077229	Temperature coefficient of resistance in thin metal films	1966
19660077230	Photosensitized decomposition of hydroperoxides Status report, Feb. 1 - Jul. 31, 1966	1966
19660077234	Phosphonitrilic polymers stable at high temperatures First quarterly report, Nov. 1, 1965 - Jan. 31, 1966	1966
19660077235	Production of high energy electrical impulses with an MHD generator Quarterly technical summary report, 1 Feb. - 30 Apr. 1966	1966
19660077236	A theoretical investigation of aerosol flashing Annual progress report, Feb. 1, 1965 - Jan. 31, 1966	1966
19660077237	Test and evaluation of the improved Kalvar Printer/Processor, type EN-85A Final report	1966
19660077238	Tectonic features of the earth's crust and upper mantle Semiannual technical report, 22 Feb. 1965 - 22 Feb. 1966	1966
19660077239	Toggle switches for use in aircraft electric printed circuits Final report	1966
19660077240	Thermal contact resistance. Volume I - A review of the literature, 1 Jan. 1964 - 1 May 1965	1966
19660077241	Thermally stable polymers for electrical and electronic applications Quarterly progress report, Feb. 1 - Apr. 30, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077243	Flight test of LM-119A aerial film delivery container on A-4, A-6, and F-4 aircraft First interim report, 8 Oct. 1964 - 3 Mar. 1966	1966
19660077246	Adaptive digital communications techniques Third quarterly progress report, 16 Dec. 1965 - 15 Mar. 1966	1966
19660077248	Validation of the energy-maneuverability theory. Optimum flight path for F-105D AIRCRAFT Final report, 18 Sep. - 18 Dec. 1964	1966
19660077249	TACAN T33 IDS installation	1966
19660077252	Intake flow and fan performance measurements at high thrust loadings in inclined flow	1966
19660077253	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, Nov. 20, 1965 - Feb. 20, 1966	1966
19660077254	Development of manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering progress report no. 1, 17 Feb. - 30 Apr. 1966	1966
19660077255	Diffusion of toxic exhaust products from Titan IIIC solid rocket motors	1966
19660077256	Lasers and their effects Annual progress report, 1 Mar. 1965 - 20 May 1966	1966
19660077257	Dynamic behavior of infrared gas analyzer	1966
19660077258	Fatigue-cracked cantilever-beam stress- corrosion tests of HY-80 and 5Ni-Cr-Mo-V weldments	1966
19660077259	The electro-optical system as an aid to aerial detection and identification of ground targets. Flight-test evaluation of a forward-looking television system controlled from aircraft cockpit	1966
19660077262	Optimal nonlinear filtering	1966
19660077263	Optical transmission of the atmosphere in Hawaii II /sky radiation and degree of polarization/ Final technical report, Sep. 1964 - Nov. 1965	1966
19660077264	On the numerical prediction of hurricane trajectories with vertically averaged wings	1966
19660077266	Optical astronomy package - Feasibility study for Apollo applications program, Volume I Final report	1966
19660077267	Optical astronomy package - Feasibility study for Apollo application program, Volume II Final report	1966
19660077268	Optical astronomy package - Feasibility study for Apollo application program Summary	1966
19660077270	A numerical simulation of long-range atmospheric diffusion of particulate material	1966
19660077275	Standardization studies with the repetitive psychometric measures. III - Determining the effects of ability and practice on level of performance	1966
19660077276	Some notes on bandpass filters	1966
19660077282	The growth of single crystals of doped and undoped yttria and yttrium aluminate in a hollow cathode zone refiner First quarterly progress report	1966
19660077283	The change in momentum of a two-dimensional, incompressible, turbulent jet due to a wire screen normal to the flow	1966
19660077284	Cine-radiography of the casting of steel	1966
19660077289	Nonperpendicular illumination of ultrasonic cells	1966
19660077290	An investigation of the dynamic behavior of a partially saturated silt with applications to shock-wave propagation Technical report, Dec. 1964 - Mar. 1965	1966
19660077293	Geomagnetic measurements in the Pacific Ocean aboard USNS Charles H. Davis /AGOR-5/, 1964	1966
19660077294	Thermal deformations of plates produced by temperature distributions satisfying Poisson's equation	1966
19660077299	Remote temperature sensor and measurement telemetry system	1966
19660077301	Surface burst of 500-ton TNT hemispherical charge /1964/. Project no. 4 - Thermal measurements	1966
19660077304	Relativistic continuum mechanics Technical report	1966
19660077306	Saturn S-IB stage, final static test report stage S-IB-5	1966
19660077309	NASA/USAF liquid propellant blast hazards program Project Pyro quarterly progress report, period ending 31 Mar. 1966	1966
19660077310	NASA/USAF liquid propellant blast hazards program Project Pyro monthly progress report, period ending 30 Apr. 1966	1966
19660077312	Nominal flight and sensitivity data Technical memorandum no. 6	1966
19660077314	Hot-pressing kinetics of magnesium aluminate in vacuum	1966
19660077315	An investigation of the earth's horizon in the infrared	1966
19660077316	Investigation of the ignition and combustion of metal wires First annual report	1966
19660077317	ESS emplaced scientific station. Volume 3 - Research and technology implications	1966
19660077319	Electromagnetic guidance study	1966
19660077320	Acceptance tests of the Saturn V hydrodynamic supports-system lateral and vertical damping, phase III	1966
19660077322	Ignition of solid rocket propellant surfaces Quarterly progress report no. 1, Apr. 6 - Jul. 5, 1966	1966
19660077324	Modular nuclear vehicle design. Volume II - Nuclear propulsion module design	1966
19660077326	Mathematical models of information systems First interim technical report	1966
19660077327	Prediction of the ablative material performance on a Scout entry vehicle Final report no. 66-4	1966
19660077328	High power microwave components in oversized waveguide Technical progress report no. 1, 16 Mar. - 16 Sep. 1965	1966
19660077329	Investigation of current-voltage and flow characteristics of an electric discharge across the exit of the AFFDL 1-Mw arc air heater Final technical report	1966
19660077330	Integrated VHF amplifier development Final technical report, 5 Nov. 1964 - 31 Jan. 1966	1966
19660077331	Investigation of new concepts and linear beam techniques for microwave generation First quarterly technical report, 1 Oct. - 31 Dec. 1965	1966
19660077332	Turbulent cavity flow investigation at Mach numbers 4 and 8	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077334	Response of a burning propellant surface to erosive transients Final scientific report, 1 Jan. - 31 Dec. 1965	1966
19660077335	Catalyzed enhancement of chemi-ionization in atomic N and O mixtures	1966
19660077336	Full-scale dynamic crash test of a small observation type helicopter Final technical report	1966
19660077337	Process development for precision forging columbium base alloys Interim engineering progress report, 10 May 1965 - 10 May 1966	1966
19660077338	Radar scattering investigation First interim technical report, 30 Jun. - 31 Dec. 1965	1966
19660077339	Crystal structure analysis of dimolybdenum carbide Technical report, Nov. 1964 - Nov. 1965	1966
19660077340	Chemi-ionization in the reaction between C ₂ Fy and atomic nitrogen-atomic oxygen mixtures	1966
19660077342	Applications report on a tunable X-band coaxial magnetron Technical report, 1 - Jul. 1964 - 1 Oct. 1965	1966
19660077343	Acceleration of cesium ions by means of a negative space-charge sheath	1966
19660077344	Application of fracture mechanics to thermal shock	1966
19660077345	Graph-theoretic foundations of linear, lumped, finite networks Fourth technical report	1966
19660077346	On some properties of representations of transfer functions by phase-angle loci	1966
19660077347	Search radar performance degradation Final report	1966
19660077349	Fault diagnosis by white noise techniques Final report, 15 Feb. 1965 - 28 Feb. 1966	1966
19660077350	Experimental evaluation of the Titan III TRANSTAGE engine combustion stability characteristics Final report, Nov. 1964 - Jun. 1965	1966
19660077351	Investigation of optical measuring techniques with laser Final report, May 1964 - Mar. 1966	1966
19660077353	High resolution rapidly programmable masking for functional electronic blocks, phase II Interim technical report	1966
19660077354	Extra wide tire development Final technical report, Nov. 1964 - Apr. 1965	1966
19660077355	Laboratory investigation of thermal damage to heat shield materials Final report, Apr. 15 - Oct. 15, 1965	1966
19660077356	Hot wire physics and turbulence measurements in liquid Final report, Oct. 1, 1963 - Oct. 1, 1965	1966
19660077357	Refractory metals coatings by chemical vapor deposition Fourth interim engineering progress report, 15 Feb. - 15 May 1966	1966
19660077358	Exploratory development program to prove the feasibility of solid state switching for a complex electrical control network Quarterly progress report no. 2, 1 Mar. - 31 May 1966	1966
19660077361	Digital spatial filtering	1966
19660077362	Development and evaluation of the diffusion bonding process as a method to produce fibrous reinforced metal matrix composite materials Interim engineering progress report, 15 Feb. - 15 May 1966	1966
19660077363	Determinations of lattice distortions from the shape of X-ray lines	1966
19660077364	Development of a 1 watt, 2 GHz silicon UHF power transistor Second quarterly report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660077365	Derivation of aerospace antenna coupling- factor interference prediction techniques Final report, 1 Feb. 1962 - 15 Nov. 1965	1966
19660077366	Process development for high strength titanium tubing Interim engineering progress report, 30 Jun. 1965 - 31 Mar. 1966	1966
19660077367	The PUFF 66 and P PUFF 66 computer programs Technical report, Jul. 1965 - May 1966	1966
19660077368	Perfluorinated aromatic compounds Summary technical report, 1 Jan. - 30 Nov. 1965	1966
19660077369	Perfluoroaromatic intermediates	1966
19660077370	Model compounds and polymers	1966
19660077371	Fluids	1966
19660077372	Fluorocarbon fluids	1966
19660077373	Fluorinated heterocyclic compounds	1966
19660077374	Packing of multicomponent mixtures of ammonium perchlorate and aluminum powders	1966
19660077375	HF channel data error statistics description /II/	1966
19660077376	F-5A category II supplementary stability and control test	1966
19660077377	Laser /optical maser/ beam fusion welding Interim engineering progress report, 1 Feb. - 30 Apr. 1966	1966
19660077379	A theoretical study of the conical spiral antenna Technical report no.	1966
19660077380	The hydrothermal growth of zinc oxide crystals Interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660077381	Lithium anode limited cycle battery investigation Quarterly technical progress report no. 5	1966
19660077382	Individual performance, R-R theory and perception	1966
19660077383	High voltage breakdown study Fifth quarterly progress report, 16 Nov. 1965 - 15 Feb. 1966	1966
19660077384	Host sensitization in rare earth fluoride laser materials Interim technical report, 1 Feb. - 29 Apr. 1966	1966
19660077385	Stage I Minuteman /M55A1/ production support Final report, 1 Jul. 1964 - 15 Sep. 1965	1966
19660077386	Equilibrium studies of refractory nitrides Quarterly progress report, 1 Feb. - 30 Apr. 1966	1966
19660077387	Growth of single crystals of ZrO ₂ and HfO ₂ from PbF ₂	1966
19660077388	Research and development investigation of a precision digital frequency synthesizer for SSB Final engineering report, 1 Jul. 1964 - 1 Dec. 1965	1966
19660077389	Course of the reaction in a detonation wave of a mixed high explosive	1966
19660077390	Study and investigation leading to the design of broadband high power klystron amplifiers Second quarterly report, 1 Sep. - 30 Nov. 1965	1966
19660077391	Laser inflight obstacle detection device Quarterly report, 1 Oct. - 31 Dec. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077392	Low-noise L-band /wideband/ transistor amplifier Quarterly technical report no. 7, 1 Dec. 1965 - 28 Feb. 1966	1966
19660077393	Dispersion properties of linear dipole arrays Technical report no. 2	1966
19660077394	A study to improve the low-level meteorological simulator Final report, 1 Dec. 1962 - 31 Jan. 1966	1966
19660077395	Development of manufacturing processes for a lightweight heat transfer system Interim engineering progress report, 1 Feb. - 30 Apr. 1966	1966
19660077396	Research on new concepts in energy conversion Quarterly technical progress report, 1 Mar. - 31 May 1966	1966
19660077397	Development and evaluation of forging parameters in the manufacture of conical beryllium structural shapes Interim engineering progress report, 1 Feb. - 30 Apr. 1966	1966
19660077398	Burnout resistant X-band hot carrier detectors Quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660077399	Infrared detectors and detector material Interim report, 1 Mar. - 31 May 1966	1966
19660077400	Biaxial-fracture strength of brittle materials Summary report, 1 May 1965 - 31 Mar. 1966	1966
19660077401	Unified performance theory for V/STOL AIRCRAFT in equilibrium level flight	1966
19660077402	Study of stress concentrations at the ends of solid propellant grains subjected to restrained shrinkage Final report	1966
19660077403	Process evaluation for large solid motor cases, internal roll-extruded, using HP 9-4 alloy Interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660077404	Evaluation of Stellite 19 high temperature bearings Final report, 1 Jan. - 15 Apr. 1964	1966
19660077405	Far infrared interferometry - Upper limit for linewidths for the pure rotational band of carbon monoxide	1966
19660077406	Viscoelastic properties of solid propellants and propellant binders Final technical summary report, Jul. 1, 1961 - Apr. 15, 1966	1966
19660077407	Dynamic shear properties	1966
19660077408	Dependence of specific volume on pressure, temperature, and time	1966
19660077409	Tensile properties at constant strain rates	1966
19660077410	The measurement of small phase angles in the subaudio frequency range	1966
19660077411	Theoretical considerations of the effect of lateral compression on the dynamic shear moduli of rectangular specimens	1966
19660077412	Tabulation of dynamic moduli of polyurethane propellant AEBA-10	1966
19660077413	Transducer equations for the dynamic shear tester	1966
19660077414	Physical characteristics of confining fluids used in dilatometric experiments	1966
19660077415	Studies of the effective gage length of JANAF and end-bonded tensile specimens	1966
19660077416	Propellants studied	1966
19660077417	The Yagi-Uda aerial - A short design review and bibliography	1966
19660077425	Hot-electron millimeter devices Progress report no. 3, 1 Dec. 1965 - 28 Feb. 1966	1966
19660077427	Nanosecond pulse breakdown Final report	1966
19660077432	Development of manufacturing methods for improved delay lines Interim engineering progress report, 1 Jan. - 31 Dec. 1965	1966
19660077433	Research on multiple-idler 35-GHz parametric downconverter pumped below the signal frequency Final report	1966
19660077434	PAD propellants for use at high temperatures. Part III. Evaluation of extrudable, heat-resistant, composite propellant for minus 65 deg to 400 deg F exposure Technical research report, Mar. 1961 - Jan. 1963	1966
19660077437	Outline for the Stellar Inertial Technology Guide	1966
19660077440	Solid state techniques for modulating optical waves Quarterly report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660077441	Laboratory of Molecular Structure and Spectra Technical Report, 1965	1966
19660077442	Potential energy curve for the B 1 sigma plus over u state of the hydrogen molecule	1966
19660077443	A vibrational-rotational study of the electronic ground state of the hydrogen molecule	1966
19660077444	Vibronic energy and dipole moment of HD	1966
19660077445	The spectrum and structure of the He2 molecule. IV. Characterization of the singlet and triplet states associated with the UAO'S 3dsigma, 3dpi, and 3ddelta	1966
19660077446	Digital computer program for determining the effect of high-level rf exposure on missile systems	1966
19660077448	Night vision system utilizing infrared quantum counters Interim technical report, 1 Apr. 1965 - 31 Mar. 1966	1966
19660077449	Elastic-plastic wave in a half-space of a linearly work-hardening material for coupled shear loadings	1966
19660077450	Response of rigid viscoplastic circular and square plates to dynamical loading	1966
19660077451	Investigation of rotary actuation technique Quarterly technical report	1966
19660077452	Advanced thin-film solar cells Quarterly technical report, 1 Mar. - 31 May 1966	1966
19660077453	Uniform representation of geometrical optics fields near a caustic	1966
19660077454	Description of a continuing program on tables of thermophysical properties of materials	1966
19660077455	Electrochemical oxidation of saturated hydrocarbons Interim technical report, 1 Nov. 1965 - 31 Mar. 1966	1966
19660077456	Gunn effect devices First quarterly technical report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660077457	Fabrication of fansteel 85 metal sheet Final report, 24 Jun. - 24 Dec. 1965	1966
19660077458	Experimental review of transonic spillage drag of rectangular inlets Final report, Apr. 1965 - Apr. 1966	1966
19660077465	Optimal transfers between elliptical orbits	1966
19660077466	Quality assurance test number VI-QA-54 /SIMULATED high altitude test/ /U/ Final report	1966
19660077468	Signature program for surface targets /U/ Quarterly report, 1 Jan. - 31 Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077469	Bottom reflection losses for Forward Area Sonar Research /FASOR/ cruise I /U/ Research report, Mar. - Sep. 1965	1966
19660077476	Structural evaluation of refractory-material leading edges for hypersonic missiles /U/ Final report, 1 Apr. 1965 - 1 Apr. 1966	1966
19660077478	Validation of the energy-maneuverability theory - Optimum flight path for the F-4C AIRCRAFT /U/ Final report, 13 Sep. 1965 - 21 Jan. 1966	1966
19660077485	Research and exploratory development for the Missile Guidance and Airframe Branch, Naval Weapons Support Activity /U/ Quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660077486	Research and development programs Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660077487	Hypersonic configuration study	1966
19660077488	Hypersonic gun tunnel	1966
19660077489	Plasma flow in a multipole field	1966
19660077490	Propulsion Research Laboratory	1966
19660077491	Hydrogen jet penetration studies /analysis/	1966
19660077493	Satellite navigation studies Progress report, 1 Apr. - 30 Jun. 1966	1966
19660077494	Dynamic response to sonic booms of structural elements loosely bound to their supports Semiannual report no. 2	1966
19660077495	Synergistic effect of zero-G and radiation on white blood cells - An experiment for the Gemini III manned space flight Annual report	1966
19660077496	Solution of the frozen flow energy equation Status report	1966
19660077497	Evaluation of available systems required for chemical and radioactivity analysis Status report	1966
19660077498	Study of crossed-field amplifiers Quarterly progress report, 16 Sep. - 15 Dec. 1965	1966
19660077499	Shielded-gun low-noise amplifier	1966
19660077500	Noise-figure studies on forward-wave crossed- field amplifier	1966
19660077501	Cathode region studies	1966
19660077502	Second-order corrections to the first-order crossed field sheet beam flow	1966
19660077503	Crossed-field interactions of EM and sound waves with current carriers in solids	1966
19660077504	Theoretical and experimental investigations of high energy solar flare radiation Semiannual status report, 11 Feb. - 31 Jul. 1966	1966
19660077505	Process and analyze space radiation data obtained with APL radiation detectors aboard various satellites Status report, 1 Apr. - 30 Jun. 1966	1966
19660077506	The determination of creep-induced structural changes by differential density measurements	1966
19660077507	Full-scale simulated altitude investigation of the Centaur-payload surface and functional degradation resulting from the Saturn S-IVB retro rocket exhaust contaminants	1966
19660077508	ORL experiment program. Volume A. Framework for synthesis	1966
19660077509	ORL experiment program. Volume B. Part II - Agriculture/forestry	1966
19660077510	ORL experiment program. Volume B. Part II - Geology/hydrology	1966
19660077511	ORL experiment program. Volume B. Part III - Oceanography/marine technology	1966
19660077512	ORL experiment program. Volume B. Part IV - Geography	1966
19660077513	ORL experiment program. Volume B. Part V - Atmospheric science and technology	1966
19660077514	ORL experiment program. Volume B. Part VI - Communications and navigation/traffic control	1966
19660077515	ORL experiment program. Volume B. Part VII - Biomedicine/behavior	1966
19660077516	ORL experiment program. Volume B. Part VIII - Advanced technology and supporting research	1966
19660077517	ORL experiment program. Volume B. Part IX - Operations techniques and advanced missions spacecraft subsystems	1966
19660077518	ORL experiment program. Volume B. Part X - Extravehicular engineering activities	1966
19660077519	ORL experiment program. Volume B. Part XI - Astronomy/astrophysics	1966
19660077520	ORL experiment program. Volume B. Part XII - Bioscience	1966
19660077521	ORL experiment program. Volume B. Part XIII - Physical science	1966
19660077522	ORL experiment program. Volume C. Guidelines for comprehensive flight program	1966
19660077523	ORL experiment program. Volume C. Annex 1 - Guidelines for comprehensive flight program	1966
19660077524	ORL experiment program. Volume C. Annex 2 - Guidelines for comprehensive flight program	1966
19660077525	ORL experiment program. Volume D. Summary of results	1966
19660077526	ORL experimental program. Volume E. Bibliographical references for illustrations and tables	1966
19660077527	Photochemical processes in explosion of ozone Third quarterly report, period ending 28 May 1966	1966
19660077528	Generation of a two-dimensional silicon carbide lattice Final report, Aug. 1964 - Jul. 1965	1966
19660077529	Low loss microwave acoustic transducer study Interim technical report no. 3, 15 Sep. - 15 Dec. 1965	1966
19660077530	Electronically steered radar research program Annual report, 1965	1966
19660077535	Study of the mechanics of non-Newtonian fluids Fourth quarterly status report, period ending 26 Jun. 1966	1966
19660077536	Statistical determination of crosswind magnitudes normal to an arbitrary reference	1966
19660077545	Ceilometer photocell test unit	1966
19660077548	Simulated V/STOL aircraft operation utilizing F-100D aircraft. Supplement 1 - Sensitivity study of V/STOL conversion factors /U/ Final report	1966
19660077550	Advanced Design Array Radar /ADAR/ COMPONENT study /U/ Supplement to final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077551	Feasibility study on high performance, short duration power batteries /U/ Quarterly technical progress report, Dec. 15, 1964 - Mar. 15, 1965	1966
19660077553	Design study and development of a reusable electrochemical timing cell /U/ Summary report final, 28 Jun. 1965 - 28 Feb. 1966	1966
19660077554	Command guidance missile tracking source /U/ Final technical report	1966
19660077555	Fixed antenna guidance techniques study /U/ Final report	1966
19660077557	IR detector research /U/ Interim technical report, 14 Feb. - 14 May 1966	1966
19660077560	Intrinsic infrared detector research /U/ Technical report, Feb. 15, 1965 - Feb. 14, 1966	1966
19660077561	The hybrid pneumatic multirail rocket system /U/	1966
19660077566	Vibration and acoustic analysis Saturn S-IB 202 static test	1966
19660077568	The arc form of a noble gas high pressure discharge	1966
19660077569	On the design of radiators for space vehicles	1966
19660077570	Thermionic reactors as energy supply of spacecraft	1966
19660077571	Manufacture of Synthetic Fiberglass Vessels for High Pressures	1966
19660077572	Electron-ion recombination processes in a nonequilibrium plasma	1966
19660077573	Wegscheider's thermodynamic paradox	1966
19660077574	Boundary layer between plasma and solid wall	1966
19660077575	Nuclear space power units without convective heat transfer	1966
19660077576	Low-temperature effects of fast neutrons on metals with body-centered cubic structure	1966
19660077577	Theory of heat conduction of a plasma	1966
19660077578	Radiation chemistry of synthetic polymers in the solid state	1966
19660077579	High temperature energy conversion - Research topic for technological institutes /ques/	1966
19660077580	Computation of the temperature distribution and characteristics of a cylindrical nitrogen arc	1966
19660077581	New technologies and the utilization of space research	1966
19660077582	On the dynamic contact angle in the case of complete wetting	1966
19660077583	A study of the oxidation of pure silicon carbide powders	1966
19660077584	The influence of contraction on the temperature and field strength at the cathode	1966
19660077585	Energy conversion at high temperatures with nuclear reactors as heat sources	1966
19660077586	Dynamic pressure calibration	1966
19660077587	Parameter studies on thermal reactors with thermionic converters	1966
19660077588	A rapid method for the investigation of solid phase - Gas reactions	1966
19660077589	Reaction of lifting jets on a vertical takeoff craft at ground-level hovering flight	1966
19660077591	Parameter study of fast reactors with thermionic converters in the fission zone /SRIKT system/	1966
19660077592	Influence of the surface concentration of hydrogen on the threshold of electric microdischarges in vacuum	1966
19660077593	Initiation of electric discharges in a vacuum	1966
19660077594	On the feasibility of electromagnetic pumps in space vehicles	1966
19660077595	Experimental investigations on cylindrical noble-gas-filled converters for a thermionic reactor	1966
19660077596	Kinetic theory of molecular radiometric force and radiometer	1966
19660077597	Theoretical studies of detonation Final report, Nov. 1964 - Dec. 1965	1966
19660077600	The identification and origin of the volatile components of a freshly milled mixture of nitroso rubber and carbon black	1966
19660077602	Aspects of geological sampling at test sites	1966
19660077604	Potential time-cost benefits from use of orbital-height photographic data in cartographic programs	1966
19660077605	Preliminary details of sampling locations at NASA Sonora Pass Test Site, California	1966
19660077606	Small space telescope for cooperative use by geologists and astronomers Progress report, Mar. 1 - Jun. 1966	1966
19660077607	Research on vibratory gyroscopes Final report	1966
19660077608	Spectra and cross-spectra of metabolic rhythms in inbred C mice Semiannual report, Jan. 1 - Jun. 30, 1966	1966
19660077609	Evaluation of ektachrome and multiband photography in Caliente Range, California	1966
19660077610	Investigation of radar and microwave radiometric techniques for geoscience experiments which may be carried out in manned orbiting spacecraft Quarterly progress report, 1 Dec. 1965 - 30 May 1966	1966
19660077611	An investigation of gravity level preference and the effects of gravitational forces on small animals and primates, and of techniques for related space flight experiments	1966
19660077612	Space programs Quarterly report, Apr. - Jun. 1966	1966
19660077613	Multispectral photographic experiment based on a statistical analysis of spectrometric data Semiannual status report, Jan. 1 - Jun. 30, 1966	1966
19660077614	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 10 - Reliability Final report	1966
19660077615	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 2 - Mobility systems. Part 3 - Conceptual design	1966
19660077616	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 11 - Systems specifications Final report	1966
19660077617	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 5 - Astrionics system. Part 1 - Communication Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077618	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 9 - Systems analysis Final report	1966
19660077620	Similar second order incompressible laminar boundary layers	1966
19660077621	Parachutes for escape systems	1966
19660077622	Research and development on the effect and control of chatter vibrations in machine tool processes Interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19660077623	Experimental program to determine effect of crack buckling and specimen dimensions on fracture toughness of thin sheet materials	1966
19660077625	Apollo/Saturn IB consolidated instrumentation plan for AS-203	1966
19660077626	Investigation of turbulent separated flows in the vicinity of fin-type protuberances at supersonic Mach numbers	1966
19660077627	The asymmetrical gyroscope	1966
19660077628	Wave functions and transition probabilities in the Mg I atom, part III	1966
19660077630	Wave functions and transition probabilities of the Mg I atom, part I	1966
19660077631	Wave functions and transition probabilities of the photoelectrons of the Mg I atom, part II	1966
19660077632	Wave functions of the neutral calcium atom	1966
19660077633	Error estimations for given initial values of systems of ordinary first order differential equations	1966
19660077640	Reusable aerospace passenger transport launch mode comparison study /U/	1966
19660077641	Design study of heat sterilizable solid rocket motors for space application, volume II. Appendix I - Propellant data sheet, TP-H-3105, sterilization effect on propellant /U/ Final report	1966
19660077647	Atmospheric static electricity warning system	1966
19660077649	Free-flight measurements of the zero-lift rolling effectiveness of an air-jet spoiler on a highly-swept wind /M equals 0.87 to 1.4/	1966
19660077652	On the errors induced at tunnel reference pressure tapings by high lift models	1966
19660077653	Digital simulation of traffic flow with application to railway train movements	1966
19660077658	Saturn IB improvement study /Solid first stage/ Phase II Final detailed report	1966
19660077659	Saturn IB improvement study /Solid first stage/ Phase II Research and technology report	1966
19660077660	Saturn IB improvement study /Solid first stage/ Phase II Final summary report	1966
19660077664	The low Reynolds number variable density flow around a spherical particle	1966
19660077667	Development of techniques for vapor-plating passive film components on silicon integrated circuit wafers Interim engineering report, 27 Sep. - 26 Dec. 1965	1966
19660077669	Digital transmission error control - High measurement and analysis program for frequency communication system Final report	1966
19660077670	Digital transmission error control - Measurement and analysis program for wideband communication system Final report	1966
19660077671	Digital transmission error control - Measurement and analysis program for high frequency communication system Summary report	1966
19660077672	The design and performance of pressure- scanning switches employing O-ring sealing	1966
19660077675	Scout A.H. Mk. 1. Evaluation of G4F COMPASS installation	1966
19660077676	The evaluation of cast-in-place interlayer materials for aircraft transparencies	1966
19660077685	James, Pond and Clark, Inc. relief valve, part number D559T1-12D-4 Test report	1966
19660077686	Correlation of analytical and experimental data for performance of rocket engines under altitude conditions /U/	1966
19660077706	Study and investigation leading to the design of a variable time delay traveling wave tube Interim report, 25 Jun. 1965 - 25 Jan. 1966	1966
19660077707	Research and development work on development of thin organic rolled film capacitor Quarterly progress report, Nov. 1, 1965 - Jan. 31, 1966	1966
19660077708	Finite slump deformations in vertical, infinitely long, hollow, nonlinearly viscoelastic cylinder externally case-bonded to an elastic tank	1966
19660077709	Compact antenna range techniques Final report, Dec. 1964 - Nov. 1965	1966
19660077710	Investigation of the electrode migration and reaction process occurring in alkaline-zinc batteries Quarterly technical progress report, 1 Mar. - 1 Jun. 1966	1966
19660077711	Approximate thermodynamic functions for the NO-2/g/ ion	1966
19660077712	Development of controllable selective amplification in silicon-based microcircuitry Interim report, Feb. 15 - May 15, 1966	1966
19660077713	Electrode passivation studies Quarterly report, Mar. 1 - May 31, 1966	1966
19660077714	Effect of tuned dampers on vibrations of cantilever beams Summary report, Jun. - Dec. 1965	1966
19660077715	Development of joining processes for titanium foils Interim engineering progress report, 1 Feb. - 15 May 1966	1966
19660077716	Development of the meteorological measuring set AN/TMQ-22 /XE-3/ Final report, 15 May 1965 - 28 Feb. 1966	1966
19660077717	Kinetics of combustion product reactions involving chlorine and fluorine exchanges, 1 July 1965 - 1 February 1966	1966
19660077718	Flexible integrated solar cell array Fourth quarterly report, 1 Mar. - 1 Jun. 1966	1966
19660077719	Doppler-tolerant signal waveforms	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077720	Preliminary description radar countermeasures simulator AN/GPA-98 Interim report, Nov. 1965 - Feb. 1966	1966
19660077721	The pure rotational spectrum of water vapor - Calculated frequencies and relative intensities, June 1965 - February 1966	1966
19660077722	Optimum lifting bodies in hypersonic viscous flow, November 1965 - February 1966	1966
19660077723	Rate of growth of magnesium oxide deposits formed by surface reaction of magnesium vapor and oxygen	1966
19660077724	Photo-oxidation of perfluoroethyl iodine and perfluoro-n-propyl iodine, 1 July 1965 - 1 March, 1966	1966
19660077725	Solid state phase shifter Final report, Apr. 1965 - Feb. 1966	1966
19660077726	Wind tunnel tests of a modified dual rail blast sled at supersonic Mach numbers	1966
19660077727	Avalanche multiplication as a gain mechanism in photodiodes	1966
19660077728	Adiabatic piezo-optic coefficients of liquids	1966
19660077729	Wind tunnel tests on a nacelle fitted with two lifting fans in tandem	1966
19660077730	The influence of a low velocity layer on the reflectivity from the sea floor	1966
19660077731	Stress distribution and deformation in a twisted blade under combined tension and torsion	1966
19660077733	A selected bibliography for air-to-ground target detection	1966
19660077734	Force tests on the Sandpiper target missile at Mach numbers 1.5 through 4	1966
19660077735	Communications and Miscellaneous Branch report on IR binoculars XM 18, project no. AT/1122	1966
19660077736	Cesium beam tube research Final report, 2 Jan. - 31 Dec. 1965	1966
19660077737	Acquisition techniques for electro-optical surveillance Final report, May 1965 - Apr. 1966	1966
19660077738	Buckling in circular plastic cylinders	1966
19660077739	Directivity patterns of plane radiators, line radiators with nonuniform amplitude distribution, and the semicircular line	1966
19660077740	Hybrid film microcircuit reliability study for tape control unit Final development report, 1 Jan. 1965 - 30 Jun. 1966	1966
19660077743	Heterojunction device concepts Interim technical report no. 4, 1 Nov. 1965 - 31 Jan. 1966	1966
19660077746	Analysis of an orbital "hard" rendezvous concept Final report, Apr. - Dec. 1965	1966
19660077747	Corona onset voltage of insulated and bare electrodes in rarefied air and other gases Final report, Jul. - Dec. 1965	1966
19660077748	New ablative plastics and composites, their formulation and processing Summary report, Feb. 1965 - Feb. 1966	1966
19660077749	Grinding ratios for aerospace alloys	1966
19660077750	Empirical model of pressure, temperature, and air density at constant altitude intervals, Kwajalein test site, Kwajalein, Marshall Islands	1966
19660077751	Heterogeneous reaction processes in metal combustion	1966
19660077752	Solid state diffusion bonded tantalum alloy honeycomb panels Interim engineering progress report, 1 Mar. - 31 May 1966	1966
19660077753	Electromagnetic coupling reduction techniques First quarterly report, 16 Nov. 1965 - 15 Feb. 1966	1966
19660077754	Light modulation recording techniques evaluation	1966
19660077755	Ion implantation junction techniques Quarterly technical progress report, 26 Jan. - 30 Apr. 1966	1966
19660077756	Behavior of nozzle materials under extreme rocket motor environments Quarterly progress report, Mar. - May 1966	1966
19660077758	The calculation of three-dimensional turbulent boundary layers. 1 - Flow over the rear of an infinite swept wing	1966
19660077760	Nucleonic mass flow principles Second quarterly progress report	1966
19660077762	An evaluation of the kinetic and chemical reactions that occur in the degradation of the Apollo heat shield Final report	1966
19660077764	Asynchronous resample error study Final report	1966
19660077765	An active seismic experiment as part of the Apollo Lunar Surface Experiments Package Engineering report no. 1	1966
19660077766	Silent, 3.75 Kw liquid hydrocarbon-air fuel cell powerplant. Volume II - Figures and tables Final technical report, 18 Mar. 1965 - 18 Mar. 1966	1966
19660077768	Silent, 3.75 Kw liquid hydrocarbon-air fuel cell powerplant. Volume I - Text Final technical report, 18 Mar. 1965 - 18 Mar. 1966	1966
19660077769	High rate /5 min/ missile battery program Final report, 15 Jun. 1965 - 18 Mar. 1966	1966
19660077770	Improved communication techniques Final report, Apr. 1965 - Apr. 1966	1966
19660077771	Nuclear magnetic resonant frequency tuning Final report	1966
19660077772	Study of contact failures in semiconductor devices Final report	1966
19660077773	Honeycomb ceramic radome techniques Quarterly report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660077774	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report no. 5, 1 Mar. - 31 May 1966	1966
19660077777	Thin film photovoltaic cell array investigation Quarterly technical report no. 4, 1 Mar. - 31 May 1966	1966
19660077778	Optimum frequency detection techniques Final report	1966
19660077779	Manufacturing methods for epitaxially growing gallium arsenide-gallium phosphide single crystal alloys Interim engineering progress report, 1 Mar. - 31 May 1966	1966
19660077780	Development of manufacturing methods for TIG WELDING Final report, 1 Sep. 1965 - 1 Apr. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077781	Photoresist technology improvement. Part I - Photopolymerization mechanisms	1966
19660077782	Non-destructive reliability screening of tantalum capacitors Final report, Dec. 1963 - Nov. 1965	1966
19660077783	Investigation of hermetically sealed maintenance-free, high rate, nickel-cadmium batteries for aircraft applications Seventh quarterly technical progress report	1966
19660077784	Solid-state laser explorations Summary report, 15 Feb. 1965 - 14 Feb. 1966	1966
19660077787	Some effects of temperature and frequency on the deformation and fatigue rupture behaviour of H46	1966
19660077790	HY-130/150 weldments - Development of filter metals and joining procedures Summary report, Jun. 1963 - Dec. 1965	1966
19660077791	Non-similar radiating boundary layers Technical report no. 129	1966
19660077792	Weaving of carbon yarns and characterization of fabrics	1966
19660077793	Basic mechanisms of transient radiation effects in the thin film transistor Final report	1966
19660077794	Communications glossary	1966
19660077795	Calculations of scattering from two- dimensional and three-dimensional bodies Final report	1966
19660077796	Case studies of optimum filter-controller design in sampled data systems	1966
19660077797	An analysis of measured blast loads on swept wings at high subsonic speeds Final report	1966
19660077798	The turbulence structure of equilibrium boundary layers	1966
19660077799	A transistorized relay servo	1966
19660077800	A study of digital control design methods	1966
19660077801	Shock-tube measurements of step-blast loads on a semi-span delta wing with a double-wedge airfoil for shock-induced Mach number 1.52 Technical report, Jul. 1, 1961 - Apr. 30, 1965	1966
19660077802	Oceanographic and underwater acoustics research Progress report, 1 May - 31 Oct. 1965	1966
19660077803	An output expression for a dispersive delay pulse compression filter under arbitrary inputs	1966
19660077805	A numerical solution to the problem of moments in two independent variables Technical memorandum, Mar. 1965 - Jan. 1966	1966
19660077806	Synthesis and characterization of electronically active materials Technical report no. 5, 16 Nov. 1965 - 15 May 1966	1966
19660077808	On wing-body interference in supersonic flow	1966
19660077809	A new laser power supply	1966
19660077810	The protection of A. and A.E.E. wire and optical trace accident recorders	1966
19660077811	Research and development of a high-frequency monolithic subsystem utilizing special microcircuit fabrication techniques Final progress report	1966
19660077812	A phase lock system for a signal modulated by a PN sequence	1966
19660077813	Research studies of high-density plasmas Sixth quarterly progress report, 15 Dec. 1965 - 15 Mar. 1966	1966
19660077814	Field testing of propellants First quarterly technical report, 1 Mar. - 31 May 1966	1966
19660077815	Fluidized bed techniques for coating refractory metals Sixth interim engineering progress report, 8 Mar. - 8 Jun. 1966	1966
19660077816	Failure mechanisms in semiconductor diodes Second semiannual technical report, 4 Jul. 1965 - 3 Jan. 1966	1966
19660077817	Preferential changes in electronic materials, part I Final technical report, 1 Jun. 1965 - 1 Apr. 1966	1966
19660077818	Adaptive noise minimizer Final technical report	1966
19660077819	Adaptive modulation and error control techniques Final technical report	1966
19660077820	Broadband HF antenna development Final technical report, 15 Apr. - 15 Oct. 1965	1966
19660077821	Study of oxides for chemical separation of air into O ₂ -N ₂ components. Volume III, part 2 - Development of reactants for chemical air separator Final report	1966
19660077822	Microwave optical receiver techniques Interim engineering report, 1 Mar. - 31 May 1966	1966
19660077823	Transitions for periodic filters Final technical report, Dec. 1964 - Feb. 1966	1966
19660077824	Antenna array element study Interim technical quarterly report no. 3	1966
19660077825	Structural analysis of the stabilized platform gimbal system Summary research report, 25 Jun. 1965 - 25 Jun. 1966	1966
19660077826	Formal stability of Hamiltonian systems with two degrees of freedom	1966
19660077827	Electro-optical signal processing techniques for phased array antennas Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660077828	Evaluation of an uncooled rocket engine operating technique applicable to the experimental study of missile base heating	1966
19660077829	Extruding and drawing tantalum alloys to complex thin H-section Final technical report, 1 Jul. 1963 - 31 Jan. 1966	1966
19660077830	Methods for calculating the transient airloads on a supersonic delta wing with subsonic leading edges using aerodynamic influence coefficients	1966
19660077831	DCS network control study and analysis	1966
19660077832	Measurement of personality dimensions. Part IV - Experimental applications, section A	1966
19660077833	Measurement of personality dimensions. Part III - Computational procedures	1966
19660077836	Intermodulation distortion - A controllable parameter in the analysis of the intelligibility of clipped speech	1966
19660077839	An investigation of the effects of inlet flow density on compressor blade dynamic stress during compressor stall of a YJ93-GE-3 TURBOJET engine in an altitude test cell	1966
19660077840	Infrared detectors and detector materials Interim report, 1 Dec. 1965 - 28 Feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077841	A method for the calculation of the flow about blunt leading-edge aerofoils at sonic speed	1966
19660077842	Metals joining - Review of recent developments	1966
19660077845	Large format UV image tube development, volume III Quarterly technical report, 1 Feb. - 30 Apr. 1966	1966
19660077847	Receiver techniques for optical rendezvous radars Final report, 1 May 1964 - 31 Aug. 1965	1966
19660077848	Research on new techniques in absorption and emission spectroscopy Third quarterly progress report, Jan. - Mar. 1966	1966
19660077849	Further experiments on transition reversal at hypersonic speeds	1966
19660077851	Category II high temperature evaluation of the C-141A aircraft	1966
19660077854	Linear control system design using algebraic methods	1966
19660077855	Regenerative control of CO2 in air by carbonic anhydrase Final report, 1 May 1965 - 1 Apr. 1966	1966
19660077856	Calculation of surface binding energies by computer simulation of the sputtering process	1966
19660077860	Attitude perturbations and control of artificial earth satellites Reference bibliography no. 23	1966
19660077862	A multiple device approach to solid state microwave power generation Interim technical report, Sep. 30 - Dec. 31, 1965	1966
19660077864	Noise bibliography, volume 5	1966
19660077865	The N.P.L. 6 in. /15.2 CMS/ shock tunnel helium reclamation and purification plant	1966
19660077866	Some extensions of the root locus method Final report	1966
19660077870	Development of tough, high strength alpha-beta titanium-base alloys at 240,000-260,000 psi yield strength level Quarterly progress report no. 12, 26 Mar. - 25 Jun. 1965	1966
19660077872	Development of improved cutting tool materials Interim engineering progress report, 16 Feb. - 15 May 1966	1966
19660077873	The off-design performance of free vortex turbine and compressor stages	1966
19660077874	Techniques for the continuous measurement of solid propellant burning rates Final technical report	1966
19660077875	Application of parameter plane techniques to control system compensation /identical double section cascade compensation/ Final report	1966
19660077877	An investigation of carbon deposition Progress report, Feb. 1 - Apr. 30, 1966	1966
19660077878	Improved insulators for rocket motors Quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660077879	Intermediate-temperature ductility and strength of tungsten and molybdenum TZM FINAL technical report, 1 Jul. 1964 - 30 Aug. 1965	1966
19660077880	Solution of problems of elasticity theory by a complex potential	1966
19660077883	Services Valve Test Laboratory Quarterly report no. 198, period ending Mar. 1966	1966
19660077884	A study to develop design criteria for aerodynamically heated swept and delta wing structures. Volume II - Review and evaluation of methods of heat transfer, aerodynamic load prediction, and structural analysis	1966
19660077887	Tantalum alloy tubing development program Ninth interim technical engineering report, 15 Feb. - 15 May 1966	1966
19660077889	Applications Technology Satellite Monthly progress report no. 17, 1 - 30 Jun. 1966	1966
19660077890	Computer analysis of brain activity in perception and performance Summary progress report, Apr. 16, 1964 - Jun. 30, 1966	1966
19660077891	Rocket base flow field studies using an electron beam probe Quarterly progress report no. 4, 26 Mar. - 25 Jun. 1966	1966
19660077892	Human engineering design criteria handbook for lunar scientific equipment	1966
19660077893	The role of brown fat in the thermogenesis of animals and man	1966
19660077895	Man system task analysis for lunar surface experiments. Phase I - Program summary	1966
19660077897	Structure-medium interaction in a nonelastic medium Final report, 6 Nov. 1964 - 30 Nov. 1965	1966
19660077898	Self aligning bearing mountings for 2000 deg and 2500 deg F Final report, 1 Mar. 31 Dec. 1965	1966
19660077899	Study of effect of high-intensity pulsed nuclear radiation on electronic parts and materials /SCORRE/ Second quarterly report, 15 Oct. - 31 Dec. 1965	1966
19660077900	Applicability of inertialess scanning techniques to the design of surveillance radar antennas Quarterly report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660077901	Aerodynamic gas spike for re-entry vehicle communications studies Interim technical report, period ending 31 Mar. 1966	1966
19660077902	Aeroelastic problems in an antenna vibration project	1966
19660077903	SAGE passive tracking subsystem exercise guide	1966
19660077904	Atlas of signals and noise	1966
19660077913	Ignition of metals in oxygen	1966
19660077914	The investigation of flame spreading over the surface of igniting solid propellants Quarterly letter report, 16 Apr. - 15 Jul. 1966	1966
19660077915	Optimization of the thermal efficiency of the magnetic annular arc	1966
19660077917	Project AMPIRT, ARPA Multiband Photographic and Infrared Reconnaissance Test Final technical report, 30 Mar. 1964 - 15 Nov. 1965	1966
19660077918	Test results of RF attenuators for the Lance Nuclear Warhead section	1966
19660077919	Mechanical and acoustic mobility of Saturn instrumentation unit - A theoretical and experimental study utilizing digital data reduction techniques Final report	1966
19660077923	Preliminary results of the calculation of air shock parameters in the close-field of liquid propellant explosions	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660077924	Mathematical analyses of fallout removal from surfaces	1966
19660077925	Simulation of the in-flight de-spin event of the UTC XSR 57-UT-1 solid-propellant rocket motor /motor S/N 30104/	1966
19660077926	Ignition delay of hypergolic rocket propellants Technical traslation no. 16	1966
19660077927	The influence of electrostatic effects on the properties of organic powders Final report, Mar. 1964 - Mar. 1966	1966
19660077928	Gas solid-state receiver protector at S-band Interim development report, 16 Feb. - 15 May 1966	1966
19660077929	Development of an X-band CW crossed-field amplifier Tenth interim development report, 28 Dec. 1965 - 28 Mar. 1966	1966
19660077931	Study of manned flying systems, summary	1966
19660077932	Study of manned flying systems. Volume I - Vehicle and subsystem analysis Final report	1966
19660077933	Study of manned flying systems. Volume II - Mission analysis Final report	1966
19660077934	Study of manned flying systems. Volume III - Resources plan Final report	1966
19660077935	Study of manned flying systems research and technology	1966
19660077936	Marotta Valve Corporation modified 3-way-2 position N. C. solenoid valve, part number 806203	1966
19660077937	AS-201 electromagnetic compatibility data	1966
19660077938	UHF high power, solid-state transmitter Final report, Jun. 1964 - Mar. 1966	1966
19660077939	Satellite communications terminal AM/TSC-54, VOLUME I First quarterly report, 15 Sep. 1965 - 15 Jan. 1966	1966
19660077940	Satellite communications terminal AN/TSC-54, VOLUME II First quarterly report, 15 Sep. 1965 - 15 Jan. 1966	1966
19660077945	Surface pressure correlation function for a cylinder in a diffuse reverberant sound field	1966
19660077946	An evaluation of the infrared thermometer as an airborne indicator of surface water temperatures	1966
19660077947	Restraint characteristics of flexible riveted and bolted beam-to-column connections	1966
19660077949	Applied research on efficiency improvement in O-type traveling wave tubes Interim engineering report, 1 Jan. - 31 Mar. 1966	1966
19660077950	Research to relate the effects of structure and composition of a propellant binder to the mechanical properties of a composite propellant Third quarterly progress report, 13 Dec. 1965 - 13 Feb. 1966	1966
19660077951	Design criteria for typical Mars landing capsules requiring sterilization Second quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19660077952	Development of a superconductive inductance type high energy density storage system Third technical report, Jan. 1 - Jun. 30, 1966	1966
19660077953	Saturn S-IB stage - Assembly and test report, S-IB-2	1966
19660077954	Saturn S-IB stage - Assembly and test report, S-IB-4	1966
19660077955	A non-numerical procedure for establishing experiment priorities and selecting optimal experiment sets for lunar surface missions	1966
19660077957	Study of post flight trajectory determination for NASA/MSFC Final Report, 30 Jun. 1965 - 28 Feb. 1966	1966
19660077959	Design, development, and fabrication of an experimental high temperature, high frequency response pressure transducer for combustion instability studies	1966
19660077960	Magnetic forming studies Summary report	1966
19660077964	Reaction rate constants for ionized air	1966
19660077968	Long wavelength intrinsic materials research Semiannual technical summary report, 15 Aug. 1965 - 15 Feb. 1966	1966
19660077969	Method for selecting atmosphere density models for satellite systems studies	1966
19660077973	Investigation of single crystal silicon ribbon Interim report no. 2, 1 Dec. 1965 - 28 Feb. 1966	1966
19660077978	Investigations of a simple quantitative method for the determination of thermal shock resistance	1966
19660077983	Investigation of a moving belt radiator Quarterly progress report, 1 Nov. 1965 - 1 Feb. 1966	1966
19660077986	Titan II - Augmented engine improvement program. Development of a turbopump gearbox lubricant for Titan family engines Supplemental final report	1966
19660077987	Calculation of boundary-layer development using the turbulent energy equation	1966
19660077991	Spin-orbit interaction in self-consistent fields	1966
19660077992	A space system propellant pressurization computer program	1966
19660077993	Study of microwave power transistor oscillators First annual report	1966
19660077994	Canadian ionospheric data, Churchill, Manitoba	1966
19660077997	Electro-nystagmographic technique for analysis of vestibular rotational nystagmus in animals /Pharmacological testing of the effect of anti-histaminica chlortheophyllin compounds/	1966
19660077998	Non-destructive reliability screening of semiconductor diodes Final report, 9 Dec. 1963 - 9 Jun. 1965	1966
19660078000	Effective cross sections for collisions of electrons with atoms. Atomic collisions, III	1966
19660078001	Interaction of electromagnetic waves and classical plasmas. Plasma energy relationships Final report, 3 Jun. 1963 - 15 Aug. 1965	1966
19660078002	The metal complexes of 2-aminothiols and related ligands Final report, 1 Oct. 1960 - 30 Sep. 1965	1966
19660078004	Class I XM-3 Hawk rate gyroscope evaluation	1966
19660078005	Experimental investigation of convection currents in a liquid medium - Steady state - Cellular vortices	1966
19660078006	Investigation of boundary layer transition Progress report, 1 Apr. - 30 Jun. 1966	1966
19660078007	Differential games and optimal pursuit-evasion strategies	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078008	Development of improved heat shielding. Volume II - Control surface panels Final stress report	1966
19660078009	Development of improved heat shielding Monthly report /18th/ Dec. 1965	1966
19660078010	Design, development testing and fabrication of a thermoelectric cryogenic sensor Fourth quarterly report	1966
19660078011	Digital transmission error control measurement and analysis program for wideband communication system Summary report	1966
19660078012	Static theory of a discharge column at intermediate pressures Technical report, 11 Jan. 1965 - 15 Jan. 1966	1966
19660078013	Seismic Data Laboratory Quarterly technical summary report no. 4, Jan. - Mar. 1966	1966
19660078015	Experimental evaluation of expanded pyrolytic graphite for use in space radiators First quarterly progress report, 1 Mar. - 31 May 1966	1966
19660078017	Literature search on methods of particle size measurement	1966
19660078018	Discussion group on computer-aided design and documentation. First meeting and subsequent action report	1966
19660078020	The manager, the engineer and the machine	1966
19660078022	Effect of computer aided design technology on present military standards governing preparation of technical documentation	1966
19660078023	Effects of computer-aided design and documentation on data submittals	1966
19660078024	DOD/AOA discussion group on computer-aided design documentation, 12-13 October 1965. Item 1 - Compatibility considerations	1966
19660078025	The conversion of dimensioned drawings into digital form for computer aided design use	1966
19660078080	A Theoretical Study of the Aerodynamic Characteristics of Lifting-body Entry Vehicles (U) Final Report, Mar. 1965 - Mar. 1966	1966
19660078150	Polarization detection sensitivity studies /U/ Seventh quarterly report, Dec. 15, 1965 - Mar. 14, 1966	1966
19660078166	Results of vibration measurements during AS-201 launch	1966
19660078167	Design, development and fabrication of a prototype eight channel hydrogen gas concentration monitoring system Final report	1966
19660078168	Development of improved heat shielding. Volume II - Control surface panels Final report, Jul. 1964 - May 1966	1966
19660078170	Directionally reflective coating Technical summary report, May 1965 - Jul. 1966	1966
19660078172	Analysis of the design procedures and performance predictions for parameter identification systems which use regression techniques	1966
19660078174	Accelerometer direct axis encoders Final technical report	1966
19660078175	Effects of radiation on gastro-intestinal function and cyclic turnover of intestinal epithelium Second semiannual status report	1966
19660078176	Design of bonded sandwich intertank structure for Saturn V vehicle Final summary report, 5 Dec. - 22 Apr. 1966	1966
19660078177	Early lunar shelter design and comparison study First interim progress report	1966
19660078178	Analog computer solution of damped dynamic response of structural elements exposed to sonic booms	1966
19660078180	Saturn switch selector, phase III COMPLETION report	1966
19660078181	An investigation of the direct interaction theory of nuclear reactions Status report, 1 Jan. - 1 Jul. 1966	1966
19660078182	Correlation Patterns of the Acoustic Pressure Fluctuations on the S-IC Vehicle Due to the Exhaust Noise at the Test and Launch Stand Final Report	1966
19660078183	Cosmic ray investigations utilizing an emulsion chamber calorimeter combination Semiannual progress report	1966
19660078184	Research and development of improved capacitance type LH2 mass flowmeter design Quarterly progress report no. 3, period ending Feb. 15, 1966	1966
19660078185	Research and development of improved capacitance type LH2 mass flowmeter design Quarterly progress report no. 4, period ending May 15, 1966	1966
19660078188	Development of the manufacturing capabilities of the hydrostatic extrusion process Interim engineering progress report, 28 Feb. - 31 May 1966	1966
19660078189	Development of integrated circuits utilizing complementary transistors Interim development report, 1 Jan. - 31 Mar. 1966	1966
19660078198	Laminar boundary layers with non-uniform fluid properties	1966
19660078199	Pattern recognition - An annotated bibliography	1966
19660078201	Shock-wave shadowgraph experiments on Operation Snow Ball Final report	1966
19660078207	Space-resolved wake-density measurements	1966
19660078208	The sequential spark measurement of the radial velocity profiles of wakes produced by hypersonic projectiles	1966
19660078209	Cooled-film anemometer measurements in the hypersonic wake	1966
19660078210	Absorption spectra of wakes	1966
19660078211	Line reversal measurements of hypersonic wake temperatures	1966
19660078214	Analysis of the effects of phased cyclic blowing on the aerodynamic pitching moment derivatives of slender cones in hypersonic flow	1966
19660078215	Prepared comments on analysis of the effects of phased cyclic blowing	1966
19660078216	Microwave scattering from an underdense turbulent plasma	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078219	Proposed method of measurement of electron density in re-entry sheaths by observation of electroacoustic resonances	1966
19660078220	Kinetics and thermochemistry of the Teflon fluorocarbon system behind shock waves	1966
19660078221	CHF3 decomposition	1966
19660078223	Measurement of the rate and spectral distribution for the radiative combination of atomic oxygen and carbon monoxide	1966
19660078228	Preliminary electron conductivity probe results at CARDE	1966
19660078230	Suggested standard chemical kinetics for flow field calculations - A consensus opinion	1966
19660078233	Aerodynamic load distributions at transonic speeds for a group of simulated launch-vehicle models /U/	1966
19660078235	Test observations of inlet-engine dynamic interactions /U/	1966
19660078236	Project TIARA /U/ Status report no. 1	1966
19660078237	Tests of a low volume two-dimensional ramjet inlet model at supersonic speeds /U/	1966
19660078241	Investigation of alkylaluminum compounds /U/ Final report, Dec. 1963 - Mar. 1965	1966
19660078242	Testing of two dual-chamber controllable solid rocket motors in a simulated altitude environment /U/	1966
19660078243	Satellite communications terminal AN/TSC-54, VOLUME IV /U/ First quarterly report, 15 Sep. 1965 - 15 Jan. 1966	1966
19660078246	Liquid propellant thermal conditioning system Monthly progress report no. 2, 28 Feb. - 31 Mar. 1966	1966
19660078247	Proximity effects between superconducting and normal metals Semiannual report	1966
19660078248	Development of a Stellar Spectrograph	1966
19660078249	Feasibility of simulating thermal environments for meaningful evaluation of ablating materials Quarterly progress report no. 13, 1 May - 31 Jul. 1966	1966
19660078252	Development of instrumentation to search for neutrons and gamma rays from solar surface nuclear reactions Semiannual status report, 1 Feb. - 31 Jul. 1966	1966
19660078253	Studies on adaptation to prolonged deep hypothermia by rats and its relation to hibernation Semiannual status report, 1 Jan. - 1 Jul. 1966	1966
19660078254	An experimental investigation of the adaptive potential of species of populations of mammals for withstanding environmental stressors Semiannual status report, 1 Jan. - 30 Jun. 1966	1966
19660078255	Preliminary ultraviolet reflectance of some rocks and minerals from 2000 angstrom to 3000 angstrom	1966
19660078256	Geological evaluation of radar imagery, southwestern and central Utah	1966
19660078258	Geologic interpretation of the Gemini V photograph of the Salt Range-Potwar Plateau region, West Pakistan	1966
19660078259	Geological utilization of Gemini color photograph of Duba area, Saudi Arabia	1966
19660078260	Geological evaluation of radar imagery - San Andreas fault zone from Stevens Creek, Santa Clara County to Mussel Rock, San Mateo County, California	1966
19660078261	Geological evaluation of K-band radar imagery, north-central Nevada	1966
19660078262	Probability distributions for propellant used in the control of disturbing torques Third technical report, 1 May 1965 - 9 Mar. 1966	1966
19660078263	Life in extreme environments Fourth semiannual report	1966
19660078264	The study of detonation phenomena and its possible relation to rocket motor combustion instability Quarterly progress report, 1 May - 31 Jul. 1966	1966
19660078265	Accuracy analysis comparison of modified FFAR ROCKETS and M-32 rockets ground fired from a UH-1B helicopter at Fort Sill, Oklahoma, 28 August 1964 - 1 September 1964	1966
19660078266	Stainless-steel-lined, glass-filament-wound tanks for long-term storage of nitrogen tetroxide and other propellants Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660078268	Handbook for the selection of "leak-tight" fluid connectors	1966
19660078271	Study of low acceleration space transportation systems, phase II study report. Volume II - Technical report	1966
19660078272	Research to investigate the microstructure of the internal magnetic field in selected magnetic materials Progress report no. 6, 1 Dec. 1965 - 15 Mar. 1966	1966
19660078273	Activities of the Defence Research Telecommunications Establishment Annual report, 1965	1966
19660078274	Mission analyses and trajectories for three zero-degree inclination earth synchronous orbit missions using the Saturn V vehicle with three burns of the S-IVB stage	1966
19660078275	Nuclear electromagnetic pulse effects research and development simulation test plan Final technical report, 14 Feb. 1964 - 1 Oct. 1965	1966
19660078279	Relationship of biochemical activity to environmental and developmental changes in Ascaris Progress report, 1 Jan. - 30 Jun. 1966	1966
19660078280	University-Wide Research Program in the Space Related Sciences and Engineering Semiannual Progress Report, 15 Dec. 1965- 15 Jun. 1966	1966
19660078281	Final documentation of meeting no. 9, Apollo/Saturn Launch Operations Panel, March 29, 1966	1966
19660078282	Advanced computer organization Final report, 5 Nov. 1964 - 4 Jan. 1966	1966
19660078283	Ferrocene-amino acids and related compounds	1966
19660078285	Study of reticulated defects in copper by quenching	1966
19660078287	Evaluation of F-4 aircraft fire and overheat warning lights with reduced illuminated area First final report, 1 Dec. 1965 - 23 Feb. 1966	1966
19660078288	Evaluation of "Kel-All", an all-purpose silicone Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078290	Evaluation and comparison of the corrosion susceptibilities of 7075-T651 and 7075- T7351 submitted by Kaiser Aluminum Company	1966
19660078295	High-current-density cathode-ray tube electron source Seventh quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660078297	Study of vacuum welding, phase B Special report	1966
19660078300	Development of passive radar augmentation pod and installation on military aircraft	1966
19660078301	Dynamic pressure from blast waves - Methods for predicting the effects of terrain Final report	1966
19660078303	Compound semiconductor functional electronics blocks Seventh interim report, 1 Nov. 1965 - 28 Feb. 1966	1966
19660078304	A comparison of subcooled versus liquid hydrogen requirements Technical report, Sep. 1965 - Jan. 1966	1966
19660078305	Second Combustion Conference, Interagency Chemical Rocket Propulsion Group, volume I	1966
19660078306	Effort on combustion stability rating techniques at AFRPL	1966
19660078307	A review of the combustion dynamics aspects of the Gemini stability improvement program	1966
19660078308	Combustion stability investigation of the LEM ascent engine	1966
19660078309	Test results and analysis of pulse initiated oscillations in the UTC 8K engine	1966
19660078310	Nonlinear aspects of combustion instability in liquid propellant rocket motors	1966
19660078311	Response characteristics of combustion system processes to acoustic oscillations	1966
19660078312	The relevance of a characteristic time in combustion instability	1966
19660078313	Tutorial seminar paper on "L and J combustion model"	1966
19660078314	Theoretical aspects of the Crocco and Priem theories of liquid propellant rocket motor instability	1966
19660078315	Application of Crocco theory	1966
19660078316	Extension of the Priem theory and its use in simulation of instability on the computer	1966
19660078317	A nonlinear model for prediction of liquid rocket engine instability	1966
19660078318	An engineering approach to combustion instability	1966
19660078319	Combustion instability studies using a gas rocket	1966
19660078320	High frequency combustion instability in liquid propellant rocket engines	1966
19660078321	Wave slope-gas dynamic interactions in liquid rockets	1966
19660078322	Steady-state rocket combustion models	1966
19660078323	Reaction kinetics of the hydrazine-nitrogen tetroxide propellant system	1966
19660078324	Finite amplitude combustion pressure oscillations	1966
19660078325	Shock induced heterogeneous detonations	1966
19660078326	An experimental investigation of LO2/LH2 COMBUSTION stability characteristics at high chamber pressure	1966
19660078327	Liquid rocket engine combustion instability studies	1966
19660078328	Review and critique of liquid rocket combustion	1966
19660078329	Thermal decomposition and electrical resistance of ammonium perchlorate under high pressure	1966
19660078330	Metal ignition concepts for propellant applications	1966
19660078331	Aluminum combustion in composite propellants	1966
19660078332	Some factors affecting the combustion of aluminium in solid propellants	1966
19660078333	Ignition and combustion characteristics of electrically-heated beryllium wire	1966
19660078334	The structure of metal diffusion flames	1966
19660078335	Recent studies of aluminum particle combustion at NOTS	1966
19660078336	A new experimental technique and new results of the mechanism of combustion and catalysis of double-base propellants	1966
19660078337	Gasification by sublimation, nucleate boiling and chemical attack in oxidizer deflagration waves	1966
19660078338	Further studies of ammonium perchlorate solid propellant deflagration by means of the porous burner analog technique	1966
19660078339	Combustion mechanism studies	1966
19660078340	Effects of electrostatic fields on the combustion of solid propellants	1966
19660078341	Theory of ignition of solid propellants	1966
19660078342	Theory of ignition of solid propellants	1966
19660078343	Ignition and ignition propagation of a solid propellant in a flow environment	1966
19660078344	Ignition of ammonium perchlorate, composite propellants by high convective heat fluxes	1966
19660078345	Test methods for solid propellant rocket igniter development	1966
19660078346	A study of heat transfer characteristics of hot-gas ignition	1966
19660078347	Pressure and energy dependent ignition response of solid propellants	1966
19660078348	Heat transfer from pyrotechnic igniters	1966
19660078349	A program for pre-firing prediction of high frequency combustion instability in solid propellant rocket motors	1966
19660078350	Results in pressure-coupled instability	1966
19660078351	Measurement of acoustic pressure and velocity coupled response of solid propellants	1966
19660078352	The use of an O-burner to predict combustion instability in solid rocket engines	1966
19660078353	Non-acoustic combustion instability	1966
19660078354	A theory of solid propellant extinguishment by pressure perturbation	1966
19660078355	Extinguishment of composite propellants by rapid depressurization	1966
19660078356	A technique for investigating low frequency velocity-coupled combustion instability	1966
19660078357	Intermediate frequency, axial mode combustion instability	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078358	Non-linear behaviour of solid propellant rocket combustion instability	1966
19660078359	Nonlinear combustion stability limits for solid-propellant motors including vortex flow effects	1966
19660078360	Longitudinal combustion instability - Some empirical results and related design considerations	1966
19660078361	Optical studies of longitudinal combustion instability	1966
19660078362	Gain mechanisms associated with finite amplitude axial mode instability in solid propellant rockets	1966
19660078363	Linear and non-linear pressure coupled combustion instability	1966
19660078364	Energy loss mechanisms related to scaling of solid propellant rocket motors	1966
19660078365	Induced acoustic damping in solid-propellant rocket motors	1966
19660078366	A study of the acoustic damping properties of solid rocket propellants	1966
19660078367	Acoustic attenuation experiments on subscale, cold-flow rocket motors	1966
19660078368	The T-burner - An old vice overcome, a new vice discovered	1966
19660078369	Fabrication techniques for batch fabrication of distributive logic networks Interim report, 7 Apr. 1965 - 7 Jan. 1966	1966
19660078370	Development of high resolution digital transducers with stored calibration Final report, 1 Mar. 1964 - 1 Mar. 1966	1966
19660078371	An approach to the analysis of mirror cusp systems by the use of an electron analog device Technical report, Jan. 1965 - Sep. 1965	1966
19660078373	Investigations of broadband ferromagnetic power limiters and expanders as duplexing elements for microwave systems Third quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660078374	Sensitivity of propellant systems Quarterly report, Jan. 1 - Mar. 31, 1966	1966
19660078375	Density gradient effects on Alfvén wave propagation, 1 September 1965 - 31 December 1965	1966
19660078376	Integrated absorption intensities of infrared bands. Part I - Instrumentation Technical report, Jan. - Dec. 1965	1966
19660078377	Physical and electromagnetic properties of ionized gases Final report, 13 Oct. 1963 - 31 Oct. 1965	1966
19660078378	Identification of microstructural constituents and chemical concentration profiles in coated refractory metal systems Final report, 1 Jul. 1964 - 31 Dec. 1965	1966
19660078379	AFCRL polymodal vocoder modification and improvement program Final report, Jan. 1964 - Feb. 1966	1966
19660078380	Formation of continuous filaments by drawing a substrate through molten boron Final report, 5 Mar. 1965 - 28 Feb. 1966	1966
19660078381	Fire and explosion detection for advanced flight vehicles Final report, May 3, 1965 - Mar. 14, 1966	1966
19660078382	Development of a corrosion-inhibited heat-transfer fluid for ECS systems Final report, Aug. 17, 1965 - Aug. 16, 1966	1966
19660078385	Closed-form solutions of near-symmetric spinning bodies with varying body characteristics and perturbations	1966
19660078386	Dispersion strengthened alpha titanium alloys Annual report, 1 Mar. 1965 - 28 Feb. 1966	1966
19660078387	Doping study of light metal based fuels Quarterly progress report, 3 Jan. - 31 Mar. 1966	1966
19660078388	RADC photogrammetric range Final report	1966
19660078389	Infrared-radiation characteristic of jet airplane Fiat G-91 /R3/	1966
19660078390	Tactical orbital programmer Final report, 23 Mar. - 23 Nov. 1965	1966
19660078391	Interference notebook	1966
19660078393	Lunar Survey Probe survivable capsule study scientific payloads. Volume I - Technical final report	1966
19660078396	Environmental information control	1966
19660078402	Research on relaxation processes in magnetic materials Progress report no. 6, Oct. 1 - Dec. 31, 1965	1966
19660078403	Proceedings of the second Missile and Space Division seminar on Bayes' theorem and its application to reliability measurement, 28 October 1965	1966
19660078404	Development and demonstration of criteria for liquid fluorine feed system components Fifth monthly report, 1 Jul. - 1 Aug. 1966	1966
19660078405	Liquid nitrogen blackbody for spectral emittance studies	1966
19660078406	A study of panel thickness required to prevent flutter in advanced performance vehicles Final report	1966
19660078407	Selected RAND publications on reliability	1966
19660078409	The valence-isomeric system - 9, 70-dihydro-9, 10-ethanonaphthalene-1, 6-ethano- cyclodecapentaene	1966
19660078410	The design, fabrication and installation of a wire-grid lens for HF radio direction finding Final report, Jun. 1963 - Jan. 1965	1966
19660078412	Preferred-circuit techniques for reflection- type parametric amplifiers Interim technical report	1966
19660078413	Design of DIC 10-447 rotary joint Final report	1966
19660078414	High power RF window study Second quarterly technical report, 1 Oct. - 31 Dec. 1965	1966
19660078415	Liquid rocket system conjugate structure and tankage program, part II Technical report, 1 Jul. 1965 - 31 May 1966	1966
19660078416	Stage I Minuteman /M55A1/ production support. Appendix B - Advanced materials development Final technical summary report, 1 Jul. 1964 - 15 Sep. 1965	1966
19660078418	Nondestructive test results and altitude performance of twelve aged Mark 11 reentry vehicle spin and pitch motors	1966
19660078420	Navy program for conversion to UHF telemetry	1966
19660078422	A multiple device approach to solid state microwave power generation Interim technical report, 1 Jan. - 31 Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078424	The use of cross correlation in studying the response of lightly damped structures to noise Summary report, Nov. 1964 - Nov. 1965	1966
19660078427	Effect of additives on the ignition delay time of hypergolic propellants Monthly status letter, 5 May - 4 Jun. 1966	1966
19660078428	Effect of additives on the ignition delay time of hypergolic propellants Quarterly report no. 2, 5 Apr. - 4 Jul. 1966	1966
19660078429	Crew performance studies for manned space flight. Volume II - Task analysis	1966
19660078430	Applications Technology Satellite System summary	1966
19660078431	Applications Technology Satellite. Appendix A - Reference Information for ATS C, D, and Experimental Interface	1966
19660078432	Delta-39 AIMP - Operations summary	1966
19660078433	Results of ground and environmental measurements during AS-201 launch	1966
19660078434	Carcinogenic Potential of Space Radiation Final Report	1966
19660078436	Robertshaw Controls Company 1/4 inch pressure gauges, P/N 767-B-C, P/N T21-767-BC, O-5,000 PSIG service	1966
19660078437	Robertshaw Controls Company 1/4 inch pressure gauges, P/N 767-BC, P/N T21-767-BC, O-100 PSIG service	1966
19660078440	The origin, evolution, and operation of the NASA Contractor Source Evaluation Board process	1966
19660078442	Solid propulsion engineering development plan Monthly status report no. 4, 10 May - 10 Jun. 1966	1966
19660078443	Hazards to the Eye from Ionizing Radiation During Extended Space Missions Status Report No. 2, 1 Jan. - 30 Jun. 1966	1966
19660078444	Crew performance studies for manned space flight. Volume I - Description of study and results	1966
19660078445	An analysis and technical evaluation of selected navigation and communication system concepts for 1975 Final report	1966
19660078447	A method for identification of phenolic bodies on paper chromatograms	1966
19660078448	Electric discharges between metallic surfaces in a rarefied gas	1966
19660078449	Thermodynamic analysis of heat exchangers	1966
19660078450	Study of platinum-platinum rhodium thermoelectric couples and industrial applications	1966
19660078451	Liquid propellant thermal conditioning system Monthly progress report no. 4, 30 Apr. - 31 May 1966	1966
19660078452	Biological Experiments in Space. Psychocardiovascular Reactions During Conditions of Weightlessness in Orbiting Satellite Semiannual Status Report, 1 Jan. - 30 Jun. 1966	1966
19660078453	Crew performance studies for manned space flight Summary technical report	1966
19660078455	Cockpit acoustical noise survey and evaluation of proposals to reduce cockpit noise in the F-4 airplane Final report, 14 Feb. - 5 Mar. 1966	1966
19660078456	Allison model T56-A-8 engine/Grumman model E-2A aircraft oil system, sea level and altitude starting evaluation using oils conforming to specifications MIL-L-23699 /WEP/ and MIL-L-7808E as engine lubricants Final phase E report	1966
19660078458	Yaw Attitude Sensor Quarterly Progress Report No. 3, 1 Jan. - 31 Mar. 1966	1966
19660078460	Crew performance studies for manned space flight Volume III - Reduced data	1966
19660078462	Applications of remote sensor data to cartographic programs	1966
19660078463	Diagnostics of Accelerating Plasma First Semiannual Progress Report, Mar. 1 - Aug. 31, 1966	1966
19660078464	Contributions to Perturbation Theory for Linear Operators with Closed Range	1966
19660078466	Mass Transfer Effects on Taylor Instability	1966
19660078469	Use of dogs in missile recovery operations Final report	1966
19660078470	Roughened-rod annular passage experiments for the calculation of transformed friction factor from axial pressure drop measurements	1966
19660078475	Research on methods of obtaining luminescence in ferroelectric materials and study of the temperature dependence of their luminous efficiencies close to the curie point Quarterly technical report, Oct. 1 - Dec. 31, 1965	1966
19660078477	Sonic fatigue of aircraft structures A selective bibliography	1966
19660078479	Investigation of the theory of a thin-film optical transmission line Scientific report no. 1	1966
19660078481	Ion-specific permeable membranes Final report, 1 Mar. 1965 - 30 Apr. 1966	1966
19660078483	Circuit responsive to transient alternating current overvoltages	1966
19660078484	Correlation effects in complex spectra. I - Term energies for the magnesium isoelectronic sequence	1966
19660078489	[No Title]	1966
19660078491	Advanced propellant synthesis /U/ Research report, 1 Jan. - 31 Mar. 1966	1966
19660078492	Advanced propellant staged-combustion feasibility program /U/ Third quarterly report, 1 Mar. - 31 May 1966	1966
19660078494	Mercury-doped germanium study program /U/ Semiannual technical report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660078495	Surveillance motor firing number 243B-1-5-9 /U/ Final report	1966
19660078497	ALTAIR program /U/ Quarterly technical summary report no. 3, period ending 31 Mar. 1966	1966
19660078499	An experimental determination of the ejection characteristics of the igniter basket debris in the exhaust plume of the SR11-HP-1 retro motor at pressure altitude conditions /U/	1966
19660078500	Periodically elevated radar study /U/ Tenth quarterly progress report, 1 Sep. - 30 Nov. 1965	1966
19660078501	A new synthesis for 3-chloro-2,2',4,4',6,6'-hexanitrobiphenyl, PIPICL /U/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078503	[No Title]	1966
19660078505	VA-899 superpower microwave amplifier development program /U/ Quarterly report, no. 22, 1 Oct. - 31 Dec. 1965	1966
19660078506	Processing and properties of extruded solid propellants with fluorocarbon binder /U/	1966
19660078507	Spectrum-centered receiver /U/ Final report, 12 Jun. 1964 - 28 Feb. 1966	1966
19660078508	Characterization of C-55A propellant /U/	1966
19660078509	Advanced cryogenic rocket engine program, aerospike nozzle concept /U/ Quarterly progress report, 1 Mar. - 1 Jun. 1966	1966
19660078512	Synthesis of LMH-2 /U/ Quarterly progress report no. 1, 4 Jan. - 3 Apr. 1966	1966
19660078513	Theoretical calculations on advanced oxidizers /U/ Semiannual technical report no. 1, 1 Dec. 1965 - 31 May 1966	1966
19660078514	Characterization and evaluation of light metal hydrides /U/ Quarterly report no. 2, 1 Feb. - 30 Apr. 1966	1966
19660078515	Molecular substitution studies /U/ Quarterly progress report, 1 Feb. - 30 Apr. 1966	1966
19660078516	Exploratory development program for a lightweight solid rocket pulse motor /U/ Final report, Nov. 1964 - Dec. 1965	1966
19660078517	High expansion ratio motors using high energy force propellant /U/ Final report	1966
19660078518	Fundamental research on the direct fluorination of organic compounds /U/ Quarterly progress report no. 15, 1 Mar. - 31 May 1966	1966
19660078519	Feasibility demonstration of advanced attitude control systems /U/ Quarterly progress report, 1 Feb. - 30 Apr. 1966	1966
19660078524	IRIA annotated bibliography of infrared literature, volume X, number 1 /U/	1966
19660078525	Design study of a minimum complexity digital computer for automatic lunar surface navigation Final report, Mar. 23, 1965 - Mar. 22, 1966	1966
19660078527	The line profiles of thermally excited helium lines	1966
19660078528	Holography	1966
19660078529	Development of an electrothermal accelerator for ultravelocity microprojectiles	1966
19660078530	Amination of sugars during chromatography on silica gel G in an ammonia-containing solvent system	1966
19660078531	On "breakdown" conditions between metallic surfaces in a vacuum as a function of the electrical supply	1966
19660078533	Evaluation of two vibration insensitive catalytic detectors for carbon monoxide	1966
19660078534	Experimental pressure distribution on the duct of an ERG pumpjet Final report	1966
19660078536	Investigation of the high speed impact behavior of fibrous materials Technical report, Jan. 1964 - Dec. 1965	1966
19660078541	Inductive methods in language analysis Final technical report	1966
19660078542	Preliminary test plan of the SST inlet/JTF 17A-20B engine system - AEDC. Commercial supersonic transport program, phase 11-C report	1966
19660078544	Theoretical analysis of launch vehicle base flow	1966
19660078545	Investigation of materials combustibility and fire and explosion suppression in a variety of atmospheres Summary report, Nov. 1964 - Nov. 1965	1966
19660078547	The generation of megawatt peak powers by modern spark-transmitter techniques Final report	1966
19660078550	Program ASTEC /Advanced Solar Turbo Electric Concept/. Part IV - Solar collector development support tasks. Volume V - Goodyear Aerospace Corporation material properties test program Technical report, 10 Oct. 1965 - 4 Feb. 1966	1966
19660078551	Response of titanium alloys to heat treatment	1966
19660078552	Evolution of finite automata for prediction Final report, 25 Oct. 1965 - 5 Jan. 1966	1966
19660078553	Investigation of the electric and thermoelectric properties of modifications of metal-free phthalocyanines	1966
19660078554	Measurements of vibration-vibration coupling in gas mixtures	1966
19660078555	Chemical kinetics and fluid dynamics of surface-catalyzed atom and free-radical reactions	1966
19660078556	Effect of tuned viscoelastic dampers on response and damping of a clamped-clamped beam Technical report, Feb. 1965 - Nov. 1965	1966
19660078557	Creative computation, revisited Final report, Mar. 1965 - Mar. 1966	1966
19660078558	Air Force Rocket Propulsion Laboratory report bibliography, January 1958 - December 1965	1966
19660078559	Nonequilibrium air dissociation in the boundary layer and laminar wake of slender hypersonic reentry vehicles	1966
19660078560	Ground Effect Machines /GEM/ OPERATIONAL requirements Final report, Mar. 1962 - Mar. 1966	1966
19660078561	Gas solid-state receiver protector at S-band Interim development report, 16 Nov. 1965 - 15 Feb. 1966	1966
19660078562	Study of impact on S-II stage of improved J-2 engine. Volume I - Phase II SUMMARY Final report	1966
19660078563	Saturn S-IB stage final static test report, stage S-IB-6	1966
19660078564	Study of impact on S-II stage of improved J-2 engine. Volume II - Phase II STUDY results Final report	1966
19660078565	Engineering properties of rocket propellants /U/ Final report, 1 Apr. 1965 - 31 Mar. 1966	1966
19660078567	Study and improvement of the S-1 photoemissive surface /U/ Ninth quarterly report no. 27, 1 May - 31 Jul. 1965	1966
19660078568	Evaluation of PBEP, a high energy binder /U/ Final report, 1 Mar. 1965 - 28 Feb. 1966	1966
19660078573	Resonant modes of thin-shelled cylinders and spheres insonified in water /U/ Research and development report, 1964 - 1965	1966
19660078574	ARPA Project HiBEX /U/ Quarterly technical summary report no. 8, 27 Sep. 1965 - 10 Jan. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078575	HiBEX flight test report, vehicle D-4, flown January 5, 1966 /U/	1966
19660078580	Periodically elevated radar study /U/ Eleventh quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660078581	Static force tests of five high L/D configurations at Mach 6 and 8 /U/ Technical report, Feb. 23 - Apr. 1, 1966	1966
19660078584	Regression study of the relationships between the ballistic properties of the TC-1 test motor and the Pershing rocket motors /XM105 and XM106/ /U/	1966
19660078585	Preliminary investigation of structural properties of stabilized pressed earth blocks Technical report, Jun. - Nov. 1965	1966
19660078589	Reliability analysis of tunnel diodes study Final report, Jun. 3, 1965 - Jan. 3, 1966	1966
19660078592	Preliminary test plan of the SST inlet/ GE4/J5G engine system - AEDC Commercial supersonic transport program, phase II-C report	1966
19660078595	Operational test and evaluation of the Collins Low Approach Navigation Director System /LANDS/	1966
19660078596	Preliminary Design Study of a Lunar Gravity Simulator First Interim Report, Period Ending 22 Jul. 1966	1966
19660078598	Perfluoroalkyl triazine elastomers and related polymers Technical documentary report, May 15, 1964 - Oct. 15, 1965	1966
19660078600	Response of thermocouple junctions to shock waves Final report, 1 Jul. - 31 Dec. 1965	1966
19660078603	Investigation of Properties of Rare Earth Ions Semiannual Status Report, Mar. 1 - Aug. 31, 1966	1966
19660078605	Heat transfer estimates for blunted wedges	1966
19660078606	Visual acquisition of surface targets from the air - An annotated bibliography	1966
19660078607	LSSM Preliminary Design Study. Local Scientific Survey Module for Apollo Extension System. Volume I - Program Summary Final Report	1966
19660078608	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 1 - System design Final report	1966
19660078609	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 2 - Mobility systems, part 1 - Introduction Final report	1966
19660078610	LSSM preliminary study. Local Scientific Survey Module for Apollo extension system. Volume II, book 2 - Mobility systems, part 2 - Preliminary design Final report	1966
19660078611	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 3 - Power systems, part 1 - Sections 1-8 Final report	1966
19660078612	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 4 - Crew station system Final report	1966
19660078613	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 5 - Astrionics system, part 2 - Navigation Final report	1966
19660078614	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 5 - Astrionics system, part 3 - Illumination Final report	1966
19660078615	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 6 - Thermal control Final report	1966
19660078616	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 7 - Tiedown and unloading Final report	1966
19660078617	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 8 - GSE Final report	1966
19660078618	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume II, book 12 - Remote control Final report	1966
19660078619	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume III, book 1 - Development plan Final report	1966
19660078620	Investigation of the influence of the near solar space environment on low alpha s/epsilon thermal control surfaces, phase I	1966
19660078621	Navy thermionic diode program Quarterly progress report, Dec. 18, 1965 - Mar. 17, 1966	1966
19660078622	Noise characteristics of two frictional and one conventional orificial four-way servo valves	1966
19660078623	Airframe/engine compatibility plan, General Electric engine. Commercial supersonic transport program, phase II-C	1966
19660078624	Airframe/engine compatibility plan, Pratt and Whitney engine. Commercial supersonic transport program, phase II-C	1966
19660078625	Preliminary design study of lunar Local Scientific Survey Module Final summary report	1966
19660078626	Preliminary design study of lunar Local Scientific Survey Module. System analysis, design integration, thermal control, and power system design Final technical report	1966
19660078628	Local Scientific Survey Module /LSSM/. NAVIGATION subsystem Final technical report	1966
19660078629	Preliminary design study of lunar Local Scientific Survey Module telecommunication system Final report	1966
19660078630	Preliminary design study of lunar Local Scientific Survey Module life support system Final report	1966
19660078631	Preliminary design study of lunar Local Scientific Survey Module systems functional specification Final report	1966
19660078632	Preliminary design study of lunar Local Scientific Survey Module research and technology Final report	1966
19660078633	Preliminary design study of Lunar Local Scientific Survey Module program plan Final report	1966
19660078634	Preliminary design study of lunar Local Scientific Survey Module program cost Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078636	Data acquisition and handling for combined effects testing of thermal coatings Third quarterly progress report	1966
19660078637	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume III, Book 3 - Resources plan for remote control Final report	1966
19660078638	Aluminum alloys, especially of the AlZnMg1 category for welding structures	1966
19660078639	LSSM preliminary design study. Local Scientific Survey Module for Apollo extension system. Volume III, Book 2 - Development cost and resources requirements Final report	1966
19660078640	LSSM preliminary design study Research and technology report	1966
19660078644	Coherent optical array techniques Third interim technical documentary report, 3 Nov. 1965 - 2 Feb. 1966	1966
19660078645	Evaluation of 7075-T73 submitted by Reynolds Metals Company	1966
19660078647	Neurological, EEG, and psychophysiological findings before and after SEALAB II	1966
19660078649	Fracture toughness, fatigue-crack propagation and corrosion characteristics of aluminum alloy plates for wing skins Quarterly report, Dec. 3, 1965 - Mar. 3, 1966	1966
19660078654	Surface wave behavior in phased arrays Third quarterly progress report	1966
19660078656	Near caustic surface field	1966
19660078658	HYDRA NMC/WSQ-125 remote command control/ checkout system	1966
19660078660	The use of satellites to navigate aircraft Preliminary report	1966
19660078661	Mathematical analysis of heat conduction in a sector of a hollow circular cylinder Final technical report, Mar. 1965 - Jan. 1966	1966
19660078667	Computer Systems Manual no. CSM-UG-3-66, USER'S guide. Volume 1 - Data retrieval	1966
19660078669	Development of CBR design curves for runways to be surfaced with M8A1 /FORMERLY T10/ steel landing mat Final report	1966
19660078671	Two methods of determining integers in wide-based interferometers	1966
19660078672	Test and evaluation of the 35mm Leica hand-held aerial camera Final report	1966
19660078673	Test and evaluation of the Graflex X1 Camera System Final report	1966
19660078674	Transistor, VHF, silicon, power, linear, 30-MHz, 100 watts PEP Third quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660078675	Theory of the effects of electronic excitation on the vibrational and dissociative relaxation of diatomic molecules	1966
19660078676	Development of an improved manufacturing process for the hot extrusion of alloy steel structural shapes Interim engineering progress report, 1 Mar. - 31 May 1966	1966
19660078677	The derivation of the Boltzmann equation from the B-B-G-K-Y hierarchy without the assumption of weak collision	1966
19660078678	Development of a cold ionizer for a quadrupole mass spectrometer Final technical report, 9 Jan. - 31 Dec. 1965	1966
19660078680	Ice research Annual report, 1965	1966
19660078681	Fabrication and test of vapor/liquid ratio meter Final report	1966
19660078687	J52-P-6A engine windmill starts re-evaluation Final report	1966
19660078690	Surface and solid state studies by radioactive methods Final technical report, Oct. 1, 1961 - Jan. 31, 1966	1966
19660078693	Infrared Interferometer Spectrometer /IRIS/ INSTRUMENT Third quarterly report, 15 Mar. - 15 Jun. 1966	1966
19660078696	Performance Study of a High Energy Molecular Beam Apparatus and Measurement of Momentum Accommodation Under Satellite Conditions Status Report, Jan. 1 - Jun. 30, 1966	1966
19660078697	Dynamic Measurements of the Electrical Properties of Metal Oxides in High Radiation Fields at High Temperatures Semiannual Status Report No. 3, Mar. 1 - Aug. 31, 1966	1966
19660078699	Qualification of MS 21044D08 nut, self-locking, hexagon-regular height, 250 deg F, 125 KSI FTU and 60 KSI FTU, MS 21083D08 nut, self-locking, hexagon, non-metallic insert, low height, 250 deg F submitted by Greer Stop Nut Company	1966
19660078702	Chemically inert fluorine grafts Final report, May - Dec. 1965	1966
19660078704	Study of noise reduction techniques for varactor harmonic generator type microwave sources Third quarterly engineering report, 15 Feb. - 15 May 1966	1966
19660078715	Flight evaluation of self-contained SFENA and GTI vertical Gyros in the F-4 airplane Final report, 14 Jun. 1965 - 11 Mar. 1966	1966
19660078717	Flight evaluation of the operating and airstart characteristics of the J34-WE-48 ENGINE with improved combustion chamber liners in the T-2A airplane Final report, 10-19 Mar. 1966	1966
19660078719	Experimental determination of oscillatory lift and moment distributions on a fully submerged supercavitating hydrofoil, phase I	1966
19660078721	Eighth Israel Annual Conference on Aviation and Astronautics	1966
19660078722	In-space propellant orientation and venting experiments First quarterly progress report, 14 Mar. - 31 May 1966	1966
19660078723	An investigation of nonlinear system performance on the parameter plane	1966
19660078724	Graphite-core nuclear propulsion state-of-the-art - 1965 Summary report, Jan. - Dec. 1965	1966
19660078725	Two examples of the application of automated algebra to flight mechanics	1966
19660078726	Ultraviolet target radiometer Final design report, 15 Mar. 1963	1966
19660078727	The Bhatnagar-Gross-Krook equation as an approximation of the Boltzmann equation. Part II - Comparatively feasible applications Interim report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078728	Ballistic study of safety spectacle lens Technical memorandum, Jul. 1965 - Jan. 1966	1966
19660078729	Behaviour of auditory cortical neurones in response to complex sound stimuli Final technical report, 1 Mar. 1965 - 28 Feb. 1966	1966
19660078730	Structural studies on vitreous compounds Final technical report, 1 Mar. 1965 - 28 Feb. 1966	1966
19660078731	Investigation of the Langmuir probe systems of the LORV-RVIP program Final report	1966
19660078733	Qualification testing of MIL-L-23699 /WEP/ TURBOPROP and turboshaft engine candidate oil, Humble Oil and Refining Co. product WSX-6459 turbo oil Final report, Sep. 1965 - Feb. 1966	1966
19660078734	Modal expansions for radiation and scattering phenomena in the resonance region	1966
19660078735	Recognition of continuous speech by feature abstraction Final report, Apr. 1965 - Apr. 1966	1966
19660078737	Radiochemical analysis of biological and physical samples	1966
19660078738	Influence of environmental factors on chemical pathways and enzymes of human erythrocytes Final report, Feb. 1, 1964 - Jan. 31, 1966	1966
19660078739	Studies of an optically pumped Rb87 maser oscillator Final report, 1 Nov. 1965 - 31 Oct. 1966	1966
19660078740	Supersonic flames caused by secondary combustion of rocket jets in air	1966
19660078741	Studies of thin film hard super conductors Interim technical report, Oct. 26, 1964 - Oct. 25, 1965	1966
19660078742	Technical evaluation of main unit /1-10 GHz/ of noise and field intensity meter model NF-112-F Final report	1966
19660078743	Gas-metal reaction kinetics by pulsed beam mass spectrometry Second quarterly report, Mar. 1 - Jun. 1, 1966	1966
19660078744	General Dynamics/Pomona model 10101522 PM TELEMETRY transmitter spectrum utilization characteristics	1966
19660078745	Supercavitating lifting hydrofoils - Second order theory	1966
19660078749	High energy coaxial laser pumps Final technical summary report, Apr. 27, 1965 - Feb. 26, 1966	1966
19660078750	Feasibility study of the use of radar to detect surface and ground water	1966
19660078751	An experimental study of the structure of turbulence near the wall through correlation measurements in a thick turbulent boundary layer	1966
19660078752	Delta-36 Tiros OT-3 operations summary	1966
19660078754	Eveready CG-212 air-depolarized batteries in buoys Test report	1966
19660078758	Harvell-Kilgore hand-held, orange smoke, distress signals Test report	1966
19660078764	Wing shock location tests of a C-141 model at Mach numbers from 0.75 to 0.90	1966
19660078766	Vaporizing and endothermic fuels for advanced engine application Quarterly progress report no. 11, Dec. 1965 - Feb. 1966	1966
19660078769	Liners for high pressure air storage vessels Quarterly progress report, 1 Oct. - 1 Jan. 1966	1966
19660078770	Laser spectral control techniques Quarterly technical report Third quarterly report, 21 Dec. 1965 - 21 Mar. 1966	1966
19660078771	Low power proportional control crystal ovens type M6 and N13 Second quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660078772	Miniature snap action push button switch Second quarterly report	1966
19660078775	Acceptance tests of B. F. Goodrich Company foam type A, B, and C	1966
19660078777	SPARTA program Quarterly technical report	1966
19660078778	State-of-the-art study, volume II	1966
19660078781	Richardson number tables for the surface boundary layer	1966
19660078783	Results of sound pressure level measurements during altitude chamber test	1966
19660078784	An Investigation of Thermodynamic Effects on Cavitation in Water from 80 Deg F to 180 Deg F on Hemispherical-nosed Bodies	1966
19660078785	Miniature fluidic digital differential analyzer Final report	1966
19660078786	Long range seismic measurements PIN STRIPE, 25 April 1966	1966
19660078787	Studies of life span dietary sodium chloride toxicity in animals Annual progress report, 1 Aug. 1965 - 15 Jun. 1966	1966
19660078788	Operation of two observatories Final report, 1 May 1965 - 30 Apr. 1966	1966
19660078789	Servo-operated microbalance for the measurement of magnetic susceptibility	1966
19660078790	Measurement of carrier aircraft cockpit visibility during carrier approaches and landings /T-2A/B airplanes/ Third interim report	1966
19660078791	Investigation for 2000 deg F power wire Quarterly report, 22 Mar. - 21 Jun. 1966	1966
19660078792	A unified study of the shrinkage and consolidation phenomena in soils, part I Annual report, 1 Dec. 1964 - 28 Feb. 1966	1966
19660078793	A transistorized logarithmic video amplifier	1966
19660078794	Refractory metal coatings by the fused salt process Fourth interim engineering report, 1 Apr. - 30 Jun. 1966	1966
19660078795	Space encounter modeling study. Volume II - Mathematical models Final report, 28 Feb. 1964 - 28 Feb. 1965	1966
19660078796	Soviet cybernetics - A review of recent psychological, physiological, and behavioral developments	1966
19660078797	Investigation of particle growth and ballistic effects on solid propellant rockets Final report, 1 Jan. - 31 Dec. 1965	1966
19660078798	A new method for the deoxygenation of pyridine N-oxides Technical report, Mar. 1965 - Jan. 1966	1966
19660078799	Single crystal silicon films on insulating substrates Final report, 1 May 1965 - 30 Apr. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078800	Experimental study of kinetic secondary electron emission Technical report, 1 Aug. 1963 - 31 Oct. 1965	1966
19660078803	The application of gas chromatography to the analysis of certain hydrocarbon fuels	1966
19660078804	Frequency converter units for Ku-band to Ka-band operation Interim development report, 1 Mar. - 31 May 1966	1966
19660078805	Modulation of the flame spectrometric signal by means of intermittent sample supply to the flame	1966
19660078806	Disruption of Punished and Non-punished Behavior by Stimulus Change Technical Report No. 66-5	1966
19660078807	A survey of low-frequency real-time spectrum analyzers and techniques Summary report, Jul. 1965 - Apr. 1966	1966
19660078808	RADC radio frequency interference prediction program Technical report, Jun. 1964 - Jan. 1966	1966
19660078809	Methods for downward continuation of gravity Scientific report no. 6	1966
19660078810	Supporting research and development for photo-tape strip camera development Final report, May - Dec. 1965	1966
19660078811	Ruby laser effects on ocular structures	1966
19660078812	Stimulation of RNA synthesis, protein synthesis, and abscission by ethylene	1966
19660078813	Studies of gravity in space according to Bjerhammar Final technical report, 1 Apr. 1965 - 31 Mar. 1966	1966
19660078814	Maintenance-free silver-cadmium batteries for aircraft emergency applications Quarterly technical progress report, Mar. 1 - May 31, 1966	1966
19660078815	Approximate laminar shear layer profiles formed by combination of universal functions	1966
19660078816	Gridded amplifier tubes for pulsed C-band frequencies Second quarterly progress report, 15 Dec. 1965 - 14 Mar. 1966	1966
19660078817	High-information-density storage surfaces Third quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660078818	Frequency temperature compensation techniques for quartz crystal oscillators Tenth quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660078819	Automatic Detection and Display Equipment for Moving target indication /ADDEM/ First quarterly progress report, 9 Nov. 1965 - 31 Jan. 1966	1966
19660078820	High energy oxidizers Technical summary report, Feb. 1 - Jun. 15, 1966	1966
19660078821	Dynamic instability of circular, cylindrical shells having viscoelastic cores	1966
19660078822	Calibrated radiometers for use in hypervelocity ranges Technical report, Jun. 1, 1963 - Dec. 31, 1965	1966
19660078823	Development of extruding, drawing, and heat treating processes for thin steel extrusions Interim engineering progress report no. 4, 1 Apr. - 30 Jun. 1966	1966
19660078824	Informal meeting on electrochemistry and electrolyte solutions	1966
19660078825	High energy oxidizers in solution /U/ Technical quarterly progress report no. 13, 15 Feb. - 15 May 1966	1966
19660078826	Evaluation of the Wenograd test /U/ Final report	1966
19660078831	Stage I Minuteman /M55A1/ production support. Appendix A - Development of a hydrazinium diperchlorate propellant /U/ Final report, 1 Jul. 1964 - 15 Sep. 1965	1966
19660078841	Initial Test Evaluation of the M-1 Liquid Hydrogen Turbopump Including Installation, Test Procedures, and Test Results	1966
19660078843	A study of data link characteristics for Army Tactical Airspace Regulation System /U/ Technical interim report no. 1, 1 Jun. - 30 Nov. 1965	1966
19660078850	Preliminary design of hypersonic high L/D TEST vehicles. Volume 1 - Summary /U/ Final report	1966
19660078851	Advanced rocket engine--storable /U/ Fourth quarterly technical progress report, Apr. - Jun. 1966	1966
19660078852	Hot gas secondary injection thrust vector control demonstration program project 2000 /U/ Quarterly technical report no. 1, 15 Feb. - 31 May 1966	1966
19660078853	Stabilization of the LMH-2/MMH fuel /U/ Quarterly technical progress report no. 1, Apr. 1 - Jun. 30, 1966	1966
19660078854	A study of the explosion limits of simple difluoramino compounds /U/ Interim report, Apr. 1, 1963 - Jan. 31, 1966	1966
19660078855	Research on high energy oxidizers for advanced solid rocket propellants /U/ Quarterly progress report, Mar. 16 - Jun. 15, 1966	1966
19660078856	Energetic oxidizer manufacturing process for advanced solid propellants /U/ Interim engineering progress report, 16 Mar. - 15 Jun. 1966	1966
19660078857	Oxidizer encapsulation /U/ Fourth quarterly interim engineering progress report, 1 Apr. - 30 Jun. 1966	1966
19660078858	Interim solid payload for Project TIARA /U/	1966
19660078859	Chemiluminescence of tetrakis/dimethylamino/ ethylene at low temperatures /U/	1966
19660078861	[No Title]	1966
19660078862	EPR study of NF decomposition /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19660078863	Study and improvement of the S-1 photoemissive surface /U/ Tenth quarterly report no. 30, 1 Aug. - 31 Oct. 1965	1966
19660078864	Test results of the AN/APG-53A air-to-air ranging mode /U/ Technical report, Aug. 1964 - Apr. 1965	1966
19660078865	Ablative plastics characterization. Part II - Critical environments and additional arc-heater screening Final summary report, 15 May 1965 - 15 Apr. 1966	1966
19660078866	Properties of glasses at elevated temperatures Technical documentary report, Jan. - Dec. 1965	1966
19660078867	A new detector amplifier for rotating beam ceilometers	1966
19660078868	Theoretical analysis of the heated jet pump and design of a test facility	1966
19660078869	Engineering flight test results of the final phase 100 percent structural demonstration	1966
19660078870	Investigation of transition metal oxides Final technical report, Mar. 1965 - Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078871	Computer program for sequencing tabulated data	1966
19660078872	Inorganic laser materials Final report, Aug. 4, 1964 - Feb. 3, 1966	1966
19660078873	Research and design studies of a radiation hardened sampled data system Technical report, Apr. 1965 - Apr. 1966	1966
19660078874	Manufacturing methods for phase shifters Interim engineering progress report, 1 Feb. - 30 Apr. 1966	1966
19660078875	Process development program - Nitroso rubber terpolymer Interim engineering progress report, 8 Mar. - 17 Jun. 1966	1966
19660078876	Study of microwave generation by means of interaction with an anisotropic media Quarterly report no. 3, 1 Dec. 1965 - 28 Feb. 1966	1966
19660078877	A numerical model for three day thickness forecasts	1966
19660078879	AS-501/S-IC stability analysis considering four different control systems	1966
19660078880	Thermal analysis and meteoroid protection of space radiators	1966
19660078881	Forces and moments on a hydrofoil running under regular waves Final report, Oct. 1965 - Mar. 1966	1966
19660078882	Fireball phenomenology and code development. Volume IV - Sputter subroutines for radiation transport in planes Technical report, 1 Jun. 1963 - 13 Jul. 1965	1966
19660078883	An investigation of the effect of acceleration of the burning rate of composite propellants	1966
19660078884	The effects of nonsteady flow on the pressure distribution about a circular cylinder	1966
19660078885	Operating and maintenance instructions for 5-kVA hydrocarbon-air fuel cell system, volume II	1966
19660078886	High power broadband multi-throw diode switches Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19660078887	Thermodynamic and kinetic studies of borides and other refractory materials at high temperatures Second annual summary technical report, 1 Jan. - 31 Dec. 1965	1966
19660078888	Miniature snap action push button switch Third quarterly report, 15 Jan. - 14 May 1966	1966
19660078889	Reliability and quality assurance program Quarterly status report, 1 Apr. - 30 Jun. 1966	1966
19660078890	Nonlinearity, weather prediction, and climate deduction Final scientific report, Mar. 1963 - Feb. 1966	1966
19660078891	Electronic camera systems study and investigation Final report, 1 Oct. 1964 - 15 Feb. 1966	1966
19660078892	Development of a 4.2 deg K cryogenic refrigerator system Final report, 1 Feb. 1964 - Dec. 1965	1966
19660078894	Development of bar process for TD nickel- molybdenum alloy Phase I report, 1 Jul. 1965 - 20 May 1966	1966
19660078895	DC shift seismometer Final report, 1 Aug. 1965 - 15 Jun. 1966	1966
19660078896	Combustion stability limits calculated utilizing a nonlinear model Final report, 1 Apr. 1965 - 31 May 1966	1966
19660078897	The Electrical Properties of Ceramic Insulators at High Temperatures and in Radiation Fields	1966
19660078898	Gas Content Effects on Cavitation Number in Water in a Cavitating Venturi Technical Report No. 19	1966
19660078900	A Study of Circadian Rhythms Semiannual Report	1966
19660078901	Vehicle lunarization study U. S. Army M- 274 "Mule" vehicle. Volume I - Summary Final report	1966
19660078902	Vehicle lunarization study U. S. Army M- 274 "Mule" vehicle. Volume II, part 1 - Technical discussion Final report	1966
19660078903	Vehicle lunarization study U. S. Army M- 274 "Mule" vehicle. Volume II, part 2 - Appendix Final report	1966
19660078904	Materials research - Status and recommendations	1966
19660078905	Turbulent wake and shock shape of hypervelocity spheres	1966
19660078906	Missile-borne semi-active radar guidance /Mosaic Radar/ Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660078907	The movement pattern as an index of fatigue Progress report, 1 Sep. 1964 - 30 Sep. 1965	1966
19660078908	Manufacturing process development for superalloy cast parts Third interim engineering report, 1 Jan. - 31 Mar. 1966	1966
19660078909	Microwave resonant cavity measurement of shock produced electron precursors	1966
19660078911	Stokes flows in rotating incompressible fluids	1966
19660078912	Kinetic theory solution for the spherical electrostatic probe in a stationary plasma	1966
19660078913	Aerial Reconnaissance Mobile Photographic Laboratory, designated - Types ES-40A FINAL technical test report	1966
19660078914	Investigation of the boron phosphide system Interim engineering report, 1 Jan. - 31 Mar. 1966	1966
19660078915	Digital and electrical analogue techniques for solving heat flow problems in aircraft thermal insulation	1966
19660078916	Evaluation procedures for reliability, maintainability, and effectiveness of microelectronics Final report, 29 Apr. - 24 Sep. 1965	1966
19660078917	Comparison of nonlinearities in microelectronic and conventional circuits Interim technical report	1966
19660078918	Engineering properties of three experimental production heats of maraging steel /HY-180/	1966
19660078919	Development of a microelectronics capability and facility at RADC	1966
19660078920	Epidemiological, ecological and biochemical studies on tick-borne encephalitis /TBE/ VIRUS Final technical report, 1 Mar. 1965 - 28 Feb. 1966	1966
19660078921	Development of a micrometeoroid accelerator Quarterly progress report no. 1	1966
19660078922	Development of a micrometeoroid accelerator Quarterly progress report no. 2, Mar. - Jun. 1966	1966
19660078923	An Experimental and Analytical Study of the Heat Transfer and Flow Mechanics of High Velocity Condensing Vapors First Semiannual Status Report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660078925	On the melting transition of high-molecular- weight DNA	1966
19660078926	Numerical aspects of Wu's method for cavitated flow, as applied to sections having rounded noses	1966
19660078927	Program 572 analytic reliability demonstration report. Volume I - Analysis	1966
19660078928	Performance analysis and initial tests of a transonic turbine test rig	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078929	Propagation medium RF noise Interim technical report	1966
19660078930	Performance evaluation of a 28-ft Do RS PARACHUTE with emergency release device Final report, Sep. 1964 - Sep. 1965	1966
19660078932	Research for development of a superior titanium alloy for use up to 1200 deg F Final technical report, 1 Jul. 1965 - 28 Feb. 1966	1966
19660078933	Preliminary design of a corner-expansion thrust vectoring nozzle for subsonic VTOL AIRCRAFT Final report	1966
19660078934	Accessory Products Company 1/4 inch manual regulator P/N 143300, 10,000/0-200 PSIG service	1966
19660078935	Sage Engineering and Valve Company 1 inch relief valve /0.187 inch orifice/ P/N 501-16 3,000 PSIG service	1966
19660078936	Probability distributions for propellant used in the control of disturbing torques	1966
19660078937	Power density probability distribution below the ocean surface of a beam of collimated optimal radiation obliquely incident on the surface	1966
19660078938	Operating parameters of a Linde Arc Radiation Source /LARS/ for terrain illumination	1966
19660078939	The strength and structure of epitaxial films Final report, 1 Mar. 1965 - 1 Mar. 1966	1966
19660078940	Reusable aerospace passenger transport launch mode comparison study, research and technology implications	1966
19660078942	Pneumatic construction in theory and practice	1966
19660078943	Project SOPHY - Solid propellant hazards program Third quarterly progress report, 1 Mar. - 31 May 1966	1966
19660078944	Precise tactical navigation /secure/ techniques Quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660078947	Light-polarizing and reflectance properties of natural terrain and man-made surfaces /U/ Technical report, Apr. 1963 - Mar. 1965	1966
19660078955	Stage I Minuteman /M55A1/ production support /U/ Quarterly progress report	1966
19660078956	Sensitivity fundamentals /U/ Annual technical progress report 66-2, Mar. 15, 1965 - Mar. 14, 1966	1966
19660078958	Subproject 3 - Image interpretation and automatic optical detection /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19660078959	Research in high-energy propellant ingredients, 1 April - 30 June 1966 /U/	1966
19660078960	High pressure chemistry of hydrogenous fuels /U/ Final report, Mar. 9, 1965 - Mar. 8, 1966	1966
19660078961	Non-planar reflector array /ARPON-MORU/ STUDY /U/ Second quarterly report, 28 Sep. - 28 Dec. 1965	1966
19660078962	Advanced cryogenic rocket engine program staged-combustion concept /U/ Quarterly report no. 1, 1 Mar. - 31 May 1966	1966
19660078964	Ozone feasibility study Second quarterly technical report, Mar. 15 - Jun. 14, 1966	1966
19660078965	Prospective antiradiation agents Final technical report, Aug. 1, 1959 - Aug. 31, 1965	1966
19660078967	Surface characteristics effect on thermal regime, phase I	1966
19660078968	Technical evaluation of radar test set AN/UPM-96 /Modified/ Final report	1966
19660078969	Model GTP331-30 gas turbine engine Test phase engineering report, Dec. 8, 1965 - May 12, 1966	1966
19660078970	Spectrum analysis of rainfall for equatorial Pacific islands Final technical report, 1 Apr. 1965 - 31 Mar. 1966	1966
19660078971	Soldering of component leads and wire conductors to thin film and thick film circuits using resistance welding machines Final report	1966
19660078972	Use of vegetation as an indicator for soil properties under desert conditions First annual report, Jan. 7, 1964 - Jan. 10, 1965	1966
19660078973	Laser inflight obstacle detection device Quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660078974	Study of thin film oxide electrolytes Progress report no. 1, Mar. 1 - Jun. 1, 1966	1966
19660078975	Research on a high energy non-aqueous battery system Second quarterly progress report, Mar. 1 - May 31, 1966	1966
19660078977	Perception of single and mixed odors in man Final technical report	1966
19660078978	A fast, direct, and accurate technique for the blunt body problem. Part I - Analysis	1966
19660078979	The effect of overstimulation and internal factors on the function of the inner ear Final report, 1 Jun. 1955 - 1 Jul. 1965	1966
19660078980	C-5A flight control report /aerospace vehicle/. Flight control subsystem, volume I	1966
19660078981	Directional sensitivity and energy dependence of the Gemini dosimetry system	1966
19660078982	Digital data terminal AN/GYC-1 Interim report	1966
19660078983	Development of a strain measuring standard for temperatures up to 1370 deg C Progress report no. 1	1966
19660078984	Initiation of explosion by drop hammer machine	1966
19660078986	Development of a long life O-ring compound for use in aircraft hydraulic systems using MIL-H-5606 fluids at pressures up to 3000 psi and temperatures ranging from minus 65 deg F to plus 275 deg F Summary report, Jul. 1964 - Mar. 1966	1966
19660078987	Ignition thresholds for large-yield nuclear weapons	1966
19660078988	Integrated magnetic variable gain networks Fifth interim technical report, 1 Feb. - 30 Apr. 1966	1966
19660078989	Influence of vent design on flow-dependent acoustic losses of a resonator with steady gas flow Final technical report	1966
19660078991	Investigation of porous lithium battery electrodes Third quarterly technical progress report, 15 Jan. - 15 Apr. 1966	1966
19660078992	Image synthesizer development Interim technical report nos. 6, 7, 16 Sep. 1965 - 15 Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660078994	Nonparametric estimation of reliability and other life quality parameters Second quarterly report, 23 May - 23 Aug. 1966	1966
19660078995	Investigations concerning the formation of coarse grain in extrusion profiles and molded pieces from alloys of the AlCuMgSi type	1966
19660078996	Age Hardening and Stress-corrosion Cracking Behavior of ALZnMg3	1966
19660078997	Modulation of the Flame Photometric Signal by Means of Alternating Sample Supply to the Flame	1966
19660078999	A trial of objective weather forecasting /second report/	1966
19660079000	A doubly bridged ferrocene	1966
19660079001	Atmospheric Variation Systems and Procedure for Their Analysis	1966
19660079002	Statistical analysis and experimental design for arc image furnace experiments	1966
19660079003	Study of the mechanics of non-Newtonian fluids First quarterly status report, period ending 26 Sep. 1966	1966
19660079004	Lunar backscatter and antenna polarization studies for the Anchored Interplanetary Monitoring Platform /AIMP/ Final report	1966
19660079005	Investigation of long range intercept and analysis techniques Quarterly report no. 1, 29 Dec. 1965 - 31 Mar. 1966	1966
19660079006	Ceramic systems for missile structural applications Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19660079008	Internal friction of martensite Final technical report, 1 Mar. 1965 - 28 Feb. 1966	1966
19660079010	Reentry Radiation and Air Flow Seventeenth Quarterly Progress Report, 1 Jun. - 31 Aug. 1966	1966
19660079011	Investigation of the Neurological Correlates of Information Reception Progress Report, 1 Jan. - 30 Jun. 1966	1966
19660079012	The Physiology and Metabolism of Hydro- Genomonas Eutropha Second Quarterly Progress Report, Jun. 1 - Aug. 31, 1966	1966
19660079013	Design and experimental studies on methods of cooling electronic equipment enclosures Summary report	1966
19660079014	A Study of the Growth of Bacteria at Low Temperature with Mutants of Pseudomonas Putida A 312 which Have an Increased Minimal Temperature of Growth Progress Report, 1 Jan. - 30 Jun. 1966	1966
19660079015	Data processing for improved antenna resolution Third quarterly report, 29 Nov. 1965 - 25 Feb. 1966	1966
19660079016	A generalization of the Gabor-Helstrom transform Interim technical report	1966
19660079017	Applied research in thin-film field-emission tubes Second quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660079018	Gaseous ion laser research Interim engineering report, 1 Apr. - 30 Jun. 1966	1966
19660079019	Engineer route reconnaissance feasibility study Interim technical report, 1 Nov. - 31 Dec. 1965	1966
19660079020	Approximate structural analysis techniques employing undetermined parameters Final report, 30 Jun. 1965 - 17 Mar. 1966	1966
19660079021	Rolling-contact fatigue characteristics of aircraft turbine engine lubricants Technical report, Feb. 1 - Dec. 31, 1965	1966
19660079022	Surface and microstructural influence on flexure strength of dense, polycrystalline MgO Technical report, Feb. - Oct. 1965	1966
19660079023	Photographic Interpretation Research Division quarterly progress report, March - May 1966	1966
19660079024	Electrofluid hypersonic research Final technical report	1966
19660079025	Flat plate turbulent boundary layer static temperature distribution with heat transfer	1966
19660079026	Quarterly reliability and quality assurance report. Volume II - Quality assurance, April - June 1966	1966
19660079027	Optimum filtering	1966
19660079028	Gas tungsten-arc /TIG/ welding Interim engineering progress report, 1 Mar. - 31 May 1966	1966
19660079029	An iterative procedure for solving the discrete terminal control problem	1966
19660079031	Re-entry vehicle control system design and mechanization Final report, Jun. 1, 1964 - Aug. 1, 1965	1966
19660079032	Glass fibre reinforced polycarbonate. Part I - The mechanical characteristic pattern	1966
19660079033	Local seismic monitoring Final technical report, Aug. 1964 - Oct. 1965	1966
19660079034	Phonon interactions in crystals Eleventh quarterly progress report, 15 Nov. - 14 Feb. 1966	1966
19660079035	Frequency multiplier Final report, 1 Dec. 1964 - 28 Feb. 1966	1966
19660079036	Greases based on perfluoro polymeric fluids. A new class of greases for aerospace use Technical report, 1 Jan. 1963 - 15 Mar. 1965	1966
19660079037	GLOW Semiannual report	1966
19660079038	The impedance of arbitrarily fed planar self-complementary structures, June - August 1965	1966
19660079039	Infrared modulator utilizing free carrier absorption for CO2 laser Interim technical report, Mar. 15 - Jun. 15, 1966	1966
19660079041	Inelastic buckling of columns in the conventional testing machine Technical report no. 19	1966
19660079042	Investigation of pre-detection filtering techniques Quarterly report no. 3, 1 Jan. - 31 Mar. 1966	1966
19660079044	Cockpit acoustical noise survey and evaluation of proposals to reduce cockpit noise in the F-4 airplane First final report, 5 May - 16 Jun. 1966	1966
19660079047	Apollo Lunar Surface Drill (ALSD), Phase C Final Report/Phase D Technical Proposal	1966
19660079048	Apollo lunar surface drill - Technical data, reports and analysis Final report	1966
19660079049	Large-area electronic display panel Third quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660079050	Electronic control of laser beams First quarterly report	1966
19660079051	Evaluation of a 35,000 pound cargo unit-load extraction system	1966
19660079052	The effect of nuclear radiation on dispersion fuel materials	1966
19660079054	Five new single-component anaerobic, self-curing polyester, adhesives	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079058	Far infrared laser receiver investigation Interim technical report, 1 Mar. - 31 May 1966	1966
19660079059	Flight tests of the CROW horizon-scanning autopilot	1966
19660079060	Fluids, lubricants, fuels and related materials Technical report, 15 Dec. 1964 - 14 Mar. 1966	1966
19660079061	Development of lightweight broadband radomes from slip-cast fused silica Interim technical report, 1 Mar. - 31 May 1966	1966
19660079063	Development of 9000 deg K, 1400-atm hot-shot gas source for pulsed MHD accelerator	1966
19660079064	Diode, millimeter wave type mixer /3.2 mm/ Ninth quarterly report, 1 Oct. - 31 Dec. 1965	1966
19660079071	F-111 rocket motor	1966
19660079077	Thermal resistant propellant for emergency egress rockets	1966
19660079078	High temperature-resistant HMX propellant for PAD applications	1966
19660079081	Development of a technique to eliminate the falling mass hazard of the propulsion stage of a meteorological rocket	1966
19660079083	Evaluation of characteristics affecting attainment of optimum properties of ablative nozzle components	1966
19660079084	Second-generation meteorological sounding vehicles from available solid-propellant motors	1966
19660079085	The internal ballistics of slotted tube solid propellant rocket motors	1966
19660079086	Applications Technology Satellite /ATS/ APOGEE rocket motor	1966
19660079087	A unique motor delivering preselected, accurately controlled impulse	1966
19660079091	Measurement of internal and external motor conditions during processing	1966
19660079093	Development of a ripcord slot-forming rocket motor mandrel	1966
19660079095	Development of lightweight inert foam mandrels for ejection during ignition of solid propellant rocket motors	1966
19660079096	Effect of surface modification on the properties of ammonium perchlorate	1966
19660079105	An experimental investigation of the effects of acceleration on the combustion characteristics of an aluminized composite solid propellant	1966
19660079106	The combustion of polymers	1966
19660079107	Experimental studies of the combustion zone of composite propellants	1966
19660079120	Hot gas valves for directional control of thrust in solid rocket engines	1966
19660079121	Perturbation of supersonic flow by secondary injection	1966
19660079122	Experimental thrust vector control performance of perchlorate solutions	1966
19660079129	Small finite deformation theory for solid propellant materials	1966
19660079130	Research in chemistry /U/ Quarterly progress report, Jan. - Mar. 1966	1966
19660079131	Space Programs Summary No. 37-40, Volume V for the Period April 1, 1966 to July 31, 1966. Supporting Research and Advanced Development (U)	1966
19660079133	Technical evaluation of the AN/ART-45/XN-1/ RADIO transmitting set /U/	1966
19660079145	Electrolytic calibration of gas analyzers	1966
19660079146	Analysis of Radar Electronic Scan Technique /REST/ Technical report, 1 Jun. 1965 - 22 Jun. 1966	1966
19660079147	The physics of hemoglobin	1966
19660079148	Engineering model of the Sperry fluid rotor gyro	1966
19660079149	Advanced army aircraft instrumentation system Final report, 1 Mar. 1965 - 1 Feb. 1966	1966
19660079150	Translational freezing in freely expanding jets	1966
19660079152	Athena flight number 047 /14 July 1966/ Meteorological data report	1966
19660079153	Display oriented computer usage system Interim report, Oct. 1964 - Apr. 1966	1966
19660079154	The far wake behavior of hypersonic spheres	1966
19660079155	Field strength measurements, phase II FINAL report, Jan. 1964 - Jul. 1965	1966
19660079156	Accuracy comparison of modified and unmodified 2.75-inch /FFAR/ rockets fired from an airborne armed Chinook helicopter	1966
19660079157	Investigation of Thomson scattering from the free electrons in a plasma Final report	1966
19660079159	Static and dynamic longitudinal stability characteristics of a series of delta and sweptback wings at supersonic speeds	1966
19660079160	Preliminary flight evaluation of the F-111B PRIMARY flight displays First interim report	1966
19660079163	Wideband optical modulator technique Quarterly report no. 3, Jan. 1 - Apr. 1, 1966	1966
19660079164	Bulk effect oscillators for frequency control First quarterly report, 1 Jan. - 30 Mar. 1966	1966
19660079166	Baked-Enamel-Finished Aluminum Strip for Decorative Purposes-Manufacturing Methods and Properties	1966
19660079167	Development of nondestructive testing system for analysis and control of residual machining stresses Interim engineering progress report, 1 Mar. - 31 May, 1966	1966
19660079168	Determination of performance and blade stall characteristics of UH-2 helicopter with the -209 blade Final report	1966
19660079169	Airdrop impact compability of the Redeye missile tripak container /production model/	1966
19660079170	Advanced techniques for integrated circuit distributed arrays Interim report no. 2, Mar. 1 - May 31, 1966	1966
19660079171	Principles governing the behavior of solid materials in severe high temperature environments Final report, Mar. 8, 1965 - Apr. 30, 1966	1966
19660079172	Kinetics of the W-O2 reaction	1966
19660079173	Kinetics of the W-CO2 reaction	1966
19660079174	Studies of the W-H2O reaction	1966
19660079175	Studies of graphite-CO2 reactions	1966
19660079176	Exploratory corrosion studies	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079177	Mass-spectrometric studies	1966
19660079178	Preparation and properties of skeletal carbide composites	1966
19660079179	Mass-spectrometric study of the oxidation of tungsten	1966
19660079180	Arc-image stagnation-flow reactor for measuring kinetics of gas-solid reactions from 2000-3000 deg K	1966
19660079181	Time-lapse microscope-camera for measuring surface recession at high temperatures in the arc-image stagnation-flow reactor	1966
19660079182	Kinetics of decomposition of solid oxidizers Second quarterly report, 1 Mar. - 31 May 1966	1966
19660079183	An investigation of the pulsed inductive acceleration mechanism for application to low total impulse missions	1966
19660079184	Interference effects of cold and hot rocket exhausts issuing normal to the airstream from a flat plate at freestream Mach numbers from 0.6 to 1.4	1966
19660079185	A method for improving a dynamic model using experimental transient response data Technical report, Jan. - Dec. 1965	1966
19660079186	Micropower functional electronic blocks Interim technical report, 15 Feb. - 15 May 1966	1966
19660079187	Use of RF bridge for reentry plasma diagnostics	1966
19660079188	The Modularized Vehicle Simulation /MVS/ SYSTEM	1966
19660079189	Effects of time elapsed between surface preparation and bonding on adhesive joint strength	1966
19660079190	Basic research in microwave device and quantum electronics Quarterly progress report, 1 Dec. 1965 - 1 Mar. 1966	1966
19660079191	Basic principles of self-replicative information storage in chemical systems Final report, Jun. 1965 - Jun. 1966	1966
19660079192	Alloying-element/dispersed-phase interactions in tungsten-base alloys	1966
19660079193	Optical determination of true temperatures of luminescent flames	1966
19660079194	The theoretical characteristics of one-lobed parawings in combined pitch and sideslip	1966
19660079195	Research on electron-photon interaction phenomena Interim technical report, 3 Dec. 1965 - 2 Mar. 1966	1966
19660079196	Research on gas plated refractory metal coatings for liquid metal compatibility investigation Technical summary report, 1 Nov. 1964 - 1 Nov. 1965	1966
19660079197	Research and investigation of gallium arsenide-indium arsenide alloy systems, part II Annual report, 1 May 1965 - 30 Apr. 1966	1966
19660079198	Radioisotope tracing of metallic deposits near a coaxial plasma gun exhaust	1966
19660079202	High contrast versus standard electroluminescent panels on the identification of symbology Final report	1966
19660079207	Lariat and the Air Force Avionics Laboratory Electrooptical Research Facility /U/	1966
19660079208	Etched core microchannel materials processing /U/ Interim report, 1 Sep. - 1 Dec. 1965	1966
19660079209	Photoelectron limited integrating image intensifier tubes /U/ Final report	1966
19660079211	Improved infrared photocathodes /U/ Interim technical report, 28 Dec. 1965 - 28 Mar. 1966	1966
19660079212	Formulation and evaluation of liquid propellant dispersions /U/ Quarterly technical progress report no. 7, Apr. - Jun. 1966	1966
19660079213	The properties of a new acrylic monomer /U/	1966
19660079214	Rapid determination of vapor pressure in a static, semimicro system /U/	1966
19660079215	Structural integrity studies of the Sargeant propellant grain /U/ Final report	1966
19660079221	Investigation of liquid-metal hydrides /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19660079222	Reaction of IBA and t-butyl difluoramine with antimony pentachloride /U/	1966
19660079223	Preliminary design of hypersonic high L/D TEST vehicles. Volume 2 - Technical discussions /U/ Final report	1966
19660079224	Preliminary design of hypersonic high L/D TEST vehicles. Volume 3 - Technical discussions /U/ Final report	1966
19660079225	Testing a Modified Oxidizer Boiloff Valve with 50 Per Cent Flox /U/ Final Report	1966
19660079226	Physico-chemical characterizations of high-energy storable propellants /U/ Quarterly progress report, Apr. - Jun. 1966	1966
19660079227	Test evaluation of the oxidizer turbopump of the M-1 engine including test facility, procedures, test results and disassembly inspection /U/	1966
19660079229	Guided missile propulsion /liquid/ exploratory development /U/ Technical report, Jan. - Mar. 1966	1966
19660079230	Small diameter /4-8 inches/ prepackaged powerplant /U/	1966
19660079231	Intermediate diameter /12 inch/ prepackaged powerplant /U/	1966
19660079232	Large diameter /over 20 inches/ prepackaged powerplants /U/	1966
19660079233	High chamber pressure investigation /U/	1966
19660079236	RF Hazards to Electroexplosive Devices (U) Final Report	1966
19660079241	Flight demonstration of an all-mechanical control system for V/STOL aircraft /U/ Final technical report, 28 Apr. 1964 - Apr. 1966	1966
19660079245	On certain reentry radiation measurements for the LORV 5 and LORV 6 /U/ Scientific report no. 2	1966
19660079246	Optical radiation of particle flow from R/V ABLATION /U/ Final report	1966
19660079256	Steady-state and transient performance of the sidelobe canceller /U/	1966
19660079258	TRAP re-entry data report for WTR test no. 7642 /U/	1966
19660079259	TRAP re-entry data report for Athena flight 032 /U/	1966
19660079264	Reliable Solid-State Circuits Semiannual Report No. 3, 1 Dec. 1965 - 30 Jun. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079265	Preliminary design study of a lunar gravity simulator Second interim report	1966
19660079269	Research and development study of the silver- cadmium couple for space application Final report	1966
19660079270	Research on the Space Program Sixth Progress Report, 15 Mar. - 15 Sep. 1966	1966
19660079271	Application of advanced solid and hybrid motors to sounding rockets. Volume I - Summary of conclusions and recommendations Final report	1966
19660079272	Planetocentric guidance techniques for low- thrust space vehicles Final report, Jul. 1965 - Jun. 1966	1966
19660079273	Cosmic Ray Investigations of Elementary Particle Phenomena at Very High Energies Status Report, 1 Feb. - 31 Jul. 1966	1966
19660079274	Application of advanced solid and hybrid motors to sounding rockets. Volume II - Study details Final report	1966
19660079275	The Cultivation of Hydrogen-fixing Bacteria Thirteenth Quarterly Status Report, 1 Apr. - 30 Jun. 1966	1966
19660079276	Transient heat transfer Final report	1966
19660079277	The development of computational techniques for the identification of linear and nonlinear mechanical systems subject to random excitation Second quarterly report	1966
19660079278	Research and development programs Quarterly report, Apr. - Jun. 1966	1966
19660079279	Data conditioning and display for Apollo prelaunch checkout - Critical test path displays	1966
19660079281	Evaluation of molybdenum gravity gradient rods Final report, 1 Sep. 1965 - 1 May 1966	1966
19660079282	Development of pressure transducer with direct digital output Fifth quarterly progress report, 1 May - 31 Jul. 1966	1966
19660079283	Gravity gradient stabilization system elements and antenna structures /long booms for ATS/ INTERIM report, 26 Jan. - 15 May 1966	1966
19660079287	156-inch diameter motor liquid injection TVC PROGRAM, volume I, book 1 /U/ Final report, 1 Apr. 1965 - 31 Mar. 1966	1966
19660079288	156-inch diameter motor liquid injection TVC PROGRAM, volume I, book 2 /U/ Final report, 1 Apr. 1965 - 31 Mar. 1966	1966
19660079289	156-inch diameter motor liquid injection TVC PROGRAM, volume II /U/ Final report, 1 Apr. 1965 - 31 Mar. 1966	1966
19660079290	156-inch diameter motor liquid injection TVC PROGRAM, volume III /U/ Final report	1966
19660079293	[No Title]	1966
19660079294	Maraging steel for liquid propellant tankage /U/	1966
19660079297	Three-axis laser angular rate sensor /U/ Quarterly report no. 1, 1 Apr. - 30 Jun. 1966	1966
19660079298	Antenna studies in ionized media /U/ Final report	1966
19660079299	Advanced lift engine hover control and installation techniques /U/	1966
19660079300	Redeye research and development program /U/ Monthly report, May 1966	1966
19660079301	High energy oxidizer stabilization studies /U/ Final report, 14 Jan. 1965 - 14 May 1966	1966
19660079303	FASOR I - Propagation losses and echo- ranging results /U/ Research and development report, May 1964 - Dec. 1965	1966
19660079305	Propulsion Development Department review. Part 1 - Propulsion techniques, systems, and analysis /U/ Progress report, Apr. - Jun. 1966	1966
19660079307	ALTAIR program /U/ Quarterly technical summary report, period ending 30 Jun. 1966	1966
19660079308	Research on advanced solid propellants /U/ Quarterly progress report, Mar. 11 - Jun. 10, 1966	1966
19660079309	Mechanisms of light-metal hydride reactions /U/ Final report, 1 Jul. 1964 - 31 May 1966	1966
19660079310	Research on multilayer single crystals /U/ Final report	1966
19660079311	Pilot Plant operations /U/ Technical progress report, 1 Jul. - 30 Sep. 1965	1966
19660079312	Hybrid motor concepts /II/ - Development of a tandem solid-hybrid motor for zoning demonstration /U/	1966
19660079314	Investigation of impaction mechanisms of particles on collectors in turbulent flow /U/ Summary report, 20 Nov. 1965 - 19 Feb. 1966	1966
19660079315	Research on ultra-high impulse propellant systems /U/ Progress report, Jan. 1, 1965 - Jun. 30, 1966	1966
19660079316	Research on the Thermicon image tube /U/ Quarterly report, Jan. 10 - Apr. 9, 1966	1966
19660079317	Research on ultra-high impulse propellant systems /U/ Progress report, Jan. 1 - Mar. 31, 1966	1966
19660079318	Slender cone wake ionization measurements in a free-flight ballistics range /U/	1966
19660079319	Study of polarization techniques for target enhancement /U/ Technical report, 1 Jun. 1965 - 1 Mar. 1966	1966
19660079321	Night-vision devices and quieted aircraft for patrol at night /U/	1966
19660079323	A simulation study of multi-sensor target recognition /U/ Final report, 5 May - 5 Nov. 1965	1966
19660079324	Development of the theoretical and technological prerequisites to field investigation of particulate agent behavior Quarterly progress report, Jan. - Mar. 1966	1966
19660079325	Development of on-line system for computer- aided design of integral circuits Interim engineering progress report, 1 Mar. - 31 May 1966	1966
19660079326	Development of new techniques for the improvement of crossed-field amplifiers Interim development report, 15 Dec. 1965 - 14 Mar. 1966	1966
19660079327	Canadian participation in Operation "Distant Plain", shots 1 and 2	1966
19660079329	Atlas trajectory and performance analysis SLV-3/Agema/ATS program	1966
19660079330	Application of a microwave technique to the measurement of electron density and relaxation time	1966
19660079331	Determination of the maximal diameter of bubbles oscillating under the effect of ultrasonic radiation	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079332	Development of an improved manufacturing process for the production of higher purity superalloy powders Interim engineering progress report no. 1, 1 Apr. - 1 Jul. 1966	1966
19660079333	Studies of metabolism and mechanisms of destruction of the formed elements of the blood Annual progress report, 1 Aug. 1965 - 31 Jul. 1966	1966
19660079334	Study and investigation of a UHF-VHF ANTENNA Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19660079335	Convective instabilities driven by electromagnetic waves	1966
19660079336	Contribution to the durchschlag problem of thin-walled spherical shells /experiments and design formulas/	1966
19660079337	Compilation of brush and brushless type shaft position analog-to-digital encoders	1966
19660079338	Calibration of an airborne X-band radar for measurement of terrain radar returns - AN/APS-73/XH-4/ radar set, volume II FINAL report	1966
19660079339	Determination of the MDI centrifugal fuel purifier washout characteristics Final report, 27 Oct. - 22 Dec. 1964	1966
19660079340	Allison T-56-A-14 engine - Official sea level low and high temperature, and altitude performance tests Final report, 25 Aug. 1965 - 28 Feb. 1966	1966
19660079342	Development of a double-walled external pressure vessel	1966
19660079343	Development of an interference electron microscope Final technical report, Mar. 1965 - Feb. 1966	1966
19660079345	Static aerodynamic characteristics of the Apollo-Saturn V vehicle	1966
19660079346	Mobility environmental research study, a quantitative method for describing terrain for ground mobility. Volume VI - Selected air-photo patterns of terrain features	1966
19660079347	Magnetic compression of electron beams Quarterly report no. 3, 1 Jan. - 31 Mar. 1966	1966
19660079348	Manufacturing methods for high temperature coating of large columbium parts Sixth interim progress report, 1 Mar. - 31 May 1966	1966
19660079349	Mechanical-property evaluations of newly developed structural materials Annual report, 15 Apr. 1965 - 15 Mar. 1966	1966
19660079350	Development of a manufacturing process and associated equipment to improve internal core forming in solid propellant rocket motors Interim engineering progress report, 15 Feb. - 15 May 1966	1966
19660079351	Development and/or establishment of processes to fluxless braze complex structures of aluminum alloys Interim engineering progress report, 16 Mar. - 15 Jun. 1966	1966
19660079352	Crystals for optical maser applications Final report, 1 Feb. 1965 - 31 Jan. 1966	1966
19660079353	Correlation of theoretical and experimental results with non-equilibrium argon wakes - Part I - Two-temperature stream tube analysis and ionization behind normal shock waves	1966
19660079354	Centrifugal stresses in conical rotors and rotors of arbitrary cross section	1966
19660079355	Canadian participation in Operation "Distant Plain", shot 3	1966
19660079356	Canadian participation in Operation "Distant Plain", shot 2A	1966
19660079357	The compatibility of plutonium carbides with silicon carbide	1966
19660079358	Broadband X-band klystron Second quarterly report, 3 Oct. 1965 - 31 Jan. 1966	1966
19660079360	Bonding of component leads and wire conductors to NAFI thin film circuits using hand soldering techniques Final report	1966
19660079361	A basic study of the sliding contacts in rolling bearings, project II Summary report, 16 Apr. 1965 - 15 Jul. 1966	1966
19660079362	Air blast predictions for Operation Distant Plain	1966
19660079363	Aircraft ground-flotation investigation. Part IV - Data report on test section 3 Final technical report	1966
19660079370	TRAP 6 radiometry study program /U/	1966
19660079372	Re-entry data report AFWTR no. 0874 /U/	1966
19660079377	[No Title]	1966
19660079378	[No Title]	1966
19660079379	[No Title]	1966
19660079380	TRAP re-entry data report for WTR test no. 0959 /U/	1966
19660079381	Flow field calculations for the Project Dazzle configurations /U/	1966
19660079383	Rf hazard test of the XMGM-51A SHILLELAGH missile /U/	1966
19660079397	[No Title]	1966
19660079401	Feasibility investigation of interferometer, volume I /U/ Final report	1966
19660079402	Feasibility investigation of interferometer, volume II /U/ Final report	1966
19660079403	Feasibility investigation of interferometer, volume III /U/ Final report	1966
19660079404	Research-engineering and support for tropical communications Semiannual report, 1 Apr. - 30 Sep. 1965	1966
19660079406	Damping and instabilities of cyclotron waves in a plasma	1966
19660079407	The determination of optimum nozzle profiles to delay chemically frozen flow in the expansion of high temperature gas mixtures	1966
19660079408	Development of manufacturing methods for production of a wide dynamic range television pickup tube Interim engineering progress report, 1 Mar. - 31 May 1966	1966
19660079409	Development of manufacturing methods for field-effect devices Fourth quarterly interim engineering progress report, 1 Mar. - 31 May 1966	1966
19660079410	Documentation of wind tunnel data from a 0.040-scale C-5A pressure test Technical report, Apr. 11-27, 1966	1966
19660079411	The effects of intermolecular forces on polymer rheology. III - Ionic forces above Tg	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079412	Electromagnetic reflections from sea surfaces and the over-water performance of doppler radar	1966
19660079413	Electromagnetic reflections from sea surfaces and the over-water performance of Doppler radar	1966
19660079414	Experimental program to determine the thermodynamic properties of solutions of liquefied light gases Quarterly progress report, Apr. 15 - Jul. 15, 1966	1966
19660079415	The coherency analysis of seismic noise	1966
19660079416	Van Allen radiation belt and Argus directional flux density distributions, Explorer IV satellite data, Appendix 2 - Computer programs	1966
19660079418	Cooled-film anemometer measurements in the hypersonic wake	1966
19660079419	Collimated beam optical correlator	1966
19660079420	Considerations of the most probable emitter position from a fix by triangulation Technical report, Jan. - Apr. 1966	1966
19660079421	Compression of powders	1966
19660079422	Analytic continuation of gravity using orthogonal functions Scientific report no. 2	1966
19660079423	Atmospheric physics tower instrumentation Technical report, 1 Oct. 1963 - 30 Jun. 1965	1966
19660079424	Statistical prediction of portable thermoelectric generator performance	1966
19660079425	A shock tube study of the NH /A 3pi yields X 3sigma minus/ oscillator strengths	1966
19660079426	Synthesis and isolation of tetrahydrocannabinol isomers, January 1963 - March 1965	1966
19660079427	3.2 millimeter wave oscillator Quarterly report no. 3, 1 Jan. - 31 Mar. 1966	1966
19660079428	Machining data for beryllium metal	1966
19660079429	Modification and calibration of the additive color viewer-printer Final report, 5 Apr. - 30 Nov. 1965	1966
19660079430	Low-voltage arc studies Quarterly progress report no. 11, 1 Dec. 1965 - 1 Mar. 1966	1966
19660079431	Long range seismic measurements - DURYE, 14 April 1966	1966
19660079432	Long range seismic measurements - REX, 24 Feb. 1966	1966
19660079433	Lift force in the presence of cavitation	1966
19660079434	Long-range seismic measurements - STUTZ	1966
19660079435	Solid-state ferroelectric accelerometer Interim report, 4 Feb. - 4 May 1966	1966
19660079436	Compact arc near infra-red radiation sources Quarterly technical progress report, 1 Mar. - 31 May 1966	1966
19660079437	Research on detonation wave mechanics, supplement 2 Final report, Oct. 1964 - Aug. 1965	1966
19660079438	Radiative cooling of a uniform gas flow Technical documentary report, Sep. 1965 - Apr. 1966	1966
19660079439	Respiratory heat loss with high density gas mixtures Final report, Apr. 1965 - May 1966	1966
19660079440	Observation selection formulary and flow diagrams	1966
19660079441	On the nature of the rupture process	1966
19660079442	Long-range seismic measurements - CHASE V, 24 May 1966	1966
19660079443	On the numerical simulation of nonstationary random processes	1966
19660079444	Creep behavior of an aluminum alloy under transient temperatures	1966
19660079445	Research and development on optically pumped nuclear magnetic resonance gyroscope Final report, Jul. 1965 - Mar. 1966	1966
19660079446	RF-4C wet runway performance evaluation Final report, 14 Jul. - 22 Nov. 1965	1966
19660079447	Twin pioneer C.C. Mk. 2. Radio trials of transistorised speed broad casting equipment /ARI 23156/, intercom /ARI 18089/ and UHF homing /ARI 18120/2/ repositioned units Report, 17 Dec. 1965 - 19 Jan. 1966	1966
19660079448	Theory of numbers, part I Final technical report, 1 Dec. 1964 - 30 Nov. 1965	1966
19660079449	Electron and Field Interactions with Thin Films and Surfaces Semiannual Report	1966
19660079450	Development of Laser Beam Scattering Techniques for Gas Density Measurement in Rocket Base Flow Fields Quarterly Progress Report No. 1, 15 Jun. - 15 Sep. 1966	1966
19660079451	Energy Dissipation Characteristics in Tissue for Ionizing Radiation in Space Progress Report No. 15, 1 Jun. - 31 Aug. 1966	1966
19660079453	Research on Satellite Electrical Power Conversion Systems and Circuit Protection Tenth Semiannual Status Report, Feb. 1 - Jul. 31, 1966	1966
19660079454	Synthesis of selected oxidants. Reactions of manganese compounds with dinitrogen pentoxide Final comprehensive report, Jul. 1, 1964 - Jul. 1, 1966	1966
19660079455	Reformulation of the sonar equations, part I	1966
19660079457	Research studies to improve the spectral response and efficiency of photoemitters Project summary, 29 Apr. 1965 - 28 Apr. 1966	1966
19660079458	Research on thermionic electron emitting systems Progress report no. 3, 16 Jan. - 15 Apr. 1966	1966
19660079459	Susceptibility to infection in irradiated animals Annual report, Jul. 1, 1965 - Jun. 30, 1966	1966
19660079461	Development of shielding for vibration transducers against strong magnetic fields Final research and development report	1966
19660079464	Rains in the arctic, temperate and tropical zone Final annual scientific technical report, Apr. 1965 - Mar. 1966	1966
19660079465	High temperature extrusion lubricants Interim engineering progress report, 1 Apr. - 30 Jun. 1966	1966
19660079466	A feature-of-circulation approach to synoptic climatology applied to western United States	1966
19660079467	PCM core memory simulator/decommutator programming manual for MSFTP-2 equipment	1966
19660079468	The calibration of wallboard for the determination of particle speed	1966
19660079469	Puff IV hydrocode, part II	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079470	Propellant stress analysis Progress report, 1 Jan. - 31 May 1966	1966
19660079472	Standardization studies with the repetitive psychometric measures. IV - Controlling for individual differences in motivation	1966
19660079478	Studies of chelate compounds. Report no. 10 - The chemical luminescence of luminol in the presence of various intramolecular complex salts	1966
19660079482	Phase of the height-gain function of the low radio frequency ground wave	1966
19660079483	Laboratory research on team training	1966
19660079484	Electrophysiological Studies of the Brain, Including Improvement of Experimental Techniques and Methodology Progress Report	1966
19660079485	Establish Physiological Base Line Data, and to Develop Physiological Procedures and Instrumentation Necessary for the Automatic Measurement of Hemodynamic and Metabolic Parameters During Prolonged Periods of Weightlessness Semiannual Status Report, 1 Feb. - 31 Jul. 1966	1966
19660079486	Structural response to inflight acoustic and aerodynamic environments	1966
19660079487	Radiative Energy Transfer on Entry into Mars and Venus Quarterly Report No. 16	1966
19660079489	Antenna system description Gemini/Apollo open-loop rf checkout equipment manned spacecraft operations building	1966
19660079490	Sterer Engineering and Manufacturing Company double solenoid valve manufacturer's part number 26370 NASA drawing number B75M08841 rev. D Test report	1966
19660079491	Floidyne Controls Inc. double solenoid valve manufacturer's part number 15C150 NASA drawing number B75M08821 rev. B Test report	1966
19660079492	Apollo/Saturn IB flight safety plan vehicle AS-202	1966
19660079493	Metals and Controls, Inc. roller-plunger actuated limit switches manufacturer's part numbers AT91-2 and AT91-3 NASA part numbers C75M13058-2 and C75M13058-3 Test report	1966
19660079494	Spacecraft operations checkout procedure. Countdown demonstration	1966
19660079495	Robertshaw-Fulton temperature regulator assembly NASA part number 75M09571-1 rev. B manufacturer's part number 1006-B1 Test report	1966
19660079496	Combination Pump Valve Co., Globe valve manufacturer's part number 380-6 Test report	1966
19660079497	Autoclave Engineers Incorporated one-quarter inch manually operated angle valve manufacturer's part number 20-7163 NASA part number 75M05871-PAV-3 Test report	1966
19660079498	Holddown arm control panel NASA P/N-J75M03983 Test report	1966
19660079499	Aircraft Porous Media, Inc. hydraulic filter assembly manufacturer part number ACF-3122-810H NASA part number 75M09574-1 Test report	1966
19660079500	Fluid dynamics hydraulic filter assembly manufacturer's part number 002922 NASA PART number 75M06606-1, rev. B Test report	1966
19660079501	Microswitch Company Roller Plunger-Actuated Switch Manufacturer's Part Number X32635 Test Report	1966
19660079502	Sage Engineering and Valve Company part number 1-5209 relief valve replacement for NASA part number B10430216-5 Test report	1966
19660079503	On-Mark Couplings, Inc. flexible coupling manufacturer's part numbers 0760-24, 0760-32, and 0760-64 replacement items for NASA drawing numbers B75M02496, B75M02106, AND B75M02504 Test report	1966
19660079504	A nongraphical approach for estimating photo-interpreter performance	1966
19660079505	Numerical solution of second order differential equations using rational Pade convergents	1966
19660079507	Investigation and recovery program for nozzle port flange snap ring groove cracking problem of the Minuteman stage III motor weapon system 133A Final report	1966
19660079509	Variation of the absorption of ultrasonic energy in some cavitating solutions as a function of concentration	1966
19660079510	On the behavior of tetravalent and divalent rare earths in metallic compounds Final technical report, 1 Apr. 1965 - 31 Mar. 1966	1966
19660079511	The insulated-gate field-effect transistor in electrometer applications for high range radiac-meters	1966
19660079512	MOL-HSQ scientific experiments structural proof load testing	1966
19660079513	Investigation of hologram techniques Second interim engineering report, 1 Dec. 1965 - 31 Mar. 1966	1966
19660079514	Vertical motion of high altitude balloons Technical report no. 4	1966
19660079515	Verification of fleet numerical weather facility's analyses and forecasts of potential mixed layer depth	1966
19660079516	Ocular exposure to Q-switched laser irradiation Final report, Jul. 1964 - Jul. 1965	1966
19660079518	The organization of instrumentation elements BIAC information module	1966
19660079519	Observations on the biaxial compressive creep performance of filament wound laminates after three years of continuous testing Special technical report, 1 Jul. 1965 - 30 Jun. 1966	1966
19660079521	Factors affecting information storage and retrieval in man Final report, Sep. 1963 - Jun. 1966	1966
19660079522	High-temperature thermoelectric research Final report, 5 Oct. 1964 - 31 Mar. 1966	1966
19660079523	Filament wound silica radome techniques Interim technical report, 15 Nov. 1965 - 15 Feb. 1966	1966
19660079524	Filament wound silica radome techniques Interim technical report, 15 Feb. - 15 May 1966	1966
19660079525	The evaluation of vinyl-phenolic adhesive in relation to the corrosion of aluminum honeycomb structure	1966
19660079526	Program 572 analytic reliability demonstration report. Volume II - Failure rate data and model	1966
19660079527	An approach to forecasting low surface humidities at night in the Rocky Mountains	1966
19660079528	Attitude control rocket exhaust plume experiment Technical report, 15 Mar. - 15 Jun. 1966	1966
19660079529	Avalanche pumped semiconductor laser Interim engineering report, Feb. - May 1966	1966
19660079530	Automatic pass-point selection investigation Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079531	Analysis and acoustical stresses and equipments in aviation weapons systems /OV-10A airplane/ Tenth interim report	1966
19660079532	Missile phenomenology studies Semiannual technical progress report	1966
19660079533	Ion laser device research First quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660079535	Nonlinear interaction of laser radiation Semiannual technical report no. 1	1966
19660079536	Cold flow gas injection performance studies Final report, Jun. 1963 - Feb. 1966	1966
19660079537	Airborne audio frequency coder equipment Category I test report /final/	1966
19660079538	High energy crystalline laser materials Semiannual technical summary report, 16 Oct. 1965 - 16 Apr. 1966	1966
19660079539	An experimental investigation of the arching phenomenon occurring over a buried rectangular plate Final report, Jul. 1964 - Dec. 1965	1966
19660079540	94-Gc measurements of microwave absorbing material, 27 September 1965 - 10 January 1966	1966
19660079541	Gravitational stresses determined using immersion techniques	1966
19660079543	Optical spectra of some low-molecular weight compounds using the matrix isolation technique Quarterly technical summary report, 14 Feb. - 13 May 1966	1966
19660079544	Special particulate analysis /soil/ Project officers report	1966
19660079545	An investigation of the effect of bangs on the subjective reaction of a community	1966
19660079546	Inhibited N2O4 Third quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19660079547	The impact of microelectronics on the utilization and training of maintenance personnel. Volume II - Maintenance burden analyses Final report	1966
19660079548	An investigation of the feasibility of placing timer mechanism shafts perpendicular to their axis of spin Final report, Feb. 12, 1965 - Mar. 15, 1966	1966
19660079549	Molecular structure and materials characterization Annual summary report, Mar. 1965 - Mar. 1966	1966
19660079550	Millimeter and submillimeter device research Third quarterly progress report, 1 Jan. - 1 Apr. 1966.	1966
19660079551	The impact of microelectronics on the utilization and training of maintenance personnel. Volume I - Research report Final report	1966
19660079552	Microwave diode research Second interim report, 10 Sep. 1965 - 9 Mar. 1966	1966
19660079554	Investigation of the use of transistor structures for producing inductance Second interim engineering report, Feb. 5 - Jun. 5, 1966	1966
19660079556	Temperature measurement by the line reversal method in short term aperiodic processes	1966
19660079557	Test and evaluation of a submarine periscope camera /type III/ developed by J. A. Maurer Inc. Final technical report	1966
19660079558	Signal processing studies and analysis Quarterly technical report, 27 Sep. 1965 - 31 Jan. 1966	1966
19660079559	Stability of slow detonations	1966
19660079560	An investigation of the maximum target material spray velocity produced in the penetration of thin plates by high velocity disks	1966
19660079561	Design, construction and calibration of a high temperature supersonic wind tunnel	1966
19660079562	NMR flowmeter study Final report	1966
19660079563	Approximate correlation function and spectral density of the random vibration of an oscillator with nonlinear damping Technical report, Nov. 1, 1964 - Sep. 30, 1965	1966
19660079564	Epoxy coatings on water-tank interiors. Part I - Application of coatings and initial inspection	1966
19660079565	Space communications Quarterly technical summary report, division 6, 1 Mar. - 31 May 1966	1966
19660079566	Experimental investigation of an induction compressor Final report, Jun. 1964 - Jul. 1966	1966
19660079567	Environmental tests of pre-prototype wide-range portable beta-gamma radiation survey instrument model IM-189/U/XV-1/ TECHNICAL report, Mar. - May 1966	1966
19660079568	Evaluation of short-duration rocket engine technique for base heat testing with external airflow Technical report, Oct. 7 - Nov. 4, 1965	1966
19660079570	Electric spark sensitivity test for explosives	1966
19660079571	Evaluation of the maser-equipped radar set AN/MPS-34 and area precipitation measurement indicator Fourth quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660079572	Evaluation of three AMRA program rocket motor case Phase report	1966
19660079576	Ion debris simulation Quarterly progress report no. 3, 29 Oct. 1965 - 29 Jan. 1966	1966
19660079577	Machining data for numerical control turning	1966
19660079580	C-141A category II stability and control test Final flight test report	1966
19660079581	Excited states of negative ions of atomic oxygen	1966
19660079582	An experimental study of the distribution of convective heat transfer to a large-scale model of parachute cloth Technical report, Dec. 1964 - Dec. 1965	1966
19660079583	Electrical and magnetic properties of rock and soil	1966
19660079584	Thermal protective suits for underwater swimmers	1966
19660079585	History of Gemini/Titan launch vehicle-8 at ETR Technical operating report	1966
19660079586	Heterogeneous decomposition of hydrogen peroxide by inorganic catalysts - A literature survey	1966
19660079587	Traveling-wave phase shifter phase II Final report	1966
19660079589	Topographic eigenvector analysis Final report, 23 Dec. 1965 - 23 May 1966	1966
19660079590	Transmission line mode, microwave switch design using semiconductor diodes and strip transmission line	1966
19660079591	Evaluation of advanced electrochemical systems for fuze application Summary report, Oct. 22, 1965 - Apr. 21, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079592	Effect of thermal conditioning and strain on the microstructure and mechanical properties of polycrystalline ceramics Quarterly progress report no. 3, Mar. 15 - Jun. 15, 1966	1966
19660079593	Jet fuel decontamination studies Interim technical report, 10 Jun. - 15 Dec. 1965	1966
19660079594	Temperature measurements on rocket jets	1966
19660079595	A test of the mode-averaging diversity combiner Technical report no. 124	1966
19660079596	Tests performed on a telephone circuit and a telegraph circuit provided over the Early Bird communication satellite	1966
19660079597	A summary of eye-protection devices against nuclear explosions, Aug. 1964 - May 1966	1966
19660079598	A study of system coupled instability analysis techniques. Part II - Test program Final report, May 1965 - Jun. 1966	1966
19660079600	Development of hydrothermal method for growing large, high purity single crystals of beryllium oxide, and initiate research on growing single crystals of KTN and chrysoberyl Progress report, Mar. 1 - May 31, 1966	1966
19660079601	Development of PPM-focused low-noise traveling-wave tubes for Ku-, K-, and Ka- band Interim development report no. 10, Oct. 1 - Dec. 31, 1965	1966
19660079602	Development of equipment for automatic narrow-gap welding for shipyard use Sixth quarterly report, Mar. 1 - May 31, 1966	1966
19660079603	Digital data system for video bandwidth information transmission Phase report	1966
19660079604	Applied research on non-nuclear warhead for guided missiles and design rationale for rocket stabilization of rods /U/ Monthly progress report no. 12, 1 - 30 Apr. 1966	1966
19660079605	Remote intelligence acquisition study /U/ Quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660079607	Night vision - Acuity and performance at various levels of low illumination /U/	1966
19660079616	Research on a Hydrogen-fluorine Propulsion System /U/ Final Report, 23 Jun. 1963 - 30 Nov. 1965	1966
19660079619	Investigation of High and Low Temperature Resistant Explosive Devices (U) Quarterly Report No. 5, 1 Jan. - 31 Mar. 1966	1966
19660079627	Microminiature and optical approaches to perceptron implementation	1966
19660079631	Seismometers on Arctic ice for detection of underwater acoustic disturbances /U/ Technical report no. 2, 1 Nov. 1965 - 1 Mar. 1966	1966
19660079636	Measurement and analysis of WOX-7A high- impact shock applied to SECT launcher	1966
19660079644	The secondary electron conduction vidicon spectrograph Technical report, Apr. 1965 - Feb. 1966	1966
19660079645	Flow and fracture of metals under complex stress Final summary report, 3 Mar. 1964 - 30 Sep. 1965	1966
19660079646	Feasibility of detection systems employing microwave emissions from hypervelocity impact Final report, Feb. 1965 - Feb. 1966	1966
19660079647	Fundamental investigations of photoemission Quarterly report no. 1, Jan. 15 - Apr. 15, 1966	1966
19660079648	Fabrication and study of photoconductor- tunneling electron emitter Interim technical report, 8 Mar. - 7 Jun. 1966	1966
19660079649	Investigation of the Nutritional Properties of Hydrogenomonas Eutropha Semiannual Report, 30 Nov. 1965 - 1 Jul. 1966	1966
19660079651	Oxidizer miscibility studies	1966
19660079652	Investigate advanced heat exchanger designs of compact heat exchangers when operating in a marine environment Quarterly progress report, 27 Mar. - 25 Jun. 1966	1966
19660079653	Investigation of performance losses and ballistics effects in solid propellant rockets First quarterly technical progress report, 1 Mar. - 31 May 1966	1966
19660079654	Investigation of rotary actuation technique Second quarterly technical report, 3 Apr. - 3 Jul. 1966	1966
19660079656	Thin film thermistors Interim development report, Dec. 24, 1965 - Mar. 23, 1966	1966
19660079657	Study of helicopter gear lubrication Final report, Mar. 1965 - May 1966	1966
19660079658	A study of an automatic power compensator with airspeed and angle of attack as controlling inputs	1966
19660079659	Seals for forced draft blower steam turbine glands Final report	1966
19660079661	A systems description of the Dodco re-entry control and display logic as utilized on the AFFDL aerospace simulator Final report	1966
19660079662	Vision research with harmonically pure stimuli Final technical report	1966
19660079663	Square loop switching models - An annotated bibliography, 1961-1965	1966
19660079664	On space manoeuvres with continuous thrust	1966
19660079665	A study of the geometry of elasto-hydrodynamic films in point contact Progress report no. 1, 23 Feb. - 23 May 1966	1966
19660079667	Function modeling with neural nets Annual progress report no. 1, 15 Jun. 1965 - 14 Jun. 1966	1966
19660079668	Hypersonic wake Semiannual report, 1 Jul. - 31 Dec. 1965	1966
19660079669	A high power X-band diode phase shifter Quarterly progress report, 16 Mar. - 15 Jun. 1966	1966
19660079670	Gas-phase chemistry of reentry	1966
19660079671	Germanium photodiode radiometer Final report, 17 May 1965 - 16 May 1966	1966
19660079672	Generating a complicated function for the analog computer	1966
19660079673	Growth and properties of Mo2 Sno.7 Pb0.3 single crystals Final report, 24 Mar. 1965 - 23 Mar. 1966	1966
19660079674	Heat process engineering and improved techniques for melting and casting	1966
19660079675	A high resolution, far infrared double-beam lamellar grating interferometer, 1962 - 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079677	Fabrication and study of photoconductor- tunneling electron emitter Interim technical report, 8 Dec. 1965 - 7 Mar. 1966	1966
19660079678	On fine powder mechanics	1966
19660079681	High power magnetron injection gun noise study Quarterly progress report no. 3, 1 Nov. 1965 - 1 Feb. 1966	1966
19660079682	A critical survey of current views on glass transition phenomena	1966
19660079684	Screening and evaluation of low temperature fuel resistant elastomers Second interim report, 24 Nov. 1965 - 24 May 1966	1966
19660079685	Sensitivity functions in an adaptive control system and their application to advanced ballistic re-entry systems	1966
19660079686	Analysis of turbulent reacting wakes. 2 - Stochastic model for turbulent diffusion	1966
19660079687	Analysis of turbulent reacting wakes. 3 - Electron density fluctuations with nonlinear chemistry	1966
19660079688	The Berkeley scanning electron microscope-I	1966
19660079689	Analysis of turbulent reacting wake. 4 - A solution for turbulent wakes with laminar diffusion	1966
19660079690	Automatic data rate changer for radio adaptive communications Final report, 1 Jul. 1965 - 1 Apr. 1966	1966
19660079691	Theory and structure of the AFTON codes Final report, 12 Nov. 1964 - 8 Apr. 1966	1966
19660079692	Space encounter modeling study. Volume IV - Computer program Final report, 28 Feb. 1964 - 28 Feb. 1965	1966
19660079693	A study of periodic and log-periodic series reactance loading with application to a high efficiency long-wire antenna, part 2 Final report, Oct. 1, 1964 - Feb. 28, 1966	1966
19660079694	Compact VHF aircraft antenna development Second semiannual report, 1 Sep. 1965 - 1 Apr. 1966	1966
19660079695	Solid-state laser exploration Interim technical report, Mar. 1 - May 31, 1966	1966
19660079696	Studies of photoemitters Interim technical report, 1 Feb. - 30 Apr. 1966	1966
19660079697	Surface and interfacial effects in relation to brittleness in refractory metals Summary technical report, 1 Mar. 1964 - 31 Mar. 1965	1966
19660079698	Tropical service life of electronic parts and materials Third quarterly progress report, 31 Dec. 1965 - 28 Feb. 1966	1966
19660079699	Space encounter modeling study. Volume I - Model formulation Final report, 28 Feb. 1964 - 28 Feb. 1965	1966
19660079700	Use of a gliding upper stage to achieve large offsets during ascent to orbit	1966
19660079701	Sparta program Quarterly technical report no. 3, 1 Apr. - 30 Jun. 1966	1966
19660079702	Simulation image generation. Volume I - Study of television camera and optical pickup from scale relief models Final report, 15 Mar. - 15 Sep. 1965	1966
19660079703	A graphical compilation of damping properties of both metallic and non-metallic materials Technical report, Jun. 1963 - Feb. 1966	1966
19660079704	Performance evaluation of Para-Commander Mark I personnel parachute	1966
19660079706	Parametric studies of a fixed-geometry light-gas gun	1966
19660079707	Precise tactical navigation /secure/ techniques, volume I Quarterly report no. 1, 1 Jul. - 30 Sep. 1965	1966
19660079708	Program 572 analytic reliability demonstration report. Volume III - Part application data	1966
19660079709	PM-1 annual summary report, 1 November 1964 - 31 October 1965	1966
19660079710	Phosphonitrilic polymers stable at high temperatures Second quarterly report, 1 Feb. - 30 Apr. 1966	1966
19660079711	Parametric weight scaled equations for solid propellant launch vehicles	1966
19660079712	Abstracts on the regulatory physiology and stress physiology programs Progress report, period ending, 31 Dec. 1965	1966
19660079713	A puff source diffusion experiment	1966
19660079715	Proton correlation studies Final report, 1 Jul. 1964 - 31 Jan. 1966	1966
19660079716	Cascade tests of the blading of a high- deflection, single-stage, axial-flow impulse turbine and comparison of results with actual performance data	1966
19660079717	Telemetry systems standardization - The calculation of interference in the passband of an FM or PM channel due to an adjacent FM OR PM channel	1966
19660079719	Use of automatic direction finders in the homing of aircraft on landing zone/drop zone beacons	1966
19660079720	An ultra high temperature, single crystal texture camera diffractometer Final report, Apr. 1963 - Dec. 1965	1966
19660079721	Tunnel diode generation of millimeter waves Final report	1966
19660079723	The axisymmetric, perfectly flexible foil bearing with porous inlet restrictor	1966
19660079724	Installation, operation, and maintenance manuals supplement, Saturn V launch complex 39	1966
19660079725	Diagnostic work on sources at the DFL	1966
19660079726	Base heating on a 5.47 percent scale model Saturn-IB booster afterbody at Mach numbers 1.18 and 1.63 at trajectory altitudes	1966
19660079729	Inertial compensation of energy losses in timing mechanisms Final report, 12 Feb. 1965 - 15 Mar. 1966	1966
19660079731	Random walks Final technical report, part II, 1 Dec. 1964 - 30 Nov. 1965	1966
19660079732	Research on mitigation of spline wear by means of lubrication Summary technical report, 13 May 1965 - 13 May 1966	1966
19660079733	On the power flow in plasma-filled waveguides	1966
19660079734	The nature and stability of complexes between biologically important compounds and micronutrients Annual technical report no. 2, 1 Jun. 1965 - 31 May 1966	1966
19660079736	New switching concepts. Seventh quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079737	Review of MIL-E-1 microwave tube test methods First quarterly progress report, 18 Apr. - 17 Jul. 1966	1966
19660079738	Research and development of a ruggedized planar ceramic triode Fifth quarterly progress report, Dec. 1, 1965 - Feb. 28, 1966	1966
19660079739	Manufacturing in-process control and measuring techniques for integral electronics /geometry and surface contamination control/ Interim engineering progress report no. 8, 1 Dec. 1965 - 28 Feb. 1966	1966
19660079740	On the behavior of grooved plate thrust bearings with compressible lubricant	1966
19660079741	On the micro-mechanism of second-order extension of aluminum in reversed cyclic torsion	1966
19660079742	On the microstructural sensitivity of fracture toughness	1966
19660079743	Measurement of the complex moduli and damping of soils under dynamic loads. Laboratory test apparatus procedure and analysis Technical report no. 173	1966
19660079744	Molecular complexes of aromatic hydrocarbon and azahydrocarbon acceptors Technical publication, Feb. - May 1966	1966
19660079745	Mechanisms of protection and failure in aluminide coated tantalum and tantalum base alloys Summary report, Oct. 1964 - Sep. 1965	1966
19660079748	Results of sound pressure level measurements during AS-203 launch. Part I - Overall time histories	1966
19660079749	Temperatures and stresses in thick-walled cylinders and a comparison with wind tunnel experiments Research report	1966
19660079750	The application of steep pulse currents to the electrohydraulic and magnetic forming of metals Research translation	1966
19660079751	Report of the committee on tubing Second progress report	1966
19660079752	SNAP-8 tubing requirements	1966
19660079758	A theoretical and experimental investigation of the mechanical wind vane	1966
19660079759	Design Automation Working Group, fifteenth meeting proceedings	1966
19660079760	Automation techniques used in the process of data analysis and quality assurance of the data product at PMR	1966
19660079761	A study of the application of piezoelectric techniques to a small north orienting device Final report, 16 Sep. 1965 - 30 Apr. 1966	1966
19660079762	Program plan incorporation of scientific experiments into MOL-HSQ flight SLV-9 FINAL report	1966
19660079763	Transistor field effect, insulator gate, 100-Mc amplifier Final report, Jun. 30, 1964 - Sep. 30, 1965	1966
19660079765	Investigation of laminated structures for radio frequency applications Interim technical report, 1 Mar. - 31 May 1966	1966
19660079766	Applicability of olfactory transducers to the detection of human beings Fifth quarterly status report, 1 Feb. - 30 Apr. 1966	1966
19660079769	Numerical method for the design of warped surfaces for subsonic wings with arbitrary planform	1966
19660079770	Particle transport and instabilities in a simulated fusion plasma Scientific report no. 1, 1 Mar. 1965 - 28 Feb. 1966	1966
19660079771	Particle losses in a simulated fusion plasma	1966
19660079772	Low-frequency oscillations in a thermal cesium plasma	1966
19660079773	Experimental observations on the stability of plasma bounded by slanted end-plates	1966
19660079774	Low frequency electrostatic wave instabilities involving ions and electrons	1966
19660079775	Experimental and design studies for turbo- ramjet combination engine. Volume VII - Combination test at Saclay	1966
19660079776	Experimental and design studies for turbo- ramjet combination engine. Volume II - Calculation analysis Final report	1966
19660079777	Experimental and design studies for turbo- ramjet combination engine. Volume III - Data Final report	1966
19660079778	Experimental and design studies for turbo- ramjet combination engine. Volume V - Combustion-test installation Final report	1966
19660079779	Experimental and design studies for turbo- ramjet combination engine. Volume VI - Combustion tests at Les Gatines Final report	1966
19660079781	Introduction to the theme - A summary of current problems in Arctic acoustics research	1966
19660079785	Synthesis of Nitramine Polymers (U) Interim Final Report, 25 May 1964 - 6 Jan. 1966	1966
19660079802	Study to evaluate hybrid and high-energy solid motors for upper-stage applications /U/ Final report	1966
19660079803	Development and calibration of heat flux transducers for Hibex /U/	1966
19660079805	Some mission and technological considerations for lifting reentry /U/	1966
19660079807	Radar transponder AN/TPN-16 /U/ Quarterly status report no. 3, 1 Jan. - 31 Mar. 1966	1966
19660079808	Research and development of glass microchannel arrays /U/ Interim technical report no. 2, 11 Mar. - 10 Jun. 1965	1966
19660079811	GaAs laser-telescope /U/	1966
19660079814	Methods for determining the composition of cured castable PBX /U/	1966
19660079815	Research on improvement of far-infrared pickup tubes /U/ Eighth quarterly report, 1 Jan. - 31 Mar. 1966	1966
19660079816	Infrared sensor arrays /U/ Fourth interim technical report, 1 Apr. - 30 Jun. 1966	1966
19660079817	Perform studies toward development of 18mm microstatic tube /U/ Second interim technical report, 18 Oct. 1965 - 17 Mar. 1966	1966
19660079818	Calibration of an airborne X-band radar for measurement of terrain radar returns, AN/APS-73 /XH-4/ radar set, volume I /U/ Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079819	Parametric propulsion analysis of an air-to-air missile /U/	1966
19660079820	Multiple total reflection photocathode studies /U/ Interim technical report no. 4, 1 Apr. - 30 Jun. 1965	1966
19660079823	Chemistry research /U/ Quarterly progress report, Oct. - Dec. 1965	1966
19660079824	Wasp advanced development program. Volume I - Data presentation and analyses /U/ Final report, 1 Feb. 1965 - 15 Feb. 1966	1966
19660079825	Wasp advanced development program. Addendum to volume I /U/ Final report	1966
19660079826	Wasp advanced development program. Volume II - Appendixes G and H - Structural analyses of motor metal parts and propellant grains /U/ Final report, 1 Feb. 1965 - 15 Feb. 1966	1966
19660079829	Hibex external burning experiment /U/	1966
19660079830	HiBex /U/ Final technical report	1966
19660079831	Preparation of limited quantities of commercially unavailable chemical compounds /U/ Annual summary report, Apr. 1965 - Mar. 1966	1966
19660079834	Research on the response of reinforced solid propellants /U/ Technical summary report, 1 Jun. 1965 - 31 May 1966	1966
19660079836	Infrared sensor arrays /U/ Third interim technical report, 1 Jan. - 31 Mar. 1966	1966
19660079837	Current technology for detector and preamplifier arrays /U/	1966
19660079838	Possible utility of the Transit system for Air Force navigation /U/	1966
19660079839	Tumble motor storage program SR9-HP-1 rocket motor /U/ Final report, 3 Dec. 1965 - 11 Mar. 1966	1966
19660079840	Synthesis of new fluorine compounds /U/ Quarterly technical summary report, 1 Apr. - 30 Jun. 1966	1966
19660079841	Reformulation of the sonar equations, part II /U/ Summary report	1966
19660079846	Remote target identification using X-ray techniques /U/ Final technical report, Dec. 19, 1965 - Mar. 1, 1966	1966
19660079847	Technologies and economics of reusable space launch vehicles. Volume I - Summary and conclusions /U/	1966
19660079848	Technologies and economics of reusable space launch vehicles. Volume II - Supporting analyses /U/	1966
19660079849	Synthesis of inorganic oxidizers /U/ Final summary report, Aug. 1, 1962 - Apr. 1, 1966	1966
19660079850	A closed circuit television and mapping mode for the AN/SYA-4 NTDS display group /U/	1966
19660079852	Radar transponder AN/TPN-16 /U/ Quarterly status report no. 4, Apr. 1 - Jun. 30, 1966	1966
19660079856	CX-6 rolling VTOL studies. Volume I - Design /U/ Final report, 15 Mar. - 15 Jun. 1966	1966
19660079857	CX-6 rolling VTOL studies. Volume II - Operations analysis and costs /U/ Final report	1966
19660079858	Multipath interference tests /U/ Semiannual report no. 1, 1 Aug. 1965 - 31 Jan. 1966	1966
19660079860	Twenty five millimeter microchannel inverter tube /U/ Interim technical report, 26 Nov. 1965 - 26 Feb. 1966	1966
19660079861	Cx6 V/STOL assault transport system. Support system study /U/ Final report, Mar. 17 - Jun. 15, 1966	1966
19660079862	CX6 V/STOL assault transport system - Support system study /U/ Final report	1966
19660079863	Employment of optical and radar observables data in analysis of graphite test vehicle aerothermodynamics performance /U/	1966
19660079876	A survey of terrestrial mobility techniques for application to exploration of lunar and planetary surfaces	1966
19660079877	Research on selected quantum electronics problems Interim engineering report no. 1, 1 Mar. - 31 May 1966	1966
19660079878	Nonlinear quantum studies. Mode locking in solid state lasers	1966
19660079879	Generation of single subnanosec megawatt light pulses	1966
19660079880	Generation of hypersound with laser light	1966
19660079881	Conversion of light to sound by electrostrictive mixing in solids	1966
19660079882	Measurement of the room temperature microwave ultrasonic attenuation of Z-cut quartz by Brillouin scattering of light	1966
19660079884	Microwave device techniques for aerospace surveillance First quarterly status report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660079885	Thin film transducers	1966
19660079886	Acoustic wave devices	1966
19660079887	Carrier wave propagation	1966
19660079888	Whistler mode propagation in solids	1966
19660079889	Theory of carrier wave propagation	1966
19660079890	Periodic ferrite delay lines	1966
19660079891	Adiabatic magnetoelastic conversion in the time domain	1966
19660079892	Theory of the Gunn effect	1966
19660079893	Plasma diagnostics study Seventh quarterly report, 1 Apr. - 30 Jun. 1966	1966
19660079894	Microwave device techniques for aerospace surveillance Second semiannual status report, 1 May - 31 Oct. 1965	1966
19660079895	Thin film transducers	1966
19660079896	Acoustic wave devices	1966
19660079897	Carrier wave propagation	1966
19660079898	Whistler mode propagation in solids	1966
19660079899	Theory of carrier wave propagation	1966
19660079900	Periodic ferrite delay lines	1966
19660079901	Re-entry physics research Semiannual technical summary report, 31 Dec. 1965 - 30 Jun. 1966	1966
19660079902	Shock tube studies	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079903	The radiative combination of O and CO at 2943 deg K plus over - 26 deg K	1966
19660079904	An experimental investigation of combustion stability characteristics at high chamber pressure. Volume 2 - High-frequency computer program Final report	1966
19660079906	Rf susceptibility of the squibs used in the Delta vehicle Final report	1966
19660079907	Potting and encapsulating compounds for space applications Monthly report no. 1, Jun. 17 - Jul. 31, 1966	1966
19660079908	Investigation of reactivity of launch vehicle materials with liquid oxygen Annual report no. I, Jul. 1, 1965 - Jun. 30, 1966	1966
19660079909	Guidance system study Summary progress report, 17 Dec. 1965 - 3 Apr. 1966	1966
19660079911	Procedure for the design and optimization of liquid rocket propulsion systems, Volume I Final report	1966
19660079912	A 100-category classification scheme for technology transfer Final report	1966
19660079913	Guidance system study Final report	1966
19660079914	Procedure for the design and optimization of liquid rocket propulsion systems, volume II B Final report	1966
19660079915	Hydrogen-oxygen reaction studies Second quarterly progress report, 8 May - 8 Aug. 1966	1966
19660079917	EBW firing unit development Fifth quarterly report, Jun. 1 - Aug. 31, 1966	1966
19660079919	Representative quadrupole antenna radiation pattern characteristics on selected right circular cylinders having wavelength to cylinder diameter ratios greater than one	1966
19660079920	VLF ray tracing in a model ionosphere	1966
19660079927	Analysis and evaluation of engineering sequential camera coverage Apollo - Saturn, AS-203	1966
19660079929	Study of launch vehicle cost parameters Summary report	1966
19660079931	Procedure for the design and optimization of liquid rocket propulsion systems, volume II A Final report	1966
19660079933	A feasibility study of an experiment for determining the properties of the Mars atmosphere. Volume I - Summary Final report	1966
19660079934	A feasibility study of an experiment for determining the properties of the Mars atmosphere. Volume II - Probe system selection and design Final report	1966
19660079935	A feasibility study of an experiment for determining the properties of the Mars atmosphere. Volume III - Subsystem and technical analyses. Book 1. Trajectories and avionics Final report	1966
19660079936	A feasibility study of an experiment for determining the properties of the Mars atmosphere. Volume III - Subsystem and technical analyses. Book 2 - Mechanics and design Final report	1966
19660079937	A feasibility study of an experiment for determining the properties of the Mars atmosphere. Volume IV - Sterilization analysis Final report	1966
19660079938	A feasibility study of an experiment for determining the properties of the Mars atmosphere. Volume V - Probe development plan Final report	1966
19660079939	Investigation of cooling problems at high chamber pressures Final report, 29 Jun. 1965 - 29 Aug. 1966	1966
19660079940	Applications Technology Satellite Quarterly progress report no. 9, 1 Jun. - 31 Aug. 1966	1966
19660079941	An analysis of the S-IVB and the S-IB THRUST vector control systems Fourth technical report, Oct. 15, 1965 - Jul. 15, 1966	1966
19660079942	An experimental investigation of combustion stability characteristics at high chamber pressure, phase II, volume 1 Final report, Jul. 1964 - Jun. 1966	1966
19660079944	On the potentials occurring in the excitation of highly ionized ions by electron impacts	1966
19660079945	Planar transistor reliability studies. Over-stress storage tests on BFY50 TRANSISTORS Annual report, Apr. 1965 - Mar. 1966	1966
19660079946	Research and investigation of gallium arsenide-indium arsenide alloy systems Sixth interim engineering report, 1 Nov. 1965 - 31 Jan. 1966	1966
19660079947	On shock tube side wall Langmuir probes	1966
19660079948	High-energy-rate processes - Review of recent developments	1966
19660079949	Fiber-reinforced metals - Review of recent developments	1966
19660079950	Remarks on hypersonic flows past transverse jets	1966
19660079951	Realization of sequential machines with threshold elements	1966
19660079952	Report by the mathematics department as part of the eighth annual report, 1964	1966
19660079954	Research on relaxation processes in magnetic materials Progress report no. 7, Jan. - 31 Mar. 1966	1966
19660079955	Radar signal processing using hybrid techniques	1966
19660079957	Special magnetohydrostatic, axisymmetric meridional equilibria	1966
19660079958	Expulsion of water-based liquids into hard vacuum	1966
19660079961	Impregnated niobium-tantalum alloys	1966
19660079963	Scattering of visible radiation by a uniformly dispersed volume of aluminum oxide particles	1966
19660079964	Application of a powder lubrication system to a gas turbine engine Progress report no. 5, Nov. 1965 - Feb. 1966	1966
19660079965	Low speed wind tunnel test of a .15 scale, Douglas F5D with NASA-Ogee wing planform	1966
19660079966	Numerical procedures for calculating radar cross section of arbitrarily-shaped three-dimensional geometries, volume I Final report, 1 Jul. 1965 - 13 Feb. 1966	1966
19660079967	A method for the calculation of the acoustic radiation impedance of unbaffled and partially baffled piston sources	1966
19660079968	Microwave phenomena Interim scientific report no. 5, Dec. 1, 1965 - May 1, 1966	1966
19660079969	Q-band measurements of the spin-lattice relaxation of Cr ³⁺ plus in zinc tungstate	1966
19660079970	Development of a magnetron filament current control circuit for radar set AN/SPN-12	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660079971	CO infrared spectra	1966
19660079973	Development of a superior titanium-base alloy for cryogenic applications Sixth quarterly progress report, 1 Nov. 1965 - 1 Feb. 1966	1966
19660079974	Development of nondestructive testing system for analysis and control of residual machining stresses Interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660079976	Detection probabilities for log-normally distributed signals Report, 1 Jan. - 15 Feb. 1966	1966
19660079977	Quantitative interpretation of differential thermal analysis	1966
19660079978	Qualification of Metlbond 225, type I, a type I, class I and II, adhesive under MIL-A-25463/ASG/ submitted by Whittaker Corporation, Narmco Materials Division	1966
19660079980	Thermal expansion of reinforced composites - Thermal hysteresis effects Final report, Aug. 1963 - Dec. 1964	1966
19660079981	Semiconductor-metal-semiconductor triode Interim engineering report, 1 Jan. - 31 Mar. 1966	1966
19660079982	Contributions to the theory of numerical simulation	1966
19660079983	Provision of new metalworking techniques. Phase "A" - Production evaluation and application of metal finishing techniques	1966
19660079984	Power for arctic research	1966
19660079985	Astronaut transfer operations study Final technical report	1966
19660079986	AS-202 launch vehicle dynamics analyses	1966
19660079987	Theoretical study of the radiative emissivity of materials, part I Technical summary report, 1 Apr. 1963 - 30 Apr. 1966	1966
19660079988	Errors resulting from bandlimiting of frequency-modulated signals	1966
19660079994	Experimental and design studies for turbo-ramjet combination engine. Volume VIII - Drawings Final report	1966
19660079995	Elastic-plastic waves of one-dimensional strain	1966
19660079996	Research in High Energy Physics Utilizing the Space Radiation Effects Laboratory Progress Report, Mar. - Aug. 1966	1966
19660079997	Gas Radiation and Transport Properties at High Temperatures Semiannual Status Report, 1 Apr. - 30 Sep. 1966	1966
19660079998	Studies of improved Saturn V vehicles and intermediate Saturn vehicles. Volume 1 - Summary report Final report	1966
19660079999	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles. Volume 2 - MLV-SAT INT-17 vehicle Final report	1966
19660080000	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles. Volume 3 - MLV-SAT INT-18.5/S/ vehicle	1966
19660080001	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles. Volume 4 - MLV-SAT INT-18.7/S/ vehicle Final report	1966
19660080002	Studies of improved Saturn V vehicles and intermediate Saturn vehicles. Volume 5 - MLV-SAT INT-19/MM/ vehicle Final report	1966
19660080003	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles. Volume 6 - Technology report Final report	1966
19660080004	Studies of Improved Saturn V Vehicles and Intermediate Payload Saturn Vehicles	1966
19660080011	Evaluation of a high energy monopropellant /U/ Quarterly progress report, 9 Mar. - 8 Jun. 1966	1966
19660080015	Anisotropic liquids for detection of contaminants /U/ Twenty-first letter report	1966
19660080017	Research of far wake calculations for a reentry sphere /U/	1966
19660080020	Analytical investigation of candidate thermal- structural concepts applicable to wing, fuselage and inlet structure of a manned hypersonic vehicle /U/ Final report, 15 Jun. - 5 Dec. 1965	1966
19660080024	Fire-resistant fluids for MIL-H-5606B REPLACEMENT in the Southeast Asia theater of operation Technical report, 18 Jan. - 1 Mar. 1966	1966
19660080025	Development of L-band solid state radiosonde transmitter First quarterly report, 1 Feb. - 30 Apr. 1966	1966
19660080026	Aspects of the design of rotary filamentary filters for the removal of gas-borne particulate	1966
19660080027	High power laser amplifier chain techniques Final report	1966
19660080028	Daily and monthly northern hemisphere 10-millibar synoptic weather maps of the year 1965. Part III - July - September Quarterly technical status report, Nov. 1965 - Jan. 1966	1966
19660080029	Daily and monthly northern hemisphere 30-millibar synoptic weather maps of the year 1965. Part III - July - September Quarterly technical status report, Nov. 1965 - Jan. 1966	1966
19660080031	Investigations of excitation and propagation in ionized media Final report, Jun. 1964 - Oct. 1965	1966
19660080032	Study of droplet effects on steady-state combustion. Volume II - Droplet size distribution measurements with the electrometer probe technique Final report, 1 Jul. 1965 - 1 Apr. 1966	1966
19660080034	The effect of corrosion conditions on the stress tear corrosion behavior of A1ZnMg3	1966
19660080036	Aerobee NRL/NE 3.190 /27 July 1966/ Meteorological data report	1966
19660080038	Metallurgical examination of Bullpup "A" propulsion unit S/N 4800 after three years of storage	1966
19660080039	Nike-Apache STV /SR-033/ /21 July 1966/ Meteorological data report	1966
19660080040	Infrared study of nitrate esters the NO ASYMMETRIC stretching vibration band of 3,3,3-trifluoro-1,2-dinitratopropane	1966
19660080041	Telemetry systems standardization - Passive carrier design of frequency-division channels and systems	1966
19660080042	The measurement of transient ionization levels using open microwave resonators	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080043	A new cinedensitometer for rapid analysis of re-entry observables	1966
19660080044	The electron beam as an electromagnetic medium Interim report	1966
19660080045	Potential radiation-protective compounds. Synthesis of alpha-amino Bunte salts and related compounds Final technical report, 1 Jul. 1964 - 31 Mar. 1966	1966
19660080046	Process development for precision titanium forgings Interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660080047	An automatic-throttle device for airspeed control during flare to field landings	1966
19660080048	Demonstration of a submerged cooled nozzle Third quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19660080049	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Mar. - 30 May 1966	1966
19660080050	Development of a non-destructive radiation effects prediction technique Third quarterly progress letter, period ending 31 Jul. 1966	1966
19660080051	Wideband optical modulation technique Quarterly report no. 1, Jun.-Oct. 1965	1966
19660080052	Wideband optical modulation technique Interim technical report no. 2, Oct. 1965 - Jan. 1966	1966
19660080053	Program 624A quarterly reliability and quality assurance report. Volume I - Reliability	1966
19660080054	High power RF window study First quarterly report, Jun.-Sep. 1965	1966
19660080055	High power microwave components in oversized waveguide Interim report, 17 Sep. 1965 - 17 Mar. 1966	1966
19660080056	Exercise tolerance at high and low altitudes - "Muscular exercise in young men native to 3100 meters altitude /Leadville, Colorado/" Annual progress report, 1 Feb. 1965 - 31 Jan. 1966	1966
19660080057	Four layer diode development program Final report, Oct. 1964 - Oct. 1965	1966
19660080058	Dust alleviators. Report no. 1 - Resin-base and latex-base concrete curing compounds	1966
19660080059	An investigation of the internal flow characteristics of three configurations of the ALARR payload at supersonic Mach numbers	1966
19660080060	Conference on Scattering, Non-Linear Optics and Electro-Magneto-Optics	1966
19660080061	Preliminary theoretical results of laminar wake ionization behind hypersonic spheres and cones	1966
19660080062	Failure mechanisms in resistors Progress report, 1 Jun. - 15 Oct. 1965	1966
19660080063	Chemiluminescent radiation from the far wake of hypersonic spheres	1966
19660080064	Development of joining techniques for TD NICKEL-CHROMIUM Interim progress report, Apr. 1 - Jul. 1, 1966	1966
19660080065	Collection and analysis of seismic wave propagation data. Supplement 4 - Two-dimensional waves in an infinite medium bounded internally by a harmonically pressurized ellipse	1966
19660080066	The design of the Mount Haleakala Observatory transfer lens	1966
19660080067	Fabrication development for hollow ball bearings Interim engineering progress report no. 1, 1 Jun. - 31 Jul. 1966	1966
19660080068	Turbulent diffusion in a Penning-type discharge Technical report, Jan. 1965 - May 1966	1966
19660080069	Engineering and environmental conditions. Part III - Corrosion, corrosion protection, and testing in the development of weather-resistant products	1966
19660080070	Woody fractures in extruded AlCuMg bars	1966
19660080071	Free standing pyrolytic graphite thrust chambers for space operation and attitude control. Phase I - Analysis and preliminary design Final report	1966
19660080072	Transpiration-film cooling study using spiral-wound-ribbon nozzles Final report, Nov. 1965 - Feb. 1966	1966
19660080073	Design and development of a X-ray camera for continuous powder photographs during programmed temperature changes	1966
19660080074	Bulletin of the Radio and Electrical Engineering Division, volume 16, no. 1, January - March 1966	1966
19660080075	The scattering by a two-dimensional periodic array of plates	1966
19660080076	Effects of polymer chain orientation upon the thermal conductivity of polymethyl methacrylate at liquid nitrogen temperatures	1966
19660080077	Progress report to C.V.D., September - April 1966	1966
19660080078	Component development for the 23KS20000 ROCKET motor	1966
19660080079	Seismic noise survey long-range seismic measurements program, volume 3	1966
19660080080	Long period seismograph installation at La Paz, Bolivia	1966
19660080081	A study of the storage stability of the barium fluoride film electric hygrometer element and a report of three experimental applications	1966
19660080082	Lear Siegler, Inc. model 23046-006 starter-generator qualification tests Interim report, 18 Mar. 1965 - 25 Feb. 1966	1966
19660080084	Microwave transistors Quarterly report no. 3, 1 Dec. 1965 - 28 Feb. 1966	1966
19660080085	Investigation of creep phenomena in polyethylene and polypropylene	1966
19660080086	Creep properties and creep measurement techniques for a chromium-magnesium oxide composite up to 2200 deg F in air Final report, Mar. 1963 - Jul. 1964	1966
19660080087	Antenna array element study Second quarterly interim report	1966
19660080088	Combustion stability of metallized gelled propellants First quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19660080089	Fluid flow and heat transfer in high- temperature porous matrices for transpiration cooling Final report	1966
19660080090	Equilibrium properties of argon-air mixtures behind incident and reflected shock waves	1966
19660080091	Radiation effects on dielectric materials Quarterly report no. 3, 1 Dec. 1965 - 28 Feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080092	Evaluations of characteristics affecting attainment of optimum properties of ablative nozzle components Third quarterly report, 18 Mar. - 17 Jun. 1966	1966
19660080093	Optical background modulation noise experiment	1966
19660080094	High temperature polymers from 1,3-dipolar addition reactions Quarterly progress report, 1 May - 31 Jul. 1966	1966
19660080095	Fundamental research on advanced oxidizers Quarterly technical report no. 14, Mar. - May 1966	1966
19660080096	Effect of unit Reynolds number on transition in the wakes of high speed sharp slender cones	1966
19660080097	Faraday rotation data - Bangkok, Thailand. Geophysical data report, Nov. 1964 - Jun. 1965	1966
19660080098	The development of a fossil fuel fired heat pipe for use with thermionic energy converters Third quarterly technical report, 1 Jan. - 31 Mar. 1966	1966
19660080099	Data buffering techniques study Third quarterly report, 1 Apr. - 30 Jun. 1966	1966
19660080100	Dehydration and muscular work	1966
19660080101	Beryllium oxide ceramics processes, properties and applications Final technical report, Apr. 1964 - Jul. 1965	1966
19660080102	Comparison of computed and experimental shock shapes and locations for free flight models	1966
19660080103	A wind-tunnel air-wake survey of a 1/144-scale model aircraft carrier to evaluate side-mounted horizontal air deflectors	1966
19660080104	Feasibility determination and development of an experimental hot-microhardness device satisfactory for use with ceramic materials to temperatures approaching 1800 to 2000 C Technical report, Nov. 1, 1964 - Mar. 31, 1966	1966
19660080105	Flow over a moving boundary in relation to wind-generated waves	1966
19660080106	An analysis of the forces and moments on re-entrant vee-step planing surfaces Final report, Jun. 1965 - May 1966	1966
19660080107	Evaluation of composite materials for gas turbine engines Interim engineering progress report, 1 Apr. - 30 Jun. 1966	1966
19660080108	Circular arrays of beverage antennas for high frequency direction finding Interim development report, 1 Apr. - 30 Jun. 1966	1966
19660080109	Constant oblique field electrostatic generator Quarterly report no. 3	1966
19660080110	An advanced high temperature thermocouple for use on aerospace vehicles Technical report, Feb. 1964 - Nov. 1965	1966
19660080111	Off-line adaptive flight control system	1966
19660080112	Evaluation of the AASHO profilometer for measuring airfield pavement profiles	1966
19660080113	High voltage solar cell array segment Interim progress report, 1 Apr. - 1 Jul. 1966	1966
19660080114	Feasibility study of terrestrial thermoelectric nuclear power plant Technical report, 3 May 1965 - 7 Mar. 1966	1966
19660080115	Investigation of boride compounds for very high temperature applications Technical documentary report, Dec. 1964 - Jan. 1966	1966
19660080116	Stanford Electronics Laboratories quarterly status report no. 101, 1 January through 31 March 1966	1966
19660080117	Research and development of direct synthesis of carboranes Final report, Jul. 1, 1965 - Jun. 30, 1966	1966
19660080118	Annual progress report, 1 July 1965 - 30 June 1966	1966
19660080119	Investigations of high-power beam plasma interactions First quarterly report, 15 Dec. 1965 - 14 Mar. 1966	1966
19660080120	Study of boiling instability of alkali metal at low-heat fluxes Technical report, 1 Sep. 1963 - Apr. 1964	1966
19660080121	Reliability physics studies on transistors Final report, 25 Nov. 1964 - 29 Nov. 1965	1966
19660080122	Hot firing evaluation of spiral wound ribbon structures for transpiration/film cooling First quarterly report, Apr. 1 - Jun. 30, 1966	1966
19660080123	A collective model for electron scattering from nuclei	1966
19660080124	Proceedings of the Seventh Annual AFETR RANGE User Data Symposium	1966
19660080125	Introduction to Seventh Annual AFETR Range User Data Symposium	1966
19660080126	Matrix inversion	1966
19660080127	Smoothing /filtering/ of data	1966
19660080128	Data reduction use of matrix theory and smoothing	1966
19660080129	GDOPS and error propagation	1966
19660080130	Antenna patterns	1966
19660080131	Refraction corrections	1966
19660080132	UDOP reduction	1966
19660080133	Pulse radar math model	1966
19660080134	Reduction of pulse radar data	1966
19660080135	MISTRAM math model	1966
19660080136	Reduction of MISTRAM data	1966
19660080137	Use of weighting in a minimum variance solution	1966
19660080138	Reduction of the GLAD/BET	1966
19660080139	GLOTRAC data reduction	1966
19660080140	Orbital BET	1966
19660080141	Missile impact location system, broad ocean area /MILS BOA/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080142	Future plans for GLAD/BET	1966
19660080143	Effects of unmodeled errors on BET	1966
19660080144	Analysis of staff data	1966
19660080145	CW systems studies	1966
19660080146	Evaluation of the mechanism of some physical effects of lasers on tissue Technical report, Jul. 1963 - Oct. 1965	1966
19660080147	Oxidation-resistant coatings for refractory metals	1966
19660080148	Research on gas lubrication at high temperatures and low flow rates Technical documentary report, 1 Mar. 1965 - 1 Mar. 1966	1966
19660080149	Report of MIL-B-131D qualification test results on the Marvellum Company product Marvelseal B-117-E	1966
19660080150	The resonance probe in a moderately high density positive column xenon plasma	1966
19660080151	Supersonic near free molecule flow over a specularly reflecting flat plate with a deflected flap	1966
19660080152	Manufacturing process for premium quality titanium casting Final technical report, 15 Feb. - 15 Apr. 1966	1966
19660080153	Manufacturing methods processes and development for cesium beam frequency standards Interim engineering progress report, 9 Dec. 1965 - 9 Mar. 1966	1966
19660080155	Collection and analysis of seismic wave propagation data. Supplement 1 - Analog computer measurement of time-varying power spectra	1966
19660080156	Ultrasonic wave propagation and interaction in solid materials Technical documentary report, 29 Dec. 1964 - 1 Dec. 1965	1966
19660080157	Study of recording on silver halide film with an electron beam	1966
19660080158	Refraction and diffraction of pressure pulses by gradients in the propagation velocity	1966
19660080159	Radially symmetric lenses for millimeter wave antennas Technical report, Apr. 1965 - Apr. 1966	1966
19660080160	Research on criteria for selection of alloys and surface treatments for inhibition of tungsten oxidation. Part III. Studies on the chemical and physical properties of ternary phases containing tungsten and oxygen Technical documentary report, Jul. 1, 1965 - Jun. 30, 1966	1966
19660080162	Relativistic theory of wide-bandwidth radar	1966
19660080163	Titanium and titanium alloys	1966
19660080164	Review of recent developments. Refractory metals /Cb, Ta, Mo, W/	1966
19660080165	The effectiveness of two-dimensional momentum traps	1966
19660080166	MOL-HSQ integrated EMC test plan, rev. 1	1966
19660080168	On the analytical and experimental investigation of a hydrostatic axisymmetric compliant-surface thrust bearing	1966
19660080170	Instability of longitudinally stiffened shells Report, 1 Nov. 1965 - 1 Feb. 1966	1966
19660080171	Electrical and thermal transport models for analysis of reinforced composites	1966
19660080172	Exercise tolerance at high and low altitudes - Regulation of ventilation during exercise at 10,200 feet in athletes born at low altitude Annual progress report, 1 Feb. 1964 - 31 Jan. 1965	1966
19660080173	Inspection history of Foster-Wheeler steam accumulators used with TC13 and TC13 Mod 1 steam catapults Final report, Feb. 1959 - Mar. 1965	1966
19660080174	Quantitative investigation of the mineralogy and petrography of iron meteorites Progress report, Jan. - Jun. 1966	1966
19660080179	A scheme for determining the two-dimensional roughness characteristics of an icepack	1966
19660080180	Under-ice acoustics at high frequencies	1966
19660080181	Fiber-reinforced metallic composite materials, phase III Interim engineering progress report no. 6, 1 Mar. - 31 May 1966	1966
19660080182	Spectroscopy and solid state quantum electronics at optical and infrared wavelengths Semiannual status report no. 8, Apr. 1 - Sep. 30, 1966	1966
19660080184	Test, evaluation, qualification skysail "E" personnel and ribless guide surface drogue	1966
19660080185	Electronic equipment interference characteristics-communication type Final report, 15 Feb. - 30 Apr. 1966	1966
19660080186	A study of aerosol particle fractionation by continuous particle electrophoresis First quarterly report	1966
19660080187	The linear pyrolysis of polymethylmethacrylate	1966
19660080188	Research on cosmic ray electrons Semiannual status report, Mar. 31 - Sep. 1, 1966	1966
19660080189	The brittle fracture of alumina Final technical report, 1 Feb. 1965 - 31 Jan. 1966	1966
19660080190	Drag prediction techniques for munitions and sounding rockets	1966
19660080191	Development of manufacturing methods for the production of superconductive devices Interim engineering progress report, 1 Jan. - 30 Jun. 1966	1966
19660080193	Red-shift arising from light passage in a magnetic field Final report	1966
19660080194	The hydrothermal growth of large ruby crystals Interim engineering progress report, 15 Jan. - 15 Apr. 1966	1966
19660080195	A study of the physical basis of mechanical properties of ceramics Final report, 15 Mar. 1965 - 15 Feb. 1966	1966
19660080196	Faraday rotation measurements of electron content near the magnetic equator, using the transit IV-A satellite	1966
19660080198	Flight test of the single plane control system for the Nike-Javelin Final report, 17 Jul. - 10 Dec. 1964	1966
19660080199	Hot gas servo control system for missiles	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080200	Investigation of a 30,000 rpm turbine- driven hydraulic pump Quarterly progress report, Apr. 1 - Jun. 30, 1966	1966
19660080201	Heat transfer from a propane-oxygen flame seeded with aluminum powder	1966
19660080202	Model F-8 aircraft air-conditioning cooling turbine evaluation Second final report, 8 Jan. - 9 Jun. 1966	1966
19660080203	Measurement of the Cross Section for Detachment of Electrons from the Negative Hydrogen Ion by Electron Impact	1966
19660080204	Longitudinal combustion - Some empirical results and related design considerations	1966
19660080205	Liquid rocket engine combustion instability studies Final report, 1 Jan. 1965 - 31 Mar. 1966	1966
19660080206	Large-scale integrated circuit arrays Interim technical report, Apr. 1 - Jun. 30, 1966	1966
19660080207	The time-temperature-transformation characteristics of two experimental alloy steels containing aluminium	1966
19660080208	Oxide compounds with spinel structure Phase report, Sep. 1, 1965 - Mar. 31, 1966	1966
19660080209	X-band phased array tube development Final report, 16 Nov. 1964 - 16 Feb. 1966	1966
19660080210	Radioactive backscatter sensor Final report, 1 Jan. 1965 - 31 Mar. 1966	1966
19660080211	Research on extruding, drawing and heat treating of titanium Interim engineering progress report, 1 Feb. - 30 Apr. 1966	1966
19660080212	Research in connection with propagation of high frequency /HF/ waves Final annual technical report, Jan. 1965 - Jul. 1966	1966
19660080213	Mechanisms of fatigue in 7075-T6 aluminum Technical report, 1 Apr. 1965 - 31 Mar. 1966	1966
19660080214	Dispersive characteristics of the ionosphere Interim report no. 5, 1 Dec. 1964 - 30 Sep. 1965	1966
19660080215	Lattice deformation feasibility study First quarterly report, 1 Apr. - 30 Jun. 1966	1966
19660080216	Development, test and evaluation of helicopter rescue hoist cables Final report	1966
19660080217	Extent of relict soils revealed by Gemini IV PHOTOGRAPHS	1966
19660080218	Preliminary report on radar imagery of Cedar City - Iron Springs area, Utah	1966
19660080219	Evaluation of Nimbus vidicon photography, southwest France and northeast Spain	1966
19660080220	An evaluation of the Gemini IV color photos of the Gulf of California - central Texas area	1966
19660080221	Geological evaluation of Nimbus vidicon imagery, northwest Greenland	1966
19660080222	Geological evaluation of radar imagery, Appalachian Piedmont, Harford and York counties, Maryland and Pennsylvania	1966
19660080223	Geological evaluation of radar imagery of the Spanish Peaks Region, Colorado	1966
19660080224	Propellant combustion phenomenon during rapid depressurization Annual report no. 1,	1966
19660080226	Research in the conversion of various forms of energy by unconventional techniques Status report	1966
19660080227	Effect of changes in apparent weight on the efficiency of synthetic steroids to alter calcium metabolism. II. Development of indexes of calcium metabolism amenable to instrumental analysis and telemetry Progress report	1966
19660080228	Manned flying system landing gear study Final report	1966
19660080229	Project PYRO Monthly progress report, period ending 31 May 1966	1966
19660080230	Conceptual analysis of an observatory for infrared astronomy	1966
19660080231	Perturbation theory in atomic and molecular quantum mechanics Progress report, 1 Feb. - 1 Aug. 1966	1966
19660080232	Scientific mission support study, volume I SUMMARY technical report /final/	1966
19660080233	Model study of ionosphere perturbations and propagation between two sites Quarterly report no. 18, 1 Apr. - 1 Jul. 1966	1966
19660080234	Error probability in energy detection of Gaussian signals through RC filters Progress report, Jul. - Dec. 1965	1966
19660080235	Electronic and nuclear paramagnetism and energy exchange mechanisms Annual technical report, Sep. 1964 - Sep. 1965	1966
19660080236	The determination of the spectral distribution of the X-ray intensities emitted by a 4.3 MeV Linac	1966
19660080237	Consumable infrared flare tow target aerodynamic design data Final report	1966
19660080238	Multidisciplinary research leading to utilization of extraterrestrial resources Annual status report, 1 Jul. 1965 - 1 Jul. 1966	1966
19660080239	The performance of a radio frequency ion spectrometer as a result of variations in the ionic entrance angle and velocity, part III Final report	1966
19660080241	Meteor research program Bimonthly progress report no. 2, 1 Jun. - 31 Jul. 1966	1966
19660080242	Surface ionization phenomena Status report, 1 Mar. - 30 Sep. 1966	1966
19660080243	Nonequilibrium gasdynamics Quarterly report, period ending 30 Sep. 1966	1966
19660080244	Scientific mission support study, volume II. PART 2 - Instruments and specifications Final report	1966
19660080245	Apollo/uprated Saturn I ground systems evaluation report AS-203	1966
19660080246	Floidyne Controls, Inc. pilot operated and controlled valve, manufacturer's part number 15C160, NASA part number 75M08820 rev. B Test report	1966
19660080247	Quick-response design team services and responsibilities	1966
19660080248	Snap-Tite, Incorporated quick-disconnect coupling assembly, manufacturer's part number 3243-6 and 7, NASA part number 75M05867, FCQ-1 Test report	1966
19660080249	Results of sound pressure level measurements during AS-203 launch. Part II - Spectral distribution comparative level diagrams	1966
19660080250	Goodyear Tire and Rubber Company hose assembly, flexible, 6-inch, manufacturer's part number 553-638, NASA part number 75M05867 FFH-1 Test report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080251	Adsorption of gases on glass and silver powders	1966
19660080252	EFCO Hydraulics, Inc. 4-inch ball valve, normally closed, manufacturer's part number D-2158, NASA part number 75M05867, FBV-2 TEST report	1966
19660080253	EFCO Hydraulics, Inc. 4-inch normally open ball valve, manufacturer's part number D-2158, NASA specification number 75M05867, FBV-3 Tests report	1966
19660080254	Flowmatics, Incorporated 8-inch RP-1 check valve, manufacturer's model number E-101, NASA specification 75M08567, FCV-1 Test report	1966
19660080255	Kemp Aero Products double solenoid valve, manufacturer's part number K402016, NASA PART number 75M08822, rev. A Test report	1966
19660080256	SURVEYOR B /AC-7/ flash flight report	1966
19660080257	Marotta Valve Corporation pneumatic/ hydraulic relief valve, manufacturer's part number 225844-341, NASA part number B75M08832 rev. C Test report	1966
19660080258	Detection of orographic ascending airflow by the ascending velocity of radiosonde balloons	1966
19660080259	Solenoid valves maintenance manual. Service and access arms, Saturn V Launch Complex 39	1966
19660080260	Pilot-operated valves maintenance manual. Service and access arms, Saturn V Launch Complex 39	1966
19660080261	Miscellaneous maintenance manual. Service and access arms, Saturn V Launch Complex 39	1966
19660080262	Cylinders maintenance manual. Service and access arms, Saturn V Launch Complex 39	1966
19660080263	Pressure regulators maintenance manual. Service and access arms, Saturn V Launch Complex 39	1966
19660080264	Apollo Saturn operation and maintenance. Volume II - Logic diagrams, LCC, data transmission system LC-39 Technical manual	1966
19660080265	Apollo Saturn operation and maintenance. Volume III - Logic diagrams, PTCR, data transmission system LC-39 Technical manual	1966
19660080267	Scientific mission support study, volume II. Part 1 - Detailed technical report /Missions and integration/ Final report	1966
19660080268	Metals and Controls, Inc. plunger actuated limit switch, manufacturer's part numbers 21609-1 and 21609-2, NASA part numbers 75M02807-1 rev. K and 75M02807-2 rev. K Test report	1966
19660080270	Experiments using cold forging equipment for ausformed components, part II	1966
19660080271	Theoretical and experimental investigations in the electromagnetic, radiative and thermodynamic properties of ionized flows of gases, and in plasma boundary conditions at conducting and nonconducting walls Progress report, 1 Jan. - 30 Jun. 1966	1966
19660080272	F-1 engine qualification test procedure	1966
19660080273	Nimbus meteorological satellite integration and testing Quarterly progress report, 16 Feb. - 15 May 1966	1966
19660080275	Chamber technology for space storable propellants Second interim report synopsis, 1 Jul. 1965 - 31 Mar. 1966	1966
19660080277	Phonon-electron spin interactions in paramagnetic salts Semiannual status report, 15 Dec. 1965 - 15 Jun. 1966	1966
19660080279	The formation of channelling patterns on the surface of ion bombarded silicon	1966
19660080280	Free energy calculations on the reactions of oxides and iodides in sodium	1966
19660080281	Electron cyclotron instability experiment	1966
19660080282	Supersonic flow fields produced by conical bodies of arbitrary cross section	1966
19660080283	Advanced fiber-reinforced tungsten nozzle First quarterly technical report, 15 Mar. - 30 Jun. 1966	1966
19660080307	Research and development of an open-cycle fuel cell system Monthly progress report no. 24, Apr. 1-30, 1964	1966
19660080312	Transmission of oscillatory pressures in small-diameter tubes	1966
19660080313	Light by an electron beam Final report, Oct. - Dec. 1965	1966
19660080314	Theory for viscous shock attenuation in ducts based on the kinetic theory of gases experimentally verified to a shock strength of 68	1966
19660080315	Study and investigation leading to the design of broadband high power klystron amplifiers Third quarterly report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660080316	Solid-state broadband impulse interference and calibration source Technical report, 15 Jan. - 15 Mar. 1966.	1966
19660080317	An experimental investigation of the effect of surface conditions on nucleate pool boiling heat transfer to liquid nitrogen from a horizontal surface	1966
19660080318	Flow measurement Final research and development report	1966
19660080319	Fault isolation in electronic devices. Volume I - Investigation of the phenomenon of RF radiation from electrical discharges	1966
19660080321	Heat transfer and flow friction characteristics of a plate-fin type cross-flow heat exchanger with perforated fins	1966
19660080322	Effects of high pressure on deformation characteristics Interim progress report no. 1, 7 Mar. - 6 Jun. 1966	1966
19660080323	Experimental investigations concerning the problems of hydrofoils	1966
19660080324	Experimental study of BIC materials applicable to storage devices Final report, 15 Mar. 1965 - 15 Mar. 1966	1966
19660080325	Reaction of oxygen atoms with tetrafluoroethylene in the presence of molecular oxygen Report, 1 Jul. 1965 - 15 Apr. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080326	Airborne phased array antenna signal processing techniques Interim engineering report no. 4, 1 May - 31 Jul. 1966	1966
19660080327	An analysis of flexible aircraft structural mode control. Part I - Unclassified data Final report, 11 May 1964 - 31 Jul. 1965	1966
19660080328	Effect of two fluorocarbon lubricity additives upon the thermal stability of an advanced hydrocarbon jet fuel Technical report, Feb. - Jul. 1965	1966
19660080329	Investigation of the interaction between a longitudinal slot and a plasma	1966
19660080330	A modified penalty term for the sequential unconstrained minimization technique for convex programming problems	1966
19660080331	Measurement of acoustical impedances of fluids by analysis of transient acoustic waveshapes using an acoustical waveguide with piezoelectric transducers	1966
19660080332	Oceanographic data Arctic Ocean /Beaufort Sea/ October 1964	1966
19660080333	Open cycle magnetohydrodynamic generator research Quarterly report no. 5	1966
19660080334	Titan III modified payload fairing /development test program results/ Final report	1966
19660080335	Some results of a study of atmospheric turbulence in clear air above thunderstorms and of its relationship to weather radar pictures	1966
19660080337	Texas biannual of electronics research no. 3. A summary of research for the period October 1, 1965 through March 31, 1966	1966
19660080338	Service test of expeditionary shelters for aircraft maintenance class "C" and "D" Final report, Nov. 1962 - Aug. 1966	1966
19660080339	Research on electrical conductors for high temperature applications Summary technical report, 1 Jul. 1963 - 31 Mar. 1966	1966
19660080340	Portable video mapper /TAC-MAP/ Final report, 25 Apr. - 16 May 1966	1966
19660080341	What is a transistor /ques/	1966
19660080342	X-band tunnel diodes for phased array radar Final report, Jun. 14, 1965 - Jun. 14, 1966	1966
19660080343	Relativistic corrections for terrestrial clock synchronization Report, Feb. 1 - Mar. 1, 1966	1966
19660080350	Analysis of the balmer spectrum of solar flares	1966
19660080351	AN/MRC-107, category I Final test report	1966
19660080352	Research on the memory system for microcircuits Interim engineering progress report, 1 May - 31 Jul. 1966	1966
19660080353	Review of dimensional instability in metals	1966
19660080354	Controller's Data Display Mark II - Instruction manual Special technical report 21	1966
19660080361	On the influence of small amounts of substitutional elements on recovery, recrystallization and internal friction of high-purity iron, note II Final technical report, 1 May 1965 - 30 Apr. 1966	1966
19660080367	Creep equation for 10-12 percent cold-worked A.I.S.I. type 304 stainless steel under pressurised water reactor conditions	1966
19660080368	Scoring encounters between vehicles at orbital altitudes /Backgrounds/	1966
19660080369	Scoring encounters between vehicles at orbital altitudes /Thermal detectors for scoring systems/ Final report, Dec. 1964 - Apr. 1966	1966
19660080370	A basic study of the sliding contacts in rolling bearings First quarterly progress report of project III, 16 Apr. - 16 Jul. 1966	1966
19660080371	Research on energy transfer problems in superconductors and flowing plasmas Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660080372	Research study of the electrochemical determination of macromolecules Final report, 28 Jun. 1965 - 30 Jun. 1966	1966
19660080373	Research on control of forced vibration in machine tool/metal cutting systems Interim engineering progress report no. 4, 1 Mar. - 30 Jun. 1966	1966
19660080374	Research into new approaches for VHF filter crystals Eleventh quarterly report, 16 Jan. - 15 Apr. 1966	1966
19660080375	Research of eutectoid reactions in metal alloys Final report, 1 May 1962 - 31 Mar. 1966	1966
19660080376	Research and investigations into the growth of crystals suitable for infrared quantum counters First interim technical report, 17 Mar. - 17 Jun. 1966	1966
19660080377	Response of a burning propellant surface to erosive transients Quarterly report no. 2, 1 Apr. - 30 Jun. 1966	1966
19660080378	A comparison of reflective and non-reflective materials for use in proximity fire fighters' clothing	1966
19660080379	A design method for aircraft basic shapes with fully attached shock waves using known axisymmetric flow fields	1966
19660080380	The interaction between dislocation loops and straight dislocations in an anisotropic material, graphite	1966
19660080381	Coherent neutron scattering length of 18O	1966
19660080386	Reentry Environment and Systems Technology /REST/. Volume II - Appendixes /U/ Semiannual progress report, 1 Jul. - 31 Dec. 1965	1966
19660080387	Reentry Environment and Systems Technology /REST/. Volume I - Summary /U/ Semiannual progress report, 1 Jul. - 31 Dec. 1965	1966
19660080389	Program for Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor (U) Monthly Technical Progress Report No. 24, Jun. 1-30, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080390	Program for Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor (U) Monthly Technical Progress Report No. 23, 1-31 May 1966	1966
19660080391	J-12 Program (U) Bimonthly Progress Report, May - Jun. 1966	1966
19660080394	Evaluation of high-energy binder /U/ Quarterly progress report no. 1, 1 Mar. - 31 May 1966	1966
19660080397	Research on photoconductive beam scanning pickup tubes /U/ Project summary, 15 Mar. - 30 Nov. 1965	1966
19660080400	High energy propellant ingredient research and development /U/ Quarterly technical report no. 2, 1 Apr. - 30 Jun. 1966	1966
19660080401	Low-altitude performance improvement of AN/APQ-72 radar /U/	1966
19660080404	CW plasma arc pumped laser Interim technical report no. 3, 1 May - 31 Jul. 1966	1966
19660080405	Electrostatic focusing of hollow spiraling electron beams Fifth quarterly report, 5 Jan. - 5 Apr. 1966	1966
19660080406	A photoelastic investigation of stresses in two different pipe fittings	1966
19660080407	Development of a gallium arsenide metal oxide semiconductor transistor Interim technical report, 1 Mar. - 31 May 1966	1966
19660080408	Development of refractory extrusion liners Interim engineering progress report, 15 Apr. - 15 Jul. 1966	1966
19660080409	Ionospheric Data Report Monthly report for Mar. 1966	1966
19660080410	Behavior of explosive systems under mild impact Final report, 1 Nov. 1964 - 30 Apr. 1966	1966
19660080411	Electrostatic multicolor map printer Interim report	1966
19660080412	Elastic scattering of low-energy electrons from oxygen	1966
19660080413	The effect of a turbulent medium on the power pattern of a wavefront tracking circular aperture	1966
19660080414	Process evaluation for large solid motors cases, internal roll-extruded Interim engineering progress report, 1 Apr. - 30 Jun. 1966	1966
19660080415	An engineering investigation of the lightweight, low-noise-level, negligible- combustion-signature engine in the 6-10 hp range Final report	1966
19660080416	Evaluation of Weksler Instruments Corporation gas actuated thermometers Final evaluation report	1966
19660080417	Investigation of thermodynamic properties of rocket combustion products Second quarterly technical report, 1 Apr. - 30 Jun. 1966	1966
19660080418	Integrated 2200-MHz maser amplifier and cryogenic refrigerator Final report, Mar. 1965 - Apr. 1966	1966
19660080419	Development of experimental testing programs to verify thermal stress analysis Final report, 15 Jun. 1965 - 15 May 1966	1966
19660080420	Development of a tubing and bar process for a dispersion strengthened Ni-Cr-ThO ₂ alloy Interim engineering progress report, 1 Apr. - 30 Jun. 1966	1966
19660080421	Practical implementation of high performance data transmission using M-ARY alphabets	1966
19660080422	Trough waveguide analysis of a glide re-entry vehicle	1966
19660080423	Cooling effectiveness of three fire fighting agents	1966
19660080424	Design of hydrogen-oxygen capillary type fuel cell Quarterly technical progress report, 1 May - 31 Jul. 1966	1966
19660080425	The earth's radiation belts Technical report, Dec. 1965 - Apr. 1966	1966
19660080426	The equations of motion of a viscous, compressible gas referred to an arbitrarily moving coordinate system	1966
19660080427	Development and application of methods for predicting the temperature composition stability of refractory compounds Technical report, 15 Feb. 1965 - 30 Apr. 1966	1966
19660080428	Development of low temperature gas generator technology	1966
19660080429	The application of superconductivity to tactical ground power units	1966
19660080430	Optimal shock isolation synthesis Technical report, Jun. 1964 - Jun. 1966	1966
19660080431	Investigation of thermodynamic properties of rocket combustion products Final technical report, 1 Apr. 1965 - 30 Apr. 1966	1966
19660080432	Environmental research satellites for space propulsion systems experiments Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19660080433	Machining data for numerical control - Face milling	1966
19660080434	Microwave generation by means of interaction with anisotropic media Quarterly progress report no. 3, 15 Dec. 1965 - 15 Mar. 1966	1966
19660080435	The metabolic effects of fever and infection Annual progress report no. 2, 1 Jul. 1965 - 30 Jun. 1966	1966
19660080436	Development of analytical techniques for the determination of minute quantities of selected elements in beryllium Final report, 16 Apr. 1965 - 15 Jul. 1966	1966
19660080437	On scattering from thin wires, part II	1966
19660080438	Design of an adiabatic demagnetization cryostat for ultrasonic attenuation studies	1966
19660080439	Optimum frequency detection techniques Final report, phase I, Oct. 1964 - Jun. 1965	1966
19660080440	Investigation of the enhancement of carbon dioxide absorption by amines with the enzyme carbonic anhydrase Interim report, Jul. - Dec. 1965	1966
19660080441	Performance data for Mars capture and lander vehicles using aero-braking Final report	1966
19660080442	The physiological effects of argon, helium and the rare gases Technical report, 1 Jun. 1965 - 31 Jul. 1966	1966
19660080443	Focussing of supersonic disturbances generated by a slender body in a non-homogeneous medium	1966
19660080444	F-105D statistical flight loads program, volume II Final report, 20 Dec. 1963 - 22 Mar. 1965	1966
19660080446	Qualification of M-252-type I, A type I, class 2, adhesive under federal specification MMM-A-132 submitted by Whittaker Corporation, Narmco Materials Division	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080447	Farfield prediction of broadband transducers from nearfield measurements Final report, 1 Jul. 1965 - 31 Mar. 1966	1966
19660080448	Comparative properties of AISI 303 and Universal-Cyclops type 303 MA free- machining grades of stainless steel Final report, Dec. 1964 - Jul. 1966	1966
19660080449	Evaluation of corrosion inhibitor performance in hydrochloric acid Final evaluation report	1966
19660080451	Improved quantum efficiency laser detectors Final report, 1 Aug. 1965 - 1 Apr. 1966	1966
19660080452	Optical electronics for military aerospace applications Quarterly program progress report no. 3, 1 Jan. - 31 Mar. 1966	1966
19660080453	Optimizing computer analysis of shock records Final report	1966
19660080454	Study of ECM antenna optimization Third quarterly report	1966
19660080455	Further observations of planets and quasi-stellar radio sources at 3 mm Technical report, 10 Apr. 1965 - 29 Apr. 1966	1966
19660080456	The measurement of oil film thickness versus time under impact loading conditions	1966
19660080457	Fluctuating meteorological parameters Final report	1966
19660080458	The ablation response of oscillating bodies	1966
19660080459	Technical and fireball photography	1966
19660080460	Numerical studies of base flow Technical report, 1 Jan. - 31 Dec. 1965	1966
19660080461	Kinetics of carbon-atom recombination in shock-heated CF4	1966
19660080462	Development of improved cutting tool materials Interim engineering progress report, 16 May - 15 Aug. 1966	1966
19660080463	Basic investigation of cryogenic refrigeration methods Final report, 1 Feb. 1965 - 21 Jan. 1966	1966
19660080464	Investigation of hazardous vapor detection for advanced flight vehicles Technical report, 15 Mar. 1965 - 15 Mar. 1966	1966
19660080465	Long-wavelength laser detector techniques Technical report, 15 Feb. - 1 May 1966	1966
19660080466	Investigation of a fast neutron monitoring system using semiconductor detectors Technical report, 31 Dec. 1964 - 21 Mar. 1966	1966
19660080467	Nuclear blast simulation. Part I - Detonable gas explosion Final report, 15 Mar. - 31 Dec. 1965	1966
19660080468	Fundamental photosurface studies Interim technical report, 1 Aug. 1965 - 30 Apr. 1966	1966
19660080469	Flutter vibrations of cylinders in a uniform flow	1966
19660080470	Imaging p-n junction photocathode Interim technical report, May - Jul. 1966	1966
19660080471	Lithium-nickel fluoride secondary battery investigation Quarterly technical progress report, Apr. 27 - Jul. 27, 1966	1966
19660080472	Electron sensitive recording media for real-time viewing Interim engineering progress report no. 4, 1 Jan. - 30 Jun. 1966	1966
19660080473	The diffusion lengths of electrons and holes in GaAs, 1 March - 31 May 1966	1966
19660080474	Design description of aircraft-missile interference-effects vehicle	1966
19660080475	Dynamic stability tests on the SNAP-27 FUEL cask configuration at Mach numbers 6 and 10	1966
19660080477	Energy levels and transition matrix elements of Fe3 plus in zinc tungstate /ZnWO4/ Technical report no. 90	1966
19660080478	Electron-beam welding of beryllium Summary technical report, May 1, 1965 - Mar. 31, 1966	1966
19660080479	The effect of nuclear radiation on ceramic- coated-particle reactor-fuel materials	1966
19660080480	Design, test and installation of an infrared radiometric evaluation facility, type III FINAL technical report, Nov. 1965 - Jul. 1966	1966
19660080481	Display oriented computer usage system Interim report, 28 Oct. 1964 - 28 Mar. 1965	1966
19660080482	Development of new and improved forging lubricants Interim engineering progress report, 1 May - 31 Jul. 1966	1966
19660080483	Logic-networks for flight control applications Final report, 15 Oct. 1964 - 15 Nov. 1965	1966
19660080484	An experimental radar facility to study backscattering from the wakes of hypersonic-velocity projectiles	1966
19660080485	Advanced thermoelectric air conditioning systems, phase II Final report	1966
19660080486	Evaluation of the electrically charged nozzle concept Final report, Mar. - Nov. 1965	1966
19660080487	Semiconductor-metal-semiconductor triode Interim engineering report, Apr. 1 - Jun. 30, 1966	1966
19660080489	Attitude determination utilizing redundant sensors	1966
19660080490	Definition study of the effects of booms from the SST on structures, people, and animals	1966
19660080491	Preliminary AC-7 Atlas-Centaur flight evaluation /launched 9-20-66/	1966
19660080492	Manned spacecraft video monitor Final report	1966
19660080493	Development and fabrication of electrostatic ballistic pendulum and solid state circuitry Final report	1966
19660080495	Low temperature monopropellant hydrazine jet gun thrust chamber assembly Final report	1966
19660080496	Ground-based radio astronomy observations at Rossman operations plan 2-66	1966
19660080497	Multidisciplinary research program in space science and engineering Semiannual report no. 2, 1 Mar. - 31 Aug. 1966	1966
19660080499	Image dissector camera system Second quarterly report, Sep. 2 - Dec. 2, 1965	1966
19660080502	Determination of residual stresses on pipes from aluminum alloys. Part I - Fundamentals	1966
19660080503	Determination of residual stresses on pipes from aluminum alloys. Part II - Experiments and results	1966
19660080504	Fabrication and checkout of a high altitude wind measuring system Final report	1966
19660080505	Study of impact on S-II stage of improved J-2 engine Monthly status report no. 5	1966
19660080506	The generation of acoustic oscillations in liquid rocket combustion chambers Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660080507	The mechanics of fracture in viscoelastic media Semiannual progress report, 1 May - 31 Oct. 1966	1966
19660080508	Investigation of the interaction of an electric arc in transverse electric, magnetic and flow fields Semiannual progress report, Mar. 1 - Sep. 1, 1966	1966
19660080509	Biological handbook for engineers First quarterly progress report, 30 Jun. - 30 Sep. 1966	1966
19660080510	Stress corrosion cracking of high strength aluminum alloys	1966
19660080511	Research and development on fuel cell systems Seventh quarterly progress report, period ending Mar. 31, 1966	1966
19660080512	Research on bearing lubricants for use in a high vacuum Progress report no. 59, 1 May - 31 Jul. 1966	1966
19660080515	Fabrication of particle counters for clean rooms Final report	1966
19660080517	Scientific and engineering studies related to manned space science problems Second annual summary report, Jul. 1965 - Oct. 1966	1966
19660080518	Investigation of liquid propellants in high pressure and high temperature environments Semiannual progress report no. 3, May 1 - Oct. 31, 1966	1966
19660080519	A multispectral photographic experiments based on statistical analysis of spectrometric data Final report	1966
19660080520	Constitutive equations and non-Newtonian fluid mechanics Semiannual status report, Mar. 1 - Aug. 31, 1966	1966
19660080521	Investigation of the effects of mechanical stress on the permeability of engineering materials to certain cryogenic and storable propellants used in launch vehicles Final summary report, 30 Jun. 1965 - 30 Jun. 1966	1966
19660080522	Interdisciplinary studies of the effects of high energy protons on biologic systems, including participation in the nationwide cooperative study on shielding materials as related to Apollo mission Semiannual status report, Jan. 1 - Jun. 30, 1966	1966
19660080523	Flox/methane pump-fed engine study Monthly progress report no. 2, 2 May - 5 Jun. 1966	1966
19660081721	Space research projects at the university of wisconsin semiannual report	1966
19660081765	Kinetics of chemical reactions at high temperatures by gas dynamic techniques terminal status report, 1 may 1965 - 31 jan. 1966	1966
19660081820	The problem of man's gravitoinertial force environment in space flight progress report no. 11, 1 oct. - 31 dec. 1965	1966
19660081836	Laboratory studies on the excitation and collisignal deactivation of metastable atoms and molecules in the aurora and day airglow progress report	1966
19660081885	A theoretical investigation of further consequences of the solar wind semiannual status report no. 11, 1 jul. - 31 dec. 1965	1966
19660081976	A theoretical and experimental study of the ionosphere using radio signals from earth satellites progress report no. 12, jul. 1 - dec. 31, 1965	1966
19660081980	Research in Molecular Physics Semiannual Status Report, Jun. 1 - Nov. 30, 1965	1966
19660081981	Studies of the penetration of high-energy radiation through matter quarterly status report, oct. 1 - dec. 31, 1965	1966
19660081984	An institutional research program in space- related areas of science and engineering semiannual progress report, jun. 1 - nov. 30, 1965	1966
19660082172	Design, development, fabrication and installation of 105-inch lunar and planetary telescope at mcdonald observatory quarterly status report no. 5, 23 sep. - 22 dec. 1965	1966
19660082173	Research in the development of nonparametric statistical theory and methodology applicable to problems in electronic components screening semiannual status report no. 3, 1 jul. - 31 dec. 1965	1966
19660082174	Theoretical and Experimental Studies in Astrophysics Semiannual Status Report No. 6, 1 Aug. 1965 - 31 Jan. 1966	1966
19660082180	Effect of Chronic Restraint on Absorption from the Gastrointestinal Tract Semiannual Status Report	1966
19660082181	Study of tropical cloud structure and patterning for meteorological and weather satellite data interpretation final report	1966
19660082728	Laboratory and theoretical investigation of chemical release experiment quarterly progress report no. 1, 8 oct. 1965 - 8 jan. 1966	1966
19660082729	Theoretical and Experimental Investigations of Spacecraft Antenna Problems in the Varied Operational Environments of Far-Out-Space and Atmospheric Re-Entry Semiannual Report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660082814	Chemistry of Planetary Atmospheres and Comets Technical Status Report No. 7, 1 Aug. 1965 - 28 Feb. 1966	1966
19660082891	Experimental and theoretical studies in planetary aeronomy quarterly progress report, 1 oct. - 31 dec. 1965	1966
19660082896	Multidisciplinary Research Program in Space Sciences and Engineering, with Particular Emphasis on Bio-Engineering Progress Report No. 2, 1 Aug. 1965 - 31 Jan. 1966	1966
19660082900	Monthly progress report, period ending 1 january 1966	1966
19660082908	Study of Crystallization Crosslinking and Dimensional Changes During the Crystal-Liquid Phase Transition of Oriented Polymeric Systems Semiannual Status Report	1966
19660082932	Theoretical and Experimental Studies in Ultra- Violet Solar Physics Including Construction of Laboratory Prototype Flight Experiments Semiannual Status Report No. 6, 1 Aug. 1965 - 31 Jan. 1966	1966
19660082948	Study in cometary astrophysics quarterly report, 19 nov. 1965 - 19 feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660082949	Life Cycle Tests Monthly Progress Report, Period Ending 31 Jan. 1966	1966
19660083056	Hypothermic Suspended Animation Semiannual Status Report, Jul. 1965 - Jan. 1966	1966
19660083057	Multicolor Photoelectric Photometry of the Moon, Venus, Mars, and Other Planets Semiannual Status Report No. 11, 1 Jul. - 31 Dec. 1965	1966
19660083058	The Alignment of 6300A Airglow Isophotes in the Tropics	1966
19660083059	A Fundamental and Feasibility Study of Ring-Vortex Gaseous-Core Cavity Reactor Fourth Semiannual Report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660083060	Multidisciplinary Space-related Research Semiannual Report, 1 Sep. 1965 - 1 Mar. 1966	1966
19660083061	Microwave Spectroscopic Identification of Atmospheric Contaminants Status Report, Sep. 1965 - Mar. 1966	1966
19660083063	Nonlinear Aspects of Combustion Instability in Liquid Propellant Rocket Motors Quarterly Status Report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660083064	A study of magnetic and acoustic excitations at microwave frequencies in solids quarterly progress report no. 3, 1 nov. 1965 - 31 jan. 1966	1966
19660083121	Investigation of surface ionization on metallic surfaces quarterly progress report, 16 dec. 1965 - 15 mar. 1966	1966
19660083123	Basic Research in Semiconductor Detector-Dosimeter Characteristics, as Applied to the Problems of the Whole Body Dosimetry Status Report	1966
19660083124	Planetary meteorology quarterly progress report no. 3, 1 oct. - 31 dec. 1965	1966
19660083175	A Study of Polarization of the Decameter-wave Radiation from Jupiter, with Particular Emphasis on the Correlation Between Jupiter and Solar Activity Status Report No. 8, 1 Aug. 1965 - 31 Jan. 1966	1966
19660083253	Material specification two part structural epoxy adhesive elevated temperature, aromatic amine cured /diglycidyl ether of bisphenol a type/	1966
19660083256	Studies of the Constitution of Planetary Interiors, and Mathematical Techniques for Planetary Modeling Semiannual Report, Oct. 1965 - Mar. 1966	1966
19660083289	Flare Physics and Relationships of Solar Corpuscular Emission to Optical and Radio Features of the Sun Status Report, No. 8, Jul. 1 - Dec. 31, 1965	1966
19660083290	Experimental and Theoretical Studies of Ultraviolet Phenomena of Importance in Space Astronomy Semiannual Progress Report No. 6, 1 Oct. 1965 - 31 Mar. 1966	1966
19660083291	Measurement of Oscillator Strengths of Lines in the Spectra of Atoms and Ions Semiannual Report, Period Ending 28 Feb. 1966	1966
19660083292	Investigation of Flow Fields About Delta and Double-delta Wings at Low Speeds Semiannual Progress Report	1966
19660083293	Vacuum Ultraviolet Spectra of Atoms and Light Molecules Quarterly Status Report, Dec. 1, 1965 - Feb. 28, 1966	1966
19660083311	Reduction of Microbial Dissemination Germicidal Activity of Ethylene Oxide Reduction of Microbial Contamination on Surfaces Quarterly Progress Report No. 6	1966
19660083324	Plasma Measurements at 100 Kilobars of Pressure	1966
19660083330	Ecology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components Third Quarterly Progress Report, 1 Oct. - 31 Dec. 1965	1966
19660083335	Construction of a 60-inch Lunar and Planetary Telescope Progress Report, Apr. 1 - Dec. 31, 1965	1966
19660083353	Design study for zodiacal-light observations from an orbiting solar observatory semiannual progress report no. 3	1966
19660083362	Development of a prototype plastic space erectable satellite progress report, jan. 1966	1966
19660083531	Observations of radio emission from planet mars in the 8 mm wavelength nablyudeniya radioizlucheniya marsa na volne 8 mm	1966
19660083561	Vacuum test of instrument size gears semiannual report, 22 jun. 1965 - 1 jan. 1966	1966
19660083562	Investigation of Atmospheric Properties Based upon Evaluation of Infrared Radiation Data Obtained from Tiros Satellites Status Report No. 7, Oct. 1, 1965 - Mar. 31, 1966	1966
19660083564	Design and Fabrication of the Electronics and Bench Test Equipment for a Reaction Wheel Horizon Scanner Attitude Control System Final Report	1966
19660083630	The effects of space radiation on silicon integrated microcircuits special report, 29 jun. - 31 dec. 1965	1966
19660083904	Space Research Coordinating Center Third Semiannual Report, 1 May - 31 October 1965	1966
19660083905	A Study of Pion and Muon Beam Transport Systems for a 600 Mev Synchrocyclotron Semiannual Status Report, 6 Aug. 1965 - 6 Feb. 1966	1966
19660083967	Surface Parameters of Solids Annual Report, 1 Apr. 1965 - 31 Mar. 1966	1966
19660084010	Studies and Analyses of Space Science Problems Related to the Planning and Directing of NASA Lunar and Planetary Programs Letter Report, 1-31 Mar. 1966	1966
19660084011	Design, Development, Fabrication and Installation of 105-inch Lunar and Planetary Telescope at McDonald Observatory Quarterly Status Report No. 6, 23 Dec. 1965 - 22 Mar. 1966	1966
19660084012	Apparatus for Study of Ion Molecule Reactions in Crossed Beams Progress Report, Oct. 1965 - Feb. 1966	1966
19660084014	Fundamental research in celestial mechanics status report, 1 apr. - 1 oct. 1965	1966
19660084015	Theoretical Research on the Periodic Motion and Stability of a Small Mass Under the Gravitational Attraction of Two Heavy Bodies Status Report No. 7, 1 Sep. 1965 - 28 Feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660084016	Design criteria for zero-leakage connectors for launch vehicles quarterly progress report no. 12, 1 oct. - 31 dec. 1965	1966
19660084163	Multidisciplinary Space Related Sciences Progress Report, 13 Jul. 1965 - 31 Jan. 1966 and Technology Semiannual Progress Report, 13 Jul. 1965 - 31 Jan. 1966	1966
19660084172	Non-Newtonian Fluid Mechanics (Molecular Mechanisms) Semiannual Report, 1 Sep. 1965 - 28 Feb. 1966	1966
19660084229	Study of Night Airglow in Hawaii Semiannual Status Report No. 9, 1 Oct. 1965 - 31 Mar. 1966	1966
19660084230	Periodic and almost periodic trajectories in cislunar space summary report, apr. 1965 - apr. 1966	1966
19660084273	Experimental and theoretical studies in planetary aeronomy fourth quarterly progress report, 1 jan. - 31 mar. 1966	1966
19660084293	Aerospace Systems and Mission Analysis Research Status Report, 1 Feb. - 30 Sep. 1965	1966
19660084305	The Use of Location and Location-Intensity Patterns in Electro-Cutaneous Communication Interim Progress Report, Nov. 1, 1965 - Mar. 15, 1966	1966
19660084306	Aerospace Systems and Mission Analysis Research Quarterly Status Report, 1 Oct. - 31 Dec. 1965	1966
19660084323	Development for NASA of Computer Techniques for Performing Visibility Calculations Progress Report, Mar. 1966	1966
19660084355	Low-Power, Low-Speed Data Storage and Processing Techniques Progress Report, Nineteenth Quarter, 1 Dec. 1965 - 1 Mar. 1966	1966
19660084356	Nitric Oxide Photolysis Progress Report, 1 Sep. 1965 - 28 Feb. 1966	1966
19660084360	The Development for NASA of Computer Techniques for Performing Visibility Calculations	1966
19660084386	Study of Heat Transfer Through Convective Layers Status Report, 1 Jul. - 31 Dec. 1965	1966
19660084387	Status Reports, 1 September 1965 - 28 February 1966	1966
19660084530	Minutes of the tycho study group meeting	1966
19660084538	Studies of the penetration of high-energy radiation through matter quarterly status report, jan. 1 - mar. 31, 1966	1966
19660084539	Theoretical and experimental investigations of the mechanical strength of solids semiannual progress report, oct. 1, 1965 - apr. 30, 1966	1966
19660084595	Field Ion Microscopy Status Report, Period Ending 31 Jan. 1966	1966
19660084597	Experimental and Theoretical Investigation of the Rheological Properties of Materials Progress Report No. 3, 1 Oct. 1965 - 31 Mar. 1966	1966
19660084599	Program of Research in Space-Related Sciences Semiannual Report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660084629	Charge Exchange Cross Sections for Argon Ions in H2 and D2 Below 1 KeV	1966
19660084648	Theoretical and Experimental Investigation of Plasma Waves, Space Vehicle Plasma Sheaths, and Ionospheric Electron Temperatures Semiannual Report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660084661	An Experiment to Measure the Gamma Ray Flux of Various Celestial Point Sources from High Altitude Balloons Semiannual Progress Report, 22 Oct. 1965 - 22 Apr. 1966	1966
19660084666	Performance Measurement of Intellectual Functioning Semiannual Status Report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660084700	RL10 Liquid Rocket Engine Installation Handbook	1966
19660084704	Ionospheric Electron Density Studies and Computations Status Report, Dec. 1, 1965 - Mar. 31, 1966	1966
19660084719	Stabilization for Differential Systems Final Progress Report	1966
19660084721	Venus Radar Systems Investigations Letter Status Report, Nov. 1, 1965 - Apr. 30, 1966	1966
19660084722	Studies on the Radioactive Dating of the Lunar Surface Status Report No. 7, Jul. 1, 1965 - Jan. 1, 1966	1966
19660084727	Laboratory and theoretical investigation of chemical release experiment quarterly progress report no. 2, 9 jan. - 8 apr. 1966	1966
19660084728	Determination of Newton's Gravitational Constant, G, with Improved Precision Status Report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660084729	Design of Experimental Liquid Oxygen Converter Quarterly Report, 1 Jan. - 31 Mar. 1966	1966
19660084737	Orbiting Radio Astronomical Observatory, 18 April - 17 May 1966	1966
19660084811	A concept of element-face rotation-translation transformation of polyhedra	1966
19660084812	Sixth Semiannual Report of Activities, 1 October 1965 - 31 March 1966	1966
19660084822	Aes "molniya-1" transmits the earth's image	1966
19660084881	Investigation of Control in Man-machine Systems with Emphasis on Problems of Remote Manipulations Status Report, 1 Aug. 1965 - 31 Jan. 1966	1966
19660084882	Study of High Energy Nuclear Reactions and Space Radiation Shielding Semiannual Report, 1 Sep. 1965 - 31 Mar. 1966	1966
19660084883	Glass Transition Phenomena Semiannual Status Report	1966
19660084907	A Study of Earth Radar Returns from Alouette Satellite Semiannual Report	1966
19660085212	Investigation of Meteorological Measurement Techniques up to 100 Kilometers First Semiannual Report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660085213	Bubble Growth Parameters in Saturated and Subcooled Nucleate Boiling Semiannual Report	1966
19660085214	Jet Noise and Turbulence Semiannual Progress Report, 1 Nov. 1965 - 1 May 1966	1966
19660085215	Possibility of Self-Focusing Due to Intensity Dependent Anomalous Dispersion	1966
19660085217	Wind Tunnel Effects in V/STOL Semiannual Status Report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660085218	Develop Balloon Systems and Conduct High-altitude Balloon Flights Quarterly Status Report No. 12, 1 Mar. - 31 May 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660085362	Investigation of Radar Echoes from the Moon and Planets Using Methods and Data from Earth Radar-Return Studies Semiannual Status Report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660085496	Nonlinear Response of Elastic Shells Status Report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660085497	Engineering Research - A Review of the past Academic Year at CRES, Volume II	1966
19660085498	Program in Aeronomy Status Report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660085571	Theory of Differential Equations and Their Relationship to Dynamical Systems Theory Progress Report No. 3, 1 Oct. 1965 - 31 Mar. 1966	1966
19660085572	Efficacy of Alkali - Superoxide Beds for Bacteria Removal from Air Quarterly Status Report, 1 Mar. - 31 May 1966	1966
19660085631	Extended loading of cryogenic tanks quarterly progress report no. 4, 1 mar. - 31 may 1966	1966
19660085635	Advanced systems checkout design third quarterly progress report, 30 dec. 1965 - 29 mar. 1966	1966
19660085638	Infrared Spectra of Molecules and Materials of Astrophysical Interest Semiannual Progress Report No. 2, 1 Dec. 1965 - 30 May 1966	1966
19660085648	Hamiltonian Perturbation Theory for Optimal Trajectory Analysis	1966
19660085748	Anchored interplanetary monitoring platform /aimp/ spacecraft handling plan	1966
19660085795	Detection Techniques for Tenuous Planetary Atmospheres Sixth Six-month Report, 1 Jan.- 30 Jun. 1966	1966
19660085797	Fourth-Stage Scout Rocket Motor Program	1966
19660085799	Fourth-Stage Scout Rocket Motor Program	1966
19660085848	The flow induction process of compressors designed to accept supersonic inflow velocity	1966
19660085864	The Determination of Empirical and Analytical Spacecraft Parametric Curves - Theory and Methods Progress Report No. 2	1966
19660085865	Pegasus thermal control coatings experiment	1966
19660085868	Establishment of guidelines for random and sinusoidal vibration correlation quarterly report no. 19	1966
19660085912	Study of Lunar Reflective Components of Solar Emission Semiannual Status Report, 1 Aug. 1965 - 1 Feb. 1966	1966
19660085913	Study of Electromagnetic Scattering from Rough Surfaces, with Emphasis on the Lunar Surface Semiannual Summary Report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660085914	Investigation of a Separating Capsule Electron Density Experiment Semiannual Status Report, Sep. 1965 - Feb. 1966	1966
19660085915	Studies of Planetary Physics Final Report	1966
19660085941	Ionospheric investigations with in situ probes semiannual status report, nov. 1, 1965 - apr. 30, 1966	1966
19660085942	Studies of the Penetration of High-energy Radiation Through Matter Quarterly Status Report, Apr. 1 - Jun. 30, 1966	1966
19660085943	Computer Techniques for Performing Visibility Calculations	1966
19660085944	VHF Absorption, Cosmic Ray and Geomagnetic Field Correlation, and Satellite Observations Fourth Semiannual Status Report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660085945	Magnetic Recording Station Administrative Report No. 1, 1 Jan. - 30 Jun. 1966	1966
19660085948	An Investigation of Nonlinear Interaction Phenomena in the Ionosphere Semiannual Progress Report No. 4, Dec. 1, 1965 - Jun. 1, 1966	1966
19660086072	On the Development for Nasa of Computer Techniques for Performing Visibility Calculations Progress Report, Period Ending May 1966	1966
19660086073	High Resolution Mass Spectrometry in Fragmentation Studies of Sesquiterpenes and Related Compounds - the Mechanism of Fragmentation Under Electron Impact of Widdrol	1966
19660086074	On the Development for Nasa of Computer Techniques for Performing Visibility Calculations Progress Report, Period Ending Apr. 1966	1966
19660086076	Apollo Mission Reliability Assessment Study Quarterly Progress Report, 1 Apr. - 30 Jun. 1966	1966
19660086077	Extreme Ultraviolet Experiments in Conjunction with Gsf "geo-probes" Quarterly Status Report No. 13, 1 Mar. - 31 May 1966	1966
19660086080	Municipal Boundaries and Zoning - Controlling Regional Land Development	1966
19660086112	Highly Ionized Spectra of Nitrogen and Oxygen Final Report, 1 Dec. 1963 - 31 May 1966	1966
19660086113	A Theoretical and Experimental Study of the Ionosphere Using Radio Signals from Earth Satellites Progress Report No. 13, 1 Jan. - 30 Jun. 1966	1966
19660086114	Radio Propagation Study Semiannual Report, 1 Dec. 1965 - 31 May 1966	1966
19660086202	Cutting Characteristics of Chain Saw Teeth	1966
19660086203	The Effects of Isolation, Sensory Deprivation, and Sensory Rearrangement on Visual, Auditory, and Somesthetic Sensation, Perception, and Spatial Orientation Progress Report, Sep. 1, 1965 - Feb. 28, 1966	1966
19660086204	The Problem of Man's Gravitoinertial Force Environment in Space Flight Progress Report No. 13, 1 Apr. - 30 Jun. 1966	1966
19660086205	Nasa Multidisciplinary Research Grant First Semiannual Report, Jan. 1 - Jun. 30, 1966	1966
19660086269	Interdisciplinary Studies in Space Science Technology Semiannual Summary Report, Spring 1966	1966
19660086274	Summary of Research Semiannual Status Report, 1 Nov. 1965 - 30 Apr. 1966	1966
19660086277	Dynamic Characteristics of a Variable-Mass Elastic Body Under High Accelerations Semiannual Technical Progress Report, 1 Dec. 1965 - 31 May 1966	1966
19660086278	Dynamics of Shells of Arbitrary Geometry Quarterly Progress Report No. 9, 1 Apr. - 30 Jun. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660086279	Adult Space Literacy Project Quarterly Status Report, Period Ending 31 May 1966	1966
19660086280	Spatial Nucleaton and Crystal Growth Progress Report No. 4, 1 Dec. 1965 - 31 May 1966	1966
19660086335	Design and Construction of Prototype Instruments for a Sounding Rocket Investigation of Electrostatic Waves in the Magnetosphere Quarterly Status Report, 11 Feb. - 11 May 1966	1966
19660086336	Stresses and Deformations in Thin Shells of Revolution Eighth Progress Report	1966
19660086337	Optimum Lifting Bodies in Newtonian Flow Final Report, 1 Jul. 1965 - 30 Jun. 1966	1966
19660086338	Abstracting 1964 Literature Quarterly Report, 1 Apr. - 30 Jun. 1966	1966
19660086339	Conduct Research to Obtain Information About the Electron Content in the Ionosphere and Its Variation Quarterly Status Report No. 14, 1 Apr. - 30 Jun. 1966	1966
19660086356	Quantum Theory Studies of the Energies of Excited State Atoms and Molecules, Particularly as They Occur in the Upper and Stellar Atmospheres, and in Materials Undergoing Combustion Fifth Semiannual Status Report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660086357	Development of On-line Man-machine System Performance Measurement and Display Techniques Letter Progress Report, 1 Mar. - 31 May 1966	1966
19660086359	Development of On-line Man-machine System Performance Measurement and Display Techniques Letter Progress Report, 1 Dec. 1965 - 28 Feb. 1966	1966
19660086481	The Space Vehicle Sterilization Problem Quarterly Status Report, 1 May - 1 Aug. 1966	1966
19660086482	Electromagnetic Investigations of Planetary and Solar Atmospheres and the Lunar Surface Program Semiannual Report, Nov. 1, 1965 - Apr. 30, 1966	1966
19660086513	The Design and Construction of Visco Seal Test Facility	1966
19660086514	Experimental and theoretical studies in planetary aeronomy quarterly process report no. 5, 1 apr. - 30 jun. 1966	1966
19660086525	Calibration of a Multi-component Micro-force Balance System for Wind Tunnel Models Semiannual Status Report	1966
19660086568	The ultraviolet spectrum of the earth according to measurements from the aes "cosmos-65" ul'traioletovyy spektr zemli po izmereniyam so sputnika "kosmos-65"	1966
19660086650	A Study of Differential Equations Related to the Response of Shells of Revolution to Blast Loading Semiannual Status Report, 1 Feb. 1966 - 31 Jul. 1966	1966
19660086767	Research Studies of Statistical Energy Methods in Sound and Structural Vibration Analysis Progress Report No. 1	1966
19660086768	Information Processing of Data Describing Arbitrary Solids Semiannual Status Report, Dec. 1, 1965 - May 31, 1966	1966
19660086808	Research on gravitational mass sensors quarterly progress report no. 5, 15 oct. 1965 - 14 jan. 1966	1966
19660086848	Fabrication plan for fabricating a simulated titanium alloy y-ring segment for the s-1c fuel tank	1966
19660086891	Modification of 82-inch Coude Spectrograph at Mc Donald Observatory Quarterly Status Report No. 8, 14 Apr. - 13 Apr. 1966	1966
19660086892	An Investigation of Soil Modeling Problems Related to Impact Studies Semiannual Status Report, Jan. 22 - Jul. 22, 1966	1966
19660086893	Electrophysiological Correlates of Vigilance and Learning Summary Progress Report, Jul. 1, 1965 - Jul. 1, 1966	1966
19660086894	Investigations of Dust in the Upper Atmosphere by Optical Radar Semiannual Report, Jan. 1 - Jun. 30, 1966	1966
19660086895	An airborne evaluating equipment study monthly progress report, 9 jun. - 8 jul. 1966	1966
19660086896	Engineering model of antenna capacitance probe final report	1966
19660086897	Tiros x attitude summary sixth technical summary report, jul. 2 - sep. 1, 1965	1966
19660086930	Investigation of noise generating mechanisms of deflected and undeflected supersonic rocket exhausts progress report, mar. 1966	1966
19660086931	Tiros ix attitude summary /orbits o-2677/ fifth technical summary report, jan. 22 - aug. 31, 1965	1966
19660086990	Telemetry Transducers Progress Report, May 1 - Jul. 31, 1966	1966
19660086991	Titanium s-ic skin section twelfth monthly progress report, jun. 1-30, 1966	1966
19660086992	Conduct Airglow Observations During Nasa Mobile Launch Expedition Number One Sixth Quarterly Status Report, 1 Apr. - 30 Jun. 1966	1966
19660086993	A Study of Techniques for Determining the Pressure of Anaerobic Bacteria Progress Report, Mar. 1 - Aug. 1, 1966	1966
19660086998	Propagation of High Energy Solar Protons in the Interplanetary Magnetic Field o Rasprostraneni Vysokoenergeticheskikh Solnechnykh Protonov v Mezoplanentnom Magntnom Pole	1966
19660087006	Energy characteristics of ionospheric disturbances and nature of the states of ionospheric and geomagnetic disturbance energeticheskaya kharakteristika ionosferykh vozmushcheniy i priroda geomagnitnoy i ionosfernoy vozmushchennosti	1966
19660087022	To the Theory of Shifting Ionosphere Disturbances /magnetohydrodynamic Absorption/ k Teorii Peremeshchayushchikhsya Ionosferykh Vozmushcheniy /magnitogidrodinamicheskoye Pogloshcheniye/	1966
19660087023	Flare Stars as a Possible Source of Cosmic X-ray Emission Vspykhiyayushchive Zvezdy Kak Vozmozhnyy Istochnik Kosmicheskogo Rentgenovskogo Izlucheniya	1966
19660087026	Metriation of Normal Moore Spaces Status Report, Jun. 1 - Aug. 31, 1966	1966
19660087027	Lunar and Planetary Programs Analysis Group Monthly Report, Jul. 1-31, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660087243	Study of Comet Tails by Photoelectric Spectrophotometry Progress Report, 27 Dec. 1965 - 27 Jun. 1966	1966
19660087245	Operation of the Power Information Center Annual Report No. 6, 1 Aug. 1965 - 31 Jul. 1966	1966
19660087290	Laboratory and theoretical investigation of chemical release experiment quarterly progress report no. 3, 9 apr. - 8 jul. 1966	1966
19660087291	Multidisciplinary Research Program in Space Sciences and Engineering, with Particular Emphasis on Bio-engineering Progress Report No. 3, 1 Feb. - 31 Jul. 1966	1966
19660087295	Theoretical and Experimental Research in Geophysics and Astrophysics Semiannual Report, 1 Jan. - 30 Jun. 1966	1966
19660087299	New and Strange Systems	1966
19660087300	Semi-annual report, 1 november 1965 - 30 april 1966	1966
19660087301	Investigation of Auroral Zone Ionospheric Forward Scatter Progress Report No. 4, 1 Jan. - 31 Mar. 1966	1966
19660087305	Automodel flows of relativistic gas in case of point symmetry in the general theory of relativity avtomodel'noye dvizheniya relativivistskogo gaza v obshchey teorii otносит'nosti v sluchaye tochechnoy simmetrii	1966
19660087329	Ultrarelativistic gas scattering in the gravitational field ul'trarelyativistskiy razlet gaza v pole gravitatsii	1966
19660087336	Patterson Functions and Vector Sets	1966
19660087343	Orbital Operations Study Fourth Semiannual Status Report, 15 Nov. 1965 - 14 May 1966	1966
19660087344	Study of Ground-based and Space Vehicle Infrared Instrumentation for Thermal Photography of the Moon, Including Experi- Mental Programs at Selected Observatories Semiannual Status Report No. 13, 1 Jan. - 30 Jun. 1966	1966
19660087350	Sub-threshold Study of the Azimuthal Modes of the Kadomtsev Plasma in Stability	1966
19660087351	Study of Crystallization, Crosslinking and Dimensional Changes During the Crystal-liquid Phase Transition of Oriented Polymeric Systems Semiannual Status Report	1966
19660087355	Electronic Energy Band Structure of Solids Quarterly Status Report, 15 Mar. - 15 Jun. 1966	1966
19660087423	Studies of the Effect of Space-related Environmental Conditions on the Absorption and Metabolism of Materials	1966
19660087424	Search for High Energy Photons from Discrete Sources of Cosmic Radio Emission o Poiske Fotonov Vysokoy Energii Ot Diskretnykh Istochnikov Kosmicheskogo Radioizlucheniya	1966
19660087425	Analog/hybrid Computer Study Semiannual Progress Report, 15 Mar. - 15 Sep. 1966	1966
19660087625	The isotopic composition and the age of stone meteorites. ii - the enstatite chondrites final report	1966
19660087663	Conduct studies of auditory information processing emphasizing the application of signal detectability theory to the auditory sensory responses progress report, 1 jun. - 31 aug. 1966	1966
19660087664	Nonstationary Adiabatic Centrosymmetrical Motions of Matter in the General Theory of Relativity Nestatsionarnyye Adiabatcheskiye Tsentral'no-simmetrichnyye Dvizheniya Materii v Obshchey Teorii Otnositel'nosti	1966
19660087703	Condition required for the stability of orbital motion neobkhodimoye usloviye ustoychivosti orbital nogo dvizheniya	1966
19660087704	Dynamic dissipation of the magnetic field and acceleration of particles dinamicheskaya dissipatsiya magnitnogo polya i uskoreniye chastits	1966
19660087705	Depolarization of cosmic radio emission due to dispersion of faraday rotation of radiowave polarization planes depolyarizatsiya kosmicheskogo radioizlucheniya iz-za dispersii faradyevskogo vrashcheniya ploskostey polarizatsii radiovoln	1966
19660087706	Inviscid and Viscid Interaction of Non-isoenergetic Compressible Streams in Ejectors and Thrust Augmentation Systems Status Report, Jul. 1965 - Jul. 1966	1966
19660087709	Heat sterilization of pyrotechnics and on-board propulsion systems	1966
19660087711	Rocket and satellite observations of energetic particles during p.c.a. events	1966
19660087712	Chemistry of Planetary Atmospheres and Comets Technical Status Report No. 8, 1 Mar. - 31 Aug. 1966	1966
19660087713	Some questions of geoeffectiveness of solar corpuscular streams nekotoryye voprosy geoeffektivnosti solnechnykh korpuskulyarnykh potokov	1966
19660087714	Electron and Ion Temperature in the Ionosphere Elektronnaya i Ionnaya Temperatury v Ionosfere	1966
19660087718	Investigation of Non-linear Problems and Mathematical Methods in Aeroelasticity Semiannual Progress Report, 1 Apr. - 1 Oct. 1966	1966
19660087720	On the Relationship Between the Es-layer and the Variations of the Magnetic Field o Svyazi Es s Variatsiyami Magnitnogo Polya	1966
19660087721	Precipitation of a Cloud of Interacting Particles Followed by "dusting" Source Formation on Account of Atmospheric Diffusion Osazhdeniye Oblaka Vzzaimodeystvuyushchikh Chastits i Obrazovaniye Prietom "pylyash-Chego" Istochnika v Rezul'tate	1966
19660087722	On the Possibility of Measuring the Shape and Orbit Parameters of the Moon by Optical Location o Vozmozhnosti Izmereniya Parametrov Figury i Orbity Luny Metodm Opticheskoy Lokatsii	1966
19660087723	Radiation belts	1966
19660087724	Simulation of the tunguska meteorite explosion modelirovaniye uzryva tungusskogo meteorita	1966
19660087725	Flight of the Automatic Interplanetary Stations "venus-2" and Venus-3" o Polete Avtomaticheskikh Mezplanetarykh Stantsiy "venera-2" i "venera-3"	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660087726	On the Possibility of Utilizing Geomagnetic Storms for the Study of the Earth's Electric Characteristics o Vozmozhnostyakh Issledo- Vaniya Geomagnitnykh Bur' Dlya Izucheniya Elektricheskikh Kharakteristik Zemli	1966
19660087727	On the Generation of Continuous Emission in Cold Stars o Generatsii Nepreryvnoy Emissii u Kholodnykh Zvezd	1966
19660087728	On the photochemical equilibrium and the ion composition of the upper atmosphere layers o fotokhimicheskome ravnovesii i ionnom sostave verkhnikh sloyev atmosfery	1966
19660087729	Solar Wind Flow past Comets Obtekaniye Komety Solnechnym Vetrom	1966
19660087730	Absorption of Centimeter and Decimeter Waves by the Molecular Oxygen in the Atmosphere Pogloshcheniye Radiovoln Santimetrovogo i Detsimetrovogo Diapazonov Molekulyarnym Kislorodom v Atmosfere	1966
19660087731	Nuclear Interactions at Computations of Thin Shieldings from Protons Yadernyye Vzaimodeystviya Pri Raschete Tonkikh Zashchit Ot Protonov	1966
19660087732	Study of the Ionospheric F2-layer's Evolution at Lepoldville-binza Etude De L'evolution De La Couche Ionospherique f a Leopoldville-binza	1966
19660087733	Sky radiobackground and radioluminosity function radiofon neba i funktsiya radiosvetimosti	1966
19660087735	Some Questions of Penetration at Collisions with Meteoric Particles Nekotoryye Voprosy Probivaniya Pri Stolknoventii s Meteornymi Chastitsami	1966
19660087736	On the nature of venus' cloud layer o prirode oblachnogo sloya venery	1966
19660087738	Stability of Nonconservative Systems Semiannual Progress Report No. 5, Apr. 1 - Sep. 30, 1966	1966
19660087739	Personal Reports on the Third Congress of the International Federation of Automatic Control Held in London, June 20-25, 1966	1966
19660087740	Idts signal decommutator technical progress report	1966
19660087742	On the nature of radionoise emission from the surface of venus o prirode radioshumovogo iziucheniya poverkhnosti venery	1966
19660087743	Study of the Real Shape of Comet's Humason 1961e Tail Etude De La Forme Reelle De La Queue De La Comete Humason 1961e	1966
19660087744	Some problems relative to calculation and measurement of microwave and submicrowave absorption in atmospheric water vapors nekotoryye voprosy rascheta i izmereniy pog- loshcheniya millimetrovykh i submillimetrovykh radiovoln v atosferykh parakh vody	1966
19660087745	Pitch-distribution of protons originating from aurorae o pitch-raspredelenii protonov polyarnykh siyaniy	1966
19660087845	A Study of Polarization of the Decameter-wave Radiation from Jupiter, with Particular Emphasis on the Correlation Between Jupiter and Solar Activity Status Report No. 9, Feb. 1 - Jul. 31, 1966	1966
19660087848	The Vir Processing System	1966
19660087849	Virginia Paper-tape Input Record and Parallel Description of the Nasa Magnetic Tape for 1401 and 1410 Search	1966
19660087851	Nonlinear Aspects of Combustion Instability in Liquid Propellant Rocket Motors Quarterly Status Report, 1 Jun. - 31 Aug. 1966	1966
19660087852	Computational Methods and Implementation Techniques for Problems Related to Navigation, Guidance and Control Semiannual Report, 1 Apr. - 1 Oct. 1966	1966
19660087853	A Study of the Biochemical Effects of Ionizing Radiation in Man Final Report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660087871	Phosphorylation of Nucleosides with Polyphosphoric Acid	1966
19660087872	Bounds for the Zeros of Polynomials Semiannual Report	1966
19660087878	A Guide to Dovtape, Appendix Iv	1966
19660087879	A Guide to Maknasa, Appendix v	1966
19660087880	A Guide to Readfix, Appendix	1966
19660087900	Study in cometary astrophysics quarterly report, 20 may - 20 aug. 1966	1966
19660087901	Helicopter Noise	1966
19660088049	Experimental and theoretical studies in planetary aeronomy quarterly progress report no. 6, 1 jul. - 17 sep. 1966	1966
19660088058	Converting the idep master file reports format	1966
19660088074	Polymers for spacecraft hardware monthly technical progress report no. 25, 10 jun. - 9 jul. 1966	1966
19660088078	Theoretical Investigation of Radiation Damage and Transport Properties of Solar Cells Status Report, 1 Mar. 1965 - Jul. 1966	1966
19660088083	Project mercury monthly progress report no. 11, 1-30 jun. 1960	1966
19660088124	Design and development of a pneumatic gimbal actuation system monthly technical report, 1-28 feb. 1966	1966
19660088158	Research program to develop a technology improvement program for closed die forging progress report no. 6	1966
19660088161	Research program to develop a technology improvement program for closed die forging progress report no. 5	1966
19660088162	Meteorite Photography and Recovery Network Semiannual Progress Report, 1 Jan. - 30 Jun. 1966	1966
19660088163	Design, Development, Fabrication and Installation of 105-inch Lunar and Planetary Telescope a Mcdonald Observatory Quarterly Status Report No. 8, 23 Jun. - 22 Sep. 1966	1966
19660088164	Clear Air Turbulence and Methods of Detection First Semiannual Report	1966
19660088165	Gravitational n-body problem status report, 1 feb. - 31 jul. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660088179	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation semiannual status report, 1 feb. - 31 jul. 1966	1966
19660088182	Study of body energy conservation, emphasizing space flight environmental effects on organisms progress report, 1 oct. 1965 - 30 sep. 1966	1966
19660088183	Research in life sciences instrumentation pertinent to studies in space biology seventh quarterly report, 1 jul. - 30 sep. 1966	1966
19660088252	Research projects and papers semiannual progress report, 1 mar. - 31 aug. 1966	1966
19660088276	Life support system for space flights of extended time periods - final demonstration and test report	1966
19660088309	Effect of ligands on the behavior of metal ions in non-aqueous solvents progress report, 31 jul. 1965 - 31 aug. 1966	1966
19660088324	A study of brain function through advanced computer techniques for analysis of electroencephalographic data semiannual report, 1 jan. - 30 jun. 1966	1966
19660088340	On the dynamic stability of eccentrically reinforced circular cylindrical shells semiannual progress report, 1 mar. - 1 sep. 1966	1966
19660088356	Analysis of the organic and inorganic constituents of carbonaceous and other selected stony meteorites semiannual report, 1 may - 1 nov. 1965	1966
19660088393	Research and development of the vortex valve principle and its application to a hot gas /5500 deg f/ secondary injection thrust vector control system monthly technical report, 2 apr. - 2 may 1966	1966
19660088394	Research and development of the vortex valve principle and its application to a hot gas /5500 deg f/ secondary injection thrust vector control system monthly technical report, 2 may - 2 jun. 1966	1966
19660088395	Research and development of the vortex valve principle and its application to a hot gas /5500 deg f/ secondary injection thrust vector control system monthly technical report, 2 jun. - 2 jul. 1966	1966
19660088396	Mos field-effect-transistor technology quarterly progress report, 5 jan. - 4 apr. 1966	1966
19660088399	Launch vehicle requirements for re-entry research missions - 40,000 to 60,000 fps velocity - task i results	1966
19660088405	Conduct Research to Develop and Test a Prototype Photo-polarimeter Suitable for Use with Balloons and Space Vehicles Quarterly Progress Report, Period Ending 31 Oct. 1966	1966
19660088409	Shock Tunnel Investigations of Turbulent Flow at High Mach Numbers Quarterly Progress Report, 1 Jul. - 30 Sep. 1966	1966
19660088414	Low Latitude Observations of Airglow	1966
19660088415	Analysis of large deformation of shells progress report, 1 feb. - 31 jul. 1966	1966
19660088416	Theoretical and Experimental Analysis of the Electromagnetic Scattering and Radiative Properties of Terrain, with Emphasis on Lunar-like Surfaces Semiannual Summary Report, 1 May - 31 Oct. 1966	1966
19660088417	Lungfish - lunar gravitational field in spherical harmonics, book 1	1966
19660088418	Lungfish - lunar gravitational field in spherical harmonics, book 2	1966
19660088419	Lungfish - lunar gravitational field in spherical harmonics, book 3	1966
19660088420	Lungfish - lunar gravitational field in spherical harmonics, book 4	1966
19660088421	Stimulation of research related to space semiannual report, 1 mar. - 31 aug. 1966	1966
19660088428	A study of selected radiation and propagation problems related to antennas and probes in magneto-ionic media semiannual progress report, 31 mar. - 1 oct. 1966	1966
19660088442	Solar wind flow past comets, ii obtekaniye komety solnechnym vetrom	1966
19660089425	Telemetry transducers progress report, nov. 1, 1965 - jan. 31, 1966	1966
19660089506	Propulsion Requirements for Space Missions Informal Interim Report	1966
19660089535	Semiconductor Devices Qualification Tests, General Specification	1966
19660089565	Semiannual Progress Report, 1 July 1965 - 1 January 1966	1966
19660089567	The Investigation of Flame Spreading over the Surface of Igniting Solid Propellants Quarterly Letter Report, 15 Oct. - 15 Jan. 1966	1966
19660089630	Power sources for directed energy weapons quarterly report no. 4	1966
19660089723	Advanced ramjet concepts program monthly progress report no. 11, 1 jan. - 31 jan. 1966	1966
19660089752	A Study of Composite Propulsion Systems for Advanced Launch Vehicle Applications Eighth Monthly Progress Report, 10 Dec. 1965 - 9 Jan. 1966	1966
19660089787	Pre-evaluation engineering data report for model a-7a airplane	1966
19660089788	Monthly progress letter number 11, december 1 through december 31, 1965	1966
19660089814	Monthly progress letter number 12, january 1 - january 31, 1966	1966
19660089866	Physics of fluids conference on molecular beam-surface interactions	1966
19660089868	Dual mode scramjet monthly letter progress report, feb. 1966	1966
19660089934	Tad 006 Final Result Performance Capability and Significant Event Histories for the Nasa Satellite Missions	1966
19660089943	Dual mode scramjet monthly letter progress report, jan. 1966	1966
19660089996	Extended Loading of Cryogenic Tanks Quarterly Progress Report No. 3, 1 Dec. 1965 - 28 Feb. 1966	1966
19660089999	Studies of Constituents, Compositions, and Textures of Meteorites, and Their Bearing on Theoretical Problems Semiannual Report, 1 Jul. - 31 Dec. 1965	1966
19660090000	Technical status report, november 4, 1965 february 4, 1966	1966
19660090002	Electrical breakdown of electron and gamma- irradiated dielectric materials final report	1966
19660090004	Theoretical and Experimental Studies of Radiation Absorptance and Emittance Characteristics and Their Control for Potential Space Vehicle Surface Materials Monthly Progress Report No. 31, Feb. - Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090014	Design analysis and performance evaluation on electrical contacts for space vehicles fourth interim report, 1 oct. - 31 dec. 1965	1966
19660090021	Fluorine-hydrogen performance evaluation quarterly progress report, 22 nov. 1965 - 26 feb. 1966	1966
19660090024	Lh2 suction line insulation research and development quarterly progress report, 30 sep. - 31 dec. 1965	1966
19660090031	Study of the solar wind, the magnetosphere, and the transition region quarterly status report, 14 dec. 1965 - 14 mar. 1966	1966
19660090046	Documentation index for stellar acquisition feasibility flights /staff/, revision - 2	1966
19660090052	Toroidal Systems Analysis Monthly Status Report	1966
19660090064	Scramjet flight test program monthly letter progress report, feb. 1966	1966
19660090091	[No Title]	1966
19660090126	Image dissector camera system for nimbus satellites progress report, dec. 1, 1965 - jan. 1, 1966	1966
19660090147	Special applications of a scanning celestial attitude determination system /scads/ supplementary report	1966
19660090148	Refractory metals for liquid rocket engines quarterly report, 25 oct. 1965 - 25 jan. 1966	1966
19660090166	Study to evaluate hybrid and high-energy solid motors for upper stage applications sixth monthly letter progress report, period ending 28 feb. 1966	1966
19660090173	Tantalum-hafnium alloys metallurgical processing technology second quarterly progress report no. 6, 9 dec. 1965 - 9 mar. 1966	1966
19660090174	A study of the use of various metals for optical reflecting elements second quarterly report, 1 nov. 1965 - 31 jan. 1966	1966
19660090176	Study of thermal absorption in seeded hydrogen fifth monthly letter report, 27 feb. - 27 mar. 1966	1966
19660090177	Study of vortex-boundary layer interactions third quarterly status report, for period ending 26 mar. 1966	1966
19660090182	Conduct Research to Obtain Information About the Electron Content in the Ionosphere and Its Variation Quarterly Status Report No. 13, 1 Jan. - 31 Mar. 1966	1966
19660090186	Advanced pyrolytic spacecraft thrust chamber materials third quarterly progress report, 21 nov. 1965 - 20 feb. 1966	1966
19660090188	Investigation of the ignition and combustion of metal wires progress report no. 11, 16 feb. - 15 mar. 1966	1966
19660090189	Isis-a program technical status report no. 7	1966
19660090194	Surface Ionization Phenomena Status Report, 1 Sep. 1965 - 28 Feb. 1966	1966
19660090199	Unified s-band system for apollo network interim development report, 1-31 jan. 1966	1966
19660090200	Phase shifters for phased array radars	1966
19660090252	A study of the adhesion and cohesion of metals third quarterly progress report, 9 sep. - 9 dec. 1965	1966
19660090257	An analytical study of the effects of radial acceleration upon the combustion mechanism of solid propellant bimonthly status report no. 3, 19 dec. 1965 - 18 feb. 1966	1966
19660090258	Hybrid and high energy solid motors for upper stage applications sixth letter report, 1-28 feb. 1966	1966
19660090298	X-15 thermal protection system monthly letter report no. 3	1966
19660090307	A study of attention and psychophysical time semiannual report no. 1	1966
19660090309	Analytical and experimental study using photoelastic methods to establish a stress analysis of a viscoelastic semiannual status report, oct. 1, 1965 - apr. 1, 1966	1966
19660090310	Study of decision making and information processing status report, aug. 20, 1965 - feb. 20, 1966	1966
19660090313	Magnetometry highlights quarterly progress report, period ending 31 mar. 1966	1966
19660090314	Second quarterly progress report, period ending 4 february 1966	1966
19660090316	Study of equilibrium air total radiation quarterly progress report, 21 nov. 1965 - 20 feb. 1966	1966
19660090317	Non-personal on-site support of si/sr division programs at goddard space flight center monthly progress report, jan. 1966	1966
19660090321	Monopropellant hydrazine thruster system progress report no. 6, sep. 1 - nov. 29, 1965	1966
19660090329	Controlled potential polarography in tributyl phosphate	1966
19660090330	Twinning and the low temperature mechanical properties of polycrystalline columbium and molybdenum final technical report, feb. 1965 - jan. 1966	1966
19660090334	Monte carlo calculation of stagnation point radiative heat transfer	1966
19660090352	Minuteman flight test report	1966
19660090374	Progress reports and plans for remote sensing test sites in oregon	1966
19660090383	Supersonic transport lubrication system investigation monthly progress report no. 17, 28 feb. - 3 mar. 1966	1966
19660090394	Frxm-030-10 rat scat cross section measurements of the abres 627a twelve inch diameter sphere and one half of a twelve inch diameter sphere	1966
19660090395	Apollo/saturn ib flight safety plan, vehicle as-201	1966
19660090397	Orbiting radio astronomical observatory monthly report, 18 feb. - 17 mar. 1966	1966
19660090398	Chemosynthetic gas exchanger quarterly progress report no. 7, 8 dec. 1965 - 6 mar. 1966	1966
19660090404	Experimental and theoretical analysis of ablative material response in a liquid- propellant rocket engine second quarterly progress report, 1 jan. - 31 mar. 1966	1966
19660090425	Geological Survey Project to Test Remote Sensing Data over Several Types of Broad Geologic Sites Progress Report	1966
19660090427	The dissipation of radiation fog by insolation processes	1966
19660090428	Radiation analysis of a subtropical high	1966
19660090449	Xb-70a air vehicles flight test monthly progress report no. 19, mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090464	Hibex flight control analyses	1966
19660090484	Monthly progress letter number 13, 1-28 february 1966	1966
19660090485	Dual mode scramjet monthly letter progress report, mar. 1966	1966
19660090506	Physiological responses of central vestibular pathways and diffuse ascending systems to vestibular stimulation semiannual report, 1 oct. 1965 - 30 apr. 1966	1966
19660090508	Development of a rocket-borne cryogenic air sampler and its application to upper atmosphere aerosol and trace gas research seventh quarterly status report	1966
19660090523	Research and Development of Propellant Feed Systems for Electrothermal Engines Third Monthly Progress Report, Jun. 1-30, 1962	1966
19660090537	Research in the space-related sciences progress report, 1 oct. 1965 - 31 mar. 1966	1966
19660090541	The undergraduate and the large university	1966
19660090550	The boundary of the geomagnetic field, august to november, 1961	1966
19660090552	Compression fractures of the spine during usaf ejections	1966
19660090560	Effects of incentive contracts in research and development - a preliminary research report	1966
19660090599	Ta-hf alloys metallurgical processing technology progress report no. 7, mar. 9 - apr. 9, 1966	1966
19660090600	Improved throat inserts for ablative thrust chambers monthly progress report no. 15	1966
19660090606	Study of dynamic and static seals for liquid rocket engines quarterly report no. 1, 1 jan. - 1 apr. 1966	1966
19660090609	Study of dynamic and static seals for liquid rocket engines monthly progress report no. 1, 1-30 apr. 1966	1966
19660090623	Quarterly report, january 10 - april 10, 1966	1966
19660090662	A Theoretical Investigation of Liquid "b" Monthly Progress Report No. 6, Dec. 25, 1965 - Jan. 24, 1966	1966
19660090713	To instrument an orbiting solar observatory progress report no. 22, 1 nov. 1965 - 31 jan. 1966	1966
19660090720	A light ion mass spectrometer experiment for ogo-e sixth quarterly report, 1 jan. - 31 mar. 1966	1966
19660090721	Microelectronic time decoder final report	1966
19660090737	Ion-specific permeable membranes quarterly status report no. 4, 1 dec. 1965 - 28 feb. 1966	1966
19660090738	Study of chemical reactions when firing into reaction gases or gas mixtures at high velocities untersuchung chemischer reaktionen bei einschuss in reagierende gase oder gasgemische mit hohen geschwindigkeiten	1966
19660090742	Development of hydrogen-oxygen catalysts third quarterly report, jan. - mar. 1966	1966
19660090743	Fourth quarterly letter	1966
19660090745	Cathodic protection of water-line areas	1966
19660090748	Multiple aperture image dissector tube monthly technical progress report no. 11, 1-30 apr. 1966	1966
19660090767	Evaluation of molybdenum gravity gradient rods quarterly progress report no. 2, 1 dec. 1965 - 28 feb. 1966	1966
19660090771	Solid propulsion engineering development plan monthly status report no. 2, 10 mar. - 10 apr. 1966	1966
19660090773	Design Study Phase of Scanning Celestial Attitude Determination System /scads/ Second Quarterly Report, 1 Oct. 1965 - 1 Jan. 1966	1966
19660090774	Research in gas-surface interactions - calculations of the interactions of diatomic molecules with solid surfaces status report no. 3, 9 jan. - 9 apr. 1966	1966
19660090779	Cratering in sand with one-pound hemispheres	1966
19660090780	Development of welding techniques and filler metals for high strength aluminum alloys second quarterly report, 1 oct. - 31 dec. 1965	1966
19660090788	Oceanography in france, spain and portugal	1966
19660090789	A basic construction for flexible high temperature /1000f/ interconnecting cable	1966
19660090791	The hydrogen embrittlement susceptibility of mx-2 high strength steel	1966
19660090793	Materials research programme for a solid state red indicator lamp annual report on research project rp7-24, 1965	1966
19660090795	Research into the physics of the atmospheric layer at ground level. the importance of artificial earth satellites for the atmospheric-optical research	1966
19660090799	An analytical study of the effects of radial acceleration upon the combustion mechanism of solid propellant bimonthly status report no. 4, 19 feb. - 18 apr. 1966	1966
19660090806	Energy Dissipation Characteristics in Tissue for Ionizing Radiation in Space Progress Report No. 14, 1 Mar. - 31 May 1966	1966
19660090807	Gemini v Color Photography of Salton Sea Area, California	1966
19660090808	Photogeologic interpretation of gemini iv color photography - baja, california	1966
19660090809	Geological evaluation of radar imagery, oregon coast	1966
19660090811	Radar imagery - salton sea area, california	1966
19660090814	Report of magnetic field measurements on the 600 mev synchrocyclotron of the national aeronautics and space administration space radiation effects laboratory, newport news, virginia	1966
19660090819	Prephase i for design, fabrication, and orbital testing of a space structure second monthly progress report, 15 feb. - 15 mar. 1966	1966
19660090820	Cumberland plateau seismological observatory quarterly report, 1 nov. 1965 - 31 jan. 1966	1966
19660090821	Methodology for industry impact analysis. volume i - methodology and summary results	1966
19660090824	The IrsM mobile seismological laboratory	1966
19660090825	Lasa operation and maintenance quarterly progress report, 1 dec. 1965 - 28 feb. 1966	1966
19660090834	Advanced ramjet concepts program, calendar year 1965 thirteenth monthly progress report, 1-31 mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660090836	Advanced ramjet concepts program, calendar year 1966 first monthly progress report, 7 mar. - 30 apr. 1966	1966
19660090838	Advanced ramjet concepts program, calendar year 1965 fourteenth monthly progress report, 1-30 apr. 1966	1966
19660090842	Program for reliability improvement and weight reduction of the s-ic stage retro motor monthly technical progress report no. 18	1966
19660090847	Deep-well research quarterly report no. 2, 1 oct. - 31 dec. 1965	1966
19660090848	Operation of two observatories quarterly report no. 3, 1 nov. 1965 - 31 jan. 1966	1966
19660090850	Thermal stability of hydrocarbon fuels technical report, 1 may 1962 - 31 may 1963	1966
19660090873	Solid state image intensifiers monthly technical engineering report, 1-30 apr. 1966	1966
19660090879	May climate of southeast asia	1966
19660090891	Ground Investigations of Flight Experiments on Primates in Long Duration Zero-g Quarterly Status Report, 1 Mar. - 31 May 1966	1966
19660090892	Effects of Research and Development Expenditures upon Local and Regional Economies	1966
19660090898	Advanced value technology quarterly progress report, 1 feb. - 1 may 1966	1966
19660090899	Geologic evaluation of radar imagery of flights 100-b and 100-c across the central sierra nevada, california	1966
19660090900	Advanced nitroso polymers	1966
19660090903	Model t-2b airplane, naa model no. na-288 and na-291 demonstration data report	1966
19660090904	April climate of southeast asia	1966
19660090905	March climate of southeast asia	1966
19660090908	Voyager guidance and control, volume viii, part 10	1966
19660090914	The design of a microthruster test stand	1966
19660090940	Microelectronic data link automatic carrier landing /acl/ suitability evaluation for f-8d aircraft second interim report, aug. - dec. 1965	1966
19660090941	Dual mode scramjet monthly letter progress report	1966
19660090960	Phase stabilization of nss vlf transmissions third quarterly progress report, 3 jun. - 2 sep. 1965	1966
19660090962	Research in Remote Sensing Under the Natural Resources Space Applications Program. Supplement 1 - Proposed Programs, Objectives, Tasks and Budget for Fy '66	1966
19660090963	A study of auxiliary propulsion requirements for a mars flyby vehicle technical note, mar. 1966	1966
19660091051	Axial turbine loss analysis and efficiency prediction method	1966
19660091081	Atlas/centaur launch vehicle study. phase iv guidance and control monthly progress report, 18 apr. - 17 may 1966	1966
19660091086	Vibration manual	1966
19660091087	Refractory metals for liquid rocket engines quarterly report, 25 jan. - 25 apr. 1966	1966
19660091090	Voyager oral presentation phase 1a, task b	1966
19660091093	Flight test of a modified lamp no. 4559 incorporating quartz-enclosed filament first report /final/, sep. 1965 - mar. 1966	1966
19660091105	An Experimental Investigation of Spin-lattice Interactions Fourth Semiannual Status Report	1966
19660091110	Fabrication and properties of dense beryllium oxide	1966
19660091118	First quarterly report, january 27 - may 1, 1966	1966
19660091119	Supersonic transport lubrication system investigation monthly progress report no. 19, 2-29 may 1966	1966
19660091120	Atmospheric sample collection system design and operation final report	1966
19660091121	Study of Low Cycle Fatigue Under Multiaxial Strain Cycling Status Report, 1 Oct. 1965 - 31 Mar. 1966	1966
19660091122	Research on mass spectrometer third quarterly progress report	1966
19660091125	Long range seismic measurements, corduroy	1966
19660091133	Large space power systems	1966
19660091148	Demonstration of visual information systems /aerial television/ final report, 15 nov. 1965 - 15 jan. 1966	1966
19660091155	X-15 thermal protection system monthly letter report no. 5	1966
19660091163	Heat-moisture cracking of handset h-138	1966
19660091167	Evaluation of a high-energy solid propellant third quarterly progress report, jan. 1 - mar. 31, 1966	1966
19660091179	Dual mode scramjet monthly letter progress report, dec. 1965	1966
19660091180	Technological development of throttling a hybrid propulsion system fifth quarterly progress report, 1 oct. - 31 dec. 1965	1966
19660091183	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles quarterly progress report no. 3, feb. 10 - may 9, 1966	1966
19660091184	Hybrid and high-energy solid motors for upper stage applications monthly letter progress report no. 7, period ending 31 mar. 1966	1966
19660091190	X-22A Tri-Service V/Stol Aircraft Research Aircraft	1966
19660091191	Development of compressor end seals, stator interstage seals, and stator pivot seals in advanced air breathing propulsion systems monthly progress report no. 10, 1-30 apr. 1966	1966
19660091192	Implications for acquisition of military information system technology	1966
19660091194	Study of the cause and significance of accelerated creep resulting from repeated stress reversals second semiannual progress report	1966
19660091197	A method for in-flight measurement of ground effect on fixed-wing aircraft	1966
19660091201	Electrodes for arc welding and stud welding equipment approved for use on fighting vehicles	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091204	Task ii of research program on bw detection final report, vol. i - technical discussion	1966
19660091206	Investigation of earth tremors during large rocket firings quarterly progress report, feb. 22 - may 22, 1966	1966
19660091214	Extensions to theory of time series analysis quarterly status report, 1 nov. 1965 - 31 jan. 1966	1966
19660091216	Discussion of the moeller radiation chart	1966
19660091236	Research on long life cathodes for small microwave tubes progress report, 23 oct. 1965 - 23 jan. 1966	1966
19660091250	Cy 1966 advanced ramjet concepts second monthly progress report, 1-31 may 1966	1966
19660091255	Nasa list of nofor publications	1966
19660091269	Methodological research on perceptual- psychomotor tests final summary administrative report, 1 jul. 1965 - 30 jun. 1966	1966
19660091270	Development of towed impeller speed sensors for calibrating ships' electromagnetic logs. assignment 62 101	1966
19660091302	Advanced Valve Technology Monthly Progress Report, May 1 - Jun. 1, 1966	1966
19660091307	Prepare a Compilation of Definitive Current Information in All Areas of Life Science Bearing on the Bio-medical Aspects of Manned Spacecraft Operations Semiannual Status Report, Jan. 1 - Jun. 30, 1966	1966
19660091312	Promulgation of general operational requirement no. cc-3, multichannel communications equipment	1966
19660091316	Solar corporation 3 inch xxs compensator p/n 43414, 6000 psig service nasa test report no. 10949	1966
19660091317	Solar gimbal joint p/n 41308 3 1/2 inch line size 10,000 psi service	1966
19660091320	Special Purpose Integrated Circuits	1966
19660091321	Advanced pyrolytic spacecraft thrust chamber materials quarterly progress report no. 4, 21 feb. - 20 may 1966	1966
19660091322	The development and characterization of new storable propellant bladder materials quarterly progress report no. 1, 14 feb. - 27 may 1966	1966
19660091328	An experimental investigation of a turbulent, incompressible, three-dimensional wall jet	1966
19660091329	Bipropellant vortex combustor and valve assemblies progress report, dec. 1965 - jan. 1966	1966
19660091331	Improved electron fractographic techniques, volume iii third quarterly report, 1 jan. - 31 mar. 1966	1966
19660091341	Technical proposal for advanced digital receiver design techniques	1966
19660091348	Small gas turbine engine compressor technology technical progress report, dec. 12, 1965 - jan. 12, 1966	1966
19660091356	Design of a servo potentiometer for use in a data acquisition system	1966
19660091358	An index to u. s. naval radiological defense laboratory technical reports /tr series/ issued from 1 january through 31 december 1965	1966
19660091363	F-111 crew module review presented to asd division advisory group	1966
19660091366	Investigation of the Ignition and Combustion of Metal Wires Progress Report No. 14, 16 May - 15 Jun. 1966	1966
19660091368	An analytical study of the effects of radial acceleration upon the combustion mechanism of solid propellant bimonthly status report no. 5, 19 apr. - 18 jun. 1966	1966
19660091370	A survey of space study effects on chemical technology final report	1966
19660091399	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles monthly progress report no. 6, mar. 10 - apr. 9, 1966	1966
19660091406	Wave run-up state of the art, volume ii final report	1966
19660091426	Measurement of Light Scattered from a Laser Beam by the Atmosphere Semiannual Status Report No. 4, 1 Dec. 1965 - 31 May 1966	1966
19660091427	Theoretical Studies in Statistical Mechanics, Particularly as Related to Rotation Phenomena Semiannual Progress Report	1966
19660091428	Experimental determination of system parameters for thin-walled cylinders twelfth quarterly technical progress report	1966
19660091433	Design and testing of tip, a jet-propelled underwater vehicle	1966
19660091496	Radar ground position location and identification device for a-6a aircraft	1966
19660091501	Reliability program status report. mark 5 re-entry vehicle	1966
19660091559	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles quarterly progress report no. 2, 10 nov. 1965 - 9 feb. 1966	1966
19660091565	Handbook of miniature parts and integrated circuit devices for electronic equipment	1966
19660091567	Steady-state Interaction Between Radiation and Matter in Stellar Atmospheres Progress Report, 1 Jan. - 30 Jun. 1966	1966
19660091575	Advanced valve technology monthly progress report	1966
19660091578	Surveillance test program for federal supply group 13. explosive components of the lgm-25c titan ii weapon system	1966
19660091595	Delta-38 atmosphere explorer-b flash flight report etr test no. 0238	1966
19660091596	Delta-38 atmosphere explorer-b operations summary	1966
19660091600	Biochemistry of the developing rat brain. vii - changes in the ribosomal system and nuclear rnas	1966
19660091615	Thermo-mechanical theory of non-newtonian fluids progress report, nov. 1, 1965 - apr. 30, 1966	1966
19660091627	Cavitation studies in liquid hydrogen eighth quarterly progress report	1966
19660091628	Design analysis and performance evaluation on electrical contacts for space vehicles fifth interim report, jan. 1 - mar. 31, 1966	1966
19660091629	An analysis of cryogenic boiloff cooling	1966
19660091630	Nasa msfc ln2/h2 pump and vaporizer system monthly report no. 19, 1 dec. 1965 - 7 jan. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660091631	An apollo alternate mission for establishing a television relay station in synchronous earth orbit	1966
19660091633	Study of Fluid-controlled Solid Propellant Rocket Motors Monthly Status Report No. 5, 1-30 Jun. 1966	1966
19660091674	Aerospace Systems and Mission Analysis Research Quarterly Status Report, 1 Jan. - 31 Mar. 1966	1966
19660091676	Feasibility and design study of a miniature electrostatic accelerometer experiment for the applications technology satellite final report, 15 nov. 1965 - 28 feb. 1966	1966
19660091677	Saturn ib umbilical swing arms launch complex 37b test report	1966
19660091680	Antenna locations for wtr delta missions	1966
19660091694	Advanced engineering program system and dynamics investigation /aerospike/ first informal monthly summary report, 1 feb. 1965 - 28 feb. 1966	1966
19660091734	Coaxitron transmitter group for radar set an/aps-96 monthly progress report, 1-30 apr. 1966	1966
19660091757	Msc/ksc/msfc interface control document. saturn apollo emergency detection system checkout schematics as-203/sa-203/	1966
19660091758	Cw mathematical operations research quarterly progress report no. 24, 1 feb. - 30 apr. 1966	1966
19660091826	Advanced valve technology monthly progress report, 1 jun. - 1 jul. 1966	1966
19660091830	Advanced valve technology monthly progress report	1966
19660091831	Chamber technology for space-storable propellants	1966
19660091837	Maintenance instructions manual launch complex 37 /pad b/ water system	1966
19660091839	A concept for antenna reflectors constructed from tensioned strands	1966
19660091885	Automatic flowcharting system first quarterly report, 15 apr. - 15 jul. 1966	1966
19660091911	Study for development of improved char forming heat shields monthly status report no. 9, apr. 1966	1966
19660091912	Experimental and theoretical analysis of ablative material response in a liquid- propellant rocket engine tenth monthly progress report, jul. 1-30, 1966	1966
19660091913	Chamber technology for space storable propellants quarterly report, 25 apr. - 25 jul. 1966	1966
19660091915	Technology and Urban Management Project Semiannual Report	1966
19660091916	Turbulent heat transfer characteristics of viscoelastic fluids third quarterly report, 31 oct. 1965 - 31 jan. 1966	1966
19660091917	Multivariable analysis of the mechanics of penetration of high speed particles eleventh quarterly technical progress report, 1 oct. - 31 dec. 1965	1966
19660091918	Study of manned flying systems final presentation	1966
19660091953	Non dissipative solar array optimum charge regulator third quarterly report	1966
19660091961	Photographic film shielding requirements for lunar missions	1966
19660091962	Nimbus mrir field engineering support program monthly progress report no. 1, 9-31 may 1966	1966
19660091964	Study for development of improved char forming heat shields monthly status report no. 10, 15 may - 30 jun. 1966	1966
19660091965	Analog simulation of a nuclear cold-flow test stage	1966
19660091966	Recommended spare parts list for the specially designed portions of the 600 mev synchrocyclotron, the proton beam transport system and the electron beam transport system	1966
19660091967	Test of the thermocouple beam monitor and calibration of the radio frequency dee voltage instruments	1966
19660091968	Instruction manual for the ion source pulser	1966
19660091969	Apollo/saturn facilities engineering and construction division documentation plan	1966
19660091970	St-124m iii and st-124m-iv, isolation mounting system with special structures for the st-124m stabilizer platform	1966
19660091971	An investigation of safety standards pertaining to the operation of laser/maser devices	1966
19660091972	Feasibility study of man-made radio frequency radiation measurement monthly progress report no. 1	1966
19660091973	Canadian ionospheric data	1966
19660091975	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at minus423 degf /minus253 degc/ progress report, 1-30 apr. 1966	1966
19660091977	Application of advanced fibrous reinforcement composite materials monthly progress report, 1-31 mar. 1966	1966
19660091978	Application of advanced fibrous reinforcement composite materials monthly progress report, 1-31 jan. 1966	1966
19660091979	Application of advanced fibrous reinforcement composite materials monthly progress report, 1-31 dec. 1965	1966
19660091981	Studies of improved saturn v vehicles and intermediate payload saturn vehicles - vehicle int-17 supplement to monthly status report no. 5	1966
19660091985	Development of high strength, brazed aluminum, honeycomb sandwich composites adaptable for both elevated and cryogenic temperature applications twelfth quarterly report, apr. - jun. 1966	1966
19660091986	Studies of improved saturn v vehicles and intermediate payload saturn vehicles monthly status report no. 3	1966
19660092079	Dynamic response analysis on a modelled ogo spacecraft first quarterly report, 6 apr. - 6 jul. 1966	1966
19660092115	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report no. 1, 5 jul. - 5 aug. 1966	1966
19660092116	Orbiting astronomical observatory, spacecraft a-2 monthly status report no. 12, apr. 1966	1966
19660092117	Aberrations of radio signals traversing the auroral ionosphere progress report no. 22, 1-31 may 1966	1966
19660092118	A light ion mass spectrometer experiment for ogo-e seventh quarterly report, 1 apr. - 30 jun. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092119	The 300 mev extraction system for the 600 mev synchrocyclotron of the national aeronautics and space administration space radiation effects laboratory, newport news, virginia	1966
19660092128	Oao status report no. 65, spacecrafts a-1 and b	1966
19660092129	Development of lightweight thermal insulation materials for rigid heat shields quarterly report no. 8, 1 apr. - 30 jun. 1966	1966
19660092131	Lifting body research program r and d support monthly progress report, jul. 1966	1966
19660092133	Spacecraft c, orbiting astronomical observatory monthly status report no. 10, apr. 1966	1966
19660092138	Delta-39 aimp-d flash flight report	1966
19660092156	Hibex flight test report vehicle d-3, flown december 2, 1965	1966
19660092160	Development of cathodic electrocatalysts for use in low temperature h2/o2 fuel cells with an alkaline electrolyte fourth quarterly report, jul. 1, 1965 - jun. 30, 1966	1966
19660092161	Structural mechanics of deformation and fracture quarterly progress report	1966
19660092162	A Program to Support the Development of Research in Space Science at Montana State University Sixth Semiannual Progress Report, Jan. 1 - Jun. 30, 1966	1966
19660092163	An electrohydrodynamic vapor absorption refrigerator for weightless environments sixth monthly progress report, 7 jul. - 7 aug. 1966	1966
19660092164	The Physiology and Metabolism of Hydrogenomonas Eutropha First Quarterly Progress Report, Mar. 1 - Jun. 1, 1966	1966
19660092166	Energy dissipation system based on metal extrusion bimonthly progress report no. 8, jun. 1 - jul. 31, 1966	1966
19660092167	Analytical study of catalytic reactors for hydrazine decomposition monthly progress report no. 3, jul. 15 - aug. 14, 1966	1966
19660092168	Investigation of discharge pressure oscillations in high pressure pumps informal monthly progress letter no. 3	1966
19660092169	Lunar orbiter project, mission 1, agena vehicle 6630 launch information letter	1966
19660092170	Development of a system for prestressing brittle material fifth monthly letter report, 1-31 may 1966	1966
19660092171	Refractory metals for liquid rocket engines quarterly report, apr. 25 - jul. 25, 1966	1966
19660092172	Development of pile type, high discharge rate nickel-cadmium squib batteries first quarterly report, mar. 4 - jun. 4, 1966	1966
19660092173	Statistical Communication Theory. Processing and Transmission of Information	1966
19660092174	F-4j airplane demonstration data report. volume i - carrier suitability	1966
19660092175	Cryogenic positive expulsion bladders monthly progress report no. 13, jul. 1-31, 1966	1966
19660092249	Gas chromatographic studies on purine and pyrimidine bases, nucleosides, and nucleotides status report, feb. 1 - aug. 15, 1966	1966
19660092250	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report no. 2, 5 aug. - 5 sep. 1966	1966
19660092251	Study of the use of various metals for optical reflecting elements quarterly report no. 3, 1 feb. - 1 may 1966	1966
19660092252	Investigation of Luminosity Criteria in o and of Stars Progress Report No. 2, Mar. 1 - Sep. 1, 1966	1966
19660092262	Cleanliness improvement program	1966
19660092267	Analyses of diurnal variations in tiros vii 8- 12 "window" radiation over indonesia and malaysia first quarterly report	1966
19660092272	Arod system test model hardware program sixth quarterly report, 1 apr. - 30 jun. 1966	1966
19660092279	Correlation of mechanical and thermal properties of extraterrestrial materials third quarterly progress report	1966
19660092282	Thrust vector control systems	1966
19660092286	Hibex liquid tvc system development and test	1966
19660092290	S-ivb-201 stage flight test plan	1966
19660092295	Hibex solid propellant transducers	1966
19660092296	Aerodynamics of the hibex vehicles	1966
19660092301	Concealed munitions detector research monthly progress report, 16 jan. - 15 feb. 1966	1966
19660092316	Investigation of resin systems for improved ablative materials seventh month progress report, 2 jul. - 5 aug. 1966	1966
19660092317	Relation between a generalized wideband signal and its equivalent short pulse when applied to array antennas	1966
19660092324	Concealed munitions detector research tenth monthly progress report, 16 dec. 1965 - 15 jan. 1966	1966
19660092325	Studies of the mechanism of crack propagation in salt water environments of candidate supersonic transport titanium alloy materials final report	1966
19660092346	Commutator closed groups ii	1966
19660092348	Closure properties and partial engel conditions in groups ii	1966
19660092354	Measurement of Neutron Intensity in Space, Electron Densities in the Ionosphere, and Solar X-radiation Quarterly Status Report, 1 May - 31 July 1966	1966
19660092361	Development and application of basic analytical principles for materials and design synthesis to advanced concepts for space and launch vehicles quarterly progress report no. 327-2, 9 jun. - 9 sep. 1966	1966
19660092364	Dual radiometer assembly for project scanner monthly progress report no. 19, 1-28 feb. 1966	1966
19660092365	Passive infrared acquisition and tracking system analysis final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092367	Qualification test report on fixed capacitors	1966
19660092371	A study of the protection afforded low- transmission visors for varying durations of use	1966
19660092378	Sst phase iia monthly technical progress letter report, jul. 1964	1966
19660092380	Delta-31 imp-c final field report	1966
19660092388	Ceiling/visibility atlas for southeast asia /5000 and 5/	1966
19660092393	Behavior of nozzle materials under extreme rocket motor environments quarterly progress report, mar. - may 1966	1966
19660092396	Study of fluid-controlled solid propellant rocket motors restartable solid, variable pulse /rsvp/ motor monthly status report no. 7, 1 aug. - 31 aug. 1966	1966
19660092398	Nondissipative dc to dc regulator converter study sixth quarterly report, 1 jan. - 15 may 1966	1966
19660092408	Investigations of electron emission characteristics of low work function surfaces quarterly report no. 3, 1 apr. - 30 jun. 1966	1966
19660092409	Advanced valve technology quarterly progress report, 1 may - 1 aug. 1966	1966
19660092413	Microelectronics laboratory - capabilities, qualifications, experience, techniques, and objectives	1966
19660092455	Simulated radioisotope thrust system and component development second quarterly report, 1 feb. - 30 apr. 1966	1966
19660092456	Computer programs second quarterly report	1966
19660092457	Microwave radiometer design and development second quarterly report, 1 jan. - 1 apr. 1966	1966
19660092481	5-kva hydrocarbon-air fuel cell system, volume i final technical report, 11 jun. 1963 - 30 nov. 1965	1966
19660092507	The uhf pcm/fm transceivers final report	1966
19660092519	Calculus of variations for atmospheric flight	1966
19660092524	C-5a flight control report /aerospace vehicle/ flight control subsystem, volume ii	1966
19660092529	Final report, 1 october 1956 - 31 august 1965	1966
19660092534	Results of qualification tests on valchem division, united merchants and manufacturers glascoat 2006, grade a, class 3, submitted by united merchants research center, langley, south carolina	1966
19660092547	Theoretical and quantum chemistry of n, o, f compounds quarterly technical report, 9 apr. - 9 jul. 1966	1966
19660092558	Ground support equipment manual for drafting and design	1966
19660092559	Data conditioning and display for apollo prelaunch checkout quarterly progress report no. 2, 16 apr. - 15 jul. 1966	1966
19660092562	Atlas/centaur launch vehicle study. phase iv - guidance and control eleventh monthly progress report, 18 jul. - 17 aug. 1966	1966
19660092564	Significance of Parachute Cloth Permeability Tests and Their Relation to the Prediction of the Aerodynamic Characteristics of Parachutes Progress Report, Feb. 1 - Aug. 1, 1966	1966
19660092565	Monthly letter report 18 for period 1-31 january 1966	1966
19660092566	Fluorine-hydrogen performance investigation program fifteenth monthly progress report, 27 jul. - 26 aug. 1966	1966
19660092567	Design, development, fabrication, test and delivery of electrothermal engine systems monthly progress report no. 8, 1-31 jul. 1966	1966
19660092663	The development and characterization of new storable propellant bladder materials second quarter progress report, 27 may - 26 aug. 1966	1966
19660092664	Coatings for regenerative engines monthly report	1966
19660092665	Flox/methane pump-fed engine study monthly progress report no. 4, 6 aug. - 5 sep. 1966	1966
19660092666	Cryogenic resins for glass-filament-wound composites monthly progress report no. 12, 6 aug. - 5 sep. 1966	1966
19660092668	Constitutive Equations in Two-dimensional Flow Status Report for Mar. 1 - Aug. 31, 1966	1966
19660092669	Study of the Effects of Space Vehicle Vibrations on Chromosomes and Other Cellular Structures Quarterly Status Report, 1 Jun. - 31 Aug. 1966	1966
19660092670	Primary Cosmic Radiation Semi-Annual Status Report, Period Ending Aug. 31, 1966	1966
19660092671	Theoretical and Experimental Investigations of the Microwave Properties of Planetary Atmospheres Status Report No. 5, Dec. 15, 1965 - Jun. 15, 1966	1966
19660092673	Correlation between solid propellant mechanical properties and explosion effects monthly progress report no. 2, aug. 1-31, 1966.	1966
19660092677	Atomic Scattering Theory Semiannual Status Report, September, 1966	1966
19660092760	Etched core microchannel materials processing interim report no. 1, 1 jun. - 1 sep. 1965	1966
19660092800	Investigation of contamination tolerance level hydraulic pumps quarterly technical report, 1 feb. - 30 apr. 1966	1966
19660092831	Phoebus-2 monthly progress report, 1-30 jun. 1966	1966
19660092832	Research on a hydrogen-fluorine propulsion system monthly status report no. 27, 1-31 aug. 1966	1966
19660092838	A study of composite propulsion systems for advanced launch vehicle applications second monthly progress report, 19 aug. - 20 sep. 1966	1966
19660092840	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles monthly progress report no. 8, jun. 10 - jul. 9, 1966	1966
19660092847	Studies of thermionic materials for space power applications informal monthly report, jul. 1-31, 1966	1966
19660092858	Feasibility study of man-made radio frequency radiation measurement monthly progress report no. 2, 23 jul. - 23 aug. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660092874	Progress report, june 16 - july 16, 1966	1966
19660092916	Research and development fabrication of glass microchannel plates second interim technical progress report, 1 jan. - 31 mar. 1965	1966
19660092964	Project mercury post-impact chimpanzee couch environment tolerance tests preliminary test report	1966
19660092981	Evaluation of manually operated, non-keyboard, card punch device	1966
19660093015	Pyrotechnic research and development, propulsion development department review progress report, jul. - dec. 1965	1966
19660093018	New compounds of transition metals final technical report, 1 nov. 1964 - 31 oct. 1965	1966
19660093019	Further studies of the 2-substituted nonafluorobiphenyls	1966
19660093020	Further studies on tris/pentafluorophenyl/ boron	1966
19660093021	Contact shifts and decoupling in proton magnetic resonance spectra of rhenium /iii/ complexes	1966
19660093022	Assignment of the proton magnetic resonance spectra of some tris-/diethylphenylphosphine/ complexes of re/iii/, re/iv/, ir/iii/ and rh/iii/	1966
19660093023	General atom /x/ shifts in x/men et4-n/ compounds method of measurement	1966
19660093031	Theoretical Study of Non-equilibrium Ionization in the Presence of Electric and Magnetic Fields Progress Report No. 7, 1 Apr. - 30 Sep. 1966	1966
19660093036	Static shear properties of simulated lunar dust derived from slope stability final report	1966
19660093040	Monthly status report, 10 july - 10 august, 1966	1966
19660093042	Experimental investigation of wind induced oscillation effects on a circular cylinder in two dimensional flow, volume i	1966
19660093043	Experimental investigation of wind induced oscillation effects on a circular cylinder in two dimensional flow, volume ii	1966
19660093044	Experimental investigation of wind induced oscillation effects on a circular cylinder in two dimensional flow, volume iii	1966
19660093045	Centaur-8 /ac-8/ field flight report	1966
19660093046	Delta-40 pioneer-b flash flight report	1966
19660093049	Design and development of light, glide angle indicator final technical report, 29 jun. 1963 - 30 jun. 1964	1966
19660093072	A Pilot Program for Selecting, Editing, and Disseminating Engineering and Scientific Educational Subject Matter from Nasa Technical Reports Quarterly Report, 8 Jun. - 7 Sep. 1966	1966
19660093073	Evaluation testing of new advanced components	1966
19660093075	Investigation of the Basic Foundation of Masers and Lasers Semiannual Status Report, Jan. 1 - Jun. 30, 1966	1966
19660093077	Sa-203 launch vehicle rf and telemetry systems description	1966
19660093157	Experimental formulation of liquid "B" compounds /U/ Monthly progress report no. 7, Jul. 1966	1966
19660093234	Variable pulse rate laser target illuminator final report	1966
19660093238	General dynamics of physical-chemical systems in mammals eighth quarterly progress report, 21 may - 20 aug. 1966	1966
19660093239	Letter progress report, 1 december 1965 - 28 february 1966	1966
19660093240	Advanced valve technology monthly progress report, 1 aug. - 1 sep. 1966	1966
19660093241	A theoretical and experimental study of radiation damage effects in solar cells and other semiconductor devices used in space applications	1966
19660093242	Experimental and theoretical analysis of ablative material response in a liquid- propellant rocket engine eleventh month progress report, 1-31 aug. 1966	1966
19660093244	Chemosynthetic gas exchanger quarterly progress report no. 9, 8 jun. - 8 sep. 1966	1966
19660093245	Study of superconductors by means of monochromatic phonons fifth quarterly report, 16 jun. - 16 sep. 1966	1966
19660093246	Cyclic flaw growth in 2014-t62 aluminum and 6a1-4v/eli/ titanium quarterly progress report no. 2, 1 jul. - 1 oct. 1966	1966
19660093247	Design guide for pressurized gas systems monthly status report, 1-31 aug. 1966	1966
19660093249	Research program to extend cascade data to liquids and higher inlet angles quarterly progress report no. 9, 22 may - 21 aug. 1966	1966
19660093250	Weldment flaw enlargement characteristics monthly report no. 2, 1-31 aug. 1966	1966
19660093251	X-15 thermal protection system monthly letter report no. 8	1966
19660093252	All-fluid amplifier development for liquid rocket secondary injection thrust vector control monthly technical report	1966
19660093253	Development of a dielectric-tape camera system for the nimbus meteorological satellite summary status report, aug. 1966	1966
19660093254	An electrohydrodynamic vapor absorption refrigerator for weightless environments seventh monthly progress report, 7 aug. - 7 sep. 1966	1966
19660093255	Electron accelerator for aerobee rocket experiments bimonthly progress report no. 3, 1 jul. - 31 aug. 1966	1966
19660093256	Investigation of resin systems for improved ablative materials eighth month progress report, 6 aug. - 2 sep. 1966	1966
19660093257	Investigation of the ignition and combustion of metal wires progress report no. 17, 16 aug. - 15 sep. 1966	1966
19660093267	Study of Fluid-controlled Solid Propellant Rocket Motors - Restartable Solid, Variable Pulse (RSVP) Motor	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093271	Development of a 1,500,000-lb-thrust /nominal vacuum/ liquid hydrogen/liquid oxygen engine monthly technical progress report no. 39, 1-31 jul. 1966	1966
19660093301	Study to establish electromagnetic interference specification limits final report	1966
19660093302	Design criteria for zero-leakage connectors for launch vehicles monthly technical progress report, period ending 30 apr. 1966 1966	1966
19660093303	Design criteria for zero-leakage connectors for launch vehicles monthly technical progress report, period ending 28 feb. 1966	1966
19660093305	Chamber technology for space storable propellants second interim report, 1 jul. 1965 - 31 mar. 1966	1966
19660093312	Advanced experimental thrust chamber monthly progress report, period ending 31 aug. 1966	1966
19660093313	Design criteria for zero-leakage connectors for launch vehicles monthly technical progress report, period ending 30 may 1966	1966
19660093315	Design criteria for zero-leakage connectors for launch vehicles monthly technical progress report, period ending 30 jan. 1966	1966
19660093316	Structural response of saturn v launch vehicle to inflight acoustic and aerodynamic environments, volume ii	1966
19660093340	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles monthly progress report no. 7, may 10 - jun. 9, 1966	1966
19660093398	Supporting research and technology - oart, omsf, ossa, and otda, volume 1 summaries of progress, 1 jan. - 15 aug. 1966	1966
19660093399	Supporting research and technology - oart, omsf, ossa, and otda, volume 2 summaries of progress, 1 jan. - 15 aug. 1966	1966
19660093400	Supporting research and technology - oart, omsf, ossa, and otda, volume 3 summaries of progress, 1 jan. - 15 aug. 1966	1966
19660093401	Supporting research and technology - oart, omsf, ossa, and otda, volume 4 summaries of progress, 1 jan. - 15 aug. 1966	1966
19660093402	Supporting research and technology - oart, omsf, ossa, and otda, volume 5 summaries of progress, 1 jan. - 15 aug. 1966	1966
19660093403	Supporting research and technology - oart, omsf, ossa, and otda, volume 6 summaries of progress, 1 jan. - 15 aug. 1966	1966
19660093404	Supporting research and technology - oart, omsf, ossa, and otda, volume 7 summaries of progress, 1 jan. - 15 aug. 1966	1966
19660093405	Supporting research and technology - oart, omsf, ossa, and otda, volume 8 summaries of progress, 1 jan. - 15 aug. 1966	1966
19660093406	Supporting research and technology - oart, omsf, ossa, and otda, volume 9 summaries of progress, 1 jan. - 15 aug. 1966	1966
19660093407	Supporting research and technology - oart, omsf, ossa, and otda, volume 10 summaries of progress, 1 jan. - 15 aug. 1966	1966
19660093408	Supporting research and technology - oart, omsf, ossa, and otda, volume 11 summaries of progress	1966
19660093473	An introduction to radio frequency interference and electromagnetic compatibility	1966
19660093475	Ionospheric electron density studies and computations status report, apr. 1 - oct. 31, 1966	1966
19660093476	Study of Shape and Internal Structure of Moon Utilizing Lunar Orbiter Data First Quarterly Progress Report	1966
19660093479	Investigation of positive shaft seals monthly progress report, period ending 31 aug. 1966	1966
19660093480	Study of Crack Propagation in Strain-controlled Fatigue Progress Report No. 2	1966
19660093497	Multichamber, plug nozzle systems analysis monthly status report, period ending aug. 31, 1966	1966
19660093513	Advanced engineering program system and dynamics investigation /aerospike/ quarterly progress report, 1 may - 31 jul. 1966	1966
19660093515	Advanced engineering program system and dynamics investigation /aerospike/ monthly report, jun. 1966	1966
19660093550	Advanced engine design study, aerospike monthly report, jul. 1966	1966
19660093551	Solar Ultraviolet Radiation Quarterly Status Report No. 19, 16 May - 15 Aug. 1966	1966
19660093552	Optical doppler velocity recording system eighth monthly progress report, 1-31 jan. 1966	1966
19660093556	Brazing of 107mm marage steel mortar tube to the base cap	1966
19660093559	Pressure measurements system equipment field and operational calibration	1966
19660093565	Delta-40. pioneer-b operations summary	1966
19660093566	Surveyor mission b. centaur-7 operations summary	1966
19660093568	Design, development and delivery of one /1/ breadboard and three /3/ production units of a 75 va integrated static inverter monthly report no. 14, jun. 1966	1966
19660093573	Correlation of mechanical and thermal properties of extraterrestrial materials third quarterly progress report	1966
19660093574	Memory and hypothesis in solving alternation problems with random competition interim report	1966
19660093610	Study of the methods for the numerical solution of ordinary differential equations final report, 26 jan. 1965 - 25 jan. 1966	1966
19660093611	Data supplement, centaur-7 /ac-7/	1966
19660093614	A procedure for the analysis of experiment compatibility for aap earth orbit missions	1966
19660093635	Large hydrogen pump technology, july 1965 - june 1966	1966
19660093651	Hibex propellant structural integrity analysis	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093659	All welded segmented common bulkhead	1966
19660093669	Qualification test on struthers-dunn, inc. relay number fc-1-mv	1966
19660093680	Some human tolerance limits to several environment stresses of an apollo mission	1966
19660093681	Certain computer programs quarterly report, 1 dec. 1965 - 31 mar. 1966	1966
19660093683	Development of controls for time-temperature characteristics in aluminum weldments progress report	1966
19660093695	Basic engineering studies of techniques for acceleration of a particle to hypervelocity by an electrically heated propellant plasma status report, 1 mar. - 1 sep. 1966	1966
19660093696	Study of contamination of lox by gn2 quarterly progress report, 1 jun. - 31 aug. 1966	1966
19660093697	Development of space activity	1966
19660093698	Application of plasma dynamics and statistical mechanics to plasma propulsion quarterly progress report, 1 jul. - 30 sep. 1966	1966
19660093700	Research in the synthesis and characterization of magnetic ferrofluids quarterly report, 15 jun. - 14 sep. 1966	1966
19660093701	Development of liquid oxygen positive expulsion bladders monthly progress report, 1-30 sep. 1966	1966
19660093705	Develop balloon systems and conduct high-altitude balloon flights quarterly status report, 1 jun. - 31 aug. 1966	1966
19660093710	Investigation of the Creep and Relaxation of Non-linear Materials Under Multiaxial Stressing Letter Progress Report, 1 Mar. - 31 Aug. 1966	1966
19660093711	Experimental determination of system parameters for thin-walled cylinders monthly progress report, 1-30 jun. 1966	1966
19660093720	Program of x-ray astronomy from sounding rockets technical quarterly progress report, 1 jul. - 30 sep. 1966	1966
19660093721	Development of an accelerated stress corrosion test for ferrous and nickel alloys second quarterly report	1966
19660093722	Ground Based Television Support for Particle Accelerator Flights Quarterly Progress Report No. 1, Mar. 15 - Jun. 14, 1966	1966
19660093725	Postdoctoral and Senior Postdoctoral Resident Research Associateship Program Status Report No. 8, Jun. 1 - Aug. 31, 1966	1966
19660093726	Planetary meteorology quarterly progress report no. 4, 20 apr. - 19 jun. 1966	1966
19660093727	Design, development and delivery of one /1/ breadboard and three /3/ production units of a 75 va integrated static inverter monthly report no. 13	1966
19660093728	An airborne evaluating equipment study monthly progress report, 9 sep. - 8 oct. 1966	1966
19660093729	Delta-35 final field report pioneer-a	1966
19660093730	Technical studies on the communications satellites quarterly progress report, 16 may - 15 aug. 1966	1966
19660093731	Research on Meteorites and Cosmic Rays Progress Report, Mar. 15 - Sep. 15, 1966	1966
19660093738	Characterization of ceramic materials for micro-electronic applications quarterly report no. 2, feb. 23 - may 23, 1966	1966
19660093747	Analytical and Experimental Research on Methods of Reducing the Sensitivity of Sampled Data Systems to Parameter Variations and Disturbances Annual Report, Sep. 1965 - Sep. 1966	1966
19660093750	Helium sphere /chilldown/ qualification test, dac scn 1a49963-1	1966
19660093753	The development and characterization of new storable propellant bladder materials seventh monthly progress report, 27 aug. - 23 sep. 1966	1966
19660093754	Coatings for regenerative engines third monthly report	1966
19660093755	Cryogenic resins for glass-filament-wound composites Monthly progress report, 6 sep. - 5 oct. 1966	1966
19660093772	Acoustic tests on a flat stiffened panel typical of s-ii stage forward skirt	1966
19660093795	Design analysis and performance evaluation on electrical contacts for space vehicles interim report, apr. 1 - jun. 30, 1966	1966
19660093796	Evaluation of international electronic industries division standard pressed steel company type tap.27-40sdgi-n-1 tantalum foil electrolytic capacitors ordnance drawing number 10583754	1966
19660093802	Experimental and theoretical analysis of ablative material response in a liquid- propellant rocket engine fourth quarterly progress report, jul. 1 - sep. 30, 1966	1966
19660093809	Literature on meteorology and hydrology for 1965	1966
19660093831	Exploratory development of high-temperature heat exchangers interim engineering progress report, 1 jan. - 31 mar. 1966	1966
19660093837	Application technology satellite /ats-4/ fourth monthly progress report	1966
19660093838	Improved resin/glass filament-wound composite monthly letter report	1966
19660093839	High-temperature liquid-mercury cathodes for ion thrusters quarterly report no. 1, 1 jun. - 31 aug. 1966	1966
19660093840	Application of hydrogen bacteria to bioregenerative life support systems - growth of hydrogenomonas eutropha in urine quarterly progress report, 20 may - 20 aug. 1966	1966
19660093842	Atlas/centaur launch vehicle study guidance and control, phase iv and phase v monthly progress report, 18 aug. - 17 sep. 1966	1966
19660093844	An electrohydrodynamic vapor absorption refrigerator for weightless environments eighth monthly progress report, 7 sep. - 7 oct. 1966	1966
19660093845	Main tank injection pressurization monthly report, 31 aug. - 30 sep. 1966	1966
19660093846	Instrumentation for the determination of the lunar atmosphere monthly report, jun. 13 - jul. 12, 1966	1966
19660093847	Instrumentation for the determination of the lunar atmosphere monthly report, jul. 13- aug. 12, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660093848	Instrumentation for the determination of the lunar atmosphere monthly report, may 13- jun. 12, 1966	1966
19660093850	Fluorine-hydrogen performance investigation program seventeenth monthly progress report, 27 sep. - 26 oct. 1966	1966
19660093851	Cyclic flaw growth in 2014-t62 aluminum and 6a1-4v /el1/ titanium monthly progress report no. 5	1966
19660093852	Liquid propellant thermal conditioning system monthly progress report no. 8, 31 aug. - 30 sep. 1966	1966
19660093854	Study of fluid-controlled solid propellant rocket motors restartable solid, variable pulse /rsvp/ motor monthly status report no. 8, 1-30 sep. 1966	1966
19660093855	Evaluation and demonstration of the use of cryogenic propellants /o2-h2/ for reaction control systems sixteenth monthly progress report	1966
19660093856	Preparation of fluoroelastomers for use with cryogenic storable propellants quarterly report no. 1, 1 jun. - 31 aug. 1966	1966
19660093889	Design guide for pressurized gas systems quarterly report, jul. 1 - sep. 30, 1966	1966
19660093891	Geos a short arc orbital data reduction and analysis progress report, 20 dec. 1965 - 20 sep. 1966	1966
19660093893	Advanced horizon sensor for ogo monthly technical status report	1966
19660093894	Aluminum bonded lead telluride thermoelectric module research and development first quarterly report, 1 may - 1 aug. 1966	1966
19660093895	Advanced experimental thrust chamber monthly progress report	1966
19660093896	Error analysis of inversion techniques fifth quarterly report, 9 mar. - 8 jun. 1966	1966
19660093897	Advanced experimental thrust chamber program quarterly progress report, period ending 30 jun. 1966	1966
19660093906	Evaluation and demonstration of the use of cryogenic propellants /o2-h2/ for reaction control systems fifteenth monthly progress report	1966
19660093910	Improved ablative materials monthly report, 1-31 aug. 1966	1966
19660093911	Chamber technology for space storable propellants twenty-seventh monthly progress report, period ending 30 sep. 1966	1966
19660093931	Lithium-fluorine-hydrogen propellant study monthly progress report	1966
19660093935	Experimental research on x and gamma- radiation at high altitudes, including design and use of balloon-borne instrumentation progress report, 1 apr. - oct. 1966	1966
19660093936	An experiment to measure the gamma ray flux of various celestial point sources from high altitude balloons semiannual progress report, period ending 31 oct. 1966	1966
19660093938	Analysis and computer program for determining gaseous thermal radiation	1966
19660093948	Study of thermal absorption of seeded hydrogen monthly progress report no. 11	1966
19660093949	Contract quarterly performance report third quarter, jun. - aug. 1966	1966
19660093950	A research and development program for segmenting silicon germanium and lead telluride thermoelectric materials interim progress report, may 1 - jul. 1966	1966
19660093952	Experiments with thermal dissociator for hydrogen masers first quarterly report, jul. 30, 1965 - jan. 30, 1966	1966
19660093953	Research investigation of the decomposition of composite solid propellants quarterly status letter no. 1, jul. 5 - oct. 1966	1966
19660093954	Wide-range energy spectra of electrons in the disturbed and undisturbed ionosphere quarterly report, jun. 1 - aug. 31, 1966	1966
19660093955	Status report	1966
19660093956	Structure of the magnetopause - a comparison between satellite magnetometer data and theory progress report, apr. 15 - oct. 15, 1966	1966
19660093994	Cyclic flaw growth in 2014-t62 aluminum and 6a1-4v/el1/ titanium quarterly progress report, mar. 29 - jul. 1, 1966	1966
19660094004	Environmental evaluation of the transitron sr-1504 silicon switching rectifier diode	1966
19660094007	Synchros, control resolvers, special non buord, 109-240 volts, 400 cps	1966
19660094011	Jpl special tasks activity, headquarters review	1966
19660094015	Engineering evaluation test report of pre-flight operational life test of moog model 50-248d servoinjector	1966
19660094016	Advanced mission analysis quarterly report, may 10 - aug. 31, 1966	1966
19660094018	Phosphors for a Multi Color Flying Spot Scanner. Progress Report, Jun. 16 - Jul. 16, 1966	1966
19660094022	Size 8 resofler for the 5841e gasta	1966
19660094027	Study - design concept of a despun heat shield second bi-monthly status report	1966
19660094028	To instrument an orbiting solar observatory progress report, 1 may - 31 jul. 1966	1966
19660094037	Estimation of Transition Matrices, Abelian Groups, Structure of Near-rings, and Metrization of Topological Spaces Semiannual Status Report, Jun. 1 - Nov. 30, 1966	1966
19660094038	Dynamics of Shells of Arbitrary Geometry Quarterly Progress Report, 1 Jul. - 30 Sep. 1966	1966
19660094045	Summary of Experimental Program in Progress by Intermediate Energy Physics Group Annual Report	1966
19660094046	Effects of Research and Development Expenditures upon Local and Regional Economies	1966
19660094048	Biological effects of radiation progress report, period ending oct. 1, 1966	1966
19660094049	Martian Shelter Technology Interim Technical Report, Mar. 28 - Sep. 30, 1966	1966
19660094054	Compatibility of synthetic rubber 'o' rings with n204 and mmh propellants	1966
19660094057	Evaluation of down coming rtv-881 silicone rubber	1966
19660094066	Monthly status report, august 10 - september 10, 1966	1966
19660094067	Advanced valve technology monthly progress report, sep. 1 - oct. 1, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19660094069	Interim Progress Report, June 1 - August 31, 1966	1966
19660094073	Test and evaluation of a barocel prototype pressure transducer /0-1 psia/ datametrics, inc., model 1051 serial no. 102 final report	1966
19660094074	Preliminary Research on Geometric and Cryogenic Radiation Properties, and the Mathematical Analysis of Louver Control for Spacecraft Final Report	1966
19660094098	Development of a technique for sampling the boundary flow gases in rocket motors quarterly progress report	1966
19660094099	Automatic flowcharting system quarterly report, 15 jul. - 15 oct. 1966	1966
19660094100	Main tank injection pressurization monthly report, 1-31 oct. 1966	1966
19660094101	Monthly status report, september 10 - october 10, 1966	1966
19660094102	Lightweight multi-layer insulation system monthly progress report, 1-30 sep. 1966	1966
19660094103	Monthly status report, july 10 - august 10, 1966	1966
19660094104	Ignition of hydrogen-fluorinated oxidizers monthly progress report, 31 aug. - 30 sep. 1966	1966
19660094107	Monthly status report, 10 august - 10 september 1966	1966
19660094110	Technical translations third quarter, 1966	1966
19660094112	Hydrogen-fluorine engine evaluation quarterly progress report, 27 jun. - 30 sep. 1966	1966
19660094113	Lithium-fluorine-hydrogen propellant study fourth monthly progress report, oct. 1966	1966
19660094119	Research on gas-surface interactions 1965-66	1966
19660094162	Mechanisms of porosity formation in aluminum welds	1966
19660094176	Compilation of string grammar of modern russian final report, 1 nov. 1964 - 31 oct. 1965	1966
19660094195	Resistor failure analysis on resistor, fixed, metal films, precision	1966
19660094196	Qualification testing of stationary coil, miniature, friction brakes	1966
19660094214	Rocket exhaust studies semiannual report, 1 oct. 1964 - 31 mar. 1965	1966
19670000859	Thermal radiation effects in the upper atmosphere	1966
19670000878	The structure of chondrules and chondrites	1966
19670000882	Damping of vibrations of the blading of an operating turbine	1966
19670000883	A refractory material resistant to thermal shock - Impregnated tantalum carbide	1966
19670000885	Design of pinned blades for vibration	1966
19670000886	Phase equilibrium diagram of the Hf-Ta system	1966
19670000887	Measurement of the atmospheric turbulence inner scale between 80 and 100 km	1966
19670000889	The nature of noctilucent clouds and certain questions concerning the photochemistry and dynamics of the earth's atmosphere	1966
19670000890	Measurements of humidity in the upper atmosphere	1966
19670000891	Interpreting the results of rocket sounding of noctilucent clouds	1966
19670000892	Temperature of the atmosphere in the region of the mesopause and distribution of noctilucent clouds	1966
19670000893	Dynamics of the atmosphere and noctilucent clouds	1966
19670000894	Utilization of fructose by hydrogenomonas H 16 /part I/	1966
19670000895	A submersion method for the culture of hydrogen-oxidizing bacteria - Growth- physiological investigations	1966
19670000896	Stress-strain relations in laminar media	1966
19670000897	Irreversible thermodynamics and derivation of a system of differential equations of molecular transfer	1966
19670000898	Brief summaries of papers presented at the DGRR Symposium on Electric Space Propulsion	1966
19670000899	Some results related to space propulsion	1966
19670000900	The participation of protein precursors in the mechanism of the synthesis of specific proteins	1966
19670000901	Endurance of external acceleration increased as a result of exposure to ionizing radiation	1966
19670000902	Method for the determination of the noise from turbojet aircraft on take-off trajectories	1966
19670000903	The state of hearing in radiation sickness	1966
19670000904	Olfactory disturbances in man following exposure to radiation	1966
19670000905	Graphic method of recording pulse	1966
19670000906	Formulation of solutions for linear differential equations with quasiperiodic coefficients by means of the accelerated convergence method	1966
19670000907	The effect of thermal treatment on the photoelectric properties of silicon having structural modifications due to radiation	1966
19670000908	Certain laws of photochemical decomposition of ozone in the liquid phase	1966
19670000911	Aerodynamic characteristics of 0.187-scale model of a target missile at Mach 1.80 to 2.16	1966
19670001103	Expansion in spherical harmonics. IV - Integral form of the radial dependence	1966
19670001432	Satellite observations made at Satellite Station Stade	1966
19670001805	Temperature-entropy diagram for parahydrogen triple-point region	1966
19670002055	Meteoroid detector development and testing	1966
19670002060	Bulletin of orbital information. Part I - Orbital parameters	1966
19670002432	Titanium and Its Alloys. Publication no. 10 - Investigation of titanium alloys	1966
19670002519	Dispersive Multispectral Scanning - a Feasibility Study Technical Letter NASA-65	1966
19670002723	Study of expandable, terminal decelerators for Mars atmospheric entry. Volume II - Supporting data and technical analysis	1966
19670002731	Damping capacity of materials, volume II	1966
19670002770	Precautions in using thermobalances	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670002822	Observation of the Russian moon probe "Luna 10"	1966
19670002873	Scientific Results of Processing of Panoramas Obtained from Photographs of the Lunar Surface Taken from "Luna-9"	1966
19670002882	Photoviscous Technique Development. Volume II - Photoviscous Test Stand	1966
19670003297	Technical progress and obsolescence	1966
19670003488	Steps into the Universe (From the Logbook of the Voskhod-2)	1966
19670003572	Launch Vehicle Requirements for Future Automated Space Missions	1966
19670003654	Theory and Design Techniques for Magnetic-core Memories, Volume II	1966
19670003858	Assessing technology transfer	1966
19670003886	Development and fabrication of a 150-800 MHz 1 kW CW power source Quarterly progress report, 21 Jun. - 30 Sep. 1966	1966
19670004097	Some means of reducing bacterial propagation during prolonged space flights	1966
19670004202	Some new metal and metal-ceramic composites	1966
19670004206	E. I. Du Pont De Nemours and Company part number X-696 explosive release, test report	1966
19670004454	The reaction of carbon dioxide and finely dispersed calcium oxide in the presence of water vapor	1966
19670004455	The subject of constraint equations relating stresses and strains in fiber glass	1966
19670004456	Dependence of relative quantum yield of luminescence of ZnO on length of excitation wave	1966
19670004457	A geometrical method for determining the parameters of motion of spacecraft in a Newtonian field of force	1966
19670004458	Factors acting on the boundary layer transition at hypersonic speed	1966
19670004459	The kinetics of thermal decomposition of silver oxalate	1966
19670004460	Extrapolation of experimental thermal data to high pressures	1966
19670004461	Effect of ionizing radiation on the functioning of the vestibular analyzer	1966
19670004462	Dynamic behavior of jet engines with air extraction behind the compressor	1966
19670004463	Calculation of aerodynamic characteristics of wing and fuselage in supersonic flow	1966
19670004464	New method in the theory of light scattering	1966
19670004465	Method of quantitative emission spectral analysis based on the maximal intensity of spectral lines in the process of burning a substance	1966
19670004466	Investigation of the pressure distribution of metal on the rolls during the rolling process	1966
19670004467	Stability research on parachutes using digital and analog computers	1966
19670004468	On chemical fractionation in the silicate phase of meteorites	1966
19670004469	The nature of the anomalously high photovoltages /AHP-effect/ in semiconductor films	1966
19670004470	A new method of solving heat-conduction problems for bodies of revolution	1966
19670004471	Luminescence spectra of zinc oxide	1966
19670004504	Calculation of thermodynamic functions of chemically reactive gases	1966
19670004505	The calculation of flow in a plane Laval nozzle	1966
19670004506	Comparative analysis of the effect of gravitational stress and hypoxia on oxygen tension in brain tissues	1966
19670004508	Laws of turbulent flow in smooth pipes	1966
19670004509	Investigation of mechanical parameters in hot rolling	1966
19670004510	Investigation of the enzymatic synthesis of polyadenine in coacervates	1966
19670004511	A study of the need of two species of dunaliella algae for mineral and organic components of the medium	1966
19670004512	Determination and Analysis of the Properties and Characteristics of Extremely Small Free- Living Self-replicating Cells Status Report, 1 Feb. - 1 Aug. 1966	1966
19670004771	Spacecraft navigation	1966
19670004892	Geophysical Bulletin, no. 13	1966
19670004909	Beams, plates and shells on elastic foundations	1966
19670005080	Rendezvous Problem	1966
19670005462	Effects of Sterilization on Separation, Entry, Descent, and Landing Phases of a Capsule Mission from an Engineering Mechanics Perspective	1966
19670005490	Positive deployable solar array development program Phase I final report	1966
19670005604	Electron densities and scale heights in the topside ionosphere - Alouette I observations over the American continents Volume III - June, July, and September 1963	1966
19670005885	The Viscosity and Thermal Conductivity Coefficients of Dilute Nitrogen and Oxygen	1966
19670005888	Hydrodynamic journal bearing program Quarterly progress report, 29 Oct. 1965 - 29 Jan. 1966	1966
19670005890	Use of infrared band models to determine H2O AND CO2 concentrations in situ at high temperatures Final report	1966
19670005920	Analytical investigation of turbine erosion phenomena. Volume III - Fluid, dynamic and thermodynamic processes involved in turbine blade erosion Interim technical report	1966
19670005923	On Roll Lock-in in Unguided Rockets	1966
19670005924	Description of a digital computer program for nozzle and plume analysis by the method of characteristics - Users manual	1966
19670006070	Separator development phase of heat- sterilizable battery development program Final report, 11 Jun. 1965 - 31 Aug. 1966	1966
19670006092	Achievements of science - Geophysics, 1962	1966
19670006099	Dynamics and strength of shells	1966
19670006100	Motion of an artificial satellite about its center of mass	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670006101	Life phenomena - A historical survey	1966
19670006132	Optical instability of the earth's atmosphere	1966
19670006155	Physics of the solar system, volume 3	1966
19670006221	On the development of X-ray injuries to the skin	1966
19670006222	Remarks on the Doppler radar measuring method for interior ballistics measurements	1966
19670006223	Comparison of experimental data and semiempirical calculations for an incompressible turbulent boundary layer with a pressure gradient	1966
19670006224	Changes in the peripheral division of the auditory analyzer in acute radiation sickness	1966
19670006225	The phenomena that occur in the neighborhood of a time line	1966
19670006226	A system for the generation of monochromatic radiation for photo-biological investigations	1966
19670006227	The vibration behavior of circular conical shells	1966
19670006228	Two three-metal chemical compounds /NaKHg ₂ and NaCdHg/	1966
19670006229	A study of the radial-axial-flow turbine with low blade heights and large clearances	1966
19670006230	Investigation of the flow past elliptical cones	1966
19670006231	Isolation and properties of a RNA-DNA complex from Escherichia coli cells	1966
19670006343	Selected electronic circuitry - A report	1966
19670006346	A diffusion model calculation of the variations produced in the lunar atmosphere by the Lunar Module exhaust	1966
19670006347	S-Band laboratory test equipment Final report	1966
19670006351	Electron and proton spectrometer feasibility study and breadboard fabrication Final report, 1 Jul. 1965 - 31 Aug. 1966	1966
19670006358	Inhibition of RNA synthesis by actinomycin	1966
19670006359	Carotene content in Dunaliella salina teod. algae under conditions of laboratory cultivations	1966
19670006360	Superconductivity in NbC-NbN solid solutions	1966
19670006361	Interaction between carbides of transition metals and their oxides	1966
19670006362	Effect of the clearances between the casting and the wheel upon the efficiency of the centripetal gas turbine	1966
19670006364	Numerical solution of the problem of supersonic flow at an angle of attack past conical bodies	1966
19670006365	Shapes formed by stream surfaces of conical flows	1966
19670006366	Stability of systems with delay	1966
19670006367	Current distribution in permeable electrodes influenced by the Hall effect in the flow of an electrically conducting medium	1966
19670006368	Scanning-electron-beam densitometer for measurements of density distribution in a rarefied gas flow	1966
19670006369	Calculation of a jet axis in a drifting flow	1966
19670006371	The "biosputnik" is conducting investigations	1966
19670006424	Experimental Study of Multipacting Between Coaxial Electrodes	1966
19670006426	Combinatorial communications - Primitive trinomials of high degree	1966
19670006427	Combinatorial communications - Note on existence criteria for cyclic difference sets	1966
19670006428	Propagation studies - On decision-directed subcarrier phase estimation	1966
19670006503	Aerodynamic characteristics of rectangular plates in hypersonic flow of a rarefied gas	1966
19670006509	Effect of Rhenium on the Strain-Rate Sensitivity of Chromium at Room Temperature	1966
19670006512	Chemical equilibrium of multitemperature systems	1966
19670006513	Some exact solutions of the problem of the hypersonic or supersonic flow of a gas past a slipping wing with stall fence	1966
19670006514	Determination of defects in silicon p-1-n detectors of nuclear radiation	1966
19670006516	The dependence of certain electrophysical and thermophysical properties of zirconium monocarbide on carbon content in the homogeneity region	1966
19670006518	Resistojet research and development. Phase II - Design, development and fabrication of an ammonia-fueled resistojet thruster system Final report	1966
19670006548	A "critical" tracking task for man-machine research related to operator's effective delay time	1966
19670006562	Analytical representation of lateral sloshing by equivalent mechanical models	1966
19670006563	Vehicle stability and control	1966
19670006565	Interaction Between Liquid Propellants and the Elastic Structure	1966
19670006604	Acoustically Evoked Potentials in the Rat During Conditioning	1966
19670006685	Study of the Physics of Laser Radiation Progress Report, 15 Oct. 1964 - 15 Oct. 1966	1966
19670006730	Space technology. Volume IV - Spacecraft guidance and control	1966
19670006752	Basic Studies in Space Vehicle Attitude Control Eleventh Semiannual Status Report	1966
19670006757	Research on linear systems of a very large size Scientific status report, 6 May - 30 Sep. 1966	1966
19670006758	Fundamental Studies for the Development of Polyethylene Terephthalate as a Cryogenic Liner Material Semiannual Report	1966
19670006762	A study of the introduction of ions into the region of strong fields within a quadrupole mass spectrometer Fifth quarterly progress report, 17 Aug. - 17 Nov. 1966	1966
19670006764	Cryogenic research and development Twenty- third progress report, period ending Sep. 30, 1966	1966
19670006765	A cosmological model for our Universe, I	1966
19670006772	Communications of the Lunar and Planetary Laboratory, Volume 4, Part 4	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670006779	Expandable and modular structures technology for support of manned missions	1966
19670006785	The Determination of Empirical and Analytical Spacecraft Parametric Curves - Theory and Methods Third Progress Report	1966
19670006839	On the theory of the delta wing	1966
19670007077	Wideband array antenna using I-F time delay steering Final report	1966
19670007120	Resolution of multiple targets in clutter	1966
19670007185	Ariel I, the first international satellite. Experimental results	1966
19670007188	Analytical Representation of the Secular Variation	1966
19670007226	Space technology. Volume V - Telecommunications	1966
19670007278	Effect of Radiation Attenuation upon the Motion of a Relativistic Particle in a Uniform Magnetic Field	1966
19670007286	The Redshift and Absorption-line Spectrum of PKS 0237-23	1966
19670007294	Percentage levels of wind speed differences computed by using rawinsonde wind profile data from Santa Monica, California	1966
19670007295	A study of the lunar orbiter regarding its adaptability to experiments to evaluate lunar surface characteristics, phase I Final report	1966
19670007298	Antenna configuration for NASA-Ames landing system	1966
19670007307	Design and development of a non-dissipative charge controller using a rotary transformer Final report	1966
19670007309	Optimum charging system study program Final report	1966
19670007353	Analytical and experimental studies of sound pressures on ducted propellers Final report	1966
19670007370	Flight-wind restrictions procedure, Atlas/Centaur AC-10 through AC-15	1966
19670007577	Noncontaminating separation systems for spacecraft /project ZIP/	1966
19670007774	Functional requirements of spaceborne computers on advanced manned missions	1966
19670007791	A study of the conceptual design of a remote control station Final report	1966
19670008055	Influence of the type of molecular compound on the concentration of atmos of matter in an alternating current arc with the injection of samples by an air blast	1966
19670008060	Approximate method for the determination of the natural oscillation frequencies of cylindrical, conic and toroidal shells	1966
19670008070	Study and flight tests of a Mach 5 experimental ramjet	1966
19670008071	A survey of fatigue theory	1966
19670008185	Amino acid incorporation into protein by rabbit spleen and lymphnode microsomes	1966
19670008186	Structure of alloys of the Zr-C-Nb system	1966
19670008187	Some characteristics of metabolism and conditioned reflex activity of animals during prolonged stay in a helium-oxygen medium	1966
19670008188	Structure of alloys of the Zr-C-Ta system	1966
19670008506	Space probe radar altimeter study. Volume I - Technical report Final report	1966
19670008507	Space probe radar altimeter study. Volume II - Development plan Final report	1966
19670008508	Space probe radar altimeter study. Volume III - Reliability and quality assurance plan Final report	1966
19670008511	Study of conceptual deep space monitor communications systems using a single earth satellite. Volume II - Interface relationships, tradeoff analysis and study results Final report	1966
19670008532	On organizational aging in an R&D facility	1966
19670008645	Investigation of optimization of attitude control systems Quarterly progress report, 1 Oct. - 31 Dec. 1966	1966
19670008652	Amplitron life test unit Final engineering report	1966
19670008665	Research and development study on the relations between viscosimetric and thermodynamic properties of moderately concentrated polymer solutions Final report	1966
19670008692	Tests and inspections for process control of monolithic circuits Final report	1966
19670008696	Command and communication system test set ground support equipment Final report	1966
19670008699	Heat transfer during film condensation of potassium vapor	1966
19670008704	High-temperature liquid-mercury cathodes for ion thrusters Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670008719	Parametric Study of Oversized Rectangular Waveguides and H-guides	1966
19670008725	On the Oscillation of Solutions of Certain Self-adjoint Linear Differential Equations of the Fourth Order	1966
19670008752	Microbial contamination in conventional and laminar flow clean rooms	1966
19670008758	On the Reactions of Carbonyl Compounds with N-salicylidene-glycinate-aquo-copper. II - Syntheses of Beta-hydroxy Alpha-amino Acid from Glycine	1966
19670008760	Symbolic Design of the Bi-tran Six Computer	1966
19670008761	Series Representation of Generalized Temperature Functions	1966
19670008763	Study of recirculating gas flow fields in the base region of Saturn-class vehicles Quarterly progress report, 1 May - 31 Jul. 1966	1966
19670008766	A Computer Program for the Static and Dynamic Finite Element Analysis of Axisymmetric Thin Shells	1966
19670008767	Study of Heat Transfer Through Convection Layers Final Report	1966
19670008768	Computer Programs for Bending Analysis of Elastic Plastic Circular Plates	1966
19670008769	Electric Propulsion for Lunar Missions	1966
19670008774	The Use of Statistical Dependence Between Data Samples in Binary PCM Demodulation	1966
19670008775	Study of recirculating gas flow fields in the base region of Saturn-class vehicle Quarterly progress report, 1 Nov. 1965 - 31 Jan. 1966	1966
19670008793	A Simple Light Element X-ray Spectrometer	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670008801	The Problem of Man's Gravitoinertial Force Environment in Space Flight Quarterly Progress Report, 1 Oct. - 31 Dec. 1966	1966
19670008812	Space Technology. Volume VI - Space Sciences	1966
19670008872	The series of polynomials in the problem of three bodies	1966
19670008910	On the Wavelengths of Absorption Lines in Quasi-Stellar Objects	1966
19670008978	Relationship between the averaging method of Krylov-Bogoliubov and an approximate first integral of motion	1966
19670009007	Viscous and Inviscid Amplification Rates of Two-Dimensional and Three-Dimensional Linear Disturbances in the Laminar Compressible Boundary Layer	1966
19670009015	Experimental Results of Multipacting Between Coaxial Electrodes with High B/A Values	1966
19670009083	Statistical analysis of thrust vector characteristics for rocket engine clusters	1966
19670009087	Development of a mathematical model of the human operator's decisionmaking functions Final report	1966
19670009090	Study of solid-state integrated microwave circuits Scientific report, 15 Mar. - 14 Dec. 1966	1966
19670009091	Passive geodetic satellite inflatable sphere assemblies	1966
19670009111	Needs for Characterization and Process Control of Low-Density Composites for Aerospace Application	1966
19670009116	Transmission of characteristic data and range measurement in air-traffic control	1966
19670009161	Current problems of morphology of moon's surface	1966
19670009163	Deployable tension-shell decelerators Technical summary report	1966
19670009215	Studies on the Freezing Resistance of Intertidal Mollusks	1966
19670009217	A patrol of the lunar surface with a 24-inch reflector and image orthicon system Semiannual status report, 1 Jun. - 30 Nov. 1966	1966
19670009379	Neutron Physics Divison Annual Progress Report, Period Ending 31 May 1966	1966
19670009395	Significant achievements in space applications, 1965	1966
19670009581	Pulsations of Auroraglow and Irregular SPP of the Geomagnetic Field	1966
19670009582	Lunar geophysical surface and subsurface probes for Apollo applications program. Volume I - Detailed technical report Final report	1966
19670009593	Histologic changes in the inner ear of animals exposed to X-irradiation	1966
19670009688	Modification of the tigris image-orthicon camera system Final report	1966
19670009745	Report to the Congress from the President of the United States - United States aeronautics and space activities, 1966	1966
19670009752	Feasibility study on thrust-augmented swing-by, interplanetary missions Interim report	1966
19670009764	Research on elemental abundances in meteoritic and terrestrial matter Summary progress report, 1 Sep. 1965 - 30 Sep. 1966	1966
19670009767	Experimental research on critical problems associated with the laser integrating gyro Final report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670009777	Vibrational characteristics of large complex space vehicles Final report	1966
19670009779	Description of the TERP system, a Fortran II/63, IV/63, 360 system for efficient interpolation	1966
19670009784	Space receiver observations of Jovian decameter flux Progress report	1966
19670009785	Rotational behavior of the stars and its plausible consequences concerning formation of planetary system, II	1966
19670009801	Laser gyro balancer Final report	1966
19670009808	Portable prototype tube flare inspection instrument. Phase I - Design Progress report, 1 Jul. - 1 Dec. 1965	1966
19670009821	Evaluation program for secondary spacecraft cells acceptance test of Gulton Industries, Incorporated 3.5 ampere-hour sealed nickel cadmium cells with the Plitt seal	1966
19670009905	Clutter model for AEW radar design	1966
19670010028	Catalog of precisely reduced observations	1966
19670010029	Satellite orbital data	1966
19670010030	Neutron multiplicity monitor operations at sea level and 3800 meter elevation Final report, 22 Jun. 1965 - 22 Jun. 1966	1966
19670010051	Lunar surface mobility systems comparison and evolution /MobeV/, volume II, book 1 - Molem, Mocom, Mocan. Part 1 - Technical report Final report	1966
19670010053	Lunar surface mobility systems comparison and evolution /MobeV/, volume II. Book 2 - Mission analysis Final report	1966
19670010054	Lunar surface mobility systems comparison and evolution /MobeV/, volume II. Book 3 - Systems engineering /lunar roving vehicles/ Final report	1966
19670010058	Lunar surface mobility systems comparison and evolution /MobeV/, volume II. Book 7 - Evolution methodology user's manual Final report	1966
19670010244	Thrust deflection for cruise	1966
19670010392	Remarks on optimal control. I - The standard sufficiency theory for the least time problem	1966
19670010540	Electromagnetic interference study, phases I, II, and III	1966
19670010546	The development of dispersion-strengthened nickel chromium oxidation resistant alloys Summary report	1966
19670010597	Part number 4425008-901 "bottle, gas storage, gas bearing supply" Final report	1966
19670010598	Analytical mechanical model for the description of the sloshing motion Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670010618	Integrated research and training in space- molecular biology Annual progress report, 1 Apr. - 31 Dec. 1966	1966
19670010657	Ionospheric electron content-synchronous orbit beacon experiment definition Interim final report	1966
19670010660	Development of High Strength, Brazed Aluminum, Honeycomb Sandwich Composites Adaptable for Both Elevated and Cryogenic Temperature Applications. Volume II - Manufacturing and Testing Final Report, Jul. 1964 - Sep. 1966	1966
19670010692	Theory of Shells and Plates	1966
19670010724	On One Solution of the Theory of Bending	1966
19670010774	Natural Vibrations of Sandwich Plates Rectangular in the Plan	1966
19670010785	On the Vibrations of Homogeneous and Sandwich Plates	1966
19670010796	Generalized Problems of the Water Hammer in an Elastic Conduit	1966
19670010842	A modal combination program for dynamic analysis of structures	1966
19670010928	Investigation of Reactivity of Titanium and Other Materials with Liquid Oxygen and Nitrogen Tetroxide	1966
19670010929	Constant azimuth centrifuge Final report	1966
19670012052	Wind tunnels and their instrumentation	1966
19670012117	Use of Ranger flight data in the synthesis of a torsional acceleration transient for Surveyor vibration qualification testing	1966
19670012136	An approximate method for determining allowable stress rates for capsules containing helium-producing isotopes	1966
19670012162	Secondary-electron distribution for heavy ions	1966
19670012883	Mass distribution of shower meteors Progress report, May 1 - Oct. 31, 1966	1966
19670012892	Apollo ships instrumentation radar program Final report, Aug. 1964 - Oct. 1965	1966
19670013543	Theoretical and experimental studies of radiation absorptance and emittance characteristics and their control for potential space vehicle surface materials Final report	1966
19670013947	Acceleration of cosmic rays in interplanetary space by friction with the solar wind	1966
19670013948	A case history of titanium stress corrosion in nitrogen tetroxide	1966
19670014356	Sorption of gases on metal surfaces in ultrahigh vacuum Final report, 15 Feb. - 14 Aug. 1966	1966
19670014991	Overcoming negative emotions	1966
19670015292	Addendum to final report for Nimbus design study, volume 2	1966
19670015305	Magnetic field measurements with the IMP II SATELLITE	1966
19670015706	Linearized unsteady nonequilibrium flows of compressible gas	1966
19670016080	Efficacy of alkali-superoxide beds for bacteria removal from air	1966
19670016152	A study of the effect of space radiation on silicon integrated microcircuits, volume I Final report, 29 Jun. 1965 - 31 Aug. 1966	1966
19670016168	Hi-gain spacecraft antenna modification program Final report	1966
19670016192	VARI-QUIR III: Inclusion of the R-Theta Geometry	1966
19670016412	A necessary condition and a corner condition for optimal coplanar orbit transfer	1966
19670016413	Mechanisms of control of cerebral circulation Status report, 1 Apr. - 30 Sep. 1966	1966
19670016545	Biodynamics of microecosystems Final report, Jul. 23, 1964 - Jul. 23, 1966	1966
19670016635	The stratospheric aerosol layer during 1964 and 1965	1966
19670016637	Advanced transducers. Phase B - Design of a digital adaptor with limit storage for transducers	1966
19670016732	Tensile properties of a tape with a transverse crease	1966
19670016838	Inviscid nonequilibrium flow behind bow and normal shock waves, part III. The revised normal shock program	1966
19670016842	A geometrical approach to the special stable distributions	1966
19670016957	Research and development for fabricating a titanium gore segment, phase II Progress report	1966
19670016962	Gravity gradient stabilization elements and antenna structures material study Final report	1966
19670017008	Pressure gauge, 4-1/2-inch, 0 to 100-psig, U.S. Gauge Company part number 5002, NASA drawing number 75M04406 PPG-5 Test report	1966
19670017010	Nickel-cadmium battery test project relationship between operation, life and failure mechanism. Volume I - Experimental procedure Final report, Feb. 1, 1963 - Jul. 31, 1966	1966
19670017026	The application of slant thickness calculations between quadric surfaces to the description of vehicle and shield design	1966
19670017044	Interconnection and encapsulation of integrated circuits by anodic bonding Quarterly progress report, 1 Oct. - 31 Dec. 1966	1966
19670017086	On the Relative Depth of Lunar Annular Mountains and Craters in the "Mare Nubium"	1966
19670017129	Operation of an MHD power generator Semiannual report, 1 May - 31 Aug. 1966	1966
19670017180	Review of quarterly contractor report	1966
19670017183	Semi-empirical potential energy curves from simple approximate wave functions	1966
19670017232	Guaranteeing radiation safety during the Voskhod and Voskhod-2 flights	1966
19670017238	Modelling energy exchange processes in ecological systems	1966
19670017243	Protective cooling by a multislot and network-type injection into a turbulent boundary layer	1966
19670017244	The effect of prolonged acceleration on gas exchange and resistance of rats to hypoxia	1966
19670017245	Fundamentals of human biomechanics in an unsupported situation	1966
19670017246	The problem of prolonged, autonomous human existence in a space suit	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670017247	The transformation of human metabolic products and products of a biological complex during the recirculation of substances in small, closed spaces	1966
19670017260	Hydrodynamic journal bearing program Quarterly progress report, Jul. 29 - Oct. 29, 1966	1966
19670017295	Certain problems resulting from effects of acceleration during space flight /effects of cumulation and adaptation/	1966
19670017296	Problems of biotelemetry during prolonged space flights	1966
19670017297	An information model of the extravehicular dynamics of cosmonaut body movements and spatial orientation	1966
19670017303	Problems in pharmacology in space medicine	1966
19670017952	Materials for potassium lubricated journal bearings Quarterly progress report, 22 Apr. - 22 Jul. 1966	1966
19670017975	Design of a load-relief control system Final report, 1 May 1965 - 1 May 1966	1966
19670018174	Check Valve, 3/8 Inch James, Pond, and Clark, Inc., Part Number P12-698 Test Report	1966
19670018184	Properties of 2219 aluminum alloy stress relieved prior to aging	1966
19670018185	Development of pile type, high discharge rate nickel-cadmium squib batteries Third quarterly report, 5 Sep. - 4 Dec. 1966	1966
19670018186	Pool boiling of water on 304 stainless steel etched with hydrochloric acid	1966
19670018187	Materials Data Handbook. Type 301 stainless steel	1966
19670018190	Thrust ring splice angle investigation	1966
19670018191	Materials Data Handbook. Aluminum alloy 6061	1966
19670018322	Metallurgical analysis of MBC450-31 HERMETIC electric connector	1966
19670018323	Preliminary technical data for Earth orbiting space station. Volume IV - Configuration, integration and weights	1966
19670018324	Preliminary technical data for earth orbiting space station. Volume II - Standards and criteria	1966
19670018325	Preliminary technical data for earth orbiting space station. Volume III - Systems	1966
19670018335	The effects of scattering on small proton beams	1966
19670018897	Some peculiarities of the volt-ampere characteristics of thin cadmium sulfide single crystals with nonohmic contacts	1966
19670019045	Theory of Turbulent Plasma	1966
19670019414	Interplanetary navigation and guidance study. Volume III - Illustrations and tables	1966
19670019446	A harmonic L4 orbit for the very restricted four-body problem	1966
19670019447	Development of multiple source - multiple low voltage converter-regulator power supply with automatic failure sensing and redundant switching Quarterly report, 30 Jun. - 30 Sep. 1966	1966
19670019448	Experimental and analytical studies of radiation-only pyrolysis of model char-forming polymers Annual summary report	1966
19670019506	Experimental analysis to determine the number of required calibration levels and samples at each level for the FM/FM telemetry system	1966
19670019604	Reliability and quality assurance plan for the design, development, and production of a space probe altimeter Final technical report, volume 3, Mar. - Dec. 1966	1966
19670020132	Two phase detonations and drop shattering studies Annual progress report, 1 Feb. 1965 - 31 Jan. 1966	1966
19670020247	The use of wind shears in the design of aerospace vehicles	1966
19670020561	Solar modulation of cosmic rays and its relationship to proton and helium fluxes, interstellar travel, and interstellar secondary production	1966
19670020590	Interplanetary navigation and guidance study. Volume I - Summary, October 30, 1965	1966
19670020659	Development and evaluation of magnetic and electrical materials capable of operating in the 800 deg to 1600 deg F temperature range Quarterly report, 1 Mar. - 31 May 1966	1966
19670020674	Aracon photogrammetric attitude system description	1966
19670020677	Stability of spatially and temporally sampled distributed parameter feedback systems	1966
19670020703	Two hundred-sixty-in.-dia motor feasibility demonstration program. Volume V - 260-SL motor chamber and nozzle shell fabrication of 18 percent-nickel maraging steel Final phase report	1966
19670020705	Two hundred-sixty-in.-dia motor feasibility demonstration program. Volume V - 260-SL motor chamber and nozzle shell fabrication of 18 percent-nickel maraging steel. Appendix B - Material and process evaluation program Final phase report	1966
19670020708	Methane-fueled propulsion systems	1966
19670020741	Test report for pneumatic cylinder, double acting, Pneudraulics, Inc., model 7091, NASA drawing number 75M06911 rev. D	1966
19670020809	Neutron flux distributions - Experiment vs. theory for a water reflected-spherical cavity system Final report	1966
19670020811	Development of a 3400 watt programmed dc power supply providing static and dynamic solar cell array simulation Summary report	1966
19670021442	Preliminary design study of a lunar gravity simulator Interim report, 22 Jul. 1966	1966
19670021445	Induced ignition due to jet boundary layer	1966
19670021449	Numerical solution of Fredholm integral equation of the first kind	1966
19670021453	A remark on the "bang-bang" principle for linear control systems in infinite dimensional space	1966
19670021488	Materials technology report	1966
19670021490	Preliminary design study of a lunar gravity simulator Interim report, period ending 26 Aug. 1966	1966
19670021502	Observations of whistler-mode signals in the OGO satellites from VLF ground station transmitters	1966
19670021535	Mechanical-contact clutches for space applications, part 1	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670021559	Analysis of qualification test base heat shield panels	1966
19670021566	Two hundred sixty-in.-dia motor feasibility demonstration program. Volume VI - 260-SL MOTOR nozzle and exit cone assemblies. Book 2 - Figures and appendixes Final phase report	1966
19670021789	Search for tropospheric responses to chromospheric flares	1966
19670021793	Improvement in USB range rate accuracy by rejection of contaminated data	1966
19670021808	Prototype nickel cadmium cells for a future meteorological spacecraft Final report	1966
19670021816	Spatial Data Systems - Organization of Spatial Data	1966
19670021820	Study of ethylene oxide effects on components	1966
19670021851	Dispersion-strengthened chromium alloys	1966
19670021857	Experimental determination of heat transfer due to hydrogen combustion in a base flow region Final report	1966
19670021904	Man-system task analysis program. Erection and deployment of optical astronomy package Final report	1966
19670021911	Power conditioning and control system for an ion thruster	1966
19670022060	Stability of structural materials for spacecraft application First topical report	1966
19670022104	Fan beam navigation satellite study, Volume V - Program plan for a fan beam navigation test satellite	1966
19670022126	Computer programs for the mixing and combustion of hydrogen in air streams	1966
19670022127	Fan beam navigation satellite study, Volume IV - Electrical system studies	1966
19670022143	Analysis of Structurally Orthotropic Shells by Means of the Compliance Method Progress Report	1966
19670022160	Fan beam navigation satellite study, Volume III Simulation studies	1966
19670022311	Spatial data systems - Systems considerations	1966
19670022702	Deformation processing of stainless steel	1966
19670022790	Optical Technology Apollo Extension System. Part II - Definition of work tasks	1966
19670022819	Design guide for pressurized gas systems, volume I	1966
19670023164	Feasibility of techniques for monitoring physiological variables without attached sensors Final report	1966
19670023429	Tapped delay line simulation of randomly time-variant channels	1966
19670023667	Prediction of the lunar thermal environment Summary report	1966
19670023903	Educational monograph prepared from calculation of radiant heat exchange by the Monte Carlo method	1966
19670023914	Acoustic scale-model tests of high-speed flows, phase II Final report	1966
19670023915	Lunar environment analysis - A survey of lunar surface models	1966
19670024757	Scientific mission support for extended lunar exploration. Volume 2 - Task summary Final report	1966
19670024774	Choice behavior in a cued-recognition task	1966
19670024777	Scientific mission support for extended lunar exploration. Volume 3 - Detailed technical report Final report	1966
19670024792	Scientific mission support for extended lunar exploration. Volume 4, appendix A - Experiment sequences-computer printouts Final report	1966
19670024793	Models for optimizing the learning process	1966
19670024875	X-ray telescope Final report	1966
19670024951	Radiative equilibrium in an atmosphere with constant Einstein absorption coefficient	1966
19670025427	Statistical inertial navigation	1966
19670025475	Design equation analysis for heat transfer to cryogenic hydrogen at pressures from 600 to 1500 psia and wall-to-bulk temperature ratios to 20	1966
19670025672	Review of meteoroid-bumper interaction studies at Mc Gill University Final report	1966
19670025688	Extended loading of cryogenic tanks Final report, Jun. 1965 - Dec. 1966	1966
19670025995	Giant aperture telescope study, phase I	1966
19670026657	Investigation of the stress-corrosion cracking of high strength aluminum alloys Final report, 6 May 1963 - 6 Oct. 1966	1966
19670026684	Research and advanced development. Volume II - Supporting research and technology for the office of Advanced Research and Technology, National Aeronautics and Space Administration Semiannual review, 1 Jul. - 31 Dec. 1965	1966
19670026713	Development of a chemiluminescent ozone drop-sonde Final report	1966
19670026747	Thermal Protection System for a Cryogenic Spacecraft Propulsion Module, Volume I Final Report	1966
19670026748	Thermal protection system for a cryogenic spacecraft propulsion module, volume II FINAL report	1966
19670026754	Study trip in the USSR	1966
19670026773	Study of applications of retrodirective and self-adaptive electromagnetic wave phase controls to a Mars probe Final report, 8 Nov. 1965 - 8 Oct. 1966	1966
19670027082	Heat sterilized nickel-cadmium cell failure analysis program, phase II Final report	1966
19670027272	Pneumatic filter 1/2-inch Permanent Filter Corporation part number 10011-P-5/15, NASA drawing number 75M04406 PF-3 Test report	1966
19670027281	Initial radius of an ionized meteor wake	1966
19670027403	Solubility of Hydrogen in Liquid Nitrogen and of Helium in Liquid Hydrogen as Given by Data on Nuclear Magnetic Resonance	1966
19670027488	Modification of 82-inch coude spectrograph at Mc Donald Observatory	1966
19670027682	Development of pile type, high discharge rate nickel-cadmium squib batteries Quarterly report, 5 Sep. - 4 Dec. 1966	1966
19670027701	Investigation of the feasibility of wet oxidation for spacecraft waste treatment	1966
19670028032	Design, development and delta qualification of the single bridgewire Apollo standard initiator Monthly progress and final report, Oct. - Nov. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670028246	Optical technology Apollo extension system. Part I - Presentation	1966
19670028549	Experimental damping studies Final report	1966
19670028700	Waves in a plasma in a magnetic field	1966
19670029058	Investigation of auroral zone ionospheric forward scatter Final report, 1 Apr. 1965 - 31 Dec. 1966	1966
19670029485	Analysis of crew performance in the Apollo command module, phase II. Volume II - Appendix	1966
19670029489	Investigation of optimization of attitude control systems Annual report, 15 Sep. 1965 - 30 Jun. 1966	1966
19670029530	Time code study Final report, 15 Jun. 1964 - 6 Jun. 1966	1966
19670029550	Surveyor Spacecraft. Volume I - Functional Description	1966
19670029766	AS-206A launch vehicle operational flight trajectory dispersion analysis	1966
19670029920	On Volterra integral equations with nonnegative integrable resolvents	1966
19670029982	Surveyor A /AC-10/ flash flight report	1966
19670030318	Kidney parenchymal oxygen tension determined by renal lymph cannulation	1966
19670030623	Analysis of Mechanical Testing Procedure for Brittle Materials Interim Report, Mar. 1966 - Mar. 1967	1966
19670030865	Development of controls for time-temperature characteristics in aluminum weldments Final report	1966
19670030977	Plasma probe studies	1966
19670031129	Study to relate Apollo space suit technology to the field of hyperbaric medical therapy	1966
19670033548	Significant Results of MORL Design Studies	1966
19670033680	Effects of Combined Linear and Vibratory Accelerations on Human Body Dynamics and Pilot Performance Capabilities	1966
19670035678	Orientation of wheat seedling organs in relation to gravity.	1966
19670035760	Glycogen accumulation in monkey and cat brain exposed to proton radiation.	1966
19670036218	Schottky emission as a rate-limiting factor in thermal oxidation of metals.	1966
19670036733	Hyperfine structure and paramagnetic properties of excited states of xenon studied with a gas laser.	1966
19670036816	Primitive atmosphere of the earth.	1966
19670039249	An observational distinction between interstellar grain models.	1966
19670040046	The posterior thalamic region in man.	1966
19670040739	Effects of Roentgen Radiation on Glycogen Metabolism of the Rat Brain.	1966
19670042444	A study of the optical rotation of lipids extracted from soils, sediments, and the Orgueil carbonaceous meteorite.	1966
19670042627	Further notes on the center median nucleus of Luys.	1966
19670045261	The Dispersion of Waves in Blood Vessels	1966
19670046059	Heat sterilization of activated carbon.	1966
19670058869	An automated system for the growth and analysis of large numbers of bacterial colonies using an environmental chamber and a computer-controlled flying-spot scanner.	1966
19670065129	Brightness enhancement and opponent-colors theory.	1966
19670065542	The behavior of several interesting sports-medical quantitative functions of alpine racing skiers in the scope of altitude adaptation ueber das verhalten einiger sportmedizinisch interessanter funktionsgrossen bei alpinen skirennlaufen im rahmen de	1966
19670066726	Phase shift varactor-detector diode and techniques Third quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19670066727	Continuously variable laser-acoustic delay line First quarterly progress report, 27 Apr. - 26 Jul. 1966	1966
19670066728	Hypervelocity impact studies Final report, 1 Feb. - 15 Oct. 1965	1966
19670066729	Photolytic ring cleavage of 1,2-diarylcyclopropanes with bromine in a non-polar solvent	1966
19670066730	Construction of a non-gridded field effect tube for use in sonar applications Fourth quarterly development report, 1 Apr. - 30 Jun. 1966	1966
19670066731	Gunn effect devices Second quarterly technical report, 15 Feb. - 15 May 1966	1966
19670066732	Reentry Environment and Systems Technology /REST/. Volume II - Aerophysics appendixes Semiannual progress report, 1 Jan. - 30 Jun. 1966	1966
19670066733	Atmospheric sciences research program - 1965	1966
19670066734	Clinical shock - A study of the biochemical response to injury in man Annual progress report, Jan. 1 - Dec. 31, 1965	1966
19670066735	Techniques for integrating solid-state circuitry into antennas Interim technical report, 1 Mar. - 31 May 1966	1966
19670066736	Technical evaluation of radio beacon set AN/TRN-16 Final report	1966
19670066737	Thrust augmentation tests using torpedo tail-cone exhaust	1966
19670066738	The tension and compression strength of R.R.58 plate at temperature conditions between 200 deg C to 250 deg C	1966
19670066739	Pulse Doppler study Final report, Apr. - 15 Aug. 1966	1966
19670066740	Process development of large, close tolerance forgings of nickel base superalloys Interim engineering progress report, 1 Apr. - 30 Jun. 1966	1966
19670066741	Research and development of new and improved cutting tool materials Interim engineering progress report, 1 Apr. - 30 Jun. 1966	1966
19670066742	Research for solubility of interstitials in columbium. Part III - A study of columbium-rich alloys in the ternary systems Cb-Mo-O, Cb-Mo-N and Cb-Mo-C Final technical report, 15 Apr. 1965 - 1 Apr. 1966	1966
19670066743	Research for switching in ferroelectric crystals Final technical documentary report, Jan. 1, 1964 - Mar. 31, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670066744	Physical metallurgy of beryllium	1966
19670066746	Biological Sciences Communication Project Quarterly Report, 1 Jul. - 30 Sep. 1966	1966
19670066748	Development of manufacturing procedures for planetary spacecraft to be serialized by heating. Volume II - Appendixes Final report	1966
19670066750	Open-jet tunnel tests of a potential ground board configuration	1966
19670066751	The hollow cathode plasma electron gun	1966
19670066752	Methods for the analysis of oxygen, hydrogen and carbon in sodium	1966
19670066755	Characteristics of Kodak Estar base films	1966
19670066756	Projects dealing with advanced electron device technology Status report no. 91	1966
19670066757	Interference notebook	1966
19670066758	Some properties of circulants	1966
19670066760	Optimum multiplexing techniques Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19670066761	Evaluation of oxide laser hosts Semiannual technical summary report, period ending 30 Apr. 1966	1966
19670066762	Linear theory of collision-induced instability of partially ionized gases in external magnetic field	1966
19670066763	A method of assessment of whole body integral dose following accidental radiation exposure from an external moving source	1966
19670066764	Remote noise recorder	1966
19670066765	Sodium self diffusion and the isotope effect	1966
19670066767	Design, development, testing and fabrication of a thermoelectric cryogenic sensor Fifth quarterly report	1966
19670066768	Geographic Applications Program	1966
19670066769	Development of manufacturing procedures for planetary spacecraft to be sterilized by heating, volume I Final report	1966
19670066770	Multi-Spectral Tracking Telescope for the Apollo Applications Program Progress Report, Jun. 1 - Sep. 1, 1966	1966
19670066771	A method for defining tracking system configuration requirements	1966
19670066772	An analysis of oblique and normal detonation waves	1966
19670066774	Mobility of carriers in M.O.S. silicon transistors Final report, 1964 - 1965	1966
19670066775	Digital computer program for five-degree-of- freedom trajectory	1966
19670066776	The effect of metal properties on hypervelocity penetration Progress report, 1 Jan. - 31 Mar. 1966	1966
19670066778	Some facts about BIAC	1966
19670066781	Saturn V vehicle capability for Voyager payloads Summary report	1966
19670066782	Fluorescent ion interaction Final report, 1 May 1963 - 30 Apr. 1966	1966
19670066783	Research on Gunn effect devices Interim technical report no. 3, Feb. 1 - Apr. 30, 1966	1966
19670066784	Radant analysis studies Final report, 30 Apr. 1965 - 28 Feb. 1966	1966
19670066785	Lunar surface mobility systems comparison and evolution study /MOBEV/. Lunar vehicle summary data book, phase II - Task 3. Volume I - Technical data	1966
19670066786	Terminal Radiation Program. Volume I - Instrumentation and operations Semiannual report, 1 Jan. - 30 Jun. 1966	1966
19670066787	Transient response of cylinders to shear waves	1966
19670066788	Research on crossed-field electron devices Interim scientific report, 15 Sep. 1965 - 15 Mar. 1966	1966
19670066789	Reliability physics studies on transistors Quarterly report, 1 May - 31 Jul. 1965	1966
19670066790	Proceedings of the First Space Systems Survivability Workshop	1966
19670066791	The evaluation of materials systems for high temperature aerospace applications, part i Summary report, Jan. 1964 - Jan. 1965	1966
19670066792	The equatorial radius and the zero-order undulation of the geoid Interim scientific report	1966
19670066793	Investigation and compilation of the thermodynamic properties of rocket exhaust products Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670066794	Improved insulators for rocket motors Quarterly progress report, 1 Mar. - 31 May 1966	1966
19670066795	Data analysis in connection with the National Geodetic Satellite Program Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670066796	Data Analysis in Connection with the National Geodetic Satellite Program Quarterly Progress Report, 1 Jul - 30 Sep. 1966	1966
19670066797	Development of a Superconductive Inductance Type High Energy Density Storage System Technical Report, 1 Sep. - 31 Dec. 1965	1966
19670066798	Fuel cell technology Quarterly progress report, 25 Feb. - 25 May 1966	1966
19670066799	Infrared Interferometer Spectrometer /IRIS/ INSTRUMENT Quarterly report, 15 Jun. - 15 Sep. 1966	1966
19670066800	Time-Temperature Characteristics of Thin- Skinned Models as Affected by Thermocouple Variables Semiannual Report	1966
19670066802	Theoretical and experimental studies of visco- type shaft seals Semiannual progress report, 15 Apr. - 15 Oct. 1965	1966
19670066803	Fatigue Crack Propagation and Strains Within Plastic Zone Progress Report, 1 Mar. - 31 Aug. 1966	1966
19670066804	Study of nucleonic mass flow principles Final report	1966
19670066805	Acceleration factor determination for metal film resistors Quarterly progress report	1966
19670066806	Compatibility of liquid and vapor alkali metals with construction materials	1966
19670066807	Investigation of a moving belt radiator Quarterly progress report no. 5, 1 May - 31 Jul. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670066808	The pressure field in compressible boundary layer theory, a critical re-examination and treatment Technical report, Jan. - Apr. 1966	1966
19670066809	Observation of cyclotron echoes from a highly ionized plasma	1966
19670066810	Wideband optical modulation technique Interim technical report no. 3, Jan. - Mar. 1966	1966
19670066811	A note on the computed radiation patterns of dipole antennas in dense vegetation Special technical report no. 16	1966
19670066812	Viscoelastic rings with finite deflections	1966
19670066813	Yield and second-order effects induced by cyclic torsion in copper under tension	1966
19670066814	The vacuum ultraviolet absorption of shock-heated vibrationally excited nitrogen	1966
19670066815	Vibration and life test report, 3 percent rhenium/97 percent tungsten lamps Final report, May 1965 - May 1966	1966
19670066816	Unit record techniques Second quarterly report, 1 Mar. - 31 May 1966	1966
19670066817	Unit record techniques Second quarterly report, 1 Mar. - 31 May 1966	1966
19670066819	Single sideband quartz crystal units for VHF APPLICATIONS /metal enclosures/ Fourth quarterly progress report, 1 Feb. - 30 Apr. 1966	1966
19670066820	Kestrel F.G.A. Mk. 1 stalling and spinning trials	1966
19670066821	Power flow from a plasma having complex electroacoustic wave impedance	1966
19670066822	Open cycle magnetohydrodynamic generator research Quarterly report no. 4	1966
19670066823	Techniques for the control of integrated circuit quality and reliability Interim engineering progress report, 28 Feb. - 31 Jul. 1966	1966
19670066825	Extend and expand research and development of fuel cell systems Seventeenth monthly progress report, Nov. 20 - Dec. 20, 1965	1966
19670066826	The use of glass for lunar rock drilling simulations	1966
19670066827	Time-dependent neutron transport from a point isotropic source at an altitude of 66,000 feet	1966
19670066828	On the statistics of VHF field strength measurements using low antenna heights, I	1966
19670066829	Development of rolling process for titanium compressor blades Final technical report, Sep. 1964 - Jun. 1966	1966
19670066830	Design, fabrication and testing of 2000 deg F airframe bearings Final report, 1 Feb. 1965 - 28 Feb. 1966	1966
19670066831	Qualification tests of two aircraft batteries, silver-zinc, type MS 18122-1/WEP/, MANUFACTURED by the Yardney Electric Corporation	1966
19670066832	Standard fatigue test methods for threaded airframe fasteners - Single shear fatigue Progress report	1966
19670066833	On the purity of the atmosphere of the planet Mars	1966
19670066834	October climate of Southeast Asia	1966
19670066835	Official sea level low and high temperature qualification test of Lycoming T53-L-11 ENGINE with a number 740 combustor configuration Final report, 22 Feb. - 7 Apr. 1966	1966
19670066836	Study and fabrication of superinsulated solid-cryogen cooler model K5 Final report, 1 Jul. 1964 - 31 Jan. 1966	1966
19670066837	Development of a C-band phased array crossed-field amplifier Quarterly progress report, 1 Mar. - 1 Jun. 1966	1966
19670066838	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, Feb. 20 - May 20, 1966	1966
19670066839	Cadmium oxide	1966
19670066840	Design of a photomultiplier circuit for wide band and high frequency response	1966
19670066841	Study of application of reliability prediction techniques on flight control components Technical report, 15 Mar. 1964 - 30 Jun. 1965	1966
19670066842	Development of a transmission line test set Supplemental report	1966
19670066843	Development of aluminum base alloys, section III Final report, 29 Sep. 1961 - 30 Sep. 1965	1966
19670066844	Threshold elements and the design of sequential switching networks Interim report, Mar. 1965 - Mar. 1966	1966
19670066845	A study of failure mechanisms in silicon planar epitaxial transistors Interim engineering progress report, 20 May - 20 Dec. 1965	1966
19670066853	Transonic wind tunnel investigation of pitot-static probes for the J-37 aircraft	1966
19670066854	Wavelength dependence of the intensity variations in quasi-stellar radio sources	1966
19670066862	Space-resolved wake - Density measurements	1966
19670066863	Superconducting devices	1966
19670066864	The calculation of the time dependence of the flux depression and specimen temperatures in high burn-up irradiation rigs	1966
19670066865	Polynuclear cations of uranium /VI/, ZIRCONIUM /IV/ and ruthenium /IV/	1966
19670066866	Threshold logic synthesis of sequential machines	1966
19670066867	Radiation growth in uranium	1966
19670066868	A preliminary study of the physical and chemical behavior of experimental high temperature hydraulic fluids and lubricants Progress report, 1 Dec. 1963 - 31 Dec. 1965	1966
19670066869	Applied research on infrared detection systems Final technical report, Jan. 1965 - Apr. 1966	1966
19670066870	Evaluation of commercially developed ceramic structures for radome application Final report, Jul. 1965 - Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670066871	Study and investigation of millimeter and submillimeter wave receiver techniques Quarterly report, 1 Nov. 1965 - 28 Feb. 1966	1966
19670066872	Pulse power fuel cell Quarterly progress report 15 May - 15 Aug. 1966	1966
19670066873	Low-Modulus Arctic cable materials Final report, Feb. 15, 1965 - May 15, 1966	1966
19670066874	Description of a model launcher and techniques used for obtaining model free-flight measurements in the VKF continuous flow wind tunnels at Mach numbers from 1.5 through 10	1966
19670066875	Report by the Committee on Beryllium Metallurgy of the Materials Advisory Board Progress report	1966
19670066876	On the reliability of redundant structures Summary report, Aug. 1965 - Feb. 1966	1966
19670066878	Transition intensities between excited states of rare-earth ions in Y ₂ O ₃ and LaF ₃	1966
19670066880	Presence of a microscopic mineralization with bismuth, nickel and cobalt in the Kaymar district /Aveyron/	1966
19670066881	On the presence of maldonite /Au ₂ Bi/ at Salsigne /Aude/	1966
19670066882	The presence of levan-sucrase in the soil	1966
19670066883	Study of some colored phyllites of the crystalline schists of the Piedmontese Alps using the Castaing electronic microprobe	1966
19670066885	Mathematical-logical model of vestibular and hearing irregularities	1966
19670066886	Advanced wire-wound tungsten nozzles Quarterly engineering progress report, 1 Feb. - 30 Apr. 1966	1966
19670066887	Techniques for casting high strength steel	1966
19670066888	Investigation of porous lithium battery electrodes Fourth quarterly technical progress report, Apr. 15 - Jul. 15, 1966	1966
19670066889	Investigation of the mechanisms associated with gas breakdown under intense optical illumination Final report, Jan. 1 - Jul. 31, 1966	1966
19670066890	A strictly analytical approach to the investigation of thermionic network reliability Topical report	1966
19670066891	Chemical vapor deposited materials for electron tubes Fourth quarterly report, 15 Feb. - 14 May 1966	1966
19670066892	Cw mathematical operations research Twenty-fifth quarterly progress report, 1 May - 31 Jul. 1966	1966
19670066893	AFWL-ATAC joint shielding program. Elastic and nonelastic neutron scattering in niobium, vanadium, and carbon. Volume II - Experimental differential elastic, nonelastic, and gamma-production cross sections for 14.7-MeV neutrons Final report, 1 Oct. 1964 - 30 Sep. 1965	1966
19670066894	Cross sections of two independently observed randomly oriented dipoles	1966
19670066895	Survey of seismic noise in the Montana LASA area	1966
19670066896	Polymerization studies leading to high strength chemical resistant elastomers serviceable at temperature extremes Semiannual report no. 3, Dec. 1, 1965 - May 31, 1966	1966
19670066897	Phonon interactions in crystals Twelfth quarterly progress report, 15 Feb. - 14 May 1966	1966
19670066898	Coating material for the protection of aircraft integral fuel Fuel report, Mar. 1965 - Feb. 1966	1966
19670066899	Coherent optical array techniques Second interim technical documentary report, 3 Aug. - 2 Nov. 1965	1966
19670066901	Crack propagation in a continuum model with nonlinear atomic separation laws	1966
19670066902	Carbon dioxide fire protection systems for computers and electronic equipment Final report, Jul. 1964 - Apr. 1965	1966
19670066903	Solid-state plasma microwave generators Interim engineering report, Jan. 1 - Mar. 31, 1966	1966
19670066904	Severe ice storms in Newfoundland	1966
19670066905	Application of photoelasticity to fracture mechanics	1966
19670066906	Critical component parts in space power equipment	1966
19670066907	GaAs surface investigations Final report	1966
19670066908	Preliminary report on satellite-borne Lyman- alpha experiments	1966
19670066909	Development of a 1 watt, 2 GHz silicon UHF power transistor Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19670066910	Solid state laser devices Quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19670066911	Physics Division Progress report, 1 Jan. - 31 Mar. 1966	1966
19670066914	Computer program to calculate the filter parameters for spectral shaping	1966
19670066915	Weak solar radio bursts - Study of narrow- band spectra of noise storms and type III BURSTS	1966
19670066916	Manufacturing technology for the extrusion of superalloy structural shapes Interim engineering progress report, 15 Mar. - 1 Jul. 1966	1966
19670066917	The Convective Heating and Ablation Program /CHAP/	1966
19670066920	The digital demodulation of a frequency- modulated signal Final report	1966
19670066921	Liquid sloshing - A bibliography	1966
19670066922	Cyclic hot salt stress corrosion of titanium alloys Quarterly progress report, 1 Mar. - 31 May 1966	1966
19670066923	Summary of class II research for calendar year 1965, launch and space communications, organization 2-5413	1966
19670066924	Extremely broad-banded dipole antennae	1966
19670066927	Membrane fragments with different proportions of chlorophyll a and chlorophyll b after ultrasonic fragmentation of spinach chloroplasts	1966
19670066928	Supplement 3. Perfection of filters for calculated turbulence	1966
19670066929	Applications of matrix calculus in chemical thermodynamics	1966
19670066930	The question of outer space - Europe's answer - The situation in the Federal Republic	1966
19670066931	The problem of lead in certain plumbiferous aragonites	1966
19670066932	The meneghinite deposits of Saki and Gouskhalat /Iran/	1966
19670066934	The seleniferous digenite of Musonoi /Katanga/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670066935	Recrystallization diagrams for sintered molybdenum and tungsten	1966
19670066936	Certain mineralogical peculiarities of the sheelite tactites from northeast Brazil	1966
19670066937	Briartite, Cu ₂ /Fe,Zn/GeS ₄ , a new mineral species	1966
19670066938	The chapmanite of La Bessade /Haute-Loire/	1966
19670066939	The utilization of organic substrates by hydrogenomonas in presence of molecular hydrogen	1966
19670066940	Utilization of glass fiber material in space vehicles and in aerospace studies	1966
19670066941	Effect of manual labor on phosphoric acid elimination	1966
19670066942	Discovery of germanite in France	1966
19670066943	Crednerite, its chemical composition and genetic significance	1966
19670066944	Study of proportional solid propellant secondary injection thrust vector control under simulated altitude conditions	1966
19670066945	Development of micropower microelectronic logic circuits Final technical documentary report, 14 Oct. 1964 - 30 Mar. 1966	1966
19670066946	Transonic wind tunnel tests of .33, .55 and .90 percent scale models of the NASA Saturn vehicle	1966
19670066947	Transonic Wind Tunnel Tests on Saturn V Shroud and Fin Configurations for Marshall Space Flight Center, Volume I	1966
19670066948	Transonic wind tunnel tests on Saturn V shroud and fin configurations for Marshall Space Flight Center, volume II	1966
19670066949	U. S. Government Metalworking Processes and Equipment Program Fifth status report	1966
19670066950	Effects of metallurgical variables on deformation and fracture	1966
19670066951	Effects of external variables on deformation and fracture	1966
19670066952	Mechanics of processing	1966
19670066953	Metalworking process development	1966
19670066954	Saturn IB improvement study, phase II. VOLUME I - Summary Final report	1966
19670066955	Saturn IB improvement study, phase II. VOLUME II - Trade studies Final report	1966
19670066956	Saturn IB Improvement Study, Phase II. VOLUME III - MLV-SAT-IB-11 Configuration /Saturn IB/Zero Stage/ Final Report	1966
19670066957	Saturn IB improvement study, phase II. VOLUME IV - MLV-SAT-IB-11A configuration /Saturn IB/4 UA-1200 boost assist/ Final report	1966
19670066958	Saturn IB improvement study, phase II. VOLUME V - MLV-SAT-IB-13 configuration /Saturn IB/2 UA-1200 boost assist/ Final report	1966
19670066959	Saturn IB improvement study, phase II. VOLUME VI - MLV-SAT-IB-14 configuration /Saturn IB/Minuteman boost assist/ Final report	1966
19670066960	Saturn IB Improvement Study, Phase II. Volume VII - Research and Technology Implications Final Report	1966
19670066962	Study of manned flying systems Executive summary report	1966
19670066963	Fuel cell systems Monthly progress report, 20 Dec. 1965 - 20 Jan. 1966	1966
19670066964	Potting and encapsulating compounds for space applications Monthly report, 1 Aug. - 1 Sep. 1966	1966
19670066965	Computer program for synthesis of 15 mu infrared horizon radiance profiles	1966
19670066966	Synthesis and characterization of intermetallic polymers Interim report, 1 Nov. 1965 - 1 May 1966	1966
19670066967	Honeycomb ceramic radome techniques Quarterly progress report, 1 Oct. 1965 - 1 Jan. 1966	1966
19670066968	Weapon system 133A. Program progress production motors stage I Minuteman Status report, 1 Jan. - 31 Mar. 1966	1966
19670066970	Perfection of Wiener filters, supplement 2	1966
19670066971	Project Apollo radio blackout investigation Fourth quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670066972	Cosmic Ray Research Status Report, Oct. 1, 1965 - Oct. 15, 1966	1966
19670066974	Evaluation Program of Short Time Spectra in the Vacuum UV and Soft X-Ray Region First Semiannual Report, Mar. 1 - Aug. 31, 1966	1966
19670066978	Fuel Cell System Reliability Assessment Technical Progress Report, Period Ending Apr. 20, 1966	1966
19670066980	Fuel cell systems reliability assessment First monthly progress report, Mar. 20 - Apr. 20, 1966	1966
19670066982	Fuel cell systems reliability assessment Second monthly progress report, Apr. 21 - May 20, 1966	1966
19670066983	Fuel Cell System Reliability Assessment Technical Progress Report, Period Ending 20 May 1966	1966
19670066984	Extend and expand research and development of fuel cell systems Twentieth monthly progress report, Feb. 20 - Mar. 20, 1966	1966
19670066985	Extend and expand research and development of fuel cell systems Nineteenth monthly progress report, Jan. 20 - Feb. 20, 1966	1966
19670066990	Gas film cooling of a transonic nozzle Technical report, Feb. - Dec. 1965	1966
19670066991	Atlas/Centaur/Burner II design study	1966
19670066992	On the X- and Y-functions and Green's function for a finite slab	1966
19670066994	The ultraviolet emission spectrum of the solar chromosphere and corona	1966
19670066995	Wetting of uranium carbide	1966
19670066997	Numerical solution of Taylor's swirl atomiser problem	1966
19670066998	Generation of polynomial discriminant functions for pattern recognition Technical report no. 6764-5	1966
19670066999	Host sensitization in rare earth fluoride laser materials Interim technical report, 2 May - 29 Jul. 1966	1966
19670067000	High sensitivity photographic recording systems	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067001	Synthesis of carborane-xylylene polymers for high temperature service Progress report, Apr. 12 - Jul. 11, 1966	1966
19670067002	Atomic absorption spectroscopy Summary technical report, Mar. 2, 1964 - Dec. 28, 1965	1966
19670067003	An investigation of the high-resolution proton resonance spectra of monosubstituted benzenes to determine the chemical shifts and coupling constants Summary report, Mar. - Dec. 1965	1966
19670067004	An investigation of confidence limits on system reliability when component sample sizes vary	1966
19670067005	GASATT - A model representing the attenuation of microwave energy by gaseous atmospheric constituents	1966
19670067017	Submerged nozzle efficiency losses /U/	1966
19670067026	Study of recovered satellite analysis /Syncom/ Final report	1966
19670067027	Analysis and evaluation of engineering sequential camera coverage Apollo-Saturn, AS-202	1966
19670067028	Improved Delta Quarterly progress report, Jul. - Sep. 1966	1966
19670067029	Thin-layer chromatography report number VI. TRACE analysis of sugar mixtures on kieselguhr G layers	1966
19670067030	Study of plasma radiation shielding Quarterly progress report, 24 Jun. - 23 Sep. 1966	1966
19670067031	Study of plasma radiation shielding Quarterly progress report, 24 Mar. - 23 Jun. 1966	1966
19670067032	Dielectric covered circularly polarized slot antennas	1966
19670067033	Navigation/traffic control techniques experiment study Final report	1966
19670067034	On the propagation velocities of small oscillations in an unlimited isotropic circular cylinder	1966
19670067035	The question of precipitation in AlMgSi alloys on the basis of electron microscopic observations	1966
19670067036	The change from pound and pound-force to kilogram and Newton - Direct conversion of the English-American, non-metric technical units into the International System of Units /SI/	1966
19670067037	Large scale integrated circuit arrays Interim technical report, 16 Apr. - 15 Jul. 1966	1966
19670067038	Discretionary wiring approach to large scale integration	1966
19670067039	Display requirements for prelaunch checkout of advanced space vehicles	1966
19670067040	RKUTTA /Runge-Kutta/ CNA computer program 21-65S	1966
19670067041	Consideration and evaluation of factors influencing the stimulated optical scattering in gases	1966
19670067042	Studies of the quasi-cw argon ion laser	1966
19670067043	Investigation of hologram techniques Interim engineering report, 1 Dec. 1965 - 31 Mar. 1966	1966
19670067044	X-22A tri-service V/STOL aircraft Monthly progress report, Feb. 1-28, 1966	1966
19670067045	Physics of thin films, surfaces, and interfaces Progress report, Jan. 1 - Apr. 30, 1966	1966
19670067046	Study of contamination of LOX by GN2 TECHNICAL summary report, 25 Feb. - 26 Sep. 1966	1966
19670067047	A study of the Ga-As-Zn system with applications to the diffusion of Zn in GaAs	1966
19670067048	Solid-state plasma microwave generators Interim engineering report, 1 Oct. - 31 Dec. 1965	1966
19670067050	Development of utility theory for arms control and disarmament Final report	1966
19670067051	Study of transverse wave interactions Quarterly report, 1 Nov. 1965 - 31 Jan. 1966	1966
19670067052	Miniature lightweight blasting machine, XM32 INTERIM report	1966
19670067053	Lubrication as a parameter in the extrusion of metals	1966
19670067054	Beryllium bi-crystal studies, volume II TECHNICAL report, 1 Jun. 1964 - 31 May 1966	1966
19670067057	Satellite communications terminal AN/TSC-54 QUARTERLY progress report, 31 Dec. 1965 - 31 Mar. 1966	1966
19670067058	Diffraction theory of the knife-edge method and its improved form, the phase-contrast method	1966
19670067059	Concerning the occurrence of electromotive forces in metal plates through which a thermal current is passing and which are in a magnetic field	1966
19670067060	Minimal problems of aerospace flight	1966
19670067061	Study of transverse wave interactions Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19670067062	Development of improved potting and encapsulating compounds for space applications Quarterly progress report, 17 Jun. - 30 Sep. 1966	1966
19670067063	Floidyne Controls, Inc. manual shutoff ball valve, 3000 psi, manufacturer's part number 5A11 Test report	1966
19670067064	Thermodynamic Equilibrium of a Reacting Gas- Solid Mixture. I - Derivation of Equations and Convergence Procedure Status Report	1966
19670067065	Influence of magnetic forming on 2219 and 2014 aluminum alloys Final report, 9 Feb. - 8 Aug. 1966	1966
19670067066	Melting mechanisms in ionic crystals. Quaternary amyl ammonium thiocyanate	1966
19670067067	Mach 8 pressure and heat-transfer tests of an 8-deg cone with cylindrical afterbodies	1966
19670067068	Perturbed optimal control problems	1966
19670067069	SNAP 50/SPUR Quarterly technical progress report, Apr. 1 - Jul. 1, 1966	1966
19670067071	Development of die materials for hot extrusion of steel and refractory metals Fourth interim technical engineering report, Apr. 1 - Jun. 30, 1966	1966
19670067072	An investigation of the pressure stresses in a compact, plate fin, counterflow heat exchanger	1966
19670067073	Higher order skewnesses in a turbulent flow	1966
19670067074	Radiant analysis studies Interim report, 1 Feb. - 31 May 1966	1966
19670067075	Development of a point deformation rolling mill Eighth interim engineering progress report, 1 Apr. - 30 Jun. 1966	1966
19670067076	UHF active cancellation filter Interim report, 1 Dec. 1963 - 1 Dec. 1965	1966
19670067077	Applied research on high resolution film scanning electron-beam readout device Final report, May 1965 - Feb. 1966	1966
19670067078	Intrinsic infrared detector development Final report, 1 Jan. 1965 - 30 Jun. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067079	Review of explosive /chemical/ forming Report, Apr. 1965 - May 1966	1966
19670067080	Methods for elimination of corrosion products of nitrogen tetroxide First quarterly progress report, 1 May - 31 Jul. 1966	1966
19670067081	Impact, shock focusing, and stress propagation in thin plates Final report, 1 Jan. 1965 - 28 Feb. 1966	1966
19670067082	Radar meteorology at millimeter wavelengths	1966
19670067083	Machining data for numerical control drilling	1966
19670067084	The measurement of stacking fault energies by X-ray diffraction	1966
19670067085	Manufacturing technology for fibrous materials First interim engineering progress report, 1 May - 30 Jul. 1966	1966
19670067086	Base pressure phenomena associated with ignition of rocket motors underwater	1966
19670067087	Category II adverse weather tests of the UH-1F helicopter Final report, Feb. - Aug. 1965	1966
19670067088	Development of a radar radiation protective suit for naval personnel	1966
19670067089	The determination of sulfur in organic compounds Technical report, Dec. 1964 - Dec. 1965	1966
19670067090	Cost-effectiveness of the Nuclear-Powered Energy Depot /NPED/ for the Army field forces	1966
19670067091	Investigation of the interaction between a longitudinal slot and a plasma	1966
19670067092	Processing in limited geometry. Part 14 - The extensive removal of liquid entrainment from climbing-film evaporator systems	1966
19670067093	Micropulsations and the outer radiation zone	1966
19670067094	Programmed algorithm for test-point selection and fault isolation, volume II FINAL report, Jul. 1, 1965 - Apr. 30, 1966	1966
19670067095	Programmed algorithm for test-point selection and fault isolation, volume I Technical report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670067096	The feasibility of utilizing the confined vortex phenomena as a means of signature generation, part I Final report, Dec. 8, 1964 - Mar. 8, 1966	1966
19670067097	Studies of low density supersonic jets	1966
19670067098	Two-axis optical pickoff gyroscope	1966
19670067099	Ionized particles as contaminant in a neutral turbulent fluid, 15 April - 15 August 1965	1966
19670067100	Transonic static and dynamic stability characteristics of several Saturn IB AND V upper stage configurations Technical report, Aug. 26, 1965 - Mar. 14, 1966	1966
19670067101	Investigation of charged particle effects on infrared optical materials, II Technical report, 1 Jun. 1965 - 1 Jun. 1966	1966
19670067102	The influence of oxygen on wetting and bonding in the copper-tungsten system	1966
19670067103	Silicon carbide diode study. Phase I - Test evaluation Technical report, Nov. 15, 1965 - May 15, 1966	1966
19670067104	Supersonic nozzle beams - Some recent experimental results	1966
19670067105	The systems platinum-carbon and iridium-carbon Technical report, Sep. 1963 - Aug. 1965	1966
19670067106	Thermomechanical treatments applied to ultrahigh-strength steels Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19670067107	Thermal stability of hydrocarbon fuels Progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19670067109	Saturn I-B trajectory accuracy requirements analysis	1966
19670067110	Studies of electromagnetic compatibility of equipment and systems Progress report, 1 Feb. - 30 Apr. 1966	1966
19670067111	Ion optics of mass spectrometers. Part 2 - Magnetic fields	1966
19670067112	Evaluation of the stress corrosion susceptibility of titanium sheet alloys coated with high temperature sealants Quarterly progress report, 1 Feb. - 1 May 1966	1966
19670067113	A sampling of some current projects in implant bio-telemetry	1966
19670067114	The working of A.D.P./K.D.P. crystals for laser applications	1966
19670067115	High power overall susceptibility measurements Interim report	1966
19670067116	Study of problem areas in optical communications Final report, Apr. 1964 - Nov. 1965	1966
19670067117	A study of the superconducting behavior of alloyed interstitial compounds with the NaCl crystal structure Progress report, 5 May - 30 Apr. 1966	1966
19670067118	A low altitude control concept for U. S. Army rotary wing aircraft	1966
19670067119	Wideband electronically variable time delay techniques for phased arrays Final report	1966
19670067120	Demolitions and disposal, bibliography	1966
19670067121	Preliminary design of hypersonic high L/D TEST vehicles. Volume 4 - Appendixes Final report	1966
19670067123	Process development for precision radial forging of integral turbine wheels Interim technical progress report, 15 Mar. - 15 Jun. 1966	1966
19670067124	Flow and fracture characteristics of zone purified beryllium and selected beryllium rich alloys Final report	1966
19670067125	Ionization and electron loss simulation in atmospheric gases Quarterly report, 1 Sep. - 30 Nov. 1965	1966
19670067126	Performance tests of the F-4B airplane Interim report	1966
19670067127	Millimeter wave mixers Quarterly report, 10 Mar. - 10 Jun. 1966	1966
19670067128	Standard Agena Program - Load sharing characteristics between IH, IC, ID, and VI cells and capacity testing on IH cells Final report	1966
19670067129	Day-Night Meteorological Camera Subsystem Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670067130	Feasibility trials on board HMCS Bonaventure for reception of automatic picture transmissions from meteorological satellites	1966
19670067131	A two-cubic-meter alga plant at Tihany	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067132	Capture coefficients of carbon dioxide and nitrogen gas on a cryogenic cooled surface	1966
19670067133	Hydrodynamic compressive forging Interim engineering progress report, 21 Dec. 1965 - 21 Mar. 1966	1966
19670067134	Research on high intensity charged particle sources	1966
19670067135	Seismic noise in Norway	1966
19670067136	Investigation of turbulent wake cooling with base ejection at Mach 8 Technical report, 14 Mar. - 23 May 1966	1966
19670067137	8 to 14-micron infrared fiber optics Interim technical report, 17 Jan. - 17 Jul. 1966	1966
19670067138	A mixing length treatment of the effect of turbulence on the wind generation of water waves	1966
19670067139	Minuteman Motor Storage Surveillance Program Final report, 1959 - 30 Jun. 1966	1966
19670067140	List of S and T memoranda with alphabetical list of authors, January 1950 - December 1965	1966
19670067141	Deleted record	1966
19670067142	Investigation of impaction mechanisms of particles on collectors in turbulent flow Quarterly report, 1 Mar. - 31 May 1966	1966
19670067143	Investigation of small d.c. electromagnetic pumps	1966
19670067144	Investigation of high power gaseous electronics Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19670067145	A 94-GHz confocal frequency reference Technical report, Sep. 1965 - Apr. 1966	1966
19670067166	Investigation of spectrum signature of radar set AN/SPS-6C Supplementary report	1966
19670067167	Investigation of Rarefied Gas Flows Status Report, May 1 - Nov. 1, 1966	1966
19670067168	The Study of Detonation Phenomena and Its Possible Relation to Rocket Motor Combustion Instability Status Report No. 11, Aug. 1 - Oct. 31, 1966	1966
19670067169	Study on high-performance insulation thermal design criteria Second quarterly progress report	1966
19670067170	Saturn S-IB stage, stage S-IB-7 Final static test report, Aug. 4 - Sep. 25, 1966	1966
19670067172	Scientific probe definition study	1966
19670067176	Molecular electronics for radar applications, phase II Third interim report, 1 Mar. - 31 May 1966	1966
19670067177	Canadian ionospheric data	1966
19670067178	Stellar Acquisition Feasibility Flights /STAFF/ Program progress report no. 39, 1-31 May 1966	1966
19670067180	Weapon system 133A - M - Mark 1 penetration aids systems	1966
19670067181	A study of power and frequency requirements in bio-telemetry	1966
19670067183	The development of an insulated thermionic converter-heat pipe assembly Fifth quarterly technical report, 16 Mar. 1965 - 15 Mar. 1966	1966
19670067184	Report on service - Life performance evaluation solid propellant cartridges. Talley Industries part numbers 5280-5 and 5290-9, the Boeing Company parts numbers 10-20844-10 and 10-20969-15 Test report, 11-14 Apr. 1966	1966
19670067185	Mobilities and spectra of adsorbed molecules Final report, Sep. 1964 - Mar. 1966	1966
19670067186	Republic 3/4 inch relief valve manufacturers part number 649XB-3-13-T, NASA part number 75M05867, FRV-2 Reliability test report	1966
19670067187	Powertron liquid level detector model number UCP 1025S-8, NASA specification number 75M05867, FLS-1 Reliability test report	1966
19670067188	Lockheed industrial products modified AN FITTINGS Test report	1966
19670067189	Interpretation of ultraviolet imagery of the Meteor Crater, Salton Sea and Arizona sedimentary test sites /mission 18, January 1966/	1966
19670067190	Report of the committee on beryllium metallurgy Progress report no. 7	1966
19670067191	Geological studies of the earth and planetary surfaces of ultraviolet absorption and stimulated luminescence	1966
19670067194	Hydrogen-oxygen reaction studies First quarterly progress report, 8 Feb. - 8 May 1966	1966
19670067196	High pressure adsorption isotherms of neon, hydrogen and helium at 76 deg K	1966
19670067197	Category I and Navy bailment flight test plan	1966
19670067198	Development of utility theory for arms control and disarmament Final report	1966
19670067199	Theoretical Study of the Atomic and Molecular Gases and Their Reactions in the Upper Atmosphere Summary Report, May 1 - Oct. 31, 1966	1966
19670067200	Infrared investigations Status report, Jul. 1 - Sep. 30, 1966	1966
19670067202	Experimental Studies of Reinforcing Brain Stimulation, Including Consideration of Behavioral Consequences Semiannual Status Report, May 1 - Oct. 31, 1966	1966
19670067204	Gimballed Inertial Navigation Systems Annual Report, 1 Nov. 1965 - 31 Oct. 1966	1966
19670067205	Hydrologic interpretation of Nimbus vidicon image - Great Salt Lake, Utah	1966
19670067206	Transient radiation effects on electronics handbook	1966
19670067207	New formulas and auxiliary tables to calculate ephemerides	1966
19670067208	Cardiovascular Adaption During Long-term Weightlessness Semiannual Progress Report, May 1 - Oct. 31, 1966	1966
19670067209	Meteor Research Program Bimonthly Progress Report, Aug. 1 - Sep. 30, 1966	1966
19670067210	Initial pumpdown and leak check of the aerospace environmental chamber /Mark I/	1966
19670067211	Computed high-temperature rate constants for polyatomic combustion products, 1 December 1965 - 20 April 1966	1966
19670067212	A low-noise UHF interferometer	1966
19670067213	Topological simplifications for mechanical vibration analysis	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067214	Radiation effects on batteries - An annotated bibliography	1966
19670067215	Honeycomb ceramic radome techniques	1966
19670067216	The influence of shot-peening and similar surface treatments on the fatigue properties of metals, part I	1966
19670067217	The influence of shot-peening and similar surface treatments on the fatigue properties of metals. Appendix on selected case histories	1966
19670067218	Image intensifier with mosaic collector Interim report, 1 May - 1 Aug. 1966	1966
19670067219	Feasibility of Simulating Thermal Environments for Meaningful Evaluation of Ablating Materials Quarterly Progress Report, Aug. 1 - Oct. 31, 1966	1966
19670067220	Turbine Disk Burst Protection Study Quarterly Status Report, 1 Aug. - 31 Oct. 1966	1966
19670067221	Temperature response and compensation for pressure transducers Quarterly progress report, 23 Jun. - 30 Sep. 1966	1966
19670067223	Heat Transfer and Instability Studies of Two-phase Flow Phenomena Semiannual Progress Report, 1 Mar. - 31 Aug. 1966	1966
19670067225	Reference Wind Measurement Flight Test Description Document	1966
19670067226	Multidisciplinary Research in Space Science and Engineering Annual Progress Report, Sep. 1, 1965 - Aug. 31, 1966	1966
19670067227	Research in fluid mechanics. Experimental and theoretical investigation of boundary layers with large pressure gradients	1966
19670067228	Studies of radiative gas flows	1966
19670067229	Variational solutions to thermal and fluid mechanics problems	1966
19670067230	Radiative flux crossing the air-sea boundary region	1966
19670067231	Study in low Reynolds number hydrodynamics	1966
19670067232	Collision of a gas molecule with a cold crystal surface	1966
19670067233	Kinetic and hydrodynamical approach to dynamical fields with applications to plasma physics	1966
19670067234	Problems in the gravitational stability of large gas clouds	1966
19670067235	Research in solid mechanics. Response of soft filaments when interconnected with beams, plates and shells	1966
19670067236	Dynamic problems of a composite hollow cylinder with elastic and viscoelastic layers	1966
19670067237	Elastic, plastic, and viscoelastic behavior of structures	1966
19670067238	The elasto-plastic response of continuous systems subject to moving forcing functions	1966
19670067239	Optimum problems in space mechanics	1966
19670067240	Forced response of quasi-linear systems	1966
19670067241	Research on the impact of space technology on the community adaptation of space developments in the private sector of industry	1966
19670067242	Space technology and the urban community and related issues	1966
19670067243	Research in space physics. The quantum mechanical many-body problem and astrophysics	1966
19670067244	Multiphoton ionization processes in atoms	1966
19670067245	Solar line-shape and line-shift studies	1966
19670067246	Incentive grants in other areas. Miniaturization and operation of micromanipulators by remote control	1966
19670067247	Genetic changes induced by laser irradiation of Drosophila melanogaster	1966
19670067248	Study of fuel cell electrodes by means of electrode photocurrents	1966
19670067249	Dynamic factors in human perception	1966
19670067250	Bibliography on the Silicon Interface	1966
19670067251	Conduct Research on the Effect of Very Strong Fields and of Magnetic Field-Free Environments on Man and Animals Progress Report, 1 Aug. - 31 Oct. 1966	1966
19670067253	Development of manufacturing methods for producing pyrolytic graphite in various shapes and structures Interim engineering progress report, 1 Apr. - 30 Jun. 1966	1966
19670067254	Cones and tubes	1966
19670067255	Acetylene deposition studies	1966
19670067256	Residual stress predictions	1966
19670067257	The effect of impurities on the boron trichloride catalyzed deposition of pyrolytic graphite	1966
19670067258	Thickness profile control - frustums and rocket nozzles	1966
19670067260	Fire and explosion hazard assessment and prevention techniques for aircraft Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670067262	Open cycle magnetohydrodynamic generator research Quarterly progress report	1966
19670067263	Booster rocket altitude abort program Quarterly progress report, 4 Jan. - 4 Apr. 1966	1966
19670067264	Study of Reignitable Solid Propellant Grains Leading to Extinguishable and Restartable Solid Propellant Rocket Motors Quarterly Progress Report, 1 Oct. 1965 - 1 Jan. 1966	1966
19670067266	Interagency chemical rocket propulsion group. Thermochemistry working group. Proceedings of fourth meeting, volume I	1966
19670067267	Summary of recent thermochemical studies at Argonne National Laboratory /Chemical Engineering Division/	1966
19670067268	The thermochemical study of aluminum borohydride	1966
19670067269	Recent Dow thermal measurements by L. C. Walker, R. A. Mc Donald, G. C. Sinke and B. H. Justice	1966
19670067270	The determination of heats of formation of refractory compounds	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067271	Status of light-element heat-capacity calorimetry at the National Bureau of Standards, a review of the high-temperature thermodynamics of the BeO-H ₂ O system	1966
19670067272	The heats of decomposition of NaC104 and AgC104	1966
19670067273	Heat of formation of hydrazine dperchlorate	1966
19670067274	Generating thermodynamic and chemical data for solids at very high pressures by shock compression methods	1966
19670067275	Transformations in solids at high pressure	1966
19670067276	Solid ammonia at high pressures	1966
19670067277	Thermodynamic properties of /BeC12/2/g/	1966
19670067278	Recent thermochemical studies	1966
19670067279	Mass spectrometric studies of vaporization and molecular structure	1966
19670067280	Some recent matrix isolation studies	1966
19670067281	Microwave spectrum of cesium hydroxide	1966
19670067282	Calculation of high temperature rate constants	1966
19670067283	Report on molecular theory and thermodynamic properties	1966
19670067284	Wave Propagation on Smooth and Periodic Structures and Applications to Antenna Design	1966
19670067286	Research and development of advanced liquid metal regenerator for application to aircraft turbine engines Final report	1966
19670067287	Experimental fire extinguishers with liquid metal-jet fuel fires Final report	1966
19670067288	Design study of a flight weight helical rotor electromagnetic pump	1966
19670067289	A subjective programming algorithm for nonlinear constraints and interrelated alternatives	1966
19670067290	Orbital S-IVB spent stage study Saturn S-IVB stage applications /unpressurized application Saturn IB SA-211/, part II. VOLUME I - Final summary report	1966
19670067291	Orbital S-IVB spent stage study Saturn S-IVB stage applications /unpressurized application Saturn IB SA-211/, part II. VOLUME II - Detailed report	1966
19670067292	An analytical determination of antenna look angles	1966
19670067293	Thermal protection systems for cryogenic propellants on interplanetary space vehicles. Volume II - Five interplanetary vehicles Final report	1966
19670067294	Thermal protection systems for cryogenic propellants on interplanetary space vehicles. Volume III - Analytical methods Final report	1966
19670067295	Thermal protection systems for cryogenic propellants on interplanetary space vehicles. Volume IV - Analytical and experimental study of certain thermal analysis techniques Final report	1966
19670067296	Process and Analyze Space Radiation Data Obtained with APL Radiation Detectors Aboard Various Satellites Including Injun III and 1963-38C/SN/39/ Status Report, 1 Jul. - 30 Sep. 1966	1966
19670067297	Approximation of Lagrange multipliers and determination of optimum earth-to-moon flight paths	1966
19670067298	Investigation of Boundary Layer Transition Progress Report, 1 Jul. - 30 Sep. 1966	1966
19670067300	Turbulent-boundary-layer behaviour and the auxiliary equation	1966
19670067301	A product of spheres piecewise linearly unknots in a sphere	1966
19670067302	A ten-channel fibre optic Fabry-Perot fringe splitter	1966
19670067303	Quarterly bulletin of the Division of Mechanical Engineering and the National Aeronautical Establishment, 1 April - 30 June 1966	1966
19670067304	Tables of derivatives to extend the zero incidence cone tables to intermediate Mach numbers and cone angles	1966
19670067305	A study of polynary uranium Mo-Zr-Nb-V alloys	1966
19670067306	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles /P-115/ Final report, Dec. 6, 1965 - Oct. 7, 1966	1966
19670067307	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles /P-115/ Final report, Dec. 6, 1965 - Oct. 7, 1966	1966
19670067308	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles /P-115/ Final report, Dec. 6, 1965 - Oct. 7, 1966	1966
19670067309	Studies of Improved Saturn V Vehicles and Intermediate Payload Saturn Vehicles (P-115) Final Report, Dec. 6, 1965 - Oct. 7, 1966	1966
19670067310	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles /P-115/ Final report, Dec. 6, 1965 - Oct. 7, 1966	1966
19670067311	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles /P-115/ Final report, Dec. 6, 1965 - Oct. 7, 1966	1966
19670067312	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles /P-115/ Final report, Dec. 6, 1965 - Oct. 7, 1966	1966
19670067313	Appendices to Gravity Gradient Instrument Study Final Report	1966
19670067314	Gravity gradient instrument study Final report	1966
19670067315	The development of prototype instruments to measure the dynamic film thickness, film continuity, and film pressure in journal bearings lubricated with liquid potassium Quarterly progress report, Dec. 1, 1965 - Feb. 28, 1966	1966
19670067317	Conductive coatings for aluminum alloys Literature search	1966
19670067318	Routine ultrasonic testing of forgings	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067319	The theory of stability of the elastic equilibrium	1966
19670067320	Problems and Techniques of Infrared Television	1966
19670067321	Compatibility of materials with liquid oxygen, III	1966
19670067322	Study of methods for improving the performance of the Langley hypersonic nitrogen tunnel Final report	1966
19670067324	The fabrication and characterization of Schottky barrier mixer diodes and integrated mixers for S-, X-, Ku- and K-band Quarterly report, 1 Feb. - 1 May 1966	1966
19670067325	Progress in electrostatic probe measurements in a hypersonic turbulent wake	1966
19670067346	Horizon definition study. Evaluation of several mission approaches for use in defining experimentally the Earth's 15 mu infrared horizon	1966
19670067347	Horizon definition study. Part 1 - Summary	1966
19670067348	Horizon definition study. Evaluation of the Apollo applications program missions for an earth coverage horizon measurement program in the 15 mu infrared spectral region	1966
19670067349	Horizon definition study. Compilation of computer programs for a horizon definition study	1966
19670067350	AS-203 electromagnetic compatibility data	1966
19670067351	Momentum accommodation of argon in the 0.06 to 5 eV range	1966
19670067353	Aircraft fire hazards related to natural electrical phenomena First project report, period ending 31 Oct. 1966	1966
19670067354	Data conditioning and display for Apollo prelaunch checkout Quarterly progress report, 16 Jul. - 15 Oct. 1966	1966
19670067355	Practical applications of electromechanical redundancy for flight control systems Final report, Apr. 1965 - Feb. 1966	1966
19670067356	Regimes of exothermic blunt body flow	1966
19670067357	Optimal control of continuous-time stochastic systems	1966
19670067358	Investigation of the impact resistance of Al3Ni whisker reinforced aluminum prepared by unidirectional solidification Final report, 1 Jul. 1965 - 31 May 1966	1966
19670067359	Properties of titanium and rutile /TiO2/ thin films Technical report, Oct. 1964 - Feb. 1966	1966
19670067360	Results of the third Saturn IB launch vehicle test flight AS-202, volume I	1966
19670067361	A study of electrode effects in crossed field accelerators Ninth quarter report, 1 Aug. - 31 Oct. 1966	1966
19670067363	Digital cryogenic thermometer Quarterly progress report, 13 Jun. - 31 Sep. 1966	1966
19670067364	Early assessment of the seriousness of lung contamination by insoluble alpha and low energy beta emitting materials after inhalation exposure	1966
19670067365	The effect of prior cold work and heat treatment on the tensile ductility of neutron- irradiated 20 percent Cr 25 percent Ni-Nb steel	1966
19670067379	Large booster nozzle reuse study Final report	1966
19670067380	Mathematical studies of composite materials III, June 1, 1964 - 15 October, 1965	1966
19670067381	Pure torsion of an infinite solid containing two rigid spherical inclusions	1966
19670067382	Axisymmetric contact stresses about a smooth elastic sphere in an infinite elastic solid stressed uniformly at infinity	1966
19670067383	Transverse shear loading in an elastic matrix containing two elastic circular cylindrical inclusions	1966
19670067384	The displacement field in an infinite elastic solid which contains a triply periodic rectangular array of rigid spherical inclusions	1966
19670067385	A numerical method for the conformal mapping of finite doubly connected regions	1966
19670067386	Inhomogeneous field distribution in homogeneous semiconductor having an N-shaped negative differential conductivity Technical report no. 9	1966
19670067387	Static stability of the A/B 45Y-4 spray tank with modified fins Final report	1966
19670067388	Force tests on a separable-nose crew escape capsule in proximity to the parent fuselage at Mach numbers 1.5 through 4.5	1966
19670067389	Estimating reliability after corrective action - A Bayesian viewpoint	1966
19670067390	The growth of single crystals of doped and undoped yttria and yttrium aluminate in a hollow cathode zone refiner Second quarterly progress report	1966
19670067392	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19670067393	Investigation of the boron phosphide system Interim engineering report, 1 Apr. - 30 Jun. 1966	1966
19670067394	Scanning techniques for light modulation recording Final report, 1 May 1965 - 1 May 1966	1966
19670067395	On improvement of techniques for the derivation of vibration test specifications Summary report, 17 Apr. 1965 - 17 Apr. 1966	1966
19670067396	Long range seismic measurements. CHARTREUSE, 6 May 1966	1966
19670067397	Deep-well research Quarterly report no. 4, 1 Apr. - 30 Jun. 1966	1966
19670067398	Hypervelocity range program /HYRAP II/ SECOND technical progress report, 1 Jan. - 30 Apr. 1966	1966
19670067399	Physical vapor deposition	1966
19670067400	Results of pressurization on LN2 facility	1966
19670067401	New compounds of transition metals Final technical status report, 1 Nov. 1964 - 31 Oct. 1965	1966
19670067402	Research on the synthesis of phenylene-R polymers Summary technical report, 1 Apr. 1965 - 29 Feb. 1966	1966
19670067403	Reflection coefficient from an inhomogeneous plasma - A two-layer model	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067405	Antenna pattern measurements	1966
19670067406	Futurecraft Corporation 3/8 inch solenoid valve P/N 200 145 3000 PSIG SERVICE	1966
19670067407	Parker Aircraft Company 4 inch cryogenic shutoff valve, manufacturer's part number F913-1, NASA part number 75M1358 Rev. A /LSOV-4/ Test report	1966
19670067408	Combustion instability in liquid propellant rocket engines - Bi-propellant spray combustion	1966
19670067409	Study of effect of high-intensity pulsed nuclear radiation on electronic parts and materials /SCORRE/ Quarterly report, 15 Jan. - 15 Apr. 1966	1966
19670067410	Error probability in energy detection of Gaussian signals through RC filters Progress report, Jul. - Dec. 1965	1966
19670067412	Differential thermal analysis of nitramines and guanidine derivatives	1966
19670067413	Network performance analysis for the Gemini GT-7 and GT-76 missions	1966
19670067414	AS-205 preliminary L/V operational trajectory and guidance presettings	1966
19670067415	Feasibility study of large space erectable antenna. Mid-term presentation	1966
19670067416	A Superconducting Bolometer Semiannual Status Report, Period Ending 31 Oct. 1966	1966
19670067418	Test site number 11, Yellowstone National Park Quarterly report	1966
19670067419	Catalog of launch vehicle tests Saturn V Apollo/Saturn 502, volume 1	1966
19670067420	Investigation of Material Release and Electric Current Emission from Electrodes, Particular in High Vacuum Semiannual Status Report	1966
19670067421	Matrix analysis methods for anisotropic inelastic structures Final technical report, Jan. - Oct. 1965	1966
19670067422	Results of ramjet facility model tests at Mach 11	1966
19670067423	Transmission electron microscopic study of precipitation in a titanium-copper alloy, October 1964 - March 1966	1966
19670067424	Direct digital filters for general purpose use Final report, 1964-1966	1966
19670067425	Visco-plastic flow of a thin circular plate	1966
19670067429	Fischer and Porter Company purge meter with valve manufacturer's part number 10A3665 NASA specification A75M05752, Rev. D, HGLV-17 Test report	1966
19670067430	Data conditioning and display for Apollo prelaunch checkout - Servo response display technique	1966
19670067431	Development of a bipropellant vortex combustor and valve assembly Final report	1966
19670067432	Nimbus refurbishment program Evaluation report	1966
19670067433	Planetary meteorology Quarterly progress report, 20 Jun. - 19 Sep. 1966	1966
19670067434	Anderson, Greenwood and Company relief valve manufacturer's part number 2-8038-3 NASA PART number B75M08415-3 Rev. B Test report	1966
19670067435	Analysis of Marotta MV123 solenoid valve seats	1966
19670067436	Effect of irradiation on steels used in prestressed concrete pressure vessels	1966
19670067437	Investigation of the different states of the system /ion plus electron/	1966
19670067439	Photodisintegration of the deuteron by polarized gamma rays	1966
19670067440	Performance evaluation methods for liquid propellant rocket thrust chambers Final report, 12 May - 31 Oct. 1966	1966
19670067441	The accumulation of energetic ions in a mirror machine by resonant non-adiabatic trapping	1966
19670067442	Peak shapes in mass spectrometers	1966
19670067443	A quantized Eddyfax technique applied to the inspection of reactor-grade graphite	1966
19670067444	ISIS-A command receiver Qualification test report	1966
19670067445	A-OGO horizon sensor system prototype unit design Reliability analysis report	1966
19670067446	Sigma-netics Incorporated 1/4 inch pressure switch P/N 704003 150-450 PSIG adjustable 6,000 PSIG service	1966
19670067447	Improvement of efficiency and life of expulsion bladders Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670067448	James Pond and Clark Company check valves manufacturer's part numbers 279T-12TT 279T-16TT NASA part numbers 75M00696, 75M00189	1966
19670067450	Bubble point test evaluation Bendix filter division, filter element manufacturer's part number 047313, 047314, and 047316 NASA part number B-10434444-2, -6, -10 Test report	1966
19670067451	Parker Aircraft Corporation 1/4 inch solenoid valve P/N 1354 643056 6,000 PSIG	1966
19670067452	Robertshaw Controls Company 1/4 inch pressure gages P/N 767-BC P/N T21-767-BC 0-10,000 PSIG service	1966
19670067453	LEM Purge Panel test	1966
19670067454	Sage Engineering and Valve Co. 1 inch check valve P/N 1-9085 6,000 PSIG service	1966
19670067455	Design criteria for typical Mars landing capsules requiring sterilization Third quarterly progress report	1966
19670067458	Gray Tool Company 3 inch XXS flexible joint assembly P/N I-0335 6,000 PSIG SERVICE	1966
19670067459	Futurecraft Corporation 3/8 inch solenoid valve P/N 201K6A-B-1 6,000 PSIG	1966
19670067460	A feasibility study of an experiment for determining the properties of the Mars atmosphere. Volume VI - Venus probe analysis and design Final report	1966
19670067461	Preliminary AC-9 Atlas-Centaur flight evaluation /launched 10-26-66/	1966
19670067462	Theoretical and experimental investigations on reactivity changes of a reactor, due to xenon poisoning	1966
19670067463	Radial spread of fire from a burning channel following a depressurisation accident in a stage I reactor	1966
19670067465	Pegasus-C coupon retrieval procedures and techniques Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067467	EFCO Hydraulics Incorporated 1/2 inch manual ball valve P/N-22M-6050-316-T-MC240 6,000 PSIG service	1966
19670067469	Study of trajectories and upper-stage propulsion requirements for exploration of the solar system Final summary report	1966
19670067470	Design Considerations of Reusable Launch Vehicles. Volume V - Launch Vehicle Cost Program. Book 1 - Cost Program Formulation Final Report	1966
19670067471	Study of trajectories and upper stage propulsion requirements for exploration of the solar system Final report	1966
19670067473	Accessory Products Company 1/4 inch manual regulator P/N 1341X3T 10,000/0-200 PSIG SERVICE	1966
19670067474	EFCO Hydraulics, Inc. 1 inch manual ball valve P/N-22M-6100-316-T-MC240 6,000 PSIG SERVICE	1966
19670067476	Design Considerations of Reusable Launch Vehicles. Volume IV - Maneuverable Class Vehicles, Book 1 Final Report	1966
19670067478	Design considerations of reusable launch vehicles. Volume I - Condensed summary Final report	1966
19670067479	Design Considerations of Reusable Launch Vehicles. Volume II - Summary Final Report	1966
19670067480	Design Considerations of Reusable Launch Vehicles. Volume V - Launch Vehicle Cost Program Book 2 - Machine Program Description Final Report	1966
19670067482	Nuclear physics division Progress report, 1 Nov. 1965 - 30 Apr. 1966	1966
19670067483	Low thrust quasi-steady guidance studies Final report	1966
19670067489	A Study of Temporal Factors Controlling Animal Activity, Including Consideration of the Extent to which Natural Rhythms May Be Changed Status Report, 1 May - 1 Dec. 1966	1966
19670067490	Study of Low Cycle Fatigue Under Multiaxial Strain Cycling Annual Report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670067491	Space Related Research in Selected Fields of Physics and Astronomy, Including Cosmic Rays, Interplanetary Magnetic Fields, Solar Physics, and Theoretical Astrophysics Semiannual Report, 1 Apr. - 30 Sep. 1966	1966
19670067492	Experimental and Theoretical Investigation of the Rheological Properties of Materials and a Visual Study of the Flow in the Sublayer of Drag Reducing Fluids Progress Report, 1 Apr. - 30 Sep. 1966	1966
19670067493	Selected Studies in Exobiology, Planetary Environments, and Problems Related to the Origin of Life Semiannual Progress Report, 1 Apr. - 30 Sep. 1966	1966
19670067494	Ground Data Support for Geological Test Sites Semiannual Progress Report, Jun. 10 - Nov. 28, 1966	1966
19670067496	Application of lumped model techniques to a diffusion transistor under large signal transient conditions	1966
19670067497	CO ₂ -fixation by KnaIlgas bacteria. III - Autotrophic and organotrophic CO ₂ - FIXATION	1966
19670067498	Effect of the intensity of muscular work on diuresis, albuminuria, and cylindruria	1966
19670067499	Measurement of trigonal field splitting of Fe ²⁺ / in GeFe ₂ O ₄ by the Moessbauer effect	1966
19670067500	Evaluation of composite materials for gas turbine engines Technical report, 1 Apr. 1965 - 31 Mar. 1966	1966
19670067501	Forecasting the onset of widespread rain during the Southeast Asia summer monsoon	1966
19670067502	Investigations on excitation and propagation in ionized media Final report, Jun. 1964 - Oct. 1965	1966
19670067503	Production tool for diffusion bonding Interim engineering progress report, 1 May - 31 Jul. 1966	1966
19670067504	The theoretical strength of titanium calculated from the cohesive energy	1966
19670067505	Very high temperature coatings for tantalum alloys Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19670067519	Oxidation of ethyl Michler's ketone oxime Quarterly progress report, Oct. - Dec. 1965	1966
19670067520	X-22A - Tri-service V/STOL research aircraft Progress report no. 40, 1-31 Mar. 1966	1966
19670067521	A stellar attitude-measuring system. Volume 1 - Text Final report	1966
19670067522	A stellar attitude-measuring system. Volume 2 - Appendices A and B Final report	1966
19670067523	A stellar attitude-measuring system. Volume 3 - Appendices C and D Final report	1966
19670067524	Heat Transfer to a Gas Containing a Cloud of Particles Semiannual Status Report No. 9	1966
19670067525	Acoustic noise rejection and absorption techniques Final report, Mar. 1965 - Jul. 1966	1966
19670067526	MLV Saturn IB vehicles improvement studies Summary report	1966
19670067527	MLV Saturn IB Improvement Studies, Saturn IB-16 Vehicle	1966
19670067528	MLV Saturn IB improvement studies, Saturn IB-16 vehicle Research and Technology Report	1966
19670067529	Trapped particle studies Status report, 1 Apr. - 30 Jun. 1966	1966
19670067530	Gravitational and Resonance Experiments on Very Low-energy Free Electrons and Positrons Progress Report, 1 Apr. - 1 Dec. 1966	1966
19670067531	Theoretical and Experimental Studies of the Dynamics of Reacting and Charged Particles in Solid Propellant Rocket Motor Nozzles Semiannual Status Report, 1 Jun. - 30 Nov. 1966	1966
19670067532	Thermal protection systems for cryogenic propellants on interplanetary space vehicles. Volume I - Summary Final report	1966
19670067534	Inverters for motors study program Quarterly progress report, Jun. - 10 Sep. 1966	1966
19670067535	Determination of Minimum Concentrations of Environmental Water Capable of Supporting Life Semiannual Report, 1 May - 31 Oct. 1966	1966
19670067536	Utilization of Habrobracon and Artemia as Experimental Materials in Bioastronautic Studies Status Report, Jul. - Dec. 1966	1966
19670067537	Cryogenic insulation development Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670067538	Protozoan Response to "null" Magnetic Fields Quarterly Report, 1 Aug. - 31 Oct. 1966	1966
19670067539	Aerodynamic force and moment characteristics of a four-bladed propeller yawed through 120 degrees	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067542	Development of high performance porous tungsten ionizers, phase 1 Interim engineering progress report, Jun. - Aug. 1966	1966
19670067543	Constant velocity, alkali metal MHD generator with condensing vapor in quasi-equilibrium with condensate	1966
19670067544	An alpha particle transmission technique to measure densities of rare planetary atmospheres	1966
19670067546	Performance potential of hydrogen fueled, airbreathing cruise aircraft, volume 2A. Phase I - Propulsion studies /U/ Final report	1966
19670067547	Performance Potential of Hydrogen Fueled, Airbreathing Cruise Aircraft, Volume 3. Phase II - Studies /U/ Final Report	1966
19670067548	Performance Potential of Hydrogen Fueled, Airbreathing Cruise Aircraft. Volume 4 - Final Studies /U/ Final Report	1966
19670067551	Effects of Vehicle Geometry on the Transonic Aerodynamic Characteristics of a Simulated Launch Vehicle with Low Upper-Stage Fineness Ratio /U/	1966
19670067554	F-1 Engine System /U/ Bimonthly Progress Letter, 1 Apr. - 31 May 1966	1966
19670067555	F-1 engine flight rating test program, 1,500,000-pound thrust /U/ Final report	1966
19670067556	F-1 Engine System /U/ Bimonthly Progress Letter, 1 Jun. - 31 Jul. 1966	1966
19670067566	On a precise method of locating photoelectrically the interference fringes of two waves	1966
19670067567	An experimental study of the behavior of large negative ions Technical report, 15 Jun. 1965 - 15 Jun. 1966	1966
19670067568	Calculations of ion pulse dimensions	1966
19670067569	Influence of statistical time lags upon electric breakdown in electronegative gases	1966
19670067570	Influence of electrode configuration upon electric breakdown in electronegative gases	1966
19670067572	A research program on solid propellant physical behavior Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19670067573	Behavior of polymeric and composite systems	1966
19670067574	Failure criteria	1966
19670067575	Standardized materials characterization	1966
19670067578	A spray or brush anodizing process for aluminum alloys Final report	1966
19670067579	The spray anodizing system	1966
19670067580	The spray anodizing process Six-month progress report	1966
19670067581	Spray anodizer operation and instruction manual	1966
19670067582	Thermal battery Quarterly technical progress report, 1 Jul. - 30 Sep. 1966	1966
19670067583	Mars flyby and landing spacecraft design study	1966
19670067584	An investigation of a detector cell for star pattern sensing from a spin stabilized spacecraft Final report, 30 Nov. 1965 - 28 Feb. 1966	1966
19670067585	Results of simulated altitude testing of the Bell model 8258 LEM ascent liquid-propellant rocket engine. Phase II - Start transient investigation Technical report, 10 Jan. - 10 Feb. 1966	1966
19670067586	Epitaxial growth of ferrimagnetic garnets Quarterly technical report	1966
19670067587	Environmental temperature effects on infrared detectors at room temperature	1966
19670067588	Current developments in the study of gas-surface interactions	1966
19670067589	Development of extruding, drawing, and heat treating processes for thin steel extrusions Interim engineering progress report no. 5, 1 Jul. - 30 Sep. 1966	1966
19670067590	Stratospheric heating rates	1966
19670067591	Aerodynamic forces on the SNAP-19 fuel capsule and Nimbus B solar panel at a simulated high altitude	1966
19670067592	Study and investigation of a UHF-VHF antenna Quarterly report, 1 May - 31 Jul. 1966	1966
19670067593	Fundamental studies in electrochemistry Quarterly progress report, 15 Mar. - 14 Jun. 1966	1966
19670067594	Experiments on X-ray protection Final technical report	1966
19670067595	A study of the electronic configuration and behavior of the minusNF ₂ group Quarterly report, 1 Jun. - 31 Aug. 1966	1966
19670067596	A computational model of the geomagnetic field Technical report, 1 Jan. - 1 Jul. 1966	1966
19670067597	Guidance program validation	1966
19670067598	Meteorological rocket network firings. Volume LIII - January 1966 firings Data report	1966
19670067599	Isotope effects in the 77 deg K gamma- irradiation of ice, 1 October 1965 - 5 August 1966	1966
19670067600	Fading and multipath considerations in aircraft/satellite communications systems, 1 July 1965 - 1 May 1966	1966
19670067601	Determination of the acoustic characteristics of a liquid-handling pump Final report	1966
19670067602	Studies of infrared image converter /solid state type and vacuum type/ Final report, 19 Jun. 1965 - 18 Jun. 1966	1966
19670067603	Initial results of the Air Force space navigation experiment on Gemini /program 631A, experiment D-9 GT-4 flight/ Technical report, Dec. 1963 - Jun. 1965	1966
19670067604	Full-scale pattern measurements of simple HF FIELD antennas	1966
19670067605	A comparison using, C' criterion, of linear, nonlinear and blend feedback in a normal acceleration controller	1966
19670067606	The EOLE /Aeolus/ program of meteorological studies. Space meteorology in France. The center for space meteorology studies. A common time is defined for three ground stations of the CNES network. Meeting of the ministers of the CECLES-ELDO countries	1966
19670067607	Emission and absorption of radiation by a hot plasma in a magnetic field Technical report, 15 Jun. 1963 - 4 Jan. 1966	1966
19670067608	Study of mesoscale flows Final report, Nov. 1964 - May 1966	1966
19670067609	Design of signals to achieve minimum amplitude variations	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067610	Some relationships between conceptual complexity and mental abilities	1966
19670067611	Some statistical considerations in multidimensional scaling	1966
19670067612	A scaling study of synesthetic thinking	1966
19670067613	Cyclization of dienes during the free radical addition of small molecules Final report, 30 Jun. 1964 - 29 Jun. 1966	1966
19670067614	Hypersonic viscous flow past a flat delta wing at moderate angle of attack Technical report, Apr. 1965 - Jul. 1966	1966
19670067616	Study and demonstration of paper phenolic components Quarterly report no. 1, May 1 - Aug. 31, 1966	1966
19670067617	A study of failure mechanisms in silicon planar epitaxial transistors Interim engineering progress report, 1 Dec. 1965 - 31 May 1966	1966
19670067618	Some electromagnetic research and development in West Germany	1966
19670067619	Feasibility study on the use of open-wire transmission lines, capacitors, and cavities to measure the electrical properties of vegetation Special technical report no. 13	1966
19670067621	A study of the embrittling characteristics of "dalic" cadmium plating	1966
19670067622	Study of the effects of oxygen tension on osteogenesis Final technical report, Feb. 1965 - Jan. 1966	1966
19670067623	Strength of some fine size zirconia and alumina filaments	1966
19670067624	A comparison of the accuracy of the Central Analysis Office and the USWB NWP BAROCLINIC 36-hour prognostic 500-mb charts	1966
19670067625	Process development for precision radial forging integral turbine wheels Fourth interim technical progress report, 15 Jun. - 15 Sep. 1966	1966
19670067626	The optimal control of linear distributed parameter systems	1966
19670067627	Electromagnetic wave transmission through a parabolic plasma slab at arbitrary angles of incidence Technical report, Oct. 1965 - May 1966	1966
19670067628	Development of an all-fluid pneumatic pressure regulator Technical documentary report, Feb. 1965 - Jun. 1966	1966
19670067629	Investigation of the structure of ceramics for electronic application Progress report, Apr. 1 - Jun. 30, 1966	1966
19670067630	High-power hybrid multiple-beam klystron for phased arrays Third quarterly progress report, 15 Mar. - 15 Jun. 1966	1966
19670067631	Development on high temperature insulation materials Progress report, Jul. 1 - Sep. 1, 1966	1966
19670067632	Hypersonic laminar boundary layer transition on 8-foot-long 10 deg cone M1 equals 9.1 to 16	1966
19670067633	Simulated laboratory to ORBIS low experiment, program 624 A	1966
19670067634	Operational meteorological support to U. S. Army RDT&E activities, fiscal year 1966 Annual report	1966
19670067635	Semiconductor microwave delay line Interim report, Oct. 1, 1962 - Jun. 30, 1966	1966
19670067636	Collection and analysis of seismic wave propagation data. Supplement 3 - Scattering of elastic plane waves by an elliptical inclusion or cavity	1966
19670067637	Oceanographic interpretation of two Gemini V photographs Informal manuscript	1966
19670067638	Optimization and evaluation of high- temperature structural adhesives	1966
19670067639	Electro-spark extruding Interim progress report no. 8, 1 May - 31 Aug. 1966	1966
19670067640	Feasibility of linear polarization measurements for detecting and measuring seismic body waves	1966
19670067642	The gaseous environment and temperature regulation Annual progress report, Sep. 1, 1965 - Aug. 31, 1966	1966
19670067643	Investigation of pre-detection filtering techniques Final report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670067644	Infrared detectors and detector material Interim report, Jul. 1 - Aug. 1966	1966
19670067645	Effects of reactor radiation and test temperature on the wear life of four solid- film lubricants suitable for aerospace applications Technical report, 1 Oct. 1964 - Feb. 1966	1966
19670067646	SLASH-3	1966
19670067647	Communications applications of cryogenic techniques - The cryogenic diplexer Final report, Mar. 1965 - Apr. 1966	1966
19670067648	A study of perceptual recognition in two sense modalities	1966
19670067649	Advanced thin-film solar cells Quarterly technical report, 1 Jun. - 31 Aug. 1966	1966
19670067650	Construction and optimized use of pyroelectric detection devices Interim report	1966
19670067651	Research and development of localized defects and hot spots in high voltage pnpn inverter switches Quarterly progress report, 1 Jun. - 1 Sep. 1966	1966
19670067652	Electrode separation investigation for a silver-oxide zinc battery Summary report no. 1	1966
19670067653	The propagation of shock waves in nonlinear viscoelastic materials Interim technical report	1966
19670067654	Investigation of hermetically sealed, high rate, maintenance-free, nickel-cadmium batteries for aircraft application Final technical report, Jul. 1964 - Jun. 1966	1966
19670067655	A similarity law for the scattering of plane waves by a cylinder having complex surface impedance	1966
19670067656	Semi-annual progress report, 1 January 1966 to 30 June 1966	1966
19670067657	Signal-to-noise ratio improvement by time- shifting and summing LASA seismograms	1966
19670067658	Explosions due to pressurized spheres at the ocean surface	1966
19670067659	Intense explosions at the ocean surface	1966
19670067660	Effect of technological parameters on the properties of oxide layers on aluminum	1966
19670067661	Effects of additives on the combustion of hydrazine First quarterly report, 2 May - 2 Aug. 1966	1966
19670067663	An investigation of two semi-linear problems of optimum control	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067664	Scattering of a laser beam by a hot electron plasma Technical report, 15 Jun. 1963 - 4 Jan. 1966	1966
19670067665	Dynastatic inertial sensor research Final report	1966
19670067666	Frequency converter units for Ku-band to Ka-band operation Interim development report, 1 Jun. - 31 Aug. 1966	1966
19670067667	SATS subgrade barrier material Interim report	1966
19670067668	Development of equipment for automatic narrow-gap welding for shipyard use Quarterly report, 1 Jun. - 9 Sep. 1966	1966
19670067669	Simulated laboratory to OV-4 experiment Interface design requirements document	1966
19670067670	The fabrication and characterization of Schottky barrier mixer diodes and integrated mixers for S-band, X-band, Ku-band, and K-band Quarterly report, 1 May - 1 Aug. 1966	1966
19670067671	Sea level water ingestion testing of a Pratt and Whitney Aircraft J60-P-3A engine Final report	1966
19670067672	Design calculations on proven trainer and fighter aircraft for the verification of a gust design procedure Final report, Apr. 1965 - Apr. 1966	1966
19670067673	Development of active readout capability for AN/UPA-24 decoder group. Final report	1966
19670067674	Ferromagnetic thin films for adaptive weights	1966
19670067675	Fatigue phenomena and their interpretation, July 1965 - January 1966	1966
19670067676	Flow field studies of ballistic bodies	1966
19670067677	Investigation of reliability testing and prediction techniques for integrated circuits Interim technical report, 20 Oct. 1965 - 19 Apr. 1966	1966
19670067678	Development of a 50 KVA model SNAP-50/SPUR INDUCTOR generator Technical documentary report, Sep. 1962 - May 1965	1966
19670067679	Individual respiratory protection against chemical and biological agents Quarterly progress report, Jan. - Mar. 1966	1966
19670067680	Infrared modulator utilizing free carrier absorption for CO2 laser Interim technical report, 15 Jun. - 15 Sep. 1966	1966
19670067681	An investigation of methods of improving the intelligibility of audio frequency speech in noise	1966
19670067682	An investigation of the parameters affecting microwave breakdown in the upper atmosphere	1966
19670067683	Effects of adsorption on hardness and the mobility of near-surface dislocations in non- metals	1966
19670067684	Hybrid associative computer study. Volume II - Appendixes Final report, Oct. 1964 - Nov. 1965	1966
19670067685	Compressive strength behavior of a fine- grained graphite as a function of specimen geometry and loading rate	1966
19670067686	Trace orbit determination program version D Technical report, 1 Nov. 1964 - 1 Mar. 1966	1966
19670067687	Activities of the GIMRADA Field Office Triannual report, 1 Jan. - 30 Apr. 1966	1966
19670067688	Continuous color processing techniques. Volume I - Evaluation of the Eastman Kodak Ektachrome RT Processor Model 1411-M	1966
19670067689	The calibration of military cartographic cameras	1966
19670067690	Solid state diffusion bonded tantalum honeycomb panels Interim engineering progress report no. 5, 1 Jun. - 31 Aug. 1966	1966
19670067691	Self Q-switched laser material Interim report, 1 Feb. - 1 Aug. 1966	1966
19670067692	Investigations on alkaline earth azides Final technical report, 1 May 1965 - 30 Apr. 1966	1966
19670067693	Evaluation of solid propellant rocket motor nozzles and cases Final summary report, 22 Jun. 1962 - 30 Jun. 1966	1966
19670067694	Qualification tests of active and passive dosimeters for Apollo Research report, 21 Apr. - 8 Jun. 1966	1966
19670067695	J52-P-6A engine sea-level performance re- evaluation Final technical report	1966
19670067696	Study of the estimation of certain trace impurities by fluorimetric methods Final technical report, 1 May 1965 - 30 Apr. 1966	1966
19670067697	Imbided emulsion processing techniques Final report, 1 May 1965 - 15 Jun. 1966	1966
19670067698	Services to design and demonstrate criteria for space vehicle destruct systems Final report	1966
19670067699	Surface treatments for fibrous carbon reinforcements Technical report, Jul. 1965 - Apr. 1966	1966
19670067700	International Symposium on the Cell Nucleus - Metabolism and Radio sensitivity	1966
19670067701	Calibration of the Air Force Aero Propulsion Laboratory 120-inch hypersonic shock tunnel for 1.0-inch diameter nozzle throat Final report, Jan. 1964 - Feb. 1966	1966
19670067704	Research and development on fuel cell systems Final report, Aug. 1964 - Mar. 1966	1966
19670067705	Radiation Damage to Semiconductors by High Energy Electrons Progress Report, 15 Mar. - 15 Oct. 1966	1966
19670067707	Evaluation of the stress corrosion susceptibility of titanium sheet alloys coated with high temperature sealants Quarterly progress report, 1 May - 1 Aug. 1966	1966
19670067708	Canadian ionospheric data, St. John's, May 1966	1966
19670067709	Canadian ionospheric data, Churchill, May 1966	1966
19670067710	Theoretical study in mathematics on homotopy and cohomology Final technical report, 1 Jun. 1965 - 31 May 1966	1966
19670067711	Canadian ionospheric data, St. John's, June 1966	1966
19670067712	Canadian ionospheric data, Ottawa, June 1966	1966
19670067713	Canadian ionospheric data, Churchill, June 1966	1966
19670067714	History of Gemini/Titan Launch Vehicle-10 at ETR	1966
19670067715	XC-142A VTOL transport program Monthly progress report, Apr. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067716	Analysis, criteria development, and design of an orbital condensing heat transfer experiment Quarterly progress report, 5 Jul. - 5 Oct. 1966	1966
19670067717	Theoretical study of size scaling in cratering resulting from hypervelocity impact Final report	1966
19670067718	Preliminary studies of soil patterns observed in radar images, Bishop Area, California	1966
19670067719	Radar images - Meteor Crater, Arizona	1966
19670067720	Multi-Spectral Tracking Telescope for the Apollo Applications Program Progress Report, 1 Sep. - 1 Dec. 1966	1966
19670067721	Fuel cell reliability assessment Quarterly progress report, 8 Apr. - 8 Jul. 1966	1966
19670067722	Feasibility study of large space erectable antennas Monthly progress report, 5 Nov. - 5 Dec. 1966	1966
19670067723	Selected Studies of Molecular Organization and Mental Function Third Annual Status Report, 1 Aug. 1965 - 31 Jul. 1966	1966
19670067724	The basal plane thermal conductivity of graphite and the velocity of out-of-plane waves	1966
19670067725	Iodine removal by a scale model of the S.G.H.W. reactor vented steam suppression system	1966
19670067726	Saturn IB mission plan and technical checklist	1966
19670067732	The wetting behavior of some alloys based on iron, nickel and chromium in liquid sodium	1966
19670067733	Study of GSFC Radio Frequency Interference /RFI/ design guideline for aerospace communications systems Interim report, 1 Oct. 1965 - 30 Apr. 1966	1966
19670067734	The transfer of data punched on 35 mm film to storage on punched paper tape	1966
19670067736	Study of droplet effects on steady-state combustion. Volume I - Measured spray parameter analysis and performance correlation Final report, 1 Jul. 1965 - 31 Mar. 1966	1966
19670067738	Manufacturing methods for phase shifters Interim engineering progress report, 1 May - 31 Jul. 1966	1966
19670067739	Manufacturing methods for high temperature coating of large columbium parts Interim progress report, 1 Jun. - 31 Aug. 1966	1966
19670067740	Weapon system 133A. Program progress production motors stage I Minuteman Contract status report, 1 Apr. - 30 Jun. 1966	1966
19670067742	X-22A tri-service V/STOL aircraft Monthly progress report, May 1-31, 1966	1966
19670067743	Isotope effects in the 77 deg K gamma-irradiation of ice	1966
19670067744	High-power hybrid multiple-beam klystron for phased arrays Quarterly progress report, 15 Dec. 1965 - 15 Mar. 1966	1966
19670067745	Plane wave propagation at arbitrary angles of incidence in inhomogeneous, lossy plasmas and prediction of antenna radiation patterns	1966
19670067746	Engineering study and application of new industrial processes for forming cannon components	1966
19670067747	History, organization, administrative procedures, reports of the Materials Advisory Board Annual report	1966
19670067748	Plasmadine	1966
19670067749	Study of magnetic-optical effects in electronic and magnetic materials	1966
19670067751	Theoretical performance of selected rocket propellants, volume III	1966
19670067753	USAF guide to parasitic armor installation Technical report, 15 Jun. - 1 Sep. 1966	1966
19670067754	On-axis power density in the Fresnel and Fraunhofer regions of large aperture circular antennas	1966
19670067755	Nike-Apache STV /SR-036/, 30 August 1966 Meteorological data report	1966
19670067756	Molecular spectral line broadening study. Volume II - Simultaneous action of resonance and Van der Waals forces. Potential shape and line broadening. Linewidths of vibration-rotation lines of the NO beta, gamma, delta, and epsilon bands in air Technical report, Jun. 1965 - Jan. 1966	1966
19670067757	Monopulse scalar feed techniques Quarterly interim report no. 1, Feb. - Apr. 1966	1966
19670067758	Microminiaturization of the AN/TTC-19 ELECTRONIC switchboard Final report, 1 Oct. 1964 - 30 Jun. 1965	1966
19670067759	Thin film photovoltaic cell array investigation Quarterly technical report, 1 Jun. - 31 Aug. 1966	1966
19670067760	Advanced isolated transistor structures for microelectronics applications Technical report, 15 Mar. 1965 - 1 Feb. 1966	1966
19670067762	Severity of natural flaws as fracture origins and a study of the surface-cracked specimen Final report, Apr. 1, 1965 - May 31, 1966	1966
19670067763	Projects dealing with advanced electron device technology Status report no. 93	1966
19670067764	Effects of a uniform load moving superseismically along a cylindrical bore hole in a sand. Part II - Experimental results	1966
19670067765	Gas tungsten-arc /TIG/ welding Interim engineering progress report, 1 Jun. - 31 Aug. 1966	1966
19670067766	Utilization of elastic recovery materials for the development of crew transfer tunnels, airlocks, and space maintenance hangars. Part I - Space maintenance hangar design study Final report, May - Oct. 1965	1966
19670067767	Utilization of elastic recovery materials for the development of crew transfer tunnels, airlocks, and space maintenance hangars. Part II - Expandable modular crew transfer tunnel design, fabrication, and testing Final report, Nov. 1964 - Jun. 1966	1966
19670067768	The use of meteorological satellite photographs for the measurement of sea state Final report	1966
19670067769	XB-70A fuel subsystem Summary test report, 21 Sep. 1964 - 6 Aug. 1966	1966
19670067770	Lattice vacancies and vacancy-impurity atom interaction in noble metals and their alloys Final technical report, 1 Jun. 1965 - 31 May 1966	1966
19670067771	Low power proportional control crystal ovens type M6 and N13 Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670067772	Meteorological support for NARF reactor operations Technical report, 1 Oct. 1964 - 30 Sep. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067773	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report no. VI, 1 Jun. - 31 Aug. 1966	1966
19670067774	Lithium anode limited cycle battery investigation Quarterly technical progress report	1966
19670067775	X-band high power CW amplifier and amplifier console Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19670067776	Mach number 3 to 8 calibrations of a 30-deg conical probe	1966
19670067777	Multi-parametric theory of spheroidal equilibrium figures and the normal-spheroids of earth and moon Final technical report	1966
19670067780	Nike-Apache STV /SR-034/ /28 July 1966/ Meteorological data report	1966
19670067781	Ferroelectric parametric amplifiers Technical report, Apr. 1959 - Feb. 1963	1966
19670067783	The turbulence and terrain environments affecting low-altitude, high-speed flight	1966
19670067784	Nike-Apaches ERDA 66-24, ERDA 66-25, and ERDA 66-26 /6 August 1966/ Meteorological data report	1966
19670067785	Nike-Apache DRS NASA 14.170 UA /15 August 1966/ Meteorological data report	1966
19670067786	Nike-Apache ERDA 66-22 and ERDA 66-23 /1 August 1966/ Meteorological data report	1966
19670067787	Microcirculatory behavior under the influence of electromagnetic and corpuscular radiations for the purpose of understanding the mechanism of intravasal clotting Final technical report, 1 Feb. 1964 - 31 Jan. 1965	1966
19670067788	Microwave transistors Quarterly report no. 4, 1 Mar. - 31 May 1966	1966
19670067789	Tantalum alloy ingot reliability and sheet rolling development program Final technical report, 3 Aug. 1961 - 30 Jun. 1966	1966
19670067790	Targeting and charting data reduction matrix Interim report, 1 Jul. 1965 - 30 Apr. 1966	1966
19670067791	Normalization of the Hermite polynomial terms in the Wiener Hermite-Laguerre Canonical expansion Technical note no. 5	1966
19670067792	Synthesis of new fire resistant hydraulic fluids Final report, 25 Mar. 1965 - 1 Jun. 1966	1966
19670067793	A unique switching device for inductive energy storage systems Technical report, Oct. 28, 1964 - Jul. 20, 1966	1966
19670067794	Ion implantation doping techniques Interim technical report no. 1, 1 May - 31 Jul. 1966	1966
19670067795	Investigation of low frequency dynamic viscoelastic properties of aqueous polyethylene oxide solutions using an elastometer	1966
19670067796	Investigation of the ultrasonic dynamic viscoelastic properties of aqueous polyethylene oxide solutions	1966
19670067797	A large flash photolysis apparatus for the study of the absorption spectra of gas phase free radicals	1966
19670067798	Hypersonic slip flow past the leading edge of a cooled flat plate Technical report, Jun. 1 - Sep. 1, 1965	1966
19670067799	Heat capacity measurements on polyethylene in the temperature range of 2.4 deg to 30 deg K	1966
19670067800	The hydrothermal growth of zinc oxide crystals Interim engineering progress report, 1 Apr. - 30 Jun. 1966	1966
19670067801	The autoxidation of amines Annual progress report, Oct. 1964 - Dec. 1965	1966
19670067802	Aerodynamic gas spike for re-entry vehicle communications studies. Aerodynamic, stability, and heating analyses of the trailblazer aerospike re-entry payload including hypersonic viscous interaction Interim technical report, period ending 30 Jun. 1966	1966
19670067804	Nike-Apache STV /SR-035/ /4 August 1966/ Meteorological data report	1966
19670067805	Effects of gammas and neutrons on lead selenide detectors Technical report, Feb. - May 1966	1966
19670067806	Elimination of inclusions from flux-grown crystals, 15 November 1965 - 15 June 1966	1966
19670067807	Thallium beam tube research Final report, 1 Jul. 1964 - 30 Apr. 1966	1966
19670067808	Stellar Acquisition Feasibility Flights /STAFF/ Program progress report no. 43, Sep. 1966	1966
19670067809	Product-improvement test /durability and reliability/ of modified tactical formation lights	1966
19670067810	Advanced electron beam modulation transmission studies Final report, May 1965 - Jul. 1966	1966
19670067811	Principles of a discrimination between Sq and SD on individual records and description of a special type of magnetic disturbance, the "slow oscillation"	1966
19670067812	High pressure extrusion development Interim technical engineering report no. 1, 1 Jul. - 1 Oct. 1966	1966
19670067813	Oscillations and noise in indium antimonide Interim report	1966
19670067814	Oxidation and sublimation of graphite in simulated re-entry environments	1966
19670067815	Ship design computer program. Propagation from an isotropic radiator	1966
19670067816	A taxi-guidance system for aircraft using a single magnetic leader cable	1966
19670067817	Diffusion and dispersed phases in refractory metal systems, part IV Technical report, 1 Mar. 1964 - 30 Nov. 1965	1966
19670067818	Convergence properties of an adaptive algorithm for linear threshold elements	1966
19670067819	Trial of absolute analysis by spark source mass spectrometry	1966
19670067820	Crater measurements	1966
19670067821	Compatible foam-dry powder fire-fighting system Progress report	1966
19670067822	Study of heat transfer characteristics of hot gas igniters Quarterly progress report, 16 Jun. - 15 Sep. 1966	1966
19670067823	The physics of the range telescope technique for measuring the isotopic abundance of energetic particles in space, January 1963 - May 1966	1966
19670067824	Square loop switching models - An annotated bibliography	1966
19670067826	Thermomechanical treatments applied to ultra-high strength steels Quarterly report, May 1 - Jul. 31, 1966	1966
19670067827	Large segmented, fiberglass reinforced, plastic rocket motor cases Interim engineering progress report, 1 May - 31 Aug. 1966	1966
19670067828	Investigation of contamination tolerance level for hydraulic pumps Quarterly report, May 1 - Jul. 31, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067829	Investigation and evaluation of motor insulation for multiple restart application First quarterly report, 25 May - 25 Aug. 1966	1966
19670067830	Effects of aluminum on solid-propellant combustion instability Final report	1966
19670067831	Personnel accommodations XB-70A Summary test report, 21 Sep. 1964 - 6 Aug. 1966	1966
19670067832	Solid state techniques for modulation and demodulation of optical waves Final report, 1 May 1962 - 31 Aug. 1965	1966
19670067833	RF power generation by spark-gap switching techniques Quarterly technical progress report, 3 May - 3 Aug. 1966	1966
19670067834	Ionosphere structure determination from vertical-angle measurements Technical report no. 115	1966
19670067835	Nuclear magnetic resonance in ferromagnetic and antiferromagnetic alloys Final technical report, Jun. 1, 1965 - May 31, 1966	1966
19670067836	Elemental contact occurrences in rolling and sliding Summary report no. 1	1966
19670067837	Feasibility study for using sulphur-aggregate mixtures as a structural material Technical report, 1 Jul. 1965 - 1 Apr. 1966	1966
19670067838	Evolution of multiple range-gate video processors for combat surveillance radar systems	1966
19670067839	Research on a suitable soap film dispersing device for the study of soft X-ray emission spectra Final report, Jan. - Jul. 1966	1966
19670067840	Research on materials essential to cryocooler technology Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670067841	Parts reliability and application notebook, volume I, sections I and II Final report, Nov. 1964 - Dec. 1965	1966
19670067842	Remode signal/noise tests in polarized noise	1966
19670067843	Tantalum alloy tubing development program Tenth interim technical engineering report, May 15 - Sep. 15, 1966	1966
19670067844	A study of photographic errors resulting from a satellite-mounted camera Technical report, Mar. 1965 - Jun. 1966	1966
19670067845	Study of solid-state and traveling-wave master techniques Final report	1966
19670067846	Canadian ionospheric data, Churchill, July 1966	1966
19670067847	Visual aids in acquisition Research note no. 638	1966
19670067848	Canadian ionospheric data, Ottawa, July 1966	1966
19670067849	Field testing of propellants Second quarterly report, 1 Jun. - 31 Aug. 1966	1966
19670067850	Integrated switching and multiplexing Final report, 3 Jun. 1963 - 31 Aug. 1965	1966
19670067851	Fatigue, creep and stress-rupture properties of Nicrotung, Super A-286, and Inconel 718 Technical report, Mar. 1960 - 31 Jul. 1965	1966
19670067852	Low altitude inertial navigation set AN/ASN-47/XA-1/. Volume III - Age operation manual Technical report, Jul. 1963 - Dec. 1965	1966
19670067853	Low altitude inertial navigation set AN/ASN-47/XA-1/. Volume II - Programming manual Technical report, Jul. 1963 - Dec. 1965	1966
19670067854	SST phase II-C Monthly technical progress letter report	1966
19670067855	Manufacturing processes and techniques applicable to fabrication of random-access large bit capacity static mass memories Final report, 25 May 1965 - 22 Jun. 1966	1966
19670067856	Metallized emulsion fuel feasibility testing Final report	1966
19670067857	A coherent transmitting array using conjugate phasing and beam tagging Interim report, Jan. 1965 - Mar. 1966	1966
19670067858	Wind tunnel investigation of a 0.057-scale C-5A semi-span model with powered nacelles at Mach numbers 0.60 to 0.85	1966
19670067859	Welded interconnections for high current circuitry	1966
19670067860	The electroslag consumable electrode remelting and casting process, part I	1966
19670067861	Portable moving electron beam welding system Interim engineering progress report no. 1, 20 May - 30 Sep. 1966	1966
19670067862	Analog-to-digital and digital-to-analog converter development program Interim engineering progress report no. 1, 1 Jun. - 31 Aug. 1966	1966
19670067863	A reexamination of the mercury-photosensitized oxidation of tetrafluoroethylene Report, 1 Jan. - 22 Apr. 1966	1966
19670067868	Reliability testing and prediction techniques for high power silicon transistors Technical report, 20 Oct. 1965 - 19 Apr. 1966	1966
19670067869	A wide angle infrared target acquisition aid for vehicle location and signature studies Final report	1966
19670067870	Upper atmosphere phenomenology - A comparative study of effects due to hypersonic reentry and high-altitude nuclear events Final report	1966
19670067872	Process development for improved high-strength superalloy sheet Interim engineering progress report, 1 Apr. - 31 Aug. 1966	1966
19670067874	Study of methods to produce composite beryllium blades Final report, 4 Mar. 1965 - 4 Jun. 1966	1966
19670067875	Investigation to determine the feasibility of detecting subterranean tunnels by means of sonic sounding Final report, Mar. - Jul. 1966	1966
19670067876	Ion implantation junction techniques Quarterly technical progress report, 1 May - 31 Jul. 1966	1966
19670067877	Research and development of a ruggedized planar ceramic triode Quarterly progress report, 1 Mar. - 31 May 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067878	Investigation of the effects of ultrasonics on the deformation characteristics of metals Final report, 1 Feb. 1965 - 31 Jan. 1966	1966
19670067879	Reliability central automatic data processing subsystem Final report	1966
19670067881	A review of the literature on the effect of environment on the mechanical properties of metals	1966
19670067882	Titanium-iron eutectic coating	1966
19670067883	Test of two ceramic-bonded solid-film lubricants on small, high-speed ball bearings run in vacuum and in air Technical report, 1 Oct. 1964 - 1 Feb. 1966	1966
19670067884	Super power cw transmission line techniques Interim technical report, Jan. - Jun. 1966	1966
19670067885	A technical review and evaluation of a proposed lumbar pad for U. S. Navy configuration of MK-H5/H7F-1 ejection seats - Phase I - MK-H5	1966
19670067886	Tunable solid state generator Third quarterly progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19670067887	Zinc electrode investigation	1966
19670067888	Laboratory study of the effect of an underwater acoustic field on an atmospheric electric field Final technical report	1966
19670067889	Fabrication of beryllium oxide radomes by pyrolytic deposition Final engineering report, 24 May 1965 - 24 May 1966	1966
19670067890	Research on charged particle electrostatic thrusters Interim technical report, 15 Jul. 1965 - 15 Aug. 1966	1966
19670067891	Scanning monolithic ferrite lens-radome First interim report, 1 May - 1 Aug. 1966	1966
19670067892	Storable concentrated hydrogen peroxide Quarterly progress report no. 1, Mar. 1 - May 31, 1966	1966
19670067893	05801 Lance missile number 054, round number XR-1-RBL /30 August 1966/ Meteorological data report	1966
19670067894	Superalloy coatings for components for gas turbine engine applications Final report, 1 Jul. 1964 - 30 Nov. 1965	1966
19670067895	Optical transmission at high data rates Interim technical report, 1 May - 1 Sep. 1966	1966
19670067896	Spectrochemical analysis of non-metals with hollow cathode light source Final technical report, 1 Jun. 1965 - 31 May 1966	1966
19670067897	Using a linear-array antenna with a high-resolution radar	1966
19670067898	Rayleigh wave rejection by optimum filtering of vertical arrays	1966
19670067899	Metals joining - Review of recent developments	1966
19670067900	Observations of resonance between satellites in a high-drag environment and high-order tesseral terms of the geopotential expansion Report, Sep. 1965 - Apr. 1966	1966
19670067902	Optical image stabilization Final report, 1 Nov. 1964 - 30 Jan. 1966	1966
19670067903	Laminar free convection heat transfer near the stagnation point of a cylinder Final report, Dec. 1964 - Aug. 1965	1966
19670067904	Truncation errors in the Stokes and Vening-Meinesz formulae for different order spherical harmonic gravity terms Report, Dec. 1965 - May 1966	1966
19670067906	Oxidation and combustion. XIII - Detonations	1966
19670067907	On AIP - Preparation, electrical and optical properties	1966
19670067908	On the mechanism of adaptation to extreme osmotic conditions in Dunaliella salina. II - Composition of the cell sap at different salt concentrations in the medium	1966
19670067909	Investigation on the induction of dorsiventrality of apogamic fern prothallia	1966
19670067910	Deflection of cathode and canal rays at the edge of a condenser whose stray field is limited by a diaphragm	1966
19670067911	The theory of a wall-stabilized arc pile	1966
19670067912	Contribution to the knowledge of Dunaliella salina dunal	1966
19670067913	A molecular orbital treatment of the reactivities of substituted heteroaromatic compounds - Superdelocalizability	1966
19670067914	Structure analysis of La ₂ O ₃	1966
19670067915	Motion of a particle and equilibrium of a plasma in cylindrical geometry	1966
19670067916	Synthesis and liberation of leucine-amino- peptidase by the parathyroid gland of the rat in vitro	1966
19670067917	A molecular orbital treatment of the stabilities of substituted heteroaromatic compounds	1966
19670067918	The calculation of simultaneous equilibria according to the iteration method in matrix notation	1966
19670067919	Quantitative determination of conessine in urine, feces, and bile - Results obtained	1966
19670067920	Investigations on development and reproduction of the genus Dunaliella	1966
19670067921	Methods and applications of quantum chemistry	1966
19670067922	Test stand technique for rocket engines, part II	1966
19670067923	Relationship between the quantitative factor A and the thermal activation energy epsilon in the conductivity law of interference semiconductors	1966
19670067924	Relationship between the modulus of a complex determinant and its associated, real determinant. Application to the theory of Hermitian forms and the theory of the moduli of complex matrices	1966
19670067925	Tungsten uranium dioxide cermets, obtained by activated sintering	1966
19670067926	Formation of urease after consumption of the exogenous nitrogen source by Hydrogenomonas H 16	1966
19670067927	Synthesis of poly-beta-hydroxybutyric acid by hydrogenomonas H 16 - Reaction steps leading to the beta hydroxybutyryl	1966
19670067928	Thermodynamic plasma calculations	1966
19670067929	Fundamentals of a systematic suppression of flexible shaft rotor vibration	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067930	Graphical solution of contact heat transfer	1966
19670067931	Effect of a pressure gradient on the velocity profile in the boundary layer of a rough plate	1966
19670067932	Spiral growth and polytypy investigations on aluminum nitride single crystals	1966
19670067933	Electronic properties of aluminum nitride	1966
19670067934	Biosynthesis of poly-beta-hydroxybutyric acid by Knallgas bacteria. II - Assimilation of organic acids	1966
19670067935	A generalized equation of velocity distribution of a fluid in a duct	1966
19670067936	Comparison of graphite arcs and ultraviolet standards	1966
19670067937	The axial temperature distribution at the interior of the anode of a carbon arc, and the thermal conductivity of graphite at high temperatures	1966
19670067938	Material functions of arc plasmas from characteristic measurements	1966
19670067939	Determination of temperature and velocity of a plasma stream in a plasma burner	1966
19670067940	Fundamental problems in viscoplasticity	1966
19670067941	Pinched xenon high-pressure discharges of high current density	1966
19670067942	Spectral theory of semibound operators and their use in spectral analysis of differential operators, parts I and II	1966
19670067943	Investigations on the growth and storage substance synthesis of Hydrogenomonas	1966
19670067944	Physiological investigations on hydrogen- oxidizing bacteria	1966
19670067945	Quantitative study of the rating of a fully ionized helium plasma	1966
19670067946	Nucleophilic behavior of hydroxamates Quarterly progress report, Sep. 1964 - Feb. 1966	1966
19670067947	Process development program nitroso rubber terpolymer Interim engineering progress report, Jun. 8 - Sep. 7, 1966	1966
19670067948	Protein requirements as a function of calorie intake and work load Final report, Nov. 1, 1963 - Dec. 31, 1964	1966
19670067949	Precision radar investigation Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670067950	Display data recording by laser Final report, 1 Jul. 1965 - 31 May 1966	1966
19670067951	Design study for a flightworthy pneumo- mechanical servomechanism Technical report, Nov. 1, 1965 - Aug. 1966	1966
19670067952	Development of nondestructive testing system for analysis and control of residual machining stresses Interim engineering progress report, 1 Jun. - 31 Aug. 1966	1966
19670067953	Ionospheric-sounder measurement of relative gains and bandwidths of selected field- expedient antennas for skywave propagation at near-vertical incidence Special technical report no. 18	1966
19670067954	Flight evaluation/validation of the TALAR III guidance system, part I	1966
19670067955	Distance Measuring Equipment /DME/ for submarine noise surveys	1966
19670067956	Canadian ionospheric data	1966
19670067957	Dispersion strengthened materials evaluation program. Feasibility for structural mechanical fasteners 1400 deg - 2200 deg F Interim technical report, May - Jul. 1966	1966
19670067958	Research on methods of obtaining luminescence in ferroelectric materials and study of the temperature dependence of their luminous efficiencies close to the Curie point Quarterly technical report, Apr. 1 - Jun. 30, 1966	1966
19670067959	Research on new techniques in absorption and emission spectroscopy Quarterly progress report, Apr. - Jun. 1966	1966
19670067960	Research with the scanning electron microscope Final technical report, 15 Apr. 1965 - 15 Apr. 1966	1966
19670067961	Man-system criteria for extraterrestrial surface roving vehicle, phase I. AES/lunar human factors safety analysis, phase II Progress report, 15 Jan. - 15 Feb. 1966	1966
19670067962	Pulsed nitrogen laser research Interim technical report	1966
19670067963	Preparation of single crystal Mg ₂ Sn _{0.3} Interim technical report, 18 Mar. - 18 Jun. 1966	1966
19670067964	Piezoresistive soil stress gages Final report, 1 Oct. 1964 - 31 Jan. 1966	1966
19670067965	Honest John missile no. 717, round no. 534 RML, 16 August 1966 Meteorological data report	1966
19670067966	Proceedings of the U.S. Air Force-Georgia Tech Symposium on Electromagnetic Windows. Volume I - Hypersonic applications and supersonic applications	1966
19670067967	High temperature radome design techniques	1966
19670067968	Design/development of slip-cast fused silica nose cap for Trailblazer III vehicle	1966
19670067969	Pyrolytic boron nitride as a high performance electromagnetic window material	1966
19670067970	Radome for hypersonic interceptor	1966
19670067971	Radome research sponsored by the Ministry of Aviation in the United Kingdom	1966
19670067972	A structural alumina radome by the plastic molding process	1966
19670067973	Alumina A-sandwich E-M windows for hyper-environment applications	1966
19670067974	Development of fiber reinforced ceramic radomes	1966
19670067975	Hallow walled radome structures	1966
19670067976	Proceedings of the U.S. Air Force-Georgia Tech Symposium on Electromagnetic Windows. Volume II - Design implementation and radant techniques	1966
19670067977	New concepts in large diameter metal space frame radomes	1966
19670067978	Design techniques for structurally supported airborne radomes	1966
19670067979	A fenestrated metal rain-erosion cap for aircraft nose radomes	1966
19670067980	Infrared transmitting glasses	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670067981	High-temperature dielectric spectroscopy	1966
19670067982	A broadband, unified conical radome antenna	1966
19670067983	Radant concepts as applied to missile systems	1966
19670067984	A flush-mounted composite radome-antenna system	1966
19670067985	Design and fabrication of an integrated radome and twist cassegrain antenna	1966
19670067986	Proceedings of the U.S. Air Force-Georgia Tech Symposium on Electromagnetic Windows. Volume III - Fabrication, evaluation and environmental considerations	1966
19670067987	Fabrication techniques for slip cast fused silica	1966
19670067988	A comparison of radome boresight errors as measured by phase and amplitude sensitive systems, with some notes on a novel boresight measuring system	1966
19670067989	Boresight error prediction and acceptance criteria for missile radome	1966
19670067990	Air Force Materials Laboratory efforts on rain erosion protection for radomes-subsonic and supersonic	1966
19670067991	Electromagnetic window measurements in an ablative environment	1966
19670067992	An approximate method for the calculation of the transient heating and temperature distribution in the tip region of a supersonic radome	1966
19670067993	Environmental limitations of alumina, fused silica and pyroceram 9606 radomes	1966
19670067994	A hydrosonic rain erosion test program	1966
19670067995	Evaluation of thermal-stress resistance	1966
19670067996	Thermal testing of slip-cast fused silica radomes	1966
19670067997	Proceedings of the U.S. Air Force-Georgia Tech Symposium on Electromagnetic Windows. Volume IV - Papers not on program	1966
19670067998	High temperature composite radome materials	1966
19670067999	Rain erosion effects on a silicone fiberglass radome at supersonic velocities	1966
19670068000	Development program on ceramic plastic composite for rain erosion protection	1966
19670068001	The effect of impurities on the X-band dielectric properties of sintered alumina	1966
19670068002	The effect of rain on a 55 foot diameter rigid radome	1966
19670068003	Design and test of a radiometer radome	1966
19670068004	Some design problems of an aircraft multi-band radome	1966
19670068005	A feasibility study on the fabrication of integrated radome antennas	1966
19670068006	Firing of Aluminum and Aluminum Alloys in Protective Gas	1966
19670068007	Optimum forming processes and equipment necessary to produce high quality, close tolerance titanium alloy parts Interim engineering progress report no. 1, 1 Jun. - 30 Sep. 1966	1966
19670068008	Spectral regions for thermal imaging	1966
19670068009	Basic research in thermionic energy conversion Technical summary report, 1 Aug. 1965 - 31 Jul. 1966	1966
19670068010	A bibliographical survey and critical review of the role of anthropometry in the sizing of clothing and personal equipment	1966
19670068011	Conference on optical properties of ions in crystals	1966
19670068012	Studies of the structural response of simulated helicopter rotor blades to random excitation - An interim summary of experimental design, equipment fabrication status, and future research potential Interim technical report	1966
19670068013	Aerospace guidance computer analysis and synthesis Interim summary report	1966
19670068014	Development of a titanium alloy foil and sheet rolling process Fifth interim engineering progress report, 1 May - 15 Aug. 1966	1966
19670068015	Nuclear radiation effects on resistive elements	1966
19670068016	The photodetachment cross section, electron affinity and structure of the negative hydroxyl ion	1966
19670068017	Report for the period 30th November 1965 to 30th June 1966	1966
19670068018	Dynamic pressure hardening of irregular shapes Summary technical report, 23 Jun. - 22 Mar. 1966	1966
19670068019	Random process model for evoked EEG responses	1966
19670068020	Design and performance of a high pressure, continuous flow arc heater Technical report, Jun. 1964 - Jan. 1965	1966
19670068021	Studies in the field of symmetric triazines	1966
19670068022	Synthesis of gaseous disinfectants Quarterly technical report, 15 Jun. - 15 Sep. 1966	1966
19670068023	Ship design computer program. On-axis power density in the Fresnel and Fraunhofer regions of large aperture rectangular antennas	1966
19670068024	Solid propellant as a shock tube driver	1966
19670068025	Modeling and measurement techniques for large spherical arrays Quarterly report, 21 Mar. - 30 Jun. 1966	1966
19670068026	Tunnel diode receivers Technical report, Mar. 1963 - Oct. 1965	1966
19670068027	Noise figure nomograph for tunnel diode amplifiers Internal memorandum	1966
19670068028	Push-pull tunnel diodes Internal memorandum	1966
19670068029	Electronic determination of the I, G, and I/G parameters of a tunnel diode Internal memorandum	1966
19670068030	The tunnel diode amplifying converter Internal memorandum	1966
19670068031	Design and construction of an electron-proton spectrometer Technical report, 1 Oct. 1964 - 30 Sep. 1965	1966
19670068032	Research and development of microwave tubes and devices Quarterly report no. 4, 1 Dec. 1965 - 28 Feb. 1966	1966
19670068033	Corrosion and compatibility Review of recent developments	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068034	Research and development of microwave tubes and devices Quarterly report no. 5, 1 Mar. - 31 May 1966	1966
19670068035	Development of an unlinked long span strain gage Technical report, 21 Jun. - 21 Dec. 1965	1966
19670068036	Investigation of single crystal silicon ribbon Fourth interim report, 1 Mar. - 31 May 1966	1966
19670068037	Kalman filter study	1966
19670068038	C-141A engineering flight test results of the flight load survey and 80 percent demonstration	1966
19670068039	Synchros, linear transformers, special non bound, 1-30 volts, 400 CPS	1966
19670068040	Evaluation of testing techniques for filament wound composites Final report, 15 Jun. 1964 - 15 Sep. 1965	1966
19670068041	Reliability central automatic data processing subsystem. Volume II - Design specification report Final report	1966
19670068042	Application of a power spectral gust design procedure to bomber aircraft Technical report, 1 Jul. 1965 - 15 Feb. 1966	1966
19670068043	Aerodynamic characteristics of a high fineness ratio model with various spin rates at M infinity equals 3.0 and 5.0	1966
19670068044	Advanced phase-shift amplifier study Seventh quarterly report, 16 Dec. 1965 - 15 Mar. 1966	1966
19670068045	Radiation polymerization studies at low temperatures Final report, Jan. 3 - Jun. 30, 1966	1966
19670068046	Records of Automation and Telemechanics /selected articles/	1966
19670068047	Mathematical classification models in object- recognition problems	1966
19670068048	Evaluation of the reliability of a simple redundant logic network	1966
19670068050	Radio test set AN/ARM-22 Y-mode modification Final report	1966
19670068051	Developmental studies and reliability control in nuclear techniques for radiation-effects environmental testing Technical report, 1 Oct. 1964 - 30 Sep. 1965	1966
19670068052	Pulsed neon 5401 angstrom laser	1966
19670068053	Acoustic properties of sediments	1966
19670068054	Design, fabrication, and dynamometer testing of prototype filament-wound toroidal continuous-cross-section tires Final report, Mar. 1965 - Mar. 1966	1966
19670068055	Strapdown system application studies related to a surface to surface missile of 100 to 400 nautical miles	1966
19670068057	Basic research in microwave devices and quantum electronics Quarterly progress report, 1 Mar. - 1 Jun. 1966	1966
19670068058	Study and experimental work on atomic collision processes occurring in atmospheric gases Technical progress letter no. 46, 1 Mar. - 31 May 1966	1966
19670068059	The films of normal and superconducting metals Final report, 27 Mar. 1963 - 26 Mar. 1966	1966
19670068061	396 Lance missile no. 026, round no. 024 RGT /15 July 1966/ Meteorological data report	1966
19670068062	Transequatorial F-layer propagation study Final report	1966
19670068063	Q-switched laser bibliography	1966
19670068064	Fuel cell fuel purification Interim technical report, 10 Jan. - 9 Jul. 1966	1966
19670068065	The evaluation of "Misol", an anti- soilent for aircraft surfaces	1966
19670068066	Electrical and thermal considerations in the design of electroexplosive devices	1966
19670068067	Development of Materials and Materials Application Concepts for Joint Use as Cryogenic Insulation and Micrometeorite Bumpers Annual Summary Report	1966
19670068068	AS-204 launch vehicle operational flight trajectory	1966
19670068069	Man system criteria for extraterrestrial roving vehicles, Phase 2B - Orbital workshop human factors safety analysis	1966
19670068070	Flight report for Delta vehicle S/N 462/ 20204/20207 Delta program-mission no. 40, spacecraft - Pioneer-B	1966
19670068071	Geologic evaluation of radar imagery in southern Utah	1966
19670068072	Geological evaluation of Nimbus vidicon photography Chesapeake Bay - Blue Ridge	1966
19670068073	LN2/LH2 pump and vaporizer system P/N-2427900	1966
19670068074	Thermodynamic considerations on corrections of the Saha equation	1966
19670068075	A special thermoluminescence phenomenon	1966
19670068076	Electromagnetic compatibility testing of the 3-day biosatellite subsystems	1966
19670068077	Catalogue of unclassified reports issued by Aerodynamics Department in 1965	1966
19670068078	Investigation of optimization of attitude control systems Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670068079	Advanced Bulkhead Concept Development /ABCD/ conceptual design and parametric analysis Final report	1966
19670068080	Fabrication of beryllium cold plates Final report	1966
19670068081	High-power magnetron injection gun noise study Quarterly progress report, 1 Feb. - 1 May 1966	1966
19670068082	Radiation damage determination by electrical impedance measurement Final report, 15 Aug. 1965 - 15 Jul. 1966	1966
19670068083	Dynamic instability of a cylindrical shell with an elastic core	1966
19670068084	Pattern recognition of stochastic processes	1966
19670068085	1, 3, 5-tris-/diphenylhexachloroantimonyl- methyl-/benzene, a stable tricarbonium ion	1966
19670068086	Microwave device techniques for aerospace surveillance Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19670068087	Thin film transducers	1966
19670068088	Parametric amplification of acoustic waves	1966
19670068089	Carrier wave propagation in semiconductors	1966
19670068090	Whistler mode propagation in solids	1966
19670068091	Periodic ferrite delay lines	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068092	Adiabatic magnetoelastic conversion in the time domain	1966
19670068093	Theory of the Gunn effect	1966
19670068094	Investigation of rotary actuation technique Quarterly technical report, 3 Jul. - 3 Oct. 1966	1966
19670068095	Development of internal microwave-acoustic modulation of solid-state lasers Interim engineering report	1966
19670068096	XB-70 flight control system Summary test report, 21 Sep. 1964 - 6 Aug. 1966	1966
19670068097	Project SOPHY solid propellant hazards program Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670068098	Collapsing spherical shock waves in water	1966
19670068099	Expanded Little IDA, experimental program and results Interim report	1966
19670068101	Aerospace structural metals handbook Quarterly progress report no. 8, Apr. 1 - Jul. 1, 1966	1966
19670068102	An investigation of describing function development	1966
19670068103	Development of bar process for TD NICKEL-MOLYBDENUM alloy Interim report, Jul. 1 - Sep. 30, 1966	1966
19670068104	Description and classification of frozen soils	1966
19670068105	Thermodynamic losses in ultrasonically produced cavitation bubbles	1966
19670068106	Tests of Canadian Nimbus cloth	1966
19670068107	Real-time simulation of aerodynamic heating and ablative heat shield behavior for advanced X-15A-2 Final technical report, May 1964 - Jun. 1966	1966
19670068108	Applicability of inertialess scanning techniques to the design of surveillance radar antennas Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19670068109	Aquitaine, a radar for ballistic trajectory and space missile pursuit	1966
19670068110	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670068111	Design, construction, and operation of the Aerospace Corporation Beryllium Toxic Materials Laboratory Research report, Jun. 1961 - Jun. 1966	1966
19670068112	SST Phase II-C Monthly technical progress letter report, Dec. 1965	1966
19670068113	Machinability of beryllium Final report	1966
19670068114	An experimental investigation of a mathematical learning model	1966
19670068115	Effect of single-step change in stress on fatigue life of plastic laminates reinforced with unwoven "E" glass fibers Technical report, Jan. 1964 - Jan. 1966	1966
19670068116	Propagation medium rf noise Interim technical report	1966
19670068117	Applied research study on satellite communications. Multiple access techniques Task I report, 1 Jan. 1965 - 30 Jun. 1966	1966
19670068118	Investigation of a 30,000 rpm turbine-driven hydraulic pump Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670068119	Seminar on Strength of Materials, Cavendish Laboratory, Cambridge, 18-23 July 1966	1966
19670068120	Some programs on millimeter and submillimeter wave spectroscopy in Europe	1966
19670068121	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Mar. - 30 May 1966	1966
19670068122	A 972-to-150-megacycle converter for Nacode receivers Technical report, Jan. - Jul. 1965	1966
19670068123	Long-range seismic measurements - Chase VII, 29 July 1966	1966
19670068124	Lifting reentry communications. Volume II - Systems calculations Research report, 1 Jul. 1965 - 1 Feb. 1966	1966
19670068125	Millimeter wave mixers Quarterly report, 11 Jun. - 10 Aug. 1966	1966
19670068127	Dispersive characteristics of the ionosphere Interim report, 1 Jun. - 30 Nov. 1965	1966
19670068128	Design of digital memories that tolerate all classes of defects Technical report, Jan. 1965 - Apr. 1966	1966
19670068129	Diode control research Quarterly technical progress report, 1 Jun. - 1 Sep. 1966	1966
19670068130	Conductive tin and copper layers formed by chemical deposition on glass	1966
19670068131	Hypergolic ignition at reduced pressures Quarterly progress report, 1 Jun. - 30 Aug. 1966	1966
19670068132	Corundum-glass couplings /joints/	1966
19670068133	Thermal and dynamic investigation of the Hughes ATS spacecraft and apogee motor system at simulated high altitude /S/S SYNCHRONOUS spacecraft thermal model S/N T-4/	1966
19670068134	Preliminary development of gust design procedures based on power spectral techniques. Volume II - Summary of possible procedures Final report, Nov. 1964 - Mar. 1966	1966
19670068135	Studies in impact elongation, overcoating procedures, corrosion and humidity resistance, of specification epoxy polyamide coating systems	1966
19670068136	Tables of two-sided and one-sided confidence limits for a proportion	1966
19670068137	Electrodes for halotrons contacted with HgTe	1966
19670068138	Energy fluctuations in seismic noise	1966
19670068139	Portable radar dock for aircraft maintenance Final report, Jul. - Sep. 1966	1966
19670068141	Range timing system Final report, May 1964 - Aug. 1965	1966
19670068142	Anisotropic waves in elastoplastic soils Technical report, Jun. 1965 - Aug. 1966	1966
19670068143	Stereo radar techniques study, Phase I Volume I - Analysis Interim technical report, Jun. 1965 - Jun. 1966	1966
19670068144	Long-range two-dimensional atmospheric diffusion of a coarse polydispersed particulate cloud released at high altitude	1966
19670068145	Beacon target detection analysis	1966
19670068146	Stress corrosion susceptibility of 18-percent-Ni maraging steels at high strength levels	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068147	Thermoelectric cooling	1966
19670068148	Interrelation of systemic and cellular responses to acute and chronic hypoxia Annual progress report, Feb. 1 - Aug. 31, 1966	1966
19670068149	Large format UV image tube development, volume IV Quarterly report, 1 May - 31 Jul. 1966	1966
19670068150	Investigation of the semiconducting properties of the solid solution Mg ₂ Sn Pb _{1-x} / Final technical report, 1 Sep. 1964 - 31 Aug. 1965	1966
19670068151	Further measurements of transient pressures on a narrow-delta wing due to a vertical gust	1966
19670068153	Dislocation interactions in the immediate vicinity of a free surface	1966
19670068154	Investigation of a split-path nonlinear filter	1966
19670068155	Development of aluminum base alloys-section I Final report, 29 Sep. 1961 - 30 Sep. 1965	1966
19670068156	Basic shapes for aerospace structures. Phase II - Development of preliminary specifications Report, Mar. - Aug. 1966	1966
19670068158	Cyclotron resonance pumping of gas lasers Final report, 1 Jun. 1965 - 30 May 1966	1966
19670068159	Air and oxygen specific weight factor development Final report	1966
19670068160	The lift and drag characteristics of caret wings at Mach numbers between 5 and 10	1966
19670068161	Development of on-line system for computer-aided design of integral circuits Interim engineering progress report, 1 Jun. - 31 Aug. 1966	1966
19670068162	Evaluation of glass reinforced aluminum phosphate as a potential smoke stack extension material Final report, 22 Mar. - 22 Sep. 1966	1966
19670068163	Dispersive characteristics of the ionosphere Final report	1966
19670068164	Gordon research conference on elastomers	1966
19670068165	AN/ADR 501 aerial radiac-meter training system	1966
19670068166	Technical description of the microminiaturized data modem experimental model AN/USC-7/XW-1/ FINAL report, Apr. 1964 - Apr. 1965	1966
19670068167	A study of solid state devices and phenomena /the Gunn effect - New applications and materials/ Interim technical report, 1 Jun. - 31 Aug. 1966	1966
19670068168	Thin semi-conducting films for solid circuits Semiannual report, 1 Jan. - 30 Jun. 1966	1966
19670068169	Magnetic compression of electron beams Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670068170	The works of Melvin Calvin and associates - A bibliography	1966
19670068171	Transition metal complexes containing nitrogen, phosphorus, or sulfur Final report	1966
19670068172	Some torsion problems in elasticity Interim technical report	1966
19670068173	Preproduction tests of Robert H. Wager Company, Inc. model M-5 photoelectric smoke indicator Final report	1966
19670068174	Development of non-destructive dynamic monitoring instrumentation for resin impregnated glass roving Quarterly progress report	1966
19670068175	Frequency response method of determining aircraft longitudinal short-period stability and control system characteristics in flight Final report	1966
19670068176	Flight evaluation of the Bell Helicopter Company model 208 helicopter	1966
19670068177	A technique for the calculation of acceleration waves in nonlinear viscoelastic materials	1966
19670068178	Aerothermodynamic characteristics of the full-scale SNAP-27 vehicle at supersonic and hypersonic Mach numbers	1966
19670068179	Study of cumulative damage techniques for the prediction of motor failure Quarterly report, 1 Jul. - 28 Aug. 1966	1966
19670068180	A4 signal test report	1966
19670068181	Low level broadband limiters Interim engineering report, 1 Mar. - 1 Jun. 1966	1966
19670068182	Convex functions with real domain	1966
19670068183	Behavior of very small gas bubbles in accelerated liquid flows	1966
19670068184	A resistance jet attitude control system and a control logic for attitude control of a space vehicle	1966
19670068185	Supersonic transport development data submission to the Federal Aviation Agency, phase II-C Third comprehensive technical progress report	1966
19670068186	Measurement of free carrier lifetimes in high resistivity aluminum antimonide	1966
19670068187	Studies on shock wave pressure-time gauges. XIII - Reduction of the acceleration sensitivity and ringing of the type 100 shear tube gauge	1966
19670068188	An interpretation of the total intensities of the Lyman alpha and beta lines of hydrogen emitted by the sun	1966
19670068189	Effect of prior fatigue loading on crack propagation rates in 2024 - T3 sheets	1966
19670068191	Applications technology satellite Quarterly progress report no. 10, 1 Sep. - 30 Nov. 1966	1966
19670068192	Research in long wavelength X-ray spectroscopy Semiannual report no. 5, 1 Sep. 1965 - 31 Aug. 1966	1966
19670068193	High power rf plasma heating and wave propagation near the fundamental and harmonics of the ion cyclotron frequency	1966
19670068194	Studies on shock wave pressure-time gauges XIV on field mounting and related problems	1966
19670068196	Optimization of the member sizes of a cantilever truss with controlled deflections	1966
19670068199	Exploratory wind-tunnel tests on a 55 deg sweptback wing of aspect-ratio 3, with blowing over leading-and trailing-edge flaps	1966
19670068200	Organisation of trials at Boscombe Down to measure aircraft take-off noise	1966
19670068202	Laboratory evaluation of velocity controlled rocket motor cutoff device	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068203	Tunable superconductive rf networks Fourth quarterly report	1966
19670068204	Variable-Mu receiver for measurement of magnetic induction fields relative to susceptibility of integrated solid-state circuits Final report, May 1965 - May 1966	1966
19670068205	Operating ranges of the Von Karman gas dynamics facility wind tunnels	1966
19670068206	Vacuum deployment test of a large expandable aerospace shelter	1966
19670068207	Lightweight transceiver evaluation Final report	1966
19670068208	Stability of parallel flows with frequency- dependent viscosity Technical report, 1 Nov. 1965 - 1 Feb. 1966	1966
19670068209	Machining data for numerical control - End mill slotting	1966
19670068210	Metal post-treatments for the epoxy polyamide primer	1966
19670068211	Laser operation with liquid semiconductor mirrors Research report, Dec. 1965 - May 1966	1966
19670068212	Mechanics of hypersonic boundary layer transition on a slender cone Technical report, 1 Jan. - 31 Dec. 1965	1966
19670068213	Development of a gallium arsenide metal oxide semiconductor transistor Interim technical report, 1 Jun. - 31 Aug. 1966	1966
19670068214	Far infrared laser receiver investigation Interim technical report, 1 Jun. - 31 Aug. 1966	1966
19670068215	Anti-jam effectiveness and system complexity	1966
19670068216	Investigation of the feasibility of applying ultrasonic energy to the rolling process for sheet metals Final report	1966
19670068217	Solid-state laser exploration /Phase II/ INTERIM technical report, 1 Jun. - 31 Aug. 1966	1966
19670068218	Silver-zinc missile power supply Quarterly technical progress report, 1 Apr. - 30 Jun. 1966	1966
19670068219	Suppression of creep induced by cyclic torsion in copper under tension	1966
19670068220	JANAF Thermochemical Tables Quarterly supplement no. 22	1966
19670068221	State-of-the-art investigations of power semiconductors Progress report	1966
19670068222	An altitude military qualification test of the J85-GE-15 turbojet engine	1966
19670068223	Performance of the Aerojet-General Corporation Alcor 1B solid-propellant rocket motor under the combined effects of rotational spin and simulated altitude	1966
19670068224	Cylindrical shells with cutouts - An annotated bibliography	1966
19670068225	Supersonic transport development data submission to the Federal Aviation Agency, phase II-C Fifth comprehensive technical progress report	1966
19670068226	Research in thermoelectric materials Final report, 7 Jun. 1964 - 30 Sep. 1965	1966
19670068227	Investigations of the thermal and optical energy gaps in PbTe, part A	1966
19670068228	Investigation of the room temperature maximum figure of merit of Pb.7Sn.3Te	1966
19670068229	Training on the plate	1966
19670068230	Synthesis of memory elements in series circuits using logic charts	1966
19670068231	Warsaw. Papers of the Industrial Institute of Telecommunications Selected articles	1966
19670068232	Waveguide hybrid system with short slot	1966
19670068233	Manufacture of microwave antenna ribbons from stratiform synthetic materials	1966
19670068234	Studying the mechanism of space formation in metal corrosion processes at high temperatures	1966
19670068235	Some applications of nuclear resonance	1966
19670068236	Perception of taste of phenylthiourea /PTC/	1966
19670068237	Advanced guidance system microcircuit and transistor hardening studies Final report, Oct. 1964 - Mar. 1966	1966
19670068238	Broadband optical transceiver study Final report, 10 May 1965 - 10 Jun. 1966	1966
19670068239	Design study for equatorial sporadic-E experiment Final report, Feb. - Aug. 1966	1966
19670068240	Dynamics of liquid filled shell - Non-cylindrical cavity	1966
19670068241	Meteorological rocket program fiscal year report	1966
19670068242	SST phase II-C Monthly technical progress letter report, Jun. 1966	1966
19670068243	Light-modulation techniques	1966
19670068245	Evaluation of U.S. Paint Lacquer and Chemical Company polyurethane finish	1966
19670068246	An Experimental Investigation of Spin-lattice Interactions Semiannual Status Report	1966
19670068247	Applied research study on satellite communications - Ground environment support Task III report, 1 Jan. 1965 - 30 Jun. 1966	1966
19670068248	Microwave Imaging and Spectral Systems for Use in Orbiting Spacecraft Semiannual Report, 1 Mar. - 31 Aug. 1966	1966
19670068249	Ground Investigations of Flight Experiments on Primates in Long Duration Zero-g Quarterly Status Report, 1 Sep. - 30 Nov. 1966	1966
19670068251	Investigation of the use of pressure sensitive tapes and combinations with strippable coatings for aircraft preservation	1966
19670068252	Computer experiments on vacancy interactions in gold Summary technical report, Jun. 1965 - Jun. 1966	1966
19670068253	Analysis and development of feasibility RFI ANTENNA system for Convair C-131 turboprop aircraft and KC-135 jet aircraft Final report	1966
19670068254	High temperature testing of pressure vessels Final report	1966
19670068259	Preparation and properties of aluminum nitride	1966
19670068260	Behavior of nozzle materials under extreme rocket motor environments Quarterly progress report, Jun. - Aug. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068261	Assessment of sensing channels for high integrity protective systems	1966
19670068262	Research on Quantities and Concentrations of Extraterrestrial Matter Through Samplings of Ocean Bottoms Six-month Status Report, Mar. - Aug. 1966	1966
19670068263	Dicarbonium ions of the diphenyl series	1966
19670068268	Synchronized high-speed scanning infrared spectrometer	1966
19670068269	Semi-rigid or non-rigid structures for re-entry applications Interim engineering progress report, 16 Mar. - 15 Jun. 1966	1966
19670068270	Metalworking Review of recent developments	1966
19670068271	Development of a low-noise millimeter-wave parametric amplifier Interim report, 1 Jan. - 31 Jul. 1966	1966
19670068272	Investigation of the practicality of applying the multisensor techniques to measurement of angular displacement and vehicle stabilization Final technical report, Jun. 1965 - Apr. 1966	1966
19670068273	Auditory function of the hearing impaired Formal progress report no. 3, 16 Dec. 1965 - 15 Jun. 1966	1966
19670068274	Laboratory screening of new pigment materials, part III	1966
19670068275	Antiferromagnetic to weakferromagnetic transition and the temperature dependence of the transverse susceptibility in hematite below the Morin transition	1966
19670068277	Hoop tension strength of composite graphite- aluminum tubes	1966
19670068278	Photoconductor-semiconductor emitters Quarterly report, 1 Apr. - 1 Jul. 1966	1966
19670068280	Advanced composite carbide nozzles Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670068281	Development of a remote cutoff MOS field effect transistor Interim development report, 10 Feb. - 10 Jun. 1966	1966
19670068282	The topological problem of turning a sphere inside out - A graphical analysis	1966
19670068283	Methods and characteristics of gas laser illumination in microscopy	1966
19670068284	A method for matching flight test records with the output of an analog computer	1966
19670068285	A study of the electronic configuration and behavior of the -NF ₂ group Quarterly report, Mar. - May 1966	1966
19670068297	Technological Development of Throttling a Hybrid Propulsion System /U/ Final Report, 29 Jun. 1964 - 31 May 1966	1966
19670068305	Investigation of High and Low Temperature Resistant Explosive Devices /U/ Quarterly Progress Report, 1 Apr. - 30 Jun. 1966	1966
19670068306	Apollo/Saturn IB flight safety plan	1966
19670068307	Fluid Mechanics Division, Mission Valve and Pump Company relief valve, manufacturer's part number 2-847, NASA part number B-10430216-3 Test report	1966
19670068308	Quick disconnect couplings, On-Mark, Incorporated manufacturer part numbers 1239016-05-1 and 1239016-06-1, Snaptite, Incorporated manufacturer part numbers 3268-8 and 3268-9, Aeroquip Corporation manufacturer part numbers AE90801M and AE90803M Test report	1966
19670068309	Custom Components pressure switches, manufacturer's part number 698GC91S, NASA PART number B75M06286-1 rev. B Test report	1966
19670068310	STADAN projected loading study, October 1966 thru December 1972	1966
19670068311	Results of sound pressure level measurements during AS-202 launch. Overall time histories and spectral distribution diagrams	1966
19670068312	Victor Equipment Company pressure regulator, manufacturer's part number VQC-2754, NASA PART number 75M08410-1 rev. C Test report	1966
19670068313	Evaluation testing of gasket materials used in cryogenic systems	1966
19670068314	Apollo/Saturn IB ground systems evaluation report AS-202	1966
19670068315	Effects of mass injection on compressible, three-dimensional, laminar boundary layers with small secondary flow	1966
19670068316	Platform electronics package, OMEGA Position Location Equipment /OPLE/ First quarterly Report, 30 Jul. - 30 Sep. 1966	1966
19670068319	Development and Delivery of an Apparatus for Measuring Human Vision /visual Parameter Tester/ Final Report	1966
19670068320	Detection of extraterrestrial microorganisms by microcalorimetry Final report	1966
19670068322	Electrophysiological Correlates of Perception and Performance Progress Report, Apr. 1 - Oct. 1, 1966	1966
19670068323	Technical Studies on the Communications Satellites Progress Report, Aug 16 - Oct. 31, 1966 and Summary Report, Oct. 16, 1965 - Oct. 31, 1966	1966
19670068324	Plane strain fracture toughness of TIG- welded 5Ni-Cr-Mo-v steel /HY-140/ plate 1-1/2 inches thick	1966
19670068325	Improved sampling techniques Final report	1966
19670068326	Diffusion bonding of titanium and beryllium Interim engineering progress report, 1 Apr. - 15 Aug. 1966	1966
19670068327	Development of a portable total water content meter Final report, 1 Dec. 1965 - 30 Jun. 1966	1966
19670068328	Economical methods of transfer between coplanar elliptic orbits	1966
19670068329	The effects of various perturbing factors on the performance of coded-pulse radar systems	1966
19670068330	Electron wave interaction in solids Interim report, 1 Mar. - 30 Jun. 1966	1966
19670068331	Investigation of fast wave beam-plasma interactions Quarterly report, 1 Mar. - 31 May 1966	1966
19670068332	Development of composite structural materials for high temperature applications Quarterly report, 23 Feb. - 22 May 1966	1966
19670068333	Optimum noncylindrical fiber glass pressure hulls for deep submergence, phase I Quarterly progress report, 27 Jun. - 27 Sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068335	Theory of a plane subsonic flow past an oscillating staggered cascade. Part III - Properties of the formal solution evaluation of the aerodynamic forces	1966
19670068336	Aircraft inertial navigation system test program information	1966
19670068337	Broadband steerable arrays for ECM APPLICATIONS Technical report, Sep. 1963 - Jun. 1965	1966
19670068338	Development of flight line test set AN/ASM-198 Final report	1966
19670068339	Titanium panel extrusion development program Interim engineering progress report no. 1, 15 Jun. - 15 Aug. 1966	1966
19670068340	Computer study of MIL-E-1 life test plans Interim engineering report, May 20 - Aug. 20, 1966	1966
19670068341	Development of plane strain fracture toughness for handbook presentation Progress report, 1 May - 1 Sep. 1966	1966
19670068342	A high-temperature blackbody radiation source. Supplement I - Spectral emissivity of graphite	1966
19670068343	Blue and ultraviolet emission from a pulsed atomic ion gas laser	1966
19670068344	On linear and non-linear hydromagnetic vortex motion generated by the interaction of a gravity wave with a solid boundary	1966
19670068345	Low loss microwave acoustic transducers Interim technical report, 15 Apr. - 15 Jul. 1966	1966
19670068346	NASA/contractor management review meeting for Apollo lunar surface drill	1966
19670068347	Critical layer concept relative to hypersonic boundary layer stability	1966
19670068349	Development and/or establishment of processes to fluxless braze complex structures of aluminum alloys Interim engineering progress report, 16 Jun. - 15 Sep. 1966	1966
19670068350	Southwestern Industries, Inc. pressure switches, manufacturer's part numbers PS5116-100, -195, -375, and -700, NASA part numbers B10434443-11, -14, -15, and -18 Test report	1966
19670068351	Low power proportional control crystal ovens type M6 and N13 Quarterly report no. 3, 1 Jan. - 31 Mar. 1966	1966
19670068352	Monthly bulletin. Canadian upper air data, March 1966	1966
19670068353	Canadian ionospheric data, St. John's, July 1966	1966
19670068354	Exploratory development of a radiation damage exposure measurement technique First quarterly progress letter, period ending Aug. 31, 1966	1966
19670068355	The study of hydrocarbon fuel vapor phase deposits Quarterly progress report, 16 May - 16 Aug. 1966	1966
19670068357	A study of hazards in threshold networks	1966
19670068358	High power RF window study Third quarterly report, 1 Jan. - 31 Mar. 1966	1966
19670068359	Research investigation of corrosion-resistant materials for electrochemical cells First interim report, Jan. 12 - Aug. 15, 1966	1966
19670068360	5th report of JAC non-metallic materials sub-committee. Resinated asbestos materials	1966
19670068361	Quarterly progress report, April - June 1966	1966
19670068362	Planar technology for millimeter wave devices Final report, 1 May 1965 - 30 Jun. 1966	1966
19670068363	Hybrid associative computer study. Volume I - Basic report Final report, Oct. 1964 - Nov. 1965	1966
19670068364	Early post radiation reactions and their modification by chemical means	1966
19670068365	Review of recent developments, beryllium	1966
19670068366	Fallout phenomena symposium, part I	1966
19670068367	Cloud chemistry of fallout formation	1966
19670068368	Experimental determination of input for the prediction of fractionation effects	1966
19670068369	Simulation of particulate fallout	1966
19670068370	Some analytical methods leading to a determination of the approximate velocity field of the fireball	1966
19670068371	The energy cycle and the energy cascade of the atomic cloud	1966
19670068372	Comparison of nuclear fallout models	1966
19670068373	Transport and output processor modules for the DOD fallout prediction system	1966
19670068374	Differences in transport and deposition of close-in and intermediate fallout	1966
19670068375	The DOD land fallout prediction system	1966
19670068376	Predictions of some radiation properties of unfractionated and fractionated fallout fields	1966
19670068377	Gamma ray fields above rough contaminated surfaces	1966
19670068378	Disintegration rate multipliers in beta emitter dose calculations	1966
19670068379	Characteristics of the gamma-ray environment produced by fallout fields	1966
19670068380	Intensity--activity relations for Shot Small Boy	1966
19670068381	Introduction to long-term biological effects of nuclear war	1966
19670068382	Cloud development, particle circulation	1966
19670068383	Application of a powder lubrication system to a gas turbine engine Progress report, Mar. - Jun. 1966	1966
19670068386	Saturn IB vehicle handbook. Volume I - Vehicle description	1966
19670068387	Saturn IB vehicle handbook. Volume II - S-IB stage	1966
19670068388	Saturn IB vehicle handbook. Volume III - S-IVB stage	1966
19670068389	Saturn IB vehicle handbook. Volume IV - Instrument unit	1966
19670068390	Delta orbit error analysis	1966
19670068392	Observations on the Circulation of the Brain in Primates by Electromagnetic Flowmeter Technique	1966
19670068393	Research in Nuclear Theory Final Report, 15 Jun. 1964 - 15 Jun. 1966	1966
19670068394	Southwestern Industries, Inc. pressure switches manufacturer's part number PS3704-35, NASA part number B-10434297-3 Test report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068396	Nonequilibrium Gasdynamics Quarterly Report, Period Ending 31 Dec. 1966	1966
19670068397	Replica Grating Study Interim Report, 1 Jun. - 1 Dec. 1966	1966
19670068399	Analytical and Experimental Study, Using Photoelastic Methods, to Establish a Stress Analysis of a Viscoelastic Semiannual Status Report, 1 Apr. - 1 Oct. 1966	1966
19670068400	Pyrolytic refractory materials for spacecraft thrust chambers, pyrolytic composites of hafnium and zirconium carbides in graphite, 20 May 1965 - 20 September 1966	1966
19670068401	Basic Research Investigation on Flow Mechanism and Heat Transfer in Separated Flows Semiannual Status Report, 3 Apr. - 2 Oct. 1966	1966
19670068402	Radiative Energy Transfer on Entry into Mars and Venus	1966
19670068404	Hydrogen embrittlement tests of pressurized cylindrical and tensile specimens including conventional tensile tests on ASTM A-302-B steel, nickel modified Test report	1966
19670068405	Mission Valve and Pump Company one-quarter inch check valve manufacturer's part number 1-3530 NASA part number 75M05871-PCV-13 Test report	1966
19670068406	Study of associative processing techniques Final report, May 1965 - Mar. 1966	1966
19670068407	A woven plated-wire associative memory, appendix C	1966
19670068408	Custom Component Switches, Inc. pressure switch, manufacturer's part number 603GR5-26S, NASA drawing number 75M09618- PPS-1, sheets 17 to 21 and 153 to 157 Test report	1966
19670068409	Milli-Switch Corporation hermetically sealed switch, manufacturer's part number G29127 Test report	1966
19670068410	Micro Switch Company plunger actuated switches, manufacturer's part number 12HR28 TEST report	1966
19670068411	Combination Pump Valve Company 6000-psi union assembly with Disogrin Industries O-ring seal, manufacturer's part number - 58R-7, 50N-7, 58T-7, and 224 Test report	1966
19670068412	Norbatrol Electronics Corporation linear power controller, part number 102D581 Test report	1966
19670068413	Service arm control switch LC-39 INSTALLATION, operation, and trouble analysis	1966
19670068414	Kinetics Corporation roller plunger actuated switch, manufacturer's part number 1117-1 Test report	1966
19670068415	A least squares adjustment of constrained parameters for radar tracking system error evaluation	1966
19670068416	Vacco Valve Company two inch check valve, manufacturer's part number LCV-6P-X468 /DRAWING 9773-J, rev. E/, manufacturer's part number LCV-6P-X468 /drawing 9773-J, rev. H/, manufacturer's part number LCV- 31478 /drawing 31478-J/, NASA part number 75M05871-PCV-12 Test report	1966
19670068417	Robbins Aviation, Inc. 3 port globe metering valve, manufacturer's part number T-180, NASA part number B75M08876 Test report	1966
19670068419	Study of Spark Temperature Measurements as a Means of Deducing Static Temperature First Semiannual Progress Report	1966
19670068420	Corrosion prevention and purge practices for electrical equipment enclosures	1966
19670068421	Permanent Filter Corporation part number 18394-5 filter housing and elements, NASA PART number A75M-04406-PF-2 Test report	1966
19670068422	Feasibility study of large space erectable antenna Monthly progress report, 1-31 Dec. 1966	1966
19670068423	Broadband X-band klystron Third quarterly report, 1 Feb. - 30 Apr. 1966	1966
19670068424	Antenna spectrum signature data recording techniques Technical report, Apr. 1965 - Apr. 1966	1966
19670068425	Structures for 300-watt, 400-mhz VHF power transmission Interim technical report, 1 Apr. - 30 Jun. 1966	1966
19670068426	The propagation of shock waves in semilinear viscoelastic materials	1966
19670068427	The probability of clear lines of sight through a cloudy atmosphere	1966
19670068428	Dynamic pulse delay electronic machines with solitary delay duration intended for Czechoslovakian automatic computation machines EPOS 1 and EPOS 2	1966
19670068429	General Controls Company double-solenoid hydraulic valve part number AV14J1163 NASA PART number 75M08839, rev. C Test report	1966
19670068430	Preliminary criteria for propellant handling, Saturn C-5	1966
19670068431	Republic Manufacturing Company needle valve 3/4 inch manufacturers part number 154-12SS, NASA part number 75M06582-12 Test report	1966
19670068432	Theoretical and Experimental Investigation of Solid-state Mechanisms for Generating Coherent Radiation in the Ultraviolet and X-ray Regions Semiannual Report, 1 May - 31 Oct. 1966	1966
19670068434	Apollo lunar surface drill - Minutes of the first monthly review meeting	1966
19670068435	Boundary Layer Studies in an Arc-Heated Wind Tunnel Semiannual Report, 1 May - 31 Oct. 1966	1966
19670068436	Crack Propagation in Strain Controlled Fatigue	1966
19670068437	Study of Conceptual Deep Space Monitor Communications Systems Using a Single Earth Satellite. Volume I - Summary Final Report	1966
19670068438	The large-scale cultivation of unicellular green algae and the nutritive value of powdered algae	1966
19670068439	XC-142A VTOL transport program Monthly progress report, Mar. 1966	1966
19670068441	Particle Decay Widths of the Dipole States of ¹⁶ O	1966
19670068442	Energy Dissipation Characteristics in Tissue for Ionizing Radiation in Space Progress Report 1 Sep. - 30 Nov. 1966	1966
19670068443	Rocket Instrumentation Improvements Quarterly Status Report, 1 Jun. - 31 Aug. 1966	1966
19670068444	Large-area electronic display panel Quarterly progress report, 1 Mar. - 31 May 1966	1966
19670068445	Determination of the half-life of Hf-178m	1966
19670068446	Development of oxidation-resistant hafnium alloys Final report, 15 Jan. 1965 - 15 Apr. 1966	1966
19670068447	Honest John missile no. 621, round no. 532 RGL /2 August 1966/ Meteorological data report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068448	Planar converters for radioisotope generators Quarterly progress report, 1 May - 31 Jul. 1966	1966
19670068449	Hydrogen tankage for hypersonic cruise vehicles, phase I Final report, Jul. 1964 - Sep. 1965	1966
19670068450	Research on selective fluorination techniques Final report, 1 Nov. 1963 - 31 Dec. 1965	1966
19670068452	Reconnaissance exploitation test shelter Final technical report, 3 Nov. 1965 - 15 Jan. 1966	1966
19670068453	Engineering for modification of electro- optical surveillance research facility Final report, Apr. 1965 - Jun. 1966	1966
19670068454	SST phase II-C Monthly technical progress letter report, Aug. 1966	1966
19670068455	Generation of an elastic wave by quasi-static isentropic expansion of a gas in a spherical cavity, comparison between finite difference predictions and the exact solution Technical report, Dec. 1964 - Jun. 1966	1966
19670068456	Evaluation of a rotating anode design for the chromium plating of large gun tubes	1966
19670068457	Aerobee NRL NA 3.182 /2 September 1966/ Meteorological data report	1966
19670068458	Effect of manganese and lead in JP fuel on hot corrosion of superalloys in marine environment Progress report	1966
19670068459	Semi-rigid or non-rigid structures for re-entry applications Interim engineering progress report, 16 Dec. 1965 - 15 Mar. 1966	1966
19670068460	Infrared quantum counters Final technical report, 16 Oct. 1965 - 30 Jun. 1966	1966
19670068461	Active synthesis for significant reduction in magnitudes of reactive elements Final report, Jun. 1965 - Jun. 1966	1966
19670068462	Simulated laboratory to fuel cell experiment	1966
19670068463	Development of tough, high strength alpha-beta titanium-base alloys at 240,000-260,000 psi yield strength level Progress report, 26 Jun. 1965 - 25 Mar. 1966	1966
19670068464	Exploratory investigation of the effect of ring tails on the jet-on base pressure of a body of revolution at free-stream Mach numbers of 2.5 and 3.0	1966
19670068465	An FM magnetic tape recording seismograph	1966
19670068466	Investigation of instrumentation and simulation techniques for the supersonic combustion process Final report, Jul. 1965 Jun. 1966	1966
19670068467	Propulsion systems operation XB-70A air vehicle flight test program summary Summary test report, 21 Sep. 1964 - 8 Aug. 1966	1966
19670068468	Laser material /spectroscopy/ Semiannual report, 15 Dec. 1965 - 15 Jun. 1966	1966
19670068470	Analysis of flight acceleration records from aircraft engaged on pipeline inspection operations Interim report	1966
19670068471	Design and development of a 94 GHz ICEM /REGISTRATION mark/ coaxial magnetron Interim report, 15 Apr. - 15 Jul. 1966	1966
19670068472	Research and development on the effect and control of chatter vibrations in machine tool processes Phase I report, 1 Jul. 1965 - 31 Jul. 1966	1966
19670068473	Approximate constitutive equations for the short-time behavior of nonlinear viscoelastic materials Interim technical report	1966
19670068474	Linearity of gyro anisotropy torque versus acceleration level for gas and ball bearings	1966
19670068475	Investigation of flash X-ray techniques in soil dynamics and interaction problems Technical report, Mar. 1963 - Feb. 1966	1966
19670068476	Adaptive digital communications techniques Final report, 15 Jun. 1965 - 15 Jun. 1966	1966
19670068477	Development of the University of New Mexico soil stress gage Research report Jul. 1963 - Jan. 1966	1966
19670068478	Structural evaluation of beryllium solar panel spars Technical documentary report, Jul. 1963 - Nov. 1964	1966
19670068479	Paramagnetic resonance of trivalent chromium in Sc ₂ O ₃ and Y ₂ O ₃ Technical report, 1 Jan. - 31 May 1966	1966
19670068480	Foundational research/independent exploratory development programs Annual status report, fiscal year 1966	1966
19670068481	Glass laser damage research Semiannual technical report, Jan. - 30 Jun. 1966	1966
19670068482	Research for an elastic substrate for the elastic surface transformation technique Final report, 15 Nov. 1965 - 15 Jun. 1966	1966
19670068483	The application of slant thickness calculations between quadric surfaces to the description of vehicle and shield design	1966
19670068484	Protection of the aircraft fastener area	1966
19670068485	Speech processing for bandwidth compression Final report, 1 May 1965 - 30 Jun. 1966	1966
19670068486	Investigation of Perognathus as an experimental organism for research in space biology Summary report, 1 Jan. 31 Dec. 1966	1966
19670068487	Temperature regulation in the little pocket mouse, Perognathus longimembris	1966
19670068488	Hibernation characteristics in Perognathus longimembris	1966
19670068489	Preliminary report of free running rhythms of body temperature in Perognathus longimembris at 22 deg C and 10 deg C	1966
19670068490	Anatomy of the brain of Perognathus longimembris	1966
19670068491	A detonation tube technique for simulating rocket plumes in a space environment	1966
19670068492	Comparison of data from the Gemini flights and AEDC-VKF wind tunnels	1966
19670068493	Preliminary design of a nuclear blast ground shock simulator Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068494	Yellowstone National Park Thermal Studies /Test Site No. 11/ Progress Report	1966
19670068495	An Experimental and Theoretical Investigation of Turbulence Instabilities at Plasma-Magnetic Field Interfaces Semiannual Report	1966
19670068496	Optical and Infrared Masers Seventh Semiannual Status Report, Apr. 1 - Sep. 30, 1966	1966
19670068497	Absolute frequency measurements and spectroscopy of gas laser transitions in the far infrared	1966
19670068498	Study of collision effects in laser levels of neon	1966
19670068499	Further analysis of the transient 4.3 mu laser oscillation in CO2	1966
19670068500	Measurement of some molecular vibrational - rotational parameters with an infrared heterodyning technique	1966
19670068501	Molecular relaxation studies - Plans for a photon echo experiment	1966
19670068502	Spectroscopic studies of atomic oxygen using gas laser techniques	1966
19670068503	Interaction of a saturating optical field with crossing levels	1966
19670068504	Hyperfine structure and paramagnetic properties of excited states of xenon studied with a gas laser	1966
19670068505	Stimulated light-by-light scattering in self-trapping of optical radiation	1966
19670068506	Research with scanning electron beam microscopy Quarterly progress report, 16 May - 15 Aug. 1966	1966
19670068507	Electron beam bombardment of metal-oxide- semiconductor systems	1966
19670068508	Diffusion profile studies	1966
19670068509	Probing space charge regions in semiconductor devices	1966
19670068510	Electron-beam-induced inversion of planar silicon surfaces	1966
19670068511	Effect of a built-in electric field on electron-bombardment-induced currents at planar p-n junctions	1966
19670068512	Semiconductor film surface study	1966
19670068513	Semiconductor pair-production study	1966
19670068514	Selected area reflection diffraction	1966
19670068515	Secondary electron emission noise	1966
19670068516	Ultra high vacuum scanning electron microscopy	1966
19670068517	The Berkeley scanning electron microscope-I	1966
19670068518	Contrast formation in the scanning electron microscope	1966
19670068519	Development of composite structural materials for high temperature applications Quarterly report, 23 Nov. 1965 - 22 Feb. 1966	1966
19670068520	The fabrication of iridium and iridium-alloy coatings on graphite by plasma-arc deposition and gas-pressure bonding Quarterly progress report, 10 Apr. - 10 Jul. 1966	1966
19670068521	Development of composite structures for high-temperature operation Interim technical report, 1 Mar. - 30 Jun. 1966	1966
19670068522	Long range seismic measurements - Pile Driver, 2 June 1966	1966
19670068523	Mechanical properties, including fracture toughness and fatigue, and resistance to stress-corrosion cracking of stress-relieved stretched aluminum alloy extrusions Quarterly report, 15 Jun. - 15 Sep. 1966	1966
19670068524	Photographic laboratory equipment. Volume II - Cameras, washers and miscellaneous equipment	1966
19670068525	Preferential changes in electronic materials Interim report, 1 Apr. - 30 Jun. 1966	1966
19670068526	Research on selected quantum electronics problems Interim engineering report no. 2, 1 Jun. - 31 Aug. 1966	1966
19670068527	Nonlinear quantum studies. Mode locking in solid state lasers	1966
19670068528	Generation of single subnanosecond megawatt light pulses	1966
19670068529	Generation of hypersound with laser light	1966
19670068530	Large photoelastic anisotropy of sapphire, appendix A	1966
19670068531	An experimental programming language for teaching symbolic manipulation Interim technical report	1966
19670068532	Lift fan technology studies, part II	1966
19670068533	Ionization and electron loss simulation in atmospheric gases Final report, 1 Dec. 1965 - 1 Mar. 1966	1966
19670068534	Test and evaluation results of the high frequency Luneberg lens direction finder Interim report no. 1	1966
19670068537	Stellar Acquisition Feasibility Flights /STAFF/ Program progress report no. 42, Aug. 1966	1966
19670068538	Investigation of measurement techniques for obtaining airborne antenna spectrum signatures Final technical report, Apr. 1965 - Apr. 1966	1966
19670068539	The effect of neon bombardment on the corrosion of zirconium	1966
19670068540	Experimental techniques for purifying sodium	1966
19670068541	Early measures in the care of persons accidentally over-exposed to ionizing radiations	1966
19670068542	The effects of heat transfer on the compartment pressure of the Saturn V S-II/S-IVB interstage	1966
19670068543	Spacecraft digital data processor. Memory study Final report	1966
19670068545	Meteoroid protection system Final report	1966
19670068546	Some research pertaining to the problem of predicting the burning rate of cellulosic fuels Technical report, year ending Sep. 1, 1966	1966
19670068547	An X-ray photographic study of the reaction kinetics of alpha-cellulose decomposition	1966
19670068548	Pyrolysis effects in the transfer of heat and mass in thermally decomposing organic solids	1966
19670068549	A scale effect in the pyrolysis of solids	1966
19670068550	A transient heating technique for measurement of the thermal diffusivity of alpha-cellulosic materials	1966
19670068551	Some effects of size, orientation, and fuel molecular weight on the burning of fuel soaked wicks	1966
19670068552	Gross effects of inhibitor content in alpha-cellulose on ignition, active pyrolysis and extinction	1966
19670068553	Heat and mass transfer in a porous medium with chemically reacting gas flow through it	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068554	The adhesion of metal-alumina interfaces	1966
19670068557	Electron tube research Fourteenth quarterly progress report, 1 Mar. - 31 May 1966	1966
19670068558	A study of various factors causing deterioration in the performance of coded- pulse radars	1966
19670068559	Optimum signals reconsidered	1966
19670068560	Impulse-equivalent phase codes	1966
19670068561	Numerical evaluation of ambiguity functions	1966
19670068562	Generation of chirp signals	1966
19670068563	Generation of phase-modulated code using time-varying switch	1966
19670068564	Automatic frequency control for radar phase-coded signals	1966
19670068565	Design and construction of a divided-band amplifier using constant-resistance networks	1966
19670068566	Electrochemical reactions on ultraviolet - irradiated zinc oxide electrodes	1966
19670068568	Finite Fourier transform theory and its application to the computation of convolutions, correlations, and spectra	1966
19670068569	Hot-electron millimeter devices Final report, 1 Jun. 1965 - 31 May 1966	1966
19670068570	Ferrite rod and shortened HF antenna development program Final report, Jul. 1964 - May 1966	1966
19670068571	System safety engineering analysis techniques Final report	1966
19670068572	An infrared imaging system for launch and reentry measurements Report, Jan. 1965 - Jul. 1966	1966
19670068573	Three technical notes	1966
19670068574	Preparation of test gas mixtures containing ozone	1966
19670068575	A quick-change, high vacuum window and heat transfer gauge installation for shock tubes	1966
19670068576	A high sensitivity, low cost, electronic integrator	1966
19670068577	Electrification of polyethylene and polystyrene after gamma radiation	1966
19670068578	The nonlocal classic theory of dielectrics	1966
19670068579	Presence of enargite in combination with Crouzille pitchblende /Haute Vienne/	1966
19670068581	A new mineral species - Iranite, hydrated lead chromate	1966
19670068582	The presence of fergusonite and euxenite in Guiana	1966
19670068583	Diurnal variation of the number of eosinophils and of intraocular pressure	1966
19670068584	Study of superconductors by means of monochromatic phonons Sixth quarterly report, Sep. 17 - Dec. 16, 1966	1966
19670068585	Spacecraft rocket engine chamber insulation materials Second quarterly progress report, 1 Sep. - 30 Nov. 1966	1966
19670068586	Meeting on European Collaboration in Physics	1966
19670068587	How to improve the scientific level of the European journals of physics	1966
19670068588	The future of Il Nuovo Cimento	1966
19670068589	Should we have a European physical society /ques/	1966
19670068590	Scientific and technical policy followed in some European high-energy physics laboratories	1966
19670068592	The use of striaoscopic observation methods in boiling and de-aeration studies	1966
19670068594	ATS radiation damage experiment memory unit. Book I - Project summary Final engineering report	1966
19670068595	Research in photosynthesis Quarterly report, Sep. 6 - Dec. 6, 1966	1966
19670068596	Amorphous semiconductors Quarterly report, 3 Aug. - 2 Nov. 1966	1966
19670068597	Automatic malfunction analysis by discrete network simulation. Appendix B - Programmers reference manual. Discrete network simulation programs	1966
19670068598	Investigation of advanced thrust chamber designs Monthly progress report, Oct. 6 - Nov. 6, 1966	1966
19670068599	Ordered magnetism in solids Annual summary report, 1 Jan. 1965 - 31 Mar. 1966	1966
19670068600	Moessbauer studies of Fe 57 in orthoferrites	1966
19670068601	Synthesis and polymerization of fluorinated sulfur modified nitroso rubber Quarterly report, 26 Feb. - 26 May 1966	1966
19670068602	The chemical structure of methane-perchloric acid flames	1966
19670068603	Some non-destructive techniques used in the examination of solid propellant rocket motors in the United Kingdom	1966
19670068605	Transient subsonic viscous flow in the vacuum- air propulsion system	1966
19670068607	Experimental Studies of Hydrogen-air Ignition in a Supersonic Combustor /U/	1966
19670068612	Orbital Circularization Techniques Study Program /U/	1966
19670068613	Design and Development of the Castor IIA ROCKET Motor /U/	1966
19670068616	Supersonic wind tunnel tests of pylon dual rail sled configurations	1966
19670068617	Multicomponent strain seismograph Quarterly report no. 4, 1 Apr. - 30 Jun. 1966	1966
19670068618	Canadian ionospheric data. Resolute Bay, April 1966	1966
19670068619	Auxiliary power systems for spacecraft - An annotated bibliography, 1963 - April 1966	1966
19670068620	The effect on resistance of polymer additives injected into the boundary layer of a frigate model	1966
19670068622	Submerged-arc welding of Q.T.35 - The development of an N.C.R.E. experimental flux composition	1966
19670068623	Occurrence of low stratus and fog with easterly winds at Stephenville, Newfoundland	1966
19670068624	The ternary ofon-aluminum-carbon diagram for a carbon content of 3. percent	1966
19670068625	Precise tactical navigation /secure/ techniques Quarterly report no. 3, 1 Jan. - 31 Mar. 1966	1966
19670068626	Re-entry physics research Semiannual technical summary report, 31 Dec. 1965 - 30 Jun. 1966	1966
19670068627	The radiative combination of O and CO at 2943 deg K plus or minus 26 deg K	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068629	A note on the prediction of aerofoil profile drag at subsonic speeds	1966
19670068630	Investigations on an experimental single stage turbine of conservative design. Part 1 - A rational aerodynamic design procedure	1966
19670068631	An increment in total head in the neighbourhood of a leading-edge vortex	1966
19670068633	Scout A.H. Mk. 1 evaluation of G4F compass installation	1966
19670068635	I.L.S. feasibility study. Performance of I.L.S. test gear	1966
19670068636	Secondary power generating systems. XB-70 AIR vehicle flight test program summary, 21 September 1964 - 6 August 1966	1966
19670068639	The RCAF Observer, volume 12, number 2, 1966	1966
19670068640	USAF manned space navigation experiment on Gemini	1966
19670068641	Star altitude curves/stadimetric, a means for navigation in space	1966
19670068642	Anyone for ulcers /ques/	1966
19670068643	A practical and rapid method of establishing systematic errors in Doppler drift and airspeed	1966
19670068644	Maintenance engineering. Conventional and guided missile ammunition Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670068645	Shock tube performance of a Langmuir probe suitable for ballistic range applications	1966
19670068653	Inductive plasma conductivity probes	1966
19670068654	Large scale integrated circuit array Quarterly report, 15 May - 15 Aug. 1966	1966
19670068662	Project Apollo Third quarterly report, 1 Jul. - 1 Oct. 1966	1966
19670068663	Test and evaluation of piezoelectric accelerometers Final report, Jun. 29, 1965 - Dec. 29, 1966	1966
19670068664	Tables and figures related to the geomagnetic dipole field	1966
19670068666	Light scattering by plasmas	1966
19670068667	Lattice analogies for plane elastic problems Part 1 - Sheets of Poisson's ratio 0.33 and slabs of Poisson's ratio 0.25	1966
19670068668	EFCO Hydraulics, Inc. 6-inch nearly closed ball valve, manufacturer's part number E-2159, NASA part number 75M05867, FBV-1 TEST report	1966
19670068669	Flight test and evaluation of model 568T1 helicopter blade tip airspeed system installed in an SH-3A /HSS-2/	1966
19670068670	History of Gemini/Titan launch vehicle-9 at ETR	1966
19670068671	Integrated circuit techniques for computer - controlled processing	1966
19670068672	Modification of the Fjortoft graphical prognosis method	1966
19670068673	A study of in-air thermoplastic recording of charactron CRT displays Final report, 5 Jul. 1965 - 5 Aug. 1966	1966
19670068696	Canadian ionospheric data. St. John's, April 1966	1966
19670068697	NDRO memory Interim technical report, 1 Jan. - 31 Mar. 1966	1966
19670068698	Prephase I for design, fabrication, and orbital testing of a space structure First monthly progress report, 15 Jan. - 15 Feb. 1966	1966
19670068699	Liquid metal embrittlement Final report, 1 Sep. 1965 - 31 Mar. 1966	1966
19670068700	Wing fatigue test of a simulated model A-7A airplane	1966
19670068701	Goonhilly Earth Station - Beacon receiver	1966
19670068702	Evaluation test on capacitors, fixed, polyester dielectric metallized, type 218P	1966
19670068704	Acoustic wave propagation in cadmium sulfide Final report	1966
19670068707	Displacement cascades in diatomic solids	1966
19670068708	Compatibility studies of uranium and uranium-plutonium oxycarbides with type 316L steel	1966
19670068709	The yield of excited atoms in a beam formed by charge exchange in a partially ionized gas target	1966
19670068710	An investigation into the possibility of using extrusion as a method of forming high strength fibre structures	1966
19670068711	An apparatus for the measurement of the flexural strength of degassed graphite in high vacuum at elevated temperatures	1966
19670068712	Asymmetric co-operative scattered light spectrum in a thetatron plasma	1966
19670068713	The Burgers vector of dislocation loops in graphite	1966
19670068714	Compatibility studies between arc cast /U0.85Pu0.15/-C and type 316L stainless steel	1966
19670068720	Wall-temperature fluctuations during boiling in a heating tube	1966
19670068721	An experimental investigation into radio propagation at 11.0 to 11.5 Gc/s Research report, Aug. 1961 - Jan. 1965	1966
19670068722	Perturbation calculation of electrostatic fields for a charged perturbed dielectric surface Interim technical report, 1 Oct. 1965 - 30 Jun. 1966	1966
19670068724	Non-LTE line formation with spatial variations in the Doppler width	1966
19670068725	XC-142A VTOL Transport Program Monthly progress report, May 1966	1966
19670068753	Chatter behavior of heavy machine tools Quarterly technical report, 1 Jan. - 31 Mar. 1966	1966
19670068755	Microwave optical receiver techniques Final technical report, 1 Jun. 1965 - 1 Jun. 1966	1966
19670068756	The standard atmosphere used by BRL for trajectory computations	1966
19670068758	Development of solid-state computing circuits First interim technical report, 1 Jun. - 31 Aug. 1966	1966
19670068759	Cyclic hot salt stress corrosion of titanium alloys Quarterly progress report no. 2, 1 Jun. - 31 Aug. 1966	1966
19670068763	A trace contaminant analysis test on air samples	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068768	Techniques for the control of integrated circuit quality and reliability Interim engineering progress report, 1 Nov. 1965 - 28 Feb. 1966	1966
19670068770	A study of magnetic and acoustic excitations at microwave frequencies in solids Final report, 2 May 1965 - 1 May 1966	1966
19670068771	Collective waves or diffraction waves in CdS	1966
19670068772	Collective acoustoelectric waves in piezoelectric materials	1966
19670068775	The Foxboro Company absolute pressure transmitter, manufacturer's model number 611AH-A52, NASA part number A75M13073 /NPT-15/ Test report	1966
19670068776	J. E. Lonergan Company part numbers D-10-E/L3 and D-30-D/L3, cryogenic relief valves, NASA part numbers 75M13138 HRV-6 AND 75M13141 LRV-2 Test report	1966
19670068777	J. E. Lonergan Company relief valve, manufacturer's part number 34W-200-1/2, NASA PART number 75M13141-LRV-3C Test report	1966
19670068778	Marsh Instrument Company temperature gage, NASA p/n 75M07538-1 rev. B Test report	1966
19670068779	Results of facilities and environmental measurements during AS-202 launch	1966
19670068780	Results of sound pressure level measurements during altitude chamber tests K-0067 and K-0069	1966
19670068781	Rivett Lathe and Grinder, Inc. hydraulic backpressure valve, manufacturer's part number Z-2818 and Z-2764A, NASA part number 75M08819 rev. C Test report	1966
19670068787	Reliability and quality assurance Bimonthly status report, Jul. - Aug. 1966	1966
19670068788	Data conditioning and display for Apollo prelaunch checkout. Single parameter data compression and display	1966
19670068791	Interagency Chemical Rocket Propulsion Group. Design automation working group, 16th meeting bulletin	1966
19670068792	The ignition transient of a solid propellant rocket motor, appendix A	1966
19670068793	Proton-proton bremsstrahlung	1966
19670068795	The development of a vertical strain gauge balance strut for jet blowing V/STOL models	1966
19670068797	The pressure distribution at zero-lift on a slender delta wing at transonic speeds	1966
19670068798	A syntax-directed compiling technique	1966
19670068799	Collection and analysis of micrometeorites Semiannual status report, 1 Jun. - 1 Dec. 1966	1966
19670068800	Constitutive Equations for Nonviscometric Flows Progress Report, Jul. 1 - Dec. 31, 1966	1966
19670068803	Factors determining engine installation drag on subsonic and supersonic long-range aircraft	1966
19670068804	Developments in the periodic inspection of reactor primary circuit pressure components of nuclear reactors	1966
19670068805	Advanced Theoretical and Experimental Studies in Automatic Control and Information Systems Semiannual Status Report, 1 Jul. - 31 Dec. 1966	1966
19670068806	Crack Propagation in Strain Controlled Fatigue Semiannual Report	1966
19670068809	Reentry Radiation and Air Flow Quarterly Progress Report, 1 Sep. - 30 Nov. 1966	1966
19670068810	A Study of Phycophysiology in Controlled Environments Semiannual Status Report, 1 Apr. - 30 Sep. 1966	1966
19670068811	Interdisciplinary Studies of the Effects of the Space Environment on Biological Systems Semiannual Status Report, 1 May - 31 Oct. 1966	1966
19670068813	The dynamic stability derivatives of a slender wing, a comparison of theory with free-flight model tests at near-zero lift, M equal 0.8 to 2.4	1966
19670068816	Airblast phenomena	1966
19670068817	Fabrication of Fansteel 85 metal sheet Final report, 24 Jun. - 24 Dec. 1965	1966
19670068818	Study of an optical high resolution camera system	1966
19670068819	Breakdown mechanisms for laser-induced plasmas in super-high pressure gases	1966
19670068820	Comparison of some British and American interference measuring sets	1966
19670068821	Ammonia production systems integration Final report, 22 Jun. 1965 - 22 Feb. 1966	1966
19670068822	Interagency Chemical Rocket Propulsion Group. Mechanical Behavior Working Group, fifth meeting, volume 1	1966
19670068823	Strain measuring extensometer	1966
19670068824	Evaluation of a microbone test sample	1966
19670068825	Predicting propellant storage life by superposition	1966
19670068826	A micro test specimen for evaluation of propellant tensile properties	1966
19670068827	Dependence of solid propellant failure properties on binder network characteristics and filler content	1966
19670068828	On the simple tensile deformation of an incompressible rubber matrix filled with non-adherent rigid spheres of uniform size distribution	1966
19670068829	The mechanical behaviour of rubbers containing fillers of bimodal size distribution	1966
19670068830	The character of the stress-strain function for solid propellant	1966
19670068831	Influence of solids particle size on propellant mechanical behavior in a triaxial stress field	1966
19670068832	Microstructural behavior of filler reinforced elastomeric systems	1966
19670068833	Microstructural response and failure mechanism in solid propellants	1966
19670068834	Binder microstructure and mechanical properties of thin propellant films	1966
19670068835	Dynamic mechanical properties of solid propellants and propellant binders /II/	1966
19670068836	Dynamic shear moduli of a polyurethane propellant	1966
19670068837	Progress in the structural analysis of solid propellant rocket motors	1966
19670068838	Adaptation of the finite-element stiffness method to viscoelastic, steady-state sinusoidal vibration solutions	1966
19670068839	Dynamic analysis of solid propellant grains using the finite element method /direct stiffness method/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068840	Analysis of coupled thermo-viscoelastic response of rods and slabs subjected to cyclic loading	1966
19670068841	The role of fracture mechanics in the design of optimum grain-case terminations	1966
19670068842	Stress distributions at variously shaped corners in plates bonded on two long edges, and subjected to restrained shrinkage	1966
19670068843	Summary of photoelastic design data for rocket grain configurations	1966
19670068844	Nonlinear plane stress analysis applicable to solid propellant grains	1966
19670068845	Structural analysis of a portion of the cast-double-base manufacturing process	1966
19670068846	Entropy, fading memory and Onsager's relations	1966
19670068848	Mechanical and failure properties of an 86 percent solids PBAN propellant in multiaxial stress fields	1966
19670068849	Prediction of useful life of propellant-liner bonds subjected to aerodynamic heating	1966
19670068850	Evaluation of propellant behavior with fiberglass analogue motors	1966
19670068851	Time-dependent failure of viscoelastic materials under cyclic loads	1966
19670068852	Effects of strain dependent relaxation upon the strain distribution at star tips during motor firing	1966
19670068853	Biaxial stress-strain and fracture studies of a propellant material	1966
19670068854	An engineering approach to multiaxial failure in solid propellants	1966
19670068855	Fatigue failure in linearly viscoelastic materials	1966
19670068856	Progress in the Navy contract research program on the mechanical behavior of solid propellant grains	1966
19670068861	30 MHz low-power thin-film Ndro memory Technical documentary report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670068862	Study and investigation leading to the design of a variable time delay traveling-wave tube Technical report, 25 Jun. 1965 - 26 Jun. 1966	1966
19670068863	Surface properties of powdered metals	1966
19670068864	Study and investigation of an improved proton maser antenna Final report	1966
19670068865	Measurements of the spectra of uncollided fission neutrons transmitted through thick samples of nitrogen, oxygen, carbon and lead - Investigation of the minima in total cross sections	1966
19670068866	Review of recent developments. Mechanical properties of metals	1966
19670068867	Laser devices exploratory investigation Final technical documentary report, 2 May 1963 - 2 May 1966	1966
19670068868	Nike-Apache STV /SR-037/ /9 September 1966/ Meteorological data report	1966
19670068869	Nike-Hydac MK 12 STV /SR-038/ /20 September 1966/ Meteorological data report	1966
19670068870	Long-period seismograph development Quarterly report no. 1, 1 Jul. - 30 Sep. 1966	1966
19670068871	Low-energy electron scattering from atoms and molecules - A model Report, Jan. - Jul. 1964	1966
19670068872	Magnitude studies conducted under projects VT/5054 and VT/5055	1966
19670068873	Landing gear and drag chute systems Summary test report, 21 Sep. 1964 - 6 Aug. 1966	1966
19670068874	Study of microwave generation utilizing double-stream instabilities in anisotropic media Tenth quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670068877	Take-off tests on a transport aircraft including the use of a "SCAT" take-off director	1966
19670068881	Pershing Alignment Amplifier Tests	1966
19670068882	Formula manipulation in ALGOL 60	1966
19670068883	Athena D-036, flight number 055 /13 October 1966/ and athena D-035, flight number 056 /13 October 1966/ Meteorological data report	1966
19670068904	Optical astronomy package feasibility study for Apollo application program	1966
19670068905	The embrittlement of oxide films on zirconium by neutron irradiation	1966
19670068906	The elongation to fracture of unbonded cermets	1966
19670068907	The effect of irradiation temperature on the scattering of long wavelength neutrons by defects in neutron-irradiated graphite	1966
19670068908	Radial oscillations of a plasma cylinder with arbitrary density distribution	1966
19670068909	The retention and metabolism of inhaled iodine vapour	1966
19670068917	Demonstration in the toroidal apparatus of voltages in excess of 80,000 volts Quarterly progress report, 24 Sep. - 23 Dec. 1966	1966
19670068919	Design Considerations of Reusable Launch Vehicles, Volume IV. Maneuverable Class Vehicles, Book 2 /U/ Final Report	1966
19670068921	Research directed toward development of a coherent infrared ranging and seeker system /U/ Final report	1966
19670068922	Design Considerations of Reusable Launch Vehicles, Volume III. Large Ballistic Launch Vehicles /U/ Final Report	1966
19670068923	Low-cost battery for proximity fuzes /U/ Interim report, period ending 1 Oct. 1965	1966
19670068929	Techniques for Continuous Growth of Hydrogenomas Bacteria Progress Report, May 1 - Oct. 31, 1966	1966
19670068932	Design criteria for control of space vehicles, volume II. Part 4 - Stochastic effects	1966
19670068933	An Investigation of Skeletal Response to Immobilization Semiannual Progress Report, Jul. 1 - Dec. 31, 1966	1966
19670068935	Network performance analysis of the AS-202 MISSION	1966
19670068936	An Experimental Investigation of the Effects of Low Pressures on Cellular Ultrastructure and Cytochemistry in Plants Semiannual Progress Report, Apr. 1 - Oct. 1, 1966	1966
19670068937	Some Excretory Products of Chlorella Pyrenoidosa	1966
19670068938	Evaluation of thermal, ultrasonic and photostress techniques for detecting lack-of- fusion in aluminum weldments	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068939	The Measurement of Physical Properties Including the Grueneisen Constant, on Lunar Geological Specimens Semiannual Status Report No. 1, 15 Jun. - 15 Dec. 1966	1966
19670068940	Overpressure testing of flight acceleration facility vacuum caps for Manned Spacecraft Center manned centrifuge	1966
19670068941	Utilization of Excretory Products of Chlorella Pyrenoidosa by Selected Bacteria	1966
19670068942	Limited Growth of Bacteria in Cultures of Chlorella Pyrenoidosa TX 71105	1966
19670068966	Introduction to ballistics, rockets and rocket ballistics Selected parts	1966
19670068967	Space flight vehicle ducting vacuum jackets. A study to advance the state-of-the-art Final report, Jun. 1964 - Oct. 1966	1966
19670068977	Study on Optical Communication Experimental Facility Summary Report, Mar. - Dec. 1966	1966
19670068980	Study and analysis of satellite power systems configurations for maximum utilization of power, phase I Technical report, 18 May 1965 - 18 Jul. 1966	1966
19670068981	Specified LSSM design study Final report	1966
19670068985	Laboratory model storage diode pulse modulator Final report, 29 Jun. - 2 Nov. 1966	1966
19670068988	A theory of pion absorption applied to the reaction $Li6 / \pi \text{ minus}, 2n / He4$	1966
19670068989	The Effect of Ablation Products on Gemini Reentry Communications Final Report	1966
19670068993	Investigations of the distribution of molecular weight of humin substances by gel filtration of sephadex	1966
19670068994	Effect of crystallographic orientation on microhardness of nickel monocrystals	1966
19670068997	Photometric profiles of comet heads in monochromatic light	1966
19670068999	The theory of the anode fall. V - Hissing of solid-carbon high-current arcs in air	1966
19670069000	Metals with finely dispersed nonmetallic additives	1966
19670069001	Turbulent boundary layer on a flat wall in a highly turbulent flow	1966
19670069002	Test program on thin-walled tubes with zero thermal gradient Quarterly report	1966
19670069007	ASSET. Volume IV - Correlative analysis of heat transfer data /U/ Final report, Apr. 1961 - Jan. 1966	1966
19670069022	Signature program for surface targets /U/ Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670069024	SA-203 Vehicle Data Book /U/	1966
19670069025	TOW helicopter /U/ Quarterly technical report, 1 Jan. - 31 Mar. 1966	1966
19670069029	Apollo experiments pallet Final report	1966
19670069030	Inverters for motors study program Second quarterly progress report, Sep. 10 - Dec. 10, 1966	1966
19670069031	Development program for a ringsail parachute /century series/ Final report	1966
19670069033	Theoretical study of the two-dimensional panel flutter and panel divergence in subsonic flow /II/	1966
19670069034	1,1'-disubstituted ferrocene derivatives	1966
19670069035	Studies on the effective heat transfer through a packed bed	1966
19670069036	Nightglow excitation and maintenance of the nighttime ionosphere by low energy protons Report, Dec. 1964 - Feb. 1966	1966
19670069037	Ion probabilities program, appendix A	1966
19670069038	Ion distribution program, appendix B	1966
19670069039	Photoconduction measurements on doped single crystals of CdS	1966
19670069041	XB-70A flight test - Structural temperatures and thermal environment Summary report, Sep. 1964 - Sep. 1966	1966
19670069042	Periodic suction boundary layers	1966
19670069043	Advanced wire-wound tungsten nozzles Quarterly engineering progress report, 1 May - 31 Jul. 1966	1966
19670069047	Plant physiology. On the mechanism of adaptation to extreme osmotic conditions in Dunaliella salina. I. Physiological reactions to variations of the osmotic environment	1966
19670069055	Restart capability study Apollo service propulsion system Final report	1966
19670069063	Restart capability study Apollo service propulsion system Summary report	1966
19670069064	Restart capability study Apollo service propulsion system Bipropellant valve test	1966
19670069071	J-2 Program /U/ Bimonthly progress report, Sep. - Oct. 1966	1966
19670069072	Exploratory development program for a lightweight solid rocket pulse motor Addendum to final report, 31 Jan. - 6 May 1966	1966
19670069078	Restart capability study Apollo service propulsion system nozzle extension materials test	1966
19670069081	An altitude thrust vector control investigation of hot gas and liquid /N2O4/ injectors in 300 - 1 area ratio nozzles /U/ Technical report, 17 Sep. 1965 - 6 May 1966	1966
19670069082	Advanced cryogenic rocket engine program staged-combustion concept /U/ Quarterly technical report no. 2, 1 Jun. - 31 Aug. 1966	1966
19670069085	Characterization and evaluation of light metal hydrides /U/ Quarterly report, 1 May - 31 Jul. 1966	1966
19670069086	Advanced thrust chamber for space maneuvering propulsion /U/ Quarterly report, 16 May - 15 Aug. 1966	1966
19670069087	Advanced Turbine Engine Gas Generator /ATEGG/ /U/ Final report, 1 Jul. 1965 - 26 Apr. 1966	1966
19670069088	Burning rates of solid composite propellants at pressures up to 20,000 psig /U/	1966
19670069091	PEM study for the mass production of visible and near infrared fiber optic plates /U/	1966
19670069094	Research on fluoroexplosives, part II /U/ Final report, 1 Dec. 1963 - 31 Dec. 1965	1966
19670069095	LMH-1/hydrazine heterogeneous propellant development /U/ Quarterly technical report, 16 May - 15 Aug. 1966	1966
19670069097	Pulse Doppler Seeker /U/ Final report, 20 Jan. 1964 - 30 Jun. 1966	1966
19670069098	Research in fluoro-nitro compounds /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069099	Analytical and experimental investigation of air-augmented rockets to determine thrust minus drag /U/ Quarterly progress report no. 4, 1 Apr. - 30 Jun. 1966	1966
19670069100	Airborne spectral-reconnaissance system. VELA cloud gap program /U/ Final report, Oct. 1964 - Apr. 1966	1966
19670069101	Accuracy of selected intercept techniques /U/	1966
19670069102	Advanced ramjet concepts program, 1965. Volume III - Ejector scramjet analysis /U/ Final report, 1 Mar. 1965 - Apr. 1966	1966
19670069103	Advanced ramjet concepts program, 1965. Volume VI - Advanced variable area nozzle technology /U/ Final report, 1 Mar. - 31 Nov. 1965	1966
19670069104	Analysis of multiple application criteria laser semi-active missile system /U/ Final report	1966
19670069105	An analysis of the MICOM/SRI television contrast tracker in homing seeker applications /U/	1966
19670069106	Advanced propellant synthesis /U/ Report, 1 Apr. - 30 Jun. 1966	1966
19670069109	High current density, short life cathodes for linear-beam tubes /U/ Quarterly report, 1 Feb. - 30 Apr. 1966	1966
19670069110	Manufacturing-process for energetic storable liquid oxidizer /U/ Interim engineering progress report, 15 Apr. - 14 Jul. 1966	1966
19670069111	Investigation of rigid and expandable rocket nozzles at Mach numbers from 1.8 to 3.0 /U/ Technical report, 25 Mar. - 9 May 1966	1966
19670069114	Firing results, Picatinny Arsenal miniature boost motor /U/	1966
19670069115	High performance large motor demonstration test firing program, project 3047 /U/ Final program report	1966
19670069116	Investigation of decomposition catalysts for 98 percent hydrogen peroxide /U/ Quarterly report, Jun. - Sep. 1966	1966
19670069118	Multivariable parameter identification for self-adaptive control of a simulated gliding re-entry vehicle /U/ Final report, 15 Jun. - 10 Dec. 1965	1966
19670069125	Experiment critique and RVIP instrument data validation. Conductivity gage /U/	1966
19670069130	High density, high temperature binders for solid propellants /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670069131	High power VHF tube development program /U/ Technical progress report, Apr. 1 - Jun. 30, 1966	1966
19670069132	Feasibility investigation of constant-volume combustion /U/ Technical report, Jun. 30, 1965 - Jun. 30, 1966	1966
19670069134	Fasor I - One-way transmission pseudorandom signal correlation measurements /U/ Research and development report, Apr. 1964 - Jun. 1966	1966
19670069135	Basic chemical research for advanced storable liquid oxidizers /U/ Quarterly report, Jun. 1 - Aug. 31, 1966	1966
19670069136	Investigation of high performance solid propellants with favorable radar attenuation characteristics - Mechanisms which cause radar attenuation /U/ Quarterly progress report, 11 May - 10 Aug. 1966	1966
19670069137	Project TIARA handbook /U/ Summary report, 1961 - 1965	1966
19670069138	Flame temperature measurement of metalized propellant /U/ Final report, 1 May 1965 - 27 Jun. 1966	1966
19670069140	Investigation of cyano compounds as flame Ge agents /U/ Final report, Apr. 1965 - May 1966	1966
19670069141	Investigation of the thermodynamic properties and the decomposition kinetics of propellant ingredients /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670069142	High energy oxidizer stabilization /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670069143	Research and development of glass microchannel arrays /U/ Final technical report, Dec. 10, 1964 - Apr. 1, 1966	1966
19670069144	M-code study program /U/ Interim technical report, Feb. - Oct. 1965	1966
19670069145	Gyro evaluation in TRW four-position gyrocompass mode /U/ Final report	1966
19670069146	Miniature gyro study for TRW four-position gyrocompass /U/	1966
19670069147	Investigations of hydrides and combustion /U/ Final report, 1 Jun. 1965 - 31 May 1966	1966
19670069148	Kinetics of decomposition of solid oxidizers /U/ Quarterly technical report, 1 Apr. - 30 Jun. 1966	1966
19670069149	High chamber pressure staged combustion research program /U/ Final report, 19 Oct. 1964 - 18 Oct. 1965	1966
19670069150	E-2A overland program six-month flight test evaluation /U/ Final report	1966
19670069151	Gas generator Mark 1 Mod O /Sidewinder 1A/ type-life program /U/ Final report	1966
19670069153	On distributed communications. XII - Weak spots and proposed patches in the digital distributed communications system /U/	1966
19670069154	Development of propellants containing an energetic oxidizer /U/ Quarterly technical progress report, 1 Jun. 1965 - 31 May 1966	1966
19670069155	High-pressure research toward high-energy propellants /U/ Quarterly progress report	1966
19670069156	Engineering property data on rocket propellants /U/ Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670069157	Charged particle accelerometer /U/ Final report, 21 May 1965 - 21 Jan. 1966	1966
19670069158	Research in fluorine chemistry /U/ Final report, 1 May 1965 - 15 Jun. 1966	1966
19670069159	Inorganic halogen oxidizers /U/ Annual summary report, 29 May 1965 - 28 May 1966	1966
19670069160	Microchannel image intensifier tube studies Second interim technical progress report, 17 Sep. 1965 - 16 Mar. 1966	1966
19670069161	Spectral measurement of the tow flight motor plume /U/ Final report, Jan. - Mar. 1966	1966
19670069162	Official altitude qualification tests of a Pratt and Whitney aircraft TF30-P-1 TURBOFAN engine /first attempt/ /U/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069163	Electrostatically focused microchannel inverter tube /U/ Interim technical report, 29 Sep. 1965 - 28 Feb. 1966	1966
19670069164	An experimental study of the force characteristics of a series of cruciform thrust deflectors used as control devices, July 1964 - September 1965 /U/	1966
19670069166	Economic aspects of major extensions in spacecraft life /S-2/, volume I - Sections I, II, and III /U/ Final technical report, 7 Feb. - 26 Aug. 1966	1966
19670069167	Economic aspects of major extensions in spacecraft life /S-2/, volume II - Sections IV, V, and VI /U/ Final technical report, 7 Feb. - 26 Aug. 1966	1966
19670069168	Economic aspects of major extensions in spacecraft life /S-2/, volume III - Sections VII and VIII /U/ Final report, 1 Feb. - 26 Aug. 1966	1966
19670069173	Theoretical and experimental study of extinguishable solid propellants /U/ Final report, 16 Jun. 1965 - 30 Apr. 1966	1966
19670069174	Propulsion Laboratory /U/ Technical status report, Jan. - Mar. 1966	1966
19670069175	A study of vortex effects in spinning rocket motors /U/	1966
19670069186	Correlations of flow rarefaction effects for cone and sphere drag and their application to oscillating R/V ballistic coefficient prediction /U/	1966
19670069189	Research in fluoro-nitro compounds /U/ Summary report, 1 Oct. 1964 - 30 Sep. 1965	1966
19670069190	Investigation of the mechanism of solid propellant burn rate /U/ Quarterly technical report no. 3, 1 May - 31 Jul. 1966	1966
19670069192	IR detector research /U/ Interim technical report, 15 May - 14 Aug. 1966	1966
19670069193	Research and development toward a castable, temperature resistant plastic bonded explosive /U/ Quarterly reports, Jan. - Jun. 1966	1966
19670069194	Preparation of hypergolic liquid propellant combinations /U/ Final report, 15 Jun. 1965 - 15 Jun. 1966	1966
19670069195	Functionally terminated high energy prepolymers /U/ Quarterly technical summary report no. 1, 29 Apr. - 31 Jul. 1966	1966
19670069198	Radially distributed annular combustor for packaged liquid rocket engines /RADARC state of the art program/ /U/ Quarterly report no. 1, 11 Apr. - 10 Jul. 1966	1966
19670069199	Non-planar reflector array study /U/ Quarterly interim report no. 1, 28 Jun. - 28 Sep. 1965	1966
19670069200	Static force tests of a high L/D CONFIGURATION at Mach 2.5, 3.5, 6, and 8 /U/ Report, 3 Mar. - 14 Jun. 1966	1966
19670069201	Develop single-stage 25mm image intensifier tubes /U/ Quarterly technical report no. 1, 20 May - 31 Aug. 1966	1966
19670069202	Basic effects produced by nuclear radiations in explosive solids /U/ Final report, Apr. 1964 - Feb. 1966	1966
19670069203	Stability of LMH-2 in liquid carriers /U/ Quarterly report no. 1, 6 Jan. - 31 Mar. 1966	1966
19670069204	Research and development on a long-wavelength infrared mosaic terminal guidance technique /U/ Quarterly report no. 1, period ending 30 Jun. 1966	1966
19670069205	High performance air defense propulsion system program /U/ Final report, 1 Jul. 1964 - 31 Mar. 1966	1966
19670069210	Four channel advanced polarization diversity autotrack receiver, volume I	1966
19670069211	Four channel advanced polarization diversity autotrack receiver, volume II	1966
19670069212	Modular nuclear vehicle study, phase II, MID-TERM presentation	1966
19670069213	An experimental analysis of the micro- neuroanatomy of the central nervous system, 1 April - 30 September 1966	1966
19670069214	Ecological Relationships Between Bacteria and Algae in Photosynthetic Gas Exchangers Final Report, 1 May 1963 - 30 Apr. 1966	1966
19670069217	Modular nuclear vehicle study, phase II. VOLUME VII - Ground test module design	1966
19670069218	Studies on shock wave pressure-time gauges. XI - The use of epoxies in case and element construction	1966
19670069219	Research and development program for a bonded cylindrical structure utilizing bonded longitudinal metal stiffeners, phases I and II Test report	1966
19670069220	Preference for locus of punishment in a fixed-ratio performance	1966
19670069222	Black Brant IIA preparation and launching data	1966
19670069223	A study of earth wall movements caused by strong ground shocks from a surface explosion	1966
19670069224	Dynamic tests of fiberglass plates subjected to blast-type loading	1966
19670069225	Radiation dose rates from plutonium oxide- beryllium oxide mixtures	1966
19670069227	Study of the acute toxic effects, metabolism and pharmacological activity of the organic NF compounds designated NFPA, TVOPA, PFG, AND R Final report, Jun. 1964 - Sep. 1965	1966
19670069228	Improved fuel cell power system for Apollo extension system missions Final report	1966
19670069230	Grove Valve and Regulator Company pressure regulator, manufacturer's number 94W, figure number M-12951-N, NASA part number 75M02156-2 rev. E Test report	1966
19670069231	Effects of High and Low Barometric Pressures on Susceptibility and Resistance to Infection Quarterly Status Report, 1 Oct. - 31 Dec. 1966	1966
19670069232	Avica Corporation Bellows Assemblies, Manufacturer's Part Numbers 12853, 12861 and 12867, NASA Part Numbers 75M02106, 75M02504 and 75M02496	1966
19670069233	Program for design of a common bulkhead chemical propellant stage	1966
19670069236	Sixth Quarterly Progress Report, November 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069239	Extruding and drawing molybdenum to complex thin H-section Sixth interim technical engineering report, 15 Jan. - 15 Jun. 1966	1966
19670069240	Definition of Experiment Program in Space Operations, Techniques and Subsystems /Independent Manned Manipulator - IMM/, VOLUME I Final Report	1966
19670069241	Definition of experiment program in space operations, techniques and subsystems /Independent Manned Manipulator - IMM/, VOLUME II Final report	1966
19670069242	Investigation of psychrophilic lipid metabolism Quarterly report, 1 Mar. - 1 May 1966	1966
19670069243	Manual of operations. Volume II Pressure store	1966
19670069244	An investigation of the influence of cyclic prestressing on fatigue of metals Third progress report, 18 Apr. - 18 Oct. 1966	1966
19670069245	RL10 Rocket Engine Monthly Technical Report, 1 Aug. - 1 Sep. 1966	1966
19670069246	Circadian rhythms in primates as influenced by latitude, longitude, gravity and confinement Semiannual progress report, 1 May - 31 Oct. 1966	1966
19670069247	Seventh Semi-annual Report, Period Ending 31 Dec. 1966	1966
19670069249	RL10 Rocket Engine Monthly Technical Report, 1 Sep. - 1 Oct. 1966	1966
19670069250	Mechanics of integration and behavior in planaria Progress report	1966
19670069252	Semiannual Report, 1 Apr. - 1 Oct. 1966	1966
19670069256	Thermodynamic improvements in LH2 turbopumps Quarterly progress report, period ending 17 Dec. 1966	1966
19670069260	Nimbus meteorological satellite integration and testing Quarterly progress report, 16 Aug. - 15 Nov. 1966	1966
19670069261	Grove Valve and Regulator Company pressure regulator, manufacturer's part number 11131K066A, model number 202B	1966
19670069262	Tests to experimentally determine the natural frequencies of the acoustic facility 116 test stand, Marshall Space Flight Center	1966
19670069264	Development of a zinc/oxygen battery system for space vehicle application Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670069266	Investigation of the neurological correlates of information reception Progress report, 1 Jul. - 31 Dec. 1966	1966
19670069267	EBW firing unit development Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670069268	Flight test results of Black Brant IIB ROCKET vehicles /CC-II-49 and 61/ fired at Churchill Research Range, October 1964	1966
19670069269	DRTE radio frequency electron density probes	1966
19670069272	Prove-in Mach 8 contour nozzle at University of Michigan	1966
19670069273	Hypersonic configuration study	1966
19670069274	Supersonic pressure distribution and axial drag on nose sections at angle of attack	1966
19670069275	Handbook of supersonic aerodynamics /NAVWEPS 1488/	1966
19670069276	Mixing devices to delay separation in supersonic flows	1966
19670069277	Adaptive systems	1966
19670069278	Radome thermal stress investigation	1966
19670069279	Numerical solutions of axisymmetric thermal stress problems	1966
19670069280	Vibration studies	1966
19670069281	Transpiration cooling and thermal studies	1966
19670069282	Radome thermal stress tests	1966
19670069283	Limitations of radome materials	1966
19670069284	High-temperature structures and materials	1966
19670069285	High-temperature technology	1966
19670069286	Maser research program	1966
19670069288	Microelectronic packaging	1966
19670069289	Thin-film technology development	1966
19670069290	Chip bonding program	1966
19670069291	Semiconductor diffusion technology	1966
19670069292	Radar scattering from the sea	1966
19670069293	Research on ultra-high impulse propellant systems, 1 July 1960 - 30 June 1966 /U/	1966
19670069294	SSLV-5 no. 11 post firing flight test report /U/	1966
19670069295	Synthesis of LMH-2 /U/ Quarterly progress report, Apr. 4 - Jul. 3, 1966	1966
19670069296	XM46 gyrosystem /U/ Summary report, 1 Jan. - 31 May 1966	1966
19670069309	Advanced ramjet concepts program, 1965. Volume I. Low volume ramjet investigations. Part I - Components and systems /U/ Final report, 1 Mar. 1965 - 15 Apr. 1966	1966
19670069321	Second quarterly report, Aug. 10 - Nov. 10, 1966	1966
19670069322	Development of improved semi-organic structural adhesives for elevated temperature applications Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670069324	Investigation of new concepts and linear beam techniques for microwave power generation Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19670069325	GM DRL's 2-1/4 inch gun project Interim report	1966
19670069326	Integrated approach to research on and design methods for carbon composite materials Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069327	Analytical design techniques for manual booster control systems which include on board participation of the astronaut Final report	1966
19670069332	Fuel cell systems reliability assessment Quarterly progress report, Jul. 8 - Oct. 8, 1966	1966
19670069333	Study of interface thermal contact conductance Summary report, 27 Mar. 1965 - 31 Jul. 1966	1966
19670069334	Nucleonic large tank propellant gaging system Final report	1966
19670069338	Stable liquid propellant rocket engine design criteria project Interim report, 1 Jun. 1965 - 31 Dec. 1966	1966
19670069339	Stability of flux motion in superconducting cylinders and coils	1966
19670069340	A criterion for the reliability assessment of protective systems	1966
19670069341	Ratchet and enhanced creep strains in sealed fuel pins for nuclear reactors	1966
19670069343	Hall effect influence on a highly conducting fluid	1966
19670069344	Kinetic study of the boiling of a liquid	1966
19670069345	Hastings-Raydist, Inc. vacuum sensing element model DV-36, vacuum gauge indicator model VT-6X, NASA drawing number 10466019 Test report	1966
19670069355	Beryllium erosion corrosion investigation for solid rocket nozzles /U/ Technical progress report, 16 Mar. - 1 Oct. 1966	1966
19670069358	Combustion instability	1966
19670069361	Nozzle materials	1966
19670069363	Case bonding and adhesives	1966
19670069367	Development of broad band UHF amplifier /U/ Final report, 1 Jun. 1965 - 30 Jun. 1966	1966
19670069369	Throttleable monocompound rocket engine /U/ Quarterly report, 11 May - 10 Aug. 1966	1966
19670069370	A study of the effects of engine parameters on two-phase flow performance losses using N2O4/alumizine propellants /U/ Quarterly report, 1 Jun. - 31 Aug. 1966	1966
19670069371	Ridge waveguide antenna designs /U/	1966
19670069372	Kinetics and mechanism of fluorination of oxygenated anions /U/ Final report, Jun. 1964 - Jul. 1965	1966
19670069373	Extrinsic photoconductive materials for infrared pickup tubes /U/ Interim technical report, 27 Dec. 1965 - 26 Jun. 1966	1966
19670069374	Broad band crossed-field amplifier /U/ Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670069375	Radar attenuation by rocket motor exhausts /U/ Final summary report	1966
19670069376	The effects of additives on microwave attenuation in rocket plumes at simulated altitude conditions /U/	1966
19670069377	Study of polarization techniques for target enhancement /U/ Special technical report no. 2, 1 Jun. 1965 - 1 Jul. 1966	1966
19670069378	Development of a rocket motor for CROW /U/ Final report	1966
19670069379	Acoustic measurements in the Arctic Ocean, 1966 /U/ Final report	1966
19670069382	Advanced cryogenic rocket engine program, Aerospike nozzle concept /U/ Quarterly progress report no. 2, 1 Jun. - 31 Aug. 1966	1966
19670069383	Formulation and evaluation of liquid propellant dispersions /U/ Quarterly technical progress report no. 8, Jul. - Sep. 1966	1966
19670069386	Wind tunnel tests of a scramjet flight test vehicle configuration at supersonic Mach numbers /U/	1966
19670069388	Accuracy analysis of the reentry body attitude measurements from the RMV platform on mission KX-II /U/	1966
19670069394	M-code study program phase II /U/ Final report	1966
19670069396	Dual cylinder withdrawal mechanism, NASA part number J75M06943 rev. A and separation mechanism NASA part number J75M10665 Test report	1966
19670069397	Pacific Valves, Inc. check valve, manufacturer's part number G-1100-10T-ASA, NASA part number 75M13141-LCV-1 Test report	1966
19670069399	Micro-Systems, Inc. temperature transducer, manufacturer's part number TS01F-C1, NASA DRAWING number A75M14447	1966
19670069400	Marotta Valve Corporation valve, piloted shutoff, manufacturer's part number 806162, model PVM555H30-1A, NASA drawing number 75M51262, revision A Test report	1966
19670069401	Flexible hose, 6-inch Flexonics Corporation part number 107373, NASA drawing number 75MO3569	1966
19670069402	Specified LSSM design study. Volume 2 - Test plan	1966
19670069403	Specified LSSM design study resources plan. Volume I - Resources plan	1966
19670069404	Specified LSSM design study. Volume 1 - LSSM vehicle and subsystems analysis and design	1966
19670069405	Specified LSSM design study Summary report	1966
19670069406	Specified LSSM design study. Volume 2 - LSSM vehicle performance improvement analysis	1966
19670069409	Solid Propellant Rocket Static Test Working Group 4th meeting bulletin /U/	1966
19670069410	A study to improve propellant strand burning-rate testing	1966
19670069411	Micromotor evaluation of hybrid and fluid-controlled solid propellant formulations	1966
19670069412	Correlation between motor and strand burning rate data /U/	1966
19670069413	Philco-Aeronutronic solid propellant simulator	1966
19670069414	A closed breech launch simulator for the Shillelagh guided missile /U/	1966
19670069415	Static testing of small rockets at high spin rates /U/	1966
19670069416	Acceleration compensated load cell	1966
19670069417	Initial performance of a new nozzle-gas- dynamics test facility	1966
19670069418	Results of the ICRPG Multicomponent Test Stand and Spin Testing Committee meeting, June 1966	1966
19670069419	Rare Gas Fluorides Symposium /U/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069420	High accuracy, many electron solutions to Schrodinger's equations for noble gas compounds	1966
19670069421	[No Title]	1966
19670069422	The Raman spectrum and hydrolysis studies on hydrogen fluoride solutions of xenon oxide tetrafluoride	1966
19670069423	Complexes of xenon oxide tetrafluoride	1966
19670069424	ONR program of research in noble gas chemistry	1966
19670069425	Selected physical properties of rare gas fluorides /U/	1966
19670069426	The preparation and some thermal properties of pure xenon hexafluoride	1966
19670069427	Quadrupole resonance in KrF ₂	1966
19670069428	Design of a detonating high-explosive shock technique for the synthesis of energetic materials	1966
19670069429	A simplified clustering technique for rocket engine modules, phase III /U/ Final report	1966
19670069430	Uncooled rocket motor testing using halogenated liquid propellants. Part I - Nozzle throat material screening tests, November 1963 - July 1965 /U/	1966
19670069431	Transonic wind tunnel testing of reentry vehicle shapes, volume I /U/ Final report, Jul. 1965 - Jun. 1966	1966
19670069432	Transonic wind tunnel testing of reentry vehicle shapes, volume II /U/ Final report	1966
19670069436	The Turbulent Wake Behind a Fluid Ejection Decoy	1966
19670069439	Eighth Liquid Propulsion Symposium, volume I /U/	1966
19670069440	Parametric study of pulse mode thrusters	1966
19670069441	Liquid propulsion technology for Army future missiles /U/	1966
19670069442	Development of a simplified air turbo-rocket cycle /U/	1966
19670069443	Status report on ARES /Advanced Rocket Engine Storable/ /U/	1966
19670069444	The XMGM-52A Lance engine /U/	1966
19670069445	Navy maneuver engine /U/	1966
19670069446	Experimental determination of CTF and MHF-3 SECONDARY injection performance /U/	1966
19670069447	Gas mixtures for dynamic simulation of /liquid propellant/ rocket exhaust jets	1966
19670069448	An Experimental Model Investigation of a Plug Cluster Nozzle Propulsion System	1966
19670069449	Development of a secondary injection thrust vector control system for the Lance missile /U/	1966
19670069450	Effects of injector/chamber energy release efficiency upon nozzle performance	1966
19670069451	Florox, a new storable oxidizer /U/	1966
19670069452	Development of heterogeneous, high-energy, storable propellants /U/	1966
19670069453	Research and development of a heterogeneous beryllium fuel /U/	1966
19670069454	Improved gelling agents for hydrazine and hydrazine-type fuels	1966
19670069455	The investigation of liquid metal hydrides /U/	1966
19670069456	ARPA liquid propellant programs - A critical review /U/	1966
19670069457	The effects of engine design parameters on both ignition delay and ignition spiking of several high energy hypergols /U/	1966
19670069458	Investigation of the hypergolic ignition spike phenomena	1966
19670069459	High-pressure staged combustion of 98 percent H ₂ O ₂ and alumazine-43 /U/	1966
19670069460	Altitude ignition characteristics of large rocket engines	1966
19670069461	Eighth Liquid Propulsion Symposium, volume II /U/	1966
19670069462	Recent experiments with the NOTS components evaluation propulsion system /U/	1966
19670069463	Propulsion component development for metallized gelled propellants /U/	1966
19670069464	Development of the Lance missile propellant expulsion system /U/	1966
19670069465	The propellant feed system analog - A valuable tool for establishing the effects of upstream dynamics on reaction control rocket motor performance	1966
19670069466	Development of the Surveyor Vernier Propulsion Feed System	1966
19670069468	The combustion and performance efficiency of bipropellant systems based on Beane- containing fuels /U/	1966
19670069469	Hydrogen peroxide evaluation	1966
19670069470	Evaluation of a high performance slurry propellant system /U/	1966
19670069471	Ultimate heat flux limits of storable propellants /U/	1966
19670069472	Oxygen difluoride/diborane performance and thrust chamber design for rocket engines with high V space mission requirements /U/	1966
19670069473	Development of an advanced thrust chamber assembly /U/	1966
19670069474	Advanced material design concepts for liquid engine throat inserts	1966
19670069475	High chamber pressure staged combustion oxygen-hydrogen rocket engine component testing /U/	1966
19670069476	Hafnium-tantalum alloy cladding as a protective coating system for rocket nozzles	1966
19670069477	Toroid thrust chamber testing for the Maneuvering space propulsion system /U/	1966
19670069479	Research and development programs /U/ Quarterly report, Apr. - Jun. 1966	1966
19670069480	Advanced development IIA/5, Polaris re-entry studies P62BPE /U/	1966
19670069481	Research and exploratory development III/1, LANDING Force Support Weapon /LFSW/ A22BBA /U/	1966
19670069482	Research and exploratory development III/12, DUAL-BAND guidance research A34MCM /U/	1966
19670069483	Research and exploratory development III/16A, advanced warhead research A42BFM /U/	1966
19670069484	Research and exploratory development III/16b, advanced warhead research A42BFM /U/	1966
19670069485	Research and exploratory development III/16c, advanced warhead research A42BFM /U/	1966
19670069486	Scram stability and control wind-tunnel test at Mach 4.4 /U/	1966
19670069487	Scram combustor /analysis/ /U/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069488	Modular inlet investigation /U/	1966
19670069489	Scram combustor research /U/	1966
19670069490	Performance comparison between integral-rocket air-augmented rocket and integral-rocket ramjet propulsion for surface-to-air missions /U/	1966
19670069491	Surface-launched Low Volume Ramjet /SLVRJ/ APPLICATION study /U/	1966
19670069492	IRR-SAM combustor tests /U/	1966
19670069493	Missile radar techniques - Optical processing /U/	1966
19670069494	Aerodynamic characteristics for the Thrust- augmented missile /U/	1966
19670069495	Air augmentation composite design /U/	1966
19670069496	Thermal studies /U/	1966
19670069497	Augmented thrust propulsion, theoretical performance /U/	1966
19670069498	Solid-propellant research and development /U/	1966
19670069499	OAL tests with 10-inch-diameter afterburner /U/	1966
19670069500	Air intake system /U/	1966
19670069501	Phased-array antenna system /U/	1966
19670069502	Project Ramp /U/	1966
19670069503	Improvement of sensitivity of LMH-1 PROPELLANTS /U/ Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670069504	Solid propellant extended environmental capability evaluation program /U/ Quarterly report, Jul. - Sep. 1966	1966
19670069505	Combustion instability studies of extinguishable propellants /U/ Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670069506	Investigation of combustion and performance efficiencies of Beane-containing bipropellant systems /U/ Final report, 1 Jun. 1965 - 31 May 1966	1966
19670069507	Applications of a model for the combustion of metallized propellants. III - Use of the "metal-replacement" computer technique in the analysis of c' performance of Beane propellants /U/	1966
19670069508	Propulsion Development Department review. Part 2 - Propellants and materials /U/ Quarterly progress report, Apr. - May 1966	1966
19670069509	Zirconium gelled propellants /U/	1966
19670069510	Aluminum gelled propellants /U/	1966
19670069511	Fluorocarbon propellants /U/	1966
19670069512	Air augmentation solid propellant /U/	1966
19670069513	High performance solid propellants /U/	1966
19670069514	C-series propellants /U/	1966
19670069515	Processing of toxic propellants /U/	1966
19670069516	Storage stable binders for castable composite propellants /U/	1966
19670069517	Carboxyl cross-linked binders /U/	1966
19670069518	Binder research /summary of 3M Company's research /U/	1966
19670069519	High temperature stable fluoroelastomers /U/	1966
19670069520	Materials technology /U/	1966
19670069521	Fireball ablation. Volume I - Quasi-steady analysis of ablation in supersonic and hypersonic flow /U/ Final report, 30 Jun. 1965 - 30 Apr. 1966	1966
19670069524	Research and Exploratory Development for Fthe Office of Aeronautical Research, National Aeronautics and Space Administration /U/ Quarterly Report, Apr. - Jun. 1966	1966
19670069525	Hydrogen jet penetration studies /analysis/ /U/	1966
19670069526	Hydrogen jet penetration studies /experimental/ /U/	1966
19670069527	Supersonic combustion /hydrogen/ /U/	1966
19670069528	Doppler cross section of helicopter rotor blades /U/	1966
19670069529	Effects of Army environment on case-on- propellant /U/ Quarterly report, 29 Jun. - 28 Sep. 1966	1966
19670069530	UHF airborne terminal antenna techniques /U/ Quarterly report, 15 Aug. - 15 Nov. 1966	1966
19670069531	AN/TPN-16 /XN-1/ radar transponder /U/ Final report	1966
19670069533	Coefficient of friction tests for Pershing splice band materials /U/	1966
19670069538	NO TITLE Consolidated semiannual progress report no. 4, 1 Apr. - 30 Sep. 1966	1966
19670069539	Electron probe analysis of semiconductors	1966
19670069540	Electron transport and X-ray production in solids	1966
19670069541	Local mode absorption in heavily doped Li compensated GaAs	1966
19670069542	Local mode absorption in compensated silicon-doped gallium arsenide	1966
19670069543	Lithium-defect complexes in GaAs	1966
19670069544	Free carrier absorption study of p-type silicon	1966
19670069545	Thin film and interface phenomena	1966
19670069546	Preparation and properties of gallium-indium arsenide	1966
19670069547	Quantum theory of noise in lasers	1966
19670069548	Investigation of ionic cross-relaxation in rare-earth crystals by quantum electronic techniques	1966
19670069549	Ferromagnetic resonance in doped YIG crystals	1966
19670069550	Nuclear magnetic resonance of Ni-Cu alloy	1966
19670069551	Study of EuS-YS, EuSe-YSe compounds	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069552	Moessbauer effect experiment on iron beryllium compounds	1966
19670069553	Defect chemistry of CdS	1966
19670069554	Optical properties of bromine-rich AgBr	1966
19670069555	Ionic conductivity in high resistivity CdS	1966
19670069556	The conduction mechanism of NH4Cl	1966
19670069557	Diffusion in a concentration gradient	1966
19670069558	Critical current enhancement and degradation	1966
19670069559	Coupling of transverse and longitudinal waves below the second electron cyclotron harmonic	1966
19670069560	Scattering of microwaves by a re-entry vehicle	1966
19670069561	Effects of the movement of a dielectric slab on the reflection and transmission characteristics of electromagnetic waves	1966
19670069562	An optimum interception control rule	1966
19670069563	Control of distributed parameter systems	1966
19670069564	Manual control data acquisition facility	1966
19670069565	Pulse models of human operators performing compensatory tracking with coordinated multiple inputs	1966
19670069566	Random parameter models of human controllers	1966
19670069567	Finite-state models of manual control systems	1966
19670069568	Television bandwidth reduction studies	1966
19670069569	Optimal estimation of SNR	1966
19670069570	A study of laser radar systems	1966
19670069571	Coding the vertices of a graph	1966
19670069572	Mathematical models of neuromuscular mechanisms	1966
19670069573	Research and development programs Quarterly report, Oct. - Dec. 1966	1966
19670069574	Arc research	1966
19670069575	Nuclear effects research	1966
19670069576	Thin-film technology development	1966
19670069577	Microelectronic packaging	1966
19670069578	Semiconductor diffusion technology	1966
19670069579	Maser research program	1966
19670069580	Hypersonic configuration study	1966
19670069581	Interaction theory for control jets at hypersonic speeds	1966
19670069582	Thermal stresses in sandwich cylinders	1966
19670069583	Radome thermal stress investigation	1966
19670069584	Vibration studies	1966
19670069585	Transpiration cooling investigations	1966
19670069586	Drag of cylindrical protuberances, both isolated specimens and interfering arrays	1966
19670069587	Explosive projection of metal	1966
19670069588	Thermal explosion analyses	1966
19670069589	Hypersonic gun tunnel	1966
19670069590	Adaptive stabilization computer	1966
19670069591	Wideband array antenna system	1966
19670069592	Trajectory optimization by steepest ascent method	1966
19670069593	Supersonic combustion /analysis/	1966
19670069594	Clear air turbulence	1966
19670069595	Mass spectrometry of free radicals and metastable molecules	1966
19670069596	Electron spin resonance studies of unstable free radicals containing fluorine	1966
19670069597	Radial oscillations of the plasma puffs produced by the theta-pinch source	1966
19670069598	Particle analysis of the theta-pinch plasma source	1966
19670069599	Theta-pinch plasma source	1966
19670069600	Propulsion Research Laboratory	1966
19670069601	Statistical analysis of radar target scintillation	1966
19670069602	A spectroscopic investigation of photo- and thermochromism Technical report, May 1, 1965 - Apr. 30, 1966	1966
19670069603	Research data and information relevant to pilot training. Volume II - Description of pilot job requirements and training practices for representative missions and associated aircraft Final report, 1 Aug. 1965 - 15 Jan. 1966	1966
19670069604	Cumberland Plateau Seismological Observatory Quarterly report, 1 Aug. 31 Oct. 1966	1966
19670069605	Cumberland Plateau Seismological Observatory Annual report, 1 May 1965 - 30 Apr. 1966	1966
19670069606	Analytical investigations of digital information processing systems, August 1964 - April 1966, volume I	1966
19670069607	Solid state techniques for modulating optical waves Final report, 1 Apr. 1965 - 31 Mar. 1966	1966
19670069608	Research on piezoelectric sensors Interim report, 1 Aug. - 1 Nov. 1966	1966
19670069609	Research on infrared optical materials Interim technical report 1 May - 31 Oct. 1966	1966
19670069610	Stiffness and vibration characteristics of inflatable delta wing models at temperatures up to 650 deg F Final report, Oct. 1963 - Oct. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069611	Continued studies on advanced ferrimagnetic materials applied to digital phase shifters Quarterly report, 29 May - 28 Aug. 1966	1966
19670069612	NO TITLE Interim report, January 1963 - June 1964	1966
19670069613	A formula for the response factor of electroacoustic transducers and its relations to electrical equivalent circuits	1966
19670069614	Feasibility study of laser ranging systems Final report, Apr. 1965 - Apr. 1966	1966
19670069615	Analysis of a short right circular sandwich cylinder	1966
19670069616	Development of manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering progress report no. 3, 1 Aug. - 31 Oct. 1966	1966
19670069617	Catalytic oxidation of methane at low space velocities Final report, Jan. - Sep. 1965	1966
19670069618	Seismic data laboratory Quarterly technical summary report no. 6, Jul. - Sep. 1966	1966
19670069619	Application of fuel-cell power plants for electric-drive systems Engineering report, Jul. 1965 - May 1966	1966
19670069620	SiB polymer development Quarterly report, 1 Aug. - 31 Aug. 1966	1966
19670069621	Energy changes in baroclinic models	1966
19670069622	Antarctic temperature studies utilizing HRIR data from Nimbus I	1966
19670069623	Evaluating a satellite surveillance system	1966
19670069624	Structure sensitive properties of arc-melted carbides Report, Jul. 1965 - Jun. 1966	1966
19670069625	Effect of contact surface bluntness on massive blowing from a wedge in hypersonic flow Report, Sep. 1965 - Jul. 1966	1966
19670069627	Engineering applications of nonmetallic composites Report, Jul. - Sep. 1966	1966
19670069628	Software design for real-time systems Report, 1 Dec. 1965 - 1 Jun. 1966	1966
19670069629	Statics associated with the detection of body and surface waves from earthquakes and underground detonations	1966
19670069630	A seismographic calibration technique and prediction of seismometer parameters	1966
19670069631	Preferred-circuit techniques for crystal-diode mixers Interim technical report	1966
19670069633	Thermoelastic energy loss of a thin tubular cantilever beam with an oscillating temperature distribution	1966
19670069635	Research to develop improved magnetic materials for hysteresis motors Annual report /final/, Jun. 1965 - Jun. 1966	1966
19670069637	Tables of supersonic symmetrical flow around right circular cones, with and without the addition of heat at the wave	1966
19670069640	An approximate method for three-dimensional compressible laminar boundary layers with small cross-flow	1966
19670069642	A system for the optimum utilization of pulse communication channels	1966
19670069643	An analysis of some performance aspects of various types of aircraft designed to fly over different ranges at different speeds	1966
19670069644	An atmospheric disturbance encountered by a Canberra aircraft over storms at Oklahoma on 27th May, 1965	1966
19670069646	A synoptic study of electron and ion temperatures in the quiet ionosphere	1966
19670069647	Optimum coherent optical receiver techniques Quarterly report no. 2, 30 Jun. - 30 Sep. 1966	1966
19670069649	Testing techniques for filament reinforced plastics	1966
19670069650	Development of manufacturing processes for a lightweight heat transfer system Interim engineering progress report, 1 Aug. - 31 Oct. 1966	1966
19670069651	Numerical simulation of shock-on-shock interactions Final report, Aug. 1965 - Aug. 1966	1966
19670069652	A study of the geometry of elasto-hydrodynamic films in point contact Progress report, May 24 - Aug. 19, 1965	1966
19670069653	Antenna development for FPS-7 improvement program, report II, part 1 Final engineering report	1966
19670069654	Antenna development for FPS-7 improvement program, report no. II, part 2 Final engineering report	1966
19670069655	Dispersive characteristics of the ionosphere Interim report no. 1, 15 Oct. 1965 - 15 Mar. 1966	1966
19670069656	The characteristics of normal mode helical dipoles near higher order resonances	1966
19670069657	Honest John missile no. 2580, round no. 534 RGL /28 October 1966/ Meteorological data report	1966
19670069658	Honest John missile no. 2380, round no. 540 AML /1 November 1966/ Meteorological data report	1966
19670069659	Nike-Cajun NASA 10.181 AI Meteorological data report	1966
19670069660	LASA operation and maintenance Final report, 1 Jun. 1965 - 31 May 1966	1966
19670069661	Natural frequencies and mode shapes of the truncated conical shell with free edges	1966
19670069662	Disappearance of the color of systems that exhibit weak molecular complexing, on freezing	1966
19670069663	Operational test and evaluation of the F-105 central air data computer Report, 15 Dec. 1965 - 15 Apr. 1966	1966
19670069664	Feasibility of glass-filament-wound plastic for army rocket motor cases. Progress report 3 - Design and fabrication of an insulative tape wrapping device	1966
19670069665	Deep-hole symmetrical triaxial seismometer, model 22700	1966
19670069666	Variations of broadband helical dipole arrays Final report	1966
19670069667	Investigation of the structure of ceramics for electronic application Progress report	1966
19670069668	Operation of TFSO Quarterly report no. 5, 1 May - 31 Jul. 1966	1966
19670069669	An experimental investigation of radiosondes	1966
19670069671	Infrared strip scanning technique /U/ Final technical report, Apr. 1965 - Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069672	High-pressure research toward high-energy propellants /U/ Quarterly progress report, Jul. 1 - Sep. 30, 1966	1966
19670069675	Advanced Airbreathing First Stage Booster Operational Analysis /U/	1966
19670069679	Overland E-2A /U/ Monthly progress report	1966
19670069681	Overland antenna design model E-2A /U/	1966
19670069682	Research on improvement of far-infrared pickup tubes /U/ Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670069683	Overland antenna design model E-2A /U/ Monthly progress report, period ending 31 May 1966	1966
19670069684	Study and improvement of the S-1 photoemissive surface /U/ Eleventh quarterly report no. 33, 1 Nov. 1965 - 31 Jan. 1966	1966
19670069685	Study and improvement of the S-1 photoemissive surface /U/ Twelfth quarterly report no. 37, 1 Feb. - 31 Apr. 1966	1966
19670069686	Study and improvement of the S-1 photoemissive surface /U/ Thirteenth quarterly report no. 37-39, 1 May - 31 Jul. 1966	1966
19670069687	DAMTI evaluation /U/ Interim report, 15 Feb. - 19 Apr. 1966	1966
19670069688	Radiation effects on guided missile electronic equipment VI /U/ Final technical report, 15 Jul. 1965 - 15 Mar. 1966	1966
19670069689	Arctic summary, July to December 1965	1966
19670069690	Wind tunnel test of a self-aligning spike Wind tunnel test report, 1 Oct. 1964 - 31 Mar. 1966	1966
19670069691	Methods for elimination of corrosion products of nitrogen tetroxide Quarterly progress report, 1 Aug. - 31 Oct. 1966	1966
19670069692	Construction of a non-gridded field effect tube for use in sonar applications Fifth quarterly development report, 1 Jul. - 30 Sep. 1966	1966
19670069693	Electrochemical machining - An annotated bibliography, 1965 - September 1966	1966
19670069694	On the creep buckling of axially compressed circular cylindrical shells	1966
19670069696	Temperature measurements on the XADR-7A DURING sustainer motor operation at simulated flight conditions /U/	1966
19670069697	Subsonic drag estimation methods /U/ Final report	1966
19670069698	Water shock-wave reflection properties of various bottom materials /U/ Summary progress report	1966
19670069700	Theoretical, investigative, and experimental program directed toward design and development of an improved gallium arsenide infrared light source /U/ Interim technical report, 1 Jan. - 31 Mar. 1966	1966
19670069701	ALTAIR program /U/ Quarterly technical summary report, quarter ending 30 Sep. 1966	1966
19670069702	Laser-induced surface effects /U/ Final technical report, 7 Apr. 1965 - 6 Apr. 1966	1966
19670069703	RAP rocket motor summary progress report fiscal year 1965 /U/	1966
19670069704	Demand-mode integral rocket-ramjet /U/ Quarterly progress report, 17 Apr. - 16 Jul. 1966	1966
19670069708	Oxidizer encapsulation /U/ Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670069709	Evaluation of methods for preventing chain ignition of TALOS boosters in the GMLS MARK 12 ready service magazine, tests nos. 4 and 5 /U/	1966
19670069710	Simulated altitude performance of air-augmented solid-propellant rocket motors. Phase I, part I - Evaluation of several motor-ejector configurations /U/	1966
19670069711	Solid propellant exploratory evaluation /U/ Semiannual report	1966
19670069712	An analysis of the AN/AWG-9 simulation noise model /U/	1966
19670069713	State-of-the-art study on chemical and biological detection of humans by sensing natural exudates /U/	1966
19670069714	Analysis of an acceleration vector control guidance system on a sergeant class booster /U/	1966
19670069715	Demonstration of a dual-thrust motor for a Forward Area Air Defense System /FAADS/ /U/ Quarterly technical report no. 1, 1 Jul. - 30 Sep. 1966	1966
19670069716	Research and development on fluorine based oxidizers /U/ Annual report, period ending Sep. 1965	1966
19670069717	Hot gas valve thrust vector control /U/	1966
19670069725	A survey of selection criteria for gas turbine engine materials Technical report, Feb. 1964 - Aug. 1966	1966
19670069726	The feasibility of detecting fog by means of a laser	1966
19670069727	Hazards to the eye from ionizing radiation during extended space missions Status report, 1 Jul. - 31 Dec. 1966	1966
19670069728	The influence of aircraft size on control power and control sensitivity requirements. A comparison of results from two variable stability helicopters	1966
19670069729	Hypersonic ramjet heat transfer and cooling program. Volume III - Results of transpiration cooling experiments in a supersonic gas stream Final report, 1 Jun. 1965 - 30 Apr. 1966	1966
19670069730	Preliminary evaluation of a new siloxane-carborane /phenyl-SiB-4/III elastomer	1966
19670069731	Aircraft coating, testing and evaluation Interim engineering report, 1 Jul. - 30 Sep. 1966	1966
19670069732	A proposed experimental study of the novel accelerometer system	1966
19670069733	Dichroic filter specification for color additive display. I - Preliminary tolerance determination and the C.I.E. designations for coding colors Final report	1966
19670069734	Performance measurement techniques for adaptive process control Third interim engineering progress report, 1 Mar. - 15 Sep. 1966	1966
19670069735	Optical absorption and fluorescence intensities in several rare-earth doped Y2O3 and LaF3 single crystals Technical report, 1 Jul. 1965 - May 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069736	Fresnel Lens Optical Landing System /FLOLS/ protective glass shield assembly, NAEL P/N 508578-1 Final report, 26 Jan. - Aug. 1966	1966
19670069737	Static current-voltage characteristics of a semiconductor, and stationary distribution of electric fields and charges	1966
19670069738	Research into the chemical behaviour of surfaces of single-crystals, bi-crystals and tri-crystals under different experimental conditions Final technical report, Jun. 1965 - May 1966	1966
19670069739	Qualification tests of TA-7M camera system	1966
19670069740	Reactivity of titanium with selected halogenated hydrocarbons used as fire extinguishing agents Technical report, 1 Jun. 1965 - 31 May 1966	1966
19670069741	Research on improved epoxy resins Quarterly progress report, 1 May - 1 Aug. 1966	1966
19670069742	High strength - high modulus glass fibers, part II Technical documentary report, Mar. 1965 - Apr. 1966	1966
19670069743	Review of current developments in new refractory fibers and their utilization as high temperature reinforcements	1966
19670069744	Resonant radiation and moving striations in an argon glow discharge	1966
19670069745	Photographic and mechanical properties of nuclear research emulsions	1966
19670069746	Plasma kinetic energy - RF conversion Final report, Mar. 1965 - Mar. 1966	1966
19670069747	High-strength tests on membranes Final report	1966
19670069748	Host sensitization in rare earth fluoride laser materials Interim technical report, 1 Aug. - 31 Oct. 1966	1966
19670069750	Generation, transport and trapping processes in molecular crystals Final technical report, 1 Jun. 1965 - 31 May 1966	1966
19670069754	Nike-Hydac STV /SR-041/ /25 October 1966/ Meteorological data report	1966
19670069755	Theoretical calculations of the phenomenology of HE detonations, volume I	1966
19670069756	Stellar Acquisition Feasibility Flight test program /STAFF/. Volume III - Bibliography Final report	1966
19670069757	High voltage breakdown study Quarterly progress report, 16 Feb. - 15 May 1966	1966
19670069758	Study of special beamshaping antennas Final report, 1 Oct. 1964 - 15 Sep. 1966	1966
19670069759	Simulated laboratory to OV-1 experiment. Interface design requirements document	1966
19670069760	Halogen passivation studies Quarterly progress report, 1 May - 31 Jul. 1966	1966
19670069761	Effect of cumulative damage on the biaxial compressive fatigue performance of filament wound laminates, 1 March - 31 May 1966	1966
19670069762	Lunar luminescence - A literature survey	1966
19670069763	Research to determine the effects of surface catalyticity on materials behavior in dissociated gas streams Quarterly progress report, 1 Jun. - 15 Sep. 1966	1966
19670069764	Programs for configuration interaction calculations using a Hartree-Fock-Slater basis set	1966
19670069765	Satellite communications terminal AN/TSC-54, VOLUME III Quarterly progress report, 31 Mar. - 31 Jun. 1966	1966
19670069766	An application of a method for algebraic manipulation in ALGOL 60	1966
19670069767	Speech bandwidth reduction Final technical report, Mar. 1965 - Jun. 1966	1966
19670069768	Aerodynamic forces on a cone-cylinder and a complex asymmetric shape at simulated high altitudes	1966
19670069769	Development of the manufacturing capabilities of the hydrostatic extrusion process Interim engineering progress report, 1 Jun. - 31 Aug. 1966	1966
19670069770	Element development for advanced associative memories Final report, Mar. - Sep. 1965	1966
19670069771	Research on thermal effects on fuels Annual report, May 1965 - Jun. 1966	1966
19670069772	Advanced explosive forming processes Fourth interim engineering progress report, 1 Jul. - 31 Oct. 1966	1966
19670069773	Derivation of the laws of force for all magnetic and all electric sound transducers from one general law for each kind	1966
19670069776	Radant analysis studies Interim report no. 4, 1 Jun. - 31 Aug. 1966	1966
19670069777	Production of high-purity thermal control coatings Quarterly report, 1 Jun. - 31 Aug. 1966	1966
19670069779	Feasibility of joining advanced composite flight vehicle structures Quarterly progress report, 1 May - 31 Jul. 1966	1966
19670069780	The effect of hot environments on the energy metabolism of men performing standardized physical work	1966
19670069781	Very high temperature coatings for tantalum alloys Final summary technical report, 1 Jul. 1965 - 31 Jul. 1966	1966
19670069782	BLIP radiometer /project GLINT/ Semiannual report, 1 Jan. - 1 Jul. 1966	1966
19670069783	Boron-content profile of a boron-pyrolytic graphite nose cone model Report, 2 Jan. - 15 May 1966	1966
19670069784	Augmented inertial navigation systems	1966
19670069785	Analysis of turbulent reacting wakes - 5. Equilibrium wakes with turbulent fluctuations /task 2.1.5 nonequilibrium turbulent flow - REST contract, ABRES PROGRAM	1966
19670069786	Development of integrated circuits utilizing complementary transistors Final development report, 29 Jun. 1965 - 29 Jun. 1966	1966
19670069787	Mechanical properties of 2618 aluminum alloy Final report, 1 Oct. 1965 - 30 Jun. 1966	1966
19670069788	Study and evaluation of the oxidative and deposit forming properties of high temperature lubricants Progress report, 1 Aug. - 1 Dec. 1965	1966
19670069789	Diagonalization procedure for a Bose-system Hamiltonian	1966
19670069790	Stellar technology guide Status report	1966
19670069791	Physical properties of refractory materials Annual summary report, 1 May 1965 - 1 May 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069792	Satellite communications terminal AN/TSC-54, VOLUME V Quarterly progress report /final/, 31 Mar. - 31 Jun. 1966	1966
19670069793	Stress-corrosion cracking and hydrogen-stress cracking of high-strength steel	1966
19670069794	Representation and realization of time- variable linear systems	1966
19670069795	Effects of Reynolds number variation and elevator deflection on two AFFDL high lift-to-drag re-entry vehicles at hypersonic speeds /U/	1966
19670069796	Liquid throttling engine /U/ Interim report, 17 May - 17 Sep. 1966	1966
19670069798	Engineering property data on rocket propellants /U/ Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670069799	Structural and synthesis study of inorganic oxidizers /U/ Final report 1 Jul. 1965 - 30 Jun. 1966	1966
19670069803	Integrated motor demonstration for a forward area air defense system /U/ Quarterly technical report, 29 Jun. - 30 Sep. 1966	1966
19670069805	Research on advanced solid propellants /U/ Quarterly progress report, Jun. 11 - Sep. 10, 1966	1966
19670069807	Evaluation of high energy fuels and oxidizer in solid propellants /U/ Quarterly progress report, Apr. 1 - Jun. 30, 1966	1966
19670069808	Solid propellant combustion working group - Selected bibliography on solid propellant combustion /U/	1966
19670069809	Mechanical behavior working group, 5th meeting /U/	1966
19670069810	Front microwave assembly for CW ACQUISITION and track AN/SPG-49 MODIFICATION system utilizing stripline techniques /U/	1966
19670069811	Spectrographic studies of solid-propellant flames /U/	1966
19670069812	Improved binary sequences for the cryptophone application /U/	1966
19670069813	XB-70 Flight Test Flying Qualities	1966
19670069815	Study on the feasibility of V/STOL concepts for short-haul transport aircraft Final addendum report	1966
19670069816	Propulsion Technical research report, Jan. - Jun. 1966	1966
19670069817	Theoretical chemistry institute portion Semiannual progress report, 1 Jul. - 31 Dec. 1966	1966
19670069818	Aerodynamics and aerothermodynamics Technical research report, Jan. - Jun. 1966	1966
19670069819	Flight technology laboratories Technical research report, Jan. - Jun. 1966	1966
19670069820	Avalanche mode photodiodes for heterodyne techniques at 1.06 microns Quarterly report	1966
19670069821	Drag coefficients of spheres falling in dilute aqueous solutions of long-chain macromolecules	1966
19670069822	Design of high pressure multicylinder apparatus Report, 5 Dec. 1965 - 31 Mar. 1966	1966
19670069823	Kinetics of hydrogen halides in shock waves - HCl and DCI Report, 1 Jul. 1965 - 23 May 1966	1966
19670069824	Development of magnetic field instrumentation, phase I Report, 1 Jul. 1965 - 31 Jan. 1966	1966
19670069825	Performance of doubly doped beryl in a millimeter wave maser scheme Technical report, Sep. 1964 - Jun. 1966	1966
19670069826	Optical interferometry of laser-produced plasmas Technical report, Nov. 1964 - Apr. 1966	1966
19670069827	Annual report of the Defence Research Telecommunications Establishment, 1965	1966
19670069828	Conceptual flutter analyses Second quarterly report, 27 Mar. - 27 Jun. 1966	1966
19670069829	ECM aerospace antenna studies, volume 2 Third quarterly technical report, 1 Feb. - 30 Apr. 1966	1966
19670069830	Analysis of nonlinear irregular networks	1966
19670069831	The von Karman Gas Dynamics Facility 1000-ft hypervelocity range, description, capabilities, and early test results	1966
19670069833	Development of molecular electronic display structures Interim technical report, 1 Jan. - 31 Aug. 1966	1966
19670069834	State-of-the-art review on ferroelectric ceramic materials Final report, Feb. 1965 - Mar. 1966	1966
19670069835	Evaluation of dri-slide as a lubricant for small arms weapons	1966
19670069836	Army Tactical Airspace Regulation System /ATARS/ First quarterly report, 1 Mar. - 31 May 1966	1966
19670069837	Research in purification and single crystal growth of II-VI compounds Quarterly progress report, 15 Apr. - 14 Jul. 1966	1966
19670069838	Evaluation of two multielement capillary tube injectors	1966
19670069839	Electronic control of laser beams Quarterly report	1966
19670069840	Dispersed array verification and implementation Final report	1966
19670069841	Mig welding 5 Ni-Cr-Mo-V steel Final report	1966
19670069842	Oxidation-resistant coatings for refractory metals Review of recent developments	1966
19670069844	Sea level evaluation of the anti-icing system of a Pratt and Whitney Aircraft J60-P-3A TURBOJET engine Final report	1966
19670069845	Cable materials for extreme environments Progress report, 1 May - 31 Jul. 1966	1966
19670069846	Aluminum alloys, especially of the AlZnMg1 category for welding structures	1966
19670069847	Phases of the moon, 1800-1959	1966
19670069848	Development of die materials for hot extrusion of steel and refractory metals Fifth interim technical engineering report, Jun. 30 - Sep. 30, 1966	1966
19670069849	Phenomena occurring at explosive metal interfaces /strain-rate dependency in metals/	1966
19670069851	Kinetics of C2F4 dissociation in nitrogen shocks	1966
19670069852	Rotron vortex-velocity flowmeters, experimental evaluation and analysis	1966
19670069853	Experimental investigation of some ground proximity problems associated with A.C.V. AND V.T.O.L. types of vehicles Final technical report	1966
19670069854	Mass spectrometric study of low field mobility, diffusion, and reactions of ions in gases Final report, 1 Apr. 1964 - 31 Mar. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069856	Aerial flare suspension system investigation	1966
19670069857	Program for the determination of contours of constant mass integral in the earth's atmosphere /CONMAS/ Technical report, Jan. - Apr. 1966	1966
19670069858	High temperature extrusion lubricants Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670069859	A critique and extension of some surface fitting techniques related to computer-aided design	1966
19670069860	Propellant frost effect on operation of the transtage bipropellant pilot valve under the low pressure environment Final report, Dec. 1965 - Feb. 1966	1966
19670069861	Evaluation and improvement of coatings for columbium alloy gas turbine engine components Technical report, 1 Apr. 1965 - 30 Apr. 1966	1966
19670069862	Fire and explosion hazard assessment and prevention techniques for aircraft Quarterly progress report, Jul. 1 - Sep. 30, 1966	1966
19670069863	Design optimization of the radiotracer propellant gauge Technical report, 3 Jan. - 31 Jul. 1966	1966
19670069864	Develop manufacturing methods to utilize explosives as a high energy source to spot weld metals Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670069865	Feasibility study of side thruster for MAW SYSTEM	1966
19670069866	Real-time information systems - An annotated bibliography	1966
19670069867	Development of redraw techniques for thin-walled columbium alloy tubing Interim engineering progress report, 15 Jul. - 15 Oct. 1966	1966
19670069868	Manufacturing technology for the extrusion of superalloy structural shapes Interim engineering progress report, 1 Jul. - 1 Oct. 1966	1966
19670069869	Theoretical and quantum chemistry of N, O, F compounds Quarterly technical report, 9 Jul. - 9 Oct. 1966	1966
19670069870	Structures, fairings and mechanisms. SLV-3 FOLLOW-ON test parameters, 69-00720, book no. 1	1966
19670069871	Welding high-strength steels	1966
19670069872	Analysis of ASTR meltdown configurations Technical report, 1 Oct. 1964 - 1 Jan. 1966	1966
19670069873	Orbital rendezvous optimization using the Pontryagin Maximum Principle Technical report, Nov. 1963 - Jan. 1965	1966
19670069874	On the best Chebyshev approximation of an impulse response function at a finite set of equally-spaced points	1966
19670069875	Some new results in pseudo-random number generation	1966
19670069876	Development of an HY-130/150 weldment Summary report	1966
19670069877	A method for absolute radiometric calibration of spectrally selective instruments	1966
19670069878	Optical studies of longitudinal combustion instability	1966
19670069879	Meteorological data report, 05803 Lance missile no. 024, round no. 029 RBL /12 August 1966/	1966
19670069880	Frequency temperature compensation techniques for quartz crystal oscillators Quarterly report, 1 Mar. - 31 May 1966	1966
19670069881	Electrical-to-fluid transducer study Final report	1966
19670069882	Electron paramagnetic resonance analysis of dimethyl amidogen in polycrystalline teramethyl tetrazene	1966
19670069883	Improved nonflammable hydraulic fluid Bimonthly progress report, 10 Jul. - 10 Sep. 1966	1966
19670069884	Low temperature solid-state cooling technology Biannual technical report, 15 Dec. 1965 - 30 Jun. 1966	1966
19670069885	Interaction of surface chemistry and mass transfer in nonsimilar boundary-layer flows	1966
19670069886	Investigation of the Gunn effect in gallium arsenide	1966
19670069887	Real time digital phase shifters utilizing 4-port single-junction latching circulators First quarterly report	1966
19670069888	Project Squid Semiannual progress report, 1 Apr. - 30 Sep. 1966	1966
19670069889	Fundamental investigation of nonsteady and nonequilibrium flow	1966
19670069890	Theoretical study of the blunt body problem in exothermic flow	1966
19670069891	Shock wave separation in gas mixtures	1966
19670069892	Atomic and molecular collisions	1966
19670069893	Research on thermodynamic and transport properties of gases at high temperatures and pressures	1966
19670069894	Mass spectrometric study of drift velocities, diffusion, and reactions of ions in gases	1966
19670069895	Convective electric discharge phenomena	1966
19670069896	Magnetohydrodynamics of partially ionized gases	1966
19670069897	Heat transfer to a supersonic dissociating gas	1966
19670069898	Chemi-ionization	1966
19670069899	Investigation of reaction kinetics in high-temperature gases	1966
19670069900	Chemi-ionization and ion-molecule reactions in electric discharges	1966
19670069901	Chemical kinetics and gas dynamics of atom and free-radical reactions	1966
19670069902	Solid-propellant flame mechanisms	1966
19670069903	A block transfer, optically accessed memory Final report, 1 Jul. 1965 - 31 Aug. 1966	1966
19670069904	Gravitational collapse and relativistic magnetohydrodynamics, March - April 1966	1966
19670069905	Molecular electronics for radar applications Interim report, 1 Jun. - 31 Aug. 1966	1966
19670069906	Surface finishing of fine beryllium wire Interim engineering progress report, Jul. - Oct. 1966	1966
19670069907	Long-life cold cathode studies for crossed-field tubes Quarterly report, 15 Apr. - 15 Aug. 1966	1966
19670069908	The optimum range for HF communication	1966
19670069909	Oxygen recombination on a catalytic sphere in the continuum-free molecule transition	1966
19670069910	A statistical study of target temperature Final report, 25 Jun. 1965 - 25 Feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069911	Weapon system 133a. Program progress research and development stage I Minuteman Status report, 1 Jul. - 30 Sep. 1966	1966
19670069912	Dormant operating and storage effects on electronic equipment and part reliability Interim report, May 1965 - Jun. 1966	1966
19670069913	Investigation of the electrode migration and reaction process occurring in alkaline-zinc batteries Quarterly technical progress report, 1 Jun. - 1 Sep. 1966	1966
19670069914	Effect of coolants on various types of aluminum alloys Progress report	1966
19670069915	Project Sophy solid propellant hazards program Status report, 1-31 Mar. 1966	1966
19670069916	Development of cooling device Interim development report, 1 Apr. - 30 Jun. 1966	1966
19670069918	Compatible semiconductor thin film techniques Interim report, 16 May - 15 Aug. 1966	1966
19670069919	Liquid rocket system conjugate structure and tankage program Written fourth quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670069920	Investigation of high-power gaseous electronics Quarterly report, 1 May - 31 Jul. 1966	1966
19670069921	Stress wave propagation in confined soils Technical report, 15 Jan. 1965 - 15 Aug. 1966	1966
19670069922	Functional design of guidance computers Final report, Jul. 1965 - Aug. 1966	1966
19670069923	Burnout resistant X-band hot carrier detectors Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670069924	Effect of chronic hypoxia upon the circulation Annual progress report, 1 Sep. 1965 - 31 Aug. 1966	1966
19670069925	Fatigue, creep and stress-rupture properties of Ti-13V-11Cr-3Al titanium alloy /B120-VCA/ Technical report, 1 Sep. 1965 - 30 Jun. 1966	1966
19670069926	Crazing and yielding of reinforced composites Quarterly progress report, 1 Jun. - 1 Sep. 1966	1966
19670069927	Control moment gyroscope gimbal actuator study Final report, Jan. - Sep. 1966	1966
19670069928	Structural design concepts for variable- geometry lifting surfaces of reentry vehicles Final report, May 1965 - Oct. 1966	1966
19670069929	Sweep-frequency, spaced-station measurements of round-the-world HF propagation Final report, 15 May 1964 - 15 Aug. 1966	1966
19670069932	Theoretical investigation of high-energy metastable compounds /U/ Final report, 1 Dec. 1964 - 31 Jul. 1966	1966
19670069933	Optical image design study /flat photocathode/ /U/ Final report, 25 Jan. 1965 - 24 Jun. 1966	1966
19670069934	Charged particle accelerometer /U/ Quarterly report, 22 Jul. - 21 Oct. 1966	1966
19670069935	LMH-1/hydrazine heterogeneous propellant development /U/ Quarterly progress report, 1 Aug. - 30 Oct. 1966	1966
19670069936	Evaluation of the combustion of a light metal hydride gelled fuel with selected oxidizers /U/ Progress report, 1 Jul. - 30 Sep. 1966	1966
19670069938	Accuracy analysis of the reentry body attitude measurements from the RMV platform on mission KX-25 /U/	1966
19670069939	Accuracy analysis of the reentry body attitude measurements from the RMV platform on mission KX-29 /U/	1966
19670069940	Investigation of the diffusive decay of a plasma contained in a conducting cylinder in the presence of a magnetic field	1966
19670069941	Radiation of harmonics $n\omega_e$ and $n\omega_e/2$ from a beam-generated plasma	1966
19670069942	A review of the likely fatigue behavior of irradiated stainless steel etc.	1966
19670069943	Investigations on the drift of a plasma ring in a toroidal magnetic field	1966
19670069944	Shock wave experiments on the inverse pinch	1966
19670069945	Cryogenic storage system study /AES payloads/ program Detailed technical final report, 1 Feb. - 1 Aug. 1966	1966
19670069946	Experimenter's manual for the OSO	1966
19670069947	Design, development, and fabrication of an ultra-high-resolution cathode-ray tube Quarterly report, 5 Jan. - 5 Apr. 1966	1966
19670069948	Experimental study of the dynamics of a large inverse pinch Technical report, 1 Oct. 1963 - 1 Mar. 1966	1966
19670069949	Fabrication of plenum tanks by explosive forming and electron beam welding	1966
19670069950	Evaluation of the feasibility of developing an airplane having a silent mode of operation	1966
19670069951	Signal optimization for channels with feedback	1966
19670069952	EW crossed-field amplifier Quarterly progress report, 15 Apr. - 15 Jul. 1966	1966
19670069953	High-information-density storage surfaces Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19670069954	Interferometric methods of calibrating high sensitivity linear displacement transducers	1966
19670069955	Extensions to theory of time series analysis Quarterly report, 1 May - 31 Jul. 1966	1966
19670069956	IRIG figure-of-earth convention	1966
19670069957	A multiple device approach to solid state microwave power generation Interim technical report, Jul. 1 - Sep. 30, 1966	1966
19670069958	Gas temperature corrections in enclosed ionization gauges, September 1965 - April 1966	1966
19670069959	Supersonic transport development Sixth comprehensive technical progress report	1966
19670069960	The development of covered electrode weld metal for HY-130/150 steel	1966
19670069961	Accelerated reliability testing for nonelectronic parts Final report, Feb. 1965 - Jun. 1966	1966
19670069962	Bistable element switching study Final report, 25 Feb. 1965 - 25 Mar. 1966	1966
19670069963	Electromagnetic coupling reduction techniques Quarterly report, 15 Jun. - 14 Aug. 1966	1966
19670069964	Band intensity of NO fundamental	1966
19670069965	Solid-state synthesis of microwave functions Interim technical report, 1 May - 31 Jul. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069966	Ground radome study Final report, Jun. 1965 - Jan. 1966	1966
19670069967	Investigation of single crystal silicon ribbon Interim report, 1 Jun. - 31 Aug. 1966	1966
19670069968	Wind tunnel investigation to determine static stability and pressure distribution characteristics of small-scale models of the Titan III/MOL launch configuration at Mach numbers from 0.60 to 3.10 Technical report, 1 Jun. - 7 Jul. 1966	1966
19670069969	Kinetic and thermodynamic studies of the vaporization of inorganic compounds at high temperature Final report, 1 Nov. 1962 - 31 Oct. 1965	1966
19670069970	Detection of a broadband target in nonstationary noise by a nondirectional hydrophone	1966
19670069971	Intensity profiles of the RCA solar simulator in the vicinity of the field lens	1966
19670069972	Advanced heat exchanger designs of compact heat exchangers when operating in a marine environment Quarterly progress report	1966
19670069973	Signal processing studies and analysis Quarterly report, 16 Apr. - 15 Jul. 1966	1966
19670069974	Research in high temperature plasma Semiannual technical report, 1 Jan. - 30 Jun. 1966	1966
19670069975	Extracting analogue signals from noise using a digital computer	1966
19670069976	Dynamic gas film accelerometer study. Part I - Development and test program Final report, Mar. 1965 - Feb. 1966	1966
19670069977	A realizability theory for smooth lossless transmission lines	1966
19670069978	Development of an experimental method for the study of chemical kinetics involving excited states of flowing gases Final report	1966
19670069979	A computer program for calculating the transfer efficiency of laser pumping cavities	1966
19670069980	Development and evaluation of diffusion bonded laminated sections Interim progress report, 20 Jun. - 30 Sep. 1966	1966
19670069981	A prediction computer for an optical frequency radar	1966
19670069982	A preliminary wind tunnel investigation of the HAGR configurations at transonic, supersonic and hypersonic Mach numbers	1966
19670069983	Conceptual and requirement study for V/STOL FLIGHT test support facilities Final report, 5 Jul. - 19 Sep. 1966	1966
19670069984	SNAP-50/SPUR Quarterly technical progress report, period ending Sep. 30, 1966	1966
19670069985	Analysis of optical wavefront distortions caused by the atmosphere Interim technical report, 21 Jan. - 20 Apr. 1966	1966
19670069986	APL geodetic satellite project /ANNA/ STATUS report, Jan. - Mar. 1966	1966
19670069987	A double-layer mechanism for the complexion embrittlement of silver chloride	1966
19670069988	Seal tests of the MG-3 radiation measuring set, 9-25 August 1966	1966
19670069989	Explosive magnetohydrodynamics Quarterly report, 1 Jun. - 30 Sep. 1966	1966
19670069990	Optical pumps for lasers, phase II QUARTERLY progress report, 1 Apr. - 30 Jun. 1966	1966
19670069991	Solid state broadband optical detector Final report, 1 May 1965 - 15 Jun. 1966	1966
19670069992	Improved X-band extended interaction resonators Semiannual report, Nov. 1965 - May 1966	1966
19670069993	Filament-metal matrix composite motor case study Quarterly technical progress report, 30 Jun. - 30 Sep. 1966	1966
19670069994	Feasibility demonstration for direct chamber bleed hot gas secondary injection thrust vector control, volume I, book 2 Final report	1966
19670069995	Failure mechanisms in MOS transistors Quarterly report, 28 Mar. - 28 Jun. 1966	1966
19670069996	Microstructural response and failure mechanism in a polybutadiene composite solid propellant system	1966
19670069997	New methods leading to high efficiency in traveling-wave tubes Quarterly progress report, 1 Mar. - 31 May 1966	1966
19670069998	Development of a manufacturing process for producing high-quality electrical strip from ultrahigh-purity aluminum for magnet applications Interim engineering progress report no. 1, 1 Jul. - 30 Sep. 1966	1966
19670069999	Ceramic systems for missile structural applications Quarterly report, 1 May - 31 Jul. 1966	1966
19670070000	Electro-optical matrix display Final engineering report, 18 Jun. 1965 - 18 Jun. 1966	1966
19670070001	Polarization characteristics of an ionized gas laser in a magnetic field Interim technical report, 1 Sep. 1965 - 30 Jun. 1966	1966
19670070002	Iridium-base alloys and their behavior in the presence of carbon Final report	1966
19670070003	The effect of heat treatment on the thermal expansion of pyrolytic graphite, February - April 1965	1966
19670070004	Deflections of light rays traversing a medium with macroscopic random inhomogeneities - Application to schlieren analysis of a turbulent wake	1966
19670070005	Improved nonflammable hydraulic fluid Bimonthly progress report, 10 Sep. - 10 Nov. 1966	1966
19670070006	Experimental investigation of ground antenna characteristics Task report no. 16	1966
19670070007	Arc discharge sources Semiannual report, 15 Apr. - 15 Oct. 1966	1966
19670070008	Proceedings of workshop on 20 May 1966 solar eclipse	1966
19670070009	Effects of external forces /Transient and permanent/ Final report, 3 May 1965 - 2 May 1966	1966
19670070010	Ten watt, CW CO ₂ gas laser Interim technical report, 1 Jul. - 30 Sep. 1966	1966
19670070011	The active damping of free-rotor gyros	1966
19670070012	Flexible integrated solar cell array Quarterly report, 1 Jul. - 1 Sep. 1966	1966
19670070013	Development of a new high-strength semiaustenitic precipitation hardenable stainless steel Quarterly progress report, Feb. 1 - May 1, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070014	Color coding reticle radiometer model M40 Final report, 1 Jul. 1965 - 30 Jul. 1966	1966
19670070015	High temperature polymers from 1,3-dipolar addition reactions Quarterly progress report, 1 Aug. - 31 Oct. 1966	1966
19670070016	Investigation and compilation of the thermodynamic properties of rocket exhaust products Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670070017	Nuclear magnetic resonance studies of liquids and liquid mixtures Final report	1966
19670070018	An introduction to combustion instability in liquid propellant rocket engines	1966
19670070019	Time-varying ablative-surface recession rates of refractory composites	1966
19670070020	GLOW. Relative oscillator strengths of CH. The heat of dissociation of CH	1966
19670070021	Fabrication development for hollow ball bearings Interim engineering progress report, 1 Aug. - 31 Oct. 1966	1966
19670070022	Electrode passivation studies Quarterly report, Jun. 1 - Aug. 31, 1966	1966
19670070023	Lubricity properties of high-temperature jet fuels Quarterly report, 15 May - 15 Aug. 1966	1966
19670070024	Photoresist technology improvement. Phase II. - New photoresist systems First interim report, 16 Apr. - 15 Jul. 1966	1966
19670070025	The dynamic behavior of a foil in the presence of a lubricating film	1966
19670070026	Study of crossed-field amplifiers Quarterly progress report, 16 Mar. - 15 Jun. 1966	1966
19670070027	Electro optical signal processing techniques for phased array antennas Quarterly progress report	1966
19670070028	Harmonics in the earth's gravitation field - An annotated bibliography	1966
19670070029	Calculation of doubly differential current albedos for monodirectional beams of episcadmium neutrons incident on concrete and comparison of the reflected subcadmium component with experimental results	1966
19670070030	Weldability of high-strength aluminum alloys	1966
19670070031	Monotony and motivation - A theory of vigilance	1966
19670070032	Feasibility study of metal base transistors Final report, 20 Jan. 1965 - 31 Mar. 1966	1966
19670070033	The role of emittance in refractory metal coating performance. Part I - Review and analysis Technical documentary report, 1 Jul. 1965 - 31 Jan. 1966	1966
19670070034	State-of-the-art solid rocket motor extinguishment	1966
19670070035	Combustion stability rating techniques Final report	1966
19670070036	Combustion in liquid propellant rocket engines - Some suggested topics for future research	1966
19670070037	Studies of electromagnetic compatibility of equipment and systems Progress report, 1 May - 31 Jul. 1966	1966
19670070038	Executive Control Program II /ECP-2/ FINAL technical report	1966
19670070039	Further work on an experimental voltage regulator for use with a wide speed range brushless generator	1966
19670070040	Research studies of high-density plasmas Seventh quarterly progress report, 15 Mar. - 15 Jun. 1966	1966
19670070041	Feasibility study of a universal aerial recovery system. Volume II - Test data packages	1966
19670070042	Millimeter radome electrical design techniques Semiannual engineering report, 1 Apr. - 30 Sep. 1966	1966
19670070044	Refractory metals /Cb, Ta, Mo, W/	1966
19670070045	An investigation of electron beam irradiation effects on metal-oxide- semiconductor transistors, part I	1966
19670070046	Sweep-frequency cw ionospheric sounding over an 8000-km path	1966
19670070047	A statistical analysis of drift for single- degree-of-freedom gyroscope	1966
19670070048	Model study of ionosphere perturbations and propagation between two sites Quarterly report, 1 Jul. - 1 Oct. 1966	1966
19670070049	Exploratory development of high resolution television camera tubes Interim engineering report, 10 Jan. - 10 Sep. 1966	1966
19670070050	Packageable high expansion ratio nozzles for solid propellant rocket motors Quarterly report, 1 Aug. - 31 Oct. 1966	1966
19670070051	Three-hundred degrees centigrade semiconductor for power devices Interim technical report, 1 Jul. - 30 Sep. 1966	1966
19670070052	Development of infrared sources Final progress report, 20 Jan. - 30 Sep. 1966	1966
19670070053	Combustion stability of metallized gelled propellants Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670070054	International Aerospace Instrumentation Symposium /4th/ presentation on the measurement and analysis of rotor blade airloads and the resulting dynamic response of a large tandem rotor helicopter	1966
19670070055	Development of lightweight broadband radomes from slip-cast fused silica Interim technical report, 1 Jun. - 30 Sep. 1966	1966
19670070056	An evaluation of aircraft experimental fasteners Progress report, 15 Sep. 1965 - 15 Apr. 1966	1966
19670070057	Factors affecting the compatibility of liquid cesium with containment metals Final report, Feb. 1965 - May 1966	1966
19670070058	Investigation of a developer formula for spray processing of high acuity aerial duplicating film Technical report, 15 Jul. 1965 - 1 Jul. 1966	1966
19670070059	Resistance welding of refractory metals Interim engineering progress report no. 5, 1 Jul. - 30 Sep. 1966	1966
19670070060	Synthesis of noncommercially available compounds Annual summary report, 15 May 1965 - 14 Aug. 1966	1966
19670070061	Research on new techniques in absorption and emission spectroscopy Quarterly progress report, Jul. - Sep. 1966	1966
19670070062	Development of a manufacturing process for the electroslag melting and casting of materials Quarterly progress report, 15 Jul. - 15 Sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070064	Measurement of local spectral intensities in case of a nonuniform light source of radial symmetry Final technical report, Jun. 1964 - Jan. 1966	1966
19670070065	Research on the deposition of magnetic intermetallic compounds in thin films Summary technical report, 31 May 1965 - 31 Mar. 1966	1966
19670070066	A study of the Mach number field of a hot turbulent subsonic jet	1966
19670070067	Fabrication techniques for light weight hyper-environment E-M windows Quarterly interim report no. 5, 1 Jun. - 31 Aug. 1966	1966
19670070068	A dividing table for testing synchros at high temperature	1966
19670070069	Fiber-reinforced metals	1966
19670070072	The sealing of threaded joints. Part 5 - A review of commercial sealants	1966
19670070073	Airborne phased array techniques Interim technical report no. 1, 1 Aug. - 31 Oct. 1966	1966
19670070074	The dynamic stress-strain relation for a sand as deduced by studying its shock-wave propagation characteristics in a laboratory device Final report, Jan. 1963 - May 1964	1966
19670070076	Molecular vibrational energy distributions during exchange-dominated relaxation	1966
19670070077	Secondary gamma ray transmission through Nevada test site soil	1966
19670070078	Equation of state of solids using shock wave propagation - An annotated bibliography	1966
19670070079	Pneumatic fittings An annotated bibliography	1966
19670070080	F-5A category III supplementary stability and control test, volume V, appendix III	1966
19670070081	Dynamic gas film accelerometer study. Part II - Accelerometer test results Final report, Mar. 1965 - Feb. 1966	1966
19670070082	Feasibility demonstration for direct chamber bleed hot gas secondary injection thrust vector control, volume I, book 1, sections 1-5 Final report, 1 Jun. 1964 - 24 Jun. 1966	1966
19670070083	Small diameter, thin walled columbium alloy tubing program Final report, 15 Oct. 1964 - 30 Jul. 1966	1966
19670070084	Exploratory development of high-temperature heat exchangers Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670070085	Single-beam and dual-beam slotted TEM-line antennas	1966
19670070086	A design technique for realizing a microwave tunnel-diode amplifier in stripline Final technical report, Nov. 1964 - Jan. 1966	1966
19670070087	Application of field-effect transistors to R-F power generation	1966
19670070088	Twinning dislocations in aluminum	1966
19670070089	Removal of stored angular momentum from a control moment gyro system by means of geomagnetic torquing	1966
19670070090	Gridded amplifier tubes for pulsed C-band frequencies Third quarterly progress report, 15 Mar. - 14 Jun. 1966	1966
19670070091	Structural dynamics report T-IIIB Final report	1966
19670070093	Selectively degenerate laser cavity Interim report, Mar. 20 - Sep. 20, 1966	1966
19670070094	A two-dimensional omega equation for the 1000-700 MB layer with diabatic heating	1966
19670070095	Propellant level control and loading systems. SLV-3 follow-on test parameters, 69-00713, book no. 1	1966
19670070096	Lattice deformation feasibility study Technical report, 1 Jul. - 30 Sep. 1966	1966
19670070097	Dose rate effects - An annotated bibliography	1966
19670070098	Performance of an Army high capacity extraction force transfer coupling system	1966
19670070099	A small eidophor for the projection of black and white television pictures	1966
19670070100	Quantum multipliers and mixers Fourth quarterly progress report, 1 Feb. - 30 Apr. 1966	1966
19670070101	New switching concepts Quarterly progress report, 1 Mar. - 31 May 1966	1966
19670070102	Performance degradation measurements of AM VOICE communications receivers Technical report /interim/, Aug. 1964 - Dec. 1965	1966
19670070103	Test and evaluate the Fairchild space and defense systems viewer-printer model, FSDS-AL 008-001	1966
19670070107	TRAP Re-Entry Data Report for WSMR Test No. Athena 051	1966
19670070109	Experiment critique and RVIP instrument data validation Langmuir probe /U/	1966
19670070111	Design study and cost estimate for application of Lockseal to 260-inch solid rocket motor /U/ Final report, Jun. - Oct. 1966	1966
19670070113	Research in fluoro-nitro compounds /U/ Semiannual report, 1 Jan. - 30 Jun. 1966	1966
19670070114	Infrared sensor arrays /U/ Interim technical report, 1 Jul. - 30 Sep. 1966	1966
19670070115	Mixing of highly sensitive solid propellants /U/ Interim report, 1 Jul. - 30 Sep. 1966	1966
19670070116	Design and analysis of a wide Mach number range, fixed geometry, scramjet engine inlet /U/	1966
19670070117	An experimental investigation of several ablation materials for scramjet engine applications /U/	1966
19670070119	Supersonic transport propulsion, phase IIC /U/ Monthly technical progress report, Jul. 1966	1966
19670070120	Kinetics of decomposition of solid oxidizers /U/ Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670070121	Liquid propellant performance calculations. Volume I - Tables 1-436 /U/	1966
19670070122	Aerodynamic interference effects of delta wings in close proximity - Pressure tests at Mach 8 /U/	1966
19670070123	Direct hot gas expulsion of oxidizer, chlorine trifluoride /CTF/ /U/	1966
19670070125	Development of a supersonic transport aircraft engine, phase II-C /U/ Monthly progress report, 1-30 Jun. 1966	1966
19670070126	Development of a supersonic transport aircraft engine, phase II-C /U/ Monthly progress report, 1-31 Aug. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070127	LMH-1 - A promising high energy solid rocket fuel /U/ Special report no. 1	1966
19670070128	Investigation of liquid-metal hydrides /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670070129	Material and processes R and D report, storable toroidal combustor demonstration program, volume II /U/ Final report, 1 Jun. 1965 - 30 Jun. 1966	1966
19670070130	Solid propellant review /U/	1966
19670070131	Simulated altitude performance of air- augmented solid-propellant rocket motors, phase I. Part II - Performance mapping of a selected motor-ejector configuration /U/	1966
19670070133	Demonstration of a multiple-ignition device for use with a restartable solid propellant motor /U/ Final report, 1 Jul. 1965 - 1 Jul. 1966	1966
19670070138	Investigation of the thermodynamic properties and the decomposition kinetics of propellant ingredients /U/ Quarterly progress report no. 3, 1 Jul. - 30 Sep. 1966	1966
19670070139	Synthesis of LMH-2 /U/ Quarterly progress report no. 3, 4 Jul. - 3 Oct. 1966	1966
19670070140	High current, short life cathodes for linear-beam tubes /U/ Quarterly progress report no. 3, 1 May - 31 Jul. 1966	1966
19670070141	Advanced pressurization systems technology program /U/ Final report	1966
19670070142	Demonstration of a high-thrust hybrid thrust chamber assembly /U/ Quarterly technical report, 1 Jun. - 31 Aug. 1966	1966
19670070144	Results of study program for simultaneous video sampling processor system Interim report	1966
19670070145	Permanent tube joint technology Interim report, 1 Dec. 1965 - 30 Jun. 1966	1966
19670070146	Effects of lubricants on helicopter spur gear fatigue	1966
19670070147	Intrinsic infrared detector development Quarterly technical progress report, 5 Jul. - 4 Oct. 1966	1966
19670070148	The determination of acetate in the normal lead salt of 2-4-dinitro-resorcinol /composition r. d. 1337/	1966
19670070149	F-5a category II supplementary stability and control test, volume III, appendix III	1966
19670070150	Comparisons between sound pressure levels at crew stations in the "standard" and a-new Mod.3 P-3A aircraft	1966
19670070151	Kic and W/A fracture toughness properties of AFC-77 stainless steel Technical report, Jan. 1965 - Jan. 1966	1966
19670070152	Techniques for the analysis of three- dimensional effects in supersonic inlets	1966
19670070153	Simplified magnetoaerodynamic flow relations for axisymmetric blunt bodies	1966
19670070154	The impact of the I.A.E.A. regulations on the transport of irradiated fuel	1966
19670070155	Mechanical power, equipment and environmental control Technical research report, Jan. - Jun. 1966	1966
19670070156	Quarterly Bulletin of the Division of Mechanical Engineering and the National Aeronautical Establishment, 1 July - 30 September 1966	1966
19670070157	Profiles and power spectra of some off- runway landing areas	1966
19670070158	The turbulent reattachment fluid amplifier	1966
19670070159	Development of free-flight technique for NAE helium hypersonic wind tunnel	1966
19670070160	Optical technology program Interim technical report, 1 Jul. - 30 Sep. 1966	1966
19670070161	High resolution lenses Quarterly report, May 1 - Jul. 31, 1966	1966
19670070162	Flight mechanics and flight control Technical research report, Jan. - Jun. 1966	1966
19670070164	A gated-noise reference unit for simulating quantization distortion Research report, Jun. 1963 - Apr. 1964	1966
19670070166	Operation Rover KIWI-TNT experiment - Field check of tactical dosimeters IM-185 /XE/, individual dosimeters DT-236/XE/, and other dosimetry systems	1966
19670070167	History of Gemini/Titan launch vehicle-II at ETR	1966
19670070168	High power broadband multi-throw diode switches Quarterly report, 1 May - 30 Jul. 1966	1966
19670070169	Investigation of receiver CW DESENSITIZATION characteristics Final report	1966
19670070170	Effect of sulfur in JP-5 fuel on hot corrosion of coated superalloys in marine environment Progress report, Apr. 1 - Jun. 30, 1966	1966
19670070171	A cryogenically cooled mechanical chopper for infrared applications	1966
19670070172	Environmental research satellites for space propulsion systems experiments Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670070173	Brain chemistry and adaptive behavior Final technical report, 1962 - 1966	1966
19670070174	Infrared spectrum of deuterium sulfide	1966
19670070175	Mathematical studies for self-organizing systems Final report	1966
19670070176	Propellant frosting effects Final report, Apr. - Sep. 1965	1966
19670070177	Avionics reliability and maintainability prediction by function Final report, Apr. 1964 - Aug. 1966	1966
19670070178	Evaluation of an integral arising from the study of the magnetic field of ocean waves	1966
19670070179	Evaluation of the stress corrosion susceptibility of titanium sheet alloys coated with high temperature sealants Quarterly progress report 1 Aug. - 1 Nov. 1966	1966
19670070180	Qualification test results on Connecticut Hard Rubber Company product temp-r-tape TV-360	1966
19670070181	An electrochemical examination of the effect of temperature on the corrosion of heat exchanger tube alloys	1966
19670070182	Compilation of data on crew emergency escape systems Final technical report, Feb. 1965 - Aug. 1966	1966
19670070183	Preferential changes in electronic materials Interim report, 1 Jul. - 30 Sep. 1966	1966
19670070184	Applied research on efficiency improvement in O-type traveling-wave tubes Interim engineering report, 1 Apr. - 31 Jun. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070185	The latitude distribution of ozone at high altitude, deduced from a satellite measurement of the earth's radiance at 2840 angstrom	1966
19670070186	A development study of technique to add electronic scanning and multiple-target tracking to a fixed beam radar Final report, 1 Jun. 1965 - 23 Jun. 1966	1966
19670070187	Development of materials for sonar domes and sonar array housings Progress report	1966
19670070188	Development of a transistor-varactor diode capable of 5 watts output at 2.3 gigahertz Interim technical report, 1 Jun. - 31 Aug. 1966	1966
19670070189	Research and development of an electro-optic wideband spectrum analyzer Final report, 1 May - 15 Aug. 1966	1966
19670070190	Reflector antenna zoom techniques Quarterly report, 22 Mar. - 22 Jun. 1966	1966
19670070192	Feasibility test model electro-optical miss distance system Final report, 12 Apr. 1965 12 Apr. 1966	1966
19670070193	Ring laser techniques Interim technical report, 1 May - 31 Jul. 1966	1966
19670070194	The development of a fossil fuel fired heat pipe for use with thermionic energy converters Final report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670070195	Novel image-dissector camera tube for surveillance application investigation Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19670070196	Study of microplastic properties and dimensional stability of materials Quarterly progress report	1966
19670070197	Nonradiative processes in optical maser materials Progress report, 1 Apr. - 30 Sep. 1966	1966
19670070198	Cost versus value of ball bearings	1966
19670070199	A closed die drop-stamp forging in R.A.R.D.E. STEEL by ausforming	1966
19670070200	Production Engineering Measure /PEM/ QUARTERLY progress report, 1 Jul. - 30 Sep. 1966	1966
19670070201	Theoretical and experimental investigation of optical heterodyning Final report	1966
19670070202	Development of a helicopter capsule escape system Final report	1966
19670070203	Inductance-capacitance bridge position transducer	1966
19670070204	Collection, reduction and analysis of parts reliability data for reliability central. Volume I - Data collection and conversion Final report, Mar. 1965 - Mar. 1966	1966
19670070205	Analysis of intensity and speed distribution of a molecular beam from a nozzle source	1966
19670070206	A method for solving nonlinear maximum- problems depending on parameters	1966
19670070207	Multiple target coherent optical receiver techniques Interim report, 10 Mar. - 10 Jun. 1966	1966
19670070208	Research in radiation physics and aerodynamics Semiannual technical summary report, period ending 30 Sep. 1966	1966
19670070209	Applications of lattice theory to threshold logic Interim report, Jun. 1963 - Jun. 1966	1966
19670070210	Stress-corrosion cracking of aluminum alloys	1966
19670070211	The application of vibrational energy to the drawing of metallic materials Final technical report, 1 Mar. 1965 - 30 Jun. 1966	1966
19670070212	Reconstruction of functions from discrete mean values	1966
19670070213	Accumulation of second order strain in cyclic loading of viscous bar	1966
19670070214	Fundamental aspects of fracture, with reference to the cracking of steel weldments	1966
19670070215	Scattering and absorption cross sections of water spheres at millimeter wavelengths Report, 1 May - 30 Jun. 1966	1966
19670070216	The effect of a plate on a pressure pulse in a fluid half-plane Report, 1 Jan. - 15 Jun. 1966	1966
19670070218	Aerobee KP 3.16 /11 October 1966/ Meteorological data report	1966
19670070219	Quarterly reliability and quality assurance report. Volume II - Quality assurance Progress report, Jul. - Sep. 1966	1966
19670070220	Improvement of tear resistance of coated fabrics Quarterly technical report, 3 May - 2 Aug. 1966	1966
19670070221	Applied research in thin-film field-emission tubes Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670070222	Evaluation of detection devices /biological/ Quarterly report, 1 Jul. - 20 Sep. 1966	1966
19670070223	The Ferranti Command guidance report. Section 5 - Optimisation	1966
19670070224	Research and development of high resolution television tubes Final technical report, 30 Jun. 1965 - 15 Aug. 1966	1966
19670070225	Variational calculations for quartet states of three-electron atomic system	1966
19670070226	The Space Defense Center backup - Conceptual design for data processing	1966
19670070227	Nylon-neoprene laminates Final technical report, 14 May 1965 - 6 Jul. 1966	1966
19670070228	Project III of a basic study of the sliding contacts in rolling bearings Quarterly progress report, Jul. 16 - Oct. 16, 1966	1966
19670070229	The origin of the stars	1966
19670070230	The characterization and penetration of metal oxide films Annual report, Sep. 1965 - Aug. 1966	1966
19670070231	Evaluation testing of steels and alloys, special purpose Final report	1966
19670070232	A new theoretical solution of the laminar, hypersonic near wake. Part I - Formulation and method of solution	1966
19670070233	Nuclear spin-lattice relaxation and electric field gradient in liquid indium	1966
19670070234	Antenna array element study Final report 1965 - 1966	1966
19670070235	Cathodic performance of porous Ag ₂ O/Ag at low temperatures	1966
19670070236	Large scale integrated circuit array Interim technical report, 16 Jul. - 15 Oct. 1966	1966
19670070237	Feasibility demonstration of a rocket engine ablation gauge Summary report, Apr. - Aug. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070238	Electrostatic focusing of hollow spiraling electron beams Quarterly report, 5 Apr. - 5 Jul. 1966	1966
19670070239	Porous leading edge development and experiments on transpiration effects for a blunt plate in hypersonic, laminar flow, volume III Final report, Jun. 1964 - Mar. 1966	1966
19670070240	Compatible semiconductor thin film techniques Final report, May 1965 - Apr. 1966	1966
19670070241	Development of a C-band phased array crossed-field amplifier Quarterly progress report, 1 Jun. - 1 Oct. 1966	1966
19670070242	Satellite communications terminal AN/TSC-54 VOLUME II Quarterly Progress report, 31 Mar. - 31 Jun. 1966	1966
19670070243	Measurement of solar radiation at 430 megacycles Quarterly status report, May 1 - Jul. 31, 1966	1966
19670070244	Alkali metal resistant electrical devices Quarterly technical progress report, Jun. 20 - Sep. 25, 1966	1966
19670070245	Electroexplosive devices SLV-3 follow-on test parameters 69-00716, book no. 1	1966
19670070246	Observations of the VLF emission hiss at 8 kc/s in Greenland	1966
19670070247	Radiation effects on explosives and shock wave studies - An annotated bibliography	1966
19670070248	A study of "in-and-down" scattering with 137Cs gamma radiation	1966
19670070249	Athena flight number 050 /1 September 1966/ and Athena flight number 051 /2 September 1966/ Meteorological data report	1966
19670070250	Mechanical-property data TD nickel	1966
19670070251	Organic electronic materials for molecular electronics Interim technical report, May 1 - Jul. 31, 1966	1966
19670070252	Exploratory propellant chemistry Semiannual report, 1 Jul. - 31 Dec. 1965	1966
19670070253	High density information recording and display techniques study Quarterly progress report, 20 Apr. - 20 Jul. 1966	1966
19670070254	Camera tube with internal image-motion	1966
19670070255	Tracer and mutual diffusion in benzene- rubber mixtures	1966
19670070256	Flight test of antenna systems in the CH-46A helicopter /vertol/ Interim report	1966
19670070257	Faraday rotation data - Bangkok, Thailand Geophysical data report, Jan. - Jun. 1966	1966
19670070258	Gallium arsenide functional electronic blocks Final technical report, 15 Dec. 1963 - 11 Jun. 1966	1966
19670070259	The dynamics of wind in the vicinity of progressive water waves	1966
19670070260	An empirical model of short-path atmospheric absorption of infrared radiation	1966
19670070261	Heat sealable, fuel resistant coated fabrics Final technical report	1966
19670070262	Nondestructive methods for the evaluation of ceramic coatings, part VI Technical report, 1 Apr. 1965 - 31 Mar. 1966	1966
19670070263	A new method of measuring the impedance of the human respiratory system at moderate frequencies	1966
19670070265	Electromagnetic scattering by a turbulent cylindrical plasma	1966
19670070266	Stress-induced desorption from aluminum, magnesium, and molybdenum	1966
19670070267	Temporal integration of brightness	1966
19670070268	Solution of transient heat transfer problems for flat plates, cylinders, and spheres by finite-difference methods with application to surface recession	1966
19670070269	Thin film image converter Final technical report, 24 Apr. 1963 - 23 Aug. 1966	1966
19670070270	Nonlinear response of a thin circular ring under a uniform step pressure load	1966
19670070271	Charged particle power generation and propulsion Final technical report, 15 Jun. 1964 - 15 Sep. 1965	1966
19670070273	The analytical performance of lifting surfaces supporting plane shock waves	1966
19670070274	Preliminary development testing of a 53-ft parachute with conical extension for aerial retrieval, March 1965 - January 1966	1966
19670070275	Wall cooling effects on hypersonic boundary layer transition, Miequals7.5-15 Technical report, 1 Jul. - 31 Dec. 1965	1966
19670070276	Study of correlation properties of binary sequences Final report, 1 May 1965 - 1 May 1966	1966
19670070277	Meteorological observations in Canada - Monthly record, February 1966	1966
19670070279	Physics of electron emission. Volume I - Techniques and secondary emission Final report, 16 Oct. 1962 - 31 Jan. 1966	1966
19670070280	The development, design, and fabrication of semirad dosimeter and charger Technical report, 1 Nov. 1963 - 31 May 1966	1966
19670070281	Electron-optical studies of aluminum surfaces pretreated for adhesive bonding Final report	1966
19670070282	Spreading of liquids on solids under controlled interfacial conditions Annual summary report	1966
19670070284	Cryoelectric random access memory phase III, VOLUME II Final report, 1 Mar. 1964 - 31 Aug. 1965	1966
19670070285	Rockville Dam - Long range seismic measurements, 3 April 1966	1966
19670070286	Electron collision cross sections in air and the effects of elevated gas temperatures Technical report, Jun. 1965 - Jun. 1966	1966
19670070287	Compressible flow through a porous plate	1966
19670070288	The photo electron method as a tool in atomic and solid state physics Final technical report, Jun. 1965 - May 1966	1966
19670070289	Determination of the constitutive parameters at microwave frequencies by the scattered fields of a spherical body	1966
19670070290	Contact end item detail specification. Part I - Performance/design and qualification requirements, feed assembly, VHF	1966
19670070291	Auroral backscatter wavelength dependence studies Interim technical report, 3 Dec. 1965 - 3 Jun. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070292	Applicability of olfactory transducers to the detection of human beings Final technical report, 1 Feb. 1965 - 31 Jul. 1966	1966
19670070293	Coherent optical array techniques Final report	1966
19670070294	An evaluation of the shock tunnel for use as a hypersonic airbreathing propulsion test facility Technical report, 10 Feb. 1964 - 10 Jul. 1966	1966
19670070295	The image-intensifier/photoreceptor-array input system Final technical report	1966
19670070296	Investigation of thermodynamic properties of rocket combustion products Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670070297	High power RF plasma heating and wave propagation near the fundamental and harmonics of the ion cyclotron frequency	1966
19670070298	Nike-Hydac STV /SR-040/ /4 October 1966/ Meteorological data report	1966
19670070299	Gunn effect devices Quarterly technical report, 15 May - 15 Aug. 1966	1966
19670070300	The effect of nuclear radiation on transducers	1966
19670070301	Individual respiratory protection against chemical and biological agents Quarterly progress report, Apr. - Jun. 1966	1966
19670070302	Precipitation of 400 keV electrons in the auroral zone, June 1964 - June 1966	1966
19670070303	Oblique flow headers for heat exchangers - The ideal geometries and the evaluation of losses	1966
19670070304	Circular arrays of Beverage antennas for high frequency direction finding Interim development report, 1 Jul. - 30 Sep. 1966	1966
19670070305	Optimum coherent optical receiver techniques Interim report, 31 Mar. - 30 Jun. 1966	1966
19670070306	High energy non-aqueous battery system Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670070307	Developing a process for ausforming large, high-strength steel aircraft structural components with improved design and weight reduction Interim engineering progress report no. 5, 15 Jul. - 14 Oct. 1966	1966
19670070308	High power laser amplifier chain techniques Quarterly report, 15 Apr. - 15 Jul. 1966	1966
19670070309	Time dependent nonlinear solution of the Landau-Vlasov equations for an electron- ion diode. Part I - Low voltage arc studies Final report	1966
19670070310	Compilation of nuclear, pulsed, and space radiation effects projects	1966
19670070311	Optimal control of distributed parameter systems using multilevel techniques	1966
19670070312	Research on the theory of Riemann surfaces Final report, 1 Sep. 1955 - 30 Sep. 1966	1966
19670070313	Reliability evaluation report. Round VII CS propellant tank	1966
19670070314	Low pressure measurement techniques Final technical report, 12 Jun. 1964 - 31 Dec. 1965	1966
19670070315	Parallel processing computer system Final report	1966
19670070316	Research on relaxation processes in magnetic materials Progress report, Jul. 1 - Sep. 30, 1966	1966
19670070317	Meteorological rocket network firings. Volume LV - Arch 1966 firings Data report	1966
19670070318	Cumulative detection probability for continuous-parameter stochastic processes Progress report	1966
19670070319	SFT material friction test Test engineering technical report	1966
19670070320	Low weight focusing schemes for TWT QUARTERLY progress report, 3 Feb. - 2 May 1966	1966
19670070321	Stress corrosion cracking of high strength aluminum alloys	1966
19670070322	Reaction rates - Special bibliography no. 5	1966
19670070323	Continued studies on advanced ferrimagnetic materials applied to digital phase shifters Semiannual report, 28 Feb. - 28 Aug. 1966	1966
19670070324	Radiation hardening with overload switches Technical report, Apr. 1965 - Jun. 1966	1966
19670070325	Project VT/5051, deep well research Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670070326	Attempted growth by dendritic electrodeposition of a field-trainable, electrochemically-active cortex Final report, Jun. 1965 - Jun. 1966	1966
19670070327	Integral inequalities for two functions	1966
19670070328	Aerobee NASA 4.161 NA /22 October 1966/ Meteorological data report	1966
19670070329	Polyphenylene resin /aromatic/ Interim engineering progress report no. 1, 30 Jun. - 30 Sep. 1966	1966
19670070330	The hydrothermal growth of large ruby crystals Interim engineering progress report, 15 Apr. - 15 Jul. 1966	1966
19670070331	X-ray examinations and review of indications with regard to hazard to gonad function	1966
19670070332	Vela satellite flight planning, March - August 1965	1966
19670070333	Aerobee NASA 4.180 UA /2 December 1966/ Meteorological data report	1966
19670070334	A computer program for VLF mode constants in an earth-ionosphere waveguide of arbitrary electron density distribution Interim report	1966
19670070335	Role of the autonomic nervous system and hypoxia in the cardiac control of squirrel monkeys exposed to 200 plus Gx for 200 seconds Final report, 16 Oct. 1965 - 15 Sep. 1966	1966
19670070336	Study of transverse wave interactions Triannual report no. 1, 1 May - 31 Aug. 1966	1966
19670070337	Aerobee AE 3.724 /5 December 1966/ Meteorological data report	1966
19670070338	Radiological armor program reflection and transmission of 14.6-MeV neutrons incident on shield materials Final report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670070340	Process evaluation for large solid motor cases, internal roll-extruded Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670070341	Investigation into the production of thin walled components by cold forging methods under ausforming conditions, part I	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070342	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report no. 1, 1 Jul. - 30 Sep. 1966	1966
19670070343	Investigation of the feasibility of pumping gases by a nonuniform electric field	1966
19670070344	Frequency azimuth video receiver Quarterly report, 1 Apr. - 31 Jun. 1966	1966
19670070345	Properties of photodetectors	1966
19670070346	Manufacturing methods for plastic airframe structures by filament winding Quarterly report, May - Jul. 1966	1966
19670070347	Microelectronic piezoelectric oscillator Quarterly report	1966
19670070348	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, 20 May - 20 Aug. 1966	1966
19670070349	Photometallic process investigation Interim development report, Jun. 1 - Aug. 31, 1966	1966
19670070350	Multi-channel field-effect transistors Technical report, 1 Mar. 1965 - 1 Jun. 1966	1966
19670070351	Intrinsic 8 to 12 micron photon detectors Final technical report, 8 Apr. 1965 - 8 Jul. 1966	1966
19670070352	Measurements of infrared fluorescence of certain optical materials as stimulated by visible light	1966
19670070353	Fabrication methods with molded shims for aerodynamics surface control Quarterly report, period ending 1 Oct. 1966	1966
19670070354	On sequential-design risk evaluation with two random variables	1966
19670070355	Wave and diagnostic studies of plasmas Quarterly report, 1 May - 31 Jul. 1966	1966
19670070356	Analysis of pulsating flows in infinite and finite conical nozzles Technical report, Mar. 1965 - Oct. 1966	1966
19670070357	An automatic digital pulse analyzer	1966
19670070358	Storable concentrated hydrogen peroxide Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670070359	LASA travel-time anomalies for various epicentral regions	1966
19670070360	Laminar incompressible leading and trailing edge flows and the near wake rear stagnation point Technical report, Jan. - Apr. 1966	1966
19670070361	Development of an integrated and mechanized high energy forming machine Interim engineering progress report no. 4, 1 May - 31 Aug. 1966	1966
19670070362	Satellite communications terminal AN/TSC-54, VOLUME IV Quarterly progress report, 31 Mar. - 31 Jun. 1966	1966
19670070363	Mathematical targeting research II the updating of inertial navigation systems by photogrammetric techniques Final technical report, May 1965 - Jun. 1966	1966
19670070364	An adaptive threshold logic gate using capacitive analog weights	1966
19670070365	Reprocessing of SAE9840 XS rotor blades	1966
19670070366	A basic study of particle adhesion	1966
19670070367	Integrated circuits for portable radar equipment Quarterly report no. 1, 1 Mar. - 31 May 1966	1966
19670070368	Liquid Propellant Test Methods Working Group - 21st meeting minutes	1966
19670070369	The ablating boundary layer on a Teflon plate in an arc-heated air stream	1966
19670070370	Electronically steerable field reflector antenna techniques Final report, 25 Jan. 1965 - 25 Mar. 1966	1966
19670070371	Stellar Acquisition Feasibility Flights /STAFF/	1966
19670070372	Measurement of the radiant energy output of the TOW flight motor exhaust	1966
19670070373	Flow velocity calculations for a "perpetual salt fountain"	1966
19670070374	Nonterrestrial chemical synthesis of food Report, 1 Sep. 1965 - 30 Mar. 1966	1966
19670070375	Development of manufacturing methods and techniques for the production of improved alkaline batteries Final technical report, 1 Apr. 1965 - 30 Jun. 1966	1966
19670070376	Investigation of Hybaline A14 as a combustion instability suppressant in a LO2/RP-1 combustion system	1966
19670070377	Meteorological turbulence statistics at Dugway Proving Ground	1966
19670070378	Optical turbulence reduction	1966
19670070379	Measurement of pressure in motors, rocket, 3-5 inch comparison of piezo-electric and strain gauge transducers	1966
19670070380	Transmission sputtering ratio in monocrystalline silver foils and associated reactor analysis of sputtered silver	1966
19670070381	Ion phenomena Quarterly progress report, Mar. - Jun. 1966	1966
19670070382	Finite width effects on the self acting foil bearing	1966
19670070383	Evaporation of liquid droplets in clouds and sprays Final report, Oct. 1965 - Sep. 1966	1966
19670070384	Diffuse light spectrophotometer Final technical report, Jul. 1, 1965 - Mar. 31, 1966	1966
19670070385	System effects on propellant storability and vehicle performance Final technical report, 1 Mar. 1965 - 19 Aug. 1966	1966
19670070386	A review of the poly/azoles/	1966
19670070387	Development of equipment for automatic narrow-gap welding for shipyard use Quarterly progress report, 12 Sep. - 30 Nov. 1966	1966
19670070388	Infrared detectors and detector materials Interim report, 1 Sep. - 30 Nov. 1966	1966
19670070389	On the occurrence and identification of vortex breakdown	1966
19670070391	Free-flight measurements of aerodynamic heat flux to slender cones with various surface finishes at high supersonic speeds	1966
19670070392	Study of heat transfer characteristics of hot-gas igniters Quarterly progress report, 16 Sep. - 15 Dec. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070393	Product engineering measure integrated amplifier/switching circuit Final engineering report, 1 Jul. - 31 Dec. 1966	1966
19670070394	Process development of large, close tolerance forgings of nickel base superalloys, phase I Engineering progress report, 1 Jul. 1965 - 30 Oct. 1966	1966
19670070395	A facility for the investigation of mechanical properties of materials in the temperature range plus20deg C to minus253deg.C	1966
19670070396	APCON-CIRLUNA patched-conic circumlunar targeting program	1966
19670070397	Space communications Quarterly technical summary report, 1 Jun. - 31 Aug. 1966	1966
19670070398	The tensile behavior of U.K. polyurethane and plastic propellants	1966
19670070399	Production engineering measures for microwave ferrimagnetic materials and circulators Quarterly progress report, 1 May - 31 Jul. 1966	1966
19670070400	A computer technique for the analysis of three-dimensional ballistic trajectory data including aerodynamic effects	1966
19670070402	Solid film lubrication research, part I Annual report, 1 Jun. 1965 - 1 Sep. 1966	1966
19670070403	Study of phase fluctuations over satellite-to- aircraft propagation path	1966
19670070404	Terrain analysis by electromagnetic means. Radar responses to laboratory prepared soil samples	1966
19670070405	Star gyro electronics development and instrument research Final report	1966
19670070406	A field of view correction computer with radar coordinate conversion	1966
19670070407	Tracking radar calibration using celestial radio sources. Volume III - Radio star catalogue Final report	1966
19670070408	Scattering of scalar waves by a bounded turbulent plasma Final report	1966
19670070409	Aerospace structural metals handbook Quarterly progress report, 1 Jul. - 1 Oct. 1966	1966
19670070410	Experimental Engineering Division Quarterly progress report, Jul. - Sep. 1966	1966
19670070411	Finite difference solutions for plate buckling problems	1966
19670070412	Sound velocities in rocks and minerals	1966
19670070413	Aerobee NASA 4.195 GAGI /25 October 1966/ Meteorological data report	1966
19670070414	Aerobee NASA 4.156 GM /29 August 1966/ Meteorological data report	1966
19670070415	Zero-six-three-zero-one Lance missile no. 019, round no. 28 RMT /10 August 1966/ Meteorological data report	1966
19670070416	Research on the resonant gate transistor Final report, 1 Dec. 1965 - 31 Jul. 1966	1966
19670070417	A rendezvous guidance scheme	1966
19670070418	Heterojunction device concepts Interim engineering report, 1 May - 31 Jul. 1966	1966
19670070419	A comparison of wing-rip methods for the tearing strength of fabrics	1966
19670070420	Liquid Propellant Test Methods Working Group - 20th meeting minutes	1966
19670070421	Ultrasonic inspection system modification Quarterly progress report, Jun. 1 - Sep. 1, 1966	1966
19670070422	Analysis and prediction of visibility at sea	1966
19670070423	The influence of pretorsion on notch brittle fracture Final technical report, 1 Jun. 1965 - 31 May 1966	1966
19670070424	The radial prolate spheroidal functions	1966
19670070425	The brittle fracture of non-metals Final report, Jun. 1, 1965 - May 31, 1966	1966
19670070426	The KC-97L performance and limited stability and control tests	1966
19670070427	The role of HNO in the H2-NO reaction	1966
19670070428	Stress waves in bounded media Quarterly report, Jun. 1 - Aug. 31, 1966	1966
19670070429	Electroacoustic properties of Mylar dielectric underwater sound transducers	1966
19670070430	X-ray attenuation and absorption coefficients	1966
19670070431	Techniques for data handling in a unit record photographic data reduction system /project "SCRAM"/ Final report	1966
19670070432	Boron fiber metal matrix composites by plasma spraying Final technical report, 15 Aug. 1965 - 15 May 1966	1966
19670070433	Physical properties of refractory materials Quarterly report, 1 May - 7 Aug. 1966	1966
19670070434	The implementation of formula Algol in FSL	1966
19670070435	Flow separation in high-speed flight. A report bibliography	1966
19670070436	Development of flexible epoxy resins and coatings Quarterly report. 11 Mar. - 10 Jun. 1966	1966
19670070437	A multiple device approach to solid state microwave power generation Summary technical report, 1 Jun. 1965 - 30 Jun. 1966	1966
19670070438	Investigation of physical properties and surface morphology of substrates Initial report, 3 Jan. - 3 Oct. 1966	1966
19670070439	Heat treatment by molten glass Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670070440	Parametric amplifiers for electronically steerable radar systems Quarterly report, 18 Mar. - 18 Jul. 1966	1966
19670070441	Electro optical signal processing techniques for phased array antennas Quarterly progress report, Jul. 1, 1965 - Sep. 30, 1966	1966
19670070442	Phenomenon of superconductivity /phase II/ PROGRESS report, Mar. 16 - Sep. 15, 1966	1966
19670070443	Performance analysis of inertial instrument gas bearings Final report	1966
19670070444	Evaluating the reliability of an accelerated test for qualifying ozone-protective waxes Quarterly progress report, 15 Feb. - 15 May 1966	1966
19670070445	An investigation into the ensemble properties of a Wiener canonical expansion	1966
19670070446	Strengthening mechanisms in steel Final report, Feb. 1962 - Feb. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070447	Development of a tubing and bar process for a dispersion strengthened Ni-Cr-ThO ₂ alloy Phase I report, 1 Jul. 1965 - 15 Oct. 1966	1966
19670070448	Castable carbonaceous insulation development Quarterly technical report, 15 Mar. - 30 Jun. 1966	1966
19670070449	Feasibility study of passive radio mapping Quarterly report, 1 May - 31 Jul. 1966	1966
19670070450	A special technique for spinning vehicle control synthesis	1966
19670070451	Exploratory development for an infrared spectrum shifter /IRSS-RF/ Final report, 15 Apr. 1965 - 15 Apr. 1966	1966
19670070452	Satellite communications terminal AN/TSC-54, VOLUME 1 Quarterly report, 31 Mar. - 31 Jun. 1966	1966
19670070453	Satellite communications terminal AN/TSC-54, volume 6 Quarterly progress report, 31 Mar. - 31 Jun. 1966	1966
19670070454	Supersonic laminar boundary layers on cones	1966
19670070457	An experimental study of helicopter rotor characteristics at tip-speed ratios up to 0.5	1966
19670070459	Statistically optimum optical data processing with automatic focus estimation, November 1965 - January 1966	1966
19670070460	A numerical method for prediction of the 1000 millibar surface	1966
19670070461	Comparison of behavior of primers for steel on outdoor exposure Interim report	1966
19670070462	The reduction of noise from supersonic nozzles	1966
19670070463	Electron microscopy in metallurgy - A conference sponsored by the British Institute of Metals, 28-30 September 1966	1966
19670070464	Development of the 'xm19 cool gas generator	1966
19670070465	Minimum-drag body with specified center of pressure	1966
19670070466	Slow-electron beam attenuation by gold films	1966
19670070467	Directory of potential highway airstrips in Thailand. Volume I - North East Thailand	1966
19670070468	Experimental observations of the Kadomtsev resistive instability	1966
19670070469	Maximum likelihood estimation of spectral density parameters of Gaussian processes Technical report, Nov. 1965 - Jan. 1966	1966
19670070470	A Stored Program Computer for Small Scientific Spacecraft	1966
19670070471	Model measurements of bistatic radar-cross-section	1966
19670070472	Exploding bridgewire /EBW/ initiator packs	1966
19670070474	Target acquisition and human factors theoretical parametric studies with and without search	1966
19670070475	Review of recent developments. Beryllium	1966
19670070476	Development of the manufacturing capabilities of the hydrostatic extrusion process Interim engineering progress report, 1 Dec. 1965 - 28 Feb. 1966	1966
19670070477	Aerodynamic data for loading action studies	1966
19670070478	Studies of adhesion between oil-resistant rubbers and fabric Final technical report, 13 May 1965 - 13 May 1966	1966
19670070479	Kinetics of the difluoromethylene-nitric oxide reaction	1966
19670070480	Solid state amplification Final technical report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670070481	Solid state amplification, phase II QUARTERLY progress report, 1 Jul. - 30 Sep. 1966	1966
19670070482	Studies on an alkali shock tube and on an MHD generator wind tunnel	1966
19670070484	Experimental demonstration of energy storage substations for aircraft actuation functions Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670070485	Dynamic performance of a subliming solid reaction jet Technical report, Mar. 1965 - May 1966	1966
19670070486	LM program real time simulation	1966
19670070487	Hydraulic system demonstration for CH-53A HELICOPTER	1966
19670070488	A tunable X-band coaxial magnetron. Volume I - Program history Final report, 1 Jul. 1964 - 1 Oct. 1965	1966
19670070489	Evaluating the reliability of an accelerated test for qualifying ozone-protective waxes Quarterly progress report, 15 May - 15 Aug. 1966	1966
19670070490	Effect of high pressure hydrogen on SAE 4140 and 1018 steels at ambient temperatures	1966
19670070492	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, 20 Aug. - 20 Nov. 1966	1966
19670070494	Properties of pyridinyl free radicals Semiannual progress report	1966
19670070495	Studies of the flow in a constricted tube arc jet	1966
19670070496	Development of high-temperature seal-lubricant deposit evaluation techniques Progress report, Jan. 1 - May 2, 1966	1966
19670070497	Studies of the effect of laser radiation on chemical activation and vapor fog nucleation Quarterly progress report, Jun. - Sep. 1965	1966
19670070498	Radiation effects on dielectric materials Quarterly report, 1 Mar. - 31 Jun. 1966	1966
19670070499	Free carrier microwave semiconductor devices Semiannual report, 15 Jan. - 15 Jul. 1966	1966
19670070500	Development of new techniques for the improvement of crossed-field amplifiers Interim development report, 15 Mar. - 14 Jun. 1966	1966
19670070501	On the effect of the radiation entropy layer	1966
19670070502	The PS108 reserve dry cell	1966
19670070503	The performance of some axi-symmetric isentropic centrebody intakes designed for Mach numbers of 2.48 and 3.27	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070505	Protective coatings for filament-wound deep submergence vessels Final report, 5 Mar. 1965 - 5 Apr. 1966	1966
19670070506	A study of an inhomogeneously sheathed spherical-dipole antenna in a compressible plasma	1966
19670070507	Stability of trapped electron belts	1966
19670070509	GM DRL'S 2-1/4 inch gun project Second interim report	1966
19670070510	Hypervelocity range research program Semiannual report, 1 Jan. - 30 Jun. 1966	1966
19670070511	Calibration and status of the AEDC-VKF 100-INCH hotshot tunnel /F/	1966
19670070514	Mathematical models of information systems Interim report no. 1	1966
19670070515	Aerodynamic characteristics at M equals 4.3 of monoplane, triform and cruciform slender delta wing bodies with all-moving tail control surfaces	1966
19670070517	Guided weapons aerodynamic study - Force tests on four slender delta wing-bodies at Mach numbers from 0.6 to 2.8 and a method of predicting the longitudinal characteristics	1966
19670070518	Guided weapons aerodynamic study - Force and moment measurements on some monoplane and cruciform slender wing-body combinations at M-4.0	1966
19670070520	Equilibrium compositions of ionized air including the negative ions NO ₂ minus, NO minus, O minus, O ₂ minus, C ₂ minus and CN minus over a range of temperatures and pressures	1966
19670070521	Computer program for the analysis of axisymmetric shell structures under axisymmetric loading by the finite ring method	1966
19670070522	Simulated laboratory to resolution paint pattern experiment	1966
19670070523	Diode, millimeter wave type mixer /3.2 mm/ Tenth quarterly report, 1 Jan. - 31 Mar. 1966	1966
19670070524	Theory of property filtering in pattern recognition Final report, Jul. 1965 - Aug. 1966	1966
19670070525	Water electrolyzer module development Final technical report, 25 Mar. 1965 - 30 Jun. 1966	1966
19670070526	Oxyfluorides and basic fluorides of aluminum	1966
19670070527	Exploratory development program to prove the feasibility of solid state switching for a complex electrical control network Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670070528	Further results of viscous interaction theory for the laminar supersonic near wake	1966
19670070529	Evaluation of acoustic liners for rocket chambers Quarterly progress report, 1 Aug. - 1 Nov. 1966	1966
19670070530	Experiments on a fail safe structural model	1966
19670070531	A fault tree model of the man/machine interface in a manned space system Final report	1966
19670070532	Maximum temperatures in the prairies from 1000-500-millibar thickness	1966
19670070533	Evaluation of the Naval submarine hull plate alpha-beta candidate alloys for weld efficiency in 1 inch plate Final report	1966
19670070534	Face pumped laser Third semiannual technical summary report, 1 Dec. 1965 - 31 May 1966	1966
19670070535	The active damping of free-rotor gyroscopes during initial spin-up	1966
19670070536	The study of the role of the gravitational field in quantum field theories and of some properties of a Dirac particle in a gravitational field	1966
19670070537	Review of fractographic analysis methods for fatigue fracture surfaces	1966
19670070538	Comprehensive technical progress report	1966
19670070539	Final report, 1 April 1965 - 30 March 1966	1966
19670070540	A simple approximation to true grazing angle for use in bottom reflectivity studies	1966
19670070541	Cortical control of eye movements and visual thresholds Quarterly technical status report, 1 Dec. 1965 - 1 Mar. 1966	1966
19670070542	Dual cavity gas maser Technical report, Jun. 1964 - Jun. 1966	1966
19670070543	Specification and maintenance of interpreter performance Final report	1966
19670070544	High energy rate densification and forming of metal powders Final report, 1 Jun. 1963 - 1 Jun. 1966	1966
19670070545	Failure mechanisms in semiconductor diodes Semiannual report, 4 Jan. - 3 Jul. 1966	1966
19670070546	High power S-band electron beam phase shifter technique Final report, 15 Mar. 1965 - 15 Jul. 1966	1966
19670070547	Flight test report for moving target detection system /MOTARDES/ Final report	1966
19670070548	Evaluation of extruded products Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670070549	Further investigations of curved mixing flows Final report, 15 Sep. 1963 - 14 Sep. 1966	1966
19670070550	Particle size effects in nuclear magnetic resonance on superconductors	1966
19670070552	Investigation to produce metal matrix composites with high modulus, low density continuous filament reinforcements Annual technical summary report, 1 Jul. 1965 - 30 Jul. 1966	1966
19670070553	Super-directive aperture antennas	1966
19670070554	Research on extruding, drawing and heat treating of titanium Interim engineering report, 1 May - 30 Jul. 1966	1966
19670070555	Nike-Hydac MK 12 STV /SR-039/ /27 September 1966/	1966
19670070557	Point measurements of average turbulent wake density by Rayleigh scattering	1966
19670070558	Laser radar T-R isolator investigations Interim report	1966
19670070559	Studies of the effect of laser radiation on chemical activation and vapor fog nucleation Quarterly progress report no. 6, Oct. 1965 - Jan. 1966	1966
19670070560	Results of tests on primer zinc chromate, low moisture sensitivity submitted by Kohler- McLister for testing under specification MIL-P-8585A qualification program	1966
19670070561	Plasma arc welding process development program Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670070562	Combined magnetic and electric suspension	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070563	Study of helicopter gear lubrication Quarterly progress report, Jun. - Aug. 1966	1966
19670070564	Observations of a resonance probe effect near the ion plasma frequency, 1 June - 16 September 1966	1966
19670070565	Collection, reduction and analysis of parts reliability data for reliability central. Volume II - Reliability central data entry and conversion system Final report, 18 Mar. 1965 - 17 Mar. 1966	1966
19670070566	Investigation of the thermodynamic properties of rocket exhaust products Final report, 1 Aug. 1965 - 31 Jul. 1966	1966
19670070567	Research on Gunn effect devices, part 1 Interim technical report, 1 Aug. - 31 Oct. 1966	1966
19670070568	Photochromic materials for data storage and display Annual report, 15 May 1965 - 15 May 1966	1966
19670070569	Infrared spectra of small ionic crystals	1966
19670070570	Synthesis by vapor deposition of new filament materials Summary technical report, 26 Mar. 1965 - 31 Mar. 1966	1966
19670070571	Production tool for diffusion bonding Interim engineering progress report, 1 Aug. - 31 Oct. 1966	1966
19670070572	Page printer utilizing advanced printing techniques Final report, 1 Jul. 1964 - 15 Jul. 1966	1966
19670070573	Investigation of high-power beam plasma interactions Quarterly report, 15 Mar. - 14 Jun. 1966	1966
19670070574	Effects of symmetrical and unsymmetrical mass addition on the static-stability characteristics of a 7.25-deg cone at Mach 8 Technical report, 30 Mar. - 10 Jun. 1966	1966
19670070575	Detection and imaging technology Interim engineering report, 16 Apr. - 15 Jul. 1966	1966
19670070576	Comparison of shell and elasticity theory solutions for thick, orthotropic, circular cylindrical shells	1966
19670070577	The development of an HY-130/T/ steel weldment Final report	1966
19670070578	Radar scattering analysis	1966
19670070580	The flow of ideal gas with constant ratio of specific heats, gamma, at a corner - Tables presenting the Prandtl-Meyer angle	1966
19670070581	Electronic image converter in pulsed operation Final technical report, 1 Sep. 1965 - 31 Aug. 1966	1966
19670070582	Thermionic converter life and repeatability investigation Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670070583	Investigations in computer-aided design for numerically controlled production Interim engineering progress report, 1 Jun. 1965 - 31 May 1966	1966
19670070584	Mechanical-property data AFC-77 steel	1966
19670070585	Improved insulators for rocket motors Quarterly progress report, Jun. 1 - Aug. 31, 1966	1966
19670070586	Fracture toughness, fatigue and corrosion characteristics of 2020-T651, 2024-T851, 2219-T851 and 7001-T75 aluminum alloys Technical report, Jun. 1964 - Jul. 1966	1966
19670070587	Mechanical-property data HP 9Ni-4Co- 25C steel	1966
19670070588	A study of cloud formation under equilibrium conditions	1966
19670070589	An investigation on an electronically controllable microwave window Quarterly report, 27 Apr. - 27 Jul. 1966	1966
19670070590	Dielectric tape television camera Technical report, Apr. 1965 - Mar. 1966	1966
19670070591	Study of linear sequence generators	1966
19670070592	Communication without conventional /electro- mechanical/ acoustic transducers	1966
19670070593	A study of the decomposition mechanism of ammonium perchlorate Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670070594	Shock response of beams with non-linear material properties Interim report, Mar. - Oct. 1966	1966
19670070595	Image modification study Final report	1966
19670070596	Improved insulators for rocket motors Summary report, Sep. 1, 1965 - Aug. 31, 1966	1966
19670070597	A study of the decomposition mechanism of ammonium perchlorate Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670070598	Memory system for microcircuits Interim engineering progress report, 1 Aug. - 31 Oct. 1966	1966
19670070599	Aerobee NASA 4.149 CG /11 October 1966/ Meteorological data report	1966
19670070600	Evaluation of airborne film processor, EH-51	1966
19670070601	High energy crystalline laser materials Semiannual technical summary report, 16 Apr. 1965 - 16 Oct. 1966	1966
19670070602	Photoplastic recording films reusability study Final report, Dec. 1964 - Mar. 1966	1966
19670070603	Broadband X-band klystron Quarterly report, 1 May - 31 Jul. 1966	1966
19670070604	Internal friction damping of metals and composite materials	1966
19670070605	An automated method for period measurement of a torsional pendulum	1966
19670070606	Microwave generation by means of interaction with anisotropic media Quarterly progress report, 15 Mar. - 15 Jun. 1966	1966
19670070607	Reliability physics studies on transistors Interim report, Dec. 1965 - Jun. 1966	1966
19670070608	Qualification test report for model specification S-133-111-1-117 and qualification supplement I thereof, antenna AS-1794/GSW-10, figure A 1469M Final evaluation test report	1966
19670070609	Effect of gettering materials on hot trap performance in a liquid sodium system Technical report, Feb. 1965 - Feb. 1966	1966
19670070610	Study and investigation of possible application of spin resonance techniques to communications receivers Final report, Jun. 1965 - Jun. 1966	1966
19670070611	The influence of orientation and support- restraint upon survival from impact acceleration Interim report	1966
19670070612	Optoelectronic functional electronic blocks Final technical report, 1 May 1963 - Aug. 1966	1966
19670070613	Stress corrosion susceptibility of welded aluminum alloys Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670070614	Characteristics of instruments and seismic noise in two shallow holes at Hysham, Montana	1966
19670070615	Semiconductor laser array techniques /SEMLAT/ Quarterly technical report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070616	Digital control system design - A simulation approach	1966
19670070617	Radioisotope thermionic generator research Quarterly technical report, 1 May - 1 Aug. 1966	1966
19670070618	Imaging p-n junction photocathode Interim technical report, Jul. 1966 - Oct. 1966	1966
19670070619	Sorption properties of activated carbon Bimonthly progress report, Jun. - Aug. 1966	1966
19670070620	Noise measurements as a tool in electron device research First triannual technical report, 1 Feb. - 30 May 1966	1966
19670070621	The analysis of optical acquisition and tracking by decision theory	1966
19670070622	Demonstration of flight load carrying capabilities of the ISEP mark 2/A1 second separation joint Test engineering technical report	1966
19670070623	F-4 wing tank pylon connector evaluation Final report	1966
19670070624	In-flight decision system Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670070625	Organic electronic materials for molecular electronics Interim technical report, 1 Aug. - 31 Oct. 1966	1966
19670070626	High performance fuel cell Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670070627	High energy glass laser materials Final technical report, Jun. 7, 1965 - Jul. 7, 1966	1966
19670070628	Bonding of heat shield materials Technical report, 30 Jun. 1965 - 30 Apr. 1966	1966
19670070630	Handbook of parametric curves and tables for complete and truncated tangent ogive shapes	1966
19670070631	Study of microwave generation by means of interaction with anisotropic media Quarterly report, 1 Jun. - 31 Aug. 1966	1966
19670070632	Initial profiles for wake calculations	1966
19670070633	Power pattern degradation for weighted circular apertures in a turbulent atmosphere Technical report, Dec. 1965 - May 1966	1966
19670070634	Development of manufacturing methods for production of dual axis rate transducers Final technical report, 28 Jun. 1965 - 31 Jul. 1966	1966
19670070635	Study of image-evaluation techniques Final report, 30 Jun. 1962 - 30 Jun. 1966	1966
19670070636	Tracking radar calibration using celestial radio sources. Volume I - Radiometric boresighting system Final report	1966
19670070637	Tracking radar calibration using celestial radio sources. Volume II - Appendices to volume I Final report	1966
19670070638	Pneumatic and environmental control SLV-3 FOLLOW-ON test parameters 69-00719, book 1	1966
19670070639	Electronic properties of the Penning discharge plasma Interim technical report	1966
19670070640	Development of design and manufacturing technology for integrally formed structures Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670070641	A study of the crystal structure of Ti-Al alloys and hydrogen induced expansions Final report, 1 Jan. 1964 - 30 Sep. 1965	1966
19670070643	Special purpose analysis techniques, volume 2 Final report, 6 Jan. 1964 - 15 Jul. 1966	1966
19670070644	Orbital fuel cell Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670070645	Insulating value and shear strength of glass fabric and 91LD resin laminate externally mounted with thiokol PR-1421 adhesive on the X-17 vehicle	1966
19670070646	Phenomena occurring at explosive metal interfaces, an experimental and theoretical study of running detonations on metal plates, volume 1 Final report, Dec. 1964 - Apr. 1966	1966
19670070647	Research on binary and ternary detector materials Final technical report, 15 Jul. 1965 - 15 Oct. 1966	1966
19670070648	History of Gemini/Titan launch vehicle-12 at ETR	1966
19670070649	X-22A aircraft no. 1 /BuNo. 151520/ Flight test summary report	1966
19670070650	Manufacturing methods for plastic airframe structures by filament winding Quarterly report, Aug. - Oct. 1966	1966
19670070651	Shock tube study of the ionization of cesium	1966
19670070652	Resolving power, correlation, and uncertainty	1966
19670070653	Results of the qualification test of eight JPL-SR-28-3 rocket motors at simulated altitude	1966
19670070654	C-5A flight control report /aerospace vehicle/ flight control subsystem, volume I	1966
19670070655	C-5 flight control report /aerospace vehicle/ stability and control	1966
19670070657	Electron-ionization cross sections Semiannual progress report, 16 Dec. 1965 - 15 Jun. 1966	1966
19670070658	Maintenance-free silver-cadmium batteries for aircraft emergency applications Fifth quarterly technical progress report, Jun. 1 - Aug. 31, 1966	1966
19670070659	Manufacturing in-process control and measuring techniques for integral electronics /Geometry and surface contamination control/ Interim engineering progress report, 31 Apr. - 31 Jul. 1966	1966
19670070660	The mechanism of decomposition of ammonium perchlorate - A review	1966
19670070661	Development of joining techniques for TD NICKEL-CHROMIUM Interim progress report, Jul. 1 - Oct. 1, 1966	1966
19670070663	Mechanical properties of aerospace structural alloys under biaxial-stress conditions Technical report, Jan. 1965 - Jan. 1966	1966
19670070664	A study of porous gas-diffusion electrodes for fuel cells, September 1963 - July 1965	1966
19670070665	Simulated balloon flight test of an ultraviolet spectrometer system	1966
19670070668	Liquid-vapor equilibria of the hydrogen- carbon dioxide system Quarterly progress report, Jul. 15 - Oct. 15, 1966	1966
19670070669	Investigation of gas detonation forming on aerospace materials First interim engineering progress report, 1 Jun. - 31 Oct. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070670	Effect of corrosion control techniques on fatigue life of typical aircraft joints Technical report, Feb. 1965 - Mar. 1966	1966
19670070671	Cumberland Plateau Seismological Observatory Quarterly report, 1 May - 31 Jul. 1966	1966
19670070673	Experiments on the similarity of leading-edge vortices above slender wings in subsonic conical flow	1966
19670070674	The cooling problem in aircraft electronic equipment, with particular reference to the advantages of liquid cooling	1966
19670070675	Determination of the total refraction of 3.6 cm wavelength radiation passing through the atmosphere	1966
19670070676	Vaporizing and endothermic fuels for advanced engine application Quarterly progress report no. 1, Jun. - Aug. 1966	1966
19670070678	Research to determine the effects of surface catalyticity on materials behavior in dissociated gas streams Appendix to quarterly progress report	1966
19670070679	Research directed toward detecting regional differences in the earth's mantle Annual report	1966
19670070682	The application of engineering techniques to body measurement and pattern drafting for aircrew functional clothing	1966
19670070683	Dose rate from 14.7-MeV neutrons and 1.25- MeV gamma rays transmitted through special optical materials Final report, 29 Mar. - 30 Sep. 1966	1966
19670070684	Development of a gas gun to investigate obscuration effects Interim report, Jul. 1965 - Sep. 1966	1966
19670070685	Coordinated high-latitude experiments for the simulation of nuclear-burst effects on VLF SYSTEMS Annual technical report no. 2, 30 Sep. 1965 - 30 Sep. 1966	1966
19670070686	Characteristics of varactor diodes at cryogenic temperatures, part II Research report, Feb. 1965 - Feb. 1966	1966
19670070687	Goonhilly Satellite System Earth Station - Receiving equipment-SHF, down-conversion and IF pre-amplifier stages Research report, Oct. 1961 - Jul. 1962	1966
19670070689	High temperature mass spectrometric study of the neodymium-carbon system Technical report, 15 Jul. 1965 - 30 Apr. 1966	1966
19670070690	Selective photocopier Final report, Jan. 1965 - Feb. 1966	1966
19670070691	Faulting in cold-worked Fe-Si alloy filings	1966
19670070692	Reliability and quality assurance program Quarterly report, Jul. - Sep. 1966	1966
19670070693	The irradiation behavior of graphite	1966
19670070694	Instruments for reprocessing plant analyses at Dounreay	1966
19670070695	Experiments on preconcentration of impurities in helium gas by thermal diffusion and the measuring of thermal diffusion factors	1966
19670070696	F-5A category II supplementary stability and control test, volume IV, appendix III	1966
19670070697	Detectability and weather-clutter- suppressing properties of a radar extractor in combination with a special receiver	1966
19670070698	YAG crystals Final report, 1 Jun. 1965 - 31 May 1966	1966
19670070699	Fabrication and study of photoconductor- tunneling electron emitter Interim technical report, 8 Jun. - 7 Oct. 1966	1966
19670070700	The effect of strain rate on the compressive properties of hot pressed beryllium block at 1800 deg F Test engineering technical report	1966
19670070701	Improved optical readout techniques Final report 2 Feb. 1965 - 2 Feb. 1966	1966
19670070703	Titanium and titanium alloys Review of recent developments	1966
19670070704	Study of adjusted blend 6986, an experimental fire-resistant hydraulic fluid	1966
19670070706	Advanced foil activation method of neutron dosimetry Quarterly letter progress report no. 2, 1 Aug. - 1 Oct. 1966	1966
19670070707	Analysis and experimental evaluation of an ultra-high temperature pyrolytic graphite thermocouple Final report, May - Nov. 1965	1966
19670070708	Effects of high pressure on deformation characteristics Interim progress report, 7 Jun. - 6 Sep. 1966	1966
19670070709	Ultrasonic studies of the nonlinear properties and of the deformation of solids, part II Final report, 1 Jan. - 31 Dec. 1965	1966
19670070710	On the use of restricted variational principle methods for boundary value problems of kinetic theory. Report, 1 Jul. - 1 Aug. 1966	1966
19670070711	C-5A flight control report /aerospace vehicle/. Flight control subsystem, volume II Progress report	1966
19670070712	Aerodynamic force analysis, volume II	1966
19670070713	Research on Gunn effect devices, part I Interim technical report, 1 May - 31 Jul. 1966	1966
19670070714	Stress corrosion and fatigue tests on 7001-T75 aluminum alloy Technical report, Oct. 1963 - May 1966	1966
19670070715	Base drag investigation of six boattail configurations with simulated rocket exhaust at Mach numbers 2.5, 3.0, and 3.5	1966
19670070716	A review of technological applications and unique experimental techniques of research reactors	1966
19670070717	Cationic perturbations of spin densities in anion free radicals	1966
19670070718	Manufacturing methods for epitaxially growing gallium arsenide-gallium phosphide single crystal alloys Interim engineering progress report, 1 Jun. - 31 Aug. 1966	1966
19670070719	Field study of off-runway landings in the Arctic	1966
19670070720	Optimal sampling distributions for Bayes estimation of re-entry parameters Interim technical report	1966
19670070721	Development of an adiabatic calorimeter	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070722	Process feasibility experiments in chemical metallurgy	1966
19670070723	The direction and speed of the surface wind at Winnipeg	1966
19670070724	Optical spectra of some low-molecular- weight compounds using the matrix-isolation technique Final report, 14 May 1963 - 12 Aug. 1966	1966
19670070725	Review of selected hydrodynamic braking techniques for monorail sleds on the Holloman test track	1966
19670070728	Compatible semiconductor thin film techniques Interim report, 16 Aug. - 15 Oct. 1966	1966
19670070729	Solid-state synthesis of microwave functions Interim engineering report, 24 Jan. - 30 Apr. 1966	1966
19670070730	Calculation of radar cross-section Interim report, 30 Jun. - 30 Sep. 1966	1966
19670070731	Development of procedures for large scale automated minimum weight structural design Technical report, Jul. 1965 - Sep. 1966	1966
19670070732	Development of manufacturing processes and techniques for mass memory Final report, 1 May 1965 - 30 Apr. 1966	1966
19670070733	Antenna broadbanding experiments Final report, May 1963 - Nov. 1964	1966
19670070734	An assessment of research relevant to pilot training Final report, 1 Feb. - 30 Jun. 1966	1966
19670070735	Research on ablative plastic characterization in simulated motor exhaust, part II SUMMARY report, 1 Jul. 1965 - 1 Sep. 1966	1966
19670070736	Aerobee NASA 4.181 VA /30 November 1966/ Meteorological data report	1966
19670070737	Asymptotic theory of diffraction by smooth convex surfaces of variable curvature	1966
19670070738	Optimal adaptive search	1966
19670070739	Meteorological rocket program. Volume III - Meteorological research, development, test, and evaluation rocket	1966
19670070740	Gas tungsten-arc /TIG/ welding Interim engineering progress report, 1 Sep. - 30 Nov. 1966	1966
19670070742	Measurement techniques for complex permeability and permittivity of highly conductive materials at microwave frequencies Summary technical report, 1 Jul. 1965 - 1 Aug. 1966	1966
19670070743	Radiation effects on solid propellants - An annotated bibliography	1966
19670070744	Rapid site preparation techniques for VTOL AIRCRAFT. Part I - General development of materials and first order equipment Summary technical report, 16 Jun. 1965 - 30 Apr. 1966	1966
19670070745	Development of an improved manufacturing process for the hot extrusion of alloy steel structural shapes Interim engineering progress report, 1 Sep. - 30 Nov. 1966	1966
19670070746	UHF telemetry receiver preamplifier and converter Final report	1966
19670070747	The Tenth International Conference on Low Temperature Physics /LT 10/	1966
19670070748	Voice sound recognition Final report, Apr. 1965 - Apr. 1966	1966
19670070749	Flight test results of Black Brant IIB ROCKET vehicles /CC-II-48 and 56/ fired at Churchill Research Range, January 1965	1966
19670070750	Hypersonic wake semiannual report, 1 January - 30 June 1966	1966
19670070751	Electromagnetic hazards inside aircraft-I /penetration through canopies and radomes and associated protective techniques/ Final report, 1 Feb. 1965 - 1 Feb. 1966	1966
19670070752	Evaluation of self-recording current meter arrays October 1962 - March 1965	1966
19670070754	The study of hydrocarbon fuel vapor phase deposits Quarterly progress report, 16 Aug. - 16 Nov. 1966	1966
19670070755	Tables of interplanar spacing computed for iron K alpha, K alpha 1, K alpha 2, and K beta	1966
19670070756	A wire-grid model for scattering by conducting bodies	1966
19670070757	Development of a numerical controlled dome forming process Interim engineering progress report, 1 Jun. - 15 Nov. 1966	1966
19670070758	Crazing and yielding of reinforced composites Quarterly progress report, 1 Sep. - 1 Dec. 1966	1966
19670070759	Study and investigation of the dependence of semiconductor surface stability on oxide growth Quarterly report, 4 Apr. - 30 Jun. 1966	1966
19670070760	Applicability of inertialess scanning techniques to the design of surveillance radar antennas Quarterly progress report, 1 May - 31 Jul. 1966	1966
19670070761	1 kw Ku-band pulsed coaxial magnetron Quarterly report, 15 Jun. - 15 Sep. 1966	1966
19670070762	Manufacturing technology for fibrous materials Interim engineering progress report no. 2, 1 Aug. - 31 Oct. 1966	1966
19670070763	Summary of impact testing for NASA project SUPER	1966
19670070764	Methods of calculating aerodynamic loads on aircraft structures - Part II - Nonlinear effects Final report, Oct. 1964 - Apr. 1966	1966
19670070765	A physical optics solution to backscatter from an obliquely viewed rectangular plate and rectangular parallelepiped	1966
19670070766	Performance of the Aerojet-General Corporation Alcor 1A solid propellant rocket motor under the combined effects of rotational spin and simulated altitude	1966
19670070767	Field testing of propellants Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670070768	Manufacturing methods for epitaxially growing gallium arsenide-gallium phosphide single crystal alloys Interim engineering progress report, Sep. 1 - Nov. 30, 1966	1966
19670070769	A point-matching solution for scattering by conducting bodies of revolution	1966
19670070770	Application of Lie series to the solution of total and partial differential equations for initial value problems and for boundary value problems Final technical report, 1 Jul. 1965 - 30 Sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070771	A digital-computer program for physical-optics scattering by a conducting body of revolution with on-axis incidence	1966
19670070772	An extension of physical optics to backscattering by an opaque material scatterer	1966
19670070773	Vortex line convection in curved conduits as a basis for computations of losses at the walls	1966
19670070774	Nike-Hydac MK 12 STV /SR-042/ /15 November 1966/ Meteorological data report	1966
19670070775	Nike-Hydac STV /SR-043/ /22 November 1966/ Meteorological data report	1966
19670070777	Nonlinear interaction theory for crossed-field distributed-emission amplifiers	1966
19670070778	Large format UV image tube development, volume V Quarterly report, period ending 31 Oct. 1966	1966
19670070779	Photochromic materials for flash blindness prevention Technical report, Jan. 1965 - Mar. 1966	1966
19670070780	Three hundred-watt portable thermoelectric generator Final report	1966
19670070782	Development of an alignment and measuring system for large aerospace vehicles Interim engineering progress report, 1 Oct. 1964 - 31 May 1966	1966
19670070783	Application of semiconductor devices to high power duplexers Final report, 8 Apr. 1964 - 8 Apr. 1966	1966
19670070784	Multifont character-recognition experiments using trainable classifiers Final report	1966
19670070785	Development of a subscale manufacturing process for the fabrication of hypereutectic transition-metal carbide composites Interim engineering progress report no. 1, 1 Jul. - 30 Sep. 1966	1966
19670070786	Measurement and in process control of small bores Interim engineering progress report, 1 Feb. - 15 Oct. 1966	1966
19670070787	A pseudo-blade propulsion system for marine application	1966
19670070788	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report no. 7, 1 Sep. - 30 Nov. 1966	1966
19670070789	System study for low power spaceborne computers Final report, 21 Jan. - 10 Sep. 1966	1966
19670070790	Structures for 300-watt, 400-M Hz, VHF power transmission Interim technical report, 1 Jul. - 30 Sep. 1966	1966
19670070791	The development of an insulated thermionic converter-heat pipe assembly Quarterly technical report, 16 Sep. - 15 Dec. 1966	1966
19670070792	Titanium panel extrusion development program Interim engineering progress report no. 2, 15 Aug. - 15 Nov. 1966	1966
19670070794	Evaluation of distribution parameters	1966
19670070795	Subtractive light flat panel display Interim technical report, 16 May - 31 Aug. 1966	1966
19670070796	Near term launch vehicle concepts /reusable rocket/. Volume I - Summary Final report, May - Oct. 1966	1966
19670070797	Structural considerations in man-rating the Titan missile for the Gemini program Technical report, Jul. 1962 - Sep. 1966	1966
19670070798	Night vision system utilizing infrared quantum counters Interim technical report, 1 Apr. - 30 Sep. 1966	1966
19670070799	Development of a memory buffer for use in a computer controlled memory exerciser	1966
19670070800	Precipitation patterns over Vancouver City and the lower Fraser Valley	1966
19670070801	Continuously variable laser-acoustic delay lines Quarterly progress report, 27 Jul. - 26 Oct. 1966	1966
19670070802	In-flight decision system Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670070803	Nucleophilic displacement on phosphonic acid esters Quarterly report	1966
19670070804	BW detection study Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670070805	Correlation analysis of the 1000 - 500 mb thickness tendency	1966
19670070806	Research and development of new and improved cutting tool materials Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670070807	The growth of single crystals of doped and undoped yttria and yttrium aluminate in a hollow cathode zone refiner Quarterly progress report	1966
19670070808	Solid rocket structural integrity abstracts, volume III, no. 4	1966
19670070809	Telemetry system and instrumentation SLV-3 FOLLOW-ON test parameters 69-00708, book 1-1	1966
19670070810	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, Jul. 1 - Sep. 30, 1966	1966
19670070811	Research and development work on development of thin organic rolled film capacitor Quarterly progress report	1966
19670070812	CURTS phase II automatic frequency selection system-status and progress Status report no. 1	1966
19670070813	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors Quarterly report, Jun. 30 - Sep. 29, 1966	1966
19670070814	Belfast C. Mk. 1 /four Rolls Royce Tyne Mk. 101 engines/	1966
19670070815	Synthesis and characterization of intermetallic polymers Final report, 1 Nov. 1965 - 31 Oct. 1966	1966
19670070816	An integral method solution for massive blowing from slender bodies in laminar viscous hypersonic flow, November 1965 - August 1966	1966
19670070817	TACAN antenna techniques Interim report, 7 Dec. 1965 - 7 Jun. 1966	1966
19670070818	Boundary-layer suction experiments on a 6-deg half-angle cone at Mach numbers 5 through 8	1966
19670070819	Development of a subscale manufacturing process for the fabrication of hypereutectic transition-metal carbide composites Interim engineering progress report no. 2, 1 Oct. - 31 Dec. 1966	1966
19670070820	Radiative effects of rocket stability with ozone-containing oxidizer Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670070821	Approximate analysis of linear time-varying system. A quantitative approach	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070822	Development of closed die aluminum forging process for improved stress corrosion properties Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670070823	Perturbation solution to the problem of the scattering of electromagnetic waves by irregularly shaped conductors. I - Case of cylindrical symmetry	1966
19670070824	Refractory metal coatings by chemical vapor deposition Final technical documentary report, 15 May 1965 - 15 Sep. 1966	1966
19670070825	Ball lightning	1966
19670070826	First article environmental testing of portable alpha scintillation counter equipment set	1966
19670070827	Free vibration of continuous skin-stringer panels with non-uniform stringer spacing and panel thickness Summary report, Oct. 1, 1965 - Mar. 31, 1966	1966
19670070828	The noise measuring system type 5660 - Record and reproduce - For the measurement of rocket flame induced radio attenuation and modulation effects	1966
19670070829	Light emission from shock heated gases Final technical report, Sep. 1965 - Aug. 1966	1966
19670070830	Production engineering measure polycarbonate plastic film Quarterly report, 18 May - 18 August 1966	1966
19670070832	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors Quarterly report, Jun. 29 - Sep. 29, 1966	1966
19670070833	Study plan for the full scale wind tunnel tests of the X-19 aircraft Final report	1966
19670070834	Storage temperature of explosive hazard magazines. Part 1 - American desert	1966
19670070835	Expandable wing tank structures utilizing the second-order transition temperature of polymeric materials Final report, Jan. - Dec. 1965	1966
19670070836	Evaluation of helicopter-mounted motion picture, high magnification and television camera systems Final report, 26 Jul. - 20 Aug. 1966	1966
19670070837	The development of a superior titanium-base alloy for cryogenic applications Final report, Jun. 1965 - Aug. 1966	1966
19670070838	Investigation of performance losses and ballistics effects in solid propellant rockets Quarterly technical progress report, 1 Sep. - 30 Nov. 1966	1966
19670070839	The feasibility of microwave power transmission using circular waveguide	1966
19670070840	VLF propagation in northern Scandinavia Annual scientific report, 1 Aug. 1965 - 31 Jul. 1966	1966
19670070841	Perturbation of the earth's magnetic field in the vicinity of a ferromagnetic prolate spheroid	1966
19670070842	Integrated circuits for manpack communications equipment Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670070852	Research in high-energy oxidizers /U/ Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670070861	Storable toroidal combustor demonstration program, volume 1 /U/ Final report, 1 Jun. 1965 - 30 Jun. 1966	1966
19670070862	Evaluation of columbium carbide nozzles for solid propellant rocket motors /U/ Final technical report	1966
19670070863	Evaluation test reports. Design - Network resolution area, volume 3 Final report	1966
19670070864	A primer for multivariate inference Final report	1966
19670070865	A new technique for obtaining digital data from specific force sensors /novel accelerometer system/	1966
19670070866	A collection of linear numerical filters for missile trajectory data with general principles and design considerations Final report, 1964 - 1966	1966
19670070867	Ductile-brittle transition in refractory metals Technical report, 1 Sep. 1965 - 31 Aug. 1966	1966
19670070868	X-700 hydrokinetic power train Interim report	1966
19670070869	Space rescue and escape, a citation bibliography	1966
19670070870	Pulse power fuel cell Quarterly progress report, 15 Aug. - 15 Nov. 1966	1966
19670070871	A radio-controlled 'rotorod' aerosol sampler	1966
19670070872	Transistor logic network using Haven's delay circuit	1966
19670070873	Feasibility investigation of Austin cells for fast activation high spin power supplies Final report	1966
19670070874	An investigation of the compressible laminar wake behind a long slender cylinder	1966
19670070875	Design and development of a 94 GHz ICEM COAXIAL magnetron Interim report, 15 Jul. - 15 Oct. 1966	1966
19670070876	Zinc sulfide	1966
19670070877	Electrical efficiency of a thyratron controlled underwater spark	1966
19670070878	From radiospectroscopy to quantum electronics /General Polish Conference in Poznan, 13-15 IV 1964/	1966
19670070879	Hydraulic plumbing for advanced aerospace vehicles Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670070880	Parametric amplifiers Final report	1966
19670070882	Feasibility demonstration of high- brightness laser display Final scientific report, 20 Jan. - 19 Jun. 1966	1966
19670070883	Some reactions of oxygen atoms. Volume II - Ethylene oxide, dimethyl ether, N-C4H10, AND isoctane, 1 July 1965 - 1 March 1966	1966
19670070884	Techniques for integrating solid-state circuitry into antennas Interim technical report, 1 Jun. - 31 Aug. 1966	1966
19670070886	The argon bomb as a diagnostic tool for studying D-region ionization and VLF BACKSCATTER	1966
19670070887	Exploratory development of graphite materials. Summary technical report, 1 Mar. 1964 - 1 Jun. 1965	1966
19670070888	Metabolism and pharmacology of fluorine- containing compounds Final report, 3 Feb. 1965 - 1 Jun. 1966	1966
19670070889	Mach 8 aerodynamic and aerothermodynamic characteristics of the Nimbus B spacecraft ans SNAP-19 nuclear generator Technical report, 15 Jun. - 16 Jul. 1966	1966
19670070890	Measurement of the spectral reflectance of reactor-irradiated thermal-control coatings Technical report, 1 Oct. 1964 - 1 Feb. 1966	1966
19670070891	Electronic image integration viewer, volume I Final report, May 1964 - Mar. 1966	1966
19670070892	Digital computer simulation of the interior ballistic process in guns	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070893	Radio set controls and remote frequency indicators for radio sets AN/ARC-27A and AN/ARC-51A, preliminary phase II Reliability design report	1966
19670070894	Solid Propellant Rocket Static Test Working Group 4th meeting minutes	1966
19670070895	A study of the geometry of elasto-hydrodynamic films in point contact Progress report, Aug. 20 - Nov. 18, 1966	1966
19670070896	Research and development of a ruggedized planar ceramic triode Quarterly progress report, Jun. 1 - Aug. 31, 1966	1966
19670070897	On the realization of multivariable transfer functions	1966
19670070898	Exploratory propellant chemistry Semiannual report, 1 Jan. - 29 Jun. 1966	1966
19670070899	Applied combustion and thermodynamics Semiannual report, 1 Jan. - 30 Jun. 1966	1966
19670070900	Transtage injector frosting investigation under vacuum conditions Final report, 1-28 Feb. 1966	1966
19670070901	Field test of the Motorola navigation system, volume I	1966
19670070903	Mathematical methods for decision making Annual progress report	1966
19670070904	VTOL transport program, XC-142A Monthly progress report, Sep. 1966	1966
19670070905	Simulation study of proposed yaw damper systems for the B-58 aircraft Technical report, Mar. - Dec. 1965	1966
19670070906	On the characteristics of limit lines in the supersonic range of a flowing gas with a Poisson adiabatic curve	1966
19670070907	Improved technique for monopulse signal analysis with simultaneous video processor Final report	1966
19670070908	Investigation of laminated structures for radio frequency applications Interim technical report, 1 Sep. - 30 Nov. 1966	1966
19670070909	Power-handling capability of radiating systems in the exoatmosphere	1966
19670070910	Structural demonstration of the CH-53A HELICOPTER for the Naval Air Systems Command, 31 March - 11 August 1966	1966
19670070911	Notes on electromagnetic scattering from rotationally symmetric bodies with an impedance boundary condition	1966
19670070912	Test and evaluation of APCEF configurations A and B, volume 1 Final report, 1 Jul. 1965 - 31 Dec. 1966	1966
19670070913	Photoresist technology improvement. Part II - New photoresist systems Interim report, 1 Aug. 31 - Oct. 1966	1966
19670070914	Development of design and manufacturing technology for integrally formed structures Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670070915	The perception of high order variables by the pigeon Technical report, Jan. 1965 - Jan. 1966	1966
19670070916	The calculation of passing stresses for dislocations near free surfaces	1966
19670070917	Propagation medium RF noise Interim technical report	1966
19670070918	Design and error analysis of VLF SUPERDIRECTIVE antenna arrays	1966
19670070919	An analytical method for predicting the temperature-time history of a hollow cylinder enveloped in flames	1966
19670070920	Long wavelength intrinsic materials research Final technical report, 15 Aug. 1965 - 15 Oct. 1966	1966
19670070921	Precision accelerometer of adjustable sensitivity	1966
19670070922	Instrumentation for electric field measurement. Phase I - Research and analysis Technical report, Jul. 1965 - Feb. 1966	1966
19670070923	Experimental investigation of pulse tube refrigeration Final report, Jul. 1965 - Jun. 1966	1966
19670070924	Test and evaluation of a 35mm 1-2.5 W- Nikkor lens /no. 201677/	1966
19670070927	Research and Exploratory Development for the Office of Aeronautical Research, National Aeronautics and Space Administration /U/ Quarterly Progress Report, Oct. 1 - Dec. 31, 1966	1966
19670070928	Supersonic combustion /analysis/ /U/	1966
19670070929	Supersonic combustion /hydrogen/ /U/	1966
19670070931	Antitank Missile Guidance and Control - an Annotated Bibliography /U/	1966
19670070934	Experiment critique and RVIP instrument data validation - Impedance probe /U/	1966
19670070935	Lance power supply electronics nuclear susceptibility study /U/	1966
19670070936	Development of a supersonic transport aircraft engine, phase II-C /U/ Monthly progress report, Jul. 1-31, 1966	1966
19670070937	Evaluation of biological dissemination ports on a supersonic double wedge wing /U/ Final report, 29 Dec. 1965 - 25 Mar. 1966	1966
19670070938	Propulsion development department review. Part 2 - Propellants and materials /U/ Progress report, Jul. - Sep. 1966	1966
19670070939	High energy plasticizers /U/ Quarterly report, Jul. - Sep. 1966	1966
19670070940	Exhaust plume reflectivity study /U/ Quarterly report, 15 Mar. - 15 Jul. 1966	1966
19670070942	Verification of a new liquid oxidizer /U/ Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670070943	Combustion study of light metal based fuels /U/ Quarterly technical progress report, 1 May - 31 Jul. 1966	1966
19670070945	Image interpretation and automatic optical detection /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19670070946	Prismatic effect compensation technique /U/ Quarterly report	1966
19670070947	The development and evaluation of a hydrocarbon binder for high energy solid propellants /U/ Quarterly report, 14 Jun. - 13 Sep. 1966	1966
19670070948	Guided missile propulsion /liquid/ exploratory development /U/ Technical report, Apr. - Jun. 1966	1966
19670070949	Propellant chemistry and engineering support /U/	1966
19670070950	Small diameter /4-8 inches/ prepackaged powerplant	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670070951	Intermediate diameter /12 inch/ prepackaged powerplant /U/	1966
19670070952	Large diameter /over 20 inches/ prepackaged powerplant /U/	1966
19670070953	High chamber pressure investigation /U/	1966
19670070954	Investigation of hydrostatic bearings for use in high pressure cryogenic turbopumps /U/ Semiannual report, 1 Mar. - 30 Sep. 1966	1966
19670070955	Study of Incremental Systems Development Approaches and Applications, Volume I /U/ Final Summary Report	1966
19670070956	Study of Incremental Systems Development Approaches and Applications, Volume II /U/	1966
19670070957	Study of Incremental Systems Development Approaches and Applications, Volume III /U/	1966
19670070959	Fundamental research on the direct fluorination of organic compounds /U/ Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670070960	Advanced thrust chamber assembly program /U/ Quarterly progress report, 1 Mar. - 31 Aug. 1966	1966
19670070961	Heat transfer study of prepackaged propellants /U/ Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670070962	Development of a hypersolid ignition system /U/ Final report, 1 May 1965 - 31 May 1966	1966
19670070963	Development of a supersonic transport aircraft engine, phase II-C /U/ Monthly progress report, Feb. 1-28, 1966	1966
19670070965	Study and investigation leading to the design of broadband high power klystron amplifiers Final report, Mar. 1 - Aug. 31, 1966	1966
19670070966	Twentieth materials review, January - July 1966	1966
19670070967	High voltage solar cell array segment Interim progress report, 1 Jul. - Oct., 1966	1966
19670070969	Dynamics of liquid filled shell - Resonance in modified cylindrical cavities	1966
19670070970	Flight evaluation of the aircraft characteristics of the J79-GE-8 engine with improved P9KA fuel nozzles Interim report	1966
19670070971	Manufacturing techniques for application of a duplex W/ Si-W coating on tantalum components Interim progress report, 1 Aug. - Oct. 1966	1966
19670070972	Speed buffering and digital combining techniques Quarterly report, 28 Jun. - 30 Sep. 1966	1966
19670070973	Determination of reactor shutdown margin by noise analysis Technical report, 1 Oct. 1964 - 30 Sep. 1965	1966
19670070974	Development of L-band C-band solid state sources Semiannual report, 15 Mar. - 14 Sep. 1966	1966
19670070975	Dynamics of fluid turbulence	1966
19670070976	Biomedical research studies in acceleration, impact, weightlessness, vibration, and emergency escape and restraint systems - A comprehensive bibliography, supplement one	1966
19670070977	Advanced digital receiver design study Final report	1966
19670070978	Integrated microwave receiver techniques study Quarterly report, 15 May - Aug. 1966	1966
19670070979	Research and development of microwave tubes and devices Quarterly report, Jun. 1 - Aug. 31, 1966	1966
19670070981	Quarterly project progress report for July, August, September 1966 /U/	1966
19670070982	Stability of LMH-2 in liquid carriers /U/ Final report, 1 Mar. 1965 - 31 May 1966	1966
19670070983	Optical contrast seeker program - Fiscal year 1966 summary and captive flight test results /U/	1966
19670070986	Research on advanced solid propellants /U/ Quarterly progress report, 11 Sep. - 10 Dec. 1966	1966
19670070987	Evaluation of a high energy monopropellant /U/ Quarterly progress report, 9 Jun. - 8 Sep. 1966	1966
19670070990	Flight test missile 2083 /U/ Flight test evaluation report	1966
19670070991	Supersonic transport propulsion, phase IIC /U/ Monthly technical progress report, Aug. 1966	1966
19670070992	Stage I Minuteman /M55A1/ production support. Appendix D - Submerged gimbal nozzle development /U/ Final report, 1 Jul. 1964 - 1 Sep. 1965	1966
19670070995	PIGA IA orientation matrix	1966
19670070996	Error sources in the horizontal and vertical calibration equations	1966
19670070997	Analysis of PIGA calibration of centrifuge radius and arm elevation angle requirements	1966
19670071000	An investigation of decompression hazards following equilibration in a simulated spacecraft atmosphere of 50 percent O ₂ - 50 percent He at 380 mmHg Final report, Apr. 1965 - Jul. 1966	1966
19670071001	High energy oxidizers in solution /U/ Final technical progress report, 1 Jul. 1963 - 30 Sep. 1966	1966
19670071002	The synthesis of the perfluoro ammonium cation, NF ₄ PLUS	1966
19670071003	The synthesis of the perfluoro ammonium cation, NF ₄ PLUS	1966
19670071004	Evidence for the existence of the Sb ₂ F ₁₁ minus anion	1966
19670071005	The solubility of F ₂ , NF ₃ , and O ₂ in anhydrous liquid HF	1966
19670071008	Use of night vision devices by US Army units in Vietnam /U/ Final report, 6 Mar. - 16 May 1966	1966
19670071011	Solid Propellant Rocket Static Test Working Group 4th Meeting Bulletin, volume II /U/	1966
19670071012	Impulse scaling prediction /U/	1966
19670071013	Specification requirements for UHP /ultra high performance/ load cells	1966
19670071014	Load cells, bonded strain gage, general specification for	1966
19670071015	Suggested changes to static test publication SPSTP/10B	1966
19670071016	Development of propellants containing an energetic oxidizer /U/ Quarterly technical progress report, 1 Jun. - 31 Aug. 1966	1966
19670071017	Propulsion development department review. Part I - Propulsion techniques, systems, and analysis, October - December 1966 /U/	1966
19670071019	Molecular substitution studies /U/ Final technical report, 5 Nov. 1965 - 4 Nov. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071020	Energetic oxidizer manufacturing process for advanced solid propellants /U/ Interim engineering progress report, 16 Sep. - 15 Dec. 1966	1966
19670071021	Semiannual technical documentary report for contract AF 33/615-2243, April 16 - October 15, 1966 /U/	1966
19670071022	Development of inertial instruments	1966
19670071023	Materials research	1966
19670071024	Spin-axis bearings	1966
19670071025	Development of instrumentation /U/	1966
19670071026	Feasibility of hiperthin concept with CTF-MHF-3 propellants /U/ Final technical report, 1 Apr. - 5 Nov. 1966	1966
19670071027	Pilot plant operations /U/ Technical progress report, 1 Oct. - 31 Dec. 1965	1966
19670071028	Combustion of high-energy solid propellants /U/ Final report, Apr. 1, 1965 - Mar. 31, 1966	1966
19670071029	Combustion of high-energy solid propellants /U/ Final report, Apr. 1, 1965 - Mar. 31, 1966	1966
19670071031	Hypersonic ramjet heat transfer and cooling program. Volume I - Results of regenerative cooling experiments /U/ Final report, 1 Jun. 1965 - 31 Jan. 1966	1966
19670071032	Failure analysis of contoured thrust chamber no. 1 /U/	1966
19670071033	Thermocouple correction analysis	1966
19670071034	Test data for the regenerative cooling experiment	1966
19670071035	Statistical analysis of the scramjet heat transfer experiment and the regenerative cooling experiment	1966
19670071037	Theoretical studies on advanced oxidizers /U/ Interim summary report no. 2, 1 Jun. - 30 Nov. 1966	1966
19670071038	Evaluation of high energy fuels and oxidizer in solid propellants /U/ Final report, 12 Apr. 1965 - 11 Oct. 1966	1966
19670071040	Radially distributed annular combustor for packaged liquid rocket engines /RADARC STATE of the art program/ /U/ Quarterly report, 11 Jul. - 10 Oct. 1966	1966
19670071041	Experiment critique and RVIP instrument data validation /U/	1966
19670071045	Introduction to signature processing	1966
19670071047	Introduction to processing of optical signature data	1966
19670071048	Processing of optoradiometric calibration data	1966
19670071049	The processing of spectral camera data	1966
19670071051	Processing of photometer/radiometer data	1966
19670071053	ETR signature data	1966
19670071054	Raw digital data processing	1966
19670071056	Pulse compression	1966
19670071059	Video recording and playback	1966
19670071061	Redline parameters SLV-3 follow on 69-00717, book no. 1	1966
19670071062	Investigation and optimization of high strength alloys for cryogenic stretch-forming Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670071063	DH.200 experimental jet flap rotor. Phase IV - Wind tunnel tests. Volume II - Charts and figures Final report, May - Jul. 1965	1966
19670071065	A new technique for studying very rapid thermal decomposition kinetics	1966
19670071066	EPR study of NF decomposition /U/	1966
19670071067	Structure vs. sensitivity of NF COMPOUNDS /U/	1966
19670071068	Capillary burning rate studies of NF LIQUIDS /U/	1966
19670071069	Shock-tube NF sensitivity testing	1966
19670071070	The thermal decomposition of INFO-635P /U/	1966
19670071071	Thermal decomposition studies on poly FA-BDE /U/ Progress report	1966
19670071072	The decomposition of solid INFO-635-P, TRIS-U, and BTU /U/	1966
19670071074	Kinetics and mechanism of the pyrolysis of compound T and related compounds /U/	1966
19670071076	The branched-chain explosion of domino compounds /U/	1966
19670071077	Kinetics of decomposition of NF compounds in aqueous solution /U/	1966
19670071078	Effect of isomeric structure on failure diameter of DP compounds /U/	1966
19670071079	Physical desensitization of NF materials /U/	1966
19670071081	The explosives characterization of NFPA-TVOPA PROPELLANT manufacture /U/	1966
19670071082	Thermal stability and reactivity of a salt containing the PFA cation /U/	1966
19670071083	Sensitivity measurements on compounds "R" and "T" /U/	1966
19670071084	Low velocity detonations /U/	1966
19670071086	New explosive reactors of hydrogen and NF COMPOUNDS	1966
19670071087	[No Title]	1966
19670071088	Kinetics of decomposition of solid oxidizers /U/ Quarterly report, 1 Jun. - 31 Aug. 1966	1966
19670071089	Exploratory development for missile guidance and airframes supported by Naval Air and Ordnance Systems Commands /U/ Quarterly report, Jul. - Sep. 1966	1966
19670071090	Exploratory development for missile propulsion supported by Naval Air and Ordnance Systems Commands /U/ Quarterly report, Jul. - Sep. 1966	1966
19670071091	Research and development programs /U/ Quarterly report, Jul. - Sep. 1966	1966
19670071092	Augmented thrust propulsion supported by Naval Ordnance Systems Command /U/ Quarterly report, Jul. - Sep. 1966	1966
19670071093	Technical status report, April - June 1966 /U/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071094	Absorption at ruby laser wavelengths for low angle total atmospheric paths	1966
19670071095	Transient analysis in fracturing aluminum plate	1966
19670071096	Infrared radiation detector from lead telluride PbTe	1966
19670071097	Detonation pressure measurements in TNT and octol	1966
19670071098	Study and evaluation of the oxidative and deposit-forming properties of high temperature lubricants Technical report, 1 Apr. 1964 - 12 May 1966	1966
19670071099	Studies on shock wave pressure-time gauges. XI - Quality control of piezoelectric shear tube elements	1966
19670071100	Aural systems simulation for birds and insects Technical report, 1 Dec. 1965 - 30 Nov. 1966	1966
19670071101	Precise tactical navigation /secure/ techniques Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670071102	Controlling the thrust of liquid fuel rocket engines	1966
19670071103	Technical publications of the Naval Missile Center and Pacific Missile Range 1946 through 1965	1966
19670071104	Experimental determination of the transport properties of gases. Part II - Heat transfer and ultrasonic measurements Technical report, Feb. 1965 - Feb. 1966	1966
19670071105	Development of fatigue data for several alloys for use in aerospace design Progress report, Jul. - Oct. 1966	1966
19670071106	Objective assembly of meteorological satellite information Final report	1966
19670071107	Short-time creep behavior of heat-treated 4340 steel under uniaxial tensile and 1 - 2 tension-tension biaxial loading	1966
19670071108	Altitude and cold - A study of the cold exposure and thermoregulatory responses of high altitude Quechua Indians Annual progress report	1966
19670071109	Micropower functional electronic blocks Final technical report, 15 May 1965 - 15 Aug. 1966	1966
19670071110	Strength of sub-mil diameter tungsten wires Interim report	1966
19670071111	Aerodynamic force analysis, volume I	1966
19670071112	Propellant level control and loading systems, SLV-3 follow-on test parameters 69-00713, book no. 1	1966
19670071113	Data buffering techniques study Final report	1966
19670071114	Infrared to visible conversion in crystals Quarterly progress report, 1 Feb. - 30 Apr. 1966	1966
19670071115	Evaluation of the maser-equipped radar set AN/MPS-34 and area precipitation measurement indicator Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670071116	Evaluation of foamed-in-place plastics for packaging	1966
19670071117	Development of a manufacturing process and associated equipment to improve internal core forming in solid propellant rocket motors. Phase I - Evaluation and selection of design and materials Interim engineering progress report, 16 May - 17 Aug. 1966	1966
19670071118	Investigation of the thermodynamic properties of rocket exhaust products Quarterly report, 25 Jul. - 31 Oct. 1966	1966
19670071119	Non-linear waves in elastic solids	1966
19670071120	Cost model for comparing range safety plans, theory and application	1966
19670071121	KC-135A low speed controllability tests Final report, 13 Sep. 1965 - 14 Mar. 1966	1966
19670071122	The conceptual design of an electrical energy distribution system Final report, 16 Feb. - 1 Aug. 1966	1966
19670071123	Solid state digital scanning of mosaic sensors, phase II Final report, Jul. 1, 1965 - Oct. 31, 1966	1966
19670071125	S shock-tube molecular beam facility and preliminary studies on chemi-ionization	1966
19670071126	Cyclotron resonance pumping of gas lasers First triannual report, Jun. 1 - Sep. 30, 1966	1966
19670071127	Investigation of maintenance-free, high rate, nickel-cadmium batteries for aircraft application Quarterly technical progress report	1966
19670071128	Meteorological rocket network firings. Volume LVI - April 1966 firings Data report	1966
19670071129	Synthesis of fluidic flight control system Final report, Apr. 1964 - Aug. 1966	1966
19670071130	Optimum noncylindrical fiber-glass pressure hulls for deep submergence, phase I Final report, 27 Jun. - 27 Dec. 1966	1966
19670071131	Research on inhibited N2O4 Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670071132	Research and development of a brushless starter generator Quarterly report, 1 Jul. - 1 Oct. 1966	1966
19670071135	Evaluation of extruded products Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670071136	Supersonic transport program, phase II-C BIMONTHLY technical progress report	1966
19670071139	Investigation of feedforward control system applications Final report	1966
19670071140	Tactical satellite navigation system study Quarterly report, 15 Jun. - 14 Sep. 1966	1966
19670071145	Applied research in thick film active devices Final report, 12 Jul. - 12 Dec. 1966	1966
19670071150	Vibration and acoustic analyses Saturn AS-201 flight	1966
19670071152	Network performance analysis for the Gemini GTA-11 mission	1966
19670071153	Transpiration thermal protection system study for the M2-F2 vehicle	1966
19670071155	Study of cumulative damage techniques for the prediction of motor failure Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670071156	Study, investigation, design and development of a demodulator Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670071157	Magnetic compression of electron beams Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670071158	Ion implantation doping techniques Interim technical report, 1 Aug. - 31 Oct. 1966	1966
19670071160	Vapor-phase reactions of organic compounds with oxygen Final report, Jun. 1963 - Jun. 1966	1966
19670071161	Hamiltonian ray tracing digital computer program Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071162	TRAP 7 Summary test report, Aug. 1965 - Jun. 1966	1966
19670071163	Development of controllable selective amplification in silicon-based microcircuitry Interim report, 15 May - 15 Aug. 1966	1966
19670071164	Feasibility study of a universal aerial recovery system. Volume I - Analysis, experimental testing and feasibility demonstration	1966
19670071165	Theory of a plane subsonic flow past an oscillating staggered cascade. Part II - Retransformation of the image functions and properties of their originals	1966
19670071166	Investigation of single crystal silicon ribbon. Part I - Study of shaped crystal growth Annual report, 1 Jun. 1965 - 31 May 1966	1966
19670071167	Techniques for measuring the quality of high temperature potassium vapor Final report, 1 Mar. 1965 - 1 Nov. 1966	1966
19670071168	Effects of spin relaxation on the EPR SPECTRUM of gaseous N atoms	1966
19670071169	Flash photolysis studies of reactions between excited molecules and selected substrates Final technical report, 1 Dec. 1964 - 30 Nov. 1965	1966
19670071171	Prevention of corrosion of cadmium and zinc coating by vapours from organic material Defense guide	1966
19670071172	Effect of preliminary surface treatment of steel on the anti-corrosion behaviour of paint coatings in sea water	1966
19670071173	Proton measuring device for magnetic field	1966
19670071174	Mass spectrography for the analysis of solids. // Determination of the isotopic abundance ratio of ¹³ C enriched carbon films	1966
19670071175	Computer programs and graph transformations	1966
19670071176	Long range seismic measurements - TAN, 3 June 1966	1966
19670071177	Infrared spectroscopic study of hydrogen- fluorine flames. III - Comparison of theory and experiment	1966
19670071178	A multi-element detectability measuring set employing post-detection integration	1966
19670071179	Nike-Cajun NICAP/1 rockets, round numbers 66-2, 66-3, 66-4, 66-5, 66-6, 66-7, and 66-8 Meteorological data report, Jul. 1-8, 1966	1966
19670071180	DH.2011 experimental jet flap rotor. Phase IV - Wind tunnel tests, volume I Phase completion report	1966
19670071181	Corrosion resistant cladding for 7075-T6, phase II Quarterly report, 1 Aug. - 1 Nov. 1966	1966
19670071182	Semiconductor-metal-semiconductor triode Interim engineering report, 1 Jul. - 30 Sep. 1966	1966
19670071183	Associative list selector Interim technical report, 28 Jun. 1965 - 28 Feb. 1966	1966
19670071184	Application of a laser-Doppler technique to the measurement of particle velocity in gas- particle two-phase flow	1966
19670071185	Development on high temperature insulation materials. Part I - Pyrolytic deposition of aluminum and silicon nitrides Annual summary report, Jun. 1965 - Jun. 1966	1966
19670071186	Investigation of laminated structures for radio frequency applications Interim technical report, 1 Jun. - 31 Aug. 1966	1966
19670071187	Super power beam type switch tube Interim report, Apr. 1965 - Jul. 1966	1966
19670071188	Research on direct electron beam film scanning techniques, phase I Interim report, 1 May - 31 Oct. 1966	1966
19670071189	Research on Gunn effect devices, part II INTERIM technical report, 1 Aug. - 31 Oct. 1966	1966
19670071190	Image intensifier with mosaic collector Interim report, 1 Aug. - 1 Nov. 1966	1966
19670071191	Investigation of a moving belt radiator Quarterly progress report, 1 Aug. - 31 Oct. 1966	1966
19670071192	Corrosion and compatibility	1966
19670071193	Correlation of X-15 simulation experience with flight test results	1966
19670071195	Process development for precision titanium forgings Interim engineering progress report, 1 Mar. - 31 May 1966	1966
19670071197	Explosively driven shock tubes Technical report, 15 Aug. 1965 - 15 May 1966	1966
19670071198	The effects of fin configuration on the base drag of a missile with simulated rocket exhaust at Mach numbers 2.5 and 3.0	1966
19670071199	Data collection and reduction techniques for the performance simulator. Volume III - Flow charts for the store-and-forward simulation input generator and LOWESTAT	1966
19670071200	Demonstration of a submerged cooled nozzle Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670071201	Bistable EL panel study Final report, Oct. 1964 - Jun. 1966	1966
19670071202	Studies of seismic waves in heterogeneous regions of the earth Final report	1966
19670071203	Process development for precision forging Columbium-base alloys Interim engineering progress report, 10 Jun. - 30 Nov. 1966	1966
19670071204	Response of a burning propellant surface to erosive transients Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670071205	Detection of water in jet fuel and residual fuel. Item 1 - Breadboard instrumentation Bimonthly progress report, Aug. 21 - Oct. 21, 1966	1966
19670071206	KC-135 power spectral vertical gust load analysis, volume II Final report, Jul. 1965 - Mar. 1966	1966
19670071207	A stochastic theory for the dissociation and recombination of diatomic molecules in an inert diluent	1966
19670071208	Real time digital phase shifters utilizing 4-port single-junction latching circulators Quarterly report, 1 May - 31 Jul. 1966	1966
19670071209	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670071210	Corrosion-resistant cladding for 7075-T6, phase I Quarterly report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071211	Surface welding in the space environment	1966
19670071212	Conceptual flutter analyses Quarterly report, 28 Jun. - 27 Sep. 1966	1966
19670071213	Research on piezjunction sensors Interim report, 1 May - 1 Aug. 1966	1966
19670071214	Nike-Cajun NICAP/1 rockets, round no. 66-9 /11 July 1966/, round no. 66-10 /12 July 1966/, round no. 66-11 and 66-12 /13 July 1966/, round no. 66-13 and 66-15 /18 July 1966/, round no. 66-14 /19 July 1966/ Meteorological data report	1966
19670071215	Supersonic transport program phase II-C BIMONTHLY technical progress report	1966
19670071216	Meteorological rocket network firings. Volume LI - November 1965 firings Data report	1966
19670071217	Development of composite structural materials for high temperature applications Quarterly report, 23 May - 22 Aug. 1966	1966
19670071218	Multiple reflective laser detector diode Interim engineering report, 1 May - 31 Jul. 1966	1966
19670071219	New accelerometer techniques Final engineering report, Feb. 1, 1965 - May 1, 1966	1966
19670071220	Large format UV image tube development, volume II Quarterly report, 1 Nov. 1965 - 31 Jan. 1966	1966
19670071221	Design allowables on annealed titanium sheet Quarterly progress report, 15 May - 14 Aug. 1966	1966
19670071222	Three point two millimeter wave oscillator Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670071223	Investigation of channel seal blow-by phenomenon Final report	1966
19670071224	Stress analysis of a longitudinally stiffened, double-walled, external pressure vessel	1966
19670071225	A statistical analysis of multichannel systems with applications to broadband, microwave frequency discriminators	1966
19670071226	Atmospheric light transmission in a Wisconsin area	1966
19670071227	Semiconductor laser modulation techniques Quarterly progress report, 30 Apr. - 31 Jul. 1966	1966
19670071228	Phase transformations and thermodynamic and structural studies Final report, Oct. 1, 1960 - Oct. 15, 1966	1966
19670071229	Propulsion system SLV-3 follow-on test parameters, book number 1	1966
19670071230	Pressure test on a 0.04-scale model of the Saturn V launch vehicle at Mach numbers from 0.60 through 1.45	1966
19670071231	Nonreciprocal YIG multiplexer Interim report, 1 Mar. - 1 Jun. 1966	1966
19670071232	Review of recent developments, metalworking	1966
19670071233	Engineering graphics seminar, the use of the concept of similar triangles in nomography	1966
19670071234	Topics on the calculation of atmospheric ionization following nuclear explosions	1966
19670071235	Semiconductor materials Interim engineering report, Jan. 16 - Jul. 30, 1966	1966
19670071236	Integrated research carbon composite materials, part I Annual report, May 17, 1965 - May 16, 1966	1966
19670071237	Study of microwave generation by means of interaction with an anisotropic media Quarterly report, 1 Mar. - 31 May 1966	1966
19670071238	Notch behavior in metals Final report, 1 Jul. 1965 - 31 May 1966	1966
19670071239	Measurement of gyro error coefficients Final report	1966
19670071240	Avalanche pumped semiconductor laser Interim engineering report, Jan. - Jul. 1966	1966
19670071242	Large motor case technology evaluation	1966
19670071243	SDL digital-to-analog /DAC/ system	1966
19670071244	High power modulator switch study /transistor/ Final report	1966
19670071245	On the interrelationships between the physical properties of polymers - Organic and inorganic polymers	1966
19670071246	Ground starting with a J60-P-3A turbojet engine employing a 29-ratio Hamilton Standard JFC-46-4 fuel control Final report	1966
19670071247	The detection of modulated light beams Final report	1966
19670071248	Flutter analysis of the wing of the XBQM-34E SUPERSONIC target Final report	1966
19670071250	Research in defense sciences - Physics, chemistry, mathematics, materials, mechanics Semiannual progress report, 1 Jan. - 30 Jun. 1966	1966
19670071251	Graphic presentation of electromagnetic fields near a dipole in seawater Interim report, Jun. - Jul. 1965	1966
19670071252	Rendezvous And Station-Keeping Optical Radar /RASKOR/ Interim technical report, 15 Apr. - 15 Oct. 1966	1966
19670071253	Automatic detection and display equipment for moving target indication /ADDEM/ Quarterly progress report, 1 Feb. - 30 Apr. 1966	1966
19670071254	Design and measurement of a portable low noise aerial	1966
19670071255	Development of a manufacturing process for the production of .005 inch diameter beryllium wire Final technical report, 20 May 1963 - 30 Jun. 1966	1966
19670071257	Three linear regression equations for forecasting wintertime 1800 G.M.T. surface temperatures at Malton, Ontario	1966
19670071258	Analytical and experimental predictions of fussion neutron radiation effects. Volume I - Theoretical and experimental studies Technical report, Jan. 1965 - Jan. 1966	1966
19670071259	Spectrum analysis of magnetic tapes using compressive receiver techniques Final report	1966
19670071260	Tetrafluoroethylene-ethylene copolymers as superior dielectric materials Final report, 13 May 1965 - 12 Jun. 1966	1966
19670071261	Moessbauer studies of Fe57 in orthoferrites	1966
19670071262	Lithium anode limited cycle battery investigation Quarterly technical progress report	1966
19670071263	Evaluation of automatic personnel emergency back parachute	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071264	C-141A aircraft aerial delivery system category I evaluation tests	1966
19670071265	Micrometeoroid environment and its simulation	1966
19670071266	Interference reduction techniques for pulsed transmitters Quarterly report, 29 Mar. - 5 Aug. 1966	1966
19670071267	Comparison of altitude extended gravimetric disturbances and those obtained from spherical harmonic representations of the gravity field, February 1965 - May 1965	1966
19670071268	Flight control system SLV-3 follow-on test parameters, 69-00705, book no. 1	1966
19670071269	Selected bibliography on the sustenance of man in aerospace systems	1966
19670071270	J79-GE-8 engine component performance	1966
19670071271	Investigation of new ethylene copolymers of possible use as flexible electrical cable jacketing compounds Final report	1966
19670071272	Manufacturing methods for phase shifters Interim engineering progress report, 1 Aug. - 31 Oct. 1966	1966
19670071273	Production Engineering Measure /PEM/ for silicon varactor diode Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670071274	Radar target scatter site /RAT SCAT/ VHF MEASUREMENT feasibility investigation	1966
19670071275	Effect of the cooling rate at quenching and of single and two-stage ageing treatments on the stress-corrosion resistance of extrusions in Al-Zn-Mg-Cu alloys Final technical report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670071276	Boundary layers due to the combined effects of rotation and translation, April - August 1966	1966
19670071277	Coherent IR Raman generated radiation Final comprehensive report, 10 Dec. 1965 - 7 Oct. 1966	1966
19670071278	Transient behavior of radiating elements Interim report, 2 Feb. - 1 Jul. 1966	1966
19670071279	Osmotic responses and light scattering of bacteria	1966
19670071280	The friction of quartz in high vacuum	1966
19670071281	Study of high-power electrostatically focused klystrons Quarterly progress report, 1 May - 31 Jul. 1966	1966
19670071282	Representation and analysis of signals. Part XXII - Techniques for the resolution of overlapping waveforms	1966
19670071283	An investigation of the supersonic research capabilities of the NATTS altitude test facilities. Phase 3 - Evaluation of wind tunnels with abrupt cut-off centerbodies	1966
19670071284	Tetrahedron flow beam geometry for microwave tubes First triannual report, 4 Feb. - 3 Jun. 1966	1966
19670071285	Research on Gunn effect devices, part II INTERIM technical report, 1 Jul. - 1 Aug. 1966	1966
19670071286	Design of a digital interface control unit	1966
19670071287	Athena flight number 048 /18 August 1966/ and Athena flight number 049 /19 August 1966/ Meteorological data report	1966
19670071288	Effects of substituent groups on spin-spin coupling in nuclear magnetic resonance Final report, 27 Feb. 1963 - 15 Jun. 1966	1966
19670071289	Development of manufacturing methods for the production of infiltrated tungsten composite rocket nozzle inserts Final technical report, 1 Sep. 1964 - 31 Jul. 1966	1966
19670071290	Hypervelocity and fluid impact studies, a literature review	1966
19670071291	A meson factory in Switzerland	1966
19670071292	Research on the application of electrical curing to heat resistance structural adhesives Technical report, 1 Apr. 1965 - 30 Jun. 1966	1966
19670071293	Radiological armor program - Analysis of slant-incident radiation through ducts and voids in shields Final report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670071294	Oxidizer surface coating Quarterly progress report, 1 Sep. - 30 Nov. 1966	1966
19670071297	Detection and imaging technology Interim technical report, 15 Jul. - 15 Sep. 1966	1966
19670071298	Pumped transformer lasers Final report, 1 Nov. 1964 - 31 Oct. 1966	1966
19670071299	Testing and analysis of a thrust stand system Final report, Nov. 1965 - Oct. 1966	1966
19670071300	Concerning certain problems relating to incomplete combustion in heat engines	1966
19670071301	Development of a tubing and bar process for a dispersion strengthened Ni-Cr-ThO ₂ alloy Phase II report, 1 Mar. - 1 Dec. 1966	1966
19670071302	Critical evaluation of the mechanical behavior of beryllium Final report, 17 Jan. - 31 Aug. 1966	1966
19670071304	High response, low level pulse engine thrust stand system Final report, Feb. 1965 - Oct. 1966	1966
19670071306	Autotracking of satellites from the ground through the 8-12 mum atmospheric window	1966
19670071307	Phonon interactions in crystals Final quarterly technical report, 15 May 1963 - 14 Jul. 1966	1966
19670071308	Experimental physics in Israel. Part II - The Weizmann Institute of Science	1966
19670071309	Drag reduction using polymers and other methods - An annotated bibliography Literature search, 1964 - 1966	1966
19670071310	Fabrication techniques for lightweight hyper-environment E-M windows Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670071311	Speech analysis techniques Final technical report	1966
19670071317	Handheld space sextant P/N A41580 00 001 GFAE no. EG 25100 S/N 2 Environmental qualification and acceptance test report	1966
19670071319	Poppet and seat design data for aerospace valves Final report, Apr. 1964 - Feb. 1966	1966
19670071320	Response to various material media to high velocity loadings. II - Finite elastic deformation	1966
19670071321	Broadband UHF transistor structure Interim technical report, 1 Jul. - 30 Sep. 1966	1966
19670071322	Double-stream interactions in electron beams and in semiconductors	1966
19670071323	Cortical control of eye movements and visual threshold Final technical report, 1 Jun. 1965 - 1 Jun. 1966	1966
19670071324	Single frequency repeater Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071325	EW crossed-field amplifier Quarterly progress report, 15 Jan. - 15 Apr. 1966	1966
19670071326	Signal distribution package P/N 2353729 flight confidence test	1966
19670071327	Investigation of single-crystal dimolybdenum carbide Technical documentary report, Oct. 1963 - Feb. 1966	1966
19670071328	A note on a technique of surface flow visualisation	1966
19670071329	A satellite study of VLF hiss	1966
19670071330	A scaling technique for investigating heat transfer from luminous flames	1966
19670071331	Post strike analysis through IR RECONNAISSANCE	1966
19670071332	XB-70A flight test. Environmental control crew and electrical equipment environment and Environmental Control System /ECS/ PERFORMANCE Summary report, Sep. 1964 - Jun. 1966	1966
19670071333	Radar study of sphere wakes	1966
19670071334	Study of aviation-fuel filter/separators Quarterly progress report, Jul. 20 - Oct. 19, 1966	1966
19670071336	Feasibility study of rapid on-site fabricated beach matting, phase II	1966
19670071337	Cyclic hot salt stress corrosion of titanium alloys Quarterly progress report, 1 Sep. - 30 Nov. 1966	1966
19670071338	Alternating-current /ac/ circuit analysis computer program /BHA-0026/ and compiler program /BHA-0131, volume 1	1966
19670071339	Synthesis of amino and hydrazino derivatives of alicyclic and heterocyclic systems with potential pharmacological activity on C.N.S. FINAL technical report, Jun. 1965 - May 1966	1966
19670071340	A study of the superconducting behavior of alloyed interstitial compounds with the NaCl crystal structure Progress report, 5 May 1965 - 31 Oct. 1966	1966
19670071341	Develop non-destructive dynamic monitoring instrumentation for resin impregnated glass roving Quarterly report, 25 Aug. - 25 Oct. 1966	1966
19670071342	Direction of water in jet fuel and residual fuel. Item 1 - Breadboard instrumentation Progress report, 21 Oct. - 21 Dec. 1966	1966
19670071343	Machining of new materials Interim engineering progress report, 1 Sep. - 30 Nov. 1966	1966
19670071344	Feasibility study of rapid on-site fabricated helicopter pads, phase II	1966
19670071345	Extensions to theory of time series analysis Quarterly report, 1 Aug. - 31 Oct. 1966	1966
19670071347	Research and experimentation on space object identification using ground based electro- optical techniques Interim technical report, Jul. - Dec. 1966	1966
19670071348	Radar hurricane research Final report, 1 Sep. - 31 Aug. 1966	1966
19670071349	Development of an integrated and mechanized high energy forming machine Interim engineering progress report, 1 Sep. - 31 Dec. 1966	1966
19670071350	Gallium arsenide transistor studies Final report, 31 Jul. 1965 - 31 Jul. 1966	1966
19670071351	Evaluation of the capability of the Aerotriever /Skyhook/ emergency parachute reel-in system First addendum report	1966
19670071352	Bearing analysis, SNAP 50/SPUR program, dynamic stability study, February 1963 - September 1966	1966
19670071353	Penetration of submicron T1 bacteriophage aerosols and bacterial aerosols through commercial air filters	1966
19670071354	The basis of the Danish choice of dose for radiation sterilization of disposable equipment	1966
19670071355	TREES testing facility	1966
19670071356	Free-flight pressure measurements across the base of sharp and blunt 10 deg cones at Mach numbers from 15 to 20	1966
19670071357	Problems in the absolute measurement of sound speed	1966
19670071358	Automatic detection and display equipment for moving target indication /ADDEM/ Quarterly progress report, 1 May - 31 Jul. 1966	1966
19670071359	Position fixing by time of arrival	1966
19670071360	Studies of photoemitters Interim technical report, 1 May - 31 Jul. 1966	1966
19670071361	Phosphonitrilic polymers stable at high temperatures Final report, Nov. 1, 1965 - Jul. 30, 1966	1966
19670071362	Use of the properties of frequency symmetry and complex symmetry in the control of linear dynamical systems	1966
19670071363	Development of manufacturing methods for producing pyrolytic graphite in various shapes and structures Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670071364	Crystal field studies of ferrous ion in ferrous niobium oxide by the Mossbauer effect	1966
19670071366	Investigation of performance losses and ballistics effects in solid propellant rockets Quarterly technical progress report, 1 Jun. - 31 Aug. 1966	1966
19670071367	Fluidborne sound in piping systems and methods for its control	1966
19670071368	Ground Control Approach systems /GCA/ SURVEILLANCE radar problems /AN/MPN-13 dual diversity radar/ /AN/TPS-35/FPS-8 hybrid radar Final report	1966
19670071369	ECM aerospace antenna studies, volume 2 Final technical report, 1 Aug. 1965 - 31 Aug. 1966	1966
19670071370	Semiconductor surface damage produced by ruby lasers, 1 July 1965 - 15 March 1966	1966
19670071371	Contributions to the theory of electroacoustic transducers	1966
19670071372	Development of manufacturing methods for field effect devices Final report, Jun. 1965 - Sep. 1966	1966
19670071373	The influence of the conductor connecting a noise generator and a 2-port network during noise measurements	1966
19670071374	High voltage breakdown study Quarterly progress report, 16 May - 15 Aug. 1966	1966
19670071375	Material considerations in plastic design Summary report, Jun. - Nov. 1966	1966
19670071376	Organic reactions in the solid state and solid solutions Final technical report, 1 Mar. 1965 - 28 Feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071377	Digital spectrum analyzers	1966
19670071378	Three hundred milliwatt X-band triode oscillator Quarterly report, 1 Mar. - 31 May 1966	1966
19670071379	Redundancy in threshold logic networks	1966
19670071380	Laser-triggered switch study Interim report, 7 Dec. 1965 - 6 Jun. 1966	1966
19670071381	Metals joining	1966
19670071382	Meteorological observations in Canada Monthly record, May 1966	1966
19670071383	Canadian upper air data Monthly bulletin, Jul. 1966	1966
19670071385	Minimizing spurious signals in multi-detector infrared devices, volume I Final technical report, Aug. 1965 - Jun. 1966	1966
19670071386	Experimental evaluation of expanded pyrolytic graphite for use in space radiators Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670071387	Production and evaluation of HY-130 /T/ steel castings. Part I - Production of HY-130 /T/ steel castings. Part II - Properties of cast HY-130 Final report	1966
19670071388	High speed power amplifier using an electron switched p-n junction Interim development report, 27 May - 27 Aug. 1966	1966
19670071389	The high temperature evaluation of aerospace materials Technical report, Jan. 1965 - Jan. 1966	1966
19670071390	Detection of water in jet fuel and residual fuel. Item 2 - Prototype instrumentation Bi-monthly progress report, 21 Oct. - 21 Dec. 1966	1966
19670071391	A study of the influence of geometry on the strength of fatigue cracked panels Final report, Jun. 1965 - May 1966	1966
19670071392	A study of hydrocarbon flames Technical report, 1 Jan. - 30 Jun. 1966	1966
19670071393	Study and investigation of frequency stabilized gas ring lasers Technical report, Nov. 1964 - Jul. 1965	1966
19670071394	Development of joining processes for titanium foils Interim engineering progress report, 15 Aug. - 15 Nov. 1966	1966
19670071395	Behavior of nozzle materials under extreme rocket motor environments Quarterly progress report, Sep. - Nov. 1966	1966
19670071396	Development and evaluation of the diffusion bonding process as a method to produce fibrous reinforced metal matrix composite materials Final technical report, 15 Aug. 1965 - 15 Oct. 1966	1966
19670071397	Development of long wavelength radiometer	1966
19670071398	Ground power thermoelectric generator investigation Final report, 24 Jan. - 15 Oct. 1966	1966
19670071399	Advancements in space flight hardware through chemical milling	1966
19670071400	A theoretical model of the high Reynolds number laminar near wake flow field behind axisymmetric bodies in hypersonic flight	1966
19670071401	Detection of water in jet fuel and residual fuel. Item 2 - Prototype instrumentation Bimonthly progress report, Aug. 21 - Oct. 21, 1966	1966
19670071402	Electrophoretic deposition of refractory metals coatings Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670071403	Aerodynamic heating and ablation computer program /Heatab/	1966
19670071404	F-104 airspeed system calibrations Final report	1966
19670071405	A high frequency rotatable directional array, part II Final report	1966
19670071406	Effect of antisymmetric exchange interaction on the magnetization and resonance in antiferromagnets	1966
19670071408	The effect of aluminum on the time-temperature transformation characteristics of a 0.3 percent carbon steel	1966
19670071409	The effect of electric stimulation on sensation threshold	1966
19670071410	Wave propagation studies related to the theory of near 1 cps magnetic effects of high altitude nuclear detonations, volume II FINAL report, 28 Feb. 1965 - 22 Apr. 1966	1966
19670071411	Research on nonradiative processes in laser materials Technical report, 1 Jul. 1964 - 30 Jun. 1966	1966
19670071412	Half millimeter "backward wave oscillator", phase 2 Summary report, 1 Oct. 1965 - 30 Jun. 1966	1966
19670071413	Experimental study of near wakes Technical progress report, 17 Jan. - 17 Oct. 1966	1966
19670071414	Evaluation of composite materials for gas turbine engines Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670071415	VHF and UHF transistor transient investigations Quarterly progress report, 27 Jun. - 27 Sep. 1966	1966
19670071416	Spin waves and spin-phonon interactions Final technical report, Mar. 1965 - Feb. 1966	1966
19670071417	Safety standard for continuity testing of electro-explosive devices	1966
19670071418	Development of probes and measurement techniques for automated interference measurements /3 to 300 megahertz/ in shielded chambers Final technical report, 1 Mar. 1965 - 1 Sep. 1966	1966
19670071419	Physical and thermodynamic properties of potassium	1966
19670071420	Test and evaluate Bimat processing system for the type KE-28A hand-held 70mm aerial camera Final report	1966
19670071421	Applied approximation theory Technical report, Jul. 1965 - Jul. 1966	1966
19670071422	Visual memory of capital letters - Multidimensional ratio scaling and multidimensional similarity	1966
19670071423	Synthesis of optimum controllers and optimum state error computation	1966
19670071424	Investigation of long range intercept and analysis techniques	1966
19670071425	Reactions of pentaborane /9/ and pentaborane derivatives	1966
19670071426	Parametric interactions involving multiple elementary scattering processes	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071427	Study program for development of a radar as a tropo communication facility Final report, Nov. 1965 - Aug. 1966	1966
19670071428	Problems in the laboratory simulation of space particulate radiation	1966
19670071431	Fundamental research on advanced oxidizers Quarterly technical report, Jun. - Aug. 1966	1966
19670071432	Flow characteristics of the VKF/AEDC 40- inch supersonic wind tunnel	1966
19670071433	Applied research on high resolution camera tubes Interim technical report, Jul. - Oct. 1966	1966
19670071434	Design handbook on gas bearings for gyroscope Interim report	1966
19670071435	Continued studies on advanced ferrimagnetic materials applied to digital phase shifters Quarterly report 28 Feb. - 28 May 1966	1966
19670071436	Monopulse scalar feed techniques Interim report, Jun. - Aug. 1966	1966
19670071437	Equilibria in non-aqueous solvents Final report, 1 Dec. 1961 - 15 Oct. 1965	1966
19670071438	Antenna development for FPS-7 IMPROVEMENT program, phases I and II FINAL engineering report	1966
19670071439	Fundamental studies in electrochemistry Quarterly progress report, Jun. - Sep. 1966	1966
19670071440	Development of improved grinding processes Interim engineering report, 1 Aug. - 31 Oct. 1966	1966
19670071441	On thermal ignition theory of solid materials	1966
19670071442	A feasibility study on the preparation of boron carbide filaments, whiskers and plate- like films Annual technical report, 1 Feb. 1965 - 31 Jan. 1966	1966
19670071443	An analysis of the initial stresses in an armour-piercing core impacting an oblique target	1966
19670071444	Transonic and low supersonic base drag estimates	1966
19670071445	Technical evaluation of interference analyzer EMC-10 Final report	1966
19670071446	Transmissivity of solar radiation through the atmosphere	1966
19670071447	Investigation of PbTe-SnTe single- crystal material for use in detectors of 8-14 micron radiation Interim technical report	1966
19670071448	Nike-Cajun NICAP/1 rockets round no. 66-16, 66-17, 66-19, 66-20 and 66-21 Meteorological data report	1966
19670071449	Nitrogen tetroxide evaporation rate studies	1966
19670071450	Honeycomb ceramic radome techniques Interim technical report, 1 Apr. - 1 Jul. 1966	1966
19670071453	Evaluation of the characteristics of hybrid propulsion systems for specific tactical naval weapons applications /U/ Quarterly technical report	1966
19670071455	IR detector research /U/ Interim technical report, 15 Aug. - 14 Nov. 1966	1966
19670071456	Integrated motor, feasibility demonstration /zoning of solid propellant motors by selectable impulse/ /U/ Quarterly technical report, 23 Jun. - 22 Sep. 1966	1966
19670071460	Theoretical restraints to waveform design /U/ Final report	1966
19670071461	Tailoring and improvement of LMH-2 /U/ Quarterly report, 28 Jan. - 29 Apr. 1966	1966
19670071462	Stability of LMH-2 in liquid carriers /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670071463	Technical evaluation of radio interference measuring set AN/URM-47 Final report, Apr. - Jul. 1966	1966
19670071464	Hot bend ductility of Columbium base alloys	1966
19670071466	Skin friction coefficients of compliant surfaces in turbulent flow	1966
19670071467	Supersonic transport program phase II-C BIMONTHLY technical progress report	1966
19670071468	Refractory laser oxide materials Interim engineering report, 1 Feb. - 31 Jul. 1966	1966
19670071469	Inspection, maintenance and repair of inertial guidance systems, part II	1966
19670071471	Planning of the solar simulation equipment for the large space simulation plant of the DVL	1966
19670071472	Helical and log conical helical antennas loaded with an isotropic material Quarterly report, 1 Aug. - 31 Oct. 1966	1966
19670071474	Quasi-optical electron beam studies and techniques for millimeter and submillimeter wavelength generation Final report	1966
19670071475	Gaschromatic column circuit for analysis of gases in closed systems for biological and biomedical investigations	1966
19670071476	Physics of electron emission. Volume III - Surface structures and photoemission Final report, 16 Oct. 1962 - 15 Oct. 1965	1966
19670071477	Investigation of the generation of long wavelength IR radiation through the laser techniques Quarterly report	1966
19670071478	Chemically pumped laser system Final report, 24 Jun. 1964 - 30 Apr. 1966	1966
19670071479	Blowing from a porous cone or wedge when the contact surface is straight, 15 April - 7 June 1966	1966
19670071480	Study of peripheral response to heat and cold as influenced by environment Final technical report, 1 Nov. 1964 - 30 Aug. 1966	1966
19670071481	Development of production methods for high temperature coating of tantalum parts Final report, 1 Jun. 1963 - 1 Jun. 1965	1966
19670071482	Theoretical trajectories of charged particles in an inhomogeneous magnetic field	1966
19670071483	An assessment of the weldability, tensile and fatigue strengths of titanium - 8 percent Al - 1 percent Mo - 1 percent V	1966
19670071484	Investigation of impaction mechanisms of particles on collectors in turbulent flow Quarterly report	1966
19670071485	A technique for designing smoothing operators	1966
19670071486	Development of techniques for vapor-plating passive film components on silicon integrated circuit wafers Interim engineering report, 1 Apr. - 1 Jul. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071492	Development of an improved manufacturing process for the production of higher purity superalloy powders Interim progress report, 1 Jul. - 1 Oct. 1966	1966
19670071496	Security engineering laboratory performance test report Final report	1966
19670071497	Development of improved cutting tool materials Final technical report, 10 Oct. 1962 - 14 Jun. 1966	1966
19670071498	Investigation of hologram techniques Technical report, May - Dec. 1965	1966
19670071499	User's manual for the HATA-II computer program Technical report, 30 Jun. 1965 - 30 May 1966	1966
19670071500	Exploratory investigation of the electromagnetic characteristics of weapons systems test interference test laboratory /building 144/ Interim report, Mar. - Jun. 1966	1966
19670071501	Study of liquid propellant blast hazards Quarterly technical report, 11 Jun. - 10 Sep. 1966	1966
19670071504	Research and development on mathematical- analytical techniques in casting Final technical report, 1 Dec. 1964 - 30 Jun. 1966	1966
19670071505	Development of an improved manufacturing process for the hot extrusion of alloy steel structural shapes Interim engineering report, 1 Jun. - 31 Aug. 1966	1966
19670071506	Thermally stable polymer for electrical and electronic applications Quarterly progress report, May 1 - Jul. 31, 1966	1966
19670071507	An investigation of new materials suitable for the fabrication of space charge amplifiers Final technical report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670071508	Large segmented fiberglass reinforced plastic rocket motor cases Interim engineering report, 1 Sep. - 30 Nov. 1966	1966
19670071509	Bibliography on aeromechanics research, Defense Research Laboratory, The University of Texas	1966
19670071510	Investigation of supersonic aircraft fuel tank fire and explosion hazards Technical report, Jun. 1965 - Aug. 1966	1966
19670071512	Magnetoabsorption techniques for measuring material properties Technical report, Jan. 1965 - Jan. 1966	1966
19670071513	Associative techniques for control functions in a multiprocessor Final report, Dec. 1965 - Aug. 1966	1966
19670071515	Gridded amplifier tubes for pulsed C-band frequencies Quarterly report, 15 Jun. - 14 Sep. 1966	1966
19670071516	Statistical presentation of landing parameters for models F-4B, A-6A, A-4C, E-1B, and S-2D aircraft during field mirror landing practice at NALF, Fentress, Va.	1966
19670071518	Heat exchange during condensation of vapour in the presence of inert gas	1966
19670071519	Investigations of various types of nozzles to determine the most feasible concepts applicable to improved turbine nozzle performance at off-design pressure ratios for partial admission impulse turbines Semi- annual progress report, 1 May - 31 Oct. 1966	1966
19670071520	Study of thin film oxide electrolytes Progress report, 1 Jun. - 1 Sep. 1966	1966
19670071522	An integral equation approach to scattering from a body of finite conductivity	1966
19670071523	High-information-density storage surfaces Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670071524	Report on the effect of nuclear radiation on capacitors	1966
19670071525	Development of controllable selective amplification in silicon-based microcircuitry Interim report, Aug. 15 - Nov. 15, 1966	1966
19670071527	Non-deterministic algorithms	1966
19670071528	Develop manufacturing methods to utilize explosives as a high energy source to spot weld metals Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670071529	Effect of concentration variations on the distribution coefficient, September 1965 - May 1966	1966
19670071530	Mercury-doped germanium study program Final technical report, 1 Nov. 1965 - 31 Jul. 1966	1966
19670071531	Experiments on the aerodynamic turbulent damping of a flat membrane with fluid substrate	1966
19670071532	Phased Array Module - Mark II Quarterly progress report, 2 May - 2 Aug. 1966	1966
19670071534	Nitroso rubber expulsion bladders for nitrogen tetroxide application Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670071535	Re-Entry Physics /REP/ program Semiannual progress report, period ending Dec. 1966	1966
19670071536	A comprehensive target-signature measurement program /U/ Final report, 1 Apr. 1965 - 31 Mar. 1966	1966
19670071538	Characteristics of aircraft electrical power /U/ Interim report	1966
19670071539	Development of a supersonic transport aircraft engine, phase II-C /U/ Monthly progress report, Sep. 1-30, 1966	1966
19670071541	Image interpretation and automatic optical detection /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19670071542	Fluorinated oxidizer thrust chamber materials evaluation program, phase II /U/ Technical report, Jul. 1965 - Oct. 1966	1966
19670071543	High energy oxidizer stabilization /U/ Final report, 15 Sep. 1965 - 14 Sep. 1966	1966
19670071545	An Evaluation of Electronic Scanning Techniques Suitable for a Mobile Tactical Air Defense Radar System /U/	1966
19670071546	Diode control research Quarterly technical report, 1 Sep. - Dec. 1966	1966
19670071547	The regenerative frequency divider - Behavior in wide-band operation, design and balancing	1966
19670071548	Representation and analysis of signals. Part XXIII - On the representation of lightly damped transients	1966
19670071549	Studies to devise a process for the production of carboranes directly from simple boron starting materials Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670071551	Methods of calculating aerodynamic loads on aircraft structures. Part III - Effects of engines, stores and wing-tail interference Final report, Oct. 1964 - May 1966	1966
19670071552	Large-scale integrated circuit arrays Interim technical report, 1 Jul. - 30 Sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071553	Radioisotope thermionic generator research Quarterly technical report, 1 Aug. - 1 Nov. 1966	1966
19670071554	Relative sensitivity coefficients of elements in spark source mass spectrometry	1966
19670071555	Airborne phased array antenna signal processing techniques Final engineering report, 1 Aug. 1965 - 31 Aug. 1966	1966
19670071556	Solid state diffusion bonded tantalum alloy honeycomb panels Interim engineering progress report, 1 Sep. - 30 Nov. 1966	1966
19670071557	Quality control manual /addendum/	1966
19670071558	Fourteen hundred deg F ultrahigh strength alloy development program Technical report, Jul. 1965 - Oct. 1966	1966
19670071559	Supersonic laminar flow tube experiments Final report, Mar. 1963 - Apr. 1964	1966
19670071560	Some relevant factors in the transfer of material from STM to LTM	1966
19670071561	Central nervous system adrenal interrelations Final report, Jul. 1964 - Sep. 1966	1966
19670071562	Corrosion of stainless steels Quarterly report no. 8, 1 Jul. - 30 Sep. 1964	1966
19670071563	A two-channel audio delay machine, January 1964 - May 1966	1966
19670071564	Strengthening of chromium composites Final report, 26 Nov. 1965 - 25 Dec. 1966	1966
19670071565	The statistics of the secondary electronic emission of nickel and iron	1966
19670071566	Excess noise in semiconductors Annual summary report, 15 Nov. 1965 - 14 Nov. 1966	1966
19670071568	High performance automatic direction finder study Quarterly progress report, 15 Jun. - 14 Sep. 1966	1966
19670071570	Supersonic transport program, phase II-C PROGRAM management report	1966
19670071571	Analysis of radiation effects and modeling for reentered nuclear rocket debris Interim report, 21 Apr. - 20 Sep. 1966	1966
19670071572	Investigation, design and test of resonant combustor turbine starters Final technical report, 24 Mar. 1965 - 24 Oct. 1966	1966
19670071575	State and local government information systems - An annotated bibliography	1966
19670071576	Sequential Independent Model Block Analytical Triangulation /SIMBAT/ SUPPLEMENTAL report	1966
19670071577	Filament wound silica radome techniques Interim technical report, 15 May - 15 Aug. 1966	1966
19670071578	Simulation of blunt body pressure distributions Technical report, Mar. 1965 - 1 Feb. 1966	1966
19670071579	Control of sulfate reducing bacteria in Navy fuel systems Interim report	1966
19670071580	The spectrum of the G9 giant star Epsilon Virginis II Final scientific report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670071581	A study of ion-ion and ion-solvent interactions Final technical report, Jun. 1965 - May 1966	1966
19670071582	Study of procedures for MIG welding 5Ni-Cr-Mo-V steel	1966
19670071584	Manufacturing process development for superalloy cast parts Interim engineering progress report 1 Apr. - 30 Sep. 1966	1966
19670071585	Transistor, VHF, silicon, power linear, 30-M Hz, 100 watts PEP Final report, Jun. 1965 - 30 Jun. 1965	1966
19670071586	Lance geometric thrust alignment study Final report	1966
19670071587	The effect of environmental temperatures on the activities of certain enzymes in the plantar muscles of the hind paws of the white rat Final technical status report, 1 Oct. 1964 - 30 Sep. 1966	1966
19670071588	Nuclear magnetic resonance wide line studies of water sorption and intermolecular hydrogen bonding in high polymers - I. Cellulose Final technical report, 1 May 1964 - 30 Sep. 1966	1966
19670071589	Sparta Program Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670071590	The lifetime of AH3	1966
19670071595	Photographic material suitable for in-flight processing Quarterly progress report, 15 Sep. - 15 Dec. 1966	1966
19670071596	Computer science program Final progress report	1966
19670071599	Tectonic features of the earth's crust and upper mantle Semiannual technical report, 23 Feb. - 30 Oct. 1966	1966
19670071601	Analysis, criteria development and design of an orbital condensing heat transfer experiment Monthly progress report, 5 Jul. - 5 Aug. 1966	1966
19670071602	Supersonic transport program, phase II-C PROGRAM management report	1966
19670071603	Qualification test report for model specification S-133-112-3-17, and qualification supplement I thereof, receiver group /figure A 1473M/	1966
19670071604	Thin film photovoltaic cell array investigation Quarterly technical report, 1 Sep. - 30 Nov. 1966	1966
19670071605	Silver-zinc missile power supply Quarterly technical progress report, 1 Aug. 1966 - 31 Oct. 1966	1966
19670071606	IQSY high altitude test vehicle launching report /17 vehicles launched 17 June 1966 through 25 June 1966/ Final report, 17 Jun. - 25 Jun. 1966/	1966
19670071608	The mechanical behavior of a filled elastomer at high strain rates	1966
19670071609	Astronomical data in machine readable form	1966
19670071610	Stellar Acquisition Feasibility Flights /STAFF/ Program progress no. 45	1966
19670071611	Quarterly progress and status report, 1 April - 30 June 1966	1966
19670071612	The production and properties of ultrapure metals	1966
19670071614	SNAP-50/SPUR Quarterly technical progress report, 1 Apr. - 30 Jun. 1966	1966
19670071616	Helicopter stationkeeping system SNS-64/2-A FINAL report, 29 Jun. 1965 - 31 Jan. 1966	1966
19670071617	Calculation of underground and surface explosions Technical report, 27 Apr. 1964 - 2 Aug. 1965	1966
19670071619	Supersonic transport program, phase II-C	1966
19670071620	Fundamental research on advanced oxides Quarterly technical report, Sep. - Nov. 1966	1966
19670071621	Phase II-C Technical progress letter report, Oct. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071622	Speech, consciousness and behavior - Intracerebral electrographic studies in the human brain Final technical report, Jun. 1965 - May 1966	1966
19670071623	New switching concepts Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670071624	Improved insulators for rocket motors Quarterly progress report, 1 Sep. - 30 Nov. 1966	1966
19670071626	Multichannel multiplier phototube evaluation, phase I Final technical report, Mar. - Oct. 1966	1966
19670071627	Hyperenvironmental radome evaluation techniques Interim report, 1 Jul. - 30 Sep. 1966	1966
19670071628	Unit record techniques Quarterly report 1 Jun. - 31 Aug. 1966	1966
19670071629	Nickel ferrites - An annotated bibliography	1966
19670071630	Boost glide re-entry vehicle systems evaluation experiment Progress report, 18 Jan. 1965 - 30 Jun. 1966	1966
19670071631	Isothermal-transformation diagram for 5Ni-Cr-Mo-V steel	1966
19670071632	Rocket exhaust plume profiles Final report	1966
19670071634	Optimization of a CW plasma arc pumped laser Final technical report, 1 Nov. 1965 - 15 Oct. 1966	1966
19670071635	Fuel cells - Principle of operation, design, and present state of the art in fuel cell development	1966
19670071636	A theoretical investigation of the properties of planetary atmospheres Informal report, Jun. - Nov. 1966	1966
19670071639	Development of manufacturing methods for growing large beta-silicon carbide single crystals Summary technical report, 1 May 1965 - 31 Oct. 1966	1966
19670071646	Characteristics of aircraft electrical power /U/ Interim report	1966
19670071647	Feasibility demonstration of hybrid propulsion systems /U/ Final report, 17 Jan. - 29 Jul. 1966	1966
19670071648	Particle dynamics in plug and reverse flow nozzles /U/ Special summary technical progress report, 15 Feb. 1964 - 1 May 1966	1966
19670071650	Infrared camera tube transfer characteristics and spatial response measurements, March 1965 - March 1966 /U/	1966
19670071651	Proceedings of AIAA Second Propulsion Joint Specialists Conference. Volume IV - Solid rocket propulsion /U/	1966
19670071652	Preview of recent advances in controllable solid propellant rocket technology /U/	1966
19670071653	Applications of large solid rockets /U/	1966
19670071670	Advanced thrust chamber for space maneuvering propulsion /U/ Quarterly report, 16 Aug. - 15 Nov. 1966	1966
19670071673	Experiment critique and RVIP instrument data validation - Spectrometers /U/	1966
19670071674	RVIP/LORV data analysis, electromagnetic measurements /U/ Final report, 8 Feb. - 7 Dec. 1966	1966
19670071677	Mach number 10 static stability, axial force, and pressure distributions for damaged Sleigh Ride configurations /U/	1966
19670071681	Free radical polymerization of vinyl ferrocene /U/	1966
19670071682	Research in chemistry /U/ Quarterly progress report, Jul. - Sep. 1966	1966
19670071683	Hard limiting and its effect on ground clutter /U/	1966
19670071684	Evaluation of new high-energy ingredients in solid propellant formulations /U/ Final report, 1 Mar. 1965 - 31 Aug. 1966	1966
19670071685	Solid propellant synthesis and evaluation /U/ Semiannual report, 1 Jan. - 30 Jun. 1966	1966
19670071687	Development of cast-in-case end-burning charges. I - Released liner technique /U/	1966
19670071688	A demonstration of the feasibility of an area-search helicopter-borne AMTI radar /U/	1966
19670071689	Chlorine pentafluoride handbook /U/	1966
19670071690	Supersonic transport propulsion, phase IIC /U/ Monthly technical progress report, Oct. 1966	1966
19670071691	Supersonic transport propulsion, phase IIC /U/ Monthly technical progress report, Sep. 1966	1966
19670071692	Advanced cryogenic rocket engine program staged-combustion concept /U/ Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670071693	Hypervelocity range program /HYRAP II/ /U/ Technical progress report, 1 May - 31 Aug. 1966	1966
19670071694	Research in high-energy propellant ingredients. Volume I - Evaluation of LMH-1 as a solid propellant fuel /U/ Final report, 1 Mar. 1963 - 3 Nov. 1966	1966
19670071695	Research in high-energy propellant ingredients. Volume II - Evaluation of LMH-2 as a solid propellant fuel /U/ Final report, 1 Mar. 1963 - 3 Nov. 1966	1966
19670071696	Research in high-energy propellant ingredients. Volume III - Evaluation of Domino compounds in solid propellants /U/ Final report, 1 Mar. 1963 - 3 Nov. 1966	1966
19670071698	Development of a supersonic transport aircraft engine, phase II-C /U/ Monthly progress report, 1-31 Oct. 1966	1966
19670071699	Development of high-energy metallized propellants /U/ Final report, 1 May 1965 - 31 Aug. 1966	1966
19670071700	A study of the effects of engine parameters on two-phase flow performance losses using N2O4/Alumizine propellants /U/ Quarterly report, 1 Sep. - 20 Nov. 1966	1966
19670071701	Development of a miniature high frequency response pressure transducer Final report, 15 Dec. 1964 - 15 Dec. 1966	1966
19670071702	Development of welding procedures and filler materials for joining high strength low alloy steels Summary report, Jul. 1965 - Aug. 1966	1966
19670071703	Processing and properties study of IR windows Final report	1966
19670071704	Absorption, photoionization, and fluorescence of CO and CO2 in the 600 to 1000 angstrom region, June 1964 - December 1965	1966
19670071705	Gemini propulsion system pilot safety techniques	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071708	Parts reliability and application notebook. Volume II - Sections III, IV, V, and appendixes Final report, Nov. 1964 - Dec. 1965	1966
19670071709	Airdrop of electronic gear to ships on station Final technical report	1966
19670071710	Determination of elastic constants of solids, June 1965 - February 1966	1966
19670071711	Study of airborne millimeter radar techniques Final report	1966
19670071712	Human reaction to shipboard vibration, a study of existing literature	1966
19670071714	Studies of the engineering properties of frozen soils	1966
19670071715	Advanced experimental space navigation instrumentation Final report, May 1965 - Mar. 1966	1966
19670071716	Development of a numerical controlled dome forming process, addendum 1 Interim engineering progress report	1966
19670071718	Unit record techniques Quarterly report, 1 Jun. - 31 Aug. 1966	1966
19670071719	Review of Munich alkali plasma experiments in toroidal devices. Cesium plasma in the stellarator Wendelstein Wlb	1966
19670071720	Athena D-039, flight number 057 /7 November 1966/ and Athena D-041, flight number 058 /7 November 1966/ Meteorological data report	1966
19670071721	In-space propellant orientation and venting experiments, appendices to phase I Final report, 15 Mar. - 30 Sep. 1966	1966
19670071722	Broadband harmonic generators Final report, 21 Jun. 1965 - 20 Jun. 1966	1966
19670071724	Mechanical properties, including fracture toughness and fatigue, and resistance to stress-corrosion cracking of stress-relieved stretched aluminum alloy extrusions Quarterly report, 15 Sep. - 15 Dec. 1966	1966
19670071725	Three-hundred milliwatt X-band triode oscillator Quarterly report, 1 Jun. - 1 Sep. 1966	1966
19670071726	Effects of additives on the combustion of hydrazine Quarterly report, 2 Aug. - 2 Nov. 1966	1966
19670071727	Welded continuous frames and their components Final report, 1 Oct. 1965 - 30 Nov. 1966	1966
19670071728	Development of a power conditioning and control system for a cesium contact ion engine Final technical report, 22 Feb. - 1 Jul. 1965	1966
19670071731	Special aerological measurements at the Hohenpeibenberg Meteorological Observatory during the second year /1965/ of the International Quiet Sun Years	1966
19670071732	Temperature effects on the infrared spectra of polyfunctional alcohols Final report, 1 Sep. 1963 - 31 Aug. 1966	1966
19670071734	Protective coatings for tantalum-base alloys Final summary technical report, 1 Jul. 1965 - 30 Apr. 1966	1966
19670071736	Mobility Test Article Final Report	1966
19670071737	Study of launch facilities for improved Saturns, phase III. Volume I - MLV SAT IB-11.5 and -11.7/A/	1966
19670071738	SST phase II-C Monthly technical progress letter report, Feb. 1966	1966
19670071739	In-space propellant orientation and venting experiments, phase I Final report, 15 Mar. - 30 Sep. 1966	1966
19670071743	Development of an explosive capable of withstanding at least 600 deg F /U/	1966
19670071745	Performance Characteristics of an Air- Augmented Solid-Propellant Rocket at Mach Numbers of 0, 0.31, and 0.50 /U/	1966
19670071747	Research on the thermicon image tube /U/ Quarterly report, Apr. 10 - Jul. 9, 1966	1966
19670071749	Preliminary evaluation of a voice- communication problem encountered by personnel wearing the Navy ND-Mk V protective mask /U/	1966
19670071751	Synthesis of new fluorine compounds /U/ Final report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670071753	Continuous-wave side-looking airborne radar study /U/ Quarterly report, 1 May - 1 Aug. 1966	1966
19670071754	Project Shoal - Investigation of the use of aerial multiple-sensor reconnaissance in nuclear test site detection underground /U/ Final report	1966
19670071757	SSLV-5 No. 9 Post Firing Flight Test Report (Final Evaluation Report) and MOL-EFT Final Flight Test Report	1966
19670071758	Effect of moisture on the gelation of castable plastic bonded explosives /U/	1966
19670071759	Lance automet error analysis /U/	1966
19670071761	Hydraulic-vibration evaluation and response analysis of secondary injection, pulse ratio modulated on-off valves /Lance missile system/	1966
19670071762	Development of ultrasonic welding equipment for refractory metals Final technical engineering report, Feb. 15, 1962 - Aug. 31, 1966	1966
19670071763	Gas separation in the Ranque-Hilsch vortex tube. Model calculations based on flow data	1966
19670071764	A summary of testing of a cascaded toroidal servo in a mechanical control system	1966
19670071765	Research to determine the effects of surface catalyticity on materials behavior in dissociated gas streams Quarterly progress report, period ending 15 Dec. 1966	1966
19670071767	Ring laser techniques Interim technical report, 1 Aug. - 31 Oct. 1966	1966
19670071768	Description and calibration of the McGill distorting tunnel	1966
19670071771	Mobility Test Article /MTA/ Summary report	1966
19670071774	Research and development of localized defects and hot spots in high voltage pnpn inverter switches Quarterly progress report, 1 Sep. - 1 Dec. 1966	1966
19670071775	A point-contact method for determining the charge carrier density and mobility in thin semiconducting layers	1966
19670071776	Development of internal microwave- acoustic modulation of solid-state lasers Interim engineering report	1966
19670071777	A high power microwave diode phase shifter Quarterly progress report, 16 Jun. - 15 Sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071778	Exploratory application of filament wound reinforced plastics for aircraft landing gear Final report, 30 Jun. 1965 - 31 Jul. 1966	1966
19670071779	Study of problem areas in optical communications Technical report, Jul. 1, 1964 - Jan. 31, 1966	1966
19670071780	Digital computer program for error analysis of inertial navigation systems	1966
19670071781	Speech Transmission Laboratory Quarterly progress and status report, Jan. - Mar. 1966	1966
19670071782	Control-display pilot factors program, instrument evaluation	1966
19670071783	System test parameters document SLV-3 follow on	1966
19670071784	F-5A category II supplementary stability and control test, volume I, appendix III	1966
19670071785	Contribution to the theory of the tarnishing process, III	1966
19670071786	Compatible active thin-film integrated structures, phase II Interim technical report, May 10 - Aug. 9, 1966	1966
19670071789	Ultrasonic inspection system modification Quarterly progress report, 1 Sep. - 1 Dec. 1966	1966
19670071791	Flexible integrated solar cell array Quarterly report, 1 Sep. - 1 Dec. 1966	1966
19670071792	Boron carbide continuous filaments Summary report, Jul. 1965 - Jul. 1966	1966
19670071794	Bulk effect oscillators for frequency control Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670071795	F-5A category II supplementary stability and control test, volume II, appendix III	1966
19670071796	Combustion termination system for 120-inch- diameter solid rocket motor /Titan III-C/ FINAL report, 1 Jul. 1965 - 30 Sep. 1966	1966
19670071798	Spectroscopic investigations of a HF plasma source	1966
19670071799	The wall pressure spectrum under a turbulent boundary layer	1966
19670071800	Determination of vertical distribution of the dust extinction coefficient by light- scattering measurements up to 2440 m altitude	1966
19670071801	Inspection, maintenance and repair of inertial guidance systems, part I	1966
19670071804	Compatible active thin-film integrated structures, phase III Interim technical report, Feb. 10 - May 9, 1966	1966
19670071805	Adsorption of carbon dioxide - Particle and adsorber configuration Interim report, Sep. 1965 - Jun. 1966	1966
19670071806	Production engineering measure to increase reliability of high-reliability aluminum electrolytic capacitors Quarterly report, Jun. 20 - Sep. 20, 1966	1966
19670071808	Basic examination of the dynamics of aircraft in formation flight	1966
19670071810	Improved angular resolution techniques Final technical report, 1 Apr. - 1 Sep. 1966	1966
19670071811	Space communications Quarterly technical summary, 1 Sep. - 30 Nov. 1966	1966
19670071812	The theory of the design of rotary filamentary filters for the continuous removal of particulate from fast flowing gases	1966
19670071813	Lead sulfide	1966
19670071815	Investigation of hologram techniques Interim engineering report, 1 Apr. - 31 Jul. 1966	1966
19670071816	Low loss microwave acoustic transducers Interim technical report, 15 Jul. - 15 Oct. 1966	1966
19670071824	Stratos model TCS670-2 turbine compressor set for closed cycle gas turbine power plant Final report	1966
19670071825	Variable time optimal control	1966
19670071826	Effects of drugs on human performance - Analytic techniques, new test development, and further studies Annual report, 23 Jul. 1965 - 23 Jul. 1966	1966
19670071827	Electron tube research Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966
19670071828	An experimental divided-band amplifier using constant-resistance networks	1966
19670071829	Cascaded lossless transmission lines with lumped reactive-element imbedding	1966
19670071830	An approach to signal design for a certain class of precision tracking radars	1966
19670071831	Formulations of the mismatch filter problem using nonlinear programming	1966
19670071832	On the estimation of the random time-varying transfer function of a communications channel	1966
19670071833	Scattering function estimation	1966
19670071834	The effects of various perturbing factors on the performance of coded-pulse radar systems	1966
19670071835	Investigation for 2000 deg F power wire Final technical report, Jul. 1965 - Jul. 1966	1966
19670071836	Investigation for 2000 deg F power wire	1966
19670071837	Electrostatic deposition of high temperature dielectrics on rhodium wire Summary report	1966
19670071838	Absorption of light in gases Second semiannual technical summary report, period ending 31 Jan. 1967	1966
19670071843	Project VT/4051 Interim report, Jul. 1964 - Mar. 1966	1966
19670071844	Development and evaluation of Vocoder synthesizer for the KY-585/U Vocoder Final report, Dec. 1965 - Jun. 1966	1966
19670071847	High altitude rocket plumes Final report, 1 Jul. 1965 - 3 May 1966	1966
19670071849	Martin-Baker system performance parameters and 5000 meter barostat considerations	1966
19670071851	Formulas and ephemerides for field observations on the moon	1966
19670071856	Optical processing techniques Final technical report	1966
19670071857	A high power microwave diode phase shifter Quarterly progress report, 16 Sep. - 15 Dec. 1966	1966
19670071864	Noise measurements as a tool in electron device research Second tri-annual technical report, 1 Jun. - 30 Sep. 1966	1966
19670071865	Plan for development of a nondestructive method for determination of load-carrying capacity of airfield pavements Final report, Jul. - Nov. 1966	1966
19670071868	Topics in estimation theory	1966
19670071869	The radial distribution of emission from a cylindrical plasma	1966
19670071870	The development of a chemiluminescent light for spotting at night Final report, Apr. - Jul. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071871	Production engineering measure for ruby laser rods Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670071872	Determination of the neutron and gamma ray response functions for a stilbene spectrometer	1966
19670071873	Absorption and transmission of electromagnetic waves. Phase I - Characteristics of magnetic materials for absorber application Annual scientific report, 15 Oct. 1965 - 14 Oct. 1966	1966
19670071877	Defense Research Institute briefing on current sources	1966
19670071878	Interaction of modulated electron beams with open periodic structures	1966
19670071879	Analyses of K-surfaces of some mirror cusp type magnetic systems based on results obtained by using an electron analog device as a model	1966
19670071880	Study of grinding process as applied to high-strength and thermal-resistant alloys Interim engineering progress report, 1 Jul. - 31 Dec. 1966	1966
19670071881	Infrared intensity studies of condensed phases Final report, 1 Sep. 1956 - 30 Oct. 1966	1966
19670071882	Investigation of high-power beam plasma interactions Quarterly report, 15 Jun. - 15 Sep. 1966	1966
19670071883	Some unusual reaction of fluorketones	1966
19670071885	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Oct. - 31 Dec. 1966	1966
19670071886	The effects of electronic structure and interatomic bonding on the soft X-ray emission spectra from aluminum binary systems Summary report, Apr. 1965 - May 1966	1966
19670071887	Production engineering measures, VHF quartz crystal units, CR-/XM-38//U, 150 Mc to 200 Mc Final report	1966
19670071890	Electron paramagnetic resonance of DPPH in a weak magnetic field. Absolute measurement of the magnetic field created by a pair of Helmholtz coils	1966
19670071891	Vertical array teleseismic signal measurements	1966
19670071892	Stimulated Raman scattering	1966
19670071893	Operator method of solution for beams on an elastic foundation loaded by transverse and longitudinal forces	1966
19670071894	Certain hormonal changes in pilot students during first flights on jet aircraft	1966
19670071895	Electron-microscopic surface investigations on CdS monocrystals	1966
19670071896	Microbiological corrosion Selected parts	1966
19670071897	Synthetic linear polymers. XIII - Dependence of the refraction coefficient of polymer homologous compounds on the mean molar weight	1966
19670071898	Acicular crystals	1966
19670071899	Certain physical problems of physiological optics	1966
19670071900	Hello Sputnik	1966
19670071901	Application of the Laplace transform and the theory of step functions in the theory of beams with varying rigidity	1966
19670071902	Magnetic antennas for short waves	1966
19670071903	Space simulation requirements for proton and ultraviolet irradiation	1966
19670071904	Aerodynamic characteristics of basic and modified Arapaho "C" test vehicle configurations at Mach numbers from 2.5 to 5	1966
19670071905	Change of microwave polarization in passage through a low-pressure plasma	1966
19670071906	Thin film accelerated life tests Final report	1966
19670071907	Semiconductor and O-type amplifier investigations Quarterly progress report, 1 Mar. - 1 Jun. 1966	1966
19670071908	Research on improved epoxy resins Quarterly progress report, 1 Aug. - 1 Nov. 1966	1966
19670071909	The effect of copper on the metallography and strengthening mechanisms in a 0.3 percent carbon steel	1966
19670071915	Radiation effects in III-V compounds Technical report, Jan. 1964 - Nov. 1966	1966
19670071916	Thermal stress and transient behavior and thermal fatigue criteria for marine recuperators Quarterly progress report, 1 Oct. - 31 Dec. 1966	1966
19670071919	Research in thermoelectric materials Final report, Mar. - Sep. 1966	1966
19670071920	Investigation of the thermal and optical energy gaps in Pb _{0.93} Sn _{0.07} Te and Pb _{0.85} Sn _{0.15} Te	1966
19670071921	Interaction between compositional changes and extrinsic and intrinsic behavior in PbTe	1966
19670071922	Optimization of the figure of merit of Pb _{0.66} Sn _{0.34} Te and Pb _{0.71} Sn _{0.29} Te	1966
19670071923	Research and development programs Quarterly report, Jul. - Sep. 1966	1966
19670071924	Exploratory development	1966
19670071925	Hydrogen jet penetration studies /experimental/	1966
19670071926	Two-dimensional mixing studies	1966
19670071927	Metal deformation processing, volume II	1966
19670071928	Theory of plasticity	1966
19670071929	High-velocity forming	1966
19670071930	Work-hardening mechanisms in metals	1966
19670071931	Shear forming and spinning of metals	1966
19670071932	Friction and wear in metal-deformation processes	1966
19670071933	Rod, wire, and tube drawing	1966
19670071934	Applications of static high pressure to the forming of metals - Hydrostatic extrusion	1966
19670071935	Project Squid Semiannual progress report, 1 Apr. - 30 Sep. 1966	1966
19670071936	Fundamental investigation of nonsteady and nonequilibrium flow	1966
19670071937	Theoretical study of the blunt body problem in exothermic flow	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071938	Shock wave separation in gas mixtures	1966
19670071939	Atomic and molecular collisions	1966
19670071940	Research on thermodynamic and transport properties of gases at high temperatures and pressures	1966
19670071941	Mass spectrometric study of drift velocities, diffusion, and reactions of ions in gases	1966
19670071942	Convective electric discharge phenomena	1966
19670071943	Magnetohydrodynamics of partially ionized gases	1966
19670071944	Heat transfer to a supersonic dissociating gas	1966
19670071945	Chemi-ionization	1966
19670071946	Investigation of reaction kinetics in high-temperature gases	1966
19670071947	Chemi-ionization and ion-molecule reactions in electric discharges	1966
19670071948	Chemical kinetics and gas dynamics of atom and free-radical reactions	1966
19670071949	Solid-propellant flame mechanisms	1966
19670071950	Piecewise-linear switching surfaces for minimum time control	1966
19670071951	Hull characteristics subroutine WPLANE - Ship design computer program	1966
19670071952	Hull characteristics subroutine WPLANE - Ship design computer program	1966
19670071954	Optical technology program Interim technical report, 1 Oct. - 31 Dec. 1966	1966
19670071955	Millipound thrust electric propulsion	1966
19670071956	Rate gyro evaluation, American Chain and Cable model 54	1966
19670071958	An experimental investigation of the statistics of diffusely reflected coherent light	1966
19670071959	Development of new and improved forging lubricants Interim engineering progress report, 1 May - 31 Dec. 1966	1966
19670071961	Collision avoidance visibility	1966
19670071962	Polyphenylene resin /aromatic/ Interim progress report, 1 Oct. - 31 Dec. 1966	1966
19670071963	Effect of laminar flow control on the interaction of an impinging shock wave with a laminar boundary layer at Mach numbers from 2.5 to 3.5 and Reynolds numbers between 10 and 26 times 10 ⁶ Final report, May 1964 - Aug. 1965	1966
19670071964	Development of a Ku-band crossed-field amplifier /500 watt tube/ Final report, 1 Jul. 1964 - 15 Oct. 1966	1966
19670071965	A contribution to the structure and design of thin-walled construction parts of glass-fiber reinforced plastic laminates subjected to axial and tangential stresses	1966
19670071966	Integrated solid state circuit EMI SUSCEPTIBILITY investigation Interim report, 15 Jun. - 15 Dec. 1966	1966
19670071967	Research on control of forced vibration in machine tool/metal cutting systems Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19670071968	A study of the transient behavior of propellant grains under dynamic loads by means of the Moire technique	1966
19670071970	Concerning the elementary regions in uniaxial ferromagnetic monocrystals	1966
19670071972	Production engineering measure for a germanium pnp power transistor, volume I Final engineering report, 14 Apr. 1965 - 14 Jul. 1966	1966
19670071974	Decision-adaptive FSK receivers	1966
19670071975	An arc plasma channel for testing of reentry boundary layer instrumentation Technical report, Sep. 1965 - Sep. 1966	1966
19670071976	Lamellar eutectic growth	1966
19670071977	Production engineering measure, transistor VHF, silicon, power 25 watt, 100 Mc Quarterly report, 1 Apr. 1965 - 31 Jul. 1966	1966
19670071978	Investigation of magnetically induced ionization in magnetohydrodynamic generators Annual report, 1 Nov. 1965 - 30 Oct. 1966	1966
19670071979	Self-organizing control of aircraft pitch rate and normal acceleration Final technical report, 3 May 1965 - 28 Feb. 1966	1966
19670071980	Electrical and operating characteristics of the Mark III controller	1966
19670071981	Preliminary reliability assessment of the probability state module for an adaptive flight control system, appendix B	1966
19670071982	Preliminary reliability assessment of the performance assessment module for an adaptive flight control system, appendix C	1966
19670071983	Preliminary reliability assessment of parallel PSV modules and parallel PA/PSV NETWORKS for an adaptive flight control system	1966
19670071984	Automatic attainment of stick force per "G" characteristics using pitch rate control	1966
19670071985	Proceedings of the Twentieth Annual Frequency Control Symposium	1966
19670071986	X-ray diffraction study of vibrational modes	1966
19670071987	Characteristics of the electrostrictor as a lumped electrostrictive active resonator	1966
19670071988	The force sensitivity of at-cut quartz crystals	1966
19670071989	Transient reactions to stress changes in vibrating crystal plates	1966
19670071990	Crystals and filters - The state of the art in Europe	1966
19670071991	Radiation effects in frequency control devices	1966
19670071992	Improved VHF filter crystals using insulating film techniques	1966
19670071994	Comments on unwanted responses in VHF CRYSTALS	1966
19670071995	Discussion of 3.0 Mc, SSB crystals precise and uniform	1966
19670071996	Aging of aluminum plated 3 Mc semi-precision resonators	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071997	Aging characteristics of quartz crystal resonators	1966
19670071998	Quartz crystal life test data	1966
19670072000	Microminature cold weld crystal units	1966
19670072001	Studies in the mathematical theory of vibrations of crystal plates	1966
19670072002	High frequency crystal filters employing multiple mode resonators vibrating in trapped energy modes	1966
19670072003	High frequency monolithic crystal filters with possible application to single frequency and single side band use	1966
19670072004	Incorporation of multi-resonator crystals into filters for quantity production	1966
19670072005	Tolerance considerations in crystal filter design	1966
19670072006	A temperature compensation technique for crystal filters	1966
19670072007	High-power maser atomic frequency standards	1966
19670072008	Stark-filtered intensity-pumped maser atomic frequency standards	1966
19670072009	Millimeter and submillimeter wave molecular beam investigations	1966
19670072010	Studies of field effect transistors for use in atomic beam tube detectors	1966
19670072011	Servo-controlled hydrogen maser cavity tuning	1966
19670072012	A thallium atomic beam tube for frequency control	1966
19670072014	The Canadian cesium beam frequency standard	1966
19670072015	Performance characteristics of a portable cesium beam standard	1966
19670072016	Measurement of mode parameters by sweep frequency methods in the frequency range from 20 to 250 MHz	1966
19670072017	Spurious oscillation in crystal oscillators	1966
19670072018	Generation of selectable precise fractional frequency offsets	1966
19670072019	Low power crystal ovens	1966
19670072020	Programmed oscillators for Doppler radar systems	1966
19670072021	A digital servo for frequency and time scale conversion	1966
19670072022	Time synchronization of remote clocks using dual VLF transmissions	1966
19670072023	Use of Loran-C for timing and frequency comparison	1966
19670072024	Sidereal time standard by the National Radio Astronomy Observatory	1966
19670072025	An analysis of a low information rate time control unit	1966
19670072026	Precision frequency measurement of satellite emitted beacon signals	1966
19670072027	Experimental frequency-measuring receiver system	1966
19670072028	Digital and automatic printing frequency counter system	1966
19670072029	A new instrument for automatic measurement of microwave frequencies	1966
19670072031	A game theory analysis of proposed strategies of an aerial search for a mobile surface target	1966
19670072032	Performance analysis of two reaction turbines	1966
19670072033	Experiments in numerical forecasting of tropical storm movement	1966
19670072035	Study of helicopter transmission ground test requirements	1966
19670072036	Sequential Independent Model Block Analytical Triangulation /SIMBAT/, appendix C. Volume I - Program operation, Honeywell 800	1966
19670072038	An investigation of factors which degrade phase accuracy in a VLF relative navigation system	1966
19670072039	Spectrophotometry of atmospheric phenomena at high latitudes - Vela Final report, 15 Sep. 1964 - 15 Sep. 1965	1966
19670072043	Development of new techniques for the improvement of crossed-field amplifiers Quarterly report, 15 Jun. - 14 Sep. 1966	1966
19670072044	Noise generation in a Penning discharge	1966
19670072047	Properties of photodetectors /photodetector series, 72nd report/	1966
19670072049	Feasibility demonstration for direct chamber bleed hot gas secondary injection thrust vector control. Volume III Appendixes Final report	1966
19670072050	Equations for optimization of design point performance of gaseous secondary injection thrust vector control system, appendix I	1966
19670072051	Gaseous secondary injection thrust vector control design point study, appendix II	1966
19670072052	Prediction of SITVC performance for injectant flow regimes and prediction of nozzle wall pressures for the demonstration motor design point condition, appendix III	1966
19670072053	Analysis of hot gas valve component test results and prediction of chamber bleed SITVC performance for the LPC L-73 156-inch rocket motor, appendix IV	1966
19670072054	Analysis of the LPC L-73 rocket motor thrust vector control performance, appendix V	1966
19670072055	The chemistry of rare gases Final report, Oct. 1, 1964 - Sep. 30, 1966	1966
19670072059	The electrohydrodynamic generation of charged droplet beams Technical report, Jun. 1963 - Jun. 1966	1966
19670072060	Quarterly status report, 1 April - 30 June 1966	1966
19670072061	Plasma physics and quantum electronics	1966
19670072062	Radioscience	1966
19670072063	Solid-state electronics	1966
19670072064	Systems theory	1966
19670072065	Human performance reports, autumn 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072072	Development and/or establishment of processes to fluxless braze complex structures of aluminum alloys Interim engineering progress report, 16 Sep. - 15 Dec. 1966	1966
19670072074	Addition and substitution products of oxygen fluorides Final report, Jan. 1, 1960 - Sep. 1, 1966	1966
19670072076	Engineering methods for the design and selection of materials against fracture Final report	1966
19670072077	EPR frequency-selective limiter Final report	1966
19670072078	Stainless-steel-lined, glass-filament-wound tanks for propellant storage Technical report, Jan. - Jul. 1966	1966
19670072080	Evaluation of oxide laser hosts Final technical summary report, period ending 31 Oct. 1966	1966
19670072082	Investigation of the use of transistor structures for producing inductance Third interim engineering report, 5 Jun. - 5 Oct. 1966	1966
19670072083	Correcting for the pattern distortion effects of mutual coupling in antenna arrays	1966
19670072085	True temperature coefficients of the electric tension of individual electrodes Final technical report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670072086	Dynamic analysis of an elastic, orthotropic pinned cylinder	1966
19670072087	Methods of calculating aerodynamic loads on aircraft structures. Part I - Wing-body interference effects Final report, Jan. 4, 1965 - Jan. 3, 1966	1966
19670072089	Summary of plan for development of a nondestructive method for determination of load-carrying capacity of airfield pavements	1966
19670072091	High-power magnetron injection gun noise study Triannual progress report no. 1, May 1 - Sep. 1, 1966	1966
19670072094	Exoskeleton prototype project Final report on phase I	1966
19670072095	Supersonic transport program, phase II-C PROGRAM management report	1966
19670072096	A new form of representation stochastic integrals and equations	1966
19670072097	Advanced aircraft fuel system simulator modification and performance report	1966
19670072098	Research and development of a control-display subsystem for tactical V/STOL weapon system Final report, May 1965 - May 1966	1966
19670072099	Production engineering measure for insulated gate field effect transistors Third quarterly progress report, 31 May - 31 Aug. 1966	1966
19670072100	Development of hypervelocity guns using a capacitive energy source	1966
19670072101	Application of physical metallurgy to refractory metal processing Summary technical report, 1 Sep. 1964 - 31 Aug. 1965	1966
19670072102	Reciprocal self-latching ferrite devices Interim report	1966
19670072103	Aerobee AF 3.267 /16 November 1966/ Meteorological data report	1966
19670072105	Sequential independent model block analytical triangulation, appendix C. Volume II - Program documentation - Honeywell 800	1966
19670072108	Optical discrimination system data flow and coordinate systems	1966
19670072110	Time to first failure for various distributions of time to failure Technical report, 1 Jan. - 31 May 1966	1966
19670072111	Application of a powder lubrication system to a gas turbine engine Progress report, Jul. - Oct. 1966	1966
19670072113	The hydrothermal growth of large ruby crystals Interim engineering progress report, 15 Jul. - 15 Oct. 1966	1966
19670072124	Theoretical study of very high pressure fluid power systems Final report	1966
19670072125	Microwave Research Institute Programs Summary progress research report, 1 Oct. 1965 - 15 Mar. 1966	1966
19670072126	Electromagnetics	1966
19670072127	Plasma electrophysics	1966
19670072128	Solid state and materials research	1966
19670072129	Networks and waveguide techniques	1966
19670072130	Communications	1966
19670072131	Systems and control	1966
19670072132	Spectrum signature of radio beacon AN/APN-69 Technical report, 9-23 Sep. 1966	1966
19670072133	Thermally stable polymers for electrical and electronic applications Final report	1966
19670072134	Transaction of the Kiev order of Lenin Polytechnic Institute Selected articles	1966
19670072135	Symmetrical deformation of structurally orthotropic conical shells	1966
19670072136	Matrix-form calculation for structurally orthotropic shells of revolution	1966
19670072137	Doppler optical navigator Interim engineering report, 1 Aug. - 31 Oct. 1966	1966
19670072146	Experimental approaches to the study of psychological stress	1966
19670072147	Relations between actual and estimated effects of central nervous system stimulants and depressants	1966
19670072148	Comparative studies of sensory relatedness of odours	1966
19670072149	Perceived brightness as a function of time of dark-adaptation	1966
19670072150	An experimental study of ablation materials under high-shear environments /Task 4.0 - Materials testing - REST program/	1966
19670072151	Thermochemistry of selected compounds Quarterly letter report, 16 May - 15 Aug. 1966	1966
19670072152	Sixty-four foot ultra precision parachute Final report	1966
19670072165	Array research - Generalized horizontal- vertical interpolation arrays	1966
19670072166	Development of microelectronic 11-bit digital-to-synchro and synchro-to-digital converters Final report	1966
19670072168	Unconventional laser absorption and excitation phenomena Technical report, 1 Nov. 1965 - 1 May 1966	1966
19670072169	Covalent bonding and its effects on magnetic ions in crystals	1966
19670072170	Charge transfer spectra	1966
19670072171	Preparation of charge transfer materials	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072172	Excited state absorption	1966
19670072173	Fluorescence studies of energy transfer between single and pair Cr 3plus systems in Al2O3	1966
19670072174	Reabsorption effects of fluorescence in ruby	1966
19670072178	Design and fabrication of optical filters for selected laser frequencies Technical report, Mar. 1965 - Aug. 1966	1966
19670072180	Thermomechanical treatments applied to ultrahigh strength steels Final report	1966
19670072181	Adverse weather tests of the C-141A aircraft	1966
19670072182	Measurements in the near wake of a cone at Mach 12	1966
19670072183	A compatibility study of SiC and B fibers in Be, Fe, Co, and Ni matrices, February - August 1966	1966
19670072184	Design of hydrogen-oxygen capillary type fuel cell Final technical report, 1 Feb. - 15 Oct. 1966	1966
19670072185	Propagation studies for RFD. Volume II - High frequency backscatter studies Final report, Aug. 1964 - Feb. 1966	1966
19670072196	Infrared to visible conversion in luminescent and semiconducting crystals Interim annual progress report	1966
19670072197	Foreword	1966
19670072198	Electronic transport in graded-band-gap semiconductors, appendix I	1966
19670072199	Anti-Stokes' light converter based on graded-band-gap material, appendix II	1966
19670072200	Theoretical studies of the atmospheric boundary layer Final report, Mar. 1964 - Aug. 1966	1966
19670072201	A two-dimensional, time dependent numerical model of atmospheric boundary layer flow over inhomogeneous terrain, part I	1966
19670072202	A two-dimensional, steady state numerical model of atmospheric boundary layer flow over inhomogeneous terrain, part II	1966
19670072203	The response of the atmosphere to a localized heat source at the Earth's surface, part III	1966
19670072204	Archives of mechanical engineering Selected articles	1966
19670072205	Air-cooled rotor discs of uniform strength	1966
19670072206	Plastic strains and strains of expanded multilayer cylindrical pressure vessels	1966
19670072207	Influence of the nonuniformity of the velocity of convection of eddies behind a harmonically vibrating airfoil on the aerodynamic forces acting on the airfoil	1966
19670072208	Reports of Bulgarian Academy of Sciences Selected articles	1966
19670072209	Smooth change in the total electron-volume in the ionospheric E-layer	1966
19670072210	The influence of high-altitude variations, impact coefficient and operating frequency on the electron density in the D-region	1966
19670072227	Investigations on the induction of dorsiventrality in fern prothallia	1966
19670072240	Cryogenic storage system study program /AES PAYLOADS/ Summary technical report, 1 Feb. - 1 Aug. 1966	1966
19670072243	Microwave device techniques for aerospace surveillance Quarterly status report, 1 May - 31 Jul. 1966	1966
19670072244	Thin film transducers	1966
19670072245	Parametric amplification of acoustic waves	1966
19670072246	Carrier wave propagation in semiconductors	1966
19670072247	Whistler mode propagation in solids	1966
19670072248	Periodic ferrite delay lines	1966
19670072249	Adiabatic magnetoelastic conversion in the time domain	1966
19670072250	Theory of the Gunn effect	1966
19670072251	Guided acoustic waves	1966
19670072252	Double-ended YIG variable delay line	1966
19670072253	Transducer Information Center /TIC/ MONTHLY technical report, 15 Oct. - 14 Nov. 1965	1966
19670072254	High-strength steels	1966
19670072255	Two-dimensional airfoil literature survey	1966
19670072257	Synthesis of gaseous disinfectants Quarterly technical report, Sep. 15 - Dec. 15, 1966	1966
19670072258	Supersonic transport program, phase II-C PROGRAM management report	1966
19670072259	Preliminary nuclear radiation damage study on a high-precision, remotely settable, electronic timer system	1966
19670072260	Program management report	1966
19670072261	High temperature protective coatings for graphite Summary technical report, 1 Jun. 1965 - 31 May 1966	1966
19670072262	Research requirements for predicting operator performance in air/sea craft	1966
19670072263	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Sep. - 30 Nov. 1966	1966
19670072264	Military pyrotechnics. Part V - Bibliography Engineering design handbook	1966
19670072270	Physical properties of refractory materials Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670072271	Tunable solid state generator Final report, 1 Jun. 1965 - 31 May 1966	1966
19670072272	Aerodynamic gas spike for re-entry vehicle communications studies Interim technical report, 1 Jul. - 30 Sep. 1966	1966
19670072274	High resolution lenses Quarterly report, 1 Aug. - 31 Oct. 1966	1966
19670072275	Improved ceramic substrate for thin film microassemblies Quarterly progress report, 28 Jun. - 27 Sep. 1966	1966
19670072277	Nitroso rubber expulsion bladders for nitrogen tetroxide application Quarterly report, 1 Jun. - 31 Aug. 1966	1966
19670072278	Synthesis and characterization of electronically active materials Technical report, May 16 - Nov. 15, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072279	Vapor-phase growth and properties of high- purity GaAs and GaAs Gunn devices	1966
19670072280	Vapor-phase growth of p-n junctions in GaAs _{1-x} P _x alloys and properties of room-temperature injection lasers	1966
19670072281	Twins and stacking faults in vapor-phase-grown GaAs	1966
19670072282	Preparation of /100/-oriented foils of GaAs for transmission electron microscopy	1966
19670072283	Electroluminescent properties of vapor phase- grown GaAs _{1-x} P _x alloys	1966
19670072284	Trapping phenomena in GaAs _{1-x} P _x alloys	1966
19670072285	Vacuum deposition of epitaxial silicon	1966
19670072286	Preparation of Ge-Si alloy crystals	1966
19670072287	Acoustoelectric noise power from CdS	1966
19670072288	Pressure-sintered multiphase materials for electronic applications	1966
19670072289	Preparation and properties of eutectic Bi-MnBi single crystals	1966
19670072293	A simulation study of multi-sensor target recognition /U/ Final report, s May - 5 Nov. 1965 a simulation study of multi-sensor target recognition /U/ Final report, 5 May - 5 Nov. 1965	1966
19670072294	Flight test evaluation report for flight test missile 2033 /U/	1966
19670072295	Flight test evaluation report for flight test missile 460 /U/	1966
19670072296	Flight test evaluation report for Flight Test Missile 461 /U/ flight test evaluation report for Flight Test Missile 461 /U/	1966
19670072297	ASSET. Volume I - Program final summary, April 1961 - December 1964 /U/	1966
19670072298	Flueric temperature measurement and control /U/	1966
19670072309	Flight test evaluation report for flight test missile 2049 /U/	1966
19670072329	Noise in wavefront-reconstruction imaging, with application to imaging optical radars	1966
19670072330	A portable gallium-arsenide laser radar	1966
19670072331	Class B microelectronic servo amplifier Final technical report	1966
19670072334	Identification and determination of the effect of foreign materials on the performance of RDX in linear shaped charges Final report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670072338	Aircraft ground-flotation investigation. Part IX - Data report on test section 8	1966
19670072339	Engineering properties of ceramics - Databook to guide materials selection for structural application Final report, Mar. 1965 - Jun. 1966	1966
19670072340	Radar	1966
19670072342	The role of the gyroscope in the guidance systems of a projectile	1966
19670072343	Effect of base bleed exit area on base drag with simulated rocket exhaust at Mach numbers 2.5, 3.0, and 3.5	1966
19670072344	Hemisphere-cylinder pressure distributions at supersonic and hypersonic Mach numbers	1966
19670072345	VKF Aerophysics Branch test unit descriptions	1966
19670072346	A survey of the feasibility of an analytical approach to die design in closed-die forging	1966
19670072347	Absorption and transmission of electromagnetic waves. Phase IV - Complex permeability and permittivity of absorber materials in the frequency range from 108 - 1011 Hz Annual scientific report, 15 Oct. 1965 - 14 Oct. 1966	1966
19670072348	Absorption and transmission of electromagnetic waves. Phase II - Electromagnetic energy absorption characteristics of magnetic materials Annual scientific report, 15 Oct. 1965 - 14 Oct. 1966	1966
19670072351	Performance of a centrifugal air compressor plant at low pressures	1966
19670072352	Diffuser performance of the PWT 1-foot supersonic tunnel for two diffuser centerbody configurations of different length	1966
19670072353	Electromagnetic compatibility prediction studies Final report, Aug. 1965 - Sep. 1966	1966
19670072354	Investigations of electric arcs under conditions of weightlessness	1966
19670072355	Syntheses of conjugated imidazoles	1966
19670072356	Analysis of certain problems pertaining to the operation of a dc MHD generator	1966
19670072357	On the question of the temperature of a spark discharge in liquid	1966
19670072358	Economic feasibility of microwave power transmission in circular waveguide	1966
19670072361	Aircraft ground-flotation investigation. Part XV - Data report on test section 14A	1966
19670072362	Aircraft ground-flotation investigation. Part XVII - Data report on section 16	1966
19670072363	Aircraft ground-flotation investigation. Part XVI - Data report on test section 15	1966
19670072365	Determining the constants for a multi-axis satellite tracking device	1966
19670072366	Microwave nanosecond pulse generator study Interim report, Feb. - Aug. 1966	1966
19670072367	Trails of an SR.N5 hovercraft in northern Canada, spring 1966	1966
19670072368	Vacuum-degassed steels from the consumer's viewpoint	1966
19670072369	Jet engine exhaust smoke	1966
19670072371	RADC unanalyzed nonelectronic part failure rate data Interim report, Jul. - Nov. 1966	1966
19670072372	Design charts for the subassembly method of designing unbraced multi-story frames	1966
19670072373	Thermodynamic properties of selected light- element and some related compounds Preliminary report	1966
19670072374	A humidity control system for a small chamber	1966
19670072377	An investigation of carbon deposition in chars Final report	1966
19670072378	Development of a high temperature liquid metal solution calorimeter Technical report, Jul. 1965 - Sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072379	Electron collisions with positive ions	1966
19670072380	Two-photon absorption laser detection technique Interim engineering report, 15 Jun. - 15 Sep. 1966	1966
19670072381	Molecular flow and the effusion process in the measurement of vapor pressures Progress report, 1 May - 31 Jul. 1966	1966
19670072382	Molecular flow and the effusion process in the measurement of vapor pressures Progress report, 1 Aug. - 31 Oct. 1966	1966
19670072383	Development of on-line system for computer aided design of integral circuits Interim engineering progress report, 1 Sep. - 30 Nov. 1966	1966
19670072384	Annual Research Progress Report, 1 July 1965 - 30 June 1966, part II	1966
19670072387	Development of long-duration explosive loading techniques and response of simple structures to pulse loads Final report, 16 Mar. 1964 - 30 Jun. 1965	1966
19670072388	Development of fatigue data for several alloys for use in aerospace design Progress report, Mar. - Jun. 1966	1966
19670072389	A study of the logistics support of the Titan III booster system at the Western Test Range	1966
19670072390	Development and evaluation of diffusion bonded laminated sections Interim progress report, 1 Oct. - 31 Dec. 1966	1966
19670072391	Electrophoretic deposition of refractory metals coatings Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670072392	Mark 17 breadboard test report of electronics package	1966
19670072393	Thin layer capacitance in microelectronics	1966
19670072394	Meteorological observations in Canada Monthly record, Jun. 1966	1966
19670072396	Slotted radar antenna	1966
19670072397	Manufacturing plan - Nuclear module, volume I	1966
19670072398	Electronic Component Research and Development Committee Progress report, 15 Mar. - 15 Dec. 1966	1966
19670072399	Study of Saturn V with 4 260-inch diameter solid propellant motors	1966
19670072401	Aircraft ground-flotation investigation. Part XII - Data report on test section 12	1966
19670072402	Aircraft ground-flotation investigation. Part XI - Data report on test section 10	1966
19670072403	Aircraft ground-flotation investigation. Part XVIII - Data report on test section 17	1966
19670072408	Aircraft ground-flotation investigation, Part XIV - Data report on test section 14	1966
19670072412	Unconventional laser absorption and excitation phenomena Interim technical report, May 1 - Nov. 30, 1966	1966
19670072413	Production of high-purity thermal control coatings Interim engineering progress report, 1 Sep. - 30 Nov. 1966	1966
19670072414	Absorption and transmission of electromagnetic waves. Phase III - Inhomogeneous foil absorbers with dielectric and magnetic losses Annual scientific report, 15 Oct. 1966 - 14 Oct. 1966	1966
19670072415	Absorption and transmission of electromagnetic waves. Phase V - The problem of higher order modes in measurement systems Annual scientific report, 15 Oct. 1965 - 14 Oct. 1966	1966
19670072417	The interaction of microwave energy with bulk semiconductor plasmas Final report, Jun. 1, 1965 - Aug. 31, 1966	1966
19670072418	Evaluation of detection devices /biological/ Quarterly report, 20 Sep. - 20 Dec. 1966	1966
19670072420	Doppler optical navigator Interim engineering report, 1 May - 31 Jul. 1966	1966
19670072424	Subject index for survey of literature pertaining to the equatorial ionosphere and tropical communication	1966
19670072425	Parametric up-conversion of Raman radiation in KDP	1966
19670072426	Preliminary development of gust design procedures based on power spectral techniques. Volume I - Theoretical and general considerations Final report, Nov. 1964 - Mar. 1966	1966
19670072427	Study of procedures for SMA welding 5Ni-Cr-Mo-V steel	1966
19670072428	Synthesis of digital control systems using a squared-error-integral criterion	1966
19670072431	Machining data for numerical control	1966
19670072432	Aerobee NASA 4.153 GS /12 November 1966/ Meteorological data report	1966
19670072433	Meteorological data report 01101 Lance Missile no. 053, round no. 036 RGL /4 November 1966/	1966
19670072434	Basic applied research in fluid power control Semiannual progress report, 16 Oct. 1965 - 30 Apr. 1966	1966
19670072435	Modulation by water waves of radar return at vertical incidence	1966
19670072436	Temperature-millivolt conversion tables copper-constantan thermocouples 32 deg F reference temperature	1966
19670072437	Aerobee NASA 4.154 GG /21 November 1966/ Meteorological data report	1966
19670072438	Electrode migration and reaction processes occurring within alkaline-zinc batteries Quarterly technical progress report, 1 Sep. - 1 Dec. 1966	1966
19670072440	Test facilities handbook /sixth edition/	1966
19670072441	Policies and procedures, volume 1	1966
19670072442	Rocket test facility, volume 2	1966
19670072443	Large rocket facility, volume 3	1966
19670072444	Von Karman gas dynamics facility, volume 4	1966
19670072445	Propulsion wind tunnel facility, volume 5	1966
19670072446	Aerospace environmental facility, volume 6	1966
19670072447	Surface wave behavior in phased arrays Final report	1966
19670072448	Surface wave behavior in phased arrays	1966
19670072449	The input admittance to a slotted array with or without a dielectric sheet, appendix A	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072450	Dipoles in phased arrays, appendix B	1966
19670072452	Techniques for the low-temperature X-ray studies of sensitive materials	1966
19670072453	Meteorological data report 05802 Lance Missile no. 111, round no. 037 RBL /9 November 1966/	1966
19670072454	Studies of heterogeneous catalytic reaction mechanisms by deuterium tracer techniques	1966
19670072455	Laser /optical maser/ beam fusion welding Interim engineering progress report, 1 May - 31 Jul. 1966	1966
19670072456	Exclusion of 3-methoxy-4-hydroxy almond acids in pilots	1966
19670072457	Thermal stresses in viscoelastic solids	1966
19670072458	Research directed toward the development of a wrought superalloy Final technical report, 1 Jul. 1964 - Dec. 1966	1966
19670072459	Bioelectric activity in the nervous system	1966
19670072460	Microwave ferrite instruments on a 3 cm band	1966
19670072461	Description and results of a highly-directive electrically-small antenna	1966
19670072462	Electron fractography handbook. Section 6 - Specific applications of electron fractography Technical report, Jun. 1965 - Jul. 1966	1966
19670072464	Diffusion in organic crystals Semiannual technical report, 1 Apr. - 30 Sep. 1966	1966
19670072465	Diffusion studies - Tritium diffusion through anthracene	1966
19670072466	Factors influencing charge carrier trapping lifetime in organic crystals	1966
19670072467	NERVA 2 stages test requirements and ground support equipment descriptions	1966
19670072469	A study of the supply support provided by the Air Force and contractor organizations at the Air Force Eastern Test Range	1966
19670072470	CARDE - ARPA - Re-entry physics research program on turbulent wakes Semiannual progress report, 1 Jan. - 30 Jun. 1966	1966
19670072471	Experimental investigations of hypersonic, turbulent flow and laminar, leeward-side flow on flat plates Technical report, Jun. 1964 - Mar. 1966	1966
19670072472	Investigation of the influence of polymer surfaces on the textures of the cholesteric mesophase Annual technical report, Apr. 30, 1965 - Apr. 30, 1966	1966
19670072474	Some factors of the importance in establishing the ratio of negative to positive plate capacities in sealed nickel-cadmium cells	1966
19670072475	Quarterly Status Report, 1 July - 30 September 1966	1966
19670072477	Radical manual and subroutines Interim report, Jun. 1963 - Jun. 1966	1966
19670072479	Consolidated quarterly report, April 1 - June 30, 1966	1966
19670072480	Electron beam studies	1966
19670072481	Quantum studies	1966
19670072482	Plasma studies	1966
19670072484	Antenna impedance measurements during the hypersonic re-entry of a Trailblazer rocket vehicle	1966
19670072497	Effect of film resistance on low-impedance tunneling measurements, 1 July - 30 September 1966	1966
19670072498	Numerical simulation techniques for nonequilibrium effects of high- altitude nuclear detonations Final report	1966
19670072499	Twelfth Annual Army Human Factors Research and Development Conference	1966
19670072500	Keynote address - Human factors research and development in today's world crises	1966
19670072501	Social interface between U.S. troops and local peoples	1966
19670072502	Absorbitive capacities of underdeveloped communities	1966
19670072503	Culture assimilators - An approach to cross-cultural training	1966
19670072504	Training for modern combat operations	1966
19670072505	The foundations for leader training	1966
19670072506	Training for coordination within rifle squads	1966
19670072507	A case study of the development of an individual combat training program	1966
19670072508	Individualization of instruction	1966
19670072509	An application of the systems approach to instruction	1966
19670072510	After-dinner address	1966
19670072511	Problems and approaches to measurement of troop performance	1966
19670072512	Problems in measuring performance of incapacitated troops	1966
19670072513	Convergence upon a common methodology for the measurement of tactical performance	1966
19670072514	Human factors in night operations	1966
19670072515	Human factors considerations for the use of guided missiles during periods of limited visibility	1966
19670072516	Comparing theoretical night vision system limits to empirical results	1966
19670072517	Information processing in advanced computerized surveillance systems	1966
19670072518	The prediction of image interpreter performance	1966
19670072519	Development and evaluation of a new technique for measuring image quality	1966
19670072520	Error cost matrices for image interpreters	1966
19670072521	Preparation and investigation of high strength wires Technical report, 1 Jun. 1965 - 31 May 1966	1966
19670072522	Reexamination of the mercury-photosensitized oxidation of perfluoropropene - Some reactions of electronically excited oxygen molecules Technical report, 1 Feb. - 23 Sep. 1966	1966
19670072524	Thermal degradation of vinyl polymers. Part 3 - The synthesis and thermal degradation of polystyrene containing thermally weak bonds	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072526	Arctic summary. A semiannual summary of meteorological data from the Joint Arctic and other weather stations on the Arctic Islands, January to June 1966	1966
19670072528	Production engineering measure. Transistor, VHF, silicon, power /25 watt - 100 MHz/ Quarterly report, 1 Aug. - 31 Oct. 1966	1966
19670072529	An investigation of the secondary flow phenomena in a cascade of high-deflection axial-flow impulse turbine blades	1966
19670072530	Development of a manufacturing process for the electroslag melting and casting of materials Quarterly progress report, 16 Sep. - 15 Dec. 1966	1966
19670072535	The effect of filler on the mechanical properties of an elastomer at high strain rates	1966
19670072537	Deformation friction and interface shear stress in viscoelastic-elastic layered system under a moving load Interim report, 1 Jul. 1965 - 31 Aug. 1966	1966
19670072539	Desulfurization and refining of gasoline and jet fuel by means of surface-active agents in a fluidized bed	1966
19670072540	DCA research and development guide. DCS TRANSMISSION concepts, 1970-1980	1966
19670072545	Orbital experiment of a grid-sphere passive-communications satellite Final report, Feb. - Oct. 1966	1966
19670072548	Intermittent creep and stability Progress report, 15 Jan. - 15 Jul. 1966	1966
19670072549	Measurement of electrical conductivity in the wake neck	1966
19670072550	Test and evaluation of the Simmon 4-1/2 times 4-1/2 variable conversion kit for printer, type EN-52A Final technical report	1966
19670072551	Project Sophy solid propellant hazards program Progress report, 1 Sep. - 30 Nov. 1966	1966
19670072553	Research on distributed ferrites for crossed-field microwave devices Quarterly report, 10 May - 9 Aug. 1966	1966
19670072554	Zero six three zero two Lance missile no. 057, round no. 35 RML /27 October 1966/ Meteorological data report	1966
19670072555	Test and evaluation of printer, projection, Simmon Omega model D-6	1966
19670072556	Test and evaluation of color processor hyrotube model IIA Final technical report	1966
19670072557	A bibliography of active antenna systems	1966
19670072558	NAFI Microelectronics Program Final report, 1 Jul. 1959 - 30 Jun. 1966	1966
19670072561	Near-optimum schedules for MOL space experiments through a computer-aided, real-time technique	1966
19670072562	Extension of very small cylinders	1966
19670072564	Elastic deflections of a cantilever plate loaded by a concentrated force at a general point	1966
19670072565	Applications of a frame difference generator Interim technical report	1966
19670072567	Nonequilibrium effects in arc jet flow, June 1965 - August 1966	1966
19670072568	The electronic logic of a range telescope for the measurement of the isotopic abundance of energetic particles in space Technical report, Oct. 1962 - Jun. 1966	1966
19670072569	A further examination of the reaction of oxygen atoms with perfluoropropene Technical report, Mar. - Sep. 1966	1966
19670072570	Precise tactical navigation /secure/ techniques Final report, Jun. 1965 - Aug. 1966	1966
19670072571	Development of L-band solid state radiosonde transmitter Quarterly report, 1 May - 31 Jul. 1966	1966
19670072572	Development of manufacturing processes and techniques for mass memory Interim engineering progress report, 1 May - 31 Jul. 1966	1966
19670072573	Radiation effects on insulated gate field effect /MOS/ integrated circuits Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670072574	Study of airborne millimeter radar techniques Quarterly report, 21 Apr. - 21 Jul. 1966	1966
19670072575	Advanced FM demodulator Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670072576	Structural fasteners for extreme elevated temperatures Final report, Jun. 1963 - May 1966	1966
19670072577	Electronic ceramics by reactive hot pressing Semiannual report	1966
19670072579	Research on Direct Nuclear Pumping of Gas Laser /DNPGL/ Interim report, 1 May - 1 Sep. 1966	1966
19670072580	Study of high-power electrostatically focused klystrons Final report, Jul. 1964 - 28 Feb. 1966	1966
19670072581	Plastic design of multi-story frames. Ultimate strength of laterally loaded columns	1966
19670072582	Supersonic transport program, phase II-C BIMONTHLY technical progress report	1966
19670072583	Spectral factorization using the Riccati equation, 1 January - 1 November 1965	1966
19670072585	An efficient generalized solution for reacting laminar boundary layers	1966
19670072586	Effect of sulfur in JP-5 fuel on hot corrosion of coated superalloys in marine environment Progress report, 1 Jul. - 30 Sep. 1966	1966
19670072588	Symposium on Bionic Models of the Animal Sonar System, Frascati, Italy, 26 September - 3 October 1966	1966
19670072591	Development of the manufacturing capabilities of the hydrostatic extrusion process Interim engineering progress report, 1 Sep. - 30 Nov. 1966	1966
19670072592	F/RF-4C category II drag data Final report	1966
19670072594	A turbulent skin-friction law for use at subsonic and transonic speeds	1966
19670072597	The time dependence of the low energy proton belts Technical report, Jan. - Aug. 1966	1966
19670072598	Evaluation of extruded products Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670072599	Investigation of precision antenna pattern recording and display techniques, phase II FINAL report	1966
19670072600	Feasibility study of an ion-propelled Mars orbiter/lander spacecraft with solar photovoltaic power. Volume III - Spacecraft design Final report, Mar. - Sep. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072601	Feasibility study of an ion-propelled Mars orbiter/lander spacecraft with solar photovoltaic power. Volume II - Mission analysis Final report, Mar. - Sep. 1965	1966
19670072602	Feasibility study of an ion-propelled Mars orbiter/lander spacecraft with solar photovoltaic power. Volume I - Summary Final report, Mar. - Sep. 1965	1966
19670072603	Operational guide to synoptic applications of meteorological observations from satellites	1966
19670072604	The combined Royal Aeronautical Society's Centenary Congress and the Fifth Congress of the International Council of the Aeronautical Sciences	1966
19670072605	Fluidized bed techniques for coating refractory metals Interim engineering progress report no. 7, 8 Jun. - 8 Sep. 1966	1966
19670072606	Refractory metal coatings by the fused salt process Interim engineering report, 1 Jul. - 31 Oct. 1966	1966
19670072607	Development of the continuous production of metal strip and sheet by the slip casting process, phase I Interim engineering progress report, 1 May - 31 Oct. 1966	1966
19670072608	The pressure drag of an aerofoil with six different round leading edges, at transonic and low supersonic speeds	1966
19670072609	A computer program for the calculation of boundary-layer development using the turbulent energy equation	1966
19670072610	The measurement of some shock-wave shapes around simple bodies in helium flow	1966
19670072611	Measurement of the opening times of diaphragms in a shock tube and the effect of the opening process on shock trajectories	1966
19670072612	Perturbation solution to the problem of the scattering of electromagnetic waves by irregularly shaped conductors. II - General case of an arbitrarily shaped conductor	1966
19670072613	Some solid state physics in the Paris area	1966
19670072614	Evaluation of sapphire wool and its incorporation into composites of high strength Summary technical report, May 1965 - Jun. 1966	1966
19670072615	Solid state pulse compression techniques Interim technical report, 18 Jan. - 24 Aug. 1966	1966
19670072616	Investigation of the para-ortho shift of hydrogen technical report, May 1964 - Aug. 1966	1966
19670072617	Application of the Perfectly Stirred Reactor /P.S.R./ theory to analysis of one-dimensional flames	1966
19670072618	Microscopic and microchemical study of aged solid propellant grains Quarterly report, 18 Jul. - 31 Oct. 1966	1966
19670072619	F-4J airplane demonstration planning and progress report	1966
19670072620	Burner II general description, Boeing model 946 solid rocket upper stage	1966
19670072621	A drive system for a brushless, permanent- magnet D-C torque motor	1966
19670072623	Heat transfer measurements on blunt leading edges of non-uniform sweep angle	1966
19670072625	Stability analysis and network function computer program /BHA 0130/, volume I	1966
19670072626	Committee on tubing Progress report, Jul. - Nov. 1966	1966
19670072627	Program management report, phase II-C	1966
19670072628	An experimental optical polarization modulation communication system Interim technical report	1966
19670072629	A study of conical refraction Final report	1966
19670072630	Rennes and Brest Joint Bulletin no. 1	1966
19670072632	Niobium-zirconium alloys	1966
19670072633	Supersonic transport program, phase II-C BIMONTHLY technical progress report	1966
19670072636	Hot firing evaluation of spiral wound ribbon structures for transpiration/film cooling Quarterly report, 1 Jul. - 20 Sep. 1966	1966
19670072637	Compressibility effects on the infinitely wide, perfectly flexible foil bearing	1966
19670072638	Intermodulation product levels at a VHF-UHF AIR traffic control station	1966
19670072640	Solid state digital scanning of mosaic sensors Interim technical report, 1 Apr. - 31 Aug. 1966	1966
19670072641	Time-division multiplex with synchronization system	1966
19670072642	Solid state image intensifier panels Interim progress report, 30 Dec. 1965 - 30 Jun. 1966	1966
19670072643	Bremsstrahlung of slow electrons in neutral gases and free-free absorption of microwaves	1966
19670072644	Solid-state laser exploration, phase II INTERIM technical report, 1 Sep. - 30 Nov. 1966	1966
19670072645	Sixteenth Meeting of the International Committee on Thermodynamics and Electrochemical Kinetics, Budapest, Hungary, 5-10 September 1965	1966
19670072646	International Symposium on Fluid Dynamics of Heterogeneous Multi-phase Continuous Media, 3-6 October 1966, Naples, Italy	1966
19670072647	Experimental evaluation of expanded pyrolytic graphite for use in space radiators Quarterly progress report, 1 Sep. - 30 Nov. 1966	1966
19670072648	A compression heating device for agent tolerance studies. II - Oscillation damping study	1966
19670072649	Production engineering measure for improvement of production techniques to increase the reliability of silicon transistor type 2N3055 Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670072651	Formation of alkali iron sulfates and other compounds causing corrosion in boilers and gas turbines Informal letter no. 5, Nov. 1966	1966
19670072652	Supersonic transport development Eighth comprehensive technical progress report	1966
19670072653	High voltage solar cell array segment Interim progress report, 1 Oct. - 31 Dec. 1966	1966
19670072654	Expansion of optical waves in the atmosphere	1966
19670072662	Mass spectrography for the analysis of solids. II - Determination of the isotopic ratios of lead, thorium and uranium in minerals	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072663	Screening and evaluation of low-temperature fuel-resistant elastomers Interim report, 24 May - 24 Dec. 1966	1966
19670072666	Standard launch vehicle-1B wind correction program /Windcor/	1966
19670072667	Equilibrium studies of refractory nitrides. Part II - Work on BN, Si ₃ N ₄ and the Ta-N system Summary technical report, 1 Aug. 1965 - 31 Jul. 1966	1966
19670072668	Flow through micro-openings Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670072669	Electronically controlled microwave devices	1966
19670072670	Electromagnetic coupling reduction techniques Quarterly report, 15 Aug. - 14 Nov. 1966	1966
19670072671	Demonstration of 156-inch motor with segmented fiberglass case and ablative nozzle Quarterly technical report, 1 Aug. - 31 Oct. 1966	1966
19670072673	Edge restraint rolling of difficult-to-work materials Interim engineering progress report no. 1, 15 Jul. - 15 Oct. 1966	1966
19670072674	The microstructure and ductility of 17-4PH AND 15-5PH steels	1966
19670072680	Shock-shock interaction measurements in a double-driver shock tube Technical report, 12 Mar. 1964 - 31 Oct. 1966	1966
19670072681	Design review guide	1966
19670072687	Display and control requirements study for a V/STOL tactical aircraft. Volume I - Analyses Final technical report, 1 Jun. 1965 - 1 Jun. 1966	1966
19670072688	Display and control requirements study for a V/STOL tactical aircraft. Volume II - Appendixes Final technical report, 1 Jun. 1965 - 1 Jun. 1966	1966
19670072702	Research on new concepts in energy conversion Quarterly technical progress report, Sep. 1 - Nov. 30, 1966	1966
19670072705	Aircraft ground-flotation investigation. Part XIII - Data report on test section 13 Final technical report	1966
19670072706	Aircraft ground-flotation investigation. Part V - Data report on test section 4 Final technical report	1966
19670072707	Aircraft ground-flotation investigation. Part VI - Data report on test section 5 Final technical report	1966
19670072708	Microbial contamination of USAF JP-4 FUELS Final report, Aug. 1965 - Jun. 1966	1966
19670072713	Continued studies of advanced ferrimagnetic materials applied to digital phase shifters Quarterly report, 29 Aug. - 28 Nov. 1966	1966
19670072714	Study of noise reduction techniques for varactor harmonic generator type microwave sources Final engineering report, 15 Aug. 1965 - 31 Oct. 1966	1966
19670072715	Ignition and combustion of single droplets Technical report, Mar. 1964 - Dec. 1966	1966
19670072716	Subtractive light flat panel display Interim technical report, 1 Sep. - 30 Nov. 1966	1966
19670072717	Investigation of techniques to evaluate design tradeoffs in lifting reentry vehicles. Volume II - Computer program trend utilization instructions Final report	1966
19670072718	Automation of Airborne Profile Recorder data reduction Interim technical report	1966
19670072720	Electrolyte carbonate contamination versus electrical performance of sintered plate nickel-cadmium aircraft batteries Technical report, Apr. 1965 - Jan. 1966	1966
19670072721	A note on the constitutive relations for a poro-elastic solid, November 1965 - February 1966	1966
19670072722	A star tracker design for synchronous - Altitude satellites	1966
19670072723	A study of the applicability of acoustic emission to pressure vessel testing Summary report, 15 Mar. 1965 - 15 Mar. 1966	1966
19670072728	Broadband high burnout solid state integrated X-band limiter and balanced mixer Quarterly report, 1 Oct. - 31 Dec. 1966	1966
19670072729	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, Jun. 18 - Sep. 30, 1966	1966
19670072733	Tip-turbine driven lifting fans for VTOL - Estimation of fan power curve from deceleration characteristics Test report	1966
19670072741	Study of alumina as a raw material for synthetic gems /process of thermal decomposition of alum/	1966
19670072745	Skyhook Churchill 1966 Final report	1966
19670072746	Commercial supersonic transport program Phase II-C progress report, 1 Jul. 1965 - 31 Jan. 1966	1966
19670072752	The effect of applied magnetic fields upon mechanical properties of steels Summary technical report, 15 Feb. 1962 - 14 Oct. 1965	1966
19670072753	Diffusion bonding of titanium and beryllium Interim engineering progress report, 16 Aug. - 15 Nov. 1966	1966
19670072755	Nanosecond X-band pulses from snap diodes	1966
19670072756	Planar converters for radioisotope generators Quarterly progress report, 1 Aug. - 31 Oct. 1966	1966
19670072757	Improved video detectors Final report, Jun. 1965 - Jun. 1966	1966
19670072758	Wide band ferrimagnetic limiter study Final report, 1 Apr. - 15 Aug. 1966	1966
19670072759	Investigation of new concepts and linear beam techniques for microwave generation Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19670072760	Some possibilities of measuring plasma electrical parameters by means of microwaves	1966
19670072761	Fatigue testing of welded structural members	1966
19670072762	A duoplasmatron-ion source, especially for pressure tank Van-de-Graaff generator	1966
19670072763	Burner II performance handbook, Boeing model 946 solid rocket upper stage	1966
19670072764	Survey of magnetoelectric materials	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072765	Analog-to-digital and digital-to-analog converter development program Second interim engineering progress report, 1 Sep. - 30 Nov. 1966	1966
19670072766	Some solid state physics in Basel, Freiburg and Strasbourg	1966
19670072767	Electron recombination in hydrocarbon-oxygen reactions behind shock waves	1966
19670072771	Research and development on the effect and control of chatter vibrations in machine tool processes Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670072772	Stress concentration due to a rigid slippery oblate spheroidal inclusion	1966
19670072775	Analytical techniques for the determination of trace metal impurities in beryllium Final report	1966
19670072776	Variable stability demonstration program at Edwards Air Force Base	1966
19670072777	Research and development of microwave tubes and devices Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670072781	Vacuum arc thruster program, Project Vat Technical report, 15 Jun. - 9 Dec. 1966	1966
19670072787	Adaptive filters. I - Fundamentals	1966
19670072793	Evaluation of various high temperature glass fibers in textile structures with various finishes Technical report, Jul. 1964 - Sep. 1966	1966
19670072796	Physics of electron emission. Volume II - Thermionic and tunnel emission Final report, 16 Oct. 1962 - 15 Oct 1965	1966
19670072798	Electron wave interaction in solids Interim technical report, 1 Jul. - 31 Oct. 1966	1966
19670072799	Investigation of friction, wear and failure in aerospace bearings Final report, 1 Jul. 1964 - 7 Dec. 1965	1966
19670072800	Material processing and phenomena investigations for functional electronic blocks Final report, May 1965 - Jun. 1966	1966
19670072802	Study of nuclear seeded MHD plasmas Yearly summary technical report no. 1, 1 Apr. 1955 - 31 Mar. 1966	1966
19670072803	Reaction rate data for some nitrogen/ oxygen species	1966
19670072804	Manufacturing methods for high temperature coating of large columbium parts Interim progress report, 1 Sep. - 30 Nov. 1966	1966
19670072805	APL geodetic satellite project /ANNA/ STATUS report, Apr. - Jun. 1966	1966
19670072806	Influence of boost glide re-entry vehicle environment on coated and bare refractory metals Technical report, May 1965 - Feb. 1966	1966
19670072807	The role of nitric oxide in photochemistry, 1 March - 1 August 1966	1966
19670072809	Computer program for ASM midcourse guidance error analysis	1966
19670072814	Dynamic properties of rocks Final report	1966
19670072816	Coldweld hi reliability quartz crystal units, CR-1018 and CR-65/U Quarterly progress report, 26 May - 25 Aug. 1966	1966
19670072818	Development tendencies in high vacuum engineering	1966
19670072820	Cylindrical horizontal antennas with rigorous allowance for the ground influence in the VLF-region Final technical report, 1 Sep. 1965 - 31 Aug. 1966	1966
19670072828	Research on the resonant gate transistor Interim report, 1 Aug. - 31 Oct. 1966	1966
19670072829	Dispersion strengthened material evaluation program - Feasibility for structural mechanical fasteners - 1400 deg - 2200 deg F Interim technical report, Aug. - Nov. 1966	1966
19670072831	Thermatic structure test program Final technical report, Dec. 1964 - Oct. 1965	1966
19670072832	Kern theodolite Final report	1966
19670072833	Process evaluation for large solid motor cases, internal roll-extruded Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670072835	KC-135 power spectral vertical gust load analysis. Supplement results. Volume II FINAL technical report, 1 Jul. 1965 - 1 Jun. 1966	1966
19670072836	Hydrogen - JP-4 dual fuel concept for the C-5A aircraft	1966
19670072837	Low-altitude long-range all-weather vehicle interference investigation. Part II - Development of flight test instrumentation Final report, 15 Jul. 1965 - 15 Aug. 1966	1966
19670072839	Boundary-layer interaction effects in low- density supersonic flow	1966
19670072842	Effect of the outer electric field on the conductivity of gallium arsenide	1966
19670072843	Production engineering measure for low field magnetron - BL-234C Quarterly progress report, 28 Jul. - 28 Oct. 1966	1966
19670072844	Micromechanics literature survey Technical report, Mar. 1965	1966
19670072845	Specification requirements for a fluorochemical liquid for use as a dielectric cooling medium	1966
19670072847	Effect of compositional stress on impurity doping of crystals Technical report, Feb. - Aug. 1966	1966
19670072848	On the large-deflexion vibrations of elastic plates	1966
19670072850	Silver-zinc electrodes and separator research Quarterly technical progress report, 1 Jul. - 1 Oct. 1966	1966
19670072851	Tracking radar calibration using celestial radio sources S-band test plan and results Interim report	1966
19670072852	Interactions between normal shocks and boundary layers in a shock tube	1966
19670072853	Development of magnetic field instrumentation, phase II Technical report, 1 Feb. - 2 Jun. 1966	1966
19670072854	The relation between two measures of learning - Residual gain and common points of mastery	1966
19670072855	Millimeter and submillimeter device research Final progress report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670072857	Target signature measurements laboratory study Interim technical report, 1 Jun. - 30 Nov. 1966	1966
19670072858	Magnetic induction gyroscope research and development Final report	1966
19670072861	Investigations of broadband ferromagnetic power limiters and expanders as duplexing elements for microwave systems Quarterly progress report, 1 Jun. - 31 Aug. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072862	Acoustic waves and dislocation motions	1966
19670072863	The relative importance of homogeneous and heterogeneous reactions, July - August 1966	1966
19670072864	Active network synthesis using practical amplifiers	1966
19670072866	An investigation on an electronically controllable microwave window Quarterly report, 28 Jul. - 27 Oct. 1966	1966
19670072867	Handbook for systems application of redundancy	1966
19670072870	Application of inertia techniques to surveying Final technical report, 20 Dec. 1965 - 22 Jul. 1966	1966
19670072876	Investigation of cross wind effects on stable parachute point-mass systems Final report, Apr. 1965 - Apr. 1966	1966
19670072877	Conceptual flutter analyses Quarterly report, 28 Sep. - 26 Dec. 1966	1966
19670072886	Utilization of glucose by a mutant of Hydrogenomonas H16	1966
19670072891	Investigation of advanced flight control systems through application of linear sensitivity techniques, volume I Final report, Jun. 1965 - Jul. 1966	1966
19670072901	Sea level performance and operating limits of the Pratt and Whitney Aircraft J60-P-3A TURBOJET engine Final report	1966
19670072908	Sequential Independent Model Block Analytical Triangulation /SIMBAT/ Final technical report	1966
19670072910	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors Quarterly report, Sep. 29 - Dec. 29, 1966	1966
19670072912	Ultra high energy - A literature search and evaluation. Volume II - Bibliography Final report, Feb. 1 - Jul. 1, 1966	1966
19670072913	Influence of intestinal microorganisms on oxygen consumption, carbon dioxide production and body temperature Final report, 1 Jun. 1965 - 31 May 1966	1966
19670072914	Pem for filter, upper sideband /1.75 Mc/ quartz crystal filters type EL-FR/X-1/ QUARTERLY progress report, 1 Jul. - 30 Sep. 1966	1966
19670072917	Decision latencies of "same" and "different" judgments - Implications for a functional model of decision making	1966
19670072921	Low drag boundary layer suction experiments on a three-dimensional supersonic leading edge suction wing	1966
19670072926	Development and evaluation of 1200 BPS DELTA Modulation for the KY-585/U Vocoder Scientific report, 15 Dec. 1965 - 15 Jul. 1966	1966
19670072928	A handling qualities theory for precise flight path control Final report	1966
19670072929	The development of an insulated thermionic converter-heat pipe assembly Quarterly technical report, 16 Jun. - 15 Sep. 1966	1966
19670072932	An infinitely long cantilever plate loaded by an aggregate force	1966
19670072933	Theory of stationary emission of a homogeneous system in a multi-mode cavity	1966
19670072934	On the development of cracks in metal bodies	1966
19670072936	Meteorological rocket program. Volume II - Rocket components for the meteorological data sounding system AN/UMQ-7///V/	1966
19670072937	Cybernetics and engineering. Introduction to the problem of thinking automatic machines	1966
19670072938	Problems relating to amino-derivatives of metals and metalloids Final technical report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670072939	Genetic information transfer in higher organisms	1966
19670072942	Transistor, VHF, silicon, power type EL-2N /X-9/ 5 watt 500 MHz PEM QUARTERLY report, 1 Aug. - 31 Oct. 1966	1966
19670072943	Transient analysis of heat conduction through a slab by infinite series Final report, Jul. 1964 - Jul. 1966	1966
19670072944	Investigation of space package alightment dynamic load design criteria Final report, Jul. 1964 - Mar. 1966	1966
19670072946	Development of a supersonic transport aircraft engine, phase II-C. Appendix A - Control system review Monthly progress report, 1-31 Jan. 1966	1966
19670072950	A summary of similitude studies for high enthalpy hypersonic test facilities Final report 1 Mar. 1965 - 15 Feb. 1966	1966
19670072951	Systems test and evaluation report	1966
19670072956	An analysis of the magnetic effect from shower meteors	1966
19670072957	Studies and evaluations of the utilization of lasers and laser systems Engineering report, Jun. 1965 - May 1966	1966
19670072959	Maintenance-free silver-cadmium batteries for aircraft emergency applications Quarterly technical progress report, 1 Sep. - 30 Nov. 1966	1966
19670072963	Determining the feasibility of using one inch section size test coupons in evaluating heavy section HY-80 steel castings Final report, May 25, 1965 - Jul. 31, 1966	1966
19670072964	Spectroscopic Group Final technical report, 1 May 1965 - 30 Apr. 1966	1966
19670072965	Experimental studies of the Bennett pinch	1966
19670072966	Application of metal ions to detection Quarterly progress report, Jul. - Sep. 1966	1966
19670072967	Absorption spectrum of U4 plus in zircon /ZrSiO4/	1966
19670072969	Environmental tests of sled-borne digitizer Technical report, 8-15 Aug. 1966	1966
19670072970	LASA travel-time data at the SDL	1966
19670072971	Investigation of boundary layer transition in hypersonic flow at angle of attack Final report, Jul. 1964 - Aug. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072972	Investigation of response of simplified ICBM- TYPE structures to impulsive loading Final report, 16 Mar. 1964 - 15 Mar. 1965	1966
19670072973	Dielectric tape television camera Interim report May - Oct. 1966	1966
19670072974	Heat-transfer characteristics of 98 percent H2O2 at high pressure and high velocity	1966
19670072978	An analysis of the measured blast loads on 60 deg-Delta wings at a Mach number of 1.35 Final report, Jul. 1961 - Apr. 1965	1966
19670072980	Construction and optimized use of pyroelectric detection devices Interim report	1966
19670072981	Why are there still no nuclear powered rockets /ques/	1966
19670072982	Distribution of elements in the alpha and gamma phases of chrome-nickel steels with two-phase structure	1966
19670072984	One micron photodetector Final technical report, 11 Jun. 1963 - 31 Mar. 1966	1966
19670072986	Effect of MgO on the crystal growth defects and optical absorption of flux grown In2O3, 1 August - 1 October 1966	1966
19670072987	Analysis of axisymmetric shell structures under axisymmetric loading by the finite element method	1966
19670072988	Design studies for a grappling and lockon validation laboratory Final report	1966
19670072989	Tables of interplanar spacings computed for molybdenum Ka, Ka1, Ka2, and KB SUMMARY report, Mar. 1966	1966
19670072991	Investigation of bonding in oxide-fiber /whisker/ reinforced metals Quarterly report, 18 Jul. - 31 Oct. 1966	1966
19670072992	Manufacturing methods for growing large sound yttrium iron and yttrium gallium iron garnets Interim engineering progress report, 1 July - 30 Nov. 1966	1966
19670072997	Growth and properties of Mg/Sn, Pb/ single crystals Interim technical report, 17 Jun. - 17 Sep. 1966	1966
19670073000	Silicon, pnp, MEXA transistor types JAN 2N328A and JAN 2N329A Final report, 29 Nov. 1965 - 31 Dec. 1966	1966
19670073001	Ball indentation tests and the grain structure of lead	1966
19670073003	Photographic signature studies. Part 1 - Techniques. Part 2 - Signature data	1966
19670073004	Stereospecificity of hydrolytic enzymes in their reaction with optically active organophosphorus compounds. II - Synthesis and cholinesterase activity of the enantiomers of isopropyl methylphosphonofluoridate /Sarin/	1966
19670073005	Development and evaluation of forging parameters in the manufacture of conical beryllium structural shapes Interim engineering progress report, 1 May - 15 Dec. 1966	1966
19670073012	Solid state reaction of the TiO2-ZnO system	1966
19670073013	Qualification of the M-100 landing rocket Final report, Jun. 27, 1967 - Sep. 28, 1966	1966
19670073019	Pilot safety and reliability improvement	1966
19670073020	Evaluation of GE T64 engine with titanium compressor in salt laden air environment Final formal report, 10 Dec. 1965 - 9 Feb. 1966	1966
19670073021	Materials research at Stanford University Annual report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670073025	NASA water-cooled extensometer	1966
19670073031	Improvement in InSb detector arrays Interim engineering progress report, 15 Sep. - 15 Dec. 1966	1966
19670073032	Studies in West Germany on microwave propagation and scattering over water	1966
19670073034	Optical and electrical phenomena in copper activated sodium chloride crystals	1966
19670073035	ECM-oriented penetration model - Single aircraft, single radar	1966
19670073037	Studies on silver oxide. I - Analytical techniques. II - Thermal decomposition of AgO. III - Charging efficiency studies	1966
19670073038	Development of improved cutting tool materials. High speed steel wear mechanisms Interim report	1966
19670073042	Narrow line absorption in CaCO3 Final report, May 1965 - May 1966	1966
19670073043	Metallurgical research at Technische Hochschule, Aachen, Germany	1966
19670073044	Part I - Semi-classical solutions for the Dirac equation. Part II - Semi-classical equation of motion for a radiating electron Technical report, 15 Sep. 1963 - 15 Sep. 1966	1966
19670073045	Committee on Beryllium Metallurgy Progress report	1966
19670073047	SNAP-50/SPUR Quarterly technical progress report, 1 Oct. - 31 Dec. 1965	1966
19670073048	A further study of the relation between subjective distance and emotional involvement	1966
19670073049	Exploratory development to improve standard cutting tool material by infusion with metallic carbides, ceramic or diamond Interim progress report, 16 Aug. - 15 Nov. 1966	1966
19670073051	Feasibility study of passive radio mapping Quarterly report, 1 Aug. - 31 Oct. 1966	1966
19670073052	A crystallographic study of aminoborane derivatives and related compounds Final technical report, 1 Aug. 1965 - 31 Jul. 1966	1966
19670073054	Lubrication of bearings from porous metal	1966
19670073058	Effect of control concepts on loads induced on booster vehicles by real winds Final report, Jul. 1965 - May 1966	1966
19670073067	Basic chemical research for advanced storable liquid oxidizers /U/ Quarterly report, 1 Sep. - 2 Dec. 1966	1966
19670073068	Overland antenna design model E-2A /U/ Monthly progress report, period ending 30 Sep. 1966	1966
19670073069	Evaluation of high-energy binder /U/ Quarterly report, 1 Sep. - 30 Nov. 1966	1966
19670073073	RF power generation by spark-gap switching techniques /U/ Quarterly technical progress report, 3 Aug. - 3 Nov. 1966	1966
19670073074	Laser range finder, AN/GVS-3 /XM23E2/ /U/ Interim report	1966
19670073076	Further computations of acoustic propagation loss utilizing a sound velocity profile based on curvilinear segments, volume I /U/ Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073077	Further computations of acoustic propagation loss utilizing a sound velocity profile based on curvilinear segments, volume II /U/ Final report	1966
19670073078	High-pressure research toward high-energy propellants /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1966	1966
19670073081	Aeronautics Division research and development /U/ Quarterly report, Oct. - Dec. 1966	1966
19670073086	Exploratory development for missile guidance and airframes /U/ Quarterly report, Oct. - Dec. 1966	1966
19670073089	Quarterly progress report, 1 April - 30 June 1966 /U/	1966
19670073090	Impulse scaling prediction /U/	1966
19670073091	High resolution mass spectrographic investigation of propellant processes /U/ Final report	1966
19670073092	Studies and investigation of enhanced photoemission from reflective photocathodes /U/ Interim technical report	1966
19670073093	Theoretical, investigative, and experimental program directed toward design and development of an improved gallium arsenide infrared light source /U/ Interim technical report, 1 Apr. - 30 Jun. 1966	1966
19670073095	Catalytic Monopropellant Decomposition of Hydrazine-Blend Fuels at -65 Deg F	1966
19670073096	Catalytic Monopropellant Decomposition of Hydrazine-Blend Fuels at -65 Deg F	1966
19670073097	Hydrazine Decomposition Catalysts for Low Temperature Use, Appendix A	1966
19670073098	Preparation and Investigation of Catalysts for Hydrazine Decomposition, Appendix B	1966
19670073099	Properties of a Monopropellant Containing Hydrazine, Hydrazine Nitrate and Water, Appendix C	1966
19670073105	Magnetostrictive sonar transducers. Magnetostrictive driver employs symmetrical permanent-magnet polarization and solenoidal ac excitation to equal performance level of piezoelectric ceramics /U/ Research and development report, Jan. - Sep. 1966	1966
19670073106	Evaluation of acoustic liners for rocket chambers /U/ Quarterly progress report, 1 May - 1 Aug. 1966	1966
19670073118	Laboratory simulation of thermal damage effects transient flow configuration /U/ Final report, 1 Jul. 1964 - 15 Jun. 1965	1966
19670073144	Explosives research and development /U/ Quarterly report Oct. - Dec. 1966	1966
19670073149	Mission analysis of metal-loaded liquid propellants in Navy tactical missiles /U/ Technical publication, Sep. 1964 - Jun. 1965	1966
19670073150	Dual-manifold injector advancement program /U/ Final report, 1 Jun. 1965 - 31 Mar. 1966	1966
19670073151	Laser-video contrast seeker /U/ Final report, 24 Jan. - 13 Jun. 1966	1966
19670073152	Physico-chemical characterization of high-energy storable propellants /U/ Final report	1966
19670073155	Captive flight tests of the MICOM/SRI TELEVISION contrast seeker against a U1-A AIRCRAFT /U/	1966
19670073156	Development and test of high energy solid propellants /U/ Final technical report	1966
19670073157	Qualitative analysis of airlift aircraft for intratheater missions /U/	1966
19670073161	Densification of LMH-2 /U/ Quarterly report, May - Jul. 1966	1966
19670073162	Tailoring and improvement of LMH-2 /U/ Quarterly report, May - Jul. 1966	1966
19670073164	Stability of LMH-2 in liquid carriers /U/ Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670073167	Optimum duty cycles for sampled CW Doppler radars /U/	1966
19670073168	An evaluation of the Wing-In-Ground effect /WIG/ transport aircraft concept /U/	1966
19670073169	Liquid propulsion technology, October - December 1966 /U/	1966
19670073175	The effect of "Q"-switch ruby laser beams of image intensifier tubes /U/	1966
19670073179	Quarterly status report, July - September 1966 /U/	1966
19670073181	Supersonic chemical propulsion feasibility flight demonstration for a low altitude short range missile. Volume I - Summary and vehicle performance /U/ Midterm report, 15 Feb. 1965 - 1 May 1966	1966
19670073200	Feasibility of Hiperthin concept with CTF/MHF-3 propellants /U/ Quarterly technical summary, 1 Apr. - 30 Jun. 1966	1966
19670073201	Studies of stability problems in advanced propellants /U/ Quarterly report, 1 Oct. - 31 Dec. 1966	1966
19670073205	Improvement of infrared image tubes /U/ Final report, 15 Nov. 1965 - 14 Nov. 1966	1966
19670073207	Research and development on fluorine based oxidizers /U/ Quarterly report, period ending Jun. 30, 1966	1966
19670073217	Thermochemistry of selected compounds /U/ Final report, 14 Nov. 1961 - 15 Nov. 1966	1966
19670073221	Calculated values of transient and steady state performance characteristics of man-carrying, cargo, and extraction parachutes Final report, Apr. 1965 - Apr. 1966	1966
19670073222	Investigation of phenomenon of superplasticity in metals Final report	1966
19670073223	Reliability of airborne electronic equipment and its effect on logistics requirements	1966
19670073225	Rate of solution of N2 in liquid N2O4, 11 May - 23 November 1966	1966
19670073227	Filament wound silica radome techniques Interim technical report, 15 Aug. - 15 Nov. 1966	1966
19670073228	A study of the settling of concentrated aerosol clouds Final report, Apr. - Dec. 1965	1966
19670073230	Failure mode and effect analysis on JTF17 fuel and control system, appendix A	1966
19670073233	Effects of thermal-mechanical variables on the anisotropy of forged beryllium Technical report, 1 Jul. 1964 - 1 Jun. 1966	1966
19670073234	Lubricity of jet fuels Quarterly report, 15 Aug. - 15 Nov. 1966	1966
19670073236	Linear high frequency antennas over a finitely conducting spherical earth	1966
19670073237	Variable capacitance diode production engineering measures program Quarterly report, 28 Sep. - 27 Dec. 1966	1966
19670073238	Feasibility tests for shock-shock interaction in a double-driver shock tunnel Technical report, 12 Mar. 1964 - 31 Oct. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073240	Wide bandwidth baseline radar study Quarterly progress report, 21 Mar. - 30 Jun. 1966	1966
19670073243	CREE V sounding rocket launch report /five vehicles launched 18 June 1965 - 22 August 1966/	1966
19670073244	Ion implantation junction techniques Quarterly technical progress report, 1 Aug. - 31 Oct. 1966	1966
19670073245	Influence of work hardening exponent on crack propagation in high-strength materials Summary report, Apr. 1965 - Apr. 1966	1966
19670073247	Molecular spectral line broadening study. Volume III - Line broadening bibliography Technical report, 28 Jun. 1965 - 28 Feb. 1966	1966
19670073249	Pressure equipment for polymer crystallization and DTA under pressure	1966
19670073250	Experimental ammonia battery Final report, Aug. 1965 - Jun. 1966	1966
19670073251	Solid state ultraviolet photodetectors Final report, 1 Jul. 1964 - 30 Jun. 1966	1966
19670073252	Solid-state synthesis of microwave functions Interim technical report, 1 Aug. - 31 Oct. 1966	1966
19670073254	Diel periodicities of weather factors near the ground in a high Arctic locality - Hazen Camp, Ellesmere Island, N.W.T.	1966
19670073255	CW laser diffraction pattern technique Technical report, 20 Jul. 1964 - 1 Feb. 1965	1966
19670073257	A shielded strip slotted line sample holder for the measurement of complex permittivity and permeability at microwave frequencies Final report, 21 Jun. 1965 - 31 Jul. 1966	1966
19670073259	An attempt to make material for magnetic stores from rolled sheet Research report, Aug. 1961 - Dec. 1964	1966
19670073260	Shielding theory of coaxial cables	1966
19670073262	The effect of successive dynamic visual acuity	1966
19670073263	Two-port equivalent circuits for electromechanical transducers, part II	1966
19670073264	Research to relate the effects of structure and composition of a propellant binder to the mechanical properties of a composite propellant Final report	1966
19670073268	An analytical method of determining general downwash flow field parameters for V/STOL AIRCRAFT	1966
19670073269	Some reactions of oxygen atoms. Volume III - Cyclopropane, cyclobutane, cyclopentane, and cyclohexane, 1 April - 1 October 1966	1966
19670073270	Production engineering measure for 50-ampere silicon power transistors Quarterly progress report, 27 Aug. - 26 Nov. 1966	1966
19670073274	The transition from quantum to classical mechanics and from Maxwell's equations to geometrical optics Final technical report, 1 Apr. 1959 - 28 Feb. 1966	1966
19670073278	Investigation of advanced flight control systems through application of linear sensitivity techniques, volume II /U/ Final report, Jun. 1965 - Jul. 1966	1966
19670073282	Laboratory simulation of thermal damage effects quasi-study flow configurations /U/ Final report, 1 Nov. 1965 - 31 Aug. 1966	1966
19670073286	ICRPG/AIAA solid propulsion conference, volume III /U/	1966
19670073287	Domino propellant studies /U/	1966
19670073288	Application of high burning-rate propellants to tube-launched systems /U/	1966
19670073289	Flight test results of the Titan III-C SOLID motors	1966
19670073290	Control of quality for the 260-in.-dia solid rocket motors	1966
19670073291	Results of the 260-inch solid rocket motor program	1966
19670073292	Detonation characteristics of large solid rocket motors	1966
19670073293	Gas generant propellants for submarine ballast expulsion	1966
19670073294	A carbon dioxide generating propellant	1966
19670073295	Evaluation of the regression of solid rocket nozzle materials as a function of exhaust gas environments, chamber pressure, and material variation	1966
19670073296	A method of nozzle convergent contour design	1966
19670073297	Development of a high burning rate propellant /U/	1966
19670073298	Ballistic and mechanical properties of ammonium perchlorate, beryllium, polybutadiene propellants /U/	1966
19670073299	Ballistics of very high-rate NF PROPELLANTS /U/	1966
19670073300	New high performance extended temperature range CMDB propellants /U/	1966
19670073301	Direct case bond systems for double base propellants	1966
19670073302	Development of a nozzle for a controllable solid propellant propulsion system	1966
19670073303	Motor control through the low pressure deflagration limit	1966
19670073304	Development of a high performance, dual- thrust pulse motor for air-launch application /U/	1966
19670073305	Thrust magnitude and restart control of solid motors by injection of hypergolic fluids	1966
19670073306	Thrust control of solid propellant rockets by mass excitation	1966
19670073307	Synthesis chemistry and evaluation of INFO 635P	1966
19670073308	Recent advances in propellants containing a new high energy oxidizer /U/	1966
19670073309	Solid rocket motor extinguishment by rapid depressurization	1966
19670073310	Demonstration of solid-propellant selectable- impulse motors /U/	1966
19670073311	The spectroscopic measurement of gas and particle temperature in metallized propellant combustion	1966
19670073312	Ignition of solid propellants by various modes of heat transfer	1966
19670073313	Development of hybrid throttling technology for space vehicle applications /U/	1966
19670073314	A design procedure for selection of hybrid grain configurations for mission applications	1966
19670073315	A comprehensive experimental investigation of the fluid dynamics of gas injection thrust vector control	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073316	Results of connected-pipe tests of air augmented solid propellant rockets /U/	1966
19670073318	The development and evaluation of solid propellants for air-augmented rockets /U/	1966
19670073319	Problems with propellants developed for air augmentation	1966
19670073320	Combustion studies on fuel-rich propellants for air augmentation applications /U/	1966
19670073321	Development of a propellant gas valve for secondary injection thrust vector control of large solid booster motors /U/	1966
19670073323	Structural integrity analysis of a high mass fraction, solid propellant, end-burning grain	1966
19670073324	Experimental determination of strains in simulated sections of solid propellant grains	1966
19670073325	Time-dependent failure of viscoelastic materials under cyclic loads	1966
19670073326	A numerical elasticity analysis of axisymmetric thick-walled shells	1966
19670073327	Ultra high energy - A literature search and evaluation. Volume I /U/ Final report, Feb. 1 - Jul. 30, 1966	1966
19670073328	Periodically elevated radar study /U/ Final report, Jun. 1963 - Aug. 1966	1966
19670073333	Evaluation of thrust modulation concepts for solid propellant boosters /U/ Technical report, Jan. - Aug. 1966	1966
19670073336	Liquid propulsion technology /U/ Technical report, Jul. - Sep. 1966	1966
19670073337	Propellant chemistry engineering support /U/	1966
19670073338	Small diameter /3-8 inches/ prepackaged powerplant /U/	1966
19670073340	Large diameter /over 20 inch/ prepackaged powerplant /U/	1966
19670073342	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles /U/ First annual technical report, Aug. 10, 1965 - Aug. 9, 1966	1966
19670073353	Study of reentry RF attenuation /U/	1966
19670073354	Target Signature Analysis Center - Data compilation, supplement /U/	1966
19670073365	Propulsion Development Department Review. Part 2 - Propellants and materials /U/ Progress report, Oct. - Dec. 1966	1966
19670073366	Propulsion Development Department Review. Part 4 - Liquid propulsion /U/ Progress report, Oct. - Dec. 1966	1966
19670073369	Demonstration of advanced post boost propulsion subsystems /U/ Quarterly technical report, 1 Nov. - 31 Dec. 1966	1966
19670073370	Reliability and performance of the Nike Hercules missile system /U/	1966
19670073371	General surveillance of Navy-held 2.75-inch FFAR motors /U/	1966
19670073372	Overland antenna design model E-2A /U/ Monthly progress report, Oct. 1966	1966
19670073389	A research program on solid propellant physical behavior Quarterly report, 1 May - 31 Jul. 1966	1966
19670073398	Lattice theory of the mechanical and thermal properties of crystals	1966
19670073415	The slow motion of a finite flat plate through a viscous stratified fluid	1966
19670073416	Evaluation of induction brazed tubing joints and the incorporation in vehicle pneumatic systems Development test report	1966
19670073417	High resolution VHF meteor study Final report	1966
19670073422	The chemistry of rare gases Quarterly progress report, 1 Oct. - 31 Dec. 1966	1966
19670073423	Silicon, pnp, MEXA transistor types JAN 2N328A and JAN 2N329A Quarterly progress report, 30 May - 30 Oct. 1966	1966
19670073424	Research on methods of obtaining luminescence in ferroelectric materials and study of the temperature dependence of their luminous efficiencies close to the Curie point Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670073426	High power broadband multi-throw diode switches Final report, 30 Apr. 1965 - 30 Nov. 1966	1966
19670073428	Abilities pertaining to classes and the learning of concepts. Studies of aptitudes of high-level personnel	1966
19670073431	Semiconductor doping by ion implantation	1966
19670073434	Preparation of single crystalline mercury telluride/zinc telluride Interim technical report, 1 May - 31 Jul. 1966	1966
19670073436	Preparation of single crystal Mg ₂ Sn _{0.7} Pb _{0.3} Interim technical report, 18 Jun. - 18 Sep. 1966	1966
19670073445	An experimental investigation of the two-dimensional wall jet	1966
19670073447	Calculation methods for three-dimensional turbulent boundary layers	1966
19670073449	The effect of boat-tailing on the flow round a two-dimensional blunt based aerofoil at zero incidence	1966
19670073450	Near-frozen quasi-one-dimensional flow. Part II - De-excitation shocks	1966
19670073451	A numerical method for calculating the pressure due to thickness on symmetrical wings at zero incidence in supersonic flow	1966
19670073453	Preparation of single crystal Mg ₂ Sn _{0.7} Pb _{0.3} Interim technical report, 18 Sep. - 18 Dec. 1966	1966
19670073455	Satellites and probes Program progress report, 1-31 Dec. 1965	1966
19670073456	Satellites and probes Program progress report, 1-31 Jan. 1966	1966
19670073457	Satellites and probes Program progress report, 1-28 Feb. 1966	1966
19670073458	Satellites and probes Program progress report, 1-28 Mar. 1966	1966
19670073459	Satellites and probes Program progress report, 1-30 Apr. 1966	1966
19670073460	Satellites and probes Program progress report, 1-31 May 1966	1966
19670073461	Satellites and probes Program progress report, 1-30 Jun. 1966	1966
19670073462	Satellites and probes Program progress report, 1-31 Jul. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073463	Kinetics of the photolysis of single crystals and powders of alkali and alkaline earth azides Final technical report, 1 Sep. 1965 - 31 Aug. 1966	1966
19670073466	An investigation of the static stability and drag of two conical re-entry heads at Mach numbers from 0.4 to 1.8	1966
19670073468	A comparison of V/STOL aircraft directional handling qualities criteria for visual and instrument flight using an airborne simulator	1966
19670073469	A microwave saturation effect spectrometer. Part I - Basic principle and its application to resonant bridge structures	1966
19670073470	A 30 keV ion bombardment apparatus for the study of the interaction of light ions with surfaces	1966
19670073471	A method for satellite launch vehicle performance analysis with application to Black Brant VB sounding rocket motor booster configurations	1966
19670073479	Space power tool system for experimentation on Gemini Final report, 15 Aug. 1964 - 15 Aug. 1965	1966
19670073480	Investigation of transition metal oxides Quarterly report, Jul. - Oct. 1966	1966
19670073481	Voice analysis techniques for immediate assessment Annual progress report, 1 Jan. - 31 Dec. 1965	1966
19670073482	Computer memories-manufacturing methods plan Technical report, Aug. 1965 - Mar. 1966	1966
19670073483	Fluctuation intensity of passive species in turbulent shear flows	1966
19670073484	Development of a fluid state ratio computer. Part I - Preliminary development Interim technical report, 1 Mar. - 30 Jun. 1964	1966
19670073488	Further notes on the two-dimensional flow of an inviscid density-stratified liquid past a slender body	1966
19670073489	Dry and wet spells at Winnipeg	1966
19670073490	The measurement and reporting of cloud height and amount by automatic weather station	1966
19670073493	XB-70A air vehicle Flight test monthly report no. 1, Nov. 1966	1966
19670073500	Development of a remote cutoff MOS field effect transistor Final development report, 10 May 1965 - 10 Aug. 1966	1966
19670073502	Investigation of Cs2O-photocathodes /type S-1/ Final technical report, Sep. 1965 - Sep. 1966	1966
19670073505	Research on new techniques in absorption and emission spectroscopy Quarterly progress report, Oct. - Nov. 1966	1966
19670073506	On improvement of fatigue life by dispersal of cyclic strain	1966
19670073507	A simple dropout tester for magnetic tape	1966
19670073518	High temperature specific heat of refractory metals and alloys Technical report, 1 Apr. - 31 Jul. 1966	1966
19670073521	Measurement of the electrical conductivity and electron temperature in an argon- potassium plasma at various gas temperatures	1966
19670073522	A diaphragm shock tube for plasma experiments	1966
19670073525	A study of defects in silicon epitaxial slices using the Lang X-ray technique Research report, Sep. 1963 - Feb. 1966	1966
19670073527	Design study of a disposable dewar Final report	1966
19670073531	Slush hydrogen fluid characterization and instrumentation analysis	1966
19670073535	The pressure build-up in a high-density, high-temperature helium plasma stabilized by a magnetic field	1966
19670073536	The radio-frequency resonance probe	1966
19670073537	Current and potential distributions in MHD generators	1966
19670073538	The laminar flow of liquid down the outside of a rod which is at a small angle from the vertical	1966
19670073540	Deformation of neutron irradiated copper single crystals	1966
19670073544	On the laminar compressible boundary layer induced by the passage of a plane shock wave over a flat wall	1966
19670073545	Effect of carbide precipitation on the creep-rupture characteristics of austenitic heat-resisting steels	1966
19670073549	Analysis of the phase function in single sideband signal and its application to speech	1966
19670073550	Q-band travelling wave maser Final report	1966
19670073551	Investigation of the basic parameters affecting the properties of intermetallic compounds, part VII, volume I Technical report, 11 Feb. 1965 - 10 Feb. 1966	1966
19670073553	Byron Jackson Pumps, Inc. Part number 14x18x27 DVDSR, NASA P/N 75M05869 LPM-1	1966
19670073555	Multistage radial impeller pump. Part II - Optimization study of pump types Final report	1966
19670073557	Development of improved grinding processes Interim engineering progress report, 1 May - 31 Jul. 1966	1966
19670073558	Ablation handbook entry materials data and design Final report, Jul. 1965 - Jul. 1966	1966
19670073560	An ultrasonic aid for the blind	1966
19670073561	Transonic turbine test rig exhaustor system tests and tests of a reaction turbine	1966
19670073562	A statistical model for determination of the radiative temperature at "black-body" surfaces, based upon specific window-radiance valves measured over a range of zenith angles by Nimbus II radiometer	1966
19670073567	Structural flight loads data from F-4C AIRCRAFT Final report, 15 Dec. 1964 - 15 Jan. 1966	1966
19670073569	Stable fluorescent converter solutions enhancing optical pumping in the visible region Final report, 1 Oct. 1964 - 30 Sep. 1966	1966
19670073570	Review of base drag	1966
19670073571	Category II adverse weather evaluation of the HC-130H aerial recovery aircraft	1966
19670073573	Development of effective cleaning compounds for aircraft maintenance Progress report, 30 Nov. 1965 - 31 May 1966	1966
19670073574	An evaluation of simplified fleet touch-up systems for aircraft	1966
19670073575	Vista - A two-dimensional particle-in-cell code for three materials Interim report, 1 Apr. - 31 Jul. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073576	Research on crossed-field electron devices Final report, 1 Sep. 1962 - 15 Sep. 1966	1966
19670073578	Recombinational radiation in GaSb /gallium antimonide/	1966
19670073582	Reliability analysis of selected multivibrator circuits	1966
19670073585	Foundations of a theory of the wet-steam turbine	1966
19670073586	Development and fabrication of solid-state high-speed optical detectors Interim engineering report, 15 Aug. - 15 Nov. 1966	1966
19670073587	The absolute potential concept for the study of corrosion	1966
19670073595	Off-limit vibration test on Apollo inverter	1966
19670073596	Module terminal boards Qualification test report	1966
19670073597	The cyclic state of materials and the relationship to mechanical properties and fatigue Final technical report, Apr. 1965 - Aug. 1966	1966
19670073599	Notes on the automatic control of a blowdown wind tunnel	1966
19670073600	Development of low temperature gas generator technology Final report, 3 Jan. - 14 Nov. 1966	1966
19670073604	A space-charge-sheath electric thruster Research report, Mar. - Oct. 1966	1966
19670073605	Asymptotic solutions of linear stationary integro-differential equations	1966
19670073608	Turbulent boundary layer characteristics of pointed bodies of revolution at supersonic speeds	1966
19670073612	Flight Sciences Laboratory Review, July- December 1966	1966
19670073614	Experimental verification of suitability of compressing the time of mission profile during elevated temperature fatigue testing Monthly progress report, 1-30 Sep. 1966	1966
19670073615	Weapon system 133A. Program progress production motors Stage I Minuteman Contract status report, 1 Oct. - 31 Dec. 1966	1966
19670073616	An advanced diffusion transfer processing technique for photographic film Final report, Jul. 1965 - Nov. 1966	1966
19670073618	The effect of hydrogen and strain rate on the "ductile-brittle" behavior of Zircaloy	1966
19670073619	Ejection of uranium atoms from sintered UO2	1966
19670073621	Application of hollow cathode and microwave-stimulated emission techniques Interim technical report, 29 Mar. - 29 Sep. 1966	1966
19670073624	Honeycomb ceramic radome techniques Interim technical quarterly progress report, 1 Jul. - 1 Oct. 1966	1966
19670073626	The vortex wake and aerodynamic load distribution of slender rectangular plates The effects of a 20-degree bend at mid- chord	1966
19670073628	Some remarks on vortex drag and its spanwise distribution in incompressible flow	1966
19670073631	Functionality determination of binder prepolymers Quarterly progress report, 1 Oct. - 31 Dec. 1966	1966
19670073632	Research on electron-photon interaction phenomena Interim technical report, 3 Jun. - 2 Sep. 1966	1966
19670073633	A study of strain-age crack sensitivity of Rene' 41 Technical report, 1 May 1965 - 15 Aug. 1966	1966
19670073634	SUU-13/A a dispenser production engineering program	1966
19670073636	Preparation of single crystalline mercury telluride/zinc telluride Interim technical report, 1 Aug. - 31 Oct. 1966	1966
19670073644	Investigation of fast wave beam-plasma interactions Quarterly report, 1 Jun. - 31 Aug. 1966	1966
19670073646	An unfolding mechanically scanned antenna for a satellite-borne radar	1966
19670073647	An investigation of unlined conical cavities in pressed PBX-9404 and cast composition B	1966
19670073648	The Air Force space navigation experiment on Gemini /DOD/NASA Gemini experiment D-9, Gemini IV and VII flights/	1966
19670073651	Quality control manual. Inspection and test procedures for military device types 2N328A AND 2N329A	1966
19670073652	On the pressure dependence of initial recombination of ions in oxygen	1966
19670073653	On the dependence of initial recombination on the ion distribution	1966
19670073654	Optical absorption studies of colour centres in heavily irradiated magnesium oxide	1966
19670073655	Similar and asymptotic solutions of the incompressible laminar boundary layer equations with suction	1966
19670073660	Fast-neutron lattice damage in silicon carbide - An X-ray diffraction investigation	1966
19670073661	Comparison of signs of mixing ratios to model predictions	1966
19670073667	Weapon system 133A. Program progress research and development Stage I Minuteman Contract status report, 1 Oct. - 31 Dec. 1966	1966
19670073671	A review of the problems arising from the combustion of hydrogen in a water reactor containment	1966
19670073672	The use of detailed fault analyses in evaluating fail-safe equipment	1966
19670073673	Damping provided by cruciform baffles in cylindrical tanks	1966
19670073679	The effects of oxygen on phase equilibria in the uranium carbon system	1966
19670073680	A class of methods for tabular interpolation	1966
19670073681	Preliminary investigation of a corrugated theta pinch /"LIMPUS"/ at Isar I	1966
19670073682	The admittance of a plasma-covered cylindrical antenna	1966
19670073683	Vapour pressure studies of manganese alloys Final technical report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670073684	Color CRT display of infrared data Final report	1966
19670073690	Investigation of a high speed directly driven engine hydraulic pump Final report, 1 Jun. 1964 - 1 May 1966	1966
19670073692	The design of satellite instrumentation for the measurement of trapped radiation	1966
19670073694	Investigation of a personnel seating system dynamic test facility /Project SURVAE/ FINAL technical report, Jun. 1965 - Sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073695	Process development for precision radial forging integral turbine wheels Interim engineering report, 15 Sep. - 15 Dec. 1966	1966
19670073696	Aircraft ground-flotation investigation. Part VII - Data report on test section 6 Final technical report, 1964 - 1965	1966
19670073699	Time-varying spectral factorization	1966
19670073700	A mechanically strong thermal insulator	1966
19670073701	Theoretical and experimental analysis of reaction rate distribution in the Dounreay Fast Reactor	1966
19670073702	The corrosion behaviour of iron and nickel-based alloys in high-temperature sodium	1966
19670073706	Logic circuits with complementary transistors	1966
19670073708	Optimum statistical characterization of Saturn vibration data Monthly progress report	1966
19670073710	Automatic Picture Transmission /APT/ SUBSYSTEMS FT-5 through FT-8 Final report	1966
19670073713	A mathematical model for the biological clock of <i>Passer domesticus</i>	1966
19670073714	A study of resonance counters for vibration measurements utilizing the Mossbauer effect Final report, 5 Jul. - 30 Dec. 1966	1966
19670073715	Decomposition studies of polyurethane propellants and their intermediates using differential thermal analysis	1966
19670073718	An optimal guidance scheme Technical report, 6 Apr. 1965 - 18 Nov. 1966	1966
19670073720	Delta DSV-3E launch vehicle discrete element analytical model for mechanical impedance determination	1966
19670073722	Theoretical considerations, wind-tunnel- research and flight test results on the super-stall characteristics of the HFB 320 Hansa	1966
19670073723	Pulsed X-ray prompt gamma simulator Final report, Apr. 1965 - May 1966	1966
19670073725	Restoration of atmospherically degraded images. Volume 1 - Woods Hole summer study	1966
19670073727	Effect of water vapor/hydrogen environments on columbium alloys Final report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670073728	Effects of alloying and deformation processing on mechanical behavior of NiAl, part VII, volume II Technical report, 11 Feb. - 2 Sep. 1965	1966
19670073732	Thin film active devices Semiannual report	1966
19670073734	High lift-drag ratio double wedges of given volume which support two-dimensional supersonic flow fields	1966
19670073736	Note on the gust alleviation factor for helicopters and autogyros	1966
19670073737	Problems connected with high rates in pulse counting systems	1966
19670073738	A transient effect spectrometer for observation of K-band water-line simulated emission	1966
19670073740	Longitudinal combustion instability of propellants with solid content	1966
19670073741	The stability of the theta-pinch	1966
19670073742	The evaluation, testing and ageing of some electronic components for the U.K.3 satellite	1966
19670073744	Atlas/Centaur launch vehicle study guidance and control, phase IV and phase V Monthly progress report, 18 Sep. - 17 Oct. 1966	1966
19670073748	Selection of cells for the U.K.3 flight satellite battery	1966
19670073754	A method for determining facial contours by shadow projection	1966
19670073755	An evaluation of American manufactured Ti-8Al-1Mo-IV alloy sheets	1966
19670073756	A review and assessment of criteria for human comfort derived from subjective responses to vibration	1966
19670073758	The effect of the geographical distribution of observations on orbital accuracy	1966
19670073759	Calculation of the response of a fighter aircraft to turbulent air and a comparison with flight measurements	1966
19670073760	An analysis of a constant speed drive of the toroid-disc type	1966
19670073762	Some effects of vertical vibration on a pilot's head motion and his instrument reading capability	1966
19670073766	Molecular binding and catalysis Semiannual report, Sep. 1965 - Mar. 1966	1966
19670073767	Neutron energy spectra and angular distributions from targets bombarded by 45 MeV electrons	1966
19670073770	System development and testing of an automatic altitude control for low flying airborne bodies	1966
19670073774	Spin investigations with analytical methods and results for the VTOL VJ 101 C airplane	1966
19670073775	The production of nitric oxide in shock-heated air	1966
19670073777	Investigation of the pressure build-up of a stationary, magnetically stabilized helium discharge by magnetic measurements	1966
19670073778	The flutter and stability of undamped systems	1966
19670073779	A high frequency electrostatic instability in a magnetically guided plasma stream	1966
19670073781	Infrared study of lattice vibrations of organic molecular crystals Final report, 1 Apr. 1965 - 31 Mar. 1966	1966
19670073784	Finite amplitude liquid oscillations. II. FORCED resonant oscillations Final report	1966
19670073791	High energy plasticizers /U/ Quarterly report, Apr. - Jun. 1966	1966
19670073792	Synthesis of noncommercially available compounds /U/ Annual progress report, 15 May 1965 - 14 Aug. 1966	1966
19670073793	Shrike aerodynamic characteristics, revision 1 /U/	1966
19670073795	Low-temperature fluorination of Lewis Bases /U/	1966
19670073796	Detection of moving targets having along-track velocities by using the dual-antenna system /U/	1966
19670073798	Advanced oxidizer research /U/ Semiannual report, 1 Jan. - 30 Jun. 1966	1966
19670073800	A summary analysis of laboratory hypersonic wake transition experiments	1966
19670073802	Narrow-band ultraviolet filter photography Technical report, Nov. 1965 - May 1966	1966
19670073808	A note on the effect of open porosity on grain growth in beryllium oxide	1966
19670073809	Energy loss from a theta pinch	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073810	Research on gas-surface interactions 1965 - 1966 Final report	1966
19670073811	The effect of ablation products on Gemini re-entry communications Summary report	1966
19670073813	Atlas of Lofti II A satellite orbit maps and quick-look data Final report	1966
19670073820	Investigation of the electromagnetic properties of materials for applications to lasers, masers, and other solid-state devices Semiannual status report, 1 Jun. - 30 Nov. 1966	1966
19670073822	Reusable aerospace passenger transport launch mode comparison study	1966
19670073823	Guide for the preparation of discrepancy records, unsatisfactory condition reports, and investigation and corrective action reports	1966
19670073825	The trajectories of magnetic field lines in toroidal stellarators	1966
19670073826	The trapping of hydrogen ions in molybdenum, titanium, tantalum and zirconium	1966
19670073828	The effect of change in axial velocity on the potential flow in cascades	1966
19670073829	Some measurements of the specific gravity of large hailstones	1966
19670073831	Theory of fatigue failure by cavity formation	1966
19670073834	Applied research program Research summary, Jan. - Jun. 1966	1966
19670073835	An investigation of the response of a 1/5- scale model of the Titan III launch vehicle to longitudinal excitation	1966
19670073836	An instrument for multiplexing and calibrating 32 channels of temperature measurement in association with Weedram	1966
19670073837	A Navigational Aid for Manned Interplanetary Flight	1966
19670073841	Vibration of membrane foils	1966
19670073843	Micro-orifice injectors and combined injector/ chambers for improved liquid rocket motor design concepts	1966
19670073850	Developments in reliability methodology	1966
19670073854	Results of test 6-0-167 altitude chamber "L" acoustics	1966
19670073855	Apollo navigation ground and onboard capabilities	1966
19670073856	Optimum statistical characterization of Saturn vibration data Annual report, 29 Jun. 1965 - 29 Aug. 1966	1966
19670073858	Heat flux transducer development for the Saturn program Final report	1966
19670073861	High-area-ratio nozzles. Phase III - Hot firing program /U/ Final report, Jul. - Oct. 1963, Jan. 1965 - Jul. 1966	1966
19670073862	Advanced aerodynamic spike configurations /U/ Interim report, 1 Jul. 1964 - 15 Dec. 1965	1966
19670073863	V/STOL remote lift/cruise fan investigations. Part I. Fan performance and configuration analysis /U/	1966
19670073872	Liquid propellant performance calculations, volume II /U/	1966
19670073888	Aircraft power subsystem problems investigation /U/ Final report, 1 Jan. - 5 Jun. 1966	1966
19670073889	Reentry Vehicle Technology and Observables /RVTO/ phase 1A program /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670073890	Reflection and Doppler characteristics of targets and clutter, volume II /U/ Semiannual report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670073892	Quarterly progress report, 1 July - 30 September 1966	1966
19670073896	Ozone feasibility study /U/ Quarterly technical report	1966
19670073902	A-21 Functional Description SC-3 and SC-4. Volume III - Telemetry Functionals	1966
19670073904	Closed-cycle refrigerators for satellite-system earth stations. Part I - Design study Research report, Jan. - Dec. 1965	1966
19670073908	Off-limits test report valve, explosive operated helium, 1/4 inch	1966
19670073910	Reliability and design analysis brushless dc motor drawing no. 20M42001	1966
19670073913	A note on tensile testing at high strain rates Summary report, Jul. - Aug. 1966	1966
19670073914	Preparation of a reaction rate handbook and an analysis of reaction rate of atmospheric species Final report	1966
19670073919	A study of hydrogen slush and/or hydrogen gel utilization Monthly progress report, Jul. 1966	1966
19670073920	Sequential mass spectrometry 2. Nitrogen, and the determination of appearance potentials	1966
19670073921	Preliminary predicted mass characteristics Saturn IB launch vehicle, AS-206. Part II - Guidance cutoff	1966
19670073922	An experimental and analytical study of the heat transfer and flow mechanics of high velocity condensing vapors Status report, 1 May - 31 Oct. 1966	1966
19670073927	Rosemount Engineering Company resistance bulb assembly, manufacturer's part number 176FK34 Test report	1966
19670073929	Study of inter-facial conductivity Final report	1966
19670073930	Lead telluride non-magnetic bonding research study First interim summary report, 26 Feb. 1965 - 30 Oct. 1966	1966
19670073933	Phonon-electron spin interactions in paramagnetic salts Semiannual status report, 15 Jun. - 15 Dec. 1966	1966
19670073934	Final report	1966
19670073936	On the current and voltage losses caused by finite electrode segmentation in Faraday and Hall type MHD generators	1966
19670073937	A note on the shear attainable in stellarator systems	1966
19670073939	Safety assessment with reference to automatic protective systems for nuclear reactor, part 3	1966
19670073940	Safety assessment with reference to automatic protective systems for nuclear reactors, part I	1966
19670073943	There is no unique interpretation for the solar Lyman alpha profile	1966
19670073949	High temperature vaporization studies by mass spectrometry. 2 - The samarium-carbon system	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073951	On the structure of high carbon hyperstoichiometric uranium carbide single crystals	1966
19670073952	The effect of temperature and pressure on the vapor phase gamma radiolysis of some polar molecules	1966
19670073957	Experience in radionuclide analysis by gamma- ray spectrometry and computer	1966
19670073961	Considerations of the applicability of spectroscopic plasma diagnostic techniques to a low density potassium plasma	1966
19670073963	Power crowbar of low inductance capacitor banks using atmospheric spark gaps	1966
19670073965	Independent reliability assessment of the radio astronomy explorer spacecraft	1966
19670073966	Asymptotic suction boundary layers for cylindrical bodies in longitudinal flow	1966
19670073970	Handbook for Range users	1966
19670073974	Revised reliability analysis of the Saturn V emergency detection system	1966
19670073977	T33 aircraft emergency escape system modification	1966
19670073982	Gas contamination in a field-ion microscope pumped by sputter-ion pumps	1966
19670073985	Induced drag elimination on subsonic aircraft Final report	1966
19670073987	An expanding computer operating system Interim technical report	1966
19670073988	Satellite communications terminal AN/TSC- 54 Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670073989	Residual propellant orbital thermodynamics program /reporter/	1966
19670073990	Research in aeronomy Progress report, 1 Apr. - 30 Sep. 1966	1966
19670073992	Bench and special test on S-band power amplifier equipment for the Apollo C and D subsystem	1966
19670073994	Mission-life tests for 635Q-2 VHF MULTIPLEXER equipment, serial no. 100180190009 Qualification test report	1966
19670073995	Bladder assembly - Flotation, inflatable Final test report	1966
19670073996	Study of the continuous mediums oriented to finite deformations of an elastic solid	1966
19670073999	The potential of the Pu/III/-Pu/IV/ couple in nitric acid solution and equilibrium constants for the nitrate complexes of Pu/IV/	1966
19670074000	The production of a 320 kA half sine wave of current at 220 kc/s, 60 kV for a thetatron gun	1966
19670074005	Gas-surface interactions under satellite conditions Status report, 1 Jul. - 31 Dec. 1966	1966
19670074011	A method of solving sets of non-linear algebraic equations	1966
19670074012	Vigilance and Monitoring Behavior in Primates Under Concurrent Appetitive and Aversive Control	1966
19670074013	Development of analytical methods for predicting residual cryogenic propellant behavior in orbital vehicles Interim report	1966
19670074022	Advanced molecular systems technology - Systems applications	1966
19670074023	Electromagnetic interference control plan for Saturn switch selector project 1492-807	1966
19670074025	Boundary-layer problems of 1966	1966
19670074029	Micrometeoroid pressure sensor program. 300 series stainless steel targets for Martin T.O.S. 7040-694-660	1966
19670074033	Precipitation in F.V. 548 stainless steel	1966
19670074037	Dynamic Relationship Between Stress and Strain in Elastic Materials and Plastics	1966
19670074039	Unexplained scale effects in ejector shroud howling	1966
19670074042	Ring Substitutions and Subsequent Reactions on Aromatic Metal-Pi-Complexes, Part I and Part II	1966
19670074047	Report of level one qualification tests on Apollo inverter	1966
19670074048	A-21 Functional Description. Volume II	1966
19670074053	Limits of validity of the bilogarithmic /mixing-length/ velocity profile in turbulent boundary layers with suction or injection	1966
19670074054	Project Apollo radio blackout investigation Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670074066	The decay of the 8.88 MeV level in ¹⁶ O	1966
19670074067	Low-altitude, high-speed visual acquisition of tactical and strategic ground targets. Part VI - Laboratory study of the effects of crew composition on target acquisition performance	1966
19670074069	Saturn technical information handbook, volume III	1966
19670074077	XB-70A air vehicles /U/ Flight test monthly progress report no. 23, Jul. 1966	1966
19670074079	Advanced, fiber-reinforced tungsten nozzle Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670074082	Project progress report, January - March 1966 /U/	1966
19670074083	Advanced ramjet concepts program, 1965. Volume II - Ejector ramjet system test /U/ Final report, 1 Mar. 1965 - 15 Apr. 1966	1966
19670074084	Research and development on fluorine based oxidizers /U/ Quarterly report, period ending Mar. 31, 1966	1966
19670074085	Development and demonstration of an omniaxial flexible seal movable nozzle for thrust vector control /U/ Quarterly technical report, 11 Jul. - 31 Oct. 1966	1966
19670074086	Fixed antenna guidance techniques study /U/ Quarterly report, 17 Jun. - 17 Sep. 1966	1966
19670074088	Research on light metal fuels and oxidizer chemistry. Part I - Light metal fuels. Part II - Oxidizer chemistry /U/	1966
19670074089	Demonstration of an advanced solid propellant /U/ Final report, 16 Apr. 1965 - 31 Jul. 1966	1966
19670074091	Hybrid propulsion system for an advanced rocket-powered target missile /U/ Quarterly technical report, 1 Jun. - 30 Sep. 1966	1966
19670074096	Composite beryllium propellant motors for Project Adobe /U/ Final report, 19 Nov. 1964 - Dec. 1966	1966
19670074098	Advanced cryogenic rocket engine program, aerospike nozzle concept /U/ Quarterly progress report, 1 Sep. - 30 Nov. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074101	Absorbing liners for rocket combustion chambers, theory and design techniques /U/ Final report, 1 Feb. - 1 Aug. 1966	1966
19670074107	Wide angle motions on Buccaneer	1966
19670074115	Response of a burning propellant surface to erosive transients Annual report, 1 Jan. - 31 Dec. 1966	1966
19670074117	Temperature distribution tests on Hotpack model 1397 oven	1966
19670074120	XB-70A air vehicle Flight test monthly progress report, Dec. 1966	1966
19670074121	Delayed fracture characteristics of titanium alloys	1966
19670074122	Turbulent mixing of a two-dimensional free jet	1966
19670074124	Supporting studies to establish safety design criteria for storage and processing of explosive materials Quarterly report, 1 Oct. - 31 Dec. 1966	1966
19670074131	Production engineering measure on 2N3375 silicon overlay transistor. Volume 3 - Quality control manual Final report, 1 Jan. 1965 - 30 Jun. 1966	1966
19670074134	Fatigue of metal crystals. Part I - Extension of fatigue life of crystals through control of substructure Annual report, 1 Feb. 1965 - 28 Feb. 1966	1966
19670074135	Manufacturing in process control and measuring techniques for integral electronics /geometry and surface contamination control/ Interim engineering progress report, 1 Aug. - 31 Oct. 1966	1966
19670074155	Re-entry measurements program, RMP-B VEHICLE systems - General /U/ Semiannual report	1966
19670074176	An analysis of the effects of injection parameters on the thrust vector control performance of a CTF/MHF-3 rocket motor /U/ Final report, 1 Apr. - 28 Dec. 1966	1966
19670074189	Surface melting and crystallization of polyethylene	1966
19670074190	Three-dimensional stress distribution near a sharp crack in a plate of finite thickness Summary report, Apr. 1965 - Feb. 1966	1966
19670074191	Investigation of the flow field during the inflation of clustered parachutes Final report, Apr. 1965 - Apr. 1966	1966
19670074195	The effect of processing variables on stress-corrosion cracking in 9Ni-4Co steel alloy Final report, May 1965 - Nov. 1966	1966
19670074200	Ten-year aging and storage program wings I through V Minuteman second-stage motors and components Quarterly progress report, Dec. 1965 - Feb. 1966	1966
19670074203	Effects of display width on side-looking radar target recognition	1966
19670074207	Photoconductor-semiconductor emitters Quarterly report, 1 Jul. - 1 Oct. 1966	1966
19670074213	Demonstration of a solid-propellant motor malfunction-detection and combustion termination system Monthly report, 1-30 Jun. 1966	1966
19670074214	Presampling filter and modified power supply subassembly 50M60208-1 Final technical report	1966
19670074215	The energy and pressure spectra of homogeneous isotropic turbulence	1966
19670074218	Transient response of a commercial stick-on thermocouple	1966
19670074220	Comparison of theoretical and experimental determination of helicopter rotor characteristics with particular reference to high blade incidence conditions	1966
19670074222	The analysis of column supported plates with special application to bridges	1966
19670074223	An investigation into the problem of valve striction associated with the use of high temperature hydraulic fluids	1966
19670074224	Elastic constants of small sintered ceramic specimens Final technical report, Jun. 1965 - Jun. 1966	1966
19670074226	Coordination chemistry in non aqueous media Final technical report, 1 Jul. 1965 - 30 Jun. 1966	1966
19670074227	State-variable synthesis for insensitive integrated circuit transfer functions	1966
19670074228	A frequency stabilized carbon dioxide laser Final report, 22 Jun. - 22 Dec. 1966	1966
19670074229	Minimum time and fuel trajectories for orbital transfer	1966
19670074232	Spectral properties of passively Q-spoiled lasers Semiannual technical summary report, 1 Apr. - 30 Sep. 1966	1966
19670074237	The use of flexible models in aerospace engineering	1966
19670074238	Calculation of boundary-layer development using the turbulent energy equation. II - Compressible flow on adiabatic walls	1966
19670074247	Analytical Chemistry Working Group 23rd meeting minutes	1966
19670074248	Skeeter AOP Mk XL 764. Radio and navigation trials of PTR 170 UHF /ARI 18197/1/ and STR 37E VHF /ARI 23162/	1966
19670074251	Program 665A airborne screening demonstration Final report	1966
19670074257	An investigation into the spark-machining of photoconductive indium antimonide infra-red detectors	1966
19670074258	Force and moment measurements on one delta and two Gothic planform wing-body combinations of span to length ratio 5/13 at Mach numbers from 0.6 to 2.8	1966
19670074260	An investigation into the capabilities of a 3 ft. diameter solid-propellant boost motor for free-flight experiments at high supersonic speeds	1966
19670074273	Advanced re-entry systems heat-transfer manual for hypersonic flight Final report	1966
19670074274	Role of cobalt in the strengthening mechanisms in the AFC-77 steel Technical report, 1 Feb. 1964 - 31 Jan. 1966	1966
19670074278	A design study of antenna modulation techniques resulting in reduced sidelobe levels	1966
19670074279	K-SURF, a computer code for calculating a stability condition against interchange modes Technical report, Aug. - Oct. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074280	Investigation of corrosion caused by potassium in monometallic and bimetallic systems Technical report, Jun. 1963 - Nov. 1965	1966
19670074283	Optimum sensitivities obtained without using finite differences	1966
19670074285	Periodic electrode processes	1966
19670074290	Multiplexing guidelines and standards for interior avionics systems Final report	1966
19670074296	Development and demonstration of a beryllium rocket engine. Volume II - Properties of beryllium for rocket engine design Final report	1966
19670074299	Investigation of Alfven waves in a plasma- filled wave guide	1966
19670074300	Applications of information measures to pattern recognition	1966
19670074302	Square butt narrow groove short-arc welding Final technical report, 1 Jun. 1965 - 24 Aug. 1966	1966
19670074303	Night observation device, long range, tripod mounted Final technical report, Jul. 1962 - Dec. 1966	1966
19670074304	An inertial guidance scheme for a ballistic missile interceptor	1966
19670074308	WRECS-A Fortran II code for computations of weapon radiation effects on communication systems. Volume I - General description of WRECS	1966
19670074315	Tantalum-hafnium alloys metallurgical processing technology Interim report, 9 Sep. 1965 - 9 Sep. 1966	1966
19670074318	Automatic recognition of continuous speech. Volume I - Problems and an approach Final technical report, Jul. 1965 - Nov. 1966	1966
19670074319	High voltage breakdown study Quarterly progress report, 16 Aug. - 15 Nov. 1966	1966
19670074330	The variation of the lattice structure of high-polymer single crystals by irradiation in the electron microscope	1966
19670074333	Model tests for pulse-jet engines	1966
19670074334	Physiological evaluation of SEALAB II - Effects of two weeks exposure to an undersea 7-atmosphere helium-oxygen environment	1966
19670074337	A Theoretical Investigation of Liquid "B" /U/ Final Report, 24 May 1965 - 23 Feb. 1966	1966
19670074338	Advanced propellant staged-combustion feasibility program /U/ Quarterly progress report, Jun. - Aug. 1966	1966
19670074341	Uncertainties in the prediction of scramjet space booster performance. Volume II - Example /U/	1966
19670074347	The development and application of very strong steels Critical review	1966
19670074353	Ordered magnetism in solids Technical report, 1 Jan. 1965 - 31 Mar. 1966	1966
19670074354	Development of photoelastic methods for solution of Naval machinery problems Final report	1966
19670074360	Research on ferrielectric phenomena Final technical documentary report, 3 Dec. 1962 - 26 Jan. 1966	1966
19670074363	Effects of flutter in magnetic recording Final report	1966
19670074367	XSR 57-UT-1 rocket motor program product improvement phase Final test report	1966
19670074370	Noise characteristics of convergent crossed- field space-charge flows	1966
19670074372	Recent advances in X-ray diffraction topography Technical report, May - Dec. 1966	1966
19670074373	Equations of motion of the NASA air bearing gyro in an inertially stabilized configuration and in a strapdown configuration	1966
19670074374	Statistical study of microwave propagation through the turbulent atmosphere. Determination of the equivalent scattering cross section and amplitude and phase fluctuations	1966
19670074375	Investigation of erosion of candidate turbine materials Technical report, Mar. 1965 - Jun. 1966	1966
19670074377	The infrared spectra of saturated aliphatic mononitriles in the 15-40 micron region Final report, Dec. 1964 - Jun. 1966	1966
19670074381	Development of manufacturing methods for producing pyrolytic graphite in various shapes and structures Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670074382	Compressible plane jet bounded by thin jet sheets	1966
19670074385	Sonic fatigue tolerance of glass filament structure - Experimental results Final report, 15 May 1965 - 15 Jul. 1966	1966
19670074386	Manufacturing process development for superalloy cast parts Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670074390	An interaction model of a supersonic laminar boundary layer near a sharp backward facing step	1966
19670074392	Sonic fatigue tolerance of glass filament structure - Glass fiber materials and fabrication methods Final report, 15 May - 15 Jul. 1965	1966
19670074398	Thermal conductivity of tantalum, tungsten, rhenium, Ta-10W, T111, T222, W-25Re in the temperature range 1500- 2800 deg-K Technical report, 1 Apr. 1965 - 30 Sep. 1966	1966
19670074400	A superdirective array of normal mode helical dipoles, part I Final report	1966
19670074402	Production engineering measure for ceramic filters Quarterly report, 30 Sep. - 29 Dec. 1966	1966
19670074410	Screening, correcting and supplementing of aerological data from selected stations Final technical report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670074412	Rheology of disperse fluid systems Semiannual status report, 1 Jun. - 31 Nov. 1966	1966
19670074420	Development of wideband instrumentation recorder Bimonthly progress report, 1 Nov. - 31 Dec. 1966	1966
19670074423	Application of the Saturn V launch vehicle to unmanned scientific exploration of the solar system	1966
19670074426	Methods for obtaining any phase shift of maximal linear sequences	1966
19670074427	Far infrared laser receiver investigation Interim technical report, 1 Sep. - 30 Nov. 1966	1966
19670074428	An experimental study of Tonks-Dattner resonances in rare gas plasmas	1966
19670074429	Aerodynamic demonstration of the CH-53A HELICOPTER for the Naval Air Systems Command	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074432	Aircraft instrumentation to measure cloud reflectance properties and the atmospheric attenuation of solar and infrared energy Interim scientific report	1966
19670074444	Chromium and chromium alloys	1966
19670074450	Feasibility of developing a consumable rocket motor for cloud nucleation	1966
19670074451	Development on high temperature insulation materials Quarterly report, 1 Sep. - 1 Dec. 1966	1966
19670074454	Development of a fluid state ratio computer, part IV. Final technical summary report, Mar. 1, 1964 - Apr. 15, 1965	1966
19670074467	Experimental investigation of the limit load-carrying capacity of flat notched bars under tension	1966
19670074469	Recovery and internal oxidation of columbium and columbium alloys Final report, 30 Mar. 1964 - 30 Mar. 1966	1966
19670074471	Effects of stress ratio on fatigue crack growth and mode of fracture in 2024-T4 and 7075-T6 aluminum alloys in the low-cycle range Summary report, Jan. 1963 - Jan. 1965	1966
19670074472	Accuracy of cartometric data Final technical report, 1 Oct. 1964 - 30 Sep. 1966	1966
19670074474	Catecholamine excretion, performance, and subjective stress	1966
19670074476	Acoustic perception and acoustic memory of letters. Multidimensional ratio scaling and multidimensional similarity	1966
19670074479	Calculations of the effects of peak clipping on speech-like signals	1966
19670074482	Computer program for determining the thermal environment and temperature history of earth orbiting space vehicles, volume 1	1966
19670074483	Measurements of low radar-cross-section targets	1966
19670074502	Production engineering measure for high reliability aluminum electrolytic capacitors Quarterly progress report, 20 Sep. - 20 Dec. 1966	1966
19670074503	High magnetic permeability in Ni-Fe alloys Research report, Jul. 1964 - Jan. 1966	1966
19670074506	Survey of aircraft thermal control systems Final report, May 1965 - Apr. 1966	1966
19670074507	High speed semiconductor switch /two terminal/ and high speed semiconductor switch /gate/ Quarterly report, 29 Aug. - 29 Nov. 1966	1966
19670074512	Visual search by night	1966
19670074514	Ecology of the snow algae in the front range of Colorado	1966
19670074517	Mathematical approximation of sweptback configurations by Cardiac	1966
19670074521	A versatile, efficient Faraday disk generator	1966
19670074524	A one-shot pulse amplifier and trigger circuit	1966
19670074525	A study of the decomposition mechanism of ammonium perchlorate Quarterly report, 1 Oct. - 31 Dec. 1966	1966
19670074526	Thermochemical, compatibility, and wettability studies of high-temperature molybdenum- rhenium base cermets	1966
19670074527	Optimum structural design concepts for aerospace vehicles - Bibliography and assessment	1966
19670074529	On assumed displacements for the rectangular plate bending element	1966
19670074530	The development of high-speed non-metallic turbines and their application to nuclear magnetic resonance spectroscopy First annual technical report	1966
19670074534	Earth coverages from satellites at 20,000 and 50,000 N mi	1966
19670074535	Classification and distribution of functional failures for Saturn I and Saturn IB VEHICLES observed during pre-static, static, post-static, and pre-launch testing Special technical report no. 38	1966
19670074537	Fatigue tests with random and programmed load sequences, with and without ground-to- air cycles. A comparative study on full- scale wing center sections Final report, Sep. 1960 - Dec. 1965	1966
19670074543	Contact properties and related conduction phenomena in insulating cadmium sulphide Technical report, 1 Oct. 1964 - 1 Mar. 1966	1966
19670074545	Constant impedance pulse-shaping networks	1966
19670074553	Solid state laser devices Semiannual progress report, 1 Mar. - 31 Aug. 1966	1966
19670074554	Preliminary design study for a HI-HICAT VEHICLE and instrumentation system Final report	1966
19670074559	Study of micrometeoroid damage to thermal control materials Final report	1966
19670074561	Production engineering measure to improve production techniques and increase the reliability of the SCL7004/21 and SCL7004/ 22 transistors Quarterly progress report, 1 Sep. - 30 Nov. 1966	1966
19670074565	An experimental investigation of dynamic crack propagation in plastic and metals Final report, 1 Apr. 1965 - 28 Feb. 1966	1966
19670074566	Analyses of elasto-plastic plates with cracks	1966
19670074570	Atmosphere, volume 4, number 3, fall 1966	1966
19670074571	Some results and prospects of scientific research in the institutes of the hydrometeorological service of the USSR /1965-1966/	1966
19670074572	A note on the extreme intensity of ground- based temperature inversions at Canadian Micrometeorological Towers	1966
19670074573	The highest temperature in Canada /ques/	1966
19670074576	Hydrofoil theory	1966
19670074577	The revival of Macrobiotus areolatus Murray /tardigrada/ from the cryptobiotic state	1966
19670074578	Reduction and analysis of Project Fish Bowl magneto-telluric data from the 1962 high altitude test series, part II FINAL report, Apr. 1963 - Jun. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074581	Automated method for the large deflection and instability analysis of three-dimensional truss and frame assemblies Final report, Nov. 1965 - Mar. 1966	1966
19670074582	Continued evaluation of Giannini model 580T3 data acquisition and statistical recorder Final report	1966
19670074589	Production engineering measure on 2N3375 silicon overlay transistor. Volume 2 - Process specification manual Final report, 1 Jan. 1965 - 30 Jun. 1966	1966
19670074590	Studies on snow algae and fungi from the front range of Colorado	1966
19670074593	Automatic recognition of continuous speech. Volume II - Application of automata theory to automatic speech recognition Final technical report, Dec. 1965 - Nov. 1966	1966
19670074597	Study of helicopter gear lubrication Quarterly progress report, Sep. - Nov. 1966	1966
19670074599	Nimbus B/SNAP-19A hazard study, phase II. LAUNCH vehicle failure mode analysis	1966
19670074603	Study of lunar geophysical surface and subsurface probes for Apollo application program. Volume I - Summary technical report Final report	1966
19670074604	Study of Lunar Geophysical Surface and Subsurface Probes for Apollo Application Program. Volume III - Technical Development Plan Final Report	1966
19670074605	Study of Lunar Geophysical Surface and Subsurface Probes for Apollo Application Program. Volume II - Detailed Technical Report Final Report	1966
19670074606	Lead telluride non-magnetic bonding research study Quarterly report, 1 Mar. - 31 May 1966	1966
19670074607	Lunar geophysical surface and subsurface probes for Apollo applications program. Volume II - Summary technical report Final report	1966
19670074608	Photographic subsystems study Apollo applications program lunar orbital survey missions Final technical report	1966
19670074609	First issue to directory of computer programs available from Cosmic	1966
19670074611	Test results from the boundary layer facility. Theory and experimental comparison	1966
19670074615	Propellant tankage evaluation for cryogenic space propulsion stages	1966
19670074616	Advanced nitroso polymers, 4 March - 3 November 1966	1966
19670074621	Atmospheric energy change by pollution of the upper atmosphere	1966
19670074634	Use of kryptonates in materials research Summary technical report, 31 Dec. 1965 - 30 Apr. 1966	1966
19670074643	The development of high performance porous tungsten ionizers Final report, Mar. - Nov. 1966	1966
19670074644	Drag and dynamics of single and clustered parachutes in freestream and with wake and ground effects	1966
19670074645	Trinidad tracker improved range resolution program Final report	1966
19670074648	Compilation of representative sensor imagery Final report, 28 Apr. 1965 - 15 May 1966	1966
19670074652	Algebra of currents and the K deg 1 - K deg 2 mass difference II plus	1966
19670074654	The Ca46 /He3, d/ Sc47 reaction	1966
19670074655	Low energy pion - kaon and pion - pion interactions from the SU x SU3 algebra of currents	1966
19670074657	Research on refinement and interpretation of gravity anomaly computations Annual technical status report no. 2, 1 Aug. 1965 - 31 Jul. 1966	1966
19670074667	Application of ATC radar beacon system experimentation Final report	1966
19670074675	The dynamic properties of epoxy resins	1966
19670074676	The estimation of diphenylamine in propellants using high frequency titration	1966
19670074678	Comparison of measurements and estimates for moments of inertia of aircraft	1966
19670074679	Airborne thermoplastic real-time recorder display Final technical documentary report, Jun. 1963 - Aug. 1966	1966
19670074681	The effect of axial clearance on the performance of a dual discharge radial turbine	1966
19670074690	The calculation of the general stiffness by the "Direct Method"	1966
19670074692	Corrosion of titanium	1966
19670074696	Machining data for numerical control. Peripheral end milling	1966
19670074697	Development of a fluid state ratio computer. Part II - System design and component development Interim technical report, 30 Jun. - 2 Nov. 1964	1966
19670074699	Microwave phenomena Final report, 1 Mar. 1964 - 30 Sep. 1966	1966
19670074700	Production engineering measure for silicon npn switching transistors Quarterly progress report, 25 Aug. - 25 Nov. 1966	1966
19670074701	Lunar geophysical surface and subsurface probes for Apollo applications program. Volume I - Detailed technical report Final report, 28 Jun. 1965 - 27 May 1966	1966
19670074703	Absolute stability of nonlinear control systems	1966
19670074706	Ranger vehicle post flight structural dynamic evaluation, volume 2 - Data package	1966
19670074710	On the interaction of atoms with the surface of a solid body	1966
19670074711	Investigation of fluid state devices for instrumentation and computation of air data /FLICA/ Final report, 1 Apr. 1965 - 1 Oct. 1966	1966
19670074719	Self-organizing and learning control systems	1966
19670074725	Classified supplement to Sandia Corporation Aerospace Nuclear Safety Quarterly report, Oct. 1 - Dec. 31, 1965	1966
19670074729	Low pressure experiments with the magnetoplasmadynamic thruster using argon as the propellant	1966
19670074736	The increase in stagnation temperature produced by pre-heating the working gas in a hypersonic gun tunnel	1966
19670074740	Vibrations of elastically restrained thin cylindrical shells subjected to viscous damping	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074744	Space charge limited microwave mixers Interim technical report, May - Jul. 1966	1966
19670074745	Binding energies of the next inner subshell of atoms and ions from B to Zn	1966
19670074749	Production engineering measure on 2N3375 silicon overlay transistor. Final report, 1 Jan. 1965 - 30 Jun. 1966	1966
19670074754	Dimensional techniques as applied to propellant handling problems	1966
19670074758	Aerospace nuclear safety Quarterly report, 1 Oct. - 31 Dec. 1965	1966
19670074761	Oak Ridge National Laboratory status and progress report, November 1966	1966
19670074762	Application of parameter plane techniques in oscillator circuits	1966
19670074763	Production engineering measure for type CR- /XM-57//U crystal units Quarterly report, Jul. - Sep. 1966	1966
19670074764	Production engineering measure for type CR- /XM-60//U crystal units Quarterly report, Jul. - Sep. 1966	1966
19670074765	Design and construction of a prototype echo-suppressor for use on HS 303 satellite experimental circuits Research report, Dec. 1964 - Aug. 1965	1966
19670074768	Investigation of a steady-state discharge in argon at high current densities	1966
19670074769	Minuteman exhaust plume impingement heating study - results obtained from 7 second Minuteman static firings	1966
19670074770	Cruft Laboratory semiannual progress report, 1 January - 1 July 1966	1966
19670074771	Very low frequency propagation	1966
19670074772	Electron and solid state physics	1966
19670074773	Automatic control	1966
19670074774	Communications and networks	1966
19670074775	Microwave application of ferromagnetic and ferroelectric materials	1966
19670074776	Electromagnetic phenomena	1966
19670074777	Runway friction measuring equipment	1966
19670074796	The effect of a horizontally structured field and target brightness on visual search and detection times	1966
19670074797	Technical development of the Aircraft Maintenance Analysis System /AMAS/ for the L-2000-7A SST /Phase II-C/	1966
19670074800	Titanium - 1966	1966
19670074801	Titanium - yesterday, today, and tomorrow	1966
19670074802	Basic titanium metallurgy	1966
19670074803	Titanium process metallurgy	1966
19670074804	The microscopy of titanium	1966
19670074805	The corrosion resistance of titanium	1966
19670074807	Titanium extrusion - Status report 1966	1966
19670074808	Critical aspects of forming titanium alloys	1966
19670074809	The machining of titanium	1966
19670074810	Welding of titanium alloys	1966
19670074811	Diffusion bonding and brazing	1966
19670074821	Electronic data processing and cybernetics	1966
19670074822	Theory of stochastic automata. I	1966
19670074823	Outline of a general circuit theory /analysis/	1966
19670074824	An approach to the system theoretical simulation of adaptive processes with stochastic input	1966
19670074825	Symposium on "Psychological problems of cybernetic research"	1966
19670074828	First National Symposium of the Center for High-Energy-Rate Forming	1966
19670074829	The Center for High-Energy-Rate Forming	1966
19670074830	Explosive metalworking studies at the U.S. NAVAL Ordnance Test Station	1966
19670074831	Explosive forming at Philco Corporation	1966
19670074832	Gas-detonation forming	1966
19670074833	Explosive forming at LTV Vought Aeronautics Division	1966
19670074834	Explosive fabrication at Battelle-Columbus	1966
19670074835	Air Force Materials Laboratory interests and past experience in high-energy-rate forming of metals	1966
19670074836	Navy Department's sponsored work in high- energy-rate forming	1966
19670074837	Explosive forming at Martin-Denver	1966
19670074840	F-1 engine heat exchanger simulation - Steady and unsteady conditions with effect of soot deposition	1966
19670074841	Two-phase /gas-liquid/ flow analysis	1966
19670074853	Feasibility study of the use of liquid explosives and associated components	1966
19670074860	The effects of the earth's albedo on the cloud affected signature of X-ray induced fluorescent light from nuclear bursts in space	1966
19670074864	Series switching in nuclear heated thermionic elements	1966
19670074866	The behavior of diamagnetic particles in magnetic moving field with a view to use in propulsion and MHD technology of spacecraft	1966
19670074867	R.R.E. Newsletter and Research Review	1966
19670074868	The study of multi-phase diffusion in three- component metallic systems Final report 16 Dec. 1965 - 15 Dec. 1966	1966
19670074871	Evaluating the reliability of an accelerated test for qualifying ozone-protective waxes Quarterly progress report, Aug. 15 - Nov. 15, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074887	Preliminary design study of a lunar gravity simulator Final report, 15 Jun. - 14 Oct. 1966	1966
19670074892	Nonparametric estimation of reliability and other life quality parameters Quarterly progress report, 23 Aug. - 23 Nov. 1966	1966
19670074909	Apollo/Saturn V facility description. Volume III - KSC provided Saturn V GSE SYSTEM description	1966
19670074911	Apollo/Saturn V - Facility description. Volume IV - KSC Apollo spacecraft facilities and GSE system description	1966
19670074913	Eta decays with Dalitz pairs	1966
19670074914	Product research report, 1965 - Electrical/ electronic, volume I	1966
19670074915	The effect of surface tension on ship wave resistance	1966
19670074916	Thermal radiation from solid-rocket exhaust plumes, volume I	1966
19670074918	Research on whisker-reinforced metal composites Final report, 24 Mar. 1965 - 23 Mar. 1966	1966
19670074948	Advanced experimental thrust chamber program /Phases I and II/ Final report, 21 Apr. - 28 Dec. 1966	1966
19670074950	Actual extent of useful life of parachute canopy, part III	1966
19670074954	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles /P-115/ Final report	1966
19670074960	Refractory material standards Technical report, 1 Jun. 1965 - 31 Jul. 1966	1966
19670074966	Automated biological laboratory study Monthly progress report, 31 Oct. - 30 Nov. 1966	1966
19670074979	The study of an adaptive servomechanism to be applied to a missile roll control system with particular reference to 'miartes'	1966
19670074983	Plastic deformation of plates subjected to a general Gaussian distribution of impulse	1966
19670074986	Cross sections for incoherent X-ray scattering	1966
19670074987	Cross sections for coherent X-ray scattering	1966
19670074989	Mission profiles - LOH	1966
19670074991	Design, development, testing and fabrication of a thermoelectric cryogenic sensor Quarterly report	1966
19670074993	ESRO 2 magnetometer design case summary	1966
19670074995	Section E - Airline comments, supplement no. 1	1966
19670075006	Electronics equipment reliability analyses and practices	1966
19670075007	A ring-counter employing a multiplicity of gas diodes and photo-diodes in one envelope	1966
19670075010	Semiannual status report, May - October 1966	1966
19670075012	Development of a low range absolute pressure calibration system Technical summary report, Jun. 1964 - Jun. 1966	1966
19670075017	A study of Teflon bladder design criteria for use in the expulsion propellant tanks of the Apollo-Saturn and lunar orbiter vehicles Monthly progress report, 1-30 Apr. 1966	1966
19670075032	Experimental shock-tube investigation of conditions behind incident and reflected shocks in air for shock Mach numbers between 8.5 and 16.5	1966
19670075035	Automation of gain selection for control systems	1966
19670075036	Theoretical study of the radiative emissivity of materials - Part II Technical summary report, Apr. 1, 1963 - Apr. 30, 1966	1966
19670075044	Future development of gas turbines and high performance compressors	1966
19670075045	Reprocessing of U/Th fuel for high temperature gas cooled power reactors	1966
19670075046	Final board of inquiry findings on failure of LOX distribution system Final report	1966
19670075054	The development of flashing flow from existing nucleation sites	1966
19670075059	Density measurements on solid neon and argon Final report, Jul. 1965 - Jun. 1966	1966
19670075062	Development, test and evaluation of integrated capsular physiological protective garment assemblies	1966
19670075076	Astronautic structures manual, volume I	1966
19670075078	Flying Qualities Conference	1966
19670075079	USAF views on handling qualities criteria	1966
19670075080	Navy views on flying qualities design requirements	1966
19670075081	Some Army views on airplane flying qualities specifications	1966
19670075082	AFFTC experience with -8785	1966
19670075083	MIL-F-8785 from the United States Navy flight test viewpoint	1966
19670075084	FAA views on flying qualities and testing	1966
19670075085	Douglas Aircraft Company experience with current military airplane flying quality requirements - MIL-F-8785	1966
19670075086	General Dynamics/Fort Worth views and experience	1966
19670075087	Lockheed-Georgia suggestions for updating MIL-F-8785	1966
19670075088	Handling qualities interfaces	1966
19670075089	Panel Summary	1966
19670075090	Recent handling qualities research at the Cornell Aeronautical Laboratory	1966
19670075092	Remarks	1966
19670075093	The inter-relationships between structural load alleviation using stability augmentation and flying qualities for a large flexible airplane	1966
19670075094	Flying qualities requirements - Civil versus military	1966
19670075096	Moment approximation to the Boltzmann equation for a degenerate electron gas	1966
19670075097	Stress-wave detection Saturn S-II Final report, 17 Jan. - 30 Nov. 1966	1966
19670075099	Research and development on the pulsed plasma accelerator /REPPAC/ Semiannual report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075104	Design and fabrication of multi-specimen tensile test loops Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19670075105	The cavitation limits of a liquid/liquid jet pump	1966
19670075118	Experimental investigations of a hydrogen arc in an axial magnetic field	1966
19670075122	Orbiting radio astronomical observatory Final report	1966
19670075124	Experimental and analytical studies of plasma transport properties Semiannual progress report, Jun. 1 - Nov. 30, 1966	1966
19670075125	Manufacturing processes, techniques and equipment for epitaxially depositing thin film of polycrystalline zinc oxide on suitable refractory substrates, using the vapor transport and/or hydrothermal techniques Interim report, 23 May - 23 Aug. 1966	1966
19670075127	J-2 engine qualification, engine J2032 rocket engine inspection after test Final report, 5 Jan. - 8 Mar. 1966	1966
19670075143	A study of the interaction of gaseous jets from transverse slots with supersonic and hypersonic external flows	1966
19670075168	Technical manual - Base support services contractor - Heavy equipment operations and maintenance, volume 4	1966
19670075196	Investigation of high and low temperature resistant explosive devices /U/ Annual report, 1 Jan. - 31 Dec. 1966	1966
19670075310	Drag of flat parallel to hypersonic near free molecule flow	1966
19670075312	The structure of clouds in temperate and tropical zones as indicated by measurements from airplanes Scientific report, Jan. 1966 - Jan. 1967	1966
19670075314	Study of launch facilities for improved Saturns. Volume III - MLV SAT INT-20, AND -21 Phase III final report, 21 Mar. - 20 Dec. 1966	1966
19670075315	Study of launch facilities for improved Saturns. Volume IV - MLV SAT INT-17, -18/S/A, and -18/S/B Phase III final report, 21 Mar. - 20 Dec. 1966	1966
19670075316	Study of launch facilities for improved Saturns. Volume V - Executive summary Phase III final report, 21 Mar. - 20 Dec. 1966	1966
19670075320	A shock tube study of the radiative combination of oxygen atoms by inverse predissociation	1966
19670075344	Development of dispersion strengthened tungsten base alloys Summary report, 1 May 1965 - 30 Apr. 1966	1966
19670075346	Fluorinated polymers and fluids Summary report, Dec. 1965 - Nov. 1966	1966
19670075367	Doping study of light metal based fuels Final technical report, 3 Jan. - 4 Oct. 1966	1966
19670075372	The development of photo-tape manufacturing methods Final technical report, 23 Dec. 1964 - 31 Oct. 1966	1966
19670075376	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Sep. - 30 Nov. 1966	1966
19670075377	The planing characteristics of a 15-degree deadrise surface with circular-arc camber Final report	1966
19670075391	A document reproduction device based on the reduced layer formation process Final report	1966
19670075398	Decision Sciences Laboratory biennial progress report Final report, Jul. 1964 - Jun. 1966	1966
19670075399	The effect of carbon fibre reinforcement on the friction and wear of polymers	1966
19670075419	Study of launch facilities for improved Saturns. Volume II - MLV SAT V-3B, -4/S/B, -25/S/, and -23/L/ Phase III FINAL report, 21 Mar. - 20 Dec. 1966	1966
19670075420	Vertical distribution of ozone in the earth's atmosphere	1966
19670075437	A study of tungsten alloys for rocket nozzles	1966
19670075440	Production Engineering Measure /PEM/ FOR silicon mixer diode Quarterly progress report, 1 Oct. - 31 Dec. 1966	1966
19670075444	A study of the use of thin tantalum layers in micro-circuit fabrication Annual report	1966
19670075450	The theory of reflector antenna	1966
19670075451	Test plan for evaluation of gyro test parameters	1966
19670075454	Ground based fluorescent light detection of nuclear bursts in space thru broken clouds - The "polka-dot" sky	1966
19670075457	Shock curvature and gradients at the tip of pointed axisymmetric bodies in nonequilibrium flow	1966
19670075459	High purity gallium phosphide Annual report	1966
19670075468	Information transmission in speed perception and in locomotion	1966
19670075478	Effect of ionospheric depression on long- range communications at low and very low frequencies Final report, Mar. - Nov. 1966	1966
19670075570	Digital-computer implementation of linear systems Technical report, Jan. 1965 - Aug. 1966	1966
19670075572	Cathodic cleaning of aluminum alloys for X-ray-clear welds	1966
19670075577	Evaluation of materials and equipment recovered from the B-17E aircraft "My Gal Sal" Technical report, 1 Jul. 1965 - 15 Jun. 1966	1966
19670075589	Techniques for airborne radome design, volume II Final report	1966
19670075603	Investigation of the possibility of increasing the assaying requirements for butyl rubber insulation and neoprene coverings of navy cables	1966
19670075604	Research on properties of coupled cavity slow wave structures Annual report	1966
19670075607	Fatigue behavior of mechanically peened HY-80 weldments subjected to axial loading Final report, Feb. 1965 - Jun. 1966	1966
19670075609	Research on broadband clover leaf structures Annual report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075627	Some aspects of night visibility useful for Air Force operations	1966
19670075630	Radiation effects prediction for a pulse width modulated servo amplifier	1966
19670075631	Primary structure titanium material selection for model L-2000	1966
19670075634	Development of a large-ion counter of high sensitivity Final technical report	1966
19670075635	Molecular electronics for radar applications, phase II Annual report, 1 Dec. 1965 - 30 Nov. 1966	1966
19670075638	Survey of ceramic fibers and fibrous composite materials Technical report, Oct. 1965 - Oct. 1966	1966
19670075759	Aerodynamic interference effects with jet-lift V/STOL aircraft under static and forward- speed conditions	1966
19670075766	A ballistic-wind tunnel test technique for measuring shock-on-shock interactions Interim technical report	1966
19670075769	Structure of vapor-deposited boron filaments Technical report, 1 Jul. 1965 - 1 Aug. 1966	1966
19670075771	Electro-Optical Techniques Final technical report, 1 May 1964 - 15 Oct. 1966	1966
19670075774	Saturn V Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19670075781	Research on high resolution, high efficiency phosphors, RP2-21 Annual report	1966
19670075782	Research on mirror tubes, RP2-11 Annual report	1966
19670075783	Study of multi-alkali photocathodes, RP2-23 Annual report	1966
19670075787	Some observations of electrode attachment areas of magnetically driven high current arcs Final report, Jun. 1965 - Jul. 1966	1966
19670075788	Large aircraft validation of a force wheel steering technique with a split axis configuration Technical report, Apr. 1964 - Feb. 1965	1966
19670075793	Supersonic transport impact on the commercial airplane market	1966
19670075801	An on-line digital integrator for physiological data	1966
19670075802	Exploratory development of high-temperature heat exchangers Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19670075803	Theory of vibrations of pairs of defects in silicon	1966
19670075806	Experimental research of mixing in bypass turbojet engines	1966
19670075808	Error tolerance for short samples of hard limited noise	1966
19670075810	A theoretical and experimental investigation of ion acoustic wave dispersion in a non- uniform highly ionized argon plasma	1966
19670075816	The conformational analysis of saturated heterocyclic compounds Final technical report, Sep. 1965 - Aug. 1966	1966
19670075823	Bibliography on ferromagnetic alloys of the permalloy type Interim report	1966
19670075825	Spherical attitude measurement	1966
19670075837	XC-142A. VTOL transport program Monthly progress report, Nov. 1966	1966
19670075839	Materials investigation SNAP 50/SPUR PROGRAM. Elevated-temperature tensile properties and ductile-brittle transition temperature of forged TZM alloy	1966
19670075848	RP2-10. Research on slow wave structures. A study of the cloverleaf slow wave circuit Final report	1966
19670075852	Applications of the theory of nonlinear viscoelasticity to solid propellant rocket motors Final report	1966
19670075860	The growth of single crystals and epitaxial layers of zinc selenide Annual research report	1966
19670075863	Material investigation SNAP 50/SPUR program. Elevated-temperature fatigue studies of wrought, stress-relieved TZM alloy	1966
19670075871	Production engineering measure for a phase II super power hydrogen thyratron tube Quarterly progress report, 7 Jun. - 6 Sep. 1966	1966
19670075885	Tests of structural components - SST PHASE II, volume II	1966
19670075895	Extrusion of refractory metals and superalloys Final technical report, 1 Aug. 1965 - 15 Jul. 1966	1966
19670075901	Argon internally phase-modulated laser Final report, 15 Jan. - 31 Oct. 1966	1966
19670075907	Aerospace ground equipment. SLV-3 follow-on test parameters, 69-00714-1, book no. 1	1966
19670075908	Development of manufacturing methods for improved delay lines Interim engineering progress report, 1 Jan. - 31 Oct. 1966	1966
19670075913	Radome protection from the higher lightning discharge currents Quarterly report	1966
19670075914	Results of a study to determine causes of crazing in chrome plating on 7075-T6 aluminum alloy, effects of crazing on corrosion, and conditions to control or eliminate crazing Final report	1966
19670075919	Infrared spectra of selected unsaturated aliphatic acids and acid derivatives Technical report, May - Sep. 1964, Apr. 1965 - Apr. 1966	1966
19670075920	Quantitative chemical analysis of small surface areas of tungsten metal for zirconium Technical report, Oct. 1965 - May 1966	1966
19670075921	Electrical resistivity of copper, Manganin, Evanohm, Cupron, and Constantan at cryogenic temperatures Interim report	1966
19670075934	SST icing characteristics and wind tunnel test program Preliminary report	1966
19670075941	Air traffic demand, 1967 - 1990	1966
19670075947	Investigation of steam noise from a one-inch LS-4 Leslie reducing valve	1966
19670075949	Interplanetary search program	1966
19670075965	United Aircraft and Canada Limited model YT74-CP-8A turboprop engine - Limited sea level and altitude starting evaluation Final report, 18 Aug. - 27 Sep. 1966	1966
19670075972	A compilation of tables of meteorological visibility statistics	1966
19670075977	A shock tube study of the radiative processes in systems containing atomic oxygen and carbon monoxide at high temperature	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075981	A numerical solution of the stresses at the intersection of two cylindrical shells Final report, Jun. 1965 - May 1966	1966
19670075991	Development of a rapid start system for the Boeing model 502-2E gas turbine engine Final report	1966
19670075997	XB-70A wheel brake control system checkout and acceptance	1966
19670076002	Ion chemistry Annual summary report, 1 Nov. 1965 - 31 Oct. 1966	1966
19670076008	Servicing and functional testing of the complete fuel system, XB-70A air vehicle	1966
19670076009	Chatter behavior of heavy machine tools Quarterly technical report, 1 Jul. - 30 Sep. 1966	1966
19670076013	Polyurethane elastomeric compound CPS 796-80, type III Qualification test report	1966
19670076023	Criteria for the selection of research projects Final report	1966
19670076027	Research on electron-photon interaction phenomena Quarterly progress letter report, 3 Sep. - 2 Dec. 1966	1966
19670076028	Theory of graded heterojunctions	1966
19670076029	Light effects on space-charge-controlled currents	1966
19670076043	Surge current hazards to semi-conductor and electro-explosive systems Quarterly report	1966
19670076047	Gas bearing fabrication and measurement techniques	1966
19670076048	Plasma characteristics of natural lightning in relation to aircraft Quarterly report	1966
19670076053	Development of a low inertia motor Final report	1966
19670076079	Materials investigation, SNAP 50/SPUR PROGRAM. Creep properties of a TZM forging at 1900 deg F Technical report, Jan. 1965 - Sep. 1966	1966
19670076084	A brief survey of satellite orbit determination	1966
19670076091	C.V.D. research project RP3-57 - Bi-colour C.R.T. display Annual report	1966
19670076095	Canadian Armament Research and Development Establishment Annual report, 1966	1966
19670076113	Scattering of electromagnetic waves by rough surfaces	1966
19670076114	Low drag boundary layer suction experiments on a pointed body of revolution of 9.2 inch maximum diameter at high length Reynolds numbers and Mach numbers between 2.5 and 3.5 Technical report, Nov. 1963 - Apr. 1965	1966
19670076118	Diffraction grating efficiency in the XUV, REPORT on the state of the art Final report, 25 Mar. - 15 Sep. 1966	1966
19670076123	Electronography Annual report	1966
19670076133	The determination of trace elements in tungsten and molybdenum by atomic absorption spectrophotometry Summary technical report, Dec. 1965 - Jun. 1966	1966
19670076137	Photosensitive array correlator Quarterly report, 1 Jul. - 1 Oct. 1966	1966
19670076138	The activation energy for the energy transfer process CO ^{over2} plus O ₂ yields CO ₂ plus O ^{over2}	1966
19670076155	Radiative capture of positrons by electrons and the use of the Born approximation	1966
19670076156	Fuel cell technology Quarterly progress report, 25 May - 25 Aug. 1966	1966
19670076164	Effect of high gravity on a living organism - Preliminary report	1966
19670076171	Production Engineering Measure /PEM/ FOR silicon varactor diode Quarterly progress report, 1 Oct. - 31 Dec. 1966	1966
19670076172	High strength-high modulus carbon fibers Annual summary report, 1 Apr. 1965 - 31 Mar. 1966	1966
19670076177	Telemetry Technical report, 1 May 1964 - 30 Apr. 1966	1966
19670076199	Sensitivity analysis of self-excited oscillations in non-linear systems. An application to electronic oscillators	1966
19670076208	Apollo missions and navigation systems characteristics	1966
19670076211	On the evaluation of welded and brazed stainless steels and superalloys in a corrosive environment Progress report, 1 Sep. - 30 Nov. 1966	1966
19670076212	C.V.D. progress report, May 1966 - October 1966	1966
19670076213	Injection luminescence in silicon carbide, the etching of alpha-sic, C. V. D. research project RP3-52	1966
19670076214	The probability scoring model for scoring voice communications reception Interim study report	1966
19670076218	Optical pumps for lasers - Phase II QUARTERLY progress report, 1 Jul. - 30 Sept. 1966	1966
19670076224	Development of a second generation jet blast deflector	1966
19670076227	Two-axis angular vibration test results on a single-degree-of-freedom integrating gyroscope	1966
19670076228	Reliability assessment of the AIMP satellite Final report, Sep. 1964 - Jul. 1966	1966
19670076235	Qualification of Texas Inst. Inc. diodes	1966
19670076236	Gallium-arsenide laser array Interim report	1966
19670076237	Statistical evaluation of the composition, physical properties, and surface configuration of terrestrial test sites and their correlation with remotely sensed data Semiannual status report, Mar. 31 - Sep. 30, 1966	1966
19670076252	Progress report for October 1966	1966
19670076253	Program for development of X-band crossed- field amplifier Final engineering report, 28 Jun. 1964 - 28 Sep. 1966	1966
19670076254	Radiometric analysis of pulsed laser ranging Final report	1966
19670076255	Corrosion at 4500 foot depth in tongue-of-the- ocean	1966
19670076264	Video processing and electronic reduction system /VIPER/ Final report, 1 May 1965 - 1 Nov. 1966	1966
19670076265	Research on gas plated refractory metal coatings for liquid metal compatibility investigation Quarterly report, 1 May - 31 Jul. 1966	1966
19670076270	Piezo-electric amplification in semiconductors Annual report	1966
19670076281	Application experience with the B-70 flight test data system	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076283	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Oct.- 31 Dec. 1966	1966
19670076286	Abstracts of active contracts - Air Force Materials Laboratory Technical report, 15 Aug. 1965 - 15 Aug. 1966	1966
19670076288	Proceedings of the Timers for Ordnance Symposium, volume III	1966
19670076289	Orthocore magnetic logic	1966
19670076290	Ceramic memory for ordnance fuzing	1966
19670076291	Time delay unit	1966
19670076292	Pyrotechnic timers	1966
19670076293	An integrated complementary MOS 12-stage binary counter	1966
19670076294	Cylinder escapement performance	1966
19670076295	Manufacture of a stable low-frequency oscillator for high stress application	1966
19670076296	Integrated circuits for time bases in electronic timers	1966
19670076298	Study of thin film oxide electrolytes Progress report, 1 Sep. - 1 Dec. 1966	1966
19670076320	SNAP-8 electrical generating system development program Progress report, 1 Jul. - 30 Sep. 1966	1966
19670076330	A medium precision variable RC-timer for artillery rounds	1966
19670076331	Handbook for producing a folder for a library of annotated aerial photographs	1966
19670076338	Properties of principal cryogenics	1966
19670076360	Chatter behavior of heavy machine tools Quarterly technical report, 1 Oct. - 31 Dec. 1966	1966
19670076362	Structural test plan for static and fatigue test on complete airframes - SST	1966
19670076365	Techniques required to build up a library of annotated aerial photographs Final technical report, Nov. 1965 - Nov. 1966	1966
19670076367	An evaluation of new and potentially heat resistant glass reinforced plastics Final report, 1 Jun. 1965 - 30 Sep. 1966	1966
19670076374	Fifty-hour preliminary flight rating test - Advanced fuel control and combustion system for turboprop engines Test report	1966
19670076380	Theory of numbers. Part II - On random walks Second annual technical status report	1966
19670076390	A.S.M. Limited progress report to C.V.D., MAY - October, 1966	1966
19670076399	C.V.D. research project RP3-54 - Metal ceramic seal technology Annual report	1966
19670076401	Study-design concept of a despun heat shield Bimonthly status report	1966
19670076403	C.V.D. research project RP6-36 - Study of ion implantation in semiconductors Annual report	1966
19670076405	Arc melting superalloys for extrusion studies Summary report, Apr. 1965 - Jun. 1966	1966
19670076408	Bond energy relationships in polyvalent metal fluorides	1966
19670076417	A high-resolution rapid-scan receiver and signal recorder for communications frequencies Final report, Dec. 1965 - Dec. 1966	1966
19670076418	Study of fast recovery thyatron	1966
19670076437	Scattering from small obstacles on an infinite conducting plane	1966
19670076443	XC-142A. VTOL transport program Monthly progress report, Oct. 1966	1966
19670076447	Electron-ionization cross sections Semiannual progress report, Jun. 16 - Dec. 15, 1966	1966
19670076450	A fluidic timer for missile applications	1966
19670076463	On the measurement of human operator describing functions in flight experiments	1966
19670076464	Flodyne Controls, Inc., Ball Valve, 4-Way, Pressure and Manually Operated Manufacturer's Model Number 10C45 NASA Part Number 75M- 06284, Rev. A Manufacturer's Model Number 10C46 NASA Part Number 75M-18417, Rev. A Test Report	1966
19670076467	Redline parameters SLV-3 follow-on 69-00717. Book No. 1-1	1966
19670076472	Development of semi-precision quartz frequency control units Final engineering progress report, 1 Jul. 1962 - 11 Jul. 1966	1966
19670076474	Study of Advanced Electrical System Techniques and Requirements of Future Launch Vehicles. Volume II - Detailed Technical Report, Appendices A Through G Final Report, 29 Jun. 1965 - 28 Jun. 1966	1966
19670076475	Meteorological observations in Canada Monthly record, Nov. 1966	1966
19670076482	Development of a method of characteristics solution for supersonic flow of an ideal, frozen, or equilibrium reacting gas mixture	1966
19670076491	Study of high voltage thyristors for pulse operation	1966
19670076494	Maximum density integrated circuits by electron beams Interim technical report, 16 Jun. - 31 Oct. 1966	1966
19670076497	Propulsion system SLV-3 follow-on test parameters, 69-00718 Book No. 1	1966
19670076502	Graphite fibers as reinforcements in a metal matrix - A definition and discussion of the problem Technical report, Mar. - Oct. 1966	1966
19670076512	Biosatellite radiation and general biology spacecraft systems qualification test Final report	1966
19670076515	Determination of mass absorption coefficients and fluorescent yields Final technical report, 1 Sep. 1965 - 31 Aug. 1966	1966
19670076525	Production Engineering Measures /PEM/ for a germanium microwave transistor Quarterly reports, 31 Mar. - 31 Dec. 1966	1966
19670076534	Production engineering measure on CR-/XM-53//U quartz crystal units Quarterly report, Aug. - Oct. 1966	1966
19670076545	Quarterly title list of reports etc. for the period ending December, 1966	1966
19670076549	Advanced valve technology Interim report, 1 Sep. 1965 - 1 Nov. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076553	Gas generator propellant charge and igniter for the standard range Shillelagh missile system /U/ Accelerated storage program report	1966
19670076568	Supersonic chemical propulsion feasibility flight demonstration for a low altitude short range missile. Volume III - Vehicle development and flight test planning /U/ Midterm report, 15 Feb. 1965 - 1 May 1966	1966
19670076574	Theoretical calculations of the phenomenology of HE detonations, volume II Technical report, 1 Sep. 1965 - 1 Jun. 1966	1966
19670076576	Study of advanced electrical system techniques and requirements of future launch vehicles. Volume I - Detailed technical report Final report, 29 Jun. 1965 - 28 Jun. 1966	1966
19670076581	Investigation of the corrosion preventative behavior of temporary preservatives	1966
19670076588	A study of the hydrodynamic aspects of the combustion processes in liquid propellant guns /U/ Final report	1966
19670076622	Research and development study on dc to dc converter engineered magnetics model EMCR131A QUARTERLY report, 1 Jun. - 1 Sep. 1966	1966
19670076627	Aerospace ground equipment. SLV-3 follow-on test parameters, 69-00714-1, book no. 1	1966
19670076633	Measurement of effective electronic purity by the eddy current decay method	1966
19670076634	Metals characterization by low-temperature thermoelectric methods	1966
19670076641	Immersed thermistor detector optimization program	1966
19670076646	Large solid motors for space booster applications. Volume I - Tasks A, B, C /U/ Final technical report, 15 Jun. 1965 - 15 Jun. 1966	1966
19670076647	Large solid motors for space booster applications. Volume II - Tasks D, E, F, G /U/ Final technical report, 15 Jun. 1965 - 15 Jun. 1966	1966
19670076648	Large solid motors for space booster applications. Volume III - Appendixes /U/ Final technical report, 15 Jun. 1965 - 15 Jun. 1966	1966
19670076651	Continued development of a unique method of command thrust modulation /U/ Quarterly technical summary report, 15 Dec. 1966 - 15 Mar. 1967	1966
19670076663	Six-inch ultraviolet camera for Apollo Final technical report	1966
19670076674	A Study of Weldments and Pressure Vessels Made of HY-150 Steel Plates Quarterly Progress Report, 1 May - 31 Jul. 1966	1966
19670076676	An experimental investigation of the adaptive potential of species of populations of mammals for withstanding environment stressors Semiannual status report, Jul. - 31 Dec. 1966	1966
19670076682	Flow voting actuator - Results on design, analysis, and hardware evaluation	1966
19670076684	Optical interferometry for plasma measurements in a theta-pinch device	1966
19670076704	Ukrainian Journal of Physics /selected articles/	1966
19670076705	On the mechanism of the nonequilibrium effect of depletion of silicon by majority carriers	1966
19670076706	Study of the operation of a Q-switched ruby lasers	1966
19670076709	Aeronautical engineering Selected articles	1966
19670076710	Certain problems of unstable combustion in the chambers of liquid rocket engines, part II	1966
19670076712	Quarterly bulletin of the Division of Mechanical Engineering and the National Aeronautical Establishment, 1 October - 31 December 1966	1966
19670076713	An introduction to the analysis of random processes	1966
19670076714	A satellite launching study employing Black Brant VB sounding rocket motors as booster building blocks	1966
19670076715	An investigation of the aerodynamics of intakes in the upper surface of a wing	1966
19670076716	Electropolishing niobium	1966
19670076717	Transactions of the Omsk Institute of Railroad Engineers /selected articles/	1966
19670076718	Molecular-kinetic phenomena and the processes of decarbonization, nitration, hydrogenation and oxidation in dry friction	1966
19670076719	Physical fundamentals of the influence of low temperatures on the mechanical properties of metals	1966
19670076726	FREE - A digital computer program for the calculation of natural frequencies and mode shapes of linear elastic systems with no damping	1966
19670076727	Transactions of the Aeronautics Institute Selected articles	1966
19670076728	Brushes for aircraft electrical equipment	1966
19670076729	Air lubricated bearings	1966
19670076730	Determination of 3-4-benzpyrene in the atmosphere of a submarine	1966
19670076738	Environmental control and life support system for Apollo applications program. Volume I - System description	1966
19670076757	News of institutions of higher learning. Physics	1966
19670076758	Microscopic theory of quantization of magnetic flux in superconductors	1966
19670076759	Matrix representation of the gravitational field	1966
19670076760	Timers for ordnance symposium, volume II	1966
19670076761	Self-starting timer	1966
19670076762	Accurate frequency division through heterodyning	1966
19670076763	Involute and cycloidal tooth forms for use in mechanical escapement systems	1966
19670076764	Setting mechanisms for analog electronic projectile timers	1966
19670076765	Tuning fork vibrations	1966
19670076769	A precision 10-Hz clock for military electronic timers	1966
19670076770	Accurate electronic time fuze /XM587/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076771	Experimental mechanical timer with detached lever escapement and digital readout system	1966
19670076772	A high precision, remotely settable electronic timer system	1966
19670076773	Producibility of a twin-T oscillator	1966
19670076777	Ramjet propulsion for hypersonic aircraft	1966
19670076778	Pre-simulation report - LM dynamics simulation	1966
19670076782	A description of code cubed - A code to unfold bremsstrahlung experimental distributions	1966
19670076783	Linear stochastic systems	1966
19670076786	Propellant saturation test, 2 February - 3 May 1966	1966
19670076793	Reliability assessment of microcircuits and microelectronic systems	1966
19670076794	Fourier analysis by the method of selected ordinates	1966
19670076798	Command angle torquing of gyros in the Apollo guidance and navigation system	1966
19670076812	A research and development program for segmenting silicon germanium and lead telluride thermoelectric materials Final summary report	1966
19670076841	Ion implantation in semiconductors Annual research report	1966
19670076842	Timers for ordnance symposium	1966
19670076845	Proceedings of the Timers for Ordnance Symposium, volume I	1966
19670076846	Development of a 1-10 sec settable mechanical fuzing system E64R1	1966
19670076847	Development of the "dock" escapement	1966
19670076848	Development of firing device, demolition, XM70	1966
19670076849	Automatic dynamic regulation machine for mechanical time fuze movements	1966
19670076850	Fluid-mechanical problems associated with a flueric timer designed for artillery fuze application	1966
19670076851	Development of fuze MT XM563EL	1966
19670076852	Use of extrusion process for mechanical time fuze components	1966
19670076853	Delay arming mechanism test vehicle	1966
19670076854	XM 577 MTSQ fuze	1966
19670076855	Recent advances in pyrotechnic timers of increased accuracy	1966
19670076856	The fluidichron - An accurate pneumatic oscillator	1966
19670076857	The E-cell, a miniature ordnance timer	1966
19670076858	Timers for ordnance tuning fork controlled electronic timers	1966
19670076859	Transistor - Magnetic logic in aerospace timing	1966
19670076860	Exothermic time delay	1966
19670076865	Restoration of atmospherically degraded images. Volume 2 - Woods Hole Summer Study, July 1966	1966
19670076866	The Visibility Laboratory program of research on restoration of atmospherically degraded images	1966
19670076867	How many pictures must we take to get a good one/ques/	1966
19670076868	An improved model turbulent atmosphere	1966
19670076869	On the mean short-term blur	1966
19670076870	Correlation functions for optical transfer functions	1966
19670076871	Suggested atmospheric experiments relating to image restoration	1966
19670076872	An interferometric method for measuring the average effective transfer function of the atmosphere	1966
19670076873	A method for measuring the short-term optical effects of atmospheric turbulence	1966
19670076874	Atmospheric effects on images - A phenomenological approach	1966
19670076875	Visual observations of several satellites at the AFAL Cloudcroft electro-optical surveillance research facility	1966
19670076876	Photography of satellites - Some notes on optimum image size and density	1966
19670076877	On statistical estimation of incoherently illuminated objects	1966
19670076878	On linear least-squares filtering of distorted photographs	1966
19670076879	Some notes on film grain noise	1966
19670076880	Image analysis with the isodensitracer	1966
19670076881	Dynamic range of brightness of satellites illuminated by the sun	1966
19670076882	Linearity and dynamic range of films	1966
19670076883	Some fundamental aspects of film scanning	1966
19670076884	Some considerations with respect to the design of scanning mechanisms for restoration of photographic images	1966
19670076885	A conceptual design for an image space scanner for image processing	1966
19670076886	Photoelectric arrays or equivalents	1966
19670076887	Digital Fourier analysis	1966
19670076888	Two-dimensional convolution with a separable kernel	1966
19670076889	Complex spatial filters for optical systems	1966
19670076890	Optical frequency plane scale search	1966
19670076891	Photographic linearity in coherent optical systems	1966
19670076892	Linearity and dynamic range in coherent processing	1966
19670076893	Comparison and possible coupling of coherent optical and digital computer processing techniques for restoring degraded imagery	1966
19670076894	Analysis of wavefront-reconstruction imaging through random media	1966
19670076895	Diffraction effects in wavefront- reconstruction imaging	1966
19670076896	Airborne retroreflectors for holographic techniques	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076897	Removal of multiple reconstructed images due to multiple reference sources in wavefront reconstruction	1966
19670076898	Aberrations in wavefront-reconstruction imaging caused by the optics and the detector	1966
19670076899	The generation of contours on images	1966
19670076900	A Doppler spread imaging system	1966
19670076901	Alternative satellite observation scheme	1966
19670076902	Notes on the Gregory real-time sampling technique for minimizing image disturbance	1966
19670076908	Project Apollo guidance and navigation program Quarterly technical progress report, period ending Sep. 1965	1966
19670076909	Project Apollo guidance and navigation program Quarterly technical progress report, period ending Dec. 1965	1966
19670076921	Investigations on the direct conversion of nuclear fission energy to electrical energy in a plasma diode Annual report, Nov. 1, 1965 - Oct. 31, 1966	1966
19670076922	Inpile microwave measurements of electron density in neon-argon and argon-cesium plasmas	1966
19670076923	Electron transport in a diffusion controlled plasma - Description of computer program and parametric studies	1966
19670076942	Data acquisition and reduction MIT X-15 horizon definition experiment, phase II	1966
19670076943	Multiplexed electronic coupling data unit	1966
19670076948	Annual report, 1965 - 1966	1966
19670076949	The momentum space analytic function corresponding to one of the terms in the Bergman-Weil representation formula for the vertex function	1966
19670076953	Optimum fibre arrangements for reinforced sheets under combined loading	1966
19670076957	Visibility of the LEM with Various Background Luminances	1966
19670076958	Project Apollo Guidance and Navigation Program Quarterly Technical Progress Report, for Period Ending Mar. 1966	1966
19670076966	Space Science Laboratory semiannual progress report, 1 May through 30 September 1966	1966
19670076974	Choice of companding law for PCM TRANSMISSION systems Research report, Nov. 1965 - Apr. 1966	1966
19670076975	Thermal stresses in isotropic and orthotropic cylinders	1966
19670076976	Gallium arsenide for Gunn effect Annual research report	1966
19670076983	Proceedings of the Fifteenth Basic Research Laboratory Contractors' Conference and Symposium	1966
19670076984	The application of Moessbauer spectroscopy to iron picrates	1966
19670076985	ESR investigation of radical stabilization effects in cyanuric azide. Radical enrichment of explosives	1966
19670076986	Paramagnetic resonance of triplet state radicals in UV-irradiated KN3	1966
19670076987	Further infrared spectroscopic studies of ultraviolet-irradiated azide crystals	1966
19670076988	Vibrational spectrum of crystalline cyanuric triazide	1966
19670076989	The decomposition of triarylmethyl azides upon electron impact	1966
19670076990	The formation and decomposition of azido- complexes in molten salt media	1966
19670076991	Thermal analysis of some fulminates, picrates, and styphnates	1966
19670076992	The effect of high pressure on the band gap of selected azides	1966
19670076993	Ignition-delay time experiments on silver azide	1966
19670076994	On the thermal initiation of explosive azides	1966
19670076995	Preparation of samples of crystalline silver azide for vibrational spectroscopic measurements	1966
19670076996	The photochemistry of SCN minus at 254 m mu	1966
19670076997	Electronic structure of N minus over 3, N3, and N plus over 3	1966
19670076998	The alkaline earth azides and their hydrates	1966
19670076999	Magnetic susceptibility of some inorganic azides	1966
19670077000	Azides of transition metal ions in non- aqueous solutions	1966
19670077009	Measurements of atmospheric noise level in N. Scotland in the frequency band 20 - 500 KC/S during summer 1965	1966
19670077018	Diffraction grating efficiency in the XUV, REPORT on the state of art Final report, 25 Mar. 1966 - 15 Sep. 1966	1966
19670077025	Reentry Guidance for Apollo, Volume I	1966
19670077052	An automated documentation technique for integrating Apollo crew procedures and computer logic	1966
19670077053	Case history of the Apollo guidance computer	1966
19670077055	Environmental control and life support system for Apollo Applications Program, volume II	1966
19670077067	Restraint harness-pressure suit system functional mockup development Final report	1966
19670077103	A case history of the AGC integrated logic circuits	1966
19670077110	Texas biannual of electronics research, no. 4 Final report part II, 1 Apr. - 30 Sep. 1966	1966
19670077111	Biomedical electronics	1966
19670077112	Information sciences	1966
19670077113	Physical, quantum, and plasma electronics	1966
19670077114	Space, atmospheric, and earth radio sciences	1966
19670077116	The power density spectrum of the echo from an airborne Doppler radar	1966
19670077123	Theoretical investigations of boundary layer stability Final report, Jul. 1963 - Aug. 1964	1966
19670077124	Calculation of precise proper solutions for the resonance theory of transition	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077129	Detection of optical signature of submarines by laser techniques /U/ Technical report, period ending Jun. 30, 1966	1966
19670077148	A Program for Lifting Wind Sensor Research	1966
19670077196	A design procedure for radiation hardening certain Nor gate logic circuits	1966
19670077199	A.T.A.C. lightweight torsion bar and tube Final report	1966
19670077201	Nonaqueous electrolyte batteries Status report	1966
19670077205	Collection of the order of the Republic Military Academy named for A. Zapotocky	1966
19670077206	A measurements noise generator	1966
19670077207	A digital correlation analyzer	1966
19670077242	Radiometric vertical sensing technique study /U/ Final technical report, Mar. 1961 - Jul. 1966	1966
19670077257	Radar attenuation from prepackageable liquid propellants - Background and analytical estimates /U/	1966
19670077262	Thin-film circuits product improvement	1966
19670077263	The mechanical redesign and modifications on the NAFI in-line vacuum deposition machine	1966
19670077264	Operational manual - NAFI in-line vacuum deposition system	1966
19670077265	Guidelines for design and layout of thin film circuitry	1966
19670077286	Technical status report /U/ September - December 1966	1966
19670077290	Records of automation and telemechanics	1966
19670077291	Overshoots in linear and nonlinear control systems	1966
19670077292	Multidimensional model of object recognition process with learning based on stochastic approximation methods	1966
19670077293	Machine solution of ordinary differential equations with boundary conditions	1966
19670077295	Summary of the Eleventh Refractory Composites Working Group Meeting	1966
19670077296	Activities of ASTM subcommittee on standardization of tests for high temperature coatings	1966
19670077297	Coating reliability, what do we mean /ques/	1966
19670077298	Performance of the Ta-10W/Sn-Al system in low pressure environments	1966
19670077299	The behavior of coated refractory metals in an N2O4/50 percent - 50 percent UDMH thrust chamber	1966
19670077300	Evaluation of oxidation resistant coatings for columbium alloy turbine components	1966
19670077302	Consistent ionic radii	1966
19670077303	Microstructural constituents and concentration profiles in coated refractory metals systems	1966
19670077304	Research on refractory composite materials	1966
19670077308	Activities of Chromalloy Division in the development of refractory composites /Coating systems for TD nickel/	1966
19670077309	TRW development and evaluation of the vacuum pack Cr-Al protective coating on TD nickel	1966
19670077311	Development of oxidation resistant coatings for refractory metals	1966
19670077312	A summary report on research and development in coating application processes for refractory metals	1966
19670077313	Refractory metal coatings by CVD	1966
19670077317	A protective coating system for a TZM alloy re-entry vehicle	1966
19670077318	Refractory composite research and developments	1966
19670077319	Advanced air-breathing engine technology - Materials - A review of contracts	1966
19670077320	Composite materials development at Wright Aeronautical Division	1966
19670077321	Nozzle and material design problems for controllable solid rocket motors	1966
19670077322	High viscosity thermal protection materials	1966
19670077323	Chemical reactions of refractory oxides with refractory carbides	1966
19670077324	Ablation of pyrolyzed carbon structures	1966
19670077325	Development of refractory carbides for severe thermal applications	1966
19670077326	Progress report on refractory composites work. Part II - Arc tunnel testing	1966
19670077327	Preliminary investigation of the dynamic oxidation of JT graphite composites at surface temperatures between 4000 deg F and 5000 deg F	1966
19670077328	Thermal shock of refractory materials	1966
19670077329	Thermophysical properties of solids	1966
19670077330	Passive integrated temperature-time sensor recorder	1966
19670077332	Nickel aluminide leading edge for a turbine vane	1966
19670077333	A gas generating composite for hypervelocity structures	1966
19670077334	Recent progress at the Carborundum Company in the field of refractory composite systems	1966
19670077335	High strength, high modulus low density continuous filaments of beryllium	1966
19670077336	Status of the prestressed chemically consolidated ceramic composite program at Douglas Aircraft Company	1966
19670077337	Studies of advanced refractory composites concepts for structural and heat shield applications	1966
19670077338	Composite ceramic radome of mosaic design	1966
19670077339	Novel physical properties of materials made by hot pressing	1966
19670077340	The manufacture of composites under an inert atmosphere	1966
19670077342	Research on fiber-reinforced composites	1966
19670077343	Development of whisker-reinforced metal composites	1966
19670077344	X-ray diffraction studies of boron composites	1966
19670077345	Whisker reinforced refractory metal composites produced directly from the melt	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077346	Refractory composites research at AVCO RESEARCH and Development Division	1966
19670077347	A review of current refractory composite research in ceramics	1966
19670077348	Recent refractory composites materials development at National Beryllia Corporation	1966
19670077349	Fabrication of refractory composites by pneumatic impaction	1966
19670077350	Comparison of oxidation evaluation tests for Hf-Ta alloys	1966
19670077351	Advances in coated refractory metal hardware	1966
19670077352	Feasibility of standard evaluation procedures for ablating materials	1966
19670077353	Microchannel electron multiplier arrays /U/	1966
19670077371	[No Title]	1966
19670077372	Rocket motor propellant charge and igniter and gas generator propellant charge and igniter for the extended range Shillelagh missile system /U/	1966
19670077387	U. S. Government metalworking processes and equipment program Sixth status report	1966
19670077388	Effects of metallurgical variables on deformation and fracture	1966
19670077389	Effects of external variables on deformation and fracture	1966
19670077390	Mechanics of processing	1966
19670077391	Metalworking process development	1966
19670077397	Proceedings of the First Spaceborne Computer Software Workshop	1966
19670077398	Aero/space software in perspective	1966
19670077399	Software state-of-the-art	1966
19670077400	Current trends in aerospace computation and some implications	1966
19670077401	The Gemini computer software system	1966
19670077402	Software aspects of the Titan III program	1966
19670077403	A summary of current spaceborne software systems	1966
19670077404	Historic perspective - Machines and programming characteristics	1966
19670077405	Selection of an order code during machine design	1966
19670077406	Factors of the machine design that influence programming	1966
19670077407	Advanced hardware characteristics of aerospace computers	1966
19670077408	A compatibility solution - 4 PI	1966
19670077409	A machine organization solution the variable instruction computer	1966
19670077410	Application of NELIAC to aerospace programming	1966
19670077411	Considerations in selecting a spaceborne programming language	1966
19670077412	Standardize the system, not the language	1966
19670077413	Phoenix compiler language and software system	1966
19670077414	Efficiency consideration in problem-oriented processor design	1966
19670077415	Preliminary SDC recommendations for a common spaceborne programming language	1966
19670077416	An overview of configuration management in the Air Force satellite control facility	1966
19670077417	The adaptation of systems management concepts to computer program acquisition	1966
19670077418	Configuration management of computer program contract end items	1966
19670077419	Development of aids for the management of computer programming	1966
19670077420	SDC recommendations for spaceborne software management	1966
19670077421	Apollo extension systems-lunar excursion module payload integration addendum to phase experiment definitions. Part 4 - Flight 216 Final report	1966
19670077428	Study of microwave scattering from a perturbed plasma Final report, 1 Aug. 1965 - 31 Jul. 1966	1966
19670077435	Investigation of Techniques for Improving Saturn V RF Tracking and Ranging Systems	1966
19670077440	Thermal radiation from Saturn fireballs. Volume II - Appendices F, G, and H	1966
19670077464	Program 624 A quarterly reliability and quality assurance report. Volume I - Reliability	1966
19670077465	Limiting in travelling wave tubes Final report	1966
19670077466	C.V.D. report no. 121A to DNPR, May - September 1966	1966
19670077468	Weight and size analyses of advanced cruise and launch vehicles spacecraft, volume 5	1966
19670077502	Spontaneous generator	1966
19670077504	Properties of bound states of ^{18}O above the 4.45 MeV state	1966
19670077505	A study of some excited states of ^{19}F by an angular correlation technique	1966
19670077506	Weight and size analyses of advanced cruise and launch vehicles. Volume 7 - Rocket propulsion systems	1966
19670077510	Weight and size analyses of advanced cruise and launch vehicles airbreathing launch vehicles, volume 3	1966
19670077546	Liquid oxygen handling, quality maintenance and control	1966
19670077554	Weight and size analyses of advanced cruise and launch vehicles VTO rocket powered launch vehicles, volume 6	1966
19670077570	Weight and size analyses of advanced cruise and launch vehicles. HTOHL rocket powered launch vehicles, volume 4	1966
19670077574	A carbon monoxide screening technique	1966
19670077575	Weight and size analyses of advanced cruise and launch vehicles cruise vehicles, volume 2	1966
19670077593	The prediction of the burning rate exponent of solid propellants	1966
19670077663	Weight and size analyses of advanced cruise and launch vehicles, volume 8	1966
19670077666	Turbine generator development SNAP-50 SPUR PROGRAM Technical report, Oct. 1964 - Sep. 1966	1966
19670077682	A new binder for composite solid rocket propellants /U/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077683	A new energetic polymeric binder for high performance propellants /U/	1966
19670077694	Low-cost, lightweight reflector study Final report	1966
19670077721	Research on broadband amplifiers Annual progress report, period ending Nov. 1966	1966
19670077724	Laboratory and field evaluation of thrust anemometer Final report, 15 Dec. 1964 - 14 Jun. 1967	1966
19670077740	Production engineering measure for improvement of production techniques to increase the reliability of silicon transistor type 2N3055 Quarterly progress report, 1 Oct. - 31 Dec. 1966	1966
19670077788	Early human development at high altitudes	1966
19670077789	Effect of cumulative damage on the biaxial compressive fatigue performance of filament wound laminates Final report, 1 Mar. 1965 - 31 Aug. 1966	1966
19670077797	Saturn S-11 supplemental program requirements	1966
19670077799	Electrochemical instrumentation and cell evaluation Final report, Feb. - Aug. 1966	1966
19670077817	Materials research programme for a solid state red indicator lamp Annual report, 1966	1966
19670077827	Disc-supported ring-bar structures Annual report	1966
19670077834	Exhaust spectrometry Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670077835	The voltage response of a flat strip current shunt to the discharge current of a condenser	1966
19670077844	Assessment of the capacitance-voltage relationship of variable capacitance diodes Annual report	1966
19670077845	Injection luminescence in silicon carbide Annual report	1966
19670077865	Theoretical time constant for thin films temperature sensor	1966
19670077870	A data storage system for desert terrain Interim report	1966
19670077878	Consolidated quarterly report for the period July 1, 1966 to September 30, 1966	1966
19670077888	Solar eclipses, 1970 - 1980	1966
19670077901	Infra-red image converter	1966
19670077913	Research on varactor diodes for parametric amplifiers Annual report	1966
19670077914	Chemically assisted electron beam processing for microelectronics Annual report	1966
19670077917	Analogue and digital methods for solving electron optics problems Annual progress report, period ending Nov. 1966	1966
19670077918	Application of variational methods to slow wave circuits Annual report	1966
19670077919	Research on laser mirrors Annual report	1966
19670077920	Space testing of the star occultation technique for spacecraft navigation. Volume I - System analysis Final report, Aug. 1964 - Jan. 1967	1966
19670077921	Space testing of the star occultation technique for spacecraft navigation. Volume II - Instrumentation Final report, Aug. 1964 - Jan. 1967	1966
19670077934	Investigation into the cathodoluminescent properties of rare earth oxides Annual report	1966
19670077942	A note on Tropical Storm Becky, 1966	1966
19670077958	A test of the method of Evans and Michard for measurement of absorption line displacement	1966
19670077961	Study of fast excitation gas lasers Annual report	1966
19670077964	PINSAC - A new concept in inertial navigation system alignment and maintenance Phase report	1966
19670077972	Effects of UHF propagation characteristics on telemetry signals during flight tests	1966
19670077988	The properties of nickel-chromium-alloy resistors made in the S.R.D.E. thin film microcircuit pilot plant	1966
19670077994	Integrated circuit microwave mixers Annual report	1966
19670077997	A shock-on-shock test facility	1966
19670078009	Tailoring and improvement of LMH-2 /U/ Quarterly report, Aug. - Oct. 1966	1966
19670078020	Bathymetric, magnetic and gravity investigations, 1962 - 1963. Part two - Profiles	1966
19670078025	Cosmic ray investigations utilizing an emulsion chamber-calorimeter combination Progress report	1966
19670078041	Investigation of failure modes and reliability improvement in transistors and integrated circuits Annual report, Apr. - Nov. 1966	1966
19670078043	Impurity photoemissive cathodes Final report	1966
19670078045	Investigation of a crew seating system for advanced aerospace vehicles Final technical report, Jul. 1965 - Nov. 1966	1966
19670078046	Microwave cyclotron resonance devices Annual report	1966
19670078052	Harmonic interaction in traveling wave amplifiers Annual report	1966
19670078066	Electron emission studies from thin film cold cathodes Annual report	1966
19670078092	Duplexing for solid state receivers Annual report to CVD on RP1-28	1966
19670078093	Measurement of the VK6508 varactor diode at 4 deg K Annual report on CVD research project RP6/32	1966
19670078096	Investigation of resistive photocathodes in image tubes RP2-22 Annual report	1966
19670078099	Research on channel photomultipliers Annual report on CVD research project	1966
19670078100	Avalanche generation of microwave power in silicon Annual report on research project RP1-41	1966
19670078103	Cowl seal test - Phase II-C	1966
19670078105	Development tests of the auxiliary inlet doors for the L-2000-7 supersonic transport	1966
19670078106	Ceramic systems for missile structural applications Final summary report, 1 Nov. 1965 - 31 Oct. 1966	1966
19670078113	Development of high-strength molybdenum- and tungsten-base alloys Final report, 1 Mar. 1965 - 1 May 1966	1966
19670078114	Gallium arsenide high slope varactor Annual report on research project RP7-37	1966
19670078116	The preparation and properties of silicon dioxide layers Annual report	1966
19670078117	The collimation of electron beams in order to produce a small focused spot Annual progress report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078118	Study of flash tubes Annual report rp2-12	1966
19670078128	Low energy electron diffraction Annual research report	1966
19670078136	Development of new ceramic materials /Zyttrite/ by thermal and hydrolytic decomposition of metal alcoholates Research report, Sep. 1964 - Nov. 1966	1966
19670078137	Services valve test lab. on microwave valves Quarterly report, Oct. - Dec. 1966	1966
19670078138	Pure gallium phosphide Annual research report	1966
19670078140	Silicon dioxide and other insulants Annual research report	1966
19670078146	Experimental investigation of thermal noise	1966
19670078147	Photoemission from gallium arsenide Annual report for CVD research project	1966
19670078148	Techniques for the production of transistors in the KMC range Annual research report	1966
19670078149	Research of higher frequency thyristors First annual report on CVD research project RP6-34	1966
19670078151	Reliability investigation of high frequency silicon planar transistors Annual report on RP7-40	1966
19670078157	Nucleation and crystallisation of vapour deposited silicon epitaxial layers	1966
19670078168	Multichannel electro-optical recorder for the synthetic spectrum radar	1966
19670078169	Velocity modulation of charge carriers in semiconductors Annual report on research project RP7-25	1966
19670078170	Optical shaft encoder size 11, 13 bit, 32 turn Final report, 1 Sep. 1964 - 31 Dec. 1966	1966
19670078181	Russian data on spectral reflectance of vegetation, soil and rock types Final technical report, Nov. 1965 - Nov. 1966	1966
19670078191	SNAP 50/SPUR nuclear mechanical power unit experimental research and development program. Part II - Bearings Final report, May 1962 - Dec. 1966	1966
19670078193	Research on sputtered semiconductor epitaxial films Annual research report	1966
19670078194	Study of helicon waves on solids Annual report	1966
19670078208	Grain boundary sliding and crystal slip-grain boundary interaction in pure zinc Final report, 1 May 1965 - 30 Sep. 1966	1966
19670078218	SNAP 50/SPUR nuclear mechanical power unit, experimental research and development program. Part I - Systems, heat transfer and turbomachinery Final report, May 1962 - Dec. 1966	1966
19670078225	The measurement of in-situ stress, strain, and load, by optical techniques Final technical report, Oct. 1965 - Sep. 1966	1966
19670078237	The design, fabrication, expansion, and rigidization of model and full size space type cylinder structures Final report, 1 Dec. 1964 - 29 Mar. 1966	1966
19670078242	Monthly bulletin and supplement. Canadian upper air data. December 1966	1966
19670078245	HPD thermoelectric program optimum-length investigation Technical report, 1 Oct. - 30 Dec. 1966	1966
19670078249	Study of microwave power transistor oscillators Annual report	1966
19670078252	Boundary layer noise measurements on the N-61 third-scale SST engine inlet Report for Nov. 1965 - Feb. 1967	1966
19670078258	Beam-plasma experiments Annual report	1966
19670078263	Progress in the development of an electronically controllable high voltage supply for a dynamic discharger Interim engineering report, Jul. - Nov. 1966	1966
19670078264	A digital resolver using second order incremental techniques	1966
19670078284	Liquid lubricant for use in the space industry	1966
19670078289	Corrosion prevention/deterioration control in electronic components and assemblies Final summary engineering report	1966
19670078293	Research on epitaxy Annual research report	1966
19670078312	Electromagnetic compatibility requirements for space systems	1966
19670078317	Interaction of pi electrons Final technical report, 1 Oct. 1965 - 30 Sep. 1966	1966
19670078322	Oxide cathodes for hydrogen thyratrons Annual report	1966
19670078342	Development and characterization of high temperature coatings for tantalum alloys Interim progress report, 1 Oct. - 31 Dec. 1966	1966
19670078348	Study of thin film oxide electrolytes Progress report, 1 Sep. - 1 Dec. 1966	1966
19670078352	Electrically-propelled cargo vehicle for sustained lunar supply operations Summary report	1966
19670078368	Tests of rapidly prepared remote sites with P. 1127 VTOL aircraft	1966
19670078369	Detailed test objectives for improved Delta launch vehicle spacecraft - Pioneer B	1966
19670078377	The growth of single crystals of some doped rare earth tetra-borides and mono-nitrides Annual report, May - Nov. 1966	1966
19670078379	Measurements of the center-limb variation in the H line and K line of Call in undisturbed and active regions on the sun	1966
19670078382	Research on ferrimagnetic limiters Final report	1966
19670078389	Microwave power generation in semiconductors Annual report	1966
19670078390	Development of high temperature thermal conductivity standards Quarterly progress report, 3 Aug. - 3 Nov. 1966	1966
19670078391	Remarks on the determination of the electron content of the ionosphere from the ionospheric Faraday effect	1966
19670078392	Crossed field amplifier research. Study of tapered emitting sole crossed field amplifier /T.E.S.A/ Final report	1966
19670078394	An investigation of materials suitable for a 10 micron photodetector Annual research report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078406	Fundamentals of electron beam low noise processes Annual report	1966
19670078408	Quantum mechanical studies of the electronic structure and properties of molecules Final technical report, 1 Jan. - 30 Sep. 1966	1966
19670078414	Investigation of diffusion techniques applicable to the production of microcircuits Annual report	1966
19670078415	Embedded heaters for impregnated and pressed cathodes Annual report	1966
19670078424	Cardair Division of Marmon Herrington Teflon-FEP seals for hand valves, NASA PART number B75M51332-3	1966
19670078425	Hydra-electric company pressure switches manufacturer's part number 98063	1966
19670078427	A method for analysing the response of a resonant system to a rapid frequency sweep input	1966
19670078433	Magnetron injection gun research Annual report	1966
19670078434	Determination of the electron content between the earth's surface and an artificial earth satellite from the differential Doppler effect	1966
19670078443	Production engineering measure for type CR-/XM-60//U crystal units Quarterly report, Oct. - Dec. 1966	1966
19670078465	Firing equipment electrical cables and cable accessories for launch complex 39, Saturn V vehicles, volume II	1966
19670078483	Evaluation of British alumina ceramics in valves Annual report	1966
19670078484	Study of ion beam implantation Annual report on research project RP1-50	1966
19670078495	Hydrogen-oxygen reaction studies Quarterly progress report, 8 Aug. - 8 Nov. 1966	1966
19670078502	A study of the measurement of the capacity swing parameter of a varactor diode Annual report	1966
19670078505	Theoretical and experimental analysis of compressible turbulent boundary layers around hypersonic configurations	1966
19670078522	A study and analysis of the ATS-4 gravity gradient stabilization system Quarterly report, 1 Jul. - 1 Oct. 1966	1966
19670078525	Indium arsenide material and devices Annual research report	1966
19670078530	Interim report	1966
19670078557	Application of the Lincoln-McNish technique to the prediction of the remainder of the twentieth sunspot cycle	1966
19670078560	The combined use of M.O.S. and bipolar transistors in integrated circuits Annual report	1966
19670078567	Study of the fall in secondary emission with life of magnetron cathodes Annual report	1966
19670078574	The error probability of a photomultiplier as a threshold detector of low level light pulses	1966
19670078576	Research into devices fabricated in epitaxial silicon on insulating substrates Annual research report	1966
19670078578	VTOL transport program Monthly progress report, Dec. 1966	1966
19670078582	Investigation of bombardment induced conductivity in direct view storage tubes, RP2-24 Annual report	1966
19670078584	Stiffness matrix solution for shells of revolution possessing variable thickness heat protection	1966
19670078586	High frequency piezo-electric amplifier Annual report	1966
19670078587	Effective reflectivity and angular distribution of light reflected from sea water with surface waves	1966
19670078589	Solid state image intensifying panel with high speed of response Annual report	1966
19670078595	Desensitization of available high-energy NF compounds /U/ Final report, 1 Jul. 1964 - 15 Nov. 1966	1966
19670078611	Progress report, 1 October - 31 December 1966 /U/	1966
19670078631	Project Able Study Program /U/	1966
19670078632	Project Able Study Program /U/	1966
19670078643	Results of the Saturn I Launch Vehicle Test Flights /U/	1966
19670078652	Evaluation of the combustion of a light metal hydride gelled fuel with selected oxidizers /U/ Progress report, 1 Apr. - 30 Jun. 1966	1966
19670078665	Acceptance checkout equipment - Spacecraft documentation list	1966
19670078666	Redline parameters SLV-3 follow-on 69-00717, book no. 1	1966
19670078671	Stress and deformation analysis for circular cylindrical shells under axisymmetric loading and satisfying all end boundary conditions	1966
19670078724	CO2 optical radar system Semiannual report, 1 Nov. - 1 May 1966	1966
19670078755	Spatial filtering in a coherent optical system using convolution techniques with emphasis on a special set of spatial filters	1966
19670078762	J-2 rocket engine Supplement technical manual	1966
19670078771	Dimensional measurements and flaw detection	1966
19670078789	Coldweld Hi reliability quartz crystal units CR-1018 and CR-65/U Quarterly report, 25 Aug. - 25 Nov. 1966	1966
19670078792	Wide band high mean power travelling wave tube Final report	1966
19670078828	A flight simulator for research into aircraft handling characteristics	1966
19670078832	Production engineering measure for a phase II SUPER power hydrogen thyratron tube Quarterly progress report, 7 Sep. - 6 Dec. 1966	1966
19670078861	SATS logistics analysis initial staging area to final staging area	1966
19670078863	Investigation of magnitude and distribution of stresses in welded structures Quarterly progress report, 2 Oct. - 31 Dec. 1966	1966
19670078900	SST engine inlet duct seal test - Phase IIC	1966
19670078902	Study of phase shift of travelling wave tubes Annual report	1966
19670078908	Avalanche diode Annual report	1966
19670078920	Development program for SST oscillating airframe bearings	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078926	Research development of a small highly accurate magnetic core oscillation Final summary report	1966
19670078941	Broadband low noise travelling-wave tubes Final report	1966
19670078946	Comparison of heat transfer analysis methods Final technical report	1966
19670079014	The growth of CdS single crystals for acousto-electric studies Annual report	1966
19670079024	Survey of developments in gun-launched high altitude probes	1966
19670079088	Assessment of laser materials in high PRF Q-SWITCHED systems Annual report	1966
19670079111	Development of titanium dual-hardness armor plate materials /U/	1966
19670079129	Asset post flight structural and materials evaluation, volume X, supplement I /U/	1966
19670079133	A simple combustion technique for the determination of total hydrocarbons in some permanent gases	1966
19670079202	Optimum pattern ordering based upon a partially ordered pattern set	1966
19670079212	Solid state techniques Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19670079222	IBM-7094-11-DCS computer program CO9945, CHRYSLER improved numerical differencing analyzer	1966
19670079228	Study of flat screen display devices Annual research report	1966
19670079244	Design of a digital signal generator	1966
19670079286	Study of iodide discharge lamps as laser pumps Annual report	1966
19670079295	Solar, lunar, and tidal data for Point Mugu and San Nicolas Island during 1967	1966
19670079314	Research and development in hydroacoustic impulse sound sources. Source development	1966
19670079315	The acoustic pressure radiated by the GDED PULSE generator, appendix A	1966
19670079316	Effect of hydroshock piston profile on far-field pressure history, appendix B	1966
19670079317	Continuation of an analytic study of the GDED hydroshock source, appendix C	1966
19670079318	Energy exchange between incompressible near and acoustic far field for transient sources, appendix D	1966
19670079360	The properties of the principal refractory metals up to 3000 deg C	1966
19670079381	An assessment of the potential use of p-i-n switching diodes in inertialess scanning systems Annual report, 1966	1966
19670079442	Vast programming study - Programming facility requirements Final report, Jul. - 11 Nov. 1966	1966
19670079452	The effect of morphology on the physical and chemical properties of polymers	1966
19670079464	Specification requirements for UHP /Ultra High Performance/ load cells	1966
19670079465	Correlation of analytical and empirical techniques for designing supersonic and hypersonic decelerators	1966
19670079473	Study of deposited insulating layers on silicon Annual report	1966
19670079479	L-2000-7A fuel return line ram air heat exchanger thermal analysis	1966
19670079483	CF-104 engine run-up arrestor hook tie-down installation	1966
19670079485	Flexible flat circuitry, terminations Manufacturing research report	1966
19670079488	Development of SST fuel tank sealants	1966
19670079490	Master model - Design for large area	1966
19670079495	Silicon microwave Schottky-barrier diodes Annual report	1966
19670079497	End milling of radii in titanium-cost evaluation Final report	1966
19670079499	Post machining forming of SST lower wing spar cap shear feet	1966
19670079500	Trimming SST wing panels on assembly	1966
19670079514	Study to establish feasibility of glide slope antennas on the L-2000-7A aircraft	1966
19670079515	Simulated wing fuel tank sealing methods test	1966
19670079523	Study of scientific mission support for extended lunar exploration	1966
19670079526	Investigation of SST passenger door seal	1966
19670079528	The arrangement of radiators for space flight vehicles with special consideration for shielding against meteoroids	1966
19670079529	High resolution C.R.T. thin films Annual report	1966
19670079539	Radome and antenna window materials	1966
19670079563	Evaluation of the ambient noise differential of the S2E and T-39 series aircraft	1966
19670079565	Study to establish feasibility of VHF COMMUNICATION antennas on the L-2000-7A AIRCRAFT	1966
19670079583	Report on reliability and performance of inertial navigation systems for the operational time period of the SST	1966
19670079597	Study to establish feasibility of ATC and DME antennas on the L-2000-7A aircraft	1966
19670079599	Increase titanium 6AL-4V tube joint wall thickness	1966
19670079601	Study to establish the feasibility of localizer antennas on the L-2000-7A aircraft	1966
19670079614	Experimental mapping from Ranger photography Final technical report	1966
19670079615	SST thermal insulation studies	1966
19670079623	Development of SST cabin and window sealants	1966
19670079624	Summary of weather radar project system design /WR-010/ Final report	1966
19670079625	Thermal evaluation of an isothermal SST CABIN panel using recirculated fresh air	1966
19670079631	Miniature instrumentation for use in shock- driven facilities	1966
19670079638	Biological handbook for engineers Quarterly progress report	1966
19670079639	Distributions and total vehicle aerodynamic coefficients for the Atlas/Centaur-Surveyor vehicle	1966
19670079641	Interagency Chemical Rocket Propulsion Group. Third combustion conference abstracts	1966
19670079658	Preliminary aerodynamic data for flight simulation of the L-2000-7 supersonic transport	1966
19670079670	Study to establish feasibility of HF COMMUNICATION antenna of the L-2000-7A aircraft	1966
19670079676	Fuel tank sealant requirements	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079681	Gas phase detection by using liquid crystals Final research report, 28 Mar. - 28 Dec. 1966	1966
19670079684	Chemical analysis of gas-off products from and flammability determination of materials of application in the Apollo command module Final report	1966
19670079688	Methodology for assessing the hazard of electromagnetic radiation to ordnance using aircraft to aircraft variability. Engineering analysis Research report, 1 Jun. - 23 Oct. 1966	1966
19670079689	Methodology for assessing the hazard of electromagnetic radiation to ordnance using the maximum or average induced current	1966
19670079693	SST phase IIC pump test plan, hydraulic pump development	1966
19670079697	Full size SST corrugation and end cap - 108 inch length Manufacturing research report	1966
19670079708	Study of low acceleration space transportation systems, phase II - Study report, volume II - Technical report	1966
19670079710	Weight and center of gravity test	1966
19670079713	Development and utilization of a combination cryogenic and elevated temperature compliance gage for determination of fracture toughness of high strength metallic materials Technical report, 21 Jun. - 14 Dec. 1965	1966
19670079721	Improvement on varactor diodes for use in parametric amplifiers Annual report	1966
19670079741	Inertial navigation system integration Summary report	1966
19670079744	Telemetry system and instrumentation SLV-3 FOLLOW on test parameters 69-00708, book 1	1966
19670079747	Bionics Symposium - Short paper pre-prints	1966
19670079759	Laminated epoxy fiberglass master tooling	1966
19670079760	Pierce die standards for titanium sheet Manufacturing research report	1966
19670079777	Study of improved silicon epitaxial methods for microcircuit production Annual report on research project RP1-51	1966
19670079781	Definition of experiment program in space operation, technique and subsystems /Independent Manned Manipulator - IMM/. VOLUME II Final report	1966
19670079788	Status of collision avoidance systems for the SST /WR-007/	1966
19670079790	Development program manual - Inspection requirements - USAF series XB-70A aircraft	1966
19670079801	Minutes of the Eighth Explosives Safety Seminar on High-Energy Propellants	1966
19670079805	A state-of-the-art survey of micro- electronics and integrated circuits applicable to the L-2000	1966
19670079806	Thermal test of a full-scale 1/4-section cabin mockup	1966
19670079807	SST phase II-C cabin window tests	1966
19670079808	Abstracts from the Sixteenth Annual Symposium USAF Antenna Research and Development Program	1966
19670079816	Digital compensation of the thrust vector control system Technical report, 28 Jan. - 28 May 1966	1966
19670079847	Production refinement of Ku-band traveling wave tubes Final technical engineering report	1966
19670079849	Crystal growth and surface preparation of refractory dielectrics. Part 1 - Chemical polishing of corundum	1966
19670079877	Design guide for environmental parameters applicable to equipment and components on the L-2000 airplane	1966
19670079880	Airborne radiation warning system for the SST	1966
19670079881	Updated weather model for SST environment /WR-008/	1966
19670079888	SST wing icing investigation in Lockheed icing tunnel	1966
19670079891	Basis for structural design, model L-2000 supersonic transport	1966
19670079895	Research on high power windows and gas evolution processes Progress report, Apr. - Nov. 1966	1966
19670079900	The effect of red versus white instrument lighting on the dark adaptation index	1966
19670079901	High temperature rotary shut-off valve, P/N CL 823-39-50	1966
19670079916	Image dissector camera system Quarterly report, 2 Jun. - 2 Sep. 1966	1966
19670079924	Template master machine Manufacturing research report	1966
19670079929	Fuselage payload accommodations study	1966
19670079933	United States Navy Seventh Symposium on Aeroballistics, volume I	1966
19670079942	The use of SST radar for the detection of high altitude phenomena /WR-009/	1966
19670079943	Study to establish feasibility of VOR ANTENNAS on the L-2000-7A aircraft	1966
19670079974	Analytical tools for the design of gas bearing wheel packages	1966
19670079980	Methodology for assessing the hazard of electromagnetic radiation to ordnance Final report, 23 Jul. 1965 - 23 Oct. 1966	1966
19670079995	Silicon dioxide Annual report, 1966	1966
19670080005	Non-metallic materials Technical report, 1 Jan. - 30 Jun. 1966	1966
19670080009	The adhesion between hardened cement paste and glass fibre	1966
19670080011	Apollo optical subsystems Quarterly program review, 23 Mar. - 21 Jun. 1966	1966
19670080015	Spotweld fixtures - Lightweight design Manufacturing research report	1966
19670080021	Experimental high temperature SST transfer valves	1966
19670080034	Six lectures on algebraic theory of automata	1966
19670080037	Solid-state synthesis of microwave functions Final report, 1 Feb. 1965 - 31 Jan. 1966	1966
19670080039	Apollo guidance computer, engineering program, volume 2 Quarterly program review, 1 Jul. - 30 Sep. 1966	1966
19670080063	Test of structural components - SST phase II, volume IV	1966
19670080073	Periodic permanent magnet focusing of tubular electron beams Annual report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080080	Development of microwave NDT inspection techniques for large solid-propellant rocket motors Final progress report, phase I	1966
19670080110	Generation and transmission of hypersonic waves in ferrimagnetic single crystals Annual report	1966
19670080124	Evaluation of tungsten composites for hypersonic vehicles Quarterly progress report, 6 Jul. - 30 Sep. 1966	1966
19670080135	F-1 bimonthly progress report, 1 October - 30 November 1966 /U/	1966
19670080151	Voltage regulation and conversion in unconventional electrical generator systems Final report, 17 May 1965 - 17 Nov. 1966	1966
19670080175	Safety pack for detonators meet G.S.R. 3172 Project status report	1966
19670080190	Characteristic curve for the Ilford Q-2 plate on a double focusing spark source mass spectrograph	1966
19670080209	Minnesota variable format pulse code modulation junction box project Final report	1966
19670080223	Measurement of phosphor efficiencies at low current densities Annual progress report for period ending Nov. 1966	1966
19670080228	A paradox in the perception of luminance gradients III	1966
19670080238	Piston transverse movement on an ASR2 ENGINE using an ARL oil cushioned piston and a standard piston	1966
19670080250	Computation of wind velocities using tracking data	1966
19670080276	Cold-cathode gas-discharge modulator Annual report	1966
19670080278	Propellant utilization system SLV-3 follow- on test parameters, 69-00710, book no. 1	1966
19670080303	Laser output coupler Final technical report, Jan. - Dec. 1966	1966
19670080335	Bathymetric magnetic and gravity investigation	1966
19670080356	Development of improved low-voltage converter regulator system Final report	1966
19670080360	Research on dc electroluminescent image converter and/or intensifier Final report	1966
19670080381	Fundamental research on advanced oxidizers Quarterly technical report, Dec. 1965 - Feb. 1966	1966
19670080390	Study of gallium arsenide transistor technology	1966
19670080421	Sensitive high vacuum ion gauge using multipliers CVD annual report, RP8-42	1966
19670080457	Parameter plane techniques for active filter systems	1966
19670080459	Employment of a standard spectrum in variable amplitude tests	1966
19670080461	Apollo Extension System. Mission Description - Flights 214 and 215 /U/	1966
19670080462	Apollo Extension System. Mission Description - Flights 216 and 217 /U/	1966
19670080463	Apollo extension system. Mission description - Flight 509 /U/	1966
19670080600	Gemini 9 inertial guidance system evaluation and trajectory reconstruction /U/	1966
19670080601	Launch vehicle flight evaluation report NASA MISSION Gemini/Titan, GT-12 /U/	1966
19670080630	Measurement of high energy neutron flux in space progress report, may 1 - oct. 31, 1965	1966
19670080648	Study of Biogeochemistry of Terrestrial and Extraterrestrial Organic Matter Quarterly Status Report, 10 Aug. - 10 Nov. 1966	1966
19670080650	Investigation of sterilization of secondary batteries quarterly progress report, 26 jan. - 26 apr. 1966	1966
19670080651	Cryogenic Research and Development Progress Report, Period Ending 30 Sep. 1966	1966
19670080653	A Study of Pion and Muon Beam Transport Systems for a 600 Mev Synchrocyclotron Semiannual Status Report, 6 Feb. - 6 Aug. 1966	1966
19670080654	Electron Beam Electrolysis Progress Report, 15 May - 15 Sep. 1966	1966
19670080655	Development of On-line Man-Machine System Performance Measurement and Display Techniques Letter Status Progress Report, 1 Jun. - 31 Aug. 1966	1966
19670080657	D-Region Turbulence Study Progress Report, Mar. - Apr. 1966	1966
19670080658	The Problem of Man's Gravitoinertial Force Environment in Space Flight Progress Report	1966
19670080659	Studies on the Relationship Between Crystalline Structure and Superconductivity Semiannual Progress Report, Period Ending 1 Oct. 1966	1966
19670080660	Research on the Adsorption and Chemical Reactions of Atoms and Molecules on the Surface of Crystals Semiannual Technical Progress Report, 1 May - 1 Nov. 1966	1966
19670080661	Photolysis of Nitric Oxide and Carbon Dioxide Semiannual Progress Report, 1 Mar. - 31 Aug. 1966	1966
19670080669	Continued Photographic Patrol and Study of the Physical Conditions of the Moon and Planets Semiannual Report, 15 Apr. - 14 Oct. 1966	1966
19670080676	Theoretical and Experimental Investigations of the Physics of Crystalline Surfaces Quarterly Status Report, 1 Aug. - 31 Oct. 1966	1966
19670080677	Investigation of the Basic Processes Occurring in Gaseous Plasma in Various Charge Density and Energy States Semiannual Progress Report, 1 Apr. - 1 Oct. 1966	1966
19670080683	Development of a flexible material resistant to nitrogen tetroxide and hydrazine progress report, aug. 10 - sep. 6, 1966	1966
19670080684	Development of a flexible material resistant to nitrogen tetroxide and hydrazine monthly technical progress report no. 2, jun. 10 - jul. 9, 1966	1966
19670080685	Development of a flexible material resistant to nitrogen tetroxide and hydrazine monthly technical progress report no. 5, sep. 7 - oct. 7, 1966	1966
19670080688	The Usefulness of Cytogenetic Methodology as a Research Technique and as a Biomedical Monitoring Procedure Eleven Quarterly Progress Report, 1 Jul. - 30 Sep. 1966	1966
19670080805	Satellite Motion near an Oblate Spheroid and Interatomic Potentials of Binary Systems Semiannual Status Report, Mar. 1 - Aug. 10, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080813	Space-Related Studies in the Physical, Life, and Engineering Sciences Semiannual Status Report, Apr. 1 - Sep. 30, 1966	1966
19670080814	Creep Behavior of Metals in Low-Strain Region Under Slightly Varying Stresses Semiannual Status Report, Apr. 1 - Sep. 30, 1966	1966
19670080815	Multidisciplinary Space-Related Research Semiannual Status Report No. 2, 1 Mar. - 31 Aug. 1966	1966
19670080847	Ground Wind Loads on Space Vehicles Progress Report	1966
19670080854	Multidisciplinary Research on Composite Materials and Plasma Engineering Semiannual Status Report, 1 Jun. - 1 Dec. 1966	1966
19670080917	A Skin Friction Balance	1966
19670080949	Development of ultrahigh strength low density, aluminum plate composites	1966
19670080959	Numerical Methods for Computing the Diffusion of Disturbances on Sonic Boom Waves Semiannual Status Report, Ending 15 Nov. 1966	1966
19670080960	Research and development of silicon solar cells for a near-sun mission bimonthly progress report, 27 apr. - 27 jun. 1966	1966
19670081009	Space cabin fire safety	1966
19670081082	Space Technology Summer Institute 1966	1966
19670081125	Mathematical activities in israel	1966
19670081128	Development of Laser Beam Scattering Techniques for Gas Density Measurement in Rocket Base Flow Fields Quarterly Progress Report, 15 Sep. - 15 Dec. 1966	1966
19670081231	Design, development and delivery of 75-v and 100-v integrated static inverters monthly report, sep. 1966	1966
19670081342	Development of a prototype plastic space erectable satellite progress report, oct. 1966	1966
19670081353	Theoretical and Experimental Investigations of Fatigue Crack Growth Semiannual Progress Report, 1 Jun. 1965 - 1 Dec. 1966	1966
19670081354	An Investigation of a Sonochemical Approach in Sterilization Problems Semiannual Progress Report, 1 Jul. - 31 Dec. 1966	1966
19670081355	Fundamental Concepts of Environmental and Planetary Sciences Final Report, 17 Jun. - 22 Jul. 1966	1966
19670081409	Continuation of density calibration in space technical report, 29 jun. - 29 aug. 1966	1966
19670081410	Pascomsat experiment for apollo application program	1966
19670081460	Infrared Spectra of Molecules and Materials of Astrophysical Interest Semiannual Progress Report, 1 Jun. - 30 Nov. 1966	1966
19670081461	Airglow Observation During NASA Mobile Launch Expedition Number One Quarterly Status Report, 1 Oct. - 31 Dec. 1966	1966
19670081520	Survey Measurements of Upper Air Structure Status Report, 1 Jun. - 31 Aug. 1966	1966
19670081534	Studies of radioactivity and hydrothermal processes in protobiochemistry on earth and the moon monthly letter status report, nov. 1966	1966
19670081576	The Precise Setting of the Position Indicators on the Parkes 210-ft Radio Telescope	1966
19670081580	Flight prototype ammonia storage and feed system monthly letter report, 1 jun. - 1 nov. 1966	1966
19670081712	Luna-12 transmits photographs luna-12 peredayet snimki	1966
19670081778	Advancement of the General Theory of Multiplexing Semiannual Progress Report	1966
19670081779	Information processing of data describing arbitrary solids semiannual status report, 1 jun. - 30 nov. 1966	1966
19670081783	Investigations into the Mechanism and Rates of Atmospheric Mixing in the Lower Thermosphere	1966
19670081786	A Comparative Study of Lunar Craters and Terrestrial Volcano-Tectonic Depressions in Rhyolite Ash-Flow Plateaus Semiannual Report	1966
19670081787	Evaluation of Lithium Hydroxide Canisters as Microbial Filters	1966
19670081789	Investigations and Studies of Ultraviolet Stellar Spectra and Associated Instrumentation Interim Report, 1 Apr. - 30 Sep. 1965	1966
19670081790	Investigation of Luminosity Criteria in o and of Stars Progress Report, 1 Sep. 1965 - 1 Mar. 1966	1966
19670081791	Gas Chromatographic Techniques for the Identification and Study of Nucleosides Progress Report, 1 Sep. 1965 - 1 Feb. 1966	1966
19670081793	Gc Now Separates All Natural Amino Acids	1966
19670081796	Theoretical and experimental investigation of high energy solar flare radiation and of trapped radiation, including balloon-borelor sounding rocket test of prototype detectors	1966
19670081798	Line Integrals, Surface Integrals, Volumes, Centroids, and Moments of Inertia of a Class of Shells of Revolution and for a Larger Class of Shells Status Report, 1 Jul. - 31 Dec. 1965	1966
19670081801	Theoretical and experimental investigation of a three-dimensional magnetic-suspension balance for dynamic-stability research in wind tunnels semiannual status report, 31 may 1965 - 28 feb. 1966	1966
19670081802	Semiannual Progress Report	1966
19670081803	Semiannual Report, July 23, 1965 - January 23, 1966	1966
19670081804	Progress report, period ending 30 november 1965	1966
19670081805	Investigation of Sensitivity of Central and Peripheral Visual Fields	1966
19670081807	Research in the Space Sciences Progress Report, Jun. 10 - Dec. 10, 1965	1966
19670081809	Research Related to an Experimental Test of General Relativity Semiannual Status Report, 1 Jul. - 31 Dec. 1965	1966
19670081811	Status Report	1966
19670081812	Status Report, 1 July - 31 December 1965 (Laboratory Vacuum Ultraviolet Spectroscopy)	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670081813	Semiannual status report, august 1, 1965 - january 31, 1966	1966
19670081814	Basic studies related to electric vacuum gyroscope technology final report, 1 oct. 1964 - 30 sep. 1965	1966
19670081815	Semiannual Status Report, August 1, 1965 - January 31, 1966	1966
19670081816	Semiannual Status Report, June - December 1965	1966
19670081817	Semiannual Report, June 1 - November 30, 1965	1966
19670081818	Semiannual Progress Report, September 15, 1965 - March 15, 1966	1966
19670081820	Control of Nuclear Rocket Progress Report	1966
19670081823	Effects of Antimetabolites on Learning and on Brain Metabolism Semiannual Status Report	1966
19670081827	Wave Functions and Transition Probabilities for Light Atoms and Highly Ionized Ions Status Report No. 5, 1 Aug. 1965 - 31 Jan. 1966	1966
19670081834	Determination of Newton's Gravitational Constant, G, with Improved Precision Status Report, 1 Apr. - 30 Sep. 1966	1966
19670081835	(Volunteer Satellite Observation Program) Summary of Progress and Report of Activities Fourth Quarter, 1 Oct. - 31 Dec. 1966	1966
19670081895	Computer oriented research in the space related sciences annual status report, mar. 1965 - feb. 1966	1966
19670081896	Vacuum Ultraviolet Radiation and Solid State Physics Semiannual Status Report No. 8, Period Ending 28 Feb. 1966	1966
19670081932	Portable prototype tube flare inspection instrument	1966
19670081940	Theoretical Investigation of Liquid Water Injection into the Shock Layer of a Reentry Vehicle Progress Report No. 1, 1 Sep. 1965 - 28 Feb. 1966	1966
19670082012	Molecular Theory of Non-newtonian Fluids Status Report, Sep. 16, 1965 - Mar. 15, 1966	1966
19670082013	Properties of Simple Atoms and Ions Semi- Annual Report, 1 Jul. - 31 Dec. 1965	1966
19670082014	Theoretical and Experimental Investigations of the Microwave Properties of Planetary Atmospheres Status Report, Jun. 15 - Dec. 31, 1965	1966
19670082020	Some causes and consequences of self- concealment and self-disclosure in two group contexts	1966
19670082026	Thermodynamic property charts of saturated liquid parahydrogen in British units	1966
19670082048	Analysis of Geodetic Satellite Tracking Data Quarterly Report, Nov. 1, 1965 - Jan. 31, 1966	1966
19670082094	Policy studies in science and technology final report, 1 may - 30 nov. 1966	1966
19670082095	Progress report, 1 july - 31 december 1966	1966
19670082354	Cryogenic research and development progress report, period ending 31 dec. 1966	1966
19670082362	Photographic techniques and the pipe facility progress report, sep. 1966	1966
19670082441	Time-temperature characteristics in aluminum weldments progress report, 25 mar. 1965 - 25 mar. 1966	1966
19670082460	Design, development and delivery of 75va integrated static inverter	1966
19670082465	Research study on instrument unit thermal conditioning heat sink concepts progress report, apr. 1-30, 1966	1966
19670082520	Semiannual status report, 1 may - 31 october 1966	1966
19670082521	Spaced receiver observations of jovian decameter flux progress report	1966
19670082525	Study of Stability of Unpressurized Shell Structures Under Static Loading Monthly Progress Report, 20 Feb. - 19 Mar. 1966	1966
19670082655	Ames FORTRAN IV subroutine library manual	1966
19670082656	New operating procedures for DCS	1966
19670083012	Electronic energy band structure of solids quarterly status report, sep. 16 - dec. 15, 1966	1966
19670083034	A study toward development of an automated microbial metabolism laboratory monthly progress report no. 2	1966
19670083038	Measurement of Light Scattered from a Laser Beam by the Atmosphere Semiannual Status Report, Jun. 1 - Nov. 30, 1966	1966
19670083040	Design, development and delivery of 75va and 100va integrated static inverters monthly report, for oct. 1966	1966
19670083041	Optimal and suboptimal guidance and control for low thrust orbital transfer	1966
19670083080	Second semiannual progress report, july 1 - december 31, 1966	1966
19670083111	Control system information for sa-203	1966
19670083115	On the reconstruction of objects from their photographs	1966
19670083263	Life cycle tests monthly progress report, period ending 31 oct. 1966	1966
19670083330	Formulation of theoretical basis for analysis and synthesis of advanced self-organizing control systems quarterly technical report, 17 mar. - 16 jun. 1966	1966
19670083333	Identification of linear and nonlinear mechanical systems subject to random excitation quarterly report	1966
19670083338	An Experimental Investigation of Radiation Effects in Semiconductors Semiannual Status Report, 1 Jul. - 31 Dec. 1966	1966
19670083341	Design, development, fabrication and installation of 105-inch lunar and planetary telescope at mc donald observatory quarterly status report, 23 sep. - 22 dec. 1966	1966
19670083433	Optical satellite-tracking program semiannual progress report, 1 jul. - 31 dec. 1966	1966
19670083838	Investigation of the nutritional properties of hydrogenomonas eutropha semiannual report, 1 jun. - 30 nov. 1966	1966
19670083889	Vehicle Assembly building /vab/ fact sheet	1966
19670084009	Design and Development of a Pneumatic Gimbal Actuation System Monthly Technical Report, May 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670084023	Spectroscopic study of solar and planetary atmosphere semiannual status rept., 1 feb. - 1 aug. 1966	1966
19670084160	Research study on instrument unit thermal conditioning heat sink concepts monthly progress report, 1 jul. - 31 jul. 1966	1966
19670084163	A note on the canonical structure theorem for linear systems	1966
19670084174	Research and advanced development. volume iii. supporting research and technology for the office of tracking and data acquisition /new systems and spacecraft subsystems/ national aeronautics and space administration semiannual review, 1 jul. - 31 d	1966
19670084416	Research and development for fabricating a titanium alloy gore segment progress report, 1 may - 1 jun. 1966	1966
19670084419	Research and development for fabricating a titanium alloy gore segment progress report, 1 aug. - 1 sep. 1966	1966
19670084424	Note on shadowgraph continuation experiments /tm66-27/ and program for deflector experiments	1966
19670084613	The pressure dependence of retention volumes	1966
19670084616	A quantitative study of solutions through gas chromatography final report	1966
19670084791	Gaseous electrolytes for batteries and fuel cells quarterly report, period ending 31 jul. 1966	1966
19670084797	Abundance anomalies produced by nuclear reactions in stellar surface layers. ii. results and comparison with anomalies in peculiar a stars	1966
19670084884	Lunar surface mobility systems comparison and evolution study /mobev/ monthly progress letter, 1-30 sep. 1966	1966
19670085410	The effect of mean stress on crack propagation in plates under extension and bending progress report	1966
19670085457	Development of high-temperature, high-current, alkali-metal vapor-filled, ceramic thyratrons and rectifiers final report	1966
19670085458	Voyage Capsule Dynamics Study	1966
19670085512	Biosatellite Electrical Performance Systems Qualification Test	1966
19670085762	Magnetic arc shaper and molten puddle stirrer. phase iii - weld evaluation monthly report, 15 apr. - 31 may 1966	1966
19670085919	Phase ii study of head-end steering for a simplified manned space vehicle	1966
19670086077	Program plan - flight hardware development and delivery for the lunar penetrometer system applicable to the apollo program	1966
19670086561	Differential Equations for the Local Interfacial and Wall Shear Stresses for One-Dimensional Annular Two-Phase Flow	1966
19670086603	Program and Abstracts of Papers for Stanford University Electronics Research Review	1966
19670086735	Mechanical properties of anisotropic sheet materials quarterly progress report, 18 aug. - 18 nov. 1966	1966
19670087210	Solar Radiation and Atmospheric Absorption in the Mm Wave Region Semiannual Report, 1 May - 31 Oct. 1966	1966
19670087292	Hypervelocity impact of microparticles quarterly progress report, jul. 1 - sep. 30, 1966	1966
19670087303	Calibration/certification record system - launch system branch, volume 1	1966
19670087309	Sterilizable wide angle gas bearing gyro fgg334s quarterly progress report, 15 jul. - 15 oct. 1966	1966
19670087598	Differing effects of in vivo hyperoxia on erythrocytes	1966
19670087622	Aviation and cosmonautics	1966
19670087623	Active relay stations in orbit	1966
19670087624	Pathfinders of space	1966
19670087625	In supportless space	1966
19670087626	Pressure suits for pilots and cosmonauts	1966
19670087627	The turbofan engine	1966
19670087642	Research achievements review series no. 19	1966
19670087643	Structural research for advanced designs	1966
19670087644	Strength analysis research	1966
19670087645	Vibration and acoustics structural research	1966
19670087659	Positive pressure system hand valve qualification test	1966
19670087660	Size 8 tandem resolvers for the 5841e gasta as used in lem	1966
19670087662	National aeronautics and space administration space cell test program monthly progress report	1966
19670087663	Investigation of the ignition and combustion of metal wires progress report, sep. 16 - oct. 15, 1966	1966
19670087664	Solid propulsion engineering development plan monthly status report, 10 aug. - 10 sep. 1966	1966
19670087665	Effect of additives on the ignition delay time of hypergolic propellants quarterly report, 5 jul. - 5 oct. 1966	1966
19670087666	Design criteria for space propulsion systems monthly progress report, 1 sep. - 1 oct. 1966	1966
19670087667	Design criteria for zero-leakage connectors for launch vehicles quarterly progress report, 1 apr. - 30 jun. 1966	1966
19670087670	Analytical studies of the use of the propulsive lift concept for the descent and landing of manned entry vehicles monthly technical letter no. 4, 18 jul. - 26 aug. 1966	1966
19670087671	Study of Thermal Absorption in Seeded Hydrogen Monthly Letter Report, 27 Sep. - 27 Oct. 1966	1966
19670087672	Studies of extraterrestrial dust at 140,000 feet quarterly progress report, 4 jul. - 4 oct. 1966	1966
19670087674	Development of compressor end seals, stator interstage seals, and stator pivot seals in advanced air breathing propulsion systems monthly progress report, oct. 1-31, 1966	1966
19670087675	Advanced bearing study quarterly progress report, 1 jul. - 30 sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670087682	Study of random wave phenomena /ignition spiking and popping/ in hypergolic propellant combustion monthly status report, aug. 10 - sep. 10, 1966	1966
19670087683	Design guide for pressurized gas systems monthly report, oct. 1-31, 1966	1966
19670087684	Effect of additives on the ignition delay time of hypergolic propellants monthly status letter, 5 aug. - 4 sep. 1966	1966
19670087685	Development and evaluation of a binder system for an advanced solid propellant oxidizer third monthly progress report, aug. 1-31, 1966	1966
19670087686	Ta-hf alloys metallurgical processing technology progress report no. 11, 9 jul. - 9 aug. 1966	1966
19670087687	An experimental study of the entropy layer surrounding a blunt body at angle of attack quarterly letter report, 17 jun. - 17 sep. 1966	1966
19670087688	Development of one breadboard, two prototypes and six flight test models for the nimbus meteorological satellite letter progress report no. 70, 15 jul. - 15 aug. 1966	1966
19670087690	Advanced valve technology monthly progress report, sep. 1 - oct. 1, 1966	1966
19670087691	Development and evaluation of a binder system for an advanced solid propellant oxidizer fourth monthly progress report, sep. 1-30, 1966	1966
19670087692	Development of a 512 times 12 random access low power aerospace memory quarterly progress report, period ending oct. 15, 1966	1966
19670087693	Advanced bearing study monthly progress report no. 11, 1 oct. - 1 nov. 1966	1966
19670087694	Coatings for regenerative engines fourth monthly progress report, 1-31 oct. 1966	1966
19670087695	Improvement of efficiency and life of expulsion bladders and diaphragms monthly status letter no. 3, oct. 1966	1966
19670087696	Size 8 Resolver for the 5841e Gasta	1966
19670087697	Chemical Origin of the Venusian Clouds Status Report No. 1, Jun. 1 - Sep. 30, 1966	1966
19670087698	Research program to extend cascade data to liquids and higher inlet angles monthly progress report no. 20, sep. 22 - oct. 21, 1966	1966
19670087699	Study of random wave phenomena /ignition spiking and popping/ in hypergolic propellant combustion monthly status report, jul. 11 - aug. 10, 1966	1966
19670087700	Correlation between solid propellant mechanical properties and explosion effects monthly progress report no. 4, oct. 1-31, 1966	1966
19670087701	Ignition of solid rocket propellant surfaces quarterly progress report no. 2, jul. 6 - oct. 6, 1966	1966
19670087702	A study of the adhesion and cohesion of metals quarterly progress report, jun. 9 - sep. 9, 1966	1966
19670087703	Research on computational and display requirements for human control of space vehicle boosters, part iii - honeywell's comrade final report, 22 jun. 1965 - 22 jun. 1966	1966
19670087707	Glycol shutoff valve	1966
19670087708	Reduction of astronauts' clinical medical history data for use on computers quarterly report, 1 jul. - 30 sep. 1966	1966
19670087709	Development of computer technology for medical data analysis to be applied to project apollo and follow-on space missions quarterly report, jul. 1 - oct. 1, 1966	1966
19670087710	Evaluation of Bendix-abrams Infra-red Imagery Flown Status Report, Jul. 7, 1966	1966
19670087740	Preliminary Site Survey for an Astronomical Observatory	1966
19670087741	Electrical noise level study final report, 14 apr. - 13 oct. 1966	1966
19670087753	Qualification test on hart manufacturing company relays number r130b1t-1c-986, r130b1t-9c-985	1966
19670087765	Structural strength summary, slv-3 booster	1966
19670087766	Centuar Quarterly Technical Summary Report, 1 Jan. - 31 Mar. 1963	1966
19670087770	Supplement to flight manual - navy model f4h-1f aircraft	1966
19670087790	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations quarterly progress report, 5 jul. - 5 oct. 1966	1966
19670087802	Glass-fiber-reinforced metallic tanks for cryogenic service monthly progress report no. 11, 16 sep. - 15 oct. 1966	1966
19670087803	Slush hydrogen fluid characterization and instrumentation analysis eleventh monthly progress report, jul. 1-31, 1966	1966
19670087804	Slush hydrogen fluid characterization and instrumentation analysis seventh and eighth monthly progress reports, mar. 1 - apr. 30, 1966	1966
19670087805	Meteoroid-bumper interaction program eighth monthly progress report	1966
19670087806	Large hydrogen-oxygen injector test program third monthly technical progress report, 1-31 oct. 1966	1966
19670087807	Lightweight multi-layer insulation system monthly progress report no. 4, oct. 1-31, 1966	1966
19670087808	Improved resin/glass filament-wound composite monthly letter report no. 14, 1-31 oct. 1966	1966
19670087809	Hydrogen-fluorine engine evaluation monthly status report no. 3, 1-31 oct. 1966	1966
19670087810	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 22 aug. - 22 sep. 1966	1966
19670087811	Solid propulsion engineering development plan monthly status report no. 8, 10 sep. - 10 oct. 1966	1966
19670087812	Study of fluid-controlled solid propellant rocket motors /restartable solid, variable pulse /rsvp/ motor/ monthly status report no. 9, 1-31 oct. 1966	1966
19670087813	The pest phenomenon in intermetallics quarterly report, period ending 19 oct. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670087814	Experimental and theoretical analysis of ablative material response in a liquid- propellant rocket engine thirteenth monthly progress report, oct. 1-31, 1966	1966
19670087815	Development of liquid oxygen positive expulsion bladders monthly progress report no. 4, oct. 1-31, 1966	1966
19670087816	Systems analysis of gelled, space storable propellants fourth monthly letter report, sep. 1966	1966
19670087817	Cryogenic resins for glass filament-wound composites monthly progress report no. 14, 6 oct. - 5 nov. 1966	1966
19670087819	Spacecraft Rocket Engine Chamber Insulation Materials Fourth Monthly Progress Report, Period Ending 30 Sep. 1966	1966
19670087820	Study for development of improved char forming heat shields monthly status report no. 11, 1-31 jul. 1966	1966
19670087821	Experimental investigation of the fundamental modes of a collisionless plasma quarterly progress report, 1 may - 31 jul. 1966	1966
19670087822	Investigation of the ignition and combustion of metal wires progress report, 16 oct. - 15 nov. 1966	1966
19670087823	Improved ablative materials quarterly report, 1 aug. - 31 oct. 1966	1966
19670087824	Flox-methane pump-fed engine study monthly progress report	1966
19670087825	Analysis and Testing of Aircraft Seats Quarterly Progress Report, 1 Aug. - 31 Oct. 1966	1966
19670087826	Investigation of fatigue crack propagation in thin plates and shells status report, apr. - oct. 1966	1966
19670087834	Study of cryogenic container thermodynamics during propellant transfer quarterly progress report	1966
19670087836	Studies for Contingency Planning in the Apollo Program Quarterly Progress Report, 1 Jul. - 30 Sep. 1966	1966
19670087837	Extended loading of cryogenic tanks quarterly progress report, 1 jun. - 31 aug. 1966	1966
19670087863	Test procedures, electrical noise level study final report, 14 apr. - 13 oct. 1966	1966
19670087866	Isotopic Chemistry of Meteorites Semiannual Report	1966
19670087868	Analytical and Experimental Research in Space Physics Including Balloon and Rocket Flight Experiments Status Report, 1 Apr. - 30 Sep. 1966	1966
19670087869	Informal Letter Progress Report to Nasa on Progress at the Jicamarca Radar Observatory During Period 1 July - 31 October 1966	1966
19670087870	Investigation of near Critical and Supercritical Burning of Fuel Droplets Quarterly Progress Report, 1 Sep. - 30 Nov. 1966	1966
19670087871	Social Sciences Work Quarterly Report, 1 Jul. - 30 Sep. 1966	1966
19670087872	Study of Effect of Environment on Plant Growth and Development Semiannual Report, 1 Dec. 1965 - 31 May 1966	1966
19670087910	Technical shops branch facilities and capabilities manual	1966
19670087913	Aviation and cosmonautics, no. 8 aviatsiya i kosmonavtika	1966
19670087914	Towards hypersonic speeds and cosmic altitudes	1966
19670087915	Economy in aircraft	1966
19670087916	Space is being conquered by men with wings	1966
19670087917	Plasma engines and their capabilities	1966
19670087918	The universe and life	1966
19670087927	Long range survey system task 1m643315d57812 of project	1966
19670087943	Research and advanced technological development activities quarterly progress report /art/srt/, jul. 1 - sep. 30, 1966	1966
19670087950	Techniques of image processing and pattern recognition and the design of image recognition system quarterly progress report, 13 jan. - 12 mar. 1966	1966
19670087951	Correlation between solid propellant mechanical properties and explosion effects quarterly progress report, jul. 1 - sep. 30, 1966	1966
19670087975	Radiographic inspection of semiconductor devices	1966
19670087983	Design of experimental liquid oxygen converter quarterly report, 1 jul. - 30 sep. 1966	1966
19670087984	Experimental and Theoretical Study of Ionospheric Electron Content and Upper Ionosphere Ionic Processes by Means of Satellite Radio Transmissions Semiannual Report, May 1 - Oct. 31, 1966	1966
19670087985	A Comparative Study of the Evolution of Enzymes and Nucleic Acids Summary Report, May 1 - Oct. 31, 1966	1966
19670087986	Research on Heat-resistant Alloys Status Report, Apr. 1 - Sep. 30, 1966	1966
19670087987	Support of Solar Flare Patrol by a World-wide Network of Observations, for the Collection of Data on Solar Flares and Associated Ionospheric Disturbances Quarterly Status Report, Jul. 14 - Oct. 13, 1966	1966
19670087989	Structural changes in high-strength steel associated with stress corrosion and its relationship to delayed failure	1966
19670087993	Model ra-5c airplanes biweekly flight test summary report no. 311, period ending 15 oct. 1966	1966
19670087994	Model ra-5c airplanes biweekly flight test summary report no. 312, period ending 29 oct. 1966	1966
19670088017	Advanced aerial fire support system technical development plan	1966
19670088025	Advanced Engineering Program. System and Dynamics Investigation Monthly Report, Aug. 1966	1966
19670088040	Solid propulsion engineering development monthly status report, 10 jul. - 10 aug. 1966	1966
19670088041	Technological Development of a Throttling Hybrid Propulsion System Fourth Monthly Letter Report, 1-31 Aug. 1966	1966
19670088042	Study for Evaluation of Plug Multichamber Configuration, Phase II Quarterly Report, 27 Jun. - 27 Sep. 1966	1966
19670088045	Liquid Oxygen Turbopump Study Quarterly Report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088046	J-2 program bimonthly progress report, 1 jul. - 31 aug. 1966	1966
19670088047	Advanced Engineering Program System and Dynamics Investigation /aerospike/ Monthly Report for Sep. 1966	1966
19670088051	J-2 program bimonthly progress report, jan. - feb. 1966	1966
19670088053	Experimental Formulation of Liquid b Compounds Monthly Progress Report, 1-31 Oct. 1966	1966
19670088054	Investigation of Nonequilibrium Flow Effects in Hydrogen-fluorine Rocket Nozzles Quarterly Progress Report, 10 Aug. - 9 Nov. 1966	1966
19670088055	A Study of Composite Propulsion Systems for Advanced Launch Vehicle Applications Monthly Progress Report, 20 Oct. - 20 Nov. 1966	1966
19670088056	Experimental Formulation of Liquid b Compounds Quarterly Report, 1 Jul. - 30 Sep. 1966	1966
19670088057	Study of Fluid-controlled Solid Propellant Rocket Motors /restartable Solid, Variable Pulse /rsvp/ Motor/ Status Report, 1 Jun. - 31 Oct. 1966	1966
19670088058	Design and Development of an Upper Stage Hybrid Thrust Chamber Assembly	1966
19670088059	A Study of Composite Propulsion Systems for Advanced Launch Vehicle Applications Monthly Progress Report, 20 Sep. - 20 Oct. 1966	1966
19670088060	Investigation of Nonequilibrium Flow Effects in Hydrogen-fluorine Rocket Nozzles Monthly Progress Report, 10 Sep. - 9 Oct. 1966	1966
19670088061	Studies of Thermionic Materials for Space Power Applications Monthly Report, 1-30 Sep. 1966	1966
19670088062	Molecular beam surface interaction quarterly progress report, 15 oct. 1965 - 15 jan. 1966	1966
19670088063	Lithium-fluorine-hydrogen propellant study monthly progress report, nov. 1966	1966
19670088064	Research program to extend cascade data to liquids and higher inlet angles quarterly progress report, aug. 22 - nov. 21, 1966	1966
19670088065	A study of random wave phenomena in hypergolic propellant combustion semiannual report	1966
19670088066	Low-thrust trajectory computer program development first quarter technical progress report, jul. 1 - oct. 1, 1966	1966
19670088067	Automatic cavity tuning and improved bulb and atomic hydrogen source studies quarterly reports, feb. 1 - jul. 31, 1966	1966
19670088068	Feasibility study of man-made radio frequency radiation measurement monthly progress report, period ending 31 oct. 1966	1966
19670088069	Application of hydrogen bacteria to bioregenerative life support systems - growth of hydrogenomonas eutropha in urine quarterly progress report, 20 aug. - 20 nov. 1966	1966
19670088070	Prober shock tube experiments ii - instrumentation monthly progress report	1966
19670088071	Prober ninth monthly progress report	1966
19670088072	Prober shock tube experiments ii - instrumentation monthly progress report	1966
19670088074	Prober shock tube experiments ii - instrumentation figures monthly progress report	1966
19670088075	Prober shock tube experiments monthly progress report ii - instrumentation	1966
19670088076	Prober instrumentation monthly progress report	1966
19670088077	Stigmatic spectrograph study quarterly status report, 1 jul. - 30 sep. 1966	1966
19670088078	Development of controls for time-temperature characteristics in aluminum weldments progress report, may 31 - jun. 30, 1966	1966
19670088079	Qualification test and system development report summary for mcr-503 receiver /50m10697/ and secure range safety decoder /50m10698/	1966
19670088081	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 22 oct. - 22 nov. 1966	1966
19670088083	Propellant line dynamics progress report	1966
19670088084	Design, development and delivery of 75-va and 100-va integrated static inverters monthly progress report, aug. 1-31, 1966	1966
19670088085	Apollo interface control document log	1966
19670088086	Advanced experimental thrust chamber monthly progress report, sep. 1-30, 1966	1966
19670088087	An electrohydrodynamic vapor absorption refrigerator for weightless environments monthly progress report, 7 oct. - 7 nov. 1966	1966
19670088088	Collection and Analysis of Micrometeorites Semiannual Status Report, 1 Dec. 1965 - 1 Jun. 1966	1966
19670088089	Investigation of smooth-bonded metal liners for glass fiber filament-wound pressure vessels monthly progress report, 1-30 nov. 1966	1966
19670088090	Glass-fiber-reinforced metallic tanks for cryogenic service monthly progress report, 16 oct. - 15 nov. 1966	1966
19670088091	Ranger block iii final report	1966
19670088094	Atlas/centaur launch vehicle study guidance and control, phase iv and phase v monthly progress report, 18 oct. - 17 nov. 1966	1966
19670088096	Feasibility study of man-made radio frequency radiation measurement monthly progress report	1966
19670088119	Orientation of dielectric liquids in low gravity fields by electric phenomena	1966
19670088142	Test plan for measurement of pressure correlation on model cylinders in a reverberant sound field	1966
19670088143	Progress Report for the Period January 26 to February 26, 1966	1966
19670088188	Study of Ionospheric and Telecommunications Experiments on Manned Spacecraft Quarterly Status Report, 1 Jul. - 30 Sep. 1966	1966
19670088189	Dynamic programming /guidance, navigation, spacecraft, space flight/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088190	Analysis of st-124m stabilized platform data received from as-201. preliminary design study for a mounting system incorporating isolators	1966
19670088191	Adl multipod helium refrigerator final report	1966
19670088194	Feasibility study of man-made radio frequency radiation measurement monthly progress report, 23 oct. - 30 nov. 1966	1966
19670088195	Research and development of improved capacitance type lh2 mass flowmeter design quarterly progress report, period ending nov. 15, 1966	1966
19670088196	An Experimental Investigation of Human Circadian Rhythms, Including Consideration of Natural and Artificial Zeitgeber Semiannual Status Report, 1 May - 31 Oct. 1966	1966
19670088197	The aeroelastic characteristics of the saturn v launch vehicles sa-501 and sa-502	1966
19670088198	Chamber Technology for Space Storable Propellants Monthly Progress Report, Period Ending 25 Nov. 1966	1966
19670088222	Technical investigation of rf characteristics for tacan antennas final report	1966
19670088224	Design criteria for zero-leakage connectors for launch vehicles quarterly progress report, jan. 1 - mar. 31, 1966	1966
19670088225	Design criteria for space propulsion systems monthly progress report, 1 sep. - 1 oct. 1966	1966
19670088246	Results of tests of vascojet 90 alloy sheet for agard refractory metals round robin testing program	1966
19670088248	A reading comprehension test final report	1966
19670088270	The aeroelastic characteristics of the saturn-1b launch vehicles sa-201, sa-202, sa-204, and sa-205	1966
19670088271	The development and characterization of new storable propellant bladder materials monthly progress report	1966
19670088272	Study for development of improved char forming heat shields monthly status report, 1-30 sep. 1966	1966
19670088274	Design criteria for space propulsion systems monthly progress report	1966
19670088279	Atmospheric penetration	1966
19670088301	Improved sterilizable multiplier phototubes quarterly progress report, period ending 30 sep. 1966	1966
19670088307	Activities of the Hydrology Program Monthly Report, Nov. 1966	1966
19670088309	Variation in trafficability of four loess soils	1966
19670088311	Research in russian english mechanical translation on syntactic level final report, 20 may 1965 - 19 may 1966	1966
19670088313	Maximum time policies	1966
19670088319	Heat pipe thermionic converter development quarterly report, 23 jun. - 30 sep. 1966	1966
19670088329	Qualifications and experience in the field of thermionic converters	1966
19670088331	Theoretical and Experimental Studies of the Nature and Characteristics of Space-related Plasma Resonance Phenomena Semiannual Report, 1 May - 31 Oct. 1966	1966
19670088332	Passive geodetic satellite inflatable sphere assemblies final report, apr. 1965 - jun. 1966	1966
19670088338	Qualification of metlbond 250, type 1, a type 1, class 3, adhesive under federal specification mmm-a-132 submitted by whittaker corporation, narmco materials division	1966
19670088339	Production control in cartography	1966
19670088340	Experimental and theoretical analysis of ablative material response in a liquid- propellant rocket engine monthly progress report, 1-30 nov. 1966	1966
19670088350	40mm ammunition signal flare	1966
19670088351	Mechanization study of the mechanical properties data center, traverse city, michigan	1966
19670088353	Report of qualification test results on marvellum company product marvelwrap 12466	1966
19670088354	High accuracy voltmeter evaluation final report	1966
19670088370	An experimental study of the strength of cast aluminum-silicon alloys	1966
19670088423	Technical notes on syracuse university research corp. multifilar contrawound helical antenna	1966
19670088424	Main tank injection pressurization monthly report, 1-30 nov. 1966	1966
19670088425	Theoretical and Experimental Investigations of the Interplanetary Medium and in Gamma-ray Astronomy Progress Report, 1 Jan. - 30 Jun. 1966	1966
19670088426	Experimental Study of Cold Welding in Ultra- High Vacuum as a Function of Surface Contamination Quarterly Progress Report, 1 Jul. - 30 Sep. 1966	1966
19670088427	Meteor Research Program Bimonthly Progress Report, 1 Oct. - 30 Nov. 1966	1966
19670088428	Theoretical Study of the Ring Current and Geomagnetic Field Semiannual Report, 1 Apr. - 1 Oct. 1966	1966
19670088429	Main tank injection pressurization monthly report, 1-31 dec. 1966	1966
19670088430	Two stage bi-propellant injection system studies monthly progress report, 1-30 nov. 1966	1966
19670088431	Lightweight multi-layer insulation system monthly progress report, 1-30 nov. 1966	1966
19670088444	Mission control center houston, familiarization manual	1966
19670088446	Uniform format for specifications and standards	1966
19670088447	Project mercury final report, jul. 1959 - nov. 1961	1966
19670088448	Management procedures for automatic data processing equipment	1966
19670088459	Toward a psychological operations information and analysis center	1966
19670088466	Evaluation of the combustion of a light metal hydride gelled fuel with selected oxidizers	1966
19670088474	Advanced ramjet concepts program progress report, 1-30 nov. 1966	1966
19670088476	Advanced ramjet concepts, cy 1966 second quarter oral report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088552	Atlas/centaur launch vehicle study guidance and control. phase iv and phase v monthly progress report, 18 nov. - 31 dec. 1966	1966
19670088553	Study of fluid-controlled solid propellant rocket motors restartable solid, variable pulse /rsvp/ motor monthly status report, 1 nov. - 30 nov. 1966	1966
19670088554	Radiation hazards to man on extended missions quarterly progress report	1966
19670088555	Progress letter for period ending august 27, 1966	1966
19670088556	Chemosynthetic gas exchanger quarterly progress report, sep. 8 - dec. 8, 1966	1966
19670088557	Dual radiometer assembly for project scanner monthly progress report, 1 apr. - 31 may, 1966	1966
19670088558	Extended loading of cryogenic tanks monthly progress report, oct. 1-31, 1966	1966
19670088559	Cyclic flaw growth in 2014-t62 aluminum and 6a1-4v /eli/ titanium monthly progress report	1966
19670088560	Extended loading of cryogenic tanks monthly progress report, sep. 1-30, 1966	1966
19670088563	Colloidal asbestos fibrils as reinforcements for polymeric structures quarterly progress report, 1 aug. - 31 oct. 1966	1966
19670088564	Meteorological Interpretation of Satellite Radiation Data Semiannual Status Report, 1 Apr. - 30 Sep. 1966	1966
19670088565	Cardiopulmonary Responses to Induced Motion Sickness	1966
19670088566	Atlas/agena-19 applications technology satellite-b operations summary	1966
19670088567	Meteoroid-bumper interaction studies quarterly progress report, sep. 1 - nov. 30, 1966	1966
19670088582	Model ra-5c airplanes biweekly flight test summary report no. 304, period ending 9 jul. 1966	1966
19670088583	Model ra-5c airplanes biweekly flight test summary report no. 305, period ending 23 jul. 1966	1966
19670088584	Model ra-5c airplanes biweekly flight test summary report no. 306, for period ending 6 aug. 1966	1966
19670088585	Model ra-5c airplanes biweekly flight test summary report no. 307, period ending 20 aug. 1966	1966
19670088586	Model ra-5c airplanes biweekly flight test summary report no. 308, period ending 3 sep. 1966	1966
19670088587	Model ra-5c airplanes biweekly flight test summary report no. 309, period ending 17 sep. 1966	1966
19670088588	Model ra-5c airplanes biweekly flight test summary report no. 310, period ending 1 oct. 1966	1966
19670088589	Model ra-5c airplanes biweekly test summary report no. 315, period ending 10 dec. 1966	1966
19670088602	Delta-42 intesat ii f-1 flash flight report	1966
19670088603	Apollo/saturn ib launch support operations plan	1966
19670088604	Centaur-9 /ac-9/ flash flight report	1966
19670088610	Improved resin/glass filament-wound composite monthly letter report, nov. 1-30, 1966	1966
19670088612	Delta-37 final field report operational tiros ot-2 /essa-2/	1966
19670088615	Monthly letter progress report, november 1966	1966
19670088616	Investigation of the ignition and combustion of metal wires progress report, 16 nov. - 15 dec. 1966	1966
19670088617	An electrohydrodynamic vapor absorption refrigerator for weightless environments monthly progress report, 7 nov. - 7 dec. 1966	1966
19670088618	High frequency combustion instability mathematical analysis	1966
19670088619	Investigation of resin systems for improved ablative materials progress report, 1 oct. - 4 nov. 1966	1966
19670088620	Preparation of fluoroelastomers for use with cryogenic storable propellants quarterly report, 1 sep. - 31 nov. 1966	1966
19670088628	Sandwich-wire antenna	1966
19670088631	Delta-34 geodetic explorer satellite-a /geos-a/ final field report	1966
19670088632	Delta-33 orbiting solar observatory-c /oso-c/ final field report	1966
19670088633	Base support services contractor production control group operational procedures, volume 1	1966
19670088634	Base support services contractor planning and estimating group operational procedures, volume 2	1966
19670088636	Delta-42 intelsat ii f-1 operations summary	1966
19670088637	Centaur-9 /ac-9/ operations summary	1966
19670088638	Energy deposition and transmission of radiation emitted by a nuclear detonation - a computer code technical report, jan. - dec. 1965	1966
19670088644	Isis program technical status report	1966
19670088650	Application technology satellite /ats-4/ monthly progress report, 1-31 oct. 1966	1966
19670088652	Advanced nitroso polymers, 28 november - 27 december 1966	1966
19670088657	Visual acuity and astronaut visibility, manned space flight experiment s-8/d-13 gemini v and gemini vii missions	1966
19670088659	Development of main-shaft seals for advanced air-breathing propulsion systems monthly progress report, 1-30 nov. 1966	1966
19670088660	Design and development study for manned space flight operations control and support monthly progress report	1966
19670088661	Techniques of image processing and pattern recognition and the design of image recognition system quarterly progress report, 13 mar. - 12 may 1966	1966
19670088662	Semiannual status report, march 1 to august 31 1966	1966
19670088663	The measurement of lunar and planetary infrared radiation	1966
19670088664	Mitochondrial heat production	1966
19670088665	Analytical studies in the learning and memory of skilled performance	1966
19670088666	Optimization of space systems design	1966
19670088667	Experiments with ultraviolet light	1966
19670088669	Ideal single sideband modulation and demodulation	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670088670	Determination of optimum nozzle contours for the expansion of dissociated gas by methods of the variational calculus semiannual report	1966
19670088678	Air force tenth technology review, 25 and 26 may 1966. preliminary agenda	1966
19670088697	Advanced Solid Propellant Formulation Techniques Third Quarterly Status Letter, 22 Sep. - 21 Dec. 1966	1966
19670088699	Optical image design study /flat photocathode/ interim technical report, 25 Jul. - 24 oct. 1965	1966
19670088701	A special technique for freejet testing of aft-inlet propulsion systems	1966
19670088706	Manual of operations - balance store, volume ii	1966
19670088733	A study of teflon bladder design criteria for use in the expulsion propellant tanks of the apollo-saturn and lunar orbiter vehicles monthly progress report, 1-31 jul. 1966	1966
19670088735	Final launch criteria twx, agena vehicle 6151, ats-b /sasse/	1966
19670088736	Launch information letter for the lunar orbiter project, mission 2, agena vehicle 6631	1966
19670088770	Launch Information Letter for the Lunar Orbiter Project, Mission 2, Agena Vehicle 6631	1966
19670088773	Report to Nasa on Progress at the Jicamarca Radar Observatory Progress Report, 1 Nov. - 31 Dec. 1966	1966
19670088774	The Stanford Study of the Mariner IV Occultation Data Semiannual Report, 1 Apr. - 30 Sep. 1966	1966
19670088777	Size 9 servo motor for 4060p indicator,	1966
19670088784	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report no. 5, 5 nov. - 5 dec. 1966	1966
19670088817	Development of liquid oxygen positive expulsion bladders monthly progress report, 1-31 dec. 1966	1966
19670088842	Life test of motorola transistor 2n2907 /sd235/,	1966
19670088877	X-22a tri-service v/stol aircraft monthly progress report, dec. 1-31, 1965	1966
19670088896	[No Title]	1966
19670088927	Lunar and Solar System Research Semiannual Status Report, 1 May - 31 Oct. 1966	1966
19670088930	Magnetometer Development Quarterly Progress Report for Period Ending Dec. 31, 1966	1966
19670088933	Oconus defoliation test program	1966
19670088940	Xc-142a vtol transport program monthly progress report, feb. 1966	1966
19670088961	Cold Sensitive Mutants of Ps. Putida Progress Report, Jul. 1 - Dec. 31, 1966	1966
19670088963	Transport phenomena in gases of average pressure transporterscheinungen in gasen von mittlerem druck	1966
19670088977	Research on experimental heat of vaporization and enthalpy measurements of oxygen-nitrogen- argon mixtures quarterly progress report, 7 oct. - 31 dec. 1965	1966
19670088986	Spacecraft rocket engine chamber insulation materials monthly progress report, period ending 31 oct. 1966	1966
19670088988	X15 thermal protection system monthly progress report	1966
19670088990	Coatings for regenerative engines monthly report	1966
19670089020	Manned Space Flight Network Instruction Manuals	1966
19670089036	The visibility on non-uniform target- background complexes. i - preliminary experiments	1966
19670089037	Theoretical Studies of Turbulence in Plasmas Semiannual Status Report, 1 Jun. 1965 - 30 Nov. 1966	1966
19670089038	Turbulence in the solar wind and the geomagnetic transition region	1966
19670089039	Particle acceleration in astrophysics	1966
19670089042	Apollo guidance and navigation system job description cards	1966
19670089047	Apollo packing, shipping, and handling manual	1966
19670089053	Apollo - Lunar Excursion Module - Primary guidance, navigation, and control system manual, volume II	1966
19670089055	Apollo - Lunar Excursion Module - Primary guidance, navigation, and control system manual, volume I	1966
19670089062	FEAT/EMC mission oriented /plugs in/, volume 2	1966
19670089079	Training Plan Book: I and II	1966
19670089092	Pa-1 Propulsion and Reaction Control Test Rig, Part No. LTM280-25150	1966
19670089154	Descent Stage Substitute Propellant Cold Flow Test, Volume 1	1966
19670089174	Descent Stage Substitute Propellant Cold Flow Test, Volume 2	1966
19670089198	Trip report - Attendance at ALOC meeting, October 4, 1966	1966
19670089227	Acceptance Checkout Equipment-spacecraft - Mila Peripheral Equipment Lcc-39 Installed at Merritt Island Launch Area, Merritt Island, Florida Description Manual	1966
19670089233	Saturn IB ESE interlock system	1966
19670089267	Apollo Command Module Block II. Primary Guidance, Navigation, and Control System Manual, Volume I	1966
19670089270	ACE-S/C operators manual - Acceptance checkout equipment-spacecraft	1966
19670089277	Apollo/Saturn data handbook	1966
19670089280	Flight controls checkout	1966
19670089281	A note on Robertson's approximate redshift- magnitude relation	1966
19670089282	C-band Section Insertion Loss and Voltage Standing Wave Ratio Test	1966
19670089283	S-band Section Insertion Loss and Voltage Standing Wave Ratio Test	1966
19670089285	Mated Lm-weight and Center of Gravity Check	1966
19670089286	A/s liquid low level indicator and d/s propellant quantity gaging system verification	1966
19670089289	Ags Functional Test	1966
19670089290	S-band Functional Verification	1966
19670089291	C-band Section Insertion Loss and Voltage Standing Wave Ratio Test	1966
19670089293	S-band Section Insertion Loss and Voltage Standing Wave Ratio Test	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089294	Catalog of launch vehicle operational procedures, saturn v, apollo/saturn 502, volume 1	1966
19670089295	Guidance system operations plan, as-501. volume i - operations	1966
19670089297	Apollo operations handbook - lunar excursion module	1966
19670089299	Project apollo c-band section insertion loss and voltage standing wave ratio test	1966
19670089300	C-band Section Insertion Loss and Voltage Standing Wave Ratio Test	1966
19670089305	Environmental Control Subsystems Functional Test	1966
19670089306	Operational VHF Section Insertion Loss and Voltage Standing Wave Ratio Test	1966
19670089315	Fourth letter report, october 1966	1966
19670089321	Space programs quarterly report, oct. - dec. 1966	1966
19670089322	Environmental Control Subsystem Leak and Interstage Proof Test	1966
19670089323	Descent Stage Propellant Feed Section, Dry and Sample	1966
19670089324	Environmental Control Subsystems Functional Test	1966
19670089325	HTS-Flush and W/G Fill	1966
19670089326	Ascent Stage Propulsion Subsystem Dry Leak Check	1966
19670089327	S-band Section Insertion Loss and Voltage Standing Wave Ratio Test	1966
19670089328	S-band Functional Verification	1966
19670089329	Operation VHF Section Insertion Loss and Voltage Standing Wave Ratio Test	1966
19670089330	Descent stage fluid system test harness electrical check and propulsion proof pressure test	1966
19670089331	Data Channel Verification, Volume 2	1966
19670089341	Investigation of the Laminar Flow Control Characteristics of a 33 Deg Swept Suction Wing at High Reynolds Numbers in the NASA AMES 12-Foot Pressure Wind Tunnel in August 1965	1966
19670089342	Descent Stage, Propulsion System Ambient Helium Purge	1966
19670089343	Ascent Stage Eps Power Distribution Verification	1966
19670089344	C-band section insertion loss and voltage standing wave ratio test	1966
19670089345	Ascent Stage Propellant Feed Section - Dry and Sample	1966
19670089347	Qualification test to establish a 70-percent confidence in the quantitative reliability of hose assembly, flexible, high and low pressure, addendum 10	1966
19670089349	Hunte c limited portable weapons cache detector searchhead construction and test report	1966
19670089350	Concealed munitions detector research final technical report, 16 mar. 1965 - 15 apr. 1966	1966
19670089351	Study of the Solar Wind, the Magnetosphere, and the Transition Region Final Report, 15 Sep. - 15 Dec. 1966	1966
19670089352	Detection of electrostatic waves on OV3-3	1966
19670089353	Criticism of the report by t. l. aggs on and c. a. kapetanakos, "On the impedance of a satellite borne vlf electric field antenna"	1966
19670089354	Handbook of instructions for aerospace systems design. Volume IV - Electromagnetic compatibility	1966
19670089355	Landing radar performance verification	1966
19670089356	D/s - s/s propellant tank pressurization capabilities	1966
19670089357	Propellant quantity gaging system verification	1966
19670089358	D/s insertion loss for s-band operation and vhf/uhf dfi	1966
19670089360	A/s fluid systems test harness electrical check lm2	1966
19670089361	D/s internal component leak checks	1966
19670089362	Cabin safety pressure test and cabin leak test	1966
19670089364	Control electronics section functional test	1966
19670089365	Pulse code modulation and timing electronics assembly turn-on and verification	1966
19670089366	Propulsion subsystem descent stage ambient helium purge	1966
19670089369	Rcs liquid flush	1966
19670089370	D/s pressurization and propellant feed section proof pressure and leak check	1966
19670089371	Ascent stage - environmental control subsystem, proof pressure and leakage	1966
19670089373	Ascent stage - environmental control subsystem, proof pressure and leakage	1966
19670089374	Guidance and navigation verification test and operational check	1966
19670089375	Explosive devices subsystem test	1966
19670089376	Descent stage eps power distribution verification	1966
19670089379	Descent stage explosive devices subsystem test	1966
19670089380	Guidance and navigation parameter verification test	1966
19670089381	Rcs liquid flush	1966
19670089382	Guidance and navigation parameter determination test	1966
19670089383	Lta-10r descent stage ballast system proof and leak check - geac, bpa	1966
19670089384	Vehicle weight and center of gravity determination	1966
19670089385	Functional verification of developmental flight instrumentation c-band transponders	1966
19670089386	D/s dry leak check	1966
19670089387	D/s pressurization and propellant feed system low pressure helium leak and proof pressure check	1966
19670089388	A/s - weight and center of gravity test	1966
19670089389	Low pressure descent engine interface leak check	1966
19670089391	Rendezvous radar/lem guidance computer integrated tests	1966
19670089392	Ocp support checklist	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089393	Ocp support checklist	1966
19670089394	Liquid level indicator and d/s pqgs verification	1966
19670089396	A/s weight and center of gravity test	1966
19670089397	Lem mission programmer functional test	1966
19670089398	Descent stage ocps proof pressure, external leakage and flow checks	1966
19670089399	Aot 3 position detent calibration and g and n fine alignment	1966
19670089400	Descent stage eps distribution verification	1966
19670089401	Cabin - proof pressure test, cabin leak test, and cabin dump/relief valve functional test	1966
19670089402	Landing radar parameter verification	1966
19670089404	Developmental flight instrumentation functional verification	1966
19670089406	A/s pressurization and propellant feed systems - proof pressure and leak checks	1966
19670089407	Descent stage substitute propellant cold flow test, volume 2	1966
19670089408	Landing radar/lem guidance computer integration	1966
19670089409	A/s fluid system test harness electrical check	1966
19670089410	Descent stage fluid systems test harness electrical check and propulsion dry leak structural integrity test	1966
19670089411	A/S Engine Interface Leak Check	1966
19670089412	Lighting functional test	1966
19670089413	Cabin-proof pressure test, cabin leak test, and cabin dump/relief valve functional test	1966
19670089414	Developmental flight instrumentation power verification	1966
19670089415	Developmental flight instrumentation power verification	1966
19670089416	Ascent stage propulsion subsystem dry leak check	1966
19670089417	Ascent stage eps power distribution verification	1966
19670089418	Descent stage instrumentation end-to-end verification	1966
19670089421	Digital command assembly, functional verification	1966
19670089422	Data channel verification	1966
19670089423	Ascent stage - oxygen pressure section - proof pressure, leakage, and functional checks	1966
19670089424	Ascent stage ecs w/g draining procedure	1966
19670089425	Ascent stage propulsion subsystem propellant feed section, helium low pressure leak test	1966
19670089426	Ascent stage substitute propellant cold flow test	1966
19670089427	Ascent stage propellant tank - proof pressurization and leakage test	1966
19670089428	D/s insertion loss for s-band operation and vhf/uhf dfi	1966
19670089429	D/s insertion loss for s-band operation and vhf/uhf dfi	1966
19670089430	Data storage electronics assembly verification	1966
19670089431	Rcs cold flow test harness electrical check /lem 1/	1966
19670089432	Ascent stage propulsion and ecs test harness electrical check	1966
19670089434	Water management section leak and functional test	1966
19670089437	Feat/emc mission oriented /plugs in/, volume 1	1966
19670089439	Ascent stage pressurization and propellant feed section leakage check	1966
19670089440	Digital command assembly functional verification	1966
19670089441	Control electronics section functional test	1966
19670089445	Vhf/uhf section insertion loss and voltage standing wave ratio test	1966
19670089446	Ascent stage - oxygen pressure section - leakage, and functional checks	1966
19670089447	A/s - pressurization and propellant feed system - proof pressure and leak checks	1966
19670089448	Data channel verification	1966
19670089449	Ascent stage eps power distribution verification	1966
19670089450	Operational vhf section insertion loss and voltage standing wave ratio test	1966
19670089452	Water management section leak and functional test	1966
19670089453	Rcs low pressure proof and leak test	1966
19670089454	Pulse code modulation and timing electronics assembly, and event timer turn-on and verification	1966
19670089455	Dfi functional verification /Ia8 ascent stage/	1966
19670089461	Waste management section - external leakage test	1966
19670089462	Descent stage, environmental control, subsystem proof-pressure and leakage tests	1966
19670089463	Pulse code modulation and timing electronics assembly turn-on and verification	1966
19670089464	Supercritical helium heat leak check	1966
19670089465	D/s propulsion subsystem, pressurization and propellant feed section, proof pressure test	1966
19670089466	Developmental flight instrumentation power verification	1966
19670089467	Developmental flight instrumentation power verification	1966
19670089468	Rendezvous radar performance verification /self test/	1966
19670089469	D/s propulsion subsystem, pressurization and propellant feed section, proof pressure test	1966
19670089470	Rcs purge and sample /thrusters not installed/	1966
19670089471	Descent stage instrumentation end-to-end verification	1966
19670089473	Pulse code modulation and timing electronics assembly turn-on and verification	1966
19670089475	Rcs module proof leakage and functional tests	1966
19670089476	Ascent stage propellant feed section dry and sample	1966
19670089479	Ascent stage substitute propellant cold flow test	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089480	Vhf/uhf section insertion loss and voltage standing wave ratio test	1966
19670089481	D/s internal component leak checks	1966
19670089482	Landing radar functional verification	1966
19670089483	Explosive devices subsystem test	1966
19670089484	Descent stage eps functional test	1966
19670089485	Guidance and navigation alignment	1966
19670089486	Oxygen cabin pressure section functional test	1966
19670089487	Descent stage propellant feed section, flush, dry and sample	1966
19670089488	Low pressure leakage check - reaction control subsystem	1966
19670089489	D/s substitute propellant cold flow test	1966
19670089490	D/s dry leak check	1966
19670089491	D/s dry leak check	1966
19670089492	Abbreviated integrated lm guidance computer/rendezvous radar test	1966
19670089497	Ascent stage propulsion subsystem dry leak check	1966
19670089498	Ascent stage electrical power functional test	1966
19670089499	Ascent stage - oxygen pressure section - leakage and functional checks	1966
19670089500	Ascent stage propulsion subsystem - pressurization and propellant feed sections helium low pressure leak test	1966
19670089501	Rcs prop feed sect proof leak and functional test	1966
19670089502	Operational vhf section insertion loss and voltage standing wave ratio test	1966
19670089503	Ascent stage - pressurization and propellant feed section - dry structural integrity test	1966
19670089504	Operational vhf section insertion loss and voltage standing wave ratio test	1966
19670089505	Descent stage eps power distribution verification	1966
19670089506	Digital command assembly, functional verification	1966
19670089507	Vhf/uhf section insertion loss and voltage standing wave ratio test	1966
19670089508	Dfi functional verification /lta8 ascent stage/	1966
19670089509	Oxygen cabin pressure section functional test	1966
19670089512	Non-instrumentation electrical power subsystem build-up test	1966
19670089513	Control electronics section functional test	1966
19670089514	Descent stage propulsion subsystem supercritical helium pressurization section, heat leak check	1966
19670089515	Dfi functional verification /lm1 ascent stage/	1966
19670089516	D/s fluid system test harness electrical check and prop. pressure test	1966
19670089517	Hts-flush and w/g fill	1966
19670089518	Cabin - proof pressure test, cabin leak test, and cabin dump/relief valve functional test	1966
19670089520	Descent stage propellant feed section, flush, dry and sample	1966
19670089521	Flight controls checkout	1966
19670089523	D/S Internal Component Leak Checks	1966
19670089524	Descent stage-weight and center of gravity test	1966
19670089525	Ascent stage - oxygen pressure section - leakage and functional checks	1966
19670089526	Ascent stage propellant feed section flush, dry, and sample	1966
19670089527	Ascent stage - environmental control subsystem - proof pressure and leakage	1966
19670089528	Ascent stage - environmental control subsystem, proof pressure and leakage	1966
19670089529	Lta-5 substitute propellant cold flow test	1966
19670089530	Developmental flight instrumentation functional verification	1966
19670089531	Rcs thrusters heaters functional test	1966
19670089532	Rcs module proof leakage and functional tests	1966
19670089533	Vhf/uhf section insertion loss and voltage standing wave ratio test	1966
19670089534	Ascent stage - environmental control subsystem - proof pressure and leakage checks	1966
19670089540	Ascent stage electrical power functional test	1966
19670089541	Lighting functional test	1966
19670089542	Ocp support checklist	1966
19670089544	A/s - internal component leak test	1966
19670089545	Cabin - proof pressure test, cabin leak test, and cabin dump/relief valve functional test	1966
19670089548	Feat/emc mission oriented /plugs in/, volume i	1966
19670089555	Advanced bearing study monthly progress report, 1-30 nov. 1966	1966
19670089560	Qualification Test of Saturn S-IB Stage Fuel Vent Valve (60C20358)	1966
19670089562	A study of the suppression of combustion oscillations with mechanical damping devices monthly status report, 15 oct. - 15 nov. 1966	1966
19670089595	Liquid propellant thermal conditioning system quarterly progress report, 31 jul. - 31 oct. 1966	1966
19670089597	Rcs propellant quantity gaging system verification	1966
19670089598	First article configuration inspection documentation control and milestone schedules. launch complex 34	1966
19670089599	End-item test plan s-iu-206	1966
19670089600	Instrument unit end-item test plan s-iu-503	1966
19670089601	Handbook of instructions for missile and space-vehicle design. volume iii - ballistic missile and space-vehicle facilities	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089604	Flowmeter measurement test	1966
19670089605	Assembled stage test procedure	1966
19670089606	Prelaunch checkout specifications and criteria for s-iu-502	1966
19670089607	Contract end item detail specification. part ii - product configuration and acceptance test requirements. ibm 205a instrument unit for apollo saturn	1966
19670089608	Ibm 205a cei difference document	1966
19670089609	Temperature measurements test procedure	1966
19670089610	Ksc preflight test and checkout requirements for s-iu-501, 502, and 503	1966
19670089611	Prelaunch checkout specifications and criteria for s-iu-501	1966
19670089612	Prelaunch checkout specifications and criteria for s-iu-205	1966
19670089613	Lvdc/lvda power and/or redundancy test	1966
19670089615	Advanced Engine Design Study, Bell /aeb/ Monthly Status Report, 22 Jul. - 22 Aug. 1966	1966
19670089621	Project able study program. volume iii - technical addendum final report	1966
19670089634	Development of high temperature nickel-base alloys for jet engine turbine bucket applications interim report, 1 jun. - 30 nov. 1966	1966
19670089636	Propellant line dynamics	1966
19670089637	Project spin /precision cryogenic gyro/ monthly progress report, period ending 31 oct. 1966	1966
19670089639	Report on phase b research study on vehicle structural damping, 25 june - 8 october 1966	1966
19670089640	Research study on vehicle structural damping, phase i, 9 may - 24 june 1966	1966
19670089641	Investigation of a tandem row-high head pump inducer	1966
19670089642	Development of nondestructive testing techniques for honeycomb heat shields quarterly program report, 1 jan. - 31 mar. 1966	1966
19670089643	Design, development and delivery of 75va and 100va integrated static inverters monthly report	1966
19670089644	Project spin /precision cryogenic gyro/ monthly progress report, period ending 30 nov. 1966	1966
19670089648	Study of random process theory /project etude ii/ quarterly progress report, 1 oct. 1965 - 1 jan. 1966	1966
19670089650	Project spin /precision cryogenic gyro/ monthly progress report, period ending 30 sep. 1966	1966
19670089651	Shock effects in iron meteorites - microscopy and x-ray diffraction analysis	1966
19670089653	Construction of a 60-inch lunar and planetary telescope progress report, 1 jan. - 31 dec. 1966	1966
19670089655	Six month progress report, 1 june - 30 november 1966	1966
19670089656	Gemini program/project development plan	1966
19670089657	Advanced engine design study, bell /aeb/ monthly status report, 22 oct. - 22 nov. 1966	1966
19670089658	Lvdc/lvda data load and verify test	1966
19670089659	Command systems test	1966
19670089660	Lvdc/lvda power and/or redundancy test	1966
19670089661	Lvdc/lvda sector sum check test	1966
19670089662	Lvdc/lvda ddas test	1966
19670089663	Lvdc/lvda accelerometer processor test	1966
19670089664	Lvdc/lvda accelerometer processor test	1966
19670089665	Lvdc/lvda self test	1966
19670089666	Prelaunch checkout specifications and criteria for s-iv-503	1966
19670089667	Lvdc/lvda ladder output test	1966
19670089668	Lvdc/lvda sector sum check test	1966
19670089669	Lvdc/lvda discrete output test	1966
19670089670	Lvdc/lvda switch selector test procedure	1966
19670089671	Transmitter frequency test procedure	1966
19670089672	Flowmeter measurements test procedure	1966
19670089673	Measurement identification test	1966
19670089676	Command systems test	1966
19670089677	Lvdc/lvda discrete input test	1966
19670089678	G and c simulated flight test	1966
19670089679	Lvdc/lvda switch selector test	1966
19670089680	Lvdc/lvda ddas test	1966
19670089681	Lvdc/lvda discrete input test	1966
19670089682	Lvdc/lvda discrete output test	1966
19670089685	No title technical progress report for nov. 1966	1966
19670089687	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen quarterly report, 1 aug. - 31 oct. 1966	1966
19670089690	Ags functional test	1966
19670089692	No title status report	1966
19670089694	No title progress report, 1 jun. - 30 nov. 1966	1966
19670089696	Design requirements for reactor power systems for manned earth orbital applications. task area ii - parametric analysis, book 1	1966
19670089697	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen quarterly report, 1 may - 31 jul. 1966	1966
19670089698	Development of improved structural adhesives quarterly progress report, 27 jun. - 30 sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089699	A study of optical data processing and reduction progress report, 1 jul. - 31 dec. 1966	1966
19670089700	Synthesis of nonlinear switching functions for asymptotic stability in the large technical memorandum	1966
19670089701	Installation Manual, Saturn v Apollo Stage Service and Access Arms Launch Complex 39, Volume IV	1966
19670089702	Apollo/Range Instrumented Aircraft /A/Ria/	1966
19670089703	Apollo/Range Instrumented Aircraft /A/Ria/	1966
19670089707	Moare - manned orbital animal research facility employing the s-ivb stage 20 percent effort progress report	1966
19670089709	A study of hydrogen slush and/or hydrogen gel utilization monthly progress report, may 1966	1966
19670089711	Ground level measurements of model and full scale rocket plumes final report	1966
19670089713	Apollo/Saturn V Master Test Plan	1966
19670089714	Temperature measurements test procedure	1966
19670089715	Lvdc/lvda data load and verify test	1966
19670089716	Lvdc/lvda ladder output test	1966
19670089719	Predicted and measured skin temperatures on saturn s-ib instrument unit during flights sa-201 and sa-203, volume ii final report	1966
19670089720	Lvdc/lvda self-test	1966
19670089743	Calibration procedure, hewlett-packard model 400d, 400h, and 400l /r/ vacuum tube voltmeters	1966
19670089745	Calibration procedure tektronix type b oscilloscope plug-in unit	1966
19670089749	Ibm 205 a instrument unit for apollo saturn	1966
19670089750	Operating procedure ois-rf headset and voice transmission, launch complex 39	1966
19670089754	Sst phase iic monthly technical progress letter report	1966
19670089757	Sst phase iic monthly technical progress letter report	1966
19670089760	Gm tube investigation - type 6993 failure mode, operating characteristics of some high range tubes, and a state-of-the-art survey	1966
19670089763	Pulse code modulation and timing electronics assembly turn-on and verification	1966
19670089766	Lighting functional test	1966
19670089772	Hydrogen gas detection system operation procedures handbook, apollo spacecraft area, launch complex 34	1966
19670089776	Qualification of "scotch-weld" brand structural adhesive system, af-20126-2 "scotch-weld" primer ec-2320 with "scotch-weld" film adhesive af-126-2, type 1, class 2 adhesive under federal specification mmm-a-132 submitted by minnesota mining and manufacturing company	1966
19670089789	Rotor/wing concept study supplementary study report	1966
19670089790	Propellant stress analysis, phase ii progress report, 1 oct. - 31 dec. 1965	1966
19670089795	Compatible semiconductor thin film techniques quarterly report, 1 nov. 1965 - 31 jan. 1966	1966
19670089799	Flow noise transmitted through domes or acoustically modified by non-rigid boundaries interim progress report	1966
19670089800	Probability of detection for some additional fluctuating target cases	1966
19670089803	Porosity in light metal weldments - an annotated bibliography, 1960 - aug. 1966	1966
19670089809	Hts-flush and w/g fill	1966
19670089816	Preferred parts, electrical, volume 1	1966
19670089817	Large-sized orbiting radio telescopes	1966
19670089819	Design analysis and performance evaluation on electrical contacts for space vehicles interim report, oct. 1 - dec. 31, 1966	1966
19670089820	Semiannual status report, july 1 - december 31, 1966	1966
19670089825	Supersonic transport program, phase 11-c bimonthly technical progress report	1966
19670089826	Testing of reflective coatings hsm 80c	1966
19670089833	Preliminary countdown manual, nasa missions, vanderberg air force base, pad 75-1-1	1966
19670089852	The law of projection and problems of orientation in two-medium photogrammetry abbildungsgetz und orientierungsaufgaben in der zweimedien-photogrammetrie	1966
19670089854	A computer analysis of vehicle dynamics while traversing hard surface terrain profiles final report	1966
19670089855	Portable system operations for project long shot summary report	1966
19670089891	Field-trainable electrochemical dipole arrays final report, 1 feb. 1964 - 31 jan. 1966	1966
19670089895	Strength theory of the absolute deviation of plumb line as a function of free-air anomalies of gravitation strenge theorie der absoluten lotabweichungen als funktionen der freiluftanomalien der schwere	1966
19670089896	Conceptual flutter analyses quarterly report, 27 dec. 1965 - 27 mar. 1966	1966
19670089908	Analytical chemistry working group 22nd meeting bulletin	1966
19670089909	A laboratory study of solid propellant combustion gases from a toxicological standpoint	1966
19670089910	The Electron Microprobe for Chemical Analysis	1966
19670089911	Eudiometric analysis of powdered aluminum	1966
19670089912	Chemical analysis of metal pyrolysis and combustion products	1966
19670089913	Gas chromatographic analysis of mixtures containing unsymmetrical dimethyl hydrazine and hydrazine	1966
19670089914	Analysis of chlorine trifluoride by gas-liquid chromatography	1966
19670089915	Methods for satisfying the scientist's need for scientific and technical information	1966
19670089916	Nonaqueous titrimetric determination of ammonium perchlorate in double-base propellant	1966
19670089917	Evaluation of inorganic nitrates as heat test standards	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089918	Spectrophotometric determination of total oxides of nitrogen by ferrous sulfate reaction	1966
19670089919	Determination of carbon black and graphite in nitrocellulose-base propellants	1966
19670089920	Determination of volatiles in solids and dissolved gases in liquids by gas chromatography	1966
19670089921	Determination of diphenylamine or ethyl centralite or both in propellants by infrared absorption	1966
19670089922	Analysis of composition containing rdx, nc, pbcro4, dpa, citroflex and lampblack	1966
19670089923	Review of techniques for the characterization of polymeric materials used in solid propellants	1966
19670089924	Laboratory tests for prediction of hb polymer epoxy curing agent ratio in minuteman propellant	1966
19670089925	The determination of nitrocellulose in casting powders	1966
19670089926	Analysis of oxygen difluoride	1966
19670089934	Studies related to the development of a storable-fueled supersonic combustion ramjet engine phase i final technical report	1966
19670089936	Development of a supersonic transport aircraft engine, phase ii-c monthly progress report, 1-31 dec. 1965	1966
19670089988	Supersonic transport propulsion - Phase IIC /U/ Monthly technical progress report, Feb. 1966	1966
19670089989	Supersonic transport phase iIC engine development program /U/ Monthly technical progress report, Jan. 1966	1966
19670089990	Wind tunnel tests of a low ignition delay fuel injector /U/	1966
19670089992	Research on increased red sensitivity trialkaline photocathodes /U/ Final report, 1 Feb. 1964 - 31 Jan. 1966	1966
19670090005	Amti flight test final technical report, feb. - aug. 1965	1966
19670090010	A summary of references containing missile aerodynamic data	1966
19670090013	Advanced Engine Design Study, Aerospike Monthly Progress Status Report, 1-31 Oct. 1966	1966
19670090017	Satellite communications terminal an/tsc-54 quarterly progress report, 31 dec. 1965 - 31 mar. 1966	1966
19670090020	The current status of pellet technology and its effect upon vulnerability analysis	1966
19670090055	Supersonic transport phase iic engine development program monthly technical progress letter report, dec. 1965	1966
19670090062	Project able final summary report	1966
19670090063	Project able final detailed technical report	1966
19670090076	Advanced engineering program system and dynamics investigation monthly report, nov. 1966	1966
19670090102	Mkii/f-111a excodop amti flite test program, part b final report	1966
19670090103	Summary of flutter results and conclusions for the xb-70 air vehicle	1966
19670090113	Liquid oxygen turbopump study quarterly report	1966
19670090129	Communications security /comsec/ to technical development plan tactical fire direction system /tacfire/	1966
19670090155	Heaving force of frozen ground. i - mainly on the results of field researches	1966
19670090156	Structural measures of ductility quarterly progress report, 16 sep. - 16 dec. 1966	1966
19670090161	Correlation between solid propellant mechanical properties and explosion effects progress report, nov. 1-30, 1966	1966
19670090162	The processing and evaluation of screened resistors	1966
19670090163	No title a pilot program for investigation of various techniques to enhance the utilization of new knowledge related to or stemming from aerospace research and technology quarterly report for the period ending 31 dec. 1966	1966
19670090166	No title monthly status report, 10 oct. - 10 dec. 1966	1966
19670090171	Fluid physics semiannual status report, 1 jun. - 30 nov. 1966	1966
19670090172	Development of a sub-surface drill system for post-apollo missions monthly progress report, feb. 1-28, 1966	1966
19670090174	Development of a deep subsurface lunar drill for post-apollo missions interim technical review report no. 2, 1 nov. 1965 - 31 mar. 1966	1966
19670090178	Theory of differential equations and their relationship to dynamical systems theory progress report, 1 apr. - 30 sep. 1966	1966
19670090189	Results of tests on primer coating, fast drying, submitted by j. landau and company for testing under specification mil-p-7902b qualification program, march 1965 - march 1966	1966
19670090194	Production of slab-shaped titanium ingots by cold-mold electroslag melting	1966
19670090196	Scientific mission support study for apollo applications program /aap/ monthly progress letter, 15 mar. - 15 apr. 1966	1966
19670090197	Scientific mission support study for apollo applications program /aap/ monthly progress letter, 15 feb. - 15 mar. 1966	1966
19670090198	Experimental and theoretical investigation of wind tunnel geometry, emphasizing factors pertinent to v/stol vehicle testing semiannual progress report, 16 mar. - 15 sep. 1966	1966
19670090201	Program in aeronomy status report, 1 sep. - 30 nov. 1966	1966
19670090202	Lunar navigation study monthly report, 1-30 apr. 1966	1966
19670090203	Development of a subsurface lunar drill for post-apollo mission monthly progress report, 1-30 jun. 1966	1966
19670090211	Study of high-performance insulation thermal design criteria monthly activity report, apr. 1966	1966
19670090213	Study of high-performance insulation thermal design criteria monthly activity report no. 2, may 1966	1966
19670090217	Study on high performance insulation thermal design criteria quarterly progress report	1966
19670090219	A comparison of predicted position and velocity error limits for selected tracking networks	1966
19670090220	Technical telemetry activity quarterly summary report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090224	A versatile, user-oriented, computerized library system	1966
19670090226	Studies of liquid behavior in randomly excited tanks intermediate summary report no. 1, 21 feb. - 30 jun. 1966	1966
19670090227	Design analysis and performance evaluation on electrical contacts for space vehicles interim report, 1 jul. - 30 sep. 1966	1966
19670090231	Utilization of the xb-70 for supersonic transport flight research monthly progress report	1966
19670090238	Resistojet propulsion system for spacecraft control summary data final report, 15 aug. - 15 oct. 1966	1966
19670090239	A light ion mass spectrometer experiment for ogo-e quarterly report, 1 oct. - 31 dec. 1966	1966
19670090240	Development of a sub-surface drill system for post-apollo missions	1966
19670090242	Mechanization study of the u. s. naval ordnance test station library, china lake, california final report	1966
19670090253	Association-storing processor study interim technical documentary report, 17 feb. 1965 - 17 feb. 1966	1966
19670090255	Thermal analysis of a lunar rotary core drill system	1966
19670090256	Effect of elevated temperature exposure on the mechanical properties of types 301 and 310 stainless steels and titanium-5a1-2.55n	1966
19670090258	Weapon system 133a. program progress research and development stage i minuteman status report, 1 apr. - 30 jun. 1966	1966
19670090259	Development of a sub-surface drill system for post-apollo missions monthly progress report	1966
19670090260	Development of a subsurface lunar drill for post-apollo mission monthly progress report, 1-31 mar. 1966	1966
19670090268	Scattering by wire loops and square plates in the resonance region quarterly technical report	1966
19670090271	Study of low-acceleration space transportation systems progress report, for oct. 1966	1966
19670090274	Development of a meet disperser technical progress report, 1-31 oct. 1966	1966
19670090275	Qualification of "scotch weld" brand structural adhesive system, af-20126-2 "scotch-weld" primer ec-2320 with "scotch-weld" film adhesive af-126-2, type 1, class 1 and 2, mil-a-25463 /asg/, 16 aug. - 12 oct. 1966	1966
19670090279	Apollo/saturn v consolidated instrumentation plan for as-501	1966
19670090282	Compendium of 70 mm. times 100 mm. unit record production viewing and storage- retrieval equipment final report	1966
19670090285	Ltv data display system	1966
19670090292	Strengthening of chromium composites quarterly progress letter	1966
19670090293	Development and fabrication of miniaturized electronic image magnifier tube technical progress report, sep. 1966	1966
19670090295	Biweekly flight test model ra-5c airplanes summary report no. 314 for the period ending 26 nov. 1966	1966
19670090302	Development of a meet disperser technical progress report for sep. 1966	1966
19670090303	Development of configurations and combinations polyurethane foam to produce maximum efficiency in package cushioning materials quarterly progress report, 16 aug. - 16 nov. 1966	1966
19670090309	Sst phase iic monthly technical progress letter report for jun. 1966	1966
19670090310	Sst phase iic monthly technical progress letter report for aug. 1966	1966
19670090330	Evaluation testing of protective coatings on refractory metals first quarterly report	1966
19670090333	Development of a subsurface lunar drill for post-apollo mission monthly progress report, jan. 1966	1966
19670090337	Development and application of basic analytical principles for materials and design synthesis to advanced concepts for space and launch vehicles quarterly progress report, 9 sep. - 9 dec. 1966	1966
19670090338	Improved resin/glass filament-wound composite monthly letter report, 1-31 dec. 1966	1966
19670090339	Study of thermal absorption in seeded hydrogen monthly letter report, 27 oct. - 27 nov. 1966	1966
19670090340	Study of dynamic and static seals for liquid rocket engines monthly progress report, dec. 1966	1966
19670090347	Microminiature crystal units cr-/xm-47//u final report, 1 may 1963 - 31 oct. 1965	1966
19670090359	Development of a subsurface lunar drill for post-apollo mission monthly progress report, feb. 1966	1966
19670090374	Evaluation of the energy transfer in the char zone during ablation status report	1966
19670090376	Geos-a short arc orbital data reduction and analysis quarterly progress report, 29 sep. - 20 dec. 1966	1966
19670090377	Synthesis of linear, double chain ladder polymers from substituted tetraphosphonitriles monthly progress report, 1-31 dec. 1966	1966
19670090388	Instrument calibration procedure ag-97 pulse generator la-593a /lavoie/ technical manual	1966
19670090394	Evaluation of hydraulic fluids for use in advanced supersonic aircraft semiannual report	1966
19670090396	Test correction to the power curves extrapolated by froude's method and using froude's coefficient of friction	1966
19670090397	The analytical comparison of cesium and potassium as rankine cycle working fluids for space power plants monthly progress report	1966
19670090398	Development of a sub-surface drill system for post-apollo missions monthly progress report, 1-31 jan. 1966	1966
19670090408	Study of numerical differentiation and numerical aspects of finite difference methods	1966
19670090409	Meteorite photography and recovery network semiannual progress report, 1 jul. - 31 dec. 1966	1966
19670090412	Solid state amplification quarterly letter report no. 4 1 apr. - 30 jun. 1966	1966
19670090413	Specification mil-l-3503 qualification test results on the sinclair research, inc. lubricating oil product l-1652	1966
19670090415	Sst phase iic monthly technical progress letter report for apr. 1966	1966
19670090434	Technical status report, 4 august - 4 november 1966	1966
19670090440	Meteoroid-bumper interaction studies quarterly progress report, 1 jun. - 31 aug. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090441	Preparations for low-energy electron exposure of thermal control coatings quarterly progress report, 15 jun. - 15 sep. 1966	1966
19670090455	Data collection and reduction techniques for the performance simulator. volume i - automated data retrieval and processing final report	1966
19670090457	Artificial sources of nuclear energy in outer space	1966
19670090467	Mechanized catalog system. volume iv - mecca system acquisition and cataloging manual	1966
19670090478	Line intensity measuring instrument quarterly report no. 7, oct. 1 - dec. 30, 1966	1966
19670090494	Development of magnesium-lithium alloy honeycomb core final report	1966
19670090497	Investigation of building structure response to sonic booms semiannual report, 1 jul. - 31 dec. 1966	1966
19670090506	Fy-66 program element plan /pep/ life sciences /program element 6.24.05.12.4/	1966
19670090507	Fy-66 program element plan /pep/ bioastronautics /program element 6 24 05 15 4/	1966
19670090511	The relation of intelligence to the ability to learn	1966
19670090512	Some non-intellectual predictors of classroom success	1966
19670090519	Effects of indexing aids on indexing performance final report, mar. - aug. 1966	1966
19670090523	No title quarterly report, aug. - oct. 1966	1966
19670090529	University-wide research program in the space- related sciences and engineering semiannual status report, 15 jun. - 15 dec. 1966	1966
19670090544	Qualification test of variable resistance temperature transducers dac scn 1a67862-505, -509 and -513	1966
19670090545	Shelf-life evaluation of relay dsg 10001- 1637442 rev. f	1966
19670090546	Qualification Test of the Vacuum Monitoring Disconnect Assembly Dac Scn 1b41065-1 and -501	1966
19670090550	Report of test on capacitor, variable, air dielectric 11-00274-003, 11-00274-004	1966
19670090551	Qualification of power-off failure indicator. sole-noids, d. c. rotary, 1-2 watts, 30-109 volts	1966
19670090554	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090555	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090562	Ecm feasibility flight test program monthly progress report, nov. 1966	1966
19670090564	Qualification tests on paint finish for aluminum	1966
19670090567	Supersonic transport program summary letter report for oct. 1966	1966
19670090568	Report of test on 50m32563 reactor	1966
19670090569	Chronological catalogue of major solar events from the solar activity catalogue	1966
19670090570	Qualification test report on potter and brumfield relay fl-4063	1966
19670090577	NitrogenTetroxide/Titanium Alloy Stress Corrosion Investigation	1966
19670090579	Notes on programmed instruction in sweden	1966
19670090581	Scattering of plane wave by infinite hemicylindrical bosses with random radii on a plain surface	1966
19670090588	Transistor -- pnp	1966
19670090589	Qualification test report for propellant utilization bridge potentiometer dac scn 1a59562-1 and -505	1966
19670090590	Qualification test of flanged fuel vent bellows assembly. dac scn 1a49986-1	1966
19670090597	Qualification Test Report on Potter and Brumfield Relay FCH-4010	1966
19670090599	Transformers environmental	1966
19670090600	Relays, life test, 1-5 amperes hermetically sealed	1966
19670090602	Qualification test of the auxiliary hydraulic pump high pressure discharge check valve dac scn 1a66241	1966
19670090604	Qualification test of 10 micron filter dac scn 1a66-599-501	1966
19670090605	Qualification test of the auxiliary pump filter relief valve dac scn 1a66241 report for apr.-may 1965	1966
19670090606	Qualification test of three quarter inch 60 psig relief valve dac scn 1b51360-509	1966
19670090607	Qualification test of the high pressure relief valve dac scn 1a66242-503	1966
19670090608	Qualification test of one half inch monomethylhydrazine check valve dac scn 1a79398-501	1966
19670090609	Qualification tests on paint finish for aluminum	1966
19670090610	Development of solid-state computing circuits interim technical report, 1 sep. - 30 nov. 1966	1966
19670090612	Bolt and nut material for 1650 plus or minus 50 deg f operation	1966
19670090614	Mission oriented advanced nuclear system parameters study, phase v quarterly progress report, 1 oct. - 30 dec. 1966	1966
19670090617	Test procedure to verify buweps p/n 1960923- 04w/s001 thru-04w/s049, 05s/w 001 thru 003 and -10s/w 001	1966
19670090618	Test procedure to verify buweps p/n 1960923- 04w/s001 thru-04w/s049, 05s/w 001 thru 003 and -10s/w 001	1966
19670090619	Contribution to the theory of the tarnishing process ii	1966
19670090621	Development of a Nuclear Thermionic Fuel Element	1966
19670090634	Rare preliminary design review report final report, 30 oct. 1965 - 28 feb. 1966	1966
19670090639	Reentry vehicle instrumentation program semiannual report	1966
19670090640	Relay, armature, gen. purpose, 2 pdt, low level through 2 amp final specification	1966
19670090641	Qualification of dc motors, gear reduced with brake	1966
19670090642	Comparison test program of resistor, fixed, composition, molded or dipped, one-fourth watt	1966
19670090643	Comparison test program of resistor, fixed, composition, molded or dipped, one-fourth watt	1966
19670090644	Comparative test of various chassis hole configurations in .031 in. thick micaply eg-899 type gf laminate, for sealectro teflon press-fit terminals	1966
19670090645	Comparison test program. resistor, fixed, composition, molded or dipped, one-fourth watt	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090646	Comparison test program of resistor, fixed, composition, molded or dipped, one-fourth watt	1966
19670090647	Shelf-life evaluation of relay dwg 10001- 1145848 rev.g.	1966
19670090662	Report of test on reactors 50m32694, 50m32695, 50m32696, 50m32697, 50m32700	1966
19670090664	Qualification test report for helium safe pressure switch. dac scn 1a66998-509	1966
19670090672	Accelerated storage test and terminal strength test of 12 rf coils as supplied by wells and delevan	1966
19670090676	Nitrogen tetroxide/titanium alloy stress corrosion investigation, volume i	1966
19670090677	Qualification testing of miniature aluminum hermetic connectors	1966
19670090678	Qualification testing of dc tachometers, november 1965 - march 1966	1966
19670090679	Comparison test program of resistor, fixed composition, molded or dipped, 1/4 watt	1966
19670090680	X-band transmitting antenna for les-4	1966
19670090681	Qualification testing of reconstituted mica capacitors	1966
19670090682	Hastelloy x tubing-thermal cyclic material analysis	1966
19670090683	Twenty-eight volt line power filter, qualification test	1966
19670090684	Evaluation of amp receptacle .045 wide tap components test report	1966
19670090685	Evaluation test of twin lock terminal blocks and lugs component test report	1966
19670090688	Comparison test program. resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090689	Test on aladdin electronics coil, radio frequency	1966
19670090693	Qualification test of the gas relief valve. dac scd 1a-66241	1966
19670090695	Comparison test program. resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090696	Qualification test of 3/4 inch 6000 psi filter dac scn 1a66601-501	1966
19670090697	Qualification test of propellant tank repressurization helium storage sphere dac scn 1a49990-1	1966
19670090700	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090701	Qualification test for hydraulic absolute pressure transducer	1966
19670090703	Qualification test of engine pump purge module dac scn 1a88347-505	1966
19670090705	Qualification test of fuel continuous vent bellows dac scn 1b44105-1, nov. - dec. 1965	1966
19670090706	Navy preliminary evaluation of the ch-53a helicopter final report	1966
19670090710	Qualification test of fuel fill and drain line bellows assembly dac scn 1a49979	1966
19670090711	Transducer, temperature thermocouple	1966
19670090713	Report of test on erie technological products, inc. radio frequency interference filter	1966
19670090717	Transistor, power, silicon, npn component evaluation report	1966
19670090718	Semiconductors, transistors, general purpose, silicon, npn comparison test program	1966
19670090720	Resistor, fixed, composition, molded or dipped, 1/4 watt comparison test program	1966
19670090721	Resistor, fixed, composition, molded or dipped, 1/4 watt comparison test program	1966
19670090725	Static power inverter	1966
19670090729	Four hundred psig one fourth inch relief valve	1966
19670090730	Qualification test of the gas pressure regulator report, mar. - jul. 1965	1966
19670090732	Meteoroid-bumper interaction program monthly progress report	1966
19670090733	Design and Development Testing of Transducer Temperature Thermocouples	1966
19670090734	Comparison test program. resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090735	Comparison test program. resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090736	Evaluative test of 7 half-size relays manufactured by welch manufacturing company, motorola part no. 80-25775401	1966
19670090737	Quality reassurance test of 10 magnetic latching crystal can relays, motorola part no. 80-25800a01, c. p. clare type lf	1966
19670090745	Error minimization in thrust measurement of short rise time rocket motors	1966
19670090746	Comparison test program, resister, fixed, composition, molded or dipped, 1/4 watt	1966
19670090747	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090755	Non-linear systems inc. digital voltmeter evaluation	1966
19670090756	Hewlett-packard company digital voltmeter evaluation	1966
19670090757	Non-linear systems, inc. digital voltmeter evaluation	1966
19670090758	United systems corporation digital voltmeter evaluation	1966
19670090762	A general study of boiling in a swirling flow semiannual status report, 1 jul. - 31 dec. 1966	1966
19670090770	Comparison test program of semiconductors, transistors, switching, noc, silicon, pnp	1966
19670090772	Surface radar and navigation operation. test on filter, audio frequency	1966
19670090773	Comparison test program. resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090774	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1966
19670090775	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090776	Comparison test program. resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090777	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090851	Vfax presentation to nasa	1966
19670090858	Specification of guidance equations for ground guidance computor delta iii	1966
19670090871	Anlytical and experimental investigations of unconventional nozzle designs quarterly report	1966
19670090874	Special group on optical masers annual report	1966
19670090876	Surveillance inspection test of capacitor, fixed, glass, porcelain/vitreous, molded, lead mount	1966
19670090877	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mont	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090878	Supersonic transport program, phase II-C	1966
19670090879	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, one eighth watt	1966
19670090880	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, one eighth watt	1966
19670090881	Surveillance inspection test of resistor, fixed, composition, molded or dipped, one quarter watt	1966
19670090883	Comparison test program of resistor, fixed, composition, molded or dipped, one quarter watt	1966
19670090884	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670090885	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670090886	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, one eighth watt	1966
19670090887	Qualification report on diodes	1966
19670090888	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1966
19670090889	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090890	Memory array, biaxial ferrite core special quality, specification for final report	1966
19670090891	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090892	Surveillance inspection test of semiconductors diodes, general purpose, silicon	1966
19670090893	Surveillance inspection test of capacitor, fixed, glass, porcelain/vitreous, molded, lead mount	1966
19670090894	Surveillance inspection test of capacitor, fixed, porcelain/vitreous, molded, lead mount	1966
19670090895	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090896	Surveillance inspection test of semiconductors diodes, general purpose, silicon	1966
19670090897	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090898	Surveillance inspection test of capacitor, fixed, glass, porcelain/vitreous, molded, lead mount	1966
19670090899	Surveillance inspection test of capacitor fixed, glass, porcelain/vitreous, molded, lead mount	1966
19670090900	Semiconductors, diodes, general purpose, silicon surveillance inspection test	1966
19670090901	Capacitor, fixed, glass, molded, lead mount surveillance inspection test	1966
19670090902	Resistor, fixed, composition, molded or dipped, 1/4 watt surveillance inspection test	1966
19670090903	Capacitor, fixed, glass, molded, lead mount surveillance inspection test	1966
19670090904	Integrated circuit - special quality, general specifications for	1966
19670090905	Resonator, tuning for, special quality, specification for final report	1966
19670090906	Connector, Electrical Cryogenic Type 1	1966
19670090907	Qualification test of 1/2 inch pneumatically operated oxidizer shutoff valve dac scn 1a77874-503, september 1964 - january 1965	1966
19670090908	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, one eighth watt	1966
19670090910	Life test of relays, 1-5 amperes, hermetically sealed 1-30 vdc, latching, dpdt	1966
19670090911	Surveillance inspection test of semiconductor, diodes, general purpose, silicon	1966
19670090912	Comparison test program of resistor, fixed, composition, molded or dipped, one fourth watt	1966
19670090913	Comparison test program of resistor, fixed, composition, molded or dipped, one fourth watt	1966
19670090914	Comparison test program of resistor, fixed, composition, molded or dipped, one fourth watt	1966
19670090915	Surveillance inspection test of semiconductor- ors, diodes	1966
19670090916	Synthesis of non-commercially available compounds, volume ii annual report, 15 apr. 1965 - 14 aug. 1966	1966
19670090918	Qualification test report for low pressure lh2 switch dac scn 7851860-511	1966
19670090920	Circuit breakers, miniature, fuses and circuit protective devices - circuit breaker	1966
19670090922	Surveillance inspection test of semiconductors diodes, general purpose, silicon	1966
19670090923	Surveillance inspection test of semiconductors diodes, general purpose, silicon	1966
19670090924	Report of test on 50m32688, 50m32689, 50m32690, 50m32691, 50m32692, 50m32698, 50m32699 transformers	1966
19670090925	Qualification test program, cedar eng. synchronous motor mfgrs. p/n 5yg 15002, op/n 10587204-5,	1966
19670090926	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1966
19670090927	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090928	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090929	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670090935	Surveillance inspection test of capacitor, fixed, ceramic, molded, lead mount	1966
19670090936	Qualification Test of Ullage Rocket CDF Pyrogen Initiator/TX307-6 Igniter Compatability, Link Ordnance P/N 04912	1966
19670090938	Surveillance inspection test of resistor, variable, multturn, linear, 0.6 watts	1966
19670090939	X-22a tri-service v/stol aircraft monthly progress report, 1-31 jul. 1966	1966
19670090940	X-22a tri-service v/stol aircraft monthly progress report, 1-31 aug. 1966	1966
19670090941	X-22a tri-service v/stol aircraft monthly progress report, 1-30 sep. 1966	1966
19670090942	Life test evaluation of fairchild zener diode, p/n mcr2222	1966
19670090943	Evaluation of heat recoverable tubing /silicone rubber/, dow corning s2272	1966
19670090944	Relays, environmental. 1-5 amp, hermetically sealed 1-30 v dc, sensitive, dpdt	1966
19670090945	Lox tank destruct assembly for saturn ii	1966
19670090947	Sector 2 portion of the diaphragm and 2-foot section of the diaphragm material, materials, non-metallic - fabric, cloth	1966
19670090948	Wing vi flight acceleration and shock tests, interval timer, test report	1966
19670090949	Report of test on integrated circuits	1966
19670090952	Evaluation test report, electrical receptacle with dust cover and plug	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090953	Qualification test report for potentiometer, aps propellant tank dac-scn-1a74488-503	1966
19670090954	Transducer, Differential Pressure Final Report	1966
19670090955	Circuit breaker qualification test report	1966
19670090956	Group four qualification test of microswitch at and tl toggle switch types	1966
19670090970	Valve, solenoid, latching, off-limits test report	1966
19670090971	A vlf automatic phase and amplitude data acquisition system apadas final report, 1 jan. 1965 - 28 feb. 1966	1966
19670090972	Surveillance inspection test of capacitor, fixed, electrolytic, tantalum, foil, hermetically sealed, lead mount	1966
19670090973	Qualification test of pneumatic operated valve dac scn 1a77874-501	1966
19670090975	Instrumentation radar an/fps-16 /xn-2/ final report	1966
19670090992	Improved Resin/Glass Filament-Wound Composite Monthly Letter Report, 1-31 Oct. 1966	1966
19670090993	Nitrogen tetroxide/titanium alloy stress corrosion investigation, volume iv	1966
19670090996	Qualification test of pressure compensated bellows dac scn 1a87647-1	1966
19670090998	Valve isolation, burst diaphragm. valves- cryogenic fluids, 100-1000 psig, shutoff, pressure	1966
19670090999	Environmental test of haydon 3 pdt toggle switch, hermetically sealed	1966
19670091000	Part-Application Test Report on Vhf/Fm Transmitter Equipment	1966
19670091001	Environmental Testing of Wheeler Transformer T-1 /40Z 20099/	1966
19670091002	Environmental testing of wheeler transformer t-2 /40z20101/	1966
19670091004	Qualification test of three quarter inch 10 micron filter dac scn 1a66599-1	1966
19670091005	Surveillance inspection test of semiconductors transistors, power, silicon, npn.	1966
19670091006	Surveillance inspection test of semiconduct- ors, diodes, general purpose, silicon.	1966
19670091007	Comparison test program of semiconductors, transistors, general purpose, silicon, npn.	1966
19670091008	Qualification test report on diodes	1966
19670091009	Surveillance inspection test of resistor, fixed, composition, molded or dipped, one quarter watt	1966
19670091010	Surveillance inspection test of semiconduct- ors, diodes, general purpose, silicon.	1966
19670091011	Surveillance inspection test of resistor, fixed, composition, molded or dipped, one/ quarter watt	1966
19670091012	Connector, electrical cryogenic type 1	1966
19670091014	Program support plans for the jf17a-20 supersonic transport aircraft engine, phase ii-c	1966
19670091019	Qualification Test Report for Propellant Utilization Bridge Potentiometer	1966
19670091020	Static Power Inverter Qualification Test Report	1966
19670091021	Qualification Test Report for Static Power Inverter. Engineered Magnetics Model EMIU104A, Qualification Test Unit No. 1, Serial No. 15792	1966
19670091022	Valve, Solenoid, Helium Pressurization	1966
19670091029	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, one eighth watt	1966
19670091030	Self-sealants and sealants for aerospace vehicles technical report, 22 feb. 1965 - 22 jan. 1966	1966
19670091032	Evaluation test of hollingsworth solderless crimp type terminals	1966
19670091033	Acceptance /qualification/ testing of relay, 2 amp max, hermetically sealed, 32 vdc, dpdt	1966
19670091034	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091038	Surveillance inspection test of resistor, fixed, composition, molded or dipped, one fourth watt	1966
19670091039	Surveillance inspection test of resistor, fixed, composition, molded or dipped, one fourth watt	1966
19670091040	Surveillance inspection test of resistor, fixed, composition, molded or dipped, one fourth watt	1966
19670091041	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670091042	X-22a tri-service v/stol aircraft monthly progress report, 1-30 jun. 1966	1966
19670091043	Qualification of two-speed speed deaccelerater, mechanisms, power transmittal, gear trains	1966
19670091045	Component/part test data sheet. semiconduc- tor, diode, tunnel, silicon	1966
19670091049	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091050	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091051	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091052	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1.0 watt	1966
19670091054	Qualification test program, potter and brumfield relays	1966
19670091055	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670091056	Qualification test of pneumatic operated valve, valves, oxidizers, 300 psig, shutoff, poppet	1966
19670091057	Accumulator, reservoir, manifold assembly /arma/. volume i	1966
19670091058	Development of welding procedures and filler materials for joining high strength low alloy steels quarterly progress report, 1 nov. 1965 - 31 jan. 1966	1966
19670091061	On the pressure dependence of volume recombination of ions in oxygen	1966
19670091073	Evaluation on tape, recording, sound, magnetic oxide coated	1966
19670091078	Qualification test report on valve, electropneumatic actuated, martin p/n ps47440000/-001	1966
19670091097	Improved heat flux hydrocarbon fuels final report, jun. 1964 - dec. 1965	1966
19670091106	Janaf heat of formation of propellant ingredients	1966
19670091144	Progress for the month of january, 1966	1966
19670091145	Progress for the month of february, 1966	1966
19670091168	Qualification tests on resistors, variable, non wire-wound, /lead screw actuated/, style rj11	1966
19670091169	Qualification tests on resistors, variable, nonwirewound /lead screw actuated/, style rj11	1966
19670091170	Telemetry system and instrumentation slv-3 follow-on test parameters 69-00708 book no. 1-1	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091172	Evaluation tests on resistors, variable, wirewound	1966
19670091177	Qualification tests on batteries, dry type ba-291/u, manufactured by union carbide canada limited	1966
19670091178	Superconducting magnet system for apache rocket materials report, 10 apr. - 12 nov. 1966	1966
19670091179	Qualification tests on insert materials for connectors	1966
19670091180	Study of stability of unpressurized shell structures under static loading monthly progress report, 2 jul. - 1 aug. 1966	1966
19670091184	Procurement and development program for nickel-cadmium cell to specification s-615-p-2 technical status report, 29 aug. - 8 dec. 1966	1966
19670091185	Basic investigation of turbine erosion phenomena monthly progress report, feb. 1966	1966
19670091191	Qualification tests on plastic sheet laminated, thermosetting copper-clad	1966
19670091192	Evaluation tests on capacitors, fixed, micadielectric /dipped/, type dm19	1966
19670091194	Hughes instruments digital voltmeter evaluation	1966
19670091202	Periodic production test summary report, inductor	1966
19670091203	Evaluation tests on inductor, power	1966
19670091211	Reliability failure data collection study	1966
19670091212	Qualification tests on resistors, variable nonwirewound, lead screw actuated, type rj12	1966
19670091228	Evaluation of dual high speed switching transistors	1966
19670091229	Bag assembly - inflatable flotation final qualification test report	1966
19670091231	Auroral zone ionospheric research annual summary report /final/, 1 mar. 1965 - 28 feb. 1966	1966
19670091234	Brookhaven high flux beam reactor - design and use	1966
19670091235	Evaluation tests on transformers, audio	1966
19670091236	Qualification tests on 600 v. heavy duty electric power cable 3/c no. 6 awg	1966
19670091239	Hughes instruments digital voltmeter evaluation	1966
19670091240	Report of test on oscillator, audio frequency 20-00193-000	1966
19670091241	Report of test on solderability of printed circuit boards	1966
19670091245	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670091250	Evaluation and life test report on corning glass type cyk01 - and cyk02- capacitors	1966
19670091251	Qualification tests on synchro control transformer, type 15m2h1	1966
19670091253	Evaluation tests on tape, recording, sound, magnetic oxide coated	1966
19670091255	Comparison test program	1966
19670091256	Comparison test program	1966
19670091257	Comparison test program	1966
19670091260	Comparison test program of semiconductors, transistors, power, germanium, pnp	1966
19670091261	Comparison test program of semiconductors, transistors, switching, noc, silicon, pnp	1966
19670091262	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 118 watt	1966
19670091263	Comparison test program of semiconductors, diodes, voltage reference, silicon	1966
19670091264	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091265	Comparison test program of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1966
19670091266	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670091267	Surveillance inspection test of capacitor, fixed, ceramic, molded, lead mount	1966
19670091268	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091269	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670091270	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watts	1966
19670091286	Further studies on antenna arrays final report, 1 oct. 1964 - 28 feb. 1966	1966
19670091291	Program management report march 1966	1966
19670091295	Evaluation of sprague type 150d tantalum capacitors	1966
19670091299	Evaluation of single frequency inductors, r2361	1966
19670091300	Pershing qualification test report for device, fixed capacitor	1966
19670091303	Qualification test of the oxidizer fill and drain disconnect assembly dac scn 1a49970-503 and -505	1966
19670091304	Qualification test of two-pole double-throw magnetic latch relay dac scn 1a74184-1	1966
19670091305	Valve, explosive operated, n. c. helium, 1/4 inch	1966
19670091306	Evaluation of sprague type 3500 tantalum capacitors	1966
19670091313	Valve, propellant, n. c. explosive operated, 5/8/inch,	1966
19670091321	Aerospace materials information center /amic/ user evaluation	1966
19670091323	Qualification test of toroidal inductor per army ordnance drawing number 10121765, 21 may - 1 jul. 1966	1966
19670091332	Test of electrical properties of mil-r-6130 foam rubber, and dow corning rtv-501 silicone rubber	1966
19670091338	Qualifications tests on plastic laminate type- pb6	1966
19670091340	Vidar corporation digital voltmeter evaluation	1966
19670091341	Evaluation test for dual transistor type 2n2642	1966
19670091342	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091343	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670091344	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670091345	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670091346	Comparison test program of semiconductors, transistors, power, germanium, pnp	1966
19670091347	Comparison test program of semiconductors, diodes, zener, silicon	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091348	Comparison test program of semiconductors, transistors, general purpose, silicon, pnp	1966
19670091349	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670091350	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091351	Comparison test program of resistor, fixed, composition, molded or dipped, 1/2 watt	1966
19670091352	Comparison test program of semiconductors, diodes, zener, silicon	1966
19670091353	Comparison test program of semiconductors, diodes, zener, silicon	1966
19670091354	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091355	Surveillance inspection test of electron tube, special purpose, pentode, receiving	1966
19670091356	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/8 watt	1966
19670091357	Surveillance inspection test of semiconductors, diodes, voltage reference silicon	1966
19670091365	Comparison test program	1966
19670091366	Surveillance inspection test	1966
19670091367	Surveillance inspection test	1966
19670091368	Comparison test program	1966
19670091369	Power-off warning indicator	1966
19670091370	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091371	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/8 watt	1966
19670091378	General evaluation of 12 leach type e-aiad relays	1966
19670091380	Potter and brumfield relays tl 17d	1966
19670091381	Sprague capacitor, high temperature life test	1966
19670091382	Capacitor, fixed, ceramic, dipped, lead mount	1966
19670091383	Qualification test report on fixed capacitors	1966
19670091384	Qualification test report on diodes	1966
19670091386	Acceptance test report on fixed resistors	1966
19670091390	1000 hour life test of 10 erie type 8133 ceramic capacitors	1966
19670091391	Test of ten texas instruments t19 miniature silicon switching diode	1966
19670091392	Comparison test program of capacitors, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091393	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091394	Comparison test program of resistor, fixed, wirewound, power dipped, 1.0 watt	1966
19670091395	Comparison test program of semiconductors, diodes, general purpose silicon	1966
19670091396	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1966
19670091397	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091398	Flight control system slv-3 follow-on test parameters 69-00705, book number 1-1	1966
19670091399	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091400	Qualification test report for liquid hydrogen low pressure switch dac scn 7851860-539	1966
19670091401	Rf transmission line switch	1966
19670091403	Apollo beacon antennas	1966
19670091405	Comparison test program	1966
19670091408	Hf antenna recovery apollo	1966
19670091412	Humidity test of twenty sprague type 164d solid tantalum capacitors for project 3146	1966
19670091413	Report of test on 08-00331-000 transformer, audio frequency	1966
19670091414	Non-linear, inc. digital voltmeter evaluation	1966
19670091416	Qualification test of output transformer per army ordnance drawing 10121042, 1 february - 1 march 1966	1966
19670091417	Qualification test of power inductor per army ordnance drawing number 10121103, 15 january - 30 april 1966	1966
19670091419	Engineering evaluation of motorola transistors, gl-67 line, pnp, germanium, switching	1966
19670091420	Transistor - pnp, germanium, switching, high current	1966
19670091423	Investigation of swollen end seals on sintered anode capacitors	1966
19670091425	Extended life test of 64 allen-bradley type bb /1/8 watt/ and type cb /1/4 watt/ fixed carbon composition resistors	1966
19670091427	Qualification of functional characteristics of resistor, fixed	1966
19670091428	Weston instruments, inc. digital voltmeter evaluation	1966
19670091430	Report of test on 11-00273 capacitor, variable, air dielectric	1966
19670091432	Fan - vaneaxial 3 phase 400 cps	1966
19670091434	High temperature bearing development tests	1966
19670091457	Connector, high voltage	1966
19670091458	Qualification test report on potter and brumfield relay flb-4000	1966
19670091460	Evaluation test report on em710458	1966
19670091461	Transistor - pnp, germanium, switching. final specification	1966
19670091462	Qualification report on variable resistors	1966
19670091463	Qualification of irc film resistor 885c637	1966
19670091471	Comparison test program of semiconductors, special types, amplifier	1966
19670091473	Resolver - induction type	1966
19670091475	Surveillance test of resistor, fixed, composition, molded or dipped, 1/2 watt	1966
19670091476	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091478	Actual weight report, light set, general illumination airborne-av/avq-5/xa-1/	1966
19670091480	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670091481	Surveillance inspection test of capacitor, fixed, glass, molded lead mount	1966
19670091482	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670091485	Surveillance inspection test of semiconductors, diodes, voltage reference silicon	1966
19670091486	Comparison test program of capacitors, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091487	Comparison test program of capacitors, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091488	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670091489	Comparison test program of capacitors, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091490	Comparison test program of semiconductors, transistors, general purpose, germanium, npn	1966
19670091491	Latching solenoid valve	1966
19670091492	Boostered linear shaped charge /blsc/	1966
19670091494	Propellant valve, explosive operated normally closed	1966
19670091495	Valve, safety relief. final specification	1966
19670091496	Safety relief valves	1966
19670091497	Connector, coaxial, bulkhead, pressurized, video. final specification	1966
19670091500	Qualification test of the propellant dispersion system linear shaped charge dac scn 1a94961-501	1966
19670091501	Qualification test of vacuum bleeder valve dac-scen 1b43958-1	1966
19670091502	Emissivity and absorptivity of materials subjected to high vacuum and solar radiation	1966
19670091504	Check valve qualification test dac scn 1a66245-1 and-501	1966
19670091505	Diode, microwave mixer, matched pair	1966
19670091506	Comparison test program of capacitors, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091507	Qualification test of rocket motor ignition system /initiator/igniter compatibility/	1966
19670091508	Evaluation of iit s-type tantalum capacitors	1966
19670091509	Voltage variable capacitor components engineering report	1966
19670091510	Waveguide switch	1966
19670091511	High-speed differential comparator	1966
19670091512	Comparison test program of semiconductors, transistors, power, silicon, npn	1966
19670091513	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091514	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1966
19670091515	Qualification Test of Silicon Switching Diode DAC SCN 1A99812-1	1966
19670091523	Comparative evaluation of endevco 2106 force gage and the kistler series 900 load washer	1966
19670091524	Evaluation on tape, recording, sound, magnetic oxide coated	1966
19670091526	Evaluation on tape, recording, sound, magnetic oxide coated	1966
19670091527	Reliability verification test procedure to verify buweps part numbers 1960902-04w/s012 thru -04w/s024	1966
19670091534	Qualification tests on plastic laminate- type pbe	1966
19670091535	Evaluation on tape, recording, sound, magnetic oxide coated	1966
19670091536	Reliability verification test procedure to verify buweps part numbers 1960902-01w/5023 thru -01w/5037	1966
19670091539	Qualification test report on fixed capacitors	1966
19670091544	Fuel Tank Pre-pressurization Disconnect Assembly, Qualification Test, Dac Scn 7851861-1 and -501d	1966
19670091545	Qualification Test Report for Adjustable Range Pressure Switch Dac Scn 1b43252-519	1966
19670091552	Rectangular cut-out with corner cracks	1966
19670091554	Resolver	1966
19670091555	Evaluation tests on batteries, water-activated, type 1/05/170, rcaf no urt503	1966
19670091557	A study of the subsonic pressure field induced by a sonic or supersonic jet issuing normal to the surface final report	1966
19670091558	Rapid site preparation for turbojet vtol aircraft, phase ii	1966
19670091559	Mission-life Tests for 718-ivhf/fm Transmitter Hf Transceiver Equipment Ser. No. 026720010009, Volume li	1966
19670091560	Surveillance inspection test	1966
19670091561	Surveillance inspection test	1966
19670091562	Surveillance inspection test	1966
19670091567	V16-571314-41 strut assembly, z-z axis crew attenuation, march - june 1966	1966
19670091568	Comparison test program, semiconductors, transistors, general purpose silicon, npn	1966
19670091569	Qualification test of 3/4 inch 3200 psig check valve, dac-scen-1a66984-1	1966
19670091570	Saturable transformer	1966
19670091571	Diode - hot carrier, semiconductor, diode	1966
19670091572	Cartridge assembly, pressure, explosive train initiated	1966
19670091573	Diaphragm, temperature control final report	1966
19670091575	Transducer, temperature, resistance cryogenic	1966
19670091576	Destruct hazards analysis for the gemini launch vehicle	1966
19670091577	Corkboard demonstration test program no. 1	1966
19670091578	Momentary overload and power rating. resist- ors, fixed, wirewound	1966
19670091580	A study of teflon bladder design criteria for use in the expulsion propellant tanks of the apollo-saturn and lunar orbiter vehicles monthly progress report, 1 aug. 23 sep. 1966	1966
19670091583	A-1 orbital operations supplemental report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091585	Infrared radiation measurements of combustion gases quarterly report, 1 jul. - 30 sep. 1966	1966
19670091588	Silicon carbide whisker reinforced metallic matrix continuous tapes quarterly progress report, 1 jul. - 30 sep. 1966	1966
19670091598	Organization and functions chart book	1966
19670091601	Roback corporation digital voltmeter evaluation	1966
19670091602	Qualification tests on plastic laminate type "pbe-p"	1966
19670091605	Qualification test report on fixed capacitors	1966
19670091621	Redeye research and development program monthly report, dec. 1965	1966
19670091635	Static firing of two m-30 rocket motors, motor. serial numbers 8100 and 8124, m-30 corrosion study	1966
19670091636	Analysis of the results of a wind tunnel test of the salami missile at mach numbers from 0.20 to 0.85	1966
19670091637	Demonstration of a flow path engine for v/stol application quarterly progress report, 1 oct. - 31 dec. 1965	1966
19670091639	Trajectory control - an adjunct to weph iii	1966
19670091647	A simplified method for evaluating the nuclear reactor environment for the design engineer	1966
19670091648	Integrated circuit	1966
19670091649	Electrolytic grinding of hss honeycomb cutters	1966
19670091654	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1.0 watt	1966
19670091655	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/2 watt	1966
19670091657	Comparison test program of semiconductor, transistor, general purpose, silicon, npn	1966
19670091658	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091659	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091660	Comparison test program of semiconductors, transistors, unijunction, silicon, pnp	1966
19670091661	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091662	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670091663	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091664	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670091665	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091666	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091667	Surveillance inspection test of resistor, fixed, carbon film, molded, 1/8 watt	1966
19670091668	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091669	Surveillance inspection test of capacitor fixed, electrolytic, tantalum, hermetically sealed, lead mount	1966
19670091674	Oscillator, audio frequency final specification	1966
19670091675	Report of Qualification Tests Performed on Shaped Charge, Linear, Boostered	1966
19670091678	Mallory tls capacitors qualification test report	1966
19670091679	Evaluation of frequency determining quartz crystals	1966
19670091680	Test requirement for anti-backlash gear, mechanisms, power transmittal, gears	1966
19670091682	Effects of polytetrafluorethylene /tfe/ dispersion coating on rupture discs	1966
19670091686	Evaluation tests on mystir thin-film series pt/112 potentiometers	1966
19670091687	Report of test on detection unit, caution, model c-303a	1966
19670091691	Comparison test program of semiconductors, diodes, rectifier, silicon	1966
19670091692	Esb model 278, me461-0013, battery, primary, silver zinc	1966
19670091693	Microdiode	1966
19670091694	Semiconductor device, diode - x-band mixer, glass package, matched pair	1966
19670091695	Qualification Test of Reactors SPN 337303	1966
19670091696	Qualification test of rf coils	1966
19670091697	Qualification Test Report for Hydraulic Reservoir Piston Position Potentiometer DAC SCN 1A78153-501	1966
19670091698	Switch, power overcurrent relay qualification test report	1966
19670091700	Qualification test report of me451-0009-0005 fuse, me451-0010-0018 microminiature fuse, me451-0011-001 fuse resistor	1966
19670091701	Attenuator	1966
19670091702	Canadian upper air data monthly bulletin, august 1966	1966
19670091704	Components parts evaluation report of filter, band pass, 650 cps to 1350 cps	1966
19670091706	Application of generalized constraints in the stiffness method of structural analysis	1966
19670091707	Connector, electrical	1966
19670091708	Qualifications testing of solenoid test report	1966
19670091710	Era 10kv power supply evaluation	1966
19670091711	Chopper bristol co. f 4-1 component test summary	1966
19670091712	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/8 watt	1966
19670091713	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670091714	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670091715	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670091716	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670091717	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670091720	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670091721	Formal qualification test of chill system swing check valve dac scn 1a49964-1	1966
19670091722	Water-glycol flow proportioning valve controller	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091724	Valve pneumatic shutoff, chill system dac scn 1a49-965-503 and -505	1966
19670091726	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670091727	Comparison test program for capacitors, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670091728	Incandescent lamp ms15544-2, turn-on current, investigation of light sources, electrical, incandescent instrument lighting and pilot	1966
19670091729	Semiconductor device set - x band, mixer, matched pair	1966
19670091730	Valve, solenoid, normally closed, helium	1966
19670091732	Qualification test of 300 psi nitrogen tetroxide metal hose assembly dac-sn 1a79016- 503	1966
19670091733	Size 8 resolver	1966
19670091736	Lo2 tank relief valve vibration and shock tests dac scn 1a49590-507	1966
19670091737	Pressure supply line assembly-lox tank	1966
19670091738	Saturn s-ii linear shaped charge separation assembly	1966
19670091739	Environmental testing of ri-162 cdf pyrogen initiators	1966
19670091740	Qualification test of temperature sensitive resistor, dac scn 1a77189-1 through -539	1966
19670091741	Pressure temperature ratio transducer	1966
19670091743	Separation system, detonator, hotwire electrically initiated	1966
19670091744	Synchronizer, inverter phase	1966
19670091746	Evaluation of rca 2n3375 transistor	1966
19670091749	Vendor Investigation and Selection. Semiconductor, Transistor: Switching NOC Silicon NPN	1966
19670091753	Qualification test of 1/4 inch 3-way 500 psig solenoid valve, dac scn 1a88089-503	1966
19670091755	Impact studies of iconel 718	1966
19670091756	Environmental testing of wheeler transformer ma-1 /40z20100/	1966
19670091757	Voltage variable capacitor	1966
19670091781	Project able final report	1966
19670091794	Advanced engine design study, aerospike quarterly progress report, 1 sep. - 30 nov. 1966	1966
19670091824	Estimation of ballistic parameter at high altitude	1966
19670091827	The implications of electro-optical techniques for gross ocean surveillance from astronautic systems final report, 1 apr. - 31 dec. 1965	1966
19670091828	Command and interrupt codes	1966
19670091832	Qualification tests on tape, electrical, insulating, electrical type pf	1966
19670091833	Qualification tests on tape, electrical, insulating, electrical type af	1966
19670091835	Acceptance test report on fixed resistors	1966
19670091836	Qualification tests on tape, electrical, insulating, pressure-sensitive type vf-2	1966
19670091841	Investigation of gaseous nuclear rocket technology - unclassified programs quarterly progress report, 16 sep. - 16 dec. 1966	1966
19670091842	Photometer of barium ion clouds	1966
19670091850	Evaluation of identification labels	1966
19670091851	Surveillance inspection test of semiconductor, diodes, general purpose silicon	1966
19670091852	Qualification test report on general electric relays 35af1658-a2, 35af1659-a2	1966
19670091854	Redeye research and development program monthly report for nov. 1966	1966
19670091858	X-22a tri-service v/stol aircraft monthly progress report no. 48, 1-30 nov. 1966	1966
19670091861	Compact vhf aircraft antenna second semi- annual report, 1 oct. 1965 - 31 mar. 1966	1966
19670091862	Lpdtul integrated circuits	1966
19670091863	Evaluation of a miniature, ferrite isolator	1966
19670091864	Evaluation test report of ceramic capacitors	1966
19670091865	Digital circuit module	1966
19670091934	Amelco transistor. qualification test report	1966
19670091936	Tensile properties of 5083-h113 aluminum alloy at elevated temperature	1966
19670091937	Switches, motorized, power transfer class ii, 200 amps, phase b qualification test report	1966
19670091938	Qualification test report on diodes	1966
19670091940	Discharge check valve /auxiliary pump/	1966
19670091941	Radio Command Antenna: Reliability Test Report	1966
19670091942	Investigations on photoreactivation and related problems final technical report, 1 jun. 1965 - 31 may 1966	1966
19670091943	Cortical control of eye movements and visual threshold final technical report, 1 jun. 1965 - 1 jun. 1966	1966
19670091944	Bulletin of the radio and electrical engineering division, national research council of canada, volume 16, no. 2, april-june 1966	1966
19670091945	Program 624a - standard data book for titan iiiia and iiic vehicle performance calculations, revision vii	1966
19670091948	Evaluation of Sprague Type 137D Tantalum Capacitor	1966
19670091949	Voltage variable capacitor	1966
19670091950	Evaluation tests on capacitors, variable, ceramic dielectric, type 538	1966
19670091951	Evaluation test of the texas instruments, inc. sm-5320 transistors	1966
19670091952	Qualification test report for bussed contact electrical receptacle dac scn 1a97061-519, -521, and -523	1966
19670091953	Radiometer sensor	1966
19670091955	Flutter and time displacement error as related to magnetic tape recording and reproduction	1966
19670091956	Delayed fracture characteristics of titanium alloys	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091957	Capacitors, miniature dip coated, mylar, paktron	1966
19670091958	Qualification test of 40 fixed film resistors, motorola no. 06-21463601, supplied by pyrofilm resistor company, cedar knolls, new jersey	1966
19670091959	High-speed differential comparator	1966
19670091962	Evaluation of materials for removal of baked- on finish from aircraft components	1966
19670091963	Evaluation test report for capacitor	1966
19670091964	Evaluation test for filter, electrical	1966
19670091965	Resistor, fixed film, 1/20 watt	1966
19670091966	Evaluation test report for transformer, james electronics, inc.	1966
19670091967	Evaluation test for filter, nytronics, inc.	1966
19670091968	Minuteman microelectronics application guide	1966
19670091971	Service life predictions minuteman stage 1 motor surveillance program	1966
19670091972	Meteorological rocket network firings, volume lvii	1966
19670091975	Pershing qualification test report for device, fixed capacitor	1966
19670091977	Qualification of two-speed speed deceser	1966
19670091980	Surveillance inspection test of semiconductor, diodes, general purpose silicon	1966
19670091981	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/2 watt	1966
19670091982	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/2 watt	1966
19670091983	Surveillance inspection test of semiconductors, zener, silicon	1966
19670091984	Development of wideband instrumentation recorder fourth bimonthly engineering report, 1 jan. - 28 feb. 1966	1966
19670091985	Development of wideband instrumentation recorder sixth bimonthly engineering report, 1 may - 30 jun. 1966	1966
19670091988	Development of wideband instrumentation recorder third bimonthly engineering report, 1 nov. - 31 dec. 1965	1966
19670091989	Development of wideband instrumentation recorder fifth bimonthly engineering report, 1 mar. - 30 apr. 1966	1966
19670091990	Development of wideband instrumentation recorder bimonthly engineering report no. 7, 1 jul. - 31 aug. 1966	1966
19670091991	Development of wideband instrumentation recorder bimonthly progress report no. 8, 1 sep. - 31 oct. 1966	1966
19670091993	Qualification, Lo2 Auxillary Motor Driven Chillodown Pump	1966
19670091994	Inverter Phase Synchronizer Unit	1966
19670092001	Switch, thermostatic spst - n. o. close on increase final report	1966
19670092002	Resistors, fixed, metal film, precision /mil-r-1050-9/, molded or dipped, 3/4 watt	1966
19670092003	Qualifications tests on tape, electrical, insulating, pressure-sensitive type vf-1	1966
19670092010	Engineering evaluation of miniature slip-ring assemblies	1966
19670092013	Audio and radio interference test of mercury vapor lamp	1966
19670092014	Earth landing sequence controller qualification test report	1966
19670092015	Fuse, Electrical: Final Specification	1966
19670092017	Separation system - hotwire detonator boosted detonating cord qualification test report	1966
19670092019	Tensile properties of 5083-4323 aluminum alloy elevated temperature final report	1966
19670092020	Comparison test program of resistor, fixed, wirewound, power dipped, 2.5 watts	1966
19670092023	Qualification of units for use on the apollo program	1966
19670092024	Qualification of motor, p. m., d. c.	1966
19670092025	Apollo waste management system	1966
19670092046	Detailed analysis, missile radar cross section	1966
19670092047	Test missile recovery analysis analysis report, 15 nov. 1965 - 15 mar. 1966	1966
19670092048	Maintainability analysis	1966
19670092050	Computer requirements analysis analysis report, 15 oct. 1965 - 31 jan. 1966	1966
19670092057	Supersonic combustion ramjet flight test program technical progress letter, nov. 1966	1966
19670092058	A compendium of the current programs in propulsion /except liquid propulsion/ being conducted within the u. s. army	1966
19670092061	First integral rocket-ramjet motor firing /lvrj/	1966
19670092066	Missile aerodynamic characteristic during launch /cornell wind tunnel captive trajectory test/ analysis report, 15 nov. 1965 - 15 mar. 1966	1966
19670092071	Analysis report of transonic and supersonic wind tunnel tests for agm-69a /.182 scale/	1966
19670092083	Re-entry measurements program. pmp-b vehicle systems - general semiannual technical progress report, oct. 1965 - mar. 1966	1966
19670092084	Stability and control analysis	1966
19670092085	Aedc wind tunnel test report, 24 january - 26 february 1966	1966
19670092092	Comparison test program of resistor, fixed, wirewound, power dipped, 2.5 watts	1966
19670092096	Evaluation tests on resistors, variable, composition	1966
19670092097	Report on 2029 project time delay ordnance reliability verification test	1966
19670092111	Electrical solenoid, ac rotary .5-1.0 watts, 1-30 volts test report, jul. 25 - nov. 30, 1966	1966
19670092112	Periodic production test summary report. capacitor, fixed, electrolytic	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092113	Periodic production test summary report. capacitor, fixed, electrolytic	1966
19670092126	Abbreviations and acronyms	1966
19670092135	Surveillance inspection test of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1966
19670092136	Progress report for period ending december 3, 1966	1966
19670092137	Aberrations of radio signals traversing the auroral ionosphere progress report, 1-31 dec. 1966	1966
19670092143	Personal communication electronic assembly, crewman	1966
19670092146	Qualification test of germanium power transistor dac scn 1a89618-1 and -501	1966
19670092147	Qualification test of helium control pressure switch dac scn 7851830-517aa technical memo., 18 mar. - 30 jun. 1966	1966
19670092148	Hardness degradation of selected silicone elastomers final report	1966
19670092149	Evaluation test - electro-motive, g. i. and sangamo dipped mica capacitors	1966
19670092150	Qualification report on fixed capacitors	1966
19670092156	Evaluation of collins radio company p/n 526- 3058-00 audio frequency inductor	1966
19670092157	Evaluation of erie technological products, inc. p/n 539-0230zpo142r variable, ceramic capacitor	1966
19670092158	Evaluation of nytronics, inc. hwee v-l series variable inductors	1966
19670092159	Evaluation of the solitron 2n2877 npn silicon power transistor	1966
19670092166	Comparison test program of resistor, fixed, metal film, precision, molded or dipped 1/4 watt	1966
19670092168	Qualification test of lh2 orbital coast vent initiation pressure switch dac scn 1a67005-507	1966
19670092169	Evaluation of motorola a9353 transistors	1966
19670092174	Vacuum welding investigation of ism 179 microswitches	1966
19670092175	Phase changes in a draining cryogenic tank	1966
19670092176	Timer, mechanical type ii, class 2, naa/ s&id part number me432-0051-1001, gibbs part number 51249, s/n 10098tmr0005, volume ii	1966
19670092178	Qualification test of fuel tank fill and drain line bellows dac scn 1a49980-1	1966
19670092180	A study of the shielding effectiveness of building material final report,	1966
19670092181	Qualification test report for calibration command central decoder assembly dac scn 1a 74051-501	1966
19670092182	Study for development of improved char forming heat shields monthly status report, 1 oct. - 31 oct. 1966	1966
19670092196	Timer, event, digital readout type ii engineering model	1966
19670092198	Timer, event, digital readout type ii, volume 2	1966
19670092199	Switch, toggle, manual final report	1966
19670092200	Report of test on ge relays number 3 sam 1035	1966
19670092201	The effect of vibrations and oscillations on heat transfer from a circular cylinder	1966
19670092203	Mariner 4 data analysis	1966
19670092205	Calculations of higher order collision integrals quarterly status report, 1 oct. - 31 dec. 1966	1966
19670092208	Qualification test of the hydraulic main system filters. dac scn 1a66244	1966
19670092210	Del 500v power supply evaluation	1966
19670092211	Environmental evaluation of fifteen electromagnetic on-off indicators	1966
19670092212	Del 600v power supply evaluation	1966
19670092217	Evaluation tests of wire, electric, crosslinked polyalkene insulated	1966
19670092218	Laser study	1966
19670092219	Qualification testing of miniature neon lamps	1966
19670092221	Alternate source qualification-null indicators	1966
19670092222	Preproduction inspection of audio transformer	1966
19670092223	Microelectronic integrated circuit, broadband amplifier	1966
19670092229	Evaluation of solid state time delay modules	1966
19670092230	Comparative test of seven epoxy stripping solutions	1966
19670092233	Intermediate pulse width laser system semiannual technical report, 1 oct. 1965 - 31 mar. 1966	1966
19670092235	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670092236	C-21 analog monitor test results	1966
19670092240	Study for the indicial load effects on multi-stage space vehicle systems monthly progress report, 1-30 jun. 1966	1966
19670092241	Compressor, motor driven, mfg. part no. 33e11-1a, naa control no. me 281-0020-0001	1966
19670092242	Qualification Test Report for Ambient Helium Medium Pressure Switch, Douglas Specification Control No's. 7871397-509, General Test Plan Item No. U-5F, Model No. Saturn S-IVB	1966
19670092246	Compressor, motor driven, mfg. part no. 33e11-1a, naa control no. me 281-0020-0001	1966
19670092247	Studies of sst weather radar as an anti- collision device /wr-006/	1966
19670092249	Study for the indicial load effects on multi-stage space vehicle systems monthly progress report, 1-31 jul. 1966	1966
19670092253	Brooks instrument company, inc. rotameter gas flow meter	1966
19670092254	Periodic production test summary report. capacitor, fixed, electrolytic	1966
19670092255	Vibration test of mikro subminiature connectors	1966
19670092256	Evaluation of bourns model 3070 trimming potentiometers	1966
19670092257	Life support and protection for survivable command centers - man's requirements	1966
19670092259	Development of coatings for protection of dispersion of strengthened nickel from oxidation. part ii - development of cr-al coatings by vacuum pack techniques final summary report, feb. - dec. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092260	Testing and evaluation of bonding characteristics of heat reflecting coating	1966
19670092261	Comparison test program of resistor, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19670092262	Temperature/humidity test, jfd electronics corporation, uy type capacitors	1966
19670092263	Comparison test program of resistor, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19670092264	Comparison test program of semiconductors, diodes, zener, silicon	1966
19670092265	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670092266	Comparison test program of resistors fixed, composition, molded or dipped, 1/4 watt	1966
19670092267	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670092272	Qualification test report on fixed capacitors of capacitors, fixed, film, non metallic case /mylar wrap/, lead mount, /mil-general- modified/	1966
19670092273	Test-to-failure for resistor w. w. 1/50 watt	1966
19670092274	The use of environmental stress in conjunction with simulation testing	1966
19670092277	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/2 watt	1966
19670092278	Study of the mechanism of the electrochemical oxidation of hydrocarbons by experimental separation of reaction steps final technical report, 1 nov. 1965 - 31 oct. 1966	1966
19670092279	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670092282	Qualification test of lh2 translunar pressure switch	1966
19670092283	Qualification test report on diodes	1966
19670092288	Valve, Hand, 1/4 Inch, 6000 PSIG, MMH and NTO Qualification Test DAC SCN 1A66801-503	1966
19670092292	Failure mode and effect analysis - apollo csm high gain antenna subsystem	1966
19670092294	Qualification tests on tape, electrical, insulating, electrical type vf-1	1966
19670092295	Laboratory test setup for evaluating and testing functional circuits using integrated circuits	1966
19670092296	Handbook of instructions for weapon system designers. volume i - general design criteria	1966
19670092305	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670092306	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/2 watt	1966
19670092308	Qualification of sprague resistor 885c637, resistor, fixed, metal film, precision molded or dipped, 1/20 watt	1966
19670092309	Qualification of irc type rwp fixed wirewound resistors	1966
19670092310	Module terminal boards - conformal coated	1966
19670092311	Evaluation of aerovox cr89m series capacitors	1966
19670092312	Evaluation of sprague 5c15 ceramic capacitors	1966
19670092315	Timer, stop, type iii, class i	1966
19670092316	Dc Amplifier/exciter	1966
19670092317	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/2 watt	1966
19670092318	Tests on hf transceiver	1966
19670092319	Inverter, type av1122a va static	1966
19670092320	Evaluation of ge 1n4829 dual diode in double heat sink package /stabistor/	1966
19670092321	Evaluation of band pass filters final report	1966
19670092323	Low temperature annealing of cast 17-4 ph stainless steel	1966
19670092324	Qualification test report for calibration command channel decoder assembly dac scn 1a74053-501	1966
19670092326	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1966
19670092327	Comparison test program of resistor, fixed metal film, precision, molded or dipped, 1/4 watt	1966
19670092329	Comparison test program of resistor, fixed metal film, precision, molded or dipped 1/4 watt	1966
19670092330	Post qualification inspection for scr 181h lot number 10	1966
19670092334	Spacecraft rocket engine chamber insulation materials monthly progress report, period ending 31 oct. 1966	1966
19670092337	Handbook of instructions for aerospace systems design. volume iii - reduced gravity	1966
19670092339	Study for the indicial load effects on multi-stage space vehicle systems monthly progress report, 1 aug. - 31 aug. 1966	1966
19670092340	Evaluation of the fairchild 2n1132 pnp silicon transistor	1966
19670092342	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/4 watt	1966
19670092343	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/2 watt	1966
19670092344	Component test report for qualification of manufacturer to company specification	1966
19670092346	Report of qualification test of compressor, motor driven, mfg. part no. 33e11-1a, naa control no. me 281-0020-0001	1966
19670092347	Report of qualification test of compressor, motor driven, mfg. part no. 33e11-1a, naa control no. me 281-0020-0001	1966
19670092348	Evaluation test report on em 79808	1966
19670092349	Thermal conductivity of high power, npn, flat pack transistor	1966
19670092350	Fluke 10 kv power supply evaluation	1966
19670092352	Evaluative test of 10 c. p. clare latching relays part number lf10102s01, motorola no. 80-25800a01	1966
19670092353	Evaluation tests of 8 "half size" wabco relays, part. no. 90220301	1966
19670092354	Synchro, differential transmitter	1966
19670092356	The reliability wheel	1966
19670092357	Size 10 motor generator as used in the 7428a vertical flight reference sensor, 13 july 1965 - 16 march 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092358	Environmental test of variable rf coil	1966
19670092360	Size 8 temperature compensated motor tachometer generator, 17 february 1964 - 1 february 1966	1966
19670092361	Functional-group terminated diene polymers progress report, 22 oct. - 26 nov. 1966	1966
19670092362	Development of a system for pre-stressing brittle material	1966
19670092364	Evaluation test of field effect transistors to eia-jedec registration criteria	1966
19670092365	Evaluation and life test report on two types of reference diodes	1966
19670092366	Evaluation test of field effect transistors to eia-jedec registration criteria	1966
19670092368	Synthesis of new polymers by homogenous coupling reactions, part ii summary technical report, dec. 1964 - nov. 1965	1966
19670092369	Group two qualification test of microswitch at and tl toggle switch	1966
19670092370	Subscale bipropellant valve actuator simulated load tests	1966
19670092373	Compressor, motor driven, mfg. part no. 33e11-1a, naa control no. me 281-0020-0001	1966
19670092375	Investigation of optimum power supply for electroluminescent lamps, final report	1966
19670092376	Effect of additives on the ignition delay time of hypergolic propellants monthly status letter, 5 nov. - 4 dec. 1966	1966
19670092378	Effect of additives on the ignition delay time of hypergolic propellants monthly status letter, 5 oct. - 4 nov. 1966	1966
19670092383	Evaluation of texas instruments fixed film resistor 773566op1000	1966
19670092384	Evaluation of erie technological products, inc. p/n 875-024r3a0511g disk type temperature compensating, ceramic capacitor	1966
19670092385	The analysis of failure mechanisms in a reliability testing program	1966
19670092386	Surveillance inspection test of semiconductors, diodes, general purpose silicon	1966
19670092390	C-141a awls localizer antenna study	1966
19670092391	Qualification Tests Propellant Filters P/N 15241-525 and 15241-526	1966
19670092392	Evaluation of data science corporation model 5000 time code generator	1966
19670092393	Qualification Test of the Thermo- Conditioning System Supply Hose, Douglas SCN 1B59249-501, General Test Plan Item No. N-22, Model No. Saturn S-IVB	1966
19670092394	Regulated DC, Low Level, Solid State Power Supply,	1966
19670092395	Apollo Project Semiconductor Device, Rectifier, Power, Silicon, Fast Switching Hughes SCD 1006300: Qualification of Transiron Electronics Corp. Rectifier, Type SR 1505	1966
19670092396	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670092398	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670092401	Compressor, motor driven, mfg. part no. 33e11-1a, naa control no. me 281-0020-0001	1966
19670092404	Evaluation test of 30 erie type 8133 and 30 electron products type epcos molded case ceramic capacitors for project 3146	1966
19670092406	Evaluation and life test report on corning glass type cykoi- and cyko2-capacitors	1966
19670092409	Qualification test of switching transformer, 1650 cps, 13 secondaries	1966
19670092411	Hydraulic hose assemblies, gimbal plane, qualification test	1966
19670092413	Relay /mod/, asd p/n 542694	1966
19670092415	Evaluation of kemet type p, solid tantalum capacitors	1966
19670092416	Lead failure and examination of the internal construction of six cd-5310-58 /snr5161/ integrated circuits	1966
19670092419	Era 600 v power supply evaluation	1966
19670092420	Coaxial switch, design evaluation test dac scn 1a 74988-1	1966
19670092422	Study of variable mesh methods of differential equations semiannual report, 13 jun. - 12 dec. 1966	1966
19670092424	Qualification test of signal conditioning dc amplifier	1966
19670092427	Qualification test of power transformer, 18.4/1.05, 2.83 vrms, 1000-1700 cps dac scn 1b34434-1	1966
19670092428	Qualification test report for fm transmitters dac scn 1a58842-1 and -501	1966
19670092429	Experimental investigation of the fundamental modes of a collisionless plasma quarterly progress report, 1 aug. - 31 oct. 1966	1966
19670092432	Evaluation tests on switches, hydrostatic /pressure activated/ type 1c2320-070	1966
19670092434	The effect of migration in laminar diffusion layers	1966
19670092435	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/4 watt	1966
19670092447	Trailblazer ii j data report	1966
19670092450	Light airborne asw vehicle effectiveness and cost analyses	1966
19670092462	Test results of a supersonic/hypersonic combustion force-balance inlet model final report	1966
19670092464	Encapsulation of white phosphorous	1966
19670092501	Installation, alignment, and removal procedure yj93 engine, xb-70a air vehicle	1966
19670092504	Engineering analysis test of united transformer corporation do-t36 audio frequency transformer	1966
19670092506	Evaluation of udimet 630 final report	1966
19670092510	Evaluation of the v/cr-ti/-si coating for columbium base alloys	1966
19670092512	Requalification of sprague 252c ceramic capacitors /ge no. 7618141/	1966
19670092513	Qualification test report on transistors, semiconductors, transistors, switching, noc, silicon, pnp	1966
19670092514	Qualification tests on solder, powdered resin core	1966
19670092515	Component test report - connector	1966
19670092516	Qualification test report on flex ator constant force springs	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092517	Engineering evaluation of circuit breakers	1966
19670092518	Qualification test report on fixed capacitors	1966
19670092520	Corrosion resistance of metal alloys and plastics with red fuming nitric acid and chlorine trifluoride	1966
19670092521	Vitro/ssl specification wire, insulated, seven strand copper-jacketed steel	1966
19670092522	Evaluation of materials at elevated propellant temperature	1966
19670092524	Investigation of advanced thrust chamber designs monthly progress report, 6 nov. - 6 dec. 1966	1966
19670092525	Reactor, Network	1966
19670092526	Qualification Test of 3/4 Inch 3500 PSIG Relief Valve, DAC-SCN 1B51360-523	1966
19670092527	Evaluation test of taplite thread swaging screws	1966
19670092529	Rains in the arctic, temperate and tropical zone final annual technical report, apr. 1965 - mar. 1966	1966
19670092533	Comparison test program on semiconductors, transistors, general purpose, silicon, npn	1966
19670092534	Comparison test program on resistor, fixed composition, molded, 1/4 watt	1966
19670092535	Development of nondestructive test inspection techniques for atj molded graphite	1966
19670092536	Qualification of irc wirewound trimmer rt22	1966
19670092538	Fan, tube axial, 3-phase, 400 cps	1966
19670092539	Resistor, fixed film. reliability report	1966
19670092540	Investigation of weld strength requirements and consistency for mig spot welds in aluminum alloy 6061-t6	1966
19670092541	Investigation of high temperature coating for glasrock hot forming tools final report	1966
19670092543	Corrosion resistance of electrolyzed chrome plate final report	1966
19670092545	Brake assembly, electrical	1966
19670092546	An evaluation of kodak colored oscillograph paper type 705	1966
19670092547	Qualification tests on terminals, lug, crimp-style, copper, insulated	1966
19670092548	Flap control switch	1966
19670092549	Jettison pushbutton switch	1966
19670092550	Qualification tests on terminals, lug, crimp-style, copper, uninsulated	1966
19670092552	Reliability test and evaluation plan for the mark 17 reentry vehicle	1966
19670092568	Comparison test program on capacitor, fixed, ceramic, molded, lead mount, mil-general	1966
19670092569	Comparison test program of capacitor, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil-general	1966
19670092575	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670092578	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670092579	Comparison test program of semiconductors, transistors, switching, noc, silicon, pnp	1966
19670092581	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670092583	Surveillance inspection test of electron tube, special purpose, diode, multiple, voltage regulating	1966
19670092587	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670092588	Comparison test program of semiconductors, transistors, power, silicon, pnp	1966
19670092589	Surveillance inspection test of semiconductors, diodes, voltage reference, silicon	1966
19670092590	Surveillance inspection test of capacitor, fixed glass, molded, lead mount	1966
19670092591	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670092592	Comparison test program of resistor, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19670092593	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670092594	Surveillance inspection test of capacitor, variable, voltage variable	1966
19670092595	Surveillance inspection test of electron tube, special purpose, triode, multiple, receiving	1966
19670092596	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670092597	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1966
19670092598	Surveillance inspection test of semiconductors, diodes, general purpose, silicon.	1966
19670092599	Comparison test program of semiconductors, transistors, power, silicon, pnp	1966
19670092600	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670092602	Comparison test program of resistor, fixed, metal film, precision, molded or dipped, 0.5 watt	1966
19670092603	Comparison test program of capacitor, fixed, ceramic, molded, lead mount, mil-general	1966
19670092604	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670092605	Surveillance inspection test of semiconductors, diodes, voltage reference, silicon	1966
19670092606	Qualification test report on fixed capacitors of capacitors, fixed, ceramic, dipped, lead mount	1966
19670092607	Qualification test report on fixed capacitors of capacitors, fixed, film, non metallic case /mylar wrap/, lead mount, /mil-general- modified/	1966
19670092608	Csc 134b power supply evaluation	1966
19670092613	Qualification of thermistors, resistor, fixed, thermal, metal encased, 95mw	1966
19670092614	Qualification of thermistors, resistor, fixed, thermal, 400mw	1966
19670092615	Qualification of thermistors, resistor, fixed, thermal, 820mw	1966
19670092618	Nonradiative processes in optical maser materials progress report, 1 oct. 1965 - 30 mar. 1966	1966
19670092619	Failure analysis report on instruments, pressure, gas	1966
19670092621	Comparison test program of semiconductors, transistors, general purpose silicon, npn	1966
19670092624	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670092627	Surveillance inspection test on semiconductor, diode, fast switching, silicon	1966
19670092630	Engineering analysis test of buweps 1643825- 101 /bxm 15563421-101/ radio frequency inductor	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092632	Leadwire, stranded polytetrafluoroethylene insulated for 600 or 1000 volt, 200 c service final specification	1966
19670092633	Battery Circuit Breaker Panel Assembly	1966
19670092637	Tda approach light assembly final report	1966
19670092638	Fusion welding of high strength aluminum alloys - x 7002, x 7106, and x 7039	1966
19670092642	Surveillance inspection test of capacitor, fixed, electrolytic, tantalum, foil, hermetically sealed, lead mount	1966
19670092643	Failure analysis laboratory report	1966
19670092644	Qualification tests on tape, electrical, insulating	1966
19670092645	Testing and evaluation of bonding characteristics of heat reflecting coating	1966
19670092646	Size 10 motor generator as used in the 2171ab displacement gyroscope	1966
19670092647	Qualification tests on solder, rosin core	1966
19670092657	Illuminated panel switch component evaluation test report	1966
19670092658	Connector, receptacle, electrical reliability engineering report	1966
19670092659	Pouch, fecal, germicide qualification test report	1966
19670092661	Results of residual welding stress test	1966
19670092662	Qualification test report on transistors of semiconductors, transistors, power, germanium, pnp	1966
19670092666	Flow rate and turbo speed network module /w-53a/ qualification /type 3/ test technical memo, 5 may - 23 jun. 1965	1966
19670092667	Chilldown system swing check valve, scn 1a49964-1 /c-change/	1966
19670092668	Static tests of three tx354-5 rocket motors	1966
19670092669	Life test evaluation of trw electronics' in702 zener diode	1966
19670092670	Evaluation of dupont 'corlar' epoxy paint number 823-8022 as a chemically resistance protective coating for non-metallics	1966
19670092673	Systems test objectives - gemini atlas agena target vehicle system /gemini viii/	1966
19670092685	J-2 engine qualification test addendum 1 radio frequency interference testing final report	1966
19670092689	1965 flox/fluorine toxic cloud diffusion summary report	1966
19670092691	Test procedure and test report for transformer - demodulator, filter, servo amplifier	1966
19670092693	Qualification test report for helium safe pressure switch	1966
19670092698	Component part evaluation report on semiconductor, transistor, general purpose, silicon, npn	1966
19670092703	Development of a system for pre-stressing brittle material	1966
19670092704	Saturn ib improvement study phase ii final presentation	1966
19670092706	Test report for pyrotechnic valve - pneumatic actuator	1966
19670092707	Cdf thru bulkhead pyrogen initiator phase iv development report	1966
19670092708	Stepping motor	1966
19670092713	Comparison test program of resistor, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19670092717	Thermocouple Assembly, Surface	1966
19670092720	Investigation of advanced regenerative thrust chamber designs monthly report, 16 nov. - 16 dec. 1966	1966
19670092722	Milne problem for thermal neutrons with absorption	1966
19670092731	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/8 watt	1966
19670092732	Surveillance inspection test of semiconductor, diodes, general purpose, silicon	1966
19670092733	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/4 watt	1966
19670092736	Passive geodetic satellite final report materials test	1966
19670092738	Actuator - door, ground cooling	1966
19670092740	Analog gate	1966
19670092741	Del 3kv power supply evaluation test report, 12 apr. 1965 - 11 jan. 1966	1966
19670092743	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670092753	Comparison test program on semiconductors, diodes, rectifier, silicon	1966
19670092754	The evaluation of industroclean as a general cleaner for aircraft surfaces	1966
19670092758	Supersonic transport development phase ii-c. sst phase iii flight test program 100 hour evaluation	1966
19670092760	Cybernetics and cartography	1966
19670092761	Valve, isolation-burst disc assemblies	1966
19670092763	Component part evaluation report on relays, 1-5 amp, hermetically sealed, 1-30 vdc, time delay, multiple pole	1966
19670092767	Qualification test of fuel tank relief valve dac scn 1a49591-505	1966
19670092768	Qualification report on fixed capacitors	1966
19670092769	Switches, electrical, manual, toggle, miniature, life test	1966
19670092771	Mission-Life Tests for 548N-1 S-Band Power Amplifier Equipment Ser. No. 026720040013	1966
19670092777	Cold helium check valve qualification tests. dac-scn 1b65673-1a	1966
19670092779	B-70 program review	1966
19670092780	B-70 landing and take-off program	1966
19670092781	Sst-phase ii-c hydraulic system piping and connection methods program	1966
19670092784	Motor, control - with gearhead	1966
19670092786	Investigation of fuel tank deposits - model I-2000 test report, jan. - aug. 1965	1966
19670092788	Valve, air start, crossbleed	1966
19670092789	Electronic timer	1966
19670092790	Aileron trim actuator	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092792	Switch - push-button	1966
19670092793	Evaluation of a silicon rectifier-stud mounted configuration /motorola in3208/	1966
19670092795	High temperature decals final report	1966
19670092796	Surveillance inspection test on semiconductor, diode, zener, silicon	1966
19670092798	Comparison test program of semiconductors, transistors, power, silicon, npn	1966
19670092799	Thrust termination reliability test evaluation	1966
19670092801	Component parts evaluation report on fuses, sealed cartridge	1966
19670092802	Performance and properties of liquid propellants	1966
19670092803	Effects of component lead wire cleaning on welding final report	1966
19670092807	Comparison test program of resistor, fixed, wirewound, power dipped, 1.0 watt	1966
19670092829	Part specification filter, capacitor, fixed, ceramic dielectric	1966
19670092830	High-voltage pnp transistor	1966
19670092834	Comparison test program on resistor, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19670092836	Comparison test program on resistor, fixed, thermal, molded, 1/4 watt	1966
19670092837	Qualification of units for use on the apollo program final report	1966
19670092839	Line assembly, lh2 tank pressure solar assembly 36553	1966
19670092840	Qualification of units for use on the apollo program final report	1966
19670092841	Water-glycol radiator flow proportioning valve	1966
19670092845	Qualification test report on diodes	1966
19670092847	Environmental testing of dale ags resistors	1966
19670092849	Reliability prediction, saturn-ii spacecraft battery	1966
19670092850	Qualification tests of diodes di-76 silicon rectifiers	1966
19670092851	Surveillance inspection test of resistor, fixed, carbon film, molded -r dipped, 1/8 0att	1966
19670092852	Air pressure regulator - external fuel tanks	1966
19670092853	Evaluation of the motorola 2n3251 silicon pnp transistor	1966
19670092857	System safety engineer's handbook	1966
19670092858	Fuel tank pre-pressurization metal hose assembly dac scn 1a48853-505	1966
19670092859	Qualification test report for 300 ampere power transfer switch /motor driven/ douglas specification control number 1a68085-505 general test plan line item no. p-1, model no. saturn s-ivb	1966
19670092860	Waveform evaluation of the exploding bridgewire type electric detonator, douglas scn 7865742-501, model no. saturn s-iv, november through december, 1965	1966
19670092861	Capacitor, fixed, film, matched-pair, non-polarized	1966
19670092862	Qualification test of saturn s-ib stage 20- micron absolute filters /60c20908/	1966
19670092866	Qualification, disconnect assy, common bulkhead, vacuum monitoring system	1966
19670092867	Pressure compensated bellows, scn 1a87647-1, formal qualification test	1966
19670092868	Qualification test, sound pressure level transducer, p n's 1a68708-1 and -505 technical memo., 29 oct. 1965 - 23 apr. 1966	1966
19670092869	Emc qualification test of absolute pressure transducer, p/n 1b39293-1	1966
19670092872	Design development tests of four 3/4-inch teflon flex hoses	1966
19670092873	Qualification test report on apollo vhf omni antenna assembly	1966
19670092874	Qualification test, 1b51361-501 check valve for aps flight usage	1966
19670092875	Qualification test of cold helium fill disconnect assembly	1966
19670092876	Failure analysis of licon switch, part number 65-2010	1966
19670092877	Transformers, life	1966
19670092878	Visual examination of glass encased semiconductor diodes	1966
19670092880	Wire, insulated, seven strand copper-jacketed steel	1966
19670092883	Vibration test of alq-41 microwave switch	1966
19670092887	Switches, electrical, mechanical /micro switch/ actuator displacement repeatability	1966
19670092888	Potentiometer, trimmer - infinite resolution	1966
19670092889	Life test of deutsch mated to bendix connectors for lemde project	1966
19670092893	Qualifications report on semiconductors, diodes, zener, silicon	1966
19670092894	Surveillance inspection test on resistor, fixed, metal film, moulded or dipped, 2 watts	1966
19670092898	Life test of minneapolis honeywell 2n2813 transistor	1966
19670092899	Report of test on cell, photoconductive	1966
19670092904	Fan	1966
19670092905	Test report on ten pressure switches, sp-1596874-3	1966
19670092906	Report of tests for qualification on sensor, relative humidity	1966
19670092907	Qualification test of 1/2-inch, 3200 psi check valve	1966
19670092908	Qualification Test Report for LH2 Tank Loading Pressure Switch	1966
19670092910	Qualification test report for nitrogen tetroxide vapor pressure switch	1966
19670092913	Evaluation test of rca 2n3231	1966
19670092914	Evaluation of u. s. capacitor corp. 2 percent ceramic miniature capacitors	1966
19670092915	Qualification test of 3/4-inch monomethylhydrazine check valve douglas specification control number 1a79398-1	1966
19670092917	Qualification test report for fuel mass probe	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092918	Qualification test of high frequency pressure transducer dc-dc p/n 1a88035-503 technical memo., 19 apr. - 23 jul. 1966	1966
19670092919	Qualification test report on apollo sla vhf omni antenna assembly	1966
19670092923	Qualification test report qtr 452-102 on indicators, event, sealed per naa scd me 432-0172 for north american aviation, inc.	1966
19670092924	Transistors, silicon, plastic encapsulated /t. i. 2n3702/ reliability evaluation	1966
19670092931	Liquid oxygen pre-valve, dac p/n 1a49968-505, qualification test	1966
19670092932	Clutch brakes for use in the mk48 fire control system	1966
19670092933	Apollo project semiconductor device, diode specification control dug. 1006701	1966
19670092934	Flex metal hose development test	1966
19670092935	Qualification test of the auxiliary hydraulic pump low-pressure filter	1966
19670092936	Evaluation of westinghouse ws145s	1966
19670092938	Failure analysis report on semiconductor, diode, zener	1966
19670092939	Failure analysis report on regulators, fluid, pressure	1966
19670092940	Failure analysis report	1966
19670092941	Qualification test of prevalves	1966
19670092943	Increased level qualification test of motor driven switches	1966
19670092945	Lh2 recirculation system	1966
19670092946	Transistor, germanium, pnp, power	1966
19670092948	Component part evaluation report	1966
19670092954	Qualification tests on tantalum capacitors	1966
19670092958	Qualification report on semiconductor, diode, voltage reference, silicon	1966
19670092974	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1966
19670092976	Electroplating nickel tools	1966
19670092979	Size 11 motor generator with brake	1966
19670092981	Size 10 motor generator	1966
19670092983	Qualification test report on fixed capacitors of film, metalized, non metallic case /mylar wrap/, lead mount /commercial standards/	1966
19670092984	Qualification test report on fixed capacitors	1966
19670092987	Comparison test program on semiconductors, transistors, general purpose, silicon, pnp	1966
19670092988	Comparison test on semiconductors, transistors, switching, noc, silicon, pnp	1966
19670092994	Surveillance inspection test on resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670092995	Comparison test program of semiconductors, transistors, silicon, pnp	1966
19670092999	Filter, electromagnetic - interference suppression	1966
19670093000	Surveillance inspection test of capacitor, fixed glass, molded, lead mount	1966
19670093003	Comparison test program on capacitor, fixed, tantalum, solid, hermetically, sealed, lead mount	1966
19670093004	Comparison test program of capacitor, fixed, film metalized, hermetically sealed, lead mount	1966
19670093005	Surveillance inspection test on semiconductor, diodes, general purpose silicon	1966
19670093006	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/8 watt	1966
19670093008	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/2 watt	1966
19670093009	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/2 watt	1966
19670093010	Report of test on d. c. generator, type sb 740b-1	1966
19670093011	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1966
19670093032	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1966
19670093035	Investigation of wedges and cones at high reynolds numbers in a hypersonic free piston tunnel	1966
19670093037	Harrison labs. 6525a power supply evaluation, 7 september 1965 - 15 january 1966	1966
19670093039	Comparison test program of resistor, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19670093040	Reliability verification test procedure to verify buweps pn 1960o28-01c1	1966
19670093041	Peak power test results for em 79472	1966
19670093044	Cubic 271 digital voltmeter evaluation	1966
19670093045	Apollo service module reaction control system engine supplement report	1966
19670093048	Qualification of special mount, dc, permanent magnet motors	1966
19670093049	Environmental evaluation of twelve ta2 relays	1966
19670093051	Module terminal boards	1966
19670093052	Analysis of electromagnetic devices by probabilistic reliability methods	1966
19670093054	Design and testing of ablation systems for low heating rate and low shear force applications	1966
19670093056	Qualification of tantalytic capacitors	1966
19670093057	Qualification of thermistors. resistor, fixed, thermal, metal encased 720 mw	1966
19670093058	Qualification test report on fixed capacitors	1966
19670093060	Development of a glass-reinforced resin- bonded cable of continuous length progress report	1966
19670093062	Manufacturing data for production engineering measure for type fw-202 barrier grid storage tube, volume ii final report, 1 jul. 1961 - 30 apr. 1965	1966
19670093070	Operational amplifier - to-5	1966
19670093072	Experimental investigation of a high pressure, high voltage electrogasdynamic generator quarterly progress report, may - jul. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093078	Acceptance test report on fixed resistors	1966
19670093079	Acceptance test report on fixed resistors	1966
19670093080	Surveillance inspection test on resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670093085	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/8 watt	1966
19670093086	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1966
19670093087	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1966
19670093088	Surveillance inspection test on resistor, fixed, carbon film, molded, 1/8 watt	1966
19670093089	Surveillance inspection test of semiconductor, transistor, general purpose, silicon, npn	1966
19670093090	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670093092	General evaluation of electromechanical relay type 31011 0001251	1966
19670093093	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1966
19670093094	General evaluation of briost-1.6kd1 babcock relays	1966
19670093095	Evaluation test for operational amplifier	1966
19670093096	Sensor Assembly, Calorimeter Final Specification	1966
19670093097	Evaluation of coricone 1700	1966
19670093098	Qualification test results on champion package company product fr2160a	1966
19670093100	Planning and conducting conferences /a handbook of procedures/	1966
19670093107	Qualification test results on ben-mont papers, division of wrap-tures gift wrap, inc., product ben-mont metalam I-871	1966
19670093110	Environmental test of temperature control valve final report	1966
19670093112	Circuit breaker	1966
19670093115	Fracture characteristics of 7178-t76 products	1966
19670093124	Development of a glass-reinforced resin - bonded cable of continuous length, supplement 1 progress report, 1 jan. - 1 jun. 1966	1966
19670093132	General organization of research on reactor noise in france organisation generale de la recherche sur le bruit des reactors en france	1966
19670093134	Satellites and sounding rockets surveillance report, 1 jan. - 30 sep. 1966	1966
19670093135	Resistor, precision	1966
19670093136	Post qualification inspection for scr 18th lot number 1	1966
19670093137	Evaluation test report on em710461 pnpn diodes	1966
19670093138	Evaluation test of a microwave "pill" termination	1966
19670093139	Qualification inspection for scr 181h lot number 10	1966
19670093147	Cx hermetic connectors	1966
19670093148	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670093155	Evaluation of custom electronics reconstituted mica capacitors	1966
19670093156	Evaluation of lenox-fugle miniature shielded inductors, type mcr	1966
19670093157	Evaluation of amelco integrated video amplifier, part no. e13-511	1966
19670093158	Evaluation of lenox-fugle miniature shielded inductors, type mr	1966
19670093160	Investigation of the susceptibility of mms-211 18 per cent nickel maraging steel to hydrogen embrittlement	1966
19670093163	Evaluation tests on resistors, variable, wirewound, precision with clutch and brake	1966
19670093164	Meteorological rocket network firings, volume lviii data report, jun. 1966 firings	1966
19670093165	Transistor - pnp, germanium alloy high current	1966
19670093166	Evaluation of lenox-fugle miniature shielded inductors, type dr	1966
19670093170	Preliminary test of rayclad thermofit solder sleeves, subjected to humidity and heat aging environments test memorandum 28 may - 26 aug. 1964	1966
19670093173	Component part evaluation report on semiconductors, transistor, general purpose, silicon npn	1966
19670093174	A23 component evaluation study	1966
19670093177	System safety accident/incident check list	1966
19670093178	Capacitor, fixed, solid, tantalum, non-polar, insulated 6800-3036	1966
19670093181	Failure mode and effect analysis, a powerful engineering tool for component and system optimization	1966
19670093182	Electric system reliability requires right relay	1966
19670093183	An investigation for reliability improvement an measurement using test to failure	1966
19670093186	Design of transistor regulated power supplies	1966
19670093187	Rehabilitation and recertification of magnetic recording tape	1966
19670093190	Equipment instrument specification for a multicontact, hermetic, electrical header	1966
19670093191	A small liquid helium cryostat for calibration of resistance thermometers	1966
19670093193	Lambda c-282m power supply evaluation	1966
19670093194	Failure of cd-5310-43 /snr-5111/ integrated circuit	1966
19670093197	Qualification report on semiconductor, transistor, general purpose, silicon, pnp	1966
19670093198	Pilot, parachute system nv/pn r7640-23	1966
19670093199	Rotary switches, p/n 10500-1012	1966
19670093200	Evaluation of fairchild 2n929 silicon npn transistor	1966
19670093201	Engineering evaluation of printed circuit connector-5	1966
19670093208	Csc 122d power evaluation	1966
19670093209	Emc 236aml power supply evaluation	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093227	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670093228	Rocket Exhaust Effects on Unified S-band Performance, Saturn As-202 Test Report	1966
19670093229	Failure of a cd-5310-10 /snr510/ integrated circuit in the memory system	1966
19670093233	Capacitor requalification	1966
19670093234	Snap-50/spur quarterly technical progress report for period ending mar. 31 1966	1966
19670093243	Saturn V Exhaust Effects on Radio Systems Performance Final Report	1966
19670093245	Investigation of sputtering effects on the moon's surface quarterly status report, 25 oct. 1965 - 24 jan. 1966	1966
19670093246	Goodyear "bondolite" mh-101 honeycomb beam tests	1966
19670093248	Evaluation of feed-thru ceramic capacitors	1966
19670093256	Surveillance inspection test of semiconductor, diodes, general purpose, silicon	1966
19670093259	Qualification report of relay, less than 1/2 amp, hermetically sealed, 26.5 vdc, latching, spdt	1966
19670093260	Surveillance inspection test on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670093270	C-band transponder equipment qualification test report	1966
19670093272	Strengthening mechanisms in steel final report, feb. 1962 - feb. 1965	1966
19670093286	Environmental testing of reed relays	1966
19670093287	Qualification testing of motors, d. c., p. m.	1966
19670093288	Qualification testing on stepper motors	1966
19670093293	Silicon carbide filaments first quarterly progress letter, may 31 - aug. 31 1966	1966
19670093296	As-503 launch vehicle targeting objectives proposal	1966
19670093297	Performance checkout of test chamber environmental control and optical measurement systems quarterly progress report, 15 sep. - 15 dec. 1966	1966
19670093310	Development of multiple source - multiple low voltage converter-regulator power supply with automatic failure sensing and redundant switching quarterly report, 1 oct. - 30 dec. 1966	1966
19670093313	Component/part test data sheet	1966
19670093314	Report of test on rotary switches, p/n 10500-1008 qualification tests for daven division, mcgraw-edison company	1966
19670093315	Report of test on rotary switches, p/n 10500-1007 qualification tests for daven division, mcgraw-edison company	1966
19670093316	Chemical reactions on a carbonaceous surface	1966
19670093320	Switch gage hookup wire - final specification	1966
19670093323	Stress-corrosion cracking studies of 10-, 12-, and 18-percent ni maraging steel alloys in seawater	1966
19670093325	Comparison test program of resistor, fixed, wirewound, power, dipped, 2.5 watts	1966
19670093326	Comparison test program of semiconductors, diodes, general purpose, silicon	1966
19670093334	Report of test on fiberglass cord, type ecg 150, 2/2 stranding, with 064 treatment-tensile test	1966
19670093335	Evaluation of rl type fixed resistors	1966
19670093338	Space sciences laboratory semiannual progress report, may 1 - sep. 30, 1966	1966
19670093345	Comparative test of bnc, tnc, and crimp-on tnc cable connectors	1966
19670093348	Test procedure and test report for transducer- pressure, absolute, potentiometric	1966
19670093349	Capacitor, fixed, metallized polycarbonate - component test summary	1966
19670093350	Evaluation of sn5111 and sn5112 reset-set flip-flop micro electronic network	1966
19670093352	Study of the use of various metals for optical reflecting elements quarterly report, 1 may - 1 nov. 1966	1966
19670093366	Saturn s-ii confined detonating fuse ordnance tee	1966
19670093370	Inspection, visual and mechanical	1966
19670093372	C-band transponder equipment	1966
19670093373	Impact of microelectronics on military maintenance and support	1966
19670093374	Qualification test report for transmitter switching assembly-ddas dac scn 1b29476-1	1966
19670093376	Shelf-life evaluation of relay dwg 10001- 1145847 rev. e	1966
19670093378	Preproduction inspection of audio reactor	1966
19670093385	Qualification of bourns trim pots	1966
19670093391	Comparison test program of resistor, fixed, wirewound, power dipped, 2.5 watts	1966
19670093393	Electron beam welding of ladish d6ac high strength steel	1966
19670093394	Comparison test program of resistor, fixed, wirewound, power dipped, 2.5 watts	1966
19670093396	Heater, electrical final specification	1966
19670093397	Qualification test report for differential pressure transducer dac scn 1a72914-1	1966
19670093398	Scanner sub-system	1966
19670093401	Possible contamination of man and his environment by the use of nuclear power in space mogelijke radioactieve besmetting van de mens en zijn omgeving door het gebruik van kernenergie in de ruimtevaart	1966
19670093403	Evaluation of finch paint company's proprietary coating system /adhesion tests/	1966
19670093404	Molecular binding and catalysis semiannual report, mar. - sep. 1965	1966
19670093405	Weather model studies for sst utilization and improved weather assessment techniques	1966
19670093406	Tests on vhf recovery beacon equipment	1966
19670093408	Compressor, motor driven	1966
19670093409	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, npn	1966
19670093410	Surveillance inspection test of electron tube, special purpose, pentode, receiving	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093411	Qualification of units for use on the apollo program, resistors, fixed, metal film, power, molded or dipped, less than .1 watt	1966
19670093412	Off-limit tests of micro switch at and tl toggle switch types. groups 1, 2, and 3	1966
19670093414	Capacitor-aluminum electrolytic	1966
19670093415	Instrumentation equipment specification thermocouple, fixed-immersion, enclosed- junction, iron-constantan	1966
19670093416	The evaluation of skydrol fluid mcs 4631	1966
19670093418	Environmental Testing of Foam Material	1966
19670093419	Vibration test of potter and brumfield relays p/n fc-4073	1966
19670093420	Comparison test program of resistors, fixed, thermal, molded or dipped, 1/4 watt	1966
19670093421	Evaluation of cherry point sealant-epoxy system for use in corrosion prevention of aircraft fastener areas	1966
19670093423	Materials design handbook for structural reinforced plastics	1966
19670093438	Environmental test of cherrylock rivets p/n cr 2263-a4-3	1966
19670093445	Investigation of advanced high strength alloys used in weight reduction of the saturn v thrust structure monthly progress report no. 7, 1 - 31 jan. 1966	1966
19670093450	A satellite control center concept for 1970-1980. volume ii - technical report	1966
19670093455	Sinusoidal and random vibration tests on solar x-frame and reflectors apollo csm high gain antennas	1966
19670093456	Helium, inline filter	1966
19670093459	Fuel Tank Relief Valve Qualification Test	1966
19670093460	Insertion loss and impedance measurements on radio interference filters	1966
19670093462	Rf transmission line switch	1966
19670093464	Blower, waste management final specification	1966
19670093465	Rotary switches	1966
19670093466	Static power inverter	1966
19670093469	Heaters - electrical - radiation, static, strip, resistive, enclosed, 1-2 watts	1966
19670093470	Environmental testing of general time eti for use in sss program	1966
19670093471	Evaluation of characteristics of "whiskerless" diodes	1966
19670093472	Transformers and reactors, general specification	1966
19670093474	Comparison test program of resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19670093475	Connector, electrical cryogenic type 1	1966
19670093476	Comparison test program of resistor, fixed, wirewound, power dipped, 2.5 watts	1966
19670093477	Surveillance inspection test of semiconductor, diodes, general purpose, silicon	1966
19670093478	Qualification tests on capacitors, fixed, solid electrolyte, tantalum, type the 226ko50p0g and the 226ko50p1g	1966
19670093480	Preliminary evaluation of su-16 columbium base alloy sheet	1966
19670093483	Qualification test report on capacitors, fixed, ceramic, dipped, lead mount, /mil- general-modified/	1966
19670093484	Engineering test - development test reports - electrical/electronics - radio frequency. section 2. telemetry antenna development	1966
19670093485	Evaluation of carbon dioxide reduction systems	1966
19670093487	Confined detonating fuse	1966
19670093488	Qualification test of apollo oxygen restrictor assembly	1966
19670093489	Evaluation of texas instruments and sperry 2n2604 and 2n2605 pnp transistors	1966
19670093490	Comparison test program of semiconductors, transistors, general purpose, silicon, pnp	1966
19670093491	Relay, 4-pole double throw, 115/2002 3 phase contacts	1966
19670093492	Engineering test - development test reports - electrical/electronics - radio frequency. section 3. antenna impedance studies	1966
19670093495	Compatibility of rtv-511 with hi irfna	1966
19670093496	Engineering evaluation test report on resistor, fixed, wirewound	1966
19670093497	Comparison test program of resistor, fixed composition, molded or dipped, 1/4 watt	1966
19670093501	Saturn s-ii confined detonating fuse manifold	1966
19670093505	Saturn v launch vehicle guidance and navigation equations, sa-504	1966
19670093510	Comparison test program of capacitors, fixed, electrolytic, tantalum, solid hermetically sealed, lead mount	1966
19670093512	An Investigation of Oxidizer Manifold Explosions (Zots) in the Apollo SM/RCS Engine	1966
19670093514	A plan for the development of an environ- mental hazards handbook for the safe usage of hazardous fuels - nasa	1966
19670093515	Qualification test of amelco d13-000 and d13-001	1966
19670093517	Qualification Tests, Absolute Nitrogen Tetroxide Pressure Transducer, P/N 1B31413-1	1966
19670093518	Cartridge assembly, electrically initiated, pressure, hot wire type 1	1966
19670093519	Ambient helium pad safety pressure switch /qualification test/ p/n 1066998-503 /k-chg/	1966
19670093522	Error analysis of inversion techniques 6th quarterly report, 9 jun. - 8 sep. 1966	1966
19670093525	Gn2 conditioning system, engine compartment	1966
19670093531	Qualification of units for use on the apollo program of semiconductors, diodes, voltage reference, silicon final report	1966
19670093535	Evaluation of Tunnel Diode, Similar to 1N2929A	1966
19670093536	Relays, environmental	1966
19670093537	Relays, environmental	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093538	Evaluative test of 15 general electric, zn2646 unijunction transistors	1966
19670093539	Group 3 qualification test of micro switch at and tl toggle switch types engineering report	1966
19670093541	Qualification test of silicon switching diode douglas specification control no. 1a99812-1	1966
19670093542	Filter, electrical, medium frequency, band pass, fixed	1966
19670093544	Hermetic connectors, test report	1966
19670093545	Qualification of silicon control switches /scs/	1966
19670093547	Environmental testing of potter and brumfield relays	1966
19670093548	Temperature evaluation of irradiated modified polyolefin insulation	1966
19670093549	Edgewise compressive strength of sandwich panels composed of crushed honeycomb final report	1966
19670093550	Surveillance inspection test of semiconductor, diodes, general purpose, silicon	1966
19670093551	Surveillance inspection test of semiconductors, transistor, general purpose, silicon, npn	1966
19670093552	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, lead mount	1966
19670093553	Materials engineering study of aluminum phosphate for cms transponder radome	1966
19670093554	Surface treatments and solid film lubricants for aluminum	1966
19670093555	Roary switches, off limit tests	1966
19670093557	Comparison test program of semiconductors, transistors, power, silicon, npn	1966
19670093559	Post test evaluation of main parachute assembly used in apollo test no. 70-3	1966
19670093560	Hydrogen electrical connector	1966
19670093561	Component evaluation report and vendor comparison for dtl series integrated circuits	1966
19670093565	Comparison test program of resistor, fixed, wirewound, power dipped, 2.5 watts	1966
19670093566	Comparison test program of resistor, fixed, wirewound, power dipped, 2.5 watts	1966
19670093567	Comparison test program of resistor, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19670093568	Comparison test program of semiconductors, diodes, zener, silicon	1966
19670093572	Surveillance inspection test of electron tube, special purpose, triode, single, receiving	1966
19670093574	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670093575	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670093577	Surveillance inspection test of semiconductors, diodes, rectifier, silicon	1966
19670093578	Test report for valve - relief and shutoff, fuel tank vent, missile borne	1966
19670093579	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670093586	Compressor, motor driven	1966
19670093590	Comparison test program of semiconductors, transistors, power, germanium, pnp	1966
19670093597	Saturn v launch vehicle guidance and navigation equations, sa-502	1966
19670093599	Experimental investigation of automated techniques for studying sequential learning and memory semiannual progress report for period ending dec. 31, 1966	1966
19670093602	Comparison test program of resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19670093604	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670093606	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670093607	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670093608	Evaluation of motorola sm5515 transistors	1966
19670093609	Time delay relays - type ii, class b	1966
19670093610	Thermal vacuum testing of the gimbal plane hydraulic hose assemblies	1966
19670093611	Rf interference test of hurletron ac relays	1966
19670093615	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19670093616	Cartridge assembly, electrically initiated, pressure, hotwire, type vi	1966
19670093620	Comparison test program of resistor, fixed, wirewound, power dipped, 2.5 watts	1966
19670093625	Effects of space radiation on mosfet devices and some application implications of those effects	1966
19670093626	Failure analysis, two nytronics, inc., wee-wee- 330 ductors	1966
19670093630	Report of level zero qualification tests on apollo inverter /portion of level one/	1966
19670093631	Qualification of units for use on the apollo program - transformer, pulse, noc, enclosed, o-3, kc audio frequency	1966
19670093633	Qualification of units for use on the apollo program	1966
19670093634	Preproduction inspection of audio reactor test report	1966
19670093636	Surveillance inspection test on semiconductors, diodes, general purpose, silicon	1966
19670093637	Reactor network final test report	1966
19670093641	Refractory tube test chamber and materials evaluation program quarterly progress report, 1 apr. - 30 jun. 1966	1966
19670093643	Investigation of heterojunctions final report	1966
19670093644	Qualification test of american components, inc. type mre and eer resistors	1966
19670093645	Surveillance inspection test on resistors, fixed, carbon film, molded, 1 watt	1966
19670093647	Qualification tests on solder, plastic resin core	1966
19670093650	Xb-70 ground servicing and safety precautions	1966
19670093651	The xb-70a reliability program	1966
19670093660	Observations of nonlinear transient radiation effects in semiconductors	1966
19670093668	Panel Assembly Uprighting System	1966
19670093669	Cryogenic vibration isolator, design development vibration tests /parking orbit temperature/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093670	Apollo vhf omni antenna assembly qualification test report	1966
19670093674	Dual comparator - microcircuit	1966
19670093675	Cost analysis of reliability programs	1966
19670093691	Aerodynamic drag data - w5-133b minuteman. volume i	1966
19670093697	Formal Qualification Test of Propellant Tank Repressurization Helium Storage Tank DAC SCN 1A49990-1 Technical Memo, 4 Jan. - 22 Feb. 1966	1966
19670093698	Explosive atmosphere test procedure for circuit breaker, time delay, final specification	1966
19670093699	Diaphragm, temperature control, qualification test report	1966
19670093701	Qualification test report on cannon electric inc. connector series pv	1966
19670093702	Qualification test report the deutsch company connector series dsm	1966
19670093705	Explosive atmosphere test procedure for switch, rotary, sectional, 3 position /sr04/, final specification	1966
19670093707	Solar array drive subsystem quarterly report, 10 jun. - 1 sep. 1966	1966
19670093716	Diode, subminiature, 10,000-volt	1966
19670093719	Etching solution for chemical milling machine	1966
19670093721	Qualification test of 6000 psig solenoid regulator dac scn 1a67242-501	1966
19670093726	Qualification test of 1850 psig relief valve dac scn 1b51360-513	1966
19670093728	Saturn s-ii confined detonating fuze ordnance tee acceptance test report	1966
19670093729	Sebic image display structures interim letter report no. 2, 1 jun. - 31 aug. 1966	1966
19670093730	Life test evaluation of texas instruments pg-236 planar epitaxial diode	1966
19670093733	Instrumentation engineering specification thermocouple, variable immersion - final specification	1966
19670093735	Advanced engineering program systems and dynamics investigation /aerospike/ quarterly progress report, 1 aug. - 31 oct. 1966	1966
19670093779	Feasibility investigation of a wide angle celestial reference for space navigation	1966
19670093780	N2O4 differential pressure gage, qualification test. dac scn 1b63414-s01	1966
19670093783	Rheostats, hermetically sealed 12.5 watt rating	1966
19670093784	Explosive atmosphere test procedure for circuit breaker, 3 pole, 60 cps, final specification	1966
19670093788	Solar array drive subsystem quarterly progress report, 1 jan. - 31 mar. 1967	1966
19670093789	Image dissector camera subsystem, associated ground support equipment, and integration support for applications technology satellite quarterly report, 17 may - 17 aug. 1966	1966
19670093794	A moment of momentum integral solution for turbulent boundary layer thickness change across a shock impingement region	1966
19670093799	Mds pressure sensor report	1966
19670093800	Oxygen vent disconnect	1966
19670093801	Electromagnetic interference	1966
19670093802	Report of tests for qualification of pico fuses per ektr-343	1966
19670093803	Monitor for life testing metalized paper capacitors	1966
19670093804	Evaluation of solder ferrules utilizing infra-red heating	1966
19670093805	Phase i pbps stress corrosion program four month exposure tests of candidate materials in n2o4	1966
19670093808	Transistor, silicon npn, high current switching	1966
19670093809	Apollo project resistors, fixed, wirewound precision, powertype specification control dwg. 1006330 sage electronics corp.	1966
19670093810	Qualification test of 6000 psig 1/4-inch hand valve douglas specification control no. 1a66801-1 vacco valve company p/n nva 25-41- 2g, general test plan item no. x-30a, model no. saturn s-ivb	1966
19670093812	Laboratory - structures and dynamics effect of launch heating on strength of velcro Final report	1966
19670093814	Report of Qualification Test of Compressor Motor Driven MFG. Part No. 33E11-1A, NAA Control No. ME 281-0020-0001	1966
19670093820	Transformers, Environmental	1966
19670093821	Environmental Evaluation of Valpey-Fisher Crystal	1966
19670093824	Qualification test of 170 psig relief valve douglas specification control no. 1b5136-1 vacco valve company p/n rva-30833, general test plan item no. x-49, model no. saturn s-ivb	1966
19670093827	Qualification test report for telemetry rf pn power detector douglas specification control number 1a74776-1, general test plan item no. w61, model no. saturn s-lvb	1966
19670093828	Evaluation test of flat cable	1966
19670093830	Comparison test program	1966
19670093831	Comparison test program	1966
19670093834	Qualification test report and qualification test data for environmental tests for audio center equipment, serial no. 026728110006	1966
19670093835	Tests on audio center	1966
19670093836	Development test report and procedure on solrac inc. valve, latching solenoid	1966
19670093839	Rf transmission line switch	1966
19670093840	Design plan for the nimbus c data utilization center	1966
19670093844	Qualification test of reactor, 5mh, 10 amp dc, 120 cps. dac scn 1b34435-1	1966
19670093847	Instrumentation equipment specification thermocouple, fixed-immersion, exposed junction, iron-constantan - final specification	1966
19670093850	Investigation of operating margins, volume i progress report, phase i	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093852	Coil, rf choke final report	1966
19670093853	Bench test on vhf recovery beacon for the apollo c and d subsystem development report	1966
19670093854	Low pressure transmitter	1966
19670093858	Relays, Environmental	1966
19670093863	Xb-70a remote base recovery plan	1966
19670093864	Mission-life tests for 718p-1 vhf/am transmitter-receiver and vhf recovery beacon equipment. qualification test report and qualification test data	1966
19670093865	Qualification testing of electrotec corporation slip ring assembly	1966
19670093866	The effect of elevated temperatures on the structure and physical properties of chemical conversion coatings on aluminum alloys. literature survey	1966
19670093867	Compressor, Motor Driven	1966
19670093868	Lh2 recirculation system lines	1966
19670093886	Review of fluorine compounds as explosives final report, dec. 15, 1965 - jun. 30, 1966	1966
19670093920	Comparison test program on capacitor, fixed, ceramic, molded, lead mount	1966
19670093922	Motor and moter generators, miniature servo motor, 30-109 volts, 400 cycles test report, 15 mar. 1965 - 24 oct. 1966	1966
19670093927	Qualification testing on capacitors, report for 6 april - 29 july 1966	1966
19670093928	Surveillance inspection test of resistor, fixed, wirewound, power, dipped, 5 watts	1966
19670093938	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670093940	Qualification of sub-miniature, rack and panel connectors, series "srec"	1966
19670093946	Qualification test report of leach relay type 9227-8319	1966
19670093947	Ablation gauge feasibility study	1966
19670093949	Qualification tests on resistors, variable, wirewound, precission, type rr 15	1966
19670093951	Qualification tests on marsland relay type j26e1j6a	1966
19670093952	Concerning the investigation of the chemical cleaning of what was referred to as a fire resistant fabric, one clean and one dirty pilot's coverall betreffende het onderzoek van - chemisch reinigen van door aanvrager aangeduid als - vlamwerend gemaakt katoenen weefsel, een vuile en een schone vlieger- overall	1966
19670093955	Servicing and testing of the accessories drive subsystem of the xb-70a air vehicle	1966
19670093957	System safety operations standard manual	1966
19670093959	A reed relay for cryogenic liquid level gauges	1966
19670093961	Autopilot gyroscope packages. failure analysis report	1966
19670093962	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670093964	Evaluation of erie r. i. filters ge dwg. no. 66c601050p2, 66c601041p1, erie bulletin no. 546	1966
19670093966	Evaluation tests on gearheads, types x-1970-1-08 and x-1970-1-25	1966
19670093970	Qualification tests on tape, electrical, insulating	1966
19670093972	Qualification test on tape, electrical, insulating	1966
19670093973	Capacitors, molded mylar, general electric	1966
19670093980	Evaluation tests on amplifier, operational, /booster/	1966
19670093982	Qualification tests on tape, insulating	1966
19670093986	Evaluation tests on high megohm resistors	1966
19670093994	Fuel flow test of external wing fuel tank disconnects final report, 9 may - 3 jun. 1966	1966
19670093996	Test report on five pressure switches	1966
19670094000	An improved recording hygrometer	1966
19670094001	Qualification tests on wire, electrical, an-18 type ii	1966
19670094002	Theoretical analysis of the effects of mass transfer to the boundary layer on dynamic stability	1966
19670094005	Qualification tests on batteries dry, type ba-42, manufactured by union carbide canada limited	1966
19670094006	Evaluation tests on tape, electrical, insulating	1966
19670094007	Component evaluation test report on semiconductors, transistors, power, silicon npn	1966
19670094009	Evaluation test on capacitors, fixed, paper dielectric, metalized, type f51	1966
19670094011	Shaped charge, linear, boosted	1966
19670094012	How pride sustains motivation	1966
19670094015	Qualification test report on diodes	1966
19670094016	Random vibration testing of ls454 light sensors	1966
19670094017	Pershing qualification test report for device, fixed capacitor	1966
19670094021	Parachute subsystem-apollo earth landing system block 1 final report	1966
19670094022	Disconnect valve, helium, final specification	1966
19670094026	Battery, primary, silver-zinc, 28 volt	1966
19670094028	H. f. tranceiver equipment	1966
19670094029	Qualification of motor, hysteresis synchronous	1966
19670094030	Engineering evaluation of motor tachometer generator	1966
19670094033	Thermal - control coatings	1966
19670094035	Hydraulic System Temperature Control Thermal Switches (U-37A), Qualification Test	1966
19670094036	Tow launcher battery test report, september - december 1965	1966
19670094037	Timer, Event, Digital Timer	1966
19670094038	Compressor, motor driven, qualification test report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094049	Adhesive bonding of space structures	1966
19670094053	Aps filter, in-line, helium, 25 micron, qualification test	1966
19670094055	Analysis of beams subjected to combined bending and axial loads in the plastic range	1966
19670094060	C-5a standard-controlled-reliability parts list	1966
19670094062	Evaluation of silicon, npn, general purpose transistors. parts test report	1966
19670094064	Impact energy absorption properties of crushable materials	1966
19670094065	Evaluation tests on capacitors, fixed, mylar- dielectric, type c296aa	1966
19670094069	Cable study for alsep program	1966
19670094070	Interaction between intense optical radiation and matter quarterly reports nos. 1-3, 1 oct. 1965 - 30 jun. 1966	1966
19670094071	Safety and arming device failure analysis report	1966
19670094077	Acceptance test report on transistors	1966
19670094078	Component part evaluation report on transformers, power, general purpose, unenclosed, 0-3 kc audio frequency	1966
19670094081	X-22a tri-service v/stol aircraft monthly progress report no. 47, 1 - 31 oct. 1966	1966
19670094083	Qualification test report for valve house heater	1966
19670094084	Repeatability and accuracy over temperature of the ratemeters of engineering model no. 2	1966
19670094087	Alternate source qualification	1966
19670094096	Sps pressurent tank	1966
19670094097	Inertial damped motor as used in the gvr-10	1966
19670094100	Lightweight coaxial cable assemblies quarterly progress report, 1 feb. - 30 apr. 1966	1966
19670094102	Two component prepreg roving system for room temperature storage	1966
19670094107	Qualification test of ullage rocket agx2008 initiator/tx307-6 igniter compatibility	1966
19670094112	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/8 watt	1966
19670094113	Surveillance inspection test on electron tube, special purpose, pentode, receiving	1966
19670094114	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/8 watt	1966
19670094115	Comparative analysis of physical properties between crosslinked extruded polyvinylidene flouride /kynar/ and teflon coated wires	1966
19670094118	Materials engineering studies of adhesive systems for bonding of eva antenna	1966
19670094120	Design development tests on s-ivb type pressure switch diaphragms and casings	1966
19670094121	Comparison test program on semiconductor, diodes, zener	1966
19670094122	Surveillance inspection test on semiconductor, diodes, general purpose silicon	1966
19670094123	Surveillance inspection test on semiconductor, diodes, general purpose silicon	1966
19670094126	Qualification test, filter assembly, 5 micron	1966
19670094127	Shaft seal-lock relief valve qualification test dac scn 1a66241-501	1966
19670094128	Liquid oxygen tank relief valve, design development test dac scn 1a49590-501	1966
19670094130	Apollo service module engine - thermal analysis of the engine compartment	1966
19670094132	Component parts evaluation report	1966
19670094134	Confined detonating fuse assemblies	1966
19670094135	Relays, exploratory vibration	1966
19670094137	Saturn s-11 linear shaped charge separation assembly	1966
19670094143	Detailed specification sheet filer, capacitor, fixed, ceramic dielectric feed-thru	1966
19670094144	Shock test, no. 387 type lamps	1966
19670094149	Various seal configurations, design development test	1966
19670094150	Water Glycol Flow Proportioning Valve Controller	1966
19670094151	Apollo main parachute strength 30 series summary report	1966
19670094152	Environmental testing of latching relays	1966
19670094153	Qualification report on semiconductor transistor, field effect, silicon, pnp	1966
19670094154	Surveillance inspection test on resistor, fixed, carbon film, molded, 1/2 watt	1966
19670094155	Surveillance inspection test on resistor, fixed, carbon film, molded, 1/8 watt	1966
19670094156	Chemical milling of 304l stainless steel tubing	1966
19670094157	Test procedure and test report for transducer- pressure, differential reluctance, d.c. output	1966
19670094158	Test report on rotary selector switches	1966
19670094159	Transistor	1966
19670094161	Qualification tests, switch, low pressure, lh2, p1n 7851860-539	1966
19670094163	Line assembly, fill and drain, liquid oxygen	1966
19670094165	Qualification test of thrust chamber jacket purge flexible metal hose	1966
19670094166	Qualification test of the flexible coupling assembly, douglas scn 1a69501-501, a component of the s-ivb forward skirt thermo-conditioning system	1966
19670094168	Qualification test of the 6000 psig manually operated regulator	1966
19670094170	Evaluation of feed-thru ceramic capacitors	1966
19670094171	Vacuum bleeder valve, p/n 1b43958-1	1966
19670094172	Qualification test report for wet primary battery	1966
19670094174	Qualification test report on separable connector joints containing prelubricated wiggins sdl 100 b nut and sleeve	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094176	Phase b-life test-second mission simulation- hydrogen cryogenic storage subsystem	1966
19670094177	Qualification test of the high pressure check valves dac scn 1a66245-1, -501 and -503	1966
19670094179	Engine compartment, gaseous nitrogen conditioning system	1966
19670094180	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19670094183	Surveillance inspection test of electron tube, special purpose, triode, multiple, receiving	1966
19670094187	Qualification of saratoga industries 7735948p2 transformers	1966
19670094192	Saturn s-ii liquid hydrogen tank destruct assembly	1966
19670094193	Transducer, temperature, resistance, cryogenic	1966
19670094194	Mission-life test on unified s-band equipment apollo c and d subsystem	1966
19670094195	Compressor, motor driven	1966
19670094199	Qualification report on capacitor, fixed, film, metalized, hermetically sealed, lead mount, mil-general	1966
19670094200	Qualification report on resistors, fixed, thermal, molded, or dipped, .125 watt technical memorandum, 26 may - 29 sep. 1966	1966
19670094203	Test report for battery, range safety command and telemetry	1966
19670094204	Valve, solenoid, latching	1966
19670094205	Rf transmission line antenna switches	1966
19670094207	Electromagnetic interference testing unified s-band equipment	1966
19670094208	Sensor temperature water-glycol radiator flow valve	1966
19670094210	PCM Telemetry Block II Q2 PCM Telemetering Equipment	1966
19670094212	Engineering evaluation test report on resistor, fixed, wire-wound, 24 may - 29 nov. 1965	1966
19670094215	Hf antenna recovery apollo block 1a	1966
19670094216	Release umbilical and dye marker, electrically activated final report	1966
19670094220	Helium control pressure switch, qualification test	1966
19670094221	Central timing equipment	1966
19670094223	Telemetry equipment apollo block ii	1966
19670094224	Valve, manually operated, 3-position 3-way	1966
19670094225	Central timing equipment block ii	1966
19670094226	Flight qualification recorder	1966
19670094228	S and d reliability preferred parts program for apollo	1966
19670094229	R-4d supplemental qualification test report for the apollo service module reaction control	1966
19670094230	Report of level 1a qualification tests on apollo inverter	1966
19670094236	Qualification tests on resistors, adjustable, wirewound, power, type rx35	1966
19670094237	Qualification tests on tape, electrical, insulating	1966
19670094238	Qualification tests on tape, insulating, electrical, type cf-1	1966
19670094239	Evaluation of a silicon rectifier stud mounted configuration /t. 1. 1n1582/	1966
19670094241	Mechanisms, power transmittal, gear trains, qualification of two speed speed deceser test report, 20 jul. - 27 sep. 1966	1966
19670094254	Qualification and reliability test report on battery, primary, silver-zinc 28 volt	1966
19670094255	Compressor, motor driven	1966
19670094257	Distruct assembly, lh2 tank	1966
19670094260	Mission life - vhf triplexer equipment - apollo c and d subsystem	1966
19670094266	Part application on signal conditioning equipment 683e-1 for the apollo c and d subsystem	1966
19670094267	Pershing vendor qualification test program, texas instruments type sym solid tantalum capacitor	1966
19670094268	Qualification test report for umbilical electrical connectors	1966
19670094269	Re-evaluation of a silicon rectifier in a plastic package /motorola in4003/	1966
19670094271	Surveillance inspection test of semiconductors, diodes, voltage reference, silicon	1966
19670094272	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/4 watt	1966
19670094274	Heater, water-glycol radiator primary circuit	1966
19670094275	Battery, Primary, Silver-Zinc, 28 Volt	1966
19670094279	Surveillance inspection test on resistor, fixed, carbon film, molded, 1/4 watt	1966
19670094283	Dual Tunnel Light	1966
19670094286	Liquid Oxygen Engine Feed Line	1966
19670094287	Type i point sensor system	1966
19670094288	Itt cannon electrical - video umbilical - connectors	1966
19670094289	Triplexer equipment for the apollo subsystem	1966
19670094290	B. H. Hadley Disconnect Valve, Vent, Hydrogen and Oxygen	1966
19670094291	H. f. transceiver equipment	1966
19670094293	Surveillance inspection test of semiconductor, diodes, general purpose, silicon	1966
19670094294	Surveillance inspection test of semiconductor, diode, zener, silicon	1966
19670094295	Surveillance inspection test of semiconductor, diode, zener, silicon	1966
19670094296	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/2 watt	1966
19670094297	Surveillance inspection test of semiconductor, diode, zener, silicon	1966
19670094298	Surveillance inspection test of semiconductor, diodes, general purpose silicon	1966
19670094301	Surveillance inspection test on capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1966
19670094304	Life and environmental test of Potter Brumfield relays	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094305	Qualification test of 6000 psig 3/4 inch solenoid valve. dac scn 1a66602-503	1966
19670094306	Evaluation of cherry point sealant-epoxy system for use in corrosion prevention of aircraft fastener areas	1966
19670094307	Phase A Qualification Test of Hydrogen Fuel Cell Valve Module	1966
19670094308	Adverse effects of cry-oxide sterilizing agent on sprague type 109d capacitors	1966
19670094314	The needs and requirements for a manned space station. volume 8 - orbital operations and logistics	1966
19670094315	The needs and requirements for a manned space station. volume 3 - earth resources	1966
19670094316	The needs and requirements for a manned space station. volume 7 - research and development in advanced technology	1966
19670094317	The needs and requirements for a a manned space station. volume 1 - summary report	1966
19670094318	The needs and requirements for a space station. volume 2 - astronomy	1966
19670094319	The needs and requirements for a manned space station. volume 6 - long term flight	1966
19670094321	The needs and requirements for a manned space station. volume 4 - meteorology	1966
19670094322	Failure analysis of teledyne 421-3005 relays	1966
19670094323	Qualification tests on tape, electrical, insulating. electrical type af	1966
19670094324	Methods used by ontario hydro in testing audio recording tape to w-t-0070/1 and 2	1966
19670094325	Qualification tests on resistors, variable, wirewound, /lead screw actuated/, style rt 11	1966
19670094329	Evaluation tests on transformers, discrimination	1966
19670094331	Supplementary qualification tests on transformers, power, type tf5sx03zz	1966
19670094332	Qualification tests on tape, electrical, insulating. electrical type mf-2.5	1966
19670094333	Qualification test on tape, electrical insulating	1966
19670094334	Evaluation of aerovox corporation, hi-q division, p/nmc70c103ad tubular, ceramic capacitor	1966
19670094344	Report of test on 17-00027 fuse	1966
19670094346	Report of test on 17-00027 fuse	1966
19670094347	High strength copper alloy study	1966
19670094351	Report of Test on James, Pond and Clarke 537T-4D-06 Relief Valve (Partial Qualification)	1966
19670094353	Qualification of units for use on the apollo program final report	1966
19670094354	Test parameters - electrical system slv-3 follow-on	1966
19670094360	Environmental evaluation of radio frequency interference filter	1966
19670094364	Emission characteristics of thermionic cathodes	1966
19670094365	Transient pressure effects on sphere-cone models resulting from shock wave impingement	1966
19670094369	Parameter drift screening test	1966
19670094370	Acceptance test report on fixed resistors	1966
19670094371	Bibliography on masers	1966
19670094374	A multiple shaker ground vibration test system designed for the xb-70a	1966
19670094378	Chatter behavior of heavy machine tools quarterly technical report no. 2, 1 apr. - 30 jun. 1966	1966
19670094380	Parameter drift screening interim report	1966
19670094381	Fabrication techniques for lightweight hyper-environment e-m windows summary report, 1 jun. 1965 - 31 may 1966	1966
19670094385	Life test evaluation of the hoffman 1n4460 and 1n4469 zener diodes	1966
19670094386	Qualification testing of ceramic capacitors	1966
19670094387	Properties of 2219 and 2014 aluminum alloy weldments	1966
19670094388	Environmental testing on speed reducers	1966
19670094389	Detail specification filters, electromagnetic interference suppression general procurement for	1966
19670094392	Relay, armature - 1/6 crystal can dpdt	1966
19670094393	Transistor - high-voltage, pnp	1966
19670094394	Qualification tests on a.c. induction motors	1966
19670094395	Environmental testing of high current silicon diode rectifiers	1966
19670094397	Qualification testing of coiled cords	1966
19670094401	Xb-70a deceleration parachute assembly-packing and installation of	1966
19670094405	Platinum temperature sensors	1966
19670094408	Switch electrical pressure sp 1626675	1966
19670094410	Capacitor - fixed, metalized polycarbonate	1966
19670094412	Centaur payload user's manual	1966
19670094413	Survey of literature pertaining to the equatorial ionosphere and tropical communication	1966
19670094415	Qualification test of lh2 low pressure switch dac scn 7851860-537	1966
19670094416	Helium Control Pressure Switch Vibration Test	1966
19670094417	Auxilliary, motor driven hydraulic pump thermal vacuum test	1966
19670094419	Qualification test of 3/4 inch check valve. dac scn 1a66984-1	1966
19670094424	Vacuum valve and operator design evaluation/ qualification test report	1966
19670094425	Qualification test of lo2 translunar pressure switch. dac scn 1b39201-501	1966
19670094426	Qualification test of lh2 orbital coast vent termination pressure switch dac scn 1b39200- 503	1966
19670094427	Central calibration command decoder assembly unmounted configuration. scn 1a74051-501 /rev. c/	1966
19670094428	Bellows, lox tank, full and drain line, qualification tests	1966
19670094429	Liquid hydrogen chilldown flowmeter. dac scn 1a89104-503	1966
19670094430	Qualification, valve, check lh2 vent purge. dac scn 1b51361-1	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094432	Audio center equipment	1966
19670094434	Apollo waste management system urine dump nozzle heat sink assembly	1966
19670094437	Batters circuit breaker panel assembly	1966
19670094439	Qualification test of lo2 orbital coast vent termination switch dac scn 1b39199-503 technical report, 19 mar. - 27 may 1966	1966
19670094440	Qualification test of helium control metal hose assembly dac scn 1a48850-1 and -507	1966
19670094442	Comparison test program on semiconductor, transistors, general purpose, silicon, npn	1966
19670094445	Fabrication approval of end-cap and lead on mepco rn60 //// f, rn65 //// f and rn70 //// f resistors	1966
19670094446	Lunar excursion module zener diode part number 34482-2 final test report	1966
19670094449	Hf transceiver equipment environmental tests s/n 026728080006	1966
19670094450	Semiconductor, diode bridge rectifier, quality conformance tests	1966
19670094451	Determination of product compliance with the requirements of 100 percent power burn-in	1966
19670094459	Millimetre wave maser study. maser materials and techniques final report	1966
19670094460	Evaluation of tantalum wet slug, polarized capacitors type 69f900	1966
19670094461	Pt4-58, fixed, wirewound, power resistors, dale electronics ns-2c-5 type - 2029 program	1966
19670094462	Engineering evaluation report - pt4-56 and pt4-57 wirewound resistors - dale electronics nh-10 and nh-25 type - 2029 program	1966
19670094468	Comparison test program of capacitor, fixed, film, metalized, hermetically sealed, lead mount	1966
19670094469	Strength of swaged collar fasteners installed with sealant final report	1966
19670094471	Summary report of phase iv pbps stress corrosion program - monomethylhydrazine gas evolution tests	1966
19670094473	Surveillance inspection test on capacitor, fixed, ceramic, molded, lead mount	1966
19670094474	Comparison test program on resistor, fixed, wirewound, power, dipped, 1.0 watt	1966
19670094480	Transistor	1966
19670094481	Transistor - high frequency power	1966
19670094489	Comparison test program on capacitor, fixed, tantalum, solid hermetically sealed, lead mount	1966
19670094490	Qualification test report on transistors	1966
19670094493	Methods used by ontario hydro in testing quartz crystals to mil-c-3098d	1966
19670094494	Qualification test of 300 psig nitrogen tetroxide vapor check valve dac scn ia79530- 505	1966
19670094496	Electromagnetic interference tests on synchronizer inverter phase	1966
19670094497	Comparison test program on resistor, fixed, wirewound, power, molded or dipped, 1.0 watt	1966
19670094499	Comparison test program on capacitor, fixed, tantalum, solid hermetically sealed, lead mount	1966
19670094504	Qualification test report for power amplifier, fm transmitter - douglas specification control number 1a77080-1, - 501	1966
19670094506	Arc-image welding	1966
19670094508	Qualification test report on cannon electric inc. connector series kpt	1966
19670094509	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670094510	Comparison test program on resistor, fixed, wirewound, power, dipped, 2.5 watts	1966
19670094515	Qualification test report - valve solenoid latching	1966
19670094517	Qualification test report on diodes	1966
19670094518	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped, 1/8 watt	1966
19670094519	Acceptance test report on fixed resistors	1966
19670094520	Comparison test program on semiconductors, transistors, general purpose, silicon pnp	1966
19670094522	Ministick packaging - a further aid to satellite reliability	1966
19670094531	Flight qualification recorder	1966
19670094533	Resistor, fixed, film - load element	1966
19670094540	Transistor - npn	1966
19670094541	Pump, sea water, manually operated final specification	1966
19670094544	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670094549	Report of Qualification Tests on Synchronizer, Inverter Phase	1966
19670094560	Qualification test report on fixed capacitors	1966
19670094561	Chemical milling - titanium alloy /ti-6al-4v/	1966
19670094562	Reliability and maintainability test report for test set, electronic altimeter set an/apm- 232 technical report, 22 aug. - 3 nov. 1966	1966
19670094563	Qualification test report for liquid hydrogen low pressure switch dac-scn 7851860-541	1966
19670094564	Qualification test report of aft skirt electrical connector	1966
19670094565	In943a zener diode qualification test final report	1966
19670094566	Surveillance inspection test on semiconductors, transistors, general purpose, silicon, npn	1966
19670094567	Apollo service module engine propellant lines	1966
19670094568	Liquid hydrogen engine feed line - type i	1966
19670094569	Comparison test program on capacitor, fixed, ceramic, molded, lead mount, mil-general	1966
19670094572	Adhesion quality of various encapsulants to alodine coated aluminum surfaces	1966
19670094575	Qualification of units for use on the apollo program on transformer, power, general purpose, enclosed, 3-30 kc, audio frequency final report 18 may 1965 - 7 jan. 1966	1966
19670094578	Qualification test of the engine gimbal plane hydraulic hose assemblies	1966
19670094579	Evaluation of texas instruments fixed film resistor 7735276p1000	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094582	Surveillance inspection test on electron tube, special purpose, diode, multiple vr.	1966
19670094583	Qualification test report on capacitors	1966
19670094584	Qualification test report on diodes	1966
19670094587	Surveillance inspection test on capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1966
19670094588	Surveillance inspection test of resistor, fixed, wirewound, power, dipped, 2 watts	1966
19670094589	Surveillance inspection test on resistor, fixed, metal film, precision, dipped, 1/2 watt	1966
19670094590	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/2 watt	1966
19670094598	Orbital launch operation	1966
19670094599	Qualification tests on batteries, dry, type ba-405/u	1966
19670094600	Qualification Test of the Low Pressure Vent Relief Valve Douglas SCN 1A86746-1	1966
19670094601	Charge, explosive train	1966
19670094602	Chemical milling of titanium alloy, 6 aluminum, 4 vanadium	1966
19670094604	Meters, indicating, electrical indicator, event, electromechanical	1966
19670094605	Pcm telemetry equipment for apollo c and d subsystem	1966
19670094606	Thermodynamics flight test data reduction for the model xb-70a air vehicle no. 2, flight no. 13	1966
19670094607	Switch, power transfer, motorized	1966
19670094608	Qualification testing on 5 point calibration	1966
19670094609	Qualification test of 6 rate gyros as manufactured by raytheon co., motorola part no. 59-28359f01, bureau of ordnance part no. 2309742	1966
19670094615	Qualification report on semiconductor, transistor, power, silicon, npn	1966
19670094617	Positive pressure system hand valve ordnance p/n 10414087	1966
19670094618	Pulse transformer, ibm p/n 6082528 - environmental tests	1966
19670094621	Surveillance inspection test on resistor, fixed, carbon film, molded 1/4 watt	1966
19670094624	7141 digital voltmeter	1966
19670094626	Qualification tests on tape, electrical, insulating. electrical type ef	1966
19670094627	Long term storage test at plus 95 deg. c of 120 rf coils from delevan and jeffers motorola no. 24-14198a	1966
19670094628	Qualification test of potentiometer type pressure transducers dac scn 1a72913- 543 technical memorandum, 10 apr. - 30 jul. 1965	1966
19670094631	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670094633	Comparison test program of semiconductors, diodes, zener, silicon	1966
19670094638	Propellant utilization system. slv-3 follow-on test parameters. 69-00710	1966
19670094639	An experimental investigation of response of unstiffened cylinders to noise	1966
19670094640	Resistance seam welding titanium corrugated panel -c-141 engine exhaust cone	1966
19670094643	Evaluation tests on miniature card operated relays type lb0060d00	1966
19670094645	Reliability verification test procedure to verify buweps/p/n 1960922-05s008 through 05s023	1966
19670094646	Qualification tests on tape, electrical, insulating	1966
19670094647	Qualification tests on tape, electrical, insulating	1966
19670094651	Surveillance inspection test of semiconductors, diodes, rectifier, silicon	1966
19670094655	Apollo beacon antenna	1966
19670094656	Switch antenna	1966
19670094658	Outer fecal emesis bag	1966
19670094659	Electra scientific corporation es-6850-1 vibration measurement system	1966
19670094660	Model 6c86 on universal counter, electronic, frequency	1966
19670094665	Development test report mccormick self, pyrogen, initiator p/n 805461	1966
19670094666	Environmental tests for 960c-1 premodulation processor equipment	1966
19670094667	Radar -a10430 hose assembly apollo dual passage umbilical	1966
19670094668	Ultimate Stress Test Report for Rantec Model Mt-323 Vhf Triplexer	1966
19670094669	Mission life tests - hf transceiver equipment s/n 026728080007 qualification test report, 15 jul. - 23 sep. 1966	1966
19670094670	Cartridge assembly, electrically initiated, pressure, hotwire, me453-0005, type vi	1966
19670094672	Qualification test, switch, pressure, high performance dac scn 1b52624-509	1966
19670094673	Filter qualification test dac scn 1a90344- 43 technical memo, mar. - may 1966	1966
19670094674	Saturn s-ii liquid hydrogen tank distruct assembly	1966
19670094675	Meters, indicating, electrical	1966
19670094677	Emc qualification test of absolute pressure transducer. dac scn 1b38508-1	1966
19670094678	Qualification tests on tape, electrical, insulating, electrical type mf-2.5	1966
19670094679	Qualification tests on tape, electrical, insulating, electrical type cf-1	1966
19670094680	Automatic module test station project report	1966
19670094681	Qualification tests on resistors, fixed, composition, type rc32	1966
19670094682	Qualification test of engine pump purge regulator pressure switch. dac scn 1a67002- 509	1966
19670094683	Qualification tests on batteries, dry, type ba-1400/u	1966
19670094685	Valve - check, spring loaded	1966
19670094687	Accelerated storage test and resistance- temperature coefficient measurements of 60 fixed film resistors as supplied by dale, electra, irc and ti	1966
19670094689	Evaluative test of 28 fixed metal-glaze resistors as supplied by irc	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094690	Electron tube - klystron, paramp pump	1966
19670094694	Preliminary Program Definition, Phase B, Nerva 2 Ground Test Module Phase C Work Statement, Volume 2 Final Study Report	1966
19670094696	Preliminary Program Definition, Phase B, Nerva 2 Ground Test Module, Volume 1 Final Study Report	1966
19670094698	Environmental tests on calorimeters	1966
19670094700	Main parachute disconnect assembly	1966
19670094701	Power distribution box assembly	1966
19670094702	Ultimate stress tests, pressure transmitter	1966
19670094703	Ilt cannon kpt-interfacial seal type hemetic jam nut and flange mounting connectors	1966
19670094704	Drogue parachute system nvp/n r7620-5	1966
19670094705	Type av1-122a apollo static inverter me 495- 0001-0004, p/n 976j425-v/t	1966
19670094706	Power factor correction box assembly	1966
19670094708	Qualification test of the 2 inch duct resilient mounts dac scn 1a49962-1, 501, 503, 507, and 509	1966
19670094709	Qualification test of potentiometer type pressure transducers dac scn 1a72013-561	1966
19670094710	Failure analysis of tixd25 diode flat packages	1966
19670094712	Qualification tests on tape, electrical, insulating	1966
19670094714	Inverters for motors, study program progress letter no. 4, oct. 10 - nov. 10, 1966	1966
19670094717	Inverters for motors, study program progress letter no. 3, sep. 10 - oct. 10, 1966	1966
19670094718	Valve, solenoid, recirculation system, actuation	1966
19670094719	Uprighting bag canisters for apollo command module uprighting system	1966
19670094721	Indicator, event, hermetically sealed, final specification	1966
19670094723	Honeycomb sandwich structure study for sst airframe application final report, feb. 1965 - feb. 1966	1966
19670094724	Sandals, weightless restraint	1966
19670094726	Environmental tests for c-band transponder equipment	1966
19670094727	New reactions of metal carbonyls and related compounds final report, 1 jul. 1965 - 30 jun. 1966	1966
19670094728	Connector, electrical, high density, subminiature	1966
19670094732	Valve, solenoid, helium pressurization	1966
19670094733	Cold helium check valve vibration tests dac scn 1b65673-1	1966
19670094735	Pressure relief air valve	1966
19670094737	Mission environment main parachute system	1966
19670094738	Valve regulator-relief, recirculation system	1966
19670094739	Transformers environmental	1966
19670094742	Qualification test report. inline filter	1966
19670094744	Del 10kv power supply evaluation	1966
19670094745	Experimental inter-american meteorological rocket network quarter report, jan. - mar. 1966	1966
19670094746	Tnc hermetic connectors	1966
19670094748	The combustibility of materials in oxygen- helium and oxygen-nitrogen atmospheres	1966
19670094750	Titanium program phase i - literature survey of welding procedures final report	1966
19670094753	Qualification tests on batteries, dry, type ba-1010/u,	1966
19670094754	Qualification tests on resistors, adjustable wirewound, power, type rx47	1966
19670094755	Preliminary performance report of the rosemont engineering company, model 910a variable temperature oil bath	1966
19670094760	Partial reassurance tests of 6 varian rf converters, motorola no. 65-28731f01 final report	1966
19670094762	Evaluation test of 11 variable wirewound resistors, motorola no. 218-42207 /buord 2155849/ as supplied by clarostat, maurey, spectrol and waters	1966
19670094764	Shut off valve chilldown system qualification tests. dac scn 1a49965-505	1966
19670094765	Test report for apollo service module reaction control system engine	1966
19670094766	Wire, hook-up, dying of pvc insulation	1966
19670094768	Evaluation test of allen-bradley rc05 style resistors	1966
19670094772	Qualification of dc, pm motors	1966
19670094773	Crew compartment/cabin atmosphere control criteria	1966
19670094776	Tabulated data for secondary flow field and nozzle geometry interactions on base drag	1966
19670094778	Qualification test report - hydraulic research and mfg. co., p/n 251980	1966
19670094779	Environmental testing of clutch roller assembly	1966
19670094781	Qualification test of 6000 psig, 1/4 inch 10 micron helium filter dac scn 1a79524-503	1966
19670094785	Supersonic transport impact on the commercial airplane market addendum 1 to study no. 5	1966
19670094786	Qualification test report for bussed contact electrical plugs	1966
19670094788	Evaluation tests on transformer, power, 400 hertz	1966
19670094789	Qualification test report on barometric pressure indicator	1966
19670094792	Accelerometer indicator, qualification test report	1966
19670094795	Indicator, accelerometer final specification	1966
19670094796	Lh2 recirculation system lines reliability test report	1966
19670094797	Terminal strength tests on mepco fe series resistors	1966
19670094798	Evaluation of nytronics r. f. coils ge dwg. no. 7728459p1	1966
19670094799	Evaluation of torotel inc. reactors 66d01090p4-5-9-10	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094800	Evaluation tests on transformers, audio	1966
19670094801	Evaluation tests on circuit breakers, thermal type	1966
19670094802	Qualification test for piezoelectric vibration transducers. dac scn 1a88852-1 and -501	1966
19670094805	Ray theory analysis of lens-corrected e-plane horns	1966
19670094807	Tests of structural components sst phase ii. volume i	1966
19670094813	Qualification of units for use on the apollo program - motors and motor generators, small fractional hp, permanent magnet, 1-30 final report	1966
19670094816	Qualification tests on flux, soldering, liquid	1966
19670094823	Environmental test of urethane potting compounds	1966
19670094824	624a ignition system /rp-2/ reliability test series	1966
19670094828	Solenoid, electrical push-type	1966
19670094835	A monte carlo gamma exposure rate computation model for nuclear weapons effects studies	1966
19670094836	Effects of surface treatment, material and proportions on friction and seizure of plain journal bearings	1966
19670094839	Ceramic radomes, fabrication and testing	1966
19670094841	Minuteman ws-133b ground integration test program. conducted interference measurements, volume i test evaluation report, 16 mar. - 20 may 1966	1966
19670094844	Qualification test for pressure transducer, absolute dac scn 1b39293-1	1966
19670094845	Hydraulic Check Valve: Qualification Test DAC SCN 1A66245-503	1966
19670094846	Qualification of units for use on the apollo program, transformers, power general purpose, hermetically sealed, 0-3 kc audio frequency. final report, 25 jun. - 10 sep. 1965	1966
19670094847	Qualification test, relief valve 3/4 inch, 10 psig, scd 1b51360-527	1966
19670094849	Pcm telemetry equipment block ii	1966
19670094850	Research program to develop a technology improvement program for closed die forging progress report, may 1966	1966
19670094856	Qualification test report on bendix corporation connector series jt-p	1966
19670094858	Environmental qualification of r.f. interonics r.f.i. filter r.f.2084, ibm p/n 6082530	1966
19670094861	Environmental testing of potter and brumfield relays	1966
19670094862	Terrain analysis and related studies of southeast asia. appendix iii - photographic supplement	1966
19670094864	Injector corrosion by solvent mixtures	1966
19670094867	Qualification test on tape, electrical, insulating	1966
19670094870	Evaluation tests on batteries, dry, type ba-30	1966
19670094873	Terminal strength test on resistors, fixed, metal film, power /mil-r-10509/ molded or dipped 125-.25 watt	1966
19670094874	Test results "gulton" mf-102	1966
19670094878	The xb-70 legacy of safety for future supersonic transports	1966
19670094879	Application of the stiffness method to the analysis of shell structures	1966
19670094882	Apollo guidance and navigation	1966
19670094889	Life test evaluation of valpey-fisher crystal	1966
19670094891	Qualification test of the gas check valve vickers p/n 612889	1966
19670094898	Main parachute system	1966
19670094899	Hartman relay, p/n 14ae, life test	1966
19670094901	Reliability test of saturn s-ib stage e electrical system cables	1966
19670094902	Component parts evaluation report on semiconductor, transistor, oscillator silicon, npn	1966
19670094903	Evaluation and analysis of analog data gate for signal acquisition remote commutator of the c-5a madar subsystem final report	1966
19670094905	Orbiting solar observatory-e1 /oso-e1/ spacecraft handling plan	1966
19670094907	Evaluation of state-of-the-art capacitors to vendor's published literature	1966
19670094916	Surveillance inspection test on simiconductors, diodes, general purpose silicon	1966
19670094917	Qualification of IRC fixed composition resistor rc07gf	1966
19670094918	Surveillance inspection test on semiconductors, transistors, power silicon, npn	1966
19670094919	Qualification testing of dwaft connectors	1966
19670094921	Qualification tests on batteries, dry type ba-1390/u	1966
19670094922	Production engineering measure for silicon overlay transistors final engineering report, 1 jan. 1965 - 30 jun. 1966	1966
19670094923	Surveillance inspection test of semiconductors, transistors, power, silicon npn	1966
19670094925	Failure analysis of semiconductors from ssb/n/ 608 surveillance program	1966
19670094935	Evaluation tests on thermostats manufacturer's type 28006	1966
19670094937	Corrosion resistance of chromate conversion coatings on aluminum alloys	1966
19670094949	Bulletin of the radio and electrical engineering division, volume 16	1966
19670094950	Remote control of model ships	1966
19670094951	Automatic data recording for luminescence spectra measurement	1966
19670094952	Trajectory of the fireball of april 25, 1966	1966
19670094953	Infrared airglow and auroral emissions	1966
19670094954	Receivers for radio astronomy	1966
19670094955	X-band polarization rotator for the 46-meter antenna at the algonquin radio observatory	1966
19670094956	Microwave heating for industrial purposes	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094957	Assessment of nerve and muscle in replanted limbs	1966
19670094958	Ionization by multiple electron impact	1966
19670094963	Environmental testing of potter and brumfield relays p/n fl4068, ibm p/n 6082078	1966
19670094964	Study of saturn v with 4 156 inch diameter solid propellant motors, volume ii	1966
19670094971	Comparison test program of capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670094972	Report of test on 08-00481-000 filter	1966
19670094973	Pcm telemetry equipment block ii	1966
19670094976	Evaluation of rcl electronics type t2c wirewound resistors	1966
19670094978	Avco/msd environmental laboratory, general calibration and preparation procedures	1966
19670094979	Qualification Test Report on Deutsch Company Connector Series BTK	1966
19670094980	Saturn S-II Umbilical Disconnect SLTR 80-7A, A7-41 Carrier Plate. A7-64 Liquid Hydrogen Disconnect and A7-65 Liquid Oxygen Disconnect	1966
19670094982	Transistor, npn, silicon, darlington	1966
19670094987	Surveillance inspection test of electron tube, special purpose, pentode, receiving	1966
19670094989	Environmental information systems - new aids for decision making	1966
19670094993	Inverters for Motors, Study Program	1966
19670094994	Surveillance inspection test on electron tube, special purpose, triode, multiple, receiving	1966
19670094998	Surveillance inspection test on capacitor, fixed, glass, molded, lead mount	1966
19670095000	Qualification test report on diodes	1966
19670095004	Qualification report of cartridge 10211146 to specification mis 15072 amicon drawing 10211146	1966
19670095005	Evaluation tests on batteries storage lead-acid, type bb-248/u	1966
19670095006	Comparison test program on resistor, fixed, wirewound, power, molded or dipped, 2.5 watts	1966
19670095007	Comparison test program on semiconductors, transistors, general purpose, silicon, pnp	1966
19670095011	Qualification report on capacitor, fixed, ceramic, feed-through, non-metallic case, chassis mount, mil-general	1966
19670095013	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670095021	Qualification test on batteries, dry type ba-1312/u	1966
19670095022	Qualification test report on fixed capacitors	1966
19670095023	Qualification test of differential pressure switch	1966
19670095024	Evaluation tests on resistors variable thin-film /myst r/, type map 1/2	1966
19670095025	Evaluation tests on amplifier operational, differential	1966
19670095027	Evaluation test on capacitors, fixed, paper dielectric, metalized, type ch04	1966
19670095028	Motor - tac - generator	1966
19670095032	Failure analysis report	1966
19670095035	Confidence test of the rn-60 resistors	1966
19670095036	Qualification test report monomethylhydrazine/ vapor pressure switch dac scn 1b50281-1	1966
19670095038	Environmental evaluation of sprague jn - 17-3044b rfi filter	1966
19670095040	Type ic primary battery /eagle-picher/ test series summary report, 15 oct. 1964 - 16 jan. 1965	1966
19670095041	Report of test on triad transformer corp. transformer to-27215	1966
19670095042	Vibration cleaning of spacecraft fluid components	1966
19670095043	Transducer-pressure absolute potentiometer type-low pressure	1966
19670095047	Timer, mechanical type ii class ii s/n 10098tmr0007	1966
19670095048	Qualification Test Report for Lo2 Low Pressure Switch DAC SCN 7851847-523	1966
19670095051	4-way valve, waterman, asd p/n 542709	1966
19670095052	Ilt cannon electric cv patchboard connector	1966
19670095053	Pilot parachute system nv p/n r7640-17	1966
19670095054	Comparison test program of capacitor, fixed, tantalum, wet, hermetically sealed, lead mount	1966
19670095057	Effect of surface finishes on dimpling 7178-t6 aluminum alloy	1966
19670095059	Surveillance inspection test on resistors, fixed carbon film, molded, 1/2 watt	1966
19670095063	Qualification tests on battery dry type ba-349/u	1966
19670095065	Transistor-silicon, npn, power	1966
19670095066	High pressure transmitter qualification test report	1966
19670095070	Semiconductor device, diode - controlled recovery	1966
19670095075	1/2 in. nitrogen tetroxide vapor check valve scn 1a79530-501	1966
19670095076	Low pressure relief valve vibration test. dac scn 1a66243-503 and -505	1966
19670095080	Static discharge problems and candidate solutions status report	1966
19670095085	Surveillance inspection test of electron tube, special purpose, triode, multiple, receiving	1966
19670095086	Evaluation of soldering techniques on printed circuit boards	1966
19670095087	Mission sequence test hf transceiver equipment development test report, 7 mar. - 7 apr. 1966	1966
19670095091	Miniature Double Throw Relay	1966
19670095092	Adhesion of ec 1663 potting compound to teflon insulated wire	1966
19670095093	Tnc hermetic connectors	1966
19670095096	Experimental verification of theory of damping of a simple structure by distributed tuned dampers summary report, apr. - may 1965	1966
19670095127	Ssr-102 photocathode refrigerator final technical report, apr. 1965 - jan. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095128	Cryogenic vibration isolator design development tests	1966
19670095130	Effect of surface roughness on the reflectance of refractory metals technical report, 1 may 1965 - 1 may 1966	1966
19670095131	Transformers, environmental	1966
19670095134	Report of test on 09-00211-000 reactor-choke	1966
19670095135	Vibration qualification testing of bnc radio frequency connector final report	1966
19670095136	Evaluation tests on relays type 411-26	1966
19670095142	Flight control analysis technical report, 15 nov. 1965 - 15 mar. 1966	1966
19670095160	Space type rack and panel connector evaluation	1966
19670095165	Failure analysis of fractured chips in cd-5310 series integrated circuits	1966
19670095167	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19670095172	Additional qualification test of james, pond and clarke relief valve, 537t-4d-28	1966
19670095187	Mission sequence number 1 - pcm telemetry equipment s/n 071208040006	1966
19670095190	Macrolaminate particle material development interim report, dec. 1, 1965 - feb. 1, 1966	1966
19670095192	Quality maintenance test on check valves	1966
19670095209	Qualification report on capacitor, fixed, tantalum, solid hermetically sealed, lead mount	1966
19670095211	C-1 program weekly status report, 22 - 28 sep. 1966	1966
19670095214	Statics and stability of thin-walled elastic beams. part ii - solution of equations technical report, jun. 1964 - feb. 1965	1966
19670095215	Qualification test report for lh2-lo2 tank safety pressure switch. dac scn la67010-501	1966
19670095218	Environmental test - capacitor fixed, solid tantalum, non-polar. non-hermetically sealed	1966
19670095220	Size ii synchro control transformer	1966
19670095224	The radioactivities in the mass number 90 region	1966
19670095227	Qualification test results on m&q plastic products, inc., product "qmc film"	1966
19670095236	Pershing qualification test report for device, fixed capacitor	1966
19670095237	A thermodynamic analysis of high energy synthetic foods	1966
19670095238	Evaluation tests on koldweld crystals, type cr-85/u	1966
19670095239	Qualification tests on tape, electrical, insulating, pressure-sensitive	1966
19670095240	Qualification tests on tape, electrical, insulating, pressure-sensitive	1966
19670095241	Qualification tests on tape, electrical, insulating, pressure-sensitive	1966
19670095242	Evaluation test of 70 vitramon type vk23, 33 ceramic capacitors	1966
19670095246	Tests on hf tranceiver equipment, transceivers, receivers and transmitters - radio and communication, airborne, 3-30mc, hv, 10-100 watts	1966
19670095248	Range safety system. slv-3 follow on test parameters 69-00709, book no. i	1966
19670095250	Transistor - power, silicon, pnp	1966
19670095255	Development of plastic-ceramic compositions for tooling applications	1966
19670095256	Meters, electrical indicating, panel type, ruggedized, type designation mr36s114specr	1966
19670095257	Meters, electrical indicating, panel type, ruggedized, type designation mr36f5h5dcuar	1966
19670095260	Relays, environmental - p/n fl 4051	1966
19670095265	Study of some hand-computing techniques to determine the approximate short period mode from airplane responses	1966
19670095269	Connector, electrical cyrogenic type 1	1966
19670095277	Pershing component parts qualification test program. potter and brumfield, inc. relay	1966
19670095278	Evaluation tests on connectors, electrical power, blade type	1966
19670095279	Size 11 synchro control transformer	1966
19670095280	Cryogenic storage subsystem oxygen vac-ion pump assembly	1966
19670095283	Oxygen electrical connector plug	1966
19670095284	Qualification test report for delay line	1966
19670095286	Evaluative tests of 19 wells electronics, inc., axial - lead rf coils	1966
19670095289	Methods used by ontario hydro in testing radio frequency cables to mil-c-17d	1966
19670095290	Development tests for model 115 missile concept modules	1966
19670095292	Evaluation of dalic anodizing	1966
19670095294	Report of test on 08-00495-000 filter	1966
19670095296	Sealing with silicone compound	1966
19670095305	Qualification test report fo lo2 tank loading pressure switch. dac scn 1a67011-501	1966
19670095306	Flight combustion stability monitors	1966
19670095313	Qualification test, solenoid valve, 1/4 inch, 6000 psig, dac scn 1a69815-519	1966
19670095319	Environmental tests on pressure transducers	1966
19670095320	Comparison test program	1966
19670095321	Evaluation of a malco solder dipped posts wire wrap module	1966
19670095322	Time delay relay	1966
19670095323	Pershing component parts qualification program, dearborn electronics inc. type mvif	1966
19670095327	Simulation of main file storage allocation in a military a. d. p. system	1966
19670095328	Size 10 motor generator	1966
19670095330	Qualification test, air tank assembly, dac scn 1b55408	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095332	Directional coupler	1966
19670095333	Qualification test of the plunger-actuated switch dac scn 1a 96985-1 report, jul. 1964- apr. 1965	1966
19670095334	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1966
19670095349	Cabling life test	1966
19670095353	Evaluation of erie resistor of canada limited filter	1966
19670095356	Guidance system slv-3 follow-on test parameters 69-00706. book no. 1 -1	1966
19670095359	Qualification Test Report on Deutsch Company Connector Series DBA	1966
19670095365	Lunar and meteoroid physics research at msfc	1966
19670095379	Lance pulse and power battery assemblies test report, 24 sep. - 29 oct. 1965	1966
19670095390	Sequential independent model block analytical triangulation /simbat/, appendix b, volume i - program operation	1966
19670095394	Macrolaminate particle material development interim report, 1 feb. - 1 apr. 1966	1966
19670095395	A systems analysis of short haul air transportation in the northeast corridor	1966
19670095397	The stress-corrosion and accelerated crack-propagation behavior of titanium and titanium alloys	1966
19670095403	Functional and environmental tests of two pacific scientific acceleration switches	1966
19670095405	Omega navigational system an/fra-31 transmitter spectrum signature measurements at forestport, new york final report	1966
19670095409	Environmental testing of rotron fans	1966
19670095413	Instrumentation equipment specification thermocouple, fixed-immersion, enclosed- junction, chromel-alumel	1966
19670095417	Environmental design feasibility test plan for rfi filters	1966
19670095419	Study by electron microscope of changes induced in hela cells by daunomycin	1966
19670095420	Report of test on pump assembly hydraulic, variable delivery	1966
19670095421	Water-glycol radiator flow valve temperature sensor p/n 401-07700	1966
19670095423	Land combat support system. multisystem test equipment quarterly interim report, 1 jan. - 31 mar. 1966	1966
19670095428	Nut, explosive, frangible, electrically initiated	1966
19670095433	Transistor - silicon, pnp, switching	1966
19670095435	A study of storage and retrieval techniques for navy logistics	1966
19670095436	Qualification test of fuel tank vent external bellows dac scn 1a49981-1	1966
19670095437	Design of digital memories that tolerate all classes of defects technical report, jan. 1965 - apr. 1966	1966
19670095440	Mission-life tests for 60c-1 pre-modulation processor equipment, volume 2	1966
19670095441	Explosive collapse of spherical shell	1966
19670095442	Apollo guidance computer, quarterly program review	1966
19670095443	Verification tests of electromagnetic interference, 1250 va inverter	1966
19670095444	Qualification tests on itt cannon cv-tbfh, bulkhead feedthru power connectors	1966
19670095448	Effects of heat sterilization on capacitors	1966
19670095449	Qualification test report for low pressure switch dac scn 7851847-533	1966
19670095451	Lightweight, low cost reflector techniques interim technical report, jun. 1965 - jan. 1966	1966
19670095454	Spectrum signature measurements on oblique atmospheric sounders an/fpt-11 /xn-1/ and granger associate model 904a, part 1 final report	1966
19670095456	Effect of reverse voltage on wet sintered anode tantalum capacitors	1966
19670095458	Qualification Test Report for Wet Primary Battery DAC SCN 1A83471-501	1966
19670095460	Qualification test of liquid hydrogen low pressure switch dac scn 7851860-541 technical memo, 12 feb. - 27 apr. 1966	1966
19670095461	Evaluative test of 6 hisonic audio frequency reactors, motorola no. 25-28346f /buord drawing no. 2309734/	1966
19670095462	The variational technique for optical mode scattering in semiconductors	1966
19670095464	Compressor Motor Driven	1966
19670095468	Qualification tests on tape, electrical, insulating	1966
19670095469	Development of coatings for protection of dispersion strengthened nickel from oxidation. part i - oxidation studies, coating development and coating analysis technical report, 1 jul. 1964 - 31 dec. 1965	1966
19670095474	Qualification test of power transformer, 400 cps shielded, single phase, 117 va. 120/42.5ct 38 38 - 19 volts. dac scn ia89642-1	1966
19670095475	Qualification test report for lo2 tank flight pressure control and pre-pressure switch dac scn 1a67013-501	1966
19670095477	Qualification test of oxidizer tank relief valve dac scn 1a49590-507	1966
19670095478	Apollo Service Module Engine Bipropellant Valve	1966
19670095479	Valve house heater	1966
19670095482	Oxygen fill disconnect	1966
19670095486	Sound pressure level transducers, vibration and shock tests dac scn 1a68708-1 and -505	1966
19670095490	Transformer life	1966
19670095496	Cx-video connectors for apollo	1966
19670095499	Research on vorticity in superfluid helium final report	1966
19670095502	Quality Maintenance Test on Check Valves	1966
19670095507	Report on Test on Triad Transformer Corp. Transformer TO-27215	1966
19670095508	Qualification test of collins radio company hsd o50-2 inductor	1966
19670095511	Chamber hydroburst test results first stage polaris model a3 chamber	1966
19670095520	Relativistic electron beam penetrating a longitudinally, inhomogeneous, temperate plasma	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095521	Qualification test of collins radio company hsd-050-27	1966
19670095522	Qualification test of nuclear products co. relief valves 4can-6-n	1966
19670095526	Premodulation processor equipment	1966
19670095528	Second mission sequence test for pcm telemetry equipment	1966
19670095529	Centrifugal fan ac, mcs, ind.	1966
19670095530	Helium disconnect valves	1966
19670095531	Regulated dc, low level, solid state power supply	1966
19670095533	Filter, em 1 suppression qualification test	1966
19670095535	Pump, auxiliary motor, hydraulic, variable delivery	1966
19670095536	Component failure mode test report for radio command guidance safety destruct receiver	1966
19670095539	Qualification test of 3/4 inch dome loaded, regulator dac scn 1a66985-509	1966
19670095545	Meters, indicating, electrical	1966
19670095546	Antenna equipment, s-band flush mounted, omni	1966
19670095551	In plant engineering test program engineering development laboratory/performance test /edl-pt/ report volume iii 1337m distribution box final test report	1966
19670095560	Vibration measurement system	1966
19670095567	Acceptance test report on fixed resistors	1966
19670095568	Model 1000 counter timer	1966
19670095570	Connector, video coaxial	1966
19670095573	Research on a non-destructive fluid storage control device quarterly progress report	1966
19670095574	Solar simulation research	1966
19670095576	Application of cost-effectiveness to the selection of proposed tester alternatives	1966
19670095577	Component evaluation report on light, indicator	1966
19670095580	Radiation of compressor noise from an sst scale model inlet	1966
19670095581	A least squares gradient method for solving boundary-value and optimization problems	1966
19670095585	Engineering evaluation test report on resistor, variable, linear, precision	1966
19670095589	Solid state techniques quarterly progress report, 1 apr. - 1 jul. 1966	1966
19670095590	Problems and progress in processing geographic data	1966
19670095594	Splitter effect in conical diffusers. part ii - optimum design procedure, experimental phase, incompressible flow	1966
19670095599	Evaluation of desealants for multiple sealant systems	1966
19670095600	High performance aircraft windshield development program technical report, 1 jul. 1962 - 15 jan. 1966	1966
19670095601	Synthesis of average-power wake maps	1966
19670095606	An analysis of a machine-aided translation system	1966
19670095610	Cti mechanically initiated line cutter	1966
19670095611	A survey of scientific literature and information activities in india /r and d/ and abroad /global studies in growth pattern/	1966
19670095619	Studies of Thermionic Materials for Space Power Applications Monthly Report, 1 Mar. - 31 Mar. 1966	1966
19670095621	F-4j airplane demonstration planning and progress report	1966
19670095622	Gemini Xi Gemini Program Mission Report	1966
19670095633	Scout s-147c final flight report	1966
19670095638	Operations research symposium /5th/ part iii - /general session/, 29-30 mar. 1966	1966
19670095639	Qualification test of nytronics wee-150 inductors	1966
19670095640	Modification of a u. s. navy cooling turbine to incorporate air-lubricated bearings final report	1966
19670095644	Comparative photointerpretation from panchromatic, color, and ektachrome ir photography	1966
19670095647	Engineering evaluation test report on electron tube, direct view, storage	1966
19670095648	Integrated circuit amplifier feasibility study	1966
19670095655	Design of a data transmission system for use over sea water	1966
19670095657	Radiant characteristics of flares /fireworks/ in the 2-5 micron region	1966
19670095661	Engineering evaluation test report on electron tube, direct view, storage	1966
19670095662	Instructions for preparation of specification data cards for component parts testing data reduction system	1966
19670095669	Capacitors, fixed, ceramic dielectric tubular case, axial lead, /general purpose/	1966
19670095671	Saturn v launch vehicle guidance and navigation equations, sa-503	1966
19670095674	Filtercon, rf1 p/n 1201-053, erie technological products, inc. - qualification	1966
19670095675	Evaluation of aerovox corporation, hi-q division, p/n mc205c104ak tubular, ceramic capacitor	1966
19670095676	The relationship between plastic deformation and fracture in alpha titanium	1966
19670095683	Qualification report of switch assembly 10210586 to specification mis 15024 and amicom drawing 10210586	1966
19670095687	Qualification test lo2 pressure transducer	1966
19670095690	Saturn v lunar landing mission spectrum of trajectories, volume i	1966
19670095710	Research and design of a practical and economical dielectrophoretic system for the control of liquid fuels under low gravity environmental conditions monthly progress report, 1-31 may 1966	1966
19670095742	Research in re-entry physics semiannual technical summary report	1966
19670095795	Advanced oxidizer research semiannual report, 1 jan. - 30 jun. 1966	1966
19670095796	Project Able, Midterm Review	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095806	Some effects to be considered in measuring the ionospheric faraday effect	1966
19670095812	Test to determine if o-ring material meets requirements of ams-3326	1966
19670095815	Qualification tests bulkhead feed through assembly	1966
19670095817	Nasa 18.03 thermosphere probe experiment - sounding rocket flight report	1966
19670095818	Analysis and synthesis of advanced self-organizing control systems interim technical report, 1 feb. - 30 apr. 1966	1966
19670095822	Antenna, HF	1966
19670095833	Qualification of thermistors	1966
19670095838	Volume ii - investigation of operating margins progress report, phase i	1966
19670095841	Study for development of improved char forming heat shields monthly status report 1 - 30 nov. 1966	1966
19670095846	Surveillance inspection test of semiconductors, transistors, general purpose, silicon npn	1966
19670095847	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, npn	1966
19670095848	Engineering evaluation of subminiature dry reed relays	1966
19670095849	Meteorological observations in canada monthly record	1966
19670095850	Satellites, sounding rockets, and balloons surveillance report, 1 oct. - 31 dec. 1966	1966
19670095851	Apollo guidance computer, volume 1 quarterly program review, 1 jul. - 30 sep. 1966	1966
19670095857	Production engineering measure for silicon npn switching transistors quarterly progress report, 25 may - 25 aug. 1966	1966
19670095858	Atmospheric design concepts for cross-beam experiments monthly progress report, 30 jun. - 31 jul. 1966	1966
19670095861	Design, performance, and test requirements for a roll and pitch trim position indicator	1966
19670095862	Test report of electrical contactors /6/, asd p/n 542673	1966
19670095863	Qualification test, pressure switch, high performance /lh2 tank ground fill valve cont. pre-pressure, sv repress, and 2nd burn flight control/ p/n ib52624-501	1966
19670095864	Life test evaluation of transitron sr-1504 silicon switching rectifier diode	1966
19670095868	Evaluation tests on capacitors, fixed, electrolytic /aluminum oxide/, type 600d	1966
19670095872	Bibliography of research and development reports on the centaur program for the third quarter 1966	1966
19670095876	Study for an optical technology apollo extension system monthly progress report	1966
19670095882	Qualification test report of sea water pump assemblies mc 281-0023 for north american aviation, p. o. m6h3xaa-730526a	1966
19670095883	Development Test Report on Compatibility of Synthetic Rubber "o" Rings with N2o4 Oxidizer	1966
19670095885	Insulating compound, electrical final specification	1966
19670095887	X-band radiometer system final report	1966
19670095892	Qualification test report, 200 volt style de capacitors /0.1 microfarad, 0.33 microfarad, 1 microfarad/	1966
19670095901	Qualification tests on two type iii check valves, helium /3/8 inch/ sterer part number 26610-2	1966
19670095905	Reort of tests for qualification of gear reduced servo motors	1966
19670095906	Far-field radiation from a solid right circular cone	1966
19670095907	Preliminary investigation of fairchild integrated circuits dual in-line package /dt/mu/1946 quadruple 2-input/gate/	1966
19670095913	Failure mode, effects, and criticality analysis of the scout reaction control subsystem	1966
19670095914	Evaluation of general electric 2N2484 transistors	1966
19670095915	Scout upper stage control fuel consumption analysis	1966
19670095917	Qualification test of 600 psig relief valve. dac scn 1b51360-521	1966
19670095925	Uhf translator group an/arc-50 /v/, functional testing of - xb-70a air vehicles 1 and 2	1966
19670095926	Distributions of redshifts of radio sources and rich clusters	1966
19670095927	Qualification test for transducer, pressure, low, absolute	1966
19670095928	Qualification test central timing equipment	1966
19670095929	Evaluation tests on koldweld crystals, type cr-80/u	1966
19670095931	Size 10 motor generator	1966
19670095934	Qualification test of thrust chamber jacket purge flexible metal hose assembly dac scn 1a77111-503	1966
19670095935	Qualification report on coil, inductance, fixed, 140 cps, 16 mw, 4.2 vac rms, ferromagnetic, encapsulated technical report, 6 oct. - 9 nov. 1965	1966
19670095938	Fogdog	1966
19670095939	Kinetic theory of molecular radiometric force and radiometer	1966
19670095953	Qualification test report on fixed capacitors	1966
19670095956	Qualification of Saturable Reactor	1966
19670095959	Motors, miniature servo motor, 1-30 volts, 400 cycles	1966
19670095961	Fixture Interior Floodlight Command Module	1966
19670095966	Valve, solenoid, latching	1966
19670095968	Simulated radioisotope thrust system and component development quarterly summary report, 1 aug. - 31 oct. 1966	1966
19670095969	Mission life tests for 960b-im pcm telemetry equipment s/n 071200070016 and 07200080016, volume 2	1966
19670095973	Demonstration of a solid-propellant motor malfunction-detection and combustion termination system monthly report, aug. 1966	1966
19670095980	Central timing equipment /cte/ block ii	1966
19670095981	Report of test on transformers, qualification tests for adcole corporation	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095982	Calculation of the absorbed power distribution in laser crystals. part 3 - results for rare- gas arcs	1966
19670095983	Joining methods applied to sintered aluminium products	1966
19670095989	Results of tests on type ii adhesive backed pressure sensitive decal submitted by smith decalcomania company, inc. for testing under specification mil-d-8634b qualification program	1966
19670095993	Point Sensor System Type I, Volume 5	1966
19670095995	Low-cost, lightweight reflector study interim technical report, 21 jun. - 21 dec. 1965	1966
19670095996	Explosive Train Charges	1966
19670096001	Vacuum apparatus for the drying of complex components in a controlled environmental facility	1966
19670096005	Electron-gamma and neutron irradiation testing of computer type diode 1001	1966
19670096006	Qualification test of united transformer corp. do-t26 inductor	1966
19670096007	Pre-Modulation Processor Equipment Apollo C and D Subsystem	1966
19670096008	Report of test on holey model 5626 thruster assembly	1966
19670096010	79d25 zener diode report	1966
19670096034	Electrically-heated pressure-compensated wet suits for sealab ii final report	1966
19670096036	The spatial and spectral characteristics of the radar cross section of satellite-type targets technical report, nov. 1964 - dec. 1965	1966
19670096046	Qualification test report for capacitors, fixed electrolytic, non-solid. westinghouse drawing no. 577r467	1966
19670096048	Vhf/am transmitter receiver equipment s/n 071368030006. volume i final test report	1966
19670096052	Qualification report of filter, 2234672 to specification ws 4460 and buweps drawing 2234672	1966
19670096053	Test report on ten rotary switches	1966
19670096055	Fixturing and machining survey for titanium bean caps	1966
19670096057	Pcm telemetry equipment	1966
19670096058	Vhf recovery beacon equipment	1966
19670096059	Hf transceiver equipment	1966
19670096061	Report of Test on Aladdin Electronics Transformer 71-119	1966
19670096062	Chemiluminescence as a signalling device final report, sep. - dec. 1965	1966
19670096064	Lattice deformation feasibility study technical report, 1 jul. - 30 sep. 1966	1966
19670096067	Automatic flight control system analysis summary report	1966
19670096069	Kossel studies of iron whiskers final report, jun. 1965 - jun. 1966	1966
19670096072	Evaluation of motorola 2n3546 transistors per ge/lmed dwg 7528149p/	1966
19670096074	Component parts screening phase 1 programs operational procedures	1966
19670096076	Apollo guidance computer quarterly program review. reliability and quality assurance, 1 july - 30 september 1966, volume 3	1966
19670096085	Saturn v as-501 range safety trajectories and analyses /final/	1966
19670096086	Research and design of a practical and economical dielectrophoretic system for the control of liquid fuels under low gravity environmental conditions progress report, 1-31 jul. 1966	1966
19670096087	Qualification test of ball valve jamesbury corp., part no. at-36tt-1/2, general test plan item no. x-112, model no. saturn s-ivb	1966
19670096088	Production engineering measure for silicon over lay transistors. volume ii - inspection and quality control plan final engineering report, 30 dec. 1964 - 30 jun. 1966	1966
19670096090	Qualification Testing of Power Transformers, Varo, P/N 50M35544	1966
19670096097	Hughes - semiconductor division part number jan 1n270	1966
19670096099	Reliability test procedure low pressure transmitter	1966
19670096102	Absorption measurements with riometer	1966
19670096105	Periodic production test summary report, capacitor, tantalum, uninsulated	1966
19670096110	Surveillance inspection test on resistor, fixed, wirewound, power, dipped, 10 watts	1966
19670096117	Qualification test report for capacitor, fixed, plastic dielectric. westinghouse drawing no. 953c066	1966
19670096121	Qualification test report for capacitor, fixed, plastic dielectric, westinghouse drawing no. 953c024	1966
19670096122	Evaluation report of du pont 510 moisture analyzer, model 510001	1966
19670096123	Polaris o-ring aging surveillance program	1966
19670096124	Electrical resistivity of ordered cu3au alloys interim report	1966
19670096125	Xc-142a vtol transport program semiannual report, jan. - jun. 1966	1966
19670096127	C-1 program weekly status report	1966
19670096129	C-1 program weekly status report	1966
19670096130	Qualification report of transformer 2234491 to specification ws 4460 and buweps drawing 2234491	1966
19670096132	Valve, solenoid, helium pressurization	1966
19670096133	Test report on five /5/ rotary switches. sp-1596652. manufactured by oak manufacturing company	1966
19670096135	Scout s-14c final flight report	1966
19670096138	Titan iiic approved parts list for first and second stage engines	1966
19670096145	Panel sound transmission loss evaluation tests	1966
19670096146	Blanking of titanium sheet metal parts	1966
19670096147	Electron beam welding sst wing beams	1966
19670096150	Valve, solenoid, latching	1966
19670096151	Cx hermetic connectors	1966
19670096155	Computer program for deriving equilibrium temperatures in hypersonic flow	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096157	Report of test on aladdin electronics transformer 71-119	1966
19670096159	Burst disc assemblies	1966
19670096160	ITT Cannon Electric CV Connectors	1966
19670096163	Electron-gamma and neutron irradiation testing of voltage rectifier diode ur-220	1966
19670096164	Electron-gamma and neutron irradiation testing of single phase rectifier bridge, 673-6	1966
19670096177	Vacuum clamping - router fixtures	1966
19670096183	Behavior characteristics during landing of the L-2000 supersonic transport relating to design criteria for nose gear	1966
19670096184	Emittance measurements for metallic surfaces - sst phase iic	1966
19670096185	High temperature epoxy spraying	1966
19670096187	Sst - vehicle systems simulation test program	1966
19670096189	Ionizing radiation and the supersonic transport	1966
19670096190	Discrete circuits used in an integrated circuit digital differential analyzer	1966
19670096196	Unified S-Band Equipment	1966
19670096197	Preliminary aerodynamic data for control system design L-2000-7 supersonic transport	1966
19670096198	Cockpit flight instrument displays in an integrated navigation system for the sst	1966
19670096210	Propulsion system slv-3 follow-on test parameters, book no. 1	1966
19670096211	Pneumatic and environmental control slv-3 follow-on test parameters, 69-00719, book no. 1	1966
19670096214	Mechanism of catalytic ignition and combustion of solid rocket propellants bimonthly report, 21 jan. 1966 - 20 mar. 1966	1966
19670096219	Research and design of a practical and economical dielectrophoretic system for the control of liquid fuels under low gravity environmental conditions progress report, 1 - 30 jun. 1966	1966
19670096220	Research and design of a practical and economical dielectrophoretic system for the control of liquid fuels under low gravity environmental conditions progress report, 1 - 31 dec. 1966	1966
19670096224	Research and development division whiteshell nuclear research establishment progress report, 1 apr. - 30 jun. 1966	1966
19670096226	Qualification test report on diodes	1966
19670096227	Qualification of saratoga industries transformer 7736452p3	1966
19670096232	Design and development of c-band crossed- field amplifier final report	1966
19670096234	Detail design requirements - safety assurance	1966
19670096235	Sst cabin window cooling development tests	1966
19670096236	Windshield optical distortion and deviation - sst phase iic	1966
19670096237	Report of Qualification Tests on Bg285g1 Electronic Display Assembly	1966
19670096240	Sequential independent model block analytical triangulation. appendix b, volume ii - program documentation	1966
19670096241	Bibliography on the effects of bright light on the human eye	1966
19670096242	Sst wire and wiring components development program	1966
19670096243	Fundamental investigation of the degradation of hydrocarbon fuels quarterly progress report, jul. - sep. 1966	1966
19670096244	Production engineering measure for improvement of production techniques to increase the reliability for pnp intermediate power silicon planar switching transistors including 2n3502 final report, dec. 1964 - jul. 1966	1966
19670096245	Preliminary investigation of low altitude airdrop exploratory development extraction by recovery parachutes final report, 1 dec. 1965 - 31 aug. 1966	1966
19670096252	Spacecraft coatings development	1966
19670096253	Computation methods for sst controlled smoothness wing panel allowables	1966
19670096254	Engineering laboratory evaluation of 230- volt relays	1966
19670096255	The evaluation of g-99 tack and dust cloth	1966
19670096256	Sst main landing gear shock strut seal test program	1966
19670096257	Hot molds and dies - shaw process	1966
19670096258	L-2000-7 fuselage cabin width study	1966
19670096259	Development program manual /general airplane/	1966
19670096260	Frequency synchronization for doppler tracking systems - propagation modes	1966
19670096261	Environmental and Mission Life Tests for Vhf Triplexer, S/n 072208010006 and S/n 072208010007	1966
19670096280	Scout s-141c final flight report	1966
19670096282	Evaluation of irc resistor 885c686p6	1966
19670096286	Comparison test program on resistor, fixed, wirewound, power molded or dipped, 1.0 watt	1966
19670096287	Evaluation of Surface Finish Attainable on Anodic Coated Magnesium Parts for Lem Hydraulic Damper Assembly	1966
19670096304	Qualification for military use, resistor, wirewound, ten-turn, spectrol electronics corp., model 162	1966
19670096305	Qualification of victory engineering thermistors	1966
19670096313	Evaluation of glenco division, gulton industries, inc. ceramic dielectric capacitor, type ct 10-102m, 104m, -37, -49, file no. 153.20.30.40	1966
19670096314	Qualification Tests of the Hydraulic Actuator Assemblies Douglas SCN's 1A66248-503 and -505 General Test Plan Item No. M-4, Model No. Saturn S-IVB	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096315	Development of coatings for protection of dispersion strengthened nickel from oxidation. part iii - development of diffusion bonded ceramic coatings	1966
19670096316	Development of a point deformation rolling mill ninth interim engineering progress report, 1 jul. - 30 sep. 1966	1966
19670096321	Voltage breakdown experiment pulse line study	1966
19670096334	Spectrum signature measurements on oblique atmospheric sounders an/fpt-11 /xn-1/ and granger associate model 904a, part 2	1966
19670096337	Kick stage configuration evaluation presentation	1966
19670096343	Sealing, leak detection and repair of sst 500 gallon hot fuel wing tank	1966
19670096344	Corrosion protection of critical sst high strength steel parts	1966
19670096345	Soldering vs. welding evaluation, flexible circuitry	1966
19670096346	Corrugation welding fixture development	1966
19670096349	One piece corrugation and end cap - inner skin	1966
19670096351	Master lines data vertical tail	1966
19670096352	Agard helicopter development session vi	1966
19670096355	Evaluation of national semiconductor 2n2484 transistors	1966
19670096360	Dynamics of gas bubbles in an oscillating pressure field quarterly progress report, sep. - nov. 1966	1966
19670096364	Development of a primary duplex electrode torpedo battery final technical progress report, 5 apr. - 31 dec. 1965	1966
19670096370	Restart capability study apollo service propulsion system bipropellant valve test	1966
19670096378	Trip report - apollo g and n quarterly program review	1966
19670096379	Investigation of high speed phenomena quarterly progress report	1966
19670096383	Slotting and straddle milling of titanium fittings	1966
19670096388	Coating, silicone, application of electrical protection	1966
19670096391	Fuel tank sealing methods test program - model I-2000	1966
19670096392	Study to establish feasibility of adf antennas on the I-2000-7a aircraft	1966
19670096393	Torque relaxation study on tubing connections with "b" nuts and fittings	1966
19670096400	Heat sealing of h-film	1966
19670096402	Electron beam chamber adaptors for welding long members	1966
19670096411	Inspection and analysis of texas instruments r4343p1 transistors	1966
19670096412	Manufacturing methods processes and development for cesium beam frequency standards interim engineering progress report, 9 jun. - 9 sep. 1966	1966
19670096416	Physical properties of the cholesteric mesophase	1966
19670096421	Evaluation of general electric 45x12b1127 transistors per 7637407p1	1966
19670096422	Coating fluorinated ethylene - propylene application of process specification	1966
19670096423	Research and design of a practical and economical dielectrophoretic system for the control of liquid fuels under low gravity environmental conditions progress report, 1-31 oct. 1966	1966
19670096425	Research and design of a practical and economical dielectrophoretic system for the control of liquid fuels under low gravity environmental conditions progress report, 1-28 feb. 1966	1966
19670096427	Apollo s-band omni antenna equipment	1966
19670096428	Report of test on reactors 50m32694, 50m32695, 50m32696, 50m32697, 50m32700	1966
19670096429	Formal qualification test of propulsive vent bellows	1966
19670096434	Salt spray-oxygen-humidity test on s-band power amplifier for the apollo c and d subsystem development report	1966
19670096435	Qualification test of a. schrader's son tank valve 916619	1966
19670096436	Vhf recovery beacon equipment, volume 1	1966
19670096441	Data management plan for component parts screening data reduction system	1966
19670096443	Test of structural components - sst phase ii. volume vi. section 12 - sonic fatigue. section 13 - panel flutter	1966
19670096446	Vhf/am equipment	1966
19670096454	Formal qualification lh2 auxiliary motor driven chilldown pump. dac scn 1a49421-501	1966
19670096455	A technique for evaluating mathematical reliability models of mission oriented systems	1966
19670096459	Component evaluation report on relay, hermetically sealed, armature type	1966
19670096460	Propellant utilization system slv-3 follow-on test parameters 69-00710 book no i-1	1966
19670096461	C-1 program weekly status report	1966
19670096483	Solid state techniques quarterly progress report, 1 oct. - 31 dec. 1965	1966
19670096485	Chemiluminescence Quenching Terms	1966
19670096489	Torque relaxation study on tubing connections with "b" nuts and fittings	1966
19670096491	Evaluation of texas instruments sp3728 transistors	1966
19670096493	Preliminary study of toxicity and odor of insulating materials	1966
19670096494	Integrated test plan for 500 gallon wing tank	1966
19670096495	Sst status	1966
19670096496	Temperature - voltage testing for the apollo usbe block ii program development test report	1966
19670096497	Qualification test report, gearhead motor manufactured by globe industries, inc., dayton, ohio	1966
19670096500	C-1 program weekly status report	1966
19670096501	Program specifications for component parts screening data reduction system	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096504	Evaluation of wet abrasive cut-off materials for cutting corrosion resistant Im fluid line tubing	1966
19670096507	Propulsion system flexibility - future requirements and potential	1966
19670096523	Advanced cryogenic rocket engine program staged-combustion concept quarterly progress review	1966
19670096531	Design, fabricate, test and evaluate two modulated infrared light sources, including operating equipment, part i final technical report, 30 jun. 1965 - 28 feb. 1966	1966
19670096532	Design, fabricate, test and evaluate two modulated infrared light sources, including operating equipment, part ii final technical report, 30 jun. 1965 - 28 feb. 1966	1966
19670096553	S-iv activity report, period 23 jul. - 19 aug. 1962	1966
19670096566	Qualification test of republic mfg. co. relife valves 8-1563-2-4	1966
19670096567	L-2000 aero data	1966
19670096568	Test of structural components - sst phase ii. volume vii. section 14 - lugs. section 15 - surface attachment clips. section 16 - miscellaneous	1966
19670096569	Decomposition of ozone in environmental control system components of the supersonic transport	1966
19670096571	Qualification test report, brake motor manufactured by globe industries, inc., dayton, ohio	1966
19670096572	Coating, stannate immersion process specification for	1966
19670096574	Hydraulic system test parameters slv-3 follow-on 69-00715 book no. 1	1966
19670096576	Qualification test report on fixed capacitors	1966
19670096583	S-band power amplifier equipment	1966
19670096585	Solid state techniques quarterly progress report, 1 jan. - 31 mar. 1966	1966
19670096586	Tire spray tests of a supersonic transport model final report	1966
19670096588	Advanced 10 kw turbo-alternator. volume 1 - electrical system design concept studies interim report	1966
19670096590	Detail specification for atlas standard launch vehicle slv-3 convair model 69 addendum xi	1966
19670096592	Test of structural components - sst phase ii, volume v	1966
19670096602	Termination methods, asbestos coated wire and small gage wire	1966
19670096609	Environmental tests for audio center - equipment, serial no. 026728110006	1966
19670096612	Light weight material - master models	1966
19680000631	Gelling of liquid hydrogen Final report	1966
19680000927	Effects of Minimal Personal Hygiene and Related Procedures During Prolonged Confinement	1966
19680001177	Effects of Experimental Diets and Simulated Space Conditions on the Nature of Human Waste	1966
19680003968	Some empirical and theoretical interpretations of multiple polarization radar data	1966
19680005389	The evaluation of a composite Teflon/aluminum expulsion bladder for use in nitrogen tetroxide	1966
19680008144	Investigation of recrystallization of thin films under the effect of electron bombardment	1966
19680009261	Simplified Midcourse Guidance Techniques	1966
19680009305	Flow Field Prediction and Analysis Study for Project Ram B3 Supplementary Report, Nov. 1965 - Apr. 1966	1966
19680009484	Adaptive detection of non-synchronous signals	1966
19680009549	Flight handling quality problems posed by swept-wing transport planes without tail units	1966
19680009663	Application of the Mossbauer effect to transducers Final report, 5 Feb. 1965 - 4 Feb. 1966	1966
19680009766	Reading Machine Studies for Sensory Aids	1966
19680009864	Photoconductivity in metal oxides in high gamma fields	1966
19680010587	Adhesive Bonding of Stainless Steels Including Precipitation-Hardening Stainless Steels	1966
19680015923	Using cascade electron image converters for studying infrared luminescence in the upper atmosphere	1966
19680017421	Voltage breakdown in an exploding bridge wire system	1966
19680017422	Some aspects of breakdown and corona problems in the critical-pressure range	1966
19680018781	The determination of noctilucent cloud projection on the earth's surface	1966
19680019477	The laser	1966
19680019495	V/STOL Aircraft	1966
19680019496	Living in Space	1966
19680022291	Spherical MIROS	1966
19680065753	Research and development on the pulsed plasma accelerator /reppac/ semiannual report	1966
19680066195	Optimization and standardization of a procedure for producing optical surfaces and type 304l stainless steel final project report, 26 may 1965 - 26 feb. 1966	1966
19680066283	Feasibility of using radioactive sources to measure electric field intensity in space final engineering report	1966
19680066294	Planetary Atmospheres	1966
19680066898	Design, development and delivery of one /1/ breadboard and three /3/ production units of a 75 va integrated static inverter monthly report	1966
19680067120	Ductility of cross-rolled beryllium sheet - barrier	1966
19680068005	Impact of technology on small libraries	1966
19680068580	Emsel45 low level ac voltage monitor final report	1966
19680068614	The lunar orbiter	1966
19680068708	Automatic amino-acid-sequence determination in peptides	1966
19680068781	Lunar Orbiter Mission B Description	1966
19680069831	S-c 4020 microfilm recorder - user's manual	1966
19680069837	Development of an increased sampling rate monitoring system	1966
19680069988	Review of selected problems in the utilization of solid propellant rocket motors in space	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680070057	Regional facility for transfer of aerospace information to industry quarterly status report	1966
19680070065	Space and technology transfer program annual report	1966
19680070066	Establishing a regional technology transfer program emphasizing the dissemination and use of new technology to small and moderate sized companies in the state of north carolina monthly progress letter report, jun. 1966	1966
19680070067	Aerospace research applications center quarterly report, period ending 30 jun. 1966	1966
19680070069	Construction of a profile of the existing economic structure of the region surrounding the southeastern state college quarterly status report, 1 jan. - 31 mar. 1966	1966
19680070078	A program to accelerate the industrial application of aerospace related technology quarterly status report, jul. - sep. 1966	1966
19680070079	Medical applications of nasa-developed science and technology final report, 1 feb. 1965 - 31 mar. 1966	1966
19680070080	Medical problem digests	1966
19680070081	Medical applications of nasa-developed science and technology quarterly progress report, 1 apr. - 30 jun. 1966	1966
19680070082	Medical applications of nasa-developed science and technology quarterly progress report, 1 jul. - 30 sep. 1966	1966
19680070084	Medical Applications of Nasa-developed Science and Technology Quarterly Progress Report, 1 Oct. - 31 Dec. 1966	1966
19680070086	Biomedical applications of nasa science and technology quarterly progress report, 15 sep. - 14 dec. 1966	1966
19680070088	Biomedical applications program final report, 1 jan. - 31 dec. 1966	1966
19680070235	SA-203 Launch Vehicle Operational Flight Trajectory	1966
19680070456	Measurements report - thermal property measurements of manned spacecraft center spacesuits materials	1966
19680070793	Automation of Functions in the Nasa Manned Spacecraft Center Technical Library	1966
19680070847	The 15 Micron Infrared Horizon Radiance Profile Temporal, Spatial, and Statistical Sampling Requirements for a Global Measurement Program	1966
19680070941	Lower bounds to eigenvalues of the schroedinger equation	1966
19680071001	B-2707 operational limits program	1966
19680071442	Probabilistic planning for manpower acquisition and termination	1966
19680071485	Probabilistic manpower forecasting	1966
19680071486	Probabilistic manpower programs	1966
19680071548	Determination of cost schedules in probabilistic manpower planning	1966
19680071603	Computer program for manpower acquisition and termination	1966
19680072301	Turbine erosion research in Great Britain	1966
19680072711	NASA Authorization 1967. Hearings before the Committee on Science and Astronautics, U.S. House of Representatives, Eighty-Ninth Congress, Second Session on N.R. 12718 (Superseded by H.R. 14324)	1966
19680073165	Network performance analysis for the GTA-8 mission	1966
19680073381	Manned Space Flight Scheduling	1966
19680073383	Progress, prospects and future of NASA's Manned Space Flight programs	1966
19680073385	The necessity to utilize technology	1966
19680073404	Dedication of the Science Center, Cedar Crest College, Allentown, Pennsylvania	1966
19680073409	Manned Space Flight Program - Past achievements and future plans	1966
19680073412	Manned Space Flight - Accomplishments and plans	1966
19680073413	NASA's Manned Space Flight programs, our progress and prospects	1966
19680073722	Sensitivity of the hi-shear version of the Apollo standard initiator to 9000 megahertz pulsed energy Final technical report	1966
19680073741	High energy hydrocarbon booster fuels, a review and theoretical study Final report, 4 Oct. 1965 - 30 Sep. 1966	1966
19680073764	Construction and evaluation of FIRL hybrid filters for use with Apollo standard initiator Final technical report	1966
19680073769	Sensitivity of the S01-10307-11 and S01-10307-12 version of the Apollo standard initiator to 9000 megahertz pulsed energy Final technical report	1966
19680073795	The use of computers as an aid to circuit design and analysis	1966
19680073796	The use of a digital computer in the design on a wideband feedback amplifier	1966
19680073797	Applications of computers to filter design	1966
19680073798	The use of a digital computer for linear circuit worst case design	1966
19680073799	The use of computers in circuit analysis	1966
19680073800	The application of an analogue computer to circuit design	1966
19680073801	The derivation of equivalent circuits for transistors by optimization methods, using a general purpose computer programme	1966
19680073802	Some applications of computers to active network design	1966
19680073803	The application of a digital computer to the design of ladder filters	1966
19680073823	Mars '71 technical study	1966
19680074005	Research on tantalum solid electrolytic capacitors Final report, 5 Nov. 1962 - 30 Mar. 1966	1966
19680074017	Production engineering measure for type CR-/XM-57//U crystal units Quarterly report, Oct. - Dec. 1966	1966
19680074021	Little Joe 2 test launch vehicle Progress report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074023	Experimental pressure and normal force distribution data for a family of cone- cylinder configurations at test Mach numbers from 0.7 to 2.0	1966
19680074032	Research concerning the interactions of slow electrons with light gas atoms	1966
19680074069	A spread beam from a plane radiator	1966
19680074082	Discharge current limitation in thyratron grids Annual report	1966
19680074100	The analysis of Weedram magnetic tapes by Elliott 503 computer	1966
19680074101	Cryogenic storage system study /AES payloads/ program Summary technical report, 1 Feb. - 1 Aug. 1966	1966
19680074155	Apollo/Saturn 1B launch plan, AS-203	1966
19680074175	Apollo/Saturn 1B launch readiness assessment report, AS-201	1966
19680074178	Hi-Shear Corporation part numbers SN2121-10 and PC10-003 separation nut and power cartridge Test report	1966
19680074189	X-ray absorption edges for ions	1966
19680074322	Proceedings of the Conference on Long-term Cryo-propellant Storage in Space	1966
19680074323	Thermal mass penalties associated with cryogenic propellant storage on manned Mars and Venus missions	1966
19680074324	Lunar storage of cryogenic reactants	1966
19680074325	Development of materials and materials application concepts for joint use as cryogenic insulation and micrometeoroid bumpers	1966
19680074326	Thermal problems associated with the development of a flight configured cryogenic insulation system	1966
19680074327	Shadow shield experimental studies	1966
19680074328	Performance of a LH2 shrouded supercritical helium system	1966
19680074329	Study of vapor/liquid separators for venting cryogenic propellant tanks in space	1966
19680074330	Characteristics of two-phase flow in a choked nozzle	1966
19680074331	Thermodynamic model for optical cryogenic propellant tanks with P-T correlations for Saturn S-4 stage and Centaur flights	1966
19680074332	Topics requiring further study of the effect of gravity upon heat transfer	1966
19680074333	The growth of hydrogen bubbles in low gravity	1966
19680074334	Finite difference solution of stratification and pressure rise in containers	1966
19680074335	Flow visualization and thermal stratification of water in a horizontal cylinder and a sphere	1966
19680074336	Vapor pull-through at a tank drain with and without dielectrophoretic baffling	1966
19680074337	Gradient stabilization of electrohydrodynamically oriented liquids	1966
19680074338	Heat transfer to rotating cryogenic fuel tanks in orbit	1966
19680074339	Low gravity fluid behavior and heat transfer results from the S-4-203 flight	1966
19680074340	Liquid-solid hydrogen mixtures as vehicle propellants	1966
19680074341	Slush hydrogen characteristics	1966
19680074342	Cryogenic transparent tank development	1966
19680074360	A consideration of some factors controlling reusable space booster design /U/	1966
19680074368	Land Landing System - Technical Summary Final Report	1966
19680074393	Hypersonic ramjet heat transfer and cooling program. Volume 5 - Control system studies and experiments /U/ Final report, 1 Jun. 1965 - 1 May 1966	1966
19680074403	High Data Rate Laser Communication System	1966
19680074411	Development of a daytime ballistic camera system	1966
19680074419	Silicon avalanche diode Annual report	1966
19680074440	Cleaning study program - Cleaning at 55 deg F to 80 deg F. Volume 2, book 2	1966
19680074441	Cleaning Study Program - Cleaning at 55 deg F to 80 deg F	1966
19680074443	Modular nuclear vehicle study, phase 2. Volume 6 - Integrated test plan	1966
19680074447	Module nuclear vehicle study, phase 2. Volume 8 - NRSD operating plan and facilities requirements	1966
19680074482	Synthesis of switching functions using a minimum number of integrated-circuit modules	1966
19680074501	The millimeter wave propagation experiment for the ATS-E spacecraft	1966
19680074503	Evaluation of micrometeoroid penetration effects on heat shield performance. Volume 2 - Technical discussion, phase 1 Final report	1966
19680074505	Apollo reliability estimation guidelines	1966
19680074506	Evaluation of micrometeoroid penetration effects on heat shield performance. Volume 3 - Technical discussion, phases 2, 3, and 4 Final report	1966
19680074507	Lunar excursion module pressurization system studies Final report	1966
19680074518	A research program on solid propellant physical behavior Quarterly report, 1 Aug. - 31 Oct. 1966	1966
19680074528	The effect of mixed visual contrast schedules on detection times for both free and horizontally structured visual search	1966
19680074558	Modular nuclear vehicle design. Volume 3 - Research and technology implications	1966
19680074581	Elevated temperature vacuum forming of double contoured skin type titanium alloy parts Manufacturing research report	1966
19680074593	Theoretical development and laboratory evaluation of a random wave analyzer for spacecraft applications, volume 1	1966
19680074629	Evaluation of micrometeoroid penetration effects on heat shield performance. Volume 4 - Instruction manual for multidimensional reaction kinetics ablation program Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074645	The effect of commonly occurring grits upon the impact sensitiveness of certain high explosives	1966
19680074672	Evaluation of micrometeoroid penetration effects on heat shield performance, addendum Final report	1966
19680074673	Evaluation of micrometeoroid penetration effects on heat shield performance. Volume 1 - Summary report Final report	1966
19680074683	Command module-service module interface strength capability, block 2	1966
19680074741	AS-501 spacecraft operational trajectory. Volume 1 - Trajectory description	1966
19680074833	Techniques for tests on structures subject to kinetic heating	1966
19680074908	Large scale integrated circuit array Interim technical quarterly report, 15 Aug. - 15 Nov. 1966	1966
19680074924	The touch display - A novel input/output device for computers	1966
19680074974	Valve, isolation, burst diaphragm	1966
19680075019	Meeting report for the Gordon Research Conference on Elastomers Supplementary activity report, 1-31 Aug. 1967	1966
19680075286	Balloon-borne radio system Final report, 19 Jun. 1964 - 26 Dec. 1966	1966
19680075314	Bibliography - On-board in-flight checkout. Part 1 - Index	1966
19680075345	SA-204 prelaunch checkout and launch operations specifications and criteria	1966
19680075362	Characteristics of the elastohydrostatic gas lubricated axisymmetric thrust bearing	1966
19680075367	SA-202 launch vehicle RF and telemetry systems description	1966
19680075397	Short-range prediction of temperature and dew point aloft by a 3-dimensional trajectory technique	1966
19680075408	Testing and evaluation of exothermal braze specimens	1966
19680075422	Engineering study of Launch Complex 39 rolling bascule type mobile service structure	1966
19680075432	Non-metallic materials Technical report, 1 Jul. - 31 Dec. 1965	1966
19680075452	Bibliography - On-board in-flight checkout. Part 2 - Literature citations	1966
19680075458	Investigation of positive-type shaft seals Interim report, Jul. 1964 - Dec. 1965	1966
19680075468	Crew performance studies for manned space flight, volume 1	1966
19680075494	Feasibility study of passive communication satellite concepts for the Apollo application program	1966
19680075496	Transfer function of a pilot during a continuous, one-directional perturbation of the lateral motion of an aircraft	1966
19680075501	Microwave device and physical electronics laboratory Consolidated quarterly technical report, 1 Oct. - 31 Dec. 1966	1966
19680075584	Variable magnification electron optical lens Annual report	1966
19680075597	RP7/40 reliability investigation of high frequency silicon planar power transistors Annual report, 1966	1966
19680075609	Analysis of electrical propulsion power conditioning component technology Final report	1966
19680075661	A study of the use of thin tantalum layers in micro-circuit fabrication Annual report	1966
19680075662	Disc-supported ring-bar structures Annual report	1966
19680075664	C.V.D. Research Project RP6-21 backward diode as a Doppler mixer Annual report	1966
19680075665	C.V.D. Research Project RP3-65 microwave cyclotron resonance devices Annual report	1966
19680075666	C.V.D. Research Project RP3-63 "Amplitron" device assessment Annual report	1966
19680075717	Protuberance heating test program	1966
19680075745	An analysis of an eddy current pick-off	1966
19680075764	The resolution forecasting in color limited lenses combined with films and filters	1966
19680075771	Electrochemical machining SST wing waffle-grid panels Manufacturing research report	1966
19680075803	Chemical milling titanium alloys for SST application Manufacturing research report	1966
19680075821	Study of helicon waves on solids Annual report, 1966	1966
19680075852	The evolution of lifting re-entry	1966
19680075853	Review of NASA research programs on the lifting body class of entry vehicles /U/	1966
19680075858	Design interactions and requirements for manned entry	1966
19680075859	Radiative and total heating rates obtained from Project Fire reentries at 37,000 feet per second /U/	1966
19680075860	ASSET technology	1966
19680075862	Material selections, insulation, structural design, and ground testing of the ASSET vehicle	1966
19680075864	Manufacturing technology	1966
19680075867	ASSET single and two stage launch vehicles	1966
19680075868	Performance of ASSET communication and tracking links	1966
19680075869	ASSET vehicle systems description and flight performance	1966
19680075870	Instrumentation development and in-flight performance	1966
19680075875	ASSET heat transfer data reduction procedures	1966
19680075880	SV-5D Project PRIME lifting re-entry vehicle development /U/	1966
19680075884	Lifting-body research vehicle flight-test program /U/	1966
19680075885	Refurbishable thermal shields for lifting entry vehicles	1966
19680075888	Lifting entry for manned planetary missions	1966
19680075889	Designing for horizontal landing in a re-entry vehicle	1966
19680075891	Research and development in the age of technological plenty	1966
19680075904	Semiconductor injection laser Annual report, 1966	1966
19680075926	Influence of ring stiffeners and prebuckling deformations on the buckling of eccentrically stiffened orthotropic cylinders	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075935	Weapon system 133B program progress research and development, stage 1 Minuteman Contract status report, 1 Jul. - 30 Sep. 1967	1966
19680076072	A study of very strong winds at Torbay airport	1966
19680076199	Weight and size analyses of advanced cruise and launch vehicles. Volume 1 - Final technical report and data handbook /U/	1966
19680076202	Gemini launch vehicle, launch vehicle no. 11, flight evaluation /U/	1966
19680076303	Static stability tests on the .9 percent scale Saturn 5 model in the Mach number range of 0.60 to 3.00	1966
19680076329	A derivation of three well known properties of negative resistance devices	1966
19680076332	Solid state image intensifier panels Interim technical report, Jan. 1 - Jun. 30, 1966	1966
19680076365	Isomeric states in sub lambda He 7	1966
19680076433	Study of laboratory experiments for the collisionless plasma sheath Final report, 8 Apr. - 8 Dec. 1966	1966
19680076437	Instruction manual for the hypersonic air breathing propulsion computer program	1966
19680076571	Laser interferometry measuring system for precision gyro and gas bearing parts - Study report with recommendations and design specifications	1966
19680076572	Study of low-acceleration space transportation systems, volume 2 Final technical report, Jul. 1964 - Jun. 1966	1966
19680076712	Nonlinear distortion in traveling wave tubes	1966
19680076756	Adjustable frequency coherent light generators	1966
19680076778	The hydrogen purification of submicron nickel powder Semiannual report	1966
19680076813	Cockpit motion requirements for flight simulation	1966
19680076815	Riometer records of 18 and 30 Mc cosmic noise Semiannual technical report, 3 Jan. - 19 Jun. 1966	1966
19680076848	Flight performance and vibration data from the X-258 rocket motor /Scout-135/	1966
19680076857	Investigation of material damping models applicable to dynamic response analysis of vehicle structures	1966
19680076870	Range and range rate Mod 2 receiver	1966
19680076885	Transfer-function synthesis and digital computer application	1966
19680076924	Satellite telemetry data processing at Goddard Space Flight Center	1966
19680076926	Gemini mission GT-8 orbital collision hazard evaluation	1966
19680077000	RN-6 nozzle test /U/ Final report, Nov. 1960 - Jul. 1962	1966
19680077184	Re-Entry Physics program /REP/ Semiannual program progress report, period ending Dec. 1966	1966
19680077193	Initial VTOL flight control design criteria development - Discussion of selected handling qualities topics Yearly technical summary report, 1 Apr. 1966 - 1 Apr. 1967	1966
19680077288	Apollo/Saturn 1B launch operations plan, AS-202	1966
19680077322	An experimental comparison of Runge-Kutta and predictor-corrector numerical integration processes	1966
19680077510	Refraction of radioelectric waves in the troposphere	1966
19680077550	Decision - Adaptive FSK receivers	1966
19680077654	Formulas and diagrams for calculating the expansion of real gases in supersonic shock tubes provided with nozzles	1966
19680077664	High-temperature research	1966
19680077666	Concerning the manner of dissipation of energy in pipes under pressure	1966
19680077667	A mobile technique for measuring and recording air temperature and humidity	1966
19680077669	Environmental torques on spacecraft	1966
19680077684	Detailed test objectives for improved Delta launch vehicle spacecraft - Bios-A	1966
19680077688	Study of drag coefficients for unusual vehicle configurations Monthly progress report, 1-31 Oct. 1966	1966
19680077692	Flight report for Delta vehicle S/N 467/20207/20205 Delta program-mission no. 39 spacecraft - AIMP-D	1966
19680077695	Flight report for Delta vehicle S/N 461/20203/20206 Delta program, mission no. 37, spacecraft - Tiros OT-2	1966
19680077709	Detailed test objectives for improved Delta launch vehicle spacecraft - Intelsat 2, F-1	1966
19680077710	Stability problems of elastostatics	1966
19680077737	Detailed test objectives and applicable documentation for Delta launch vehicle, spacecraft - TOS-A	1966
19680077738	The growth of gas bubbles in stressed medium and the application to stress enhanced swelling in alpha uranium	1966
19680077739	Flight report for Delta vehicle S/N 436/20112/20011 Delta program-mission no. 38 spacecraft - AE-B	1966
19680077741	Detailed test objectives for the improved Delta launch vehicle spacecraft - AIMP-D mission, volume 2	1966
19680077745	Delta range safety turning capability data, TOS-B mission	1966
19680077746	Detailed test objectives for the improved Delta launch vehicle spacecraft - AIMP-D mission, volume 1	1966
19680077750	Delta range safety trajectory and aerodynamic data for the AE-B spacecraft mission	1966
19680077752	Flat-cable applications study, volume 2 Final report	1966
19680077758	Detailed test objectives for improved Delta launch vehicle spacecraft - TOS-B	1966
19680077761	Flight report for Delta vehicle S/N 445/20104/20110 Delta program-mission no. 36 spacecraft - Tiros OT-3	1966
19680077782	Control in a fluid system - Its physical and mathematical models	1966
19680078019	End item acceptance test plan for M-100 rocket motor and igniter	1966
19680078027	Apollo emergency detection system side acceleration equations	1966
19680078067	M-100 rocket motor quality assurance plan	1966
19680078071	Qualification test plan for the TE-M-421, M-100 landing rocket	1966
19680078227	Study of fast excitation gas lasers Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078800	An analogue computer for on-line correction of wind tunnel force and moment data	1966
19680079001	Reliable information storage in randomly perturbed memories	1966
19680079002	Reliable computers with stable memories	1966
19680079029	Study to establish feasibility of accurately tracking a passive target for radar calibration with the marine star tracker	1966
19680079194	Some results of paleomagnetic study of Arctic Ocean floor sediments	1966
19680079247	Nascom network, performance with analysis during GT-9A mission	1966
19680079258	Nascom network performance with analysis during GTA-10 mission	1966
19680079259	Nascom network performance with analysis during GTA-11 mission	1966
19680079322	Zr-4 clad UO sub 2 fuel bundle irradiation in WR-1	1966
19680079332	Evaluation of low-hydrogen iron-powder-type E7018 electrodes	1966
19680079334	A preliminary proposal to irradiate a composite high-flux fuel bundle in WR-1	1966
19680079343	SOC environmental temperature and cooling methods	1966
19680079346	Preliminary proposal to irradiate a uranium- aluminum fuel bundle in WR-1	1966
19680079361	Thermal neutron facility liquid metal system	1966
19680079362	Determination of SOC magnet pole trip shapes by conducting paper analogue	1966
19680079363	A preliminary proposal to irradiate a zirconium uranium fuel bundle in WR-1	1966
19680079393	Biology and health physics division Progress report, 1 Jul. - 30 Sep. 1966	1966
19680079394	Research and development division, Whiteshell Nuclear Research Establishment Progress report, 1 Jul. - 20 Sep. 1966	1966
19680079421	Neutron Thermalization at a Temperature Discontinuity	1966
19680079423	Flight report for Delta vehicle S/N 463/20205/20208 Delta program-mission no. 41 spacecraft - TOS-WTR no. 1	1966
19680079424	Specified local scientific survey module for Apollo applications program	1966
19680079511	Biology and health physics division Progress report, 1 Oct. - 31 Dec. 1966	1966
19680079567	Planning, programming, and budgeting in the Departments of Defense and Labor - A comparison of an actual with a proposed system	1966
19680079632	Flight report for Delta vehicle S/N 436/20112/20011 Delta program-mission no. 38 spacecraft - AE-B, addendum 1	1966
19680079747	Feasibility investigation of the vapor chamber fin Interim technical report, 1 May - 1 Oct. 1967	1966
19680080066	Theoretical and experimental investigation of the flow in a ZB-2 cascade	1966
19680080101	Determination of satellite rotation parameters from observations of specular reflection timing	1966
19680080113	Two-photon emission from the metastable state of singly ionized helium	1966
19680080124	Energy Levels and Electromagnetic Transitions in N 15 from the C 13/(He 3,P Gamma)N 15 Reaction	1966
19680080209	Abstracts on radar reflectivity of sea targets, volume 1	1966
19680080210	Oxadiazoles and other polymers Technical report, 15 May 1965 - 15 Jun. 1966	1966
19680080413	On the numerical prediction of oceanic thermal structure	1966
19680080466	Research into new approaches for VHF filter crystals Final report, 1 May 1963 - 31 Oct. 1966	1966
19680080478	Lapp's prediction of impact time for a ballistic missile	1966
19680080563	A standard for thermal contact conductance	1966
19680080671	Test methods for AUTOVON conditioned circuits	1966
19680081066	Large high-temperature sandwich structures, 3 Interim engineering progress report, 17 Jun. - 16 Sep. 1966	1966
19680081068	Large high-temperature sandwich structures, 1 Interim engineering progress report, 16 Dec. 1965 - 16 Mar. 1966	1966
19680081178	The overall design concept of slender wings for supersonic flight	1966
19680081615	Advanced valve technology Interim report, 1 Sep. 1965 - 1 Nov. 1966	1966
19680081642	A study of certain propagation anomalies in radio frequency signals Final report, 6 Jun. - 6 Dec. 1966	1966
19680081732	Neutral and ion quadrupole spectrometer	1966
19680081817	Electron microscopy of metals - A review of techniques for specimen preparation	1966
19680082477	A high-sensitivity mass spectrometer	1966
19680082683	New recording analyzer for gaseous immission concentrations	1966
19680082685	Investigation of aerosol samples with radioactive surface markers	1966
19680082810	Investigation of the secondary electron emission of copper-beryllium by positive ions at an energy of 25 keV	1966
19680082828	Ion converter detector with gate circuit for mass spectrometric studies	1966
19680082907	Calculation of the vertical growth of developing cumulus tops	1966
19680082946	Lunar surface mobility systems comparison and evolution study /MOBEV/. Design point vehicle data book. Volume 1, book 1 - Guidelines and assumptions, and mobility systems summary	1966
19680082947	Lunar surface mobility systems comparison and evolution study /MOBEV/. Design point vehicle data book. Volume 1, book 2 - Comparative data	1966
19680082948	Lunar surface mobility systems comparison and evolution study /MOBEV/. Design point vehicle data book. Volume 2, book 1 - Roving vehicles - Unmanned and astronaut assist concepts	1966
19680082949	Lunar surface mobility systems comparison and evolution study /MOBEV/. Design point vehicle book. Volume 2, book 2 - Roving vehicles - Mobile laboratory concepts	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082950	Lunar surface mobility systems comparison and evolution study /MOBEV/. Design point vehicle data book. Volume 2, book 3 - Roving vehicles - Base support concepts	1966
19680082951	Lunar surface mobility systems comparison and evolution study /MOBEV/. Design point vehicle data book. Volume 3 - Flying vehicles	1966
19680083305	S-27A redundant mode monitor technical details and electrical evaluation	1966
19680083348	Technical details and electrical bench testing of the command decoders for S-27A-1, S-27A-2	1966
19680083384	S-27A, sweep frequency oscillator technical details and electrical evaluation	1966
19680083649	Discussion of problems relating to the finite difference solution of boundary-layer flows	1966
19680083821	Heat treatment of bearing steels	1966
19680084090	Investigations of the electric charge of aerosols	1966
19680084223	Lifetimes of orbiting vehicles Monthly progress report, Jun. 1966	1966
19680084267	Second symposium on cryogenic techniques and cryo-electronics	1966
19680084335	Lifetimes of orbiting vehicles Monthly progress report, May 1966	1966
19680084410	Investigation of the functional performance variations of an integrated circuit chip as a function of temperature	1966
19680084719	Paper recorder for a digital real time power spectrum analyzer	1966
19680084906	A probability density analyzer	1966
19680084950	Exploding spheres of dust	1966
19680085025	Computer systems for saturn ground computer complex final report, aug. 1963 - sep. 1966	1966
19680085033	Evaluation of hydraulic fluids for use in advanced supersonic aircraft semiannual report	1966
19680085035	Narrow bandpass crystal filters out perform phase-locked loop	1966
19680085037	Gemini high apogee orbit	1966
19680085062	Anisotropy of collision-free paths in an inhomogeneous gas	1966
19680085111	Study of vortex boundary layer interactions final report, period ending 26 jun. 1966	1966
19680085195	Equipment and services for s-26 gemini plasma wake experiment final report	1966
19680085232	Qualification report on fixed capacitors	1966
19680085233	Fundamentals of liquid propellant sensitivity technical progress report, 1 jun. - 31 aug. 1966	1966
19680085236	Atunable x-band coaxial magnetron. volume 2 - sfd-304 cem /trade name/ coaxial magnetron drawings	1966
19680085240	C-1 program weekly status report	1966
19680085245	Propellant level control and loading systems slv-3 follow-on test parameters. 69-00713 book number 1-1	1966
19680085250	Qualification test of 3/4 inch 3000 psig solenoid valve, dac scn 1a66602-505	1966
19680085253	Acceleration test on pp-2 pcm telemetry equipment for apollo c and d subsystem	1966
19680085258	Pcm telemetry equipment environmental tests final qualification test report, 12 aug. - 16 sep. 1966	1966
19680085266	C-1 program weekly status report	1966
19680085268	The determination and application of correction factors for inter-element effects in the x-ray fluorescence analysis of high temperature alloys	1966
19680085277	Development of solid state bonding techniques	1966
19680085282	Qualification test report on fixed capacitors	1966
19680085290	Coatings for long term-intermediate tempera- ture protection of columbium alloys interim progress report	1966
19680085292	Relay, 10 amps, hermetically sealed	1966
19680085293	Design and development of a c-band crossed- field amplifier final report	1966
19680085307	Multielement measuring systems - a statistical theory	1966
19680085311	Capacitor, fixed, electrolytic solid tantalum. westinghouse drawing number 954c413 qualification test report	1966
19680085315	Exoskeleton prototype project, appendix 4 Final report	1966
19680085318	Low altitude air delivery development of equations of motion	1966
19680085327	Resistor, fixed film	1966
19680085329	Annual report, 15 july 1965 - 15 july 1966	1966
19680085332	Effects of air conditioning on health and efficiency - a reiev of the literature	1966
19680085334	Fabricating angle sections of 4 al-3mo-iv titanium by the yoder rolling method	1966
19680085348	Report of qualification test on solid state timer - ti p/n 560050-1, ltv p/n 23-003253-1	1966
19680085349	Computer program for determining the thermal environment and temperature history of lunar orbiting space vehicles	1966
19680085352	Defective carbon resistor, report of results of failure analysis	1966
19680085371	Experimental studies and investigation of ultraviolet-proton radiation effects on solar concentrator reflective surfaces quarterly progress report, 1 jul. - 1 oct. 1966	1966
19680085383	Relay, hermetically sealed, armature type	1966
19680085384	Silicon pnp power transistor	1966
19680085394	Mechanical and physical testing procedures for structural plastics	1966
19680085395	Interpretation of absolute measurements of radioactive source strength by the 4 pi beta-gamma-coincidence method	1966
19680085401	S-band linear array with unequally spaced elements	1966
19680085403	Qualification test of propulsive fuel vent bellows. dac scn 1a 87152-1	1966
19680085405	Periodic production test summary report capacitor, fixed, electrolytic	1966
19680085406	Bolt explosive - redundant vehicleborne	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085407	Qualification test report on transceivers, receivers and transmitters, radio and communication, airborne, 30-300 mc vhf, .125-.25 watt	1966
19680085408	Qualification of units for use on the apollo program final report	1966
19680085413	A survey of magnetohydrodynamic electrical power generators	1966
19680085414	Seventeen-inch twt tests on a coannular ejector with a clamshell reverser	1966
19680085424	Project sophy solid propellant hazards program contract status report, 1-28 feb. 1966	1966
19680085426	Runge-kutta methods of numerical integration for flight simulation programs	1966
19680085427	Data report for a generalized experimental study of inlet temperature rise of jet v/stol aircraft in ground effect, book 1	1966
19680085430	Research on carbon dioxide relationships in pressure suit systems final report	1966
19680085433	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1-30 jan. 1966	1966
19680085452	Hn hermetic connectors	1966
19680085453	LO2 Chillodown Flowmeter DAC SCN 1A89104-507	1966
19680085455	Qualification tests on flux, soldering, liquid	1966
19680085456	Experiments with minimum to optimum base- height ratios final report	1966
19680085461	Investigation of strength of isolated vertebrae, phase 4 quarterly progress report, 30 may - 30 aug. 1966	1966
19680085462	Range safety system, slv-3 follow on test parameters	1966
19680085463	Surveillance inspection test	1966
19680085466	Transmission testing and evaluation of cv-1546//tsc-29 channel vocoder final report, 30 jun. 1964 - 30 sep. 1966	1966
19680085471	Meteoroid-bumper interaction program monthly progress report	1966
19680085474	Qualification of custom electronics fixed mica-paper capacitors	1966
19680085481	Laminate particle composite research	1966
19680085485	Scout S-149c Final Flight Report	1966
19680085491	Nasa micromin computer monthly progress letter, oct. 1966	1966
19680085493	Sla platform installation and removal	1966
19680085505	Administrative aircraft operations manual	1966
19680085515	Gelatin rigidized expandable sandwich solar energy concentrators and space shelters final report	1966
19680085527	Performance and flying qualities of the double-delta supersonic transport	1966
19680085538	Restoration of atmospherically degraded image, volume 3	1966
19680085565	Guidance system. slv-3 follow-on test parameters, 69-00706. book no. 1-1	1966
19680085567	Machining data for numerical control reaming	1966
19680085578	Chemosynthetic gas exchanger quarterly progress report, mar. 6 - jun. 8, 1966	1966
19680085579	Design and development of a pneumatic gimbal actuation system monthly technical report, feb. 1-28, 1966	1966
19680085586	Colloidal asbestos fibrils as reinforcements for polymeric structures quarterly progress report, 1 may - 31 jul. 1966	1966
19680085588	Instrument unit modifications for manned planetary missions	1966
19680085600	Research and design of a practical and economical dielectrophoretic system for the control of liquid fuels under low gravity environmental conditions progress report, 1-31 mar. 1966	1966
19680085617	Biosatellite Adapter/Srv Separation Test Final Report	1966
19680085621	Study of impedance prediction techniques final report	1966
19680085622	The study of impedance evaluation techniques	1966
19680085623	Flight density program final progress report	1966
19680085637	Investigation of the ignition and combustion of metal wires progress report, jun. 16 - jul. 15, 1966	1966
19680085643	A study of gravity gradient backup stabilization system for the orbiting geophysical observatory monthly progress report, 25 jul. - 31 aug. 1966	1966
19680085644	Demonstration of a solid-propellant motor malfunction-detection and combustion termination system monthly report	1966
19680085646	Qualification tests on batteries, dry ba-300/u	1966
19680085652	Study of water soluble residue fluxes final report, 1 jun. 1965 - 30 may 1966	1966
19680085658	Quarterly report, 10 august - 1 november 1966	1966
19680085665	Development of a High Strength Aluminum Alloy Readily Weldable in Plate Thicknesses, and Suitable for Application at Minus 423 Deg f /minus 253 Deg C/ Quarterly Progress Report	1966
19680085669	Thermal Protection System X-15a-2 Design Report	1966
19680085672	Kestrel evaluation trials /civil engineering supplement/	1966
19680085680	A note on helicopter configurations for increased range, speed, and endurance	1966
19680085700	The publications of dr. hugh l. dryden	1966
19680085701	Hydraulic fluid interaction servovalves monthly technical report, 1 jan. - 1 feb. 1966	1966
19680085704	Hydraulic fluid interaction servovalves monthly technical report, 1 dec. 1965 - 1 jan. 1966	1966
19680085708	Cryogenic machining of titanium	1966
19680085709	Drying time of magna 4w-1a white coating	1966
19680085720	Quarterly progress report, october 1 - december 31, 1966	1966
19680085727	A study of the fundamentals of liquid- propellant sensitivity	1966
19680085729	Variable magnification electron optical lens	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085743	A12o3 whisker reinforcement of nichrome - considerations of aspect ratios, volume percent, and whisker orientation data memorandum report	1966
19680085748	Heavy water organic cooled reactor. sap handbook	1966
19680085753	Prediction of rf interference caused by exhaust plumes of the saturn vehicles monthly progress report, 1-30 apr. 1966	1966
19680085756	Corona prevention in the sst wiring system	1966
19680085760	Drilling - evaluate portable drilling equipment for titanium assembly manufacturing research report	1966
19680085761	An evaluation of solar-cosmic-ray events during solar minimum	1966
19680085779	Nacelle cowling of high bypass ratio turbofan engines	1966
19680085781	Oxygen difluoride research study quarterly report, 1 jul. - 30 sep. 1966	1966
19680085785	C-1 program weekly status report, 3-9 march 1966	1966
19680085787	The prospects for electrostatic propulsion within the earth's atmosphere	1966
19680085791	Advanced engineering branch progress report, 1 apr. - 30 jun. 1966	1966
19680085792	Maintainability design guide	1966
19680085793	Research on new concepts in energy conversion quarterly technical progress report, 1 jun. - 31 aug. 1966	1966
19680085795	C-1 program weekly status report, 24 february - 2 march 1966	1966
19680085796	C-1 program weekly status report, 8-14 september 1966	1966
19680085797	Origin and purpose of the european space research organisation	1966
19680085798	C-1 program weekly status report, january 1966	1966
19680085799	C-1 program weekly status report, 27 january - 2 february 1966	1966
19680085800	C-1 program weekly status report, 17-23 february 1966	1966
19680085801	C-1 program weekly status report, 3-9 november 1966	1966
19680085806	Applications of spectroscopic absorptance data and inhomogeneous transmittance combination methods final report	1966
19680085816	The effect of environment on fatigue crack propagation in age hardened aluminium alloy a1-7 percent zn-5 percent mg-1 percent mn	1966
19680085820	Application of thermal control coating to titanium skins	1966
19680085821	Mechanized tacking for titanium welding	1966
19680085822	Minuteman ws-133b ground integration test program. conducted interference measurements volume 3	1966
19680085824	Slush hydrogen fluid characterization and instrumentation analysis progress report, sep. 1 - oct. 31, 1966	1966
19680085825	C-1 program weekly status report, 21-27 april 1966	1966
19680085828	Quality assurance factors for titanium alloy forming operations	1966
19680085831	Production engineering measure for integrated amplifier/switching circuits quarterly progress report, 1 jul. - 30 sep. 1966	1966
19680085834	On-line intelligence processing system. volume 1 - summary, recommendations and user reaction final report	1966
19680085837	Communications and electronics digest, december 1966	1966
19680085838	Oakdale interference reduced	1966
19680085839	Antenna variable tilt	1966
19680085840	Magnetic drum handling aid	1966
19680085841	Detection prediction model for use in ecm environment	1966
19680085843	Orbiting vehicle mark 2 program summary report, ov2-3	1966
19680085850	C-1 program weekly status report /technical/, 26 may - 1 june 1966	1966
19680085857	Test procedure and test report for explosive valve - retroforce system, oao	1966
19680085858	Semiconductor devices, general specification for	1966
19680085859	The use of microfilm in a print library and in a library of annotated aerial photographs	1966
19680085867	Brayton-cycle turbine-compressor monthly progress report, 5 dec. 1965 - 4 jan. 1966	1966
19680085875	C-1 program weekly status report	1966
19680085881	Increased reliability of a high strength steel through thermal-mechanical treatments final report, jul. 1963 - may 1966	1966
19680085889	Bearing friction change with acceleration in a ball-bearing gyroscope	1966
19680085894	Psychrometric data	1966
19680085902	Semi-rigid or non-rigid structures for re-entry applications interim engineering progress report, 15 dec. 1965 - 15 mar. 1966	1966
19680085911	C-1 program weekly status report /technical/, 6-12 january 1966	1966
19680085930	Use of partial derivations in variation analysis	1966
19680085932	Seventeen-inch twt tests of a coannular ejector with a clamshell reverser	1966
19680085933	Turbofan engine distortion tolerance	1966
19680085935	Experimental performance evaluation of a clamshell shroud ejector nozzle for the supersonic transport engine	1966
19680085938	Qualification test report on fixed capacitors	1966
19680085939	Advanced analytic techniques for fault prediction. part 2 - magnetic computer drum application	1966
19680085945	Extended loading of cryogenic tanks monthly progress report, 1-31 mar. 1966	1966
19680085946	Development of an operational induction flowmeter for liquid hydrogen quarterly progress report	1966
19680085947	Nuclear magnetic resonance project long legs, part 1 final development report, 4 apr. 1962 - 31 dec. 1965	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085950	A faraday isolator system for use at wavelengths between 0.4 and 0.9 micron	1966
19680085954	Technical fluorocarbons engineering, inc., products 503-2 and 503-3e qualification test results	1966
19680085955	Vibration - temperature test for servonic model 3031-7801	1966
19680085956	C-1 program weekly status report	1966
19680085970	Resistance heating titanium 8al-1mq-iv parts for joggling on cold tooling	1966
19680085973	C-1 program weekly status report	1966
19680085979	Development of non-destructive methods for determining residual stress and fatigue damage in metals monthly progress report	1966
19680085986	Fabrication of sst leading and trailing edge assemblies	1966
19680085987	Star-set selection routine for a stellar- inertial reference system	1966
19680085989	High grade threaded joints. some design principles and new developments hochwertige schraubenverbindungen. einige gestaltungs- prinzipien und neuentwicklungen	1966
19680085991	Zinc/air high energy density rechargeable energy storage system final report, 6 jan. - 6 sep. 1966	1966
19680085992	Standardized test procedures for uhf flight termination receivers	1966
19680086007	Multicomponent strain seismograph quarterly report, 1 jul. - 30 sep. 1966	1966
19680086009	Development of light weight magnesium alloys for low temperature applications quarterly progress report, 1 jul. - 30 sep. 1966	1966
19680086018	Qualification tests tank assembly - infinite baffled t1-23-200-48008	1966
19680086026	Biosatellite program failure, issues 16 and 17 summary report	1966
19680086035	Saturn v lunar landing mission spectrum of trajectories. volume 2	1966
19680086037	Development of improved methods of depositing iridium coatings on graphite progress report	1966
19680086040	Life sciences	1966
19680086042	Fy 1967 advanced mission study program proposed by program offices	1966
19680086046	Racoms data reduction	1966
19680086053	Evaluation tests on batteries, dry, type 2 mc	1966
19680086063	Experimental Pressure and Normal Force Distribution Data for a Family of Cone Cylinder Configurations at Test Mach Numbers from 0.7 to 2.0 - Figures	1966
19680086070	Satellite communications terminal an/tsc-54. addendum quarterly progress report, 1 jul. - 30 sep. 1966	1966
19680086077	Tempering of 4330v modified steel	1966
19680086083	Light emission in a semiconductor emission de lumiere dans les semiconducteurs	1966
19680086084	Laser array techniques technical report, mar. - nov. 1966	1966
19680086089	Launch vehicle programs program review	1966
19680086099	Design applications of adaptive /self- adjusting/ simulators	1966
19680086103	Aircraft ground flotation investigation. part 8 - data report on test section 7 technical report, 1964-1965	1966
19680086105	C-1 program weekly status report	1966
19680086122	Thermoplastics - processing and testing of injection molding materials	1966
19680086126	C-1 program weekly status report	1966
19680086128	C-1 program weekly status report	1966
19680086129	Experimental and theoretical analysis of ablative material response in a liquid- propellant rocket engine quarterly progress report, 1 jan. - 31 mar. 1966	1966
19680086133	Quality evaluation of missile structure spot welded joints	1966
19680086134	Qualification test report on diodes	1966
19680086138	Jet fuel decontamination studies interim report, 15 dec. 1965 - 15 jun. 1966	1966
19680086139	Qualification test report on fixed capacitors	1966
19680086143	Aeronautics program program review	1966
19680086144	Sixth european symposium on space technology brighton, 23-25 may, 1966	1966
19680086147	Spacecraft performance as a function of fundamental design criteria	1966
19680086148	Qualification test report on fixed capacitors	1966
19680086149	Biodynamic correlates final report, jun. 1964 - dec. 1965	1966
19680086152	Electron beam welding of rough machined surfaces	1966
19680086154	C-1 program weekly status report	1966
19680086155	Evaluation of resistance welds	1966
19680086156	Carbide coating hss cutting tools effect on tool life for machining and drilling ti-8a1-1mo-1v	1966
19680086157	Ceramic integrally heated matched dies	1966
19680086158	Heating titanium alloys for hot forming on cold tools	1966
19680086159	End milling - pocketing in titanium fittings /preliminary report/	1966
19680086162	Titanium-feed and speed recommendations	1966
19680086163	Welding of structural and hydraulic tubing	1966
19680086164	Develop methods for swaging sst structural tube parts	1966
19680086174	Qualification test report on transistors	1966
19680086179	Control/stability augmentation system evaluation	1966
19680086183	Some symmetrical error properties of the trilaterative tracking solution	1966
19680086187	C-1 program weekly status report /technical/, 2 - 8 june 1966	1966
19680086189	Mixture ratio simulator	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086196	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1 jun. - 15 jul. 1966	1966
19680086200	Pershing qualification test report. device, ceramic capacitor	1966
19680086203	C-1 program weekly status report	1966
19680086206	C-1 program weekly status report	1966
19680086208	Multilevel stress test for reliability evaluation of thyristors	1966
19680086210	C-1 program weekly status report	1966
19680086224	Annual report of the defence research medical laboratories	1966
19680086237	Earth model program development final technical report, 15 sep. 1965 - 30 apr. 1966	1966
19680086238	Motion induced disturbances of ionized gases final report, 1 oct. 1964 - 1 jul. 1966	1966
19680086247	Nol/761/nasa r120 magnetometry, highlights quarterly progress report, period ending 30 sep. 1966	1966
19680086251	Semiannual report, 1 june through 30 november 1965 and quarterly status report, 1 september through 30 november 1965	1966
19680086268	A low-cost technique for land-recovery of an s-ivb stage from orbit	1966
19680086270	J-2 engine flight rating engine no. 1 - rocket engine inspection after test final report	1966
19680086271	Pressurization systems design guide. volume 2b - design procedures and data	1966
19680086290	Plasma heating in stochastic fields	1966
19680086298	Determine feasibility of explosively bonding wear-resistant materials to aluminum final report	1966
19680086302	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 15-31 mar. 1966	1966
19680086305	Coatings for regenerative engines monthly report	1966
19680086306	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1-30 apr. 1966	1966
19680086307	Demonstration of a solid-propellant motor malfunction-detection and combustion termination system monthly report, 1-30 apr. 1966	1966
19680086313	A finite element analysis of the elastic behavior of beam columns	1966
19680086314	A general technique for buckling analysis with a finite element solution application	1966
19680086327	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations progress report, 5 jul. - 5 oct. 1966	1966
19680086333	Apollo operations handbook. command and service module, mission as-204a, spacecraft 012	1966
19680086338	Oxidizer properties that affect combustion rates of solid propellants	1966
19680086340	Contract data requirements s-ivb stage and gse nasa contract nas7-101	1966
19680086342	Design concept studies for a low cost- lightweight 10 kw turbo-alternator system final report	1966
19680086353	The institute for the study of metals quarterly report no. 82	1966
19680086357	Surveillance inspection test on resistor, variable, wirewound, noc, multiturn, linear, 0.75 watts	1966
19680086358	Surveillance inspection test on resistors, fixed, wirewound, power, molded or dipped, 5 watts, 1 july - 14 october 1966	1966
19680086365	Preliminary aerodynamic data for structural design l-2000 supersonic transport	1966
19680086366	Sst landing gear shock strut bearing material evaluation test program	1966
19680086371	C-1 program weekly status report /technical/, 5 - 11 may 1966	1966
19680086375	C-1 program weekly status report /technical/, 19 - 25 may 1966	1966
19680086377	Evaluative test of 6 hisonic power reactor- transformers, motorola no. 25-28488f /buord drawing no. 2309650/	1966
19680086378	C-1 program weekly status report /technical/, 12 - 18 may 1966	1966
19680086384	Gamma ray spectra and sensitivities for 14 mev neutron activation analysis	1966
19680086386	Scout flight vibration and shock environment	1966
19680086387	Apollo optical subsystems quarterly program review, 22 jun. - 3 oct. 1966	1966
19680086388	Operation manual saturn 5 s-1c stage service arms launch complex 39, volume 1	1966
19680086390	Operation manual saturn 5 s-4b stage service arms launch complex 39, volume 3	1966
19680086402	Telemetry system and instrumentation slv-3 follow on test parameters 69-00708 book no. 1	1966
19680086404	Planetary quarantine program quarterly report for period ending 30 jun. 1966	1966
19680086412	Development of a sub-surface drill system for post-apollo missions monthly progress report, 1-31 mar. 1966	1966
19680086419	Annual meteorological summary toronto, ontario year 1966 with comparative data	1966
19680086422	Qualification report on microelectronic circuits, nand/nor, gate, diffused elements technical memo, 18 jun. - 5 aug. 1966	1966
19680086423	Exploratory development to improve standard cutting tool materials by infusion with metallic carbides, ceramics or diamond quarterly progress report, 2 may - 15 aug. 1966	1966
19680086426	Telemetry system and instrumentation slv-3 follow on test parameters 69-00708 book no. 1	1966
19680086451	Development of a sub-surface drill system for post-apollo missions monthly progress report, 1-30 may 1966	1966
19680086479	Synthesis of fluorine - containing heteroatomic polymers	1966
19680086480	Lithium-fluorine-hydrogen propellant study monthly progress report for sep. 1966	1966
19680086495	Compound, sealants, silicone, room temperature cure	1966
19680086575	Re-entry vehicle simulator. part 1 - definition	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086582	Adhesive stack bonding, water soluble adhesive	1966
19680086583	Brayton cycle turboalternator monthly progress report, 1-30 mar. 1966	1966
19680086588	Brayton cycle turboalternator monthly progress report, 1-30 nov. 1966	1966
19680086590	Classified supplement to quarterly report, 1 jul. - 30 sep. 1966	1966
19680086594	Brayton cycle turboalternator monthly progress report, 1-30 apr. 1966	1966
19680086611	Experimental analysis of hybrid rocket fuels for mhd pulse power generation interim technical report, 2 mar. - 2 nov. 1966	1966
19680086621	Nimbus force 10 percent and stability - mach 8 and 10 test plan report	1966
19680086622	Evaluation of industrial acoustics co model nssep-5 turbojet engine ground run-up exhaust noise suppressor final report	1966
19680086623	Six-degree-of-freedom rigid body trajectory	1966
19680086626	Analysis of s-4 mechanical impedance data	1966
19680086638	Measurement of the electrostatic activity of dry powders	1966
19680086641	Brayton cycle turboalternator monthly progress report, 1-31 dec. 1965	1966
19680086642	Quarterly report, 1 july - 30 september 1966	1966
19680086651	Uhf telemetry evaluation	1966
19680086655	Space charge limited microwave mixers interim technical report, aug. - nov. 1966	1966
19680086656	Superior signal company model os-15 15-minute floating orange smoke distress signals	1966
19680086657	Evaluation of experimental, xas-49 guppy 1 mod a submarine battery cells with phosphoric- sulphuric acid electrolyte of eltra corporation	1966
19680086663	Quarterly progress report	1966
19680086664	Brayton cycle turboalternator monthly progress report, 1-31 jan. 1966	1966
19680086668	Brayton cycle turboalternator monthly progress report, 1-31 may 1966	1966
19680086675	Proceedings of the eleventh conference on the design of experiments in army research, development and testing	1966
19680086686	The parachute subsystem of the hup helicopter escape system final report, 19 jun. 1963 - 1 mar. 1966	1966
19680086687	Lithium-nickel fluoride secondary battery investigation quarterly progress report	1966
19680086688	Mechanical-property data hp 9ni-4co-45c steel	1966
19680086693	Centaur data transmission test	1966
19680086694	Multiple-reflective laser detector diode interim technical report, 1 aug. - 31 oct. 1966	1966
19680086696	Brayton cycle turboalternator monthly progress report, 1-30 sep. 1966	1966
19680086697	Brayton cycle turboalternator monthly progress report, 1-31 oct. 1966	1966
19680086700	Tests for discrimination between regression models	1966
19680086701	Development of hydrothermal method for growing large, high purity single crystals of beryllium oxide, and initiate research on growing single crystals of "ktn" and chrysoberyl technical report, 1 sep. 1965 - 31 aug. 1966	1966
19680086702	Brayton cycle turboalternator monthly progress report, 1-31 jul. 1966	1966
19680086703	Brayton cycle turboalternator monthly progress report, 1-31 aug. 1966	1966
19680086706	Development of a fluid state ratio computer. part 3 - design fabrication and integration of breadboard system interim technical report, 2 nov. 1964 - 28 feb. 1965	1966
19680086714	Investigation of the generation of long wavelength irradiation through the use of laser techniques quarterly report	1966
19680086715	Feasibility Study of Large Space Erectable Antenna Monthly Progress Report, 5 Jul. - 5 Aug. 1966	1966
19680086731	Qualification of casting impregnant 51-101 under mil-i-6869b, type 1 and 2, submitted by springfield impregnators, incorporated	1966
19680086732	Test plan report snap-19 generator heat rate test - mach 10	1966
19680086733	Snap-19 generator force and stability test - mach 10 test plan report	1966
19680086734	Snap-19 tandem generator force and stability test-mach 20 test plan report	1966
19680086735	Development of a tubing and bar process for a dispersion strengthened ni-cr-tho2 alloy, 1 july 1965 - 15 october 1966	1966
19680086742	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen quarterly report, 1 may - 31 jul. 1966	1966
19680086743	S-ic intertank umbilical carrier and flight plate technical manual	1966
19680086750	Development of fused slurry silicide coatings for the elevated-temperature oxidation protection of columbium and tantalum alloys progress report, 1 jan. - 31 mar. 1966	1966
19680086755	Qualifications test report on fixed capacitors	1966
19680086756	Conformal coating for printed circuit boards. final specification	1966
19680086757	Oak ridge national laboratory status and progress report, june 1966	1966
19680086760	A histidine active-center decapeptide from chymotrypsin	1966
19680086764	Checkout hand valve vibrations tests	1966
19680086765	Interfacial investigations in advanced fiber reinforced plastics	1966
19680086770	Brayton cycle turboalternator monthly progress report, 1-28 feb. 1966	1966
19680086779	The study of radiation protection and radiation induced intermediates in biological systems containing water, comparing protection for gamma and alpha radiation final technical report, 1 sep. - 30 nov. 1966	1966
19680086780	Patent program	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086787	Sandia corporation aerospace nuclear safety quarterly report, 1 apr. - 30 jun. 1966	1966
19680086796	Qualification test, switch, pressure, /engine pump purge control/ dac scn 1b52623-513	1966
19680086801	Design of nipples for steam drums in relation to welding fabrication and non-destructive testing vorgeving van stompen in stoomdrums in verband met de sterkte de lastechnische fabricage en het niet-destructief onderzoek	1966
19680086804	Study of failure and reliability in microelectronic devices quarterly report, jun. - aug. 1966	1966
19680086808	Qualification Test Conducted on Pressure/Temperature Ratio Transducer, MS Part No. 118001-0001, NAA Part No. ME 449-0124-0001	1966
19680086810	Project proposals fiscal years 1967 and 1968, mercury rankine program, volume 3	1966
19680086811	Project proposals fy 1967-1968, physical research program, volume 8	1966
19680086813	Experimental investigation of a high pressure, high voltage electrogasdynamic generator quarterly progress report, aug. - oct. 1966	1966
19680086815	Surveyor-b /ac-7/ field flight report	1966
19680086817	Evaluation of blue ridge-winkler company sample 65693 nomex glove fabric	1966
19680086818	Qualification of shell chemical company epon /r/ adhesive 9601 and epon /r/ adhesive 9601 with epon adhesive primer 9261 under federal specification mmm-a-132 and military specification mil-a-25463	1966
19680086820	A report on the american physical society meeting in honolulu final report, 2-4 sep. 1965	1966
19680086822	Space vehicle programs	1966
19680086826	Anamalous microwave emission from bulk semiconductors	1966
19680086827	Eddy - currents and shielding in telecommunications technology wirbelstrome und schirmung in der nachrichtentechnik	1966
19680086828	Development of redraw techniques for thin-walled columbium alloy tubing interim engineering progress report, 15 apr. - 15 jul. 1966	1966
19680086851	Lunar and planetary programs	1966
19680086858	The investigation of deposition processes and substrates to provide low cost improved boron filaments summary technical report, 1 oct. 1964 - 1 oct. 1965	1966
19680086859	Extended loading of cryogenic tanks monthly progress report, 1 - 31 jul. 1966	1966
19680086868	Low-cost gyro development program /gg403 gyro/ final report	1966
19680086874	Feasibility study of large space erectable antenna monthly progress report, 5 aug. - 5 sep. 1966	1966
19680086884	Nimbus b heat distribution - mach 10	1966
19680086888	A hybrid thin-film circuit bucket and ladle counter	1966
19680086910	Remote amplifier gain calibration and power for subarrays b1 and f3	1966
19680086911	Ra-5 amplifier temperature effects, supplement no. 1	1966
19680086913	Qualification test report for resistor, thermal solid state	1966
19680086917	Reentry physics /rep/ program semiannual program progress report	1966
19680086918	Investigation of low weight focusing schemes for traveling-wave tube amplifiers quarterly report, 15 jul. - 14 oct. 1966	1966
19680086920	Mil-p-0023377a epoxy primer/p-95k topcoat - finish system standardization	1966
19680086921	Pershing qualification test report for device, semiconductor	1966
19680086924	Montana lasa lightning failures, 1965 special report, jun. - aug. 1965	1966
19680086929	Tracker development for contrast contour flyable hardware final report	1966
19680086930	Design and testing of ablation systems for low heating rate and low shear force applications	1966
19680086935	Procedure for certification of flight worthiness	1966
19680086936	Certified test report, power inductor tf4rx04eb	1966
19680086938	Aluminum soldering report	1966
19680086940	Microelectronic device, dtl dc coupled flip flop	1966
19680086941	Summary report of phase 1 pbps stress corrosion program one and two month exposure tests of material candidates in n204	1966
19680086944	Qualification test report for switch, rotary	1966
19680086945	Qualification of diodes, westinghouse drawing no. 954c985	1966
19680086946	Short-range forecast techniques number 7. the analysis and interpretation of precipitation patterns	1966
19680086947	A regression analysis of relationship between peripheral and foveal contrast thresholds and its use in the section of operators for visual search tasks	1966
19680086957	Attenuation of seismic waves in the earth's upper mantle	1966
19680086959	Crash 11 - a computer program to calculate the dynamic elastic-plastic responses of free hard-bonded multilayer circular rings subjected to arbitrary sequential loadings	1966
19680086962	Optical propagation program	1966
19680086965	Qualification of 1/2-inch square, resistors	1966
19680086966	Qualification of recording oscillograph - westinghouse drawing number 949a342/r/	1966
19680086967	Qualification test report for connectors - westinghouse drawing number 954c534	1966
19680086968	Qualification test report for connectors - westinghouse drawing number 577r673	1966
19680086969	Qualification testing of connectors - westinghouse drawing numbers 940c088, 920f305, 920f307	1966
19680086970	Technical challenges of the supersonic transport	1966
19680086976	Qualification test report for spices, electric, solder type, insulated westinghouse drawing 954c624	1966
19680086978	Tests and investigations of a high speed towed sonar cable final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086979	High-pressure gauge test program - test results	1966
19680086980	Test of structural components - sst phase ii. volume 3. section 4 - crippling panels. section 5 - compression panels	1966
19680086981	Development of a sub-surface drill system for post-apollo missions monthly progress report	1966
19680086988	Extended loading of cryogenic tanks monthly progress report, 1-30 jun. 1966	1966
19680086992	Fatigue properties of an annealed ti-6al-4v forging, p/n 5753048	1966
19680086995	Subsonic wind tunnel tests of a clamshell- shroud ejector nozzle for the supersonic transport engine	1966
19680087002	Evaluation of corning glass k capacitors	1966
19680087011	Implementation of document format recognition final report, may 1965 - sep. 1966	1966
19680087013	Experimental performance evaluation of a proposed translating shroud ejector nozzle for the supersonic transport engine	1966
19680087022	Fabrication of f-11 titanium face - aluminum honeycomb panel	1966
19680087024	Qualification test report for connectors, westinghouse drawings 579r481 and 579r484	1966
19680087036	Switches, Motorized, Power Transfer Class 1, 100 Amps	1966
19680087037	Design engineering division progress report, 1 apr. - 30 jun. 1966	1966
19680087038	Status and progress report, march 1966	1966
19680087039	Monthly activities report for july 1966	1966
19680087041	Qualification report on semiconductors, diodes, zener, silicon technical report, sep. 10 - oct. 10, 1966	1966
19680087042	Evaluation test report for valve solenoid, marotta p/n 11040406-1	1966
19680087043	Characteristics and Initiation of the Secondary Explosive Isothiocyanatopentamine Cobalt 3 Perchlorate	1966
19680087044	Aerodynamic and electromagnetic data for a slightly blunted re-entry vehicle	1966
19680087046	Static stability and axial force test of n-power bodies at mach 0.7 to mach 3.0, test 3-1351	1966
19680087048	The safety characteristics of nuclear power reactors	1966
19680087050	Status and progress report, february 1966	1966
19680087051	Surveillance inspection test on semiconductors, transistors, general purpose, silicon, npn	1966
19680087055	Thermoelectric power supply for lasa cth	1966
19680087060	Qualification tests of transistors	1966
19680087061	Experimental and theoretical analysis of ablative material response in a liquid- propellant rocket engine quarterly progress report, 1 apr. - 30 jun. 1966	1966
19680087062	Pershing qualification test report for a pulse transformer	1966
19680087063	Pershing qualification test report, device, semiconductor	1966
19680087064	Summary report of phase 1 pbps stress corrosion program one and two month exposure tests of material candidates in n204	1966
19680087066	Report of test on main landing gear shimmy c-119 aircraft final report	1966
19680087070	Spatial correlations observed across lasa from longshot	1966
19680087072	The influence of sonic boom constraints on sst design and operation	1966
19680087073	Qualification test report for toggle switch, westinghouse drawing 954c093 engineering memorandum	1966
19680087074	Qualification of single turn carbon trimmer variable resistor engineering memorandum	1966
19680087075	Qualification test report on general electric relay 3saf1804-a2	1966
19680087076	Aeroballistic design and flight results of the sandia nike-apollo rocket system	1966
19680087081	Development engineering progress report, 1 jan. - 31 mar. 1966	1966
19680087082	Development engineering progress report, 1 apr. - 30 jun. 1966	1966
19680087084	Shear flow capabilities of arc heated wind tunnels	1966
19680087086	Qualification test report on potter and brumfield relay fl-4051	1966
19680087087	Evaluation test report for capacitor san fernando electric mfg. p/n 20j0j473-3	1966
19680087088	Engineering, evaluation test report on coil, radio frequency	1966
19680087089	Surface contamination of 6061-t6 materials	1966
19680087097	Comparison test program on capacitor, fixed, tantalum, wet, hermetically sealed, lead mount	1966
19680087098	Report of test on 08-00613-000 transformer	1966
19680087100	Surveillance inspection test on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19680087101	Evaluation tests on transformers, rf manufacturer's type 200b1910	1966
19680087102	Connector, receptacle, electrical test report	1966
19680087103	Comparison test program on capacitor, fixed, tantalum, solid hermetically sealed, lead mount	1966
19680087104	The position accuracy of the moog-bridgeport numerically controlled milling/drilling system	1966
19680087105	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19680087106	Evaluation tests on transformers, if type 100c1932	1966
19680087107	Comparsion test program on semiconductors, transistors, general purpose silicon npn	1966
19680087108	Qualification test report on semiconductors, diodes, rectifier, silicon	1966
19680087110	Comparison test program on resistor, fixed, composition, molded, 1/4 watt	1966
19680087111	Array research. initial analysis of long- period large-aperture data recorded at the tonto forest seismological observatory in 1965	1966
19680087112	Cancellation of turbulent infrasonic atmospheric pressure pressure fluctuations final report	1966
19680087113	Research on relaxation processes in magnetic materials	1966
19680087114	Array research. wavenumber analysis of tfo long-noise sample	1966
19680087119	Evaluation of candidate plastics for laminate and molding applications	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087120	Plating of ferrous base metals	1966
19680087122	Gulfstream 2 - primer system interim report	1966
19680087123	Grain size of standard pressed steels 66117 series bolts made from heat treated ams 6487 alloy steel final report	1966
19680087126	Microelectronic device, dtl, quad 2 input gate	1966
19680087130	Design Criteria for Zero-leakage Connectors for Launch Vehicles Quarterly Progress Report, 1 Jul. - 30 Sep. 1966	1966
19680087132	To obtain a 16 rms finish by manual honing	1966
19680087135	Qualification tests, absolute hydrazine pressure transducers	1966
19680087136	Disconnect assembly, engine cold helium purge	1966
19680087137	Qualification test data for mission-life tests for 76j-1 audio center equipment, volume 2 test report, 27 aug. - 5 nov. 1965	1966
19680087138	Switches, motorized, power transfer, class 2, 200 amps - phase a	1966
19680087140	Switches, motorized, power transfer, class 1, 100 amps test report	1966
19680087141	Mission operating life test and leak rate test final report	1966
19680087150	Ilt cannon electric cv connectors	1966
19680087153	Demonstrated instructural safety factors, apollo block i, earth landing system	1966
19680087154	Off-limit test - check valve assembly series parallel size 16 helium - aeroxine 50 /sps/	1966
19680087155	Partial qualification testing of power transformers	1966
19680087157	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 1-31 may 1966	1966
19680087158	Qualification test of power transformer 120/70 vrms, 60-400 cps dac scn 1b34433	1966
19680087159	Qualification test of 1/2 inch, 300psig, needle valve, n204	1966
19680087160	Qualification test report on burndy corp. connector series bt	1966
19680087163	Second qualification test on four regulator relief recirculation system valves, hadley part number 11530-2 & -3 test report	1966
19680087164	Results of an experimental program to determine the response of unstiffened cylindrical steel shells to free field reverberant, and progressive wave acoustic excitation	1966
19680087165	Application of dry film lubricants	1966
19680087171	Investigation of experimental welding filler alloys for 18 ni 300 maraging steel	1966
19680087173	Connector requalification 910207-2210, 910251- 2211	1966
19680087174	Spacecraft oceanography project annual report, 1 oct. 1965 - 1 sep. 1966	1966
19680087175	Spacecraft oceanography project. annex a - a review of achievements in remote sensing for oceanography annual report, 1 oct. 1965 - 1 sep. 1966	1966
19680087176	Some observations concerning lateral- directional equations of motion and transfer functions	1966
19680087179	Saturn 5 vehicle capability using voyager payloads	1966
19680087185	Qualification test of james, pond and clarke relief valves 537t-4d-28	1966
19680087186	Vhf recovery beacon equipment mission life tests	1966
19680087189	Gimbal plane hose assembly qualification test scn's	1966
19680087193	Fuel nozzles and combustion systems	1966
19680087196	Collisions of electrons and ions with hydrogen atoms quarterly report, 7 jul. - 7 oct. 1966	1966
19680087197	A New Solid State Transducer for the Detection of Micrometeorites Final Technical Report, 12 Jun. 1964 - 30 Jun. 1966	1966
19680087198	High strength maraging steels for tactical missile rocket motors	1966
19680087201	Scaling resistance of 20 percent cr, 80 percent ni alloy kh20n80 with additions of lanthanum and cerium	1966
19680087202	Study of the process of fatigue under conditions of rolling friction by the eddy-current method	1966
19680087205	Surveillance inspection test on semiconductors, transistors, general purpose, silicon, npn	1966
19680087206	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed lead mount	1966
19680087207	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19680087208	Comparison test program on semiconductors, diodes, general purpose, silicon	1966
19680087209	Part-Application Test Report on HF Transceiver Equipment for the Apollo C and D Subsystem	1966
19680087215	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19680087216	Harrison labs. 6521a power supply evaluation	1966
19680087217	Supplementary qualification tests on inductors, type tf5tx04zz	1966
19680087219	Qualification tests on solder, resin core	1966
19680087220	Surveillance inspection test on resistor, fixed, metal film, precision, molded or dipped, 1/2 watt	1966
19680087224	Chemistry and metallurgy division progress report, 1 jan. - 31 mar. 1966	1966
19680087225	Surveillance inspection test on semiconductors, transistors, general purpose, silicon, npn	1966
19680087227	Damage mechanisms in thermal control coating systems quarterly progress report, 1 oct. - 31 dec. 1966	1966
19680087231	Synchro control transformer for the 5808e computer bomb release	1966
19680087233	Qualification of units for use on the apollo program final report, 8 jun. 1964 - 12 oct. 1965	1966
19680087234	Audio center equipment, s/n 026728110007, apollo c and d subsystem qualification test report	1966
19680087244	Qualification test data for leak test, part of environmental test for recovery beacon equipment s/n 026728090006 qualification test report	1966
19680087246	Char layer sensor and char layer sensor signal conditioner	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087247	Qualification of units for use on the apollo program. transformer, saturable core hermetically sealed, 0-3 kc audio frequency final report	1966
19680087248	S-band power amplifier, volume 1	1966
19680087251	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19680087252	Engineering evaluation test report on motor - tachometer, generator	1966
19680087257	Operations division progress report, 1 january - 31 march 1966	1966
19680087259	Canadian materials newsletter no. 27	1966
19680087260	Fuels and materials development program quarterly progress report, period ending 30 jun. 1966	1966
19680087261	Fuels and materials development program quarterly progress report, period ending 31 dec. 1965	1966
19680087262	Research and development for atr gas loop monthly report, 1-30 sep. 1966	1966
19680087263	Oak ridge national laboratory status and progress report, may 1966	1966
19680087264	Oak ridge national laboratory status and progress report, august 1966	1966
19680087265	Research and development for atr gas loop monthly report, 1-31 aug. 1966	1966
19680087269	Surface effects from an underground test at the u3dh site, nevada test site	1966
19680087270	Physics and instruments department monthly report, dec. 1965	1966
19680087276	Comparison test program on semiconductors, diodes, rectifier, silicon	1966
19680087278	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19680087279	Pcm telemetry equipment	1966
19680087280	Qualification test for transducer, pressure, low absolute p/n ib38508-1	1966
19680087281	Qualification of units for use on the apollo program on relays, 1-5 amp, hermetically sealed, 1-30 vdc, sensitive, dpdt	1966
19680087287	Qualification test of the hydraulic actuator filter	1966
19680087288	Qualification test of 300 psig 1 inch 10 micron in line filter	1966
19680087289	Qualification of units for use on the apollo program. semiconductors, diodes, zener, silicon final report	1966
19680087291	Mission sequence number 1, unified s-band equipment	1966
19680087292	Chemical milling of 304l corrosion resistant steel tubing	1966
19680087293	Test on united transformer corp. transformer do-t11	1966
19680087294	Qualification report on semiconductor, transistor, power, germanium, pnp.	1966
19680087295	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19680087296	Overstress study of five zener diodes manufactured by continental devices corporation /cdc/	1966
19680087298	S-band power amplifier equipment, serial no. 026728070006, volume 2 qualification test report	1966
19680087300	Qualification testing of phase sensing relays. westinghouse drawing 953c049	1966
19680087302	Solderability test of gold plated printed circuit boards	1966
19680087304	Pump purge regulator backup pressure switches dac scn 1a67002-501 and -509	1966
19680087306	Combustion systems	1966
19680087307	Preliminary qualification test report and qualification test data for mission sequence no. 2 tests for unified s-band equipment s/n 061418020006	1966
19680087308	Aerospace nuclear safety quarterly report, 1 jan. - 31 mar. 1966	1966
19680087311	Canadian materials newsletter no. 26	1966
19680087312	Reactor research division progress report, 1 jan. - 31 mar. 1966	1966
19680087313	Reactor research division progress report, 1 apr. - 30 jun. 1966	1966
19680087316	Qualification test report for low-g variable resistance cryogenic liquid/vapor sensor transducer douglas specification control number 1b51731-1, general test plan item no. w-93h, model no. saturn s-ivb	1966
19680087322	Test series number 10 at the martin middle river cobalt source	1966
19680087323	Off-limits qualification test report - regulator, helium pressure	1966
19680087326	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19680087330	Comparison test program on capacitor, fixed, ceramic, molded, lead mount	1966
19680087331	Qualification test report for lo2 low pressure switch. dac scn 7851847-525 and -535	1966
19680087335	Flow proportional valve apollo ecs radiator	1966
19680087343	Qualification test procedure for semiconductor devices, diode, silicon - varactor	1966
19680087345	Compression tests of slotted 7075-76 extruded tubing	1966
19680087346	Weldability of oxidized inconel 600 wire mesh to annealed nickel 200 foil	1966
19680087348	Qualification test, switch, pressure, high performance /lh2 tank, flight control, 1st burn/ dac-scen-1b52624-1	1966
19680087349	Spacecraft 011 qualification test, uprighting system control panel assembly	1966
19680087352	Evaluation test report for capacitor, southern electric corp. p/n sec. 3146-15	1966
19680087355	Estimation of design allowables by use of the logistic distribution function and regression analysis	1966
19680087356	Percussive arc welds	1966
19680087357	Preliminary evaluative test of 10 helipot model 62pa cermet variable resistors	1966
19680087358	Failure analysis report on regulator, fluid, pressure	1966
19680087359	Preliminary qualification test report and qualification test data for mission operating life test no. 1 part of environmental tests for audio center equipment, serial no. 026728110007	1966
19680087361	Hydrogen signal conditioner	1966
19680087368	Evaluation of plastic materials to be included in gss specification, for plastic potting compounds	1966
19680087375	Qualification of Units for Use on the Apollo Program, Motors and Motor Generators, Miniature Induction, 1-30 Volts, 0-3 KC Audio Frequency	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087378	S-band power amplifier equipment	1966
19680087380	Injectant initiation valve failure mode analysis - titan 3-c project	1966
19680087393	Pershing qualification test report for device, circuit breaker	1966
19680087396	A primer on soviet superalloys	1966
19680087397	Research on solid state store using mos transistors annual report	1966
19680087401	Requalification Testing Conducted on Horex Model 5626-1 Linear Actuator	1966
19680087402	Operating time record, leak test, and vibration frequency response, addendum to	1966
19680087404	Vhf recovery beacon equipment	1966
19680087406	Resistance welding of component lead and interconnecting wire final report	1966
19680087409	Aviation and cosmonautics	1966
19680087410	Interplanetary navigational systems	1966
19680087411	Problems of docking and optical radar	1966
19680087412	Turbojet engines for high speeds	1966
19680087413	On an air cushion	1966
19680087414	Aircraft longitudinal oscillation	1966
19680087415	Attention - silver-zinc storage cells	1966
19680087416	Is there life in outer space?	1966
19680087419	Mechanical development for the avi-122b static inverter final report	1966
19680087420	Qualification test report and qualification test data for environmental tests for premodulation processor, serial no. 0267281000005	1966
19680087426	Design proof test no - 55a5395. test procedure and test report for 3.5 pound and 6.0 pound thrust unit assembly	1966
19680087427	Qualification test report of resistor	1966
19680087428	Transducer, temperature, resistance, cryogenic - qualification test report	1966
19680087429	Qualification test report for thermoelectric calorimeter transducers dac-sc-1b51689-1 and -503	1966
19680087430	Mission life tests, vhf/am equipment, s/n 07136803007	1966
19680087431	Mission life tests for premodulation processor equipment s/n 02672810006, volume ii qualification test report, 20 sep. - 11 nov. 1966	1966
19680087441	Qualification Test: United Transformer Corp DO-T8 Inductor	1966
19680087442	Qualification Test Report: Lighting Equipment-External	1966
19680087444	Saturn 5 vehicle capacity using voyager payloads, volume 2	1966
19680087454	Corrosion rates of selected alloys in the deep ocean	1966
19680087464	Second nmse system performance effectiveness conference	1966
19680087465	Operational aspects of systems effectiveness	1966
19680087466	The need for systems effectiveness during concept formulation	1966
19680087467	Cnm viewpoint on systems effectiveness	1966
19680087468	Bureau of ships viewpoint on systems effectiveness	1966
19680087469	Bureau of naval weapons viewpoint on systems effectiveness	1966
19680087470	Contractor viewpoint	1966
19680087471	Predicting systems effectiveness	1966
19680087472	Measuring and demonstrating systems effectiveness	1966
19680087473	Machinery effectiveness	1966
19680087474	Role of microelectronics in systems effectiveness	1966
19680087475	Role of packaging in systems effectiveness	1966
19680087476	Human factors aspects of systems effectiveness	1966
19680087477	Personnel and training aspects of systems effectiveness	1966
19680087478	Material aspects of systems effectiveness	1966
19680087479	Integrated logistic support	1966
19680087480	Ddf for design review and maintainability	1966
19680087481	Off-line testers	1966
19680087482	On-line testers	1966
19680087483	Data feedback system	1966
19680087484	Ihas integrated helicopter avionics system	1966
19680087485	An/sps-48 radar	1966
19680087488	Advanced 10 kw turbo-alternator. volume 2 - electrical system design concept studies	1966
19680087499	C.v.d. annual report - november 1966	1966
19680087503	Demonstration of a solid-propellant motor malfunction-detection and combustion termination system monthly progress report	1966
19680087505	Arc tunnel studies of nonequilibrium stagnation point heat transfer	1966
19680087507	Derivation of the dimensions of the teleseismic beam of a large aperture array	1966
19680087509	A mathematical model for the hs-10-1 arpa seismometer	1966
19680087516	Qualification testing of diode-transistor logic /dtl/ microelectronic devices	1966
19680087523	Central timing equipment /cte/ block ii model pp-2	1966
19680087524	Mission life test no. 2 - premodulation processor equipment s/n 02672810006	1966
19680087526	Tolerance limits for assemblies and engineering expressions	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087527	Surveillance inspection test on electron tube, special purpose, pentode, receiving	1966
19680087529	Surveillance inspection tests on resistors, fixed, carbon film, molded or dipped 1/8 watt	1966
19680087534	Qualification Test Report for Ambient Helium Medium Pressure Switch, Douglas Specification Control Number 7871397-507 General Test Plan Item No. U-5E, Model No. Saturn S-IVB	1966
19680087536	Size 10 synchro transmitters used in the 6500h compensating adaptor	1966
19680087542	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19680087543	Surveillance inspection test on resistor, fixed, metal film, precision, molded, or dipped, 1/2 watts	1966
19680087545	Effect of carbon additions on the shear modulus of tungsten and a tungsten - 3 percent rhenium alloy	1966
19680087546	Hardening mechanisms and delamination studies of 18 percent nickel marage steels technical report, 1 jul. 1964 - 1 mar. 1966	1966
19680087547	Bench test on pre-modulation processor equipment for the apollo c and d subsystem	1966
19680087548	Qualification test of hatch seal bond final report, 5-7 sep. 1966	1966
19680087550	Unified s-band equipment	1966
19680087551	Mission life tests for audio center equipment. volume 2 qualification test report, 19 aug. - 21 oct. 1966	1966
19680087553	Qualification test report and qualification test data for environmental tests for unified s-band equipment, serial no. 061418020005	1966
19680087559	Fault isolation in electronic devices. volume 2 - surface temperatures and temperature gradients of operating integrated circuits final technical documentary report, mar. 1965 - jun. 1966	1966
19680087566	Over-horizon buoy communications - parametric design guide, volume 1 final report	1966
19680087567	Blm-143 ku beacon magnetron production engineering measure quarterly progress report, 1 aug. - 31 oct. 1966	1966
19680087568	Thin film resistors final development report, jun. 1965 - oct. 1966	1966
19680087578	Space environmental criteria final report, 30 jul. 1964 - 30 jul. 1965	1966
19680087592	A design procedure for waveguide microwave time-delay filters	1966
19680087593	Helium Control Pressure Switch, Qualification Test P/N's 7851830-507U and -511W	1966
19680087594	Evaluation test report for capacitor - sprague p/n 238 p4735r5 and 4	1966
19680087599	Agard material properties handbook. volume 4 - heat resisting alloys	1966
19680087601	Qualification testing of latching relays	1966
19680087602	Reliability tests on capacitors, aluminum electrolytic ns 16390	1966
19680087605	Comparison test program on semiconductors, diodes, zener, silicon	1966
19680087611	Two n3445 npn silicon annular power transistor qualification test report	1966
19680087616	Nike-10 missile borne qualification tests on metal film resistors	1966
19680087617	Report of acceptance test on hoxel model 5626-1 actuator	1966
19680087618	Research on polybenzimidazole resin in composite structures interim engineering progress report, 15 jun. - 15 sep. 1966	1966
19680087619	Npn, 25 amp, medium speed switching transistors evaluation test report	1966
19680087620	Test procedure on qualification testing transformer, inverter	1966
19680087623	Comparison test program on resistor, fixed, composition, molded or dipped	1966
19680087628	Functions required in a special purpose digital differential analyzer	1966
19680087633	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19680087634	Bibliography on lasers	1966
19680087636	Evaluation test reports for cylinder, compressor gas	1966
19680087637	Periodic reevaluation test report for transformer-signal	1966
19680087639	Numerical topographic data and other new map products	1966
19680087640	User requirements for numerical topo data	1966
19680087641	Production of numerical topo data	1966
19680087642	R and d presentations on numerical topo data	1966
19680087643	New map products	1966
19680087647	Vacuum forming of titanium on integrally heated die manufacturing research report	1966
19680087648	Automatic tig in-place arc welding of tubular hydraulic lines /ti 6al-4v and am350 crt/ progress report	1966
19680087649	Qualification tests of weston instruments incorporated wheels and flaps position indicator-electrical part no. 112164 final report	1966
19680087650	Resistor, fixed, film /hermetically sealed, 1/2 watt/	1966
19680087651	Failure of douglas randall relays	1966
19680087655	Multiplex optical link at 0.9 mu liaison optique multiplex at 0.9 mu	1966
19680087657	Forming extruded titanium beam members	1966
19680087658	Stretch forming methods for sheet titanium alloy skins	1966
19680087660	Target specification for hydraulic fluid, high temperature, supersonic flight vehicle	1966
19680087662	Effect of environment on selected titanium alloys - phase 2b structural materials evaluation	1966
19680087665	Ablative nozzle throat postfire evaluation final report, 15 oct. 1965 - 14 jan. 1966	1966
19680087673	Fast rise time magnetrons annual report	1966
19680087692	Timer, event, digital readout	1966
19680087693	Control, translation	1966
19680087694	Reliability tests on capacitors, fixed, solid electrolyte, tantalum, type cs13a	1966
19680087696	Fuel tank relief bellows assembly, dac p/n 1a49985-503 and -505, qualification tests	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087699	Surveillance inspection test on resistor, fixed, metal film, precision, dipped, 1/8 watt	1966
19680087700	Comparison test program on semiconductors, transistors, general purpose, silicon, npn	1966
19680087701	Qualification test on wirewound resistors	1966
19680087703	Effect of radius blocks on the strength of hat-section flanges	1966
19680087704	Surveillance inspection test on electron tube, special purpose, triode, multiple, receiving	1966
19680087706	Fan, tubeaxial, blowers and fans, axial, ac	1966
19680087709	Line assembly, fill and drain, liquid oxygen	1966
19680087710	Development and Verification Test Report. Nut, Explosive, Frangible, Electrically Initiated	1966
19680087711	Tank assembly, pressure, gaseous, oxygen	1966
19680087712	Qualification test, switch, pressure, high performance	1966
19680087714	Goodyear 36x11 forged titanium wheel assembly 9550162 final engineering report	1966
19680087716	Life evaluation of the westinghouse fast switching rectifier diode 387d	1966
19680087720	Supersonic transport economic model ground rules	1966
19680087728	Power converter, 14 october - 22 november 1966	1966
19680087729	Electrical power circuit breaker panel assembly	1966
19680087730	Explosive train charges	1966
19680087731	Tee, oxidizer tank vent /3-way/ dac p/n 1b51506-1	1966
19680087737	Evaluation of encapsulated modules pressure tests on selected components	1966
19680087740	Igition parts and explosives-rocket ignition solid, squib pyrotechnics, electrical	1966
19680087741	Pulse transformer, environmental tests	1966
19680087746	Tank assembly, pressure, gaseous oxygen	1966
19680087753	Chemical preparation of 304l stainless steel for induction brazing interim report	1966
19680087756	Research on polybenzimidazole resin in composite structures interim engineering progress report, 15 sep. - 15 dec. 1966	1966
19680087769	Report of qualification tests on the thrust vector servo amplifier	1966
19680087771	Mechanical properties evaluation of some candidate titanium alloys for sst applications	1966
19680087772	Emc qualification test of s4b high frequency pressure transducer dac 1a88035-503	1966
19680087773	Life test of continental device corporation zener diode type cd4463 /in3157 a/	1966
19680087774	Qualification of units for use on the apollo program final report	1966
19680087776	Qualification of units for use on the apollo program. switches, electrical, manual, toggle, multiple pole final report	1966
19680087792	A precision permanent magnet stabilization technique 16 pmt pipa	1966
19680087793	Procedure for the design and optimization of liquid rocket propulsion systems final report	1966
19680087803	Qualification of units for use on the apollo program. amplifier, magnetic, 3-30 kc audio frequency 2-10 watts final report	1966
19680087825	Application of multiplexing for wiring reduction in an aerospace electronics system	1966
19680087828	Results of special flame measurements on titan iiic tests 3656/6025 and 6029/6546	1966
19680087877	Oxygen signal conditioner test report	1966
19680087878	Bendix type 31234-13a-a1 instruments-altitude, indicating and measuring, dial qualification test report	1966
19680087882	Silicon Diode, Design Development	1966
19680087883	Qualification of Units for Use on the Apollo Program Final Report	1966
19680087887	Machining of new materials interim engineering progress report, 1 jun. - 31 aug. 1966	1966
19680087891	Furnace sizing and stress relieving welded titanium structures	1966
19680087892	Periodic production test summary report capacitor, fixed, solid electrolyte, tantalum	1966
19680087902	Comparison test program on capacitor, fixed, tantalum, solid, hermetically sealed, lead mount	1966
19680087908	Qualification of units for use on the apollo program final report	1966
19680087913	Qualification tests on the bg287g1 reaction jet and engine on-off control, volume 1	1966
19680087916	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19680087917	Report of test on solar cell assemblies, qualification tests for adcole corporation	1966
19680087918	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19680087919	Fundamentals of liquid propellant sensitivity technical progress report, 1 mar. - 31 may 1966	1966
19680087920	Comparison test program of resistor, fixed, composition, molded or dipped, 1/4 watt	1966
19680087923	Battery adapter plates apollo qualification test	1966
19680087927	Advanced strapdown imu computer	1966
19680087930	Xb-70a nose wheel steering control system rigging and checkout	1966
19680087948	Power divider	1966
19680087949	Apollo spacecraft 012- ac power control box assembly p/n v16-451136-201	1966
19680087952	Qualification of units for use on the apollo program final report	1966
19680087956	Spacecraft 012, phase correction box assembly p/n v16-452543 and - 201	1966
19680087957	Gyro display coupler	1966
19680087958	Surveillance inspection test - qaet summaries 651.20.08.14-2g	1966
19680087959	Qualification of units for use on the apollo program. semiconductors, diodes, zener, silicon final report	1966
19680087960	Fuse, fast blow	1966
19680087967	Impact of future technology on navy business management. volume 1	1966
19680087968	Mission operating life test no. 1 premodulation processor equipment s/n 026728100006	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087969	Electric power driven engine control system study	1966
19680087975	Qualification of units for use on the apollo program. semiconductors, diodes, rectifier silicon final report	1966
19680087989	Periodic production test summary report potentiometer, wire wound	1966
19680087991	Transmitter, telemetry frequency modulated	1966
19680087994	Qualification of Units for Use on the Apollo Program: Semiconductors, Transistors, Power, NPN Silicon	1966
19680087997	Qualification of Units for Use on the Apollo Program: Synchros, Control Resolvers, Special Non Buord, 1-30 Volts, Other	1966
19680087998	Qualification of Units for Use on the Apollo Program: Doide - Reference	1966
19680088002	Qualification of Units for Use on the Apollo Program: Semiconductors, Diodes, Fast Switching, Silicon	1966
19680088004	Qualification Test of Reactors SPN 337316 - SPN 337338	1966
19680088005	Relay, Time Delay, Solid State	1966
19680088016	Lateral control of hovering vehicles with and without sling loads final report	1966
19680088043	Development of 25 mm diameter optic cascade image tube special processing equipment /u/ final report, 1 jun. 1962 - 15 jun. 1965	1966
19680088044	Image intensifier tubes 40mm i. r. /u/ final report, 20 jun. 1964 - 15 may 1966	1966
19680088063	The heat of formation of four high explosive compounds containing fluorine /u/	1966
19680088067	Atrid feasibility model and associated work /u/ interim engineering report, 1 jan. - 30 apr. 1966	1966
19680088068	Hydrogen-fluorine engine evaluation /u/ monthly status report	1966
19680088084	Nuclear magnetic resonance project long legs /u/ final development report, 4 apr. 1962 - 31 dec. 1965 nuclear magnetic resonance project long legs /u/ final development report, 4 apr. 1962 - 31 dec. 1965	1966
19680088094	Surveillance inspection test on resistor, fixed, metal film, precision, molded or dipped	1966
19680088107	Development of manufacturing methods for production of a wide dynamic range television pickup tube /u/ interim engineering progress report, 1 jun. - 31 aug. 1966	1966
19680088108	Development of a 25 millimeter microchannel intensifier image inverter tube /u/ interim technical report, mar. - aug. 1966	1966
19680088113	Experimental investigations of hypersonic, turbulent flow and laminar, leeward-side flow on 75-degree sweep delta wings /u/	1966
19680088116	High energy oxidizer stabilization studies /u/ final report, 14 jan. - 14 may 1965	1966
19680088130	High Energy Advanced Throttling Concept Study	1966
19680088134	Little joe 2 general performance capabilities /u/	1966
19680088140	A study of scramjet application merit and development cost /u/	1966
19680088149	Surveillance inspection test. qaet summaries 651.20.08.08-2g	1966
19680088150	Comparison test program - qaet summaries 651.75.08.08-2g	1966
19680088153	Surveillance inspection test - qaet summaries 153.70.20.44-2g	1966
19680088159	Recombination of ions in air and oxygen	1966
19680088169	Attitude control cluster unit assembly, 3.5 pound and 6.0 pound	1966
19680088170	Qualification, value, check, quadruple, aps	1966
19680088173	Thermocouple assembly, surface qualification test report	1966
19680088174	An iterative approach to traffic assignment	1966
19680088187	Sequential detection study /u/ final report	1966
19680088193	Electronic image integration viewer, volume 2 /u/ final report	1966
19680088197	Progress report, october 1966 /u/	1966
19680088206	Polyurethane elastomeric compound cps-796-65, type 2	1966
19680088210	Temperature - altitude qualification test report for the c250 test set, electrical power weapon system, ws 133b minuteman	1966
19680088212	Titanium alloys-environmental effects-hot salt corrosion	1966
19680088213	Resistor, fixed, film /hermetically sealed, 1/4 watt/	1966
19680088219	Meteorological data for predicting inhalation hazards from space-unit launch operations at point arguello technical report, jul. 1959 - jun. 1963	1966
19680088221	Contact, crimp type, electrical removable, for electrical connectors - final specification	1966
19680088224	Evaluation test report for transistor, flat pack, em79472	1966
19680088227	Tube drawing development of techniques for titanium alloys manufacturing research report	1966
19680088229	Qualification of units for use on the apollo program final report, 1 mar. - 15 nov. 1966	1966
19680088230	Squeeze film directional gyro feasibility study semiannual report, 1 jan. - 30 jun. 1966	1966
19680088232	Transonic wind tunnel tests of a 1/16 scale model of the grumman ea-6b airplane with external stores. volume 3 technical report, feb. - mar. 1966	1966
19680088241	Thin film thermistor temperature sensor final report, aug. 1965 - oct. 1966	1966
19680088242	Evaluation of processing techniques for producing premium quality, high strength aluminum alloy castings quarterly progress report, 1 jul. - 30 sep. 1966	1966
19680088249	Materials developments 1965	1966
19680088270	Mechanical Properties of Unfilled and Glass Powder Filled TFE Teflon	1966
19680088271	Comparison test program on capacitor, fixed, ceramic, molded, lead mount, mil-general	1966
19680088273	Bonding of silicone rubber to phenolic laminates final report	1966
19680088274	Comparison test program of resistors, fixed, composition, molded or dipped, 1/4 watt	1966
19680088278	High energy non-aqueous battery system quarterly progress report, 1 sep. - 30 nov. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088282	Apollo spacecraft 012 delta vibration retest, command module equipment	1966
19680088287	Electron-gamma and neutron irradiation testing of vhf power transistor 3 te 260	1966
19680088289	Uprighting System Panel Assembly S/c 012 - V16-451240	1966
19680088299	Electron-gamma and neutron irradiation testing of voltage regulator diode in 3692b	1966
19680088300	Qualification of shop materials as non-contaminants for titanium fabrication	1966
19680088303	Analysis and synthesis of advanced self-organizing control systems interim technical report, 1 may - 31 jul. 1966	1966
19680088312	Comparison test program on semiconductors, transistors, general purpose, germanium, pnp	1966
19680088316	Evaluation Polyurethane Elastomeric Compound CS-3547, Type 3	1966
19680088317	Evaluation Hysol 12-007 Epoxy Resin	1966
19680088318	Apollo qualification test spacecraft 012, circuit utilization eps box, p/n v16-442127- 301	1966
19680088323	Surveillance inspection test - qaet summaries 153.52.30.44-2g	1966
19680088327	Comparison test program - qaet summaries	1966
19680088330	Qualification of Units for Use on the Apollo Program. Semiconductors, Transistors, Power, Silicon, PNP, Final Report	1966
19680088331	Evaluation of fairchild semiconductor 2n3072 transistors	1966
19680088333	Comparison test program on resistor, fixed, wirewound, power, dipped, 2.5 watts	1966
19680088340	Surveillance inspection test - qaet summaries	1966
19680088344	Electron-gamma and irradiation testing of various electronic piece parts	1966
19680088360	Evaluation test of formula 3.36	1966
19680088361	Doping study of light metal based fuels final report, 3 jan. - 4 oct. 1966	1966
19680088363	Semiconductor injection laser annual report	1966
19680088364	Programmed instruction /pi/ in the army, fy 66	1966
19680088365	Compatibility test of igniter cartridge assembly	1966
19680088373	Bag Pack, Flotation, Inflatable	1966
19680088380	Investigation of the use of engine oils in aircraft hydraulic systems quarter progress report, phase 2, 1 aug. - 31 oct. 1966	1966
19680088382	Tensile Properties of A110-at /5al-2.5sn/ Titanium Alloy (nozzle Extension Material)	1966
19680088409	Apollo/saturn 1b launch mission rules as-204	1966
19680088411	Research on injection luminescence in wide gap semiconductors quarterly contract letter, 28 sep. - 27 dec. 1966	1966
19680088419	Study of saturn 5 with 4 156 inch diameter solid propellant motors	1966
19680088420	Qualification of Units for Use on the Apollo Program. Semiconductors, Diodes, Zener, Silicon Final Report	1966
19680088421	Tips to experimenters	1966
19680088430	Qualification of Units for Use on the Apollo Program	1966
19680088431	Qualification of Units for Use on the Apollo Program. Amplifiers, Magnetic, 3-30KC Audio Frequency.50-1 Watt Final Report	1966
19680088433	Subminiature, environment resisting - final specification	1966
19680088442	Surveillance inspection test of semiconductors diodes, general purpose, silicon	1966
19680088455	Hydraulic system preliminary data book. volume 2 - appendix	1966
19680088457	Improvement of titanium alloy formability by vacuum processing	1966
19680088478	Qualification of Units for Use on the Apollo Program. Semiconductor, Diodes, Zener, Silicon Final Report	1966
19680088509	Qualification of units for use on the apollo program final report	1966
19680088534	Supersonic transport impact on the commercial airplane market	1966
19680088548	Comments on the paper by r. c. wentworth, 'evidence for maximum production of hydromagnetic emissions above the afternoon hemisphere of the earth'	1966
19680088549	Radioisotope heat source ir and d program. volume 7 - impact tester design and analysis	1966
19680088550	Investigation of forming operations across welded titanium alloy sheet	1966
19680088551	Microwave induced potentials in neural nonlinear oscillators final technical report	1966
19680088553	Reproduction tests of two, 14-cell, 24-volt, type ms18122-1, silver-zinc, aircraft batteries, manufactured by gould-national batteries, inc., contract number n00383-67-c-2920	1966
19680088556	Turbine and compressor failure analysis	1966
19680088557	Evaluation of high temperature acrylic enamel final report	1966
19680088565	Qualifications for Units for Use on the Apollo Program. Synchros, Control Resolvers, Special Non Buord 1-30 Volts, Other Final Report	1966
19680088567	Hail hazards in stratospheric flight	1966
19680088568	High temperature bearings and lubricants - sst phase 2a, 2b and 2c	1966
19680088569	Stress relief of large panels	1966
19680088570	Effects of environment on selected titanium sheet alloys - phase 2c structural materials evaluation	1966
19680088572	Titanium tube swaging for structural applications	1966
19680088580	Comparison test program - qaet summaries 153.35.20.44-2g-03 to 08	1966
19680088586	All-weather landing system status report	1966
19680088587	Acoustical study of j-58 engines with and without ejector nozzles	1966
19680088589	Hydraulic system data book, volume 1 text	1966
19680088592	Sst phase 2-c hydraulic system actuator rod, dynamic and static seal tests	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088613	Briefing - comparison of large liquid and solid rocket motors for booster applications /u/	1966
19680088626	Flight test report of the qrc-213/t/ fredif detector system /u/ technical report, aug. 1964 - mar. 1966	1966
19680088627	Three-axis laser angular rate sensor /u/ quarterly report, 1 jul. - 30 sep. 1966	1966
19680088628	Investigation of various heat treatments for fracture cylinders /u/ final quarterly report	1966
19680088629	Communication and control systems laboratory /u/ interim engineering report, 1 may - 31 jul. 1966	1966
19680088631	Reflection and doppler characteristics of targets and clutter /u/ semiannual reports, 1 jul. - 31 dec. 1965, 1 jan. - 30 jun. 1966	1966
19680088632	Supersonic transport propulsion phase 2c /u/ monthly technical progress report for may 1966	1966
19680088633	Supersonic transport propulsion phase 2c /u/ monthly technical progress report for jun. 1966	1966
19680088634	Supersonic transport propulsion phase 2c /u/ monthly technical progress report for apr. 1966	1966
19680088635	Supersonic transport propulsion phase 2c /u/ monthly technical progress report for mar. 1966	1966
19680088636	Development of fused slurry silicide coatings for the elevated temperature oxidation protection of columbium and tantalum alloys progress report, 1 oct. - 31 dec. 1966	1966
19680088644	Future liquid rockets and needed combustion research technical memorandum	1966
19680088657	Neutron irradiation testing of ten types of voltage regulator diodes	1966
19680088693	Lasers in the uk - part 4 - some government laboratories, a collection of miscellany	1966
19680088702	Test plan - nacelle inlet ingestion of tire spray	1966
19680088705	Ray tracing with realistic ionospheric models interim scientific report, apr. 1964 - may 1965	1966
19680088706	Deep space surveillance radar	1966
19680088710	Subsonic diffuser tests	1966
19680088711	Analog analysis of second and third order loops subject to doppler accumulation time errors	1966
19680088714	Probability of star validation - no nod algorithm	1966
19680088715	Star availability program summary report	1966
19680088716	Proposed algorithm for stellar data acquisition	1966
19680088727	Fundamentals of liquid propellant sensitivity technical progress report, dec. 1, 1965 - feb. 28, 1966	1966
19680088740	Scale model studies of jet noise - 1966	1966
19680088741	Sst phase 2-c - engine compartment thermal and flame protection test	1966
19680088759	Survey of types of failures in fail-safe fuselage structures	1966
19680088784	Damper boom release reliability demonstration test report for ats program	1966
19680088785	Electrical grounding to titanium structure	1966
19680088788	Hunter-stanley Capacitors, WS-14, WS-144 Evaluation	1966
19680088789	Forming integrally stiffened titanium panels	1966
19680088790	Results of high-mach number altitude performance tests	1966
19680088799	Thin-film silicon-on-sapphire mos transistors special scientific report	1966
19680088816	Research on mechanisms of crack initiation in wrought polycrystalline beryllium interim progress report, 1 jun. - 30 nov. 1966	1966
19680088826	Ultrasound image video information - electroluminescent display and digital encoding	1966
19680088861	Impact of supersonic transport on united states economy. demand for a u. s. sst	1966
19680088865	Integrated microwave receivers interim technical report, 1 jun. - 31 aug. 1966	1966
19680088874	Failure mode analysis sst hydraulic system	1966
19680088879	Qualification Test Report No. 1223 for Switch, RF Transmission Line P/N 245D30100 NAA S&ID P/N ME452-0052-0111	1966
19680088887	Statistics applicable to the field of guidance analysis	1966
19680088891	High temperature electrical wiring for the sst	1966
19680088892	Sst inlet icing investigation in lockheed icing tunnel	1966
19680088893	Pratt and whitney engine compartment fire hazard test program - model I-2000	1966
19680088903	Sound attenuation of safety supply co. ear protectors geluidverzwakking van de gehoorbeschermer safety supply co.	1966
19680088921	Microphysical and chemical aspects of sea fog and oceanic haze final report	1966
19680088922	Report to nasa committee on aircraft operating problems relative to aviation safety engineering and research activities	1966
19680088923	Report to Nasa Committee on Aircraft Operating Problems Relative to Aviation Safety Engineering and Research Activities	1966
19680088924	Saturn 5/voyager thermal environment - continuum regime	1966
19680088932	Integrated microwave receivers interim technical report, 1 sep. - 30 nov. 1966	1966
19680088934	Reliability computer applications	1966
19680088963	Errors due to stellar sensor scale factor uncertainties	1966
19680088965	Probability of stellar acquisition using algorithm based on coherent spot storage /no-nod/	1966
19680088971	Heat transfer and pressure distributions in regions of sinusoidal protuberances on a flat plate	1966
19680088982	Environmental control evaluation advance astronics systems	1966
19680088990	High performance ablative composites for lifting reentry	1966
19680088994	Fracture mechanics application to materials evaluation and selection for aircraft structure and fracture analysis	1966
19680089003	Design study report for omega position location equipment control center progress report, 29 jun. - 30 sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089007	Preprints for the united states army operations research symposium, part 1	1966
19680089008	A stochastic surveillance decision model cybernetic correlators	1966
19680089010	Life-cycle materiel factors and their application to the planning and operating management of a fleet of vehicles	1966
19680089011	A technique for determining equipment lifetime	1966
19680089012	New methods for predicting electronic reliability	1966
19680089013	A model for evaluating and selecting future army fuel systems	1966
19680089014	Inclination and nodal crossing of the orbital plane from radar data	1966
19680089015	The effect of metric changes on resource allocation decisions	1966
19680089016	The birth and death of a message	1966
19680089017	Supply management models for repairable items	1966
19680089032	Gemini agena target vehicle gtv-5006, /gemini 11/ flight safety review at etr	1966
19680089033	Investigation of magnitude and distribution of stresses in welded structures quarterly progress report, 1 jul. - 30 sep. 1966	1966
19680089040	A three-dimensional terrain simulator and its use in a ground-to-flight-path intervisibility program	1966
19680089074	Detonation reaction control /small impulse engine/ final report, 15 may 1964 - 31 jul. 1966	1966
19680089078	Control research program for variable compressor and turbine components /u/	1966
19680089083	Nr reactor task force meeting, large, pa. june 27, 1966 /u/	1966
19680089084	Night vision goggles /u/ quarterly report	1966
19680089086	Launch Vehicle Flight Evaluation Report. Nasa Mission Gemini/Titan, GT-6A /U/ Launch Vehicle Flight Evaluation Report. Nasa Mission Gemini/Titan, GT-6A /U/	1966
19680089087	Launch vehicle flight evaluation report. nasa mission gemini/titan, gt-6a /u/	1966
19680089089	Flight data analysis of mod 2 c horizon sensor /u/	1966
19680089090	GLV-6 Preliminary Post-Flight Memorandum /Quick Look/ /U/	1966
19680089092	GLV-8 Post Flight Evaluation Report /Quick Look/ /U/	1966
19680089094	GLV-9 Post Flight Evaluation Report /quick Look/ /U/	1966
19680089102	Launch Vehicle Flight Evaluation Report of NASA Mission Gemini/Titan, GT-8	1966
19680089103	Launch vehicle flight evaluation report on nasa mission gemini/titan, gt-8 /u/ supplemental report no. 1	1966
19680089105	Gemini Launch Vehicle Performance Report /U/	1966
19680089107	Preliminary titan 3/agna error analysis for synchronous satellite /u/	1966
19680089112	Gemini/titan 2 launch vehicle glv-8 /gemini 7/6/ flight safety review briefing at etr /u/	1966
19680089113	Gemini/Titan 2 Launch Vehicle GLV-9 /Gemini 9/ Technical Review at NASA/MS	1966
19680089114	Gemini/titan 2 launch vehicle glv-9 /gemini 9/ flight safety review briefing at etr /u/	1966
19680089122	Launch test report sslv-5 vehicle 11 /u/	1966
19680089124	Feasibility demonstration of a large impulse solid rocket attitude control motor /u/ final report, jan. 1965 - aug. 1966	1966
19680089175	Throttleable monocompound rocket engine /u/, 11 feb. - 10 may 1966	1966
19680089176	Positive expulsion for thixo-propellants /u/ quarterly report, 11 apr. - 10 jul. 1966	1966
19680089179	Evaluation of high energy fuels and oxidizers in solid propellants /u/ quarterly progress report, 1 oct. - 31 dec. 1965	1966
19680089180	Instant corrosion-from "aerosol" spray preparations used in submarines /u/	1966
19680089182	Navy preliminary evaluation of the a-7a airplane, phase 1 /u/ final report	1966
19680089211	Design of microchannel array fabrication system and microchannel array evaluation system /u/ final report, 10 jun. 1965 - 10 jun. 1966	1966
19680089214	Launch Vehicle Flight Evaluation Report NASA Mission Gemini/Titan, GT-7 /U/	1966
19680089218	Launch vehicle flight evaluation report nasa mission gemini/titan, gt-9 /u/	1966
19680089219	Gemini agena target vehicle 5006 systems test evaluation /45 day report/ /u/	1966
19680089220	Nrx/est final report /u/	1966
19680089235	Investigation of analog readout techniques for detector mosaics /u/ interim report, 9 nov. 1965 - 7 may 1966	1966
19680089240	Theoretical, investigative, and experimental program directed toward design and development of an improved gallium arsenide infrared light source /u/ interim technical report, 1 jul. - 30 sep. 1966	1966
19680089241	Theoretical, investigative, and experimental program directed toward design and development of an improved gallium arsenide infrared light source /u/ interim technical report, 1 oct. - 31 dec. 1966	1966
19680089244	Curtailed sampling for variables	1966
19680089247	Guidance system operations plan, as-278. volume 2 - lm pgncs operations	1966
19680089268	Cold start testing of the j85-ge-13 engine Special report, 5 jan. - 4 apr. 1966	1966
19680089315	Investigation of sensor display and data handling techniques for manned asw aircraft, volume 1 /u/	1966
19680089316	Investigation of sensor display and data handling techniques for manned asw aircraft, volume 2 /u/	1966
19680089317	Guidance system operations plan, as-278. volume 1 - cm gncs operations	1966
19680089319	Development of a direction-finder antenna /u/ final report	1966
19680089324	Launch vehicle no. 10 flight evaluation /u/	1966
19680089327	Launch vehicle flight evaluation report, NASA mission Gemini/Titan, GT-10 /u/	1966
19680089345	New crystalline perchlorate oxidizer /sap/, availability of /u/	1966
19680089349	Navigation - traffic control techniques experiment study monthly progress report, 3 jun. - 2 jul. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089353	Lunar surface scientific mission simulation quarterly progress report, jul. - sep. 1966	1966
19680089377	A preliminary investigation of the use of scramjet propulsion in manned maneuvering spacecraft /u/	1966
19680089378	Measurements of the heat transfer to the flaps of the sv-5 vehicle model /u/	1966
19680089392	A probabilistic treatment of the aerospace nuclear safety of strontium-90, volume 2 /u/	1966
19680089393	A probabilistic treatment of the aerospace nuclear safety of strontium-90, volume 3 /u/	1966
19680089394	Evaluation of high energy fuels and oxidizer in solid propellants /u/ quarterly progress report, 1 jan. - 31 mar. 1966	1966
19680089395	Launch vehicle flight evaluation report nasa mission gemini/titan, gt-7 /u/	1966
19680089397	Antennas for synchronous - orbit communication satellite /u/	1966
19680089398	Attitude control system description for satellite that spins around an earth-pointing axis /u/	1966
19680089399	Attitude control system simulation for satellite that spins around an earth-pointing axis /u/	1966
19680089400	Research in fluoro-nitro compounds /u/ annual summary report, 1 oct. 1965 - 30 sep. 1966	1966
19680089409	Integrated motor demonstration for a forward area air defense system /u/	1966
19680089410	Demand-mode integral rocket-ramjet /u/ quarterly progress report, 17 jul. - 16 oct. 1966	1966
19680089411	Synthesis of energetic oxidizers /u/ technical progress report, 1 aug. - 31 oct. 1966	1966
19680089412	Sensitivity fundamentals /u/ technical progress report, 15 mar. - 14 jun. 1966	1966
19680089413	A study of the explosion limits of simple difluoramino compounds /u/ semiannual progress report, 1 feb. - 31 jul. 1966	1966
19680089419	Stellar acquisition feasibility flight program stellar sensor performance, volume 1 /u/ summary report	1966
19680089420	Stellar acquisition feasibility flight program stellar sensor performance. volume 2 - appendixes /u/ summary report	1966
19680089437	Preliminary ground rules and requirements for mol manned recovery /u/	1966
19680089438	Time spent over bodies of water and area coverage per orbit /u/	1966
19680089450	Millimeter wave transmission investigation /u/ engineering report, apr. 1965 - apr. 1966	1966
19680089452	Office of naval research sound and structures program. sound radiation from submerged stiffened cylindrical shells summary of theoretical and experimental results /u/	1966
19680089470	Significant waves in numerical prognosis les ondes significatives dans les previsions numeriques	1966
19680089471	Meso-meteorology and short range forecasting - a system for automated study of multi- dimensional relationships within large-volume data samples	1966
19680089473	Development of nondestructive methods for evaluating diffusion-formed coatings on metallic substrates summary report, jun. 1965 - may 1966	1966
19680089478	A progressive learning classifier	1966
19680089480	Apollo-saturn 1b launch operations plan as-203	1966
19680089489	Electroacoustic ear protector, mx-7307/ //uic interim report	1966
19680089493	Improvement in insb detector arrays interim engineering progress report, 15 sep. - 15 dec. 1966	1966
19680089507	Target, lem active docking	1966
19680089508	The application of steep pulse currents to the electrohydraulic and magnetic forming of metals zastosowanie stromych pradow udarowych do hydrodynamicznego i magnetycznego formowania metali	1966
19680089512	Plasma dynamics research interim progress report, 1 jan. - 31 dec. 1966	1966
19680089516	Hydrostatic test of 260-sl-3 motor chamber and nozzle shell final report	1966
19680089517	Final letter report of chemiluminescent panels	1966
19680089524	Production engineering measure for mechanization of high reliability capacitors quarterly report, 1 jul. - 30 sep. 1966	1966
19680089527	Oak ridge national laboratory status and progress report	1966
19680089551	Investigation for a "first-in first-out" data buffer memory progress report, 1-31 mar. 1966	1966
19680089569	Capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil-general	1966
19680089582	Fire hazard analysis of the jtf17 engine /u/	1966
19680089583	Gemini agena target vehicle 5005 systems test evaluation /45-day report/ /u/	1966
19680089590	Cx-6 v/stol assault transport support system evaluation report, supplement 1 /u/	1966
19680089601	X-ray scattering cross sections of ionized air	1966
19680089603	Examination of a broken, main connecting rod onderzoek van en gebroken hoofddrijfstang	1966
19680089604	Pershing strapdown guidance subsystem, volume 1, part 6	1966
19680089656	Storable prepackaged prepellant system stress analysis	1966
19680089657	Vibrational spectra of organophosphorus compounds 2. vibrational spectra of ch3pof2 and ch3pofc1 technical report, jan. 1964 - feb. 1966	1966
19680089668	Failure analysis report	1966
19680089683	Connectors, rf, miniature final test report	1966
19680089698	Silicon diode, step recovery final test report	1966
19680089705	Flight verification test report on transducers acceleration, voltage	1966
19680089708	Burst disc relief valve	1966
19680089713	Stress-strain characteristics of 321 stainless steel /annealed/ at room and cryogenic temperatures	1966
19680089714	Optical transmission measurements of small arms optische verplaatsings-metingen aan vuurwapens	1966
19680089716	Failure analysis report	1966
19680089721	Some general aspects of the interactions between the means of propulsion and lifting bodies at hypersonic speeds	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089729	Evaluation tests on amplifier, operational, chopper stabilized	1966
19680089749	Engineering studies and surveys in the field of parts failure prediction final report, jul. - dec. 1966	1966
19680089754	The detection of signals in noise progress report, sep. 1965 - sep. 1966	1966
19680089758	Application of vector plotting to flight flutter testing of the f-111b	1966
19680089772	Calculated response time histories for evaluation of flight flutter prediction techniques	1966
19680089773	Calculated response time histories for evaluation of flight flutter prediction techniques	1966
19680089794	Qualification of units for use on the apollo program	1966
19680089796	Failure analysis report on attaching methods and materials, welding, noc	1966
19680089811	Qualification of Units for Use on the Apollo Program	1966
19680089814	Failure analysis report	1966
19680089827	The response of a telemetry /vhf/ antenna to an ionized flow field surrounding a reentry nose cone /u/	1966
19680089828	A new mod 4 human factors interim report /u/	1966
19680089829	A new mod 4 human factors interim report. appendices a and b /u/	1966
19680089879	Separation Characteristics for the Air Launching of the SV-5P Manned Test Vehicle from a B-52 Mother Aircraft as Determined from Tests on a 2.5 Per-cent Scale Model in the NASA Llangley 7x10-foot High Speed Wind Tunnel	1966
19680089880	Separation and motion analysis for the air launching of the sv-5p manned test vehicle from a b-52 mother aircraft as determined from tests on 2.5percent scale models in the nasa- langley 7x10 foot high speed wind tunnel. volume 2 - engineering report	1966
19680089888	Development of a second generation intensifier sec camera tube /u/ interim technical progress report, apr. 13 - oct. 13, 1966	1966
19680089890	Microchannel plate development /u/ quarterly report, 31 mar. - 30 jun. 1966	1966
19680089892	Jet engine exhaust plume analysis /u/	1966
19680089934	Qualification of hughes products, inc. diode, in3915	1966
19680089949	Current status of studies on the effects of radiation on selected semiconductor devices	1966
19680089979	Central timing equipment block ii	1966
19680089986	Qualification tests on 2n2893 transistors	1966
19680089987	Qualification of units for use on the apollo program	1966
19680089993	Evaluation tests on resistors, fixed, wirewound, accurate	1966
19680090003	Mk-46 torpedo component periodic test program, transistor periodic production test report	1966
19680090004	Space power systems study	1966
19680090005	Qualification of units for use on the apollo program final report	1966
19680090018	Test report on semiconductor, diode, fast switching, silicone	1966
19680090032	Re-evaluation tests on inductors, power	1966
19680090033	Resistance measurements on irc metal film resistors after 5.8 years in uncontrolled storage	1966
19680090037	Failure analysis report	1966
19680090044	Evaluation tests on relays, type mr2a	1966
19680090061	Relationships for estimating peacetime air craft attrition	1966
19680090063	Study of impact on s-2 stage of improved j-2 engine	1966
19680090077	Mini-connector evaluation	1966
19680090078	Notes on interconnection cabling in digital systems	1966
19680090079	Influence of material impurities on radiation effects in semiconductors	1966
19680090084	Qualification test report on ceramic capacitors	1966
19680090101	Soldering reliability	1966
19680090113	Qualification test potter and brumfield relays sc 4265-2 and sc 7739	1966
19680090114	Qualification test potter and brumfield relays sc 4265-2 and sc 7739	1966
19680090129	Qualification test disconnent assembly engine cold helium purge, dac scn 1a49958-513, 1a49958-521 and 1a9958-523	1966
19680090132	Study of a renovated command module laboratory and renovated command module. volume 5 - cost analysis final report	1966
19680090141	Amplifier dc differential	1966
19680090142	Evaluation of transformer, nortronics 79280	1966
19680090144	Evaluation of units for possible usage	1966
19680090145	Report of test on 08-00482-000 filter	1966
19680090151	Development of a rapid stress corrosion test for aluminum alloys quarterly progress report, 1 sep. - 30 nov. 1966	1966
19680090157	Signal conditioner, strain gage, low level 521	1966
19680090160	Simulated launch abort	1966
19680090165	Relativistic effects on space tracking data semiannual status report for period ending 31 dec. 1966	1966
19680090171	Evaluation of unltrode in3983	1966
19680090189	Sst program phase 2-c. model l-2000-7a supersonic transport airport compatibility study final report	1966
19680090215	Evaluation of beryllium sheet produced by union carbide corp., nuclear division	1966
19680090217	Effect of forming on the metallurgical properties of titanium alloys	1966
19680090251	Environmental tests of 30 wurlitzer thermal batteries p/n 64c50552-p1, to general electric spec. s-6135-61-0001b, 2-25 february 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090263	Report of test on 08-00239-000 filter	1966
19680090266	Signal Conditioner, Strain Gage, Low Level, Final Specification	1966
19680090270	Terminal Strip, Sealed, Final Specification	1966
19680090286	Humidity test of focal plane shutter belts	1966
19680090291	Microelectronics evaluation, active filter interim report	1966
19680090296	Evaluation study - price electric corp. - type 506l relay per g-243952 and g-302934	1966
19680090298	Report of test on 08-00497-000 filter	1966
19680090299	Qualification of Units for Use on the Apollo ProgramL TR-298-1 16X Resolver	1966
19680090311	Report of test on 08-00487-000 filter	1966
19680090313	Report of test on 08-00490-0c0 filter	1966
19680090314	Report of test on 08-00458-000 transformer	1966
19680090326	Effect of sonic boom requirements on airplane sizing and economics	1966
19680090333	Pressure control of porosity in welding titanium	1966
19680090334	Tig welding of titanium sheet and plate	1966
19680090341	Band-pass filter, r/c final report	1966
19680090366	Technology transfer and the technology utilization program, 1965	1966
19680090403	Quarterly report, 1 october - 31 december 1966 /u/	1966
19680090417	Development of manufacturing methods for production of a wide dynamic range television pickup tube /u/ interim engineering progress report, 1 sep. - 31 dec. 1966	1966
19680090419	An investigation and development of film protected - convectively cooled nozzles /u/ final technical report	1966
19680090420	High speed digital circuitry development /u/ final report	1966
19680090421	Development and demonstration of nozzles using bulk pyrolytic graphite /u/ final report	1966
19680090422	Development of a 25 millimeter microchannel intensifier image inverter tube /u/ interim technical report, sep. - nov. 1966	1966
19680090457	Tracker development for contrast contour flyable hardware /u/ final report, 19 may 1965 - 18 aug. 1966	1966
19680090458	Traffic profile of messages originated at dcs tributaries /u/	1966
19680090459	Proximity phosphor focus study /u/ final technical report, 20 may 1965 - 20 aug. 1966	1966
19680090460	Development and demonstration of a beryllium rocket engine, volume 1 /u/ final technical report	1966
19680090463	A normal mode approach to underwater sound propagation /u/ research report	1966
19680090499	Evaluation of semiconductor power rectifiers final report	1966
19680090533	Radiation mapping of the snap-19c-2 generator	1966
19680090542	Qualification test report on semiconductors, transistors, general purpose, silicon, npn	1966
19680090549	Thin ferrites for integrated microwave devices quarterly technical report, 1 apr. - 30 jun. 1966	1966
19680090550	Thin ferrites for integrated microwave devices quarterly technical report, 1 jan. - 31 mar. 1966	1966
19680090558	Active optical imaging system. part 1 - system description final report, jun. 1964 - jun. 1966	1966
19680090562	Long term vibration test	1966
19680090569	Individual differences in after-effects of apparent motion. part 3 - spiral after-effect persistence, estimations of loudness, motion sickness susceptibility	1966
19680090570	Us/canadian shared development program on us metro rocket program interim progress report, aug. 1 - dec. 31, 1966	1966
19680090571	Us/canadian shared development program on us metro rocket program interim progress report, oct. 1965 - jul. 1966	1966
19680090574	Individual differences in after-effects of apparent motion. part 1 - a summary of the initial experiments	1966
19680090575	A preliminary proposal to irradiate a uranium-graphite fuel bundle in wr-1	1966
19680090577	Fuels and materials branch annual progress report, 1 jan. - 31 dec. 1966	1966
19680090578	Electron probe analysis of sections taken from a lead-bismuth thermal convection loop	1966
19680090631	The application of large verticle helical mixers for mixing composite propellants	1966
19680090639	Minex improvement program final report, jul. 1, 1965 - jun. 30, 1966	1966
19680090650	X-ray photoelectric absorption cross sections of ionized air	1966
19680090652	Army advanced afcs study. book 1 - phase 2 final report, 1 sep. 1965 - 31 aug. 1966	1966
19680090653	Army advanced afcs study. book 2 - phase 2 final report, 1 sep. 1965 - 31 aug. 1966	1966
19680090656	Qualification test- flex hose assembly, gn2 1/4 inch, 6000 psig dac scn 1b61546-501	1966
19680090666	Mk-46 torpedo component periodic test program, transistor	1966
19680090667	Ablative chamber test program monthly progress report, 1 - 30 apr. 1968	1966
19680090674	Athena program bibliography of research and development reports	1966
19680090679	Electrical grounding criteria for ws-133b minuteman weapon systems	1966
19680090691	Simulated flight cycle tests on hose assemblies, flexible	1966
19680090700	The acoustic and structural characteristics of undersea radomes	1966
19680090704	A government-wide system for the exchange of research management data and scientific information	1966
19680090712	Trap terminal radiation program monthly progress report, 16 oct. - 15 nov. 1966	1966
19680090730	Nonparametric statistical hypothesis testing applied to radar cross section signature discrimination	1966
19680090735	Evaluation of processing techniques for producing premium quality, high strength aluminum alloy castings quarterly progress report	1966
19680090736	X-ray study on intermetallic compound ti ni	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090737	Individual differences in after-effects of apparent motion. part 2 - judgements of exponentially decaying signals, impulsiveness, and motion sickness susceptibility	1966
19680090767	Nascom network performance with analysis during gta-8 mission	1966
19680090773	Procedures-specifications-standards manual	1966
19680090776	Procedures manual for lasl alpha systems at the nevada test site	1966
19680090779	Test procedure and test report for attitude control, 3.0 pound h202 settling engine	1966
19680090783	Unclassified research and development programs	1966
19680090810	Athena program plan - contractor data requirements list, sequence number 1	1966
19680090816	Ballistic missile retargeting study bimonthly progress report, apr. - may 1966	1966
19680090820	Dynamic stability investigation of a typical fin-body configuration with a forward-mounted, reaction-jet control system /u/	1966
19680090821	Mechanical behavior of a polyvinyl chloride plastisol composite solid propellant /u/ quarterly technical summary report, 1 jun. - 31 aug. 1966	1966
19680090825	Flight Experience with Mach 3 Inlet Control Systems in the XB-70	1966
19680090827	Operational reliability improvement program /u/ summary final report, 25 aug. - 28 oct. 1965	1966
19680090843	High precision 5mc quartz resonators for temperature control between 20 deg and 30 deg c	1966
19680090845	Mediterranean communications system /486l/, part 1 of 2, etnic, phase 5 final test report	1966
19680090857	Rakot - general three degrees of freedom trajectory simulation	1966
19680090865	Mistram spectral analysis procedures	1966
19680090868	Appendix 2 - rae structural analysis	1966
19680090877	Metallurgy research and development for fast-breeder reactors monthly progress report, 1-31 oct. 1966	1966
19680090882	Further analysis of the multiple sidelobe canceller	1966
19680090896	Measurements of fast neutron induced ionization currents in semiconductor circuit elements	1966
19680090913	Inadvertent separation switch	1966
19680090933	Review of r and d on organic rankine cycle power generation systems	1966
19680090951	An interactive system for computing dependencies, phrase structures and kernels	1966
19680090955	Configuration management requirements document titan iim system	1966
19680091011	Communications electronics facility and system implementation test methods. volume 3 - implementation test methods for the long distance terminal subsystem	1966
19680091087	Blade row interference effects on torsional flutter of unstalled cascade blades at zero deflection	1966
19680091088	Evaluation of stagnation-temperature measuring technique in the sandia 18-inch hypersonic wind tunnel	1966
19680091129	Evaluation test, stressed panel fastener	1966
19680091150	High-temperature materials program quarterly progress report, period ending 31 jan. 1966	1966
19680091160	Air data baseline measurement feasibility test analysis	1966
19680091172	Communications electronics facility and system implementation test methods. volume 2 - system implementation test methods for the wideband transmission subsystem	1966
19680091203	Communications electronics facility and system implementation test methods. volume 1 - facility implementation test methods for the wideband transmission subsystem	1966
19680091207	High spectral resolution atmospheric transmission	1966
19680091220	On fuels and materials quarterly progress report, 1 jul. - 30 sep. 1966	1966
19680091224	Oak Ridge National Laboratory Status and Progress Report, October 1966	1966
19680091231	Fuels and materials development program quarterly progress report for period ending 31 sep. 1966	1966
19680091232	Aeroballistic analysis of this strypi 4 rocket system	1966
19680091236	Study of a circular traveling wave antenna array system. volume 2 - appendices a and b final technical report, 15 jan. - 15 apr. 1966	1966
19680091247	Wave dynamics model for engine and duct transient analysis	1966
19680091263	Flight test evaluation report for flight test missile 463 /u/	1966
19680091264	Flight test evaluation report for flight test missile 2045 /u/	1966
19680091266	Monopropellant gas generator /u/ quarterly report, 27 jun. - 26 sep. 1966	1966
19680091267	Flight test evaluation report for flight test missile 2022 /u/	1966
19680091279	A new technique for studying very rapid thermal decomposition kinetics	1966
19680091280	Epr study of nf decomposition /u/	1966
19680091281	Structure vs. sensitivity of nf compounds /u/	1966
19680091282	Capillary burning rate studies of nf liquids /u/	1966
19680091283	Shock-tube n-f sensitivity testing	1966
19680091284	The thermal decomposition of info-635p /u/	1966
19680091285	Thermal decomposition studies on poly fa-bde /u/	1966
19680091286	The decomposition of solid info-635-p, tris-u, and btu /u/	1966
19680091288	Kinetics and mechanism of the pyrolysis of compound t and related compounds /u/	1966
19680091289	Very low pressure pyrolysis studies of nf compounds /u/	1966
19680091290	The branched-chain explosion of domino compounds /u/	1966
19680091291	Kinetics of decomposition of nf compounds in aqueous solution /u/	1966
19680091292	Effect of isomeric structure on failure diameter of dp compounds /u/	1966
19680091293	Physical desensitization of nf materials /u/	1966
19680091295	The explosives characterization of nfpa-tvopa propellant manufacture /u/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091296	Thermal stability and reactivity of a salt containing the pfa cation /u/	1966
19680091297	Sensitivity measurements on compounds "r" and "t" /u/	1966
19680091298	Low velocity detonations /u/	1966
19680091300	New explosive reactions of hydrogen and n-f compounds	1966
19680091301	[No Title]	1966
19680091369	Flight test evaluation report for flight test missile 2017 /u/	1966
19680091370	Flight test evaluation report for flight test missile 2053 /u/	1966
19680091371	Throttleable monocompound rocket engine /u/ final report, 11 nov. 1963 - 10 nov. 1965	1966
19680091394	Research leading to the development of an atomic hydrogen maser for space vehicle application monthly progress report, 1-30 apr. 1966	1966
19680091427	Instrumentation system diagrams - sa-501 through sa-503. volume 1 - s-1c	1966
19680091428	Instrumentation system diagrams - sa-501 through sa-503. volume 2 - s-2	1966
19680091429	Instrumentation system diagrams - sa-501 through sa-503. volume 3 - s-4b	1966
19680091430	Instrumentation system diagrams - sa-501 through sa-503. volume 4 - instrument unit	1966
19680091431	Large high-temperature sandwich structures interim engineering progress report, 16 mar. - 16 jun. 1966	1966
19680091448	Wind tunnel tests on a 20 per cent ellipse with tangential slot blowing	1966
19680091466	Atlas Fuel Tank Propellant Slosh Model Tests	1966
19680091470	Conflex 1 - target detection and acquisition experiments /u/ final report	1966
19680091514	Component parts evaluation report on capacitor, fixed, ceramic mil-c-20, temperature compensating dipped, lead mount	1966
19680091516	Brush anodizing as a repair technique for anodized aluminum	1966
19680091547	Component parts evaluation report connectors, etc.	1966
19680091551	Sea, land, and rain clutter measurement /u/	1966
19680091575	Components parts evaluation report - delay line, etc.	1966
19680091577	Evaluation of atmospheric transmittance formulae	1966
19680091624	Evaluation of 4 pdt latching relays, r2158	1966
19680091626	Apollo radiator control heater development tests	1966
19680091629	Component parts evaluation report on semiconductor, transistor, general purpose, silicon, pnp	1966
19680091640	Review of aircraft accident statistics, u.s. navy. supersonic transport program, task 1 supplement /u/ final technical report	1966
19680091641	Reduction of gas turbine engine exhaust smoke /u/ interim report	1966
19680091654	Rotary switches - off-limit tests	1966
19680091658	Sunephem, a fortran program producing an ephemeris of the sun's azimuth and elevation angles	1966
19680091666	Capacitors, fixed, ceramic, molded, lead mtg., contractor hi-rel qualification test report	1966
19680091672	Antelope engineering evaluation test procedure scd p/n 2360611, connector eet 2057	1966
19680091676	Surveillance inspection test	1966
19680091681	Filter, rfi, low pass	1966
19680091682	Capacitor, polycarbonate	1966
19680091684	Flam arrester - fuel dump chute	1966
19680091685	Thermal resistance measurements final report	1966
19680091686	Thermodynamics flight test instrumentation for the model xb-70 air vehicle no. 2	1966
19680091688	Comparison test program	1966
19680091689	Instrumentation equipment specification transducer, temperature, platinum resistance type, for corrosive fluids, basic specification	1966
19680091696	Surveillance inspection test on capacitor, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil-general	1966
19680091697	Vibration feedback averaging	1966
19680091698	Data system planning	1966
19680091702	A coverage diagram program for site evaluation	1966
19680091703	Comparison test program	1966
19680091704	Surveillance inspection test on capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil-general	1966
19680091709	Qualification of toggle switch	1966
19680091712	Switch, electrical, manual, rotary, noc	1966
19680091737	Silicon fast recovery power rectifier	1966
19680091738	Transformers, Variable Rheostat Ganged	1966
19680091746	An analysis of the simulation of the reentry environment in a high enthalpy plasma arc tunnel	1966
19680091748	Aircraft attrition /aa/ model description and user's guide	1966
19680091753	Qualification of Velcro Hook Handholds	1966
19680091760	Evaluation of transistor, npn, silicon darlington made by solitron	1966
19680091761	Vibration isolation of systems under quasi steady state accelerations with flexible polyurethane foam	1966
19680091769	Component parts evaluation report on transformer, audio frequency, interstage, hermetically sealed	1966
19680091777	Transformer, variable, power	1966
19680091781	Mark 3 h-1 turbopump - preliminary checkout	1966
19680091783	Structural and mechanical effects of interstitial sinks	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091786	Component parts evaluation report on connectors, electrical, plug, printed circuit, captive contact	1966
19680091788	Turbopump - preliminary checkout Final specification final specification report	1966
19680091802	Composite materials for turbine compressors interim engineering progress report, 1 sep. - 30 nov. 1966	1966
19680091805	Two Disconnect Valves, Self-sealing, ME273-0013-0015 (AH) ME273-0013-0007(GH)	1966
19680091806	Two one-inch type 3 disconnect valve with type 3 high pressure cap	1966
19680091808	Protective coatings for refractory metals- slurry	1966
19680091817	Transient base pressure study of an axi-symmetric supersonic missile flying head-on through a blast wave	1966
19680091826	Component parts evaluation report on capacitor, fixed, ceramic, mil-c-11015, molded lead mount, mil-general qualification test report	1966
19680091827	Turbopump assembly, gearcase run-in specification final specification	1966
19680091836	Thermal resistance measurements for jet propulsion laboratory final report	1966
19680091837	Thermal Resistance Measurements for Jet Propulsion Laboratory	1966
19680091855	Fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil-general	1966
19680091860	Brazing beryllium by capillary flow interim technical documentary progress report, 1 apr. - 30 jun. 1966	1966
19680091866	Surveillance inspection test	1966
19680091869	Capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil-general	1966
19680091872	Semiconductor, diode, varactor, silicon final test report	1966
19680091876	Solenoid, linear, high temperature	1966
19680091877	Evaluation of time domain reflectometer, model 140a/1415a, for cable testing	1966
19680091879	Pershing qualification test for device, connector	1966
19680091882	Comparison test program on capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil-general	1966
19680091888	Component parts evaluation report on semiconductor, transistor, field effect, silicon, p-channel	1966
19680091889	Equipment specification for a multi-contact, hermetic, electrical heater	1966
19680091892	Surveillance inspection test on capacitors, fixed electrolytic, tantalum, solid, hermetically sealed, lead mount, mil-general	1966
19680091897	Comparison test program on capacitors, fixed, electrolytic, tantalum, solid hermetically sealed, lead mount mil-general	1966
19680091899	Failure analysis report on valve, cryogenic, 9-100 psig, multi function, poppet, pressure	1966
19680091904	X-ray vidicon analysis of microelectronic devices	1966
19680091912	Equip. spec., spring assembly, flow indicator, photocon flow monitor	1966
19680091925	Evaluation of 4pdt latching relays, 2158	1966
19680091931	Transistor, pnp. silicon switch	1966
19680091933	Component parts evaluation report	1966
19680091941	Component parts evaluation report	1966
19680091943	Specification control drawing	1966
19680091949	Liquid Hydrogen Feedline, Type 2. Qualification and Reliability Test Report	1966
19680091970	Mechanical evaluation of motorolas 2n3444 npn silicon transistor	1966
19680091988	Thermal resistance measurements Final report	1966
19680091991	Thermal resistance measurements Final report	1966
19680092017	On organizational aging in an r and d facility	1966
19680092039	Active optical imaging system. part 2 - performance tests final report, jun. 1964 - jun. 1966	1966
19680092103	Network performance analysis for the gt-5 mission	1966
19680092104	Network Performance Analysis for the Gemini GT-4 Mission	1966
19680092113	Spacecraft 7 rss fuel cell performance analysis	1966
19680092155	Engineering evaluation of gt-5 recovered stage 1 oxidizer tank, lv 407	1966
19680092184	Weapon system 133b. individual motor report. u.s. air force western test range flight test of m55a1 minuteman stage 1 motor 0013001 flight test missile 2022 /u/	1966
19680092218	Method of determining the seepage from dry coatings methode ter bepaling van het bloeden van gedroogde verflagen	1966
19680092264	Exploratory development of the dual mode scramjet. phase 1 - inlet and inlet/ combustor analysis and experimental evaluations /u/ final interim report, apr. 1965 - may 1966	1966
19680092265	Air separator test program /u/ final experimental phase report	1966
19680092301	Electromagnetic forming of sst tubular parts	1966
19680092302	Flight and launch loads for the slv-3 atlas/ agena d/lunar orbiter configuration	1966
19680092305	Standard operating procedures - experimental clean assembly and sterilization laboratory	1966
19680092306	Electrical discharge processes annual technical report, 1 oct. 1964 - 1 oct. 1965	1966
19680092307	Observations of pogo ion chamber experiment in the outer radiation zone	1966
19680092313	Experimental statistics engineering design handbook	1966
19680092318	Separation system, detonator hotwire, electrically initiated	1966
19680092349	Thermal resistance measurements test program final report	1966
19680092357	Liquid hydrogen tank pressure supply line assembly	1966
19680092361	Turbulent flow of elasticoviscous non-newtonian fluids	1966
19680092366	Comparison test program on capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil-general	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092381	A summary of the noise performance of active integrators in nuclear spectrometry	1966
19680092405	Some studies of the mechanism of fretting fatigue	1966
19680092425	Weapon system 133b. individual motor report, u.s. air force western test range flight test of m55a1 minuteman, stage 1 motor 0013007 flight test missile 2053 /u/	1966
19680092426	Weapon system 133b. individual motor report, u.s. air force western test range flight test of m55a1 minuteman, stage 1 motor 0012775 flight test missile 2017 /u/	1966
19680092453	Logistics System Evaluation Study	1966
19680092458	Surveillance inspection test on capacitor, fixed, paper, hermetically sealed, lead mount, mil-general	1966
19680092459	Comparison test program on capacitors, fixed, electrolytic, tantalum solid, hermetically sealed, lead mount, mil general	1966
19680092461	Surveillance inspection test on semiconductors, diodes, voltage reference, /not zener/ silicon	1966
19680092462	Surveillance inspection test on capacitor, fixed, ceramic, molded, lead mount, mil general	1966
19680092463	Surveillance inspection test on capacitors, fixed, film, metalized, hermetically sealed, lead mount, mil-general	1966
19680092464	Surveillance inspection test on semiconductor, diodes, general purpose, silicon	1966
19680092466	Evaluation of corona resistant teflon hook-up wire manufactured by w. l. gore and associates, inc., drawing no. 7528256	1966
19680092467	Surveillance inspection test on semiconductor, diodes, voltage reference /not zener/, silicon	1966
19680092469	Surveillance inspection test on capacitor, fixed, ceramic, molded, lead mount, mil- general	1966
19680092481	Interstitial sink effects in columbium alloys	1966
19680092490	Distribution box, aft instrumentation	1966
19680092491	Surveillance inspection test	1966
19680092492	Comparison test program on resistor, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19680092493	Comparison test program on resistor, fixed, metal film, precision. molded or dipped, 1/4 watt	1966
19680092494	Comparison test program on resistor, fixed composition, molded or dipped 0.250 watt	1966
19680092495	Comparison test program on capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil general	1966
19680092496	Comparison test program on capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil gen	1966
19680092499	Comparison test program on capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil gen	1966
19680092500	Surveillance inspection test on capacitor, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, mil general	1966
19680092541	A method for improving a dynamic model using experimental transient response data	1966
19680092543	Qualification Test - Valve, Pneumatic, 3 Way N2O4	1966
19680092545	Surveillance inspection test of semiconductor, diodes, general purpose silicon	1966
19680092553	An objective wind criterion based on the bivariate-normal model of winds aloft statistics	1966
19680092572	Launch vehicle no. 6 flight evaluation /u/	1966
19680092573	Launch vehicle no. 7 flight evaluation /u/	1966
19680092611	Pressure vessel, helium	1966
19680092624	An analytical and experimental evaluation of the damping capacity of sandwich beams with viscoelastic cores	1966
19680092627	Radiation-gamma induced color centers in anthracene	1966
19680092630	Investigaton of polyurethane foam for aircraft fuel system applications Technical memorandum 21 Feb. - 1 Sep. 1966	1966
19680092637	Manual of reliability measurement	1966
19680092650	Thermal resistance measurements test program Final report	1966
19680092659	LGM-30, third stage propellant surveillance Summary report	1966
19680092662	Thermal resistance measurements test program Final report	1966
19680092667	Effect of impact loading on the wear life of Teflon fabric lined bearings	1966
19680092675	Qualification and evaluation of unijunction transistors	1966
19680092688	Thermally reflective rain-erosion resistant coatings	1966
19680092689	Regulator - Pressure, liquid oxygen tank, missileborne	1966
19680092690	Regulator - Helium, pressure, missileborne	1966
19680092693	Engineering evaluation test procedure - Connector	1966
19680092701	Nuclear heating in graphite in DFR core	1966
19680092708	Qualification tests tank assembly - Infinite baffled T1-23-200-48008	1966
19680092711	Vehicle electronic design engineering manual, switch section	1966
19680092718	Acceptance tests SP-217-1002 tank assembly	1966
19680092722	Engineering evaluation test. Connector socket contact	1966
19680092734	Qualification of hotwatt resistor, 1678601	1966
19680092749	Resistor, fixed, carbon, film, molded or dipped, 0.500 watt Surveillance inspection test	1966
19680092780	Surveillance inspection test	1966
19680092783	Component parts evaluation report on semiconductor, transistor, power, silicon p-n-p	1966
19680092786	Development of continuous filament reinforced metal tape	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092788	Wrench torque capability of internal and external wrenching hexagonal bolts	1966
19680092790	Skydrol 7000 resistance of rain erosion coatings	1966
19680092813	Resistor, fixed, carbon film, molded or dipped, 0.500 watts Surveillance inspection test	1966
19680092816	Interstitial sink effects in columbium alloys Interim engineering progress report, 1 Jun. - 30 Aug. 1966	1966
19680092819	Evaluation of Texas Instruments 2N3330 field effect transistors per GE/LMED drawing 7528059	1966
19680092822	Development and testing of cellular packing material	1966
19680092823	Evaluation of sonic release check out at SCl, test 2.3.4.1	1966
19680092826	Evaluation of SCR BuOrd dwg. no. 2412484	1966
19680092834	Qualification test for the Hydraulic Research and Manufacturing Co., model 25 servo valve used on DMG109D1 hydraulic servo actuator	1966
19680092846	Resistor, fixed, carbon film, molded or dipped, 0.500 watt Surveillance inspection test	1966
19680092847	Resistor, fixed, carbon film, molded or dipped, 0.125 watts Surveillance inspection test	1966
19680092852	Committee on Beryllium Metallurgy Eighth Progress Report	1966
19680092853	Integrated approach to research on and design methods for carbon composite materials Progress report, 17 May - 31 Oct. 1966	1966
19680092854	Perchloric acid and its compounds in organic synthesis	1966
19680092855	Integrated approach to research on and design methods for carbon composite materials Progress report, 1 Nov. - 31 Dec. 1966	1966
19680092860	Evaluation of Elpac metalized teflon capacitors	1966
19680092872	Study of a circular traveling wave antenna array system. Volume 3 - Appendices C through L Final report, 15 Jan. - 15 Apr. 1966	1966
19680092875	Systematic latitude drift of sunspots	1966
19680092876	Improvement of the calculation of the ground state of atomic species of helium type	1966
19680092877	Degrees of freedom of a microwave or optical wavefront	1966
19680092878	The problem of hail prevention	1966
19680092880	The Production of Perfluorocyclopropane in the Reaction of Oxygen Atoms with Tetrafluoroethylene	1966
19680092882	Gas Chromatographic Determination of Methyl Centralite and Diphenylamine in 20-mm Gun Propellant	1966
19680092912	Pre-production test report for NASA safety and arming device	1966
19680092921	Reaction of Nitric Oxide (A (sup 2) Sigma (sup Plus)) with Carbon Dioxide	1966
19680092933	Semiconductor, transistor, fast switching silicon, n-p-n	1966
19680092950	Solid fission products in irradiated uranium dioxide	1966
19680092971	Surveillance inspection test on resistor, fixed, carbon film molded or dipped, 0.125 watts	1966
19680092981	The mechanical properties of potential PFR cladding materials in the unirradiated condition	1966
19680092983	Design, Construction, and Operation of the Aerospace Corporation Beryllium Toxic Materials Laboratory	1966
19680092988	X-19, category 1 limited flight evaluation	1966
19680092991	System Test Objectives Gemini Atlas Agena Target Vehicle System (Gemini 11)	1966
19680093008	Evaluation of Keensert, KNHL428SP and KNL428SP series inserts installed in plastic laminated materials	1966
19680093010	Saturn 5 AS-503 preliminary range safety analysis	1966
19680093011	Theoretical study of excited states of atomic species of helium type	1966
19680093013	Selection rules of two-electron transitions	1966
19680093014	Far ultraviolet absorption spectra of the water and heavy water vapors	1966
19680093016	Minimum electron density required for wave reflection from the ionospheric D-region	1966
19680093081	Study of cumulative damage techniques for the prediction of motor failure Quarterly technical summary report, 1 Sep. - 30 Nov. 1966	1966
19680093098	Dynamic stability analysis of two lunar penetro-meter configurations	1966
19680093104	Evaluation of Watlow resistor 1678601	1966
19680093108	Radiation-effects, state of the art, 1965-1966	1966
19680093147	Component parts evaluation report on transistor, n-p-n, silicon, power	1966
19680093159	Evaluation tests on terminal boards /turret type/ mfrs. type no. 409-1803	1966
19680093162	To evaluate r/d gas regulators Fairchild p/n 351000	1966
19680093167	Pilot's loads for control system design	1966
19680093169	Report of sub-committee /37th/ no. 18. Standard strength data for materials and rivets	1966
19680093176	Results of simulated altitude testing of the Bell model 8258 LEM ascent liquid propellant rocket engine. Phase 1 - Lunar mission environment test /U/ Technical report, 31 Aug. - 10 Dec. 1965	1966
19680093178	A study of the hydrodynamic aspects of the combustion processes in liquid propellant guns /U/ Final technical report, 26 Mar. 1965 - 26 Mar. 1966	1966
19680093180	Night-vision devices and quieted aircraft for patrol at night /U/	1966
19680093182	Altitude performance of the Aerojet-General Corporation high energy propellant ANB-3212 in a 10KS2500 rocket motor /U/ Technical report, 8-11 Mar. 1966	1966
19680093210	Nucleophilic additions to double bonds. 1. Additions to 1-substituted-3, 3-dinitro-1-propenes /U/	1966
19680093212	Chemistry research quarterly progress report, January - march 1966 /U/	1966
19680093214	Feasibility demonstration of advanced attitude control systems /U/ Quarterly progress report, 1 May - 31 Jul. 1966	1966
19680093219	Gas generators mark 2 mod 1 and mark 3 mod 1 /Tartar/Terrier/ Type-life program /U/ Final report	1966
19680093221	ICRPG Propellant Ingredient Synthesis Conference - Abstracts and slides /U/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093222	Investigation of techniques for decontamination and control of advanced propellant spills /U/ Final technical report, 1 Mar. 1965 - 28 Feb. 1966	1966
19680093223	Molecular substitution studies /U/ Quarterly technical report, 1 May - 31 Jul. 1966	1966
19680093224	Development and test of high energy solid propellants /U/ Quarterly progress technical report	1966
19680093225	Preparation and characterization of a new high-energy oxidizer, addendum /U/ Final technical report, 15 Nov. 1964 - 15 Nov. 1965	1966
19680093226	Investigation of a high-energy monopropellant /U/ Final report, 1 May 1964 - 8 Mar. 1966	1966
19680093227	Heterogeneous propellant storage testing /U/ Final technical report, May 1965 - May 1966	1966
19680093228	Reinforced grain, advanced development program /U/	1966
19680093242	Throttleable monocompound rocket engine /U/ Final report, 11 Nov. 1965 - 10 Nov. 1966	1966
19680093248	Altitude performance evaluation of two Thiokol HP2 high energy solid propellants /U/	1966
19680093252	Performance characteristics of a cryogenic tripropellant system /U/ Final technical report, 1 Mar. 1964 - 30 Sep. 1966	1966
19680093261	Combustion study of light metal based fuels /U/ Quarterly report, 1 Aug. - 31 Oct. 1966	1966
19680093262	Air Force Rocket Propulsion Laboratory FY 67 in-house research and development program /U/	1966
19680093268	Gemini Atlas Agena Target Vehicle. Integrated Guidance System Flight Test Report /U/	1966
19680093270	Gemini Atlas Agena Target Vehicle. Integrated Guidance System Flight Test Report /U/	1966
19680093283	Development of 25 mm microchannel inverter tube /U/ Interim report, period ending 31 Aug. 1966	1966
19680093301	Saturn 5 AS-503 launch vehicle performance analysis, volume 2	1966
19680093311	Aerosols as carrier of natural radioactivity	1966
19680093312	Fuel injection pressure control system	1966
19680093317	The small scale gap test - Calibration and comparison with the large scale gap test	1966
19680093348	Joining of refractory/austenitic bimetal tubing Monthly letter report, Dec. 14, 1965 - Jan. 13, 1966	1966
19680093350	Joining of refractory/austenitic bimetal tubing Monthly letter report, Jan. 14 - Feb. 13, 1966	1966
19680093365	A feasibility study of a long life valveless pulse rocket for control of satellites and space vehicles Final report, 4 Jan. 1965 - 4 Mar. 1966	1966
19680093367	Pulsating hydraulic systems study Final report	1966
19680093374	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Jul. - 13 Aug. 1966	1966
19680093375	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Apr. - 13 May 1966	1966
19680093376	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Mar. - 13 Apr. 1966	1966
19680093377	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Sep. - 13 Oct. 1966	1966
19680093395	Creep-rupture properties of the tantalum-base alloy T-222	1966
19680093441	Development of High Temperature Magnetic Tape for Spacecraft Application, Part 1 and 2 Final Report	1966
19680093492	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Feb. - 13 Mar. 1966	1966
19680093501	An experimental investigation of combustion stability characteristics at high chamber pressure. Volume 2 - High-frequency computer program Final report	1966
19680093510	Saturated hydrocarbon polymeric binder for advanced solid propellant and hybrid solid grains Quarterly report, 27 Oct. 1965 - 31 Jan. 1966	1966
19680093512	An experimental investigation of combustion stability characteristics at high chamber pressure Final report	1966
19680093577	Thermal control coatings	1966
19680093596	Space Launch Vehicle Reliability Improvement Program	1966
19680093623	A method for determining the radioactivity of an experiment after it has been irradiated in the Air Force nucleus engineering test facility	1966
19680093624	Non-coplanar transfer from elliptic and hyperbolic orbits	1966
19680093633	Reliability prediction study of telemetry multiplexer and transmitter	1966
19680093640	Progress report number forty-three, 1 October - 31 December 1966 /U/	1966
19680093641	Demonstration of advanced post boost propulsion subsystems /U/ Quarterly report	1966
19680093642	Exploratory development for missile propulsion /U/ Quarterly report, Oct. - Dec. 1966	1966
19680093651	System development strategies - A comparative study of doctrine, technology, and organization in the USAF ballistic and cruise missile programs, 1950-1960 /U/	1966
19680093653	Altitude performance evaluation of United Technology Center UTX-8812 and UTP-3001 solid propellants /U/ Test report, 25 May - 22 Jun. 1966	1966
19680093657	Propulsion development department review. Part 1 - Propulsion techniques, systems, and analysis, July - September 1966 /U/	1966
19680093659	The flow of stratified and homogeneous fluids through curved screens	1966
19680093661	Telemetry study - Appendix Final report, 1 Nov. 1965 - 28 Feb. 1966	1966
19680093663	Old barnyard - A cross section code for school use	1966
19680093669	Program of analytical and experimental study of porous metal ionizers Monthly progress report, Mar. 1966	1966
19680093670	Program of analytical and experimental study of porous metal ionizers Monthly progress report, Feb. 1966	1966
19680093674	Tungsten-rhenium alloy ionizer development Monthly progress report, Dec. 1966	1966
19680093675	Program of analytical and experimental study of porous metal ionizers Monthly progress report, Dec. 1965	1966
19680093676	Program of analytical and experimental study of porous metal ionizers	1966
19680093682	Investigation of space radiator protection Progress report, 1-31 Mar. 1966	1966
19680093685	Design requirements for reactor power systems for manned earth-orbital applications Monthly progress report, 10 Sep. - 10 Oct. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093686	Design requirements for reactor power systems for manned earth-orbital applications	1966
19680093687	Design requirements for reactor power systems for manned earth-orbital applications Monthly progress report, 11 Feb. - 10 Mar. 1966	1966
19680093688	Design requirements for reactor power systems for manned earth-orbital applications Monthly progress report, 11 Jan. - 10 Feb. 1966	1966
19680093689	Ion beam diagnostics and neutralization Monthly progress report for Jul. 1966	1966
19680093695	Design requirements for reactor power systems for manned earth-orbital applications Monthly progress report, 11 Jun. - 10 Jul. 1966	1966
19680093705	Combination exposures of columbium and tantalum alloy specimens Monthly project status report	1966
19680093707	Investigation of space radiator protection Progress report, 1-30 Apr. 1966	1966
19680093708	Investigation of space radiator protection Progress report, 1-31 May 1966	1966
19680093715	Investigation of space radiator protection Progress report, 1-30 Jun. 1966	1966
19680093716	Investigation of space radiator protection Progress report, 1-31 Jan. 1966	1966
19680093718	Effects of physical conditioning and partial acclimatization to hypoxia on work tolerance at high altitudes	1966
19680093719	Hour 250 life test of Allen Bradley FA5C and standoff SS5A capacitors at 25C with and without voltage stress	1966
19680093728	Ion beam diagnostics and neutralization Monthly progress report	1966
19680093729	Ion beam diagnostics and neutralization Monthly progress report	1966
19680093731	Ion beam diagnostics and neutralization Monthly progress report	1966
19680093732	Ion beam diagnostics and neutralization Monthly progress report	1966
19680093737	Contamination exposures of columbium and tantalum alloy specimens Monthly project status report, 26 Jan. - 25 Feb. 1966	1966
19680093738	Contamination exposures of columbium and tantalum alloy specimens Monthly project status report, 26 Feb. - 25 Mar. 1966	1966
19680093739	Design requirements for reactor power systems for manned earth-orbital applications Monthly progress report, 11 May - 10 Jun. 1966	1966
19680093746	Monthly progress report for November, 1966	1966
19680093753	Slosh damping values for Saturn 5, AS 504- 505 during the powered portions of the flight	1966
19680093756	NASA/USAF liquid propellant blast hazards program - Project Pyro Quarterly progress report, period ending 31 Dec. 1966	1966
19680093769	Project Sophy - Solid propellant hazards program Contract status report, 1-31 Jan. 1966	1966
19680093771	A study of the research and exploratory development origins of the C-141 aircraft Appendix 1. Research and exploratory- development event descriptions	1966
19680093785	Over-Current Relay Power Switches	1966
19680093791	Over-Current - Relay Power Switches	1966
19680093792	Saturn S2 Ducting-Liquid Oxygen Tank Vent Lines	1966
19680093798	Ion beam diagnostics and neutralization Monthly progress report	1966
19680093799	Ion beam diagnostics and neutralization Monthly progress report, Oct. 1966	1966
19680093800	Ion beam diagnostics and neutralization Monthly progress report, Nov. 1966	1966
19680093802	Investigation of space radiator protection Progress report, 1-31 Dec. 1965	1966
19680093809	Two 3.5 pound and one 6.0 pound thrust unit assembly, cluster	1966
19680093849	Submarine chemical air revitalization system, phase 1 Final report	1966
19680093850	A relaxation solution for two dimensional and axisymmetric potential flow problems	1966
19680093875	Scramjet combustor scientific technology /U/	1966
19680093883	Non-planar reflector array /ARPON-MORU/ study /U/ Quarterly report, 28 Dec. 1965 - 28 Mar. 1966	1966
19680093885	Monthly project progress report /U/ Monthly report, period ending 15 Nov. 1966	1966
19680093893	Electromagnetic performance of a spike-protected hemispherical radome /U/ Final report, 1 Oct. 1964 - 31 Mar. 1966	1966
19680093894	Ignition characteristics of Nike Hercules sustainer motors, M30 with igniter, rocket motor, M72 and TX69 /U/	1966
19680093896	Minefield detection by airborne infrared imaging techniques /U/ Interim technical report, 1 Jul. - 31 Dec. 1965	1966
19680093897	The influence of aerodynamics and reentry heating on reusable space launch vehicles /U/	1966
19680093898	Charged particle accelerometer /U/ Quarterly report, 22 Apr. - 21 Jul. 1966	1966
19680093899	Charged particle accelerometer /U/ Quarterly report, 22 Jan. - 21 Apr. 1966	1966
19680093900	Thermal battery XM-15. Phase 3 /U/	1966
19680093901	Chemiluminescence /U/	1966
19680093902	An evaluation of the hazards associated with with beryllium in rocket fuels /U/	1966
19680093912	Gas generator Mark 6 Mod 0 /Sidewinder 1-C/ type-life program /U/ Final report	1966
19680093936	Forward area air defense system /U/ Quarterly report, Jul. - Sep. 1966	1966
19680093939	SNAP-27, phase 2 /U/ Monthly progress report, 1-30 Jun. 1966	1966
19680093941	Altitude performance of five Hercules Powder Company high energy propellant formulations in a standard forty-pound-charge rocket motor /U/	1966
19680093946	Acceleration of the convergence of successive over-relaxation by order of mesh point scanning in the solution of the diffusion equation for transient heat transfer	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093964	Foam-in-place materials Monthly progress report, 9-31 Mar. 1966	1966
19680093965	Foam-in-place materials Monthly progress report, 1-30 Apr. 1966	1966
19680093997	Facilities acquisition necessary to support work for NASA Monthly progress report, 1 Jul. - 1 Aug. 1966	1966
19680093998	Ion beam diagnostics and neutralization Monthly progress report, 1-31 Aug. 1966	1966
19680094009	Exploratory and advanced development for missile propulsion /U/ Quarterly report, Apr. - Jun. 1966	1966
19680094013	Exploratory and advanced development for the Missile Propulsion Branch, Naval Weapons Support Activity /U/ Quarterly report, Jan. - Mar. 1966	1966
19680094022	Comprehensive list of microwave tubes /U/ Supplement to GED-M 201/7	1966
19680094024	High pressure oxygen-hydrogen rocket engine parametric design data /U/	1966
19680094076	A digital computer simulation of air defense systems. Volume 2. General trajectory program	1966
19680094081	Extravehicular space maintenance	1966
19680094097	Production engineering measures /PEM/ for milliwatt logic semiconductor integrated circuits. Volume 3. Quality control manual Final report, 1 Jul. 1964 - 31 Dec. 1966	1966
19680094099	A general program for evaluation the performance of air defense systems. Volume 2. General trajectory and radar simulation programs	1966
19680094117	Production engineering measures /PEM/ for milliwatt logic semiconductor integrated circuits. Volume 1. Engineering report final report, 1 Jul. 1964 - 31 Dec. 1966	1966
19680094118	Diurnal tidal motions near the stratopause during 48 hours at White Sands Missile Range	1966
19680094119	A fenestrated metal rain-erosion cap for aircraft nose radomes	1966
19680094126	Exploratory development on coupling schemes for plasma amplifiers Final technical report, 1 Jun. 1965 - 1 Jun. 1966	1966
19680094127	Foam-in-place materials Monthly progress report, 1-30 Jun. 1966	1966
19680094128	Foam-in-place materials Monthly progress report, 1-31 May 1966	1966
19680094152	Facilities acquisition necessary to support work for NASA Monthly progress report, 1 Sep. - 1 Oct. 1966	1966
19680094153	Facilities acquisition necessary to support work for NASA Monthly progress report, 1 Nov. - 1 Dec. 1966	1966
19680094155	An experimental investigation of a magnetoplasmadynamic power generator Monthly progress report, 1 Sep. - 1 Oct. 1966	1966
19680094156	An experimental investigation of a magnetoplasmadynamic power generator Monthly progress report, 1 Jul. - 1 Aug. 1966	1966
19680094157	An experimental investigation of a magnetoplasmadynamic power generator Monthly progress report, 1 Nov. - 1 Dec. 1966	1966
19680094158	An experimental investigation of a magnetoplasmadynamic power generator Monthly progress report, 1 Dec. 1965 - 1 Jan. 1966	1966
19680094160	An experimental investigation of a magnetoplasmadynamic power generator Monthly progress report, 1 Jun. - 1 Jul. 1966	1966
19680094163	A general program for evaluating the performance of air defense systems. Volume 1. System description	1966
19680094187	Contamination exposures of columbium and tantalum alloy specimens Monthly status report, 26 Mar. - 25 Apr. 1966	1966
19680094204	The development of metallurgically based joining processes for titanium alloy foils	1966
19680094238	AS-503 preliminary launch vehicle reference, volume 1 /U/	1966
19680094239	Saturn 5 SA-501 launch vehicle guidance and navigation error analysis /U/	1966
19680094240	Saturn 5 AS-503 launch vehicle performance analysis, volume 1 /U/	1966
19680094241	Saturn 5 AS-502 launch vehicle performance analysis, volume 1 /U/	1966
19680094242	Functional integration subsystem report. S-2 engine and engine purge, Saturn 5 vehicle/Launch Complex 39 /U/	1966
19680094245	AS-504 preliminary launch vehicle reference trajectory, volume 2 /U/	1966
19680094246	Functional integration subsystem report. S-IC engine and engine purges, Saturn 5 vehicle/Launch Complex 39 /U/	1966
19680094252	A digital computer simulation of air defense systems. Radar detection performance data	1966
19680094253	A digital computer simulation of air defense systems. Volume 1. Description of radar detection and lock-on programs	1966
19680094266	Length and electrical resistivity changes of neutron irradiated uranium	1966
19680094275	A study of ECM/ECCM simulation and analysis Final report, 1 Jul. 1965 - 31 Jul. 1966	1966
19680094276	The application of continuous wave CW radar in projectile velocity measurements	1966
19680094283	Factors affecting damage caused by liquid impact	1966
19680094286	Pressurization systems design guide. Volume 2A - Design procedures and data	1966
19680094290	Valve module, oxygen and hydrogen, cryogenic storage subsystem Final specification	1966
19680094334	Saturn-RIPS study /U/ Final report	1966
19680094335	Research and technology implications report. Saturn-RIPS study /U/	1966
19680094336	Program summary report. Saturn-RIPS study /U/	1966
19680094344	Characteristic causes of holds and scrubs of Atlas, Titan, and Thor launches - 1958-1964 /U/	1966
19680094349	Launch control system reports, unmodernized network resolution area /U/	1966
19680094359	Prediction and correlation of radio interference effects on Saturn 5 vehicles	1966
19680094360	Design considerations in locating guidance reference antenna	1966
19680094361	Wave propagation through turbulent media	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680094362	Measurement and correlation of radar attenuation and amplitude/phase modulated noise induced by a rocket exhaust plume	1966
19680094365	Recommendations concerning specifications on ionization in missile system effluence	1966
19680094366	Rocket exhaust plume models	1966
19680094368	A theoretical investigation of turbulent mixing and chemical kinetics in afterburning exhausts	1966
19680094369	Rocket nozzle ionic nonequilibrium processes	1966
19680094370	Mechanisms by which chemical additives alleviate radar interference effects in rocket exhausts /U/	1966
19680094374	A new facility for measuring attenuation and noise	1966
19680094375	A facility for simulated altitude investigation of full-scale rocket exhaust plume properties	1966
19680094376	Attenuation measurements at simulated flight conditions	1966
19680094377	Stabilized microwave diagnostic system for plume interference studies	1966
19680094389	NASA breadboard Electrical Control Assembly /ECA/ for automatic startup, shutdown and restart of PC3A-2D Powercell PWA-2939 Final report	1966
19680094391	PNdB ground contour determination for jet aircraft	1966
19680094401	MAC /Multi Applicational Controller/	1966
19680094406	Study on low level commutation. Study report to European Launcher Development Organization	1966
19680094407	Integration of telemetry and check-out. Study report to European Launcher Development Organization	1966
19680094437	EFCO Hydraulics, Inc., 1/2 inch manual ball valve P/N-22M-6050-316-T-MC240 6000 PSIG service	1966
19680094448	F-4J airplane demonstration planning and progress report	1966
19680094450	Gemini Atlas/Agena target vehicle system - Flight termination system report	1966
19680094481	Study and development of miniature power supplies Final engineering report	1966
19680094497	Parker Aircraft Company 4-inch cryogenic shutoff valve manufacturer's part number F913-1	1966
19680094501	Application of the valveless subliming solid control rocket to the NRL gravity gradient satellite Final report, 7 Sep. 1965 - 28 Feb. 1966	1966
19680094514	PbS operation with background illumination	1966
19690009823	Investigations on the induction of dorsiventrality in fern prothallia	1966
19690009824	Investigation on the induction of dorsiventrality of apogamic fern prothallia	1966
19690065934	Mars 171 technical study	1966
19690065969	Saturn S-IVB monthly technical progress report	1966
19690065981	Development of cathodic electrocatalysts for use in low temperature H sub 2 IO sub 2 fuel cells with an alkaline electrolyte Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19690065985	Development of cathodic electrocatalysts for use in low temperature H sub2 IO sub 2 fuel cells with an alkaline electrolyte Quarterly report, 1 Jul. 1965 - 30 Jun. 1966	1966
19690066076	Study program on /30-100 GHz/ electronically steerable antenna systems Final report	1966
19690066078	Electric charge on Apollo command and service module in lunar environment Interim report	1966
19690066100	Redshift-Magnitude for Friedmann Type Relativistic Universes	1966
19690066307	Thirty-Five GC Automatic Tracking Antenna System Final Report	1966
19690066602	Application manual for capsule type slip ring assemblies, annex Final summary report	1966
19690066678	Two-compartment venting routine	1966
19690066756	Astrogeologic studies Annual progress report, 1 Jul. 1965 - 1 Jul. 1966	1966
19690067292	On the logarithmic density behavior of a nonequilibrium Boltzmann gas	1966
19690067335	Report on the design requirements for reactor power systems for manned earth orbital applications. Task area 1 - Program definition	1966
19690067361	Launch vehicle flight control system stability analysis, SA-503	1966
19690067458	A survey of terrestrial mobility techniques for application to exploration of lunar and planetary surfaces	1966
19690067484	Solid mechanic - Symmetric and nonsymmetric buckling of finitely deformed eccentrically stiffened shells of revolution	1966
19690067525	Preparation of contractor quality program plan	1966
19690067527	Evaluation of contractor quality program plan	1966
19690067528	Evaluation of supplier inspection plan	1966
19690067539	Optimum transfers between hyperbolic orbits /finite planetary radius/	1966
19690067540	Minimum fuel orbital transfers /coaxial, coplanar elliptic orbits, unlimited transfer time/	1966
19690067545	Survey of light sources for remote sensing systems	1966
19690067568	Optimal transfers between elliptic coplanar orbits /time open/	1966
19690067572	Study of filtration mechanics and sampling techniques, phase 2 Final annual report, 1965	1966
19690067636	Proceedings of the Space Optical Technology Conference, volume 2	1966
19690067637	A systems study of a manned orbital telescope	1966
19690067638	NASA-Ames laser field programs	1966
19690067639	Equipment for demonstrating PCM/PL laser communication	1966
19690067640	Parametric analysis of microwave and laser systems for communications and tracking	1966
19690067641	Modulation-inducing retrodirective optical system	1966
19690067642	Deep-space laser acquisition and tracking	1966
19690067643	Laser optics techniques	1966
19690067644	Active optics for large orbiting astronomical telescopes	1966
19690067645	High frequency photodiodes	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690067646	Solar-pumped modulated laser	1966
19690067647	Optical superheterodyne receiver development	1966
19690067648	Stable laser source	1966
19690067649	Advanced study on optical communications from deep space	1966
19690067650	Optical waveguide design	1966
19690067731	A new method of RC three-terminal network transfer function synthesis	1966
19690067776	Photometric profiles of comets heads in monochromatic light	1966
19690067777	A molecular orbital treatment of the stabilities of substituted heteroaromatic compounds	1966
19690067778	A molecular orbital treatment of the reactivities of substituted heteroaromatic compounds, superdelocalizability	1966
19690067779	Spectral theory of semibounded operators and their use in spectral analysis of differential operators, parts 1 and 2	1966
19690067780	Effect of high gravity on a living organism Preliminary report	1966
19690067783	Graphical solution of contact heat transfer	1966
19690067784	Contribution to the knowledge of Dunaliella Salina Dunal	1966
19690067793	Statistical study of microwave propagation through the turbulent atmosphere - Determination of the equivalent scattering cross section and amplitude and phase fluctuations	1966
19690067798	Investigations on development and reproduction of the genus Dunaliella	1966
19690067808	Deflection of cathode and canal rays at the edge of a condenser whose stray field is limited by a diaphragm	1966
19690067838	Analysis and mechanization of launch window and rendezvous computation. Part 1 - Circular orbits	1966
19690067892	Effect of the intensity of muscular work on diuresis, albuminara, and cylindruria	1966
19690068047	Space programs summary no. 37-39, volume 4 - For the period 1 April to 31 May 1966. Supporting research and advanced development	1966
19690068055	Effect of manual labor on phosphoric acid elimination	1966
19690068105	Degradation of the Apollo heat shield after prolonged vacuum exposures, 14 June 1965 - 14 June 1966	1966
19690068142	Study of some colored phyllites of the crystalline schists of the Piedmontese Alps using the Castaing electronic microprobe	1966
19690068164	COHORT - A Monte Carlo program for calculation of radiation heating and transport. Volume 3. Utilization instructions for HO1 and juggle routines	1966
19690068165	COHORT - A Monte Carlo program for calculation of radiation heating and transport. Volume 2 - Utilization instructions for SO1, SO2, and CO1 routines	1966
19690068166	COHORT - A Monte Carlo program for calculation of radiation heating and transport. Volume 1. Modification and verification of improved version of COHORT	1966
19690068167	COHORT - A Monte Carlo program for calculation of radiation heating and transport. Volume 4 - Utilization instructions for AO1 and AO2 analysis routines	1966
19690068169	European cooperation in the field of space research and aerospace engineering	1966
19690068171	Perturbation theory of oscillators in terms of continued fractions	1966
19690068172	The electronic structure of chlorine trifluoride - An approximate MO-LCAO-SCF calculation	1966
19690068177	Perturbations of optimal and sub-optimal control problems	1966
19690068180	Ultrarelativistic gas scattering in the gravitational field	1966
19690068192	Sixth reliability assessment for the orbiting geophysical observatories	1966
19690068302	Fabrication and pre-flight certification testing of mounting and thermal conditioning panels	1966
19690068550	GEOS B. Ship positioning using satellite range data - Analysis of error propagation and visibility probability	1966
19690069379	Investigation of kilovolt ion sputtering Quarterly progress report, 31 Jan. 1966	1966
19690069730	Multicolor presentation of images with edge enhancement	1966
19690069806	Space Programs Summary No. 37-38	1966
19690070369	Investigation of the Nature of Cryogenic Fluid Flow Instabilities in Heat Exchangers	1966
19690070372	Design Study and Evaluation of a Hypergolic Engine for a Space Power System. Phase 3 - Space Power Unit Breadboard System Final Report, 12 Feb. - 15 Jul. 1966	1966
19690070559	An experimental Investigation of a Magnetoplasmdynamic Power Generator Semiannual progress report, 24 Jun. 1965 - 1 Jan. 1966	1966
19690070864	Radar Geology Test Area, Willcox Playa, Arizona	1966
19690071002	The general linear equation in prediction	1966
19690071061	Remote Sensor Aircraft Data Gathering System Data Processing and Distributing Unit	1966
19690071180	Conference on ground measurements for the instrument and geologic teams	1966
19690071184	Deep-space optical communication systems	1966
19690071194	Strain gage program for AC-6 hydrogen tank skin, results and discussion	1966
19690071198	Surveyor 1 Design and Performance Symposium - Spacecraft System Design	1966
19690071199	Surveyor 1 Mission Report. Part 1 - Mission Description and Performance	1966
19690071202	Surveyor 1 design and performance symposium - Thermal control	1966
19690071203	Surveyor 1 Design and Performance Symposium - Altitude marking radar, radar altimeter and Doppler velocity sensor	1966
19690071204	Surveyor 1 design and performance symposium - Power subsystem	1966
19690071206	Surveyor 1 Design and Performance Symposium - Propulsion Subsystem	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690071212	Surface adsorption in magnesium oxide	1966
19690071328	Design and develop 1P2T coaxial switch Final report	1966
19690072023	High temperature hydraulic system actuator seals for use in advanced supersonic aircraft Semiannual report	1966
19690072354	Liquid propellant thermal conditioning system Quarterly progress report, 30 Apr. - 31 Jul. 1966	1966
19690072355	Liquid propellant thermal conditioning system Quarterly progress report, 26 Jan. - 30 Apr. 1966	1966
19690072497	Development of heavy gage bonded honeycomb	1966
19690072499	Applications Technology Satellite /ATS/ apogee rocket motor	1966
19690072509	Space programs summary no. 37-38, volume 4 for the period 1 February - 31 March 1966. Supporting research and advanced development. Part A - Soil studies-desert microflora. Section 12 - Abundance of microflora in soil samples from the Chile Atacama Desert	1966
19690072522	Spaceborne memory organization associative data acquisition system, phase 2 Interim report	1966
19690072578	Advantages of multipoint control for vibration testing of complete ranger spacecraft	1966
19690072667	Otolith functions and operating principles. Part 1 - The functions of the otoliths	1966
19690072670	The functions and operating principles of the otolith organs. Part 3 - Interpretation of single fiber or few fiber recordings	1966
19690072768	Uniqueness of the Cauchy problem when the initial surface contains characteristic points	1966
19690072872	NASA water-cooled extensometer	1966
19690072901	Effective construction of linear state-variable models from input/output functions	1966
19690072997	Study of solid state integrated microwave circuits	1966
19690073129	Survey of Saturn/Apollo checkout automation, spring 1965 - Detailed description	1966
19690073593	Investigation of roll resonance phenomena for sounding rockets Final report	1966
19690073747	Research on analog statistical function discriminators utilizing ferroelectric elements Interim report, Jun. - Sep. 1966	1966
19690074072	Test and inspection for process control of monolithic circuits Final technical report	1966
19690074272	The complete Rayleigh-scattered field within a homogeneous plane-parallel atmosphere	1966
19690074379	An end effect associated with cylindrical Langmuir probes on the Explorer 17	1966
19690074387	Compton effect on relativistic electrons in the atmosphere of the Sun	1966
19690074389	Corrective procedures SPAC operating procedures	1966
19690074599	Relation of auroral radiation to the magnetopause and to Van Allen radiation	1966
19690074653	Sound waves in relativistic magnetohydrodynamics	1966
19690074758	Investigation of cosmic radiation on the AMS Luna-10	1966
19690074868	Radiation from a Dielectric Coated Cylindrical Core Loop Antenna Surrounded by a Lossy Plasma Sheath	1966
19690075961	Generation of nonstationary random processes dependent on time and position parameters	1966
19690076085	Geologic map of the Mono Craters area, California Technical letter	1966
19690076156	Geological evaluation of radar imagery Oregon coast Technical letter	1966
19690076210	The development of a segmented axially conducting, pyrolytic graphite reaction control engine Quarterly report, 15 Mar. - 14 Jun. 1966	1966
19690076211	The United Nations Celestial Bodies Convention	1966
19690076243	Saturn 1B-Apollo fin aerodynamic characteristics	1966
19690076409	Study of trajectories and upper stage propulsion requirements for exploration of the solar system Final report	1966
19690076440	Evaluation and Development of an Impedance Cardiac Output System	1966
19690076498	The self-diagnosability of a computer	1966
19690076546	A laboratory hurricane model incorporating an analog to release of latent heat	1966
19690076670	Lunar exploration concept development and alternate mode definition for the 1970-1980 timeframe. Volume 1 - Summary digest Interim report	1966
19690076730	Calculation of the ground state populations and self-energies in the optical pumping of hydrogen and the alkali vapors	1966
19690076867	Solar photography in the extreme ultraviolet	1966
19690076905	Axially fed coils with cylindrical symmetry	1966
19690076954	The stress relaxation of 20 percent Cr-25 percent Ni-Nb stabilised stainless steel	1966
19690076970	Design curves for electromagnetic field diffusion into conductors under pulsed discharge conditions	1966
19690077007	Lunar exploration concept development and alternate mode definition for the 1970-1980 timeframe. Volume 1 - Summary digest Interim report, 1 Jun. - 31 Oct. 1966	1966
19690077008	Lunar Exploration Concept Development and Alternate Mode Definition for the 1970-1980 Timeframe. Volume 2 - Candidate Lunar Exploration Program Analyses Interim Report, 1 Jun. - 31 Oct. 1966	1966
19690077054	Fast-opening all-metal gas valves	1966
19690077234	Solidstate physics division Progress report, Mar. - Aug. 1966	1966
19690077249	Desert microflora	1966
19690077485	Spectral radiance measurements of rocket model exhaust gases, at simulated altitude using a high speed scanning spectrometer, part 2 Final report, part 1	1966
19690077997	Vacuum ultraviolet photocathode study Final report, 17 Jun. 1963 - 17 Apr. 1966	1966
19690078041	Lunar exploration concept development and alternate mode definition for the 1970-1980 timeframe. Addendum 2 - Part 3	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078118	Superconducting magnets for MHD pulse power systems Interim technical report	1966
19690079359	Strapdown electrostatic gyro inertial navigation system feasibility development. Volume 2 - Calibration study /U/ Final report, Aug. 1966 - Jun. 1968	1966
19690079496	Man-system locomotion and display criteria for extra-terrestrial vehicles. Volume 1 - Summary technical report Final report	1966
19690079497	Man-system locomotion and display criteria for extra-terrestrial vehicles. Volume 2 - Detailed technical report Final report	1966
19690079511	Low altitude test 4.1 visual target acquisition. Volume 1 - Controlled flight observations	1966
19690079872	A method for predicting the effects of normalization on sonar performance /U/	1966
19690081468	Combustion Pump Valve Co., globe valve, manufacturer's part number 380-6	1966
19690083672	Lecture series in differential equations. Session 6 - Differential equations in a Banach space	1966
19690084728	Theoretical physics - The relativistic transformation of thermodynamic quantities	1966
19690086415	Evaluation of Endevo model 2272 M1 temperature accelerometer	1966
19690086491	NASA lunar module visual simulation - Volume 1 - Lunar mission descent, ascent, and rendezvous	1966
19690086523	Evaluation tests on motor, timing, synchronous, type K24116-P4	1966
19690086531	Flight Safety Review for Gemini 8 at ETR GATV-5003	1966
19690086556	Gemini Agena Target Vehicle 5004 NASA Mission Gemini 9 - Flight Safety Review at ETR	1966
19690086557	Vehicle Acceptance Report GLV-11	1966
19690086568	Vehicle Acceptance Report, GLV-9	1966
19690086582	Military Medical Journal, no. 10	1966
19690086583	The primary reaction upon exposure	1966
19690086584	Procedures and methods in orientating calculations on human endurance at high and low temperatures in the outside environment	1966
19690086585	The influence of various decompression rates on the human organism	1966
19690086586	Detection of latent coronary insufficiency by the use of functional tests on pilots	1966
19690086587	Comparative evaluation of the results of researches on binocular vision	1966
19690086588	Objective determination of visual acuity	1966
19690086640	Qualification tests on ceramic capacitors	1966
19690086642	James Pond and Clark check valves, mfr's p/n's 279T-12TT, 279T-16TT, NASA p/n's 75M00696, 75M00	1966
19690086650	Analysis of the Fairchild LPDP MU L 9040 clocked flip-flop	1966
19690086661	Drilling and reaming D6AC ultrahigh strength steel Final report	1966
19690086665	Operational amplifier, microelectronic	1966
19690086671	Two inch KSC style fittings	1966
19690086691	Small explosive train for missile safety and arming device	1966
19690086692	SPX-A booster explosive which can be initiated by sources of small dimensions	1966
19690086711	Apollo applications program preliminary definition study of utilization of LM. Volume 1 - Technical report, section 1 Final report	1966
19690086712	MIMOSA - Lunar exploration concept development and alternate mode definition for the 1970-1980 timeframe. Volume 2 - Technical discussion Interim report	1966
19690086715	S-4B/MSFN acquisition and telemetry tests	1966
19690086717	MIMOSA - mission modes and system analysis for lunar exploration Interim presentation no. 2	1966
19690086723	Preproduction evaluation of printed wiring boards	1966
19690086737	Apollo applications program preliminary definition study of utilization of LM. Volume 2 - Program report, section 7 Final report	1966
19690086738	Apollo applications program preliminary definition study of utilization of LEM. Addendum 2 - AAP/LEM combined test program analysis Final report	1966
19690086744	Earth synchronous orbit study	1966
19690086760	Report on the design requirements for reactor power systems for manned earth orbital applications. Task area 4, comparative analysis. Task area 5, technology planning	1966
19690086761	Report on the design requirements for reactor power systems for manned earth orbital applications Final briefing	1966
19690086778	Preliminary instrumentation development photometric and photoelectric measurements, Blue Rock project 4.1C	1966
19690086796	Mixing and combustion in the exhaust plumes of rocket engines burning RP1 and liquid oxygen	1966
19690086816	Blade row interference effects on torsional flutter of unstalled cascade blades at zero deflection	1966
19690086820	Pacific Valves, Inc., check valve manufacturer's part number G-1100-10T-ASA	1966
19690086830	Apollo application program preliminary definition study of utilization of LEM, addendum 2 Bimonthly study report	1966
19690086841	Modification and evaluation of an infrared radiometer Final report	1966
19690086844	NOTS participation in Sealab 2 project	1966
19690086869	Vacco Valve Company two inch check valve Test report	1966
19690086887	AN/SPS-40 air search radar - Maintenance summary	1966
19690086933	Flodyne Controls, Inc., ball valve, 4-way, pressure and manually operated Test report	1966
19690086957	Qualification of metals and controls thermostatic switches 7632818-P5	1966
19690086966	Variation in output parameters of l-c feedback oscillators as a function of integrant variations	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086968	Flodyne controls, inc., manual shutoff ball valve, 3000 psi manufacturer's part number 5A11	1966
19690086976	Research and exploratory-development origins of the SPS-48 radar	1966
19690086983	The relativistic Doppler equations for attenuated waves	1966
19690086990	Stress corrosion of Ti-6Al-4V in liquid nitrogen tetroxide	1966
19690086997	Research and exploratory-development origins of the SPS-48 radar - Appendix 1	1966
19690087001	Efco Hydraulics, Inc., 4-inch ball valve, normally open manufacturer's part number D-2158	1966
19690087003	Sporlan valve company solenoid valve part number 10H-S	1966
19690087006	Efco Hydraulics, Inc., 6-inch N.C. ball manufacturer's part number E-2159	1966
19690087037	Flowmatics, Incorporated 8-inch RP-1 check valve, manufacturer's model number E-101	1966
19690087038	General Controls Company double-solenoid hydraulic valve part number AV14J1163	1966
19690087044	Deposition of particles in a turbulent slot flow doctoral research proposal Interim report	1966
19690087052	J. E. Lonergan Company part numbers D-10-E/L3 and D-30-D/L3	1966
19690087053	Futurecraft Corporation 3/8 inch solenoid valve P/N 200145, 3000 psig service	1966
19690087072	Mission Valve and Pump Company one-quarter inch check valve manufacturer's part number 1-3530, NASA part number 75M05871-PCV-13	1966
19690087140	NASA advanced engineering program. Program review - 31 August 1966 AEA - Advanced Engine Aerospike SDI - System and Dynamics Investigation /U/	1966
19690087145	Chemistry and Metallurgy Division Progress report, Apr. 1 - Jun. 30, 1966	1966
19690087150	Handbook 1. Radar reflection from long lossy wires, tubes, and metallic strips	1966
19690087152	Republic Manufacturing Company. Republic 3/4 inch relief valve manufacturer's part number 649XB-3-T.	1966
19690087158	J. E. Lonergan Company relief valve, manufacturer's part number 34W-200-1/2	1966
19690087163	Handbook 1. Radar cross section as function of frequency for long wires of specified conductivity, length and radius	1966
19690087172	Application of Saturn/Apollo hardware to unmanned scientific exploration of the solar system	1966
19690087177	Investigation of preflawed 2219 aluminum tanks	1966
19690087248	Republic Manufacturing Company needle valve, 3/4 inch manufacturer's part number 154-12SS	1966
19690087266	Chemistry and Metallurgy Division progress report, July 1 - September 30, 1966	1966
19690087267	Culham Laboratory annual report for the period April 1965 - March 1966	1966
19690087286	Reactor materials development quarterly for Division of Reactor Development, USAEC, July - September 1966	1966
19690087287	Nuclear studies of the Compton diode - Fiscal year 1966	1966
19690087288	Evaluation of a Mechanical Technology, Inc., gas bearing circulator	1966
19690087322	Modified 3-way-2 position N. C. solenoid valve manufactured by Marotta Valve Corporation, part number 806203 Functional test report	1966
19690087324	Kemp Aero Products double solenoid valve manufacturer's part number K402016	1966
19690087328	Evaluation of transistor junction characteristics under forward bias conditions	1966
19690087329	Computer program manual for system reliability prediction	1966
19690087341	An objective method of forecasting precipitation at Torrejon Air Base, Spain	1966
19690087349	Marotta Valve Corporation pneumatic hydraulic relief valve, manufacturers part number 225844-341	1966
19690087350	Johnston and Jennings Company eight inch emergency relief tank valves-manufacturer's part number HX-2032-B	1966
19690087408	Qualification test of twelve relief valves number 2163604	1966
19690087409	Sage Engineering and Valve Company 1 In. Relief Valve (0.187 In. OR--ETC)	1966
19690087414	Handbook 2. Radar cross section as function of wire length for long wires of specified conductivity and radius at UHF and L-band frequencies	1966
19690087416	Profiling of the temperature, pressure and velocity environment created by a static fired M-55 motor, test plan no. 13	1966
19690087448	Operating and maintenance manual for Mobility Test Article /MTA/	1966
19690087458	Recent results from the in-pile carbon transport loop - Project Dragon	1966
19690087460	Tape recorder maintenance program	1966
19690087461	Investigation of low frequency dynamic response of liquid-filled orthotropic shells. Volume 2 - Modal behavior of liquid-filled elastic tanks Final report	1966
19690087523	Comparison test program on capacitor, fixed, ceramic, molded, lead mount, Mil general	1966
19690087524	Acoustically induced vibration	1966
19690087527	Research and exploratory-development origins of the Minuteman weapon system. Appendix 1. Research and exploratory-development event descriptions	1966
19690087536	Fluid Mechanics Division, Mission Valve and Pump Company relief valve-manufacturer's part number 2-847	1966
19690087563	Phased array transmitting antenna and PACE	1966
19690087564	Johnston and Jennings Company Diffusion of Pettibone Muliken Corporation Six Inch Pressure/vacuum Relief Valve	1966
19690087568	Apollo applications program preliminary definition study of utilization of LM Final report, Aug. - Sep. 1966	1966
19690087571	Qualification test of twelve heater bands per drawing number 1517782	1966
19690087575	Sage Engineering and Valve Company, part number 1-5209 relief valve	1966
19690087592	A study of Saturn 1B debris risk hazard analysis Monthly progress report, Jul. 1966	1966
19690087593	A study of Saturn 1B debris risk hazard analysis Monthly progress report, Jun. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087594	A study of Saturn 1B debris risk hazard analysis Monthly progress report	1966
19690087612	LM HF film wire test	1966
19690087625	Development of rigid high-temperature polyether-urethane foams	1966
19690087653	On-Board In-Flight Check Out /OBIFCO/ study Final report	1966
19690087656	Apollo applications program preliminary definition study of utilization of LM. Volume 1 - Technical report, sections 2 and 3 Final report	1966
19690087660	Nondestructive test results and altitude performance of thirteen aged Mark 2 reentry vehicle spin and pitch motors	1966
19690087668	Meteorological experiments for manned earth orbiting missions	1966
19690087674	Qualification test report delay lines /ESC electronics/	1966
19690087683	Supplementary qualification test of six 2412487 electron tubes	1966
19690087686	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped 0.250 watt	1966
19690087697	Meteorological experiments for manned earth orbiting missions Final report	1966
19690087700	Apollo applications program preliminary definition study of utilization of LM. Volume 2 - Program report Final report	1966
19690087702	Apollo applications program preliminary definition study of utilization of LM. Engineering studies of 3-day augmented LM during October 1966 Final report	1966
19690087735	Anderson, Greenwood and Company relief valve - Manufacturer's part number 2-8083-3	1966
19690087740	The Denison Engineering Divison American Brake Shoe Company-relief valve manufacturer's part number RIV-12-515	1966
19690087743	Component test report for qualification of manufacturer to company specifications	1966
19690087744	Rivett Lathe and Grinder, Inc. hydraulic backpressure valve, manufacturer's part number Z-2818 and Z-2764A	1966
19690087748	Apollo applications program preliminary definition study of utilization of LM. Program schedule requirements for the 3-day augmented LM Final report	1966
19690087758	Phase 5 and 5A prototype spacecraft thermal- vacuum testing Engineering evaluation report	1966
19690087789	Installation problems of third generation computers Progress report, Nov. 1966	1966
19690087794	Requalification of filter, radio interference	1966
19690087796	ADR-8A rocket sled test firings /U/	1966
19690087804	Surveillance and target identification using HDL millimeter-wave radar /U/	1966
19690087814	Qualification test of six 2412487 electron tubes	1966
19690087887	Investigation of the transient response of microphones Quarterly progress report, Oct. - Dec. 1965	1966
19690087896	NASA Ranger separation results report	1966
19690087962	Launch information letter for Nimbus C /Agena Vehicle 6202/	1966
19690087964	On the use of atmospheric nuclear-cascade data in high-energy shielding studies	1966
19690087965	Characteristics of the shock/expansion tube	1966
19690088024	NDHS integration test procedures, Gilmore Creek, Alaska	1966
19690088061	Nimbus C technical handbook, volume 2, sections 4 and 5	1966
19690088064	Nimbus C tag trajectory /Agena vehicle 6202/	1966
19690088080	Yaw attitude sensor Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19690088096	Technical Description of Model 10 and Model 13 Spectroradiometers	1966
19690088099	Nimbus C Technical Handbook, volume 5, sections, 10, 11 and 12	1966
19690088103	Guidance document for test date handling and analysis thermal/vacuum tests. Nimbus C systems test	1966
19690088104	Nimbus C technical handbook, volume 3, sections 6 and 7	1966
19690088107	Nimbus C technical handbook, volume 1, sections 1, 2, and 3	1966
19690088108	Nimbus C /flight 302/ integration testing review and evaluation Final report, addendum no. 2	1966
19690088109	Nimbus C technical handbook, volume 4, sections 8 and 9	1966
19690088144	Apollo trajectory design program - Users manual	1966
19690088162	The analysis of signal processing techniques for the application of random noise modulation in ranging systems /U/	1966
19690088172	Functional integration subsystem report - S-4B engine and engine purges Saturn 5 vehicle/Launch Complex 39 /U/	1966
19690088173	RF-4C radar landmass simulator design criteria report for weapon system training A/F-37U-T2 /U/	1966
19690088175	Goggle feasibility study /U/ Final report	1966
19690088186	Component test report on filter, electrical, audio frequency, band pass, fixed tune	1966
19690088189	Development of Nimbus C data system /computer programs/	1966
19690088199	Nimbus C - Sensory data evaluation guide /preliminary draft/	1966
19690088337	Nimbus 2, orbits 1 to 400 Monthly flight evaluation report no. 1, 15 May - 14 Jun. 1966	1966
19690088339	Stabilization and control subsystem Nimbus meteorological satellite. Phase 1 prototype Monthly progress reports	1966
19690088345	Nimbus C flight evaluation plan - NTCC operations manual, volume 9	1966
19690088349	Thermal-vacuum tests - Nimbus C flight 302, 27 January - 2 February 1966 and 17 February - 3 March 1966	1966
19690088351	Operation and maintenance support of Nimbus C computer system Monthly progress report, Jan. 1966	1966
19690088354	Advanced Nimbus control /presentation summary/	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088363	Development of Nimbus C data system /computer programs/ Monthly progress report, May 1966	1966
19690088373	Vibration test report Nimbus C flight 302 /electrical/	1966
19690088374	Operation and maintenance support of Nimbus C computer system Monthly progress report, Feb. 1966	1966
19690088375	Pre-ship confidence test Nimbus C flight 302	1966
19690088390	NRL ammonia vapor microthruster system Final report	1966
19690088406	Operation and maintenance support of Nimbus C computer system Monthly progress report	1966
19690088408	Engineering evaluation report on the Nimbus C flight no. 302 spacecraft electrical mate test	1966
19690088418	NTCC operations, volume 2	1966
19690088450	Deployment test report, Nimbus C, flight 302, addendum 1	1966
19690088479	Workmanship vibration test. Nimbus C /flight 302/	1966
19690088480	Deployment test report. Nimbus C /flight 302/	1966
19690088481	Continuity and illumination test report. Nimbus C /flight 302/	1966
19690088494	Instruction manual for the Advanced Vidicon Camera Subsystem /AVCS/ satellite equipment, supplement no. 2	1966
19690088497	APTS bench check equipment for the APTS/TOS for flight models FT-3 through FT-8, instruction manual	1966
19690088501	Radio frequency field intensity measurements at Clarendville, Newfoundland and Hiland National Park, Nova Scotia	1966
19690088561	Nimbus C /Flight 302/ integration testing review and evaluation Final report	1966
19690088586	Nimbus C spacecraft structural analysis report	1966
19690088587	Instruction manual for the solar-conversion power-supply subsystem	1966
19690088592	Cloud-top Altitude Radiometer /CAR/ Progress report, 1-31 Dec. 1966	1966
19690088603	Advanced Vidicon Camera Subsystem /AVCS/ for Nimbus-C meteorological satellite	1966
19690088609	Evaluation report - Nimbus C flight 302 pre-vibration and post-vibration mechanical tests	1966
19690088650	AS-207 launch vehicle performance analysis	1966
19690088667	Data reduction methods FPS-16 radar/jimsphere	1966
19690088705	Saturn AS-204 orbital boost stage reentry survival and risk hazard analysis	1966
19690088712	EMC engineering analysis report on BP-14 integrated test no. 3 and S/C oil mission support	1966
19690088723	Synthesis and lattice constants of transition metal thionobates with berthierite structure	1966
19690088748	Launch vehicle aerodynamic design criteria monograph - Ascent flight heating	1966
19690088749	Launch vehicle aerodynamic design criteria monograph - Range safety aerodynamics	1966
19690088752	Launch vehicle aerodynamic design criteria monograph - Survivability of reentering debris from launch vehicles	1966
19690088755	Launch vehicle aerodynamic design criteria monograph - Space flight aerodynamics	1966
19690088757	Launch vehicle aerodynamic design criteria monograph - Compartment vending	1966
19690088761	Launch vehicle aerodynamic design criteria monograph - Launch vehicle space flight heating	1966
19690088786	Results of measurements made on Bluebell II objects using Mitre-Lincoln tristatic interferometer radar system /U/	1966
19690088802	Summary of Stellar Acquisition Feasibility Flight /STAFF/ program /U/	1966
19690088803	Inertial angular rate sensor research multiple rotation gyro development /U/	1966
19690088816	Development of Nimbus C data system /computer programs/ Monthly progress report, Feb. 1966	1966
19690088842	Optical lattice vibrations in finite ionic crystals. 1 - In the absence of retardation	1966
19690088845	Nimbus 2, orbits 1201 to 1600 Monthly flight evaluation report no. 4, 13 Aug. - 12 Sep. 1966	1966
19690088856	Thermal-vacuum tests Nimbus C /flight 302/, addendum no. 1	1966
19690088857	Nimbus 2, orbits 2401 to 2800 Monthly flight evaluation report no. 7, 12 Nov. - 11 Dec. 1966	1966
19690088858	Vibration test report Nimbus C /flight 302/ /mechanical/	1966
19690088867	Program requirements document	1966
19690088873	F3 Nimbus solar platforms /serial nos. 13 and 14/ Final report	1966
19690088880	NOS 6 power supply storage and control subsystem	1966
19690088883	Nimbus C /flight 302/ integration testing review and evaluation, addendum 1 Final report	1966
19690088894	Nimbus Technical Control Center /NTCC/ organization, volume 1	1966
19690088897	Susceptibility derived sublattice magnetization in antiferromagnets	1966
19690088902	Proposal for analysis and design of CDC 160-A and CDC 924 computer programs to utilize Nimbus telemetry data	1966
19690088910	Nimbus power supply - Shunt regulator design	1966
19690088931	AS-208 launch vehicle performance analysis	1966
19690088946	Relay, 28 voc, hermetically sealed, high reliability	1966
19690088951	Nimbus C WTR Final test report	1966
19690088966	Nimbus 2, orbits 2001 to 2400 Monthly flight evaluation report no. 6, 12 Oct. - 11 Nov. 1966	1966
19690088999	A study of selected airborne radar equipment /U/	1966
19690089015	Nimbus assembly program - User's guide, volume 2	1966
19690089020	Nimbus 2, orbits 1601-2000 Monthly flight evaluation report no. 5, 13 Sep. - 12 Oct. 1966	1966
19690089021	Nimbus technical control center Monthly progress report	1966
19690089022	Flight evaluation of Nimbus 2, orbits 401 to 800 Monthly report, 14 Jun. - 14 Jul. 1966	1966
19690089023	Flight evaluation of Nimbus 2, orbits 801 to 1200 Monthly report, 14 Jul. - 13 Aug. 1966	1966
19690089027	Cloud-top Altitude Radiometer, CAR Progress report, 1-30 Nov. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089050	Readout technique for detector array /U/ Interim technical report, 1 Apr. 1965 - 31 Mar. 1966	1966
19690089052	USAF accident bulletin for 1966 /U/	1966
19690089056	Development of a new class of inertial guidance systems, fourth phase /U/ Final technical report, 1 Dec. 1965 - 30 Nov. 1966	1966
19690089077	Turbo-propulsion combustion system exploratory development program /U/ Technical report, 1 Apr. 1964 - 30 Sep. 1966	1966
19690089079	Development of manufacturing methods for production of a wide dynamic range television pickup tube tooling /U/	1966
19690089095	Nimbus C spacecraft flight loads analysis	1966
19690089098	Investigation of high and low temperature resistant explosive devices /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19690089099	High power VHF tube development program /U/ Technical progress report, 1 Jul. - 8 Nov. 1966	1966
19690089100	The effect of aging on the ballistic performance of rocket motor, 762mm - M66 /improved Honest John/ /U/	1966
19690089101	Augmented thrust propulsion /U/ Quarterly report, Oct. - Dec. 1966	1966
19690089134	Flight test summary performance report for the XB-70A air vehicles /U/	1966
19690089207	Structural changes in high-strength steel associated with stress corrosion and its relationship to delayed failure Quarterly progress report, 1 Sep. - 30 Nov. 1966	1966
19690089209	Provisional electrical maintenance manual for K-300-A automatic picture recorder	1966
19690089221	Robertsshaw-Fulton temperature regulator assembly manufacturer's part number 1006-b1	1966
19690089231	Qualification test of S-4B/Saturn 5 forward skirt structure. General test plan item no. A-1, model no. S-4B/Saturn 5	1966
19690089236	Development of manufacturing methods for producing pyrolytic graphite in various shapes and structures Interim engineering progress report, 1 Jan. - 31 Mar. 1966	1966
19690089276	Basic investigation of turbine erosion phenomena Quarterly progress report, Jul. - Sep. 1966	1966
19690089292	Advanced Vidicon Camera Subsystem /AVCS/, for Nimbus meteorological satellite - Test log, calibration curves and photometric calibration data, flight model F-5	1966
19690089295	Report of test on aircraft accessory flexible power transmission shaft - Bendix Utica model no. 19E83-2A	1966
19690089308	Nimbus 1 spacecraft data compaction program Final report	1966
19690089355	Research for development of a superior titanium alloys for use up to 1200 deg F Interim engineering progress report, 1 Jul. - 30 Sep. 1966	1966
19690089357	Thermally and oxidatively stable polybenzothiazole resins Technical report, 15 May 1965 - 15 Jul. 1966	1966
19690089358	Vapor pressure osmometry as a means of determining polymer molecular weights Summary report, Oct. 1965 - Feb. 1966	1966
19690089367	Structural dynamics characteristics document Interim report	1966
19690089386	Hydrogen safety Progress report, 1 Apr. - 30 Jun. 1966	1966
19690089423	Delta orbit error analysis	1966
19690089435	Victor Equipment Company pressure regulator manufacturers part number LR19 BS4 B4 B3	1966
19690089451	Advanced photo subsystem component analysis. Effects of vibration and other random motions on high resolution photography sinusoidal vibration study and experimentation phase Final report, 1 Mar. 1965 - 30 Nov. 1966	1966
19690089454	An investigation of composite metal-glass fibers Bimonthly progress report, 10 Jun. - 9 Aug. 1966	1966
19690089468	A PCM capability plan and equipment performance tests for the Convaiv data station	1966
19690089472	Interference prediction model development - Utility of the probability scoring model	1966
19690089481	Research and development programs /U/ Quarterly report, Oct. - Dec. 1966	1966
19690089491	Advanced V/STOL thrust vectoring and reaction control augmentation /U/ Quarterly phase report	1966
19690089549	Solar conversion power supply subsystem for Nimbus satellite Quarterly technical report	1966
19690089563	Investigation of low frequency dynamic response of liquid-filled orthotropic shells. Volume 3 - Dynamic analysis of a tandem series of shells and liquid-filled tanks Final report, Nov. 1964 - Feb. 1966	1966
19690089577	Planar technology for millimeter wave devices Interim report, 1 Nov. 1965 - 1 Feb. 1966	1966
19690089602	X-band multipactor switch Final report	1966
19690089627	Developmental test of a TPV assembly for profiling temperature, pressure and velocity in solid propellant rocket motor exhaust plumes	1966
19690089628	Meteorological experiments for manned earth-orbiting missions. Volume 2 - Experiments Final report	1966
19690089632	Data acquisition report for solid propellant rocket motor static firings	1966
19690089665	NDC-1050A technical, volume 1. Computer assembly description	1966
19690089673	Quad gate element, revision	1966
19690089687	Solid state traveling wave ultrasonic devices. A program conducted advanced techniques contracts, phase 3 Progress report	1966
19690089689	Flow field calculations for BRL two-inch diameter shock tube	1966
19690089699	Measured daytime field intensities in the United States, at VLF, LF, and MF Interim report	1966
19690089710	Dual gate element	1966
19690089726	Amplifier, differential, operational	1966
19690089735	Polyphenylenesulfones by Friedel-Crafts type polycondensations Summary report	1966
19690089739	Grove Valve and Regulator Company 2-inch manual valve, figure no. M-17804-B	1966
19690089763	Basic investigation of the operation of propellant actuated devices in space environment, vacuum phase	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089764	Computation of some characteristics of pyrocarbon layers deposited on fuel particles from coating process measurements. Project Dragon	1966
19690089782	Fracture toughness of zircaloy-2 and Zr-2.5 wt percent Nb. A preliminary report	1966
19690089783	Testing and evaluation of reactor fuel particles Semiannual technical report, Aug. 1964 - Jan. 1965	1966
19690089802	Robbins Aviation, Inc. 3 port globe metering valve manufacturer's part number T-180	1966
19690089838	Reliability program plan checklist	1966
19690089876	Development of a supersonic transport aircraft engine. Phase 2-C /U/ Monthly progress report, 1-30 Apr. 1966	1966
19690089914	Absolute radiative capture cross section for fast neutrons in U238	1966
19690089928	Study of cryogenic propellant stratification reduction techniques Quarterly progress report, 18 Apr. - 31 Jul. 1966	1966
19690089929	Mission modes and systems analysis for lunar exploration. Interim lunar exploration data book - Exploration equipment part 2A transportation equipment	1966
19690089944	AS-201 electromagnetic compatibility data	1966
19690089954	Original minimizing controls for integral equations	1966
19690089956	Study of cryogenic propellant stratification reduction techniques Quarterly progress report, 1 Aug. - 31 Oct. 1966	1966
19690089974	Research on improved high modulus, high strength filaments and composites thereof Summary report	1966
19690089985	Error rates for Poisson processes	1966
19690090009	Information retrieval system for Deseret test center	1966
19690090012	Laminar boundary layers with non-uniform fluid properties	1966
19690090016	Material failures and their relation to component design	1966
19690090022	Development of gimballed electrostatic inertial navigator flight test program /U/	1966
19690090027	Development of a linear array of HgTe/CdTe detectors /U/ Interim technical report, 19 Aug. - 18 Nov. 1966	1966
19690090033	Radar cross section measurements of the Sergeant missile /U/	1966
19690090040	Mach 3-HTOHL space launch concept feasibility study of upperstage, phase 1A /U/ Interim report	1966
19690090041	XB-70A flight test summary report. Air induction foam system and air induction control system /U/	1966
19690090047	Dynamic compression tests on polyurethane foam	1966
19690090063	Controlled heat release with varying temperature source	1966
19690090079	The Weight Estimation of Hypersonic Airbreathing Aircraft /U/	1966
19690090094	Little Joe 2 test launch vehicle NASA Project Apollo. Volume 2 - Technical summary Final report	1966
19690090099	Behavior of various adsorbates on metal substrates Monthly progress report, 1-31 Oct. 1966	1966
19690090100	Behavior of various adsorbates on metal substrates Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19690090103	Electron bombardment cesium ion engine Monthly progress report, 1-31 Oct. 1966	1966
19690090104	Electron bombardment cesium ion engine Monthly progress report, 1-30 Sep. 1966	1966
19690090110	Behavior of various adsorbates on metal substrates Monthly progress report, 1 Aug. - 31 Aug. 1966	1966
19690090111	Flow meter and prototype mercury feed system development Monthly progress report, 1-30 Nov. 1966	1966
19690090112	Flow meter and prototype mercury feed system development Monthly progress report, 1-31 Oct. 1966	1966
19690090114	Flow meter and prototype mercury feed system development Monthly progress report, 1-30 Jun. 1966	1966
19690090116	Flow meter and prototype mercury feed system development Monthly progress report, 1-31 Jan. 1966	1966
19690090121	Behavior of various adsorbates on metal substrates Monthly progress report, 1-30 Nov. 1966	1966
19690090122	Behavior of various adsorbates on metal substrates Monthly progress report, 1-31 Jul. 1966	1966
19690090126	Behavior of various adsorbates on metal substrates Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19690090128	Behavior of various adsorbates on metal substrates Monthly progress report, 31 Mar. - 30 Apr. 1966	1966
19690090129	Behavior of various adsorbates on metal substrates Monthly progress report, 1-31 May 1966	1966
19690090134	Development and testing of porous ionizer materials Progress report, 1-30 Nov. 1966	1966
19690090141	Development and testing of porous ionizer materials Progress report, 1-31 Dec. 1965	1966
19690090143	Flow meter and prototype mercury feed system development Monthly progress report, 1-28 Feb. 1966	1966
19690090146	Power supplies using high frequency modules Monthly progress report, Dec. 1965	1966
19690090151	Development and testing of porous ionizer materials Progress report, 1-31 Jan. 1966	1966
19690090154	Electron bombardment cesium ion engine system Quarterly report	1966
19690090155	A boiler dynamics investigation Monthly progress report, 28 Jul. - 27 Aug. 1966	1966
19690090156	Flow meter and prototype mercury feed system development Monthly progress report, 1-31 May 1966	1966
19690090157	Development and testing of porous ionizer materials	1966
19690090164	Electron bombardment cesium ion engine system Quarterly report	1966
19690090167	Progress in the design, development, fabrication, test and delivery of a high-efficiency, light-weight, reliable power converter for ion thrusters Monthly report, 1-31 Mar. 1966	1966
19690090168	Flow meter and prototype mercury feed system development	1966
19690090174	Flow meter and prototype mercury feed system development Monthly progress report, 1-30 Apr. 1966	1966
19690090177	Flexible and rigid systems for the distribution of freezable liquids at low temperatures	1966
19690090178	Estimate of the resistance of the VERA cell roof to internal shock pressure and impact loading	1966
19690090180	Calculation of Doppler coefficients for three pulsed reactor cores	1966
19690090190	A 4,000-hr life test of a liquid-mercury cathode in a 20-cm LeRC ion thruster Special report, 1 May 1965 - 31 Oct. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090212	Flow meter and prototype mercury feed system development Monthly progress report, 1-31 Aug. 1966	1966
19690090223	Flodyne controls, Inc., pilot operated and controlled valve, mfg's. part no. 15C160	1966
19690090231	Progress in the design, development, fabrication, test and delivery of ion engine power conditioners Monthly progress report, 1-31 Jan. 1966	1966
19690090233	Progress in the design, development, fabrication, test and delivery of a high- efficiency, light-weight, reliable power converter for ion thrusters Monthly progress report, 1-28 Feb. 1966	1966
19690090239	Progress in the design, development, fabrication, test and delivery of a high efficiency, light-weight, reliable power convertor for ion thrusters Monthly report, 1-31 Oct. 1966	1966
19690090244	Progress in the design, development, fabrication, test and delivery of ion engine power conditioners Monthly report, 1-30 Sep. 1966	1966
19690090248	Progress in the design, development, fabrication, test and delivery of a high- efficiency, light-weight, reliable power converter for ion thrusters Monthly progress report, 1-31 Aug. 1966	1966
19690090265	Marotta Valve Corp. valve, piloted shut-off, P/N 806162, model PVM 555H30-1A	1966
19690090270	Autoclave Engineers, Inc., 1/4-in manually operated angle valve, P/N 20-7163	1966
19690090291	One micron photodetector, supplement /U/ Final technical report, 11 Jun. 1963 - 31 Mar. 1966	1966
19690090294	Microchannel image converter tube studies /U/ Final report, 15 Nov. 1963 - 30 Jun. 1966	1966
19690090303	Research on direct view tubes /U/ Final report, 15 Jun. 1965 - 15 Jun. 1966	1966
19690090304	Development of a linear array of HgTe/CdTe detectors /U/ Interim technical report, 18 May - 18 Aug. 1966	1966
19690090338	Progress in the design, development, fabrication, test and delivery of ion engine, power conditioners Monthly progress report, 1-28 Feb. 1966	1966
19690090354	Investigation of the supersonic through-flow compressor concept /U/ Quarterly progress report, 15 May - 15 Aug. 1966	1966
19690090381	Progress in the design, development, fabrication, test and delivery of a high- efficiency, light-weight, reliable power converter for ion thrusters Monthly progress report, 1-30 Sep. 1966	1966
19690090386	A theoretical approach for determining the response of complex structure to arbitrary random noise fields	1966
19690090393	A 350K liquid oxygen turbopump	1966
19690090402	Development of a high temperature resistant mild detonating fuse-V /U/	1966
19690090408	[No Title]	1966
19690090418	EFCO Hydraulics, Inc. 1-in manual ball valve, P/N 22M-6100-316-T-MC240, 6000 psig service	1966
19690090429	Futurecraft Manufacturing Co. manual valve, P/N 30633	1966
19690090463	Progress in the design, development, fabrication, test and delivery of ion engine power conditioners Monthly progress report, 1-31 Jul. 1966	1966
19690090464	Progress in the design, development, fabrication, test and delivery of ion engine power conditioners Monthly progress report, 1-31 May 1966	1966
19690090465	Progress in the design, development, fabrication, test and delivery of ion engine power conditioners Monthly progress report, 1-31 Oct. 1966	1966
19690090481	Generation of long-time creep data on refractory alloys for elevated temperatures Monthly progress report, 26 Jan. - 26 Feb. 1966	1966
19690090482	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 26 Jun. - 26 Jul. 1966	1966
19690090483	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 26 Apr. - 26 May 1966	1966
19690090484	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 26 Mar. - 26 Apr. 1966	1966
19690090485	Electron bombardment cesium ion engine Monthly progress report, 1-30 Nov. 1966	1966
19690090486	Progress in the design, development, fabrication, test and delivery of a high- efficiency, light-weight, reliable power converter for ion thrusters Monthly progress report, 1-31 May 1966	1966
19690090488	Distortion symptoms for accelerometer cable defects	1966
19690090490	Progress in the design, development, fabrication, test and delivery of a high- efficiency, light-weight, reliable power converter for ion thrusters Monthly progress report, 1-30 Jun. 1966	1966
19690090491	Progress in the design, development, fabrication, test and delivery of a high- efficiency, light-weight, reliable power converter for ion thrusters Monthly progress report, 1-30 Apr. 1966	1966
19690090492	Progress in the design, development, fabrication, test and delivery of a high- efficiency, light-weight, reliable power converter for ion thrusters Monthly progress report, 1-31 Jan. 1966	1966
19690090496	Evaluation of Aircarry of S-4B Stages via the Super Guppy	1966
19690090497	The development of the Manned Orbital Research Laboratory /MORL/ system utilization potential - MORL briefing	1966
19690090502	Development and testing of porous ionizer materials Progress report, 1-28 Feb. 1966	1966
19690090523	Comparative evaluation of USAF standard A/P22S-2 and improved A/P22S-2A high altitude, full pressure flying outfits. Supplement 1. A/22S-2A /Mod 1/	1966
19690090526	Asymptotic hypersonic-flow theory for blunted slender cones and wedges Technical report, Sep. 1963 - May 1966	1966
19690090534	Development of techniques for producing charged colloidal particles Monthly report for Mar. 1966	1966
19690090535	Development of techniques for producing charged colloidal particles Monthly report for Feb. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090536	Development of techniques for producing charged colloidal particles Monthly report for Jan. 1966	1966
19690090538	Lunar Applications of a Spent S-4B/IU Stage /LASS/	1966
19690090541	Development of techniques for producing charged colloidal particles Monthly report for Dec. 1965	1966
19690090544	Development of techniques for producing charged colloidal particles Monthly report for Apr. 1966	1966
19690090548	Development of techniques for producing charged colloidal particles Monthly report, Oct. 1966	1966
19690090552	Development of techniques for producing charged colloidal particles Monthly report, Jun. 1966	1966
19690090571	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 26 Jul. - 26 Aug. 1966	1966
19690090577	Electron bombardment cesium ion engine Monthly progress report, 1-28 Feb. 1966	1966
19690090579	Electron bombardment cesium ion engine Monthly progress report, 1-31 Dec. 1965	1966
19690090591	Electron bombardment cesium ion engine Monthly progress report, 1-30 Jun. 1966	1966
19690090592	Electron bombardment cesium ion engine Monthly progress report, 1-30 Apr. 1966	1966
19690090593	Electron bombardment cesium ion engine Monthly progress report, 1-31 May 1966	1966
19690090597	Electron bombardment cesium ion engine Monthly progress report, 1-31 Aug. 1966	1966
19690090598	Electron bombardment cesium ion engine Monthly progress report, 1-31 Jul. 1966	1966
19690090599	Electron bombardment cesium ion engine Monthly progress report, 1-31 Mar. 1966	1966
19690090607	A brief description of computer programming	1966
19690090609	Preliminary analysis of flip-flop switch circuitry with non-volatile memory	1966
19690090614	Development and testing of porous ionizer materials Monthly progress report, 1-30 Sep. 1966	1966
19690090617	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 26 Sep. - 26 Oct. 1966	1966
19690090618	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 26 Oct. - 26 Nov. 1966	1966
19690090621	Development and testing of porous ionizer materials Progress report, 1-31 Aug. 1966	1966
19690090622	Development and testing of porous ionizer materials Progress report, 1-30 Apr. 1966	1966
19690090623	Development and testing of porous ionizer materials Progress report, 1-31 Oct. 1966	1966
19690090624	Development and testing of porous ionizer materials Progress report, 1-31 Mar. 1966	1966
19690090629	Comparison of zirconium-hydride reactor fuel fuel cladding materials	1966
19690090630	Instrumentation for accelerometer shock calibration	1966
19690090640	Analysis of polyolefin dimensional stability	1966
19690090653	A description of the NASA-Ames cone, blunt body and method of characteristics flow field programs	1966
19690090658	Wire, electrical, 600 volt, 400F, nickel and silver coated copper conductor Final specification	1966
19690090659	An evaluation of silver-plated, nickel-plated copper wire	1966
19690090660	Evaluation test plan for RL07 resistors	1966
19690090665	Assembly procedure for shielded wire terminations using solder sleeves for AGM-45A	1966
19690090666	Qualification test plan for polycarbonate capacitors	1966
19690090670	Annual summary report /U/	1966
19690090671	High performance aircraft defense techniques. Volume 1 - System analysis /U/	1966
19690090672	Advanced development program, high performance cryogenic liquid rocket technology /liquid oxygen/liquid hydrogen/ /U/	1966
19690090674	Development of propellants containing an energetic oxidizer /U/ Quarterly progress report, 1 Sep. - 30 Nov. 1966	1966
19690090690	AGM-69A. Detailed analysis reports. Volume 17 - Flight control system equipment analysis /E1.9.3/ /U/ Final report	1966
19690090691	AGM-69A. Detailed analysis reports. Volume 21 - Rational probability analysis for captive flight gust loads /U/ Final report	1966
19690090692	AGM-69A. Detailed analysis reports. Volume 24 - Acoustics and vibration analysis for captive and free flight /U/ Final report	1966
19690090693	AGM-69A. Detailed analysis reports. Volume 25 - Missile service life analysis /U/ Final report	1966
19690090694	AGM-69A. Detailed analysis reports. Volume 28 - Discrete gust loads analysis /U/ Final report	1966
19690090695	AGM-69A. Detailed analysis reports. Volume 30 - Aircraft avionics error analysis /U/ Final report	1966
19690090696	AGM-69A. Detailed analysis reports. Volume 33 - Analysis of vertical velocity error /U/ Final report	1966
19690090697	AGM-69A. Detailed analysis reports. Volume 48 - Recovery system feasibility analysis /U/ Final report	1966
19690090698	AGM-69A. Detailed analysis reports. Volume 49 - Missile radar cross section analysis /U/ Final report	1966
19690090699	AGM-69A. Detailed analysis reports. Volume 50 - Aerospace ground equipment /U/ Final report	1966
19690090730	Effects of exit flow non-uniformity on SCRAM air induction system performance determination /U/	1966
19690090736	Hot Gas Secondary Injection Thrust Vector Control Demonstration Program	1966
19690090738	Low-flame temperature gas generator propellants program /U/ Final report, 1 Apr. 1965 - 31 Mar. 1966	1966
19690090739	Investigation of techniques for decontamination and control of advanced propellant spills /U/ Final report, 1 Mar. 1965 - 28 Feb. 1966	1966
19690090754	Investigation of component cracking after conathane conformal coating	1966
19690090758	AEC Research and Development Report	1966
19690090773	Research in real-time, dynamic computer control	1966
19690090789	Full scale wind tunnel tests of the Lockheed CL-870 in-flight stopping and folding rotor system - Dynamic response results	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090802	Detailed analysis reports, volume 26. Structural thermal analysis Final report	1966
19690090810	Superinsulation research and development program	1966
19690090820	Calculation of characteristic admittances and coupling coefficients for strip transmission lines	1966
19690090836	A study of composite propulsion systems for advanced launch vehicle applications Monthly progress report, 20 Jul. - 19 Aug. 1966 /U/	1966
19690090838	Advanced engineering program system and dynamics investigation /Aerospike/ Monthly report, Mar. 1966 /U/	1966
19690090905	The AIMP-D launch operations log	1966
19690090921	AIMP retromotor program	1966
19690090926	Biomedical research studies in acceleration, impact, weightlessness, vibration, and emergency escape and restraint systems - A comprehensive bibliography Supplement one, 1966	1966
19690090932	Development of a supersonic transport aircraft engine, phase 2-C /U/ Monthly progress report, 1-31 Jan. 1966	1966
19690090933	Ballistic evaluation of the United Technology Center UTP-3001B propellant at pressure altitude conditions using six TM-3A rocket motors /U/	1966
19690090934	Hot gas secondary injection thrust vector control demonstration program /U/ Quarterly technical report, 1 Jun. - 30 Sep. 1966	1966
19690090936	The fluidic generator /U/	1966
19690090937	Structural design concepts for variable geometry lifting surfaces of reentry vehicles /U/ Final report	1966
19690090938	Manufacturing process for energetic storable liquid oxidizer /U/ Interim progress report, 15 Jul. - 14 Oct. 1966	1966
19690090939	Advanced Thrust Chamber for Space Maneuvering Propulsion, Task 1 System Studies /U/ Final Report	1966
19690090940	Laser distance measuring equipment /U/ Final report, 1 Jul. 1962 - 30 Jun. 1965	1966
19690091014	The evolving pattern of statistical techniques in the remote-sensing program Semiannual status report, period ending 30 Sep. 1966	1966
19690091015	Urban and transportation information systems Annual report	1966
19690091037	Investigation of in situ physical properties of surface and subsurface site materials by engineering geophysical techniques Quarterly report, 1 Jan. - 31 Mar. 1966	1966
19690091038	Photographic color combination procedures and equipment available at CRES	1966
19690091086	Quarterly status report, 1 October 1965 - 1 April 1966	1966
19690091101	Experimental very low frequency navigation system evaluation	1966
19690091112	Computations for the Decca hyperbolic lattice system	1966
19690091113	The visual observation of occultations	1966
19690091147	Summary of contractor results in support of the refractory metals sheet rolling program	1966
19690091149	Purdue field experiments using the Perkin- Elmer SG-4 spectrometer	1966
19690091151	Mach reflection of plane shocks on a wedge Final report	1966
19690091156	The determination of the mass and oblateness of Mars from the orbits of its satellites	1966
19690091165	Reliability action report on resistor R607 manufactured by International Resistor Company and used on AGM-45A-3 computers	1966
19690091178	MSSR probe research and development study report	1966
19690091194	Equations of state of liquids and calculations of waste heat	1966
19690091237	Exploratory investigation of the vapor-chamber fin concept for space radiators Monthly progress report, 1-31 Mar. 1966	1966
19690091246	The unsteady and steady one-dimensional expansion of dense real gas Engineering report no. 1332	1966
19690091285	The introduction to "The NAO Handbook on the use of the ICT 1909 Computer System"	1966
19690091286	The application of limb corrections to occultation observations	1966
19690091287	A comparison of ephemeris and atomic times	1966
19690091328	Power subsystems state of the art and projection report	1966
19690091332	Measurement of the charge exchange cross-section of mercury Monthly progress report, 1-30 Nov. 1966	1966
19690091354	Measurement of the charge exchange cross-section of mercury Monthly progress report, 1-30 Sep. 1966	1966
19690091357	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Monthly progress report, 1-30 Jun. 1966	1966
19690091358	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Monthly progress report, 1-31 Oct. 1966	1966
19690091363	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Monthly progress report, 1-30 Sep. 1966	1966
19690091374	Measurement of the charge exchange cross section of mercury Monthly progress report, 1-31 Jul. 1966	1966
19690091384	Analytical and experimental study of porous metal ionizers Monthly report, 4 Nov. - 4 Dec. 1966	1966
19690091385	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Monthly progress report, 1-31 Aug. 1966	1966
19690091406	Ion rocket engine development Monthly progress report, 1-31 Dec. 1965	1966
19690091408	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Monthly progress report, 1-31 Jul. 1966	1966
19690091411	Saturn 1B family configuration and performance data	1966
19690091414	Check valve, 1/4-inch, James, Pond and Clark Corporation part number K220T6-4TT-3	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091416	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Oct. - 13 Nov. 1966	1966
19690091418	Design, development, fabrication, test and delivery of electrothermal engine systems Monthly report, 1-31 Oct. 1966	1966
19690091419	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Monthly progress report, 22 Apr. - 31 May 1966	1966
19690091430	Analytical and experimental study of porous metal ionizers Monthly report, 4 Aug. - 4 Sep. 1966	1966
19690091452	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Monthly progress report, 1-28 Feb. 1966	1966
19690091453	Measurement of sputtering yields and energy transfer efficiencies of liquid metals Monthly progress report, 1-31 Dec. 1965	1966
19690091457	Research and Development on the Pulsed Plasma Accelerator /REPPAC/ Monthly progress report	1966
19690091458	Research and Development on the Pulsed Plasma Accelerator /REPPAC/ Monthly progress report	1966
19690091460	Sage Engineering and Value Company, 1-inch check valve, part no. 1-9085, 6,000 psig service	1966
19690091465	Analytical and experimental study of porous metal ionizers Monthly report, 4 Sep. - 4 Oct. 1966	1966
19690091468	Aircraft performance related to ground alert duration /U/	1966
19690091469	Estimation of ballistic parameter at high altitude /U/	1966
19690091488	Investigation of independent structure /space/ crew escape concepts Technical report, 1 Jun. 1964 - 1 Nov. 1965	1966
19690091504	Thermal analysis of anode and cathode regimes in an electric arc column Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19690091513	Analytical and experimental evaluation of hypersonic inlets Quarterly progress report, 1 Jun. - 31 Dec. 1965	1966
19690091521	Report on the design requirements for reactor power systems for manned earth orbital applications, book 2 /U/	1966
19690091541	Penetration Radar /PENRAD/ /U/ Interim report, 1 Dec. 1965 - 28 Feb. 1966	1966
19690091542	Studies related to the dynamic behavior of a spinning, ablating slender cone upon reentry /U/	1966
19690091543	Research on low vaporization and low surface temperature ablative material /U/ Quarterly progress report, 1 Jan. - 1 Apr. 1966	1966
19690091544	Investigation of re-entry vehicle surface fields /U/ Quarterly report, 18 Dec. 1965 - 18 Mar. 1966	1966
19690091545	TRAP re-entry data report for AFWTR flight test 2560 /U/	1966
19690091547	[No Title]	1966
19690091549	Radar cross section measurements of the Mark 6 re-entry vehicle model A4 serial no. 302A /VIP/ Pacific Missile Range configuration /U/	1966
19690091550	Electron density distribution about a 7 1/2 inch diameter sphere /U/	1966
19690091551	AGM-69A. Detailed analysis reports. Volume 43 - Maintainability /U/ Final report	1966
19690091552	AGM-69A. Detailed analysis reports. Volume 3 - Carrier aircraft secondary power supply analysis /U/ Final report	1966
19690091553	AGM-69A. Detailed analysis reports. Volume 4 - Environmental control analysis /U/ Final report	1966
19690091586	Design, development, fabrication, test and delivery of electrothermal engine systems Monthly report, 1-31 May 1966	1966
19690091588	Lecture series in differential equations. Session 4 - Differential operators	1966
19690091589	Estimates for singular integral operators	1966
19690091590	Formally normal ordinary differential operations	1966
19690091591	On pseudo-differential operators	1966
19690091599	Space power systems	1966
19690091614	Analytical and experimental study of porous metal ionizers Monthly report, 4 Jun. - 4 Jul. 1966	1966
19690091615	Analytical and experimental study of porous metal ionizers Monthly report, 4 Apr. - 4 May 1966	1966
19690091624	Exploratory study of hypergolic ignition spike phenomena. Phase 2 Quarterly report, 1 Jan. - 31 Mar. 1966	1966
19690091627	Interim progress report for prediction and measurement of solid propellant motor exhaust plumes	1966
19690091628	Development of a pressure and force transducer calibration procedure Monthly progress report, 1-31 Jan. 1966	1966
19690091658	C-1 engine program - Phase 2 development Monthly technical report, 16 Dec. 1965 - 15 Jan. 1966	1966
19690091666	C-1 engine program - Phase 2 development Biweekly progress report 3, 10-23 Dec. 1966	1966
19690091669	C-1 engine program - Phase 2 development Monthly technical report, 16 Jan. - 15 Feb. 1966	1966
19690091690	MSFN postmission report for Nimbus-C	1966
19690091692	Additional nomograph solutions for multipath conics math study	1966
19690091707	Multipath conics math study	1966
19690091788	C-1 engine program. Phase 2 - Development Monthly technical report, 16 Jun. - 15 Jul. 1966	1966
19690091820	Wind Tunnel Simulation of Inlet and Exhaust System Effects with the Powered Nacelle for Wing-Nacelle Combinations /U/	1966
19690091832	AGM-69A - Detailed analysis report. Volume 15 - Flight control system performance requirements analysis /U/ Final report	1966
19690091833	AGM-69A - Detailed analysis report. Volume 2 - Missile secondary power requirements /U/ Final report	1966
19690091834	AGM-69A - Detailed analysis reports. Volume 1 - Propulsion subsystem /U/ Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091860	Report on high energy propellants containing light metals and their hydrides /U/	1966
19690091891	Microballistic weapon systems studies /U/	1966
19690091892	Influence of boost glide re-entry vehicle environment on coated and bare refractory metals /U/	1966
19690091894	Scramjet missiles - Hard-point-defense and counterbattery ASLBM missions /U/	1966
19690091897	Aircraft design features for air-to-air combat - A qualitative approach /U/	1966
19690091901	Results of the 10th Saturn 1 launch vehicle - Test flight SA-10 /U/	1966
19690091933	Reentry Vehicle Instrumentation Program /RVIP/, Low Observable Reentry Vehicle /LORV/ L-4 - Flight Data Book /U/	1966
19690091941	Summary test report for the structures subsystem of the B-70 prototype air vehicle /U/	1966
19690091951	Reentry Vehicle Instrumentation Program /RVIP/ Flight Data Book. Low Observable Reentry Vehicle /LORV/ L-6, Volume 1 /U/	1966
19690091954	Ozone feasibility study /U/ Quarterly technical report	1966
19690091955	Oxidizer encapsulation /U/ Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1966
19690091957	Error analysis /U/	1966
19690091960	Launcher system analysis /U/	1966
19690091992	Main tank injection for packaged liquid missiles, phase 1 report. Volume 1 - System analysis and component test /U/	1966
19690092008	C-1 engine program - Phase 2 development Biweekly progress report 1, 14-25 Nov. 1966	1966
19690092028	C-1 Engine Program - Phase 2 Development Biweekly Progress Report, 26 Nov. - 9 Dec. 1966	1966
19690092060	Preliminary alternate mission analysis Gemini 10, report 7	1966
19690092080	Study of Kennedy Space Center safety hazards. Task 1 - Vehicle assembly building operations. Appendix A - Blast and thermal hazard area illustrations	1966
19690092084	Interpolation in HO 229 sight reduction tables for marine navigation	1966
19690092092	Nonograph solutions for multipath conics math study	1966
19690092103	Results of static proof, shake and whirl tower tests of the Lockheed CL-870 in-flight stop-and-fold rotor system	1966
19690092113	Evaluation plan for determination of high frequency parameters of selected transistor types	1966
19690092122	Review of physical properties of liquid metals. Part 2 - Temperature range between boiling point and about 1300 deg C	1966
19690092129	Theoretical investigation of the laminar near wake of blunt bodies	1966
19690092165	System Test Objectives for Atlas Launch Vehicle Participation in ATDA Program	1966
19690092170	Birds Eye 4-66, 16-29 June 1966 Informal manuscript	1966
19690092178	Two-stage potassium test turbine Monthly progress report, 8 Mar. - 8 Apr. 1966	1966
19690092179	Two-stage potassium test turbine Monthly progress report, 8 Aug. - 8 Sep. 1966	1966
19690092180	Two-stage potassium test turbine Monthly progress report, 8 May - 8 Jun. 1966	1966
19690092181	Two-stage potassium test turbine Monthly progress report, 8 Sep. - 8 Oct. 1966	1966
19690092187	Saturn 5 thrust vector control system data	1966
19690092214	Application of pure fluid devices in power drives and control systems on missile launchers and gun mounts Technical report, Oct. 1966	1966
19690092297	Failure information notebook	1966
19690092298	Wideband reflector feeds for monopulse operation	1966
19690092316	Research on magnesium antimonide and magnesium bismuthide as thermocouple materials for thermoelectric power generation Bimonthly progress report, 27 May - 27 Jul. 1966	1966
19690092317	Research on magnesium antimonide and magnesium bismuthide as thermocouple materials for thermoelectric power generation Bimonthly progress report, 27 Mar. - 27 May 1966	1966
19690092348	Saturn 5 LVDC auxiliary memory study Final report	1966
19690092360	Cesium feed systems electrical isolation Monthly progress report, Aug. 1966	1966
19690092374	Cesium feed systems electrical isolation Monthly progress report, Jul. 1966	1966
19690092375	Cesium feed systems electrical isolation Monthly progress report, Nov. 1966	1966
19690092402	Design of bonded sandwich intertank structure for Saturn 5 vehicle Quarterly report, 1 Sep. - 30 Nov. 1965	1966
19690092405	Attitude equations for the applications technology satellite gravity gradient stabilization system	1966
19690092419	Test results of liquid level point sensor operation in liquid hydrogen Final report	1966
19690092435	Research on magnesium antimonide and magnesium bismuthide as thermocouple materials for thermoelectric power generation Bimonthly progress report, 27 Jan. - 27 Mar. 1966	1966
19690092452	Cesium feed systems electrical isolation Monthly progress report, Oct. 1966	1966
19690092460	Extrapolation procedure for Saturn 5 vibration predictions	1966
19690092475	Two-stage potassium test turbine Monthly progress report, 8 Nov. - 8 Dec. 1966	1966
19690092476	Two-stage potassium test turbine Monthly report, period ending 8 Nov. 1966	1966
19690092504	Theoretical investigation of the laminar near wake of blunt bodies	1966
19690092524	ASSET. Volume 2 - Systems description and evaluation	1966
19690092552	Astrogeologic studies Annual progress report, 1 Jul. 1965 - 1 Jul. 1966	1966
19690092567	Applications Technology Satellite /ATS-B/	1966
19690092579	Saturn S-4B-203 stage flight evaluation report, volume 1	1966
19690092629	Study of Kennedy Space Center safety hazards. Task one - Vehicle assembly building operations	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092632	Core study for the specialized mass spectrometer	1966
19690092638	Worst case analysis for the specialized mass spectrometer, book 1	1966
19690092639	Worst case analysis for the specialized mass spectrometer. Book 2 - Detector	1966
19690092640	Worst case analysis for the specialized mass spectrometer. Book 3 - Quadrupole power supply	1966
19690092641	Worst case analysis for the specialized mass spectrometer. Book 4 - Dc power supplies	1966
19690092642	Improved detector systems for the specialized mass spectrometer	1966
19690092712	Grove press regulator P/N 11131k066a, model 202B, replacement for P/N 11115k066b, model 201B	1966
19690092729	Electropolishing of germanium surfaces. Part 1 - Dynamic-cell anodic polishing of single-crystal germanium	1966
19690092735	Birds Eye 10-65, 6-22 November 1965	1966
19690092757	Meson-nucleon coupling constants from nucleon- nucleon forward dispersion relations	1966
19690092758	Birds Eye 11-65, 4-18 December 1965	1966
19690092760	Scout First Stage Roll Moment Disturbance	1966
19690092768	Oscillator /quadrupole/ control techniques for the specialized mass spectrometer	1966
19690092776	Goonhilly Satellite System Earth Station- Receiving equipment-s.h.f., down-conversion and i.f. pre-amplifier stages	1966
19690092784	Present views of the Gulf Stream	1966
19690092785	On the numerical prediction of oceanic thermal structure	1966
19690092851	Development of high-temperature materials for rocket nozzles and associated structures /U/ Quarterly report, 1 Apr. - 30 Jun. 1966	1966
19690092852	Development of high-temperature materials for rocket nozzles and associated structures /U/ Quarterly report, 1 Jul. - 30 Sep. 1966	1966
19690092923	Booster guided missile Mark 12 mod 0 /TERRIER/ type-life 3.0-year summary report /U/	1966
19690092939	NASA's hypersonic ramjet experiment project /U/	1966
19690092949	Rat Scat Facility measurements of the expended Minuteman third stage, phase 2 /U/	1966
19690092950	Range of a skipping ICBM and its skip-launched chaff carrier /U/	1966
19690092951	Effect of target location error on strike and reconnaissance missions /U/	1966
19690092952	Visible radiation from a stream of reacting char particles /U/	1966
19690092955	Investigation of re-entry vehicle surface fields /U/ Quarterly report, 18 Mar. - 18 Jun. 1966	1966
19690092956	Scoring encounter between vehicles at orbital altitudes /U/	1966
19690092957	Marking and detection /U/ Final report, 26 May 1964 - 31 Mar. 1966	1966
19690092959	Titan 2 operational test program summary /U/ Final report	1966
19690092960	Advanced liquid rocket technology. Project 1 - Advanced storable liquid rocket technology /U/	1966
19690092962	Maneuverable spacecraft mission analysis /U/	1966
19690092964	Reentry Vehicle Instrumented Program /RVIP/LORV/ /U/ Interim report, 8 Feb. - 8 Jun. 1966	1966
19690092967	Ionization model for high altitude rocket plumes /U/ Final report, 1 Jul. 1965 - 3 May 1966	1966
19690092968	The interaction of high-power optical radiation with solids /U/ Technical report, Oct. 1962 - Sep. 1965	1966
19690093061	Cesium feed systems electrical isolation Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19690093079	Polymer structures and properties Summary report, Jan. - Dec. 1965	1966
19690093132	Study to determine neutralization and suppression techniques of toxic and thermal hazards Final report	1966
19690093162	MOL zero g flight test plan, DD form 1423, data item UT-/133/	1966
19690093164	Electro-interference test report, WS-133A-M/494L launch system complex - WTR Final test report, 24 Sep. - 24 Oct. 1966	1966
19690093182	The influence of air on the performance of differential-pressure water flowmeters	1966
19690093202	Qualification testing study and test program for integrated circuits, volume 1	1966
19690093252	Status report	1966
19690093272	Operation and service manual for fuel and oxidizer metering units 52E420012 and 52E420025	1966
19690093274	Operation and service manual for MDIU and IVI EFC console 52E270034	1966
19690093283	The energy of an electric spark - The criterion for the incendiarity of an explosive gas mixture	1966
19690093317	Definition of experiment program in space operations techniques and subsystems	1966
19690093331	Heat transfer and pressure distributions on hypersonic control surfaces	1966
19690093337	A second report on the radar cross section enhancement of reentry vehicles /U/	1966
19690093338	Research on low vaporization and low surface temperature ablative material /U/ Quarterly progress report, 1 Oct. 1965 - 1 Jan. 1966	1966
19690093341	TRAP reentry data report for WTR test no. 1417 /U/	1966
19690093342	Terminal radiation program. Volume 2 - Data processing and special studies /U/ Semiannual report, 1 Jan. - 30 Jun. 1966	1966
19690093344	Waveforms for radar designation by means of beta-filtering /U/	1966
19690093345	TRAP reentry data report for WTR test no. 0643 /U/	1966
19690093347	Report of research to the NASA Research Advisory Committee on biotechnology and human research /man-systems integration panel/	1966
19690093357	Interference prediction model development - Terrain matrix computations	1966
19690093388	Design and development of thermal analog tube-like devices for measuring the thermal efficiency of electron tube heat dissipating shields Final report	1966
19690093411	Lunar Applications of a Spent S-IVB/IU Stage (LASS)	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093484	An Investigation and Development of Film Protected, Convectively Cooled Nozzles /U/ Final Technical Report	1966
19690093485	Gemini Atlas Agena Target Vehicle. Integrated Guidance Flight Test Report	1966
19690093496	Synthesis of energetic oxidizers /U/ Quarterly progress report, 1 Aug. - 31 Oct. 1966	1966
19690093561	Lecture series in differential equations. Session 5 - Differential equations of mathematical physics	1966
19690093596	Operation and service manual for coolant system flush and purge unit 52E180160	1966
19690093597	Qualification test report RF detectors model AGM-45A-3 guided missile	1966
19690093608	Microelectronic device, dual differential comparator	1966
19690093662	Summary technical report, 1 January - 31 March 1966	1966
19690093665	Heater bands, environmental tests for Electro-flex Heat, Incorporated	1966
19690093682	Flight Analysis, Tactical Air Combat /FANTAC/. Volume 1 - Model description Final report, 15 Nov. 1965 - 14 Oct. 1966	1966
19690093683	Fighter Analysis, Tactical Air Combat /FANTAC/. Volume 3 - Model flow diagrams Final report, 15 Nov. 1965 - 14 Oct. 1966	1966
19690093684	Fighter Analysis, Tactical Air Combat /FANTAC/. Volume 2 - Operating instructions Final report, 15 Nov. 1965 - 14 Oct. 1966	1966
19690093685	Helium sensitivity/contamination of electronic display components	1966
19690093707	Valve, check, series-parallel, helium	1966
19690093719	Investigation of gaseous nuclear rocket technology-classified programs Quarterly progress report, 16 Sep. - 15 Dec. 1966	1966
19690093794	Lifetimes of orbiting vehicles Monthly progress report	1966
19690093818	Development of a deep subsurface lunar drill for post-Apollo mission Final report, 15 Jul. 1965 - 15 Aug. 1966	1966
19690093853	C-1 Engine Program Design Review	1966
19690093860	Definition of electrical interface Saturn 5 launch vehicle ESE to Apollo Spacecraft ESE	1966
19690093865	C-1 engine program. Phase 2 - Development. Failure mode and effects analysis	1966
19690093874	Launch vehicle flight dynamics analysis design assurance, SA-502	1966
19690093895	Study of the effectiveness of NASA incentive contracts, volume 1	1966
19690093896	Study of the effectiveness of NASA incentive contracts, volume 2	1966
19690093939	Apollo Block 2 ECS radiator rapid computation program	1966
19690093981	Evaluation tests on relays, type no. Br15-S91	1966
19690094048	Pre-test report for high speed wind tunnel tests of a one-fourth scale inlet model Ryan XBQM-34E supersonic drone	1966
19690094135	Re-entry data report - WTR test no. 7869 /U/	1966
19690094137	Development of electrostatic gyro /ESG/ electrode and rotor techniques /U/ Final technical report	1966
19690094150	Airload due to small lateral oscillations of a body of revolution in supersonic flight	1966
19700024882	Free oscillation dynamic stability characteristics of the Apollo launch escape vehicle with and without post-abort canard surfaces at Mach numbers of 0.50, 0.70, 0.80, 1.59 and 1.98	1966
19700070303	Application notes for pulse-coherent retrodirective arrays	1966
19700070305	Retrodirective arrays for pulse-coherent transponders	1966
19700070308	Acoustic and magnetoacoustic delay lines for C-band	1966
19700070316	EEG frequency and reaction time - A sequential analysis	1966
19700070317	Some characteristics of stimulus-provoked alpha activity	1966
19700070471	Evoked potentials and reaction times - A study of intra-individual variability	1966
19700070810	Theoretical limitations on the accuracy of frequency measurement	1966
19700071226	Development of a computer program for determining external radiation absorbed by the Apollo spacecraft Final report, 1 Mar. 1965 - 1 Apr. 1966	1966
19700071228	Solutions of systems of nonlinear equations Final report	1966
19700071354	A study of instrumentation for a gas chromatograph using flame ionization detection Final report	1966
19700071551	Evaluation of molybdenum gravity gradient rods Final report, 1 Sep. 1965 - 1 May 1966	1966
19700071641	An analytical investigation of flow properties of rarefied gas	1966
19700071681	Columbian ductility Final report	1966
19700071685	Development of a computer program for determining external radiation absorbed by the Apollo spacecraft - Final user's manual, 1 March 1965 - 1 June 1966	1966
19700071812	Final report	1966
19700071842	Study of materials for gas-lubricated gyro bearings Final report, 22 Mar. - 31 Oct. 1966	1966
19700072000	Manned space flight network postmission report for the AC-8 mission	1966
19700072078	The reactions pertaining to zinc-silver and cadmium-silver batteries Quarterly report	1966
19700072197	Study of a Renovated Command Module Laboratory and Renovated Command Module. Volume 1 - Summary Final Report	1966
19700072230	Spectrophotometric determination of tantalum	1966
19700072251	Tape recorder belt study - Thermal shrinkage of polyester base magnetic tape Final report	1966
19700072252	Tables of convective stellar envelope models	1966
19700072314	Renovated Command Module Laboratory and renovated command module study Final review	1966
19700072461	Coning Motion	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700072468	Evaluation of servo response data for telespectrograph system	1966
19700072561	Integration of improvements in silver-cadmium electrochemical cells	1966
19700072908	A proposal for availability extension studies as a means of extending the useful life of the Apollo spacecraft	1966
19700072964	Pressurization system for use in the Apollo service propulsion system Summary report	1966
19700073061	The economic impact of the US space program on the US economy	1966
19700073212	Afterbody drag of several clustered jet-exit configurations at transonic speeds	1966
19700073214	Measurements of flow characteristics in an axial-flow vortex tube	1966
19700073229	Theoretical investigation of the temperature distribution in the propellant region of a vortex-stabilized gaseous nuclear rocket	1966
19700073414	Calcium and nitrogen balance studies during Gemini 7 flight	1966
19700073482	Measurements of flow characteristics	1966
19700073630	Plan of test of mobility test articles, block 1 of lunar surface vehicle studies /hard- surface phase/	1966
19700074007	Study for optical technology Apollo extension system, phase 1 and 1A Condensed summary report	1966
19700074085	Study of performance in a revolving space station simulator as a function of head rotation about Y and Z cranial axes Final report	1966
19700074562	Interaction of magneto-plasma waves in a two component solid state plasma	1966
19700075051	Relation of auroral radiation to the magnetopause and to Van Allen radiation	1966
19700075083	Comparison of fixture and spacecraft vibration tests of a Mariner C electronic assembly	1966
19700075116	Radio/optical/strapdown inertial guidance study for advanced kick stage application. Survey of state-of-the-art electro-optical sensors, volume 1	1966
19700075117	Biostatistics of space exploration - Microbiology and sterilization	1966
19700075700	S-IVB/Saturn V Aft Skirt Structural Test Plan	1966
19700075714	Project Apollo - AS-201 analysis of command and service module stability during the second burn start transient	1966
19700075743	Project Apollo - Handheld LEM optical rangefinders for LEM-CSM lunar rendezvous	1966
19700075755	Advanced electrometer vacuum tubes Final report, 6 May 1963 - 6 Jun. 1966	1966
19700076038	AS-202 spacecraft 011 - Propulsion performance evaluation	1966
19700076066	The Acoustic Environment Due to Separated Flow and Oscillating Shocks	1966
19700076070	Air tank assembly vibration tests	1966
19700076071	PERT and Cost Correlation Technique /PACCT/	1966
19700076073	Apollo crew performance reliability analysis	1966
19700076076	Specification procedure for coating, conformal /polyurethane/, printed circuit assemblies	1966
19700076087	Saturn S-IVB-206 stage acceptance firing test plan	1966
19700076089	Saturn S-4B/5 auxiliary propulsion system	1966
19700076090	Apollo spacecraft parametric deorbit data for near earth orbits	1966
19700076097	Saturn S-2 stage Monthly progress report, Sep. 1966	1966
19700076100	Saturn S-2 stage Monthly progress report, Aug. 1966	1966
19700076170	Propulsive fuel vent bellows, SCN 1A87152-1, formal qualification test Test report, 9 Dec. 1965 - 11 Apr. 1966	1966
19700076174	Analysis of current LEM powered-descent trajectories	1966
19700076178	The acoustic wind measurement - A six month summary	1966
19700076187	Qualification test for transducer, pressure, low absolute P/N 1B38508-1	1966
19700076192	Polyvinyl chloride qualification test program development and results	1966
19700076202	Hydraulic system temperature control thermal switches /U-37A/, addendum Qualification test report, 20 Apr. - 18 Aug. 1966	1966
19700076203	Economic impact study - Apollo program	1966
19700076219	DS-2728 model specification Saturn S-4B-D stage	1966
19700076220	Saturn S-4B-502 stage acceptance firing report	1966
19700076221	Guidelines for evaluation of supplier inspection plan	1966
19700076223	Saturn S-4B-206 stage acceptance firing report	1966
19700076233	Structural design qualification test of the aft interstage assembly. General test plan item no. A-23. Model no. Saturn 1B/S-4B	1966
19700076235	S-4B206 stage flight test plan	1966
19700076250	Apollo/Saturn 5 facility description. Volume 2 - Launch complex 39 facility description	1966
19700076262	General purpose relays, P/N 1A67747-1 qualification test	1966
19700076274	The design and testing of a three-man couch platform for possible use in the Apollo command module	1966
19700076286	Effect of LEM landing radar errors and sloping terrain on phase 2 flight of the LEM powered descent	1966
19700076299	A new algorithm for calculating the generalized inverse of an arbitrary real n x m matrix	1966
19700076300	Evaluation of frothing characteristics of aerzine-50 and monomethylhydrazine	1966
19700076381	S-4B and S-4B/5 common battleship report	1966
19700076410	Study of propellant valve leakage in a vacuum Final report, 7 Jun. 1965 - 15 Aug. 1966	1966
19700076415	Development of cost estimating techniques and relationships for unmanned space exploration missions	1966
19700076417	Electromagnetic interference evaluation of S-4B telemetry ground support equipment - General test plan item no's. AA-21, Z-4, Z-5, AA-9, AA-23, AA-16A, AA-73	1966
19700076437	Block 2 command and service module S-band omni antenna patterns	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700076443	Saturn S-4B-207 stage acceptance firing test plan	1966
19700076447	Environmental test evaluation of ten types of modified Apollo standard initiators	1966
19700076453	Saturn S-4B-204 stage acceptance firing test plan	1966
19700076459	Apollo program directive no. 7	1966
19700076470	Preparation of supplier inspection plan. Program Apollo	1966
19700076480	A study of the effect of CSM state uncertainties on determining LEM state for rendezvous	1966
19700076482	Index and format for calibration procedures	1966
19700076488	Saturn S-4B-205 stage acceptance firing test plan, revised	1966
19700076491	A preliminary evaluation of Apollo capabilities for lunar orbit coverage and lunar surface landings utilizing multiple- impulse techniques for transearth injection	1966
19700076513	Band structure and bonding in titanium carbide	1966
19700076517	Data reduction for Apollo 201 flight Internal technical note	1966
19700076518	Narrative end item report on Saturn S-4B - 501 /DAC S/N 1005/	1966
19700076520	Hydrogen embrittlement tests of pressurized cylindrical and tensile specimens including conventional tensile tests on ASTM A-302-B, nickel modified	1966
19700076523	LH2 orbital coast vent initiation pressure switch /S/N 105/ vibration and shock tests	1966
19700076526	An error analysis of onboard primary navigation systems for the lunar excursion module	1966
19700076533	Sound pressure level transducers vibration and shock tests	1966
19700076541	Saturn S-4B-202 stage flight evaluation report	1966
19700076569	Qualification tests of the hydraulic actuator assemblies, Douglas SCN's 1A66248-503 and -505. General test plan item no. M-4. Model no. Saturn S-4B	1966
19700076588	Saturn S-4B-207 stage acceptance firing report	1966
19700076606	Saturn S-4B stage weight control status report, model no. DSV-4B Summary report, Jul. 1964 - Jul. 1966	1966
19700076617	AS-201 spacecraft 009 propulsion performance evaluation	1966
19700076661	Program of research on the management of research and development. An analysis of selected strategies of organizing R and D in developing countries with reference to policy and planning techniques, international relations manpower and training, and information requirements	1966
19700076663	Program of research on the management of research and development. Some models of organizational interfaces in the R and D process	1966
19700076665	Program of research on the management of research and development. People, models and R and D organizations	1966
19700076674	Some preliminary experiments and a model of information-seeking style of researchers, third session	1966
19700076677	Program of Research on the Management of Research and Development. Management Science in University Operation	1966
19700076833	Design analysis for the malfunction detection system Saturn S-4B-501 stage	1966
19700077009	The distribution of total carbon content in enstatite chondrites	1966
19700077010	Perimetric coordinates for four particles	1966
19700077243	Horizon definition study - Computer program for synthesis of 15 microns infrared horizon radiance profiles	1966
19700077529	Purification and properties of chicken heart mitochondrial and supernatant malic dehydrogenases	1966
19700078053	Study of stabilization, guidance and control design criteria definition. Item ic - Guidance and control system mechanizations and tradeoffs	1966
19700078138	Apollo reliability and quality assurance program plan - Apollo program	1966
19700078165	Study of inter-facial conductivity Final report	1966
19700078183	Spectrophotometric studies of gaseous nebulae. 7. The Ring planetary NGC 7662	1966
19700078193	Probability of biological contamination of Mars Final report	1966
19700078228	A wind tunnel study of sonic boom characteristics for basic and modified models of a supersonic transport configuration	1966
19700078295	Changes in adrenal corticosterone concentration in rats - Method of bio-assay for ACTH	1966
19700078318	The 260-inch-diameter motor feasibility demonstration program Final summary report	1966
19700078325	Statement of work handbook	1966
19700078382	Water consumption by man in a warm environment - A statistical analysis	1966
19700078383	Pituitary arylamidases and peptidases	1966
19700078384	Adrenocorticotrophin-releasing hormone in peripheral blood - Increase during stress	1966
19700078389	Exposure system for small animals at atmospheric and reduced pressures	1966
19700078390	Effects of hypohydration on work performance and tolerance to positive Gz acceleration in man	1966
19700078391	Serum glucose and free fatty acids in man during prolonged exercise	1966
19700078393	Gastric pathologic and biochemical changes induced by starvation of weanling rats	1966
19700078394	Effects of continuous exposure of rats to 100 per cent oxygen at 450 mm. Hg for 64 days	1966
19700078395	Effects of prolonged exposures of rats to increased oxygen pressures	1966
19700078396	Properties of dipeptidyl arylamidase I of the pituitary Chloride and sulfhydryl activation of seryltyrosyl-beta-naphthylamide hydrolysis	1966
19700078683	Stability and control, hinge-moment, and pressure-coefficient data for the HL-10 manned lifting entry vehicle at Mach numbers from 1.41 to 2.16	1966
19700078696	Effects of various canopies on the aerodynamic characteristics of a manned lifting entry vehicle at Mach 0.06 to 6.8	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700078739	Transonic aerodynamic characteristics of a manned lifting entry vehicle with and without tip fins	1966
19700078743	Subsonic longitudinal control characteristics of several elevon configurations for a manned lifting entry vehicle	1966
19700079030	The effect of signal intensity on comparative judgments of auditory durations	1966
19700079281	Section 9 - NHB 5300.1. Apollo nonconforming material control	1966
19700079317	Static wind-tunnel investigation and motion studies of the M2-F2 vehicle launched from a preliminary location on the B-52 airplane	1966
19700079320	Stability and control characteristics of a manned lifting entry vehicle at Mach numbers from 1.50 to 2.16 including hinge moment and pressure distribution data	1966
19700079337	An average charge detector for mass spectrometers	1966
19700079866	Dynamic behavior of metals under tensile impact. Part 2 - Annealed and cold worked materials Interim report, 1 Mar. 1967 - 15 Mar. 1969	1966
19700083098	Apollo-Saturn emergency detection system description /AS-500 series vehicles/	1966
19700086035	Evaluation of multifrequency blower motors for AN/USM-140	1966
19700086275	Apollo applications program - Photovoltaic electrical power system Final report	1966
19700086548	Guide to the operational interpretation and application of meteorological satellite data for the Army. Volume 2 - Data acquisition and geographical location Final report, May 1965 - Jun. 1966	1966
19700088705	Phase 2 vibration test on S-1B instrument unit	1966
19700088711	AS-201 - Technical information summary	1966
19700088738	Liquid hydrogen suction line insulation research and development	1966
19700088744	Astrogeological studies of lunar landing areas Technical report	1966
19700088776	A study to evaluate various orbital heating computer programs	1966
19700088780	Cape Kennedy wind component statistics, 0 to 60 km altitude, for all flight azimuths for monthly and annual reference periods	1966
19700088796	Optimal control system to minimize the integral of bending moment squared with a terminal state weighting condition	1966
19700088895	Operation and test results of AN/AMH-3/XAN-1/ microwave refractometer	1966
19700088938	Operation and service manual for UHF EFC test bench 52E190002	1966
19700088972	Construction differences between 2N2222 and 2N2222A transistors manufactured by Texas Instruments	1966
19700088989	Flexible hose, 1-inch ID by 14 feet 10 inches long, Titeflex, Incorporated, p/n s21916-17800	1966
19700089045	Analysis of the exhaust plume interactions of the Saturn S2 stage	1966
19700089112	Results of the First Saturn 1B Launch Vehicle Test Flight	1966
19700089161	Comparison of heat transfer analysis methods Final technical report	1966
19700089164	Simplified transient computer subroutines for Apollo block 1 and block 2 environmental control system radiators	1966
19700089165	Redesign of the Apollo environmental control system radiator Interim report	1966
19700089166	Design study of a minimum complexity digital computer for automatic lunar surface navigation Final report	1966
19700089273	The double-driver shock tube technique for producing a blast wave in supersonic flow	1966
19700089282	Conformal/planar array sonar development program. Data conversion system description	1966
19700089302	Conformal/planar array sonar development program for July 1966	1966
19700089322	The fabrication of iridium and iridium-alloy coatings on graphite by plasma-arc deposition and gas-pressure bonding Quarterly progress report, 10 Jul. - 10 Oct. 1966	1966
19700089344	Radial and structural characteristics of rocket engine exhaust plumes	1966
19700089377	Conformal/planar array sonar system. System analysis and integration closure report /U/	1966
19700089381	Conformal/planar array sonar system, phase 2 /U/ Monthly progress report, 1-31 Dec. 1966	1966
19700089393	Conformal/planar array sonar system. Book 1 - Active signal processing closure report /U/	1966
19700089394	Conformal/planar array sonar system. Book 4 - Active signal processing closure report /U/	1966
19700089396	Conformal/planar array sonar system. Phase 2. Transmit beamformer reliability and maintainability studies /first reliability model/ /U/	1966
19700089397	Conformal/planar array sonar system. Active signal classification closure report /U/ Final report	1966
19700089398	Conformal/planar array sonar system. Ship stabilization and motion characteristics /U/	1966
19700089399	Conformal/planar array sonar system. Passive subsystem closure report /U/	1966
19700089400	Conformal/planar array sonar system. Study of clipped-signal digital beamformer simulation /U/	1966
19700089401	Conformal/planar array sonar system. Preliminary data on receive beamformer design /U/	1966
19700089402	Conformal/planar array sonar system phase 2. Summary of transmit beamformer studies and design /U/ Technical memorandum, 15 Jan. - 1 Jul. 1966	1966
19700089403	Conformal/planar array sonar system phase 2. Transmit beamformer scanning studies /U/	1966
19700089406	Conformal/planar array sonar system - Transducer vibration sensitivity and isolation characteristics /U/	1966
19700089412	Conformal/planar array sonar project - Conformal/planar array sonar system signal processing-001 /U/	1966
19700089413	Conformal/planar array project - Application of non-Newtonian fluids to conformal/planar array sonar system /U/	1966
19700089414	Conformal/planar array sonar project. Data processing - Active data handling processor requirements for the new baseline system /U/	1966
19700089416	Conformal/planar array sonar project. Part 2 - Technical progress report /U/ Monthly status report, 22 Aug. - 25 Sep. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089422	Conformal/planar array sonar project. Conformal/planar array configuration studies /U/	1966
19700089423	Conformal/planar array sonar project. Computer system synthesis and implementation study /U/	1966
19700089424	Conformal/planar array sonar project. C/PAS data handling implementation synthesis studies /U/	1966
19700089434	Conformal/planar array sonar development program /U/ Technical progress report, Sep. 1966	1966
19700089439	Sonar performance /U/	1966
19700089440	Preliminary C/P sonar-checking requirements study /U/	1966
19700089441	System performance calculations for a 100 percent operable conformal/planar array sonar /U/	1966
19700089442	Results of Primag evaluation /U/	1966
19700089446	Upper stage feasibility - Phase 1A report on Mach 3 - /HTOHL/ space launch concept /U/ Technical report, Jan. - Jun. 1966	1966
19700089448	[No Title]	1966
19700089449	Supersonic delivery of dry biological agents - Volume 1 /U/ Final report, 19 Jun. 1964 - 18 Jun. 1965	1966
19700089450	[No Title]	1966
19700089452	[No Title]	1966
19700089453	Accuracy analysis of the reentry body attitude measurements from the RMV platform on Mission KX-30 /U/	1966
19700089454	The current status of pellet technology and its effect upon vulnerability analysis /U/	1966
19700089475	Conformal/planar array sonar project. Experimental ship signal processor considerations	1966
19700089487	Study of a sonar cross-correlator using optical signal processing techniques Final report	1966
19700089550	The specification of colour sensitometric parameters in colour film telerecording	1966
19700089551	Lunar Surface Visibility	1966
19700089553	Restart Capability Study Apollo Service Propulsion System Engine Program Plan	1966
19700089624	Results of the Third Saturn 1B Launch Vehicle Test Flight AS-202, Volume 2 /U/	1966
19700089625	Investigation of supersonic delivery of biological agents /U/ Final report, 29 Jun. 1964 - 29 Sep. 1965	1966
19700089626	Trap reentry data report for WSMR test no. Athena 046 /U/	1966
19700089627	Scope and Status of Powered R/V Study /U/	1966
19700089628	[No Title]	1966
19700089629	Autonomous automatic electro-optical orbital navigation investigation. Volume 1 - Summary /U/ Final technical report, Jun. 1965 - Jul. 1966	1966
19700089630	Autonomous automatic electro-optical orbital navigation investigation. Volume 2 - Technical discussion /U/	1966
19700089631	Autonomous automatic electro-optical orbital navigation investigation. Volume 3 - Performance specifications /U/	1966
19700089632	M-code study program phase 2 /U/ Final report	1966
19700089669	Conformal/planar array sonar system. Book 2 - Active signal processing closure report	1966
19700089670	A stretch computer program to simulate the equations of motion for a body with mass asymmetry	1966
19700089681	Investigation of thermal embrittlement in 18 Ni/250/ maraging steel Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19700089707	Investigation of thermal embrittlement in 18Ni/250/ maraging steel Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19700089711	Potential of damage-limiting systems /an application of some recent passive defense concepts to an active-passive defense model/	1966
19700089733	Airborne visual reconnaissance in South Vietnam /U/	1966
19700089747	Minuteman flight test report /U/	1966
19700089748	Minuteman flight test report /U/	1966
19700089783	Wave and diagnostic studies of plasmas Quarterly report, 1 Aug. - 31 Oct. 1966	1966
19700089831	A comparison of the performance of several signal processors	1966
19700089880	Apollo Extension Systems-lunar Excursion Module. Volume 2 - Mission Description Summary. Part 1 - Flight 507. Payload Integration, Addendum to Phase B Final Report	1966
19700089881	Apollo Extension Systems-lunar Excursion Module. Volume 2 - Mission Description Summary. Part 2 - Flight 509. Payload Integration, Addendum to Phase B Final Report	1966
19700089882	Apollo Extension Systems-lunar Excursion Module. Volume 2 - Mission Description Summary. Part 3 - Flight 511. Payload Integration, Addendum to Phase B Final Report	1966
19700089883	Apollo Extension Systems-lunar Excursion Module. Volume 2 - Mission Description Summary. Part 4 - Flight 214. Payload Integration, Addendum to Phase B Final Report	1966
19700089884	Apollo Extension Systems-lunar Excursion Module. Volume 2 - Mission Description Summary. Part 5 - Flight 216. Payload Integration, Addendum to Phase B Final Report	1966
19700089885	Apollo extension systems-lunar excursion module. Volume 4 - Engineering studies/experiment definitions. Part 3 - Flight 214. Payload integration, addendum to phase B Final report	1966
19700089886	Apollo Extension Systems-lunar Excursion Module. Volume 4 - Engineering Studies/experiment Definitions. Part 4 - Flight 216. Payload Integration, Addendum to Phase B Final Report	1966
19700089887	Apollo extension systems-lunar excursion module. Volume 5B - Engineering studies/vehicle design integration. Payload integration, addendum to phase B Final report	1966
19700089888	Apollo Extension Systems-lunar Excursion Module. Volume 5A - Engineering Studies/vehicle Design Integration. Payload Integration, Addendum to Phase B Final Report	1966
19700089956	History - Project First, F-1 combustion stability program, volume 4, book 1 /U/	1966
19700089959	RVIP/LORV data analysis, optical measurements /U/ Final report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089970	UHF automatic radio relay pod /U/ Final report, 16 Aug. - 23 Oct. 1966	1966
19700089971	Minuteman flight test report /U/	1966
19700089983	ASSET ASV-3 Flight Test Report /U/	1966
19700089989	The R and T notes /U/	1966
19700089994	Contemporary quality assurance practices for silicon integrated circuits	1966
19700090002	Temperature - Time history of thermal ablation model subjected to heating experienced at McGregor, Texas, tests of the S-4B ullage motor	1966
19700090019	Design and development of water boiler and controls for Saturn 1B and Saturn 5 instrument unit thermal conditioning system Final summary report	1966
19700090154	Summary of literature survey results - Use of solar radiation pressure as a means of spacecraft stabilization	1966
19700090182	XM16 thermal battery /U/ Summary report	1966
19700090350	Plan of test for engineer design test of mobility test articles, block 1 of lunar surface vehicle studies /hard surface phase/	1966
19700090384	Structural dynamics characteristics document Interim report	1966
19700090396	NERVA program - Summary report CY 1966, period ending 30 September 1966	1966
19700090410	Man-system locomotion and display criteria for extra-terrestrial vehicles. Volume 2 - Detailed technical report Final report	1966
19700090420	The Proceedings of the NASA Symposium on the Effects of Confinement on Long Duration Manned Space Flights	1966
19700090442	Qualification testing of flight control computer	1966
19700090537	Engineering Design Test of Mobility Test Articles (MTA's) - Block 1 Test Plan	1966
19700090550	Manned Flying System Landing Gear Study Final Report	1966
19700090577	Autonomous automatic electro-optical orbital navigation investigation. Volume 4 - Exploratory development plan /U/ Final technical report, Jun. 1965 - Jul. 1966	1966
19700090578	Application of advanced fibrous reinforced composite materials to airframe structures. Volume 1 - Program studies /U/ Final report, Oct. 1965 - May 1966	1966
19700090579	Hypersonic Aircraft. Briefing Summary /U/	1966
19700090608	Effects on crew safety, addendum 4 /U/ Final report	1966
19700090619	Mars probe studies Final oral presentation	1966
19700090667	Study of Antenna System for ATS-4 Final Report	1966
19700090678	Supplementary qualification test of six 2412489 electron tubes	1966
19700090679	Qualification test of six 2412489 electron tubes	1966
19700090745	Initial qualification test of six 2412486 electron tubes	1966
19700090772	Qualification test of six 2163604 relief valves	1966
19700090826	High Energy Propellant Technology	1966
19700090827	Apollo LPG Studies, RL10 Status, High Pressure Engine Status /U/	1966
19700090852	Study of navigation and guidance of launch vehicles having cruise capability, phase 1 Interim study, 10 Jun. - 10 Oct. 1966	1966
19700090892	Requalification of filter, radio interference	1966
19700090893	Requalification of filter, radio interference	1966
19700090894	Properties of photodetectors	1966
19700090960	Preliminary post-dryout data for vertically upward steam-water annular flow	1966
19700090971	Submarine geomorphology of eastern Ross Sea and Sulzberger Bay, Antarctica Technical report	1966
19700090996	Sediments of the northern Arabian Sea Final technical report, 26 Feb. - 31 Mar. 1961	1966
19700091136	Materials for potassium lubricated journal bearings Status report, 22 Aug. - 22 Sep. 1966	1966
19700091137	Materials for potassium lubricated journal bearings Status report, 22 Feb. - 22 Mar. 1966	1966
19700091138	Materials for potassium lubricated journal bearings Status report, 22 Jan. - 22 Feb. 1966	1966
19700091139	Materials for potassium lubricated journal bearings Status report, 22 Apr. - 22 May 1966	1966
19700091140	Materials for potassium lubricated journal bearings Status report, 22 May - 22 Jun. 1966	1966
19700091141	Materials for potassium lubricated journal bearings Status report, 22 Jul. - 22 Aug. 1966	1966
19700091161	User's manual for the THTD computer program Transient Heat Transfer - Version D	1966
19700091185	Tactics and Techniques Bulletin. Photo documentation and the KA-71 /U/	1966
19700091186	Minuteman flight test report /U/	1966
19700091188	DOD secondary payload space catalog /U/	1966
19700091189	Accuracy analysis of the reentry body attitude measurements from the RMV platform on mission KX-40 /U/	1966
19700091190	Hypersonic aircraft /U/ Briefing summary report	1966
19700091192	Comprehensive list of microwave tubes, supplement /U/	1966
19700091193	Hydrocarbon scramjet feasibility program /U/ Quarterly progress report	1966
19700091225	Sediments and reef corals of Cayo Arenas, Compeche Bank, Yucatan, Mexico Technical report	1966
19700091255	Sensitivity studies of acoustic arrays Technical report	1966
19700091275	Sterer Engineering and manufacturing Company double solenoid valve part no. 26370-2	1966
19700091278	Parker Aircraft Corporation 1/4-inch solenoid valve P/N 1354643056, 6000 psig	1966
19700091320	Study of the fabrication of very high density uranium dioxide modules, regular coarse fraction for vipac fuel	1966
19700091321	Fabrication, without binders, of dense UO2 nodules by automatic pelletizing press	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091323	A fog cooled heavy water moderated reactor development program - CIRENE-2 Final report, 1 Apr. - 31 Dec. 1964	1966
19700091340	The rescue method for resonance escape probability calculations in D2O lattices	1966
19700091351	BRANCALEONE - A digital code for root loci determination	1966
19700091353	Futurecraft Corporation 3/8 inch solenoid valve P/N 201K6A-B-1, 6000 psig	1966
19700091403	The development of thermionic heat pipe space power technology Monthly status report, 1-30 Nov. 1966	1966
19700091413	Variability of Sound Propagation Prediction Due to Atmospheric Variability Mid-contract Report	1966
19700091425	BLM-143 Ku beacon magnetron production engineering measure, volume 1, sections 1 and 3 Final report, Apr. 1966 - Jun. 1969	1966
19700091471	Qualification testing of exit gas thermocouples /NE 2450/, addendum 1 /U/	1966
19700091654	Development of improved methods of depositing iridium coatings on graphite Progress report, 16 Aug. - 15 Nov. 1966	1966
19700091658	Development of improved methods of depositing iridium coatings on graphite	1966
19700091709	Evaluation of Acoustic Data from Reports of Large Solid Propellant Rocket Engines	1966
19700091735	Transpiration cooling with hydrazine	1966
19700091753	Apollo Reliability and Quality Assurance Program /U/ Quarterly Status Report	1966
19700091766	CX-6 V/STOL assault transport support system evaluation report, supplement 1 /U/	1966
19700091828	Comparison test program on resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19700091941	Application of EAM and EDP procedures to MCC-H facilities scheduling	1966
19700092069	Comparison test program on resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19700092082	The development of thermionic-isotope space power technology /U/ Monthly status report, May 1966	1966
19700092087	The Development of Thermionic-Isotope Space Power Technology	1966
19700092088	The Development of Thermionic-isotope Space Power Technology /U/ Monthly Status Report, Jan. 1966	1966
19700092089	The Development of Thermionic-isotope Space Power Technology	1966
19700092106	Comparison test program on resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19700092126	Force transmission ratios of an axially excited pipe-within-a-pipe structure Final report	1966
19700092153	A Description of a 1000 Foot-Pound-Second Double Gimbal Control Moment Gyro	1966
19700092171	Description of control moment gyro	1966
19700092172	The derivation of the equations of motion of the single degree of freedom gyro	1966
19700092173	The equations of motion of a control moment gyro	1966
19700092174	The equations of motion of a gear train	1966
19700092175	A preliminary design of the control moment gyro servo loops	1966
19700092176	Alternative methods of developing the moment equations for a three unit double control moment gyro configuration	1966
19700092177	Description of the operation of various modes of gimbal control of the Control Moment Gyroscope /CMG/	1966
19700092178	The control law for a configuration of two DCMG's and two SCMG's used to generate vehicle reaction moments	1966
19700092179	A mathematical model of the ATM attitude control system for the Langley three DCMG configuration	1966
19700092202	Space flight hardware - Accident experience report	1966
19700092204	Fuel cell technology - Program plan	1966
19700092245	ATM presentation	1966
19700092258	RCA space power systems presentation	1966
19700092270	Allis-Chalmers fuel cell power system, presentation	1966
19700092272	Fuel cell test and evaluation program, March - September 1966	1966
19700092273	Fuel cell systems reliability assessment - Technical plan	1966
19700092278	Allis-Chalmers fuel cell power system description	1966
19700092284	Research and development on fuel cell systems, supplementary information	1966
19700092315	Analysis of axisymmetric solids by the direct stiffness method Final report	1966
19700092317	Evaluations of refractory/austenitic bimetal combinations Monthly letter report, 23 Jun. - 22 Jul. 1966	1966
19700092319	Evaluation of refractory/austenitic bimetal combinations Monthly letter report, 23 Mar. - 22 Apr. 1966	1966
19700092335	Optical system alignment experiment Final report	1966
19700092342	A study of IR detector materials Semiannual report	1966
19700092349	Evaluation of refractory/austenitic bimetal combinations Monthly letter report, 23 Apr. - 22 May 1966	1966
19700092354	Evaluation of refractory/austenitic bimetal combinations Monthly letter report, 23 Aug. - 22 Sep. 1966	1966
19700092357	Evaluation of refractory/austenitic bimetal combinations Monthly letter report, 23 Feb. - 22 Mar. 1966	1966
19700092372	Comparison test program on resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19700092401	Infrared laser materials and efficiency studies Phase 1 final report, 15 Nov. 1965 - 15 May 1966	1966
19700092418	Chromium base alloys Final report	1966
19700092465	General Precision, Incorporated. Vertical sensing elements part no. C701809000	1966
19700092473	Norbatrol Electronics Company linear power controller part number 102 D581	1966
19700092497	Rosemount Engineering Company resistance bulb assembly, manufacturer's part no. 176FK34	1966
19700092534	Hastings-Raydist, Incorporated, vacuum sensing element model DV-36, vacuum gauge indicator model VT-6X	1966
19700092539	The Foxboro Company absolute pressure transmitter, model no. 611AH-AS2	1966
19700092593	Symmetric loading of a wing in a wide slipstream	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092760	A study of the explosion limits of simple difluoramino compounds /U/ Semiannual progress report, 1 Feb. - 31 Jul. 1966	1966
19700092761	Large hydrogen-oxygen injector test program /U/ Monthly technical progress report, 1-31 Aug. 1966	1966
19700092762	Development of a 1500000-lb-thrust /nominal vacuum/ liquid hydrogen/liquid oxygen engine /U/ Quarterly technical progress report, 1 Apr. - 30 Jun. 1966	1966
19700092763	Development of a 1500000-lb-thrust /nominal vacuum/ liquid hydrogen/liquid oxygen engine /U/ Quarterly technical progress report, 1 Jan. - 31 Mar. 1966	1966
19700092820	Comparison test program on resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19700092822	Comparison test program on resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19700092827	Comparison test program on resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19700092828	Comparison test program on resistors, fixed, metal film, precision, molded or dipped, 1/4 watt	1966
19700092861	Mass data storage system Interim development report no. 2, 1 Sep. - 31 Oct. 1966	1966
19700093212	Precision fixed metal film resistor /types RNR70C49R9FM and RNR70C1004FM/	1966
19700093222	Precision fixed film resistors, types RNR55H49R9FM and RNR55H1003FM	1966
19700093317	Resistors 1/10 watt /RNR55C49R9FM and RNR55C1003FM/	1966
19700093361	The development of thermionic isotope space power technology /U/ Monthly status report, Feb. 1966	1966
19700093511	Briefing - Space rescue	1966
19700093531	A technique for predicting rocket exhaust impingement pressures on a flat plate	1966
19700093593	Fatigue test of C-123 NLG 9.50-16 shot peened wheel	1966
19700093609	B-52 MLG magnesium /56 by 16/ wheel roll	1966
19700093614	C-121 /17.00-20/ aluminum main wheel roll	1966
19700093620	Fatigue life determination for T-38 standard magnesium wheels	1966
19700093800	Advanced Meteoroid Detection Spacecraft Study	1966
19700093843	Quantitative reliability analysis through mathematical simulation of mission and systems	1966
19700093845	A model for assessing spare parts requirement	1966
19700093858	Guide to the operational interpretation and application of meteorological satellite data for the Army. Volume 1 - Meteorological interpretation Final report, May 1965 - Jun. 1966	1966
19700093900	Nimbus amplifron amplifier program Final report	1966
19700093901	Satellite Infrared Spectrometer, SIRS A /SIRS 3/ Progress report, 1 Sep. - 30 Sep. 1966	1966
19700093912	A High Data Rate Storage System /HDRSS/ Monthly progress report, 1-31 Jul. 1966	1966
19700093914	Monthly progress report, 1 April - 1 May 1966	1966
19700093915	Component burn-in report for Nimbus B Medium Range Infrared Radiometer /MRIR/ digital electronics telemetry unit	1966
19700093917	Nimbus meteorological satellite - Stabilization and control subsystem. Phase 1 - Prototype and flight Monthly progress reports	1966
19700093920	Satellite infrared spectrometer, SIRS A /SIRS 3/ Progress report, 1-31 Oct. 1966	1966
19700093921	A High Data Rate Storage System /HDRSS/ Monthly progress report, 1-30 Sep. 1966	1966
19700093931	Nimbus meteorological satellite - Stabilization and control subsystem. Phase 1 - Prototype and flight Monthly progress reports	1966
19700093934	High data rate storage system, phase 3 Monthly progress report	1966
19700093939	Solar-conversion power supply subsystem for NIMBUS satellite Final technical report	1966
19700093941	High data rate storage system, phase 3 Monthly progress report, Dec. 1966	1966
19700093942	High data rate storage system, phase 3 Monthly progress report, Oct 1966	1966
19700093946	Nimbus meteorological satellite - Stabilization and control subsystem. Phase 1 - Prototype and flight Monthly reports	1966
19700093957	Monthly progress report, 1 November - 1 December 1966	1966
19700093959	Monthly progress report, 1 July - 1 August 1966	1966
19700093960	Nimbus B PCM parts list and derating philosophy	1966
19700093973	Nimbus meteorological satellite, stabilization and control subsystem, phase 1 prototype and flight Monthly progress reports	1966
19700093977	Monthly progress report, 1 September - 1 October 1966	1966
19700093978	Monthly progress report, 1 June - 1 July 1966	1966
19700093980	Nimbus meteorological satellite. Stabilization and control subsystem Monthly progress report	1966
19700093982	A High Data Rate Storage System /HDRSS/ Monthly progress report, 6 Jun. - 30 Jun. 1966	1966
19700093990	Monthly progress report, 1 August - 1 September 1966	1966
19700093993	A High Data Rate Storage System /HDRSS/ Monthly progress report, 1-31 Oct. 1966	1966
19700093995	Monthly progress report, 1 October - 1 November 1966	1966
19700093996	Nimbus meteorological satellite - Stabilization and control subsystem. Phase 1 - Prototype and flight Monthly progress reports	1966
19700093999	Nimbus meteorological satellite - Stabilization and control subsystem. Phase 1 - Prototype and flight Monthly progress reports	1966
19700094000	High data rate storage system, phase 3 Monthly progress report, 1-30 Nov. 1966	1966
19700094001	Nimbus meteorological satellite - Stabilization and control subsystem. Phase 1 - Prototype and flight Monthly progress reports	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094004	Mechanical alignment phase of Scanning Celestial Attitude Determination System /SCADS/ Quarterly report, 1 Jan. - 31 Mar. 1966	1966
19700094012	Subsystem integration manual for two Nimbus B redundant command clocks and an interface box	1966
19700094013	Analysis of the performance and reliability of the Nimbus B High Resolution Infrared Radiometer /HRIR/	1966
19700094015	Nimbus meteorological satellite - Stabilization and control subsystem. Phase 1 prototype and flight Monthly progress reports	1966
19700094016	A High Data Rate Storage System /HDRSS/ Monthly progress report, 1-30 Nov. 1966	1966
19700094018	Nimbus A and C projects Final project report, Apr. 1962 - Sep. 1966	1966
19700094030	Nimbus meteorological satellite - Stabilization and control subsystem. Phase 1 - Prototype and flight Monthly progress reports	1966
19700094035	Instruction manual for the Automatic Picture Transmission Subsystem /APTS/ satellite equipment flight model F6	1966
19700094047	Breadboard phase of the APT camera/tape recorder study Final report, Jun. 1964 - Sep. 1965	1966
19700094069	Proposed addendum to quality assurance program plan for the Nimbus B PCM telemetry subsystem	1966
19700094072	J-2 rocket engine Supplement technical manual	1966
19700094080	High resolution night time cloud-cover radiometer Quarterly report, 1 Jul. - 1 Oct. 1965	1966
19700094088	Nimbus A and C projects Final project report, May 1963 - Jun. 1966	1966
19700094092	The scientific basis for Nimbus B experiments	1966
19700094115	Quality program plan for High Data Rate Storage Subsystem /HDRSS/	1966
19700094125	High data rate storage system. Phase 3 - Engineering model effort Monthly progress report	1966
19700094130	Stabilization and control subsystem, Nimbus meteorological satellite, phase 1 prototype, flight Monthly progress report, Jan. 1966	1966
19700094131	Third ground acquisition and control station and medium capacity memory study Final report Final	1966
19700094132	Project IRLS medium capacity memory study Final report	1966
19700094136	High data rate storage system, phase 3 Monthly progress report, 1-31 May 1966	1966
19700094145	NASA/ESSA WEFAX experiment, participant's guide	1966
19700094156	Saturn technical information handbook, volume 4	1966
19700094158	Saturn technical information handbook, volume 2	1966
19700094159	Saturn technical information handbook, volume 1	1966
19700094160	Monthly progress report, 7 February - 8 March 1966	1966
19700094161	Monthly progress report, 6 April - 6 May 1966	1966
19700094167	Saturn technical information handbook, volume 3	1966
19700094169	Nimbus design study, volume 1, addendum Final report	1966
19700094179	High data rate storage system, phase 3 Monthly progress report, 1-30 Sep. 1966	1966
19700094183	The twenty first monthly progress report	1966
19700094308	High data rate storage system, phase 3 Monthly progress report, 1-31 Jul. 1966	1966
19700094311	World distribution of soil, rock, and vegetation	1966
19700094357	Analytical study of bomblet rotation motions /U/ Final summary report, 1 Jul. 1963 - 30 Jun. 1966	1966
19700094426	Mission Control Center, Houston Quarterly progress report, 1 Jan. - 31 Mar 1966	1966
19700094434	Failure mode, effects and criticality analysis. Nimbus High Data Rate Storage System /HDRSS/ - Tape recorder, bi-phase repeater, multiplexer	1966
19700094445	Mission Control Center, Houston Quarterly progress report, 1 Jul. - 30 Sep. 1966	1966
19700094448	Design review data for the Nimbus B High Data Rate Storage System	1966
19700094469	Nimbus B bench test equipment instruction manual	1966
19700094470	Theoretical study of size scaling in cratering resulting from hypervelocity impact Monthly progress report, 26 Jan. - 25 Feb. 1966	1966
19700094475	Recommended reduction and analytical techniques for handling the SNAP-19 telemetered raw data	1966
19700094482	Satellite infrared spectrometer /SIRS 3/ - Project Nimbus Progress report, 1-28 Feb. 1966	1966
19700094483	Mission Control Center, Houston Quarterly progress report, 1 Apr. - 30 Jun. 1966	1966
19700094495	Updating of Nimbus C technical handbooks	1966
19700094497	Nimbus design study Final report	1966
19700094525	Satellite infrared spectrometer - SIRS A /SIRS 3/ PROGRESS report, 1 Nov. - 30 Nov. 1966	1966
19700094545	An analysis of gridding for the Nimbus B data system	1966
19700094565	A hybrid PCM telemetry system for the Nimbus B spacecraft	1966
19700094566	Failure mode and effects analysis for Nimbus solid state S-band transmitter	1966
19700094567	Integration and testing Materials report no. 9	1966
19700094568	Reliability prediction model for Nimbus solid state S-band transmitter	1966
19700094579	A Test Program to Investigate the Combustion of Magnesium Specimens Under Typical Nimbus B Early Reentry Conditions	1966
19700094580	Summary of Nimbus B magnesium combustion test efforts	1966
19700094582	The feasibility and implications of Nimbus B scale model thermal destructive testing	1966
19700094588	Satellite infrared spectrometer - SIRS A /SIRS 3/ Progress report 1-31 Dec. 1966	1966
19700094589	Thermal-vacuum tests Nimbus C flight 302, 27 January - 2 February 1966 and 17 February - 3 March 1966	1966
19700094604	Mission Control Center, Houston Quarterly progress report, 1 Oct. - 31 Dec. 1965	1966
19700094653	Engineering reliability program plan HDRSS follow-on	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094714	Range resolved Doppler frequency measurements of the Trailblazer zh reentry /U/	1966
19700094715	UHF radar pulse shape studies of the reentry of Trailblazer 2g /U/	1966
19700094716	Satellite infrared spectrometer, SIRS A /SIRS 3/ Project Nimbus progress report, Aug. 1966	1966
19700094717	General progress	1966
19700094718	New technology Final report	1966
19700094719	New technology disclosure, reportable item NT 2190-1-1	1966
19700094720	New technology disclosure, reportable item NT 2190-2-2	1966
19700094721	SIRS 3 - Analysis for peltier temperature controller	1966
19700094722	SIRS 3 - SOBS timing diagram	1966
19700094723	Satellite infrared spectrometer /SIRS 3/ Project Nimbus project report, Jun. 1966	1966
19700094724	General progress	1966
19700094725	Satellite infrared spectrometer /SIRS/ mechanical and optical components Progress report, Jun. 1966	1966
19700094726	Engineering stress analysis of the SIRS 3 beam baffles	1966
19700094727	SIRS Monthly progress report	1966
19700094728	Calibration adapter blackbody Design report	1966
19700094729	Further evaluation of connector pin radio frequency filter performance pertinent to the SIRS system	1966
19700094744	Satellite infrared spectrometer /SIRS 3/ Progress report, 1 Apr. - 30 Apr. 1966	1966
19700094745	General	1966
19700094746	Satellite infrared spectrometer /SIRS/ mechanical and optical components Progress report, 1 Apr. - 30 Apr. 1966	1966
19700094747	Lug and bolt stresses for SIPS and SCUM and angular momenta for chopper components	1966
19700094748	SIRS weekly progress report	1966
19700094749	SIRS monthly progress report number 8	1966
19700094750	SOBADS progress report number 7	1966
19700094751	Tests concerning radio frequency attenuation properties of optical port baffles designed for the SIRS system	1966
19700094752	Comments on General Electric Nimbus analysis and system integration report number 8235-619 concerning 'effect of vehicle configuration on S-band antennas	1966
19700094753	Resistor divider calculation for channel gain /SIRS 3/	1966
19700094754	Rotation of channel responsivity /SIRS 3/	1966
19700094760	Nimbus B telemetry subsystem expansion capability study	1966
19700094763	SIRS 3 reliability prediction	1966
19700094767	Interrogation, Recording and Location Subsystem /IRLS/	1966
19700094783	IRLS platform electronics and telemetry equipment	1966
19700094791	Project IRLS Quarterly report, 1 Jun. - 1 Sep. 1966	1966
19700094792	Interrogation, Recording and Location Subsystem /IRLS/ - Platform parts list	1966
19700094795	Satellite infrared spectrometer /SIRS 3/ Progress report, 1-31 Mar. 1966	1966
19700094796	Satellite infrared spectrometer /SIRS 3/	1966
19700094797	Satellite infrared spectrometer /SIRS/. Mechanical and optical components Monthly progress report, 1-31 Mar. 1966	1966
19700094798	Calculation of new diameter for inertia flywheel	1966
19700094799	Approximate determination of the inertia tensor for SIRS 3	1966
19700094800	SIRS weekly progress report	1966
19700094801	SIRS monthly progress report	1966
19700094821	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report	1966
19700094825	Interrogation, Recording and Location Subsystems /IRLS/	1966
19700094843	Interrogation, Recording, Location Subsystem /IRLS/ - Ground acquisition and command station parts list	1966
19700094844	Project IRLS Quarterly report, 1 Dec. 1965 - 1 Mar. 1966	1966
19700094851	UHF PCM/FM radio receiver and UHF PCM/FM radio transmitter. Volume 3 - IRLS satellite instruction manual	1966
19700094856	IRLS platform user specification	1966
19700094858	Nimbus integration and testing	1966
19700094862	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report	1966
19700094877	Investigation of the effect of shot peening on the fatigue strength of 2024-T851 used for F-111 wing skins	1966
19700094884	Satellite infrared spectrometer /SIRS 3/ - Project Nimbus Progress report, 1-31 May 1966	1966
19700094885	General	1966
19700094886	Satellite infrared spectrometer /SIRS/ mechanical and optical components Progress letter report no. 2, May 1966	1966
19700094887	Determination of the necessary curvature for the grating retainer to produce a force of 35 lbs. on the grating and the effect of this force on the grating Letter report no. 18	1966
19700094888	Engineering analysis on satellite infrared spectrometer Interim report	1966
19700094889	SIRS Monthly progress report	1966
19700094912	The UHF PCM/FM transceivers Final report, 13 May 1966	1966
19700094940	Nimbus B PCM telemetry subsystem interface manual	1966
19700094941	The 20th monthly progress report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094951	Project IRLS Quarterly report, 1 Sep. - 1 Dec. 1966	1966
19700094953	Project IRLS Quarterly report, 1 Mar. - 1 Jun. 1966	1966
19700094967	Nimbus B PCM telemetry subsystem reliability program plan	1966
19700094975	Interrogation, Recording, and Location Subsystem, UHF PCM/FM Radio Receiver and UHF PCM/FM Transmitter	1966
19700095123	Real time computer complex Monthly progress report no. 43	1966
19700095125	NASA-GSFC operations plan 9-66, Anchored Interplanetary Monitoring Platform /AIMP-D/	1966
19700095160	A high resolution vacuum spectrometer with golay coded grilles	1966
19700095169	USAF aircraft collisions with birds Summary report, 1 Jan. - 31 Dec. 1966	1966
19700095177	Real time computer complex Monthly progress report no. 46	1966
19700095186	Saturn 1B improvement study P-114B, phase 2	1966
19700095188	Interrogation, recording, and location subsystem - Satellite parts list	1966
19700095189	Satellite infrared spectrometer /SIRS 3/. Project Nimbus Progress report, 1-31 Jul. 1966	1966
19700095190	General - Testing of the prototype and assembly of the first flight model	1966
19700095191	Satellite infrared spectrometer /SIRS/ mechanical and optical components Final report	1966
19700095192	Operating instructions for low-temperature blackbody radiators /vacuum-type/	1966
19700095193	SIRS 3 - Temperature monitor circuit analysis	1966
19700095204	IRLS satellite electronics and telemetry equipment. Volume 1 - IRLS satellite instruction manual	1966
19700095207	IRLS memory system and memory tester. Volume 2 - IRLS satellite instruction manual	1966
19700095235	Relationships between resin fracture and composite properties	1966
19700095238	Real time computer complex Monthly progress report no. 40	1966
19700095246	Saturn 5 master test plan	1966
19700095247	Acceptance checkout equipment-spacecraft maintenance manual. Ground stations installed at Grumman Aircraft Engineering Corporation, Bethpage, Long Island, New York, volume 6	1966
19700095249	Interrogation, Recording, and Location Subsystem /IRLS/ Monthly report, Apr. 1966	1966
19700095253	Technical discussion log for Interrogation, Recording, and Location Subsystem /IRLS/	1966
19700095254	Technical discussion-log for Interrogation, Recording, and Location Subsystem /IRLS/, March 1966	1966
19700095303	Development of a space-storable bipropellant combination, part 2 /U/	1966
19700095396	Model D-30 recording thermometer	1966
19700095403	Model MK-5 deep sea probe	1966
19700095432	Graphite chemistry	1966
19700095474	Core liner plastics	1966
19700095487	Model 409001-AA sound velocimeter	1966
19700095639	LTA-8 measurement list, revision B	1966
19700095640	LTA-1 measurement list, revision C	1966
19700095700	Factors influencing the geographic distribution of NASA procurement awards	1966
19700095704	Ground support equipment planning and requirements and status list. Volume 2 - Vehicle listing, revision L	1966
19700095862	Model MET-1 quartz crystal thermometer	1966
19700095863	Model DY2801A /prototype/ crystal thermometer	1966
19700096178	Operational life extension Final study report	1966
19700096206	Theoretical study of the radiative emissivity of materials Monthly progress report, Mar. 1966	1966
19700096241	Model 1101g and 1720 pressure transducer	1966
19700096252	A study for design and implementation of a management information system for the Office of Advanced Research and Technology, 15 February - 15 June 1966	1966
19700096267	Gray Tool Company 3 inch XXS flexible joint assembly P/N 1-0335	1966
19700096268	Marotta Valve Corporation flo-fuse, model FVA-16, P/N 225724-1421	1966
19700096363	Multifont character-recognition experiments using trainable classifiers Final report	1966
19700096407	Techniques for the low-temperature X-ray studies of sensitive materials	1966
19710064701	Study of static inverters Final report	1966
19710064862	Effect of Elevon Deflection and of Model Components on Aerodynamic Characteristics of a Manned Lifting Entry Vehicle at Mach Numbers of 0.20 to 1.20	1966
19710064866	Investigation of Water Injection on Models of Gemini Vehicle and Resulting Predictions for GT-3 Reentry Communications Experiment	1966
19710064893	Control-surface Hinge-moment and Elevon Normal-force Characteristics at Transonic Speeds on a Manned Lifting Entry Vehicle	1966
19710064927	Experimental investigation of laminar heat-transfer characteristics of a manned lifting entry vehicle at a Mach number of 20	1966
19710064932	Summary aerodynamic characteristics of a VTO reusable launch vehicle from Mach 0.2 to 6.0	1966
19710064944	Effects of various center-fin and tip-fin arrangements on aerodynamic characteristics of a manned lifting entry vehicle from Mach numbers 1.50 to 2.86	1966
19710064955	Space programs summary no. 37-42, volume 2 for the period 1 September - 31 October 1966. The planetary-interplanetary program	1966
19710064956	Space programs summary no. 37-40, volume 2 for the period 1 May - 30 June 1966. The planetary-interplanetary program	1966
19710064958	Space programs summary no. 37-40, volume 1 for the period 1 May - 30 June 1966. The lunar program	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710064959	Space programs summary no. 37-41, volume 2 for the period 1 July - 31 August 1966. The planetary-interplanetary program	1966
19710064960	Space Programs Summary No. 37-42, Volume 1 for the Period 1 September - 31 October 1966. The Lunar Program	1966
19710065091	Standard procedures for the microbiological examination of space hardware	1966
19710065102	Flight capsule contamination probability from viable organism penetration of bio-barrier meteoroid holes	1966
19710065179	Performance and screech characteristics of a series of 2500-pound-thrust-per-element injectors for a liquid-oxygen hydrogen rocket engine	1966
19710065210	Space programs summary no. 37-37, volume 2 for the period 30 November - 31 December 1965. The planetary-interplanetary program	1966
19710065211	Space programs summary no. 37-38, volume 2 for the period 1 January - 28 February 1966. The planetary-interplanetary program	1966
19710065213	Space programs summary no. 37-38, volume 1 for the period 1 January - 28 February 1966. The lunar program	1966
19710065220	Space programs summary no. 37-37, volume 1 for the period 1 November - 31 December 1965. The lunar program	1966
19710065222	Research studies and analysis to define manned lifting entry flight environment	1966
19710065223	Space programs summary no. 37-39, volume 2 for the period 1 March - 30 April 1966. The planetary-interplanetary program	1966
19710065230	Space programs summary no. 37-41, volume 1 for the period 1 July - 31 August 1966. The lunar program	1966
19710065231	Space programs summary no. 37-39, volume 1 for the period 1 March - 30 April 1966. The lunar program	1966
19710065245	Mission control systems effectiveness analysis. Volume 1 - Introduction and summary Final report	1966
19710065246	Mission control systems effectiveness analysis. Volume 3 - RTCC and SCATS analyses. Part 1 - Real Time Computer Complex /RTCC/. Part 2 - Simulation Checkout And Training System /SCATS/ Final report	1966
19710065247	Mission control systems effectiveness analysis. Volume 4 - Display and control system analysis Final report	1966
19710065310	Micrometeoroid studies Status report, Dec. 1966	1966
19710065326	An approximate plume analysis for the Voyager Task C planetary quarantine study	1966
19710065374	Preliminary combinatorial probability model for the Voyager quarantine problem /Phase 1-2-3/	1966
19710065466	A model for the social system for the multiman extended duration space ship	1966
19710065468	Investigation of light scattering in highly reflecting pigmented coatings. Volume 1 - Summary Final report, 1 May 1963 - 30 Sep. 1966	1966
19710065508	Hypersonic aerodynamic characteristics of the Ames M-2 lifting entry configuration	1966
19710065722	Quadrant photometer for spaceborne auroral and optical measurements	1966
19710066258	The establishment of NASA	1966
19710066347	Environmental specification, Voyager capsule flight equipment type approval and flight acceptance test procedures for the heat sterilization and ethylene oxide decontamination environments	1966
19710066352	Mission control systems effectiveness analysis. Volume 2 - Communications system analysis Final report	1966
19710066763	Minutes of ALSEP Customer Review Meeting Summary report	1966
19710066813	Lunar orbiter project - Mission A description	1966
19710066900	Statistical study of a uniform and a normal random number generator	1966
19710066923	A study of the interference effects in a tandem rotor helicopter	1966
19710067065	Research on fiber-reinforced composites	1966
19710067351	A summary of X-15 heat transfer and skin friction measurements	1966
19710067352	Recent aerodynamic studies applicable to high performance maneuvering aircraft	1966
19710067423	Radiowave scattering structure in the disturbed auroral ionosphere - Some measured properties. Volume 2 - Experimental considerations	1966
19710067424	Aberrations of VHF-UHF signals traversing the auroral ionosphere Final report, 1 Aug. 1964 - 31 Jul. 1966	1966
19710067425	Some effects of the auroral ionosphere on satellite-to-ground communications at VHF Supplement to final report, 1 Aug. 1964 - 31 Jul. 1966	1966
19710067934	Solar cell cover glass development Quarterly technical progress report, 1 Sep. - 30 Nov. 1966	1966
19710067942	Solar cell cover glass development Quarterly technical progress report, 15 Jun. - 1 Sep. 1966	1966
19710068072	Mobile Geological Laboratory navigation system description	1966
19710068073	LSSM navigation requirements and techniques	1966
19710068141	A review of hypersonic cruise vehicles	1966
19710068142	Drag measurements from different wind tunnels	1966
19710068143	Jet exit and airframe interference studies on twin-engine-fuselage aircraft installations	1966
19710068144	Summary of research on jet exit installations	1966
19710068146	Summary of external store drag	1966
19710068147	Current methods for prediction and minimization of lift induced drag at supersonic speeds	1966
19710068279	Apollo Lunar Surface Drill /ALSD/	1966
19710069134	Waves in materials with memory. 5 - On the amplitude of acceleration waves and mild discontinuities	1966
19710069510	Scout first stage moment disturbance study	1966
19710070057	Design of an optical touch sensing system for a remote manipulator	1966
19710070298	SCAN - A computer code for SNAP-8 system analysis with influence coefficient calculation option	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710070302	SNAP-8 liquid metal level measurements	1966
19710070321	Performance map of the SNAP-8 model condenser, P/N 092500-1, S/N A-2	1966
19710070335	Development of SNAP-8 long life flight instrumentation	1966
19710070377	Engineering support documentation for the SNAP-8 lubricant-coolant pump-motor assembly	1966
19710070509	Postflight evaluation of Atlas-Centaur AC-6, launched 11 August 1965	1966
19710070518	An investigation of the Apollo afterbody pressure and heat transfer at high enthalpy	1966
19710070519	Experimental Comparison of Apollo Afterbody Heating in Air and CO2	1966
19710070875	Research program on the management of science and technology. On-line analytical routines for social science research	1966
19710070886	Comparative Studies of Conceptual Design and Qualification Procedures for a Mars Probe/ Lander. Volume 4, Appendix C - Sterilization Final Report	1966
19710071426	PERT and procurement policy	1966
19710071554	Preliminary analysis of the mission AS-278A CSM thrust vector control system	1966
19710072556	Captive Seal Corporation pressure switches P/N 65M243-11	1966
19710072559	Saturn 5, system safety program, adequacy evaluation	1966
19710072577	Fischer and Porter Company purge meter with valve, P/N 10A3665	1966
19710072578	Snap-Tite, Incorporated quick disconnect coupling assembly P/N 3243-6 and 7 /6-inch/	1966
19710072579	Custom Components Switches, Incorporated pressure switch P/N 606G-R1-205	1966
19710072682	Avica Corporation Bellows Assemblies, P/N 12853, 12861 and 12867	1966
19710072685	Metals and Controls, Incorporated roller- plunger actuated limit switches, P/N AT91-2 and AT91-3	1966
19710072695	Robertshaw Controls Company 1/4 inch pressure gages P/N 767-BC and T21-767-BC, 0-5000 psig	1966
19710072696	Robertshaw Controls Company 1/4 inch pressure gages P/N 767-BC and T21-767-BC 0-10000 psig service	1966
19710072704	Robertshaw Controls Company 1/4 inch pressure gages P/N 767-BC and T21-767BC, 0-100 psig	1966
19710072705	Sigma-Netics, Incorporated, 1/4 inch pressure switch P/N 704003, 150-450 psig adjustable, 6000 psig service	1966
19710072709	Marsh Instrument Company temperature gage, NASA P/N 75M07538-1, revision B	1966
19710072717	On-mark Couplings Incorporated flexible coupling P/N 0760-24, 0760-32, 0760-64	1966
19710072718	Microswitch Company roller plunger-actuated switch P/N X32635	1966
19710072719	Milli-Switch Corporation hermetically sealed switch P/N G29127	1966
19710072748	Quick disconnect couplings, On-Mark 1239016-05-1 and 1239016-06-1, Snaptite 3268-8 and 3268-9, Aeroquip AE90801M and AE90803M	1966
19710072750	Electronic Specialty Company current sensitive relay P/N 80GB5N-4-A-5K	1966
19710072840	Experiment to measure deviations from the Stefan-Boltzman law by means of power loss between two concentric spheres at different temperatures Monthly progress report, 1-31 Mar. 1966	1966
19710072940	Permanent Filter Corporation P/N 18394-5 filter housing and elements	1966
19710072941	Weston Instruments, Incorporated relay meter, model no. 1093 type 6	1966
19710073086	Survey of Mendenhall glacier	1966
19710073097	Study of the reflection of electromagnetic waves from nonhomogeneous media, especially the effect of snow cover on ultrahigh frequencies	1966
19710073167	Mission engineering study of electrically propelled manned planetary vehicles Technical review no. 1, Oct. 1966	1966
19710073374	J-2X experimental engine program /U/ Final report, 20 Jul. - 31 Dec. 1965	1966
19710073418	Bubble point test evaluation, Bendix filter elements, P/N 47313, 47314, 47316	1966
19710073600	Southwestern Industries, Incorporated pressure switches P/N PS5116-100, -195, -375 and -700	1966
19710073661	Custom Component Switches, Incorporated pressure switch P/N 603 GR5-26S	1966
19710073662	Custom Components pressure switches, P/N 698GC915	1966
19710073663	Powertron liquid level detector, model no. UCP10255-8	1966
19710073664	Southwestern Industries, Incorporated pressure switches P/N PS3704-35	1966
19710073665	Sigma Instruments, Incorporated photorelay P/N 8PL277	1966
19710073666	Kinetics Corporation roller plunger actuated switch P/N 1117-1	1966
19710073692	Metals and Controls, Incorporated roller- plunger, adjustable-angle limit switch, P/N 21608-1 and 21608-2	1966
19710073729	Hydra-Electric Company pressure switches P/N 98063	1966
19710073730	Powertron Ultrasonics Corporation liquid level detector P/N UCP1025S-5	1966
19710073760	Aircraft Porous Media, Incorporated, hydraulic filter assembly PN ACF-3122-810H	1966
19710073824	Pneumatic filter, 1/2-inch, Permanent Filter Corp., P/N 10011-P-5/15	1966
19710073831	JPL supporting research and technology sterilization program - Analysis and plans	1966
19710073845	Composite materials for turbine compressors Interim engineering progress report, 1 Jun. - 31 Aug. 1966	1966
19710073860	Fluid dynamics hydraulic filter assembly P/N 002922	1966
19710073966	Model TR-4-A deep sea velocimeter field performance follow-up report	1966
19710073969	Model 4005 temperature sensor	1966
19710074010	Housing assy, readout module	1966
19710074016	Evaluation of thermal control coatings in the space environment Monthly progress report, period ending 17 Jun. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074017	Stability of thermal control coatings exposed to combined space environments Quarterly progress report, period ending 31 Dec. 1966	1966
19710074101	Acceptance checkout equipment spacecraft Monthly progress report, 15 Jan. - 15 Feb. 1966	1966
19710074112	Metals and Controls, Incorporated, plunger actuated limit switch, P/N 21609-1 and 21609-2	1966
19710074113	Marotta Valve Corporation misalignment joint P/N 227994, 3-inch GR25	1966
19710074121	Acceptance checkout equipment - Spacecraft Monthly progress report, 15 Dec. 1965 - 15 Jan. 1966	1966
19710074122	Acceptance checkout equipment - Spacecraft Monthly progress report, 15 Feb. - 15 Mar. 1966	1966
19710074125	Acceptance checkout equipment - Spacecraft documentation list, April 1966	1966
19710074133	Acceptance checkout equipment - Spacecraft documentation list, May 1966	1966
19710074167	Micro Switch Company, plunger actuated switch P/N 12HR28	1966
19710074182	NASA advanced spacecraft display study	1966
19710074466	Southwestern Industries, Incorporated, modified pressure switch P/N Ps-3800-d625	1966
19710074467	Combination Pump Valve Company, 6000-psi union assembly P/N 58R-750 N-7, 58 T-7, with Disogrin Industries o-ring seal P/N 224	1966
19710074540	Heat-sterilization, temperature-gradient test program for electronic component parts Final report	1966
19710074562	A study of hydrocarbon flames	1966
19710074870	Ocean surface surveillance capability study. Annex 1 Final report	1966
19710074915	End item test plan for ACE-S/C MILA peripheral equipment in launch control center 39-2	1966
19710074959	Lunar exploration program plan	1966
19710074991	Development of S-13G type coatings as engineering materials Technical progress report, 22 Oct. - 21 Nov. 1966	1966
19710074998	Acceptance checkout equipment - Spacecraft Monthly progress report, 15 Aug. - 15 Sep. 1966	1966
19710075007	Flat cable applications study, volume 1 Final report	1966
19710075008	Development of S-13G type coatings as engineering materials Technical progress report, 22 Sep. - 21 Oct. 1966	1966
19710075051	Acceptance checkout equipment - Spacecraft Monthly progress report, 15 Nov. - 15 Dec. 1965	1966
19710075668	Saturn 1B improvement study /solid first stage/, phase 2 Final presentation report	1966
19710075679	Booster guided missile Mark 12 Mod O /Terrier/ 4.0 year type life summary report /U/	1966
19710075765	MIT flight computer software schedules	1966
19710076277	Feasibility Study of Utilization of LM for Project Able. Volume 3, Part 1 - Program Plan /U/ Final Report	1966
19710076278	Feasibility Study of Utilization of Lm for Project Able. Volume 3, Part 2 - Program Plan/Cost Subplan /U/ Final Report	1966
19710076763	Section 5 - A condensation aerosol generator for producing monodispersed aerosols in the size range, 0.036 micron to 1.3 micron	1966
19710077002	A 'best' mismatched filter response for radar clutter discrimination	1966
19710077141	Air-sea rescue beacon locator study Final report, 1 Sep. 1965 - 30 Jun. 1966	1966
19710077222	The ac electric drive system, volume 2, appendix A Final report	1966
19710077342	Quarterly summary of quality control program performance audits for lunar excursion module, 14 January 1963 - 31 January 1964	1966
19710077515	Effect of Propellant Exhaustion Shutdowns on Outage - Titan 3, Stage 1	1966
19710077726	FATE environmental test plan	1966
19710078062	Data storage electronics assembly instrumentation subsystem design control specification	1966
19710078126	High field galvanomagnetic effects in p-type germanium	1966
19710078128	Aspects of helicon propagation in metals	1966
19710078172	Caution and warning electronics assembly, instrumentation subsystem design control specification for	1966
19710078478	Condensation and nucleation processes of single crystal thin films Quarterly progress report, 1 Jan. - 31 Mar. 1966	1966
19710078765	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.4 on-board navigation	1966
19710078787	Lunar orbit rendezvous reference trajectory data package. Cumulative distribution plots for CSM error analysis for parametric study trajectory 4.4	1966
19710078792	CSM error analysis for trajectory 4.1P ground based navigation 7 stations MC1 equal TL1 plus 15 hours, MC6 equal RE plus 2 hours	1966
19710078793	CSM error analysis for trajectory 4.1K ground based navigation errors increased by 5 times	1966
19710078794	CSM error analysis for trajectory 4.1M ground based navigation with Goldstone, Madrid, and Canberra stations only	1966
19710078796	CSM error analysis for trajectory 4.4T ground based navigation with no Apriori data	1966
19710078797	CSM error analysis for trajectory 4.4S ground based navigation retargeting after LEM docking, TLI injection covariances quadrupled	1966
19710078809	CSM error analysis for trajectory 4.1Q optical navigation MC6 greater than RE - 1/2 hour	1966
19710078811	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.4 ground based navigation 7 stations measuring range rate and range maximum tracking arc 12 hours	1966
19710078819	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.4 on-board navigation with tripled sextant errors	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078820	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.5 on-board navigation with tripled sextant errors	1966
19710078823	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.4 on-board navigation, first translunar midcourse correction made at 15 hours, the third transearth midcourse correction made 2 hours prior to entry	1966
19710078846	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.1 on-board navigation uncorrelated injection errors	1966
19710078860	CSM error analysis for trajectory 4.5T ground based navigation with no apriori data	1966
19710078861	CSM error analysis for trajectory 4.1U ground based navigation 7 stations, range rate only nominal R' errors	1966
19710078862	CSM error analysis for trajectory 4.1S ground based navigation retargeting after LEM docking, TLI injection covariances quadrupled	1966
19710078871	CSM error analysis for trajectory 4.1R ground based navigation retargeting after LEM docking, TLI injection covariances doubled	1966
19710078872	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.1 on-board navigation with tripled sextant errors	1966
19710078930	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.1 ground based navigation midcourse corrections made only with high thrust engine	1966
19710078931	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.5 ground based navigation	1966
19710078932	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.4 on-board navigation uncorrelated injection errors	1966
19710078933	Lunar orbit rendezvous reference trajectory data package, CSM error analysis for trajectory 4.1 on-board navigation, first translunar midcourse correction made at 15 hours, the third transearth midcourse correction made 2 hours prior to entry	1966
19710078934	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.1 ground based navigation, first translunar midcourse correction at 10 hours	1966
19710078940	Lunar orbit rendezvous reference trajectory data package - CSM error analysis for trajectory 4.4 ground based navigation first translunar midcourse correction at 10 hours	1966
19710078946	CSM error analysis for trajectory 4.1N ground based navigation - 7 stations, range rate only	1966
19710078947	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.4 ground based navigation uncorrelated injection errors	1966
19710078948	CSM error analysis for trajectory 4.1L ground based navigation errors increased by 10 times	1966
19710078950	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.5 ground based navigation, 7 stations measuring range rate and range maximum tracking arc 12 hours	1966
19710078954	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.4 ground based navigation	1966
19710078955	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.5 on-board navigation, first translunar midcourse correction made at 15 hours, the third transearth midcourse correction made 2 hours prior to entry	1966
19710078956	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.5 ground based navigation midcourse corrections made only with high thrust engine	1966
19710078959	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.4 ground based navigation, midcourse corrections made only with high thrust engine	1966
19710078970	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.5 on-board navigation uncorrelated injection errors	1966
19710078971	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.5 ground based navigation - First translunar midcourse correction at 10 hours	1966
19710078972	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.1 on-board navigation	1966
19710078973	CSM error analysis for trajectory 4.1T ground based navigation with no apriori data	1966
19710078992	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.1 ground based navigation 7 stations measuring range rate and range maximum tracking arc 12 hours	1966
19710079011	CSM error analysis for trajectory 4.4R ground based navigation retargeting after LEM docking, TLI injection covariances doubled	1966
19710079013	CSM error analysis for trajectory 4.5R ground based navigation retargeting after LEM docking, TLI injection covariances doubled	1966
19710079014	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.1 ground based navigation uncorrelated injection errors	1966
19710079015	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.5 on-board navigation	1966
19710079042	Lunar orbit rendezvous reference trajectory data package. Cumulative distribution plots for CSM error analysis for parametric study trajectory 4.1	1966
19710079054	Lunar orbit rendezvous reference trajectory data package. Cumulative distribution plots for CSM error analysis for parametric study trajectory 4.5	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079060	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.1 ground based navigation	1966
19710079061	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.5 ground based navigation uncorrelated injection errors	1966
19710079204	Spectrum signature of radar set AN/SPQ-9 /XN-1/ part of gun fire control system Mk 86 Mod 0 /U/	1966
19710079597	Martin Company, technical presentation 250-watt radioisotopic thermoelectric generator /U/	1966
19710080980	Telemetry development and test program Quarterly report, Oct. - Dec. 1965	1966
19710081301	BIRDS EYE 1-66, 28 January - 3 February 1966	1966
19710081310	BIRDS EYE 2-66, 6 - 14 March 1966	1966
19710081311	BIRDS EYE 9-65, 12 - 18 October 1965	1966
19710081944	Apollo GSE end item specification for junction box set - Distribution, electrical, model C14-585	1966
19710082373	Data processing approaches to sonar stabilization	1966
19710082414	Stress analysis of the clamp assembly for the advanced Terrier booster	1966
19710082478	Report of materials development for AN/BQG-2A PUFFS hydrophone boots	1966
19710082744	Cavitation damage in liquid metals Monthly report, 1-30 Nov. 1966	1966
19710082794	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Nov. - 1 Dec. 1966	1966
19710082798	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report 1 Oct. - 1 Nov. 1966	1966
19710082810	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Nov. - 13 Dec. 1966	1966
19710082983	Emissivity coatings for low temperature space radiators Progress report, 1 Jan. - 31 Jan. 1966	1966
19710083078	Three-stage potassium test turbine Monthly progress report, 5 Aug. - 5 Sep. 1966	1966
19710083082	Electron collision cross sections in metal vapors Monthly progress report, 7-31 Jan. 1966	1966
19710083083	Electron Collision Cross Sections in Metal Vapors Monthly Progress Report, 1-31 Mar. 1966	1966
19710083084	Emissivity coatings for low temperature space radiators Monthly progress report, 1-31 May 1966	1966
19710083085	Determination of elevated temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Jul. - 1 Aug. 1966	1966
19710083086	Determination of elevated temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Sep. 1 Oct. 1966	1966
19710083095	Emissivity coatings for low temperature space radiators Monthly letter report, 1-31 Aug. 1966	1966
19710083113	Three-stage potassium test turbine Monthly progress report, 5 Jul. - 5 Aug. 1966	1966
19710083135	Research program for the development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces Monthly progress report, 28 Nov. - 27 Dec. 1966	1966
19710083137	Apollo GSE end item specification for cable set - Electrical, airframe 001 model C14-493	1966
19710083203	Determination of elevated temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Aug. - 1 Sep. 1966	1966
19710083204	Refractory metal contamination study, 1 November - 1 December 1966	1966
19710083205	Electron collision cross sections in metal vapors Monthly progress report, 1-28 Feb. 1966	1966
19710083233	Performance and endurance testing of high temperature liquid metal instrumentation Monthly progress report	1966
19710083242	Filis. Volume 1 - Vapor and liquid mathematical model	1966
19710083268	Cavitation damage in liquid metals Monthly report, 1-30 Jun. 1966	1966
19710083291	Cavitation damage in liquid metals Monthly report, 1-30 Apr. 1966	1966
19710083292	Cavitation damage in liquid metals Monthly progress report, 1-28 Feb. 1966	1966
19710083304	Filis. Volume 2 - Vapor and liquid computer program	1966
19710083305	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Dec. 1965 - 13 Jan. 1966	1966
19710083306	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 May - 13 Jun. 1966	1966
19710083307	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Jun. - 13 Jul. 1966	1966
19710083308	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Jul. - 13 Aug. 1966	1966
19710083311	Emissivity coatings for low-temperature space radiators Progress report, 1-30 Nov. 1966	1966
19710083319	Monthly report, August 1966	1966
19710083326	Refractory metal contamination study Technical report, 1 Jun. - 31 Aug. 1966	1966
19710083328	Emissivity coatings for low temperature space radiators Monthly progress report, 1-31 Jul. 1966	1966
19710083330	Electron collision cross sections in metal vapors Monthly progress report, 1-31 May 1966	1966
19710083331	Electron collision cross sections in metal vapors Monthly progress report, 1-31 Jul. 1966	1966
19710083332	Research program for the development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces Monthly progress report, 28 Sep. - 27 Oct. 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083339	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Aug. - 13 Sep. 1966	1966
19710083406	Emissivity coatings for low temperature space radiators Monthly progress report, 1-30 Apr. 1966	1966
19710083414	Progress report, period ending 3 December 1966	1966
19710083415	Monthly report, December 1966	1966
19710083416	Monthly report, November 1966	1966
19710083439	Monthly report, March 1966	1966
19710083441	Advanced refractory alloy corrosion loop program Monthly status report, 15 May - 15 Jun. 1966	1966
19710083442	Progress report for period 29 May - 4 September 1966	1966
19710083446	Monthly progress report, period ending 29 Oct. 1966	1966
19710083449	Monthly report, October 1966	1966
19710083451	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Jan. - 1 Feb. 1966	1966
19710083452	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Feb. - 1 Mar. 1966	1966
19710083453	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Apr. - 1 May 1966	1966
19710083455	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Mar. - 13 Apr. 1966	1966
19710083535	Theoretical impact effects of composite projectiles Monthly progress report, 18 Oct. - 17 Nov. 1966	1966
19710083536	Monthly report, June 1966	1966
19710083537	Monthly report, January 1966	1966
19710083609	Monthly report, March	1966
19710083610	Monthly report, April	1966
19710083611	Emissivity coatings for low temperature space radiators Progress report, 1 Oct. - 31 Oct. 1966	1966
19710083654	Research program for the development of tungsten coated uranium dioxide particle cerments and high performance thermionic converters with preferred electrode surfaces Monthly progress report, 28 Jul. - 27 Aug. 1966	1966
19710083655	Research program for the development of tungsten coated uranium dioxide particle cerments and high performance thermionic converters with preferred electrode surfaces Monthly progress report, 28 Aug. - 27 Sep. 1966	1966
19710083662	End item test plan for ACE-S/C MILA peripheral equipment in launch control center 39-1	1966
19710083664	General end item test plan for ACE-S/C ground stations. Appendix K - MILA 5 /ground station 12/ /interim GAEC 3/	1966
19710083665	End Item Test Plan for ACE-S/C MILA Peripheral Equipment in Launch Complex 37	1966
19710083787	Apollo GSE End Item Specification for Cap and Plug Set, Apollo Spacecraft, Model A14-026 /Configuration-501/	1966
19710084030	Elastic constants and strain concentrations in an idealized composite material configuration	1966
19710084626	Monthly progress report	1966
19710084753	Apollo interface control document log	1966
19710084757	Apollo support program Quarterly progress report, Oct. - Dec. 1965	1966
19710084766	Apollo interface control document log	1966
19710084768	Apollo interface control document log	1966
19710084839	Apollo support program ACE-S/C financial management report, February 1966	1966
19710084975	ACE-S/C reliability Quarterly status report, 1 Jan. - 31 Mar. 1966	1966
19710084980	NRX-AS Dragon memoranda for experimental plan 4 /U/	1966
19710085068	Ambiguity function catalog of uniformly spaced envelope recurrent pulse trains	1966
19710085087	Conceptual design studies of water jet propulsion systems for CAB vehicles Final report	1966
19710085102	Feasibility study of flexible seals for cab vehicle Final report	1966
19710085193	Review of Space Radiation Problems	1966
19710085194	A Survey of Radiation Doses in near Earth Orbits	1966
19710085195	Radiation Environment for the Apollo Lunar Missions	1966
19710085196	NASA Space Environment Study Program	1966
19710085197	Protection by the CSM, LEM, Space Suit	1966
19710085198	NASA Space Radiation Shielding Research	1966
19710085199	Types of Radiation Effects and Their Potential Significance	1966
19710085200	Clinical Manifestations of Radiation Injury	1966
19710085201	Late or Delayed Effects	1966
19710085202	Modifying Factors of Radiation Responses, Introduction	1966
19710085203	Modifying Factors of Radiation Responses - Dose Fractionation and Protraction and Body Repair Rates	1966
19710085204	Problems of Application of Dose /Response Relation/. Ships of Manned Space Flight Operations	1966
19710085205	Orins Human Response Studies	1966
19710085206	Radiobiology Program of OART	1966
19710085207	USAF Animal Program on Proton Effects	1966
19710085210	A review of the automatic flight control system - Aeroelastic mode coupling program	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085528	Saturn 5 launch facility checkout documentation control plan, SA-500F	1966
19710085656	Report of demonstration tests performed on UK miniature magnetic tape recorder system	1966
19710085891	Data storage electronics assembly checkout equipment, design control specification for including amendments 1 and 3	1966
19710086088	Procedure for proof pressure and leak rate testing of LTA-8 ascent stage	1966
19710086093	ACE-S/C reliability Quarterly status report, 1 Oct. - 31 Dec. 1965	1966
19710086094	General end item test plan for ACE-S/C ground stations. Appendix 1 - MILA 3 /Ground Station 10/	1966
19710086138	GSE end item specification for fluid distribution system, Mobile Launcher No. 2, Model S14-131	1966
19710086156	End item detail specification for access platform set - Internal, S-IVB /LEM/ adapter, model H14-176-101	1966
19710086450	F-4/AIM-4D launcher static structural test report	1966
19710086466	Theoretical Impact Effects of Composite Projectiles Monthly Progress Report, 18 Jul. - 17 Aug. 1966	1966
19710086469	Procedure for connector leak detection test	1966
19720062954	Development of a lightweight, unidirectional net type couch system for the Apollo or follow-on projects, phase 1	1966
19720063452	Study for 250-Watt Controlled Reentry Orbiting Nuclear System	1966
19720063482	Liquid propellant missile longitudinal oscillation	1966
19720063658	Aerodynamic characteristics of a series of Apollo-type entry configurations at Mach numbers of 10.6 and 21.2 in helium	1966
19720063674	Project Fire flight 1 radiative heating experiment	1966
19720063675	Forebody temperatures and calorimeter heating rates measured during Project Fire 2 reentry at 11.35 kilometers per second	1966
19720063679	Project Fire flight 2 afterbody temperatures and pressures at 11.35 kilometers per second (37,200 feet per second)	1966
19720063742	Comparison of free-flight and wind-tunnel data for Apollo launch escape vehicle at Mach numbers 0.7 and 1.2	1966
19720063844	The direct conversion of heat to electricity by thermionic emission: Arc mode operation	1966
19720063967	Development of SCM-1, a system for investigating the performance of a man-computer supervisory controlled manipulator	1966
19720064022	Meteor research program	1966
19720064025	Preliminary study of meteor streams at faint radio magnitude	1966
19720064027	The circulating page loose system: A new solution for data processing	1966
19720064028	A tabulation of meteor-echo rates	1966
19720064122	Managing the flow of scientific and technological information	1966
19720064130	Design reference mission 2 A. Apollo mission planning task force, appendices to volume 1	1966
19720065114	Booster static firing programs: An analysis of value and costs	1966
19720065130	Results of a Flight Test of the Apollo Heat Shield Material at 28,000 Feet Per Second	1966
19720065131	Experimental investigation of flow characteristics of the Apollo reentry configuration at a Mach number of 20 in nitrogen	1966
19720065467	Aerodynamic characteristics at Mach 2.96 and 4.61 of a reusable launch vehicle based on supersonic transport airplane design	1966
19720065553	Performance Potential of Hydrogen Fueled, Airbreathing Cruise Aircraft. Volume 1: Summary	1966
19720065644	Analytical and experimental studies of multiple unit impact dampers	1966
19720066288	Science, technology and public affairs: A search in the field	1966
19720066465	Calculation of geometric configuration factors for arbitrarily shaped and oriented bodies	1966
19720066586	Studies of thermionic materials for space power applications	1966
19720066587	Optimum temperature response of integral cesium reservoirs	1966
19720066588	Material evaluation	1966
19720066589	Vacuum emission studies, part 2	1966
19720066590	Performance stability of fueled cesium thermionic converters, part 3	1966
19720066591	High temperature thermocouple fabrication and development, appendix B	1966
19720066592	Postoperation examinations of LC-3, LC-4, and LC-5, appendix C	1966
19720066804	Studies of thermionic materials for space power applications	1966
19720066811	Studies of thermionic materials for space power applications	1966
19720067234	Design criteria for space propulsion systems	1966
19720067247	EVA associated with the assembly and service of large structures	1966
19720067248	A Space Tool Kit Development Program	1966
19720067249	Extravehicular capsular adhesive systems	1966
19720067250	Information system design for space maintenance	1966
19720067251	Electron Beam Welding for In-Space Assembly and Maintenance	1966
19720067252	The necessity for development and use of fastening devices with special characteristics for space use	1966
19720067253	The extravehicular manufacture of large space structures from storable tubular members	1966
19720067254	Modular assembly in space	1966
19720067255	Effects of cryodeposits on spacecraft thermal control systems	1966
19720067256	Extravehicular maneuvering in space. 1: Investigation of a simplified maneuvering technique. 2: Jet shoe extravehicular activity device	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720067257	The astronaut maneuvering unit	1966
19720067258	Remote maneuvering unit	1966
19720067259	A summary of research as of January 1966 in extravehicular maneuvering techniques for space	1966
19720067260	A comparison of propulsion concepts for astronaut maneuvering units	1966
19720067261	Application of control moment gyroscope to stabilization and attitude control in space	1966
19720067262	Mobility aids for lunar surface extravehicular activity	1966
19720067263	Performance analysis of an astronaut maneuvering system	1966
19720067264	AF-Gemini space maintenance experiment and simulation	1966
19720067265	Extravehicular activity training in the T-27 space flight simulator	1966
19720067266	Data interfaces in Extravehicular Activity (EVA) experiments	1966
19720067267	Tool experiments for assembly, maintenance and repair in space	1966
19720067268	Simulation studies of EVA missions	1966
19720067269	Auxiliary Controllable satellites requirements, simulation, design approach	1966
19720067270	Hard shell suit performance as it relates to space maintenance and other extravehicular activities	1966
19720067271	Remote handling research and potential space applications	1966
19720067272	Extravehicular environment and mobility constraints on the configuration of an anthropomorphic space suit system	1966
19720067273	A study of controllers for an astronaut maneuvering unit	1966
19720067274	Operator/tool interface problem areas for space maintenance	1966
19720067275	How big is the space flight maintenance problem ?	1966
19720067276	Computer simulation of maintenance tradeoffs	1966
19720067277	Gemini achieves operational capability, prelude to future manned missions	1966
19720067281	Growth, deformation, and defect structure of salt crystals	1966
19720067284	Apollo program	1966
19720067300	Real-time estimation of time-varying correlation functions	1966
19720067303	Ultrasonic Treatment of Alloys to Produce Dispersion Strengthening	1966
19720067565	Pre-ignition and ignition processes of metals	1966
19720067566	Pre-Igition and Ignition Processes of Metals	1966
19720067567	Pre-ignition and ignition processes of metals	1966
19720067568	The ignition transient in solid propellant rocket motors	1966
19720067971	Experimental shock-tube investigation of conditions behind incident and reflected shocks in air for shock Mach numbers between 8.5 and 16.5	1966
19720067981	Saturn 1B/5 instrument unit switch selector, model 2	1966
19720068058	Inter-planetary Craft for Advanced Research in the Vicinity of the Sun (ICARVS)	1966
19720068061	The needs and requirements for a manned space station. Volume 5: Biology	1966
19720068062	The needs and requirements for a manned space station. Volume 3: Earth resources	1966
19720068063	The needs and requirements for a manned space station. Volume 4: Meteorology	1966
19720068815	Drawing and specification list, Apollo spacecraft complete	1966
19720068844	Project Apollo GSE end item specification for fluid distribution system vehicle assembly building, bay 3, model S14-129	1966
19720068924	Quarterly quality status report, Apollo spacecraft	1966
19720068928	GSE end item specification for fluid distribution system, vehicle assembly building, Bay 1, Model S-14-128	1966
19720068957	Apollo end item specification power supply, ground, spacecraft, Model C14-418 (-101 configuration)	1966
19720068990	GSE end item specification for cradle, transport, launch escape system, Model H14-083(-101 configuration)	1966
19720069008	Apollo GSE end item specification for engine decontamination unit, model S14-070	1966
19720069012	Apollo GSE end item specification for electrical terminal distributor, 300 foot level, mobile launcher, Model C14-356	1966
19720069023	LEM 1-3 measurements list	1966
19720069075	Apollo GSE end item specification for junction box assembly: Electrical, high bay area, model C14-558	1966
19720069090	Apollo GSE end item specification for module: Stimuli generator, carry-on, Model C14-266	1966
19720069127	Design control specification for cart, Ullage simulator, ascent-descent	1966
19720069174	GSE end item specification, console assembly, power supply dc, model C14-262, 101 configuration	1966
19720069177	Trip report: Critical design review on block 2 Apollo guidance and navigation system	1966
19720069178	Apollo GSE end item specification for module, receiver and baseplate, carry-on model C14-264	1966
19720069208	Bimonthly Progress Report, 1 July - 31 August 1966	1966
19720069209	Bimonthly Progress Report, 1 September - 31 October 1966	1966
19720069225	Procedure for proof pressure and leak rate testing of LEM-1 ascent stage	1966
19720069228	End item test plan for ACE-S/C-TO-L/V computer interface cabinet assembly in launch complexes 34, 37, and 39	1966
19720069283	An investigation of solubility and diffusion of oxygen in refractory metals	1966
19720069285	The legal structure of a confined microociety: A tentative evaluation of the Cowan-strickland penthouse experiments	1966
19720069407	Project Apollo GSE end item specification for fluid distribution system launch pad 39A model S14-108	1966
19720069414	Bimonthly Progress Report, 1 May - 30 June 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069493	Effects of one year exposure in flowing sea water on tensile properties of cast nickel-aluminum bronze (MIL-B-23921)	1966
19720069499	Ku-band polarization generator	1966
19720069643	Electronic countermeasures and counter-countermeasures: An annotated bibliography, supplement 5, July 1966 - March 1967	1966
19720069647	Electronic countermeasures and counter-countermeasures: An annotated bibliography, supplement 4, July 1965 - June 1966	1966
19720069664	Apollo support program	1966
19720069665	Little Joe 2 test launch vehicle	1966
19720069795	Monthly Progress Report	1966
19720069800	LEM 1-3 measurement list LED 360-22, revision D	1966
19720070068	Slast propulsion load tests of 400-hp GE DC motor and GM speed reducer	1966
19720070069	Zinc-chromic acid battery	1966
19720070135	Advanced flight control system functional analysis	1966
19720070416	Ultrasonic pulse echo thickness measurement	1966
19720070417	Delta weld inspection system	1966
19720071033	Fourth bimonthly letter progress report, 1 January - 28 February 1966	1966
19720071440	Social organization of a university laboratory	1966
19720071684	A proposed study for handling and use of collected data for TARS-75 (U)	1966
19720071685	A proposed study: Synthesis of analytical studies for the tactical reconnaissance and surveillance TARS-75 study (U)	1966
19720072121	Saturn V program specification baseline (SA-504 through SA-515)	1966
19720072174	Study for 250-watt controlled reentry orbiting nuclear system. Volume 3: Development program plan	1966
19720072634	Investigation of Thiokol pavement coating	1966
19720072771	The NAFI film drum scanner: An electro-optical correlator (U)	1966
19720073038	Evacuation of gases from battens of multilayer insulation in a vacuum environment, phase D	1966
19720073137	Torpedo Mk 37 depth control system stability investigation hold-in and flat search operation	1966
19720073208	Effect of weld integrity due to cleaning and passivating schedule 10, type 304 SST pipe	1966
19720073518	Development and testing of new 10,000 pound high pressure piping	1966
19720073537	Particulate diffusion, 1965 Victoria diffusion trails, part 1	1966
19720074062	OSSA Prospectus 1966: A listing of program opportunities, 1976 - 1986	1966
19720074067	A photometric lunar survey	1966
19720074682	Remotely controlled TIG welding monitored by closed-circuit television, Block 2, Apollo crew compartment heat shield	1966
19720074813	Nondestructive testing of plastic laminates, adhesive bonded honeycomb and diffusion bonded metals	1966
19720075205	The needs and requirements for a manned space station. Volume 5: Biology	1966
19720075328	Product development report. Maintenance data collection sub-system (ships) revision	1966
19720075522	Apollo-Saturn IB cryogenics tanking test	1966
19720075524	Apollo-Saturn 1B MCC-H/ETR interface tests	1966
19720075527	Apollo-Saturn 1B SV electrical mate and interface test	1966
19720075630	XM19 ballistics computer	1966
19720075743	Saturn 5 AS-503 launch vehicle performance analysis, volume 2	1966
19720075750	Design Reference Mission 2A, Apollo Mission Planning Task Force. Volume 3: Spacecraft Flight Sequence of Operations	1966
19720075756	Fabrication and analysis of a random noise correlator	1966
19720075786	Apollo-Saturn IB MCC-K/ETR interface tests	1966
19720075870	Analytic predictions of pressure pulses due to rocket engine starting	1966
19720075970	Saturn 5 launch vehicle design reference mission sequence	1966
19720075976	Mission requirements for Apollo spacecraft development Mission Apollo-saturn 501/502	1966
19720075978	The effects of non-spherical gravitational fields on some typical mission trajectories	1966
19720075979	Apollo spacecraft-engine equations and actuator load	1966
19720075991	Definition of electrical interface Saturn 5 launch vehicle ESE to Apollo spacecraft ESE. Effective on: AS-502(SA502/SC020)	1966
19720075992	Definition of electrical interface Saturn 1B launch vehicle ESE to Apollo spacecraft ESE. Effective on: AS-206(SA-206/LEM 1)	1966
19720075996	Apollo mission AS-204 compatibility analysis	1966
19720076005	EDS qualification test procedure for control-EDS rate gyros	1966
19720076006	EDS qualification test report for control-EDS rate gyros	1966
19720076009	Definition of Saturn 1B secure range safety command system decoder/LC-34 and LC-37 interface	1966
19720076010	Flight mechanics panel interface control document for the Apollo-Saturn 503 C' mission	1966
19720076012	S-1VB/CSM orbital attitude timeline and vent schedule for the AS-204	1966
19720076013	Definition of Saturn 1B secure range safety command system code plug/decoder interface	1966
19720076019	Design reference mission 2A, Apollo mission planning task force. Volume 2: Preflight operations	1966
19720076045	Infrared spectrophotometric analysis of nitrocellulose propellants for stabilizer and stabilizer degradation products	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076226	Controlling the attitude and attitude rate of the LEM with the gimballed descent propulsion system	1966
19720076227	Derivation of the optimum control program for steering the LEM using the gimballed descent engine	1966
19720076228	Some minor discrepancies between the performance of the AGC4 block 1 interpreter and its R-467 specifications	1966
19720076229	Supplement to SGA memo 5-66	1966
19720076230	A clear-perilune guidance scheme	1966
19720076231	Simulation of deorbit trajectory	1966
19720076232	TVC digital autopilot, Mod 0	1966
19720076233	The minimum fuel return problem	1966
19720076234	On varying the gain of cross-product steering laws to optimize short burn performance	1966
19720076235	The use of optimal linear control theory to suggest digital autopilot designs for the Apollo command and service module in powered flight	1966
19720076236	Gimbal lock avoidance schemes	1966
19720076237	A computer program for block diagram reduction	1966
19720076238	W matrix partial reinitialization	1966
19720076282	Mission AS-204/SC-012 design certification review cross reference of supporting documentation	1966
19720076297	AS 204 design certification review	1966
19720076310	An automated data processing system for the scheduling of Navy calibration test equipment	1966
19720076312	Heliostatic image stabilization system	1966
19720076320	Results of processing simulated doppler radar data for LM ascent with the Apollo powered flight data processor	1966
19720076322	Utilization of saturn vehicles for interplanetary missions	1966
19720076385	Mars probe entry from orbit	1966
19720076386	Mars atmospheric probe development plan	1966
19720076387	Mars atmospheric probe design studies	1966
19720076388	A study of manned planetary flyby missions based on Saturn/Apollo systems (three month briefing brochure)	1966
19720076441	Lunar orbit rendezvous reference trajectory data package. CSM error analysis for trajectory 4.1 ground-based navigation	1966
19720076676	XB-70 flight test flying qualities (U)	1966
19720076716	Thermophototropic temperature control coatings for the space environment	1966
19720076767	Chromaticity reference filters data manual, series 91/66	1966
19720076803	CSM/GSE interface control documentation	1966
19720076804	Solar wind spectrometer	1966
19720076816	End item specification, part 1 only. Performance/design requirements for Apollo mission simulators 2 (spacecraft 012)	1966
19720076820	End Item Specification, Part 1 Only, Performance/design Requirements for Apollo Mission Simulator 1, Spacecraft 012, Volume 1	1966
19720076831	Performance/design and acceptance requirements, Apollo spacecraft lunar excursion module adapter block 1 and block 2	1966
19720077172	Oriented noncontinuous fiber reinforcement for structural composites	1966
19720077348	Apollo/Saturn logistics support requirements plan	1966
19720077442	Design certification review: Briefing book	1966
19720077445	Spacecraft 012 mission AS-204A requirements and design analysis report, volume 2	1966
19720077447	Command service module system handbook	1966
19720077449	Customer acceptance readiness review, project Apollo CSM 014 (AS 205)	1966
19720077450	Customer acceptance readiness review, Project Apollo CSM 012, phase 2 report	1966
19720077452	Apollo mission trajectory control program	1966
19720077453	Apollo mission trajectory control program	1966
19720077472	Feasibility of modifying the S-4B stage as an injection stage for manned planetary flyby missions	1966
19720077474	Control moment gyroscope for astronaut stabilization and attitude control during extra-vehicular activities	1966
19720077476	Design certification review, launch vehicle report, GSE. Part 1: Apollo/Saturn mission 204	1966
19720077477	AS-204 design certification review launch vehicle report, S-4B stage, volume 3	1966
19720077488	Apollo mission trajectory control program	1966
19720077629	Apollo operational maintenance plan	1966
19720077635	Apollo mission trajectory control program	1966
19720077661	SA-204-GE-ESE design certification report: Visual aids	1966
19720077691	NASA Headquarters presentation at Massachusetts Institute of Technology/Instrumentation Laboratory	1966
19720077698	Gemini mission GT-9 orbital debris hazard evaluation	1966
19720077771	The Experimental Verification that a Controlled Ensemble of Sinusoids May Produce a Gaussian Distribution	1966
19720077917	Comparison of the oscillation frequencies for three reentry vehicles as determined by UHF radar signals (U)	1966
19720078100	Space Rescue and Escape in Manned Spaceflight Operations	1966
19720078735	Report on the experimental increase in power of Pluto reactor from 15 to 22.5 MW	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078844	AS-504 launch vehicle targeting objectives proposal	1966
19720078923	Flight test evaluation of report SGLS demonstration flight number 1	1966
19720079245	Computer systems survey	1966
19720079477	Low observable reentry vehicle flight test program, volume 1 (U)	1966
19720079478	Laser briefs (U)	1966
19720079479	Applied research for pyrotechnic threat signature generation techniques (U)	1966
19720079482	Minuteman flight test report (U)	1966
19720079483	NORAD COC equipment reliability/maintainability report (U)	1966
19720079972	Mariner Venus 67 project development plan	1966
19720079985	General end item test plan for ACE-S/C ground stations. Appendix J: MILA 4 (ground station 11)	1966
19720080267	Acoustical considerations for a silent weapon system: A feasibility study (U)	1966
19720080281	GE4/J5 bulletin data (U)	1966
19720080286	GE4/J5 internal cycle data for design point, transient, flight limiting and engine limiting operating conditions (U)	1966
19720080500	Studies of thermionic materials for space power applications	1966
19720080501	Studies of thermionic materials for space power applications	1966
19720080627	Armament indexing. Availability, maintainability, and reliability problem identification by exception techniques	1966
19720080693	Test and evaluation of capacitors, fixed, ceramic-dielectric, disk type for MIL-C-11015C styles CK60, CK61, CK62, and CK63	1966
19720080694	Test and evaluation of capacitors, fixed, ceramic-dielectric, disk type for MIL-C-11015C styles CK60, CK61, CK62, and CK63	1966
19720080768	Report of tests on fixed film resistor (RNR70C49R9FM and RNR70C1004FM)	1966
19720080787	Test and evaluation of capacitors, fixed, ceramic-dielectric, hermetically sealed, glass encased, low voltage tubular type, for Mil-C-11015C. General data sheets	1966
19720080788	Test and evaluation of capacitors, fixed, ceramic-dielectric, hermetically sealed, glass encased, low voltage tubular type, for Mil-C-11015C	1966
19720081038	No-Gimbal Inertial Guidance Symposium, volume 2	1966
19720081039	Strapdown inertial navigation system for aircraft	1966
19720081040	SIGN development: System design analysis and performance	1966
19720081041	Analysis of the effect of random vibrations on strapdown systems	1966
19720081042	Analytic platforms in cruising aircraft	1966
19720081043	LMSC independent development program on strapped down inertial guidance systems. Part 1: System design	1966
19720081044	LMSC independent development program on strapped down inertial guidance systems. Part 2: System analysis	1966
19720081045	A low-cost, wide-dynamic range, precision, no-gimbal development program	1966
19720081046	Laser rate gyro: Ring laser for strapdown applications	1966
19720081047	A free rotor gyro for strapdown application	1966
19720081048	Rate integral gyro	1966
19720081049	Laboratory testing of strapped down guidance systems	1966
19720081050	Strapped down system sled test: Sled test procedure for strapped down systems	1966
19720081051	Analysis philosophy for sled testing strapped-down guidance systems	1966
19720081052	Self-alignment and calibration of strapdown inertial systems	1966
19720081053	Alignment techniques for no-gimbal systems	1966
19720081067	Flying spot scanning computer digitization and color separation techniques	1966
19720081069	Experiment interface requirements document. Volume 3: Space environment	1966
19720081070	Cluster configuration compatibility analysis (preliminary), volume 1	1966
19720081072	Acceptance checkout equipment, spacecraft	1966
19720081098	Test and evaluation of switches, rotary, lever actuated: Raw data	1966
19720081099	Test and evaluation of switches, rotary, lever actuated	1966
19720081153	Test and evaluation of capacitors, fixed, ceramic-dielectric for MIL-C-11015C. Raw data	1966
19720081172	Research test of fuels, liquid hydrocarbons (evaluation of cetane improvers during low temperature engine operation)	1966
19720081194	Test and evaluation of switches, rotary circuit selector, miniature for MIL-S-37-86B. Original test data	1966
19720081195	Test and evaluation of telephone jacks for MIL-J-641B. Raw data	1966
19720081203	Test and evaluation of capacitors, miniature variable, air dielectric (trimmer) for Mil-C-92A, style CT16	1966
19720081204	Test evaluation of capacitors, miniature variable, air dielectric (trimmer) for Mil-C-92A, style CT16	1966
19720081205	Test and evaluation of capacitors, fixed, ceramic dielectric, disc type, style CK64, for Mil-C-11015C	1966
19720081206	Test and evaluation of capacitors, fixed, ceramic dielectric, disc type, style CK64, for Mil-C-11015C, general data sheets	1966
19720081207	Test and evaluation of capacitors, fixed, ceramic dielectric styles CK05 and CK06 of Mil-C-11015C. Supplement. Laboratory test data	1966
19720081208	Test and evaluation of capacitors, fixed, ceramic dielectric for Mil-C-11015C, and Department of Navy drawing RE48D582, rev. B, style CK51	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720081209	Test and evaluation of capacitors, fixed, ceramic dielectric for Mil-C-11015C, and Department of Navy drawing RE48D585, rev. B, style CK51. General data sheets	1966
19720081211	Test and evaluation of capacitors, fixed, polycarbonate dielectric hermetically sealed in metallic cases for Mil-C-19978B. Original test data	1966
19720081212	Knobs, multi-turn counters for Mil-Std-242 and Mil-K-3926A: General data sheets	1966
19720081215	Test and evaluation of capacitors, fixed, glass dielectric, type, for Mil-C-11272B	1966
19720081286	Design certification flight vehicle AS-204	1966
19720081295	Investigation of LEM trajectory and attitude constraints due to S-band steerable antenna limitations	1966
19720081297	Guidance program symbolic listing information for AS-202	1966
19720081330	Hydrodynamic journal bearing program	1966
19720081331	Hydrodynamic journal bearing program	1966
19720081332	Hydrodynamic journal bearing program	1966
19720081333	Potassium boiler development program	1966
19720081334	Electrical support equipment: Manpower financial status	1966
19720081336	Advanced refractory alloy corrosion loop program	1966
19720081338	Absolute and differential pressure transducer operation	1966
19720081339	Monthly progress report for period ending 1 October 1966	1966
19720081420	The use of the visual parameter tester	1966
19720081434	The use of the visual parameter tester	1966
19720081468	Test and evaluation of capacitors, fixed, ceramic dielectric styles CK05 and CK06 of Mil-C-11015C	1966
19720081472	Test and evaluation of resistors, variable wirebound trimmer, rectilinear for Mil-R-27208. Original test data	1966
19720081487	Test and evaluation of capacitors, fixed, nonsolid electrolytic tantalum: Uninsulated, style CL24 for Mil-C-3965C	1966
19720081498	Test and evaluation of resistors, fixed, metal film, precision miniature (for MIL-R-10509F). Raw data	1966
19730060765	RF radiation susceptibility retest of Apollo C14-354 pyrotechnic initiator checkout bridge set model PT56566, S/N 01-001 ATR 481041	1966
19730060771	Saturn IB/5 instrument unit instrumentation system description (S-IU-2-02 through 204/501 through 503)	1966
19730060776	Customer Acceptance Readiness Review Project Apollo CSM 012, Phase 1	1966
19730060779	Apollo command module/service module measurement requirements (spacecraft 012 and 014)	1966
19730060782	Thermal performance qualification test of the environmental control system Block 1 radiator system	1966
19730061022	Princeton advanced satellite study, volume 4	1966
19730061036	Mission modular data book, first block 1 manned mission	1966
19730061038	Mission modular data book; second block 1 manned mission	1966
19730061045	Apollo operations handbook. Command and service module (spacecraft 012)	1966
19730061055	Program plan for 109.7-inch LH2 tank design, fabrication, testing and delivery	1966
19730061070	Design Verification of the Net Couch-restraint System Developed by Weber Aircraft Company. Part 1: Single Couch Tests	1966
19730061106	Studies of thermionic materials for space power applications	1966
19730061107	Studies of thermionic materials for space power applications	1966
19730061128	The Ignition of Slot-Injected Gaseous Hydrogen in a Supersonic Air Stream	1966
19730061129	A Study of Personnel Propulsion Devices for Use in the Vicinity of the Moon	1966
19730061331	Studies of thermionic materials for space power applications	1966
19730061333	Comparative study of results obtained by analytical and experimental stress analysis for circular perforated plate	1966
19730061334	Analytical and experimental study of startup characteristics of a full-scale unfueled nuclear rocket core assembly	1966
19730061335	Aerodynamic characteristics of a maneuverable missile with cruiform wings and in-line canard surfaces at Mach numbers from 0.50 to 4.63	1966
19730061336	Investigation of the dynamic stability of two towed models of a flat-bottom lifting reentry configuration	1966
19730061337	Performance characteristics of an axial flow liquid-hydrogen pump during startup	1966
19730061339	Methods for reduction of fracture damage of projectile-impacted liquid-filled tanks	1966
19730061340	Effects of body camber on aerodynamic characteristics of a lifting entry vehicle model at Mach numbers from 2.30 to 4.62	1966
19730061341	Static longitudinal aerodynamic characteristics of a powered model of the Apollo launch-escape vehicle from Mach 0.50 to 1.30	1966
19730061348	Low-speed measurements of static and oscillatory lateral stability derivatives of a supersonic transport model with a highly swept wing	1966
19730061351	Exploratory tests for airplane stability and control effectiveness in a low density wind tunnel at Mach numbers of 3, 4.5, and 6	1966
19730061352	Low-speed Aerodynamic Characteristics of a Supersonic Transport Model with a Highly Swept, Twisted and Cambered, Fixed Wing	1966
19730061353	Longitudinal Aerodynamic Characteristics of Two Nose-Cone Models at Mach Numbers from 0.50 to 4.63	1966
19730061355	Casting and spraying techniques for fabricating field elastomeric ablation materials	1966
19730061356	Transonic longitudinal aerodynamic characteristics of a variable-sweep tactical fighter model with wing sweeps of 26 deg and 72.5 deg	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730061357	Comparison of measured and calculated turbulent heat transfer on the X-15 airplane at angles of attack up to 19.0 deg	1966
19730061359	Effect of several ring-tail configurations on longitudinal stability of a forward-reaction-control missile at Mach numbers of 1.50 and 2.16	1966
19730061360	Analytical evaluation of off-design performance of a multistage axial-flow liquid-hydrogen pump	1966
19730061362	Performance summary of a two-dimensional and an axisymmetric supersonic inlet system	1966
19730061363	Axial power distribution optimization in the tungsten water-moderated reactor	1966
19730061366	Parametric study of peripheral control effectiveness on large core rocket reactors	1966
19730061367	An investigation of some variables affecting and methods of inhibiting thermal-cyclic fuel losses from tungsten-uranium dioxide composites	1966
19730061368	Stress-strain characteristics of unfueled graphite fuel elements at room temperature	1966
19730061374	Stabilization of tungsten-uranium dioxide composites under thermal cycling conditions	1966
19730061716	Vehicle lunarization study, US Army M-274 'Mule' vehicle. Volume 2, part 1: Technical discussion	1966
19730061736	Experimental results and data analysis techniques of a hydrogen-fueled supersonic combustor	1966
19730061737	Fuel assembly design study for the Tungsten Water-Moderated Reactor (TWMR)	1966
19730061750	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulators	1966
19730061753	Tungsten water moderated reactor fuel support design analysis	1966
19730061755	Engine system analysis for TWMR nuclear rocket, volume 2	1966
19730061756	Tungsten-uranium dioxide cermet research and development activities	1966
19730061773	Vehicle lunarization study US Army M-274 Mule vehicle. Volume 2, part 2: Appendix	1966
19730061777	Tungsten nuclear rocket, phase 1, part 2	1966
19730062076	Electrically propelled cargo vehicle for sustained lunar supply operations. Topical report: Nuclear powerplant analysis	1966
19730062081	Tungsten nuclear rocket, phase 2, part 2	1966
19730062089	Research program for the development and evaluation of tungsten-uranium dioxide cermet fueled thermionic emitters and the investigation of mass transport mechanisms in vented thermionic emitters	1966
19730062090	Study of nuclear Brayton cycle power system. Volume 4: Topical report	1966
19730062092	Study of thermal gas-cooled reactor technology	1966
19730062093	Basic behavior and properties of W-UO2 cermets	1966
19730062094	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulators	1966
19730062096	Engine system analysis for TWMR nuclear rocket, volume 1	1966
19730062099	Development of nondestructive testing methods for NASA tungsten, water-moderated reactor fuels. Volume 1: Program summary	1966
19730062104	Study of nuclear Brayton cycle power system. Volume 3: Conceptual design	1966
19730062106	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulators	1966
19730062110	Development of tungsten-uranium dioxide cermet fuel plates: Fabrication by rolling or by pneumatic impactation	1966
19730062134	Studies of thermionic materials for space power applications	1966
19730062137	Determination of the resistance of tungsten-UO2 composites to cyclic thermal strains	1966
19730062153	Retention of fuel in tungsten-uranium dioxide fuel elements	1966
19730062451	Vehicle lunarization study US Army M-274 Mule vehicle. Volume 2, part 2: Appendix	1966
19730062467	Full length externally fueled thermionic converter	1966
19730062602	Apollo programming systems. Volume 1: Book - mission systems, AS-200 systems integration	1966
19730062625	Engine system analysis: Tungsten water moderated reactor	1966
19730062787	Optimization of constrained reentry orbits	1966
19730062790	Advanced planetary probe study. Appendix J: Radioisotope thermoelectric generator considerations	1966
19730062791	Spectrographic Determination of Trace Impurities in Tungsten-urania Mixtures Using Dc Arc Excitation in Argon	1966
19730062796	Brayton-cycle Radioisotope Heat Source Design Study: Phase 1 (conceptual Design) Report	1966
19730063275	Nimbus 2 users' guide	1966
19730063276	The Nimbus 2 data catalog. Volume 1: 15 May - 30 June 1966	1966
19730063277	The Nimbus 2 data catalog. Volume 2: 1 July - 31 July 1966	1966
19730063278	The Nimbus 2 data catalog. Volume 3: 1 August - 31 August 1966 (orbits 1035-1447)	1966
19730063279	The Nimbus 2 data catalog. Volume 4: 1 September - 30 September 1966 (orbits 1448-1846)	1966
19730063282	Nimbus 1 high resolution radiation data catalog and user's manual. Volume 2: Nimbus meteorological radiation tapes: HRIR	1966
19730063286	Reportable items under the new technology clause	1966
19730063315	The infrared determination of the degree of crystallinity of polyethylene crystallized from dilute solution	1966
19730063325	Proceedings of Third Conference on Spacecraft Coatings Development	1966
19730063348	The Calculation of Rocket Trajectories Using Range Data Only	1966
19730063581	Study of technological requirements common to a family of manned planetary missions	1966
19730063668	Physics and Space	1966
19730063823	Pavlovian typology: Comparative comments on the development of a scientific theme	1966
19730063911	Independent Flight Software Validation Test Results for Mission AS-204A	1966
19730064029	The anatomical locus of reinforcement	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730064148	Interplanetary monitoring platform: IMP 3 Explorer 28	1966
19730064181	Apollo command module/service module measurement requirements spacecraft 017 and 020	1966
19730064182	Apollo command module/service module measurement requirements spacecraft 008	1966
19730064184	Apollo mission AS-206A spacecraft reference trajectory. Volume 1: Trajectory description	1966
19730064314	Bibliography of remote sensing of resources	1966
19730064335	Block 2 lunar orbiter	1966
19730064342	User's manual for the High Ellipse Analytic Lunar Computer Program (HEALP): Preliminary version	1966
19730064696	Apollo spacecraft systems analysis program (ASPO). Unified S-band communication and ranging performance study	1966
19730064846	Development of a high temperature resistant mild detonating fuse -5	1966
19730064940	Magnetic force welding of tungsten-uranium dioxide composites	1966
19730064975	Po RTG Program Application Studies	1966
19730065295	Comparison of predicted and experimental operating characteristics of a nuclear-rocket-core assembly	1966
19730065466	SNAP-27, Volume 2	1966
19730065642	SNAP-27, Volume 1	1966
19730066487	User's manual for Lunar Satellite Analytic Erhemeris Generator (LSAEG) computer program	1966
19730066518	Users manual for the High Ellipse Analytic Lunar Computer Program (HEALP) (preliminary version)	1966
19730066521	Customer Acceptance Readiness Review Project Apollo CSM 012, Phase 1 Report	1966
19730066526	Mission AS-204/SC-012 design certification review	1966
19730066538	Apollo lunar landing mission midcourse maneuver procedures	1966
19730066544	Empirical simulation of the translunar injection burn	1966
19730066545	Apollo mission AS-204 spacecraft dispersion analysis, volume 2	1966
19730066562	Potassium boiler development program	1966
19730066644	Test and evaluation of capacitors, fixed, nonsolid electrolytic, tantalum: Uninsulated, style C124 for MIL-C-3965C. General data sheets	1966
19730066661	Self-contained electronics for navigational instruments	1966
19730066663	Computer aided analysis of integrated circuits	1966
19730066664	Transfer holding impregnation and encapsulation of small navigation systems parts	1966
19730066665	The fallacy of single point estimates in the calibration process	1966
19730066691	Analytical thermal compensation of fast reaction inertial navigation systems	1966
19730066706	Design consideration and techniques for horizontal drivers	1966
19730066707	Chemical vapor deposition of monocrystalline silicon on insulators	1966
19730066740	Saturn V AS-501 launch vehicle performance analysis, volume 2	1966
19730066783	Saturn S-2 derivatives	1966
19730066784	Program plan, flight hardware development and delivery for the lunar penetrometer system applicable to the Apollo program	1966
19730066876	Test and evaluation of capacitors, high voltage, fixed, mica-dielectric (non-metallic cases) for Mil-C-19978 and /or Mil-C-5: Original test data	1966
19730066878	test and evaluation of capacitors, fixed, glass-dielectric, for Mil-C-11272B. Raw data	1966
19730066879	Test and evaluation of capacitors, fixed, ceramic glass-dielectric, general purpose type, for Mil-C-11272B	1966
19730066880	Test and evaluation of capacitors, fixed, ceramic glass-dielectric, general purpose type, for Mil-C-11272B. Raw data	1966
19730066899	Reliability of integrated circuits by screening	1966
19730066965	Selection of plating systems for multilayer boards	1966
19730066967	Autonetics microminiature digital accelerometer	1966
19730066984	Automated interface coordination in system synthesis	1966
19730067006	Proposed output products for the headquarters components of the Naval Material Command, derived from the ADP system for the calibration scheduling of Navy test equipment	1966
19730067008	An analysis technique for computer simulation of switching circuit malfunctions	1966
19730067055	Integrated Mission Control Center operational requirements control document. Volume 2: Computer program requirements, book 1	1966
19730067056	Mission Control Center, Houston, operational requirements control document. Volume 2: Computer program requirements, book 4	1966
19730067057	Mission Control Center, Houston, operational requirements control document. Volume 2: Computer program requirements, book 5	1966
19730067071	Potential operational mishaps of large solid motors, volume 1	1966
19730067072	Potential operational mishaps of large solid motors, volume 2	1966
19730067146	Determination of O/U ratios in tungsten-UO2 products	1966
19730067148	The development of thermionic-isotope space power technology	1966
19730067202	Evaluation of computer self-test process by software simulation	1966
19730067227	Miniature digital accelerometer research	1966
19730067228	Aerospace frequency and time distribution system	1966
19730067229	Predicting burn-in time by computer analysis	1966
19730067246	D and PS semiannual historical summary, 1 January - 30 June 1966	1966
19730067439	Inertial system performance evaluation	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067515	S-1B stage. Volume 2: AS-204 design certification review launch vehicle report	1966
19730067517	MLV Saturn 1B vehicles improvement studies: Mid term review	1966
19730067525	Mission Control Center, Houston, operational requirements control document. Volume 2, book 2: Computer program requirements	1966
19730067526	Mission Control Center, Houston, operational requirements control document. Volume 2: Computer program requirements, book 3	1966
19730067527	Studies of thermionic materials for space power applications	1966
19730067529	Gas-side heat transfer experiments on scale-model nuclear nozzle with reactor-core simulators	1966
19730067599	Radioisotope thermoelectric generator and isotope heat sources for Brayton and Rankine cycles, supplement A	1966
19730067704	Second-generation microelectronics at Autonetics	1966
19730067705	A strapdown attitude reference for space vehicles	1966
19730067706	The estimation and evaluation of multilayer board reliability	1966
19730067707	Fixed point simulation of onboard orbit determination	1966
19730067708	Automated techniques for problems of configuration control	1966
19730067709	Reentry guidance by threshold network storage of precomputed optimum commands	1966
19730067794	Some uses of an infrared isometer in non-destructive testing	1966
19730067806	B-52C-F dynamic response and loads survey. Volume 2: Theoretical and experimental frequency response function comparisons	1966
19730067963	Princeton advanced satellite study	1966
19730068148	Engineering test (category 2) of resuscitator, field type model	1966
19730068189	Special study of test techniques for air conditioners	1966
19730068222	Training course on electro-interference solution applicable to microminiature circuit	1966
19730068527	Semiconductor films on insulators, devices and circuits	1966
19730068528	Pattern recognition preprocessing by similarity functionals	1966
19730068529	Estimation of covariance parameters for an adaptive Kalman filter	1966
19730068530	Estimation of the states of an inertial navigation system using optimum smoothing techniques	1966
19730068531	Computer generated fault isolation procedures	1966
19730068532	Numerical analysis of boundary layer problems in ordinary differential equations	1966
19730068533	Inertial sensor operation at very low temperatures	1966
19730068578	Effective visual criteria for welded interconnections	1966
19730068602	Special study of development of technique for measuring engine wear and oil deterioration of ground vehicles by spectrographic methods	1966
19730068754	Engineer design test (category 2) of litter device, helicopter hoisting operations	1966
19730068755	Testing facilities for extraterrestrial vehicles	1966
19730068756	Study of missile tracking instrumentation for short ranges (technical progress in testing Army items)	1966
19730068757	Initial production test of XM23 helicopter armament subsystem	1966
19730068772	The application of instrument system techniques to oceanographic measurements	1966
19730068773	Wet electronics	1966
19730068795	Precision digital accelerometers	1966
19730068834	Voltage transients for EMP evaluation	1966
19730069125	Saturn 1B AS-202 launch vehicle flight readiness review report	1966
19730069134	Research and development of microminiaturization techniques and circuitry and its adaptability to radar altimeters, phase 3	1966
19730069293	Factors influencing dielectric defects in silicon oxide layers	1966
19730069299	Measurement of inertial guidance material dimensional instability parameters using resistance strain gages	1966
19730069300	A new dimension in microelectronic systems	1966
19730069301	Component quality assurance programs	1966
19730069330	X-radiography for measuring plated silver	1966
19730069331	Applications of inertial navigation to deep submergence operations	1966
19730069332	Extended range underwater viewing systems	1966
19730069356	The management of computer aided circuit analysis	1966
19730069424	Gas phase etching of sapphire with sulfur fluorides	1966
19730069425	Silicon on sapphire thin film integrated circuits	1966
19730069512	Study of the transient radiation response of thin-film field effect transistors	1966
19730070002	Orbital workshop	1966
19730070007	Advanced refractory alloy corrosion loop program	1966
19730070009	Advanced refractory alloy corrosion loop program	1966
19730070010	Advanced refractory alloy corrosion loop program	1966
19730070038	Supplement to visual acquisition of surface targets from the air: An annotated bibliography (U)	1966
19730070039	TRAP reentry data report for WSMR test no. Athena 046 (U)	1966
19730070040	Variation of average wake velocity with altitude in Doppler radar measurements (U)	1966
19730070041	Investigation of reentry vehicle surface fields (U)	1966
19730070042	Radar reflector design and evaluation (U)	1966
19730070043	Minuteman flight test report (U)	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070044	High-survivability-aircraft design principles: A close-support-aircraft example design (U)	1966
19730070046	Space decoy study (U)	1966
19730070048	Minuteman flight test report (U)	1966
19730070051	Laboratory measurements of the rate and spectral distribution of the radiative combination of atomic oxygen and nitric oxide (U)	1966
19730070052	Advanced Design Array Radar (ADAR) component study, supplement (U)	1966
19730070053	Physicochemical property-structure relationships of glycolic esters (U)	1966
19730070054	Reentry data report WSMR 51 (U)	1966
19730070055	Minuteman flight test report (U)	1966
19730070056	Reentry data report WSMR test Athena no. 49 (U)	1966
19730070084	Multiprocessor organization for manned Mars mission	1966
19730070085	Integrated frequency compensation techniques for monolithic amplifiers	1966
19730070092	Executive program control for spaceborne multiprocessors	1966
19730070147	Predicting burn-in time by computer analysis	1966
19730070190	Chemical vapor deposition of single crystal metal oxides. 1: MGO on MGO	1966
19730070217	Scaling hypersonic flow fields. 1: General theory	1966
19730070402	Application of coherent optical transducers to optical real-time information processing	1966
19730070403	Some fundamental limitations on indirect testing of dynamic systems	1966
19730070404	Detecting races, hazards and oscillations in logical systems	1966
19730070405	Stellar inertial navigation applied to cruise vehicles	1966
19730070917	Saturn 1B/V instrument unit flight control computer(S-IV204 and S-IU-205)	1966
19730070919	Radiation Sources Associated with Apollo Spacecraft Operations	1966
19730070920	Spacecraft 012 mission AS-204A requirements and design analysis report, volume 1	1966
19730070971	Potassium boiler development program	1966
19730071031	Fabrication and test of a space power boiler feed electromagnetic pump	1966
19730071032	Advanced refractory alloy corrosion loop program	1966
19730071035	The effect of ablation products on gemini reentry communications	1966
19730071051	Geologic map of the Pisgah and Sunshine cone lava fields	1966
19730071086	Indexing transmission electron diffraction patterns for hexagonal close-packed materials	1966
19730071087	FOTOCATL, a catalog search and inventory control computer program	1966
19730071090	Electromagnetic compatibility predicting by transient voltage testing	1966
19730071100	Effect of ambient gases and vapors at low temperatures on solid state devices	1966
19730071102	An experimental investigation of radar target designation tracking	1966
19730071141	ADTC laser measurement report	1966
19730071143	Field experience with a microelectronic multimode radar	1966
19730071181	A new dimension in microelectronic systems applications of large silicon-on-sapphire and MOS arrays	1966
19730071182	Minuteman 2 weapon system self-test and operational status display techniques	1966
19730071186	Development of a digital hydraulic servo	1966
19730071187	Resistance strain gage techniques used in dimensional stability tests for inertial guidance systems	1966
19730071254	Digital simulation of non-linear electro-magnetic circuits	1966
19730071261	Autonetics aerospace ground equipment for Minuteman 2	1966
19730071357	Chemical vapor deposition of single crystal metal oxides. 2: Encapsulation of polycrystalline conductors in single crystal ferrite, 342	1966
19730071856	Design certification, flight vehicle AS-204	1966
19730071881	Electrical support equipment, Saturn 1B SA-204	1966
19730071884	NASA ARC/MSC lunar surface magnetometer for ALSEP, Volume 1	1966
19730071885	NASA ARC/MSC lunar surface magnetometer for ALSEP, Volume 2: Appendices	1966
19730071904	Influence of boost glide reentry vehicle environment on coated and bare refractory metals (U)	1966
19730071906	Design study and development of integrated circuit coding system (U)	1966
19730071908	Preflight azimuth alignment equipment (U)	1966
19730071910	TRAP reentry data report for WSMR test no. Athena 055, 056 and 058 (U)	1966
19730071911	Synthetic spectrum satellite observation program (U)	1966
19730071913	Minuteman flight test report (U)	1966
19730071914	Deleted record	1966
19730071972	Moire fringe precision angle transducer	1966
19730072179	The application of microelectronics to the Minuteman missile guidance and control computer	1966
19730072565	Cost improvement as a result of reliability efforts on Minuteman 2 integrated circuits	1966
19730072624	Space star tracking with solid-state photodetectors	1966
19730072625	Application of thermoelectric cooling to avionic system LRU's	1966
19730072719	The application of microelectronics in inertial navigation instruments	1966
19730072985	An introduction to space	1966
19730073012	Face bonding: The trend in microelectronics interconnection	1966
19730073337	Influence of surface roughness on heat transfer and pressure drop in turbulent flow. 3: Velocity and temperature distributions in an annulus with roughened inner surface	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073338	Influence of surface roughness on heat transfer and pressure drop in turbulent flow. 4: Transformation of the results to axial flow past roughened rods. 5: Simplified transformation methods. 6: Theoretical analysis of the data, economic aspects	1966
19730073400	Apollo extension system mission description, flight 507	1966
19730073481	An alternate approach to vector transformation in rotated coordinate systems	1966
19730073482	A cost-effectiveness evaluation methodology for avionics systems	1966
19730073810	Two-stage potassium test turbine	1966
19730073983	Management reports and automatic circuit analysis	1966
19730073984	The impact of microelectronics on the utilization and training of maintenance personnel	1966
19730074021	Initial production test of trailer, rocket transporter: 4 wheel, M329 A1E1, USA No. 7F7636, Serial No. DLF954802	1966
19730074293	Two-stage potassium test turbine	1966
19730074438	Computer analysis of nonlinear magnetic circuits	1966
19730074455	Chemical vapor growth of single crystal magnetic oxide films	1966
19730074456	Guidance and navigation requirements of a Mars lander	1966
19730074457	Automated plugboard wiring diagrams	1966
19730074595	Model 8414 low thrust throttleable engine performance evaluation program	1966
19730074600	Unified S-band communication and ranging performance study	1966
19730074601	Apollo spacecraft systems analysis program. ASPO Task 9A: Unified S-band communication and ranging performance study	1966
19730074639	Electroplating: Cornerstone of multilayer board fabrication	1966
19730074709	Ring laser gyro mode pushing and pulling effects	1966
19730075121	LSSM cost effectiveness study report. Preliminary development plan for baseline LSSM without vehicle communication and navigation. Volume 3, Book 2: Resources plan	1966
19730075122	LSSM cost effectiveness study report. Preliminary development plan for specified cost LSSM. Volume 5, book 1: Technical description	1966
19730075277	Moving Target Homing (MTH) radar technique	1966
19730075324	Physics of failure analysis for high reliability assessments	1966
19730075427	Subsonic aircraft synthesis. Volume 1: FX aircraft synthesis program	1966
19730075428	Subsonic aircraft synthesis. Volume 2: US(X) aircraft synthesis program	1966
19730075634	Projected sensor technology for ocean surface surveillance 1970-1980, volume 1 (U)	1966
19730075635	Projected sensor technology for ocean surface surveillance 1970-1980, volume 2 (U)	1966
19730075918	LSSM cost effectiveness study report. Preliminary development plan for baseline LSSM. Volume 2, book 1: Technical description	1966
19730075919	LSSM cost effectiveness study report. Preliminary development plan for baseline LSSM. Volume 2, book 2: Resources plan	1966
19730075920	Definition of experiment program in space operations, techniques and subsystems (Independent Manned Manipulator - IMM). Volume 2: Technical report	1966
19730075974	Packaging considerations for shielding electronic packages	1966
19730076205	Subsonic aircraft synthesis. Volume 3: Aircraft synthesis program CV660	1966
19730076501	Application of the iterative guidance mode to lunar orbit insertion	1966
19730076504	LSSM cost effectiveness study report preliminary development plan for reduced criteria baseline LSSM. Volume 4, book 1: Technical description	1966
19730076505	LSSM cost effectiveness study report preliminary development plan for reduced criteria baseline LSSM. Volume 4, book 2: Resources plan	1966
19730076506	LSSM cost effectiveness study report preliminary development plan for reduced criteria baseline LSSM. Volume 4, book 3: Independent effects	1966
19730077072	Self-heating and ignition in two component systems: Preliminary experimental study	1966
19730077073	Thermal explosion in the short cylinder with a general boundary condition	1966
19730077191	Enhancing the operational readiness of avionic systems	1966
19730077192	Investigation of methods for the detection of structural defects in silicon oxide layers	1966
19730077638	Interagency Chemical Rocket Propulsion Group 2nd Combustion Conference, volume 1	1966
19730077639	Review of ICRPG liquid propellant combustion instability working group activities during past years	1966
19730077640	Effort on combustion stability rating techniques at AFRPL	1966
19730077641	A review of the combustion dynamics aspects of the Gemini stability improvement program	1966
19730077642	Combustion stability investigation of the LEM ascent engine	1966
19730077643	Test results and analysis of pulse initiated oscillations in the UTC 8K engine	1966
19730077644	Nonlinear aspects of combustion instability in liquid propellant rocket motors	1966
19730077645	Response characteristics of combustion system processes to acoustic oscillations	1966
19730077646	The relevance of a characteristic time in combustion instability	1966
19730077647	Tutorial seminar paper on L and J combustion model	1966
19730077648	Theoretical aspects of the Crocco and Priem theories of liquid propellant rocket motor instability	1966
19730077649	Application of Crocco theory	1966
19730077650	Extension of the Priem Theory and its use in simulation of instability on the computer	1966
19730077651	A nonlinear model for prediction of liquid rocket engine instability	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077652	An engineering approach to combustion instability	1966
19730077653	Combustion instability studies using a gas rocket	1966
19730077654	High frequency combustion instability in liquid propellant rocket engines	1966
19730077655	Wave slope-gas dynamic interactions in liquid rockets	1966
19730077656	Steady-state rocket combustion models	1966
19730077657	Reaction kinetics of the hydrazine-nitrogen tetroxide propellant system	1966
19730077658	Finite amplitude combustion pressure oscillations	1966
19730077659	Shock induced heterogeneous detonations	1966
19730077660	An experimental investigation of LO ₂ /LH ₂ combustion stability characteristics at high chamber pressure	1966
19730077661	Liquid rocket engine combustion instability studies	1966
19730077662	Review and critique of Liquid Rocket Combustion 2d ICRPG Combustion Conference	1966
19730077663	Thermal decomposition and electrical resistance of ammonium perchlorate under high pressure	1966
19730077664	Metal ignition concepts for propellant applications	1966
19730077665	Aluminum combustion in composite propellants	1966
19730077666	Some factors affecting the combustion of aluminum in solid propellants	1966
19730077667	A study of aluminized composite propellant deflagration by means of an experimental analog technique	1966
19730077668	Further studies of composite propellant ingredients surface pyrolysis	1966
19730077669	Ignition and combustion characteristics of electrically-heated beryllium wire	1966
19730077670	The structure of metal diffusion flames	1966
19730077671	Recent studies of aluminum particle combustion at NOTS	1966
19730077672	A new experimental technique and new results on the mechanism of combustion and catalysis of double-base propellants	1966
19730077673	Gasification by sublimation, nucleate boiling and chemical attack in oxidizer deflagration waves	1966
19730077674	Two-dimensional experimental studies of the combustion zone of composite propellants	1966
19730077675	Further studies of ammonium perchlorate solid propellant deflag ion by means of the porous burner analog technique	1966
19730077676	Combustion mechanism studies	1966
19730077677	Effects of electrostatic fields on the combustion of solid propellants	1966
19730077678	Theory of ignition of solid propellants	1966
19730077679	Theory of ignition of solid propellants	1966
19730077680	Ignition and ignition propagation of a solid propellant in a flow environment	1966
19730077681	Ignition of ammonium perchlorate, composite propellants by high convective heat fluxes	1966
19730077682	Test methods for solid propellant rocket igniter development	1966
19730077683	A study of heat transfer characteristics of hot-gas ignition	1966
19730077684	Pressure and energy dependent ignition response of solid propellants	1966
19730077685	Heat transfer from pyrotechnic igniters	1966
19730077686	A program for pre-firing prediction of high frequency combustion instability in solid propellant rocket motors	1966
19730077687	Results in pressure-coupled instability	1966
19730077688	Measurement of acoustic pressure and velocity coupled response of solid propellants	1966
19730077689	The use of an O-burner to predict combustion instability solid rocket engines	1966
19730077690	Non-acoustic combustion instability	1966
19730077691	A theory of solid propellant extinguishment by pressure perturbation	1966
19730077692	Extinguishment of composite propellants by rapid depressurization	1966
19730077693	A technique for investigating low frequency velocity-coupled combustion instability	1966
19730077694	Intermediate frequency, axial mode combustion instability	1966
19730077695	Nonlinear behaviour of solid propellant rocket combustion instability	1966
19730077696	Nonlinear combustion stability limits for solid propellant motors including vortex flow effects	1966
19730077697	Longitudinal combustion instability: Some empirical results and related design considerations	1966
19730077698	Optical studies of longitudinal combustion instability	1966
19730077699	Gain mechanisms associated with finite amplitude axial mode instability in solid propellant rockets	1966
19730077700	Linear and nonlinear pressure coupled combustion instability	1966
19730077701	Energy loss mechanisms related to scaling of solid propellant rocket motors	1966
19730077702	Induced acoustic damping in solid propellant rocket motors	1966
19730077703	A study of the acoustic damping properties of solid rocket propellants	1966
19730077704	Acoustic attenuation experiments on subscale, cold flow rocket motors	1966
19730077705	The T-burner: An old vice overcome, a new vice discovered	1966
19730078166	Reliability through packaging design	1966
19730078197	Consideration in the design of a guidance and control system for advanced interplanetary missions	1966
19740072070	Apollo spacecraft: ASPO Task 18: LEM and CSM USB system RF tracking study	1966
19740072135	SNAP 19, Phase 3	1966
19740072136	SNAP 19, Phase 3	1966
19740072324	Comparison of the results of calculations done at different laboratories with each other and with experiments on the secondary proton and neutron spectra from protons at 140 and 160 MeV on nuclei	1966
19740072460	A method of predicting the optimum lunar landing area for a manned spacecraft	1966
19740072913	Second variational calculus of variations method	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740073160	Assembly/sterilizer facility feasibility program	1966
19740073194	The 260-in.-DIA motor feasibility demonstration program. Static test firing of Motor 260-SL-2	1966
19740073285	Mission training plan for Gemini 8 flight crew	1966
19740073286	Postlaunch report for Apollo mission A-004 (spacecraft 002)	1966
19740073333	NR-1 Design Status Meeting	1966
19740073334	Comparisons of experimental supersonic flow fields with results obtained by using a method of characteristics solution	1966
19740073473	Study on optical communication experimental facility	1966
19740074032	Trajectory studies for Saturn 5 circular synchronous orbits	1966
19740074359	Alleviation of Jet Aircraft Noise near Airports	1966
19740074386	Mechanical development for the AVI-122B static inverter	1966
19740074416	NERVA nuclear subsystem	1966
19740074425	NERVA nuclear subsystem	1966
19740074429	Determination of effects of metal oxide additions on the solubility of uranium in UO ₂	1966
19740074526	HF communications spacecraft-to-ground tests performed during Gemini 5 mission, supplement 7, part 1	1966
19740074527	UHF communications spacecraft-to-ground tests performed at the Bermuda tracking station during Gemini 5 mission	1966
19740074542	Detailed mission planning considerations and constraints	1966
19740074543	Performance of the Apollo guidance and navigation system during mission AS-202	1966
19740074551	Communication blackout regions for lunar returns using the AS-504 reentry guidance logic	1966
19740074685	Selection of radioisotopes for space power systems	1966
19740074783	Thermionic isotope space power technology development	1966
19740074998	The normative electroencephalographic data reference library	1966
19740075010	NASA support manual: Apollo spacecraft familiarization	1966
19740075039	Apollo spacecraft 011: Postlaunch report for mission AS-202	1966
19740075416	Simultaneous nonlinear estimation	1966
19740075588	Tungsten vapor deposition for reactor component fabrication	1966
19740076684	Orbiting Geophysical Observatories, 1, 2, and 3	1966
19740076685	Response to environment and radiation of an ionization chamber and matched geiger tube used on spacecraft	1966
19740076826	Instruments for the Stanford University/Stanford Research Institute VLF experiment (4917) on the EOGO satellite	1966
19740077282	Analytical study of some thermal stresses in a nuclear rocket fuel element	1966
19740077345	Detection, collection and study of microorganisms existing in the upper atmosphere	1966
19740077372	Inviscid analysis of the plume created by multiple rocket engines. Part 1: Theory and sample calculations	1966
19740077501	Development of high temperature nickel-base alloys for jet engine turbine rocket applications. Task 1: Concluding report	1966
19740077523	Chemistry of living systems	1966
19740077565	Flight crew launch abort mode selection charts for mission AS-204A	1966
19740077774	Chemistry of living systems	1966
19740077777	Chemistry of living systems	1966
19740077840	Shingle multilayer insulation for space vehicles using cryogenic fluids	1966
19740077896	The use of pathogen-free plants in a microcosm, part 2	1966
19740077897	The use of higher plants in a large microcosm. 1: The response of higher plants to high intensity light. 2: Growth of pathogen-free plants in a microcosm	1966
19740078320	Tiros 10 meteorological satellite system, volume 1	1966
19740078321	ESSA 1 (Tiros OT-3) meteorological satellite system, volume 1	1966
19740078332	The Tiros 9 meteorological satellite system (post-launch evaluation report)	1966
19740078343	The Tiros 8 meteorological satellite system: Post-launch evaluation report	1966
19740078552	Second annual report	1966
19740078575	Tiros 7 radiation data catalog and users' manual. Volume 4: 1 October 1964 - 19 June 1965	1966
19740078586	The Tiros 7 meteorological satellite system post-launch evaluation report	1966
19740078885	Study of Brayton-cycle powerplant for Manned Orbital Research Laboratory (MORL)	1966
19740078897	Preliminary error analysis of MSFN tracking data for AS-205	1966
19740078900	Spacecraft Operational Abort and Alternate Mission Studies for AS-204A. Volume 1: Abort Studies	1966
19740078901	Error analysis of MSFN tracking data for AS-206A	1966
19740078931	Generalized forces for Apollo spacecraft on Saturn 5 and Saturn 1B	1966
19740078973	OGO attitude computations	1966
19740079007	Study of cloud patterns as seen by meteorological satellites, phase 2	1966
19740079019	Aracon photogrammetric attitude system description	1966
19740079028	Investigation of Thermodynamic Mechanisms for the Production of Complex Compounds Essential for the Origin of Life	1966
19740079189	The general and comparative biology of terrestrial organisms under experimental stress conditions	1966
19740079517	Analytical investigation of turbine erosion phenomena. Volume 2: Fluid, dynamic and thermodynamic processes involved in turbine blade erosion	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740079518	Development of Controls for Time-Temperature Characteristics in Aluminum Weldments	1966
19740079890	APT, on board gridding system	1966
19740079911	Study of zero-gravity positive expulsion techniques. Design of welded bellows	1966
19740079919	Mission training plan for Gemini rendezvous and extravehicular missions (Gemini 10, 11, 12)	1966
19740080427	Aerospace nuclear safety materials properties handbook, volume 2	1966
19740080444	Lunar exploration program	1966
19740080479	Advantages of microelectronics in airborne radars	1966
19740080589	Silicon-on-sapphire batch fabrication of computer logic and memories	1966
19740080590	Avionics effectiveness analysis utilizing microelectronics	1966
19740080592	On the need for new launch vehicles	1966
19740080807	Nuclear-electric power systems (U)	1966
19740082366	Standard theoretical trajectory magnetic tape printout and position dispersion data for the improved Delta TOS-A spacecraft mission: Model DSV-3E	1966
19740082396	Apollo operational maintenance plan	1966
19740082889	Rocket exhaust studies (U)	1966
19740084625	ROVER flight safety program preliminary review. Volume 1: Safety analysis report. Evaluation of destruct and auxiliary thrust systems	1966
19740084635	Phoebus-2 nozzle development nuclear analysis	1966
19740084639	Westinghouse Astronuclear Laboratory contribution to the twenty-third high temperature fuel committee meeting	1966
19740084860	Defining circumlunar abort landing sites as a function of pericyynthion conditions	1966
19740085066	Apollo guidance software qualification test results: Summary mission AS-501	1966
19740085455	Specification for gas cleanliness requirements for operational gaseous nitrogen, helium, and hydrogen systems at Complex 39	1966
19740085460	Longitudinal oscillations of liquid-propelled launch vehicles (POGO)	1966
19740085950	Liquid dynamics in moving containers: New trends and recommendations for future research	1966
19740086166	Aviation officer survey 1966 report of findings	1966
19740086168	Reserve aviator survey, 1966 report of findings	1966
19740086656	An investigation of high energy storage concepts	1966
19740086680	Charts: Tiros-K study presentation	1966
19740087059	Meeting on Ground Wind Load Problems in Relation to Launch Vehicles	1966
19740087060	Highlights of ground-wind tests at Ames	1966
19740087061	Summary of Langley wind tunnel studies of ground wind loads on launch vehicles	1966
19740087062	Saturn 5 ground winds program	1966
19740087063	A full scale ground wind load program	1966
19740087064	Ground wind induced oscillations of the Titan 3 ITL transporter	1966
19740087065	Aerodynamic excitation of structure by wind: A review of recent work at NPL	1966
19740087066	Considerations and philosophy of ground winds criteria formulation	1966
19740087067	Ground wind measurements and anemometer response	1966
19740087068	Wind measurements using a vertical array of fast response anemometers	1966
19740087069	The relationship of wind structure to wind loading	1966
19740087070	Laboratory simulation of atmospheric motions in the lowest one-hundred meters	1966
19740087071	An approach to the wind tunnel modelling of the response of structures to the natural wind	1966
19740087072	Predictions and implications of the flow field parameter analysis of the wind induced oscillation problem	1966
19740087073	The Ames wind tunnel gust generator	1966
19740087074	Use of air injection in the simulation of atmospheric processes	1966
19740087075	Numerical solution of the equations of continuum motion: Vortex formation and shedding in a viscous compressible fluid	1966
19740087076	Some water table experiments on oscillating cylinders	1966
19740087077	Amplitude and surface pressure measurements for a circular cylinder in vortex-excited oscillation at subcritical Reynolds numbers	1966
19740087078	Fluctuating force measurements upon a circular cylinder at Reynolds numbers up to 5 times 10 ⁶	1966
19740087079	Experimental investigation of wind induced oscillation effects on cylinders in two-dimensional flow at high Reynolds numbers	1966
19740087080	Theory of the response of a slender vertical structure to a turbulent wind with shear	1966
19740087081	Effects of turbulence on vortex shedding from circular cylinders	1966
19740087082	Impulsive and accelerated flow about cylinders	1966
19740087083	Where do we go from here? The designer's viewpoint	1966
19740087808	Central Timing Equipment (CTE) block 2: Qualification	1966
19740088438	Carrier suitability evaluation of the F-4B/Royal jet 600 gallon modified tank configuration	1966
19750064242	An analysis of manned orbital laboratories for the early post Apollo period	1966
19750064250	Propulsion subsystem descent stage ambient helium purge	1966
19750064276	Mission training plan for Gemini 9 flight crew	1966
19750064543	Confined jet mixing in the entrance region of a tubular reactor	1966
19750064593	Instrumentation and electronic systems implementation for Gemini parasail retrorocket system	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750064598	Spacecraft 8 attitude control	1966
19750064600	Flight crew training plan for Apollo: Block 1 missions	1966
19750064605	Translunar injection tangency surfaces. An empirical mechanism for predicting free-return trajectory planes near outgoing perigee	1966
19750064606	AS-202 reentry guidance and navigation equations and flow logic	1966
19750064607	AS-201 spacecraft alternate mission and abort trajectory	1966
19750064614	Preliminary Delta V budget for a launch from the surface of Mars	1966
19750065090	Postlaunch report for mission AS-201 (Apollo spacecraft 009)	1966
19750065824	Abstract of results of Doppler tape data analysis phase of the orbital circularization techniques study	1966
19750065844	Static longitudinal characteristics of the Little Joe 2 - Apollo configuration at angles-of-attack up to 40 deg and at Mach numbers of 1.80 to 2.86	1966
19750065845	An explication of the (B, L) coordinate system	1966
19750065851	AS-204 reentry guidance and navigation equations and flow logic	1966
19750066546	The impact of space exploration on teacher education programs	1966
19750066663	Space thermal control using phase change	1966
19750066745	Asymmetrical stop zones in Jupiter's exosphere	1966
19750066878	D/S substitute propellant cold flow test	1966
19750066888	D/S dry leak check	1966
19750066889	RCS liquid flush	1966
19750066890	D/S pressurization and propellant feed system low pressure helium leak and proof pressure check	1966
19750066891	D/S propulsion subsystem, pressurization and propellant feed section, proof pressure test	1966
19750066893	General and almost general periodic function	1966
19750067563	Tiros reliability prediction study	1966
19750067641	Gemini Program Mission Report, Gemini 8	1966
19750067643	Gemini Program Mission Report, Gemini 6-A	1966
19750067647	Decametric radio pulses from Jupiter: Characteristics	1966
19750067656	The composition of the Baratta, Kapoeta, Mooresfort, and Ngawi meteorites	1966
19750067657	Chondrules and chondrites	1966
19750067663	Tiros OT-3 spacecraft handling plan	1966
19750067705	Alignment and calibration data for the TIROS OT-3 meteorological satellite	1966
19750067737	A series useful in the study of difference equations	1966
19750067744	Pyrolysis of vinyl and vinylidene fluoride polymers: Influence of prior gamma-irradiation	1966
19750067745	The mechanism of the depolymerization of polytetrafluoroethylene with pyrolytic and radiolytic initiation	1966
19750067746	The effect of gamma irradiation on a polyamide	1966
19750067752	The thermal degradation mechanism of polystyrene	1966
19750067853	Early orbit and attitude determination plan and prelaunch analysis for the satellite TIROS OT-3	1966
19750067861	NASA-GSFC operations summary for operational Tiros-2 OT-2	1966
19750067876	Tiros 10 attitude summary (orbits 1 - 870)	1966
19750067882	Tiros 9 attitude summary (orbits 0 - 2677)	1966
19750068363	Phosphates in iron and pallasite meteorites	1966
19750068365	Spectroscopic evidence for rotation-translation coupling in the liquid state: Infrared absorption of HD in liquid argon	1966
19750068368	The enstatite chondrites	1966
19750068717	Evidence for a possible correlation between the color indices of the quasi-stellar radio sources and redshift	1966
19750068725	Preliminary Design Study of a Lunar Local Scientific Survey Module (LSSM)	1966
19750068754	Steady state thermal analysis of XE-1 pressure vessel	1966
19750068813	Performance analysis of CFDTs and NRX/EST as related to the X-engine	1966
19750068970	CFDTs data analysis CY 1965 year end report	1966
19750068977	NES design demonstration test plan with temporary engine compartment	1966
19750068978	CFDTs performance analysis year end report	1966
19750069081	Guidance system operations plan AS-278. Volume 4: Error analysis	1966
19750069088	Guidance system operations plan AS-278. Volume 3: Control data	1966
19750069130	Summary design report for NRX/EST engine control system	1966
19750069172	Launch vehicle no. 7 flight evaluation	1966
19750069173	Launch vehicle no. 8 flight evaluation	1966
19750069201	The gamma function with varying difference interval	1966
19750069202	Fluorescence quantum efficiencies of octa-coordinated europium homogeneous and mixed chelates in organic solvents	1966
19750069203	Solvent and temperature effects on fluorescence emission of europium beta-diketonates	1966
19750069204	Derivative chronopotentiometry. Reversible and irreversible processes at mercury pool electrodes	1966
19750069209	PCM telemetry data compression study, phase 2	1966
19750069245	CSM configuration study for one year mission to be achieved by rendezvous and resupply	1966
19750069285	Thermal features at some Cascade volcanoes as observed by aerial infrared surveys	1966
19750069365	Uncoated nitronium perchlorate propellant development	1966
19750069375	Launch vehicle no. 6 flight evaluation	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750069404	PGNC system operations plan mission AS-206	1966
19750069430	Apollo applications program engineering tasks	1966
19750069776	Procedures manual for structural dynamics testing	1966
19750069896	ETS-1 facility data book, preliminary issue	1966
19750069915	Paper Q-6: Design and development of a test facility for the disposal of hydrogen at high flow rates	1966
19750070060	Space programs summary 37-41 volume 5 for the period 1 August - 30 September 1966. Supporting research and advanced development	1966
19750070061	Space programs summary no. 37-40, volume 5 for the period 1 April - 31 July 1966. Supporting research and advanced development	1966
19750070124	Procedures manual for structural dynamics testing	1966
19750070199	NERVA high temperature thermocouple insulator development	1966
19750070203	Phoebus-2 monthly progress report for the period of 1 April - 30 April 1966	1966
19750070546	E-MAD equipment standards handbook	1966
19750070573	Site test report for the NRX-A5 test series	1966
19750070575	X-engine TSA/UTS remote interface development	1966
19750070901	Hypersonic ramjet experiment project, phase 1: Preliminary design report. Volume 3: Appendix B, 28 May 1965 - 28 February 1966	1966
19750070902	Hypersonic ramjet experiment project, phase 1. Preliminary design report, volume 1, 28 May 1965 - 28 February 1966	1966
19750070922	Conceptual design study report	1966
19750070923	Preliminary Design Report - Hypersonic Ramjet Research Engine Project	1966
19750070924	Hypersonic ramjet experiment project, phase 1: Conceptual design study report. Volume 2: Appendix A, 28 May 1965 - 28 February 1966	1966
19750070925	Hypersonic ramjet experiment project, phase 1. Conceptual design study report, volume 1, 28 May 1965 - 28 February 1966	1966
19750070926	Conceptual design study report - hypersonic ramjet research engine project. Volume 2: Appendices	1966
19750070927	Conceptual design study report - hypersonic ramjet research engine project. Volume 1: Analyses	1966
19750070928	Hypersonic ramjet experiment project. Phase 1: Preliminary design report. Volume 2: Appendix A, 28 May 1965 - 28 February 1966	1966
19750070932	Apollo guidance and navigation notebook, volume 12	1966
19750070933	Apollo guidance and navigation notes, volume 13	1966
19750070934	Apollo guidance and navigation notes, volume 14	1966
19750071430	Conference on shock metamorphism of natural materials	1966
19750071432	Comment on the core conductor model	1966
19750071433	On the sun-earth travel time for geomagnetic disturbances	1966
19750071435	On the transverse momentum distribution of secondary particles from high-energy collisions	1966
19750071436	Hydromagnetic surface waves with alternating magnetic fields	1966
19750071439	The Anoka, Minnesota iron meteorite	1966
19750071440	Non-grey equilibrium temperature distributions for a portion of the Venus atmosphere	1966
19750071441	A pseudo-second-order extrapolation method for vector iterations	1966
19750071442	NMR studies of antibody-hapten interactions using a chloride ion probe	1966
19750071443	Computer simulated image reconstruction	1966
19750071444	The calculation of Mathieu functions by means of the Groebner lie series	1966
19750071447	Stable sub-optimal control problems	1966
19750071449	Spectrum of turbulence in a plasma with a strong magnetic field	1966
19750071521	Shielding Integrity Check (SIC) tests for the E-MAD facility, phase 2 and phase 2 addendum	1966
19750071552	Phoebus-2 proof test method, chemical simulation test plan, revised	1966
19750071560	Phoebus-2 monthly progress report for the period of 1 March - 31 March 1966	1966
19750071562	Phoebus-2 quarterly report for the period of 1 March 1966 - 31 May 1966	1966
19750071929	The electrical resistance of ternary plasmas	1966
19750071930	The effects of rotor deceleration on equilibrium sedimentation experiments	1966
19750071931	Forced oscillations in a plasma	1966
19750071932	An improved treatment of scattering resonances in slab geometry	1966
19750071933	A two-parameter homogeneous mean value	1966
19750071934	Quasars and radio galaxies	1966
19750071935	Cenozoic volcanism of the central Sierra Nevada, California	1966
19750071936	The production and propagation of plasmoids in a non-linear Alfvén wave	1966
19750071937	Studies on the color complex of copper oxaldihydrazide-acetaldehyde	1966
19750071938	A theory of the origin and nature of quasi-stellar radio sources and their evolution into radio galaxies	1966
19750071939	Tunnel diode low-level detection	1966
19750071940	Minimizing data-transfer error in FM analog tape re-recording	1966
19750071979	Uni-directional heat rejection RTG parametric study, Voyager Task C	1966
19750072006	Phoebus-2 quarterly report for the period of 1 December - 28 February 1966	1966
19750072489	Study for the attitude control of the H1(A) upper stage	1966
19750072503	Influence of the angular velocity limit on the guidance control circuit	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072558	Confirmation of the mathematical model for the fuel sloshing and structural vibrations used in the overall simulation	1966
19750072806	Sea water battery acceptance test criteria	1966
19750072807	Tolerance buildup in combining parts	1966
19750073032	Application of advanced fibrous reinforced composite materials to helicopter rotor blades	1966
19750073052	Experimental determination of heating rates and impingement pressure from Centaur retrorocket exhausts	1966
19750073062	Directory of standard geodetic and geophysical constants for Gemini and Apollo	1966
19750073290	Spacecraft operational abort and alternate mission studies for AS-204A. Volume 2: Alternate mission studies.	1966
19750073906	Susceptibility and vulnerability of the sergeant weapon system to nuclear effects (Blast)	1966
19750073908	F-4C Category II systems evaluation	1966
19750073937	Lattice measurements for U-233 production	1966
19750074924	A new route to fluoroalkyl-substituted aromatic compounds	1966
19750074925	Some aspects of the problem of designing new heat resistant fluids and elastomers: structures containing phenyleneperfluoroalkylene units	1966
19750074929	Apollo Program Development Plan	1966
19750075034	Delta-36 final field report: Operational Tiros-3 (OT-3)	1966
19750075035	Flight report for Delta vehicle SN 461/20 203/20206 Delta program-mission no. 37 spacecraft: TIROS OT-2	1966
19750075036	Delta-28 Tiros-1	1966
19750075037	Delta-36 TIROS OT-3	1966
19750075039	Delta-32 Tiros (OT-1)	1966
19750075680	Test report for EMC test of radio receiver set AN/ARN-30E	1966
19750075681	Test report for EMC tests of radio receiver set R-1041 A/ARN	1966
19750075682	Test report for EMC test of radio set AN/ARC-45	1966
19750075996	Test report for EMC test of direction finder set AM/ARN-59V	1966
19750076847	Research on advanced solid propellants	1966
19750076848	Investigation of the mechanism of solid propellant burn rate	1966
19750076849	Physico-chemical characterization of high energy storable propellants	1966
19750076855	High energy oxidizer stabilization studies	1966
19750076862	Effects of exit flow non uniformity on SCRAM air induction system performance determination	1966
19750076863	Apollo reliability and quality assurance program	1966
19750076866	An estimating relationship for fighter/interceptor avionics system procurement cost	1966
19750076868	Toroidal systems analysis	1966
19750076878	Presentation to ASD division advisory group, 14, 15 June 1966	1966
19750076880	Inhibited N2O4	1966
19750076883	Study for evaluation of plug multichamber configuration, phase 2	1966
19750076885	Study for evaluation of the plug multichamber configuration	1966
19750076887	Ignition studies	1966
19750076889	Inorganic halogen oxidizers	1966
19750076901	Pulsed energy deposition in metals	1966
19750076921	Advanced ramjet concepts	1966
19750076922	Earth orbiter activities during November 1966	1966
19750077013	An air droppable acoustic bathythermograph	1966
19750077295	Hydrostatic combustion seal demonstration feasibility program	1966
19750077304	F-111/TF30 Propulsion program review with Aeronautics Systems Division, division advisory group Pratt and Whitney aircraft briefing, 14 June 1966	1966
19750077308	Transmittal of advanced combustion chamber (toroid)	1966
19750077309	Surveillance of 5.25-inch rocket motor (weapon A) NOTS model 118E	1966
19750077310	Low-flame temperature gas generator propellants program	1966
19750077312	Development of high-temperature materials for rocket nozzles and associated structures	1966
19750077319	PRIME vehicle heat protection system	1966
19750077323	Liquid oxygen turbopump study	1966
19750077324	Surveillance evaluation of packaged liquid propellant rocket engines LR 58-RM-4 (liquid Bullpup A)	1966
19750077327	Reinforced propellants for naval applications	1966
19750077328	Physico-chemical characterization of high-energy storable propellants	1966
19750077329	Directional control medium antitank/assault weapon structural design for exploration development	1966
19750077332	Aerodynamic nozzle study, phase 3	1966
19750077334	Development of a Multistage Parachute System for the YF-12A and SR-71 Aircraft	1966
19750077335	Advance engine design study, bell (AEB)	1966
19750077336	Design, fabricate, and test breadboard liquid hydrogen pump	1966
19750077338	Advanced combustion chamber (toroid)	1966
19750077348	Research in fluorine chemistry	1966
19750077350	Engineering properties of rocket propellants	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077358	Some preliminary design approaches to the application of the supersonic combustion ramjet to the low altitude run-in problem	1966
19750077361	Interim results of LEM descent engine study	1966
19750077367	Extent of relict soils revealed by Gemini 4 photographs	1966
19750077368	Measurement of luminescence by the Fraunhofer line depth method	1966
19750077538	Ultraviolet reconnaissance techniques	1966
19750077539	Detailed plan and status report of United States Geological Survey research in remote sensing under the natural resources program. Supplement 1: Proposed programs, objectives, tasks and budget for FY 1966	1966
19750078109	Detailed plan and status report of United States Geological survey research in remote sensing under the natural resources space applications program. Supplement 1: Proposed programs, objectives, tasks and budget for fiscal year 1966	1966
19750078603	Dispersive multispectral scanning: A feasibility study	1966
19750078610	Chemical additives for electron suppression in rocket exhaust flames	1966
19750078615	An aircraft launch vehicle for military and scientific space mission?	1966
19750078688	Titan 2 launch evaluation report	1966
19750078689	Space decoy study	1966
19760065059	Effect of helium gas injection on F-1 engine performance	1966
19760065192	Types of information stored in single neurons	1966
19760065193	A method of synthesising radiation patterns with axial symmetry	1966
19760065194	A thin load cell for dynamic studies of the CSIRO 210 ft radio telescope	1966
19760065195	Elements of space biology: An experimental approach to the basic biology of stress	1966
19760065196	Electronic structure of the liquid alkali metals and their alloys	1966
19760065199	Recursion relations for Coulomb and harmonic oscillator matrix elements	1966
19760065227	Hypersonic ramjet experiment project. Phase 1: Conceptual design study report. Volume 3: Appendix B	1966
19760065228	Preliminary design report hypersonic ramjet research engine project. Volume 2: Appendixes	1966
19760065284	Radiation effects on shear strength of several alloys in a liquid hydrogen environment	1966
19760065334	RTG parametric study: Report for the RTG study, Voyager task C	1966
19760065335	Baseline configuration selection, Voyager task C	1966
19760065336	Spacecraft radiation mapping, Voyager task C	1966
19760065355	NES design demonstration test plan	1966
19760065855	On the sp-2 configuration and series perturbations in the first spectrum of indium (In I)	1966
19760065862	The distortion approximation in scattering theory	1966
19760065863	A hydrodynamic approach to the behavior of an antenna in a warm plasma	1966
19760065866	Implications of the Luna 9 pictures	1966
19760065867	The instability of transverse waves in a relativistic plasma	1966
19760065869	Review of inflatable-rigidized solar energy concentrator technology	1966
19760065872	A summary of research on microwave propagation over optical paths	1966
19760065873	Attenuation of longitudinal sound waves in potassium in an oblique magnetic field	1966
19760065875	Differential nucleic and metabolism of planarial segments	1966
19760065876	Qualitative theory of differential equations and structural stability	1966
19760065877	Further observations of extremely cool stars	1966
19760065878	Photoinhibition of chloroplast reactions. 2: Multiple effects	1966
19760065879	An electron paramagnetic resonance study of surface defects on magnesium oxide	1966
19760065880	The neutron capture cross section of the tungsten isotopes from 0.01 to 10 electron volts	1966
19760065881	Discriminating among states of consciousness by EEG measurements: A study of four subjects	1966
19760065882	Ambiguities in the data from tilted, spinning fluxgate magnetometers: Application to IMP-1	1966
19760065884	Radial pulsations and hydrostatic instability: The linear star model	1966
19760065885	The ultraviolet dwarfs: A new class of degenerate stars	1966
19760065887	Some problems of thin circular cylindrical shells. 1: The equations	1966
19760065889	Charge control for silver cadmium and silver zinc cells	1966
19760065890	Segmented lead telluride: Silicon germanium thermoelements	1966
19760065891	Preliminary examination of particles collected by the luster sounding rocket experiment	1966
19760065892	The theory of rotation for Venus	1966
19760065893	A variational method for the ground state of liquid He4	1966
19760065894	The transformation matrix of a Gimballess navigation system	1966
19760065895	The adaptive prediction of time series	1966
19760065896	Cross section for the reaction He(2S-3) plus He(2S-3)	1966
19760065897	Charge exchange cross-sections for H(+) and H2(+) ions	1966
19760065898	On second order perturbation energies and hypervirial relations	1966
19760065899	Radiative charge transfer between He(+) and N2	1966
19760065900	Rare earths and three genetic types of basalts of Japan	1966
19760065901	Spin-orbit splitting of the gamma exciton in MgO	1966
19760065903	On graphs with minimum elongation diameter, addendum	1966
19760065904	An ideal topology for general binary systems	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760065905	A hybrid Saha-equation for recombining high pressure plasmas in which T_e equals to T_g	1966
19760065906	Non-thermal radio-noise from interstellar graphite grains	1966
19760065908	The flow creating a laboratory tornado	1966
19760065909	Lunar orbiter: Tracking data indicates interesting gravitational field properties	1966
19760065910	Paramagnetism in the ionosphere	1966
19760065911	Non-resonant relativistic intermolecular forces	1966
19760065913	V/STOL aircraft: Their potential use in future regional health programs in Appalachia	1966
19760065914	On metrization and discrete collections of point sets	1966
19760065915	The incremental redshift-magnitude relation and observational data	1966
19760065933	MA-5 Flox sustainer engine feasibility test program	1966
19760066189	Cross sections and complex phase shifts for the scattering of protons from C12 at the 8.20 MeV and 9.14 MeV anomalies	1966
19760066192	NERVA materials developments	1966
19760066193	NERVA materials development, third quarter, contract year 1966 (1 April - 31 July)	1966
19760066195	Lower thrust structure S/N 000012 structural test evaluation	1966
19760066539	Cesium molecular-ion formation by collision of two excited atoms	1966
19760066541	A polarizer for the vacuum ultraviolet	1966
19760066957	Ring current effects on trapped particles	1966
19760067302	Description of an augmented LM and comparison with the AAP shelter/taxi approach	1966
19760067304	Apollo guidance, navigation and control: Guidance and navigation system operations plan Apollo mission 202	1966
19760067757	G and N system operations plan mission AS-204A/205, volume 2	1966
19760067849	Hypersonic ramjet experiment project. Phase 1, Appendix C: Preliminary design drawings, Volume 4	1966
19760067915	Quarterly progress report no. 37 for first quarter, CY 1966 covering the period of October - December 1965	1966
19760067949	NERVA source term estimates	1966
19760067967	NERVA engine development program plan. Volume 5, book 2: Component design and acceptance criteria	1966
19760067968	NRX/EST data analysis report, book 4, supplement	1966
19760068499	Saturn V model base heating test analysis (S-IC stage), volume 1	1966
19760068500	Saturn V model base heating test analysis (S-IC stage), volume 2	1966
19760068566	NERVA program status review, Sacramento, 3-5 May 1966, volume 1	1966
19760068571	NERVA program status review, Sacramento, 3-5 May 1966, volume 3	1966
19760068580	Research and technology implications report, Saturn-RIPS study	1966
19760068585	NRX-A5 performance-analysis data book	1966
19760068588	XE engine systems analysis design data book	1966
19760068589	Common analog model for NRX/EST	1966
19760068863	Interfacial reactions in metal-metal and ceramic-metal fiber composites	1966
19760068874	Optimal algorithmic encoding schemes for information sources	1966
19760068878	The use of capacitance gauge sensors to make precision mechanical property measurements	1966
19760068879	Strength sintered specimens containing hollow glass microspheres	1966
19760068880	The temporal distribution of components in multiple and chained fixed-ratio schedules	1966
19760068881	The ionization of gases by focused laser radiation	1966
19760068882	Note on a microwave method for the determination of minor constituents in planetary atmos	1966
19760068885	A novel integrator	1966
19760068886	Sintering of silver oxide (1) powder at 173 C	1966
19760068887	A wideband traveling-wave maser	1966
19760068888	Isospin mixing in deuteron reactions	1966
19760068889	The existence of hyperbolic excitons	1966
19760068926	Minutes of First Instrumentation Review meet March 1966	1966
19760068928	Review of NERVA counter-measure systems and concepts	1966
19760068933	Evaluation NRX-A3 post-test flexure strengths	1966
19760068934	Experimental results of the NRX-A5 single seal program	1966
19760069219	The resistivity of calcium, strontium and barium under pressure	1966
19760069316	PCV-41 pressure control system. Experimental checkout and subsequent analysis	1966
19760069317	Digital programs for obtaining the system frequency responses from time responses for impulse, step or arbitrary inputs	1966
19760069328	Review of NERVA flight safety sources term information	1966
19760069329	Notes of monthly development test program review meeting held with SNPO at WANL on 30 March 1966	1966
19760069330	WANEF critical experiments in support of NERVA	1966
19760069331	Fuel element bore weight loss code and its application to the NERVA core design	1966
19760069356	SNRE small nuclear rocket engine for unmanned space probe missions	1966
19760069380	Single cluster corrosion test summary	1966
19760069394	NRX-A5 chemical and radio-chemical measurements report	1966
19760069403	NR-1 thermal, fluid flow, nuclear and radiation design	1966
19760069412	NERVA contract SNP-1 work statement for period 1 October 1965 - 30 September 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760069720	Thermal analysis of high temperature fuel element corrosion tests	1966
19760069727	NRX/EST leak measurement system performance analysis	1966
19760069738	Critical experiments in support of NERVA	1966
19760069747	The experimental investigation of fission product diffusion	1966
19760069756	Small nuclear engine	1966
19760069772	NERVA engine development program plan. Volume 2: Technical discussion	1966
19760069782	X-E performance analysis status report	1966
19760069817	Quarterly progress report no. 38 for second quarter, CY 1966 covering the period of January - March 1966	1966
19760069819	Chronology and time events collation. NRX/EST test series experimental plan 4	1966
19760069823	SNPO XE review	1966
19760071100	Earth resource surveys from spacecraft, Volume 1	1966
19760071101	Earth resource surveys from spacecraft, Volume 2	1966
19760071260	Little Joe 2 test launch vehicle NASA Project Apollo. Volume 1: Management	1966
19760071377	Reactor experimentation and the Packard-Bell computer	1966
19760071842	Survey of potential shield materials	1966
19760072336	Critically hazards control procedure	1966
19760072348	Preliminary spacecraft thermal integration analysis	1966
19760072626	Wear studies and investigations on slip-rings and gas bearing components	1966
19760072648	Electronic data processing for facilities maintenance	1966
19760072721	NERVA materials developments	1966
19760072727	NERVA nuclear self destruct safety countermeasure	1966
19760072729	Measurement of fission product loss during NRX-A5	1966
19760072731	NRX reactor design presentation	1966
19760072733	Engineering mechanics laboratory testing of core support block	1966
19760072734	HHT-7 test report no. 2	1966
19760072735	NR-1 sizing parameter study	1966
19760072736	Friction and wear tests of NRX-A5 core periphery components	1966
19760073124	Fifty years of flight research: A chronology of the Langley Research Center, 1917-1966	1966
19760073407	Final Gemini VIII Flight Plan	1966
19760073679	Analysis of the need for Agena command destruct and/or generator eject systems on the Nimbus B/SNAP-19 mission	1966
19760074803	Pressurizing device	1966
19760074812	Flight loads for vehicle F5 during first stage burning	1966
19760074826	ELDO initial program. The use of a launcher to place a satellite in geostationary orbit: Advance project of a transfer and injection system (TIS)	1966
19760074851	Simulation of the third stage on an analog computer	1966
19760074877	Determination of the properties of a sensor for angles of incidence and sidewash for ELDO-A firings	1966
19760074950	ELDO B: Nose fairing heating analysis	1966
19760074951	Cora stability in the presence of sloshing mode of the German stage	1966
19760075008	Prospects of using radio-isotopes in space	1966
19760075050	Simplified procedure for placement on a twenty-four hour orbit by a transfer and injection system spb Sponsored by ELDO	1966
19760075158	The optimisation of the ELDO-B2 launcher	1966
19760075231	Principal task B3: Oxygen-hydrogen engine	1966
19760075398	Component failure rates and procedure for predicting the reliability of electronic equipment	1966
19760075518	ELDO destruct system qualification program	1966
19760075532	ELDO A/SP test satellite study	1966
19760075556	Perigee Stage	1966
19760075595	Project definition of the H1(A) upper stage	1966
19760075626	A hybrid method for system simulation, possibilities and limits	1966
19760075660	ELDO A apogee stage. Part 1: Technical section	1966
19760075661	ELDO A apogee Stage. Part 2: Planning and finance section	1966
19760075662	ELDO A apogee stage. Annex 2: Study of the structure	1966
19760075663	ELDO A apogee stage. Annex 3: Attitude control and orbital corrections	1966
19760075664	ELDO A apogee stage. Annex 4: Electronic attitude control subsystem	1966
19760075665	ELDO A apogee stage: Annex 5: Power supply and housekeeping	1966
19760075673	Preliminary study of ELDO-B satellite launching vehicles. Part 3: Guidance system proposals	1966
19760075674	Preliminary study of ELDO-B satellite launching vehicles. Part 4: Research and development	1966
19760075694	ELDO-B heat shields. Industrial studies: Payload aerodynamic protection	1966
19760075706	Comparison of the stage configurations I and S, phase 1	1966
19760075767	Calculated lateral bending modes of F4 vehicle in flight	1966
19760075840	Inertial guidance for ELDO-A	1966
19760075842	The G1/G4 project studies on radio guidance and tracking stations. Part 1: Summary	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075843	The G1/G4 project studies on radio guidance and tracking stations. Part 2: Radio guidance and tracking station requirements	1966
19760075844	The G1/G4 project studies on radio guidance and tracking stations. Part 3/A: Introduction to synthesis of radio guidance and tracking stations	1966
19760075845	The G1/G4 project studies on radio guidance and tracking stations. Part 4: Radio guidance and tracking station sites of interest to ELDO	1966
19760075851	Control of Coralie guidance	1966
19760075865	Working basis for the simulation of the ARPU	1966
19760075909	ELDO-B launch vehicle. H1 stage industrial study: Intertank diaphragm optimization	1966
19760075910	ELDO-B launch vehicle. H1 stage industrial study, additional study to the dimensioning of the structure. Volume 1: Text	1966
19760075911	ELDO-B launch vehicle. H1 stage industrial study, additional study to the dimensioning of the structure: Volume 2: Annex	1966
19760075957	Numerical computations for non equilibrium H2-O2 rocket nozzle flow	1966
19760076049	Operating principles of super insulations	1966
19760076074	Chemical and physical analyses of the hydrazine (HZ) and AeroZINE (AZ) propellants	1966
19760076076	Chemical and physical analyses of the hydrazine (HZ) and AeroZINE (AZ) propellants	1966
19760076087	Considerations on the transmission of a frequency modulated composite telemetry signal with PCM and FM	1966
19760076089	Computations on attenuation and phase shift of electromagnetic waves in the exhaust gas jet of the ELDO-A third stage	1966
19760076090	Low level commutation	1966
19760076236	ELDO-B launch vehicle. H1 stage, industrial study: Dimensioning of the structure (text)	1966
19760076237	ELDO-B launch vehicle. H1 stage, industrial study: Dimensioning of the structure. Annex 1: Diagrams 1	1966
19760076238	ELDO-B launch vehicle. H1 stage, industrial study: Dimensioning of the structure. Annex 2: Diagrams 2	1966
19760076325	ELDO initial program: Study TD/B11, phase 1, April 1966, volume 1	1966
19760076326	ELDO initial program: Study TD/B11, phase 1, April 1966, volume 2	1966
19760076334	ELDO-A launching complex in French Guiana. Launching area: Volume 1	1966
19760076335	ELDO-A launching complex in French Guiana. Launching area: Volume 2	1966
19760076338	Project study report to ELDO AS21: Integration of telemetry and check-out	1966
19760076339	Project study to CNES part L3 (phase 2). ELDO-A launching site in French Guiana: Instrumentation in the launching area	1966
19760076367	Injection into geostationary orbit with the ELDO-A launch vehicle	1966
19760076373	Proposals for the improvement of ELDO-A launcher second stage (phase 1 study)	1966
19760076377	Development and qualification of the ELDO-A nose fairings	1966
19760076388	Heating of the rear and middle skirts of the German stage	1966
19760076447	The effects of transient behavior of the third stage on the guidance program and accuracy of injection	1966
19760076456	Placement into geostationary orbit by the ELDO PAS launcher of a European communication satellite: Prestudy of the trajectography, telemetry, guidance, orbital control and communications integrated function and instrumentation proposals (ground equipment)	1966
19760076470	ELDO PAS program. Test satellite: Configuration study	1966
19760079956	A piloted simulator study of the take-off manoeuvre of a large aircraft with and without a take-off director	1966
19760080847	Motorola MECL series CML digital integrated circuits	1966
19760080875	Fairchild micrometers A709C operational amplifier	1966
19760080883	Texas instruments series 74; TTL digital integrated circuits	1966
19760081193	Interagency Chemical Rocket Propulsion Group. Hazards Working Group 2nd Meeting Bulletin	1966
19760081533	OHD technical support program	1966
19760081534	OHD technical support program	1966
19760081535	OHD technical support program	1966
19760081536	OHD technical support program	1966
19760081894	Summary reports of earth orbiter activities conducted within the Geological Survey During the month of October 1966	1966
19760081898	Monthly and quarterly reports on USGA-NASA cooperative studies under the earth resources survey program	1966
19760082292	Mission-life Tests for 638E Signal Conditioning Equipment, Ser. No. 026720060012, Volume 2	1966
19760082829	Sylvania SHUL-2 series TTL digital integrated circuits	1966
19760085512	Brayton cycle rotating unit and research hardware, volume 1	1966
19760085622	Performance of Project PRESS airborne optics control subsystem	1966
19760085652	Cushion fan blades on SKMR-1	1966
19760085958	Application of advanced fibrous reinforced composite materials to airframe structures. Volume 3: Component development and evaluation	1966
19760086180	ARPA Long-range Tracking And Instrumentation Radar (ALTAIR)	1966
19760086734	Range safety trajectory and dispersion information for project prime, SLV-3/SV-5D program start	1966
19770069648	On Bratton's conjecture and a theorem of Luce	1966
19770071213	The melting curve of five gases to 30 kb	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770071504	Research and technology program digest, FY 1966	1966
19770071874	Plan for Unit Load Tests of LTA-3 and CM 2S-1 (Docked Configuration)	1966
19770071879	LEM optical rendezvous subsystem program review	1966
19770072718	Ablation of cork insulation on Apollo due to RCS plume heating	1966
19770072720	Plume-surface interaction analysis	1966
19770072809	On the analysis of shallow shells under local transverse loading	1966
19770072846	Communication through reentry plasma	1966
19770072849	Extravehicular maneuvering in space: A: Investigation of a simplified maneuvering techniques. B: Jet shoe extravehicular activity device	1966
19770072851	Advanced air-breathing engine technology-materials: A review of contracts	1966
19770072856	Radiative shock structure: Theory and observations	1966
19770072857	NASA space science data center catalog of correlative data	1966
19770072858	Vibration isolation mount	1966
19770072859	Recrystallized barium titanate dielectric	1966
19770072860	Dynamic modulus of stabilized zirconia	1966
19770072861	The geology of the moon: A brief summary	1966
19770072864	A study of parameters affecting the maximum voltage capabilities of shielded negative dielectric junction vacuum insulators	1966
19770072865	Boundary layer studies in rarefied plasma flows	1966
19770072866	Heat transfer for water in the entrance region of tubes with various unheated lengths	1966
19770072867	Stability of a long bubble in a pipe	1966
19770072868	Effects of X-ray on spingomyelin and precursors	1966
19770072870	A mathematical contribution to system identification with applications to Dolphin temperature regulation and intraocular pressure control	1966
19770072879	A low-frequency plasma probe to measure conductivity	1966
19770072880	A chemical approach to the problem of the origin of life	1966
19770072881	Chemical reactivity of hydrogen, nitrogen and oxygen atoms at temperatures below 100 K	1966
19770072882	Study in cometary astrophysics	1966
19770072889	Application of many-body theory to the problem of spectral line shapes	1966
19770072898	Exploding spheres of dust	1966
19770072901	Narrow band pass crystal filters out perform phase-locked loop	1966
19770072902	Anisotropy of collision-free paths in an inhomogeneous gas	1966
19770072912	Sources of energy for the ocean circulation and a theory of the mixed layer	1966
19770072913	Part 2: Effects of aerobic work performed during recovery from exhausting work	1966
19770072915	Book review of Handbook of Geophysics and space environments	1966
19770072916	Boundary-layer phenomena observed on the ablated surfaces of cones recovered after flights at speeds up to 7 km/sec	1966
19770072923	A summary of experimental research on microwave propagation over optical paths	1966
19770072927	Collisional excitation of electronic levels in C2 and C3	1966
19770072936	The forced response of continuous quasilinear	1966
19770072940	Metallic particles in selected silicate meteorites	1966
19770072942	Uses of ionizing radiation in experimental neuropathology	1966
19770072943	Nerve disturbances following exposure to ionizing radiation	1966
19770072947	Copper replacement of magnesium in the chlorophyllis and bacteriochlorophyll	1966
19770072948	Turbulent wave driven diffusion in plasmas	1966
19770072949	Anomalous behavior of optical homodyne systems	1966
19770072950	A low frequency plasma probe to measure conductivity	1966
19770072951	A modified Chapman-Enskog procedure for higher order transport phenomena in plasmas	1966
19770072952	Celestial mechanics	1966
19770072953	Water immersion reduced gravity simulation	1966
19770072954	A plea for clarity of terms	1966
19770072955	Notes on various formulations of the problem of optimal control	1966
19770072956	Ball bearings for space application	1966
19770072957	Electron microscopy of coesite-bearing quartz inclusion in tektite from Phaeng Dang, Thailand	1966
19770072958	Firefly (plotinus pyralis) luciferase	1966
19770072959	Distribution of cyclic nucleotide phosphodiesterase, 5'-nucleotidase, and ATPase activity in various tissues of the rat	1966
19770072960	A helmholtz Theorem for spinors	1966
19770072961	Using the solar wind to detect electrical activity of the moon and its internal structure	1966
19770072962	Multiple midcourse maneuvers in interplanetary guidance	1966
19770072963	Optical light pipe for Zeeman absorption spectroscopy using superconducting solenoid or bitter type magnet	1966
19770072964	TIROS VII monthly maps of emitted radiation in the 8-12 micron atmospheric window	1966
19770072965	The electron microprobe - Book review	1966
19770072966	Radiation damage produced in thick copper and gold specimens by low energy protons	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770072971	Microbiological burden in the surfaces of Explorer 33 spacecraft	1966
19770072972	Synthesis and properties of polyimidazopyrolones	1966
19770072973	Effects of combined buoyancy and shear on weak homogeneous turbulence	1966
19770072986	Equilibrium figure of the earth and the scientific reference surface	1966
19770072989	Genesis of an alkali olivine basalt (Germany) as inferred from lanthanide abundances	1966
19770073004	The assay of the carboxylative phase enzymes from Thiobacillus Thioparus and Spinacea Ocleracea	1966
19770073019	An investigation of ionic cross relaxation by a quantum electronics technique	1966
19770073020	On shrinking arcs in metric spaces	1966
19770073426	A microelectron data system for wind-tunnel research	1966
19770073427	Design, development, and utilization of a general purpose airborne simulator	1966
19770073439	Modifications to interim visual spaceflight simulator	1966
19770073449	NASA tracking networks	1966
19770073450	Optical satellite-tracking program	1966
19770073451	Spacecraft sterilization requirements	1966
19770073453	Electric propulsion, 1965	1966
19770073454	Disposal of nuclear rocket engines in space	1966
19770073455	An experimental evaluation of mercury bombardment thrusters at sub-millipound thrust levels	1966
19770073456	Failure analysis of a high mass fraction solid propellant rocket motor	1966
19770073465	Preliminary investigation of the dynamic oxidation of JT graphite composites at surface temperatures between 4000 F and 5000 F	1966
19770073469	Two lectures on second quantization	1966
19770073474	Mass spectrometric studies at high temperatures. 13: Stabilities of samarium, europium and gadolinium mono- and difluorides	1966
19770073475	Reactions of ethylidene in the vacuum ultraviolet photolysis of ethylene	1966
19770073476	Silicon-fluorine chemistry 5. Appearance potentials, ionization potentials and heats of formation for perfluorosilanes and perfluoroborosilanes	1966
19770073478	Vibrational spectra of SPCL3, SPCL2F, SPCLF2 and SPF3	1966
19770073481	The effect of water on the physical properties of gamma-butyrolactone	1966
19770073496	The adsorption of argon, helium and nitrogen on stainless steel at room temperature in the pressure range 10 minus 8 to 10 minus 7 torr	1966
19770073497	Magnetic superconducting and other phase transitions within the metallic state	1966
19770073508	A kinetic study of photodegradation of poly (vinyl chloride) film in vacuum	1966
19770073509	Ion etching of solution-cast polymer films	1966
19770073510	Fracture in glasslike high polymers. 1: Theoretical considerations	1966
19770073532	Magnetic field effects on antenna reactance measurements at frequencies well above the plasma frequency	1966
19770073552	Problems encountered using connector separation for opening low voltage circuits	1966
19770073553	The requirements placed on electron tubes for space applications	1966
19770073554	A thick film insulated gate field effect transistor	1966
19770073555	The processing of screened resistors on ceramic substrates	1966
19770073556	Microelectronics program	1966
19770073557	Magnetic integrated circuits: A comparative analysis of their application to a micrometeoroid sensor scanning problem	1966
19770073558	500-Volt resolution with a Si(Li) detector using a cooled FET preamplifier	1966
19770073569	The delay of cavitation in turbomachinery	1966
19770073570	An accumulation of recent evidence concerning the role of evaporation in nucleate boiling	1966
19770073574	Natural-convection on a finite-size horizontal plate	1966
19770073585	Proton recoil spectrometer for neutron spectra between 50 and 450 MeV	1966
19770073606	Investigating the potential reliability of integrated circuits from parameter distributions	1966
19770073613	Two photoviscoelasticity experiments using analog data reduction	1966
19770073614	Fatigue failure in linearly viscoelastic materials	1966
19770073616	Calculation and analysis of stresses in egg shells	1966
19770073617	The influence of specimen design and test procedure on results of buckling investigations of shell structures	1966
19770073619	Notch and crack strength of sheet material	1966
19770073662	Detection techniques for tenuosou planetary atmospheres	1966
19770073688	A new glass covered silicon solar cell for space application	1966
19770073689	An optimum concentration profile of the drift field solar cells and transistors	1966
19770073805	Interrelations of energetic charged particles in the magnetosphere	1966
19770073806	Note on magnetic dipole transitions in the ionosphere	1966
19770073808	Detailed crustal investigation along a north-south section through the central part of Western Germany	1966
19770073857	Optimal and Dynamic Characteristics of a Continuous Photosynthetic Algal Gas Exchanger	1966
19770073858	The High Proportion of Double Deletional Losses Among Mosaics Derived from Males with a Marked Y Chromosome in Drosophila After Treatment of the Males with Ionizing Radiation	1966
19770073864	The effect of salt concentration on in vitro atp-dependent C14O2 fixation in the halophilic photosynthetic alga dunaliella salina	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770073865	Feedback mechanisms regulating pituitary acth secretion in rats bearing transplantable pituitary tumors	1966
19770073868	Changes in hematocrit and plasma enzymes accompanying a multiple sampling procedure	1966
19770073880	Searching, eating, and dreaming	1966
19770073882	Effects of abnormal circulatory states upon the response to upright tilt	1966
19770073886	Effects of progressive hypohydration on maximal isometric muscular strength	1966
19770073887	A dipeptide cleavage from histidylserine-beta-naphthylamide by the glucagon-degrading enzyme of liver	1966
19770073889	Intraperitoneal injections of yeast RNA	1966
19770073890	Anaerobic work capability as affected by stress	1966
19770073896	Enzyme induction as a psychosomatic intervening variable	1966
19770073903	Measured information capacity as performance index in manual tracking tasks	1966
19770073904	Acceptability of a feeding system composed of bite-size and dehydrated foods	1966
19770073916	Spacecraft computers for scientific information systems	1966
19770073917	Timing consideration for DC-asynchronous logic	1966
19770073918	Stars 2: A fully automatic satellite data processor	1966
19770073932	A study of the problems arising in connection with the application of the Caratheodory technique to the derivation of existence theorems for optimal feedback controls	1966
19770073934	On scalar products of signals passing through memoryless nonlinearities with delay	1966
19770073936	On finite T sub 0 spaces	1966
19770073937	Application of the method of steepest descent to maximizing the minimum of a set of functions of many variables	1966
19770073938	A method for solving systems of non-linear differential equations with applications to annealing kinetics	1966
19770073942	An uncertainty function arising in sequential search theory	1966
19770073943	An elimination method for generalized matrix inversion	1966
19770073945	Methods for numerical solution of systems of non-linear differential equations. 2: Simple power law for the introduction rate of defects in semiconductors under steady irradiation	1966
19770073946	Discussion on arithmetic codes with large distance	1966
19770073947	Adjointness in non-adjoint boundary value problems	1966
19770073953	Perimetric coordinates for four particles	1966
19770073963	Survival probability as a performance criterion in stochastic control systems	1966
19770073968	Comments on the intrinsic polarization of Mira variables	1966
19770073969	On a class of solutions of Einstein-Maxwell equations	1966
19770073970	Topics in the theory of magnetic metals	1966
19770074012	Isobaric spin and analog spin	1966
19770074013	A total-absorption detector for 60-MeV protons using lithium-drifted germanium	1966
19770074018	The point target approximation in the theory of RBE	1966
19770074019	The effect of molecular multipole moments on the dielectric relaxation of polar gases	1966
19770074020	Crossed-beam study of a simple ion molecule reaction in the energy range 0.70-25 eV	1966
19770074022	Mean vibration amplitudes, thermodynamic functions and molecular polarizabilities of series of phosphorous compounds of the type PX ₂ Y, appendix III	1966
19770074023	Neutron diffusion using a modulated source	1966
19770074031	Reactions of uranium and the platinide elements. 1: The uranium-ruthenium system	1966
19770074046	Effect of electron density fluctuations on the phase and group delay of electromagnetic waves in a plasma	1966
19770074053	The calculation of upper and lower bounds of energy eigenvalues in perturbation theory by means of partitioning technique	1966
19770074055	The nucleation of surface-spike growth on NiBr ₂ crystals a VLS mode of crystal growth	1966
19770074056	Hylleraas variational calculation of autoionization states	1966
19770074057	Thermal annealing characteristics of MOSFETS with and without electric fields	1966
19770074060	On the independence of spin and mean life	1966
19770074065	Quantum theory project for research in atomic molecular and solid-state chemistry and physics	1966
19770074066	An exploration into the use of unlinked pair correlations in variational wave functions	1966
19770074069	A comparison of present associate's degree programs in electronics technology with baccalaureate programs in electrical engineering	1966
19770074073	An evaluation of barriers to the delegation of authority in formal organizations	1966
19770074206	Relay to Urey and Lewis' some comments on a recent hypothesis on carbon compounds in carbonaceous chondrites	1966
19770074208	Chainpur-like chondrites, possible primitive precursors of ordinary L-group chondrites	1966
19770074276	High energy gamma ray detector in OSO-1	1966
19770074837	Tables of the third integral	1966
19770075721	Vehicle plan for boilerplate 30, section 2, ground operations requirements plan and integrated checkout plan (combined)	1966
19770075893	CSM-LEM structural loads and bending moments (latest IRN's included)	1966
19770075949	W. H. Podolny Low Temperature Fuel Cell presentation to NASA on 15 Sep. 1976	1966
19770076096	Metabolic research methods and results	1966
19770076305	Effect of landing site selection on LEM descent strategy logic	1966
19770076306	A simple method for estimating redesignation capability in LEM descent	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770076350	Apollo/Saturn 5, return to the VAB for hurricane alert - Case 330	1966
19770076459	Semiannual progress report, 1 January - 30 June 1966	1966
19770076545	Reliability of microwave radio relay facilities for Apollo Launch Data System (ALDS) circuits between Orlando and Cape Kennedy	1966
19770077051	Soil sampler for Mars landing probe	1966
19770077149	LM a-s/half-rack configuration for ATM solar astronomy experiments. Case 103-3	1966
19770077153	Some considerations for reducing the size of unmanned Mars entry probe packages. Case 103-2	1966
19770077157	Project Apollo: Communications, command, and telemetry system. Analysis of character transfer function. Case 20061	1966
19770077211	Study of the AM for support of applications - A group of experiments	1966
19770077270	ASEE-Case-NASA Lewis summer faculty fellowships	1966
19770077776	Final Report	1966
19770077796	The astronics system of Saturn launch vehicles	1966
19770077915	Review of the Apollo electromagnetic compatibility program	1966
19770078767	The 85-foot antenna Apollo tracking stations	1966
19770078774	Analysis of additional communications coverage that could be obtained by unified S-band stations at Canton Island, Kano and Tananarive	1966
19770079114	Interrelations of perceived size and distance	1966
19770079254	Research and advanced development. Volume 2: Supporting research and technology for the Office of Advanced Research and Technology, National Aeronautics and Space Administration	1966
19770079255	Annual report, 1 February - 31 July 1966	1966
19770079317	ATM installation	1966
19770079357	Study of IU versus LEM and CSM for experiments support	1966
19770079358	Study of IU vs. LEM and CSM for support of experiments MSFC-1: Dielectril materials experiment	1966
19770079359	Study of the Apollo experiments Pallet as a support system for orbital experiments	1966
19770079360	Flight mission assignment for SAA alternate mission AS-209/210	1966
19770079361	Validation of Lunar Orbiter data analysis	1966
19770079362	Lunar farside surface missions	1966
19770079363	Lunar surface stay time for AS-504A	1966
19770079364	Apollo lunar drill: A back-up experiment for AS-504 and AS-505	1966
19770079365	Consumables management required to provide an extended duration flight on mission AS-204	1966
19770079366	Feasibility of various Agena 12 - Apollo test mission rendezvous	1966
19770079369	Error propagation investigation for earth parking orbit	1966
19770079370	Post insertion tracking using ship based radar	1966
19770079378	The Apollo Saturn emergency detection system	1966
19770079379	Summary description of the SAA airlock module	1966
19770079412	Synthesis of atactic and stereoregular vinylaromatic polymers and a study of their reactions with alkali metals	1966
19770079424	Experiment support effectiveness of LEM and CSM for Saturn-Apollo applications	1966
19770079438	Communications and tracking for reentry and recovery phases of Apollo lunar landing mission	1966
19770079515	Configuration and interface description for ATM on a CSM/rack	1966
19770079682	Characterization of particles involved in lipid synthesis in yeast	1966
19770079689	Effect of adrenalectomy and fasting on hepatic pyruvate kinase activity	1966
19770079706	Disturbing torque on a spacecraft due to astronaut movements	1966
19770079707	Crew motion considerations for hard vs. gimbal mounting of ATM experiments	1966
19770079711	Bit error rate performance in a coherent binary symmetric channel	1966
19770079818	Lunar radio astronomy	1966
19770079823	Theoretical research on interstellar dust and its interaction with ultraviolet radiation	1966
19770079856	A rocket facility feasibility study	1966
19770079870	Restart capability study Apollo service propulsion system electrical harness test	1966
19770079979	A study of antenna patterns for a new high directivity antenna configuration	1966
19770080009	Mathematical expression for drop size distribution in sprays	1966
19770080012	Analysis of hypersonic pressure and heat transfer tests on Delta wings with laminar and turbulent boundary layers	1966
19770080018	Ion gyro-resonance observed in incoherent scattering from the ionosphere	1966
19770080175	On the propagation of atmospheric gravity waves through regions of wind shear	1966
19770080198	Light and electron microscopic study of primate liver 36-48 hours after high doses of 32 MeV protons	1966
19770080247	Upper and lower bounds to eigenvalues by the partitioning technique	1966
19770080331	ASEE-NASA Summer Facility Institute	1966
19770080421	Optical and radar investigations of simulated and natural meteors	1966
19770080473	ATM presentation to Dr. G. E. Mueller, 20 October 1966	1966
19770080477	Re-entry tracking for Apollo	1966
19770080486	Gemini Agena Target Vehicle 5001 systems test evaluation (45 day report)	1966
19770080608	Analysis of hypersonic pressure and heat transfer tests on a flat plate with a flap and a Delta wing with a body, elevons, fins, and rudders	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770081000	ASEE - NASA summer faculty fellowship program	1966
19770081064	Weak interactions in astrophysics	1966
19770081125	Flight readiness review report spacecraft 10	1966
19770081233	Analysis of communications coverage by MSFN at lunar distances	1966
19770081341	Apollo telescope mount study program	1966
19770082204	Investigation of silver for control of microbial contamination in a water supply subsystem. Apollo applications program	1966
19770082346	The differential performance of information channels in the transfer of technology	1966
19770082402	Study of the influence of size of a manned lifting body entry vehicle on research potential cost. Aerodynamic heating	1966
19770082403	Titan III boosters for Langley's manned lifting body entry program	1966
19770082409	MCC-H/KSC interface testing for AS 204 and AS 501	1966
19770082991	Study of the influence of size of a manned lifting body entry vehicle on research potential and cost. Baseline cost and effectiveness analy 515. 2: cost computer runs	1966
19770083443	Study of the influence of size of a manned lifting body entry vehicle on research potential and cost. Aerodynamic data book	1966
19770084267	Design and analysis of the NASA experimental hypersonic ramjet inlet	1966
19770084280	Hypersonic ramjet research engine: Combustor design	1966
19770084290	Space programs. Volume 3: The deep space network	1966
19770085191	Description of the method of analysis and equations used in the Lockheed/Huntsville decomposition-in-depth ablative analysis computer program	1966
19770085543	Study of the influence of the grinding process on properties of pyrotechnic mixtures (lead oxide with boron) and b(barium nitrate with magnesium)	1966
19770087421	Thin film microcircuits for rocketsonde	1966
19770087622	Dummy load, electrical	1966
19770088022	Project Able study program. Volume 2, part 1: Technical addendum	1966
19770088023	Project Able study program. Volume 1: Summary	1966
19770088187	Project Able study program. Volume 2, part 2: Technical addendum	1966
19770088188	Project Able study program. Volume 4: Structural design analysis	1966
19770088489	Frequency dependent effects of insulating thermal sensors	1966
19770088635	A method for finding targets on the Ho Chi Minh trail	1966
19770089267	Life sciences: Program review	1966
19770089516	Voyager project	1966
19770089517	An advance study of an Application Technology Satellite (ATS-4) mission	1966
19770089587	Cryogenic resins for glass filament-wound composites	1966
19770089588	Improved resin/glass filament-wound composite	1966
19770089589	Development of materials and materials application concepts for joint use as cryogenic insulation and micrometeorite bumpers	1966
19770089590	Study of age deterioration of gasket materials installed in simulated launch vehicle hardware	1966
19770089591	Application of advanced fibrous reinforced composite materials to airframe structures. Volume 2: Composite materials development	1966
19770089603	Tantalum-hafnium alloys metallurgical processing technology	1966
19770089605	Flow and fracture characteristics of beryllium	1966
19770089606	Investigation of the stress-corrosion cracking of high strength aluminum alloys	1966
19770089616	The development of structural adhesive systems suitable for use with liquid oxygen	1966
19770089617	Investigation of resin systems for improved ablative materials	1966
19770089628	Monthly status report, 10 May - 10 June 1966	1966
19770089629	Oxygen difluoride research study	1966
19770089630	All-fluid amplifier development for liquid rocket secondary injection thrust vector control	1966
19770089631	Bipropellant model. Analytical vapor phase decomposition model. Experimental droplet burning. Liquid phase NTO/hydrazine kinetics	1966
19770089659	Project IRLS	1966
19770089796	Experimental and theoretical analysis of ablative material response in a liquid-propellant rocket engine	1966
19770089804	Magnetometry	1966
19770089845	Development of main shaft seals for advanced air breathing propulsion systems	1966
19770089846	Development of main shaft seals for advanced air breathing propulsion systems	1966
19770089847	Investigation of smooth-bonded metal liners for glass fiber filament-wound pressure vessels	1966
19770089848	Advanced bearing study	1966
19770089849	Investigation of discharge pressure oscillations in high pressure pumps	1966
19770089850	Energy dissipation system based on metal extrusion	1966
19770089851	Development of compressor end seals, stator interstage seals, and stator pivot seals in advanced air breathing propulsion systems	1966
19770089897	Saturn IB/V launch vehicle digital computer and data adapter flight model program	1966
19770089925	Quarterly Progress Report for FY 1966	1966
19770089933	Proceedings of the seminar on sonar signal processing in underwater acoustics, volume 2	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090078	Development and demonstration of criteria for liquid fluorine feed system components	1966
19770090082	Cryogenic positive expulsion bladders	1966
19770090103	Liquid propellant thermal conditioning system	1966
19770090255	Development of compressor end seals, stator interstage seals, and stator pivot seals in advanced air breathing propulsion systems	1966
19770090277	Data processing plan for AIMP-D	1966
19770090332	Lunar sample receiving laboratory glove system	1966
19770090383	Advanced nitroso polymers	1966
19770090412	ATS-4 study program	1966
19770090429	An advance study of an application technology satellite (ATS-4) mission	1966
19770090430	An advance study of an application technology satellite (ATS-4) mission	1966
19770090431	Study of dissimilar metal joining by solid state welding	1966
19770090507	Structural measures of ductility	1966
19770090508	Development of a rapid stress corrosion test for aluminum alloys	1966
19770090509	Development of light weight magnesium alloys for low temperature applications	1966
19770090510	Development of light weight magnesium alloys for low temperature applications	1966
19770090514	Colloidal asbestos fibrils as reinforcements for polymeric structures	1966
19770090538	A study of the suppression of combustion oscillations with mechanical damping devices	1966
19770090544	Study of the general mechanism of stress corrosion of aluminum alloys and development of techniques for its detection	1966
19770090545	Development of high strength reinforced aluminum casting alloys	1966
19770090546	Photoemission studies of solids	1966
19770090553	Light weight multi-layer insulation system	1966
19770090554	Oxygen difluoride research study	1966
19770090558	Advanced Engine Design Study, Aerospike	1966
19770090559	Advanced Engine Design Study, Bell (AEB)	1966
19770090560	Liquid propellant thermal conditioning system	1966
19770090561	Spacecraft rocket chamber insulation materials	1966
19770090562	Flox/methane pump-fed engine study	1966
19770090577	Orbiting geophysical observatory operations summary report	1966
19770090578	Delta range safety land impact probability study	1966
19770090579	Operations summary report OGO-III, 7 June - 17 Jun. 1966	1966
19770090580	Operations summary report OGO-II	1966
19770090581	Orbiting geophysical observatory	1966
19770090678	A study of the suppression of combustion oscillations with mechanical damping devices	1966
19770090775	Investigation of smooth-bonded metal liners for glass fiber filament-wound pressure vessels	1966
19770090807	Semiannual Status Report, 1 February - 31 July 1966	1966
19770090813	Feasibility study for the use of iophenoxic acid as a reference marker for plasma proteins	1966
19770090817	A bed rest study involving 300 milligrams of dietary calcium daily	1966
19770090919	Theoretical research on the pressure distribution on non-spinning multi-stage spacecraft performing bending oscillations	1966
19770090958	Voyager project	1966
19770090959	Review of SIB stage emergency detection system at Chrysler, Michoud, August 10	1966
19770090968	Saturn IB/V launch vehicle digital computer and data adapter flight model program	1966
19770090969	Data analyses in connection with the national geodetic satellite programs	1966
19770090977	Development of a high strength aluminum alloy readily weldable in plate thicknesses, and suitable for application at -423 F (-253C)	1966
19770090978	Mechanical properties, including fracture toughness and fatigue, and resistance to stress-corrosion cracking of stress-relieved stretched aluminum alloy extrusions	1966
19770090981	To instrument a rocket spectrometer for the investigation of the center-to-limb variations in the far ultraviolet solar spectrum	1966
19770090982	Development and demonstration of criteria for liquid fluorine feed system components	1966
19770090986	Research on supersonic combustion (Z11BHP) hydrogen jet penetration studies (experimental) III/26A two-dimensional mixing studies III/26B	1966
19770090987	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at -423 F (-253 C)	1966
19770090988	Development of a rapid stress corrosion test for aluminum alloys	1966
19770090989	A study of hydrogen embrittlement of various alloys	1966
19770090990	Investigation of frictional phenomena in hot metal deformation	1966
19770090999	A study of polymers containing silicon-nitrogen bonds	1966
19770091013	Investigation of reactivity of launch vehicle materials with liquid oxygen	1966
19770091042	Quarterly progress letter	1966
19770091062	Investigations and analysis of flow phenomena of secondary motions in axial flow inducers	1966
19770091079	High performance structures	1966
19770091097	The physiology and metabolism of hydrogenomonas eutropha	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091108	Theoretical and experimental investigation of plasma waves, space vehicle plasma sheaths, and ionospheric electron temperatures	1966
19770091109	Theoretical research: Electronic, ionic, and atomic impact phenomena	1966
19770091113	Southern hemisphere sky search for galactic x-rays	1966
19770091136	Ground investigations of flight experiments on primates in long duration zero-G	1966
19770091146	Light observation helicopter technical development plan	1966
19770091148	Light observation helicopter technical development plan	1966
19770091152	Flying qualities criteria problems and some proposed solutions	1966
19770091153	ASSET AEV-2 flight test report	1966
19770091226	Fire protection tests on a commercial airplane turbofan engine installation-fire and overheat detection tests	1966
19770091227	Fire protection tests on a commercial airplane turbofan engine installation - air flow and temperature survey	1966
19770091228	Fire protection tests on a commercial airplane turbofan engine installation: Fire resistance tests	1966
19770091229	Fire protection tests on a commercial airplane turbofan engine installation test facilities	1966
19770091230	Fire protection tests on a commercial airplane turbofan engine installation fire control tests	1966
19770091241	Control of flexible aircraft dynamic response	1966
19770091244	Progress at the Jicamarca Radar Observatory	1966
19770091250	VOYAGER project	1966
19770091252	An advance study of an Application Technology satellite (ATS-4) mission	1966
19770091313	Delta OSO-EL DTO trajectory	1966
19770091314	Saturn IB/V launch vehicle digital computer and data adapter flight model program	1966
19770091316	Improved delta, issue no. 8	1966
19770091317	ATS-4 study program	1966
19770091318	Atlas/Centaur launch vehicle study. Phase 4: Guidance and control	1966
19770091319	Atlas/Centaur launch vehicle study. Phase 4: Guidance and control	1966
19770091321	Application Technology Satellite (ATS-4)	1966
19770091322	Operations summary report OGO II	1966
19770091323	Helios design studies	1966
19770091325	VOYAGER project	1966
19770091327	Application Technology Satellite (ATS-4)	1966
19770091328	Saturn IB/V launch vehicle computer and data adapter flight model program	1966
19770091329	Saturn IB/V launch vehicle digital computer and data adapter flight model program	1966
19770091330	ATS-4 study program	1966
19770091370	Investigation of resin systems for improved ablative materials	1966
19770091371	Prime (SV-5D) familiarization manual	1966
19770091377	Search the southern hemisphere sky for galactic x-ray sources	1966
19770091381	Flox/methane pump-fed engine study	1966
19770091382	Flox/methane pump-fed engine study	1966
19770091383	Liquid oxygen turbopump study	1966
19770091384	Study of impact on S-II stage of improved j-2 engine	1966
19770091386	Study of Dynamic and Static Seals for Liquid Rocket Engines	1966
19770091387	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants	1966
19770091388	Development and demonstration of criteria for liquid fluorine feed system components	1966
19770091389	Study of impact on S-II stage of improved J-2 engine	1966
19770091390	Development and demonstration of criteria for liquid fluorine feed system components	1966
19770091391	Space environment operation of experimental hydrazine reactors	1966
19770091411	Procedures for predicting strength of fiber-reinforced composites based on micro-mechanical parameters	1966
19770091412	A study of the suppression of combustion oscillations with mechanical damping devices	1966
19770091417	Investigation of phenomenon of superplasticity in metals	1966
19770091418	Investigation of frictional phenomena in hot metal deformation	1966
19770091419	Development of an accelerated stress corrosion test for ferrous and nickel alloys	1966
19770091420	Development of an accelerated stress-corrosion test for ferrous and nickel alloys	1966
19770091421	Development of a rapid stress-corrosion test for aluminum alloys	1966
19770091422	Development of a rapid stress corrosion test for aluminum alloys	1966
19770091423	Development of a rapid stress corrosion test for aluminum alloys	1966
19770091424	The mechanism of stress corrosion of titanium alloys	1966
19770091425	The improvement of creep strength and low-temperature ductility of refractory metals by means of mechanical twinning	1966
19770091426	Development of an accelerated stress-corrosion test for ferrous and nickel alloys	1966
19770091427	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at -423 deg F (-253 deg C)	1966
19770091428	Strengthening of chromium composites	1966
19770091429	Development of a rapid stress corrosion test for aluminum alloys	1966
19770091431	Development of high temperature cobalt base alloys for application as jet engine stator vanes	1966
19770091433	Development of fused slurry silicide coatings for the elevated-temperature oxidation protection of columbium and tantalum alloys	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091434	Stability characterization of refractory materials under high velocity atmospheric flight conditions	1966
19770091449	A study of the use of vapor and vacuum techniques for the development of high strength filamentary materials	1966
19770091450	Advanced nitroso polymers	1966
19770091451	Synthesis and evaluation of new high temperature polymers for coating applications	1966
19770091453	Cryogenic resins for filament-wound composites	1966
19770091454	Process development and pilot-plant production of silane polymers of diols	1966
19770091460	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants	1966
19770091461	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants	1966
19770091462	Evaluation and demonstration of the use of cryogenic propellants (O ₂ -H ₂) for reaction control systems	1966
19770091464	Flourine-hydrogen performance evaluation	1966
19770091465	RL10 rocket engine	1966
19770091466	FL10 rocket engine report	1966
19770091467	RL10 rocket engine	1966
19770091468	RL10 rocket engine	1966
19770091469	RL10 rocket engine	1966
19770091470	RL10 rocket engine	1966
19770091471	RL10 rocket engine	1966
19770091472	Development and demonstration of criteria for liquid fluorine feed system components	1966
19770091473	Qualification of dual actuated delay initiator, KM79	1966
19770091480	Flight report for improved Delta vehicle S/N 460/20202/20202 Delta program-mission no. 35 spacecraft: Pioneer A	1966
19770091481	An electrohydrodynamic vapor absorption refrigerator for weightless environments	1966
19770091482	Croygenic positive expulsion bladders	1966
19770091491	Very low frequency radio noise experiment to be flown on a Javelin sounding rocket	1966
19770091492	ATS-4 study program	1966
19770091495	Millimeter communication propagation program extension	1966
19770091496	A VLF radio noise experiment to be flown on a Javelin sounding rocket	1966
19770091497	Project IRLS	1966
19770091539	Survey/study of the interconnection problem in microelectronics	1966
19770091540	Synchro-to-digital converter	1966
19770091541	Survey/study of the interconnection problem in microelectronics	1966
19770091542	Project briefs: Short summaries of completed, suspended and discontinued projects comprising the research and development programs for electron devices	1966
19770091543	Project briefs: Short summaries of active projects comprising the research and development programs for element devices	1966
19770091544	Hardening technology studies. 2: Radiation coupled flow field around bodies (inviscid ablation layer)	1966
19770091569	Re-entry F, Turbulent heat experiment	1966
19770091576	Observation of the white light corona from a rocket	1966
19770091577	Magnetometer development	1966
19770091594	Hand valve, bellows, sealed, N204, 1/2 inch, qualification test DAC SCN IB63412-501	1966
19770091595	Investigation of smooth-bonded metal liners for glass fiber filament-wound pressure vessels	1966
19770091596	Investigation of positive type shaft seals	1966
19770091597	Vacuum test of instrument size gears	1966
19770091613	Development of a system for prestressing brittle materials, volume 2	1966
19770091615	Theoretical study of structural response to near-field and far-field sonic booms	1966
19770091671	VOYAGER Project	1966
19770091672	VOYAGER Project	1966
19770091673	VOYAGER Project	1966
19770091686	Saturn IB/V launch vehicle digital computer and data adapter flight model program	1966
19770091695	LINDA: A linear discriminant algorithm	1966
19770091706	Theoretical research: Electronic, ionic, and atomic impact phenomena	1966
19770091708	Radiometric standards for the extreme ultraviolet	1966
19770091709	Project Celestope	1966
19770091723	National Aeronautics and Space Administration international university fellowships in space science	1966
19770091724	Research and advanced development. Volume2:supporting research and technology for the office of Advanced Research and Technology, National Aeronautics and Space Administration	1966
19770091735	Multidisciplinary Research in the Space Related Physical, Engineering, Social and Life Sciences	1966
19770091740	Status report on satellite meteorology studies	1966
19770091742	A program to investigate, characterize, and describe meteorites in the collections of Arizona State University	1966
19770091744	Effects of chemical seeding on the electron density of a simulated Martian atmosphere	1966
19770091745	Theoretical and experimental studies in ultraviolet solar physics including construction of laboratory prototype flight experiments	1966
19770091752	Meteorological satellite and advanced high altitude measurement research	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091845	High pressure ratio compressor technology for small gas turbine engines	1966
19770091846	Quarterly Progress Report, 1 March - 31 May 1966	1966
19770091848	High pressure ratio compressor technology for small gas turbine engines	1966
19770091869	Detailed test objectives for the improved Delta launch vehicle spacecraft: AIMP-D mission, volume 3	1966
19770091870	Improved Delta Pioneer B, block ii DTO trajectory	1966
19770091900	Improved Delta Intelsat II (F-1) DTO trajectory (revision 2)	1966
19770091910	Delta range safety trajectory and RF system analysis for the AIMP-D spacecraft mission	1966
19770091911	Improved Delta Apollo/COMSAT range safety data	1966
19770091919	Delta range safety turning capability data	1966
19770091920	Cryogenic positive expulsion bladders	1966
19770091921	Develop a zero-g, drag-free satellite and to perform a gyro test of general relativity in a satellite	1966
19770091922	Development of a system for prestressing brittle materials. Volume 1	1966
19770091923	A feasibility study of an orbiting low frequency radio astronomy satellite	1966
19770091925	Voyager project	1966
19770091926	An investigation of longitudinal oscillation instabilities of the Saturn V LOR vehicle	1966
19770091929	VOYAGER report	1966
19770091931	Minuteman Air Force/Industry Analysis Group report	1966
19770091963	A Study of Methods of Augmenting Cross Product Steering with Direct Control of Out-of-Plane Position Errors: CSM Lunar Orbit Insertion	1966
19770091972	Lunar Orbiter seventh quarterly status review	1966
19770091973	Theoretical research on the pressure distribution on non-spinning multi-stage spacecraft performing bending oscillations	1966
19770091980	Sun shield study: The computer implementation	1966
19770091983	Review of S-II stage emergency detection system at NAA, November 30, 1966	1966
19770091988	RL10 rocket engine	1966
19770091989	The study of detonation phenomena and its possible relation to rocket motor combustion instability	1966
19770091990	All-fluid amplifier development for liquid rocket secondary injection thrust vector control	1966
19770091991	Study of impact on S-11 stage of improved U-2 engine	1966
19770091994	Flox/methane pump-fed engine study	1966
19770092002	Application of advanced fibrous reinforcement composite materials	1966
19770092004	Glass-fiber-reinforced metallic tanks for cryogenic service	1966
19770092005	Improved ablative materials	1966
19770092006	Glass-fiber-reinforced metallic tanks for cryogenic service	1966
19770092007	Asymmetric photochemistry of metal complexes	1966
19770092008	Experimental studies in ultraviolet solid state spectroscopy	1966
19770092009	Oscillatory combustion in rockets	1966
19770092010	The Institute for the Study of Metals	1966
19770092011	Development of a high strength aluminum alloy, readily weldable in plate thickness, and suitable for application at -423 deg F (-253 deg C)	1966
19770092012	A study of hydrogen embrittlement of various alloys	1966
19770092013	Elevated temperature stress corrosion of high strength sheet materials in the presence of stress concentrators	1966
19770092014	Development of an accelerated stress-corrosion test for ferrous and nickel alloys	1966
19770092016	Study of crack initiation phenomena associated with stress corrosion of aluminum alloys	1966
19770092028	Advanced nitroso polymers	1966
19770092038	Monthly status report, 10 August - 10 September 1966	1966
19770092039	Hydrogen safety	1966
19770092040	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants	1966
19770092053	Voyager project	1966
19770092060	Semiannual progress report, 1 December 1965 - 31 May 1966	1966
19770092065	Ground feasibility tests of unity-gain, high-directivity antenna	1966
19770092116	Evaluation of contractual tubes received	1966
19770092137	Fluid physics	1966
19770092138	Investigation and analysis of flow phenomena in axial flow inducers	1966
19770092143	A superconducting bolometer	1966
19770092184	Qualification testing, checkout, hand valve	1966
19770092185	Energy dissipation system based on metal extrusion	1966
19770092186	Development of mainshaft seals for advanced air breathing propulsion systems	1966
19770092187	Investigation of discharge pressure oscillators in high pressure pumps	1966
19770092188	Investigation of discharge pressure oscillations in high pressure pumps	1966
19770092206	Nonlinear dynamics of thin shell structures	1966
19770092207	Extended loading of cryogenic tanks	1966
19770092208	Buckling of circular cylindrical shells in axial compression	1966
19770092214	Study of thin film large area photovoltaic solar energy converter	1966
19770092224	Catalog of correlative data	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092226	Study and evaluation of the constant-/ momentum mass spectrometer for ion analysis in the D and E regions of the ionosphere	1966
19770092245	Relationship, through geologic time, of days per lunar month to growth increments in fossil and recent molluscan shells	1966
19770092274	Contract end item detail specification. Performance/design and product configuration requirements. Software program specification for saturn 5 operational display system	1966
19770092285	Theoretical research: Electronic, ionic, and atomic impact phenomena	1966
19770092287	Beam energy measurements at the Oak Ridge isochronous cyclotrom	1966
19770092310	Hypervelocity impact of microparticles	1966
19770092317	Advanced tracking systems research at MSFC	1966
19770092330	Nuclear astrophysics	1966
19770092331	An investigation of the origin, age, and composition of meteorites	1966
19770092332	Research on X-ray diffraction studies of lunar-type materials	1966
19770092333	The effect of shock waves on meteorites	1966
19770092335	An airborne experiment to determine temperature variations throughout the solar corona during the eclipse of 12 November 1966	1966
19770092415	Limited flight evaluation of tactair fluid control stability augmentation safety system	1966
19770092452	Bibliography of research and development reports on the Centaur program for 1965	1966
19770092453	DSV-3E control system analysis reports, volume 1	1966
19770092511	DSV-3E control system analysis, volume 2	1966
19770092529	Experiment definition. Volume 2: Systems analysis and spacecraft integration	1966
19770092539	Study of dynamic and static seals for liquid rocket engines	1966
19770092568	Hard metals	1966
19770092579	Process development and pilot-plant production of silane polymers of diols	1966
19770092582	The development of structural adhesive systems suitable for use with liquid oxygen	1966
19770092585	Optimization of the performance of a polyurethane adhesive system over the temperature range of -423 F to ?200 F	1966
19770092689	Discrete output equipment	1966
19770092702	Spark transmitter techniques for EM pulse generation	1966
19770092719	Evaluation of high-temperature gas transport properties	1966
19770092720	Investigation of desorption cooling	1966
19770092726	Effect of environment on thermal control coatings	1966
19770092727	Effect of environment on thermal control coatings	1966
19770092730	The kinetics of reaction of the by-products of ablative materials at high temperatures and the rate of heat transfer between hot surfaces and reactive gases	1966
19770092735	Ion detectors to increase the sensitivity of mass spectrometric analyses	1966
19770092738	Design study report for day-night meteorological camera subsystem	1966
19770092793	Second NASA-wide reliability and quality assurance meeting	1966
19770092831	Research on computational and display requirements for human control of space vehicle boosters; Part 1: Theory and results	1966
19770092906	NASA industrial applications study	1966
19770092910	A study of large optical telescope	1966
19770092911	Definitive experiment plan X-ray astronomy (S-17) and data and control system	1966
19770092939	Study of the Influence of Size of a Manned Lifting Body Entry Vehicle on Research Potential and Cost: Design Environment, Requirements and Criteria	1966
19770092940	Study of the Influence of Size of a Manned Lifting Body Entry Vehicle on Research Potential and Cost: Baseline Cost and Effectiveness Analysis	1966
19770092941	HL-10 research study: Baseline flight research tasks	1966
19770092985	A low density wind tunnel residual gas monitoring system	1966
19770093006	Memory technology for manned deep space missions	1966
19770093013	Geo-astronomical observations	1966
19770093016	Thermal sensor Re-entry F Program	1966
19770093017	Re-entry F stage 3, thermodynamic technology. Part 1: Experiment and sensor design studies	1966
19770093030	Gemini high apogee orbit	1966
19770093031	Alouette ionogram reduction facility	1966
19770093033	Laboratory simulation studies of outer space phenomena	1966
19770093041	Guidance hardware attitude error analysis for Saturn I and Saturn IB/V	1966
19770093043	AMP3-GTO3 digital computer program system for monitoring the accelerometers of the inertially stabilized platform on the Saturn vehicles	1966
19770093046	ATS-4 study program, volume 8	1966
19770093047	An advanced study of an application technology satellite (ATS-4) mission. Volume 2: Preliminary program plan	1966
19770093048	Saturn three- and four-gimbal platforms for polar and synchronous orbits	1966
19770093051	Study of the dynamic response of elastic space stations. Volume 1: Technical	1966
19770093070	Analysis of geodetic satellite tracking data	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093074	Space vehicle SA-8 telemetry system	1966
19770093082	Evaluation of Stycast 2651, Epoxy Resin: Types 2 and 5	1966
19770093084	Steady-state responses for several control systems	1966
19770093098	Collection of material property data and presentation of said data in the form of material data handbooks	1966
19770093113	Ion detectors to increase the sensitivity of mass spectrometric analyses	1966
19770093114	Gas chromatographic techniques for the identification and study of nucleosides	1966
19770093115	A study of the suppression of combustion oscillations with mechanical damping devices. Phase 2: Summary report	1966
19770093121	Metallurgical analysis of gore base segment, 60B12147-1-900 cracking	1966
19770093122	Effect of roll planishing on weld joint and base metal properties of 2219 aluminum	1966
19770093123	Metallurgical analysis of base heat shield GOX line support fitting, 60B 20152-1 failure	1966
19770093125	Metallurgical analysis of Parker's aneroid capsules P/N 5651602	1966
19770093126	Metallurgical analysis of gear teeth visor shaft actuator assembly, LOX vent and relief valve, Whittaker 128159	1966
19770093127	Evaluation of the mechanical properties of 2219-T81 five inch thick aluminum alloy	1966
19770093128	Effect of solution treating temperature on ductility of inconel 718	1966
19770093144	Epoxy resin, type 3	1966
19770093145	Evaluation of polyurethane elastomeric compound PR-1548, type 2	1966
19770093146	Evaluation of polyurethane elastomeric compound PR 1535, type III	1966
19770093147	Evaluation Product STYCAST 1090 of Epoxy Resin, Type IV	1966
19770093167	Monthly progress letter, 10 September - 10 October 1966	1966
19770093177	Design studies and prototype fabrication of lunar sample containers	1966
19770093178	Special instrumentation for the liquid hydrogen experiment A5-203	1966
19770093186	Radio frequency system analysis for Air Force Western Test Range launches	1966
19770093187	Radio frequency system analysis for Air Test Western Test Range launches. Supplement 1: TOS-B mission	1966
19770093188	OPLE satellite transponder study report	1966
19770093189	Ground and spaceborne communications and tracking stations: A comparison	1966
19770093190	Failure analysis of ODOP antenna assembly-60B74033-1	1966
19770093216	Design analysis and performance evaluation on electrical contacts for space vehicles	1966
19770093217	Electronics research at MSFC. Research achievements review, volume 2, report no. 3	1966
19770093220	Preliminary studies of the tunnel diode oscillator-superconducting bolometer system	1966
19770093221	Calibration procedure, Hewlett-Packard model 200 CD/CDR wide-range oscillator	1966
19770093222	Fabrication of hybrid microelectronic circuits	1966
19770093225	Effects of radiation on electronic packaging materials	1966
19770093241	Determination of transient temperatures during the expansion of fireballs, revised	1966
19770093242	A Despun Heat Shield for the Pioneer Spacecraft	1966
19770093243	Evaluation of ram formed fuel suction elbows	1966
19770093244	Determination of type of failure in flow tested LOX fill and drain ducts, 60B41004-1	1966
19770093245	Thermal shock tests of an unclotted destruct cowling	1966
19770093246	Effect of multiple weld repairs in fuel suction elbows	1966
19770093249	The kinetics of reaction of the by-products of ablative materials at high temperatures and the rate of heat transfer between hot surfaces and reactive gases	1966
19770093266	Advanced sensor and control system studies	1966
19770093267	Theoretical determination of the instrument function of the Michelson interferometer spectrometer	1966
19770093268	An apparatus for the determination of low temperature specific heat	1966
19770093269	ATS-4 satellite interferometer design study	1966
19770093270	Experimental long term evaluation of a ring laser for application as an integrating rate gyro	1966
19770093271	Producing and improving Bennett-type RF mass spectrometer tubes	1966
19770093291	Hydraulic compound vortex valves with high pressure gain	1966
19770093292	Electron beam welding process	1966
19770093307	Development of a system for prestressing brittle materials, volume 3	1966
19770093339	The effects of controlled environment on the growth of hydrogenomonas bacteria in continuous cultures	1966
19770093341	Bibliography on biosensors. A sampling of the world literature 1960 - 1965, volume 4, part 2	1966
19770093355	A tentative evaluation of the Cowan-Strickland penthouse experiments	1966
19770093363	Acceleration stress effects on pilot performance and dynamic response	1966
19770093364	The usefulness of transinformation as a measure of human tracking performance	1966
19770093365	Pilot response in multi-loop tracking tasks in combination with side tasks	1966
19770093366	Human performance research and mission-oriented simulations	1966
19770093367	Research on computational and display requirements for human control of space vehicle boosters. Part 2: Computer programs	1966
19770093393	A configuration interaction study of the beryllium atom	1966
19770093396	Radiation networks for specular-diffuse reflecting and transmitting surfaces	1966
19770093410	Equipment and services for S-26 Gemini plasma wake experiment	1966
19770093429	Annual Status Report, 16 March - 15 September 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093430	Seventh Semiannual Progress Report, 1 June - 30 November 1966	1966
19770093432	On the ethics of large-scale systems, part 2	1966
19770093433	Scientific mission support study. Volume 3: Scientific mission resources requirement plan	1966
19770093436	Multidisciplinary research in space-related science and technology	1966
19770093448	Kantian inquiring systems, chapter 5	1966
19770093449	Lockean inquiring systems	1966
19770093458	The public nature of the private sector: Impacts of space and defense programs	1966
19770093471	The presence of ice in the Venus atmosphere as inferred from a halo effect	1966
19770093486	Lift fan technology studies and research hardware	1966
19770093490	Wind tunnel newsletter	1966
19770093491	Wind tunnel newsletter	1966
19770093494	The 1975 Venus lightside flyby trajectory surface	1966
19770093495	Gravity losses and vehicle thrust-to-weight optimization calculation applied to Mars flyby mission	1966
19770093496	Sensitivity examination of alternative manned space plans	1966
19770093508	Goddard directory of tracking station locations	1966
19770093516	Apollo guidance and navigation error analysis for the LOR mission	1966
19770093540	Evaluation of polyurethane elastomeric compound 3C-907, type III	1966
19770093543	Advanced nitroso polymers	1966
19770093546	Monthly status report, 10 May - 10 June 1966	1966
19770093548	Monthly status report, 10 April - 10 May 1966	1966
19770093549	Monthly status report, 10 August - 10 September 1966	1966
19770093563	Survey/study of the interconnection problem in microelectronics	1966
19770093576	Quality program plan for advanced OGO horizon sensor program	1966
19770093586	Structural design concepts: Technical brief	1966
19770093594	NASA in-house report of SSME operations	1966
19770093613	Genetic changes induced by laser irradiation of Drosophila melanogaster	1966
19770093615	Uses of ionizing radiation in experimental neuropathology	1966
19770093639	Radiation and voltage gradients from gas mixtures at high temperatures in a constricted plasma arc	1966
19770093649	Origin of the universe and quantum cosmology	1966
19770093651	Achievements in planetology	1966
19770093655	Wind tunnel newsletter	1966
19770093656	Aerodynamics of airframe-engine integration of advanced supersonic aircraft	1966
19770093672	Flight Test Report for XB-70A Air Vehicles	1966
19770093673	Flight Test Report for XB-70A Air Vehicles	1966
19770093677	Supersonic transport program. Phase 2-C. Detailed work plan	1966
19770093705	Hypersonic Ramjet Experiment Project, Phase 1	1966
19770093707	NASA Hamilton Standard Technical Seminar: Air Induction Control Systems	1966
19770093767	Fine sun sensor	1966
19770093770	Saturn V launch vehicle digital computer and data adapter prototype program	1966
19770093771	Delta-30, early bird-a, final field report	1966
19770093772	Delta-29, Orbiting Solar Observatory-B2 (OSO-B2)	1966
19770093773	Azimuth alignment system for the ST124-M	1966
19770093788	Precision S-band tracking system feasibility study. Volume 3: Appendices	1966
19770093789	Precision S-band tracking system feasibility study, volume 1	1966
19770093794	Structural design concept for future space missions	1966
19770093810	Fractionation and characterization of an amidated thermal 1:1:1-proteinoid	1966
19770093820	A study of the suppression of combustion oscillations with mechanical damping devices	1966
19770093821	Mass Spectrometric Studies of the Synthesis, Reactivity, and Energetics of the Oxygen Fluorides at Cryogenic Temperatures	1966
19770093824	Thioredoxin. A localized conformational change accompanying reduction of the protein to the sulfhydryl form	1966
19770093825	The high-resolution absorption spectrum of the carbon monoxide fourth positive system in the vacuum ultraviolet region	1966
19770093831	The institute for the study of metals	1966
19770093891	A probability density analyzer	1966
19770093894	Radio frequency system analysis for air force eastern test range	1966
19770093895	Radio frequency system analysis for Air Force eastern test range, supplement 1	1966
19770093938	A dielectric coated circumferential slot array for omnidirectional coverage at microwave frequencies	1966
19770093939	Diffusion currents in large electric fields for discrete lattices	1966
19770093997	Heat exchanger surface selection computer program development (appendix 4), volume 2	1966
19770093998	Heat exchanger surface selection computer program development, volume 1	1966
19770094008	Reliability program plan, advanced horizon sensor for OGO	1966
19770094009	Spectra from beam-foil excited xenon	1966
19770094056	Transverse shear deformation in thin shells of revolution	1966
19770094057	The analysis of orthogonally stiffened plates	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094058	A general displacement analysis of an orthotropic shell of revolution	1966
19770094059	Vibrations of ring-stiffened cylindrical shells: An 'exact' method	1966
19770094091	Sodium fluxes in fresh-water turtles	1966
19770094093	Estimated heat contribution of brown fat in arousing ground squirrels (C. Lateralis)	1966
19770094098	A sudden trance-like state with EEG and nystagmus changes during vestibular stimulation in primates	1966
19770094099	Effects of aerobic work performed during recovery from exhausting work. Part 2: Effects of aerobic work performed during recovery from exhausting work	1966
19770094100	Membrane ultrastructure in nerve cells	1966
19770094114	Respiration analyzer development program, phase 3	1966
19770094129	A Comment on Ray Tracing	1966
19770094131	The role of associated polynomials in division	1966
19770094140	Treatment of degeneracies in the Schroedinger perturbation theory by partitioning technique	1966
19770094148	An analysis of the laminar instability problem in heated reactor passages	1966
19770094167	A Model and Calculations for the Properties of an Exploding Plasma Sphere	1966
19770094193	The space program and the American economy	1966
19770094280	Conceptual and preliminary design of the hypersonic ramjet	1966
19770094281	Hypersonic ramjet research engine, cooling system design	1966
19770094319	Examination of 718 bellows - vendor samples	1966
19770094379	Evaluation of hydraulic fluids for use in advanced supersonic aircraft	1966
19770094391	Advanced propulsion research at MSFC	1966
19770094392	Storable propellant combustion instability program at Lewis Research Center	1966
19770094569	Investigation of silver for control of microbial contamination in a water supply subsystem. Apollo applications program	1966
19770094574	Radiation sensitivity of the hibernating ground squirrel, Citellus tridecemlineatus	1966
19770094582	Investigation of polarographic oxygen sensors for oxygen pressure control on extended space missions	1966
19770094606	Changes in perceived size and shape of a highly luminous target	1966
19770094631	Proceedings of the First Quarterly Review of the North American Aviation, Inc. new technology reporting program	1966
19770094653	Boundary layer transition for sharp and slightly blunted cones under hypersonic entry conditions	1966
19770094768	Application study of the LR 81, Agena, engine for use in manned, lifting body reentry test vehicles	1966
19770095478	Study of resonance production in 7 GEV/C pi (+) P interactions	1966
19770095577	Genetic changes induced by laser irradiation Drosophila melanogaster	1966
19780070015	Study of the influence of size of a manned lifting body entry vehicle on research potential and cost. Volume 1: Technical proposal	1966
19780070356	Calculated performance of the NASA experimental hypersonic ramjet	1966
19780071707	A Theory for Predicting the Rotational and Vortex Noise of Lifting Rotors in Forward Flight Including a Comparison with Experiment	1966
19780071997	A study of optimum discrete estimators	1966
19780073020	The matrix organization form: A social concept for enterprise effectiveness	1966
19780074145	NRX-A5: Provisioning list and schedule	1966
19780074147	AGC/WANL operation manual. Section 3: Technical interfaces	1966
19780074256	Attendance at ALOC Meeting, 11 January 1966	1966
19780074399	Development of techniques for measuring thermal diffusivity	1966
19780074657	Provisions for on-pad emergency egress from CM: Current status, case 330	1966
19780075303	Proceedings of the Apollo Lunar Landing Mission Symposium	1966
19780075314	The impact of free return missions on the Apollo system	1966
19780075315	Acceptance checkout equipment spacecraft	1966
19780075349	Demonstration of Apollo docking hardware at MSC, 10 January, 1966	1966
19780075350	Trip report: LEM CDR at MSC, Houston, Texas, 4-7 January 1966 and at GAEC, Bethpage, New York, 10-14 January 1966, case 330	1966
19780075351	Implementation of the emergency detection system design criteria	1966
19780075355	Phoebus-2	1966
19780075360	NRX/EST performance evaluation dragon memoranda, EP 4	1966
19780075417	Communications from the lunar surface to the MSFN without the use of the LEM erectable high gain antenna	1966
19780075441	Apollo spacecraft voice and telemetry data recorders	1966
19780075604	E/STS-2/3 NES development plan, preliminary	1966
19780075653	Trip report. Meeting of the Apollo Launch Operations Committee	1966
19780075656	The time effect of a 100 hour translunar flight time constraint on non-free return lunar accessibility	1966
19780075674	LEM critical design review, MSC and GAEC, 17-27 January 1966, case 330	1966
19780075892	Apollo checkout system study	1966
19780075933	Compatibility of the Apollo Lunar Surface Experiment Package (ALSEP) and the Apollo MSFN	1966
19780075945	Trip report-conference on LEM, ECS LiOH dusting and CSM ECS (block 1) water boiler	1966
19780075946	Critical design review of ground support equipment for spacecraft LEM adapter - NAA, Downey, March 8-9, 1966	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780075947	Command module pressurization during terminal countdown	1966
19780075948	Joint NASA/NAA configuration control board ECP action on CSM block 2 CDR RID's, Downey, California, February 3, 1966	1966
19780075949	Trip report: Block 2 thermal critical design review	1966
19780076102	Trip report: Soil mechanics conference	1966
19780076745	Synthesis of calculation methods for the design and analysis of radiation shields for nuclear rocket systems, volume 1	1966
19780077341	Phoebus-2	1966
19780077402	Final Test Specifications for Phase 1-A of the Countermeasures Radiation Effects Program	1966
19780077665	NRX/EST test prediction report, revision 5	1966
19780078201	Petitions for Patent Waiver: Findings of Fact and Recommendations of the NASA Inventions and Contributions Board	1966
19780079348	NERVA irradiation program. Volume 1: GTR test 18, components test	1966
19780080436	A Mass Spectrometric Study of the Thermal Decomposition of Perchloric Acid and the Chlorine Dioxide	1966
19780081677	Air/water interface acoustic transmission augmentation, 4	1966
19780082614	Titan 2 Accuracy Evaluation Program	1966
19780083223	Mobile nuclear power plants 1960 - 1970 (U)	1966
19780083878	The space studies program	1966
19780083900	Surveyor critical data recorder	1966
19780083972	Improved throat inserts for ablative thrust chambers	1966
19780083982	Cryogenic resins for glass filament-wound composites	1966
19780083983	Research and development of improved gasket material for cryogenic applications in space	1966
19780083992	The occurrence of bias in the spectropolarimeter	1966
19780083993	Investigation of reactivity of titanium and other materials with liquid oxygen and nitrogen tetroxide	1966
19780084095	Survey study of the interconnection problem in microelectronics	1966
19780084173	Experimental determination of system parameters for thin-walled cylinders	1966
19780084174	Investigation of fatigue crack propagation in thin plates and shells	1966
19780084213	Study of potential economic benefits fo agricultural resource surveys from earth orbiting research laboratories	1966
19780084231	Real-time height profiles of electron density and wind velocity from ionospheric radio soundings	1966
19780084313	Automatic proper motion survey of the Stellar System	1966
19780084361	Comparison of rocket-borne probes for electron density measurements	1966
19780084369	Lunar Orbiter Range and Range Rate System meeting at JPL	1966
19780084371	Rocket probes for the upper F-region	1966
19780084372	Saturn IB/5 launch vehicle digital computer and data adapter flight model program	1966
19780084373	Data analysis in connection with the national geodetic satellite program	1966
19780084375	Operations summary report, OGO-2	1966
19780084376	Atlas/Centaur launch vehicle study. Phase 4: Guidance and control	1966
19780084413	Process and analyze space radiation data obtained with APL radiation detectors aboard various satellites including Injun III and 1963-38C(SN/39)	1966
19780084415	Development and demonstration of criteria for liquid fluorine feed system components	1966
19780084416	All-fluid amplifier development for liquid rocket secondary injection thrust vector control	1966
19780084419	All-field amplifier development for liquid rocket secondary injection thrust vector control	1966
19780084420	Development and demonstration of criteria for liquid fluorine feed system components	1966
19780084425	Improved cryogenic resin/glass-filament--wound composites	1966
19780084429	Development of high strength, low density composite materials for SATURN applications	1966
19780084430	Glass-fiber-reinforced metallic tanks for cryogenic service	1966
19780084434	Development of improved sterilizable potting and encapsulating compounds for space applications	1966
19780084436	An experimental investigation of combustion stability characteristics at high chamber pressure	1966
19780084437	Highly ionized spectra of nitrogen and oxygen	1966
19780084442	Development of improved conversion coatings for aluminum alloys	1966
19780084447	The reinforcement of polymeric structures by asbestos fibrils	1966
19780084448	A study of polymers containing siliconnitrogen bonds	1966
19780084449	Process development and pilot-plate production of silane polymers of diols	1966
19780084452	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants	1966
19780084453	Evaluation and demonstration of the use of cryogenic propellants (O2-H2) for reaction control systems	1966
19780084454	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants	1966
19780084455	Evaluation and demonstration of the use of cryogenic propellants (O2-H2) for reaction control systems	1966
19780084462	Gelling of cryogenic oxidizers	1966
19780084463	Energy dissipation system based on metal extrusion	1966
19780084464	An electrohydrodynamic vapor absorption refrigerator for weightless environments	1966
19780084495	Survey/study of the interconnection problem in microelectronics	1966
19780084529	Research program to extend cascade data to liquids and higher inlet angles	1966
19780084530	Investigation of a lightweight self-evacuating prefabricated multi-layer insulation system for cryogenic space propulsion stages	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084531	Cryogenic positive expulsion bladders	1966
19780084535	Producing and improving Bennett-type RF mass spectrometer tubes	1966
19780084551	Study of dissimilar metal joining by solid state welding	1966
19780084552	Investigation of smooth-bonded metal liners for glass fiber filament-wound pressure vessels	1966
19780084612	Experimental investigation of the mechanism by which freezing or drying and associated effects affect living cells]	1966
19780084629	Gravitational and resonance experiments on very low-energy free electrons and positions	1966
19780084630	Status report, 1 Oct. 1965 - 1 Apr. 1966	1966
19780084631	Stigmatic spectrograph study	1966
19780084636	Propagation and dispersion of hydromagnetic and ion cyclotron waves in plasmas immersed in magnetic fields	1966
19780084647	Government-industry interaction in the aerospace industry	1966
19780084651	Development of space science and technology	1966
19780084652	National Aeronautics and Space Administration international university fellowships in space science	1966
19780084653	Far infrared rocket astronomy	1966
19780084654	Construction of an antenna array for high frequency Radio astronomy	1966
19780084655	Theoretical and laboratory investigations in radio astronomy	1966
19780084657	Conducting a definitive test of the theory that attributes the solar quiet-day variation (SQ) to an ionospheric current system	1966
19780084658	Theoretical investigation of the constitution of the moon and planets	1966
19780084660	Solar elements, their physical parameters and abundances	1966
19780084678	Obtaining accurate aerodynamic force and moment results from ballistic tests	1966
19780084734	Diffusive transport in flow about ablating entry objects	1966
19780084773	A study of hydrogen embrittlement of various alloys	1966
19780084786	Water transport in and across polyurethane films	1966
19780084991	Experimental studies of auditory discrimination	1966
19780085060	Theoretical studies of some nonlinear aspects of hypersonic panel flutter	1966
19780085062	Satellite navigation studies	1966
19780085065	High temperature hydraulic system actuator seals for use in advanced supersonic aircraft	1966
19780085083	Development of main shaft seals for advanced air breathing propulsion systems	1966
19780085094	Survey measurements of upper air	1966
19780085095	Status of MSF experiments program task as of January 15, 1966	1966
19780085104	Countdown status display 2	1966
19780085106	Turbine disk burst protection study	1966
19780085119	Lunar surface data recorder for surveyor	1966
19780085120	Survey measurements of upper air structure	1966
19780085122	Trip report: AVCO/RAD presentation at Langley Research Center on non-impact survivable Mars probe	1966
19780085175	Meteoroid-bumper interaction studies	1966
19780085176	Investigation of the combined effects of space environmental parameters on space vehicle materials	1966
19780085177	Structural design concepts for future space missions	1966
19780085183	All-fluid amplifier development for liquid rocket secondary injection thrust vector control	1966
19780085184	Investigation of a lightweight self-evacuating prefabricated multi-layer insulated system of cryogenic space propulsion stages	1966
19780085185	All-fluid amplifier development for liquid rocket secondary injection thrust vector control	1966
19780085186	Fluorine-hydrogen performance program	1966
19780085196	Cryogenic resins for glass filament-wound composites	1966
19780085198	Cryogenic resins for glass filament-wound composites	1966
19780085204	Research on transport properties of liquid mixtures	1966
19780085205	An experimental investigation of combustion stability characteristics at high chamber pressure	1966
19780085206	An experimental investigation of the geochemistry of nucleic acids	1966
19780085214	Structure of atomically clean surfaces of refractory metals	1966
19780085216	Development of protective coatings for chromium-base alloys	1966
19780085217	Protective Coatings for Chromium Alloys	1966
19780085219	Investigation of the stress-corrosion cracking of high strength aluminum alloys	1966
19780085220	Elevated temperature stress corrosion of high strength sheet materials in the presence of stress concentrators	1966
19780085221	Development of a high strength aluminum alloy, readily weldable in plate thickness, and suitable for application at minus 423 deg F (minus 253 deg C)	1966
19780085230	Development of improved semi-organic structural adhesives for elevated temperature applications	1966
19780085231	Synthesis and evaluation of new high temperature polymers for coating applications	1966
19780085234	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen	1966
19780085235	Cryogenic resins for glass fila-wound composites	1966
19780085236	Investigation of the effects of mechanical stress on the permeability of engineering materials to liquid hydrogen and other propellants used in launch vehicles	1966
19780085240	Oxygen difluoride research study	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085243	Evaluation and demonstration of the use of cryogenic propellants (O2-H2) for reaction control systems	1966
19780085244	Liquid propellant thermal conditioning system	1966
19780085251	Cryogenic positive expulsion bladders	1966
19780085253	Cryogenic positive expulsion bladders	1966
19780085254	Transpiration effects on pressure indications in the transition regime	1966
19780085311	Survey/study of the interconnection problem in microelectronics	1966
19780085312	Survey/study of the interconnection problem in microelectronics	1966
19780085313	Program review: Electronic systems	1966
19780085330	Monthly progress report, 1 - 31 December 1965	1966
19780085332	Development of a lightweight cryogenic insulating system	1966
19780085333	Insulated tank program	1966
19780085334	The effect of sound and vibration on heat transfer rates during phase change	1966
19780085335	Research in the aerospace physical sciences	1966
19780085336	Research program to extend cascade data to liquids and higher inlet angles	1966
19780085353	Advanced bearing study	1966
19780085354	Investigation of positive-type shaft seals	1966
19780085355	Pump discharge oscillation study	1966
19780085357	Extended loading of cryogenic tanks	1966
19780085358	Investigation of positive-type shaft seals	1966
19780085359	Advanced bearing study	1966
19780085370	General survey project to test remote sensing data over several types of broad geologic sites. Test site no. 5, Tintic District, Utah	1966
19780085387	A study of the zodiacal light and airglow in Hawaii	1966
19780085388	Quarterly Status Report, 1 January - 31 March 1966	1966
19780085395	Space-related studies in the physical, life, and engineering sciences	1966
19780085396	Physiological base line data and physiological procedures and instrumentation necessary for the automatic measurement of hemodynamic and metabolic parameters during prolonged weightlessness	1966
19780085397	Body fluid volume and electrolyte derangements in fasting	1966
19780085410	Program review: Research	1966
19780085411	Stability of nonconservative systems	1966
19780085413	Measurement of angular rotation with photons	1966
19780085422	Multidisciplinary research in space sciences and technology	1966
19780085424	Investigation of energy levels in foil excited atomic beams	1966
19780085441	Laboratory Studies of Electron Collision Frequency	1966
19780085456	A program to investigate, characterize, and describe meteorites in the collections of Arizona State University	1966
19780085459	Measurement of neutron intensity in space, electron densities in the ionosphere, and solar x-radiation	1966
19780085461	Multidisciplinary research in the space sciences and technology	1966
19780085495	Supersonic transport lubrication system investigation	1966
19780085541	Investigation of Liquid Propellants in High Pressure and High Temperature Environments	1966
19780085558	Study of a radio probe of the extended solar corona	1966
19780085559	Quarterly progress report	1966
19780085609	All-fluid amplifier development for liquid rocket secondary injection thrust vector control	1966
19780085630	Fundamentals of the oxidation protection of columbium and tantalum	1966
19780085650	Cryogenic positive expulsion bladders	1966
19780085686	Small motions of a pivoted, resistively loaded coil in an alternating magnetic field	1966
19780085741	Phoebus-2 monthly progress report	1966
19780085752	Electrophysiological studies of the brain including improvement of experimental techniques and methodology	1966
19780085773	Conduct Experimental and Theoretical Research in Plasma Dynamics	1966
19780085783	Data analyses in connection with the National geodetic satellite program	1966
19780085784	Lunar and solar system research	1966
19780085785	Theoretical and experimental studies in planetary and atmospheric physics	1966
19780085790	High-energy Gamma-ray astronomy experiment for high-altitude balloons	1966
19780085822	Advanced engine design study, bell (AEB)	1966
19780085823	Application of blade-element techniques to design and performance prediction problems for axial-flow turbomachinery	1966
19780085829	Wind tunnel newsletter	1966
19780085834	Surveyor off-vertical landing capability	1966
19780085845	Crawler-Transporter contingencies, Launch Complex 39	1966
19780085855	Investigation of reactivity of launch vehicle materials with liquid oxygen	1966
19780085858	Voyager project	1966
19780085860	A study program of problems related to satellites	1966
19780085878	Investigation of the combined effects of space environmental parameters on space vehicle materials	1966
19780085886	Research on a hydrogen-fluorine propulsion system	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085887	Research on a hydrogen-fluorine propulsion system	1966
19780085888	Development and demonstration of criteria for liquid fluorine feed system components	1966
19780085901	Investigation of the effect of material properties on composite ablative material behavior	1966
19780085902	A study of low density, high strength and high modulus whisker, filament and laminar composites	1966
19780085920	The mechanics of stress corrosion of titanium alloys exposed to chlorides at elevated temperatures	1966
19780085933	Synthesis and evaluation of new high temperatures polymers for coating applications	1966
19780085934	Program for the evaluation of structural reinforced plastic materials at cryogenic temperatures	1966
19780085935	Cryogenic resins for glass filament-wound composites	1966
19780085936	Improved resin/glass filament-wound composite	1966
19780085941	Trip report follow up: Hypergolic loading GSE	1966
19780085942	Liquid propellant thermal conditioning system. Project plan and schedule	1966
19780085943	Investigation of the effects of mechanical stress on the permeability of engineering materials to liquid hydrogen and other propellants used in launch vehicles	1966
19780085963	Techniques for airborne radome design, volume1	1966
19780085979	Research in electrohydrodynamics and wave-type magnetohydrodynamic A-C power generation	1966
19780086001	Development of thermal protection system for a cryogenic spacecraft module	1966
19780086002	Interfacial electrohydrodynamics with charge relaxation	1966
19780086009	Semiannual Progress Report, 1 October 1965 - 31 March 1966	1966
19780086010	Feasibility study of piezotransistor accelerometer	1966
19780086054	The effect of surface reactions on fatigue failure	1966
19780086099	Status Report, 1 January - 31 March 1966	1966
19780086100	Petrographic analysis of the anatomy of a meteorite impact crater: West Hawk Lake, Canada	1966
19780086109	Biophysical approach to behavior	1966
19780086131	Analytic studies in the learning and memory of skilled performance	1966
19780086174	Community health changes associated with space age technology	1966
19780086178	Geochemistry of Trace Elements in Meteorites	1966
19780086181	Cross Section Calculations and Study of Space Vehicle Radiation Shielding	1966
19780086192	Investigation of boundary layer transition	1966
19780086294	Trip report: Status review meetings at MIT/IL and Raytheon on the Spacecraft G&M Development	1966
19780086298	Investigation of a lightweight self-evacuating prefabricated multi-layer insulation system for cryogenic space propulsion stages	1966
19780086299	Development and Demonstration of Criteria for Liquid Fluorine Feed System Components	1966
19780086307	Development of nondestructive testing techniques for honeycomb heat shields	1966
19780086319	Thermodynamic properties and vaporization processes of binary sulfides	1966
19780086335	The development of structural adhesive systems suitable for use with liquid oxygen	1966
19780086345	Investigation of liquid propellants in high pressure and high temperature environments	1966
19780086346	Investigation of the chemical kinetics of an advanced high energy propellant system	1966
19780086438	Study for the development of techniques and instrumentation for detection of hydrogen gas	1966
19780086467	Non-linear elasticity	1966
19780086555	Apollo mission reliability assessment study	1966
19780086761	Multidisciplinary research in space-related physical engineering and life sciences	1966
19780087300	Design fabrication and experimental verification of cryogenic tankage applicable to manned aerospace systems	1966
19780087301	Hydrogen tankage application to manned aerospace systems	1966
19780087986	Beam patterns in adaptive processors	1966
19790072167	Probability of finding an obstacle-free interval	1966
19790072225	SAA program specification	1966
19790072227	Saturn Apollo applications program specification	1966
19790072229	A LM powered descent strategy	1966
19790072230	Detailed comments on a MSC proposed lunar surface timeline	1966
19790072231	Probe targeting and probe guidance near Mars	1966
19790072232	Weight sensitivities for manned Mars landing mission	1966
19790072233	Assignment of experiments to spacecraft modules for early SAA missions	1966
19790072234	The influence of Apollo/Saturn 5; launch operations on lunar site selection	1966
19790072235	Probability of finding an obstacle-free interval	1966
19790072236	A survey of manned Mars and Venus flyby missions in the 1970's	1966
19790072237	Trip report: Meeting at MSC on corollary experiments for the AS-209 orbital workshop	1966
19790072238	Maximum time delay for abort following SPS failure	1966
19790072239	Flight performance estimate for SAA Mission209	1966
19790072240	Instantaneous impact point analysis	1966
19790072241	Selection of SPS gimbal actuators for flights AS-501 and AS-502	1966
19790072242	SC 008 and 012 delta CDR: Phase 1 at MSC, February 10-16, 1966	1966
19790072243	A note on the utility of perihelion retro on manned planetary missions	1966
19790072244	Combining lunar polar orbit mission with an unmanned landing	1966
19790072245	Effect of experiment S-027 being flown on AS-210 in the Apollo Program	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072246	Apollo Applications Program (AAP) experimental areas to support 1975-80 advanced manned missions, revision 1	1966
19790072247	Data generated by AAP experiments	1966
19790072248	ALSEP environmental specification. Revision: Lunar dust	1966
19790072249	Presentation on Mission Modes and Contingency Analysis for SAA Missions 209 through 212 to Dr. Mueller	1966
19790072250	Spent Stage Coordination Meeting	1966
19790072251	A preliminary estimate of maximum earth orbital mission durations for a CSM/Auxiliary Module/S-IVB Workshop configuration	1966
19790072252	Other mission applications for a cryogenic planetary injection module	1966
19790072253	Lunar accessibility for April - May 1968 using two burn lunar deboost	1966
19790072254	The 1975 Mars twilight flyby trajectory surface	1966
19790072255	Abort considerations for aborts initiated during the interplanetary phase of the 1975 mars twilight flyby mission	1966
19790072256	Abort advisory system	1966
19790072257	A micrometeorite experiment for manned mars flyby mission	1966
19790072258	Propellant reserve required for nulling launch Azimuth errors on Mars surface sample return approximate analysis	1966
19790072262	Delta V required to change periapsis passage location of the 1975 Mars twilight flyby mission	1966
19790072263	LEM CDR part 3, mission compatibility and operations, GAEC, March 7-10, 1966	1966
19790072264	System hold and recycle capability for the first lunar landing mission	1966
19790072265	Trajectory and targeting computer program	1966
19790072267	Injection into Earth departure trajectories from radiation windows	1966
19790072282	Estimation of the Dead Man's Curve for aborts near the lunar surface	1966
19790072303	Quarterly progress report, October, November, December 1965	1966
19790072304	Csm 012 cdr at naa s and id	1966
19790072338	Venus swingbys for manned Mars missions during the 1978-1986 period	1966
19790072339	Recommendations on flowchart standards	1966
19790072397	Capabilities of the entry guidance equations for mission AS-202	1966
19790072398	Description of Apollo Entry Guidance	1966
19790072407	Task 9 Summary report, 25 Mar. 1966	1966
19790072424	CSM error analysis for trajectory 4.5S ground based navigation retargeting after LEM docking, TLI injection covariances quadruped	1966
19790072438	Reentry heating experiment on Saturn 5 AAP flights or unmanned saturn IB flights	1966
19790072439	Atmospheric braking of an unmanned Mars orbiter	1966
19790072440	Approximate trade-off analysis for LEM descent trajectory parameters	1966
19790072441	The 1975 Mars flyby mission: Trajectories of probes from manned spacecraft	1966
19790072476	Lunar lighting conditions for the Apollo lunar landing mission	1966
19790072477	Evaluation of lunar lighting constraint based upon photometric derived scene contrast	1966
19790072478	Apollo free return point analysis	1966
19790072512	LEM experiment support	1966
19790072533	LEM descent engine status	1966
19790072534	LEM subsystem problem status	1966
19790072535	LEM RCS and propulsion thermal review	1966
19790072536	Airlock test ground support equipment and Logistic Operations Meeting	1966
19790072537	Automation development for SC checkout	1966
19790072538	Follow-up report: On-pad crew safety	1966
19790072544	Implementing dock launch of MLV Saturn IB-5A	1966
19790072646	Trip report - Fifteenth S-IB stage quarterly review, Michoud	1966
19790072647	Unmanned entry probe sizing for a 1975 manned Mars flyby mission	1966
19790072648	Extrapolation of surveyor sinkage to LEM sinkage for three failure modes of the lunar surface	1966
19790072649	Feasibility of photographic probes to be launched from a manned Martian flyby vehicle	1966
19790072650	Tether wrapping	1966
19790072651	Velocity and weight requirements for Mars orbiter deployed from manned flyby	1966
19790072652	Preliminary investigation of a launch vehicle guidance hypersurface	1966
19790072668	Saturn ib modifications required to support the orbital workshop mission	1966
19790072669	Launch vehicle error analysis for Apollo/Saturn 204 /U/	1966
19790072670	Delta V-weight tradeoffs for lunar missions /U/	1966
19790072710	Sensitivities for transfer for circular to highly elliptic parking orbits	1966
19790072711	Prelaunch Egress Procedures	1966
19790072776	ABL lander in support of a manned flyby mission to Mars	1966
19790072777	Tracking methods for lem relay experiment	1966
19790072778	Statistical estimation of spacecraft state variables from observational data	1966
19790072780	Noise analysis of the Apollo powered flight navigation equations	1966
19790072781	A study of the methods of augmenting cross product steering with direct control of out-of-plane position errors: Description of the methods used	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072783	Gimbal system electrical transformer	1966
19790072786	Feasibility of converting the Apollo USB system to a precision interferometer-type tracking system	1966
19790072787	A method for performance a bit error rate analysis of the ALSEP telemetry data link	1966
19790072901	Delta V-weight tradeoffs for lunar missions	1966
19790072925	Task 9 summary report	1966
19790072926	Review of CSM emergency detection system at NAA, July 28 - case 330	1966
19790072927	Trip report: Meeting at MSC to discuss spacecraft configurations for ATM	1966
19790072928	Radiation shielding needed for extended interplanetary missions	1966
19790072929	Trip report: Cryogenic space storage programs at Douglas Aircraft Company, February 25, 1966	1966
19790072930	Installation of S-027 in the IU of mission 209	1966
19790072931	General description of Apollo up-data subsystem for the CSM, LM, and SIVB/IU	1966
19790072932	Status of sun shield study	1966
19790072933	Service module reaction control system tank configuration possibilities	1966
19790072934	Orbital workshop configuration changes to enhance performance characteristics	1966
19790072935	Interim design review of the McDonnell Airlock Module, St. Louis, Missouri, October 21, 1966	1966
19790072936	Rack/ATM configurations for use with the ORBITAL ASSEMBLY	1966
19790072937	Sun shield study	1966
19790072941	CSM 012 delta CDR: Part 2 at MSC, March 22-25, 1966	1966
19790072942	Orbital Workshop Experiments Meeting	1966
19790072944	Sun shield study: Computer program user's guide	1966
19790072945	Hard-docked ATM experiment carrier	1966
19790072946	Review of SIVB stage emergency detection system at Douglas Aircraft Corp., Huntington Beach, 16 August	1966
19790072947	Saturn improvement studies: A summary	1966
19790072949	Trip report: CSM/LEM/SLA/S-IVB/IU thermal balance and temperature computer program meeting, Houston, February 9, 1966	1966
19790072954	Notes on the experiment: Retrieval of coupons from Pegasus III (flight experiment T019)	1966
19790072960	Effects of errors on perigee altitude	1966
19790073012	Comparison of candidate SAA experiment support modules	1966
19790073013	Geophysical instrument payloads for a manned Mars flyby mission	1966
19790073056	Trip report - SPS propellant retention and sloshing presentation by NAA-SI and D at MSC, 6 January 1966	1966
19790073057	Remark on the rocket plume: Lunar surface erosion problem	1966
19790073058	Extended lifetime fuel cell status	1966
19790073059	Conceptual design of structural and propulsion systems for an MSSR rendezvous vehicle	1966
19790073072	A concept for handling and launching large solid rockets	1966
19790073098	Decrease of boiloff and insulation weight penalty with cryogenic propellant subcooling	1966
19790073099	Spacecraft hypergolic subsystem constraint considerations for AS-504A	1966
19790073100	CSM/LM hypergolic subsystem constraints on extended AAP missions	1966
19790073101	Requirements related to ingestion of gas in service propulsion system propellants	1966
19790073110	A study on the use of an extendible boom as an antenna/homing guide for lunar base communication/navigation systems	1966
19790073219	A study of the use of an extendible boom as an antenna/homing guide for lunar base communication/navigation systems	1966
19790073220	Communication satellite terminal requirements on Apollo reentry ship	1966
19790073221	System noise temperature characteristics of the manned spaced flight network S-band receiving systems	1966
19790073222	Description of ballistic trajectory fit program, BTLSTF	1966
19790073223	Evaluation of methods and procedures used to control the manned space flight ground communications systems	1966
19790073224	Analysis of communications between the Apollo space vehicle and the MSFN during the post injection phase of the lunar mission	1966
19790073225	Communications performance margins of MSFN USB stations for tracking the lunar orbiter spacecraft near the moon	1966
19790073227	Communication systems design for manned Mars flyby mission	1966
19790073228	Project Apollo - communications processor: Analysis of the overall processing function	1966
19790073229	Polynomial filter accuracy in the presence of Markov noise: Effect of data rate	1966
19790073230	Summary of communications and tracking coverage memoranda	1966
19790073235	Additional USB communications coverage provided by Apollo instrumentation ship west of South America for mission AS 204	1966
19790073236	Operational modes of the communication links between the apollo MSFN and the CSM (block 1 and block II)	1966
19790073244	Definition and measurement of the unified s-band transponder ranging channel	1966
19790073246	Aperture masks for range measurements with one surveyor TV camera	1966
19790073293	Review of instrument unit emergency detection system at IBM/Huntsville on September 1	1966
19790073300	Apollo/Saturn V ESE interlock system	1966
19790073344	Mars flyby photography	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073345	Mare Smythii (first lunar orbiter photographs)	1966
19790073346	Photography of Mars near encounter on a flyby mission	1966
19790073372	Apollo experiments pallet interim technical description	1966
19790073373	Apollo science contingency	1966
19790073374	Lunar orbiter photo quality optimization	1966
19790073391	Reliability of electronic subsystems for Mars missions	1966
19790073425	MSF Earth-sensing experiment program, task 27	1966
19790073463	Solar array versus meteoroid/asteroid environment	1966
19790073471	Trip report - minutes of the soil mechanics consultants group meeting	1966
19790073472	Temperature and density variations in the earth's upper atmosphere	1966
19790073473	Calculating dynamic soil bearing strength for vertical landing spacecraft	1966
19790073476	Probability of exceeding design wind for saturn 5 freestanding on the pad	1966
19790073486	Probability of Exceeding Design Wind for Saturn V Freestanding on the Pad	1966
19790073487	The lunar landing training vehicle: Effect of local meteorological conditions: Houston	1966
19790073491	MSF experiments program in the life sciences	1966
19790073517	Trip report: Cape requirements meeting for AS-205 experiments, 28-29 June 1966	1966
19790073518	Astronaut performance during the Apollo lunar EVA	1966
19790073519	Radiation dose levels for manned space flight	1966
19790073520	Differences in biomedical results from Soviet and American manned space flights	1966
19790073591	CSM subsystem problem status	1966
19790073592	Astronaut and system performance during Gemini EVA	1966
19790073593	Extra-vehicular crew transfer device	1966
19790073594	Trip report: Portable life support system critical design review, March 15-17, 1966 - case 330	1966
19790073595	Trip report: LEM environmental control system quarterly review: case 330	1966
19790073600	Considerations concerning pre- and post-lunar orbit insertion manning of the LEM	1966
19790073642	Noise margin testing of the Apollo guidance computer	1966
19790073676	A lagrangian derivation of the ClohessyWiltshire equations and some remarks concerning their application	1966
19790073677	Improvement to the secant method	1966
19790073678	An explanation of the secant method as proposed by Wolfe for solving a system of simultaneous nonlinear equations	1966
19790073690	Radiation intensity due to Co60 radioactive fuel gauges	1966
19790073698	The nuclear reactor-thermoelectric power subsystem	1966
19790073708	Resolution limit of the 24 inch lunar orbiter lens with linear motion blur - case 30	1966
19790073726	Quarterly progress report, July September 1966	1966
19790073730	NASA Apollo quarterly progress report, October - December 1963	1966
19790073744	Trip report: Saturn V/Voyager Engineering Panel Meeting	1966
19790073748	NASA/NAA program management review and CSM 017 customer acceptance readiness review	1966
19790073749	Trip report: Attendance of ALOC meeting	1966
19790073778	Description of a pointing control system for hard mounted solar astronomy experiments	1966
19790073779	Conceptual design of a high resolution optical telescope for planetary flyby missions	1966
19790073780	Astronomical timeline for 1975 twilight mars flyby mission	1966
19790073781	Selection of instruments for an astronomical space station community	1966
19790073790	MSF experiment program in astronomy/astrophysics case 227-task 27	1966
19790073831	Model distribution of photographic meteors	1966
19790073832	A lunar surface probe delivery system based on the lunar orbiter	1966
19790073865	A proposal for sample acquisition during a manned flyby mission to Mars	1966
19790073866	Martian atmosphere experiments for early missions	1966
19790073867	Meteoroid hazard for planetary missions	1966
19790073868	A critical look at the Martian atmosphere	1966
19790073874	Trip report: Meeting of the Surveyor Lunar Surface Mechanical Properties Working Group	1966
19790073877	Meeting of the Surveying Lunar Surface Mechanical Properties Working Group	1966
19790073879	Interaction between the LEM descent engine exhaust gas and the lunar surface material	1966
19790073917	Lunar orbiter data screening at Langley Research Center	1966
19790073924	Variation of interplanetary solar cosmic ray radiation hazard with solar cycle	1966
19790073943	Radiation levels on AS-503 missions	1966
19790074250	Laboratory tests for LM relay experiment	1966
19790074512	Landing site selection for MSSR	1966
19790074513	Model distribution of photographic meteors	1966
19790074823	Panel retrieval from Pegasus satellite	1966
19790074824	Trip Report: LC-39 site activation board meeting March 17, 1966	1966
19790074825	A status review of ace carry-off cooling and purging	1966
19790074826	LEM Ground Support Equipment Critical design review, March 21-25, 1966, MSC, Houston, Texas	1966
19790074829	Trip report: Eighth emergency detection system design subpanel meeting at KSC, Mar. 8, 1966	1966
19790075110	Bioinstrumentation system for Project Apollo	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790075182	Trip report: Saturn S-2 project eleventh quarterly review, February 24, 1966, North American Aviation, Downey, California	1966
19790075183	Trip report: Joint Tank Review at Bell Aerosystems, February 8-9, 1966	1966
19790075184	Trip report: Configuration Management Working Group Meeting in Bedford, Massachusetts, March 1, 1966	1966
19790075185	Trip report: Attendance at management review at the Saturn V. Guidance computer contracts at MSFC, February 5, 1966	1966
19790075273	Trip report: MIMOSA study	1966
19790075276	LEM ninth flight vehicle status review	1966
19790075284	Review block II CSM emergency detection	1966
19790075286	Trip report: Discussion of lunar orbiter data analysis at MSC, 13 January 1966	1966
19790075287	Trip report: IBM instrument unit (IU) schedule review, MSFC, 2 March 1966	1966
19790075288	R and DO instrument unit	1966
19790075721	Trip report: Saturn V/voyager meeting at MSFC April 21 and 22	1966
19790075726	Trip report: Data analysis discussion between LOPO and MSC at LRC, 3 February 1966	1966
19790075740	Attendance at launch operations panel meeting at KSC, 29 March 1966	1966
19790075741	The 13th S-IC stage quarterly review, Michoud, La., January 26, 1966	1966
19790075742	ACE-SC software meeting	1966
19790075743	AS-204 Flight Directors Status Meeting	1966
19790075745	Trip report: Attendance Apollo emergency Egress working group meeting, 16 February 1966	1966
19790075746	Apollo Saturn mechanical panel meeting, 24 February 1966	1966
19790075747	LEM flight vehicle status review	1966
19790075748	LEM tenth flight vehicle status review	1966
19790075749	Trip report: LC-39 site activation board meeting	1966
19790075750	The 16th meeting of the Apollo-Saturn electrical panel, Kennedy Space Center; March 9, 1966	1966
19790075751	Thirteenth S-IVB quarterly review, March 23, 1966 MSFC, Huntsville, Alabama	1966
19790075752	Trip report: Conference on Human Standards for Apollo	1966
19790075753	Trip report: Joint LRC/MSFC Planning session on lunar orbiter mission B	1966
19790075756	Trip report: AMPTF meeting at KSC to discuss prelaunch operations for the design performance mission II	1966
19790075757	Trip report: C-1 engine presentation Thiokol Chemical Corporation, Denville, N. J., 25 January 1966	1966
19790075758	LC site activation board meeting: Trip report	1966
19790076514	Optical alignment (advanced) training manual	1966
19790076557	Blunt Lifting Body Turbulent Aerodynamic Heat Transfer	1966
19790076627	Project Gemini Familiarization Manual: Rendezvous and Docking Configurations	1966
19790076630	Gemini 8 Inertial Guidance System Evaluation and Trajectory Reconstruction	1966
19790076634	Weight and performance summary	1966
19790076635	Apollo applications program Condensed summary	1966
19790076636	Preliminary definition phase Apollo extension system. Land landing system program Program analysis Final report	1966
19790076640	Gemini Program Mission Report, Gemini 9-A GT-9 Post Flight Analysis Report Supplement	1966
19790076641	Preliminary definition phase Apollo extension system Final technical summary report	1966
19790076653	Apollo flight mission assignments	1966
19790076663	Feasibility study of utilization of LM for Project Able. Volume 1 - Technical summary	1966
19790076664	Feasibility study of utilization of LM for Project Able. Volume 2 - Technical report	1966
19790076666	Apollo-Saturn 201 mission reliability analysis	1966
19790076721	Preliminary definition phase Apollo extension system	1966
19790076746	Launch vehicle no. 9 flight evaluation	1966
19790076747	Atlas slv-3 space launch vehicle flight evaluation report	1966
19790076754	Gemini Atlas Agena target vehicle Integrated guidance system, flight test report	1966
19790076758	Gemini launch vehicle - Launch vehicle no. 12 flight evaluation	1966
19790076782	Saturn I Block II guidance summary report	1966
19790076789	Gemini 6 inertial guidance system evaluation and trajectory reconstruction	1966
19790076790	Gemini 7 inertial guidance system evaluation and trajectory reconstruction	1966
19790076798	Gemini agena target vehicle 5003 systems test evaluation /45-day report/	1966
19790076799	Gemini agena target vehicle 5004 systems test evaluation /45-day report/	1966
19790076806	Preliminary definition phase Apollo extension system Subsystems summary Final report	1966
19790076811	Gemini Program Mission Report, Gemini 7	1966
19790076813	Guidance system operations plan AS-501. Volume 2 - Control data and error analysis	1966
19790076814	Guidance and navigation system operations plan mission AS-204A/205, volume 2	1966
19790076861	Test data and instrumentation summary report, September 1966	1966
19790076862	Test data and instrumentation summary report, September 1966	1966
19790076863	Design control specification for abort guidance section, guidance, navigation and control subsystem	1966
19790076924	Apollo guidance and navigation - G and N system operations plan mission AS-204A	1966
19790076929	Guidance and navigation system operations plan Apollo mission 501	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790076971	Lunar excursion module primary guidance, navigation and control subsystem equipment /GFE/, performance and interface specification	1966
19790076973	LEM monthly mass property status report	1966
19790076979	LEM mass property report	1966
19790076981	Design control specification for sections 1, 2, 3, and 4 environmental control subsystem	1966
19790076982	LEM monthly mass property status report, May 1966	1966
19790076983	GFE guidance and navigation performance and interface specification block 1	1966
19790076984	LEM monthly mass property status report, August 1966	1966
19790077012	GT-11 post flight report	1966
19790077044	Design control specification for propellant system and thrust chamber assemblies, reaction control subsystem	1966
19790077059	Apollo extension systems - Lunar Excursion Module. Payload integration addendum to phase B final report. Volume VI Program requirements	1966
19790077093	Test data and instrumentation report	1966
19790077094	Test data and instrumentation summary report, August 1966	1966
19790077099	Test data and instrumentation summary report, 23 June 1966	1966
19790077100	Test data and instrumentation summary report, 25 June 1966	1966
19790077101	Test data and instrumentation summary report, 29 June 1966	1966
19790077103	Test data and instrumentation summary report, 6 July 1966	1966
19790077104	Test data and instrumentation summary report, 15 July 1966	1966
19790077105	Test data and instrumentation summary report, 19 July 1966	1966
19790077106	Test data and instrumentation summary report, 22 July 1966	1966
19790077107	Test data and instrumentation summary report, 29 July 1966	1966
19790077108	Test data and instrumentation summary report, 1 August 1966	1966
19790077109	Test data and instrumentation summary report, 8-22 August 1966	1966
19790077110	Test data and instrumentation summary report, 15 July 1966	1966
19790077111	Test data and instrumentation summary report, 8 August 1966	1966
19790077112	Test data and instrumentation summary report	1966
19790077166	External visual design control specification for display equipment	1966
19790077171	Apollo extension systems - Lunar Excursion Module. Volume VII - Management plan Final report /phase B/, payload integration addendum	1966
19790077224	Apollo program specification	1966
19790077247	Requirements for environmental data in support of the Apollo program, issue 4	1966
19790077969	Weight and performance summary	1966
19790080105	Study of the IU versus the LEM and the CSM for support of experiment S-27	1966
19790085794	The power range adaptability of a typical 710 reactor to low power brayton cycle space power systems	1966
19790086449	Hypersonic Heat Transfer and Cooling Program	1966
19790086451	U.S. Navy Accident Statistics. Calendar Year 1965	1966
19790086454	CY 1966 advanced ramjet concepts program /U/ Monthly technical progress report no. 6, 1-30 Sep. 1966	1966
19790086455	CY 1966 advanced ramjet concepts program /U/ Monthly technical progress report no. 5, 1-31 Aug. 1966	1966
19790086456	CY 1966 advanced ramjet concepts program /U/ Monthly technical progress report no. 3, 1-30 Jun. 1966	1966
19790086457	CY 1966 advanced ramjet concepts program /U/ Monthly technical progress report no. 4, 1-31 Jul. 1966	1966
19790086458	CY 1965 advanced ramjet concepts program /U/ Monthly technical progress report no. 12, 1-28 Feb. 1966	1966
19790086461	A study of composite propulsion systems for advanced launch vehicle applications /U/ Fifth monthly progress report, 20 Nov. 20 Dec. 1966	1966
19790086463	Hypersonic ramjet propulsion program /U/ Monthly progress report	1966
19790086473	Inertial guidance system and computer analysis /U/	1966
19790086475	Advanced combustion chamber /Toroid/ /U/ Quarterly report, 15 Oct - 15 Jan. 1965	1966
19790086477	Lunar orbital survey missions. Volume I Systems analysis and spacecraft integration /U/ Interim report	1966
19790086478	Chamber technology for space storable propellants /U/ Ninth quarterly progress report, 25 Jul. - 25 Oct. 1966	1966
19790086479	Advanced engine design study, Bell /AEB/ /U/ Quarterly summary report, 22 Apr. - 22 Jul. 1966	1966
19790086480	Advanced combustion chamber /toroid/ /U/ Final report, Jun. 1965 - Sep. 1966	1966
19790086481	Plug cluster nozzles /U/	1966
19790086482	Advanced engine design study, Bell /AEB/ /U/ Quarterly report, 22 Jul. - 22 Oct. 1966	1966
19790086487	Scramjet thermal protection program /U/ Progress report, 1-30 Nov. 1966	1966
19790086491	System analysis of gelled, space-storable propellants /U/ Quarterly progress report, 1 May - 30 Jul. 1966	1966
19790086492	System analysis of gelled, space-storable propellants /U/ Quarterly report, Aug. Oct. 1966	1966
19790086493	Storable propellant combustion instability program at Lewis Research Center /U/	1966
19790086497	Aerospace vehicle defense /U/	1966
19790086502	Soft X-ray-to-visible image converter /U/ Final report, 2 Jun. 1964 - 2 Jun. 1966	1966
19790087129	TRAP re-entry data report for AFWTR test no. 7927 /U/	1966
19790087130	TRAP re-entry data report for AFWTR test 8988 /U/	1966
19790087133	FTM 522 white arc /16 Aug. 66/ LGM-30A FOLLOW-ON operational test launch NR 10 Wing I, WS-133A /C/ Minuteman flight test report	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087143	TRAP re-entry data report for WSMR test Athena 030 /U/	1966
19790087144	TRAP re-entry data report on Athena flight 028 /U/	1966
19790087162	Development and test of high energy solid propellants /U/ Second quarterly report	1966
19790087164	Research in high-energy oxidizers /U/ Second quarterly progress report, 1 Oct. 31 Dec. 1965	1966
19790087168	minuteman flight test report, 8 December 1966	1966
19790087169	MINUTEMAN FLIGHT TEST REPORT, 8 AUGUST 1966	1966
19790087188	Reentry data report - WSMR tests Athena 55 and 56 /U/	1966
19790087860	XB-70A air vehicles /U/ Monthly progress report no. 22	1966
19800070644	Materials data handbook: Inconel Alloy 718	1966
19800073445	The ion sheath surrounding a charged spherical conductor in a plasma	1966
19800073448	An atlas of Alouette 2 ionograms recorded at Port Stanley, Singapore and Winkfield during the month after launch	1966
19800073503	Scintillation of a radio star at a subauroral latitude	1966
19800079089	The Stability of Crossed-Field Electron Beams	1966
19800081925	Some torsion problems in elasticity	1966
19810066208	Instrumentation and preliminary results from shipboard measurements of vertical incidence ionospheric absorption	1966
19810068561	Observed millimeter wavelength brightness temperatures of Mars, Jupiter, and Saturn	1966
19810079292	Bearing friction change with acceleration in a ball-bearing gyroscope	1966
19820067090	Life support system for space flights of extended time periods	1966
19820068900	On the linear regulator problem and the matrix Riccati equation	1966
19820071208	Realization of transfer functions with logical networks	1966
19820074730	Test activity report (U)	1966
19820076169	Analytical and experimental investigation of hypersonic inlets for dual-mode combustion application (U)	1966
19830071514	A review of the literature on optimization technique and minimax structural response problems	1966
19830071859	Qualification of the Gemini SE-7 engine as the Saturn S-IVB stage ullage control thruster	1966
19830071860	Analytical studies of the use of the propulsive-lift concept for the descent and landing of manned entry vehicles (PLAME)	1966
19830074478	Engineering Study and Experiment Definition for an Apollo Applications Program Experiment on Vehicle Disturbances Due to Crew Activity. Volume 1: Technical Proposal	1966
19830079596	Dynamic stability characteristics of a 10-deg cone at large amplitudes of oscillation at mach number 10	1966
19830082572	Operational evaluation of the CV-7A airplane	1966
19830083358	Gemini 7 D4/D7 radiometer calibrations 15 April 1966. Appendix 1, section A (U)	1966
19830083359	Gemini 7 D4/D7 interferometer calibrations (I-14 PbS section) 15 April 1966. Appendix 1, section B (U)	1966
19830083360	Detailed operational procedures, Gemini 5, appendix 2A (U)	1966
19830083361	Detailed operational procedures: Gemini 7. Appendix 2B (U)	1966
19830083362	Gemini coordinated launch countdown interfaces, Gemini 5. Appendix 3A (U)	1966
19830083363	Gemini coordinated launch countdown interfaces, Gemini 7. Appendix 3B (U)U)	1966
19830083364	Digital computer trajectory data. Appendix 4 (U)	1966
19830083365	Flight plan as flown, Gemini 5. Appendix 5A (U)	1966
19830083366	Flight plan as flown, Gemini 7. Appendix 5B (U)	1966
19830083367	The D4/D7 celestial radiometry and space object radiometry, Gemini 7. Lunar measurements, 1 May 1966 (U)	1966
19830083369	Gemini 7: D4/D7 celestial radiometry and space object radiometry. Terrestrial background measurements, 29 May 1966. Appendix 8 (U)	1966
19830083475	Elucidation of the structure of cross-linked macromolecules, especially cross-linked polyester resins, by chemical methods	1966
19830083625	Steam production by electrode boilers	1966
19840067143	Advanced deep space communication systems study	1966
19840067159	Process techniques study of integrated circuits	1966
19840067160	Process techniques study of integrated circuits	1966
19840067162	Submillimeter power measurement technique, first phase	1966
19840072513	Apollo: Ship track indicator system servo design	1966
19840072514	Rudder and steering response of the USNS Vanguard	1966
19850076335	Apollo mission AS-206A spacecraft reference trajectory. Volume 2: Spacecraft data, trajectory listing and printout key	1966
19850076336	Apollo mission AS-207A preliminary spacecraft reference trajectory. Volume 2, book 3: Trajectory listing and printout key	1966
19850076337	Apollo mission AS-207A preliminary spacecraft reference trajectory. Volume 2, book 4: Trajectory listing and printout key	1966
19850077028	Apollo mission AS-207A preliminary spacecraft reference trajectory. Volume 1: Trajectory description	1966
19850077029	Apollo mission AS-207A preliminary spacecraft reference trajectory, volume 2. Book 1: Trajectory listing and printout key	1966
19860067742	History: Project First, F-1 combustion stability program. Volume 3, book 1	1966
19860067743	History: Project First, F-1 combustion stability program. Volume 3, book 2	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19870067154	A study of composite propulsion systems for advanced launch vehicle applications	1966
19870067155	A study of composite propulsion systems for advanced launch vehicle applications. Volume 2, part 1	1966
19870067156	A study of composite propulsion systems for advanced launch vehicle applications. Class 2 engine information, volume 7	1966
19870067157	A study of composite propulsion systems for advanced launch vehicle applications. Class 1 engine information, volume 6	1966
19870067158	A study of composite propulsion systems for advanced launch vehicle applications. Class 0 engine fact sheets, volume 5, part 2	1966
19870067159	A study of composite propulsion systems for advanced launch vehicle applications. Class 0 engine fact sheets, volume 4, part 1	1966
19870067160	A study of composite propulsion systems for advanced launch vehicle applications, volume 3, part 2	1966
19880069007	Symposium of Scientific Satellite Projects of the Special Committee on Space Study of the National Science Conference of Japan	1966
19880069082	Symposium on Astrophysics of the Special Committee on Cosmic Space of the National Science Conference of Japan	1966
19880069144	Technical progress, fiscal affairs, obsolescence	1966
19880069648	Research and development in the field of physical determination of mass properties	1966
19880071022	An analytical investigation for the application of structural concepts to hypersonic inlet configurations	1966
19890068541	Orbital and rendezvous report for Gemini 10	1966
19890068760	NASA's role in moving new technology from the laboratory to the marketplace	1966
19890069012	NASA and the Space Science Board of the National Academy of Sciences	1966
19890072567	Interagency Chemical Rock Propulsion Group. Liquid Propulsion Subgroup, Fiscal Year 1966 Report	1966
19900066796	High density astrophysics	1966
19900066961	The isotropic cosmic microwave radiation at 2.63 mm from observations of interstellar CN	1966
19900067056	Second NASA-Wide Reliability and Quality Assurance Meeting	1966
19900067057	Introductory remarks of the 2nd NASA-wide Reliability and Quality Assurance Meeting	1966
19900067058	Recent experience in space science and applications programs	1966
19900067059	Program manager's perspective on R and QA	1966
19900067060	Quality assurance on the Tiros Operational Satellite (TOS) system	1966
19900067061	R and QA experiences in a small flight project	1966
19900067062	Surveyor spacecraft quality assurance actions	1966
19900067063	Scout reliability and quality assurance	1966
19900067064	R and QA experience with a university research laboratory	1966
19900067065	Quality experience on NASA's largest precision instrument (210 foot antenna)	1966
19900067066	Experiences in applying NPC 200-2 in the Nerva program	1966
19900067067	KSC experiences in applying NPC 200-3 to new procurements	1966
19900067068	A profile of present and future GSFC supplier survey activities	1966
19900067069	Quality improvements through the application of GSFC incoming inspection results	1966
19900067070	NASA quality assurance policy and procedure status	1966
19900067071	Assessing effectiveness of R and QA activity in procurement	1966
19900067072	Experiences in reliability and quality assurance programming in the Lunar Orbiter incentive contract	1966
19900067073	The effect of incentive fee on reliability demonstration of liquid rocket engines	1966
19900067074	Problems and experiences in quality assurance on Saturn V S-2 stage	1966
19900067075	Agency quality assurance plans and quality status reports	1966
19900067076	Some experiences in quality at Michoud assembly facility	1966
19900067077	Resident representative's review of R and QA requirements on the RL-10 engine program	1966
19900067078	Utilization of NASA-O quality data	1966
19900067079	Improvements in failure reporting, analysis and corrective	1966
19900067080	Failure reporting and corrective action	1966
19900067081	An unsatisfactory condition reporting system for multi-project operations	1966
19900067082	Customer involvement in failure review	1966
19900067083	Need for visual inspection	1966
19900067084	Human factors bearing on plant personnel motivation	1966
19900067085	Apollo manned flight awareness program	1966
19900067086	Utilization of the DOD for R and QA support in contractor's plants	1966
19900067087	MSC experiences in contamination control	1966
19900067088	Microelectronics on ATS	1966
19900069551	Portable video mapper (TAC (Tactical Air Command) mapper)	1966
19900070266	UHF automatic radio relay pod, annex E	1966
19900071445	Heat transfer in structural honeycomb composites at high temperature	1966
19910072582	Lectures on Space Physics	1966
19910072583	Introductory space science	1966
19910072585	Microwave absorption in models of the atmosphere of Venus	1966
19910072602	Growth of weak turbulent magnetic fields. 1: Inability to predict whether dynamos exist	1966
19910072603	Some comments on Oster's radiative transfer equation	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19910072851	Relativistic supernova models	1966
19910072856	Lectures on weak interactions in astrophysics	1966
19910072861	On the stabilization of galaxy clusters by ionized gas	1966
19910072975	Growth of weak turbulent magnetic fields. 2: Estimates of behavior for large diffusivity/viscosity ratio	1966
19910073018	Considerations in the management of manpower in space	1966
19910073834	Dynamics and energetics of strong radio sources	1966
19920075297	Saturn AS-201/Apollo postflight trajectory	1966
19920075300	Saturn SA-203 postflight trajectory	1966
19920075314	Saturn S-1B stage and Saturn 1B program: Saturn AS-202 postflight trajectory	1966
19930074338	Voyager capsule system	1966
19930074832	A descriptive model for determining optimal human performance in systems	1966
19930078716	Technical facilities capability catalog	1966
19930078734	Study of trajectories and upper-stage propulsion requirements for exploration of the solar system	1966
19930078741	Study of trajectories and upper-stage propulsion requirements for exploration of the solar system	1966
19930078791	The flutter of towed rigid decelerators	1966
19930078795	Mars 71/73 probe configuration and mission design study	1966
19940004624	Study of the radiation and convection environment of the Saturn 5	1966
19940005516	Effects of turbulence in constricted-arc plasma generators	1966
19940040901	Saturn technical information handbook, volume 1	1966
19940040902	Saturn technical information handbook, volume 2	1966
19940040903	Saturn technical information handbook, volume 3	1966
19940040904	Saturn technical information handbook, volume 4	1966
19950002827	Gemini 3 70mm photography identification	1966
19960024237	Parametric Study of Glass-Filament-Reinforced Metal Pressure Vessels	1966
19960025496	Third Regional Technical Conference on Coloring of Plastics	1966
19960025500	Regional Technical Conference on Reinforced Plastics: New Frontiers 1966	1966
19960025685	Regional Technical Conference on Meaningful Testing of Plastics	1966
19960026327	Resource And Environmental Profile Analysis of Plastics And Competitive Materials	1966
19960026839	8th Annual Seminar on Plastics for Tooling	1966
19960027388	Social Organization of a University Laboratory	1966
19960027846	Investigation of Thermal Endurance and Temperature Classification of VITAC: A High Temperature Regid Electrical Insulating Material	1966
19960039969	A Lunar Surface Probe Delivery System Based on the Lunar Orbiter	1966
19980227214	Feasibility of Accelerating Micron-Size Particles in Shock-Tube Flows for Hypervelocity Degradation of Reflective Surfaces	1966
19980228148	Plasma Physics and Controlled Thermonuclear Fusion	1966
19990041996	Data Conditioning and Display for Apollo Prelaunch Checkout: Single Parameter Data Compression and Display	1966
19990042002	Data Conditioning and Display for Apollo Prelaunch Checkout: Servo Response Display Checkout	1966
19990042064	Criteria for Use of Catalytic Reactors in Large LO2/LH2 Engine Ignition Systems	1966
19990042432	Mixing of Wall-Injected Hydrogen in a Supersonic Combustor	1966
19990046745	Advanced Propulsion/Reaction Control System Study for a Manned Orbiting Research Laboratory	1966
19990047255	Stress Measurements on Blair High School Gymnasium: A Demonstration of Space Technology Transfer	1966
19990052539	The Effect of High-Molecular-Weight Polymer Additives on the Performance of a Conical Diffuser	1966
19990052540	Maintainability in Design: A-7A Case History	1966
19990052777	The Reduction of Pogo Effects by Gas Injection	1966
19990052911	Integrated Hull Design, Boundary-Layer Control and Propulsion of Submerged Bodies	1966
19990053111	Design of a Nuclear Propulsion Module	1966
19990054378	Data Conditioning and Display for Apollo Prelaunch Checkout: Signal Flow Display Technique	1966
19990060905	An Analysis of the "Laminar Instability" Problem in Heated Reactor Passages	1966
19990076152	Preliminary Thrust and Ion Energy Measurements: Electron-Cyclotron-Resonance Plasma Accelerator	1966
19990111663	Chamber Technology for the Space Storable of 2-MMH Propellant Combination	1966
19990114285	Development Progress of Small Bi-Propellant Control Rocket Engines for Space Vehicle Applications	1966
20000004283	Rocket Testing of Four Flox-Light Hydrocarbon Propellant Combinations	1966
20000004323	Future Trends in Electric Propulsion	1966
20000021060	Heat Transfer to Hydrogen Flowing Turbulently in Tubes	1966
20000025337	Review of Transfer Function Measurements in the Nuclear Rocket Program Using Noise Techniques	1966
20000094430	Publisher's Catalogs: Ames Research Center	1966
20000110940	Study on Development of Saturn Manufacturing Technology for Welding Methods and Techniques to Reduce Hydrogen Porosity	1966
20010002567	Formulation and Evaluation of a Triangular Cross Section Ring Discrete Element	1966
20010018112	Biophysical Mechanisms and Scaling Procedures Applicable in Assessing Responses of The Thorax Energized by Air-Blast Overpressures or by Non-Penetrating Missiles	1966
20010119610	Upper and Lower Bounds for the Eigenvalues of Vibrating Beams with Linearly Varying Axial Load	1966
20020012612	Development of Dispersion-Strengthened Nickel and Cobalt-Base Alloys	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20020012633	Metallurgical Variables Affecting Fracture Toughness in High-Strength Sheet Alloys	1966
20020013022	Investigation of Phenomenon of Superplasticity in Metals	1966
20020018934	Acceptance Test of Code E-250 Engine	1966
20020024940	Local Scientific Survey Module Ride Dynamics Study	1966
20020042257	Fracture of Metals During Deformation Processing Under Conditions of Hot Working	1966
20020042262	Investigation of the Feasibility of Applying Ultrasonic Energy to the Sheet Rolling Process for Metals	1966
20020042263	Validation of Design Theory for Aircraft Arresting Gear Cable	1966
20020042275	Determination of the Effective Elastic Properties for Biaxially Fiber-Reinforced Materials	1966
20020042276	Macrolaminate Particle Material Development	1966
20020042278	Weld Crack Sensitivity of Rene' 41	1966
20020042283	Investigation of the Creep, Fatigue, and Transverse Properties of Al3Ni Whisker and CuAl2 Platelet Reinforced Aluminum	1966
20020042289	Development of a New High-Strength Semiaustenitic Precipitation Hardenable Stainless Steel	1966
20020042291	Development of High Temperature Thermal Conductivity Standards	1966
20020042292	Tungsten Alloys for Rocket Nozzles	1966
20020042309	Fracture of Metals During Deformation Processing Under Conditions of Hot Working	1966
20020042391	Investigation of the Ductility of TZM Alloy. Correlations Between Extrudability of Ingot Material and High Strain Rate Tensile Tests	1966
20020042392	Intermittent Creep and Stability	1966
20020042408	The Characterization and Penetration of Metal Oxide Films	1966
20020042409	Very High Temperature Coatings for Tantalum Alloys	1966
20020042410	Development of Composite Structures for High-Temperature Operation	1966
20020042415	Survey of Current Knowledge of the Deformation Characteristics of Beryllium, The Refractory Metals and the Superalloys	1966
20020042420	Protective Coatings for Tantalum-Base Alloys	1966
20020042423	Advancement of Structural Beryllium Technology	1966
20020042424	Flow and Fracture Characteristics of Beryllium	1966
20020043117	Research on Boron Filament-Metal Matrix Composite Materials	1966
20020043382	Creep-Rupture Properties of FS-85 Alloy and Their Response to Heat Treatment	1966
20020043388	Development of Oxygen-Resistant Hafnium Alloys	1966
20020043427	Development of Coatings for Protection of Dispersion Strengthened Nickel from Oxidation	1966
20020043428	Research on the Technology of Tantalum Alloys with Maximum Strength in the 3000 F to 3500 F Range	1966
20020043429	Determination of the Effective Elastic Properties for Biaxially Fiber Reinforced Materials	1966
20020043433	Development of Columbium Base Alloys	1966
20020043731	Thermodynamics of Interstitial Solid Solutions and Refractory Compounds	1966
20020043754	Deformation Processing of Anisotropic Metals	1966
20020043755	Investigation of Possible Advantages of Utilizing Heated Rolls for Hot Rolling Metals	1966
20020043759	Investigation of Interface Friction Between Tool and Workpiece Materials Under Conditions of Plastic Deformation	1966
20020044003	Compatibility of Tantalum Columbium, and Their Alloys with Hydrogen in Presence of Temperature Gradient	1966
20020044187	Development of High Strength Aluminum Alloys with Improved Stress Corrosion Resistance	1966
20020044189	A Facility for Studying Elastic Moduli as a Function of Temperature by an Ultrasonic Method. Measurements on Vanadium-20 w/o Titanium	1966
20020044191	Tantalum System Evaluation	1966
20020044196	High-Temperature Columbium and Tantalum Alloys	1966
20020044197	Effects of Processing Variables on the Structure and Properties of Refractory Metals	1966
20020046711	Fabrication of Wrought Beryllium	1966
20020046727	Investigation of Possible Advantages of Utilizing Heated Rolls for Hot Rolling Metals	1966
20020046732	Investigation of Fracture in Connection with Hot Deformation Processing of Metals	1966
20020046736	Deformation and Fracture in Fiber-Reinforced Metals	1966
20020046739	Strengthening of Chromium Composites	1966
20020046741	Investigation of Phenomenon of Superplasticity in Metals	1966
20020046746	Development of Joining Techniques for TD Nickel-Chromium	1966
20020046747	Effects of Thermo-Mechanical Variables on the Texture and Bend Ductility of High Purity Beryllium Sheet	1966
20020046749	Improvement of the Properties of Dispersion Strengthened Nickel-Chromium Alloys	1966
20020046854	Development of Die Materials for Hot Extrusion of Steel and Refractory Metals	1966
20020046859	Extreme Vacuum Technology Including Cryopump, Ion Pump, and Pressure Standardization Studies	1966
20020046860	Mechanisms of Slow Crack Growth in High-Strength Alloys	1966
20020046872	Development of Materials and Materials Application Concepts for Joint Use as Cryogenic Insulation and Micrometeorite Bumpers	1966
20020046878	Characterization of the Mechanical Properties of Distilled and Zone-Refined Beryllium	1966
20020046882	Study of Methods to Produce Composite Beryllium Blades	1966
20020046883	Evaluation of the Stress Corrosion Susceptibility of Titanium Sheet Alloys Coated with High Temperature Sealants	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20020046884	Investigation of Phenomenon of Superplasticity in Metals	1966
20020046890	Development of Materials and Materials Application Concepts for Joint Use as Cryogenic Insulation and Micrometeorite Bumpers	1966
20020046891	A Study of the Mechanism of Stress Corrosion Cracking in the Iron-Nickel-Chromium Alloy System	1966
20020046894	The Role of Emittance in Refractory Metal Coating Performance	1966
20020046895	Cyclic Hot Salt Stress Corrosion of Titanium Alloys	1966
20020046901	Development of Design and Manufacturing Technology for Integrally Formed Structures	1966
20020048183	Investigation of the Nature of Structural Damage in Metal-Forming Processes	1966
20020048184	Development of Coatings for Protection of Dispersion Strengthened Nickel from Oxidation	1966
20020048194	Fatigue Study on Ti-721 Alloy Plate and Weldments	1966
20020048360	Investigation of the Nature of Structural Damage in Metal-Forming Processes	1966
20020048366	Investigation of Advanced High Strength Alloys Used in Weight Reduction of the Saturn V Thrust Structure	1966
20020048367	Flow and Fracture Characteristics of Beryllium	1966
20020048371	Research on Effects of High Purity in Wrought Polycrystalline Beryllium Sheet	1966
20020048372	Investigation of Interface Friction Between Tool and Workpiece Materials Under Conditions of Plastic Deformation	1966
20020048374	Macrolaminate Particle Material Development	1966
20020048375	Circulating Autoclave System for Stress Corrosion Cracking Studies	1966
20020048376	Development and/or Establishment of Processes to Fluxless Braze Complex Structures of Aluminum Alloys	1966
20020048378	Development of Fused Slurry Silicide Coatings for the Elevated-Temperature Oxidation Protection of Columbium and Tantalum Alloys	1966
20020048466	Research for Development of a Superior Titanium Alloy for Use Up to 1200 degree F	1966
20020048482	Electric-Arc Furnace Reduction of Tin Slag for Production of Columbium-Tantalum-Bearing Alloy	1966
20020048484	A Fundamental Investigation of the Nature of Stress-Corrosion Cracking in Aluminum Alloys	1966
20020048488	Development of Dispersion-Strengthened Nickel- and Cobalt-Base Alloys	1966
20020048498	Evaluation and Improvement of Coatings for Columbium Alloy Gas Turbine Engine Components	1966
20020048500	Ductile Coatings for Columbium Alloys	1966
20020048506	Research on Dispersion Strengthened Cobalt Base Alloys	1966
20020048507	Fracture in Alpha Titanium	1966
20020048508	Development of a Wrought Tungsten Base Alloy	1966
20020048621	Investigation of Fracture in Connection with Hot Deformation Processing of Metals	1966
20020048622	Electrodeposition of Aluminum from Fused-Salt Electrolytes Containing Aluminum Chloride	1966
20020048623	Brazing Beryllium by Capillary Flow	1966
20020048627	Beryllium Diffusion Barrier Coatings	1966
20020048803	Determination of the Effective Elastic Properties for Biaxially Fiber-Reinforced Materials	1966
20020048815	Mechanical Properties of 2618 Aluminum Alloy	1966
20020050317	The Theoretical Strength of Titanium Calculated from the Cohesive Energy	1966
20020050453	Fabrication of Beryllium - Vol. V: Thermal Treatments for Beryllium Alloys	1966
20020051251	Development of a Manufacturing Process for the Electroslag Melting and Casting of Materials	1966
20020051262	Heat Treatment by Molten Glass	1966
20020051263	Portable Moving Electron Beam Welding System	1966
20020051264	Corrosion Properties of Molybdenum, Tungsten, Vanadium, and Some Vanadium Alloys	1966
20020051270	Development of a Titanium Alloy Foil and Sheet Rolling Process	1966
20020051427	Process Development for Decision Radial Forging of Integral Turbine Wheels	1966
20020051442	Development of Columbium Base Alloys	1966
20020051443	Research on the Technology of Tantalum Alloys with Maximum Strength in the 3000 degree F to 3500 degree F Range	1966
20020051444	The Primary Working of Refractory Metals	1966
20020051445	Research on Effects of High Purity in Wrought Polycrystalline Beryllium Sheet	1966
20020051446	Development and Evaluation of Gas Cushion Techniques for Extrusion of High Strength and Refractory Metals	1966
20020051472	Macrolaminate Particle Material Development	1966
20020052127	Thermomechanical Treatments Applied to Ultrahigh Strength Steels	1966
20020052321	Investigation of Advanced High Strength Alloys Used in Weight Reduction of the Saturn V Thrust Structure	1966
20020052322	Evaluation of the Stress Corrosion Susceptibility of Titanium Sheet Alloys Coated with High Temperature Sealants	1966
20020059522	1400 Degrees F Ultra High Strength Alloy Development Program	1966
20020062077	Fabrication of Wrought Beryllium. Part I - A Wrought Fabrication Process for Vacuum Cast Beryllium Ingots. Part II - Y-12 Plant Processing Technology for Ingot Beryllium	1966
20040075047	Surveyor Project: Lunar Scientific Model	1966
20050134731	Some Observations on the Effects of Heat, Exercise and Hypohydration upon Involuntary Hypohydration in Man	1966
20050158823	Report of the Ad Hoc Subpanel on Reusable Launch Vehicle Technology	1966
20050168163	J-2X Experimental Engine	1966
20050168298	Advanced Engineering Program System and Dynamics Investigation (Aerospike)	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20050201556	Effectiveness Analysis of CBU-1 Against Selected Targets	1966
20050201652	Counter Sam Evasive Maneuvers	1966
20050229156	Launch of Reentry E Experiment in Scout Reentry Heating Project	1966
20050229157	Reentry E Experiment in Scout Reentry Heating Project Post Launch Report No. 1	1966
20050229358	INTELSAT II-A Launch; Communications Satellite Corporation	1966
20050229868	Surveyor A Lunar Flight Project	1966
20050229869	Surveyor Lunar Flight Project, Mission B	1966
20050229872	Pioneer B Flight Mission	1966
20050229967	Applications Technology Satellite B (ATS-B)	1966
20050229987	Lunar Orbiter A Flight Project	1966
20050229988	Lunar Orbiter B Mission	1966
20050230177	Gemini Flight Number Nine	1966
20050232736	Gemini VIII Mission, Post Launch Report No. 1	1966
20050232738	Gemini IX-A	1966
20050232739	Gemini X Mission, Post Launch Report No. 1	1966
20050232741	Gemini X-A Mission	1966
20050232743	Gemini XII Mission, Post Launch Report No. 1	1966
20050232772	Seventh Atlas/Centaur Development Flight	1966
20050232884	Interplanetary Explorer Project (IMP-D)	1966
20050234544	Orbiting Geophysical Observatory (OGO) Project	1966
20050234583	Gemini XI Mission, Post Launch Report No. 1	1966
20050234593	Orbiting Astronomical Observatory (OAO-A)	1966
20050236241	Eighth Atlas/Centaur Development Flight	1966
20050236478	Biosatellite A Flight Project	1966
20050236481	TIROS OT-3	1966
20050236484	Nimbus C Meteorological Satellite Project	1966
20050236499	INTELSAT II-A, Post Launch Report No. 1	1966
20050236529	Apollo-Saturn Flight, Mission AS-203	1966
20050236530	Apollo Saturn Flight, Mission AS-202	1966
20060021383	Stress Cracking in Sea Water of Machined Butt Welded TI-721 Alloy Plate	1966
20060021776	List of Military and Civil Defense Radiac Devices. 1966	1966
20070015879	Method of Methemoglobin Determination in the Blood by Means of its Cyanide Compound (Cyanmethemoglobin)	1966
20080002317	Bellcomm, Inc. Quarterly Progress Report: April, May, June 1966	1966
20080002321	Bellcomm, Inc. Quarterly Progress Report: January, February, March 1966	1966
20080037299	Bending Strength of a Large Thin-Walled Pressure-Stabilized Cylinder beyond Onset of Compressive Skin Wrinkling	1966
20090005861	Genesis of Bimodal Distributions	1966
20090005865	Large-Scale Lunar Photogrammetry	1966
20090006598	Electrostatic Interactions in Gas-Solid Chromatography	1966
20090006599	Molecular Structure and Configuration of Polymers: NMR Spectra of Poly (Alkylene Oxide) Terminal Groups	1966
20090006602	Study of Venus by CW Radar - 1964 Results	1966
20090006714	The Coupling of Biologically Active Molecules to Insoluble Polymers: Antibody on Cellulose	1966
20090006715	Developments in Micro Gas Chromatography	1966
20090006716	The Effect on the Lunar Orbit of Meteoritic Accretion	1966
20090006717	Radiometric Mapping of the Moon at 3 Millimeters Wavelength	1966
20090006811	Bellcomm, Inc. Quarterly Progress Report: July, August, September 1966	1966
20090006815	Power Spectral Density Analysis	1966
20090006835	Organic Synthesis Using Fused Salt Systems. Preparation of Polytriphenylene	1966
20090006836	The Application of Ross Filters to the Non-Dispersive X-Ray Analysis of Aluminum and Silicon	1966
20090006841	The Mechanism of Thermal Degradation of Certain Polyether-Polyurethans	1966
20090006941	Recovery Requirements: Gemini X	1966
20090008528	Guidance and Control of the Mariner Planetary Spacecraft	1966
20090008667	Some Effects of Fillers on the Deformation and Rupture of an Elastomer	1966
20090009151	Trajectory Determination from Observational Data	1966
20090009953	Bellcomm, Inc. Quarterly Progress Report: October, November, December 1965	1966
20090010002	Integration of Recent Structural Development Programs for Saturn Vehicle Improvement (903 and 904 Tasks).	1966
20090010312	Review and Evaluation of Recent Structural Development Programs (903 and 904 Tasks)	1966
20090011941	Manned Space Flight Support Requirements Documentation Manual	1966
20090011943	Superconducting Transition of a Rotating Superconductor - The Hollow Cylinder	1966
20090011955	Depth of the Lunar Dust; Strength of the Lunar Dust; Bearing Strength of "Fairy Castle" Structures	1966
20090012451	Lunar Dust Depth in Mare Cognitum	1966
20090012491	The Chemistry and Use of Cellulose Derivatives for the Study of Biological Systems	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20090012493	Synthesis of Carbon-14 Labeled Isocyanates. Determination of the Carbon-14 Distribution in the Isocyanate Groups of 2, 4-Tolylene Diisocyanate	1966
20090012494	Error Curves for Lanczos' "Selected Points" Method	1966
20090012496	Electron Transfer to Vinylaromatic Polymers	1966
20090016396	Saturn Apollo Applications Document Index	1966
20090017307	Apollo Lunar Landing Mission Symposium	1966
20090017509	Apollo Acronym List	1966
20090017745	Pyrolysis Studies. Controlled Thermal Degradation of Mesoporphyrin	1966
20100003001	Annual Progress Report to National Aeronautics and Space Administration BioScience Research During Earth-Orbiting Missions: Manned Orbital Research Laboratory	1966
20100003403	Annual Progress Report to National Aeronautics and Space Administration Bioscience Research During Manned Earth-Orbiting Missions: Manned Orbital Research Laboratory	1966
20100014014	Facsimile Camera Demonstration. Study of a Survivable Capsule for the Lunar Survey Probe	1966
20100015511	Design Study for Zodiacal-Light Observations from an Orbiting Solar Observatory	1966
20100017039	First Annual Progress Report of Multidisciplinary Space Related Research in the Physical, Engineering, Life and Social Sciences	1966
20100017071	The Stochastic Discrete Maximum Principle for Simple Processes	1966
20100017319	The Application of the Discrete Maximum Principle to Transportation Problems with Linear and Non-Linear Cost Functions	1966
20100039448	Transport Properties of Quadrupolar Gases	1966
20100042153	Lunar Orbiter Project. SFOF Mission Operations Training Procedures - Lunar Orbiter	1966
20100042289	The Maine Story: Improving Science Teaching in Maine Elementary Schools	1966
20100042291	Block II AJ10-137 Apollo Service Module Engine Testing at Simulated High Altitude	1966
20110000014	Apollo Mission Reliability Assessment Study	1966
20110000474	Analysis of the Direct Current Arc	1966
20110000477	Study of Manual Navigation of Spacecraft	1966
20110000490	Basic Studies Related to Electric Vacuum Gyroscope Technology	1966
20110000673	Final Report on Control of Nuclear Rocket	1966
20110001390	Observation of Elastic Waves Produced by Heating from a Modulated Ion Beam	1966
20110001665	Procedure for the Design and Optimization of Liquid Rocket Propulsion Systems	1966
20110020404	Apollo Saturn Flight, Mission AS-201	1966
20110020562	Gemini Flight No. 2 (GT-2) Launch Termination	1966
20110020564	Apollo Saturn Flight Mission AS-201, Post Launch Report No. 1	1966
20110020633	TOS-A (AVCS) Meteorological Satellite Project	1966
20110020721	Nimbus II Mission Post Launch Report No. 2	1966
20110020722	Nimbus II Mission Post Launch Report No. 1	1966
20110020726	Simulated Altitude Testing of the Apollo Service Module Propulsion System (Report 2, Phase 2 Development Test)	1966
20110022537	A Wide-Angle Slitless Spectrograph for Astronomical Spectroscopy in the Ultraviolet	1966
20110022616	Study of Thermal Protection Requirements for a Lifting Body Entry Vehicle Suitable for Near-Earth Missions	1966
20110022617	Shadowgraph Experiments in the Marshall Space Flight Center Jet Flow Facilities	1966
20110022621	NASA Propellant Gas Valve Scale-Up Program, Final Report	1966
20110022629	Reliability Improvement and Weight Reduction of the S-IC Stage Retro Motor	1966
20110022632	Project ABEL	1966
20110022643	Upper-Stage Hybrid Propulsion System Characteristics	1966
20110023065	Space Environmental Testing of Gemini Spacesuit Components and Materials	1966
20110023171	Technological Development of Throttling a Hybrid Propulsion System	1966
20110023184	Rocket Motor, Solid Propellant: Model 100 Landing Rocket. Preliminary Model Specification Model No. TE-M-421-3	1966
20110024060	Strapdown Reference System Experimental Study: Phase B	1966
20110024065	Apollo Extension System (AES): Mission Description - Flight 511	1966
20110024233	Investigation of Nonequilibrium Flow Effects in Hydrogen-Fluorine Rocket Nozzle	1966
20110024250	Evaluation and Demonstration of the Use of Cryogenic Propellants (O ₂ -H ₂) for Reaction Control Systems	1966
20110024253	Saturn I (SA-5) Servicing Requirements (DWG 10M30066)	1966
20110024256	Electromagnetic Investigations of Planetary and Solar Atmospheres and the Lunar Surface Program	1966
20110024257	Satellite Situation Report. GSFC Operations Control Center	1966
20110024260	Investigation of Noise Generating Mechanisms of Deflected and Undeflected Supersonic Rocket Exhausts	1966
20110024261	Paleobiochemistry of Amino Acids and Polypeptides	1966
20110024278	Research on Mineral Constituents of Meteorites	1966
20110942663	Qualification Testing of the Block I Apollo Service Module Engine (AJ10-137)	1966
20120000398	Conduct Research to Develop and Test a Prototype Photo-Polarimeter Suitable for Use with Balloons and Space Vehicles	1966
20120002920	Launch Vehicle Flight Evaluation Report NASA Mission Gemini/Titan, GT-11	1966
20120003281	Results of the Ninth Saturn I Launch Vehicle Test Flight SA-8	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20120009518	Specification: Testing Compatibility of Materials for Liquid Oxygen Systems	1966
20120014492	Saturn S-II Program Documentation Requirements	1966
20130000322	Performance/Design and Acceptance Requirements: Apollo Spacecraft Lunar Excursion Module Adapter Block I and Block II	1966
20130009749	Gemini IX	1966
20130011429	Network Performance Analysis for the Gemini GTA-9/GT-9A Mission	1966
20130013756	Molecular Orbitals and Inner Shell Chemical Shifts for Sulfur and Chlorine Oxy-Anions	1966
20130013757	An Experimental Determination of the Muon Range-Energy Relation at 25-100 BeV	1966
20130013774	Asymptotic Stability in the Large of a Class of Single-Loop Feedback Systems	1966
20130013775	A Cardiometer with Linear Indication of Beat-to-Beat Frequency	1966
20130013777	Radiation Losses From a Test Particle in a Plasma	1966
20130013889	Factors Affecting the Adhesion of Titanium and Molybdenum Couples	1966
20130013904	A Mass-Energy Spectrometer for Space Plasmas	1966
20130013907	Convective Heating in Regions of Large Favorable Pressure Gradient	1966
20130013908	Comparison of Several Trajectory Modes for Manned and Unmanned Missions to Mercury: 1980-2000	1966
20130013909	Delayed Radiation Effects in the Brains of Monkeys Exposed to X- and Gamma-Rays	1966
20130013958	The Slow Motion of a Sphere Through a Viscous Fluid Towards a Plane Surface: II. Small Gap Widths, Including Inertial Effects	1966
20130013959	Analysis of Spectra of Atmospheric Refractive Index Differences	1966
20130013962	Interplanetary Gas. XIV. On the Extent of Effective Corotation	1966
20130014041	CSM/GSE Interface Control Documentation Status Report	1966
20130014107	RCS Module Proof Leakage and Functional Tests	1966
20130014108	A/S Pressurization and Propellant Feed Systems: Proof Pressure and Leak Checks	1966
20130014173	Centaur Guidance System Accuracy	1966
20130014184	The Influence of Structural Resonances on the Error-Detection System of the C.S.I.R.O. 210-Ft Radio Telescope	1966
20130014256	Channel Flow of Gaseous Mixtures in Chemical and Thermodynamic Nonequilibrium	1966
20130014276	Model for Evaluation of Fatty Acid Metabolism for Man During Prolonged Exercise	1966
20130014280	Transport Phenomena in Gases	1966
20130014293	Communications Subsystem Verification	1966
20130014294	Communications Subsystem Verification. Volume 1	1966
20130014299	Vapor Fractionation of Silicate Melts at High Temperatures and Atmospheric Pressure	1966
20130014316	Apollo/Saturn Consolidated Instrumentation Plan for AS-202. Revision 1	1966
20130014356	Apollo Support Program	1966
20130014357	Investigation of Nonequilibrium Flow Effects in Hydrogen-Fluorine Rocket Nozzles	1966
20130014416	Apollo Block 2 Environmental Control System Radiator Development	1966
20130014419	Project Apollo End Item Specification for Cap and Plug Set Assembly Model A14-026 (Configuration - 801). Revision A	1966
20130014497	Second Apollo Experiment Pallet. Volume 1	1966
20130014498	Apollo Guidance, Navigation and Control. G and N System Operations Plan Mission AS-204A/205. Volume 1. Revision 507-1	1966
20130014529	Extended Loading of Cryogenic Tanks	1966
20130014530	Project Apollo End Item Specification for the Water Glycol Container. Model S14-140	1966
20130014598	Extended Loading of Cryogenic Tanks	1966
20130014633	Lunar Excursion Module Support Manual. Engine Firing Control Station. Part No. LDW 410-62220-3	1966
20130014682	Lunar Excursion Module Support Manual. Propellant Loading Control Assembly Controller	1966
20130014694	Transport Coefficients of Partially Ionized Helium	1966
20130014709	Vehicle Plan for Spacecraft 017 and 020 Section II	1966
20130014710	End Item Specification Part I Only. Performance/Design Requirements for Apollo Mission Simulator 1 (Spacecraft 012)	1966
20130014711	Saturn V Operations Plan	1966
20130014716	Little Joe 2 Test Launch Vehicle NASA Project Apollo	1966
20130014747	Design, Fabrication and Test of Breadboard Liquid Hydrogen Pump	1966
20130014822	Turbulent Mercury Jet	1966
20130014823	Generalized Potentials for Inelastic Scattering	1966
20130014854	Experiments with Hydrodynamic Journal Bearings of Various Materials and Designs in Sodium at Temperatures to 800deg F	1966
20130014868	Nitrogen Tetroxide/Titanium Alloy Stress Corrosion Investigation	1966
20130014890	Dayside Magnetic Disturbances at 1100 km in the Auroral Oval	1966
20130014892	The Isolation and Identification of the C17 Saturated Isoprenoid Hydrocarbon 2,6,10-Trimethyltetradecane from a Devonian Shale: The Role of Squalane as a Possible Precursor	1966
20130014896	Single Frequency Light from an Argon FM Laser	1966
20130014897	Measurements of Magnetization in Superconductive Molybdenum	1966
20130014901	Moderately Long-Range Interatomic Forces	1966
20130014902	Multiphonon Relaxation in LaCl3:Nd(3+)	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20130014904	Radiative Transport in an Absorbing Planar Medium	1966
20130014905	The Influence of Water-Vapor Opacity and the Efficiency of Convection on Models of Late-Type Stars	1966
20130014906	Continuous Deflection of Laser Beams	1966
20130014907	Expansion of the Matrix for Resonance Collisions	1966
20130014908	The Spectroscopic Properties of the Ionic-Beam Source	1966
20130014911	Rocket Measurements of D Region Electron Densities at Sunrise	1966
20140000140	Research on Millimeter Wavelength Radiation from Solar Bodies	1966
20140000141	Wind Profile Measurement	1966
20140000142	Man-Machine Performance Measurements	1966
20140000165	Response of Fungi to Diurnal Temperature Extremes	1966
20140000171	D-Region Mobility Spectrometer	1966
20140000182	Optical Exciton-Magnon Absorption in MnF ₂	1966
20140000183	On the Detection of Water on the Moon	1966
20140000184	Spectral Density of 3C 273 Luminosity Fluctuations Possible Random Nature	1966
20140000185	A Rubidium Vapor Magnetometer for Near Earth Orbiting Spacecraft	1966
20140000187	Interference of Fine-Structure Levels of He II	1966
20140000188	Changes to the Topside Ionosphere During a Large Magnetic Storm	1966
20140000189	Observed Particle Effects of an Interplanetary Shock Wave on 8 July 1966	1966
20140000197	Flights of "Surveyor-1" and "Gemini-9"	1966
20140000198	[Feasibility of Spectrometric Measurement of Trace Components of Planetary Atmospheres]	1966
20140000199	Saturn S-IVB Stage Applications	1966
20140000222	Dielectric Constants of PbWO ₄ and CaWO ₄	1966
20140000223	Character of the Equations of Elasto-plastic Flow in Three Independent Variables	1966
20140000226	Apollo Support Program	1966
20140000228	ACE-S/C Reliability	1966
20140000307	NASA Facts: Suggestions for Lesson Planning for Manned Space Flight: Projects Mercury, Gemini, and Apollo	1966
20140000322	Glossary of Terms. Apollo/Saturn Facility Measurements Systems	1966
20140000325	Design of a Fluid-Controlled Solid Rocket Motor (RSVP) for a Space Application	1966
20140000326	Advanced Solid Propellant Formulatoin Techniques	1966
20140000386	Studies of Improved Saturn V Vehicles and Intermediate Saturn Vehicles	1966
20140000388	Saturn S-IVB Stage Applications (Part I) Block I Study	1966
20140000396	Hearing before the Committee on Aeronautical and Space Sciences. United States Senate, Eighty-Ninth Congress, Second Session, on the Nomination of Dr. Robert C. Seamans, Jr., to be Deputy Administrator of National Aeronautics and Space Administration	1966
20140000427	Saturn IB Vehicle Handbook	1966
20140000428	LSSM Preliminary Design Study. Local Scientific Survey Module for Apollo Extension System	1966
20140000807	Competitive Antagonism of Caffeine and Hydrocortisone on the Hypothalamic-Pituitary Stress Response	1966
20140000808	Copper Chelates of Bacteriochlorophyll and Chlorophylls	1966
20140000809	The Ultraviolet Irradiation of an Aqueous Solution of Tyrosine	1966
20140000810	The Preparation and Characterization of Thermal Polyamino Acids with Low Contents of Aspartic Acid	1966
20140000811	Factors Affecting the Assay of ATP-dependent CO ₂ Fixation in Extracts of Chemoautotrophic and Photosynthetic Autotrophs	1966
20140000812	Some Physical and Biological Characteristics of the RTF Factor	1966
20140000813	The Hydroxylation of Nicotine: The Origin of the Hydroxyloxygen	1966
20140000814	The Effect of Salt Concentration on in Vitro ATP-dependent O ₁₄ O ₂ [C ₁₄ O ₁₂] Fixation the Halophilic Photosynthetic Alga, Dunaliella salina	1966
20140000815	Locus and Mechanism of the Inhibition of ATP-Dependent Autotrophic CO ₂ Fixation by Nucleotides	1966
20140000816	Membranes and the Lipogenic Activities of Subcellular Yeast Fractions	1966
20140000817	The Influence of Time of Heating on the Properties of Thermal Polysine	1966
20140000818	Corticoid Influence on Intestinal, NADP-Dependent Enzymes	1966
20140000819	Tissue Regeneration (mitosis) Under Conditions of Altered Gravity	1966
20140000820	Morphological and Biochemical Changes Associated with a Change in Photoperiod (Gallus domesticus)	1966
20140000821	Histones of the Bovine Pituitary Gland	1966
20140001001	Second Apollo Experiment Pallet	1966
20140002927	Modular Cryogenic System Installation	1966
20140002941	A Radiation and Shock Resistant Microphone for Hot Cells	1966
20140002942	Nondestructive Testing of Multilayer Printed Wiring Boards by X-ray Laminography	1966
20140002943	An Orthonormalization Procedure for Multivariable Function Approximation	1966
20140002982	Newtonian Expressions Derived for an Unspecified General Surfaces	1966
20140002983	Electro-Optical Coupling Technique	1966
20140002984	The Floating-Ignition Igniter	1966
20140002985	Orbital Docking & Fuel Transfer System	1966
20140002986	Focused Energy Hypersonic Facility	1966
20140003007	End Closure Ring	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140003008	Poly(arylenesiloxane) Polymers	1966
20140003009	Emergency Vent System For Pressurant Tank	1966
20140003010	Heel Protected Seal	1966
20140003011	New Line Guide for the Line-A-Time	1966
20140003012	Diode Patch Cords	1966
20140003013	Algebraic Monte Carlo Procedure	1966
20140003014	Preprinted Tab Divider Guides	1966
20140003015	Low-Cost, High-Integrity Static Seal	1966
20140003016	Air Contamination of High-Purity Gases	1966
20140003017	Multiple Slide Copier	1966
20140003018	Ignition Sensing Circuit	1966
20140003019	Fixture for Gas Chromatographic Column	1966
20140003020	Gaseous Hydrogen Precooling System	1966
20140003021	Variable Pulse Generator Switch - 28vdc	1966
20140003022	Thin Mylar Gasket Eliminates Need for Plating	1966
20140003024	Unique Nut and Spanner - Wrench	1966
20140003025	Simple Transistorized Conductance Bridge with Phase Sensitive Detector	1966
20140003026	Bending of Circular Plates Under A Uniform Load on A Concentric Circle	1966
20140003027	Bending of Circular Plates Under A Variable Symmetrical Load	1966
20140003028	Circuit Board Extractor	1966
20140003029	Modal Analysis of Launch Vehicles	1966
20140003030	Nylon Coreless Cord Joint	1966
20140003031	Continuous Plasma Light Source	1966
20140003033	Tube Dimpling Tool	1966
20140003034	VHF Q-Multiplier	1966
20140003035	Equilibrium Glide Program	1966
20140003036	High-Integrity Braze Joint	1966
20140003039	Method for Eliminating Second Harmonic Ripple Current from the DC Input Lines in Static Inverters	1966
20140003040	Compressibility Tester	1966
20140003042	Low Velocity Rapid Discharge for the Slow Scan Vidicon	1966
20140003043	Wrought Aluminum Alloy M826	1966
20140003044	Elimination of Duplicate Effort	1966
20140003045	Packaging Method for Wire Harnesses	1966
20140003046	Kel-F Support-Spacers for Cryogenic Lines	1966
20140003047	Aluminum Welds Improved by Bead Removal	1966
20140003048	Far Infrared Spectra of Silicate Materials	1966
20140003049	A Single-Amplifier, Single-Frequency Receiver for Phase Comparison Measurements	1966
20140003050	Coldplate Heat Exchanger	1966
20140003051	Solar Heating Rates (AP 227)	1966
20140003054	Three Axis Manual Controller Positions Pointer on CRT	1966
20140003055	Mandrel Solves Rectangular Tubing Welding Problem	1966
20140003056	Electric Heater Blankets for Actuator of a Vacuum-Enclosed Cryogenic Valve	1966
20140003057	Change in Manufacturing Technique of Spacers, V7-530176	1966
20140003058	Protective Work Platform	1966
20140003059	RTV Molds	1966
20140003066	Fabrication of American-Beryllium Neutron Sources Using A System to Prevent Capsule Contamination	1966
20140003067	Production of the Heaviest Elements By Multiple Neutron Capture	1966
20140003068	Xenon Fluorides In HF as Fluorinating Agents	1966
20140003069	Magnets Used For Installation of Strain Gages In Vertical and Overhead Positions	1966
20140003081	Heliarc Welding Backup Bar Groove Configuration	1966
20140003082	Impervious Membrane Under Epoxy Terrazzo Floors	1966
20140003083	Cone-Support Column Service Propulsion System, Tank Assembly	1966
20140003084	Aerodynamic Seal	1966
20140003085	Reinforcement of S/M Shell Panel Structure for Addition of New System Mounting Provisions	1966
20140003086	Constan Force Friction Device	1966
20140003092	Theory and Application of Long Duration Heat Flux Transducers	1966
20140003120	Simple Path Generation Technique Offers Many Advantages	1966
20140003173	Pilot Tap	1966
20140003246	Economical Production of X-Ray Spectrum in Vacuo-Tantalum Target	1966
20140003248	Bellows Test Device	1966
20140003249	Witherow Pointer	1966
20140003250	Analog Conversion of Maps From L. C. C. Projections and Other Miscellaneous Projections to an Equal Space Projection	1966
20140003251	Lunar Artwork Creation - Composite of Known Data and Hypothetical Data	1966
20140003252	Sunlight and Moonlight Film Exposure	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140003253	Land Water Detail Separation by Combination Front and Backpainting	1966
20140003254	Power Saver	1966
20140003255	Maylar Overlay	1966
20140003256	Paint Pot Filter	1966
20140003257	Use of Infiltrated Braze Alloy for Honeycomb Structures	1966
20140003258	Fixture for Performing Stress Relaxation Tests on Sheet Materials	1966
20140003259	Strap, Console Hand Hold	1966
20140003260	Insulation of Tools Used in Apollo Spacecraft	1966
20140003261	Adhesive Bonding of Aclar to Glass or Fiberglass	1966
20140003262	Countersink Reversing Tool	1966
20140003265	Helium Leak and Pressure Test Fittings for MS or MC Tube Ends	1966
20140003266	Data Acquisition Adapter	1966
20140003267	Logic Change Transactions for an Electronic Data Processing (EDP) System	1966
20140003268	Contract for Installation of Non-bearing Office Partitions	1966
20140003269	Strain Gaged Delection Springs	1966
20140003270	Zipper With Silicone Rubber Protective Cover	1966
20140003271	Fastener Protective Cover Plug and Retainer	1966
20140003272	Captive Screw-retainer	1966
20140003273	Repair or Recovery Techniques for Brazing and Soldering	1966
20140003274	Method and Process for Fabricating Pressure Vessels	1966
20140003275	Welding of Service Propulsion System Fuel and Oxidizer Tanks	1966
20140003276	Modular Cryogenic System Installation	1966
20140003277	Proposed Solution to Visual Display Angle Problem	1966
20140003278	Visual Simulation Subsection	1966
20140003279	Nixie Display Unit Employing Time Shared Logic	1966
20140003283	Spectral Analysis Instrument	1966
20140003284	New Compounds: Magnesium Hexahydrate Tetrachlorometallates	1966
20140003285	Solid Sample Fixture for Raman Spectroscopy	1966
20140003286	Reactions of Olefins with Xenon Fluorides	1966
20140003287	Magnetic Disc Model of Ionic Liquids	1966
20140003300	Small Compact Furnace Support	1966
20140003301	A Lightweight Superconducting Cable	1966
20140003302	Bonding Thermocouples to Glass with Indium Metal	1966
20140003303	Precision Machining of Soft Material	1966
20140003304	Fixture for Stress-Corrosion Tests with Biaxial Stresses	1966
20140003309	Test Lead Adapter	1966
20140003310	Adjustable Jaw Crusher	1966
20140003311	Cleaning Blocked Coolant Passages in Water-Cooled Magnets	1966
20140003312	Relationship Between the Effective Thermal Conductivity and Ultrasonic Transmission for Copper Braze Bonds	1966
20140003315	Two-Stage Payload Adapter for Space Launch Vehicles	1966
20140003316	Non-Contaminating Ultrasonic Couplant for Vertical and Overhead Surfaces	1966
20140003317	Automater Ultrasonic Bond Quality Inspection	1966
20140003318	Easy Removal of Protective Coating	1966
20140003319	Adhesive Bonding Techniques for Neoprene and Silicone Rubber	1966
20140003321	Failure Isolation Using Diagreement Detectors	1966
20140003324	Graphite Sensing Elements for Slug Calorimeter	1966
20140003325	Neat and Efficient Method of Cutting Coil Stock	1966
20140003326	Time Domain Reflectometry Analysis of Shielded, Double Conductor Cable	1966
20140003327	Pulse Regenerator - Line Driver	1966
20140003328	Gasket Cutter	1966
20140003329	Color Coded Dies	1966
20140003330	Orientable Platform for ESS	1966
20140003331	Wide Range Logarithmic Encoding	1966
20140003332	Flexible Controlled Data Formatting	1966
20140003333	Electron Beam-Fluorescent Target Electric Field Meter	1966
20140003334	Logarithmic Converter	1966
20140003335	Inserts for T-Wrenches	1966
20140003336	Thrust System Calibration	1966
20140003337	On-Line Impulse Measurement	1966
20140003338	Phase Locked Oscillator	1966
20140003339	Plate Mount for Power Rectifiers	1966
20140003340	In-Line Filter Holder and Counter	1966
20140003341	Apparatus for Measurement of Dynamic Brush Wear	1966
20140003342	Use of Siloxane Primers to Improve Adhesive Humid Strength Retention	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140003343	Automatic High-Pressure Gas Sampling System	1966
20140003344	Formed Lead Connector Pin	1966
20140003345	Control of Thrust and Mixture Ratio in the Liquid Rocket Engine by Two Separate Feedback Loops	1966
20140003346	Elimination of Rocket Engine Asymmetric Loads at Sea Level	1966
20140003347	Lapping Tool	1966
20140003348	Linear Shaped Charge with Cutting Action in Two Directions	1966
20140003349	Repair or Recovery Techniques for Brazing and Soldering	1966
20140003350	Gravity Return Processing System Virtually Eliminates Cross-Contamination of Solutions, and Costs Less to Install	1966
20140003351	Refractory Graphite Throat Insert - (JTA)	1966
20140003352	Propellant Aspiration System	1966
20140003353	Freon Flow Calibration Tool	1966
20140003354	Crimping Tool for Printed-Circuit-Board Frames	1966
20140003355	Metal-Tube Measuring Instrument	1966
20140003356	Temperature Conditioning Method for Liquified Gas Streams	1966
20140003357	Controlled Metal Removal of Spun-Metal Stems	1966
20140003358	Optical Analysis of Lunar Eject from Lunar Base	1966
20140003359	Simple Technique for Altitude Calculation Above the Ellipsoidal Earth	1966
20140003360	Tubing Support Concept	1966
20140003361	Veri-Cal Console	1966
20140003362	Check Valve Installation in Pilot-Operated Relief Valves to Prevent Reverse Pressurization	1966
20140003363	Welded Module Fabrication Technique	1966
20140003364	Minimizing Internal Stresses In Epoxy Base Resins	1966
20140003365	Experimental Scaling Study of Fluid Amplifier Elements	1966
20140003366	Theoretical Performance Calculation	1966
20140003367	Aerodynamic Heating with Honeycomb	1966
20140003368	Pipe Stress Program	1966
20140003369	PCM Synchronization Pattern Recognition	1966
20140003370	Isotope Collimating Device	1966
20140003371	Collimators for Radiation Shielding	1966
20140003372	Tin Plate - EMI Gasketing	1966
20140003373	Tear Strip - Hermetic Seal and Structural Assembly Unit	1966
20140003379	Calculation of Polynomial Coefficients for Thermodynamic Data	1966
20140003380	A Device to Supply an Accurate Force for Placing Chips on Substrates	1966
20140003381	Electroluminescent Background Lighting for Instrument Illumination	1966
20140003382	Use of Laplace Transformations for Orbital Aerodynamic Drag Effects Estimates	1966
20140003383	COAS Brilliance Control Circuit	1966
20140003384	Heat Sinking of Electronic Components	1966
20140003385	Glass to Aluminum Hermetic Sealing	1966
20140003393	Helical Wrapping Device	1966
20140003394	Five-Horn Monopulse Feed Cassegrain Antenna System	1966
20140003395	Silver-Soldering Small Parts to Thin Material	1966
20140003396	Fiberfrax Filtration to Separate Flux from Metal	1966
20140003407	Electrolytic Silver Ionization Cell for Water Disinfection	1966
20140003408	Low Speed Frequency Demodulator	1966
20140003409	Helix Assembly for Magnetic Recording	1966
20140003410	Space Conserving Cryogenic Feed-Thru	1966
20140003411	Power Controlled Bimetallic Actuator	1966
20140003412	Fabrication and Delivery of Non-Destructive Read Out Memory Buffers Using Laminated Layer Technique	1966
20140003418	Bottle Blowdown Analysis	1966
20140003419	Guide Pins for Accurate Positioning	1966
20140003420	Scanner to Detect Buckling of Container Walls	1966
20140003424	Investigation of the Mechanisms of Superconductivity by Nuclear Irradiation	1966
20140003429	Installation of Thermocouples in Inaccessible Places	1966
20140003430	Sling Safety Meter	1966
20140003432	In-Line Quarter Wave Thermal Short	1966
20140003433	Thermocouple Plug Installation for Thick Calorimeter	1966
20140003434	Heat Shield Ejection System	1966
20140003435	Stabilization of Resistance Value to Permit Cryogenic Temperature Measurement	1966
20140003436	Retracting Wire Reel for Automatic Welding Machines	1966
20140003437	Quick-Release Fastener	1966
20140003439	Angular Positioning of Thin Metallic Samples for Optimum Continuous-Wave Ultrasonic Imaging	1966
20140003443	Cantilever Bearing Retainer	1966
20140003446	Glass-To-Metal Seal Temperature Protection	1966
20140003451	Silver-Base Ternary Alloy Proves Superior for Slip Ring Lead Wires	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140003453	Magnesium-Lithium Alloys Developed for Low Temperature Use	1966
20140003459	Novel Titanium Beam Design Saves Weight	1966
20140003465	The Development of a Continuously Operating Source	1966
20140003466	Machine Skate Automatic Wheel Tension Mechanism	1966
20140003467	Adjustable Taper Gauge	1966
20140003468	Securing Orifice Tubing to Wind Tunnel Models	1966
20140003469	Sand-Imbedded Metal Parts Easier to Heat Treat	1966
20140003470	Parallel Transistor Chopping Element	1966
20140003472	Non-Electrolytic Tantalum Capacitor	1966
20140003477	Composite Bulkhead Fabrication Development	1966
20140003478	"Design Guidelines for Circuitry in a Nuclear Reactor Propelled Spacecraft" - a report	1966
20140003482	Evaluation of Thermal Stress Relief Treatments for 2219 Alloy	1966
20140003483	Operational Procedures for Electrostatic Paint Spraying	1966
20140003484	Portable Cable "In-Place" Repair Kit	1966
20140003485	Proving Ring Null Indicator	1966
20140003486	Propellant Tank Liquid Level Indicating Device Correction	1966
20140003487	A Reliable Switch	1966
20140003489	Jettisonable Insulation Panels	1966
20140003490	Dynamic Fluid Balancer for Rotating Equipment	1966
20140003491	Intermediate Bulkhead Assembly for Flight Vehicles	1966
20140003494	Orifice Sizing for Fluid Systems	1966
20140003495	Hand-Held Self-Maneuvering Unit	1966
20140003496	Artificial Head with Simulated Flesh (Electronic Dummy)	1966
20140003497	Bar-Support for Thermocouple Leads	1966
20140003498	Universal-Type Vacuum Chuck	1966
20140003499	Foam Material Compression Test Fixture	1966
20140003500	Fuel-Rich Determination of LOX/Hydrogen Thrust Chamber Tapoff Gas	1966
20140003501	Venting Method for Honeycomb Core	1966
20140003502	Making Pin Vices More Serviceable	1966
20140003503	Eyepiece Beamsplitter	1966
20140003505	Nanosecond Continuity Monitor	1966
20140003506	Cryogenic Seal for Sliding Surfaces	1966
20140003507	Flowmeter Calibration	1966
20140003508	Spring Power System	1966
20140003509	Aural Simulator	1966
20140003510	Hearing Response Amplifier	1966
20140003511	Vocal Simulator	1966
20140003512	Selection and Preconditioning of Sharkskin for Use on Lunar Extravehicular Boots, Gloves, and Other High Abrasion Areas	1966
20140003513	Flame Retardant Composite Structure	1966
20140003514	Low Friction O-Ring	1966
20140003515	Plating Nickel on Aluminum Castings	1966
20140003516	Hafnium-Tantalum Clad Rocket Nozzles	1966
20140003517	Cryogenic Transfer Line Pre-Chill System	1966
20140003518	Support and Attach Mechanism	1966
20140003519	Dynamic Response Analysis of Flexible Equipment in Aerospace Vehicles During Launch Conditions	1966
20140003520	Measuring Device	1966
20140003521	Preplaced Solder Rings Simplify and Expedite the Installation of Small-Diameter Tubing	1966
20140003522	Variable Speed Drive for Tape Recorder	1966
20140003523	Precision Leveling Device	1966
20140003524	Temperature Sensing Device for a Thermobalance Scale	1966
20140003525	Iridium Slurry Coatings for Tungsten	1966
20140003526	Liner Concept for the Pressurized Containment of Cryogenic Fluids in Fiberglass Vessels	1966
20140003527	Reduction of Breakaway Torque in a 20,000 hp Block Test Dynamometer	1966
20140003528	Radiation Aspect Indicator	1966
20140003529	Overload Protection Device	1966
20140003530	Electrometer Preamplifier Using MOS Transistors	1966
20140003531	Gas Leak Detection System	1966
20140003532	EEG Helmet Monitoring System	1966
20140003533	Miniature Piezoelectric Triaxial Accelerometer	1966
20140003534	Method for Checkout of Piezoelectric Transducer Systems	1966
20140003535	Numerical Data Frame Readout System	1966
20140003536	Signal Limiter Provides Tunnel Diode Protection	1966
20140003537	Cavity-Type Absolute Total-Radiation Radiometer	1966
20140003538	Dog-Leg Connector	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140003539	Strap Retainer Device	1966
20140003540	Motion Sensing Switch	1966
20140003541	Water Glycol Low Level Alarm System	1966
20140003542	Use of Calibration Channels in Data Acquisition Systems	1966
20140003543	Electrical Ground Checker	1966
20140003564	Shrink-Fit Cable Clamp	1966
20140003566	Special High Strength Molding Clamp	1966
20140003567	Weld Skate for Saturn SII Bulkhead Welding	1966
20140003586	Frequency Response Routine Which Handles the Effect if Time Delays	1966
20140003588	Simple, Economical Translational Potentiometer Excitation Circuit	1966
20140003590	Data Interleaver Circuit Board Tester	1966
20140003607	Integration by Digital Approximation	1966
20140003608	TV Crossbar Generator	1966
20140003609	Development Requirements Analysis	1966
20140003610	Computer Program for Test Data Plot	1966
20140003611	Measurement of Hypergolic Propellants	1966
20140003612	Soft Frame Adjustable Eyeglasses	1966
20140003613	Test Probes for Connectors	1966
20140003614	Injector Design for Improved Performance and Throttling	1966
20140003615	Anti-Wicking Technique	1966
20140003617	Computer Program to Simulate Supercritical Fluid Storage System	1966
20140003618	APD 114, Apollo Suit Pressure, Flow, and Temperature Analysis - Computer Program	1966
20140003619	Entry Monitor System (EMS)	1966
20140003620	A New Performance Criterion for Linear Filters With Random Inputs	1966
20140003621	Hot Wire Techniques in Low Density Flows With High Turbulence Levels	1966
20140003625	Contaminant Elimination from Critical Gas Purity Analysis	1966
20140003626	A Digital Computer Program for Passive Network Synthesis Subject to a Quantized Value Constraint	1966
20140003627	Attenuator Assembly for Digital Test Command System (DTCS) Signal Out	1966
20140003628	Water-Glycol (W/G) Closed Loops Circulation System Unit	1966
20140003629	Data Interleaving System (DIS)	1966
20140003630	Command Module Window Shades	1966
20140003631	Relay & Time Delay Modules	1966
20140003632	Contour and Radius Generating Setup	1966
20140003633	Panel Illumination by Edge Lighted Lens Technique	1966
20140003634	Synchronization of Power Supply Inverter in Analog to Digital Convertors (ADC)	1966
20140003635	Digital Data Train Demodulation Using Variable Delays	1966
20140003636	Return to Zero Data to Bi-phase Data Converter	1966
20140003640	Improved Bipropellant Injector	1966
20140003641	Proposed Improvement of Conductivity Level Probes	1966
20140003642	Local Measurements In Turbulent Flows Through Cross Correlation of Optical Signals	1966
20140003643	Copolymerization of Substituted Difluorovinyl	1966
20140003644	Adjustable Low Density Conductance Device	1966
20140003645	Method of Making A Uranium Monocarbide	1966
20140003647	A Universal Patchable NOR/NAND Logic Block for an Analog Computer	1966
20140003648	3-Axis Attitude and Direction Reference Has Only One Moving Part	1966
20140003649	Mechanical Gage for Checking Tubing Flare, Roundness and Concentricity	1966
20140003650	Sealing MgO Filled, Metal Sheathed Thermocouple Cables	1966
20140003651	Floating Mating Ring for Cryogenic Service	1966
20140003652	Battery Cell Evacuation System	1966
20140003653	Automatic Checkout Equipment Response System	1966
20140003654	Strain Gage Conditioning System	1966
20140003655	Soldering Pin Holder	1966
20140003656	Graphical Aid Template	1966
20140003658	Cryogenic Properties of K-Monel Alloy	1966
20140003660	New or Improved Applications of Random Process Theory by Digital Computers	1966
20140003661	Gage Wiring Protection for Carbon Resistor Cryogenic Liquid Level Gages	1966
20140003662	Photographic Measurement of Vibration	1966
20140003663	Air-Flow Sound Suppressor	1966
20140003664	Compressor Blade Vibration Damping	1966
20140003666	Improved Gas Laser	1966
20140003667	Rotary Target Holder for use in Vacuum	1966
20140003668	Independently Supported, Tank Entry Platform	1966
20140003669	Use of Orifices for the Flow Control of Purge Gases	1966
20140003670	Application of Vortex Tube to Propellant Tank Pressurization	1966
20140003671	Sparging as a Means of Preventing or Destroying Stratified Layers of LH2	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140003672	Sprayable Birefringent Coating	1966
20140003675	Design of the Argonne Isotopic Source Neutron Facility	1966
20140003676	Heat Sink (Thermal Shunt)	1966
20140003678	Fastener for Joining Fiber Shipping Tubes	1966
20140003679	Technique of Machining Electronics Chassis with Components Installed	1966
20140003680	Dampening Relays Under High Vibration	1966
20140003681	Revised Plotting Paper for Wave Analyzer	1966
20140003683	Design, Development, and Fabrication of a Portable Spectrometer-Type Monitor	1966
20140003684	Height Gage Scribe Indicator	1966
20140003685	Improved Multi-Conductor Electrical Cables	1966
20140003686	Computerized Design Analysis Utilizing Automated Drafting Technique	1966
20140003687	Color Contact Proofer	1966
20140003688	Precision Adjustable Welding Fixture	1966
20140003689	Miniature Step Drill Provides Improved P.-C. Drilling Characteristics	1966
20140003690	Method of Mounting to Achieve Electrical Isolation	1966
20140003691	Improved Industrial Radiography with Maximum Personnel Security	1966
20140003692	Stress Range to Avoid Room Temperature Creep in Titanium Alloys	1966
20140003693	Portable/Self-Contained Sewing Tables	1966
20140003694	Electron Beam Welded Honeycomb Flow Straighteners	1966
20140003695	Lightweight Crush Structures - A Survey	1966
20140003696	Optical Automatic Gain Channel	1966
20140003701	Differential Temperature Cryogenic Liquid Level Sensing System	1966
20140003702	Discrete Events Recording Station (DERS)	1966
20140003703	Audio System Integrator	1966
20140003704	An Evaluation of an Ultrasonic Inspection System Employing TV Tech	1966
20140003705	Precision Trimmer of Specimen Blocks for Ultramicrotomy	1966
20140003708	Gas Maser Pumping Scheme For Far Infrared	1966
20140003709	Activity Sampled Buffer Level Control Routine	1966
20140003710	Thermionic Scanner	1966
20140003711	Refractory Oxide Composite Rocket Nozzles	1966
20140003712	Study to Establish Transient Sippression Techniques and Criteria	1966
20140003713	Entrainment Type Injector	1966
20140003714	Flight Control Hydraulic System Contamination Controls	1966
20140003715	Back Flush Filter Unit for Rapid, Frequent, Filter Cleansing	1966
20140003716	System for Preventing Fuel Turbopump Intermediate Seal Failures	1966
20140003717	Vibration Detector Probe	1966
20140003718	Technique for Phase Coherence	1966
20140003719	Gas Turbine As Propulsion Plant For Tow Boats	1966
20140003720	Electron Beam Secondary Emission Suppressor	1966
20140003721	Liquid Level Indication System	1966
20140003722	Modified Bridgeman Seal for Large Diameter High Pressure Cryogenic Vessel Closures	1966
20140003723	Position Indicator - Magnetic Operated, Non-Continuous Indicating	1966
20140003726	Type III High Level Analog Multiplexer	1966
20140003727	Solid-State Switch	1966
20140003731	O-Ring Installation Tool	1966
20140003732	Shielded Wire Splice	1966
20140003735	Interchangeable Hearth Arc Furnace	1966
20140003739	The Remote Determination of Gas Pressure-Volume for Encapsulated Fuel Elements	1966
20140003744	An Experimental Head-Controlled TV System to Provide Viewing for a Manipulator Operator	1966
20140003754	Muscle-Equivalent Environmental Radiation Meter of Extreme Sensitivity	1966
20140003765	Vibration-Resistant Prestressed Concrete Foundations for Engines and Compressors	1966
20140003771	The Use of Alkali Metals for Transmission of Hydrostatic Pressure	1966
20140003774	Remote Opening of Metal Containers with a Laser Beam	1966
20140003775	Personal Recovery Transceiver and Radio Beacon	1966
20140003776	Reliable Electrical Connector Receptacle Design for Vibrational Environments	1966
20140003777	Continuity Verification Unit	1966
20140003778	New System for Reducing Drafting and Designing Costs	1966
20140003779	Bi-Phase Data to Clock Converter	1966
20140003780	Modified Diaphragm Pressure Gauge for Corrosive Gases	1966
20140003786	Virus Induction of Osteosarcomas in Mice	1966
20140003787	J-2 Engine Alignment Verification Set	1966
20140003788	Multiple Vacuum Cup Lifting Device Automatic Locking Device	1966
20140003789	S-II Stage Transporter Three-Point Suspansion Stabilization System	1966
20140003790	Insulation Expansion Joints	1966
20140003791	Self-Actuating Brake Mechanism	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140003797	A Computer Program to Simulate a Two-Component Chromatogram With or Without Contaminant	1966
20140003800	Mutation Without Segregation	1966
20140003801	Surplus Generators Supply High-Level Light Source	1966
20140003802	An Editing Bench for Industrial Film Production	1966
20140003805	Quality Assurance Instrument to Check Interior of TYCO Rocket Motors	1966
20140003806	Spark Machining of Thin-Walled Honeycombed Aluminum Material	1966
20140003807	Rain and Snow Detection Sensor	1966
20140003808	Propellant Tank Interior Servicing Access Platform	1966
20140003809	Inflatable Protective Platform	1966
20140003810	Constant Pressure Expanding Chill Bar	1966
20140003811	C14-051-301 Resistance Bridge	1966
20140003812	Universal Relay Switching Unit	1966
20140003813	Measurement of Phase Jitter in The Non-Linear Region	1966
20140003814	Ultra-High-Frequency Transistor Oscillator Design	1966
20140003815	Reduction of Electrical Noise and Crosstalk in Guidance Components	1966
20140003817	Resolution of Relative Humidity Problems in Analog, Digital and Data Handling Systems	1966
20140003818	Adaptive Intercommunication Concept for Accomplishing Computer Controlled Automatic Checkout of Hardware Systems	1966
20140003820	Transparent Door	1966
20140003821	Purge Device for Thrust Engines	1966
20140003822	Infrared Brazing Device	1966
20140003823	Mixer Preamplifier Regulated Power Supply and Crystal Current Monitor	1966
20140003824	Repair of Raised Pads or Circuitry of Printed Circuit Assembly	1966
20140003825	Repair of Open Circuits on Printed Circuit Boards	1966
20140003826	Variable Resistive Load Bank (200 Watt Max.)	1966
20140003827	Standard Bus Module	1966
20140003828	Temperature Controlled Thermal Strip Solderer	1966
20140003829	Fastener Flushness Gage	1966
20140003830	Adjustable, Continuous-Current Control Device for Testing Propellant and Explosive Actuation Devices (P and EAD)	1966
20140003831	Noise Frequency Mixer	1966
20140003832	Determine Contamination Level Within the Space Suit	1966
20140003833	Angle Computer	1966
20140003834	Photo Resist Application to a Discontinuous Surface	1966
20140003835	Infrared Spectral Transmittances for Determining Radiant Flux of Inhomogeneous Gases	1966
20140003836	Standard Time Pulse Amplifier	1966
20140003837	Inflatable Plenum for Environmental Testing of Antenna Structures	1966
20140003838	Multi-Copy Computer Output Concept	1966
20140003839	A Modified Hardline Cutting Tool to Use for Cutting Hardline Coax Cables	1966
20140003840	Semi-Stripping Insulated Wire	1966
20140003841	High Temperature Insulative Coating	1966
20140003842	Soldering of Integrated Circuit Connections	1966
20140003843	Adjustable Self Locking Ladder Set	1966
20140003844	Weld Filler Rod for Welding Rene'-41 Material	1966
20140003845	Cold-Flow Compression Seal (Creep Seal)	1966
20140003846	Foam Block Holding Device for Electronic Sub-Assemblies	1966
20140003847	Cryogenic Fluid Dynamic Sampling Device	1966
20140003864	Arc Welding by Condenser Discharge	1966
20140003865	Method and Apparatus for Sealing Tubes	1966
20140003866	A Method and Means for Counting the Decay Schemes of Radioactive Material	1966
20140003867	Superconducting Plates as Magnetic Shields	1966
20140003877	Tapped Head Bolts	1966
20140003878	The Effective Resistance of Passive Networks	1966
20140003879	An Aerial-Image Unit for Industrial Animation	1966
20140003880	Design and Construction of a Centrifuge for Large Fragile Cells	1966
20140003881	Field Control Type Current Regulator for Electromagnets	1966
20140003887	An Improved Technique for Evaluating the Corrosive Effects of a Fluid Upon an Electrically-Conductive Substance	1966
20140003888	A Method for Removing Water from Brazed Honeycomb Panels	1966
20140003889	Milling Machine Drilling Attachment	1966
20140003890	Elipse "O" Graph	1966
20140003891	Polystyrene Expanded Bead Insulation	1966
20140003901	An Electronically-Controlled Continuous Culture Device	1966
20140003902	Improved Fluorescence Decay-Time Measuring Apparatus	1966
20140003903	Tunnel Diode Time Marker Circuit for Use With Scintillation Counters	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140003904	A One-Count Memory Logic Device	1966
20140003906	Dual Reefing Systems for Parachutes	1966
20140003907	Standby Redundancy Technique	1966
20140003908	Slide Film Cutter	1966
20140003909	Forming Tool: Styrene Brake Shoe	1966
20140003910	Quality Standards - Titanium Welding - Visual Characteristics	1966
20140003911	Intermodule Interface Substitute Units	1966
20140003912	Arc Suppression Circuit for AC Inductive Loads	1966
20140003914	A Method and Means for Adjusting the Threshold for Detection of Binary Signals	1966
20140003915	Capacitance Discharge Welder	1966
20140003917	Modular Simulated Altitude System	1966
20140003918	Liquid Displacement Gaseous Leak Detector	1966
20140003919	Multiphase Chemical Equilibrium Composition (APD 104)	1966
20140003920	A Computational Procedure for the Finite Difference Solution of One-Dimensional Heat Conduction Problems with Surface Recession	1966
20140003921	Chemical Ablation of Apollo Heat Shield (APD 102)	1966
20140003922	Use of 6061 Aluminum Alloy in lieu of 7075 Alloy to Eliminate Critical Stress Failure	1966
20140003923	J-2 Orifice Kit	1966
20140003924	Stainless Steel Drain Plugs	1966
20140003925	Gas Trap for Cryogenic Tanks	1966
20140003926	Spring-Action to Keep Mating Surfaces Together in Cryogenic Service	1966
20140003927	Radial Design Hydrogen Peroxide Gas Generator	1966
20140003928	Conversion of Wide Lens Microscope for Non-Destructive Depth Measurement	1966
20140003929	Kiloweight Carrier	1966
20140003936	An Improved Univibrator Circuit for Detecting the Time Occurrence of Input Pulses Thereto	1966
20140003937	"Memory" of Iron Silicon Bronze	1966
20140003938	LOX Bellows Seal Modification	1966
20140003939	Resistance Measuring	1966
20140003940	Report Summarizes Stainless Steel 301 Data	1966
20140003956	Integrated Circuit Breaker/Annunciator Toggle Switch	1966
20140003960	Report Summarizes Aluminum Alloy 2014 Data	1966
20140003961	Report Summarizes Aluminum Alloy 2219 Data	1966
20140003962	A Simple Technique for Designing a Balanced Single Stage Active Filter Network	1966
20140003963	Magnetoresistive Variable Resistor	1966
20140003964	Single-Ended Switching Transformer Regulator	1966
20140003971	Coaxial Cable Connector	1966
20140003978	Fabrication of 20 wt%Ti-V Alloy Tubing for Nuclear Fuel Cladding	1966
20140003981	EDM Electrode Cuts Tiny Foil Disks	1966
20140003985	An Apparatus for the Growth of Uniform B4C Whiskers	1966
20140003989	Detonation Reaction Engine	1966
20140003990	Zirconium Oxide Foam Ceramic Insulation Material	1966
20140003991	Ceramic Foam Closed Pore Volume Determination	1966
20140003992	Tape Recorder Flutter Analysis and Bit-Rate Smoothing of Digital Data	1966
20140003993	Application of the Mossbauer Effect to Transducers	1966
20140003994	Non-Mechanical Chopping System	1966
20140003995	Engine Cylinder Pressure Indicator System	1966
20140003996	Porous Removable Mandrel	1966
20140003997	Silver Electroplating Enables Dissimilar Metals to be Welded	1966
20140003998	Report Summarizes Aluminum Alloy 6061 Data	1966
20140003999	A Radio Frequency Direction Finding System with Direction Cosine	1966
20140004000	Programmable Step-Sine Wave Generator	1966
20140004001	Wide Temperature Range Braze Alloy	1966
20140004002	Electron - Phonon Interactions in Semiconductors	1966
20140004003	Solid Oxygen as Insulation in the LOX Tank	1966
20140004004	Technique for Obtaining Sharp Edges on Metallographic Specimens	1966
20140004005	Electrical Initiator for Burst Diaphragm	1966
20140004006	Explosive Tape Welding	1966
20140004007	Optical Pyrometry Handbook--Some Practical Aspects of Surface Temperature Measurements	1966
20140004008	Accelerometer Calibration System	1966
20140004009	Segregating Inner Sleeve to Prevent Thermal Stratification	1966
20140004010	Rocket Engine Nozzle Closure	1966
20140004011	Tensile/Shear Test Fixture for a Brake Press	1966
20140004012	Modified Naflex Seal, Interchangeable in Spiral-Wound Gasket Groove	1966
20140004013	Elimination of Injector Bomb Residue	1966
20140004014	Insulation Inflight Vent	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004015	Cryogenic Seal for 5000-psi Liquid Hydrogen	1966
20140004016	Seal Installation Tool	1966
20140004017	Flame Resistant Rubber Material for Oxygen Atmospheres	1966
20140004018	Pulse Modulator	1966
20140004019	Tape Recorder Head Alignment Technique	1966
20140004020	Stable Inhibited Ethylene Glycol-Water Solution	1966
20140004021	Short Circuit Protection of Series Transistor Power Regulators	1966
20140004022	Shaft Deflection Measurement Device for LOX Pumps	1966
20140004023	Use of Inertance Tube for Elimination of Buzz Instabilities	1966
20140004024	Cryogenic Connector	1966
20140004025	Hoist Controller	1966
20140004034	Pump Oscillation Reduction	1966
20140004035	Static Seal	1966
20140004036	Integral Foaming	1966
20140004037	Solid Propellant Gas Generator Initiator	1966
20140004057	Beacon Reflector (Inflatable) and Target Element System	1966
20140004060	Parallel Analog Active Voltage Tuned Filter	1966
20140004061	Vibration Isolator Assembly	1966
20140004062	Fluid Mixture Ratio Control	1966
20140004063	Organic Contaminant Samples	1966
20140004065	Extravehicular Activity (EVA) Universal Restraint	1966
20140004067	Detection and Measurement of Clear-Air Turbulence	1966
20140004069	Portable Gauge and Pressure Rack for Storing and Transporting Calibration Standards	1966
20140004074	Portable Clean Room	1966
20140004080	An Improved Technique for Accomplishing Mating, Demating, and Connections of Deaerated Fluid Systems Without Introducing Air	1966
20140004084	Pulse Gating Circuit	1966
20140004087	Detail Parts Fabrication Using the Electrical Discharge Machine (ELOX)	1966
20140004088	Inconel Machining	1966
20140004090	Reducing Stress-Corrosion Sensitivity in Aluminum Alloys	1966
20140004092	Procedure for Making Simultaneous Bends in Nested Tubing	1966
20140004093	Improved Cable Jacketing Technique and Material for Multi-Conductor Electrical Cables	1966
20140004094	Cryogenic Storage Vessel	1966
20140004095	Merger of Task Analysis and Operations Analysis Timelines via Computer Methods	1966
20140004096	Bearingless Gyroscope	1966
20140004097	Truncated Plug Nozzle - Space Engine Configuration	1966
20140004098	Plasma Sprayed Graded Composite Rocket Nozzles	1966
20140004101	Intensity Limiter for Cathode Ray Tubes	1966
20140004102	Reuse of Teflon Inserts Used for each Test and Certification Solder Joint	1966
20140004103	Current Test Points for Decaded Sealed Power Supplies	1966
20140004104	Low Frequency FM Signal Generator	1966
20140004105	Clean Room Rack and Tray for Checking Efficiency of Cleaning Process	1966
20140004106	Quality Standards - Tube bending - Wrinkles	1966
20140004107	Computer Program F011, Generalized One Dimensional Heat Transfer	1966
20140004109	Computer Program for Prediction of Heat Transfer in Multiple Glaze Transparencies	1966
20140004111	Effect of Temperature on the Spin-Lattice Relaxation Times of Aqueous Solutions of Ribonuclease and Human Serum Albumin	1966
20140004112	Satellite-Borne Microwave Radiometry for Sensing of Atmospheric Water Vapor and Temperature Distributions	1966
20140004113	Scientific Experiment for Satellite-Borne Microwave Radiometry for Sensing the World's Oceans	1966
20140004114	Three Dimensional X-Rays	1966
20140004115	Pin Fin Type General Heat Exchangers	1966
20140004119	Sealed Electrode Holder Produces Accurate Electrical Discharge Machining Operations	1966
20140004120	Debulking Phenolic Impregnated Asbestos Tape Wrapping	1966
20140004123	A Fast-Sum Coincidence Spectrometer and Sensitivity Compilation for Activation Analysis	1966
20140004125	A Rapid and Sensitive Method for the Determination of Iodine-131 in Milk by Ion Exchange on Silver Chloride	1966
20140004126	Radiation Interchange Computer Program (AP 251)	1966
20140004132	AP 239 - Shade Boundary Calculation	1966
20140004133	A Direct Technique for Correcting Thermal Networks	1966
20140004134	Dilute Tungsten-Rhenium Alloys	1966
20140004136	An Automatic Adaptor for Manual Power Controllers	1966
20140004137	Determination of Transient Response of Semiconductor Detectors by Use of a Nanosecond-Pulse Electron Accelerator	1966
20140004138	Argonne Automatic Neutron Diffractometer	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004139	Accessories Developed for Fibreglas-Reinforced Plastic Gloveboxes in the Research Hot Laboratory	1966
20140004140	Calorimetric Methods for the Assay of Fuel Pins and Residues	1966
20140004142	Absolute Dosimetry by Calorimetric Measurements	1966
20140004143	Cryogenic Sizing of Rocket Engine Shell	1966
20140004144	EIM Electrode Guide Bushing	1966
20140004145	Use of Glass Cloth Masters	1966
20140004146	Twenty Relay Module	1966
20140004147	Standard Hardware	1966
20140004149	Detachable Caster Adapter	1966
20140004151	Spinning Techniques	1966
20140004152	Hook Spreader	1966
20140004153	The Nondestructive Testing of Brazed Joints	1966
20140004154	Ultraviolet Microscopy as a Tool for Cytological and Biochemical Research	1966
20140004155	Self-Lubricating Composite Materials Improve Wear Life of Bearings Using Solid Lubricants	1966
20140004156	Heating Coil Filter	1966
20140004157	Emergency Lock Pick	1966
20140004158	Device for Securing Partial Loads in Trucks and Vans	1966
20140004159	Venting for "Ric-Wil" Piping Systems between Manholes	1966
20140004160	Pulse Forming On-Off Control Circuit	1966
20140004161	Variable Intensity Light Attenuator	1966
20140004162	Pasteurella Pneumotropica: Cultural and Biochemical Characteristics, and its Association With Disease in Lab Animals	1966
20140004163	Patching and Selection of Patch Cords	1966
20140004164	Color Code on Jig Boards	1966
20140004165	Wood Electrical Connectors	1966
20140004166	Pre-programmer, Tube Bender	1966
20140004167	Use of Polaroid Film for Establishing Radiographic Techniques and Locating Objects in Inaccessible Areas	1966
20140004168	Stress Analysis of Reinforced Circular and Rectangular Flat Plates	1966
20140004169	Dynamic Load Fixture for Automatic Welder Arc Start Test and Calibration	1966
20140004170	Computer Program for Integrating and Scheduling Space Scientific Experiments	1966
20140004171	Pulse Generator	1966
20140004172	Emission Spectrographic Technique for Trace Metal Determination in Potable Water Specimens	1966
20140004173	Lecture Bottle Stand	1966
20140004175	A Simple, Compact Rod Drive Using a Stepping Motor	1966
20140004182	High Intensity Magnetic Base Machine Lamps	1966
20140004183	Programmable Load Bank Console	1966
20140004184	Torque Wrench for Limited Access Areas	1966
20140004185	Frequency to DC Converter	1966
20140004192	Constant Amplitude, Variable Phase Filters	1966
20140004193	Supersonic Flow Visualization	1966
20140004194	Downscale Burn-out Resistor	1966
20140004195	Static Pressure of an Incompressible Fluid Flowing in Radial Equilibrium Case No. 2	1966
20140004196	Slotted Teflon retainer for Cylindrical Bearing	1966
20140004197	Etching of Weld Samples With Non-Hazardous Acid	1966
20140004198	Reproduction of Sched-U-Graph Boards	1966
20140004199	Test Unit for F-1 Engine Harness	1966
20140004200	Cost Saving Modification of Ampex F	1966
20140004207	Button Calorimeter	1966
20140004208	Signal Detector for Automatic Welding	1966
20140004209	Sharpening a Tungsten Knife Edge	1966
20140004210	Techniques of Elbow Bending Small Jacketed Transfer Lines	1966
20140004211	Base Closure-Flexible Membrane	1966
20140004227	Axonometric Angle Aids	1966
20140004228	Portable, Illuminated Tracing Board	1966
20140004229	Three Axis Locating Block for Transfer Tools	1966
20140004231	Rolling Small-Diameter Tubing	1966
20140004237	A Liquid Micurgy Chamber and Microsyringe System for Amoebae	1966
20140004238	Film-Loop Camera	1966
20140004239	Hydraulic Unit for a Manipulator	1966
20140004240	Plastic Lens Seal	1966
20140004241	Borate Glass with Quick Discoloration Characteristics	1966
20140004254	Baffle Distortion Prevention	1966
20140004255	Self Watering and Feeding Individual Mouse Cage	1966
20140004256	Homopolar Generators	1966
20140004257	The Synthesis of Sulfonated Uranyl Phthalocyanine and its Use in Brain Tumor Therapy	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004258	Two-Speed Mechanism	1966
20140004259	A Liquid Level Indicator	1966
20140004261	Brazing Technique To Prevent Braze Alloy Runoff	1966
20140004263	Wheel Hoist Automatic Stopping Device	1966
20140004265	Flexure Disk To Prevent Radial and Rotary Motion	1966
20140004269	Positive Lock B-Nut	1966
20140004270	Balance and Cut-off Valve	1966
20140004271	Fuel Pump Data Reduction Program for Performance Evaluation	1966
20140004274	Digital Altitude Idle Mode Engine Model Program	1966
20140004278	Mechanized Products Scheduling System (MPS)	1966
20140004280	Mass Spectrometer Sample Probe for Polymers	1966
20140004281	Injector Thermal Barrier and Shield	1966
20140004282	Quasi-Square Wave Transformer	1966
20140004283	Electro-Mechanical Device Which Provides a High Response Direct Readout of Mass Flow-Rate Through a Pipe	1966
20140004284	Battery Separator and Electrode Assembly	1966
20140004285	Propellant Igniter	1966
20140004286	Automatic Pressure and Temperature Controls	1966
20140004287	Original Shooting Slide Apertures	1966
20140004288	Low Cyclic Fatigue Failure of Thrust Chamber Tubes	1966
20140004289	Passive Control of Gas Flow	1966
20140004290	Liquid Hydrogen Condenser	1966
20140004291	Gaseous Hydrogen Recovery System	1966
20140004292	Inexpensive Small Diameter Vacuum-Jacketed Cryogenic Piping	1966
20140004293	Full Indicator for Liquid Hydrogen Dewar Loading	1966
20140004294	Technique of Depositing Thin Film Ferrites	1966
20140004296	Tank Fabrication Technique	1966
20140004297	"In-Tank" Valves	1966
20140004298	A Pulse Stretching Circuit	1966
20140004299	Vibrating Quartz Fiber Electrometer and New Electrometer of High Sensitivity	1966
20140004300	Soldering Aluminum to Stainless Steel	1966
20140004303	Radio Frequency Carrier for Turbine Flowmeters	1966
20140004304	Miniaturized Turbine Flowmeter	1966
20140004305	High Current Electrical Connectors	1966
20140004306	In-Place Welding Equipment Procedures	1966
20140004311	Device for Correlating Nutrient Feed to Bacterial Population	1966
20140004312	Frequency Distribution System	1966
20140004313	Power System Ground Test Method	1966
20140004314	Patchboard Program Checkout Unit	1966
20140004315	Photoelectric Scanner	1966
20140004316	"A Digital System for Deriving Synchronization in the Presence of Noise"	1966
20140004317	Redundant Amplifier with Controlled Gain	1966
20140004318	Compact Arc Lamp Source of Ultra-Violet Rays	1966
20140004319	X-15 Physiological Data Display System	1966
20140004320	Computer Program for Calculating Ray Incidence Angles on Arbitrary Two Dimensional, Axisymmetric Surfaces	1966
20140004321	Computer Program for Complex Venting Analysis	1966
20140004322	Economical Tape Speed Calibrator for Magnetic Recorders	1966
20140004323	Engine Parameter Optimization Program	1966
20140004331	Extraction and Insertion Tool	1966
20140004332	Treatment for Glass to Reduce Helium Permeation	1966
20140004333	Low-Loss Double Wall Feed-Thru	1966
20140004334	Flexible Permeation Barrier	1966
20140004335	Emergency Brake-Releasing Tool for Elevators	1966
20140004343	Driven Shield Technique	1966
20140004344	Slide Changer Shuttle Mechanism	1966
20140004345	Roofing Adhesive Applicator	1966
20140004346	Adapter Fitting for Mechanically Driving Tie-Down Anchors	1966
20140004347	Time Card Guide Tool	1966
20140004348	Siphon for Removal of Water from Flooded Manholes, cellars, etc.	1966
20140004349	A Method for Measuring Phase Differences and Providing Phase Connection Signals	1966
20140004350	Removal of Dye and Paint from Ferrules and Washers	1966
20140004351	Flexible Vacuum Plate	1966
20140004358	Subnanosecond Time Resolution Single-Channel Pulse-Height Analyzer	1966
20140004359	Connection Pipe or Tubing Explosive	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004365	Interim-Offset UDOP System	1966
20140004366	Reduction of Impulsive Type Noise Effects in Telephone Cables	1966
20140004367	CO2 Charging of Oil Filled Load Breaker Switches	1966
20140004368	Hydraulic Oil for Elevators	1966
20140004369	Melting Pot for High Voltage Splicing and Pot Heat Filling Resins	1966
20140004370	Adaptation for Supply of Foam on Discharging System for Tanker Trucks	1966
20140004371	Cable Splicing Pans	1966
20140004372	Weatherproof Helix Antenna	1966
20140004393	Thermoelectric Method for Determining Plate Thickness and Bond Integrity	1966
20140004394	A Liquid Metal Height Measuring Division	1966
20140004397	Draw Bench Tools Size Square Tubes	1966
20140004434	Prediction of Cyclic Life of Through-Cracked Structures	1966
20140004446	Prelaunch Countdown System	1966
20140004447	Protective Coatings for Space Electronics	1966
20140004448	Leaf Transpiration Monitor	1966
20140004449	Relay Tester	1966
20140004450	Prevention of Accidental High-Pressure Flex Hose End Whip	1966
20140004451	High Pressure Capillary Jet Reaction Viscometer	1966
20140004453	Rotational Fluid Coupling Mechanism	1966
20140004454	Gated Filter	1966
20140004455	Method for Forming Plastic Materials	1966
20140004456	Electrical Connector Locking Shell	1966
20140004457	450 mc Antenna on a 3.5 Inch Metal Sphere	1966
20140004458	Improving Performance and Mass Fraction of a Hybrid Propulsion System	1966
20140004459	Window Purge	1966
20140004461	Flare Polishing Tool	1966
20140004464	Static Seal	1966
20140004465	Mar-preventive Drilling Technique	1966
20140004466	NTSC-Type Space Color TV System I	1966
20140004467	NTSC-Type Space Color TV System II	1966
20140004468	Hybrid Frame/Line Sequential Space Color TV System	1966
20140004469	Digital Scan Conversion for Television Signals	1966
20140004470	Wide-Band Stable Power Multiplier	1966
20140004472	Integrated Self-Contained Video Processing Television Station	1966
20140004473	Electronic Field Rate Kinescope for Recording Sequential Video Frames	1966
20140004474	Parametric Up-Converter Increases Flexibility of MASER	1966
20140004475	Machining Techniques Achieve Better Surface Finish on Ceramics	1966
20140004476	Circuit Array Providing Minimal Induced Magnetic Fields	1966
20140004477	A Design Procedure for the Weight Optimization of Straight Finned Radiators	1966
20140004478	Scan Converter	1966
20140004479	Line Sequential Color TV System	1966
20140004480	Lunar Orthogonal Clinometer and Sun gnomon Instrument	1966
20140004481	Two-Tube Color TV Camera	1966
20140004482	Evaluation of Delayed Opposed Arc Weld Nugget Overlaps Utilizing a Scintillation Counting System	1966
20140004483	Adjustable Pressure Switch-Hermetically Sealed	1966
20140004484	Lightweight Device for Checking Numerically Controlled Photo-electric Tape Readers	1966
20140004485	Chemical Milling of Tantalum	1966
20140004486	Weighted Center Punch with Magnifying Glass	1966
20140004487	Mounting Plate	1966
20140004488	Velcro Safety and Mechanical Latch	1966
20140004489	Modified Scale	1966
20140004490	A Resistance Soldering Technique for Reconnection of Wire/Taper Pin Interface Solder Junctions	1966
20140004491	Precision Angle Grid Plate	1966
20140004492	Storage-Assembly Parts Rack	1966
20140004493	Open Tool and Double Bag Tooling Concept	1966
20140004494	Hand Welding Torch	1966
20140004495	ECM Universal Tooling Manifold	1966
20140004496	Reduced Pressure Loss in Liner Manifold	1966
20140004497	Method of Differentiating Between Microfissures and Heavy Grain Boundaries in Welded Inconel 718	1966
20140004498	Ramp Pressurization Unit	1966
20140004499	Pneumatic Flow Monitoring Unit	1966
20140004500	Alignment Tool Design for a Tank Vent Disconnect	1966
20140004501	Modification of Airco Weld Skate	1966
20140004502	Clamp, Band, Support, Cushioned	1966
20140004503	Uniform Load Stressing Frame	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004504	Scale Target Adaptor	1966
20140004505	Interior Tube Weld Inspection Device	1966
20140004506	Internal Machining at Constant Radii	1966
20140004507	Stud Mounted Disconnect Holding Assembly	1966
20140004508	Shock Resistant Shaft Support	1966
20140004509	Vacuum Bell Testing of Honeycomb Insulation	1966
20140004510	Spray Application of Cryogenic Foam Insulation Seal Coat	1966
20140004511	Liquid Level Gage Purge Monitor	1966
20140004514	Investigation of the Deflection of an Electron Beam as a Means of Measuring Electric Field Strength	1966
20140004522	Gaseous Fluorine as an Igniter for Cryogenic Fluids	1966
20140004523	Basic Concept of an Automatically Erecting Space Station - S-II in Orbit as Tankage for O ₂ and H ₂ - Gravitational Environment for Apollo Crew	1966
20140004524	Critical Temperature Indicator	1966
20140004525	Remote Modulating Control for Large Valves	1966
20140004526	Molder of Protective Compounds	1966
20140004527	Protective Sleaving for use in Corrosive or Moisture Laden Atmospheres	1966
20140004528	Dynamic O-Ring Seal	1966
20140004529	Percentage Points of the Student <i>t</i> and Normal Distribution	1966
20140004530	Hot-GAS System	1966
20140004536	Hypergol Ignition with LOX/Ethanol Propellants	1966
20140004537	Slug-Start Catalytic Igniter	1966
20140004538	Lateral Displacement Floating Fastener	1966
20140004539	An Instantaneous Frequency to DC Converter	1966
20140004540	Use of Ice as Insulator at Cryogenic Temperatures	1966
20140004541	High Resistance for Integrated Circuit	1966
20140004542	New Silver-Base Brazing Alloy	1966
20140004543	Lunar Seismometer	1966
20140004544	Submatrix Iterative Process (SIP)	1966
20140004545	Two Integrator Digital Differential Analyzer (DDA)	1966
20140004546	Study of Vibrations Induced in Thin-Walled Pipes by Fluid Flow	1966
20140004547	Weather-Resistant Wood-Base Models	1966
20140004548	Three-Dimensional Display	1966
20140004553	Apparatus for Determining Ball Spinning Friction	1966
20140004554	Transmission Line Shunt Loading	1966
20140004555	Gas-Tight Sleeve-Mounted Terminal for 19-AWG Pair	1966
20140004556	Simplified Fixture for Precision Alignment of an Optical Target	1966
20140004560	Counterbalanced Tilt Table	1966
20140004561	Dolley-Bioinstrumentation Storage Cart	1966
20140004562	Use of Aluminum for the Construction of Electronic Enclosures	1966
20140004563	Breath by Breath Respiratory Gas Analysis System	1966
20140004564	Computer Program APD127	1966
20140004565	15-Channel Video Electronic Commutator and Decommulator	1966
20140004566	Methods of Fitting Multivariate Functional Models in the Area of Large Computer Exploration	1966
20140004567	Synthesis of 1, 1-BIS (Trifluoromethoxy) Difluoroethylene	1966
20140004568	Polymers of 1, 1-BIS (Trifluoromethoxy) Difluoroethylene	1966
20140004569	Synthesis of Trifluorovinyl Sulfurpentafluoride	1966
20140004570	Synthesis of Substituted Difluorovinyl Ethers	1966
20140004572	Test Fixture for Umbilical Disconnect	1966
20140004573	Test Fixture for Umbilical Disconnect	1966
20140004574	Gate Controlled Switch Drive Electronic Circuit	1966
20140004592	Temperature Analysis for Evaporator Failure	1966
20140004606	Device for Monitoring Operation of Solar Source	1966
20140004607	Molecular Seal for Lubrication System Operating in a Space Environment	1966
20140004611	High Speed Root Locus Program	1966
20140004612	Instrument Cover Ejection Mechanism	1966
20140004615	BROOT	1966
20140004616	DETERC	1966
20140004617	Stress Analysis of Torsional Members Program	1966
20140004618	Kellogg Piping Analysis Program	1966
20140004619	Throttling Valve for Hot Gas	1966
20140004620	UC-PuC Coarse-Particle Sintered Fuel	1966
20140004621	Method of Making Metal-Oxide-Metal Layers	1966
20140004622	Tubing Reducer	1966
20140004623	Spot Welding Using Inert Arc and Gas Pressure	1966
20140004629	Application of Liquid Teflon for Repair of Flange Face Sealing Surface	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004630	Flex Hose Abrasion Protective Sleeving	1966
20140004631	aflex Seals (Silver Coated)	1966
20140004632	Electrically Locked Ball Lock Pin	1966
20140004633	Diode Limiting of Signal and Control Functions	1966
20140004634	Wire Reel Rack	1966
20140004635	A Soft X-Ray Photoionization Detector	1966
20140004636	Simulation Program of the Design, Test, and Analysis Phases of Numerous Types of Sensitivity Experiments	1966
20140004637	Special Measuring Instrument	1966
20140004638	Mechanical Device Roll Forming Conical Shapes	1966
20140004639	Electron Beam Welder "X" Axis Alignment Device	1966
20140004640	Adjustable Angle Wood Lathe Tool Holder	1966
20140004641	Method of Joining a Dissimilar Metal to Aluminum	1966
20140004642	Brazing Aluminum to Steel	1966
20140004643	Voltage Regulator Circuit	1966
20140004644	Solid State Coax Switch Driver Circuit	1966
20140004645	Space Suit Test Console	1966
20140004646	Filler or Smoothing Compound for Inconel or Stainless Steel	1966
20140004648	R.C.S. Pressure and/or Propellant Container Design/Fabrication Concept	1966
20140004649	Research and Development Project Planning and Flow Control	1966
20140004650	Liquid Filling Device	1966
20140004651	Weld Back-Up Bar	1966
20140004652	Filler for LH2 Feedline Cover	1966
20140004653	Instrumentation Cable Identification and Insulation Sleeve	1966
20140004654	Portable Clean Chamber System	1966
20140004673	Controlled Hydraulic Loading Device	1966
20140004674	Load-Bearing Fastener for Hollow Panel Material	1966
20140004675	Thermocouple Installation for Measuring Coolant Temperatures	1966
20140004676	Universal Relay Adapter Set	1966
20140004677	Semiconductor Adapter Test Set	1966
20140004678	Monitoring During Dynamic Cardio-Vascular Evaluation	1966
20140004679	Test Subject Conditioning Program	1966
20140004680	Light Sensor Calibration Standard	1966
20140004681	Report Summarizes Aluminum Alloy 5456 Data	1966
20140004682	Thermal Insulation Component Clamp	1966
20140004683	New Ball Bearing Design Featuring an Intermediate Ring	1966
20140004684	Method to Determine Relative Positions of Internal Check Valve Parts	1966
20140004685	Backup Rings for Crush Washers	1966
20140004686	Adjustable Vibration Dampening Mount	1966
20140004687	Thermionic Solar Energy Converter	1966
20140004688	Method of Interconnecting Electronic Components in an Organic Substrate Using Vacuum Deposition	1966
20140004689	Crash-Collision Impact Attenuation Concept	1966
20140004690	Evaluation of Cutting Pliers	1966
20140004691	Local Control and Monitoring Unit	1966
20140004692	Standard Modules, C14,-619, C14-628 Series (Packaging and Mounting Methods)	1966
20140004693	Independently Supported, Tank Entry Platform	1966
20140004694	High-Voltage, Wide-Band Complementary Emitter Follower	1966
20140004695	Seal-Less Solenoid Operated Valve	1966
20140004696	Stop-Clip Fastener	1966
20140004697	Pressure Balanced Shaft Riding Seal of Hydrodynamic Principle	1966
20140004698	Holder for Measuring Pipe Thread Gages	1966
20140004699	Hand Brake for Coasting Spindle	1966
20140004700	Instrumentation Deployment Mechanism	1966
20140004701	Lens and Iris Adapter for Theodolites and Transits	1966
20140004702	Escapement with Added Inertia	1966
20140004703	Crimping Tool	1966
20140004704	Multi-Purpose Dividing Head Adapter	1966
20140004705	MIDAS-FORTRAN IV	1966
20140004706	Bearing Analysis Program with a Plotting Subroutine	1966
20140004707	Dispersion of Hydrated Borax in Plastic as Fire Retardant	1966
20140004708	Constant Slope Equatorial Pattern	1966
20140004709	Toroidal Chamber Thrust Mount	1966
20140004710	The Use of Strain Gage Measurements in Detecting Regions of Separated Flow in a Diverging Nozzle	1966
20140004711	Adjustable Clip for Jig Board or Tool Nails	1966
20140004712	Corner Fillets for Diffusion Bonded Assemblies	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004714	Controlled Release Device	1966
20140004715	Go, No-Go, Flared Tube Gage	1966
20140004716	Optical Monitor Panel	1966
20140004717	15-Channel Motion Detection System	1966
20140004718	Controlled Metal Removal of Spun-Metal Stems	1966
20140004719	BeO BOTTOM-TAPPING VALVE FOR PYROMETALLURGY	1966
20140004720	SILYLAMINES AS CURING AGENTS FOR EPOXY RESINS	1966
20140004721	Adhesive Polymer from "Methylphenyl Laminosilazane" and P,P' Biphenol"	1966
20140004722	Silylphenylene Elastomers	1966
20140004723	Elastomer from 1, 4-bis(Dimethylchlorosilyl) Benzene and Methylamine	1966
20140004724	Template for Laying Out a True Helix	1966
20140004725	Moisture Shield	1966
20140004726	Cooling System Maintenance	1966
20140004727	Torque Measuring Device	1966
20140004728	Electrical Heater Control	1966
20140004729	Lightweight Device for Checking Numerically Controlled Photo-electric Tape Readers	1966
20140004730	Reforming Distorted Tubing	1966
20140004731	Spot Welding Aids Furnace Brazing Process	1966
20140004732	Flash Electroplating Aids Tubing Attachment	1966
20140004733	Apparatus and Technique for Opening and Transferring the Fluid Contents of Sealed Containers under Controlled Conditions	1966
20140004734	Elastomer from "Methylphenylsilazane" and Ethylenediamine Silazane	1966
20140004735	Method of Making "Polymeric Diphenylsilazane"	1966
20140004736	Wave Analysis as a Defect (FLAW) Detection System	1966
20140004737	Sonic Spectrum as a Defect (FLAW) Detection Technique	1966
20140004738	Improvement in Acoustic Crystal Design	1966
20140004739	Method for Analysis of Transducer Couplant Performance	1966
20140004740	Ultrasonic Transducer Clamp	1966
20140004741	Improvement in Impedance Measurement Circuits	1966
20140004742	Improvement in Impedance Bridge Circuit	1966
20140004743	Air Flotation Transducer System	1966
20140004751	The Use of a Rate Gyro to Determine Latitude	1966
20140004752	Modification of Camera for Earth Model Simulation	1966
20140004753	Conversion of Natural Binary Encoder Readout to Decimal Degrees of Rotation and Degrees, Minutes and Seconds of Rotation	1966
20140004754	Modular Power Conditioning	1966
20140004760	Computer Program for Chemical Reactions	1966
20140004761	Hand Cutter-Sealer	1966
20140004762	System for Etching Thick Aluminum Layers	1966
20140004763	Air Bearing Provides Friction-Free Support for Shaker System Slip Table	1966
20140004764	Logarithmic Current Simulator Generates Electrical Currents Accurately Between 10-11 amps to 10-3 amps	1966
20140004765	Shield Modification	1966
20140004766	The Effect of Aluminum on the Saturation Moment of Fe-Ni Alloys	1966
20140004767	Scintillations in Argon and Nitrogen	1966
20140004768	Wire Solder Marker	1966
20140004769	Simple Compensation Technique for Misaligned Mounting Surfaces	1966
20140004770	Modular Sublimator for Localized Cooling	1966
20140004771	Water Tunnel Data Reduction Program for Performance Evaluation	1966
20140004772	Scaling Program for Turbopump Performance Evaluation	1966
20140004773	Fast and Economic Search Method for Sizeable Arrays	1966
20140004776	Trichlorethylene Sump for Cleaning Booths	1966
20140004777	Study on Photosynthetic Halophiles	1966
20140004778	Monotonic Maximum-Likelihood Estimates Using the Method of Reversals	1966
20140004779	Use of X-Y Plotter for On-Line Determination of Operating Limits	1966
20140004780	Tape Controlled Wiedematic Punch Press Tape Proofing	1966
20140004781	Solid State Spacecraft Sequencer System	1966
20140004782	Correction of Design Deficiency of G & N Sextant-Apollo	1966
20140004783	Large Scale Model Utilizing Photosensitive Mylar Film	1966
20140004784	Driver Training Simulator	1966
20140004785	Method for the Accurate Volume Determination of Large Vessels	1966
20140004786	Seal for Insertable Probes	1966
20140004789	Flow Switch Device	1966
20140004791	Greenwich Mean Time/Local Time-Conversion by Longitude	1966
20140004792	Goddard Research Engineering Management Exercise	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004817	Vellum Container Rack, Mobility and Control	1966
20140004818	Welded Ring Method for Fabricating Large Diameter Seals	1966
20140004819	Vacuum Space Relief Device	1966
20140004820	Orbital Vibrator for Furnace Brazing	1966
20140004830	Constant Strain Bend Test Fixture	1966
20140004834	Portable Helium Leak Detector Set	1966
20140004835	Precision Adjusting Phase Shifting Mechanism	1966
20140004837	Finger Supports for Little Joe Lead Extractor	1966
20140004838	Non Destructive Determination of Concrete Floor Thickness	1966
20140004839	Portable Drawing Board	1966
20140004844	Axial Transmissibility Characteristics for Typical Rocket Vehicle Structures	1966
20140004849	Heat Sink for Welding Electrical Connectors to Heaters	1966
20140004851	Three Dimensional Soft Tooling	1966
20140004852	Telescoping Gage	1966
20140004855	Fortran Drawing Subroutines	1966
20140004859	ACE-S/C Data Processing System	1966
20140004867	Four Gimbal with Pivot Support, System, for Expansion Compensation, Pressure Line	1966
20140004868	High Flow Check Valve for High and Low Temperature (+450 to -320 dg. F) Application	1966
20140004869	Test Console Transporter	1966
20140004870	Tube Welding Machine (Circumferential)	1966
20140004871	Remote Controlled Wire Positioner for Automatic Weld Machines	1966
20140004875	Combination Double Door/Hi Vacuum Valve	1966
20140004877	Flexible Coupling Development and Fabrication	1966
20140004878	Heat Exchanger/Glove Assembly and Torso Heat Exchanger	1966
20140004879	Logic Light Fan Motor Test Module	1966
20140004880	Traveling Wave Maser	1966
20140004881	Reducing Radiation Swelling in Metal Fuels	1966
20140004882	Modification of "Orbit-Arc" Weld Machine	1966
20140004883	Combination Spacer and Static Seal	1966
20140004884	Method of Forming Thermocouple Junctions	1966
20140004885	Versatile Boss for Turbine Flowmeter Sensors	1966
20140004886	End Mill Holder	1966
20140004888	TV Transmission Bandwidth Compression Technique	1966
20140004889	Lunar Weighing Scale	1966
20140004890	Polyimide Adhesives for Multilayer Printed Circuit Laminations	1966
20140004891	Printed Circuit Flushing Technique	1966
20140004892	Radiation Safety Technician Training Course - Part I	1966
20140004935	Louvered Section Blast Shielding	1966
20140004936	In-line Cryogenic Orifice	1966
20140004937	Hand Strapping Tool	1966
20140004938	Purge Groove Cutting Tool, Shop Aid	1966
20140004939	Outlier Technique Program	1966
20140004940	Shop Aid, Band Saw Vacuum Fixture	1966
20140004941	Optimization Program	1966
20140004943	Klystron Tuning Means	1966
20140004947	Mounting of Helically Wound Tubes Within a Limited Envelope	1966
20140004948	Torq-Set Screw Installer	1966
20140004949	Resistance Decade Box Substitution for Temperature Resistance Bulb Instrumentation System	1966
20140004950	Application of Liquid Teflon for Repair of Flange Face Sealing Surface	1966
20140004951	Flex Hose Abrasion Protective Sleeving	1966
20140004952	Thicker Skin Increases Wear Life of Flexible Cellular Materials	1966
20140004953	Audible Continuity and Insulation Checker for Electrical Circuits	1966
20140004954	Technique for Measuring Absorptance and Emittance	1966
20140004955	Method for Manufacture of Improved Aerospace Rolling Element Bearings	1966
20140004957	Variable Beam Long Wire Antenna	1966
20140004958	Procedures for Chemical Polishing of Stainless Steel	1966
20140004959	Drafting Lamp Adapter	1966
20140004960	Printed Circuit Plating Frame	1966
20140004961	Pivot Drill	1966
20140004962	Fast Response Thermocouple for Measurement of Temperatures in Cryogenic Gases	1966
20140004963	Technique for Avoiding Logical Delays in Dynamic Magnetic Logic Systems	1966
20140004964	Molecular Circuit Multiplex Switch Using FET's (Series-Shunt)	1966
20140004965	A Fast-Neutron Spectrometer of Advanced Design	1966
20140004966	Temperature Compensation Device as Applied to a Pressure Switch	1966
20140004967	A Technique for Bonding Large Facing Surfaces with Minimum Void Inclusions	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004968	Naflex Seals (Silver Coated)	1966
20140004969	Ball Spline	1966
20140004970	Precision Alignment Jib Plate	1966
20140004971	Injector Fabrication Method	1966
20140004972	Ratchet Device for Assuring Full Cycle of Power	1966
20140004973	Encapsulation of Sensitive Electronic Devices	1966
20140004974	Variable Time Delay Switch	1966
20140004975	Life Support System Educational and Evaluation Display	1966
20140004976	Maintainability Design Concept for Electronic Equipment in Space Vehicles	1966
20140004978	Double Precision Real Simultaneous Linear Equation Solver	1966
20140004979	Supersonic Flow - Cone Solution	1966
20140004980	Heat Transfer--Three Dimensional	1966
20140004981	System for Determining Concentration of Liquid Nitrogen in Liquid Oxygen	1966
20140004982	An Indirect Method for Computing Extremal Rocket Booster Trajectories in an Inverse-Square Force Field	1966
20140004983	A Unique Remotely Controlled Model Suspension System for Wind Tunnels	1966
20140004984	A Flexible Soldering Iron Tip	1966
20140004985	Acceleration Actuated Power Supply	1966
20140004986	High-Gain Operating Technique for Phototransistors	1966
20140004987	Fiberglass Skin Support	1966
20140004988	Chemical Waste Disposal Well	1966
20140004989	Vacuum Chamber Pipe Seal	1966
20140004990	Plant Respirometer	1966
20140004991	Trisphere Spark Gap -- High Voltage Relay	1966
20140004992	Minimum Level for Tank Drainage	1966
20140004993	Clock Synchronization Error Resolving Means	1966
20140004994	Hydraulic Lock for Actuator	1966
20140004995	Adjustable Drill Head	1966
20140004996	Unique Fillet Weld Technique for Thin Wall Tubing	1966
20140004997	Economical Production of X-Ray Spectrum in Vacuo-Tantalum Target	1966
20140004998	Method of Detecting Flaws in Composite Structures	1966
20140004999	Increased Beam Switching Rate of a Tektronix Type CA Preamplifier	1966
20140005001	Economical Production of X-Ray Spectrum in Vacuo-Tungsten Target	1966
20140005002	Computer Program C007, Confidence Interval Determination from Performance Data	1966
20140005005	Automatic Signal Selector, Dwell and Switch Unit	1966
20140005016	TMR/Simplex Mode of Operating TMR Corporation	1966
20140005017	Sealing Connector for High Humidity Environment	1966
20140005018	Automatic Channel Switching Device	1966
20140005019	Producing Flat Tensile Test Coupons on a Contouring Abrasive Belt Grinding Machine	1966
20140005020	Loading Adapter Permits Tensile Testing of Specimens of Brittle Material	1966
20140005037	Program for Estimating Proposal Weight, Center of Gravity, and Moment of Inertia of Rocket Engines and Their Components	1966
20140005042	Reliability of Stored Explosives Assured with Co-Packaging of Matched Test Specimen	1966
20140005043	Component Handler Turntable	1966
20140005044	High Temperature Ground Support Cables	1966
20140005045	Hand Operated Automobile Light Dimmer Switch Aids Handicapped Drivers	1966
20140005046	Throat Plug Serrated Seal	1966
20140005047	Application of Signal Flow Diagram Techniques to the Markov Process for System Reliability Analysis	1966
20140005048	Data Reduction Method	1966
20140005049	Propellant Utilization Gaging System (PUGS) Calibration Column	1966
20140005050	High Speed and High Channel Capacity	1966
20140005051	LEGGED, A fortran IV Computer Program for the Solution of Legged Vehicle Impact Dynamics	1966
20140005052	Pre-Bowing of Front Panels to Improve Stiffening Qualities	1966
20140005053	Brake Assembly for the H7-97 Dolly	1966
20140005054	Disconnect Mounting Assembly	1966
20140005055	Scale Target	1966
20140005056	Isentropic Thrust Vector Control	1966
20140005057	Relief Valve Insertion and Extraction Tool	1966
20140005058	Balanced Chopper Employs MOS FET Transistors	1966
20140005059	Automatic Element Writing	1966
20140005060	General Thermal Analyzer, APD127	1966
20140005061	Scribable Coating	1966
20140005062	Check Valve - Back Pressure Latching	1966
20140005063	Combine Coordinate Measuring Machine and Precision Rotary Table	1966
20140005064	Adapted Tool for Insertion and Removal of Fine Finished Orifices	1966
20140005065	Terminal, Stud, Miniature, Double Turret, Straight Hook End	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140005066	Application of Cavitating Venturi	1966
20140005069	Spacer Pins for Bonding Honeycomb Core Material	1966
20140005070	Aerospace Dissimilar Metals Joining Techniques	1966
20140005071	Rotating Bulkhead Positioning Device	1966
20140005072	Alignment Tool	1966
20140005073	Earth Mount for Trajectory/Orbital Simulation	1966
20140005074	Improved Process for Preparation and Isolation of Dianilinosilanes	1966
20140005075	Environmental Seal of Cable Assemblies	1966
20140005076	Prediction of Surface Heating Due to Hot Expanding Exhaust Gases	1966
20140005077	Dual Identification of Electrical Patchboards	1966
20140005078	Galvanometer Protection	1966
20140005079	Vibration Safety Cutoff Grounding	1966
20140005080	Scanning Means for Cassegrain Antenna	1966
20140005081	Improved High Temperature Pressure Probe	1966
20140005082	Biplanar Viewing System	1966
20140005083	Spin-up Device for Wind Tunnel Testing	1966
20140005085	Redline Cutoff Device	1966
20140005086	Extended Range Nozzle for Gas Flow Measurement	1966
20140005087	Time/Sequence Motion Picture Event Correction	1966
20140005088	Diode Limiting of Signal and Control Functions	1966
20140005089	Modification to Scanners to Extend Current Switching Capability	1966
20140005090	S-II Stage Fit-Up Fixture and Simulator	1966
20140005091	Electrical-Pneumatic Pressure Regulator	1966
20140005092	Format for Component Qualification Status List	1966
20140005093	Vibration Tests Run with Sine Wave and Random Noise Mixed	1966
20140005094	Insulation for liquid Hydrogen Propellant Tanks	1966
20140005095	Stable Voltage Controlled Signal	1966
20140005096	Broken Drill Removal in Copper and Stainless Steels	1966
20140005097	S-Band Helical Antenna	1966
20140005098	Difference Circuit	1966
20140005101	Transistor Heat Sink	1966
20140005102	Powered Lunar Geological Tool	1966
20140005103	Generalized Environmental Control and Life Support System Fortran Programs	1966
20140005104	Radius Generating Device	1966
20140005105	Gas Distributor	1966
20140005106	Flexible Bellows for Hydrostatic Test Fixture	1966
20140005107	Method of Soldering High Impedance, Nichrome Conductor	1966
20140005108	Optical Template for the Measurement of Extremely Small (.0005-.005 inch) Corner Radii	1966
20140005109	One Pound Wire Feeder for Weld Skate	1966
20140005110	Frequency Stabilized Ring Laser	1966
20140005111	Subsonic Accelerator for Droplets or Particles	1966
20140005112	Method of Characteristics Rocket Exhaust Plume Analysis Computer Program	1966
20140005113	Reel Holding Device	1966
20140005116	Saturn S-II Automatic Software System (SASS)	1966
20140005117	System for Suppressing Large, Nonstatistical Noise Bursts in Digital Averaging	1966
20140005118	Investigation of the Use of Penetrometers to Determine the Capability of Dust Materials to Support Bearing Loads	1966
20140005119	Technique for Sample Encapsulation	1966
20140005122	Adjustable Aligning Shear Pin Assembly	1966
20140005123	Radiographic Inspection - Microminiature Thermocouples	1966
20140005124	Dimensional Checking Tool	1966
20140005125	A Method for Stress Analysis of Dynamically Loaded Line Systems	1966
20140005126	Gimbal and Injector Removal of Stage Installed J-2 Engines	1966
20140005127	Gas Chromatographic Column for the Separation of Propellant Hydrazines, Impurities, and Decomposition Products	1966
20140005128	Colored Simulants for Cold Flow Investigations	1966
20140005129	Soldering Iron Temperature Control Device	1966
20140005130	An AFC Mechanization for Precise Loop Tracking Over Wide Temperature Variations	1966
20140005131	Printed Circuit Board Negative Scanner	1966
20140005132	Silver Solder Tinning Pot Temperature and Oxidation Control	1966
20140005133	Fabrication of Electrical Contacts at Less Than 100 F	1966
20140005134	Lightweight Electrical Harness	1966
20140005135	A Method of Synthesizing Hydromechanical Compensation Networks for Hydraulic Servomechanisms	1966
20140005136	Propellant Tank Pressurization Analysis Program	1966
20140005153	High Voltage Amplifier	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140005154	A Technique for Obtaining Matched Complementary MOS Transistors	1966
20140005158	Method of Reconstructing Digital Pictures	1966
20140005159	Toothwheel Motor	1966
20140005163	Outlets for Weld Cables on Large Test Stands	1966
20140005164	Vacuum Cup for Pressure Bonding	1966
20140005166	Spacecraft Transmitter with Improved Frequency Stability	1966
20140005167	Optical Instrument for Measurement of Tube Flares	1966
20140005168	Flatness Measuring Adapters	1966
20140005169	Induction Heating Relieves Stress in Large Welded Joints	1966
20140005170	A Revised Program for Statistically Analyzing Data from Analog Power	1966
20140005171	Thrust Chamber Tube Analysis OS 711	1966
20140005172	Digital Computer Routines for Analysis Control Systems and Components	1966
20140005173	Computer Analysis in Planning Modernization of a 20,000 HP Pump Drive	1966
20140005174	High-Pressure Hydrogen Supply System	1966
20140005175	Resurfacing Lapping Tool	1966
20140005176	Firex Fai;-Wet Control	1966
20140005177	Bone Fracture Immobilizing Sheath	1966
20140005178	Liquid Nitrogen Level Controller	1966
20140005179	Analytical Technique for Hydrogen Concentration	1966
20140005180	Viscous Damped Hydraulic Actuator	1966
20140005181	O-Ring Improvement	1966
20140005182	Movable Reference Mass	1966
20140005183	Pneumatic Operated Ball Lock	1966
20140005184	Collet Adapter for Cincinnati Dividing Head	1966
20140005185	Inner Shield Ferrule with Plastic Protection Insert in Lieu of Plain Metal Inner Ferrule	1966
20140005186	Teflon Innercore Flex Line Resists Fatigue Failure	1966
20140005187	Rocket Engine Cutoff Monitor System	1966
20140005188	Pneumatic Push-Off with Automatic Dampening Stop	1966
20140005189	Bayonet Connector Pliers	1966
20140005190	Bonded Shear and Feel Specimen Cutter	1966
20140005191	Metal Static Seal	1966
20140005192	Improved Seal in T-7200009 Hydrotest Tool	1966
20140005193	Modified Workpiece Support	1966
20140005194	Large Diameter 5000-psi Gas Seal	1966
20140005195	Structural Adhesive, Self-Releasing	1966
20140005196	Flight Simulate Cam Computer Program for any Numerically Controlled Milling Machine	1966
20140005197	Statistical Analysis Program 7R-601	1966
20140005199	"Hang-On" Welding Controls	1966
20140005200	Modified Vacuum Relief Valve for Operation Under a Liquid Pressure Head	1966
20140005201	Remote Flowmeter Checkout	1966
20140005202	TIG Spot Welding 2219 Aluminum	1966
20140005203	Matching Flow Characteristics of Standard Valves	1966
20140005204	Synthesis of 1,2-Difluoroethylene	1966
20140005205	Operation Analysis	1966
20140005206	Automated Accounting System for Office SU"Qplies	1966
20140005207	Anti-Glare Shield for AlDha-Numeric Display-- C7-102	1966
20140005208	Installation of Display Panel Components; i.e., Lights, Fuses, Switches, etc.	1966
20140005209	Local shielding of radiation during X-ray of circumferential welds in vertical building	1966
20140005210	Leak-Proof Self-Sealing Bolts	1966
20140005211	Micro Leak Detector	1966
20140005212	Constant Tension Offset Gauge	1966
20140005213	Insert Welded System Concept	1966
20140005214	Positioning Quill Shaft	1966
20140005215	Explosive Spot Welding by Miniature Shaped Chares	1966
20140005216	Turbine Blade and Wheel Assembly	1966
20140005217	Thrust Chamber Manifold Flow Equalizer	1966
20140005218	Thrust Chamber Throat Plug for Leak Testing	1966
20140005219	Reusable Ignition Detection Device	1966
20140005220	Polyvinylene Fluoride and Copolymers	1966
20140005221	Synthesis of Perfluoro (Methyl Vinyl Ether)	1966
20140005222	Polymers of Perfluoro (Methyl Vinyl Ether)	1966
20140005223	Hoist Extension Adjustment Screw	1966
20140005224	Core Positioning Shop Aid	1966
20140005225	Book Form Wiring Diagram	1966
20140005226	28VDC, 12 Amp. Electronic Filter	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140005227	Remote Fail Wet System	1966
20140005228	Universal Schematic Diagram	1966
20140005229	Automated Connector Mating Verification	1966
20140005230	High-Secondary-Flow Thrust Augmentation	1966
20140005231	Sonic Venturi for Gas-Flow Measurement and Control	1966
20140005232	Pressure Oscillation Damping Device for Use in Propellant Ducting	1966
20140005233	Linear Explosive Cutting Charge	1966
20140005234	Foam-Cooled Blanket for Thermal Protection	1966
20140005257	Inflation Seal	1966
20140005258	Device for Measurement of Low-Rate Gas Flow	1966
20140005259	Self-Thawing Cold Trap	1966
20140005260	Materials Test that Simulates Rocket Engine Environments	1966
20140005261	"Goof Proof" Check Valve Installation	1966
20140005262	Thermal Barrier Coating for High-Temperature Use	1966
20140005263	Opposed Arc Welding	1966
20140005264	Piggyback Experiment	1966
20140005265	System Criteria for Reusable Launch Vehicle Concepts	1966
20140005266	Liquid Droplet Vaporization and Combustion Rate Model Computer Program	1966
20140005267	Labyrinth Type Regulating Valve Seal	1966
20140005270	Universal Graduated Cutter Assembly	1966
20140005271	Heavy Duty Precision Leveling Jacks	1966
20140005272	Servocontrolled Timing for Shutoff Valves	1966
20140005273	High Intensity Axial Load System	1966
20140005274	A Method of Making Sub-Micron Holes in Thin Foils	1966
20140005275	Semi-Automatic Lens Cap	1966
20140005276	Furlable Structural Member	1966
20140005277	Simplified Flow Shield for F-1 Engine Oxidizer Inlet Duct	1966
20140005278	Transistorized Safety Circuit	1966
20140005279	Change of Sign in Thompson Ramo Wooldrge Numerically Controlled Director	1966
20140005280	Sticking Photographic Prints	1966
20140005281	Switch Safety Block	1966
20140005282	Focusing and Framing Device for Cameras	1966
20140005283	Bearing Tester Modification	1966
20140005284	Large Volume Chemical Process Liquid Temperature Prediction Method	1966
20140005285	Tool Wristlet Assembly	1966
20140005286	Hockey Stick Load Checker Lever and Spring Scale	1966
20140005287	Thermocouple Open Circuit Protection	1966
20140005288	Voltage Offsetting Circuit	1966
20140005289	Large Excursion Infinite Resolution Linear Transducer	1966
20140005290	Plastic Lamination of Working Forms	1966
20140005291	Annular Ejectors	1966
20140005292	Pack Design for Roll Diffusion Bonding	1966
20140005293	Continuous Process for the Preparation of High-Tenacity Polypropylene Multifilament Yarn	1966
20140005294	Pressure Transducer	1966
20140005295	A Self Clamping Circuit	1966
20140005296	Method to Obtain Rapid Deflection Retrace	1966
20140005297	A Method of Testing Performance of Vidicons During Vibration (2)	1966
20140005298	Investigation of Suggested Method for Determining Density of Surfaces	1966
20140005299	Multilayer Welded Circuit Board	1966
20140005300	Thin Film Meteoroid Detector	1966
20140005301	A Variable High Voltage, High Power DC Waterload	1966
20140005302	Method to Compensate for Pin Cushion Distortion of a Display System	1966
20140005303	Impedance Matching Tool	1966
20140005304	Flow Test Device	1966
20140005305	High-Energy Pneumatic Test Cell	1966
20140005306	A Simple Electronic Method for Graphing EEG Sleep Patterns	1966
20140005307	Annular Thrust Chamber	1966
20140005309	Improved McLeod Pressure Gauge	1966
20140005310	Extraction of Rigid-Body Motion from the Total Motion of a Flexible Body	1966
20140005312	Adhesive Bonded Indexing System	1966
20140005313	IBM 7094 Two-Dimensional Transient Heat Conduction Program (AP-221)	1966
20140005314	Integrated Data Management and Acquisition System (IDMAS)	1966
20140005315	Simplified Method for Obtaining Coaxial Cable Electrical Constants (C14-348)	1966
20140005316	Thermodynamic Theory and Experimental Data on Two Component Gas Expansion With Condensation and Heat Transfer	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140005317	Damper for Force Transducer	1966
20140005318	Screen Tension Water Separation System	1966
20140005319	Teflon Fabric Diaphragm for FLOX Service	1966
20140005320	Downstream Injector	1966
20140005321	Motor-Driven, Air-Scrammed Control	1966
20140005323	A New Electrical Conductor for Magnet Coils	1966
20140005324	An Improved Logarithmic Function Generator	1966
20140005325	Quartz-To-Metal and Large Diameter Metal-To-Metal Recycling Cryogenic High-Vacuum Seals	1966
20140005326	The Solubility of Metal in Liquid Zinc	1966
20140005327	Sampling of Liquid Metals	1966
20140005350	Electromagnetic Ball Bearing Assembly Fixture	1966
20140005351	Fabrication and Pressure Formation of Meteoroid Penetration Detectors	1966
20140005352	Sensors Measure the Surface Ablation Rate of a Reentry Vehicle Heat Shield	1966
20140005353	Precision Eight-Axis Welding Torch Positioner	1966
20140005354	TWMR Engine Simulation	1966
20140005358	Fire Detection System	1966
20140005360	Cleaning Small-Diameter Stainless Steel Tubing	1966
20140005361	Flip-Flop for Bounceless Mechanical Switching	1966
20140005362	Solid State Switch	1966
20140005364	Method of Measuring Impedance of DC Power Source	1966
20140005365	Seal Off Assembly	1966
20140005368	10 Channel High Level Multiplexer Employs Integrated Circuitry	1966
20140005369	Digital Circuitry Interprets Binary Input from Shaft Angle Encoder	1966
20140005374	Investigation of High-Energy Electromagnetic Radiation Effects on Semiconductor Devices	1966
20140005375	A Preregulator Feedback Circuit Utilizing a Light Actuated Switch	1966
20140005376	Variable Porosity Walls for Transonic Wind Tunnels	1966
20140005377	Process for Preparing an Emitter Surface	1966
20140005378	The Roving Probe	1966
20140005379	Process for Glassing Periphery of Pellet Resistors	1966
20140005381	Adjustable Dial Scale	1966
20140005385	Method for Producing Flattened Tubes of Uniform Cross Section	1966
20140005386	Logic Level Transformation Circuit	1966
20140005387	A Weld Intelligence System	1966
20140005388	Adhesive System for Fastening Polyester and Polyimide Insulated Flat Conductor Cables to Surfaces	1966
20140005436	Lined and Annulus Vented Vessels	1966
20140005437	Pipe Weld Quench and Temper Heat Treating Device	1966
20140005439	High-Frequency Precision Cyclic Loading System	1966
20140005440	Fail Safe Automatic Protective Vent	1966
20140005441	Tow Boat Unmanned Engine Room (NASA Clermont)	1966
20140005442	Cin camera Synchronization System	1966
20140005443	Vacuum Relief and Check Valve	1966
20140005444	Plasma Electron-Density Laser Detection Technique	1966
20140005445	Jet Pump Program	1966
20140005447	High Temperature, High Current Capacity Radiation Resistant Electrical Switchgear	1966
20140005448	High Temperature Gas Filled, Ceramic Rectifiers, Thyratrons, and Voltage-Reference Tubes	1966
20140005449	Fluid Logic Control Circuit	1966
20140005450	Millivolt Signal Limiter	1966
20140005453	Actuator Rollers-Fisher Vickery Ball Valves	1966
20140005454	Composite Fluid Injection Thrust Vector Control System	1966
20140005455	Concentric Tube Tapoff Port	1966
20140005456	Epoxied Mock-Up Fittings	1966
20140005457	Soft Gasket Sealing, Tongue and Groove Flange Technique	1966
20140005458	Multiple Pin Connector Pull Test	1966
20140005459	Polishing of Flares in MC-146 Flared 304L Tubing	1966
20140005460	Gaseous Nitrogen to Liquid Nitrogen Condenser	1966
20140005461	Combustor Tank Level Gage Indicator Control Circuit	1966
20140005462	Solid-State Annunciator	1966
20140005469	Locked Oscillator Phase Modulator	1966
20140005470	Computer Solutions of the Vlasov Equations	1966
20140005471	O-Ring Installation Tools	1966
20140005472	Composite Thermal Shield	1966
20140005473	Bolt Locking Compound	1966
20140005492	To Provide Color Code Provision to Electrical Cables for EMI Control	1966
20140005493	Optical Tooling Quadrant	1966
20140005494	Method of Aligning Umbilical for Perfect Mating	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140005495	Mercury Wetted Bi-Stable Relay Switch Lights for Light Indications of Memory Network Circuits	1966
20140005496	Infra-Red Television Camera System	1966
20140005497	Adapter--Coupling, Electrical	1966
20140005498	Styrofoam Shipping Containers for Magnetic Tape	1966
20140005499	Modified Alard AN Fitting for High-Pressure Lines	1966
20140005500	Orificed Check Valve	1966
20140005501	Portable Welder, Bottle Gas Rack, and Lifting Device	1966
20140005502	Flexible Compressible Spring-Loaded Pressure Probe	1966
20140005503	Instrument for the Continuous Measurement of the Density of Flowing Fluids	1966
20140005504	Improved Bearing Alloys	1966
20140005512	Compliance Coupling	1966
20140005513	Horizontal Rotating Brazing of Engine Thrust Chambers	1966
20140005514	A System to Permit Use of Lab-Calibrated Photocons	1966
20140005515	One-Piece, Self-Sealing Copper Seats	1966
20140005516	Technique for Control of Differential Thermal Expansion	1966
20140005524	Pneumatic System for Controlling and Actuating Pneumatic Cyclic Devices	1966
20140005525	Bi-Directional Thresholdless Valve	1966
20140005528	Flange Joint for Cryogenic Ducting	1966
20140005529	Braze Furnace Hearth Leveling Device	1966
20140005530	Liquid Level Measuring System	1966
20140005531	LOX-Hydrogen Ullage Gas Combustion	1966
20140005570	Heat Flux Sensor	1966
20140005571	Synchronization Circuit	1966
20140005572	Vers-A-Skid	1966
20140005573	Slip-on Hand Adjustment Knob	1966
20140005574	Machine Tool for S-II "J" Weld	1966
20140005575	Tubular Thrust Chamber Repair Tool	1966
20140005576	Converting AN Fittings for Pressure Activating Sealing Capabilities	1966
20140005577	Structural Design Improvement for Aerospike	1966
20140005578	Measurement of Axial Bolt Loads	1966
20140005579	Protective Coating for Metal Containers	1966
20140005580	New Semiconductor Permits Long Duration Analog Storage Device	1966
20140005581	Partial Wave Anaysis of Electromagnetic Wave Propagation in Inhomogeneous Media	1966
20140005582	Technique for Simulation of Variable Strength Adhesive Bonds	1966
20140005583	Handtool Pouch and Retaining Means	1966
20140005584	Novel Quasi-Steady Analysis Technique	1966
20140005585	Low Cost Liquid Hydrogen Level Indicator	1966
20140005586	Multichip Hybrid Microcircuit High Sensitivity Radiometer	1966
20140005587	Stabilized Liquid Propellant Test Feed System	1966
20140005588	Lightweight Lifteraft Fabric with Improved Abrasion Resistance	1966
20140005589	Automatic Starting Device for Arc Heaters	1966
20140005590	An Approximate Method for the Computation of Scattering by Conducting Cylinders with Arbitrary Cross-Section	1966
20140005591	Solution of the Supersonic Flow Field Around an Oscillating Circular Cone	1966
20140005592	A Technique to Determine the Inherent Stability of Combustion Systems	1966
20140005593	Preferential Edge Coating of Flat Ribbon Wire	1966
20140005594	Component Lead Cleaner	1966
20140005595	Modified Swaging Tool Eliminates Splitting of Terminals	1966
20140005596	Circuit for Locating & Identifying D.C. Inputs on a Cathode Ray Tube	1966
20140005597	Magnetic Coupling	1966
20140005599	Data Extraction System	1966
20140005600	Improved Monitoring Technique for Momentary Relay Contact Failures	1966
20140005601	Heater Control Circuit for Both Fast and Proportional Control	1966
20140005603	Low Level Accelerometer Test Methods - a report	1966
20140005606	Fast Response Cryogenic Density Measuring System	1966
20140005607	FET Buffer Amplifier	1966
20140005608	Hybrid Operational Amplifier with Offset Adjustment	1966
20140005609	Preparation of High Molecular Weight "Nitroso" Polymers Containing Fluorocarbon Vinyl Ethers as Comonomers	1966
20140005611	Coding for Minimizing Storage Requirements	1966
20140005613	Pressure-Telemetry Transducer and Fabrication Means Therefor	1966
20140005614	Process for Reducing Secondary Electron Emission	1966
20140005617	Dimpled Sheet Forming	1966
20140005619	Minimum Time Delay System	1966
20140005620	Rocket Engine Thrust Vector Deviation Measurement Device	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140005621	Fatigue in Metals Identified by Polarized Light Photography	1966
20140005622	High Strength Electrical Conductors	1966
20140005623	Measurement of Reflectance and/or Transmission Loss	1966
20140005624	Linear System Transfer Function	1966
20140005625	System/360 Compatible Subroutines for the SC-4020 Plotter	1966
20140005626	Matrix Algebra Interpretive System (Malis)	1966
20140005627	Interface Mass Transfer	1966
20140005628	Step Input Pressure Response	1966
20140005629	Three Dimensional Table Package	1966
20140005630	Antenna Voltage Breakdown Study	1966
20140005631	Transport Properties of Non-Reacting Gas Mixtures at Low Pressure	1966
20140005632	A Miniature Telemetry System for Pressure Measurements	1966
20140005633	Battery Powered Detector for Hydrazine Fumes	1966
20140005634	Polarity Reversing Probe	1966
20140005635	Retention of Patch Panel Flexibility Despite Configuration Control Restraints	1966
20140005636	Retention of Patch Panel Flexibility Despite Configuration Control Restraints	1966
20140005637	Calibration Technique for Transient Temperature Measurements	1966
20140005638	Pyrotechnic Igniter Simulator	1966
20140005639	Remote-Controlled Engine Removal Dolly	1966
20140005640	Portable Electrical Discharge Machining Apparatus	1966
20140005641	Testing Semiconductors	1966
20140005642	Library Tape Audit Indicator	1966
20140005643	Color Prints from Black and White Negatives	1966
20140005644	Purge System for Instrumentation Sensing Lines	1966
20140005645	Ektacolor Flipcharts	1966
20140005646	Layout Word Guide	1966
20140005647	Simplified Method for Calibrating Heise Pressure Gages	1966
20140005648	Semi-Automatic Preset Firex System	1966
20140005649	Turbine Flowmeter Mathematical Model	1966
20140005650	Engineering Data Bank	1966
20140005651	Paralell Tube Injector	1966
20140005653	A Method of Time-Distance Deviation Correction Applicable to Spacecraft Soft Landing	1966
20140005654	Pathogen Status of Commercially Produced Laboratory Mice	1966
20140005655	Tritiated Alumina as a Reagent for Self-Labeling Chromatographic Analyses	1966
20140005656	The Determination of Uranium Isotopes by Atomic Absorption Spectrophotometry	1966
20140005657	Modulation Multiplier or Amplifier	1966
20140005710	In-Line Flowmeter	1966
20140005711	Qno2en1c Heat Exch8.!!\$Cer	1966
20140005712	Cryogenic Sealant for J-2 Start Tank	1966
20140005713	Cryogenic Filter Element Seal	1966
20140005714	Economical, Re-useable Protective Container for Large Diameter Cryogenic Seals	1966
20140005715	New Method of Utilizing PERT principle for Operational Control	1966
20140005716	A Simple Shear Lag Relaxation Solution	1966
20140005718	Multiple Function Timer	1966
20140005719	Identification of Classified Material	1966
20140005720	Model Work Station for Electronic Assemblies	1966
20140005721	TV Systems for Hazardous Areas to Record and Analyze Test Results	1966
20140005722	Printer/Plotter Paper Take-up System	1966
20140005723	Determination of Maximum Gas-Slide Wall Temperature during Test	1966
20140005724	Photoelectric Speed Transducer	1966
20140005725	Piezoelectric Constant Measurement System	1966
20140005726	Flight Package Holding Fixture Truck	1966
20140005727	Plastic Poker Chip Display of Incremental Loading	1966
20140005728	Fabricating Filter Elements from Invar Steel	1966
20140005731	Dynamics of Normal and Relative Growth	1966
20140005732	Superheated Steam Corrosion of Zirconium Alloys Containing Small Amounts of Ion and Copper or Nickel	1966
20140005733	Corrosion and Behavior of Steels and Nickel Alloys in Superheated Steam	1966
20140005734	Biological Characterization of "Mast Cell Sensitizing" Antibodies	1966
20140005737	Hose Assemblies-Flexible, Metal, High and Low Pressure	1966
20140005738	Adjustable Match-Drilling Tooling Plate	1966
20140005739	Solenoid Valve Monitoring Circuit	1966
20140005740	Diffusivity of Uranium in Various Liquid Metal Solutions	1966
20140005741	A Fortran Program to Analyze Mass Spectrometer Ion Optics	1966
20140005743	A New Approach to the Explanation of the Flutter Mechanism	1966
20140005745	Frictionless Linear Actuator	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140005832	Vertical Milling Head Adapted to Horizontal Boring Mill	1966
20140005833	Rotation Direction Control Device for In-Place Tube Welding	1966
20140005834	Mechanical Seal for Testing Bonded Honeycomb Panels	1966
20140005835	Trichloroethylene Check Valve	1966
20140005836	Fluid Flow Testing into a Pressurized Gas Atmosphere	1966
20140005837	Moisture Trap for High Gas Glows	1966
20140005838	Economical RP-1 Fuel Chiller	1966
20140005839	Deionized Water Reclamation	1966
20140005840	Ullage Motor Case Insulator Bonding Process	1966
20140005841	Helical Lay Harness with a Braided Jacket versus Parallel Lay Harness Continously Laced for Saturn S-II	1966
20140005842	Cut Annunciator Circuit	1966
20140005843	Use Video Tape to Record Commercial Aircraft Landings and Takeoffs	1966
20140005844	Terminal Board/Chassis Electrical Connector	1966
20140005845	Calcualtion of Thrust Cone Electrical Wire Harness Lengths	1966
20140005846	Visual Method of Setting Trigger Levels on Berkley Counters	1966
20140005847	Hydrogen Flame Detection	1966
20140005848	Galvanometer Behavior Curves	1966
20140005849	Protection and Access Platforms	1966
20140005888	Welding Composite Structural Components of Similar and Dissimilar Metals and Alloys	1966
20140005889	Direct Color Copy	1966
20140005891	Flashing Exit Sign	1966
20140005894	Cryogenic Fluid Mass Flow Meter	1966
20140005895	Fuse Circuit Tester	1966
20140005896	Cap Mounted Terminals	1966
20140005897	Atmospheric Densitometer Capsule	1966
20140005898	Leak Detection System	1966
20140005900	Electronic Time-Delay Control	1966
20140005901	Small Size Art for Briefing Charts	1966
20140005902	Oscillogram Processing	1966
20140005903	Direct Positive Photo Copies	1966
20140005904	Image Conduit Photography	1966
20140005907	Welding Torch with Aerodynamic Shape	1966
20140005908	"Breadboard" Logic Test Console	1966
20140005910	Nozzle Attachment, Shop Aid	1966
20140005911	Single Parameter Testing	1966
20140005912	A Monte Carlo Program for Transmission Probability Calculations including Mass Motions	1966
20140005913	"Wire Solder Marker"	1966
20140005914	Transparent Mold for Void Free Potting Operation	1966
20140005916	Versatile Computer Discrete Input Monitoring System	1966
20140005922	Positive Film Printing	1966
20140005935	Negative Identification	1966
20140005936	Acceptable Method of Marking Callouts for Reproduction	1966
20140005937	Removal of Dye Penetrant Developer from Parts	1966
20140005938	Connector, Cable Cover and Cable Support	1966
20140005939	Charge Amplifier Functional Test Assembly	1966
20140005940	Diagrams to Facilitate Manufacturing of Electrical Assemblies	1966
20140005941	Fiber Glass Brush	1966
20140005942	Checking for Solderability	1966
20140005943	Shipping Racks for Mercury Menometers	1966
20140005944	Dip-Tinning Component Leads	1966
20140005945	Identification Protector for Wire Harness and Connectors	1966
20140005946	Three Dimensional Incentive Fee Slide Rule	1966
20140005947	Dissolving of Epoxy or Polyurethane from Connectors	1966
20140005948	Solder Plated Turret Terminal	1966
20140005950	Extraction Tool	1966
20140005951	Coupling Motor to Cutter	1966
20140005952	Ferrule Tool	1966
20140005953	Mockups Facilitate Fabrication of GSE Racks	1966
20150009372	The "Mars Sweepstakes"	1966
20150009375	Planetary Quarantine Plan, Voyager Project	1966
20150009401	Research Facilities Program	1966
20150009562	Phoenix Field Station, Technology Branch, Communicable Disease Center: Services Provided in Support of the Planetary Quarantine Requirements	1966
20150009720	Contamination and Sterilization	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150009726	Effects of Hard Vacuum and Elevated Temperature on Properties of Nozzle and Chamber Materials for Solid Rocket Motor Applications	1966
20150009736	Microbiological Studies Conducted in the Experimental Assembly and Sterilization Laboratory	1966
20150009737	Cleaning the 'ZIP' Gun for Astronaut White's Walk in Space	1966
20150009739	Factors Influencing the Recovery of Viable Microorganisms from Surfaces	1966
20150009910	Quarterly Status Report	1966
20150009977	Quarterly Status Report June 1, 1966 - August 31, 1966	1966
20150009989	Code of Practice for Radiation Sterilization of Medical Products	1966
20150009996	Establishment of a Spark Chamber Photograph Reduction Facility	1966
20150010008	The Space Vehicle Sterilization Problem	1966
20150010012	Monitoring Clean Areas	1966
20150010017	Dry Heat Survival OF Bacillus Subtilis Var. Niger in Association with Soil Mineral Particles	1966
20150010022	Decontamination Techniques for Lunar Orbiting Spacecraft	1966
20150010027	University of Minnesota School of Public Health Quarterly Status Report	1966
20150010028	University of Minnesota School of Public Health Quarterly Status Report	1966
20150010058	Evaluation of Filters with Submicron Aerosols	1966
20150010069	Services Provided in Support of the Planetary Quarantine Requirements	1966
20150010072	Clean Room Technology as Related to Aerospace Hardware	1966
20150010073	Soil Sampling Parameters for Extraterrestrial Life Detection	1966
20150010076	Biological Contamination Control	1966
20150010280	A Rationale for Establishing Planetary Quarantine Requirements During Unmanned Exploration of Mars	1966
20150010286	Thermostructural Effects of Heat Sterilization on a Planetary Spacecraft	1966
20150010294	Microbial Survival After Simulated Meteoroid Impact	1966
20150010442	Voyager Project Progress Report May 1, 1966	1966
20150010448	Manned Spaceflight Objectives	1966
20150010449	Silver Membrane Filters as a Support for Infrared Analysis by Attenuated Total Reflection	1966
20150010451	Effect of Time and Temperature in Assessing Microbial Contamination on Flat Surfaces	1966
20150010473	Sterilization - A Selected Bibliography from the Literature Retrieval System, Space Biology Branch	1966
20150010488	Space Science Center	1966
20150010494	The Assembly/Sterilizer - A Facility for the Sterilization and Assembly of Spacecraft	1966
20150010500	A Discussion of the Planetary Quarantine Constraints	1966
20150010513	Report on Preliminary Examination by Electron Microscopy and Electron Diffraction of Materials Collected by the Luster Sounding Rocket Experiment on November 16,1965	1966
20150010523	Gemini Unit Includes Biological Panels	1966
20150010538	Microbiological Barrier Equipment and Techniques	1966
20150010546	Missions to Mars Spur Survey of Bioclean Rooms	1966
20150010547	Work Statement for Continuing Studies in Sterile Assembly Techniques	1966
20150010548	Cultural Characteristics of Bacterial Colonies	1966
20150010551	Basic Studies in Environmental Microbiology as Related to Planetary Quarantine: Phase I and II - Human Contact Contamination and Anti-Microbial Barriers	1966
20150010598	Standard Procedures for the Microbiological Examination of Space Hardware	1966
20150010608	Mobile Virus Containment Laboratory and Animal Quarters	1966
20150010634	Study of the Biological Cleanability of Surfaces Using Radioisotope Tracer Techniques	1966
20150010636	Bacteria Filter, Oxygen Environmental Control Subsystem Design Control Specification	1966
20150010646	Sterilization and Contamination: The Nature of the Problem	1966
20150010647	Peptide Synthesis from Amino Acids in Aqueous Solution	1966
20150010657	Voyager Effort Focuses on Sterilization	1966
20150010661	Sensitivity of Bacteriological Detection Techniques to Low Levels of Contamination	1966
20150010669	Voyager Mars Quarantine Ejected Particle Trajectory Study	1966
20150010674	Recent Contributions to Spacecraft Sterilization Technology in the Soviet Union	1966
20150011259	Project Apollo GSE End Item Specification for Fluid Distribution System Environmental Test Facility MSC-Houston, Texas Model S14-045	1966
20150011431	Nerva Engine Performance Sensitivity	1966
20150011537	Support Directive Apollo/Saturn IB Launch	1966
20150011576	1st Apollo Experiment Pallet Monthly Progress Report	1966
20150011779	Dosimetric Measurements in Whole Body Irradiated Monkeys	1966
20150011780	Some Recent Observations Associated with Acute (3-5 Day) Intestinal Radiation Death in the Rat	1966
20150011781	Non-Linear Mathematical Analog of the Gluco-Corticoid Control System	1966
20150011782	Application of Tensor Methods to Mancomputer Problems - Digital Computer Formulation of the Equations of Motion in a General Curvilinear System of Coordinates	1966
20150011783	Dynamic Response of the Human Body to Vibration when Combined with Various Magnitudes of Linear Acceleration	1966
20150011784	Changes in Perceived Size and Shape of a Highly Luminous Target	1966
20150011791	Isolation of Rat and Rabbit Growth Hormones	1966
20150011792	Partial Purification and Characterization of a Carboxytripeptidase from Bovine Anterior Pituitary	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150011793	Effect of Adrenalectomy and Fasting on Liver Pyruvate Kinase	1966
20150011794	Inert Gases	1966
20150011795	A Chloride-Requiring Enzyme	1966
20150011796	Amino Acid Induced Diuresis	1966
20150011797	Effect of Dehydration, Hyperthermia and Fatigue on Man's Tolerance to a Passive Tilt Table Test	1966
20150011799	Differential Nucleic Acid Metabolism of Planarial Segments	1966
20150011800	Evaluation of Biochemical Intermediates as Potential Foods	1966
20150011802	Effects of Prolonged Exposures of Rats to Increased Oxygen Pressures	1966
20150011803	Static Volume-Pressure Relations in Lungs of Rats Exposed to 100 Percent Oxygen	1966
20150011805	Tissue Regeneration (Mitosis) Under Conditions of Altered Gravity	1966
20150011809	Direct Measurement of Dissipation of Waves in Arteries and Veins	1966
20150011810	Chapter 2: Some Observations on Secondary Ascending Afferent Systems in the Central Nervous System	1966
20150011811	The Effects of Transmural Pressure on the Speed of Artificial Pulses in Veins	1966
20150011812	Effects of Various Drugs on the Transmission of Waves in the Vena Cava	1966
20150011813	Elastic Properties of the Inferior Vena Cava Determined by Wave Transmission	1966
20150011814	Transmission Velocity of Induced Pulse Waves in Arteries	1966
20150011815	Effect of Blood CO ₂ Tension on the Performance of the Heart-Lung Preparation	1966
20150011816	Changes in Liver Glycogen Synthetase Activity in Centrifuged Rats with Age and Exposure Time	1966
20150011817	Occurrence of AMP and ADP Regulation of ATP-Dependent CO ₂ Fixation in the Autotroph Thiobacillus X	1966
20150011818	A Method to Determine the Number of DNA Replicating Units in Cultured Mammalian Cells	1966
20150011819	Effects of L-Valine on Protein Synthesis in Pseudomonas Saccharophila	1966
20150011821	Enteric Infections in Gnotobiotic Guinea Pigs	1966
20150011822	An Experimental Study of Induced Pulse Waves in Arteries	1966
20150011823	Approaches to the Study of Animal Behavior	1966
20150011824	Prolonged Recording from Single Vestibular Units in the Frog During Plane and Space Flight. Its Significance and Technique	1966
20150011825	Comparison of the Spinal Reflexes of the Monkey in Air and in Artificial Atmospheres	1966
20150011826	High Levels of Antidiuretic and ACTH-Releasing Activity in the Blood of Stressed Rats	1966
20150011827	Enzyme Activity in Macrophages from Animals Exposed to a Very Low Magnetic Field	1966
20150011828	Chromosome Breakage and Loss Following Alpha Particle Treatment of Drosophila	1966
20150011829	Mutations Induced in Drosophila by the Heavy Primaries of Cosmic Radiation	1966
20150011830	Lysosomal Enzymes in Rats Exposed to 100 Percent Oxygen	1966
20150011832	Possible Polymerization of Amino Acids in Prebiotic Synthesis	1966
20150011833	The Role of Radiation in Primordial Organic Synthesis	1966
20150011835	Catalytic Decarboxylation of Oxaloacetic Acid by Thermal Poly-Amino Acids	1966
20150011837	Factors Affecting the Assay of ATP-Dependent CO ₂ Fixation in Extracts of Chemoautotrophic and Photosynthetic Autotrophs	1966
20150011838	Some Physical and Biological Characteristics of the RTF Factor	1966
20150011840	The Effect of Salt Concentration on In Vitro ATP-Dependent O ₁₄ O ₂ Fixation in the Halophilic Photosynthetic Alga, Dunaliella Salina	1966
20150011842	The Origin of Life	1966
20150011843	Membranes and the Lipogenic Activities of Subcellular Yeast Fractions	1966
20150011845	Galactokinase	1966
20150011847	The "Mars Sweepstakes"	1966
20150012571	Performance/Design Requirements for Apollo Mission Simulator 1	1966
20150012582	Lunar Excursion Module - Landing Radar Bench Test Console Part No. LSC410-32523	1966
20150012587	Operational Timeline Mission as 501 Spacecraft 017 Project Apollo	1966
20150012607	Little Joe II Test Launch Vehicle NASA Project Apollo	1966
20150012608	The Effect of In Vitro and In Vivo Caffeine, Theophylline, and Hydrocortisone on the Phosphodiesterase Activity of the Pituitary, Median Eminence, Heart and Cerebral Cortex of the Rat	1966
20150012627	Nitrogen Tetroxide/Titanium Alloy Stress Corrosion Investigation	1966
20150012628	1st Apollo Experiment Pallet Monthly Progress Report	1966
20150012629	Apollo Experiment Pallet Monthly Progress Report - 17 January 1966	1966
20150012631	Solar Abundance Determination from Ultraviolet Emission Lines	1966
20150012632	Thermal Deformation in a Satellite Telescope Mirror	1966
20150012739	GSE End Item Specification for Parachute Installation Set: Model A14-128	1966
20150012752	End Item Specification Performance/Design Requirements for Apollo Mission Simulator 1	1966
20150012762	Vehicle Plan for Spacecraft 012 and 014 Section I, Vehicle Test Plan	1966
20150012766	The Iron Meteorites, Their Structure and Thermal History	1966
20150012768	Resonant Oscillations of a Flexible Satellite in an Elliptic Orbit	1966
20150012769	A Satellite Tracking Simultaneous-Lobing Monopulse Receiving System with Polarization Diversity Capability	1966
20150012779	The Crossed Field Velocity Selector	1966
20150012793	Design Reference Mission II A	1966
20150012809	Failure Summary and Trend Analyses	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150012813	Apollo/Saturn IB Consolidated Instrumentation Plan for AS-201	1966
20150012818	The Effects of Shear Deformation and Rotary Inertia on Modal Data of a Nonuniform Beam	1966
20150012887	Cosmic Ray Electron Spectrum and the Universal Black-Body Radiation at 3 Degrees K	1966
20150012911	Mass Dependence in Gravitational Collapse of Stellar Cores	1966
20150012912	The Instrument Function of a Wide-Angle Michelson Interferometer Spectrometer	1966
20150012913	Evolution of the Radio Spectral Index of Supernova Remnants	1966
20150012917	Nondissipative DC to DC Regulator-Converter Study	1966
20150012918	Bottle Rack and Manifold, Freon Design Control Specification	1966
20150012943	Lunar Imagery	1966
20150012944	Lubricant, Solid Film, Heat Cured	1966
20150012945	Adhesive, Epoxy, Electrically Conductive: Specification	1966
20150012946	Adhesive, Epoxy, Structural	1966
20150012947	Apollo Mission 202: Dynamic Simulation Block I	1966
20150012955	Buckling and Initial Postbuckling Behavior of Oval Cylindrical Shells Under Axial Compression	1966
20150012956	Calculations of the Interaction of the Solar Plasma with the Magnetic Field of a Current Loop and Two Parallel Infinite Lines of Current	1966
20150012959	The Preparation and Characterization of Thermal Poly-Alpha-Amino Acids Containing Low Proportions of Aspartic Acid	1966
20150012967	Apollo/Saturn V - LC-39 Equipment Record System Management Evaluation Report	1966
20150012968	Waste Management Section External Leakage Test	1966
20150012970	Descent Stage EPS Functional Test	1966
20150013045	Weak Locally Homogeneous Turbulence and Heat Transfer with Uniform Normal Strain	1966
20150013046	Kinetics of Complex Defect Annealing in Silicon	1966
20150013047	Defect Concentration Dependence of Annealing Rate in Silicon	1966
20150013049	A Peak Generator for Gas Chromatography	1966
20150013050	Liquid Methane as Fuel for the Supersonic Transport	1966
20150013051	Stellar Collisions	1966
20150013052	The Modes of Structural Vibration of the C.S.I.R.O. 210-FT Radio Telescope	1966
20150013053	The Absorption Spectrum of 3C 191	1966
20150013054	A Direct Method for Generalized Matrix Inversion	1966
20150013055	The Interaction Between the Solar Wind and the Magnetosphere	1966
20150013056	On the Nature of Traveling Ionospheric Disturbances Launched by Low-Altitude Nuclear Explosions	1966
20150013057	On the Problem of Approximate Synthesis of Optimal Controls	1966
20150013058	Laboratory Calibration of a Micrometeoroid Impact Gauge	1966
20150013059	Cavities for Liquid Laser Materials	1966
20150013060	Cryogenic Positive Expulsion Bladders	1966
20150013061	The Surveyor 1 and the Luna IX Pictures and the Lunar Soil	1966
20150013062	Slow-Wave Parametric Pumping of the Electrostatic Wave in a Plasma	1966
20150013065	A Preliminary Study of the Photochemistry of Propyne with the 2062 A Iodine Line	1966
20150013070	Specification. Molding Compound, Epoxy, Structural High Strength, Thermosetting	1966
20150013074	Specification. Ink, Marking (for Nonporous Surfaces)	1966
20150013075	Valve, Helium, Pressure Reducing Descent Propulsion Design Control Specification for	1966
20150013084	Apollo GSE End Item Specification for Electrical Terminal Distribution Compartment-A1, Mobile Launcher Model C14-358	1966
20150013088	Test Unit Assembly, Cabin Leakage Design Control Specification for	1966
20150013092	NASA Support Manual. Fluid Distribution System Valve Box Controller	1966
20150013094	Report for Safe Pressure and Initial Leak Rate Tests of LEM-3 Cabin Structure	1966
20150013095	Apollo GSE End Item Specification for Cable Set, Acceptance Checkout Equipment Model C34-391 (-201 Configuration)	1966
20150013096	Electron Flow in Low-Density Argon Gas Including Space-Charge and Elastic Collisions	1966
20150013097	Long-Range First Order Interaction Energy Between Two Excited Hydrogen Atoms in Either 2s or 2p States	1966
20150013098	A Nanosecond Fluorimeter	1966
20150013105	Electromagnetic Scattering from Absorbing Spheres	1966
20150013106	Guidance Navigation and Control Six-Degree-of-Freedom (FMES) Dynamic Integration Tests FCI Laboratory Test Procedures	1966
20150013107	Generator Unit, Design Control Specification for	1966
20150013119	Spectral Purity for Far Infrared Grating Spectroscopy	1966
20150013120	Scalar Gravitational Fields in Pulsating Stars	1966
20150013122	Apollo GSE End Item Specification for Set - Crew Hatch Protector and Seal Model A14-133 (-401 Configuration)	1966
20150013123	Simplified Model for Coexistence of Nucleate Boiling and Convection on a Fin	1966
20150013132	The Luminosity Function for the Globular Cluster M13	1966
20150013136	Infrared Continuum from HII Regions	1966
20150013137	Surveyor Spacecraft Touchdown-Dynamics Experiment	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013138	Stress Intensity Factors for Crackline Loaded Edge Crack Specimens	1966
20150013139	Vainshtein Method Applied to Electron Impact Excitation and Ionization of Atoms	1966
20150013142	On the Interpretation of the Continuous Spectra of Comets	1966
20150013143	On the Low Altitude Trapped Electron Boundary Collapse During Magnetic Storms	1966
20150013144	A Reliable In-Vivo Measurement of Bone Mineral Content	1966
20150013146	Atom Formation Rates behind Shock Waves in Hydrogen and the Effect of Added Oxygen	1966
20150013147	Boundary Shock Waves	1966
20150013148	Methods for the Determination of Intermolecular Forces	1966
20150013151	Annealing of Stirrer Crystallized Polyethylene	1966
20150013152	Parachute Testing at Altitudes Between 30 and 90 Kilometers	1966
20150013153	Wind-Tunnel Sonic-Boom Testing Techniques	1966
20150013154	The Vapor Pressure of Natural Tektite Melts at High Temperatures and its Application to Aerodynamic Analysis	1966
20150013155	Focusing of Charged Particles with Hemispherical Grids	1966
20150013165	The Electrostatic Hellmann-Feynman Theorem Applied to the Long-Range Interaction of Two Hydrogen Atoms	1966
20150013183	Space Rescue	1966
20150013186	The Anatomical Locus of Reinforcement	1966
20150013187	Transducer. NonCorrosive Fluid Temperature, Resistive Element Instrumentation Subsystem Design Control Specification for	1966
20150013190	Trip Report - LM Landing Radar Meeting - Case 330	1966
20150013196	Special Instrumentation for Apollo Developmental Spacecraft	1966
20150013202	Valve, Helium, Latching, Solenoid Operated, Descent and Ascent Propulsion Design Control Specification for	1966
20150013203	Data Entry and Display Assembly Guidance, Navigation and Control Subsystem Design Control Specification for	1966
20150013205	Acceptance Checkout Equipment Compatibility Specification for Ground Support Equipment General Specification for	1966
20150013206	Control Box, Development Flight Instrumentation (DFI), Design Control Specification For	1966
20150013207	Cable, Electric, Twisted Multiconductor Fluorocarbon/Polyimide Insulated (Type IV) Lightweight, Abrasion-Resistant	1966
20150013208	Apollo Lunar Surface Drill (ALSD) Program Phase C	1966
20150013210	Apollo GSE End Item Specification for Tower-Substitution, Launch Complex, Assembly of Model A14-210 (-101 Configuration)	1966
20150013211	Compound, Lubricating, Fluorosilicone	1966
20150013213	Trip Report - Apollo Experiments Pallet Final Briefings bt Phase I Contractors, MSC, April 11-14, 1966 Task 18 - Case 218	1966
20150013214	A Generalized Two Burn Deboost Technique which Increases Apollo Lunar Accessibility - Case 310	1966
20150013217	Hypergolic Subsystem Constraints on Apollo/Saturn Hold Capability and Recycle Requirements - Case 330	1966
20150013219	Cyclic Flaw Growth in 2014-T62 Aluminum and 6A1-4V (ELI) Titanium	1966
20150013223	Apollo GSE End Item Specification for Service Module - Service Propulsion System Engine Position Retainer, Spacecraft/Lunar Excursion Module/Adapter Model H34-240	1966
20150013224	Signal Conditioning Electronics Assembly Instrumentation Subsystem Design Control Specification for	1966
20150013226	Specification. Adhesive, High Temperature, Metal to Metal	1966
20150013227	Bacteria Filter, Oxygen Environmental Control Subsystem Design Control Specification for	1966
20150013228	Filter, Helium, in Line, Non By-Pass Ascent Propulsion Design Control Specification	1966
20150013229	Adapter Set, Propulsion Design Control Specification for	1966
20150013230	Apollo Lunar Surface Drill (ALSD) Program	1966
20150013231	Fastener Tape, Hook and Pile, Nylon	1966
20150013232	Developmental Flight Instrumentation Power Verification	1966
20150013233	VHF/DFI Insertion Loss and Voltage Standing Wave Ratio Test	1966
20150013235	Orbital Rate Drive Electronics Display Subsystem, Design Control Specification	1966
20150013236	Disconnect, Fluid, Interstage Environmental Control Subsystem Design Control Specification for	1966
20150013237	Measuring Device, Propellant Quantity Instrumentation Subsystem Design Control Specification for	1966
20150013238	Trip Report - The Fifth Instrument Unit Quarterly Review Case 330	1966
20150013239	Trip Report - Unified S-Band Systems Review (AS-204 and AS-205) at MSC, July 19 and 29, 1966 Case 320	1966
20150013240	Trip Report - Bimonthly LM Ascent Propulsion Meeting, Bethpage, September 29, 30, and Ascent Engine Review, Buffalo, September 27 - Case 330	1966
20150013241	Trip Report - Attendance at ALOC Meeting, KSC, May 3, 1966 - Case 330	1966
20150013242	End Item Specification Part I - Performance/Design Requirements SLA 7	1966
20150013243	S-Band Section Insertion Loss and Voltage Standing Wave Ratio Test	1966
20150013244	Stand Assembly, Components Test, Gaseous Oxygen Design Control Specification for	1966
20150013245	Test Station, Memory Buffer Unit, Design Control Specification for	1966
20150013246	Apollo/Saturn IB Consolidated Instrumentation Plan for AS-203	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013247	Trip Report - Saturn IB Launch Interlocks, Ignition to Liftoff, May 5, 1966 - Case 330	1966
20150013248	ACE-S/C Monthly Progress Report	1966
20150013250	Lunar Orbiter Mission B and Surveyor Mission C Targets - Case 340	1966
20150013251	Probe Targeting and Probe Guidance Near Mars - Case 103-2	1966
20150013252	Preliminary Performance Comparison of Nuclear and Chemical Rockets for Manned Mars Missions - Case 103-2	1966
20150013253	Waste Management Section External Leakage Test	1966
20150013255	Water-Glycol Trim Control Unit	1966
20150013256	Spacecraft 012 Pre-CARR Meeting at MSC, July 29 - Case 330	1966
20150013257	Trailer, Checkout Test Station, Radar Design Control Specification	1966
20150013258	LTA-10R Contract End-Item Detail Specification Performance and Design Requirements: Part I	1966
20150013259	Wire, Electric, Fluorocarbon/Polyimide Insulated (Type IV) Silver-Coated Copper Conductor (Class 1) Lightweight, Heavy Wall, Abrasion-Resistant	1966
20150013260	LTA-2R Contract End-Item Detail Specification Performance and Design Requirements Part I	1966
20150013261	Valve, Helium, Pressure Reducing Ascent Propulsion Design Control Specification for	1966
20150013262	Wire and Ribbon, Weldable, Electronic Parts and Subassemblies, Requirements for	1966
20150013263	Two-Phonon Absorption in Ultrasonic Paramagnetic Resonance of Uranium - Doped Calcium Fluoride	1966
20150013264	Unified S-band Tracking and Communications Coverage of the Manned Space Flight Network During Eighteen Earth Revolutions at 105 NM Altitude for Launch Azimuths at 72, 80, 90, 100, and 108 Degrees - Case 320	1966
20150013265	Spacecraft Working Group Meeting at MSC on October 3, 1966 Case 330	1966
20150013266	Heat Exchanger, Fuel/Helium Descent Propulsion Design Control Specification	1966
20150013267	Junction Box, Relay Electrical Power Subsystem Design Control Specification	1966
20150013268	Bellows Assembly, Articulated Ascent and Descent Propulsion, Design Control Specification	1966
20150013269	LTA-10R Contract End-Item Detail Specification Product Configuration and Acceptance Test Requirements Part II	1966
20150013270	Apollo GSE End Item Specification for Power Supply - 250 AMP, Redundant Model C14-624	1966
20150013271	Tank, Helium Storage, Descent Propulsion Design Control Specification for	1966
20150013272	Trip Report - LC-39 Site Activation Board Meeting - Case 330	1966
20150013273	ACE-SC Software Status Review Number 12 MSC, Houston, Texas, May 4, 1966 - Case 330	1966
20150013275	Specification. Coating Compound, Polyurethane, Aluminum Pigmented, Temperature Control	1966
20150013276	CSM Ground System Use Site Specification KSC Industrial Complex Block II	1966
20150013278	Apollo Experiments Pallet Program	1966
20150013279	Program Review Material Experiment Integration Working Group	1966
20150013280	Program Review Material Experiment Integration Working Group	1966
20150013281	1st Apollo experiment Pallet Monthly Progress Report (Volume I)	1966
20150013282	Acceptance Checkout Equipment- Spacecraft	1966
20150013283	Alignment Gage, Landing Radar Antenna Design Control Specification	1966
20150013284	Apollo GSE End Item Specification for the Degasser, Water Glycol Model A14-236	1966
20150013285	Apollo Support Program ACE-S/C Financial Management Report	1966
20150013286	Control Assemblies, Stabilization and Control Displays Subsystem Design Control Specification	1966
20150013287	Hazard Proofing Requirements, for Ground Support Equipment, General Specification	1966
20150013288	Wire, Electric, Fluorocarbon/Polyimide Insulated (Type IV) Silver-Coated Copper Alloy Conductor (Class 3) Lightweight, Abrasion-Resistant	1966
20150013289	Cable, Electric, Twisted Multiconductor Fluorocarbon/Polyimide Insulated (Type IV) Shielded and Jacketed, Lightweight, Abrasion-Resistant	1966
20150013290	II. System Description	1966
20150013291	Apollo Experiments Pallet Program	1966
20150013292	Apollo Experiments Pallet Phase I - Program Definition	1966
20150013293	CSM/GSE Interface Control Documentation Status Report	1966
20150013294	Specification. Aluminum Alloy Tube; Seamless, Drawn, 7075	1966
20150013295	CSM Ground System Use Site Specification KSC Launch Complex 37B Block II	1966
20150013296	Analytical Balancing Procedure (ABP) Descent Stage Substitute Propellant Cold Flow Test	1966
20150013297	CSM Ground System use Site Specification Downey Complex Block II	1966
20150013298	CSM Ground System Use Site Specification KSC Launch Complex 39 Block II	1966
20150013299	CSM Ground System Use Site Specification KSC Launch Complex 34 Block II	1966
20150013301	Apollo GSE End Item Specification for Assembly - Docking Probe Checkout Unit Model C34-396 (-101 Configuration)	1966
20150013305	Apollo GSE End Item Specification for Cable Set, Acceptance Checkout Equipment Model C34-391 (-301 Configuration)	1966
20150013306	Sections 1, 2, 3, and 4 Environmental Control Subsystem Design Control Specification	1966
20150013307	Sling, Ground Support Equipment, General Specification for	1966
20150013308	Apollo GSE End Item Specification for Scupper Set - Spacecraft Servicing Model S34-141	1966
20150013309	Apollo GSE End Item Specification for Cable Set - Electrical, Launch Complex 37B Model C34-323	1966
20150013310	Test Station, Universal Counter and Register, Design Control Specification for	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013311	ACE-S/C Ground Station Training Plan	1966
20150013312	CSM Ground System use Site Specification MSC Houston Complex Block II	1966
20150013313	Project Apollo - S - Band Functional Verification	1966
20150013314	CSM Ground System Specification Block II	1966
20150013315	Fuses, Instrument and Power General Specification for	1966
20150013316	Cord, Braided, Polyester	1966
20150013317	Project Apollo A/S - Internal Component Leak Test	1966
20150013318	Polyester Film, Aluminized	1966
20150013319	Coating Compound, Polyurethane Aluminum Pigmented, Temperature Control	1966
20150013320	NASA Project Gemini Familiarization Manual: Rendezvous and Docking Configurations	1966
20150013328	A Parametric Study of Fluid Controlled Solid Rocket Motors	1966
20150013330	OGO-B Atlas/Agema B Vehicle Flight Termination System Report	1966
20150013338	Apollo Experiments Pallet Program Monthly Progress Report - February 1966	1966
20150013339	Descent Engine Checkout Cart Design Control Specification for	1966
20150013340	System, Thermal Control, Design Control Specification	1966
20150013341	Electrical Control Assembly, Descent Stage Electrical Power Subsystem Design Control Specification	1966
20150013354	Project Apollo FEAT/EMC Mission Oriented (Plugs in)	1966
20150013357	Hat Coupler, Landing Radar, Design Control Specification for	1966
20150013358	Trip Report - Operations Support Requirements Sub-Panel Meeting Case 320	1966
20150013360	LEM 13th Flight Vehicle Status Review, June 15 Case 330	1966
20150013361	Test Project Engineering Report Environmental Control Subsystem, A/S Proof, Pressure and Leakage	1966
20150013362	Apollo Experiments Pallet Phase I - Program Definition	1966
20150013363	Molding Compound, Polyamide, Glass Fiber Filled	1966
20150013364	Propellant Quantity Gaging Section Descent Propulsion Design Control Specification	1966
20150013365	LEM Ground System Specification	1966
20150013367	Project Apollo VHF/DFI Insertion Loss and Voltage Standing Wave Ratio Test	1966
20150013368	Cartridge, Energy Absorption, Crushable Materials Measurement Requirements	1966
20150013369	Project Apollo Ascent Stage - Environmental Control Subsystem, Proof Pressure and Leakage	1966
20150013370	Project Apollo Functional Verification of Developmental Flight Instrumentation C-Band Transponders	1966
20150013371	Waste Management Section Crew Provisions Subsystem Design Control Specification for	1966
20150013372	Task Assembly, Supercritical Helium Storage and Supply, Descent Propulsion Design Control Specification	1966
20150013373	Probe, Sensing, Lunar-Surface Mechanical and Explosive Subsystem Design Control Specification	1966
20150013374	Indicator, Range Displays Subsystem Design Control Specification for	1966
20150013375	Wire, Electric, Fluorocarbon/Polyimide Insulated (Type IV) Silver-Coated Copper Conductor (Class 1) Lightweight, Abrasion-Resistant	1966
20150013376	Adapter Set, Descent Stage Soft Mount Design Control Specification for	1966
20150013377	Receiver and Baseplate Unit, Carry on (DTCS) Design Control Specification	1966
20150013378	Cable Set, ETR-Hypergolic Number 2 Test Facility, Design Control Specification	1966
20150013379	Support, Disconnect Coupling Design Control Specification	1966
20150013380	Access Stand, AFT Equipment Bay Design Control Specification for	1966
20150013381	Floor Cover, Protective, Ascent Stage Design Control Specification for	1966
20150013382	DC Converter, ACE S/C Controlled, Design Control Specification	1966
20150013383	Dual Baseplate Enclosure Unit, Carry on (DTCS) Design Control Specification	1966
20150013384	Project Apollo - Mated LTA-1 ECS Helium Leak Check and Water Glycol Fill	1966
20150013385	Checkout Test Station, Digital Command Assembly, Design Control Specification for	1966
20150013386	Acceptance Test Specification Cold Plate Fin Assembly X-Ray Test Lunar Excursion Module	1966
20150013387	Apollo Experiments Pallet Phase I - Program Definition	1966
20150013388	The Lunar Landing Training Vehicle - Effect of Local Meteorological Conditions: Houston - Case 320	1966
20150013390	Transmittal of Approved Revision 1 to the End Item Test Plan Appendix J, MILA-4	1966
20150013392	Review of Apollo Digital Autopilot Verification Work - Case 310	1966
20150013394	Servicing Kit, LEM/SLA Design Control Specification	1966
20150013395	Evaluation of Circuit Margins in Block II Apollo Guidance Computer - Case 330	1966
20150013396	Test Stand, Helium Component, High Pressure, Design Control Specification	1966
20150013397	Sealing Compound, Silicone Temperature-Resistant	1966
20150013398	Indicator, Attitude Displays Subsystem Design Control Specification	1966
20150013399	Apollo GSE End Item Specification for Power Distributor Rack Model C14-626	1966
20150013400	Data Processor, Radar Design Control Specification	1966
20150013401	Tubing, Steel, Corrosion Resistant (304L) Spacecraft Fluid System	1966
20150013402	CSM End Item Specification Part I - Performance/Design Requirements Spacecraft 007A for Apollo CSM System	1966
20150013403	Simulator, Ascent Stage, Design Control Specification	1966
20150013404	Film, Transparent, Heat Sealable Requirements for	1966
20150013405	Filter, Propellant, Inline Reaction Control Subsystem Design Control Specification	1966
20150013406	Apollo GSE End Item Specification for Umbilical Disconnect Set - Spacecraft Fluid and Electrical Model A34-243	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013407	Apollo GSE Modification Kit Specification for Adapter, Data Acquisition Model C14-463	1966
20150013408	Aluminum Alloy Bar and Rod; Rolled, Drawn, or Cold Finished, 2219	1966
20150013409	LMP LEM Mission Programmer Contract End Item Detail Specification Performance and Design Requirements: Part I	1966
20150013411	Adhesive, Polyurethane, Flexible	1966
20150013412	Aluminum Alloy Tube; Seamless, Drawn, 2219	1966
20150013413	Adapter, LEM Polarity Checker Design Control Specification for	1966
20150013415	Cover, Protective, S-Band Steerable, Antenna Design Control Specification	1966
20150013416	Transducer, Discrete Switch and Switch Assembly Instrumentation Subsystem Design Control Specification	1966
20150013417	Transducer, Absolute Pressure Switch Reaction Control Subsystem Design Control Specification	1966
20150013418	Apollo GSE End Item Specification for Test Set, General Electro-Mechanical Pre-Installation Acceptance Model C14-343	1966
20150013419	Handling Fixture, Display and Control Panels Assembly V and VI Design Control Specification for	1966
20150013420	Hoist Rig, Mobile, Battery Handling Design Control Specification for	1966
20150013421	Transducer, Temperature, Resistive Element Instrumentation Subsystem Design Control Specification for	1966
20150013422	Valve, Propellant, Latching, Solenoid-Operated Reaction Control Subsystem Design Control Specification	1966
20150013423	Grease, Non-Hypergolic	1966
20150013424	GSE Heat Shield Design Control Specification	1966
20150013425	Valve, Helium, Latching, Solenoid Operated, Descent and Ascent Propulsion Design Control Specification	1966
20150013426	Electrical Control Assembly, Descent Stage Electrical Power Subsystem Design Control Specification for	1966
20150013427	Cleanliness Level Requirements Propulsion Subsystems (Ascent and Descent Stages)	1966
20150013428	Clock, Mission, Digital Displays Subsystem Design Control Specification for	1966
20150013429	Film, Photomechanical, Selected Ortho-S-Litho	1966
20150013430	Storage and Transfer Unit, Liquid Nitrogen, Design Control Specification for	1966
20150013431	Apollo GSE End Item Specification for Cable Set, Acceptance Checkout Equipment Model C34-391 (-101 Configuration)	1966
20150013432	Apollo GSE Modification Kit Specification for Cleaner, Vacuum, Mobile Model A14-035	1966
20150013433	Apollo GSE End Item Specification for Cable Set - Mobile Launcher Number 2, Launch Complex 39 Model C14-375	1966
20150013434	Apollo GSE Modification Kit Specification for Adapter, Data Acquisition Model C14-463	1966
20150013435	Rack, Equipment, Design Control Specification	1966
20150013436	Pulse Code Modulation and Timing Electronics Assembly, Development Test Station for, Design Control Sprcification for	1966
20150013437	Coupling, Fuel, Manual Disconnect, Fill-Drain Descent Propulsion Design Control Specification	1966
20150013438	Service Equipment, Digital Test Command System, Design Control Specification	1966
20150013439	Hose Kit, Propulsion Systems Checkout Design Control Specification	1966
20150013440	Coupling, Fuel, Manual Disconnect, Fill-Drain Ascent Propulsion Design Control Specification	1966
20150013441	Communications Subsystem Design Control Specification	1966
20150013443	ACE-S/C Monthly Progress Report - 15 May 1966 to 15 June 1966	1966
20150013444	Distribution Network, Gaseous Nitrogen, Descent Stage Design Control Specification	1966
20150013445	Simulator, LEM Mission Design Control Specification	1966
20150013446	Simulator, Descent Stage, Design Control Specification	1966
20150013447	Apollo GSE End Item Specification for Console Assembly, Backup Battery and Control Model C14-621	1966
20150013448	Coupling, Helium, Fill and Test Point, Disconnect Descent and Ascent Propulsion Design Control Specification	1966
20150013449	Cold Plate Assemblies Environmental Control Subsystem Design Control Specification	1966
20150013450	Gaseous Nitrogen Distribution Network, Ascent Stage Design Control Specification	1966
20150013451	Timer, Event, Digital Displays Subsystem Design Control Specification	1966
20150013452	Control Assembly, Attitude and Translation Guidance Navigation and Control Subsystem Design Control Specification	1966
20150013453	Apollo GSE End Item Specification for Assembly - Docking Probe Checkout Unit Model C34-396	1966
20150013454	Plug Assembly, Descent Engine Design Control Specification For	1966
20150013459	Apollo/Saturn KSC Processing of Change Requests	1966
20150013460	Relays, Hermetically Sealed, Electromechanical Electrical Power Subsystem Design Control Specification	1966
20150013461	Project Apollo GSE End Item Specification for LEM Auxiliary Access Platform Set - Internal (Model H14-213-101)	1966
20150013462	Meeting of the Test Integration Working Group	1966
20150013464	Apollo/Saturn Consolidated Instrumentation Plan for AS-202	1966
20150013465	Apollo GSE End Item Specification for Console - Mobile Service Structure Level 4A Model C14-368	1966
20150013466	Transformer, Power 400 Cycle, Isolation, Design Control Specification	1966
20150013467	Thermocouple Junctions - Methods of Forming	1966
20150013468	Thermocouples, Installations of: For Ground Test Programs	1966
20150013469	Measuring Device, Water Quantity, Instrumentation Subsystem, Design Control Specification	1966
20150013470	Specification Change Notice(s) - SCN(s) and Specification Change Log(s)	1966
20150013471	Checkout Tool, SHe Conditioning Unit, Design Control Specification	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013472	Transformation Assembly Gimbal Angle Sequence, Design Control Specification	1966
20150013473	Transducer, Pressure, Absolute Instrumentation Subsystem Design Control Specification	1966
20150013474	Site Activation Situation Report Launch Complex 39	1966
20150013476	Man-Machine Interface Problems on Planetary Flybys - Case 103-2	1966
20150013477	Test Report: Sigma Instruments, Inc. Photorelay Part Number 8PL277 NASA Drawing Numbers B75M13579 and B75M13580	1966
20150013481	Apollo/Saturn V LC-39 Equipment Record System Management Evaluation Report	1966
20150013489	Y-Ring Defect Evaluation	1966
20150013492	Other Equipment End Item Specification Part I Only Performance/Design Requirements Spacecraft 2S-2 for Apollo CSM System	1966
20150013541	Heteroaromatic Polymers Via Salt Intermediates	1966
20150013544	Report on Additional Evaluation of Personnel Dosimetry System for Apollo	1966
20150013546	Development Flight Instrumentation Telemetry System Test (O and C)	1966
20150013547	Descent Stage Ballast Loading and Ballast System Leak Check - LTA-10R	1966
20150013548	Secant Hypersphere Approximation of "Gradient Methods" for N-Dimensional Function Optimization	1966
20150013550	The S-4, S-11, and S-20 Magnitudes of a Star Simulator for the OAO	1966
20150013556	LEM Landing Radar Test Requirements Analysis	1966
20150013557	Delta Critical Design Review for CSMs 2TV-1, 101 and 102 at NAA, May 24-25 - Case 330	1966
20150013558	Design of a Telescope for a Mars Flyby Mission - Case 103-2	1966
20150013560	Some Observations on the LEM Mock-Up Countdown Demonstration - Case 330	1966
20150013562	Apollo/Saturn V Launch Plan AS-501	1966
20150013563	Apollo/Saturn Training Plan	1966
20150013567	Trip Report - GSFC-MSFC Joint Working Group on Space Radiation	1966
20150013570	Trip Report - Apollo Block II Pressure Garment Assembly Critical Design Review - Case 330	1966
20150013571	Stay-Time Considerations for Early Lunar Landing Missions - Case 310	1966
20150013572	Review of Proposed Experiment MSFC-15, Precision Optical Tracking - Case 340	1966
20150013573	Meeting of the Test Integration Working Group at KSC	1966
20150013574	Statistical Estimation in Inertial Navigation Systems	1966
20150013607	Effective Absorption Coefficients for Radiant Energy Transport in Nongrey, Nonscattering Gases	1966
20150013610	Thresholds for the Perception of Angular Acceleration in Man	1966
20150013617	Linearity of a Ge(Li) in the Range 0.5 to 10 MeV	1966
20150013624	Catalog of System Tests Saturn V, SA-500F	1966
20150013634	Metallurgical Analysis of Eye Failure, Propellant Dispersion System, 60B02741	1966
20150013636	Apollo/Saturn V LC-39 Equipment Record System Management Evaluation Report	1966
20150013641	Apollo/Saturn KSC Equipment Record System Volume 1: System Description	1966
20150013643	SA-203 Launch Vehicle Measuring Systems and Associated Checkout GSE Description	1966
20150013647	Transparency Materials, LM Procedures for Cleaning	1966
20150013648	Apollo GSE Modification Kit Specification for LH2 Transfer Unit Model S14-026 (-0001 Configuration)	1966
20150013649	Acceptance Test Specification Cold Plate Fin Assembly X-Ray Test Lunar Module	1966
20150013650	Apollo Applications Program Field Test 4	1966
20150013652	Workstand, Ground Support Equipment, General Specification	1966
20150013653	Trip Report - Visit to MSFC to Discuss AAP Experiments Data Flow Plan - Case 103-3	1966
20150013654	Apollo GSE Modification Kit Specification for Generator - Pressure Stimuli, Earth Landing System Sequence Controller Model C14-451	1966
20150013655	Apollo GSE End Item Specification for Console Group - Mobile Service Structure, Oxidizer Control Area Model C14-372	1966
20150013659	Apollo GSE End Item Specification for Console Group, Automatic Ground Control Room, Launch Complex 37B Model C34-332	1966
20150013662	Plastic Foam, 2.5 Pound Density Polyurethane, Nonstructural, Rigid	1966
20150013667	Tank, Helium, Storage Ascent Propulsion Design Control Specification	1966
20150013668	Apollo GSE Modification Kit Specification for Stimuli Unit, Initiator Model C14-480	1966
20150013669	Apollo GSE Modification Kit Specification for LO2 Transfer Unit Model S14-032 (-0001 Configuration)	1966
20150013670	Apollo GSE Modification Kit Specification for Adapter, Data Acquisition Model C14-463	1966
20150013672	Apollo GSE End Item Specification for Console Group - Mobile Service Structure Acceptance C/O Equipment Room Model C14-370. Revision 1	1966
20150013673	Apollo GSE End Item Specification for Reaction Control System Engine Solenoid Simulator Set Model A14-275	1966
20150013674	Apollo GSE Modification Kit Specification for Generator - Pressure Stimuli, Earth Landing System Sequence Controller Model C14-451	1966
20150013675	GSE End Item Specification for Inverter Substitute Unit Equipment Model Number A14-087	1966
20150013676	LTA-10R Actual Weight Report	1966
20150013677	LM Monthly Mass Property Status Report	1966
20150013678	Apollo GSE End Item Specification for Response System Loose Equipment Model C14-217	1966
20150013679	Specification. Rubber, Silicone, High-Temperature-Resistant	1966
20150013680	Polyimide Film, Aluminized	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013681	Coupling, Helium, Fill and Test Point, Disconnect Descent and Ascent Propulsion Design Control Specification	1966
20150013682	Thrust/Translation Controller Assembly Guidance Navigation and Control Subsystem Design Control Specification	1966
20150013683	Coupling, Oxidizer, Manual Disconnect, Fill-Drain, Descent Propulsion, Design Control Specification	1966
20150013684	Valve, Helium, Pressure Reducing Descent Propulsion Design Control Specification	1966
20150013685	Intercom, Operator's Design Control Specification	1966
20150013686	Intercom, Test Conductor, Design Control Specification for	1966
20150013687	Signal Conditioning Electronics Assembly Test assembly for Design Control Specification. Amendment No. 1	1966
20150013688	Molding Compound, Polycarbonate, Glass Fiber Filled	1966
20150013689	Digital Command Assembly, and Dual Feed Coupler Communications Subsystem Design Control Specification	1966
20150013690	Television System Test Unit, Design Control Specification	1966
20150013691	Coupling, Oxidizer, Manual Disconnect, Fill Drain Ascent Propulsion Design Control Specification	1966
20150013692	Bacteria Filter, Oxygen Environmental Control Subsystem Design Control Specification For	1966
20150013693	Control Unit, ECS Design Control Specification For	1966
20150013694	Components Test Stand Assembly, Water-Glycol Design Control Specification	1966
20150013695	Apollo GSE End Item Specification for Ring Assembly - Upper End, S-IVB (LEM) Adapter Model H14-164 (-101 Configuration)	1966
20150013696	Apollo GSE End Item Specification for Console Assembly - Propulsion System Fluid Checkout Unit Model C14-075 (-301 Configuration)	1966
20150013697	Cover, Protective, Ascent Stage Design Control Specification for	1966
20150013698	Apollo GSE End Item Specification for Base Assembly - Upper Section, S-IVB (LEM) Adapter	1966
20150013699	Fittings Steel Tube Braze General Specification	1966
20150013700	Apollo GSE End Item Specification for Adapter Set - Reaction Control System Model A14-146 (-301 Configuration)	1966
20150013701	Apollo GSE End Item Specification for Umbilical Disconnect Set - Spacecraft Fluid and Electrical Model A34-243 (-101 Configuration)	1966
20150013702	Cover, Protective, Descent Stage, Design Control Specification	1966
20150013703	Apollo GSE End Item Specification for Fluid Distribution System Launch Complex 37B Model S24-127	1966
20150013704	Apollo GSE End Item Specification for Command System Loose Equipment Model C14-216	1966
20150013706	Apollo GSE End Item Specification for Terminal Distributor - Standard Electrical Model C34-561	1966
20150013707	Apollo GSE End Item Specification for Sling Assembly - Handling and Installation, RCS Model H14-098 (-201 Configuration)	1966
20150013708	Sensor Unit, Injector Flow, LM-RCS, Design Control Specification	1966
20150013709	Specification. Fiberglass Cloth, Pre-impregnated, Silicone Resin	1966
20150013710	Adhesive, Epoxy, Nonstructural	1966
20150013711	GSE Cabling, MSC-SESL Facility, Design Control Specification	1966
20150013712	Gas Separator Environmental Control Subsystem Design Control Specification	1966
20150013895	Gemini Program Mission Report Gemini IX-A Supplemental Report 6 - Atlas SLV-3 Space Launch Vehicle Flight Evaluation Report	1966
20150014134	Temperature of the Solar Corona as Measured During the May 30, 1965 Total Eclipse	1966
20150014142	Sample Processing of Planetary Samples for Life Detection	1966
20150014151	The Effect of Various Optical Radiations and Water Vapor on the Trapping Spectrum of CdS	1966
20150014160	ACES/C Monthly Progress Report 15 March - 15 April 1966	1966
20150014164	Data Conditioning and Display for Apollo Prelaunch Checkout	1966
20150014165	ACE-S/C Monthly Progress Report	1966
20150014166	End Item Test Plan for ACE-S/C MILA Peripheral Equipment in Launch Control Center 39-2	1966
20150014180	Extraterrestrial Life Detection Based Upon Oxygen Isotope Exchange Reactions	1966
20150014181	Filter, Helium Reaction Control Subsystem Design Control Specification	1966
20150014182	Kit, Installation, S-Band Steerable Antenna Design Control Specification	1966
20150014183	Specification Change Notice(s) - SCN(s) and Specification Change Log(s)	1966
20150014184	Lem Scientific Equipment GFE Performance and Interface Specification	1966
20150014185	Bacteria Filter, Water Environmental Control Subsystem Design Control Specification	1966
20150014186	Bench Test Console, Rendezvous Radar Design Control Specification	1966
20150014187	Checkout Test Unit, Supercritical Helium, Design Control Specification	1966
20150014189	Assembly, Signal Isolation, Design Control Specification	1966
20150014190	Adapter, Checkout, Microwave, RR and LR Design Control Specification	1966
20150014191	GSE Environmental/Qualification Tests, General Specification	1966
20150014192	Suspension Damper Adapter Set, Descent Stage Soft Mount Design Control Specification	1966
20150014193	Apollo GSE Modification Kit Specification for Storage Unit, Ready, Fuel Model S14-058	1966
20150014194	Apollo GSE Modification Kit Specification for Bench Maintenance Equipment, Hydrogen Cryogenic Storage Subsystem Model C14-183	1966
20150014195	Apollo GSE Modification Kit Specification for Detector, Leak Halogen Model S14-084	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150014196	Apollo GSE Modification Kit Specification for Bench Maintenance Equipment, Oxygen Cryogenic Storage Subsystem Model C14-413	1966
20150014197	Apollo GSE Modification Kit Specification for Meter, Moisture Model S14-069	1966
20150014198	Apollo GSE Modification Kit Specification for Generator, Pressure Stimuli, Earth Landing System Sequence Controller Model C14-451	1966
20150014199	Apollo GSE Modification Kit Specification for Service Set, Water - Glycol Model S14-019	1966
20150014200	CSM Measurement Requirements Specification for Block II Spacecraft Apollo CSM System	1966
20150014201	Other Equipment End Item Specification Part I Only - Performance/Design Requirements Spacecraft 2S-1 Apollo CSM System	1966
20150014202	LEM Landing Radar Antenna Assembly Test Plan and Procedures	1966
20150014203	Compound, Sealing, Epoxy Based	1966
20150014204	Apollo GSE End Item Specification for Console - Mobile Service Structure, Level 3A Model C14-369	1966
20150014205	Apollo GSE End Item Specification for Case Assembly - Interface Simulator, Lunar Excursion Module Model A34-219	1966
20150014206	Apollo GSE End Item Specification for Support Cart Assembly, ACE-S/C Model C14-209	1966
20150014207	Apollo GSE End Item Specification for Console Group - Service Tower, Service Module, Fuel Model C34-329	1966
20150014208	Apollo GSE End Item Specification for Fluid Distribution System Control Unit Model C14-630	1966
20150014209	Apollo GSE End Item Specification for Panel Assembly, Test Disconnect Set Model C34-430	1966
20150014210	Apollo GSE End Item Specification for Bench Maintenance Equipment, Entry Monitor System Model C34-388	1966
20150014211	Apollo GSE End Item Specification for Console, Helium Area Model C34-327	1966
20150014212	Apollo GSE End Item Specification for Distributor - Electrical Power Model C14-620	1966
20150014213	Apollo GSE End Item Specification for Cap and Plug Set, Apollo Spacecraft Model A14-026 (-401 Configuration)	1966
20150014214	Apollo GSE End Item Specification for Console, Environmental Control Area Model C34-326	1966
20150014215	GSE End Item Specification for Tool Set - Canard Thruster, Launch Escape System Model A14-183	1966
20150014216	Apollo GSE End Item Specification for Console - Signal Conditioning Unit, External, Service Module Model C14-484 (-201 Configuration)	1966
20150014217	Apollo GSE End Item Specification for Console Group - Service Tower, Service Module Oxidizer Model C34-328	1966
20150014218	Project Apollo GSE End Item Specification for LEM Auxiliary Access Platform Set - Internal (Model H14-213-101)	1966
20150014219	Project Apollo GSE End Item Specification for Cap and Plug Set, Apollo Spacecraft Model Number A14-026	1966
20150014220	Apollo GSE End Item Specification for Set - Brazing Heads and Cable Model A14-271	1966
20150014221	Apollo GSE End Item Specification for Battery Rack Assembly Model C14-395	1966
20150014222	Apollo GSE End Item Specification for Set-Crew Hatch Protector and Seal Model A14-133	1966
20150014223	Apollo GSE End Item Specification for Console Group - Umbilical Tower, Launch Complex 37B Model C34-331	1966
20150014224	Apollo GSE End Item Specification for Mobile Power Supply, 100 Amperes Model C14-619	1966
20150014225	Project Apollo GSE End Item Specification for the Block II S/M Horizontal Weight and Balance Set Model H34-237	1966
20150014226	Monitor and Alarm Panel, Inertial Measuring Unit/Abort Sensor Assembly, Design Control Specification	1966
20150014227	Supercritical Helium Conditioning Unit Assembly, Design Control Specification For	1966
20150014228	Container, Shipping, Landing Gear Design Control Specification	1966
20150014230	Projector, Test Pattern, Television Camera, Lunar, Design Control Specification	1966
20150014264	Set-Drip Removal Assembly, Oxidizer Design Control Specification	1966
20150014265	Set, Drip Removal Assembly, Fuel Design Control Specification	1966
20150014266	Display and Control Panel Assembly X, XI, XIV and XVI Design Control Specification	1966
20150014267	Handling Fixture, Display and Control Panel Assembly VII and XII, Design Control Specification	1966
20150014268	Product Configuration and Acceptance Test Requirements SLA-4 Spacecraft LEM Adapter for CSM 011	1966
20150014269	Project Apollo End Item Specification for the SC Sling - CSM, SLA, LEM Model H14-212	1966
20150014270	Apollo GSE End Item Specification for Relay and Patch Distributor Model C14-628	1966
20150014271	Apollo GSE End Item Specification for Cable Set - Electrical, Inhouse Spacecraft No. 1 Model C14-178	1966
20150014272	Apollo GSE End Item Specification for Rack - Digital Test Command System Model C14-207	1966
20150014273	Apollo GSE Modification Kit Specification for Bench Maintenance Equipment, Service Propulsion System, Propellant Gaging System	1966
20150014274	Apollo GSE End Item Specification for Command/Service Module Umbilical Electrical Separation Simulator Model C34-397	1966
20150014275	Apollo GSE End Item Specification for Power Distributor Rack Model C14-626 (-101 Configuration)	1966
20150014277	Apollo GSE End Item Specification for Cover Set, Protective, Radiator Model A34-222	1966
20150014279	Apollo GSE End Item Specification for Cable Set - Pad A. Launch Complex 39 Model C14-341	1966
20150014281	Manifold, Water Servicing Design Control Specification	1966
20150014282	Bacteria Filter, Water Environmental Control Subsystem Design Control Specification	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150014283	Compound, Potting, Water-White Epoxy Based	1966
20150014284	Wire, Electric, Insulated, Copper, Copper Alloy, and Aluminum General Specification	1966
20150014285	Current Limiter, Electrical Power Subsystem Bus Design Control Specification For	1966
20150014286	LEM 1, 2, 3 Measurements List LED - 360 - 22, Errata	1966
20150014287	Rate Gyro Assembly Guidance, Navigation and Control Subsystem Design Control Specification	1966
20150014288	Data Adapter, Radar Design Control Specification	1966
20150014289	Test Station, Data Storage, Electronics Assembly, Design Control Specification	1966
20150014424	Saturn V SA-503 Launch Vehicle Guidance and Navigation Error Analysis	1966
20150015145	Flight Test - XB-70A Air Vehicles	1966
20150015545	Gemini Operations Handbook - Gemini XI	1966
20150015546	HF Communications Tests Between Spacecraft and Ground During Gemini VII Mission	1966
20150015556	Network Performance Analysis for the Gemini GTA-10 Mission	1966
20150015560	Recovery Requirements Gemini XI	1966
20150015587	Final Gemini X Flight Plan	1966
20150015649	Gemini Program Mission Report Gemini IX-A: GT-9 Post Flight Analysis Report	1966
20150015700	Delta AE-B DTO Trajectory (Revision Number 1)	1966
20150015835	LH2 Vent and Relief Valve, Qualification Test, DAC SCN 1A48257-1	1966
20150017552	Fire Prevention in Manned Spacecraft and Test Chamber Oxygen Atmospheres	1966
20150018498	The Development of Structural Adhesive Systems Suitable for Use with Liquid Oxygen	1966
20150018986	ASSET AEV-1 Flight Test Report	1966
20150018993	Surveyor Launch	1966
20150019701	First Results in NASA Topside Sounder Satellite Program	1966
20150021220	The Cleveland Aircraft Fire Tests	1966
20150021539	Custom Components Switches, Incorporated Pressure Switch P/N 606G-R1-20S	1966
20150021540	Project Apollo: Descent Stage OPCS Proof Pressure, External Leakage and Flow Checks	1966
20160000760	Study for Evaluation of the Plug Multichamber Configuration, Phase II	1966
20160000857	Apollo Experiments Pallet	1966
20160000861	S-Band Steerable Antenna Functional Verification	1966
20160000894	Apollo GSE Modification Kit Specification for Cleaner, Vacuum, Mobile Model A14-035	1966
20160000895	Rack, Signal Patching and Switching Design Control Specification	1966
20160001087	Minutes. Interagency Committee on Back Contamination	1966
20160001089	Interagency Committee on Back-Contamination: Preliminary Report	1966
20160001097	Surgical Experiences with Laminar Flow	1966
20160001938	[High Resolution Cinematography]	1966
20160001939	[Colloquium Program Semi-Annual Progress Reports, Dec. 1, 1965 through May 31, 1966]	1966
20160002211	Operation Moon-Blink and Report of Observations of Lunar Transient Phenomena	1966
20160002260	Optical Resolution and Absolute Configuration of Trans-Beta-Phenylglycidic Acid	1966
20160002263	Study for the Development of Techniques and Instrumentation for Detection of Hydrogen Gas	1966
20160002267	Shadow Effects for a Satellite of Arbitrary Shape and Attitude	1966
20160002269	Development of Improved Semi-Organic Structural Adhesives for Elevated Temperature Applications	1966
20160002274	Some Characteristics of the Bias in PCM Data Which Results from Randomly Distributed Bit Errors	1966
20160002285	A Simple Device for the Sampling of Nervous Tissue After Perfusion-Fixation	1966
20160002298	Comparison of the RB-SR Age of the Bosumtwi Crater Area, Ghana, with the Age of the Ivory Coast Tektites	1966
20160002299	Oxygen Difluoride Research Study	1966
20160002343	[Research on Meteorites]	1966
20160002344	[Balloon Project Progress Report for November 1965 through May 1966]	1966
20160002345	Plasma Acceleration with Microwaves Near Cyclotron Resonance Based on Dipole Moment Approximation	1966
20160002346	Trip Report - Fifteenth S-1B Stage Quarterly Review, Michoud	1966
20160002347	VOYAGER Project	1966
20160002348	Prediction of the Dissociation Pressures of Mixed Gas Hydrates from Data for Hydrates of Pure Gases with Water	1966
20160002349	Study of Structural and Mineralogical Significance of Meteorite Impact Sites, Including Mineral Paragenesis, High Pressure Polymorphs, Microfractures and Quartz Lamellae	1966
20160002350	The Crystal Structure of cis-2-Butene Episuifone	1966
20160002351	Solar Ultraviolet Radiation	1966
20160002353	Measurement of Radio Wave Scattering by Precipitation and Aircraft	1966
20160002354	Investigation of the Chemical Kinetics of an Advanced High Energy Propellant System	1966
20160002355	Measurement of Ray Deviations in a Schlieren Field	1966
20160002356	An Exact Stress Analysis of a Rectangular Sheet Bounded by Four Edge Stiffeners and Subjected to Loads and Temperature Gradients	1966
20160002357	Supplement to Micropulsation Sites for Geomagnetic Studies	1966
20160002358	New Structural Design Concepts	1966
20160002829	Investigation of Laser Properties Relevant to the Measurement of Different Physical Parameters	1966
20160002830	NBS R and D Facilities	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160002831	Structural Design Concepts for Future Space Missions	1966
20160002832	Fundamental Mechanisms of Fatigue	1966
20160002833	Interdisciplinary Studies of the Effects of High Energy Protons on Biologic Systems	1966
20160002834	Calculations of the Virtual Height and Absorption of Radio Waves	1966
20160002835	Production of Spectral Rays of He I and He II by Excitation of He Atoms Accelerated by a Van De Graaf	1966
20160002836	Solar Content of C-13	1966
20160002837	[Continuation of the Attempts to Isolate the Causal Factors in the Cyclicity of Activity]	1966
20160002839	Circadian Rhythms in Primates as Influenced by Latitude, Longitude, Gravity and Confinement	1966
20160002840	High-Energy Gamma-Ray Astronomy Experiment for High-Altitude Balloons	1966
20160002841	Photoemission Studies of Solids	1966
20160002842	Re-Entry Radiation and Air Flow	1966
20160002844	Automated Biological Laboratory Study	1966
20160002845	Liquid Propellant Utilization for Sounding Rockets	1966
20160002847	[Application of Information Theory to Reliable Digital Systems]	1966
20160002848	Mass Spectrometric Studies at High Temperatures. XI The Sublimation Pressure of NdF ₃ and the Stabilities of Gaseous NdF ₂ and NdF	1966
20160002850	[The Quantitative Study of Accessory Minerals in Meteorites]	1966
20160002851	Semi-Annual Progress Report for the Period 10-1-65 Through 3-31-66	1966
20160002852	[Studies of Natural Charged Particles and Magnetic Fields in Space]	1966
20160002853	Relation of Oxygen Content to Fracture Toughness in 18 Ni Maraging Steel Welds	1966
20160002854	SSB and VHF Crystal Filters	1966
20160002856	[Rocket-Grenade Program]	1966
20160002857	High Speed Microwave Switches	1966
20160002859	A Passive Damper System for the Reduction of Angle of Attack Oscillations of a Non-Spinning Re-entry Vehicle	1966
20160002860	[Research on Circadian Periods]	1966
20160002862	Diffusion of a Light Gas in an Exponential Atmosphere	1966
20160002863	A Conceptual Design Study of a Mars Probe	1966
20160002864	On Radio Radiation from the Nucleus of a Spiral Galaxy	1966
20160002865	[System Theory, Control Systems, Error Analysis]	1966
20160002866	[Geologic Mapping]	1966
20160002867	The Anisotropic Propagation of Solar Protons Deduced from Simultaneous Observations by Earth Satellites and the Mariner-IV Space Probe	1966
20160002868	Interim Reports for Exploratory Development in Support of Compound Rotary Wing Aircraft	1966
20160002869	A Study of Polymers Containing Silicon-Nitrogen Bonds	1966
20160002871	Saturn IB/V Launch Vehicle Digital computer and Data Adapter Flight Model Program	1966
20160002872	All-Fluid Amplifier Development for Liquid Rocket Secondary Injection Thrust Vector Control	1966
20160002873	Changes in Adrenal Corticosterone Production in Rats: Method of Bioassay for ACTH	1966
20160002877	Density-Wave Oscillations in Boiling Freon-11 Flow	1966
20160002878	The Mass Spectra of Derivatives of 3-Azabicyclo (3.2.1) Octane, 3-Azabicyclo (3.3.1) Nonane, and 8-Azabicyclo (4.3.1) Decane	1966
20160002879	[Identification of Unknown Lines in the Vacuum Ultraviolet Solar Spectrum]	1966
20160002882	Accurate Calculation of Detection Probabilities Using Published Tables	1966
20160002893	Aircraft Engine T63-A-5A	1966
20160002898	A Survey of the Infrared Radiation Properties of Carbon Dioxide	1966
20160002899	Crack Propagation Tests on 2024-T3 Unstiffened Aluminum Alloy Panels of Various Length-Width Ratios	1966
20160002901	The Effect of Turbulence on Static-Pressure Tubes	1966
20160002902	Alleviation of Leading-Edge Heating by Conduction and Radiation	1966
20160002903	An Experimental Investigation of the Compressible Turbulent Boundary Layer with Air Injection	1966
20160002905	Measurements of Wing Buffeting on a Scimitar Model	1966
20160002906	A Review of Counting Accelerometer Data on Aircraft Gust Loads	1966
20160002907	Symposium on the Use of the Digital Computer in Aircraft Structural Design and Analysis	1966
20160002908	The Drag of Some Wedge Centre-Body Intakes at Mach Numbers of 1.56, 1.86 and 2.14	1966
20160002909	Drag Measurements on a Series of Afterbodies at Transonic Speed Showing the Effects of Sting Interference	1966
20160002910	Air Condensation Effects Measured in the R.A.E. 7 in. X 7 in. Hypersonic Wind Tunnel	1966
20160002911	The Economic Effects of Meteorological Forecasting Standards for Supersonic Civil Transports	1966
20160002912	A Technique for Studying High Velocity Drawing in Polymers	1966
20160002915	Real Air Effects in Propelling Nozzles	1966
20160002916	Measurements in a Three-Dimensional Turbulent Boundary Layer in Supersonic Flow	1966
20160002917	Solution of the Catapult Take-Off Performance Equations by an Analogue Method	1966
20160002918	The Range Performance of Hypersonic Aircraft	1966
20160002919	Detail Specification for Atlas Standard Launch Vehicle SLV-3 Convair Model 69: Addendum X	1966
20160002920	A Piloted Flight Simulator Study of Speed Instability During the Landing Approach	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160002921	A Digital Computer Program for the Through-Flow Fluid Mechanics in an Arbitrary Turbomachine Using a Matrix Method	1966
20160002924	Free-Flight Measurements of the Incremental Drag Due to Engine Nacelles on a Transonic Swept-Wing Aircraft	1966
20160002926	Heat Transfer in the Vicinity of a 15 Degree Compression Corner at Mach Numbers from 2.5 to 4.4	1966
20160002928	Spacecraft Rocket Engine Chamber Insulation Materials	1966
20160002975	Interdisciplinary Research in the Physical, Biological, Engineering, and Social Sciences	1966
20160002976	Theoretical Investigations in Atmospheric Physics	1966
20160002977	A Study of Attention and Psychological Time	1966
20160002978	Lightweight Multi-Layer Insulation System	1966
20160002979	Analysis of Geodetic Satellite Tracking Data	1966
20160002980	Use of Random Signal Radar in Measurement of Lunar and Planetary Surface Characteristics	1966
20160002981	Vacuum Ultraviolet Radiation and Solid State Physics	1966
20160002982	[Investigation of the Problems of Lunar and Planetary Exploration]	1966
20160002983	Constrained Minimization Under Vector-Valued Criteria in Finite Dimensional Spaces	1966
20160002984	Computer Oriented Research in the Space Related Sciences	1966
20160002985	A Study of Compression of Combustion Oscillations With Mechanical Damping Devices	1966
20160002986	Analytic Studies in the Learning and Memory of Skilled Performance	1966
20160002987	Nonlinear Dynamics of Thin Shell Structures	1966
20160002988	A Bed Rest Study With and Without Exercise Involving 800 Mg of Dietary Calcium Daily	1966
20160002989	Studies of the CO ₂ Laser	1966
20160002990	An Investigation in Irreversible Macroscopic Phenomena	1966
20160002991	Improvement of Propeller Static Thrust Estimation	1966
20160002992	High Performance Structures	1966
20160002994	A Study of the Suppression of Combustion Oscillations with Mechanical Damping Devices	1966
20160002996	Space Related Scientific and Technical Investigations	1966
20160002997	Real-Time Height Profiles of Electron Density and Wind Velocity from Ionospheric Radio Soundings	1966
20160002999	Saturn IB/V Launch Vehicle Digital Computer and Data Adapter Flight Model Program	1966
20160003001	Thermal Annealing of Electron Irradiated GaAs Solar Cells	1966
20160003002	Effect of X-Rays on Functional Groups of Phospholipids	1966
20160003003	[Optical System Design for the Rocket Spectrograph]	1966
20160003005	Line Integrals, Surface Integrals, Volumes, Centroids, and Moments of Inertia of a Class of Shells of Revolution and for a Larger Class of Shells	1966
20160003006	Institutional Research Program in Space-Related Areas of Science and Engineering	1966
20160003007	Multidisciplinary Research in Space Related Sciences and Engineering	1966
20160003008	Shock Tunnel Investigations of Turbulent Flow at High Mach Numbers	1966
20160003009	Counterimages of Arcs	1966
20160003010	Design Study for Zodiacal-Light Observations from an Orbiting Solar Observatory	1966
20160003011	Numerical Experiments with a One-Dimensional Model for a Self-Gravitating Star System	1966
20160003012	Terrain Photography on Gemini Missions	1966
20160003013	Theoretical and Laboratory Investigations in Radio Astronomy, Status Report No. 7	1966
20160003014	Stigmatic Spectrograph Study	1966
20160003015	Photoelectric Yields of Various Cathodes	1966
20160003016	Nonlinear Dynamics of Thin Shell Structures	1966
20160003017	Data Analysis in Connection with the National Geodetic Satellite Program	1966
20160003193	27-Day Recurrent Si ⁺ - Si ⁻ Pairs and Shock Structure in M Region Beams	1966
20160003238	Helium Geocorona Measurements Program: Rocket Experiment	1966
20160003276	Atlas/Centaur Launch Vehicle Study. Phase 3: Guidance and Control	1966
20160003414	A Graphical Representation of the Binary Flutter Equations in Normal Co-Ordinates	1966
20160003416	Low-Speed Measurement of Skin-Friction on a Slender Wing	1966
20160003417	Experimental Investigation of the Positions of the Leading-Edge Vortices Above Slender Delta Wings with Various Rhombic Cross-Sections in Subsonic Conical Flow	1966
20160003418	Supersonic Flutter Derivatives for a Series of Swept and Cropped Delta Wings	1966
20160003420	Delta Orbit Error Analysis Intelsat II F-1	1966
20160003422	Measurements of the Performance of a Turbo-Jet Engine With Reheat (Rolls Royce RA28R AVON) in High Speed Flight Under Simulated Conditions in Test Beds	1966
20160003430	Analytical and Experimental Determination of Localized Structure to Be Used in Laboratory Vibration Testing of Shell Structure-Mounted Components, Saturn V	1966
20160003433	NASA Project Gemini Familiarization Manual	1966
20160003437	The Distribution of a Wall Pressure Rise in a Turbulent Boundary Layer	1966
20160003440	The Investigation of Flame Spreading Over the Surface of Igniting Solid Propellants	1966
20160003441	A Computer Program System for Calculating the Hypersonic Aerodynamic Characteristics of Arbitrary Three-Dimensional Shapes	1966
20160003454	Delta AE-B DTO Trajectory (Revision No. 1)	1966
20160003455	Jet Noise and Shear Flow Instability as Seen From an Experimenter's Viewpoint	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160003456	Structural Guidelines for Materials Development	1966
20160003461	Electromagnetic Waves in Uniformly Moving Media	1966
20160003463	Stability of Single-Loop Nonlinear Feedback Systems	1966
20160003465	Multidisciplinary Research in Space-Related Science and Technology	1966
20160003469	The Buckling of Cylindrical Shells	1966
20160003571	Advanced Solid Propellant Formulation Techniques	1966
20160003572	NASA Translation List	1966
20160003573	NASA Translation List No. 39	1966
20160003765	Report on the Qualification Testing of Pugs System, North American Aviation Apollo Propellant Utilization and Gaging System (Block I) (Appendix I to Volume VI)	1966
20160003766	Report on the Qualification Testing of the North American Aviation Apollo Propellant Utilization and Gaging System (Block I)	1966
20160003780	Block 4 Operations Plan ATR-20	1966
20160003781	Command and Telemetry Effectiveness Evaluation	1966
20160003782	Block 2 Operations Plan	1966
20160003786	Report on the Qualification Testing of the North American Aviation Apollo Propellant Utilization and Gaging System (Block I)	1966
20160003787	Report on the Qualification Testing of the North American Aviation Apollo Propellant Utilization and Gaging System (Block I)	1966
20160003788	Report on the Qualification Testing of the North American Aviation Apollo Propellant Utilization and Gaging System (Block I)	1966
20160003789	Report on the Qualification Testing of the North American Aviation Apollo Propellant Utilization and Gaging System (Block I)	1966
20160003790	Report on the Qualification Testing of the North American Aviation Apollo Propellant Utilization and Gaging System (Block I)	1966
20160003791	Report on the Qualification Testing of the North American Aviation Apollo Propellant Utilization and Gaging System (Block I)	1966
20160003792	Apollo Support Equipment Maintenance Handbook: Hydrogen Cryogenic Storage Subsystem Bench Maintenance Equipment Model C14á183	1966
20160003793	Propellant Utilization and Gaging System for SPS Block I	1966
20160003803	Electronic/Electrical/Electromechanical Parts List for Controller Lunar Docking Events Model A18A	1966
20160003811	Acceptance Test Specification Individual Test for Ground Station Data Recording System, FCI	1966
20160003812	Acceptance Test Specification Individual Test for Fluid Distribution System Altitude Test Stand, No. 1	1966
20160003814	Acceptance Test Specification Individual Test for Sight Gage Unit	1966
20160003815	Acceptance Test Specification Individual Test for Fluid Distribution System, KHT-2	1966
20160003818	Acceptance Test Specifications Individual Test for Helium Pressure Distribution Unit	1966
20160003821	Acceptance Test Specification Individual Test for Cart, Checkout Propulsion Systems	1966
20160003823	Acceptance Test Specification Individual Test for Ascent-Descent Ullage Simulation Cart	1966
20160003824	Acceptance Test Specification Individual Test for Test Stand, Helium Component	1966
20160003825	Acceptance Test Specification Individual Test for Refrigerant Control Assembly SHe Simulation Tank, LTA-8	1966
20160003827	Acceptance Test Specification Individual Test for Freon Bottle Rack and Manifold	1966
20160003828	Acceptance Test Specification Individual Test for Vacuum Pump, Water Management Section, Servicing	1966
20160003830	Acceptance Test Specification Individual Test for Engine Flush and Purge Unit - Propulsion System (Oxidizer)	1966
20160003831	Acceptance Test Specification Individual Test for Waste Management Checkout Unit	1966
20160003834	Acceptance Test Specification Individual Test for Engine Flush and Purge Unit - Propulsion System (Fuel)	1966
20160003835	Acceptance Test Specification Individual Test for Proof Loading Assembly, Ascent Stage, Tank Support Deck	1966
20160003836	Acceptance Test Specification Individual Test for Proof Loading Assembly, Descent Stage, Tank Skirts	1966
20160003838	Acceptance Test Specification Individual Test for Transporter Assembly, Ascent Stage	1966
20160003842	Acceptance Test Specification Individual Test for Test Rack Stimuli and Monitoring	1966
20160003848	Acceptance Test Specification Individual Test for Control Station Helium Pressurization	1966
20160003850	Acceptance Test Specification Individual Test for Adapter Sets	1966
20160003941	Acceptance Test Specification Individual Test for Adapter Assembly, VHF/UHF R & D Antennas	1966
20160003944	Acceptance Test Specification Individual Test for Control Box Development Flight Instrumentation	1966
20160003946	Acceptance Test Specification Individual Test for Control Electronic Section, MTS	1966
20160003950	Acceptance Test Specification Individual Test for D.C. Power Supply, ACE-S/C-GSE	1966
20160003951	Acceptance Test Specification Individual Test for FDS Switching Control Unit	1966
20160003953	Acceptance Test Specification Individual Test for Monitoring Test Panel	1966
20160003998	Results of the Environmental Qualification Test of the Scimitar VHF/UHF Telemetry Antenna (Certification Test Requirement LCQ 380-024)	1966
20160004001	Results of Qualification Test of S-Band In-Flight Antenna	1966
20160004007	Test Result of the Qualification Tests of Restraint System Pulley and Rope Assemblies (LM-1): (Certification Test Requirement) LCQ 340-014	1966

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160004106	Duct Assembly, Steam Vent, Environmental Control Subsystem, Design Control Specification For	1966
20160004113	Plastic Foam, Flexible, Polyurethane	1966
20160004135	End Item Calibration Specification Cart, Fluid Storage and Transfer	1966
20160004136	End Item Calibration Specification Pressure Test Assembly LDW430-6295	1966
20160004158	End Item Calibration Specification Antenna C/O Group LSC410-92032	1966
20160004163	End Item Calibration Specification Load Bank, EPS Checkout LDW-410-82100	1966
20160004164	End Item Calibration Specification Unit, Battery Charger LSW-410-8199	1966
20160004179	End Item Calibration Specification Ascent Stage Simulator	1966
20160004180	End Item Calibration Specification Panel, Liquid Level Remote Control Gauge LDW410-1080	1966
20160004547	The Propulsion System Test Tank Simulator LTT 430-24058	1966
20160004556	Saturn V Launch Facility Checkout Documentation Control Plan (SA-500F)	1966
20160004617	LEM 1/LEM 4 Notebooks	1966
20160004631	Saturn IB SA-201 Launch Vehicle Flight Readiness Review Report	1966
20160004633	SA-501 Launch Vehicle Mission Directive	1966
20160004638	MSFC Flight Mission Directive Apollo-Saturn 206A Mission	1966
20160004658	Interim Test Report (Revision B) on Qualification Testing of the Propellant Utilization and Gaging System	1966
20160004749	List of R.A.E. Translations Issued During the Period 1st January 1965 to 31st December 1965	1966
20160009383	Radiological Control Manual	1966
20160009389	Apollo Extension Systems - Lunar Excursion Module	1966
20160009390	Semiannual Report of Improved Manpower Management	1966
20160009394	TIROS Mission Operations Plan (MOP)	1966
20160009396	Development of a 1,500,000-LB-Thrust (Nominal Vacuum) Liquid Hydrogen/Liquid Oxygen Engine	1966
20160009409	Apollo Extension Systems: 1300 Cubic Foot Laboratory	1966
20160009411	Axial Current Distribution in the Exhaust of the Magnetic Annular ARC	1966
20160012419	Apollo Abort and Real-Time Alternate Mission Capabilities Description	1966
20160012421	Apollo Flight Program Description Including Contingencies (U)	1966
20160012443	Saturn Apollo Applications Flight Mission Assignments	1966
20160012444	Report on Apollo Applications Status Review for the Deputy Administrator	1966
20160012656	Project Gemini Mission Weight and Balance Summary No. 28	1966
20160013471	Spacecraft Operational Trajectory for AS-202 (AFRM-011)	1966
20160013473	Emergency and Recovery Procedures: John F. Kennedy Space Center	1966
20160013474	Apollo Saturn 202 Flight Readiness Review	1966
20160013575	System Engineering Considerations in Spacecraft Design	1966
20160013580	Project Apollo: Spacecraft Performance Scan for AS-504A (U)	1966
20160013597	Report of Apollo 204 Review Board	1966
20160013734	Program Review Document Apollo	1966
20160013736	Program Review Document Gemini	1966
20160013737	Preliminary Gemini VIII Flight Plan	1966
20160013763	AS-503A Preliminary Abort and Alternate Mission Studies	1966
20160013764	Project Apollo Preliminary MSFN Error Analysis for AS-503A	1966
20160013787	Project Development Plan: Lunar Orbiter Project	1966
20160013793	Lesson Plans LEM Systems	1966
20160013803	Final Gemini XII Flight Plan	1966
20160013809	Gemini IXA Flight Plan	1966
20160013811	Gemini Design Certification Report: Rendezvous and Extravehicular Systems	1966
20160013821	Gemini XI Flight Plan	1966
20160014399	Apollo/Saturn 201: Press Kit	1966
20160014401	Apollo/Saturn IB Launch Rules AS-201	1966
20160014407	Apollo Program: Apollo Flight Mission Assignments (U)	1966
20160014775	Spacecraft Reference Trajectory for AS-2048 (AFRM 012)	1966
20160014777	Joint Abort and Alternate Mission Plan: AS-202/CSM-011	1966
20170000998	Gemini Program Flight Summary Report - Gemini Missions I, II, III, IV, V, VI, VI-A, and VII	1966
20170001006	Program Review Apollo	1966
20170006889	A Program for Exploration of the Solar System 1967-1986	1966
19670006363	Theory of the three-dimensional stress state in a plate with a hole	1967
19670006370	Hypersonic profile of minimum drag, having an assigned bending strength	1967
19670006436	Optimum forms of bodies with associated shock waves	1967
19670006611	On friction and leakage losses in the working blade-rings of radial-flow turbines in helicopter and transport gas-turbine units	1967
19670006731	Adhesives, sealants, and gaskets - Survey	1967
19670007273	Research at the Stanford Center for radar astronomy Semiannual status report, 1 Jul. - 31 Dec. 1967	1967
19670007275	PRESTO version delta - Program for Rapid Earth-to-Space Trajectory Optimization	1967
19670007338	A theoretical investigation of information limits of scanning optical systems	1967
19670007358	Arc-tunnel evaluation of some ablative heat shield materials for the X-15-2	1967
19670007472	Problems in astrophysics. Investigation of the atmospheres of Venus and Mars	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670008054	The effect of transfer processes on the stability of a plane flame front	1967
19670008061	Air breathing propulsion in aerospace transport	1967
19670008065	Launching program at Adelie Land, December 1966 to February 1967	1967
19670008066	Models of allosteric enzymes and their analysis by the graph theory method	1967
19670008179	Theoretical performance of rocket engines using gaseous hydrogen in the ideal state at stagnation temperatures up to 200,000 R	1967
19670008189	Character of the interaction of zirconium dioxide with titanium, niobium, and chromium carbides	1967
19670008452	Aerospace Measurement Techniques	1967
19670008453	Keynote address	1967
19670008454	The Moessbauer effect and its application to measuring technology	1967
19670008455	Use of the gamma-ray backscatter technique for air density measurement	1967
19670008456	Aerospace mass spectrometry	1967
19670008457	Acoustic Techniques and Applications at Elevated Temperatures	1967
19670008458	Spectral line radio astronomy measurements	1967
19670008459	Application of laser radars to the study of the atmosphere	1967
19670008460	Reduction of pictorial data by microdensitometry	1967
19670008461	Spatial filtering - A report on the state-of- the-art	1967
19670008462	Recent advances in holography	1967
19670008463	Spectroscopy at microwave frequencies	1967
19670008464	Ultraviolet measurements in planetary atmospheres	1967
19670008465	Infrared Fourier techniques	1967
19670008466	Light sources and detectors for vacuum ultraviolet radiation between 1000 angstroms and 100 angstroms	1967
19670008493	Commercial potentials of semipermeable membranes	1967
19670008494	NASA contributions to metal joining	1967
19670008674	Development of a Pressure and Force Transducer Calibration Procedure for the Hypersonic Shock Tunnel, Volume II Final Report, May 1963 - Oct. 1966	1967
19670008677	Analytical study of nonmetallic parts for launch vehicles and spacecraft structures Quarterly progress report no. 2, Oct. 1, 1966 - Jan. 1, 1967	1967
19670008702	Drag Forces of Two-Dimensional V-Shaped Notches in Transonic and Supersonic Turbulent Flow	1967
19670008714	Luna-13 is on the moon	1967
19670008764	Studies on the Structure of Rubbery Polyurethanes Status Report, 17 Oct. 1966 - 17 Jan. 1967	1967
19670008765	Computer Calculations on Interstitial Geometry in Lattices of Hard Spheres, Part I Final Report	1967
19670008809	Relative Roles of Gravitational and Inertial Work in the Energy Cost and Character of Human Locomotion Semiannual Progress Report, 1 Jul. 1966 - 1 Jan. 1967	1967
19670008913	Study of Corpuscular Radiation on Spacecraft Luna-10	1967
19670009072	Forced discontinuous oscillations of a fluid in a pipeline	1967
19670009088	Load factors for kick stage Final report	1967
19670009162	Investigation of the atmosphere by radioastronomical methods at small angles above the horizon	1967
19670009179	Lifting Bodies	1967
19670009297	Vacuum switchgear - A survey	1967
19670009418	Maser spin dynamics	1967
19670009592	Boundary-value problem for an equation of mixed type with two parabolic lines	1967
19670009594	Supersonic flow around blunt bodies of revolution with a generatrix discontinuity	1967
19670009595	Calculation of the base pressure in two- dimensional supersonic flows	1967
19670009596	Phase-diagram structure of the titanium- copper system	1967
19670009597	A nanosecond light-pulse generator with external synchronizations	1967
19670009598	High-temperature oxidation of silicides of some rare-earth metals	1967
19670009599	Resolution and microphotometric granularity of infrared films	1967
19670009600	Increase of cohesive strength of metallic coatings by means of a preliminary passivation	1967
19670009601	Stress distribution at the vertex of a growing crack	1967
19670009602	Evolution of the catalytic function of the glutamate oxidase system	1967
19670009603	The effect of denaturation of proteins on their coacervation with dyes	1967
19670009604	Excitation of atoms by electron bombardment	1967
19670009605	Free-molecular gas flow in plane channels and grids	1967
19670009606	Drag effect of the active medium of a gas ring laser	1967
19670009607	The photosensitizing activity of chlorophyll in coacervates	1967
19670009608	Cold-rolled and recrystallization textures of molybdenum single crystals	1967
19670009609	Resistance of certain strains of microorganisms to ultraviolet rays	1967
19670009610	Changes in nerve cells as a result of the action of ionizing radiation	1967
19670009611	Biochemical effects of static electricity during Gordon's EVA	1967
19670009612	A study of histone action on synthesis of antibodies and other cellular proteins in vitro	1967
19670009619	Electron densities and scale heights in the topside ionosphere - Alouette I observations recorded at Hawaii, winter 1962-1963, summer 1963	1967
19670009633	Science and the city	1967
19670009638	Methods of investigating the atmosphere with rockets and satellites	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670009678	[Development of a Multi-Chambered Potato Tuber Respirometer]	1967
19670009693	Significant achievements in space science, 1965	1967
19670009749	A method of representing two-dimensional distributions for use in Monte Carlo calculations	1967
19670009757	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670009769	Notes on digital spectral analysis	1967
19670009788	Summary of research Semiannual status report, 1 May - 31 Oct. 1966	1967
19670009793	Development of design and scaling criteria for monopropellant hydrazine reactors employing Shell 405 spontaneous catalyst, volume I Final report	1967
19670009794	Development of design and scaling criteria for monopropellant hydrazine reactors employing Shell 405 spontaneous catalyst, volume II FINAL report	1967
19670009802	Incompressible boundary layers with constant wall shear and arbitrary initial shear profiles	1967
19670009822	Communication by Electrical Stimulation of the Skin Semiannual Progress Report, 1 May - 31 Oct. 1966	1967
19670009877	Theoretical and experimental investigations of antennas and waves in plasma Semiannual status report, Sep. 1, 1966 - Feb. 28, 1967	1967
19670009989	Damping of structural composites with viscoelastic shear-damping mechanisms	1967
19670010549	Development and performance of a small crossed-loop omnidirectional uhf prototype antenna for a penetrometer Final report	1967
19670010551	Engineering study and experiment definition for an Apollo applications program experiment on vehicle disturbances due to crew activity - Data supplement	1967
19670010563	The stagnation-point boundary layer with suction and injection in equilibrium dissociating air	1967
19670010565	Design and fabrication of a high-performance Brayton cycle radial-flow gas generator	1967
19670010567	Study of methods for synchronizing remotely-located clocks Final report, Jul. 1965 - Aug. 1966	1967
19670010568	The design, fabrication and feasibility testing of a prototype airborne respiration analyzer	1967
19670010569	A statistical technique for the dynamic analysis of vehicles traversing rough yielding and non-yielding surfaces	1967
19670010577	Study of the methods for the numerical solution of ordinary differential equations Final report, 26 Jan. 1966 - 25 Jan. 1967	1967
19670010594	Simultaneous nonlinear estimation	1967
19670010606	Energy dissipation characteristics in tissue for ionizing radiation in space Progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670010626	Enzyme Activity in Terrestrial Soil in Relation to Exploration of the Martian Surface Semiannual Progress Report, 1 Jul. - 31 Dec. 1966	1967
19670010633	The effect of surface reactions on fatigue failure Final report	1967
19670010662	Results and recommendations based on development of a prototype resolver to digital encoder Final report	1967
19670010665	Physics of cellular synthesis, growth and division Progress status report, 1 Jul. - 31 Dec. 1966	1967
19670010669	Initial design study of a permanent magnet for use with an MPD arc thruster Final report	1967
19670010838	Research on the Utilization of Pattern Recognition Techniques to Identify and Classify Objects in Video Data Technical Progress Report, 30 Jul. 1966 - 31 Jan. 1967	1967
19670010892	High frequency properties of plasma	1967
19670010920	Investigation of Supersonic Shock Phenomena in a Two-Phase (Liquid-Gas) Tunnel	1967
19670010921	Charge transfer of N plus over 2 and O plus over 2 with sodium atoms	1967
19670010925	Theoretical and experimental investigations of the physics of crystalline surfaces Annual report, 1 Feb. 1966 - 31 Jan. 1967	1967
19670010927	Microwave absorption in dysprosium single crystals	1967
19670011046	Describing function analysis of control systems containing multiple nonlinearities	1967
19670011081	Development of tables for use in celestial navigation on the lunar surface Final report	1967
19670011832	Research in electrohydrodynamics and traveling-wave electromechanical energy conversion Semiannual report, 1 Aug. 1966 - 31 Jan. 1967	1967
19670011833	Digital computer analysis of temperature control characteristics of spacecraft louvers in sunlight	1967
19670012097	Study of applicability of lunar orbiter subsystems to planetary orbiters	1967
19670012118	Derivation of a meteorological body of data covering the Northern Hemisphere in the longitude region between 60 deg W and 160 deg W from March 1964 through February 1965	1967
19670012121	PAGEOS Project. Compilation of information for use of experimenter	1967
19670012123	Variations in respiration process during gamma radiation of plant tissue	1967
19670012125	Flight Testing of Aircraft	1967
19670012129	On the perturbations of small eccentricity satellites	1967
19670012712	Non-stationary heat and mass transfer	1967
19670012743	Properties and current applications of magnesium-lithium alloys	1967
19670012823	Passive geodetic satellite inflation rate study	1967
19670012831	Space station mission simulation mathematical model	1967
19670012847	Design of microelectronic circuits Final report	1967
19670012849	Infrared horizon definition A state of the art report	1967
19670012971	Investigation of Meteoric Dust with the Aid of Rockets and Satellites	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670013447	The analysis of 15 mu infrared horizon radiance profile variations over a range of meteorological, geographical, and seasonal conditions	1967
19670013509	The "bleaching" effect in ZnS/Co/ crystals under the influence of extremely large pulses of a ruby laser	1967
19670013553	Non-linear aerodynamic normal force and moment on slender blunt-based bodies of revolution with laminar boundary layer	1967
19670013568	Tables of interference factors for use in correcting data from VTOL models in wind tunnels with 7 by 10 proportions	1967
19670013935	A study of the reaction of copper //I/ ion with 4-methyl-3-penten-2-one	1967
19670013946	Study of Crystallization, Crosslinking and Dimensional Changes During the Crystal-liquid Phase Transition of Oriented Polymeric Systems - Semiannual Status Report	1967
19670013960	A numerical method for determining the aeroelastic divergence characteristics of unguided, slender-body, multistage launch vehicles	1967
19670013980	Closed collision paths in a plane circular restricted three-body problem	1967
19670013992	The internal structure and physics of the earth	1967
19670014009	A survey of space applications	1967
19670014011	DIANA - A digital-analog simulation program for the IBM 1620 II computer	1967
19670014151	Rocket-Sonde	1967
19670014391	Metabolic rate and longevity of Drosophila. II - The longevity and metabolic rate in Drosophila melanogaster at different population densities	1967
19670014459	Using phase transitions to improve thermostatic control of instruments	1967
19670014460	Metabolic rate and longevity of Drosophila. I - Introductory remarks and review of the literature	1967
19670014990	The camber distribution of a spanwise uniformly loaded subsonic wing	1967
19670015093	Toward a general theory of elastic equilibrium equations for an isotropic body	1967
19670015094	Toward a general theory of elastic equilibrium equations for an isotropic body	1967
19670015119	Boundary value problems for equation $\epsilon y'' = f(x, y, y')$ for small values of ϵ	1967
19670015120	Difference methods of solving three- dimensional problems in gas dynamics	1967
19670015121	Intoxication by high oxygen pressures	1967
19670015151	Rawinsonde comparison project Final report, Sep. 1966	1967
19670015172	Stress concentration	1967
19670015283	On the asymptotic behavior of the solutions of boundary problems for quasilinear differential equations	1967
19670015284	Viscous hypersonic flow past a slender cone	1967
19670015285	The cosine law in the kinetic theory of gases	1967
19670015293	Design, fabrication and testing of an eight-pole commutator and associated shift register Quarterly technical report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670015303	Propellant leakage detection system Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670015673	European space vehicle launcher development organization active communications satellites	1967
19670015674	Spin tests - Method of data presentation	1967
19670015675	Development of spin testing technique as a function of spin of modern aircraft	1967
19670015676	The O.N.E.R.A. testing methods and their recent progress	1967
19670015677	Space meteorology - A story about the artificial earth satellite "Cosmos-144"	1967
19670015679	The two-photon laser	1967
19670015682	Problem of the effect of capture centers on the photoconductivity of semiconductors at high illumination levels	1967
19670015683	Method of obtaining compaction products from refractory metallides using ultrasonic activation	1967
19670015684	On the problem of elastic equilibrium of an ellipsoid of revolution	1967
19670015685	Ion exchange and increasing the strength of glass	1967
19670015686	Propagation of a turbulent jet impacting on a flat surface	1967
19670015687	Determination of critical loads responsible for the development of initially wide cracks	1967
19670015688	On the elastic equilibrium of a body limited by a cone of revolution	1967
19670015689	Research on the initial factors of morphogenesis in Anuran amphibia. Part I - Results of the Schultze experiment and their interpretation	1967
19670015690	Experimental study of single-degree of freedom flutter in transonic flow	1967
19670015691	Research on the morphogenesis determinism of unequal segmentations in spiralia	1967
19670015692	Natural vibrations as cause of energy fluctuations and chemical conversions	1967
19670015693	Study of a non-adiabatic magnetic trap	1967
19670015694	Penetration of 2 to 11 keV lithium ions into silicon carbide single crystals	1967
19670015696	Combined approximation method for energy calculation in the many-electron problem	1967
19670015699	Variational principle for the intensity of forbidden transitions	1967
19670015700	Sintering of cermet products compressed by impact loads	1967
19670015701	Study of the aeroelastic instability of a flat rectangular panel	1967
19670015702	On a family of minimum-drag bodies	1967
19670015703	Quantum hydrodynamic equations for multi- component systems	1967
19670015704	On the Stability of Elastic Equilibrium	1967
19670015707	Stress concentration near an elliptical hole in a steep spherical shell	1967
19670015718	Storage of biological samples	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670015721	Handbook of orbit position control for passive communications satellites	1967
19670015745	Helicopter control - A multi-loop manual control system	1967
19670015747	Cryogenic resins for glass filament wound composites Final report, 6 May 1965 - 31 Dec. 1966	1967
19670016161	NASA technology utilization project feasibility study for establishment of Regional Dissemination Center for New England Final report	1967
19670016319	Fifteenth semiannual report to Congress, Jan. 1 - jun 30, 1966	1967
19670016414	The problem of man's gravitoinertial force environment in space flight Progress report, 1 Jan. - 31 Mar. 1967	1967
19670016415	Services provided in support of the planetary quarantine requirements of the National Aeronautics and Space Administration, January - March, 1967	1967
19670016417	Study of shape and internal structure of moon, utilizing lunar orbiter data Quarterly progress report	1967
19670016418	Five watt solid state "S" band telemetry transmitter Final report	1967
19670016472	Kinetics of the accumulation of stored energy in the crystals of alkali halides irradiated with protons	1967
19670016473	Diffusion of silver in its oxides	1967
19670016474	B. G. Galerkin's method in calculus of variations and in the theory of elasticity	1967
19670016475	Vapor pressure of uranium monocarbide	1967
19670016476	Experimental parthenogenetic segmentation in amphibians and fishes	1967
19670016477	Plasma acceleration by a closed-circuit Hall current	1967
19670016481	Formation of stable electronic configurations of some physical properties of transition metal carbides and nitrides in the range of their homogeneity	1967
19670016483	Temperature dependence of the grain size in NbC0.80	1967
19670016484	On the fracture of a plate containing a crack	1967
19670016485	The asymptotic behavior of the solutions of differential equations containing large and rapidly changing coefficients	1967
19670016487	Gastric and duodenal changes produced in saline solutions as a function of their molecular concentration, the regulatory reflex delta - of the pyloric sphincter	1967
19670016488	Study of the effect of various pickling agents and surface alloying on the photoconductivity of cadmium sulfide single crystals	1967
19670016490	The Fick equation of diffusion	1967
19670016491	Plastic deformation of refractory compounds	1967
19670016497	Influence of the Outer Magnetic Field Upon the Shape of the Interface Between Plasma Flux and the Plane Dipole Cavity	1967
19670016498	Influence of Ions on the Passage of Low Frequency Electromagnetic Waves Through the Ionosphere	1967
19670016518	Medico-physiological incidences on the pilot for flight patterns typical of VTOL	1967
19670016519	Control of the dynamics of a two-phase liquid-gas weightless medium with the aid of surface effects	1967
19670016520	Experimental calculation of the recurrence of temperature and wind velocity combinations in the lower 100-m layer of the atmosphere	1967
19670016521	Theory of surface ionization on glowing metals	1967
19670016526	Selected machining and metal fabricating technology - A compilation	1967
19670016550	Analytical study of nonmetallic parts for launch vehicles and spacecraft structures Quarterly progress report, Jan. 1 - Apr. 1, 1967	1967
19670016568	A charge-sensitive amplifier for use with solid-state radiation detectors in scientific space instruments Final report	1967
19670016619	Test report for Butterfly valve, 14-inch, pneumatically operated	1967
19670016634	Development and parametric study of small rotary percussion drill for extraterrestrial drilling Final report, Dec. 1965 - Mar. 1967	1967
19670016671	Handling and use of fluorine and fluorine- oxygen mixtures in rocket systems	1967
19670016682	Test report for pressure gauge, 6-inch, O-TO 6000-psig	1967
19670016683	Test report for pressure gauge, 6-inch, O-TO 1500-psig	1967
19670016684	Test report for pneumatically operated shutoff valve, 6-inch, 300-psig	1967
19670016687	Test report for flexible hose, 1/2-inch ID by 205 inches long	1967
19670016735	Combustion of aluminum	1967
19670016743	Quantum mechanical calculations of the second virial coefficients for hydrogen	1967
19670016833	System configuration synthesis Final report, 1 Apr. 1966 - 1 Apr. 1967	1967
19670016844	Beta Spectra. III - Spectra of U235 Fission Products at Selected Times After Fission	1967
19670016932	Test report for explosive release	1967
19670016955	Molecular binding in the cell surface Progress report	1967
19670016958	Neutral Atmospheric Temperatures from Incoherent Scatter Observations	1967
19670016963	Butterfly valve, 6-inch, 300-psig, Hadley Valve Company model number 11953-6, NASA DRAWING number 75m13141 LSOV-2 Test report	1967
19670016966	Relief valve, 6-inch, Ladewig Valve Company part number 660-F, NASA drawing number 75m12930 LRV-6 Test report	1967
19670016967	Ball valve, 2-inch, manually operated, Hills- McCanna Company part number F602-S6-T, NASA drawing number 75M04047 HBV-2 Test report	1967
19670016994	Development of space-stable thermal-control coatings Triannual report, Oct. 20, 1966 - Feb. 20, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670016996	Study of indicial load effects on multi- stage space vehicle systems Final report, 22 Apr. 1965 - 31 Mar. 1967	1967
19670017028	Design and analysis of a 7-inch liquid hydrogen check valve for the Rocketdyne model NFS-3B feed system	1967
19670017033	Evolution of Galactic Star Clusters as a Result of Dissipations	1967
19670017036	Five-year goals	1967
19670017037	Lie series solution of gravity-gradient stabilized motion of a satellite in elliptic orbits	1967
19670017040	Compound pressure and vacuum relief valve, 2-inch, Ladewig Valve Company part number 3302, NASA drawing number 75M04406 PRV-2 Test report	1967
19670017043	Effects of high and low barometric pressures on susceptibility and resistance to infection Quarterly status report, 1 Jan. - 31 Mar. 1967	1967
19670017080	Coulomb relaxation of electrons of earth's radiation belts in the dense layers of the atmosphere	1967
19670017081	Forbidden Lines OI and SI in the Sunspot Spectrum	1967
19670017084	Solar wind observations with the aid of the interplanetary station Venera-3	1967
19670017095	Technical translations	1967
19670017115	On the possible polarization of solar flares' X-ray bremsstrahlung	1967
19670017194	A New Solution to Lambert's Problem	1967
19670017230	Handbook of the physical properties of the planet Jupiter	1967
19670017231	High-velocity metalworking. A survey	1967
19670017233	Investigation of charged particle motion in magnetic traps of acute geometry	1967
19670017234	A magnetic trap with a strong magnetic field	1967
19670017240	Performance on the FW-4 third stage motor Delta 38	1967
19670017249	An experiment in using microcuvettes. Manufacture of thin glass strips, plates, and cover glasses by drawing sheet glass	1967
19670017261	Van Allen belt dosimetry system Final report	1967
19670017265	Temperature, pressure, density and wind measurements in the upper stratosphere and mesosphere, 1965	1967
19670017268	Electron gas in a magnetic field	1967
19670017269	On the theory of Coulomb interaction	1967
19670017270	Measurement of low frequency vibrations in big helicopters and their transmission to the pilot	1967
19670017292	General theory of asymmetric waves in a circular waveguide with an open end	1967
19670017293	Physical ideas of the method of elementary excitations /the many-electron problem in the theory of the solid state/	1967
19670017298	Application of the Pontryagin maximum principle to flight in a vacuum	1967
19670017307	Electroforming aluminum composites for solar energy concentrators Final report	1967
19670017308	Analytical study of spin	1967
19670017312	Earth Photographs from Gemini III, IV, and V	1967
19670017846	Finite time stability of periodic solutions of Hamiltonian systems Progress report	1967
19670017847	Birkhoff normalization process program for time-independent Hamiltonian systems	1967
19670017848	A concept for space flight safety	1967
19670017892	Definition of spacecraft and radiator interrelations for nuclear Rankine systems	1967
19670017901	Conceptual design of a calorimeter for gamma heating measurements in the Plum Brook Reactor	1967
19670017911	Calculation of complex chemical equilibria	1967
19670017948	New methods of celestial mechanics. Volume I - Periodic solutions, the non-existence of integral invariants, asymptotic solutions	1967
19670017949	New methods of celestial mechanics. Volume II - Methods of Newcomb, Gylden, Lindstedt, and Bohlin	1967
19670017950	New methods of celestial mechanics. Volume III - Integral invariants, periodic solutions of the second type, doubly asymptotic solutions	1967
19670017951	A method of dynamic programming and its application to optimization problems of flight mechanics	1967
19670017966	Thermodynamic equilibrium in prebiological atmospheres of C, H, O, N, P, S, and Cl	1967
19670017978	Tektite compositional trends and experimental vapor fractionation of silicates	1967
19670017980	Preliminary design columbium combustor test report	1967
19670017984	Elastomers and Spacecraft	1967
19670017989	Ultrasonic temperature measuring device Quarterly progress report	1967
19670018032	Gaseous electrolytes for batteries and fuel cells Quarterly report, Nov. 1, 1966 - Jan. 31, 1967	1967
19670018035	Analysis of failure of shaft from the LOX INTERCONNECT valve, 60B41005-1	1967
19670018046	Calculations of higher order collision integrals Quarterly status report, 1 Jan. - 31 Mar. 1967	1967
19670018049	Waveguides filled with magnetoplasmas of various types	1967
19670018050	Multidisciplinary research leading to utilization of extraterrestrial resources Quarterly status report, Jan. 1 - Apr. 1, 1967	1967
19670018051	A computer program for VLF ray tracing in a model ionosphere	1967
19670018087	Saturn V, manned flight to the moon	1967
19670018088	Investigation of the catalytic interaction of hydrogen chloride and methanol. Part II - Kinetics of dehydration of methanol and hydrochlorination of dimethyl ether on catalysts used for vapor-phase synthesis of methyl chloride	1967
19670018090	Lunar Orbiter Mission I. Volume III - Mission operational performance Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670018097	Methods for Performance-testing of Electromechanical Pressure Transducers	1967
19670018103	Human Survival in Aircraft Emergencies	1967
19670018104	Preliminary design study of a lunar gravity simulator Summary report, 15 Jun. - 14 Oct. 1966	1967
19670018107	Vectorcardiographic changes during intracoronary injections	1967
19670018176	Synthesis of linear, double chain, ladder polymers from substituted tetraphosphonitriles Quarterly progress report, Dec. 1966 - Feb. 1967	1967
19670018188	Nomogram for the Determination of the Lifetime of an Artificial Earth's Satellite	1967
19670018189	Contribution to the study of the relationships between solar and geomagnetic activities	1967
19670018198	Plane evolution of a satellite's elliptical orbit under the influence of a lateral disturbing force	1967
19670018202	Literature search on the manufacture of layers of molybdenum, tungsten, and rhenium by thermal decomposition of their carbonyls or reduction of volatile halides	1967
19670018203	Effect of the process of ionization on the structure and state behind a shock wave in a magnetic field	1967
19670018204	Beyond the door is an unknown planet	1967
19670018205	Transmission of concentrated stresses to a thin walled shell	1967
19670018206	Design of the cylindrical shell for cyclic loading	1967
19670018207	Laminar boundary layer on blunt bodies, allowing for vorticity of the external stream	1967
19670018208	Methods for prevention of heating of an absorbent by infrared radiation in studies on the spectra of absorbed molecules	1967
19670018210	Diffusion in a multiple component gas mixture	1967
19670018232	Production of positrons bombardment of thick foils fast electrons	1967
19670018235	The Stresses and Form Changes with Rectangular Cross Sections	1967
19670018238	Halite thermometer for X-ray investigation of substances in the temperature interval from 77 to 1037 deg K	1967
19670018240	On the optimal stabilization of the rotating motion of a solid with a fixed point by means of flywheels	1967
19670018242	Environmental testing of contaminant producing materials from the integrated life support system	1967
19670018247	Methods of data reduction for the OPEP AIRGLOW photometer on OGO-II	1967
19670018248	Has the earth's crust changed with time /ques/ Rare-earth abundances in ancient sediments	1967
19670018249	Some effects of MeV electrons on the OGO II /POGO/ airglow photometers	1967
19670018250	A method of calculating interplanetary trajectories	1967
19670018251	Lunar orbiter I. Volume VI - Appendices Final report	1967
19670018272	Microwave driven magnetic plasma accelerator studies /Cyclops/ Final report, 28 Feb. 1966 - 27 Feb. 1967	1967
19670018281	A multimodulus elasticity theory	1967
19670018289	Fluid amplifier state-of-the-art report. Volume II-A - Bibliography	1967
19670018304	Pressure regulator. Johnson Service Company part number R-970, NASA drawing numbers 75MO4406 PPR-5 and 75MO4406 PPR-6 Test report	1967
19670018312	A treatment of the mu-bias Interim report	1967
19670018326	Preliminary technical data for earth orbiting space station. Volume I - Summary report	1967
19670018327	Terrestrial multispectral photography	1967
19670018329	Magnetic chart of the Brazilian anomaly	1967
19670018330	The future potentials of navigation satellites	1967
19670018331	Evaluation of the breadboard microwave meteorological radiometer and scanning antenna	1967
19670018332	The Cauchy-integral root-finding method and the plasma loss-cone instability	1967
19670018333	Theoretical and experimental investigation of collective microwave phenomena in solids Semiannual status report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670018334	A reformulation of the cosmic ray solar modulation problem	1967
19670018336	The analysis of structurally orthotropic shells by means of the compliance method Progress report	1967
19670018347	Space and technology transfer program Annual report	1967
19670018348	Identification of linear stochastic dynamical systems by nonlinear weighting of noisy measurements	1967
19670018349	A technique for testing heart function by analysis of its vibration spectrum Progress report, 31 Dec. 1966 - 31 Jun. 1967	1967
19670018350	Measurement of stroke volume by the vibrocardiogram	1967
19670018351	Optimization of the performance of a polyurethane adhesive system over the temperature range of minus 423 deg F to plus 200 deg F Annual summary report, 14 May - 14 Feb. 1967	1967
19670018377	Glass transition phenomena Semiannual status report	1967
19670018396	Radar analysis of Project Warm Rain, Hilo, Hawaii - Summer, 1965 Final scientific report	1967
19670018413	Surveyor Project	1967
19670018414	Mariner Venus 67 Project	1967
19670018415	Mariner Mars 1969 Project	1967
19670018416	DSN Capabilities and Facilities	1967
19670018417	DSIF Development and Operations	1967
19670018892	Optimal acoustic environment for spacecraft cabins	1967
19670018893	Viability of microorganisms in the desert soils of Turkmenia	1967
19670018894	Coacervates and enzymes Protein- carbohydrate coacervates and beta-amylase	1967
19670018895	What does zodiacal light consist of /ques/	1967
19670018896	The interrelation of small bodies of the solar system	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670018898	Investigating the possibility of obtaining Stellite powder	1967
19670018899	Determination of the radiants, altitudes and velocities of meteors observed in Kiev in 1959	1967
19670018900	Determination of the masses and densities of meteoric bodies by photographic observations	1967
19670018901	Motion of a plasma jet across a nonuniform transverse magnetic field	1967
19670018964	Nonlinear Theory of Wings of Small Aspect Ratio	1967
19670018967	Steady-state performance of a seven-tube NaK-cooled potassium condenser	1967
19670019036	Momentum transfer to solid surfaces by N2 molecules at satellite velocities	1967
19670019037	Study to develop a technique for measurement of high altitude ozone parameters Interim report	1967
19670019050	Launch vehicle optimization study Final report	1967
19670019350	An electrolytic damping resistor for the microparticle accelerator Final report	1967
19670019351	Investigations of gas bearing compressibility number and pivot flexure in tilting pad bearings Final report	1967
19670019403	UTKU/Schmele paraboloid RMS best-fit program	1967
19670019407	Computer programs for antenna feed systems design and analysis. Volume II - Program listings	1967
19670019416	One and two-dimensional steady state low pressure discharge theory Summary report II	1967
19670019432	Fundamental studies on semiconductor radiation detectors Annual status report, 1 Mar. 1966 - 28 Feb. 1967	1967
19670019450	Design, Development, and Delivery of 75-VA Integrated Static Inverter Final Report, Apr. 1965 - Apr. 1967	1967
19670019451	The basis of scientific choice or on criteria for public support of science and technology	1967
19670019458	Bibliography on applications of ethylene oxide	1967
19670019460	Design criteria for lightly loaded inflated structures in a near-planetary atmosphere	1967
19670019461	Gimbal position converter Final report	1967
19670019505	Study crack initiation phenomena associated with stress corrosion of aluminum alloys Quarterly report, 26 Dec. 1966 - 25 Mar. 1967	1967
19670019509	Propagation and dispersion of hydromagnetic and ion cyclotron waves in plasmas immersed in magnetic fields Semiannual status report, 15 Jul. 1966 - 14 Jan. 1967	1967
19670019547	On the analysis and synthesis of control systems using a worst case disturbance approach	1967
19670019578	The scale size of scintillation-producing irregularities in the auroral ionosphere	1967
19670019606	Investigation of the reinforcement of ductile metals with strong, high modulus discontinuous, brittle fibers Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19670019608	Fundamentals of the oxidation protection of columbium and tantalum Semiannual report, 1 Oct. 1966 - 1 Apr. 1967	1967
19670019609	Investigations of electron emission characteristics of low work function surfaces Quarterly report, 28 Sep. - 27 Dec. 1966	1967
19670019610	Investigation of the equatorial anomaly of the ionosphere in the east asiatic zone of the Pacific Ocean	1967
19670019674	Study of a family of diffusers for low Reynolds number hypersonic wind tunnels	1967
19670019675	Economic aspects of technical and scientific information /report to the Minister of the Budget on the meeting held by a work group of the OCSE/	1967
19670019680	The vibration modes and eigenfrequencies of conical /and cylindrical/ shells	1967
19670019681	A self-similar solution to the problem of the expansion of a cylindrical column of conducting gas in a longitudinal magnetic field	1967
19670019683	Device for measuring the temperature of a gas flow	1967
19670019685	Investigation of the changes of the rotation-vibration spectrum of certain simple molecules during dissolution	1967
19670019690	Assembly for determining the temperature dependence of the thermal conductivity coefficient, thermal EMF, and specific electrical resistance of cermet materials	1967
19670019692	The French Space Program	1967
19670019812	Space programs summary 37-44, vol. IV FOR the period February 1, 1967 to March 31, 1967. Supporting research and advanced development	1967
19670019813	Systems analysis	1967
19670019814	Computation and analysis	1967
19670019815	Spacecraft power	1967
19670019816	Spacecraft control	1967
19670019817	Guidance and control research	1967
19670019818	Materials	1967
19670019819	Applied mechanics	1967
19670019820	Electronics parts engineering	1967
19670019821	Lunar spacecraft development	1967
19670019822	Solid propellant engineering	1967
19670019823	Polymer research	1967
19670019824	Research and advanced concepts	1967
19670019825	Liquid propulsion	1967
19670019826	Lunar and planetary instruments	1967
19670019827	Space instruments	1967
19670019828	Science data systems	1967
19670019829	Lunar and planetary sciences	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670019830	Bioscience	1967
19670019831	Fluid physics	1967
19670019832	Physics	1967
19670019833	Communications systems research	1967
19670019834	Spacecraft telemetry and command	1967
19670019835	Spacecraft radio	1967
19670019838	Asymptotic methods in the theory of linear differential equations	1967
19670019846	Aerodynamic characteristics of two 20 percent thick, rectangular wings up to 90 deg angle of attack at subsonic, transonic, and supersonic speeds	1967
19670019847	Welding of precipitation-hardening stainless steels	1967
19670019848	Surface treatments for precipitation- hardenable stainless steels	1967
19670019849	Investigation of computer-aided circuit design. Part I - Synthesis of distributed systems. Part II - Signal flow graph approach to computer-aided design Semiannual report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670019850	Welding of stainless steels	1967
19670019876	Space Biology and Medicine	1967
19670019912	The effect of space-flight factors on functions of the central nervous system	1967
19670019931	A selected listing of NASA scientific and technical reports for 1966	1967
19670019990	Application of the characteristics method to numerical solution of unidimensional problems in gas dynamics	1967
19670020026	Supersonic gas flow around blunt bodies - Theoretical and experimental investigations	1967
19670020096	Continuation of the investigation of the reaction of titanium with hydrogen	1967
19670020104	Daily Response of the Upper F Region to Changes in Upper Atmospheric Temperature and Geomagnetic Activity	1967
19670020106	Study of methods of enhancing the visibility of rocket smoke trails Final report	1967
19670020107	Electrochemical characterization of non-aqueous systems for secondary battery application Quarterly report, Feb. - Apr. 1967	1967
19670020108	The making of stainless steel shapes by casting and powder metallurgy	1967
19670020109	Advanced study on optical communications from deep space /extension/ Final technical documentary report, 12 Aug. 1966 - 12 Mar. 1967	1967
19670020232	The continental shelf and some problems of scientific and industrial research	1967
19670020233	The continental shelf and some problems of scientific and industrial research, part I	1967
19670020234	The continental shelf and some problems of scientific and industrial research Part II	1967
19670020236	Recent Developments in Cybernetics - USSR	1967
19670020237	Speech recognition machine developed by two Kiev scientists	1967
19670020238	Applications of cybernetic modeling in medicine and sociology	1967
19670020251	Telemetry data interpolation program for OGO C and D experiment 19 Users manual	1967
19670020654	The Environment of Venus: A Discussion of its Atmosphere and Surface	1967
19670020656	Analysis and design of space vehicle flight control systems. Volume I - Short period dynamics	1967
19670020660	Macro and micro structure of the interplanetary magnetic field	1967
19670020662	The iron meteorites, their thermal history, and parent bodies	1967
19670020663	An analysis of Alouette I plasma resonance observations	1967
19670020667	Development of a long life thermal cell Status report no. 1	1967
19670020668	System safety handbook	1967
19670020671	Feasibility investigation of expandable structures module for orbital experiment - Artificial G	1967
19670020672	Influence of the Earth's Magnetic Field on the Propagation of Ultralong Waves Around the Earth	1967
19670020676	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components Quarterly report, Jan. 1 - Mar. 31, 1967	1967
19670020679	Metallurgical analysis of engine fairing stage attach fitting, 60B16081 failure	1967
19670020680	Iriditing of 60B32066 bonds	1967
19670020686	Distribution of Masses in Galaxies According to Data on Radial Velocities	1967
19670020692	A study of pion and muon beam transport systems for a 600 MeV synchrocyclotron Semiannual status report, 6 Aug. 1966 - 6 Feb. 1967	1967
19670020693	A full mission simulation scenario in support of SST crew factors research Final report	1967
19670020701	Polar cap absorptions and associated solar-terrestrial events throughout the 19th solar cycle	1967
19670020702	The influential aspects of atmospheric disturbances on space vehicle design using statistical approaches for analysis	1967
19670020712	Reflection factor from the plane-stratified medium of lunnite for various angles of incidence of electromagnetic waves	1967
19670020713	On the design of specific optimal controllers	1967
19670020714	UPLAZ. A program to calculate the composition of an uranium plasma	1967
19670020727	Test report for relief valve 1 and 1/2 by 2 inch, 300 psig	1967
19670020733	Convection and stress propagation in the upper mantle	1967
19670020735	Differential-boundary equations and associated boundary value problems	1967
19670020740	Test report for check valve, 12-inch, Mission Valve and Pump Company part number 12 Amp-246, NASA drawing number 75M04406 PCV-4	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670020742	Test report for pressure regulator, Marotta Valve Corporation part number 230844-2, model number RV74EB, NASA DRAWING number 75M06302	1967
19670020743	Radar studies of the moon Quarterly progress report, period ending 15 May 1967	1967
19670020748	Part I - High temperature equilibria and condensation. Part II - Solar wind interaction with solids	1967
19670020807	Development of instrumentation for measurement of bone density Phase I report	1967
19670020808	Study of control computers for control moment gyro stability and control systems. Volume II - Simulation	1967
19670020812	The Nimbus D Versatile Information Processor /VIP/ satellite system	1967
19670020813	Tube-launched rocket performance	1967
19670020815	Nonlinear heat transfer and temperature distribution through fins and electric filaments of arbitrary geometry with temperature-dependent properties and heat generation	1967
19670020823	Study of navigation and guidance of launch vehicles having cruise capability. Volume 2 - Trajectory parametric and optimization studies Final report, 10 Jun. 1966 - 10 Mar. 1967	1967
19670020824	V/STOL jet operations research airplane design study Conceptual design study report	1967
19670020825	Analysis of a gas bearing system with shaft damping for stability Final report, 6 Jun. 1966 - 6 Jan. 1967	1967
19670020827	Introduction to the theory of flight of artificial earth satellites	1967
19670020829	Development of electroforming techniques for the fabrication of injectors Final report, 21 Jun. 1966 - 21 Apr. 1967	1967
19670020832	Study of navigation and guidance of launch vehicles having cruise capability. Volume 4 - Detailed studies of two selected navigation- guidance concepts Final report, 10 Jun. 1966 - 10 Mar. 1967	1967
19670021001	Extraterrestrial civilizations	1967
19670021010	Radio communication with extraterrestrial civilizations	1967
19670021294	Geopotential versus geometric altitude from 0 to 10,000 kilometers for various latitudes	1967
19670021295	Planetary meteorology Final report	1967
19670021361	Radiation from oscillating magnetic dipole in a streaming plasma	1967
19670021362	Radiation from an oscillating magnetic dipole in a streaming plasma	1967
19670021406	Field infrared analysis of terrain Semiannual report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670021407	Research program on tools for future manned space flights, phase I Final report	1967
19670021412	Producing excited electronic levels in oxygen by the beam-foil method	1967
19670021413	Wolftrap Mars microbe detection device Final report	1967
19670021415	Study of navigation and guidance of launch vehicles having cruise capability. Volume 3 - Alternate navigation-guidance concepts, Phase I Final report	1967
19670021423	Research on microbiological sterilization problems, April - June 1967	1967
19670021439	Computer programs for the plastic analysis of structures using discrete element methods	1967
19670021447	Research into advanced concepts of microwave power amplification and generation utilizing linear beam devices Semiannual status report	1967
19670021448	The molecular biology of nitrogen fixing nodules in common legumes Semiannual report	1967
19670021450	On a unified convergence theory for a class of iterative processes	1967
19670021451	A study of the introduction of ions into the region of strong fields within a quadrupole mass spectrometer Quarterly progress report, 17 Feb. - 17 May 1967	1967
19670021452	An unstable nonlinear integrodifferential system	1967
19670021455	Diagnostic studies of weather systems of low and high latitudes /Rossby number less than 1/ Final report, 30 Nov. 1964 - 30 Nov. 1966	1967
19670021485	Systems approach - Part III	1967
19670021503	S3 data processing system study	1967
19670021506	SNAP-8 materials report for July - December 1966	1967
19670021531	A study of simulation-aided engineering design	1967
19670021533	Preparation of platinum-free silver halide electrodes	1967
19670021553	Optimum mixing of gyroscope and star tracker data	1967
19670021554	A study of longitudinal oscillations of propellant tanks and wave propagations in feed lines. Part II - Longitudinal oscillation of a liquid-filled elastic cylindrical tank with a flexible inverted conical bulkhead	1967
19670021556	Cluster expansions in many-fermion theory. I. "Factor-cluster" formalisms	1967
19670021561	Decay of Molecular Hydrogen Ions in Collisions with Thermal Electrons	1967
19670021562	Peculiarities of Dispersion of Proton Whistlers Detected on AES "injun-3" and "alouette-1"	1967
19670021563	Topology of the Geomagnetic Field at 3 to 7 Earth's Radii According to Data of "Elektron-2"	1967
19670021567	Tabulations of atmospheric density, temperature and pressure from 437 rocket and optical-probe soundings during the period 1947 to early 1965	1967
19670021579	Equivalence of PLL systems and a discriminator followed by a non-linear feedback filter	1967
19670021587	The effect of isolation in a constant environment on periodicity of physiological functions and performance levels Interim report	1967
19670021591	Creep at elevated temperatures and high vacuum Semiannual report	1967
19670021614	Stability of solutions to partial differential equations Semiannual status report, Nov. 1, 1966 - Apr. 30, 1967	1967
19670021687	Theory of stellar spectra	1967
19670021722	Higher order perturbation energies for the 2-electron Hooke's model atom	1967
19670021730	Suggested measurement/instrument requirements for lunar orbiter Block III	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670021731	Metabolic fractionation of carbon isotopes in marine plankton. Part I - Temperature and respiration experiments	1967
19670021733	Fan beam navigation satellite study volume I - Summary	1967
19670021748	Optimization problems solved by Lie-series - Soft landing on the moon with fuel minimization	1967
19670021763	The deflection of charged particles by a current-carrying plasma	1967
19670021779	Jupiter's red spot in 1965-66	1967
19670021780	Reception of Dispersed Barker Codes	1967
19670021782	Test report for Globe Valve, 1 1/2-inch, 100 psig, pneumatically operated, Annin Company model number 1760-1501bASA, NASA drawing number 75M13138 HCLV-3	1967
19670021790	Base line study of environment conditions Final report	1967
19670021792	Diurnal density variations near the mesopause	1967
19670021797	Errors in measuring the fluctuating flow at the discharge of an inducer	1967
19670021798	The strong quantum limit of the relaxation time and shear viscosity of a gas of loaded sphere molecules	1967
19670021801	Thermal radiation property measurement techniques	1967
19670021807	Heat sterilizable, high impact resistant cell development Annual report, 24 Sep. 1965 - 31 Dec. 1966	1967
19670021815	The number of topologies on n points	1967
19670021821	The structure of correlation amplitudes in many-fermion systems	1967
19670021822	Development of compressor end seals stator interstage seals, and stator pivot seals in advanced air breathing propulsion systems Semiannual report, 1 Jul. - 31 Dec. 1966	1967
19670021831	Estimated Ion Mobilities for Some Air Constituents	1967
19670021832	The determination of empirical and analytical spacecraft parametric curves - Theory and methods Final progress report	1967
19670021845	Improved separators for silver oxide-zinc and silver oxide-cadmium cells for spacecraft application	1967
19670021847	Development of new microspectrophotometric instrumentation Progress report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670021860	Use of the Fabry-Perot interferometer in the determination of the instrumental function of a spectrographic device	1967
19670021862	A study of internal magnetic fields for high energy forming and structural assembly, April 1, 1966 thru June 30, 1967	1967
19670021869	Some problems of measuring current velocity by the Doppler method	1967
19670021874	A Chebyshev method for the numerical solution of the one-dimensional heat equation	1967
19670021884	Bubble formation and growth. Study of the boundary conditions at a liquid-vapor interface through irreversible thermodynamics Quarterly progress report, Mar. - May 1967	1967
19670021889	Theoretical and experimental studies of sub-optimal second and third generation self- adaptive binary communication systems Semiannual report, 1 Jan. - 30 Jun. 1967	1967
19670021903	Design, test, and application of a high-speed iterative differential analyzer	1967
19670021910	A monopulse tracking scheme for a phased array antenna	1967
19670021912	Problems in reactor shielding physics - Collection of articles	1967
19670021960	Interpretation of telemetered physiological response Semiannual status report	1967
19670021965	The circulation under exposure to acceleration. X-ray photography on monkeys	1967
19670021976	Parametric analysis of microwave and laser systems for communication and tracking Quarterly report, 6 Dec. 1966 - 6 Mar. 1967	1967
19670021988	Theory of electrolytic reduction of chromic acid	1967
19670021994	Mass transfer cooling in nitrogen and carbon-dioxide gas streams Final report	1967
19670021995	Internal coordinates for the H plus - H problem	1967
19670022008	Space related biological and instrumentation studies Annual report, Mar. 1966 - Mar. 1967	1967
19670022011	SUPER-FLICKERS - an On-line Data Acquisition System for the PDP-8	1967
19670022012	Development of a 1000-watt multi-output power conditioner for control of mercury-ion electric thruster engines Summary report	1967
19670022013	Management techniques - A bibliography	1967
19670022022	Preliminary observations of meteor impacts on the lunar surface Final report	1967
19670022026	ATS-4 GSFC concept design study	1967
19670022027	A review of the Mariner IV results	1967
19670022038	Mechanical breakdown of oriented solids under time dependent loads	1967
19670022048	Development of manufacturing processes for precision seamless stainless steel tubing Final report	1967
19670022069	Brain amino acids and biogenic amines under various atmospheric mixtures Semiannual report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670022087	Critical evaluation and compilation of viscosity and diffusivity data Semiannual status report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670022088	Computer program for design of multistage axial-flow compressors	1967
19670022094	Big Hoop and Little Hoop - Two Peter T. Hooper routines for checking the data break on a PDP-8	1967
19670022097	Understanding of communication channels and sources to use in the development of reliable, efficient communication techniques Semiannual status report, Nov. 1, 1966 - Apr. 30, 1967	1967
19670022103	Measurement and Display of Control Information /remote Manipulation and Manual Control/ Progress Report, Oct. 1, 1966 - Mar. 31, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670022110	Handbook of the physical properties of the planet Venus	1967
19670022117	Investigation of optimization of attitude control systems Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670022130	Evaluation program for secondary spacecraft cells - Acceptance test of Gulton Industries Incorporated 6.0 ampere-hour adhydrode cells	1967
19670022131	Non-dissipative dc to dc regulator-converter study Final technical report, 15 Jun. 1964 - 31 Mar. 1967	1967
19670022146	Biological sciences communication project Progress report, Apr. 1 - Jun. 30, 1967	1967
19670022154	A survey of thermodynamic properties of the compounds of the elements CHNOPS Progress report, 1 Jan. - 31 Mar. 1967	1967
19670022164	Plastic deformation and recrystallization of refractory compounds	1967
19670022166	Variational methods for solving heat conduction problems Final report, 15 Apr. 1965 - 15 Apr. 1967	1967
19670022181	Investigation of supercurrent instabilities in type II superconductors Final report	1967
19670022186	Low magnetic field aerospace memory Final report	1967
19670022206	Gas-pressure bonding of beryllium gyro and stabilized platform components Final report, 1 Jan. 1966 - 31 May 1967	1967
19670022208	The reorientation of a human being in free fall	1967
19670022214	A proposed model for the International Geomagnetic Reference Field - 1965	1967
19670022221	Low energy cosmic ray composition and energy spectra measured in June, 1965	1967
19670022244	Properties of vacuum-deposited thin-film nichrome resistors	1967
19670022250	Optical memory with ferrimagnetic storage elements	1967
19670022312	Electrophysiological correlates of vigilance and learning Progress report, Jul. 1966 - 31 May 1967	1967
19670022327	On the passage of low frequency electromagnetic waves through the ionospheric plasma	1967
19670022392	Analysis of a rotating plasma experiment	1967
19670022395	Tasks 1 and 2 Monthly progress report, 3 Apr. - 3 May 1967	1967
19670022396	Nutritional requirements and breeding behavior of peroganthus Semiannual progress report, Jan. 1 - Jun. 30, 1967	1967
19670022404	The effect of electromagnetic and magnetic fields on the central nervous system	1967
19670022411	On the regions of impossibility of motions in the problem of three bodies	1967
19670022413	Sodium vapor experiment Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670022414	Put-5 and take-5 - Two magnetic tape systems routines for the PDP-8	1967
19670022477	Comments on "limiting velocity for a rotating plasma"	1967
19670022486	Ultraweak luminescence accompanying biochemical reactions	1967
19670022490	Process techniques study of integrated circuits Quarterly report	1967
19670022491	The melting of gabbro up to 45 kilobars	1967
19670022492	Structural mechanics of deformation and fracture Quarterly progress report	1967
19670022503	Manned Mission Photovoltaic Power System Study. Volume II - Technical discussion	1967
19670022508	Manned Mission Photovoltaic Power System Study. Volume III - Supporting documentation	1967
19670022511	PCM telemetry data compression study, phase II Final report, 25 Aug. 1965 - 25 Dec. 1966	1967
19670022513	Risk estimating techniques for unmanned space missions - An exploratory study Final report	1967
19670022516	Development of multilayer epitaxy for high reliability transistors Final report, Jul. 1966 - Mar. 1967	1967
19670022518	An attempt to correlate bimodal fatigue endurance distributions in OFHC copper with Wood's H, F, and S ranges	1967
19670022519	Investigation of azimuthal inhomogeneity of plasma in a homopolar	1967
19670022523	D region electron density measurements during the solar eclipse of May 20, 1966	1967
19670022524	Ionospheric characteristics from altitude variations of positive ion densities	1967
19670022525	On the Ionized Laminar Boundary Layer Equations	1967
19670022527	Improved cryogenic resin/glass filament wound composites Final report, 29 Jun. 1965 - 29 Mar. 1967	1967
19670022545	Physiological and psychological performance of highly motivated scientific personnel in a severe environment	1967
19670022654	Effect of motion on the altitude distribution of atmospheric density Scientific report	1967
19670022659	On the Possibility of Investigation of Primary Cosmic Radiation by Tracks of Nuclear Particles in Meteorites and Tektites	1967
19670022661	Observation of Type-III Radiobursts on AIS "VENERA-2"	1967
19670022695	Stadan Study. Fundamental sensitivity limits due to propagation medium inhomogeneities Final report	1967
19670022699	Higher order scattering in the twilight sky zenith	1967
19670022700	Compatible Automated Library Circulation Control Systems	1967
19670022757	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670022758	A maximization problem in the theory of partitions	1967
19670022762	Design and fabrication of a deployable large area solar cell array supporting structure Final report	1967
19670022763	The reactions pertaining to zinc-silver and cadmium-silver batteries Quarterly report	1967
19670022769	Single stage experimental evaluation of slotted rotor and stator blading. Part VI - Data and performance for stator 1 and flow generation rotor	1967
19670022774	Analysis of human Korotkov sounds Semiannual status report	1967
19670022783	Evaluation of the blast parameters and fireball characteristics of liquid oxygen/ liquid hydrogen propellant Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670022784	Flow of a viscous fluid between fixed and blown rotating disks	1967
19670022785	MHD boundary layers involving non-equilibrium ionization Quarterly report, 25 Jan. - 24 Apr. 1967	1967
19670022786	Measurement of upper atmospheric ionization and winds with a combined payload Final report	1967
19670022788	A comparison of fixed ratio and variable ratio punishment with and without a warning signal	1967
19670022794	A new method of approaching the design of sounding rockets	1967
19670022803	On nonlinear drift waves in a plasma	1967
19670022817	Static aerodynamic characteristics of a 1/9- scale model of the escape and exit configurations of the Project Mercury spacecraft at Mach numbers from 2.30 to 4.65	1967
19670022818	Design guide for pressurized gas systems, volume II	1967
19670022822	Replica grating study Interim report, Phase II, 1 Dec. 1966 - 1 Jul. 1967	1967
19670022849	Photovoltaic effect and utilization of photovoltaic cells Fourth semiannual report, 1 Jan. - 30 Jun. 1967	1967
19670022945	A geometric treatment of the problem of source encoding a Gaussian random variable	1967
19670022974	A day-night high resolution infrared radiometer employing two-stage radiant cooling Quarterly report, 1 Oct. 1966 - 1 Jan. 1967	1967
19670022982	Chronological abstract listing, Russian - French, scientific literature Second quarter, 1967	1967
19670022988	Certain aspects concerning oxygen metabolism of the body exposed to prolonged accelerations	1967
19670022993	Parametric Analysis of Microwave and Laser Systems for Communication and Tracking	1967
19670023002	Study of sleep characteristics under conditions of simulated manned space flight	1967
19670023007	Operation plan 18-67 Office of Naval Research/Rice University satellite Aurora-1	1967
19670023009	Solar probe with Burner II propulsion modulus	1967
19670023033	Study of the work and rest cycles of test subjects exposed to relative isolation	1967
19670023040	Spacecraft attitude control gas systems analysis Final report	1967
19670023044	The transfer of NASA technology to other federal agencies Interim progress report, 21 Dec. 1966 - 21 Mar. 1967	1967
19670023045	Assembly/sterilizer facility feasibility program Final report, volume II - Appendices	1967
19670023046	Compendium of notes for the 1967 N.A.S.A. summer institute	1967
19670023047	Solar electric space mission analysis Progress report, 1 Jan. - 31 Mar. 1967	1967
19670023050	Electrochemical data. Part VII - Electrolytic conductivity of aqueous solutions of hydromic acid Quarterly report, 1 Mar. - 30 Jun. 1967	1967
19670023064	Buoyant Venus station feasibility study. Volume VI - Technical analysis of a 2000 and 5000 lb. BVS Final report	1967
19670023070	Natural environment design criteria guidelines for MSFC Voyager spacecraft for Mars 1973 mission	1967
19670023071	The crystal structure of dibenzothiophene sulfone	1967
19670023143	Leak Detection Technique Improvement Study for Space Vehicles Interim Report	1967
19670023161	The permeabilities of an elastomer, a low density epoxy and a low-density phenolic- nylon char Final report	1967
19670023192	A study of data requirements, system constraints, operational methodology and data analysis techniques for a 15-micron horizon radiance measurement experiment	1967
19670023228	Technology and urban management Semiannual report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670023233	The design of a three-stage potassium test turbine. Volume I - Fluid design	1967
19670023243	Definition of experiment program in space operations, techniques and subsystems. Addendum 1 - Design, breadboard and testing of an experimental grappling manipulator and controller Final report	1967
19670023246	Dimensional change of stellite 6B during phase transformation from face-centered cubic to hexagonal close-packed crystal structure	1967
19670023249	Cavitation-erosion characteristics of selected materials in mercury at 500 deg F	1967
19670023250	General multiplexing theory Semiannual progress report	1967
19670023265	Radiometry progress first trimester, 1967	1967
19670023466	Observations of the polar ionosphere in the altitude range 2000 to 3000 km by means of satellite borne electron traps	1967
19670023522	Analytical and experimental determination of localized structure to be used in laboratory vibration testing of shell structure-mounted components, Saturn V Final report, Apr. 1965 - Jul. 1967	1967
19670023557	Satellite cyclotron harmonic resonances	1967
19670023575	Study of structural weight sensitivities for large rocket systems. Volume 2 - Detailed analysis and results Final report	1967
19670023610	Study of structural weight sensitivities for large rocket systems. Volume 1 - Summary Final report	1967
19670023664	Physical limitations of life Final report, Jun. 1965 - Jul. 1967	1967
19670023682	Propulsion system dynamic simulation user's manual	1967
19670023692	Development of high-performance light- weight electrodes for hydrogen-oxygen fuel cells Semiannual report, 1 Jul. 1966- 31 Dec. 1966	1967
19670023695	High order collision integrals Final report	1967
19670023754	Investigation in and research of aerospace related microwave technology Final report, 1 Jan. 1965 - 31 Oct. 1966	1967
19670023819	Fluorine-hydrogen performance evaluation - Phase 1, part II - Nozzle performance analysis and demonstration Final report	1967
19670023830	Introduction to medical cybernetics	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670023904	Educational monograph - An example of compensation network design prepared from wide band phase distortion equalization	1967
19670023905	Educational monograph prepared from controller design for nonlinear and time- varying plants	1967
19670023916	Fortran IV programs to determine surface roughness in topography for the CDC 3400 computer	1967
19670023942	Leak detection technique improvement study for space vehicles Annual report, 7 Apr. 1965 - 8 Jan. 1967	1967
19670023958	Fritting of refractory materials	1967
19670024066	A statistical approach to the theory of interfacial conductivity I	1967
19670024068	Synthesis of minimal sensitivity sampled- data control systems	1967
19670024111	Effect of canards in reducing launch vehicle flight loads	1967
19670024130	Educational monograph prepared from method for estimating ratio of absorptance to emittance	1967
19670024146	Acceleration factor determination for metal film resistors Final report, 29 Jun. 1963 - 1 Mar. 1967	1967
19670024164	Provisional hourly values of equatorial Dst for 1961, 1962, and 1963	1967
19670024165	Educational monograph prepared from design of time-weighted minimum energy discrete-data control systems	1967
19670024236	The development of dispersion-strengthened nickel-molybdenum non-oxidation- resistant alloys Summary report	1967
19670024240	Impurities and interface states in the SiO ₂ /Si system Semi-final report	1967
19670024246	Stress-corrosion cracking resistance of an 18 Ni 200 grade maraging steel base plate and weld	1967
19670024250	Aircraft preliminary design report V/STOL JET operations research airplane design study. Volume III - Substantiating technical data	1967
19670024251	A study of electronic packages environmental control systems and vehicle thermal systems integration. Volume III - Technical report Final report	1967
19670024255	Lunar orbiter II. Volume VI - Appendices	1967
19670024256	Study of fluid transients in closed conduits	1967
19670024264	Research Areas in the School of Electrical Engineering of Purdue University Fifth Semiannual Research Summary, Jul. - Dec. 1966	1967
19670024372	Analytical and experimental study of porous metal ionizers Final report	1967
19670024375	A Study of Electronic Packages Environmental Control Systems and Vehicle Thermal Systems Integration Final Report	1967
19670024378	Study of utilizing energy beams in the fabrication of semiconductor devices Final report	1967
19670024391	A Strong X-Ray Source in the Vicinity of the Constellation Crux	1967
19670024403	An ozone measurement in the stratosphere and lower mesosphere by means of a rocket sonde	1967
19670024412	Proportional counter filled with a mixture of xenon and isopentane	1967
19670024428	Simultaneous occurrence at conjugate points of class Pc-1 micropulsation bursts	1967
19670024496	Part I - Aircraft preliminary design report V/STOL jet operations research airplane design study - Sections I to V	1967
19670024497	Part II - Aircraft preliminary design report V/STOL jet operations research airplane design study - Sections VI to XI	1967
19670024504	Educational monograph prepared from a general method for automatic computation of equilibrium compositions and theoretical rocket performance of propellants	1967
19670024505	The electric automobile - A discussion of strategy, tactics, and leadership	1967
19670024506	Educational monograph critical flow of real gases through nozzles prepared from real-gas effects in critical-flow nozzles and tabulated thermodynamic properties	1967
19670024538	Features of planetary distribution of ozone according to observation from AES	1967
19670024540	Biomagnetism and ferritin Semiannual report	1967
19670024544	The Stability of Eccentrically Stiffened Circular Cylinders. Volume III - Buckling of Longitudinally Stiffened Cylinders, Axial Compression	1967
19670024563	A new digital attenuator system for hybrid computers	1967
19670024564	Lunar orbiter II. Volume III - Mission system performance	1967
19670024576	Infrared astronomy - A 20 year projection	1967
19670024631	Educational monograph prepared from formulas for radiant heat transfer between nongray parallel plates of polished refractory metals	1967
19670024641	Development of high temperature cobalt- base alloys for application as jet engine stator vanes Summary report, 1 Jun. 1965 - 20 May 1967	1967
19670024660	Preliminary design for a Multi-Spectral Tracking Telescope /MSTI/	1967
19670024664	Regional technology transfer program Quarterly progress report, 1 Apr. 1967 - 30 Jun. 1967	1967
19670024667	Experimental techniques for analyzing visual detection probability of objects in space Semiannual status report	1967
19670024692	Hypothermic suspended animation Final report	1967
19670024864	The digital subunit of Sunblazer	1967
19670024889	Combustion processes in a bipropellant liquid rocket engine - A critical review	1967
19670024945	A program for listing of OGO attitude orbit tapes	1967
19670024974	Scalar and vector Helmholtz integrals in scattering of plane waves by one-dimensional rough surfaces	1967
19670025065	Sliding friction of some members of the platinum metals group	1967
19670025130	Non-equilibrium properties of magnetoplasmas Semiannual status report, Sep. 1, 1966 - Feb. 28, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670025133	Research in and application of modern automatic control theory to nuclear rocket dynamics and control Semiannual progress report	1967
19670025134	Aircraft preliminary design report V/STOL JET operations research airplane design study. Volume I - Airplane specification for Northrop N-309 NASA V/STOL jet operations research airplane	1967
19670025160	Surface layer of the moon	1967
19670025218	Shells of positive Gaussian curvature under postcritical deformations. Part II - Loss of stability	1967
19670025219	Scientific Results of Project Pegasus Interim Report	1967
19670025266	Properties of nonaqueous electrolytes Quarterly report, 20 Mar. - 19 Jun. 1967	1967
19670025284	A mathematical model for a space vehicle thrust vector control system	1967
19670025300	Improved separators for silver oxide-zinc and silver oxide-cadmium cells for spacecraft application Quarterly report	1967
19670025330	Design of a three-stage potassium vapor turbine. Volume II - Mechanical design	1967
19670025340	Investigation of the reinforcement of ductile metals with strong, high modulus discontinuous, brittle fibers Quarterly report, 1 May - 31 Jul. 1967	1967
19670025342	A day-night high resolution infrared radiometer employing two-stage radiant cooling Quarterly report, 1 Jan. - 1 Apr. 1967	1967
19670025343	Materials evaluation for serviceability of optical glasses under prolonged space conditions Final report, Jul. 1965 - Jun. 1967	1967
19670025360	Hands-free, precision control for EVA - An exploratory study	1967
19670025365	Study of applications of a tracking filter to stabilize large flexible launch vehicles	1967
19670025375	Dynamic measurements of the electrical properties of metal oxides in high radiation fields at high temperatures Final report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670025377	Aircraft preliminary design report V/STOL JET operations. Research airplane design study. Volume II - Airplane specification for Northrop modified T-39A NASA V/STOL JET operations research airplane	1967
19670025394	Investigation of atraumatio techniques for monitoring cardio-vascular conditioning Annual report	1967
19670025401	Research on the Derivatives of Pyromellitic and Cumylic Acids	1967
19670025408	Heat sterilized nickel-cadmium cell electrical performance investigation Final report, phase III	1967
19670025410	Daytime observation of energetic auroral zone electrons	1967
19670025426	Aligned fields, magneto-fluid dynamic drag measurements with large interaction parameter	1967
19670025462	Physics of cellular synthesis, growth and division Status report, 1 Jan. - 30 Jun. 1967	1967
19670025506	Studies and analyses of space science problem related to the planning and directing of NASA lunar and planetary programs Annual summary report	1967
19670025581	Handbook of Thermal Design Data for Multilayer Insulation Systems	1967
19670025588	Identification of Chile Atacama desert soil isolants Progress report	1967
19670025592	MHD boundary layers involving non- equilibrium ionization Quarterly report, 25 Apr. - 24 Jul. 1967	1967
19670025595	The physical and chemical properties of human sweat and factors affecting the water balance in confined spaces Semiannual report, 1 Jan. - 30 Jun. 1967	1967
19670025667	A supersonic combustion test program utilizing gas sampling, optical and photographic measuring techniques Final report	1967
19670025668	Analysis and design of supersonic wing-body combinations, including flow properties in the near field. Part I - Theory and application	1967
19670025708	Thermodynamic Effects on Desinent Cavitation in Water	1967
19670025713	Problems of astrophysics	1967
19670025743	Establish and operate a regional dissemination center Quarterly progress report, 1 Apr. - 1 Jul. 1967	1967
19670025853	Handbook of the physical properties of the planet Mars	1967
19670025893	Examination of the chemistry involved in anodic oxidation of silver in the system - Silver-oxygen-inhibited glycol/water solution Final report	1967
19670025909	Compatibility of coordinate indexing of books with technical report literature for the NASA MSC mechanized retrieval system	1967
19670025922	Erasable memory investigations Final report	1967
19670025924	An analytical and experimental study of the two-phase flow of a high velocity vapor condensing in a tube, Part II	1967
19670025974	Aerospace related technology conference for industry and commerce	1967
19670025986	Earth Albedo Measurements: July 1963 - June 1964	1967
19670025987	Screening test 12566 for commercial power transistors	1967
19670025993	Study report for the development of techniques to automatically acquire the carrier of AM OR PM signals	1967
19670026008	Single stage experimental evaluation of slotted rotor and stator blading. Part V - Data and performance for slotted rotor 3- slotted stator 2	1967
19670026016	A survey of thermodynamic properties of the compounds of the elements CHNOPS Progress report, 1 Apr. - 30 Jun. 1967	1967
19670026017	On the analytic solution of the Schroedinger equation for the two-electron atom	1967
19670026019	Development of high temperature nickel-base alloys for jet engine turbine bucket applications Summary report, 1 Apr. 1965 - 31 May 1967	1967
19670026031	High resolution nighttime cloud-cover radiometer Quarterly report, Apr. 1 - Jul. 21, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670026039	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants Final report, 22 Jun. 1965 - 15 Jun. 1967	1967
19670026044	The reactions pertaining to zinc-silver and cadmium-silver batteries	1967
19670026047	Experimental evaluation of transonic stators preliminary analysis and design report	1967
19670026065	Large Area Solar Array Quarterly Report, Mar. 20 - Jun. 19, 1967	1967
19670026066	Vibration effects on heat transfer in cryogenic systems Annual report, 1 Jun. 1966 - 30 Jun. 1967	1967
19670026117	Diagnostic measurements in alpha /alkali plasma Hall accelerator/ Final report, 22 Feb. - 17 May 1967	1967
19670026119	Ranger launch vehicle integration summary	1967
19670026131	OSU lunar two-frequency experiment	1967
19670026132	Test report for relief valve, 1 inch by 2 inch, 300-PSIG Anderson Greenwood part number 2510D12/S modified	1967
19670026133	OSU lunar Doppler experiment	1967
19670026198	Computer programs for thermodynamic and transport properties of hydrogen	1967
19670026204	Identification of remote objects by means of scatterometry data and application to Pisgah Crater	1967
19670026313	Saturated hydrocarbon polymeric binder for advanced solid propellant and hybrid solid grain Quarterly report, Feb. 1 - Apr. 30, 1967	1967
19670026319	Tables of maximum energies of characteristic beta-decay	1967
19670026373	The propagation of disturbances in the infinitely wide foil bearing	1967
19670026382	The space oceanography project Status report, 1 Mar. - 1 Jun. 1967	1967
19670026454	LINC computer user-interactive programs and macro instructions	1967
19670026532	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation Semiannual status report, 1 Feb. - 1 Aug. 1967	1967
19670026533	Time domain analysis of impulse response trains	1967
19670026541	Development of a 100 watt S-band traveling- wave tube Quarterly report	1967
19670026545	Mantran - A symbolic language for supervisory control of an intelligent remote manipulator	1967
19670026586	Random Signal Radar Final Report	1967
19670026642	Theoretical and experimental studies relating to use of a linear accelerator for micrometeoroids Final report	1967
19670026647	Electronic spectra of crystalline NaCl and KCl	1967
19670026652	Hydrogen-oxygen electrolytic regenerative fuel cells, 1 February - 1 March 1967	1967
19670026658	Calibration valve, 1/4-inch, 600-psig, Sage Engineering and Valve Co. drawing number 2-9064C with probe drawing number 2-9074B, NASA drawing number 75M09618 PCVA-1 Test report	1967
19670026660	Ammonifying, nitrifying, and sulfur oxidizing capacity of Chile desert soils Progress report	1967
19670026674	The potential of radar as a remote sensor in agriculture - 1. A study with K-band imagery in western Kansas	1967
19670026688	Thermal design studies Final report	1967
19670026710	An application of Hirschfelder-Silbey perturbation theory to the H ₂ plus ion - A criticism of and correction to WIS-TCI-180	1967
19670026711	Paramagnetic resonance effect in viscoelastic materials Semiannual progress report, Jan. 1 - Jun. 30, 1967	1967
19670026759	Relief valve, 1 by 1 1/2-inch, 100-psig, Manning, Maxwell, and Moore model number 1970C special, NASA drawing number 75M17763 HRV-9 Test report	1967
19670026760	Check valve, 2-inch, 6000-psig, the Annin Co. drawing number A5094, NASA drawing number 75M14693 PCV-1 Test report	1967
19670026761	Pressure switch, Custom Components Switches, Inc. part number 8G46-1, NASA DRAWING number 10430405 Test report	1967
19670026775	Hand operated gate valve 3-inch, 150 - psig Alloy Products Company fig. C-217-EB, NASA drawing number 75M04047 HGV-1 TEST report	1967
19670026787	Sterilizable accelerometer Quarterly technical report, Feb. - Apr. 1967	1967
19670026792	Gate valve, manually operated, 6-inch, 150-pound Test report	1967
19670026794	Study of the cumulative effect of impact accelerations	1967
19670026816	Contraction coefficient of jets	1967
19670026848	Mathematical interrelationships in the size distribution of atmospheric aerosols above the continent	1967
19670026849	Hydrodynamics of the Critical Phase	1967
19670026851	Four-dimensional Hamiltonian Formalism of Ray Tracing in an Anisotropic Medium	1967
19670026852	Acclimatization	1967
19670026857	Batteries - For biotelemetry and other applications	1967
19670026858	A survey of in vivo energy sources	1967
19670026859	Universal formula for the mass ionization coefficients ι/ρ of X-rays and gamma- rays. Study of the continuous "technical" spectrum	1967
19670026893	Despinning the ATS Satellite	1967
19670026903	Direct measurements of daytime and nighttime profiles of charged particle concentration below 80 km	1967
19670026906	The results of long-term storage tests for compatibility of nitrogen tetroxide with various spacecraft materials	1967
19670026907	Pulsed electromagnetic gas acceleration Semiannual progress report, 1 Jan. - 30 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670026953	Relief valve, 6 by 8 inch, Manning, Maxwell, and Moore part number type 1905 QC/L3, NASA drawing number 75M12930 LRV-7 TEST report	1967
19670026972	Refrigerant expansion valve, Alco part number TAC-45HW100, NASA drawing number 75M04406 PTR-8 Test report	1967
19670027060	Refrigerant expansion valve, Alco part number TAC-22HW100, NASA drawing number 75M04406 PTR-1 Test report	1967
19670027066	Summary of heat flux and pressure instrumentation used in recent Saturn rocket exhaust tests	1967
19670027077	Information processing of data describing arbitrary solids Semiannual status report, 1 Dec. 1966 - 1 Jun. 1967	1967
19670027080	Non-Equilibrium Flow and the Kinetics of Chemical Reactions in the Char Zone	1967
19670027087	Test report for relief valve, 1-inch by 2-inch, 950-psig Anderson-Greenwood Co. part number 81S88-6 /special/	1967
19670027117	Electron densities and scale heights in the topside ionosphere - Alouette I observations over the American continents. Volume IV - Summary graphs	1967
19670027119	Heat sterilizable, impact resistant cell development Quarterly report, Jan. 1 - Mar. 31, 1967	1967
19670027151	Extremal factors of long-term space flight and health requirements for spacecraft crews	1967
19670027156	Simultaneous satellite and balloon observations of the same auroral zone precipitation event	1967
19670027171	Design and development of 100-VA integrated static inverter Final report, Jun. 1966 - Jun. 1967	1967
19670027188	Relationship Between the Radioemission Flux from Local Sources and the Structure of Active Regions of the Sun Observed Optically	1967
19670027223	Heat pipe thermionic converter development Quarterly report, 11 Jan. - 30 Apr. 1967	1967
19670027227	Preliminary payload analysis of automated Mars sample return missions	1967
19670027230	Re-entry "F" nose vibration and shock test Final report	1967
19670027237	Investigation of cross-polarized radar on volcanic rocks	1967
19670027240	The effects of a simulated proton space environment on the ultraviolet transmittance of optical materials between 3000A and 1050A	1967
19670027284	Systematic description and key to isolants from Hilgard soils	1967
19670027286	Pressure regulators, Grove Valve and Regulator Company part numbers T-1538 and T-1541, NASA drawing numbers B75M50305-1 and B75M50305-4 Test report	1967
19670027306	Saturn long-range azimuth laying theodolite Final report	1967
19670027311	Experiment in technology utilization, volume I Quarterly report, May 1 - Jul. 31, 1967	1967
19670027331	Soldering Electrical Connections: A Handbook. 4th Edition.	1967
19670027351	Analytical and experimental studies of microwave interaction with a hypersonic air plasma	1967
19670027361	Orbital operations and analysis for a 15-micron horizon radiance measurement experiment. Horizon definition study	1967
19670027368	On the nature of the optical inhomogeneity of quartz	1967
19670027369	Experimental Investigation of the Hypersonic Flow of a Rarefied Gas Around a Sphere	1967
19670027376	Aerodynamic Design of a Highly Efficient Propeller Blade	1967
19670027379	The effect of launch time on the performance of a solar array/battery electrical power system	1967
19670027382	Communications of the Lunar and Planetary Laboratory number 92, volume 6, part 2	1967
19670027383	Spectral, spatial, and temporal variations observed for outer zone electrons from 10 to 100 KeV with satellite Injun III	1967
19670027397	Study to investigate the effects of ionizing radiation on transistor surfaces Final report	1967
19670027404	A study for the determination of the indent depth and configuration for the maximum reliability connections when nickel plated copper wire is crimped into gold plated connector contacts Final report, 1 Jul. 1966 - 1 May 1967	1967
19670027412	Diffusion of carbon in tantalum carbides	1967
19670027422	Experiments in technology utilization, volume II Quarterly report, 1 May - 31 Jul. 1967	1967
19670027427	A neuromuscular actuation system model	1967
19670027429	Cryogenic positive expulsion bladders	1967
19670027442	Advanced technology of interconnections in microelectronics Interim scientific report, 16 May 1966 - 15 May 1967	1967
19670027443	Compositional analysis of lunar and planetary surfaces using neutron capture gamma rays Annual report, May 1, 1966 - Jun. 30, 1967	1967
19670027462	Globe valve, 3/8-inch, 6000 psig control Components Incorporated, part number MV6306T-P Test report	1967
19670027464	Refractory metal fiber nickel alloy composites for use at high temperatures	1967
19670027468	Solenoid valve, 3/8-inch, 3-way Flodyne Controls Inc., part number 3A37S Test report	1967
19670027493	Pressure gages, 4.5-inch Helicoid Gage Division, American Chain and Cable Co., part numbers 3956D, 3956M, and 3956T	1967
19670027505	Experimental study of a passive thermal control system for space suits Status report, 17 Jan. - 17 Jul. 1967	1967
19670027535	Contoured skin friction transducers	1967
19670027538	Pressure Switch, Custom Component Switches, Inc., Part Numbers 8G426-1 and 8G426-5, NASA Drawing Numbers 10344443-6 and 10434443-18 Test Report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670027539	Sensitivity evaluations of three squibs used in test vehicles at the Goddard Space Flight Center Final report	1967
19670027550	Solution of systems of ordinary differential equations by the method of expansion in power series on quick-response computers	1967
19670027588	Data processing plan interplanetary monitoring platform-F IMP F. Volume I - The spacecraft. Volume II - The data processing	1967
19670027591	Interconnection and encapsulation of integrated circuits by anodic bonding Final technical report, 1 Jul. 1966 - 31 Mar. 1967	1967
19670027598	Investigation to improve vacuum evaporated thin film resistors Final report, 14 Apr. 1965 - 13 Dec. 1966	1967
19670027609	The Pioneer Spacecraft	1967
19670027612	Advanced electric propulsion research Semiannual report, Jan. 1 - Jun. 30, 1967	1967
19670027618	Aluminum colloid formation by homogeneous nucleation in a supersonic nozzle	1967
19670027637	Gaseous electrolytes for batteries and fuel cells Quarterly report, Feb. 1 - Apr. 30, 1967	1967
19670027658	Post foam expansion in S-IC electrical distributors	1967
19670027660	Design considerations for orbital transport systems	1967
19670027670	A production control and accounting system	1967
19670027679	An all-sky camera for continuously monitoring cloud coverage	1967
19670027681	Pressure switch, Helicoid Gage Division part numbers 4231-1 and 4231-2, NASA DRAWING numbers 10434443-18 and 10434443-6 Test report	1967
19670027683	Wind profile climatology of New Orleans, Louisiana	1967
19670027692	OGO-1 VLF experiment A-17 digital data processing system Final report	1967
19670027693	Globe valve, 2-inch, 6000 psig, Control Components, Inc. model no. 445, NASA DRAWING number 75M14693 PGLV-1 Test report	1967
19670027694	Sunblazer receiver performance for a noisy, dispersive channel	1967
19670027695	Thermo-diffusion in the tungsten-beryllium system	1967
19670027696	Pneumatic filter, 3/8-inch, Permanent Filter Corporation part number 10813, NASA drawing number 10437650 Test report	1967
19670027697	Synthesis of linear, double chain ladder polymers from substituted tetraphosphonitriles Final report, 3 May 1966 - 15 May 1967	1967
19670027707	Test report for angle valve, 1/2-inch, Combination Pump and Valve Co. model 371, drawing number C-6480, NASA drawing number 10428534	1967
19670027709	Gust simulation in a wind tunnel Final report	1967
19670027741	Life cycle tests Monthly progress report, period ending 31 May 1967	1967
19670027752	Failure criteria for viscoelastic materials Semiannual status report, 1 Mar. - 31 Aug. 1967	1967
19670027753	Communications of the lunar and planetary laboratory, numbers 79-91, volume 6, part 1	1967
19670027754	Format - a Text Processing Program	1967
19670027764	Bayesian analysis of system readiness	1967
19670027778	Single stage experimental evaluation of high Mach number compressor rotor blading. Part 2 - Performance of rotor 1B	1967
19670027844	Orbital experiment capsule feasibility study. Volume II - Supporting technical studies and tradeoffs Final report	1967
19670027846	Advanced superconducting magnets investigation Quarterly progress report, 10 May - 10 Aug. 1967	1967
19670027851	Interplanetary guidance system requirements study, volume I Final report	1967
19670027856	Holographic interferometry with applications to fluid mechanics	1967
19670027891	Studies of reaction geometry in oxidation and reduction of the alkaline silver electrode Final report	1967
19670027924	Development of fuel cell electrodes Semiannual report, 1 Jan. - 30 Jun. 1967	1967
19670027930	Nozzle flows with coupled vibrational and dissociational nonequilibrium	1967
19670027934	A general program for the calculation of radiation from an inhomogeneous, nonisobaric, nonisothermal rocket exhaust plume	1967
19670027935	Translator and Simulator for the Computer Design and Simulation Program /CDSP/, VERSION I	1967
19670027949	On solving nonlinear equations with a one-parameter operator imbedding	1967
19670027952	Propellant leakage detection system Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19670027954	Solar interplanetary study Final report, 30 Jun. 1966 - 30 Aug. 1967	1967
19670027975	Angle valve, 3/4-inch, Annin Company model number 3611, NASA drawing number 10428552	1967
19670027993	On the energy fluxes of low-energy protons and positive ions in the earth's inner radiation zone	1967
19670028001	Satellite altimetry and orbit determination	1967
19670028011	Nonlinear oscillations in a cold plasma	1967
19670028024	The effect of vibration and noise on the mental faculty of man under time stress	1967
19670028042	Single stage experimental evaluation of slotted rotor and stator blading. Part VII - Data and performance for slotted stator 2	1967
19670028055	The use of the chatter mode in self-adaptive systems	1967
19670028069	The geomagnetic secular variation, 1900 - 1965	1967
19670028076	Characterization of recombination and control electrodes for spacecraft nickel-cadmium cells Quarterly report, Dec. 9, 1966 - Mar. 9, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670028077	Test report for back pressure regulator, 21/2- inch Grayloc connections, 6000 psig, Grove Valve and Regulator Company drawing number M-13636-R, model PB 300, NASA drawing number 10428582	1967
19670028078	Extreme temperature aerospace bearing- lubrication systems Final report, Nov. 22, 1965 - Apr. 30, 1967	1967
19670028096	Design of statically determinate trusses for minimum weight and deflection	1967
19670028121	Southwest Research Institute assistance to NASA in biomedical areas of the technology utilization program Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19670028148	Oxide dispersion strengthened alloys	1967
19670028150	Time-optimal response of feedback control systems by means of discontinuous rate compensation	1967
19670028163	Hemispherical shells subjected to dynamic, thermal, and random loadings	1967
19670028231	Application of holography to microscopic objects	1967
19670028238	Investigation of Receivers Designed for the Measurement of Ultraviolet Radiation in the Upper Atmosphere and in Outer Space	1967
19670028239	Exploratory investigations of the effects of gas injection through a porous model on separation, transition, static stability and control effectiveness of a blunt entry body at Mach number 7.3	1967
19670028257	Communications of the Lunar and Planetary Laboratory, number 92, volume 6, part 2	1967
19670028269	Single stage experimental evaluation of high Mach number compressor rotor blading. Part 3 - Performance of rotor 2E	1967
19670028289	Analytical, experimental and developmental work for a radiative heating system, volume II Final report	1967
19670028305	Investigation of advanced regenerative thrust chamber designs Interim report	1967
19670028324	Helicopters calculation and design. Volume I - Aerodynamics	1967
19670028325	Advances in the use of computers for handling human factors task data	1967
19670028329	Hypervelocity impact mechanics, bibliography and index Final technical report	1967
19670028334	Minimum sensitivity optimal control for nonlinear systems	1967
19670028394	An algorithm for the determination of the definiteness of a real square matrix	1967
19670028407	Shock waves far from their source	1967
19670028451	Investigation of materials for the low frequency telescope experiment Interim report	1967
19670028455	Analyses of the impact of space activities on the national economy, and establishment of a methodology for determining space program effects on regional economic growth Progress report, 15 Mar. - 15 Sep. 1967	1967
19670028460	Evaluation and demonstration of the use of cryogenic propellants /O ₂ -H ₂ / for reaction control systems. Volume I - Conceptual design and analytical evaluation Final report	1967
19670028508	Services provided in support of the planetary quarantine requirements of the National Aeronautics and Space Administration, July - September 1967	1967
19670028539	Development of optical liquid level sensor for use in liquid hydrogen Final report, Jun. 1964 - Oct. 1965	1967
19670028553	A dual finite element computer system for stretching and bending of orthotropic plates	1967
19670028572	Investigation of the solidification, structure and properties of eutectic alloys including consideration of properties control Semiannual progress report	1967
19670028576	First panoramas of Luna-13. Determination of density and mechanical strength of lunar layer at the landing site of the automatic station Luna-13	1967
19670028590	Cutting Tool for Use in Space, Final Report	1967
19670028605	A Fortran IV/63 program package for calculating the time channel response function in neutron time-of-flight spectroscopy	1967
19670028644	Compositional analysis of lunar and planetary surfaces using neutron capture gamma rays	1967
19670028646	Establishment of thermodynamic and transport properties for para-hydrogen Final report, 1 Sep. 1963 - 31 Aug. 1967	1967
19670028656	Activation and initial test operations, large rocket engine - Turbopump test facilities Technology report	1967
19670028665	Investigation of sterilization of secondary batteries Final report	1967
19670028681	Means of determining the maximum allowable concentration of toxic products of natural human metabolism	1967
19670028688	Thermal and mechanical properties of a nondegraded and thermally degraded phenolic-carbon composite	1967
19670028702	Sodium vapor experiment Quarterly progress report, 1 Apr. - Jun. 1967	1967
19670028728	Experiment in the decentralized reproduction and provision of hard-copy documents of aerospace generated technology contained in the NASA information resources Quarterly report, Jun. 8 - Aug. 31, 1967	1967
19670028838	Lunar Surface Electrical Properties	1967
19670028847	Directory of computer programs available from COSMIC, volume I	1967
19670028872	Cosmic rays and problems of space physics	1967
19670028906	Apollo telemetry frame synchronization techniques	1967
19670028996	Radiation effects on the metabolism of phospholipids in the central nervous system of albino rats. Mechanism of action of X-rays on phospholipids and precursors Progress report, Jan. 1 - Jun. 30, 1967	1967
19670029049	Vibration study of a pressurized torus shell. Part I - Experimental study	1967
19670029164	Lightweight solar panel interconnections Final report, 11 May 1966 - 1 Mar. 1967	1967
19670029168	Observations of L alpha-emission from Milky Way	1967
19670029220	Feasibility study for a multiple satellite system. Volume II - Appendices	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670029234	Bessel function subroutine for computing functions of the first kind $J_n/X/$ or $J_{n+1/2}/X/$, functions of the second kind $Y_n/X/$ or $J_{-n-1/2}/X/$, spherical Bessel functions $h_n/X/$ or $y_n/X/$ and modified functions $I_n/X/$ or $K_n/X/$	1967
19670029251	Thermal insulation systems, a survey	1967
19670029303	Research study of common bulkhead and manufacturing technology improvement program for Saturn stages Final report, 23 Jun. 1966 - 23 Jun. 1967	1967
19670029307	Time code study Semiannual report, 15 Sep. 1964 - 28 May 1965	1967
19670029327	Single stage experimental evaluation of high Mach number compressor rotor blading. Part 5 - Performance of rotor 2B	1967
19670029384	Monte Carlo calculations of light scattering from clouds	1967
19670029387	Popov inequality via parameter plane	1967
19670029460	The radiation balance of the earth-atmosphere system over both polar regions obtained from radiation measurements of the Nimbus II METEOROLOGICAL satellite	1967
19670029462	FORMAC program to assist in the analysis of linear control systems using state variable feedback design technique	1967
19670029467	A catalog of radio observations of Jupiter, 1965 - 1967	1967
19670029477	Analysis of crew performance in the Apollo command module, phase II. Volume I	1967
19670029480	Advanced bladder technology Interim report ending 31 Jul. 1967	1967
19670029494	Graphs of scattered particle energies vs scattering angles, and graphs of center of mass scattering angles vs laboratory scattering angles for nucleon-nucleon reactions from 25 to 3500 MeV and for pion nucleon reactions from 25 to 2500 MeV	1967
19670029523	Registration of low-energy protons aboard AES OF the series "Elektron"	1967
19670029525	Feasibility study for a multiple satellite system. Volume I - Summary Final report	1967
19670029526	Ultrastructural changes of the parietal cell in the ferret gastric mucosa induced by pylorus-ligation and glucocorticoid administration	1967
19670029535	Theoretical aspects of atomic collisions II	1967
19670029536	Feasibility study for a multiple satellite system, extensions no. 1 and no. 2. Volume II - Appendices	1967
19670029549	An analysis of systems criteria and implementation costs for an advanced computerized information retrieval system	1967
19670029590	Study of space cabin atmospheres Status report, Jan. 1 - Jun. 30, 1967	1967
19670029593	Single stage experimental evaluation of high Mach number compressor rotor blading. Part 4 - Performance of rotor 2D	1967
19670029602	AS-206 launch vehicle operational trajectory range safety analysis	1967
19670029603	Neutron radiation of the moon induced by cosmic rays	1967
19670029609	The use of flow-through electrodes in a high current density hydrogen-oxygen fuel cell stack Final report, 5 Dec. 1966 - 5 Apr. 1967	1967
19670029613	Simulation study of the driver's control for sudden changes in previewed path	1967
19670029614	Test evaluation of fuel cell catalysts, May 15, 1967 - August 15, 1967	1967
19670029617	Heisenberg's statistical theory of turbulence and the equations of motion for a turbulent flow	1967
19670029676	Space Biology and Medicine, volume 1, no. 2, 1967	1967
19670029700	Correlation between solid propellant mechanical properties and explosion effects Final report, 1 Jul. 1966 - 30 Jun. 1967	1967
19670029704	Quarterly report, July 1 - September 30, 1967	1967
19670029714	FLEXI-KLUDGE - A multi-parameter nuclear spectrum summing system for the PDP-8	1967
19670029720	A preview control model with one or two fast time scale loops	1967
19670029722	The size of antimatter bodies and the primary cosmic ray flux	1967
19670029724	Nightglow spectral line shapes of oxygen lambda 6300 and lambda 5577 radiation	1967
19670029731	Load-settlement behavior of geometric shapes on silty clay	1967
19670029748	Photometric observations of twilight as a method of study of the upper stratosphere	1967
19670029752	AS-205 revised launch vehicle reference trajectory	1967
19670029757	Technical Facilities Catalog, Volume I	1967
19670029768	Space Biology and Medicine, volume 1, no. 3, 1967	1967
19670029796	A performance analysis of the Apollo unified S-band communications system for a typical lunar mission	1967
19670029836	Study of tires on a wet runway Final report, 24 May 1966 - 24 Sep. 1967	1967
19670029872	Investigation of electrocaloric effects in ferroelectric substances Final status report, 1 Mar. - 31 Jul. 1967	1967
19670029876	Mass spectrometer analysis of solid materials with the ion-microprobe sputter source Final report	1967
19670029899	A digital coherent memory filter for Saturn V bending mode identification Final report	1967
19670029906	On the general correspondence between field theories and the theories of direct interparticle action	1967
19670029907	Development of pile type, high discharge rate nickel-cadmium squib batteries Final report, 4 Mar. 1966 - 4 Aug. 1967	1967
19670029927	Linear and nonlinear theory of grid excitation of low frequency waves in a plasma	1967
19670029959	Single stage experimental evaluation of slotted rotor and stator blading. Part VIII - Data and performance for slotted stator 3	1967
19670029990	Friedman cosmological models with both radiation and matter	1967
19670030011	Development of fuel cell electrodes. Preliminary system design Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670030017	Mass-Spectrometric Study of Vaporization of the Dioxides of Zirconium, Hafnium, and Thorium	1967
19670030022	Influence of structure and material research on advanced launch systems' weight, performance, and cost, volume II, phase II INTERIM report	1967
19670030024	Study improvement of the hydrogen maser Final report, 30 Jul. 1965 - 31 Aug. 1966	1967
19670030037	The remote sensing of stratospheric temperatures and some results from the Nimbus II satellite experiment	1967
19670030039	NASA aircraft/spacecraft telemetry receiving systems Final report	1967
19670030041	A direct lift control flap for the 367-80 airplane	1967
19670030059	Evaluation program for secondary spacecraft cells acceptance test of Sonotone Corporation 20 ampere-hour sealed nickel-cadmium cells	1967
19670030061	Power conditioner for experimental model SERT II ion thruster Final report	1967
19670030153	Slush hydrogen fluid characterization and instrumentation analysis Progress report, Jan. 25 - May 15, 1967	1967
19670030188	On the structure of sequential machine realizations	1967
19670030201	Determination of a Realistic Error Bound for a Class of Imperfect Nonlinear Controllers	1967
19670030265	Energy levels and transition probabilities of Mn ⁴⁺ plus - TiO ₂ and Cr ³⁺ plus - ZnWO ₄	1967
19670030307	Radiation from Nonisothermal Gases	1967
19670030342	Turbulent mixing of three concentric reacting jets, volume IV Final report	1967
19670030356	Quantum effects in information transmission systems	1967
19670030430	Design for orientation of balloon-borne equipment	1967
19670030577	A solid-state programmable digital clock	1967
19670030601	The effects of accelerated centrifugal force upon the development of the frog embryo. Morphological changes in frog embryos centrifuged in various developmental phases	1967
19670030603	Formation of dust particles in a comet atmosphere as a result of gas condensation	1967
19670030628	Lunar Orbiter III. Postmission Photo Supporting Data	1967
19670030651	Longitudinal aerodynamic characteristics in ground effect of a large-scale, V/STOL model with four tilting ducted fans arranged in a dual tandem configuration	1967
19670030659	Test report for Angle Valve, 3/8-inch James, Pond, and Clark Inc., part number BR949T1-6BB/T9/ NASA drawing number 75M09618 PAV-2	1967
19670030661	Test report for Pressure Switch Hydra- Electric Company part number 32067 NASA DRAWING number A75M04044-HPS-2	1967
19670030662	Test report for Pressure Switch Parmatic, Incorporated - Part number AP535-4 NASA DRAWING number A75M04044-HPS-1	1967
19670030713	Voyager capsule phase B. Volume II - Capsule bus system. Part A1 - Preferred design concept Final report	1967
19670030714	Voyager capsule phase B. Volume II - Capsule bus system. Part A2 - Preferred design concept Final report	1967
19670030715	Voyager capsule phase B. Volume II - Capsule bus system. Part B1 - Alternatives, analyses, selection Final report	1967
19670030716	Voyager capsule phase B. Volume II - Capsule bus system. Part B2 - Alternatives, analyses, selection Final report	1967
19670030717	Voyager capsule phase B. Volume II - Capsule bus system. Part B3 - Alternatives, analyses, selection Final report	1967
19670030718	Voyager capsule phase B. Volume II - Capsule bus system. Part B4 - Alternatives, analyses, selection Final report	1967
19670030719	Voyager capsule phase B. Volume II - Capsule bus system. Part C1 - Functional descriptions Final report	1967
19670030720	Voyager capsule phase B. Volume II - Capsule bus system. Part C2 - Functional descriptions Final report	1967
19670030721	Voyager capsule phase B. Volume II - Capsule bus system. Part D - Operational support equipment Final report	1967
19670030722	Voyager capsule phase B. Volume II - Capsule bus system. Part E - Reliability Final report	1967
19670030737	Research on new techniques for the analysis of manual control systems Progress report, 16 Dec. 1966 - 15 Jun. 1967	1967
19670030759	On the role of hydrogen in the process of steel failure in neutral corrosive media	1967
19670030761	Sterilizable accelerator Quarterly technical report, May - Jul. 1967	1967
19670030791	Effect of vibration on carbohydrate metabolism	1967
19670030805	Stress and vibration characteristics of a planetary entry capsule in the launch configuration	1967
19670030832	Worldwide use of airphotos in agriculture	1967
19670030855	Proteins /antibodies/ which react specifically with DNA damaged by ultraviolet radiation	1967
19670030859	Rapid variations in earth's satellite drag and properties of the upper atmosphere	1967
19670030863	Competition in high technology government markets	1967
19670030866	On the possible mechanism of chromospheric flare emission	1967
19670030875	Discrete-element methods for the plastic analysis of structures	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670030887	Feasibility study for the construction of medium strength magnetic fields for studies in the mechanical behavior of materials	1967
19670030888	The spinning filamentary disk as a hypersonic decelerator	1967
19670030890	Globe valve, 1/2-inch Grove Valve and Regulator Company part number 11193A046B NASA drawing number 10428576 Test report	1967
19670030891	Investigations of the influence of heavy muscular work on renal capacity	1967
19670030905	Voyager capsule phase B. Volume II CAPSULE bus system. Part B5 - Alternatives, analyses, selection Final report	1967
19670030907	Bibliography on biosensors. A sampling of the world literature 1960-1966, volume V	1967
19670030908	Systematic description and key to isolants from Hawaiian soils Progress report	1967
19670030965	Interim report for 12 months ending July 31, 1967	1967
19670030976	Generalized aerodynamic forces on a flexible cylindrical shell undergoing transient motion	1967
19670030991	Study of shape and internal structure of moon, utilizing lunar orbiter data	1967
19670031018	Fabrication feasibility study of a 30 watt pound roll-up solar array Quarterly report, 27 Jun. - 30 Sep. 1967	1967
19670031104	Genetic studies in space	1967
19670031105	Lunar orbiter IV postmission photo supporting data	1967
19670031107	The determination of the thermodynamic state of relaxing hypersonic gas flows by electron collision excitation	1967
19670031110	Simulators	1967
19670031111	Weightlessness	1967
19670031114	Voyager capsule, preliminary design, phase B. Volume II - Capsule bus system. Section I - Capsule bus Final report	1967
19670031115	Voyager capsule, preliminary design, phase B. Volume II - Capsule bus system. Section II - Preliminary design for OSE FINAL report	1967
19670031136	The effect of vibration on the morphologic pattern of endocrine glands	1967
19670031146	Hydrogen-oxygen electrolytic regenerative fuel cells, 1 May 1967 - 1 June 1967	1967
19670031171	Surveyor	1967
19670031179	Hydrogen-oxygen electrolytic regenerative fuel cells, 1 June 1967 - 1 July 1967	1967
19670031184	Spacecraft Tracking and Communication	1967
19670031209	Telemetry	1967
19670031222	A computer program for simulating uprated Saturn I trajectories	1967
19670031246	The Countdown	1967
19670031251	Aerospace Systems and Mission Analysis Research Status report, 1 Jul. - 30 Sep. 1967	1967
19670031266	Proceedings: The Third National Conference on Air Pollution	1967
19670037655	Automated spacecraft come of age.	1967
19670038473	Lunar ring dikes from Lunar Orbiter I.	1967
19670039539	An Analysis of Minimum Heat Trajectories for Entry at Hyperbolic Speeds	1967
19670039579	Mixing and Reaction Studies of Hydrazine and Nitrogen Tetroxide Using Photographic and Spectral Techniques	1967
19670040123	Flame Spreading over the Surface of Igniting Solid Rocket Propellants and Propellant Ingredients.	1967
19670041292	Lunar Receiving Laboratory	1967
19670041316	Interim Report on Flight Evaluations of Lunar Landing Vehicle Attitude Control Systems	1967
19670041768	Definition of a Rocket Vehicle for Synoptic Meteorological Soundings	1967
19670042977	Cryogenic Ignition of Hydrogen and Oxygen with Raney Nickel	1967
19670044010	Ultraviolet Measurements in Planetary Atmospheres.	1967
19670044619	Factors influencing the recovery of viable micro-organisms from surfaces.	1967
19670046986	The Mars transit and entry environment - A new problem for heat shields.	1967
19670047314	The Role of Flight Experiments in the Study of Thermal-Control Coatings for Spacecraft	1967
19670048602	Observations of the solar wind with the aid of the Venus 3 interplanetary station	1967
19670054042	Impact of space research on science and technology.	1967
19670055255	The Descent Engine for the Lunar Module	1967
19670055687	Dynamics of emission line narrowing for a laser with nonresonant feedback.	1967
19670056182	Feasibility of using ultrasonics for removing viable microorganisms from surfaces.	1967
19670056494	The survival of terrestrial microorganisms in space at orbital altitudes during Gemini satellite experiments.	1967
19670056942	Dynamics of Annealing of Li-Diffused P-on-N Silicon Solar Cells.	1967
19670057200	Collecting and processing samples of the moon.	1967
19670058073	Reduction of microbial shedding from humans.	1967
19670059051	Rank tests for randomized blocks when the alternatives have an a priori ordering.	1967
19670060115	Statistical Time Symmetry and Two-time Boundary Conditions in Physics and Cosmology.	1967
19670061080	Anisotropic Diffusion of Solar Cosmic Rays.	1967
19670062075	Magnetic noise in the magnetosheath in the frequency range 3-300 Hz.	1967
19670062116	Biological contamination control concepts for the lunar receiving laboratory.	1967
19670062121	Contaminants vs micrometeorites from the 1965 Leonid Meteor Shower.	1967
19670062122	Comparative levels of microbial contamination in clean rooms used for the assembly and test of lunar spacecraft.	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670062123	Assessment of microbial contamination on surfaces of space hardware by ultrasonics.	1967
19670062188	Space prospects before the space age began - And today.	1967
19670062191	Unmanned space exploration - The path ahead.	1967
19670064601	Cold exposure of farm and laboratory workers.	1967
19670064740	A versatile system for measuring oxygen consumption in man.	1967
19670065895	Liver Glycogenesis, Glycogen Synthetase and Adrenal Responsiveness of Rats Exposed to Acceleration Stress	1967
19670067905	Radar scattering from a low-cross-section shape Technical report no. 419	1967
19670068321	Problems in J x B Acceleration Semiannual Progress Report, Jul. 1 - Dec. 31, 1966	1967
19670068544	Development of basic elements of low shock, shrapnel-free separation joints for the Apollo Spacecraft LEM Adapter /SLA/ REPORT, 27 Jun. 1966 - 6 Jan. 1967	1967
19670068580	Investigation of the effect of irradiation conditions on the nervous system of persons working within the reach of microwaves	1967
19670068706	Cryogenic Insulation Research Final Report	1967
19670068715	The Cultivation of Hydrogen-Fixing Bacteria Quarterly Status Report, 1 Oct. - 31 Dec. 1966	1967
19670068716	Study of the mechanics of non-Newtonian fluids Quarterly status report, period ending 26 Dec. 1966	1967
19670068719	The Role of Brown Fat in the Thermogenesis of Animals and Man Progress Report, 1 Jul. 1966 - 1 Jan. 1967	1967
19670068801	Neural Control of Hibernation in Mammals, the Relevance of Physiological Clocks and Environmental Factors Progress Report No. 4, Mar. 1, 1966 - Feb. 1967	1967
19670068802	Radiation effects on the metabolism of phospholipids in the central nervous system of albino rats. Mechanism of action of X-rays on phospholipids and precursors Progress report no. 3, Sep. 1 - Dec. 31, 1966	1967
19670068807	Research in the Field of Molecular Collision Phenomena Using Molecular Beam Techniques Status Report, 1 Apr. - 30 Sep. 1966	1967
19670068808	Thermo-mechanical Theory of Non-Newtonian Fluids Status Report, 1 May - 31 Oct. 1966	1967
19670068812	Rotational Excitation and Small-Angle Molecular Scattering in the Sudden Approximation	1967
19670068847	Shock stresses in general viscoelastic materials with complex configurations	1967
19670068926	Test Site No. 11, Yellowstone National Park Quarterly Report, Jan. 1, 1967	1967
19670068927	Conducting an Investigation of Radar and Microwave Radiometric Techniques for Geoscience Experiment Which May Be Carried Out In Manned Orbiting Spacecraft Quarterly Progress Report, Sep. 1 - Nov. 31, 1966	1967
19670068928	Conducting an Investigation of Radar and Microwave Radiometric Techniques for Geoscience Experiments which May Be Carried Out in Manned Orbiting Spacecraft Quarterly Progress Report, 1 Jun. - 31 Aug. 1966	1967
19670068931	Geologic Applications Program	1967
19670068943	Determination of intermolecular forces via low energy molecular beam scattering	1967
19670068944	Effects of Schedule and Stimulus Parameters on Monitoring and Observing Behavior Semiannual Status Report, Jun. 1 - Nov. 30, 1966	1967
19670068968	LSSM for Apollo Applications Program. Volume II - Technical Report. Book 2, Appendix a - Thermal Analysis Final Report	1967
19670068969	LSSM for Apollo Applications Program. Volume II - Technical Report. Book 6, Appendix E - Human Factors Analysis Final Report	1967
19670068970	LSSM for Apollo Applications Program. Volume II - Technical Report. Book 8, Appendix G - Navigation Analysis Final Report	1967
19670068972	LSSM for Apollo Applications Program. Volume IV - Condensed Summary Report Final Report	1967
19670068973	LSSM for Apollo Applications Program. Volume III - Resources Plan. Book 4 - Development Plan for Performance Improvement Items Final Report	1967
19670068974	LSSM for Apollo Applications Program. Volume III - Resources Plan. Book 3 - Cost and Resources Plan Final Report	1967
19670068975	LSSM for Apollo applications program. Volume II - Technical report. Book 5, appendix D - Vehicle analysis Final report	1967
19670068976	Development and qualification of S-IC GIMBAL system hose assemblies	1967
19670068978	Development testing of the instrument unit environmental control system for Saturn IB and Saturn V vehicles	1967
19670068979	LSSM for Apollo Applications Program. Volume II - Technical Report. Book 7, Appendix F - Communications Analysis Final Report	1967
19670068982	LSSM for Apollo Applications Program. Volume III - Resources Plan. Book 1 - Summary Program Plan Final Report	1967
19670068983	LSSM for Apollo Applications Program. Volume II - Technical Report. Book 3, Appendix B - Specified LSSM Interfaces Final Report	1967
19670068984	LSSM for Apollo Applications Program. Volume II - Technical Report. Book 4, Appendix C - Operations Analysis Final Report	1967
19670068986	LSSM for Apollo Applications Program. Volume I - Program Summary Final Report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670068987	LSSM for Apollo applications program. Volume II - Technical report. Book 1 - Specified LSSM detailed design Final report	1967
19670068990	LSSM for Apollo applications program. Volume III - Resources plan. Book 2 - Development and production plans Final report	1967
19670068991	Investigations on work-induced hyperthermia of human subjects	1967
19670068992	Investigation of viscosity in the liquid range of the system PbO-K ₂ O-SiO ₂	1967
19670068995	Contributions to the Physiology of Strenuous Physical Work. Part IX - Hyperthermia and Basal Metabolism	1967
19670068996	Comparative study on respiratory and circulatory function at physically equal ergometric work in the standing, lying, and sitting position	1967
19670068998	Theory and practice of wound fiber structures	1967
19670069004	Small Interplanetary Probe Experiments Spacecraft Study, Addendum to Final Report, 5 Dec. 1966 - 6 Jan. 1967	1967
19670069032	The determination of the luminous coefficients of artificial meteors Final report	1967
19670069044	Cathode luminescence of aluminum nitride	1967
19670069045	Characteristic physical properties of the oxidic principal glass formers and their relationship to the structure of glasses. Part II - Mechanical and optical properties as a function of thermal prehistory	1967
19670069046	Entropy and negative entropy	1967
19670069048	Principal physical and chemical parameters in the self-organization of living beings	1967
19670069049	Effects of baking and trapping on residual gas spectra	1967
19670069050	A gamma-quantum spectrometer for measurements in the atmosphere	1967
19670069051	Influence of air viscosity on the damping and resonance frequency of Helmholtz resonators	1967
19670069052	Corona anemometer for measuring turbulence components	1967
19670069053	The evolution of the temperature in a calcium carbonate cube in the course of pyrolysis in an isothermal chamber, while maintaining a vacuum	1967
19670069054	Mechanical and chemical dressing of minerals and rocks for geochemical trace analyses	1967
19670069056	Separation of isozymes hydrolyzing L-leucyl- beta-naphthylamide by vertical electrophoresis in acrylamide gel	1967
19670069057	Study of color centers in alkali halides by electronic paramagnetic resonance	1967
19670069058	Na-K-Hg-Cd alloys	1967
19670069059	The solubility of carbonates of yttrium, scandium, and of several elements of the rare-earth group in water saturated with carbonic gas	1967
19670069060	Morphology and mechanism of growth of AlN SINGLE crystals	1967
19670069061	The three-dimensional instability of laminar boundary layers	1967
19670069062	The laws of physics and biology	1967
19670069065	On the light-induced ring formation in fungi. Part III	1967
19670069066	Stability of flow in a curved channel	1967
19670069067	Asymmetric elasticity	1967
19670069073	Interagency Chemical Rocket Propulsion Group - 3rd Combustion Conference, volume II /U/	1967
19670069074	Flash pyrolytic decomposition and combustion of LMH-1 and LMH-2 analysis by kinetic spectroscopy /U/	1967
19670069075	The effect of burning rate modifiers on the thermal decomposition of polyester-RDX PROPELLANTS /U/	1967
19670069076	Effects of catalysts on the thermal decomposition of ammonium perchlorate and on the burning rate of composite propellants /U/	1967
19670069077	Aerodynamic breakup of liquid drops /U/	1967
19670069209	Investigation of the use of stellar references for automatic orientation of theodolite platforms Progress report, 15 Aug. 1966 - 15 Feb. 1967	1967
19670069215	Progress report, 1 November 1966 - 31 January 1967	1967
19670069216	Cosmic ray search for magnetic monopoles Semiannual progress report	1967
19670069221	An investigation of gravity level preference and the effects of gravitational forces on small animals and primates, and of techniques for related space flight experiments Status report, Jul. 1966 - Feb. 1967	1967
19670069229	The band energy gap of gallium nitride and aluminum nitride	1967
19670069234	Radiative energy transfer on entry into Mars and Venus Quarterly report	1967
19670069235	Cosmic-ray investigations utilizing an emulsion chamber calorimeter combination Progress report, 1 Jul. - 31 Dec. 1966	1967
19670069238	Study and experimental work on atomic collision processes occurring in atmospheric gases Technical progress letter no. 45, 1 Dec. 1965 - 28 Feb. 1966	1967
19670069248	Investigation of boundary layer transition Progress report, 1 Oct. - 31 Dec. 1966	1967
19670069251	Conduct research on the effects of very strong magnetic fields and of magnetic field-free environments on man and animals Progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670069253	Study on high power cryotron materials Progress report	1967
19670069254	Radar sensing for geoscience purposes Semiannual progress report, 1 Jul. 1966 - 1 Jan. 1967	1967
19670069255	Semi-Annual status report, Aug. 1, 1966 - Jan. 31, 1967	1967
19670069257	Effects of Radiation on Gastro-intestinal Function and Relationships to Circadian Rhythmicity Semiannual Status Report	1967
19670069259	Participation in Apollo passive seismic experiment Status report, 1 Jan. - 31 Dec. 1966	1967
19670069265	X-ray astronomy Semiannual report, 1 Aug. 1966 - 31 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670069270	Contingency planning for space-flight emergencies	1967
19670069316	Hybrid propulsion review /U/	1967
19670069329	Development of techniques for insulation wrappings of cryogenic containers.	1967
19670069330	Analysis and testing of aircraft seats Quarterly technical progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670069331	Specified LSSM design study - Cost plan	1967
19670069335	Research on satellite electrical power conversion systems and circuit protection Semiannual status report	1967
19670069384	High-pressure research toward high-energy propellants /U/ Technical documentary report, 1 Feb. 1963 - 31 Mar. 1966	1967
19670069395	Theoretical and Experimental Studies of Magneto-Aerodynamic Drag and Shock Stand-off Distance Progress Report, Jul. 9, 1966 - Jan. 7, 1967	1967
19670069398	Holddown arm release assembly redundant explosive release system, NASA part number SK-LUT-2866	1967
19670069408	The effect of laser energy on cells in tissue culture Annual progress report, 1 Feb. 1966 - 31 Jan. 1967	1967
19670069467	A preliminary evaluation of gelled propellants containing zirconium /U/	1967
19670069626	Operation of UBSO Quarterly report no. 1, 1 May - 31 Jul. 1966	1967
19670069645	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670069751	Proximity effects between superconducting and normal metals Semiannual report	1967
19670069752	Multi-Spectral Tracking Telescope for the Apollo Applications Program Progress Report, Dec. 1, 1966 - Mar. 1, 1967	1967
19670069843	Nickel-base and cobalt-base alloys Review of recent developments	1967
19670070070	Instantaneous frequency indication techniques Quarterly report, 1 Feb. - 30 Apr. 1966	1967
19670070092	Coordination polymers as possible organic semiconductors Final report, Jan. 3, 1964 - Jan. 2, 1966	1967
19670070493	Study of stabilization of hydrogen atoms at 77 deg K and higher temperatures Semiannual technical report, 27 Jun. - 26 Dec. 1966	1967
19670070688	On optimum wedges and semicones in hypersonic viscous flow	1967
19670070726	Investigation of a 30,000 rpm turbine-driven hydraulic pump Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670070727	Process development program nitroso rubber terpolymer Interim engineering progress report, 8 Sep. - 7 Dec. 1966	1967
19670070741	Evaluation of a non-wetting silicone for radar windows Final report	1967
19670070753	Modulation analyzer Quarterly report, 1 Jul. 1965 - 30 Jun. 1966	1967
19670070776	Nike-Apache Speedball II round numbers 93, 94, and 95, SN 39, 40, and 41 Meteorological data report	1967
19670070781	Review of recent developments, fiber- reinforced metals	1967
19670070793	Study and demonstration of paper phenolic components Quarterly report, Sep. - Nov. 30, 1966	1967
19670070831	Inhibited N2O4 Final report, Jul. 1965 - 30 Sep. 1966	1967
19670070881	Anti-clutter techniques feasibility demonstration Interim technical report, Oct. - Dec. 1966	1967
19670070902	Thermal battery Quarterly technical progress report, 1 Oct. - 31 Dec. 1966	1967
19670070968	Burnout resistant X-band hot carrier detectors Quarterly report, 1 Jul. - 30 Sep. 1966	1967
19670070985	High pressure-low temperature study of hydrogenous fuels /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670070988	The Future of Synchronous Satellites for Communications and Other Military Applications /U/	1967
19670071010	Effect of Spin on Hybrid Rocket Internal Ballistics /U/ Final Report	1967
19670071018	Heat transfer study of prepackaged propellants /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967
19670071036	Hypersonic ramjet heat transfer and cooling program. Volume II - Results of supersonic combustion heat transfer experiment /U/	1967
19670071075	Very low pressure pyrolysis studies of NF COMPOUNDS /U/	1967
19670071124	An AFATL canister low-pressure test	1967
19670071133	The analysis and application of hologram interferometry	1967
19670071134	Electromagnetic hazards to electroexplosive subsystems Final report, 15 Apr. - 15 Oct. 1966	1967
19670071137	Development of improved thermoelectric cooling materials for ground air conditioners Final technical report, 24 Nov. 1965 - 24 Nov. 1966	1967
19670071138	Transparent lightweight armor Final report, 1 Sep. 1966 - 15 Jan. 1967	1967
19670071141	Static force and control effectiveness tests of a C-5A model at Mach numbers from 0.60 to 0.90	1967
19670071142	Results of testing three F-111 crew module rocket motors at simulated altitude and environmental temperatures of plus 59 deg F and minus 65 deg F	1967
19670071143	Observations of synoptic mesoscale dynamic processes	1967
19670071144	Current naval activities of interest to the exploration geophysicist	1967
19670071146	Thermodynamic equilibrium of a reacting gas- solid mixtures. II - Computer implementation and results	1967
19670071148	Preliminary Saturn V/Voyager trajectory from Earth to Mars	1967
19670071149	Chemical-kinetic and physical processes in composite solid propellant combustion	1967
19670071151	A study of thin film partial pressure gas sensors Final report, Jan. 1966 - Feb. 1967	1967
19670071154	Optical contrast for missile terminal guidance - An annotated bibliography	1967
19670071159	Instrumentation for the AEDC/VKF 100-in. Hotshot /Tunnel F/	1967
19670071196	Aerobee KP 3.19 Meteorological data report, 16 Dec. 1966	1967
19670071295	Alkali metal resistant electrical devices Quarterly technical progress report, 26 Sep. - 25 Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071296	Exploratory development on coupling schemes for plasma amplifiers Interim technical report, 1 Jun. - 1 Oct. 1966	1967
19670071305	Sparta Program Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967
19670071312	Analog simulation of S-II stage propellant utilization system	1967
19670071313	A study of the compatibility of the Athena vehicle with NASA's Wallops Island launch facilities	1967
19670071314	The first lunar surface science stations for Project Apollo	1967
19670071315	EGO 49-11 data storage, retrieval, and analysis system description	1967
19670071316	A least squares adjustment of constrained parameters for Azusa tracking system error evaluation	1967
19670071335	Feasibility study for development of a flexible reinforced window Final report, 7 Sep. 1965 - 7 Dec. 1966	1967
19670071346	Thermochemical analysis program - Rocket performance	1967
19670071365	Experimental determination of static and dynamic stability derivatives at transonic and supersonic speeds	1967
19670071384	Epitaxial growth of ferromagnetic garnets Quarterly technical report	1967
19670071407	Development of a manufacturing process for thin sheet and foil of TD nickel-chromium alloy Interim report, 1 Jul. - 15 Dec. 1966	1967
19670071452	Advanced composite carbide nozzles Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670071465	Slow scanning rate T.V. systems	1967
19670071470	Honest John missile no. 609, round no. 541 RML /28 November 1966/ Meteorological data report	1967
19670071473	Phase shift varactor-detector diodes Final progress report	1967
19670071488	Qualification testing study and test program of integrated circuits Quarterly report, 1 Oct. 1965 - 31 Jan. 1966	1967
19670071489	Orbiting data relay network Final report, 8 Aug. 1966 - 8 Feb. 1967	1967
19670071491	Solid state light amplifiers /amplificons or oprons/	1967
19670071493	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report no. 2, Oct. - Dec. 1966	1967
19670071495	Rocket propulsion nomenclature	1967
19670071502	Nike-Hydac STV /SR-045/ Meteorological data report, 5 Jan. 1967	1967
19670071503	Honest John, missile number 688, round number 542 AML Meteorological data report, 29 Nov. 1966	1967
19670071511	Development of redraw techniques for thin-walled columbium alloy tubing Interim engineering progress report, Oct. 1966 - 15 Jan. 1967	1967
19670071526	Chemical vapor deposited materials for electron tubes Quarterly report, 15 Aug. - 14 Nov. 1966	1967
19670071550	Advanced concepts for improved semiconductor techniques Interim technical report, 2 Sep. - 1 Dec. 1966	1967
19670071569	Qualification tests on the Delta Petroleum Company formula no. 42 SC grade 1100 aircraft engine oil Final report, 17 Oct. - 22 Dec. 1966	1967
19670071583	Sorption properties of activated carbon Bimonthly progress report, Aug. - Oct. 1966	1967
19670071597	Compatible active thin-film integrated structures, phase III Final report, 10 Nov. 1965 - 9 Nov. 1966	1967
19670071598	Microcircuit latch-up	1967
19670071600	Rendezvous guidance study Final report	1967
19670071613	Surveillance of the MK 5 Mod O delay cartridge	1967
19670071615	Review of recent developments - Nickel- base and cobalt-base alloys	1967
19670071625	Accelerations on aircraft induced by the earth's rotation	1967
19670071640	Report of environmental tests of 15-gal, high-density polyethylene container Technical memorandum, Oct. 1965 - Jan. 1966	1967
19670071707	EW crossed-field amplifier Quarterly progress report, 15 Jul. - Oct. 1966	1967
19670071717	Investigation of total energy absorption in omnidirectional gamma-ray, bremsstrahlung and neutron fluxes Status report no. 3, 1 Mar. - 30 Nov. 1966	1967
19670071730	Development of refractory extrusion liners Interim engineering progress report, 15 Jul. 1966 - 15 Jan. 1967	1967
19670071733	Evaluation of American standard's gas actuated thermometers Final evaluation report	1967
19670071735	Measurement techniques for the directional spectral intensity of low energy protons, including the construction of a prototype instrument Semiannual report, 1 Jul. - 31 Dec. 1966	1967
19670071740	Selected studies of molecular organization and mental function Semiannual status report, 1 Aug. 1966 - 1 Feb. 1967	1967
19670071746	Advanced propellant synthesis, July - September 30, 1966 /U/	1967
19670071748	Research on the thermicon image tube /U/ Quarterly report, Jul. 10 - Oct. 9, 1966	1967
19670071766	Birefringence in amorphous solids with application to solid light modulators	1967
19670071769	Studies of development of stress response mechanisms Semiannual progress report, 2 Sep. 1966 - 16 Mar. 1967	1967
19670071770	Measurement of intensity of turbulence in drag reducing and non-drag reducing organic solutions Semiannual report, 1 Aug. 1966 - 1 Feb. 1967	1967
19670071772	Ground investigations of flight experiments on primates in long duration zero-G Quarterly status report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670071773	Mission Analysis Technique for Experiments /MATE - BHA 0133/, Volume 1 Final report	1967
19670071790	Nike-Apache DRS NASA 14.299 UA /18 November 1966/ Meteorological data report	1967
19670071802	Athena D-038, flight number 062 /15 December 1966/ and Athena D-042, flight number 063 /16 December 1966/ Meteorological data report	1967
19670071809	Notes on potential Martian soil mechanics problems and proposed areas of research	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670071814	Little John /MRRS/ missile no. 1360, round no. 3 /9 December 1966/ and missile no. 1285, round no. 4 /9 December 1966/ Meteorological data report	1967
19670071817	Research achievements review, volume II	1967
19670071818	Improved fluid connectors	1967
19670071819	Main seal technology for vent valves	1967
19670071820	Fluid mechanics	1967
19670071821	Large engine technology	1967
19670071822	J-2 experimental engineering program /J-2X/	1967
19670071823	Wright-Patterson Air Force Base reconnaissance multisensor target range Final report, 1 Jul. 1965 - 30 Jun. 1966	1967
19670071839	Attitude control rocket exhaust plume experiment Final report, 15 Mar. 1966 - 28 Feb. 1967	1967
19670071840	Stress analysis of solid propellant grains under transverse acceleration loads	1967
19670071841	Fabrication development of hollow balls Final technical report, 1 Jun. - 31 Dec. 1966	1967
19670071842	Reflector antenna zoom techniques Quarterly report, 23 Jun. - 23 Sep. 1966	1967
19670071845	Development of molecular electronic display structures Interim technical report, 1 Sep. - 30 Nov. 1966	1967
19670071846	A magnetic annular arc driven shock tube	1967
19670071848	Liquid laser parameters Semiannual technical report, Aug. 1, 1966 - Jan. 31, 1967	1967
19670071850	Study of airborne millimeter radar techniques Quarterly report, 21 Jul. - 21 Oct. 1966	1967
19670071852	Long-range seismic measurements program participation in Project Early Rise	1967
19670071853	Multicomponent strain seismograph Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670071854	ALARR vehicle stability, July 1964 - November 1966	1967
19670071855	High temperature extrusion lubricants Interim engineering progress report no. 6, 1 Oct. - 31 Dec. 1966	1967
19670071858	Computer model for evaluating effectiveness of built-in test capabilities in avionic equipment /AN/APQ-92 or equivalent/ Final report	1967
19670071859	Nike-Cajun vertical probe launch report /one vehicle launched 30 October 1966/ Interim report	1967
19670071860	Electronics research at FOA	1967
19670071861	Mechanics and engineering in Ireland	1967
19670071862	Engineering mechanics at the Technion - Israel Institute of Technology	1967
19670071863	Research on selected quantum electronics problems Interim engineering report, 1 Sep. - 30 Nov. 1966	1967
19670071866	Diode, millimeter wave type mixer /3.2 mm/ Quarterly report, 1 Jul. - 30 Sep. 1966	1967
19670071867	A study of the electronic configuration and behavior of the -NF2 group Final report, 1 Mar. 1963 - 31 Dec. 1966	1967
19670071874	Faraday rotation data - Bangkok, Thailand Geophysical data report, Jul. - Dec. 1966	1967
19670071875	A detector-recorder for ultrasonic radiation pressure	1967
19670071876	Dynamic mechanical properties of solid propellants Final technical summary report, 27 Nov. 1963 - 26 Nov. 1965	1967
19670071884	Automatic color separation Final report, Feb. - Sep. 1966	1967
19670071889	Brazing beryllium by capillary flow Final report, 1 Jul. 1965 - 30 Sep. 1966	1967
19670071910	Propellant stress analysis Progress report, Jun. 1, 1966 - Jan. 30, 1967	1967
19670071912	Ten watt, CW CO2 gas laser Interim technical report, 1 Oct. - 31 Dec. 1966	1967
19670071913	Design and development of integrated semiconductor circuits utilizing field-effect devices Interim development report, 1 Oct. 1966 - 1 Jan. 1967	1967
19670071914	A study of d-c pumped quadrupole amplifiers	1967
19670071917	Transistor, VHF, silicon, power /special purpose/ 50w, 76MHz Technical report, 1 May - 31 Jul. 1966	1967
19670071918	Human reaction to shipboard vibration - A study of existing literature	1967
19670071953	Dissemination of aerosol particles by forming clouds Technical report, Jun. - Sep. 1966	1967
19670071957	Effect of plasticizers on the strength of a plastic motor case. Part I - Shear creep of segments immersed in plasticizer	1967
19670071960	Continuously variable laser-acoustic delay lines Quarterly report, 27 Oct. 1966 - 26 Jan. 1967	1967
19670071971	Fabrication methods with molded shims for aerodynamics surface control Quarterly report, period ending 1 Jan. 1967	1967
19670071973	State of the art review on helicopter transmissions, turboprop gearboxes and lubrication thereof	1967
19670071993	Design and fabrication of modern filter crystals	1967
19670071999	Five megacycle fifth overtone resonators	1967
19670072013	Some accuracy limiting effects in an atomic beam frequency standard	1967
19670072030	Qualification test report for model specification S-133-111-1-120 and qualification supplement I thereof, motor generator exciter /figure A 1475M/	1967
19670072034	Atlas vehicle 89D flight evaluation report	1967
19670072037	Application of computer facilities for the determination of size distribution in polymer lattices	1967
19670072040	Pulse compression tubes Quarterly progress report, 1 Jul. - 30 Sep. 1966	1967
19670072041	Long-life cold cathode studies for crossed-field tubes Quarterly report, 15 Jul. - 15 Oct. 1966	1967
19670072042	Surface-wave propagation over lossy structures with application to the optical spectrum	1967
19670072045	Adaptive phased array radar system Final report	1967
19670072046	G-band and X-band dual-function oscillators Quarterly report, 1 Jun. - 30 Aug. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072048	Re-entry communications - Antenna impedance and radar reflection recorded during the re-entry of a Trailblazer rocket vehicle on 14 February 1966	1967
19670072056	CW laser system for the generation of single-frequency light Final engineering report, Mar. 11, 1966 - Mar. 11, 1967	1967
19670072057	CW laser system for the generation of single-frequency light	1967
19670072058	Single frequency light from an argon FM LASER, appendix A	1967
19670072066	Study, investigation and development of non-destructive reliability screening of metallized Mylar capacitors Final report, 1 Feb. 1965 - 31 Jul. 1966	1967
19670072067	Aerobee NB 3.194 /14 December 1966/ Meteorological data report	1967
19670072068	Nike-Hydac STV /Sr-044/ /1 December 1966/ Meteorological data report	1967
19670072069	Development of joining technique for TD NICKEL-CHROMIUM Interim progress report, Oct. 1, 1966 - Jan. 1, 1967	1967
19670072070	Review of MIL-E-1 microwave tube test methods	1967
19670072071	Development of processing techniques for the extrusion of metal powders Interim engineering progress report, 15 Nov. 1966 - 15 Jan. 1967	1967
19670072073	Hyperenvironmental radome evaluation techniques Interim report no. 2, 1 Oct. - 31 Dec. 1966	1967
19670072075	Aircraft ground-flotation investigation. Part X - Data report on test section 9	1967
19670072079	Population inversion and laser oscillation in atomic and molecular gases	1967
19670072081	Metallurgical studies of fatigue damage in maraging steel	1967
19670072084	Radiative effects on explosive instability Final report	1967
19670072088	Solutions of trajectory problems with prespecified coasting and staging by the generalized Newton-Raphson technique	1967
19670072090	Manufacturing methods for plastic airframe structures by filament winding Third quarterly report, Nov. - Jan. 1967	1967
19670072092	Open cycle magnetohydrodynamic generator research Quarterly report no. 7	1967
19670072093	Design, development, and fabrication of an ultra-high-resolution cathode-ray tube Sixth quarterly report, 5 Apr. - 5 Jul. 1966	1967
19670072104	S-C band O-type multipurpose TWT MANUFACTURING methods program Interim engineering progress report, 1 Nov. 1966 - 1 Feb. 1967	1967
19670072106	Development of a broadband, S-band amplifier for use in the signal processing test facility Quarterly report, 28 Jun. - 27 Sep. 1966	1967
19670072107	High power gas laser research Final report, 1 Jul. 1965 - 30 Jun. 1966	1967
19670072109	On the effect of a rigid counter current on the hose instability	1967
19670072112	Dispersion strengthened material evaluation program feasibility for structural mechanical fasteners - 1400deg - 2200deg F Interim technical report, Nov. 1966 - Jan. 1967	1967
19670072119	A study of the terminal trajectory dynamics for the M-2 and HL-10 lifting body vehicles	1967
19670072120	Chemical Propulsion Newsletter, volume 3, no. 6 /U/	1967
19670072123	Transonic Aerodynamic Characteristics of a Variable-wing-sweep Tactical Fighter Model, Phase 5 /U/	1967
19670072143	Internal type "O" traveling-wave tube attenuator program Final report	1967
19670072144	Internal type O traveling-wave tube attenuator program	1967
19670072153	Operation DISTANT PLAIN, volume II PRELIMINARY report	1967
19670072154	Fundamental blast measurements	1967
19670072155	Dynamic pressure impulse measurements with passive instrumentation	1967
19670072156	Design and fabrication of a bi-axial drag gage	1967
19670072157	Monitor crater studies	1967
19670072158	Earth motion measurements	1967
19670072159	Shock spectrum measurements	1967
19670072160	Biomedical studies	1967
19670072161	Photographic interpretation	1967
19670072162	Technical photography	1967
19670072163	Preproduction and qualification testing of external electric power connecting equipment Twelfth interim report, 21 Sep. - 6 Dec. 1966	1967
19670072164	Evaluation of external power connecting equipment Fourth interim report, Jan. - Dec. 1966	1967
19670072175	Experimenter's design handbook for the Manned Lunar Surface Program Final report, 1 Jul. 1965 - 31 Aug. 1966	1967
19670072176	Development of methods for analysis of low temperature stability characteristics of MIL-L-23699A synthetic lubricating oils Final report	1967
19670072177	Investigation of the structure of ceramics for electronic application Progress report, 1 Jul. - 31 Dec. 1966	1967
19670072179	Charge-controlled storage display panel Quarterly report, 1 Jul. - 30 Sep. 1966	1967
19670072225	Activity of noncontractile import vacuoles and mode of osmoregulation in salt flagellates Choanogaster with notes on the function of pusules	1967
19670072226	The high-speed cascade wind tunnel of the Deutsche Forschungsanstalt fuer Luftfahrt /DFL/ Braunschweig	1967
19670072228	On the fine structure of helium triplets	1967
19670072229	Measuring the kinetics of thermal decomposition of calcium carbonate on an optically recording spiral thermal balance	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072230	The French-Soviet satellite	1967
19670072231	Nose section design for rotating-wing supersonic aircraft	1967
19670072232	Refractory borides - Particular study of titanium and zirconium borides, preparation, properties, and applications	1967
19670072233	The determination of the space potential by means of hot probes	1967
19670072234	Experimental study of convection in the curved portions of tubes of circular cross section	1967
19670072235	Effect of convection on an electric arc	1967
19670072236	Scientific mission support study for Mars flyby	1967
19670072237	Wave propagation in a plane for small perturbations	1967
19670072238	Approximate potential curves for molecules	1967
19670072241	Preparation of Cl36-labeled trichloroethylene by chlorine exchange, preliminary experiments for its application to the study of corrosion processes	1967
19670072242	Similar solutions for compressible boundary layers with heat transfer and removal by suction or pressure	1967
19670072256	Experimental demonstration of energy storage substations for aircraft actuations functions Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967
19670072265	Evaluation of vacuum-induction-melted 18Ni/180/ and 18Ni/250/ maraging steels	1967
19670072266	An evaluation of plates from a 12-ton vacuum-arc-remelted heat of 12Ni-5Cr-3Mo steel	1967
19670072267	A statistical study to develop an experimental Ni-Cr-Mo HY-110 steel	1967
19670072268	The effects of heat treatment on the mechanical properties of HY-130/T/ steel weld metals	1967
19670072269	Welding characteristics of carbon-containing experimental HY-180/210 steels	1967
19670072276	Storable concentrated hydrogen peroxide Quarterly progress report, Sep. - Nov. 1966	1967
19670072332	Data processing for improved antenna resolution Final report, 1 Jun. 1965 - 31 Aug. 1966	1967
19670072333	Large-scale integrated circuit arrays Interim technical report, Oct. 1 - Dec. 31, 1966	1967
19670072335	Zero five eight zero two Lance Missile no. TP-11, round no. 038 RBL /29 November 1966/ Meteorological data report	1967
19670072336	A trace contaminant analysis test on air samples, phase II	1967
19670072337	Characteristics of forward-facing blackbody infrared sources in a Mach number 1.77 airstream	1967
19670072349	Mach number 10 pressure and heat-transfer tests of an 8-deg cone with cylindrical sting-type afterbodies	1967
19670072350	Effects of symmetrical mass addition on the drag and static-stability characteristics of a 7.25-deg cone at Mach number 8	1967
19670072359	ALARR pullups, September 1965 - February 1966	1967
19670072360	The development of methods for determining the collapse and critical loads for a hemispherical shell subjected to an underwater explosion Final report, Nov. 22, 1965 - Nov. 21, 1966	1967
19670072364	Effect of aluminum, carbon, and nitrogen on the properties of 9Ni-4Co-1Mo-Al steel	1967
19670072370	New methods leading to high efficiency in traveling-wave tubes Quarterly progress report, 1 Jun. - 31 Aug. 1966	1967
19670072375	Research and development of new and improved cutting tool materials Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1967
19670072376	Extension of frequency standards to submillimeter and optical wavelengths Semiannual progress report, 1 Mar. - 31 Oct. 1966	1967
19670072385	Review of recent developments - Mechanical properties of metals	1967
19670072386	Photometry of the planets Final report	1967
19670072404	Effect of variations in phosphorus, vanadium, nitrogen, aluminum, and oxygen on the mechanical properties of 5Ni-Cr-Mo-V steel	1967
19670072405	The selection of optimum compositions for an experimental Ni-Cr-Mo HY-110 steel	1967
19670072406	Development of an HY-180/210 weldment Progress report	1967
19670072407	Development of an HY-110 weldment Progress report	1967
19670072410	Three hundred deg C semiconductor for power devices Interim technical report, 1 Oct. - 31 Dec. 1966	1967
19670072411	Development of die materials for hot extrusion of steel and refractory metals Sixth interim technical engineering report, Sep. 30 - Dec. 31, 1966	1967
19670072416	Influence of oxidation products on the chemiluminescent oxidation of tetrakis/dimethylamino/ethylene	1967
19670072419	Measurement and analysis of nuclear radiation heating in selected shielding materials Technical report, 1 Oct. 1965 - Sep. 1966	1967
19670072421	Force tests of the Saturn V LOR and Saturn 1B/AS-206 configurations at Mach numbers 1.5 through 8	1967
19670072422	Supersonic wind tunnel tests of an aerodynamically compensated pilot-static probe	1967
19670072423	An investigation of speed and accuracy of direct manual readout of a coded data block	1967
19670072429	A 13-digit parallel size 11 optical encoder	1967
19670072430	Aeroelastic stability of an array of full- scale panels from the Saturn S-IVB stage at transonic Mach numbers	1967
19670072439	The effect of rapid heat treatment on the mechanical properties of 1/2-through 3-inch-thick plates of HY-130/T/ steel	1967
19670072451	Extended investigation of HY-130/150 WELDMENTS Progress report	1967
19670072463	Effect of cobalt and strong carbide formers on the mechanical properties of 8Ni-Cr-Mo- Co steels	1967
19670072468	Halogen passivation studies Final report, 1 Nov. 1965 - 31 Oct. 1966	1967
19670072473	Seismic Data Laboratory quarterly technical summary report, October - December 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072476	Effects of repeated heat treatments on some physical properties of 17-4 PH steel	1967
19670072523	Broadband UHF transistor structure Interim technical report, 1 Oct. - 31 Dec. 1966	1967
19670072525	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, Sep. 21 - Dec. 20, 1966	1967
19670072527	Performance evaluation of the Saturn instrument unit environmental control system sublimator under simulated flight conditions	1967
19670072531	The staging analysis program /BHA-0134/	1967
19670072532	Flight mechanics and controls summer student project, 1966	1967
19670072533	Advanced thin-film solar cells Final report, Nov. 16, 1965 - Nov. 15, 1966	1967
19670072534	Research on piezjunction sensors Interim report, 1 Nov. 1966 - 1 Feb. 1967	1967
19670072536	Specimen temperatures during electropolishing of thin foils for electron microscopy	1967
19670072538	Portable moving electron beam welding system Interim engineering progress report no. 2, 1 Oct. - 31 Dec. 1966	1967
19670072541	The effect of electron lifetime on the electroluminescence of diffused GaAs diodes	1967
19670072542	A comparison of proximity analysis with parametric mapping Interim technical report Aug. 1965 - Aug. 1966	1967
19670072543	Design criteria and specifications for Mark I repressurization and ventilation systems	1967
19670072544	Close tolerance forgings from powder metallurgy preforms Interim engineering progress report 30 Jun. - 31 Dec. 1966	1967
19670072546	A generalized predictor-corrector method for the solution of systems of ordinary differential equations	1967
19670072547	Coalescence of single drops at liquid-liquid and liquid-solid interfaces Technical report, 15 Oct. 1965 - 15 Oct. 1966	1967
19670072552	Development of extruding, drawing, and heat treating processes for steel extrusions Interim engineering progress report no. 6, 1 Oct. - 31 Dec. 1966	1967
19670072559	Analysis of pneumatic hammer instability of inherently compensated hydrostatic thrust gas bearings Interim report, Jan. - Dec. 1966	1967
19670072560	Heating in regions of interfering flow fields. Part II - Leading edge shock impingement Technical report, 1 Jan. 1964 - 31 Jul. 1966	1967
19670072563	Computation by the method of characteristics of disturbance in an elastic half-space caused by blast-like surface loading Technical report, Jan. 1961 - Sep. 1966	1967
19670072566	In-space propellant orientation and venting experiments Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670072578	The absorption spectrum of a three-body F-center model	1967
19670072584	Integrated microwave receiver techniques study Quarterly report, 12 Aug. - 11 Nov. 1966	1967
19670072587	Development of integrated X-band parametric amplifier/cryogenic refrigerator system Final report, 25 Jan. 1964 - 25 Jan. 1966	1967
19670072589	Photosensitive array correlator Quarterly report 1 Oct. 1966 - 1 Jan. 1967	1967
19670072590	Semiconductor laser digital devices Final report, 2 Aug. 1965 - 31 Aug. 1966	1967
19670072593	Diffusion bonded titanium alloy honeycomb panels Final report, 13 Jul. 1964 - 31 Dec. 1966	1967
19670072595	Emulsified fuel/J-79 engine Final report	1967
19670072596	Nike-Cajun DRS NASA 10.106 GM /9 December 1966/ Meteorological data report	1967
19670072622	Research on Direct Nuclear Pumping of Gas Laser /DNPGL/ Interim report, 1 Oct. 1966 - 20 Jan. 1967	1967
19670072624	Phase II-C Final technical progress report	1967
19670072631	Research on materials essential to cryocooler technology Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670072634	Analysis of explosives by X-ray diffractometry	1967
19670072635	Development of a non-destructive radiation effects prediction technique Fourth quarterly progress letter, period ending 31 Dec. 1966	1967
19670072639	On the interaction of molecules with the surface of a solid body	1967
19670072650	Integrated circuits study II Final report, May 1966 - Jan. 1967	1967
19670072655	Avalanche mode photodiodes for heterodyne techniques at 1.06 microns Quarterly report	1967
19670072656	Investigation of high power gaseous electronics Quarterly report, 1 Aug. - 31 Oct. 1966	1967
19670072657	Study of crossed-field amplifiers Quarterly progress report, 16 Jun. - 15 Sep. 1966	1967
19670072658	Study of microwave generation utilizing double-stream instabilities in anisotropic media Quarterly progress report, 1 Jul. - 30 Sep. 1966	1967
19670072659	Production tool for diffusion bonding Interim engineering progress report, 1 Nov. 1966 - 28 Feb. 1967	1967
19670072660	Revision of the Kwajalein atmospheric model	1967
19670072661	Optimum coherent optical receiver techniques Interim report, 30 Sep. - 30 Dec. 1966	1967
19670072664	Most probable winds for fallout calculations	1967
19670072665	Doppler optical navigator Interim engineering report, 1 Dec. 1965 - 28 Feb. 1966	1967
19670072672	Development of a low-cost medium-speed mass random-access memory Final report, 30 Jun. 1965 - 1 Oct. 1966	1967
19670072675	Kinetics of decomposition of solid oxidizers Quarterly report, 1 Sep. - 30 Nov. 1966	1967
19670072676	Laser /optical maser/ beam fusion welding Interim engineering progress report, 1 Aug. - 31 Oct. 1966	1967
19670072677	Fluerics terminology, nomenclature, and schematics	1967
19670072678	Technical evaluation of radar data link AN/TXQ-3 Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072682	Microminiature integrated circuit crystal oscillator Interim report, 25 Apr. - 25 Oct. 1966	1967
19670072683	An in-place flowmeter calibration system for use with noncryogenic, high-vapor-pressure liquids	1967
19670072684	Nike-Apache Speedball II round no. 97, SN 43 /16 February 1967/ Meteorological data report	1967
19670072685	Development of an automated viscoelastic grain structural analysis. Volume I - Program description Final report	1967
19670072686	Development of a practical Tacan sitting criteria Final report	1967
19670072689	Two-port network theory of transducers	1967
19670072690	Pressure bag molding of a silicone nose cone using a semirigid top form	1967
19670072691	Laser mode-locking with saturable absorbers	1967
19670072692	Development of transmitter tube for troposcatter applications Triannual report, 1 Jun. - 30 Sep. 1966	1967
19670072693	Investigation of porous lithium battery electrodes	1967
19670072694	Identification of exhaust species from the combustion of LM and LMH fuels Quarterly report, 1 Sep. - 1 Dec. 1966	1967
19670072695	Self Q-switched laser material Interim report, 1 Aug. 1966 - 1 Feb. 1967	1967
19670072696	Wind tunnel tests of several third-stage USNOTS sled configurations at Mach numbers 6 and 8 Technical report, Jul. 1-12, 1966	1967
19670072697	Screen temperatures during the summers 1962-1966 at Hazen Camp, Ellesmere Island, N.W.T.	1967
19670072698	Aerodynamic characteristics of non-straight- taper wings Final report, 15 Jun. 1965 - 15 Apr. 1966	1967
19670072699	Low power proportional control crystal ovens, type M6 and N13 Final report, 1 Jul. 1965 - 31 Oct. 1966	1967
19670072700	Microwave electronically variable ion beam time delay device study Interim report, Oct. - Dec. 1966	1967
19670072701	Buckling of microfibers. Part I - Classical microfibers without couple stresses	1967
19670072703	Chemi-ionization and chemi-excitation in the oxidation of gaseous carbon Interim report, 1 Jan. - 31 Jul. 1966	1967
19670072704	Gas density fluctuations in the hypersonic turbulent wake of a sharp, slender cone Interim report, 1966	1967
19670072709	Research and development of cathodoluminescent phosphor with excitation-time-dependent color Interim report, 1 Jul. 1965 - 15 Aug. 1966	1967
19670072710	A technique for studying the dynamic spectrum of long period geomagnetic pulsations	1967
19670072711	Increase of the product of luminosity x resolution of interferometers by utilizing a difference of path length independent of the incidence, XII	1967
19670072712	A new method of spectroscopy utilizing the Fourier transform	1967
19670072719	Techniques for large-area electronic display panel Quarterly report, 1 Jun. - 31 Aug. 1966	1967
19670072724	The construction, testing and delivery of a ballistic flow prover system Final report, 1 Nov. 1965 - 14 Oct. 1966	1967
19670072725	Interferential spectrometry through amplitude modulation	1967
19670072726	The determination of hypersonic drag coefficients for cones, biconics, and triconics	1967
19670072727	Feasibility of joining advanced composite flight vehicle structures Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670072730	Wideband interferometer radar study Final report	1967
19670072731	Optimum forming processes and equipment necessary to produce high quality, close tolerance titanium alloy parts Interim engineering progress report no. 2, 1 Oct. 1966 - 31 Jan. 1967	1967
19670072732	A basic study of the sliding contacts in rolling bearings Quarterly progress report, Oct. 16, 1966 - Jan. 16, 1967	1967
19670072734	Alaska radar auroral studies Final report	1967
19670072735	JP-4 fueled molten carbonate fuel cells, July 1 - December 31, 1966	1967
19670072736	Ion implantation doping techniques Interim technical report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670072737	Effects of flow ejection through an attitude sensor probe at free-stream Mach numbers from 1.5 to 6 and angles of attack to 50 deg	1967
19670072738	Supersonic multiple bomb rack /design study/ Final report, Jul. 1965 - Apr. 1966	1967
19670072739	Static electricity and its effects	1967
19670072740	Elevated temperature ductility minima and creep strengthening of coated and uncoated columbium alloys Technical report, 1 Sep. 1965 - 30 Aug. 1966	1967
19670072742	Experimental testing of size 204 ball and roller bearings for use in miniature cryogenic compressors Final report, Jul. 1965 - Jul. 1966	1967
19670072743	Gunn effect devices Quarterly technical report, 15 Aug. - 15 Nov. 1966	1967
19670072744	Advanced chemical milling processes Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1967
19670072747	NATO glossary of military terms and definitions in English and French	1967
19670072748	Research on the resonant gate transistor Interim report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670072749	In-flight decision system Final report, Dec. 1965 - Dec. 1966	1967
19670072750	Imaging p-n junction photocathode Interim technical report, Nov. 1966 - Jan. 1967	1967
19670072751	Investigation of possible advantages of utilizing heated rolls for hot rolling metals Final report, 18 May 1965 - 31 Jan. 1967	1967
19670072754	A correlation of pressure, duration, and impulse due to the shock interaction transient on supersonic vehicles	1967
19670072768	Microwave electronically variable ion beam time delay device study Interim report, Jun. - Sep. 1966	1967
19670072769	Research on improved epoxy resins Quarterly progress report, Nov. 1, 1966 - Feb. 1, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072770	The exploration of the future	1967
19670072773	Electronically tunable parametric amplifier Final report, Jun. 1965 - Dec. 1966	1967
19670072774	Detection of water in jet fuel and residual fuel. Item 1 - Breadboard instrumentation Progress report, Dec. 21, 1966 - Feb. 21, 1967	1967
19670072778	Automated digital computer program for determining responses of electronic circuits to transient nuclear radiation /SCEPTRE/. VOLUME I - SCEPTRE users' manual Technical report, Jun. 1965 - Sep. 1966	1967
19670072779	Infrared reconnaissance and camouflage	1967
19670072782	Hydrodynamic compressive forging Final technical report, 21 Jun. 1965 - 28 Nov. 1966	1967
19670072783	Evaluation of composite materials for gas turbine engines Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1967
19670072784	Evaluation of low cost materials and manufacturing processes for large solid rocket nozzles. Analysis of performance, nozzle no. 1	1967
19670072785	Sequential Independent Model Block Analytical Triangulation /SIMBAT/. APPENDIX D - Operating instructions and documentation for single camera resection coordinate transformation	1967
19670072786	Investigation of techniques to evaluate design tradeoffs in lifting reentry vehicles. Volume I - Prediction techniques for generalized reentry vehicle configurations Final report	1967
19670072788	Rapid annealing in silicon transistors Technical report, Mar. - Oct. 1966	1967
19670072790	Simulation of the photographic performance of the 60-inch Cassegrainian telescope	1967
19670072791	Thermomechanical strengthening of F. C. C. metals Summary technical report, 1 Jan. - 31 Dec. 1966	1967
19670072792	Manufacturing process development for roll bonded titanium alloy structural sections Interim progress report, 11 Nov. 1966 - 31 Jan. 1967	1967
19670072794	Metal-organic compounds for vapor-plating application Final report, 1 Jun. 1965 - 31 Jul. 1966	1967
19670072795	High pressure extrusion development Second interim technical engineering report, 1 Oct. 1966 - 1 Jan. 1967	1967
19670072797	Research on crystal growth and characterization and high temperature and laser materials Semiannual report, Jul. 1, 1966 - Jan. 1, 1967	1967
19670072801	Real and apparent stereo model deformation	1967
19670072810	Parametric investigation of VTOL hot gas ingestion and induced jet effects in ground proximity Final report	1967
19670072811	The use of loading for small chaff elements	1967
19670072812	A sonic boom study for the structural engineer	1967
19670072813	Forward error correction for landline and microwave links Final report	1967
19670072815	Microelectronic integrated circuit accelerated life tests Final report	1967
19670072817	Affine deformation of the stereo model Final report	1967
19670072819	High power RF window study Final report, 1 Jun. 1965 - 30 Sep. 1966	1967
19670072821	Thermo-electric-cyclotron-resonance in semiconductors Technical report, Sep. 1965 - Dec. 1966	1967
19670072822	Propellant ingredient safety Quarterly report, Oct. 1 - Dec. 31, 1966	1967
19670072823	Large-area electronic display panel Quarterly progress report, 1 Sep. - 30 Nov. 1966	1967
19670072824	Auroral backscatter wavelength dependence studies Interim report, 3 Jun. - 3 Dec. 1966	1967
19670072825	Flexible integrated solar cell array Quarterly report, 1 Dec. 1966 - 1 Mar. 1967	1967
19670072826	Hot firing evaluation of spiral wound ribbon structures for transpiration/film cooling Quarterly progress report 1 Oct. - 31 Dec. 1966	1967
19670072830	Melting of polymers	1967
19670072834	Microwave ultrasonics	1967
19670072838	Investigation and evaluation of motor insulation for multiple restart application First phase report, 2 May 1966 - 15 Jan. 1967	1967
19670072840	Investigation of fast wave beam/plasma interactions Quarterly report, 1 Sep. - 30 Nov. 1966	1967
19670072841	Truncation errors in the vertical extension of gravity anomalies by Poisson's integral theorem, June - September 1966	1967
19670072846	Deleted record	1967
19670072856	Stellar Acquisition Feasibility Flights /STAFF/ Program progress report, 1-31 Dec. 1966	1967
19670072859	Design Automation Working Group 17th Meeting Bulletin	1967
19670072865	Technical evaluation of digital moving target indicator Final report	1967
19670072868	Properties of rocks tested in one-dimensional compression Technical report, Jul. 1964 - Aug. 1966	1967
19670072869	Development of L-band solid state radiosonde transmitter Quarterly report, 1 Aug. - 31 Oct. 1966	1967
19670072871	High specific impulse thermal arc jet thruster technology. Part II - Performance of Hall arc jets with lithium propellant Summary technical report, 1 Apr. 1965 - 31 Mar. 1966	1967
19670072873	Investigation of thermodynamic properties of rocket combustion products Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967
19670072874	Theoretical and experimental investigations on flexible wings	1967
19670072875	Continuous spectra	1967
19670072878	Review of recent developments - Titanium and titanium alloys	1967
19670072879	Production engineering measure for subminiature, high reliability ceramic capacitors Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670072880	Evaluation of pole face losses for the 467 KVA experimental generator Final report, Jan. 1965 - Jul. 1966	1967
19670072881	Surface finishing of fine beryllium wire Interim engineering progress report, 1 Oct. 1966 - 1 Feb. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072882	Qualification testing of MIL-L-23699A TURBOPROP and turboshaft engine candidate oil, Bray Oil Company formulation XX-199 FINAL report, Jan. - Dec. 1966	1967
19670072883	Plasma properties of selected electromagnetic window materials Technical report, Oct. - Dec. 1966	1967
19670072884	Nine year program on marine atmospheric exposures of protective coatings for steel Technical report, Feb. 1962 - Feb. 1966	1967
19670072885	Cytophysiological-ecological investigations on Enteromorpha clathrata /Roth/ greville	1967
19670072887	Low temperature synthesis of fluorine- containing species Annual report, Feb. 1, 1966 - Jan. 31, 1967	1967
19670072888	Study of fields in a rotating-mirror Q- switched laser Preliminary report	1967
19670072889	Electric-fluidic signal conversion development program Final engineering report	1967
19670072890	Research in nonlinear optics Final technical report, Sep. 1965 - Sep. 1966	1967
19670072892	Microwave generation by means of interaction with anisotropic media Quarterly report, 15 Jun. - 15 Sep. 1966	1967
19670072893	Asymmetry of the shape of the Ly-alpha line of the hydrogen atom	1967
19670072894	On a new silver oxide produced in surface reactions	1967
19670072895	Increase in the luminosity times resolution product of interferometers by using a path difference independent of the incidence	1967
19670072896	Collision broadening of spectral lines. Part I - The adiabatic contribution	1967
19670072897	Collision broadening of spectral lines. Part II - General theory of broadening by electron collision	1967
19670072898	Absolute radiation intensity of the solar disk center in the spectrum region 3288 less than or equal to lambda less than or equal to 12,480 angstrom	1967
19670072899	Ventilation systems for ships	1967
19670072900	Calibration of an aerodynamically compensated pitot-static probe for the F-4E aircraft at Mach numbers from 0.7 to 1.5	1967
19670072902	Research as to the feasibility of electron attachment to airborne molecules as a means of detection and identification, phase II FINAL report, May 1965 - Feb. 1967	1967
19670072903	Solar, lunar, and tidal data for barking sands, Kauai, Hawaii, during 1967	1967
19670072904	High temperature polymers from 1,3-dipolar addition reactions Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670072906	Development of continuous-tone free radical reproduction materials Final report, 5 Oct. 1964 - 30 Nov. 1966	1967
19670072907	Nike-Apache Speedball II round no. 98, SN 44 /21 Feb. 1967/ Meteorological data report	1967
19670072909	Solid state amplification, phase II QUARTERLY progress report, Oct. 1 - Dec. 31, 1966	1967
19670072911	Low attenuation of hydromagnetic waves in the ionosphere and implied characteristics in the magnetosphere for pc 1 events	1967
19670072915	Evaluation of flip/chip integrated circuit interconnections Final development report, 15 Oct. 1965 - 15 Oct. 1966	1967
19670072916	Improved nonflammable hydraulic fluid Final report, 10 May 1966 - 31 Jan. 1967	1967
19670072918	Investigation of the electrode migration and reaction process occurring in alkaline-zinc batteries Quarterly technical progress report, 1 Dec. 1966 - 1 Mar. 1967	1967
19670072919	Multiple target coherent optical receiver techniques Interim report, 10 Sep. - 10 Dec. 1966	1967
19670072920	Packaging concepts for uncased integrated circuit systems	1967
19670072922	Laser spectral control techniques Final report, 28 Jun. 1965 - 21 Aug. 1966	1967
19670072923	A study of electronically tunable microwave /X-band/ generators Final report	1967
19670072924	Evaluation of coefficients of observational equations for minitrack data Final report	1967
19670072925	Flight guidance in West Germany	1967
19670072927	Development of plane strain fracture toughness for handbook presentation Progress report, 1 Sep. 1966 - 1 Jan. 1967	1967
19670072931	Aerospace fluid component designers' handbook, volume II	1967
19670072935	Ion exchangers in removal of air contaminants	1967
19670072940	Semiconductor laser modulation techniques Quarterly progress report, 31 Jul. - 31 Oct. 1966	1967
19670072941	High-frequency backscatter from terrain with buildings	1967
19670072945	Lasers - An annotated bibliography	1967
19670072947	High temperature exploding wires	1967
19670072948	Extruding and drawing tantalum alloys to complex thin H-section Final technical report 1 Jul. 1963 - 31 Jan. 1966	1967
19670072949	A variable atmosphere hypersonic wind tunnel for similitude studies Final report, 1 Mar. 1965 - 18 Feb. 1966	1967
19670072953	Experimental double image enhancement viewer Final report	1967
19670072954	Zero five eight zero two Lance missile no. TP-8, round no. 039 RBT /27 February 1967/ Meteorological data report	1967
19670072955	Preparation of seasonings by the hydrolysis of proteins. Part. XI - Racemization of amino acids during hydrolysis of soybean meal	1967
19670072958	Kwajalein standard atmosphere	1967
19670072961	Development of techniques for vapor-plating passive film components on silicon integrated circuit wafers Final engineering report, 30 Jun. 1965 - 30 Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670072962	Investigation of Tacan antenna AS-686/URN-3 FOR Y-channel operation Final report	1967
19670072968	Flying qualities and performance evaluation of the QH-50D drone helicopter Final report	1967
19670072975	Random pattern processing techniques Interim technical report, 18 Mar. - 18 Sep. 1966	1967
19670072976	A closed-form equation for normal freezing with variable segregation coefficients	1967
19670072977	Nike-Iroquois vertical probe launch report /vehicle launched 14 October 1966/	1967
19670072979	Reflector antenna zoom techniques Quarterly report, 22 Jun. - 22 Sep. 1966	1967
19670072983	ALARR spin motor test Technical report, Jun. - Aug. 1966	1967
19670072985	Structural and solidification behavior in undercooled Ga-In eutectic alloy Final technical report	1967
19670072990	Athena B-045, flight no. 064 /9 February 1967/ Meteorological data report	1967
19670072993	Investigation of the thermodynamic properties of rocket exhaust products Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670072994	Transverse-wave high-power tube Final report, 1 Apr. 1965 - 30 Jun. 1966	1967
19670072995	Three two millimeter wave oscillator Final report, 1 Jul. 1965 - 30 Sep. 1966	1967
19670072996	A circuit to perform frequency addition on square waves	1967
19670072998	Studies on a detector paint containing B-1 dye Comprehensive report, Jul. 1966 - Jan. 1967	1967
19670073006	Study of decomposition of organic matter in soil by means of radioactive carbon. Part III - Decomposition of dialyzable soluble substances, proteins, and hemicelluloses	1967
19670073007	Study of decomposition of organic matter in soil by means of radioactive carbon. Part I - Kinetics of oxidation to CD2 of various radioactive substrates	1967
19670073008	Far infrared absorption spectra of some metal carbonates. An attempt at interpretation	1967
19670073009	A comparison of four control systems proposed for Saturn V launch vehicles	1967
19670073010	Dynamics of ascorbic acid in a biological body under prolonged high oxygen exposure	1967
19670073011	Study of decomposition of organic matter in soil by means of radioactive carbon. Part V - Decomposition of cellulose and lignin	1967
19670073014	The development of aircraft and rocket design in the Ukraine	1967
19670073015	Study on forced convective heat transfer in curved pipes	1967
19670073016	Turbulent flow on wavy walls	1967
19670073017	Little John missile no. 3637, round no. 649 AP and missile no. 3792, round no. 650 AP /30 November 1966/ Meteorological data report	1967
19670073018	Development of a 1-watt, 2-GHz silicon UHF power transistor Quarterly report, 1 May - 31 Jul. 1966	1967
19670073022	One-hundred-fifty-six inch fiberglass LITVC MOTOR program. Volume II - Nozzle design analysis Final technical report, 15 May 1965 - 30 Nov. 1966	1967
19670073023	Measurement techniques employed in wind- tunnel and free-atmosphere parachute tests	1967
19670073024	Calculation of the activity of Au198 on irradiation with thermal neutrons	1967
19670073026	Matrix elements for the 0 yield 3, 2 yield 3, 3 yield 4 vibration-rotation bands of diatomic molecules	1967
19670073027	Dual-channel/dual-speed recording system Final report	1967
19670073028	Analytical and experimental investigation of the low speed fixed geometry supersonic combustion ramjet. Volume I - Basic technology report Final report, Jan. 1965 - Mar. 1966	1967
19670073029	Oxidizer surface coating Quarterly progress report, Dec. 1966 - Feb. 1967	1967
19670073030	Production engineering measure for silicon linear integrated circuits Quarterly progress report, 20 Jul. - 20 Oct. 1966	1967
19670073033	Rocket launchings in Surinam for the study of winds in the ionosphere	1967
19670073036	Intrinsic infrared detector development Quarterly technical progress report, 5 Oct. 1966 - 4 Jan. 1967	1967
19670073039	Design study roll control of sea-sitting aircraft Final report	1967
19670073040	Supersonic transport program, phase II-C PROGRAM management report, Dec. 1966	1967
19670073046	Investigation of single crystal silicon ribbon Interim report, 1 Sep. - 30 Nov. 1966	1967
19670073050	Two-photon absorption laser detection technique Interim engineering report, 15 Sep. - 15 Dec. 1966	1967
19670073053	Supersonic transport program Summary letter report, Dec. 1966	1967
19670073055	One kW Ku-band pulsed coaxial magnetron Quarterly report, 15 Sep. - 15 Dec. 1966	1967
19670073056	Avalanche mode photodiodes for heterodyne techniques at 1.06 microns Interim report, Oct. 1966 - Jan. 1967	1967
19670073057	Process development for improved high- strength superalloy sheet Interim engineering progress report, 1 Sep. - 30 Nov. 1966	1967
19670073059	Investigation of convergent photography for base plant operation /evaluation of KC-2 PHOTOGRAPHY/ Final report	1967
19670073066	Microwave radiometer flight test program /U/ Final report, Aug. - Oct. 1966	1967
19670073071	Castable carbonaceous insulation development /U/ Quarterly technical report, 1 Oct. - 30 Dec. 1966	1967
19670073072	Infrared sensor arrays /U/ Interim technical report, 1 Oct. - 31 Dec. 1966	1967
19670073079	SV-5D prime. Preliminary flight evaluation, test flight no. 1 /U/	1967
19670073082	Oxidizer research Final report, Jul. 1965 - Jan. 1967	1967
19670073084	Advanced oxidizer research /U/ Semiannual report, 1 Jul. - 31 Dec. 1966	1967
19670073087	Development of a supersonic transport aircraft engine, phase II-C /U/ Final report, 1 Jul. 1965 - 31 Dec. 1966	1967
19670073088	Supersonic transport propulsion, phase II-C /U/ Final report	1967
19670073100	Advanced, fiber-reinforced tungsten nozzle Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073103	Performance of the Lockheed P-16 dual-thrust pulse solid-propellant rocket motor at simulated altitude conditions /U/	1967
19670073104	Combustion study of light metal based fuels /U/ Quarterly technical progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670073109	Combustion instability	1967
19670073120	Verification of a new liquid oxidizer /U/ Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670073121	Mixing of highly sensitive solid propellants /U/ Interim report, 1 Oct. - 31 Dec. 1966	1967
19670073123	Propellant binder symposium /U/	1967
19670073124	Osmodialysis - A method for determination of molecular weight and distribution of polymers in the range 500-25,000	1967
19670073125	Investigation of reactions in carboxyl- terminated polybutadiene and tris-1-/2- methyl/ aziridiny phosphine oxide	1967
19670073126	The mechanism of epoxy-carboxyl curing reactions in composite propellants	1967
19670073127	CTPB binder evaluation program	1967
19670073128	Characterization of C.T.P.B.	1967
19670073129	Butarez CTL-I polymers and propellants - Their reproducibility and aging characteristics /U/	1967
19670073130	Heat Sterilizable Propellant Binders	1967
19670073131	Preparation and characterization of the workhorse binder	1967
19670073132	Saturated hydrocarbon polymers in high energy propellant	1967
19670073133	New improved solid propellant binder system based on low viscosity saturated polymers /U/	1967
19670073134	New high-energy domino binders /U/	1967
19670073135	Development and scale-up of P-BEP SYNTHESIS /U/	1967
19670073136	Development of PBEP, a high-energy binder /U/	1967
19670073137	Acrylic prepolymer binders /U/	1967
19670073138	Ferrocene containing polymers /U/	1967
19670073139	Effect of low temperature storage on propellant properties /U/	1967
19670073140	Poly/perfluoroalkylene oxides/ /U/	1967
19670073141	Nitrosofluorocarbon polymer binders	1967
19670073142	Fluorocarbon binder system for propellants, pyrotechnics, and explosives	1967
19670073143	A study of binder thermal stability using an adiabatic calorimeter /U/	1967
19670073148	Altitude Tests of Two United Technology Center Subscale Titan III-M Booster Motors for Determination of Thrust Vector Control and Ballistic Performance	1967
19670073153	Supersonic transport propulsion, phase II-C /U/ Monthly technical progress report, Dec. 1966	1967
19670073154	Development of a supersonic transport aircraft engine, phase II-C /U/ Monthly progress report, 1-31 Dec. 1966	1967
19670073158	F-111A initial category II landing performance evaluation /U/	1967
19670073159	Visual and ultraviolet acquisition techniques /U/ Final technical report, 15 Feb. 1965 - 15 Oct. 1966	1967
19670073163	Evaluation of a prototype laser semiactive guidance system /captive/ /U/ Final report, 3 Jan. - 13 May 1966	1967
19670073166	Evaluation of a roll-stabilized gyro /U/ Final report, Jan. 1964 - Jun. 1965	1967
19670073171	High current density, short life cathodes for linear-beam tube /U/ Interim report, 1 Nov. 1965 - 31 Oct. 1966	1967
19670073172	Demonstration of a high-thrust hybrid thrust chamber assembly /U/ Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670073173	Ingredients for advanced propellants, October 1 - December 31, 1966 /U/	1967
19670073176	Fundamental research on the direct fluorination of organic compounds /U/ Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670073178	EPR study of NF decomposition /U/ Final technical report, 1 Apr. - 31 Oct. 1966	1967
19670073184	Hydrazoid X, a storable, high energy liquid rocket fuel /U/	1967
19670073185	Target-signature measurements /U/ Interim report, 1 Apr. - 30 Sep. 1966	1967
19670073186	Quarterly progress report, October 1 - December 31, 1966 /U/	1967
19670073187	Starlight scope /U/ Final report, Oct. 1966 - 20 Jan. 1967	1967
19670073188	Laboratory and field tests of General Electric infrared vidicon tube. Type Z7876 tube tested at Naval Missile Center from September 1965 - September 1966 /U/	1967
19670073189	Demonstration of an advanced transpiration- cooled thrust chamber /U/ Final report	1967
19670073191	Advanced wire-wound tungsten nozzles Quarterly report, 1 Aug. - 31 Oct. 1966	1967
19670073193	RK8129 Amplitron improvement program /U/ Interim development report, Jul. - Sep. 1966	1967
19670073194	Hydrazine nitrate catalyst development /U/ Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670073195	Fiber plastic helicopter landing pad /U/ Final report, 1 Oct. - 15 Nov. 1966	1967
19670073197	Broad band noise generator /U/ Quarterly progress report, 1 Jul. - 1 Oct. 1966	1967
19670073198	Monopropellant gas generator /U/ Quarterly report, 27 Sep. - 26 Dec. 1966	1967
19670073199	Development of a microwave radiometer sensor for missile guidance /U/ Final report, 15 Dec. 1965 - 14 Dec. 1966	1967
19670073202	High energy plasticizers /U/ Quarterly report, Oct. - Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073204	Continued development of a unique method of command thrust modulation /U/ Quarterly technical summary, 15 Sep. - 15 Dec. 1966	1967
19670073209	Solid rocket motor component aging study - A state of the art survey /U/ Final report, 3 Jan. - 31 Oct. 1966	1967
19670073210	Transition tests of ablating and nonablating 8-deg sharp cones at Mach number 10 /U/	1967
19670073212	Manufacturing process for energetic storable liquid oxidizer /U/ Interim progress report, 15 Oct. 1966 - 14 Jan. 1967	1967
19670073213	Radially distributed annular combustor for packaged liquid rocket engines /RADARC state of the art program/ /U/ Quarterly report, 11 Oct. 1966 - 10 Jan. 1967	1967
19670073220	Temperature fluctuations and striations in flux crystal growth, 1 October - 1 December 1966	1967
19670073224	Susceptibility to stress corrosion of the heat-affected zone in HY-130/150 and HY-80 steel	1967
19670073229	ALARR spin test, phase A Technical report, Jun. - Aug. 1965	1967
19670073231	The NMR and microwave spectrum of some deuterio-derivatives of 2,4 - dicarbaclavoheptaborane/7/	1967
19670073232	UACL YT74-CP-8A turboprop engine - Limited environmental and altitude performance tests Final report, 25 Jul. - 28 Sep. 1966	1967
19670073235	Investigation of the boron phosphide system Technical report, Aug. 1964 - Nov. 1966	1967
19670073239	Development of improved cutting fluids and lubricants Interim engineering progress report no. 1, 1 Dec. 1966 - 28 Feb. 1967	1967
19670073241	Techniques for integrating solid-state circuitry into antennas Interim technical report	1967
19670073242	Development of manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering progress report no. 4, 1 Nov. 1966 - 31 Jan. 1967	1967
19670073246	Rapid preparation of quick-cure resin test sites in Southeast Asia. Part I - Southeast Asia test program Technical report, 1 Jun. - 9 Oct. 1966	1967
19670073248	Experimental measurements in the near wake of a slender cone at Mach numbers 8 and 10 Technical report, Aug. 12 - Oct. 12, 1966	1967
19670073253	Liquid rocket system conjugate structure and tankage program Progress report, 1 Sep. - 30 Nov. 1966	1967
19670073256	Advanced radar reflector studies Interim summary report	1967
19670073258	Elastomeric and mechanical properties of poly-m-carboranylenesiloxanes, III	1967
19670073261	Nike-Apache nicap round number MD-67-1, MD-67-2, MD-67-3, and MD-67-4 /23 January 1967/, round number MD-67-5 /26 January 1967/ Meteorological data report	1967
19670073265	High resolution lenses Quarterly report, Nov. 1, 1966 - Jan. 31, 1967	1967
19670073266	Integrated radiator techniques study Final report, 23 Aug. 1965 - 22 Aug. 1966	1967
19670073267	Nuclear physics Final report	1967
19670073271	Photometallic process investigation Final development report, 1 Dec. 1965 - 30 Nov. 1966	1967
19670073272	Research on new concepts in energy conversion Quarterly technical progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670073273	Non-vacuum deposition techniques for use in fabricating thin film circuits Final engineering report, 30 Jun. 1964 - 15 Dec. 1966	1967
19670073281	Hypersonic aircraft auxiliary power subsystem analysis. Volume I - Subsystem selection /U/ Final report, 1 Apr. - 31 Oct. 1966	1967
19670073322	An elastomeric seal for use with movable nozzles for rocket motor thrust vector control /U/	1967
19670073330	Effects of Army environment on case-on- propellant /U/ Quarterly report, 28 Sep. - 28 Dec. 1966	1967
19670073334	Characterization and evaluation of light metal hydrides /U/ Quarterly report, 1 Aug. - 31 Oct. 1966	1967
19670073335	Liquid LMH-2 synthesis and heterogeneous fuels development /U/ Quarterly technical report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670073339	Intermediate diameter /12 inch/ prepackaged powerplant /U/	1967
19670073341	High chamber pressure investigation /U/	1967
19670073343	Manned Spacecraft Cost-Estimating Relationships /U/	1967
19670073344	Supersonic Investigation of the Static Stability, Performance, and Control of a Variable-sweep Tactical Fighter Model, Phase 8 /U/	1967
19670073349	Reentry vehicle instrumentation program /U/ Final report, Sep. 1962 - Jan. 1967	1967
19670073351	Investigation of the application of boron composites to advanced reentry vehicles /U/ Quarterly progress report, 15 Sep. - 15 Dec. 1966	1967
19670073355	Vacuum ultraviolet surveillance techniques /U/ Interim technical report, 1 Sep. - 30 Nov. 1966	1967
19670073356	Vacuum ultraviolet surveillance techniques /U/ Interim report, 1 Jun. - 31 Aug. 1966	1967
19670073358	Performance of ribbed and smooth subsonic diffusers /U/ Technical report, 15 Nov. - 21 Dec. 1965	1967
19670073359	Integrated motor, feasibility demonstration /zoning of solid propellant motors by selectable impulse/ /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967
19670073361	Performance of ribbed and smooth subsonic diffusers operating downstream of a Mach 2.0 inlet diffuser /U/ Technical report, 21 Jan. - 10 Mar. 1966	1967
19670073362	Compilation and review of data on the sensitivity and stability of NF compounds. A handbook /U/ Final report, 2 May 1966 - 15 Jan. 1967	1967
19670073363	Inorganic halogen oxidizers /U/ Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670073364	Development and demonstration of a chambered bleed hot gas thrust vector control system for large solid rocket motors /U/ Interim progress report, 1 Oct. 1966 - 20 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073368	Engineering property data on rocket propellants /U/ Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670073373	Support for laser guidance experiments /U/ Final technical report, 1 Feb. - 30 Nov. 1966	1967
19670073377	J-2 program bimonthly progress report, November - December 1966 /U/	1967
19670073379	J-2 program bimonthly progress report, January - February 1967 /U/	1967
19670073380	Main tank injection for packaged liquid missiles. Phase I - Report. Volume II - Systems feasibility testing /U/	1967
19670073382	High energy torpedo propellants /U/ Quarterly report, 13 Oct. 1966 - 12 Jan. 1967	1967
19670073383	Broad band noise generator /U/ Quarterly progress report, 1 Oct. 1966 - 1 Jan. 1967	1967
19670073384	Self-pumping, air cycle rocket engine test evaluation program /U/ Final report, 1 Jan. - 30 Nov. 1966	1967
19670073386	Characteristics of aircraft electric power /U/ Interim report	1967
19670073388	Investigations of broadband ferromagnetic power limiters and expanders as duplexing elements for microwave systems Quarterly progress report, 1 Sep. - 30 Nov. 1966	1967
19670073390	Measurements of parabolic mirrors	1967
19670073391	Components of soil humic acid. VI - Colloidal titration of each component /2/	1967
19670073392	Millimeter diodes on irradiated silicon	1967
19670073393	Evolution of toluidine-blue metachromasia, observed in vivo, during the first phase of development of the sea urchin and the pholas	1967
19670073394	Constitution analysis of alloys	1967
19670073395	Determination of the threshold of stimulation during rotary test in healthy subjects	1967
19670073396	Effect of pressure on the high terms of the spectra of the alkalis	1967
19670073397	The activation by calcium of synthetic substrates of aminopeptidase having structures analogous to angiotensin	1967
19670073399	Titration curves of humic acid	1967
19670073400	The organizing center and morphogenetic potential in Batrachia	1967
19670073401	Thermogravimetric and simultaneous continuous infrared absorption spectroscopic study of the thermal dissociation of manganese /II/ CARBONATE	1967
19670073402	Preliminary AC-12 Atlas-Centaur flight evaluation /launched 4-17-67/	1967
19670073403	The diurnal variation of body temperature in man	1967
19670073404	X-ray studies of the melting and crystallization behavior of polyterephthalic acid glycol ester /PTGE/	1967
19670073405	Research on the initial factors of morphogenesis in anuran amphibia. Part IV - Axial centrifugation of the unsegmented and fertilized egg	1967
19670073406	Participation of phospholipids in the reactions of the respiratory chain	1967
19670073407	Improvement in gas phase chromatography, chromatography with flow variation	1967
19670073408	Procedures for studying the irregularities of a well-polished optical surface	1967
19670073409	The germinal cycle of Ascaris	1967
19670073410	Preparation and characterization of ultrafine carbides, nitrides, and metals	1967
19670073411	Silver-zinc electrodes and separator research Quarterly technical progress report, 1 Oct. 1966 - 1 Jan. 1967	1967
19670073412	Preparation of neptunium-aluminum alloy target elements	1967
19670073413	Seven-inch HARP /Navy model/ Final report, May 1966 - Jan. 1967	1967
19670073414	Wind tunnel investigation of a 0.5-scale hard structure munitions model at Mach numbers 0.6 through 1.45	1967
19670073418	Calculation of radar cross-section Quarterly report, 30 Sep. - 31 Dec. 1966	1967
19670073419	Monopulse scalar feed techniques Interim report, Sep. - Dec. 1966	1967
19670073420	Aerobee AG 3.526 /17 January 1967/ Meteorological data report	1967
19670073421	Nike-Apache Speedball II, round no. 96 SN 42 /11 January 1967/ Meteorological data report	1967
19670073425	Sea level and altitude starting evaluation of Lycoming model T53-L-11 engine equipped with no. 640 or 698 combustor Final report, Jul. 1965 - Jan. 1966	1967
19670073427	Transient suppression on airplane dc power systems	1967
19670073429	Combustion stability of metallized gelled propellants Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670073430	Memory system for microcircuits Interim engineering progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670073432	Investigation of rotary actuation technique Quarterly technical report, 3 Oct. 1966 - 3 Jan. 1967	1967
19670073433	Short-time creep behavior of 18-nickel /250 KSI/ and 18-nickel /300 KSI/ maraging steel under uniaxial tensile and 1-2 tension- tension biaxial loading	1967
19670073435	Precision radar investigation Quarterly progress report, 1 Jul. - 30 Sep. 1966	1967
19670073437	Match recognition in chromosome band structure	1967
19670073438	Diffusion bonding of titanium and beryllium Interim engineering progress report, 16 Nov. 1966 - 15 Feb. 1967	1967
19670073439	Development of a C-band phased array crossed- field amplifier Quarterly progress report, 1 Oct. 1966 - 1 Jan. 1967	1967
19670073440	Pressure, static stability, and drag tests of a 0.0667-scale model of the X-15-2 research airplane Technical report, 28 Nov. - 6 Dec. 1966	1967
19670073441	Relations for molecular radiative transfer based on a random-line band model	1967
19670073442	Self-regulated oxygen concentrator Final technical report, Jan. 1966 - Jan. 1967	1967
19670073443	Development of internal microwave-acoustic modulation of solid-state lasers Interim engineering report, 10 Oct. 1966 - 10 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073444	Measurements in laminar and turbulent near- wakes. Task 2.2.3 - Laminar and turbulent wakes	1967
19670073452	Materials analytical research. Summary report, 1 Apr. 1965 - 31 Mar. 1966	1967
19670073454	Development of a titanium alloy foil and sheet rolling process Sixth interim engineering progress report, 1 Aug. - 31 Oct. 1966	1967
19670073464	Pulsed laser oscillator - Advanced development model Final report, 30 Jun. 1964 - 29 Aug. 1966	1967
19670073465	Thirty-five/70mm viewer/duplicator Final technical report	1967
19670073472	Observations by low-energy electrons on a muscovite crystal cleaved in ultrahigh vacuum	1967
19670073474	An Advanced Analytical Program for Charring Ablators	1967
19670073477	SiB polymer development Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670073478	Electron sensitive recording media for real- time viewing Interim engineering report, 1 Jul. - 31 Dec. 1966	1967
19670073485	A capacitor analog memory	1967
19670073486	Orientation of dielectric liquids in low gravity fields by electric phenomena	1967
19670073487	Stellar Acquisition Feasibility Flights /STAFF/ Program progress report no. 7, Jan. 1967	1967
19670073491	Stress corrosion susceptibility of welded aluminum alloys Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670073492	Hydraulic plumbing for advanced aero vehicles Quarterly technical report no. 2, 30 Sep. - 31 Dec. 1966	1967
19670073494	Refractory metals Cb, Ta, Mo, W	1967
19670073495	Quantitative dimensional characterization of nonspherical objects from their light scattering	1967
19670073496	Wind tunnel investigation of the effects of Reynolds number and model size on the steady and fluctuating pressures experienced by cone-cylinder missile configurations at transonic speeds	1967
19670073497	Buffet response of aeroelastically scaled Titan III missile configurations at transonic Mach numbers Technical report, 18 Jan. - 10 Nov. 1966	1967
19670073498	R-F impedance probe for re-entry plasma sheath measurements Final report	1967
19670073499	Third quarterly report	1967
19670073501	RC ladder networks and Laguerre functions Technical report, 13 Jun. - 13 Jul. 1966	1967
19670073503	Self-eject launch system performance characteristics Technical report, Oct. 1966 - Jan. 1967	1967
19670073504	Observations on the diffraction of low-energy electrons by a muscovite mica crystal	1967
19670073508	A method for checking electrical continuity in redundant circuits	1967
19670073509	Natural and forced oscillations in the magnetosphere	1967
19670073510	Ionization by electron impact	1967
19670073511	Modifications of heat exchange in subjects adapted to tropical climates	1967
19670073512	Observations on the diffraction of low- energy electrons by a phlogopite mica crystal	1967
19670073513	Contribution to the problem of phase stability of silicon carbide	1967
19670073515	Thermoregulation in muscular work	1967
19670073516	Confinement time of a hot plasma in a magnetic well	1967
19670073517	Use of heat pipes for thermionic reactors	1967
19670073519	F-106A performance evaluation with 360-gallon external fuel tanks Final report	1967
19670073523	A small accelerator for light ions with uhv in the target chamber	1967
19670073524	Investigations on the composition of the residual gas and on the backstreaming of the working fluid from oil diffusion pumps	1967
19670073526	Proposed instrumentation system for use in the Hazards of Electromagnetic Radiation to Ordnance /HERO/ program	1967
19670073528	An experimental investigation of liquid surface motion in response to a lateral acceleration during weightlessness	1967
19670073530	Applied research in thin-film field-emission tubes Quarterly report, 1 Jul. - 30 Sep. 1966	1967
19670073532	Image dissector camera system Quarterly report, 2 Dec. 1965 - 2 Mar. 1966	1967
19670073533	A preliminary model for the carburisation of stainless steel at high temperature in sodium containing carbon at unit activity	1967
19670073534	The resistive plasma loading of a Stix coil	1967
19670073539	The hydrolysis of plutonium nitride	1967
19670073541	The influence of radiation on the inception of boiling in liquid sodium	1967
19670073542	Interstitial loops in graphite, their motion and their effect on elastic modulus	1967
19670073543	Television radioscopy as an inspection tool	1967
19670073546	Fundamental investigation on sulphurizing and tuffride processes	1967
19670073547	Radioactive tracer methods in inorganic trace analysis - Recent advances	1967
19670073548	The distribution of and swelling produced by fission gas bubbles in alpha and beta uranium irradiated under low stress	1967
19670073552	Models for Estimating Beta Dose to Tissue from Particle Debris in Aerospace Nuclear Applications	1967
19670073554	Vibration, shock, and acoustic environmental levels launch complexes 34 and 37 ground support equipment	1967
19670073556	Review of recent developments. Corrosion and compatibility	1967
19670073559	A study of IR detector materials Semiannual report	1967
19670073563	Development of filament-reinforced metals Final report, 24 Jun. 1965 - 24 Dec. 1966	1967
19670073564	Operations. Weather warnings	1967
19670073565	A feasibility study of self-learning adaptive flight control for high performance aircraft Final technical report, 27 Dec. 1965 - 27 Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073566	Millimeter wavelength measuring techniques and dielectric values of refractory materials Semiannual engineering report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670073568	Effects of additives on the combustion of hydrazine Quarterly report, 2 Dec. 1966 - 1 Feb. 1967	1967
19670073572	Development of heavy duty, antistatic, transparent, flexible barrier materials	1967
19670073577	MIL-HDBK-5 guidelines for the presentation of data Summary technical report, Jan. 1965 - Dec. 1966	1967
19670073579	Investigation of the application of visioelasticity methods of analysis to metal deformation processing Final report	1967
19670073580	Experimental stress analysis of loaded boundaries in two-dimensional second boundary value problems, Jul. 1966 - Feb. 1967	1967
19670073581	Continuous display correlator Final report	1967
19670073583	Shock attenuation in and equation of state of a polyurethane	1967
19670073584	Dispersion and absorption of sound in clouds	1967
19670073588	Hollow Whiskers - Formation from metals by reaction with ferricyanide and ferrocyanide	1967
19670073589	Phased array module - Mark II Quarterly progress report, 2 Aug. - 2 Nov. 1966	1967
19670073590	High specific impulse thermal arc jet thruster technology Technical report, 1 Apr. - 31 Dec. 1966	1967
19670073591	Polarization characteristics of radar echoes	1967
19670073592	Environmental tests of Kaman nuclear wire package, SN 9 and 10	1967
19670073593	Feasibility and conceptual design study of an aircraft traction evaluation system Final report, 19 Sep. - 30 Dec. 1966	1967
19670073601	The structure of shock waves in diatomic gases	1967
19670073602	Nike-Hydac STV /SR 46 and 47/ /24 January 1967/ Meteorological data report	1967
19670073603	Experimental program to determine the thermodynamic properties of solutions of liquefied light gases Quarterly progress report, 15 Oct. 1966 - 15 Jan. 1967	1967
19670073606	Density analysis computer program for random signals	1967
19670073607	A simplified simulation of a Gemini-Agena tethered system	1967
19670073609	Development of direct contact flash distillation concepts	1967
19670073611	Observations on the reducing side of the O2 evolving-photoact	1967
19670073617	Hydrocarbon fuel cell electrodes Progress report, 16 Jan. - 16 Jul. 1966	1967
19670073620	Advanced electro-optical signal processing techniques Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670073622	Environmental tests of Kaman nuclear wire package, SN 9	1967
19670073623	Explosive phenomena charts for missile safety determinations	1967
19670073625	Characterization of ablative plastics and composites under environmental conditions of advanced reentry Quarterly progress report, 1 Aug. - 31 Oct. 1966	1967
19670073630	Detection of surface waves from small events at teleseismic distances	1967
19670073635	Investigation of the effect of composition on weld metal susceptibility to hydrogen induced cold cracking Final report, Apr. 1965 - Jun. 1966	1967
19670073637	XB-70A air vehicle Flight test monthly progress report	1967
19670073638	Transient radiation effects Final report, 1 May 1965 - 31 Oct. 1966	1967
19670073639	Propulsion Sessions of the XVII Congress of the International Astronautical Federation, Madrid, Spain, 10-15 October 1966	1967
19670073640	Tetrahedron flow beam geometry for microwave tubes Triannual report no. 2, 4 Jun. - 3 Oct. 1966	1967
19670073641	Methods for elimination of corrosion products of nitrogen tetroxide Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670073642	Preferred-circuit techniques for varactor- tuned filters	1967
19670073643	Design of local control program of Univac M-1218 computer Final report	1967
19670073645	An exploratory study of psychological weapons Final report, 18 Jun. 1965 - 17 Aug. 1966	1967
19670073649	Impact flash characteristics as affected by oxidizing materials Final report, 1 Jan. - 1 Jul. 1966	1967
19670073650	Mission and low-thrust solid and hybrid reaction system definition Final report	1967
19670073656	Flutter of Stressed Panels Including Effects of Edge Rotational Restraint and Damping	1967
19670073657	Effect of fatigue on tensile strength of steel	1967
19670073658	Results of "life cycling" tests on several strain gage pressure transducers	1967
19670073659	Hydrologic evaluation of Gemini photographs of fringes of the Sahara, Africa	1967
19670073662	Recombination losses and their influence on the energy resolving power of p-i-n detectors and some methods of measuring tau, mu and homogeneity	1967
19670073664	Determination of the effects of rotor blade compressibility on the performance of the CH-47A helicopter Final report, 18 Feb. - 28 Apr. 1966	1967
19670073665	Thin-film monotonics Quarterly report /final/, 13 Sep. - 12 Dec. 1966	1967
19670073666	Thin film techniques for silicon integrated circuits Final report, 1 Jun. 1964 - 31 Jul. 1966	1967
19670073668	The pulsed reactor at the Laboratory of Neutron Physics in the Joint Institute of Nuclear Research	1967
19670073669	Beech Aircraft Corporation liquid hydrogen vaporizer P/N 660534, NASA specification 75M05752 Final test report	1967
19670073674	Basic Engineering Studies of Techniques for Acceleration of a Particle to Hypervelocity by an Electrically Heated Propellant Plasma Status Report, 1 Sep. 1966 - 1 Mar. 1967	1967
19670073675	Calculation of Wave Damping in a Viscous Liquid of Finite Depth	1967
19670073676	A differential equation for the phase in the case of neutron-proton scattering	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073677	ESRO I satellite testing - Feature of construction test results	1967
19670073685	On dynamic theories of fiber-reinforced composites	1967
19670073686	Manufacturing techniques for application of a duplex W/Si-W coating of tantalum components Interim progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670073687	A multiple device approach to solid state microwave power generation Interim technical report, 1 Oct. - 31 Dec. 1966	1967
19670073689	HC-130H category II performance and limited stability and control tests Technical report, 8 Dec. 1965 - 20 Jun. 1966	1967
19670073691	J33-A-24/A - Engine AvGas flight testing Interim report, 7-14 Dec. 1966	1967
19670073693	Kinetic theory of the aerodynamic drag of a slowly rotating sphere	1967
19670073697	Infrared modulator utilizing free carrier absorption for CO ₂ laser Final technical report, 15 Nov. 1965 - 15 Nov. 1966	1967
19670073698	Multiple target coherent optical receiver techniques Interim report, 10 Jun. - 10 Sep. 1966	1967
19670073703	Preparation and superconductivity characteristics of Nb-Sn multiwires	1967
19670073704	Digital differential analyzer organization for an analytic platform transformation computer	1967
19670073705	Frontiers of catalysis	1967
19670073707	Additives for high temperature hydraulic fluids Summary technical report, 15 Nov. 1965 - 14 Nov. 1966	1967
19670073711	Modal and chemical analysis of rocks by X-ray diffraction	1967
19670073716	Mach number and specific heat ratio effects in axisymmetric flow on the distance of the shock wave	1967
19670073719	Study of reliability data from in-flight spacecraft	1967
19670073721	Wall temperature and speed ratio effects on molecule flat plate flow fields	1967
19670073724	Highly underexpanded jet structure - Exact and approximate calculations	1967
19670073726	Flight evaluation of rearranged fuel quantity gauging in the RF-8G airplane Final report, 10 Nov. - 5 Dec. 1966	1967
19670073729	Analysis of the stored energy dc-dc converter	1967
19670073730	A simple analysis of reentry vehicle roll resonance Technical report, Nov. 1965 - Dec. 1966	1967
19670073731	A new measurement of the hydrogen dissociation rate Technical report, 1 Jul. 1966 - 19 Jan. 1967	1967
19670073733	High-energy-rate processes	1967
19670073735	A battery-operated four-channel tape recorder for use in acoustic measurements in flight	1967
19670073743	A study of Saturn IB debris risk hazard analysis Final report, 1 Apr. 1966 - 31 Mar. 1967	1967
19670073745	RL10 rocket engine Monthly technical report, 1 Dec. 1966 - 1 Jan. 1967	1967
19670073746	The analytical approach and physics-of- failure technique for large solid rocket reliability, June 1965 - June 1966	1967
19670073747	Electrophysiological studies of the brain, including improvement of experimental techniques and methodology Semiannual progress report	1967
19670073749	A review of gamma activation analysis	1967
19670073750	China's numerical weather forecasting routine and meteorological dynamics research	1967
19670073751	An optical method for reading magnetic tape - A proposal	1967
19670073752	Feasibility study of large space erectable antennas. Volume I - Executive study	1967
19670073763	Computational algorithms in optimal control	1967
19670073764	A study of electrode effects in crossed field accelerators Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19670073765	Some aspects of the corrosion of a 20 percent Cr/25 percent Ni/Nb stainless steel at elevated temperatures	1967
19670073768	Improvement of efficiency and life of expulsion bladders Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670073769	Advanced types of nuclear power reactors and their integration into electricity generating systems	1967
19670073771	The mechanical properties of reactor graphites	1967
19670073772	Turbulent mixing in a fluid flowing in a passage of constant cross-section	1967
19670073773	Activation of gaseous lasers by diffusion	1967
19670073776	Re-entry physics research program on turbulent waves Semiannual progress report, 1 Jul. - 31 Dec. 1966	1967
19670073782	Silicon metabolism in microorganism. Part I - Silicon absorption through bacteria	1967
19670073785	Silicon metabolism in microorganisms. Part III - Influence of various anions on bacterial Si-metabolism	1967
19670073786	Study on the acid hydrolysis of lysozyme. Possibility of avoiding the destruction of tryptophane during this hydrolysis	1967
19670073787	Adaptation limits of heat regulation	1967
19670073788	Silicon metabolism in microorganisms. Part II - Relationship between the silicate and phosphate metabolisms in bacteria	1967
19670073801	Low temperature infrared photoconductors Semiannual report, 31 May - 30 Nov. 1966	1967
19670073804	Reaction of carbon monoxide with sodium	1967
19670073805	Search for evidence of superconduction in organic polymers Monthly report, Mar. 1967	1967
19670073807	A model for resource analysis of space programs	1967
19670073812	"POGO" Analysis of the Saturn Propulsion System Final Report	1967
19670073815	Critical Evaluation and Compilation of Thermophysical Property Data for Cryogenic Materials and Measurement of the Properties of Oxygen Quarterly Progress Report, Period Ending March 31, 1967	1967
19670073816	Atomization of viscoelastic fluids Progress report, 1 Aug. 1966 - 1 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073817	Effect of changes in apparent weight on the efficiency of synthetic steroids to alter calcium metabolism - II - Development of indexes of calcium metabolism amenable to instrumental analysis and telemetry. Progress report	1967
19670073818	Communication performance of the proposed LM relay experiment	1967
19670073819	Experimental studies of perceptual processes Progress report	1967
19670073821	Solid state reactions of the titanium- oxide zinc-oxide system	1967
19670073827	An introductory survey of internal friction as a source of energy loss in solids	1967
19670073830	The difference between the ionization equilibria of hydrogen-like and alkali-like ions in optically thin plasmas	1967
19670073832	S-II-1 static firing, volume 1 Final test report	1967
19670073833	Meteoroid penetration detector development program. Meteoroid sensor evaluation	1967
19670073845	Development of simpler and less expensive liquid-propellant rockets	1967
19670073846	Quarterly Progress Report to the National Aeronautics and Space Administration, July 1 - September 30, 1966	1967
19670073847	Voyager project Progress report, 16 Jan. - 15 Feb. 1967	1967
19670073848	Cajun-Dart sounding vehicle Final report	1967
19670073851	Shear stabilization of density gradient drift instabilities	1967
19670073853	The Foxboro Company differential pressure transmitter, manufacturer's model number 611DM-AS2, NASA part number A75M04669 /NPT-10B/ Test report	1967
19670073857	Study of the mechanics of non-Newtonian fluids Quarterly status report, period ending 26 Mar. 1967	1967
19670073867	Supersonic combustion /analysis/ /U/	1967
19670073868	Turbulent mixing /analysis/ /U/	1967
19670073869	Two-dimensional mixing studies /U/	1967
19670073876	Investigation of liquid-metal hydrides /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670073900	Design criteria for typical Mars landing capsules requiring sterilization Final report - Phase III	1967
19670073901	Orbiting data relay network study Final report	1967
19670073905	Optimum design of a thin-walled bar subjected to simultaneous torsion and bending	1967
19670073906	Centaur launch vehicle guidance evaluations and analyses Monthly progress report, 3-31 Jan. 1967	1967
19670073907	Investigation of liquid propellants in high pressure and high temperature environments Semiannual report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670073909	APCSE first year program status report. Volume II, section I - Appendices A through R	1967
19670073911	An analytical and experimental investigation of the dynamic instability of a freely autorotating rotorchute with body fixed controls	1967
19670073912	Ac generator rotor materials Final report, 1 Jan. 1963 - 1 Jun. 1966	1967
19670073915	Experimental performance of two segmented wall magnetohydrodynamic electric power generators	1967
19670073916	Turbine disk burst protection study Quarterly progress report, 1 Feb. - 30 Apr. 1967	1967
19670073918	The design, development, testing and fabrication of a thermoelectric cryogenic sensor Final report, 28 Jun. 1965 - 30 Apr. 1967	1967
19670073923	Applications technology satellite Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670073924	Investigation in chemical rocket propulsion Semiannual report, 31 Jun. - 31 Dec. 1966	1967
19670073926	Study of the cause and significance of accelerated creep resulting from repeated stress reversals Semiannual progress report	1967
19670073931	Constitutive equations in two-dimensional flow Status report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670073932	A study of lunar geophysics under the Apollo applications program Status report, 1 Aug. 1966 - 31 Jan. 1967	1967
19670073935	A theoretical examination of iodine-water partition coefficients	1967
19670073938	Subshell binding energies of atoms and ions from hydrogen to zinc	1967
19670073941	Reaction of sulfur trioxide with carbon disulfide	1967
19670073942	Paramagnetic relaxation in holmium ethyl sulfate	1967
19670073945	Plasma wind tunnel studies of collision free flows and shocks	1967
19670073946	Performance analysis of the photogrammetric system used for calibration of ASFIR FINAL report	1967
19670073950	Acclimatization reactions and acclimatized reactions to the Saharan climate	1967
19670073953	The elastic constants of reactor graphites	1967
19670073954	A serial adder for bits occurring in reverse time sequence	1967
19670073955	Oxidation of nickel and oxide dispersion strengthened nickel in carbon dioxide and in carbon dioxide-carbon monoxide mixtures	1967
19670073956	A one-megajoule low-inductance capacitor bank for nuclear fusion research	1967
19670073958	Ablative cooling technique for rocket engines	1967
19670073959	Silicon metabolism in microorganisms. Part VI - Enzymatic changes in metabolism in conversion from phosphate to silicate in Proteus mirabilis	1967
19670073960	Silicon metabolism in microorganisms. Part VII - Distribution of the silicic acid in cell fractions of Proteus mirabilis and the detection of carbohydrate-silicic acid- esters	1967
19670073962	Proton scattering microscopy	1967
19670073964	Chemical engineering aspects of the reverse osmosis process	1967
19670073967	Chemistry of solid propellant combustion Technical status report, 15 Apr. 1966 - 1 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670073968	Nimbus meteorological satellite integration and testing Quarterly progress report, 16 Nov. 1966 - 15 Feb. 1967	1967
19670073969	Statistical evaluation of the composition, physical properties, and surface configuration of terrestrial test sites and their correlation with remotely sensed data Semiannual status report, 31 Mar. 1967	1967
19670073971	Contribution to the study of thin films of the semi-conductor CdTe	1967
19670073972	Studies on molecular size pores in beryllium oxide powders	1967
19670073973	Silicon metabolism in microorganisms. Part V - Experiments on the mobility of incorporated silicic acid	1967
19670073975	Particle loss mechanisms in a weakly ionized toroidal magnetoplasma	1967
19670073976	Elimination of asymmetries in the vacuum magnetic field of theta pinch coils	1967
19670073978	Thermal degradation of vinyl polymers. Part 4 - A radiochemical study of intermolecular chain transfer during the thermal degradation of polystyrene	1967
19670073979	Aerodynamic gas spike for re-entry vehicle communications studies Interim technical report	1967
19670073980	Conduit guideways	1967
19670073981	Thermal conduction through nominally flat metallic contacts in vacuum environment	1967
19670073983	Mutagenic Effectiveness of Known Doses of Gamma Radiation in Combination with Weightlessness on Habrobracon Summary Progress Report, 17 Feb. 1964 - 30 Jun. 1966	1967
19670073984	Effects of plant growth hormones on plant development in the absence of gravitational effects Semiannual report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670073986	L-band tetrodes Quarterly progress report, 1 Jul. - 30 Sep. 1966	1967
19670073991	Critical Evaluation for the Thermo-physical Property Data from the Scientific Literature for Materials at Temperature from Cryogenic to Ambient Quarterly Report, 1 Oct. 1966 - 31 Jan. 1967	1967
19670073993	Automated biological laboratory study Monthly progress report, 1 Dec. - 31 Dec. 1966	1967
19670073997	OGO-D system test objectives	1967
19670073998	The design, development, and fabrication of three N2/O2 analytical systems and three water-in-gas analytical systems Final report	1967
19670074001	Fast forward neutron production in the d/p,n/2p reaction for 95.7 and 143.9 MeV protons	1967
19670074002	Conduct research on optical instrumentation suitable for incorporation in an orbiting astronomical observatory Interim progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074003	Analytical and experimental research on methods of reducing the sensitivity of sampled data systems to parameter variations and disturbances Semiannual report	1967
19670074004	Constitutive equations and non-Newtonian fluid mechanics Final report	1967
19670074006	Primary cosmic radiation Semiannual status report, for period ending 28 Feb. 1967	1967
19670074008	Reentry radiation and air flow Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074010	Development of laser beam scattering techniques for gas density measurement in rocket base flow fields Quarterly progress report, 15 Dec. 1966 - 15 Mar. 1967	1967
19670074014	Resolution study	1967
19670074015	Formation of alkali iron sulfates and other compounds causing corrosion in boilers and gas turbines Seventh informal monthly letter report, Jan. 1967	1967
19670074016	Stability characterization of advanced injectors Monthly report, 1 Dec. 1966 - 1 Jan. 1967	1967
19670074019	Development of improved semi-organic structural adhesives for elevated temperature applications Annual summary report, 1 Jul. 1965 - 30 Jun. 1966	1967
19670074027	Influence of metabolic accumulation of products of hydrogenomonas cells on their continued growth Progress report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670074028	APCSE first year program status report, volume I	1967
19670074030	Experimental studies of perceptual processes, section one Progress report, for Mar. 1967	1967
19670074031	Application and verification of mathematical model of photographic reconnaissance Final report, 1 Jul. 1965 - 30 Nov. 1966	1967
19670074032	Growth and disorder in silicon carbide	1967
19670074034	Research on the Influence of Gravity on Unicellular Organisms, and Optimization of the Ultraviolet Flying Spot Microscope for Living Cell Observations Semiannual Status Reports, 1 Apr. 1966 - 31 Mar. 1967	1967
19670074035	Helicopter noise Technical report, 1 Jun. - 30 Nov. 1966	1967
19670074036	Electromagnetic compatibility data, AS-202	1967
19670074040	Inverters for Motors Study Program Quarterly Progress Report, Period Ending 10 Mar. 1967	1967
19670074041	Spectroscopy and solid state quantum electronics at optical and infrared wavelengths Semiannual status report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670074043	Protozoan Response to "Null" Magnetic Fields Quarterly Report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074044	Ferrocene Acetylenes. Part 6 - Synthesis and Light Absorption of Ferrocenyl Polyines	1967
19670074045	Amplitude Dependent Damping and Modulus Defect in Aluminum. Part I - Measuring Methods	1967
19670074046	Research and development of microminiaturization techniques and circuitry and its adaptability to radar altimeters. Experimental prototype radar altimeter, phase IV Final report	1967
19670074049	Backward diodes designed for millimeter detection	1967
19670074050	In vivo metachromasia with toluidine blue and its cytochemical analysis in eggs of Barnea candida, Gryphaea angulata /lamellibranches/ and Psammechinus miliaris	1967
19670074051	The external photoelectric effect of alkali metals. II - The spectral distribution of the quantum yield in potassium	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074052	Far infrared absorption spectra of some metal sulfates. An attempt at interpretation	1967
19670074055	Atlas trajectory and performance analysis SLV-3/Agna/Mariner Venus 1967 program	1967
19670074056	Ion beams and synthetic plasmas	1967
19670074057	The volatility of plutonium oxycarbides	1967
19670074058	An improved calculation of the thermal conductivity of a graphite crystal parallel to the basal planes as limited by the crystallite dimensions La	1967
19670074059	Equilibrium pressures and rate constants for the carbothermic reduction of /U,Pu/O2 and of UO2	1967
19670074060	Neutron radiography development at Dounreay	1967
19670074064	Silicon metabolism in microorganisms. Part IV - The effect of organic compounds, especially glucose, on the silicon metabolism of bacteria	1967
19670074065	Process of low temperature condensing by stress at ambient temperature	1967
19670074090	Aerodynamics of conical bodies /U/	1967
19670074097	Stabilization of the LMH-2/MMH fuel /U/ Quarterly technical progress report, Oct. 1 - Dec. 31, 1966	1967
19670074100	Fundamental research on the direct fluorination of organic compounds /U/ Quarterly progress report, 1 Sep. - 30 Nov. 1966	1967
19670074110	Theoretical solid state physics, volume I	1967
19670074111	Three hundred milliwatt X-band triode oscillator Quarterly report, 1 Sep. 1966 - 1 Jan. 1967	1967
19670074112	Preferential changes in electronic materials Interim report, 1 Oct. - 31 Dec. 1966	1967
19670074114	Computer processing of spectrograms for absolute intensities. Volume I - Reduction procedures	1967
19670074116	Development of a manufacturing process for thin sheet and foil of TD nickel-chromium alloy Phase I report, 1 Jul. 1966 - 1 Mar. 1967	1967
19670074118	Ultra-violet fiber optics for fire and explosion detection Final report, 3 Jan. - 30 Dec. 1966	1967
19670074119	Research and development of a brushless dc starter generator Quarterly report, 1 Oct. 1966 - 1 Jan. 1967	1967
19670074123	Models of meteoroid environment and penetration for spacecraft design	1967
19670074125	Metals joining	1967
19670074126	Research and development on a non-scanning microwave spectrum analyzer Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074127	Interstitial sink effects in the refractory metals	1967
19670074129	Nose bluntness effects on axisymmetric laminar reattaching flows at Mach 19	1967
19670074130	Hazard associated with random re-entry of satellites decaying from orbit	1967
19670074132	Weapon system 133B/133A-MCDRL Item 51 Mark 17 evaluation test program plan	1967
19670074133	Transient behavior of radiating elements Final report, Feb. - 1 Nov. 1966	1967
19670074136	Program plan for Stellar Inertial Accuracy Verification Study /SIAVS/	1967
19670074137	Kinetics of decomposition of solid oxidizers /U/ Annual technical summary report, 1 Jan. - 31 Dec. 1966	1967
19670074138	Continuous-wave side-looking airborne radar study /U/ Quarterly report, 1 Aug. - 1 Nov. 1966	1967
19670074139	High resolution radar and multi-mission radar flight test and engineering support /U/ Interim report, Jul. 1966 - Mar. 1967	1967
19670074140	Effects of Army environment on case-on- propellant /U/ Quarterly report, 29 Dec. - 28 Mar. 1967	1967
19670074141	Surveillance of Tartar Rocket Motor Mark 27 MODS 0 and 2 /U/	1967
19670074142	Pyrotechnic research and development /U/ Progress report, Jan. - Mar. 1967	1967
19670074143	Explosives research and development /U/ Progress report, Jan. - Mar. 1967	1967
19670074144	Energetic oxidizer manufacturing process for advanced solid propellants /U/ Interim engineering progress report, 16 Dec. 1966 - 15 Mar. 1967	1967
19670074151	Performance of Blow-in-door Ejector Nozzles Installed on a Twin-jet Variable-wing- Sweep Fighter Airplane Model /U/	1967
19670074157	Feasibility study of a multimode radar digital signal processor /U/ Final report, 1 Jul. - 31 Dec. 1966	1967
19670074158	Development and demonstration of flightweight thrust vector control hardware /U/ Interim progress report, 1 Oct. 1966 - 28 Feb. 1967	1967
19670074159	Synthesis of LMH-2 /U/ Final technical report	1967
19670074160	Effect of external stream flow on the performance of an aerodynamic spike nozzle at Mach numbers from 0 to 1.4 /U/	1967
19670074170	In-space coldwelding tests /U/ Summary report, Jun. 1964 - Jan. 1967	1967
19670074181	Vacuum ultraviolet surveillance techniques /U/ Interim technical report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074183	Research on advanced solid propellants /U/ Quarterly progress report, 11 Dec. 1966 - 10 Mar. 1967	1967
19670074184	Configurational EMF in metals	1967
19670074185	Experimental demonstration of energy storage substations for aircraft actuations functions Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670074186	Feasibility of a high performance aerodynamic impulse facility	1967
19670074187	Development of engineering data on titanium extrusion for use in aerospace design Progress report, 1 Oct. 1966 - 1 Feb. 1967	1967
19670074188	Organic electronic materials for molecular electronics Interim technical report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074192	Manufacturing technology for the extrusion of superalloy structural shapes Engineering progress report, 15 Oct. 1965 - 15 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074193	Solid state diffusion bonded tantalum alloy honeycomb panels Interim engineering progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074194	Performance of the Aerojet-General Corporation Alcor 1B solid-propellant rocket motor /S/NSTV-117/ under the combined effects of rotational spin and simulated altitude	1967
19670074196	New Gunn effect materials Final report	1967
19670074197	Generator development, SPUR program Part II - Generator stator bore-seal Technical report, 1 Apr. 1963 - 1 Nov. 1966	1967
19670074198	Ultrasonic inspection system modification Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074199	Launch vehicle history	1967
19670074201	Structures for 300-watt, 400-MHz VHF POWER transmission Interim technical report, 1 Oct. - 31 Dec. 1966	1967
19670074202	Process development for precision radial forging integral turbine wheels Interim engineering report, 15 Dec. 1966 - 15 Feb. 1967	1967
19670074204	Photoresist technology improvement. Part II - New photoresist systems Interim report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074205	Test of a prototype carbon arc solar simulator module	1967
19670074206	Study of silicon nitride as a dielectric material for microelectronic applications Interim report, 16 Nov. 1966 - 15 Mar. 1967	1967
19670074208	Wind tunnel tests of several 0.333-scale Sandia sled configurations at Mach numbers 6, 8, and 10	1967
19670074209	Low-noise L-band /wideband/ transistor amplifier Final report, 1 Jun. 1964 - 31 May 1966	1967
19670074210	Design, test, and evaluation of pre-set bandpass filters	1967
19670074211	Study of earth noise on land and sea bottom Annual report, period ending 1 Mar. 1967	1967
19670074212	Noise analysis of single channel deghosting filters	1967
19670074225	Second Semiannual Report Evaluation Program of Short Time Spectra in the Vacuum UV and Soft X-Ray Region	1967
19670074231	Suboptimal design of linear regulator systems subject to computer storage limitations	1967
19670074233	Investigation of gallium arsenide - Indium arsenide alloy systems Interim report, 15 Oct. 1966 - 15 Jan. 1967	1967
19670074234	The effect of change in stimulation on the transmission of information in visual perception	1967
19670074235	Millimeter wave propagation experiment for the Applications Technology Satellite /ATS-E/	1967
19670074239	SPARTA program Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670074240	Calculation of the apparent area of fluorescence from a deep-space nuclear burst Interim technical report	1967
19670074241	Structural flight loads data from F-5A AIRCRAFT Final report, 6 Nov. 1965 - 12 Apr. 1966	1967
19670074242	On-board in-flight checkout Final report, Mar. 1966 - Feb. 1967	1967
19670074243	Gap coupling to beam-plasma systems with applications to amplifiers Final technical report, 1 Oct. - 31 Dec. 1965	1967
19670074244	The development of production methods for generating aspheric lens surfaces Final report, Jul. 1958 - 31 Mar. 1966	1967
19670074245	Detection and determination of ligands by analytical kinetic methods Quarterly report, Oct. - Dec. 1966	1967
19670074246	Dynamic normal-force response of several semispan wings at transonic speeds Technical report, 28 Oct. - 20 Dec. 1966	1967
19670074249	Process evaluation for large solid motor cases, internal roll-extruded Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670074250	Antenna pointing and Doppler prediction computer complex. Volume III - Maintenance and operating instructions Final report	1967
19670074252	Semiconductor and O-type amplifier investigations Quarterly progress report, 1 Jun. - 1 Sep. 1966	1967
19670074253	Development of a 0.5 - 2.1 GHz low noise traveling-wave tube amplifier Interim report, 1 Mar. - 1 Sep. 1966	1967
19670074254	In-space propellant orientation and venting experiments Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670074255	Plasma specie-probe techniques Final report	1967
19670074262	Instron incremental data system mechanical properties analysis	1967
19670074263	Accelerated service tests of the J52-P-8A ENGINE in the A-6A airplane Interim report	1967
19670074264	Ionosphere Telecommunications Laboratory Progress report, Jan. - Jun. 1966	1967
19670074265	SSB crystals, precise and uniform Final report, 1 May 1965 - 1 Nov. 1966	1967
19670074266	Photoconductor-semiconductor emitters Quarterly report, 1 Oct. 1966 - 1 Jan. 1967	1967
19670074267	Optical and infrared masers Semiannual status report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670074268	Neurospora Experiment P-1037 Progress Report, Period Ending 30 Sep. 1966	1967
19670074272	Physical properties of refractory materials Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074275	Manufacturing in-process control and measurement techniques for integral electronics /connections and lifetime/ Final report, 1 Apr. 1964 - 30 Jan. 1966	1967
19670074277	Failure mechanisms in MOS transistors Quarterly report, 29 Jun. - 30 Sep. 1966	1967
19670074282	Effect of changes in apparent weight on the efficiency of synthetic steroids to alter calcium metabolism. I - Quantitative aspects of hormone administration and various dietary constituents on calcium accretion and resorption Progress report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670074284	Heat powered air conditioner feasibility study Final report, Dec. 1965 - Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074286	Investigation of a low profile flush mounted antenna Final technical report, 15 Dec. 1965 - 15 Aug. 1966	1967
19670074287	Manufacturing methods for producing L-605 hardware Interim engineering progress report no. 1, 1 Oct. - 31 Dec. 1966	1967
19670074288	Effect of inclusions as measured by ultrasonic methods on the mechanical properties of aircraft quality steel Interim progress report, 1 Sep. 1966 - 31 Mar. 1967	1967
19670074289	Research and development of localized defects and hot spots in high voltage pnpn inverter switches Quarterly progress report, 1 Dec. 1966 - 1 Mar. 1966	1967
19670074291	Method for laser measurement of particle concentration in gases	1967
19670074292	Cadmium sulfide	1967
19670074293	High velocity reentry effects on arming and fuzing systems	1967
19670074294	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074295	Transient radiation effects on microelectronics and solid-state devices Technical report, 7 Aug. 1965 - 6 Oct. 1966	1967
19670074301	Quantitative methods of evaluating the mobile satellite communications terminal acquisition problem Final report, Jan. - Feb. 1966	1967
19670074306	Diverter valve development program. Volume I. Program summary - Component development and design data Final report	1967
19670074307	Unstable intermediates at low temperatures Final report, 1 Mar. 1961 - 17 Mar. 1967	1967
19670074309	Research and development program on optically pumped nuclear magnetic resonance gyroscope Final report	1967
19670074310	Application of the finite element method to the sonar dome	1967
19670074311	Investigation and evaluation of motor insulation for multiple restart application Second phase report, 15 Jan. - 1 Apr. 1967	1967
19670074312	Automated operation of jet fuel control test rigs Final technical report, May 1965 - Jan. 1967	1967
19670074313	Field testing of propellants Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074317	Radiation absorption in high speed laminar boundary layers including the effects of external sources	1967
19670074320	Steady flow of an incompressible viscous fluid between two parallel rotating disks	1967
19670074321	Contribution to the experimental study of the radial flow of an incompressible viscous fluid between two parallel disks	1967
19670074322	Catalytic decomposition of hydrogen peroxide on metallic platinum	1967
19670074323	System for the automatic control of complex vacuum evaporation techniques	1967
19670074324	Diffusion of carbon in the carbide phases of tantalum	1967
19670074325	The role of the adrenal cortex hormones on heat adaptation	1967
19670074326	Investigation of the combined approximation method	1967
19670074327	Transmission of a plasma jet through a magnetic barrier	1967
19670074328	The investigation of flame spreading over the surface of igniting solid propellants Quarterly letter report, 16 Jan. - 15 Apr. 1967	1967
19670074329	Photosensitized decomposition of hydroperoxides Status report, 1 Aug. 1966 - 31 Jan. 1967	1967
19670074331	The system smooth Pt/H ₂ O ₂ , O ₂ , H ₂ O with special reference to electrode pretreatment	1967
19670074332	Multiple-compression McLeod gauge	1967
19670074335	The Stanford study of the Mariner IV OCCULTATION data Semiannual report, 1 Oct. 1966 -31 Mar. 1967	1967
19670074336	A Study of Electrode Effects in Crossed Field Accelerators Quarterly Report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074339	Substandard boost motor performance effect on CIM-10B range and climb confidence /U/ Final report	1967
19670074340	Scramjet engine test program and application studies /U/ First quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670074342	Quality surveillance division /U/ Annual report 1966	1967
19670074350	Phase sensitive automatic frequency control	1967
19670074351	Inner zone electrons in 1964 and 1965	1967
19670074352	Development of controllable selective amplification in silicon-based microcircuitry Interim report, 15 Nov. 1966 - 15 Feb. 1967	1967
19670074355	Transistor, VHF, silicon, power type EL-2N /X-9/ 5 watt 500 M Hz PEM Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074356	High-strength steels	1967
19670074357	Real time digital phase shifters utilizing 4-port single-junction latching circulators Quarterly report, 1 Aug. - 31 Oct. 1966	1967
19670074358	Reliability and quality assurance program Quarterly report, Oct. - Dec. 1966	1967
19670074359	Analytical and experimental investigation of rotating stall phenomena in turbine engine compressors Final report, Jan. 1966 - Mar. 1967	1967
19670074361	Airborne television monitor evaluation	1967
19670074362	Unified field theory	1967
19670074364	Experimental research on geomagnetic guiding of decimeter waves	1967
19670074365	TOS mission operations plan for WTR LAUNCHES	1967
19670074366	Contribution to the study of the oxidative mechanism at the subcellular level in the yeast. Part 2 - Pyruvate oxidative metabolism in yeast. Part 3 - The oxidative metabolism of acetate	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074368	A study of the decomposition of organic matter in the soil by means of radioactive carbon. II - Decomposition of radioactive glucose in the soil. B - Distribution of radioactivity in the alpha-humus	1967
19670074369	Silicon carbide and nonohmic resistors. II. Oxidation rates of silicon carbides	1967
19670074371	Circular arrays of beverage antennas for high frequency direction finding Interim development report, 1 Oct. - 31 Dec. 1966	1967
19670074376	Navy thermionic diode program Final report, 21 Jun. 1963 - 31 Jan. 1967	1967
19670074378	AFFTC experiences with hybrid computation in a real-time simulation of the X-15A-2 FINAL report	1967
19670074379	Development and evaluation of transistor, field effect, insulated gate, 400 megahertz amplifier Final report, 1 Jul. 1965 - 30 Jun. 1966	1967
19670074380	Plasma arc welding process development program Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670074384	Determination of trapping parameters in crystalline solids Final report, 18 Jan. 1963 - 17 Jan. 1967	1967
19670074387	Critical load curves for rebound cracking Final report, Jun. 1965 - Sep. 1966	1967
19670074388	EW crossed-field amplifier Quarterly progress report, 15 Oct. 1966 - 15 Jan. 1967	1967
19670074389	Research on inhibited N2O4 Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074391	Laser triggered switch study Final report, Dec. 1965 - Dec. 1966	1967
19670074393	Investigation of liquid metal boiling heat transfer	1967
19670074395	Progress report and future research plans	1967
19670074397	The status of the Clevite CdS thin film solar cell	1967
19670074399	Airborne phased array techniques Interim technical report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074403	Research on Gunn effect devices, part II INTERIM technical report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074404	A study of brain function through advanced computer techniques for analysis of electroencephalographic data Semiannual report, 1 Jul. - 31 Dec. 1966	1967
19670074405	A study of the voltage step-down dc-to-dc regulated converter with hysteretic bistable trigger - Analysis with emphasis on design	1967
19670074406	A study of the heat-resistant alloy A-286	1967
19670074407	Thin ferrites for integrated microwave devices Quarterly technical report	1967
19670074408	Study on the decomposition of organic matter in soil by radioactive carbon. II. DECOMPOSITION of radioactive glucose in soil. A. Distribution of radioactivity in the humus fractions of soil	1967
19670074409	Protective coatings for refractory metals in rocket engines Interim report, 25 Oct. 1965 - 25 Nov. 1966	1967
19670074413	Exploratory studies of binary G systems	1967
19670074414	Research and development on fuel cell technology	1967
19670074415	An experimental analysis of the micro- neuroanatomy of the central nervous system Semiannual status report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670074417	Hypersonic laminar and turbulent skin friction and heat transfer on a slender cone Interim report, 1 Jul. - 31 Dec. 1966	1967
19670074418	Development of hydrothermal method for growing single crystals of high purity beryllium oxide and the study of the feasibility of hydrothermal growth of selected crystals Progress report, 15 Oct. 1966 - 15 Jan. 1967	1967
19670074419	Study of cumulative damage techniques for the prediction of motor failure Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074421	Investigations in the far-infrared with a lamellar grating interferometer Technical report, Jan. 1965 - Jan. 1967	1967
19670074422	Production engineering measures for microwave ferrimagnetic materials and circulators Quarterly progress report, 1 Aug. - 31 Oct. 1966	1967
19670074424	Space correlation measurements in the fluctuating turbulent wakes behind projectiles	1967
19670074425	Orthomux data transmission system Final report	1967
19670074430	Interference reduction techniques for mixers Interim report	1967
19670074431	Development of manufacturing processes and techniques for mass memory Interim engineering progress report, 1 Aug. - 31 Oct. 1966	1967
19670074433	Evaluation of low-cost materials and manufacturing processes for large solid rocket nozzles - Analysis of performance, nozzle no. 3 Test report	1967
19670074434	Avalanche pumped semiconductor laser Final report	1967
19670074435	Evoked visual responses, the electroretinogram and the area intensity relation Progress report	1967
19670074436	The relationship between maritime precipitation radar echoes and cloud cover viewed by satellites in polar orbits. Volume II - Illustrations Final report	1967
19670074437	Adjustment of astrogeodetic triangulation network Final report	1967
19670074438	Screening and evaluation of low-temperature fuel-resistant elastomers Final report 24 May 1965 - 24 Mar. 1967	1967
19670074439	Development and evaluation of diffusion bonded laminated sections Interim progress report, 1 Jan. - 31 Mar. 1967	1967
19670074440	Research on digital computer simulation of high power millimeter wave generation devices Technical report, 6 May 1965 - 31 Aug. 1966	1967
19670074441	Research and technology division report for 1966	1967
19670074442	Electroluminescent runway marking system /ACA-12/67I/ Final report	1967
19670074443	Development and study of an electrical analog ear Quarterly report, 15 May - 14 Aug. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074445	The effects of a thick disk cloud and an overcast with a hole on X-ray induced fluorescent light from a deep-space nuclear burst Interim technical report	1967
19670074446	Fiber optics with high ultraviolet transmission Quarterly report, 1 Aug. - 31 Oct. 1966	1967
19670074447	Solid state digital scanning of mosaic sensors, phase III Interim technical report, 15 Oct. 1966 - 28 Feb. 1967	1967
19670074448	WRECS-A Fortran II code for computation of weapon radiation effects on communication systems Volume VII - LF programs HALF and LALF	1967
19670074449	New techniques for millimeter-wave radiation Final report, Jun. 1965 - Aug. 1966	1967
19670074452	An engineering analysis of facility requirements for testing turbojet and turbofan engines of the 60,000-lb-thrust class Technical report, Sep. - Dec. 1966	1967
19670074453	High power mercury switch study Final technical report, Aug. 1965 - Aug. 1966	1967
19670074455	Space communications. Division 6 Quarterly technical summary report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074456	Absorbent material evaluation Quarterly progress report, 17 Oct. 1966 - 16 Jan. 1967	1967
19670074457	CIRCUS - A digital computer program for transient analysis of electronic circuits user's guide Final report	1967
19670074458	Strapdown systems and components - Test procedures	1967
19670074459	Product improvement and redesign of the MXU-313/B recovery unit Final report, Jun. 1965 - Dec. 1966	1967
19670074460	Block II AJ10-137 Apollo service module engine testing at simulated high altitude /report II, phase IV development/	1967
19670074461	Compressible fluid coupling of concentric cylinders Technical report, Nov. - Dec. 1966	1967
19670074462	Genetic studies of hydrogen bacteria and their applications to biological life support systems Status report no. 4 1 Nov. 1966 - 30 Apr. 1967	1967
19670074463	The repeatability of a neodymium-doped glass laser using Kodak 9740 bleachable dye as the Q-switching element	1967
19670074464	Preparation and characterization of lead dioxide electrodes for reserve batteries Final report	1967
19670074465	Project Sophy solid propellant hazards program Progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074466	Ionized matter and electric currents in terrestrial environment	1967
19670074468	The physiological bases of acclimatization to heat medico-military implications	1967
19670074470	Formation of alkali metals from alkali halides during 50 keV electron bombardment	1967
19670074473	Project Sophy solid propellant hazards program Status report, 1-31 Dec. 1966	1967
19670074477	Air densities for atmospheric nuclear tests and columnar air mass data	1967
19670074478	Experiments using cold forging equipment for ausforming components, part III	1967
19670074480	Determining the energy input to an electric shock tube	1967
19670074481	Fleet fuel control problem Final report	1967
19670074484	Thermal effects in semiconductor reflectivity enhancement, April - December 1966	1967
19670074485	Project ALARR, phase A, program definition Technical report, Mar. 1963 - Apr. 1964	1967
19670074486	SNAP 21 safety test program - Basic test plan for ocean exposure studies of SNAP 21 electrically heated fuel capsule test systems	1967
19670074487	Series "S" ion exchange membrane fuel cell test program Final report, 1 Nov. 1961 - 17 Dec. 1966	1967
19670074488	Translation of new fibers into yarns and woven structures Technical report, 15 Dec. 1965 - 1 Jan. 1967	1967
19670074489	Antenna pointing and Doppler prediction computer complex, volume I Final report, 1 Feb. 1965 - 18 Nov. 1966	1967
19670074490	Diverter valve development program. Volume II - Full scale diverter valve development Final report	1967
19670074491	Evaluation of candidate fire-resistant hydraulic fluids Final report, 20 May - 20 Nov. 1966	1967
19670074504	Development of production methods for generating aspheric lens surfaces Final report, Jul. 1958 - Mar. 1966	1967
19670074505	Castable carbonaceous insulation development Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670074508	On elastic filament reinforcement of a viscoelastic cylinder	1967
19670074509	Stress-aging - A new treatment for alloys. Part 5 - Thermal stability of stress- aged tensile properties of three ultra- high-strength steels	1967
19670074510	New rocket propulsion systems	1967
19670074511	Reflector antenna zoom techniques Quarterly report, 23 Sep. - 23 Dec. 1966	1967
19670074515	Hydrostatic testing of shock tube cylinders Technical report, 11 Aug. - 21 Nov. 1966	1967
19670074516	The space-bandwidth product in optical communications	1967
19670074518	Advanced techniques for integrated circuit distributed arrays Final report, 1 Oct. 1965 - 1 Oct. 1966	1967
19670074519	Microscopic and microchemical study of aged solid propellant grains Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074522	Weld defects in aluminum alloys - An annotated bibliography literature search, 1960 - January 1967	1967
19670074523	WRECS-A Fortran II code for computation of weapon radiation effects on communication systems. Volume VIII - HF HIALT	1967
19670074528	Investigations of high-power beam plasma interactions Quarterly report, 15 Sep. - 14 Dec. 1966	1967
19670074531	Effects of noise in character recognition systems Final report, Sep. 1965 - Oct. 1966	1967
19670074532	Production engineering measure for insulated gate field effect transistors Quarterly progress report, 1 Sep. - 30 Nov. 1966	1967
19670074533	Array beam switching study	1967
19670074536	Coding and use of information in problem solving Annual progress report, 1 Jun. 1966 - 31 Mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074538	Evaluation of low cost materials and manufacturing processes for large solid rocket nozzles. Analysis of performance, nozzle SN2	1967
19670074539	Theoretical simulation of micropulsations Research report, Aug. - Dec. 1966	1967
19670074540	Descriptions of the geomagnetic field	1967
19670074541	Biological fluid mechanics Status report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670074542	Progressive hydraulic pressure reactor for the first German nuclear energy research ship	1967
19670074544	Filament-metal matrix composite motor case study Quarterly technical progress report, 1 Oct. - 31 Dec. 1966	1967
19670074546	The effect of electroless nickel plating on the fatigue properties of H-11 steel	1967
19670074547	Production engineering measure for mechanization of high-reliability capacitors Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670074548	The effects of a double overcast on the fluorescent light signature from a deep-space nuclear burst Interim technical report	1967
19670074549	Investigation of biochemical stabilization of aqueous solutions of organic compounds by unsaturated flow through porous media Semiannual status report	1967
19670074550	Mass transport through membranes	1967
19670074551	Stability of magnetic wells for a plasma with finite pressure	1967
19670074552	Nickel-base superalloy oxidation Technical report, 1 Jul. 1965 - 31 Jan. 1967	1967
19670074555	Earth orbit rendezvous guidance studies Final technical report	1967
19670074556	Asymptotic methods for an infinitely long slider squeeze-film bearing	1967
19670074557	Interaction between core and shell in heat management	1967
19670074558	Intermittent creep and stability of materials for SST applications Summary technical report, Jul. 1963 - Dec. 1966	1967
19670074560	Experimental investigation of omnidirectional sonar reflectors based on the inhomogeneous lens principle	1967
19670074562	Diagnosis of performance of electric propulsion engines Final technical report	1967
19670074563	The crystal structures of spodiosite analogs and their spectral properties	1967
19670074564	Lumped parameter beam models based on mechanical impedance Interim report, Mar. 1966 - Feb. 1967	1967
19670074568	Multi-balloon studies of the spatial structure of fast time variations of auroral zone electron precipitation	1967
19670074569	Use of pulsed laser to study smoke distribution in jet	1967
19670074574	Investigation of impaction mechanisms of particles on collectors in turbulent flow Quarterly report, 20 Aug. - 19 Nov. 1966	1967
19670074575	Electron beam - Pn junction active devices and measurements Final report	1967
19670074580	Gear load-carrying capacities of various lubricant types at high temperatures in air and nitrogen atmospheres Technical report, 1 Feb. 1965 - 1 Dec. 1966	1967
19670074583	Compatible semiconductor thin film techniques Interim report, 16 Oct. 1966 - 15 Jan. 1967	1967
19670074584	The opacity of low-temperature air Technical report, 1 Aug. 1965 - 17 Oct. 1966	1967
19670074585	Fatigue crack propagation and strain cycling properties Interim technical report	1967
19670074586	Evaluation of EXLD-502 vibration damping tiles submitted by Lord Manufacturing Company Final report	1967
19670074587	Extended target detection with emphasis on acoustic surveillance. Volume III - Signal-to-noise ratios with approximate processors	1967
19670074588	Research to investigate the microstructure of the internal magnetic field in selected magnetic materials Final report, 1 Dec. 1965 - 31 Dec. 1966	1967
19670074591	Development of asynchronous multiplexer techniques Semiannual report, Aug. 1966 - Jan. 1967	1967
19670074592	Suggested modification of the Hull cell	1967
19670074594	Magnetoplasma wave properties	1967
19670074595	Resonant frequency of periodic surfaces for oblique incidence	1967
19670074596	The NAE T-33 turbulence research aircraft	1967
19670074598	Limited war radar techniques solid state radiating transmitter Final technical report, Mar. 1966 - Jan. 1967	1967
19670074600	Test site no. 11, Yellowstone National Park Quarterly report	1967
19670074601	Underwater acoustic marker for downed aircraft location Final report, 1 Sep. 1966 - 15 Feb. 1967	1967
19670074602	Continued studies on advanced ferrimagnetic materials applied to digital shifters Quarterly report, 29 Nov. 1966 - 3 Mar. 1967	1967
19670074610	The mechanics of fracture in viscoelastic media Semiannual progress report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670074613	Monoenergetic critical parameters and decay constants for small spheres and thin slabs	1967
19670074617	Soft X-ray absorption measurement Final report, 23 Nov. 1965 - 23 Feb. 1967	1967
19670074618	Investigation of means for generating high-energy and extremely narrow laser pulses Final report, 28 Jun. 1966 - 28 Mar. 1967	1967
19670074619	Depth of penetration of bombarding ions into a sputtered surface Technical report, 25 Sep. 1964 - 15 Oct. 1966	1967
19670074620	Development of seals for Poseidon C-3 missile launching system Progress report	1967
19670074622	A digital recording system for Loran-C	1967
19670074623	Development of a subscale manufacturing process for the fabrication of hypereutectic transition-metal carbide composites Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670074624	Development of a 1-watt, 2-GHz silicon UHF POWER transistor Quarterly report, 1 Aug. - 31 Oct. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074625	Thermoelectric air conditioner performance improvement investigation, phases I and II Technical report, 1 Jul. 1965 - 1 Nov. 1966	1967
19670074626	Fifty millijoule exploding bridgewire detonator feasibility study and applied research	1967
19670074627	Qualification and engine test of specification MIL-L-22851A dispersant oil candidate Socony-Mobil XRM 173E oil Final report, Jul. 1965 - Oct. 1966	1967
19670074628	Development of a transistor-varactor diode capable of 5 watts output at 2.3 gigahertz	1967
19670074629	The development of heat sealable coated fabrics for Army weapons applications	1967
19670074630	Infrared-to-visible conversion in luminescent crystals and diffused layers Quarterly progress report, 1 Aug. - 31 Oct. 1966	1967
19670074631	Weapon system 113 B/133A-M Mark 17 reentry system. Mark 17 experimental test report of shear key test	1967
19670074632	Development of the WOX-69A detonator	1967
19670074633	Boron	1967
19670074635	High-power laser amplifier chain techniques Interim report, 15 Jul. - 15 Oct. 1966	1967
19670074636	Minimum error rate diversity combining Final report, Oct. 1965 - Sep. 1966	1967
19670074638	S-and X-band Schottky barrier diode manufacturing methods Quarterly report, 1 Jan. - 1 Apr. 1967	1967
19670074639	Investigation of electromagnetic wave propagation in a cylindrical plasma with a magnetic field	1967
19670074640	Epitaxial growth of ferromagnetic garnets Quarterly technical report, Jan. - Mar. 1967	1967
19670074641	Optimizing and scaling of hypervelocity launchers and comparison with measured data	1967
19670074642	Development of a 2.0 to 8.0 GHz low noise permanent-magnet traveling-wave amplifier with integral power supply Final report, Jan. 1964 - Sep. 1966	1967
19670074646	Evaluation of processing techniques for producing premium quality, high strength aluminum alloy castings Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670074649	Experimental aspects of nucleon-nucleon scattering near 210 MeV -- A critical review	1967
19670074650	Theory of angular correlations for two nucleons emitted in the nuclear absorption of slow pions	1967
19670074651	Vanadium alloy studies Quarterly report, Nov. 10, 1966 - Jan. 10, 1967	1967
19670074653	Note on coupling of pomeranchukon with photon	1967
19670074656	Defects in crystals Final technical report, Jan. - Dec. 1966	1967
19670074658	Research, development, and modification of interpretation and mensuration equipment	1967
19670074659	Nonlinear interaction of electrostatic plasma waves in higher approximations for the quasilinear theory	1967
19670074660	The distribution of voltage in a capacitor in response to applied pulses	1967
19670074661	On some properties of the radiation near the harmonics of the electron gyro-frequency in plasmas	1967
19670074662	Data of polyethylene insulated high-tension coaxial cable	1967
19670074663	Transmission measurements of electroacoustic waves in the GHz-frequency range	1967
19670074665	Arc breakdown solid dielectric switch capable of making a parallel metal contact	1967
19670074666	An argon capillary discharge as a light source for an interferometer	1967
19670074668	An experimental study of the pressure at the walls of ninety-degree pipe bends	1967
19670074669	An investigation of sudden frequency deviations due to the immediate ionospheric effects of solar flares	1967
19670074670	Development and testing of porous ionizer materials Summary report, Part II	1967
19670074671	Finite-difference calculation method for large elastic-plastic dynamically-induced deformations of general thin shells	1967
19670074673	Gravitational collapse of neutron stars	1967
19670074677	Dynamic systems analyzer V	1967
19670074680	Velocity distributions on round leading-edges for free-stream Mach numbers between zero and unity. Part 1 - Special case of circular leading-edges	1967
19670074682	Vanadium silicide	1967
19670074683	Wideband optical modulation techniques Final technical report	1967
19670074684	Numerical hydrodynamic calculations of the flow of the detonation products from a point-initiated explosive cylinder	1967
19670074685	Ground wind induced oscillations of the Titan III integrate-transfer-launch transporter, November 1964 to June 1966	1967
19670074689	Effects of suction on the interaction between shock wave and boundary layer at a compression corner	1967
19670074691	Preproduction and qualification testing of external electric power connecting equipment Final report, 3-19 Jan. 1967	1967
19670074693	A study of high-power electrostatically focused klystrons Progress report, 1 Aug. - 31 Oct. 1966	1967
19670074694	Physical processes in electrical breakdown in vacuum Technical report, 1 Oct. - 31 Dec. 1965	1967
19670074695	Nondestructive test results and altitude performance of ten Mark 11 reentry vehicle pitch motors having ages ranging from 44 to 48 months Technical report, 22 - 28 Feb. 1967	1967
19670074698	Study and investigation of microminiaturization of vocoder analog circuitry Final report, 28 Jun. 1965 - 9 Jun. 1966	1967
19670074704	Feasibility Study of Large Space Erectable Antennas. Volume II - Study Interim Final Report	1967
19670074705	Ranger vehicle post flight structural dynamic evaluation, volume I	1967
19670074707	Reproduction and qualification testing of external electric power connecting equipment Final report, 10 Oct. - 16 Dec. 1966	1967
19670074708	Geologic evaluation of infrared imagery of highly faulted volcanic terrain in southeast Oregon	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074709	An evaluation of three theories of figural organization	1967
19670074713	Radar imagery - Parmachenee Lake area west-central Maine	1967
19670074714	Fabrication techniques for light weight hyper- environment e-m windows Interim quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074715	Analysis of the performance of a quadrupole mass spectrometer	1967
19670074716	Manned planetary mission parametric study	1967
19670074717	PBI fiber processes Interim progress report, Jan. - Mar. 1967	1967
19670074718	Structural reliability	1967
19670074720	Project Sophy solid propellant hazards program Contract status report, 1-31 Jan. 1967	1967
19670074721	Electronically tunable YIG filters with electronically variable bandwidth Final report, Jan. 1965 - Dec. 1966	1967
19670074722	A guide to NASA data handbooks	1967
19670074723	Agriculture/forestry resource survey program Quarterly status report, 1 Jan. - 31 Mar. 1967	1967
19670074724	Apollo/Saturn First Article Configuration Inspection /FACI/ requirements	1967
19670074726	Mechanical properties, including fracture toughness and fatigue, and resistance to stress-corrosion cracking of stress-relieved stretched aluminum alloy extrusions Quarterly report, 15 Dec. 1966 - 15 Mar. 1967	1967
19670074727	Array beam switching study Quarterly report	1967
19670074728	The catalysis of thermal decomposition and burning reactions of fuel-oxidant compositions Quarterly progress report, Oct. - Dec. 1966	1967
19670074730	Radiation effects on insulated gate field effect /MOS/ integrated circuits Quarterly progress report, Oct. - Dec. 1966	1967
19670074731	Proposed characteristic length /L/ correlation for liquid propellant rocket engines	1967
19670074732	Acoustic noise reduction in helmet-to- suit mating Final report, Jan. - Dec. 1966	1967
19670074734	Local Afterbody Heat Transfer to a Blunt Two-dimensional Configuration at Mach 8	1967
19670074735	Buckling of orthotropic conical shells with elastic edge restraint subjected to lateral pressure and axial load	1967
19670074737	Hypervelocity-impact data index. Part I - Bibliography	1967
19670074738	Optimum fibrous structures of X-101 and PRD- 14 yarns Technical report, Jun. 1964 - Sep. 1966	1967
19670074739	Microelectronic Radar Intercept Calculator RIC Final report, Oct. 1964 - Jul. 1966	1967
19670074741	Infrared detectors and detector materials Interim report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074742	Investigation of single crystal silicon ribbon Interim report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670074743	Low noise antenna techniques Quarterly report, 16 Sep. - 15 Dec. 1966	1967
19670074746	Introduction to the surface-mounted slotted TEM-line antenna	1967
19670074747	Dual-beam slotted TEM-line antennas	1967
19670074748	The single-beam slotted TEM-line antenna	1967
19670074750	R and D technical services - State of the art review sound suppressors Final phase B report, 1 Feb. 1966 - 15 Jan. 1967	1967
19670074751	A general approach to parallel operation in a multiprocessor environment Final report	1967
19670074752	Expanded little IDA program instrumentation Interim report	1967
19670074753	High voltage power line siting criteria. Volume III - Bibliography Final report	1967
19670074755	A simulation study of the impact of base maintenance return rate policies on requirements for aircraft engine spares and repair line capacities for the TF30P3 engine in the F-111 aircraft	1967
19670074756	Infrared imagery of part of the high Cascade Range and Mc Kenzie River Valley, Oregon	1967
19670074766	Emerging aerospace materials and fabrication techniques	1967
19670074767	The fabrication and characterization of Schottky barrier mixer diodes and integrated mixers for S-, X-, Ku-, and K-band Final report, 1 May 1965 - 30 Nov. 1966	1967
19670074780	Studies on an inert gas disk hall generator driven in a shock tunnel	1967
19670074781	Range safety aerodynamic characteristics of the Apollo/Saturn V vehicles	1967
19670074783	Optical Doppler velocity recording system Final report	1967
19670074784	Investigation of material release and electric current emission from electrodes, particularly in high vacuum Semiannual status report	1967
19670074785	Liquid sloshing in laterally and longitudinally excited rigid spheroids, part I Technical summary report	1967
19670074786	Research in radiation physics and aerodynamics Semiannual technical summary, period ending 31 Mar. 1967	1967
19670074788	Opacity of low-temperature air Final report, 1 Sep. 1965 - 1 Sep. 1966	1967
19670074789	Transistor, field-effect, HF, silicon, power, linear, 10-megahertz, 5-watt-pep Semiannual report, 20 May - 20 Nov. 1966	1967
19670074790	Laboratory investigations of mechanisms of water coalescers Phase report, Jun. 1965 - Mar. 1966	1967
19670074791	Alkali metal resistant electrical devices Quarterly technical progress report, Dec. 26, 1966 - Mar. 25, 1967	1967
19670074792	Upper and lower bounds to structural deformations by dual analysis in finite elements Final report, Jul. 1965 - Jun. 1966	1967
19670074793	Ion debris simulation Final report	1967
19670074794	Exercise tolerance at high and low altitudes. Subnormal cardiac output at rest and during exercise in residents at 3100 meters altitude Annual progress report, 1 Feb. 1966 - 30 Apr. 1967	1967
19670074798	On the generation of strong discontinuities in a moving boundary value problem in dynamic plasticity	1967
19670074799	Reflection of X-rays on absorbing ideal crystals	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074806	Titanium alloy structural forgings - Status report 1966	1967
19670074812	Adhesive bonding of titanium	1967
19670074813	Titanium fasteners	1967
19670074814	Designing with titanium	1967
19670074815	The direct determination of nonlinear displacements of arbitrarily supported shallow shells using mathematical programming techniques	1967
19670074816	Comparative flight plan analysis of the first Apollo rendezvous mission	1967
19670074817	Christiansen Dispersion Filters for High- Intensity and Selective Monochromators	1967
19670074818	Determination of the index of refraction of the X-rays through the phenomenon of total reflection	1967
19670074819	Selected semiconductor feedback video amplifiers	1967
19670074820	Optical pumps for lasers - phase II QUARTERLY report, 1 Oct. 1966 - 1 Jan. 1967	1967
19670074826	Development of extruding, drawing, and heat treating processes for thin steel extrusions Interim engineering progress report no. 7, 1 Jan. - 31 Mar. 1967	1967
19670074827	Research on materials essential to cryocooler technology Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670074838	Analysis of the propagation of plane elastic-plastic waves at finite strain	1967
19670074839	Minuteman surveillance motor dissection program Final report	1967
19670074842	Interference reduction techniques for receivers Final report, 1 Jul. 1963 - 30 Nov. 1966	1967
19670074843	In-guide - far field emission spectra measurements and correlations Final report	1967
19670074844	Interagency Chemical Rocket Propulsion Group - Hazards Working Group Third Meeting Bulletin	1967
19670074845	Hazards in the handling of fluorine	1967
19670074846	Damage control aspects of prepackaged liquid propulsion systems	1967
19670074847	Pad-abort thermal flux model for liquid rocket propellants	1967
19670074848	Nitrogen tetroxide /N2O4/ evaporation rate studies	1967
19670074849	Safety procedures developed for use with the prepackaged liquid propellant engines for Bullpup	1967
19670074850	Titan II launch facility accident briefing, Little Rock Air Force Base, Arkansas	1967
19670074851	TNT equivalencies for moderately pressurized tanks	1967
19670074852	Explosive equivalency of pressure vessels	1967
19670074854	Reaction of diisonitrosoacetone with sulfonyl chlorides Quarterly report, Apr. - Dec. 1966	1967
19670074855	Air Proving Ground Center support for Project Gemini Final report, 18 Nov. 1963 - 15 Dec. 1966	1967
19670074856	Gas turbine regenerators for marine environment Quarterly progress report, Jan. - Mar. 1967	1967
19670074857	Development of design and manufacturing technology for integrally formed structures Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670074858	Development of hermetically sealed fluid power actuators Final report, Feb. 1966 - Mar. 1967	1967
19670074859	Tactical considerations of atmospheric effects on laser propagation, phase I Final report	1967
19670074861	Validity of the time-dependent diffusion equation for diffusion of light in clouds	1967
19670074862	Fundamental studies in electrochemistry Quarterly progress report, 15 Sep. - 14 Dec. 1966	1967
19670074869	Rodent resistant cable materials Quarterly progress report, Jul. - Sep. 1966	1967
19670074870	Convergent-divergent nozzle contour optimization techniques	1967
19670074872	The effects of an infinite overcast on the intensity of fluorescent light	1967
19670074873	Ballistic range measurement of the cubic normal force and pitching moment of a nonrolling symmetric missile	1967
19670074874	Tests on a master gap working at atmospheric pressure	1967
19670074875	A short review of laser radars	1967
19670074876	Diamond	1967
19670074877	Further developments in the photography of two-phase gas-liquid flow	1967
19670074878	Optical properties and optically induced electron emission properties of a simple metal Interim report, 1 Oct. - 31 Dec. 1965	1967
19670074879	A multi-stop time-of-flight encoder	1967
19670074880	High power low pass filter Final report	1967
19670074881	Experimental study of light transport in clouds Interim technical report	1967
19670074882	Measurements of spatial coherence in 3.2-mm horizontal transmission, 1 July 1965 - 1 October 1966	1967
19670074883	Functionality determination of binder prepolymers Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670074884	Analysis of stability critical orthotropic cylinders subjected to axial compression	1967
19670074885	Feasibility model of a Range Azimuth and Elevation Detector of Optical Target /RAEDOT/ Technical report, 15 Sep. 1965 - 15 Nov. 1966	1967
19670074886	Flight evaluation of the XV-5A VSTOL AIRCRAFT Final report, 13 Aug. 1965 - 26 Jan. 1967	1967
19670074888	An improved system for forward transfer characteristic measurements using microwave sweep oscillators Interim report	1967
19670074889	The use of a single satellite in a range-range position finding system	1967
19670074890	Prevention of water condensation inside airborne stores using liquid nitrogen	1967
19670074891	Flight test of the hydro research vehicle HRV-1 equipped with hydrofoil no. 1 on strut no. 2 Final report	1967
19670074894	Theory of numbers. Part I - A theorem on lattice coverings Annual technical status report no. 2	1967
19670074896	Fire and explosion hazard assessment and prevention techniques for aircraft Quarterly progress report, Jan. 1 - Mar. 31, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074898	Preliminary results on the gravitational field of the moon and the physical properties of the moon as determined from analysis of lunar satellite tracking data	1967
19670074899	An algorithm for the iterative solution of a class of two-point boundary value problems occurring in optimal control theory	1967
19670074900	The application of the method of characteristics in three independent variables to the hypervelocity impact problem	1967
19670074902	Experimental evaluation of the rate of rise technique for measuring outgassing rates in vacuum	1967
19670074903	Demonstration of large super-pressure balloons as a primary standard for radar calibration Final report	1967
19670074904	Feasibility of modifying the S-IVB stage as an injection stage for manned planetary flyby missions, volume I Summary report	1967
19670074905	Saturn switch selector. Phase IV - Completion report	1967
19670074906	Fourier-Hermite representation of the one- dimensional Vlasov equations	1967
19670074907	Optimization of dynamic dampers for machine tools - Breaking down a machine tool into its elementary vibrational systems	1967
19670074908	NASA/USAF liquid propellant blast hazards program Quarterly progress report, period ending 31 Mar. 1967	1967
19670074910	Apollo/Saturn V facility description. Volume I - KSC industrial area and remote facilities description	1967
19670074917	Associative list selector Final technical report, 28 Jun. 1965 - 30 Jan. 1967	1967
19670074919	Electron tube research Sixteenth quarterly progress report, 1 Sep. - 30 Nov. 1966	1967
19670074920	Estimation of channel time-varying transfer function	1967
19670074921	Scattering function estimation	1967
19670074922	A functional minimization program for the radar mismatch filter problem	1967
19670074923	Signal transmission in noisy channels	1967
19670074924	Approximating a continuously variable delay line	1967
19670074925	A PSK demodulator for use in radar receivers	1967
19670074926	Realization and design of an active matched filter	1967
19670074927	High performance fuel cell Quarterly technical report no. 2, 1 Oct. - 31 Dec. 1966	1967
19670074928	Thermal dissociation of HF in a shock tube. Part I - Dissociation behind reflected shock waves using IR absorption	1967
19670074930	Cardiovascular adaptation during long-term weightlessness Semiannual progress report, 31 Oct. 1966 - 1 May 1967	1967
19670074932	Motion in the neighborhood of libration points of the restricted three-body problem Final report	1967
19670074933	Measurement of glass content in rocks by X-ray diffraction Progress report, Nov. 1966 - Apr. 1967	1967
19670074934	Crashworthiness study for passenger seat design - Analysis and testing of aircraft seats Final report, 1 May 1966 - 30 Apr. 1967	1967
19670074935	Cosmic ray investigations of elementary particle phenomena at very high energies Status report, 1 Aug. 1966 - 31 Jan. 1967	1967
19670074936	Geological Survey project to test remote sensing data over several types of broad geologic sites Status report, 1 Jan. - 31 Mar. 1967	1967
19670074937	Experimental and theoretical investigation of the rheological properties of materials and a visual study of the flow in the sublayer of drag reducing fluids Progress report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670074938	Life in extreme environments Semiannual report, 1 Dec. 1966 - 31 May 1967	1967
19670074939	X-ray detection of disordered orthopyroxenes in meteorites Semiannual report, 1 Dec. 1966 - 30 May 1967	1967
19670074942	Semiannual status report, November 1, 1966 - April 30, 1967	1967
19670074943	Ultra-high-altitude photography compilation evaluation	1967
19670074944	Electrophysiological correlates of perception and performance Progress report, Oct. 1, 1966 - Apr. 1, 1967	1967
19670074945	Research and technology implications report	1967
19670074947	Evaluation of Nimbus I high resolution infrared radiometer /HRIR/ imagery	1967
19670074949	Development of joining processes for titanium foils Interim engineering progress report, 15 Nov. 1966 - 28 Feb. 1967	1967
19670074951	Results of vibration measurements during AS-202 launch	1967
19670074952	Demonstration of a solid propellant motor malfunction-detection and combustion termination system, volume I. Combustion termination, phase I Final report, Jul. 1965 - Jun. 1967	1967
19670074953	Pyroelectric detector study Final report, Apr. 1966 - Mar. 1967	1967
19670074955	Theoretical and experimental investigation of solid-state mechanisms for generating coherent radiation in the ultraviolet and X-ray regions Semiannual report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670074956	Research on bearing lubricants for use in a high vacuum Progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074957	Advanced logistics spacecraft system	1967
19670074959	Composite shell analysis of a sonar dome	1967
19670074961	Development of closed die aluminum forging process for improved stress corrosion properties Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670074962	Polyphenylene resin /aromatic/ Interim progress report, 1 Jan. - 31 Mar. 1967	1967
19670074963	Electronic control of laser beams Final technical report, Feb. 1966 - Feb. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670074964	Phase I sled test report of the Lunar Excursion Module /LEM/ Abort Sensor Assembly /ASA/ test program Interim report, 6 Dec. 1966 - 27 Jan. 1967	1967
19670074965	Wind profile measurement Semiannual progress report, 1 Aug. 1966 - 31 Jan. 1967	1967
19670074967	TRAP I - Telespectrograph Final report	1967
19670074969	Multiple-reflective laser detector diode Interim technical report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074970	Operation and maintenance manual, Project TRAP	1967
19670074974	Study of composition and structure of meteorites, including the use and refinement of X-ray microspectrometric and micro- diffraction techniques Final report	1967
19670074978	Analog-to-digital and digital-to-analog converter development program Interim engineering progress report, 1 Dec. 1966 - 31 Mar. 1967	1967
19670074980	Thermodynamic properties of selected light-element and some related compounds	1967
19670074981	Honest John missile no. 2326, round no. 584 APL and missile no. 2364, round no. 549 APL Meteorological data report	1967
19670074985	Vibrational characteristics of a model space vehicle propellant tank Technical summary report, pt. II	1967
19670074988	Radio reflection by free radicals in the earth's atmosphere	1967
19670074990	Demonstration of a Solid-Propellant Motor Malfunction-Detection and Combustion Termination System, Volume I. Combustion Termination, Phase II	1967
19670074992	Measurement of neutron intensity in space, electron densities in the ionosphere, and solar X-radiation Quarterly status report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670074996	Theoretical investigation of a self-sustained nuclear plasma source Semiannual progress report, 1 Dec. 1966 - 31 May 1967	1967
19670074997	Platform electronics package Omega Position Location Equipment /OPLE/ Quarterly report, 15 Feb. - 31 Mar. 1967	1967
19670074998	Description of a torsion system with exploratory data on accelerated creep due to multiple stress reversals	1967
19670075000	The slotted TEM-line antenna - Low profile, beam scanning, travelling wave antenna	1967
19670075001	Alertness in Manned Space Flight. Part II - Operational Guidelines Final Report	1967
19670075002	Liquid metal-lubricated bearing instrumentation. Part II - Advanced prototype film thickness, film continuity, and film pressure sensors Final report, 15 Apr. 1965 - 15 Feb. 1967	1967
19670075004	Development and demonstration of ablative thrust chamber assemblies using LF2/N2H4 BLEND propellants - Phase I Final report, 1 Sep. - 15 Nov. 1966	1967
19670075008	Production drawings for N2/O2 and water-in-gas analytical systems	1967
19670075009	Effect of nozzle geometry on off-design performance of partial admission impulse turbines	1967
19670075014	Microbial activity in non-aqueous systems Progress report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670075016	Semiannual status report, November 1, 1966 - April 30, 1967	1967
19670075018	Increasing work output by aversive stimulation	1967
19670075019	Chronic acceleration studies - Physiological responses to artificial alterations in weight Progress report	1967
19670075020	An automated procedure for producing contour charts	1967
19670075021	Symmetrical charge exchange and ion-atom reactions Final report	1967
19670075022	SYMEX final report	1967
19670075023	Ion cyclotron resonance and the determination of collision cross sections	1967
19670075024	Further studies of collision cross sections by ion cyclotron resonance	1967
19670075025	Hydrogen ion cross section determination by ion cyclotron resonance	1967
19670075026	Ion cyclotron resonance spectrometer	1967
19670075027	Cyclotron resonance absorption of some negative ions	1967
19670075028	Observations of negative ions in oxygen and water vapor by ion cyclotron resonance	1967
19670075029	Ion cyclotron resonance line broadening at high E/P	1967
19670075030	Reaction rate studies using pulsed ion cyclotron resonance	1967
19670075031	Ion cyclotron resonance line broadening at high E/P	1967
19670075033	Subscale geysering research	1967
19670075034	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670075037	Gemini photography evaluation	1967
19670075038	Feasibility of Modifying the S-II Stage as an Injection Stage for Manned Planetary Flyby Missions. Volume III - Tanker Concepts and LOX Transfer	1967
19670075039	Recommended lunar exploration plan, volume III Final report	1967
19670075040	Study of mission modes and systems analysis for lunar exploration Final report, 3 Jan. 1966 - 3 Feb. 1967	1967
19670075041	Technical studies on the communications satellites Progress report 1 Feb. - 30 Apr. 1967	1967
19670075042	Forced Oscillations of Prismatic Bars	1967
19670075043	Orbiting data relay network study Final report, Aug. 1966 - Feb. 1967	1967
19670075048	Brazed plumbing system critical design review	1967
19670075050	Bonding of representative liners to maraging steel	1967
19670075051	Orbital fuel cell Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967
19670075052	Operational test and evaluation - The Metric Systems Corporation release gate /C-123 aerial delivery equipment/	1967
19670075053	The durability of "Fingal" glass. Part I - Discussion of method and effect of leaching conditions	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075055	On the accuracy of acceptor compensation by lithium ion drift	1967
19670075056	Preliminary corrosion tests on some steam treated zirconium alloys	1967
19670075057	On the mechanism of decomposition of brucite	1967
19670075058	An improved air-cavity explosive charge for accelerating steel and nickel pellets	1967
19670075060	Research on dispersion strengthened cobalt- base alloys Summary report, 15 Feb. 1966 - 14 Feb. 1967	1967
19670075061	Fabrication and testing of 5000 word cryogenic associative processor Final technical report, 10 May 1965 - 10 Oct. 1966	1967
19670075063	MIMOSA planning methodology, volume III FINAL report	1967
19670075064	Research and development of on-board control systems and elements for aerospace vehicles Progress report no. 5, 1 Oct. 1966 - 31 Mar. 1967	1967
19670075065	High voltage power line siting criteria. Volume I. High voltage power line test results, analysis and appendices Final report	1967
19670075066	Mechanical instability of alloy Ti- 6Al-4V under large extensional vibrations	1967
19670075067	Develop microwave imaging and spectral systems for use in orbiting spacecraft Semiannual report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670075070	Animal respiration study Semiannual progress report, period ending 31 Mar. 1967	1967
19670075071	Observations of ELF noise bands with satellite Injun III	1967
19670075072	Remarks on the S-matrix phenomenology of multiple production	1967
19670075074	Thermo and hydrodynamic experiment research module in orbit Final report	1967
19670075075	Human factors visual simulation study Final report	1967
19670075091	Pilot/vehicle analysis at Systems Technology, Inc.	1967
19670075095	Fuel elements and irradiation equipment for research reactors	1967
19670075100	Discussion of an Experiment to Measure the Polarization of Dayglow Lyman Alpha	1967
19670075101	Effects of some optical parameters in the Laser Doppler Velocimeter	1967
19670075102	Performance degradation data of digital systems under controlled interference conditions. Volume I - ASK modulated carrier system	1967
19670075106	Format II - Second version of Fortran matrix abstraction technique. Volume I. Engineering user report Final report	1967
19670075107	An efficiency study of several techniques for the numerical integration of the equations of motion for missiles and shell	1967
19670075108	Field performance evaluation of TRAP I pointing and tracking subsystem, revision A	1967
19670075109	Application of a pneumatic gun apparatus to structural impact studies at high velocity	1967
19670075110	Radioactivity release from radionuclide power sources. V. Release from plutonium dioxide to sea water at high temperatures and pressures	1967
19670075111	Detailed test objectives for improved Delta launch vehicle spacecraft - DAC TOS-C/NASA TOS-D	1967
19670075112	Transient radiation effects recorder /TRADER/, volume I Final report, Oct. 1965 - Feb. 1967	1967
19670075113	Feasibility of modifying the S-II stage as an injection stage for manned planetary flyby missions. Volume II - S-II-B injection stage /part 2/ Final report	1967
19670075114	Feasibility of Modifying the S-II Stage as an Injection Stage for Manned Planetary Flyby Missions. Volume II - S-II-B Injection Stage /part 1/ Final Report	1967
19670075115	Study of mission modes and system analysis for lunar exploration. MIMOSA planning methodology - Volume I - Planners' handbook Final report, 3 Jan. 1966 - 3 Feb. 1967	1967
19670075116	Human factors visual simulation study	1967
19670075119	Principles and applications of thermionic energy conversion	1967
19670075120	Feasibility of Modifying the S-II Stage as an Injection Stage for Manned Planetary Flyby Missions. Volume IV - Resource Analysis Final Report	1967
19670075121	Feasibility of modifying the S-II stage as an injection stage for manned planetary flyby missions. Volume I - Summary report Final report	1967
19670075126	Space propulsion system project Final report, 24 Aug. 1964 - Nov. 1965	1967
19670075129	Storage batteries for miner's portable lamps	1967
19670075130	ITS-DOVAP receiver, description and alignment	1967
19670075131	Thermal shock and fracture in ceramics	1967
19670075132	Thermal gas reactions of graphite	1967
19670075133	The analysis of dimensional changes in irradiated graphite	1967
19670075135	Development of a zinc/oxygen battery system for space vehicle application Quarterly report, Oct. 1 - Dec. 30, 1966	1967
19670075136	Analysis of the Runge-Kutta-Fehlberg method	1967
19670075138	Evaluation of high-energy plasticizers /U/ Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670075140	Ferrocene and ferrocene derivatives /U/	1967
19670075141	An evaluation of signal processing techniques suitable for an electronically scanned mobile tactical air defense radar system /U/	1967
19670075142	Evaluation of acoustic liners for rocket chambers Quarterly progress report, 1 Nov. 1966 - 1 Feb. 1967	1967
19670075144	Project Gemini, ascent guidance program and test plan for the Mod III computing system /U/	1967
19670075147	High energy plasticizers /U/ Quarterly report, Jan. - Mar. 1967	1967
19670075148	PRIME preliminary flight evaluation, test flight no. 2 /U/	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075149	Investigation of noise and attenuation characteristics of high-performance solid propellants /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670075152	Coherent Doppler radar modification /MAGDARR/ to the AN/APQ-94 radar, flight test of /U/ Interim report	1967
19670075153	Sensitivity fundamentals /U/ Semiannual progress report, 16 Sep. 1966 - 15 Mar. 1967	1967
19670075154	Direct expulsion liquid propellant rocket system/mortar boosted projectile /U/	1967
19670075155	Chemistry research quarterly progress report, /U/ July - September 1966	1967
19670075156	High pressure-low temperature study of hydrogenous fuels /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670075158	Improvement of sensitivity of LMH-1 PROPELLANTS /U/ Final technical report, 3 Jan. 1966 - 2 Jan. 1967	1967
19670075159	The significance of reusability in future launch vehicle systems /U/	1967
19670075166	Miniaturization of the fluoric temperature sensor /U/	1967
19670075167	Study, investigation, design and development of a demodulator Quarterly progress report, 1 Sep. - 30 Nov. 1966	1967
19670075169	Application of hydrogen-oxidizing bacteria to bioregenerative life support systems - Growth of Hydrogenomonas eutropha Final report, 17 May 1965 - 16 May 1967	1967
19670075170	On the evaluation of welded and brazed stainless steels and superalloys in a corrosive environment Progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075176	Reentry vehicle technology and observables /RVTO phase 1A program /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670075182	Grid analogies for the elastic bending of plates. Part 2 - Plates of any Poisson's ratio	1967
19670075183	The mechanical properties of sintered 316L stainless steel	1967
19670075184	Some effects of irradiation at 77 deg K on the physical properties of graphite	1967
19670075185	The performance of nuclear emulsions used as fast neutron dosimeters in the vicinity of nuclear reactors	1967
19670075186	The kinetics of the oxidation of irradiated uranium dioxide spheres in dry air	1967
19670075195	Second ICRPG/AIAA Solid Propulsion Conference, June 6-8, 1967 /U/	1967
19670075197	Propulsion Development Department Review. Part 1 - Propulsion techniques, systems, and analysis /U/ Quarterly report, Jan. - Mar. 1967	1967
19670075198	Electrogasdynamic thrust vector control /U/	1967
19670075199	Rocket Assisted Projectile /RAP/ /U/	1967
19670075200	Bombardment Rocket /BOMROC/ /U/	1967
19670075201	Extended range ASROC /U/	1967
19670075202	Low Volume Ramjet /LVRJ/ booster /U/	1967
19670075203	Research studies for reinforced grain design /U/	1967
19670075204	Integrated thrust magnitude control and thrust vector control system studies /VANGI/ /U/	1967
19670075205	Radar attenuation /U/	1967
19670075206	System propulsion analysis /U/	1967
19670075207	Teeny rocket /U/	1967
19670075208	AIM-7F motor attenuation characteristics /U/	1967
19670075209	Shipboard chaff rocket decoy system /U/	1967
19670075210	Propulsion Development Department Review. Part 2 - Propellants and materials /U/ Quarterly report, Jan. - Mar. 1967	1967
19670075211	Fluorocarbon propellants /U/	1967
19670075212	Adhesive systems for fluorocarbon-bound solid propellants	1967
19670075213	Air-augmentation solid propellant /U/	1967
19670075214	High performance solid propellants /U/	1967
19670075215	C-series propellants /U/	1967
19670075216	Solid propellants containing high energy ingredients /U/	1967
19670075217	Storage stable binders for castable composite propellants /U/	1967
19670075218	Carboxyl cross-linked binders /U/	1967
19670075219	Binder research /summary of 3M Company's research/ /U/	1967
19670075220	High temperature stable fluoroelastomers /U/	1967
19670075221	Material technology	1967
19670075222	Weather modification /U/	1967
19670075223	Briteye /U/	1967
19670075224	Adhesive and liner systems for CTPB solid propellants	1967
19670075225	Propulsion Development Department Review. Part 4 - Liquid propulsion /U/ Quarterly report, Jan. - Mar. 1967	1967
19670075226	Metallized liquid propellants /U/	1967
19670075227	Monopropellant gas generator formulations /U/	1967
19670075228	Liquid propellant evaluation	1967
19670075229	Liquid propulsion fleet applications	1967
19670075230	Positive expulsion of gelled propellants /U/	1967
19670075231	Injectors for gelled propellants /U/	1967
19670075232	Thrust vector control for prepackaged liquid propellants /U/	1967
19670075233	Monopropellant gas generators /U/	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075234	Condor missile propulsion system /U/	1967
19670075235	Ablative chamber research /U/	1967
19670075236	Underwater buoyancy systems	1967
19670075237	Packaged Liquid Air-Augmented Rocket /PLAAR/, neat liquid system /U/	1967
19670075239	HF narrowband secure voice equipment tests /U/ Interim report	1967
19670075240	Individual Night Vision Goggles /NVG/ /U/ Interim report	1967
19670075241	Propulsion component development for metallized gelled propellants /U/	1967
19670075242	Research in fluoro-nitro compounds /U/ Semiannual report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670075243	Quarterly project progress report, October - December 1966 /U/	1967
19670075245	Gas generator propellant charge and igniter for the standard range Shillelagh missile system /U/ Accelerated storage program report	1967
19670075246	Wind tunnel tests of Dual Mode Scramjet Inlet configurations at Mach numbers from 2.5 to 6 /U/	1967
19670075247	The fabrication of pyrophoric materials by sintering	1967
19670075248	A capacitance gauge for measurement of tube bore	1967
19670075249	The surface potential of hydrogen on uranium	1967
19670075250	The distribution of iron impurity in single crystal MgO and some effects on mechanical properties	1967
19670075251	The influence of channelling on radiation damage produced in silicon during ion bombardment	1967
19670075252	Studies on excitation parameters Summary technical report no. 2, 1 Nov. 1965 - 31 Oct. 1966	1967
19670075253	Zenith radar study of the structure of the troposphere	1967
19670075254	The extended Ritz method applied to transient, coupled thermoelastic boundary- value problems	1967
19670075256	Engineering evaluation and investigation services of Schneider-Componon, 150mm f/5.6 and Rodenstock-Omegaron, 150mm f/4.5 enlarging lenses Final technical report	1967
19670075257	Thermionic converter life and repeatability investigation Final report, 1 Jan. 1965 - 31 Dec. 1966	1967
19670075258	A high power microwave diode phase shifter Quarterly progress report, 16 Dec. 1966 - 15 Mar. 1967	1967
19670075259	Plasma arc welding process development program Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670075260	Faulting in compacted Ag-9at/oSn alloy powders	1967
19670075261	TALAR /Tactical Landing Approach Radar/ system evaluation	1967
19670075262	Applied research in thin-film field-emission tubes Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670075263	Analysis and synthesis of advanced self-organizing control systems Technical report, 1 Feb. 1966 - 28 Feb. 1967	1967
19670075264	High-altitude daytime sky background radiation measurement program Final report, Mar. 1963 - Mar. 1967	1967
19670075265	Advanced chemical milling processes Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670075266	Development of injection electroluminescent materials Final report	1967
19670075267	Retrieval And Display Intelligence Chips /RADIC I/ Final report	1967
19670075268	Metallurgical analysis of the failure of an aileron actuator valve assembly, P/N 16560-2, lot C100	1967
19670075269	Detection of water in jet fuel and residual fuel Item 2 - Prototype instrumentation Progress report, Feb. 21 - Apr. 21, 1967	1967
19670075270	Weather buoy rocket feasibility study Final report, 15 Jun. 1965 - 15 Feb. 1967	1967
19670075271	Development of a non-destructive radiation effects prediction technique Fifth quarterly progress letter, Jan. 15 - Apr. 15, 1967	1967
19670075272	Microwave transistors Quarterly report, 1 Sep. - 30 Nov. 1966	1967
19670075273	Restatement of a physical definition of the Reynolds number	1967
19670075274	Positivity and comparison results for nonlinear boundary value problems and related periodic solutions	1967
19670075275	Signal processing studies and analysis. A study of electromagnetic inverse scattering Interim report, 16 Jul. - 27 Sep. 1966	1967
19670075276	Normal shock reflection via the particle-in-cell method	1967
19670075277	Effects of high pressure on deformation characteristics Interim progress report, 7 Sep. 1966 - 6 Mar. 1967	1967
19670075278	Summary report on the SS-267 disturbance warning subsystem	1967
19670075279	Qualitative Development Requirements Information /QDRI/. Development of microfilm program in support of AMC QDRI DATA files	1967
19670075280	Effects of prestraining under hydrostatic pressure on the mechanical behavior of polycrystalline beryllium Final report, 1 Jun. 1966 - 31 Jan. 1967	1967
19670075281	Demonstration of sulphur as a load bearing material Final report, 1 Aug. 1966 - 24 Dec. 1966	1967
19670075282	Problems and results of the physics of thin films	1967
19670075283	The variation of thermoelectric phenomena in metal single crystals with crystallographic orientation	1967
19670075284	Halogen passivation studies Technical report, 1 Feb. - 30 Apr. 1967	1967
19670075285	Evaluation of low cost materials and manufacturing processes for large solid rocket nozzles - Analysis of performance, nozzle no. 5	1967
19670075286	Evaluation of extruded products Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670075287	Investigation and compilation of the thermodynamic properties of high temperature chemical species Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670075288	Thermoelastic analysis of anisotropic nonhomogeneous solid and hollow cones	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075289	Stress corrosion cracking mechanisms in martensitic high strength steels Technical report, 1 Apr. 1966 - 1 Mar. 1967	1967
19670075290	A feasibility study for the development of a fatigue damage indicator Final report, Jun. 1965 - Jun. 1966	1967
19670075291	Microminiature crystal unit type CR-/XM-47/ U production engineering measure Quarterly progress report, 27 Aug. - 27 Nov. 1966	1967
19670075292	Review of recent developments. Fiber- reinforced metals	1967
19670075293	European telecommunications satellites - Summary	1967
19670075294	Contribution to the morphology of moldavites	1967
19670075295	Development of an integrated and mechanized high energy forming machine Interim engineering progress report, 1 Jan. - 30 Apr. 1967	1967
19670075296	Development of PPM-focused low-noise traveling-wave tubes for Ku-, K-, and Ka-band Interim development report 14, 1 Oct. - 31 Dec. 1966	1967
19670075297	Lead oxide	1967
19670075298	A new technique for mechanical strength testing of rapidly charred ablation materials	1967
19670075299	Development of PPM-focused low-noise traveling-wave tubes for Ku-, K-, and Ka-band Interim development report 13, 1 Jul. - 30 Sep. 1966	1967
19670075300	Exercise tolerance at high and low altitudes. Part I - Decrease in cardiac output during exercise in sea level residents following ascent to 3100 meters altitude Annual progress report, 1 Feb. 1966 - 30 Apr. 1967	1967
19670075301	Meteorological data report 06502 Lance missile no. TP-25, round no. 42 RST /31 March 1967/	1967
19670075302	BLM-143 KU beacon magnetron production engineering measure Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670075303	High temperature extrusion lubricants Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670075304	Research on the problems of metal fatigue and structural reliability Status report, Mar. 1963 - Mar. 1967	1967
19670075305	Development of PPM-focused low-noise traveling-wave tubes for Ku-, K-, and Ka-band Interim development report 12, 1 Apr. - 30 Jun. 1966	1967
19670075306	Multi-tube boiler and condenser capsule design study report Technical report, May - Dec. 1966	1967
19670075307	Leukocyte count as criterion of toxicity in combined use of ionizing radiation and cytostatic substances	1967
19670075308	A hard to define hematologic syndrome - Lymphoid myelofibrosis. Nosologic study of six cases	1967
19670075309	The role of the hypothalamus	1967
19670075311	Reliability studies for advanced integrated circuits Final report, 17 Jan. - 17 Oct. 1966	1967
19670075313	Scattering of electrons by mercury atoms in the energy region 200 to 4000 eV	1967
19670075317	Experience with the five-electrode lens	1967
19670075318	Optimization of engine design for a given flight program	1967
19670075319	High-power rocket engines with fluorine propellants - Current status of technology, possible applications	1967
19670075321	Silver-zinc missile power supply Quarterly technical progress report, 1 Jan. - 30 Mar. 1967	1967
19670075322	Investigation of synchronous-wave R-F to d-c conversion First triannual report, 1 Jun. - 30 Sep. 1966	1967
19670075323	High-power hybrid multiple-beam klystron for phased arrays Quarterly progress report, 15 Sep. - 15 Dec. 1966	1967
19670075324	Data reduction using information theoretic techniques Final report, Jan. - Dec. 1966	1967
19670075325	Re-entry physics research Final technical summary report, 25 Mar. 1965 - 14 Feb. 1967	1967
19670075326	Fabrication, analysis, and static load test results of a segmented structural rear frame for a 98-inch diameter lift/cruise fan Final report, Mar. 1964 - Feb. 1967	1967
19670075327	Infrared laser detector technology Technical report, 23 Aug. 1965 - 31 Jan. 1967	1967
19670075328	Ammonia electrochemical systems Semiannual report	1967
19670075329	Development of an improved manufacturing process for the hot extrusion of alloy steel structural shapes Final technical report, 1 Mar. 1965 - 28 Feb. 1967	1967
19670075330	Charge transfer processes in electron-donor- acceptor complexes in solids at low temperature	1967
19670075331	Modern electric detonators	1967
19670075332	Development of 50 deg K uncooled parametric amplifier Interim report, 24 Jun. 1966 - 1 Jan. 1967	1967
19670075333	Research and development on the effect and control of chatter vibrations in machine tool processes Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670075334	A theoretical treatment of standing spin wave resonances in ferromagnetic thin films Interim technical report	1967
19670075335	Titanium structural sections produced by roll bonding on bar mills Interim engineering progress report no. 2, 1 Feb. - 30 Apr. 1967	1967
19670075336	Matagorda deposition trials Field report, 6 Jul. 1966 - 28 Feb. 1967	1967
19670075337	Development of nondestructive testing methods for the evaluation of thin and ultrathin sheet materials Final report, 16 Jun. 1965 - 15 Jun. 1966	1967
19670075338	Admittance to waveguide terminated in ground plane contiguous to an overdense plasma half-space, June - September 1966	1967
19670075339	Program 631A volume IX - Technical report experiment D-12 astronaut maneuvering unit Final report	1967
19670075340	Production engineering measure for manufacture of meteorological balloons type ML-566/ /AM Quarterly progress report, 23 Sep. - 31 Dec. 1966	1967
19670075341	An evaluation study of high speed liquid centrifuges Final report, 30 Jun. 1965 - 28 Feb. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075342	A study of the effect of superimposed stress concentrations and fracture of inhomogeneous brittle solids Final report, Apr. 1, 1965 - May 31, 1966	1967
19670075343	Failure mechanisms in sealed batteries Semiannual technical summary report, Jun. 30 - Dec. 31, 1966	1967
19670075345	Resolution of ambiguities in dispersive Doppler by modulation techniques	1967
19670075347	Techniques for integrating solid-state circuitry into antennas Interim technical report	1967
19670075348	Advanced propulsion test facility research Interim summary report, 15 Jan. 1966 - 15 Jan. 1967	1967
19670075349	Laser /optical maser/ beam fusion welding Interim engineering progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670075350	Aerospace bearing - Analytical investigation	1967
19670075351	Exploratory development to improve standard cutting tool material by infusion with metallic carbides, ceramic or diamond Interim progress report, Dec. 1966 - Feb. 1967	1967
19670075352	Airborne phased array techniques Interim technical report, 1 Feb. - 30 Apr. 1967	1967
19670075353	Selected studies of VHF/UHF communications for planetary /Mars/Venus/ relay links Final report, 29 Jun. - 30 Dec. 1966	1967
19670075354	Some basic problems in the field of aerodynamics of turbomachinery	1967
19670075355	Application of higher-order Runge-Kutta integration technique developed by Erwin Fehlberg to low-thrust trajectories	1967
19670075356	Lunar exploration systems concept studies	1967
19670075360	New method for applying the approximation of molecular orbitals to several adjacent units	1967
19670075364	Formation of alkali iron sulfates and other compounds causing corrosion in boilers and gas turbines Ninth informal monthly letter report, Mar. 1967	1967
19670075366	Development of manufacturing methods for integrated circuits using MOS transistors Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670075368	Long-wavelength IR mosaic terminal guidance technique, phase III Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075369	Wideband time division switching techniques study Final report, 1 Feb. - 30 Oct. 1964	1967
19670075370	Thermal propagation in carbons and graphites at very high temperatures	1967
19670075371	The effects of weather on the signal received by a VELA-SIERRA detector Final technical report, 1 Nov. 1965 - 1 Jan. 1967	1967
19670075373	Microphone system for the measurement of boundary layer pressure fluctuations Final report, May 1965 - Jul. 1966	1967
19670075374	Mechanical-property data 62Be-38A1 alloy	1967
19670075375	Large solid propellant rocket motor materials program, 1960-1966 Summary report	1967
19670075378	Project Dioscures - A system of control and aerial navigation for satellites	1967
19670075379	The Martin/Black and Decker space tool system evaluation Final report	1967
19670075380	Semiconductor laser array techniques Quarterly report	1967
19670075381	Reciprocal ferrimagnetic digital phase shifters Semiannual report, 22 Mar. - 30 Sep. 1966	1967
19670075382	Laboratory and engineering field tests of electronic-welded membrane surfacing /T15/ for helicopter landing pads Final report, 6 Sep. 1963 - 2 Jun. 1964	1967
19670075383	High-information-density storage surfaces Quarterly report, 1 Jul. - 30 Sep. 1966	1967
19670075384	A study of solid state devices and phenomena. The Gunn effect - New applications and materials Interim technical report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075385	Study of high-density hypervelocity flows and similitudes Technical report, May 1965 - May 1966	1967
19670075386	Wind tunnel investigation of drag reduction on a tapered 75-deg swept wing model by application of boundary-layer control	1967
19670075387	Tests of lightweight waterproofing membranes for use beneath AM1 landing mat Final report, Mar. - Apr. 1966	1967
19670075388	Performance testing of an LN2-FED space radiator Technical report, 1-9 Feb. 1967	1967
19670075389	Research on vaporizing and endothermic fuels for advanced engine application. Part IV - Preliminary study of the supersonic combustion of endothermic hydrocarbon fuels Final report, Mar. - Sep. 1966	1967
19670075390	Study of stress-corrosion cracking of aluminum alloys Final report, 6 Apr. 1966 - 5 Apr. 1967	1967
19670075392	Study and investigation leading to the design of broadband high-power klystron amplifiers First triannual report, 10 Aug. - 9 Dec. 1966	1967
19670075393	Flow studies and turbulence measurements in the Hesse 6-inch supersonic wind tunnel	1967
19670075394	Aerobee NASA 4.186 UG S/N NAS 196-3 /7 April 1967/ Meteorological data report	1967
19670075395	Equipment parameters required for Army tactical airspace regulation system Final report, 1 Apr. 1966 - 30 Jan. 1967	1967
19670075396	Investigation of quantitative factors of carbon dioxide reduction catalysts Technical report, Feb. 1966 - Feb. 1967	1967
19670075397	Investigation of wide band feeds for parabolic reflectors Technical report, Jan. 1963 - Jun. 1965	1967
19670075400	Advanced electron optics Interim technical report, 1 Nov. 1966 - 28 Feb. 1967	1967
19670075401	Investigation of maintenance-free high rate, nickel-cadmium batteries for aircraft application Quarterly technical progress report, Dec. 1966 - Mar. 1967	1967
19670075402	Phenomena associated with impulsive loading - Welding, rippling, hardening	1967
19670075403	Diagnostic programming for digital computers - A bibliography	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075407	Manufacturing methods for epitaxially growing gallium arsenide-gallium phosphide single crystal alloys Interim engineering progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075408	Development of lightweight broadband radomes from slip-cast fused silica Final report, 1 Mar. - 30 Nov. 1966	1967
19670075409	Production Engineering Measure /PEM/ for transistor, pnp, silicon, switching type EL-2N /X-12/ Quarterly report, 26 Sep. - 25 Dec. 1966	1967
19670075410	Design and manufacture of 2X and 4X precision enlarger lens systems Final technical report, Jan. 1962 - Nov. 1966	1967
19670075411	Feasibility studies of new energy absorption devices for artillery weapons	1967
19670075412	Electro-chemical synergistic continuous infrared source Final report, Apr. - Jun. 1966	1967
19670075413	Electromagnetic coupling reduction techniques Quarterly report, 15 Nov. 1966 - 14 Feb. 1967	1967
19670075414	Manufacturing methods for producing L-605 hardware Interim progress report, Jan. 1 - Mar. 31, 1967	1967
19670075415	Optical effects of near-ground turbulence at the Van Norman Lake solar observatory site	1967
19670075416	Phase stabilization of NSS VLF transmissions Quarterly progress report, 3 Mar. - 2 Jun. 1966	1967
19670075417	Excitation of cyclotron-harmonic noise in a beam-generated plasma Final technical report, 1 Oct. - 31 Dec. 1965	1967
19670075418	Ablative plastic characterization in solid propellant exhaust Technical report, 1 Jul. 1965 - 31 Jan. 1967	1967
19670075421	Research and development of a brushless dc starter generator Quarterly report, 1 Jan. - 1 Apr. 1967	1967
19670075422	Research in high temperature plasma Semiannual technical report, 1 Jul. - 31 Dec. 1966	1967
19670075423	Digital and analog auto-gain systems	1967
19670075424	Interaction of conduction and induced currents in Nb3Zr wires subjected to axial fields	1967
19670075426	Nonlinear spin wave effects in ferrites in the parallel pumping experiment	1967
19670075427	Optimization and evaluation of aluminum sealing Final report, 1 Jun. 1965 - 15 Dec. 1966	1967
19670075428	Latitude drift of sunspots	1967
19670075429	Synthetic fergusonites and a new polymorph of YTaO4, September 1965 - December 1966	1967
19670075430	A model proton environment above 4 MeV, February - June 1965	1967
19670075434	Experimental investigation of direct radiation from electron bunches traveling in circular orbits in a strong magnetic field Final report	1967
19670075435	ASFIR third site modifications Final report, Jul. 1965 - Aug. 1966	1967
19670075436	The flow field near the centre of a slender rolled-up conical vortex sheet	1967
19670075438	Drag and performance characteristics of flexible aerodynamic decelerators in the wake of basic and modified Arapaho "C" test vehicle configurations at Mach numbers from 2 to 5 Technical report, 21 Jun. - 5 Jul. 1966	1967
19670075439	Control and analysis of primate behavior by brain telestimulation and telemetry Annual progress report, 1 Aug. 1966 - 28 Feb. 1967	1967
19670075441	Qualification tests of the Apollo Block II SERVICE module engine /AJ10-137/	1967
19670075442	Honest John missile no. 2431, round no. 545 APL and missile no. 2443, round no. 546 APL /17 February 1967/ Meteorological data report	1967
19670075443	Machining of new materials Interim engineering progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075445	Portable moving electron beam welding system Interim engineering progress report no. 3, 1 Jan. - 31 Mar. 1967	1967
19670075446	Integrated circuits for portable radar equipment Quarterly report, 1 Sep. - 30 Nov. 1966	1967
19670075447	Zero five eight zero two Lance missile no. TP-12, round no. 40 RBT /10 March 1967/ Meteorological data report	1967
19670075448	Blood flow studies in man in shock Final technical report, Jan. - Dec. 1966	1967
19670075449	Open-sea testing of aviators' coveralls	1967
19670075452	Fluorescent light intensity through a zenith- centered radial thin cloud due to deep-space nuclear bursts Interim technical report	1967
19670075453	The effects of broken clouds and infinite overcasts on the signature of X-ray induced fluorescent light from a nuclear burst in space	1967
19670075456	Interagency chemical rocket propulsion group. Design automation working group meeting 18th bulletin	1967
19670075458	Aerial camera system, LWL 1564 polaroid camera /ACA-38/67I/ Summary of evaluation reports, 1-28 Jan. 1967	1967
19670075460	Diffusion of light and X-rays by a homogeneous transparent unit affected by thermal motion	1967
19670075461	Fluidic yaw damper system Final report, 1 Mar. 1965 - 1 Sep. 1966	1967
19670075462	Large-scale integrated circuit arrays Interim technical report, 1 Jan. - 31 Mar. 1967	1967
19670075466	Cesium and thallium beam tube research Semiannual report, 9 May - 8 Nov. 1966	1967
19670075467	Microscopic and microchemical study of aged solid propellant grains Technical report, 1 Feb. - 31 Apr. 1967	1967
19670075469	Experimental evaluation of a 50 kVA LABORATORY model superconducting generator Quarterly report, Oct. 24, 1966 - Jan. 31, 1967	1967
19670075470	UHF single frequency repeater Final report	1967
19670075471	Investigation of a 30,000 rpm turbine- driven hydraulic pump Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670075472	Miscellaneous notes on crystallography, January - December 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075473	High power density study Final technical report, Jun. - Dec. 1966	1967
19670075474	Temperature fluctuations in fractional solidification of organics	1967
19670075475	Pin-free beam apparatus	1967
19670075476	The determination of the energy flux of extraterrestrial solar radiation	1967
19670075477	EN-77 unit record printer Final report, Jun. 1964 - 1966	1967
19670075479	Permanent turbidity standards	1967
19670075480	Third Combustion Conference, Volume I	1967
19670075481	Development and testing of fuel-rich solid propellants for air augmentation	1967
19670075482	An experimental investigation of some of the acoustic attenuation sources in the TE-M-388 rocket motor	1967
19670075483	Effects of acceleration environments on motor performance	1967
19670075484	Combustion problems in single chamber controllable solid rocket development	1967
19670075485	Kinetics and mechanism of the decomposition of ammonium perchlorate	1967
19670075486	Decomposition of NH ₄ CLO ₄	1967
19670075487	Mass spectrometer pyrolysis of ammonium perchlorate at low pressure	1967
19670075488	Vaporization and decomposition of perchlorate salts	1967
19670075489	Decomposition of ammonium perchlorate below the phase transition temperature	1967
19670075490	Crystallographic changes in ammonium perchlorate related to different rates of heating	1967
19670075491	Thermal effects of propellant component reactions	1967
19670075492	Mass spectrometric studies of the decomposition of propellant ingredients	1967
19670075493	Application of differential scanning calorimetry to the study of solid propellant decomposition	1967
19670075494	Branched-chain reactions in the decomposition of hydrazine-based oxidizers	1967
19670075495	Current controversies on flame structure and mechanism of burning of solid propellants	1967
19670075496	Study of the kinetics and energetics of propellant decomposition reactions and application to steady-state combustion mechanism	1967
19670075497	Further studies of ammonium perchlorate composite propellant deflagration by means of burner analog techniques	1967
19670075498	The effect of acceleration on the burning rate of nonmetallized composite propellants	1967
19670075499	An aerothermochemical analysis of solid propellant combustion	1967
19670075500	On the surface temperature of deflagrating ammonium perchlorate crystals	1967
19670075501	Macro-combustion studies of ammonium perchlorate-hydrocarbon binder	1967
19670075502	Flame structure in solid propellants from temperature profile measurements	1967
19670075503	The effects of pressure and formulation on the emission spectra of solid propellants	1967
19670075504	An Experimental Study of the Drag Coefficient of Burning Aluminum Droplets	1967
19670075505	Combustion efficiency of light metals in solid propellants by micro-evaluation techniques	1967
19670075506	Pyrolysis and combustion of metal hydrides	1967
19670075507	An improved criterion for specifying thermal ignition thresholds of solid rocket propellants	1967
19670075508	Boundary layer effects on solid propellant ignition under convective heating	1967
19670075509	Design of igniters for air-launched missile solid propulsion systems	1967
19670075510	Prediction of ignition transients using the analog computer	1967
19670075511	Composite solid propellant ignition mechanisms	1967
19670075512	An extension of the thermal theory of solid propellant ignition	1967
19670075513	New results on the low-pressure deflagration and reignition of solid CMDB propellants	1967
19670075514	Extinction characteristics of carboxyl terminated polybutadiene propellant	1967
19670075515	Low-Pressure L' Instability and Extinction	1967
19670075516	Extinguishment characteristics of composite propellants	1967
19670075517	Correlation of solid propellant extinguishment data	1967
19670075518	Combustion instability studies of extinguishable propellants	1967
19670075519	Theoretical model of solid propellant response in combustion instability and extinction	1967
19670075520	Extinction by rapid depressurization - A means to other ends	1967
19670075521	The influence of exothermic surface reactions on pressure coupled combustion instability of composite solid propellants	1967
19670075522	Experimental techniques in low frequency solid propellant acoustic instability	1967
19670075523	Pressure and velocity-coupled acoustic instability of double-base propellants	1967
19670075524	Velocity sensitivity in transverse mode solid propellant combustion instability	1967
19670075525	Sound propagation in a gas-particle mixture and combustion instability	1967
19670075526	The effects of aluminum on solid propellant combustion instability	1967
19670075527	Tentative prediction criteria for acoustic combustion instability in solid propellant rocket motors	1967
19670075528	Investigation of unstable combustion in solid propellant rockets	1967
19670075529	Nonacoustic Combustor Instability	1967
19670075530	An interpretation of L' combustion instability in terms of acoustic combustion instability theory	1967
19670075531	Combustion instability in a solid propellant with a heterogeneous surface reaction	1967
19670075532	Calculation of the admittance function for a burning surface	1967
19670075533	Velocity coupled axial mode combustion instability in solid propellant rocket motors	1967
19670075534	Propellant composition as a factor in extinguishability and instability	1967
19670075535	Influence of material behavior and structural parameters on acoustic stability	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075536	Longitudinal combustion instability - Behavior of propellants with high solids content	1967
19670075537	Investigation and suppression of rocket feed system oscillations	1967
19670075538	Evaluation of techniques for attaining stable combustion in an annular TCA	1967
19670075539	A report on the F-1 combustion stability development	1967
19670075540	Measurement of the High-Frequency Pressure Phenomena Associated with Oscillatory Combustion in Rocket Engines	1967
19670075541	Diagnosis of high frequency combustion stability characteristics from pressure measurements	1967
19670075542	Spectroscopic instrumentation and techniques for combustion diagnostics	1967
19670075543	Frequency Response Characteristics of a Gaseous Hydrogen Flow System and Its Contribution to Unstable Combustion	1967
19670075544	Application of Response Factors to the Stability Characterization of a 20 K Hydrogen-Oxygen Combustor	1967
19670075545	Longitudinal shock wave combustion instability in liquid propellant rocket engines	1967
19670075546	Extension of the Priem-Guentert annular combustion instability model to a bipropellant system	1967
19670075547	Parametric study of a rocket motor instability using a gas rocket model	1967
19670075548	Oscillatory flame front flowrate amplification through propellant injection ballistics /the klystron effect/	1967
19670075549	Nozzle attenuation of resonant model-rocket motors	1967
19670075550	A theoretical study of nonlinear combustion instability in liquid propellant rocket engines	1967
19670075551	On the predictability of ignition of hypergolic propellants in rocket engines at high altitudes	1967
19670075552	The hydrazine/N ₂ O ₄ flame structure	1967
19670075553	The combustion characteristics of condensed phase aerazine-50/nitrogen tetroxide	1967
19670075554	Liquid phase kinetics for the hypergolic nitrogen tetroxide hydrazine system	1967
19670075555	The hydrazine-nitrogen tetroxide reaction, a comparison of experimental observations	1967
19670075556	An investigation of manifold explosions in rocket engine	1967
19670075557	Two-phase detonations	1967
19670075558	Recent Experimental Results from a Study of Resonant Combustion	1967
19670075559	Axial energy distribution studies in a liquid propellant rocket motor	1967
19670075560	Investigation of liquid propellants in high- pressure and high temperature environments	1967
19670075561	The effect of propellant distribution on unstable combustion	1967
19670075562	Injector Response to Strong, High-Frequency Pressure Oscillations	1967
19670075563	The application of absorbing liners for the suppression of rocket combustion instability	1967
19670075564	Experimental Investigation of Acoustic Liners to Suppress Screech in Hydrogen-Oxygen Engines	1967
19670075565	Acoustic liner studies	1967
19670075566	The Effect of Several Injector Face Baffle Configurations on Screech in a 20,000-Pound Thrust Hydrogen-Oxygen Rocket	1967
19670075567	An experimental investigation of LO ₂ /LH ₂ COMBUSTION stability characteristics at high chamber pressure	1967
19670075568	Study of liquid rocket combustion stability rating techniques	1967
19670075569	Investigation and optimization of high strength alloys for cryogenic stretch- forming Final report, 1 Jan. 1965 - 15 Apr. 1967	1967
19670075571	A study of the geometry of elasto-hydrodynamic films in point contact Progress report, Jan. 2 - Apr. 3, 1967	1967
19670075573	FM receiver sensitivity improvement studies Quarterly report, 15 Nov. 1966 - 14 Feb. 1967	1967
19670075574	The theory of Langmuir probe characteristics for a collision dominated partially ionized gas Final report, 15 Nov. 1966	1967
19670075575	Electrode passivation studies Final report, 1 Dec. 1965 - 30 Nov. 1966	1967
19670075576	Development of a manufacturing process for producing high-quality electrical strip from ultrahigh-purity aluminum for magnet applications, phase I Interim engineering progress report no. 2, 1 Jul. 1966 - 30 Jan. 1967	1967
19670075578	Production engineering measure for polycarbonate capacitor grade plastic film Final report, 18 Jun. 1965 - 31 Mar. 1967	1967
19670075579	The influence of electrostatic effects on the dispersion of organic powders Semiannual report, Jun. - Dec. 1966	1967
19670075580	Integrated microwave receiver techniques study Quarterly report, 12 Nov. 1966 - 11 Feb. 1967	1967
19670075581	Miniaturization techniques for printing - Miniprint Progress report, 15 Sep. - 15 Dec. 1966	1967
19670075582	Preparation of single crystal Mg ₂ Sn _{0.7} Pb _{0.3} Interim technical report, 18 Dec. 1966 - 18 Mar. 1967	1967
19670075583	Evaluation of the Royco model 320 liquidborne particle monitor for the determination of particle contamination levels in MS2190TEP oil	1967
19670075584	Charge-controlled storage display panels Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670075585	An improved point-source compact antenna range Quarterly report, May - Dec. 1966	1967
19670075586	Quality assurance test of a Castor II /TX354-3/ rocket motor at pressure altitude conditions	1967
19670075587	Error rate analysis of M-ary transmitted- reference systems using the Sunde troposcatter model Final report, Jul. 1966 - Feb. 1967	1967
19670075588	Research on optical instrumentation suitable for incorporation in an orbiting astronomical observatory Interim progress report, 1 Mar. - 31 May 1967	1967
19670075590	Frequency-time modulation for digital troposcatter transmission Final report, 31 May 1966 - 31 Mar. 1967	1967
19670075591	Instantaneous frequency indication techniques Quarterly report, 1 May - 31 Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075592	Construction and optimized use of pyroelectric detection devices Interim report	1967
19670075594	Coherent optical adaptive techniques Final report, 1 Jul. 1965 - 31 Dec. 1966	1967
19670075595	Study of heat transfer characteristics of hot-gas igniters Quarterly progress report for period ending 15 Mar. 1967	1967
19670075596	High performance fuel cell Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670075597	Emergency fabrication of Walleye roll gyros	1967
19670075598	Microwave device techniques for aerospace surveillance Quarterly report, 1 Aug. - 31 Oct. 1966	1967
19670075599	Antenna measurement system for radar calibration Final report, Jun. 1965 - Aug. 1966	1967
19670075600	Microbial ecology in a hydrocarbon fuel- water-metal environment Final report, 17 Nov. 1963 - 31 Jan. 1967	1967
19670075601	Integrated Switching And Multiplexing /ISAM/ filter study Final report, 20 Jan. 1966 - 20 Jan. 1967	1967
19670075602	Improved ceramic substrate for thin film microassemblies Quarterly progress report, 28 Sep. - 27 Dec. 1966	1967
19670075605	Environmental resistance of a motor stator encapsulated for submerged operation	1967
19670075606	The effect of hinged or flexible blades on propeller whirl flutter	1967
19670075608	Quartz crystal unit type CR-67/U and CR-/XM-67//U production engineering measure Quarterly progress report, 25 Aug. - 25 Nov. 1966	1967
19670075610	Pulse power fuel cell Final report, 15 Feb. 1966 - 15 Feb. 1967	1967
19670075611	High voltage breakdown study Quarterly progress report, 16 Nov. 1966 - 15 Feb. 1967	1967
19670075612	Low drain microwave modular devices Semiannual report, 1 Jun. - 31 Dec. 1966	1967
19670075613	Athena D-037, flight no. 065 /23 February 1967/ Meteorological data report	1967
19670075614	Cyclotron resonance pumping of gas lasers Second triannual report, 1 Oct. 1966 - 31 Jan. 1967	1967
19670075615	Measurements of buffeting on slender wing models	1967
19670075616	Wide bandwidth baseline radar study Final report, 21 Mar. 1966 - 7 Jan. 1967	1967
19670075617	Development of an improved manufacturing process for the production of higher purity superalloy powders, phase I Engineering report, 1 Apr. 1966 - 1 Feb. 1967	1967
19670075618	Spectral and temporal characteristics of lightning as measured with a wide-angle detector, volume I	1967
19670075619	Shipboard arresting-gear fleet. Mark 7 arresting-system improvement support /epoxy-poured terminals/	1967
19670075620	Experimental test plan CDRL item 54. Mark 17 VHF multiplexer	1967
19670075621	Arresting hook impact testing of airfield runway centerline lights	1967
19670075622	CIRCUS - A digital computer program for transient analysis of electronic circuits program manual Final report	1967
19670075623	Protection of security classified information in remote access EDP - An annotated bibliography Literature search	1967
19670075624	Development of equipment for automatic narrow-gap welding for shipyard use Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075625	Aerodynamic characteristics of proposed SNAP-29 fuel block configurations at Mach number 8	1967
19670075626	Flow through micro-openings Quarterly progress report, 1 Oct. - 30 Dec. 1966	1967
19670075628	Experimental program to determine the thermodynamic properties of solutions of liquefied light gases Quarterly progress report, 15 Jan. - 15 Apr. 1967	1967
19670075629	Identification of exhaust species from the combustion of LM and LMH fuels Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075632	Mass spectrometric analysis of carbon species generated by laser evaporation	1967
19670075633	Soil stabilization for construction of low-strength austere landing strips Technical report, Jun. - Sep. 1966	1967
19670075636	Guidelines for electrical grounding - An annotated bibliography Literature search	1967
19670075637	Blue Goose six-degree-of-freedom digital computer trajectory calculation Technical report, 30 Mar. - 1 Dec. 1966	1967
19670075639	Principal error axes and optimization of accelerometer mounting angles in inertial guidance systems	1967
19670075640	Ray path characteristics in a sound channel	1967
19670075641	Effects of hydrogen treatment on the ductility of molybdenum under 760 and 10-10 Torr, March 1965 through June 1966	1967
19670075642	Speaker authentication techniques Semiannual report, 1 Jul. 1966 - 31 Dec. 1967	1967
19670075643	Aerobee NASA 4.204 GG /31 March 1967/ Meteorological data report	1967
19670075644	Investigation of condensing heat transfer and two-phase flow phenomena under the influence of electric fields Final report	1967
19670075645	The drag of cylinders all or partially immersed in a turbulent, supersonic boundary layer	1967
19670075682	Supersonic Investigation of the Static Stability, Performance, and Control of a Variable-Sweep Tactical Fighter Model, Phase 9	1967
19670075683	Longitudinal aerodynamic characteristics of a model of a large subsonic jet transport at Mach numbers from 0.50 to 0.85 /U/	1967
19670075685	Static-stability and control characteristics and control surface hinge moments of a 0.03- scale model of the XB-70 airplane at supersonic speeds /U/	1967
19670075714	Multiple point ignition in Harp guns	1967
19670075715	A mass point computer program for the gas dynamic problems of high velocity gun interior ballistics	1967
19670075722	Active sites on binder and propellant surfaces	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075731	An approach to solid nozzle material evaluation	1967
19670075732	Technical status of third 260-inch solid rocket motor	1967
19670075733	Future prospects for large solid motors	1967
19670075737	Caseless ammunition for small arms	1967
19670075738	The combustible cartridge case	1967
19670075744	Evaluation of High-Thrust Advanced Booster Propulsion Systems /U/ Final Report	1967
19670075745	Evaluation of high-thrust advanced booster propulsion systems /U/ Final report	1967
19670075746	Nickel and cobalt-base alloys	1967
19670075757	Negative conductance in bulk gallium arsenide at high frequencies Interim report	1967
19670075758	Abstracts of AF Materials Laboratory reports Technical report, Jul. 1965 - Jun. 1966	1967
19670075760	Fourth annual Solid State Physics Conference	1967
19670075761	Development of PPM-focused low-noise traveling-wave tubes for Ku-, K-, and Ka- band Interim development report, i Jan. - 31 Mar. 1966	1967
19670075762	Simplified methods for assessing dynamic effects of sonic booms on structural elements	1967
19670075763	Steels amenable to ausforming and nitriding	1967
19670075764	Reliability prediction - Mechanical stress/strength interference Final report	1967
19670075765	Aerobee NASA 4.194/NRL NB 3.191 Meteorological data report	1967
19670075767	Absorption coefficients of gases in the range from 100 angstroms to 500 angstroms Final technical report, Jan. - Dec. 1966	1967
19670075768	Rubidium maser improvement Semiannual report, 1 Jun. - 31 Dec. 1966	1967
19670075770	Some experimental aluminum bearing alloy steels	1967
19670075772	Investigation of new concepts and linear beam techniques for microwave generation Quarterly report, 1 Jul. - 30 Sep. 1966	1967
19670075773	Stabilized optical sighting system, volume I	1967
19670075776	Wind tunnel study of the effect of MOL PROTUBERANCES on static-stability and pressure distribution characteristics for small-scale models of the Titan III/MOL launch vehicle	1967
19670075777	Mechanical-property data beryllium	1967
19670075778	Rain erosion sled testing of slip-cast fused silica radomes Final report, 28 Feb. - 20 Dec. 1966	1967
19670075779	Millimeter radome design techniques Interim technical report, 1 Feb. - 30 Apr. 1967	1967
19670075780	Qualification tests of a missile testing regulated power supply submitted by Chatham Electronics Final report	1967
19670075784	Sighting range at night and twilight brightness	1967
19670075785	Magnetodynamics of superconductors Interim progress report, 1 Aug. 1966 - 31 Jan. 1967	1967
19670075786	Attitude control rocket exhaust plume experiment Special report, 28 Feb. - 28 Apr. 1967	1967
19670075789	Boeing T50-B0-12 engine all-weather suitability test Final report	1967
19670075790	Processing, evaluation and standardization of titanium alloy castings Interim engineering progress report, 15 Dec. 1966 - 15 Mar. 1967	1967
19670075791	Investigation of structural design concepts for fibrous aircraft structures. Volume II - Technology appraisal-empirical/ theoretical methodology Technical report, 3 May 1965 - 4 Feb. 1966	1967
19670075792	Low profile antenna	1967
19670075794	Concerning solutions of a set of non- homogeneous dual integral equations	1967
19670075795	The relation of backscattered radiation to wind-stress at the sea surface Final report	1967
19670075796	Air Proving Ground Center dynamic reflectivity measurements	1967
19670075797	Little John /MRRS/ missile no. 1058, round no. LJ 3 HP /17 April 1967/ Meteorological data report	1967
19670075798	An accurate two-channel, remote settable timer Technical report, 8 Apr. 1964 - 20 Jul. 1966	1967
19670075799	Half millimeter "backward wave oscillator" Technical progress report, 1 Oct. - 31 Dec. 1966	1967
19670075800	Confirmation of launch criteria for OGO-D /POGO/ flight /Agena vehicle 6802/	1967
19670075804	Extension theorem and representations	1967
19670075805	The STC meteor-burst system	1967
19670075807	Radar scattering from satellite wakes theoretical predictions and experimental design Final report	1967
19670075809	The reaction of nitric oxide with perfluorodimethyl peroxide Research report, Sep. 1966 - Jan. 1967	1967
19670075811	Liquid metal magnetohydrodynamics Quarterly technical progress report, 12 Jan. - 11 Apr. 1967	1967
19670075812	Page technique for waveform synthesis Final report, Sep. 1965 - Nov. 1966	1967
19670075813	Development of a tubing and bar process for a dispersion strengthened Ni-Cr-THO2 ALLOY Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670075815	Investigation of the search characteristics of radar set AN/SPN-10 and radar set AN/SPN-42 INTERIM report	1967
19670075817	High pressure extrusion development Third interim technical engineering report, 1 Jan. - 31 Mar. 1967	1967
19670075819	Response of materials to suddenly applied stress loads. Part I - High strain-rate properties of eleven reentry-vehicle materials at elevated temperatures Final report	1967
19670075820	Methods and devices for mechanical tests on filaments and whiskers	1967
19670075821	Acoustic properties of drag-reducing fluids, a literature search	1967
19670075822	Czochralski growth of CuCl	1967
19670075824	X-22A tri-service V/STOL aircraft Monthly progress report, 1-31 Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075826	Athena D-046 flight no. 070 /30 March 1967/, Athena C-049 flight no. 071 /30 March 1967/, and Athena E-002 flight no. 072 /31 March 1967/ Meteorological data report	1967
19670075827	Image intensifier with mosaic collector Final report, 1 Feb. 1966 - 1 Mar. 1967	1967
19670075828	Thermal battery Quarterly technical progress report, 1 Jan. - 31 Mar. 1967	1967
19670075829	Filament wound silica radome techniques	1967
19670075830	Phase stabilization of NSS VLF transmission Quarterly progress report, 3 Sep. - 2 Dec. 1965	1967
19670075831	Evaluation of low-cost materials and manufacturing processes for large solid rocket nozzles - Analysis of performance, nozzle no. 4	1967
19670075832	Potential of a hydrazine-ammonium perchlorate explosive /propellant/ foam for minefield clearance Technical report, aug. 1965 - Aug. 1966	1967
19670075833	Studies in chemical detection. VIII - Photochemical decomposition of ethyl Michler's ketone oxime Technical report, Mar. - Aug. 1965	1967
19670075835	Development on high temperature insulation materials Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075836	Weapon systems 133A and B. program progress production motors stage I Minuteman Status report, 1 Jan. - 31 Mar. 1967	1967
19670075838	Electrophoretic deposition of refractory metals coatings Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670075840	Athena B-020, flight no. 075 /13 April 1967/ Meteorological data report	1967
19670075841	A simplified method for forecasting rotary wing aircraft trends Final report	1967
19670075842	Sorption properties of activated carbon Quarterly progress report, Dec. 1966 - Mar. 1967	1967
19670075843	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors Quarterly report, 31 Dec. 1966 - 29 Mar. 1967	1967
19670075844	Photoionization and absorption coefficients of NO in the 600-950 angstrom region Research report, Jun. 1963 - Oct. 1966	1967
19670075845	Semiconductor and O-type amplifier investigations Quarterly report, 1 Sep. - 1 Dec. 1966	1967
19670075846	Development of the continuous production of metal strip and sheet by the slip casting process Interim engineering progress report no. 2, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075847	Report on density discrimination Interim technical report, 1 Oct. 1965 - 31 May 1966	1967
19670075849	Development of low temperature gas generator technology Quarterly report, 9 Jan. - 31 Mar. 1967	1967
19670075850	BUIC III status display console, OJ-6/GSA-51A	1967
19670075851	A user-oriented on-line data system Final report, 1 Dec. 1965 - 1 Dec. 1966	1967
19670075853	IBM 7090/94 Autoflow system, user's and operator's manual	1967
19670075854	Determination of optical excitation cross- sections in atomic collisions Final scientific report	1967
19670075855	The use of the Tempest II, GAM-I, FAIM, AND PERT codes for neutronics studies of nuclear propulsion reactors	1967
19670075856	Volume dependence of the equation of state for rubber elasticity - Poly /dimethyl siloxane/	1967
19670075857	Nike-Hydac STV SR-048 /28 March 1967/ Meteorological data report	1967
19670075858	Optical resonators and nonlinear optics Final report, 1 Feb. 1966 - 1 Feb. 1967	1967
19670075859	Updated master library tape for Photran Technical report, Jun. - Nov. 1966	1967
19670075861	SNAP 50/SPUR program single-tube freon boiler experiments	1967
19670075862	Microwave generation by means of interaction with anisotropic media Quarterly progress report, Sep. 15 - Dec. 15, 1966	1967
19670075864	Burnout resistant X-band hot carrier detectors Final report, Jul. 1, 1965 - Feb. 28, 1967	1967
19670075866	Glow cinespectrograph Final report	1967
19670075867	Two-photon absorption laser detection technique Interim engineering report, 15 Dec. 1966 - 15 Mar. 1967	1967
19670075868	Preliminary nuclear radiation study on a high-precision, remotely settable, electronic timer system, phase II Technical report, 5 May 1964 - 23 Mar. 1967	1967
19670075869	Far infrared spectra of halogenated phenols. The calculation of the barrier height of the hydroxy group from the observed torsional vibrations Summary technical report, Oct. 1965 - Dec. 1966	1967
19670075870	Hypersonic aircraft auxiliary power subsystem analysis. Volume III REFINEMENT of selected subsystem Final report, 1 Nov. 1966 - 31 Mar. 1967	1967
19670075872	Evaluation and summary of hypervelocity impact tests of the dustwall meteorite shield Technical report, Jan. 1964 - Jan. 1966	1967
19670075873	Carrier suitability demonstration tests of the F-111B airplane investigation of airplane tip-back tendency Final report, 19 Oct - 9 Dec. 1966	1967
19670075874	Study of re-entry observables Annual technical report, Mar. 11, 1966 - Mar. 11, 1967	1967
19670075875	Germanium photodiode radiometer Quarterly report, May 17, 1966 - Feb. 28, 1967	1967
19670075876	Study of microwave generation by means of interaction with anisotropic media Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075877	Broadband radomes for high-speed vehicles	1967
19670075878	Pressure tests on glass-fiber-reinforced plastics	1967
19670075879	A mathematical model for the calculation of visual detection range	1967
19670075880	Detection and study of high energy cosmic photons Final technical report, 1 Feb. 1965 - 31 Jan. 1967	1967
19670075881	Replacement time requirements SLV-3 follow- on parameters 69-00721, book no. 1	1967
19670075882	Report on surface studies Final report, 19 Oct. 1965 - 19 Oct. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075883	The satellite confusion problem	1967
19670075884	Wind tunnel tests on a model of the Tomahawk sounding rocket at M infinity equals 5	1967
19670075887	Thermal tests of the solar cell panels for the OV2-5 satellite	1967
19670075888	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, 20 Nov. 1966 - 20 Feb. 1967	1967
19670075889	Investigation of the use of transistor structures for producing inductance Final engineering report, 5 Oct. 1965 - 5 Jan. 1967	1967
19670075890	Exploratory development on coupling schemes for plasma amplifiers Interim technical report, 1 Oct. 1966 - 15 Jan. 1967	1967
19670075891	Studies on phosphoryl and thiophosphoryl compounds. IV - ¹⁹ F and ³¹ P nuclear magnetic resonance spectra of SPF ₃ , SPF ₂ CL, and SPF ₂ Br	1967
19670075892	Higher symmetries and "good" charges	1967
19670075893	Theory of a system containing an arbitrary number of different interacting Bose species	1967
19670075894	Environmental tests of Karman Nuclear Wire package, SN 11	1967
19670075896	Experimental studies on heavy ion exchange in air Technical report, 21 Aug. 1964 - 25 Nov. 1966	1967
19670075897	Laboratory model liquid centrifuge Final report	1967
19670075898	Techniques for evaluating operator loading in man-machine systems. Further investigations into real time operator overloading assessment Final report	1967
19670075900	Operation of TFSO Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670075902	Space environmental effects on expandable structures materials	1967
19670075903	A data processing facility for the XB-70 FLIGHT test program	1967
19670075904	Corrosion in exhaust driven turbochargers on marine diesel engines using heavy fuels. Comparative shipboard measurements during a long voyage on a large capacity water cooled turbocharger modified for air cooling	1967
19670075905	Residual fuel treatment on board ship. Part II - Comparative cylinder wear measurements on a laboratory diesel engine using filtered or centrifuged residual fuel	1967
19670075906	Investigation of gas detonation forming on aerospace materials Interim engineering progress report, 1 Nov. 1966 - 15 Apr. 1967	1967
19670075909	Engineering investigation of A-6A aircraft generator, water ingestion Final report, 8 Aug. 1966 - 10 Mar. 1967	1967
19670075910	Microwave oscillations in bulk semiconductors Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670075911	Primary controller designs for jet transports Final technical report, 15 May - 15 Oct. 1966	1967
19670075912	Development of manufacturing processes and techniques for mass memory Interim engineering progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670075915	Development of improved techniques for the extrusion of thin lockalloy shapes Interim engineering progress report, 15 Dec. 1966 - 15 Mar. 1967	1967
19670075916	Airborne antenna investigation Final report, 20 Jun. 1966 - 20 Jan. 1967	1967
19670075917	A wide range resonant inductance bridge	1967
19670075918	Dielectric isolation process development Interim report, 15 Jun. - 15 Dec. 1966	1967
19670075922	Recruit nozzle alignment analysis to minimize thrust misalignment Technical report, Jan. 1966 - Jan. 1967	1967
19670075923	Stress corrosion susceptibility of welded aluminum alloys Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670075924	Research on selected quantum electronics problems Interim engineering report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075925	L-band tetrodes Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670075926	Plastic deformation of body-centered cubic metals. Volume II - Fracture of tungsten Technical report, 15 Feb. 1963 - 30 Jun. 1966	1967
19670075927	Investigations of the X-ray emission from an electrodeless low-pressure pulse discharge	1967
19670075928	Reliability of a structural subsystem under static load conditions, how to calculate the Final report	1967
19670075929	Molecular binding and catalysis Semiannual report, Mar. - Sep. 1966	1967
19670075931	Space charge limited microwave mixers Final report, 1 Mar. 1966 - 14 Feb. 1967	1967
19670075932	Energy spectrum of inner zone protons, 1 February - 1 June 1965	1967
19670075933	Radar cross sections of inhomogeneous plasma spheres. Part II - Applications	1967
19670075935	Study of phase fluctuations over satellite-to- aircraft propagation path Interim technical report	1967
19670075936	Research on high power transducer ceramics - Stress sensitivity of piezoelectric ceramics. Part One - Sensitivity to compressive stress parallel to the polar axis	1967
19670075937	Array research analysis of K-line wave number spectra from the TFO long noise sample	1967
19670075938	A user-oriented on-line data system. Volume II - Program documentation Final report	1967
19670075939	Investigation of high power gaseous electronics Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670075940	Exercise Tense Caper 2 Interim report	1967
19670075942	Sodium as an electrical conductor - An annotated bibliography Literature search	1967
19670075943	Broadband high burnout solid state integrated X-band limiter and balanced mixer Quarterly report, 1 Jan. - 30 Apr. 1967	1967
19670075944	Combined aerodynamic static stability derivatives of a wing-body-tail configuration	1967
19670075945	Continuously variable laser-acoustic delay line Quarterly progress report, 27 Jan. - 26 Apr. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670075948	Research on improvements to small microwave tubes Quarterly report, 1 Sep. - 31 Nov. 1966	1967
19670075950	Athena B-012, flight no. 067 /16 March 1967/, Athena D-051, flight no. 068 /17 March 1967/, Athena D-040, flight no. 069 /17 March 1967/ Meteorological data report	1967
19670075951	A multiple device approach to solid state microwave power generation Interim technical report, 1 Jan. - 31 Mar. 1967	1967
19670075952	Thin film photovoltaic cell array investigation Final technical report, May 1965 - Feb. 1967	1967
19670075953	Operational test and evaluation ground controlled parachute deployment system	1967
19670075954	Improve Ka mixer diodes for use in ECM FREQUENCY converters Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670075955	Preliminary evaluation of electric detonators with Markite electrically conductive plastic bridge elements	1967
19670075956	Long range seismic measurements - Greeley	1967
19670075957	Large scale integrated circuit array Interim technical report, 15 Oct. 1966 - 15 Jan. 1967	1967
19670075958	High power modulator /SCR/ Interim technical report, 1 Apr. - 1 Oct. 1966	1967
19670075959	Communications interference reduction techniques Final technical report	1967
19670075960	Blast and shock simulation facilities in the United Kingdom, Canada and the United States	1967
19670075961	One-hundred and fifty-six inch diameter maraging steel case hydroburst and materials evaluation Final technical report, Mar. - Dec. 1966	1967
19670075962	Two, 4, 6, trinitrophenylnitroamino-tri /hydroxymethyl/-methane trinitrate	1967
19670075963	Advanced FM demodulator Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670075964	Transistor, UHF, silicon, power, linear, 50-watt, 500-MHz with 10-dB power gain Semiannual report, 20 Jun. - 20 Dec. 1966	1967
19670075966	A study of the use of Holston and Olin Mathieson sodium nitrate in the MK 24 flare composition	1967
19670075967	Long-life cold cathode studies for crossed-field tubes Quarterly report, 15 Oct. 1966 - 15 Jan. 1967	1967
19670075968	Process development for improved high- strength superalloy sheet Interim engineering progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670075969	Process development of refractory metal ingots and sheetbar Final technical report, 15 Sep. 1963 - 31 Aug. 1966	1967
19670075970	Mechanical and thermal properties of high- temperature titanium alloys Final report, 1 Dec. 1964 - 31 Aug. 1966	1967
19670075971	Exploratory development for missile guidance and airframes Quarterly report, Jan. - Mar. 1967	1967
19670075973	High-power magnetron injection gun noise study Triannual progress report no. 2, Sep. 1, 1966 - Jan. 1, 1967	1967
19670075974	High voltage multipliers. High voltage oscillators Final technical report	1967
19670075975	Space programs Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670075976	Development of the XM15 escape rocket Final report, Jan. 1960 - Mar. 1963	1967
19670075978	Smoke marker, E-28, and dispenser, E-14 Summary of evaluation reports, Jan. - Mar. 1967	1967
19670075979	Drag minimization as the extremization of products of powers of integrals	1967
19670075980	Contractor's carrier suitability demonstration of upper avionics compartment installed on A-4 aircraft Final report, 9-14 Mar. 1967	1967
19670075982	X-22A tri-service V/STOL aircraft Monthly progress report, 1-31 Jan. 1967	1967
19670075983	Investigation of magnetic spin resonance Interim report	1967
19670075984	Study of selected shock analysis methods Final report, 24 Jun. - 24 Dec. 1966	1967
19670075985	Orbital fuel cell Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670075986	Far infrared study of the metal complexes of N-Benzoyl-N-phenylhydroxylamine Technical report, Jun. - Aug. 1966	1967
19670075987	Response of materials to suddenly applied stress loads. Part II - High-velocity deformation properties of polyurethane foam Final report	1967
19670075988	Determination of the moon's gravitational field from the motion of Luna 10	1967
19670075989	Phase stabilization of NSS VLF transmissions Final report, Jun. - Dec. 1966	1967
19670075990	The Rome Air Development Center Assembly Program /RADCAP/. Volume I - Description and design Final report, 19 Jan. - 19 Nov. 1966	1967
19670075992	Advanced array research Quarterly report, 15 Dec. 1966 - 14 Mar. 1965	1967
19670075993	Review of recent developments - Metalworking	1967
19670075994	Investigation of the use of engine oils in aircraft hydraulic systems Final technical report	1967
19670075995	High Resolution Infrared Radiometer for Nimbus "B" Reliability analysis report no. 2	1967
19670075996	Project Squid Semiannual progress report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670075998	Nonradiative processes in optical maser materials Final report, 25 Mar. 1965 - 24 Mar. 1967	1967
19670075999	Microelectronic Radar Intercept Calculator RIC Final report	1967
19670076000	Tradeoff investigation between aerodynamic and thrust-augmented maneuvering for lifting reentry vehicles Final report, Jul. 1965 - Jan. 1967	1967
19670076001	Testing of liquid-metal boilers for Rankine- cycle power systems. Volume II - Test data Technical report, Oct. 1964 - Sep. 1966	1967
19670076003	Oscillator strengths of the A, W, and C bands of N2, July 1965 - December 1966	1967
19670076004	Radio ray bending in the lower troposphere measured with a reflection interferometer	1967
19670076005	Effects of high voltage power transmission line towers on antenna patterns and gain	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076006	The effect of a magnetic field on the space charge neutralization problem in electric propulsion Technical report, Feb. - Nov. 1966	1967
19670076007	A study of automatic time-of-arrival techniques for transient electromagnetic pulses	1967
19670076010	Development of manufacturing methods for producing pyrolytic graphite in various shape and structures Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670076011	Production Engineering Measure /PEM/ for transistor, pnp, silicon, switching type EL-2N/X-12/ Quarterly report, 26 Jun. - 25 Sep. 1966	1967
19670076012	Classical approximation for ionization by proton impact	1967
19670076014	Attitude-heading reference set, AN/ASN-76 INTERIM report	1967
19670076015	Development of Ku-band low-noise dual output function traveling-wave tubes Interim development reports, 1 Jan. 1966 - 31 Mar. 1967	1967
19670076016	Circadian rhythm and function diagnostics of peripheral circulation regulation	1967
19670076017	Satellite navigation studies Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670076018	The Advanced SST Avionics System Requirements Study. Volume III - The Recommended Research Program	1967
19670076019	Advanced supersonic aircraft avionics in four specific areas. Volume I - Summary	1967
19670076020	Category II climatic evaluation of a UH-1F HELICOPTER	1967
19670076021	The advanced SST avionics system requirements study. Volume I - Summary	1967
19670076022	Early lunar shelter design and comparison study, volume 3. Subsystems, part 2. Book 3 - Fluid containment. Book 4 - Thermal control. Book 5 - Astronics Final report	1967
19670076025	Classical Calculations of Charge Transfer Cross Sections	1967
19670076030	Satellite navigation studies Progress report, 1 Oct. 1965 - 30 Sep. 1966	1967
19670076031	Evaluation of high resolution electron beam on film recorder Final technical report, May 1965 - Jun. 1966	1967
19670076032	Procedures for calculating natural frequencies of shafting systems Final report, 29 Apr. 1965 - 29 Oct. 1966	1967
19670076033	Calculation of scattered fluorescence signature of deep-space nuclear bursts Interim technical report	1967
19670076035	The accuracy and performance of the ETR TRACKING systems	1967
19670076036	A stereoultramicroscope for the study of sub-micron aerosols	1967
19670076037	Resistance and electron beam welding of columbium and tantalum - An annotated bibliography	1967
19670076038	Gallium arsenide laser	1967
19670076039	Maintenance-free silver-cadmium batteries for aircraft emergency applications Quarterly technical progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670076040	Silver-zinc electrodes and separator research Quarterly technical progress report, 1 Jan. - 1 Apr. 1967	1967
19670076041	Performance evaluation of a Hercules X-259-A3 solid-propellant rocket motor /S/N HIB-203/ at simulated altitude conditions	1967
19670076042	The electrodynamics of electromagnetic forming	1967
19670076044	Lightweight aircraft maintenance workstand Interim report	1967
19670076045	The preparation of multipurpose greases with N,N'-disubstituted dithiooxamide metal chelates as thickeners Technical report, Nov. 1963 - May 1965	1967
19670076046	Report of the RBW Committee to the International Commissions for Radiation Protection and for Radiological Units and Measurements /1962/	1967
19670076049	Cosmic dust in the stratosphere	1967
19670076050	The formation of sound in turbulent flow	1967
19670076051	Develop manufacturing methods to utilize explosives as a high energy source to spot weld metals Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670076052	A self-balancing RF bridge, September 1965 - September 1966	1967
19670076054	Edge restraint rolling of difficult-to-work materials Interim engineering progress report, 16 Oct. 1966 - 15 Apr. 1967	1967
19670076055	Improved calculations of atomic wave functions and energies Technical report, 1 Sep. 1965 - 30 Sep. 1966	1967
19670076056	Expanded Little Ida, experimental program and results Interim reports, 15 Jun. - 1 Dec. 1966	1967
19670076057	Compilation of reaction rate data for nonequilibrium performance and reentry calculation programs, June - September 1966	1967
19670076058	Behavior of nozzle materials under extreme rocket motor environments Final technical report, 1 Mar. 1966 - 28 Feb. 1967	1967
19670076059	Photointerpretation test and evaluation of a photo-transmission system	1967
19670076060	Aerospace density vertical probe launch report /eleven vehicles launched between 10 October 1966 and 5 March 1967/	1967
19670076061	Modulation analyzer Final report, 1 Oct. 1964 - 30 Nov. 1966	1967
19670076062	Acoustic pressure fields of pad launched vehicles - An annotated bibliography	1967
19670076063	Research and development of microwave tubes and devices Final report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670076064	Stress concentration factors for multiple semielliptical notches in beams under pure bending	1967
19670076065	Comparison studies of finite difference results for explosions on the surface of the ground Technical report, Jun. 1966 - Mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076066	High temperature polymers from 1,3-dipolar addition reactions Quarterly progress report, 1 Feb. - 30 Apr. 1967	1967
19670076067	Some collapsing cylinders and their exterior vacuum metrics in general relativity	1967
19670076068	Delay-Doppler ambiguity function for wide-band signals	1967
19670076069	Theoretical and quantum chemistry of N, O, F, compounds Final report	1967
19670076070	Circadian variation in human heat conductance Technical report, 1964 - 1967	1967
19670076071	Experimental studies of cumulative damage Final report	1967
19670076072	A critical review of data on heat transfer and pressure distribution on nose cones in the high unit Reynolds number regime	1967
19670076073	Studies of reserve batteries Semiannual report	1967
19670076074	Formaldehyde condensation. III - Steric aspect of sugar formation	1967
19670076075	Production engineering measure for ruby laser rods Quarterly progress report, 1 Oct. - 30 Dec. 1966	1967
19670076076	Supersonic flow around a thin delta wing in drift	1967
19670076077	Production of high-purity thermal control coatings Interim engineering progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670076078	Manufacturing technology for fibrous materials Interim engineering progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670076080	Application of underwater-curing epoxies to steel sheet piling at USNSB New London	1967
19670076081	Development of improved polyphenylene cure processes	1967
19670076082	Comparison study of liquid oxygen /LOX/ supply system to an electrochemical oxygen supply system	1967
19670076083	Hydraulic plumbing for advanced aerospace vehicles Quarterly technical report, Dec. 31, 1966 - Mar. 31, 1967	1967
19670076085	P-wave signal extraction using 3-component subsystems at TFO Array research special report	1967
19670076086	Technical reports issued but not released for unrestricted circulation, 1 July 1964 - 31 March 1966	1967
19670076087	Research on the role of strain rate and temperature in fatigue	1967
19670076089	Meteor research program Bimonthly progress report, Feb. 1 - Mar. 31, 1967	1967
19670076090	Characteristics and sources of commercially available leak detectors	1967
19670076092	Experimental investigation of the refraction and dispersion of X-rays through crystal reflection on mica	1967
19670076093	NOTS-Michigan TBIRD reports - TBIRD 10, TBIRD 04	1967
19670076096	On optimum radar ranging codes	1967
19670076097	Soviet actinometric data. Volume I - Analysis of data	1967
19670076098	Research on improved epoxy resins Quarterly progress report, 1 Feb. - 1 May 1967	1967
19670076099	Production engineering measure for type FW-202 barrier grid storage tube, volume I Final report, 1 Jul. 1961 - 30 Apr. 1965	1967
19670076100	Improved insulators for rocket motors Quarterly progress report, Dec. 1, 1966 - Feb. 28, 1967	1967
19670076101	Aerodynamic force measurements on cones and cylinders in an underexpanded nozzle plume	1967
19670076102	Trapped radiation - Special bibliography no. 4	1967
19670076103	Saturn C-5 adaptive control system study, phase V Final report	1967
19670076104	Gimballess inertial navigation systems Final report	1967
19670076105	Advanced heat exchanger designs of compact heat exchangers when operating in a marine environment Final report	1967
19670076106	Development and fabrication of solid-state high-speed optical detectors Interim engineering report, 16 Nov. 1966 - 15 Feb. 1967	1967
19670076107	Contamination tolerance of aircraft hydraulic pumps Final technical report, Nov. 1964 - Nov. 1966	1967
19670076108	Optimization of a frequency tracker Technical report, Apr. 1962 - Mar. 1966	1967
19670076109	ALARR safety report Technical report, Oct. 1964 - Jul. 1966	1967
19670076110	Research and development of advanced telemetry digital transducer Final technical report, Jun. 1965 - Nov. 1966	1967
19670076111	Reduction of the two- and three-particle threshold singularities	1967
19670076112	Annual report, February 1, 1966 - January 31, 1967	1967
19670076115	Advanced explosive forming processes /HERF/ FINAL technical report, Jun. 1965 - Feb. 1967	1967
19670076116	Properties of simple atoms and ions Semiannual report, 1 Jan. - 30 Jun. 1967	1967
19670076117	Interrogation, recording and location subsystem Final report	1967
19670076119	Miniature crystals for SSB applications in coldweld enclosures and crystal units with high temperature bonding Interim report, 20 Apr. - 20 Oct. 1966	1967
19670076120	Response factors of electroacoustic transducers	1967
19670076121	Research and special projects report for 1966	1967
19670076122	Spectral and temporal characteristics of lightning as measured with a wide-angle detector, volume 2	1967
19670076124	Evaluation of the blast parameters and fireball characteristics of liquid oxygen/liquid hydrogen propellants Final report	1967
19670076125	Studies on the mechanical properties of filament-wound materials and methods used in their measurement. II - Evaluation of circumferential strength of F/W cylinders by the ISAS ring test and the burst test	1967
19670076126	Studies on the mechanical properties of filament-wound materials and methods used in their measurement. I - The determination of elastic moduli of filament-wound cylinders	1967
19670076127	The encounter between man and machine in flight guidance	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076128	Research on a high energy non-aqueous battery system Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670076129	The Rome Air Development Center Assembly Program /RADCAP/. Volume II - Implementation Final report, 19 Jan. - 19 Nov. 1966	1967
19670076130	Evaluation of the Giannini dual stall warning system and small margin indicators installed in a C-133B Final report	1967
19670076131	Development of improved cutting tool materials Interim engineering progress report, 16 Dec. 1966 - 15 Mar. 1967	1967
19670076132	Development of improved grinding processes Interim engineering progress report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670076134	Research and development programs of the Flight Control Division, Air Force Flight Dynamics Laboratory	1967
19670076136	Millimeter and submillimeter device research Interim report, 1 Jul. 1966 - 31 Jan. 1967	1967
19670076139	Momentum exchange acquisition system Final report, Feb. - Dec. 1966	1967
19670076140	Studies of improved Saturn V vehicles and intermediate payload Saturn vehicles. Volume 7 - Briefing brochure	1967
19670076141	Applications of the direct photon absorption techniques for measuring bone-mineral contents, in vivo Progress report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670076142	Normal mode propagation study. Volume V - Data listings and shiptracks	1967
19670076143	Survey of avionics instrumentation needs for advanced supersonic transports	1967
19670076144	Metal oxides, carbides, nitrides, borides, and silicides in the technology of high and very high temperatures - Present state and future prospects	1967
19670076145	Stability of vortex gliders in glide phase	1967
19670076146	Interaction of electromagnetic waves with a plasma cylinder, January 1966 - May 1967	1967
19670076148	Advanced Supersonic Aircraft Avionics in Four Specific Areas. Volume II - Technical	1967
19670076149	Preliminary design methodology for air- induction systems Final report, Jul. 1965 - Jun. 1966	1967
19670076150	The study of hydrocarbon fuel vapor phase deposits Quarterly progress report, 16 Nov. 1966 - 16 Feb. 1967	1967
19670076151	Approximate continuous nonlinear minimal- variance filtering	1967
19670076152	Homogeneous cosmological models with bounded potential	1967
19670076153	The thermal emission of metals into the half space	1967
19670076154	A study on high-performance insulation thermal design criteria, volume 1 Final report	1967
19670076157	Problems in J x B plasma acceleration Semiannual progress report, 1 Jan. - 30 Jun. 1967	1967
19670076158	Feasibility of modifying the S-IVB stage as an injection stage for manned planetary flyby missions, volume II Final technical report, 13 Sep. 1966 - 13 Apr. 1967	1967
19670076159	Short pulse model measurement studies Final technical report, Jul. 1965 - Oct. 1966	1967
19670076160	Nuclear rocket engine steady state mathematical model and computer program	1967
19670076161	Thermal stability of ammonium perchlorate - Lithium perchlorate mixtures	1967
19670076162	Atomic shell structure in inelastic collisions	1967
19670076163	Chemistry of irradiation induced polytetrafluoroethylene radicals. Volume I - Re-examination of the EPR spectra	1967
19670076165	Reactions of alkylperoxy and alkoxy radicals	1967
19670076166	The Rome Air Development Center Assembly Program /RADCAP/ RADCAP programming manual	1967
19670076167	Redeye moving target simulator, device X12A11 INTERIM report	1967
19670076168	Evaluation of the PSIN device Final report, 1 Mar. 1965 - 31 Aug. 1966	1967
19670076169	Friction and wear at elevated temperatures Final report, Jan. - Dec. 1966	1967
19670076170	Manufacturing methods for high temperature coating of large columbium parts Interim progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670076173	Research on the deflagration of high-energy solid oxidizers Quarterly technical summary report, Dec. 1, 1966 - Feb. 28, 1967	1967
19670076174	Temperature response and compensation for pressure transducers in cryogenic environments Final report	1967
19670076175	Initiation of explosives by exploding wires. X. Capacitance - Voltage relationships for the initiation of PETN by exploding wires	1967
19670076176	Lifting reentry communications. Volume III PLANE wave attenuation tables	1967
19670076179	Study of rectangular-guide-like structures for millimeter wave transmission Progress report, 1 Jan. - 30 Apr. 1967	1967
19670076180	On the dispersion and absorption of X-ray	1967
19670076181	Program requirements for two-minute integrated Doppler satellite navigation solution	1967
19670076183	Sterile assembly challenge system Final report	1967
19670076184	Aerobee NASA 4.168 CS /4 April 1967/ Meteorological data report	1967
19670076185	Gas-metal reaction kinetics by pulsed beam-mass spectrometry Quarterly report, 1 Dec. 1966 - 1 Mar. 1967	1967
19670076186	Fatigue of plates and weldments in high strength steels Final report, Oct. 1965 - Oct. 1966	1967
19670076187	Some properties of high-velocity cumulative jets	1967
19670076188	Structural changes in high-strength steel associated with stress corrosion and its relationship to delayed failure Summary report, Mar. 1, 1966 - Mar. 31, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076189	The Gurney formula and related approximations for high-explosive deployment of fragments	1967
19670076190	The injection of tenuous plasma into a magnetic guide field in the absence of wall-shorting	1967
19670076191	Some remarks on the location of singularities in S-matrix theory	1967
19670076194	A Theoretical Investigation of the Properties of Planetary Atmospheres Informal Report, Dec. 1966 - May 1967	1967
19670076195	Study and evaluation of the constant-momentum mass spectrometer for ion analysis in the D and E regions of the ionosphere Fourth six-monthly report, 1 Dec. 1966 - 31 May 1967	1967
19670076196	The development of Moldavite study, second period 1915-1939. The relationship of density to refractive index in Moldavites from a single site	1967
19670076197	Study of tracking accuracy requirements Final report	1967
19670076198	Radiative energy transfer on entry into Mars and Venus Quarterly report	1967
19670076200	Frequency azimuth video receiver Quarterly report, 1 Jul. - 31 Sep. 1966	1967
19670076201	Speed buffering and digital combining techniques Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670076202	Ignition of solid rocket propellant surfaces Final report	1967
19670076203	Early lunar shelter design and comparison study. Volume 1 - Summary /part two/ Final report	1967
19670076204	Servo damping of a gravity-gradient stabilized satellite, August 1965 September 1966	1967
19670076206	Decomposition and humification in the soil of straw labeled with C-14	1967
19670076207	Novel electrostatic beam condenser lens and new five-stage lens system	1967
19670076209	On the simulation of steady one dimensional /MHD/ channel flow in a shock tube	1967
19670076210	Alkaline primary cells	1967
19670076215	Normal mode propagation study. Volume IV - Details of hardware and software	1967
19670076216	Automatic landing investigation	1967
19670076217	Analytical study of nonmetallic parts for launch vehicles and spacecraft structures Quarterly progress report, 1 Apr. - 1 Jul. 1967	1967
19670076219	Development of a 50 KVA laboratory prototype superconducting ac generator Final report, 15 Mar. 1965 - 31 Oct. 1966	1967
19670076220	Early lunar shelter design and comparison study. Volume 2 - Mission timelines and requirements Final report	1967
19670076221	Selection of instrumentation for analyzing combustion instability in liquid propellant rocket engines	1967
19670076222	Program progress research and development stage I Minuteman Status report, 1 Jan. - 31 Mar. 1967	1967
19670076223	A multifrequency system of broadside microwave probes for the measurement of wake electron densities	1967
19670076225	Maraging steels - Experience at MEXE. Part I - Mechanical properties	1967
19670076226	Study of absorption and radiative coupling in hypervelocity flows Quarterly progress report, 25 Jan. - 24 Apr. 1967	1967
19670076229	Plastic deformation of body-centered cubic metals. Volume I - Plastic deformation of tantalum Technical report, 15 Feb. 1963 - 30 Jun. 1966	1967
19670076230	A study of the decomposition mechanism of ammonium perchlorate Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670076231	Investigation of materials and design concepts for long life reciprocating piston seals Final report, Jul. 1965 - Sep. 1966	1967
19670076232	Satellite observed cloud cover in southeast Asia Interim report, 25 Oct. 1966 - 25 Feb. 1967	1967
19670076233	IR in-line cinespectrograph Final report	1967
19670076234	Evaluation of filter/separator element performance in the presence of surface active fuel additives /Faudi Feinbau and Filters, Inc., elements/, April to November 1966	1967
19670076238	Light refraction by a blast bubble	1967
19670076239	Corrosion and reduction of iron by a soluble dehydrogenase produced by <i>Desulfovibrio desulfuricans</i>	1967
19670076240	Radar target scatter site /RATSCAT/ VHF DEMONSTRATION program Final report	1967
19670076241	High speed gas-surface interactions. I - Preliminary model	1967
19670076242	Summary of the Twelfth Meeting of the Refractory Composites Working Group	1967
19670076243	Investigation of new concepts and linear beam techniques for microwave generation Quarterly report, 10 Oct. - 31 Dec. 1966	1967
19670076244	The spectral analysis of sampled signals Technical report, Jul. - Oct. 1966	1967
19670076247	Test and evaluation of APCEF configurations A and B, volume 3 Final report	1967
19670076248	Analysis of the biaxial strip and shear lap tests for solid propellant characterization	1967
19670076249	Remarks on the structure of stationary point processes	1967
19670076250	The development of an insulated thermionic converter-heat pipe assembly Summary technical report, Mar. 1966 - Mar. 1967	1967
19670076251	The observable characteristics of near wakes due to ablation contamination	1967
19670076256	Distribution of flashlamp energy around a laser rod in a multielliptical cavity	1967
19670076257	Investigation of thermodynamic properties of rocket combustion products Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670076258	Sled and laboratory test results Honeywell sign system H-408 inertial sensor block Final report, Apr. - Dec. 1966	1967
19670076259	Lasers - An annotated bibliography. Volume II - 1 June 1965 - 1 June 1966, part II	1967
19670076261	Improvement of communication arc lamps for visible and infrared signalling equipment Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076262	Computation of integrals of the product of many spherical functions	1967
19670076266	Synthetic studies on peptides Final comprehensive report, Jan. 1965 - Dec. 1966	1967
19670076268	Hydrologic evaluation of Gemini photographs of fringes of the Sahara, Africa	1967
19670076269	Format II - Second version of Fortran matrix abstraction technique. Volume IV - A user-coded matrix generator for the displacement method Final report, May 1965 - Oct. 1966	1967
19670076271	New methods leading to high efficiency in traveling-wave tubes Quarterly progress report, 1 Sep. - 30 Nov. 1966	1967
19670076272	Gastight and maintenance-free storage batteries	1967
19670076274	Structural and mechanical effects of interstitial sinks	1967
19670076275	Brushless dc torquer for pendulous integrating gyro-accelerometer Final report	1967
19670076276	Reliable Solid-State Circuits Semiannual Report No. 4	1967
19670076277	Development of pulse width modulated dc amplifiers in integrated circuit form Final report	1967
19670076278	Early lunar shelter design and comparison study. Volume 5 - Resources plan Final report	1967
19670076279	Wind profile measurement Semiannual progress report, 1 Feb. - 31 Jul. 1967	1967
19670076280	An experimental and analytical study of the heat transfer and flow mechanics of high velocity condensing vapors Status report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670076282	Tunable superconductive RF networks Quarterly report, 1 Oct.- 31 Dec. 1966	1967
19670076284	Deodorization in agriculture, under special consideration of manure drying in disposal plants	1967
19670076285	Antiradiant cellular structures and their industrial applications	1967
19670076287	Heat problems of hypersonic reentry	1967
19670076297	Microwave diagnosis of inhomogeneous plasma boundary layers	1967
19670076299	Sound propagation studies II at the Mississippi Test Facility, 7 November 1963 - 31 May 1966	1967
19670076300	Mechanical methods of instrument alignment for a missile infrared measurement program	1967
19670076301	Some theoretical aspects of adaptive signal sorting	1967
19670076302	Studies of the effect of laser radiation on chemical activation and vapor fog nucleation Quarterly progress report, Feb. - May 1966	1967
19670076303	Analytical studies of the interior ballistics of spinning rocket motors - A literature survey	1967
19670076304	Stabilized Optical Sighting System - Study report, volume II	1967
19670076305	Development of advanced dynamic fault diagnosis techniques Technical report, 31 Jan. 1966 - 28 Feb. 1967	1967
19670076306	Solar pointing control, June 1964 - June 1966	1967
19670076307	Zero-five-eight-zero-two Lance Missile No. TP-54, Round No. 41 RBT Meteorological data report	1967
19670076308	Microbial metabolism of paddy soils /Part I/	1967
19670076309	Microbial metabolism of paddy soils /Part II/. Gases and organic acids contained in the soils of paddy fields	1967
19670076310	Theoretical and experimental studies of magneto-aerodynamic drag and shock stand-off distance Progress report, Jan. 8 - Jul. 7, 1967	1967
19670076311	Optical technology program Interim technical report, 1 Jan. - 31 Mar. 1967	1967
19670076312	Investigation of voltage breakdown in space environment Semiannual progress report	1967
19670076313	PEM quartz crystal units, filter, low frequency, 1 MC to 10 MC, types CR-/XM-52//U thru CR-/XM-49//U, per SCS-191 DATED 23 Jan. 1963 Quarterly progress report, Jul. - Dec. 1966	1967
19670076314	Synthesis and study of mono-o-phenanthroline chromium /III/ perchlorate Technical report, Jul. - Dec. 1966	1967
19670076315	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors Quarterly report, 29 Dec. 1966 - 29 Mar. 1967	1967
19670076316	Research on high power transducer ceramics. Stress sensitivity of piezoelectric ceramics. Part II - Heat treatment	1967
19670076317	Production engineering measure for mechanization of high reliability capacitors Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670076318	Modification of Shillelagh missile igniter metal parts /EM-5 to EM-6/	1967
19670076319	Summary of procedures for SPAMS management during all phases of the Apollo instrumentation ship's mission Final report no. 4	1967
19670076321	Study of mission modes and system analysis for lunar exploration Final report, 3 Jan. 1966 - 3 Feb. 1967	1967
19670076322	Fifty megawatt electrogasdynamics facility	1967
19670076323	Oceanographic cruise summary Salvops Vieques, USS Hoist /ARS-40/	1967
19670076324	Stanley tractor rocket escape system aircrew escape during dive, roll, and spin maneuvers Final report	1967
19670076325	Intrinsic infrared detector development, 5 July 1966 - 4 April 1967	1967
19670076326	Chemistry of wire explosions in hydrocarbons Research report, Sep. - Dec. 1966	1967
19670076327	Synthesis of additive ambient seismic noise with a Gaussian Markov model Seismic data lab. report no. 182	1967
19670076328	Broadband optical detectors /1.06-micron/ Semiannual report, 1 Jul. - 31 Dec. 1966	1967
19670076329	Photosensitive array correlator Quarterly report, 1 Jan. - 1 Apr. 1967	1967
19670076332	Optical parametric interactions Final report, 1 Feb. 1966 - 1 Feb. 1967	1967
19670076333	Conditioned suppression on punished and non-punished baselines	1967
19670076334	Nimbus yaw reaction wheel Final report, Apr. - Nov. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076335	Accelerated service evaluation of the J79-GE-10 engine Interim report, Jul. - 28 Oct. 1966	1967
19670076336	Principal component analysis of seismic data and direction of the principal component for seismic record	1967
19670076337	Eigenvalues and eigenvectors of spectral density matrices	1967
19670076339	Proposed Experiment for Measurement of Amplitude and Phase Decorrelation Semiannual Status Report, 1 Dec. 1966 - 31 May 1967	1967
19670076341	Study of thin film oxide electrolytes Progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670076342	Electron distribution function in a nonequipartition plasma	1967
19670076343	Development of a zinc/oxygen battery system for space vehicle application Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670076344	Development of a mylar high-voltage capacitor Technical report, 18 Feb. 1966 - 22 Feb. 1967	1967
19670076345	Note on the calculation of second-order G- shifts at paramagnetic ions in crystals	1967
19670076346	Early lunar shelter design and comparison study. Volume 1 - Summary, part 1. Book 1, management summary Final report	1967
19670076347	Multi-spectral tracking telescope for the Apollo application program Progress report	1967
19670076348	High energy nuclear physics research program Status report	1967
19670076349	Recovery of boosters at sea Final report	1967
19670076350	Stress waves in bounded media Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670076351	Advanced SST Guidance and Navigation System Requirements Study. Volume II - Supporting Analysis Final Report	1967
19670076352	Development of a large controllable parachute, 56 feet diameter cloverleaf Final report	1967
19670076353	Texas Symposium on Relativistic Astrophysics, 1967 Summary report	1967
19670076354	Improvement of infrared image tube Final report	1967
19670076355	20-kW short-arc lamp performance and reliability evaluation Interim report, Mar. 1965 - Oct. 1966	1967
19670076356	Laser array techniques Quarterly progress letter No. 1A, 2 Dec. 1966 - 1 Mar. 1967	1967
19670076357	A study and analysis on the ATS-4 gravity gradient stabilization system, volume 1 Final report	1967
19670076358	Continuous scanning meteorological camera system for ATS Quarterly report, Jun. 22 - Sep. 22, 1966	1967
19670076359	Rebinder effect	1967
19670076361	Pneumatic and environmental control SLV-3 FOLLOW-ON test parameters 69-00719, book no. 1	1967
19670076363	Semiconductor-metal-semiconductor triode Technical report, Jan. 1966 - Apr. 1967	1967
19670076364	Applied research on infrared detection systems Technical report, Jan. 1966 - Feb. 1967	1967
19670076366	A tunnel diode oscillator in a microwave structure Final technical report, 1 Aug. 1965 - 31 Aug. 1966	1967
19670076368	Production engineering measure for ceramic filters Quarterly report, 30 Dec. 1966 - 29 Mar. 1967	1967
19670076369	Development of redraw techniques for thin-walled columbium alloy tubing Interim engineering report, 15 Jan. - 15 Apr. 1967	1967
19670076370	Experimental evaluation of expanded pyrolytic graphite for use in space radiators Final technical report, 1 Mar. 1966 - 28 Feb. 1967	1967
19670076371	Fabrication methods with molded shims for aerodynamics surface control Quarterly report, period ending 1 Apr. 1967	1967
19670076372	The objective analysis of cloud cover using satellite and surface data. Volume II - Results of comparison and analysis test Final report, Jan. 1966 - Feb. 1967	1967
19670076373	Development of PPM-focused low-noise traveling-wave tubes for Ku-, K-, and Ka- band Interim development report, 1 Jan. 1967 - 31 Mar. 1967	1967
19670076375	Ordnance Aerophysics Laboratory Progress report, 1 Jan. - 31 Mar. 1967	1967
19670076376	Dispersion-strengthened metal structural development Interim technical report, 1 Feb. - 1 May 1967	1967
19670076377	A general model to predict the elastic-plastic stress distribution and fracture strength of notched bars in plane strain bending	1967
19670076378	Structural configurations for increasing fatigue life at temperatures up to 200 deg C Summary report no. 4, 1 Sep. 1965 - 31 Aug. 1966	1967
19670076379	Avionics for Light Observation Helicopter /LOH/ Interim report	1967
19670076381	High density information recording and display techniques study Quarterly progress report, 21 Jul. - 20 Oct. 1966	1967
19670076382	A method for the determination of optimum launch times for missiles carrying sun sensors	1967
19670076383	Development of a manufacturing process for the electrosag melting and casting of materials quarterly progress report, 16 Dec. 1966 - 15 Mar. 1967	1967
19670076384	Gas tungsten-arc /Tig/ welding Interim engineering progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670076385	Non-Newtonian fluid mechanics /molecular mechanisms/ Progress report, Sep. 1 - Feb. 28, 1967	1967
19670076386	Radiative energy transfer on energy into Mars and Venus Quarterly report, 1 May - 31 Jul. 1967	1967
19670076388	Theoretical studies of heavy ion exchange in air Technical report, 15 Nov. 1965 - 15 Dec. 1966	1967
19670076389	Development of the multiple arc concept for the AMICOM 8000-kW Plasma Facility	1967
19670076391	XB-70A air vehicle Flight test monthly progress report no. 4, for Feb. 1967	1967
19670076392	Studies of the effect of laser radiation on chemical activation and vapor fog nucleation Final report, Jun. 1964 - Jun. 1966	1967
19670076393	Little John. Missile no. 2151, round no. 655 RM /21 March 1967/ Meteorological data report	1967
19670076394	Evaluation of strippers number 7 and number 602 for difficult-to-remove aircraft finishes submitted by Chaffee and Son Laboratories	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076395	Effect of temperature on cobaltous chloride impregnated humidity indicator cards	1967
19670076396	Development of composite structures for high temperature operation Final report, 1 Jul. 1964 - 28 Feb. 1967	1967
19670076397	Scramjet thermal protection program Progress report, 1-28 Feb. 1967	1967
19670076398	The role of adsorption in the catalytic para-ortho hydrogen conversion	1967
19670076400	Ground investigations of flight experiments on promates in long duration zero-g Quarterly status report, 1 Mar. - 31 May 1967	1967
19670076402	Integrated circuits for combat area equipment Final report, Jan. 1965 - Feb. 1967	1967
19670076404	Hyperenvironmental radome evaluation techniques Interim report, 1 Jan. - 31 Mar. 1967	1967
19670076406	Array research. Study of teleseisms recorded at Cumberland Plateau Observatory	1967
19670076407	Development of the manufacturing capabilities of the hydrostatic extrusion process Interim engineering progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670076409	Aircraft coating, testing and evaluation Interim engineering report, 1 Jan. - 31 Mar. 1967	1967
19670076410	Stress relaxation in the shock compression of solids Technical report, 6 Dec. 1965 - 15 Mar. 1967	1967
19670076411	Proposed aircrew member head protection /UH-1 ARMOR seat headguard/ Final report, 6 1 Oct. - 15 Nov. 1966	1967
19670076412	Instrumentation for electric field measurement. Phase II - Design and development Technical report, May - Dec. 1966	1967
19670076413	Experimental studies of atomic hydrogen recombination at glass and quartz surfaces Final scientific report, Nov. 1, 1962 - Oct. 31, 1966	1967
19670076414	Personnel accommodations and crew compartment controls and displays, XB-70A Summary test report, 3 Nov. 1966 - 31 Jan. 1967	1967
19670076415	Mechanisms of slow crack growth in high-strength steels Technical report, Jul. 1965 - Dec. 1966	1967
19670076416	Optimum allocation of communication satellite resources Final report	1967
19670076420	Development of refractory extrusion liners Interim engineering progress report, 15 Jan. - 15 Apr. 1967	1967
19670076421	Research on Gunn effect devices, part II INTERIM technical report, pt. II, 1 Feb. - 30 Apr. 1967	1967
19670076422	Crazing and yielding of reinforced composites Quarterly progress report, 1 Dec. 1966 - 1 Mar. 1967	1967
19670076423	Array research. Analysis of vertical array data from Grapevine and UBO	1967
19670076425	Surface diffusion studies on UO ₂ and MgO	1967
19670076426	Creep buckling of a nonlinearly viscoelastic beam-column	1967
19670076427	Expansion phenomena of compacted fine powders	1967
19670076428	Beam steering ultrasonic transducers study Final report, 2 Feb. 1966 - 2 Feb. 1967	1967
19670076429	Application and refurbishment procedures X-15A-2 thermal protection system	1967
19670076430	Mechanical properties of metals	1967
19670076431	Review of recent developments - Oxidation - resistant coatings for refractory metals	1967
19670076433	Little John /MRRS/ missile no. 1056, round no. LJ 5 HP /19 April 1967/ Meteorological data report	1967
19670076434	Computer-controlled digital correlator for detecting sinusoidal signals Research and development report, Jan. 1965 - Jun. 1966	1967
19670076435	Operations of Nimbus Data Utilization Center Final report, 1 Dec. 1965 - 30 Nov. 1966	1967
19670076436	Characteristics of polymers for use in pyrotechnic fuels	1967
19670076438	Single sideband quartz crystal units for VHF applications /metal enclosures/ Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670076439	Development of a buried-gate power field-effect transistor Interim engineering report, 11 Oct. 1966 - 10 Jan. 1967	1967
19670076440	A review of Kraichnan's theory of turbulence, September 1964 - September 1966	1967
19670076441	Inflatable broadband components	1967
19670076442	FORMAT II - Second version of Fortran matrix abstraction technique. Volume III - A user-coded matrix generator for the force method Final report, May 1965 - Oct. 1966	1967
19670076444	Zero-five-eight-zero-two Lance missile no. TP-43, round no. 43 RMT /14 April 1967/ Meteorological data report	1967
19670076445	Electrochemical sources of pulse power	1967
19670076446	Reliability prediction on the basis of response "peak" statistics for non-Gaussian Summary technical report, 1 Dec. 1965 30 Nov. 1966	1967
19670076448	Radiative effects on rocket stability with ozone-containing oxidizers Quarterly report, 30 Nov. 1966 - 28 Feb. 1967	1967
19670076449	Random time-varying transfer function estimation Research report, Sep. 1966 - Apr. 1967	1967
19670076451	A study of failure mechanisms in silicon planar epitaxial transistors Final report, 20 May 1965 - 1 Dec. 1966	1967
19670076452	The thoron content of the atmosphere and its relation to the exchange conditions Final technical report, 1 Oct. 1965 - 31 Dec. 1966	1967
19670076453	The treatment of shock based on physiological principles Annual progress report, 1 Jan. - 31 Dec. 1966	1967
19670076454	Comments on magnetic surveillance	1967
19670076456	Electron and field interactions with thin flames and surfaces Semiannual progress report	1967
19670076457	Advanced SST guidance and navigation system requirements study. Volume I Summary Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076458	Determination of optimum length of end release for case bonded solid propellant rocket motors Final report, 1 Apr. 1966- 15 Mar. 1967	1967
19670076459	Molecular electronics for radar applications, phase II Interim report, Dec. 1966 - Feb. 1967	1967
19670076460	Research on life in extreme environments Final report	1967
19670076461	ATM contamination study, Task IV Final report	1967
19670076462	Study of Saturn IB improvement programs executive summary report	1967
19670076468	Thermal Analysis of the University of Wisconsin Experiment Package/Smithsonian Astrophysical Observatory Experiment Final Report, 7 Nov. 1966 - 31 Mar. 1967	1967
19670076469	Development of laser beam scattering techniques for gas density measurement in rocket base flow fields Quarterly progress report, 15 Mar. - 15 Jun. 1967	1967
19670076471	A study for the development of an Integrated Reliability Avionics Model Simulator/IRAMS/, January - March 1967	1967
19670076473	Two gas-bearing gyros with hydrodynamic spinmotors Final report	1967
19670076476	Process development for precision forging columbium base alloys Final technical report, 1 Oct. 1964 - 15 Dec. 1966	1967
19670076477	A measurement of the cross-section for detachment of electrons from h- by electron impact	1967
19670076478	The physiology of mechanical trauma Annual progress report, 1 Aug. 1966 - 30 Apr. 1967	1967
19670076479	Solid-state laser exploration, Phase II FINAL report, 1 Mar. 1966 - 28 Feb. 1967	1967
19670076480	The Aerospace Materials Information Center Annual report, Jan. 1965 - Jan. 1966	1967
19670076481	A new mixing length theory for turbulent flows in dynamic equilibrium	1967
19670076483	Comparison of annular- and centerbody- type auxiliary ejector-diffuser performance for throtttable engines	1967
19670076484	Saturn IB launch vehicle project development plan	1967
19670076485	Application of a powder lubrication system to a gas turbine engine Progress report, Nov. 1966 - Feb. 1967	1967
19670076487	Design and development of integrated semiconductor circuits utilizing field- effect devices Interim development report, 17 Nov. 1966 - 17 Feb. 1967	1967
19670076488	Limiting deformations in bulge forming of thin cylinders of fixed length	1967
19670076489	Safety analysis report for army pulse radiation facility fast pulse reactor	1967
19670076490	Dynamic subcritical crack growth properties of duplex annealed Ti-8Al-1MO-1V and mill annealed Ti-6Al-4V in an air and corrosive environment Technical report, Jul. 1965 - Mar. 1966	1967
19670076492	Research on nonradiative processes in laser materials Semiannual technical report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670076493	Microwave electronically variable ion beam time delay device study Interim report, Dec. 1966 - Feb. 1967	1967
19670076495	Solid state pulse compression techniques Final report, Jan. 1966 - Jan. 1967	1967
19670076496	Marine air-ground intelligence system, image interpretation sub-system	1967
19670076498	Study of mission modes and system analysis for lunar exploration. MIMOSA planning methodology - Exploration equipment data book, volume II, part 1 Final report, 3 Jan. 1966 - 3 Feb. 1967	1967
19670076499	Study of mission modes and system analysis for lunar exploration. MIMOSA planning methodology - Exploration equipment data book, volume II, part 2 Final report, 3 Jan. 1966 - 3 Feb. 1967	1967
19670076500	Development of new and improved forging lubricants Interim engineering progress report, 1 Feb. - 30 Apr. 1967	1967
19670076501	Evaluation of crew member's improved fire resistant flight coveralls /ACA-45/67I/ FINAL report, 1 - 30 Apr. 1967	1967
19670076503	Athena D-043, flight no. 073 /6 April 1967/, Athena B-031, flight no. 074 /6 April 1967/ Meteorological data report	1967
19670076504	Honest John missile no. 2462, round no. 550 APL and missile no. 2501, round no. 551 APL /2 May 1967/ Meteorological data report	1967
19670076505	RETRAN estimation of orbital parameters and tracking system biases	1967
19670076506	Compatible active thin-film integrated structures, Phase IV Interim technical report, 1 Nov. 1966 - 28 Feb. 1967	1967
19670076507	Early lunar shelter design and comparison study. Volume 6 - Supporting studies Final report	1967
19670076508	Early lunar shelter design and comparison study. Volume 4 - System integration and configuration design Final report	1967
19670076509	Early lunar shelter design and comparison study. Volume 3 - Subsystems /part 1/. Book 1 - Environmental control/life support Final report	1967
19670076510	Advanced SST Guidance and Navigation System Requirements Study. Volume III - Appendices Final Report	1967
19670076511	An active seismic experiment as part of the Apollo lunar surface experiment package Final engineering report	1967
19670076513	Gaseous ion laser research Final report, 1 Jul. 1965 - 31 Dec. 1966	1967
19670076514	Linear microassemblies Quarterly report, 1 Jul. - 30 Dec. 1966	1967
19670076516	Microwave devices utilizing oriented cubic ferromagnetic materials Quarterly report, 15 Sep. - 14 Dec. 1966	1967
19670076517	Synopsis of the magnetosphere, July 1966 - January 1967	1967
19670076518	Long-period seismograph development	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076519	Little John /MRRS/ missile no. 1053, round no. LJ 1 TFG /8 May 1967/ Meteorological data report	1967
19670076520	The objective analysis of cloud cover using satellite and surface data. Volume I - Summary of results and recommended operational use of satellite data	1967
19670076521	Dependence of human cortical response on slight variations in vigilance	1967
19670076522	Manufacturing methods for growing large sound yttrium iron and yttrium gallium iron garnets Interim engineering progress report, 1 Dec. 1966 - 31 Mar. 1967	1967
19670076523	The correlation of crack growth data at various range ratios	1967
19670076524	Experiments on incompressible turbulent boundary layers with distributed injection	1967
19670076526	Radiation of seismic waves from the Bilby explosion	1967
19670076527	Apollo Telescope Mount extended applications study program. ATM thermal study, task III FINAL report	1967
19670076528	The development and evaluation of a miniature velocity gage Technical report, Jul. 1962 - Dec. 1965	1967
19670076529	Lasers - An annotated bibliography, volume II, part I Literature search, Jun. 1965 - Jun. 1966	1967
19670076531	Reliability and quality assurance program Quarterly status report, Jan. - Mar. 1967	1967
19670076532	Technical study of the frequency generating circuits in AN/URN-3A, AN/GRN-9B and AN/GRN-9C TACAN frequency-multiplier- oscillator units Final report, 15 Jan. - 15 Mar. 1967	1967
19670076533	Fuel cells for generating electric power Interim report	1967
19670076535	Toxic exhaust cloud diffusion study Final technical report, 1 Jun. 1966 - 18 Jan. 1967	1967
19670076538	Study and investigation of UHF-VHF antennas Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670076539	Evaluation of biaxial stresses in welded joints	1967
19670076540	Micro-dispensing and valving techniques Final report	1967
19670076541	Implication of millimeter wave research and technology of naval problems Semiannual report	1967
19670076542	Study of mission modes and system analysis for lunar exploration. Lunar exploration equipment and mode definition. MIMOSA TECHNICAL report, volume I Final report	1967
19670076543	Study of mission modes and system analysis for lunar exploration. MIMOSA technical report - Candidate lunar exploration programs, volume II Final report, 3 Jan. 1966 - 3 Feb. 1967	1967
19670076546	A study and analysis of the ATS-4 gravity gradient stabilization system, volume 2 Final report	1967
19670076547	Study of the titration curve of humus acid. /First report/. Titration curve of compost humus acid and inorganic components	1967
19670076548	Deep sea simulation, component testing, and associated problems - An annotated bibliography Literature search	1967
19670076550	Procedures manual for planetary spacecraft to be sterilized by heating. Volume 1 - Design guidelines	1967
19670076552	Circadian rhythms in primates as influenced by latitude, longitude, gravity and confinement Semiannual progress report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670076555	Demand-mode integral rocket-ramjet /U/ Final technical report, 17 Jan. 1966 - 16 Jan. 1967	1967
19670076564	Altitude performance evaluation of the propellant combination N2O4/alumizine-43 at the 2000- and 15,000-LBf-thrust levels /U/ Technical report, Oct. 28, 1966 - Jan. 16, 1967	1967
19670076565	A fundamental approach to "map-matching" area correlators /U/	1967
19670076566	Infrared sensor arrays /U/ Interim report, 1 Jan. - 31 Mar. 1967	1967
19670076572	A "watch dial" source of illumination for night operations /U/	1967
19670076573	Behavior of supercritical nozzles under three dimensional oscillatory conditions	1967
19670076575	An 8 bit, biorthogonal telemetry system with efficient and flexible sync for space communications	1967
19670076577	Advanced SST Avionics System/ SCR 330 Requirements Study. Volume II - The Advanced SST Avionics System Challenge	1967
19670076578	Nuclear Physics Division progress report, 1 May - 31 October 1966	1967
19670076580	Multiple OV1 orbital performance Aeroballistics technical note	1967
19670076582	Remote fan investigations for V/STOL TRANSPORTS. Volume II - Critical components demonstrator program /U/ Final report, 22 Nov. 1965 - 22 Aug. 1966	1967
19670076583	Verification of a new liquid oxidizer /U/ Final report, 1 Jul. 1966 - 31 Mar. 1967	1967
19670076586	Digital signal process techniques study /U/ Final report, Jun. - Dec. 1966	1967
19670076587	Aircrew survival capsules for future Army aircraft /U/ Final report, Feb. 1965 - Feb. 1966	1967
19670076589	Functionally terminated high energy prepolymers /U/ Final technical report, 29 Apr. 1966 - 28 Apr. 1967	1967
19670076590	Combustion mechanism of low burning rate propellant /U/ Quarterly progress report, 2 Jan. - 31 Mar. 1967	1967
19670076591	Combustion instability studies of extinguishable propellants /U/ Progress report, Sep. 1966 - Feb. 1967	1967
19670076594	DDAM prediction versus test measurement of shipborne equipment response /U/	1967
19670076597	NERVA nuclear reactor vibration analysis and test program with emphasis on nonlinear responses	1967
19670076598	Evaluation of injectors for CTF/MHF-3 at 10K thrust and 1K pressure /U/ Final report	1967
19670076599	Titan product engineering expandable nozzle program /U/ Final report	1967
19670076601	A study of the explosion limits of simple difluoramino compounds /U/ Semiannual progress report, 1 Aug. 1966 - 31 Jan. 1967	1967
19670076602	Minuteman flight test report /U/	1967
19670076604	Comparison of methods of calculating LF/LF REFLECTION coefficients /U/	1967
19670076605	High energy advanced throttling concept study /U/ Final technical report, May 1966 - May 1967	1967
19670076606	Investigation of decomposition catalysts for 98percent hydrogen peroxide /U/ Quarterly report, Feb. - Apr. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076607	Solid propellant extended environmental capability evaluation program /U/ Quarterly report, Jan. - Mar. 1967	1967
19670076608	Material evaluation program for microchannel plates /U/ Quarterly report	1967
19670076609	Preliminary investigations of the Varian rubidium vapor magnetometer in counterinsurgency surveillance /U/ Semiannual report, appendix B	1967
19670076611	Mixing of highly sensitive solid propellants /U/ Interim report, 1 Jan. - 31 Mar. 1967	1967
19670076612	Data from the study of the G.A.S.S. EXPERIMENTAL device, part III	1967
19670076613	Data from the study of the G.A.S.S. EXPERIMENTAL device, part II	1967
19670076614	Data from the study of the G.A.S.S. EXPERIMENTAL device, part I	1967
19670076615	Cortical responses of human beings to the skipping of individual vibrational stimuli in a periodic series of stimuli	1967
19670076616	Refractory metals /Cb, Ta, Mo, W/	1967
19670076617	Analysis, classification and laboratory simulation of the climatic deterioration of electrical equipment	1967
19670076618	Electrical resistivity of several oxides at 20 deg C, 1000 deg C, and 1500 deg C Interim report	1967
19670076619	Study of Objectives	1967
19670076620	Data analysis in connection with the National Geodetic satellite program Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670076621	Production engineering measure CR-/XM-53/U QUARTZ crystal units Quarterly report, Nov. 1966 - Jan. 1967	1967
19670076623	Ion implantation doping techniques Interim technical report, 1 Feb. - 30 Apr. 1967	1967
19670076624	Develop balloon systems and conduct high- altitude balloon flights Quarterly status report, 1 Mar. - 31 May 1967	1967
19670076625	Structural configurations for increasing fatigue life at elevated temperatures Summary report, 1 Mar. - 31 Aug. 1965	1967
19670076626	Simulation and analysis of the low-voltage arc mode in plasma diodes, part II Final report, 1 Jun. 1963 - 31 Dec. 1966	1967
19670076629	Determination of the Mechanical Properties of Solid Rocket Fuels	1967
19670076630	Propulsion system SLV-3 follow-on test parameters 69-00718, book no. 1	1967
19670076631	Study of the interactions between single point defects and clusters of point defects in metals and their effect on the rate of precipitation Final summary report	1967
19670076632	Manufacturing methods for plastic airframe structures by filament winding Quarterly report, Feb. - Apr. 1967	1967
19670076635	Evaluation of Fresnel Lens Optical Landing System /FLOLS/ Hi-Lo datum arms Final report	1967
19670076636	VHF repeater experiment for ATS/C QUARTERLY progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670076637	Electromagnetic compatibility testing of Collins Radio Company dual operator station of the radio frequency operational intercommunications system	1967
19670076638	Demonstration data report	1967
19670076639	Combustion and combustion instability Letter report of progress, 1 Nov. 1966 - 14 Apr. 1967	1967
19670076640	Model study of ionosphere perturbations and propagation between two sites Quarterly report, 1 Jan. - 1 Apr. 1967	1967
19670076644	Effect of mass transfer on the wall shearing stress in laminar boundary layer flow, appendix A	1967
19670076645	General boundary layer investigations at hypersonic reentry conditions, appendix B	1967
19670076650	Solid state celestial scanner /U/ Final report	1967
19670076652	The application of seismometers to Arctic ASW - An analytical study /U/	1967
19670076653	Polarization detection sensitivity studies /U/ Quarterly report, 15 Sep. - 14 Dec. 1966	1967
19670076654	Evaluation of high-energy plasticizers /U/ Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670076655	High-pressure research toward high-energy propellants /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670076656	Integrated motor demonstration for a Forward Area Air Defense System /U/ Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670076657	Studies of stability problems in advanced propellants /U/ Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670076658	Force tests on the two stages of an aerospace plane configuration as the stages separated at Mach 3 /U/	1967
19670076659	Evaluation of an advanced non-regeneratively cooled rocket thrust chamber concept /U/ Final report, 1 Jun. 1965 - 30 Nov. 1966	1967
19670076660	Evaluation of the combustion of a light metal hydride gelled fuel with selected oxidizers /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670076662	Data structuring study for interference prediction analysis Final report	1967
19670076664	Hugoniot relationships in opaque media determined optically through the use of a transparent channel technique	1967
19670076665	Absolute standardisation with liquid scintillation counters	1967
19670076666	Re-entry F flight assurance test - Malta Pit number 1	1967
19670076667	Signature analysis - Electrical harness	1967
19670076668	Fracture in polycrystalline graphite	1967
19670076669	Junction reaction hardening by dislocation loops	1967
19670076670	The efficiency of semiconductor sandwich spectrometer in directional neutron fluxes	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076671	The Young's modulus of carbon and graphite artefacts	1967
19670076672	The use of a sonic spark chamber with a 180 deg double focussing magnetic spectrometer	1967
19670076673	Specimen transfer for an ultra high vacuum field ion microscope	1967
19670076675	Measurement of neutron intensity in space, electron densities in the ionosphere, and solar X-radiation Quarterly status reports, 1 Feb. 1967 - 31 Jul. 1967	1967
19670076677	Demonstration of a solid-propellant motor malfunction-detection and combustion termination system. Phase III - Malfunction prediction and control system demonstration Final report, Jul. 1966 - Apr. 1967	1967
19670076678	The effect of dose-rate and L.E.T. on the cis-trans isomerisation of butene-2 in liquid benzene solution	1967
19670076679	The electrical anisotropy of graphite	1967
19670076680	Zero-phonon transitions and vibrational structure	1967
19670076681	On the calculation of the amounts of fission, neutron capture, decay and other products, formed during neutron irradiation of fissile materials	1967
19670076683	A note on a similarity transformation for three-dimensional compressible laminar boundary layer equations	1967
19670076685	A metallographic technique for niobium-tin alloys	1967
19670076686	Phase relations between circadian activity periods and body temperature in man	1967
19670076687	New methods in deodorization	1967
19670076688	Some experiments on ultrasonic cavitation using a pulsed neutron source	1967
19670076689	The irradiation-induced macroscopic growth of alpha-Al ₂ O ₃ single crystals	1967
19670076690	The Snowball Crater. General background information	1967
19670076691	High voltage solar cell array segment Interim progress report, 1 Jan. - 31 Mar. 1967	1967
19670076692	Radar Images - San Francisco Volcanic Field, Arizona - a Preliminary Evaluation	1967
19670076693	Search for sputtered atoms by H ³ /d,n/He ⁴ neutrons that may contaminate a thermonuclear plasma	1967
19670076694	Quenching in liquid scintillators - A theoretical approach	1967
19670076695	The role of brown fat in the thermogenesis of animals and man Progress report, 1 Jan. - 30 Jun. 1967	1967
19670076696	Retention of simulated lunar landing mission skills - A test of pilot reliability	1967
19670076697	Research on high-temperature dielectric materials Summary technical report no. 2, 1 Nov. 1965 - 1 Nov. 1966	1967
19670076698	Thin insulating films	1967
19670076699	Structure analysis	1967
19670076700	Dielectric constant and loss measurements	1967
19670076701	The temperature-gradient tube technique for characterisation of released fission products	1967
19670076702	The thermal vibration amplitudes of carbon atoms in the graphite lattice parallel to the c-axis	1967
19670076703	The augmented hydrostatic extrusion of continuous bar	1967
19670076707	Measurements on underwater spark discharges	1967
19670076708	Criticality control attitudes in the United Kingdom	1967
19670076720	The response times of protective systems for nuclear and chemical plant	1967
19670076721	Depressurisation times for a gas-filled vessel with frictionless discharge through a breach	1967
19670076722	Counter pulse-height measurement as an aid in the identification of unknown constituents in electron-probe microanalysis	1967
19670076723	Fission cross section data files for ²³² Th, ²³³ U, ²³⁴ U, ²³⁵ U, ²³⁶ U, ²³⁸ U, ²³⁷ Np, ²³⁹ Pu, ²⁴¹ Pu and ²⁴² Pu in the energy range 1 keV to 14 MeV	1967
19670076725	Preliminary analysis of a cable retrieval technique for the tethered ATM workshop	1967
19670076731	A comparison of wake calculations	1967
19670076732	Computer calculations of laminar and turbulent wakes	1967
19670076733	A note concerning the numerical comparison of wake flow field computations	1967
19670076734	Pure air wake flow field computations	1967
19670076735	Wake flow field calculations for a controlled comparison among various computer codes	1967
19670076736	The laminar and turbulent wake behind a slender reentry vehicle	1967
19670076737	Some effect of a preaversive stimulus on avoidance behavior	1967
19670076739	The display of statistical data from nuclear counting experiments	1967
19670076740	A focusing X-ray telescope for use in the study of extraterrestrial X-ray sources in the energy range 20 keV-140 keV	1967
19670076742	The question of a nerve connection between retina and hypothalamus. Part I - Anatomic and experimental investigations on guinea pigs and cats	1967
19670076743	X-ray analysis of lunar materials Quarterly progress report, 15 May - 11 Aug. 1967	1967
19670076745	Generation of the second harmonic by random media - Critical opalescence in certain solid-solid phase changes	1967
19670076746	Development of improved semi-organic structural adhesives for elevated temperature applications Third summary report, 1 Jul. 1966 - 28 Feb. 1967	1967
19670076747	Water-jet ejectors for handling liquids	1967
19670076748	Experimental and analytical studies of plasma transport properties Semiannual progress report, Dec. 1, 1966 - May 31, 1967	1967
19670076749	A new method for computing the electrical conductivity of weakly ionized gases	1967
19670076750	Fifth and sixth approximations to the electron transport coefficients	1967
19670076751	The third approximation to the viscosity of multicomponent mixtures	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076752	The simple theory of noise in nuclear pulse amplifiers	1967
19670076753	Analysis of trace elements in air-borne particulates by neutron activation and gamma- ray spectrometry	1967
19670076754	Sound absorption studies of an anechoic treatment for noise termination chambers	1967
19670076755	Sea water softening by osmosis through desalinating membranes	1967
19670076756	The Snowball Crater profile and ejecta pattern	1967
19670076766	Electronic universal intervalometer	1967
19670076767	Hamilton electric watch movement - Event recorder	1967
19670076768	Low frequency - High accuracy timebase	1967
19670076774	Inductive setting mechanism for an electronic artillery fuze	1967
19670076775	Specified LSSM communications subsystem study	1967
19670076776	Apollo guidance, navigation and control System status report	1967
19670076780	Optimization of multistage three-dimensional boost trajectories, phase III Final presentation	1967
19670076781	Concerning the calculation of the natural frequencies of an unclosed circular ring of constant cross section which moves freely in its plane	1967
19670076784	Hydride morphology in Zircaloy-2 after corrosion in lithium hydroxide solutions at 300 deg C	1967
19670076785	Measurement systems operating guidelines Launch Complex 39	1967
19670076787	Total reflection of longwave X-radiation	1967
19670076788	An electron microscope investigation of the lamellar aluminium - Theta eutectic	1967
19670076789	Nuclear chemistry Progress report	1967
19670076790	The corrosion behaviour of a vented stainless- steel tube exposed to CO ₂ - 1 percent CO IN a nuclear reactor	1967
19670076791	Translations on French nuclear, missile, space, and related military developments, no. 99	1967
19670076792	Research on the initial factors of morphogenesis in anuran amphibia. Part V - Effects of gravity on the ovum of Rana fusca, maintained in abnormal position before formation of the gray crescent	1967
19670076795	Biosatellite program failure summary report	1967
19670076797	A multiprocessing structure	1967
19670076799	Translations on French nuclear, missile, space, and related military developments, no. 98	1967
19670076800	Translations on French nuclear, missile, space, and related military developments, no. 82	1967
19670076801	Translations on French nuclear, missile, space, and related military developments, no. 91	1967
19670076802	Translations on French nuclear, missile, space, and related military developments, no. 88	1967
19670076803	A study of thermal conductivity requirements Quarterly report, 13 Apr. - 30 Jun. 1967	1967
19670076804	Diode control research Quarterly technical progress report, 1 Dec. 1966 - 1 Mar. 1967	1967
19670076805	Degradation of thymidine by transformed lymphocytes	1967
19670076806	Translations on French nuclear, missile, space, and related military developments, no. 86	1967
19670076807	Preliminary AC-11 Atlas-Centaur flight evaluation /launched 7-14-67/	1967
19670076808	Autoradiographic localization of calcium-45 in the mucosa of the avian shell gland	1967
19670076809	Translations on French nuclear, missile, space, and related military developments, no. 85	1967
19670076810	Translations on French nuclear, missile, space, and related military developments, no. 93	1967
19670076811	Translations on French nuclear, missile, space, and related military developments, no. 83	1967
19670076813	Optical measurement of tube flares	1967
19670076814	Hydrolysis of PHBS by intracellular depolymerase of Hydrogenomonas H 16	1967
19670076816	Translations on French nuclear, missile, space, and related military developments, no. 92	1967
19670076817	Translations on French nuclear, missile, space, and related military developments, no. 90	1967
19670076818	Some properties of low altitude atmospheric turbulence at Cape Kennedy, Florida	1967
19670076819	Upper cut-off frequencies of common transistor circuits	1967
19670076820	Theoretical Calculation of Nuclear Spin-spin Coupling Parameters for Bonds of Hydrogen to D, Li, B, C, N, and F	1967
19670076822	A practical scanner unit for precision analysis of micrographs	1967
19670076823	Continuous scanning meteorological camera system for ATS Quarterly report, 22 Mar. - 22 Jun. 1966	1967
19670076824	Alkylation of activated aromatic compounds by cyclopropenylum salts	1967
19670076825	Coordinated Science Laboratory Progress report, Sep. 1966 - Feb. 1967	1967
19670076826	Surface physics	1967
19670076827	Applied physics	1967
19670076828	Plasma physics	1967
19670076829	Rarefied gas dynamics	1967
19670076830	High-voltage breakdown	1967
19670076831	Space sciences	1967
19670076832	Plato	1967
19670076833	Computer	1967
19670076834	Plasma display	1967
19670076835	Infrared converter	1967
19670076836	Information science	1967
19670076837	Networks	1967
19670076838	Control systems	1967
19670076839	Switching systems	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670076840	Semiconductor physics	1967
19670076843	Electromagnetic shielding effectiveness tests on selected materials applied over metal- plastic interfaces	1967
19670076844	A phalanx flame model for the combustion of composite solid propellants	1967
19670076862	Study of intermediary metabolic processes in Hydrogenomonas facilis Progress report, 1 Dec. 1966 - 1 Jun. 1967	1967
19670076863	NASA/USAF liquid propellant blast hazards program. Project PYRO Quarterly progress report, 16 Dec. 1966 - 21 Jan. 1967	1967
19670076864	Separation of gas mixtures in free jets	1967
19670076903	Applicability of inertialess scanning techniques to the design of surveillance radar antennas Quarterly report, 1 Aug. - 31 Oct. 1966	1967
19670076904	Simple arrangement for the analysis of geometric data of beams of charged particles	1967
19670076905	Research in electrohydrodynamics and traveling-wave electromechanical energy conversion Semiannual report, 1 Feb. - 31 Jul. 1967	1967
19670076906	A study of phycophysiology in controlled environments Semiannual status report, 1 Oct. 1966 - 1 Apr. 1967	1967
19670076907	Recent achievements in the synthesis and investigation of heat resistant polymers, part I	1967
19670076910	The application of failure analysis in procuring and screening of integrated circuits	1967
19670076911	Calcination of microporous BeO powders	1967
19670076912	Mean rate analysis of multichannel nuclear data	1967
19670076913	Stability and control flight testing - Some of the test instrumentation requirements	1967
19670076918	Inviscid shear flow near the trailing edge of an aerofoil	1967
19670076920	Man-machine simulations for the Apollo navigation, guidance and control system	1967
19670076924	Informal proceedings of the reentry plasma turbulence meeting at the Institute for Defense Analyses, November 29-30, 1966, part A	1967
19670076925	Approximate modeling of turbulent wakes - A survey	1967
19670076926	Chemical reactions in fluctuating random media	1967
19670076927	Species fluctuations in reentry wake turbulence	1967
19670076928	Cascade theory of plasma turbulence	1967
19670076929	Present diagnostic methods in gun ranges for study of turbulence in wakes	1967
19670076930	Measuring techniques and experiments in turbulent plasmas	1967
19670076931	Microwave scattering from a weakly ionized turbulent plasma	1967
19670076932	Experiments in weakly ionized turbulent plasma	1967
19670076933	Experiments in weakly ionized turbulent flames	1967
19670076934	Electron beam and electrostatic probe techniques in the study of turbulence	1967
19670076935	Measurements of turbulent velocity and temperature fluctuations in the wake of a sphere	1967
19670076936	Introduction to radar scattering from turbulent medium	1967
19670076937	Review of theoretical methods for scattering from overdense turbulent surfaces	1967
19670076938	Present state of theory of radar scattering from underdense turbulent wakes	1967
19670076939	Developments in the theory of scattering from plasma	1967
19670076940	Study of microwave scattering from a perturbed plasma	1967
19670076941	Simulation of radar scattering from inhomogeneous turbulent wakes. I. Rectangular profile, exponential probability density in plane parallel slab	1967
19670076944	A thermal analysis of the lunar module propulsion systems Final report	1967
19670076946	An experimental determination of the stresses around a reinforcing fibre	1967
19670076956	Apollo guidance, navigation and control system gyro reliability	1967
19670076959	Use of mass spectrometry in chemical analysis	1967
19670076960	On mortality and morbidity. Anthropological- statistical investigations	1967
19670076961	Magnetic interactions of gyros Final technical report	1967
19670076962	Attempt at in vivo synchronization of the DNA SYNTHESIS of human malignant cells with 5-fluoro-uracil. Autohistoradiographic study	1967
19670076963	Saturn switch selector phase V completion report	1967
19670076965	Protozoan response to "null" magnetic fields Technical quarterly report, 1 Feb. - 30 Apr. 1967	1967
19670076969	Manned spacecraft cost-estimating relationships	1967
19670076970	Study of system parameters of a frequency- doubling laser device using Nd-YAG and LiNbO3 Final report, 1 Jul. 1966 - 1 Jan. 1967	1967
19670076971	Interdisciplinary studies of the effects of the space environment on biological systems Semiannual status report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670076972	Timing of sonoluminescence flash	1967
19670076973	Propulsion technology	1967
19670076977	The surface potential of nitrogen on uranium and on thorium	1967
19670076978	The operational reliability of A. E. A. Magnox reactors	1967
19670076979	Computer calculations for vacancies in alkali-halides with NaCl structure	1967
19670076980	Continuous scanning meteorological camera system for ATS Quarterly report, Sep. 22 - Dec. 22, 1966	1967
19670076982	The impact of the flight specifications on semiconductor failure rates	1967
19670077001	Space environment operation of experimental hydrazine reactors Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077002	Development of a preamplifier-demodulator circuit Final report	1967
19670077003	Thermal bowing of fuel elements supported at several axial positions	1967
19670077004	LM/AGS operating manual	1967
19670077005	Calibration procedures brush recorder mark 200 Launch Complex 39	1967
19670077006	Application of transfer matrices to cylindrical shells	1967
19670077007	Determination of the casualty probability in range safety applications	1967
19670077008	The need for accurate thrust measurements in flight	1967
19670077011	Structural beryllium and the beryllium industry Progress report	1967
19670077012	Gyro reliability - Achieved through proper design and effective performance monitoring	1967
19670077013	The role of meteoritic dust in the terrestrial atmosphere	1967
19670077015	Early lunar shelter design and comparison study. Volume 1 - Summary, part I Final report	1967
19670077016	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report no. 3, 1 Jan. - 31 Mar. 1967	1967
19670077017	The Electrical and Thermal Conductivities of a Fully-Ionized Gas	1967
19670077019	Experimental satellite investigation of the ionosphere Final engineering report, Jul. 1964 - Nov. 1966	1967
19670077021	Pressure testing of AFRM-017 service propulsion system fuel tank utilizing Aerojet-General Corporation's Stress Wave Analysis Technique /SWAT/ Final test report	1967
19670077022	Translations on French nuclear, missile, space, and related military developments, no. 78	1967
19670077023	Recording on magnetic tape and its application in the French space program	1967
19670077024	Latest news on French space program	1967
19670077027	Retrievable Mars probe definition	1967
19670077029	The heat pipe and the thermosiphon for the cooling of gas turbine blades	1967
19670077030	Contribution to the design of lift-engine intakes	1967
19670077031	The transport of molten metals by means of electromagnetic pumps	1967
19670077032	A new aspect of large-scale integration	1967
19670077033	Translations on French nuclear, missile, space, and related military developments, no. 108	1967
19670077034	Perfection of the first stage of Diamant	1967
19670077035	Solution of some problems posed by the construction of solid-fuel engines of 800mm diameter	1967
19670077036	Roland, Nord-Boelkow's ground-to-air system	1967
19670077037	Thomson-Brandt series of trajectographic radars	1967
19670077038	Investigation of an elastic axial impact of a circular cylindrical shell	1967
19670077039	The preparation of steroid glucosides	1967
19670077040	Translations on French nuclear, missile, space, and related military developments, no. 109 - Contribution to the study of the combustion of aluminum particle	1967
19670077041	Translations on French nuclear, missile, space, and related military developments, no. 76	1967
19670077042	The super-Diamants	1967
19670077043	Factors determining beta in a theta pinch experiment	1967
19670077044	Separation of the effect of fast neutrons and gamma radiation on the radiolysis of water	1967
19670077045	Research, development, and experimental work in application of white anodize to aluminum alloy surfaces Final report, Jan. 1966 - Jun. 1967	1967
19670077046	Translations on French nuclear, missile, space, and related military developments, no. 101	1967
19670077047	Basic ballistic studies	1967
19670077048	The Saphir test vehicle	1967
19670077049	Nineteen hundred eighty - The aerospace transport	1967
19670077050	Current events in space - Diademe I and Diademe II	1967
19670077051	Research in aeronomy Progress report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670077054	Electric charge on Apollo command and service module in lunar environment Final report	1967
19670077056	SDS radar - A surveillance radar for the detection of moving objects on the ground and its extension to low flying aircraft	1967
19670077057	Calibration procedures. Strip chart recorder Westronics model D6C. Launch Complex 39	1967
19670077058	First article configuration, inspection. Documentation control and milestone schedules. Launch Complex 37	1967
19670077060	Cellular hypersensitivity and humoral antibodies in anti-tissue immunities /auto- immunity and transplantation immunity/	1967
19670077061	Sequential study of P32-labeled viral nucleic acid	1967
19670077063	Propulsion technology	1967
19670077065	Meteor research program Bimonthly progress report, 1 Apr. - 31 May 1967	1967
19670077066	A study of the effects of hydrostatic pressure on macromolecular synthesis and thymineless death in Escherichia coli, and of the compressions of some solutions of biological molecules	1967
19670077068	S.E.R.L. Technical Journal	1967
19670077069	Apollo service module reaction control system engine modification for Moog valve Final report	1967
19670077070	Translations on French nuclear, missile, space, and related military developments, no. 81	1967
19670077071	French Saros-II satellite project could lead to a regional communications network	1967
19670077072	A study of the chemosynthetic gas exchanger. Quarterly progress report, 15 Mar. - 14 Jun. 1967	1967
19670077073	Translations on French nuclear, missile, space, and related military developments, no. 80	1967
19670077074	The Guiana Space Center	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077075	French build rocket control system and conduct test firings	1967
19670077076	Review of past and future test launchings of French Cora and Coralie rockets	1967
19670077077	Transactions of the Twelfth Conference of Army Mathematicians	1967
19670077078	The short single edge crack specimen with linearly varying end displacements	1967
19670077079	Transition solutions for axisymmetric shell vibrations	1967
19670077080	A time distribution model for predicting casualties	1967
19670077081	Data fitting by spline functions	1967
19670077082	A theorem on decision boundaries	1967
19670077083	Upon a conjecture concerning a method for solving linear equations, and certain other matters	1967
19670077084	Structurally Hurwitzian polynomials	1967
19670077085	Electromagnetic fields inside a thin spherical shell with conducting walls	1967
19670077086	Parametric representation of non-steady one- dimensional flows	1967
19670077087	Some results in combinatorial analysis	1967
19670077088	Group theoretic techniques for the similarity solution of systems of partial differential equations with auxiliary conditions	1967
19670077089	Designing reticles for imaging systems by use of linear algebra	1967
19670077090	Sufficient conditions for finite channels	1967
19670077091	Position from angle measurements	1967
19670077092	Elementary derivation of the secular perturbations of an orbit	1967
19670077093	Restrains and Lagrangian multipliers in some tracking systems orientation problems	1967
19670077094	Canonical forms of general second-order tensors	1967
19670077095	Buckling of microfibers	1967
19670077096	Thermal stresses near a needle shaped crack formed by imperfection of bond between embedded microfiber and the matrix	1967
19670077097	A Floquet theorem for real nonlinear systems	1967
19670077098	A generalized predictor-corrector method for the solution of systems of ordinary differential equations	1967
19670077099	A theory of the compressive stage of hypervelocity launchers and gun tunnels	1967
19670077100	Quantum field theory of lattice vibrations in the harmonic approximation	1967
19670077101	Information theory and probability theory	1967
19670077104	Project Spin /precision cryogenic gyro/ Final report	1967
19670077106	Design study to adapt RETEC oval face mask /P/N 644/ to application in astronaut respiratory function and metabolic tests Final report	1967
19670077107	Beta-/hydroxy-phenyl/-ethyl amines and their transformations. V - Condensation of hydroxy-phenyl-ethyl amines with alpha-ketonic acids	1967
19670077108	The separate determination of the tocopherols	1967
19670077117	Calibration procedures. B and F signal conditioning system, Launch Complex 39	1967
19670077119	An experimental investigation of the effects of low pressures on cellular ultrastructure and cytochemistry in plants Semiannual progress report, 1 Oct. 1966 - 1 Apr. 1967	1967
19670077120	Final report on additional services	1967
19670077121	Low-altitude, high speed visual acquisition of tactical and strategic ground targets. Part VII - Laboratory study of the effects of groundspeed and crew configuration on the visual acquisition of tactical military targets	1967
19670077122	Radioisotopic power generators in the USSR	1967
19670077125	Stability of compressible flow over a flat plate	1967
19670077126	Numerical solution of the complete three- dimensional stability equations of the compressible boundary layer on a flat plate	1967
19670077127	Study of rectangular-guide-like structures for millimeter wave transmission Progress report, 1 Jan. - 30 Jun. 1967	1967
19670077128	X-22A tri-service V/STOL aircraft Monthly progress report, 1-28 Feb. 1967	1967
19670077130	NFPA-acrylic acid copolymerization characteristics and process development /U/	1967
19670077131	LMH-1/hydrazine heterogeneous propellant development /U/ Quarterly progress report, 1 Feb. - 30 Apr. 1967	1967
19670077132	Air-augmented rockets - A survey of the literature /U/ Final report	1967
19670077133	Foam ceramic nozzle inserts /U/ Final report, 1 Dec. 1965 - 13 Feb. 1967	1967
19670077134	The effects of FAX blast on behavior maintained by a multiple avoidance schedule /U/	1967
19670077135	Investigation of the thermodynamic properties and the decomposition kinetics of propellant ingredients /U/ Final report, 1 Jan. - 31 Dec. 1966	1967
19670077136	Investigation of the thermodynamic properties of propellant ingredients and the burning mechanisms of propellants /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670077137	Research on a bioelectrochemical detection system /U/ Final report, May 1965 - Jan. 1967	1967
19670077138	Development of emergency lubrication capability for CH-47A transmissions /U/ Final report, Sep. - Nov. 1966	1967
19670077139	Propulsion technology	1967
19670077140	Microwave diode research Interim report, 10 Mar. - 9 Sep. 1966	1967
19670077141	Eptaxial silicon IMPATT oscillators	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077142	Large-signal characterization of IMPATT DIODES	1967
19670077143	Improved performance of IMPATT diodes fabricated from germanium	1967
19670077144	The observing response in a cued psychophysical task	1967
19670077145	The verbal mode of expression	1967
19670077146	The management of research and development - Selected references	1967
19670077147	R.R.E. newsletter and research review, number 5	1967
19670077149	Relationship of biochemical activity to environmental adaptation and developmental changes on Ascaris Final report, 1 Jul. 1963 - 30 Jun. 1967	1967
19670077150	Effects of radiation on gastro-intestinal function and relationships to circadian rhythmicity Semiannual status report	1967
19670077151	VA-899 superpower microwave amplifier development program /U/ Quarterly report, 1 Jul. - 30 Sep. 1966	1967
19670077152	VA-899 superpower microwave amplifier development program /U/ Quarterly report, 1 Oct - 31 Dec. 1966	1967
19670077153	Smokeless high energy propellants /U/	1967
19670077154	Performance and operating characteristics of the Aerojet-General Corporation single-chamber controllable solid-propellant rocket motor at simulated altitude /U/	1967
19670077155	Monostatic synthetic aperture radar /U/ Final report	1967
19670077156	Prototype CL-901 performance evaluation /U/	1967
19670077157	Combustion efficiency study of high-energy propellants /U/ Quarterly progress report, Jan. - Mar. 1967	1967
19670077160	Energetic binder production /U/ Final technical report, 1 Mar. 1966 - 28 Feb. 1967	1967
19670077161	Translations on French nuclear, missile, space, and related military developments, no. 107	1967
19670077162	Measurement system of the Saphir rocket	1967
19670077163	First summary of French space biology experiments	1967
19670077164	Translations on French nuclear, missile, space, and related military developments, no. 89	1967
19670077165	Geodetic measurements by laser beam	1967
19670077166	Rundown on Diamant and Diapason	1967
19670077167	Translations on French nuclear, missile, space, and related military developments, no. 103	1967
19670077168	Hypersonic reentry problems and the Thesa nose cone tests	1967
19670077169	Review of French position and plans in space activity	1967
19670077170	Research in chemistry, January-March 1967 /U/ Quarterly progress report	1967
19670077172	A history of the aerodynamic development of the Walleye weapon /U/ Technical report, 1959 - 1966	1967
19670077174	Hybrid propulsion system for an advanced rocket-powered target missile /U/ Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670077175	Evaluation - Lightweight microwave terminal /U/ Final report, 15 Feb. - 15 Apr. 1967	1967
19670077178	Data transmission and display subsystem /DATRADS/ specifications /U/	1967
19670077179	Fundamental research on the direct fluorination of organic compounds /U/ Final technical report, 1 Sep. 1962 - 30 May 1967	1967
19670077180	Translations on French nuclear, missile, space, and related military developments, no. 77	1967
19670077181	The French-Soviet satellite	1967
19670077182	Cora - First launching successful	1967
19670077183	New radar and cinetheodolite described	1967
19670077184	Translations on French nuclear, missile, space, and related military developments, no. 87	1967
19670077185	Overviews of the French space programs	1967
19670077186	Translations on French nuclear, missile, space, and related military developments, no. 110	1967
19670077187	Report on Rome Conference on European Space Telecommunications Cooperation	1967
19670077188	Behavioral research and experimental analysis of complex behavioral repertoires under full environmental control Semiannual status report, 1 Feb. - 31 Jul. 1967	1967
19670077189	Multi-animal environments - Concurrent performances supported by food and opportunity to enter the social area Final report, Mar. - 15 Jun. 1967	1967
19670077191	Translations on French nuclear, missile, space, and related military developments, no 94	1967
19670077192	Translations on French nuclear, missile, space, and related military developments, no. 95	1967
19670077193	The Diademe satellites D-1C and D-1D	1967
19670077194	Four stages of Diamant	1967
19670077197	The development of the microbalance since 1886	1967
19670077200	Organic electrolyte batteries conference papers	1967
19670077202	USAF efforts in the organic electrolyte battery area	1967
19670077203	Research on organic electrolyte batteries sponsored by the Army	1967
19670077204	The Navy and organic batteries	1967
19670077208	Hand-held night vision binocular /U/ Interim report	1967
19670077209	Combat vehicle far-infrared target indicator /U/ Interim report	1967
19670077210	Optimizing the packing of ammonium perchlorate and aluminum particle size mixtures for solid propellants /U/	1967
19670077214	Detection of underwater acoustic noise sources on hydrofoil and hydroplane boats /U/ Research and development report, Sep. 1963 and Dec. 1966 - Jan. 1967	1967
19670077215	Digital display subsystem for operational control centers /U/ Research and development report, Jan. 1965 - Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077216	Airborne target recognition /U/ Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670077217	Malfunction investigation of Mark 244 Mod O /SGU 1-A igniter /U/	1967
19670077218	High precision current source for an inertial system - Basic dc measurement technique	1967
19670077219	Pathogenesis and therapy of air embolism in terms of the problem of treatment in overpressure	1967
19670077220	Studies on the thermosensitivity of tumor and normal cells in vitro	1967
19670077221	Interagency Chemical Rocket Propulsion Group. Mechanical Behavior Working Group, 5th meeting, volume III	1967
19670077225	Translations on French nuclear, missile, space, and related military developments, no. 84	1967
19670077226	D-1C and D-1D geodetic satellites	1967
19670077227	Geodetic experiments to be performed by French satellites outlined	1967
19670077228	The perception of duration	1967
19670077229	Optical sources /infrared efficiency of gas discharges /U/ Triannual progress report, 1 Nov. 1966 - 28 Feb. 1967	1967
19670077230	Augmented thrust propulsion supported by Naval Ordnance Systems Command /U/ Quarterly report, Jan. - Mar. 1967	1967
19670077231	Exploratory development for missile propulsion supported by Naval Ordnance Systems Command /U/ Quarterly progress report, Jan. 1 - Mar. 31, 1967	1967
19670077232	Aeronautics Division Research and Development /U/ Quarterly Progress Report, Jan. 1 - Mar. 31, 1967	1967
19670077233	Synthesis of energetic oxidizers /U/ Quarterly technical progress report, Feb. 1 - Apr. 30, 1967	1967
19670077234	Air-to-ground ranging using phase interferometer radar techniques /U/ Final report	1967
19670077236	Informal proceedings of the Reentry Plasma Turbulence Meeting at the Institute for Defense Analyses, November 29-30, 1966 /U/, part B	1967
19670077237	Experimental studies of the interior ballistics of spinning rocket motors /U/ Literature survey	1967
19670077238	UHF airborne terminal techniques /U/ Quarterly report, Jan. 15 - Apr. 15, 1967	1967
19670077239	Advanced theoretical and experimental studies in automatic control and information systems Semiannual status report, 1 Jan. - 30 Jun. 1967	1967
19670077241	Simulated altitude performance of an air- augmented solid-propellant rocket propulsion system. Phase II - Part I - Subsonic, free-jet performance /U/	1967
19670077245	Automatic chamber pressure control system for the dual-chamber solid controllable rocket motor /U/	1967
19670077246	Advanced experimental techniques for study of hypervelocity flight, volume 3 /U/	1967
19670077247	Experimental and theoretical gasdynamic and electrical performance of a 400 KW MHD ACCELERATOR /U/	1967
19670077248	Research on magnetohydrodynamic augmentation of a shock tube/tunnel /U/	1967
19670077251	Trimode critical experiments /U/ Final technical report	1967
19670077252	IRIA annotated bibliography of infrared literature /U/ Volume XI, number 1	1967
19670077253	Simulated space start investigation of the integrated lunar module descent stage throtttable engine and engine compartment Technical report, 19 Jul. - 10 Dec. 1966	1967
19670077254	Light weight tracking pedestal program /U/ Final report	1967
19670077255	Research and Development Programs /U/ Quarterly Report, Jan. - Mar. 1967	1967
19670077258	Integrated motor, feasibility demonstration /zoning of solid propellant motors by selectable impulse/ /U/ Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670077260	Translations on French nuclear, missile, space, and related military developments, no. 106	1967
19670077261	French use of ionospheric disturbance to measure and detect nuclear explosions	1967
19670077266	NAFI manufacturing engineering process instructions for fabrication of thin-film circuits	1967
19670077268	Investigation of the utilization of the point matching technique for the solution of various boundary value problems Final technical report, Mar. 1965 - Jul. 1966	1967
19670077269	Analysis of transportation systems for space station logistics	1967
19670077270	Propulsion System Dynamic Tests Results /U/	1967
19670077271	Propulsion system dynamic simulation data /U/	1967
19670077280	Research and development toward a castable, temperature resistant plastic bonded explosive /U/ Quarterly report	1967
19670077281	Evaluating spacing codes for MTI radar /U/	1967
19670077282	High power VHF tube development program /U/ Technical progress report, 9 Nov. - 31 Mar. 1967	1967
19670077287	Exhaust plume reflectivity study /U/ Quarterly report, 15 Oct. 1966 - 15 Jan. 1967	1967
19670077288	Propulsion optimization study /U/ Final report, 30 Jun. 1965 - 30 Dec. 1966	1967
19670077289	Spurious output reduction in magnetrons and TM01 study /U/ Interim development report, 1 Jan. - 31 Mar. 1967	1967
19670077294	Cosmic-ray investigations utilizing an emulsion chamber-calorimeter combination Semiannual status report, 1 Jan. - 30 Jun. 1967	1967
19670077301	The V-/Cr-Ti-/Si coating for columbium- base alloys	1967
19670077305	Hot bend ductility of columbium base alloys	1967
19670077306	Evaluation of Durak KA coated columbium alloys	1967
19670077307	Low-temperature ductility and strength of thermochemically deposited tungsten and effects of heat treatment	1967
19670077310	Current status of high temperature protective coatings for tantalum	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077314	Development of oxidation resistant coatings for Ta-10W for use above 3500 deg F	1967
19670077315	Electrophoretic coatings for tantalum alloys	1967
19670077316	Mechanical properties of columbium and tantalum alloy fasteners	1967
19670077331	Two engineering approaches for reducing the strength variability of ceramics	1967
19670077341	Fabrication of metal matrix composites	1967
19670077373	Translations on French nuclear, missile, space, and related military developments, no. 100	1967
19670077374	The French network for optical observation of satellites	1967
19670077375	French experiments with sounding rockets	1967
19670077376	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen Quarterly progress report, period ending 30 Jun. 1967	1967
19670077377	Condensation of tryptamine with alpha-ketonic acids, alpha-ketodicarboxylic acids and alpha alpha-diketocarboxylic acids	1967
19670077378	Consistency, change, and type of determination and differentiation in cells from male genital blastemata of Drosophila melanogaster after long culture in vivo	1967
19670077379	Nitroso rubber expulsion bladders for nitrogen tetroxide application Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670077380	Translations on French nuclear, missile, space, and related military developments, no. 75	1967
19670077381	French National Center of Space Studies issues annual report	1967
19670077382	Translations on French nuclear, missile, space, and related military developments, no. 104	1967
19670077383	Automatic pilot system of Saphir	1967
19670077384	Inertial guidance of a ballistic missile	1967
19670077385	Guidance system of Saphir G	1967
19670077386	Apollo missions and navigation systems characteristics	1967
19670077392	Translations on French nuclear, missile, space, and related military developments, no. 3	1967
19670077393	After the Space Conference at Rome - French writer questions adequacy of programs	1967
19670077394	Forthcoming experiments of CNES with the devices Cassiopee and Persee	1967
19670077395	Thermal problems of hypersonic reentries	1967
19670077396	The physiology of prolonged oligemic hypotension Progress report, 1 Jun. 1966 - 30 Apr. 1967	1967
19670077422	On the plasticity theory of drawing	1967
19670077423	Measurement of the diffraction correction of the Gulton model P420M-6 microphone Final report, May - Sep. 1966	1967
19670077424	Improved ceramic substrate for thin film microassemblies Quarterly progress report, 28 Dec. 1966 - 29 Mar. 1967	1967
19670077425	Development of a flexible fiber optics borescope for nondestructive inspection of boiler tubing Final report	1967
19670077426	Multiple scattering and the method of Rylov	1967
19670077427	Development of end fittings for beryllium structural tubing Final report	1967
19670077429	Review of ammonia battery systems and ammonia electrolytes Literature survey, 1 Jun. 1966 - 9 Jun. 1967	1967
19670077430	Test of zinc inorganic coatings on work areas of a floating drydock - Results of 25th-month inspection Technical report, Jun. 1964 - Jul. 1966	1967
19670077431	Experimental investigation of automated techniques for studying sequential learning and memory Status report, 1 Jan. 1966 - 30 Jun. 1967	1967
19670077432	Digital computer CP-827 /XN-1//SRN-9 JAN. - Nov. 1966	1967
19670077433	Fatigue strength design and analysis of aircraft structures. Part II - Fatigue life analysis computer program - User's manual Final report, Dec. 1965 - Sep. 1966	1967
19670077436	Effect of processing variables on the structure and properties of refractory metals Final report, 1 Jul. 1965 - 31 Mar. 1967	1967
19670077437	Electronic structure of solids Progress report, 1 Jan - 30 Jun. 1967	1967
19670077438	Optimization of multistage three-dimensional boost trajectories BOP-03. Part II - Computer program-logic Final report	1967
19670077439	National Space Telescope Observatory at the National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland Preliminary engineering report, fiscal year 1969	1967
19670077441	Dynamic differential calorimetry as a quantitative technique Research report, Jan. - Nov. 1966	1967
19670077442	Study of helicopter gear lubrication Quarterly progress report, Dec. 1966 - Feb. 1967	1967
19670077443	Design, fabrication, and ground testing of the F-4 beryllium rudder Final report, Jun. 1965 - Jan. 1967	1967
19670077444	Evaluation of experimental techniques for simulating shock-on-shock interaction in a developmental ground test facility Final report, 15 Apr. 1966 - 15 Mar. 1967	1967
19670077445	Research and development of localized defects and hot spots in high voltage pnpn inverter 1 Mar. - 1 Jun. 1967	1967
19670077446	Criteria for systems trade offs. Volume I - Summary Final report	1967
19670077447	Bulk effect oscillators for frequency control Quarterly report, 1 Jul. - 30 Sep. 1966	1967
19670077448	Performance evaluation of 35-foot diameter extended skirt maneuverable personnel parachute canopy assembly with "TU" orifice Final report	1967
19670077449	Atmospheric aerosols between 700 and 3000 m above sea level. A study of the effects of atmospheric fine structure characteristics on the vertical distribution of aerosols Final technical report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077450	Human engineering aspects of control design for pressure suited operators Final report, 22 Jul. 1965 - 22 Jan. 1967	1967
19670077451	Three hundred deg C semiconductor for power devices Interim technical report, 1 Jan. - 31 Mar. 1967	1967
19670077452	Gridded amplifier tubes for pulsed C-band frequencies Quarterly report, 15 Dec. 1966 - 14 Mar. 1967	1967
19670077453	YAG laser development Interim technical report, 1 Jan. - 1 May 1967	1967
19670077454	Mechanism of water coalescers - Studies of coalescence in a full scale single element system Phase II report, May - Nov. 1966	1967
19670077455	The argus eyes of our times	1967
19670077456	Infrared-to-visible conversion in luminescent crystals and diffused layers Quarterly progress report, 1 Feb. - 30 Apr. 1967	1967
19670077457	Optimization of Multistage Three-dimensional Boost Trajectories BOP-03. Part I - Program Formulation	1967
19670077458	Determination of body composition in vivo. Applications of the direct photon absorption technique for measuring bone mineral content, in vivo Progress report, 15 Jul. 1966 - 15 Jul. 1967	1967
19670077459	Primate hemodynamics and metabolism in an orbiting satellite Semiannual status report, 1 Aug. 1966 - 31 Jan. 1967	1967
19670077460	Two Mw S-band pulsed coaxial magnetron Interim development report, 31 Jan. - 30 Apr. 1967	1967
19670077461	Floor accelerations and passenger injuries in transport aircraft accidents Final technical report	1967
19670077462	Optical studies of the adiabatic combustion of solid propellants	1967
19670077463	An analog malfunction detector	1967
19670077469	Control of forced vibration in machine tool/ metal cutting systems Final report, 1 Jun. 1965 - 31 Dec. 1966	1967
19670077470	Shock response of filled plastics	1967
19670077471	A theoretical study of the effect of convection on the ignition of single aerosol droplets	1967
19670077472	Forming techniques applicable to the production of S-11 stage skin panels from 2014 aluminum alloy	1967
19670077473	VIP data analysis and wake research. Some electron beam measurements in laminar near wake containing a simulated instrumentation boom	1967
19670077474	Initial radiation spectra definition Final report, 22 Nov. 1965 - 30 Jun. 1967	1967
19670077475	Low endurance fatigue properties of thick- walled cylinders with high diameter ratios	1967
19670077476	Aerobee NRL/ND 3.173 /9 June 1967/ Meteorological data report	1967
19670077477	Early lunar shelter design and comparison study, volume 1 - Summary /part 2/. Book 2 - Technical summary Final report	1967
19670077478	Study of airborne millimeter radar techniques Quarterly report, 21 Oct. 1966 - 21 Jan. 1967	1967
19670077479	Aspects of cumulative damage in fatigue design Summary report, 1 Jan. - 31 Dec. 1966	1967
19670077480	A study of the decomposition mechanism of ammonium perchlorate Final report, 1 Jun. 1965 - 30 Jun. 1967	1967
19670077481	Microminiature crystal unit type CR-/XM-47//U PRODUCTION engineering measure Quarterly progress report, 27 Nov. 1966 - 27 Feb. 1967	1967
19670077482	Neutron cross-sections of Pu 239 in the energy range 1.OE-10 MeV to 15.0 MeV	1967
19670077483	Investigations of broadband ferromagnetic power limiters and expanders as duplexing elements for microwave systems Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670077484	Transistor, VHF, silicon, power Final report, 1 May - 31 Oct. 1966	1967
19670077485	Evaluation of low-cost materials and manufacturing processes for large solid rocket nozzles - Analysis of performance, nozzle Test report	1967
19670077486	Development of a manufacturing process for small diameter bar and extruded shapes of TD NICKEL-CHROMIUM Interim engineering progress report, 1 Jan. - 1 Jun. 1967	1967
19670077487	Criteria for systems trade offs. Volume III - Systems B studies Final report	1967
19670077488	Structural response of spine vehicles. Volume II - Simulation of transient surface loads by explosive blast waves Technical report, 4 Dec. 1965 - 15 Sep. 1966	1967
19670077489	Effects of drugs on human performance - Comparison of undrugged subjects as a function of medical/psychiatric classification	1967
19670077490	Evaluation of gasketing tapes for waterproofing structural-plate joints and seams Final report	1967
19670077491	Pressure and normal-force distributions on Tomahawk and Sandhawk models at Mach numbers 6 and 8	1967
19670077492	Development of improved potting and encapsulating compounds for space applications Annual summary report, 17 Jun. 1966 - 16 Jun. 1967	1967
19670077493	Wave propagation in a specially monoclinic cylinder	1967
19670077494	A critical survey of characterization of particulate ceramic raw materials Final technical report, Jun. 1965 - May 1967	1967
19670077495	Free carrier microwave semiconductor devices Final report, 15 Jan. 1966 - 14 Jan. 1967	1967
19670077496	Atomic scattering theory Semiannual status report	1967
19670077497	Chronic acceleration studies - Physiological responses to artificial alterations in weight Progress report	1967
19670077498	Physiological ecology of cryophilic algae Semiannual progress report, 1 Apr. 1966 - 1 Aug. 1967	1967
19670077499	An investigation of skeletal response to immobilization Semiannual progress report, 1 Jan. - 1 Jul. 1967	1967
19670077500	Electronic energy band structures of GaAs and GaP. Part I - Calculations for gamma 1 symmetry in GaAs	1967
19670077501	Qualification testing of MIL-L-23699A TURBOPROP and turboshaft engine candidate oil, Drew Chemical Corporation formulation STO-21919 Final report, Mar. - Apr. 1967	1967
19670077503	Computed activation energies and rate constants for forward and reverse transfers of hydrogen atoms	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077507	Refraction and reflection of a /light-/ wave bounded on the side at the plane interface of two media near the angle of total reflection	1967
19670077508	The spectra and photochemistry of inorganic anions Final technical report, Dec. 1965 - Nov. 1966	1967
19670077509	Production engineering measure to improve production techniques and increase the reliability of the SCL7004/21 and SCL7004/22 TRANSISTORS Progress report, 1 Dec. 1966 - 31 Mar. 1967	1967
19670077511	Research and development of a ruggedized planar ceramic triode Quarterly progress report, 1 Sep. - 31 Dec. 1966	1967
19670077512	Superconducting quantum interferometer Final technical report, 1 Jul. 1966 - 1 May 1967	1967
19670077513	Broadband absorbers - Theory, materials, measurements Final scientific report	1967
19670077514	A complete analysis of the reflection and transmission methods for measuring the complex permeability and permittivity of materials at microwaves	1967
19670077515	Theory of scattering from wedge-tapered absorbers	1967
19670077516	Summary of the work performed under the period 1 February 1962 - 31 January 1967	1967
19670077517	Aluminaut magnetometer operations, St. Croix, Virgin Islands, 1966	1967
19670077518	High-strength Trevira fabric	1967
19670077519	German rocket propulsion research at DFL - Trauen	1967
19670077520	The ASEE-University of Maryland- Catholic University-NASA summer faculty fellowship program Final report, 13 Jun. - 19 Aug. 1966	1967
19670077521	Orbital guidance and rendezvous using perturbation method	1967
19670077522	Calculation of signal margins for the CSM UNIFIED S-band downlink channel Apollo AS-202 to aircraft NASA 432	1967
19670077523	Encoding and identification of ionograms	1967
19670077524	Command receiver probability of error analysis for range-range rate command system	1967
19670077525	A study of spatial fluid light modulators	1967
19670077526	A study of interference patterns between coherent plane and spherical waves	1967
19670077527	Master spin dynamics	1967
19670077528	Propagation of electromagnetic waves through a plasma	1967
19670077529	Improving the accuracy of satellite tracing antennas	1967
19670077530	Kalman-Bucy filter for optimum radio-inertial navigation	1967
19670077531	Ultimate tracking accuracy of the 85-foot parabolic antenna at Rosman, North Carolina	1967
19670077532	Some plate studies associated with the reflector dynamics of the Rosman I antenna	1967
19670077533	Analysis of experimental data on the Rosman I antenna system by correlation techniques	1967
19670077534	Some multiple measurement consideration in antenna control augmentation	1967
19670077535	Further design studies related to a control system for precise optical tracking	1967
19670077536	Mimic simulation of pulse frequency modulation analog processor	1967
19670077537	Fortran simulation of circulator and smoothing filter for coherent PFM SYNCHRONIZER	1967
19670077538	Technical evaluation of transmission line coupler CU-1706/FRR Final report	1967
19670077539	Investigation on development of solid state bonding technique Final report	1967
19670077540	Far infrared laser receiver investigation Interim technical report, 15 Feb. - 15 May 1967	1967
19670077541	Infrared-to-visible conversion in luminescent crystals and diffused layers Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670077542	Aerobee KP 3.21 /8 June 1967/ Meteorological data report	1967
19670077543	Soviet mercury technology	1967
19670077544	New experiments in radioactivation analysis with gamma quanta of 18 to 27 MeV	1967
19670077547	Physical librations of deformable bodies, theory II Semiannual progress report, 1 Mar. - 31 Aug. 1967	1967
19670077548	Infrared studies of ortho- and meta- substituted styrenes over the region 4000 cm-1 to 10 cm-1	1967
19670077549	Nike-Apache Speedball II, round no. 100 SN 46 /17 May 1967/ Meteorological data report	1967
19670077550	Nike-Apache Speedball II, round no. 99 SN 45 /2 May 1967/ Meteorological data report	1967
19670077551	Space linkage system, analytical study and preliminary design. Volume II - Appendixes Final report, 1 Mar. 1966 - 1 Apr. 1967	1967
19670077552	Preparation and properties of boron carbide continuous filaments	1967
19670077555	Fluidisation conditions related to the deposition of pyrolytic carbon from methane in fluidised beds of nuclear fuel particles	1967
19670077556	Machining of new materials Interim engineering progress report, 1 Mar. - 30 May 1967	1967
19670077557	Resonance properties of the shield of a coaxial cable over a ground plane	1967
19670077558	Vibrophonocardiograph investigation and development study	1967
19670077559	Cryogenic thermocouple thermometry	1967
19670077560	Radiation effects on insulated gate field effect /MOS/ integrated circuits Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670077561	An experimental investigation of base mass injection on the laminar wake behind a 6-deg half-angle wedge at M equals 4.0	1967
19670077562	Composition, energy spectrum, and intensity of the primary radiation as a function of time Semiannual status report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670077563	Measurement techniques for the directional spectral intensity of low energy protons, including the construction of a prototype instrument Semiannual report, 1 Jan. - 30 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077564	Theoretical and experimental investigations of the interplanetary medium and in gamma- ray astronomy Progress report, 1 Jul. 1966 - 30 Apr. 1967	1967
19670077565	Student reference manual for Apollo MSFN indoctrination	1967
19670077566	Translations on French nuclear, missile, space, and related military developments	1967
19670077567	Determination of Minimum Concentrations of Environmental Water Capable of Supporting Life Semiannual Report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670077568	Open hammer and close die forging of an alpha titanium alloy Progress report	1967
19670077569	Fluid dynamics - The importance of the Reynolds number and of the geometric configuration of the flow source in the study of turbulent subsonic gas jets	1967
19670077571	The tempering behavior of deformation bands in 52100 steel Special report, 1 May 1966 - 30 Apr. 1967	1967
19670077572	An electron fractographic study of spalls formed during rolling contact Special report, 1 May 1966 - 30 Apr. 1967	1967
19670077573	Initial air shock velocities and pressures for Composition B and tetryl	1967
19670077576	A gallium arsenide p-n junction avalanche diode oscillator	1967
19670077577	Research on optical transitions in colored crystals Final report, Jan. 1966 - Feb. 1967	1967
19670077578	Spectroscopic studies of saturated aliphatic nitriles in the 15-40 micron region Technical report, Sep. 1965 - 31 Dec. 1966	1967
19670077579	Liquid propulsion design and data handbooks - An annotated bibliography	1967
19670077580	Breaking strength and endurance testing of aircraft control cables Technical report, Dec. 1966 - Jan. 1967	1967
19670077581	Space linkage system - Analytical study and preliminary design, volume I - Final report, 1 Mar. 1966 - 1 Apr. 1967	1967
19670077582	Numerical evaluation of chemical equilibria involving oxygen, carbon and nitrogen in sealed stainless-steel-clad UO ₂ plus x fuel pins during irradiation	1967
19670077583	Effect of specimen type and crack orientation on fracture toughness Technical report, Mar. 1964 - Dec. 1966	1967
19670077584	ATS-1 omnidirectional spectrometer, 1 December 1966 - 15 February 1967	1967
19670077585	Investigation of a three-dimensional plasma pinch device /Mark II/, May 1966 - April 1967	1967
19670077586	Effects of uniaxial stress on silicon and germanium Technical report, 1 Mar. - 31 May 1967	1967
19670077587	Investigation of supersonic through-flow compressor concept. Volume II - Analytical and experimental investigations of supersonic cascades and diffusers Final report, 15 Nov. 1965 - 15 Feb. 1967	1967
19670077588	Some results in the classification theory of Riemannian manifolds	1967
19670077589	Methods for identifying polymers in all conditions of occurrence Final report	1967
19670077590	Organic sulfur compounds as potential antimalarial agents Annual progress report, 1 May 1966 - 30 Apr. 1967	1967
19670077591	Dominie T. Mk. 1 XS 709 /2 x Viper Mk. 301/ handling trails for C.A. release	1967
19670077592	Peripheral cooling responses at high altitude Annual progress report	1967
19670077594	Transistor, VHF, silicon, power /25 watt - 100 M Hz/. Production engineering measure Final report, 1 Jul. 1962 - 31 Mar. 1967	1967
19670077595	A re-examination of turbulent transport in the high velocity wake Technical report, 3 Dec. 1966 - 17 Mar. 1967	1967
19670077596	Enhancement of night vision by correction of optical aberrations of the eye	1967
19670077597	CURTS phase II automatic frequency selection system - Signal processing, application, and evaluation Final report, 17 Nov. 1965 - 15 Mar. 1967	1967
19670077598	Vacuum physics in the technology of thin films	1967
19670077599	Electron-microscope investigations on the functional morphology of the ion transport in the salt gland of Larus argentatus. Part III - Functional morphology of the tubulus epithelial cells	1967
19670077600	Thermodynamic investigation of the singularity properties of the critical point	1967
19670077601	Liquid crystals	1967
19670077602	Studies of oxidation of niobium alloys at very high temperatures Final scientific report, 1 Oct. 1964 - 30 Sep. 1966	1967
19670077603	Electron wave interaction in solids Interim report, 1 Nov. 1966 - 28 Feb. 1967	1967
19670077604	Research and development on fuel cell technology Quarterly report, 20 Jan. - 20 Apr. 1967	1967
19670077605	The utilization of ground observations for attitude control of an orbiting vehicle	1967
19670077606	Diffusion bonding of titanium and beryllium Interim engineering progress report, 16 Feb. - 15 May 1967	1967
19670077607	Antenna pattern distortion by a conical plasma sheath with electron collisions	1967
19670077608	Structural studies of bearing steel undergoing cyclic stressing Summary report no. 3	1967
19670077609	Advanced method to test thin gage materials Summary report, 1 Jun. 1965 - 31 Jul. 1966	1967
19670077610	Fatigue damage during two-level biaxial-stress tests Summary report, 1 Jan. 1963 - 31 Dec. 1965	1967
19670077611	A study of pendulum viscoelastic dampers Final technical report, Sep. 1965 - Sep. 1966	1967
19670077612	Tapered-band configurations for surface damping. Part I - Analysis. Part II - Preliminary experimental studies Summary report, Jun. - Sep. 1965	1967
19670077613	Cambered planning surfaces for stepped hulls - Some theoretical and experimental results Final report	1967
19670077614	Production of polymers by aromatic desilylation Final technical report, Mar. 1966 - Feb. 1967	1967
19670077615	Coupling of ultrahigh strength and fracture toughness in steels by means of thermomechanical processes Technical report, 1 Jan. - 31 Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077616	Test of T-bar polyester spray system for preparation of landing sites Technical report, Aug. - Sep. 1966	1967
19670077617	Laser array techniques Quarterly progress letter no. 2A	1967
19670077618	Research and development programs Quarterly report, Apr. - Jun. 1967	1967
19670077620	Microwave device techniques for aerospace surveillance Quarterly status report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670077621	Solid state diffusion bonded tantalum alloy honeycomb panels Interim engineering progress report, 1 Mar. - 31 May 1967	1967
19670077622	Translations on French nuclear, missile, space, and related military development, no. 112	1967
19670077623	Positive voice operated transmitter control Final technical report, 1 Mar. 1966 - 1 Mar. 1967	1967
19670077625	Infrared detectors and detector materials Interim report, 1 Mar. - 31 May 1967	1967
19670077626	Lightweight antenna techniques Final report, Feb. 1966 - Mar. 1967	1967
19670077627	Reflector antenna zoom techniques Quarterly report, 22 Sep. - 22 Dec. 1966	1967
19670077628	Relaxation by vibration-vibration exchange processes	1967
19670077629	Advanced fiber-reinforced tungsten nozzles Final technical report, 15 Mar. 1966 - 15 May 1967	1967
19670077630	Transient heat transfer measurement with thin-film resistance thermometers - Fabrication and application technology Interim documentary report, Dec. 1966 - Mar. 1967	1967
19670077631	UHF communication terminal techniques Final report, Mar. 1966 - Feb. 1967	1967
19670077632	HF adaptive Modem test Final technical report, 15 Jan. 1966 - 30 Jan. 1967	1967
19670077633	Pulsed nitrogen laser research Final report, 4 Apr. 1966 - 3 Apr. 1967	1967
19670077634	Design and development of integrated semiconductor circuits utilizing field-effect devices Interim development report, Jan. - Mar. 1967	1967
19670077635	Evaluation of sugar-based syrups and polymers as fuels in pyrotechnic systems Technical memorandum, Aug. 1963 - Nov. 1964	1967
19670077636	Exploratory development of line scan image dissector Technical report, 1 Jun. 1965 - 1 Apr. 1967	1967
19670077637	Observations on the biaxial compressive creep performance of filament wound laminates after four years of continuous testing Special technical report, 1 Jul. 1966 - 15 May 1967	1967
19670077638	Research on inhibited N2O4 Quarterly report, 1 Mar. - 31 May 1967	1967
19670077639	Nonlinear function modeling with neural nets Annual progress report, 15 Jun. 1966 - 14 Jun. 1967	1967
19670077640	Army Tactical Airspace Regulation System /ATARS/ Quarterly report, 1 Jun. - 31 Aug. 1966	1967
19670077641	Radiation source evaluations and optical design for a 4 deg times 40 deg terrain illuminator Technical report, Mar. 1966 - Mar. 1967	1967
19670077642	Continued studies on advanced ferrimagnetic materials applied to digital phase shifters Final report, 28 Feb. 1966 - 28 Feb. 1967	1967
19670077643	Evaluation of a polyelectrolyte complex as a fuel cell electrolyte Final technical report, 17 Mar. - 1 Dec. 1966	1967
19670077644	Criteria for systems trade offs. Volume II - Case histories Final report	1967
19670077645	HS 303 satellite system equipment for Goonhilly - Microwave filters Research report, Apr. 1964 - Apr. 1965	1967
19670077646	Alternating-current polarization of electrodes with potential defining step at the equilibrium potential, parts I and II	1967
19670077647	The production of phase images on photographic film	1967
19670077648	Microwave transistors Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670077649	Study of noise in semiconductor devices Semiannual technical report, 16 Sep. 1966 - 15 Mar. 1967	1967
19670077650	Photoionization of O2 in the metastable a1 delta G state, November 1965 - March 1966	1967
19670077651	An advanced design of a sensitometric spray processing technique Technical report, 15 Jun. 1965 - 30 Dec. 1966	1967
19670077652	Spectrometric evaluation of metal containing fuels Final technical report, Jun. 1965 - Jun. 1966	1967
19670077653	Investigation of a very high temperature pyrolytic graphite thermocouple Final report	1967
19670077654	Detection of flaws in metal-honeycomb structures by means of liquid crystals	1967
19670077656	Effect of temperature on deformation and fracture of aluminum during high amplitude cyclic strain Final report, Nov. 1964 - Nov. 1966	1967
19670077657	Simulated balloon flight test of the modified ultraviolet spectrometer system Final report, 3 - 7 Apr. 1967	1967
19670077658	Lithium-nickel fluoride secondary battery investigation Quarterly technical progress report, 27 Jan. - 27 Apr. 1967	1967
19670077659	Automation of the reproduction of names, and out-of-scale conventional symbols	1967
19670077660	Development of improved cutting fluids and lubricants Interim engineering progress report, 1 Mar. - 31 May 1967	1967
19670077661	Powder metallurgy - Review of recent developments	1967
19670077662	Aerobee NASA 4.210 GG /1 June 1967/ Meteorological data report	1967
19670077664	Four-dimensional space with SU(3)/Z3 SYMMETRY	1967
19670077665	Summary report on the airborne and ground instrumentation system	1967
19670077667	Instrumentation system for display of target intensity and contrast signatures	1967
19670077668	Study of the metabolism and mechanisms of toxic action of the organic NF compounds designated NFPA and TVOPA Final report, Oct. 1965 - Sep. 1966	1967
19670077669	The technical and contractual aspects of the SPADE program Final technical report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077670	High power molecular gas laser research Final report	1967
19670077671	Some facets of surface wave behavior	1967
19670077672	Measurement of the neutron flux decay constant using a pulsed neutron source	1967
19670077673	Development of an improved manufacturing process for the production of higher purity superalloy powders Interim engineering progress report, 1 Mar. - 1 Jul. 1967	1967
19670077674	Solid state UHF repeater/amplifier Final technical report, 4 Jan. 1966 - 4 Jan. 1967	1967
19670077675	Little John /MRRS/ missile no. 1013, round no. LJ TFG 3 /14 June 1967/	1967
19670077676	Meteorological data report 06302 Lance missile no. TP-27, /p.38/ round no. 46 RMT /25 May 1967/	1967
19670077677	Project Magnet and cosmic rays	1967
19670077678	X-ray measurements on the Mark 1-A three dimensional plasma pinch	1967
19670077679	The technology of tantalum alloys with maximum strength in the 3000 deg F to 3500 deg F range Summary technical report, 1 Jan. 1965 - 31 Aug. 1966	1967
19670077684	Hydrogen Fluorine Engine Evaluation /U/ Quarterly Progress Report, 1 Oct. - 31 Dec. 1966	1967
19670077685	Technological Development of a Throttling Hybrid Propulsion System /U/ Final Report, 1 May - 30 Sep. 1966	1967
19670077690	Aerodynamic characteristics of the Picatinny Arsenal supporting research vehicle, SRV-4	1967
19670077691	MODPAC II escape system Final report, 1 Sep. 1965 - 31 Aug. 1966	1967
19670077692	Study of stabilization of hydrogen atoms at 77 deg K and higher temperatures Semiannual technical report, 27 Dec. 1966 - 26 Jun. 1967	1967
19670077693	Wind tunnel study of the effects of fin gap and number of fins on tail loads for an ogive-cylinder model at transonic speeds Final report, 3 - 14 Apr. 1967	1967
19670077695	Manufacturing in-process control and measuring techniques for integral electronics /geometry and surface contamination control/ Interim engineering progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670077696	Effects of thermal-mechanical variables on the texture and bend ductibility of high purity beryllium sheet Final report, 1 Jan. 1965 - 31 Dec. 1966	1967
19670077697	Advanced techniques for analyzing and improving gravity gradient satellite pointing accuracies at high orbital altitudes. Volume I - Analysis Final report, Jul. 1966 - Jan. 1967	1967
19670077698	Delay line investigation Final report, Jan. 1966 - Jan. 1967	1967
19670077699	Laser deflection by a torsionally resonant horn loaded piezoelectric ceramic	1967
19670077700	Propulsion technology Monthly survey, no. 7	1967
19670077701	Electronic oscillator strength of CF ₂	1967
19670077702	Studies of halogenated hydrocarbons. Part 1 - Stability of fluorocarbons in air over Hopcalite catalyst or stainless steel	1967
19670077703	The stimulated Raman effect and its application as a tunable laser	1967
19670077704	A new type of plate for taking astrophotographs in the red spectral region	1967
19670077705	Cell structure of the atmosphere. Further results on the stratosphere and mesosphere Final report, Jul. 1965 - Dec. 1966	1967
19670077706	Nav Scan Stereoscopic Panoramic Plotter Final report	1967
19670077707	Review of recent developments, fiber- reinforced metals	1967
19670077708	Review of recent developments, metals joining	1967
19670077709	Operational testing of the star occultation satellite navigation technique. Volume III - Data analysis and results Final report, Aug. 1964 - Jan. 1967	1967
19670077710	A technique for measuring modulation transfer functions of recording media	1967
19670077711	Long-wavelength IR mosaic terminal guidance technique, phase III Quarterly report, ending 31 May 1967	1967
19670077712	Optical pumps for lasers, phase II QUARTERLY progress report, 1 Jan. - 31 Mar. 1967	1967
19670077713	Heating in regions of interfering flow fields. Part III - Two-dimensional interaction caused by plane shocks impinging on flat plate boundary layers Technical report, Jan. 1964 - Jul. 1966	1967
19670077714	High power microwave components in over-sized waveguide Final report, 15 Mar. 1965 - 15 Oct. 1966	1967
19670077715	The development and evaluation of a hydrocarbon binder for high energy solid propellants Fifth quarterly report, 14 Mar. - 13 Jun. 1967	1967
19670077716	One-hundred transistor devices	1967
19670077717	A note on steady periodic sublimation	1967
19670077718	Spectral diagnostics of a flowing air plasma Technical report, 24 Jan. 1966 - 24 Mar. 1967	1967
19670077720	Single crystal silicon films on insulating substrates, 1 February - 30 April 1967	1967
19670077722	Electrical properties of coatings as related to performance. II - Experiments with seven additional immersed coating systems Interim report	1967
19670077725	Improved CVD boron filament production Interim engineering progress report, 15 Mar. - 30 Jun. 1967	1967
19670077726	Advanced techniques for analyzing and improving gravity gradient satellite pointing accuracies at high orbital altitudes. Volume II - Appendices Final report	1967
19670077727	Resistance welding of refractory metals Final technical report, Aug. 1964 - Feb. 1967	1967
19670077728	Axisymmetric hall-arc jet wind tunnel driver study Final report, Apr. 1965 - Apr. 1966	1967
19670077729	High performance fuel cell Annual report, 1 Jul. 1966 - 30 Jun. 1967	1967
19670077730	Transient radiation effects on cables. An annotated bibliography.	1967
19670077731	Salvo-fire analysis, phase 1 Final technical report	1967
19670077732	Alkali metal resistant electrical devices Quarterly technical progress report, 26 Mar. 1966 - 25 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077733	Semiconductor strain gauges	1967
19670077734	Ten, six micron laser frequency control techniques Interim technical report, 15 Mar. - 1 Jul. 1967	1967
19670077735	Athena B-034, flight no. 079 /1 June 1967/ Meteorological data report	1967
19670077736	Research and experimentation on space object identification using ground based electro- optical techniques Interim technical report, 1 Jan. - 30 Jun. 1967	1967
19670077737	Research on high power transducer ceramics. Stress sensitivity of piezoelectric ceramics. Part three - Sensitivity to compressive stress perpendicular to polar axis	1967
19670077738	Broadening of spectral lines of air molecules Technical report, 20 Sep. 1965 - 20 Sep. 1966	1967
19670077739	The effect of rocket nozzle geometry and secondary flow field on base drag at Mach numbers 2.50 and 3.00, an experimental investigation	1967
19670077741	UHF integrated circuit technology Quarterly report, 15 Jan. - 15 Apr. 1967	1967
19670077742	Composition and decomposition of bounded variates with special reference to the gamma and the Weibull distributions Technical report, Feb. 1964 - Feb. 1965	1967
19670077743	Performance development and evaluation of the multifuel Texaco combustion process model 2A042 military standard engine Final technical report, May - Dec. 1966	1967
19670077744	Adhesion and layer formation for arc and flame spraying	1967
19670077745	Effect of conditioning on sensory input Final technical report	1967
19670077746	Hypersonic arbitrary-body aerodynamic computer program. Volume I - User's manual Final report	1967
19670077747	Microscope slide loader for thin-layer chromatography	1967
19670077748	Experimental study of non-equilibrium ionization in a linear magnetohydrodynamic generator	1967
19670077749	Photogrammetric Ocean Survey Equipment /POSE/ Evaluation report	1967
19670077750	On the stability of complex metallic phases Final technical report, Apr. 1966 - Mar. 1967	1967
19670077751	An evaluation of aluminum alloys Technical report, Sep. 1964 - Feb. 1965	1967
19670077752	On the possible existence of an east-west, F-layer, electron-density through extending across the United States	1967
19670077753	Blake Ridge aeromagnetic survey Informal report	1967
19670077754	Measured back scattering cross section of thin wires	1967
19670077755	Millimeter radome electrical design techniques Final report	1967
19670077756	The mechanical polishing of RDX/TNT	1967
19670077757	Review of research activities Quarterly progress report, period ending 31 May 1967	1967
19670077760	Updating of the aerospace fluid component designers' handbook	1967
19670077761	Processing, evaluation, and standardization of titanium alloy castings Interim engineering report, 15 Mar. - 15 Jun. 1967	1967
19670077762	High speed semiconductor switch /two terminal/ and high speed semiconductor switch /gate/ Quarterly report, 29 Nov. 1966 - 28 Feb. 1967	1967
19670077763	Computer prediction of the effects of HF OBLIQUE-PATH polarization rotation with frequency	1967
19670077764	Development of a subscale manufacturing process for the fabrication of hypereutectic transition-metal carbide composites Interim engineering progress report no. 4, 1 Apr. - 30 Jun. 1967	1967
19670077765	G-12D Low Altitude Aerial Delivery System /LAADS/ Final report	1967
19670077766	Investigation of block overrelaxation for accelerating the convergence of the implicit numerical solution of the transient heat transfer equation	1967
19670077767	Fluid cooled cabin wall design for hypersonic aircraft Interim technical report	1967
19670077768	Aerodynamics of blunt heat shields at simulated high altitudes	1967
19670077769	Determination of an upper limit to the 1961 62-MeV primary cosmic ray proton flux	1967
19670077770	Athena D-053, flight no. 080 /8 June 1967/ Meteorological data report	1967
19670077771	Radio-frequency shielding provided by bolted seams connecting armored-plywood panels Technical report, Aug. 1965 - Aug. 1966	1967
19670077772	Compatibility of elastomers with hydraulic fluids, lubricants and fuels	1967
19670077773	Electromagnetic coupling reduction techniques Quarterly report, 15 Feb. - 14 May 1967	1967
19670077774	Satellite communications terminal AN/TSC-54 QUARTERLY progress report, 1 Jul. - 30 Sep. 1966	1967
19670077775	Advanced chemical milling processes Interim engineering report, 1 Apr. - 30 Jun. 1967	1967
19670077776	The ignition of pure acetylene through shock waves	1967
19670077777	Development of an interference electron microscope Final technical report	1967
19670077778	Optical Doppler radar satellite simulator system Final technical report, 1 May 1966 - 20 Jan. 1967	1967
19670077779	The two-dimensional problem of incompressible turbulent lubrication in the case of variable viscosity	1967
19670077780	Wideband amorphous-solid Debye-Sears light modulators for array-antenna processors	1967
19670077781	Experimental determination of steady and unsteady loads on a surface piercing, ventilated hydrofoil	1967
19670077782	Calibration of an aerodynamically compensated pitot-static probe for the RF-4C aircraft at Mach numbers from 0.5 to 1.2 Final report, 18-19 May 1967	1967
19670077783	Investigation of low level turbulent structure for various surface roughness and gross meteorological circulations Final report	1967
19670077784	Summary of experimental research on steady and unsteady loads on a finite span cavitated and ventilated hydrofoil Final technical report	1967
19670077785	Combustion stability of metallized gelled propellants Final report, 1 Apr. 1966 - 1 Apr. 1967	1967
19670077786	An electrode feed system for a segmented electrode MHD accelerator	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077787	Thermoelastic dissipation in composite thin beams. Part I - Theory. Part II - Experiment Summary report, Jun. 1965 - Jan. 1966 and Jun. - Sep. 1966	1967
19670077790	Application of intelligent automata to reconnaissance Interim technical report, Mar. - Nov. 1966	1967
19670077791	Linear optimal control theory and angular acceleration sensing applied to active structural bending control on the XB-70 FINAL report	1967
19670077792	Polyphenylene resin /aromatic/ Interim progress report, 1 Apr. - 30 Jun. 1967	1967
19670077793	Aerobee NASA 4.222 NA /6 June 1967/ Meteorological data report	1967
19670077794	Corrosion of beryllium and its prevention Annotated bibliography, Jan. 1965 - Apr. 1967	1967
19670077795	Component test report for qualification of manufacturer to company specification	1967
19670077796	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report no. IX, 1 Mar. - 31 May 1967	1967
19670077798	Pulse generator model AN/USM-27B /G.R.M./	1967
19670077800	Eigenvalues of complex matrices Technical report, Apr. 1966 - Jan. 1967	1967
19670077801	Theoretical and experimental studies of noise energy dissipation and absorption materials and techniques - A survey and bibliography	1967
19670077802	A study of magnetic forming effects on electrical components /in magnetic joining of missile sections/. Volume I - Studies of electromagnetic and sonic phenomena encountered in the magnetic joining of missiles. Volume II - Applicability of results to a generalized missile system. Volume III - Graphical illustrations of experimental data Final report	1967
19670077803	An analysis of optical heterodyning with an atmospherically distorted signal beam	1967
19670077804	An investigation of the accuracy of numerical solutions of the two-dimensional diffusion equation	1967
19670077805	Two-axis automatic theodolite	1967
19670077807	Oxidizer surface coating Quarterly progress report, Mar. - May 1967	1967
19670077808	Hypergolic ignition at reduced pressures Final report, 1 Jun. - 30 Nov. 1966	1967
19670077809	Manufacturing methods for UHF amplifier tube Interim engineering progress report no. 1, 1 Apr. - 30 Jun. 1967	1967
19670077811	Observations of the sun, moon, and planets six-inch transit circle results	1967
19670077812	Project Eyeglass. Volume II - Appendixes Final report	1967
19670077813	Conceptual flutter analysis techniques Final report, Dec. 1965 - Dec. 1966	1967
19670077814	Storable concentrated hydrogen peroxide Quarterly progress report, Dec. 1966 - Apr. 1967	1967
19670077815	Thermodynamic properties of zirconium and hafnium halides. Part II - Heat of formation of ZrCl ₃ quantitative differential thermal analysis of decomposition reactions Technical report, 23 Jan. 1965 - 30 Sep. 1966	1967
19670077816	Investigation of thermal embrittlement in 18Ni/250/ maraging steel Final technical report, 30 Jun. 1965 - 30 Oct. 1966	1967
19670077818	Lubricity properties of high-temperature jet fuels Quarterly progress report, 15 Nov. 1966 - 15 Feb. 1967	1967
19670077819	Investigation of the electrode migration and reaction process occurring in alkaline-zinc batteries Quarterly technical progress report, 1 Mar. - 1 Jun. 1967	1967
19670077820	Development of equipment for automatic narrow-gap welding for shipyard use Quarterly report	1967
19670077821	Evaluation of method 3407, "oxidation and thermal stability test" of Federal test method standard no. 791A Phase report, Dec. 1961 - Jan. 1967	1967
19670077822	Aerobee NASA 4.179 UA /21 June 1967/ Meteorological data report	1967
19670077823	Evaluation of elastic thermoplastic materials	1967
19670077824	Multiple coherence of long period noise at LASA	1967
19670077825	Interaction of an explosively generated shock pulse with a metal lattice Final report	1967
19670077826	Glint instrumentation Semiannual technical report	1967
19670077830	Preliminary program plan. Volume II - Study and design of a spaceborne laser altimeter system Final report	1967
19670077831	Investigation of interaction between ion beams and plasmas	1967
19670077832	Solar flare project - Observations of the solar chromosphere at the Dominion Observatory, Ottawa Final report, 27 Nov. 1962 - 31 May 1966	1967
19670077833	Development and qualification of Igniter Mark 263 Mod 1 for rocket motor Mark 34 Mod 1	1967
19670077836	Manufacturing process development for roll bonded titanium alloy structural sections Interim progress report, 1 Feb. - 30 Apr. 1967	1967
19670077837	SNAP 50/SPUR 467 KVA experimental generator design summary Final report, Jun. 1962 - Jul. 1966	1967
19670077838	Production engineering measure for high reliability aluminum electrolytic capacitors Quarterly report, 20 Dec. 1966 - 20 Mar. 1967	1967
19670077839	A statistical investigation of cleavage microcrack formation in polycrystalline iron	1967
19670077840	Detection of liquid missile propellant vapors by ionization chamber, electrochemical, clathrate detectors and vapor phase chromatography Progress report	1967
19670077841	Development of a point deformation rolling mill Interim engineering progress report no. 10, 1 Oct. 1966 - 31 Mar. 1967	1967
19670077842	Solid film lubricants in a vacuum environment	1967
19670077843	Effect of electrosag melting on corrosion-fatigue strength of steel	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077846	Structures subsystem of the B-70 prototype air vehicle for flights 50 through 60 Summary test report, 3 Nov. 1966 - 27 Mar. 1967	1967
19670077847	Low frequency long distance transmission and modulation equipment NTZ, part II	1967
19670077848	Study of aviation-fuel filter/separators Annual summary report, 20 Apr. 1966 - 19 Apr. 1967	1967
19670077849	Designer's guide and computer program for ablative materials in liquid rocket thrust chambers Final report, 1 Apr. 1966 - 30 Apr. 1967	1967
19670077850	The relaxation of anharmonic oscillators due to vibration-vibration exchange	1967
19670077851	Advanced composite carbide nozzles Interim progress report, 1 Jan. - 30 Jun. 1967	1967
19670077852	The effect of stress on mechanical properties of ordering alloys Technical report, Oct. 1962 - Oct. 1965	1967
19670077854	Wind tunnel investigation to determine pressure distribution characteristics of a 0.03-scale model of the Titan III/MOL launch configuration during the abort sequence at Mach numbers from 0.60 to 3.00	1967
19670077855	Basic thesaurus of bibliographical key words for use in a bionics-cybernetics information system Technical report, Jun. - Oct. 1966	1967
19670077856	The time and spectral behavior of the slowly varying component of solar radio emission during the present sunspot cycle	1967
19670077857	Hydrothermal growth of zinc oxide crystals Final report, 1 Jun. 1962 - 31 Dec. 1966	1967
19670077858	A review of recent research on handling qualities, and its application to the handling problems of large aircraft. Part I - Observations on handling problems and their study. Part II - Lateral- directional handling	1967
19670077859	Strapped-down inertial guidance. The coordinate transformation updating problem	1967
19670077860	Enhancement of the magnetic reversibility of a nonideal type II superconductor by surface contamination, October 1965 - March 1966	1967
19670077861	The propagation of electromagnetic plane-waves in bulk semiconductors	1967
19670077862	A technique for deriving difference equations to simulate continuous systems	1967
19670077863	Pressure test on a 0.04-scale model of the Saturn V launch vehicle at Mach numbers from 1.80 through 3.00	1967
19670077864	High intensity laser propagation in the atmosphere Final report, 1 Nov. 1965 - 28 Feb. 1967	1967
19670077866	Production Engineering Measures /PEM/ for milliwatt logic semiconductor integrated circuits Quarterly progress report, 1 Jul. - 31 Dec. 1966	1967
19670077867	Parametric studies of the interference heating on typical winged scramjet vehicles at Mach numbers 6, 8, and 10 Final report, 7 Nov. 1966 - 4 Apr. 1967	1967
19670077868	Manufacturing methods for epitaxially growing gallium arsenide-gallium phosphide single crystal alloys Interim engineering progress report, 1 Mar. - 31 May 1967	1967
19670077869	TTA manufacturing methods development Quarterly progress report, 1 Mar. - 31 May 1967	1967
19670077871	Saturn Improvement Study 120-inch Solid Rocket Motor Support Final Technical Report, 2 Jun. 1966 - 2 Aug. 1967	1967
19670077872	Lightweight optical materials and techniques Final report	1967
19670077873	An electron reflection apparatus to measure the energy-loss spectrum of niobium	1967
19670077874	Investigation of a 30,000 rpm turbine-driven hydraulic pump Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670077875	Experimental evaluation of precious metal carbon dioxide catalysts Final technical report, Jun. 1966 - Apr. 1967	1967
19670077876	Zero six three zero two Lance missile no. TP-42, round no. 44 RML /26 April 1967/ Meteorological data report	1967
19670077877	VHF and UHF transistor transient investigation, volume II Quarterly progress report, 27 Sep. - 27 Dec. 1966	1967
19670077879	Investigation of the aerodynamic rolling moments on an ablating and nonablating finned re-entry vehicle at Mach 8 Final report, 15 - 17 Mar. 1967	1967
19670077880	Analysis of combined air-turbine brake and hydraulic-drive components for aircraft wheels Final report	1967
19670077881	Foreign aircraft ground support equipment	1967
19670077882	Multilayered boards Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670077883	PBI fiber processes Interim progress report, Apr. - Jun. 1967	1967
19670077884	Production of high-purity thermal control coatings Interim engineering progress report, 1 Mar. - 31 May 1967	1967
19670077885	The chemistry of rare gases Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670077886	Studies of electromagnetic compatibility of equipment and systems Progress report, 1 Feb. - 30 Apr. 1967	1967
19670077887	Research on boron filament/metal matrix composite materials Summary technical report, 1 Jul. 1965 - 22 Feb. 1967	1967
19670077889	A study of the Parkerizing 100 phosphating bath	1967
19670077890	Volatile corrosion inhibitor and desiccant as a preservative system	1967
19670077891	Selectively degenerate laser cavity Final report, Mar. 1966 - Mar. 1967	1967
19670077892	Little John missile /MRRS/ missile no. 1052, round no. LJ TFG 2 /13 June 1967/ Meteorological data report	1967
19670077893	Chemistry of species in a high intensity electrodeless discharge Technical report, 1 Apr. 1966 - 31 Mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077894	Development of design and manufacturing technology for integrally formed structures Interim progress report, 1 Apr. - 30 Jun. 1967	1967
19670077895	Investigation of plasma sprayed metal matrix reinforced composites Interim engineering progress report, 15 Mar. - 14 Jun. 1967	1967
19670077899	Separation systems for small satellites	1967
19670077900	VHF and UHF transistor transient investigation, volume I Quarterly progress report, 27 Sep. - 27 Dec. 1966	1967
19670077902	Electro-interference test report for UHF ANTENNA test adapter, figure A 4694M	1967
19670077903	Detection of low levels of tetrafluorohydrazine in air	1967
19670077904	Two computer programs to produce theoretical absorption spectra of water vapor and carbon dioxide	1967
19670077905	Re-entry measurements program-B guidance study Final report, Apr. 1966 - May 1967	1967
19670077906	Static behavior of the oxygen peroxide couple on platinum fuel cell electrodes at deep sea ambient conditions	1967
19670077907	Aeronautical applications of holographic interferometry	1967
19670077908	A new perspective on Martian polarimetric measurements	1967
19670077909	Mechanical properties of commercial purity and of distilled and zone refined beryllium single crystals Final report, 15 Mar. 1965 - 15 Jan. 1967	1967
19670077910	Micropower digital counter Final report	1967
19670077912	Techniques for integrating solid-state circuitry into antennas Interim technical report, 1 Mar. - 31 May 1967	1967
19670077915	Accuracy analysis equations for Stellar Inertial Accuracy and Computer Sizing study /SIACS/	1967
19670077916	Development of improved techniques for the extrusion of thin Lockalloy shapes Progress report, 15 Mar. - 15 Jun. 1967	1967
19670077922	Manufacturing methods for high temperature coating of large columbium parts Interim progress report, 1 Mar. - 31 May 1967	1967
19670077924	The steady state controlled discharge linear non-equilibrium magnetogasdynamic generator	1967
19670077925	Sensitivity of solid propellants to impact Final report, 1 Jul. 1966 - 31 Jan. 1967	1967
19670077926	Thin metal films and their use in film type resistors	1967
19670077927	Theoretical and experimental investigations of super-conductivity Progress report, 1 Oct. 1966 - 31 Aug. 1967	1967
19670077928	Development of adaptive modular analysis techniques. Volume I - Program development and demonstration	1967
19670077929	Group member adjustment as related to interpersonal and task success and affiliation and achievement motives	1967
19670077930	Exit nozzle flow separation as influenced by nozzle geometry, fuel oxidizer ratio, and pressure level Technical report, Oct. 1965 - May 1967	1967
19670077931	Preferred-circuit techniques for receiver applications Final report	1967
19670077932	Development of unique and promising expandable tire subsystem for an advanced capability of landing and take-off from rough unimproved areas Final report, Mar. 1965 - Nov. 1966	1967
19670077933	An investigation of the aerodynamic response of a wind anemometer	1967
19670077935	Condensation and electrical conduction in metallic vapors	1967
19670077936	Organic electronic materials for molecular electronics Final report, May 1, 1966 - Apr. 30, 1967	1967
19670077937	Reflectivity measurements of selected thermal control coatings irradiated in high vacuum Technical report, 1 Oct. 1964 - 1 Dec. 1966	1967
19670077938	Energetic trapped electron observations during the fall of 1964	1967
19670077939	Developing a process for ausforging large, high-strength steel aircraft structural components with improved design and weight reduction Interim engineering progress report, 15 Jan. - 14 Apr. 1967	1967
19670077940	The nighttime change in total electron content	1967
19670077941	Finite amplitude waves in a locally neutral collisionless plasma	1967
19670077943	Some climatic information on surface visibility	1967
19670077944	Production engineering measure for silicon npn switching transistors Quarterly progress report, 25 Nov. 1966 - 25 Feb. 1967	1967
19670077945	Characteristics of a Very High Frequency and Ultra High Frequency Directional Antennas and Their Measurement	1967
19670077946	Wave-propagation studies in laterally confined columns of sand Technical report, Jan. 1965 - May 1966	1967
19670077947	Investigation of the generation of long wavelength infrared radiation through the use of laser techniques Final report, Apr. 20, 1966 - May 20, 1967	1967
19670077948	Plasma arc welding of thin materials Final technical report, 1 Nov. 1966 - 31 May 1967	1967
19670077949	Respiratory rhythm and physiology of egg shell formation	1967
19670077950	Some derivatives of tetrameric phosphonitrilic chloride	1967
19670077951	NRDL transmission line EMP test facility - Partial characteristics	1967
19670077952	High altitude critical atmospheric turbulence data system Final report, 15 Feb. 1965 - 10 Feb. 1966	1967
19670077953	Catadioptric objective lens for Starlight Scope, phase II	1967
19670077954	Development of a tubing and bar process for a dispersion strengthened Ni-Cr-ThOa alloy Interim progress report, 1 Apr. - 30 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670077955	On the congruent transformation of electrical networks for equivalent forms	1967
19670077956	Low loss microwave acoustic transducers Final report	1967
19670077957	Investigation of catalytic reactions for CO2 reduction. Part V - Program conclusions Final summary report, Aug. 1965 - Nov. 1966	1967
19670077959	Germanium photodiode radiometer Quarterly report, 1 Mar. - 31 May 1967	1967
19670077960	Development of closed die aluminum forging process for improved stress corrosion properties Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670077962	Fundamental research on advanced oxidizers Quarterly technical report, Dec. 1966 - Feb. 1967	1967
19670077963	The effects of melting practice on some significant design properties of 18Ni /250/ maraging steel	1967
19670077965	Charged particle activation analysis for surface impurities in beryllium, molybdenum and tungsten Summary report, Jan. 1965 - Nov. 1966	1967
19670077966	A study of the superconducting behavior of alloyed interstitial compounds with the NaCl crystal structure Final report, 5 May 1965 - 28 Feb. 1967	1967
19670077967	Effect of inclusions as measured by ultrasonic methods on the mechanical properties of aircraft quality steel Interim progress report, 1 Apr. - 30 Jun. 1967	1967
19670077968	Measurement of the transition Reynolds number in the AEDC 16-ft, supersonic, propulsion wind tunnel Final report, 22 Nov. 1966 - 23 Jan. 1967	1967
19670077969	Cation and hole diffusion in FeO, CoO, and NiO Technical report, 1 Jul. - 31 Dec. 1966	1967
19670077970	Dispersion strengthened material evaluation program feasibility for structural mechanical fasteners - 1400 deg F - 2200 deg F Interim technical report, Feb. - May 1967	1967
19670077971	How soon will a man be on the Moon/ques/	1967
19670077973	Review of recent developments, corrosion and compatibility	1967
19670077974	The effect of including negative loading in the flight spectrum for a typical fighter wing Final report	1967
19670077975	Design of a fluidic missile control system, phase II	1967
19670077976	Radiation effects in dielectric materials Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670077977	High-G ring laser measurement at Holloman Air Force Base Final technical report, Jun. 1966 - Feb. 1967	1967
19670077978	Advanced wire-wound tungsten nozzles Final report, 1 Feb. 1966 - 15 Mar. 1967	1967
19670077979	Tank-mounted insulation program Final report, 17 Oct. 1966 - 28 Apr. 1967	1967
19670077980	Theoretical photometry	1967
19670077981	Summary report	1967
19670077982	Group differences in exercise performance at high altitude /3830 M/	1967
19670077983	Program Titan IIIB design loads report Final report	1967
19670077984	Partitioned Centaur test tank Final technical report, 15 Aug. 1966 - 14 Mar. 1967	1967
19670077985	High temperature radiant burner Technical report, 15 Aug. 1964 - 31 Aug. 1965	1967
19670077986	Determination of the 500-MB circulation over Northern Hemispheric oceans from satellite and conventional surface measurements Final report	1967
19670077987	A study of solid state devices and phenomena. /The Gunn effect - New applications and materials/ Interim technical report, 1 Mar. - 31 May 1967	1967
19670077989	Feasibility study of fluid flywheel techniques to provide nutation damping of large spinning space vehicles Technical report, Apr. - Nov. 1966	1967
19670077990	On the feasibility of using a Langmuir probe to measure electron densities in turbulent hypersonic wakes	1967
19670077991	Forecasting the time of fog clearance	1967
19670077992	Description of gyroscope test laboratory tests and equipment	1967
19670077993	Experiments on storage of multiple images in colored crystals Final report	1967
19670077995	The non-blooming image orthicon	1967
19670077996	The solar electrostatic potential	1967
19670077998	Calibration principles and procedures for field intensity meters /10 kHz to 1 GHz/ Interim report, Jul. 1966 - Jan. 1967	1967
19670077999	Estimation of peak probability functions and structural fatigue damage Final report, Jul. 1965 - Jun. 1966	1967
19670078000	J-2 Program /U/ Bimonthly Progress Report, Mar. - Apr. 1967	1967
19670078005	Hydride crystallization /U/ Interim engineering progress report no. 1, 1 Feb. - 30 Apr. 1967	1967
19670078006	Perform studies toward development of 18mm microstatic tube /U/ Interim technical report, 18 Mar. - 17 Aug. 1966	1967
19670078007	Tailoring and improvement of LMH-2 /U/ Final report, Jan. 1966 - Jan. 1967	1967
19670078008	Investigation of liquid-metal hydrides /U/ Final report	1967
19670078010	Feasibility study to design and develop an improved L-4188N cathode ray tube Interim engineering report, Aug. 12 - Nov. 30, 1966	1967
19670078011	Large scale integrated circuit array Quarterly report, 15 Feb. - 15 May 1967	1967
19670078012	Time and space moment analysis of neutron pulse propagation data	1967
19670078013	Ultra-high vacuum study of collective energy losses in Ti and V films	1967
19670078014	Improved CVD boron filament production Interim engineering progress report, 15 Mar. - 30 Jun. 1967	1967
19670078015	Infrared spectra of thermally treated poly-2,2' /m-phenylene/-5,5'- bibenzimidazole and several related model compounds Summary technical report, Dec. 1965 - Jan. 1967	1967
19670078016	S- and X-band Schottky barrier diode manufacturing methods Quarterly report, 1 Apr. - 1 Jul. 1967	1967
19670078017	Laser material /spectroscopy/ Final report, 15 Jun. - 15 Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078018	Digital computer curve reading routine for curves with n constant lines	1967
19670078019	Multilayered boards, supplement	1967
19670078021	Evaluation of the maser-equipped radar set AN/MPS-34 and area precipitation measurement indicator Final report, 1 Apr. 1965 - 31 Dec. 1966	1967
19670078022	Research and development of magnetostrictive materials in Japan	1967
19670078023	PCM and data processing systems accuracy study Annotated bibliography, 1964 - Apr. 1967	1967
19670078024	The arc spectrum of oxygen /OI/	1967
19670078026	Shock wave in a cold collisionless plasma	1967
19670078027	Charge-controlled storage display panels Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670078028	Further investigations on medium strength weldable Al-Zn-Mg alloys Final technical report, Feb. 1966 - Jan. 1967	1967
19670078029	Observations of variations of the water content in the digestive tube of Lumbricms herculeus /Sav./ /Oligochaetous worm/	1967
19670078030	High-Q inductance simulator for microminiature circuits	1967
19670078031	Residual fuel treatment on board ship. Part I - The effect of centrifuging, filtering and homogenizing on the unsolubles in residual fuel	1967
19670078032	Influence of cosmic factors on the virulence of Candida albicans Final report	1967
19670078033	Development of high strength beryllium materials for structural applications. Volume II Final report	1967
19670078035	Saturn S-IB stage Final static test report, 26 Jan. - 14 Mar. 1967	1967
19670078036	Technical study and design of a spaceborne laser altimeter system, volume I Final report, Sep. 1966 - Jan. 1967	1967
19670078037	Research and development program to improve design of capacitance type LH2 mass flowmeter developed under contract NAS8-5218 Final report, 17 May 1965 - 31 Aug. 1967	1967
19670078038	Static stability test on a .0132 scale model of the Saturn 1B/SA-205 in the Mach range of 0.7 to 3.0	1967
19670078039	Radar backscattering studies Quarterly progress report, 20 Mar. - 20 Jun. 1967	1967
19670078040	On the plasticity theory of strip drawing	1967
19670078042	Saturn improvement study - 120-inch solid rocket motor support. Volume I - Summary report Final technical report, 2 Jun. 1966 - 2 Aug. 1967	1967
19670078044	Fabrication and fracture toughness of .020 in thick maraging steel experimental cases Final report	1967
19670078047	Influence of residual stresses and thermal gradients on mechanism of buckling of shallow spherical shells Final report, 1 Dec. 1965 - 30 Nov. 1966	1967
19670078048	XB-70 flight test summary report. Thermal environment and control /flights 1-50 thru 1-60/	1967
19670078049	Tests for strength characteristics of a schistose gneiss. Mechanical anisotropy	1967
19670078050	Mild detonating cord	1967
19670078051	Research on improving the efficiency and spectral response of photopolymerization Final report, 1 Apr. 1965 - 31 Jan. 1967	1967
19670078053	Advanced electro-optical signal processing techniques Quarterly progress report, Jan. 1 - Mar. 31, 1967	1967
19670078054	Estimation of distribution parameters by a combination of the best linear order statistic method and maximum likelihood Technical report, Feb. 1965 - Feb. 1966	1967
19670078055	Temperature sensitive ductility in face centered cubic copper alloys Summary report, 15 Feb. 1962 - 15 Feb. 1967	1967
19670078056	Phenomenon of superconductivity, phase II FINAL report, Mar. 16, 1966 - Mar. 15, 1967	1967
19670078057	Feasibility of modifying the S-II stage as an injection stage for manned planetary flyby mission summary briefing Final review	1967
19670078058	Development of a titanium alloy foil and sheet rolling process Interim engineering progress report, 1 Nov. 1966 - 28 Feb. 1967	1967
19670078059	Experimental automated AS-11A computer programs Final technical report, Mar. 1966 - Jan. 1967	1967
19670078060	Fuselage modification analysis for installation of N.S.L. ultra-violet experiment in X-15-1	1967
19670078061	Theoretical analysis of the hydrogen chloride and hydrogen fluoride chemical laser systems	1967
19670078062	Ultraviolet reflectivity studies of CdS - Se single crystal solid solutions	1967
19670078063	Dielguide Cassegrain feed modification for satellite communication terminal AN/MS-46 FINAL report	1967
19670078064	Open cycle magnetohydrodynamic generator research Quarterly report	1967
19670078065	Some exactly solvable collisionless plasma flows	1967
19670078067	Investigation of rotary actuation technique Quarterly technical report, 3 Apr. - 3 Jul. 1967	1967
19670078068	Performance of a magnetostrictive ferrite transducer operated at high sound intensities	1967
19670078069	Precise acquisition system evaluation, prelaunch checkout system, mission support and configuration control board, and DCS OPERATIONAL program	1967
19670078070	Development of Adaptive Modular Analysis Techniques. Volume II - Users Manual	1967
19670078072	ALTAIR Program /U/ Quarterly technical summary report no. 7, period ending 31 Mar. 1967	1967
19670078073	Advanced cryogenic rocket engine program, Aerospike nozzle concept /U/ Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670078075	High density, high temperature binders for solid propellants /U/ Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670078076	Broad band crossed-field amplifiers /U/ Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670078078	A thin-film radar and infrared countermeasure material /U/ Technical report, Jan. 1965 - Jun. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078079	Development of a practical process for the preparation of gem difluoramino compounds. The difluorosulfamic acid reagent /U/	1967
19670078080	J-2 Engine Preliminary Flight Rating Test, Volume 1 /U/ Final Report	1967
19670078081	V/STOL plenum chamber combustion performance and design study	1967
19670078082	Study on Lifetimes of Orbiting Vehicles Final Report, 4 May 1966 - 3 May 1967	1967
19670078083	Investigation of wire-type antennas for field applications Final report, Mar. 1966 - May 1967	1967
19670078084	Research and development of nondestructive testing techniques for composites Summary technical report, 1 Jul. 1965 - 30 Apr. 1966	1967
19670078085	High-power hybrid multiple-beam klystron for phases arrays Quarterly progress report, 15 Dec. 1966 - 15 Mar. 1967	1967
19670078086	Research study to develop design criteria for arc heater mixing chamber Final report	1967
19670078087	Research and development of new and improved cutting tool materials Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670078088	Study of flash tubes Annual report RP2-12	1967
19670078089	Hypersonic wind tunnel tests of slender rods with various nose shapes and aft stabilizing flares	1967
19670078090	Design of an octave bandwidth high power, S-band injected-beam crossed field amplifier Final report, Jul. 1964 - Sep. 1966	1967
19670078091	A mobile micrometeorological tower and digital data-logging system	1967
19670078094	Fireball ablation Volume III User's manual for the HIMACH computer program Final report, Jun. 1965 - Dec. 1966	1967
19670078095	Weldability of tantalum alloys-II SUMMARY technical report, 1 Sep. 1965 - 31 Jan. 1967	1967
19670078097	Investigation and development of redundancy techniques to achieve dual fault corrective capability in flight control actuators Final report, Jul. 1966 - Dec. 1966	1967
19670078098	Digital computer program for the analysis of crack propagation in cyclic loaded structures Technical report, Jul. 1965 - Nov. 1966	1967
19670078101	Attenuation of laser radiation by HC, FS, WP, and fog oil smokes	1967
19670078102	Advanced FM demodulator Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670078104	Design of signal-extraction filters using local signal and noise	1967
19670078107	Effects of atmosphere rotation rate on orbits and orbit determination	1967
19670078108	Multilayered boards Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19670078109	Development of hydrothermal method for growing single crystals of high purity beryllium oxide and the study of the feasibility of hydrothermal growth of selected crystals Progress report, 16 Jan. - 15 Apr. 1967	1967
19670078110	Investigation of corrosion preventive, water displacing compounds for use on naval aircraft	1967
19670078111	Research on methods of obtaining luminescence in ferroelectric materials and study of the temperature dependence of their luminous efficiencies close to the Curie point Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670078112	Weather factors affecting air operations in Upper Volta	1967
19670078115	An investigation on an electronically controllable microwave window Quarterly report, 28 Oct. 1966 - 27 Jan. 1967	1967
19670078119	Manufacturing techniques for application of a duplex W/SiW coating on tantalum components Interim progress report, 1 Feb. - 30 Apr. 1967	1967
19670078120	Description of a continuing program on tables of thermophysical properties of materials Summary technical report, 1 Jan. - 31 Dec. 1966	1967
19670078121	Recent results of the theory and investigation of the electrical conductivity of thermoplastics in strong electrical fields	1967
19670078122	Stability of filament wound cylinders under combined loading Technical report, 1 Mar. 1966 - 30 Jun. 1967	1967
19670078123	Pre-phase I for design, fabrication, and orbital testing of a space structure Final report, Jan. - Oct. 1966	1967
19670078124	Gas lubrication research for 1900 deg F non-isothermal operation. Part I - Bearing distortion effects on performance, and high temperature material investigations Final report, 1 Mar. 1966 - 1 Mar. 1967	1967
19670078125	Long range seismic measurements, NASH	1967
19670078126	Nike-Apache Speedball II round no. 101, SN 47 /24 May 1967/ Meteorological data report	1967
19670078127	Statistical description of near zone spurious emissions Final technical report, 15 Nov. 1965 - 15 Feb. 1967	1967
19670078129	Solid state ultraviolet devices for fire detection in advanced flight vehicles Final report, 1 Feb. 1966 - 28 Jan. 1967	1967
19670078130	Nike-Hydac STV, SR-056 SRE-19 /24 May 1967/ Meteorological data report	1967
19670078131	A sodium purification and general handling facility	1967
19670078132	The AFSWC portable, modular EMP generator Technical report, Jul. 1965 - Nov. 1966	1967
19670078133	Water chemistry problems in water-cooled power reactors Summary report	1967
19670078135	Geometric acoustics of the ballistics noise of supersonic aircraft and their focalization	1967
19670078139	Importance of the high pressure mass spectrometer sampling system to materials technology	1967
19670078141	Polymer structures and properties	1967
19670078142	Molecular hydrogen and deuterium laser Final report, Feb. - Jul. 1966	1967
19670078143	Evaluation techniques for flame and incendiary agents Quarterly progress report, 17 Dec. 1966 - 16 Mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078144	Photo interpretation of the Low Light Level Television /LLLTV/ experiment /D-15/ from Gemini XI spaceflight	1967
19670078145	Radant analysis studies Final report - Phase II, 1 Mar. 1966 - 1 Jan. 1967	1967
19670078150	A theoretical investigation of aerosol flashing Annual report, 1 Mar. 1966 - 28 Feb. 1967	1967
19670078152	Development of rain erosion resistant coatings Interim engineering progress report, 1 Feb. - 30 Apr. 1967	1967
19670078153	Thermocouple reference tables	1967
19670078154	Exposure of glass fiber reinforced laminates under flexural stress at the Joint Services Tropical research unit in Australia	1967
19670078155	Surface finishing of fine beryllium wire Interim engineering progress report, 1 Feb. - 1 May 1967	1967
19670078156	DOD/NASA Gemini experiment D3, mass determination. Program 631A, volume III	1967
19670078158	Laboratory evaluation of the Lockheed Missile and Space Company's pulse rebalanced accelerometer	1967
19670078159	Comparison of discrete-ordinates and Monte Carlo calculations with measurements of fast neutron spectra in paraffin shields Technical report, 17 Feb. - 17 Oct. 1966	1967
19670078160	Theory of carbon formation in vapor-phase pyrolysis. Volume I - Combat concentration of active species	1967
19670078161	Effects of front surface roughening on solar absorptivity of quartz rear surface mirror satellite coatings	1967
19670078162	Multitube forced-convection boiler flow stability Test report, Sep. 1965 - Jul. 1966	1967
19670078163	Research on infrared optical materials Interim technical report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670078164	Establishment of manufacturing methods for crossed-field amplifiers at P-, S- and X-bands Final report, 7 Jul. 1962 - 1 Jul. 1966	1967
19670078165	Welding of aluminum and aluminum alloys	1967
19670078166	Distribution of short period P-phase amplitudes over LASA	1967
19670078167	Ku-band semiconductor T-R device, production engineering measures program Quarterly progress report, 27 Oct. 1966 - 27 Jan. 1967	1967
19670078171	Investigation of performance losses and ballistics effects in solid propellant rockets Final report, 1 Mar. 1966 - 28 Feb. 1967	1967
19670078172	Systematic investigations of geodetic networks in space Annual technical report, Feb. 1966 - Feb. 1967	1967
19670078173	Hypersonic arbitrary-body aerodynamic computer program. Volume II - Program formulation and listings Final report	1967
19670078174	Development of bar process for TD nickel- molybdenum alloy Final report, 1 Jul. 1965 - 31 Dec. 1966	1967
19670078175	Terrestrial unattended reactor power system analytical studies, volume 1 Final report	1967
19670078176	Surveillance technology study and analysis. Volume V - Polarization monitor display investigation Final report, Oct. 1965 - Oct. 1966	1967
19670078177	Surveillance technology study and analysis. Volume IV - Considerations in the analysis and performance of radar systems Final report, Oct. 1965 - Oct. 1966	1967
19670078178	Surveillance technology study and analysis. Volume III - An error analysis of the reconstruction of sampled signals Final report, Oct. 1965 - Oct. 1966	1967
19670078179	Surveillance technology study and analysis. Volume II - The performance of an adaptive linear array operating against coherent interference sources Final report, Oct. 1965 - Oct. 1966	1967
19670078180	Approximate multiple configuration analysis and allocation for least weight structural design Final report, May 1966 - May 1967	1967
19670078182	Surveillance technology study and analysis. Volume I - Multifilar contrawound helical antenna study and analysis Final report, Oct. 1965 - Oct. 1966	1967
19670078183	Aerobee NASA 4.192/NRL ND 3.199 /9 May 1967/ Meteorological data report	1967
19670078184	Electronically tunable ZnY filters Interim report, 8 Nov. 1966 - 8 Mar. 1967	1967
19670078185	Development of an integrated display device Technical progress report, 7 Nov. 1966 - 28 Feb. 1967	1967
19670078186	Research with scanning electron beam microscopy Quarterly progress report, 16 Nov. 1966 - 15 Feb. 1967	1967
19670078187	Development of manufacturing methods, process controls, and computer program for fabricating weldable multilayer printed circuit boards Interim report, 4 Jan. - 4 Apr. 1967	1967
19670078188	Weather studies of the 2d weather wing	1967
19670078189	Band-model methods for computing atmospheric slant-path molecular absorption	1967
19670078190	Air Force Rocket Propulsion Laboratory seminar program - 1966 Final report	1967
19670078192	Magnetic and dielectric loss in magnetic insulators Technical report, 1 Jan. - 31 Dec. 1966	1967
19670078195	Study of manned planetary flyby missions based on Saturn/Apollo systems. Volume 1 - Summary report Final report	1967
19670078196	Application of holography to the study of optically inhomogeneous "Schlieren" fields. A - Laser interferometers	1967
19670078197	The measurement of physical properties including the Gruneisen constant, on lunar geological specimens Semiannual status report, 15 Dec. 1966 - 15 Jun. 1967	1967
19670078198	Development of effective cleaning compounds for aircraft maintenance Final report	1967
19670078199	Research on the resonant gate transistor Interim report, 1 Feb. - 30 Apr. 1967	1967
19670078200	The effect of rise time on critical dynamic load for a shallow arch Research report, 1 Aug. - 1 Dec. 1966	1967
19670078201	Terrain analysis by electromagnetic means. Laboratory investigations of the infrared emissivity of soils below a wavelength of 7.7 microns	1967
19670078202	Quarterly title list of reports etc. for the period ending March, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078203	Investigation of PbTe-SnTe single- crystal material for use in detectors of 8-14 micron radiation	1967
19670078204	Non-scanning microwave spectrum analyzer Quarterly report, 1 Mar. - 31 May 1967	1967
19670078205	New ablative plastics and composites, their formulation and processing Technical report, Feb. 1966 - Feb. 1967	1967
19670078206	Investigation of the thermodynamic properties of rocket exhaust products Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19670078207	Analysis of high altitude data Final report, 15 Dec. 1965 - 31 Dec. 1966	1967
19670078209	Atmospheric turbulence spectra from B-52 flight loads data Technical report, 1 May 1966 - 10 Mar. 1967	1967
19670078210	Structural loads data from C-141A aircraft Technical report, Jul. 1965 - Dec. 1966	1967
19670078211	Automatic satellite geosynchronization	1967
19670078212	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670078213	Feasibility study of the CH-53A horizontal stabilizer as an HF antenna	1967
19670078214	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670078215	Development of a gallium arsenide metal insulator semiconductor transistor Final technical report, 1 Jul. 1965 - 31 Dec. 1966	1967
19670078216	Vigilance - Factors influencing detection and monitoring performance Annual progress report, 1 Jun. 1966 - 31 May 1967	1967
19670078217	Nuclear explosion interaction studies. Volume II - Methods for analysis of thermal phenomena Final report, 22 Jul. 1965 - 21 Jul. 1966	1967
19670078219	Analysis of fuel tank sealants XB-70A air vehicle Summary report	1967
19670078220	Aerobee NASA 4.157 /4 May 1967/ and Aerobee NASA 4.203 UG /5 May 1967/ Meteorological data report	1967
19670078221	Thermionic temperature transducer Final report, 12 Apr. 1965 - 13 May 1966	1967
19670078222	Integrated electronic crosshair generator for TASS Gunner visual system	1967
19670078223	Mercury-sensitized photolysis of perfluorocyclobutene and 1, 3-perfluorobutadiene Research report, Sep. 1966 - Jan. 1967	1967
19670078224	Array research Final report	1967
19670078226	Neutron detection in organic scintillators using pulse shape discrimination	1967
19670078227	Aerobee NASA 4.117 GS /24 Apr. 1967/ Meteorological data report	1967
19670078228	Research on Gunn effect devices, part I Interim technical report	1967
19670078229	Experimental evaluation of a 50 KVA LABORATORY model superconducting generator Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19670078230	Improved CdTe solar cell and array environmental effects investigation Quarterly technical report, 1 Mar. - 31 May 1967	1967
19670078231	Fireball ablation. Volume V - Investigation of flow over strongly ablating slender bodies Final report, 30 Jun. - 30 Dec. 1966	1967
19670078232	Infrared diffuse reflector coating Monthly progress report, 1 - 31 May 1967	1967
19670078233	On the solution of mixed boundary value problems, that involve time-dependent boundary regions, for viscoelastic bodies with temperature-dependent properties	1967
19670078234	Evaluation of low-cost materials and manufacturing processes for large solid rocket nozzles - Analysis of performance, nozzle 6	1967
19670078235	Free-flight testing of aerodynamic decelerators in a supersonic wind tunnel	1967
19670078236	Reliability prediction techniques for flight control systems Final report, 15 Feb. 1966 - 1 Mar. 1967	1967
19670078238	Aerospace bearing - Analytical investigation Technical progress report, Jul. - Dec. 1966	1967
19670078239	Protection of floating pontoons from corrosion. Part I - Installation and initial performance of test floats Technical note, Jun. 1966 - Mar. 1967	1967
19670078240	The synthesis of ferrite monocrystals with the aid of chemical transport reactions and their structural properties	1967
19670078241	Fin shock/boundary-layer interaction tests on a flat plate with blunted fins at M infinity equals 3 and 5	1967
19670078243	Statistical properties of orbit perturbations induced by the earth's anomalous gravity Research report, 15 Oct. 1965 - 1 Dec. 1966	1967
19670078244	Production engineering measure for silicon linear integrated circuits Quarterly progress report, 20 Oct. 1966 - 20 Jan. 1967	1967
19670078247	Stress concentration factors for reinforced rounded-square holes in sheets	1967
19670078248	Experiments on hypersonic lifting bodies	1967
19670078250	The stresses around holes in plane sheets	1967
19670078253	Jet fuel decontamination studies Interim technical report, 15 Jun. 1966 - 9 Jan. 1967	1967
19670078254	Journal of mechanical engineering /selected articles/	1967
19670078255	Shock tubes and their application	1967
19670078256	Turbulent boundary layers on a flat plate in a highly turbulent gas flow	1967
19670078257	Flexible integrated solar cell array Quarterly report, 1 Mar. - 1 Jun. 1967	1967
19670078259	Whistler-mode propagation studies using Navy VLF transmitters Final report, 1 Jul. 1956 - 30 Jun. 1966	1967
19670078260	Some variable-parameter, steady-state diffusion results	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078261	Research on new concepts in energy conversion Quarterly technical progress report, 1 Mar. - 31 May 1967	1967
19670078262	Investigation of gallium arsenide - Indium arsenide alloy systems Interim report, 15 Jan. - 15 Apr. 1967	1967
19670078265	Studies of metals under high rates of loading Progress report	1967
19670078266	The AED approach to generalized computer- aided design	1967
19670078267	Orbiting Solar Observatory D /OSO-D/	1967
19670078268	A statistical report on OGO-A telemetry data	1967
19670078269	Nimbus meteorological satellite integration and testing Quarterly progress report, 16 Feb. - 15 May 1967	1967
19670078270	Variable parameter terrain avoidance radar study Interim report, 1 Mar. - 30 Nov. 1966	1967
19670078271	Investigation of oxidic-type materials as high temperature protective coatings for tungsten Progress report, 1 Nov. 1966 - 28 Feb. 1967	1967
19670078272	Temperature activated galvanic cell for self- powered aircraft fire-detection system Final report, 1 Apr. 1966 - 31 Mar. 1967	1967
19670078273	Development of die materials for hot extrusion of steel and refractory metals Interim technical engineering report no. 7, 1 Jan. - 31 Mar. 1967	1967
19670078274	The detection threshold at the Montana LASA	1967
19670078275	A method for calculating the buckling pressure of thin shells of revolution using Thuloup's general theory of elastic buckling, parts I and II	1967
19670078276	Manned space flight emergency concepts, part 1 Monthly progress report, period ending 9 Jun. 1967	1967
19670078277	A spectroscopic investigation of photo- and thermochromism Final report	1967
19670078278	Scalar product for harmonic function of the group SU/2/	1967
19670078279	Analytical and experimental studies of sound suppressor components	1967
19670078280	Chemically activated pressure sintering of oxides Summary technical report, Jul. 1965 - Jul. 1966	1967
19670078281	Studies in high temperature mass spectrometry Final report, 1 Mar. 1959 - 31 Dec. 1966	1967
19670078282	Solid film lubrication research Quarterly progress report, 1 Mar. - 1 Jun. 1967	1967
19670078283	High energy propellant beryllium thrust chamber program, /phase I report/	1967
19670078285	Magnesium-lithium alloy casting development Interim engineering progress report, 1 Jan. - 30 Apr. 1967	1967
19670078286	Project APEQS solar eclipse expedition	1967
19670078287	Degradation and re-utilization of poly-beta- hydroxybutyric acid through hydrogenomonas H 16	1967
19670078288	Determination of cook-off temperatures. The journal of the JANAF FUZE committee	1967
19670078290	Development of a high voltage switching transistor Interim technical report, 1 Jan. - 20 Apr. 1967	1967
19670078291	The metal composites, their reinforcing components, and their problem areas	1967
19670078292	Correlation of amplitude anomalies at LASA	1967
19670078294	Study of some hand-computing techniques to determine the approximate short period mode from airplane responses	1967
19670078295	Fluorine toxicity studies Status progress report	1967
19670078296	Tetrahedron flow beam geometry for microwave tubes Triannual report, 4 Oct. 1966 - 3 Feb. 1967	1967
19670078297	Defect behavior in semiconductors Final report	1967
19670078298	Assessment of test program alternative - Large ballistic launch vehicle recovery and reuse study Final engineering report	1967
19670078300	A method of time calibration for time-of- flight experiments in nuclear physics	1967
19670078301	The durability of Fingal glass. Part 2 - The effect of irradiation at ambient temperature	1967
19670078302	Research and development of semiconductor diodes for use in harmonic generator applications using single diodes Quarterly progress report, 20 Dec. 1966 - 19 Mar. 1967	1967
19670078303	Long-life cold cathode studies for crossed- field tubes Quarterly report, 15 Jan. - 15 Apr. 1967	1967
19670078304	Effects of lubricants on helicopter spur gear fatigue Quarterly progress report, Feb. - Apr. 1967	1967
19670078305	Neodymium inorganic aprotic liquid laser	1967
19670078306	Microwave generation by means of interaction with anisotropic media Quarterly progress report, 15 Dec. 1966 - 15 Mar. 1967	1967
19670078307	Large scale integrated circuit array Quarterly report, 15 Nov. 1966 - 15 Feb. 1967	1967
19670078308	Manufacturing methods for producing L-605 hardware Interim progress report, 1 Apr. - 30 Jun. 1967	1967
19670078309	Analytical, experimental and developmental work for a radiative heating system. Volume III Final report	1967
19670078310	Improvement in InSb detector arrays Interim engineering progress report no. 2, 15 Dec. 1966 - 15 Mar. 1967	1967
19670078311	A Method of Solving Sets of Non-Linear Algebraic Equations Progress Report	1967
19670078313	Design, fabrication and test of an aerospace plane beryllium wing-box Final report, May 1964 - Jan. 1967	1967
19670078314	Development of instrumentation to search for neutrons and gamma rays from solar surface nuclear reactions /conduct scientific balloon experiments with the instrumentation/ Semiannual status report, 1 Feb. - 31 Jul. 1967	1967
19670078315	Investigation of long range intercept and analysis techniques Quarterly report	1967
19670078316	Proficiency flying program study Final report, Jun. 1966 - Feb. 1967	1967
19670078318	The influence of temperature on reversed creep	1967
19670078319	Technical evaluation of a blind speed avoidance field change kit for radar set AN/MPN-5 Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078320	Manufacturing processes, techniques and equipment for epitaxially depositing thin film of polycrystalline zinc oxide on suitable refractory substrates, using the vapor transport and/or hydrothermal techniques Interim engineering progress report, 23 Aug. - 23 Nov. 1966	1967
19670078323	Silicon oxide films for semiconducting devices Annual report	1967
19670078324	Six thousand-pound-capacity helicopter cargo hook Interim report	1967
19670078325	COMIL - Input definition language for COMO III	1967
19670078327	Development of molecular electronic display structures Interim technical report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670078328	The use of distributed boundary-layer suction to control flow separation at supersonic Mach numbers	1967
19670078329	Liquid and solid reagents Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670078330	An investigation of the capability of a combustion driven self-excited MHD generator to produce high energy electrical impulses Final technical report, 1 May 1965 - 31 Dec. 1966	1967
19670078331	Results of developmental research on an augmentation technique for a light gas gun Final report, 1 Jan. 1965 - 1 Nov. 1966	1967
19670078332	Electron temperature measurements with cylindrical Langmuir probes	1967
19670078333	Method of calculating eigenvectors and eigenvalues from the density matrix	1967
19670078334	Manned planetary flyby missions based on Saturn/Apollo systems. Volume 6 - Subsystems analysis. Part III - Guidance and control, propulsion, hyperbolic earth entry Final report	1967
19670078335	Gravity gradient stabilization of orbiting geophysical observatory	1967
19670078336	Improved frequency standard design quarterly progress report, 7 Mar. - 7 Jun. 1967	1967
19670078337	Conversion of millimeter wave images into visible displays	1967
19670078338	Research chambers at the Aerospace Environmental Facility	1967
19670078341	The hardness of irradiated graphite	1967
19670078343	Development of nondestructive methods for the quantitative evaluation of glass-reinforced plastics Summary technical report, 1 Jul. 1965 - 31 May 1966	1967
19670078344	Solid film lubrication research Quarterly progress report, 1 Dec. 1966 - 1 Mar. 1967	1967
19670078345	Aerodynamic gas spike for re-entry vehicle communications studies Interim technical report	1967
19670078346	Manned planetary flyby missions based on Saturn/Apollo systems - Volume 5 - Spacecraft design. Part I - Design integration Final report	1967
19670078347	Space communications Quarterly technical summary, 1 Mar. - 31 May 1967	1967
19670078349	Array applications to satellite communications problems - Phased transmission and multiple access techniques Final report, 11 Jan. 1965 - 25 Jan. 1967	1967
19670078350	Study of an electrical power system for support of a 12-man lunar base	1967
19670078351	Manned planetary flyby missions based on Saturn/Apollo systems. Volume 3 - Missions data book Final report	1967
19670078353	Identification of exhaust species from the combustion of LM and LMH fuels Quarterly report, 1 Mar. - 31 May 1967	1967
19670078354	Annual progress report, 1 July 1966 - 30 June 1967	1967
19670078355	Eddy current devices for crack detection	1967
19670078356	Coarse resolution image dissector Final technical report, Nov. 1965 - Nov. 1966	1967
19670078357	Failure mechanisms in semiconductor diodes Semi-annual report, 4 Jul. 1966 - 4 Jan. 1967	1967
19670078358	AN/ASN-24/V navigation computer limited airdrop evaluation Final report	1967
19670078359	Production tool for diffusion bonding Interim engineering progress report, 1 Mar. - 31 May 1967	1967
19670078360	Manned planetary flyby missions based on Saturn/Apollo systems. Volume 7 - Scientific and engineering data. Part II FINAL report	1967
19670078361	Study and research work on development of digital vacuum transducer Quarterly report, /phase I summary/	1967
19670078363	Simulation of unstabilized maneuvering units	1967
19670078364	JOMREAD, a computer code designed to check 3D geometries Technical report, May 1966 - Apr. 1967	1967
19670078365	Investigation of transition metal oxides Quarterly report, Nov. 1966 - Jan. 1967	1967
19670078366	Radiation effects in thin film transistors Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670078367	Permanent tube joint technology Interim report, 1 Jul. 1966 - 30 Apr. 1967	1967
19670078370	Development of design criteria for composite materials Summary technical report, 2 Mar. 1966 - 1 Mar. 1967	1967
19670078371	Optimum control of air to surface missiles Final report, Mar. 1965 - Mar. 1966	1967
19670078372	Tropo-scatter multichannel digital systems study Final report, Jan. 1966 - Feb. 1967	1967
19670078373	Theory of pitch steering for ascent guidance	1967
19670078374	Accuracy in launch vehicle cost analysis	1967
19670078375	Development of manufacturing methods, process controls, and computer program for fabricating weldable multilayer printed circuit boards Interim technical report, Jan. - Apr. 1967	1967
19670078376	Studies on structural relations in crystalline and vitreous compounds Final report, Mar. 1966 - Feb. 1967	1967
19670078378	Development of a 1-watt, 2GHz silicon UHF POWER transistor Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670078380	Electrical propulsion test facility development study Summary report, Jul. 1962 - Jun. 1966	1967
19670078381	Honeycomb ceramic radome techniques Interim technical report, 1 Oct. 1966 - 1 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078383	Development of incremental thermal energy recorder Final report	1967
19670078384	Transmission of intense laser radiation Final technical report	1967
19670078385	Airborne positioning and attitude data applications study, phase I Final technical report	1967
19670078386	Gunn effect devices Quarterly technical report, 15 Nov. 1966 - 15 Mar. 1967	1967
19670078387	Structure of iron alloys Summary report, Oct. 1963 - Aug. 1966	1967
19670078388	An experimental study of the Weibull volume theory Summary report, 28 May - 31 Dec. 1965	1967
19670078393	Soviet actinometric data. Volume II - Compilation of data	1967
19670078395	Manufacturing processes, techniques and equipment for epitaxially depositing thin film or polycrystalline zinc oxide on suitable refractory substrates, using the vapor transport and/or hydrothermal techniques Interim engineering progress report, 23 Nov. 1966 - 23 Feb. 1967	1967
19670078396	Acoustic radiation by membranes	1967
19670078397	Thin silicon solar cells by ion implantation Final report, 25 Jan. 1966 - 27 Jun. 1967	1967
19670078398	Blue Goose wind correction analysis Technical report, Jun. 1964 - Mar. 1966	1967
19670078399	Evaluation of an airport traffic signal system concept Final report	1967
19670078400	C-141A category II lightweight stability and control tests Final flight test report, 7 Sep. - 5 Oct. 1966	1967
19670078401	Aerobee NASA 4.848 UG /2 Mar. 1967/ Meteorological data report	1967
19670078402	Athena C-048, flight no. 066 /2 Mar. 1967/ Meteorological data report	1967
19670078403	Little John missile no. 1105, round no. 656 RM /20 Apr. 1967/ Meteorological data report	1967
19670078404	Athena D-030 flight no. 076 /4 May 1967/, Athena B-033 flight no. 077 /5 May 1967/, Athena B-032 flight no. 078 /5 May 1967/, Meteorological data report	1967
19670078405	Aerobee NRL/NB 3.177 /16 May 1967/ Meteorological data report	1967
19670078407	Airborne positioning and attitude data applications study, phase II Final technical report	1967
19670078409	Investigation of PbTe-SnTe single-crystal material for use in detectors of 8 to 14-micron radiation Interim technical report	1967
19670078411	The behavior of soldered joints with plated- through holes in an environmental test	1967
19670078412	Development of a dew/frost point measuring system for the NASA Convair 990 meteorological flight	1967
19670078413	Constant current elements Final report	1967
19670078416	Substantiating report for CH-53A flight manual performance, January - June 1966	1967
19670078417	Experimental investigation of neutron and gamma radiation effects on semiconductor differential amplifiers	1967
19670078418	Aerobee NASA 4.160 /2 Mar. 1967/ Meteorological data report	1967
19670078419	Production engineering measure for low field magnetron BL-234C Quarterly progress report, 28 Oct. 1966 - 28 Jan. 1967	1967
19670078420	Jet fuel decontamination studies Interim report, 9 Jan. - 10 Jun. 1967	1967
19670078421	Radio-operated light control for Skyhook night lift line Final report	1967
19670078422	Massive ablation of a cone in high temperature supersonic flow	1967
19670078423	Mechanical Properties Data Center operation and development Summary report, 1 Sep. 1965 - 31 Oct. 1966	1967
19670078426	Study of a velocity and density probe for non-equilibrium supersonic flow Technical report, Jul. 1966 - May 1967	1967
19670078428	Self-adhesive strain gauges	1967
19670078430	Contribution to the study of the oxidative mechanism in yeast, at the subcellular level	1967
19670078431	A contribution to the problem of evaluating the chemical resistance of enamel	1967
19670078432	Reflection of a lightwave bounded on the side at the less dense medium at some distance from the critical angle of total reflection	1967
19670078435	Solid-state R.F. generator Final report, May 1963 - Mar. 1967	1967
19670078436	Translation between artificial programming languages	1967
19670078437	Study of manned planetary flyby missions based on Saturn/Apollo systems. Volume 4 - ELV-OLV requirements and performance Final report	1967
19670078438	Study of manned planetary flyby missions based on Saturn/Apollo systems. Volume 5 - Spacecraft design. Part III - Meteoroid protection, structures, weights Final report	1967
19670078439	Study of manned planetary flyby missions based on Saturn/Apollo systems. Volume 6 - Subsystem analysis. Part I - Environmental control and life systems Final report	1967
19670078440	Arc Structure in a Magnetic Annular Discharge	1967
19670078441	The modulation transfer function of a random medium	1967
19670078442	Weather factors affecting air operations in Mauritania and Mali	1967
19670078444	Variable polarizer Semiannual report, Jul. 1966 - Feb. 1967	1967
19670078445	Low profile interrupted coaxial and strip line radiators Final technical report, Feb. 1966 - Feb. 1967	1967
19670078446	Compilation of helium transition probabilities	1967
19670078447	HAWK S-band telemetry antenna investigation	1967
19670078448	Fracture toughness characterization of the 5Ni-Cr-Mo-V HY-130/T/ steel weldment /NObs-88540/ Summary progress report	1967
19670078449	Aeroelasticity as a consideration in aerodynamic design of rolling unguided research rockets	1967
19670078450	High-strength, broadband, lightweight silicon oxide radome techniques Interim technical report, 1 Mar. - 31 May 1967	1967
19670078451	Advanced gallium arsenide technology Interim engineering progress report, Feb. 1 - Apr. 30, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078453	Study of manned planetary flyby missions based on Saturn/Apollo systems. Volume 6 - Subsystems analysis. Part II - Electrical power Final report	1967
19670078454	L-band tetrodes Quarterly progress report, 1 Jan. 1967 - 31 Mar. 1967	1967
19670078455	Improvement of propeller static thrust estimation Status report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670078456	Development of high temperature continuous rolling process for forming minimum radii titanium sections Interim engineering progress report, 1 Dec. 1966 - 1 Aug. 1967	1967
19670078457	Refractory tube test chamber and materials evaluation program, phase I Technical report, Jul. 1965 - Aug. 1966	1967
19670078458	Reflection amplification with active two- ports Final report, 18 Feb. - 17 Dec. 1967	1967
19670078459	Double-base binder improvement Quarterly technical report, 1 Mar. - 31 May 1967	1967
19670078460	Response of nonlinear structures to random excitations Final report, 1 Oct. 1965 - 31 Oct. 1966	1967
19670078461	Organic reactions in the solid state and solid solutions Final technical report, Mar. 1966 - Feb. 1967	1967
19670078462	The characterization and penetration of metal oxide films Semiannual progress report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670078463	Evaluation of solar heat reflecting paints for reducing thermal stress	1967
19670078464	Technical manual Apollo/Saturn V launch complex 39 mobile launcher service arms operations and maintenance. S-IC forward service arm system	1967
19670078466	A signal detection technique for infrared systems	1967
19670078467	Results obtained with the STC meteor-burst communication system	1967
19670078468	Microwave measurements of nonequilibrium air plasmas behind shock waves containing electrophilic gases	1967
19670078469	Study of manned planetary flyby missions based on Saturn/Apollo systems. Volume 9 - Resource analysis and evaluation Final report	1967
19670078470	Study of manned planetary flyby missions based on Saturn/Apollo systems. Volume 8 - Probe designs Final report	1967
19670078471	Study of manned planetary flyby missions based on Saturn/Apollo systems. Volume 7 - Scientific and engineering data, part I Final report	1967
19670078472	Study of manned planetary flyby missions based on Saturn/Apollo systems. Volume 6 - Subsystems analysis. Part IV - Telecommunications Final report	1967
19670078473	Assessment of test program alternative-large ballistic launch vehicle recovery and reuse study Research and technology implications report	1967
19670078474	Edge restraint rolling of difficult-to-work materials Interim engineering progress report, 16 Apr. - 15 Jul. 1967	1967
19670078475	Photon activation analysis using the electron linear accelerator at Harwell	1967
19670078476	Deposition of tungsten by reduction of the hexafluoride with hydrogen in the vapor phase - Process variables and properties of the deposit Summary technical report 1 Nov. 1963 - 31 Dec. 1965	1967
19670078477	A method of measuring equipment response time	1967
19670078478	Design and development of a miniature nonreciprocating closed-cycle cryogenic cooler Final report, 1 Jul. 1963 - 1 Jul. 1966	1967
19670078479	Convective and absolute ion cyclotron instabilities in homogeneous plasmas	1967
19670078480	Low voltage, transistor-switched capacitor bank for determining pulsed magnetic field distributions	1967
19670078481	Single particle motion in toroidal stellarator fields	1967
19670078485	Investigation of the combustion mechanism of solid rocket propellants	1967
19670078486	Investigation and compilation of the thermodynamic properties of high temperature chemical species Quarterly technical report, 1 Apr. - 30 Jun. 1967	1967
19670078487	High energy impact forging study Interim engineering progress report no. 1, 1 Dec. 1966 - 30 Apr. 1967	1967
19670078488	Development of a C.W. stable single mode helium neon gas laser Final engineering report	1967
19670078489	Large-scale integrated circuit arrays Interim technical report, 1 Apr. - 30 Jun. 1967	1967
19670078490	Development of manufacturing method for an extremely long life tunable ICEM MAGNETRON Interim engineering progress report, 1 Jan. 1966 - 1 Apr. 1967	1967
19670078491	Adhesion between tire and roadway	1967
19670078492	Trends in partial pressure measurement	1967
19670078493	An investigation into the metallographic examination of sodium	1967
19670078494	Manned planetary flyby missions based on Saturn/Apollo systems. Volume 5 - Spacecraft design. Part II - Radiation protection Final report	1967
19670078496	Heat-flux measurements at the insulation of cryogenic propellants tanks	1967
19670078497	Evaluation of Kearfott C70-2414-001 two axis accelerometer Final report	1967
19670078498	Speed buffering and digital combining techniques Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670078499	A multifrequency acoustic transmitting system	1967
19670078500	Planar converters for radioisotope generators Quarterly progress report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670078501	An investigation of the effects of high intensity light adaptation on electronic display visibility	1967
19670078503	A print-out convertor for 6 electronic time-measuring apparatus	1967
19670078504	Vibrational-rotational structure in the spectra of certain simple molecules in solution	1967
19670078506	The complete estimation of the state of strain of surfaces by photoelastic strip-layers	1967
19670078507	Millimeter communication propagation program extension, volume 1, sections 1 through 3 Final report, 28 Mar. 1966 - 27 Feb. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078508	Range extension of a CH-3C by flying in formation with an HC-130H Final report	1967
19670078509	The brittle fracture of alumina Final technical report, Feb. 1966 - Jan. 1967	1967
19670078510	Development of manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering progress report no. V, 1 Feb. - 30 Apr. 1967	1967
19670078511	Numerically controlled gas tungsten arc welding technology development Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670078512	Colorsonde for aerial determination of shallow water depth Final report	1967
19670078513	V/STOL remote lift/cruise fan investigations. Volume II. Results of phase BII, COMPONENT and full scale lift/cruise fan test Final report	1967
19670078514	Research on the opacity of low-temperature air - Oscillator strengths and transition moments of molecular band systems Technical report, 15 Sep. 1965 - 18 Nov. 1966	1967
19670078515	Modularized image interpretation equipment. Volume II - Functional specifications Final report	1967
19670078516	Modularized image interpretation equipment, volume I Final report	1967
19670078517	Millimeter communication propagation program extension, volume 2, sections 4 through 8, and appendices Final report, 28 Mar. 1966 - 27 Feb. 1967	1967
19670078518	Millimeter communication propagation program extension, volume 3, section 9 Final report, 28 Mar. 1966 - 27 Feb. 1967	1967
19670078519	Assessment of test program alternative - Large ballistic launch vehicle recovery and reuse study, volume II Final engineering report	1967
19670078520	The representation of elastic solids by space lattices	1967
19670078521	Large-area electronic display panel Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670078523	Apollo support program Quarterly progress report, Apr. - Jun. 1967	1967
19670078524	Prototype acquisition and tracking system for optical radar Interim report	1967
19670078526	Interferometric determination of the drift pulse induced variations of the ultrasonic group velocity in cadmium sulfide Technical report, Mar. 1965 - May 1967	1967
19670078527	Transient temperature distribution within thermal sensing elements	1967
19670078528	Application of method for predicting thermal error in measurement of ground temperature	1967
19670078529	A sea level cosmic ray search for minimum ionization magnetic monopoles Semiannual status report	1967
19670078531	Microbiological ecology measurement system study	1967
19670078532	The protection of pilots against nuclear flash-blindness	1967
19670078533	Radiation effects on electronic parts and materials Quarterly report, 15 Sep. - 14 Dec. 1966	1967
19670078534	The determination of the stability probability of stochastic systems	1967
19670078535	Study of grinding process as applied to high- strength and thermal-resistant alloys Interim engineering progress report, 1 Jan. - 31 Mar. 1967	1967
19670078536	Investigation of energy levels in foil excited atomic beams Semiannual status report, 1 Feb. - 31 Jul. 1967	1967
19670078537	Investigation of crew escape concepts for VTOL and low-altitude dash vehicles Final technical report, Feb. 1965 - Jul. 1966	1967
19670078538	Measurement of electron temperatures produced by collisionless shock waves in a magnetised plasma	1967
19670078539	A graphical output language and its implementation	1967
19670078540	Scattering function estimation	1967
19670078541	Research on the deflagration of high-energy solid oxidizers Quarterly technical summary report no. 6, 1 Mar. - 31 May 1967	1967
19670078542	Assessment of test program alternative-large ballistic launch vehicle recovery and reuse study	1967
19670078543	A study of the photochemical hydrogen-fluorine reaction Final report, 1 Feb. 1966 - 1 Feb. 1967	1967
19670078544	Heat treatment by molten glass Final report, 2 Jun. 1964 - 30 Apr. 1967	1967
19670078545	Semiconductor and O-type amplifier investigations Quarterly progress report, 1 Dec. 1966 - 1 Mar. 1967	1967
19670078546	Absorption of light in gases Final report, 1 Nov. 1964 - 31 Jul. 1967	1967
19670078547	Chicksan Company swivel joint pipe assembly, part no. 3198914 Test report	1967
19670078548	Advanced experimental techniques for study of hypervelocity flight, volume II	1967
19670078549	Parametric studies of light-gas guns	1967
19670078550	Prepared comments on the calculation and measurement of the performance of hypervelocity launchers	1967
19670078551	An investigation of projectile integrity using computer techniques	1967
19670078552	Results of developmental research on an augmentation technique for a light gas gun	1967
19670078553	A multi-frequency system of broadside microwave probes for the measurement of wake electron densities	1967
19670078554	Recent developments in the use of chemical explosives for hypervelocity test devices	1967
19670078555	Study of mission modes and system analysis for lunar exploration. Phase 1 - Lunar base electrical power subsystems	1967
19670078556	Beryllium - Review of recent developments	1967
19670078558	Doppler optical navigator Interim engineering report, 1 Feb. - 30 Apr. 1967	1967
19670078559	Experimental and theoretical studies of energetic particles and electrodynamic processes in interplanetary space and in the vicinity of planets Semiannual status reports, 1 Aug. 1966 - 31 Jan. 1967 and 1 Feb. - 31 Jul. 1967	1967
19670078563	The low-speed wind tunnel of the DVL in Porz-Wahn. Part II. Improvements and developments in properties and equipment	1967
19670078564	Hybrid techniques for multiple target data processing Interim technical report, 1 Feb. - 15 May 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078565	The effect of thunderstorm activity in the MF survivable communications system Final report	1967
19670078566	Research on hollow gridded guns Annual report	1967
19670078568	Particle size analysis of ammonium perchlorate by the M-S-A sedimentation method	1967
19670078569	Surveillance of rocket catapults MK 1 Mod 1 /RAPEC I/	1967
19670078570	Hot pressed LiF thermal neutron shields	1967
19670078571	Phased array module, Mark II Quarterly progress report, 2 Nov. 1966 - 2 Feb. 1967	1967
19670078572	Free-flight range test of the 20-mm M56A2 SHELL with a modified M505E3 fuze Technical report, 20 Dec. 1966 - 17 Jan. 1967	1967
19670078573	Terrestrial unattended reactor power system analytical studies, volume 2 Final report	1967
19670078575	Protective structures and components Surveys of Chinese communist scientific and technical literature	1967
19670078577	VTOL transport program Monthly progress report, Feb. 1967	1967
19670078579	Extensions to theory of time series analysis Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19670078581	Waveform and spectrum distortion of narrowband signals in noise caused by non-linear memoryless devices, with applications to quantizers	1967
19670078583	Integrated circuit counter-timer for unmanned surveillance equipment	1967
19670078585	A theory of the effect of crystallite boundaries on the principal thermal conductivities of highly oriented graphite	1967
19670078588	Shock resistance of sonar transducers Summary report no. 3	1967
19670078591	Chemistry research quarterly progress report, April - June 1966 /U/	1967
19670078592	Research in chemistry /U/ Quarterly progress report, Oct. - Dec. 1966	1967
19670078593	RK 8129 amplatron improvement program /U/ Interim development report, Oct. - Dec. 1966	1967
19670078594	Performance characteristics of an air-augmented solid-propellant rocket at Mach numbers of 0.59, 0.74, 0.90, and 1.18 /U/	1967
19670078596	Summary of NF propellant symposium /U/	1967
19670078597	Satellite UHF phased array antenna techniques /U/ Semiannual report, Jul. - Dec. 1966	1967
19670078598	P-3 communications /U/ Interim report, 26 Oct. - 30 Dec. 1966	1967
19670078602	SV-5D PRIME test flight no. 1, flight analysis /U/	1967
19670078603	Kinetics of decomposition of solid oxidizers /U/ Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19670078604	Preliminary plant design and cost estimate for production of TVOPA and NFPA POLYMER /U/	1967
19670078605	Feasibility study of passive radio mapping /U/ Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670078607	Advanced Engine Design Study, Bell /AEB/ /U/ Final Report, Jun. 1964 - Jul. 1967	1967
19670078608	Advanced Engine Design Study, Bell /AEB/ /U/ Final Report, Jun. 1964 - Jul. 1967	1967
19670078609	Advanced Engine Design Study, Bell /AEB/ - Control System Study /U/	1967
19670078614	LMH-1/hydrazine heterogeneous propellant development /U/ Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670078616	Functionally terminated high energy prepolymers /U/ Quarterly technical summary report no. 3, 1 Nov. 1966 - 31 Jan. 1967	1967
19670078617	Synthesis of energetic oxidizers /U/ Quarterly technical progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670078621	Performance evaluation of a Rocketdyne aerodynamic spike nozzle configuration /U/	1967
19670078622	Cross-linked modified cellulose nitrate /U/	1967
19670078626	Surveillance of Tarter Rocket Motor Mk 1 Mod O /U/	1967
19670078628	J-2 program bimonthly progress report, May - June 1967 /U/	1967
19670078629	Stellar acquisition feasibility flights /U/ Program progress report no. 50, Apr. 1967	1967
19670078630	Design, Fabricate, and Test Breadboard Liquid Hydrogen Pump /U/ Final Report	1967
19670078633	Research and Exploratory Development for the Office of Aeronautical Research, National Aeronautics and Space Administration /U/ Quarterly Report, Apr. - Jun. 1967	1967
19670078634	Chemical propulsion newsletter, volume 3, number 10 /U/	1967
19670078636	Air launched missile propulsion study /U/	1967
19670078637	Evaluation of Laminated Porous Material for High-temperature Air-cooled Turbine Blades /U/ Final Report	1967
19670078638	Anti-tank missile guidance and control - An annotated bibliography /U/	1967
19670078639	Investigation of heating in gaps at Mach number 10 /U/	1967
19670078640	Technical letter NASA-75. Use of infrared imagery and color photography in study of missile impact craters	1967
19670078641	Optimum forming processes and equipment necessary to produce high quality, close tolerance titanium alloy parts Interim engineering progress report no. 3, 1 Feb. - 31 May 1967	1967
19670078642	Evaluation of low-cost materials and manufacturing processes for large solid rocket nozzles. Analysis of performance, nozzle no. 8	1967
19670078645	Design concept for a technique of impulse control /U/ Final technical report, 1 Jan. - 31 Dec. 1965	1967
19670078646	Design concept for a technique of impulse control /U/	1967
19670078647	Theoretical thermal analysis to establish barrier performance criteria, appendix I /U/	1967
19670078648	Empirical trajectory analysis of target dispersion reduction in Little John missile incorporating barrier technique of impulse control, appendix II /U/	1967
19670078649	Design of concept feasibility demonstration motor for phase IV of design concept of a technique of impulse control program, appendix III /U/	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078650	Design of gas generator to achieve barrier burnthrough on concept feasibility demonstration motor, appendix IV /U/	1967
19670078651	Preliminary design of Little John rocket motor /TX-167-7/ incorporating barrier concept of impulse control, appendix V /U/	1967
19670078653	Lectures on transform methods	1967
19670078654	The stress intensity factor for a Griffith crack in an elastic body in which body forces are acting	1967
19670078655	The stress intensity factor for a penny- shaped crack in an elastic body under the action of symmetric body forces	1967
19670078656	Inversion formulae for integral transform pairs of general kinds	1967
19670078657	The inversion of Hankel transforms of order zero and unity	1967
19670078658	Lectures on Kontorovich-Lebedev transforms and some of their applications	1967
19670078659	Fibrous reinforcements for space applications	1967
19670078660	The digital computer program AMUSIM - An analysis of the dynamic performance of an astronaut maneuvering system	1967
19670078661	Exploratory development program to prove the feasibility of solid-state switching for a complex electrical control network Final report, 1 Dec. 1965 - 31 May 1967	1967
19670078662	Diagonal conducting wall generators	1967
19670078663	Development of engineering data on titanium extrusion for use in aerospace design Summary technical report, 27 Jun. 1966 - 31 May 1967	1967
19670078664	Experimental study of heat transfer from a heated elliptical cylinder in two-phase /air-water spray/ flow	1967
19670078667	The investigation of microelectronic thermal sensors for circuit effects measurements Final report, Mar. 1966 - Mar. 1967	1967
19670078668	Ionospheric Telecommunications Laboratory Progress report, Jul. - Dec. 1966	1967
19670078669	High voltage power line siting criteria. Volume II - Application of prediction techniques to communication and electronic sites Final report	1967
19670078670	The heat pipe	1967
19670078672	Evaluation of 300 KVP X-ray apparatus for EOD Final report	1967
19670078673	ELM - Valveless propellant injection Summary report, 18 Apr. 1966 - 17 Apr. 1967	1967
19670078674	An investigation of polarization phenomena produced by space objects	1967
19670078675	Performance of a space vehicle thermal control system with variable effectiveness radiator	1967
19670078676	Research on hydrazine decomposition Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670078677	Turbine engine compressor blade checkout Final report, Apr. 1966 - Apr. 1967	1967
19670078678	Full scale subsonic wind tunnel tests of fully equipped 75 and 5 percentile dummies	1967
19670078679	Application of the subdomain /Biezeno-Koch/ method to circular plate bending	1967
19670078680	Mechanical recorder rectilinearizer Interim technical report, 6 Feb. - 1 May 1967	1967
19670078681	Foreign high-energy batteries Surveys of foreign scientific and technical literature	1967
19670078682	Thrust variation of a gaseous propellant rocket engine	1967
19670078683	The lattice parameters of titanium at cryogenic temperatures	1967
19670078684	Integrated solid state time delay amplifiers Interim technical report, Dec. 1966 - Mar. 1967	1967
19670078685	Chemical reaction to electromagnetic wave conversion study Final report	1967
19670078686	High temperature reverse bias testing and failure mechanism analysis of integrated circuits Final report	1967
19670078687	Production Engineering Measurement /PEM/ FOR a germanium microwave transistor, volume I Final report, 30 Jun. 1964 - 28 Feb. 1967	1967
19670078688	Gas turbine regenerators for marine environment Quarterly progress report, Apr. - Jun. 1967	1967
19670078689	Quarterly reliability and quality assurance report. Volume II - Quality assurance	1967
19670078690	Program 624A quarterly reliability and quality assurance report. Volume I - Reliability	1967
19670078691	Effect of sulfur in JP-5 fuel on hot corrosion of coated superalloys in marine environment Final summary report, 1 Apr. 1966 - 31 Mar. 1967	1967
19670078692	Research to optimize the filament-wound toroidal tire to provide performance to tests of specification MIL-T-5041D at minimum weight Final report, Apr. - Mar. 1967	1967
19670078693	The Institute for the Study of Metals Quarterly report	1967
19670078694	Tradeoff study of a new cryogenic stage for manned planetary exploration, volume II FINAL technical report, 15 May - 22 Sep. 1967	1967
19670078695	A basic study of the sliding contacts in rolling bearings Project III Final report, 16 Apr. - 16 Jul. 1967	1967
19670078696	Subtractive light flat panel display Interim technical report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670078697	Metal-gallium arsenide microwave diodes Annual report	1967
19670078698	Human exposure to particulate debris from aerospace nuclear applications	1967
19670078699	Day-night visual simulator trainer attachment type SMK-23/F37A-T /prototype/	1967
19670078700	Atmospheric models for use in hydrodynamic computer codes	1967
19670078701	Feasibility study large erectable antennas Extension Monthly progress report, 15 Aug. - 15 Sep. 1967	1967
19670078702	Thermal vacuum test of the OV2-5 satellite using a new off-axis solar simulator, 9 January - 9 March 1967	1967
19670078703	Multicomponent strain seismograph Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670078704	Anti-clutter techniques feasibility demonstration Interim technical report, Jan. - Mar. 1967	1967
19670078705	Variable capacitance diode production engineering measurements program Quarterly report, 28 Dec. 1966 - 27 Mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078706	The strength of thermoplastics in relation to processing conditions	1967
19670078707	On one-dimensional frictionless compressible gas flow with heat addition and area change under particular consideration of the transonic region	1967
19670078708	Production and study of new types of PVC STABILIZERS in the Hungarian People's Republic	1967
19670078709	A study of terminal flight path control in carrier landings Final report	1967
19670078710	Properties of reflected stress waves Final report, 1 Apr. 1965 - 15 Jun. 1966	1967
19670078711	Dual range pressure transducer Final report, 1 Jun. 1965 - 30 Nov. 1966	1967
19670078712	VHF/UHF/SHF signal reception and antenna investigations	1967
19670078713	Review of recent developments, metalworking	1967
19670078714	A statistical design and analysis for sensitivity experiments	1967
19670078715	Study of low cycle fatigue under multiaxial strain cycling Progress report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670078716	Prevention of titanium stress corrosion cracking	1967
19670078717	Radar wave propagation bibliography	1967
19670078718	Water impact loads on structures	1967
19670078720	Research and development on the effect and control of chatter vibration in machine tool processes Interim engineering report, 1 Apr. - 30 Jun. 1967	1967
19670078721	Ac electrical drive	1967
19670078722	Some high velocity clutter effects in matched and mismatched receivers	1967
19670078723	Investigation of the ductility of modified TZC alloy. Correlation between extrudability of ingot material and high strain rate tensile test Technical report, 15 Jun. 1965 - 15 Jul. 1966	1967
19670078725	Micropower functional electronic blocks Interim technical report, 15 Mar. - 15 Jun. 1967	1967
19670078726	Investigation of an advanced infrared window fabrication technique /Hot-isostatic pressing/ Technical report, Feb. 1966 - Apr. 1967	1967
19670078727	Local Control Program /LCP/ for the CDC 1604B computer Final report	1967
19670078728	Liquid metal magnetohydrodynamics Quarterly technical progress report, 12 Apr. - 11 Jul. 1967	1967
19670078729	Boundary layer measurements with an electron beam	1967
19670078730	Limited-warfare radar techniques prime-power video pulser Final technical report, 20 Sep. 1966 - 20 Mar. 1967	1967
19670078731	An improved model for atmospheric ionization due to delayed beta radiation from a nuclear explosion Technical report, Mar. - Dec. 1965	1967
19670078732	Modeling and measurement techniques for large spherical arrays Quarterly technical report, 1 Jul. - 30 Sep. 1966	1967
19670078733	Flow field investigation of a hemisphere- cylinder preceded by a long slender wire at Mach number 8	1967
19670078734	Titanium structural sections produced by roll bonding on bar mills Interim engineering progress report, 1 May - 31 Jul. 1967	1967
19670078735	An automated flame photometry system for sodium, potassium, and calcium estimation Technical memorandum, Feb. - Mar. 1966	1967
19670078736	Study of transient-radiation-induced latchup Final report	1967
19670078737	Fluidized bed techniques for coating refractory metals Final technical report, 8 Dec. 1964 - 15 Apr. 1967	1967
19670078738	Gunn oscillators with one electrode split Interim report	1967
19670078739	Microwave devices utilizing oriented cubic ferromagnetic materials Quarterly report	1967
19670078740	Thin film RC networks for silicon integrated circuits Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19670078741	Wind tunnel investigation to determine aerodynamic characteristics of a 0.03-scale model of the Titan III/MOL launch configuration during the abort sequence at Mach numbers from 0.60 to 3.00 Technical report, 13 Mar. - 24 Apr. 1967	1967
19670078742	On the effect of vertical eddy diffusion on atmospheric composition in the mesosphere and lower thermosphere Interim technical report	1967
19670078743	Development of improved cutting tool materials Interim engineering progress report, 15 Mar. - 15 Jun. 1967	1967
19670078744	Experimental demonstration of energy storage substations for aircraft actuation functions Quarterly technical report, 1 Apr. - 30 Jun. 1966	1967
19670078745	Notes on the construction methods of a Martin high-voltage pulse transformer Summary report, 1 Dec. 1966 - 31 Jan. 1967	1967
19670078746	Extended target detection with emphasis on acoustic surveillance. Volume II - Extensions and specific applications	1967
19670078747	High-power pulse propagation in an inhomogeneous plasma	1967
19670078748	Aerobee NASA 4.211 UA /20 July 1967/ Meteorological data report	1967
19670078749	Horizontal tracon console development Final report	1967
19670078750	Semiactive thermal control system. Volume III - Thermal analyzer program Final report, Dec. 1965 - Dec. 1966	1967
19670078751	Study of microwave generation by means of interaction with anisotropic media Quarterly report, 1 Mar. - 31 May 1967	1967
19670078752	Fluid flow characteristics through orifices in enclosed rotating disks	1967
19670078753	The use of a Coanda-effect nozzle for multi- directional control of a compressible fluid jet	1967
19670078754	The design and construction of a chemical shock tube	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078756	Applicability of inertialess scanning techniques to the design of surveillance radar antennas Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670078757	Laser triggered megavolt switching	1967
19670078758	Flow field, drag, and heat transfer of a heated cylinder in a subsonic crossflow of air	1967
19670078759	Study and investigation leading to the design of broadband high-power klystron amplifiers Triannual report no. 2, 10 Dec. 1966 - 9 Apr. 1967	1967
19670078760	Real gas property effects on flow and heat transfer in the entrance region of a parallel-plate channel	1967
19670078761	Conjugated polymers used as catalysts - Poly /isoindolobenzimidazoles/ and their derivatives	1967
19670078763	Electric conductivity of zinc oxide	1967
19670078764	Feasibility study of large erectable antennas - Extension Monthly progress report, 15 Jun. - 15 Jul. 1967	1967
19670078765	Contribution to surface geochemistry in the Colomb-Bechar /Sahara/ permit area	1967
19670078766	Analysis of electronic methods of spiral antenna scanning	1967
19670078767	Investigation of properties of rare earth ions Semiannual status report, 1 Mar. - 31 Aug. 1967	1967
19670078768	Galvanomagnetic effects in thin semiconducting films	1967
19670078769	Study of automated planning Final report	1967
19670078770	Electrolyte transport in the nephridium of lumbricus terrestris	1967
19670078774	Thermocouples - Instabilities of Seebeck coefficient	1967
19670078775	Analysis of runway slush measuring techniques Final report	1967
19670078776	Tacan CW interference Interim report	1967
19670078778	Study of grinding process as applied to high- strength and thermal-resistant alloys Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670078779	Memory system for microcircuits Interim engineering progress report, 1 Feb. - 30 Jun. 1967	1967
19670078780	Development of a buried-gate power field-effect transistor Interim engineering report, 11 Jan. - 10 Apr. 1967	1967
19670078781	Comparison of solar radiation at 3.4mm and H-alpha	1967
19670078782	Analysis of several handling quality topics pertinent to advanced manned aircraft Final report, Jul. 1965 - Oct. 1966	1967
19670078783	The use of in-flight recorded reconnaissance mission data Final report	1967
19670078784	Ultrasonic dissemination of aerosols	1967
19670078785	A study of large, high-performance shock tunnel drivers	1967
19670078786	Production engineering measures for microwave ferrimagnetic materials and circulators Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670078787	Cardiovascular and respiratory responses of anesthetized dogs rapidly decompressed to a near vacuum	1967
19670078788	Correlation of argon-copper sputtering mechanisms with experimental data using a digital computer simulation technique	1967
19670078790	Synthesis and characterization of electronically active materials Final report, 15 May 1963 - 15 May 1967	1967
19670078791	Manufacturing development for production of high-strength, high-modulus, glass fibers Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670078793	VTOL flying qualities bibliography	1967
19670078794	A dynamic analysis of a multilayered cylinder	1967
19670078795	The catalysis of thermal decomposition and burning reactions of fuel-oxidant compositions Quarterly progress report, Jan. - Mar. 1967	1967
19670078796	Nike-Apache STV, SR-57 /7 July 1967/ Meteorological data report	1967
19670078797	Mechanical properties, including fracture toughness and fatigue, and resistance to stress-corrosion cracking of stress-relieved stretched aluminum alloy extrusions Quarterly report, 15 Mar. - 15 Jun. 1967	1967
19670078798	Vibration evaluation of oil lubricated and cooled bearings for generators Final report	1967
19670078799	A feasibility study of metallic antifouling coatings Final report, 8 Apr. 1966 - 26 Jun. 1967	1967
19670078800	Correlation of flat sheet fracture behavior with that of curved specimens for high- strength missile steels. On the progress of inducing crack growth in cylindrical pressure vessels Final report	1967
19670078801	Elastomer compatibility with MIL-L-007808F /USAF/ lubricating oils Technical report, 1 Jun. 1965 - 8 Feb. 1967	1967
19670078802	Flame contact heat transmission of Nomex and of cotton glove fabrics Letter report	1967
19670078803	AUTOJOM - A computer program to generate coefficients for quadratic equations Technical report, Feb. - Jun. 1967	1967
19670078804	The prototype electronic flight profile indicator	1967
19670078805	DOD/NASA Gemini experiments D14, UHF/VHF POLARIZATION measurements /Gemini flights VIII and IX/, program 631A, volume XI	1967
19670078806	Orbital fuel cell Quarterly technical report, 1 Apr. - 30 Jun. 1967	1967
19670078807	The healing of hydrogen-induced microcracks in iron - 3 percent silicon	1967
19670078808	Pressure and gravity effects on the simulation of meteorite impact craters	1967
19670078809	Processing parameters for diffusion-bonded aluminum-boron filament composites	1967
19670078810	An experimental investigation of a gas lubricated stepped sector thrust bearing at high bearing numbers	1967
19670078811	Computations of downward radiation flux based upon a random sample of radiosonde observations, and correlation of the results with corresponding simulated Nimbus II SATELLITE air mass properties	1967
19670078812	Environmental compatibility of glass reinforced plastics	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078813	Corrosion of materials in hydrospace. Part I - Irons, steels, cast irons, and steel products	1967
19670078814	Methods to produce high modulus carbon yarn Interim engineering progress report, 10 Apr. - 10 Jul. 1967	1967
19670078815	Progress report abstracts	1967
19670078816	The evaluation of hydraulic fluid for use in the Poseidon C-3 missile	1967
19670078817	System coupled dynamic instability amplitude limiting analysis and evaluation, phase I Technical report, Nov. 1966 - Aug. 1967	1967
19670078818	Experimental determination of permanent nuclear radiation effects on Army missile control system electronics	1967
19670078819	Photoresist technology improvement. Part II - New photoresist systems Interim report, 1 Feb. - 30 Apr. 1967	1967
19670078820	T58-GE-12 engine 1966 component improvement programs Engineering activity report, 1 Jan. - 31 Dec. 1967	1967
19670078821	Development of aluminum bobbin seals for separable connectors for rocket fluid systems	1967
19670078822	Grain design and internal ballistics evaluation program /IBM 7094 Fortran IV/	1967
19670078823	Preliminary report on an MOSFET voltage monitor circuit	1967
19670078824	Rheological approaches to powder aerosol dissemination	1967
19670078825	U. S. Government metalworking processes and equipment program Seventh status report	1967
19670078826	OP-2E/SP-2E aircraft emergency egress evaluation	1967
19670078827	Method of measuring the ripcord and ripcord pin pull forces on the NB-6, NB-7, NB-8, NB-9, NC-3, and NS-3 parachutes	1967
19670078829	XB-70 materials Summary test report, 21 Sep. 1964 - 30 Apr. 1967	1967
19670078830	Exploratory development to improve standard cutting tool material by infusion with metallic carbides, ceramic or diamond Interim progress report, Mar. - May 1967	1967
19670078831	Development of solid-state computing circuits Technical report, 1 Jun. 1966 - 15 Jun. 1967	1967
19670078833	Development of a miniature, reciprocating cryogenic refrigerator for space applications Technical report, Oct. 1964 - Feb. 1967	1967
19670078834	Fabrication of beryllium sheet by gas- pressure bonding Technical report, 15 Feb. 1965 - 15 Jan. 1967	1967
19670078835	Exponentially decaying pressure pulse moving with superseismic velocity on the surface of a half space of granular material Technical report, May 1966 - May 1967	1967
19670078836	Real time beam steering Final technical report, 1 Apr. 1966 - 1 Apr. 1967	1967
19670078837	Vulnerability of optical systems to the thermal radiation from nuclear weapons detonated in the lower atmosphere - A quantitative approach Progress report	1967
19670078838	Basic research in microwave devices and quantum electronics Final report, 26 Apr. 1963 - 1 Oct. 1966	1967
19670078839	Develop manufacturing methods to utilize explosives as a high energy source to spot weld metals Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670078840	Research on an electrochemical detection system Semiannual progress report, Dec. 1965 - Jul. 1967	1967
19670078841	Athena D-050, flight no. 081 /22 July 1967/ Meteorological data report	1967
19670078842	Demonstration of advanced post-boost propulsion subsystems Quarterly technical report, 1 Apr. - 30 Jun. 1967	1967
19670078843	A geometric configuration associated with the osculating quadrics at a point of an analytic surface	1967
19670078844	Application of a modification of Davidon's method to nonlinear regression problems	1967
19670078845	Research and development of a ruggedized planar ceramic triode Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670078846	Plastic impact of cylinders on deformable targets	1967
19670078847	The detonation behavior of ammonium perchlorate as a function of charge density and diameter	1967
19670078848	High resolution lenses Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19670078849	Estimation of correlation and decorrelation functions of imagery /Correlation and decorrelation analysis model - CODAM/, VOLUME I Final report, 18 Apr. 1966 - 18 Jun. 1967	1967
19670078850	Review of recent developments, high-energy- rate processes	1967
19670078851	Applied research on efficiency improvement in O-type traveling-wave tubes Final report	1967
19670078853	VHF filter crystal research Quarterly report, 16 Jan. - 15 Apr. 1967	1967
19670078854	Bulk effect oscillations for frequency control Quarterly report, 4 Oct. - 31 Dec. 1966	1967
19670078855	VHF and UHF transistor transient investigation Quarterly progress report, 27 Dec. 1966 - 27 Mar. 1967	1967
19670078856	Fluids, lubricants, fuels and related materials Technical report, 1 Mar. 1966 - 28 Feb. 1967	1967
19670078857	The order statistics y, equals log/zM/, their properties and use for parameter estimation	1967
19670078858	Airborne sonar Figure-Of-Merit /FOM/ TEST equipment Final interim report, 21 Feb. 1966 - 17 May 1967	1967
19670078859	Environmental resistance studies of motor stators impregnated with a 100-percent solids polyester varnish	1967
19670078860	Optimization of a scramjet configuration	1967
19670078862	Multilayer circuit board connectors using the soft metal indium for electrical contacts Evaluation report	1967
19670078864	Ionospheric Telecommunications Laboratory Progress report, Jan. - Jun. 1967	1967
19670078865	Integrated circuits using M.O.S. structures Annual report	1967
19670078866	Development of a transparent polymer for imparting anti-electrostatic properties to packaging films Final technical report	1967
19670078867	Advanced array research Quarterly report, 15 Mar. - 14 Jun. 1967	1967
19670078868	T56 series I Engineering progress report, 1 Apr. - 30 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078869	Adhesion properties of paints on galvanized steel	1967
19670078870	Production Engineering Measure /PEM/ for silicon varactor diode Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670078871	A method for determining the tempo of operations aboard aircraft carriers through regression analyses of accidents	1967
19670078872	Gunn effects devices Quarterly technical report, 15 Mar. - 15 Jun. 1967	1967
19670078873	Re-Entry Physics /REP/ program. Volume I - Unclassified portion Semiannual progress report, period ending Jun. 1967	1967
19670078874	Development of manufacturing methods for producing pyrolytic graphite in various shapes and structures Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670078875	Review of recent developments, refractory metals Cb, Ta, Mo, W	1967
19670078876	A review of ultrasonic probe technology within the U.K.A.E.A. First supplement - The manufacture of probes	1967
19670078877	A general theory for the flow of evaporating fluids in pipes	1967
19670078878	The prediction of collapse pressures for anisotropic Zircaloy-2 tubing using tensile stress-strain data	1967
19670078879	Projectile damage in stressed plates	1967
19670078880	Continuous scanning meteorological camera system for ATS Quarterly report, Dec. 22, 1966 - Mar. 22, 1967	1967
19670078882	Oxidation of 20 percent Cr-25 percent Ni-Nb stainless steel and some nickel-base alloys in Co ₂ -based atmospheres	1967
19670078883	Radar altimetry from a spacecraft and its potential applications to geodesy and oceanography	1967
19670078884	BLM-143 Ku beacon magnetron production engineering measure Quarterly progress report, Feb. 1 - Apr. 30, 1967	1967
19670078885	Pneumatic line dynamics	1967
19670078886	The planet Mars	1967
19670078887	Investigation of the thrust augmentation capability of a sonic ejector-afterburner	1967
19670078888	The chemistry of rare gases Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670078889	Development of aerosol charge analyzer Special technical report, Jul. 1965 - Sep. 1966	1967
19670078890	Glass enclosed miniature crystal units Final report	1967
19670078891	Copper	1967
19670078892	A high power microwave diode phase shifter Quarterly progress report, 16 Mar. - 15 Jun. 1967	1967
19670078893	Meteorological sounding rocket launch report /ten vehicles launched 18 and 19 March 1967/	1967
19670078894	Radar set an/PPS-6/XE-6/ Final report, 11 Oct. 1964 - 24 Jun. 1966	1967
19670078895	Design guide for pressurized gas system - Task 7 Final report, Jun. 1, 1965 - Apr. 30, 1967	1967
19670078896	Guidance system operations plan LM-1 using burst 116 program	1967
19670078897	Flow through micro-openings Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670078898	The effect of several forward-mounted control jet nozzles on a typical missile configuration at transonic speeds	1967
19670078899	Tunable superconductive RF networks Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670078901	A knife edge scanner to measure the optical transfer function	1967
19670078903	An investigation of projectile integrity using computer techniques	1967
19670078904	The impact characteristics of a water droplet on a flat plate in two-phase, air-water spray flow	1967
19670078905	Dominance effects in ion lasers Interim technical report, 30 Sep. 1966 - 1 Jun. 1967	1967
19670078906	Optical technology program Interim technical report, 1 Apr. - 30 Jun. 1967	1967
19670078907	Nike-Apache Speedball II, round no. 102, SN 48 /5 July 1967 / Meteorological data report	1967
19670078909	Re-evaluation of the crystal structure of selected oxide compounds	1967
19670078910	Wideband optical modulator technique Final report	1967
19670078911	Evaluation of the stress corrosion susceptibility of titanium sheet alloys coated with high temperature sealants	1967
19670078912	Multimode propagation communication system Semiannual progress report, 15 Nov. 1966 - 15 Apr. 1967	1967
19670078913	Charged particle studies, June 1966 - August 1967	1967
19670078914	Study for basic subsystem module preliminary definition Final briefing	1967
19670078915	Transient behavior of microwave networks Interim technical report, 28 May 1966 - 3 Jan. 1967	1967
19670078916	Investigation of reliability testing and prediction techniques for integrated circuits Final technical report, 19 Apr. 1965 - 19 Oct. 1966	1967
19670078917	Resonant gridded reflector optimization study Final technical report, May 1966 - Jan. 1967	1967
19670078918	Manufacturing specifications - Production engineering measures /PEM/ for a germanium microwave transistor, volume II Final report, 30 Jun. 1964 - 28 Feb. 1967	1967
19670078919	A study of the surface barrier silicon detector Summary report, 29 Jun. 1963 - 31 Mar. 1967	1967
19670078921	Axial transmissibility characteristics of typical multi-stage rocket vehicle structures Technical summary report, 29 Jun. 1966 - 29 Jun. 1967	1967
19670078922	A multi-colour electroluminescent matrix display panel Technical report Apr. - Nov. 1966	1967
19670078923	Thermostable heterocyclic polymers	1967
19670078924	Flight report for Delta vehicle S/N 20211 Delta program mission no. 48 spacecraft - TOS-D/NASA TOS-C	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078925	Exploratory development of continuous filament rotary impactors systems Quarterly progress report, 13 Feb. - 13 Apr. 1967	1967
19670078927	Paramagnetic centers in crystals	1967
19670078928	Study of the applicability of a laser density probe for the measurement of gas number density in simulated rocket plumes	1967
19670078929	Calculation of the aerodynamic coefficients of a finite wing with built-in lifting fans, part I and II	1967
19670078930	Diagenetic effects on the distribution of amino acids in sediments	1967
19670078931	Tantalum thin-film microcircuits	1967
19670078932	APL geodetic satellite project /Anna/ Status report, Jul. - Sep. 1966	1967
19670078933	The stimulated Raman effect in an off-axis resonator	1967
19670078934	Investigation of new concepts and linear beam techniques for microwave generation Interim technical quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670078935	Tradeoff study of a new cryogenic stage for manned planetary exploration, volume I Final technical report, 15 May - 22 Sep. 1967	1967
19670078936	The boundary conditions of Cauchy and the main problem of physical geodesy, with particular consideration of the uniqueness of the solution	1967
19670078937	Calibration of a vertical shock tube and its associated soil bin Technical report, May 1965 - Jul. 1966	1967
19670078938	Optimum conditions for blast cleaning of steel plate	1967
19670078939	Applicable documentation report for the AIMP-E /ETR/ mission	1967
19670078940	Analytical study of nonmetallic parts for launch vehicles and spacecraft structures Quarterly progress report, 1 Jul. - 1 Oct. 1967	1967
19670078942	Maximum density integrated circuits by electron beams Interim technical report, 1 Nov. 1966 - 31 Mar. 1967	1967
19670078943	Improved frequency standard design Quarterly progress report, 7 Dec. 1966 - 7 Mar. 1967	1967
19670078944	Diffraction by the concave surface of the paraboloid of revolution	1967
19670078947	Braid memory Final report	1967
19670078949	Reflector antenna zoom techniques Interim report, 24 Dec. 1966 - 23 Mar. 1967	1967
19670078950	The design of an integrating unit for use with a direct reading spectrograph	1967
19670078951	Periodic processes in the mechanism of burning of composite rocket propellants	1967
19670078952	Halogen passivation studies Quarterly technical progress report, 1 May - 31 Jul. 1967	1967
19670078953	Test and evaluation of Eastman Kodak silver recovery unit	1967
19670078954	A theoretical and experimental analysis of slug calorimeter heat losses for continuous and impulse wind tunnel heat flux measurements Technical report, Jul. 1964 - Jan. 1965	1967
19670078955	Array beam switching beam Quarterly report	1967
19670078956	Linear microassemblies Final report, 1 Jan. - 31 Mar. 1967	1967
19670078957	Visualization of a 10.6 micron laser beam	1967
19670078958	The reversed spiral test	1967
19670078959	Launch vehicle history	1967
19670078960	Aeroquip flexible hose, manufacturer's part number AE700493-1, NASA part number 75M12944 FFH-1 Test report	1967
19670078961	Evaluation of the magnetic reaction analyzer	1967
19670078962	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670078963	Flair. Volume 2 - Part A and B	1967
19670078964	Optimum coherent optical receiver techniques Final report, 31 Mar. 1966 - 31 Mar. 1967	1967
19670078965	Combustion instability analysis at high chamber pressure, phase 1 report Technical report, 1 Dec. 1966 - 30 Jun. 1967	1967
19670078966	An investigation of the debris cloud produced by the impact of spheres on thin metal sheets	1967
19670078967	Development of manufacturing methods for growing large beta-silicon carbide single crystals Interim progress report, 15 Dec. 1966 - 15 Jun. 1967	1967
19670078968	Sparta acquisition digital equipment /SPADE/. Volume I - Sections I through VI, technical manual operation and maintenance instructions	1967
19670078969	Study of infrared parametric amplifiers Final report, 1 Jul. 1965 - 30 Jun. 1967	1967
19670078970	Flow through micro-openings Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670078971	Nickel-base and cobalt-base alloys	1967
19670078972	Fiber reinforced Ni-Cr alloys for high temperature-high strength applications Final report, Jul. 1, 1965 - Nov. 30, 1966	1967
19670078973	Environmental research satellite-17 data reduction and analysis. Volume I - Satellite and reduction systems	1967
19670078974	Fundamental investigation of molybdenum disulfide as a solid lubricant Final technical report, 15 Apr. 1966 - 15 May 1967	1967
19670078975	Reliability and quality assurance program Quarterly status report, Apr. - Jun. 1967	1967
19670078976	Designations of alloys for the aerospace industry	1967
19670078977	Research on piezjunction sensors Technical report, 1 May 1966 - 30 Apr. 1967	1967
19670078978	Ten watt, CW CO2 gas laser Interim technical report, 1 Apr. - Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670078979	The effects of environmental noise on vented fluid amplifiers	1967
19670078981	Production engineering measure for integrated amplifier/switching circuits Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670078982	Magnetic effects in the plasma of a low-pressure arc discharge Technical report, 1 Jun. 1965 - 1 Apr. 1967	1967
19670078983	Adaptation of rolling type seal diaphragms to miniature Stirling cycle refrigerators Final report, 1 Jun. 1966 - 1 Jun. 1967	1967
19670078984	Preliminary evaluation of a fluorinated carboxy nitroso elastomeric coating	1967
19670078985	Excitation mechanisms in gas lasers Annual report	1967
19670078986	Differential scanning calorimetry methods in the determination of thermal properties of explosives	1967
19670078987	Target signature measurements laboratory study Interim technical report	1967
19670078988	Exploratory development of gas springs as applied to rotary-reciprocating cryogenic coolers Final report, 28 Jan. 1965 - 31 Mar. 1967	1967
19670078989	Flight path control system flight test results and description, volume II FINAL report	1967
19670078990	Determination of mercury in aqueous samples by means of neutron activation analysis with an account of flux disturbances	1967
19670078991	Microscopic and microchemical study of aged solid propellant grains Quarterly technical report, 1 May - 31 Jul. 1967	1967
19670078992	Separation of 51Cr by means of the Szilard- Chalmers effect from potassium chromate irradiated at low temperature	1967
19670078993	Flight test of a one man flying vehicle Summary report	1967
19670078994	Solid state digital scanning of mosaic sensors /phase III/ Interim technical report, Mar. 1 - Jun. 30, 1967	1967
19670078995	Development of the theoretical and technological prerequisites to field investigation of particulate agent behavior. Volume II - Kinematics and dynamics of turbulent diffusion Final report	1967
19670078996	Development of the theoretical and technological prerequisites to field investigation of particulate agent behavior. Volume III - Test technology development Final report	1967
19670078997	A translation of flexible plates and shells Final report, 23 May 1966 - 22 Jan. 1967	1967
19670078998	Construction and optimized use of pyroelectric detection devices Interim report	1967
19670078999	Radar imaging Final report	1967
19670079000	Miniature UHF receiver Final technical progress report	1967
19670079001	Preparation, microstructure, and properties of inorganic fibrous composite materials	1967
19670079002	Development program of a lunar and planetary geosampling device Final report	1967
19670079003	A method for designing linear and nonlinear shock isolation systems for underground missile facilities Technical report, Sep. - Dec. 1966	1967
19670079004	Radiative effects on rocket stability with ozone-containing oxidizers Quarterly report, 1 Mar. - 31 May 1967	1967
19670079005	On the effect of vibrations on nucleate boiling heat transfer at near saturated conditions	1967
19670079006	Aerobee NASA 4.190 UG /7 July 1967/ Meteorological data report	1967
19670079007	The total plasticizer and triphenyl phosphate content of cellulose acetate plastic combustion inhibitors	1967
19670079008	Theoretical investigations on the formation of aeroembolism and bubbles gas in tissue	1967
19670079009	Flow losses in 90 deg bends of rectangular cross section	1967
19670079010	Analysis of solid organic natural substances with the field-ion mass spectrometer	1967
19670079011	Geochemical significance of the extraction of amino acids from sediments	1967
19670079012	The thermoluminescence of NaCl/Ag	1967
19670079013	Electron spin resonance investigations of the aggregation of F-centers in RbCl	1967
19670079015	Joint Services Electronics program Final report, 16 Feb. 1966 - 15 Feb. 1967	1967
19670079016	Evaluation of the CPO multichannel filter processor	1967
19670079017	An anemometer for very low velocities	1967
19670079018	Q-band diode parametric amplifier Annual report	1967
19670079019	Development of improved cutting tool materials	1967
19670079020	Two-dimensional flow field calculations by the Godunov method	1967
19670079021	Operational characteristics of the 1964 extravehicular research model full pressure assembly Final report, May 1964 - Jan. 1965	1967
19670079022	Test and evaluation of four pressure transducers Final report	1967
19670079023	A feasibility study of a component gradiometer	1967
19670079025	Volume I - Gas turbine self-contained starting system Final report, Jul. 1964 - Feb. 1967	1967
19670079026	Feasibility of joining advanced composite flight vehicle structures Quarterly progress report, 1 Feb. - 31 Apr. 1967	1967
19670079027	Feasibility study of an advanced boiling water reactor concept /SCR/ Final report	1967
19670079028	Index to reliability technology fields of interest data Final report	1967
19670079029	Feasibility demonstration using shock waves in the synthesis of energetic materials Final report, 1 Sep. 1965 - 31 Aug. 1966	1967
19670079030	Radioisotope power devices of the U. S. Navy, volume I, number 1 Quarterly operating report, 1 Jan. 1962 - 31 Mar. 1967	1967
19670079031	Successive threshold-crossings of random noise in an IFF system	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079032	Production engineering measure, crystal unit CR-/XM-46A//U Quarterly report, 1 May - 1 Nov. 1966	1967
19670079033	High temperature polymers from 1.3-dipolar addition reactions Quarterly progress report, 1 May - 31 Jul. 1967	1967
19670079034	Ferroelectricity and conduction in ferroelectric crystals	1967
19670079035	US/Canadian shared development program on US metro rockets Progress report, 1 Jan. - 30 Jun. 1967	1967
19670079036	Response of a burning propellant surface to erosive transients Quarterly report, 1 Jan. - 30 Mar. 1967	1967
19670079037	Radiation effects in thin film transistors Quarterly report, 1 Mar. - 31 May 1967	1967
19670079038	Interference reduction techniques for frequency converters Quarterly report, 1 Mar. - 30 May 1967	1967
19670079039	Schottky barrier X-band video detectors for high-sensitivity high-burnout applications Quarterly report, 27 Mar. - 26 Jun. 1967	1967
19670079040	Tunable Christiansen filter	1967
19670079041	Stress-corrosion cracking susceptibility study on M72 LAW Interim report, 30 Jan. - 30 May 1967	1967
19670079042	Techniques for the control of integrated circuit quality and reliability, volume II - Appendices Final report, 1 Jul. 1965 - 14 Apr. 1967	1967
19670079043	Saturn Apollo applications program definition for KSC. Volume II - Program definition baselines Final report	1967
19670079044	Survey of deformation processes and deformation characteristics of difficult to form metals Final technical report, 10 Feb. 1966 - 10 Jun. 1967	1967
19670079045	Ductile fracture	1967
19670079046	Applications of high pressures to the forming of brittle metals	1967
19670079047	Superplasticity	1967
19670079048	Lubrication in metal-deformation processes	1967
19670079049	Swaging	1967
19670079050	Adiabatic conditions in deformation processing	1967
19670079051	Residual stresses produced by deformation	1967
19670079052	Interagency/Chemical Rocket Propulsion Group. Thermochemistry Working Group, fifth meeting bulletin, volume I	1967
19670079053	Thermodynamic properties of ions in gases	1967
19670079054	Recent results in matrix isolation studies of LiF and CsOH	1967
19670079055	Recent thermochemical studies	1967
19670079056	Thermodynamic properties of several high temperature species - HBO/g/, BeOH/g/, ALC2/g/ and AL2C14/g/	1967
19670079057	Low temperature heat capacities and entropies of ALBr3 and alpha-Be3N2	1967
19670079058	Calculation of dissociation energies from spectroscopic data	1967
19670079059	A study of the heat formation of oxygen difluoride	1967
19670079060	Low temperature study of the chlorine monofluoride-nitryl fluoride binary system	1967
19670079061	Thermochemical behavior of some group VA HYDRIDES	1967
19670079062	Methods of estimating thermochemical data - Heats of formation and densities of polymeric materials	1967
19670079063	Computed activation energies and rate constants for forward and reverse transfers of hydrogen-atoms	1967
19670079064	Effects of uncertainties in rate constants in a complex reactive system	1967
19670079065	Kinetic tables for the reactions N plus O2 yields NO plus O, CH4 plus OH yields CH3 plus H2O and CO plus OH yields CO2 plus H	1967
19670079066	Discussion on engineering selection of reaction rate constants for gaseous chemical species at high temperatures, exemplified by H plus CO2 equals OH plus CO and CO2 PLUS M equals O plus CO plus M	1967
19670079067	Adaptive techniques for phased arrays Final technical report, 28 Mar. 1966 - 29 Mar. 1967	1967
19670079068	1 kW Ku-band pulsed coaxial magnetron Quarterly technical report, 15 Dec. 1966 - 15 Mar. 1967	1967
19670079069	Study of ECM antenna optimization Final scientific report, Jun. 1965 - Mar. 1967	1967
19670079070	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Apr. - Jun. 1967	1967
19670079071	Instrumentation for ionospheric measurement - A survey	1967
19670079072	Displays for studying signal detection and pattern recognition	1967
19670079074	Volume II - Gas turbine self-contained starting system /documentation/ Final report	1967
19670079075	Plasma-kinetic energy-RF conversion Final report	1967
19670079076	A review of research on aeronautical fatigue in the United States	1967
19670079077	Site accessibility analysis for advanced lunar missions. Volume II - Site accessibility handbook Final report	1967
19670079080	Large scale integrated circuit array Interim technical report, 16 Jan. - 15 Apr. 1967	1967
19670079081	Methods for determining the double shear strength of round bars Final report	1967
19670079082	Development of molecular electronic display structures Interim technical report, 1 Mar. 1966 - 31 May 1967	1967
19670079083	SRGA fuel cycle cost study Final technical report	1967
19670079084	Open cycle magnetohydrodynamic generator research Quarterly report	1967
19670079085	Dispersion-strengthened metal structural development Interim technical report, 1 May - 1 Aug. 1967	1967
19670079086	Test report for the RFI test on the countdown repeater subsystem of the timing countdown display system	1967
19670079087	High voltage solar cell array segment Interim progress report, 1 Apr. - 30 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079089	Development of refractory extrusion lines Interim engineering progress report, 15 Apr. - 15 Jul. 1967	1967
19670079091	Advanced PBV propulsion study. Volume II - Candidate propulsion system descriptions /U/ Final report, May - Dec. 1967	1967
19670079092	Monopropellant gas generator /U/ Quarterly report, 27 Dec. 1966 - 26 Mar. 1967	1967
19670079093	Dynamic stability characteristics of ablating and nonablating sharp 8-deg cones at Mach number 10 /U/ Final report	1967
19670079094	Beryllium erosion corrosion investigation for solid rocket nozzles /U/ Final report, 1 Jun. 1965 - 17 Mar. 1967	1967
19670079096	Pressure and heat-transfer distributions of a blunt 80-deg swept delta wing at Mach number 19 /U/ Final report, 12 Aug. 1966 - 16 Mar. 1967	1967
19670079097	Development of spike-protected radome/irdome configurations for high-performance missiles. Volume I - Research on a low drag spiked body /U/ Final report, 1 Feb. 1966 - 31 Jan. 1967	1967
19670079098	Development of spike-protected radome/irdome configurations for high-performance missiles. Volume II - Infrared seeker performance in the presence of a heated spike /U/ Final report, 1 Feb. 1966 - 31 Jan. 1967	1967
19670079100	The analysis of samples containing glycols and related compounds by gas chromatography combined with mass spectrometry	1967
19670079101	The determination of trace impurities in liquid oxygen by gas chromatography	1967
19670079102	Properties of thermistors	1967
19670079103	Geosciences and technology bulletin, volume 2, number 4	1967
19670079104	Test and evaluation of Kodak Prostar processor	1967
19670079105	Pilot plant operations /U/ Technical progress report, 1 Jan. - 30 Sep. 1966	1967
19670079107	Characterization and evaluation of light metal hydrides /U/ Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19670079108	Free standing pyrolytic graphite thrust chambers for space operation and attitude control. Phase II - Small scale testing /U/ Final report, 15 Jun. 1965 - 31 Dec. 1966	1967
19670079109	Weapons systems 133A. 1965 production support program, volume I /U/ Final report, 1 Jan. 1965 - 30 Jun. 1966	1967
19670079112	Super power ampliftron test and evaluation /U/	1967
19670079113	Development of a microchannel electro-optical inverter image intensifier tube /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967
19670079114	Research and development fabrication of glass microchannel plates /U/ Interim technical report, 1 Apr. - 30 Jun. 1965	1967
19670079115	Production engineering measure for improved reliability of solid tantalum capacitors Quarterly report, Dec. 29, 1966 - Mar. 28, 1967	1967
19670079116	Methods of estimating fixed-wing airframe costs, volume I	1967
19670079117	Process development for precision radial forging of integral turbine wheels Interim engineering report, 1 May - 30 Jul. 1967	1967
19670079118	Inspection and quality control plan of Production Engineering Measures /PEM/ FOR a germanium microwave transistor, volume III	1967
19670079120	Analysis of a log-periodic cavity-slot antenna using three-port networks	1967
19670079121	Method of characteristics rocket exhaust plume analysis program. Phase I - Constant ratio of specific heats	1967
19670079122	High temperature synthesis /U/ Quarterly report, Feb. - May 1967	1967
19670079123	Airborne wire detector /U/ Final report, phase I, Jan. 1966 - Feb. 1967	1967
19670079124	Main tank injection for packaged liquid missiles /U/ Final technical report, 24 Jun. 1966 - 23 Apr. 1967	1967
19670079126	Engineering property data on rocket propellants /U/ Annual summary report, 1 Apr. 1966 - 31 Mar. 1967	1967
19670079128	Development and test of high energy solid propellants /U/ Semiannual progress report, 1 Dec. 1966 - 1 Jun. 1967	1967
19670079130	The 2,4,6-trinitrobenzyl anion as a nucleophilic reagent with aryl halides. Preparation of polynitrodiphenylmethanes /U/	1967
19670079131	Evaluation of high energy binder /U/ Technical report, 1 Mar. 1966 - 28 Feb. 1967	1967
19670079132	Nike-Apache Speedball II round no. 106, SN 42 /2 August 1967/ Meteorological data report	1967
19670079134	Nike-Apache DRS NASA 14.343 GT /4 August 1967/ Meteorological data report	1967
19670079135	Relaxation by vibration - vibration exchange processes. Part II - Binary mixtures	1967
19670079136	Techniques for the control of integrated circuit quality and reliability, volume I Final report, 1 Jun. 1965 - 14 Apr. 1967	1967
19670079137	Fuel cell reliability assessment Summary report	1967
19670079138	Laminar suction experiments on a highly swept tapered wing at Mach 2.0 and 2.25 Final technical report, Apr. 1963 - Apr. 1967	1967
19670079139	Development of configurations and combinations of polyurethane foam to produce maximum efficiency in package cushioning materials Final report	1967
19670079140	Polarographic research on non-aqueous solvents preliminary studies on anhydrous hydrazine	1967
19670079141	Computer techniques for system synthesis	1967
19670079142	Derivation of an automatic aircraft elevator controller	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079143	All-Union Conference on boron-free, alkali-free and low alkaline vitreous systems and types of technical glass based on these systems	1967
19670079144	Aerobee AF 3.528 AG /15 August 1967/ Meteorological data report	1967
19670079145	One hundred fifty-six inch fiberglass case LITVC motor program. Volume I, book 1 - Motor design and fabrication /U/ Final technical report, 15 May 1965 - 30 Nov. 1966	1967
19670079146	One hundred fifty-six inch fiberglass case Litvc motor program. Volume I, book 2 - Motor design and fabrication /U/ Final technical report, 15 May 1965 - 30 Nov. 1966	1967
19670079147	One hundred fifty-six inch fiberglass case LITVC motor program. Volume III, book 1 - Static test report /U/ Final technical report, 15 May 1965 - 30 Nov. 1966	1967
19670079148	One hundred fifty-six inch fiberglass case LITVC motor program. Volume III, book 2 - Static test report /U/ Final technical report, 15 May 1965 - 30 Nov. 1966	1967
19670079149	One hundred fifty-six inch fiberglass case LITVC motor program. Volume IV - Appendices /U/ Final technical report, 15 May 1965 - 30 Nov. 1966	1967
19670079150	Experimental investigation of prepackaged hybrid propulsion systems /U/ Interim technical summary report, 1 Apr. 1965 - 31 Jan. 1966	1967
19670079151	Study of reverberation reduction by multichannel filtering /U/ Final report	1967
19670079153	Advanced thrust chamber for space maneuvering propulsion /U/ Quarterly report, 16 Nov. 1966 - 15 Feb. 1967	1967
19670079155	Electron tube research Quarterly progress report, 1 Dec. 1966 - 31 Mar. 1967	1967
19670079156	Random time-varying transfer function estimation	1967
19670079157	A statistical analysis of frequency modulation transmission of information	1967
19670079158	The resistance loaded cascade of transmission lines with lumped reactances	1967
19670079159	Numerical design of radar ambiguity functions	1967
19670079160	A PSK product demodulator	1967
19670079161	On optimum radar ranging codes	1967
19670079162	Nuclear research at Harvard Annual progress report, 1 Jun. 1966 - 31 May 1967	1967
19670079163	Electron and field interactions with thin films and surfaces Semiannual status progress report, 1 Feb. - 31 Jul. 1967	1967
19670079164	Deployment and rigidization test of a large inflatable solar collector Technical report, 18-23 Jul. 1966	1967
19670079165	Intergrated circuits for manpack communications equipment Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670079166	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Mar. - 30 May 1967	1967
19670079174	Subsonic flutter investigations of aerospace vehicles with large flexible lifting fuselages /U/ Final report, Jul. 1965 - Nov. 1966	1967
19670079175	Basic chemical research for advanced storable liquid oxidizers /U/ Final report	1967
19670079176	Combat bank, TAC test 67-203 /U/ Final letter report	1967
19670079177	Some thoughts on the economics of fatigue	1967
19670079186	Design philosophy and fatigue testing of the Concorde, part II	1967
19670079187	Economic and operational aspects of fatigue figures of a Swiss ground attack - Fighter	1967
19670079189	A review of Australian investigations on aeronautical fatigue during the period April 1965 to March 1967	1967
19670079191	Economic aspects of fatigue in commercial airlines	1967
19670079192	Radar attenuation characteristics of propellant exhaust gases /U/ Interim report, Oct. 1963 - Oct. 1965	1967
19670079193	Design feasibility of a high performance clutter rejection radar /U/ Final report, 23 Nov. 1965 - 15 Feb. 1967	1967
19670079195	Effects of nose misalignment and simulated nose ablation on the static-stability and drag characteristics of an RVTO configuration at Mach number 8 /U/	1967
19670079199	Digital data communication set AN/ASW-27// /U/ Interim engineering report, 1 Mar. - 1 May 1967	1967
19670079201	Investigation of hydrostatic bearings for use in high pressure cryogenic turbopumps /U/ Final report, 1 Mar. 1966 - 31 Mar. 1967	1967
19670079203	An investigation of ultrarapid inflight processing techniques Technical report, 14 Mar. 1966 - 14 Jun. 1967	1967
19670079204	Aerobee NASA 4.172 UG /3 August 1967/ Meteorological data report	1967
19670079205	Aerobee NASA 4.207 UA /8 August 1967/ Meteorological data report	1967
19670079206	Continuous color processing techniques. Evaluation of quality control and operating procedures for the Eastman Kodak Ektachrome RT processor model 1411-M Evaluation report, Oct. 1966 - Apr. 1967	1967
19670079210	Diffusional prestressing of ceramics Summary report, 9 Dec. 1965 - 31 Mar. 1967	1967
19670079211	Naval aircraft oxygen systems	1967
19670079213	Development of a solid-state matrix display Final report, 1 May 1965 - 30 Apr. 1966	1967
19670079214	Xenon laser development Final report, May 1966 - May 1967	1967
19670079215	High pressure extrusion development Interim technical engineering report no. 4, 1 Apr. - 30 Jun. 1967	1967
19670079216	Millimeter radome design techniques Interim technical report, 1 May - 31 Jul. 1967	1967
19670079217	Aerobee NRL NC 3.187 /11 August 1967/ Meteorological data report	1967
19670079218	A study of Air Force flight simulator programs Final report, 1 Sep. 1966 - 25 Apr. 1967	1967
19670079219	Radiation from the 4T2 state of Cr3 plus in ruby and emerald	1967
19670079220	Feasibility of ultrasonic deaeration and compaction of pyrotechnic powders Final report, Jul. 1965 - Aug. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079221	Review of alloys and fabricating methods used for tactical missile motor cases	1967
19670079223	Recent developments in the use of chemical explosives for hypervelocity test devices	1967
19670079224	J52-P-6A engine compressor surge margin tests Final technical report	1967
19670079225	Compton scattering by bound electrons	1967
19670079226	A variable frequency linear displacement measuring system Technical report, 7 Apr. 1966 - 19 Apr. 1967	1967
19670079227	Numerical ground motion studies. Volume I - Study of numerical solution errors in one- and two-dimensional finite difference calculation of ground motion Technical report, Feb. 1966 - Apr. 1967	1967
19670079229	Technical evaluation of rain return rejection techniques Final report	1967
19670079230	Analysis, design, and cogent flights of the first large diameter gun launched test bodies - LAHIVE	1967
19670079231	Hybrid techniques for multiple target data processing Interim technical report, 15 May - 1 Aug. 1967	1967
19670079232	Faraday rotation data - Bangkok, Thailand Geophysical data report, Jan. - Jun. 1967	1967
19670079233	Experimental modeling and control of the hydrazine-oxygen fuel cell	1967
19670079234	Atmospheric scintillation and dancing study program - Scintillation and dancing monitor	1967
19670079235	Development of manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering progress report no. 6, 1 May - 31 Jul. 1967	1967
19670079236	Flexible integrated solar cell array Final report, 1 Jun. 1965 - 31 May 1967	1967
19670079237	The influence of aerodynamic forces on the critical speed of automobiles	1967
19670079238	Fatigue of metal crystals. Part II - Extension of fatigue life of crystals through control of substructure Final report, 1 Mar. 1966 - 31 May 1967	1967
19670079239	Experimental testing on HPD thermoelectric program optimum-length investigation Technical report, 1 Jan. - 30 May 1967	1967
19670079240	Development of a zero-gravity propellant gaging flight experiment for MOL-HSQ program Final technical report	1967
19670079241	Development of manufacturing procedures for a new high-strength beta titanium alloy having superior formability, 1 August 1966 - 31 March 1967	1967
19670079242	Parachute canopy deflation pockets Final report	1967
19670079243	Report on shearing interferometer	1967
19670079245	Antenna feed for a Luneberg lens /U/ Final technical report	1967
19670079271	Advanced cryogenic rocket engine program staged-combustion concept /U/ Quarterly report, 1 Mar. - 31 May 1967	1967
19670079272	Explosives research and development, April - June 1967 /U/	1967
19670079273	Synthesis and properties of bis/2-fluoro-2, 2-dinitroethyl/ ether and the lower bis /2-fluoro-2,2-dinitroethyl/ polyoxymethylenes /U/	1967
19670079274	Development of a low flame temperature double base propellant with unusually clean exhaust products /U/	1967
19670079275	Investigation of the chemical kinetics of an advanced high energy propellant system Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19670079276	Diffusion in organic crystals Final technical report, 27 Jun. 1963 - 26 Jun. 1967	1967
19670079277	A study of the effects of moisture orthochlorobenzalmalononitrile /agent/ and thiourea /fuel/ contents in a pyrotechnic mixture Technical memorandum, Dec. 1965 - Apr. 1966	1967
19670079278	The effects of partial shields on transmission lines at low frequencies	1967
19670079279	Missile-borne semi-active radar guidance, /mosaic radar/ Final report, 1 Jan. - 31 Dec. 1966	1967
19670079280	Fluid accelerometer with no moving parts Final report	1967
19670079281	Wideband element spacing and weighting Final report, 4 Apr. 1966 - 4 Apr. 1967	1967
19670079282	Laminar heat transfer to a swept leading edge in hypersonic flow Final report	1967
19670079283	Cosmic dust vertical probe launch report /one Nike-Iroquois vehicle launched on 7 June 1967/ Final report	1967
19670079284	Surface characteristics effect on thermal regime, phase II	1967
19670079285	Investigation of gallium arsenide - Indium arsenide alloy systems Interim report, 15 Apr. - 15 Jul. 1967	1967
19670079287	A computer program for Almanakk for Norge	1967
19670079288	High temperature extrusion lubricants Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670079289	Parameters of the solid rotor of a nonsalient-pole synchronous machine	1967
19670079290	Investigations relating to the brittleness of beryllium Biannual report, 1 Feb. - 1 Aug. 1967	1967
19670079291	An investigation of an electronically controllable microwave window Final report	1967
19670079292	The strength of domes under external pressure	1967
19670079293	Tantalum alloy tubing development program Final report	1967
19670079294	General design specifications for a random access storage management system Final report	1967
19670079296	Saturn Apollo applications program definition for KSC. Volume IV - Program requirements analysis Final report	1967
19670079297	Aerobee NASA 4.212 UA Meteorological report	1967
19670079298	Limited performance and stability and control tests - C-123K Technical report, 3 Oct. 1966 - 26 Jan. 1967	1967
19670079299	Production engineering measure for improved reliability of hermetically sealed tantalum foil capacitors Quarterly report, 20 Mar. - 20 Jun. 1967	1967
19670079300	Study of cumulative damage techniques for the prediction of motor failure Final report, 1 Jul. 1966 - 30 Jun. 1967	1967
19670079301	Two-phase nozzle flow - An annotated bibliography, part I	1967
19670079302	Advanced oxidizer chemistry Technical summary report, 1 Jan. - 31 Mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079303	Extension theorem and Majorana representation	1967
19670079304	Development and fabrication of solid-state high-speed optical detectors Interim engineering report, 16 Feb. - 15 May 1967	1967
19670079305	Nike-Apache Speedball II round no. 107, SN 43 /9 August 1967/ Meteorological data report	1967
19670079306	Improved oxidation resistance of nickel and cobalt superalloys Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19670079307	Saturn Apollo applications program definition for KSC. Volume V - Charts and diagrams Final report	1967
19670079308	The theory of signal detectability extended to the case of amplitude known statistically	1967
19670079309	Hydrogen peroxide handbook Final report	1967
19670079310	Saturn Apollo applications program definition for KSC. Volume III - Mission requirements analyses Final report	1967
19670079311	Forming of titanium and titanium alloys	1967
19670079312	Glossary of reliability, maintainability, human factors and safety terminology - SST	1967
19670079313	Flight report for Delta vehicle S/N 20212, Delta program mission no. 49, spacecraft - IMP-F	1967
19670079319	ANL consultant support for definition of experiment program in space operations, techniques and subsystems /Independent Manned Manipulator-IMM/, volume II TECHNICAL report, Jan. 1966 - Apr. 1967	1967
19670079320	Technical manual operation and maintenance instructions. Sparta Acquisition Digital Equipment /SPADE/ - Volume III, section VIII	1967
19670079321	Ceramic memory for ordnance fuzing Final report, Mar. 1966 - Mar. 1967	1967
19670079322	Vibrational spectra of high polymers Final technical report, Jan. - Dec. 1966	1967
19670079323	Chain conformations of polyvinylidene fluoride as derived from its vibrational spectrum	1967
19670079324	Structure of liquid isotactic polypropylene from its vibrational spectrum	1967
19670079325	Dispersion curves and density distribution of polymers - I. Single chain model	1967
19670079326	Current algebra	1967
19670079336	Nutatron inertial sensor development /U/ Technical report, 1 Jun. 1965 - 30 Jan. 1967	1967
19670079345	ALTAIR program /U/ Quarterly technical summary report, period ending 30 Jun. 1967	1967
19670079347	Semiactive thermal control system. Volume I - An experimental system for investigation of performance parameters Final report, Dec. 1965 - Dec. 1966	1967
19670079348	Determination of fracture propagation and initiation energies for beryllium Semiannual technical report, 1 Feb. - 31 Jul. 1967	1967
19670079349	Neutral excited species in a disturbed atmosphere	1967
19670079350	A summary of current research in the Microwave Research Institute programs Progress report, 15 Sep. 1966 - 14 Mar. 1967	1967
19670079351	Acoustics activities in some German industry and universities	1967
19670079352	Reduction and classification of the data base list Final technical report, 18 Jun. 1966 - 30 Apr. 1967	1967
19670079353	Solid state techniques Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670079354	A study of the physical basis of mechanical properties of ceramics Technical report, 15 Mar. 1966 - 15 Feb. 1967	1967
19670079355	Aerobee AF AH 3.529 /8 August 1967/ Meteorological data report	1967
19670079356	Research on selected quantum electronics problems Interim engineering report, 1 Mar. - 31 May 1967	1967
19670079357	Multi-format viewing stereoscope	1967
19670079358	Properties of photodetectors /photodetectors series, 75th report/	1967
19670079359	Cavitation near surfaces of distributed roughness	1967
19670079361	Hydraulic plumbing for advanced aerospace vehicles Quarterly technical report no. 4, 31 Mar. - 30 Jun. 1967	1967
19670079362	A study of aerosol particle fractionation by continuous particle electrophoresis Progress report, 1 Dec. 1966 - 31 May 1967	1967
19670079363	A comprehensive analytical procedure for the performance prediction of rocket thrust vector control with gaseous secondary injection Final report	1967
19670079364	Experimental evaluation of a 50 KVA LABORATORY model superconducting generator Quarterly report	1967
19670079365	Aircraft VHF antenna Semiannual report, 25 Oct. 1966 - 25 Apr. 1967	1967
19670079366	Saturn Apollo applications program definition for KSC. Volume VI - Multiple launch analysis Final report	1967
19670079367	Psychocardiovascular reactions during conditions of weightlessness in an orbiting satellite Annual status report, 1 Jul. 1966 - 30 Jun. 1967	1967
19670079368	Thermal stress and transient behavior and thermal fatigue criteria for marine recuperators Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670079369	Theoretical study of non-linear waves and shock-like phenomena in hot plasmas Semiannual status report	1967
19670079370	Investigation of digital cartographic techniques. Volume II - The ACS PROGRAMMING system	1967
19670079371	Extended frequency range components for in-guide spectrum analyzer AN/GPM-59 FINAL report	1967
19670079372	Integrated magnetic variable gain networks	1967
19670079373	Frequency agile circuit tuner study Final report	1967
19670079374	A study of information flow in multiple- computer and multiple-console data processing systems	1967
19670079375	Mass injection studies on slender cones and a flat plate with trailing-edge ramp at Mach numbers from 9 to 21	1967
19670079376	Force measurements of fuze lanyards during ejection Final report, 13 Sep. 1965 - 31 May 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079377	Space programs Quarterly report, Apr. - Jun. 1967	1967
19670079378	Kalman filter performance degradation with an erroneous plant model	1967
19670079379	Solid state laser devices Semiannual progress report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670079380	Proposed specifications for evaluation of RF /RADAR Frequency/ protective coverall and component materials /metalized fabric and zipper/	1967
19670079382	Composite V/STOL utility/logistics aircraft speed versus payload and productivity	1967
19670079383	Carbon dioxide absorption and desorption by tris with carbonic anhydrase Final report, Jan. - Oct. 1966	1967
19670079384	Cumberland Plateau Observatory Annual report	1967
19670079385	Combined gas chromatography and mass spectrometry in trace gas analysis	1967
19670079386	Single channel monopulse techniques Final report, Jan. 1966 - Jan. 1967	1967
19670079387	Production engineering measure for low field magnetron BL-234C Quarterly progress report, 28 Jan. - 28 Apr. 1967	1967
19670079388	Determination of the effects of rotor blade compressibility on the level flight performance of the CH-3C helicopter Final technical report, 10 Mar. 1966 - 21 Feb. 1967	1967
19670079389	Inhibited N2O4 engineering data Quarterly report, 1 May - 31 Jul. 1967	1967
19670079390	Sandia high pressure ablation test in the AEDC 5-megawatt arc heater test unit Technical report, 28 Apr. - 5 May 1967	1967
19670079391	Research study of the design of a portable VTOL blast controlling platform Final report	1967
19670079392	Optimal actuation research and study	1967
19670079393	An examination of the use of indentation hardness measurements for assessing the state of cure of a plasticised and filled epoxide resin system	1967
19670079394	Gaseous ion laser research Interim technical report, 1 Apr. - 30 Jun. 1967	1967
19670079395	Autotracking of satellites from the ground through the 8-12 mu m atmospheric window	1967
19670079396	S-C band O-type multipurpose TWT MANUFACTURING methods program Interim engineering report, 1 May - 1 Aug. 1967	1967
19670079397	Manufacturing methods for plastic airframe structures by filament winding Quarterly report, May - Jul. 1967	1967
19670079398	Research on laser balancing of rotating turbine components Interim technical report, 1 May - 31 Jul. 1967	1967
19670079399	Extension of frequency standards to submillimeter and optical wavelengths Final report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670079400	Production engineering measure for high reliability aluminum electrolytic capacitors Quarterly report, 20 Mar. - 20 Jun. 1967	1967
19670079401	On the theory of signal distortion due to ionospheric dispersion	1967
19670079402	Design and instrumentation of a color display for sonar information Summary report	1967
19670079403	Reliability testing and prediction techniques for high power silicon transistors Final report	1967
19670079404	Solid state microwave rectification Final report	1967
19670079405	Production engineering measure for mechanization of high reliability capacitors Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19670079406	Research and development of new and improved cutting tool materials Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670079407	Outdoor-exposure tests of induction-brazed tubing at Vandenberg Air Force Base	1967
19670079408	The study, design, development and fabrication of an octave bandwidth multipole switch Quarterly progress report, 13 Jan. - 12 Jul. 1967	1967
19670079409	The electrical, optical, and infrared properties of vacuum-deposited barium titanate thin films	1967
19670079410	Investigation of digital cartographic techniques. Volume I - Study and investigation Final report	1967
19670079411	Handbook for predicting semiconductor device performance in neutron radiation	1967
19670079412	Parametric fatigue analysis of USAF aircraft Final report, 1 May 1966 - 1 May 1967	1967
19670079413	Investigation of a moving belt radiator Final report, 1 May 1965 - 1 May 1967	1967
19670079414	An experiment to determine the magnitude and frequency characteristics of atmospheric shimmer observed from high altitude aircraft, volume 2 Final technical report	1967
19670079415	High energy liquid laser demonstration Annual technical progress report	1967
19670079416	Establishing production capability for mass production BA-4386/ //PRC-25 batteries using the Balaguer reverse-electrode cell construction of U.S. patent 2,903,499 Quarterly report, 27 Mar. - 30 Jun. 1967	1967
19670079417	The establishment of a radiation effects program at the NPGS Linear Accelerator Facility	1967
19670079418	Development of improved cutting tool materials Interim engineering progress report, 16 Mar. - 15 Jun. 1967	1967
19670079419	Multiple magnetic lens focusing in klystron beams Annual report	1967
19670079420	Development of a continuous flow electromagnetic alternating current traveling wave accelerator for high-density, hypervelocity wind tunnel applications Summary report, 15 Apr. 1965 - 15 Jun. 1966	1967
19670079421	Development of die materials for hot extrusion of steel and refractory metals Eighth interim technical engineering report, 1 Apr. - 30 Jun. 1967	1967
19670079422	Investigation of high power gaseous electronics Final report, 1 Feb. 1966 - 30 Apr. 1967	1967
19670079423	Aircraft coating, testing and evaluation Interim engineering report, 1 Apr. - 30 Jun. 1967	1967
19670079424	Some properties and the structure of the glass of the system BaO-SiO2-TiO2	1967
19670079425	Development of low temperature gas generator technology Quarterly report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079426	Glass fiber manufacturing process development Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670079427	Computer techniques related to electronic equipment manufacture Interim engineering progress report no. 1, Apr. - Jun. 1967	1967
19670079428	Evaluation of low-cost materials and manufacturing processes for large solid rocket nozzles. Analysis of performance, nozzle no. 9	1967
19670079429	Eastman Kodak Company, Ektachrome RT film processor, model 1411M /EH-73A	1967
19670079430	Brushless dc starter-generator Quarterly report, 1 Apr. - 1 Jul. 1967	1967
19670079431	Athena E-003, flight 082 /18 August 1967/ and Athena D-055, flight 083 /18 August 1967/	1967
19670079432	Format for the collection of liquid propellant rocket combustion instability test data	1967
19670079433	REST Semiannual progress report, 9 Jan. - 30 Jun. 1967	1967
19670079434	A stretch computer program for determining the weight, center of gravity, and axial and transverse moments of inertia of projectiles	1967
19670079435	Development of high value resistor technology compatible with thin-film integrated circuits Quarterly report, 1 Mar. - 31 May 1967	1967
19670079436	Research to advance extravehicular protective technology Final report, 1 Jul. 1965 - 30 Jun. 1966	1967
19670079437	Research on composite tape laying process for advanced fibrous reinforced composite structures Quarterly report, period ending 1 Apr. 1967	1967
19670079438	Comparison of theoretical and experimental pressure and heat-transfer distributions on three blunt nosed cylinders in hypersonic flow	1967
19670079439	Cadmium telluride and the cadmium telluride- mercury telluride system	1967
19670079440	Aircraft engine, T55-L-11 Interim report	1967
19670079441	The lifetime of H alpha-structures in active regions on the sun	1967
19670079443	Some factors to consider in the preliminary design of airborne ground-surveillance systems	1967
19670079444	Predictions of shock interaction loading by empirical formulas fitted to exact numerical solutions	1967
19670079445	Radiographic investigation of lattice distortions in solid solutions	1967
19670079446	Airborne evaluation of liquid nitrogen anticondensation system for camera pod use	1967
19670079447	High specific impulse thermal arc jet thruster technology. Part II. Performance of Hall arc jets with lithium propellant Final technical report, Apr. 1966 - Jun. 1967	1967
19670079448	A digital control and data acquisition system for the Cloudcroft electro-optical surveillance telescope	1967
19670079449	Preliminary AC-13 Centaur flight evaluation /launched 9-8-67/	1967
19670079450	Blunt-nosed missile shapes of minimum ballistic factor	1967
19670079451	Mode analysis of test cavity	1967
19670079453	Airborne phased array techniques	1967
19670079454	A liquid activated battery and battery- capacitor system for initiation of electrical detonators	1967
19670079455	Investigation of magnetically induced ionization in magnetohydrodynamic generators Annual report, 1 Nov. 1966 - 31 Jul. 1967	1967
19670079456	Analysis and application of the Pade approximation for the integration of chemical kinetic equations	1967
19670079457	Evaluation of the breakerless high frequency ignition system in the R1820-82/82A engine Final report	1967
19670079458	Project SOPHY - Solid propellant hazards program	1967
19670079459	Commercial supersonic transport program. Phase II-C report - High strength steel evaluation for supersonic aircraft	1967
19670079460	Adaptive programming techniques for circuit design Final technical report, 29 Mar. 1966 - 29 Mar. 1967	1967
19670079461	High response laser flowmeter	1967
19670079462	Comprehensive climatology of cooling power as measured with the Davos frigorimeter. Part IV - Supplemental results of the climatology of cooling power - New stations of medium altitude and of arctic regions Final scientific report	1967
19670079463	The study of hydrocarbon fuel vapor phase deposits Quarterly progress report, 16 Feb. 1966 - 16 May 1967	1967
19670079466	Industrial method of X-ray fluorescence analysis of high-strength steels Final technical report	1967
19670079467	Investigation of maintenance-free high rate, nickel-cadmium batteries for aircraft application Quarterly technical progress report, Mar. 1 - Jun. 1, 1967	1967
19670079468	Development of workability testing techniques Interim engineering progress report, 1 Apr. - 1 Jul. 1967	1967
19670079469	Current distribution in crossed-field accelerators. Part I - Effects of thermal diffusion and boundary layers Final technical report, 1 Jan. - 31 Dec. 1966	1967
19670079470	An objective method of analyzing tropical weather Semiannual report, 1 Dec. 1966 - 30 Jun. 1967	1967
19670079471	Flight path control system flight test results and description, volume I Final report	1967
19670079472	Li-Cl ₂ primary battery investigation	1967
19670079474	Turbine engine checkout	1967
19670079475	An interaction model of a supersonic laminar boundary layer on sharp and rounded backward facing steps	1967
19670079476	Aerobee NASA 4.223 NA /11 August 1967/ Meteorological data report	1967
19670079477	An experimental investigation of some aspects of frequency stability in a proposed short- range, precise navigation system	1967
19670079478	Second report of the Committee on Common Standards for Electronic Parts	1967
19670079480	Logarithmic video amplification using sequential current summation	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079481	The fatigue and fail-safe program for the certification of the Lockheed model 286 rigid rotor helicopter	1967
19670079482	Deleted record	1967
19670079484	Structural adhesive bonding	1967
19670079486	Insulation gripping electrical terminations Manufacturing research report	1967
19670079487	Manufacturing technology for the extrusion of superalloy structural shapes Interim engineering progress report, 15 Mar. - 15 Jul. 1967	1967
19670079489	Cable materials for extreme environments Progress report, 1 Feb. - 30 Apr. 1967	1967
19670079491	Machining of integrally stiffened aircraft skins Manufacturing research report	1967
19670079492	Nike-Apache Speedball II, round no. 105, SN 49 /1 August 1967/ Meteorological data report	1967
19670079493	Ku-band semiconductor T-R device production engineering measures program Quarterly progress report, 27 Jan. - 27 Apr. 1967	1967
19670079498	Coupled waves in solid state plasmas Annual report	1967
19670079501	The production of Be7 and C11 from carbon nitrogen, and oxygen by 75-MeV electrons	1967
19670079502	Wave propagation and instabilities in semiconductor	1967
19670079503	Missile silo conversion for evaluation of high energy rate impaction Phase I Interim report, 15 Apr. - 15 Jun. 1967	1967
19670079504	Flair. Volume I - User's manual	1967
19670079505	Flair. Volume III - The Fortran source listing for Flair	1967
19670079506	Program 631A, volume XIII - Experiment D-16 - Space power tool	1967
19670079507	Non-metallic radome materials for high speed aircraft Manufacturing research report	1967
19670079508	Development of the continuous production of metal strip and sheet by the slip casting process Interim engineering progress report, Apr. - Jun. 1967	1967
19670079509	Fatigue test of the model TF-9J airplane wing	1967
19670079510	Lightweight high-power thermoelectric module development Quarterly progress report, Apr. - Jun. 1967	1967
19670079511	Aerodynamic deployable decelerator performance-evaluation program Final report, Apr. 1964 - Apr. 1967	1967
19670079512	Detection and determination of ligands by analytical kinetic methods Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670079513	Effect of exposure to elevated temperature on the mechanical properties of maraging steel	1967
19670079516	Acoustic perturbation of a neon glow discharge	1967
19670079517	High energy non-aqueous battery system Quarterly progress report, 1 Mar. - 31 May 1967	1967
19670079518	Extreme value analysis of flight load measurements	1967
19670079519	Use of portable resistance welders on SST MANUFACTURING research report	1967
19670079520	Deep 1.2 integral corrugation and end cap forming methods development Manufacturing research report	1967
19670079521	On the realization of a generalized second- order digital compensator Technical report	1967
19670079522	Development of high-strength aluminum alloys with improved stress-corrosion resistance	1967
19670079524	Fatigue analyses of structural joint and panel tests	1967
19670079525	Saturn switch selector phase VI completion report	1967
19670079527	Tropical storm steering using geostrophic winds derived from smoothed 700-mb and 500-mb height fields	1967
19670079530	Neutron damage effects in noise diodes	1967
19670079531	Modeling and optimization of a silicon photosensor for a reading aid	1967
19670079532	The Boeing Company modified vehicle vent subsystem liquid hydrogen system launch complex 39A NASA P/N 75M05753 ECP 0209 Test report	1967
19670079533	Computerized techniques for the manufacture of integrated electronic systems Interim engineering progress report, 15 Apr. - 15 Jul. 1967	1967
19670079534	Investigation and optimization of cryogenic stretch formed alloys for improved rocket case development Interim report, 1 Jan. - 30 Jun. 1967	1967
19670079535	A review of the work in the United Kingdom on the fatigue of aircraft structures during the period May 1965 - April 1967	1967
19670079536	TIG welding of hydraulic system piping Manufacturing research report	1967
19670079537	Miniature welding and brazing of electrical terminations Manufacturing research report	1967
19670079538	Microwave device techniques for aerospace surveillance Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19670079540	Flodyne Controls, Incorporated, valve, cam- operated, four-way, hydraulic, NASA part number 75M12007, NASA control number 3008-4	1967
19670079541	Gaseous ion laser research Interim technical report, 1 Jan. - 31 Mar. 1967	1967
19670079542	Investigation of the effects of plastic deformation in wing pivot bearings Final technical report, 4 Mar. 1966 - 30 Jun. 1967	1967
19670079543	Development of manufacturing methods for integrated circuits using MOS transistors Interim engineering progress report, 1 Apr. - 30 Jun. 1966	1967
19670079544	The method of steepest descent and automatic solution of polynomial equations Final technical report, 1 Mar. 1966 - 30 Jun. 1967	1967
19670079545	Single sideband quartz crystal units for VHF APPLICATIONS /metal enclosures/ Final report	1967
19670079546	Explosive magnetohydrodynamics Technical report, Apr. 1966 - Apr. 1967	1967
19670079547	A test method describing the bulb-temperature instrumentation of a selected group of common usage octal and subminiature type electron tubes Final development report, 20 Dec. 1966 - 17 Mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079548	Fatigue strength design and analysis of aircraft structures. Part I - Scatter factors and design charts Final report, Dec. 1965 - Sep. 1966	1967
19670079549	Thermoluminescence of the moon	1967
19670079550	A proposed hypothetical exploration mission in the Flamsteed crater region of the moon	1967
19670079551	Static aerodynamic characteristics of the aborted Apollo-Saturn V vehicle	1967
19670079552	Dynamic properties of ceramic mixtures	1967
19670079553	Casting of machine tool fixtures Manufacturing research report	1967
19670079554	In the world of large molecules. The development of the chemistry of high molecular compounds	1967
19670079555	Evaluation of a newly designed magnetic transducer fabricated from sendust Final report	1967
19670079556	Electronically tunable diode oscillator Interim report, Nov. 1966 - Apr. 1967	1967
19670079557	A block tranfer, optically accessed memory	1967
19670079558	Review of some Swedish investigations on fatigue Technical note, Jun. 1965 - Mar. 1967	1967
19670079559	Advanced Supersonic Transport Flight Controls and Display Requirements Study, Appendices	1967
19670079560	The evaluation of materials for aerospace applications Summary report, Jan. 1966 - Jan. 1967	1967
19670079561	Production engineering measure for capacitors feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19670079562	Production Engineering Measure /PEM/ for transistor, pnp, silicon, switching type EL-2N /X-12/ Quarterly report, 26 Dec. 1966 - 25 Mar. 1967	1967
19670079564	Program for the exploratory development of a contact ionization	1967
19670079566	Titanium drill configuration - Hand drilling Manufacturing research report	1967
19670079567	Study to establish feasibility of satellite communication antennas on the L-2000-7A AIRCRAFT	1967
19670079568	Liquid-vapor equilibria of the helium-carbon dioxide system Summary report, 30 Oct. 1966 - 15 Apr. 1967	1967
19670079569	Liquid crystal media for electron beam recording Final report, 1 Feb. 1966 - 28 Feb. 1967	1967
19670079570	Reliability analysis based on time to the first failure	1967
19670079571	Development of the pyrolytic /chemical vapor deposition/ process for application to beryllium oxide radomes Final engineering report, 1 Apr. 1966 - 30 Mar. 1967	1967
19670079573	System analysis of gelled space-storable propellant Quarterly progress report, 4 May - 3 Aug. 1967	1967
19670079574	Bibliography of Stanford reports, papers and conference presentations on plasma physics	1967
19670079575	Specification for precision four-axis test table	1967
19670079576	Whisker reinforced metals Quarterly technical report, May - Aug. 1967	1967
19670079577	Metal spray dies and molds Manufacturing research report	1967
19670079578	TIG melt-thru welding of simulated pressure deck panel	1967
19670079579	Development of an integrated and mechanized high energy forming machine Interim engineering progress report, 1 May - 31 Aug. 1967	1967
19670079580	Evaluation of Kaiser aluminum honeycomb landing mat	1967
19670079581	An analytical experiment compatibility procedure for earth orbit missions	1967
19670079582	Improvement in reliability of HC-27/U glass crystal holders Final report, Dec. 1964 - Apr. 1967	1967
19670079584	Investigation of laminated structures for radio frequency applications Final report, 1 Mar. 1966 - 28 Feb. 1967	1967
19670079585	Properties and flow of dry powders	1967
19670079586	Terrain following controller flight test, part I Technical report, 12 Dec. 1966 - 12 Jun. 1967	1967
19670079587	The development of a stereogoniometer for contact angle measurement	1967
19670079588	Manufacturing of mineral polymers in a liquid and solid state	1967
19670079589	Structural and mechanical effects of interstitial sinks Interim technical report, 6 Jun. 1966 - Jun. 1967	1967
19670079590	Applied research and development of adhesives for case bonding carboxyl-terminated polybutadiene propellants	1967
19670079591	Toxicological studies on beryllium oxides and beryllium-containing exhaust products	1967
19670079592	Combined drill-reamer-countersinks for SST RIVETS Manufacturing research report	1967
19670079593	Polar sanitation - Synthetic, nonfreezing waste-carriage media Interim technical note, Jun. 1966 - Jul. 1967	1967
19670079594	Evaluation of autonetics VM8 velocity meter phase report	1967
19670079595	Relation of volume fraction to reinforcement spacing and sheet thickness of diffusion bonded metal matrix composites	1967
19670079596	Medium range atmospheric diffusion measurements from a surface source	1967
19670079598	The feasibility of using ionizing radiation for biological sterilization of spacecraft and component systems	1967
19670079600	Advanced data converter techniques investigations Final technical report	1967
19670079602	Tetrahedral research satellite Mark II DATA analysis Final report	1967
19670079603	Process development for improved high-strength superalloy sheet Engineering progress report, 1 Apr. 1966 - 31 May 1967	1967
19670079604	Functionality determination of binder prepolymers Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670079605	Lateral heat transfer within a layer of superinsulation to gold retaining pins	1967
19670079606	Exoskeleton prototype project Final report	1967
19670079607	Flight report for Delta vehicle S/N 20209, Delta program mission no. 47, spacecraft - Intelsat II/F3/	1967
19670079608	The New Zealand light aircraft fatigue meter program	1967
19670079609	Development of measurement techniques for evaluation of a visual simulation system	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079610	Program ASTEC /Advanced Solar Turbo Electric Concept/. Part III - Candidate materials orbital evaluation Technical summary report, 1 Feb. 1965 - 30 Jun. 1967	1967
19670079611	Breguet "Atlantic" - Crew safety	1967
19670079612	Aircraft engine, T53-L-13	1967
19670079613	HPD thermoelectric program optimum-length investigation Final technical report, 30 Jun. 1966 - 30 Jun. 1967	1967
19670079616	Proximity effects between superconducting and normal metals Semiannual report	1967
19670079617	Experimental program to determine the thermodynamic properties of solutions of liquefied light gases Quarterly progress report, 15 Apr. - 15 Jul. 1967	1967
19670079618	Delta launch support Final progress report	1967
19670079619	A review of recent fatigue work in Italy /1965 - 1967/	1967
19670079620	Design and development of integrated semiconductor circuits utilizing field-effect devices Interim development report, Feb. - May 1967	1967
19670079621	High-gain low-noise infrared photodetectors Final report, 4 Apr. 1966 - 3 Apr. 1967	1967
19670079622	Infrared spectra of complex organic materials using a pyrolytic technique	1967
19670079626	Atmospheric resolution tests using a 48 inch aperture telescope	1967
19670079627	Design and development of a solid-state, two module telemeter for the Talos RIM-8E MISSILE, volume I Final report	1967
19670079628	Vapor rigidized expandable solar collectors and aerospace cylinders	1967
19670079630	Turbulent and transition boundary layer based on mixing length and intermittency	1967
19670079632	Air cushion landing gear feasibility study	1967
19670079633	Three hundred deg C rotating rectifier alternator, phase I-B Interim technical report, 15 May - 15 Aug. 1967	1967
19670079634	Applied research and exploratory development of a VTOL propulsive lift measurement technique Final report	1967
19670079635	Manufacturing in-process control and measuring techniques for integral electronics Final technical report, 1 Feb. 1964 - 31 Jan. 1966	1967
19670079636	X-ray analysis of lunar materials Quarterly progress report, 15 May - 11 Aug. 1967	1967
19670079637	A study of lunar geophysics under the Apollo applications program Status report, 1 Feb. - 31 Jul. 1967	1967
19670079640	A review of the Swiss investigations on aeronautical fatigue during the period June 1965 - April 1967	1967
19670079642	Coordination chemistry in non-aqueous media Final technical report, Jul. 1966 - Jun. 1967	1967
19670079643	Production engineering measure for silicon npn switching transistors Quarterly progress report, 25 Feb. - 25 May 1967	1967
19670079644	Radiation effects in dielectric materials Quarterly report, 1 Mar. - 31 May 1967	1967
19670079645	Development of six prototype platform monitoring selector systems Final report	1967
19670079646	Video detector development Final report, 15 Jul. 1966 - 15 Jul. 1967	1967
19670079647	Production engineering measure for insulated gate field effect transistors Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670079648	Technical evaluation of spectrum analyzer MD-50B Final report, Dec. 1966 - Jun. 1967	1967
19670079649	To investigate a far-field prediction system for acoustic transducers Final report, 20 May 1966 - 28 Feb. 1967	1967
19670079650	Mutual coupling in a three-element, parallel- plate waveguide array by wedge diffraction and surface integration techniques	1967
19670079651	A lumped-component circuit for measuring transistor unilateral gain Research report, Apr. 1963 - Oct. 1965	1967
19670079652	Doppler optical navigator Technical report, 1 Jun. 1964 - 31 Mar. 1966	1967
19670079653	Investigation of hot corrosion of nickel base superalloys used in gas turbine engines Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670079654	A study of an interdigital array antenna Quarterly report, 1 Feb. - 31 Mar. 1967	1967
19670079655	The size of ionospheric Fresnel zones in long wave propagation	1967
19670079656	Continued development of a safety lanyard and static line for use with flare, aircraft, parachute, MK24, all mods	1967
19670079657	Proposed barium oxide molecular beam frequency standard	1967
19670079659	Silver-zinc missile power supply Quarterly technical progress report, 31 Mar. - 30 Jun. 1967	1967
19670079660	An experimental investigation of surface effects on nucleate pool boiling of liquid nitrogen from a horizontal surface	1967
19670079661	Honest John Missile no. 622, round no. 554 RGL /9 August 1967/ Meteorological data report	1967
19670079662	Investigation into a mathematical theory of the kinetics of coagulation of colloidal solutions	1967
19670079663	An isophotometrical study of wiggles in the solar iron lines	1967
19670079664	Miniature crystals for SSB applications in coldweld enclosures and crystal units with high temperature bonding Interim report, 20 Oct. 1966 - 20 Apr. 1967	1967
19670079665	Atmospheric propagation studies at optical, millimeter, and microwave frequencies, part III Final technical report	1967
19670079666	Investigation of general wire antennas Final report, May 1966 - Jul. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079667	Buffet response and aerodynamic damping characteristics of aeroelastically scaled Titan III/MOL configurations at transonic speeds	1967
19670079668	Static aerodynamic characteristics of the Apollo-Saturn IB vehicle	1967
19670079669	Research in connection with propagation of Very Low Frequency /VLF/ Annual technical report	1967
19670079671	Studies of large negative ions Annual summary report	1967
19670079672	Development of oxidation-resistant hafnium alloys Final report, 15 Mar. 1966 - 15 Apr. 1967	1967
19670079673	Development of cast superalloy dies for hot die forging systems Interim engineering progress report, 15 Apr. - 15 Jul. 1967	1967
19670079674	Radiation from the boundary layer of a slender nonablating cone	1967
19670079675	Single crystal silicon films on insulating substrates /Follow on program/ Quarterly report, 1 May - 31 Jul. 1967	1967
19670079677	KSC Apollo quarterly reliability and quality assurance status report /second quarter 1967/	1967
19670079678	Agriculture/forestry resource survey program Quarterly status report, 1 Jul. - 1 Sep. 1967	1967
19670079679	Manufacturing techniques for application of a duplex W/Si-W coating on tantalum components Interim progress report, 1 May - 31 Jul. 1967	1967
19670079680	Reliability analysis based on time to first failure Summary report, 15 Apr. - 31 Dec. 1966	1967
19670079682	Development program manual. Instrument systems. USAF series XB-70A	1967
19670079683	LFC aircraft design data laminar flow control demonstration program Final report	1967
19670079685	Subtractive light flat panel display Interim technical report, 1 Mar. - 31 Aug. 1967	1967
19670079686	Ductile-brittle transition in metals Final report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670079687	F-4C stability and control tests with a TAC TRAINING loading Final report	1967
19670079690	Improved fabrication methods of jet engine rotors Interim engineering report, 1 Jul. - 30 Sep. 1967	1967
19670079691	Kleinwetterlagen 2 Final report	1967
19670079692	Development and utilization of specification MIL-L-22851A ashless dispersant lubricating oils for aircraft reciprocating engines Final report	1967
19670079694	Welding and brazing of beryllium, 1964 - May 1967 - An annotated bibliography	1967
19670079695	Dual command receiver type 221	1967
19670079696	Backscattering of radiation from slabs	1967
19670079698	Contributions to the methods for studying electrochemical kinetics	1967
19670079699	Control servos for the R angstrom OE 84-foot radio telescope	1967
19670079700	Investigation of large area dendritic web type germanium photovoltaic cells Quarterly report, 15 Oct. 1966 - 31 May 1967	1967
19670079701	Integrated solid state circuit EMI SUSCEPTIBILITY investigation Interim report, 16 Dec. 1966 - 15 Jun. 1967	1967
19670079702	On the effect of an impulse of X-rays from a nuclear burst in space on the propagation of low frequencies in the terrestrial waveguide	1967
19670079703	Graphic method of lifetime prediction for extra-terrestrial orbits Final report, 13 Apr. - 22 Sep. 1967	1967
19670079704	A semi-automatic method for interpreting shearing interferograms, appendix 4	1967
19670079706	Water management section-leak and functional test	1967
19670079707	Molecular electronics for radar applications, phase II Interim report, 1 Mar. - 31 May 1967	1967
19670079709	Study of low acceleration space transportation systems, phase II - Study report, volume I - Summary	1967
19670079711	Study of orbit error analysis Final report	1967
19670079712	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, 20 Feb. - 20 May 1967	1967
19670079714	Organic fluid products removal Quarterly progress report, 22 May - 14 Aug. 1967	1967
19670079716	Melt spinning of super alloys Interim progress report, 1 May - 31 Jul. 1967	1967
19670079717	A simplified study of open-cycle magnetohydrodynamic power generation and an examination of the possible role of supersonic combustion in the cycle	1967
19670079719	Post boost propulsion system propellant characteristics report	1967
19670079720	Rubidium maser improvement Final report, 1 Jun. 1966 - 31 May 1967	1967
19670079722	Variable capacitance diode production engineering measures program Quarterly report, 28 Mar. - 27 Jun. 1967	1967
19670079723	An analysis of the formation and motion of turbulent patches in the transition boundary layer	1967
19670079724	Transition experiments at the front attachment line of a 45 deg swept wing with a blunt leading edge Final report, Feb. - Dec. 1966	1967
19670079725	Tunnel injection luminescence Final technical report, 1 Mar. 1966 - 1 Feb. 1967	1967
19670079726	Combustion irregularities of solid propellants Final report, 1 Oct. 1965 - 30 Sep. 1966	1967
19670079727	Plasma arc welding process development program Interim engineering progress report	1967
19670079728	APL geodetic satellite project /ANNA/ STATUS report, Oct. - Dec. 1966	1967
19670079729	Research in purification and single crystal growth of II-VI compounds Quarterly progress report, 16 Apr. - 15 Jul. 1967	1967
19670079730	Meteorological data. Volume LXVIII, no. 2 - Daily and monthly Northern Hemisphere 10-millibar synoptic weather maps of the year 1966, part II Quarterly technical status report, Apr. - Jun. 1966	1967
19670079731	Development program manual. Flight augmentation control system, USAF series XB-70A Aircraft	1967
19670079733	Broadband UHF transistor structure Interim technical report, 1 Jan. - 30 Apr. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079734	Fuel cell systems reliability assessment Quarterly progress report	1967
19670079735	Mission oriented advanced nuclear system parameters study, phase V Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670079736	Feasibility analysis of advanced power concentrators. Volume I - Design considerations Technical report, Jul. 1965 - Mar. 1966	1967
19670079737	Phase and amplitude measurements on a VA-146 AND VAC-804	1967
19670079738	Bathymetric-magnetic field investigations - Southern portion, San Juan seamount	1967
19670079739	Millimeter wave mixers Quarterly report, 1 May - 1 Aug. 1967	1967
19670079740	Determination of the electrical characteristics of rocket exhaust plumes with electrostatic probes Semiannual progress report, 1 Jan. - 30 Jun. 1967	1967
19670079742	Review of some investigations on fatigue in the Netherlands	1967
19670079743	Agriculture/Forestry Resource program Quarterly status report, 1 Apr. - 30 Jun. 1967	1967
19670079745	High-strength steels	1967
19670079746	Mechanical properties of metals - Review of recent developments	1967
19670079748	Investigation of the use of stellar references for automatic orientation of theodolite platforms Final report	1967
19670079749	Image dissector camera system Quarterly report, 2 Mar. - 2 Jun. 1966	1967
19670079750	Image dissector camera system Quarterly report, 2 Sep. - 2 Dec. 1966	1967
19670079751	Data conditioning and display for Apollo prelaunch checkout Final report	1967
19670079752	Minimum weight and minimum cost evaluation of materials for surface ship construction	1967
19670079753	Calibration of the 8 ft. by 8 ft. wind tunnel	1967
19670079755	Design of a small compact wideband antenna	1967
19670079756	Proceedings of the National Aeronautics and Space Administration Symposium on Electroexplosive Devices	1967
19670079757	Evaluation of the orbiting laboratory concept for geophysical research in the near-earth environment Final report	1967
19670079758	Progress in macromolecular chemistry	1967
19670079761	Anomalous dispersion in the field of radiology	1967
19670079762	Basic research	1967
19670079763	Modeling and measurement techniques for large spherical arrays Final report	1967
19670079764	Development of hydrothermal method for growing single crystals of high purity beryllium oxide and the study of the feasibility of hydrothermal growth of selected crystals Progress report, 16 Apr. - 15 Jul. 1967	1967
19670079765	Alternative mission modes study, volume II FINAL technical report, Aug. 1966 - Aug. 1967	1967
19670079766	Structural and mechanical effects of interstitial sinks	1967
19670079767	Propulsion technology Monthly survey no. 8	1967
19670079768	New reactions of metal carbonyls and related compounds Final report, 1 Jul. 1966 - 30 Jun. 1967	1967
19670079769	Half millimeter "backward wave oscillator" Technical progress report, 1 Jan. - 31 Mar. 1967	1967
19670079770	Alternative mission modes study, volume I - Summary report Final report	1967
19670079771	Manufacturing methods applicable to 10 to the 8th bit magnetic wire mass memory Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670079772	System description document octahedral research satellites Mark III - A and B/ERS 17 and 18/	1967
19670079773	Examination of defective F-4B aircraft honeycomb structures	1967
19670079774	Standard Agena plumbing improvements Final report	1967
19670079775	Solid-state synthesis of microwave functions Interim technical report, 1 Feb. - 30 Apr. 1967	1967
19670079776	Radioisotope power devices of the U. S. Navy, volume I. Number 2 Quarterly operating report, 1 Apr. - 30 Jun. 1967	1967
19670079778	Implications of millimeter wave research and technology on naval problems Final report	1967
19670079779	ANSPEC. Fortran II program for analysis of isobaric analogue states in proton elastic scattering	1967
19670079780	Absorption measurements with riometer Data summary, Jul. - Dec. 1966	1967
19670079782	Development of an integrated display device Technical progress report, 1 Mar. - 31 May 1967	1967
19670079783	Effects of high intensity thermal radiation on optical and infrared materials	1967
19670079784	The study of hydrocarbon fuel vapor phase deposits Quarterly report, 16 May 1966 - 16 Aug. 1967	1967
19670079785	Development of a manufacturing process for thin sheet and foil of TD nickel-chromium alloy Interim report, 1 Mar. - 31 Jul. 1967	1967
19670079786	Broadband high burnout solid state integrated X-band limiter and balanced mixer Quarterly report, 1 May - 31 Jul. 1967	1967
19670079787	Development of high contrast cathode ray tubes, 3 May 1966 - 3 February 1967	1967
19670079789	Carboxyl-terminated polyhydrocarbons Summary report, 1 Jul. 1964 - 30 Jun. 1966	1967
19670079791	Discharge structure and stability of a linear non-equilibrium magnetohydrodynamic generator	1967
19670079792	Transportation and handling	1967
19670079793	Descent stage OCPS proof pressure, external leakage and flow checks	1967
19670079794	Study to define microbiological test requirements for manned space flight	1967
19670079795	Daily and monthly Northern Hemisphere 30-millibar synoptic weather maps of the year 1966. Part II - April - June Quarterly technical status report	1967
19670079796	High energy laser harmonic generation research Final report, 17 Jun. 1966 - 16 Jun. 1967	1967
19670079797	Third order intermodulation study Final report, 3 Mar. 1966 - 2 Mar. 1967	1967
19670079798	Resonant systems for dynamic transducer evaluations Quarterly report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079799	The calculation of aerodynamic forces and pressures on wings entering step gusts	1967
19670079800	Secondary combustion of pentaborane-hydrazine exhaust in air Quarterly technical progress report, 1 May - 31 Jul. 1967	1967
19670079802	Force tests on a TX-61 model for various spin rates at M infinity equals 2.5	1967
19670079803	Interference reduction techniques for frequency converters Quarterly report, 15 Mar. - 15 Jul. 1967	1967
19670079804	Heat transfer from a cylindrical source to liquid in porous media	1967
19670079810	Investigation of the neurological correlates of information reception Progress report, 1 Jan. - 30 Jun. 1967	1967
19670079811	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen Quarterly progress report for period ending 30 Sep. 1967	1967
19670079812	Fan jet Falcon design and certification tests	1967
19670079813	The provision of temperature information for the operation of supersonic transport aircraft on the route between London or Paris and New York	1967
19670079814	Studies of development of stress response mechanisms Progress report, 17 Mar. - 30 Sep. 1967	1967
19670079815	Study of vacuum welding Final report, 2 Mar. 1964 - 1 Jan. 1966	1967
19670079817	The Boeing Company explosive bolt release system control panel assembly NASA part number 75M20048 Test report	1967
19670079818	Interpretation of antenna-radiation patterns	1967
19670079819	Apollo command and service module integrated thermal subsystem analysis program	1967
19670079820	Print reader output correction study Final report, Jun. 1966 - Jun. 1967	1967
19670079821	HF and LF propagation models for interference prediction Final report, Mar. 1966 - Jun. 1967	1967
19670079822	Picosecond risetime switch study Final report	1967
19670079823	Development of manufacturing methods for production of a wide dynamic range television pickup tube. Final design specification WX-31222, WX31223, 1 September 1966 - 30 January 1967	1967
19670079824	Data analyses in connection with the National geodetic satellite program Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670079834	Fluorocarbon binder /U/ Quarterly report, 13 Feb. - 12 May 1967	1967
19670079835	The human visual system and image interpretation	1967
19670079836	Improvement of pyrolytic graphite coated nozzles for solid propellant rocket motors Interim technical report, 1 Jan. - 15 Aug. 1967	1967
19670079837	Reliability and maintainability accomplishments of Rome Air Development Center from 1956 to 1966	1967
19670079838	Kaman nuclear microbarograph evaluation	1967
19670079839	Smooth specimen simulation of fatigue behavior of notches	1967
19670079840	Improvement in InSb detector arrays Interim engineering progress report, 15 Mar. - 15 Jun. 1967	1967
19670079841	Investigation of close tolerance time delay initiators	1967
19670079842	Report of fog dissipation test conducted on Wiesbaden Air Base, 31 January 1967	1967
19670079843	Airfield pavement evaluation, USNAS Los Alamitos, California	1967
19670079844	Construction and preliminary evaluation of an environmental test chamber	1967
19670079845	The influence of prestrain and ageing on the tensile behavior and Bauschinger effect in a low alloy steel	1967
19670079846	Coaxial GaAs varactor diode Interim technical report, 7 Jun. - 6 Sep. 1967	1967
19670079848	Two theorems on clusters of roots of polynomial equations	1967
19670079850	Structural flight loads data from T-37B AIRCRAFT. Volume I - VGH data Final technical report, 9 May - 20 Nov. 1966	1967
19670079851	Accelerated testing of high reliability parts Final technical documentary report, 17 Dec. 1965 - 17 Dec. 1966	1967
19670079852	Voice quality determination study Final technical report, 6 Apr. 1966 - 5 Apr. 1967	1967
19670079853	Automatic checkout and adjustment methods for the servo and control systems of large steerable antennas Final report, 15 Jun. 1966 - 15 Mar. 1967	1967
19670079854	Saturn IB mission plan and technical check list, revision 14	1967
19670079855	HF antenna optimization study /mathematical representation of a log-periodic antenna/	1967
19670079856	Determination of the time interval between intercepts on a two-beam counter-mortar radar from a storage tube display	1967
19670079857	Development of manufacturing techniques for production of rain erosion resistant coated structures Interim engineering progress report, 1 May - 31 Jul. 1967	1967
19670079858	Development program manual - Propulsion related systems - USAF series XB-70A AIRCRAFT	1967
19670079859	Titanium panel extrusion development program Interim engineering progress report, 15 Feb. - 15 May 1967	1967
19670079860	Design techniques for a facsimile scanner Interim report, 1 Oct. 1966 - 31 May 1967	1967
19670079861	The evaluation of Pennsalt 2828B as a dual-purpose cleaner for aircraft surfaces	1967
19670079862	Space and reactor radiation effects on electromagnetic signals and aerospace vehicle electronic components	1967
19670079863	Basel mathematical notes. An improved general routine for solving algebraic equations	1967
19670079864	Identification of rocket propellants by optical methods, volume II Technical report, 15 Jul. 1965 - 15 May 1967	1967
19670079865	A review of physical fitness tests with particular reference to the maximal oxygen intake	1967
19670079866	Elongation of zinc crystals under the effect of ultrasound	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079867	Study of effect of solidification structure on strength of metals Final annual progress report	1967
19670079868	Study of transient radiation effects on microelectronics Final technical report, Jan. 1966 - Mar. 1967	1967
19670079869	Production engineering measure for improved reliability of solid electrolyte capacitors Quarterly report, 30 Mar. - 30 Jun. 1967	1967
19670079870	Multicomponent strain seismograph Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19670079871	AFFTC test facilities handbook. Section V. Technical support division	1967
19670079872	Cadmium plating by vacuum deposition	1967
19670079873	Low light level television flight test program mechanical design approach and installation, Project Nite Owl	1967
19670079874	Fabrication of precision radomes from woven and sewn fiberglass socks	1967
19670079875	Lightweight composite pressure air reservoir development	1967
19670079876	Development of an integral igniter for the Dragon missile side thruster	1967
19670079878	Structural alloys for hydrofoil craft	1967
19670079879	Reflection of very slow electrons by metal surfaces	1967
19670079882	Mechanical-property data HP 9Ni-4Co-45C steel	1967
19670079883	Mechanical-property data HP 9Ni-4Co-25C steel	1967
19670079884	Basic investigation of cryogenic refrigeration methods	1967
19670079885	Design and spectral determination of a low- energy, flash X-ray device	1967
19670079887	Development of a manufacturing process for the electroslag melting and casting of materials Quarterly progress report, 16 Mar. - 15 Jun. 1967	1967
19670079889	Test and evaluation of specialized material Quarterly report, 28 Feb. - 26 May 1967	1967
19670079890	Flight planning and conduct of the M2-F2 glide flight program Final technical report, 22 Jul. 1966 - 10 May 1967	1967
19670079892	Honest John Missile no. 2683, round no. 555 APL /21 August 1967/ and Honest John Missile no. 2736, round no. 556 APL /21 August 1967/ Meteorological data report	1967
19670079893	Detection of water in jet fuel and residual fuel. Item 2 - Prototype instrumentation Bimonthly progress report, 21 Jun. - 21 Aug. 1967	1967
19670079894	Development program manual /utility systems/	1967
19670079896	Nike-Apache Speedball II round no. 103, SN 50 and round no. 104, SN 50 /26 July 1967/ Meteorological data report	1967
19670079897	Design requirements for reactor power systems for lunar exploration, volume II Final report	1967
19670079898	CRT /tactical/ Interim report, Nov. 1966 - Jun. 1967	1967
19670079899	Propellant combustion phenomena during rapid depressurization Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19670079902	Metals joining	1967
19670079903	Study of helicopter gear lubrication Final report, Jun. 1966 - May 1967	1967
19670079904	Development program manual. Hydraulic operated systems, USAF series XB-70A AIRCRAFT	1967
19670079905	RL10 rocket engine Monthly technical report, 1 Jun. - 1 Jul. 1967	1967
19670079906	Flight Reference Stabilization System /FRSS/ sled test program Final report, Aug. 1966 - May 1967	1967
19670079907	Interference reduction techniques for pulsed transmitters Final technical report, 15 Jul. 1965 - 31 Apr. 1967	1967
19670079908	Transient behavior of microwave networks Final technical report, 28 May - 2 Jun. 1967	1967
19670079909	Research on relaxation processes in magnetic materials Technical report, Sep. 1965 - Apr. 1967	1967
19670079910	LM/AGS flight equations narrative description	1967
19670079911	Titanium and titanium alloys	1967
19670079912	A study of IR detector materials Semiannual report	1967
19670079913	The mesomorphic states of labor	1967
19670079914	Semiactive thermal control system. Volume II - Computer program for system analysis Final report, Dec. 1965 - Dec. 1966	1967
19670079915	Basel mathematical notes on the Morse - Kuiper theorem	1967
19670079917	Accelerated service evaluation of the Sundstrand 30 KVA constant speed drive in the F-4J airplane with J79-GE-10 engines Final report, 5 May - 30 Jun. 1967	1967
19670079918	Integration and launch support and part flight analysis of the resistojet thruster system on ATS-B Final report	1967
19670079919	Investigation of the thermoelectric adsorber concept for carbon dioxide removal from breathing atmospheres Final report, 1 Jul. 1966 - 31 Aug. 1967	1967
19670079920	Development program manual. Ground handling and servicing, USAF series XB-70A AIRCRAFT	1967
19670079921	Development program manual. Environmental control systems, USAF series XB-70A AIRCRAFT	1967
19670079922	Microwave propagation in periodic ferrite structures Interim report	1967
19670079923	A computer program for calculating the natural modes of a non-uniform beam Technical report, fiscal year 1966-1967	1967
19670079925	Development of the XM67 close tolerance delay element	1967
19670079926	Advanced Supersonic Transport Flight Controls and Display Requirements Study	1967
19670079927	Rayleigh wave signal to noise enhancement for a small teleseism using LASA, LRSM, and observatory stations	1967
19670079928	Stable isotope dilution analysis. Part II - Determination of stable compounds	1967
19670079930	The chemical equilibrium problem - An application of SUMT	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670079931	Apollo sample return Progress report, 15 Mar. - 15 Sep. 1967	1967
19670079932	Nonmetallic materials selection guidelines	1967
19670079934	Silver-zinc electrodes and separator research	1967
19670079935	Broadband array antenna beam formation and filtering Final report, 24 Feb. 1966 - 24 Mar. 1967	1967
19670079936	Effects of 80 MeV electron damage on thermal properties of polystyrene	1967
19670079937	Various methods of trimming titanium skins. Manufacturing research report	1967
19670079938	Improved methods for the approximate prediction of large deformation of ICBM STRUCTURES for use in lethality analysis, volume I	1967
19670079940	An electric arc in a transverse magnetic field - A theory for an arc of low power	1967
19670079941	Survey hand routing of titanium Final report	1967
19670079944	An estimating method for wing weight	1967
19670079945	Preferential changes in electronic materials Interim technical report, 17 Apr. - 17 Jul. 1967	1967
19670079946	Compact H-F aircraft antennas /2-30 MHz/ Final report, 21 Jan. 1965 - 1 Aug. 1967	1967
19670079947	Production engineering measure for manufacture of meteorological balloons type ML-S66/ /AM QUARTERLY progress report, 1 Jan. - 31 Mar. 1967	1967
19670079948	Computer program for one-dimensional nonequilibrium reacting gas flow Final report, 3 Oct. 1966 - 31 Mar. 1967	1967
19670079949	Liquid laser parameters	1967
19670079950	Development of fuel-rich propellants for air augmented rocket applications /MINOX/ /U/ Semiannual technical report, 1 Jan. - 30 Jun. 1967	1967
19670079951	Manufacturing process for energetic storable liquid oxidizer /U/ Final report	1967
19670079952	Densification of LMH-2 /U/ Quarterly report, Feb. - Apr. 1967	1967
19670079953	Heat transfer study of compound A /U/ Quarterly report, 1 Apr. - 1 Jul. 1967	1967
19670079954	Propulsion Development Department review. Part 1. Propulsion techniques, systems, and analysis, April - June 1967 /U/	1967
19670079955	Propulsion Development Department review. Part 2. Propellants and materials, April - June 1967 /U/	1967
19670079956	Propulsion Development Department review. Part 4. Liquid propulsion, April - June 1967 /U/	1967
19670079957	VA-899 superpower microwave amplifier development program /U/ Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19670079958	High-pressure research toward high-energy propellants /U/ Quarterly progress report, Apr. 1 - Jun. 30, 1967	1967
19670079960	Continuous-wave side-looking airborne radar study /U/ Quarterly technical report, 1 Nov. 1966 - 1 Feb. 1967	1967
19670079962	Fiber optics image inverters /U/ Interim quarterly report, 25 Oct. 1966 - 24 Jan. 1967	1967
19670079965	Mixing of highly sensitive solid propellants /U/ Interim report, 1 Apr. - 31 Jun. 1967	1967
19670079966	Kinetics of decomposition of solid oxidizers /U/ Quarterly technical report, 1 Apr. - 30 Jun. 1967	1967
19670079967	Degradation of imagery from optical-mechanical scanners - Moisture condensation on optics	1967
19670079968	Infrared sensor arrays /U/ Interim technical report, 1 Apr. - 30 Jun. 1967	1967
19670079969	Kinetics of decomposition of solid oxidizers /U/ Quarterly technical report, 1 Mar. - 31 May 1967	1967
19670079970	Production engineering measure for subminiature, high reliability ceramic capacitors Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670079971	Universal rectifier design study Final report	1967
19670079972	NWL-8 geodetic parameters based on Doppler satellite observations	1967
19670079973	Evaluation of Astropak cushioning material	1967
19670079975	Hypersonic heating on plates with deflected flaps - Outline of an analytical and experimental program	1967
19670079976	Review of investigations on aeronautical fatigue in the Federal Republic of Germany, May 1965 - March 1967	1967
19670079977	The International Committee on Aeronautical Fatigue /I.C.A.F./, its foundation, growing and to-day's philosophy	1967
19670079978	Welding without stripping evaluation, flexible circuitry	1967
19670079979	Radar backscattering studies Technical quarterly progress report, 20 Dec. 1966 - 20 Mar. 1967	1967
19670079981	Chemical Propulsion Newsletter, Volume 3, No. 11	1967
19670079985	Heat-sterilizable solid propellants (U)	1967
19670079988	Optimum turning theory applied to submersibles with two sets of fins /U/	1967
19670079991	Improved CdTe solar cell and array environmental effects investigation Quarterly technical report, 1 Jun. - 31 Aug. 1967	1967
19670079992	Circular polarization of capture gamma rays from $^{35}\text{Cl}/n, \gamma/^{36}\text{Cl}$ measured with a Ge/Li/ detector	1967
19670079993	Wideband, large dynamic range, EMP receiver	1967
19670079994	Testing of a cupola power drive system Final report, Feb. 1966 - Jun. 1967	1967
19670079996	Improved ceramic substrate for thin film microassemblies Quarterly progress report, 30 Mar. - 29 Jun. 1967	1967
19670079997	The effect of neutron and temperature environment on sensistors, stabistors, and zener diodes	1967
19670079998	Uniformity of readings of commercial oxidation-reduction electrodes used in tissue cultures	1967
19670080000	The application of Fourier analysis to one dimensional initial value problems for viscoelastic wave propagation	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080001	Fracture toughness, fatigue and corrosion characteristics of high strength aluminum extrusions and plate Quarterly technical report, 27 Mar. - 27 Jun. 1967	1967
19670080002	Test evaluation of specialized material Quarterly report, 15 Nov. 1966 - 28 Feb. 1967	1967
19670080003	Advanced gallium arsenide technology Interim engineering progress report, 1 May - 31 Jul. 1967	1967
19670080004	Mars orbiter probe definition	1967
19670080006	Fast azimuth alignment technique using data link	1967
19670080007	Correction of a fault in link fringe count micrometer type 214	1967
19670080008	Constant current elements	1967
19670080010	Doppler optical navigator Interim engineering report, 1 May - 31 Jul. 1967	1967
19670080012	Neutron die-away experiment for lunar and planetary surface analysis - Phase II QUARTERLY progress report, 3 Jul. - 1 Oct. 1967	1967
19670080013	Contribution to the study of relationships between solar and geomagnetic activity	1967
19670080014	Absence of effects of various liquid stresses on salivary secretion	1967
19670080016	Digital compensation of the thrust vector control system Technical report, 28 Jan. - 28 May 1967	1967
19670080017	Meteorological data. Volume LXXXVIII, no. 1 - Daily and monthly Northern Hemisphere 5-millibar synoptic weather maps of the year 1966, part I Quarterly technical status report, Jan. - Mar. 1966	1967
19670080019	Construction of binary multifrequency test signals	1967
19670080020	Peripheral jet ground effect vehicle. Energizing study of the composite propulsion /deviation of the longitudinal section of the support jet/	1967
19670080022	The laminar boundary layer in water with variable properties	1967
19670080026	Advanced cryogenic rocket engine program, aerospike nozzle concept /U/ Quarterly progress report, 1 Mar. - 31 May 1967	1967
19670080033	Turbine-type cooler for air conditioning systems	1967
19670080035	Effect of sulfur in JP-5 fuel on hot corrosion of coated superalloys in marine environment Progress report, 1 Apr. - 30 Jun. 1967	1967
19670080036	Development program manual /electrical systems/	1967
19670080044	Stability of LMH-2 in liquid carriers /U/ Final report, Jan. 6, 1966 - Feb. 24, 1967	1967
19670080056	Reentry measurements program. RMP-B-VEHICLE SYSTEMS - General /U/ Semiannual report, Oct. 1966 - Mar. 1967	1967
19670080059	Force tests on AGM69A missile configurations at supersonic speeds /U/ Technical report, Feb. 20 - Mar. 21, 1967	1967
19670080062	Advanced workshop in synchronous orbit	1967
19670080064	Computer-driven display requirements for Saturn checkout and launch operation	1967
19670080065	Lithium-nickel fluoride secondary battery investigation Quarterly technical progress report, 27 Apr. - 27 Jul. 1967	1967
19670080067	Format II - Second version of Fortran matrix abstraction technique. Volume II - Description of digital computer program Final report, May 1965 - Oct. 1966	1967
19670080068	A new radiosonde for measuring the electric field in the free atmosphere	1967
19670080069	Investigation of the ignition and combustion of metal wires Final report	1967
19670080070	Epitaxial growth of ferromagnetic garnets	1967
19670080071	Lasers and their effects Annual progress report, 20 May 1966 - 31 May 1967	1967
19670080072	Digital display and recording system and modifications to the discontinuous tracking task Final report, 1 Jun. 1964 - 15 Apr. 1967	1967
19670080074	Model computations of vertical motion in the upper troposphere and lower stratosphere from wind potential data	1967
19670080075	Extended development of M1218a executive control program Final report	1967
19670080076	Simultaneous measurement of total body water, exchangeable sodium and exchangeable potassium under clinical conditions	1967
19670080077	Origin of stress corrosion cracks in 18-11 stainless steel as studied by electron and optical microscopy	1967
19670080078	Compressible flow in conduits with circular cross sections	1967
19670080079	Application of differential thermal analysis in textile chemistry. Part II - Comparison of calorimetric with roentgenographic, ir-spectroscopic, and volumetric measurements for fine structure analyses of 6-polyamide and polyethylene terephthalate fibers	1967
19670080081	A study on 1,4-dialdehyde-benzene-2,5- dicarbonic and 1,3-dialdehyde-benzene-4,6- dicarbonic acids	1967
19670080082	Adaptive signal processing in time varying channels	1967
19670080083	The influence of the eigen rotation of the central body on the motion of satellites according to the Einstein gravitational	1967
19670080084	A generalization of the Korringa-Kohn- Rostoker method for calculating the one- electron wave functions and energy bands in crystals	1967
19670080085	Calculation and experimental comparison of the amplification factor for the 6328 angstrom laser transition in a He-Ne gas discharge	1967
19670080086	Advance design and analysis of a hybrid kick stage	1967
19670080087	Portable moving electron beam welding system Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670080088	Spacecraft rocket engine chamber insulation materials Interim report, 1 Jun. 1966 - 31 May 1967	1967
19670080089	A furnace with an extremely wide range of cooling rates Research report, Oct. 1963 - Feb. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080090	Preferential changes in electronic materials Final technical report, 1 Apr. 1966 - 31 Mar. 1967	1967
19670080091	Large motor case technology evaluation Final report, 11 Jun. 1965 - 31 May 1967	1967
19670080092	Nonuniformities and instabilities in partially ionized gases in the presence of a magnetic field Semiannual progress report, 15 Mar. - 15 Sep. 1967	1967
19670080093	Research and development of semiconductor diodes for use in harmonic generator applications using single diodes Quarterly progress report, 20 Mar. - 19 Jun. 1967	1967
19670080094	Thermoshock testing of turbine vanes with surface protection	1967
19670080095	Axes transformation-techniques for VTOL- SIMULATION	1967
19670080096	Remarks on velocity profiles in the transitional boundary layer	1967
19670080097	Magnetic resonances of small lithium particles	1967
19670080098	Properties of planar antennas radiating into linear inhomogeneous media with application to plasma diagnostics	1967
19670080099	Test and evaluation of the color conversion kit model no. 008-6 for Niagara printer	1967
19670080100	The effect of environment on the corrosion of metals in sea water - A literature survey Final report, Oct. 1966 - Mar. 1967	1967
19670080101	Unsteady aerodynamic field with application to panel flutter	1967
19670080102	The inverse Stark effect for the second terms of the principal series of rubidium and cesium	1967
19670080103	Low frequency investigation of the ion-ion hybrid resonance in two-ion species plasmas	1967
19670080105	Aerodynamic characteristics of rectangular solid bodies of various fineness ratios at Mach numbers of 0.74 and 1.88 Test and evaluation report	1967
19670080106	Design and analysis of decoupling techniques Final report	1967
19670080107	Compact doubly loaded VHF antenna Semiannual report, 28 Oct. 1966 - 28 Apr. 1967	1967
19670080108	The effect of commercial 1,1,1-trichloroethane and other halogenated solvents on metals	1967
19670080109	Accelerated testing of high reliability parts Final report	1967
19670080111	The method of Laguerre for the approximation of the roots of certain algebraic equations and the Hermite criterion	1967
19670080112	Refractory laser oxide materials Interim engineering report, 1 Feb. - 31 Jul. 1967	1967
19670080113	Blade defects investigation A compressor	1967
19670080114	Research investigation of decomposition of composite solid propellants Final report, 5 Jul. 1966 - 4 Jul. 1967	1967
19670080115	Support for program of atmospheric radiation measurements to be conducted on a NASA AIRCRAFT Progress report, 1 Apr. - 30 Jun. 1967	1967
19670080116	An Investigation of Tandem Row High Head Pump Inducers Progress Report, 1 Jul. - 30 Sep. 1967	1967
19670080117	Study of dynamic and static seals for liquid rocket engines. Volume 2 - the effects of geometry and inertia on face seal performance Final report, 1 Jan. 1966 - 14 Feb. 1967	1967
19670080118	The approximation of Laguerre for roots of an equation which has only real roots	1967
19670080119	Proton scattering in carbon	1967
19670080120	Study of dynamic and static seals for liquid rocket engines, volume 1 Final report, 1 Jan. 1966 - 14 Feb. 1967	1967
19670080122	Study of nonparametric techniques for estimating reliability and other life quality parameters Quarterly report, 20 Jul. - 20 Oct. 1967	1967
19670080123	Study of ionospheric and telecommunications experiments on manned spacecraft Final report	1967
19670080125	Foundational research projects Quarterly report, Apr. - Jun. 1967	1967
19670080126	Network synthesis and sensitivity research Final report, Jun. 1966 - Jun. 1967	1967
19670080127	Some effects of gamma radiation on silicon and silicon devices	1967
19670080128	Research and development program on NMR-EPR COMMUNICATION receiver Final technical report	1967
19670080129	An active retrodirective array with bilateral tunnel diode amplifiers	1967
19670080130	An electron beam probe for measurements of gas properties	1967
19670080131	Evaluation of soil strain gage instrumentation Technical report, Jun. 1965 - Feb. 1967	1967
19670080136	F-1 bimonthly progress report, 1 February - 31 March 1967 /U/	1967
19670080140	F-1 engine acoustic absorber task /U/ Final report	1967
19670080142	The mechanics of ballistic impact - A survey Technical report, Jun. 1966 - Jul. 1967	1967
19670080143	Athena D-059, flight 084 /24 August 1967/ and Athena D-048, flight 085 /25 August 1967/ Meteorological data report	1967
19670080144	Transverse jet experiments and theories - A survey of the literature	1967
19670080145	The deposition of single crystal oxide films by evaporation and sputtering Final technical report, 15 Jan. 1966 - 28 Feb. 1967	1967
19670080146	Measurement of detonation velocity by an image converter tube, part II	1967
19670080147	Study of contact failures in integrated circuits Final report, 21 Feb. 1966 - 21 Feb. 1967	1967
19670080148	Structure of a methodology for environmental projections	1967
19670080149	Scattering by thin wires Interim technical report	1967
19670080150	Environmental tests of modified sled-borne digitizer	1967
19670080153	The application of the analog computer in operations research	1967
19670080154	High altitude base region thrust investigations on a Saturn S-IV 6-engine stage model using short-duration techniques	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080155	Experimental investigation of the effects of the pressure gradient and free-stream turbulence on the boundary layer of a flat rough plate	1967
19670080156	Quantitative analysis of the cryotrapping effect of argon on hydrogen at 4.2 deg K	1967
19670080157	Distribution of electron density in the statistical atomic model, expanded by the kinetic energy correction	1967
19670080158	Machining high purity alumina Final engineering report, 28 Jun. 1964 - 1 Mar. 1967	1967
19670080159	Interrelationships between satellite-observed cloud patterns, numerically analyzed baroclinicity and vertical motion	1967
19670080160	Double-base binder improvement Quarterly technical report, 1 Jun. - 31 Aug. 1967	1967
19670080161	In-flight simulation and pilot evaluation of selected landing approach handling qualities of a large logistics transport airplane Final report	1967
19670080162	Environmental tests of PCM commutators Technical report, 9 Sep. 1966 - 22 Mar. 1967	1967
19670080163	A computer-automated iterative method for neutron flux spectra determination by foil activation. Volume I - A study of the iterative method	1967
19670080164	Scattering matrix utilization study Final technical report	1967
19670080165	Evaluation of tungsten composites for hypersonic vehicles Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19670080166	Electro-optic techniques and phenomena Final report	1967
19670080167	Applied research in electronics warfare techniques Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670080168	Nike-Hydac STV SR-060 SRG-02 /15 September 1967/ Meteorological data report	1967
19670080169	Development of nose cone protective covering techniques Interim technical report 15 May - 15 Aug. 1967	1967
19670080170	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19670080171	Equivalent potential temperature as a measure of the structure of the tropical atmosphere Final report	1967
19670080172	Development and characterization of high temperature coatings for tantalum alloys Interim progress report, 1 Apr. - 30 Jun. 1967	1967
19670080173	A study of aerosol particle fractionation by continuous particle electrophoresis Progress report, 1 Jun. - 31 Aug. 1967	1967
19670080176	The solubility of calcium sulphate in sodium chloride and sea salt solutions	1967
19670080177	The construction and use of a test machine to measure dynamic loads on gear teeth	1967
19670080178	Mechanization of linear focal plane measurements in the Cordic computing algorithm	1967
19670080179	Validation of VALUE II, an aircraft simulation model. Volume I - Description of VALUE II Final report	1967
19670080180	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors Quarterly report, 29 Mar. - 29 Jun. 1967	1967
19670080181	New gas compression techniques Final report, Mar. 1964 - Feb. 1967	1967
19670080182	Root locus analysis with special partitioning	1967
19670080183	Packageable high-expansion-ratio nozzles for solid-propellant rocket motors. Volume II FINAL report, 5 Aug. 1966 - 30 Jul. 1967	1967
19670080184	A further study of radio telemetry interference effects in the exhaust plume of the Blue Streak satellite launching vehicle	1967
19670080185	Feasibility demonstration of a rocket engine ablation gauge. Task II Summary report, Sep. 1966 - Apr. 1967	1967
19670080186	Extended dynamic range process Final report, 14 Jun. 1966 - 14 Jun. 1967	1967
19670080187	Capture coefficients of nitrogen on a cryogenically cooled panel	1967
19670080188	Development of convex face draw die Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670080189	Effect of tungsten concentration and particle size on the burning rate of tungsten delay compositions	1967
19670080191	Nike-Apache Speedball II round no. 108, SN 52 /22 August 1967/ Meteorological data report	1967
19670080192	Circular polarization radome techniques Interim report, 1 May - 3 Sep. 1967	1967
19670080193	Compendium of visual displays	1967
19670080194	Shrouded propeller test program data. Volume II - Wind tunnel tests of shrouded propellers	1967
19670080195	Investigation of the infrared and Raman spectra of acrylonitrile, 3-butenonitrile, 4-cyano-1-butene, and 5-cyano-1-pentene Final report	1967
19670080196	Lance 06302 missile no. TP-39 /p21/, round no. 50 RML /13 September 1967/ Meteorological data report	1967
19670080197	Investigation of the viscoelastic properties of a water-saturated sediment	1967
19670080198	The axial fields of an oscillating disc and of an un baffled disc radiating from one face	1967
19670080199	Analysis of a pseudo-random network timing system for time-division multiple access communications Interim technical report	1967
19670080200	Three hundred deg C semiconductor for power devices	1967
19670080201	Signal processing test facility /preliminary design study/ Interim report	1967
19670080202	Interaction of parallel turbulent jets	1967
19670080203	Generation of acoustic waves in gallium arsenide by the Gunn effect	1967
19670080204	Integrated circuit and message switch Final report, Mar. 1966 - Jun. 1967	1967
19670080205	Extensions to theory of time series analysis Final report, 1 Aug. 1965 - 31 Jul. 1967	1967
19670080206	Program of research for selective aperture Q-spoiling of a laser with a birefringent scanning mechanism to achieve beam steering Final progress report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080208	Production of high-purity thermal control coatings Interim engineering progress report, 1 Jun. - 31 Aug. 1967	1967
19670080211	Investigation and demonstration of techniques for practical applications of redundancy for flight controls Final report, 1 Feb. 1966 - 28 Feb. 1967	1967
19670080212	Absolute M1 and E2 transition probabilities in 233U	1967
19670080213	A two-axis ultrasonic drilling and shaping machine	1967
19670080214	Nonisothermal wave propagation and instabilities in bulk semiconductors	1967
19670080215	Introduction to the shock spectrum design method for fire control components in armored vehicles Final report	1967
19670080216	Atmospheric optical measurements in central Colorado in connection with long range oblique photography	1967
19670080217	Ion implantation doping techniques Interim technical report, 1 May - 31 Aug. 1967	1967
19670080218	An investigation of compressible flows with large whirl components	1967
19670080219	Propeller design and analysis by lifting surface theory	1967
19670080220	Satellite observed cloud cover in southeast Asia Final report, 25 May 1966 - 24 May 1967	1967
19670080221	Feasibility of establishing acceptable vibration exposure criteria	1967
19670080222	Design requirements for reactor power systems for lunar exploration, volume I Final report	1967
19670080224	Assessment of fitness for prolonged physical exertion. Phase 1. Determination of oxygen intake/work rate relationship	1967
19670080225	Combustion characteristics of crystalline oxidizers Final report, 1 May 1965 - 30 Apr. 1967	1967
19670080226	Locating radioisotope heat sources by airborne infrared detection Technical report, Aug. - Dec. 1966	1967
19670080227	Device for cooling the electric motor of a hermetic compressor	1967
19670080229	Vibrational distributions in a disturbed atmosphere	1967
19670080230	Prandtl-Meyer Expansion in Axially Symmetrical Flow	1967
19670080231	Optimum demodulation of PM and FM signals	1967
19670080232	Real time digital phase shifters utilizing 4-port single-junction latching circulators Final report, 1 Feb. 1966 - 28 Feb. 1967	1967
19670080233	Integrated approach to research on and design methods for carbon composite materials Progress report, 1 Jan. - 31 Mar. 1967	1967
19670080234	Investigation of carbon filament reinforced plastics	1967
19670080235	RPC calculations for K-forbidden transitions in 183W. evidence for large inertial parameter connected with high-lying rotational bands	1967
19670080236	Fabrication of ultrathin solid electrolyte batteries Quarterly progress report, 1 Apr. - 1 Jul. 1967	1967
19670080237	Exploratory development to improve standard cutting tool material by infusion with metallic carbides, ceramic or diamond Interim progress report, Jun. - Aug. 1967	1967
19670080239	Development of a low-noise millimeter-wave parametric amplifier Final report, 1 Jul. 1963 - 14 Apr. 1967	1967
19670080240	Process development for titanium wheel forgings for F-111 aircraft Interim engineering progress report, 5 Feb. - 31 May 1967	1967
19670080241	Development on high temperature insulation materials. Part II. Deposition and properties of pyrolytic aluminum and silicon nitrides	1967
19670080242	Heat transfer in co-axial systems	1967
19670080245	Titanium panel extrusion development program Interim engineering progress report, 15 Nov. 1966 - 15 Feb. 1967	1967
19670080246	Preliminary investigations of metallized alkyds	1967
19670080247	Bibliography on reinforced plastics	1967
19670080248	Pulsed ion lasers Final technical report, 1 Sep. 1965 - 1 Sep. 1967	1967
19670080249	Research on materials essential to Cryocooler technology Technical report, Jul. 1966 - Jun. 1967	1967
19670080251	Squib switch development Summary report	1967
19670080252	Performance effects of deflation pockets installed on Air Force type C-9 personnel parachute canopies	1967
19670080253	Ultra high speed data modem Final technical report, May 1966 - Apr. 1967	1967
19670080254	Improved CVD boron filament production Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19670080255	Recent findings from measurements of the speed of light on the base line of the German Geodetic Research Institute, Munich	1967
19670080256	Research and development of an advanced composites technology base and component fabrication program for gas turbine compressor and fan blades Annual report, 1 Jul. 1966 - 30 Jun. 1967	1967
19670080257	Development of automatic flight control system for project 666A Final report	1967
19670080258	Aerobee NASA 4.187 CG /25 August 1967/ Meteorological data report	1967
19670080259	Translations on French nuclear, missile, space, and related military developments, no. 116	1967
19670080260	A visual display of certain speech parameters	1967
19670080261	Data recording and analysis in a coherent system of proton magnetometers	1967
19670080262	Traveling wave tube linearity Annual report	1967
19670080263	Explosively driven light gas guns	1967
19670080264	Production engineering measure to improve production techniques and increase the reliability of the SCL7004/21 and SCL7004/22 TRANSISTORS, section II Final engineering report, 1 Dec. 1965 - 30 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080265	Production engineering measure to improve production techniques and increase the reliability of the SCL4007/21 and SCL7004/22 TRANSISTORS Final engineering report, section 1, 1 Dec. 1965 - 30 Jun. 1967	1967
19670080266	Study of award fee contracting for support services Final report	1967
19670080267	A study of the geometry of elasto-hydrodynamic films in point contact Final summary report, 23 Feb. 1966 - 23 Feb. 1967	1967
19670080268	An analysis of the effect of atmospheric turbulence on image quality in periscope viewing	1967
19670080269	Development of extruding, drawing, and heat treating processes for thin steel extrusions Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670080270	CWEA-4 sonic engine analyzer with T53 engine capability Final report	1967
19670080271	Analysis of a dc operational amplifier in a nuclear radiation environment Final report	1967
19670080272	Radio astronomy Explorer structure Final report	1967
19670080273	A bibliography of radar reflection characteristics, volume VII	1967
19670080274	Study and design of molecularized general purpose conflex pattern-classifier Final technical report, 1 Jul. 1966 - 1 Sep. 1967	1967
19670080275	Infrared-to-visible conversion in luminescent crystals and diffused layers Interim annual progress report	1967
19670080277	Experimental verification studies of finite-state attitude controllers Monthly technical report	1967
19670080279	Boundary layer transition study group meeting, volume II - Section 9 through 15	1967
19670080280	Numerical solutions of compressible boundary layer stability	1967
19670080281	Supersonic boundary layer stability experiments	1967
19670080282	Improvements in compressible solutions of stability theory	1967
19670080283	A computer study of an analytical model of boundary layer transition	1967
19670080284	Stability theory as a guide to the evaluation of transition data	1967
19670080285	Compressible boundary layer stability by time-integration of the Navier-Stokes equations, and an extension of Emmons' transition theory to hypersonic flow	1967
19670080286	Boundary layer transition on cones and spheres at supersonic speeds - Effects of roughness and cooling	1967
19670080287	High resolution studies in the decay of Ba133 with semiconductor counters	1967
19670080288	An optimum interception law with bounded control in presence of noise	1967
19670080289	An experimental evaluation of the characteristics of PAM-NRZ/FM telemetry systems	1967
19670080290	Multicolor EL display development Final report, Oct. 1965 - Nov. 1966	1967
19670080291	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report no. 10, 1 Jun. - 31 Aug. 1967	1967
19670080292	F-4J airplane demonstration data report. Volume II - Structural	1967
19670080293	Structures for 300-watt, 400-MHz, VHF POWER transmission Interim technical report, 1 Apr. - 30 Jun. 1967	1967
19670080294	Defect structure of single-crystal titanium diboride Technical report, Oct. 1963 - Jun. 1967	1967
19670080295	X-22A tri-service V/STOL research aircraft Monthly progress report, 1-31 May 1967	1967
19670080296	Development of a manufacturing process for the electroslag melting and casting of materials Quarterly progress report, 16 Jun. - 15 Sep. 1967	1967
19670080297	Electrode migration and reaction processes occurring within alkaline-zinc batteries Quarterly technical progress report, 1 Jun. - 1 Sep. 1967	1967
19670080298	Integrated solid state time delay amplifier Interim technical report, 12 Mar. - 11 Jun. 1967	1967
19670080299	Research on satellite electrical power conversion systems and circuit protection Semiannual status report, 1 Feb. - 1 Aug. 1967	1967
19670080300	Composite solid propellant ignition mechanisms Scientific report, 1 Apr. 1966 - 31 Mar. 1967	1967
19670080301	Design, construction, and operation of a laboratory simulation of the reentry plasma	1967
19670080302	Temperature, salinity, and density of the world's seas - Bay of Bengal and Andaman Sea	1967
19670080304	The static lift performance of the Britten-Norman CC2-001 cushioncraft	1967
19670080305	Detonation, shock, and chemical reaction processes in explosive dissemination - Boundary stability and cavitation Special report	1967
19670080306	An analysis of the effect of camera motion on periscope viewing	1967
19670080307	A simplified statistical description of turbulent chemically reacting flows	1967
19670080308	Statistical data for OMEGA propagation Final report	1967
19670080309	Relationship between meteorological conditions and optical properties of the atmosphere Final report	1967
19670080310	International Conference on Psychological Research in Deep Diving	1967
19670080311	International Propulsion Symposium, 1967, the College of Aeronautics, Cranfield, England	1967
19670080312	Airborne measurements of ILS localiser performance	1967
19670080314	Research and development of spray chemical milling process for aluminum alloys Final report, Jun. 1965 - Aug. 1967	1967
19670080315	Phase I follow-on report, titanium S-IC SKIN section	1967
19670080316	Natural circulation with boiling	1967
19670080317	Development of improved cutting tool materials /carbide tool wear studies/ Interim report	1967
19670080318	Oriental order in FCC solid ortho-H ₂ - Effect of the spin-lattice coupling	1967
19670080319	Corrosion cracking of metallic materials	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080320	Microwave devices utilizing oriented cubic ferromagnetic materials Quarterly report, 15 Mar. - 14 Jun. 1967	1967
19670080321	Reliability studies for advanced integrated circuits Final report, 20 Feb. 1966 - 1 Jun. 1967	1967
19670080322	Theoretical study of magnetohydrodynamic wave propagation and experimental study of collisional effects on wave propagation Annual report, 24 Aug. 1966 - 23 Aug. 1967	1967
19670080323	Developmental trends in analog control elements	1967
19670080324	Determination of the electronegativity of the nitramine function by proton magnetic resonance spectroscopy	1967
19670080325	Engineering evaluation of modified MA-2 INTEGRATED torso harness Final report, 16 Nov. 1966 - 25 Apr. 1967	1967
19670080326	The influence of electrostatic effects on the dispersion of organic powders Semiannual report, 1 Jan. - 30 Jun. 1967	1967
19670080327	Beryllium - Review of recent developments	1967
19670080328	The development of methods for early identification of heart disease and related job stresses Progress report, 1 Sep. - 1 Nov. 1967	1967
19670080329	Lattice parameter and dimensional changes in graphite irradiated between 300 and 1350 deg C	1967
19670080330	Dielectric waveguides as plasma probes	1967
19670080331	The compressible boundary layer with pressure gradient, heat transfer and mass transfer and its low speed equivalent	1967
19670080332	The acoustic self-radiation impedence of a rigid oscillating disc near a similar stationary disc	1967
19670080333	High temperature hydrocarbon fuels research in an advanced aircraft fuel system simulator on fuel AFFB-8-67 First fuel series report, 3 Jan. - 3 May 1967	1967
19670080334	An evaluation of new upper stages for selected medium launch vehicles Final report	1967
19670080336	Minority carriers in CdS. II - Concentration and lifetime of majority and minority carriers	1967
19670080337	The dose distribution in a man-phantom from thermal neutrons	1967
19670080338	Fly-by-wire techniques Final report, 15 Mar. 1966 - 15 Feb. 1967	1967
19670080339	Structures for 300-watt, 400 MHz, VHF POWER transmission Interim technical report, 1 Jan. - 31 Mar. 1967	1967
19670080340	Equation of state of solids. II - Aluminum and Teflon Technical report, 6 May 1966 - 6 May 1967	1967
19670080341	A study of propeller aircraft vibration	1967
19670080342	Ultrasonic velocities and coupling at liquid/ solid interfaces	1967
19670080343	Evaluation of meteorological influences on electrooptical distance measurement	1967
19670080344	Radiometric qualitative and quantitative determination of potassium in the presence of ammonium	1967
19670080345	Measurement of RF ionization rates in high-temperature air	1967
19670080346	Gust design procedures based on power spectral techniques Final report, Jul. 1965 - Apr. 1967	1967
19670080347	Some properties of foam quartz glass	1967
19670080348	Modular nuclear vehicle study, phase II. VOLUME XI - Nuclear radiation environment	1967
19670080349	The critical tensile stress criterion for cleavage	1967
19670080351	SNAP-8 electrical generating system development program Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670080352	On the numerical solution of the gravimetric integral equation of Bjerhammar Final technical report, Apr. 1966 - Apr. 1967	1967
19670080353	System improvement using signal-to-noise ratio estimation Monthly technical report	1967
19670080354	Sorption properties of activated carbon Quarterly progress report, Mar. - Jun. 1967	1967
19670080355	Design and development of integrated semiconductor circuits utilizing field-effect devices Interim development report, 1 Apr. - 1 Jul. 1967	1967
19670080357	Hydrogen generation device Final report, 15 Aug. 1966 - 17 Jul. 1967	1967
19670080358	Optimization of many-variable functions, part I - Non-constrained variables	1967
19670080359	Observations on the effect of slope of earth walls on their stability when subjected to blast loading	1967
19670080361	Production Engineering Measure /PEM/ for silicon mixer diode Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670080362	J33-A-24/-24A engine avGas flight testing, Final report	1967
19670080363	A concept for Semi-Automated Technical Control /SATEC/ for communications facilities	1967
19670080364	Development and fabrication of miniaturized electronic image magnifier tube Final report, 1 Aug. 1965 - 1 Mar. 1967	1967
19670080365	Phased array module - Mark II Quarterly progress report, 2 Feb. - 2 May 1967	1967
19670080366	J52-P-6 engine component performance evaluation	1967
19670080367	Vaporisation of some rare earth-dicarbides	1967
19670080368	Compatible active thin-film integrated structures /phase IV/ Interim technical report, 1 Mar. - 30 Jun. 1967	1967
19670080369	Short Range Attack Missile /SRAM/ LABORATORY component test program of the A200D accelerometer Final report, 20 Mar. - 19 May 1967	1967
19670080370	The effect of elevated temperatures on the structure and physical properties of chemical conversion coatings on aluminum alloys Final report	1967
19670080371	Study to obtain design data for reentry ECM ANTENNA systems, volume I Quarterly technical report	1967
19670080372	Detection of randomly perturbed signals of unknown a priori probabilities Technical report, 1 May - 1 Nov. 1966 and 1 Jan. - 1 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080373	Research on exploratory development of nondestructive methods for crack detection	1967
19670080374	Reaction of diisonitrosoacetone with sulfonyl chlorides Quarterly report, Apr. - Jun. 1967	1967
19670080375	Landing gear and drag chute systems for the joint NASA/USAF XB-70A flight test program Summary test report, Oct. 1966 - Jan. 1967	1967
19670080376	Equilibrium radiation from isothermal hydrogen-helium slabs	1967
19670080377	Large-array signal and noise analysis. Detection of discrete arrivals in mantle P-wave noise	1967
19670080378	05802 Lance missile no. P-52, round no. 49 RBL /29 August 1967/ Meteorological data report	1967
19670080379	Contributions to structure theory of sequential machines	1967
19670080380	Materials for dust control of roads and airfields in the theater of operations Final report	1967
19670080382	Terminal forecast reference file	1967
19670080383	Nike-Hydac STV/SR-058/ Payload /SR G- 01/ /25 August 1967/ Meteorological data report	1967
19670080384	Packageable high expansion ratio nozzles for solid propellant rocket motors, volume I	1967
19670080385	Evaluation of tungsten composites for hypersonic vehicles Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670080386	Investigation of ultra high strength bulk glass Final report, Mar. 1966 - Mar. 1967	1967
19670080387	Thermal test of a model space vehicle. Part I - Description and thermal analysis of model	1967
19670080388	Research on uninhibited N2O4 Quarterly report, 1 Jun. - 31 Aug. 1967	1967
19670080389	Integral equations for inhomogeneous magnetoplasma waves	1967
19670080391	Current-surge effects and transient thermal impedance for CBE and hard-soldered type power thyristors Progress report	1967
19670080402	An experimental hot rocket model investigation of a plug cluster nozzle propulsion system. Part I - Base thermal and pressure environment for a module chamber pressure of 300 psia and simulated altitudes to 150,000 feet	1967
19670080403	Evaluation of two radio astronomy Explorer spacecraft apogee kick motors tested in the spin mode at simulated altitude conditions Final report, 24 - 31 Mar. 1967	1967
19670080404	A narrow beam, broad bandwidth optical communication system	1967
19670080406	Microwave valves, semiconductor devices, and transistors Quarterly report, Apr. - Jun. 1967	1967
19670080407	Electroluminescent airfield lighting system Final report	1967
19670080408	Wind tunnel investigation of the staging of the Titan III/M launch vehicle at Mach numbers 5, 5.5, and 6 Final technical report, 22 Mar. - 15 Apr., 1-16 May 1967	1967
19670080416	Non-destructive testing techniques for liquid propellants /U/ Final report, 9 May 1966 - 8 May 1967	1967
19670080419	Observations on the effect of radius of curvature of vertical earth walls on their stability when subjected to blast loading	1967
19670080420	Studies on shock wave pressure-time gauges. XVI - A variety of electrical problems	1967
19670080422	Investigation of hologram techniques Final report, 1 Aug. - 31 Oct. 1966	1967
19670080423	Frequency converter units for KU to KA BAND operation. Addendum Final development report	1967
19670080424	Spectroscopy and solid state quantum electronics at optical and infrared wave lengths Semiannual status report, 1 Apr. - 30 Sep. 1967	1967
19670080425	Two-fluoro-2,2-dinitroethanol - An improved procedure for its preparation from fluorotrinitromethane /U/	1967
19670080427	The chemical and mechanical stability of liquid propellant gels containing hydrazine /U/	1967
19670080428	LMH-1 stability studies /U/	1967
19670080429	LMH-1/hydrazine heterogeneous propellant /U/	1967
19670080430	Evaluation of the combustion of a light metal hydride gelled fuel with selected oxidizers /U/	1967
19670080431	Synthesis of LMH-2 /U/	1967
19670080432	Densification of LMH-2 /U/	1967
19670080440	Passive ultraviolet aerospaceborne surveillance techniques /U/	1967
19670080441	Advanced thrust chamber for space maneuvering propulsion /U/ Final report	1967
19670080442	Advanced thrust chamber for space maneuvering propulsion /U/	1967
19670080445	Research on crystal growth and characterization and high temperature and laser materials, January 1 - July 1, 1967	1967
19670080446	ACE-S/C ground station training plan	1967
19670080447	Study and development of a mathematical analysis for the performance assessment of space communication systems parameters Interim technical report	1967
19670080448	Study of the combined effects of space environmental parameters on space vehicle materials Monthly report, 1 - 31 May 1967	1967
19670080449	The theory of spectral line broadening by pressure	1967
19670080450	Addendum to final report "Evaluation of micrometeoroid penetration effects on heat shield performance	1967
19670080451	Research on improved epoxy resins Quarterly progress report, 1 May - 1 Aug. 1967	1967
19670080452	Translation on French nuclear, missile, space, and related military developments, no. 115	1967
19670080453	Microfilming industrial radiographs	1967
19670080454	A study of the effect of temperature and depth of discharge on the performance and cycle life of hermetically sealed nickel- cadmium cells	1967
19670080455	IBM sonar classification display installation and test support at Defense Research Laboratory, Austin, Texas Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080456	Performance characteristics of a damped mass expulsion attitude control system subjected to external disturbances and system errors	1967
19670080458	Microwave phase measurements on the active swept frequency interferometer radar system	1967
19670080460	Advanced logistics spacecraft system. Final oral briefing	1967
19670080465	F-1 bimonthly progress report /U/	1967
19670080466	F-1 bimonthly progress report /U/	1967
19670080467	J-2 program bimonthly progress report, January - February 1967 /U/	1967
19670080471	Ground Investigations of Flight Experiments on Primates in Long Duration Zero-G Quarterly Status Report, 1 Jun. - 31 Aug. 1967	1967
19670080472	Electronically tunable parametric upconverter Final report, Jun. 1965 - Apr. 1967	1967
19670080473	Some observations on the application of cooled-film anemometry to the study of the turbulent characteristics of hypersonic wakes	1967
19670080474	Study of Low-acceleration Space Transportation Systems. Volume I - Summary Report Final Report, Jul. 1964 - Oct. 1967	1967
19670080475	Research on the tolerance for spherical aberration	1967
19670080476	Circular arrays of Beverage antennas for high frequency direction finding Interim development report, 1 Jan. - 31 Mar. 1967	1967
19670080477	A photo-mosaic of western Peru from Gemini photography	1967
19670080478	Simulated shipboard studies of the environmental resistance of two encapsulated motor stators using polyester mat-film-mat derivative epoxy combinations	1967
19670080479	Cyclopropenylum salts and quinocyclopropenes	1967
19670080480	The sequential spark measurement of the radial velocity profiles of wake produced by hypersonic projectiles	1967
19670080481	Inelastic proton scattering with carbon	1967
19670080482	Theoretical study of the atomic and molecular gases and their reactions in the upper atmosphere Semiannual report, 1 May - 31 Oct. 1967	1967
19670080483	Tape stored IBM 360/75 digital computer programs for application of power-spectral gust-response analysis methods	1967
19670080484	Remarks on "proton scattering" in carbon	1967
19670080485	State equations of carbon monoxide and dioxide	1967
19670080486	Flight test of a one man flying vehicle. Volume II - Mission application studies Final report	1967
19670080487	Flight test of a one man flying vehicle. Volume I - Flight test program Final report, Jan. - Jul. 1967	1967
19670080488	Propellants and combustion Surveys of foreign scientific and technical literature	1967
19670080489	Specified LSSM supplemental studies Condensed summary report	1967
19670080490	Hydrogen slush mass/density flowmeter Quarterly progress report, Jul. - Sep. 1967	1967
19670080491	Oxidizer encapsulation /U/ Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19670080492	Advanced engine aerospike experimental program /U/ Monthly status report, Jul. 1967	1967
19670080494	Heat of formation of sap by rotating bomb calorimetry /U/	1967
19670080495	Recent heat of formation measurements at the Dow Thermal Research Laboratory /U/	1967
19670080497	Dual field seeker /U/ Final report	1967
19670080498	Test flight no. 3, flight analysis /U/	1967
19670080501	Applications technology satellite Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19670080510	Reentry Vehicle Technology and Observables, /RVTO/ phase 1A program /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19670080512	Chamber technology for space storable propellants /U/ Interim report, 25 Apr. 1966 - 24 Apr. 1967	1967
19670080513	Study of Fluid-Controlled Solid Propellant Rocket Motors Restartable Solid, Variable Pulse /RSVP/ Motor /U/ Final Report	1967
19670080514	F-1 /U/ Bimonthly progress report, 1 Jun. 31 Jul. 1967	1967
19670080516	Status report on ARES /Advanced Rocket Engine-Storable/ /U/	1967
19670080517	Results of the first phase of an aerospike engine test program /U/	1967
19670080518	Full-scale component testing for a high performance oxygen hydrogen rocket engine /U/	1967
19670080519	Development of the monopropellant hydrazine propulsion system for Intelsat III	1967
19670080520	Evaluation of a throttling and mixture ratio control system for a liquid fluorine-liquid hydrogen rocket engine /U/	1967
19670080521	System analysis of gelled, space-storable propellants /U/	1967
19670080522	Leakage detection by temperature sensing /U/	1967
19670080523	Gun launched liquid rocket system /U/	1967
19670080524	Advanced liquid post-boost propulsion systems technology /U/	1967
19670080525	Liquid controlled motors for post boost control applications /U/	1967
19670080526	The design of a hybrid rocket propulsion system /U/	1967
19670080527	Evaluation of hybrid propulsion for tactical Naval weapons applications /U/	1967
19670080528	Characteristics of seven liquid post boost propulsion systems /U/	1967
19670080529	Verification of a new oxidizer /U/	1967
19670080531	Research and development investigations of high performance heterogeneous fuels for tactical weapons /U/	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080532	LMH-1/hydrazine heterogeneous propellant /U/	1967
19670080533	Design criteria for space storable propellants /U/	1967
19670080534	Experimental and analytical investigation of chemical nonequilibrium losses in fluorine- hydrogen rocket engines /U/	1967
19670080536	Effects of liquid engine parameters on two-phase flow performance losses /U/	1967
19670080537	Flow separation in overexpanded supersonic nozzles /U/	1967
19670080538	Radar reflectivity of turbulent rocket exhaust plumes /U/	1967
19670080539	Free standing pyrolytic graphite thrust chambers /U/	1967
19670080540	Comparative evaluations of various ablatives, composites and high temperature materials for use with fluorinated oxidizer propellants /U/	1967
19670080541	Experimental heat transfer rates in advanced oxygen/hydrogen toroidal thrust chambers /U/	1967
19670080542	Film cooling of precision control rocket engines /U/	1967
19670080543	Heat transfer characteristics of MHF-5 and MMH /U/	1967
19670080544	Life prediction for tubular thrust chambers /U/	1967
19670080545	Thrust chamber materials and design concepts evaluation /U/	1967
19670080547	The current state of impinging-sheet injector technology /U/	1967
19670080548	Combustion stability of metallized gelled propellants	1967
19670080549	Study of droplet effect on steady-state rocket combustion	1967
19670080551	Radial flow injector for metallized gelled propellants /U/	1967
19670080552	Chamber technology for space storable propellants-injector throttling	1967
19670080555	Evaluation of wear ring seals for high-speed, high-pressure turbopumps	1967
19670080556	Zero NPSF pumping tests with an operational hydrogen turbopump	1967
19670080557	Materials and propellant compatibility in sterilization environment	1967
19670080558	The status of monopropellant hydrazine technology	1967
19670080559	Integrated monopropellant gas generators /U/	1967
19670080560	Liquid rocket pressurizing gas/propellant reactivity study	1967
19670080561	Design of a catalytically ignited, stored-gas pressurization system /U/	1967
19670080562	Interface heat and mass transfer effects on cryogenic tank pressurization	1967
19670080563	F2-H gas generator development for advanced pressurization systems	1967
19670080565	The application and implementation of a system safety engineering analysis	1967
19670080567	Reactions and expansion of bulk quantities of hypergolic propellants in a vacuum	1967
19670080568	Apparatus for impact testing in fluorinating agents	1967
19670080569	Explosion sensitivity of liquid explosives and monopropellants /U/	1967
19670080570	Hydride crystallization /U/ Interim engineering progress report number 2, 1 May - 31 Jul. 1967	1967
19670080571	Army tactical airspace regulation system studies /U/ Final report, 15 Apr. 1966 - 31 Mar. 1967	1967
19670080573	A photoelastic analysis of the stress concentration in the HiBEX grain configuration /U/	1967
19670080574	Wind tunnel force tests of several Lance /XRL/ missile configurations at supersonic Mach numbers /U/	1967
19670080575	Magnetic SEC vidicon/magnetic intensifier television camera /U/ Final technical report	1967
19670080576	New oxidants and mechanisms of oxidation /U/ First phase report, Jun. - Sep. 1966	1967
19670080577	Engineering property data on rocket propellants /U/ Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19670080578	Precision radar investigation /U/ Final report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670080579	An investigation of composite metal-glass fibers /U/ Final technical report, Apr. 10, 1966 - May 9, 1967	1967
19670080580	High density, high temperature binders for solid propellants /U/ Final report, 1 Oct. 1965 - 31 Mar. 1967	1967
19670080581	Advanced tactical radar /ATR/ /U/ Summary technical report, Jun. 1966 - Jun. 1967	1967
19670080582	REST. Volume I - Summary /U/ Semiannual progress report, 1 Jul. - 31 Dec. 1966	1967
19670080583	REST. Volume III - Materials qualification and parts fabrication /R6300 HP and R6400 HP/ /U/ Semiannual progress report, 1 Jul. - 31 Dec. 1966	1967
19670080584	REST. Volume IV - Material and process specifications /R6300 HP and R6400 HP/ /U/ Semiannual progress report, 1 Jul. - 31 Dec. 1966	1967
19670080590	Advanced solid and monoliquid gas generators /U/ Quarterly report, 27 Jun. - 26 Sep. 1967	1967
19670080591	Fluorocarbon binder /U/ Quarterly technical report, 13 May - 12 Aug. 1967	1967
19670080595	Hypervelocity Range Program /HYRAP III/ /U/ Semiannual technical progress report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670080603	Lunar TV Camera, Volume 2 /U/ Final Report, Oct. 1964 - May 1967	1967
19670080604	Lunar TV camera, volume 3 /U/ Final report	1967
19670080610	Analytical and experimental investigation of air-augmented rockets to determine thrust minus drag, volume I /U/ Summary technical report, 26 Jun. 1965 - 14 Apr. 1967	1967
19670080611	Analytical and experimental investigation of air-augmented rockets to determine thrust minus drag. Volume II - Propulsion model and experimental investigation, part 1 /U/ Technical report, 24 Jun. 1965 - 14 Apr. 1967	1967
19670080612	Analytical and experimental investigation of air-augmented rockets to determine thrust minus drag. Volume II - Propulsion model and experimental investigation, part 2 /U/ Technical report, 26 Jun. 1965 - 14 Apr. 1967	1967
19670080615	Analytical and experimental investigation of air-augmented rockets to determine thrust minus drag. Volume IV - Appendixes, part 2 /U/ Technical report, 26 Jun. 1965 - 14 Apr. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670080616	Investigation of noise and attenuation characteristics of high-performance solid propellants /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19670080617	High temperature synthesis /U/ Quarterly report, 15 May - 1 Aug. 1967	1967
19670080618	Applied LMH combustion /U/ Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19670081458	Electromagnetic Investigations of Planetary and Solar Atmospheres and the Lunar Surface Program Semiannual Report, 1 May - 31 Oct. 1966	1967
19670081763	Study of Shape and Internal Structure of Moon, Utilizing Lunar Orbiter Data Quarterly Progress Report	1967
19670081773	Development of Computer Technology for Medical Data Analysis to Be Applied in Project Apollo and Follow-on Space Missions Quarterly Report	1967
19670082018	Plasma Physics in Planetary and Solar Environments Semiannual Progress Report, 1 Aug. 1965 - 31 Jan. 1966	1967
19670082096	Budget execution and review at the goddard space flight center	1967
19670082459	Human research and performance, life support, and advanced concepts	1967
19670082659	Program of research in theoretical and experimental geology and geophysics in areas of direct interest to the nasa space science program semiannual activities report	1967
19670083010	Investigation of noise generating mechanisms of deflected and undeflected supersonic rocket exhausts final summary report	1967
19670083011	Study of rectangular guide-like structures for millimeter wave transmission semiannual progress report, jul. 1 - dec. 31, 1966	1967
19670083014	Solid-state millimeter-wave power generation and amplification semiannual status report, sep. 1, 1966 - feb. 28, 1967	1967
19670083053	A study toward development of an automated microbial metabolism laboratory monthly progress report no. 3	1967
19670083054	Aerodynamic noise research support summary report, oct. 1965 - dec. 1966	1967
19670083078	Semiannual status report, march 1, 1967	1967
19670083238	Investigations in space-related biology. including molecular evolution and relevant aspects of extra-terrestrial environment semiannual report, 1 oct. 1966 - 31 mar. 1967	1967
19670083239	Investigation of non-linear problems and mathematical methods in aeroelasticity semiannual progress report, 1 oct. 1966 - 1 apr. 1967	1967
19670083268	Scientific achievements in space	1967
19670083359	Study of techniques for organic geochemical analysis of lunar sample material semiannual report, 1 may - 31 dec. 1966	1967
19670083815	Conduct d-region investigation with ionospheric experiments on nike-cajun rocket coordinated with a gsfc aerobee payload instrumented for micrometeorite m quarterly progress report, 27 dec. - 27 mar. 1967	1967
19670083897	Investigation of systems and techniques for multicomponent microforce measurements on wind tunnel models semiannual status report, 30 jun. - 31 dec. 1966	1967
19670083948	Quasi-Stellar Objects	1967
19670084025	Plasma kinetic theory semiannual report	1967
19670084026	Structure and function of proteins and nucleic acid semiannual progress report, 1 jul.-31 dec. 1966	1967
19670084029	Planned synergism final report, 1 feb. 1966 - 31 mar. 1967	1967
19670084031	Evaluation of potential users of nasa generated natural resources information progress report	1967
19670084081	Hydroplaning of aircraft tires quarterly progress report, 1 jan. - 1 apr. 1967	1967
19670084099	Ogo-i quarterly status report, 1 jan. - 31 mar. 1967	1967
19670084113	A comparative study of the evolution of enzymes and nucleic acids progress report, 1 nov. 1966 - 30 apr. 1967	1967
19670084162	The resistivity of microorganisms to thermal inactivation by dry heat progress report	1967
19670084167	Theoretical and experimental investigation of a three-dimensional magnetic-suspension balance for dynamic-stability research in wind tunnels status report, 1 mar. 1966 - 1 mar. 1967	1967
19670084179	Acceptance test and design analysis final report	1967
19670084180	Cryogenic research and development progress report, 1 jan. - 31 mar. 1967	1967
19670084254	Buckling of circular cylindrical shells in axial compression semiannual status report, 26 jul. - 25 jun. 1967	1967
19670084278	Adaptive Telemetry Systems Status Report	1967
19670084322	Vacuum u-v photolysis of carbon dioxide progress report, 1 sep. 1966 - 28 feb. 1967	1967
19670084337	Procurement and Development Program for Nickel-cadmium Cell to Specification S-615-p-2 Technical Status Report, 11 Dec. 1966 - 31 Mar. 1967	1967
19670084422	Design, development and delivery of 75 va integrated inverter monthly report, jan. 1967	1967
19670084491	Clear-air turbulence and methods of detection semiannual report, 1 oct. 1966 - 31 mar. 1967	1967
19670084492	Study of Growth in Recent and Fossil Invertebrate Exoskeletons and Its Relationship to Tidal Cycles in the Earth-moon System Semiannual Report, 1 Oct. 1966 - 31 Mar. 1967	1967
19670084522	Infrared laboratory studies of synthetic planetary atmosphere semiannual status report, 1 dec. 1966 - 31 may 1967	1967
19670084532	Space cell test program monthly progress report, period ending 28 feb. 1967	1967
19670084535	Spectroscopic study of solar and planetary atmospheres Semiannual status report, aug. 1, 1966 - feb. 1, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670084563	Planetary position - velocity ephemerides, 1965-2000. volume iii, part 2 - lunar data - geocentric equatorial system	1967
19670084564	Planetary position - velocity ephemerides, 1965-2000. volume ii - heliocentric ecliptic system	1967
19670084565	Planetary position - velocity ephemerides, 1965-2000. volume iii, part i. geocentric equatorial system	1967
19670084614	Factor analysis and chemical properties	1967
19670084615	Theoretical study of the atomic and molecular gases and their reactions in the upper atmosphere technical report, 1 nov. 1966 - 30 apr. 1967	1967
19670084617	Computational methods and implementation techniques for problems related to navigation, guidance, and control semiannual report, 1 oct. 1966 - 1 mar. 1967	1967
19670084620	Reflection spectra as a basis for studying extraterrestrial life semiannual report, 1 oct. 1966 - 31 mar. 1967	1967
19670084674	Planetary position - velocity ephemerides, 1965-2000. volume 1 - heliocentric equatorial system	1967
19670084704	Letter status progress report of work for the period 1 december 1966 to 28 february 1967	1967
19670084705	Performance measurement of nonverbal mediation semiannual status report, 1 oct. 1966 - 31 mar. 1967	1967
19670084708	Investigation of meteorological measurement techniques up to 100 kilometers status report 1 oct. 1966 - 31 mar. 1967	1967
19670084739	Effect of Chronic Restraint on Absorption from the Gastrointestinal Tract Progress Report, 1 Jun. - 30 Nov. 1966	1967
19670084766	Cell test program monthly progress report for period ending 28 feb. 1967	1967
19670084769	Stellar accretion and x-ray emission	1967
19670084790	Creep of commercially pure aluminum in the low strain region under slightly varying stresses	1967
19670084795	Chemistry of planetary atmospheres and comets technical status report, no. 9, 31 aug. 1966 - 28 feb. 1967	1967
19670084886	Low-power, low-speed data storage and processing techniques progress report, 1 sep. 1966 - 1 mar. 1967	1967
19670084894	Radiation damage to semiconductors by high energy electrons progress report, 15 oct. 1966 - 15 apr. 1967	1967
19670084988	Design, development and delivery of 75va integrated static inverter monthly progress report, feb. 1967	1967
19670085109	Detection techniques for tenuous planetary atmospheres semi-annual report, 1 jan. - 30 jun. 1967	1967
19670085336	Semi-annual report, 1 january - 31 may 1967	1967
19670085337	Flow of single and two phase fluids in lines semi-annual report, 1 jul. 1967	1967
19670085356	Annual Report on Nasa Grant, 1 March 1966 - 28 February 1967	1967
19670085383	A study of thin film vacuum deposited junctions semiannual status report, 5 dec. 1966 - 5 jun. 1967	1967
19670085396	Semiannual status report december 15, 1966, to june 15, 1967	1967
19670085397	Semiannual progress report	1967
19670085398	Aerospace systems and mission analysis research status report, 1 jan. - 31 mar. 1967	1967
19670085406	Research at the stanford center for radar astronomy semiannual status report, 1 jan. - 30 jun. 1967	1967
19670085409	Semiannual Progress Report, January 1967 to June 1967	1967
19670085419	Theoretical and experimental studies of antennas for reflectometer application semiannual status report, 1 dec. 1966 - 31 may 1967	1967
19670085459	Combined interpolation scheme for transition and noble metals	1967
19670085553	Extension of usefulness of cytogenetic methodology as a research technique quarterly report, 1 jan. - 31 mar. 1967	1967
19670085682	Energy dissipation characteristics in tissue for ionizing radiation in space progress report, 1 mar. - 31 may 1967	1967
19670085686	Basic research in semiconductor detector dosimeter characteristics, as applied to the problems of whole body dosimetry annual report	1967
19670085687	Relationships between r and d contracts and production contracts	1967
19670085688	Reduction of astronauts clinical medical history data for use on computers quarterly report, 1 apr. - 30 jun. 1967	1967
19670085696	Study of body energy conservation, emphasizing space flight environmental effects on organisms progress report, 1 dec. 1966 - 31 mar. 1967	1967
19670085697	Medical applications of aerospace science and technology monthly progress report, may 1967	1967
19670085698	Synthesis of linear, double chain, ladder polymers from substituted tetraphosphonitriles monthly progress report, 1 - 30 apr. 1967	1967
19670085702	Chemical origin of the venusian clouds interim report, 1 feb. - 31 may 1967	1967
19670085708	A pilot program for investigation of various techniques to enhance the utilization of new knowledge related to or stemming from aerospace research and technology quarterly report, period ending jun. 30, 1967	1967
19670085713	Studies of the co2 laser final report, 1 apr. 1966 - 30 jun. 1967	1967
19670085719	Synthesis of Elastomers for Use with Liquid Fluorine Quarterly Letter Report No 2, Period Ending 15 Mar. 1967	1967
19670085741	Radiation effects considerations on materials in cryogenic systems of nuclear rockets	1967
19670085763	Unmanned lunar and planetary exploration	1967
19670085764	A program to accelerate the industrial application of aerospace related technology quarterly status report, 1 apr. - 30 jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670085765	Theoretical and experimental research program in physics of planetary atmospheres semiannual report, 1 jan. - 30 jun. 1967	1967
19670085771	Development of a chemiluminescent ozone drop-sonde final report supplement	1967
19670085837	Computer analysis of gamma-ray spectra	1967
19670085839	Theoretical investigation of radiation damage and transport properties of solar cells status report, 1 aug. 1966 - 31 jan. 1967	1967
19670085842	Cryogenic research and development progress report, period ending 30 jun. 1967	1967
19670085912	Status report for the period october 1, 1966 through may 31, 1967	1967
19670085935	High altitude radiation measurements quarterly progress report, 1 oct. - 31 dec. 1966	1967
19670085936	High altitude radiation measurements quarterly progress report, 1 jul. - 31 sep. 1966	1967
19670085951	Optimum Hypersonic Lifting Wings Final Report, 1 Jan. 1966 - 30 Jun. 1967	1967
19670086073	Feasibility Studies of Coordinated Radiation Experiments from Meteorological Satellites Semiannual Report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670086076	Studies in planetology, including the collection and interpretation of planetary information status report no. 8, 1 jan. - 30 jun. 1967	1967
19670086079	An airborne evaluating equipment study quarterly progress report, 9 feb. - 8 may	1967
19670086095	D-region investigation with ionospheric experiments on nike-cajun rocket coordinated with a gfscc aerobee payload instrumented for micrometeorite quarterly report, 28 mar. - 27 jun. 1967	1967
19670086098	A feasibility investigation of expandable structures module for orbital experiment - artificial g summary report, 20 sep. 1966 - 19 mar. 1967	1967
19670086105	X-ray astronomy semiannual report, 1 feb. - 31 jul. 1967	1967
19670086147	(Investigation of Spacecraft Rotational Dynamics and Control) Progress Report, 1 Nov. 1966 - 30 Apr. 1967	1967
19670086179	A study of brain function through advanced computer techniques for analysis of electroencephalographic data semiannual report, 1 jan. - 30 jun. 1967	1967
19670086450	Planetary vehicle thermal insulation systems monthly progress report, 3 apr. - 7 may 1967	1967
19670086479	Adhesion between atomically pure surfaces,	1967
19670086487	Fatigue behavior of rocket engine materials to -452 deg f /4 deg k/	1967
19670086513	Optical Satellite-tracking Program Semi- Annual Progress Report, 1 Jan. - 30 Jun., 1967	1967
19670086516	Structure and function of proteins and nucleic acid semiannual progress report, 1 jan. - 30 jun. 1967	1967
19670086518	Study of ground-based and space vehicle infra- red instrumentation for thermal photography of the moon, including experimental programs at selected observatories semiannual status report, 1 jan. - 30 jun. 1967	1967
19670086536	Solar Electric Space Mission Analysis Progress Report, 1 Apr. - 30 Jun. 1967.	1967
19670086575	Heat pipe thermionic converter development quarterly report, 1 may - 17 jul. 1967	1967
19670086588	Status report, 1 december 1966 - 28 february 1967	1967
19670086589	Study of assessment of community health factors near major aerospace installations progress report, 1 jan. - 30 jul. 1967	1967
19670086590	Designer's Checklist, Hydrazine Monopropellant Rockets and Gas Generators	1967
19670086595	Operation of an mhd power generator semiannual report, 1 dec. 1966 - 1 jun. 1967	1967
19670086598	Metritzation of normal moore spaces final report	1967
19670086644	Development and fabrication of a 150-800 mhz 1kw cw power source /eimac model no. ets4800/ third quarterly progress report, jan. 1 - may 19, 1967	1967
19670086714	Lie series for celestial mechanics, accelerators, satellite stabilization and optimization final report 1 aug. 1966 - 30 jun. 1967	1967
19670086724	Space physiology final report	1967
19670086725	A spectroscopic search for water vapor in the atmosphere of venus final report, 1 jun. 1966 - 31 jul. 1967	1967
19670086740	Development of the Atmosphere of Venus	1967
19670086779	Aerospace Systems and Mission Analysis Research Status Report, 1 Apr. - 30 Jun. 1967	1967
19670087008	Systematic effects due to noise in interplanetary scintillation analysis internal report no. 5	1967
19670087012	Estimation of stoke's parameters from yale polarimeter data internal report no. 4	1967
19670087138	High altitude radiation measurements quarterly report, 1 jan. - 31 mar. 1967	1967
19670087224	Semiannual progress report	1967
19670087240	Chemical reactivity of hydrogen, nitrogen and oxygen atoms at temperatures below 100 deg k semiannual report, 1 jan. - 30 jun. 1967	1967
19670087241	Helicopter noise status report, 1 dec. 1966 - 30 jun. 1967	1967
19670087242	The biochemistry and biophysics of stress of connective tissue	1967
19670087248	Shock tunnel investigations of turbulent flow at high mach numbers quarterly progress report, 1 jul. - 30 sep. 1967	1967
19670087293	Radiation effects on liquid propellants	1967
19670087316	Creep behavior of metals in low-strain region under slightly varying stresses final status report, 1 oct. 1966 - 30 jun. 1967	1967
19670087318	Semiannual status report	1967
19670087320	Quarterly status report, 1 april - 30 june 1967	1967
19670087321	Final status report, 1 december 1966 - 31 may 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670087469	Theoretical and experimental investigations of antennas and waves in plasma semiannual status report, 1 mar. - 1 sep. 1967	1967
19670087550	Status report, january 15 - july 15, 1967	1967
19670087554	Astrometric and astrophysical investigations of comets, minor planets, and satellites semiannual status report, 1 feb. - 31 jul. 1967	1967
19670087580	Status report no. 11, february 1, 1967 - july 31 1967	1967
19670087589	Shake table tests of a spiral-grooved journal bearing	1967
19670088432	Aircraft fire hazards related to natural electrical phenomena second project report, period ending 31 dec. 1966	1967
19670088561	Experimental and Theoretical Study of Cavitating Hydrofoils in Cascade Semiannual Progress Report	1967
19670088569	Investigation of flight hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 22 nov. - 22 dec. 1966	1967
19670088613	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations quarterly progress report, 5 oct. 1966 - 5 jan. 1967	1967
19670088621	Monthly technical progress report for december 1966	1967
19670088642	Cyclic flaw growth in 2014-t62 aluminum and 6al-4v /eli/ titanium quarterly progress report, 1 oct. - 31 dec. 1966	1967
19670088645	Isis program technical status report	1967
19670088647	Geographic Applications Program Monthly Progress Report, Dec. 1966	1967
19670088648	Geologic Applications Program Monthly Status Report, Dec. 1966	1967
19670088649	Cartographic investigations and panoramic camera investigations monthly progress report, dec. 1966	1967
19670088658	Voyager project progress report	1967
19670088668	Tracks of heavy ions in emulsion	1967
19670088693	Experimental Formulation of Liquid b Compounds	1967
19670088695	Chamber Technology for Space Storable Propellants Monthly Progress Report, Period Ending 25 Dec. 1966	1967
19670088696	Advanced Engine Design Study, Aerospike Monthly Report, Dec. 1966	1967
19670088771	Synthesis of Porphine-like Substances from Simple Precursors Status Report No. 10, 1 Jun. - 30 Nov. 1966	1967
19670088772	Solar Flare Particle Events Semiannual Progress Report, 1 May - 31 Oct. 1966	1967
19670088805	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles monthly progress report, 10 dec. 1966 - 9 jan. 1967	1967
19670088818	Design guide for pressurized gas systems quarterly report, 1 oct. - 31 dec. 1966	1967
19670088819	An electrophydrodynamic vapor absorption refrigerator for weight less environments monthly progress report, 7 dec. 1966 - 7 jan. 1967	1967
19670088847	Spacecraft rocket engine chamber insulation materials monthly progress report, period ending 31 dec. 1966	1967
19670088923	Determining the Feasibility and Economic Impact of V/stol Aircraft for the Appalachian Region Progress Report	1967
19670088941	Process and Analyze Space Radiation Data Obtained with Apl Radiation Detectors Aboard Various Satellites Including Injun Iii and 1963-38c Quarterly Report, 1 Oct. - 31 Dec. 1966	1967
19670088943	Investigation of the ignition and combustion of metal wires progress report, 16 dec. 1966 - 15 jan. 1967	1967
19670088944	Investigation of advanced thrust chamber designs monthly progress report, 6 dec. 1966 - 6 jan. 1967	1967
19670088945	Ignition of solid rocket propellant surfaces quarterly progress report, 7 oct. 1966 - 6 jan. 1967	1967
19670088960	Theoretical and Experimental Investigations of High Energy Solar Flare Radiation and of Trapped Radiation, Including Balloon-bore And/or Sounding Rocket Tests of Prototype Detectors Semiannual Status Report, 1 Aug. 1966 - 31 Jan. 1967	1967
19670088981	Delta-44, intelsat ii f-22 flash flight report	1967
19670088989	Voyager project progress report, 16 dec. 1966 - 15 jan. 1967	1967
19670088998	The study of detonation phenomena and its possible relation to rocket motor combustion instability status report no. 12, 1 nov. 1966 - 31 jan. 1967	1967
19670089040	A study of the adhesion and cohesion of metals	1967
19670089041	Investigation of discharge pressure oscillations in high pressure pumps informal quarterly progress letter no. 3, 28 sep. - 31 dec. 1966	1967
19670089048	Apollo auxiliary ground support equipment manual	1967
19670089182	Agc simulator checkout, maintenance and repair manual	1967
19670089284	Ascent Stage And/or Mated Hts W/g Draining Procedure	1967
19670089287	Waste Management Section - External Leakage Test	1967
19670089288	Ascent Stage Substitute Propellant Cold Flow Test	1967
19670089292	D/s Propulsion Subsystem, Proof Pressure, Fluid Leak and She. Tank Heat Leak Tests	1967
19670089296	Guidance system operations plan, as-206. volume i - operations	1967
19670089301	Project Apollo - A/s - Internal Component Leak Test	1967
19670089332	Low pressure descent engine interface leakage test	1967
19670089359	Descent stage eps functional test	1967
19670089367	Developmental flight instrumentation c-band transponder functional verification	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089368	Landing radar performance verification	1967
19670089372	Oxygen cabin pressure section functional test	1967
19670089377	Guidance and navigation subsystem functional verification	1967
19670089378	D/s substitute propellant cold flow test	1967
19670089395	D/s engine functional and gaseous blowdown check	1967
19670089403	Rcs propellant feed section proof leakage and functional tests	1967
19670089405	Descent stage eps power distribution verification	1967
19670089419	S-band steerable antenna functional verification	1967
19670089420	Dfi c-band transponder functional verification	1967
19670089433	D/s propulsion system verification	1967
19670089435	Ages functional test	1967
19670089436	A/s engine interface leak check	1967
19670089438	Ascent stage electrical power functional test	1967
19670089442	No title quarterly progress report, 1 oct. - 31 dec. 1966	1967
19670089444	Landing radar performance verification	1967
19670089451	D/s internal component leak checks	1967
19670089456	Rendezvous radar performance verification	1967
19670089457	Ascent stage electrical power functional test	1967
19670089458	Rcs liquid flush	1967
19670089459	Dfi functional verification /ascent/descent/	1967
19670089460	A/s fluid system test harness electrical check	1967
19670089472	Pulse code modulation and timing electronics assembly turn-on and verification	1967
19670089477	Rendezvous radar performance verification	1967
19670089478	Guidance and navigation parameter verification test	1967
19670089493	Dfi functional verification /lm3 ascent stage/	1967
19670089494	Ascent stage and/or mated hts w/g draining procedure	1967
19670089495	Ascent stage propellant feed section dry and sample	1967
19670089496	Ascent stage propulsion subsystem dry leak check	1967
19670089510	A/s engine interface leakage check	1967
19670089511	Lighting functional test	1967
19670089535	Ascent engine functional and gaseous blowdown check	1967
19670089536	Descent stage propellant feed section, dry and sample	1967
19670089537	D/s engine functional and gaseous blowdown check	1967
19670089538	Guidance and navigation verification test and operational check	1967
19670089539	A/s propulsion system verification	1967
19670089546	Feat/emc mission oriented /plugs out/, volume ii	1967
19670089547	Feat/emc system oriented /plugs in/, volume ii	1967
19670089549	Communications subsystem functional verification, volume i	1967
19670089550	Control electronics section functional check	1967
19670089551	Developmental flight instrumentation power verification	1967
19670089552	Mass transfer in hypersonic flows semiannual progress report, 1 aug. 1966 - 31 jan. 1967	1967
19670089554	Improved ablative materials monthly report, dec. 1-31, 1966	1967
19670089556	Glass-fiber-reinforced metallic tanks for cryogenic service monthly progress report, 16 dec. 1966 - 15 jan. 1967	1967
19670089557	Quarterly status report, 1 nov. 1966 - 31 jan. 1967	1967
19670089558	Lightweight multi-layer insulation system monthly progress report, dec. 1-31, 1966	1967
19670089559	Liquid propellant thermal conditioning system monthly progress report, 30 nov. - 31 dec. 1966	1967
19670089561	Cartographic investigations and panoramic camera investigations for january, 1967 monthly progress report	1967
19670089563	Third progress report, 1 september 1966 - 1 march 1967	1967
19670089602	Ascent stage eps power distribution verification	1967
19670089603	Measurement identification test, 5-ih-iu-502/15a-201	1967
19670089645	The pest phenomenon in intermetallics quarterly report	1967
19670089652	Study of fluid-controlled solid propellant rocket motors restartable solid, variable pulse /rsvp/ motor monthly status report, 1-31 dec. 1966	1967
19670089654	The development and application of mass spectrometers to studies of the earth's upper atmosphere and planetary atmospheres status report, 1 jul. - 31 dec. 1966	1967
19670089683	Main tank injection pressurization monthly report, 1 - 31 jan. 1967	1967
19670089688	Investigation of smooth-bonded metal liners for glass fiber filament-wound pressure vessels quarterly progress report, 1 oct. - 31 dec. 1966	1967
19670089691	Investigation of near critical and supercritical burning of fuel droplets quarterly progress report, 1 dec. 1966 - 28 feb. 1967	1967
19670089695	A study of the suppression of combustion oscillations with mechanical damping devices monthly status report, 15 dec. 1966 - 15 jan. 1967	1967
19670089761	A/s - weight and center of gravity check	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670089762	Integrated Im mission programmer functional test	1967
19670089764	Waste management section - external leakage test	1967
19670089765	Mated Im - weight and center of gravity check	1967
19670089768	S-band steerable antenna functional verification	1967
19670089769	Rcs prop feed sect proof leak and functional test	1967
19670089770	Integrated Im guidance computer/rendezvous radar	1967
19670089771	Control electronics section functional check	1967
19670089797	Ags functional test	1967
19670089806	A/s liquid level indicator and d/s propellant quantity gaging system verification	1967
19670089807	Descent stage eps power distribution verification	1967
19670089808	Hts-flush and w/g fill	1967
19670089810	Ascent stage - environmental control subsystem - proof pressure and leakage checks	1967
19670089811	Feat/emc system oriented /plugs out/, volume ii	1967
19670089812	Environmental control subsystem leak and interstage proof test	1967
19670089813	A/s liquid level indicator and d/s propellant quantity gaging system verification	1967
19670089814	Ascent engine functional and gaseous blowdown check	1967
19670089815	D/s insertion loss for s-band operation and vhf/uhf df1	1967
19670089818	Quarterly status report, october 13, 1966 - january 13, 1967	1967
19670089821	Ascent stage ecs w/g draining procedure	1967
19670089836	Feat/emc system oriented /plugs out/, volume 1	1967
19670089837	Feat/emc mission oriented /plugs out/, volume i	1967
19670089838	Ascent stage - environmental control subsystem, proof pressure and leakage checks	1967
19670089839	Guidance and navigation parameter verification	1967
19670089840	Ascent stage substitute propellant cold flow test	1967
19670089904	Hts - flush and w/g fill	1967
19670090099	Flight test - model ra-5c airplanes biweekly summary report, period ending 4 feb. 1967	1967
19670090100	Coatings for regenerative engines informal monthly report	1967
19670090153	High frequency combustion instability mathematical analysis quarterly progress report	1967
19670090159	Research investigation of the decomposition of composite solid propellants quarterly status letter no. 2, oct. 5, 1966 - jan. 5, 1967	1967
19670090160	Feasibility study of man-made radio frequency radiation measurement monthly progress report, 1-31 dec. 1966	1967
19670090169	Arod data processor study final report	1967
19670090180	Two stage bi-propellant injection system studies monthly progress report, jan. 1-31, 1967	1967
19670090182	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 22 dec. 1966 - 22 jan. 1967	1967
19670090200	A study of surface effects in gauges for ultrahigh vacuum pressure measurement semiannual status report, 1 sep. 1966 - 28 feb. 1967	1967
19670090209	Provide comparative optical and oxone data for ogo iv ultraviolet monochromator ozone measurements quarterly progress report, 1 dec. 1966 - 28 feb. 1967	1967
19670090212	Investigation of properties of rare earth ions semiannual status report, 1 sep. 1966 - 28 feb. 1967	1967
19670090221	Electron density probe quarterly report, 25 aug. - 30 nov. 1966	1967
19670090222	Liquid propellant thermal conditioning system monthly progress report, 31 jan. - 28 feb. 1967	1967
19670090223	Nuclide r-9a quarterly summary progress report, 4 nov. 1966 - 4 feb. 1967	1967
19670090228	An investigation of soil modeling problems related to impact studies semiannual status report, 22 jul. 1966 - 22 jan. 1967	1967
19670090234	Study of fluid-controlled solid propellant rocket motors restartable solid, variable pulse /rsvp/ motor monthly status report, 1-31 jan. 1967	1967
19670090235	Two stage bi-propellant injection system studies monthly progress report, 1-31 dec. 1966	1967
19670090236	Glass-fiber-reinforced metallic tanks for cryogenic service monthly progress report, 16 jan. - 15 feb. 1967	1967
19670090250	Scientific and engineering studies related to manned space science problems monthly letter report for feb. 1967	1967
19670090251	Lithium-fluorine-hydrogen propellant study monthly progress report, dec. 1966	1967
19670090261	Summaries of progress in supporting research and technology oart, omsf, ossa, and otda, volume 1 semiannual progress report, 15 aug. 1966 - 15 feb. 1967	1967
19670090262	Summaries of progress in supporting research and technology oart, omsf, ossa, and otda, volume 7 semiannual progress report, 15 aug. 1966 - 15 feb. 1967	1967
19670090263	Summaries of progress in supporting research and technology oart, omsf, ossa, and otda, volume 6 semiannual progress report, 15 aug. 1966 - 15 feb. 1967	1967
19670090264	Summaries of Progress in Supporting Research and Technology Oart, Omsf, Ossa, and Otda, Volume 5 Semiannual Progress Report, 15 Aug. 1966 - 15 Feb. 1967	1967
19670090265	Summaries of progress in supporting research and technology oart, omsf, ossa, and otda, volume 4 semiannual progress report, 15 aug. 1966 - 15 feb. 1967	1967
19670090266	Summaries of Progress in Supporting Research and Technology Oart, Omsf, Ossa, and Otda, Volume 3 Semiannual Progress Report, 15 Aug. 1966 - 15 Feb. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090267	Summaries of Progress in Supporting Research and Technology Oart, Omsf, Ossa, and Otda, Volume 2 Semiannual Progress Report, 15 Aug. 1966 - 15 Feb. 1967	1967
19670090269	Synthesis of linear, double chain, ladder polymers from substituted tetraphosphonitriles monthly progress report, 1-31 jan. 1967	1967
19670090270	Colloidal asbestos fibrils as reinforcements for polymeric structures quarterly progress report, 1 nov. 1966 - 31 jan. 1967	1967
19670090272	Correlation between solid propellant mechanical properties and explosion effects progress report, 1-31 jan. 1967	1967
19670090273	Development of a meet disperser technical progress report, 1-30 nov. 1966	1967
19670090276	Material review board /mrb/ procedures - to be implemented during the production and testing of the reflectometer experiment for the applications technology satellite	1967
19670090286	Measurement of the intensity of turbulence semiannual status report, 1 jul. - 31 dec. 1966	1967
19670090287	Meteor research program bimonthly progress report, 1 dec. 1966 - 31 jan. 1967	1967
19670090288	Quarterly report	1967
19670090294	Biweekly flight test model ra-5c airplanes summary report no. 317 for period ending 7 jan. 1967	1967
19670090298	Biweekly flight test summary report no. 316 for the period ending 24 dec. 1966	1967
19670090306	Evaluation of protective coatings for rocket engines third monthly report, 1-31 dec. 1966	1967
19670090307	Random wave phenomena in hypergolic propellant combustion third quarterly report, nov. 1, 1966 - jan. 31, 1967	1967
19670090329	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles quarterly progress report no. 5, nov. 10, 1966 - feb. 9, 1967	1967
19670090331	Research on techniques and procedures for the cultivation of hydrogen-fixing bacteria	1967
19670090332	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report, 5 jan. - 5 feb. 1967	1967
19670090336	Lithium-fluorine-hydrogen propellant study monthly progress report, jan. 1967	1967
19670090350	Testing of integrated pulse-width modulator circuit interim report	1967
19670090351	Improvement of efficiency and life of expulsion bladders and diaphragms monthly status letter for jan. 1967	1967
19670090353	Studies of radioactivity and hydrothermal processes in protobiochemistry on earth and the moon monthly letter status report, dec. 1966	1967
19670090354	Hydrogen-fluorine engine evaluation monthly status report	1967
19670090355	Thermodynamic improvements in lh2 - turbopumps informal monthly status report for period ending 17 jan. 1967	1967
19670090356	Results of an experiment to search for solar neutrons	1967
19670090357	Random wave phenomena in hypergolic propellant combustion monthly status report, 10 dec. 1966 - 10 jan. 1967	1967
19670090358	Spacecraft rocket engine chamber insulation materials monthly progress report, period ending 31 jan. 1967	1967
19670090362	Investigation of discharge pressure oscillations in high pressure pumps informal monthly progress letter, 1 - 27 jan. 1967	1967
19670090363	Investigation of smooth-bonded metal liners for glass fiber filament-wound pressure vessels monthly progress report, jan. 1967	1967
19670090364	Nasa s-16 orbiting solar observatory	1967
19670090365	Improved resin/glass filament-wound composite monthly letter report, jan. 1967	1967
19670090369	Elasticity of gel. studies on dielectric inflection point of gel /gelatin gel/	1967
19670090370	Effects of mechanical conditions on the performance and oxygen consumptions of the hearts of warm-blooded animals	1967
19670090373	Summaries of progress in supporting research and technology oart, omsf, ossa, and otda, august 15, 1966 to february 15, 1967	1967
19670090375	Study, fabrication, and testing of a foil bearing rotor support system quarterly report period ending 15 feb. 1967	1967
19670090378	No title quarterly report, nov. 1966 - jan. 1967	1967
19670090381	Quarterly report, 1 november 1966 - 1 february 1967	1967
19670090384	Improvement of efficiency and life of expulsion bladders quarterly report, 1 oct. - 31 dec. 1966	1967
19670090389	Satellite navigation studies quarterly progress report, 1 oct. - 31 dec. 1966	1967
19670090390	Studies of photosynthetic halophils from owens lake quarterly progress report	1967
19670090391	Band model parameters for h2o	1967
19670090392	Development of instrumentation to search for neutrons and gamma rays from solar surface nuclear reactions /conduct scientific balloon experiments with the instrumentation/ status report no. 1, 1 feb. 1966 - 31 jan. 1967	1967
19670090399	Analytical study of catalytic reactors for hydrazine decomposition quarterly progress report, 15 oct. 1966 - 14 jan. 1967	1967
19670090407	Isis-a clock oscillator biweekly report no. 24, 15 - 28 feb. 1967	1967
19670090414	A thermoelectric cryogenic temperature sensor	1967
19670090433	Technical status report, 4 february - 4 may 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670090436	Payback analysis - decisions for the space program	1967
19670090438	Structural measures of ductility quarterly progress report, 16 dec. 1966 - 16 mar. 1967	1967
19670090439	Elasticity of gels /paper x/. relation between the elasticity of xerogels and gels /part 1/.	1967
19670090442	Meteoroid-bumper interaction program monthly progress report	1967
19670090443	Sterilizable Wide Angle Gas Bearing Gyro Fgg3454s Quarterly Progress Report, 15 Oct. 1966 - 15 Jan. 1967	1967
19670090444	Quarterly Progress Report: Period Ending January 15, 1967	1967
19670090446	Technical status report, 4 may - 4 august 1966	1967
19670090450	Project spin /precision cryogenic gyro/ monthly progress report, period ending 31 jan. 1967	1967
19670090487	A21a/114 surveyor main retro rocket engine design review data appendix c, nozzle analyses part 1	1967
19670090495	Government-science policy process curriculum development	1967
19670090496	Studies in the motion of an ensemble of mass particles in the solar system for astronomically significant time intervals semiannual report, 1 jun. - 30 nov. 1966	1967
19670090498	Evaluation of protective coatings for rocket engines monthly report, 1 - 31 jan. 1967	1967
19670090503	Monthly status report, 1 - 28 february 1967	1967
19670090508	Mice in long duration zero-g quarterly progress report, 1 jan. - 31 mar. 1967	1967
19670090513	Melting of fayalite up to 40 kilobars	1967
19670090514	Improvement of efficiency and life of expulsion bladders and diaphragms monthly status letter for feb. 1967	1967
19670090515	Evaluation of high-thrust, advanced booster propulsion systems quarterly progress report for period ending 31 dec. 1966	1967
19670090516	Stability characterization of advanced injectors monthly progress report, 1 jan. - 1 feb. 1967	1967
19670090517	A study of the feasibility of a small satellite final report, 1 aug. 1966 - 31 jan. 1967	1967
19670090525	Investigation of the longitudinal vibration of liquid-fueled launch vehicles semiannual progress report, 16 sep. 1966 - 15 mar. 1967	1967
19670090526	The conduct of space sciences experiments at the jicamarca radar observatory, lima, peru informal letter progress report, 1 jan. - 31 mar. 1967	1967
19670090527	Investigation of observational means of examining the solar corona including design studies of a solar coronagraph status report, 1 sep. 1966 - 28 feb. 1967	1967
19670090528	Analysis of the impact of space activities on the national economy and establishment of a methodology for determining space program effects on regional growth semiannual status report, 15 sep. 1966 - 15 mar. 1967	1967
19670090530	A study of the application of microwave techniques to the measurement of solid propellant burning rates semiannual progress report	1967
19670090531	Biological sciences communication project quarterly report, 1 jan. - 31 mar. 1967	1967
19670090533	Stress-corrosion cracking of titanium alloys quarterly progress report, jul. aug. sep. 1966	1967
19670090534	Stress-corrosion cracking of titanium alloys quarterly progress report, oct. nov. dec. 1966	1967
19670090535	Stress-corrosion cracking of titanium alloys quarterly progress report, jan. feb. mar. 1967	1967
19670090536	Cartography coordinator and principal investigator for panoramic cameras monthly progress report	1967
19670090537	Activities of the hydrology program, february 1967 monthly report	1967
19670090538	Geologic applications program monthly report, feb. 1967	1967
19670090539	Earth orbiter program monthly report, february 1967	1967
19670090573	Study of high temperature heat transfer semiannual status report, 1 jul. - 31 dec. 1966	1967
19670090574	Analysis of notches and cracks semiannual report, 1 oct. 1966 - 31 mar. 1967	1967
19670090575	Model 1037-5 50 mc counter. instruction manual	1967
19670090592	Lambert diffuse reflection from general quadric surfaces	1967
19670090666	Lunar orbiter project mission 3 agena vehicle 6632	1967
19670090667	Mission oriented advanced nuclear system parameters study, phase v fourth quarterly progress report, 1 jan. - 31 mar. 1967	1967
19670090668	Quality conformance inspection of 40 pyrofilm fixed film resistors /06-21222g11 and 06-26469e11/	1967
19670090699	Study of fluid-controlled solid propellant rocket motors restartable solid, variable pulse /rsvp/ motor monthly status report, 1-28 feb. 1967	1967
19670090714	Armel elect. connector, receptacle, mini-rectangular, removable, crimp termination, closed entry contacts evaluation test report	1967
19670090715	Evaluation of gudeman company series 68 metallized mylar capacitors	1967
19670090719	Precision connectors, inc., sub-miniature connector series 5040-75 with closed entry contacts evaluation test report	1967
19670090741	Investigation of the ignition and combustion of metal wires progress report, 16 feb. - 15 mar. 1967	1967
19670090742	Investigation of the ignition and combustion of metal wires progress report, 16 jan. - 15 feb. 1967	1967
19670090744	Realization of a class of switching functions by threshold-logic networks	1967
19670090761	Propellant combustion phenomenon during rapid depressurization quarterly report, 1 oct. - 31 dec. 1966	1967
19670090951	Development of isls modification for antenna at-352/upa-22 final report	1967
19670090964	Electrical fields from airborne vertical and horizontal dipoles at very-low frequencies	1967
19670091036	Toward improved techniques for abstracting and extracting scientific and technical literature	1967
19670091083	Scramjet thermal protection program progress report, 1-31 mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091086	Development study of combustible composite materials for falling mass hazard neutralization	1967
19670091089	Exploratory design study on electron optical systems interim report, 30 jun. - 30 dec. 1966	1967
19670091098	Study of Fluid-controlled Solid Propellant Rocket Motors /restartable Solid, Variable Pulse /rsvp/ Motor/ Status Report, 1 Nov. 1966 - 31 Jan. 1967	1967
19670091182	Operating procedure lightning warning system launch complex 34	1967
19670091183	Development and qualification of improved fluid connectors technical progress report, jan. 1967	1967
19670091188	Development of liquid oxygen positive expulsion bladders monthly progress report, 1-31 jan. 1967	1967
19670091189	Analytical comparison of cesium and potassium as rankine cycle working fluids for space power plants	1967
19670091190	Propellant combustion phenomenon during rapid depressurization quarterly report, 1 jul. - 30 sep. 1966	1967
19670091196	Flox/methane pump-fed engine study monthly progress report	1967
19670091213	Research on solid state motion transducers interim engineering report, 1 aug. - 1 nov. 1962	1967
19670091230	Synthesis of linear, double chain, ladder polymers from substituted tetraphosphonitriles monthly progress report, 1-31 mar. 1967	1967
19670091232	Investigation of advance thrust chamber designs monthly progress report, 6 mar. - 6 apr. 1967	1967
19670091233	Review of biological mechanisms for application to instrument design progress report	1967
19670091242	Interstation data - transmission study final report	1967
19670091247	Recovery of aluminum nitrate nonahydrate from redox acid waste. part 1- computer study	1967
19670091271	Interactions between p32-labeled aibonucleic acids and suspended tissue culture cells. ii - conversion of the rna from rnase- sensitive to rnase-resistant state	1967
19670091272	Size constancy - conclusions	1967
19670091273	Recent data on the mechanism of information storage in the central nervous system	1967
19670091278	Lithium-fluorine-hydrogen propellant study monthly progress report, mar. 1967	1967
19670091279	Supersonic transport lubrication system investigation monthly progress report, 3 apr. - 30 apr. 1967	1967
19670091280	A study of the blistering of metal surfaces by solar system ions quarterly progress report for period ending 14 mar. 1967	1967
19670091281	Two-stage bi-propellant injector system studies monthly progress report period ending 31 mar. 1967	1967
19670091282	Flox/methane pump-fed engine study quarterly progress report, 6 jan. - 5 apr. 1967	1967
19670091283	Development of one ampere-hour heat steriliz- able silver-zinc cell progress report, 1 jan. - 31 mar. 1967	1967
19670091284	A study of the blistering of metal surfaces by solar system ions quarterly progress report for period ending 14 dec. 1966	1967
19670091296	Vitamin b12 concentration in the serum of patients with leukemia and myelofibrosis	1967
19670091312	Design and study of correlation instrumentation for speech analysis and synthesis	1967
19670091359	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1967
19670091360	Investigations relative to wind-induced oscillations of saturn boosters in the vertical launch position	1967
19670091361	Advanced value technology monthly progress report, jan. 1967	1967
19670091362	Advanced Experimental Thrust Chamber Monthly Progress Report, Jan. 1967	1967
19670091385	Qualification test report on varistors	1967
19670091409	Investigation of radar and microwave radiometric techniques for geoscience experiments which may be carried out in manned orbiting spacecraft quarterly progress report, dec. 1, 1966 - feb. 28, 1967	1967
19670091410	Human tolerance limits for environmental exposures with special reference to apollo - summary, compendium, critique	1967
19670091421	Arod system test model hardware program quarterly report, 1 dec. 1966 - 31 mar. 1967	1967
19670091433	Collective protection for command post vehicles bimonthly progress report, sep. - oct. 1966	1967
19670091439	Metal particle combustion letter report, 1 mar. - 30 apr. 1967	1967
19670091440	Evaluation of high-temperature gas transport properties quarterly progress report, 30 dec. 1966 - 30 mar. 1967	1967
19670091441	Study of superconductors by means of monochromatic phonons quarterly report, 17 dec. 1966 - 16 mar. 1967	1967
19670091444	Investigations of the weight of the human bone marrow	1967
19670091445	Boundary conditions for experimental production of electrolytic carious pitting of the hard substance of human teeth	1967
19670091446	Bone marrow transplantation	1967
19670091447	Fundamental differences between perception and intelligence	1967
19670091448	Historical data on the determination of the size of the marrow	1967
19670091449	The history of science and of technical skill in czechoslovakia	1967
19670091451	A study of attention and psychological time	1967
19670091452	Elevated temperature stress corrosion of high strength sheet materials in the presence of stress concentrators quarterly progress report, 1 jan. - 31 mar. 1967	1967
19670091453	Investigation of advanced regenerative thrust chamber designs monthly report, 16 jan. - 16 feb. 1967	1967
19670091454	Gas duplexer /pinch effects/ quarterly progress report	1967
19670091455	Research program to extend cascade data to liquids and higher inlet angles quarterly progress report, 22 nov. 1966 - 21 feb. 1967	1967
19670091465	Study of reduced problems of three and four bodies in connection with cislunar trajectories quarterly report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091466	Development of a technique for sampling the boundary flow gases in rocket motors monthly progress report	1967
19670091474	Scientific and engineering studies related to manned space science problems letter report, 1-31 mar. 1967	1967
19670091484	Advanced nitroso polymes monthly report, 28 feb. - 27 mar. 1967	1967
19670091503	10 amp 2-pot magnetic latch relay vibration and shock tests dac scn 1b42260-501	1967
19670091528	Nimbus-b solar-conversion power supply subsystem quarterly technical report, sep. - nov. 1966	1967
19670091547	Thermodynamic improvements in liquid hydrogen turbopumps monthly progress report for period ending 17 apr. 1967	1967
19670091586	Lightweight multi-layer insulation system monthly progress report, 1-31 mar. 1967	1967
19670091587	Correlation between solid propellant mechani- cal properties and explosion effects quarterly progress report, 1 jan. - 31 mar. 1967	1967
19670091591	A theoretical study of the ring current and geomagnetic field status report, oct. 1966 - mar. 1967	1967
19670091592	Experimental determination of transport properties of high temperature gases quarterly progress report, 20 sep. 1966 - 20 dec. 1966	1967
19670091594	Study for development of improved char-forming heat sheilds monthly status report, 1-28 feb. 1967	1967
19670091595	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report, 5 feb. - 5 mar. 1967	1967
19670091596	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations quarterly progress report, 5 oct. 1966 - 5 jan. 1967	1967
19670091597	Development of a system for pre-stressing brittle material monthly letter report, 1-31 jan. 1967	1967
19670091603	Environmental evaluation of twelve sealed pushbutton switches	1967
19670091622	Properties of photodetectors. photodetector series, 73rd report	1967
19670091641	Redeye research and development program monthly report, feb. 1967	1967
19670091651	Develop balloon systems and conduct high- altitude balloon flights quarterly status report, 1 dec. 1966 - 28 feb. 1967	1967
19670091670	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1967
19670091676	Cartridge Assembly Electrically Initiated, Pressure, Hotwire - Type VI Qualification Test Report	1967
19670091677	Component Test of Passive Geodetic Satellite Final Report	1967
19670091703	Quality assurance test of switches, electrical, temperature, spst /no/	1967
19670091718	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1967
19670091719	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1/4 watt	1967
19670091731	Diode - reference	1967
19670091734	Size 8 resolver	1967
19670091779	Advanced engineering program system and dynamics investigation, aerospike quarterly progress report, 1 nov. 1966 - 31 jan. 1967	1967
19670091780	Advanced engineering program system and dynamics investigation, aerospike monthly report, feb. 1967	1967
19670091782	Feasibility Evaluation of Toroidal Combustion Chamber Monthly Progress Report, Ending 28 Feb. 1967	1967
19670091783	Advanced engineering program system and dynamics investigation, aerospike monthly report, mar. 1967	1967
19670091784	Advanced engine /aerospike/ design study and experimental investigation monthly report, mar. 1967	1967
19670091785	Advanced engine design study, aerospace quarterly progress report, 1 dec. 1966 - 28 feb. 1967	1967
19670091792	Advanced engine design study, aerospike monthly report, jan. 1967	1967
19670091793	Feasability evaluation of toroidal combustion chamber monthly progress report, jan. 1967	1967
19670091798	Advanced ramjet concepts program monthly progress report, 1-30 apr. 1967	1967
19670091800	Study of fluid-controlled solid propellant rocket motors restartable solid, variable pulse /rsvp/ motor monthly status report, 1-31 mar. 1967	1967
19670091829	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report, 5 may - 5 jun. 1967	1967
19670091830	Development of a technique for sampling the boundary flow gases on rocket motors quarterly progress report	1967
19670091831	Research in solar flares and the solar atmosphere semiannual report, ending 30 apr. 1967	1967
19670091834	Qualification tests on tape, electrical, insulating, electrical type pc	1967
19670091837	The development and characterization of new storable propellant bladder materials	1967
19670091838	Investigation of resin systems for improved ablative materials monthly progress report, 1 apr. - 5 may 1967	1967
19670091839	Development of liquid oxygen positive expulsion bladders monthly progress report, 1-30 apr. 1967	1967
19670091840	Monthly letter report, 25 mar. - 25 apr. 1967	1967
19670091843	Design analysis and performance evaluation on electrical contacts for space vehicles interium report, 1 jan. - 31 mar. 1967	1967
19670091844	Study of dynamic and static seals for liquid rocket engines monthly progress report, 1-28 may 1967	1967
19670091845	Monthly progress report, 3 may - 3 jun. 1967	1967
19670091846	Development of liquid oxygen positive expulsion bladders monthly progress report, 1-31 may 1967	1967
19670091847	Cyclic flaw growth in 2014-t62 aluminum and 6a1-4v /el/ titanium monthly progress report, 30 apr. - 31 may 1967	1967
19670091848	Development of a low residue diet for small primates quarterly report, jan. - apr. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670091849	Improvement of efficiency and life of expulsion bladders and diaphragms monthly status letter for may 1967	1967
19670091857	Investigations of dust in the upper atmosphere by optical radar semiannual report, 1 jul. - 31 dec. 1966	1967
19670091860	Research study on vehicle structural damping report on phase c progress report, 9 oct. 1966 - 10 feb. 1967	1967
19670091879	Advanced ramjet concepts program monthly progress report, 1-31 may 1967	1967
19670091913	Pershing fuze parametric study	1967
19670091922	Army tactical satellite communications program	1967
19670091932	Redeye research and development program monthly report	1967
19670091960	Qualification of epon /r/ adhesive 9600, type 1, class 2 under federal specification mmm-a- 132 submitted by shell chemical co.	1967
19670091961	Research on methods of obtaining luminescence in ferroelectric materials and study of the temperature dependence of their luminous efficiencies close to the curie point quarterly technical report no. 6, 1 oct. - 31 dec. 1966	1967
19670091970	Rough handling tests on indicator and gyro packaging systems	1967
19670091976	Project sophy. solid propellant hazards program monthly contract status report, 1-30 sep. 1966	1967
19670091992	Qualification test of three ganged plastic conductive potentiometer dac scn 1a96674-1	1967
19670091996	Stellar acquisition feasibility flights /staff/ progress report for feb. 1967	1967
19670091999	Technical progress report for march 1967	1967
19670092005	Stability characterization of advanced injectors monthly progress report	1967
19670092007	System analysis of gelled space-storable propellant monthly progress report, 4 may - 3 jun. 1967	1967
19670092009	Evaluation test for filters, electronic	1967
19670092090	Surveillance inspection test of capacitor, fixed, film, metalized, hermetically sealed, lead mount	1967
19670092103	Surveillance inspection test of capacitor, fixed, film metalized, hermetically sealed, lead mount	1967
19670092104	Comparison test program of semiconductors, transistors, switching, noc, silicon, pnp	1967
19670092119	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/2 watt	1967
19670092132	Surveillance inspection test of capacitor, fixed, film, hermetically sealed, chassis mount	1967
19670092138	Study for development of improved char forming heat shields monthly status report, 1-31 dec. 1966	1967
19670092139	Development of a technique for sampling the boundary flow gases in rocket motors	1967
19670092144	Electromagnetic interference /emi/ on the apollo radiator control system assemblies	1967
19670092152	Protective coatings for refractory metals in rocket engines quarterly report, 25 nov. 1966 - 25 feb. 1967	1967
19670092162	Surveillance inspection test of capacitor, fixed, ceramic, molded, lead mount	1967
19670092177	Computer program for automatic spelling correction final technical report	1967
19670092183	Voyager project progress report, feb. 16 - mar. 15, 1967	1967
19670092185	Design, develop and fabricate a model of a serpentuator, volume ii final report	1967
19670092192	Strain standards at 1650 deg c /3000 deg f/ a feasibility study	1967
19670092194	Investigation of earth tremors during large rocket firings quarterly progress report, 22 nov. 1966 - 22 feb. 1967	1967
19670092197	Timer, event, digital readout type ii, volume i	1967
19670092204	Exposure of man to low intensity magnetic fields as will be experienced on the moon and mars	1967
19670092207	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report, 5 apr. - 5 may 1967	1967
19670092209	Qualification test of oxidizer tank vent duct bellows, dac scn 1a49973-501	1967
19670092214	Transistor, germanium, pnp, power	1967
19670092215	Semiconductor device, diode - /scr/	1967
19670092216	Random vibration test of gemini right angle coax connector	1967
19670092237	Qualification report on fixed capacitors	1967
19670092258	Qualification Test Report for Wet Primary Battery, Douglas Specification Control Number 1A83471-1 /Gtp Line Item No. P37/, Model No. Saturn S-IV-B	1967
19670092269	Cyclic flaw growth in 2014-t62 aluminum and 6al-4v /eli/ titanium quarterly progress report, 1 jan. - 31 mar. 1967	1967
19670092270	Technical progress report, covering the period december, 1966	1967
19670092271	Advanced nitroso polymers, 28 march through 27 april 1967	1967
19670092284	Liquid propellant thermal conditioning system quarterly progress report, 31 oct. 1966 - 31 jan. 1967	1967
19670092290	Main tank injection pressurization monthly report, 1 - 28 feb. 1967	1967
19670092291	Two-stage bi-propellant injection system studies monthly progress report for period ending 28 feb. 1967	1967
19670092313	Evaluation of miniature relay type 410-12 from teledyne, incorporated	1967
19670092325	Weldment flaw enlargement characteristics monthly report, 21 mar. - 21 apr. 1967	1967
19670092328	Comparison test program of semiconductors, diodes, rectifier, silicon	1967
19670092338	Permeability study /task 9/ monthly report, 1 - 30 apr. 1967	1967
19670092345	Aberrations of radio signals traversing the auroral ionosphere interim report, 1 aug. 1966 - 31 jan. 1967	1967
19670092351	Report of qualification test of compressor, motor driven, mfg. part no. 33e11-1a, naa control no. me 281-0020-0001	1967
19670092374	Study of cryogenic container thermodynamics during propellant transfer quarterly progress report	1967
19670092377	Evaluation of protective coatings for rocket engines monthly report, 1 mar. - 31 mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670092380	Experimental and analytical studies of radiation-only pyrolysis of model char-forming polymers status report, 21 jul. - 31 dec. 1966	1967
19670092387	Formation of 100 plane 001 direction and 110 plane 001 direction textures in iron and some iron alloys made by powder metallurgy	1967
19670092400	Static confirmation test program - ws-133b final test report	1967
19670092402	Surveillance inspection test of resistor, fixed, carbon film, molded or dipped, 1/8 watt	1967
19670092405	Qualification test report on fixed capacitors	1967
19670092407	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, pnp.	1967
19670092421	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations quarterly progress report, 5 jan. - 5 apr. 1967	1967
19670092439	Experimental investigation of the fundamental modes of a collisionless plasma quarterly progress report, 1 nov. 1966 - 31 jan. 1967	1967
19670092444	Liquid propulsion technology technical report, jan. - mar. 1967	1967
19670092449	F-4m airplane demonstration planning, progress and data report. volume i - planning and progress	1967
19670092468	A group of low burning rate plateau propellants for power actuated devices	1967
19670092511	Relay, armature, dpdt	1967
19670092523	Cyclic flaw growth in 2014-t62 aluminum and 6a1-4v /el/ titanium monthly progress report, 31 mar. - 30 apr. 1967	1967
19670092551	Materials property office /mpo/, general technical data, bibliographies, list, indexes of publications on parts	1967
19670092560	Surveillance inspection test of capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1967
19670092580	Surveillance inspection test of semiconductor, diodes, general purpose, silicon	1967
19670092582	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1967
19670092622	Surveillance inspection test of semiconductors, transistors, general purpose, silicon, npn	1967
19670092623	Comparison test program of semiconductors, diodes, general purpose silicon	1967
19670092641	Surveillance inspection of electron tube, special purpose, diode, multiple, voltage regulating	1967
19670092650	Leadwire, stranded polytetrafluoroethylene insulated, for 300 volt, 200 c service - final specification	1967
19670092674	Design criteria for space propulsion systems fifth monthly progress report for period ending 13 feb. 1967	1967
19670092675	Hydrogen-Fluorine Engine Evaluation	1967
19670092686	Generalized concept receiver system final report	1967
19670092702	Functional-group terminated diene polymers progress report, 26 nov. - 24 dec. 1966	1967
19670092705	Fourth quarterly report, 1 october 1966 - 1 january 1967	1967
19670092710	Advanced experimental thrust chamber program monthly progress report, period ending 31 mar. 1967	1967
19670092715	Development of a high strength aluminum alloy, readily weldable in plate thickness, and suitable for application at - 423 f /-253 c/ progress report, 1-30 apr. 1967	1967
19670092718	A study of optical data processing and reduction progress report, 1 jan. - 30 apr. 1967	1967
19670092721	Development of a low residue diet for small quarterly report, oct. 1966 - jan. 1967	1967
19670092729	Surveillance inspection test of resistor, fixed, composition, molded or dipped, 1.0 watt	1967
19670092742	The nonlinear static and dynamic analysis of shells of revolution with asymmetrical stiffness properties progress report	1967
19670092745	Low pressure restartable oxygen/hydrogen burner monthly status report, 2-31 may 1967	1967
19670092746	Minimum pressure loss in high velocity flow duct systems monthly progress report	1967
19670092747	Development and qualification of improved fluid connectors technical progress report for apr. 1967	1967
19670092748	Advanced injector concepts investigation informal monthly progress report	1967
19670092749	Thermodynamic improvements in liquid hydrogen turbopumps	1967
19670092751	Monthly progress report for period 13 december 1966 to 13 february 1967	1967
19670092752	Semiconductor multi-chip packaging-screening molybdenum	1967
19670092755	Beneficial suggestion for improved thinner for mil-p-23377 epoxy primer, evaluation of	1967
19670092756	Handbook for planning file conversion	1967
19670092787	Aerospace fluid component designers' handbook. volume i - revision b	1967
19670092808	Environmental resistance of stained tantalum capacitors	1967
19670092863	Qualification test of helium control pressure switch dac scn 7851830-521	1967
19670092892	Resistor-metal film, dipped	1967
19670092911	Design and development testing of long cryogenic transducer	1967
19670092925	Test procedure and test report for transducer- pressure, differential, relative, dc output	1967
19670092944	Qualification test report for umbilical electrical connectors	1967
19670092950	Transistor, power, npn	1967
19670092951	Diode, mixer	1967
19670092952	Microelectronic integrated circuit, triple, three-input gate element	1967
19670093018	Capacitor - variable glass	1967
19670093046	Quarterly progress report, 4 february - 4 may 1967	1967
19670093059	Qualification test results on e. f. houghton and company materials cosmolite 1115 and 4214	1967
19670093099	Size 10 magnetic clutch	1967
19670093101	Evaluation test report on em 79472 transistor	1967
19670093102	Two-stage, bipropellant injection system monthly progress report, period ending 31 may 1967	1967
19670093103	Inducer dynamics - full flow, full admission hydraulic turbine monthly report, apr. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093104	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles monthly progress report, 10 may - 9 jun. 1967	1967
19670093108	Investigation of sputtering effects on the moon's surface 12th quarterly progress report, 25 jan. - 24 apr. 1966	1967
19670093116	Formation of alkali iron sulfates and other compounds causing corrosion in boilers and gas turbines	1967
19670093117	Research and advanced development. volume i - supporting research and technology for the office of space sciences and applications, national aeronautics and space administration semiannual review, jul. 1 - dec. 31, 1966	1967
19670093118	Aircraft coating, testing and evaluation interim engineering report, 1 oct. - 31 dec. 1966	1967
19670093120	/study of a radio probe of the extended solar corona/ eleventh quarterly progress report, 1 jan. - 31 mar. 1967	1967
19670093121	To study experimentally some facets of cryoentrainment pump	1967
19670093122	Light weight sandwich adhesive systems	1967
19670093125	Non-destructive testdata on united kingdom group "b" -specimens of the a.g.a.r.d. programme tested at the "royal netherlands aircraft factories fokker"	1967
19670093131	Phase velocities in rectangular waveguide partially filled with dielectric	1967
19670093133	Evaluation of direct reading humidity indicators	1967
19670093140	Investigation of resin systems for improved ablative materials 14th monthly progress report, 11 feb. - 10 mar. 1967	1967
19670093141	Research and design of a practical and economical dielectrophoretic system for the control of liquid fuels under low gravity environmental conditions progress report, 1-28 feb. 1967	1967
19670093149	Theory of differential equations and their relationship to dynamical systems theory progress report, apr. 1, 1966 - mar. 31, 1967	1967
19670093152	Investigation of near critical and supercritical burning of fuel droplets quarterly progress report, mar. 1 - may 31, 1967	1967
19670093154	Relay, armature, dpdt, 1/6 size	1967
19670093159	Study of wave soldering effects on semiconductor components	1967
19670093188	Corrosion of silver plated copper wire /red plague/	1967
19670093207	Evaluation of lightweight insulation systems for aerospace wiring test report	1967
19670093211	Spacecraft rocket engine chamber insulation materials monthly progress report for period ending 30 apr. 1967	1967
19670093212	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles monthly progress report, 10 feb. - 9 mar. 1967	1967
19670093213	Establishment of criteria for the design of stably operating liquid propellant rocket engines progress report, 1 dec. 1966 - 28 feb. 1967	1967
19670093214	Design criteria for space propulsion systems monthly progress report for period ending 13 mar. 1967	1967
19670093215	Technical progress report for february, 1967	1967
19670093219	Third quarterly report, february - april, 1967	1967
19670093226	Qualification of texas instruments 2n744 transistors	1967
19670093235	Research in photosynthesis quarterly report, 6 dec. 1966 - 6 mar. 1967	1967
19670093239	Material preparation and instrumentation for welding s-i-c components monthly letter report, jan. 1967	1967
19670093242	Development and application of basic analytical principles for materials and design synthesis to advanced concepts for space and launch vehicles quarterly progress report, 9 dec. 1966 - 9 mar. 1967	1967
19670093247	Two hundred sixty inch motor reliability study monthly progress report, 17 apr. - 19 may 1967	1967
19670093251	Performance analysis of composite propulsion systems quarterly letter no. 1, 30 dec. 1966 - 31 mar.	1967
19670093252	Ta-hf alloys metallurgical processing technology monthly progress report, 9 apr. - 9 may 1967	1967
19670093257	Comparison test program of semiconductors, transistors, general purpose, silicon, npn	1967
19670093273	Minuteman amr field test report - ftm 435 missile assembly and ground test operations	1967
19670093280	A comparative study of lunar craters and terrestrial volcano-tectonic depressions in rhyolite ash-flow plateaus semiannual report	1967
19670093281	Random wave phenomena in hypergolic propellant combustion monthly status report for mar. 1967	1967
19670093282	Investigation of advanced thrust chamber designs monthly progress report, 6 feb. - 6 mar. 1967	1967
19670093283	Advanced experimental thrust chamber program quarterly progress report for period ending 28 feb. 1967	1967
19670093284	Tantalum-hafnium alloys metallurgical processing technology quarterly report, 9 dec. 1966 - 9 mar. 1967	1967
19670093289	High frequency combustion instability - mathematical analysis quarterly progress report, 27 jan. - 26 apr. 1967	1967
19670093291	Cyclic flaw growth in 2014-t62 aluminum and 6a1-4v /el/ titanium monthly progress report, jan. 31 - feb. 28, 1967	1967
19670093292	Lightweight multi-layer insulation system monthly progress report, apr. 1-30, 1967	1967
19670093295	Study of fluid-controlled solid propellant rocket motors restartable solid, variable pulse /rsvp/ motor monthly status report, 1-30 apr. 1967	1967
19670093298	Permeability study monthly report, may 1 - 31, 1967	1967
19670093299	Development of liquid oxygen positive expulsion bladders monthly progress report, mar. 1 - 31, 1967	1967
19670093300	Evaluation of protective coatings for rocket engines monthly report, 1 - 30 apr. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093301	Research program to extend cascade data to liquids and higher inlet angles quarterly progress report, feb. 22 - may 21, 1967	1967
19670093303	Advanced valve technology quarterly progress report, 1 jan. - 1 apr. 1967	1967
19670093305	Investigation of sputtering effects on the moon's surface Quarterly status report, 2 dec. 1966 - 2 mar. 1967	1967
19670093307	Ground feasibility tests of unity-gain high-directivity antenna monthly progress report for feb. 1967	1967
19670093308	Design studies for a radio astronomy explorer /rae/ satellite progress report for apr. 1967	1967
19670093311	A model for jurisprudential investigation - the lawyer as an emerging force in modern jurisprudence	1967
19670093337	Improved resin/glass filament-wound composite monthly letter report, 1-28 feb. 1967	1967
19670093339	Rae project monthly progress report, mar. 1-31, 1967	1967
19670093340	Ground feasibility tests of unity-gain, high- directivity antenna quarterly progress report, 1 feb. - 30 apr. 1967	1967
19670093341	Design studies for a radio astronomy explorer /rae/ satellite progress report, 1-31 mar. 1967	1967
19670093342	Design studies for a radio astronomy explorer /rae/ satellite progress report, 1-28 feb. 1967	1967
19670093344	Advanced experimental thrust chamber monthly progress report, period ending 31 mar. 1967	1967
19670093351	Multidisciplinary Program of Policy Studies in Science and Technology Semiannual Report, 1 Sep. 1966 - 28 Feb. 1967	1967
19670093353	Evaluation of dupont freon tmc solvent	1967
19670093357	Approval tests of arkon products, inc. unicellular foam	1967
19670093358	Stress corrosion cracking of titanium alloys - variation between sheets of ti-8-1-1, effect of heat treatment on velocity, further environmental effects, and mixed potential measurements quarterly progress report, 1 jan. - 31 mar. 1967	1967
19670093359	Quarterly progress report	1967
19670093361	Propellant combustion phenomenon during rapid depressurization quarterly report, 1 jan. - 31 mar. 1967	1967
19670093364	Summary and report of activities for the first quarter period, 1 january to 31 march, 1967	1967
19670093365	Semiannual status report, period january 1 - june 30, 1967	1967
19670093367	Preparation of fluoroelastomers for use with cryogenic storable propellants quarterly report, 1 dec. 1966 - 28 feb. 1967	1967
19670093368	Preproduction and qualification testing of external electric power connecting equipment final report	1967
19670093375	Qualification test of fuel tank fill and drain disconnect assembly dac scn 1a49978-503 and- 505, fairchild hillier corp. stratos-western p/n's 63-541 and 63-363-1, general test plan item no. f-5, model no. saturn s-ivb	1967
19670093380	Pyrotechnic firing with contactless switching	1967
19670093386	Semiannual report, november 1, 1966 to april 30, 1967	1967
19670093417	A study toward development of an automated microbial metabolism laboratory monthly progress report	1967
19670093427	Monthly progress report for the period 3 march to 3 april, 1967	1967
19670093430	Liquid oxygen turbopump study monthly status report, mar. 28 - apr. 28, 1967	1967
19670093431	Semi-annual progress report	1967
19670093432	Detailed final test procedure, isis-a clock oscillator	1967
19670093433	Reflectometer experiment for applications technology satellite - short form system performance test procedure	1967
19670093437	Instability of cylindrical shells with inclined stiffeners final report	1967
19670093439	Spacecraft rocket engine chamber insulation materials quarterly progress report, 1 dec. 1966 - 28 feb. 1967	1967
19670093441	Investigation of rheoexy of nitrogen tetroxide propellant quarterly progress report	1967
19670093442	A study toward development of an automated microbial metabolism laboratory monthly progress report	1967
19670093443	Heat transfer and instability studies of two-phase flow phenomena semiannual progress report, 1 sep. 1966 - 28 feb. 1967	1967
19670093452	Compilation of data covering aircraft servicing facilities aboard aircraft carriers, revision no. 5	1967
19670093461	Development of equations for performance trajectory computation semiannual report	1967
19670093473	Qualification of size ii motor generator	1967
19670093506	Lunar and solar system research semiannual status report, 1 nov. 1966 - 30 apr. 1967	1967
19670093507	Experimental and theoretical study of cavitating hydrofoils in cascade semiannual progress report	1967
19670093521	Evaluation of the cobalt 60 source and source handling system for the quartermaster radiation laboratory	1967
19670093524	Monthly progress report no. 5	1967
19670093528	Saturated hydrocarbon fuel cell program /erdl/	1967
19670093533	Qualification of units for use on the apollo program of semiconductors, diodes, zener, silicon final report	1967
19670093546	Research investigation of the decomposition of composite solid propellants quarterly status letter no. 3, 5 jan. - 5 apr. 1967	1967
19670093582	Solar array drive subsystem quarterly report, 1 dec. 1966 - 28 feb. 1967	1967
19670093601	Study of abundance analysis of stars in the spectral range b5 through g2 semiannual report, 1 nov. 1966 - 30 apr. 1967	1967
19670093605	Operational amplifier	1967
19670093612	Reliability test system extension	1967
19670093658	Quarterly report, 1 february - 1 may 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670093692	Advanced ramjet concepts program monthly progress report, 1-30 jun. 1967	1967
19670093708	Writing guide - technical reports and publications	1967
19670093709	Electron density probe quarterly report, 25 nov. 1966 - 25 feb. 1967	1967
19670093717	Investigation of discharge pressure oscillations in high pressure pumps monthly progress report, 28 apr. - 27 may 1967	1967
19670093723	Dual drogue-disconnect, 21 oct. 1965 - 1 jun. 1966	1967
19670093737	Advanced Engineering Program System and Dynamics Investigation /Aerospike/ Monthly Report, Dec. 1966	1967
19670093755	Prime Ballute Qualification Wind Tunnel Test Report	1967
19670093768	F-4k airplane demonstration planning, progress and data report, volume i - planning and progress	1967
19670093776	Advanced cooling techniques final technical report, feb. 1964 - mar. 1966	1967
19670093777	Investigation of advanced thrust chamber designs monthly progress report, 6 may - 6 jun. 1967	1967
19670093782	Magnetometry Development Quarterly Progress Report for the Period Ending 30 June 1967	1967
19670093790	Applications technology satellite quarterly progress report, 1 mar. - 31 may 1967	1967
19670093791	Investigation of Advanced Regenerative Thrust Chamber Designs	1967
19670093793	Thermally Actuated Gimbal	1967
19670093795	A Study Toward Development of an Automated Microbial Metabolism Laboratory	1967
19670093816	Investigation of magnetospheric physics Final technical status report	1967
19670093837	Static Power Inverter	1967
19670093855	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors quarterly report, 30 sep. - 29 dec. 1966	1967
19670093860	Motor, small fractional hp, induction 115/200 v, 400 cps component test summary	1967
19670093871	Advanced solar simulator design study progress report, 1 jan. - 1 apr. 1967	1967
19670093879	Coaxitron transmitter group for radar set an/aps-96 monthly progress report for apr. 1967	1967
19670093907	Program clutter - a simulation of the effect of penetration aid cutter on missile defense radars	1967
19670093908	Experimental formulation of liquid "b" compound monthly progress report, 1-30 apr. 1967	1967
19670093923	Motor and motor generators, miniature servo motor, 30-109 volts, 400 cycles test report, 15 mar. 1965 - 24 oct. 1966	1967
19670093926	Capacitor - a-c polycarbonate, qualification test report	1967
19670093948	Spray quenching 2219 aluminum	1967
19670093998	Resistor, variable, 1/4 inch wirewound	1967
19670093999	Transformer, blocking oscillator, 7140-152	1967
19670094003	Indicator on light sources, electrical, incandescent, general	1967
19670094004	Status of failure analysis of semiconductors from polaris system quarterly report	1967
19670094008	Evaluation testing of capacitor, solid tantalum	1967
19670094010	Evaluation test on capacitors, fixed, paper dielectric, metalized, type ch04	1967
19670094025	Outer fecal emesis bag final test report	1967
19670094031	Qualification test report of switch toggle, dpst	1967
19670094039	Study of instabilities in high head tandem row inducer pumps interim technical report	1967
19670094040	Coatings for regenerative engines monthly report, jun. 1967	1967
19670094045	A study toward development of an automated microbial metabolism laboratory monthly progress report	1967
19670094057	Qualification tests on batteries, dry, type ba-1312/u	1967
19670094076	Main tank injection pressurization monthly report, 1 may - 15 jun. 1967	1967
19670094082	Apollo/saturn guide for the preparation of specifications. volume i - existing equipment	1967
19670094086	Inverter phase synchronizer type avx-39 final report	1967
19670094101	Surveillance inspection test of capacitor, fixed, glass, molded, lead mount	1967
19670094124	Second source qualification test. synchros - control resolvers	1967
19670094148	Screening test and results on kemet 'p' series polar solid tantalum capacitors	1967
19670094197	Coating, phosphate for ferrous alloys, process specification for	1967
19670094198	Chromium plating, electrodeposited- process specification	1967
19670094214	A light ion mass spectrometer experiment for ogo-e quarterly report, 1 jan. - 31 mar. 1967	1967
19670094218	Release umbilical and dye, marker link assembly	1967
19670094222	Relay 4-pole double throw, 115/200v, 3-phase contacts	1967
19670094231	Heater, water - glycol radiator group i	1967
19670094256	Harness assembly, restraint, crewman	1967
19670094261	Block ii cryogenic storage sub- system-tank assemblies	1967
19670094262	Propellant utilization computers	1967
19670094276	Miniature electrical connector assemblies - specimen no. 8	1967
19670094277	Three-position, three-way manually operated valve assemblies	1967
19670094278	Mission profile - main parachute system p/n dr8058 and dr8059	1967
19670094310	Qualification of texas instruments corp. transistor, type npn, silicon, med. power	1967
19670094311	Qualification of transistor, logic, npn, silicon	1967
19670094313	Qualification of fairchild electronics corp. transistor, type npn silicon, med. power	1967
19670094320	The needs and requirements for a manned space station. volume 5 - biology	1967
19670094326	Evaluation tests on gearheads type x2025-6 and x2025-18	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094361	Investigation of rheopexy of nitrogen tetroxide propellant quarterly progress report, 9 apr. - 9 jul. 1967	1967
19670094362	Advanced pyrolytic spacecraft thrust chamber materials monthly letter progress report, 23 jun. - 22 jul. 1967	1967
19670094363	X-15 full scale ablator application	1967
19670094366	An investigation of nonlinear interaction phenomena in the ionosphere semiannual progress report, 1 jan. - 1 jun. 1967	1967
19670094368	Parameter drift screening test	1967
19670094375	Zinc missile power supply quarterly technical progress report no. 6	1967
19670094376	Qualification test for solderless wirewrap techniques	1967
19670094382	Process development program nitroso rubber terpolymer	1967
19670094414	Advanced valve technology quarterly progress report, 1 apr. - 1 jul. 1967	1967
19670094418	Cold Helium Metal Hose Qualification Test	1967
19670094420	X-15 full scale ablator application monthly progress report	1967
19670094438	Block ii apollo vhf recovery antenna system engineering development test report, 18 oct. 1965 - 21 oct. 1966	1967
19670094443	Basic scientific research in fluid physics semiannual report, dec. 1, 1966 - may 31, 1967	1967
19670094444	Metal, riser, main parachute	1967
19670094447	Qualification test of audio frequency transformer per army ordnance drawing no. 10121675	1967
19670094452	Signal conditioner, low level strain gauge	1967
19670094453	Amplifier, d. c. differential	1967
19670094495	Separation system - hotwire detonator boosted detonating cord	1967
19670094503	Qualification test report for umbilical electrical connectors	1967
19670094534	Chamber technology for space storable propellants monthly progress report, 26 jul. 1967	1967
19670094535	Development of a valid stability analysis method for self-compensating thrust balance systems monthly report, jul. 1967	1967
19670094536	Inducer dynamics - full-flow, full-admission hydraulic turbine monthly report, jul. 1967	1967
19670094537	Study of absorption and radiative coupling in hypervelocity flows quarterly progress report, apr. 25 - jul. 24, 1967	1967
19670094595	Study of the mechanics of non-newtonian fluids quarterly status report, period ending 26 jun. 1967	1967
19670094613	Release, umbilical and dye marker electrically activated	1967
19670094623	Conformal coating evaluation for printed circuit assemblies	1967
19670094625	Reflectometer experiment for applications technology satellite	1967
19670094634	Investigation of Discharge Pressure Oscillations in High Pressure Pumps Monthly Progress Report, 28 May - 27 Jun. 1967	1967
19670094635	The study of detonation phenomena and its possible relation to rocket motor combustion instability status report no. 14, 1 may - 31 jul. 1967	1967
19670094637	Lightweight multilayer insulation system progress report, 1 - 30 jun. 1967	1967
19670094649	LOX Recirculation System Lines	1967
19670094652	Anodic coatings for aluminum alloys process specifications	1967
19670094653	Coating, corrosion resistant for magnesium alloys- process specification	1967
19670094654	Nickel plating, electrodeposited process specification	1967
19670094671	Valve, explosive operated, n. c. helium, 1/4 inch	1967
19670094676	Study of fluid-controlled solid propellant rocket motors /restartable solid, variable pulse /rsvp/ motor/ monthly status report, 1-31 may 1967	1967
19670094684	Qualification of units for use on the apollo program. light sources, electrical, incandescent, general final report, 1 dec. 1964 - 11 jan. 1966	1967
19670094711	Surveillance inspection test on capacitor, fixed, tantalum, solid, hermetically sealed	1967
19670094715	Inverters for motors, study program progress letter no. 2, jul. 10 - aug. 10, 1966	1967
19670094716	Application of plasma dynamics and statistical mechanics to plasma propulsion progress report, jan. 1 - jun. 30, 1967	1967
19670094729	X-15 full scale ablator application monthly report no. 1	1967
19670094734	Apollo/saturn guide for the preparation of specifications, volume ii - new equipment and major modifications	1967
19670094736	Evaluation of furane 8179 epoxy resin	1967
19670094743	Main tank injection pressurization monthly report, 16 jun. 1967 - 30 jun. 1967	1967
19670094749	Tetrafluoroethylene coatings application of specification for	1967
19670094756	Vaneaxial vans	1967
19670094759	Study and preliminary design of 30-foot diameter parabolic antenna for ats-f and g satellite /phase i/ quarterly report, 15 dec. 1966 - 31 mar. 1967	1967
19670094780	Potentiometer, trimmer	1967
19670094806	Component part evaluation report on relays, 1-5 amp, hermetically sealed, 1-30 vdc, sensitive, 6pdt	1967
19670094817	Monthly letter report, jun. 1 - 30, 1967	1967
19670094820	Research in coronal and chromospheric physics semi-annual report, oct. 1, 1966 - mar. 31, 1967	1967
19670094830	Development of a meet disperser technical progress report, 1 - 31 jan. 1967	1967
19670094831	Development of a meet disperser technical progress report, 1 - 31 mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670094838	Monthly status report, jun. 1 - jun. 30, 1967	1967
19670094848	Evaluation testing of single ended vcos. final report	1967
19670094851	Study of atmospheric turbulence and its effect on a vehicle during launch semi- annual reports nos. 6 and 7, mar. 1, 1966 - feb. 28, 1967	1967
19670094853	Development of a meet disperser technical progress report, 1-28 feb. 1967	1967
19670094854	Plastic news report	1967
19670094860	Infrared interferometer spectrometer /iris/ instrument quarterly report, 15 dec. 1966 - 15 mar. 1967	1967
19670094883	Scout s-151c final flight report	1967
19670094884	Technical progress report covering period jun. 1967	1967
19670094885	Technical progress report covering period may 1967	1967
19670094887	Advanced experimental thrust chamber program quarterly progress report for the period ending 31 may 1967	1967
19670094890	Pulse transformer, life test	1967
19670094892	Switch, push button, hermetically sealed	1967
19670094893	Qualification of babcock relays, inc., type br19x	1967
19670094894	Cartridge assembly, electrically initiated, pressure, hot wire	1967
19670094895	Liquid oxygen engine feed line qualification and reliability test report, may 1965 - may 1966	1967
19670094896	Cadmium plating, electrodeposited - process specification for	1967
19670094897	Electronic circuit analysis program	1967
19670094904	Studies of interface damping quarterly report, 25 feb. - 24 may 1967	1967
19670094906	Shock tunnel investigations of turbulent flow at high mach numbers quarterly progress report, 1 jan. - 31 mar. 1967	1967
19670094920	Evaluation of dow corning RTV-860 silicone resin	1967
19670094926	Lithium-nickel fluoride secondary battery investigation	1967
19670094927	Advanced injector concepts investigation informal monthly progress report, 1 jun. - 1 jul. 1967	1967
19670094928	Qualification test of oxidizer tank f11 and drain line bellows	1967
19670094929	Tape, high-silica fabric preimpregnated high-temperature resistant phenolic or phenyl silane and acrylonitrile rubber	1967
19670094930	Pulse width modulator monthly report mar. 1967	1967
19670094931	Low pressure restartable oxygen/hydrogen burner monthly status report, 1-30 jun. 1967	1967
19670094938	Variable thrust space propulsion systems, weight and volume parameters - 100 to 5000 lbs. thrust	1967
19670094961	Performance analysis of composite propulsion systems quarterly letter no. 2, 1 apr. - 30 jun. 1967	1967
19670094981	Sandals, weightless restraint, crewman	1967
19670094983	Liquid propellant thermal conditioning system quarterly progress report, 1 feb. - 30 apr. 1967	1967
19670094984	Flox/methane pump-fed engine study quarterly progress report, 6 apr. - 5 jul. 1967	1967
19670094985	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles monthly progress report, 10 jun. - 9 jul. 1967	1967
19670094995	Surveillance inspection test on capacitor, fixed, tantalum, foil, hermetically sealed, lead mount	1967
19670094999	Qualification of resiweld adhesive r-7614- d, type 1, class 3 under federal specification mmm-a-132 submitted by h. b. fuller company	1967
19670095001	Failure analysis of semiconductors from ssb/n/ 609 surveillance program	1967
19670095002	Model ad0-44	1967
19670095003	Reliability engineering analysis of titan family propellant leakage problems	1967
19670095012	Development of liquid oxygen positive expulsion bladders monthly progress report, jul. 1 - 31, 1967	1967
19670095029	General evaluation of twenty br10sw-2000d1- 26v babcock relays mfd. costa, mesa, california	1967
19670095030	Harrison - laboratories solid state power supply evaluation	1967
19670095031	Lithium-fluorine-hydrogen propellant study monthly progress report, jul. 1967	1967
19670095033	Theoretical and experimental investigation of high energy solar flare radiation and of trapped radiation, including balloon-born semiannual report, feb. 1 - jul. 31, 1967	1967
19670095034	Quick erectable base station antenna final report, 15 feb. - 15 apr. 1967	1967
19670095044	Development of a meet disperser technical progress report, 1 apr. - 30 apr. 1967	1967
19670095045	Qualification of units for use on the apollo program final report	1967
19670095050	Evaluation of plotting compounds for equipment mounts	1967
19670095071	Remote controlled uhf preselector interim report, may 1967	1967
19670095098	Hypersonic ramjet propulsion program monthly progress report, feb. 1967	1967
19670095099	Hydrocarbon scramjet feasibility program progress report, feb. 1967	1967
19670095100	Dual mode scramjet phase ii status report	1967
19670095121	Redeye research and development program monthly report, 1 - 31 april 1967	1967
19670095133	Pressure Transducer Vibration and Shock Fragility Tests	1967
19670095137	General evaluation of 50 each electromechanical relays type 90110301 manufactured by union switch and signal division, westinghouse air brake co.	1967
19670095138	Lo2 pressure transducers, vibration tests. dac scn 1b43324-601h	1967
19670095176	Spectral analysis of a communications relay system using an apollo unified s-band transponder	1967
19670095177	Two-stage bi-propellant injection system studies monthly progress report, 1-30 jun. 1967	1967
19670095180	Direct interconnection of uncased silicon integrated circuit chips	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095182	Glass-fiber-reinforced metallic tanks for cryogenic service monthly progress report, 16 feb. - 15 mar. 1967	1967
19670095183	Lightweight multi-layer insulation system monthly progress report, feb. 1-28, 1967	1967
19670095188	Study of superconductors by means of monochromatic phonons quarterly report, 17 mar. - 15 jun. 1967	1967
19670095189	Critique of pre-publication version of essa report - man's geophysical environment - its study from space - case 600-4	1967
19670095193	Research and design of a practical and economical dielectrophoretic system for the control of liquid fuels under low gravity environmental conditions progress report no. 13, 1 - 31 jan. 1967	1967
19670095203	Studies in the motion of an ensemble of mass particles in the solar system for astronomically significant time intervals semiannual report, 1 jan. - 31 may 1967	1967
19670095204	Promulgation of specific operational requirement no. cc-8.1, lightweight portable facsimile system	1967
19670095205	Exciter, ignition system helium heater, qualification /type 3/ test	1967
19670095206	Basic research on liquid-drop-impact erosion quarterly progress report, 8 mar. - 8 jun. 1967	1967
19670095223	Investigation of positive-type shaft seals quarterly progress report, apr. - jun. 1967	1967
19670095225	Advanced material for high energy fueled rocket engines monthly progress report, 25 may - 25 jun. 1967	1967
19670095226	Stability characterization of advanced injectors progress report, 1 mar. - 1 apr. 1967	1967
19670095228	High frequency combustion instability mathematical analysis monthly progress report no. 7, 27 jul. - 26 aug. 1967	1967
19670095233	An x-ray explorer to survey galactic and extragalactic sources, program definition phase progress report, 26 jul. 1966 - 2 feb. 1967	1967
19670095235	RI10 rocket engine monthly technical report, 1 may - 1 jun. 1967	1967
19670095243	Experimental determination of transport properties of high temperature gases quarterly progress report, dec. 20, 1966 - mar. 20, 1967	1967
19670095244	Investigations of electron emission characteristics of low work function surfaces quarterly report, 28 dec. 1966 - 27 mar. 1967	1967
19670095245	Investigation of resin systems for improved ablative materials quarterly report no. 5, 31 dec. 1966 - 31 mar. 1967	1967
19670095258	Main tank injection pressurization monthly report, 1 mar. - 30 apr. 1967	1967
19670095263	Image dissector camera subsystem, associated ground support equipment, and integration supports for ats quarterly report, 17 aug. - 17 nov. 1966	1967
19670095264	Suprathermal ion detector aboard the ats-1 spacecraft quarterly report, 6 apr. - 6 jul. 1967	1967
19670095266	Qualification of semiconductor device, integrated sense amplifier	1967
19670095268	Investigation of the electromagnetic properties of materials for applications to lasers, masers, and other solid-state devices semiannual status report, 1 dec. 1966 - 31 may 1967	1967
19670095270	Semiannual status report, 1 january through 30 june 1967	1967
19670095281	High frequency combustion instability mathematical analysis monthly progress report	1967
19670095291	Solenoid, push	1967
19670095293	Transformer pulse	1967
19670095295	Coating of electrical and electronic equipment for moisture and propellant protection	1967
19670095300	Mass transfer in hypersonic flows semiannual progress report, 1 feb. - 31 jul. 1967	1967
19670095302	Development and testing of an image tube camera and spectrograph quarterly progress report, 1 feb. - 30 apr. 1967	1967
19670095307	Correlation between solid propellant mechanical properties and explosion effects progress report, 1 - 31 may 1967	1967
19670095329	Effect of additives on the ignition delay time of hypergolic propellants monthly status letter, 5 jan. - 1 mar. 1967	1967
19670095335	Semiannual progress report for the period may 1, 1967 to september 30, 1967	1967
19670095336	Lead telluride non-magnetic bonding research study quarterly report, 1 nov. 1966 - 31 jan. 1967	1967
19670095337	Results of development program for simultaneous video sampling processor system final report, dec. 1965 - nov. 1966	1967
19670095355	Lightweight multi-layer insulation system monthly progress report, 1-31 jan. 1967	1967
19670095357	Studies of the co2 laser semiannual status report, 1 oct. 1966 - 31 mar. 1967	1967
19670095362	Investigation of positive type shaft seals /g. o. 8624/ quarterly progress report, jan. - mar. 1967	1967
19670095363	Turbulence coefficients and stability studies for the coaxial flow of dissimilar fluids semiannual progress report	1967
19670095366	Physiological Responses of Central Vestibular Pathways and Diffuse Ascending Systems to Vestibular Stimulation Progress Report, 1 May 1966 - 30 Apr. 1967	1967
19670095367	Conduct research on the effects of very strong magnetic fields and of magnetic field-free environments on man and animals progress report, 1 feb. - 30 apr. 1967	1967
19670095368	Research and development study on dc to dc converter engineered magnetics model emcr131a quarterly report, 1 dec. 1966 - 1 mar. 1967	1967
19670095369	Amorphous semiconductors quarterly report, 3 nov. 1966 - 2 feb. 1967	1967
19670095370	Advanced material for high energy fueled rocket engines monthly letter report, 25 feb. - 25 mar. 1967	1967
19670095371	Space environment effects on thermal control coatings quarterly progress report	1967
19670095372	Advanced experimental thrust chamber monthly progress report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095380	Peripheral Volume Measurements as Indices of Peripheral Circulatory Factors in Cardiovascular Orthostatic Response Semiannual Progress Report	1967
19670095381	Effect of water properties in thixotropic clay systems on biological activity semiannual report	1967
19670095391	Stability of nonconservative systems semiannual progress report, 1 oct. 1967 - 31 mar. 1967	1967
19670095393	Design, develop and fabricate a prototype temperature measuring system quarterly progress report	1967
19670095402	Rice university suprathreshold ion detector aboard the ats-1 spacecraft quarterly report, 6 dec. 1966 - 6 apr. 1967	1967
19670095406	A rapid access tape format for oceanographic station data	1967
19670095407	The feasibility of reducing costs of air cushion vehicles /acv/	1967
19670095408	A program for estimating static stability characteristics and total power-off drag for sharp and blunt nosed bodies of revolution at supersonic speeds	1967
19670095422	Progress report	1967
19670095424	Characterization of Recombination and Control Electrodes for Spacecraft Nickel-Cadmium Cells	1967
19670095445	Advanced pyrolytic spacecraft thrust chamber materials monthly letter progress report, 23 apr. - 22 may 1967	1967
19670095452	Investigation of advanced thrust chamber designs monthly progress report, 6 apr. - 6 may 1967	1967
19670095453	Hydrogen-fluorine engine evaluation monthly status report, 1 - 28 feb. 1967	1967
19670095455	Coating, nickel phosphorous, electroless - process specification	1967
19670095463	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles monthly progress report, 10 mar. - 9 apr. 1967	1967
19670095466	Stability characterization of advanced injectors monthly progress report, 1 jun. - 1 jul. 1967	1967
19670095467	The b-x - a hypothetical bomber cost study	1967
19670095472	Low thrust solid and hybrid propulsion systems, phase ii monthly status report, 1 - 31 may 1967	1967
19670095473	Design criteria for zero-leakage connectors for launch vehicles quarterly progress report, 1 jan. - 31 mar. 1967	1967
19670095487	Development of non-destructive methods for determining residual stress and fatigue damage in metals monthly progress report	1967
19670095491	Periodic orbits near the critical inclination angle	1967
19670095495	Biweekly flight test for model ra-5c airplanes summary report for period ending 8 jul. 1967	1967
19670095500	Development of computational techniques for the identification of linear and nonlinear mechanical systems subject to random excitation quarterly progress report	1967
19670095506	Advanced nitroso polymers, 28 february - 27 may 1967	1967
19670095509	Pressure cartridge, drogue and main parachute disconnect	1967
19670095510	Qualification report of filter, 2234371 to specification ws 4460 and buweps drawing 2234371	1967
19670095525	Qualification test for hot gas temperature transducer dac scn 1b64968-1 and -503	1967
19670095527	Charge, explosive train, me 453-0026 types va, via, vii a, viii a, ixa	1967
19670095534	The discovery of the supreme ultimate sphere the hsuan-chi jade traverse armillary sphere - the controlling principles of origins and movement of the universe in three-dimensional astronomy, or the laws of the movement of antiparticles	1967
19670095538	The pest phenomenon in intermetallics quarterly report	1967
19670095540	Solid state image intensifiers monthly technical engineering report, 1-31 dec. 1966	1967
19670095542	Qualification test of stc 2n2881	1967
19670095543	Development of a rapid stress corrosion test for aluminum alloys quarterly progress report, 1 mar. - 1 jun. 1967	1967
19670095547	High frequency combustion instability mathematical analysis monthly progress report	1967
19670095550	Study of reduced problems of three and four bodies in connection with cislunar trajector- ies quarterly report	1967
19670095552	Mass flow measurement research quarterly status report, 1 jan. - 31 mar. 1967	1967
19670095553	Combustion and combustion instability monthly letter progress report for may and jun. 1967	1967
19670095554	To instrument a rocket borne high resolution uv spectrometer quarterly progress report, 1 jan. - 31 mar. 1967	1967
19670095561	Laser scan filtering technique	1967
19670095562	Nasa general purpose structural analysis program quarterly reports, 1 jan. - 1 jul. 1967	1967
19670095563	Study of absorption and radiative coupling in hypervelocity flows quarterly progress report, 25 apr. - 24 jul. 1967	1967
19670095564	The development and characterization of new storable propellant bladder materials monthly progress report no. 14, 10 aug. 1967	1967
19670095566	Qualification report of capacitor 10211592 to specification mil-c-27287 and amicon drawing 10211592	1967
19670095572	Quarterly report	1967
19670095575	Vidar 520-01 digital voltmeter evaluation	1967
19670095578	Evaluation of a silicon rectifier in a plastic package /semicon inc. si-600-e/	1967
19670095579	Concerning the interpretation of vertical profiles of velocity near the bottom in ocean and atmosphere and the shearing stress of wind on water surfaces uber die interpretation bodennaher vertikaler geschwindigkeitsprofile in ozean und atmosphere und die windschubspannung auf wasseroberflachen	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095582	Redistribution of body fluids, tissue components and renal function during non-active states progress report, 15 sep. 1966 - 31 may 1967	1967
19670095583	Dc motor report part no. 10151281	1967
19670095584	Effect of heat on strength of 2219 aluminum	1967
19670095586	Research program to extend cascade data to liquids and higher inlet angles monthly hlv progress report, 31 jul. - 31 aug. 1967	1967
19670095587	Results of tests on type ii adhesive backed pressure sensitive decals submitted by national decalcomania corporation for testing under specification mil-d-8634b qualification program	1967
19670095588	Study of random wave phenomena in hypergolic propellant combustion interim report	1967
19670095595	Impact of shell-type structures with continuous media semiannual status report, 1 oct. 1966 - 31 mar. 1967	1967
19670095602	Volume i - design, develop and fabricate a model of a serpentuator final report, 23 feb. 1966 - 6 jan. 1967	1967
19670095603	An investigation of the influence of cyclic prestressing on fatigue of metals progress report	1967
19670095604	Study of failure and reliability in microelectronic devices quarterly report	1967
19670095607	Study of the use of vapor and vacuum techniques for the development of high strength filamentary materials quarterly report, 22 nov. 1966 - 21 feb. 1967	1967
19670095608	Laboratory simulation of the interaction between the solar wind and the magnetosphere progress report, 15 jul. - 15 aug. 1967	1967
19670095609	Investigation of tandem row high head pump inducers progress report, 1 mar. - 15 apr. 1967	1967
19670095612	Qualification test report on transistors	1967
19670095613	Evaluation report, conelco components variable resistor, p/n 0370I-1-1k	1967
19670095636	Qualification tests on hot gas temperature transducers. dac scn 1b64968-1	1967
19670095637	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles quarterly progress report, 10 feb. - 9 may 1967	1967
19670095641	Studies in impact elongation, overcoating procedures, corrosion and humidity resistance of special epoxy polyamide coating systems	1967
19670095646	Evaluation of silicone moisture proofing for titan ii wire terminations	1967
19670095649	Test and evaluate the oscar fisher miniscomat film and paper processor, serial number 19672, model a final report	1967
19670095651	Association storing processor, volume ii final report, 17 feb. 1965 - 17 mar. 1965	1967
19670095652	Association storing processor, volume i final report, 17 feb. 1965 - 17 mar. 1967	1967
19670095653	Automatic film titling system test report	1967
19670095654	Joining aluminum to copper without clamps for electrical connection	1967
19670095658	Qualification of units for use on the apollo program final report	1967
19670095660	Qualification test report, solderless wrap wiring technique	1967
19670095663	Main tank injection pressurization monthly progress report, 1-28 feb. 1967	1967
19670095667	System analysis of gelled space storable propellant monthly progress report, 3 jun. - 3 jul. 1967	1967
19670095668	Solid propulsion engineering development plan monthly status report, 3 may - 3 jun. 1965	1967
19670095670	Feasibility study of thermoelectric control of space vehicle thermal environment quarterly report	1967
19670095673	Qualification test of la60984-503 valve, check, 1/4 inch, 6000 psi	1967
19670095677	Qualification test report of bliss-eagle signal	1967
19670095678	Report of qualification test on bg289gi gyro display coupler	1967
19670095680	Improvement of efficiency and life of expulsion baldders and diaphragms monthly status letter, aug. 1967	1967
19670095681	Spacecraft rocket engine chamber insulation materials monthly progress report, 31 aug. 1967	1967
19670095682	Integrated circuit, logic gate	1967
19670095684	Stability characterization of advanced injectors monthly progress report	1967
19670095685	Advanced material for high energy fueled rocket engines monthly letter report	1967
19670095692	Advanced engineering program, system and dynamics investigation /aerospike/ monthly report, may 1967	1967
19670095693	Hydrogen-fluorine engine evaluation quarterly progress report, 1 apr. - 30 jun. 1967	1967
19670095698	Advanced engine /aerospike/ design study and experimental investigation monthly report, 1 - 31 may 1967	1967
19670095699	Hydrogen-fluorine engine evaluation monthly progress report, 1 - 31 may 1967	1967
19670095701	Advanced engineering program system and dynamics investigation monthly report, 1 - 30 jun. 1967	1967
19670095704	Hydrocarbon fueled scramjet quarterly report, 1 jan. - 31 mar. 1967	1967
19670095705	Scramjet engine test program and application studies quarterly report, 1 jan. - 31 mar. 1967	1967
19670095706	Surveyor High Performance Spherical Rocket Engines	1967
19670095708	A study toward development of an automated microbial metabolism laboratory monthly progress report	1967
19670095709	Correlation between solid propellant mechanical properties and explosion techniques progress report, 1-30 apr. 1967	1967
19670095712	The development and characterization of new storable propellant bladder materials month progress report, 29 may - 30 jun. 1967	1967
19670095714	Status report, september 1, 1966 - february 28, 1967	1967
19670095719	Summaries of progress in supporting research and technology oart, omsf, ossa, and otda, august 15, 1966 - february 15, 1967, volume 2	1967
19670095723	Potentialites of proteinoids for nutritional investigation	1967
19670095724	Crack initiation and crack propagation in structural metal alloys final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095725	A study of the adhesion and cohesion of metals quarterly progress report, 9 mar. - 9 jun. 1967	1967
19670095729	Qualification report of capacitor 10211135 to specification mil-c-5c and amicon drawing 10211135	1967
19670095730	Chamber technology for space storable propellants program plan and estimated progress schedule	1967
19670095731	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report, 5 jul. - 5 aug. 1967	1967
19670095756	Saturn v sa-502 launch vehicle guidance and navigation error analysis	1967
19670095757	Advanced engine /aerospike/ design study and experimental investigation monthly status report, apr. 1967	1967
19670095768	Rocket and laboratory experiments and analysis on the ultraviolet spectra of the upper atmosphere semiannual status report, 1 feb. - 30 jul. 1967	1967
19670095769	Lead telluride non-magnetic bonding research study quarterly report, 1 feb. - 30 apr. 1967	1967
19670095780	Experimental formulation of liquid "b" compounds monthly progress report, 1-31 jul. 1967	1967
19670095799	Summary of corrective action and comments relative to deficiencies enumerated in the bis final report of service acceptance trials of the model e-2a aircraft	1967
19670095800	Experimental formulation of liquid "b" compounds monthly progress report, 1-31 aug. 1967	1967
19670095803	Buncher for a relativistic particle beam	1967
19670095804	Markings, vehicleborne and ground electronic equipment, processes for application of, and specification for	1967
19670095807	Model 605a	1967
19670095808	Size 8 d. c. motor	1967
19670095810	Investigation of boundary layer transition progress report, 1 jan. - 31 mar. 1967	1967
19670095811	Application of hydrogen bacteria to bioregenerative life support systems - growth of hydrogenomonas eutropha in urine quarterly progress report, 20 nov. 1966 - 20 feb. 1967	1967
19670095825	Supporting research and technology oart, omsf, ossa, and otda, volume 7 summary progress report, 15 aug. 1966 - 15 feb. 1967	1967
19670095826	Advanced mission analysis quarterly report, 1 dec. 1966 - 28 feb. 1967	1967
19670095827	Plasma and space physics progress report, 1 feb. - 31 jul. 1967	1967
19670095828	An advanced brushless dc torque motor quarterly report, 30 dec. 1966 - 30 mar. 1967	1967
19670095830	Study of interplanetary dust semiannual status report, sep. 15, 1966 - mar. 15, 1967	1967
19670095832	Study of spark temperature measurements as a means of deducing static temperature semiannual progress report, 1 nov. 1966 - 30 apr. 1967	1967
19670095834	Study, fabrication, and testing of a foil bearing rotor support system quarterly report, period ending 15 may 1967	1967
19670095839	Advanced injector concepts investigation quarterly progress report, 1 mar. - 1 jun. 1967	1967
19670095842	Advanced valve technology monthly progress report, 1 feb. - 1 mar. 1967	1967
19670095845	Qualification tests on general electric type 2n1597 silicon rectifiers	1967
19670095859	Oxygen difluoride research study quarterly report, jan. 1 - mar. 31, 1967	1967
19670095869	Menard - Pesta Cryogenic Sampler	1967
19670095879	Summaries of progress in supporting research and technology, oart, omsf, ossa, and otda, august 15, 1966 - february 15, 1967, volume 3	1967
19670095889	Manned space flight emergency concepts monthly progress report, period ending 7 jul. 1967	1967
19670095890	High level acceleration test of r2053 filters relay	1967
19670095891	A study of hydrogen slush and/or hydrogen gel utilization contract nas 8-203042, mod. 1 quarterly progress report	1967
19670095893	Qualification, Bellows, Lo2 Tank Fill and Drain Line Dac Scn 1a49972-50/	1967
19670095894	Soldering, Dip, Printed Circuit Board Assembly - Process Specification for	1967
19670095895	Coating Compound, Strippable Plastic - Specification for	1967
19670095896	Sealing Compound, Electrical, Catalyzed Rtv Silicone Rubber, Application Of- Specification	1967
19670095897	Qualification test report, block ii vhf recovery antenna system v36-716600-11 and v36-716645	1967
19670095908	Qualification testing of relays	1967
19670095910	Passivation of stainless steels - process specification	1967
19670095911	Stress-corrosion cracking of titanium alloys quarterly progress report, jul. - sep. 1967	1967
19670095916	Report of operations with the bunker-ramo recon system	1967
19670095920	Evaluation of psc 240	1967
19670095945	Report of qualification test on solid state timer - ti p/n-584076-1, ltv p/n 23003445-1	1967
19670095946	Test data transmittal - oxygen impact testing - non-metallic materials	1967
19670095947	Nimbus b program milestone schedules report fiscal week, 15, 1967	1967
19670095948	Cyclic flaw growth in 2014-t62 aluminum and 6al-4v /eli/ titanium quarterly progress report, 1 apr. - 30 jun. 1965	1967
19670095949	Study of dynamic and static seals for liquid rocket engines monthly progress report, 1 aug. - 3 sep. 1967	1967
19670095950	Investigation of spectra in the vacuum uv and soft x-ray region semiannual status report, 1 mar. - 31 aug. 1967	1967
19670095951	Nimbus b program milestone schedules report fiscal week, 19, 1967	1967
19670095952	Improvements in liquid hydrogen turbopumps monthly progress report for period ending 17 may 1967	1967
19670095954	Results of tests on type ii adhesive backed pressure sensitive decal submitted by national decalomania corporation for testing under specification mil-d-8634b qualification program	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670095955	Research into fundamental phenomena associated with spacecraft electrochemical devices - calorimetry of nickel-cadmium cells progress report, 1 jan. - 31 mar. 1967	1967
19670095957	Solar-cell integral cover-glass development progress report, 10 feb. - 31 may 1967	1967
19670095958	Contract quarterly performance report	1967
19670095960	Qualification test report, valve assembly, solenoid operated eps radiator, nwl model 3498-1 and 3499-1, volume i	1967
19670095962	Pressure cartridge, drogue and main parachute disconnect, naa ma 0208-0045, ma 0408-0052 /naa part nos. v36-596006-51 and v36-596007-51/	1967
19670095964	Transient thrust and total impulse measurement	1967
19670095965	Study for development of improved char forming heat shields monthly status report, 1-31 jan. 1967	1967
19670095971	Metallizing of Plastic Laminates - Process Specification	1967
19670095975	Design criteria for space propulsion systems monthly progress report, period ending 13 may 1967	1967
19670095976	Studies of photosynthetic halophiles from owens lake quarterly progress report, 14 jun. - 14 sep. 1967	1967
19670095978	The design and build of a gas bearing gyroscope possessing high "g" and sterilization capability and utilizing a low power gas bearing spinmotor and high frequency pump quarterly progress report, 1 apr. - 30 jun. 1967	1967
19670095988	Qualification testing of octagon process, inc 's formulae f2033, type i and f2034, type ii under specification mil-c-19853a /uep/ carbon removing compound, agitated tank	1967
19670095990	Qualification testing of d and b chemical company inc.'s b and b 120s under specification mil-c-19853a /wep/, carbon removing compound, agitated tank	1967
19670095991	Qualification of ms21045-10, ms20365-720c, ms21044d10, ms21083b5 self-locking hex nuts	1967
19670095992	Destructive burst pressure testing with model 8258 lem weld samples at elevated temperatures	1967
19670095997	Thrust termination and destruct safe and arm device reliability test evaluation	1967
19670095998	Qualification testing of pennsalt chemicals corporation's formulate 746a, type i and 746b, type ii under specification mil-c-19853a /wep/, carbon removing compound, agitated tank	1967
19670095999	Evaluation of sprayable, strippable protective coating, product no. d-5000, manufactured by the dyna-therm chemical corporation	1967
19670096002	Rectifier-silicon-plastic package, reliability evaluation /erie ed 3006b/	1967
19670096003	Switch, push button, hermetically sealed	1967
19670096004	Qualification Test Report of Relays	1967
19670096012	Crewman optical alignment sight /coas/	1967
19670096035	Qualification tests of aviation electric limited three-inch gyro horizon indicator final report	1967
19670096042	Investigation of Cavitation Inception	1967
19670096043	Lightweight Multi-Layer Insulation System	1967
19670096049	Molecular Beam Surface Interaction	1967
19670096050	Crewman optical alignment sight /coas/	1967
19670096051	Quarterly Progress Report, 24 March - 23 June 1967	1967
19670096065	Qualification test of apollo block ii sps propellant sump tank	1967
19670096073	A diary of the shiran flight test	1967
19670096083	Lambda type lm power supply evaluation	1967
19670096084	Lithium-fluorine-hydrogen propellant study monthly progress report, jun. 1967	1967
19670096089	Graphical man/machine communications semiannual technical report for period ending 15 may 1967	1967
19670096091	R110 rocket engine monthly technical report, 1 jul. - 1 aug. 1967	1967
19670096092	A field effect transistor amplifier for space vehicle application	1967
19670096096	Advanced valve technology monthly progress report, 1 may - 1 jun. 1967	1967
19670096098	Qualification report of transistor 10214708 to specification mis 15108 and amicom drawing 10214708	1967
19670096100	Apollo semiconductor device, transistor n.p.n. silicon, medium power fairchild scd 1006752	1967
19670096103	Model 1619	1967
19670096104	Evaluation of metallized polycarbonate capacitors	1967
19670096107	Qualification testing on a filter, electrical, 300-3000 kc, band pass	1967
19670096108	Surveillance inspection test on semiconductors, transistors, power /larger than 1 watt/ silicon, npn	1967
19670096109	Surveillance inspection test on semiconductor, diodes, general purpose, silicon	1967
19670096111	Development and qualification of improved fluid connectors technical progress report, aug. 1967	1967
19670096112	Study of stress-corrosion cracking of aluminum alloys bimonthly progress report no. 5, 6 dec. 1966 - 5 feb. 1967	1967
19670096113	Technical status report, february 4 - may 4, 1967	1967
19670096114	SLA VHF Antenna Assembly	1967
19670096118	High acceleration tests of the r2091-r3211 s.e. sensitive relays	1967
19670096119	Evaluation of burndy's minilok terminal block	1967
19670096120	Capacitor requalification	1967
19670096126	Scramjet thermal protection program progress report, 1 jun. - 30 jun. 1967	1967
19670096134	Ionospheric investigations within situ probes semiannual report, 1 nov. 1966 - 30 apr. 1967	1967
19670096136	Solid state image intensifiers monthly report, 1 - 31 mar. 1967	1967
19670096137	System analysis of gelled space-storable propellant monthly progress report, 4 aug. - 3 sep. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096139	Investigations into the mechanism and rates of atmospheric mixing in the lower thermosphere semiannual status report for period ending 15 sep. 1967	1967
19670096144	Investigation of rheopexy of nitrogen tetroxide propellant monthly progress report, 9 apr. - 9 may 1967	1967
19670096148	Foam, Electrical, Silicone Rubber Foam-In- Place, Application Of-Specification	1967
19670096152	Cartridge assembly, electrically initiated pressure, hotwire, type 200	1967
19670096153	Advanced pyrolytic spacecraft thrust chamber materials quarterly progress report, 23 mar. - 22 jun. 1967	1967
19670096165	Qualification report of transformer 2234492 to specification ws 4460 and buweps drawing 2234492	1967
19670096166	Dispersion-strengthened chromium alloys interim report	1967
19670096171	Study of dynamic and static seals for liquid rocket engines quarterly report, 1 apr. - 1 jul. 1967	1967
19670096173	Sterilizable wide angle gas bearing gyro fgg334s quarterly progress report, 15 jan. - 30 jun. 1967	1967
19670096178	Mercury contamination within defective aluminum honeycomb panels returned from service	1967
19670096179	A summary of the state-of-the-art in microfilm document storage and retrieval systems	1967
19670096182	Component evaluation on brake, electric, disc, metal	1967
19670096186	Theoretical research - electronic, ionic, and atomic impact phenomena quarterly progress report, 16 jun. - 15 sep. 1967	1967
19670096194	Advanced valve technology monthly progress report, 1 aug. - 1 sep. 1967	1967
19670096201	Analytical study of catalytic reactors for hydrazine decomposition quarterly progress report, 15 apr. - 14 jul. 1967	1967
19670096206	Loft low frequency orbiting radio telescope technology development progress letter report, 17 jun. - 17 jul. 1967	1967
19670096216	Development program manual /hydraulic systems/	1967
19670096221	Research program to extend cascade data to liquids and higher inlet angles monthly progress report, 28 jun. - 31 jul. 1967	1967
19670096222	Photochromic materials for optical recording and processing progress report, 1 jan. - 4 apr. 1967	1967
19670096223	Two Inch, Pneumatically Operated "y" Pattern Globe Valve, Dac Scn 7864252-511	1967
19670096228	Nls x-1 digital voltmeter evaluation	1967
19670096230	Scramjet thermal protection program progress report, 1 may - 31 may 1967	1967
19670096239	Progress of Research on an Investigation of Tandem Row High Head Pump Inducers	1967
19670096246	Specification hh-i-595a qualification test results on the united chemicals, inc. tape designated united number28	1967
19670096250	Quarterly progress report, period ending 4 august 1967	1967
19670096251	Development of a system for biaxial prestressing brittle material, volume 1 quarterly report, 6 jun. - 31 aug. 1967	1967
19670096263	Qualification test of 100 transistors, motorola part number 48-21431g01	1967
19670096264	Study for development of improved char-forming heat shields monthly status report, 1-31 mar. 1967	1967
19670096265	Gold-cobalt alloy, electroplating materials - specification	1967
19670096267	Advanced valve technology monthly progress report, 1 jul. - 1 aug. 1967	1967
19670096275	Simulated fuel tank internal environment investigation, model I-2000	1967
19670096277	Geos command subsystem technical advisement memorandum 106-1	1967
19670096278	Flox/methane pump-fed engine study monthly progress report	1967
19670096279	Coatings for regenerative engines monthly report	1967
19670096281	Lithium-fluorine-hydrogen propellant study monthly progress report	1967
19670096283	Dynamic analysis of the reaction control rocket engines and propellant system of the lunar module using digital computer methods	1967
19670096284	Aberrations of radio signals traversing the auroral ionosphere progress report, 1-13 may 1967	1967
19670096288	Thread and Lacing, Glass Fiber Specification for 0-73034	1967
19670096299	Platform electronics package omega position location equipment /ople/ quarterly report, 1 apr. - 30 jun. 1967	1967
19670096300	Advanced mission analysis quarterly report, 1 mar. - 31 may 1967	1967
19670096302	Surveillance inspection test on semiconductors diodes, voltage reference, /not zener/, silicon	1967
19670096303	Rectifier - silicon - plastic package - reliability evaluation /semtech sc ss 1527/	1967
19670096306	Technical progress report, covering period july 1967	1967
19670096308	Advanced experimental thrust chamber program quarterly progress report, period ending 31 aug. 1967	1967
19670096309	Electro-polishing, Metals Process Specification for	1967
19670096310	Hydrogen safety progress report, 1 jan. - 31 mar. 1967	1967
19670096312	Creep at elevated temperatures and high vacuum semiannual report, 1 nov. 1964 - 1 may 1965	1967
19670096318	Study of interference aspects of fresnel region phenomena. volume ii - handbook for near field computations final report	1967
19670096320	Development program manual. propulsion system. usaf series xb-70a aircraft	1967
19670096322	Study and experimental work on atomic collision processes occurring in atmospheric gases technical progress letter 48, 21 feb. - 31 mar. 1967	1967
19670096325	Nimbus b program milestone schedules report - fiscal week 23, 1967	1967
19670096326	Design and fabrication of an analog voltage to duty cycle generator interim progress report	1967
19670096327	260-inch motor reliability study monthly progress report, 17 jun. - 14 jul. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096329	Loft low frequency orbiting radio telescope technology development progress letter 8a, 17 jun. - 17 jul. 1967	1967
19670096331	Qualification evaluation of bliley crystal /2.048 mhz/	1967
19670096333	Investigation of advanced thrust chamber designs monthly progress report, 6 jun. - 6 jul. 1967	1967
19670096335	Atlas/centaur improvements, performance and costs	1967
19670096336	Semiannual status report, 1 february - 31 july 1967	1967
19670096338	Hydraulic system temperature control thermal switch /rvu-37a/ reliability verification test	1967
19670096340	Cold helium solenoid valve, p/n 1b43660-505, qualification tests	1967
19670096341	Evaluation test procedure, resistors /frss/	1967
19670096347	C-12 gyrosyn compass system reliability demonstration final report	1967
19670096354	Coating on electronic assemblies, application of epoxy resin - process specification for	1967
19670096356	Semiconductor materials interim engineering report, 1 apr. - 31 jun. 1967	1967
19670096358	Liquid oxygen pre-valve, dac p/n 1a49968-509, design qualification test	1967
19670096359	Cornell-nrl high-energy pulse line project progress report	1967
19670096361	Bibliography on epoxy plastics	1967
19670096362	Design analysis and performance evaluation on electrical contacts for space vehicles interim report, 1 apr. - 30 jun. 1967	1967
19670096363	Thermodynamic improvements in lh2-turbopumps monthly status report, period ending 17 aug. 1967	1967
19670096365	Stability characterization of advanced injectors quarterly progress report, 1 jun. - 1 sep. 1967	1967
19670096366	Evaluation of high temperature gas transport properties quarterly progress report, 30 mar. - 30 jun. 1967	1967
19670096367	Application and flight test of the martin x-15-2 thermal protection system monthly progress report	1967
19670096371	Qualification of resistor, temperature sensitive, wafer	1967
19670096372	Amorphous semiconductors quarterly report, 3 feb. - 2 may 1967	1967
19670096374	Conical, shaped charged initiation and penetration test	1967
19670096375	High-altitude sampler development program semiannual technical summary report, 20 nov. 1966 - 31 may 1967	1967
19670096377	Monthly progress report, period ending september 2, 1967	1967
19670096380	The investigation of vertebral injury sustained during air crew ejection - further studies in the dynamic strength of vertebrae quarterly progress report	1967
19670096381	Evaluation program for secondary spacecraft cells. acceptance test of general electric company 6.0 ampere hour sealed nickel-cadmium cells	1967
19670096385	High temperature electrical and electronic wiring and interconnections final report	1967
19670096386	Spin-despin study monthly letter report, 21 jun. - 31 jul. 1967	1967
19670096387	Electron-gamma and neutron irradiation testing of voltage rectifier ur-210	1967
19670096394	Model ado-43	1967
19670096396	Integrated circuit, logic gate	1967
19670096397	Filters, gas, 5 micron, 3/4 inch, design qualification test. dac scn 1b53268-501 and -507	1967
19670096398	Qualification test, filter, n2 04, 5 micron, p/n 1b50622-501	1967
19670096403	Rectifier-silicon-plastic package-reliability evaluation /i. r. c. ar51/	1967
19670096404	Solid state image intensifiers monthly technical engineering report, 1-30 apr. 1967	1967
19670096408	Electron-gamma and neutron irradiation testing of ceramic capacitors	1967
19670096413	Qualification reporting of chem seal corporation compound cs-3201 b2 tested in accordance with the qualification requirements of military specification mil-s-7124a, interim amendment-1, class b2	1967
19670096414	Thermal protective coating system, application of, specification for	1967
19670096417	An experimental investigation of spin-lattice interaction semiannual status report	1967
19670096418	System safety document accessions list	1967
19670096419	Fluorine-hydrogen performance investigation program monthly progress report, 27 jul. - 26 aug. 1967	1967
19670096420	Study of cryogenic propellant stratification reduction techniques monthly progress report, 1 - 31 aug. 1967	1967
19670096431	Qualifications test, valve, hand, 4-way, p/n 1b64521-1	1967
19670096432	Heat treatment of aluminum alloy 7075 to the t73 temper, process specification for	1967
19670096440	Evaluation of sprague electric company ceramic dielectric capacitor, type z62c	1967
19670096447	Target, lem active docking	1967
19670096448	Development of a high strength aluminum alloy, readily weldable in plate thickness, and suitable for application at -423 f /-253 c/ progress report, 1-31 may 1967	1967
19670096449	Manned space flight emergency concepts monthly progress report, period ending 9 aug. 1967	1967
19670096451	Crystal growth, defects, and electronic properties of defects	1967
19670096452	Investigation of advanced regenerative thrust chamber designs monthly report, 16 jun. - 16 jul. 1967	1967
19670096453	Geos a short arc orbital data reduction and analysis quarterly progress report, 20 mar. - 20 jun. 1967	1967
19670096456	Rainbow system cobol file maintenance and information retrieval system /users manual/ final report, part i/a/	1967
19670096457	Development program manual, fuel systems. usaf series xb-70a aircraft	1967
19670096458	Compatibility of selected materials with concentrated hydrogen peroxide	1967
19670096462	High temperature strain gage pressure transducers, qualification test p/n 1b32291-1	1967
19670096482	Model ra-5c airplanes biweekly flight test summary report no. 325, period ending 29 apr. 1967	1967
19670096488	Weight history of the sst configuration evolution	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19670096490	Qualification test of 80 silicon diodes, motorola part no. 48-21469602, supplied by fairchild semiconductor	1967
19670096492	Design criteria for space propulsion systems	1967
19670096498	Precleaning of hydrogen peroxide bottle components - process specification for	1967
19670096502	Quarterly report, 10 may - 10 august 1967	1967
19670096505	Saturn 1b mission plan and technical checklist.	1967
19670096512	[No Title]	1967
19670096513	[No Title]	1967
19670096516	Feasibility evaluation of toroidal combustion chamber monthly progress report, 1-31 aug. 1967	1967
19670096526	Advanced ramjet concepts program progress report, 1-31 aug.	1967
19670096549	S-iv activity report, period 25 nov. - 15 dec. 1962	1967
19670096552	S-iv activity report, period 24 sep. - 7 oct. 1962	1967
19670096560	Experimental formulation of liquid "b" compound monthly progress report, 1-31 may 1964	1967
19670096570	Report on qualification test on b6285g1 electronic display assembly	1967
19670096577	Lambda electronics corp. solid state power supply	1967
19670096578	Electromagnetic interference test report for p100a apollo control programmer	1967
19670096579	Valves, Relief, 2 Inch, P/N 1B41879-1 Design Qualification Tests	1967
19670096581	Cleanness criteria for noncritical components	1967
19670096587	Qualification of semiconductor device, integrated sense amplifier	1967
19670096597	Elemental and isotopic studies of lunar materials progress report, 1 mar. - 31 aug. 1967	1967
19670096598	Evaluation of magma coatings and chemical corporation's laminar x-500 polyurethane finish	1967
19670096599	Development program manual /flight control systems/	1967
19670096600	Production engineering measure for capacitors, electrolytic, aluminum high reliability quarterly report, 21 mar. - 20 jun. 1967	1967
19670096604	Qualification reporting of the products research and chemical corporation compound pr-1221 a-1/2 tested in accordance with the qualification requirements of military specification mil-s-7124a, interim ammendment- 1, class a-1/2	1967
19670096605	Production engineering measure for ceramic filters quarterly report, 30 mar. - 29 jun. 1967	1967
19670096606	Qualification report of integrated circuit 2234494 to specification ws 4486 and buweps drawing 2234494	1967
19670096608	Qualification of m-329/2324 system, type ii, a type ii adhesive under federal specification mmm-a-132 submitted by whittaker corporation, narmco materials division	1967
19670096610	Report of qualification tests on interior floodlight fixtures /block ii/ in accordance with microdot test procedure no. a425-0582 and north american aviation, inc. s and id specification mc434-0014e and pdc-1a dated 16 december 1966	1967
19670096611	Test results on coast pro-seal and manufacturing company compound pro-seal 894 b-1/2 in comparison with the qualification requirements of military specification mil-s- 7124a, interim ammendment-1, class b-1/2	1967
19680000560	Partial stationarity as a compatibility criterion for overdetermined systems of ordinary differential equations, related to non-differential constraints	1967
19680000578	A stop-start study of solid propellants Final technical report, 13 Sep. 1966 - 13 Nov. 1967	1967
19680000580	The mechanical fundamentals and applicational modes of inertial navigation	1967
19680000588	Viscosity changes in the cytoplasm during the first developmental stages in the frog egg	1967
19680000592	A moving-belt ground plane for wind-tunnel ground simulation and results for two jet-flap configurations	1967
19680000611	Electricity of the free atmosphere	1967
19680000613	[Research on a Self-Temperature Regulating Spacecraft Skin System] Final Report on NsG-454 for 1 Dec. 1966 - 31 Jul. 1967]	1967
19680000630	Impurities and interface states in the SiO ₂ /Si system Final report	1967
19680000636	Effect of cover gas pressures on accelerated cavitation damage in sodium	1967
19680000667	The significance of intestinal bacteria for nutrition 2	1967
19680000673	Astrobee 1500 flight 16.05 US instrumentation and calibration data	1967
19680000692	Boundary layer effect on flat panel flutter at low supersonic speeds	1967
19680000708	Investigation of compressed gas dispersion in relation to its applicability in gas turbine engines	1967
19680000740	Burner 2 hybrid propulsion study	1967
19680000754	An evaluation of sea surface temperature as measured by the Nimbus 1 high resolution infrared radiometer	1967
19680000759	Electronic aspects of the mechanisms of the lethal and mutagenic action of ultraviolet light	1967
19680000868	Spectrophotometric Determination of Platinum 4 by Solvent Extraction with 1, 10- Phenanthroline-Iron 2 Chelate	1967
19680000900	Transient chilldown of a single thick-walled tube by liquid and gaseous hydrogen	1967
19680000912	Free-flight aerodynamic characteristics of a slender cone between Mach numbers of 7 and 8	1967
19680000916	Contamination control principles	1967
19680000929	Manned Space Flight: Projects Mercury and Gemini	1967
19680000939	Rib-reinforced plates and shells	1967
19680000951	Spectrophotometric determination of boron in rocks by extraction with methylene blue tetra fluoroborate complex	1967
19680001035	Design of two electromagnetic pumps	1967
19680001038	Development of Non-Flammable Fabric Constructions for Space Flight	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680001069	Lunar Orbiter 3 - Appendices	1967
19680001093	Investigation of radiant heat transfer to particle-seeded gases for application to nuclear rocket engine design	1967
19680001106	Dynamic stability of space vehicles. Volume 4 - Full scale testing for flight control parameters	1967
19680001160	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680001178	Implosively accelerated shock tube driver	1967
19680001179	The applications technology satellite image dissector camera experiment	1967
19680001180	Computer driven electroluminescent vertical scale indicator	1967
19680001206	Microwave spectroscopy of molecules - Bibliography, 1964-1966	1967
19680001238	Lunar Orbiter 4 - Appendices	1967
19680001469	The Mariner 4 flight path and its determination from tracking data	1967
19680001478	Hypergolic ignition and combustion phenomena in the propellant system AeroZINE-50 N204 Final report, Apr. 1, 1965 - Mar. 31, 1967	1967
19680001503	Static and dynamic analysis of the cryogenic propellant loading system, volume 1	1967
19680001518	Project Night Cameras	1967
19680001586	Dynamic stability of space vehicles. Volume 6 - Full scale dynamic testing for mode determination	1967
19680001676	Charts for equilibrium isentropic expansion of air behind shocks up to 50000 feet per second /15.24 kilometers per second/	1967
19680001726	Cavity Reactor Critical Experiment, Volume 1 Final Report	1967
19680001796	Voyager thermal insulation systems, phase 2 Summary report	1967
19680001828	The results of long-term storage tests for compatibilities of spacecraft materials with hydrazine and hydrazine mixtures	1967
19680001842	Infrared Spectra of Molecules and Materials of Astrophysical Interest	1967
19680001847	Optical technology Apollo extension system, phase A, volume 4, section 4 - Systems integration Final technical report	1967
19680001904	Fundamental Study in Low-Density Gas Dynamics Semiannual Progress Report, 1 May - 1 Nov. 1967	1967
19680001938	JPL development ephemeris number 19	1967
19680001949	X-ray spectra, electron structure, and properties of metallic compounds of titanium	1967
19680002131	Transport Phenomena in the Char Zone. 2 - Equilibrium Composition of Degradation Products of Ablation	1967
19680002168	Mist-flow heat transfer using single-phase variable-property approach	1967
19680002169	Fatigue of liquid rocket engine metals at cryogenic temperatures to minus 452 deg F /4 deg K/	1967
19680002172	Aerodynamic stability characteristics of the Apollo Launch Escape Vehicle /LEV/ with canard surfaces deployed	1967
19680002173	Investigation of tethered station keeping	1967
19680002230	The evaluation of the strength of fiber- reinforced composites	1967
19680002253	Heat and mass transfer. Volume 1 - Convective heat exchange in a homogeneous medium	1967
19680002279	Investigation on the Heat Transfer and Resistance of Finned, Staggered Banks with Fins of Different Shapes	1967
19680002301	Development of a micrometeoroid simulation device, volume 1 Final report	1967
19680002314	Rate constants for calculations on nozzle and rocket exhaust flow fields	1967
19680002361	Russian solid-fuel rockets	1967
19680002397	Development of a micrometeoroid simulation device Quarterly report	1967
19680002555	Seismic detection of near-surface cavities	1967
19680002620	Glass-Fiber-Reinforced Metallic Tanks for Cryogenic Service	1967
19680002750	Thermal performance tests of the A-2H Apollo extravehicular mobility unit, volume 2	1967
19680002837	Space programs summary no. 37-47, volume 3 for the period August 1, 1967 to September 30, 1967. Supporting research and advanced development	1967
19680002838	Systems Analysis Research	1967
19680002839	Computation and Analysis	1967
19680002840	Flight Operations and DSN Programming	1967
19680002841	Environmental Requirements	1967
19680002842	Spacecraft Control	1967
19680002843	Guidance and Control Research	1967
19680002844	Applied Mechanics	1967
19680002845	Aerodynamic Facilities	1967
19680002846	Solid Propellant Engineering	1967
19680002847	Polymer Research	1967
19680002848	Propulsion Research and Advanced Concepts	1967
19680002849	Liquid Propulsion	1967
19680002850	Lunar and Planetary Instruments	1967
19680002851	Science Data Systems	1967
19680002852	Lunar and Planetary Sciences	1967
19680002853	Bioscience	1967
19680002854	Physics	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680002855	Communications Systems Research	1967
19680002856	Communications Elements Research	1967
19680002857	Spacecraft Telemetry and Command	1967
19680002858	Spacecraft Radio	1967
19680002859	Future Projects	1967
19680002913	Comparative study of thrust-vector-control systems for large, solid-fueled launch vehicles. Volume 2 - Technical report	1967
19680003362	Aluminium bonded lead telluride thermoelectric module research and development Summary report, 1 May 1966 - Jun. 1967	1967
19680003402	A computer program for machine design of Cassegrain feed systems	1967
19680003541	Cell-Core Compression Studies on Nickel- Cadmium Cells Final Report	1967
19680003636	Project Ultra-Echo Final report	1967
19680003680	Human Performance in Adverse Environments	1967
19680003715	Continuous culture of microalgae as part of a closed ecological system	1967
19680003750	Study of dissimilar metal joining by solid state welding Final report	1967
19680003885	Command by speech in aerospace automation	1967
19680003899	Irradiation of high purity alumina Topical report	1967
19680003925	Shadowgraph visualization of noise from cold supersonic jets	1967
19680003963	Biochemistry of the nervous system	1967
19680004010	Problems relating to dryness in the upper air lanes during jet flights	1967
19680004011	Study of heat transfer of a turbulent fluid flow in a plane curved channel	1967
19680004082	Some considerations on the structure and radiation chemistry of water	1967
19680004092	History of aviation and cosmonautics, volume 1	1967
19680004097	History of aviation and cosmonautics, volume 3	1967
19680004105	History of aviation and cosmonautics, volume 4	1967
19680004149	Fireball and post-fireball composition and atmospheric chemistry of fuel/oxygen-fluorine propellants	1967
19680004281	Potential lunar landing areas for early Apollo missions	1967
19680004292	History of aviation and cosmonautics, volume 2	1967
19680004327	Blade temperature response of the rotor entry vehicle	1967
19680004347	Power supplies using high frequency modules Final report	1967
19680004788	Some preliminary measurements of free radical formation in polymers under stress	1967
19680004876	A study of the introduction of ions into the region of strong fields within a quadrupole mass spectrometer Final report, 17 Aug. 1965 - 17 Oct. 1967	1967
19680004880	Theory of stability of thin elastic heterogeneous anisotropic plates of variable rigidity	1967
19680004894	Hydrogen explosion hazard survey of the S-1C stage forward skirt section	1967
19680004899	Theoretically Predicted Ignition Transients in Solid Propellant Rocket Motors	1967
19680004902	Cryogenic boron-filament-wound containment vessels Final report, May 19 - Sep. 30, 1967	1967
19680005182	Research achievements review. Volume 2. Cryogenic technology research at MSFC	1967
19680005420	Orbiting Experiment for Study of Extended Weightlessness. Volume 2 - System Definition	1967
19680005476	Operational Characteristics of the Docked Configuration	1967
19680005484	Controlled Reentry	1967
19680005485	Launch and Target Vehicle Support by the Department of Defense	1967
19680005496	Scientific Satellites	1967
19680005518	Aerial infrared surveys in water resources studies	1967
19680005771	Space Launch Vehicles	1967
19680005897	A study of the critical computational problems associated with strapdown inertial navigation systems. Volume 2 - Computational error analysis computer program-user's manual	1967
19680006343	Geology of the USSR. Volume 31 - Kamchatka, Kuril, and Komandorskiye islands. Part 1 - Geological description	1967
19680006540	Lunar Orbiter	1967
19680006555	Two hundred sixty SL-3 motor program. Volume 3 - 260-SL-3 motor nozzle and exit cone design, fabrication and assembly Final phase report	1967
19680006581	NASA Flight Research Center	1967
19680006585	Rocket Propulsion	1967
19680006625	Spectrophotometric determination of minute quantities of iodide and bromide	1967
19680006661	Distinctions of auditory analyzer functions during prolonged exposure of man to changed gas environment	1967
19680006694	Further investigations of the complex effect of ionized radiation and accelerations on the organism as related to space flights	1967
19680006756	Lunar Orbiter 5 - Appendices	1967
19680007172	Bioengineering problems of habitability of spacecraft and planetary stations	1967
19680007174	Effect of prolonged /62-day/ hypokineses on the human organism	1967
19680007175	Present status and trends in investigation of the human cardiovascular system in space flights	1967
19680007255	Relationships between circulation patterns and satellite observed cloud cover - Case 1, March 9-15, 1965	1967
19680007361	Changes in the tolerance of man to transverse accelerations	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680007578	Influence of initial loading of differing degree and differing frequency on the fatigue strength of drilled flat bars of steel ST 37. Part B - Multistage and service strength tests	1967
19680007643	Changes in indices of external respiration, gas exchange and energy expenditures in weightlessness	1967
19680007687	Spacecraft environment and tolerance to hypoxia	1967
19680007703	Phase Difference Navigation Satellite Study Final Report	1967
19680007704	Apollo Stowable Net Couch, Phase 3 Final Report	1967
19680007711	AS-207 Launch Vehicle Operational Flight Trajectory Dispersion Analysis	1967
19680007905	Stress concentration around a nonsymmetrically reinforced hole in a plate	1967
19680008155	Properties of magnetic materials for use in high-temperature space power systems	1967
19680008540	Sensation period, a contribution to the theory of time, space, and motion sensation	1967
19680008984	Semiannual progress report, January 1, 1967 - June 30, 1967	1967
19680009262	Effect of curved surfaces on turbulent boundary layers	1967
19680009274	Mariner-Mars 1964 Final project report	1967
19680009458	Oxygen consumption and respiratory functions at high altitudes	1967
19680009577	Space Navigation	1967
19680009659	Electric Power Generation in Space	1967
19680010609	Acoustical activity and other first order spatial dispersion effects in crystals	1967
19680010683	Introduction, summary and recommendations	1967
19680010684	Structural changes in lung and thorax	1967
19680010685	Respiratory mechanics	1967
19680010686	Pulmonary gaseous diffusion	1967
19680010687	Pulmonary circulation and the distribution of blood and gas in the lungs	1967
19680010688	Regulation of breathing	1967
19680010689	Exchange of fluids in lungs	1967
19680010690	Respiratory tract clearance mechanisms for nongaseous materials	1967
19680010691	Diffusion of gases in peripheral tissue	1967
19680010692	Temperature regulation	1967
19680010693	Oxygen toxicity at near-normal partial pressures	1967
19680010694	Considerations of carbon dioxide concentration	1967
19680010695	Inert gases	1967
19680010696	Trace contaminants	1967
19680010697	Particulate matter - General considerations and aerosol deposition in man	1967
19680010698	Infection	1967
19680010699	Respiratory drugs and manned space flight	1967
19680011522	Journey to the Moon	1967
19680011523	Goddard Space Flight Center, Greenbelt, Maryland	1967
19680011949	Sonic boom effects on people and structures	1967
19680012274	Analysis of conceptual designs for the Voyager entry capsule	1967
19680013052	Assembly of CMTM for Purposes of Determining Areas of Contact During the Assembly Process, Phase 2	1967
19680013289	Stability of nonlinear pulse systems	1967
19680013343	Numerical methods for the solution of the degenerate non-linear elliptic equations arising in optimal stochastic control theory	1967
19680013346	Information processing in the functional visual field	1967
19680013512	C-1 engine program - Phase 2 development, bipropellant valve improvement program	1967
19680013559	C-1 engine program. Qualifications test report for bipropellant and quadredundant valves, volume 2 - Appendices Final report	1967
19680015954	Analysis of ablation products and boundary layer chemistry of ablating materials with a mass spectrometer	1967
19680016207	Electric propulsion for interplanetary spacecraft	1967
19680016236	Non-eclipse observations of the F-corona	1967
19680017235	Review of the theory of Thomson scatter	1967
19680017365	Particles of unknown origin photographed at rocket altitudes	1967
19680018004	A program of ground-based studies of the zodiacal light	1967
19680018005	Measurement of the brightness and polarization of zodiacal light from balloons and satellites	1967
19680018006	Toward a unification of eclipse and zodiacal- light data	1967
19680018007	Multicolor photometry of the zodiacal light	1967
19680018008	Reduction of photometric measurements of zodiacal light for the influence of twilight radiation	1967
19680018009	Rocket observations of the brightness of the zodiacal light	1967
19680018010	Observations of the photometric axis of the zodiacal light	1967
19680018011	Observations of the zodiacal light by means of telemetry from balloons	1967
19680018012	Zodiacal-light observations from a sounding rocket	1967
19680018013	A five-color photometry and polarimetry of the zodiacal light - A preliminary report	1967
19680018014	Photometry of zodiacal light and atmosphere continuum by H-M method and Barbier correlations, and Tenerife results about the shape of the zodiacal cloud	1967
19680018015	Recent polarization measurements over the sky at Tenerife Island	1967
19680018016	Problems of spectrophotometry of the zodiacal light	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680018017	Noneclipse observations of the F-corona	1967
19680018018	Some remarks concerning the zodiacal light	1967
19680018020	Lunar libration cloud photography	1967
19680018021	Particles of unknown origin photographed at rocket altitudes	1967
19680018022	Possibility of continuous measurement by optical radar of the influx on earth of extraterrestrial dust	1967
19680018023	Satellite Measurements of Particles Causing Zodiacal Light	1967
19680018024	Study of particles collected by the 1965 Luster rocket	1967
19680018025	Preliminary micrometeorite results from Gemini 9 and 12	1967
19680018026	Preliminary results of a micrometeoroid collection experiment in the Gemini program	1967
19680018027	Evidence of dust concentration in the mesosphere	1967
19680018028	Particle collection from the Luster rocket	1967
19680018029	Preliminary results of investigations of solid interplanetary matter in the vicinity of the moon	1967
19680018030	Elemental abundances in the interplanetary dust	1967
19680018031	Space density of radio meteors	1967
19680018032	The orbits of meteor bodies and the origin of the hard component of the interplanetary medium	1967
19680018033	Orbital distributions of meteors of limiting magnitude plus 6 observed from the Southern Hemisphere	1967
19680018034	Small particles in space	1967
19680018035	Analysis of all available zodiacal-light observations	1967
19680018036	Some models of the zodiacal cloud	1967
19680018037	Phase function of the zodiacal cloud	1967
19680018038	On optical models approximating observations of the zodiacal light outside the ecliptic	1967
19680018039	Theoretical considerations of small particles in interplanetary space	1967
19680018040	Dynamics of submicron particles /a less than 10 minus 5 cm/ in interplanetary space	1967
19680018041	Electrostatic potential of a cosmic dust particle	1967
19680018042	Dynamics of interplanetary dust particles near the sun	1967
19680018043	The cloud of interplanetary boulders	1967
19680018044	Collisional model of meteoroids	1967
19680018045	Light scattered by the earth's dust cloud	1967
19680018046	The possibility of dust concentration near the earth	1967
19680018047	The zodiacal light and earth-orbiting dust	1967
19680018048	The meteoroid environment near the ecliptic	1967
19680018049	Interplanetary electron concentration and variability measurements with Pioneer 6 and 7	1967
19680018050	Satellite observations of the general characteristics and filamentary structure of the solar wind	1967
19680018051	Nature and origin of zodiacal dust	1967
19680018052	Observational evidence of the meteoritic complex	1967
19680018053	On maintaining the meteoritic complex	1967
19680018587	Thermal dissociation of basic ammonium aluminum sulphate. 2 - Measurements of the decomposition rate and attempt to explain the reaction mechanism	1967
19680021794	Improved Midfed Whip Antenna, phase 2 Final engineering report, 16 Aug. 1965 - 15 Jun. 1967	1967
19680021917	Electronic conduction in organic materials Interim final report, 9 May 1966 - 9 Jul. 1967	1967
19680023697	Aerospace Electronic Systems Technology	1967
19680023714	Aeronautical Flight-Control Systems Research	1967
19680024214	Analysis of organic matter on the moon by gas chromatography-mass spectrometry - A feasibility study	1967
19680024631	Recent progress in atom-atom collision theory	1967
19680026295	Radar scatterometer data validation, phase 1	1967
19680026507	A probabilistic approach to the long range planning of manpower and other relating elements	1967
19680027102	Cosmic Ray Group	1967
19680027103	Accelerator physics collaboration	1967
19680027104	Linear Accelerator Group	1967
19680027105	High Energy Accelerator Group	1967
19680027106	O.N.R. Generator Group	1967
19680027107	Radioactivity Group	1967
19680027108	Cyclotron Group	1967
19680027109	Theoretical Group	1967
19680028397	A satellite view of Typhoon Marie 1966 development	1967
19680030129	Response of soil bacteria to high temperatures and diurnal freezing and thawing.	1967
19680033433	A combination medium for demonstrating starch and gelatin hydrolysis.	1967
19680033467	Sterilization requirements for space exploration.	1967
19680033791	Cryopumping for "clean" space vacuum simulation.	1967
19680034038	The development of a faster monitoring system.	1967
19680043624	Asymptotic efficiency of two nonparametric competitors of Wilcoxon's two sample test.	1967
19680049447	Estimation for a simple exponential model.	1967
19680065217	Semiannual report, may 1 - november 1, 1967	1967
19680065222	Optimization of design of space experiments from the standpoint of data processing semiannual report, 1 apr. - 30 sep. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680065266	Interdisciplinary communications program quarterly report, period ending 31 mar. 1967	1967
19680065317	A Numerical Study of the Vortex Rate-Sensor Semiannual Progress Report	1967
19680065342	Techniques of radio frequency mass spectrometry	1967
19680065429	Orbiting solar observatory - b final report	1967
19680065439	Determination of newton's gravitational constant, g, with improved precision status report, 1 apr. - 30 sep. 1967	1967
19680065521	Design, development, fabrication, and installation of the 105-inch lunar and planetary telescope at mcdonald observatory quarterly status report, 23 jun. - 22 sep. 1967	1967
19680065523	Conduct d-region investigation with ionospheric experiments on nike-cajun rocket coordinated with a gsfc aerobee payload instrumented for micrometeorite quarterly progress report, 28 jun. - 27 sep. 1967	1967
19680065527	Non-discounted denumerable markovian decision models	1967
19680065611	Lunar orbiter selenodesy studies quarterly report, 1 jul. - 30 sep. 1967	1967
19680065621	Quarterly report, 1 march 1967 - 31 may 1967	1967
19680065624	Technology and Urban Management Semiannual Report, 1 Apr. - 30 Sep. 1967	1967
19680065679	Response of higher plants to ultraviolet light and other stress factors semiannual status report, 1 oct. 1966 - 31 mar. 1967	1967
19680065843	Vacuum u-v photolysis of carbon dioxide progress report, 1 mar. - 31 aug. 1967	1967
19680065857	Satellite motion near an oblate spheroid and interatomic potentials of binary systems status reports, 1 mar. - 30 jun. 1967, and 1 mar. - 31 aug. 1967	1967
19680066044	Visual briefs - supplementary teaching aids	1967
19680066064	Nonlinear aspect of combustion instability in liquid propellant rocket motors quarterly status report, 1 sep. - 30 nov. 1967	1967
19680066065	Infrared spectra of molecules and materials of astrophysical interest semiannual progress report, 1 jun. - 30 nov. 1967	1967
19680066072	Liquid Propellant Space Rockets	1967
19680066124	High altitude radiation measurements quarterly report, 1 apr. - 30 jun. 1967	1967
19680066145	Vacuum ultraviolet spectra of atoms and light molecules quarterly status report, 1 jun. - 31 aug. 1967	1967
19680066254	Third summer school on the fundamental concepts in environmental and planetary sciences final report, 16 jun. - 21 jul. 1967	1967
19680066256	Theoretical research in stellar and planetary astrophysics annual report, oct. 1966 - sep. 1967	1967
19680066264	Cyrogenic research and development progress report, 1 jul. - 30 sep. 1967	1967
19680066346	New concepts in structural design status progress report, 1 jun. - 30 nov. 1966	1967
19680066367	/investigations into the region of various atmospheric gases/ semiannual report, 1 may - 31 oct. 1967	1967
19680066406	High temperature protective coatings for refractory metals progress report	1967
19680066419	Study-correlation of aerodynamic parameters with compressor erosion quarterly progress report, 1 jul. - 30 sep. 1967	1967
19680066495	Theoretical and Experimental Investigation of a Three-dimensional Magnetic-suspension Balance for Dynamic Stability Research in Wind Tunnels Semiannual Status Report, 1 Mar. - 31 Aug. 1967	1967
19680066507	Semiannual Progress Report	1967
19680066615	Study of dynamic and static seals for liquid rocket engines monthly progress report, 30 oct. - 3 dec. 1967	1967
19680066623	The characteristics and standard variability of tensile properties of composite solid propellants monthly progress report, 1-30 nov. 1967	1967
19680066699	Winter Institute in Quantum Chemistry, Solid-State Physics and Quantum Biology and the International Symposium of Atomic, Molecular and Solid-State Theory, December 5, 1966 - January 21, 1967 and the Annual Progress Report from the Quantum Theory Project, 1966-1967	1967
19680066741	Basic engineering studies of techniques for acceleration of a particle to hypervelocity by an electrically heated propellant plasma status report, 1 mar. - 1 sep. 1967	1967
19680066779	Satellite motion near an oblate spheroid and interatomic potentials of binary systems status report, 1 sep. 1966 - 28 feb. 1967	1967
19680066787	Microwave spectroscopic identification of atmospheric contaminants status report, apr. - oct. 1967	1967
19680066812	Meteorite photography and recovery network semiannual progress report, 1 jan. - 30 jun. 1967	1967
19680066890	Study of cryogenic propellant stratification reduction techniques monthly progress report, 1-31 oct. 1967	1967
19680067095	Final report, 1 may 1966 to 31 october 1967	1967
19680067104	Evolution of Water from Alkali Halide Single Crystals	1967
19680067119	The reject allowance problem for multi-stage job lot production	1967
19680067122	Shock tunnel investigations of turbulent flow at high mach numbers quarterly progress report, 1 oct. - 31 dec. 1967	1967
19680067199	A neuromuscular actuation system model	1967
19680067588	The "Median-Quartile-Test" - a Procedure for the Non-Parametric Testing of Two Independent Samples as to Unspecified Distribution Differences	1967
19680067620	Factors affecting leakage measurement	1967
19680067688	Meteoritic k-feldspar in the weekeroo station, kodaikanal and colomera iron meteorites	1967
19680067737	Detection techniques for tenuous planetary atmospheres semiannual report, 1 jul. - 31 dec. 1967	1967
19680067744	On small sample probability limits for control charts	1967
19680067850	National aeronautics and space administration space cell test program monthly progress report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680067888	Postdoctoral and senior postdoctoral resident research associateship program for the national aeronautics and space administration status report, 1 sep. - 30 nov. 1967	1967
19680067949	The ethics of social science research - a discussion of some issues	1967
19680067951	Program in aeronomy status report, 1 jun. - 31 aug. 1967	1967
19680067970	Systems analysis in state government	1967
19680067971	Systems analysis in government administration - a critical analysis	1967
19680067986	Laser backscatter measurements of the lower atmosphere	1967
19680068038	Serv - space emergency reentry vehicle	1967
19680068112	Synthesis of distributed systems annual report, 1 sep. 1966 - 31 aug. 1967	1967
19680068114	Chemistry of planetary atmospheres and comets technical status report, 1 mar. - 31 aug. 1967	1967
19680068115	Cryogenic research and development progress report, period ending 31 dec. 1967	1967
19680068123	Semiannual status report, may 1, 1967 to october 31, 1967	1967
19680068127	Experiment in direct provision of hard-copy documentation of aerospace generated technology to potential users quarterly status report, 1 jul. - 1 oct. 1967	1967
19680068188	Fundamental studies of the metallurgical, electrical, and optical properties of gallium phosphide quarterly progress report, 30 sep. - 31 dec. 1967	1967
19680068195	Ninth semiannual progress report, june 1, 1967 to november 30, 1967	1967
19680068513	Annual report, 1967	1967
19680068631	Establishment of a regional dissemination center for new england quarterly report, 1 oct. - 31 dec. 1967	1967
19680068644	Organic and metallo-organic laser materials semiannual research report, 1 jul. - 31 dec. 1967	1967
19680068692	Elevated temperature fatigue of tzc molybdenum alloy under high frequency and high vacuum conditions	1967
19680068778	Ovine physiological responses to high ambient carbon dioxide	1967
19680068779	Lunar orbiter mission a photographic support data final report	1967
19680068780	Lunar Orbiter Mission 2 Photographic Support Data	1967
19680068787	Some effects of continuously applied direct currents of various magnitudes on the tropic responses of coleus blumei plants	1967
19680068788	A comparison of the effects of incubation temperature upon cellular utilization of acetate and ethanol	1967
19680068790	Ovine nutritional responses to high ambient carbon dioxide	1967
19680068896	Lunar Orbiter Mission 3, Description	1967
19680068907	The nasa program for the preparation of design criteria for space vehicle structures	1967
19680069016	Satellite Situation Report, Volume 7, No. 11	1967
19680069180	Buckling of circular cylindrical shells in axial compression	1967
19680069210	Observations of the interplanetary plasma	1967
19680070051	Construction of a profile of the existing economic structure of the region surrounding the southeastern state college monthly status report, dec. 1964	1967
19680070087	Experimental program for small business interim progress report	1967
19680070089	Interim progress summary report, 1 july - 31 december 1966	1967
19680070090	Evaluation of nasa data base for application to the natural resources industries	1967
19680070202	Atomic processes in the atmosphere final report, jun. 1, 1964 - oct. 31, 1967	1967
19680070204	Annual report, 8 september 1966 - 8 september 1967	1967
19680070309	Multidisciplinary research program in space science and technology semiannual report, 1 jun. - 1 dec. 1967	1967
19680070457	Abstracts in Boundary Lubrication	1967
19680070662	Apollo-Saturn IB Mission Simulation Plugs In	1967
19680070694	Axisymmetric two-phase perfect gas performance program. volume 2 - program listings and flow charts	1967
19680070701	Study of structural weight sensitivities for large rocket systems summary review	1967
19680070836	Apollo/Saturn 5 - Space Vehicle Countdown Demonstration Test	1967
19680070837	Apollo-Saturn 5 - LO2 Facility Preparation	1967
19680070843	One-Dimensional Two-Phase Reacting Gas Nonequilibrium Performance Program. Volume 1 - Engineering and Programming Description	1967
19680070849	Axisymmetric two-phase perfect gas performance program. volume 1 - engineering and programming description	1967
19680070928	Meteorite photography and recovery network semiannual progress report, 1 jul. - 31 dec. 1967	1967
19680071091	Elementary excitations in pi-electron molecules	1967
19680071374	Description and theory of operation 2kw fuel cell module for aerospace applications	1967
19680071387	Program in aeronomy status report, 1 sep. - 30 nov. 1967	1967
19680071518	Guidelines for Scientific and Technical Writing	1967
19680071551	Progress report, july 1 - december 31, 1967	1967
19680071584	Some comments on the treatment of symmetry properties in perturbation theory	1967
19680071585	Applications of density matrix methods to the electronic structure of atoms and molecules	1967
19680071586	Some aspects on the correlation problem and possible extensions of the independent- particle model	1967
19680071604	Upper and lower bounds in second-order perturbation theory and the unsold approximation	1967
19680071736	Study of inexact modeling techniques semiannual status report, 1 jun. - 30 nov. 1967	1967
19680071913	High sensitivity magneto-optic modulator semiannual progress report, period ending 31 jul. 1967	1967
19680071943	Optical satellite-tracking program semiannual progress report, 1 jul. - 31 dec. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680072427	Development of S-13G-Type Coatings as Engineering Materials Technical Progress Report, Jan. 20 - Feb. 20, 1967	1967
19680072601	Techniques for the realization of ultrareliable spaceborne computers	1967
19680073011	Compilation of spin data program. Technical summary number 2 - reference and bibliography	1967
19680073018	Systems operational analysis of oxygen conditioning system	1967
19680073236	Structural performance of the Parkes 210-ft paraboloid	1967
19680073276	A Training Program in Environmental Contamination and Environmental Health Final Report, 1 Jun. 1965 - 31 May 1967	1967
19680073314	United States Space Effort	1967
19680073384	Manned Space Flight Program - Progress and prospects	1967
19680073386	NASA and the universities	1967
19680073390	NASA needs top management attention for its logistics requirements	1967
19680073405	Twenty years hence	1967
19680073408	Gemini program summary	1967
19680073487	Research on the polarization in porous oxygen electrodes Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680074000	Prevention of titanium stress corrosion cracking	1967
19680074001	Spectral properties of passively Q-spoiled lasers Semiannual technical summary report, 1 Oct. 1966 - 31 Mar. 1967	1967
19680074003	Flow and fracture characteristics of zone purified beryllium and selected beryllium rich alloys Final technical report	1967
19680074006	Metallurgical analysis of a heated high pressure line failure	1967
19680074007	Goonhilly satellite system earth station - Waveguide feeders Research report, Mar. 1961 - Mar. 1964	1967
19680074009	Cardiovascular adaptation during long-term weightlessness Semiannual progress report, 1 May - 31 Oct. 1967	1967
19680074010	Experimental and analytical investigation of boundary-layer transition on swept wings at Mach numbers 2.5 to 5 Final report	1967
19680074012	Description of a computer program for calculating the supersonic flow past a body, with examples of its uses	1967
19680074013	Mission engineering study of electrically propelled manned planetary vehicles. Volume 3, book 2 - Operational analysis topical report Final report, Jul. 1966 - May 1967	1967
19680074014	Development of a manufacturing process for producing high-quality electrical strip from ultrahigh-purity aluminum for magnet applications Interim engineering progress report number 3, 6 Jun. - 6 Sep. 1967	1967
19680074015	Phase 2 development tests of MODPAC 2 ejection seat	1967
19680074016	Reflector antenna zoom techniques Final report, 22 Mar. 1966 - 22 Jun. 1967	1967
19680074018	Principles of radio engineering and radar	1967
19680074019	Analysis of failure of the bellows cylinder cover of the GOX flow control valve	1967
19680074020	Metallurgical analysis of a BAC B30GZ8-6 failure, 503 vehicle fuel tank	1967
19680074022	High dielectric constant thin film capacitor materials Progress report, 1 Jul. - 31 Aug. 1967	1967
19680074024	Space storable regenerative cooling investigation Monthly progress report, 1 - 31 Sep. 1967	1967
19680074026	Truck-trailer preventive maintenance	1967
19680074027	A kinetic theory of source flows expanding into a vacuum	1967
19680074028	Rectangular and caret sails in supersonic flow	1967
19680074029	Influence of ageing and creep on fatigue of structural elements in an Al 6 percent Cu alloy	1967
19680074030	Vibrations in parachutes and towing strops with particular reference to the elastic characteristics of the materials	1967
19680074031	Space storable propellant performance program Monthly progress report, 1-30 Sep. 1967	1967
19680074033	Analytical and experimental investigation of the effect of tuned viscoelastic dampers on response of simple beams with various boundary conditions Summary report, Feb. 1965 - Nov. 1966	1967
19680074034	Properties of HY-130, 5Ni-Cr-Mo-V steel Summary report	1967
19680074035	Research in thermal nondestructive evaluation of corrosion in aircraft structures Final report	1967
19680074036	Simulated altitude performance of temperature cycled Mark 11 reentry vehicle spin and pitch motors having ages from 47 to 55 months Final report, 16 Jun. - 3 Jul. 1967	1967
19680074037	Post IQSY high altitude test vehicle launching report	1967
19680074038	Application of a non-linear lifting surface theory to plane rectangular and triangular wings	1967
19680074039	Selection of two-dimensional airfoil test apparatus for GAEC 26 inch transonic wind tunnel	1967
19680074040	Application of intelligent automata to reconnaissance Interim report, Nov. 1966 - Mar. 1967	1967
19680074041	Crystal chemistry studies Quarterly report, 14 May - 13 Aug. 1967	1967
19680074042	Analysis of static heat shield panels	1967
19680074043	Investigation of new concepts and linear beam techniques for microwave generation	1967
19680074044	An application of the method of quasi-linearisation to a problem of non-linear curve fitting arising in the estimation of geophysical constants from satellite observations	1967
19680074045	Feasibility demonstration of a rocket engine ablation gauge, task 3 Final summary report, Nov. 1966 - May 1967	1967
19680074046	Cavitation erosion of a stationary specimen in close proximity to an oscillating surface	1967
19680074047	LM Descent Stage Secondary Structure Analysis	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074048	Host sensitization in rare earth fluoride materials Final report, 1 Feb. 1966 - 31 Jan. 1967	1967
19680074049	Mission Engineering Study of Electrically Propelled Manned Planetary Vehicles. Volume 4 - Systems Design Topical Report Final Report, Jul. 1966 - May 1967	1967
19680074050	Mission engineering study of electrically propelled manned planetary vehicles. Volume 3, book 1 - Operational analysis topical report Final report, Jul. 1966 - May 1967	1967
19680074051	Mission Engineering Study of Electrically Propelled Manned Planetary Vehicles. Volume 2 - Mission Analysis Topical Report Final Report, Jul. 1966 - May 1967	1967
19680074052	A correlation between the impact energy and failure stress of zirconium alloy pressure tubes containing defects	1967
19680074053	The use of the 7075-T7351 temper for Parker valve actuator housings	1967
19680074056	Ammonium perchlorate - A review of its role in composite propellant combustion	1967
19680074059	Gasdynamic analysis of an arc-heated plasma facility	1967
19680074060	Manned planetary flyby missions based on Saturn/Apollo systems Final briefing	1967
19680074061	LSVDC4 program system. Volume 4 - Data compilation and evaluation of space shielding problems	1967
19680074062	Chamber-B-ACE S/C carry on K-start uplink - Validation	1967
19680074063	The influence of quantizing and sampling on the signal-to-noise ratio of a complex correlator	1967
19680074064	Anti-jam techniques for troposcatter communications. Volume 3. Tropospheric scatter multipath tests Final report	1967
19680074065	Research and development programs Quarterly report, Jul. - Sep. 1967	1967
19680074066	Epitaxial ferrite memory planes Final report	1967
19680074067	PEM for filter, quartz crystal 112 Mc, type EL-FR/X-2/ and crystal unit, filter, quartz type CR/XM-65/U Quarterly progress report, 1 Nov. 1966 - 31 Apr. 1967	1967
19680074068	Production engineering measures for microwave ferrimagnetic materials and circulators Quarterly progress report, 1 Feb. - 30 Apr. 1967	1967
19680074070	The structure of evaporated aluminium films grown on air-cleaved rocksalt	1967
19680074071	Development of improved potting and encapsulating compounds for space applications Quarterly progress report, 17 Jun. - 1 Oct. 1967	1967
19680074072	Analysis of failure of, strut fitting, ring baffle /60B12439-1/	1967
19680074073	An investigation of soil erosion during LM lunar landing	1967
19680074074	Similar solutions of three-dimensional incompressible laminar boundary layers with suction and injection	1967
19680074075	Three-dimensional flow separation of a plane, incompressible, laminar boundary layer caused by a half-delta wing on a flat plate	1967
19680074076	An experimental study of the hypersonic flow about a particular half-cone-and-delta-wing lifting configuration	1967
19680074077	Aerodynamically excited vibrations of a 3-inch times 3-inch aluminum angle in steady flow	1967
19680074080	Measurement of the motion of parked aircraft by a photographic method	1967
19680074081	Circulation control applied to a circular cylinder	1967
19680074084	An improved approach to the adjoint method applied to the statistical analysis of a homing missile	1967
19680074089	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants Monthly progress report, 1 - 30 Sep. 1967	1967
19680074090	Definition of structural groups in the calculation of glass temperatures of homopolymers	1967
19680074091	Performance assessment of the prototype Hoffman Mk. 5 airborne Tacan set	1967
19680074092	A circumferential slot antenna for use on rocket probes	1967
19680074093	Development of design and manufacturing technology for integrally formed structures Interim report, 1 Jul. - 30 Sep. 1967	1967
19680074094	Unfilled and aluminum powder filled polyurethane adhesive as filler material under dispersion cowling	1967
19680074095	Failure analysis of 60B21149-1A rod end bearing assembly	1967
19680074096	Metallurgical analysis of thrust structure bolt failures, BACB300W22	1967
19680074097	Optimization of insulation and mechanical supports for hypersonic and entry vehicles Technical report, Jun. 1965 - Dec. 1966	1967
19680074098	Evaluation of the thermophysical properties of the Apollo heat shield, volume 2 Final report, 24 Apr. - 24 Jul. 1967	1967
19680074099	Transmitter tube investigation Final technical report, Apr. - Jun. 1967	1967
19680074102	Fatigue crack propagation and strains within plastic zone Progress report	1967
19680074103	A study of attention and psychological time	1967
19680074104	Valve developments and research projects Progress report, Oct. 1966 - Apr. 1967	1967
19680074106	A theoretical model for the prediction of the distribution of water released from a water bomber	1967
19680074108	Advanced metal alloy research for prepackaged liquid powerplants Quarterly report, 17 Apr. - 16 Jul. 1967	1967
19680074109	Investigations of laser damage to ocular tissues	1967
19680074110	Large scale integrated circuit array Quarterly report, 15 May - 15 Aug. 1967	1967
19680074111	Project Duty Volume 2 - Operation of the Project Duty system Final report	1967
19680074112	Computer simulation of Teflon bearing wear for variable load stroke curves and mission profiles	1967
19680074113	Note on methods of calculating the pressure distribution over the surface of two-dimensional cambered wings	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074114	A numerical method for calculating steady three-dimensional laminar boundary layers	1967
19680074115	Forming skins by hammer peening	1967
19680074116	Aircraft ground-flotation investigation. Part 1 - Basic report	1967
19680074117	Space storable regenerative cooling investigation Monthly progress report	1967
19680074118	Liquid and gaseous flow through 27 and 52 micron-diameter capillary leaks	1967
19680074119	Super-power beam type switch tube Final report, May 1966 - Jul. 1967	1967
19680074120	Metallization failures in integrated circuits Interim report, 28 Dec. 1966 - 27 Jun. 1967	1967
19680074121	A collection of matrix eigenvalue-eigenvector computer routines	1967
19680074122	Stress corrosion susceptibility testing of carrier stiffeners of the propellant dispersion system, 60B02741	1967
19680074123	High power gas laser research Quarterly technical report	1967
19680074124	Application of magnetic torquing for desaturation of control moment gyros in space vehicle control Final technical report, 1 Apr. - 15 Dec. 1966	1967
19680074125	Metallurgical analysis of LOX interconnect cam roller failures, 60B41135-1	1967
19680074126	Applications of the germfree animal to space ecology Progress report, 1 Mar. - 31 Aug. 1967	1967
19680074127	Electron beam welding of thick sections Interim engineering progress report, 15 Jun. - 15 Sep. 1967	1967
19680074128	Blast shield control panel assembly NASA part number 75M21665	1967
19680074129	SECAP - System Experience Correlation and Analysis Program Final report, 1 Aug. 1966 - 31 Jul. 1967	1967
19680074131	Co-operative phenomena in the solid state Final technical report, 1 Oct. 1965 - 30 Sep. 1966	1967
19680074132	Design and test of a SNAPOODLE thermoelectric generator Final report, Jul. 1965 - May 1967	1967
19680074133	Genetic studies of hydrogen bacteria and their applications to biological life support systems Status report, 1 May - 31 Oct. 1967	1967
19680074135	Study and investigation of a UHF-VHF antenna Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19680074136	A maximum stress theory for the failure of pressure components containing through thickness defects	1967
19680074137	Project Duty. Volume 1 - History and basic concepts of Project Duty Final report	1967
19680074138	Investigation of effects of electromagnetic disturbances on the distribution of geomagnetically trapped particles, volume 2 Final report	1967
19680074139	Meteorological data. Volume 67, no. 3 - Daily and monthly Northern Hemisphere 30-millibar synoptic weather maps of the year 1966, part 3 Quarterly technical status report, Jul. - Sep. 1966	1967
19680074140	Influence of metabolic accumulation of products of Hydrogenomonas cells on their continued growth Progress report, 1 May - 31 Oct. 1967	1967
19680074141	Error analysis for precise laboratory testing	1967
19680074142	Epitaxial growth of metallic films Final report	1967
19680074143	Response of higher plants to ultraviolet light and other stress factors Semiannual status report, 1 Apr. - 31 Aug. 1967	1967
19680074144	Studies of ceramics Final report, 15 Dec. 1965 - 15 Feb. 1967	1967
19680074145	40 and 100 microampere ruggedized taut band panel meters Interim development report, 3 Mar. - 31 Jul. 1967	1967
19680074147	Hypervelocity particle effects on materials	1967
19680074148	Lightweight high-power thermoelectric module development Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680074149	Long duration emergency oxygen backpack Final technical memorandum report	1967
19680074150	Optical measurements of coronal phenomena. Operation Eclipse 66. 1966 November 12 total solar eclipse Final report	1967
19680074151	Project Duty. Volume 3 - Report on the Project Duty test area. A test of the Project Duty system Final report	1967
19680074152	Hydraulic fluid stability compared in recoil mechanism, pump loop and sonic oscillator systems	1967
19680074153	Wireless telemetry of engine piston parameters	1967
19680074154	Radiation-effects technology for military space missions requiring nuclear electric power	1967
19680074156	On the determination of potassium in the form of tetraphenylboron-potassium	1967
19680074157	Development of techniques for geomagnetic field measurements, recording and automatic record digitizing, part 1 Final report, 16 Feb. 1963 - 15 Feb. 1967	1967
19680074158	Development of a broadband, S-band amplifier for use in the Signal Processing Test Facility Quarterly technical report, 1 Apr. - 30 Jun. 1967	1967
19680074159	Use of the Beverage antenna in wide aperture high frequency direction finding. Volume 1 - Research and development Final report, 3 Jun. 1963 - 30 Jun. 1967	1967
19680074160	Static force and control surface effectiveness tests of a 0.040-scale model of the prototype C-5A aircraft at Mach numbers from 0.60 to 0.90 Technical report, 27 Mar. - 27 Apr. 1967	1967
19680074161	High speed semiconductor switch /two terminal/ and high speed semiconductor switch /gate/ Quarterly report, 28 Feb. - 29 May 1967	1967
19680074162	Honest John missile no. 401, round no. 558 AML /13 September 1967/ Meteorological data report	1967
19680074163	Research and development of localized defects and hot spots in high voltage p-n-p-n inverter switches Quarterly progress report, 1 Jun. - 1 Sep. 1967	1967
19680074164	Electrodeless particle thruster Final report, 1 Jun. 1966 - 30 May 1967	1967
19680074166	New developments in lubricants for possible army use	1967
19680074167	Electrocracking of liquid organic substances in microarc discharges	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074169	Finite element stress analysis of axisymmetric solids with orthotropic, temperature-dependent material properties	1967
19680074171	Modified storage tank subsystem, liquid hydrogen system Launch Complex 39A NASA P/N 75M05753 ECP 0021-1R tasks 6 and 13	1967
19680074172	Fatigue life estimation process under conditions of irregularly varying loads	1967
19680074173	Corrosion of materials in hydrospace. Part 3 - Titanium and titanium alloys	1967
19680074174	Disaster control plan-67. Annex B. Hurricane control plan	1967
19680074176	Cost effectiveness sensitivity analysis of attack system enroute survival	1967
19680074179	Description of work performed for C.V.D. Progress report, Oct. 1966 - Mar. 1967	1967
19680074180	Preliminary investigation of the probability of launch time constraints due to atmospheric and space environmental phenomena	1967
19680074181	The effect of high pressure on selected azides and organic explosives	1967
19680074182	Evaluation of ablative materials	1967
19680074183	Nike-Apache Speedball 2, round no. 112, SN 37 /22 September 1967/ Meteorological data report	1967
19680074184	Semiconductor and O-type amplifier investigations Quarterly technical report, 1 Mar. - 31 May 1967	1967
19680074185	Process development for improved high-strength superalloy sheet Interim engineering progress report, 1 Jun. - 31 Aug. 1967	1967
19680074186	Data reduction procedures for the determination of convective surface heat transfer and flow friction characteristic - Steam-to-air test cores	1967
19680074187	Interference effects produced by a cold jet issuing normal to the airstream from a flat plate at transonic Mach numbers Final report, 14 Jun. - 27 Jun. 1967	1967
19680074190	Microwave valves, general purpose valves, and semiconductor devices and transistors Quarterly report, Jan. - Mar. 1967	1967
19680074191	Review of current geodetic satellite programs and recommendation for future programs Final report	1967
19680074192	Manufacturing process development for superalloy cast parts Interim engineering progress report, 1 Jan. - 30 Jun. 1967	1967
19680074194	The effect of decomposition conditions on the characteristics of BeO powder prepared from BeSO ₄ .4H ₂ O	1967
19680074195	Analysis of cracking, 502 vehicle tube support bracket base, 60B37505-1	1967
19680074196	Metallurgical analysis of fuel tank ring baffle web doubler failure, 506 vehicle	1967
19680074197	Quenching of the triplet state of benzil by rare earth chelates	1967
19680074198	High-power injection laser arrays for rangefinder applications	1967
19680074199	Crystal chemistry studies Quarterly report, 14 Feb. - 13 May 1967	1967
19680074200	Optical transmission at high data rates Final technical report, 1 May 1966 - 1 Jul. 1967	1967
19680074201	An investigation of the effect of acceleration of the burning rate of composite propellants	1967
19680074202	Nike-Apache Speedball 2 round no. 110, SN /19 September 1967/ Meteorological data report	1967
19680074203	Investigation of plasma sprayed metal matrix reinforced composites Interim engineering progress report, 15 Jun. - 14 Sep. 1967	1967
19680074204	Microelectronic radar Helcar 3 Final engineering report	1967
19680074205	S-band and X-band Schottky barrier diode manufacturing methods Quarterly report, 1 Jul. - 1 Oct. 1967	1967
19680074206	The development and evaluation of a hydrocarbon binder for high energy solid propellants	1967
19680074207	Continuous speech recognition and synthesis Final technical report, 1 Apr. 1966 - 15 Jul. 1967	1967
19680074209	Resistance to ozone	1967
19680074210	Development balloon systems and conduct high- altitude balloons flights Quarterly status report, 1 Jun. - 31 Aug. 1967	1967
19680074211	Mechanical behavior working group, 6th meeting	1967
19680074212	Another look at predictions of the service life of propellant grains from laboratory test data on aged specimens	1967
19680074213	Comparison of operational and accelerated aging sample propellant properties	1967
19680074214	Mechanical properties of reinforced solid propellants	1967
19680074215	On elastic filament reinforcement of a viscoelastic cylinder	1967
19680074216	Finite element stress analysis of anisotropic bodies	1967
19680074217	Stress analysis of a class of anisotropic elastic solids with application to solid rocket motors	1967
19680074218	Analysis by a finite element method of orthotropic axisymmetric solids subjected to arbitrary loads	1967
19680074219	Finite element group analysis of axisymmetric bodies under non-axisymmetric loads	1967
19680074220	Behavior of the finite element stiffness method for nearly incompressible materials	1967
19680074221	The automated viscoelastic grain structural analysis program	1967
19680074222	Nonlinear propellant characterization and analogue motor analysis	1967
19680074223	Dynamical stresses and strains in propellant grains	1967
19680074224	Mechanism of reinforcement of elastomers by rigid spherical particulate fillers	1967
19680074225	Microstructural damage and its influence on the dilatation-strain properties of a filled elastomeric composite material	1967
19680074226	Microscopic variables and phenomenological constitutive equations	1967
19680074227	The influence of microstructural characteristics on the maximum strain energy density of a composite propellant	1967
19680074228	Analysis of tensile creep data for a composite plastisol propellant by reaction rate methods	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074229	A surface treatment technique for the extension of the environmental capability of a solid propellant grain	1967
19680074230	Influence of filler characteristics on tensile creep at large deformations	1967
19680074231	Viscoelastic fracture in plane stress and plane strain fields	1967
19680074232	Failure analysis of solid propellant grains based on dissected motor properties	1967
19680074233	Cumulative damage in the mechanics of viscoelastic fracture	1967
19680074234	An Upper Bound on Failure in Viscoelastic Materials Subjected to Multiaxial Stress States	1967
19680074235	Failure behavior of highly filled rubber based propellants	1967
19680074236	Development of a failure criterion for double-base propellants	1967
19680074237	The development of an indentation test for measurement of properties of low modulus polymers	1967
19680074238	Graphical evaluation of complex shear modulus from forced vibrations of a circular plate	1967
19680074239	Case cutting techniques for rocket motor dissection	1967
19680074240	Transient heat conduction analysis by the finite element method	1967
19680074241	Changes in mechanical properties of a composite fuel due to vacuum exposure	1967
19680074242	Progress in the Navy contract research program on the mechanical behavior of solid propellant grains	1967
19680074243	Air Force solid propellant mechanical behavior and structural analysis program	1967
19680074244	Free-forced convection heat transfer in a curved channel	1967
19680074245	Manufacturing methods for producing L-605 hardware Interim progress report, 1 Jul. - 30 Sep. 1967	1967
19680074247	Nike-Javelin round no. MD67-9.5-2 /14 September 1967/ Meteorological data report	1967
19680074248	Investigation and compilation of the thermodynamic properties of high temperature chemical species Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680074249	RF sub-miniature delay line Final report, Jul. 1966 - Mar. 1967	1967
19680074250	Portable moving electron beam welding system Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680074251	Spin waves and spin-phonon interactions Final technical report, Apr. 1966 - Mar. 1967	1967
19680074252	Bonding to steel of underwater-curing epoxies Interim technical report, Jul. 1966 - Jul. 1967	1967
19680074253	Reliability of microelectronic circuit connections Final report, Apr. 1965 - Apr. 1967	1967
19680074254	A laser triggered high-frequency high power microwave cavity switch Interim technical report	1967
19680074255	Solid-state synthesis of microwave function	1967
19680074256	Study of airborne millimeter radar techniques Interim report, 21 Jan. - 21 Apr. 1967	1967
19680074257	Measurement of wind shear Quarterly report, 16 Mar. - 16 Jun. 1965	1967
19680074258	A method of determining the absolute spectral responsivity of a radiant energy detector	1967
19680074259	Athena D-056, flight 087 /14 September 1967/ Meteorological data report	1967
19680074260	Ignition temperatures. 1 - Standard pyrotechnic mixture and components	1967
19680074261	Response and damping of parallel clamped- clamped beams joined by viscoelastic links	1967
19680074262	Nuclear antflash shutter system for telescope XM-126 Final report, period ending Jan. 1967	1967
19680074263	Effect of inclusions as measured by ultrasonic methods on the mechanical properties of aircraft quality steel Interim progress report, 1 Jul. - 30 Sep. 1967	1967
19680074265	Investigation of analog techniques to double differentiate Langmuir probe curves	1967
19680074266	The effect of temperature and ultrasound frequency on propellant attenuation using the ERDE ultrasonic flaw detector MK. 3	1967
19680074267	Assessment of the resilience characteristics of natural, nitrile and butyl rubber vulcanizates over the temperature range minus 50 deg to plus 70 deg C	1967
19680074268	A research-oriented scanning radiometer	1967
19680074269	The effect of laser energy on cells in tissue culture Annual progress report, 1 Feb. 1967 - 31 Jan. 1968	1967
19680074270	A selected bibliography on the uses of navigation satellites	1967
19680074271	Research in radiation physics and aerodynamics Semiannual technical summary, 1 Mar. - 30 Sep. 1967	1967
19680074272	Development of miniature UHF telemetry receiver, model R-1415/AKQ-1 Final technical report, 28 Aug. 1964 - 31 Dec. 1965, 15 Jan. 1966 - Jul. 1967	1967
19680074273	James, Pond, Clark check valve, spring poppet type, 1/4 inch 300 psig, manufacturer's part number 220T2-4TB, NASA part number 75 M12944 FCV-10	1967
19680074274	Investigation of single crystal silicon ribbon. Part 2. Optimization of silicon ribbon growth process	1967
19680074275	Plasma instability of a low pressure arc discharge with an applied longitudinal magnetic field	1967
19680074276	Lithium-anode limited cycle battery investigation Annual report, 1 Jan. 1966 - 1 Jun. 1967	1967
19680074282	Liquid throttle engine program /U/ Final report, phase 2	1967
19680074297	Mechanisms of fatigue hardening in copper single crystals Technical report, 1 Apr. 1966 - 31 Mar. 1967	1967
19680074298	Corrosion of materials in hydrospace. Part 2 - Nickel and nickel alloys	1967
19680074299	Preliminary tests of a particulate diffusion model	1967
19680074300	Experiments on thrust vector control by an electric discharge Final report, 14 Sep. - 14 Apr. 1967	1967
19680074301	Vaporization of compounds and alloys at high temperature. Part 31. Mass spectrometric study of the vaporization of the ceramics UO2 and UC	1967
19680074302	Electrochemical processing and discharge treatment	1967
19680074303	Electrochemical processing and discharge treatment	1967
19680074304	Color radiography - A new process of industrial materials testing	1967
19680074305	Improved X-ray radiography of intricate objects with full-field optical sights	1967
19680074306	Nondestructive testing of the depth of carburization	1967
19680074307	Propulsion technology Monthly survey	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074308	Electronics review	1967
19680074309	Possibility of application of the field effect in CdS for the design of a photosensitive switch	1967
19680074310	Universal amplifier circuit for solid-state techniques	1967
19680074311	Pitch synchronous analysis for speech bandwidth compression	1967
19680074312	Problems in sealing aircraft fluid and hydraulic systems	1967
19680074313	Research on high intensity charged particle sources	1967
19680074314	Analytic simulation of the Blue Goose vehicle attitude control system	1967
19680074315	Development of the shim joint concept for composite structural members Final report, 15 Dec. 1966 - 30 Jan. 1967	1967
19680074316	Study and investigation of the dependence of semiconductor surface stability on oxide growth Final report, 4 Apr. 1966 - 3 Apr. 1967	1967
19680074317	Classical calculation of the differential cross section for scattering of hydrogen molecular ions from heavy atoms	1967
19680074318	Approximate self-consistent field calculations of molecular potential surfaces	1967
19680074319	Simultaneous gas chromatographic and activity analysis of the effluent gases from the AGN-201 reactor at the Naval Postgraduate School	1967
19680074320	Night vision system utilizing infrared quantum counters Final technical report, 1 Apr. 1965 - 31 Mar. 1967	1967
19680074321	Growth and properties of Mg ₂ /Sn,Pb/ single crystals Quarterly report, 17 Dec. 1966 - 17 Mar. 1967	1967
19680074343	Application of a diesel injector to supersonic rain erosion simulation	1967
19680074344	A study of the effects of grease lubricants on the vibration of rolling bearing Progress report, 16 May - 16 Aug. 1967	1967
19680074345	Analysis of K-line wavenumber spectra from three WMO noise samples. Advanced array research Special report no. 2	1967
19680074346	Alkali metal resistant electrical devices Quarterly technical progress report, 26 Jun. 1966 - 25 Sep. 1967	1967
19680074347	Accounting for errors in active RC filters	1967
19680074351	Mach number 6 and 8 heat-transfer tests of several 80-deg swept delta wings /U/ Final technical report, 3-7 Jan. 1967	1967
19680074370	Analysis and testing of aircraft seats Quarterly technical progress report, 1 Aug. - 31 Oct. 1967	1967
19680074371	Fundamental research, applied research, test techniques, and facility development Quarterly status report	1967
19680074372	A numerical approach to random response problems	1967
19680074373	Evaporation kinetics of droplets Quarterly progress report, May - Jul. 1967	1967
19680074374	Force feedback inertial instruments	1967
19680074375	Thin layer chromatography applied to propellant stability	1967
19680074377	Proceedings of the OAR Research Applications Conference, volume 2 /U/	1967
19680074378	Impedance-loading, a technique for reducing the radar vulnerability of targets /U/	1967
19680074379	Thermal enhancement techniques - Application to remote sensing of thermal targets /U/	1967
19680074380	Thrust augmentation - Application to jet wing V/STOL aircraft /U/	1967
19680074381	Evaluation of the importance of geometry retention for interceptors utilizing ablative materials /U/	1967
19680074386	Lightweight high-power thermoelectric module development /U/ Quarterly progress report, Jan. - Mar. 1967	1967
19680074396	Manufacturing methods for phase shifters Final technical report, 1 May 1965 - 1 May 1967	1967
19680074397	Heat conduction in hemispherical shells with applications to aerodynamic heating	1967
19680074398	An investigation of explosive oxidations initiated by hypervelocity impacts Final report, 1 Jun. 1966 - 1 Jun. 1967	1967
19680074399	Canberra T. Mk 4 - Radio and navigation trials of V/UHF /ARI 23143/2/. UHF standby /ARI 23057/ and Decca navigator Mk 1 air with cooling /ARI 23076/	1967
19680074400	Study for Basic Subsystem Module Preliminary Definition. Volume 1 - Condensed Summary Final Report	1967
19680074401	Study for basic subsystem module preliminary definition. Volume 7 - Radiators and thermal analysis Final report	1967
19680074402	Payload integration Periodic review report	1967
19680074404	Corrosion and compatibility	1967
19680074405	Surface models	1967
19680074406	A study of cryogenic container thermodynamics during propellant transfer. Volume 3 - Transfer line thermodynamic analysis	1967
19680074407	Lubricity properties of high-temperature jet fuels Annual report, 15 May 1966 - 15 May 1967	1967
19680074408	Frost hollows in west central Alberta	1967
19680074409	The elevated temperature reactivity of boron- metal matrix composite materials Summary technical report, 1 Jul. 1965 - 31 Jul. 1966	1967
19680074410	Low-level critical air turbulence Technical progress monthly report, 6 Jul. - 5 Aug. 1967	1967
19680074412	Crack Propagation in Strain Controlled Fatigue	1967
19680074413	Study of heat transfer characteristics of hot-gas igniters Final report, 16 Jun. 1966 - 15 Jun. 1967	1967
19680074414	Bibliography on marine corrosion	1967
19680074415	Research on the bipolar thruster	1967
19680074416	Evaluation of low-cost materials and manufacturing processes for large solid rocket nozzles	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074417	Development of a subscale manufacturing process for the fabrication of hypereutectic transition-metal carbide composites Interim engineering progress report no. 5, 1 Jul. - 30 Sep. 1967	1967
19680074418	High-strength steel 9Ni-4Co	1967
19680074420	Comparison of measured space-time correlations of turbulent ion density fluctuations with predictions based on a mathematical model	1967
19680074421	An evaluation of ion-induced electron ejection from surfaces in various states of contamination Final report, Jun. 1965 - Jan. 1967	1967
19680074423	Semi-automatic processing of analog records /Application to magnetograms/	1967
19680074424	Development of a laser velocimeter system Technical report, Jul. 1966 - Jun. 1967	1967
19680074425	Research on charged particle electrostatic thrusters Technical report, 15 Jul. 1965 - 15 Jul. 1967	1967
19680074426	High density information recording and display techniques study Final report, 1 Feb. - 20 Apr. 1967	1967
19680074427	Study of noise in semiconductor devices, parts 1 and 2	1967
19680074428	Investigation of fast wave beam-plasma interactions Quarterly report, 1 Mar. - 31 May 1967	1967
19680074429	Toward a new concept in man/machine controls	1967
19680074430	Radcat program. Appendix A Phase 2 technical summary report	1967
19680074431	Identification of selected experimental data on thermal stresses Final report, 15 May 1966 - 14 Sep. 1967	1967
19680074432	The effect of aluminum on the emission spectra of solid propellants in the 7.5 to 15.0 micron region	1967
19680074433	FM receiver sensitivity improvement studies Quarterly report, 15 Feb. - 14 Mar. 1967	1967
19680074434	Manufacturing development for production of high-strength, high-modulus, glass fibers Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680074435	Study of noise in semiconductor devices, parts 1 and 2	1967
19680074436	Numerically controlled gas tungsten arc welding technology development Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680074437	Research on bearing lubricants for use in high vacuum Final annual summary report, 23 Apr. 1966 - 23 Apr. 1967	1967
19680074438	C.V.D. report number 122A to D.N.P.R., October 1966 - March 1967	1967
19680074439	Separation of the atmospheric, interplanetary and stellar components of the night sky at 5000 angstrom. The application to photometry of zodiacal light and the gegenschein	1967
19680074442	Modular nuclear vehicle study, phase 2. Volume 10 - Research and technology implications	1967
19680074444	Modular nuclear vehicle study, phase 2. Volume 9 - Nuclear propulsion module development program plan	1967
19680074445	Modular nuclear vehicle study, phase 2. Volume 4 - Nuclear propulsion module performance	1967
19680074446	A study of cryogenic container thermodynamics during propellant transfer. Volume 2 - Final engineering report	1967
19680074448	Microwave memory acoustic crystals Technical management report number 1, 15 Mar. - 15 Sep. 1967	1967
19680074449	Physical optics applied to cone-sphere-like objects	1967
19680074450	New methods leading to high efficiency in traveling-wave tubes Final report, 1 Mar. 1966 - 1 May 1967	1967
19680074451	Research with the scanning electron microscope Final report, 16 May 1966 - 15 May 1967	1967
19680074452	High-strength, broadband, lightweight silicon oxide radome techniques	1967
19680074453	Investigation of high and low temperature resistant explosive devices Quarterly progress report, 3 Jul. - 30 Sep. 1967	1967
19680074454	Low altitude atmospheric turbulence Lo-locat mid-term technical data analysis Final report, 15 Apr. 1966 - 15 Jan. 1967	1967
19680074455	The extraction by trionylamine of dodecyl benzene sulphonate from aqueous solutions	1967
19680074456	Fatigue behavior of various eye-bars under axial and flexural loadings	1967
19680074457	Molecular structure and materials characterization Annual summary report, Mar. 1966 - May 1967	1967
19680074458	Investigation of transition metal oxides Final report, Mar. 1966 - Mar. 1967	1967
19680074459	Design, analysis and fabrication of a pyroelectric detector mosaic imaging system Interim report	1967
19680074460	Propagation of two simple acoustic transients in an isovelocity layer with perfectly- reflecting boundaries	1967
19680074461	Growth and properties of Mg2/Sn,Pb/ single crystals Quarterly report	1967
19680074462	Aluminum and magnesium - Review of recent developments	1967
19680074463	Economic potential for Europe of application satellites	1967
19680074464	Inelastic scattering of alpha-particles and deuterons on 185Re and 187Re	1967
19680074465	A qualitative and quantitative study of holographic imaging	1967
19680074466	A three-frequency multimegawatt transmitting system	1967
19680074467	Digital computer program for graphite ablation	1967
19680074468	Rigid-body and flexible-body stability criteria for an uncontrolled rotating asymmetric space station with a nonrotating symmetric hub	1967
19680074469	Sea ice growth in arctic Canada	1967
19680074470	Mechanical properties of anisotropic titanium alloy Ti-5Al-2.5Sn Final technical report	1967
19680074471	Phase 3 electromagnetic compatibility between the AN/ARC-96 VLF/LF system and other systems in the EC-135C aircraft, supplement 1	1967
19680074472	Development of flame resistant constant wear garment Final report	1967
19680074473	Spacecraft utilizing the lifting and ballistic reentry technique Surveys of foreign scientific and technical literature	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074474	A study of cryogenic container thermodynamics during propellant transfer. Volume 4 - Tank fill thermodynamic analysis	1967
19680074475	A study of cryogenic container thermodynamics during propellant transfer. Volume 5 - Complete system thermodynamic analysis Final report	1967
19680074476	Application of blade-element techniques to design and performance prediction problems for axial-flow turbomachinery Progress report, 1 Apr. - 30 Sep. 1967	1967
19680074477	A study of cryogenic thermodynamics during propellant transfer. Volume 1 - Summary Final report	1967
19680074478	Instrumentation	1967
19680074479	Oxidation-resistant coatings for refractory metals	1967
19680074480	Germanium avalanche diode Final report	1967
19680074481	Coldweld hi reliability quartz crystal units CR-1018 and CR-65/U Quarterly progress report, 25 Nov. 1966 - 25 Feb. 1967	1967
19680074483	Meteor research program Bimonthly progress report, 1 Aug. - 30 Sep. 1967	1967
19680074484	Electrophoretic deposition of refractory metals coatings Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680074485	Fairbanks climate calendar Final report, 1930 - 1965	1967
19680074486	Current and future trends in the utilization of titanium	1967
19680074488	Study for basic subsystem module preliminary definition. Volume 9 - Stabilization and control Final report	1967
19680074489	Study of the Martian Atmospheric Environmental Requirements for Spacecraft and Entry Vehicles Final Report	1967
19680074491	Detailed test objectives for improved Delta launch vehicle spacecraft - RAE-A	1967
19680074492	Study of Low-acceleration Space Transportation Systems. Volume 2 - Technical Report Final Report	1967
19680074493	Suboptimum control methods applied to the reentry problem	1967
19680074494	Definition of experimental tests for a manned Mars excursion module, phase 2 Report summary briefing	1967
19680074495	Test and evaluation of matrix Bacon cell stack Final report	1967
19680074497	The effect of external fuel injected on the fuel-air mixing efficiency and inlet performance of a supersonic combustion ramjet engine	1967
19680074498	The development of a technique for improving rocket motor designs through production cost analysis Final report	1967
19680074499	Telemetric equipment for artificial satellites	1967
19680074500	Fabrication investigations and biaxial compression fatigue and creep evaluation of the ERLA-4617 preimpregnated fiberglass composite system	1967
19680074502	Delta 5-error analysis of a linear formula for two-stage vehicle weight optimization	1967
19680074504	Investigation of near critical and supercritical burning of fuel droplets Quarterly progress report, 1 Sep. - 30 Nov. 1967	1967
19680074508	Theory of mixed Fermi-Bose systems with arbitrary numbers of interacting species	1967
19680074509	Low acceleration space transportation system study. Volume 1 - Summary report Final report	1967
19680074510	Low acceleration space transportation system study. Volume 3 - Development costs and schedules Final report	1967
19680074511	OSO-D revised DTO trajectory - Advance copy	1967
19680074512	Calorimeter optimization program Interim report	1967
19680074513	A derivation of the signal-to-noise ratio for a laser-reflectance measurement system	1967
19680074514	Radiation effects on electronic parts and materials Final report, 15 Jun. 1966 - 14 Jun. 1967	1967
19680074515	Electron wave interaction in solids Interim report, 1 Mar. - 31 May 1967	1967
19680074516	Microwave nanosecond pulse-generator study Final technical report, Feb. 1966 - Aug. 1967	1967
19680074517	Experiments with two automatically tuned hydrogen masers	1967
19680074519	Feasibility study of bandwidth reduction for a high speed facsimile transmission system Final report, 29 Dec. 1966 - 8 Aug. 1967	1967
19680074521	Computer mission scheduling /COMIS/ program development and use	1967
19680074522	Multilayered boards Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19680074523	Investigation of impaction mechanisms of particles on collectors in turbulent flow Quarterly report, Feb. - May 1967	1967
19680074524	Experimental performance of a 60-deg-slant, segmented wall, magnetohydrodynamic electric power generator	1967
19680074525	Manufacturing methods for UHF amplifier tube Interim engineering progress report no. 2, 1 Jul. - 30 Sep. 1967	1967
19680074526	Effects of surround illumination on visual performance Final report, Mar. 1966 - Mar. 1967	1967
19680074527	An experimental study of heat transfer rates and recovery temperatures in a nearly triangular fin	1967
19680074529	Detailed test objectives for improved Delta launch vehicle spacecraft - Geos-B	1967
19680074530	An interim report on nanosecond pulse propagation over line of sight paths	1967
19680074531	The present state of scientific research on electrode processes in fuel cells	1967
19680074532	Dormant operating and storage effects on electronic equipment and part reliability Final technical report, May 1965 - Mar. 1967	1967
19680074533	Mechanisms associated with long time creep phenomena. Part 2 - Evaluation of long time creep results	1967
19680074534	An experimental ultrasonic image system for underwater vision	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074535	A solid state pulse-shaper-frequency-converter	1967
19680074536	The feasibility of attaining a specified lunar orbit	1967
19680074537	Theory of operation of field-effect transistors beyond pinch-off	1967
19680074539	Bulletin of the Radio and Electrical Engineering Division, volume 17, number 2, April - June 1967	1967
19680074540	Power law body interaction with an oblique blast wave Final report	1967
19680074542	A research study of the application of describing function techniques to systems containing multiple nonlinearities Final technical report	1967
19680074543	Study for basic subsystem module preliminary definition. Volume 2 - Technical summary Final report	1967
19680074544	Operational meteorological support to U.S. Army RDT and E activities Annual report	1967
19680074545	Nike-Apache Speedball 2, round no. 111, SN 46 /20 September 1967/ Meteorological data report	1967
19680074546	An evaluation and comparison of power systems for long-duration, manned space vehicles	1967
19680074547	Long-life cold cathode studies for crossed- field tubes Quarterly report, 15 Apr. - 15 Jul. 1967	1967
19680074548	Study of low-acceleration space transportation systems. Volume 3 - Low-acceleration interplanetary flight handbook Final report	1967
19680074549	Arbitrarily curved triangular shell elements	1967
19680074550	Theory and technique of cyclic voltammetry	1967
19680074551	Investigation of biochemical stabilization of aqueous solutions of organic compounds by unsaturated flow through porous media Semiannual status report	1967
19680074552	Electrochemical systems heat and mass transfer Quarterly progress report, 6 Jun. - 6 Sep. 1967	1967
19680074553	F-4J airplane demonstration planning and progress report	1967
19680074554	Study for basic subsystem module preliminary definition. Volume 3 - 1971 configuration Final report	1967
19680074555	A device for the automatic calculation of correlation functions of acoustic signals	1967
19680074556	Study for basic subsystem module preliminary definition. Volume 2 - Technical summary. Addendum A - Supporting research technology Final report	1967
19680074557	Lunar orbital survey missions. Volume 1 - Summary Final report	1967
19680074559	Study for basic subsystem module preliminary definition. Volume 10 - Program definition Final report	1967
19680074560	A stochastic approach to the theory of fluctuations in plasmas	1967
19680074562	Low acceleration space transport system study, volume 2 Final report	1967
19680074564	The development of three-dimensional wave packets in a boundary layer	1967
19680074565	Variable laser-acoustic delay lines Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680074566	Apollo reentry simulation program	1967
19680074567	Evaluation of an auxiliary cockpit air control for the F-4 cockpit air conditioning system Final report	1967
19680074568	Research in discrete information processing Final report, 1 Sep. 1964 - 31 Aug. 1967	1967
19680074569	Micropower functional electronic blocks Interim technical report	1967
19680074570	Diode characteristics from junction impedance measurements Interim report	1967
19680074571	A new high-speed general purpose input/output mechanism with real-time computing capability	1967
19680074572	Electromagnetic coupling reduction techniques Quarterly report, 15 May - 14 Aug. 1966	1967
19680074573	The determination of moisture in permanent gases. Part 2 - Compressed gases	1967
19680074574	Evaluation of fuel cell electrodes Final technical report, 26 May 1966 - 26 May 1967	1967
19680074575	JTA manufacturing methods development Interim progress report, 1 Jun. - 31 Aug. 1967	1967
19680074576	The testing of an experimental viscous friction coupled small north orienting device	1967
19680074577	Expanded Little IDA - Instrumentation. Interim report, 15 Sep. 1966 - 15 Jun. 1967	1967
19680074578	Report of nitrogen tetroxide exposure test on model 8508 titanium propellant tanks	1967
19680074579	Experimental program to determine the thermodynamic properties of solutions of liquefied light gases Quarterly progress report, Jul. 15 - Oct. 15, 1967	1967
19680074580	Machine finishing of titanium parts Manufacturing research report	1967
19680074582	Titanium - Evaluation of Freon for machining Manufacturing research report	1967
19680074583	Hydraulic plumbing for advanced aerospace vehicles Quarterly technical report, Jun. 30 - Sep. 30, 1967	1967
19680074584	Planar converters for radioisotope generators Final report, 1 May 1966 - 30 Apr. 1967	1967
19680074585	Probability densities for diffusion processes with applications to nonlinear filtering theory and detection theory	1967
19680074586	Hot forming and machining STA Ti-6Al-4V extruded beam caps Manufacturing research report	1967
19680074587	Report on aircraft turbine engine bird strike investigations	1967
19680074588	A description of the OSU X-band satellite communications array facility Interim report	1967
19680074590	Ceramic tooling methods for elevated temperature vacuum flanging of titanium	1967
19680074591	Mig welding of corrugations	1967
19680074592	Missile phenomenology studies Semiannual technical summary report, Apr. - Sep. 1967	1967
19680074594	Earth resources surveys from space	1967
19680074595	Lunar orbital survey missions. Volume 2 - Lunar orbit flight mechanics and mission analysis handbook Final report	1967
19680074596	Large-area electronics display panel Quarterly progress report, 1 Mar. - 31 May 1967	1967
19680074597	Ablative plastics characterization. Part 1 - Arc-heater screening	1967
19680074598	Studies of infrared image converter /Solid- state type and vacuum type/	1967
19680074599	Investigation of commercially available two-way electrical connectors and techniques used with dissimilar conductors /aluminum- copper/ Final report, 1 Jul. 1966 - 30 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074600	Modular nuclear vehicle study, phase 2. Volume 5 - Nuclear propulsion module - Flight safety studies	1967
19680074601	A program to derive analytical model representations of the Apollo spacecraft and its launch vehicles. Apollo lateral analysis - Ground winds and launch release /GRALL/ computer program users manual Final report	1967
19680074602	A program to derive analytical model representations of the Apollo spacecraft and its launch vehicles. Multiple Random Disturbances /MRD/ computer program users manual Final report	1967
19680074603	A program to derive analytical model representations of the Apollo spacecraft and its launch vehicles. Local loads analysis /LOLO/ computer program users manual Final report	1967
19680074604	Chemical milling titanium alloy SST wing skin panel finger plates Manufacturing research report	1967
19680074623	Study for evaluation of plug multichamber configurations, phase 2 /U/ Final report	1967
19680074625	Propellants and combustion Surveys of foreign scientific and technical literature	1967
19680074627	Study for basic subsystems module preliminary definition Final briefing	1967
19680074630	Acoustic emission from graphite under stars	1967
19680074631	Physics studies in W.A.G.R. and HERO	1967
19680074632	Flight report for Delta vehicle S/N 20213 Delta program mission no. 50 spacecraft - AIMP-E	1967
19680074633	Tank modes program /TAMP/, computer program users manual Final report	1967
19680074634	Statistical Loads Combination /SLC/, computer program users manual Final report	1967
19680074635	Entry Trajectory Simulation /ETS/, computer program users manual Final report	1967
19680074636	Definition of astronics system modifications required to implement selected vehicle configurations. Volume 1 - Summary of results Final report, 13 Apr. - 13 Nov. 1967	1967
19680074637	Definition of astronics system modifications required to implement selected vehicle configurations. Volume 2 - Modifications to the astronics system handbook, Saturn launch vehicles, for selected vehicle astronics systems Final report, 13 Apr. - 13 Nov. 1967	1967
19680074638	Definition of astronics system modifications required to implement selected vehicle configurations. Volume 3 - Selected vehicle configurations MLV-SAT-1B-11.7B MLV-SAT-1B-13.7B core vehicle	1967
19680074639	Definition of astronics system modifications required to implement selected vehicle configurations. Volume 4 - Selected vehicle configuration MLV-SAT-1B-5A	1967
19680074640	Definition of astronics system modifications required to implement selected vehicle configurations. Volume 5 - Selected vehicle configuration MLV-SAT-1B-27	1967
19680074641	Definition of astronics system modifications required to implement selected vehicle configurations. Volume 6 - Selected vehicle configuration MLV-SAT-V-4/S/B	1967
19680074642	Definition of astronics system modifications required to implement selected vehicle configurations. Volume 7 - Selected vehicle configuration MLV-SAT-INT-20	1967
19680074643	A program to derive analytical model representations of the Apollo spacecraft and its launch vehicles. Wind Shear Influence Coefficients /WSIC/ computer program users manual Final report	1967
19680074644	Testing of liquid-metal boilers for Rankine-cycle power systems. Volume 1 - Discussion Technical report, Oct. 1964 - Sep. 1966	1967
19680074646	Research and development of microwave tubes and devices Quarterly report, 1 Mar. - May 1967	1967
19680074647	Development of improved techniques for the extrusion of thin Lockalloy shapes Interim engineering progress report, 15 Jun. - 15 Sep. 1967	1967
19680074648	End conduction and angle of incidence effects in single hot wire anemometer probes	1967
19680074649	The effect of defects on the basal plane thermal conductivity of a graphite crystal. Part 4 - Thermal conductivity changes in polycrystalline graphite under fast neutron irradiation	1967
19680074650	The correlation of graphite irradiation	1967
19680074651	A program to derive analytical model representations of the Apollo spacecraft and its launch vehicles. Lateral dynamics - Launch vehicle Final report	1967
19680074652	A program to derive analytical model representations of the Apollo spacecraft and its launch vehicles. Longitudinal dynamics and staging launch vehicle Final report	1967
19680074653	A program to derive analytical model representations of the Apollo spacecraft and its launch vehicles. Lunar landing statistical loads analysis Final report	1967
19680074654	Comparison of the computed and observed radio attenuation in the exhaust plums of Blue Streak	1967
19680074655	Launch vehicle requirements for reentry research missions at 40,000 to 60,000 fps velocity. Volume 4 - Tracking and data acquisition evaluation	1967
19680074656	Study of combined effects of space environmental parameters on space vehicle materials Quarterly progress report, 1 Aug. - 31 Oct. 1967	1967
19680074657	Mechanisms of energy transfer in solids and gases	1967
19680074658	Transformation kinetics of the beta yields alpha phase change in a uranium-0.25 at per cent chromium-0.5 at per cent molybdenum alloy	1967
19680074659	Performance and applications of the laser	1967
19680074660	Screening and evaluation of low-temperature fuel-resistant elastomers Interim report, 24 Dec. 1966 - 24 Jul. 1967	1967
19680074661	Adaptive filtering of seismic array data advanced array research	1967
19680074662	Spacecraft Maneuver Engine Transients /SMET/, computer program users manual Final report	1967
19680074663	Polyphenylene resin /aromatic/ Interim progress report, 1 Jul. - 30 Sep. 1967	1967
19680074664	Apollo lateral loads analysis - Flight loads /FALL/ computer program users manual Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074665	A program to derive analytical model representations of the Apollo spacecraft and its launch vehicles - Program summary Final report	1967
19680074666	Nonlinear flight loads analysis Final report	1967
19680074667	Statistical Loads Analysis Program /SLAP/ computer program users manual Final report	1967
19680074669	Apollo Lunar Landing Analysis /ALLA/, computer program users manual Final report	1967
19680074670	Modal analysis for the response of coupled systems, computer program users manual Final report	1967
19680074671	Prediction of HF modes caused by field-aligned ionization Final report	1967
19680074674	Aerial seawater-sampling system	1967
19680074677	A research program on solid propellant physical behavior Annual report, 1 Feb. 1966 - 31 Jan. 1967	1967
19680074678	Development and evaluation of diffusion bonded laminated sections Interim progress report, 1 Apr. - 31 Aug. 1967	1967
19680074679	Analysis of trace metallic contaminants in jet fuels by neutron activation	1967
19680074680	Simulation of transient surface loads using plane, cylindrical, and spherical blast waves	1967
19680074681	Analytical calibration of dc electromagnetic flowmeter Semiannual status report, 1 Feb. - 15 Jun., 16 Sep. - 31 Oct. 1967	1967
19680074682	Use of large solid motors in booster applications. Volume 1 - Summary report	1967
19680074684	Radar backscattering from a cratered lunar model	1967
19680074685	A study of cryogenic container thermodynamics during propellant transfer. Volume 6 - Test data summary Final report	1967
19680074686	Comparison of the frequency responses and time constants of mineral insulated thermocouples in sodium and water	1967
19680074704	Fireball ablation. Volume 4. Quasi-steady analysis of ablation in subsonic flow /U/	1967
19680074707	Investigation of speech processing studies Final report, Oct. 1965 - Apr. 1967	1967
19680074708	Refractory metal coatings by the fused salt method Final report, 1 Jul. 1965 - 1 Jun. 1967	1967
19680074709	Information processing in the functional visual field	1967
19680074710	Lunar orbital survey missions. Volume 3 - Selenocentric optimal three-impulse maneuvers Final report	1967
19680074711	Experiments on shock tube seeding Final report, Aug. 1964 - Aug. 1967	1967
19680074712	Launch vehicle requirements for reentry research missions at 40,000 to 60,000 fps velocity Summary report	1967
19680074713	Digital voice compression study Final report	1967
19680074714	Non-metallic materials Technical report, 1 Jul. - 31 Dec. 1966	1967
19680074715	Development of manufacturing methods for integrated circuits using MOS transistors Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19680074716	Glass fiber manufacturing process development	1967
19680074717	Radcat program, appendix B	1967
19680074718	The electrical coupling mechanism in the ionosphere	1967
19680074719	Range extension and component resolution of the laser velocimeter Interim report, Jan. - Jul. 1967	1967
19680074720	Theoretical study of engine exhaust nozzle airframe integration Final report, 27 Jun. 1966 - Mar. 1967	1967
19680074721	Ionospheric research. A summary of blunt probe theory and experimental results Final report, 1 Apr. 1964 - 31 Jul. 1967	1967
19680074722	Frequency temperature compensation techniques for quartz crystal oscillators Final report, 1 Mar. 1965 - 1 May 1967	1967
19680074723	Definition of experimental tests for a manned Mars excursion module phase 2 report	1967
19680074724	A program to derive analytical model representations of the Apollo spacecraft and its launch vehicles. Docking analysis Final report	1967
19680074725	A program to derive analytical model representations of the Apollo spacecraft and its launch vehicles. Spacecraft dynamics Final report	1967
19680074726	Manufacturing methods for epitaxially growing gallium arsenide-gallium phosphide single crystal alloys Interim engineering progress report, 1 Jun. - 31 Aug. 1967	1967
19680074727	Review of the satellite motion about its mass center	1967
19680074728	Development of coatings for columbium base alloys. Part 1 - Basic property measurements and coating system development Summary technical report, 1 Jul. 1964 - 31 Oct. 1966	1967
19680074729	Study for basic subsystem module preliminary definition. Volume 5 - Reliability and failure modes and effects analysis Final report	1967
19680074730	High temperature avalanche radiation detector Final technical report, 15 Dec. 1966 - 15 Jun. 1967	1967
19680074731	Raindrop distributions at Franklin, North Carolina Technical research report, 21 Dec. 1960 - 25 Mar. 1962	1967
19680074732	Infrared techniques in warfare	1967
19680074733	Material behavior in wires of 1100 aluminum subjected to transverse impact Technical report, 1 Jul. 1966 - 30 Jun. 1967	1967
19680074734	High speed power amplifier using an electron switched p-n junction, phase 1 Final report, 14 Jun. - 14 Oct. 1967	1967
19680074735	Development of a laser plasma probe	1967
19680074736	Microwave diode research Interim report, 10 Sep. 1966 - 9 Mar. 1967	1967
19680074737	High temperature oxidation of alloys - Cobalt-chromium base alloys Semiannual report, 1 May - 31 Oct. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074738	Analytic finite burn models	1967
19680074739	Gridded amplifier tubes for pulsed C-band frequencies Quarterly progress report, 15 Mar. - 14 Jun. 1967	1967
19680074740	Study for basic subsystem module preliminary definition. Volume 4 - 1973 configurations and structural arrangement Final report	1967
19680074742	Filament-metal matrix composite motor case study Final technical report, 30 Jun. 1966 - 30 Jun. 1967	1967
19680074744	Study for basic subsystem module preliminary definition. Volume 6 - Environmental control and life support Final report	1967
19680074745	Study for basic subsystem module preliminary definition. Volume 8 - Electrical power systems Final report	1967
19680074746	Review and extension of inversion techniques in radiation transfer	1967
19680074747	A bibliography of electron swarm data	1967
19680074748	Remote probing of high cloud cover via satellite-borne lidar Quarterly report, 15 Aug. - 15 Nov. 1967	1967
19680074749	Hand solution of one-dimensional inelastic wave-propagation problems Technical report, 30 Jan. - 18 Apr. 1967	1967
19680074750	Optimum tuned dampers for randomly excited dynamic systems Summary report, 1 Nov. 1966 - 30 Apr. 1967	1967
19680074751	Test results of four types of precision shaft angle encoders	1967
19680074752	An analysis of the forecast errors arising from operational use of the Jarvis technique at the Atlantic Weather Central, 1 October 1965 to 31 March 1966	1967
19680074753	Protective organic coatings for general external aircraft application	1967
19680074756	Radcat program Phase 2 technical summary report	1967
19680074757	Titanium panel extrusion development program Interim engineering progress report number 5, 15 May - 15 Aug. 1967	1967
19680074758	Portable electron beam welding of titanium structures Manufacturing research report	1967
19680074759	The precision of mean Hertz load determinations	1967
19680074760	The construction of a radio transmitter for the short range telemetry of cat electroencephalograms	1967
19680074784	Effect of bead width on electron beam weld quality Manufacturing research report	1967
19680074785	Electron beam welding waffle skin and flame Manufacturing research report	1967
19680074786	Evaluate civil DME interrogators on ICAO mode Y channels operation Interim report	1967
19680074787	High-power-dissipation laser structures Final report	1967
19680074788	Research on new concepts in energy conversion Quarterly technical progress report, 1 Jun. - 31 Aug. 1967	1967
19680074789	A statistical description of an ionospheric channel	1967
19680074790	Quarterly status report, 1 April through 30 June 1967	1967
19680074791	Manufacturing methods for cryoelectric memories Final report, Jun. 30, 1966 - May 29, 1967	1967
19680074792	Superdirective antennae	1967
19680074793	A Kalman filter for near-nominal ascent guidance application	1967
19680074794	Stabilized and precessional motion solutions for axi-symmetric satellites	1967
19680074795	Quartz crystal unit type CR-67/U and CR-/XM-67//U production engineering measure Quarterly progress report, 25 Nov. 1966 - 25 Feb. 1967	1967
19680074796	Research on the resonant gate transistor Technical report, 1 Aug. 1966 - 31 Jul. 1967	1967
19680074797	Mechanical-property data HP 9Ni-4Co-45C steel	1967
19680074798	Solid propellant rocket motor internal ballistics computer program /user's guide/	1967
19680074799	Experimental analysis of hybrid rocket fuels for MHD pulse power generation Final technical report, 2 Mar. 1965 - 2 Apr. 1967	1967
19680074800	Integrated circuit processing	1967
19680074801	Arc-driven MHD generator Interim technical report, 1 Jul. - 30 Sep. 1967	1967
19680074802	Process development for titanium wheel forgings for F-111 aircraft Interim engineering progress report, 1 Jun. - 31 Aug. 1967	1967
19680074803	Effects of reflection characteristics of a limonite surface on radiation emerging from a model Martian atmosphere	1967
19680074804	Honest John missile no. 2804, round no. 559 APL /21 September 1967/ and Honest John missile no. 2874, round no. 560 APL /21 September 1967/ Meteorological data report	1967
19680074805	Optical heterodyne detection of a randomly distorted signal beam	1967
19680074806	Manufacturing methods for aircraft tires made by filament-winding techniques Interim engineering report, 1 May - 30 Sep. 1967	1967
19680074807	Aerobee NASA 4.243 DS /5 October 1967/ Meteorological data report	1967
19680074808	Determination of the effects of copper in stability problems encountered with gas turbine fuels Final report	1967
19680074809	Aerobee NASA 4.152 GS /3 October 1967/ Meteorological data report	1967
19680074810	The drag of vane-type vortex generators in compressible turbulent flow	1967
19680074811	Monolithic infrared mosaic sensors Interim technical report, 1 Jul. - 30 Sep. 1967	1967
19680074812	Germanium photodiode radiometer Quarterly report, 1 Jun. - 31 Aug. 1967	1967
19680074813	High power laser amplifier chain techniques Final report, 15 Apr. 1966 - 1 Jul. 1967	1967
19680074814	Solid state HF linear amplifier Final report	1967
19680074815	Advanced electron optics Technical report, 1 Jul. 1966 - 30 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074816	Considerations for the application of 254 nanometer ultraviolet photography to night aerial reconnaissance Technical documentary report, Oct. 1966 - Jul. 1967	1967
19680074817	Project AHT Final report, 14 Dec. 1965 - 14 Dec. 1966	1967
19680074818	Improved point-source and line-source compact antenna ranges Interim report, 28 Apr. 1966 - 28 Jun. 1967	1967
19680074819	Effects of lubricants on helicopter spur gear fatigue Quarterly progress report, May - Aug. 1967	1967
19680074820	Microelectronic UHF transmitter Final report, 15 Mar. 1966 - 1 Aug. 1967	1967
19680074821	Near field noise analysis of aircraft propulsion systems with emphasis on prediction techniques for jets Final report, Jul. 1965 - Apr. 1967	1967
19680074822	Aerodynamic effects on a structure oscillating within a confined cavity Technical report, 15 Jan. 1966 - 1 Sep. 1967	1967
19680074823	Epitaxial growth of ferromagnetic garnets Quarterly report, Apr. - Jun. 1967	1967
19680074824	Wave and diagnostic studies of plasmas Final report, 1 May 1966 - 30 Apr. 1967	1967
19680074825	Sparta program Quarterly technical report, 1 Jul. - 30 Sep. 1967	1967
19680074826	Experimental study of the compressible turbulent boundary layer skin friction and heat transfer in the fully rough regime	1967
19680074827	Propagation of high intensity sound waves	1967
19680074828	Corrosion and fatigue evaluation of spar cap specimens from HU-16 wings Final report, 22 Mar. 1966 - 1 Sep. 1967	1967
19680074829	Abutment reactions in right bridge decks due to the sixteen wheeled abnormal load vehicle	1967
19680074830	Diode control research Quarterly progress report, 1 Jun. - 1 Sep. 1967	1967
19680074831	Model F-4J direct lift control Final report, 1 Jul. - Dec. 1966	1967
19680074832	Translations on French nuclear, missile, space and related military developments, no. 118	1967
19680074834	Studies in orbital navigation and optimal filtering. Volume 2 - Computer program	1967
19680074835	Power-handling capability of radiating systems in the exoatmosphere Technical report, Sep. 1966 - Aug. 1967	1967
19680074836	Development of new and improved forging lubricants, phase 2 Interim engineering progress report, 1 May - 30 Sep. 1967	1967
19680074837	Study of surface properties of atomically- clean metals and semiconductors. Study of ZnO and CdSe surfaces by LEED Semiannual report, 1 Mar. - 31 Aug. 1967	1967
19680074838	A comparison of response times using various visual display components	1967
19680074839	Production engineering measure for a phase 2 super power hydrogen thyratron tube Quarterly progress report, 7 Dec. 1966 - 6 Mar. 1967	1967
19680074840	Lubricity properties of high-temperature jet fuels Quarterly report, 15 May - 15 Aug. 1967	1967
19680074841	A study of some methods of adaptive signal detection Technical report, Jun. 1964 - May 1966	1967
19680074842	Gravity-assisted trajectories for solar probe missions	1967
19680074843	Operating manual for a digital program to calculate unit inertia loads on a missile	1967
19680074844	Lithium-chlorine electrochemical energy storage system Final technical report, 13 Dec. 1965 - 13 Mar. 1967	1967
19680074845	Little John missile no. 2171, round no. 658 RM /19 October 1967/ Meteorological data report	1967
19680074846	Development of composite structural materials for high temperature applications Quarterly report, 25 May - 24 Aug. 1967	1967
19680074847	Shrouded propeller test program. Volume 4 - Data Engineering report, Dec. 1965 - May 1966	1967
19680074848	Shrouded propeller test program. Volume 3 - Data Engineering report, Dec. 1965 - May 1966	1967
19680074849	Shrouded propeller test program. Volume 1 - Data analysis Engineering report, Dec. 1965 - May 1966	1967
19680074850	Improvement of beryllium by splat cooling Final report	1967
19680074851	Aerobee NASA 4.239 US /19 October 1967/ Meteorological data report	1967
19680074852	Analysis of Mars lander data transmission to Earth via direct or orbiter relay link	1967
19680074853	A nonlinear computer model for low beta plasma interchange instabilities	1967
19680074854	Development of improved cutting tool materials Interim engineering progress report, 15 Jun. - 15 Sep. 1967	1967
19680074855	Study of correlation coding Final report, 21 Feb. 1966 - 22 Jun. 1967	1967
19680074856	Large-array signal and noise analysis. Wiener nontime-stationary processing Special scientific report no. 14	1967
19680074857	Development program for X-band 2.5 watt traveling-wave tube satellite amplifier Final report, Mar. 1963 - May 1967	1967
19680074858	The aerodynamic characteristics of low-aspect- ratio wing configurations at Mach numbers up to 1.30 Final report, 1 Jul. 1965 - 1 Jul. 1967	1967
19680074859	Solid state image intensifier panels Final report, 30 Jun. 1965 - 31 Jan. 1967	1967
19680074860	Radiolysis and ion mobility in some liquid organic systems Final report, Jan. 1965 - Jun. 1967	1967
19680074861	Unconventional antenna techniques for improved azimuth resolution Final report, Jun. 1963 - Jun. 1967	1967
19680074862	Manufacturing methods for plastic airframe structures by filament winding Quarterly report	1967
19680074863	Promenade - An on-line pattern recognition system Final report, 12 Apr. 1966 - 11 Apr. 1967	1967
19680074864	Discrete recursive estimation - An optimum automated data processing technique for multi-radar tracking systems	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074865	Large-scale integrated circuit arrays Interim technical report, 1 Jul. - 30 Sep. 1967	1967
19680074866	Research on tropical rainfall patterns and associated mesoscale systems Semiannual report, Mar. - Aug. 1967	1967
19680074867	Growth of alpha-aluminum oxide whiskers	1967
19680074868	Electrostatic waves in bounded hot plasmas	1967
19680074869	A pilot study of climatological rainfall patterns around Malton	1967
19680074870	Production engineering for cesium beam tubes Progress report, 23 Feb. 1966 - 27 Jul. 1967	1967
19680074871	The intertropical convergence zone and vertical motions using a diagnostic numerical model	1967
19680074872	Geoid charts of North and Central America	1967
19680074873	Pulsed magnetic field ferromagnetic microwave generator Quarterly report	1967
19680074874	Large scale integrated circuit array Interim technical report, 16 Apr. - 15 Jul. 1967	1967
19680074875	Optimization of a ground effect machine	1967
19680074876	Thin-film infrared mosaic sensor	1967
19680074877	Exploratory development of a radiation damage exposure measurement technique	1967
19680074878	Characteristics of cylindrical arrays for broad-band signals	1967
19680074879	Investigation of thermodynamic properties of rocket combustion products Final technical report, 1 Jan. 1966 - 3 Jul. 1967	1967
19680074880	Propulsion technology	1967
19680074881	Device independent output system Final report, Jul. 1966 - Aug. 1967	1967
19680074882	SNAP-7B isotopic power supply	1967
19680074883	Continuously variable laser-acoustic delay lines Final report, 27 Apr. 1966 - 26 Jun. 1967	1967
19680074884	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680074885	Instrumentation of infrared gondola no. 10	1967
19680074886	Basic principles of self-replicative information storage in chemical systems Final technical report, 1 Mar. 1966 - 15 Sep. 1967	1967
19680074887	Development of improved cutting tool materials Interim engineering progress report, 16 Jun. - 15 Sep. 1967	1967
19680074888	Research and development on a non-scanning spectrum analyzer Interim development quarterly report, 1 Jun. - 31 Aug. 1967	1967
19680074889	Group contraction and impact parameter representation of high-energy scattering	1967
19680074890	APL geodetic satellite project /ANNA/ Status report, Jan. - Mar. 1967	1967
19680074891	Design calculations of vessels for storage of low boiling liquids with vapor cooled radiation shields	1967
19680074892	Study of thin film oxide electrolytes Progress report, 1 Jun. - 31 Aug. 1967	1967
19680074893	Stereo flash X-ray photoattitude station for use on ballistic ranges	1967
19680074894	Chemiluminescent methods for the determination of the absolute magnitude of the termination rate constants of peroxide radicals in the liquid phase	1967
19680074895	Transfer characteristics of the image isocon television pickup tube	1967
19680074896	High temperature polymers from 1,3-dipolar addition reactions Quarterly progress report, 1 Aug. - 31 Oct. 1967	1967
19680074897	Laboratory evaluation of liquid nitrogen anticondensation system for airborne camera pods	1967
19680074898	Study of aviation-fuel filter/separators Quarterly progress report, 20 Apr. - 19 Jul. 1967	1967
19680074899	Fracture toughness, fatigue and corrosion characteristics of high strength aluminum extrusions and plate Quarterly technical management report, 27 Jun. - 27 Sep. 1967	1967
19680074900	Investigation of rotary actuation technique	1967
19680074901	1,2,4-oxadiazole model compounds and polymers	1967
19680074903	Spiral transfer orbits from earth to moon	1967
19680074904	An example of the application of ECAP to circuit analysis of an ac power supply	1967
19680074905	Measured Fresnel zone statistical gain characteristics of some radar antennas	1967
19680074906	Demonstration of advanced post boost propulsion subsystems Quarterly technical report, Jul. - Sep. 1967	1967
19680074907	Multiple frequency radars for clutter discrimination	1967
19680074909	Plasma physics and ionospheric research in Scandinavia	1967
19680074910	The effect of correlation on the reliability of series systems with joint normally distributed component failure times	1967
19680074911	The CARDE turbulent hypersonic point measurement program	1967
19680074912	On the albedo of a water surface	1967
19680074913	Deformation processing of anisotropic metals Final report, 1 Jul. 1966 - 30 Jun. 1967	1967
19680074914	Orbital fuel cell Quarterly technical report	1967
19680074915	Development of 1-kilowatt, 1-kilovolt audio transistor and driver transistor for sonar applications Interim engineering report, 16 May - 16 Aug. 1967	1967
19680074916	A device for shaping crystals by etching	1967
19680074917	The Doppler effect in space travel	1967
19680074918	Laminar, transition and turbulent boundary layer characteristics with favorable pressure gradient M1 equals 9.6 inches	1967
19680074919	The performance of antifreeze solutions in the liquid conditioned suit	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074920	Radial and axial velocity profiles of hypersonic and supersonic wakes measured by the sequential spark method	1967
19680074921	A preliminary examination of the utility of airbreathing propulsion as applied to launch vehicles for automated space missions	1967
19680074922	A note on turbulence problems associated with take-off and landing	1967
19680074923	Welding of plastics. 2 - Report of the Second Special Symposium, Welding of Plastics, Mannheim 1961	1967
19680074925	Hercules C Mk. 1 - Heavy air-drop techniques	1967
19680074926	Preliminary AC-14 Atlas-Centaur flight evaluation /launched 11-7-67/	1967
19680074927	Analytical study of catalytic reactors for hydrazine decomposition Quarterly progress report, 15 Jul. - 14 Oct. 1967	1967
19680074928	Theoretical nuclear astrophysics	1967
19680074929	The gas laser, the aluminum-foil milk, the viewing tube, and the spark-plug guard	1967
19680074930	Propellant hazards research facility	1967
19680074931	Free-fall parachute automatic opening device - KAP 3	1967
19680074932	L-band tetrodes Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19680074933	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19680074934	Lance 06502 missile no. XTP-58, round no. 53 RSL /17 October 1967/ Meteorological data report	1967
19680074935	Expanded oscilloscopic presentation of mass spectra from a Bendix "time of flight" mass spectrometer	1967
19680074936	Investigation of integrated circuit reliability and causes of failure Annual report, 1966	1967
19680074937	Solid propellant rocket motor internal ballistics computer program. Volume 1 - Program manual	1967
19680074939	Density measurements in a square cross-section shock tube	1967
19680074940	Multiparticle amplitudes and the sheet structure of S-matrix singularities	1967
19680074941	Hypersonic waves in piezoelectric crystals /Research Project RP-8-32/ Final report, Apr. 1963 - Nov. 1966	1967
19680074942	On the dominance of airblast energy in the seismograms from explosions on the surface	1967
19680074943	Study of grinding process as applied to high-strength and thermal-resistant alloys Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680074944	A stainless steel EPR cavity	1967
19680074945	The RCAF Observer, volume 13, no. 2	1967
19680074946	Crater and ejecta data from Distant Plain, trial 3 and trial 5	1967
19680074947	Forced motion of Douglas Fir model bunkers	1967
19680074950	Ionospheric data report, September 1967	1967
19680074951	Research on materials essential to cryocooler technology Quarterly progress report	1967
19680074952	Athena D-066, flight 088 /28 September 1967/ and Athena C-051, flight 089 /28 September 1967/ and Athena C-050, flight 090 /29 September 1967/ Meteorological data report	1967
19680074953	Crater, ejecta and displacement data from explosions of 1000 lb TNT charges /Field experiment no. 561/	1967
19680074954	Current problems of geodetic gravimetry	1967
19680074955	A new radiosonde for measuring the air- electric fields in the free atmosphere	1967
19680074956	Design and development of antenna position programmer Final report	1967
19680074957	Exploratory development of a reliable autoscan propulsion monitoring system for multi-engine aircraft Final report	1967
19680074958	Ablative material spectroscopy. Volume 1 - Experimental determination of molecular oscillator strengths Technical report, 23 Jan. 1966 - 27 Jan. 1967	1967
19680074959	Schottky barrier X-band video detectors for high-sensitivity high-burnout applications Quarterly report, 27 Jun. - 26 Sep. 1967	1967
19680074960	Minuteman propulsion system test Interim report	1967
19680074961	Technology of the growth of divalent rare earth materials Final report, 1 Jul. 1966 - 31 Jul. 1967	1967
19680074962	On stimulated gamma-ray emission	1967
19680074963	High pulse power injection laser Final report, 1 Jul. 1966 - 30 Jun. 1967	1967
19680074964	S.E.R.L. Technical journal, volume 17, number 2	1967
19680074966	Measurement of the optical transmission of thin metallic films	1967
19680074967	A new method of measuring amplitude modulation/phase modulation conversion in microwave amplifiers	1967
19680074968	Avalanche multiplication in photosensitive junctions formed by ion implantation	1967
19680074969	Studies of ion implanted layers of boron and phosphorus in silicon and their applications to high-frequency bipolar transistors	1967
19680074970	Ratscat - Large object study Final report	1967
19680074971	High-temperature-resistant polymer research Quarterly report, Jul. - Sep. 1967	1967
19680074972	Evaluation of low-cost materials and manufacturing processes for large solid rocket nozzles - Analysis of performance, nozzle 11	1967
19680074973	Metalworking	1967
19680074975	A rocketborne plasma-conductivity probe	1967
19680074976	The development, fabrication, and evaluation of sonic fatigue resistant aerospace structures utilizing viscoelastic materials Interim technical report, 1 Jul. - 30 Sep. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680074977	Titanium structural sections produced by roll bonding on bar mills Interim engineering report number 4, 1 Aug. - 31 Oct. 1967	1967
19680074978	Novel aspects of active network theory Final report	1967
19680074979	Criteria for approximate solutions of linear time-varying systems	1967
19680074981	The representation of signal classes	1967
19680074982	Analysis of multiterminal networks with indefinite matrices	1967
19680074983	Solid state plasma phenomena investigation Final report, Apr. 1966 - Jun. 1967	1967
19680074984	Purification of organic compounds by thermal diffusion Final report, 13 Aug. 1964 - 7 Aug. 1966	1967
19680074985	State-of-the-art summary, aircraft power plant turbines Final technical report	1967
19680074986	Feasibility study of selected in situ measurements on magnetostrictive transducers Summary report	1967
19680074987	Critical evaluation of ceramic processing at subconventional temperatures Final report, 16 Jun. 1966 - 15 Jun. 1967	1967
19680074988	Effects of UHF propagation characteristics on telemetry signals during flight tests Summary report, Oct. 1965 - Dec. 1966	1967
19680074989	The hydrostatic extrusion of nickel-base superalloys at room temperature	1967
19680074990	Minimum-hamming-distance sequential decoding of single-generator binary convolutional codes	1967
19680074991	Tunable superconductive RF networks Final report, 1 Apr. - 15 Jul. 1967	1967
19680074998	ALTAIR program /U/ Quarterly technical report, period ending 30 Sep. 1967	1967
19680075002	The time-variable calculus of V. Dolezal	1967
19680075003	Application of pure fluid technology to a naval missile weapon system. Phase 2 - Design of a single axis fluidic digital velocity meter Final report	1967
19680075004	Buckling loads for tapered slender elastic columns	1967
19680075005	Studies of sensitivity in linear feedback control systems	1967
19680075006	Arithmetic operation in an incremental missile guidance computer	1967
19680075017	Electron-beam welding of beryllium - 2 Technical report, 1 Jun. 1966 - 31 Jul. 1967	1967
19680075018	Operating characteristics of the Apollo LM descent engine with helium ingestion and propellant depletion in a simulated space environment	1967
19680075021	A rapid method of computing hypersonic wind tunnel test section flow conditions with application to the AFFDL two-foot Electro- Gasdynamic Facility	1967
19680075022	Simulation of jet entrainment in a potential field Final report, Jul. 1966 - Jun. 1967	1967
19680075025	Evaluation of a ceramic high lift-to-drag model at hypersonic Mach numbers /U/ Final report, 12-13 Jul. 1967	1967
19680075026	Aerodynamic performance characteristics of an axisymmetric hypersonic inlet at Mach numbers from 3 to 8 /U/ Final report, 11-15 May, 2-15 Jun., 28 Jun. - 10 Jul. 1967	1967
19680075043	Development of a point deformation rolling mill Interim engineering report, 1 Apr. - 30 Jun. 1967	1967
19680075044	Table of mutual impedance of identical dipoles in echelon	1967
19680075045	A heat treatment study of Ti-6Al-2Cb-1Ta- 0.8Mo alloy plate Final report	1967
19680075046	Development of manufacturing methods, process controls, and computer program for fabricating weldable multilayer printed circuit boards Interim technical report, 4 Jul. - 4 Oct. 1967	1967
19680075047	A study of the stability of gaseous negative ions Final technical report, 1 Oct. 1965 - 30 Sep. 1966	1967
19680075048	Generation, transport and photoemission processes in molecular crystals Final technical report, Jun. 1966 - Jun. 1967	1967
19680075049	Fifth hypervelocity techniques symposium. Volume 1 - Advanced experimental techniques for study of hypervelocity flight	1967
19680075050	Feasibility of a high performance aerodynamic impulse facility	1967
19680075051	The performance of a shock tube driven by arc-heated hydrogen	1967
19680075052	Electric internal heater for the Lockheed 100-inch shock tunnel	1967
19680075053	Experimental shock-tube investigation of conditions behind incident and reflected shocks in air for shock Mach numbers between 8.5 and 16.5	1967
19680075054	A shock tube technique for the study of two-dimensional turbulent mixing of non-reacting or reacting gases	1967
19680075055	Design and performance of the JPL free-piston shock tube	1967
19680075056	A magnetic annular arc driven shock tube	1967
19680075057	Operation of hotshot tunnel F with air as a test gas	1967
19680075058	Recent progress in the O.N.E.R.A. hot-shot wind-tunnels	1967
19680075059	Technique for studying oblique shock-on-shock interactions in free flight	1967
19680075060	Recent work in flow evaluation and techniques of operations for the Langley Hypersonic Nitrogen Facility	1967
19680075061	Development of electrodeless MHD accelerator technology	1967
19680075062	A high pressure hypersonic gun tunnel	1967
19680075063	Development of L-band and C-band solid state sources Final report phase 1, 15 Mar. 1966 - 30 Jun. 1967	1967
19680075064	Selection and development of an extendable, flat, cavity-backed spiral antenna	1967
19680075065	Solid film lubrication research Annual report, Sep. 1966 - Sep. 1967	1967
19680075066	Development of asynchronous multiplexer techniques Final report, Feb. - Sep. 1967	1967
19680075067	ATS-1 omnidirectional spectrometer Quarterly report, 15 Feb. - 15 May 1967	1967
19680075068	Annual review, April 1966 - March 1967	1967
19680075069	Proton 1 tasks and first results	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075070	Analog study of active radiation shielding Final report, Mar. 1964 - Oct. 1965	1967
19680075071	Storability demonstration propellant feed systems Final technical report, May 1966 - Oct. 1967	1967
19680075072	Small diameter rocket motor cases. Exploratory development on solid propulsion technology for missiles and rockets Final report, Jul. - Oct. 1967	1967
19680075073	Pressure distribution measurements on several rigid Hyperflo models at Mach 3.0 and 4.0 Final report, May 1966 - May 1967	1967
19680075074	Process development for precision titanium forgings Phase 1-2 summary technical documentary report, 1 Jun. 1965 - 1 Jul. 1967	1967
19680075075	Experiment of damage control materials and methods for fleet handling of packaged liquid propellants Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680075076	Vaporizing and endothermic fuels for advanced engine application. Part 1 - Studies of thermal and catalytic reactions, thermal stabilities, and combustion properties of hydrocarbon fuels Technical report, Jun. 1966 - Jun. 1967	1967
19680075077	Study of four major forging systems Interim engineering progress report, 1 Nov. 1966 - 31 Oct. 1967	1967
19680075078	Preparation and investigation of high-strength wires Summary report, 31 May - 31 Dec. 1966	1967
19680075079	HF adaptive modem air-to-ground test Final technical report, Feb. - Sep. 1967	1967
19680075080	A queueing analysis of the traffic handling of a satellite ground terminal	1967
19680075081	Study of the hot corrosion of superalloys Technical report, 1 Jul. 1966 - 30 Jun. 1967	1967
19680075082	Molecular electronics for radar applications, phase 2 Interim report, 1 Jun. - 31 Aug. 1967	1967
19680075083	Study of re-entry observables - Oscillator strengths for the A squared sigma - X squared sigma band system of AIO Semiannual technical report, 11 Mar. - 11 Sep. 1967	1967
19680075084	Development of improved grinding processes Interim engineering progress report, 1 May - 31 Aug. 1967	1967
19680075085	Development of cast superalloy dies for hot die forging systems Interim engineering progress report, 16 Jul. - 15 Oct. 1967	1967
19680075086	Plastic propellant processing - A single shaft screw feed de-aerator	1967
19680075087	Semi-rigid or non-rigid structures for re-entry application. Part 1 - Evaluation and design Final technical report, 15 Jan. 1963 - 15 Jan. 1967	1967
19680075088	Comparison of full scale and model data of the wind velocity over the CVS 16 flight deck	1967
19680075089	Production engineering measure for manufacture of meteorological balloons type ML-566/ /AM Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19680075090	Solar, lunar, and tidal data for Point Mugu and San Nicolas Island during 1968	1967
19680075091	Probability of chaff-dispensing aircraft breaking lock of tracking radar	1967
19680075092	On the triangular decomposition of Cauchy matrices	1967
19680075093	An evaluation of DRC's 3000 count direct axis optical encoder	1967
19680075094	Conversion loss performance of crystal mixers under matched and unmatched conditions Technical memorandum, Mar. - Apr. 1967	1967
19680075095	Exploratory research on ultraviolet laser Final report	1967
19680075096	Climatic handbook for Point Mugu and San Nicolas Island. Volume 1 - Surface data	1967
19680075114	Mercury Rankine program /SNAP 2/ performance characteristics of a hydrostatic thrust bearing /U/	1967
19680075117	The effect of testing system stiffness on fracture behavior of sheet specimens Summary technical report, Apr. 1965 - Dec. 1966	1967
19680075118	Improvements to a sunseeker detection system	1967
19680075119	Pilot evaluations in a ground simulator of the effects of elevator control system dynamics in fighter aircraft Final report	1967
19680075120	Flying qualities and performance evaluation of the TA-4F airplane Final report	1967
19680075121	Gas tungsten-arc /TIG/ welding Interim engineering progress report, 1 Jun. - 31 Aug. 1967	1967
19680075122	Mercury Rankine program /SNAP 2/ alternator stator bore seal development /U/	1967
19680075124	Study of area correlation employing circular scan techniques. Volume 2 - Supplement to theory, and description of experimental results /U/ Final report	1967
19680075145	Active classification performance analysis	1967
19680075157	An Active Sonar Data Analysis And Conversion System /ASDACs/	1967
19680075158	Detectors for active sonar - An experimental study	1967
19680075159	Target parameter estimation	1967
19680075164	Analysis of echo characteristics for active classification	1967
19680075172	Light Intratheater Transport /LIT/ study, volume 1 - Summary /U/ Final report, 22 Dec. 1966 - 22 Jul. 1967	1967
19680075173	Light Intratheater Transport /LIT/ study volume 2 - Design Section 1 - configuration /U/ Final report, 22 Dec. 1966 - 22 Jul. 1967	1967
19680075181	Ozone feasibility study Final report, 1 Dec. 1965 - 31 Mar. 1967	1967
19680075184	Review of Recent Ballistic Range Boundary- Layer Transition Work on Ablating Bodies at Ames	1967
19680075185	Transition Measurements on Cones in Hypersonic Flow and Preliminary Observations of Surface Ablation Grooves	1967
19680075186	NASA-Langley Boundary Layer Transition Investigation	1967
19680075187	Hypersonic wind-tunnel experiments on boundary-layer transition at Mach 14	1967
19680075188	The influence of ambient pressure on boundary-layer transition in an aeroballistic range	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075189	The influence of radiated aerodynamic noise on model boundary-layer transition in supersonic and hypersonic wind tunnels	1967
19680075190	Circumferential non-uniform heating during transition on a slender cone at hypersonic Mach numbers	1967
19680075191	Three-dimensional laminar boundary layer transition on a sharp 8 degree cone at Mach number 10	1967
19680075198	Optical inhomogeneties in pumped lasers, volume 2 /U/ Final report, 1 May 1965 - 31 Oct. 1966	1967
19680075201	Endoatmospheric decoy technology program /U/ Semiannual progress report, 1 Nov. 1966 - 30 Jan. 1967	1967
19680075225	Low voltage mass spectral fragmentation of nitroxy compounds	1967
19680075226	Analysis of the products of combustion of metal powders in carbon dioxide and nitrogen	1967
19680075227	Value of swelling and extraction tests for the evaluation of solid propellants	1967
19680075228	A gas chromatographic system for the analysis of impurities in chlorine trifluoride	1967
19680075229	Gas chromatographic analysis of nitric oxide in nitrogen tetroxide	1967
19680075230	A solid sample and viscous liquid introduction system for gas chromatographs	1967
19680075231	The effect of the gas chromatograph inlet design on UDMH/hydrazine analysis	1967
19680075232	Fluorine analysis of Viton and Viton- containing explosives	1967
19680075233	Density and viscosity measurement of live and referee propellants	1967
19680075234	Conductometric titration of perchlorate with tetraphenylarsonium chloride	1967
19680075235	Determination of particle size distribution in uncured propellant by use of the Coulter counter	1967
19680075236	The determination of diphenylamine and its principal degradation products in nitrocellulose propellants by infrared spectrophotometry	1967
19680075237	Principles of activation analysis	1967
19680075238	Determination of trace alkali and alkaline earth contaminants in solid propellants	1967
19680075239	Determination of trace amounts of phosphorus in a composite propellant by fast neutron activation analysis	1967
19680075240	How to measure moisture in solids	1967
19680075241	A gas chromatograph method for the analysis of compound A	1967
19680075242	The determination of iron oxide and aluminum in UTP-3001 fuel by X-ray fluorescence	1967
19680075243	Application of new solvents to the analysis of composite modified double base propellants	1967
19680075244	Analysis of toxic combustion products from high energy solid propellants containing domino compounds /U/	1967
19680075245	Analysis of metal-containing residues from bipropellant firings /U/	1967
19680075246	Gas chromatographic separation of volatile components in fluorine oxidizers /U/	1967
19680075247	Chemical analysis of mixtures of N2O4 and fluorine oxidizers /U/	1967
19680075248	Gas chromatographic separation of impurities in tetrafluorohydrazine /U/	1967
19680075250	Synthetic studies and thin layer chromatography of aliphatic nitramines	1967
19680075251	Continuous analysis of nitroglycerin	1967
19680075252	Infrared spectrophotometric method for batch control of HB polymer propellants	1967
19680075253	Composition of combustion residues of aluminized propellants	1967
19680075254	Non-aqueous successive titration of an amine-cured, epoxy resin system	1967
19680075255	The polarographic determination of 1,2 dinitroxypropane	1967
19680075256	Conductometric determination of graphite in propellants by use of Leco conductometric carbon determinator	1967
19680075257	Spectrophotometric determination of nitric oxide in dinitrogen tetroxide	1967
19680075258	Nonaqueous potentiometric analysis for halogens in micro samples	1967
19680075259	Plasticizer migration and decomposition chemistry of a propellant by differential thermal analysis	1967
19680075260	Spectrophotometric analysis of double-base propellants and casting powders	1967
19680075261	Desensitization of zirconium powder Final report	1967
19680075270	AN/TSQ-51 // /5/. Volume 2 - System accuracy /U/ Final engineering report, 26 Jun. 1964 - 17 May 1966	1967
19680075282	The optimum attitude programme for a multistage satellite launch vehicle with impact restrictions	1967
19680075283	A numerical method for calculating the dynamic behaviour of a simple catenary overhead contact system for electric railway traction	1967
19680075284	Advanced in technology for propellers - Report of state of the art. Phase report on AED WU no. 2 R2-149	1967
19680075285	Use of sheet explosive for disposal procedures Final report, 21 Feb. - 12 Jun. 1967	1967
19680075287	Maintainability program	1967
19680075288	Electron tube research Triannual progress report no. 1, Apr. - 31 Jul. 1967	1967
19680075289	Semi-rigid or non-rigid structures for re-entry applications. Part 2 - Fabrication and test Final technical report, 15 Jan. 1963 - 15 Jan. 1967	1967
19680075290	An experimental and theoretical study of the non-equilibrium plasma in thermionic discharges Annual report, 1 Nov. 1965 - 31 Oct. 1966	1967
19680075291	On approximate constitutive equations in nonlinear viscoelasticity	1967
19680075292	Supersonic stability and control characteristics of low-aspect-ratio planar configurations designed for large maneuvers	1967
19680075293	Instruction manual satellite Pulse Data Processor set /PDP/, volume 1	1967
19680075294	Passive beacon techniques Final report	1967
19680075295	Production Engineering Methods /PEM/ for milliwatt logic semiconductor integrated circuits Optimization report /part 1 of phase 2/, 16 Mar. - 15 Jul. 1967	1967
19680075296	A Vo importance function for the Monte Carlo calculation of the deep penetration of gamma rays	1967
19680075297	Dispersion-strengthened metal structural development Interim technical report, 1 Aug. - 1 Nov. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075298	Short-term annealing in semiconductor materials and devices Final report, Apr. 1966 - Apr. 1967	1967
19680075299	Methods to produce high modulus graphite yarn Interim engineering progress report, 10 Jul. - 10 Oct. 1967	1967
19680075300	Investigation of high temperature bearing materials under atmospheric and simulated space conditions Technical report, May 1965 - Jun. 1966	1967
19680075302	The experimental evaluation and analysis of free space propagation of coherent signals between the frequencies of 160 GHz and 260 GHz	1967
19680075303	Some procedures for obtaining the short-time portion of creep and relaxation functions of linear viscoelastic materials	1967
19680075305	On the existence of zero sound in He3-He4 mixtures	1967
19680075306	Cable materials for extreme environments Progress report, 1 Aug. - 31 Oct. 1966	1967
19680075307	A study of the thermodynamics of one- dimensional deformations of nonlinear materials characterized by quasilinear differential constitutive equations	1967
19680075308	Athena B-030, flight 091 /11 October 1967/ Meteorological data report	1967
19680075309	In flight thrust reversers for tactical fighter applications Final report, 1 Feb. - 1 Dec. 1966	1967
19680075310	Results of simulated altitude testing of the Agena propulsion system turbine pump assembly Interim report, 17 Mar. - 6 Jun. 1967	1967
19680075311	Dendritic silicon solar cell optimization and fabrication Final report, 2 Aug. 1965 - 14 Apr. 1967	1967
19680075312	Transmitter tube investigation Final report, 29 Mar. 1966 - 30 Jun. 1967	1967
19680075313	Microwave transistors Quarterly report, 1 Jun. - 31 Aug. 1966	1967
19680075315	Athena D-057 flight 086 /8 September 1967/ Meteorological data report	1967
19680075316	Semi-rigid or non-rigid structures for re- entry applications. Part 3 - Appendices Final technical report, 15 Jan. 1963 - 15 Jan. 1967	1967
19680075317	Heat transfer study of Compound A Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680075318	Development of a die set for standard no. MS25441 tooling to crimp size 8 through 0000 uninsulated terminals Final report	1967
19680075319	Electrooptical surveillance research techniques	1967
19680075320	High voltage solar cell array segment Interim progress report, 1 Jul. - 30 Sep. 1967	1967
19680075321	Characteristics of a tapered anechoic chamber	1967
19680075322	Design, development, and fabrication of an ultra-high-resolution cathode-ray tube Quarterly report, 5 Jul. - 5 Oct. 1966	1967
19680075323	On the lambda-anomaly in hydrogen and deuterium	1967
19680075324	Nickel-base and cobalt-base alloys	1967
19680075325	Translations on French nuclear, missile, space and related military developments, no. 122	1967
19680075326	Fiber-reinforced metals	1967
19680075327	Design of codes and decoding procedures for sequential decoding systems Final report, 1 Jul. 1964 - 30 Sep. 1967	1967
19680075328	Product support program	1967
19680075329	Optimization of three-dimensional reentry trajectories using steepest-ascent methods	1967
19680075330	Some notes on the design of swept wings for laminar flow aircraft	1967
19680075331	The effects of trailing vortices on the safe capacity of air routes and airports	1967
19680075332	Bulk effect oscillators for frequency control Final report, 1 Jan. 1966 - 30 Apr. 1967	1967
19680075333	Application of optimization techniques to flight control actuation system design Final technical report, May 1966 - Apr. 1967	1967
19680075334	Halogen passivation studies Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19680075335	Plasma arc welding of thin materials Interim engineering progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19680075336	High-power hybrid multiple-beam klystron for phased arrays Quarterly progress report, 15 Jun. - 15 Sep. 1966	1967
19680075337	A simple thermoelectric sorter for copper- nickel pipes	1967
19680075338	The log-a-posteriori probability metric for use in sequential decoding	1967
19680075339	Research on the determination of bilateral symmetry in the amphibian egg	1967
19680075340	The influence of matching between ionic and electronic gas in phenomena of amplitude- amplitude ionospheric intermodulation	1967
19680075341	Mission engineering study of electrically propelled manned planetary vehicles, volume 1 Summary report, Jul. 1966 - May 1967	1967
19680075343	Avalanche mode photodiodes for heterodyne techniques at 1.06 microns Final report	1967
19680075344	Report on geodesy and geophysics executed in the period 1963-1967	1967
19680075346	AIMP-E prelaunch, launch, and postlaunch operations and data	1967
19680075347	A new application of Perfectly Stirred Reactor /P.S.R./ theory to design of combustion chambers	1967
19680075348	Low noise antenna techniques Quarterly interim report no. 1, 15 Jun. - 15 Sep. 1966	1967
19680075349	Microwave circuit considerations for bulk GaAs oscillators Interim report	1967
19680075350	Shock wave studies using a plasma wind tunnel	1967
19680075351	Analysis and synthesis of active RC networks containing distributed and lumped elements	1967
19680075352	Linear decision rules which minimize maximum probability of error	1967
19680075353	Integrated Ku-band phase shifters Interim technical report, Jun. - Aug. 1967	1967
19680075354	Gamma 5-invariant covariants for any spin	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075355	Solid rocket structural integrity abstracts, volume 4, number 3	1967
19680075356	Summary of the Thirteenth Meeting of the Refractory Composites Working Group	1967
19680075357	Performance of transducers made from nickel- base alloys	1967
19680075359	Pneumatic dissemination of dry powders	1967
19680075360	Generalized model for semiconductor radiation response prediction Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19680075361	Neodymium inorganic aprotic liquid laser Interim technical report	1967
19680075363	Radcat program. Volume 1 - Design report Phase 1 technical summary report	1967
19680075364	Interaction between the Red Spot of Jupiter and the three new formations of the south temperate band /WOS/	1967
19680075365	Low speed wind tunnel tests on an A.R. 8 swept wing subsonic transport research model B.L.C. blowing over nose and rear flaps for high-lift	1967
19680075366	The degradation of signal detectability in a correlator due to quantised integration	1967
19680075368	Combustion characteristics of crystalline oxidizers Quarterly report, 1 May - 31 Jul. 1967	1967
19680075369	Basic research in thermionic energy conversion Technical summary report, 1 Aug. 1966 - 31 Jul. 1967	1967
19680075370	Tantalum system evaluation Interim technical report, 1 Aug. - 1 Nov. 1967	1967
19680075371	Research into millimeter generation RP9-44 an extended interaction oscillator for Q-band project review	1967
19680075372	Power densities at Apollo/Saturn assembly and launch complexes as a result of high power RF emitters	1967
19680075373	The foreign technology of solid propellants and their combustion	1967
19680075374	Critical observations on the particle-size determination by screen analysis, air separation, sedimentation and the Blaine test	1967
19680075375	A study of the geometry of elasto-hydrodynamic films in point contact, Project 2 Progress report, 4 Apr. - 30 Jun. 1967	1967
19680075378	Investigation of material release and electric current emission from electrodes, particularly in high vacuum Semiannual status report, 1 May - 31 Oct. 1967	1967
19680075379	Propulsion technology Monthly survey no. 11	1967
19680075380	Civil aircraft airworthiness data recording programme Special events of meteorological origin /January 1965 to December 1965/	1967
19680075383	A voltage-tuned sinusoidal oscillator with quadrature outputs	1967
19680075384	The detection and measurement of cracks /Comparison of potential and displacement methods/	1967
19680075385	Wind tunnel tests on six wing-body models at M equals 4	1967
19680075386	Electric arc discharge in supersonic flow for thrust vector control Final technical report, 15 Feb. 1966 - 31 May 1967	1967
19680075387	Radio frequency synchrotron radiation from electrons trapped in the earth's magnetic field	1967
19680075388	Radar target scatter site /Ratscat/. background subtraction investigation Final report	1967
19680075389	Dispersion strengthened materials evaluation program - Feasibility for structural mechanical fasteners, 1400-2200 deg F Interim technical report, Jun. - Aug. 1967	1967
19680075390	A control scheme for station-keeping at synchronous height using only on-board equipment	1967
19680075392	The prediction of instabilities of linear differential equations with periodic coefficients	1967
19680075393	Performance characteristics and methods of testing of force feedback accelerometers	1967
19680075394	An experimental investigation of the effect of planform shape on the subsonic longitudinal stability characteristics of slender wings	1967
19680075395	The normal modes of a circular plate of variable thickness	1967
19680075396	Experimental facilities at V.K.I.	1967
19680075398	Radioisotope thermionic generator research Quarterly technical report, 1 Nov. 1966 - 1 Feb. 1967	1967
19680075400	Annual report, 1965 - 1966	1967
19680075401	On the bifurcational buckling of elastic beams, plates and shallow shells	1967
19680075402	Rotor-bearing dynamics design technology. Part 4 - The influence of electromagnetic forces on the stability and response of an alternator rotor Technical final report, 1 Feb. 1966 - 1 May 1967	1967
19680075403	Dynamic gas film accelerometer development Final technical report, May 1965 - Oct. 1966	1967
19680075404	Reproduction inspection test report. AN/SSC-3 shipboard satellite communication system /Hughes part no. 1544000-100/. Volume 4 - Reliability test	1967
19680075405	Honeycomb ceramic radome techniques Final technical report, 1 May 1966 - 30 Jun. 1967	1967
19680075406	Measurements of the unsteady forces acting on a circular cylindrical tank containing liquid during harmonic motion	1967
19680075409	Further development trials on the liquid conditioned suit in a Lightning aircraft	1967
19680075410	Observations of Jupiter in 1965-1966	1967
19680075411	An investigation of the reproducibility of the characteristics of a quiescent plasma generated in a discharge tube	1967
19680075412	Wave propagation in electron beams produced by non-equipotential cathodes Final report, Jan. - Dec. 1966	1967
19680075413	Effect of applied electric field on the EPR spectra of doped ferroelectrics	1967
19680075414	The hydrodynamic stability of pipe flow Semiannual status report, for period ending 31 Dec. 1967	1967
19680075415	Cryogenic physics research Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075416	Theoretical analysis of surface temperatures flame trench, Complex 39 A/B John F. Kennedy Space Center, Florida	1967
19680075419	Diode control research Quarterly technical report, 1 Mar. - 1 Jun. 1967	1967
19680075420	The effect of reservoir water on the dynamic behaviour of an idealised model dam	1967
19680075425	A new concept of the fuel cell	1967
19680075426	Guidance-computer sizing for linear-tangent guidance equations Technical report, Oct. - Nov. 1966	1967
19680075429	Effects of High and Low Barometric Pressures on Susceptibility and Resistance to Infection Quarterly Status Report, 1 Jul. - 30 Sep. 1967	1967
19680075430	A revised preliminary set of guidance equations for the ascent phase of the MOL mission	1967
19680075431	Optimization of many-variable functions. Part 2 - Constrained variables	1967
19680075433	Development of materials and materials application concepts for joint use as cryogenic insulation and micrometeoroid bumpers Annual summary report	1967
19680075434	Use of large solid motors in booster applications. Volume 3, thrust vector control systems comparison	1967
19680075435	Gas laser study Quarterly progress report, Jun. - Sep. 1967	1967
19680075436	Trajectories of satellites under the influence of earth oblateness - Improved first-order solution	1967
19680075437	Computer routine modifications and performance predictions for Apollo block 1 power generation and heat rejection system Final report	1967
19680075439	High-sensitivity infrared receiver development Final report	1967
19680075441	Simulation error analysis programming document, Fortran 4 version	1967
19680075442	Conceptual feasibility study for an Apollo application program horizon definition experiment	1967
19680075444	Development of the theoretical and technological prerequisites to field investigation of particulate agent behavior. Volume 1 - Summary Final report, 1 Jul. 1965 - 30 Jun. 1966	1967
19680075445	Determination of oxygen in aluminum by means of 14 MeV neutrons with an account of flux attenuation in the sample	1967
19680075446	Development of analytical methods for predicting residual cryogenic propellant behavior in orbital vehicles Final report	1967
19680075447	Infrared Thermistor Bolometer Program: Research and Development of a Positive Temperature Coefficient (P.T.C.) Bolometer	1967
19680075448	Aerobee NB 3.196 /7 September 1967/ Meteorological data report	1967
19680075449	Production tool for diffusion bonding Interim engineering progress report, 1 Jun. - 30 Sep. 1967	1967
19680075450	Delays in pressure indication in connecting- pipes, part 1	1967
19680075451	Mark 12 re-entry system aerospace ground equipment preliminary design review number 3, meeting minutes	1967
19680075453	LM radar return from an anisotropic lunar surface	1967
19680075454	An initial study of the effects of ionizing radiation on sealed nickel-cadmium cells	1967
19680075455	Physiological and engineering study of advanced thermoregulatory systems for extravehicular space suits Semiannual status report, 15 Jun. - 15 Dec. 1967	1967
19680075457	Selection of materials for the MDSS rocket nozzle	1967
19680075459	Development of tunable 35 GHz parametric amplifier and exploratory model antenna Final report	1967
19680075460	Mass density measurements in hypersonic wakes	1967
19680075461	Experimental techniques in physics /selected articles/	1967
19680075462	Foreign-nuclear stabilized spectrometer for high resolution nuclear magnetic resonance	1967
19680075463	An ultracentrifuge for nuclear magnetic resonance	1967
19680075464	Additional noise in parametric amplifiers that is dependent on the input signal	1967
19680075467	A new system of volatile buffers for chromatography of amino acids on an exchangeable cation resin	1967
19680075469	Methods of fabricating and joining large sandwich segments for forming common domes Final report	1967
19680075472	Immersion media for liquid gates in coherent optical processing	1967
19680075473	The small scientific spacecraft's error- detecting telemetry code	1967
19680075474	Magnetic resonance study of molecular motion in cubic /NH ₄ /2SiF ₆	1967
19680075475	Microwave burst at triggered instability in a hot electron plasma	1967
19680075478	Analysis of a circular sandwich plate with a hole in the center	1967
19680075479	Report of the Antarctic ice observing and forecasting program for 1966 Special annual report, Oct. 1966 - Jan. 1967	1967
19680075480	UPP-66 fail-safe ballistic parachute testing Final engineering report, 16 Jun. - 31 Aug. 1967	1967
19680075481	Instruction manual, satellite Pulse Data Processor set /PDP/, volume 3	1967
19680075482	An initial evaluation of the Nortronics NOD-100 viewer Final technical report, 22-24 May 1967	1967
19680075483	Solar, lunar, and tidal data for Barking Sands, Kauai, Hawaii, during 1968	1967
19680075484	General protuberance heat transfer test. Volume 3 - Data evaluation report	1967
19680075485	Microscopic and microchemical study of aged solid propellant grains Quarterly technical report, 1 Aug. - 31 Oct. 1967	1967
19680075486	Maintenance instructions, for environmental control system Launch Complex 39, launch area A, volume 2, section 3 through appendix D	1967
19680075487	Maintenance instructions, for environmental control system Launch Complex 39, launch area A, volume 1, sections 1 and 2	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075489	Use of large solid motors in booster applications. Volume 2 - 156-in. solid boosted S-4B vehicle /MLV-SAT-1B-27/ Detailed technical report, 30 Dec. 1966 - 30 Aug. 1967	1967
19680075490	Addendum report on feasibility study of an aeronomy satellite Final report	1967
19680075492	Review of recent developments. Mechanical properties of metals	1967
19680075493	Phase 1 - Simulator for study of a nonacoustic submarine detection technique	1967
19680075497	Superconductive magnet system, 14-Tesla, 15-cm-bore Summary report, Mar. 1965 - Feb. 1967	1967
19680075499	Translations on French nuclear, missile, space and related military developments, no. 120	1967
19680075500	Repetitive point source spark gap having a 20 microsecond or longer repetition time	1967
19680075502	Histopathological and histochemical study of sub-human primates Semiannual report, period ending 30 Nov. 1967	1967
19680075503	Silver-zinc electrodes and separator research Quarterly technical progress report, 1 Jul. - 1 Oct. 1967	1967
19680075504	Preparation and characterization of special zinc oxides for evaluation in silver oxide- zinc secondary batteries Quarterly technical progress report, 15 Apr. - 15 Jul. 1967	1967
19680075505	Adsorption of organic materials on zinc electrodes Quarterly technical progress report, 15 Apr. - 14 Jul. 1967	1967
19680075506	Influence of transport characteristics of separators on cell electrolyte distribution Final report	1967
19680075507	Development of improved separator materials for the alkaline silver oxide-zinc battery Quarterly report, Jul. - Sep. 1967	1967
19680075508	Experimental and theoretical kinetics of high temperature fluorocarbon chemistry	1967
19680075509	Optical signal processor for sonar receivers /U/ Final development report, 1 Jul. 1965 - 31 Oct. 1967	1967
19680075512	Force, pressure, and heat-transfer tests of a volumetrically efficient high L/D configuration at Mach numbers 1.5 to 10 /U/ Technical report, Jun. 29 - Aug. 4, 1967	1967
19680075532	Theoretical and experimental results with a linear magnetohydrodynamic accelerator operated in the Hall current neutralized mode /U/ Final report, Jul. 1965 - Dec. 1966	1967
19680075544	Current distribution in crossed-field accelerators. /Part 1 - Effects of thermal diffusion and boundary layers/ /U/ Final report, 1 Jan. - 31 Dec. 1966	1967
19680075563	Experimental investigation of the turboburner concept /U/ Final report, Jun. 1 - Jul. 25, 1967	1967
19680075569	Apollo command module television camera test-teardown-evaluation Final report	1967
19680075570	Saturn 1B improvement study, volume 2, phase 3 Final technical report	1967
19680075571	Phase 3 Saturn 1B improvement study. Volume 1 - Summary	1967
19680075572	Hydrogen bonding in some adducts of oxygen bases with acids. Part 4. Basicity in hydrogen bonding and in ionization	1967
19680075573	Instruction manual satellite Pulse Data Processor set /PDP/, volume 2	1967
19680075574	AN/SSC-3 shipboard satellite communication system, Hughes part no. 1544000-100, volume 2	1967
19680075575	Time temperature characteristics of thin- skinned models as affected by thermocouple variables Final report	1967
19680075576	Radiative neutron capture in the region of the dipole giant resonance	1967
19680075577	Apollo Support Program Quarterly Progress Report, Jul. - Sep. 1967	1967
19680075579	Metalworking	1967
19680075581	NASA space-directed antennas	1967
19680075582	Research in Photosynthesis Final Report, 6 Jun. 1963 - 8 Jul. 1967	1967
19680075585	Research and technology briefs	1967
19680075586	Associative memory for collection and display system	1967
19680075587	A parametric study of thin films of tantalum-nitrogen compounds	1967
19680075588	Refractory metals /Cb, Ta, Mo, W/, a review of recent developments	1967
19680075589	Some new mathematical techniques in kinematics	1967
19680075590	Analysis of rings under arbitrary loads	1967
19680075591	The study and design optimization of a water electrolysis system Quarterly technical progress report	1967
19680075592	Research on thermionic converters using barium and cesium vapor Yearly technical summary report, 15 Jan. 1966 - 15 Mar. 1967	1967
19680075593	Evaluation of measuring conditions in differential thermal analysis	1967
19680075594	Development of urea-based and latex emulsion systems for dust control in support of military operations Final report, 28 Apr. - 28 Oct. 1966	1967
19680075595	Kennedy Space Center spacecraft operations directorate preflight operations at KSC, March 7, 1967	1967
19680075596	Germanium avalanche diode Final report	1967
19680075598	IR image converter Annual report, 1966	1967
19680075607	Element design and development of small centrifugal compressor, volume 1	1967
19680075608	Element design and development of small centrifugal compressor, volume 2	1967
19680075611	Manufacturing process development for ausforming jet engine thrust bearings Interim engineering report, 1 Jul. - 15 Nov. 1967	1967
19680075612	Ten point six micron laser frequency control techniques Interim technical report, 1 Jul. - 1 Nov. 1967	1967
19680075613	Zero point eight MHz to 20 MHz increased accuracy crystal test set Final report, Jul. 1963 - Jun. 1967	1967
19680075614	Investigation of rough earth propagation models Progress report	1967
19680075615	Detection of water in jet fuel and residual fuel. Item 1 - Breadboard instrumentation Final report, 21 Apr. 1966 - 20 Sep. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075616	Signal data converter, CV-2068/AP Final engineering report, Nov. 1965 - Sep. 1967	1967
19680075617	Production engineering measure for integrated amplifier/switching circuits Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19680075618	Experimental study of near wakes. Volume 3 - Correlation of data and simplified methods for predicting some base flow properties Final report, 17 Jan. 1966 - 17 Feb. 1967	1967
19680075619	Hughes tiltmeter evaluation	1967
19680075620	Application of thermogravimetric method and differential thermal analysis in the study of reaction kinetics	1967
19680075621	Relationships between continuously scaled, periodic and log-periodic structures with applications to log-periodic antennas	1967
19680075622	The application of ultrasonic energy to metal wire drawing Annual progress report	1967
19680075623	VHF and UHF transistor transient investigation Quarterly progress report, 27 Mar. - 27 Jun. 1967	1967
19680075624	Beaver AL Mk. 1 XP 822 trials of the photographic installation	1967
19680075625	The permeability of cellulose acetate butyrate and cellulose acetate propionate to perchloroethylene	1967
19680075645	Flutter tests on two scale model fins of the SRAM missile at Mach numbers 1.5 through 6 /U/ Final report	1967
19680075646	Near-in impact prediction study, volume 1 Final report	1967
19680075647	Near-in impact prediction study. Volume 2 - Appendices Final report	1967
19680075648	Translations on French nuclear, missile, space, and related military developments, no. 121	1967
19680075649	Value engineering program	1967
19680075650	Value engineering program	1967
19680075651	Areas of applicability for electric propulsion systems Technical report, Jan. - May 1967	1967
19680075652	Theoretical-experimental correlation of large explosively-induced transient deformations of polyurethane foam-metal slabs	1967
19680075653	The research program of the Applied Physics Department for the year 1966	1967
19680075654	Doppler optical navigator Interim engineering report, 1 Aug. - 31 Oct. 1967	1967
19680075655	Radiation effects in majority carrier devices Annual report, 1 Jun. 1966 - 31 May 1967	1967
19680075657	Experimental determination of the thermal conductivity of solids at liquid nitrogen temperature	1967
19680075658	Hydrogen-oxygen reaction studies Final report	1967
19680075660	Neutron die-away experiment for lunar and planetary surface analysis, phase 2 - Quarterly progress report, 1 Oct. - 31 Dec. 1967	1967
19680075667	Review of recent developments. Titanium and titanium alloys	1967
19680075668	Progress in the correction for the atomic number effect	1967
19680075673	Ultraviolet reconnaissance techniques /U/ Final technical report, 1 Jun. 1966 - 1 Jun. 1967	1967
19680075676	Profile scanner measurements of infrared spatial energy from a reentry vehicle /U/	1967
19680075678	Study of advanced turboalternator power systems, volume 1 /U/ Final technical report, Jul. 1966 - Mar. 1967	1967
19680075679	Study of advanced turboalternator power systems, volume 2 /U/ Final technical report, Jul. 1966 - Mar. 1967	1967
19680075681	Aerodynamic characteristics of AGM69A missile configurations at supersonic speeds /U/ Final technical report, 25 May - 21 Jun. 1967	1967
19680075689	Radioisotope heat source IR and D program. Volume 15 - Kilowatt radioisotope direct radiating thermoelectric power system study /U/	1967
19680075690	J-2 program /U/ Bimonthly progress report, Sep. - Oct. 1967	1967
19680075698	Cable materials for extreme environments Technical progress report, 1 May - 31 Jul. 1967	1967
19680075699	Herringbone twill cloth from Bibb Manufacturing Company	1967
19680075700	An unusual phenomenon of heat transfer near the critical point	1967
19680075701	Study of the rate of evaporation of metals in vacuo by thermogravimetry at high temperature	1967
19680075702	A method for the determination of small local differences in the flux density in the geomagnetic field	1967
19680075703	Constant oblique field electrostatic generator	1967
19680075704	Stresses in a thick circular plate of variable thickness under lateral load	1967
19680075705	Ring laser techniques Final report, 2 May 1966 - 30 Apr. 1967	1967
19680075706	Millimeter radome design techniques Interim technical report, 1 Aug. - 31 Oct. 1967	1967
19680075707	Precipitation of whiskers and their effect on cleavage and fracture in magnesium oxide	1967
19680075708	The formation of precipitate phases in aluminium by ion implantation	1967
19680075709	Calibration of a portable gamma-ray spectrometer	1967
19680075710	The identification of vacancy and interstitial loops in neutron irradiated molybdenum	1967
19680075711	Vibration isolation of optical aerial reconnaissance sensors Final technical report, 18 Jul. 1966 - 15 Aug. 1967	1967
19680075712	Reversal of cold-induced dormancy of uredospores by microwave and infrared irradiation	1967
19680075713	Minority Carriers in Cds. 1. Photovoltage for Optical Excitation Inside and Outside of Eigen Absorption Considered as a Minority Carrier Effect	1967
19680075714	Complementary information on complex revolution vessels and the multi-lobed structures	1967
19680075716	Acoustic environment of very large solid propellant motors Final report	1967
19680075718	Density discrimination for image evaluation Final report, Oct. 1965 - Aug. 1967	1967
19680075719	Long-wavelength laser detector techniques Final technical report, 1 May 1966 - 30 Apr. 1967	1967
19680075720	Offset rectangular plate-fin surfaces - Heat transfer and flow friction characteristics	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075721	Space suits - Space fashion	1967
19680075722	Coaxial connector and cable data	1967
19680075723	Electronically tunable diode oscillator Interim report, May - Aug. 1967	1967
19680075724	Operation and maintenance manual gaseous hydrogen detection system MSOB altitude chamber	1967
19680075725	Sequential mass spectrometry 3 carbon dioxide and disulphide	1967
19680075727	Matrix strengthening mechanisms in Al3Ni whisker reinforced aluminum Final report, 13 May 1966 - 12 May 1967	1967
19680075728	Effects of fission product heat on the production capacity of the Fingal process	1967
19680075729	Considerations in the design of supports for panels in fatigue tests Technical report, May 1966 - Apr. 1967	1967
19680075730	Development of joining processes for titanium foils, volume 1 Final technical report, 1 Aug. 1965 - 31 May 1967	1967
19680075731	Evaluation of thermal protection materials for lifting and ballistic re-entry heat shield materials Technical report, Jun. 1966 - Jul. 1967	1967
19680075732	Work function - Measurements and results	1967
19680075734	Platelets of interstitial atoms in proton- irradiated copper	1967
19680075735	The ratio of grain boundary to surface energy for uranium carbide	1967
19680075736	High temperature thermodynamic data for UO2 plus or minus x	1967
19680075737	A background to high voltage electron microscopy	1967
19680075738	The effects of non-uniform burn off on the kinetics of the oxidation of large tubular specimens of graphite	1967
19680075739	Production engineering measure for subminiature feed-thru ceramic dielectric capacitors Quarterly report, 23 Jun. - 23 Sep. 1967	1967
19680075740	Low-power computer memory	1967
19680075741	Response of multi-spanned beam and panel systems under noise excitation Final report, 1 Nov. 1966 - 30 Aug. 1967	1967
19680075742	Fuel cell fuel studies Interim technical report, 10 Jan. - 9 Jul. 1967	1967
19680075743	Investigation of RF bonding and shielding impedance measurement technique for avionics equipment Final technical report, 17 Nov. 1965 - 17 Jun. 1967	1967
19680075744	A new mass spectrometer without a magnetic field	1967
19680075746	Application of the finite element method to heat conduction in solids	1967
19680075747	Film sensitization by controlled simultaneous fogging	1967
19680075748	Experimental study of near wakes. Volume 1 - Data presentation Technical report, 17 Jan. 1966 - 17 Feb. 1967	1967
19680075749	Development of joining processes for titanium foils Final technical report, 1 Aug. 1965 - 31 May 1967	1967
19680075750	Excitation of isobaric analogue states in 20 Ne, 24 Mg and 28 Si	1967
19680075751	Structure and stress state sensitivity of fracture mechanisms in two-phase materials	1967
19680075752	Optimization with sensitivity considerations	1967
19680075753	The Princeton Pennsylvania Army avionics research program Annual report, 1 Jun. 1966 - 30 May 1967	1967
19680075754	Launcher environment of the ASROC motor. Part 1 - Motor wall temperatures	1967
19680075755	Dihedral angles of uranium inclusions in hypo-stoichiometric uranium carbide	1967
19680075756	Nucleation site instability in nucleate boiling	1967
19680075757	Evaluation of the orbiting laboratory concept for geophysical research in the near-earth environment /considerations of automated satellite data functions/, part 2 Final report	1967
19680075758	Applications technology satellite Quarterly progress report, 1 Sep. - 30 Nov. 1967	1967
19680075759	Application of optimal control theory to VTOL flight control system design Final report, Jun. 1966 - Apr. 1967	1967
19680075760	Nuclear physics division Progress report, 1 Nov. 1966 - 30 Apr. 1967	1967
19680075761	Some observations on the compatibility of uranium and plutonium nitrides with several stainless steel alloys	1967
19680075762	The preparation and electrical and magnetic properties of uranium monosulphide- monophosphide solid solutions	1967
19680075763	Anisotropy effects in the critical field of superconducting tin-indium alloys Technical report	1967
19680075765	Hydrocarbon fuel cell electrodes Progress report, 6 Jan. - 15 Jul. 1967	1967
19680075766	Gunn effect devices Quarterly technical report, 15 Jun. - 15 Sep. 1967	1967
19680075767	Test of extended-range dynamic developer	1967
19680075768	Measuring methods for determining resistance to explosive stresses and behavior of metals and alloys under effect of shock waves	1967
19680075769	Evaluation of candidate fire resistant hydraulic fluids - Incendiary gunfire tests	1967
19680075770	Miscellaneous field experiences with airfield marking paints	1967
19680075772	Compound Bayes learning without a teacher	1967
19680075773	Pyrolytic graphite as a magnetron vane material feasibility study Final report	1967
19680075774	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors Final report, 29 Jun. 1963 - 30 Sep. 1967	1967
19680075775	Test and evaluation of specialized material Quarterly report, 25 Aug. - 24 Nov. 1967	1967
19680075776	Environmental-measuring equipment used by air weather service in support of Air Force and Army operations	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075777	The ternary system. Plutonium-carbon-oxygen	1967
19680075778	A preliminary study of semi-conductor structures produced by ion-implantation	1967
19680075779	A survey of studies to improve the environmental crack growth characteristics of titanium alloys for the SST	1967
19680075780	The determination of fast-neutron spectra in thermal reactors by means of a high- resolution semiconductor spectrometer	1967
19680075781	Study of passive temperature and humidity control systems for advanced space suits Material research report, Jul. 1, 1966 - Jul. 1, 1967	1967
19680075782	Statics and dynamics of deformation of physical models of crystalline materials which exhibit couple stress effects Final report, 10 Jun. 1966 - 10 Sep. 1967	1967
19680075783	Extended target detection with emphasis on acoustic surveillance. Volume 6 - Accuracy of estimation of quadratic processors	1967
19680075784	Performance of thin turning vanes in square conduits	1967
19680075785	NICP forecasting techniques Final report	1967
19680075786	Second azimuthal mode of the electron cyclotron instability	1967
19680075787	Effect of sulfur in JP-5 fuel on hot corrosion of coated superalloys in marine environment Progress report, Jul. 1 - Sep. 30, 1967	1967
19680075788	Light emission from shock heated gases Final technical report, Sep. 1966 - Aug. 1967	1967
19680075789	Man extension systems - A brief survey of applicable techniques and a proposed program	1967
19680075790	Production engineering measure for C-band, L-band, and S-band grid pulsed triode-and- cavity oscillators First quarterly engineering report, 29 Jun. - 29 Sep. 1967	1967
19680075791	Electron beam analysis techniques Final report, 15 Aug. 1966 - 15 Aug. 1967	1967
19680075792	Aerodynamic characteristics of the Athena H delivery vehicle at Mach numbers from 1.75 to 8 Final report, Jul. 31 - Aug. 15, 1967	1967
19680075793	Drag and performance characteristics of flexible supersonic decelerator models at Mach numbers from 2 to 6 Final report, Sep. 12-16, 1967	1967
19680075794	Improved X-band extended-interaction resonators Final report, Aug. 1967	1967
19680075795	Common-emitter L-band small-signal silicon transistor amplifier Semiannual report, 10 Jan. - 10 Jul. 1967	1967
19680075796	Detection of significant modifications in Soviet missile design through observation during testing Final report	1967
19680075797	Operating procedures hydrogen hazards monitoring system	1967
19680075798	Operating procedures remote control facility measurement systems	1967
19680075799	Operation and maintenance manual hydrogen hazards monitoring system	1967
19680075800	The development and application of structural analysis and synthesis techniques at Grumman	1967
19680075801	Results of sound pressure level measurements during AS-501 launch	1967
19680075804	A method of measurement and display of a time varying proton energy spectrum of energy between 2 keV and 1 MeV	1967
19680075805	A survey of radiation damage and related phenomena in the alkali halides	1967
19680075806	Electric propulsion in space	1967
19680075807	The analysis of transients in pulsed lumped parameter circuits with appreciable skin impedance	1967
19680075808	Sampling probe studies of the gas core in annular two-phase flow. Part 3 - Distribution of velocity and droplet flow rate after injection through an axial jet	1967
19680075809	The counting efficiency for beta particles of ZnS/Ag/ and glass scintillators and the adsorption of tritium on the scintillators and on stainless steel	1967
19680075810	Bubble growth measurements in uniformly superheated liquids	1967
19680075811	Electronic conduction through thin unsaturated oxide layers	1967
19680075812	Error analysis for equal-interval interpolation by cubic splines	1967
19680075813	Research studies on problems related to antennas Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19680075814	Apollo telescope mount project development plan	1967
19680075815	Results of vibration measurements during AS-501 launch	1967
19680075817	Apollo applications program. Film on-orbit storage protection - Final definition phase C	1967
19680075818	Detailed test objectives for improved Delta launch vehicle, spacecraft - Pioneer-C	1967
19680075819	Rocket engine test stand design information Final report	1967
19680075822	Operating procedures electrical power transfer Crawler-Transporter 1	1967
19680075823	Some thermodynamic aspects of /U, Pu/O ₂ solid solutions and their use as nuclear fuels	1967
19680075824	The formation and behaviour of fission gas bubbles in a non-uniform temperature environment	1967
19680075825	Electron microscope examination of the surface topography of ion-bombarded copper	1967
19680075826	Mass spectrometric measurements of the neutron capture cross sections of ¹⁴² Nd, ¹⁴³ Nd, ¹⁴⁴ Nd and ¹⁴⁵ Nd for reactor and Maxwellian neutrons	1967
19680075827	Stability on the theta-pinch, part 2	1967
19680075828	EW crossed-field amplifier Quarterly progress report, 15 Jan. - 15 Sep. 1967	1967
19680075830	Light Intratheater Transport /LIT/ systems planning study. Volume 1 - summary /U/ Final report	1967
19680075894	Research and Exploratory Development for the Office of Aeronautical Research, National Aeronautics and Space Administration /U/ Quarterly Progress Report, 1 Jul. - 30 Sep. 1967	1967
19680075900	Operating procedures, Honeywell model 1508 visicorder oscillograph. Launch Complex 39	1967
19680075901	Independent flight software test plan of the BURST 120 flight program for the LM-1 mission	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075902	Theoretical and experimental investigation of solid-state mechanisms for generating coherent radiation in the ultraviolet and X-ray regions Semiannual report, 1 May - 31 Oct. 1967	1967
19680075903	Calibration procedures vibration data acquisition system	1967
19680075905	Deformation and transformation twinning in Fe-23 percent Ni-0.6 percent C martensite plates Scientific report, 1 Mar. 1966 - 17 Apr. 1967	1967
19680075907	Calibration procedures data acquisition system Launch Complex 39	1967
19680075910	Neutron-induced damage in alpha-Al ₂ O ₃ , BeO and MgO	1967
19680075911	Loss of coherency of growing particles by prismatic punching of dislocation loops	1967
19680075912	A study of very small defect clusters in irradiated magnesium oxide, using long- wavelength iron scattering measurements	1967
19680075913	The use of random noise to improve resolution in analogue-to-digital voltage conversion	1967
19680075915	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680075916	The role of focusing collisions in sputtering	1967
19680075918	Operating procedures - Hydrogen hazards monitoring system, Launch Complex 37	1967
19680075919	Operating procedures - Electrical power transfer Crawler-Transporter 2, Launch Complex 39	1967
19680075920	First article configurations inspection. Documentation controls and milestone schedules. Hydrogen hazards monitoring systems, Launch Complex 39	1967
19680075921	Theory and measurements for ion collection by a spherical probe in a collisional plasma Interim technical report, 1 May 1966 - 30 Apr. 1967	1967
19680075922	Test methods for mechanical properties of anisotropic materials /beryllium sheet/ Final report, 1 Jun. 1966 - 1 Jun. 1967	1967
19680075923	Computer mass memories Interim engineering progress report, 1 May - 31 Jul. 1967	1967
19680075924	Microminiature integrated circuit crystal oscillator Final report, 25 Oct. 1966 - 25 Nov. 1967	1967
19680075925	Investigation of a resonance frequency method of determining non-destructively the tensile strength of S.G. iron shell bodies	1967
19680075927	Electromagnetic generation of plane pressure pulses in fluids	1967
19680075928	Automated feedback trainers for perceptual- motor skills Final report	1967
19680075929	Injection luminescence in silicon carbide. The X-ray topographical examination of epitaxial growth on silicon carbide crystals	1967
19680075930	Secondary combustion of pentaborane-hydrazine exhaust in air Quarterly progress report, 1 Aug. - 31 Oct. 1967	1967
19680075931	Production engineering measure on 1-watt, 2-gigahertz silicon transistor Quarterly progress report, 26 Apr. - 26 Jul. 1967	1967
19680075932	Automatic planimetry extraction Final report, 1 Apr. 1966 - 31 Apr. 1967	1967
19680075933	Experimental studies of buckling of a hyperboloidal shell subjected to an axisymmetric load acting on the edges	1967
19680075934	Swirling flows in tubes and their application in the stabilization of electric arcs	1967
19680075936	Ammonia electrochemical systems Semiannual report, 1 Jan. - 1 Jul. 1967	1967
19680075937	The prevention of corrosion and fouling Annual progress report, 1966	1967
19680075938	Effect of exposure angle on the atmospheric performance of coatings. 1 - Results of two- year exposures Interim report, Oct. 1964 - Oct. 1966	1967
19680075939	Research for development of a superior titanium alloy for use up to 1200 degrees F Final technical report, 19 Apr. 1966 - 30 Jun. 1967	1967
19680075940	A survey of nuclear radiation effects on aerospace materials	1967
19680075941	Subsonic gas-particle flow fields about blunt hypersonic bodies	1967
19680075942	Methods for elimination of corrosion products of nitrogen tetroxide Final report, 1 May 1966 - 30 Jun. 1967	1967
19680075943	Initial materials screening tests for task 2 of the Re-Entry Systems Environmental Protection /RESEP/ program Technical report, 28 Sep. 1966 - 19 May 1967	1967
19680075944	C.V.D. progress report, November 1966 - April 1967	1967
19680075945	Research on hydrazine decomposition Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680075946	Canadian upper air data Monthly bulletin, May 1967	1967
19680075947	A method for estimating separated-flow profiles over an axisymmetric afterbody	1967
19680075948	Zero five eight zero two Lance missile no. P-36, round no. 54 RBL /20 October 1967/ Meteorological data report	1967
19680075949	Aerobee NASA 4.226 UG /1 November 1967/ Meteorological data report	1967
19680075950	Honest John missile no. 594, round no. 561 AML /3 October 1967/ Meteorological data report	1967
19680075951	LES-5 triplexer	1967
19680075952	Tracking data preprocessor users guide	1967
19680075953	Validation and improvement of effectiveness evaluation techniques Final report	1967
19680075956	High energy batteries Final report	1967
19680075957	Analysis of Planetary Hyperbolic Departure Techniques	1967
19680075958	Determination of alkali metals, alkaline earths, and lanthanides and isotopic composition of strontium by surface emission mass spectrometry Annual report, 30 Nov. 1966 - 30 Nov. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680075959	Numerical and photographic studies of asymmetric bubble collapse	1967
19680075960	Factors affecting the synthesis and degradation of ribulose-1,5-diphosphate carboxylase in <i>Hydrogenomonas facilis</i> and <i>Hydrogenomonas eutropha</i>	1967
19680075962	Solid state laser devices Final report, 21 May 1965 - 21 May 1967	1967
19680075963	Research in purification and single crystal growth of 2-6 compounds Quarterly progress report, 16 Jul. - 15 Oct. 1967	1967
19680075964	Summary of Round Robin Thermal Property Measurement Results	1967
19680075965	Relations between radar sea clutter and existing local weather conditions Final report, 20 Apr. 1966 - 20 Feb. 1967	1967
19680075966	Density measurements in the reverse flow field of a four-engine rocket cluster model using an electron beam technique	1967
19680075967	A Proposal for the Investigation of the Earth's Dust Cloud by Scattered Radiation Measurements	1967
19680075968	Program to design, demonstrate, and deliver 60, 1/58-scale, 156-inch-diameter solid rocket motors for use in model testing of uprated Saturn 5 launch facility	1967
19680075972	Apollo 5 204/LM-1 LM main propulsion subsystem flight evaluation plan	1967
19680075974	Microwave transistors Final report, 1 Jun. 1965 - 31 May 1967	1967
19680075975	Fluid technology, applications to arming and fuzing systems - An annotated bibliography	1967
19680075976	Inhibited N2O4 engineering data Quarterly report, 1 Aug. - 31 Oct. 1967	1967
19680075978	VTOL transport program Semiannual report, Jan. - Jun. 1967	1967
19680075979	Guided waves on an infinite cylindrical cavity in a magnetoionic medium - 2	1967
19680075981	Thin film active devices Semiannual report, period ending 30 Jun. 1967	1967
19680075983	Research in aeronomy Progress report, 1 Apr. - 30 Sep. 1967	1967
19680075984	Research on electro-optic crystals for display systems Final report, Jul. 1966 - Jun. 1967	1967
19680075985	Fabrication techniques for lightweight hyper-environment E-M windows Final report, 1 Jun. 1965 - 31 May 1967	1967
19680075986	Project Apollo Quarterly report, 1 Jan. - 1 Apr. 1967	1967
19680075988	Development of a family of logic circuits, project T 75 Final progress report for period ending 31 Mar. 1967	1967
19680075991	The reliability of "flip chip" mounted transistors Final report	1967
19680075992	The preparation and structure of sols and gels of metal oxides and hydroxides	1967
19680075993	Magnetic properties of CeAs and CeSb observed by neutron scattering	1967
19680075998	A portable shock tube for calibration of piezo-electric pressure transducers in situ	1967
19680075999	Tradewind sheath Ranger development test	1967
19680076000	Investigation of maintenance-free, high rate, nickel-cadmium batteries for aircraft application Quarterly technical progress report, 1 Jun. - 31 Aug. 1967	1967
19680076002	Practical galvanic series	1967
19680076003	The Atlas launch vehicle family for spacecraft contractor planning	1967
19680076004	Oblique flow headers for heat exchangers - The influence of inlet velocity profiles	1967
19680076005	Flammability in unusual atmospheres. Part 2 - Selected materials in oxygen-nitrogen and oxygen-helium mixtures at pressures up to 315 psia Interim report	1967
19680076006	High performance fuel cell Quarterly technical report, 1 Jul. - 30 Sep. 1967	1967
19680076007	Hyperenvironmental radome evaluation techniques Final report, 1 Jul. 1966 - 30 Sep. 1967	1967
19680076008	Physical rocket engines	1967
19680076010	The development of a new laser material Final report, 30 Jun. 1966 - 30 Jun. 1967	1967
19680076011	Aerobee NASA 4.158 GG /27 October 1967/ Meteorological data report	1967
19680076012	Advanced concepts for improved semiconductor techniques Final report, 1 Jun. 1966 - 31 May 1967	1967
19680076013	Structural airplane parts made of fiberglass- reinforced plastics	1967
19680076014	Summary of neutron and gamma dosimetry techniques Technical report, Jan. - Dec. 1966	1967
19680076015	ABRAZ2 - ALRI to beacon range and azimuth table generation program	1967
19680076016	Monthly record - Meteorological observations in Canada, May 1967	1967
19680076017	The calibration of a modified setback simulator	1967
19680076018	A study of thermal conductivity requirements Final report	1967
19680076019	Solid rocket propellants	1967
19680076020	Radant development techniques Interim technical report, 1 Aug. - 30 Sep. 1967	1967
19680076021	Research on the effect of nonlinearities on tracking performance Final report, Sep. 1964 - Sep. 1966	1967
19680076022	Solid state digital scanning of mosaic sensors /phase 3/ Interim technical report, 1 Jul. - 31 Oct. 1967	1967
19680076023	A Preliminary Venus Model Atmosphere	1967
19680076024	Improved oxidation resistance of nickel and cobalt superalloys Quarterly progress report, 1 Sep. - 30 Nov. 1967	1967
19680076025	A study to analyze the permeation of high density gases and propellant vapors through single layer Teflon or Teflon structure materials and laminations Final progress report, 5 Jul. 1966 - 5 Oct. 1967	1967
19680076026	Abstracts of the Seventeenth Annual Symposium, USAF Antenna Research and Development Program	1967
19680076027	A limited scan antenna	1967
19680076028	A new Tacan antenna technique	1967
19680076029	A digitally controlled slot antennafier array	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076030	Broad band disc-on-rod antenna design	1967
19680076031	An unfurlable, high gain log-periodic antenna for space use	1967
19680076032	Asymmetrical feeders for log-periodic antennas	1967
19680076033	Synthesis of multilayer walls for radomes of aerospace vehicles	1967
19680076034	A compact slotted TEM-line antenna	1967
19680076035	A "best fit paraboloid" solution to the shaped dual reflector antenna	1967
19680076036	Radiating element design for molecular electronic radar array	1967
19680076037	Trailblazer 2 rocket tests of the effects of reentry plasma sheaths upon microwave antenna performance	1967
19680076038	A folded geodesic Luneberg lens antenna	1967
19680076039	Integral equation formulation of log-periodic antenna	1967
19680076040	The loaded multifilar helix antenna	1967
19680076042	A VHF satellite communication antenna system for supersonic aircraft	1967
19680076043	Helical antenna and antenna aiming mechanism for the Apollo lunar surface experiments package	1967
19680076044	A high temperature strip-line E-plane array	1967
19680076045	A line-source corrector for large spherical reflectors	1967
19680076046	An improved Cassegrain monopulse feed system	1967
19680076047	Computers and computer methods for large-scale antenna problems	1967
19680076048	The generalized reflector antenna problem	1967
19680076049	Optimized distribution for symmetrical planar arrays	1967
19680076050	Element thinning in large arrays	1967
19680076051	The role of loading for physically small antenna elements	1967
19680076052	The reduction of coupling between antennas on an aerospace vehicle	1967
19680076053	High power antenna development	1967
19680076054	A slow-wave flat spiral antenna	1967
19680076055	Navy evaluation of Blue Standard Rolls Royce Spey engines model F-4K airplane Final report	1967
19680076056	Radioisotope power devices of the U. S. Navy, volume 1, no. 3 Quarterly operating report, 1 Jul. - 30 Sep. 1967	1967
19680076057	Development of an alignment and measuring system for large aerospace vehicles, volume 2 Technical report, 1 Jul. 1963 - 1 Jul. 1967	1967
19680076058	Investigation of electrolytically separated microwave conducting layers	1967
19680076059	Research on improvements to small microwave tubes Quarterly report, 1 Mar. - 31 May 1967	1967
19680076060	Nike-Javelin round no. MD 67-9.5-3 /8 November 1967/ Meteorological data report	1967
19680076061	F-4M airplane demonstration planning, progress, and data report. Volume 2 - Demonstration data	1967
19680076062	Determination of minimum concentrations of environmental water capable of supporting life Semiannual report, 1 May - 31 Oct. 1967	1967
19680076063	C.V.D. research project RP3-58 - Electronography Final report	1967
19680076064	The measurement of mass density in a turbulent wake by means of Rayleigh scattering from a laser beam	1967
19680076065	Research on direct electron beam film scanning techniques Final technical report, 1 May 1966 - 15 Aug. 1967	1967
19680076066	Analysis of Plasma Measurements on IMP-F	1967
19680076067	A Description of the Program for a Balloon Borne Hard X-ray Astronomy Experiment	1967
19680076069	X-ray analysis of lunar materials Quarterly progress report, 14 Aug. - 10 Nov. 1967	1967
19680076070	Stability of longitudinal oscillations of a shell with a liquid	1967
19680076071	Tri-service evaluation of the Canadair CL-84 tilt-wing V/STOL aircraft Final report, 28 Apr. - 29 Aug. 1967	1967
19680076074	Aeroelastic characteristics of Saturn 1B and Saturn 5 launch vehicles	1967
19680076075	On forced response of polygonal plates	1967
19680076076	Dynamic stability of a closed anisotropic cylindrical shell	1967
19680076077	Meteorological observations in Canada Monthly record, Apr. 1967	1967
19680076078	A frequency analysis of maximum two-day and three-day rainfalls in Saskatchewan Alberta and northeastern British Columbia	1967
19680076079	Evaluation of the mechanical properties of 9Ni-4Co forgings Quarterly progress report, 1 Aug. - 1 Nov. 1967	1967
19680076080	Ballistic limits of 6061-T6 aluminum bumper systems Topical progress report	1967
19680076081	All-weather carrier landing system flight test program Interim report, 25 Feb. - 11 Sep. 1966	1967
19680076082	A basic study of the sliding contacts in rolling bearings Quarterly progress report, 1 Aug. - 1 Nov. 1967	1967
19680076083	Aerodynamic characteristics of multiple fins of rectangular planform on a body of revolution at Mach numbers of 1.48 to 2.22	1967
19680076084	Elastomer-fabric laminates of improved water and fuel resistance Final technical report, 15 Jan. - 14 Jul. 1966	1967
19680076085	Space storable propellants	1967
19680076086	A theoretical investigation of gas-augmented high explosive simulation technique Final report, 15 May 1966 - 31 Mar. 1967	1967
19680076087	Preliminary experiments on the electron beam welding of ausformed steel	1967
19680076088	Corrosion-resistant cladding for 7075-T6 aluminum alloy Annual summary report, Jun. 1966 - May 1967	1967
19680076089	Friction of tungsten disulfide sliding in an ultrahigh vacuum system	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076090	Optimal kinematic range estimation during high velocity satellite interception Final report	1967
19680076091	Two-dimensional trajectory	1967
19680076092	SPARTA program. Surface mass injection at supersonic and hypersonic speeds as a problem in turbulent mixing. Part 1. Two- dimensional flow	1967
19680076093	Analytical aero-triangulation	1967
19680076094	Magnetic characteristics of a high- permeability Ni-Fe-Cu-Mo alloy Research report, Aug. 1966 - Jul. 1967	1967
19680076095	Modifications to the MSF 60 kHz standard frequency and time service Research report, Jan. - Nov. 1966	1967
19680076096	Provisional evaporation maps of Canada, May- October	1967
19680076097	Sources of fracture toughness - The relation between K _{1c} and the ordinary tensile properties of metals	1967
19680076098	Rubidium-magnetometer Buffer-tape Check and Experimenter-tape Generator Program for CDC-3200 Computer	1967
19680076100	Study of peptide structures by means of phenyl isothiocyanate 5. On the formation of phenylthiohydantoin-35S/ and their chromatography	1967
19680076101	A note on the theory of ducted propellers working in open water	1967
19680076102	The radio frequency plasma torch as an excitation source in emission spectroscopy. Part 1 - Preliminary evaluation	1967
19680076103	Memory system for microcircuits Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680076104	Research on infrared optical materials Interim technical report, 1 May - 31 Oct. 1967	1967
19680076105	The effects of hypervelocity impact on structures representative of the Apollo service module Final report	1967
19680076108	Measurements of skylight polarization at dusk as indicator of high atmosphere turbidity of cosmic origin	1967
19680076109	Differential cross sections in proton-proton scattering at 52.34 MeV	1967
19680076113	The present status of the half-life measuring equipment and technique at Studsvik	1967
19680076114	Duplexer for C-band electronically scanned radar Final report, 6 Jun. 1966 - 15 Sep. 1967	1967
19680076116	SPARTA program. Two-dimensional boundary layer flows with large injection rates	1967
19680076117	Methods of fabricating and joining large sandwich segments for forming common domes Phases 4 and 8 report	1967
19680076118	SPARTA program. Discontinuous injection of inert gases into the non-equilibrium laminar boundary layer	1967
19680076119	Metallic filament growth - Whisker growth Literature search report, Jul. 1964 - Sep. 1967	1967
19680076120	Methods of fabricating and joining large sandwich segments for forming common domes Phase 7 report, Jan. - Sep. 1967	1967
19680076121	The development of air sampling technology by the Atomic Energy Research Establishment, Harwell	1967
19680076122	Silver-zinc missile power supply Quarterly technical progress report, 30 Jun. - 30 Sep. 1967	1967
19680076123	Development of manufacturing techniques for production of rain erosion resistant coated structures Interim engineering report, 1 Aug. - 31 Oct. 1967	1967
19680076124	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments Semiannual report	1967
19680076125	Investigation of physical properties and surface morphology of substrates, 3 October 1966 - 3 July 1967	1967
19680076126	Study of electro-optical data processing and reduction Progress report, 15 Sep. - 15 Dec. 1967	1967
19680076127	Primate Hemodynamics And Metabolism in an Orbiting Satellite /PHAMOS/ Semiannual status report, 1 Feb. - 31 Jul. 1967	1967
19680076128	Lunar module ascent stage thermal simulator, volume 1 Final report	1967
19680076129	Nike-Hydac STV SR 061 /11 October 1967/ and Nike-Hydac STV SR 062 /12 October 1967/	1967
19680076130	Analytical and experimental development program for inflatable solar shields Quarterly progress report, 30 Jun. - 30 Sep. 1967	1967
19680076131	Lunar module descent stage thermal simulator, volume 1 Final report	1967
19680076132	Evolution of the distribution of mean and turbulent velocities in a duct as a function of the Reynolds number	1967
19680076133	Study of spark temperature measurements as a means of deducing static temperature Semiannual progress report	1967
19680076134	Pulse shaping device for general application	1967
19680076135	Nonlinear interaction of laser radiation Semiannual technical report	1967
19680076137	XC-142A VTOL transport program Monthly progress report, 1-30 Sep. 1967	1967
19680076138	Boeing-MSFC 1/8 inch light gas gun Final report	1967
19680076139	A field assessment of a prototype meter for measuring the Wet-Bulb Globe-Thermometer index /WBGT index/	1967
19680076140	Proceedings of the 4th Navy Symposium on Military Oceanography, volume 1	1967
19680076141	An analytical review of lessons learned from the H-bomb sea search off Spain. Part 1 - Search, classification, and recovery	1967
19680076142	Submarine topographic echoes from Chase 5	1967
19680076143	NEL manned submersible oceanographic system, modification 1	1967
19680076144	Environmental limitations to deep sea search	1967
19680076145	Direct measurement of bottom slope sediment sound velocity and attenuation and sediment shear strength from Deepstar 4000	1967
19680076146	Variability in derived sediment sound velocity as a function of core analysis and its effect in determining theoretical bottom reflectivity	1967
19680076147	Strange hot waters and minerals at the bottom of the Red Sea	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076148	Military significance of deeply submerged sea cliffs and rocky terraces on the continental slope	1967
19680076149	Real-time oceanographic data for oceanographic prediction	1967
19680076150	Data requirements for synoptic sea surface temperature analyses	1967
19680076151	Large-scale anomalous sea surface conditions in the north Pacific	1967
19680076152	Energy spectra of the sea from photographs	1967
19680076153	Numerical prediction of geostrophic flow derived from sea-surface temperature	1967
19680076154	The FNWF sound map program	1967
19680076155	Concrete hulls for undersea habitats	1967
19680076156	Five years experience with a shipboard oceanographic data processing system - Hindsight and foresight	1967
19680076157	Corrosion of materials in hydrospace. Part 1 - Irons, steels, cast irons, and steel products	1967
19680076158	Sensors, controls and displays of the Deep Submergence Rescue Vehicle /DSRV/	1967
19680076159	The "Fail-Safe" program for prevention of losses of oceanographic equipment	1967
19680076160	Long range ocean acoustics and synoptic oceanography Straits of Florida results	1967
19680076161	Oceanic turbulence and amplitude fluctuations in acoustic signals	1967
19680076162	Siphonophores and their released bubbles as acoustic targets within the deep scattering layer	1967
19680076163	Migration and temperature structure of eddies on the leeward side of the Hawaiian Islands	1967
19680076164	Positioning of the Gulf Stream by means of aerial infrared radiation thermometer measurements	1967
19680076165	Comparison of minimum detectable light levels and the level of stimulated marine bioluminescence in ocean waters	1967
19680076176	Millimeter wave mixers Quarterly report, 1 Aug. 1967 - 1 Nov. 1967	1967
19680076177	Experiments using cold forging equipment for ausforming components, part 4	1967
19680076178	Atlas space launch vehicle systems summary	1967
19680076179	Total solar eclipse of 22 September 1968	1967
19680076181	The electrical resistivity of the moon Interim report for period ending 31 Oct. 1967	1967
19680076182	Data analyses in connection with the National Geodetic Satellite program Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680076183	NASCOM network ground communications reliability report	1967
19680076184	Determination of water soluble additives in liquid hydrocarbon fuels	1967
19680076185	Review of the theoretical and experimental wind tunnel wall effects on the unsteady aerodynamics of two-dimensional airfoils and cylinders	1967
19680076186	Apollo Guidance and Navigation - Guidance System Operations Plan for Manned CM Earth Orbital and Lunar Missions Using Program Colossus. Section 5 - Guidance Equations	1967
19680076187	Apollo updata signal characteristics and capability performance	1967
19680076189	Improved insulators for rocket motors /U/ Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19680076190	Light Intra-theater Transport /LIT/. Volume 1.0 - Summary /U/ Final report, 1 Jan. - 1 Aug. 1967	1967
19680076191	Light Intra-theater Transport /LIT/. Volume 2.1 - Air vehicle system /U/ Final report, 1 Jan. - 1 Aug. 1967	1967
19680076192	Light Intra-theater Transport /LIT/. Volume 2.2 - Propulsion /U/ Final report, 1 Jan. - 1 Aug. 1967	1967
19680076193	Light Intra-theater Transport /LIT/. Volume 2.3 - Performance, stability, and control /U/ Final report, 1 Jan. - 1 Aug. 1967	1967
19680076194	Light Intra-theater Transport /LIT/. Volume 2.4 - Weights /U/ Final report, 1 Jan. - 1 Aug. 1967	1967
19680076195	Light Intra-theater Transport /LIT/. Volume 2.5 - Structures /U/ Final report, 1 Jan. - 1 Aug. 1967	1967
19680076196	Light Intra-theater Transport /LIT/. Volume 2.6 - Logistics support /U/ Final report, 1 Jan. - 1 Aug. 1967	1967
19680076197	Light Intra-theater Transport /LIT/. Volume 2.7 - Trade studies /U/ Final report, 1 Jan. - 1 Aug. 1967	1967
19680076198	Light Intra-theater Transport /LIT/. Volume 3.0 - Costs and schedules /U/ Final report, 1 Jan. - 1 Aug. 1967	1967
19680076203	Gemini 12 inertial guidance system evaluation and trajectory reconstruction /U/	1967
19680076212	Launch vehicle requirements for reentry research missions at 40000 to 60000 fps velocity. Volume 1 - Candidate research launch vehicle selection /U/	1967
19680076213	Launch Vehicle Requirements for Reentry Research Missions at 40000 to 60000 Fps Velocity. Volume 2 - Candidate Research Launch Vehicle Cost and Performance Evaluation /U/	1967
19680076216	F-111B production airplane - Catapult performance analog computer study /U/	1967
19680076217	Effect of launch vehicle destruct action on SM, LM adapter, and LM test article for mission AS-501 /U/	1967
19680076219	Solid propellant exhaust radiation studies Final technical report, 15 Dec. 1963 - 15 Sep. 1967	1967
19680076220	Development of improved methods of depositing iridium coatings on graphite Annual summary report, 31 Jan. 1966 - 15 Feb. 1967	1967
19680076221	Monte Carlo determination of bounds on error correcting codes	1967
19680076222	Investigations in the vacuum ultraviolet using a grazing incidence spectrograph	1967
19680076223	Production engineering measure for type CR-/XM-60/U crystal units Quarterly report, Jan. - Mar. 1967	1967
19680076224	Production engineering measure for insulated gate field effect transistors Quarterly progress report, 1 Mar. - 30 May 1967	1967
19680076225	Manufacturing methods and process controls for low cost resonant gate transistors Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19680076226	Little John /MRRS/ missile no. 1103, round no. TFG-4 /21 September 1967/ Meteorological data report	1967
19680076227	Hydrostatic pressure effects in carbon and germanium thermometers	1967
19680076228	Analytical study of air data equations for a hemispherical pressure probe through the hypersonic Mach number range Final report, Mar. 1966 - Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076229	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 26 Apr. - 31 Jul. 1967	1967
19680076230	Constant temperature creep studies of some simple polymeric composites	1967
19680076231	A time-multiplex switching system for visual display of the outputs of an ultrasonic transducer array	1967
19680076232	Intrinsic detector development Semiannual technical progress report, 8 May - 7 Nov. 1967	1967
19680076233	Development of nose cone protective covering techniques Interim technical report, 16 Aug. - 15 Nov. 1967	1967
19680076234	Development of shielding effectiveness test methods 1 GHz through 10 GHz Final report, Oct. 1966 - Sep. 1967	1967
19680076235	Tacan antenna techniques Final report, Mar. 1966 - Sep. 1967	1967
19680076236	Structural model analysis with thermoplastics	1967
19680076237	Satellite unfurlable antenna techniques	1967
19680076238	Capabilities of in-flight thrust reversing on tactical aircraft Technical report, 1 Sep. 1966 - 30 Jun. 1967	1967
19680076239	Rubies for temperature standards Final report, Oct. 1966 - Jul. 1967	1967
19680076240	Aerobee KP 3.20 /4 December 1967/ Meteorological data report	1967
19680076241	Development of an ejector pump engine fuel feed system Final report, 6 Jun. 1966 - 6 Jul. 1967	1967
19680076242	Synthesis and characterization of electronically active materials Technical report, 16 Nov. 1966 - 15 May 1967	1967
19680076243	A reciprocal S-band high power p-i-n diode phase shifter Quarterly progress report, 10 Jan. - 9 Apr. 1967	1967
19680076244	Ion oscillations in an electron beam generated plasma	1967
19680076245	Development of a solid-state X-band power source Interim technical report, 1 Jul. - 30 Sep. 1967	1967
19680076246	Advanced signalling and supervision Final report, 14 Mar. 1966 - 14 Aug. 1967	1967
19680076247	The collapse-hinge failure of blast-loaded cylinders	1967
19680076248	Powder metallurgy of beryllium	1967
19680076249	Lance 06802 missile no. XTP-59, round no. 52 RPL /29 September 1967/ Meteorological data report	1967
19680076250	Rechargeable metal-air cell Quarterly report, 1 May - 31 Jul. 1967	1967
19680076251	Data analysis programming group AN/AYA-8 Interim engineering report, period ending 15 Sep. 1967	1967
19680076252	Transition of the hypersonic boundary layer on a cone. Part 1 - Experiments at M infinity equals 12 and 15	1967
19680076253	Electron microscope fractography	1967
19680076254	Boron nitride	1967
19680076255	Calculation of radar cross section, part 1. Volume 1 - Development of numerical techniques Final engineering report, 30 Jun. 1966 - 30 Sep. 1967	1967
19680076256	Development of the manufacturing capabilities of the hydrostatic extrusion process, volume 2 Final technical report, 1 Dec. 1964 - 8 Jul. 1967	1967
19680076257	A solution procedure for a class of problems having combinatorial character	1967
19680076258	Microwave electronically variable ion beam time delay device study Quarterly report, Mar. - May 1967	1967
19680076259	A combined AM-PM digital communications system	1967
19680076260	Singular lines in the parameter plane	1967
19680076261	Turbulence spectra in the wind immediately over a water surface	1967
19680076262	A field-effect transistor amplifier for improving piezoelectric gage measurements	1967
19680076263	Clean surface studies on semiconductors Final report, 1 Jan. 1963 - 31 Dec. 1966	1967
19680076264	Effects of Reynolds number variation on the stability and axial-force characteristics of a 0.0226-scale model of the C-5A aircraft at Mach numbers 0.700, 0.767, and 0.785 Final report, 12-14 Jul. 1967	1967
19680076265	Raindrop distribution at Woody Island, Alaska	1967
19680076266	On-site data processing at Diyarbakir - Hardware	1967
19680076267	Analysis of computer design	1967
19680076268	Titanium complexes of para-substituted pyridine-N-oxides. Volume 1 - Effect of substituent on the N-O and Ti-O stretching vibrations Summary technical report, 15 Jun. 1966 - 14 Jul. 1967	1967
19680076269	The determination of oxygen in titanium boride by inert gas fusion Technical report, Jan. 1966 - Feb. 1967	1967
19680076270	Analysis of subarray wave number spectra - Large-array signal and noise analysis Special scientific report no. 6	1967
19680076271	Nuclear Magnetic Resonance /NMR/ flowmeter Final report, Apr. 1964 - Jul. 1967	1967
19680076272	Improved video detectors Interim report, 20 Jan. - 30 Jun. 1967	1967
19680076273	Research on Gunn effect devices, part 1 Final report, Aug. 1965 - Jul. 1967	1967
19680076274	Drag and performance characteristics of flexible aerodynamic decelerators in the wakes of double-strut mounted forebodies at Mach numbers from 2 to 5 Final report	1967
19680076275	A qualitative approach to the pneumatic tire- soft soil system Final report	1967
19680076276	Extruding and drawing molybdenum to complex thin H-section Final technical report, 1 Jul. 1963 - 15 Jul. 1967	1967
19680076277	Integration techniques for garnet spheres Final report, 1 Jun. - 30 Jul. 1967	1967
19680076278	Theoretical study of atomic and molecular processes Interim report	1967
19680076279	Research on laser balancing of rotating turbine components Interim technical report, 1 Aug. - 31 Oct. 1967	1967
19680076280	Propulsion system modeling and integrated controls optimization Final report	1967
19680076281	Short-pulsed gamma-radiation effects on dynamic electronic components	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076282	Aerodynamic gas spike for reentry vehicle communications studies Final report, 1 Apr. 1965 - 15 Jun. 1967	1967
19680076283	Nike-Apache Speedball 2, round no. 109, SN 44 /12 September 1967/ Meteorological data report	1967
19680076284	A fast-charge power supply	1967
19680076285	Variable capacitance diode production engineering measures program Quarterly report, 17 Jun. - 17 Aug. 1967	1967
19680076286	An evaluation of the first series of flapping experiments with a see-saw rotor up to micron equals 0.5 in open air conditions using a vehicle for translational speed	1967
19680076287	An intermediate temperature cryostat for the temperature range from 4 deg to 300 deg K	1967
19680076288	A comparison of drag increments due to the addition of various stores on three different aircraft	1967
19680076289	Measurement of the constitutive parameters from the scattered fields of small spherical samples	1967
19680076290	S-band solid state amplifier Final report, Mar. 1966 - Aug. 1967	1967
19680076291	Anion diffusion in nickel and cobalt oxides Technical report, 1 Sep. 1966 - 31 Mar. 1967	1967
19680076292	Reconnaissance color evaluation Final technical report, 1 Mar. 1966 - 30 Sep. 1967	1967
19680076293	A study of synthetic fiber cloth variables accelerated and Florida weather variables and their interaction Final report	1967
19680076294	Failure mechanisms in sealed batteries - Part 2 Semiannual technical report, 31 Dec. 1966 - 30 Jun. 1967	1967
19680076295	Production engineering measure for ruby laser rods Final report, 28 Jun. 1965 - 23 Oct. 1967	1967
19680076296	Development of extruding, drawing, and heat treating processes for thin steel extrusions Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680076298	Production engineering measure for insulated gate field effect transistors Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19680076299	VHF modulation and detection techniques Quarterly report, 30 Jun. - 30 Sep. 1967	1967
19680076301	Microencapsulation Technical report, Apr. 1964 - Jun. 1967	1967
19680076302	Spectral properties of passively Q-spoiled lasers Semiannual technical summary report, 1 Apr. - 30 Sep. 1967	1967
19680076304	Development of convex face draw die Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680076305	Development of a high response differential pressure transducer	1967
19680076306	Improved filter radiometer for monitoring solar simulator irradiance in vacuum Final report, 1 Apr. 1965 - 30 Jun. 1967	1967
19680076307	Microminiature crystal unit type CR-/XM-47//U production engineering measure Quarterly progress report, 27 Feb. - 27 May 1967	1967
19680076308	Safe exposure times for men working in hot and humid conditions	1967
19680076309	Development of microelectronically tuned receiver Quarterly report, 1 Jul. - 1 Oct. 1967	1967
19680076310	Raindrop distributions at Island Beach, New Jersey Technical report, 30 Oct. 1960 - 24 May 1962	1967
19680076311	Ignition of aviation kerosine by hot pipes	1967
19680076312	Aerodynamic deployable decelerator performance-evaluation program, phase 3 Final report, Apr. 1965 - Jul. 1967	1967
19680076313	Silicon carbide whisker-metal matrix composites Final report, 1 Jul. 1966 - 31 Aug. 1967	1967
19680076314	Exploratory propellant chemistry Semiannual report, Jul. 1966 - Jan. 1967	1967
19680076315	Development of high value resistor technology compatible with thin-film integrated circuits Quarterly development report, 1 Jun. - 31 Aug. 1967	1967
19680076316	Theoretical and experimental study of a device for increasing the uncontaminated flow time of a reflected shock tunnel Final report, Aug. - Dec. 1966	1967
19680076317	A computer-automated iterative method for neutron flux spectra determination by foil activation. Volume 3 - Reference cross section library for SAND 2 Research report, Apr. 1966 - Jul. 1967	1967
19680076318	Exploratory development and analytical support of experimental materials Final report, 15 Jun. 1966 - 14 Jul. 1967	1967
19680076319	Investigation of gallium arsenide-indium arsenide alloy systems Final technical report, 15 Oct. 1966 - 15 Oct. 1967	1967
19680076321	The stress cracking of polythene in Igepal CO-630 solutions	1967
19680076322	Electronically tunable ZnY filters Interim report, 1 Mar. - 15 Jun. 1967	1967
19680076323	Calculation of pressure losses in jet engine combustion chambers	1967
19680076324	Advanced chemical milling processes Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680076325	Saturn 5 vehicle with 260-inch diameter solid motor study - Vehicle description Final report, 18 Apr. 1967 - 17 Dec. 1967	1967
19680076326	Numerical analysis of equilibrium and eigenvalue problems Final report, Jul. 1966 - Sep. 1967	1967
19680076327	Engineering evaluation of the Diazo contact printer Final report, 23 Feb. - 31 Jul. 1967	1967
19680076328	Evaluating the reliability of an accelerated test for qualifying ozone-protective waxes Final progress report	1967
19680076330	Shock spectra measurements using multiple mechanical gages	1967
19680076331	Production engineering measure for cesium beam tubes, volume 1 Final report, 23 May 1963 - 31 Jul. 1967	1967
19680076333	Flow through micro-openings Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680076334	The application of molecular radiation in the production of p-n transitions by evaporating germanium to a desired degree of doping on a monocrystalline germanium support of the opposite conduction type	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076335	Brushless dc starter-generator Quarterly report, 1 Jul. - 1 Oct. 1967	1967
19680076336	Solid state image intensifier panels Quarterly progress report, 1 Jul. - 31 Oct. 1967	1967
19680076337	An interference process for the investigation of rough surfaces	1967
19680076338	Interference reduction techniques for frequency converters Quarterly report, 15 Jul. - 15 Sep. 1967	1967
19680076339	An evaluation of electron beam welding machines for AFLC use Final report, 1 Feb. - 1 Nov. 1967	1967
19680076340	Analysis of 2FBG-10H computed windage with variations in design parameters	1967
19680076341	Aerobee NASA 4.229 DG /NB 3.200/ /14 November 1967/ Meteorological data report	1967
19680076342	Measuring the permeability of fibers made from artificial matter	1967
19680076343	Powder metallurgy	1967
19680076344	Apollo Applications Program Study - Utilization of LM for Advanced Applications Final Report	1967
19680076345	Angular distribution of hydrogen and argon ions from a high frequency source	1967
19680076346	IR pulsed laser - Uranyl spectral studies Final technical report, 1 Feb. 1966 - 30 Apr. 1967	1967
19680076347	Associative memory compiler techniques study Final report, Apr. 1966 - Jul. 1967	1967
19680076348	Study and experimentation of rapid reaction inertial navigation systems Final report, May 1966 - Mar. 1967	1967
19680076349	Production engineering measure Final report, 12 Jun. 1962 - 15 Aug. 1967	1967
19680076350	Magnetoplasma dynamic thruster research Interim report, 17 Apr. - 17 Oct. 1967	1967
19680076351	The numerical solution of boundary layer problems Scientific report	1967
19680076352	Development of the manufacturing capabilities of the hydrostatic extrusion process, volume 1 Final technical report, 1 Dec. 1964 - 8 Jul. 1967	1967
19680076353	Investigation of the quantitative determination of precipitation by radar Interim report, 1 Apr. - 30 Sep. 1967	1967
19680076354	Study, investigation, design and development of a demodulator Final progress report, 1 Jun. 1966 - 31 Aug. 1967	1967
19680076355	Cavity cathode effect in cesium vapor	1967
19680076356	Solid state amplification /phase 2/ Summary report, 1 Jul. 1966 - 31 Mar. 1967	1967
19680076357	Sea level transient testing of a Pratt and Whitney aircraft J60-P-3A turbojet engine Final report	1967
19680076358	On the determination of material characteristics in nonlinear viscoelasticity Final technical report, part 1, Oct. 1965 - Feb. 1967	1967
19680076359	Nonsteady-state thermal stress behavior of refractory materials Technical report, Mar. 1966 - Oct. 1967	1967
19680076360	Development of new test techniques for determining the compatibility of materials with liquid oxygen under impact Technical report, 1 Feb. 1965 - 31 Dec. 1966	1967
19680076361	The scattering mechanism of current carriers in tellurium alloyed gallium phosphide	1967
19680076362	Analysis of thyristor-based frequency speed-control systems for alternating-current motors	1967
19680076363	Development and evaluation of ISLS switch assembly Final report	1967
19680076364	Liquid metal magnetohydrodynamics Quarterly technical progress report, Jul. 12 - Oct. 11, 1967	1967
19680076366	Saturn 5 vehicle with 260-inch diameter solid motor study - Cost plan Final report, 18 Apr. - 17 Dec. 1967	1967
19680076367	Saturn 5 vehicle with 260-inch diameter solid motor study. Appendices Final report	1967
19680076368	Telemetry feasibility	1967
19680076369	Accelerated testing technology Final report, Feb. 1966 - Jul. 1967	1967
19680076370	CRASH 12 - A computer program to calculate the dynamic elastic-plastic response of a free nonuniformly heated ring subjected to arbitrary sequential loadings Interim technical report	1967
19680076371	Non-equilibrium properties of magnetoplasmas Semiannual status report, 1 Mar. - 31 Aug. 1967	1967
19680076372	Parametric and experimental analysis of ejector performance	1967
19680076373	Development of nondestructive methods for evaluating diffusion-formed coatings on metallic substrates Technical report, May 1, 1966 - Apr. 30, 1967	1967
19680076374	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors Quarterly report, 29 Jun. - 29 Sep. 1967	1967
19680076375	Computerized techniques for the manufacture of integrated electronic systems Interim engineering progress report, 15 Jul. - 15 Oct. 1967	1967
19680076376	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Mar. - 31 May 1967	1967
19680076377	High-power traveling-wave multiple-beam klystron Final report, 2 Jul. 1962 - 30 Jun. 1966	1967
19680076378	Design of a superconducting energy storage unit Technical report, 1 Nov. 1963 - 1 Apr. 1967	1967
19680076379	Single crystal silicon films on insulating substrates /follow on program/, 1 August 1967 through 31 October 1967	1967
19680076380	Processing, evaluation, and standardization of titanium alloy castings Interim engineering report, 15 Jun. - 15 Nov. 1967	1967
19680076381	A second moment theory of intrinsic dimensionality Technical report, Jul. 1966 - Jul. 1967	1967
19680076382	Development of a rotating water electrolysis unit Final technical report, 1 Mar. 1964 - 30 May 1967	1967
19680076383	Service test of electronic fault detector	1967
19680076384	Application of materials to advanced rocket nozzle and hot gas control systems, volume 1 Final report, 1 Oct. 1964 - 31 Jan. 1967	1967
19680076385	Effect and control of chatter vibration in machine tool processes Quarterly technical report, 1 Nov. 1966 - 31 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076386	Effect and control of chatter vibration in machine tool processes Quarterly technical report, 1 Feb. - 30 Apr. 1967	1967
19680076387	On the analysis of a cross-correlation receiver for the detection of noise-like signals Final report	1967
19680076388	Properties of pyridinyl free radicals Semiannual progress report	1967
19680076389	Investigation and evaluation of motor insulation for multiple restart application Final report, 2 May 1966 - 11 Aug. 1967	1967
19680076390	High velocity cone impact studies, part 1	1967
19680076391	High velocity cone impact studies, part 2	1967
19680076393	Design and development of a 94 GHz ICEM coaxial magnetron Final report, 1 Apr. 1966 - 31 Mar. 1967	1967
19680076394	Production engineering measures for microwave ferrimagnetic materials and circulators Quarterly progress report, 1 May - 31 Jul. 1967	1967
19680076395	Study of large neuromime networks Final report, May 1966 - Dec. 1967	1967
19680076396	Power spectra and noise-reducing qualities of LASA beams	1967
19680076397	Performance of receivers and signal analyzers using broadband frequency-sensitive devices	1967
19680076398	Turbulence measurements in an axisymmetric compressible wake	1967
19680076399	Lance 06502 missile no. TP33 /P-27/, round no. 51 RML /22 September 1967/ Meteorological data report	1967
19680076400	Basic shapes for aerospace structures. Phase 2 - Supplement utilization potential, May - July 1967	1967
19680076401	The spectrochemical determination of fluorine in organic material	1967
19680076402	Measurement of complex permittivity Quarterly report	1967
19680076403	Close-coupling calculations of the scattering of electrons by atoms Technical report, 1 Feb. 1966 - 15 Aug. 1967	1967
19680076404	Stress-aging - A new treatment for alloys. Part 6 - Effect on standard tensile properties of 18 Ni-maraging steel	1967
19680076405	Design criteria for explosive drivers used for atmospheric blast simulation Final report, 28 Jul. 1966 - 27 Jul. 1967	1967
19680076406	Effects of range closure on image correlation functions for guidance applications	1967
19680076407	Considerations for the application of an ultraviolet illuminator to night aerial photographic reconnaissance Technical report, Apr. 1966 - Jul. 1967	1967
19680076408	Synthesis of a spacecraft probability state variable adaptive control system Final project report, 17 Mar. 1966 - 30 Jul. 1967	1967
19680076409	The limited space-charge accumulation mode in bulk gallium arsenide	1967
19680076410	Differential neutron current albedos for concrete in the incident energy range 0.5 eV to 200 keV. 1 - Descriptions of Monte Carlo calculation and TSF experiment and comparison of calculated and experimental results	1967
19680076411	Comparison of the Bretschneider relations concerning the distribution of the visually- observed waves and the spectrum of the sea waves with the results of the evaluation of wave records from the Helgolaender Bucht /Deutsche Bucht/	1967
19680076412	A discretely controlled analog memory	1967
19680076413	Control effectiveness of transverse jets interacting with a high-speed free stream. Volume 1. Design charts, theoretical and experimental results Final technical report, 1 Jul. 1966 - 1 May 1967	1967
19680076414	Trajectory optimization by method of steepest descent. Volume 1 - Formulation Final technical report	1967
19680076415	Feasibility investigation for low-cost flight programmer Final report, 15 Oct. - 2 Jun. 1967	1967
19680076416	Optimum forming processes and equipment necessary to produce high quality, close tolerance titanium alloy parts Interim engineering progress report, 1 Jun. - 31 Oct. 1967	1967
19680076417	Tacan antenna techniques Final report, Mar. 1966 - Jun. 1967	1967
19680076418	Long life stable zinc electrodes for alkaline secondary batteries Quarterly report, 1 Mar. - 31 May 1967	1967
19680076419	Equipment for low available light photography	1967
19680076420	Study to obtain design data for reentry ECM antenna systems Quarterly technical report	1967
19680076421	Study of silicon nitride as a dielectric material for microelectronic applications Final report, 1 Jul. 1966 - 31 Jul. 1967	1967
19680076422	Multiple target coherent optical receiver techniques Final report, Mar. 1966 - May 1967	1967
19680076423	A Study of Phycophysiology in Controlled Environments and Supplemental Task 1 - the Yeast Satellite Experiment Semiannual Status Report, 1 Apr. - 30 Sep. 1967	1967
19680076424	Experiments on the effects of low pressures on cellular ultrastructure and cytochemistry in plants Final summary report, 1 Apr. 1963 - 31 Mar. 1967	1967
19680076425	Hardening techniques study for advanced missile facilities volume 9 B, C and D, closure predesign analysis, shock isolation analytical methods, air blast attenuation, analytical techniques appendices to volume 4 Final report	1967
19680076426	Feasibility study for high power C-band CFA Final technical report	1967
19680076427	The effect of ammonium perchlorate particle size on the heat output of a propellant	1967
19680076428	Propellant line dynamics Final report	1967
19680076429	Studies of electron scattering in thin films Final technical report, 15 Jan. 1966 - 15 Jan. 1967	1967
19680076430	The feasibility of swinging the C12 compass in the Hercules C. Mk. 1 using normal compass swinging procedures	1967
19680076431	Ground power thermoelectric generator module Technical report, Dec. 1966 - Dec. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076432	A reciprocal S-band high power p-i-n diode	1967
19680076434	Low noise parametric amplification of millimeter waves Final report, 1 Jul. 1966 - 31 Mar. 1967	1967
19680076435	Multichannel switching for high power discharges	1967
19680076436	Solid-state phased array transmitter study Final report	1967
19680076438	A computer-automated iterative method for neutron flux spectra determination by foil activation. Volume 4. Reference spectrum library for SAND 2 Technical report, Apr. 1966 - Jul. 1967	1967
19680076440	Research study of new concepts to promote the failure of polymers by stress cracking Final report, Jul. 1964 - Jun. 1967	1967
19680076441	A new technique for simultaneous east angular sensor calibration and navigation of inertial systems Phase report	1967
19680076442	Satellite measurement of artificially injected radiation Final report	1967
19680076443	Performance evaluation of a 25,000 to 35,000 pound capacity extraction system for the C-141A aircraft Final report	1967
19680076444	Text compression optimization Final report, Jan. 26, 1966 - Jul. 31, 1967	1967
19680076445	Development of a contour weaving process Final report, Jun. 1966 - Sep. 1967	1967
19680076446	Computational utility of nonlinear transistor models	1967
19680076447	PEM for filter, quartz crystal 112 Mc, type EL-FR/X-2/ and crystal unit, filter, quartz type CR-/XM-65//U Quarterly progress report, 1 May - 31 Jul. 1967	1967
19680076448	Machining of new materials Technical report, 1 Jun. 1966 - 30 Sep. 1967	1967
19680076449	Biologic effects of microwave exposure Final report, 1958-1965	1967
19680076450	Consolidated quarterly report for period January 1 to March 31, 1967	1967
19680076451	Electron beam studies	1967
19680076452	Quantum studies	1967
19680076453	Plasma studies	1967
19680076454	Solid state studies	1967
19680076455	Study and design of a spaceborne laser altimeter system Final report, Sep. 1966 - Jan. 1967	1967
19680076456	Technical memoranda and reports Final summary report	1967
19680076457	Extended theoretical studies of the pseudo- blade propulsor concept Final report, 1 Jul. 1966 - 30 Jun. 1967	1967
19680076458	Test report for aeroquip flexible hose	1967
19680076459	Computer program FPREM. Flat Plate Reference Enthalpy Method, for aero heating	1967
19680076460	Development of a micrometeoroid accelerator Final report	1967
19680076461	Infrared modulation techniques Semiannual report, 5 Feb. - 5 Aug. 1967	1967
19680076462	Evaluation techniques for flame and incendiary agents Quarterly progress report, Mar. - 16 Sep. 1967	1967
19680076463	EC-47N/P limited performance tests	1967
19680076464	Fabrication and test of high-temperature honeycomb core sandwich construction Final report, 1 Jun. 1966 - 30 Jun. 1967	1967
19680076465	Improvements in transistor models and circuit hardening for TREE applications Technical report, 1 Jun. 1966 - 30 Jun. 1967	1967
19680076466	Deformation and fracture as a function of strain rate at hot working temperatures Final report	1967
19680076467	An elastic constitutive equation containing molecular parameters	1967
19680076468	Investigation of magnitude and distribution of stresses in welded structures Summary technical report, 1 Jul. 1966 - 31 Aug. 1967	1967
19680076469	Environmental /high and low temperature/ starting test XTF-39 engine Final report, 9 Aug. - 11 Oct. 1967	1967
19680076470	Research on Gunn effect devices, part 2 Final technical report, 1 Aug. 1965 - 31 Jul. 1967	1967
19680076471	Subminiature audio cords Final report, 1 Jan. 1965 - 30 Sep. 1966	1967
19680076472	Research and development on compact arc near infra-red radiation sources Final technical report, 9 Aug. 1965 - 15 Jul. 1967	1967
19680076473	Qualification tests of Thiokol Chemical Corporation TE-M-364-3 solid-propellant rocket motors tested in the spin and no-spin mode at simulated altitude conditions /part 1 - Initial phase/	1967
19680076474	Evaluation of longitudinal control feel system modifications proposed for USAF F/RF-4 aircraft	1967
19680076475	Further development of coatings for protection of dispersion strengthened nickel from oxidation Final summary report, Jan. 1966 - Jun. 1967	1967
19680076476	Low-frequency lattice vibration study of crystalline polymers Technical report, Jul. 1966 - Jun. 1967	1967
19680076477	Development of manufacturing technology on organic and inorganic foams for high-temperature radome applications Interim report, 1 Aug. - 31 Oct. 1967	1967
19680076478	Athena B-023, flight 093 /30 November 1967/ Meteorological data report	1967
19680076479	Memory display for pulse illuminated images Final report, 16 Apr. 1966 - 16 Jul. 1967	1967
19680076481	Blue Rock Project 8.4 instrumentation program Final report	1967
19680076482	Studies in mathematical automata theory Final report	1967
19680076483	An Investigation of Tandem Row High Head Pump Quarterly Progress Report, 1 Oct. - 31 Dec. 1967	1967
19680076484	Human factors visual simulation study	1967
19680076485	Rocket instrumentation improvements Progress report, 1 Jul. - 30 Sep. 1967	1967
19680076486	A technical report on the investigation of selected frequency independent arrays	1967
19680076487	A study to improve the low-level meteorological simulator Annual report, May 15, 1966 - May 14, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076488	Fiber-reinforced metal-matrix composites - Government-sponsored research, 1964-1966	1967
19680076489	Solid state electronic techniques Summary report, 1 Jul. 1966 - 30 Jul. 1967	1967
19680076490	Studies in orbital navigation and optimal filtering. Volume 1 - Analysis and results	1967
19680076492	The protection of pressure helmet visors from mist and ice on exposure to low ambient temperature	1967
19680076493	The cross-linking and characterisation of phenyl containing silicone rubbers	1967
19680076494	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report, 1 Sep. - 30 Nov. 1967	1967
19680076495	A general small deflection theory of a symmetrically loaded sandwich cylinder	1967
19680076496	Testing of 14.4 KB/S Modem and Delta-mod voice digitizer over a 4B telephone circuit Final report	1967
19680076497	Investigation of a microwave technique for measuring gas velocity Final report, 18 Oct. 1963 - 30 Jun. 1965	1967
19680076498	Reduction and compilation of NAP radiation effects data Technical report, Feb. 1964 - Sep. 1967	1967
19680076499	Quartz crystal units, filter low frequency, 1MC to 10MC types CR-/XM-49//U through CR-/XM-52//U per SCS-191 dated 23 January 1963 Quarterly progress reports, 1 Jan. - 30 Jun. 1967	1967
19680076500	The testing of airborne inertial navigation systems	1967
19680076501	Satellite measurements of the interaction of surfaces with the upper atmosphere Technical report, Jun. 1963 - Aug. 1967	1967
19680076502	Investigation of air-augmented rocket combustion and mixing processes Technical progress report, 1 Feb. - 15 Sep. 1967	1967
19680076503	Open cycle magnetohydrodynamic generator research Quarterly report	1967
19680076504	Magnetic analysis in metallurgical research Technical report, 1 Jan. - 30 Jun. 1966	1967
19680076505	Evaluation of static cooling of static inverters by Peltier effect Final report	1967
19680076507	The RAE 2.5 metre space simulation facility	1967
19680076508	Portable solar absorptance and infra-red emittance monitors	1967
19680076509	The preparation and thermal degradation of poly(1,1-dichloro-2,2-difluoroethylene/	1967
19680076511	Improved accuracy of temperature measurement with thermocouples	1967
19680076512	Laminar boundary layer calculations compared with measurements by Hummel	1967
19680076513	The refraction of sound by a vortex	1967
19680076514	Line photometry and the influence of the Eberhard effect	1967
19680076515	Development of an alignment and measuring system for large aerospace vehicles, volume 1 Final report, Jul. 1, 1963 - Jul. 31, 1967	1967
19680076516	Geodetic Secor wide-band RF subsystem for Secor ground equipment sets Final technical report, Feb. 1966 - Aug. 1967	1967
19680076517	Circular polarization radome techniques Interim report, 3 Sep. - 4 Dec. 1967	1967
19680076518	Research and development of new and improved cutting tool materials Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680076519	Radioisotope thermionic generator research Final technical report, 1 May 1966 - 31 May 1967	1967
19680076520	Characteristics of jets from small caliber shaped charges with copper and aluminum liners	1967
19680076521	Oceanographic effects on elastomeric materials, O-rings and coated fabrics	1967
19680076522	Evaluation of Lycoming constant speed drive model LD6-10 - Acceleration/deceleration capability Final report	1967
19680076523	Manufacturing development program to fabricate high-strength, small-diameter rocket motor cases Final technical report, 23 Jun. - 23 Oct. 1967	1967
19680076524	Advanced lift fan system /LFX/ study continuation Final report, May - Dec. 1966	1967
19680076525	Dynamic programming using shift vectors	1967
19680076526	Mobile UHF timing distribution system Final technical report	1967
19680076527	Imaging through a randomly inhomogeneous medium by wavefront reconstruction	1967
19680076528	Array beam switching study Final report	1967
19680076529	Thin-layer chromatography and infrared spectroscopy in the analysis of an unknown propellant mixture	1967
19680076530	Development of columbium base alloys Final technical report, 1 Jul. 1965 - 31 Dec. 1966	1967
19680076531	Integral equations appropriate to currents induced on a perturbation of a conducting surface Final report, 18 Oct. 1966 - 28 May 1967	1967
19680076533	JTA manufacturing methods development Interim progress report, 1 Sep. - 30 Nov. 1967	1967
19680076534	Scattering by a multipoint antenna or array with uniform loading	1967
19680076535	Feasibility study for night vision simulation system	1967
19680076536	A study of the relationship between nuclear magnetic resonance spectra and substituent properties for mono-benzenes and disubstituted benzenes Technical report, May 1966 - Feb. 1967	1967
19680076537	Aerospace vehicle preliminary design synthesis formulation Final report, Dec. 1965 - Jun. 1967	1967
19680076538	Quartz crystal unit type CR-67//U and CR-/XM-67//U production engineering measure Quarterly progress report, 25 Feb. - 25 May 1967	1967
19680076539	Fuel cells for Air Force requirements Final technical report, 20 Jan. 1966 - 1 Apr. 1967	1967
19680076540	Development of manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering progress report no. 7, 1 Aug. - 31 Oct. 1967	1967
19680076541	Contribution to the analysis and the synthesis of linear exactly decoupled multiple regulating loops	1967
19680076542	Camera modification for low-light-level photoreconnaissance	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076543	Study of aviation-fuel filter/separators Quarterly progress report, 20 Jul. - 19 Oct. 1967	1967
19680076544	Liquid-vapor and solid-vapor equilibrium in the system hydrogen-ethane	1967
19680076545	Computer techniques related to electronic equipment manufacture Interim engineering progress report number 2, Jul. - Sep. 1967	1967
19680076546	The polycondensation of alpha-hydroxyalkyl- ferrocenes	1967
19680076547	A study of polarographic reduction mechanisms of nitro compounds in liquid LiNO ₃ -nNH ₃ by the cyclic voltammetric method	1967
19680076548	The anatomical basis of comparative electrocardiography in man and dog	1967
19680076549	Apollo Applications Program study - Utilization of LM for advanced applications. Appendix to final report on tasks terminated 1 October 1967	1967
19680076550	Control moment gyro study. Volume 3 - An abstract bibliography of control moment gyro literature	1967
19680076551	Laser radar transmit-receive isolator investigations Final report	1967
19680076552	The effect of the number and spacing of elements on the efficiency of LASA beams	1967
19680076553	Frequency-wave number analysis of signals and noise recorded at the UBO vertical array	1967
19680076554	Low pressure type expandable aircraft tire characteristics Final technical report, May 1965 - Mar. 1966	1967
19680076555	Fueric D. C. attitude control system Final report, Jun. 1966 - Apr. 1967	1967
19680076556	The measurement of piston skirt stresses on an oil cushioned type piston and a standard piston in an A.S.R.2 engine	1967
19680076557	Crystallographic and structural assessment of suitable substrates and silicon thin films grown by vacuum evaporation. Part 2 - The orientations of single crystal silicon films deposited on corundum wafers	1967
19680076558	Accelerated testing technology. Volume 2 - Handbook of accelerated life testing methods Final report, Feb. 1966 - Jul. 1967	1967
19680076559	Engineering tests of T14 plastic airplane landing mat Final report	1967
19680076560	Semiconductor laser array techniques /Semlat/ Final report, May 1966 - Sep. 1967	1967
19680076561	Effect of concentration and molecular structure on the drag reduction of dilute polymer solutions	1967
19680076562	Mean flow measurements in an axisymmetric compressible turbulent wake	1967
19680076563	The effect of melamine resins on the thermal radiation protection provided by a nylon/ cotton fabric	1967
19680076564	Striations in RF discharges and dc discharges with RF perturbations	1967
19680076565	Cable materials for extreme environments Progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19680076566	Space link analysis of the Navy navigation satellite system	1967
19680076567	Manufacturing methods processes and development for cesium beam frequency standards Technical report, 12 Mar. 1963 - 1 Aug. 1967	1967
19680076568	Research on methods of obtaining luminescence in ferroelectric materials and study of the temperature dependence of their luminous efficiencies close to the Curie point Quarterly technical report, 1 Apr. - 30 Jun. 1967	1967
19680076569	Basic concepts of electro-optical methods and instruments for the radio and automatic determination of the mean presented area of fragments. Part 1 - The projector-tumbler system	1967
19680076570	Trajectory optimization of a maneuvering ballistic re-entry vehicle	1967
19680076573	Applications of the finite element technique in structural analysis	1967
19680076574	Temperature of shocked liquids Special report, Apr. 1964 - Jun. 1967	1967
19680076575	Reciprocal ferrimagnetic digital phase shifters Final report, Mar. 1966 - Jun. 1967	1967
19680076576	Transient heat transfer measurement with thin-film resistance thermometers - Data reduction techniques Final report, Apr. - Sep. 1967	1967
19680076577	Development of procedures for shape rolling columbium alloys Final technical report, 1 Apr. 1963 - 29 Sep. 1967	1967
19680076578	YAG laser development Final technical report, 1 Sep. 1966 - 31 Aug. 1967	1967
19680076579	Image intensifier with mosaic collector	1967
19680076580	Frequencies of vibration of a circular plate	1967
19680076581	Thin film high stability twin-T oscillator Final report	1967
19680076582	Study of an experimental generator of millimetre waves	1967
19680076583	Investigation of fast wave beam/plasma interactions Quarterly report, Jun. 1 - Aug. 31, 1967	1967
19680076584	Description and performance of the 8-ft- diameter solar simulation system at AEDC Final report, Nov. 1964 - Feb. 1967	1967
19680076586	An appraisal of the structural loads program of the six-degree-of-freedom flight-path computer program	1967
19680076587	Development of an L-band solid state radiosonde transmitter Final report, 1 Feb. 1966 - 30 Apr. 1967	1967
19680076588	Aerobee AF AH 3.530 /7 November 1967/ Meteorological data report	1967
19680076589	Advanced electron optics Interim technical report, 1 Jul. - 31 Oct. 1967	1967
19680076590	Integrated K-band transceiver Interim technical report, 23 Jun. - 30 Sep. 1967	1967
19680076591	Rapid shelter flooring and helicopter landing sites Final report, 14 Feb. - 15 Dec. 1966	1967
19680076592	Advanced Structural Concepts Experimental Program. Project ASCEP. Volume 3 - Materials, manufacturing process development and fabrication Final technical report, 17 Jun. 1963 - 30 Sep. 1967	1967
19680076594	Preliminary concepts for a parallel access system for data compression and analysis	1967
19680076595	Utilization of gamma radiation to enhance the properties of polymers and to initiate polymerization of monomers Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076596	Energetic oxidizer manufacturing process for advanced solid propellants Interim engineering progress report, 15 Jun. - 15 Oct. 1967	1967
19680076597	X-15 background measurements Final report, 28 Feb. 1964 - 1 Feb. 1967	1967
19680076598	Development of manufacturing technology on organic and inorganic foams for high- temperature radome applications Interim report, 1 May - 31 Jul. 1967	1967
19680076599	Guide for interpretation of satellite photography and nephanalyses	1967
19680076600	Nike-Apache Speedball 2, round no. 115, 116 SN 50, 51 /26 September 1967/ Meteorological data report	1967
19680076601	Nike-Apache Speedball 2, round no. 113, SN 48 /25 September 1967/ and Nike-Apache Speedball 2, round no. 114, SN 49 /25 September 1967/ Meteorological data report	1967
19680076602	Research on the deflagration of high energy solid oxidizers Quarterly technical summary report no. 7, 1 Jun. - 31 Aug. 1967	1967
19680076604	The thermal degradation of perfluoropolyphenylenes	1967
19680076605	Project Hicat An investigation of high altitude clear air turbulence. Volume 1. Final report, 12 Feb. 1965 - 10 Jul. 1967	1967
19680076606	A computer program for determining the reflection and transmission properties of multilayer plane impedance boundaries	1967
19680076607	The peripod	1967
19680076608	VHF modulation and detection studies Quarterly report, Jul. 1 - Sep. 30, 1967	1967
19680076609	Development of improved biaxial strength in titanium alloy rocket motor cases through texture hardening, phase 1 Technical report, Mar. 1 - Dec. 10, 1967	1967
19680076610	Investigation of PbTe-SnTe single-crystal material for use in detectors of 8 to 14-micron radiation Interim technical report	1967
19680076611	Low profile antenna Interim technical report, 15 Apr. - 15 Oct. 1967	1967
19680076612	The ARL automatic trace reader	1967
19680076613	Research for development of a superior titanium alloy for use up to 1200 deg F Interim engineering progress report, 1 Oct. - 31 Dec. 1966	1967
19680076614	A determination of dewetting in a biaxial stress field	1967
19680076615	Radiation effects on insulated gate field effect /MOS/ integrated circuits Final report, Jul. 1965 - Aug. 1967	1967
19680076616	Feasibility study of stable base film	1967
19680076617	Research in high temperature plasma Semiannual technical report, Jul. 1963 - Jun. 1967	1967
19680076618	PUFF V-EP code, part 2 Final report	1967
19680076619	Spectrochemical analysis of non metals with a hollow cathode light source Final technical report	1967
19680076620	Radiative effects on rocket stability with ozone-containing oxidizers Final report, 1 Sep. 1966 - 31 Aug. 1967	1967
19680076621	Broadband X-band klystron Final report	1967
19680076622	Polarization in Cary model 14 instruments and its effect on transmittance measurements of anisotropic materials	1967
19680076623	The thermal structure of the atmosphere and its relation to the jet stream	1967
19680076624	Project Sophy - Solid propellant hazards program. Volume 2 - Appendixes Final report, 1 Sep. 1965 - 17 May 1967	1967
19680076625	Determination of the source of false leak- test results in the M55 rocket assembly, March - April 1967	1967
19680076626	Organic films for discrete elements for R-C networks Final report, 1 Apr. 1966 - 30 Jun. 1967	1967
19680076627	Terminal flight report, octahedral research satellite mark 3 /ERS 17/	1967
19680076628	Zinc inorganic silicate coatings, with and without topcoats, exposed to a marine atmosphere	1967
19680076629	Atmospheric-transmission measurements in the 7 to 14 micron region Report of the Mount Haleakala Observatory	1967
19680076630	Time scanned array radar Final report, 25 Apr. 1966 - 25 Apr. 1967	1967
19680076631	Development of manufacturing methods for producing pyrolytic graphite in various shapes and structures Final report, Jun. 1965 - Sep. 1967	1967
19680076632	A brief study of transfer matrix techniques with special reference to the analysis of aircraft panels Technical report, Jun. 1966 - Sep. 1966	1967
19680076633	A survey of rate coefficients for ionization-deionization reactions in nozzle flows	1967
19680076634	Delta-modulation coding system Final report, Feb. 1966 - Aug. 1967	1967
19680076635	Isolation and characterization of X-ray sensitive mutants of Escherichia coli K12	1967
19680076636	Research on new concepts in energy conversion Quarterly technical progress report, 1 Sep. - 30 Nov. 1967	1967
19680076637	Research on electrochemical power systems for fuze applications Semiannual report, Jan. - Jun. 1968	1967
19680076638	Theoretical-density integrally-bonded thermoelements /U/ Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19680076646	System analysis of gelled space-storable propellants, volume 2 /U/ Interim report	1967
19680076648	Functionality determination of binder prepolymers Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680076649	Applications of statistical energy analysis to vibrations of multi-panel structures Final report, Feb. 1966 - Apr. 1967	1967
19680076650	Electronic and ionic reactions in atmospheric gases Yearly technical summary report, 1 Sep. 1966 - 31 Aug. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076651	Helicopter communications test program. Part 1 - VHF communications via ATS-1 satellite relay	1967
19680076652	Investigation of heat removal from both sides of a transistor chip employing bump technology Semiannual report, 1 May - 15 Oct. 1967	1967
19680076653	Research on X-ray scattering cross sections Final report, 1 Sep. 1966 - 31 Aug. 1967	1967
19680076654	Coordinated high-latitude experiments for the simulation of nuclear-burst effects on VLF systems	1967
19680076655	High temperature corrosion preventive additives for fluorocarbon polyether fluids Progress report, 1 Oct. 1964 - 15 Mar. 1967	1967
19680076656	Improving rain erosion resistance of slip-cast fused silica Final report, 13 Oct. 1966 - 12 Oct. 1967	1967
19680076657	Development of laboratory model fatigue crack detection device based on infrared techniques Final report, Jun. 1965 - Dec. 1966	1967
19680076658	Boundary layer pressure fluctuations and structural response Final scientific report, 1 Nov. 1963 - 30 Nov. 1966	1967
19680076659	Microcircuit radiation response mechanisms Final report, May 1966 - May 1967	1967
19680076660	Infrared studies using the matrix isolation technique Final report, 1 Jul. 1966 - 15 Jun. 1967	1967
19680076662	Investigation of structural design concepts for fibrous aircraft structures. Volume 3 - Technology appraisal - Experimental data and methodology Final technical report, 3 May 1965 - 4 Feb. 1967	1967
19680076663	Development of a tuned damper to reduce vibration damage in an aircraft radar antenna Technical report, Jan. 1966 - May 1967	1967
19680076664	Solid solution strengthened beryllium alloy ingot sheet Final report, Jul. 1966 - Jul. 1967	1967
19680076665	The study of hydrocarbon fuel vapor phase deposits Quarterly progress report, 16 Aug. - 16 Nov. 1967	1967
19680076666	Performance of soils under tire loads. Effects of test techniques on wheel performance	1967
19680076667	The effect of cirrus clouds on infrared sky radiance	1967
19680076668	Shock initiation of low-density RDX	1967
19680076669	Microwave N-port ferrite circulators Final report, 1 Mar. 1966 - 30 Jun. 1967	1967
19680076670	Experimental performance of a Hall magnetohydrodynamic electric power generator Final report, 28 Feb. - 24 May 1967	1967
19680076671	Multicycle metallic bladders for cryogenic fluid storage and expulsion Technical report, Jun. 1963 - Jul. 1967	1967
19680076672	Development of joining techniques for TD nickel-chromium Final technical report, 1 Jan. 1966 - 1 Jul. 1967	1967
19680076673	Calculation of radar cross section. Part 2 - Computer programs and instructions Final engineering report, 30 Jun. 1966 - 30 Sep. 1967	1967
19680076674	Dispersion strengthened alpha titanium alloys Research report, 1 May 1966 - 31 Aug. 1967	1967
19680076675	Reactions between tertiary amines and organohalogenating agents Final report, Jan. 1966 - Jun. 1967	1967
19680076676	The tensile properties of some structural materials in the temperature range 20 deg C to minus 253 deg C - Part 1, aluminum alloy sheet HS30WP	1967
19680076677	Take-down, isolated type enclosures Technical report, 1 Jul. 1966 - 14 Feb. 1967	1967
19680076678	Fundamental studies in electrochemistry Semiannual progress report, 15 Dec. 1966 - 14 Jun. 1967	1967
19680076679	Transistor, driver stage, silicon, VHF power 2.5W 500 MHz PEM Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680076680	Techniques for integrating solid-state circuitry into antennas Interim technical report, 1 Jun. - 31 Aug. 1967	1967
19680076681	Surface tensions of the liquid ingredients of plastic propellant	1967
19680076682	Optical theodolite readout Final report	1967
19680076683	Determination of criteria for expanding 2 in. O. D. tubes in 1200 psi boiler drums	1967
19680076684	A reciprocal S-band high power p-i-n diode phase shifter Quarterly progress report, Jul. 10 - Oct. 9, 1967	1967
19680076685	Research on improved epoxy resins Quarterly progress report, 1 Aug. - 1 Nov. 1967	1967
19680076686	ABRES Instrumentation and Range Safety System /AIRSS/ program Final report	1967
19680076687	Ion phenomena Quarterly progress report, Dec. 1966 - Apr. 1967	1967
19680076688	The response of simple panels to turbulent boundary layer excitation Final scientific report, 1 Nov. 1963 - 30 Nov. 1966	1967
19680076689	Investigation of plasma sprayed metal matrix reinforced composites Interim engineering progress report, 15 Sep. - 14 Dec. 1967	1967
19680076690	Melt spinning of super alloys Interim progress report, 1 Aug. - 31 Oct. 1967	1967
19680076691	Non-metallic materials Technical report, 1 Jan. - 30 Jun. 1967	1967
19680076693	Quantitative studies by optical spectroscopy of energy exchange in simple gases and solids Technical report, 1 Sep. 1966 - 31 Aug. 1967	1967
19680076694	Spatial modulation of light by optical pumping	1967
19680076696	Linear integrated circuits Quarterly report, 1 Jun. - 31 Aug. 1967	1967
19680076697	RF pulse generation by spark switching techniques Interim technical report	1967
19680076698	The distribution temperature of soot flames	1967
19680076699	State-of-the-art survey of raindrop erosion	1967
19680076700	Lattice deformation feasibility study Final technical report, 1 Apr. 1966 - 30 Sep. 1967	1967
19680076701	The processes and techniques of fabricating replica mirrors	1967
19680076702	Application of the Hammett and Ilkovic equations to the study of polarographic reduction mechanisms of nitro compounds in liquid lithium nitrate ammoniacate	1967
19680076704	On the interpretation of fetch-limited wave spectra as measured by an airborne sea-swell recorder	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076705	QAD-P5A computer program for shielding evaluation and radiation environmental prediction of nuclear space vehicles	1967
19680076706	The adsorption isotherms of methane, nitrogen, hydrogen and their mixtures on charcoal at 76 deg K	1967
19680076707	Elimination of low-density inclusions in titanium alloy ingots	1967
19680076708	A rotary Doppler simulator for optical frequencies Technical report, 13 Jun. - 13 Jul. 1966	1967
19680076709	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19680076710	A study of thermal relief after chromium plating	1967
19680076711	Experiments on the two-dimensional expansion- deflection nozzle Final report, 1 Jun. 1966 - 31 Jul. 1967	1967
19680076713	Experimental investigations of hypersonic flows	1967
19680076714	VHF filter crystal research Quarterly report, 16 Apr. - 15 Jul. 1967	1967
19680076715	Terminal sensing study. Volume 4 - Digital correlation study Final report, 23 Jan. - 15 Dec. 1967	1967
19680076716	Athena D-063, flight 092 /16 November 1967/ Meteorological data report	1967
19680076717	The electron density of shock-heated air contaminated with either chlorine or methane	1967
19680076718	Simulation of a track-while-scan radar	1967
19680076719	On the use of average viscosity in thermal instability problems	1967
19680076720	Beam-leads for complex integrated circuit arrays Interim technical report, 1 May - 31 Oct. 1967	1967
19680076721	A study of factors influencing the determination of molybdenum by atomic absorption spectrometry	1967
19680076722	Micromechanics of high strength, low density, boron filament reinforced aluminum metallic composites, part 1	1967
19680076723	Reflector antenna zoom techniques Final technical report, 23 Jun. 1966 - 23 Jun. 1967	1967
19680076724	Random pattern processing techniques Final report, 18 Sep. 1966 - 18 Mar. 1967	1967
19680076725	The biological problems of space travel	1967
19680076727	Development of high-temperature chromium alloys Interim summary report, 18 Mar. 1965 - 30 Mar. 1967	1967
19680076728	Oil-gas Brewster angle interface for a spherical wavefront	1967
19680076729	A Study to Analyze the Permeation of High Density Gases and Propellant Vapors Through Single Layer Teflon or Teflon Structure Materials and Laminations. Volume 2 - Interim Design Guide Interim Final Progress Report, 5 Jul. 1966 - 5 Oct. 1967	1967
19680076730	Evaluation of M8A1 landing mat with various fix attachments Final report	1967
19680076731	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments. Rift tank test Quarterly progress report, 1 May - 31 Jul. 1967	1967
19680076732	Builder/alter tape modification routine	1967
19680076733	Investigation of electro-optical techniques for controlling the direction of a laser beam Interim report	1967
19680076734	Infab evaluation Final technical report, 1 Jul. 1964 - 1 Jul. 1967	1967
19680076735	Low-frequency infrared studies of some tin /4/ halide adducts Final report, 1 Jun. - 31 Dec. 1966	1967
19680076736	Spectroscopic studies and excitation mechanism in an RF-excited free jet	1967
19680076739	Test methods for determining fracture toughness of metallic materials Final report, 1 Apr. 1966 - 1 Apr. 1967	1967
19680076740	Determination of the dielectric constant and the loss factor of foam-base dielectrics	1967
19680076741	Contact-free distance measurement by means of a static test signal	1967
19680076742	An investigation of the behavior of high speed angular contact ball bearings under dynamic load Final report	1967
19680076743	Molecular binding and catalysis Final report, Mar. 1964 - Jun. 1967	1967
19680076744	Investigation of the basic parameters affecting the properties of intermetallic compounds Final summary report, 11 Feb. 1966 - 31 Mar. 1967	1967
19680076745	Saturn 5 vehicle with 260-inch diameter solid motor study - Summary Final report, 18 Apr. - 17 Dec. 1967	1967
19680076746	Saturn 5 launch vehicle with 260-inch diameter solid motor study - Research and technology implications report Final report, 18 Apr. - 17 Dec. 1967	1967
19680076747	Evaluation of extruded products Interim engineering progress report, 1 Apr. - 31 Oct. 1967	1967
19680076748	Digital control circuitry for electronic beam steering and shaping of slot antennafier arrays	1967
19680076749	A simple method for the determination of the distribution of thermal neutron flows	1967
19680076750	Aerobee NASA 4.228 GG /20 November 1967/ Meteorological data report	1967
19680076751	Application of Wiener canonical expansions to bionic systems	1967
19680076752	Fuel cell reliability assessment Quarterly progress report, 8 Apr. - 8 Jul. 1967	1967
19680076753	Mechanics of wheels on soft soils, effect of width on rigid wheel performance	1967
19680076754	Spin wave interactions in a Heisenberg ferromagnet	1967
19680076755	Performance measurement techniques for adaptive process control Interim engineering progress report no. 4, 15 Sep. 1966 - 1 Aug. 1967	1967
19680076757	Organometallic research program Final report, Jul. 1965 - Jun. 1967	1967
19680076758	Low-dispersion high-power waveguide systems Interim report, 1 Jan. - 30 Jun. 1967	1967
19680076759	Research on electrohydrodynamic charged droplet beams	1967
19680076760	Crystallographic angular relationships in hexagonal close-packed titanium	1967
19680076761	Waveform distortion from peaking circuit switch jitter	1967
19680076762	Development of a tubing and bar process for a dispersion strengthened Ni-Cr-ThO2 alloy Final report, 1 Jul. 1965 - 15 Oct. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076763	On the absolute stability of a dynamic system having product of two nonlinearities	1967
19680076764	Development of cutter geometry based on material properties Interim report, 1 Jul. - 30 Sep. 1967	1967
19680076765	Stress corrosion susceptibility of welded aluminum alloys Final report, Jul. 1966 - Aug. 1967	1967
19680076766	Response of the Canadian three cup airport anemometer /U2A/ in gusty winds Instrument research and development report	1967
19680076767	ALGOL procedures for solving non-linear algebraic equations	1967
19680076768	Antifriction porous alloys	1967
19680076769	Lithium-moist air battery Final report, Mar. 1966 - Jul. 1967	1967
19680076771	Biosatellite 3-day flights off-line program system	1967
19680076772	Separation system - Hot wire detonator. Boostered detonating cord	1967
19680076773	Plasma physics, radioscience, solid state electronics and systems Quarterly status report, 1 Jul. - 30 Sep. 1967	1967
19680076774	Development of closed die aluminum forging process for improved stress corrosion properties Interim engineering progress report, 1 Jul. - 30 Sep. 1967	1967
19680076775	Research on selected quantum electronics problems Interim engineering report, 1 Jun. - 31 Aug. 1967	1967
19680076776	Research on new techniques in absorption and emission spectroscopy Quarterly progress report	1967
19680076777	A precision six-channel digital programme generator	1967
19680076779	Optimal control theory with applications to optimal trajectory and guidance problems	1967
19680076780	Production engineering measure for cesium beam tubes, volume 2 Final report, 23 May 1963 - 31 Jul. 1967	1967
19680076781	Analytical study to determine optimum design criteria of non-servo flap controlled rotors Final report	1967
19680076782	Synergistic navigation system study, phase 2 Final report	1967
19680076783	Airframe bearings for advanced vehicles, part 1 Final report, May 1966 - May 1967	1967
19680076784	Modification of the classical hydrodynamic theory as applied to the penetration of long rods	1967
19680076785	Manufacturing techniques for application of a duplex W/Si-W coating on tantalum components Interim progress report, 1 Aug. - 31 Oct. 1967	1967
19680076786	Absorbent material evaluation Quarterly progress report, Apr. - Jul. 1967	1967
19680076787	In-flight evaluation of lateral-directional handling qualities for the fighter mission Final report	1967
19680076788	Activator investigation for a silver oxide- zinc battery Summary report	1967
19680076790	High speed photographic studies of ultrasonically-induced cavitation	1967
19680076791	Thrust control exploratory development program Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680076792	A study of the effects of grease lubricants on the vibration of rolling bearings Progress report, 17 Aug. - 16 Nov. 1967	1967
19680076793	Investigation of dovetail damping contribution of propulsion steam turbine buckets	1967
19680076794	Investigation of material damping properties of propulsion turbine blade material	1967
19680076795	Concerning the change of the specific conductance of the surface layer of lead silicate glass in the process of heat treatment in hydrogen	1967
19680076796	Research on high power transducer ceramics - Development of low-aging compositions for sonar applications	1967
19680076797	Structures for 300 watt, 400 MHz VHF power transmission Interim technical report, 1 Jul. - 30 Sep. 1967	1967
19680076798	Development of workability testing techniques Interim engineering progress report, 1 Jul. - 1 Oct. 1967	1967
19680076799	Integrated p-i-n phase shifter networks Interim technical report, 15 Jul. - 15 Oct. 1967	1967
19680076800	Project 2 of a study of the geometry of elasto-hydrodynamic films in point contact Progress report, 3 Jul. - 1 Sep. 1967	1967
19680076803	Investigation of the electrode migration and reaction progress occurring in alkaline-zinc batteries Quarterly technical progress report, 1 Sep. - 1 Dec. 1967	1967
19680076804	Ice observations for 1964 - Hudson Bay and approaches	1967
19680076805	Survey of vibrational relaxation data for processes important in the CO ₂ -N ₂ laser system	1967
19680076806	Finite Fourier transform theory and its application to the computation of convolutions, correlations, and spectra	1967
19680076807	Analytical investigations of digital information processing systems, volume 2 Progress report, Apr. 1966 - Jul. 1967	1967
19680076808	Artificial intelligence, adaptation, learning and pattern recognition - Some definitions and a bibliography	1967
19680076809	A stochastic model of the human observer as a detector of signals embedded in noise	1967
19680076812	Spectroscopic investigation of electron temperature distribution in a nonequilibrium partially ionized flowing plasma	1967
19680076814	Space tracking and data acquisition network manual	1967
19680076817	Studies of electron scattering in thin films Technical report, 15 Jan. - 15 Oct. 1967	1967
19680076818	Investigation of the dynamic stability during the milling process	1967
19680076819	Effect of ionospheric depression on long-range communications at low and very low frequencies Final report, Dec. 1966 - Oct. 1967 on phase 2	1967
19680076820	Short interaction crossed-field amplifier Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19680076821	Floated inertial reference unit acceleration channel Final report	1967
19680076822	Study and evaluation of segmented sphere pressure vessels. Phase 1 Final report	1967
19680076823	Argosy C. Mk. 1 autoland performance trials	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076824	Evaluation of the C-130E stability and control characteristics during tandem, sequential and single-platform LAPES deliveries and airdrop deliveries	1967
19680076825	Electronic image converter with enlarged image field for use in the ultrasonic testing of materials Final technical report, Oct. 1966 - Jul. 1967	1967
19680076826	Low-temperature epitaxy of silicon junctions by ultrahigh vacuum techniques Technical management report, 1 Sep. - 30 Nov. 1967	1967
19680076827	Laboratory model short-pulse radar Final technical report	1967
19680076828	Two MW S-band pulsed coaxial magnetron Interim development report, 30 Apr. - 31 Jul. 1967	1967
19680076829	Investigations of ionic species in high pressure cesium discharges Annual report, 1 Mar. 1966 - 28 Feb. 1967	1967
19680076830	S-4B-204 stage flight test plan	1967
19680076832	Unsteady aerodynamic effects on external store separation characteristics	1967
19680076833	Modification to Kennington's method for predicting the time of radiation fog clearance	1967
19680076834	Bearing analysis, SNAP 50/SPUR program. Thrust bearing hydrodynamic performance study	1967
19680076835	Partial simulation of elastic-body dynamics for the upper-stage Apollo-Saturn launch vehicle	1967
19680076838	Research in photochemistry and enzymology of photosynthesis Quarterly status report, 5 Sep. - 5 Dec. 1967	1967
19680076839	First cluster AAP missions - Attitude studies Final report	1967
19680076840	Tensile properties of neoprene below the glass transition temperature	1967
19680076841	Analytic properties of the inverse A/z minus 1 of an analytic linear operator valued function A/z	1967
19680076842	Optimization of nozzle expansion during vehicle boost phase	1967
19680076844	The Crocco theorem in magneto-gas dynamics	1967
19680076845	Exploratory electromagnetic thruster research Interim report	1967
19680076846	The magnetic properties of lunar samples Interim report	1967
19680076847	Phase 1 design study program for an infrared detector-electronic subsystem Final report, 1 Dec. 1966 - 1 Nov. 1967	1967
19680076849	Computer program for quasi-steady aeroelastic analysis	1967
19680076850	The determination and application of correction factors for interelement effects in the X-ray fluorescence analysis of high temperature alloys, part 2	1967
19680076852	Telemetry transducer with digital output Final report, 1 Feb. 1966 - 1 Feb. 1967	1967
19680076854	Development of a dynamic method for determining the terrestrial gravity field from satellite data Semiannual report	1967
19680076856	Laboratory scale devices for rain erosion simulation	1967
19680076859	Launch vehicle estimating factors for generating OSSA Prospectus 1968	1967
19680076860	Analysis of reentry research missions at 50,000 fps velocity utilizing Apollo applications program space vehicles	1967
19680076861	Biosatellite-B, recovery control system	1967
19680076862	On the approximative determination of criticality in two dimensional homogeneous reactors	1967
19680076863	Ferroelectricity	1967
19680076864	Fracture mechanics considerations in the Charpy impact test	1967
19680076866	Sequential detection in radar with multiple range resolution elements	1967
19680076867	A preliminary design study for a radiation augmented cold flow special test apparatus /CCN 4 rest program/	1967
19680076868	Single crystal silicon films on insulating substrates Interim development report, 1 Nov. 1966 - 31 Jan. 1967	1967
19680076869	Safety assessment - A method for determining the performance of alarm and shutdown systems for chemical plants	1967
19680076871	Advanced Theoretical and Experimental Studies in Automatic Control and Information Systems	1967
19680076872	Localized friction factors in a corrugated flexible metal hose - Study of pressure losses in tubing and fittings Supplemental report	1967
19680076873	Arizona Experiment Package /AEP/ - Experiment description	1967
19680076877	The design of an Orbiting Astronomical Observatory /OAO/ spacecraft signal simulator	1967
19680076878	Coating of carbon steel, standard for	1967
19680076882	Apollo precision frequency sources Final report, 3 Apr. 1965 - 1 Mar. 1967	1967
19680076883	Electronic bonding requirements as determined by the ignition capabilities of heated filaments and point-contracts	1967
19680076888	Apollo applications program, prelaunch operations analysis Final summary report	1967
19680076893	Simulated titanium S-1C skin section Final report, 29 Jun. 1965 - 15 Sep. 1967	1967
19680076894	Atmospheric aerosol properties and estimates of volume scatter functions	1967
19680076895	Thermal stresses in transversely isotropic shells of revolution	1967
19680076896	Polyphase coding for a Gaussian channel	1967
19680076897	A fast low-power broadband, alternative circuit switch for X-band, using varactor diodes	1967
19680076898	Nondestructive test results and altitude performance of 22 Mark 11 reentry vehicle spin and pitch motors having ages ranging from 42 to 49 months	1967
19680076899	Pressure and heat transfer tests on agenda configurations at Mach numbers from M infinity equals 3.0 to 10.0	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076900	Effects of high and low barometric pressures on susceptibility and resistance to infection Quarterly status report, 1 Oct. - 31 Dec. 1967	1967
19680076905	Utilization of habrobracon and artemia as experimental materials in bioastronautic studies Status report, Jul. - Dec. 1967	1967
19680076906	Ground investigations of flight experiments on primates in long duration zero-G Quarterly status report, 1 Sep. - 30 Nov. 1967	1967
19680076907	Experiment to measure deviations from the Stefan-Boltzmann law by means of power loss between two concentric spheres at different temperatures Final report, Jan. 1966 - Oct. 1967	1967
19680076910	The variational equations, theory and application	1967
19680076914	Engineering property data on rocket propellants /U/ Quarterly technical report, 1 Jul. - 30 Sep. 1967	1967
19680076915	Storable liquid oxidizer /U/ Quarterly interim report, 1 Aug. - 31 Oct. 1967	1967
19680076916	Research on the response of reinforced solid propellants /U/ Final report, 1 Jun. 1966 - 30 Sep. 1967	1967
19680076925	Space programs Quarterly report, Oct. - Dec. 1967	1967
19680076927	Data processing plan for polar Orbiting Geophysical Observatory /OGO-D/	1967
19680076931	Volume 2 - Aerophysics REST semiannual progress report, 1 Jul. - 31 Dec. 1966	1967
19680076932	Air cushion vehicles, 1	1967
19680076934	The network technique as an aid in the investigation of the efficiency of a weapons system	1967
19680076935	The network technique as an aid in the investigation of the efficiency of man-machine systems	1967
19680076936	Directory of graphite availability. Second edition	1967
19680076938	Titanium S-1C skin section	1967
19680076939	Solid rocket structural integrity abstracts, volume 4, number 1	1967
19680076940	The application of numerical methods to the solution of structural integrity problems of solid propellant rockets 2	1967
19680076941	Computation of the spreading losses of sound in a layered medium	1967
19680076947	Performance and operating characteristics of three Aerojet-General Corporation single-chamber controllable solid-propellant rocket motors at simulated altitude /U/ Final report, 14-27 Jul. 1967	1967
19680076948	Ultra reliable low noise duplexing devices /U/ Interim engineering report, 30 Mar. - 29 Jun. 1967	1967
19680076949	Ultra reliable low noise duplexing devices /U/ Interim engineering report, 30 Jun. - 29 Sep. 1967	1967
19680076951	Static and flight testing of the 2.75-inch slow smoky rocket motor /U/ Technical publication, Sep. 1966 - Jul. 1967	1967
19680076952	Determination of hydroxylamine in the presence of nitrate ions /U/	1967
19680076954	Quarterly project progress report for April, May, June 1967 /U/	1967
19680076957	Development of the inert-diluent concept for the manufacture of double-base and composite-modified double-base propellants, volume 3 /U/	1967
19680076958	The development of thermionic isotope space power technology, volume 1 /U/	1967
19680076959	Advanced solid-propellant formulation techniques /U/ Final report	1967
19680076960	LIT, Light Intra-theater Transport study. Volume 2 - Design, section 4 - Structures and weights /U/ Final report	1967
19680076962	Surveillance evaluation of Air Force-held Liquid Bullpup A engines /LR-58-RM-4/ /U/	1967
19680076963	Passive roll control of reentry vehicles /U/	1967
19680076964	Research in chemistry /U/ Quarterly progress report, Jul. - Sep. 1967	1967
19680076965	Altitude performance evaluation of Hercules, Inc., VID berylliumized propellant tested in a standard Bates rocket motor /U/	1967
19680076966	Development of high-temperature materials for rocket nozzles and associated structures /U/ Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680076967	Encapsulation of exotherm generating systems /U/ Final technical report, 1 May 1966 - 1 Jun. 1967	1967
19680076968	ARP semi-annual report, 1 January - 30 June 1967 /U/	1967
19680076970	Combustion mechanism of low burning rate propellant /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680076971	X269 Spider demonstration program /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680076972	Advanced cryogenic rocket engine program staged-combustion concept /U/ Final report, 1 Mar. 1966 - 30 Sep. 1967 on phase 1	1967
19680076973	Advanced cryogenic rocket engine program staged-combustion concept /U/ Final report, 1 Mar. 1966 - 30 Sep. 1967 on phase 1	1967
19680076974	Advanced cryogenic rocket engine program staged-combustion concept /U/ Final report, 1 Mar. 1966 - 30 Sep. 1967 on phase 1	1967
19680076975	Development of a practical HAP/LMH-1 propellant /U/ Phase report, 16 Apr. - 13 Nov. 1967	1967
19680076976	Apollo radio blackout investigation Final report	1967
19680076978	A biochemical investigation and the fabrication of a breadboard model of the ATP life detection instrument /Project Firefly/ Final report, 14 Feb. 1966 - 14 Jun. 1967	1967
19680076979	Program 624A guidance and control equations for CMU. Volume 1 - CMU guidance equations	1967
19680076981	Journal of Mechanical Engineering, no. 2, 1965 /selected articles/	1967
19680076982	The possibility of gas thermal conductivity measurement in a shock tube	1967
19680076983	The supersonic wind tunnel of the Institute for Thermomechanics, for basic research on two-dimensional cascades	1967
19680076984	Heat exchange between a dissociated gas stream and a wall	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076992	Advanced lift engine design study /U/ Final report, 5 Jul. 1966 - 20 Feb. 1967	1967
19680076993	Chemical additives for electron suppression in rocket exhaust flames /U/ Final report	1967
19680076994	Interim 12-months report /U/	1967
19680076995	Analytical studies of the use of the propulsive-lift concept for the descent and landing of manned entry vehicles /U/	1967
19680076998	Supersonic axial velocity compressor study. Volume 1. Summary and aerodynamic design studies /U/ Final report, Sep. 1965 - Apr. 1967	1967
19680076999	Supersonic axial velocity compressor study. Volume 2 - Mechanical design, control, and weight analyses /U/ Final report, Oct. 1965 - Mar. 1967	1967
19680077001	Hydride crystallization /U/ Interim engineering progress report number 3, 1 Aug. - 31 Oct. 1967	1967
19680077003	Manufacturing methods for light metal hydrides /U/ Interim engineering progress report number 1, 1 Jul. - 30 Sep. 1967	1967
19680077004	Integrated motor, feasibility demonstration /zoning of solid propellant motors by selectable impulse/ /U/ Quarterly technical report, 1 Jul. - 30 Sep. 1967	1967
19680077005	Sensitivity fundamentals /U/ Technical progress report, 16 Mar. 1966 - 15 Sep. 1967	1967
19680077006	Beryllium and beryllium propellants - State of the art /U/	1967
19680077007	Investigation of waveform performance in clutter environment /U/ Final report	1967
19680077008	Combustion efficiency study of high energy propellants /U/ Quarterly progress report, Jul. - Sep. 1967	1967
19680077009	Pressure and heat-transfer distribution tests of a SRAM model at Mach numbers 6 and 8 /U/ Final technical report, 10 Apr. - 1 Jun. 1967	1967
19680077013	Minutes of the Ninth Explosives Safety Seminar	1967
19680077014	Recent legal developments	1967
19680077015	Flash fire protective clothing	1967
19680077016	Testing Nomex material as heat resistant clothing for industrial application	1967
19680077017	Damage control and extinguishment techniques for magnesium flare compositions	1967
19680077018	The barricade question - What we know and what we don't know - We must separate fact from folklore	1967
19680077019	Barricade use and experience in industry	1967
19680077020	State of research on barricade effectiveness	1967
19680077021	Explosive accident/incident information report systems briefing	1967
19680077022	TNT equivalency-gas dynamics comparison for moderately pressurized tanks	1967
19680077023	Startle reactions of people to sonic booms	1967
19680077024	Sonic boom - Its signature characteristics	1967
19680077025	Structural response to sonic booms	1967
19680077026	The threat of sonic booms to explosives facilities	1967
19680077027	Ballistic investigations of frangible protective structures for space vehicles - Potential applications of frangible construction	1967
19680077028	The meaning of simultaneity of detonation with respect to the application of quantity- distance regulations	1967
19680077029	Responsibilities of the new Department of Transportation with respect to explosives and other dangerous articles	1967
19680077030	Large scale propagation tests recommended non-propagating distances for AN, ANFO, and dynamite receptors	1967
19680077031	Titan 2 launch facility accident briefing Little Rock AFB, Arkansas	1967
19680077032	Processing of initiating explosives	1967
19680077033	Melt pour equipment for 175 mm shell at Iowa AAP	1967
19680077034	Safety in pyrotechnic manufacture	1967
19680077035	New ideas in explosives melting	1967
19680077036	Recent developments in flooring for hazardous areas	1967
19680077037	Cost effectiveness studies of facilities for high-hazard explosive materiel	1967
19680077038	Design of ammunition maintenance facility for conventional and advanced weapons	1967
19680077039	Case studies on application of new design methods for high capacity protective barriers	1967
19680077040	Preliminary report of the initiation of various types of electroexplosive devices by induced lightning	1967
19680077041	Problem areas and future requirements of electro explosive	1967
19680077042	Recent progress on the development of insensitive EEDs	1967
19680077043	Review of papers presented at the 5th Electroexplosive Device Symposium at FIRC	1967
19680077044	Hazards to EEDs in shipping and handling with emphasis on lightning, static, and RF electricity	1967
19680077045	Lightning parameters related to the initiation of electroexplosive devices	1967
19680077046	Defense contract administration services/ explosive safety problems	1967
19680077047	Status report on hazard evaluation of large solid rocket motors	1967
19680077048	The properties and performance of fragments	1967
19680077049	The mechanical properties of propellant at high rates of loading	1967
19680077050	Low amplitude shock initiation of burning in high explosives	1967
19680077051	Low velocity detonations	1967
19680077055	Bulletin of the 7th Liquid Propulsion Symposium, volume 2 /U/	1967
19680077056	The challenges in liquid rocketry /U/	1967
19680077057	A study of the effects of gas evolution in a hydrazine-base heterogeneous suspension	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077058	Status report on NASA sponsored reaction control systems /U/	1967
19680077059	The nuclear isotope monopropellant hydrazine engine /Nimphe/	1967
19680077060	Maneuvering satellite propulsion system optimization /U/	1967
19680077061	Step thrust/continuous throttling space maneuver engine /U/	1967
19680077062	Variable thrust engine development for the hovering rocket engine /U/	1967
19680077063	Experimental evaluation of the performance of a concentric-tube throttling injector	1967
19680077064	An experimental investigation of an advanced metallized fuel /U/	1967
19680077065	Performance evaluation of advanced packaged liquid propellants /U/	1967
19680077066	Investigation of Liquid Hydrogen Axial Flow Impulse Pump /U/	1967
19680077067	Hot gas positive expulsion using rolling metal bladders	1967
19680077068	Effects on rocket engine operation of dissolved gases in propellants	1967
19680077069	Altitude ignition of hypergolic bipropellant rockets	1967
19680077070	Acoustic techniques for injector baffle development	1967
19680077071	Rocket thrust chamber design criteria using interhalogen oxidized propellant systems /U/	1967
19680077072	A new concept in space engine design - The insulated engine	1967
19680077073	High pressure rocket engine turbopumps /U/	1967
19680077074	Th aerodynamic spike rocket nozzle /U/	1967
19680077075	A simulated altitude test cell for liquid- propellant rocket engines with thrust capabilities in the 1.5 million lb range. Review of operational experience and capabilities of AEDC's J-4 test cell /U/	1967
19680077076	The Douglas closed-loop liquid fluorine test facility	1967
19680077077	Pulse mode performance measurement of a five-pound bipropellant attitude control thrust chamber	1967
19680077078	Microthrust measurement systems	1967
19680077079	Advanced packaged liquid rocket engine technology /U/	1967
19680077080	Modification of the Agena Rocket Engine for Gemini Target Vehicle Multiple Restart Capability /U/	1967
19680077081	Space propulsion system installation technology	1967
19680077082	Breadboard engine tests with N2O4/alumizine-43 /U/	1967
19680077083	The influence of mixing on gel properties /U/	1967
19680077084	Flow characterization of metallized liquid propellants	1967
19680077085	Propellant gel stability studies	1967
19680077086	Target-signature measurements /U/ Interim report, 1 Oct. 1966 - 1 Apr. 1967	1967
19680077088	Development of Freon gellant systems for hazardous mixtures - Safety and arming considerations /U/	1967
19680077089	Nonlinear processing techniques for ambiguity removal /U/	1967
19680077090	Toxic hazard study of selected missile propellants /1966/ /U/ Final report, May 1965 - June 1966	1967
19680077096	Design criteria for flight evaluation monograph 3 - Guidance evaluation	1967
19680077101	A.S.M. Limited, progress report to C.V.D. April - September 1967	1967
19680077103	Lithium-nickel fluoride secondary battery investigation Quarterly technical progress report	1967
19680077104	Atmospheric propagation of laser radiation	1967
19680077105	The effect of temperature on the performance of new and irradiated silicon solar cells	1967
19680077106	CVD research project RP4-19 silicon microwave Schottky-barrier diodes Final report, Apr. 1966 - Jul. 1967	1967
19680077107	Further results in the inelastic dynamic analysis of cylindrical shells	1967
19680077108	CYLINDER - A computer program for the inelastic dynamic response of orthotropic cylindrical shells	1967
19680077109	On depolarization effects in polycrystalline BaTiO3	1967
19680077110	The gas-chromatographic determination of chloroform and carbon disulphide traces in carbon tetrachloride with a thermal conductivity detector	1967
19680077111	The WEB system. Part 1 - The utilization of WEB	1967
19680077113	Free radical photography /camera working material/	1967
19680077114	Resonant frequency variation in a resonant gate transistor as a function of temperature and polarization voltage	1967
19680077115	Service evaluation of aircraft experimental fasteners Final summary technical report, 1 Nov. 1964 - 1 Sep. 1967	1967
19680077117	The friction of molybdenite sliding in the presence of ammonia vapor	1967
19680077118	Analog matching technique for longitudinal responses	1967
19680077119	A discrete model of atmospheric turbulence based on the continuous random model	1967
19680077120	Principles and techniques in the passive thermal control of spacecraft	1967
19680077121	Alternative white thermal control surfaces for the UK3 satellite	1967
19680077123	The mechanism of oxygen self-diffusion in nickel and cobalt oxides Technical report, 1 Mar. 1966 - 31 Aug. 1967	1967
19680077124	Dielectric resonator filter techniques Final report, 5 Jan. 1966 - 5 Jul. 1967	1967
19680077125	Neutron and secondary gamma ray transport in iron and borated polyethylene	1967
19680077126	Dynamic scanning microchannel research Quarterly interim report, 23 Dec. 1966 - 22 Jun. 1967	1967
19680077127	Plasma-filled helix for a travelling-wave amplifier	1967
19680077128	High-strength, broadband, lightweight silicon oxide radome techniques Interim technical report, 1 Sep. - 31 Nov. 1967	1967
19680077129	Abstracts of Aerospace Corporation computer programs	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077130	Element development for advanced associative memories Final report	1967
19680077131	Digital computer data reduction program - APCEF configuration C	1967
19680077132	Testing of glass hemispheres using Aerojet- General stress-wave analysis technique	1967
19680077133	Penetration systems studies reentry physics project Final technical report	1967
19680077134	Determination of engine/propeller operating envelope and development of a landing pattern for C-133A/B aircraft with multiple/total propellers in fixed pitch	1967
19680077135	Efficient rare earth trifluoride and rare earth trifluoride/calcium fluoride laser materials	1967
19680077136	A compilation of scientific computer program abstracts	1967
19680077137	A study of filtering techniques applied to the dart angular rate sensor	1967
19680077138	A finite element analysis of simple panel response to turbulent boundary layers	1967
19680077139	Oscillator study Final report	1967
19680077140	Evaluation of low-cost materials and manufacturing processes for large solid rocket nozzles	1967
19680077141	The employment of a multimegawatt transmitting system Final report	1967
19680077142	Improved angular resolution techniques Final report, 12 Apr. 1966 - 12 Jul. 1967	1967
19680077143	Project Hicat An investigation of high altitude clear air turbulence. Volume 2. Appendixes 5-8 Final report, 12 Feb. 1965 - 10 Jul. 1967	1967
19680077144	Automation of airborne profile recorder data reduction, phase 2 Final technical report	1967
19680077146	Phase 2 of an architectural study for a self-repairing computer Final report, Jun. 1966 - Nov. 1967	1967
19680077147	Mechanical-property data HM21A magnesium	1967
19680077148	Microwave electronically variable ion beam time delay device study Quarterly report, Jun. - Aug. 1967	1967
19680077149	Charge exchange and mobility of atomic ions in their parent gases	1967
19680077150	Glass fiber silane treatment from nonaqueous solvent	1967
19680077151	Variable polarizer Final report	1967
19680077154	Filaments, fibers, and metal matrix composites	1967
19680077155	The study of multi-alkali photocathodes Annual report	1967
19680077156	Minimum-fuel transfers between coaxial orbits, both coplanar and noncoplanar	1967
19680077158	Double-basebinder improvement Quarterly report, 1 Sep. - 30 Nov. 1967	1967
19680077159	Environmental Research Satellite-17 data reduction and analysis. Volume 6 - Housekeeping data Interim report, 20 Jul. - 4 Nov. 1965	1967
19680077161	High energy molten salt batteries depolarized with SF6 Final report, Jun. 1966 - Jun. 1967	1967
19680077162	Piezoresistive transducer for shock wave studies, 11 April 1966 - 10 May 1967	1967
19680077163	Embedded heaters for impregnated and pressed cathodes Annual report	1967
19680077164	Development of computer assisted information support systems for command and control	1967
19680077165	Research on slow-wave structures Final report	1967
19680077166	Associative search memory study	1967
19680077167	Bi-colour C.R.T. display Annual report	1967
19680077168	Development of a subscale manufacturing process for the fabrication of hypereutectic transition-metal carbide composites Interim engineering progress report, 1 Oct. - 31 Dec. 1967	1967
19680077169	Simulation of turbofan engine. Part 2. User's manual and computer program listing	1967
19680077170	Magnesium-lithium alloy casting development	1967
19680077171	Internal reforming hydrocarbon fuel cells Final report	1967
19680077172	Arc-driven MHD generator Interim report, 1 Oct. - 31 Dec. 1967	1967
19680077174	Instrumentation for millimeter wavelength spectroscopy	1967
19680077175	Vacuum emission of field enhanced photoelectrons from metal-insulator-metal thin film structures	1967
19680077176	Study of instrumentation methods for precision determination of aircraft position, velocity and attitude Final report	1967
19680077178	Development of manufacturing processes for a lightweight heat transfer system. Part 1. Basic technology Final technical report, 1 Aug. 1964 - 1 May 1967	1967
19680077179	The active interferometer concept	1967
19680077180	Mechanism of fatigue failure of metals. Part 3. Extension of fatigue life of crystals through control of substructure Summary report, 1 Apr. - 30 Sep. 1967	1967
19680077181	Foundational research projects July - September 1967 Quarterly report	1967
19680077183	Research on the deflagration of high-energy solid oxidizers Final technical summary report, Dec. 1, 1965 - Nov. 30, 1967	1967
19680077185	An experimental simulation of gust loading of supersonic vehicles Final report, Feb. 15, 1966 - Feb. 14, 1967	1967
19680077186	The response of a hovering V/STOL aircraft to discrete turbulence	1967
19680077187	Mechanical-property data 7007 aluminum	1967
19680077190	Interference reduction techniques study Quarterly report, 1 Jul. - 1 Oct. 1967	1967
19680077191	Development of transformers for second generation night vision systems Final report	1967
19680077192	Boolean matrices and finite systems	1967
19680077194	Large-array signal and noise analysis. Space and time variability of the short- period LASA noise field Special scientific report no. 4	1967
19680077195	Mathematical targeting 3 Final technical report, 4 Apr. 1966 - 25 Sep. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077196	Development of electrochemical energy storage unit for vehicle propulsion Final technical report, 30 Jun. 1966 - 30 Sep. 1967	1967
19680077197	Techniques for preparing titanium surfaces for coatings and sealants Final report, 1 May 1966 - 30 Apr. 1967	1967
19680077199	The condensation coefficient of Si3N4 Technical report, 1 Feb. 1966 - 1 Feb. 1967	1967
19680077200	Silicon nitride Annual report	1967
19680077202	Synthesis of strength distributions as a function of wear, volume 1 Final technical report, 25 Mar. 1966 - 25 Jul. 1967	1967
19680077203	Investigation of scattering center theory Interim technical report, 1 May - 31 Jul. 1967	1967
19680077204	The influence of microstructural characteristics on the maximum strain energy density of a polybutadiene composite propellant system	1967
19680077205	Development program for X-band 35 watt traveling-wave tube satellite amplifier	1967
19680077208	Research on a high energy non-aqueous battery system Final report, Dec. 1, 1965 - Aug. 31, 1967	1967
19680077209	Experimental demonstration of energy storage substations for aircraft actuation functions Final report, Jul. 1966 - Dec. 1967	1967
19680077210	Structural response to impulse loads Final report, 1 Jul. 1965 - 30 Oct. 1966	1967
19680077211	Appendix 3 /wear literature survey/ to synthesis of strength distributions as a function of wear Final report	1967
19680077212	Manufacturing methods for growing large sound yttrium iron and yttrium gallium iron garnets Interim engineering progress report, Apr. 1 - Aug. 31, 1967	1967
19680077213	Experimental study relevant to satellite damage detection Final report, Jan. 1966 - Mar. 1967	1967
19680077214	Laboratory test of advanced Centaur guidance components Interim report, Apr. - Aug. 1967	1967
19680077215	Simulation of turbofan engine. Part 1 - Description of method and balancing technique	1967
19680077216	Development of a manufacturing process for small diameter bar and extruded shapes of TD nickel-chromium Interim engineering progress report, 1 Jun. - 1 Nov. 1967	1967
19680077217	Development of gas jet attitude control systems	1967
19680077218	Laser flash heating techniques for atomic absorption spectroscopy	1967
19680077219	The Raman spectrum - Uses, techniques and instrumentation	1967
19680077220	Self-absorption and its gross distortion effects on the soft X-ray M alpha and M beta emission spectra of the rare-earth elements	1967
19680077222	Evaluation of the spin and recovery characteristics of the F-4B airplane Final report	1967
19680077223	The determination of optimum take-off paths for the SST in terms of flight path parameters and terminal conditions	1967
19680077224	The influence of high intensity sound on the human body	1967
19680077225	Flueric, hot gas, valve development Progress report, FY 1966	1967
19680077226	Impedance characteristics of pumped varactors	1967
19680077227	Investigations on methods of producing crystalline ammonium-uranyl carbonate and its applicability for production of uranium-dioxide powder and pellets	1967
19680077228	Derivation of velocity change from accelerometer recordings	1967
19680077229	An FM tape recording and analysis system for land clutter studies	1967
19680077230	Fiber reinforced ceramics - A review and assessment of their potential	1967
19680077234	Nondestructive evaluation of material properties through use of a thermal inspection system	1967
19680077235	Investigation of bombardment induced conductivity in lead monoxide targets Annual report	1967
19680077236	Underwater experiments on the polarization, coherence, and scattering properties of a pulsed blue-green laser	1967
19680077239	Design considerations in magnetic and electrostatic electron optical systems	1967
19680077240	Manufacturing in-process control and measuring techniques for integral electronics /geometry and surface contamination control/ Interim engineering progress report, 1 Feb. - 30 Apr. 1967	1967
19680077241	Energy conversion equipment studies and testing, Nike-X power system Final summary report	1967
19680077242	Disorder in crystals	1967
19680077244	Automatic gain control theory for pulsed and continuous signals	1967
19680077245	Central discrimination and mutual inhibition from a signal in the functional field of vision	1967
19680077246	Infab processing of TZM sheet Final report, 17 Apr. 1962 - 17 Aug. 1967	1967
19680077247	Microwave acoustic loss mechanisms in crystals Final report, 1 May 1966 - 31 Jul. 1967	1967
19680077249	Accelerated degradation of elastomers Final report	1967
19680077250	On the distribution of momentum heat and matter in jet diffusion flames. Part 2 - Experimental investigation	1967
19680077251	The effect of rapid change in thermal environment on ability of human blood to acetylate aromatic amines and to incorporate acetate-1-C14 into lipids Final technical report	1967
19680077252	Ultrasonic inspection system modification Final report, 1 Jun. 1966 - 31 Dec. 1967	1967
19680077253	Calibration of the aerial photographic system Final report	1967
19680077254	Cyclic hot-salt stress corrosion of titanium alloys Summary report, 1 Mar. 1966 - 30 May 1967	1967
19680077255	Scattering and absorption by very thin metallic filaments	1967
19680077256	Multifrequency response of viscoelastic dampers Summary report, May 1966 - Aug. 1967	1967
19680077257	Fracture data for materials at cryogenic temperatures Final report, May 1966 - Jun. 1967	1967
19680077258	An application of linear programming to minimum fuel optimal control	1967
19680077259	Chemoelectric energy conversion for nonaqueous reserve batteries Quarterly report, Apr. - Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077260	VHF and UHF transistor transient investigation Quarterly progress report, 28 Jun. - 28 Sep. 1967	1967
19680077263	Reliability - Major overhauled versus minor overhauled aircraft jet engines	1967
19680077264	Investigation of hot corrosion of nickel base superalloys used in gas turbine engines Final report, 1 Jul. 1966 - 31 Aug. 1967	1967
19680077265	Single crystal dielectric films	1967
19680077266	A study of emergency evacuation from a high-wing transport aircraft under simulated ditching conditions	1967
19680077267	High energy oxidizers Final technical summary report, Feb. 1, 1963 - Oct. 31, 1967	1967
19680077269	A Theoretical Investigation of the Properties of Planetary Atmospheres Informal Report, Jun. - Nov. 1967	1967
19680077270	Interdisciplinary studies of the effects of the space environment on biological systems Semiannual status report	1967
19680077272	Potassium superoxide canister study Summary report	1967
19680077273	Design and development of prototype high frequency TM data analyzer, volume 2	1967
19680077276	Evaluation of rechargeable lithium-copper chloride organic electrolyte battery system Final report, Mar. - Oct. 1967	1967
19680077282	Design and fabrication of units and hardware for Project ALARR Technical report, Jun. 1966 - Jul. 1967	1967
19680077283	Optimum and suboptimum detection of Gaussian signals in Gaussian noise	1967
19680077284	A perturbation procedure for the solution of coupled, nonlinear, multi-degree-of-freedom shock isolation systems Technical report, 22 Dec. 1963 - 25 May 1967	1967
19680077285	Electron wave interaction in solids Interim report, Jun. 1 - Aug. 31, 1967	1967
19680077286	Project Hicat An investigation of high altitude clear air turbulence. Volume 3. Final report, 12 Feb. 1965 - 10 Jul. 1967	1967
19680077287	The interaction of intense microwave fields with initially heated air	1967
19680077294	Decontamination with fire-fighting equipment Final report	1967
19680077295	Determination of the effectiveness of optimal thrust reverser use for an aircraft in a pull-up maneuver	1967
19680077296	Phosphonitrile chemistry at NOLC Final report, Sep. 1953 - Jun. 1967	1967
19680077297	Reversible oxygen electrodes Final quarterly report, 15 Jan. - 14 Apr. 1967	1967
19680077300	Development of die materials for hot extrusion of steel and refractory metals Interim technical engineering report number 10, 1 Oct. - 31 Dec. 1967	1967
19680077301	AIMP thermal-blanket program	1967
19680077303	The diffraction of sound round a rigid sphere from a point source on the sphere	1967
19680077304	An infrared and Raman study of 1,1 prime-disubstituted ferrocene compounds Final technical report, Jun. 1966 - Jul. 1967	1967
19680077307	Optical point transfer investigation Final report, 22 Apr. 1966 - 22 Mar. 1967	1967
19680077308	Spin resonance in irradiated plastics	1967
19680077309	Research and development programs Quarterly progress report, Oct. - Dec. 1967	1967
19680077310	High power 450 Mc circulator Final report	1967
19680077311	Copolymers of tetrafluoroethylene for superior dielectric materials Final report	1967
19680077314	Hydrocarbon - Air fuel cells Semiannual technical summary report number 11, 1 Jan. - 30 Jun. 1967	1967
19680077315	Electric and magnetic deflection of electron beams	1967
19680077316	Modified atmosphere effects on air blast project 1.09, operation distant plain Final report	1967
19680077317	Design of sampling procedures for flight loads studies	1967
19680077318	Investigation of the characteristics of syncoder networks	1967
19680077319	Terrain analysis by electromagnetic means. Laboratory investigations in the 0 to 2.82 MeV gamma-ray spectral region	1967
19680077321	Operations Research Center Annual report, Jul. 1, 1966 - Jun. 30, 1967	1967
19680077323	Development of transistorised I.F. equipment. Part 2 - Demodulator	1967
19680077324	Research on hollow gridded guns Annual report	1967
19680077325	Rates of reaction of n-butanethiol with some conjugated heteroenoid compounds	1967
19680077326	Hydrostatic pressure - Temperature, as environmental parameters, on growth, biochemistry and physiology of microorganisms Semiannual progress report, 1 Jul. - 30 Dec. 1967	1967
19680077327	Establishment of quality assurance and inspection criteria for the technique of parallel gap soldering	1967
19680077331	Records of automation and telemechanics /selected articles/	1967
19680077332	The selection of a corrective element in multidimensional linear systems	1967
19680077333	Redundant representations and the arithmetic operation speed of digital computers	1967
19680077334	Preparation and properties of silicon nitride Annual report	1967
19680077335	Analysis of the 29 foot monopulse Cassegrain antenna of the AN/FPQ-6 and AN/TPQ-18 precision tracking radars	1967
19680077336	Contaminants in breathing gases - Analysis by infra-red spectrophotometry	1967
19680077337	Ausforming of RARDE steels by direct extrusion	1967
19680077338	Solubility diagrams of various ternary systems - Two inorganic salts in water	1967
19680077339	Solubility isotherm of the ternary system of the nitrates of sodium, ammonium, and water at 25 deg	1967
19680077340	Solubility diagram of the ternary system NaC104-NH4C104-H2O at 25 deg	1967
19680077342	Solubility diagram of the ternary system KNO3-NH4NO3-H2O at 25 deg	1967
19680077343	Investigation of the solubility of the ternary system KClO4-NaClO4-H2O at 0 deg and 25 deg	1967
19680077344	Aqueous mutual system of ammonium and potassium perchlorates and nitrates at 25 deg	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077345	Thermodynamic investigation of the system KClO ₄ -NH ₄ ClO ₄ -H ₂ O at 25 deg C	1967
19680077346	The mutual aqueous system of ammonium and sodium perchlorates and nitrates at 25 deg. Survey of the literature	1967
19680077347	Research on structure characterization of continuous filament materials	1967
19680077349	Surface finishing of fine beryllium wire	1967
19680077351	Terminal radiation program /Trap/ Semiannual program progress report, 1 Jan. - 30 Jun. 1967	1967
19680077352	A small signal analysis of amplification in n-type GaAs	1967
19680077353	Semiconductor and O-type amplifier investigations Final report, 1 Sep. 1964 - 1 Sep. 1967	1967
19680077354	Failure mechanisms in MOS transistors Final report, 28 Mar. 1966 - 28 May 1967	1967
19680077356	Investigation of scalar feed monopulse capability Final report, Feb. 1966 - Nov. 1967	1967
19680077359	Electromagnetic coupling reduction techniques Quarterly report, 15 Aug. - 14 Nov. 1967	1967
19680077360	High-field electronic phenomena in thin films Final report, 1 Jun. 1965 - 1 Jun. 1966	1967
19680077361	Super power CW transmission line techniques Final technical report, Jul. 1966 - Oct. 1967	1967
19680077362	Quartz crystal unit type CR-67/U and CR-/XM-67//U production engineering measure Quarterly progress report, 25 May - 25 Aug. 1967	1967
19680077363	Integrated microwave receivers Interim technical report	1967
19680077364	Development of a hazardous vapor detection system for advanced aircraft Technical report, 1 Mar. 1966 - 1 Sep. 1967	1967
19680077365	Fiber-reinforced metallic composite materials Final technical report, 1 Nov. 1964 - 31 Apr. 1967	1967
19680077367	Tacan antenna techniques Final report	1967
19680077368	Investigation of cold mirror coatings	1967
19680077369	Diffusion of water through liquids	1967
19680077370	Photometric observations of airglow excitation mechanisms during a solar eclipse Final report	1967
19680077371	Graphite turbine feasibility program Interim report, 3 Jul. - 22 Dec. 1967	1967
19680077372	Microscopic theory of ferroelectricity Final technical scientific report, Jan. 1964 - 31 Dec. 1966	1967
19680077374	Plane strain fracture toughness for handbook presentation Technical report, May 1, 1966 - Jun. 1, 1967	1967
19680077375	Production engineering measure on CR-/XM-53//U quartz crystal units Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19680077376	Space communications Quarterly technical summary, 1 Sep. - 30 Nov. 1967	1967
19680077377	Determining the feasibility of making a solid state device that will directly convert infrared radiation into visible radiation Quarterly progress report, Jul. 1 - Sep. 30, 1967	1967
19680077378	Spray metallizing	1967
19680077379	The ionized flow field over reentry bodies	1967
19680077381	Selection of moving targets	1967
19680077383	High-power electronically tunable bandpass filter Final report, Mar. 1966 - Sep. 1967	1967
19680077387	Hot corrosion mechanism, phase 2 Final report, 1 May 1966 - 31 Oct. 1967	1967
19680077389	Design studies of high velocity liquid jet equipment, volume 1 Final technical report	1967
19680077390	Advanced radant studies-2 Final report, 1 Feb. - 1 Nov. 1967	1967
19680077392	Tensile and shear strengths of several reinforced plastics undergoing rapid heating	1967
19680077393	Rotor blade antenna Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680077394	Experimental development of dynamic static discharger system for large jet aircraft Final technical report, Jul. 1966 - Aug. 1967	1967
19680077397	Unconventional Inertial Sensors, volume 1 /Fourth Symposium, 1966/ /U/	1967
19680077398	Army overview of unconventional inertial sensors	1967
19680077399	Free rotor gyro with pneumatic output	1967
19680077400	A new low-cost accelerometer	1967
19680077401	The full-freedom gyro	1967
19680077402	Miniature digital accelerometer research	1967
19680077403	Inertial sensors and information theory	1967
19680077404	Overview of NASA Programs on Unconventional Inertial Sensors	1967
19680077405	Development of a Vibratory Angular Rate Sensor	1967
19680077406	Magnetic Fluid Support Technique and Application to Accelerometers	1967
19680077407	Precision accelerometer of adjustable sensitivity	1967
19680077408	Inertial sensor operation at very low temperatures	1967
19680077409	Review of navy activities on unconventional inertial sensors /U/	1967
19680077410	Ring laser gyro mode pushing and pulling effects	1967
19680077411	An operating three-axis laser gyro triad /U/	1967
19680077412	Fluid accelerometer with no moving parts /U/	1967
19680077413	Sperry fluid rotor gyro evaluation	1967
19680077414	Elimination of cross-coupling in body-mounted single axis platforms	1967
19680077415	Evaluation results on the Arma "Dynatune" gyro	1967
19680077416	Precision digital accelerometer	1967
19680077417	The Gyroflex gyroscope - An unconventional inertial sensor	1967
19680077418	Optically pumped nuclear magnetic resonance gyroscope Progress report	1967
19680077419	Results of preliminary ring laser gyro testing /U/	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077420	Inertial guidance using a bouncing ball detector /U/	1967
19680077421	Squeeze film linear accelerometer for tactical missile applications	1967
19680077422	Hybrid propulsion - A bibliography /U/	1967
19680077425	Expanded Little Ida, experimental results Interim report, 1 Dec. 1966 - 1 Jul. 1967	1967
19680077429	Low speed flight tests on a tailless delta wing aircraft /AVRO 707B/. Part 2. Longitudinal stability and control	1967
19680077430	Growth and assessment of laser materials and assessment of laser materials in high PRF Q-switched systems Annual report	1967
19680077431	Application of variational methods to slow wave circuits Final report	1967
19680077432	Research on broadband cloverleaf structures Annual report	1967
19680077433	Study of improved magnetron Annual report	1967
19680077434	GHz 8-18 low noise TWT amplifier Interim report, 1 Jan. - 15 Sep. 1967	1967
19680077435	Study and investigation of a UHF-VHF antenna Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680077436	Multidecade hybrid radiation survey meter	1967
19680077437	Disc-supported ring-bar structures Annual report	1967
19680077438	The alteration of visual perceptual mechanism by chemical agents Final report, Sep. 1963 - Oct. 1964	1967
19680077439	Two-photon absorption laser detection techniques Final technical report	1967
19680077440	Critical parameters for inert hot-spots	1967
19680077441	Metallurgical studies of fatigue damage in maraging steel	1967
19680077443	Extended investigation of HY-130/150 weldments Progress report, Jul. 1 - Dec. 31, 1966	1967
19680077445	Integrated microwave receivers Interim technical report, 1 Dec. 1966 - 28 Feb. 1967	1967
19680077447	The investigation of impingement corrosion in seawater. Part 3. A comparison of the resistances of copper-nickel-iron alloys containing 5 percent and 10 percent nickel to impingement corrosion	1967
19680077449	The automatic operation of reserve parachutes for paratroops	1967
19680077450	Holographic head-up display, phase 1 Technical report, 15 May - 14 Nov. 1967	1967
19680077451	Multiple pressure transducer banks and their application	1967
19680077453	Development of new techniques for the improvement of crossed-field amplifiers Final report, 15 Sep. 1966 - 14 Dec. 1966	1967
19680077455	Random communication satellite coverage	1967
19680077457	J52-P-8A engine altitude performance	1967
19680077458	The oceanographic operations program of the U.S. Navy - Accomplishments and prospects	1967
19680077460	Information transmission in operator reports of equipment malfunction Final report, Dec. 1965 - Sep. 1966	1967
19680077461	Test of the Intelsat 3 communication spacecraft and apogee motor under the combined effects of simulated altitude and rotational spin	1967
19680077464	Rapid approximation of response of an undamped 3-mass 2-spring linear system to step velocity loading Final report	1967
19680077465	Experimental flight instruments Final report, 1 Jul. 1966 - 30 Apr. 1967	1967
19680077466	Improved CdTe solar cell and array environmental effects investigation Quarterly technical report, 1 Sep. - 30 Nov. 1967	1967
19680077468	General utility spacecraft and multiple orbit/payload launch applications in space research and development	1967
19680077471	Developmental investigation of the Kearfott Gyroflex two-degree-of-freedom gyroscope S/N 113 Final report	1967
19680077472	Research on injection luminescence in wide gap semiconductors Final technical report, 27 Jun. 1966 - 26 Jun. 1967	1967
19680077474	Development of nondestructive tests for quantitatively evaluating glass fabric reinforced laminates Summary technical report, Jun. 1966 - Jun. 1967	1967
19680077478	Evaluation of single-frequency satellite receiving system	1967
19680077479	Electronics in military science	1967
19680077480	Mass spectrometric study of rare earth-carbon systems. 1 - The cerium-carbon system. 2 - Atomization energy of the NdC4 molecule	1967
19680077481	Tracker for optical communications systems	1967
19680077482	Fatigue behavior of welded thin web girders as influenced by web distortion and boundary rigidity	1967
19680077484	Development of processing techniques for the extrusion of metal powders	1967
19680077486	Investigation of new ionosounder techniques Final report	1967
19680077488	Atlas E/F boosters and ABRES-A criteria for payload designers	1967
19680077489	Buckling near a hole in an infinite plate under tension	1967
19680077490	Production engineering measure on gallium arsenide laser diode Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680077491	Increased crystal unit resistance at oscillator noise levels	1967
19680077493	Production engineering measure for silicon linear integrated circuits, volume 1 Final engineering report, 20 Apr. 1965 - 20 Feb. 1967	1967
19680077494	Research and development of nondestructive testing techniques for composites Summary technical report, 1 Jul. 1966 - 30 Apr. 1967	1967
19680077495	Photoconductor-semiconductor emitters Quarterly report, 1 Jan. - 1 Apr. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077496	Two-camera Advanced Vidicon Camera Subsystem /AVCS/ for the Applications Technology Satellite /ATS/ and the single-camera AVCS for the Tiros Operational Satellite /TOS/ Final report	1967
19680077497	Microwave devices utilizing oriented cubic ferrimagnetic materials Final report	1967
19680077498	Determination of optimal compliance and stiffness matrices from experimental data	1967
19680077499	High resolution, high efficiency phosphor screens Annual report, 1967	1967
19680077500	P-i-n diodes for phase-shifting applications Annual report, 1967	1967
19680077501	Mass conservative attitude control systems for interplanetary spacecraft	1967
19680077502	Measurement of complex permittivity quarterly report, period ending 15 Dec. 1967	1967
19680077504	Susceptibility measurement system study - Microwave discriminator Interim technical report	1967
19680077505	A computer program for use in designing ducted propellers	1967
19680077506	IRLS transmitter 25 watt, solid state MHz Final report	1967
19680077507	Integrated Doppler inertial loran navigation system. Volume 3 - Inertial subsystem, phase 1 Final report	1967
19680077508	Integrated Doppler inertial loran navigation system. Volume 4 - Loran subsystem, phase 1 Final report	1967
19680077509	Integrated Doppler inertial loran navigation system. Volume 6 - Management-production support-cost, phase 1 Final report	1967
19680077511	Low-level critical air turbulence Monthly report	1967
19680077512	A gas-liquid chromatographic method of analysis for synthetic turbine engine lubricants Technical report, 1 Jun. 1966 - 1 Sep. 1967	1967
19680077514	Single Pass Fit Program /SPFP/	1967
19680077515	Thermodynamic data of helium-3 Final report, May 1965 - May 1967	1967
19680077517	Approaches to structural verification testing of Mach 3-15 vehicles Final report	1967
19680077520	An individual system/organization cost model. Volume 4 - Reveiw of selected applications	1967
19680077521	Functionality determination of binder prepolymers Quarterly progress report, Oct. - 31 Dec. 1967	1967
19680077522	A note on erratic phasing in numerical 1000-mb forecasts	1967
19680077523	Multilevel interconnection technology for complex arrays of integrated circuits Annual report	1967
19680077524	Study of airborne millimeter radar techniques Quarterly report, 21 Apr. - 21 Jul. 1967	1967
19680077525	Friction characteristics of crawler belt shoe on various types of surface by means of small scale models	1967
19680077526	Piston extrusion in light-gas guns	1967
19680077528	Research on a high energy non-aqueous battery system Quarterly progress report, 1 Sep. - 30 Nov. 1967	1967
19680077529	The application of the Coulter counter to the particle size analysis of lubricating materials	1967
19680077531	A hypothesis of the time dependence of gravity fields as derived from observations of an orbiting grid sphere	1967
19680077532	Research on electron-photon interaction phenomena Quarterly progress letter, 3 Sep. - 2 Dec. 1967	1967
19680077533	Coherence and resolution	1967
19680077534	A case study of the space and time continuity of numerical frontal analysis	1967
19680077535	Growth of single crystals of high melting point materials by the Czochralski technique Annual report, 1967	1967
19680077536	Multipole analysis of pion photoproduction below the first resonance	1967
19680077537	Study of iodide discharge lamps as laser pumps Annual report, 1967	1967
19680077538	Photoemission from gallium arsenide Annual report	1967
19680077539	Growth of CdS single crystals for acousto-electrical studies Annual report, 1967	1967
19680077540	Theory and realization of defect-tolerant systems Technical summary report, 1 Jan. 1966 - 31 Aug. 1967	1967
19680077545	Low light level TV viewfinder simulation program, phase A. Part 2, volume 1 - Simulation plans	1967
19680077546	A study of simulated ASW crew performance in relation to selected fatigue factors	1967
19680077547	Static tensile tests of large reinforcing bar splicing techniques Technical report, Nov. 1965 - Sep. 1966	1967
19680077548	The development, fabrication, and evaluation of sonic fatigue resistant aerospace structures utilizing viscoelastic materials Interim technical report, 1 Oct. - 31 Dec. 1967	1967
19680077553	The determination of trace impurities in liquid oxygen for breathing by infrared methods	1967
19680077554	Use of artificial viscosity in the RIPPLE computer program	1967
19680077557	Convective index charts for western Canada and the associated convective development	1967
19680077558	Statistical design for cloud seeding evaluation, precipitation physics project	1967
19680077559	Correlation of viscous effects and comparison between experimental an theoretical distribution of potential normal force and pitching moment for bodies of revolution at supersonic speeds	1967
19680077560	Inductorless filters	1967
19680077561	Feasibility determination for development of a physical-mathematical model of particle/ atmosphere dynamics Final report, Apr. - Oct. 1967	1967
19680077563	Evaluation of composite materials for gas turbine engines Final report, 1 Apr. 1966 - 30 Jun. 1967	1967
19680077565	Gallium arsenide p-i-n rectifier Annual report	1967
19680077567	Study of the fall in secondary emission with life of magnetron cathodes Annual report	1967
19680077568	Application of Pade integration to the partial differential equations of the hypersonic wake Technical memorandum, Dec. 3, 1966 - Dec. 30, 1967	1967
19680077569	Study of high frequency piezoelectric transducers Final report	1967
19680077570	A perturbation analysis of the baroclinic model in use at the Central Analysis Office	1967
19680077572	Research on the optical properties of matter Technical report, 1 Jun. 1963 - 30 Jun. 1966	1967
19680077573	Develop manufacturing methods to utilize explosives as a high energy source to spot weld metals Interim engineering progress report no. 5, 1 Oct. - 31 Dec. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077575	Infrared light switch Annual report	1967
19680077576	Mass spectrometric analysis of tritoyl phosphate	1967
19680077578	Effects of drugs on human performance Final report, Jul. 1964 - Oct. 1967	1967
19680077580	Status of titanium as a marine structural material	1967
19680077581	On-line technique development for photo intelligence/analysis Final report	1967
19680077583	Research on mirror tubes Final report	1967
19680077584	Secondary emission in hydrogen thyratrons Final report	1967
19680077585	Characteristics of infinite dimensional vector spaces	1967
19680077586	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680077587	The multi-recompression heater, a new concept for large scale hypersonic testing	1967
19680077588	Development and fabrication of solid-state high-speed optical detectors Final report, 16 May 1966 - 30 Sep. 1967	1967
19680077589	Structural flight loads data from T-37B aircraft. Volume 2. Multichannel data Final report, 9 May - 24 Nov. 1966	1967
19680077592	Feasibility study solid state air data computer Final report, May 1965 - Jan. 1967	1967
19680077593	Analytical investigation of the radial vibrations of a pipe having axial staves	1967
19680077594	Design and fabrication of radome erosion protection shoes for F-4, A-7A and F-111B Interim engineering report, 25 May 1966 - 25 Jan. 1967	1967
19680077595	The absolute threshold and the psychophysical function in brightness vision	1967
19680077596	Photoconductor-semiconductor emitters Final report, 1 Apr. - 1 Jul. 1967	1967
19680077598	Production engineering measure for low field magnetron BL-234C Quarterly progress report, 28 Apr. - 28 Jul. 1967	1967
19680077600	Manufacturing methods and process controls for low cost resonant gate transistors Interim engineering progress report, 1 Jun. - 30 Sep. 1967	1967
19680077601	Monolithic infrared mosaic sensors Interim technical report, 1 Oct. - 31 Dec. 1967	1967
19680077602	Continuous tone diazo films and papers for duplication of reconnaissance films Final report, Apr. 1965 - Mar. 1967	1967
19680077603	Research on low noise microwave transistors Annual report	1967
19680077604	Study of integrated microwave circuits incorporating p-i-n diodes Annual report	1967
19680077605	Diffusion bonding of titanium and beryllium Final report, 1 Jul. 1965 - 1 Aug. 1967	1967
19680077606	Biprism interferences with slow electrons	1967
19680077607	A brief note on periodic disturbances in a laminar shear layer	1967
19680077610	Memory system evaluation program	1967
19680077613	Cylindrical shell response to an engulfing blast load	1967
19680077614	Accommodation effects in multi-color displays Technical report, Jun. - Dec. 1966	1967
19680077615	Starting loads in supersonic wind tunnels and some methods for their alleviation	1967
19680077618	Analysis of spectra obtained with the helium-3 proportional counter	1967
19680077620	On the estimation of darkness by direct scaling methods	1967
19680077621	Low light level TV viewfinder simulation program, phase A. Part 2, volume 2 - Simulation plans	1967
19680077622	An analysis of the data sampling requirements for the Mast version of the Brewer Bubbler ozonesonde	1967
19680077623	Return probability and multiple site selection for orbital missions	1967
19680077624	Materials research programme for a solid state red indicator lamp Annual report	1967
19680077625	Operating and maintenance instructions /subcontractor data/ horizontal display system, volume 2	1967
19680077626	The effect of quench rate on precipitation in a weldable Al-Zn-Mg alloy	1967
19680077627	Study of gallium arsenide transistor technology Annual report	1967
19680077628	Piezoelectric interaction in semiconductors Annual report	1967
19680077630	Wave Mechanics and Quantum Theory Group Progress report, 1966-1967	1967
19680077631	Design for a subaudio phase-lock, pulse-tracking oscillator	1967
19680077632	Differential changes in electronic materials Interim technical report, 17 Jul. - 17 Oct. 1967	1967
19680077633	Development of hot-corrosion resistant alloys for marine gas turbine service Final summary report	1967
19680077634	Investigation of bombardment induced conductivity in direct view storage tubes Annual report	1967
19680077635	Pulsejet, jet and rocket engines	1967
19680077637	Electronically scanned waveguide slot arrays Annual report, 31 Mar. 1966 - 30 Aug. 1967	1967
19680077639	Semiconductor materials Interim engineering report, 1 Oct. - 31 Dec. 1967	1967
19680077642	A laboratory evaluation unit for the automatic calibration system /Autocal/	1967
19680077644	Thrust nozzle optimization including boundary layer effects	1967
19680077645	Operating and maintenance instructions horizontal display system, volume 1	1967
19680077646	Production engineering measure for a phase 2 super power hydrogen thyratron tube. Appendix - KU-375 super-power hydrogen thyratron tube Final engineering report	1967
19680077648	Life study of low-noise travelling wave tubes Annual report	1967
19680077649	The determination of dissolved gases in water	1967
19680077650	Single-axis platform testing	1967
19680077651	Developing a process for ausforging large, high-strength steel aircraft structural components with improved design and weight reduction Interim engineering progress report no. 8, 15 Apr. - 14 Dec. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077653	Aspects of the current algebra approach	1967
19680077655	Radar reflection characteristics of terrain and water surfaces - An annotated bibliography	1967
19680077656	Stress reversal in bonding material between fibers	1967
19680077658	The second operational step towards complete numerical integration of satellite observations with conventional data	1967
19680077661	Two techniques for simulating the interaction of a supersonic vehicle with a blast wave	1967
19680077662	Semiconductor laser modulation techniques Final report, 31 Jan. - 31 Jul. 1967	1967
19680077663	Development of manufacturing methods for growing large beta-silicon carbide single crystals Interim progress report, 15 Jun. - 15 Dec. 1967	1967
19680077670	Production engineering measure for ceramic filters Final engineering report, 29 Mar. 1963 - 31 Oct. 1967	1967
19680077672	Program documentations for gyro test methods	1967
19680077673	Computer program for estimating free-field thermal radiation characteristics Final report	1967
19680077674	CSM earth orbital rendezvous simulations	1967
19680077675	Experiment implementation plan for the Apollo telescope mount. Experiment S052 - White Light coronagraph	1967
19680077676	Experiment implementation plan for the Apollo telescope mount. Experiment S053 - UV coronal spectrograph	1967
19680077677	Experiment implementation plan for the Apollo telescope mount. Experiment S054 - X-ray spectrographic telescope	1967
19680077678	Experiment implementation plan for the Apollo telescope mount. Experiment S055 - UV spectrometers	1967
19680077679	Experiment implementation plan for the Apollo telescope mount. Experiment S056 - X-ray telescope	1967
19680077680	The application of fracture mechanics to the assessment of failure of cylindrical pressure vessels under yielding conditions	1967
19680077686	Radiation-induced rearrangements of cis, cis,-1,3-cyclooctadiene	1967
19680077687	Measurement of turbulent velocities from the Doppler shift in scattered laser light	1967
19680077689	The mass spectrometric analysis of high purity carbon dioxide	1967
19680077690	Heat transfer to steam-water mixtures flowing in uniformly heated tubes in which the critical heat flux has been exceeded	1967
19680077691	The effective surface energy of brittle materials	1967
19680077693	An axially-fed 100 kG pulsed field coil	1967
19680077694	A measurement of the cross section for proton production in collisions between electrons and H plus 2 ions	1967
19680077696	Hypersonic, low-density sphere and cone drag correlations	1967
19680077697	Acoustic backscatter from a random rough water surface	1967
19680077698	A computer solution for the response of a simple base-excited mechanical oscillator with a particular type of nonlinear damping	1967
19680077702	Characteristics of self-excited moving striations and electric fields in a neon plasma	1967
19680077703	The measurement of thin oil films under dynamic loading conditions using light and X-ray techniques	1967
19680077704	Immiscibility in liquid metal systems	1967
19680077705	Aspects of continuous solids/gas flow behaviour in tubular reactions	1967
19680077706	Square root display with a small computer	1967
19680077711	Electronic converter for a perforated tape machine	1967
19680077712	Analyzer for the measurement of weak radar signals through difference integration	1967
19680077713	Determination of the height dependence on the inhomogeneity of the cut off point in the lower half of the troposphere due to aerological phenomena	1967
19680077714	Interference with the radioastronomy service especially of the radiotelescope at Stockert caused by vehicular traffic in the vicinity	1967
19680077715	Selective attenuation, carrier band width and frequency diversity on tropospheric scattering in the frequency range between one and ten billion cycles per second	1967
19680077716	The measurement of weak radar signals through difference integration	1967
19680077717	Radiation effects in BeO, Al ₂ O ₃ and MgO	1967
19680077722	Semiconductor injection laser Annual report	1967
19680077723	Study of a photosensitive resist used in the microelectronics industry Annual report	1967
19680077724	Air oxidation studies in a long graphite channel	1967
19680077730	Automatic detection and display equipment for moving target indication /Addem/ Final report, 1 Nov. 1965 - 30 Nov. 1967	1967
19680077731	Form rolling structural shaped tubing Interim engineering technical progress report, 1 Jun. - 30 Nov. 1967	1967
19680077734	Research on flash tubes Annual report	1967
19680077735	Investigations regarding development of a high-performance insulation system Quarterly progress report, 25 Aug. - 26 Nov. 1967	1967
19680077736	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680077742	Extra-vehicular communication system Quarterly progress report, 27 Jul. - 31 Oct. 1967	1967
19680077743	The Apollo 204 accident, January 27, 1967 - A selected bibliography	1967
19680077747	Oceanographic cruise summary South China Sea	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077749	Relationships between tropical precipitation and kinematic cloud models Semiannual report, 1 May - 31 Oct. 1967	1967
19680077753	Galactic Jupiter probe phase A report. Volume 2 - Spacecraft design	1967
19680077754	Douglas FW-4D nozzle redesign Final report	1967
19680077755	Development of a broadband, S-band amplifier for use in the signal processing test facility	1967
19680077763	Long-life digital attitude control system - Requirements and preliminary configuration	1967
19680077764	Development of an integrated and mechanized high energy forming machine Interim engineering progress report, 1 Sep. - 31 Dec. 1967	1967
19680077765	Launch support program report Mod 3 computing system Eastern Test Range	1967
19680077766	Special fractographic techniques for failure analysis	1967
19680077767	Electron emission from thin film cold cathodes Annual report	1967
19680077769	The effect of scene motion on holography	1967
19680077770	A cooperative program of fundamental research as related to Jet Propulsion Office of Naval Research, Department of the Navy Semiannual progress report, 1 Apr. - 31 Sep. 1967	1967
19680077772	General solution of the three-impulse optimization problem, phase 1 Final report	1967
19680077775	Gyro test methods	1967
19680077776	Derivation of analytical methods which give rapid convergence to the solution of optimized trajectories Final summary report	1967
19680077780	Galactic Jupiter probe phase A report. Volume 1 - Program, system, science, mission and flight operations	1967
19680077783	Beam communication apparatus - Visibility of antennas and their design	1967
19680077784	The analysis of some two-dimensional potential flows to be used at the study of problems of oil-migration	1967
19680077785	Feasibility study of systems to visualize base flow of a model cold flow rocket motor Final report	1967
19680077790	Production engineering measure for a phase 2 super power hydrogen thyratron tube, volume 2 Final engineering report, 7 Mar. 1962 - 6 Sep. 1967	1967
19680077791	A Modified Method of Integral Relations Approach to the Blunt Body Flow Field	1967
19680077793	The effects of nose and corner radii on the flow about blunt bodies at angle of attack	1967
19680077796	Trajectories of satellites under the combined influences of low radial thrust and earth oblateness	1967
19680077797	A single formula for the velocity profile through a turbulent incompressible boundary layer on a flat plate	1967
19680077804	[No Title]	1967
19680077807	Research and exploratory development for the Office of Aeronautical Research, National Aeronautics and Space Administration /U/ Quarterly progress report, Oct. - Dec. 1967	1967
19680077809	Buckling of frames with semirigid joints	1967
19680077812	Blood Volume Studies in Association with Gemini Space Flights	1967
19680077813	Proceedings of the International Symposium - Figure of the earth and refraction	1967
19680077814	The normal spheroid and the figure of the earth. Part 1 - The normal spheroid and the regularization of the earth's crust	1967
19680077815	The normal spheroid and the figure of the earth. Part 2 - The figure of the earth and the external gravity field	1967
19680077816	The normal spheroid and the figure of the earth. Part 3 - Gravity anomalies, deviations of the vertical, observations /methods and results/	1967
19680077817	Recent research on atmospherical refraction for geodetic purposes. Part 1 - Problems of atmospheric refractive index and its influence upon electro-optical distance measurements	1967
19680077818	Recent research on atmospherical refraction for geodetic purposes. Part 2 - Refraction effect on the determination of directions	1967
19680077819	Recent research on atmospheric refraction for geodetic purposes. Part 3 - Elimination of refraction from geodetic angular measurements. Nivellitic refraction. Conformal theory of refraction	1967
19680077823	A research program on solid propellant physical behavior, volume 2 Annual report, 1 Feb. 1966 - 31 Jan. 1967	1967
19680077824	Behavior of polymeric and composite systems	1967
19680077825	Soft X-ray vacuum diffraction and Compton scattering of polymers	1967
19680077826	On the turbulent flow of dilute polymer solutions	1967
19680077827	Proceedings of the 1967 Army Numerical Analysis Conference	1967
19680077828	Computer software management and information center /Cosmic/	1967
19680077829	Machine language programming. How and why?	1967
19680077830	NEWTON - A general purpose program for solving nonlinear systems	1967
19680077831	Experience with FORMAC at Harry Diamond Laboratories	1967
19680077832	A simple electronic true random event generator	1967
19680077833	Programming interval arithmetic and applications	1967
19680077834	Homeostatic organizations for adaptive parallel processing systems	1967
19680077835	Logical structure of an automatically sequenced explosive control device	1967
19680077836	A shell computer program which determines the physical properties of an artillery shell and represents its dimensions graphically	1967
19680077837	Zerpol, a zero finding algorithm for polynomials using Laguerre's method	1967
19680077838	System /7094-2/ support for numerical analysis	1967
19680077839	Rounding error, ill-conditioning, and instability	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077840	Research achievements review, volume 2. Report no. 9 - Power systems research at MSFC	1967
19680077841	Introduction to electrical power systems research at MSFC	1967
19680077842	Zinc-oxygen primary battery	1967
19680077843	Fuel cell systems	1967
19680077844	Fuel cell technology	1967
19680077845	Study of radioisotope power for Saturn applications	1967
19680077846	Study of solar power with gravity gradient stabilization	1967
19680077847	Metal-arc illuminator for solar array testing	1967
19680077848	Electrical power conversion system for manned earth orbital vehicle	1967
19680077849	Inverters for motors	1967
19680077850	Proceedings of the Third Symposium on the Plasma Sheath - Plasma electromagnetics of hypersonic flight. Volume 1 - Radiation characteristics of plasma-covered antennas	1967
19680077851	Waveguide admittance for radiation into plasma layers theory and experiment	1967
19680077852	Radiation patterns and admittance of an axial slot on a plasma covered cylinder	1967
19680077853	The radiation pattern of an electric line current enclosed by an axially slotted plasma sheath	1967
19680077854	The effect of a finite conical plasma sheath on the radiation field of a dipole	1967
19680077855	Propagation of transient signals in plasmas	1967
19680077865	Liquid LMH-2 synthesis and heterogeneous fuels development /U/ Quarterly technical report, 1 Sep. - 30 Nov. 1967	1967
19680077871	Research on advanced oxidizers having kinetically derived stability /U/	1967
19680077874	Electromagnetic pulse theoretical notes, volume 2	1967
19680077875	Spherical coordinate expansion of Maxwell's equations for computer solution	1967
19680077876	Conservation equations for electromagnetic energy density and momentum density	1967
19680077877	Transient spherical waves	1967
19680077878	The reflection of pulsed waves from the surface of a conducting dielectric	1967
19680077879	Electromagnetic radiation from a nuclear explosion in space	1967
19680077880	The electromagnetic signal due to the exclusion of the earth's magnetic field by nuclear explosions	1967
19680077881	Close-in electromagnetic fields produced by nuclear explosions	1967
19680077882	Air conductivity produced by nuclear explosions	1967
19680077883	Electromagnetic signals produced by low- altitude nuclear explosions	1967
19680077884	The Kompaneets model for radio emission from a nuclear explosion	1967
19680077885	The Compton current and the energy deposition rate from gamma quanta - A Monte Carlo calculation	1967
19680077886	Detection of the electromagnetic radiation from nuclear explosions in space	1967
19680077887	Satellite-based detection of the electromagnetic signal from low and intermediate altitude nuclear explosions	1967
19680077888	Effects of propagation on the high-frequency electromagnetic radiation from low-altitude nuclear explosions	1967
19680077889	Numerical programs for solving hyperbolic systems by the method of characteristics - Radio emission from a nuclear explosion, part 1	1967
19680077890	The development of a radio signal from a nuclear explosion in the atmosphere	1967
19680077891	Proceedings of the Third Symposium on the Plasma Sheath - Plasma electromagnetics of hypersonic flight. Volume 3 - Reentry plasmas - Simulation, diagnostics, and alleviation techniques	1967
19680077892	Analysis of plasma generators for testing reentry communication systems	1967
19680077893	Simulation of reentry plasmas by electrodeless discharges	1967
19680077894	Shock tube simulation of reentry plasma flows and their microwave noise emission	1967
19680077895	An experimental study of plasma-covered slotted-cylinder antennas	1967
19680077896	Interaction of electromagnetic waves with the exhaust flame of launch vehicles	1967
19680077897	Information loss caused by reentry plasma dispersion	1967
19680077898	Development of a probe for the measurement of point values of electron densities in supersonic flows	1967
19680077899	Measurement of plasma parameters using a radial transmission line	1967
19680077900	Reflectometer measurement of the plasma sheath encountered during the Project Asset flights	1967
19680077901	Plasma sheath reduction by electron attachment processes	1967
19680077902	The effect of chemical additives on microwave transmission in an air plasma	1967
19680077903	Reduction of free electron concentration in a reentry plasma by injection of liquids	1967
19680077904	Theoretical calculations on advanced oxidizers /U/ Final report, 1 Dec. 1965 - 31 Aug. 1967	1967
19680077905	Continued development of a unique method of command thrust modulation /U/ Quarterly technical summary, 16 Jun. - 30 Sep. 1967	1967
19680077907	Spurious output reduction in magnetrons and TM01 study /U/ Interim development report, 1 Jul. - 30 Sep. 1967	1967
19680077910	Development and flight demonstration of a dual thrust smokeless liquid rocket powerplant /U/	1967
19680077911	Translocation between a ship at sea and a forward observer /U/	1967
19680077914	Combustion study of light metal based fuels /U/ Final report, 1 May 1966 - 30 Jun. 1967	1967
19680077925	[No Title]	1967
19680077926	Synthesis of energetic plasticizers /U/	1967
19680077927	Synthesis of novel binder ingredients /U/	1967
19680077928	Some reactions of nitro compounds with difluoramine /U/	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077930	Liquid LMH-2 synthesis and heterogeneous fuels development /U/	1967
19680077931	Research in high-energy oxidizers /U/	1967
19680077934	[No Title]	1967
19680077935	[No Title]	1967
19680077936	Oxyhalogen fluorides /U/	1967
19680077937	A new interhalogen anion /U/	1967
19680077939	Ferrocene-containing monomers /U/	1967
19680077944	D-region partial reflection experiment performed during the 12 November 1966 solar eclipse Final report	1967
19680077945	Ephemeris of the radio longitude of the central meridian of Jupiter, system 3 /1957.0/	1967
19680077946	Improved auxiliary data annotation set	1967
19680077947	The X-19 V/STOL technology A critical review Final report	1967
19680077948	The X-19 V/STOL technology A critical review Final report	1967
19680077950	Manufacturing methods for dispersion- strengthened copper Interim progress report, 15 May - 15 Nov. 1967	1967
19680077951	Development of improved techniques for the extrusion of thin Lockalloy shapes	1967
19680077952	Titanium panel extrusion development Interim engineering progress report number 6, 15 Aug. - 15 Nov. 1967	1967
19680077955	Electron density distribution in the near wake	1967
19680077956	Close tolerance forgings from powder metallurgy preforms Phase 1, part 1 Progress report, 31 Dec. 1966 - 15 Dec. 1967	1967
19680077959	Insulation and Case Bonding Symposium /U/	1967
19680077960	New materials for solid propulsion combustion chamber insulation	1967
19680077961	Improved insulation for advanced weapon systems	1967
19680077962	Improved internal ablative insulations through thermal degradation studies of polymers	1967
19680077963	Design of BOMROC thermal insulation /U/	1967
19680077964	Castable rocket motor insulation /U/	1967
19680077965	Evaluation of motor case insulation materials for low-signature applications /U/	1967
19680077966	Improved external insulations for air-borne propulsion systems /U/	1967
19680077967	An extended temperature range case bond system for CMDB propellants	1967
19680077968	Adhesive study - Case bonding solid rocket motors	1967
19680077969	Case bonding technology - A review of selected applications /U/	1967
19680077970	Variation of propellant mechanical properties near propellant/liner, restrictor, insulation interfaces	1967
19680077971	Development of case-bonding lacquer based on acrylic copolymer /U/	1967
19680077972	Bonding of representative liners to maraging steel /U/	1967
19680077973	A transducer for measuring radial bond stresses in solid propellant rocket motors	1967
19680077974	A study of the hydrodynamic aspects of the physical processes in liquid propellant guns /U/ Phase 2 final report	1967
19680077976	Ballistic testing of rocket motors in the production environment	1967
19680077977	Optimum use of burning rate data from strands, small grain tests and subscale motors to predict full-scale motor performance	1967
19680077978	The design and application of a high frequency spin test fixture	1967
19680077979	Measurement problems related to solid rocket combustion instability	1967
19680077981	A facility for small connected pipe air augmentation tests	1967
19680077982	Plume-signal radio frequency /RF/ effects test facility	1967
19680077984	Prediction and measurement of microwave interference due to solid rocket exhausts /U/	1967
19680077985	Captured launch test facility - A laboratory test technique for evaluation of air-launched missile systems during the launch environment	1967
19680077986	Acoustic data acquisition techniques on large solid propellant rocket motor static tests	1967
19680077987	Interrupted burning of rocket propellants under high spin rates /U/	1967
19680077988	Fiber 6 - A thermal radiation protective fabric /U/	1967
19680077990	A semi-theoretical method for predicting target impulse, surface temperature, and plasma properties at a surface irradiated by a high intensity laser /U/	1967
19680077992	Antihalation 2-inch image intensifier orthicon tubes /U/ Final technical report, 30 Sep. 1964 - 31 Mar. 1966	1967
19680077993	Development of a microchannel electro-optical inverter image intensifier tube /U/ Quarterly technical report, 1 Jan. - 31 Mar. 1967	1967
19680077995	Development of a very highly efficient high-energy propellant /U/ Interim technical report, 1 May - 31 Oct. 1967	1967
19680077996	Ionic fluorine chemistry /U/ Semiannual status report, 1 May - 30 Nov. 1967	1967
19680077997	Applications study for a high-performance cryogenic aerospike rocket engine /U/ Final report, Mar. 1966 - Oct. 1967	1967
19680078000	Sonic lateral jet study with 9-deg cones at M infinity equals 20 /U/ Final report, Oct. 1966 - Apr. 1967	1967
19680078006	Advancement of a high specific impulse-density packageable liquid propellant oxidizer /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1967	1967
19680078007	Scientific technology of hypersonic ramjet combustion systems /U/ Final report	1967
19680078008	Synthetic array mapping and target detection /U/	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078023	Apollo block 2 command module thermal simulator Final report	1967
19680078028	Thermally stable hydraulic fluids, part 1	1967
19680078029	Techniques for generation of control and guidance signals derived from optical fields Final report	1967
19680078030	Diode control research Quarterly technical progress report, 1 Sep. - 1 Dec. 1967	1967
19680078033	Advanced lift/cruise engine design and performance evaluation /U/ Final report	1967
19680078041	Thermal decomposition of poly FA-BDE /U/	1967
19680078042	ERP study of NF decomposition /U/	1967
19680078043	The solid phase decomposition kinetics of INFO-635P /U/	1967
19680078044	Structural characterization and decomposition kinetics of P-BEP /U/	1967
19680078045	Mechanisms of pyrolysis of NF polymers /U/	1967
19680078046	Very low pressure pyrolysis of NF compounds /U/	1967
19680078047	The thermal decomposition of NF bearing solid compounds /U/	1967
19680078048	Shock-tube sensitivity testing	1967
19680078050	Kinetics of TVOPA degradation /U/	1967
19680078051	Kinetic studies of the initiation step of thermal explosions in the condensed phase /U/	1967
19680078052	The kinetics and mechanisms of dehydrofluorination of NF compounds /U/	1967
19680078053	A review and evaluation of the sensitivity and stability characteristics of NF compounds /U/	1967
19680078054	Chemical reaction in shocked NF liquids /U/	1967
19680078055	Shock sensitivity of solid composite propellants	1967
19680078056	Explosive propagation in thin films of propellant materials /U/	1967
19680078057	Low velocity detonations /U/	1967
19680078058	Safety considerations in the development of hazardous materials /U/	1967
19680078059	Techniques for improving high energy propellant sensitivity /U/	1967
19680078060	Sensitivity evaluation of P-BEP propellants /U/	1967
19680078072	Uprated Saturn 1 S-1B stage assembly and test report S-1B-7	1967
19680078074	Uprated Saturn 1 S-1B Stage Assembly and Test Report S-1B-8	1967
19680078075	Side-looking radar for Venus Orbiter	1967
19680078076	Application of band model methods to hot exhaust gases	1967
19680078077	Investigations regarding development of a high-performance insulation system Quarterly progress report, 25 May - 25 Aug. 1967	1967
19680078080	Environmental test program for the Anchored Interplanetary Monitoring Platforms /AIMP D and E/	1967
19680078081	Research achievements review, volume 2, report number 10 - Terrestrial and space environment research at MSFC	1967
19680078082	Introduction to research achievements review on aerospace environment research at MSFC	1967
19680078083	Structure of atmospheric turbulence	1967
19680078084	Wind and gust characteristics in the lower 150 m of the atmosphere at KSC, Florida	1967
19680078085	A statistical analysis of winds for aerospace vehicle design, mission planning, and operations	1967
19680078086	Diurnal variation of density and temperature in the upper atmosphere	1967
19680078087	Ionospheric disturbances caused by ground based acoustic energy sources	1967
19680078088	The masses of meteors and the selection of a representative data sample	1967
19680078089	Martian atmospheric variability	1967
19680078100	Production Engineering Measures /PEM/ for milliwatt logic semiconductor integrated circuits Circuit analysis report, 11 Oct. 1966 - 15 Mar. 1967	1967
19680078102	On the optimum design and flight of rockets	1967
19680078103	Biological effects of prolonged exposure of animals to unusual gaseous environments Semiannual progress report, 1 Sep. - 31 Dec. 1967	1967
19680078106	A study on the effects of the surface potential on the surface recombination velocity at a silicon-silicon oxide interface	1967
19680078112	Application of materials to advanced rocket nozzle and hot gas control systems /U/ Final report, 1 Oct. 1964 - 31 Jan. 1967	1967
19680078124	Development of manufacturing processes for a lightweight heat transfer systems Part 2 - Heat exchanger design /U/ Final technical report, 1 Aug. 1964 - 1 May 1967	1967
19680078131	Aeronautics Division research and development /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680078135	Augmented thrust propulsion /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680078148	Aerobee NRL NB 3.195 /17 November 1967/ Meteorological data report	1967
19680078153	An in-flight simulation of handling qualities of the SV-5P /pilot/ lifting body with various feedback gains and rudder to aileron interconnect ratio /U/	1967
19680078169	Design study for airborne electro-optical surveillance experimentation /U/ Final technical report, 3 Oct. 1966 - 3 Oct. 1967	1967
19680078177	Results of mass determination experiments using the Mitre/Lincoln tristatic interferometer /U/	1967
19680078207	Fast rise time magnetrons Annual report	1967
19680078208	Gallium arsenide high slope varactor Annual report	1967
19680078209	Use of thin tantalum layers in microcircuit fabrications Annual report, Dec. 1966 - Nov. 1967	1967
19680078210	A study of high power UHF transistors Annual report	1967
19680078211	Synthesis of elastomers for use with liquid fluorine Annual interim report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078213	Research on solid state store using MOS transistors Annual report	1967
19680078215	Investigation of laser properties relevant to the measurement of different physical parameters	1967
19680078216	Application of holography to the study of optically inhomogeneous "schlieren fields" 5 - Holography using a pulsed ruby laser	1967
19680078217	A holographic interferometer with focusing	1967
19680078218	A holographic "schlieren knife edge"	1967
19680078219	Transmission of holographic information. 5 - The application of spatial filtering to the sorting of holographic information for transmission	1967
19680078220	The simulation of analog transmission losses	1967
19680078221	Improved utilization of hologram aperture	1967
19680078222	The nature of "grain noise"	1967
19680078223	Sensitive high vacuum ion gauge using multipliers Annual report	1967
19680078224	VX/E/9267 - A time-of-flight mass spectrometer Final report	1967
19680078225	Solid state image intensifying panel with high sensitivity, speed of response and gain Annual report, Jan. - Nov. 1967	1967
19680078226	The development of growth techniques for single crystals of rare earth tetra-borides and mono-nitrides Annual report, Apr. - Jul. 1967	1967
19680078228	Duplexing for solid state receivers Annual report	1967
19680078231	The application of ion implantation to the fabrication of MOS devices Annual report	1967
19680078233	Research on higher frequency thyristors Annual report	1967
19680078234	Catalysed ignition of composite propellant fuels by perchloric acid vapour	1967
19680078237	Thermal stability of a reactive spherical shell Special report, Jul. 1966 - Jan. 1967	1967
19680078239	A study of the measurement of the capacity swing parameter of a varactor diode Annual report	1967
19680078240	Chemically assisted electron beam processing for microelectronics Annual report, Dec. 1966 - Nov. 1967	1967
19680078241	Research on an optically coupled microwave transistor Annual report, Apr. - Oct. 1967	1967
19680078243	Improvement of varactor diodes for use in parametric amplifiers Annual report	1967
19680078244	Reliability investigation of high frequency silicon planar power transistors - RP7/40 Annual report, Nov. 1966 - Oct. 1967	1967
19680078245	Supplemental report on communication system performance during Mission AS-202	1967
19680078246	Radio frequency interference study at Wheeler Park, Nevada	1967
19680078247	Gyro misalignment and encoder quantization effects during multi-axis evaluation of strapdown gyros	1967
19680078251	Reliability program plan/component environmental test program plan. Volume 5 - Environmental acceptance test plan	1967
19680078257	Gun-launched vehicles cost effectiveness study Final report, 1 Jul. - 30 Sep. 1967	1967
19680078258	Spacing perturbation techniques for array optimization	1967
19680078262	Advanced nitroso polymers Technical report, 28 Nov. 1966 - 3 Aug. 1967	1967
19680078264	Theoretical performance characteristics and wind effects for the Aerobee 150	1967
19680078267	Environmental Research Satellite-17 data reduction and analysis. Volume 2 - Orbital coordinate plots	1967
19680078268	Environmental Research Satellite-17 data reduction and analysis. Volume 3 - Detector counting rates, 20 July - 11 August 1965	1967
19680078269	Environmental Research Satellite-17 data reduction and analysis. Volume 4 - Detector counting rates, 11 August - 25 September 1965	1967
19680078270	Environmental Research Satellite-17 data reduction and analysis. Volume 5 - Detector counting rates, 25 September - 4 November 1965	1967
19680078271	Seeing the unseen - The study of detonation processes with the aid of the Kerr-cell camera	1967
19680078278	Photoreactivation of manganese catalyst in photosynthetic oxygen evolution	1967
19680078280	Computational methods for best approximation	1967
19680078282	Quality review of two samples of tail pipe material after five hundred flying hours	1967
19680078283	Assessment of the 750 Bendix starter pin, manufactured in the Netherlands, Schroefboutenfabriek at Helmond	1967
19680078284	Report of the qualification tests of the TA-7M camera system	1967
19680078287	Development and potential of whiskers for composites	1967
19680078294	Development of 50 deg K uncooled parametric amplifier Interim report, 1 Jan. - 1 Aug. 1967	1967
19680078296	MOS integrated circuits Final technical report, 1 Jul. 1965 - 31 May 1967	1967
19680078302	Research and experimentation on space object identification using ground based electro- optical techniques Interim technical report, 1 Jul. - 31 Dec. 1967	1967
19680078304	KN equilibrium thermo-chemistry - Program RETCH	1967
19680078305	Molecular engineering of Pt-based electrocatalysts for hydrocarbon fuel cell electrodes Semiannual interim report	1967
19680078306	Development of a titanium alloy foil and sheet rolling process Final report, 1 May 1965 - 31 Jul. 1967	1967
19680078310	Calibration technique - Chesapeake model NM-125 microphone	1967
19680078311	The high-temperature /solid oxide/ fuel cell. A literature survey	1967
19680078312	Changes of structure and characteristics of soft carbon steels under cyclical stresses below the fatigue limit	1967
19680078315	Statistics governing the design and performance of noise-prediction filters. Advanced array research	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078316	Development of audio transducer helmet assembly Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680078317	Aspects of performance evaluation of waterjet propulsion systems and a critical review of the state-of-the-art	1967
19680078321	F-111 corrosion prevention/control	1967
19680078322	Corrosion of support equipment at a Pacific missile site	1967
19680078323	Corrosion protection of aircraft exposed to marine environment	1967
19680078324	Stress corrosion cracking of aluminum alloys - A review of U.K. service experience and current research	1967
19680078325	McClellan AFB's corrosion prevention and control program for its operational aircraft	1967
19680078326	Explosive corrosion products initiated by RF energy	1967
19680078327	Current and future corrosion control methods	1967
19680078328	Corrosion protective coating systems for rocket launch complexes in seacoast atmospheres	1967
19680078329	Marine corrosion control for deep submergence vehicles	1967
19680078330	Corrosion prevention control for the C5A aircraft	1967
19680078331	Long term storage evaluation of missile systems	1967
19680078332	Corrosion of aircraft structures	1967
19680078333	Cooperative efforts that provide the controls for B52 wing tank corrosion and sludge problems	1967
19680078334	Remote monitoring of corrosion rates	1967
19680078335	Determinations of corrosion rates from electrochemical data	1967
19680078336	Corrosion of high temperature materials by liquid cesium	1967
19680078337	Role of moving dislocations in dissolution processes	1967
19680078339	Corrosion of materials in hydrospace. Part 1 - Irons, steels, cast irons, and steel products	1967
19680078340	Corrosion research at the Naval Air Engineering Center	1967
19680078341	Current fundamental corrosion research programs in the U.S. Navy	1967
19680078342	Use of kryptonates in corrosion measurements	1967
19680078343	Exfoliation and stress corrosion characteristics of high strength heat treatable aluminum alloy plate	1967
19680078344	Optimization and evaluation of aluminum sealing	1967
19680078345	Corrosion and fatigue studies of extruded 7075 T6 spar caps	1967
19680078346	A metallurgical look at stress corrosion of aluminum alloys	1967
19680078347	Electrochemical test for evaluation stress corrosion performance of 2219 aluminum alloy	1967
19680078348	New approaches to the analysis of stress corrosion data	1967
19680078349	The influence of heat treatment and composition on the stress corrosion, fatigue, and fracture properties of 7075 type aluminum alloys	1967
19680078350	Stress corrosion of titanium tanks in methanol	1967
19680078351	Observations on the stress corrosion of the 6Al-4U titanium alloy in nitrogen tetroxide	1967
19680078352	The effect of space charges on the elevated temperature stress corrosion behavior of titanium 8Al-1Mo-1U alloy	1967
19680078353	Cyclic hot salt stress corrosion of titanium alloys Progress report	1967
19680078354	Stress corrosion of titanium alloys coated with high temperature sealants	1967
19680078355	Corrosion studies on forged beryllium	1967
19680078356	Surface passivation coating for beryllium metal	1967
19680078357	Stress corrosion of high strength steel landing gear	1967
19680078358	Stress corrosion cracking of high strength stainless steels	1967
19680078359	Stress corrosion of resistance spotwelds in type 301 stainless steel	1967
19680078360	The role of silicon on the intergranular corrosion of stainless steels in oxidizing environments	1967
19680078361	Corrosion resistance of electronic parts in tropical environments	1967
19680078362	Corrosivity of rosin base soldering fluxes	1967
19680078363	Investigation of the effects of an elevated- temperature corrosive environment on the mechanical properties of certain welded and brazed stainless steels and superalloys	1967
19680078364	Investigation of heat corrosion of nickel base superalloys used in gas turbine engines	1967
19680078365	Hot corrosion of superalloys	1967
19680078366	Corrosion problems in aircraft gas turbines	1967
19680078367	The oxidation characteristics of cast and extruded cobalt base superalloy SM-302	1967
19680078368	Hot corrosion studies of uncoated experimental nickel-base superalloys	1967
19680078369	Accelerated sulfidation of a nickel base superalloy	1967
19680078370	Thermodynamics of the formation of reactivity of sodium sulfate with gas turbine superalloys	1967
19680078371	Preventing corrosion of aircraft fasteners and adjacent structure	1967
19680078372	Corrosion protection of high strength fasteners	1967
19680078373	Protective coatings to resist salt corrosion and heating to 650 deg F /supersonic transport/	1967
19680078374	Finishing systems for magnesium lithium alloys	1967
19680078375	Encapsulation of corrosion inhibiting two- component curable sealant	1967
19680078376	Chromate leaching characteristics of aircraft primers	1967
19680078377	Effects of weld heat on the protective properties of conversion coatings	1967
19680078378	Elastomeric coatings in corrosion protective applications	1967
19680078379	A vinyl system that is compatible with natural and propellant environment	1967
19680078380	Increased corrosion resistance for zinc with anodized coatings	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078381	Corrosion protection of deep submergence electric motors	1967
19680078382	Development of improved protective coatings for sonar domes	1967
19680078383	Protective coatings for marine applications	1967
19680078384	Corrosion protection by flame spraying	1967
19680078385	Coherent particles and stress corrosion cracking of high strength aluminum alloys	1967
19680078386	The Air Force corrosion control program	1967
19680078387	Electron impact ionization cross sections Final report, Jun. 1963 - Jun. 1967	1967
19680078389	Development of convex face draw die Interim engineering progress report, 1 Oct. - 31 Dec. 1967	1967
19680078391	Low cost field effect transistor measurements and applications	1967
19680078392	The Douroux rotary engine	1967
19680078393	Titanium structural selections produced by roll bonding on bar mills Interim engineering progress report number 5, 1 Nov. 1967 - 31 Jan. 1968	1967
19680078395	Experiment of damage control materials and methods for fleet handling of packaged liquid propellants Quarterly report, 1 Oct. - 31 Dec. 1967	1967
19680078397	Stabilization of the phase transformations in hafnium oxide	1967
19680078399	General characteristics of banana trajectories	1967
19680078400	A study of failure mechanisms in VHF power transistors Annual report	1967
19680078401	The time-vector method for lateral stability investigations	1967
19680078402	The use of the analog computer with the single blow transient testing technique for compact heat exchanger surfaces	1967
19680078403	High peak power pulsed Gunn effect oscillator. Part 1 - Device construction and resonant circuit studies. Part 2 - Material for high power Gunn devices Annual report	1967
19680078405	Manufacturing methods for epitaxially growing gallium arsenide-gallium phosphide single crystal alloys Interim engineering progress report, 1 Sep. - 30 Nov. 1967	1967
19680078406	Evaluation of Kearfott micro Minac navigation computer Final report	1967
19680078407	Program relocation in a multiprogramming environment	1967
19680078408	The use of interrupts in a time-sharing computer system	1967
19680078409	Development of on-line system for computer- aided design of integral circuits. Volume 2 - Applications manual Final report, 1 Mar. 1966 - 31 Oct. 1967	1967
19680078410	Creep life of cold rolled type 301 stainless steel sheet in the temperature range 1200 deg F to 1600 deg F	1967
19680078411	Numerical study of secondary effects in flexibility analysis of an ell-shaped piping structure	1967
19680078412	Experimental miniature broadband IF amplifiers, part 2	1967
19680078413	Feasibility of glass-filament-wound plastics for army rocket motor cases	1967
19680078414	Primary navigation system study for Surveillance and Target Acquisition Aircraft System /STAAS/, volume 2 Final report, 30 Jun. 1966 - 14 Jul. 1967	1967
19680078415	Value analysis of protective cover fabrics Final report	1967
19680078417	Experimental study of voltage breakdown characteristics of transmitting antennas	1967
19680078421	Production engineering measure for a phase 2 super power hydrogen thyratron tube, volume 1 Final report, 7 Mar. 1962 - 6 Sep. 1967	1967
19680078423	Low temperature synthesis of fluorine containing species Final report, 1 Feb. 1964 - 31 Jul. 1967	1967
19680078425	A digital radiosonde system	1967
19680078427	Stress concentration factors for small reinforced circular penetrations in pressurized cylindrical shells Final report	1967
19680078429	Subtractive light flat panel display Interim technical report, 1 Sep. - 30 Nov. 1967	1967
19680078430	Physics of thin films, surfaces, and interfaces Progress report, 1 Apr. - 30 Jun. 1967	1967
19680078431	Electronic ceramics by reactive hot pressing, 31 March - 30 September 1967	1967
19680078432	Process development for titanium wheel forgings for F-111 aircraft Interim engineering progress report, 1 Sep. - 30 Nov. 1967	1967
19680078433	Evaluation of weldable multilayer printed wiring boards based on a special test pattern Final report	1967
19680078434	APL geodetic satellite project /ANNA/ Status report, Apr. - Jun. 1968	1967
19680078435	A computer graphics approach to non-linear circuit design	1967
19680078436	Launcher settings versus jack settings for Aerobee 150 launchers. Launch Complex 35 White Sands Missile Range, New Mexico	1967
19680078441	Development of hydrothermal method for growing single crystals of high purity beryllium oxide and the study of the feasibility of hydrothermal growth of selected crystals Technical report, 15 Oct. 1966 - 15 Oct. 1967	1967
19680078442	Production engineering measure for integrated amplifier/switching circuits Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680078443	Nucleate pool boiling of nitrogen from artificial cavities	1967
19680078444	The analysis and design of communication nets using reliability functions	1967
19680078445	VLF studies in the simulated sub-D region Final report, 1 Mar. 1965 - 15 Jun. 1967	1967
19680078446	A fluidic element test device and logic simulator	1967
19680078447	Gallium phosphide technology Annual report	1967
19680078454	Assessment of the capacitance-voltage relationship of variable capacitance diodes Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078455	Investigation of radiation and conduction heat transfer in fibrous high temperature insulations Final report, Sep. 1965 - Aug. 1967	1967
19680078457	Analysis of the electromagnetic effects of a nuclear explosion in the low atmosphere Final report	1967
19680078459	Prediction and maintenance of radiation fog Final report, 15 Aug. 1966 - 14 Aug. 1967	1967
19680078460	Development of manufacturing methods for integrated circuits using MOS transistors Interim engineering progress report, 1 Oct. - 31 Dec. 1967	1967
19680078462	Magnetodynamics of superconductors Technical report, 1 Aug. 1966 - 31 Jul. 1967	1967
19680078463	Effect of inclusions as measured by ultrasonic methods on the mechanical properties of aircraft quality steel	1967
19680078465	Halogen passivation procedural guide Final report, 1 Nov. 1966 - 1 Nov. 1967	1967
19680078466	Ku band semiconductor T-R device, production engineering measures program Quarterly progress report, 27 Jul. - 27 Oct. 1967	1967
19680078470	Examination of the Odeta, an apparatus for the measurement of transfer contrast of optical systems	1967
19680078471	Hypersonic flow of air around blunt bodies with finite chemical reaction rate	1967
19680078472	A conceptual study of the potential use of reversible photochemical systems in devices having military applications	1967
19680078473	Propagation in an open, periodic, iris waveguide Scientific report	1967
19680078476	Technical data package for rocket-borne temperature sensor	1967
19680078477	Radant development techniques Interim technical report, 1 Oct. - 31 Dec. 1967	1967
19680078478	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680078479	Single sideband frequency modulation	1967
19680078481	Airfield pavement evaluation, USNALF Monterey, California Final report, Oct. 1966 - Dec. 1967	1967
19680078483	Wind-tunnel tests of a 1/3-scale model of a Bell X-22A propulsion unit	1967
19680078484	Variable instruction computer environmental tests Technical report, 15 May 1966 - 6 Oct. 1967	1967
19680078485	The solubility of air in Otto fuel 2 Final report	1967
19680078487	Development of an X-band CW crossed-field amplifier Final report, 28 Jun. 1965 - 30 Jun. 1967	1967
19680078489	Wright-Patterson Air Force Base reconnaissance multisensor target range Technical report, 1 May 1966 - 30 Apr. 1967	1967
19680078490	Non-aqueous electrolyte systems	1967
19680078491	Photosensitive array correlation Final report	1967
19680078493	Stress propagation and spallation cone kinetics in penetrated thin plates Interim report, 1 Mar. - 30 Sep. 1966	1967
19680078494	Anechoic chamber for RF interference measurements below 300 MHz Final report, 1 Apr. 1966 - 30 Sep. 1967	1967
19680078495	Production engineering measure for type CR-/XM-60//U crystal units Quarterly report, Jul. - Sep. 1967	1967
19680078496	Waves on an electron beam in vacuo and in a plasma	1967
19680078497	Low altitude laser measurement system Final technical report, 1 Dec. 1966 - 30 Nov. 1967	1967
19680078498	Spectral filtration research Final report, Apr. 1964 - Feb. 1967	1967
19680078501	Dielectric isolation process development Interim report, 15 Dec. 1966 - 15 Aug. 1967	1967
19680078502	Vapor phase growth of ruby monocrystals Final technical summary report, 1 May 1964 - 31 Aug. 1967	1967
19680078505	Calculation of nonequilibrium nozzle and exhaust plume properties for Saturn launch vehicles Final report, 17 Feb. 1966 - 17 Apr. 1967	1967
19680078507	Operations analysis of Air Force Communications Service fixed ground power. Part 2 - No-break power systems, operational and cost analysis	1967
19680078509	Study of fast recovery thyatron Annual report	1967
19680078515	Avalanche generation of microwave power in silicon Annual report	1967
19680078516	Cascade processes and evaporation processes in relativistic nucleus-nucleus and proton- nucleus interactions	1967
19680078517	Investigation of scattering center theory Final report, 1 May - 31 Dec. 1967	1967
19680078518	One point five kw fuel cell power source and voltage controller Final technical report, 14 Mar. 1966 - 14 Jul. 1967	1967
19680078520	CW Gunn effect oscillators Annual report	1967
19680078523	Optical azimuth correlator program	1967
19680078524	Generalized force and moment equations for short range guided vehicles	1967
19680078525	High performance composites Interim report 1 Jun. - 31 Dec. 1967	1967
19680078526	Fiber encapsulation and fabrication	1967
19680078527	Metal matrix composites	1967
19680078528	Failure-time characteristics of continuous unidirectional glass-epoxy composites in flexure	1967
19680078529	Deformational characteristics of unidirectional continuous glass-epoxy composites in flexure	1967
19680078530	Microfiber evaluation	1967
19680078531	Characterization of network structure of epoxy resins by dynamic mechanical and liquid swelling tests	1967
19680078532	Viscosity of dispersed and aggregated suspensions of spheres	1967
19680078533	The effect of filler morphology on the mechanical properties of rubber-matrix composites	1967
19680078534	An evaluation of matrix-innerlayer variables	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078535	The relation between viscosity and moduli of filled systems	1967
19680078536	The measurement of polymer-filler interactions in composites	1967
19680078537	Stress fields around multiple interior cracks	1967
19680078540	The design and characterization of high frequency MOS transistors Annual report	1967
19680078542	Development of on-line system for computer- aided design of integral circuits, volume 1 Final report, 1 Mar. 1966 - 31 Oct. 1967	1967
19680078543	Production engineering measure for type CR-/XM-56//U Quarterly reports, 16 Aug. 1966 - 28 Feb. 1967	1967
19680078544	Lubricity properties of high temperature jet fuels Quarterly report, 15 Aug. - 15 Nov. 1967	1967
19680078545	Development of manufacturing procedures for a new high-strength beta titanium alloy having superior formability Interim engineering progress report, 1 Apr. - 31 Oct. 1967	1967
19680078547	An investigation of materials suitable for a 10 micron photodetector Annual research report	1967
19680078548	Unguided Rocket Ballistics Conference - Addendum	1967
19680078549	On roll lock-in in unguided rockets	1967
19680078550	Improved method of obtaining launcher settings	1967
19680078551	Statistical evaluation of rocket impacts	1967
19680078552	Impact dispersion of unguided rockets at WSMR	1967
19680078553	Utilization of DFX procedure for the automatic selection of radar data	1967
19680078572	Electromagnetic interference of nuclear particle detection system	1967
19680078573	Investigation and analysis of aircraft fuel emulsions	1967
19680078574	Ultra "G", two-axis angular rate sensor technique Final technical report, Apr. - Nov. 1966	1967
19680078575	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, 20 Aug. - 20 Nov. 1967	1967
19680078578	Atomic absorption analysis with a simple continuous emission source	1967
19680078579	Influence of sulphhydryl compounds on gamma- ray inactivation and mutation induction in Escherichia coli B fil citrul. Influence of pH on the radioprotective capacity of cysteamine	1967
19680078583	Digital computer investigation of ignition, pressurizing and performance of solid rocket motors	1967
19680078584	Low noise L-band amplifier production engineering measures, study and implementation Quarterly report, 13 Jul. - 30 Sep. 1967	1967
19680078585	Domain originated functional integrated circuits Annual report	1967
19680078586	Investigation of celestial carriage structures for hybrid guidance system testing	1967
19680078591	Advanced logistics spacecraft system. Volume 2 - Spacecraft design and performance summary	1967
19680078592	Advanced logistics spacecraft system. Volume 3 - Mission and spacecraft performance analysis Final report	1967
19680078593	Advanced logistics spacecraft system. Volume 4 - Spacecraft design analysis and spacecraft selection Final report	1967
19680078594	Advanced logistics spacecraft system. Volume 5 - Subsystems and weight analyses Final report	1967
19680078595	Advanced logistics spacecraft system. Volume 6 - Mission reliability, crew safety and rescue Final report	1967
19680078596	Advanced logistics spacecraft system. Volume 7 - Operational support	1967
19680078597	Advanced logistics spacecraft system. Volume 8 - Program development and costs, and study results	1967
19680078598	Advanced logistics spacecraft system. Volume 9 - Mars return analysis	1967
19680078599	Advanced logistics spacecraft system. Volume 1 - Condensed summary	1967
19680078610	A crystallographic study of aminoborane derivatives and related compounds	1967
19680078611	Study of deposited insulating layers on silicon Annual report	1967
19680078614	Silicon avalanche photodiode Annual report	1967
19680078615	Cold-cathode gas discharge modulator Final report	1967
19680078616	Photosynthetic halophiles from Owens Valley Final report	1967
19680078620	Design criteria for spacecraft propulsion systems. Volume 1 - Summary Final report	1967
19680078621	Design criteria for spacecraft propulsion systems. Volume 2 - Propulsion design criteria and design data Final report	1967
19680078622	Design criteria for spacecraft propulsion systems. Volume 3-A - Appendices B, C and D Final report	1967
19680078623	Design Criteria for Spacecraft Propulsion Systems. Volume 3-B - Appendices G, H and I Final Report	1967
19680078624	Design Criteria for Spacecraft Propulsion Systems. Volume 4 - Classified Data from Appendices A-1 /U/ Final Report	1967
19680078625	Design criteria for spacecraft propulsion systems. Volume 5 - Restricted propulsion data /proprietary data from appendices A-1/ Final report	1967
19680078628	Advanced engine aerospike design study and experimental investigation /U/ Interim report, 1 Jun. 1966 - 30 Jun. 1967	1967
19680078629	Dc circuit breaker Annual report	1967
19680078630	Variable magnification electron optic lens Annual report	1967
19680078631	Magnetron injection gun research Final report	1967
19680078632	Research on laser mirrors	1967
19680078633	Microwave integrated circuits of hybrid form Annual research report, Oct. 1966 - Aug. 1967	1967
19680078635	Growth of epitaxial gallium phosphide Annual report	1967
19680078636	Development of an integrated display device Final report	1967
19680078637	Study of high voltage thyristors for pulse operation Annual report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078638	Strength properties of a unidirectional E glass cloth epoxy composite	1967
19680078641	An introduction to the design and operation of cryogenic vapor-pressure thermometers	1967
19680078645	Low temperature monopropellants /U/	1967
19680078646	Impurities and hydrazine stability	1967
19680078649	Compatibility of hydrazine-blend fuels in metal containers at elevated temperatures /U/	1967
19680078650	Effects of hydrazine exhaust plumes and propellant spills on selected spacecraft materials	1967
19680078651	Thermodynamic equilibria and ageing effects for hydrazine decomposition catalysts	1967
19680078652	A variable-flow high thruptut thermal-bed reactor /U/	1967
19680078653	Liquid demand gas generator technology for the army environment /U/	1967
19680078654	Changes in hydrazine decomposition catalysts exposed to high temperatures and to selected gases	1967
19680078655	An evaluation of the structural integrity of Shell 405 catalyst under environmental and operational conditions	1967
19680078656	Space environment operation of experimental hydrazine reactors	1967
19680078657	Hypergolic catalyst for hydrazine fuels /U/	1967
19680078658	Analytical study of catalytic reactors for hydrazine decomposition	1967
19680078659	Minimization of spontaneous catalyst in a catalytic reactor /U/	1967
19680078660	Parametric investigation of catalyst bed design criteria for hydrazine monopropellant rocket engines using Shell 405 catalyst	1967
19680078661	Experimental investigation of a demand controlled monopropellant gas generator for propellant tank expulsion /U/	1967
19680078662	A study and development of a monopropellant bootstrap gas generator system	1967
19680078663	Monopropellant gas generator throttling with a fluidic vortex valve	1967
19680078664	Microthrust monopropellant hydrazine reaction control system	1967
19680078665	Design and use of a hydrazine propelled, manned research vehicle in an inhabited laboratory	1967
19680078666	Development of a family of light weight short duration turbo-alternator power supplies	1967
19680078667	Hydrazine electrolysis for microthrust application - The duel hydrazine system	1967
19680078668	Recovery of deep ocean objects using hydrazine-powered buoyancy devices	1967
19680078669	Development of a high-response 23-lbf monopropellant hydrazine engine for PBPS /U/	1967
19680078670	The application of catalytically decomposed hydrazine for spinning synchronous satellite stationkeeping	1967
19680078671	Monopropellant hydrazine rocket engine for orbit and attitude control of a synchronous satellite	1967
19680078678	DIL navigation system definition phase, appendix 1 - Systems analysis and mechanization studies Final technical report	1967
19680078679	DIL navigation system definition phase, appendix 2 Final technical report	1967
19680078680	DIL navigation system definition phase, appendix 3 Final technical report	1967
19680078681	DIL navigation system definition phase, appendix 4 Final technical report	1967
19680078686	Mission oriented study of advanced nuclear system parameters, phase 5. Volume 3 - Research and technology implications report Final report	1967
19680078688	Recovery, refurbishment, and reuse of spacecraft. Volume 2 - Spacecraft configuration and description /U/ Final report, May - Nov. 1967	1967
19680078689	Recovery, refurbishment, and reuse of spacecraft. Volume 3 - Recovery operations analysis /U/ Final report, May - Nov. 1967	1967
19680078690	Recovery, refurbishment, and reuse of spacecraft. Volume 4 - Refurbishment operations analysis /U/ Final report, May - Nov. 1967	1967
19680078691	Recovery, refurbishment, and reuse of spacecraft. Volume 5 - Recurring and non-recurring costs analyses /U/ Final report, May - Nov. 1967	1967
19680078692	Recovery, refurbishment, and reuse of spacecraft. Volume 6 - Recovery, refurbishment, and total program cost comparisons /U/ Final report, May - Nov. 1967	1967
19680078701	Doppler-inertial-loran navigation system. Volume 4 - Loran C/D receiver Final definition phase technical report, 5 Dec. 1966 - 1 Sep. 1967	1967
19680078702	Doppler-inertial-loran navigation system. Volume 5 - Computer subsystem Final definition phase technical report, 5 Dec. 1966 - 1 Sep. 1967	1967
19680078703	Analytical Chemistry Working Group 24th meeting /U/	1967
19680078704	The mass spectrometric characterization of new halogen oxidizers /U/	1967
19680078705	Analysis of halogen oxidizers by gas chromatography /U/	1967
19680078706	Partial pressure method for the determination of NO in N2O4/NO /90/10/ propellant	1967
19680078707	Measurement of ammonium perchlorate particle size distribution by micromerograph	1967
19680078708	Comparison of methods for the particle size analysis of ammonium perchlorate in the subsieve region	1967
19680078709	Measurement of specific surface areas of ammonium perchlorate and beryllium hydride by krypton sorptometry	1967
19680078710	Optimizing the packing of propellant solids /U/	1967
19680078711	Spectrophotometric determination of trace chloride	1967
19680078712	A laboratory-fabricated, carbon-hydrogen- nitrogen analyzer and its application to the determination of nitrogen in nitrocellulose	1967
19680078713	Determination of residual solvent in solid propellants by head-space gas chromatography	1967
19680078714	Establishment of infrared spectra of nitration products of diphenylamine	1967
19680078715	Determination of ethylene dimethacrylate and camphor in propellants by gas chromatography	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078716	Separation of propellant extracts by stepwise gradient elution chromatography	1967
19680078717	The determination of iron in Butarez CTL polymer	1967
19680078718	Characterization of polybutadiene-acrylic acid-acrylonitrile /HB/ polymer using new analytical chemistry techniques	1967
19680078719	A new calibration method for X-ray fluorescence analysis	1967
19680078720	Versatile absorption cell for the determination of N ₂ O ₃ in N ₂ O ₄	1967
19680078721	Determination of Water in Nitrogen Tetroxide - Gas Chromatographic Method for Total Hydrogen Content	1967
19680078722	Field test method for the determination of hydrazine, unsymmetrical dimethylhydrazine and water in a mixed hydrazine fuel system	1967
19680078723	Quantitative Analysis of Liquid Oxygen-Liquid Hydrogen Combustion Products	1967
19680078724	Trace Metals Analyses of Various Spacecraft Fluids in Contact with Titanium Alloy (Ti-6Al-4V)	1967
19680078725	Determination of sodium in propellants	1967
19680078726	An improved endpoint for the determination of fluoride with thorium nitrate	1967
19680078735	Reentry Measurements Program - RMP-B vehicle systems - General /U/ Semiannual technical report, Apr. - Sep. 1967	1967
19680078741	Airborne reconnaissance magnetometer system /U/ Final report, 1 Feb. - 30 Nov. 1967	1967
19680078754	The effects of polynomial approximation in feedforward compensation of control systems with time delay	1967
19680078755	Solid-state synthesis of microwave functions Interim technical report, 1 May - 31 Jul. 1967	1967
19680078756	Photoelastic determination of stresses at oblique openings in spherical pressure vessels	1967
19680078758	Resonance test on a model dam	1967
19680078760	Glass fiber manufacturing process development	1967
19680078761	Straza Industries, Incorporated, propellant supply lines, NASA part numbers 75M14015-401 and 75M07823-9F	1967
19680078767	A gas chromatographic technique for the determination of all major components in combustion products	1967
19680078768	Plane subcritical flow past a lifting aerofoil	1967
19680078772	Properties and applications of a class of rotors with circular-arc profiles	1967
19680078773	An experimental S-band multi-beam array for broad band direction finding	1967
19680078774	Study of ion implantation in semiconductors Annual report	1967
19680078775	Aircraft coating, testing and evaluation Interim engineering report, 1 Oct. - 31 Dec. 1967	1967
19680078777	Injection luminescence in silicon carbide Annual report	1967
19680078778	The triangular equilibrium element in the solution of plate bending problems	1967
19680078779	Evaluation of an automatic thermocouple reference junction chamber	1967
19680078780	Omega, the phase modulation technique of resolving ambiguities flight trial to Barbados, August 1966	1967
19680078781	The subcritical response and flutter of a slender wing model aircraft	1967
19680078786	Design of solid state telemetry transmitter	1967
19680078788	Apollo/Saturn 5 S/V countdown demonstration test AS-501	1967
19680078799	Overseas Autodin simulator Final report	1967
19680078801	The effect of frost formation on the heat transfer to large cryogenic vessels	1967
19680078802	Magnetohydrodynamic wave propagation from a localised source including Hall effect	1967
19680078813	A limited speech recognition system	1967
19680078816	Discharge current limitations in thyratron grids Annual report	1967
19680078817	Binary codes with good autocorrelation functions	1967
19680078818	Influence of axial and radial clearances on the performance of a turbine stage with blunt edge non-twisted blades	1967
19680078819	Numerical analysis of arbitrary shell structures under arbitrary static loadings Final technical report	1967
19680078820	High pressure-low temperature study of hydrogenous fuels Final technical report, 11 Jul. 1966 - 23 Jul. 1967	1967
19680078821	A mechanically coupled optical goniometer	1967
19680078822	Infrasound pressure waves in the auroral zone Final report, 1 Jul. 1965 - 1 Jul. 1967	1967
19680078823	V.H.F. noise levels over large towns	1967
19680078824	Extractor parachute emergency release unit evaluation tests conducted at A and AEE	1967
19680078825	Tapered emitting sole crossed-field amplifier. The theory of growing waves in Brillouin flow crossed field beams	1967
19680078833	Hybrid propulsion system for an advanced rocket-powered target missile /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967
19680078834	Augmented thrust propulsion /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19680078837	High frequency generation and amplification	1967
19680078838	Session 1 - State of the art	1967
19680078839	Session 2 - Quantum and optical effects	1967
19680078840	Session 3 - Gunn effect and novel generation mechanisms	1967
19680078841	Session 4 - Circuit interactions and applications	1967
19680078842	Session 5 - Avalanche effects and acoustic interactions	1967
19680078843	Session 6 - Parametric devices	1967
19680078845	Medium transport helicopter, CH-47B, Chinook Interim report	1967
19680078846	The "moving window" approach to the problems of estimation and identification	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078850	Collection and analysis of micrometeorites Semiannual status report, 1 Dec. 1966 - 1 Jun. 1967	1967
19680078851	A vortex pressure amplifier Final report	1967
19680078852	Development of design and manufacturing technology for integrally formed structures Final technical report, 1 Jul. 1966 - 30 Nov. 1967	1967
19680078855	Relative motion simulator mirror rotation subsystem Technical report, 1 Jun. 1966 - 24 May 1967	1967
19680078857	Laser guidance system for rendezvous and docking Final report	1967
19680078861	Studies of cost effective structures design for future space systems backup Final report	1967
19680078862	Surveillance of NAS Alameda runway pavement Internal working paper, Dec. 1964 - Sep. 1967	1967
19680078863	Advanced studies of stochastic processes - Power spectral analysis in non-stationary models Final report, May 1966 - Jun. 1967	1967
19680078867	Study of microwave power transistor oscillators Annual report	1967
19680078868	Metal deformation processing. Volume 3 - A survey conducted as part of the Metalworking Process and Equipment Program /MPEP/	1967
19680078869	Ductile fracture	1967
19680078870	Application of high pressure to the forming of brittle metals	1967
19680078871	Superplasticity	1967
19680078872	Lubrication in metal-deformation processes	1967
19680078873	Swaging	1967
19680078875	Residual stresses produced by deformation	1967
19680078878	Apollo/Saturn 5 launch complex assessment - Apollo 4, volume 2	1967
19680078881	The combined use of MOS and bipolar transistors in integrated circuits Final report	1967
19680078883	Generation and transmission of hypersonic waves in ferrimagnetic single crystals Final report	1967
19680078884	Apollo/Saturn 5 launch complex assessment - Apollo 4, volume 1	1967
19680078885	Apollo/Saturn 5 launch vehicle assessment - Apollo 4, addendum 1	1967
19680078886	The use of star trackers to determine the attitude of an orbiting vehicle Technical report, Sep. 1966 - Jul. 1967	1967
19680078889	Radio sounding of Antarctic ice	1967
19680078890	The application of thin-layer chromatography to the analysis of oils and fuels. Part 1 - The separation and identification of additives in synthetic ester lubricant	1967
19680078891	A moderate size, circularly-polarized antenna for 2-20 MHz	1967
19680078892	Noise study on travelling wave tubes Annual report	1967
19680078893	Infrared camera tube Annual progress report, period ending Nov. 1967	1967
19680078894	Transient currents in insulators Research report, Apr. 1964 - Jan. 1967	1967
19680078902	The meaning of simultaneity of detonation with respect to the application of quantity- distance regulations	1967
19680078910	Study of improved silicon epitaxial method for microcircuit production Annual report, Jul. 1966 - Jun. 1967	1967
19680078911	Biosatellite program, issue 29 Failure summary report	1967
19680078913	A study of radial migration in fluid-particle flows with fluid rotations	1967
19680078916	Hazards to EEDs in shipping and handling with emphasis on lightning, static, and RF electricity	1967
19680078920	Biosatellite program, issue 20 Failure summary report	1967
19680078923	The dielectric properties of soils	1967
19680078958	High altitude tests - Measurement summary	1967
19680078960	Structure and reactivity of energetic chemical species Annual summary report, 1 Nov. 1966 - 31 Oct. 1967	1967
19680078961	High-sensitivity photoresistances and photoelements from sintered CdS and some of their reversible aging processes	1967
19680078962	The possibility of using the photoresistance of sintered cadmium sulphide as a dosimeter of Roentgen radiation	1967
19680078963	Pre-test report for the vibration test of re-entry "F" development spacecraft	1967
19680078965	Four computer programs for the determination of electromagnetic properties of solid materials	1967
19680078966	Quartz crystal aging effects Technical report, 15 Feb. - 15 Aug. 1967	1967
19680078974	A study on reciprocal phase-shifters using commercial ferrites in S-band waveguides	1967
19680078987	Fratricide Avoidance Multiple Engagement study /FAME/ Final report, Nov. 1966 - Aug. 1967	1967
19680078988	UCLA space program, December 1967	1967
19680078989	Mark 12 P/A collet release ejection mechanism test Final report	1967
19680078994	Statistical presentation of landing parameters for model F-4J aircraft aboard the USS F. D. Roosevelt /CVA-42/ operating off the east coast of Florida /survey 19/ Progress report, 7-9 August 1967	1967
19680079003	Adaptive antenna systems	1967
19680079005	Development of a temperature-indicating sensor for use in ablative rocket nozzles, phase 1 report, 1 August - 6 October 1967	1967
19680079006	Investigation of the effect of composition on on weld metal susceptibility to hydrogen induced cold cracking	1967
19680079013	An analysis of the USAF Iran concept	1967
19680079019	Man's ability to assume B-70 ejection seat postures under emergency acceleration loading while pressurized to 3.5 psi in a full pressure garment Final report, 20-24 Mar. 1967	1967
19680079023	Decoy velocity sensor /RF reflectance/	1967
19680079028	Apollo/Saturn 5 space vehicle turnaround plan /Complex 39 AS-501/2/	1967
19680079035	Hybrid stabilization systems - Magnetic plus momentum devices /DA LO1-18/	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079039	SCORE /System Cost and Operational Resource Evaluator/ executive routine, phase 1	1967
19680079041	Conversion of telemetering system from FM/FM to PAM/FM Final report	1967
19680079044	The Fefet - A ferroelectric adaptive component	1967
19680079046	Production engineering measure for C, L, and S band grid pulsed triode and cavity oscillators Second quarterly engineering report, 30 Sep. - 29 Dec. 1967	1967
19680079049	Thin ferrites for integrated microwave devices Quarterly technical report	1967
19680079064	Air blast characteristics from center and surface-initiated spheres of a solid nitrosol propellant and 50/50 pentolite /U/	1967
19680079071	Process development for high strength titanium tubing Interim engineering progress report, 31 May 1966 - 15 Jul. 1967	1967
19680079074	Cancellation pulses to suppress lightly damped systems	1967
19680079075	Investigation into the cathodoluminescent properties of rare earth oxides Annual report	1967
19680079076	Low cycle fatigue behavior under biaxial strain distribution Final report	1967
19680079080	SV-5D PRIME final flight test summary /U/	1967
19680079083	Experimental and analytical investigations of vehicle designs for high lift-to-drag ratios in hypersonic flight /U/ Technical report, Dec. 1963 - Nov. 1966	1967
19680079097	Production engineering measures for microwave ferrimagnetic materials and circulators Quarterly progress report, 1 Aug. - 31 Oct. 1967	1967
19680079104	Atomic absorption spectrophotometry - Data on sensitivities and limits of detection	1967
19680079105	Development of a dispersion-strengthened superalloy Technical report, 1 Aug. 1964 - 31 Jan. 1967	1967
19680079107	Fungus resistance of vinyl polymer insulating cable coverings	1967
19680079110	Fine powder coefficients of static friction	1967
19680079111	Analysis of a bandpass hard limiter with three input signals	1967
19680079112	Quantitative spectrophotometric analysis of polynitroaromatic compounds by reaction with ethylenediamine	1967
19680079116	Intraocular effects on flashblindness	1967
19680079117	Preliminary experimental study of the thin-film superconducting transformer Final report	1967
19680079123	Feasibility study of a balloon skyhook	1967
19680079124	Design of standard line of vented silver-zinc batteries Quarterly report, 10 Jul. - 31 Oct. 1967	1967
19680079125	Theoretical and experimental investigation of the relationship of impact flash to physical damage Final report, 28 Apr. 1965 - 28 Sep. 1966	1967
19680079126	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Sep. - 20 Dec. 1967	1967
19680079135	Radar return from targets hidden by ground clutter	1967
19680079136	Production engineering measure for manufacture of meteorological balloons type ML-566/ /AM Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680079137	Large-array signal and noise analysis - Equalization studies	1967
19680079138	Fundamentals of liquid propellant sensitivity Final report, 1 Dec. 1965 - 30 Nov. 1966	1967
19680079144	Flow field properties about two blunted cones at angle of attack using the GASL three dimensional method of characteristics program	1967
19680079146	A cost benefit analysis of the range safety function at Air Force Eastern Test Range	1967
19680079147	Broadband optical detectors /1.06-micron/ Final report, 1 Jan. - 30 Jun. 1967	1967
19680079149	Command system functions, telemetry system functions, and calibrations for Geos-B satellite	1967
19680079151	Analysis of stress and displacement fields of short, thick-walled cylinders. Part 1 - Theoretical developments based on the analogy of beams on an elastic foundation including effects of shear deformation	1967
19680079156	Turbulence measurements above an aircraft carrier deck	1967
19680079158	Comparative downwash and simulated forest rescue tests of the HH-3E, HH-53B and the XC-142A aircraft	1967
19680079160	Effect of interface surface tension arising between parallel microfibers at close distance	1967
19680079168	Thermal effects in viscoelastic wave propagation	1967
19680079170	Gravity gradiometry Final report, 26 Jun. - 26 Dec. 1967	1967
19680079171	Development of 1-kilowatt, 1-kilovolt audio transistor and driver transistor for sonar applications Interim engineering report, 16 Aug. - 16 Nov. 1967	1967
19680079174	Overseas Autodin simulator Program reports	1967
19680079175	Research on plasma dynamics Final report, 1 Oct. 1965 - 30 Sep. 1967	1967
19680079176	Plasma expansion in a magnetic field	1967
19680079177	Expansion of a resistive plasmoid in a magnetic field	1967
19680079178	Ionospheric stabilization of the interchange mode	1967
19680079179	Relativistic beam-plasma interaction	1967
19680079180	Radar transmission through turbulent debris clouds	1967
19680079181	Dispersion of electron plasma waves	1967
19680079182	Collisionless damping of large amplitude plasma waves	1967
19680079183	Some nonlinear effects associated with large amplitude plasma waves	1967
19680079184	The plasma wave echo	1967
19680079185	Plasma wave echo experiment	1967
19680079186	Observation of plasma wave echoes	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079187	Microwave scattering from plasma waves	1967
19680079188	On the upper branch of the dispersion curve observed in the T-machine	1967
19680079189	The dispersion of the upper hybrid mode in a spatially inhomogeneous plasma	1967
19680079190	Transition of the dispersion roots from beam-type to Landau-type solutions	1967
19680079191	Growth and dispersion of waves in a weak-beam collisionless plasma system	1967
19680079192	Bounds on plasma fluctuations	1967
19680079196	STRETCH computer programs for reduction of F/R-69 and related data	1967
19680079197	Numerical computation of electric dipole fields in conducting media, part 1	1967
19680079204	Monthly mean maps of three-hour diurnal pressure change over North America	1967
19680079205	Ultra-high-strength elevated-temperature wire	1967
19680079208	Attitude control for gravity gradiometry	1967
19680079214	Modular nuclear vehicle study phase 2. Volume 2 - Nuclear propulsion module systems analysis	1967
19680079216	Wind tunnel tests on the BAC 221 pitot-static probe to determine the calibration characteristics of the pitot and static pressures, and the incidence and sideslip vanes, at Mach numbers up to M equals 1.4	1967
19680079218	Measurement of the VX6508 varactor diode at 4 deg K Final report	1967
19680079225	Field problems in the establishment, operation and maintenance of a mesometeorological observing network, precipitation physics project	1967
19680079227	Thin ferrites for integrated microwave devices Quarterly technical report	1967
19680079228	The influence of statistical errors on the Abel inversion Final scientific report, 1 Jan. 1966 - 31 Nov. 1967	1967
19680079231	Foreign deposits on Gemini 11 optical windows Final report	1967
19680079233	Reentry test plan for the Apollo AS-501	1967
19680079239	Incoherent and coherent addition of geometric optics series terms in VLF/LF radio propagation models	1967
19680079241	High temperature static susceptibilities of MnF2	1967
19680079246	Aerospace targetry techniques. Volume 4 - Exotic target study Final report, 1 Apr. - 31 Dec. 1966	1967
19680079252	Studies on prolonged deep hypothermia and its relation to hibernation Progress report, 31 Dec. 1966 - 31 Dec. 1967	1967
19680079254	Development of controllable selective amplification in silicon-based microcircuitry	1967
19680079256	Microwave Device and Physical Electronics Laboratory consolidated quarterly report for the period 1 April to 30 June 1967	1967
19680079263	An extension to Stratford's theory for highly non equilibrium turbulent boundary layers	1967
19680079265	Study of the mechanism of the electrochemical oxidation of hydrocarbons by experimental separation of reaction steps Final technical report, Dec. 1966 - Nov. 1967	1967
19680079267	The calculation of the development of an equilibrium boundary layer	1967
19680079270	Studies of the growth of single crystal layers of semiconductors of dielectric substrates Final report, 1 Oct. 1965 - 30 Apr. 1967	1967
19680079272	A parametric comparison of aircraft inertial navigation systems, volume 1	1967
19680079275	Theory of the effect of crystallite boundaries on the principal thermal conductivities of highly orientated graphite - The effect of the elastic constant C sub 44	1967
19680079282	Electroreflectance study of CdS and ZnO single crystals	1967
19680079285	Network postmission report on the Gemini GTA-12 mission	1967
19680079286	Close-In Target Electronic Cancellation /CITEC/ system for a continuous transmission frequency modulated sonar	1967
19680079294	Investigation of silicon carbide whisker reinforced metallic matrix Summary technical report, 1 Jul. 1966 - 30 Jun. 1967	1967
19680079301	Development of broadcast alert and function selector radio receivers - OCD-RWX-1, OCD-RWX-5, and OCD-RWX-6	1967
19680079302	Interaction of pi electrons Final technical report, 1 Oct. 1966 - 30 Sep. 1967	1967
19680079304	Ocean surface traffic surveillance from satellites - Considerations with respect to import surveillance Final report, 1 May 1966 - 31 Jan. 1967	1967
19680079305	Design consideration and examples of analog memories with 2 microseconds sample time and indefinite hold time	1967
19680079309	Startle reactions of people to sonic booms	1967
19680079310	Introduction to the effects of nuclear explosions on radio and radar propagation	1967
19680079316	Analogue and digital methods for solving electron optics problems Annual progress report, period ending Nov. 1967	1967
19680079317	Investigation of diffusion techniques applicable to the production of microcircuits Research report, Jul. 1966 - Jun. 1967	1967
19680079318	Detector control program, phase 1 Final report	1967
19680079327	The dissociation energy of copper monofluoride	1967
19680079329	Problem areas and future requirements of electroexplosive devices	1967
19680079330	Terminal radiation program. Volume 1 - Instrumentation and operations Semiannual report, 1 Jul. 1966 - 31 Mar. 1967	1967
19680079333	Laser cloud height ranging set design, development and fabrication Final report, Mar. 1966 - Dec. 1967	1967
19680079337	T58 engine 1967 component improvement programs - T58-GE-1, T58-GE-3, T58-GE-5, T58-GE-8B, and T58-GE-10 Final report, 1 Jan. - 31 Dec. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079338	Fatigue life distribution of metals, a literature search, 1965-1967	1967
19680079341	Canadian Materials Newsletter number 30	1967
19680079342	Canadian Materials Newsletter number 29	1967
19680079348	Research model of the variable instruction computer. Volume 2 - Appendixes Final technical report, 31 Mar. 1965 - 31 Mar. 1967	1967
19680079350	Thermal effects of composite-propellant reactions Technical report, Jun. 1966 - Jul. 1967	1967
19680079351	The effects of angular offset at equilibrium on the linear model of the OAO "paired tracker" control system	1967
19680079352	Two time-share computer programs for loudness calculations	1967
19680079353	Development of criteria for solid propellant screening and preliminary engineering design /an application of cumulative damage concepts/	1967
19680079355	Infrared diffuse reflector coating. Part 1 - Theoretical Final technical report, Jul. 1966 - Sep. 1967	1967
19680079372	The chemistry of rare gases Final report, Oct. 1, 1966 - Nov. 30, 1967	1967
19680079380	Reactor fuels and materials development programs for fuels and materials branch of USAEC division of reactor development and technology Quarterly progress report, Jan. - Mar. 1967	1967
19680079383	A study of the use of chemical additives for the alleviation of the plasma sheath problem	1967
19680079384	Radioisotope power devices of the U. S. Navy, volume 1, no. 4 Quarterly technical report, 1 Oct. - 31 Dec. 1967	1967
19680079385	Production engineering measure for low field magnetron BL-234C, section 2 Final progress report, 28 Apr. 1965 - 29 Sep. 1967	1967
19680079388	Progress report through event Greeley on structural response investigations	1967
19680079389	Reactor fuels and materials development programs for fuels and materials branch of USAEC division of reactor development and technology Quarterly progress report, Oct. - Dec. 1966	1967
19680079390	The dimensionality of magnitude estimates	1967
19680079391	Temporal integration of perceptual response to supraliminal electrical stimulation	1967
19680079392	Anomalous ions in high-temperature mass spectrometry	1967
19680079395	Biology and health physics division Progress report, 1 Jan. - 31 Mar. 1967	1967
19680079398	Spontaneous fluctuations in skin conductance during anticipation of pain in two delinquent groups differing in anxiety proneness	1967
19680079401	Moving target indication for passive acquisition systems	1967
19680079402	Subjective distance and emotional involvement - A verification of the exponent invariance	1967
19680079403	Large scale propagation tests recommended non-propagating distances for AN, ANFO, and dynamite receptors	1967
19680079406	Foundational research, 1967	1967
19680079407	Applied physics department	1967
19680079408	Physics research department	1967
19680079410	Aerodynamics department	1967
19680079411	Ballistics department	1967
19680079413	Chemistry research department	1967
19680079414	Interindividual differences in scaling performance	1967
19680079415	Ballistic investigations of frangible protective structures for space vehicles - Potential applications of frangible construction	1967
19680079416	Flight report for Delta vehicle S/N 20212/472//20212/20214 Delta program-mission no. 45 spacecraft - TOS-WTR no. 2	1967
19680079417	Production engineering measure for type CR-//XM-57//U crystal units Quarterly report, Jul. - Sep. 1967	1967
19680079420	Correlation of three standard shear tests for unidirectional glass-epoxy composites	1967
19680079422	Flight report for Delta vehicle S/N 464/20206/20209 Delta program-mission no. 42 spacecraft - Intelsat 2, F-1	1967
19680079425	Detailed test objectives for Delta launch vehicle spacecraft - IMP-F	1967
19680079426	Entrance flow in a converging elastic tube	1967
19680079427	Detailed test objectives for Delta launch vehicle spacecraft - Bios-B	1967
19680079428	Flight Report for Delta Vehicle S/N 20209 /468//20208/20210 Delta Program-Mission No. 44 Spacecraft - Intelsat 2, F-2	1967
19680079429	Flight report for Delta vehicle S/N 20106 /431//20106/20115/RH-140/ Delta program mission no. 46 spacecraft - OSO-E1	1967
19680079432	Development of radiographic procedures and standards for partial penetration weld joints on heavy aluminum and steel plate	1967
19680079433	Cyclotron resonance pumping of gas lasers Final report, 1 Jun. 1966 - 31 May 1967	1967
19680079434	Compensating resistors for active RC filters Progress report, 1 Jun. - 31 Aug. 1967	1967
19680079435	Hydrocarbon-air fuel cell Final report, 1 Jan. - 30 Jun. 1967	1967
19680079436	High current density cathodes Quarterly progress report, 1 Mar. - 31 May 1967	1967
19680079437	Army advanced AFCS study Final report, 1 Sep. 1966 - 31 Mar. 1967	1967
19680079438	Miniature snap action push button switch Final report, 15 Feb. - 15 Jun. 1967	1967
19680079439	Special type discharge gas lasers Final report, 28 Apr. 1966 - 28 Jun. 1967	1967
19680079440	The probability of successful search for the radioactive pool resulting from nuclear detonation in the ocean. Phase 1 - Determination of the optimal area to be searched	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079442	Photographic material suitable for in-flight processing Quarterly progress report, 15 Mar. - 15 Jun. 1967	1967
19680079443	Signal processing techniques for sound ranging - Preliminary studies Quarterly report, 4 Mar. - 6 Jun. 1967	1967
19680079444	Computer-oriented display memory Quarterly report, 1 Jan. - 31 Jul. 1967	1967
19680079445	Analytic solutions to the massive blowing problem - Part 1 - Similarity solutions	1967
19680079446	Photometric, photoelectric and electromagnetic instrumentation development. Volume 2 - Electromagnetic instrumentation Interim report	1967
19680079447	Microwave absorption as a diagnostic for the wake of hypersonic projectiles - A feasibility study	1967
19680079448	Investigation of a self-orienting rocket for ejection seat propulsion	1967
19680079450	Corrosion by chlorosulfonic acid Final report, 1 Aug. 1966 - 31 Jul. 1967	1967
19680079451	Low noise tunable VHF frequency converter design Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19680079452	Mechanical properties of high-temperature fibrous structural materials. Part 3 - High-speed, high-temperature tensile tester	1967
19680079454	Development of a strain measuring standard for temperatures up to 1370 deg C /2500 deg F/	1967
19680079457	Measurement of the properties of a TANDEL in a parametric frequency multiplier	1967
19680079459	Numerical solution of the space-dependent reactor kinetics equations	1967
19680079461	Fracture toughness, fatigue and corrosion characteristics of high strength aluminum extrusions and plate Quarterly technical management report, 27 Sep. - 27 Dec. 1967	1967
19680079462	Research on phosphorane polymers Summary report, 1 Apr. 1966 - 31 Mar. 1967	1967
19680079463	Dynabit development/research model of random access field auxiliary memory /BORAM/ Final report, 28 Sep. 1965 - 1 Dec. 1967	1967
19680079465	Soviet quantum electronics research	1967
19680079466	The mechanical properties of propellant at high rates of loading	1967
19680079467	The barricade question - What we know and what we don't know	1967
19680079470	Flash fire protective clothing	1967
19680079472	Investigation of liquid-vapor interactions in a constant area condensing ejector	1967
19680079473	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, Oct. 1 - Dec. 31, 1967	1967
19680079477	Instrumentation of the transonic turbine test rig to determine the performance of turbine inlet guide vanes by the application of the momentum and moment of momentum equations	1967
19680079479	Application of many-body theory to the problem of spectral line shapes	1967
19680079481	A study of the vertical motions and of the diabatic heating effects in the lower stratosphere - during early April 1963	1967
19680079487	Coldweld hi-reliability quartz crystal units CR-1018 and CR-65/U Quarterly progress report, 25 Feb. - 25 May 1967	1967
19680079488	Detailed test objectives for improved Delta launch vehicle spacecraft - AIMP-E, volume 1	1967
19680079489	Detailed test objectives for improved Delta launch vehicle spacecraft - AIMP-E, volume 2	1967
19680079490	Detailed test objectives for improved Delta launch vehicle spacecraft - AIMP-E, volume 3	1967
19680079491	Liapunov function generation for autonomous systems	1967
19680079492	Interference reduction in pulses Final report, 1 Jul. 1966 - 31 Jul. 1967	1967
19680079494	Ferroelectric whisker materials Quarterly report, 1 May - 31 Jul. 1967	1967
19680079495	Two state modulation techniques for power systems Semiannual report, 1 Dec. 1966 - 1 Jun. 1967	1967
19680079496	Dielectrics for high energy storage capacitors Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19680079497	Investigations of high-power beam plasma interactions Quarterly report, 15 Jun. - 14 Sep. 1967	1967
19680079500	Display data generation Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19680079502	Research and development of semiconductor diodes for use in harmonic generator applications using single diodes Quarterly progress report, 20 Jun. - 19 Sep. 1967	1967
19680079504	A new representation of wing theory	1967
19680079505	Design of microwave filter networks Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19680079506	Determination of the sealing performance of seals used in propellant actuated devices	1967
19680079507	Active filters and delay lines Quarterly report, 1 Jun. - 31 Aug. 1967	1967
19680079508	Melt spinning continuous filaments from high temperature alloys and beryllium, part 2 Final report	1967
19680079509	High strength, high modulus fiber reinforced polymer composites, part 1	1967
19680079510	Preparation of test procedures Final report, 13 Jul. 1966 - 13 Jun. 1967	1967
19680079512	Changes in spectral sensitivity of multiplier phototubes resulting from changes in temperature	1967
19680079516	Comparative tests of propellants by peak side- on overpressure and side-on impulse /U/	1967
19680079519	Fourth ICRPG combustion conference. Volume 2 - Expanded abstracts and slides /U/	1967
19680079522	Research and development programs /U/ Quarterly report, 1 Oct. - 31 Dec. 1967	1967
19680079523	Exploratory development for missile propulsion /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1967	1967
19680079525	Environmental temperature specifications - Their effects on rocket motor cost and performance /U/	1967
19680079532	Synthesis of new compounds /U/ Final technical report, 15 Mar. 1966 - 15 Mar. 1967	1967
19680079537	Aircraft fuel cell explosion suppression systems and their applicability to army aircraft	1967
19680079538	Analysis and evaluation of tactical penetration aids, Penva program. Memorandum report on experimental investigations of human auditory capacity for use in the design of audio displays	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079542	Transistor, driver stage, silicon, UHF, power, 2.5 watt-500 MHz PEM Quarterly report, 1 Oct. - 31 Dec. 1967	1967
19680079543	A review of hypersonic re-entry wakes and auxiliary studies. Part 1 - Base flow and near wake fluid dynamics	1967
19680079547	Distributor-transmitter TT-550//GG Quarterly report, 1 May - 31 Jul. 1967	1967
19680079548	Memory-oriented processor study Progress report, May 1966 - Feb. 1967	1967
19680079549	Multi-pole relay evaluation study, 1 January- 1 November 1967	1967
19680079552	Single crystals of ferrite and ferroelectric materials Quarterly report, 16 May - 15 Aug. 1967	1967
19680079553	Determining fiber content of graphite yarn- plastic composites, August 1966 - August 1967	1967
19680079555	General characteristics of chlorine dioxide- methane flames	1967
19680079556	A developmental and experimental investigation of a fluidic position transducer	1967
19680079558	Development of avalanche oscillators at 10 GHz and 18.3 GHz Quarterly report, 23 Sep. - 22 Dec. 1967	1967
19680079559	Research and development of aircrew armor systems Final report, May 1965 - May 1966	1967
19680079560	Studies and investigations leading to the design of a radio direction finder system for the MF-HF-VHF range Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19680079561	Content-addressable memory techniques Quarterly progress report, 1 Mar. - 31 May 1967	1967
19680079562	Reed switching devices Final report, 1 Apr. 1964 - Mar. 1967	1967
19680079563	Coldweld hi-reliability quartz crystal units CR-1018 and CR-65/U Quarterly progress report, 25 May - 25 Aug. 1967	1967
19680079564	TNT equivalency-gas dynamics comparison for moderately pressurized tanks	1967
19680079565	Vision without contours	1967
19680079566	Reduction of the rolling moments of slender wing models by the application of full and part span anhedral	1967
19680079568	Preparation of RF ferrites by fluid bed reaction Final report, 16 May 1966 - 15 May 1967	1967
19680079570	TEM digital ferrite phase shifters Quarterly report, 1 Jan. - 30 Apr. 1967	1967
19680079571	Precision variable delay lines Quarterly technical research report, 1 Apr. - 1 Jul. 1967	1967
19680079572	Improved calculations of multidimensional fluid flows by the method of characteristics	1967
19680079573	Electroacoustic coincident pulse storage techniques Final report, 1 May 1966 - 30 Apr. 1967	1967
19680079574	Tropical service life of electronic parts and materials Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19680079575	Tuned integrated circuits Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19680079576	Aircraft antenna requirements study Interim report, 5 Jul. 1966 - 4 Jun. 1967	1967
19680079577	Acquisition and tracking laser communications systems Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19680079578	Advanced automatic flight control system study Final report, 1 Mar. 1965 - 1 Mar. 1967	1967
19680079579	Investigation of hydrazine-air fuel cell systems Progress report, 15 Nov. 1966 - 15 Feb. 1967	1967
19680079584	Production engineering measure for 50-ampere silicon power transistors Progress report, Aug. 27 - Nov. 27, 1967	1967
19680079588	Investigation of high-power beam plasma interactions Quarterly report, 15 Mar. - 14 Jun. 1967	1967
19680079589	Low noise tunable VHF frequency converter design Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19680079590	Test of Solitron power transistors under neutron fluence	1967
19680079595	Integrated research on carbon composite materials, part 2 Summary technical report, Jun. 1966 - Jun. 1967	1967
19680079596	The aeroelastic characteristics of the Saturn 1B launch vehicle with biconic payload shroud	1967
19680079597	Applied research in thin-film field-emission tubes Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19680079599	Case studies on application of new design methods for high capacity protective barriers	1967
19680079600	Recent progress on the development of insensitive EEDs	1967
19680079601	Current status of gas gun rain erosion simulator	1967
19680079602	A review of the U. S. Army random-access discrete-address system program and the Martin Company design plan, part 2	1967
19680079603	A review of the U. S. Army random-access discrete-address system program and the Martin Company design plan, part 1	1967
19680079606	Inorganic dielectrics research Final report, 1 Nov. 1963 - 15 Nov. 1966	1967
19680079607	Wind predictability studies Final report	1967
19680079608	Data processing using distributed parameter techniques Triannual report no. 2, 1 May - 31 Aug. 1967	1967
19680079610	Precision variable delay lines Quarterly report, 1 Jul. - 1 Oct. 1967	1967
19680079611	An investigation of some techniques for training operators in the skills of passive listening	1967
19680079612	Conference on Social-behavioral Problems of Long-duration Space Missions	1967
19680079613	Surveyor 5 helium regulator failure	1967
19680079616	Summary technical report number 1, IMP-F	1967
19680079617	Development of a coating resistant to missile fuels and oxidizers Progress report	1967
19680079618	Fixable photochromic display study Final report, 1 Apr. - 1 Jul. 1967	1967
19680079619	Experimental determination of the cross sections for neutral bremsstrahlung for Ne, Ar, Xe, O, N, and N sub 2	1967
19680079622	Active filters and delay lines Quarterly report, 1 Mar. - 31 May 1967	1967
19680079625	An analysis of errors in velocity and drag coefficient as a function of experimental conditions	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079627	A new theoretical solution of the laminar hypersonic near wake. Part 2 - Numerical results and comparison to experiment	1967
19680079628	Extra flexible tactical cable Final report, 1 Apr. 1964 - 30 Jun. 1967	1967
19680079629	The effect of an applied electric field on propellant combustion Technical memorandum report, Jul. 1965 - Jun. 1967	1967
19680079633	Lightning parameters related to the initiation of electroexplosive devices	1967
19680079634	A working conference - Fundamental problems of future aerospace structures Summary report	1967
19680079635	Flight report for Delta vehicle S/N 471/20210/20204 Delta program-mission no. 43 spacecraft - Biosatellite-A	1967
19680079636	A knife edge scanner to measure the optical transfer function	1967
19680079640	FPS-85 tube improvement program 4CPX250K Final technical report, 1 Mar. 1966 - 1 Mar. 1967	1967
19680079641	C-band phased array crossed-field amplifier development Quarterly report, Oct. - Dec. 1967	1967
19680079644	Montana LASA Annual report, 1 Jun. 1966 - 30 Jun. 1967	1967
19680079645	Supersonic vehicle entry into and exit from a blast wave Final report, 28 Jan. 1966 - 28 Feb. 1967	1967
19680079646	On the measurement of atmospheric transmittance by photographing stars	1967
19680079647	On the influence of small amounts of substitutional elements on recovery, recrystallization and internal friction of high-purity iron	1967
19680079652	Terminal forecast reference file for Mather Air Force Base, California	1967
19680079653	Analysis of small photographic images of line targets	1967
19680079654	Beryllium forgings for turbine engine components Final technical engineering report, Dec. 1964 - Sep. 1967	1967
19680079656	On the errors related to uncertainties in the magnitudes and color differences of stars used for atmospheric transmittance measurements	1967
19680079661	High performance automatic direction finder study Quarterly progress report, 15 Sep. - 14 Dec. 1966	1967
19680079665	Investigation of phenomenon of superplasticity in metals Final report	1967
19680079668	Computer mass memories Interim engineering progress report, 1 Aug. - 31 Oct. 1967	1967
19680079671	Improved Gunn effect oscillator Annual report	1967
19680079673	Electromagnetic hazards inside aircraft. Part 2 - Penetration through canopies and radomes and associated protective equipment Final technical report, Jul. 1966 - Sep. 1967	1967
19680079675	RF attenuation of initiators	1967
19680079680	Analysis of flush electrostatic probes for reentry measurements	1967
19680079682	Guided missile batteries - An annotated bibliography, 1966-1967	1967
19680079687	Research model of the variable instruction computer. Volume 1. Technical report data Final technical report, 31 Mar. 1965 - 31 Mar. 1967	1967
19680079689	Research on composite tape laying process for advanced fibrous reinforced composite structures Quarterly report, period ending 31 Oct. 1967	1967
19680079690	Research to determine the effects of surface catalyticity on materials behavior in dissociated gas streams Quarterly progress report	1967
19680079692	Analysis and synthesis of linear electrical networks by graphical means	1967
19680079699	Survey of manufacturers of film circuitry	1967
19680079710	Deposition chamber for epitaxial growth	1967
19680079711	CORDIC computing technique - Example and simulation	1967
19680079712	Standard and new visual landing aid concepts and equipments, depth of flash optical landing system Interim report, Jun. 1966 - Mar. 1967	1967
19680079713	Production engineering measure for high-reliability aluminum electrolytic capacitors Quarterly report, 20 Sep. - 20 Dec. 1967	1967
19680079720	Surface-temperature measurements of solid propellants during ignition Technical interim scientific report, Jun. 1966 - Jul. 1967	1967
19680079723	Plasma physics and quantum electronics, radioscience, solid-state electronics, systems techniques, and systems theory Quarterly status report, 1 Oct. - 31 Dec. 1967	1967
19680079727	Analysis and computer program for calculation of non-similar laminar boundary-layer properties - Air in chemical equilibrium and finite rate chemistry	1967
19680079729	Production engineering measure for improvement of production techniques to increase the reliability of silicon transistor type 2N3055 Quarterly progress report, 1 Jun. - 31 Aug. 1967	1967
19680079733	Hydrocarbon-air fuel cells Semiannual technical summary report number 12, 1 Jul. - 31 Dec. 1967	1967
19680079734	Study to determine the feasibility of phase equalization for FM telemetry receivers Final technical report, 1 Jun. - 30 Nov. 1967	1967
19680079736	Index of environmental test equipment in government establishments	1967
19680079741	Development of transistorised I.F. equipment. Part 1 - General purpose I.F. amplifier Research report, Apr. 1963 - Apr. 1966	1967
19680079742	Reactor development, physical research, and biology and medicine Status and progress report, Apr. 1967	1967
19680079748	Calculation of a repulsive Hartree-Fock Cu-Cu potential	1967
19680079750	Computer synthesis of wide-band impedance-matching networks	1967
19680079752	Amplifiers for use with cooled IR detectors Annual research report	1967
19680079753	Addendum A to a bibliography of aerospace valve and fluid component technology	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079759	Production engineering of metal parts for the TOW missile launch rocket motor XM114 Final report	1967
19680079767	Current synthesis in a directive, continuous- source antenna with possible current constraints	1967
19680079768	Investigation of fast wave beam/plasma interactions Quarterly report, 1 Sep. - 30 Nov. 1967	1967
19680079769	Subsonic static stability characteristics of the unpowered 1/8.5-scale model EA-6B with and without stores determined from wind-tunnel tests	1967
19680079771	Development of a 0.5 to 2.1 GHz low-noise permanent-magnet traveling-wave amplifier with integral power supply Final report	1967
19680079776	Research and development of new and improved cutting tool materials Interim engineering progress report, 1 Oct. - 31 Dec. 1967	1967
19680079778	Effects of sustainer rocket nozzle diameter and location on the power-on base pressure of a body revolution with concentric boost sustainer rocket nozzles at transonic speeds	1967
19680079779	Test set, drop shock, WOX-126C	1967
19680079781	Piezoelectric accelerometer signal error in complex shock recordings	1967
19680079788	Hazard evaluation of large solid rocket motors Status report	1967
19680079792	Space encounter modeling study Final technical report, Dec. 1965 - Dec. 1966	1967
19680079794	Selection of the process of development for unresolved images	1967
19680079795	Lattice vacancies and vacancy-impurity atom interaction in noble metals and their alloys. Calorimetric investigation on lattice vacancies Final technical report	1967
19680079797	Study to obtain design data for reentry ECM antenna systems, volume 1	1967
19680079798	Supporting studies to establish safety design criteria for storage and processing of explosive materials Quarterly report, 1 Oct. - 31 Dec. 1967	1967
19680079799	Analytical and experimental investigations of lidar for meteorological application	1967
19680079800	Structural response of identical glass- reinforced plastic pressure hull models to external hydrostatic and short-term and long- term cyclic pressure loadings	1967
19680079801	Bionics self-adaptation capability Final report, Feb. 1965 - Oct. 1966	1967
19680079805	Stagnation point heat transfer from a viscous nongray radiating shock layer including the applicability of step model absorption coefficients and sensitivity to uncertainties in transport properties	1967
19680079808	A calibration of the dissipation function based on equilibrium turbulent boundary layer data	1967
19680079810	Improve Ka-band mixer diodes for use in ECM frequency converters Final technical report, 1 Nov. 1966 - 31 Oct. 1967	1967
19680079811	Active isolation of vehicle equipment from shock and vibration	1967
19680079816	Low amplitude shock initiation of burning in high explosives	1967
19680079818	Digital computer solution of aircraft longitudinal and lateral-directional dynamic characteristics	1967
19680079819	Development of manufacturing methods for improved delay lines Final report, 23 Dec. 1963 - 31 May 1967	1967
19680079820	Proceedings of the Noretip Stress Analysis Technical Interchange Meeting	1967
19680079821	Reentry vehicle nosetip stress analysis	1967
19680079822	Finite element analysis of generalized orthotropic axisymmetric solids	1967
19680079823	Data management concepts for automated analysis and design tools	1967
19680079825	Analytical techniques for nosetip stress analysis	1967
19680079826	Verification of stress analysis techniques	1967
19680079827	Application of safe program to nosetip design	1967
19680079828	Applications to nosetip design	1967
19680079829	Materials' properties and testing	1967
19680079830	Structural analysis of high performance graphite nosetips	1967
19680079832	Single crystal perovskites as electrooptically active materials	1967
19680079834	Ceramic memory for ordnance fuzing Final report, Apr. - Aug. 1967	1967
19680079839	Elastic moduli and internal friction of some uranium ceramics	1967
19680079840	A high speed quenching apparatus using mercury as a quenching medium	1967
19680079841	The analysis of a log-periodic zig-zag antenna	1967
19680079842	Theoretical and empirical analyses of thick skinned swept wing panels	1967
19680079846	The threat of sonic booms to explosives facilities	1967
19680079847	Production engineering measure for subminiature feed-thru ceramic dielectric capacitors Quarterly report, 23 Sep. - 29 Dec. 1967	1967
19680079850	Surface currents induced by a plane wave on a parabolic cylinder with a focal length comparable to the incident wavelength	1967
19680079851	The effect of pressure on the autoignition of octahydro-1, 3, 5, 7, tetranitro-1, 3, 5, 7,-tetrazine /HMX/	1967
19680079852	Comparison of theoretical and experimental stresses in an F8U-3 airplane wing loaded in torsion	1967
19680079855	The propagation of a guided slow electromagnetic wave in a cold dense magnetized plasma slab	1967
19680079856	On-line computer control of a triple axis neutron diffractometer	1967
19680079859	Free jet starting loads investigation Data test report, 28 Feb. - 17 Mar. 1967	1967
19680079860	Thermocouple junction pressure transducers Final technical report, Sep. 1966 - May 1967	1967
19680079862	Furnace design and calibration of a high-temperature continuous photograph powder X-ray camera	1967
19680079868	Short range forecast techniques. 9 - Kinematic interpretation of pressure and height change fields	1967
19680079869	Performance of GE Y-1124 planar triode at high anode voltage in C-band reentrant cavity	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079877	An experimental microwave imaging system using preformed beams	1967
19680079881	Weighting factor computer program for mean areal rainfall determination, precipitation physics project	1967
19680079882	A high temperature furnace for compatibility studies	1967
19680079883	The measure of time-of-flight using 300 Mc/s scalars	1967
19680079887	Recent developments in flooring for hazardous areas	1967
19680079892	Research to determine the effects of surface catalyticity on materials behavior in dissociated gas streams Quarterly progress report	1967
19680079893	A study for determining the feasibility of advancing the technological status of the Saturn 5 Mobile Service Structure /MSS/. Task "E" - Contingency capability for ordnance replacement	1967
19680079894	A study for determining the feasibility of advancing the technological status of the Saturn 5 Mobile Service Structure /MSS/. Task "E" - Contingency capability for ordnance replacement, appendix	1967
19680079895	The mechanism and kinetics of growth of the superconducting compound Nb ₃ Sn	1967
19680079898	A cylindrical shell containing a peripheral crack	1967
19680079899	A parametric comparison of aircraft inertial navigation systems, volume 2	1967
19680079904	Early Orbital Space Station /EOSS/ Research and technology report, 15 Mar. - 15 Oct. 1967	1967
19680079905	Modification of 16.5 GHz side looking radar system Final report, phase 1	1967
19680079907	Observation of ion bombardment damage in silicon	1967
19680079908	Calcination processes in oxides	1967
19680079916	Critical Alfvén-Mach numbers for transverse field MHD shock	1967
19680079925	Static electricity elimination from detonable gas explosion balloons Final report, 23 Dec. 1966 - 30 Apr. 1967	1967
19680079927	Plutonium chalcogenides	1967
19680079936	Area waves in a theta pinch	1967
19680079939	Protective coating system for a regeneratively cooled thrust chamber Final report, 1 Jul. - 31 Oct. 1967	1967
19680079940	S-4B station module study Technical summary, 15 Mar. - 15 Oct. 1967	1967
19680079941	S-4B station module study experiments program report - Appendixes	1967
19680079945	Prediction of three million pound thrust nozzle insulation performance Final report	1967
19680079948	Departures from local thermodynamic equilibrium	1967
19680079949	Use of a birefringent plate to control the spectral emission of a ruby laser	1967
19680079950	Screening of reaction rates. Volume 1 - Technical analysis Final report, phase 2	1967
19680079952	Infrared observations of Eta Carinae	1967
19680079953	Production engineering measure for improved reliability of hermetically sealed tantalum foil capacitors Quarterly report, 20 Sep. - 20 Dec. 1967	1967
19680079954	A comparison of four non-divergent wind fields	1967
19680079955	The meteorological effect on ice in the Gulf of St. Lawrence	1967
19680079956	Complex mixing models for chemical reaction systems Final report, 1 May 1965 - 1 May 1967	1967
19680079959	Fourth ICRPG Combustion Conference. Volume 1 - Expanded abstracts and slides	1967
19680079960	Stability and performance comparison of the M-1 injector with and without baffles	1967
19680079961	Attenuation of tangential combustion instability in an ablative, hypergolic bipropellant 1750 lb thrust rocket engine	1967
19680079962	Some injector element detail effects on screech in hydrogen-oxygen rockets	1967
19680079963	Chamber shape effects on combustion instability	1967
19680079964	Excitation chamber - Combustion response for liquid rocket injectors. Part 1 - Experimental	1967
19680079967	Effect of combustor parameters on the stability of gaseous hydrogen-liquid oxygen engine	1967
19680079968	The effect of dissolved gas on the stability of pressure-fed rockets	1967
19680079970	Acoustic liner studies at the Lewis Research Center	1967
19680079971	Absorbing liners for storable propellant rocket engines. Part 1 - Uncooled liner tests	1967
19680079972	Combustion chamber velocity effects on acoustic liners	1967
19680079973	A theoretical study of nonlinear dissipation in acoustic liners	1967
19680079974	Combustion instability analysis with improved droplet dynamics	1967
19680079975	Continuing extensions of the Priem-Guentert combustion instability model for liquid rocket engines	1967
19680079976	Extensions and applications of the linear sensitive time lag theory	1967
19680079977	Axial and transversal shock wave instability using the n, tau model	1967
19680079978	Experimental verification of a double-dead- time model describing chugging in liquid- bipropellant rocket engines	1967
19680079979	Evaluation of dynamic behavior of rocket engines by use of thermochemical data and the analog computer	1967
19680079980	The potential of the Priem type combustion instability theory in the design of dynamically stable rocket engines	1967
19680079981	Investigation of liquid propellants in high pressure and high temperature gaseous environments	1967
19680079982	An experimental study of bipropellant droplet combustion at high pressures	1967
19680079983	Spray detonations	1967
19680079984	Some effects of near-wall injection on steady and nonsteady liquid rocket combustion behavior	1967
19680079985	A nonlinear mathematical model of transverse mode of combustion instability in rocket motors	1967
19680079986	Simulation of droplet vaporization and jet breakup in a tangential mode environment	1967
19680079987	Experimental and theoretical study of a mechanically disturbed two-phase liquid jet	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079988	Flow visualization of an oxygen-hydrogen combustion	1967
19680079989	Use of an acoustic liner to attenuate flow-light hydrocarbon instability	1967
19680079990	Mixture ratio survey technique based on propellant temperature differences	1967
19680079991	Effect of additives on hydrazine droplet combustion	1967
19680079992	Dynamics of liquid and solid particles	1967
19680079993	Combustion stability of metalized gelled propellants	1967
19680079994	An experiment on particulate damping in a two-dimensional hydrogen-oxygen combustor	1967
19680079995	Where do we stand - What is needed?	1967
19680079996	Acoustic response of composite solid propellants	1967
19680079997	A comparison of analysis and experiment for the response function of a burning surface	1967
19680079998	The effect of oxidizer particle size on nonacoustic instability	1967
19680079999	Additive effects in pressure and velocity coupled solid rocket instability	1967
19680080000	An experimental program for the prefiring prediction of acoustic instability in solid propellant rocket motors	1967
19680080001	A technique for measurement of solid propellant burning rates during rapid pressure transients	1967
19680080002	Instability characteristics of extinguishable propellants	1967
19680080003	Motor firing results /260-SL-3/	1967
19680080004	Comparative extinction characteristics of fluorocarbon and conventional propellants	1967
19680080005	The relationship between combustion extinction behavior and the combustion instability characteristics of solid propellants	1967
19680080006	Composite solid propellant ignition characteristics	1967
19680080007	Thermal ignition thresholds of solid rocket propellants - Arc image application of improved statistical ignition criterion	1967
19680080009	Study of heat transfer characteristics of hot- gas igniters	1967
19680080010	Ignition heat transfer studies of solid propellant igniters	1967
19680080011	Effects of igniter and motor characteristics on the ignition transient of a solid rocket engine - Computer predictions and test firings	1967
19680080012	Fulfillment of solid propellant ignition requirements by pyrogen igniters	1967
19680080013	The erosive burning behavior of selected composite propellants	1967
19680080014	An experimental study of the effect of solid ingredient particle size on burning rates of composite solid propellants in acceleration fields	1967
19680080015	Decomposition kinetics of PBAA propellants	1967
19680080016	Flame temperature profile of ammonium perchlorate fuel binder sandwiches	1967
19680080017	Temperature profile measurements in a composite solid propellant flame	1967
19680080018	Effects of oxidizer particle size on composite solid propellant burning - Normal burning, plateau burning and intermediate pressure extinction	1967
19680080019	Heterogeneous ammonium perchlorate decomposition at high temperatures and low pressures using pulsed laser mass spectrometry	1967
19680080020	Use of recalescence to estimate temperatures of burning metal droplets	1967
19680080021	Continuing studies of the combustion of ammonium perchlorate	1967
19680080022	The decomposition of crystalline and granular ammonium perchlorate	1967
19680080023	Surface pyrolysis studies of composite solid propellant ingredients	1967
19680080024	Decomposition studies of CMDB propellant ingredients	1967
19680080028	Preliminary report of the initiation of various types of electroexplosive devices by induced lightning	1967
19680080030	Manufacturing methods applicable to 108-bit magnetic wire mass memory Interim engineering progress report, 1 Oct. - 31 Dec. 1967	1967
19680080036	Early Orbital Space Station /EOSS/ technical report	1967
19680080037	Early Orbital Space Station /EOSS/ technical report - Appendixes	1967
19680080038	S-4B station module study experiments program report	1967
19680080039	The tunnel diode superregenerative mixer	1967
19680080041	Early Orbital Space Station /EOSS/ development plan	1967
19680080043	Annual report, 1967	1967
19680080044	Process development of large, close tolerance forgings of nickel base superalloys Final report, 1 Jul. 1965 - 31 Dec. 1967	1967
19680080045	Evaluation of selected titanium alloys as a function of environment and heat treatment Final report	1967
19680080054	A study for determining the feasibility of advancing the technological status of the Saturn 5 Mobile Service Structure /MSS/- Task "D" - Payload handling capability	1967
19680080055	A study for determining the feasibility of advancing the technological status of the Saturn 5 Mobile Service Structure /MSS/. Task "A" - Modification of platform annuli	1967
19680080060	Wind tunnel modeling of flow and diffusion over San Nicolas Island, California	1967
19680080065	Morphology and kinetics of precipitation in alloys of uranium-aluminum and uranium-iron- aluminum	1967
19680080067	Recent progress in the application of nuclear photographic emulsions to the study of elementary particles	1967
19680080070	Stability of general plasma equilibria Part 1 - Formal theory	1967
19680080074	Development and fabrication of radiation resistant high efficiency solar cells Final report, 24 Aug. 1966 - 24 Aug. 1967	1967
19680080079	Speech Transmission Laboratory Quarterly progress and status report, Apr. - Sep. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080080	Theory of speech analysis	1967
19680080081	Speech production	1967
19680080082	Speech perception	1967
19680080083	Speech synthesis	1967
19680080084	Design and fabrication of a prototype of an X-ray emission spectrograph Final report, Sep. 1966 - Sep. 1967	1967
19680080092	Ammonium perchlorate - Its decomposition and combustion	1967
19680080093	The effect of some additives on the thermal decomposition of ammonium perchlorate	1967
19680080094	Burning of ammonium perchlorate at atmospheric pressure	1967
19680080095	The effect of some metal oxides on the composition of the products of the thermal decomposition of ammonium perchlorate	1967
19680080096	Measurement of the ratio of charge form factors for stable lithium isotopes by electron scattering	1967
19680080097	The use of the generalized inverse in the general linear statistical model	1967
19680080098	The significance of peak pressure and positive phase duration under maximum loading of an elastically resilient system	1967
19680080103	Seismic communications to underground sites. Sterling Hill Mine experiments	1967
19680080104	Safety in pyrotechnic manufacture	1967
19680080109	Biosatellite program, issue 25 Final summary report	1967
19680080110	An algorithm for the solution of linear programming problems using step-by-step addition of constraints	1967
19680080111	The bare surface effect in cryogenic pumping	1967
19680080112	Finite-amplitude standing waves in rigid-walled tubes	1967
19680080114	The ion cyclotron drift loss-cone instability in mirror magnetic wells	1967
19680080116	Corrosion-resistant cladding for 7076-T6, phase 2 Quarterly report, 1 May - 1 Aug. 1967	1967
19680080130	Construction and calibration of a mass spectrometer for the analysis of light ions	1967
19680080131	Experimental analysis of a plastic model multicell cantilever box beam with 30 deg sweep	1967
19680080133	Receiver design for a short range, precise, navigation system	1967
19680080134	Drag of spheres in dilute aqueous solutions of poly/ethylene oxide/ within the region of the critical Reynolds number	1967
19680080135	Electrical processes during cavitation	1967
19680080137	Production engineering measure for low field magnetron BL-234C, section 1 Final progress report, 28 Apr. 1965 - 29 Sep. 1967	1967
19680080138	Collisions of electrons and ions with hydrogen atoms Final report, 8 May 1966 - 7 May 1967	1967
19680080139	Ionization of H/1s/ near threshold	1967
19680080140	Direct and autoionization of hydrogen near threshold	1967
19680080141	Angular dependence of resonance structure in atomic hydrogen	1967
19680080142	Lowest 1s and 3p scattering resonances in the e-H system	1967
19680080143	Surfaces used in high resolution electron spectrometry	1967
19680080144	Lyman-alpha production and polarization in He plus-H and H2 collisions	1967
19680080145	Differential charge-transfer cross section for collisions of H plus on O2	1967
19680080149	Electron ionization cross sections Quarterly technical management report number 1	1967
19680080150	Process variables in metal extrusion. Part 1 - Linear friction during extrusion Technical report, 1 Aug. 1966 - 30 Jun. 1967	1967
19680080151	Computer program for sizing gas turbine counterflow regenerators	1967
19680080156	Computer program for Fourier analysis and filtering	1967
19680080159	Sun-end EVA film-retrieval evaluation, augmentation task no. 18 Final report, May - Jun. 1967	1967
19680080160	Acoustic interaction with the positive column of a neon glow discharge	1967
19680080164	Apollo/Saturn 5 S/5 turnaround from scrub AS-501	1967
19680080166	Investigation of shear lag in heat exchanger module	1967
19680080168	Mechanisms for electronic excitation in hypersonic reentry	1967
19680080172	Saturn 5 Semiannual progress report, 1 Jul. - 31 Dec. 1966	1967
19680080176	Voltage regulation and conversion in unconventional electrical generator systems Final report, 17 Jun. 1966 - 16 Oct. 1967	1967
19680080178	Bibliography on the numerical solution of integral and differential equations and related topics	1967
19680080179	Fabrication of an atmosphere regeneration system, volume 2, appendixes	1967
19680080181	High intensity laser propagation in the atmosphere Semiannual report, 1 Mar. - 31 Aug. 1967	1967
19680080185	Angular resolution of a passive two-antenna system	1967
19680080186	The chemistry of electrons in pure air hypersonic wakes	1967
19680080187	Aircraft fuel systems design study Final report	1967
19680080188	Emergency control of boundary layer on aircraft wings by propellant energy - PAD antistall. PAD two-phase boundary layer and its drag reduction characteristics /part 2/	1967
19680080189	Structural analysis of a reentry vehicle type shell - Comparison between theory and experiment. Volume 1 - Static analysis of a complex shell structure under asymmetric loading Technical report, Sep- 1966 - Apr. 1967	1967
19680080192	Development of low cost inertial gyro Technical report, 12 May 1966 - 1 Jun. 1967	1967
19680080193	Surveyor SC-5 review committee report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080196	Preferred-circuit techniques for tunnel-diode amplifiers	1967
19680080197	Apollo/Saturn 5 S/5 flight readiness test AS-501	1967
19680080201	Army advanced AFSC study Final technical report, 1 Mar. 1965 - 1 Mar. 1967	1967
19680080202	Ground Launched Optical Observation Projectile /GLOOP/ Final report, 5 Oct. 1966 - 4 Apr. 1967	1967
19680080203	Arctic kit for use with aircraft wire dispenser set AN/ATE-1, development phase	1967
19680080204	Kinetic processes in hypersonic wakes	1967
19680080205	A feasibility study of a photodetachment experiment for the far wake of hypervelocity projectiles	1967
19680080206	TEM digital ferrite phase shifters Quarterly progress report, 1 Sep. - 30 Dec. 1966	1967
19680080207	Linewidth of the 5 cm-1 rotational absorption in nitric oxide	1967
19680080208	Aerophysics research based on free flight range measurements	1967
19680080211	A shock tube study of nitrogen dissociation using vacuum ultraviolet light absorption	1967
19680080212	Physical properties of new high temperature polymers and the relationships between chemical structure and their properties Technical report, 15 Jun. 1965 - 15 Jun. 1966	1967
19680080226	Mediterranean /486L/ communications system. Part 2 - ETNIC, phase 5 Final test report	1967
19680080230	Proceedings of the Air Force Rocket Propulsion Laboratory Two-Phase Flow Conference	1967
19680080231	Oxide particles in solid rocket exhausts - Their formation and growth /U/	1967
19680080232	Aluminum droplet combustion and condensed phase products /U/	1967
19680080233	Metallic fuel agglomeration and its potential role in determining rocket motor performance /U/	1967
19680080234	Theory of particle agglomeration, mean size determination, and chamber coagulation in rocket motors	1967
19680080235	Part 1 - Review of particle size determination techniques. Part 2 - Temperature, extinction, and scattering measurements /U/	1967
19680080236	Review of grab sampling techniques /U/	1967
19680080237	Recent measurements at JPL of particle size of Al ₂ O ₃ from small rocket motors /U/	1967
19680080238	Pitot-probe measurements of drop sizes	1967
19680080239	Summary results of particle size measurements	1967
19680080240	Analytical and experimental studies of nozzle performance and Al ₂ O ₃ particle size	1967
19680080241	Techniques for particle characterization	1967
19680080243	Holographic particle sizing	1967
19680080244	An experiment concerning the evaporation and condensation of platinum at high temperatures	1967
19680080245	Review of two phase flow results /U/	1967
19680080246	Proceedings of the Air Force Rocket Propulsion Laboratory Two-Phase Flow Conference	1967
19680080247	The role of approximate analytical results in the study of two-phase flow in nozzles	1967
19680080248	Nonequilibrium phenomena of two-phase nozzle flows	1967
19680080249	Gas-particle flow in convergent nozzles at high loading ratios /U/	1967
19680080250	Part 1 - Turbulent mixing of gas-particle and pure gas streams. Part 2 - Ignition and combustion of a boron particle under air augmentation conditions /U/	1967
19680080251	Two-phase flow effects in solid propellant rocket plumes	1967
19680080252	Radiation from particle laden plumes /U/	1967
19680080253	Experimental measurements of solid propellant rocket exhaust effects at high altitudes. Part 1 - Radiance and impingement characteristics of Saturn auxiliary solid rocket plumes. Part 2 - Impingement pressures, forces, and heat transfer rates in high altitude metalized solid propellant rocket exhaust plumes	1967
19680080254	Shock tube studies of hypervelocity impact phenomena /U/	1967
19680080255	Effects of impingement of rocket exhaust gases and solid particles on a spacecraft	1967
19680080256	A laser-Doppler technique for the measurement of particle velocity in gas-particle two-phase flow	1967
19680080257	The measurement of gas and particle temperature in rocket motor chambers and exhaust plumes	1967
19680080258	Underexpanded gas-particle jets	1967
19680080259	Particle drag coefficient in gas-particle flows	1967
19680080260	Shock tube determination of the drag coefficient of small spherical particles	1967
19680080261	Comments on two phase flow in the rocket chamber	1967
19680080262	Methods for predicting particle behavior in two-phase flow	1967
19680080263	An experimental study of the drag coefficient of burning aluminum droplets	1967
19680080282	Positive expulsion of liquid propellants from rolling metal bladders /U/	1967
19680080291	Applications studies for the dual mode, fixed geometry, hydrogen fueled scramjet. Volume 2 - Evaluations of engine and vehicle configurations /U/ Final report, 16 May 1966 - 1 Sep. 1967	1967
19680080325	Superconducting bodybound gyro test and evaluation /U/ Final report, 10 May 1965 - 31 Jul. 1966	1967
19680080329	A spline-function asymptotic maximum-likelihood technique for real-time target tracking and trajectory analysis /U/	1967
19680080331	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments. RIFT tank test Quarterly progress report, 1 Aug. - 31 Oct. 1967	1967
19680080340	Effects of streamwise gaps, hull flow and propeller slipstream upon the aerodynamic characteristics of a family of low-aspect ratio, all-moveable control surfaces Final report	1967
19680080352	Design of double Gauss systems using aspherics	1967
19680080356	Thermal contact conductance of arbitrary surfaces against a reference surface	1967
19680080359	Automatic lens design using NATO- designated standard glasses	1967
19680080404	High-pressure sintering of ferrites Final report, 15 Nov. 1966 - 14 May 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080405	Phase-locked frequency synthesizer	1967
19680080406	Transfer-tape and decal applicators for low-temperature metalizing	1967
19680080407	Stress corrosion of maraging-steel weldments in sea water	1967
19680080408	Effect of residual elements on the notch toughness of 12Ni-5Cr-3Mo maraging steels	1967
19680080409	BeO ceramics for microwave applications Quarterly report, 10 Oct. 1966 - 10 Jan. 1967	1967
19680080410	Low-cycle fatigue characteristics of HY-130/T/ weldments	1967
19680080411	Design techniques for TEM networks Final report, 16 Aug. 1966 - 15 Apr. 1967	1967
19680080412	Investigation to develop optimum short-term screen tests for integrated circuits	1967
19680080414	A shock tube study of the vibrational relaxation of nitrogen using vacuum ultraviolet light absorption	1967
19680080415	Advanced tuning techniques Quarterly report, 1 Nov. 1966 - 30 Jan. 1967	1967
19680080416	Study of thin-film interference reduction techniques Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19680080417	RF panoramic recording techniques Final report, 1 Jan. - 17 Apr. 1967	1967
19680080418	High speed microwave switches Final report, 1 Jun. 1965 - 28 Feb. 1967	1967
19680080419	Studies and investigations leading to the design of a radio direction finder system for the MF-HF-VHF range Final report, 1 May 1965 - 31 Jan. 1967	1967
19680080420	Effects of cold-deformation and stress-relief treatments on the mechanical properties of standard and low-manganese HY-130/T/ steels	1967
19680080421	Development and fabrication of mechanically compensated crystal units Final report, 1 Jul. 1965 - 31 Dec. 1966	1967
19680080422	Hydrocarbon-air fuel cell Semiannual report, 1 Aug. - 31 Dec. 1966	1967
19680080425	High speed electronic tuning techniques Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19680080426	Signaling and Supervision Techniques Study /SSTS/ Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19680080427	Sliding behavior of solid materials in ultrahigh vacuum Summary report, 1 Mar. - 31 Dec. 1966	1967
19680080428	Stress-corrosion-cracking tests of HY-180/210 steels and weld metals	1967
19680080429	Research on use of ozone and other agents in a controlled materials degradation concept Final report	1967
19680080430	Organic films for discrete elements for RC networks Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19680080431	A holographic approach to read-only memory Progress report, Oct. 1965 - Dec. 1966	1967
19680080432	Computer-oriented display memory Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19680080433	Hybrid piezoelectric devices Quarterly report, 16 Aug. - 15 Nov. 1966	1967
19680080434	Microwave N-port ferrite circulators Interim progress report, 1 Jul. - 1 Nov. 1966	1967
19680080435	Content-addressable memory techniques Quarterly engineering progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19680080436	Electroacoustic coincident pulse storage techniques Quarterly technical report, 1 Nov. 1966 - 31 Jan. 1967	1967
19680080437	Investigation of high-power beam plasma interactions Quarterly report, 15 Dec. 1966 - 14 Mar. 1967	1967
19680080438	Radar investigation of the wakes of blunt and slender hypersonic-velocity projectiles in a ballistic range	1967
19680080439	Development of an HY-110 weldment Progress report, 1 Jan. - 30 Jun. 1967	1967
19680080440	Tropical service life of electronic parts and materials Quarterly progress report, 1 Jun. - 31 Aug. 1966	1967
19680080441	Wide scale microammeters Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19680080442	Ferroelectric whisker materials Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19680080443	UHF integrated circuit technology Quarterly report, 15 Oct. 1966 - 15 Jan. 1967	1967
19680080444	Studies and investigations leading to the design of a radio direction finder system for the MF-HF-VHF range Quarterly technical report, 1 May - 31 Aug. 1966	1967
19680080445	Effects of composition on the mechanical properties of experimental HY-180/210 maraging steel weld metals	1967
19680080446	Extended investigation of HY-130/150 weldments Progress report, 1 Jan. - 30 Jun. 1967	1967
19680080447	Effects of silicon and manganese on the soundness and mechanical properties of an experimental HY-150 weld metal	1967
19680080448	Low noise tunable VHF frequency converter design Quarterly technical report, 1 Nov. - 31 Dec. 1966	1967
19680080449	Effect of stress-relief treatments on the dimensional stability of HY-130/T/ steel components	1967
19680080450	HF spaced loop antenna Final report	1967
19680080451	Short interaction crossed-field amplifier Quarterly progress report, 1 Sep. - 30 Nov. 1966	1967
19680080452	Evaluation of modified 5Ni-Cr-Mo-V steels as HY-150 steels	1967
19680080453	Precision variable delay lines Quarterly report, 1 Jan. - 1 Apr. 1967	1967
19680080454	Investigation for a first-in first-out data buffer memory Final report, 1 Dec. 1965 - 31 May 1967	1967
19680080455	Hybrid piezoelectric devices Quarterly report, 16 Nov. 1966 - 15 Feb. 1967	1967
19680080456	Explosion-bulge tests of HY-80 and HY-130/T/ weldments fabricated in the vertical position	1967
19680080457	Active filters and delay lines Quarterly report, 1 Dec. 1966 - 28 Feb. 1967	1967
19680080458	Equivalence between single-layered and multilayered shells	1967
19680080459	Corrosion of 12Ni-5Cr-3Mo maraging steel weldments	1967
19680080460	Ferroelectric whisker materials Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19680080461	Miniature snap action push button switch Quarterly report, 15 Mar. 1966 - 14 Feb. 1967	1967
19680080462	Corrosion and stress corrosion of HY-130/T/ steel and HY-80 steel in marine environments	1967
19680080463	Effect of rapid heat treatment parameters on the mechanical properties of 5Ni-Cr-Mo-V steel	1967
19680080464	Microwave N-port ferrite circulators Interim progress report, 1 Nov. 1966 - 1 Mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080465	Explosion-bulge tests of stress-relieved and of quenched and tempered HY-130/T/ weldments	1967
19680080467	Interference reduction in pulses Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19680080468	Dielectrics for high energy storage capacitors Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19680080469	Tests at subsonic and supersonic speeds on a slender cambered wing with fin, underwing engine nacelles and trailing edge controls	1967
19680080471	Use of a cooling tower as a vertical wind tunnel	1967
19680080474	The effect of combined boundary-layer suction and base bleed on the drag of a 10 degree cone at M equals 2.58	1967
19680080475	Localiser guidance characteristics for varying transmitter positions and transmitted pulse lengths in correlation protected I.L.S.	1967
19680080476	Optical signal processing for circular array radars	1967
19680080477	Report on the shearing interferometer	1967
19680080479	Facilities at R.A.E. for the simulation of flight through rain	1967
19680080480	False alarm and false dismissal probabilities for a radar searching a wide interval of range	1967
19680080481	Photon transfer microelectronic device applications Final report, 1 Jun. 1965 - 31 Aug. 1966	1967
19680080482	An evaluation of production plates of HP9-4-25 steel	1967
19680080483	Methanol-air fuel cell Quarterly report, 15 Dec. 1966 - 15 Mar. 1967	1967
19680080484	Block Oriented Random Access Memory /BORAM/ Final report, 15 Aug. 1966 - 14 May 1967	1967
19680080485	Tuned integrated circuits Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19680080486	Stable Permalloy wire memory elements Quarterly report, 1 Feb. - 31 May 1967	1967
19680080487	Tropical service life of electronic parts and materials Quarterly progress report, 1 Sep. - 30 Nov. 1966	1967
19680080491	Fixable photochromic display study Quarterly report, 1 Dec. 1966 - 1 Apr. 1967	1967
19680080492	Distributor-transmitter TT-550/ //GG Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19680080493	Photographic material suitable for in-flight processing Quarterly progress report, 15 Dec. 1966 - 15 Mar. 1967	1967
19680080494	Reed switching devices Quarterly progress report, 30 Jun. - 30 Dec. 1966	1967
19680080495	Compensating resistors for active RC filters Progress report, 1 Mar. - 31 May 1967	1967
19680080496	Data processing using distributed parameter techniques Quarterly report, 1 Jan. - 31 Apr. 1967	1967
19680080497	Single crystals of ferrite and ferro-electric materials Quarterly report, 16 Nov. 1966 - 15 Feb. 1967	1967
19680080501	Precision variable delay lines Quarterly report, 1 Oct. 1966 - 1 Jan. 1967	1967
19680080502	Stable ferrites for RF applications Final report, 1 Jul. - 31 Dec. 1966	1967
19680080504	Canberra PR mk. 9, assessment of the effects of cold soaking on the fuel system	1967
19680080506	A model for the aquaplaning of tyres on wet runways	1967
19680080507	A theoretical investigation into the tuned Hooke's joint gyro	1967
19680080509	Early orbit determination plan and orbit analysis for the satellite Nimbus-B	1967
19680080511	An investigation of the waveform characteristics and subjective effects of sonic and explosive bangs	1967
19680080521	FLAIR. Volume 1 - User's manual	1967
19680080526	FLAIR, volume 3 - The FORTRAN source listing for FLAIR	1967
19680080527	FLAIR, volume 2, part A - Description of output, part B - Output	1967
19680080529	A non-magnetic metal crack detector	1967
19680080530	The visibility of Injun 3 rocket /1962 beta tau 6/ in 1966 - 1968	1967
19680080535	Applicability of inertialess scanning techniques to the design of surveillance radar antennas Semiannual progress report, 1 Feb. - 31 Jul. 1967	1967
19680080541	Interplanetary trajectory error analysis - An introduction and survey. Volume 1 Final report	1967
19680080546	A program for the design and development of a Nimbus B prototype dc/dc converter subsystem Progress report, 1 Jan. - 21 Aug. 1967	1967
19680080547	A design study of two-mirror and three-mirror completely reflecting astronomical telescopes	1967
19680080548	Two state modulation techniques for power systems Semiannual report, 1 Jun. - 1 Dec. 1966	1967
19680080549	Microwave delay lines and materials Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19680080550	Slow-bend K1c testing of medium-strength high-toughness steels	1967
19680080551	Stress-relief embrittlement of HY-130/T/ weld metals	1967
19680080552	Army advanced AFCS study, book 1 Quarterly progress report, 1 Jul. - 31 Oct. 1966	1967
19680080553	Design of microwave filter networks Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19680080554	Signaling and Supervision Techniques Study /SSTS/ Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19680080556	High Pulse Power Injector Laser Semiannual Report, 1 Jul. - 31 Dec. 1966	1967
19680080562	The effect of simulated fission products in the inter-electrode spacing of a thermionic diode Annual report, 1 Nov. 1966 - 31 Oct. 1967	1967
19680080564	Display data generation Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19680080565	Ion laser device research Final report, 1 Jan. - 31 Dec. 1966	1967
19680080566	Hybrid piezoelectric devices Final report, 15 May 1964 - 15 May 1967	1967
19680080567	Magneto-optic display panel with memory Final report, 1 Jul. 1965 - 1 Oct. 1966	1967
19680080568	Low noise tunable VHF frequency converter design Annual report, 1 Jul. 1965 - 31 Oct. 1966	1967
19680080572	Correlation theory and its application in acoustics	1967
19680080576	Calculation of unsteady flows due to small motions of cylinders in a viscous fluid	1967
19680080578	Small strain modulus and Poisson's ratio in viscoelastic materials	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080579	Feasibility study of shielding techniques Quarterly report, 1 Sep. - 30 Nov. 1966	1967
19680080580	Investigation of hydrazine-air fuel cell systems Progress report, 15 Aug. - 15 Nov. 1966	1967
19680080581	Single crystals of ferrite and ferroelectric materials Quarterly progress report, 16 Feb. - 15 May 1967	1967
19680080582	Army advanced AFCS study, book 2 Quarterly report, 1 Jul. - 31 Oct. 1966	1967
19680080584	Development of an HY-180/210 weldment Progress report, 1 Jan. - 30 Jun. 1967	1967
19680080586	Interior ballistics of high-velocity guns. Experimental program - Phase 1	1967
19680080591	High performance automatic direction finder study Quarterly progress report, 15 Dec. 1966 - 14 Mar. 1967	1967
19680080595	Development of coatings for protection of high-strength tantalum alloys in severe high- temperature environments Final summary report, 1 Jun. 1966 - 31 Jul. 1967	1967
19680080602	A theoretical investigation of finite amplitude standing waves in rigid walled cavities	1967
19680080605	Antenna switching matrix Final report, 1 May 1966 - 1 Jun. 1967	1967
19680080606	Ion chemistry Final report, 1 Nov. 1965 - 31 Oct. 1967	1967
19680080608	What are loading actions?	1967
19680080609	Loading actions from the designer's viewpoint	1967
19680080610	Aerodynamic data for loading action studies	1967
19680080611	Flight and ground load measurements	1967
19680080612	Operational research on loading actions	1967
19680080613	Asymmetric manoeuvres of high-speed aircraft	1967
19680080614	A survey of ground load problems	1967
19680080617	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Sep. - 30 Nov. 1967	1967
19680080622	The use of conductive mixes in electro- explosive devices	1967
19680080625	Study of a design concept for a solid state transmitter power amplifier applicable to the loran-D system Final technical report, 16 Sep. 1966 - 16 Mar. 1967	1967
19680080628	Piezoelectric thin film transducers Final report, 1 Oct. 1964 - 30 Sep. 1967	1967
19680080639	A method for the fast measurement of the permeability of glass fibers	1967
19680080641	Cartographic design standards - A preliminary investigation Final report, Feb. 1967 - Feb. 1968	1967
19680080642	The relationship between the optical and the electrical properties of ionospheric layers	1967
19680080643	Development of an instrumentation technique to measure engine high frequency vibration Final report	1967
19680080645	An investigation of the performance and mixing phenomena associated with a supersonic exhauster interacting with subsonic secondary flow	1967
19680080646	Variable capacitance diode production engineering measures program Quarterly report, 18 Aug. - 17 Nov. 1967	1967
19680080647	Optical technology program Interim technical report, 1 Oct. - 31 Dec. 1967	1967
19680080648	Introduction to infrared radiometric techniques	1967
19680080654	Operating conditions of thermoelectric refrigeration units supplied with dc ripple current	1967
19680080656	Data-theoretical comparison of analog and digital measurement	1967
19680080665	Formation of moving and stationary detonation waves in flowing combustible mixtures	1967
19680080670	Infrared and Raman spectroscopic studies on field substituted phenyl-dimethyl-hydrogen silanes	1967
19680080673	On the flow field beneath a moving pressure distribution over the sea	1967
19680080677	Radiation and reception of electromagnetic energy from aircraft and guided missiles Final report, Jan. 1965 - Dec. 1967	1967
19680080678	Development of a point deformation rolling mill Interim engineering progress, 1 Jul. - 31 Dec. 1967	1967
19680080681	The determination of the dynamic response of a small swept wing jet fighter to atmospheric turbulence using the power spectrum method of analysis	1967
19680080682	Work-to-break of various experimental parachute suspension lines Final report	1967
19680080683	The cycles of cyclic group codes	1967
19680080684	Gallium arsenide infrared lamp Interim technical report, 12 Jan. - 11 Apr. 1967	1967
19680080686	Summary of solid lubricant research by Rock Island Arsenal Research Laboratories	1967
19680080690	Study of a C-11 instrument flight trainer as a variable stability model and simulator for studies in flight dynamics	1967
19680080695	Further results on the occurrence of fading in the propagation of ultrashort waves through the tropopause	1967
19680080703	A parametric study of the radiant energy flux to the fuel surface during hybrid combustion	1967
19680080707	A high power microwave diode phase shifter Quarterly progress report, 16 Sep. - 15 Dec. 1967	1967
19680080709	Approximation by complete and incomplete sets of harmonic polynomials Final report	1967
19680080714	Buckling of web-stiffened sandwich cylindrical shells	1967
19680080719	Multipactor discharge experiments	1967
19680080722	A forced oscillation system for measuring damping derivatives at subsonic and transonic speeds	1967
19680080723	Performance evaluation of the General Electric BEDAC forward acting error control equipment with the Mitre Error Control Equipment Evaluation Facility	1967
19680080724	Performance evaluation of the IBM forward acting error control equipment with the Mitre Error Control Equipment Evaluation Facility	1967
19680080728	Supersonic axial velocity compressor study. Volume 4 - Two-dimensional cascade test results Final report, Sep. 1965 - Apr. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080736	Multiple Thrust Level Trajectories for Minimum Propellant Consumption	1967
19680080738	The Hall coefficient of indium in thin evaporated films	1967
19680080739	Investigation of the thermodynamic properties of rocket combustion products Final report, Jul. 24, 1966 - Jul. 24, 1967	1967
19680080745	An experimental and analytical study of jet flap hydrodynamics for application to submarine control surfaces Final technical report, Jun. 1965 - Nov. 1967	1967
19680080748	Study of the surface films of gas nuclei /as related to cavitation and tensile strength in water/. Part 4 - Dissolving of gas nuclei in turbulent flow Final report, Jan. - Dec. 1967	1967
19680080750	Work sponsored by the Fuels and Materials Branch Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19680080752	Contributions to the study of the dielectric properties of some plastic materials manufactured from indigenous raw materials	1967
19680080757	Study of grinding process as applied to high-strength and thermal-resistant alloys Interim engineering progress report, 1 Oct. - 31 Dec. 1967	1967
19680080765	High-current density cathodes Quarterly progress report, 1 Sep. - 30 Nov. 1966	1967
19680080766	Thermo-mechanical strengthening of high strength titanium alloys Summary technical report, Jul. 1966 - Aug. 1967	1967
19680080769	Examination of laser action in rough-worked rubies	1967
19680080770	On the phase stability of silicon carbide	1967
19680080775	Engineering design handbook - Design for air transport and airdrop of material	1967
19680080781	New synthetic methods for silicon-nitrogen polymers Technical report, 1 Apr. 1966 - 28 Feb. 1967	1967
19680080782	Chemical vapor deposited materials for electron tubes Quarterly report, 15 Feb. - 31 May 1967	1967
19680080790	The salt deserts of Iran as climatic evidence	1967
19680080794	C-1 engine program, phase 2 development Final design report	1967
19680080795	Collapse strength of HY-130/150 steel spheres Final report	1967
19680080805	High frequency interferometry Quarterly report, 20 Dec. 1966 - 30 Mar. 1967	1967
19680080806	Advanced tuning techniques Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19680080819	Effects of nuclear radiation on silicon carbide diodes Technical report, Aug. 1965 - Mar. 1967	1967
19680080820	Methanol-air fuel cell Quarterly technical report, 15 Sep. - 15 Dec. 1966	1967
19680080832	Remote fan investigations for V/STOL transports, volume 1 /U/ Final technical report, 22 Nov. 1965 - 22 Sep. 1966	1967
19680080833	Feasibility study for a thrust vector control for synchronous satellite /U/ Final report	1967
19680080842	Development of three-dimensional weaving process and equipment Quarterly contract report no. 1	1967
19680080843	Decision information distribution system - Cost-benefits analysis	1967
19680080845	Radio warning system - Operational requirements	1967
19680080846	Production engineering measurements Quarterly reports, 1 Mar. - 30 Nov. 1967	1967
19680080847	Decision information distribution system - Terminal receiver maintenance	1967
19680080848	Decision information distribution system - Distribution transmitter maintenance	1967
19680080849	Survey of contamination in rocket propulsion fluid systems Technical report, Apr. - Sep. 1967	1967
19680080853	T64 component improvement programs Engineering progress status report, 1 Jan. - 31 Dec. 1967	1967
19680080857	UHF radio set Interim engineering report, 26 Aug. - 31 Oct. 1967	1967
19680080858	Phase in the pulsed radar time-stream	1967
19680080859	HF radio set Interim engineering report, 26 Aug. - 31 Oct. 1967	1967
19680080860	Bicomponent chemical finish system for weaving carbon and graphite yarns Technical report, Feb. 1965 - Sep. 1966	1967
19680080861	High performance ablative composites for lifting reentry Quarterly progress report	1967
19680080862	Analysis and evaluation of tactical penetration aids. Penva program - Memorandum report on half-omni antenna development for airborne applications	1967
19680080863	Discriminator, discrete signal MD-736///A	1967
19680080866	Nanosecond time differences by dynamic storage of flip-flop pulses	1967
19680080869	Development of distance measuring equipment modification kit, phase 1 Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680080872	Development of high strength boron filament Technical report, 14 Mar. 1966 - 13 Mar. 1967	1967
19680080881	Analysis and comparison of microdensitometric measurements	1967
19680080885	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, Oct. 1 - Dec. 31, 1967	1967
19680080889	Production engineering measure high speed semiconductor switch /two terminal/ and high speed semiconductor switch /gate/ Quarterly report, 29 Aug. - 29 Nov. 1967	1967
19680080891	Statistical analysis of radar target scintillation	1967
19680080892	Production engineering measure for mechanization of high reliability capacitors Quarterly report, 1 Oct. - 31 Dec. 1967	1967
19680080893	Wing-body interactions at a Mach number of 9.5	1967
19680080898	The Lensii optical design computer program for IBM OS/360, volume 1	1967
19680080899	The Lensii optical design computer program for IBM OS/360, volume 2	1967
19680080901	Larger analog computers with numerical control-system and with numerical printout of the solution	1967
19680080902	Calculations on the annealing of vacancies and vacancy-impurity complexes in quenched gold	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080905	Theory of numbers Final technical report	1967
19680080907	Modular nuclear vehicle study, phase 2. Volume 3 - Nuclear propulsion module - Vehicle design	1967
19680080909	Microwave Device and Physical Electronics Laboratory Quarterly report, Jul. 1 - Sep. 30, 1967	1967
19680080913	Shock processes in collisionless plasmas Final report, 28 Mar. 1966 - 30 Sep. 1967	1967
19680080915	Low noise L-band amplifier production engineering measures study and implementation Quarterly report, 1 Oct. - 30 Dec. 1967	1967
19680080917	Mesometeorological studies of precipitation Annual technical report, 1966-1967	1967
19680080920	An assessment of Soviet information science technology	1967
19680080921	Thermodynamic properties of liquid Mg-Ga, Mg-In and Mg-Tl systems	1967
19680080922	Convergence of approximate natural frequencies of oscillations of a free beam with variable parameters to the exact frequencies of the problem	1967
19680080923	Scaling of fire conditions supporting room flashover Final report, Oct. 1966 - Oct. 1967	1967
19680080924	Plasma focus device study Final report, 15 Dec. 1966 - 15 Jul. 1967	1967
19680080929	Comparison of four solutions to the cinetheodolite problem	1967
19680080937	Time delay electronic fixed relay Interim development report, 30 Jun. - 31 Dec. 1967	1967
19680080939	Production engineering measure for manufacture of meteorological balloons type ML-566/AM Quarterly progress report, 1 Oct. - 31 Dec. 1967	1967
19680080943	Navigation satellite constellations study Final report	1967
19680080949	Supersonic burning and combustion Final report, 1 Feb. 1966 - 31 Mar. 1967	1967
19680081032	Development of nondestructive testing system for analysis and control of residual machining stresses Final technical report, 6 Jan. 1965 - 28 Feb. 1967	1967
19680081038	Parametric relations for the physical environment for use in analysis of the performance of aircraft and ships	1967
19680081042	Laser interferometry measuring system for precision gyro and gas bearing parts Final technical report	1967
19680081047	Fly by wire flight control systems	1967
19680081051	Large high-temperature sandwich structures Interim engineering progress report, 17 Mar. - 16 Jun. 1967	1967
19680081063	Synchronous communications and tracking relay system feasibility study Final study report	1967
19680081075	A simple method for calculating the east limb return date of solar centers of activity	1967
19680081106	Evaluation of tungsten composites for hypersonic vehicles Final technical report, 6 Jul. 1966 - 30 Jun. 1967	1967
19680081107	Need for exhaustive criteria in the simulation of complex problems of manual aircraft control	1967
19680081113	Large high-temperature sandwich structures Interim engineering progress report, 17 Dec. 1966 - 16 Mar. 1967	1967
19680081114	Large high-temperature sandwich structures Interim engineering progress report, 17 Jun. 1966 - 16 Sep. 1967	1967
19680081115	Forecasting solar flares using calcium plage flare history Final report	1967
19680081117	Report of the service test of Goodyear and Goodrich tires used on the F-101B aircraft nose landing gear Interim report	1967
19680081120	Detailed storm acceptance and evaluation criteria. Precipitation physics project	1967
19680081132	The interpretation of elastic scattering in reactive systems	1967
19680081138	Manufacturing in-process control and measuring techniques for integral electronics /geometry and surface contamination control/ Interim engineering progress report, 1 May - 31 Jul. 1967	1967
19680081139	Reliability of White Sands Missile Range radar data Special report	1967
19680081143	Tungsten sheet rolling program Final report, 29 Sep. 1960 - 29 Sep. 1966	1967
19680081144	I.D.C.S.P. - A report on the variations of the received signal to noise ratio due to weather conditions at Christchurch earth station	1967
19680081146	Advanced IR photomultiplier Interim quarterly report, 15 Jun. - 15 Sep. 1967	1967
19680081162	Production engineering measure for subminiature, high reliability ceramic capacitors Quarterly progress report, 1 Oct. - 31 Dec. 1967	1967
19680081164	Transparent components	1967
19680081167	Development of improved cutting tool materials Interim engineering progress report, 15 Sep. - 15 Dec. 1967	1967
19680081175	AIMP-E Orientation Control - Concept, System and Testing	1967
19680081180	A further study of circulation control applied to a helicopter rotor	1967
19680081185	Titanium castings for airframe structural applications	1967
19680081186	Development of a method of preconditioning and/or testing semiconductor components Final report, 29 Jun. 1966 - 29 Nov. 1967	1967
19680081192	Dynamic stability review - Reentry bodies	1967
19680081201	Toxic Hazards Research Unit Annual technical report, 1967	1967
19680081206	Observations on shear test methods of composite materials	1967
19680081208	Foreign Science Bulletin, volume 3, no. 9. A monthly review of selected foreign scientific and technical literature	1967
19680081209	Soviet breeze-forecasting methods	1967
19680081210	Properties of "over-critical" ferromagnetic thin films	1967
19680081211	Doctor Bulanzhe on Soviet gravimetry	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081212	Chemical analysis of ball lightning	1967
19680081215	Compact thermoelectric converter development program - Phase 2B /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680081227	Gunfire tests of coated liquid containers and fire retardant materials /U/ Final report	1967
19680081236	Static stability, drag and pressure distribution data for a slender 9 deg half-angle cone and a cone-cylinder-flare body at Mach numbers of 3.5, 5 and 7.9 /U/	1967
19680081307	Some two-component beta decay measurements	1967
19680081313	C-124 full-scale fatigue test. Volume 2 - Test systems	1967
19680081324	Application of a powder lubrication system to a gas turbine engine, part 3 Technical report, Jun. 1966 - Jun. 1967	1967
19680081329	Radant development techniques Interim technical report, 1 Apr. - 31 Jul. 1967	1967
19680081342	Guide for shielded enclosure construction problems	1967
19680081348	Progress under the Pennsylvania-Princeton- Army avionics research program Annual technical progress report, 1 Jun. 1966 - 31 May 1967	1967
19680081364	The energy content of reactive systems	1967
19680081383	Hydroxide electrodeposition techniques for some actinides from aqueous media	1967
19680081394	Tabulation of dose transmission factors for homogeneous slabs	1967
19680081395	Quantum mechanical studies of the electronic structure and properties of molecules Final technical report	1967
19680081396	The roll-diffusion bonding of structural shapes and panels	1967
19680081400	Problems relating to amido-derivatives of metals and metalloids. Volume 2 - The chemistry of amido-derivatives of titanium, zirconium, and hafnium Final technical report	1967
19680081410	Development of servo-operated fuel injection system Final technical report, Jun. 1966 - Dec. 31, 1967	1967
19680081412	Missile tracking from shock recording	1967
19680081413	Multipath analysis for sonar echoes	1967
19680081419	Radio navigation set AN/SRN-9 /XN-5/ operation and maintenance	1967
19680081421	Air-to-Ground Intervisibility Assessment Program /AGIAP/	1967
19680081440	RF panoramic recording techniques Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19680081445	Improvement of the properties of dispersion strengthened nickel-chromium alloys Annual report, 1 Feb. 1966 - 31 Jan. 1967	1967
19680081451	Rocket antenna multipactor breakdown under dynamic pressure conditions	1967
19680081454	Applications of biophysical heat transfer studies in protection systems	1967
19680081458	Nondestructive methods development for the evaluation of thin and ultrathin sheet materials Final report, 16 Jul. 1966 - 15 Jun. 1967	1967
19680081465	Problems relating to amido-derivatives of metals and metalloids. Volume 1 - Interaction of amido- and hydrido-metal compounds Final technical report, Oct. 1966 - Sep. 1967	1967
19680081493	The development of high-speed non-metallic turbines and their application to nuclear magnetic resonance spectroscopy Annual technical report, Nov. 1966 - Oct. 1967	1967
19680081496	An ultrasonic investigation of viscoelastic fluids	1967
19680081497	Matagorda deposition trials diffusion and deposition of large particles with fall velocities in the range of 10 to 50 cm/sec	1967
19680081498	Study of microplastic properties and dimensional stability of materials Summary report, Jun. 1, 1966 - May 31, 1967	1967
19680081507	Study of the estimation of certain trace impurities by fluorimetric methods Final technical report, Sep. 1966 - Aug. 1967	1967
19680081512	Long-term monthly 500 MB hemispheric means standard deviations, and diurnal variations	1967
19680081515	Operational test and evaluation recovery balloon deflation systems	1967
19680081522	Thrust vector control of rocket engines by gaseous injection - A critical appraisal of theoretical models	1967
19680081526	Sodium boiling and fast reactor safety analysis	1967
19680081528	Photochromic crystal faceplate Interim engineering report, Aug. 1 - Oct. 31, 1967	1967
19680081530	The applicability of special purpose computers to fast Fourier transforms	1967
19680081538	Manufacturing methods and process controls for low cost resonant gate transistors Interim engineering progress report, no. 4, 1 Oct. - 31 Dec. 1967	1967
19680081545	Summary of low-speed wind-tunnel tests of a wing fitted with multiple lifting fans	1967
19680081547	The design of optimum structures of specified basic configuration	1967
19680081549	Large-array signal and noise analysis. Separation of time-overlapping short-period events	1967
19680081550	Advanced thermoelectric program module fabrication development summary report prepared by the Electronic Components and Devices Division, Radio Corporation of America /U/	1967
19680081561	A test generator for electronic chronometers	1967
19680081562	Eigenvalues of the Orr-Sommerfeld equation for laminar flow and some turbulent mean profiles	1967
19680081591	Half-speed bearing whirl excited by a single propagating stall cell in a multi-stage axial-flow compressor	1967
19680081601	A comparative study of discrete time filtering for a non-stationary random input	1967
19680081605	A programme of tests on the drag of excrescences proposed for the 8 feet x 8 feet wind tunnel and a brief analysis of some previous measurements	1967
19680081610	SRI experiments on AFCRL Nike-Cajun rocket AD 6.842 and on Trailblazer 2	1967
19680081611	Detector-cooler integration evaluation, volume 1	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081613	A brief resume of wind tunnel tests on a 1/36 scale model of the SR 53 aircraft with various airbrake configurations	1967
19680081627	Jet effects measured on the tailplane of the Bristol 188 in two supersonic wind tunnels	1967
19680081648	Reentry vehicle technology and observables. General flight test plan /U/	1967
19680081668	The establishment of a temporary immobilization unit for collecting and analyzing physiological data in healthy subjects, volume 2 Final report	1967
19680081676	Single failure point program report	1967
19680081682	Radar backscatter studies Final report	1967
19680081683	Generalized turbulence space correlation and wavenumber spectrum function pairs	1967
19680081684	Time variations of generalized wavenumber spectral functions for turbulence	1967
19680081685	Analytic forms for decaying space/time turbulence functions	1967
19680081686	Experimental studies of plasma turbulence and microwave scattering	1967
19680081687	Plasma scattering parameter analysis	1967
19680081688	Born validity check and lifetime effects on spectral widths	1967
19680081691	Development of a hydrologic redundant system for use in a stabilator actuator, part no. 33000000 Final engineering report, 23 May 1966 - 1 Nov. 1967	1967
19680081694	Investigation of hot phosphatizers. Part 4 - The application of phosphate treatments on spare parts based on actual practice	1967
19680081698	Time resolved measurements of small Doppler shifts	1967
19680081704	Development and production costs for 260 inch dia first stage vehicle Final report	1967
19680081705	Phenomena of diffusion	1967
19680081710	Unsteady aerodynamic forces for general wing/control-surface configurations in subsonic flow. Part 1 - Theoretical development	1967
19680081714	Tabulation of dose transmission factors for two-layer slabs	1967
19680081737	Comparative test of a number of pretreated steels to be coated	1967
19680081750	Absolute gravity measurement by means of AFCRL reversible pendulum apparatus Final report, 15 Aug. 1966 - 15 Aug. 1967	1967
19680081753	Meteorological data. Volume 67, no. 4 - Daily and monthly Northern Hemisphere 30-millibar synoptic weather maps of the year 1966 Quarterly technical status report, Oct. - Dec. 1966	1967
19680081754	Meteorological data. Volume 68, no. 4 - Daily and monthly Northern Hemisphere 10-millibar synoptic weather maps of the year 1966 Quarterly technical status report, Oct. - Dec. 1966	1967
19680081755	Development tendencies in high vacuum engineering	1967
19680081756	Report of work sponsored by the Fuels and Materials Branch Quarterly progress report, 1 Jul. - 30 Sep. 1967	1967
19680081757	Report of work sponsored by the Fuels and Materials Branch Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19680081759	Development and characterization of high temperature coatings for tantalum alloys Interim progress report, 1 Jul. - 30 Sep. 1967	1967
19680081769	Ge-Si heterojunctions as nanosecond switching diodes	1967
19680081770	The manufacture of ferrite core matrices for data storage devices	1967
19680081772	Development of oxidation resistant, high strength, columbium-base alloys Interim engineering progress report, 1 Apr. - 30 Jun. 1967	1967
19680081777	Evaluation of the mechanical properties of 9Ni-4Co forgings Quarterly progress report, May 1 - Aug. 1, 1967	1967
19680081779	Some experiments in using the analog-to- digital converter Metra NR 10	1967
19680081781	Case of precise resonance during movement of charges in a slowly varying spatially modulated magnetic field	1967
19680081782	The Alfa system recognizes situations of a model of an extreme control object	1967
19680081783	Analysis of organosilicon compounds 4. Separation and determination of methylvinylchlorosilanes and vinylchlorosilanes by gas chromatography	1967
19680081786	Pneumatic stream elements	1967
19680081789	Unsteady aerodynamic forces for general wing/control-surface configurations in subsonic flow. Part 2 - Digital computer programs	1967
19680081790	Measurement of Vickers hardness with a load of 1 KGF	1967
19680081795	Study of correlation properties of binary sequences	1967
19680081796	Research on refinement and interpretation of gravity anomaly computation Annual technical progress report, 1 Aug. 1966 - 31 Jul. 1967	1967
19680081797	Low-noise L-band amplifier production engineering measures study and implementation Quarterly report, 14 Apr. - 12 Jul. 1967	1967
19680081798	Phonon and photon paramagnetic resonance lineshapes in ruby	1967
19680081799	A contribution to the measurement of the temperature field and the heat transfer coefficients in air-cooled gas permeated packed columns	1967
19680081802	Irradiation effects on reactor structural materials Quarterly progress report, May - Jul. 1967	1967
19680081803	Theory of impact, stress propagation and dynamic fracture Technical report, 24 Jun. 1963 - 28 Feb. 1967	1967
19680081804	On the 9-point difference formula for Laplace's equation	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081807	A cosmic ray search for fast magnetic charges Semiannual progress report	1967
19680081808	Analytical treatment of a transient method for determination of the thermal conductivity of a hollow right cylinder of solid material	1967
19680081809	The nondestructive testing of graphite fuel element components for the Dragon reactor experiment	1967
19680081810	Some observations of fuel particle coatings at very high magnification	1967
19680081811	Dimensional changes in graphite during high-temperature irradiation in the high flux reactor RCN, Petten	1967
19680081814	The vacuum ultra-violet emission spectrum from highly ionized atoms in laser-produced plasmas	1967
19680081815	Handling procedures for the AMSA 147 promethium oxide heat source capsule	1967
19680081818	Measurement of grain size using ultrasonics Interim report	1967
19680081821	Chemistry and Materials Division Progress report, Jul. 1 - Sep. 30, 1967	1967
19680081822	Research and development Whiteshell Nuclear Research Establishment Progress report, Jul. 1 - Sep. 30, 1967	1967
19680081823	Chemistry Division Progress report, 1 Nov. 1966 - 30 Apr. 1967	1967
19680081824	Scramjet incremental flight test program. Volume 3 - Scramjet propulsion system /U/	1967
19680081831	Hypersonic ramjet heat transfer and cooling program. Volume 4 - Results of structural test model experiments /U/ Final report, 1 Jun. 1965 - 31 Jan. 1967	1967
19680081833	Isotopic power and heat sources. Part 2 - Curium-244, polonium-210, and thulium-170 and thulium-171 /U/ Quarterly progress report, Jul. - Sep. 1967	1967
19680081845	Transport theory for a fully ionized gas using the method of irreversible thermodynamics	1967
19680081846	A study of high-power cable transients using a model	1967
19680081847	The volatility of plutonium carbides, part 1	1967
19680081848	Investigation into the cause of a break in the front wheel of an S-2A airplane	1967
19680081856	Evaluation of the Usefulness of the MOL to Accomplish Early NASA Mission Objectives	1967
19680081857	Evaluation of the usefulness of the MOL to accomplish early NASA mission objectives. Volume 3 - Structures /U/	1967
19680081867	System study for a laser semi-active guided surface-to-surface and air-to-surface anti-tank missile. Volume 1 - Studies and design /U/ Final report, 24 Jun. 1966 - 1 Apr. 1967	1967
19680081869	Solid-state switch development Final report, Mar. 1966 - Jul. 1967	1967
19680081872	Aircraft pipeline study, phase 1 - Definition and identification of determinants	1967
19680081892	Fabrication techniques and materials for high modulus filament reinforced composites Final report, 15 Dec. 1965 - 15 Nov. 1967	1967
19680081903	Detailed test objectives for Delta launch vehicle spacecraft - OSO-D	1967
19680081913	Gallium arsenide infrared lamp Interim technical report, 12 Jul. - 11 Oct. 1967	1967
19680081919	Theoretical study of magnetohydrodynamic wave propagation and experimental study of collisional effects on wave propagation Final report, 24 Aug. 1966 - 23 Nov. 1967	1967
19680081925	Towing basin tests with a one-eleventh scale model of a high-density seaplane configuration	1967
19680081926	Design of the White Sands range and range rate system Summary report	1967
19680081929	A survey of the properties, production and applications of tungsten	1967
19680081930	The use of drugs in the prevention of motion sickness in the services	1967
19680081931	Research and development program. Intrinsic reliability subminiature ceramic capacitors Interim progress report, 1 Jun. 1966 - 31 Jul. 1967	1967
19680081936	Design of the White Sands range and range rate system Final report	1967
19680081941	Steels for hydrospace	1967
19680081942	Mechanical property predictions for reinforced solid propellants Interim technical report	1967
19680081943	Reversible oxygen electrodes Quarterly report, 15 Oct. 1966 - 14 Jan. 1967	1967
19680081945	Effect of notch orientation on the stress-corrosion-crack intensity factor of weld metal	1967
19680081948	Thermal vacuum and solar simulation tests on the D2 model of the UK 3 satellite	1967
19680081955	A test-generator for the optical velocity measuring equipment	1967
19680081958	Doppler direction finding instrumentation and techniques studies Semiannual report, 1 Jul. - 31 Dec. 1966	1967
19680081960	SYG 4200 gyroscope vibration test program Final report, 19 Sep. - 30 Nov. 1966	1967
19680081963	Semi-automatic compass calibrator Final report, 1 Feb. 1965 - 17 Apr. 1967	1967
19680081964	Research and development work at the Institute for Technology, in the field of radio communications and navy electronics	1967
19680081965	Teabag category 2 test report - Tropospheric scatter communications system Final report	1967
19680081979	The erosion/corrosion resistance of five different valve materials under flowing seawater conditions	1967
19680081983	An approximate method for the calculation of the Reynolds analogy factor for a compressible turbulent boundary layer in a pressure gradient Final report	1967
19680082002	A pilot plant for the alignment of asbestos fibres and whiskers by the alginate extrusion process	1967
19680082004	Study of the electrolytic dissociation of CO sub 2-H sub 2 O using a solid oxide electrolyte Annual report, 6 May 1966 - 6 Aug. 1967	1967
19680082006	The effect of ablation on the dynamics of spinning re-entry vehicles	1967
19680082023	An analysis of single stage axial-flow turbine performance using three-dimensional calculating methods	1967
19680082024	U.S. Government metalworking processes and equipment program	1967
19680082031	Investigations into the increase in lift of a flapped wing by slot suction	1967
19680082038	On the effect of excited states upon reaction rates	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082039	Fixed site navigation capability for the AN/BRN-3 and AN/SRN-9 satellite navigation equipments	1967
19680082043	A preliminary study about the realisibility of a digital reciprocal ferrite phaseshifter in C-band waveguide	1967
19680082047	Investigation of hydrazine-air fuel cell systems Interim progress report, 15 Feb. - 15 Jun. 1967	1967
19680082048	Photodiode as an element in resonant circuits	1967
19680082049	Digital computer peripheral memory Final report, 1 Jul. 1965 - 30 Sep. 1966	1967
19680082050	Signaling and Supervision Techniques Study /SSTS/ Final report, 1 Apr. - 29 Sep. 1967	1967
19680082052	Foreign-gas broadening of the J equals 5 to 6 rotational transition of nitrous oxide	1967
19680082055	Some intermediates in the pyrolysis and electron impact of chlorine monoxide and chlorine heptoxide	1967
19680082057	Solution of two dimensional heat problems using the alternating direction method	1967
19680082073	High-temperature, abrasion-resistant parachute riser materials Technical report, Apr. 1966 - Jun. 1967	1967
19680082083	High speed electronic tuning techniques Quarterly report, 1 Mar. - 31 May 1967	1967
19680082085	Microwave delay lines and materials Quarterly report, 1 Apr. - 31 Jul. 1967	1967
19680082086	High modulus-to-density fiber reinforcements for structural composites Technical report, Mar. 1966 - Mar. 1967	1967
19680082092	Heavy-lift helicopter 40,000 pound capacity external cargo handling system, design study Final report	1967
19680082093	Inorganic dielectrics research Semiannual report, 3 Jan. - 30 Jun. 1967	1967
19680082100	Production Engineering Measure /PEM/ for silicon varactor diode, volume 1 Final technical report, 29 Mar. 1965 - 29 Aug. 1967	1967
19680082104	New synthetic methods for silicon-nitrogen polymers Technical report, 1 Mar. - 15 Nov. 1967	1967
19680082105	Canadian Armament Research and Development Establishment Annual report	1967
19680082106	A study on high power reciprocal phaseshifters using commercial ferrites with a low magnetisation value in C-band waveguide	1967
19680082112	USAF handbook on photographic processing facilities. Volume 3 - Operating and maintenance procedures in a clean room environment	1967
19680082119	Evaluation of the General Electric contoured silicon avalanche detector	1967
19680082122	A computer program to calculate shading on complex bodies formed from combinations of simple subshapes	1967
19680082123	A computer program to calculate force and moment coefficients on complex bodies formed from combinations of simple subshapes	1967
19680082124	Apparatus for the production and ignition of metal droplets with a pulsed laser	1967
19680082126	Feasibility study of shielding techniques Final report, 1 Apr. 1966 - 31 Mar. 1967	1967
19680082128	Stable permalloy wire memory elements	1967
19680082129	Raytheon rate gyro evaluation, APN-10177438	1967
19680082131	Sound localization microphone system Final report,	1967
19680082164	A digital code ranging technique for navigation satellite	1967
19680082172	Some hemodynamic changes in man under the influence of heat	1967
19680082203	Encapsulation of a pigmented curable high temperature sealant Progress report, 1 Jan. - 1 Apr. 1967	1967
19680082205	Analysis of some nuclear properties according to the Donner and Greiner model	1967
19680082230	Nonsymmetric and nonlinear response of thin shells	1967
19680082232	Multi-image correlation systems study for MGI	1967
19680082234	Foreshortened center-fed VHF antenna Final report	1967
19680082246	The algorithm of teaching and open system of extreme control in proper identification of a situation	1967
19680082248	Analysis of a superregenerative parametric amplifier	1967
19680082252	Encapsulation of a pigmented curable high temperature sealant Progress report	1967
19680082253	Report on FT4A-2 gas turbine engine conditions after shock test at UERD	1967
19680082254	Evaluation of a newly designed magnetic transducer fabricated from Sendust Final report	1967
19680082260	Effect of vibrational energy on residual stresses in weldments and forgings	1967
19680082262	Screening of reaction rates Final report, 20 Mar. - 22 May 1967	1967
19680082279	A study of unsteady turbulent wakes and entrainment	1967
19680082288	Selection techniques for brittle materials The evaluation of JTA graphite composite as a structural refractory ceramic body	1967
19680082291	Quantitative analysis by gas chromatography 1 general relations between the amount of chromatographed substance and the magnitude of the corresponding chromatographic curve	1967
19680082301	Formation by explosion in shipbuilding	1967
19680082319	The influence of angular and linear acceleration and thermal stimulation on the human semicircular canal	1967
19680082321	The aeroelastic characteristics of the Saturn-5 launch vehicles SA-501, SA-502, SA-503, and SA-504	1967
19680082323	Surface treatments for steel components Final report	1967
19680082339	Disconnect coupling design criteria for fluorine containing oxidizers Final report, 1 Jul. 1965 - 15 Apr. 1967	1967
19680082342	Fourth Black Brant 2 rockets launched at Churchill research range, March 1965 - AE-II-24, AD-II-52, AA-II-53, AA-II-60	1967
19680082343	Graphite specifications recommended methods for the determination of properties	1967
19680082344	Theoretical studies of continuum, weakly ionized gas flows including compressibility and electron energy effects	1967
19680082359	High temperature spectral irradiance /350 to 750 millimicrons/ of porous refractories Final report, Dec. 1966 - Oct. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082368	Production Engineering Measure /PEM/ for silicon varactor diode, volume 2 Final technical report, 29 Mar. 1965 - 29 Aug. 1967	1967
19680082377	Free vibrations of anisotropic rectangular plates	1967
19680082378	Optimization of a pulsed corrector which controls an object with random disturbances	1967
19680082385	Structural, flutter and aerodynamic evaluation of the MER/TER-100 supersonic multiple bomb rack on F-4 series aircraft Final report, Jun. 1966 - Nov. 1967	1967
19680082392	Three-dimensional hypersonic flow boundary layer transition distribution on a sharp 8-degree cone with ablating and non-ablating walls at small angles of attack	1967
19680082401	Direct digital control investigation	1967
19680082403	Rodent resistant cable materials Quarterly report, 1 Oct. 1966 - 30 Jun. 1967	1967
19680082408	T56 advanced reduction gear assembly Final report	1967
19680082416	Sensitized fluorescence of rare earth ions in crystals Final report, 16 May 1966 - 15 May 1967	1967
19680082417	Effect of stator blade orientation on the performance of an axial flow compressor	1967
19680082442	The application of fluoric devices to ordnance timers	1967
19680082447	Stability derivatives of 10 degrees pitching cone in hypersonic viscous flow	1967
19680082454	The use of explosives in machine building and assembling	1967
19680082457	Extracting information from the Geo-Sort file by computer programming	1967
19680082462	Theory of evaporation of metals in hypervelocity impact Final report	1967
19680082464	Measuring a magnetic field by means of nuclear resonance. Design of the magnetic field measuring instrument	1967
19680082474	An inquiry into the effect of plastic deformation on the fatigue life of duraluminum sheets with notched holes	1967
19680082483	Pulse method for the study of the rates of solid-gas phase heterogeneous reactions in conjunction with the chromatographic analysis of products	1967
19680082484	Working characteristics of supersonic nozzles of turbojet engines	1967
19680082489	Control analyses in the manufacture of polybutadiene propellant	1967
19680082495	Digital band pass filters with exponential attenuation	1967
19680082519	Development of solid state display control circuitry Technical report, Sep. 1966 - Jul. 1967	1967
19680082522	Investigation of failure modes and reliability improvement in transistor and integrated circuits Annual report, Apr. - Jul. 1967	1967
19680082525	Development of compressor end seals stator interstage seals, and stator pivot seals in advanced air-breathing propulsion systems	1967
19680082528	The effect of L-Hyoscine on post-rotational responses in habituated subjects	1967
19680082532	Propellant tank pre-valve formal qualification test, DAC SCN 1A49968-507	1967
19680082534	Fire suppression system	1967
19680082550	On the influence of repeated noise stress on rats	1967
19680082558	Analysis of a plasma flow field from spectroscopic line shift measurements, part 1	1967
19680082560	Thermal analysis of the Goddard experiment package Final report, 10 Apr. - 10 Jul. 1967	1967
19680082568	Design and development of small, single-stage centrifugal compressor Final technical report	1967
19680082587	Strapdown systems and components - Description	1967
19680082610	Electro-optical scanner Final technical report, Jun. - Dec. 1967	1967
19680082622	Research in electrically supported vacuum gyroscope	1967
19680082625	F-105 fuel system tests of tank filler material	1967
19680082626	Chemistry and metallurgy division Progress report, 1 Jan. - 31 Mar. 1967	1967
19680082627	Electrochemical adaptive pattern recognition systems Quarterly technical report, 15 Jul. - 15 Oct. 1967	1967
19680082637	Some dielectric rod antenna studies	1967
19680082639	Engineering study for electrical hull interaction Final report, 1 Jan. 1966 - 28 Feb. 1967	1967
19680082657	Design and fabrication of experimental rocket motor cases Final report	1967
19680082681	Human vibrations and related studies Final report, 1966 - 1967	1967
19680082687	Production engineering measure for silicon n-p-n switching transistors, volume 1 Final engineering report, 25 May 1965 - 25 Nov. 1967	1967
19680082692	Experimental determination of transonic and supersonic pressure distribution and mass flow accommodation for ribbon parachutes during inflation. Volume 2 - The 17 percent geometric porosity hemisflo ribbon parachute and circular flat ribbon parachutes with various geometric porosities Final report, Apr. 1964 - Jul. 1967	1967
19680082701	New facts concerning the influence of the intensity of stimuli on voluntary reaction	1967
19680082706	Basic differential equations of stability of orthotropic webs with residual stresses	1967
19680082712	Production engineering measure for silicon n-p-n switching transistors. Volume 2. Inspection and quality control plan Final report, 25 May 1965 - 25 Nov. 1967	1967
19680082721	Investigation and development of short-term techniques for reliability monitoring of silicon integrated circuits Final report	1967
19680082726	Environmental models for the design and evaluation of systems whose performance is line-of-sight limited	1967
19680082749	Apparatus for the manufacturing of dielectric multiple layers	1967
19680082750	Effects of composite interfaces on mechanical properties Final report, 16 May 1966 - 31 Dec. 1967	1967
19680082752	The effect of a mixed gas atmosphere at 5 psia on the inhalation toxicity of O3 and NO2 Final report, Oct. 1964 - Jul. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082753	Feasibility study of critical part cooling and closed loop control for aircraft electronic cooling systems - Forced air type	1967
19680082787	Practical possibilities in the design and realization of solid-state n-channel filters	1967
19680082790	A brief comparative study of the effect of advances in technology on the performance of laminar-flow and conventional subsonic transport aircraft	1967
19680082798	Functional-group terminated diene polymers Final report, 10 Feb. 1966 - 9 Feb. 1967	1967
19680082807	Analogue-to-digital conversion in airborne data acquisition systems	1967
19680082809	On the applicability of a radioactive tracer to the detecting of ruptures in spacecraft radiator fluid lines	1967
19680082812	Micromechanics of high strength, low density, boron filament reinforced aluminum metallic composites	1967
19680082816	Adaptive beamforming and adaptive filtering, with application to adaptive hydrophone arrays Final report, 10 Sep. 1965 - 27 Oct. 1967	1967
19680082825	Attenuation measurement in the microwave range	1967
19680082830	Nitrogen in metals	1967
19680082835	C-124 full scale fatigue test. Volume 3. Test log and stress survey	1967
19680082841	Speed stability and the landing approach	1967
19680082850	Radio frequency interference program Final technical report	1967
19680082853	The landing response of a slender wing model aircraft	1967
19680082883	Monthly record. Meteorological observations in Canada. November 1967	1967
19680082894	Bearing deposition test - Analysis of 48-hour test results Technical report, 1 Feb. 1965 - 1 May 1967	1967
19680082900	The characteristics of a cold flow free jet experimental investigation Data report	1967
19680082903	Strength and elongation properties of coated nylon cloths for life rafts	1967
19680082938	Review of some Russian papers pertinent to the fracture of solids	1967
19680082952	Optimum statistical characterization of Saturn vibration data Final report	1967
19680082953	Manned planetary flyby missions based on Saturn/Apollo systems	1967
19680082995	High data rate injection laser communication link	1967
19680083015	Evaluation program for secondary spacecraft cells acceptance test of Sonotone Corporation 3.5 ampere-hour nickel-cadmium cells	1967
19680083032	The mechanical characterization of Solithane 113 in the swollen and unswollen state	1967
19680083047	Fabrication and study of photoconductor tunneling electron emitter Quarterly progress letter report, 8 Jul. - 7 Oct. 1967	1967
19680083050	Reliability investigation of assistance take off rockets DS 1000 Ms with curved resonance vanes	1967
19680083066	Advanced electro-optical signal processing techniques Final report, 1 Oct. 1963 - 30 Nov. 1967	1967
19680083067	Joining of titanium	1967
19680083079	Complex automation by electronic computers of the heavy plate rolling mills of the siderurgic combine "Gheorghiu-Dej" in Galati	1967
19680083104	Production engineering measure for type CR-/XM-57/U crystal units Quarterly report, Oct. - Dec. 1967	1967
19680083105	High level surge generator and instrumentation Technical report, Jan. - Mar. 1967	1967
19680083122	Supersonic chemical propulsion feasibility flight demonstration for a low altitude short range missile. Volume 5 - Flight test demonstration /U/ Final report, May 1966 - May 1967	1967
19680083137	The effects of weld thermal cycles on as-deposited and underlying fusion-zone structures and properties in gas-metal-arc weld metals, part 1 Activity report, 1 Apr. - 30 Nov. 1967	1967
19680083146	Some considerations in assignment of values to elements of communications network	1967
19680083158	The classification of acoustical transients by their time-frequency patterns /U/	1967
19680083159	Small gas turbine engine component technology regenerator development. Phase 1, preliminary component testing and regenerator design /U/ Technical report, 7 May 1964 - 7 May 1965	1967
19680083160	Small gas turbine engine component technology regenerator development. Phase 2, full scale regenerator fabrication and engine- regenerator testing /U/	1967
19680083169	Conical shock tube blast simulator facility description and capabilities	1967
19680083173	The dynamic theory of intermediate bulkhead spring constants	1967
19680083184	Ion phenomena Quarterly progress report, Sep. - Dec. 1966	1967
19680083185	Perceived angle of oscillatory motion	1967
19680083193	Fabrication and study of photoconductor tunneling electron emitter Quarterly progress letter report, 8 Apr. - 7 Jul. 1967	1967
19680083195	Optimum intercept laws	1967
19680083201	Improve K sub a mixer diodes for use in ECM frequency converters Quarterly report, 1 May - 31 Jul. 1967	1967
19680083202	Exploratory development of selectively radiating infrared source Final report, 7 Jan. 1966 - 7 Apr. 1967	1967
19680083203	An aid for the optimum design of antenna systems for very low frequencies	1967
19680083208	High performance automatic direction finder study Final report, 15 Jun. 1966 - 14 Jul. 1967	1967
19680083213	A new absorption coefficient expression for use in sonar range prediction /U/	1967
19680083232	A further study of the temporal integration of loudness	1967
19680083241	Investigation of internal ballistics effects in spinning solid propellant motors Quarterly technical progress report, 1 Aug. - 31 Oct. 1967	1967
19680083242	Investigation of internal ballistics effects in spinning solid propellant motors Quarterly technical progress report, 1 May - 31 Jul. 1967	1967
19680083250	Solar flare prediction using calcium plage area, sunspot area, and flare history	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083253	Convective heat transfer in rocket engines. Part 1 - Assessment of current theories	1967
19680083259	Cecles launcher - Europe 1 F.5 vehicle launching of 15th November 1966, second stage Final report	1967
19680083260	System study and tests of a vertical gradient compensator	1967
19680083262	S-27A transmitter mixer technical details and electrical evaluation	1967
19680083263	Technical details and electrical evaluation of power amplifier no. 2 /100W/ for S-27A-1, S-27A-2	1967
19680083264	Technical details and electrical evaluation of the 300W power amplifier for S-27A-1, S-27A-2, S-27A-3	1967
19680083265	Some investigations into wings with leading edge flaps with and without fuselage	1967
19680083274	Research on distributed ferrites for crossed- field microwave devices /U/ Quarterly report, 10 May - 9 Aug. 1967	1967
19680083275	Analysis of variable thrust in navy tactical missiles /U/	1967
19680083276	Liquid propellant trends /U/	1967
19680083277	Advanced lift fan system /LFX/ preliminary design specification /U/	1967
19680083278	Temperature, salinity, and density of the world's sea - Sea of Japan Informal report	1967
19680083281	RCAF ejection experience, 1962 - 1966	1967
19680083282	Advanced concepts for high L/D hypersonic vehicles. Task 1 - Man and propulsion equipment requirements analysis Final report	1967
19680083287	Technical details and electrical evaluation of the VLF receivers Mk 1 and Mk 2 for S27A	1967
19680083289	Observations on the thermal conductivity of foam glass	1967
19680083304	S-27A magnetometers technical details and electrical evaluation	1967
19680083306	Technical description and electrical bench testing of the antenna control unit for S-27A-1, S-27A-2	1967
19680083307	Technical details and electrical evaluation of the current sensors for S-27A-1, S-27A-2, S-27A-3	1967
19680083308	Technical details and electrical evaluation of converters 1, 2, 3 and 4 for S-27A-1, S-27A-2, S-27A-3	1967
19680083313	S-27A solar aspect sensors technical details and electrical evaluation	1967
19680083314	Technical details and electrical evaluation of the commutators for S-27A-1, S-27A-2, S-27A-3	1967
19680083315	Experimental test of a method for producing high velocity plates Final report	1967
19680083318	Technical details and electrical bench testing of the sounder preamplifier for S-27A-1, S-27A-2, S-27A-3	1967
19680083319	S-27A timing generator and video adder technical details and electrical evaluation	1967
19680083320	Technical details and electrical evaluation of the satellite relay boxes S-27A-1, S-27A-2	1967
19680083323	Techniques applied to the in-process measurement of surface layer quality of semiconductors. X-ray examination of silicon surface layer defect after wafer scribing	1967
19680083332	Techniques for long-range imaging through a random medium Interim technical report, 15 Apr. - 14 Oct. 1967	1967
19680083336	High current density cathodes Quarterly progress report, 1 Dec. 1966 - 28 Feb. 1967	1967
19680083337	Splat cooled nickel SLIS alloys Final report	1967
19680083338	X-22A tri-service V/STOL aircraft Monthly progress report, 1-31 Oct. 1967	1967
19680083346	The moments method in electron paramagnetic resonance theory	1967
19680083347	Technical details and electrical evaluation of the command receivers for S-27A	1967
19680083355	S-27A battery switch technical details and electrical evaluation	1967
19680083356	S-27A voltage and temperature monitor technical details and electrical evaluation	1967
19680083374	S-27A sweep calibrator technical details and electrical evaluation	1967
19680083377	S-27A automatic turn-off technical details and electrical evaluation	1967
19680083379	Welding heat treatable aluminum Final report	1967
19680083388	Experimental study of voltage breakdown characteristics of transmitting antennas Quarterly technical report	1967
19680083395	Parameters influencing thrust vector control by secondary injection	1967
19680083409	The landing flare of large transport aircraft	1967
19680083417	Failure analysis of planar transistors used in the UK3 satellite programme	1967
19680083419	Oscillatory pressure measurements on a flexible slender wing model at low subsonic speeds	1967
19680083422	Programmes for analysing the short take-off performance of deflected-jet aircraft	1967
19680083444	A vibration analysis of the NP3A aircraft NASA 927	1967
19680083445	Symposium on modern navigation methods	1967
19680083464	Water reclamation studies for spacecraft applications Midyear progress report	1967
19680083468	Optimum estimation of the location of a random signal source by arbitrarily spaced receiver elements	1967
19680083470	Twenty-four ft tunnel tests of a Wessex tail rotor with variable fin blockage	1967
19680083473	Design features and low-speed-tunnel research programme for a B.L.C. high-lift subsonic transport model with jet-lift nacelles for STOL and VTOL	1967
19680083482	Lasers in practice	1967
19680083488	Analog computer of the department of control theory	1967
19680083493	Production engineering measure for integrated amplifier/switching circuits Final engineering report, 29 Jun. 1966 - 29 Nov. 1967	1967
19680083494	Semiconductor detectors and their applications	1967
19680083495	The probability of error in data transmission	1967
19680083501	An analytical and experimental investigation of swirling flow in nozzles Final report	1967
19680083503	Effect of deformation on extinction of ultrasound in molybdenum and niobium monocrystals	1967
19680083538	Principles of the design of vacuum sublimation apparatus	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083540	Phase change thermal radiator flight experiments - Presentation of results of NASA contract to NASA headquarters	1967
19680083576	Further experiments on a jet flap hydrofoil in ventilated flow Project report, 1 Oct. 1965 - 31 Mar. 1967	1967
19680083584	Evaluation of a continuous wave ultrasonic imaging system Interim report	1967
19680083613	Cesium tube development	1967
19680083643	An analysis of heat exchange by means of radiation in a chamber filled with real gas of a given selective emissivity	1967
19680083645	Manufacturing microelectronics processor Summary report, Jul. 1963 - Nov. 1965	1967
19680083654	Production engineering measure for type CR-/XM-60//U crystal units Quarterly report, Oct. - Dec. 1967	1967
19680083665	Plasma interferometry with the aid of an optical quantum generator	1967
19680083669	The action of protective chemical compounds under ionizing radiation	1967
19680083686	Derivatives of ferrocene /12/ ferrocene analogues of chalcones	1967
19680083687	Applied research in electronic warfare techniques Final report, 1 Jan. 1966 - 31 Dec. 1967	1967
19680083709	Influence of high-energy forming on the behavior of materials	1967
19680083710	New trends in the research of dynamics and thermodynamics of gases	1967
19680083719	Static molecular laser - Design, construction and operation, including investigation of the dual polarization phenomenon	1967
19680083722	The effect of nozzle flow striations on engine performance	1967
19680083726	Thermodynamic analysis of the Stratos/Dineen Stirling cycle engine	1967
19680083728	Electronic solid state components. Part 6.	1967
19680083740	Techniques applied to the in-process measurement of surface layer quality of semiconductors. Non-destructive determination of phosphorous in phospho-silica films on silicon substrates Interim engineering progress report	1967
19680083743	The interpretation of HF sweep-frequency backscatter soundings to deduce the structure of localized ionospheric anomalies	1967
19680083762	T-38A /ECP 146/ nose landing gear stress analysis	1967
19680083769	Manned-spacecraft electrical power systems - Requirements, weight correlations and cost implications /U/	1967
19680083770	Appendix B - The ST 124-M inertial guidance system /U/	1967
19680083771	Investigations of spectrum matching in agriculture. Volume 2 - Appendixes /U/ Final report, May 1964 - Mar. 1967	1967
19680083856	Saturn 5 Single Launch Space Station and Observatory Facility. Condensed summary - Basic study	1967
19680083857	Saturn 5 Single Launch Space Station and Observatory Facility. Technical summary - Basic study	1967
19680083862	Saturn 5 Single Launch Space Station and Observatory facility - Earth-orbital mission requirements	1967
19680083863	Saturn 5 Single Launch Space Station and Observatory Facility - Earth-orbital station utilization	1967
19680083864	Saturn 5 Single Launch Space Station and Observatory Facility - Earth-orbital station design	1967
19680083865	Saturn 5 Single Launch Space Station and Observatory Facility - Earth-orbital station program plans and cost	1967
19680083868	S.E.R.L. Technical Journal, October 1967, volume 17, no. 3	1967
19680083869	Performance of targets in sealed-off neutron tubes	1967
19680083870	Gas-jet laser cutting	1967
19680083871	Flatness control in optical polishing	1967
19680083877	Journal of engine technology /selected articles/	1967
19680083878	The effects of corrosion-protecting substances on the damage to material by cavitation and corrosion	1967
19680083879	The stability of corrosion-protection oil emulsions and the residual protective effect against cavitation and corrosion	1967
19680083888	Condensed summary - Addendum study. Saturn 5 Single Launch Space Station and Observatory Facility	1967
19680083889	Technical summary - Addendum study. Saturn 5 Single Launch Space Station and Observation Facility	1967
19680083890	Combined mission requirements. Saturn 5 Single Launch Space Station and Observation Facility	1967
19680083891	Combined mission concept evaluation. Saturn 5 Single Launch Space Station and Observation Facility	1967
19680083892	Combined mission station design. Saturn 5 Single Launch Space Station and Observation Facility	1967
19680083893	Combined mission program plans and costs. Saturn 5 Single Launch Space Station and Observation Facility	1967
19680083895	Item program manual - FORTRAN 4 version	1967
19680083905	Procedures manual - Lunar receiving laboratory	1967
19680083929	Combustion of Solid Propellants and Low Frequency Combustion Instability Summary Progress Report, Jun. 1964 - Mar. 1967	1967
19680083988	X-22A tri-service V/STOL aircraft Monthly progress report, 1-31 Dec. 1967	1967
19680083999	Dielectrics for high energy storage capacitors Final report, 23 Jun. 1966 - 30 Sep. 1967	1967
19680084028	Reactor materials development Quarterly report, Oct. - Dec. 1967	1967
19680084063	X-22A tri-service V/STOL aircraft Monthly progress report, 1-30 Nov. 1967	1967
19680084079	Stress relaxation of non-linear viscoelastic material under uniaxial strain	1967
19680084080	Analyses of nitrogen tetroxide contaminants collected on screens and filters	1967
19680084089	Further studies of carrier air wake velocity spectra, October 1965 - July 1967	1967
19680084132	Supersonic combustion and its application in hypersonic jet engines	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084196	Production Engineering Measures PEM for milliwatt logic semiconductor integrated circuits Final report, 11 Oct. 1966 - Aug. 1967	1967
19680084209	Absorption and scattering of quantum- mechanically coherent rays. 2. Interaction with N atoms	1967
19680084224	Study and investigation, design, development, and fabrication of a cryogenic pressure transducer Final report	1967
19680084245	Ice summary and analysis 1965. Canadian Arctic	1967
19680084246	Digital simulation of the dynamic behaviour of a two spool turbojet engine	1967
19680084272	Development of special temperature sensors Special revised report, 18 Apr. - 30 Jun. 1967	1967
19680084275	Saturn 5 single launch space station and observatory facility Final oral review	1967
19680084297	An analytical investigation of the fluid mechanics of rotating flows in rocket motors	1967
19680084313	The deformation resistance of highly heat-resistant nickel alloys	1967
19680084314	Speed and voltage control of electrical machines with the aid of thyristors	1967
19680084315	Nuclear magnetic resonance and its applications	1967
19680084344	Spectrographic determination of impurities in gallium arsenide	1967
19680084358	Investigation of the scale effect of cavitation erosion	1967
19680084365	Measurement dynamics and information theory	1967
19680084369	Liquid oxygen turbopump 350K /U/ Quarterly review no. 7	1967
19680084370	Hydrogen pump technology 350K /U/ Quarterly review	1967
19680084371	Oxygen pump technology 350K /U/ Quarterly review	1967
19680084372	Liquid oxygen turbopump 350K /U/ Quarterly review no. 7	1967
19680084377	A few considerations concerning the application of free-space communication systems in the light-wave region	1967
19680084378	Contributions concerning separation of rare earths. 9. The systems terbium oxide-yttrium oxide and terbium oxide-erbium oxide	1967
19680084385	Microwave applications Final technical report, Dec. 1966 - Sep. 1967	1967
19680084397	Mathematical determination of rheological properties of glass fiber-reinforced plastics for calculating construction elements	1967
19680084402	Investigation of intermolecular interactions with the aid of Raman spectroscopy	1967
19680084414	Investigation of interatomic interaction in alloys of the niobium-tungsten-molybdenum system	1967
19680084416	Nike-Hydac STV /SR 059/ /21 September 1967/ Meteorological data report	1967
19680084420	High temperature radiance of boron nitride from 1.87 to 5.68 microns Technical report, Jan. - Sep. 1967	1967
19680084473	Transient radiation effects Final report, 1 Nov. 1966 - 31 Oct. 1967	1967
19680084477	Engineering approximation of the effects of blunting on cones in laminar and turbulent flow	1967
19680084497	Ferrite ring memory for the DACICC-1 machine	1967
19680084521	A review of the physical properties of some new semiconductors of the groups 3-5	1967
19680084523	Formulas for the numerical solution of $Y' = P(T, Y)$, which contains higher derivatives	1967
19680084527	Universal aggregate system for pneumatic control	1967
19680084528	Complex formation of aminopolycarboxylic acid esters with transition metal ions	1967
19680084529	Apparatus for investigation of electron paramagnetic resonance	1967
19680084556	The effects of cold reduction by hydrostatic fluid extrusion on the mechanical properties of 18 percent nickel maraging steels	1967
19680084563	On the problems of vacuum technology in the preparation of thin films	1967
19680084565	The effect of molybdenum on the heat resistance of chromium molybdenum vanadium steels with a low carbon content	1967
19680084581	Equation of the tendency of atmospheric stability	1967
19680084583	The factors influencing the reaction of the adrenal cortex to cold	1967
19680084586	Contribution to the theory of thermodynamic simulation of compressors	1967
19680084587	The squaring and multiplying of Fourier series	1967
19680084590	Thin layers in optics	1967
19680084619	The correlator part of a comprehensive medium analyzer	1967
19680084642	A FORTRAN program to describe analytically the flow field of a rocket exhaust jet in vacuo	1967
19680084643	Study of transient phenomena in low pressure gas discharge plasmas Quarterly status report, 22 Aug. - 22 Nov. 1967	1967
19680084662	Coherent techniques for automatic direction finder Quarterly progress report, 15 Jul. - 14 Oct. 1967	1967
19680084673	High altitude phenomenology. /Microstructure of the debris-air interface/ Interim technical report, 1 Jul. - 31 Dec. 1967	1967
19680084681	Contribution to the study of the destruction by cavitation of some steels obtained by alloying in the electric arc	1967
19680084693	Microminiaturization	1967
19680084696	Calculation of the large-scale horizontal exchange tensor	1967
19680084700	Reducing machine noise through the wider application of plastics	1967
19680084731	Coldweld hi reliability quartz crystal units CR-1018 and CR-65/U Quarterly report, 25 Aug. - 25 Nov. 1967	1967
19680084737	Optical coherent sources as quantitative generators and quantitative amplifiers	1967
19680084776	Electronic analog installation for examining the kinetics of nuclear reactors	1967
19680084777	Radiometric methods for measuring clearances inside hot-air turbines	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084778	Workability of stainless chrome-nickel steels stabilized by titanium	1967
19680084781	Computing the critical velocity of a turbine on a URAL 1 computer	1967
19680084788	Applied chemistry /Selected articles/	1967
19680084802	The problem of simultaneously evaluating structure and stress in ferromagnetic materials by using magnetic tests	1967
19680084803	Radio-range beacon bomb sight	1967
19680084805	Some instruments built in the institute	1967
19680084812	Aircraft AN-24B	1967
19680084828	Experimental methods in the study of heat transfer at high temperature	1967
19680084837	Experimental signal processing system Quarterly technical report, 1 Aug. - 31 Oct. 1967	1967
19680084840	High sensitivity fluorimeter	1967
19680084841	Complete logic matrices. Their use in minimizing Boolean expressions	1967
19680084847	Feasibility of detection systems employing microwave emissions from hypervelocity impact Interim report, Jun. 1966 - Jul. 1967	1967
19680084855	Automation of machines by means of pneumatic logic elements	1967
19680084900	Nonmetallic materials program status	1967
19680084902	Trade-off factors affecting the method of changing the cm atmosphere from air to oxygen in flight	1967
19680084903	Polymeric schiff bases. 9 - the synthesis of polymeric schiff bases from acetals and amine compounds	1967
19680084904	Metal carbide-graphite composites	1967
19680084908	The sponsor on pyroelectric studies final report	1967
19680084909	Lunar ap mission profiles	1967
19680084911	Univac-494 communications processor processing segment analysis apollo launch data system /alds/	1967
19680084912	A study of methods of augmenting cross-product steering with direct control of out-of-plane position errors - csm transearth injection case 310	1967
19680084914	The optimum addition of points to quadrature formulae	1967
19680084915	Imp 3 - an observable meteor	1967
19680084918	Synchronization for compressed image data transmission	1967
19680084920	Annual status report, march 15 - september 14, 1967	1967
19680084921	Study of growth in recent and fossil invertebrate exoskeletons and its relationship to tidal cycles in the earth-moon system semiannual report, 1 apr. - 30 sep. 1967	1967
19680084923	An investigation to determine the feasibility of performing satellite-borne experiments on gas molecule-solid surface interactions	1967
19680084925	A study of hydrogen lyman-alpha radiation using the beam-foil excitation method	1967
19680084928	On the concept of mathematical physics	1967
19680084931	Stac action items - review of lm powered descent guidance and navigation philosophy	1967
19680084935	Investigation of reactivity of launch vehicle materials with liquid oxygen quarterly report, 1 jul. - 31 sep. 1967	1967
19680084937	Comments on x-ray astronomy experiment s069	1967
19680084942	Comparison of rb-sr whole-rock and mineral ages with k-ar mineral ages of gneiss at ore knob, north carolina	1967
19680084944	Stac action - use of cm and lm optics for platform alignment	1967
19680084946	Delta-46 orbiting solar observatory-e /oso-e/ flash flight report	1967
19680084951	Review of ames research center plasma probe results from pioneer 6 and pioneer 7	1967
19680084953	The effect of shock waves on meteorites quarterly progress report, 1 jun. - 31 aug. 1967	1967
19680084960	Investigation of boundary layer transition progress report, 1 jul. - 30 sep. 1967	1967
19680084962	Theoretical and experimental studies in planetary and atmospheric physics semiannual progress report, 15 may - 15 nov. 1967	1967
19680084964	Methods of achieving and maintaining physical fitness for prolonged space flight progress report, 1 may - 31 aug. 1967	1967
19680084969	Space related research in selected fields of physics and astronomy, including cosmic rays, interplanetary magnetic fields, solar physics, and theoretical astrophysics semiannual report, 1 apr. - 30 sep. 1967	1967
19680084970	Research in solar flares and the solar atmosphere semiannual report, 1 may - 31 oct. 1967	1967
19680084973	Collisional-radiative electron-ion recombination rate in rare gas plasmas	1967
19680084975	Manned spaceflight experiments gemini xii mission, november 11-15, 1966 interim report	1967
19680084976	Experiment d010, ion-sensing attitude control	1967
19680084977	Experiment m405, triaxis magnetometer	1967
19680084978	Experiment m408, beta spectrometer	1967
19680084979	Experiment m409, bremsstrahlung spectrometer	1967
19680084980	Experiment s003, frog growth	1967
19680084981	Experiment s005, synoptic terrain photography	1967
19680084982	Experiment s006, synoptic weather photography	1967
19680084983	Experiment s010, agena micrometeorite collection	1967
19680084984	Experiment s011, airglow horizon photography	1967
19680084985	Experiment s012, micrometeorite collection	1967
19680084986	Experiment s013, ultraviolet astronomical camera	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084987	Experiment s029, earth-moon libration regions photography	1967
19680084988	Experiment s051, daytime sodium cloud	1967
19680084989	Experiment t002, manual navigation sightings	1967
19680084990	Objects of opportunity - ultraviolet photography of upper atmospheric dust clouds	1967
19680085006	Manned space flight experiments gemini xi mission, september 12 to 15, 1966 interim report	1967
19680085007	Experiment d003, mass determination	1967
19680085008	Experiment d015, night image intensification	1967
19680085009	Experiment d016, power tool evaluation	1967
19680085010	Experiment s004, radiation and zero-g effects on human blood and neurospora	1967
19680085011	Experiment s005, synoptic terrain photography	1967
19680085012	Experiment s006, synoptic weather photography	1967
19680085013	Experiment s009, nuclear emulsion	1967
19680085014	Experiment s011, airglow horizon photography	1967
19680085015	Experiment s013, ultraviolet astronomical camera	1967
19680085016	Experiment s026, ion-wake measurement	1967
19680085017	Experiment s030, dim sky photographs/orthicon	1967
19680085018	Gt-12 post flight analysis report	1967
19680085019	Synchronous charge-constrained electroquasistatic generators	1967
19680085022	Preliminary analysis of a countdown strategy using programmed holds	1967
19680085023	Administrative and financial information semiannual progress report	1967
19680085036	Surface properties of thermionic electrodes semiannual report, 1 may - 31 oct. 1967	1967
19680085039	Dipeptidyl arylamidase ii of the pituitary properties of lys-ala-beta-naphthylamide hydrolysis - inhibition by cations, distribution in tissues, and subcellular localization	1967
19680085040	Anolyte studies of the magnesium/lithium chloride, potassium chloride eutectic electrode	1967
19680085049	Develop a zero-g, drag-free satellite and to perform a gyro test of general relativity in a satellite semiannual status report	1967
19680085050	Failure rate handbook for the apollo-saturn instrument unit	1967
19680085051	Gemini fuel cell performance analysis	1967
19680085052	Infrared absorption due to impurities and radiation damage in semiconductors	1967
19680085053	Report on acceptance tests of 21 and 30 day biosatellite passive dosimeters and 30 day biosatellite calendar clocks	1967
19680085058	Radiation and voltage gradients from gas mixtures at high temperatures in a constricted plasma arc. experimental measurement of arc voltage gradient for several selected gases and mixtures of gases	1967
19680085061	A study of problem areas in using electroexplosive devices on nasa launch vehicles	1967
19680085064	Study of structural and mineralogical significance of meteorite impact sites, including mineral paragenesis, high pressure polymorphs, microfractures and quartz lamellae semiannual report, jan. - jun. 1967	1967
19680085067	Fracture design analysis for air flight vehicles	1967
19680085068	Biology and engineering of space and planetary life systems annual report, sep. 1966 - oct. 1967	1967
19680085070	Research in the space-related sciences progress report, 1 apr. - 30 sep. 1967	1967
19680085071	Radiative energy transfer on entry into mars and venus quarterly report	1967
19680085074	A multichannel implantable telemetry system	1967
19680085077	Analysis of the current aap 1-4 - baseline and proposals for eliminating the aap-3 performance deficit	1967
19680085080	Penetrative convective instabilities 2, effects of conductivity of the free-surface boundary	1967
19680085081	High altitude dust derived from the zenith twilight sky	1967
19680085085	Physiological constraints for air-on-the-pad	1967
19680085092	Research in electrohydrodynamics and traveling-wave electromechanical energy conversion quarterly report, 1 aug. - 31 oct. 1967	1967
19680085094	Diagnostic observation of lunar surface accidents	1967
19680085095	V requirements to change planetary mission periapsis altitude	1967
19680085096	Atmospheric contamination in the aap clusters due to gaseous products of human metabolism	1967
19680085097	Crossed-beam studies of ion-molecule reaction mechanisms	1967
19680085100	Research in intermediate energy nuclear physics	1967
19680085101	The psychophysiological correlates of learning	1967
19680085103	Studies of the magnetosphere semiannual status report, 1 mar. - 31 aug. 1967	1967
19680085104	Interdisciplinary space-oriented research in the physical, biological and engineering sciences semiannual report, 1 mar. - 31 aug. 1967	1967
19680085107	The polar upper atmosphere and aurora	1967
19680085108	Maar volcanoes and the role of water in their origin semiannual progress report	1967
19680085112	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen quarterly report, 1 jun. - 31 aug. 1967	1967
19680085113	The Optional Task Simulator - A Method for Evaluating a Hierarchical Schedule of Astronaut Tasks	1967
19680085114	Payload module decoder and buffer module final report	1967
19680085116	Effect of changes in apparent weight on the efficiency of synthetic steroids to alter calcium metabolism. 1 - quantitative aspects of hormone administration and various dietary constituents on calcium accretion and resorption	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085117	Combustion instability and random wave phenomena quarterly report, 1 aug. - 30 oct. 1967	1967
19680085124	Investigation of the problems of lunar and planetary exploration annual report, 1 dec. 1966 - 30 nov. 1967	1967
19680085125	Volcanological approach to the interpretation of lunar features semiannual report	1967
19680085126	Space related studies in the physical, life, and engineering sciences semiannual status report, 1 apr. - 30 sep. 1967	1967
19680085128	An indirect numerical method based on offset vectors for obtaining solutions to optimal control problems	1967
19680085130	Simulation methods and applications	1967
19680085131	Re-entry f turbulent heating experiment, familiarization manual	1967
19680085132	Cosmochemistry and nuclear chemistry research annual report	1967
19680085144	The effect of hydrogen embrittlement on static and dynamic fatigue of hollow notched tensile specimens	1967
19680085146	Msc review of requirements and expected performance of communications systems for the apollo spacecraft on 25 september 1967	1967
19680085151	Digital sensing technique for interferometers	1967
19680085152	Beam spectroscopy at tandem energies	1967
19680085155	Gemini pcm tape recorder performance summary	1967
19680085160	Midcourse propulsion system study, galactic jupiter probe	1967
19680085161	The fatty acids of influenza virus	1967
19680085162	Comparison Study of Reusable Aerospace Passenger Transport Launch Modes, Executive Summary Report	1967
19680085166	Physical properties of the moon as determined from lunar orbiter data	1967
19680085170	Performance study of a high energy molecular beam and measurement of momentum accommodation under satellite conditions status report, 1 jan. - 30 jun. 1967	1967
19680085172	Interactions between the thermal protection material for the mariner class spacecraft /entry probe/ and its environment quarterly progress report, 1 sep. - 1 dec. 1967	1967
19680085173	Phase two-engineering feasibility study of a kilometer wave orbiting telescope semiannual progress report, 1 feb. - 30 jul. 1967	1967
19680085175	Apollo communications systems performance and coverage analysis for mission as-204/lm-1	1967
19680085177	Transportation and handling	1967
19680085178	Increased glucose tolerance and insulin sensitivity of rats exposed to chronic centrifugation	1967
19680085179	Investigations of galactic radio astronomy progress report, jan. - jun. 1967	1967
19680085184	What is and why do we need ground truth?	1967
19680085185	The malaise of space-man and its possible relation to serotonin and other metabolites final report, 1 may - 31 oct. 1967	1967
19680085186	Low cost lamp driver employs scr	1967
19680085191	Analysis of side-lobe suppression capabilities at joint-use radar beacon sites final report	1967
19680085196	Advanced Injector Concepts Investigation,	1967
19680085197	Evaluation of high temperature gas transport properties final report, 19 sep. 1966 - 19 sep. 1967	1967
19680085199	Some thoughts on unmanned lunar exploration	1967
19680085201	Stochastic model of motion of solid particles	1967
19680085202	Several time-varying upper bounds on nonlinear system transient response	1967
19680085205	Frequency translator concept for performing the lm relay communication experiment	1967
19680085206	Outgassing Contamination of Dielectric Materials Used in the ATM Program	1967
19680085207	Applications of shearing and listers prisms to the alignment of optical telescopes preliminary status report, period ending 20 dec. 1967	1967
19680085208	Control optimization, stabilization and computer algorithms for space applications status report, 1 mar. - 31 aug. 1967	1967
19680085214	Trip report - by naa on aap engineering studies, msc, march 16, 1967 - case 600-1 bimonthly report	1967
19680085217	A modified linear theory and its application to wings with supersonic edges	1967
19680085219	Resolution of an apparent paradox in penetrative convective instability	1967
19680085237	Evaluation of cornell-dubilier electronics, wet tantalum capacitor vendor part number tx65 file number 153-36-60-40	1967
19680085243	Weather satellite picture pattern recognition and compression study quarterly report, for period ending 16 apr. 1967	1967
19680085247	Laboratory simulation of the interaction between the solar wind and the magnetosphere progress reports, may 15 - jul. 15 1967	1967
19680085248	Integrated circuit reliability through physics of acceptance	1967
19680085251	Cleanness criteria, critical components - specification for	1967
19680085252	Qualification of ms17825-4, -5, -6 and ms17826-4, self-locking castellated hex nuts	1967
19680085255	Integrated circuit, logic gate	1967
19680085257	Thrust vector servo amplifier	1967
19680085259	Minuteman electrical and electronic systems problem summary report	1967
19680085260	Aberrations of radio signals traversing the auroral ionsphere progress report, 1-31 mar. 1967	1967
19680085261	Rocket probes for the upper f-region quarterly report	1967
19680085264	R110 rocket engine monthly technical report, 1 aug. - 1 sep. 1967	1967
19680085265	Geoscience potentials of side-looking radar imagery and overlays, volume 2	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085271	Reliability design review scout reaction thrust system	1967
19680085272	Investigation of advanced thrust chamber designs monthly progress report, 6 jul. - 6 aug. 1967	1967
19680085273	Long form system performance test procedure for the reflectometer experiment for applications technology satellite	1967
19680085274	Component test report for qualification of manufacturer to company specification	1967
19680085278	Improvement of efficiency and life of expulsion bladders and diaphragms monthly status letter for jul. 1967	1967
19680085279	Development of multiple source - multiple low voltage converter-regulator power supply with automatic failure sensing and redundant switching quarterly report, 1 jan. - 30 mar. 1967	1967
19680085280	Advanced bearing study monthly progress report, 1-31 jul. 1967	1967
19680085281	Hydrogen-fluorine engine evaluation monthly status report, 1-31 jul. 1967	1967
19680085283	Cryogenic tank support evaluation monthly progress report, 15 may - 30 jun. 1967	1967
19680085284	Isis-a clock oscillator biweekly report, 16-30 apr. 1967	1967
19680085285	High frequency combustion instability mathematical analysis monthly progress report	1967
19680085286	Design analysis and performance evaluation on electrical contacts for space vehicles interim report, 1 jul. - 30 sep. 1967	1967
19680085287	Fifth quarterly report august-october, 1967	1967
19680085289	Arctic summary. a semi-annual summary of meteorological data from the joint arctic and other weather stations on the arctic islands july to december 1966	1967
19680085294	Loft low frequency telescope monthly progress letter, 17 aug. - 17 sep. 1967	1967
19680085295	/investigation of observational means of examining the solar corona including design studies of a solar coronagraph/ status report, 1 mar. - 31 aug. 1967	1967
19680085297	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the electroforming process	1967
19680085298	Evaluation of protective coatings for rocket engines monthly report, 1-31 oct. 1967	1967
19680085299	Cryogenic filament-wound tank evaluation monthly progress report, 23 sep. - 22 oct. 1967	1967
19680085300	Final launch criteria twx, agena vehicle 6153, ats-c mission	1967
19680085301	Computer programs quarterly report	1967
19680085302	High frequency combustion instability mathematical analysis monthly progress report	1967
19680085303	Advanced valve technology monthly progress report, 1 sep. - 1 oct. 1967	1967
19680085308	Integrated circuit, logic gate expander	1967
19680085309	H. f. antenna pull test	1967
19680085310	Development of c-261 and c-271 columbium alloys	1967
19680085312	Aerial photographic reference handbook	1967
19680085313	A critical review of impact theories	1967
19680085314	Results of tests on type ii adhesive backed pressure sensitive decal submitted by steven screen print, inc. for testing under specification mil-d-8634b qualification program	1967
19680085316	Qualification testing of b and b chemical company, inc.'s formula b and b 1657a under specification mil-r-81294/wp/ remover, paint epoxy systems	1967
19680085317	Results of tests on type ii adhesive backed pressure sensitive decal submitted by northwest screenprint co. for testing under specification mil-d-8634b qualification program	1967
19680085319	Qualification test results on h. p. smith paper company product, polymer 17 under specification mil-f-22191b	1967
19680085322	Space tourism	1967
19680085323	Evaluation of printed circuit connector, elco series 6007	1967
19680085325	Compatibility of phosphor bronze with amine- blend rocket fuel	1967
19680085326	Ten-year aging and storage program wings i through v minuteman second-stage motors and components, program progress interim engineering report, 15 nov. 1966 - 15 feb. 1967	1967
19680085330	Investigations in computer-aided design for numerically controlled production interim engineering progress report, 1 jun. - 30 nov. 1966	1967
19680085331	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors interim engineering report, 20 may - 20 aug. 1967	1967
19680085333	Quantum field theory	1967
19680085335	Earth Resources Aircraft Program Mission Summary Report	1967
19680085336	Testing data for the representative distribution	1967
19680085340	Component test report for qualification of manufacturer to company specification	1967
19680085341	Component test report for qualification of manufacturer to company specification	1967
19680085342	[No Title]	1967
19680085343	Technical quarterly progress report	1967
19680085344	High pressure studies of the solid phases of inert gases semiannual report, 1 may - 31 oct. 1967	1967
19680085345	Protective coatings for refractory metals in rocket engines monthly letter report, 25 aug. - 25 sep. 1967	1967
19680085353	Cryogenic tank support evaluation monthly progress report, 30 sep. - 31 oct. 1967	1967
19680085354	Reinforced oxide throat insert development monthly progress report, 1 oct. - 31 oct. 1967	1967
19680085355	Investigation of methods for transpiration cooling liquid rocket chambers monthly status report	1967
19680085356	Study and analysis of satellite power systems configurations for maximum utilization of power quarterly progress report, 28 nov. 1966 - 28 may 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085357	Development of analysis procedures for spacecraft structures under dynamic loading quarterly report, 23 dec. 1966 - 23 mar. 1967	1967
19680085358	Cyclic flaw growth in 2014-t62 aluminum and 6al-4v /eli/ titanium quarterly progress report, 1 jul. - 30 sep. 1967	1967
19680085359	Space storable regenerative cooling investigation monthly progress report	1967
19680085360	Leakage testing handbook progress report, feb. - 31 aug. 1967	1967
19680085361	The investigation of vertebral injury sustained during air crew ejection - further studies in the dynamic strength of vertebrae quarterly progress report, 1 may - 31 jul. 1967	1967
19680085362	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles monthly progress report, 10 sep. - 9 oct. 1967	1967
19680085363	Geoscience potentials of side-looking radar, volume 1	1967
19680085364	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive bonding process monthly report, oct. 1967	1967
19680085365	Zero-g liquid studies - critical state and drop dynamics monthly progress report	1967
19680085366	Investigation of advanced thrust chamber designs monthly progress report, 6 oct. - 6 nov. 1967	1967
19680085368	Investigation of frictional phenomena in hot metal deformation quarterly progress report	1967
19680085369	Protective coating system for a regeneratively cooled thrust chamber monthly progress report, 30 sept. - 31 oct. 1967	1967
19680085370	Space storable propellant performance program monthly progress report, oct. 1967	1967
19680085375	Photochromic materials for optical recording and processing progress report, 5 apr. - 19 jul. 1967	1967
19680085376	Liquid propellant thermal conditioning system quarterly progress report, 30 apr. - 31 jul. 1967	1967
19680085377	Simple procedure for evaluation of electron microscopic stereo-pictures	1967
19680085378	Research on energy transfer problems in superconductors and flowing plasmas annual report	1967
19680085379	Experimental thrust chamber monthly progress report	1967
19680085380	Advanced bearing study quarterly progress report, 1 jul. - 30 sep. 1967	1967
19680085388	Cryogenic filament-wound tank evaluation monthly progress report, 23 aug. - 22 sep. 1967	1967
19680085389	Zener diode reliability study	1967
19680085390	Advanced injector concepts investigation informal monthly progress report, 1 jul. - 1 aug. 1967	1967
19680085392	Chamber technology for space storable propellants quarterly report, period ending 26 sep. 1967	1967
19680085393	Lifting body research program r and d support monthly progress report, aug. 1967	1967
19680085396	Space communications quarterly technical summary	1967
19680085398	Xc-142a, vtol transport, volume no. 65 monthly progress report	1967
19680085399	Development program manual /communication and navigation systems/	1967
19680085400	Product improvement program final engineering report	1967
19680085416	Qualification test results on champion packages company, rap industries division product film-o-rap 5560 a under specification mil-f-22191b	1967
19680085417	Main tank injection pressurization monthly report, 1-30 sep. 1967	1967
19680085418	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report, 5 aug. - 5 sep. 1967	1967
19680085419	Advanced pyrolytic spacecraft thrust chamber materials monthly letter progress report, 23 jul. - 22 aug. 1967	1967
19680085420	Investigation of advanced regenerative thrust chamber designs monthly report, 16 jul. - 16 aug. 1967	1967
19680085421	Feasibility study large erectable antennas - extension monthly progress report, 15 jul. - 15 aug. 1967	1967
19680085422	Experimental and theoretical investigation of plasma radiation semiannual status report, mar. - aug. 1967	1967
19680085429	Llv progress summary charts - payloads study	1967
19680085431	A Study of Optical Data Processing and Reduction Progress Report, Jan. 1 - Jun. 30, 1967	1967
19680085432	Llv progress summary charts - llv study	1967
19680085434	Development of barrier-layer anodized aluminum for spacecraft thermal control quarterly progress report, 1 jul. - 1 oct. 1967	1967
19680085435	Study of characteristics of standard variability of composite solid propellants monthly progress report	1967
19680085436	Investigation of deep flaws in thin wall tanks monthly progress report, 1-30 sep. 1967	1967
19680085437	Mhd boundary layers involving non- equilibrium ionization quarterly report, 25 jul. - 24 oct. 1967	1967
19680085438	Liquid propellant gas absorption study quarterly progress report, 1 jul. - 1 oct. 1967	1967
19680085439	Progress at the jicamarca radar observatory informal letter progress report, 1 jul. - 30 sep. 1967	1967
19680085440	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the electroforming process monthly progress report, 4-30 sep. 1967	1967
19680085441	Fluorine lubricated bearing technology monthly report, sep. 1967	1967
19680085442	Advanced bearing study monthly progress report, 1-31 oct. 1967	1967
19680085443	Topographic distribution of the occipital visual evoked potentials in man	1967
19680085444	Spin-despin study monthly letter report, sep. 1-30, 1967	1967
19680085446	Use of the sc-4020 plotting package - version 2	1967
19680085447	Heat transfer and instability studies of two-phase flow phenomena semiannual progress report, 1 mar. - 31 aug. 1967	1967
19680085458	Molecular theory of non-newtonian fluids status report, mar. 16 - sep. 15, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085459	Measurement of intensity of turbulence in drag reducing and non-drag reducing organic solutions semiannual report, feb. 1 - aug. 1, 1967	1967
19680085460	Review of report of government/industry review group	1967
19680085468	Report of first year's results	1967
19680085469	Advanced pyrolytic spacecraft thrust chamber materials quarterly progress report, 23 jun. - 22 sep. 1967	1967
19680085470	Telemetering transducers progress report jul. - sep. 1967	1967
19680085472	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy semiannual progress report, 1 apr. - 30 sep. 1967	1967
19680085473	Dynamics of the human body in free fall semiannual report	1967
19680085475	Spacecraft antenna problems semiannual status report, 1 feb. - 31 jul. 1967	1967
19680085477	Two hundred sixty-in. motor reliability study, 17 april - 15 october 1967	1967
19680085478	Chamber technology for space storable propellants monthly progress report, period ending 26 aug. 1967	1967
19680085479	Trip report - attendance at aloc meeting, may 9, 1967, inspection of crawlerway b testing	1967
19680085480	Study of Electro-optical Data Processing and Reduction Progress Report, Jul. 1 - Sep. 15, 1967	1967
19680085482	Reentry radiation and airflow quarterly progress report, 1 jun. - 31 aug. 1967	1967
19680085483	Space storable regenerative cooling investigation monthly progress report, 1-31 oct. 1967	1967
19680085484	Rca final report for orbiting data relay network study	1967
19680085487	Centaur launch vehicle guidance evaluations and analyses monthly progress report, 1-28 feb. 1967	1967
19680085489	Apollo unified s-band radio flame effects study final report	1967
19680085490	Neutron/proton spectrometer final report	1967
19680085492	Thermodynamic improvements in lh2-turbopumps monthly status report, period ending 17 oct. 1967	1967
19680085497	Some comments on the scattering of thermal microwave radiation beneath a planetary surface	1967
19680085501	Development and demonstration of criteria for liquid fluorine feed system components monthly progress report, 1 jul. - 1 aug. 1967	1967
19680085502	Quantitative analysis of purine and pyrimidine bases as trimethylsilyl derivatives	1967
19680085503	Conduct Research on the Effects of Very Strong Magnetic Fields and of Magnetic Field-free Environments on Man and Animals Progress Report, 1 Aug. - 31 Oct. 1967	1967
19680085504	Sixth quarterly report, 6 may - 1 august 1967	1967
19680085506	Systems Cleaning Branch Facilities and Capabilities Manual	1967
19680085509	Monthly progress report, 3 june - 3 july 1967	1967
19680085510	Investigation of surface ionization on metallic surfaces quarterly progress report, 15 mar. - 15 jun. 1967	1967
19680085513	Improvement of efficiency and life of expulsion bladders quarterly report, 1 jul. - 30 sep. 1967	1967
19680085517	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process monthly progress report	1967
19680085519	The pest phenomenon in intermetallics quarterly report	1967
19680085520	Secondary zinc-oxygen cell for spacecraft applications quarterly report, 23 dec. 1966 - 23 mar. 1967	1967
19680085523	Hydrogen-fluorine engine evaluation quarterly progress report, 1 jul. - 30 sep. 1967	1967
19680085528	Auditory function of the hearing impaired progress report, 16 dec. 1966 - 15 jun. 1967	1967
19680085529	Preparation of fluoroelastomers for use with cryogenic storable propellants quarterly report, 1 jun. - 31 aug. 1967	1967
19680085530	Monthly progress report, 3 september to 3 october 1967	1967
19680085532	Investigation of discharge pressure oscillations in high pressure pumps monthly progress report, 28 aug. - 27 sep. 1967	1967
19680085533	Qualification testing of bray oil company's power transmission fluid brayco 717 /zz-394-4/ under specification mil-f-17111, ammendment-1	1967
19680085534	Report of specification mil-c-81309 /wp/ qualification test results of u. s. o. chemicals, inc. materials uso-350 grades a and b	1967
19680085535	Spacecraft rocket engine chamber insulation materials quarterly progress report, 1 jul. - 30 sep. 1967	1967
19680085536	Lunar and planetary abrasive sampling for geological analysis monthly letter report, 1-31 oct. 1967	1967
19680085539	Basic research on liquid-drop-impact erosion quarterly report, 8 jun. - 8 sep. 1967	1967
19680085540	Development of cathodic electrocatalysts for use in low temperature h2/o2 fuel cells with an alkaline electrolyte quarterly report, jul. 1 - sep. 30, 1967	1967
19680085547	Planning research in the area of launch vehicle and propulsion programs monthly progress report, 1-31 jul. 1967	1967
19680085548	Low solar absorptance and emittance surfaces utilizing vacuum deposited techniques quarterly progress report, 1 jun. - 1 aug. 1967	1967
19680085549	Mithras bny /3001/ propulsive re-entry aerodynamics /rocket plume in counterflow/ monthly status report	1967
19680085550	Studies of the penetration of high-energy through matter quarterly status report, 1 jul. - 30 sep. 1967	1967
19680085551	Far infrared rocket astronomy quarterly progress report, 1 mar. - 31 may 1967	1967
19680085552	Hydrogen-fluorine engine evaluation monthly status report, 1-31 oct. 1967	1967
19680085553	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 1-31 oct. 1967	1967
19680085554	A pilot study to determine the prospects of applying space-generated technology to the technology needs of developing nations monthly progress report, 1 oct. - 1 nov. 1967	1967
19680085555	Shadow shield development monthly progress report, 1 oct. - 1 nov. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085557	Application and flight test of the martin x- 15-2 thermal protection system monthly progress report	1967
19680085558	Development of a filament-overwrapped cryoformed metal pressure vessel monthly progress report, oct. 1967	1967
19680085559	Space environment operation of experimental hydrazine reactors contract status letter, oct. 1-31, 1967	1967
19680085560	Experimental and theoretical investigation of wind tunnel geometry, emphasizing factors pertinent to v/stol vehicle testing progress report, mar. 16 - sep. 15, 1967	1967
19680085561	Low pressure restartable oxygen/hydrogen burner monthly status report, 1-31 aug. 1967	1967
19680085562	Liquid hydrogen positive expulsion bladders monthly progress report, oct. 1-31, 1967	1967
19680085563	Improved fuel cell electrical power system monthly technical progress report, aug. 20 - sep. 20, 1967	1967
19680085564	Shadow shield development monthly progress report, 31 jul. - 31 aug. 1967	1967
19680085568	Centaur launch vehicle guidance evaluations and analyses monthly progress report, 1-28 feb. 1967	1967
19680085569	Space storable thruster investigation monthly progress report, 1-31 aug. 1967	1967
19680085570	Space storable thruster investigation monthly progress report, 1 - 31 jul. 1967	1967
19680085571	Reinforced oxide throat insert development monthly progress report, 1-31 aug. 1967	1967
19680085572	Space storable propellant performance monthly progress report, 25 jul. - 31 aug. 1967	1967
19680085573	Modification of ablation program for ablation in more than one layer monthly report, 5 jul. - 4 aug. 1967	1967
19680085574	Space storable regenerative cooling investigation monthly progress report	1967
19680085575	Cryogenic filament-nound tank evaluation monthly progress report, 23 jun. - 22 jul. 1967	1967
19680085576	Space storable propellant performance program monthly progress report	1967
19680085577	Investigation of inducer dynamics, partial flow turbine drive monthly progress report	1967
19680085582	Theoretical and experimental studies of antennas for reflectometer application semiannual status report, 1 dec. 1966 - 31 may 1967	1967
19680085583	Study of the martian atmospheric environmental requirements for spacecraft and re-entry vehicles quarterly progress report, 15 feb. - 15 may 1967	1967
19680085584	Investigation of nonequilibrium flow effects in hydrogen-fluorine rocket nozzles quarterly progress report, 10 may - 9 aug. 1967	1967
19680085587	Development of Non-destructive Methods for Determining Residual Stress and Fatigue Damage in Metals Monthly Progress Report	1967
19680085591	Development Status for Arc Guidance Weld Observation Systems and a Review of Process Control Parameters	1967
19680085592	Nimbus b program milestone schedule report	1967
19680085599	Study of laser deposited thin films quarterly report, 4 may - 4 aug. 1967	1967
19680085601	Development of a protective coating system for regeneratively cooled thrust chambers monthly progress report, jul. 1-30, 1967	1967
19680085605	The application of ergonomics /human engineering/ in the development of mapping, charting and geodetic equipment	1967
19680085606	Development and demonstration of criteria for liquid fluorine feed system components monthly progress report, 1 aug. - 1 sep. 1967	1967
19680085610	Rheology of disperse fluid systems, 1 june 1966 - 30 november 1967	1967
19680085611	Design analysis and fabrication ogo-e experiment containers final report	1967
19680085612	Cryogenic high modulus composites monthly progress report, 1-30 nov. 1967	1967
19680085613	The evaluation of the hiac counter for contamination analysis of hydraulic fluids	1967
19680085618	A study of hydrogen embrittlement of various alloys quarterly progress report, 24 jun. - 30 sep. 1967	1967
19680085619	Master time generator final report	1967
19680085620	Development and evaluation of a binder system for an advanced solid propellant oxidizer monthly progress report for dec. 1966	1967
19680085625	Investigation of a tandem row high head pump inducer progress report, 1-31 aug. 1967	1967
19680085626	Stability of solutions to partial differential equations semiannual status report, 1 may - 31 oct. 1967	1967
19680085635	X-15 full scale ablator application monthly progress report	1967
19680085636	Lightweight multi-layer insulation system monthly progress report, 1-31 oct. 1967	1967
19680085638	Cryogenic tank support evaluation monthly progress report, 30 jun. - 31 jul. 1967	1967
19680085639	Techniques for fabricating rocket engine components containing intricate flow patterns monthly report, jul. 1967	1967
19680085641	Theoretical and experimental studies of the nature and characteristics of space-related plasma resonance phenomena	1967
19680085645	Low thrust solid and hybrid propulsion systems, phase 2	1967
19680085650	Low thrust solid and hybrid propulsion systems /phase 2/ monthly status report, sep. 1967	1967
19680085651	F-4k airplane demonstration planning, progress and data report. volume 5 - equipment and avionic systems demonstration data	1967
19680085654	Study of the mechanics of non-newtonian fluids quarterly status report, period ending 26 sep. 1967	1967
19680085655	Low thrust solid and hybrid propulsion systems monthly status report	1967
19680085656	Advanced injector concepts investigation monthly progress report, 1 sep. - 1 oct. 1967	1967
19680085657	Tank insulation program monthly progress report, 3 feb. - 3 mar. 1967	1967
19680085664	Lunar and planetary abrasion sampling for geological analysis monthly letter report, 6 jul. - 31 aug. 1967	1967
19680085667	Tank insulation program monthly progress report, 3 oct. - 3 nov. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085671	(Interactions Between the Thermal Protection Material for the Mariner Class Spacecraft (Entry Probe) and its Environment.) First Quarterly Progress Report, 1 June - 1 September, 1967	1967
19680085673	Development and optimization of pyrnone polymers monthly report, 22 jul. - 21 aug. 1967	1967
19680085675	Mithras bny /3001/ propulsive re-entry aerodynamics /rocket plume in counterflow/ monthly status report	1967
19680085676	Non-personal technical, engineering and scientific support to the systems division progress report, 1-31 aug. 1967	1967
19680085677	A study toward development of an automated microbial metabolism laboratory monthly progress report	1967
19680085678	Non-personal technical, engineering and scientific support to the projects directorate progress report	1967
19680085681	Theoretical research on interstellar dust and its interaction with ultraviolet radiation semiannual status report, 1 mar. - 31 aug. 1967	1967
19680085682	Effects of high and low barometric pressures on susceptibility and resistance to infection quarterly status report, 1 apr. - 30 jun. 1967	1967
19680085683	Three axis angular accelerometer technical progress report, 1 jul. - 9 aug. 1967	1967
19680085684	Ignition of oxygen difluoride and lpg's monthly progress report, 1-31 oct. 1967	1967
19680085685	Low pressure restartable oxygen/hydrogen burner quarterly progress report, 1 jun. - 31 oct. 1967	1967
19680085687	Monthly progress report, august 15 - september 15, 1967	1967
19680085688	System analysis of gelled space-storable propellants quarterly progress report, 4 aug. - 3 nov. 1967	1967
19680085689	Spacecraft rocket engine chamber insulation materials monthly progress report, period ending 31 oct. 1967	1967
19680085691	Space environment operation of experimental hydrazine reactors contract status letter, 1-30 sep. 1967	1967
19680085692	World-wide cloud coverage study progress report, 18 jan. - 28 feb. 1967	1967
19680085693	RI10 rocket engine monthly technical report, 1 sep. - 1 oct. 1967	1967
19680085703	Investigations of electron emission characteristics of low work function surfaces quarterly report, 28 mar. - 27 jun. 1967	1967
19680085713	Monthly progress report, august 1967	1967
19680085715	Advanced experimental thrust chamber monthly progress report, period ending 30 sep. 1967	1967
19680085716	Investigation of advanced thrust chamber designs monthly progress report, 6 sep. - 6 oct. 1967	1967
19680085717	Experimental verification of surface vehicle dynamics monthly progress report, 5-30 jun. 1967	1967
19680085721	Theoretical investigations in atmospheric physics progress report, may 1 - oct. 31, 1967	1967
19680085722	Provide comparative optical and oxone data for ogo 4 ultraviolet monochromator ozone measurements quarterly progress report, jun. 1 - aug. 31, 1967	1967
19680085724	Develop microwave imaging and spectral systems for use in orbiting spacecraft semiannual report, mar. 1 - aug. 31, 1967	1967
19680085725	Studies related to manned space science problems letter report, sep. 1-30, 1967	1967
19680085726	Research investigation of the decomposition of composite solid propellants quarterly status letter no. 4, jul. 1 - sep. 30, 1967	1967
19680085739	Far infrared rocket astronomy quarterly progress report, jun. 1 - aug. 31, 1967	1967
19680085740	Development of a rocket-borne cryogenic air sampler and its application to upper atmosphere aerosol and trace gas research quarterly status report, 15 jun. - 15 sep. 1967	1967
19680085741	Liquid propellant thermal conditioning system quarterly progress report, 31 jul. - 31 oct. 1967	1967
19680085747	Meteoroid bumper interactions program monthly progress report, 17 sep. - 31 oct. 1967	1967
19680085749	X-15 full scale ablator application monthly progress report	1967
19680085751	Snap 50/spur nuclear mechanical power unit experimental research and development program. part 3 - seals, materials facilities and auxiliary power supply final technical report, may 1962 - dec. 1966	1967
19680085762	Heat transfer to a gas containing a cloud of particles semiannual status report	1967
19680085763	Saturn 5 launch vehicle digital computer monthly progress report	1967
19680085766	Development of a filament-overwrapped cryoformed metal pressure vessel monthly progress report, sept. 1967	1967
19680085768	260-inch motor reliability study monthly progress report, 20 may - 16 jun. 1967	1967
19680085771	Space storable propellant performance monthly progress report, 1-30 sep. 1967	1967
19680085772	A study of the chemosynthetic gas exchanger quarterly progress report, jun. 15 - sep. 14, 1967	1967
19680085774	Analytical study of catalytic reactors for hydrazine decomposition monthly progress report, aug. 15 - sep. 14, 1967	1967
19680085776	Asymptotic flows of jets exhausting to vacua	1967
19680085780	260-inch motor reliability study monthly progress report, 15 jul. - 18 aug. 1967	1967
19680085782	Advanced Injector Concepts Investigation Informal Monthly Progress Report, 1 Mar. - 1 Apr. 1967	1967
19680085784	High frequency combustion instability mathematical analysis monthly progress report, 27 aug. - 26 sep. 1967	1967
19680085786	Liquid propellant gas absorption study monthly progress report, jul. 1967	1967
19680085789	Analytical comparison of cesium and potassium as rankine cycle working fluids for space power plants monthly progress report, aug. 1967	1967
19680085794	C-1 program weekly status report, 7-13 april 1966	1967
19680085803	Post test analysis of ablative materials monthly letter report	1967
19680085804	Investigations of dust in the upper atmosphere by optical radar semiannual report, jan. 1 - jun. 30, 1967	1967
19680085805	Monthly progress report, october 16 - november 15, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085807	Loft low frequency telescope	1967
19680085809	Coatings for advanced thrust chambers	1967
19680085810	Systems analysis of clustered aap missions 1 through 4	1967
19680085811	Research program to extend cascade data to liquids and higher inlet angles monthly progress report, sep. 30 - oct. 31, 1967	1967
19680085813	Preliminary communication system design for the ascent and rendezvous mission phases of a manned mars landing mission	1967
19680085817	An experiment to measure the gamma ray flux of various celestial point sources from high altitude balloons semiannual progress report, apr. 22 - oct. 22, 1967	1967
19680085818	Monthly status report, august 1-31, 1967	1967
19680085849	Testing and evaluation of the ftd circ system, 15 february 1966 - 15 february 1967	1967
19680085851	Surveillance inspection test on resistor, fixed, carbon film, molded or dipped 0.750 watts	1967
19680085852	Evaluation test report for relay armature	1967
19680085853	Measurements of flow patterns in a jet-driven vortex	1967
19680085854	Evaluation of mallory capacitor co. wet tantalum capacitor, military style cl 65	1967
19680085855	Lssm for apollo applications program, additional tasks, volume 2 - interface analysis and integration support study, book 1 final report	1967
19680085856	Advanced pyrolytic spacecraft thrust chamber materials monthly letter progress report, 23 oct. - 22 nov. 1967	1967
19680085860	Results of tests on type ii pressure sensitive adhesive backed film submitted by canrad precision industries, inc. for testing under specification mil-f-8799a qualification program	1967
19680085861	Component test report for qualification of manufacture to company specification	1967
19680085863	Advanced injector concepts investigation monthly progress report, 1 oct. - 1 nov. 1967	1967
19680085864	Specified lssm supplemental studies, volume 1. part a - lssm interface compatibility assurance plan. part b - lssm integration center support plan	1967
19680085870	Novel techniques for ruling improved large diffraction gratings semiannual status report, 1 dec. 1966 - 31 may 1967, final report, 1 jun. - 30 nov. 1967	1967
19680085871	Lightweight multi-layer insulation system monthly progress report, 1-30 sep. 1967	1967
19680085872	Monthly status report, 1-30 september 1967	1967
19680085873	Cryogenic tank support evaluation monthly progress report, 31 jul. - 31 aug. 1967	1967
19680085874	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 30 jun. - 31 jul. 1967	1967
19680085877	Computer classification of intelligence-type documents final report	1967
19680085879	Weapon system 133b - program progress research and development stage i minuteman status report, 1 apr. - 30 jun. 1967	1967
19680085880	Conduct analytical, theoretical, and experimental studies of geomagetically trapped particles	1967
19680085884	Bi-monthly technical report number 12	1967
19680085886	Space storable regenerative cooling investigation monthly progress report, aug. 1967	1967
19680085887	Protective coating system for a regeneratively cooled thrust chamber monthly progress report, 1-29 jul. 1967	1967
19680085890	Lightweight multi-layer insulation system monthly progress report, 1-31 jul. 1967	1967
19680085891	Liquid hydrogen positive expulsion bladders monthly progress report, 1-31 aug. 1967	1967
19680085892	Investigation of deep flaws in thin wall tanks monthly progress report 1-31 aug. 1967	1967
19680085893	Investigation of deep flaws in thin wall tanks	1967
19680085895	Mithras bny /3001/. propulsive re-entry aerodynamics /rocket plume in counterflow/	1967
19680085896	Meteorological observations in Canada monthly record, Mar. 1967	1967
19680085897	Ndt survey of silica fabric/phenolic and graphite fabric/phenolic laminated billets	1967
19680085898	Study of dynamic and static seals for liquid rocket engines quarterly report, 1 jul. - 30 sep. 1967	1967
19680085899	Tantalum alloy structural fasteners interim technical report, 15 mar. - 15 aug. 1967	1967
19680085900	Development of polyurethane spray foam insulation	1967
19680085901	Progress report number 6	1967
19680085904	Main tank injection pressurization monthly report, 1-31 jul. 1967	1967
19680085905	Aluminum bonded lead telluride thermoelectric module research and development quarterly report, 1 nov. 1966 - 1 feb. 1967	1967
19680085906	Protective coating system for a regeneratively cooled thrust chamber monthly progress report, 1-30 sep. 1967	1967
19680085907	Inducer dynamics partial-flow turbine drive monthly progress report	1967
19680085908	Space storable regenerative cooling investigation monthly progress report, 1-31 aug. 1967	1967
19680085909	Ace-s/c quarterly progress report, 15 apr. - 15 jul. 1967	1967
19680085910	Qualification test transistor, avion scd051265 rev. d /similar 2n 3748/	1967
19680085912	Results of tests on type 2 adhesive backed pressure sensitive decal submitted by morgan adhesives company for testing under specification mil-d-8634b qualification program	1967
19680085916	Investigation of instabilities of atmospheric flow systems associated with clear air turbulence quarterly progress report, 16 may - 15 aug. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680085917	Research in electrohydrodynamics and traveling-wave electromechanical energy conversion quarterly report, 1 feb. - 30 apr. 1967	1967
19680085918	Nonlinear aspects of combustion instability in liquid propellant rocket motors quarterly status report, 1 jun. - 31 aug. 1967	1967
19680085919	Mariner 4 plasma experiment data analysis status report, 1 jan. - 30 jun. 1967	1967
19680085920	Investigation and optimization of cryogenic stretch formed alloys for improved rocket case development interim report, 1 aug. - 31 oct. 1967	1967
19680085921	Propellant selection for spacecraft propulsion systems monthly status letter, 6 nov. - 5 dec. 1967	1967
19680085922	Nonpersonal scientific and engineering services in support of the spacecraft technology division quarterly evaluation report, mar. - may 1967	1967
19680085923	Resistor capacitor network	1967
19680085924	Measurement of transition probabilities for selective elements in the lanthanide group progress report, 1 jul. - 29 sep. 1967	1967
19680085927	Research in the development of an improved multiplier phototube	1967
19680085928	Coatings for advanced thrust chambers	1967
19680085929	Development of liquid oxygen positive expulsion bladders monthly progress report, 1-31 oct. 1967	1967
19680085934	Test and evaluation of miniature lamps final development report	1967
19680085936	Semiannual report, january 1 - june 30, 1967	1967
19680085940	Chamber technology for space storable propellants monthly progress report, period ending 26 nov. 1967	1967
19680085942	International university fellowships in space science annual summary and quarterly report	1967
19680085949	Studies of fmir detection system quarterly progress report	1967
19680085951	Deposition of selected synthetic lubricants in the rtd seal rig final report, 1 jan. 1966 - 2 jan. 1967	1967
19680085952	A rocket experiment to measure the extreme ultraviolet dayglow quarterly status report	1967
19680085953	Monthly Technical Progress Report for October 1967	1967
19680085961	Meeting of the heads of control laboratories in north-western europe, march 30 and 31, 1967, in the laboratory for applied physics technological university, delft - the netherlands	1967
19680085964	Effect of polar organic solvents on enzyme action quarterly report, 19 jul. - 18 oct. 1967	1967
19680085966	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 1-31 aug. 1967	1967
19680085967	Development of a filament-overwrapped cryoformed metal pressure vessel monthly progress report, jul. 1967	1967
19680085971	Investigation of a 30,000 rpm turbine-driven hydraulic pump quarterly progress report, 1 jul. - 30 sep. 1967	1967
19680085976	Reliability analysis for the remote multiplexed instrumentation system ground instrumentation equipment	1967
19680085978	Mission Engineering Study of Electrically Propelled Manned Planetary Vehicles	1967
19680085981	Variable stability demonstration program at edwards air force base	1967
19680085982	Procedures manual for planetary spacecraft to be sterilized by heating. volume 3 - biological handbook for engineers	1967
19680085994	Investigation of instabilities of atmospheric flow systems associated with clear air turbulence quarterly progress report, 16 aug. - 15 nov. 1967	1967
19680085995	Minimum pressure loss in high velocity flow duct systems monthly progress report, 1-30 nov. 1967	1967
19680085996	Study of spaceborne multiprocessing quarterly report	1967
19680086005	The investigation of vertebral injury sustained during air crew ejection - further studies in the dynamic strength of vertebrae quarterly progress report, 1 feb. - 30 apr. 1967	1967
19680086006	Development and optimization of pyrrene polymers monthly report, 22 may - 21 jun. 1967	1967
19680086008	Fabrication of solid rocket nozzle from a composite material of boron filaments or fibers monthly report	1967
19680086010	Real-time height profiles of electron density and wind velocity from ionospheric radio soundings status report, jun. 1 - aug. 31, 1967	1967
19680086011	Development of a protective coating system for regeneratively cooled thrust chambers monthly progress report, sep. 1-30, 1967	1967
19680086013	Atomic physics - scattering and bound states semiannual report, apr. 1 - sep. 30, 1967	1967
19680086015	Experimental studies of auroral phenomena by means of rockets final report	1967
19680086016	Development and demonstration of criteria for liquid fluorine feed system components monthly report, 1 sep. - 1 oct. 1967	1967
19680086017	Development of an effective reliable lift-off seal for use in advanced turbomachinery monthly report, aug. 1967	1967
19680086019	Coatings for advanced thrust chambers monthly report, jul. 1967	1967
19680086020	Coatings for advanced thrust chambers monthly report, aug. 1967	1967
19680086021	Rocket engine ablative material phenomena monthly progress report, 1-31 aug. 1967	1967
19680086022	Generalized method of propeller performance estimation	1967
19680086025	Properties of powdered titanium alloys monthly progress report, 30 oct. - 3 dec. 1967	1967
19680086027	Modification of ablation program for ablation in more than one layer monthly report, 5 nov. - 4 dec. 1967	1967
19680086028	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process monthly progress report for nov. 1967	1967
19680086029	Coatings for regenerative engines monthly report for nov. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086030	Space vehicle cleaning and chemical processing final report	1967
19680086031	Circadian rhythms in primates as influenced by latitude, longitude, gravity and confinement	1967
19680086043	RI10 rocket engine monthly technical report, 1 oct. - 1 nov. 1967	1967
19680086044	Aircraft designer's handbook for titanium and titanium alloys	1967
19680086051	Space storable regenerative cooling investigation monthly progress report, jul. 1-31, 1967	1967
19680086055	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process monthly progress report for aug. 1967	1967
19680086062	Coatings for regenerative engines monthly report	1967
19680086068	Cold helium solenoid valve vibration tests	1967
19680086072	Signal generator hewlett-packard model e69-8616a	1967
19680086076	Theoretical and experimental evaluation of inelastic neutron scattering and other neutron induced reactions for remote surface analysis semiannual report, 1 apr. - 30 sep. 1967	1967
19680086080	Design, development, fabrication, and installation of the 105-inch lunar and planetary telescope at mcdonald observatory quarterly status report, 23 jun. - 22 sep. 1967	1967
19680086086	Low-level critical air turbulence technical monthly progress report, 6 may - 5 jun. 1967	1967
19680086087	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process monthly progress report	1967
19680086090	Component parts screening data reduction system	1967
19680086091	Investigation of inducer dynamics, partial flow turbine drive monthly progress report, 28 oct. 1967	1967
19680086093	Development and demonstration of criteria for liquid fluorine feed system components monthly report, 1 oct. - 1 nov. 1967	1967
19680086096	Main tank injection pressurization monthly report, 1-31 oct. 1967	1967
19680086097	An experimental investigation of the adaptive potential of species or populations of mammals for withstanding environmental stressors semiannual status report, 1 jan. - 30 jun. 1967	1967
19680086098	Physiology and metabolism of hydrogenomonas eutropha quarterly report, 1 jun. - 31 aug. 1967	1967
19680086102	Protective coatings for refractory metals in rocket engines monthly letter report, 25 sep. - 25 oct. 1967	1967
19680086107	Development of improved potting and encapsulating compounds for space applications	1967
19680086111	Cryogenic alloy screening monthly progress report, 28 sep. - 27 oct. 1967	1967
19680086115	Evaluation testing of protective coatings on refractory metals	1967
19680086120	Generalized parallel redundancy in digital computers	1967
19680086121	Investigation of interface friction between tool and workpiece materials under conditions of plastic deformation quarterly progress letter, 1 oct. - 31 dec. 1966	1967
19680086125	Manned Space Flight Emergency Concepts	1967
19680086127	High frequency combustion instability mathematical analysis quarterly progress report, 27 apr. - 26 jul. 1967	1967
19680086130	Study of characteristics of standard variability of composite solid propellants monthly progress report for oct. 1967	1967
19680086131	Techniques for fabricating rocket engine components containing intricate flow channels monthly report for oct. 1967	1967
19680086135	On a kinetic equation for and the dynamical friction of a particle in a plasma - a phenomenological approach	1967
19680086145	Apollo-saturn v, tape recorder test s-ivb flight stage	1967
19680086153	Protective coatings for refractory metals in rocket engines quarterly report, 25 may - 25 aug. 1967	1967
19680086165	Study of variable mesh methods of differential equations semiannual report, 13 dec. 1966 - 12 jun. 1967	1967
19680086166	Aberrations of radio signals traversing the auroral ionosphere progress report, 1-30 jun. 1967	1967
19680086167	Liquid propellant thermal conditioning system monthly progress report, 31 oct. - 30 nov. 1967	1967
19680086168	Spacecraft rocket engine chamber insulation materials monthly progress report, period ending 31 jul. 1967	1967
19680086170	On large deviations of linear rank statistics	1967
19680086171	Command/service module systems handbook	1967
19680086175	Data information and message exchange /dimex/	1967
19680086176	Cyclic flaw growth in 2014-t62 aluminum and 6a1-4v/eli/ titanium monthly progress report, 1-30 nov. 1967	1967
19680086177	Low pressure restartable oxygen/hydrogen burner monthly status report	1967
19680086178	High frequency combustion instability mathematical analysis monthly progress report, 27 oct. - 26 nov. 1967	1967
19680086182	Planning report for flight investigation of longitudinal short period frequency requirements and pio tendency for a wheel control, low limit load factor airplane	1967
19680086184	Two stage bipropellant injection system studies monthly progress report	1967
19680086185	Monthly letter report, 1-30 november 1967	1967
19680086186	Cryogenic tank support evaluation monthly progress report, 31 oct. - 30 nov. 1967	1967
19680086190	Development and qualification of improved fluid connectors technical progress report, oct. 1967	1967
19680086191	Evaluation of protective coatings for rocket engines monthly report, sep. 1-30, 1967	1967
19680086192	Cavitation studies in liquid hydrogen quarterly report, 1 apr. - 30 jun. 1967	1967
19680086193	The development and characterization of new storable propellant bladder materials monthly progress report, aug. 26 - sep. 29, 1967	1967
19680086194	Development and qualification of improved fluid connectors technical progress report, sep. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086199	High level acceleration test of the r2314 ge relay	1967
19680086201	Tos mission operations plan for wtr launches	1967
19680086202	Capacitor requalification	1967
19680086204	Qualification testing of b&b chemical company, inc.'s formula b&b 119-s under federal specification p-c-444, type i	1967
19680086207	Biweekly flight test summary, period ending 13 may 1967	1967
19680086211	Fabrication techniques for shrouded titanium impeller quarterly progress report, period ending 30 sep. 1967	1967
19680086212	Development of a rapid stress-corrosion test for aluminum alloys quarterly progress report, 1 jun. - 1 sep. 1967	1967
19680086216	High resolution studies of celestial x-ray sources using a sounding rocket monthly progress report, 1-30 nov. 1967	1967
19680086217	Research program to extend cascade data to liquids and higher inlet angles monthly progress report, 31 oct. - 30 nov. 1967	1967
19680086218	Modification of ablation program for ablation in more than one layer monthly report, 5 sep. - 4 oct. 1967	1967
19680086219	260-inch motor reliability study monthly progress report, 19 aug. - 15 sep. 1967	1967
19680086221	Real-time simulation of x-15 skin temperatures final report	1967
19680086228	Cryogenic tank support evaluation monthly progress report, 31 aug. - 30 sep. 1967	1967
19680086229	Monthly progress report, september 15 - october 15, 1967	1967
19680086230	Rocket engine ablative material phenomena monthly progress report, 1-30 sep. 1967	1967
19680086231	Experimental verification of surface vehicle dynamics monthly progress report, 1-30 sep. 1967	1967
19680086232	Ignition of oxygen difluoride and lpg's monthly progress report, 1-30 nov. 1967	1967
19680086234	Spacecraft rocket engine chamber insulation materials monthly progress report, period ending 30 nov. 1967	1967
19680086235	Development of a filament-overwrapped cryoformed metal pressure vessel monthly progress report, nov. 1967	1967
19680086241	Space storable regenerative cooling investigation monthly progress report for aug. 1967	1967
19680086242	Techniques for fabricating rocket engine components containing intricate flow patterns monthly report for sep. 1967	1967
19680086243	An investigation of the influence of cyclic prestressing on fatigue of metals	1967
19680086244	Protective coatings for refractory metals in rocket engines monthly letter report, 25 oct. - 25 nov. 1967	1967
19680086245	Advanced bearing study monthly progress report	1967
19680086246	Development of liquid oxygen positive expulsion bladders monthly progress report, 1-30 nov. 1967	1967
19680086248	Engine effect on sonic boom, part 1. Unsteady engine inlet interaction, part 2 progress report, jun. - nov. 1967	1967
19680086249	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations quarterly progress report, 5 apr. - 5 jul. 1967	1967
19680086252	Improvement of efficiency and life of expulsion bladders and diaphragms monthly status letter for nov. 1967	1967
19680086253	Nonlinear aspect of combustion instability in liquid propellant rocket motors quarterly status report, 1 sep. - 30 nov. 1967	1967
19680086254	Study, fabrication, and testing of a foil bearing rotor support system quarterly report, period ending 15 nov. 1967	1967
19680086255	Ft4a-2 laboratory sulfidation testing, laboratory component testing final report	1967
19680086256	Space environment operation of experimental hydrazine reactors status letter, 1-30 nov. 1967	1967
19680086273	Feasibility study for development of a hypergolic engine space power system monthly letter progress report, 14-31 may 1965	1967
19680086274	Thermodynamic improvements in lh2-turbopumps monthly status report, period ending 17 sep. 1967	1967
19680086275	Nicd space battery test data. analysis project, phase 2 quarterly report, 1 may - 31 jul. 1967	1967
19680086279	Monthly progress report, 9 jul. - 9 aug. 1967	1967
19680086280	The effect of a raised intrapulmonary pressure on the lungs of fresh unchilled bound and unbound cadavers	1967
19680086284	Detail specification for the lockheed hercules long range cargo and troop carrier transport model c-130e. lockheed model 382c-44f-05	1967
19680086286	Planning research in the area of launch vehicle and propulsion programs progress report, aug. 1967	1967
19680086288	Automation preliminary report	1967
19680086289	Comments concerning meteoroid/asteroid spacecraft design policy for a manned mars twilight flyby mission	1967
19680086291	Flox/methane pump-fed engine study quarterly progress report, 6 jul. - 5 oct. 1967	1967
19680086292	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive bonding process monthly report, nov. 1967	1967
19680086293	Development and demonstration of criteria for liquid fluorine feed system components monthly report, 1 nov. - 1 dec. 1967	1967
19680086294	Coatings for advanced thrust chambers monthly report	1967
19680086295	Cryogenic high modulus composites monthly progress report, 1-31 oct. 1967	1967
19680086296	The adsorption of gases on stainless steel in the pressure range 10-10 to 10-3 torr	1967
19680086297	Development of a scanning system for the mariner spacecraft quarterly report, 1 aug. - 31 oct. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086299	Aircraft ground-flotation investigation part 21 - data report on light-load traffic tests, 1964-1965	1967
19680086301	Liquid propellant gas absorption study monthly progress report for aug. 1967	1967
19680086303	New fluorine-containing elastomers for space-propulsion applications monthly progress report	1967
19680086304	Fabrication of solid rocket nozzle from a composite material of boron filaments or fibers monthly report, 1-31 aug. 1967	1967
19680086308	Reinforced oxide throat insert development monthly progress report, 1-30 nov. 1967	1967
19680086309	Evaluation testing of protective coatings on refractory metals	1967
19680086310	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants progress report, 1-30 nov. 1967	1967
19680086311	Flox/methane pump-fed engine study monthly progress report, 6 nov. - 5 dec. 1967	1967
19680086312	High temperature protective coatings for refractory metals progress report, 21 apr. - 21 jul. 1967	1967
19680086315	Scientific research in czechoslovakia	1967
19680086316	Delta-40, pioneer-b final field report	1967
19680086317	Payload capabilities for apollo applications missions	1967
19680086318	Proposed communications systems for the first aap cluster mission and alternatives	1967
19680086319	Investigation of the Soundness of the Proposed Method for Linear Problems, and Investigation of the Differential Equations of Nonlinear Shell Theory	1967
19680086321	Thermodynamic improvements in lh2 turbopumps quarterly progress report, period ending 17 nov. 1967	1967
19680086322	Propellant selection for spacecraft propulsion systems quarterly status letter no. 3, 5 jul. - 6 oct. 1967	1967
19680086326	Pem for filters, upper sideband /1.75 mc/ quartz crystal filters type el-fr/x-1/ quarterly progress report, 1 oct. 1966 - 30 jun. 1967	1967
19680086328	Specified lssm supplemental studies, volume 3 - extended-range lssm studies final technical report	1967
19680086329	Repair potential of polysulfide sealants	1967
19680086331	Experimental verification of surface vehicle dynamics monthly progress report, 1-30 sep. 1967	1967
19680086332	Development of solid state bonding technique progress report	1967
19680086339	Apollo-saturn v countdown and launch support directive	1967
19680086341	Procedures manual for planetary spacecraft to be sterilized by heating. volume 1 - design guidelines	1967
19680086346	Retrieval of aerodynamic heating information. part 1. unclassified materials	1967
19680086350	Test and simulation program study, volume 2 specified lssm supplemental studies	1967
19680086355	Investigation of rheopexy of nitrogen tetroxide propellant monthly progress report, 9 may - 9 jun. 1967	1967
19680086359	Qualification testing of washington chemical sales, inc. formula number fmc-966 under specification mil-c-5543a cleaning compound, washing machine, aircraft metal parts	1967
19680086362	Study program on /30-100 ghz/ electronically steerable antenna systems quarterly report, 20 jan. - 20 apr. 1967	1967
19680086364	Report of tests for evaluation of relays per ektr-352	1967
19680086367	Research directed toward design of instrumentation for investigations of aerospace by rocket and satellite probe techniques final report	1967
19680086376	Semiannual report, may 1, 1967 - october 31, 1967	1967
19680086382	Apollo-saturn v space vehicle swing arm overall test	1967
19680086385	Computer aided management - the use of the computer as an assistance in the art of management in the aerospace environment	1967
19680086392	Rendezvous vehicle /rv/ - mission module /mm/ rendezvous at the sphere of influence for the 1975 manned mars encounter mission	1967
19680086393	Mechanisms of deterioration and formulation of space diets final report, may 15, 1966 - may 15, 1967	1967
19680086394	Rf discharge investigation	1967
19680086395	C.v.d. progress report, nov. 1966 - apr. 1967	1967
19680086399	Target signature analysis center - data compilation, second supplement	1967
19680086406	Ground based television support for particle acceleration flight quarterly report, 15 jun. - 14 sep. 1967	1967
19680086407	Research on meteorites and cosmic rays semiannual report, 15 mar. - 15 sep. 1967	1967
19680086408	A general study of boiling in a swirling flow semiannual status report, 1 jan. - 30 jun. 1967	1967
19680086409	Quarterly status report, 1 may - 31 jul. 1967	1967
19680086410	Development of an accelerated stress-corrosion test for ferrous and nickel alloys quarterly progress report, 1 jul. - 30 sep. 1967	1967
19680086414	System analysis of gelled space-storable propellant monthly progress report, 4 nov. - 3 dec. 1967	1967
19680086415	Development of secondary cadmium-oxygen cells for spacecraft applications quarterly report, 1 apr. - 30 jun. 1967	1967
19680086416	Production engineering measure for improvement of production techniques to increase the reliability of silicon transistor type 2n3055 quarterly progress report, 1 mar. - 31 mar. 1967	1967
19680086427	Investigation of gas temperature measurements using ultraviolet excitation semiannual status report, mar. 1 - aug. 31, 1967	1967
19680086428	Space storable thruster investigation monthly progress report, 1-31 oct. 1967	1967
19680086449	Development of a filament-overwrapped cryoformed metal pressure vessel monthly progress report for aug. 1967	1967
19680086452	Nonequilibrium gasdynamics quarterly report, period ending 30 sep. 1967	1967
19680086481	Chamber technology for space storable propellants monthly progress report, period ending 26 oct. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086483	Development of a high strength aluminum alloy, readily weldable in plate thicknesses, and suitable for application at minus 432 deg f /minus 253 deg c/ progress report, 1 nov. - 30 nov. 1966	1967
19680086485	Ionospheric electron density studies and computations states report, 1 jun. - 31 oct. 1967	1967
19680086487	Modification of ablative program for ablation in more than one layer monthly report, 5 oct. - 4 nov. 1967	1967
19680086488	Launch information letter for the lunar orbiter project, mission 5, agena vehicle 6634	1967
19680086489	Techniques for fabricating rocket engine components containing intricate flow patterns monthly report, aug. 1967	1967
19680086491	Study of limit cycle behavior for an on-off attitude control system using linear signal mixing technical report, 28 oct. 1963 - 30 sep. 1964	1967
19680086492	Study of minimum pressure loss in high velocity duct systems quarterly report	1967
19680086496	Cyclic flaw growth in 2014-t62 aluminum and 6ai-4v /eli/ titanium monthly progress report, 1-31 oct. 1967	1967
19680086561	Cyclic flaw growth in 2014-t62 aluminum and 6ai-4v /eli/ titanium quarterly progress report, 1 oct. - 31 dec. 1967	1967
19680086563	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen quarterly progress report, period ending 31 dec. 1967	1967
19680086564	Investigation of magnetospheric physics progress report, period ending 30 nov. 1967	1967
19680086565	Coatings for regenerative engines monthly report, dec. 1967	1967
19680086566	Operation of cosmic-ray neutron multiplicity monitor quarterly progress report, 25 sep. - 25 dec. 1967	1967
19680086568	Apollo/saturn post launch reports plan /all missions/	1967
19680086569	Slush hydrogen fluid characterization and instrumental analysis progress report, 1 nov. 1966 - 24 jan. 1967	1967
19680086580	Rectifier - silicon - plastic package - reliability evaluation /international rectifier 10 d6/	1967
19680086589	Brayton cycle turboalternator monthly progress report, 1-31 dec. 1966	1967
19680086591	Investigation of advanced thrust chamber designs monthly progress report, 6 nov. - 6 dec. 1967	1967
19680086592	Operation of cosmic-ray neutron multiplicity monitor quarterly progress report, 25 sep. - 25 dec. 1967	1967
19680086595	Brayton cycle turboalternator monthly progress report, 1-31 may 1967	1967
19680086596	Brayton cycle turboalternator monthly progress report, 1-30 apr. 1967	1967
19680086597	Brayton cycle turboalternator monthly progress report, 1-31 mar. 1967	1967
19680086600	Two-hundred sixty inch motor reliability study monthly progress report, 25 nov. - 22 dec. 1967	1967
19680086605	Studies of the excitation and collisional deactivation of the measurable a3 state of nitrogen in the aurora and day airglow letter progress report	1967
19680086606	Development of thin film reinforcement metal matrix composites bimonthly progress report no. 2, 1 aug. - 3 sep. 1967	1967
19680086607	Reinforced oxide throat insert development monthly progress report, 1-30 sep. 1967	1967
19680086610	Measurement of transition probabilities for selective elements in the lanthanide group quarterly report, 1 oct. - 31 dec. 1967	1967
19680086612	Preliminary evaluation of in-102 and inconel 625	1967
19680086615	Results of tests on primer, zinc chromate, low moisture sensitivity submitted by r. a. becker company for testing under specification mil-p-8585a qualification program	1967
19680086616	Research in the synthesis and characterization of magnetic fluids quarterly report, oct. - dec. 1967	1967
19680086617	The help system - a spectrally selective film of high quantum efficiency quarterly report, oct. 1 - dec. 31, 1967	1967
19680086618	Studies in heterocyclic synthesis semiannual progress report, jun. 1 - nov. 30, 1967	1967
19680086624	Investigation of building structure response to sonic booms semiannual report, 1 jan. - 30 jun. 1967	1967
19680086625	X-ray analysis of lunar materials quarterly progress report, 14 aug. - 10 nov. 1967	1967
19680086632	Constitutive equations in two-dimensional flow status report, 1 mar. - 31 aug. 1967	1967
19680086633	Qualification reporting of the coast pro-seal and mfg. company compound pro-seal 894 a1/2 tested in accordance with the qualification requirements of military specification mil-s- 7124a, interim amendment-1, class a1/2	1967
19680086634	Waterproof/22992 connector interim development report no. 1, 25 apr. - 24 jul. 1967	1967
19680086637	Brayton Rotating Unit (Bru-R) with Oil- Lubricated Rolling-Element Bearings Monthly Progress Report, Nov. 1967	1967
19680086644	Semiannual report, 1 june - 30 november 1967	1967
19680086645	Investigation of superconducting interactions quarterly report, 3 jul. - 30 sep. 1967	1967
19680086647	Laboratory simulation of the interaction between the solar wind and the magnetosphere progress report, 15 aug. - 15 sep. 1967	1967
19680086652	Correlation between solid propellant mechanical properties and explosion effects progress report, 1-30 nov. 1967	1967
19680086653	Stress-corrosion cracking titanium alloys quarterly progress report, oct. - dec. 1967	1967
19680086658	Monthly progress report no. 11 for period 3 november to 3 december, 1967	1967
19680086660	A study of the adhesion and cohesion of metals quarterly progress report, 9 jun. - 9 sep. 1967	1967
19680086661	System analysis of gelled space-storable propellant monthly progress report, 4 sep. - 3 oct. 1967	1967
19680086669	Brayton cycle turboalternator monthly progress report, 1-28 feb. 1968	1967
19680086672	Brayton cycle turboalternator monthly progress report, 1-30 nov. 1967	1967
19680086673	Research in the conversion of various forms of energy by unconventional techniques	1967
19680086677	Technology survey of electrical power sources monthly progress report, 1-31 jul. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086678	Propellant selection for spacecraft propulsion systems monthly status letter, 7 oct. - 5 nov. 1967	1967
19680086679	Fundamental studies on the synthesis of heat-resistant polymers, february 1 - july 31, 1967	1967
19680086680	Inducer dynamics partial-flow turbine drive monthly progress report	1967
19680086681	Study of cryogenic propellant stratification reduction techniques monthly progress report, 1-30 nov. 1967	1967
19680086684	Studies of the estimation of certain trace impurities by fluorimetric methods final technical report	1967
19680086685	Quantitative investigation of the mineralogy and petrography of iron meteorites progress report for period ending 31 dec. 1967	1967
19680086689	Quarterly reliability and quality assurance report, volume 2 - quality assurance	1967
19680086691	Translations on french nuclear, missile, space and related military developments no. 119	1967
19680086692	Meteoroid bumper interactions programme monthly progress report, nov. 1-30, 1967	1967
19680086698	Seismic investigations in cardigan bay, june 1964	1967
19680086704	Advanced injector concepts investigation quarterly progress report, 1 sep. - 1 dec. 1967	1967
19680086705	An/apq-100 walleye display progress report, 1 - 31 mar. 1967	1967
19680086708	Steering, ignition, and cut-off equations semiannual progress report, 1 mar. - 31 aug. 1967	1967
19680086709	Planetary meteorology monthly letter status report no. 4, 22 jun. - 21 jul. 1967	1967
19680086710	Study of the state-of-the-art of hermetic seals for secondary alkaline spacecraft cells quarterly report, 20 jun. - 20 sep. 1967	1967
19680086711	Research in photochemistry and enzymology of photosynthesis quarterly status report, 5 jun. - 5 sep. 1967	1967
19680086713	Monthly Technical Progress Report, August 1967	1967
19680086716	Dynamics of mechanical systems coupled to energy sources semiannual progress report, 1 jun. - 30 nov. 1967	1967
19680086717	As 204 space vehicle plugs out over all test	1967
19680086721	The evaluation of aquablak in mil-p-23377b epoxy primer	1967
19680086723	Very-low frequency radio noise experiment to be flown on a Javelin Sounding Rocket	1967
19680086724	Low pressure restartable oxygen/hydrogen burner monthly status report	1967
19680086725	Contract for modification of ablative program for ablation in more than one layer monthly report, sep. 5 - oct. 4, 1967	1967
19680086726	Investigation of inducer dynamics, partial flow turbine drive monthly progress report	1967
19680086729	Stability characterization of advanced injectors monthly progress report, 1 oct. - 1 nov. 1967	1967
19680086730	Afrpl rapid indexing system	1967
19680086736	Development of non-destructive methods for determining residual stress and fatigue damage in metals monthly progress report	1967
19680086737	Space storable thruster investigation monthly progress report, 1-31 sep. 1967	1967
19680086738	Propulsive reentry aerodynamics /rocket plume in counterflow/ quarterly letter report, sep. - dec. 1967	1967
19680086740	Development of a valid stability analysis method for self-compensating thrust balance systems monthly report for nov. 1967	1967
19680086741	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive bonding process monthly report, jul. 1967	1967
19680086745	Apollo-saturn consolidated instrumentation plan for a5-204/lm-1	1967
19680086746	Atlas/centaur-12 surveyor-c operations summary	1967
19680086748	Research on mineral constituents of meteorites semiannual status report, 1 jul. - 31 dec. 1967	1967
19680086749	Nasa-lewis brayton cycle pump and inverter progress report, 1-30 nov. 1967	1967
19680086752	Advanced experimental thrust chamber program monthly progress report, sep. 1967	1967
19680086753	Study of dynamic and static seals for liquid rocket engines monthly progress report, oct. 1967	1967
19680086759	The development of an institutional response mechanism - the first year's experience	1967
19680086761	Investigation of resin systems for improved ablative materials monthly progress report, 28 oct. - 1 dec. 1967	1967
19680086766	Oscillatory combustion in rockets semiannual report, 1 jun. - 30 nov. 1967	1967
19680086767	New fluorine-containing elastomers for space-propulsion applications quarterly progress report, jul. - sep. 1967	1967
19680086768	Synergistic effect of zero-g and radiation on on white blood cells and neurospora spores annual report, for period ending 30 jun. 1967	1967
19680086772	Photothermoviscoelastic research status report, 1 apr. - 1 oct. 1967	1967
19680086773	High temperature heat transfer semiannual report, jan. - jun. 1967	1967
19680086774	Thermodynamic improvements in lh2-turbopumps monthly status report for period ending 16 dec. 1967	1967
19680086775	Study of non-magnetic ionization gauge with low x-ray limit semiannual progress report, 1 jun. - 30 nov. 1967	1967
19680086777	Brayton cycle turboalternator monthly progress report, jul. 1-31, 1967	1967
19680086778	Brayton cycle turboalternator monthly progress report, aug. 1-31, 1967	1967
19680086786	Transient-radiation effects on electronics handbook	1967
19680086788	Monthly progress report, july 1967	1967
19680086791	Brayton cycle turboalternator monthly progress report, sep. 1-30, 1967	1967
19680086792	Brayton cycle turboalternator monthly progress report, jun. 1-30, 1967	1967
19680086793	Brayton cycle turboalternator monthly progress report, 1-31 oct. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086794	Radio propagation study semiannual report, 1 jun. - 30 nov. 1967	1967
19680086795	Performance evaluation and improvement for an aircraft flight control system in which self-organizing control techniques are used	1967
19680086797	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process	1967
19680086798	Experimental study of a weak turbulent field semiannual progress report, jun. - nov. 1967	1967
19680086799	Research in theoretical solid state physics final scientific report	1967
19680086802	New fluorine-containing elastomers for space-propulsion applications monthly progress report, nov. 1967	1967
19680086803	Cryogenic filament-wound tank evaluation monthly progress report, 23 oct. - 22 nov. 1967	1967
19680086805	Advanced pyrolytic spacecraft thrust chamber materials monthly letter progress report, 23 sep. - 22 oct. 1967	1967
19680086807	Investigation of advanced regenerative thrust chamber designs monthly report, 16 nov. - 16 dec. 1967	1967
19680086809	Brayton cycle turboalternator monthly progress report, 1-30 jun. 1966	1967
19680086824	Saturn 5 launch vehicle flight dynamics analysis, sa-501	1967
19680086825	Laboratory simulation of the interaction between the solar wind and the magnetosphere progress report, 15 sep. - 15 oct. 1967	1967
19680086846	Improvement of efficiency and life of explosion bladders quarterly report, 1 apr. - 30 jun. 1967	1967
19680086848	A study of the chemosynthetic gas exchanger progress report, 14 sep. - 14 dec. 1967	1967
19680086849	Investigation of a tandem-row high head pump inducer progress report, 1-30 nov. 1967	1967
19680086850	Transistor, vhf, silicon, power type el-2n /x-9/ 5 watt 500 mhz pem quarterly report, 1 may - 31 jul. 1967	1967
19680086852	Feasibility study for development of a hypergolic engine space power system monthly letter progress, 1 oct. - 1 nov. 1964	1967
19680086855	Study of cryogenic propellant stratification reduction technique monthly progress report, 17-31 jul. 1967	1967
19680086856	Quarterly report, july 1 - september 30, 1967	1967
19680086857	Lssm for apollo applications program. volume 1 - condensed summary	1967
19680086864	Nasa and the scientific community - a study in organizational behavior. chapter 3 - government and the politicization of science	1967
19680086865	Nasa and the scientific community - a study in organizational behavior. chapter 1 - organizations and their environment	1967
19680086866	Nasa and the scientific community - a study in organizational behavior. chapter 2 - the politics of space	1967
19680086867	Nasa and the scientific community - a study in organizational behavior. chapter 4 - the tree of knowledge	1967
19680086869	Investigation of a tandem row high head pump inducer progress report, 1-31 oct. 1967	1967
19680086871	A study of hydrogen embrittlement of various alloys monthly progress report, 1-31 aug. 1967	1967
19680086872	Investigation of methods for transpiration cooling liquid rocket chambers	1967
19680086873	Convair research summary	1967
19680086875	Space cabin atmosphere contaminant measurement techniques first phase report, 15 jun. 1965 - 15 jan. 1967	1967
19680086877	Main tank injection pressurization monthly report, 1-30 nov. 1967	1967
19680086878	Development of a protective coating system for regeneratively cooled thrust chambers monthly progress report, 1-30 nov. 1967	1967
19680086882	Re-entry f, turbulent heating experiment quarterly technical progress report, 1 oct. - 31 dec. 1967	1967
19680086883	Nonequilibrium gasdynamics quarterly report, for period ending 31 dec. 1968	1967
19680086885	Aberrations of radio signals traversing the auroral ionosphere progress reports, 1 jul. - 31 aug. 1967	1967
19680086890	Monthly technical progress report, july 1967	1967
19680086896	Determination of diffuseness of sandblasted metal surfaces, appendix a	1967
19680086901	Rocket release of triethyl boron quarterly progress report, 1 feb. - 30 apr. 1967	1967
19680086908	Space storable propellant performance program monthly progress report, nov. 1967	1967
19680086909	Space storable regenerative cooling investigation monthly progress report	1967
19680086912	German hybrid rocket research at dfl-trauen	1967
19680086915	Investigation of cadmium vacuum plating of high strength steel components	1967
19680086916	Passive plotting passiv geortet	1967
19680086922	Insert strength test, resin embedded	1967
19680086923	Relays, insulation resistance evaluation, potter and brumfield type khp versus sigma type 67	1967
19680086925	Survey of state-of-the-art electronic circuit analysis computer programs	1967
19680086927	Microelectronic device, flip-flop final report	1967
19680086928	Manufacturing process development for high-strength steels final report, 1 jul. 1963 - 30 jun. 1966	1967
19680086934	Program of positron studies quarterly report, 21 feb. - 20 may 1967	1967
19680086937	Microelectronic device, nand gate final report	1967
19680086939	Size 8 transolver	1967
19680086942	Development of requirements for nomex nylon staple sewing thread	1967
19680086943	Technical evaluation of ltv developed airborne ka-band augmentor for radar set an/spn-10-42 final report	1967
19680086949	Bibliography of the literature on multiaxial stress fatigue	1967
19680086950	Investigation of methods for transpiration cooling liquid rocket chambers quarterly progress report	1967
19680086952	Variable resistor, requalification /914035-1/	1967
19680086972	Observations on a victim of lightning beobachtungen beim einem blitzverleuten	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086973	The mechanism of death by lightening mecanisme de la mort par la foudre	1967
19680086975	Transformer requalification /900123-108/	1967
19680086977	Evaluation of rf switches	1967
19680086986	Study, fabrication, and testing of a foil bearing rotor support system quarterly report, for period ending aug. 15, 1967	1967
19680086987	Investigation of resin systems for improved ablative materials	1967
19680086991	Discussion of crater studies, nasa, ames research center, october 5, 1967	1967
19680086993	Flight handbook usaf series xb-70a aircraft	1967
19680086996	Lssm for apollo applications program. volume 2, book 2 - test and simulation program study	1967
19680086997	Lssm for apollo applications program. volume 2, book 3 - mobility performance enhancement study	1967
19680087009	Nasa postdoctoral resident research associateship program status report, 1 jun. - 31 aug. 1967	1967
19680087012	Design of strapdown gyroscopes for a dynamic environment semiannual report	1967
19680087015	Space storable propellant performance monthly progress report, 1-31 oct. 1967	1967
19680087020	Applicable documentation report for the revised oso-d /etr/ mission	1967
19680087021	An investigation of nonlinear interaction phenomena in the ionosphere semiannual progress report, 1 jun. - 1 dec. 1967	1967
19680087023	Analysis and corrective action recommendations for f-111 b hybrid circuits	1967
19680087025	Lo2-lh2 burner cold helium filter, dac p/n 1b43659-501, qualification tests	1967
19680087026	Apollo spacecraft 101 - delta vibration qualification test - power factor correction box assembly p/n v36-452000	1967
19680087027	Qualification Test Data and Results for Motorola Transformers 25-21478G01	1967
19680087028	Qualification test of 18 reactors, motorola nos. 25-21445g01 and 25-21467g01, supplied by the engineering transformer facility, motorola inc.	1967
19680087029	De/q test - flexible metal hose assembly dac scn 1a77111-507	1967
19680087035	Bag pack - inflatable	1967
19680087054	Ultrahigh-speed page printer and distributor- transmitter interim report	1967
19680087056	Investigation of rarefied gas flows status report, 1 may - 1 nov. 1967	1967
19680087057	Effects on the motion of a body attracted by a rotating source progress report, period ending 30 nov. 1967	1967
19680087058	Coordinated space related studies semiannual progress report, 15 mar. - 15 sep. 1967	1967
19680087065	Qualification test report on relay, armature	1967
19680087093	Standard and new visual landing aid concepts and equipment	1967
19680087121	X-22a tri-service v/stol aircraft monthly progress report, 1-30 sep. 1967	1967
19680087124	Acceptance testing for f-111 b rmsu system	1967
19680087129	Design Criteria for Zero-leakage Connectors for Launch Vehicles Quarterly Progress Report, 1 Oct. - 31 Dec. 1966	1967
19680087131	Flow visualization at the lockheed-georgia 18 x 18-inch low speed smoke tunnel	1967
19680087133	Cea solid state power supply evaluation	1967
19680087134	Optical radar measurements of the atmosphere semiannual report, 1 jun. - 30 nov. 1967	1967
19680087144	Snap-8 electrical generating system development program quarterly progress report, apr. - jun. 1967	1967
19680087147	Adhesive bonding, potting, and sealing, general purpose, process for, specification for final specification	1967
19680087148	Pressure transducer high accuracy, heated gse qualification test, p/n 1b32293-515	1967
19680087149	Qualification test - valve, solenoid 3-way, 2-position, 500 psi p/n la98233-505	1967
19680087156	Mithras bny /3001/ propulsive re-entry aerodynamics /rocket plume in counterflow/ quarterly letter report, jun. - sep. 1967	1967
19680087162	Test report of thermal relay pulse current tests	1967
19680087177	Improvement of propeller static thrust estimation status report, apr. 1 - oct. 31, 1967	1967
19680087178	Properties of powdered titanium alloys monthly progress report, dec. 4-31, 1967	1967
19680087182	Experiments with ultraviolet light semiannual progress report, mar. 1 - aug. 31, 1967	1967
19680087183	Incorporation of nickel in faying surfaces joined by welding - engineering specification for	1967
19680087194	Qualification test of 70 rf power transistors, motorola part no. 48-21473g01, supplied by motorola semiconductor products division /spd/	1967
19680087195	Experimental and analytical studies of plasma transport properties semiannual progress report, 1 jun. - 30 nov. 1967	1967
19680087204	Qualification of scotch-weld brand structural adhesive ec-2214, type 1, class 3 under federal specification mmm-a-132 submitted by minnesota mining and manufacturing company	1967
19680087210	Reports on radiation test series number 12 at the martin company	1967
19680087271	Development and qualification of improved fluid connectors monthly progress report, nov. 1967	1967
19680087273	Effect of lightening on man	1967
19680087282	Filter, gas, 5 micron, 1/4 inch, dac p/n 1b53268-1 and 505, design qualification tests	1967
19680087283	Qualification test of 100 silicon diodes, motorola part no. 48-21434g01, supplied by fairchild semiconductor	1967
19680087284	Qualification test report of crystal unit	1967
19680087285	Qualification test of 130 silicon varactor diodes, motorola part number 48-21465g01/02	1967
19680087286	Qualification test of 27 power transformers, motorola number 25-21385g01,	1967
19680087301	Qualification test report for diode, synthesized zener	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087318	Research and electron-photon interaction phenomena quarterly progress letter, 3 jun. - 2 sep. 1967	1967
19680087325	Engineering evaluation test report - pt4-1054 capacitor, scioncis corp. lm program	1967
19680087332	Design criteria for zero-leakage connectors for launch vehicles quarterly progress report, 1 apr. - 30 jun. 1967	1967
19680087347	Personal communication electronic assembly, crewman	1967
19680087350	Block 2 hydrogen tank assembly	1967
19680087353	Diode report st 79d45	1967
19680087354	Diode report st 79d45	1967
19680087360	Leak test, part of environmental test for audio center equipment s/n 026728110006	1967
19680087363	The chemistry and photochemistry of the terrestrial atmosphere	1967
19680087369	Progress report, 1 august - 31 october 1967	1967
19680087370	Filter, gas, 5 micron, 1/2-inch, 3000 psig design qualification tests	1967
19680087371	Solder plating, electrodeposited-process specification for	1967
19680087372	Motor altitude evaluation report	1967
19680087373	Apollo service module engine hydraulic resistance characteristics	1967
19680087394	Optical technology program interim technical report, 1 jul. - 30 sep. 1967	1967
19680087398	Hydrogen safety progress report, 1 jul. - 30 sep. 1967	1967
19680087400	Production engineering measure for improved reliability of hermetically sealed tantalum foil capacitors quarterly report, 20 jun. - 20 sep. 1967	1967
19680087403	Failure analysis report variable resistor	1967
19680087405	Relays, comparative life test, dust covered versus hermetically sealed, potter brumfield types khp 17d11 khs 17d12	1967
19680087423	A study of high-speed digital data combining techniques semiannual report, 1 mar. - 31 aug. 1967	1967
19680087432	Study of thermal protection requirements for a lifting body entry vehicle suitable for near- earth missions - presentation document	1967
19680087433	Leakage testing handbook project, phase 2 quarterly report, 31 aug. - 30 nov. 1967	1967
19680087440	Coating, thermal control, zinc oxide, potassium silicate, application of final specification	1967
19680087445	Cryogenic positive expulsion diaphragms monthly progress report, 1-30 nov. 1967	1967
19680087446	Trygon electronics, inc. solid state power supply evaluation	1967
19680087447	Incremental dieless forming	1967
19680087449	Qualification tests for low frequency accelerometer transducers dac scn 1a88769-1 and -501 technical memo, 12 may - 15 jul. 1966	1967
19680087486	Study of stability of unpressurized shell structures under static loading final report	1967
19680087487	The mechanics of viscoelastic fluids semiannual status report, 1 jun. - 30 nov. 1967	1967
19680087489	Diffusion bonding study of beryllium at 1400 deg f and below	1967
19680087493	Investigation of resin systems for improved ablative materials month progress report, 30 sep. - 27 oct. 1967	1967
19680087494	Independent Tracking Coordination Quarterly Report, 1 Jul. - 30 Sep. 1967	1967
19680087495	Monthly progress report, august 15 - september 15, 1967	1967
19680087496	Crogenic tank support evaluation monthly progress report, 31 jul. - 30 aug. 1967	1967
19680087497	Modified csn-1a turbine-compressor set. type 3 final technical report, apr. 1966 - sep. 1967	1967
19680087498	Investigation of non-linear problems and mathematical methods in aeroelasticity semiannual progress report 1 apr. - 1 oct. 1967	1967
19680087500	Nimbus-b solar-conversion power supply subsystem quarterly technical report, mar. - jul. 1967	1967
19680087501	Infrared detectors and detector materials interim physics report, 1 jun. - 31 aug. 1967	1967
19680087502	Properties of powered titanium alloys monthly progress report, 1-29 oct. 1967	1967
19680087506	Space cabin atmosphere contaminant measurement techniques progress report, 1 may - 31 jul. 1967	1967
19680087514	A study of thermal protection systems based on porous ceramic designs for application to manned lifting reentry vehicles	1967
19680087517	Qualification, nonstandard part - transformer interstage, hermetically sealed, 1500hz to 3500hz	1967
19680087518	Reliability improvement of interplanetary vehicle electronics subsystems through large scale integration /lsi/	1967
19680087519	Size 11 linear transformer	1967
19680087520	Qualification test report for resistors, variable, trimmer, wirewound	1967
19680087531	Pre-valve, liquid hydrogen, design qualification test - dac scn 1a49968-507	1967
19680087533	Qualification of semiconductor device, integrated sense amplifier test report, 18 jul. - 7 dec. 1966	1967
19680087541	Qualification tests, propellant utilization computer, s-ii, naa/s and id, p/n me901-0206- 0016 and 0019, douglas p/n 1b32082-501 and -505	1967
19680087552	Gyro assembly - qualification test report	1967
19680087556	Lh2 chilldown system shutoff valve, design qualification test. dac scn 1a49965-515	1967
19680087562	High accuracy instrumentation radar monthly progress report, 1 aug. - 1 sep. 1967	1967
19680087565	Semiconductor device, transistor, silicon, pnp, high voltage, 6052-233	1967
19680087570	Study of aviation-fuel filter/separators quarterly progress report, 20 oct. 1966 - 19 jan. 1967	1967
19680087571	Tacan antenna techniques	1967
19680087576	Microwave devices utilizing oriented cubic ferromagnetic materials quarterly report, 15 jun. - 14 sep. 1966	1967
19680087579	A systematic approach to a class of problems in the theory of noise and other random phenomena	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087580	Analytical studies in the learning and memory of skilled performance semiannual report, 1 mar. - 31 aug. 1967	1967
19680087581	Mitochondrial heat production semiannual progress report, 1 mar. - 31 aug. 1967	1967
19680087584	Catalog of correlative data	1967
19680087585	Cryogenic high modulus composites monthly progress report, 1-31 dec. 1967	1967
19680087587	Qualification reporting of coast pro-seal and manufacturing company compound pro-seal 894 b2 tested in accordance with the qualification requirements of military specification mil-s-7124a, interim amendment-1, class b2	1967
19680087591	Tig spotwelding techniques stress evaluation final report	1967
19680087603	Infrared photocathode final report	1967
19680087604	S-c band o-type multipurpose twt manufacturing methods program interim engineering progress report, 1 aug. - 1 nov. 1967	1967
19680087607	Unified S-band Equipment S/N 061418020006 - Mission Life Tests	1967
19680087608	Research program to extend cascade date to liquids and higher inlet angles monthly progress report, 31 aug. - 30 sep. 1967	1967
19680087610	Gold-cobalt alloy, electroplating materials - specification	1967
19680087612	Develop methods for elevated temperature vacuum forming of beaded panels from titanium alloys	1967
19680087614	High speed/high altitude launching of an/ssq- 38a, an/ssq-41, and an/ssq-48 sonobuoys interim report	1967
19680087622	General aniline and film corp /anesco/ pf-346 film test final report	1967
19680087624	Space programs quarterly report, 1 jul. - 30 sep. 1967	1967
19680087627	Bibliography on fluorocarbon plastics	1967
19680087630	Microelectronic device, synchronous flip-flop final specification	1967
19680087652	A study of polymers containing silicon- nitrogen bonds quarterly progress report, 4 nov. 1966 - 3 feb. 1967	1967
19680087654	Automated digital computer program for determining responses of electronic circuits to transient nuclear radiation /sceptre/, volume 2	1967
19680087656	Indicator, attitude, flight director	1967
19680087659	Bibliography on less common plastics	1967
19680087664	Effects of physical and emotional stress on renal blood flow final report, 1 nov. 1966 - 30 nov. 1967	1967
19680087669	A programming study of a non-numerical processor	1967
19680087670	Macro logic design of digital computers	1967
19680087677	Parametric amplifiers for electronically steerable radar systems quarterly report, 18 jul. - 18 oct. 1966	1967
19680087678	The distribution of blood flow in human skin annual progress report, 1 sep. 1966 - 31 aug. 1967	1967
19680087681	The expanding role of the packaging engineer partners in system design	1967
19680087683	Multidisciplinary research in space-related science and technology semiannual report	1967
19680087684	Evaluation test of deutsch commercial connectors component test report	1967
19680087687	H. f. recovery antenna - single bridewire apollo standard initiator comptability study report	1967
19680087688	Qualification test of 100 hot carrier diodes, 1el part number 9120002-010c, hpa type 2335, supplied by hewlett packard associates	1967
19680087689	Analysis of turbulent reacting wakes - a simplified model for laminar dissipation	1967
19680087690	Qualification test of 100 step recovery diodes. 1el part number 9127000-010c-hpa- type 0156, supplied by hewlett packard associates	1967
19680087691	Apollo block 2 waste management system urine dump nozzle heat sink assembly	1967
19680087695	Reactor environmental test	1967
19680087713	Research on polybenzimidazole resin in composite structures interim engineering progress report, 15 dec. 1966 - 15 mar. 1967	1967
19680087717	Metal-ceramic seal technology final report, may 1964 - may 1967	1967
19680087718	Qualification testing of halkey roberts pressure relief valve 750 mp 1.3 psi p/n 6083422	1967
19680087721	Ionospheric data report, october 1967	1967
19680087722	Power transfer motorized switches qualification test report	1967
19680087723	Bibliography on plastics	1967
19680087724	The engineering life of non-metals	1967
19680087725	Information technology, period ending 15 september 1967	1967
19680087726	Selection and utilization of batteries for deep submergence vehicles	1967
19680087733	A study of the adhesion and cohesion of metals quarterly progress report, 9 sep. - 9 dec. 1967	1967
19680087744	Investigation of earth tremors during large rocket firings quarterly progress report, 22 may - 22 aug. 1967	1967
19680087749	Tidal theory and orbital perturbations semiannual report, 1 jun. - 30 nov. 1967	1967
19680087750	Nasa general purpose structural analysis program /nastran/ quarterly report, 1 jul. - 1 oct. 1967	1967
19680087751	Spin rocket motor, yrs-61-ar-1	1967
19680087754	Snow cover data, Canada, winter 1966-67	1967
19680087755	Design and development of integrated semiconductor circuits utilizing field-effect devices interim development report, jun. - aug. 1967	1967
19680087757	Metrology bulletin, october 1967	1967
19680087758	Production engineering measure for improved reliability of metalized polycarbonate capacitors quarter report, 8 jun. - 30 oct. 1967	1967
19680087760	Filament-wound reinforced plastics properties and allowables manual	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087761	Bibliography on pneumatic systems and equipment	1967
19680087762	Further studies of overlapping absorption bands	1967
19680087764	Evaluation test of general instruments, mem 521, and philco, pl 5220, shift registers, mos-monolithic	1967
19680087765	Design verification evaluation of a hybrid pneumatic accelerometer	1967
19680087766	J65-w-18 engine - evaluation of curtiss-wright transpiration-cooled turbine blades, and variable-geometry turbine concepts Final technical report	1967
19680087768	Evaluation of the qks622 amplifron at millisecond pulse widths interim development report, 1 sep. - 30 nov. 1967	1967
19680087780	Twelve inch diameter cathode-ray tube, fiber optic faceplate final development report, jun. 1964 - mar. 1967	1967
19680087781	Fabrication of ultrathin solid electrolyte batteries quarterly progress report, 1 jul. - 1 oct. 1967	1967
19680087783	Hpu starter switch /rvp-47/. reliability verification test dac scn 1b32647-505	1967
19680087787	Effects of high pressure on deformation characteristics interim progress report, 7 mar. - 6 sep. 1967	1967
19680087788	Qualification test for temperature transducer wire patch type dac scn 1a68589-519	1967
19680087789	Reed switch life tests, wabash, ibm, hamlin	1967
19680087790	Test of sigma relay operation when subject to extremely high currents	1967
19680087791	Experimental demonstration of energy storage substations for aircraft actuation functions quarterly technical report, 1 jul. - 30 sep. 1967	1967
19680087794	The relevance of launch vehicle recovery and reuse to NASA OSSA launch vehicle and propulsion programs	1967
19680087795	A preliminary summary of the performance potential of radioisotope, nuclear, and nuclear-electric propulsion for automated space missions	1967
19680087797	Airfield pavement evaluation, usnas seattle, washington final report, jul. 1966 - aug. 1967	1967
19680087799	Ability of sigma relay 32wd-90-gd-sil to stay in either switched position when subjected to vibration	1967
19680087801	Program 624a guidance and control equations for cmu /baseline/ cmu dfcs parameter values	1967
19680087802	Aircraft coating, testing and evaluation interim engineering report, 1 jul. - 30 sep. 1967	1967
19680087807	Program 624a /sslv c17, c18/ guidance and control equations for cmu /baseline/. volume 2 - cmu digital flight control equations	1967
19680087808	Project 43-66-10, metal air batteries interim report	1967
19680087810	Research on polybenzimidazole resin in composite structures interim engineering progress report, 15 mar. - 15 jun. 1967	1967
19680087811	Solid propellant structural test vehicle, systems analysis and cumulative damage program quarterly review meeting research contract special report, no. 1, 1 may - 1 oct. 1967	1967
19680087814	Monthly charts for the north atlantic. fourth edition. monatskarten fuer den nordatlantischen ozean. vierte auflage.	1967
19680087817	Bibliography on phenolic plastics	1967
19680087818	Fundamental investigations of photoemission quarterly report, 15 oct. 1966 - 15 jan. 1967	1967
19680087819	Tankage materials in liquid propellants progressreport, 1 jun. - 1 dec. 1967	1967
19680087820	Wind tunnel testing techniques for integrated airframe-exhaust nozzle systems research and development interim technical quarterly report, 1 may - 1 jul. 1967	1967
19680087823	Development of a high voltage switching transistor interim report, 20 apr. - 20 oct. 1967	1967
19680087826	Testing of deutsch rtk connectors for dcp-20	1967
19680087827	Handling and forming techniques for large compound contoured titanium alloy skins manufacturing research report	1967
19680087829	Mathematics of reliability engineering	1967
19680087832	The effect of the interplanetary field on the energy of geomagnetic disturbances	1967
19680087886	Techniques for integrating solid-state circuitry into antennas Interim technical report, 1 Sep. - 30 Nov. 1967	1967
19680087889	Pitch rocket motor, ysr-59-ar-1	1967
19680087893	Analysis of failure of the jan in 538 diode	1967
19680087894	Qualification testing of halkey-roberts vacuum relief valve 7.50 mv 0.50 psi	1967
19680087895	Cable assemblies, radio frequency cg-3224/d thru cg-3232/d	1967
19680087896	Detection and determination of ligands by analytical kinetic methods quarterly report, apr. - aug. 1967	1967
19680087897	Metallurgical analysis of failure of port wing from c-47 aircraft buno 99844	1967
19680087898	Surveillance inspection test - qaet summaries	1967
19680087901	Vc 10 c. mk. 1 1/4 x rolls royce conway rco.43 mk. 550/ performance	1967
19680087904	Physical and biochemical changes occurring in bone as a result of gravity counteraction final report	1967
19680087909	Qualification test, valve, check, 1/2 inch, low pressure, cold gas	1967
19680087910	Lox recirculation system lines test report	1967
19680087911	Qualification of units for use on the apollo program. capacitor, fixed film polycarbonate hermetically sealed final report	1967
19680087912	Formal qualification test of the I02 pressurization helium storage sphere	1967
19680087914	Polyurethane foam tunnel liner backpacking for project piledriver operation flintlock final report	1967
19680087922	Control, rotation	1967
19680087924	Qualification test, fuel vent directional control valve. doc scn 1a49988-1	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087928	An analysis of spacecraft systems with physical recovery capability to perform earth-oriented applications experiments. volume 2 - technical	1967
19680087929	Semiannual progress report, july 1 - december 31, 1967	1967
19680087931	Investigation of surface ionization on metallic surfaces quarterly progress report, sep. 15 - dec. 15, 1967	1967
19680087932	Quality maintenance testing connector, electric an type	1967
19680087933	Static power inverter	1967
19680087941	Gimbal position/fuel pressure indicator	1967
19680087942	Performance tests on brushless synchros	1967
19680087943	Silicon dioxide and other insulants final report, apr. 1965 - mar. 1967	1967
19680087946	Switch, toggle, momentary /four-position "on" center "off"/	1967
19680087950	Bibliography on nylon plastics	1967
19680087953	Corrosion and compatibility	1967
19680087954	High strength steels	1967
19680087955	Investigation of tacan/iff compatibility final report	1967
19680087961	Analysis of project management control of development performed by in-house defense laboratories	1967
19680087962	Electronic control assembly	1967
19680087963	High-modulus core-sheath fiber development monthly progress report, 1-31 mar. 1967	1967
19680087964	Weapons effects computer code directory - revision and additions. dasa information and analysis center newsletter	1967
19680087965	Production engineering measure for a high speed semiconductor switch /two terminal/ and high speed semiconductor switch /gate/ quarterly report, 29 may - 29 aug. 1967	1967
19680087966	Control panel, attitude set	1967
19680087971	Flight test evaluation of titanium inducers in j33-a-24/-24a engine in t-1a aircraft final report	1967
19680087972	Improved fabrication methods of jet engine rotors interim engineering report, 1 oct. - 31 dec. 1967	1967
19680087973	Development of manufacturing technology on organic and inorganic foams for high- temperature radome applications interim report, 1 feb. - 30 apr. 1967	1967
19680087979	A philosophical discussion of self-reflection	1967
19680087980	Integrated test plan for re-entry f turbulent heating experiment	1967
19680087981	Re-entry f technology tests	1967
19680087982	Study and evaluation of the constant-momentum mass spectrometer for ion analysis in the d and e regions of the ionosphere semiannual report, 1 jun. - 30 nov. 1967	1967
19680087986	Low temperature mechanical properties and ambient temperature stress corrosion properties of custom 455 stainless steel alloy	1967
19680087987	Results of tests on film, fluorescent, for weapons systems	1967
19680087988	Formation flight displays interim progress report, 27 jun. 1966 - 31 jan. 1967	1967
19680087995	Qualification Testing of Halkey-Roberts Vacuum Relief Valve 5750 MV 0.5 PSI (P/N 6084445) Using Buna-N O-Rings	1967
19680087999	Qualification Testing of Halkey-Roberts Pressure Relief Valve S750 MP 1.30 PSI (P/N6084444) Using Buna-N O-Rings	1967
19680088001	Personal Communication Electronic Assembly Crewman	1967
19680088007	An Analysis of Spacecraft Systems with Physical Recovery Capability to Perform Earth-Oriented Applications Experiments	1967
19680088009	Development of a rapid stress-corrosion test for aluminum alloys quarterly progress report, 1 sep. - 1 dec. 1967	1967
19680088010	Prediction of accident probability	1967
19680088013	An Analysis of Spacecraft Systems with Physical Recovery Capability to Perform Earth-Oriented Applications Experiments.	1967
19680088014	An Analysis of Spacecraft Systems with Physical Recovery Capability to Perform Earth-oriented Applications Experiments	1967
19680088017	Research on polybenzimidazole resin in composite structures interim engineering progress report, 15 jun. - 15 sep. 1967	1967
19680088027	Evaluation tests of an emergency release assembly for use in parachute extraction systems	1967
19680088028	Surveillance inspection test - qaet summaries report for period 25 jul. 1966 - 12 jan. 1967	1967
19680088029	Aerial camera lenses. type 1 - aerial reconnaissance. type 2 - aerial mapping	1967
19680088082	Technical progress report, july 1967 /u/ technical progress report, july 1967 /u/	1967
19680088083	Saturn 5 as-502 launch vehicle flight system dispersion analysis - initial /u/ saturn 5 as-502 launch vehicle flight system dispersion analysis - initial /u/	1967
19680088085	Studies of thermionic materials for space power applications /u/ informal monthly report, feb. 1, 1966 - feb. 28, 1967 studies of thermionic materials for space power applications /u/ informal monthly report, feb. 1, 1966 - feb. 28, 1967	1967
19680088086	Studies of thermionic materials for space power applications /u/ informal monthly report, mar. 1, 1966 - mar. 31, 1967	1967
19680088087	Studies of thermionic materials for space power applications /u/ informal monthly report, apr. 1-30, 1967	1967
19680088088	Studies of thermionic materials for space power applications /u/ informal monthly report, dec. 1-31, 1966	1967
19680088089	Studies of thermionic materials for space power applications /u/ informal monthly report, apr. 1-30, 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088090	Studies of thermionic materials for space power applications /u/ informal monthly report, oct. 1-31, 1967	1967
19680088095	Tf30-p-8 engine evaluation interim report	1967
19680088096	U. s. army spectrum signature and related emcp task program quarterly progress report, 1 apr. - 30 jun. 1967	1967
19680088151	Transistor, vhf, silicon, power type el-2n /x-9/ 5 watt 500 mhz pem quarterly report, 1 aug. - 31 oct. 1967	1967
19680088152	300 deg c rotating rectifier alternator, phase 1-b interim technical report, 15 aug. - 15 nov. 1967	1967
19680088154	High-modulus, core-sheath fiber development monthly progress report, 3 sep. - 1 oct. 1967	1967
19680088155	High-modulus, core-sheath fiber development monthly progress report, 22 jun. - 15 jul. 1967	1967
19680088156	Investigation of electron beam laser welding	1967
19680088157	Coatings for advanced thrust chambers monthly report	1967
19680088158	Asymptotic behavior of solution for an axisymmetric punch-die problem	1967
19680088160	Shock heating of metals	1967
19680088161	Experimental study of behaviour of sand under moving rigid wheels	1967
19680088166	Investigations of infrared-to-visible conversion in graded-band-gap materials quarterly progress report, 1 aug. - 31 oct. 1967	1967
19680088172	Receiver-comparator - geo space system, inc. model vlf-12b interim report	1967
19680088207	Airport compatibility studies. friendship international airport	1967
19680088208	Materials design handbook for structural reinforced plastics quarterly progress report, 1 oct. - 31 dec. 1966	1967
19680088209	Titanium structural sections produced by roll bonding on bar mills interim engineering progress report, 1 nov. 1966 - 31 jan. 1967	1967
19680088211	Research on dissemination processes quarterly progress report, jun. - aug. 1967	1967
19680088214	Numerical solution of stress waves in layered media	1967
19680088215	Qualification testing of pressure activated switches, transducer pressure, gas, current	1967
19680088216	Coating, corrosion preventive, application of, specification for	1967
19680088217	Evaluation of the rca-eccsl and motorola-mecl current mode logics /monolithic integrated circuits/, microelectronic circuits, diffused elements /active substrate/	1967
19680088218	Evaluation test report for npn, silicon, dual transistor	1967
19680088220	Diode, hot carrier - final specification	1967
19680088223	Detail specification sheet contacts, crimp type electrical, size 22, rear insertion, rear removal and rear release - final specification	1967
19680088228	Manufacturing methods applicable to 10 to the 8th power magnetic wire mass memory interim engineering progress report, 1 jul. - 30 sep. 1967	1967
19680088235	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments rift tank test quarterly progress report, 1 may - 31 jul. 1967	1967
19680088237	New fluorine-containing elastomers for space-propulsion applications quarterly progress report, oct. - dec. 1967	1967
19680088239	Diurnal survey of the thermosphere final report	1967
19680088243	Survey of hookup wire and cable chosen for long-duration space missions	1967
19680088244	Systems reliability subject to multiple nonlinear constraints	1967
19680088246	Ats f and g large aperture antenna fabrication of 30-foot diameter model launch and orbital survey test /phase 2/ quarterly report, 11 jul. - 31 oct. 1967	1967
19680088247	Investigation of the chemical kinetics of an advanced high energy propellant system quarterly progress report, 1 sep. - 30 nov. 1967	1967
19680088252	Qualification of special purpose cable	1967
19680088253	Exploratory Testing of Maximum Vibration Capability of the Halkey-Roberts Corporation Vacuum Relief Valve S750 MV 0.50 PSI IBM P/N 6084445	1967
19680088254	Bibliography on silicone plastics	1967
19680088255	Bibliography on transparent plastics	1967
19680088256	Production engineering measure for high- reliability aluminum electrolytic capacitors quarterly report, 20 jun. - 20 sep. 1967	1967
19680088257	Mars 1975 - titan 3 capability trends	1967
19680088259	Ace-s/c quality program plan	1967
19680088261	Yt58-ge 14 50-hr preliminary flight rating test - engine serial no. 297004-1c	1967
19680088262	Lithium-nickel fluoride secondary battery investigation quarterly technical progress report, oct. 27, 1966 - jan. 27, 1967	1967
19680088265	Process techniques study of integrated circuits quarterly report	1967
19680088266	Process techniques study of integrated circuits quarterly report	1967
19680088267	Thermocouples - nasa's contribution to the development of special-purpose thermocouples final report	1967
19680088269	Quarterly progress report, 1 september to 30 november 1967	1967
19680088275	Airborne fuel-tank pressure regulator	1967
19680088276	Life test of sigma and filter relays while being used to switch simulated up to 8 amperes	1967
19680088277	Investigation of the generation of long wavelength infrared radiation through the use of laser techniques	1967
19680088280	Apollo/saturn 5 flight readiness review implementation plan. change 1	1967
19680088281	Apollo/saturn 1b launch vehicle assessment report as-204	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088284	Quality assurance inspection report on semiconductor, diode	1967
19680088285	Effect of phosphate ester hydraulic fluids on organic coatings	1967
19680088286	Theoretical investigation of planetary interiors semiannual status report, 1 jun. - 30 nov. 1967	1967
19680088288	Evaluation of rain repellent spray and extended duct jet blast rain removal systems for the f-4 airplane final report, 27 feb. - 22 sep. 1967	1967
19680088290	Bibliography on foam plastics	1967
19680088291	Apollo service module engine performance analysis report	1967
19680088295	Meteor research program bimonthly progress report, oct. 1 - nov. 30, 1967	1967
19680088296	The fifteenth meeting of international standardization organisation technical committee 45 - rubber	1967
19680088297	Sodium vapor experiment quarterly progress report, 1 jul. - 30 sep. 1967	1967
19680088298	A flow law for clays in dynamic compression	1967
19680088301	Apollo/saturn 5 mobile launcher complex 39 operations and maintenance fire protection systems. technical manual	1967
19680088304	Uhf integrated circuit technology quarterly report, 15 apr. - 15 jul. 1967	1967
19680088305	Acoustic reflex ear defender /ared/, mx-7307///uic interim report	1967
19680088307	Sounding rocket flight report on nasa 18.22 thermosphere probe experiment	1967
19680088308	Sounding flight rocket report on nasa 18.05 thermosphere probe experiment	1967
19680088309	High-modulus, core-sheath fiber development monthly progress report, 16 jul. - 6 aug. 1967	1967
19680088310	Space position fixing techniques, phase 3a final report	1967
19680088315	Qualification Test of Potentiometer Type Pressure Transducers, P/N 1A72913-567	1967
19680088320	Whisker reinforced metals quarterly technical report, aug. - nov. 1967	1967
19680088321	Production engineering measure for silicon npn switching transitions quarterly report, 25 may - 25 aug. 1967	1967
19680088322	Research on gas plated refractory metal coatings for liquid metal compatibility investigation quarterly report, 1 aug. - 31 oct. 1966	1967
19680088324	New tig spotwelding equipment and concepts manufacturing research report	1967
19680088325	Rtd panel coker test technique and apparatus /"tr" configuration/ technical phase report, 12 jan. 1965 - 1 mar. 1967	1967
19680088326	Improved cvd boron filament production interim engineering progress report, 1 oct. - 30 dec. 1967	1967
19680088328	Research on injection luminescence in wide gap semiconductors quarterly contract letter, 28 dec. 1966 - 27 mar. 1968	1967
19680088329	Scattering by perfectly conducting circular thin wires interim technical report, 21 apr. - 21 sep. 1967	1967
19680088334	Wind tunnel tests of a research base drag model at transonic speeds	1967
19680088335	Qualification test of lh2 orbital coast vent initiation pressure switch	1967
19680088336	Sampling tests of two, 24-volt, nickel-cadmium aircraft batteries, type ms18045-44, representing lots 1 and 2 manufactured by sonotone corporation, contract no. n600/19/ 64989	1967
19680088337	Apollo inverter 1250 va	1967
19680088338	Shaft seal-lock relief valve	1967
19680088342	Development of fatigue data for several alloys for use in aerospace design progress report, nov. 1966 - aug. 1967	1967
19680088343	Lear squeeze film accelerometer	1967
19680088345	Evaluation of minneapolis honeywell 1h53 switch to carry and interrupt load currents experienced by the transtage bipropellant valve electrical actuator motor	1967
19680088346	Evaluation of the qks622 ampliftron at millisecond pulse widths interim development report, 7 jun. - 31 aug. 1967	1967
19680088348	Development of a manufacturing process for the electroslag melting and casting of materials quarterly progress report, 16 sep. - 15 dec. 1967	1967
19680088349	Planning research in the area of launch vehicle and propulsion programs progress report, 1-30 sep. 1967	1967
19680088351	Shoulder washers /fiber, nylon and teflon/ insulation resistance evaluation	1967
19680088352	High-modulus, core-sheath fiber development monthly progress report, 1 feb. - 1 mar. 1968	1967
19680088353	Research and development of a ruggedized planar ceramic triode quarterly progress report, 1 apr. - 31 aug. 1967	1967
19680088354	Gridded amplifier tubes for pulsed c-band frequencies quarterly progress report, 15 jun. - 14 sep. 1967	1967
19680088355	A study of hydrogen slush and/or hydrogen gel utilization quarterly report	1967
19680088357	Disconnect Assembly, Engine Cold Helium Purge DAC SCN 1A49958-513 and 523	1967
19680088358	Exciter, ignition system, helium heater /ah-12/ qualification test dac scn 1b59986- 501 r	1967
19680088367	Production engineering measure for capacitors, electrolytic, aluminum high reliability quarterly report, 21 jan. - 20 sep. 1967	1967
19680088368	Evaluation of a silicon rectifier in a plastic package	1967
19680088372	R110 rocket engine monthly technical report, 1 nov. - 1 dec. 1967	1967
19680088377	A novel infrared nondestructive testing technique for determining the thermal inertia, conductivity and diffusivity of graphite	1967
19680088379	Engineering investigation of audio transformer	1967
19680088383	Bibliography on polyethylene plastics	1967
19680088385	Nitrobacter metabolism	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088386	Results of tests on primer, zinc chromate submitted by cardinal industrial finishes for testing under specification mil-p-8585a qualification program	1967
19680088390	Part 1 - computer aided electronic circuit design. part 2 - thin-film active device investigations status report, 1 dec. 1966 - 31 may 1967	1967
19680088394	Study of microwave generation by means of interaction with anisotropic media quarterly report, sep. 1 - nov. 30, 1966	1967
19680088395	Ring laser techniques interim technical report, nov. 1, 1966 - jan. 31, 1967	1967
19680088396	Helium disconnect valves	1967
19680088397	A monograph on truncated sequential tests final technical report	1967
19680088398	Design, development, and fabrication of portable instrumentation for nondestructive testing of composite honeycomb materials quarterly report, 1 jul. - 30 sep. 1967	1967
19680088402	Apollo/saturn 5 mobile launcher complex 39 operations and maintenance. oxygen level monitoring system technical manual	1967
19680088408	Weight reduction study and structural analysis of the st-124-m stabilized platform gimbal system monthly progress report, aug. 31 - sep. 30, 1967	1967
19680088410	Engineering evaluation of new ms inverters to specification sr-124 interim report, 23 may - 30 aug. 1966	1967
19680088412	Microwave research quarterly status report, 1 may - 31 jul. 1967	1967
19680088415	Application of the method of least squares to radiation heat transfer calculations	1967
19680088416	Linear regression with nonnormally distributed variables	1967
19680088422	Exploratory Testing of Maximum Vibration Capability of the Halkey Roberts Corp. Pressure Relief Valve S750 MP 1.30 plus over minus - 20 over 18 Psi /6084444/	1967
19680088426	Studies of ice accumulation on ships. part 2 - conditions of icing and accreted ice weights	1967
19680088432	Production of mtsq xm577 fuze for et/st program monthly progress report, 1-30 jun. 1967	1967
19680088434	Low-level critical air turbulence monthly progress report, 6 aug. - 5 sep. 1967	1967
19680088435	Metals joining	1967
19680088445	A study of the suppression of combustion oscillations with mechanical damping devices monthly status report, 15 apr. - 15 may 1967	1967
19680088447	Design performance appraisal of the lance configuration bell accelerometer	1967
19680088448	Fabrication investigations and biaxial compressive fatigue and creep evaluation of the erla-4617 preimpregnated fiberglass composite system	1967
19680088449	Investigation of rotary actuation technique quarterly technical report	1967
19680088452	Study of the degree to which the satellite derived gravity data can be related to the surface gravity field and other geophysical parameters in areas of anomalous gravity defined by satellite orbital perturbations semiannual report	1967
19680088453	Study of step recovery diode frequency multiplier characteristics interim report	1967
19680088460	An experimental determination of the forces existing between the soil and the rim of a rigid wheel under both towed and driven conditions on clay and sand	1967
19680088461	High-modulus, core-sheath fiber development monthly progress report, 1 oct. - 1 nov. 1967	1967
19680088462	High-modulus core-sheath fiber development monthly progress report, 6 aug. - 3 sep. 1967	1967
19680088466	Atlas/centaur-12 surveyor-c flash flight report	1967
19680088474	Study of the solar chromosphere from balloon altitudes semiannual progress report	1967
19680088476	Radioisotope heat source ir and d program volume 5 - environmental tests of radioisotope heat source capsules	1967
19680088477	Failure analysis of semiconductors from polaris program quarterly status report, period ending 1 apr. 1967	1967
19680088483	Apollo communications systems performance and coverage analysis for mission as-204/lm-1	1967
19680088495	Thermal Test Samples Preliminary Test Report	1967
19680088496	Low thrust solid and hybrid propulsion systems, phase 2 monthly status report, 29 sep. - 29 oct. 1967	1967
19680088497	Low thrust solid and hybrid propulsion systems, phase 2 monthly status report, 30 oct. - 30 nov. 1967	1967
19680088499	Fluorine toxicity studies status progress report	1967
19680088501	Resistor, fixed, metal film, dipped, 2 watt rl-42	1967
19680088502	Energetic particle studies on the lunar anchored imp satellites semiannual report, 1 apr. - 30 sep. 1967	1967
19680088510	Lo2 chilldown system shutoff valve, formal qualification test dac scn 1a49965-521	1967
19680088511	Qualification of units for use on the apollo program final report	1967
19680088512	Filter, assembly, 3-micron, cold gas, qualification tests dac scn 1b66550-1	1967
19680088513	Lunar orbiter - a reliability case history	1967
19680088514	Development of a filament-overwrapped cryoformed metal pressure vessel monthly progress report, dec. 1967	1967
19680088525	Spacecraft 101, circuit utilization panel p/n v-442213 qualification test report	1967
19680088529	Test and evaluation of elcan 3 inch f/2.0 and 1-3/4 inch f/2.8 lenses	1967
19680088535	Handbook for operation of level 2 and level 3 configuration control boards	1967
19680088536	Nasa requirements for storable propulsion systems	1967
19680088542	Real-time auxiliary computing facility lv-501/csm-017 mission report	1967
19680088545	Resistor, fixed, metal film, dipped, 1 watt, rl-32	1967
19680088552	Sampling tests of two additional, 24-volt, nickel-cadmium aircraft batteries	1967
19680088554	A report on basic principles of packaging management, design, and control for industrial application	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088558	Structural design criteria report	1967
19680088559	Development of the helicopter performance computer for the sh-3a helicopter final report	1967
19680088564	Bibliography on polystyrene plastics	1967
19680088566	Multidisciplinary research in space-related science and technology	1967
19680088575	Theoretical and experimental investigations of the microwave properties of planetary atmospheres final report, apr. 1, 1963 - jul. 31, 1967	1967
19680088576	New technology utilization monthly status report, period ending dec. 31, 1967	1967
19680088577	Modification to part 2 of the steady state dynamic response computer program, addendum a	1967
19680088578	Constitutive equations for nonviscometric flows progress report, jul. 1 - dec. 31, 1967	1967
19680088579	Advanced gallium arsenide technology interim engineering progress report, 1 aug. - 31 oct. 1967	1967
19680088581	Radioisotope Heat Source I R and D Program. Volume 16 - Isotope Power for the Lunar Survey Module	1967
19680088583	Ionospheric data report november 1967	1967
19680088584	A proposal for improving afsc management of technical publications	1967
19680088590	Launch vehicle history	1967
19680088591	Airport suitability report. fifteen major domestic u. s. airports	1967
19680088599	Six hundred and seventy lube oil system operation with t-c set simulator apcef configuration c test report	1967
19680088600	Developmental investigation of the honeywell gg177b-4 hinged pendulum accelerometer final report	1967
19680088622	A study of office of aerospace research laboratory support systems	1967
19680088623	Methods for determining air eligible cargo	1967
19680088624	Portable moving electron beam welding system interim engineering progress report, 1 oct. - 31 dec. 1967	1967
19680088625	Impact of future technology on navy business management. volume 3 - appendix	1967
19680088638	Molecular beam surface interaction quarterly progress report, 25 jul. - 25 oct. 1967	1967
19680088643	Evaluation considerations of thermoelectric materials and an appraisal of some of the most developed materials for radioisotope thermoelectric generators for space power	1967
19680088649	Monthly bulletin. canadian upper air data. june 1967 and supplement	1967
19680088653	An analysis of the reports system of the standard base level supply system	1967
19680088654	Scientists, research, and policy making - the role of scientific advisory committees	1967
19680088656	Research on resin-impregnated, collimated boron filaments and improved high-modulus, high-strength filaments and composites annual summary report, 1 oct. 1965 - 7 nov. 1966	1967
19680088658	Silicon oxide films for semiconducting devices final report	1967
19680088661	A green's function approach to the neutral vibration of thin spherical shell segments /a numerical method/	1967
19680088663	Scientific advisory committees and decision making in nasa - the space sciences program	1967
19680088665	Study of the magnetosphere, the solar wind, and the transition zone quarterly status report	1967
19680088667	High-modulus core-sheath fiber development monthly progress report, 1 may - 21 jun. 1967	1967
19680088671	Investigation of transition metal oxides quarterly report, mar. - may 1967	1967
19680088672	Impact of future technology on navy business management. volume 2 - technological forecast	1967
19680088673	Research in space-related sciences semiannual report, 1 may - 31 oct. 1967	1967
19680088675	Reentry radiation and airflow quarterly progress report, 1 sep. - 30 nov. 1967	1967
19680088679	A recording, differential flow refractometer with interchangeable measuring ranges	1967
19680088680	Efficiency of two anti-seasickness drugs determined on their effect on the vestibular eye movement	1967
19680088681	Physiology and metabolism of hydrogenomonas eutropha quarterly report, 1 sep. - 30 nov. 1967	1967
19680088682	Design report, 670-2 lube oil system for use with apcef configuration c	1967
19680088684	Production engineering measure for mechanization of production operations to increase reliability of solid tantalum capacitors quarterly report, 29 apr. - 28 jul. 1967	1967
19680088685	Non-catalytic heterogeneous solid-fluid reaction systems final report	1967
19680088686	A study of the taylor-couette stability of viscoelastic fluids	1967
19680088703	Thermionic properties of selected light- element and some related compounds	1967
19680088707	Nonparametric ranking and selection procedures semiannual status report, 1 jul. - 31 dec. 1967	1967
19680088718	Preliminary launch vehicle flight evaluation report nasa mariner venus 67 /mv-67/ project nasa atlas-agena no. 23 /launched june 14, 1967/	1967
19680088721	Molecular beam surface interaction quarterly progress report, 25 apr. - 25 jul. 1967	1967
19680088722	Some effects of display symbols variation upon operator performance in aircraft interception	1967
19680088723	Manufacturing technology for polybenzimidazole resin in composite structures interim engineering progress report, sep. 15 - dec. 15, 1967	1967
19680088724	Production engineering of ferrite powder by fluid bed technique quarterly report, jul.- sep. 1967	1967
19680088725	An interdata computer program to store and analyze tracking data received from a tv encoder	1967
19680088729	An evaluation of the use of the maintenance data collection system by the major operational command level	1967
19680088730	An analysis of logistic support for automatic data processing equipment	1967
19680088731	An analysis of the air force equipment management system in relation to the standard base level supply system	1967
19680088732	The usaf contractual overhaul and maintenance program - an analysis of government furnished material management practices	1967
19680088733	An analysis of critical items in cargo aircraft	1967
19680088761	Cvd progress report no. 94 to d.d.n.p.r. admiralty may 1967 - september 1967	1967
19680088764	Studies of ice accumulation on ships, part 1	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088766	Manned flight support network study program /space communications group/ quarterly progress report, 1 apr. - 30 jun. 1967	1967
19680088770	Liquid propellant gas absorption study quarterly progress report, 1 oct. - 31 dec. 1967	1967
19680088771	Contract monitoring, test and evaluation of printer, projection, photographic, 1-2 fixed ratio, 5-inch, type en-70, miller- holzwarth, inc.	1967
19680088772	Study of crack initiation phenomena associated with stress corrosion of aluminum alloys quarterly report, 6 jun. - 25 sep. 1967	1967
19680088773	Learning systems for minimum risk adaptive pattern classification and optimal adaptive estimation	1967
19680088775	Alkaline battery separator characterization studies quarterly report, 23 aug. - 23 nov. 1967	1967
19680088777	Engineering obsolescence and continuing education	1967
19680088791	Research and development on a non-scanning microwave spectrum analyzer quarterly report, 1 sep. - 30 nov. 1967	1967
19680088797	A model of cost and transaction relationships inherent in the usaf accounting procedures for administrative equipment in fscs 7105 and 7110	1967
19680088801	Multidisciplinary research on composite materials and plasma engineering semiannual status report	1967
19680088802	Apollo command module television camera test-teardown-evaluation final report	1967
19680088803	Contractor's Independent Research and Development Program Quarterly Report, Jul. - Sep. 1967	1967
19680088805	Agc launch display parameter analysis for manned missions	1967
19680088806	Study of an optical technology test and operation station /ottos/. volume 2 - appendices	1967
19680088807	Study of an optical technology test and operation station /ottos/, volume 1	1967
19680088808	Galactic jupiter probe phase a structural design	1967
19680088809	A comparison of air force maintenance information systems with ground communications electronics-meteorological /c-e-m/ reliability information system requirements	1967
19680088810	C.v.d. progress report no. 40, may - october 1967	1967
19680088811	Pressure level effects tests 670-2 t-c set apcef configuration c	1967
19680088814	Test and evaluation of 670-2 t-c set apcef configuration c final report, jan. - sep. 1967	1967
19680088815	Blm-143 ku beacon magnetron production engineering measure quarterly progress report, 1 may - 30 jul. 1967	1967
19680088821	Self sustaining operational limits and overall system performance tests, 670-2 t-c set, apcef configuration c test report, jan. - sep. 1967	1967
19680088822	Crystals for optical maser applications quarterly report, 21 jun. - 20 sep. 1967	1967
19680088827	Model fh-701 continuous enlarger final test report, 11 may - 11 aug. 1967	1967
19680088829	Gt-10 post flight report	1967
19680088831	Study of helicopter gear lubrication quarterly progress report, jun. - aug. 1967	1967
19680088832	Bibliography on polyester plastics	1967
19680088834	Radiac calibrator set an/udm-2	1967
19680088837	Theoretical investigations of the constitution of the moon and planets semiannual report, jul. 1 - dec. 31, 1967	1967
19680088842	Microwave device techniques for aerospace surveillance technical report, 1 may - 31 jul. 1967	1967
19680088843	Wide length dc arc der gleichstrom-lichtbogen grosser bogenlange	1967
19680088849	Periodicity analysis of a sine wave plus rectangular noise	1967
19680088850	Perfluoroalkylenetriaizine elastomeric polymers technical documentary report, jun. 1965 - jun. 1966	1967
19680088852	Research on composite tape laying process for advanced fibrous reinforced composite structures quarterly report, period ending 31 jul. 1967	1967
19680088853	Project tailchaser - development of a lateral firing concept final report, jun. 1963 - may 1966	1967
19680088854	Turbine and compressor performance tests 670-2 t-c set apcef configuration c test report, 29 aug. - 19 sep. 1967	1967
19680088857	Investigation of transition metal oxides quarterly report, jun. - aug. 1967	1967
19680088859	Agema Space Vehicle Orientation Course	1967
19680088862	Comparative evaluation test of bonding methods for propulsion shaft seal rubber r o-rings	1967
19680088863	Production engineering measure for mechanization to increase reliability of solid tantalum capacitors quarterly report, 1 aug. - 31 oct. 1967	1967
19680088868	A study of data conversion techniques for shipboard digital-to-analog and analog-to- digital data conversion equipment	1967
19680088870	Electronics	1967
19680088873	Materials from gemini 6 recovery parachutes technical report, apr. 1966 - jan. 1967	1967
19680088878	Production engineering measure /pem/ for transistor, pnp, silicon, switching type el-2n /x-12/ quarterly reports, 26 mar. - 25 sep. 1967	1967
19680088880	Quarterly report no. 204 for july to september 1967	1967
19680088882	Microstructure, creep and failure - a program for graduate education and research in high temperature materials semiannual report	1967
19680088883	Evaluation of various instrumental and analytical methods for the support and development of thin film microelectronic devices	1967
19680088900	Feasibility study for use of yf-12a aircraft as a scientific instrument platform for observing the 1970 solar eclipse progress report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088902	Sampling tests of five aircraft batteries, nickel-cadmium, 0.4 ampere-hour, type ms17334-2, manufactured by sonotone corporation	1967
19680088905	Cvd progress report, may - october 1967	1967
19680088907	User manual for the on-line pattern analysis and recognition system /olpars/ final report, 8 jun. - 15 nov. 1967	1967
19680088918	Automation	1967
19680088927	Instrument for calibration of hypervelocity accelerators final report	1967
19680088931	Design methods for radio interference filters using ferrite inductor cores	1967
19680088940	Hazards to the eye from ionizing radiation during extended space missions progress report, 1 jul. - 31 dec. 1967	1967
19680088941	Space systems analysis and computer programming services quarterly progress report, 1 oct. - 31 dec. 1967	1967
19680088944	Collective effects in stellar dynamics and plasma physics	1967
19680088952	Task e-45a second quarterly progress report, volume 2	1967
19680088954	Rist study, point conception tasks accomplished semiannual report, 1 jul. - 31 dec. 1967	1967
19680088958	Qualification test, switch, pressure, high pressure lo2/lh2 repressure regulator p/n 1b52624-509 technical memo	1967
19680088964	NIMBUS Meteorological Satellite Integration and Testing	1967
19680088966	Mutagenic effectiveness of known doses of gamma radiation in combination with weightlessness on habrobracon quarterly progress report, 1 oct. - 31 dec. 1966	1967
19680088972	Numerical integration of systems with large frequency ratios	1967
19680088973	An analytical method for predicting the forces and moments on bodies having elliptical cross sections by use of newtonian theory	1967
19680088974	Numerical method of calculating lift induced perturbation velocities around subsonic wings and wing-fuselage combinations of arbitrary planform	1967
19680088976	Properties of metric-dependent dimension functions	1967
19680088983	Voyager spacecraft design status report	1967
19680088989	Transient finite difference solutions for the interaction of a normal shock wave with a sphere and for the hypersonic flow of thermally radiating air past a sphere	1967
19680088998	Integrating matrix method for determining the natural vibrations of a rotating, unsymmetrical beam with application to twisted propeller blades	1967
19680089004	Saturn 5 as-502 launch vehicle operational flight trajectory - final volume 1 of 2	1967
19680089005	Study of in situ degradation of thermal control surfaces technical progress report, 7 - 31 mar. 1967	1967
19680089006	An investigation into the factors affecting projectile velocity in an exploding-foil hypervelocity gun	1967
19680089020	Mechanisms of energy transfer in solids and gases quarterly technical report, 1 oct. - 31 dec. 1967	1967
19680089021	Quarterly reliability and quality assurance report. volume 2 - quality assurance	1967
19680089022	Production of two flight-model advanced horizon sensor systems for ogo final report	1967
19680089024	Commercial airline systems analysis	1967
19680089026	Models of non-local ionization sources for use in studies of radio propagation in a nuclear environment	1967
19680089027	Sondrestrom observing	1967
19680089028	Fast boiling reactors with fuel in the form of a molten salt	1967
19680089031	Research on silicon carbide whisker-metal matrix composites quarterly technical report, 1 oct. 1966 - 1 jan. 1967	1967
19680089037	Study of in situ degradation of thermal control surfaces technical progress report, jun. 1-31, 1967	1967
19680089038	Study of in situ degradation of thermal control surfaces technical progress report, apr. 1-31, 1967	1967
19680089039	Report of noise produced by a wire in a flow stream	1967
19680089044	Study of in situ degradation of thermal- control surfaces technical progress report, dec. 1-31, 1967	1967
19680089045	Study of in situ degradation of thermal control surfaces technical progress report, may 1-31, 1967	1967
19680089047	Mutagenic effectiveness of known doses of gamma radiation in combination with weightlessness on habrobracon quarterly progress report, 1 jan. - 31 mar. 1967	1967
19680089049	Mutagenic effectiveness of known doses of gamma irradiation in combination with zero gravity on neurospora quarterly report, 1 oct. - 15 dec. 1966	1967
19680089052	Symposium on the physics of shocks in plasma institute of nuclear physics, novosibirsk, ussr, august 1-5, 1967	1967
19680089068	Air transportability testing of the utv and emp units in the c-133 and c-141 aircraft technical report, 26 jun. - 17 jul. 1967	1967
19680089069	C. v. d. report no. 123a to d. n. p. r. april - september 1967	1967
19680089070	Solid propellant rocket motor data sheet, imp 5	1967
19680089071	Solid propellant rocket motor data sheet, imp 6	1967
19680089073	Mathematical methods for decision making annual progress report for 1967	1967
19680089085	Advanced development, aircraft ecm penetration aids /u/	1967
19680089099	Hypersonic research engine project - phase 2 a, first oral review /u/	1967
19680089130	Cartographic production equipment	1967
19680089173	Studies of thermionic materials for space power applications /u/ monthly report, 1 - 30 nov. 1966	1967
19680089174	Scale-up of new process for production of tetrafluorohydrazine /u/	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089183	Feasibility evaluation of toroidal combustion chamber /u/ quarterly report, 1 oct. - 31 dec. 1967	1967
19680089186	Hf narrowband secure voice equipment tests /u/ interim report, 16 - 30 apr. 1967	1967
19680089193	Minuteman amr field test report - ftm 449 - flight test /u/	1967
19680089210	Danti and sinco evaluation /u/ interim report, 1 jun. - 21 sep. 1967	1967
19680089212	Advanced Engineering Program System and Dynamics Investigation (Aerospike)	1967
19680089213	Advanced engineering program system and dynamics investigation /aerospike/, volume 2 /u/ final report, 1 jan. 1966 - 15 aug. 1967	1967
19680089222	Feasibility evaluation of toroidal combustion chamber /u/ quarterly report	1967
19680089224	S-5 monthly progress report, 11 february - 22 march 1967 /u/	1967
19680089225	Spacecraft design /aerodynamics and design concepts/, appendix 2 /u/	1967
19680089226	Spacecraft design /parametric design studies/, appendix 3 /u/	1967
19680089231	Analytical evaluation of the ejector ramjet /u/ oral quarterly report	1967
19680089238	Integrated motor demonstration for a forward area air defense system /u/ final report, 1 jul. 1966 - 31 aug. 1967	1967
19680089261	Turbulent diffusion of small particles quarterly progress report, sep. - dec. 1967	1967
19680089269	Keto and thioketo-s-triazines - the infrared spectra of deuterated derivatives technical report, jan. 1965 - jan. 1966	1967
19680089271	Vostok vosztk-voszhod	1967
19680089295	Radar surveillance system an/upd-3 /u/	1967
19680089322	Studies of thermionic materials for space power applications /u/ informal monthly report, may 1-31, 1967	1967
19680089328	Ultraviolet image converter tube development /u/ final report, 30 jun. 1966 - 30 jun. 1967	1967
19680089329	[No Title]	1967
19680089344	Feasibility evaluation of toroidal combustion center /u/ monthly progress report, 1-31 oct. 1967	1967
19680089352	Progress letter for december 1967	1967
19680089358	Recording thermograph. instrument fact sheet	1967
19680089359	Research and development of microwave tubes and devices quarterly report, 1 jun. - 31 aug. 1967	1967
19680089360	Thermodynamics of mixed electrolytes final report	1967
19680089361	Experiments on cylindrical electrostatic probes in slightly ionized hypersonic flow	1967
19680089363	Atlas/centaur-14 surveyor-f operations summary	1967
19680089369	Management actions associated with major accidents	1967
19680089372	Guidance system operations plan for manned lm earth orbital missions using program sundance. section 5 - guidance equations	1967
19680089375	Analytical comparison of cesium and potassium as rankine cycle working fluids for space power plants	1967
19680089401	Experimental formulation of liquid "b" compounds /u/ monthly progress report, 1-31 oct. 1967	1967
19680089407	Phoebus-2 /u/ monthly progress report, 1-31 jan. 1967	1967
19680089431	Nasa hypersonic research engine project /u/	1967
19680089435	Experimental formulation of liquid "b" compounds /u/ quarterly report, 1 jul. - 30 sep. 1967	1967
19680089436	MOL Acoustic, Shock, and Vibration Levels	1967
19680089446	Experimental formulation of liquid "b" compounds /u/ monthly progress report, 1-30 nov. 1967	1967
19680089448	Feasibility evaluation of toroidal combustion chamber /u/ monthly progress report for period ending 30 nov. 1967	1967
19680089461	Apollo spacecraft program quarterly status report, period ending 30 jun. 1967	1967
19680089469	A patrol of the lunar surface with a 24-inch reflector and image orthicon system semiannual status report, 1 dec. 1966 - 31 may 1967	1967
19680089472	Development of an hy-180/210 weldment progress report, 1 jul. - 31 dec. 1966	1967
19680089474	The backscattering from a tuned resonant surface made of an array of short loaded dipoles	1967
19680089475	Research on improvements to small microwave tubes quarterly report, 1 dec. 1966 - 28 feb. 1967	1967
19680089476	Valve-relief and shut-off oxidizer tank vent, missileborne	1967
19680089477	Radiation characteristics of a spherical transducer surrounded by a concentric shell	1967
19680089481	Landing systems development program /formerly attended area let-down system, mk 2/	1967
19680089484	Guidance system operations plan for manned lm earth orbital missions using program sundance. section 2 - data links	1967
19680089487	An analytical investigation of servo analyses, system integration studies and consultation services for an x-band telemetry tracking system final report, 14 nov. 1966 - 15 dec. 1967	1967
19680089488	Preparation of high quality gallium arsenide technical progress report, 1 sep. - 30 nov. 1967	1967
19680089490	Oak ridge national laboratory status and progress report, february 1967	1967
19680089504	Delta-53 orbiting solar observatory-d /oso-d/ operations summary	1967
19680089506	Space storable regenerative cooling investigation monthly progress report, 1-30 nov. 1967	1967
19680089515	Research on improvements to small microwave tubes	1967
19680089518	Investigations of electron emission characteristics of low work function surfaces	1967
19680089519	Exhaust Plume Reflectivity Study Quarterly Report, 15 Jul. - 15 Oct. 1966	1967
19680089522	The Development of a Nylon Trailing Line Antenna System	1967
19680089526	Oak ridge watnonal laboratory status and progress report	1967
19680089534	Kinetic study of electrically activated reacting systems at relatively low temperature levels progress report, mar. - sep. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089538	Study of applicability of lunar orbiter subsystems in planetary orbiters	1967
19680089550	Yag laser development interim technical report, 1 sep. - 31 dec. 1966	1967
19680089552	A fundamental investigation of the nature of stress-corrosion cracking in aluminum alloys	1967
19680089554	Brazing beryllium by capillary flow final report, 1 jul. 1965 - 30 sep. 1966	1967
19680089571	A summary of the first-guess fields used for operational analyses	1967
19680089572	Design and development of a 94 ghz icem coaxial magnetron Interim report, 15 oct. 1966 - 15 jan. 1967	1967
19680089585	Hydrogen-fluorine engine evaluation /u/ monthly status report, 1-30 nov. 1967	1967
19680089599	The influence of residual rolling stresses on submarine hull strength	1967
19680089612	Potentiometer evaluation	1967
19680089613	Potentiometer evaluation	1967
19680089614	Acceptance test report for fixed capacitors	1967
19680089615	Acceptance test report on fixed capacitors	1967
19680089616	Potentiometer evaluation	1967
19680089617	Valve-relief, liquid oxygen, tank pressure	1967
19680089618	Valve-relief, fuel tank pressure	1967
19680089619	Space environment tests on thin film solar cells	1967
19680089620	The rf design 3.75 gc/s radio polarimeter	1967
19680089621	Feasibility study of a fluorescent temperature and density probe	1967
19680089622	Potentiometer evaluation	1967
19680089623	Potentiometer evaluation	1967
19680089624	High level thermal radiation systems	1967
19680089626	Periodic reevaluation test report for transformer - signal	1967
19680089627	Tool and cutter grinding for the sst	1967
19680089632	Capacitors, electrolytic, aluminum foil, axial lead, metal case, temple industries	1967
19680089633	Valve-relief, liquid oxygen tank pressure	1967
19680089634	Electrical harnesses - testing of	1967
19680089635	Regulator-pressure, liquid oxygen tank, missileborne	1967
19680089636	Valve-relief, liquid oxygen, tank pressure	1967
19680089637	Wolf trap microbe detection experiment final report	1967
19680089638	The endogenous metabolism of anaerobic bacteria final technical report, apr. 1966 - mar. 1967	1967
19680089639	Thermistors, Varistors, Vendor Packaging Final Report	1967
19680089642	Solenoids, ac rotary 1-2 watt, 1-30 volts	1967
19680089645	The continuation of a grant for theoretical and analytical research on electron densities in the ionosphere status report, mar. 1 - aug. 31, 1967	1967
19680089655	Qualification testing of transistors	1967
19680089660	Differential operational amplifier model usl-1	1967
19680089661	Qualification tests on encoders.	1967
19680089663	Capacitor, molded plastic encased aluminum electrolytic, mallory type mta evaluation report	1967
19680089664	Capacitors, electrolytic, aluminum foil, axial lead, metal case, npc electronics evaluation report	1967
19680089665	Diodes, Transistors, Semiconductor, Vendor Packaging	1967
19680089667	Qualification test report of indicator, digital, electroluminescent	1967
19680089670	Transducer - pressure, absolute, d.c. output	1967
19680089671	Capacitors, electrolytic, aluminum foil, axial lead, metal case, ducati evaluation report	1967
19680089673	Valve-relief, liquid oxygen, tank pressure	1967
19680089674	Valve-relief, fuel tank pressure	1967
19680089675	Model h 7030a differential operational amplifier	1967
19680089676	Potentiometer evaluation	1967
19680089678	Sixty-four /64/ encoders, p/n400-1519-103 and p/n400-1519-115 per ektr-354	1967
19680089697	Integrated circuits-clocked flip-flop final test report	1967
19680089699	Monostable multivibrator final test report	1967
19680089700	Potentiometer evaluation	1967
19680089701	Potentiometer evaluation	1967
19680089702	Transistors type 25r-025 environmental tests for eastman kodak company	1967
19680089703	Evaluation tests on connectors, electrical /power, bladed type/	1967
19680089704	Hermetic seal, leak rate, and vacuum terminology	1967
19680089706	Battery, remotely activated /tlm/rsc/	1967
19680089707	Resistors, Capacitors, Fixed Vendor Packaging	1967
19680089709	Filter element, fluid, pressure pump inlet, hydraulic power package	1967
19680089710	Lem Parts Qualification Program. Final Test Report	1967
19680089711	Redundant system hold/cycle, decision criteria probability analysis study for s-2-1 and s-2-4	1967
19680089715	Reactor filter on filters, electrical, 400 cycles, low pass, fixed, 1 h operating	1967
19680089719	Chemical information and data system interim report	1967
19680089720	Monthly record meteorological observations in Canada	1967
19680089725	Chemistry of solid propellant combustion technical status report, 1 jan. - 30 jun. 1967	1967
19680089730	Test procedure and test report for valve- relief, liquid oxygen tank pressure	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089732	Acceptance test report on fixed capacitors	1967
19680089733	Localized induction heating of titanium 6al-4v sections and extrusions	1967
19680089734	Lead removal from titanium and 300 series corrosion-resistant steels	1967
19680089735	Glass-filament-wound tankage for containment of pressurized fluids at plus 500 to minus 423 deg f	1967
19680089738	Evaluation of cutting tools for profile machining of boron filament-epoxy composites	1967
19680089739	Interservice data exchange program evaluation of edgewise panel meters	1967
19680089740	Test procedure and test report for valve- relief, fuel tank pressure	1967
19680089741	Theoretical and laboratory investigations in radio astronomy status report, 1 oct. - 31 dec. 1967	1967
19680089744	Nicp space battery test data analysis project phase 2 quarterly report, 1 aug. - 31 oct. 1967	1967
19680089745	Measurement of ion mass spectra in the ionospheric e-region final report	1967
19680089746	Progress letter for november 1967	1967
19680089757	Chemistry of solid propellant combustion technical status report, 1 jul. - 31 dec. 1967	1967
19680089761	Ferrite-core memory with semiconductor control circuits	1967
19680089762	C-141a engineering flight test results of electromagnetic interference compatibility and compliance testing, fy-67 production awls	1967
19680089763	Resistor, variable, wirewound, linear, .50-1 watt	1967
19680089764	Coil, inductance, fixed	1967
19680089768	Dana 5400 digital voltmeter evaluation	1967
19680089769	Polystyrene capacitors, fused polystyrene enclosure	1967
19680089770	Model 121 on differential operational amplifier	1967
19680089771	Disconnect coupling - pneumatic staging controls bottle supply missileborne	1967
19680089777	Model 1549/15 on differential operational amplifier	1967
19680089780	Dana 5500 digital voltmeter evaluation	1967
19680089781	Contamination control specification - fluids and equipment final report	1967
19680089782	Investigation of the effects of ethylene oxide/freon 12 exposure on stressed 6a1-4v titanium samples	1967
19680089783	Electrical power distribution systems for aerospace vehicles	1967
19680089792	Development of an hy-110 weldment progress report, 1 jul. - 31 dec. 1966	1967
19680089793	Valve - relief, liquid oxygen, tank pressure	1967
19680089795	Qualification testing of parts for use on the apollo program	1967
19680089797	Transducer - pressure differential, dc output	1967
19680089798	The effects of ionizing radiation on transistors	1967
19680089799	Brayton-cycle demonstrator test program monthly progress report	1967
19680089800	Disconnect coupling - pneumatic staging controls bottle supply missileborne	1967
19680089801	C-141a compatibility test report of test set - artificial feel system g.	1967
19680089802	Qualification testing of ball screw assembly	1967
19680089803	Etched wire adhesion	1967
19680089805	Qualification of semiconductor, temperature compensated, zener diode	1967
19680089806	Fairchild 7050 digital voltmeter evaluation	1967
19680089807	Lambda electronics model lmf5 solid state power supply	1967
19680089808	Potentiometer evaluation	1967
19680089809	Regulators, ac voltage - electronic, wanlass model r-3100-75is, performance evaluation	1967
19680089810	Lem parts qualification program final test report	1967
19680089812	Reactor filter	1967
19680089813	Valve assembly - disconnect oxidizer, missileborne	1967
19680089830	Image dissecticons /u/ monthly technical progress report, 1-31 sep. 1967	1967
19680089831	Image dissecticons /u/ monthly technical progress report, 1-30 nov. 1967	1967
19680089832	Image dissecticons /u/ monthly technical progress report, 1-31 oct. 1967	1967
19680089878	A sensitive device for detecting air vibrations at very low frequencies /u/	1967
19680089882	Uhf airborne terminal antenna techniques /u/ quarterly report, 15 jul. - 15 oct. 1967	1967
19680089886	Status report no. 9 /u/	1967
19680089889	Redeye research and development program /u/ monthly report	1967
19680089893	Resistance jet microthruster system development /u/ monthly progress report, period ending aug. 1967	1967
19680089929	Report of tests on one-hundred and six /106/ diodes, high conductance	1967
19680089930	Test procedure and test report for regulator - helium pressure, liquid oxygen tank	1967
19680089931	Rectifier - silicon - glass package - reliability evaluation /g.e. in5060/	1967
19680089935	Connector assembly - electrical, cryogenic thru bulkhead	1967
19680089936	Potentiometer evaluation on variable resistor, wirewound, multiturn, linear, 8 watts	1967
19680089937	Potentiometer evaluation on variable resistor, wirewound, multiturn, linear, 2 watts	1967
19680089938	Valve - relief, fuel tank pressure	1967
19680089939	Valve - relief, liquid oxygen, tank pressure	1967
19680089940	Qualification test report on diodes	1967
19680089941	Transformer - signal	1967
19680089942	Acceptance test report on fixed capacitors	1967
19680089943	Evaluation of a high voltage silicon rectifier in a plastic package /motorola mr994/	1967
19680089944	Model ado-26 differential operational amplifier	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089945	Differential operational amplifier 118f or 118 and b11	1967
19680089946	Acceptance test report or fixed capacitors	1967
19680089947	Qualification report on fixed capacitors	1967
19680089948	Report on radiation test series no. 13 at the martin co60 gamma pool facility	1967
19680089950	Visual analysis of three sprague cd-3037-7 high stability axial lead miniaturized wirewound power resistors	1967
19680089959	Valve-relief and shut-off, oxidizer tank vent	1967
19680089960	Procurement and development program for nickel-cadmium cell to specification s-615-p-2 technical status report, aug. 16 - oct. 31, 1967	1967
19680089969	Model sn52 709l on differential operational amplifier	1967
19680089970	Model 1812 on operational amplifier integrated circuit	1967
19680089971	Evaluation tests on resistors, variable, bushing mounting single turn, mfrs. type rts t/8	1967
19680089972	Results of 197 day exposure to deep ocean environment on structural materials and coatings	1967
19680089973	C-5a program air vehicle cabling and wire classification plan	1967
19680089974	Evaluation of a metal film resistor operated in a high voltage circuit /caddock types mg710 and mh711/	1967
19680089975	Ramp actuator rod seal evaluation	1967
19680089976	Valve - relief, fuel tank pressure acceptance reverification test report	1967
19680089977	Acceptance test report on fixed capacitors	1967
19680089978	Vehicleborne, subcarrier oscillator	1967
19680089980	Engine-driven hydraulic pump and isolator evaluation qualification test	1967
19680089981	Disconnect coupling - pneumatic rise off, bottle supply ground to missile, airborne	1967
19680089982	Disconnect coupling-pneumatic staging controls bottle supply missileborne acceptance reverification test report	1967
19680089983	Valve - relief, liquid oxygen, tank pressure acceptance reverification test report	1967
19680089984	Thermal conductivity test of a prototype nickel faced, electroformed steel tool	1967
19680089985	Compudyne/excello dcs 1001 numerical control system	1967
19680089988	Switch, accelerometer, missileborne, specification for	1967
19680089989	Battery - main missile	1967
19680089990	C-5a loran-c antenna design	1967
19680089991	Acceptance test report or fixed capacitors	1967
19680089992	Differential operational amplifier model 3004	1967
19680089995	Potentiometer evaluation	1967
19680089996	Potentiometer evaluation	1967
19680089997	X-22a tri-service v/stol aircraft monthly progress report, 1-31 jul. 1967	1967
19680089998	Qualification test report on 4 layer diode	1967
19680089999	Differential operational amplifier ic model mc 1531g	1967
19680090000	Evaluation of edgewise panel meters	1967
19680090001	Potentiometer evaluation on variable resistor, composition, single turn, linear 3 watts	1967
19680090002	Gold electroplating solution, alkaline - specification	1967
19680090006	Rectifier - silicon - plastic package reliability evaluation general instruments p100j	1967
19680090007	Solid state power supply evaluation	1967
19680090008	Potentiometer evaluation on variable resistor, composition, single turn, linear, 2 watts	1967
19680090009	Potentiometer evaluation on variable resistor, composition, multiturn, linear, 0.5 watt	1967
19680090010	Potentiometer evaluation on variable resistor, wirewound, multiturn, linear 1 watt	1967
19680090011	Potentiometer evaluation	1967
19680090012	Differential operational amplifier model 3003	1967
19680090014	Potentiometer evaluation on variable resistor, wirewound, multiturn, linear, 3	1967
19680090015	Specification for glass fabric reinforced silicone resin laminate fabrication for structural applications	1967
19680090016	Resistors, capacitors, inductors, variable, vendor packaging	1967
19680090017	Lem quartz crystal filter	1967
19680090019	Lem parts qualification program final test report	1967
19680090020	Valve - relief, fuel tank pressure	1967
19680090021	Qualification test report for electrolytic capacitors	1967
19680090022	Acceptance test report on fixed capacitors	1967
19680090024	Model km-42 differential operational amplifier	1967
19680090025	Preparation and installation of thermocouple wire	1967
19680090026	Foam, application of electrical epoxy syntactic - process specification for	1967
19680090027	Deoxidizer, aluminum alloys - specification for	1967
19680090028	Results of lot validation study on i/c's procured using hi-rel specification 1960546	1967
19680090031	Propellant tank pre-valve formal	1967
19680090034	Model 1557 differential operational amplifier	1967
19680090035	Disconnect-staging, pneumatic tank sensing, missileborne	1967
19680090036	Nls x-2 digital voltmeter evaluation	1967
19680090038	Transducer - pressure, absolute, d. c. output	1967
19680090039	Qualification tests on encoders	1967
19680090040	Penetration of insulation of teflon-coated wire	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090041	Evaluation tests on switch assemblies, push button, manufacturer's type 1pb5, military type mil-s-8805/2c	1967
19680090042	Model 201 - operational amplifier, chopper stabilized, single end	1967
19680090043	Disconnect - staging, pneumatic, tank pressurization	1967
19680090045	Evaluation of a silicon rectifier in a plastic package, at dry bulb temperature of 75 deg c - relative humidity of 80 percent and at 100 deg c ambient	1967
19680090046	Specification for stannous fluoborate	1967
19680090047	Lem parts qualification program final test report	1967
19680090048	Microcircuit development	1967
19680090049	Development of an integrated display device technical progress report, 1 jun. - 31 aug. 1967	1967
19680090050	Model 1485 operational amplifier differential input/output	1967
19680090051	C-5 station keeping directional antenna design and development	1967
19680090052	Engine driven pump shaft seal leakage investigation and seal evaluation	1967
19680090053	Evaluation of a silicon rectifier in a fused glass case at dry bulb temperatures of 75 deg c-relative humidity 80 percent, and at 100 deg c ambient	1967
19680090054	Specification for copper cyanide	1967
19680090055	Acceptance test report on fixed capacitors	1967
19680090056	Acceptance test report on fixed capacitors	1967
19680090057	Model 301 on differential operational amplifier	1967
19680090058	Model 101c - differential operational amplifier	1967
19680090059	Regulator - helium pressure liquid oxygen tank	1967
19680090060	Final Test Report for Capacitor, Fixed, Mica Dielectric, High Voltage	1967
19680090065	Valve - relief, fuel tank pressure	1967
19680090070	Transistor, npn, si, switching	1967
19680090071	Diode, silicon, switching	1967
19680090072	Transistor, power, pnp	1967
19680090075	Fungus and t/v testing of identification labels	1967
19680090076	Rocket motor, retro	1967
19680090080	Fungus tests of materials	1967
19680090081	Size 10 motor generator	1967
19680090082	High level thermal radiation systems	1967
19680090085	Disconnect - staging, pneumatic tank pressurization	1967
19680090086	Evaluation of internal and external discontinuities of six age steel castings before and after ultimate loading	1967
19680090087	Step cutting of honeycomb core by the edm process interim	1967
19680090088	Studies of interface damping quarterly report, 25 may - 24 aug. 1967	1967
19680090090	Evaluation test report on em38315 inductors	1967
19680090091	Thermal effects of high power transistors	1967
19680090092	A Start-Stop Study of Solid Propellants Quarterly Progress Report, 13 Mar. - 13 Jun. 1967	1967
19680090093	Evaluation test of international rectifier	1967
19680090094	Evaluation test report for em312218 transformers	1967
19680090095	Evaluation tests on carbon ceramic potentiometers, type nsq 4040	1967
19680090096	Report of qualification test on holex part number 5394 squib, electric	1967
19680090102	Texas instruments t2 l integrated circuit environment and life certification	1967
19680090103	Semiconductor, diode, rectifier, silicon /solitron 1n3870/	1967
19680090104	Evaluation of solenoid operated coaxial switch, automatic metal products part numbers 10csa-1/2-188 and 10csa-1/2-189	1967
19680090105	Magnesium alloys, anodic treatment of	1967
19680090106	Model 10I2 differential operational amplifier	1967
19680090107	Earth resources/meteorology research and technology	1967
19680090108	Investigation of effects of pickling le-2 coated cb-752	1967
19680090109	Qualification testing of titeflex corp. stainless steel, flexible coolant hose assy. p/n 96049 /ibm p/n 6084480/	1967
19680090110	Qualification testing of titeflex corp. stainless steel, flexible coolant hose assy, p/n 96047 /ibm p/n 6084479/	1967
19680090111	Model pp85a differential operational amplifier	1967
19680090112	Life test of two sigma 32wd-90-gd-sil relays when used to turn on and off simulated satellite loads drawing up to 20 amperes for 80 to 100 microseconds and then 1.25 amperes until switched off	1967
19680090115	Semiconductor, transistor, general purpose, silicon, npn	1967
19680090116	Semiconductor, transistor, general purpose, germanium, pnp	1967
19680090117	Qualification testing of halkey roberts pressure relief valve s750 mp 1.30 psi /p/n 6084444/ using buna-n o-rings pressure set and rtv-731 applied to adjusting mechanism	1967
19680090118	Qualification testing of titeflex corp. stainless steel, flexible coolant hose assy. p/n 96050 /ibm p/n 6084481/	1967
19680090119	Requalification testing of the trw ps 4935 microdiode	1967
19680090121	Eighth reliability assessment for the orbiting geophysical observatories	1967
19680090123	Raychem, stranded, tinned copper, modified polyolefin wire	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090124	Resistor, variable /potentiometer/ composition, multiturn, linear, 0,25 to 0.50 watt. evaluation of beckman 61 series and 63 series devices	1967
19680090125	Qualification testing of halkey roberts vacuum relief valve s750 mv0.5 psi /p/n 6084445/ using buna-n o-ring pressure pre-set and rtv-731 applied to adjusting mechanism	1967
19680090126	Semiconductor, transistor, power, silicon-npn /evaluation of national 2n2892/	1967
19680090127	Supplementary analysis of qualification test of apollo block 2 ecs radiator subsystem	1967
19680090133	Method of mounting integrated circuits for vibrational testing	1967
19680090136	Determination of swaging pressures and assembly torques for harrison sleeve connections used with am350 tubing /c-5a/ qualification test report	1967
19680090138	Potential of submersible systems for undersea exploration and exploitation	1967
19680090139	Potentiometer evaluation	1967
19680090140	Development test data transmittal suit heat exchanger	1967
19680090143	Evaluation of transformer, nortronics 79280	1967
19680090146	Evaluation test report for ceramic capacitor	1967
19680090148	Nasa/usaf liquid propellant blast hazards program, project pyro quarterly progress report, period ending 31 dec. 1967	1967
19680090149	Potentiometer evaluation	1967
19680090150	Potentiometer evaluation on variable resistor, composition, multiturn, linear, 1 watt	1967
19680090152	Potentiometer evaluation on variable resistor, wirewound, multiturn, linear 1.5 watts	1967
19680090153	Potentiometer evaluation on variable resistor, wirewound, multiturn, linear, 3 watts	1967
19680090156	Microelectronics evaluation. linear integrated circuit survey interim report	1967
19680090158	Development endurance test report glycol pumping unit	1967
19680090159	Proof pressure testing-tunnel pressure gauge	1967
19680090161	Design and development of a brushless, direct-drive solar array reorientation system quarterly report, 15 sep. - 15 dec. 1967	1967
19680090162	Design and development of a brushless, direct-drive solar array reorientation system quarterly report, 22 jun. - 15 sep. 1967	1967
19680090163	Accumulator, hydraulic, test procedure and test report	1967
19680090166	Static compressive and tensile tests of c-5a honeycomb underfloor-bulkhead sections	1967
19680090167	Coupling assembly-tank pressure, fuel and oxidizer, ground and missileborne	1967
19680090168	Valve-relief, fuel tank pressure	1967
19680090169	Model 1509 differential operational amplifier	1967
19680090170	Filter, fluid, pressure hydraulic return line power package	1967
19680090172	Photochromic materials for optical recording and processing progress report, 20 jul. - 19 oct. 1967	1967
19680090173	Nimbus meteorological satellite integration and testing quarterly progress report, 16 aug. - 15 nov. 1967	1967
19680090174	Geos a short arc orbital data reduction and analysis quarterly progress report, 21 sep. - 31 dec. 1967	1967
19680090175	Infrared filter wedge spectrometer instrument for nimbus d satellite quarterly report, 1 jul. - 1 oct. 1967	1967
19680090177	Qualification test of encoders	1967
19680090178	Evaluation of electrical resistance and corrosion resistance of magnesium/aluminum electrical bonds	1967
19680090179	Evaluation of a silicon rectifier in a plastic package, at dry bulb temperature of 75 deg c - relative humidity of 80 percent, at 100 deg c ambient	1967
19680090191	Survey of the elevated line source	1967
19680090192	Ebw pressure cartridge monthly progress report	1967
19680090193	Feasibility study of positive gauging systems. phase 1 - preliminary analyses	1967
19680090195	Relativistic effects on space tracking data semiannual status report for period ending 30 jun. 1967	1967
19680090198	Project development plan for launch information systems	1967
19680090199	Measurements on the trade wind inversion at aruba, n.a., february-march 1965	1967
19680090200	Project versatile information processor /vip/ quarterly report, 1 may - 1 aug. 1967	1967
19680090201	Final report, 15 january - 15 december 1967	1967
19680090202	Cassegrain feed for deep space antennas final report, 15 jun. - 15 sep. 1967	1967
19680090203	Study of reduced problems of three and four bodies in connection with cislunar trajectories final report, jun. 1966 - jul. 1967	1967
19680090204	User's manual for the advanced mission analysis manual	1967
19680090205	Development of analysis procedures for spacecraft structures under dynamic loading quarterly report, 23 sep. - 23 dec. 1967	1967
19680090206	Study of advanced ground station - post 1970	1967
19680090208	Infrared interferometer spectrometer /iris/ instrument for nimbus d spacecraft quarterly report, 15 sep. - 15 dec. 1967	1967
19680090210	Modeling techniques for mechanical simulation of flexible satellites final report, 29 may - 18 sep. 1967	1967
19680090211	Usaf handbook on photographic processing facilities. volume 1 - clean room standards	1967
19680090212	Usaf handbook on photographic processing facilities. volume 2 - the quality control system	1967
19680090214	Resistor, fixed film	1967
19680090216	Transformer, audio, united transformer corporation, raytheon part number 352699, rev. 4	1967
19680090219	Evaluation tests on capacitors, electrolytic, aluminum	1967
19680090220	Evaluation of power supply	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090221	Evaluation of motorola 2n3783	1967
19680090222	Agastat switch - shelf life test	1967
19680090223	Evaluation/qualification of printed circuit card edge connector	1967
19680090224	Agaswitch - vibration testing	1967
19680090225	Lead band test performed for various types of integrated circuit flat packs	1967
19680090226	Advanced mission analysis quarterly report, 1 jun. - 31 aug. 1967	1967
19680090233	Brakes, electric, disk	1967
19680090234	Vibration of 9069-1 blasting caps test analysis report	1967
19680090235	Dynamic environments evaluation of r3630, sigma relay	1967
19680090236	Test for particulate contamination on r2053, filters relays	1967
19680090237	Radar beacon antenna systems vswr tests	1967
19680090238	Solenoid, ac rotary, - 50-1 watt 30-109 volts	1967
19680090239	Alternate source qualification	1967
19680090240	Heteroepitaxial growth of molybdenum thin films on insulating substrates	1967
19680090241	Test data management	1967
19680090242	Evaluation of u. s. capacitor corporation ceramic capacitor c12 series file no. 153-20. 30.40	1967
19680090243	Burndy ferrule crimp qualification	1967
19680090244	Burndy ferrule crimp qualification	1967
19680090245	Burndy ferrule crimp qualification	1967
19680090246	Qualification testing of the hpa-6410 and hpa-6425 hot carrier diodes	1967
19680090247	Environmental testing of polycarbonate capacitors	1967
19680090248	Monopropellant hydrazine plenum study quarterly report, 24 apr. - 24 aug. 1967	1967
19680090250	Maintenance and support of military microelectronic systems	1967
19680090252	Evaluation test report for voltmeter	1967
19680090253	Investigation of bourns 3586-1-202	1967
19680090254	Evaluation tests on capacitors, electrolytic, solid tantalum	1967
19680090255	Evaluation Test Report of Circuit Board Multilayer	1967
19680090256	Mini-connector evaluation	1967
19680090259	Evaluation test report for bleeder valve	1967
19680090260	Quarterly performance report for eighth quarter	1967
19680090262	Lem parts qualification program final test report	1967
19680090265	Physiological responses to work load - an exploratory field study	1967
19680090268	Aerial ice observing and reconnaissance, baffin bay - davis strait and foxe basin meteorological report, 14 jul. - 11 nov. 1961	1967
19680090271	Qualification of Units for Use on the Apollo Program: Synchros, Control Resolvers, Special Non Buord 1-30 Volts	1967
19680090272	Study of the latch-up effect of transient radiation on a demodulator chopper integrated circuit	1967
19680090273	Evaluation of rotating electrical counter final report	1967
19680090275	Evaluation test report for voltmeter	1967
19680090276	Evaluation test report for ceramic capacitor	1967
19680090278	Block II, Group I Report of Development Tests to Establish Cleaning and Drying Procedures for Glycol Pumping Unit	1967
19680090279	Psi-4790-60, 3 nut plate yield and ultimate load capability, reliability evaluation test	1967
19680090280	Qualification Test Report: Second Mission Simulation Block 2 Hydrogen Tank Assembly	1967
19680090281	Capacitor per buweps dwg.2577240 and specification mil-c-27287 qualification report	1967
19680090282	Evaluation test report for transformer	1967
19680090283	Evaluation test report for filters	1967
19680090284	Zener reference diode evaluation test report	1967
19680090287	Mathematical considerations of operational readiness	1967
19680090288	Engineering evaluation testing rf coils nytronics rfc-s series	1967
19680090289	Altitude testing of deutsch re series connectors for sanders project	1967
19680090292	Endurance test of dry reed relay, wheelock 3002-1d1-ab	1967
19680090295	Design report on automatic fluid transfer system for titan 3/m hydraulic subsystem	1967
19680090300	Glycol Soak, Fatigue and Fire Propagation on Cable Assembly	1967
19680090301	Component Parts Evaluation Report on Microelectronic Circuit, Pulse Shaper, Hybrid, Active Substrate	1967
19680090302	Final Test Report for Integrated Circuit Operational Amplifier	1967
19680090307	Midcourse guidance optimization	1967
19680090309	A survey of high-density microcircuit packaging techniques	1967
19680090310	Semiconductor, transistor, field effect, p channel, enhancement mode, general instrument, component evaluation	1967
19680090312	Pershing evaluation test report for filter technitrol incorporated, part no. f 403, army drawing no. 11040553-3	1967
19680090315	Weapon system 133a-m. mark i penetration aids flight proof detailed test plan rocket motor, retro, part numbers 6655009-1, 6655020-1, specification numbers s133-1009-72, s133-1009-73	1967
19680090316	Aps helium pressure regulator, scn 1b54601- 505, formal qualification test	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090318	Infrared interferometer spectrometer /iris b/ instrument technical report, 15 mar. - 15 sep. 1967	1967
19680090327	Fm modulation of a cw laser beam	1967
19680090328	Ten-watt argon ion laser final report, 30 nov. 1966 - 29 nov. 1967	1967
19680090329	Nonpersonal scientific and engineering services in support of the spacecraft technology division quarterly performance evaluation report no. 9, sep. - nov. 1967	1967
19680090330	Determination of guidelines for finite element structural analysis quarterly progress report, 1 sep. - 30 nov. 1967	1967
19680090336	Evaluation tests on capacitors, electrolytic, aluminum	1967
19680090337	Study of laser deposited thin films quarterly report, 5 aug. - 4 nov. 1967	1967
19680090338	Disconnect Coupling-pneumatic Riseoff, Bottle Supply Ground to Missile: Acceptance and Reverification Test No. 27 A5707.4 Test Procedures and Test Report	1967
19680090340	Lem parts qualification program final test report	1967
19680090342	C-141a. fatigue tests of proposed retrofit configurations for the f. s. 1408 stringer splice	1967
19680090355	Method of determining oxygen consumption in saliva	1967
19680090361	Lem parts qualification program final test report	1967
19680090363	Apollo 5 204/lm-1 lm descent propulsion subsystem preflight analysis	1967
19680090368	Gold strike solution, specification for	1967
19680090369	Analysis of extent and effect glass terminal bead inadequacies	1967
19680090371	Acceptance test report on fixed capacitors	1967
19680090372	Disconnect coupling - pneumatic staging controls bottle supply missileborne	1967
19680090377	Torque verification for flared steel tubing with wiggins connectors test report	1967
19680090378	Subcarrier oscillator - voltage controller	1967
19680090379	Restrictor, fluid flow	1967
19680090380	Qualification of delron 465h-1032-10 inserts for use on honeycomb bonded sandwich	1967
19680090381	Reactor filter	1967
19680090382	Disconnect Coupling Pneumatic, Helium Purge: Design Proof Test Nc. 55A5601 Test Procedure and Test Report	1967
19680090411	Homing optical guidance system development program /u/ final report	1967
19680090414	High energy propellant ingredient research and development /u/ final technical report, 1 jan. - 31 dec. 1966	1967
19680090416	Investigation and compilation of the thermodynamic properties of rocket exhaust products /u/ final report, 1 jan. - 31 dec. 1966	1967
19680090427	Research and Development Economics	1967
19680090464	Investigation of improved prefiltering system for point-sampling alarms /u/ quarterly progress report, 29 jun. - 29 sep. 1966	1967
19680090465	Investigation of noise and attenuation characteristics of high-performance solid propellants /u/ quarterly progress report, 1 oct. - 31 dec. 1966	1967
19680090468	Investigation of methods for transpiration cooling liquid rocket chambers /u/ quarterly progress report, 9 sep. - 9 dec. 1967	1967
19680090480	Minuteman flight test report. ftm 1151 "glowing bright 48" /26 september 1967/. lgm-30b follow-on operational test launch no. 50, wing 3, ws-133a /u/	1967
19680090497	Pin diodes, motorola part no. 48-21431g01	1967
19680090498	Cold helium check valve, 3/4 inch.	1967
19680090500	Evaluation of impact-o-graph and impact register	1967
19680090509	Introduction to 2nd generation night vision techniques, visible and near infrared sources	1967
19680090522	Project nimbus final report, 21 jul. - 15 oct. 1967	1967
19680090525	Microorganisms in soil samples from the valley of 10,000 smokes, alaska progress report, 15 sep. - 15 oct. 1967	1967
19680090526	The design and build of a gas bearing gyroscope possessing high "g" and sterilization capability and utilizing a low power gas bearing spinmotor and high frequency pump quarterly progress report, 1 oct. - 31 dec. 1967	1967
19680090529	Index of surveyor scientific publications and presentations	1967
19680090530	Evaluation of units for possible usage	1967
19680090534	Blower, Variable Speed	1967
19680090535	Evaluation of read-out indicator	1967
19680090536	Report of test on 09-00225-000 reactor-choke	1967
19680090539	Evaluation of tantalum capacitors	1967
19680090541	Regulator-pressure, fuel tank, missile-borne test report	1967
19680090544	Qualification report for crystal unit, quartz, per specification ws 4447 and buweps dwg 2456794	1967
19680090546	Regulator-pressure, fuel tank, missile-borne test report	1967
19680090547	Uniaxial tensile test of extruded high molecular weight teflon fep	1967
19680090548	Capacitors, component research 1pl505f and 1pl106f	1967
19680090551	System safety operations standard manual	1967
19680090554	Swivel joint, flange mounted, 3/4 inch, 4800 psi test report	1967
19680090555	Hose assembly-sustainer, oxidizer start, 3/4 inch	1967
19680090556	Regulator-pressure, fuel tank, missile-borne test report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090557	Diode-certified voltage reference	1967
19680090559	Characteristics studies of delta and variable sweep configurations applicable to the supersonic transport program final report	1967
19680090560	Bibliography of published articles	1967
19680090561	Corrosion evaluation of titanium and high strength fasteners in aluminum and titanium	1967
19680090563	Maintenance, reliability, and life cycle cost	1967
19680090572	Report of test on capacitors, balco pkm-7, evaluation	1967
19680090573	Qualification, disconnect assembly, gaseous hydrogen vent line	1967
19680090576	Reactor materials summary technical report, 1 oct. - 31 dec. 1966	1967
19680090579	Oak ridge national laboratory status and progress report, december 1966	1967
19680090587	Training and training equipment program	1967
19680090589	Portable calorimeter station	1967
19680090592	Polarizability of molecular hydrogen	1967
19680090596	Subcellular localization of pituitary enzymes progress report, 1 sep. 1966 - 31 aug. 1967	1967
19680090597	Computer simulator analysis of a numerically controlled d.c. motor fame machining center	1967
19680090607	Ground based television support for particle acceleration flights quarterly report, 15 sep. - 14 dec. 1967	1967
19680090610	Modern control theory course	1967
19680090613	Vibration study for braun/esso chemie n. j. dm number 380, part 1 - torsional	1967
19680090614	A program of astronomical infrared spectroscopy from aircraft	1967
19680090615	Solar comparison spectra, 1.0-2.5 mu, from altitudes 1.5-12.5 km	1967
19680090628	High-altitude spectra from nasa cv 990 jet 1 - venus, 1-2.5 microns, resolution 20 cm minus 1	1967
19680090629	Photolyses of trienes. 2. selective photoreactions of 2,7,7- trimethylcycloheptatriene	1967
19680090630	Oak Ridge National Laboratory Status and Progress Report, January 1967	1967
19680090645	Investigation in chemical rocket propulsion semiannual report, 31 dec. 1966, 30 jun. 1967	1967
19680090657	Finishing systems for magnesium-lithium alloy la141	1967
19680090663	Repackaging damage "sorry about that"	1967
19680090664	Dc pin-to-pin testing of integrated circuits	1967
19680090665	Ammonium hydroxide - specifications for	1967
19680090692	Transducer, temperature resistance cryogenic	1967
19680090706	A cylindrical barium fluoride film electric hygrometer element for aircraft cloud physics studies	1967
19680090709	Regulator- helium, pressure, missileborne	1967
19680090715	Evaluation test report for voltmeter	1967
19680090716	Recovery of space fragments semiannual progress report, 1 jun. - 30 nov. 1967	1967
19680090720	Regulator-helium, pressure, missileborne	1967
19680090721	Research in electrohydrodynamics and traveling wave electromechanical energy conversion quarterly report, 1 feb. - 30 apr. 1968	1967
19680090724	Minature electrical connector assemblies specimen no. 7	1967
19680090732	Report on test signal conditioner /sc/	1967
19680090733	Saturn 2 electrical umbilical connectors	1967
19680090734	Study of heavy equipment aerial delivery and retrieval techniques	1967
19680090761	Rvto program failure summary report, issue 3	1967
19680090763	Tt program failure summary report, issue 9	1967
19680090769	Qualitative aspects of resonances in electron-atom and electron-molecule scattering, excitation, and reactions	1967
19680090771	Saturn 2 electrical umbilical connectors reliability test report	1967
19680090778	Qualification Testing of Sealed Terminal Strips Test Report	1967
19680090781	Behavioral regulation of gaseous environments progress report for six-months ending 30 sep. 1967	1967
19680090785	Battery pack-main missile power, primary type, missileborne	1967
19680090787	Some experiments with and without connection between the upper and lower plenum chambers of a slotted tunnel with an open area ratio of 16 percent	1967
19680090790	System safety-accident/incident summary	1967
19680090791	Fuel depletion liquid level sensing system	1967
19680090811	Weapon system 133b - program progress research and development stage 1 minuteman contract status report, 1 oct. - 31 dec. 1967	1967
19680090837	A climatic relief form - the sebkha une - forme de relief climatique - les sebkhas	1967
19680090839	Investigation of nitric acid solution for removal of steel shot peen residues from aluminum alloys	1967
19680090847	Development of improved cutting tool materials	1967
19680090849	Organic rankine cycle, power conversion systems	1967
19680090850	Organic rankine cycle, power generating systems	1967
19680090862	Thin film active devices semiannual report for period ending 30 dec. 1967	1967
19680090863	Development of fused slurry silicide coatings for the elevated-temperature oxidation protection of columbium and tantalum alloys progress report, 1 jan. - 31 mar. 1967	1967
19680090864	Five decades of materials progress, 1917-1967	1967
19680090872	Theoretical research - electronic, ionic, and impact phenomena quarterly progress report, 16 dec. 1967 - 15 mar. 1968	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090874	Explosive accident/incident information report systems briefing	1967
19680090887	Proceedings department of defense in-house value engineering conference - volume 1 - the role of value engineering in support of defense management objectives	1967
19680090892	Cost analysis for the development of cost estimating relationships for determining investment costs for surface effect ships	1967
19680090893	Proceedings of the dod in-house value engineering conference, 12-14 september 1967, volume 2	1967
19680090894	Technological forecasting and the planning of research and development	1967
19680090903	Apollo Oxygen Restrictor Assembly /block II/, Assembly No. V36-613502-21, Serial No. 06362-aag-0447	1967
19680090906	Relevance of documents to search questions in an information retrieval system	1967
19680090910	Plane couette flow according to the kinetic theory of gases interim report	1967
19680090919	Saturn 2 electrical umbilical connectors reliability test report	1967
19680090925	Summary of electronic part testing - 1966	1967
19680090938	Temporal limitations in human motor control	1967
19680090942	Polycarbonate film	1967
19680090957	Development of beryllium honeycomb sandwich composite for structural and other related applications quarterly progress report, 1 oct. - 31 dec. 1967	1967
19680090962	A study of adaptive multimode systems quarterly technical report, 1 jun. - 31 aug. 1967	1967
19680090964	Technical professionals in complex research organizations - a structure process perspective, part 1	1967
19680090966	Plane strain and plane stress problems for use in checking results of three dimensional modelling interim technical report	1967
19680090968	Study the effect of environment on planet growth and development	1967
19680090969	Dynamic analysis of flexible space systems - ats f/g analysis	1967
19680090971	Weapon system 133b, mark 1 penetration system. category 2 launch facility - detailed test plan	1967
19680090973	Transient thermal stresses in composite cylinders ge-625 program md0070	1967
19680090976	Report of the 13th annual u. s. army human factors research and development conference	1967
19680090982	Research study for determination of liquid surface profile in a cryogenic tank during gas injection quarterly report, 18 sep. - 18 dec. 1967	1967
19680090983	Vibration effects on heat transfer in cryogenic systems quarterly progress report, 1 oct. - 31 dec. 1967	1967
19680090991	An eddy diffusion model for predicting rapid wake ionization decay behind hypersonic cones	1967
19680091003	Research and development program on tunnel diode applications above 20 kmc	1967
19680091004	Geos-a short arc orbital data reduction and analysis quarterly progress report, 20 jun. - 20 sep. 1967	1967
19680091024	Project apollo quarterly report, 1 apr. - 1 jul. 1967	1967
19680091027	Nonpersonal Scientific and Engineering Services in Support of the Spacecraft Technology Division Quarterly Performance Evaluation Report, Jun. - Aug. 1967	1967
19680091038	Nasa employee medical records and their use for epidemiologic surveillance progress report for period ending 27 nov. 1967	1967
19680091040	A direct nonlinear theory of elastic membranes	1967
19680091053	A general study of boiling in a swirling flow interim progress report, jul. - dec. 1967	1967
19680091054	Program of positron studies final report, 21 nov. 1966 - 20 nov. 1967	1967
19680091078	Development of secondary cadmium-oxygen cells for spacecraft applications quarterly report, 1 oct. - 30 dec. 1967	1967
19680091084	Rice university suprathreshold ion detector aboard the ats-1 spacecraft quarterly report, 6 jul. - 6 oct. 1967	1967
19680091097	Impedance characteristics of conical shells under lateral excitations quarterly progress report, 28 may - 27 aug. 1967	1967
19680091098	The investigation of the utility of mean square approximate systems in system response prediction quarterly report	1967
19680091100	Design, development and fabrication of a biochemical field instrument quarterly report, 26 jun. - 26 sep. 1967	1967
19680091102	Ats-1 magnetometer project progress report, 6 dec. 1966 - 5 jun. 1967	1967
19680091106	Procurement for triggered gap switches	1967
19680091107	Bipropellant fueled turboalternator electric power system	1967
19680091119	Calculation of self inductance and radial force of air core cylindrical coils	1967
19680091120	Continuous sampling pan for tf 39 production engine	1967
19680091121	Streamlined approach to life and reliability modeling for critical engine failure modes	1967
19680091130	Compressed dehydrated food of low volume and high calorie density interim report, 28 dec. 1967	1967
19680091134	Propellant expulsion bladder for the saturn v/s-ivb quarterly report, 1 oct. - 31 dec. 1967	1967
19680091137	A stiffness model for a three dimensional elastic element interim technical report	1967
19680091141	Apollo flow proportioning subsystem. volume 1 - report of test. volume 2 - qualification test data. volume 3 - qualification test procedure	1967
19680091149	Autoflow support contract quarterly report, 1 jul. - 30 sep. 1967	1967
19680091158	Non-anthropomorphic mobility device and space suit design study	1967
19680091171	Flight experiment simulation and data analysis for re-entry f thermal sensor. part 2 - the iterative data analysis method and comparative evaluation of fire and iterative	1967
19680091183	Secondary zinc-oxygen cell for spacecraft applications quarterly report, 23 mar. - 23 jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091204	Investigation of liquid propellants in high pressure and high temperature environments semiannual progress report, 1 may - 31 dec. 1967	1967
19680091208	Reliability design guide for general electric silicon controlled rectifier, type 4jc181	1967
19680091226	The physical and chemical properties of human sweat and factors affecting the water balance in confined spaces semiannual report, 1 jul. - 31 dec. 1967	1967
19680091235	Techniques for airborne radome design	1967
19680091239	Ac-tol, ac worst case tolerance analysis by computer	1967
19680091244	Detection of water in jet fuel and residual fuel. item 2 - prototype instrumentation progress report, aug. 21, 1967 - apr. 16, 1968	1967
19680091322	Development of 25mm microchannel inverter tube /u/ interim technical report for period ending 31 mar. 1967	1967
19680091372	Flight test evaluation report for flight test missile 2036 /u/	1967
19680091381	Development of mild detonating fuze /mdf/ and associated components for use in emergency escape systems	1967
19680091389	Imbedded moire grid	1967
19680091390	An experiment on creep at varying temperature	1967
19680091392	Contract quarterly performance report, seventh quarter, june, july, and august 1967	1967
19680091393	Additions to the azomethine groups	1967
19680091405	A numerical computation of a confined vortex	1967
19680091423	Department of the army letter on management practices	1967
19680091440	Recognition and acquisition of noise signals in a noisy environment	1967
19680091451	Flight system familiarization manual	1967
19680091489	Supporting studies on qdri project plan. 2 - conversion procedures for automation, appendices a-l	1967
19680091492	Letter on management practices	1967
19680091497	Evaluation test report, transistor, silicon, npn, power	1967
19680091502	Component parts evaluation report	1967
19680091503	Resistor, fixed, wirewound	1967
19680091504	Qualification report of semiconductor, transistor per specification ws 4471b and buwep dwg 2576941-1	1967
19680091505	Qualification of dual nor, nand gates for hawk ground equipment	1967
19680091506	Valve-relief, liquid oxygen, tank pressure	1967
19680091507	An investigation of thermoelectric cooling	1967
19680091512	Integrated circuit-logic gate-quad-2 input	1967
19680091513	Solenoid, electrical -- push	1967
19680091515	Quartz crystal units - crystal, frequency control, quartz evaluation test report	1967
19680091549	Capacitor, fixed, electrolytic, tantalum	1967
19680091570	An evaluation of a jet electronics solvent purity meter	1967
19680091572	Component parts evaluation report	1967
19680091573	Thermodynamics flight test instrumentation for the model xb-70a air vehicle no. 1	1967
19680091579	Analysis of scattering by an infinite grid of parallel wires embedded in a dielectric panel	1967
19680091581	Sprague transistor 2n495 test report	1967
19680091582	Survey of lightning characteristics	1967
19680091595	F-4j airplane demonstration planning and progress report	1967
19680091598	Acceptance reverification test on disconnect- staging, pneumatic, tank sensing missileborne	1967
19680091599	Qualification test of 2n2368 transistor for use in the icuar radar	1967
19680091620	Vehicle electronic design engineering manual, relay section	1967
19680091621	Pershing evaluation test report for device, semiconductor	1967
19680091622	Qualification testing of a transistor for the icwar radar program	1967
19680091623	Report of test on 08-00627-000 transformer	1967
19680091625	Electro-discharge machining of dies, honeycomb, and refractory materials	1967
19680091627	Circuit breaker calibration drift test	1967
19680091628	An analysis of a capacitor discharge technique for determining the rise time of temperature sensors	1967
19680091630	Regulator - helium pressure, liquid oxygen tank	1967
19680091631	Regulator - helium, pressure, missileborne	1967
19680091637	Characteristic studies of delta and variable-sweep configurations applicable to the supersonic transport program, tast 1 /u/ final technical report	1967
19680091643	Integrated circuit, jk flip flop	1967
19680091644	Dual 4 input power gate	1967
19680091645	Integrated circuit, differential comparator	1967
19680091646	Instrumentation equipment final specification	1967
19680091647	Rotary switches	1967
19680091648	Materials and process check lists	1967
19680091649	Attenuator, fixed, coaxial qualification test report	1967
19680091650	Component parts evaluation report on microelectronic circuit, amplifier diffused element, active substrate	1967
19680091651	Pershing evaluation test report for device, semiconductor, semtech corporation	1967
19680091652	Pershing evaluation test report for transformer, electronic transformer corp.	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091653	C-5 program titanium and titanium alloys	1967
19680091655	Qualification tests on miniature toroidal inductor	1967
19680091656	Evaluation of monolithic dual transistors, d4000402-1, type 2n4044	1967
19680091657	Semiconductor device, monolithic dual transistor npn, silicon, planar	1967
19680091659	Valve - relief, fuel tank pressure	1967
19680091660	Qualification testing of hysteresis synchronous motors	1967
19680091661	Detonator Cartridge Assembly	1967
19680091662	Switch - coaxial	1967
19680091663	N204 in-line 10 micron filter qualification test dac scn 1b-58880-1 "c"	1967
19680091664	Burst disc relief valve	1967
19680091665	Capacitor, metalized mylar	1967
19680091667	Final design proof test report for regulator, pressure, oxygen	1967
19680091668	Transformer, variable power transformer, variable rheostat ganged qualification test report	1967
19680091669	Filter, fuel feed line, dac scn 1b59008-501, qualification test	1967
19680091673	Failure analysis of semiconductors from ssb/n/ 610 and ssb/n/ 611 surveillance program	1967
19680091674	Qualification test of 2n2368 transistor for use in the icwar radar final report	1967
19680091677	Potentiometer evaluation on variable resistor, composition multiturn, linear, 1 watt	1967
19680091678	Potentiometer evaluation on variable resistor, composition single turn linear, 3 watts	1967
19680091679	Brazing beryllium by capillary flow interim technical documentary progress report, 1 jul. - 30 sep. 1967	1967
19680091680	Power overcurrent relay on switches, electrical-magnetic, knife, spst.	1967
19680091683	Integrated circuit, linear, rf-if amplifier	1967
19680091687	Semiconductor device, diode - rectifier, fast recovery	1967
19680091690	Formal qualification test of the fuel tank relief valve	1967
19680091691	Failure analysis of semiconductors from polaris system /as of 1 july 1967/ quarterly report	1967
19680091692	Size 5 speed decreaser	1967
19680091693	Pershing evaluation test report for transistor type mht 5301	1967
19680091694	Subpopulation identification using the bayesian approach technique development report	1967
19680091699	Feasibility analysis of over the horizon radar systems	1967
19680091700	Size 8 synchro transmitter	1967
19680091705	Computerizing the problem	1967
19680091706	Potentiometer trimmer	1967
19680091707	Capacitor, fixed, plastic dielectric	1967
19680091708	Semiconductors, diodes, rectifier, silicon	1967
19680091710	Processing conditions and their effects on the dimensional behavior of precision moldings. 2 - glass-filled delrin	1967
19680091711	Strength of mechanically fastened lap-joints having high ratios of fastener diameter to sheet thickness	1967
19680091717	Exploratory testing of relays type s4lh-6-24a	1967
19680091718	Qualification Testing of Pressure Switches, Consolidated Controls Corp., P/N R212c07-25	1967
19680091719	Report of test on resistors, qualification testing	1967
19680091727	Resistor - fixed, wirewound, molded, 1/8 watt	1967
19680091729	Qualification test of 2n3495 transistor final report	1967
19680091730	Qualification testing of microelectronic j-k flip-flop final report	1967
19680091731	Regulator - pressure, fuel tank, missileborne	1967
19680091732	Qualification testing of capacitor, metalized, paper difilm	1967
19680091733	An/aps-80a antenna system bench test	1967
19680091734	Report of test on electronic controls inc., push button switch	1967
19680091735	Amplifier - high-performance operational microelectronic functional device	1967
19680091740	Transistor, Saturable Core, Seal, High Reliability Final Test Report	1967
19680091741	Coil, rf, variable final test report	1967
19680091743	Millimeter wave propagation experiment for the applications technology satellite /ats-e/ monthly progress report, 16 aug. - 16 sep. 1967	1967
19680091744	First article inspection test report I537 000 004 logic driver engineering evaluation test report	1967
19680091752	Qualification of 50 TRW Type MOT-205, Fixed, Mylar, Wrap and Fill Capacitors to Motorola IRS 08-26628E	1967
19680091754	Material qualification for 6al-4v titanium, heat number g-3416	1967
19680091755	Report of design verification flow test on two one-inch hydrogen disconnectors part me144-0011-0013	1967
19680091756	Shutoff Valve, Cold Helium, G.S.E., Qualification Tests Dac Scn 1A66600-525	1967
19680091757	Helium Fill Disconnect Assemblies	1967
19680091759	Ilt cannon kpt - interfacial seal type hermetic jam nut and flange mounting connector	1967
19680091762	Semiconductor, transistor, general purpose, silicon npn	1967
19680091763	Evaluation test of 12 sprague type 600d aluminum electrolytic capacitors	1967
19680091765	Evaluation test of solitron 2n4150 and 2n4150-1 silicon transistors	1967
19680091766	Evaluation of dearborn capacitors, fixed, type lp8a1b505f	1967
19680091767	Vent port check valve, qualification test dac scn 1b67481-1	1967
19680091770	Evaluation of holding coil toggle switches	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091771	Evaluation of pressure switch 10194795	1967
19680091773	Composite materials for turbine compressors interim progress report, 1 jun. - 31 aug. 1967	1967
19680091774	Timers, event sequence time recorder, electrical /synchronous/, digital	1967
19680091776	Reliability verification test of hydraulic accumulator reservoir assembly dac scn 1b29319-519	1967
19680091778	Report of test on 11-00348-002 capacitor	1967
19680091779	Varactor diode	1967
19680091780	Composite materials for turbine compressors interim engineering progress report, 1 dec. 1966 - 28 feb. 1967	1967
19680091782	Part screening methodology on space program	1967
19680091784	Structural and mechanical effects of interstitial sinks	1967
19680091787	Approximate calculations of the incompressible laminar boundary layer	1967
19680091789	Composite materials for turbine compressors interim engineering progress report, 1 mar. - 31 may 1967	1967
19680091790	Capacitor, fixed, glass molded, lead mount- mil-c-11272b, mil-std-202b	1967
19680091792	Development of special application low-power transistor logic development report	1967
19680091793	Transformer, power, step-down qualification test report	1967
19680091794	Evaluative test of 78 allen-bradley discoidal ceramic capacitors	1967
19680091795	Processing conditions and their effects on the dimensional behavior of precision moldings. 3 - celcon parts	1967
19680091796	Relay, non latching, sensitive 2a	1967
19680091797	Qualification Test on Pressure Vessel, Helium	1967
19680091798	Amplifier, sense integrated circuit	1967
19680091800	Platform electronics package omega position location equipment /ople/ quarterly report, 1 jul. - 30 sep. 1967	1967
19680091801	Relay armature latching, low level to 0.5 ampere, dpdt	1967
19680091804	Pressure Vessel Helium	1967
19680091809	Fungus tests of materials qualification test report	1967
19680091810	Transducer, pressure-absolute, high-level dc output	1967
19680091811	Report of test on capacitors, american components, type c-06 evaluation	1967
19680091812	Hose assembly	1967
19680091813	Alternate source qualification test for jan 1n755a	1967
19680091814	Valve assembly-disconnect, oxidizer, missileborne	1967
19680091815	Valve-relief and shutoff, fuel tank vent	1967
19680091818	Transient motion of a rigid cylinder produced by an elastic wave	1967
19680091820	Explosive destructor	1967
19680091822	Fungus tests of materials per mil-std-810 rev. b	1967
19680091824	Manufacturer qualification per company spec and mil-c-5809c on circuit protective device, circuit breaker	1967
19680091825	Nickel electro-forming techniques	1967
19680091828	Hose assembly	1967
19680091829	Valve assembly-disconnect, oxidizer, missileborne	1967
19680091830	Ground liquid-oxygen fill-and-drain valve	1967
19680091831	Component acceptance test report semiconductor device set	1967
19680091832	R. f. interonics rf 2605 radio frequency interference filter	1967
19680091833	Pressure gage	1967
19680091834	Athena program bibliography of research and development reports	1967
19680091835	Test engineering report, june 20 - october 26, 1966	1967
19680091839	Report of test on connectors, plug and receptacle	1967
19680091840	Evaluation tests 709 high performance linear amplifier prepared for lmsc program 110 in response to jpa 896-0378 af-04/695/-894 final report	1967
19680091841	Evaluation of power resistor in space environment	1967
19680091842	Acceptance test specification for the type dmg109d1 electro-hydraulic servo actuator	1967
19680091843	Test report on tnc crimp type coaxial rf connectors	1967
19680091844	Lot acceptance data - 100 percent processing sample acceptance testing	1967
19680091845	Filter, lc bandpass	1967
19680091846	Starter coil	1967
19680091847	Pressure regulator	1967
19680091848	Regulator-helium pressure, missileborne	1967
19680091849	Valve relief, liquid oxygen tank pressure	1967
19680091850	Electro-mechanism h film printed circuit cables	1967
19680091851	Structural test report, second stage shroud	1967
19680091852	Evaluation of capacitor, fixed plastic dielectric manufactured by capco, division of the nova corporation navigation and control part number 95111	1967
19680091853	Induction heating titanium 6al-4v sections for draw bench forming	1967
19680091858	Thermistors and their stability	1967
19680091859	Submersible vehicles and underwater manipulators	1967
19680091862	Shutoff valve, cold helium, gse, qualification tests dac scn 1a66600-525	1967
19680091863	Reliability test report for a helium injection check valve	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091864	Transistor, npn, silicon, high power final test report	1967
19680091865	Qualification report for resistor for specification ws 4448 and buweps drawing 2457963	1967
19680091867	Qualification test on relay part no. sc-c-36119 for use on rt-77///grc-9	1967
19680091868	Transistor, power, silicon npn evaluation test report	1967
19680091870	Fungus tests of materials qualification test report	1967
19680091871	Semiconductor diode, fast switching, silicon final test report	1967
19680091873	Requirements document - hydraulic valve, fuel pressure operated	1967
19680091874	Environmental evaluation of r. f. interonics rf-2484 filter	1967
19680091875	Report on 08-00630-000 transformer, audio frequency, power	1967
19680091878	Synchros, transolvers, special non buord, 1-30 volts, 800 cycles	1967
19680091880	Axel electronics a-10-b-455 radio frequency interference filter, ibm p/n 6083906	1967
19680091881	An investigation of the gold-aluminum intermetallics problem in transistors	1967
19680091883	Equivalent linear representations of nonlinear electronic elements	1967
19680091884	Vibration evaluation of controllers airesearch part no. 820956-3-1	1967
19680091885	Valve assembly. disconnect oxidizer, missileborne	1967
19680091886	Temperature transducer	1967
19680091887	Hose assembly	1967
19680091890	Encoder, incremental, vibration test	1967
19680091891	Reliability evaluation report of test on semiconductors, diodes, rectifiers, silicon g.e. in5060 and g.e. in5061	1967
19680091893	Fabrication of low cost tooling for agm circuit gard fabrication	1967
19680091894	Filament winding mandrels - fabrication and design criteria	1967
19680091895	First article inspection test report on l537-000-001 logic gate	1967
19680091896	Transistor - power, npn	1967
19680091898	Silicon zener diode requalification	1967
19680091900	Terminals /stud/ eyelets, contacts, solderable electrical, vendor packaging	1967
19680091901	Lot acceptance data - 100 percent processing, group a acceptance, group b qualification testing	1967
19680091902	Electrical counter s/n 466-mfg. by durant	1967
19680091903	Rf connector evaluation test report	1967
19680091907	Evaluation test of 6 utc a.f. transformers, motorola no. 24-28345f /buord drawing no. 1567641/	1967
19680091908	Microelectronic functional device, amplifier - wideband d-c	1967
19680091909	Relay, 1-5 ampere contacts, hermetically sealed, 1-30 vdc, dpdt 38af series	1967
19680091910	Motor, miniature, permanet, 1-30 volts, dc	1967
19680091911	Computer program for the wear life of teflon fabric lined bearings under variable load operating conditions	1967
19680091915	Qualification report for a plunger actuated switch per general dynamics drawing 423-800044	1967
19680091916	OAQ project quarterly report, 16 jun. - 16 sep. 1967	1967
19680091917	Qualification report for lanyard operated release mechanism per general dynamics dwg-423-80087	1967
19680091918	Insertion loss - feed thru filters /a-b/erie/gulton/	1967
19680091919	Relay, non-latching, 2a sensitive	1967
19680091920	Switches, electrical, manual, push button, minature, life test /alco msp 205n/	1967
19680091921	Transistor, npn, silicon, fairchild	1967
19680091922	Relay, sealed, dwg. no. 2365339	1967
19680091923	Qualification test on relay part no. sc-c-36221 for use on rt-77///grc-9	1967
19680091924	Relay, sealed, dwg. no. 2437052	1967
19680091926	Inert destructor	1967
19680091927	Evaluation test on printed wiring harness, itt cannon part no. t541010516	1967
19680091928	Optical range-gated filtering for mti radar	1967
19680091929	Transistor, unijunction, pn	1967
19680091930	Microelectronic functional device - high-speed differential voltage comparator qualification test report	1967
19680091932	Formal qualification test of line item fq-l-66 aps helium pressure regulator dac son 1b54601-505	1967
19680091934	Outgassing of wax impregnated ceramic dielectric disc capacitors	1967
19680091935	Relay, 5 amp, hermetically sealed, 28 vdc coil, power, multiple pole contacts	1967
19680091936	Bushing assembly	1967
19680091937	Evaluation of dickson 1n4080a and 1n4085a zener diodes	1967
19680091940	Final design proof test report for valve, shutoff, toggle operated	1967
19680091942	Variable resistor	1967
19680091944	Component parts evaluation report	1967
19680091945	Power supplies, electrical, nonrotating, 10-100 watts, dc, 30-109 volts	1967
19680091946	Engineering evaluation on motor tachometer generator, ordnance part no. 8643885 rev. a	1967
19680091948	Report of test on 08-00628-000 transformer	1967
19680091950	Cold helim dump module, formal qualification test, dac-sc-1b57781-501	1967
19680091951	Qualification test for high frequency dc-dc pressure transducer p/n 1a88035-505	1967
19680091958	Service module reaction control system-engine r-4d engine with sediment strainers	1967
19680091959	Qualification testing of bourns, model 3280, trimpot	1967
19680091960	Oxidizer tank relief valve dac son 1a49590-515	1967
19680091961	Fungus test of materials	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091962	Report of test on wire wound power resistors	1967
19680091964	C-5a cargo floor 1 section test	1967
19680091965	Pershing evaluation test report for transistor type fd1152	1967
19680091966	Size 12 rotary solenoid	1967
19680091968	Integrated circuit, digital - clocked flip-flop	1967
19680091969	Size 8 synchro transmitter	1967
19680091971	Forces generated in a seal gland due to o-ring swell caused by fluid absorption	1967
19680091972	Semiconductor, transistor, fast-switching, silicon npn	1967
19680091973	Transistor - silicon pnp, dual emitter, chopper	1967
19680091974	Optimum materials for ducting flexible components final report	1967
19680091975	Formal qualification, oxidizer tank relief valve, dac scn 1a49590-513ag/ah	1967
19680091976	Oxidizer tank vent and relief valve, scn 1a48312-501, formal qualification test	1967
19680091977	Evaluation of dickson in4061a zener diode	1967
19680091978	Flammability of selected pc conformal coatings in air, 6.2 psia o2 and 16.5 psia o2	1967
19680091979	Qualification test for transistor silicon npn	1967
19680091980	Qualification testing of motor gearcase	1967
19680091981	Valve relief, liquid oxygen, tank pressure	1967
19680091982	Fan-vaneaxial	1967
19680091983	Transformer, audio frequency	1967
19680091984	Braze alloys for titanium foil structures	1967
19680091986	Component parts evaluation report on microelectronic circuit, amplifier diffused elements active substrate	1967
19680091987	Qualification tests on transistors	1967
19680091989	Fungus tests of materials per mil-std-810 rev. "b"	1967
19680091990	Gemini b orbital storage test of reentry control system engine propellant valves	1967
19680092016	Qualification testing of general electric capacitors	1967
19680092020	Apollo Logic Diagram Analysis Guideline	1967
19680092034	Program plan for non-oge emp penetration and sac antenna protection /u/	1967
19680092057	Development of a hybrid spot welding system final report	1967
19680092111	Structural design concepts for future space missions progress report, may 1 - oct. 31, 1967	1967
19680092112	Apollo guidance and navigation. guidance system operations plan for manned cm earth orbital mission using program sundisk. section 6 - control data	1967
19680092157	A study of adaptive multimode systems quarterly technical report, 1 mar. - 31 may 1967	1967
19680092158	Intermolecular forces and the theory of fluids semiannual progress report, period ending 31 dec. 1967	1967
19680092235	High resolution infrared radiometer for the nimbus b satellite final report	1967
19680092246	Xy pedestal systems final report, 18 aug. 1966 - 6 oct. 1967	1967
19680092254	Nimbus d temperature-humidity infrared radiometer /thir/ quarterly report, 1 jul. - 30 sep. 1967	1967
19680092262	Hypersonic structures and cooling programs /u/ status report	1967
19680092279	Long life rate measuring package monthly progress report, 1-31 oct. 1967	1967
19680092289	Addendum to correct data under contract nas5-9255	1967
19680092293	Saturn 5 mass characteristics, sa-504	1967
19680092304	Electrical parameter study of the radio astronomy explorer antenna final report	1967
19680092317	Results and analysis of heat leak testing performed on hta 0015	1967
19680092319	Heater, electric, qualification test report	1967
19680092321	Digital filter synthesis final report, 17 dec. 1965 - 20 jan. 1967	1967
19680092322	Microwave research quarterly status report, 1 feb. - 30 apr. 1967	1967
19680092323	Prolonged storage of ornm, nhbvk and bnm cables related to usage experience langdurige bewaarproeven van ornm, nhbvk en bnm-kabels in verband met het gedrag in de praktijk	1967
19680092324	Meteorological observations in Canada monthly record	1967
19680092326	Evaluation of prc 1538 and magna laminar x 500 for use as pc board conformal coating materials	1967
19680092327	Evaluation of 1, 2, 68 and 133 mhz frequency determining quartz crystal units - mccoys electronics company	1967
19680092328	Evaluation of transistor electronics capacitors, types re180-30s3c2g and re100-50s3c2g	1967
19680092329	Allison t-78 engine regenerator final design report, volume 2	1967
19680092331	Development of a fast 10.6 micron infrared detector quarterly report	1967
19680092332	Development of medium delay miniaturized thin film fuses 1/16 through 5a experimental series number x-2098 manufactured by littelfuse, inc.	1967
19680092334	Evaluation test report on "picofuse"	1967
19680092337	Stress corrosion cracking of titanium alloys- scc of titanium, pitting corrosion of titanium, and scc, corrosion fatigue and pitting of aluminum quarterly progress report, 1 oct. - 31 dec. 1967	1967
19680092343	Instrumentation equipment specification thermocouple, fixed-immersion enclosed-junction, chromel-alumel	1967
19680092345	Capacitor requalification	1967
19680092348	Piezoelectric modulators for spherical miro final report, apr. 18, 1966 - oct. 17, 1967	1967
19680092364	Development test data transmittal nonelectrical, cabin-air-breathing components combined contamination, oxidation, and humidity /ccoh/ test	1967
19680092371	Meteorological observations in canada monthly record, sep. 1967	1967
19680092372	Fairchild transistor failure analysis status report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092373	Capacitor requalification	1967
19680092374	Connectors, card edge receptacle	1967
19680092375	Evaluation of 1, 68, and 133 mhz frequency determining quartz crystal units	1967
19680092389	Gamma ray experiment based on spark chambers and nuclear emulsions semiannual report, 1 may - 30 nov. 1967	1967
19680092391	Multipath phase errors in cw-pm tone range measuring system	1967
19680092392	Optimum number of tones in a multiple cw tone ranging system	1967
19680092393	Fortran 4 program for analysis of saturn 5 propellant systems	1967
19680092407	Fluidic servovalve and hydraulic feedback study	1967
19680092457	Surveillance inspection test on semiconductors, transistors, general purpose /less than 1 watt/, silicon, npn	1967
19680092465	Acceptance test report on fixed capacitors	1967
19680092470	Acceptance test report on fixed capacitors	1967
19680092473	Acceptance test report on fixed capacitors	1967
19680092474	Evaluation test report on tanalum wet slug capacitors	1967
19680092475	Acceptance test report on fixed capacitors	1967
19680092477	Acceptance test report on fixed capacitors	1967
19680092478	Qualification test report on fixed capacitors	1967
19680092479	Interstitial sink effects in columbian alloys quarterly progress report, 1 mar. - 31 may 1967	1967
19680092480	Acceptance test report on fixed capacitors	1967
19680092483	Acceptance test report on fixed capacitors	1967
19680092484	Evaluation of sprague capacitor bu weps drawing 2412452	1967
19680092485	Coupling assembly, self-sealing	1967
19680092487	One/f noise and temperature coefficient of the threshold voltage in most's final report, sep. 1965 - sep. 1967	1967
19680092511	Mechanical and physical properties of 75/de/181 polyester laminates	1967
19680092528	Rk8129 improvement program /u/ progress report, 1 mar. - 1 apr. 1967	1967
19680092529	Rk8129 improvement program /u/ progress report, 1 jun. - 1 jul. 1967	1967
19680092530	Rk8129 improvement program /u/ progress report, 1 sep. - 1 oct. 1967	1967
19680092531	Rk8129 improvement program /u/ progress report, 1 oct. - 1 nov. 1967	1967
19680092551	Biosatellite recovery area integration plan flight b	1967
19680092563	Detached appendix for fourth quarterly progress report, 1 october 1966 - 1 january 1967 /u/	1967
19680092564	Image dissection /u/ monthly technical progress report, 1-31 aug. 1967	1967
19680092566	Advanced ramjet concepts program /u/ progress report, 1-30 nov. 1967	1967
19680092603	Research and development on fluorine based oxidizers /u/ annual technical summary report, period ending 30 sep. 1966	1967
19680092604	Research and development on fluorine based oxidizers /u/ quarterly progress report, period ending 31 dec. 1966	1967
19680092607	Rk8129 improvement program report, 1 july - 1 september 1967 /u/	1967
19680092608	Valve assembly - Disconnect oxidizer, missileborne	1967
19680092610	Transformer requalification	1967
19680092614	Evaluation of Kodak linograph direct print type 1843/1855 oscillograph paper	1967
19680092615	Insertion loss /Erie 1270-009/Gulton MF248/	1967
19680092616	Fabrication of precision radomes from woven and sewn fiberglass socks	1967
19680092618	Antelope reliability verification test procedure to verify BuWeps P/N 2360601-1, resistor, fixed, carbon film	1967
19680092619	Reliability verification test SCD 2360639	1967
19680092620	Sunspot number and solar cosmic ray predictions for cycle 20 /1965-1975/ with preliminary estimates for cycle 21	1967
19680092623	NAVSAT measurement analysis	1967
19680092640	Memory protected job computer LCP Final report	1967
19680092641	Switch - Coaxial	1967
19680092642	2N3861 evaluation on semiconductor, transistor, power, silicon n-p-n	1967
19680092649	1750 MHz telemetry/sensor results from HARP firings at Barbados and Wallops Island, 1965	1967
19680092651	Production engineering measure for mechanization of high-reliability capacitors Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19680092656	AROD system test model. Synthesizer improvement program Final report	1967
19680092663	Apollo electroluminescent panels	1967
19680092668	Regulator - Pressure, Fuel Tank, Missileborne	1967
19680092669	Film resistor encapsulation test IRC RG 1/4	1967
19680092670	Qualification test report on diodes, semiconductors, zener, silicon	1967
19680092671	Procedure codes in the TA-2 translator	1967
19680092673	Three phase to quadrature conversion	1967
19680092677	Reliability verification test procedure to verify BuWeps part number 2360617-1 diode, general purpose	1967
19680092678	Report of test on 09-00239-000 reactor Qualification test report	1967
19680092679	Report of test on 09-00239-000 reactor	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092681	Antelope - Reliability verification test procedure to verify BuWeps part number 2360645-1, resistor, fixed carbon film	1967
19680092685	C-3 engineering evaluation test procedure for transistor, n-p-n, silicon, planar, power	1967
19680092686	Crystal unit, quartz Qualification test report	1967
19680092687	Integrated circuit - Clocked flip-flop	1967
19680092691	Reliability verification test procedure for BuWeps part no. 2360629-1, transformer, signal	1967
19680092692	C-3 engineering evaluation test procedure for Mallory TPG5OT5OEO, capacitor, aluminum, electrolytic	1967
19680092694	Tension and bending strength of HPB beryllium containing tapped holes Test engineering technical report	1967
19680092695	Transistor, p-n-p, silicon, switching Reliability report	1967
19680092696	Integrated circuit, diode array	1967
19680092698	Capacitor, ceramic feedthrough	1967
19680092703	Development of the type SY-116 photochromic goggle system for nuclear flash protection, volume 2 Final report	1967
19680092705	Evaluation of thermal washers, mica and Therma-Film	1967
19680092710	Evaluation of thermometer, self-indicating, bimetallic Final report	1967
19680092713	Ten thousand hour test of Dennis 1162 and Dennis 1169 epoxy coatings in high humidity with polarization voltages applied	1967
19680092714	Evaluation of Continental device 1N914 diodes	1967
19680092715	Qualification testing of a field effect transistor for the ICWAR radar	1967
19680092717	Qualification report for quartz, crystal, unit	1967
19680092720	Quartz crystal units	1967
19680092721	Semiconductors, diode, general purpose - 100 percent screening test on lot no. 6725	1967
19680092723	Engineering evaluation test on BuWeps P/N 2760028 terminal junction retest of 10 parts that previously failed shock environment	1967
19680092724	Vehicle electronic design engineering, manual, connector section	1967
19680092725	Qualification report for dual, audio - transformer per BUWEPS drawing 2459209	1967
19680092727	Evaluation of Schaevitz-Bytrex model HFH pressure transducer	1967
19680092728	C-3 engineering evaluation test procedure part no. 10-251416-202 chg. B1 for JT connectors, EETP 2461	1967
19680092729	Engineering evaluation of IEE lamp, type 1A	1967
19680092730	Qualification of Little fuse picofuse 752 7486 P6	1967
19680092731	Evaluation of Texas Instruments transistors per BuWeps drawing X1557384	1967
19680092732	Qualification of Elmwood thermostatic switches	1967
19680092733	Qualification of Hopkins R. F. I. filters, GE drawing no. 76 18380 P2	1967
19680092735	Qualification of rectifier diode BUORD drawing 2412418	1967
19680092736	Reassurance test of five rotary switches	1967
19680092737	Screening test of 20 couch 1/6 size relays, vendor part no. A1076, to requirements of Motorola drawing 280-46146	1967
19680092738	Reassurance test of 30 couch 1/6 size relays, vendor part no. A1076, to the requirements of Motorola drawing 280-46146	1967
19680092739	Qualification tests on variable, non-wirewound, lead-screw, actuated resistors	1967
19680092740	Flash-butt welding of large aluminum rings for the Poseidon missile	1967
19680092741	Qualification of Transiron SE645 diode matched pair, G.E. drawing 7438688	1967
19680092742	Report of test on 09-00240-000 reactor	1967
19680092743	Qualification of MIL-C-26655, type CS12 solid tantalum capacitors manufactured by Dickson Electronics	1967
19680092744	Compressive strength of 3M Scotchcast resin XR-5068 at three different cure schedules	1967
19680092745	Evaluation tests of temperature compensating ceramic capacitors from several manufacturers 82 pf, plus or minus 5 percent, 50-100 VDC	1967
19680092746	Strain gage waterproofing investigation	1967
19680092747	Engineering evaluation tests of BuWeps P/N 2760028 terminal junction	1967
19680092750	Transient flow field analysis of a plane blast wave intercepting a stationary cone at zero angle of attack	1967
19680092756	Qualification of 150 solid tantalum polar, capacitors to MIL-C-26655	1967
19680092757	Evaluation test of 12 Fairchild UA702A integrated circuit operational amplifier	1967
19680092758	Evaluation of 45 transistors, type TI-S18, manufactured by Texas Instruments	1967
19680092759	Preliminary test of GE SR-585 pressure sensitive silicone adhesive to bond diallyl phthalate to polyurethane coated P.W. boards	1967
19680092760	Five-thousand hour humidity test of five connector potting compounds and one type of preformed connector cover	1967
19680092762	Evaluation test of temperature cycling, cold storage, and moisture resistance for 1/8 and 1/2 watt fixed film resistors	1967
19680092763	Vibration test of ten Networks Electronic Corporation thermal relays	1967
19680092764	Qualification of Unitrode 86-221 semi-conductor rectifier G.E. drawing 7528216-P1	1967
19680092765	Qualification testing of 2N3020 transistor for use in the ICWAR radar	1967
19680092767	Evaluation of operational amplifiers, type UA709, D4000355	1967
19680092768	Size 12 rotary solenoid	1967
19680092769	Component test report, transformer, audio, United Transformer Corp., DO-T-9, Raytheon part no. 351360	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092770	Qualification testing of a high power transistor for the ICWAR radar	1967
19680092771	Evaluation of British alumina ceramics in valves Final report	1967
19680092772	Effects of hydrazine exhaust plumes and propellant spills on selected spacecraft materials	1967
19680092774	Reactor qualification on transformer, power, NOC, enclosed, dc	1967
19680092775	Qualification testing of a semiconductor device rectifier for the HPI HV power supply Final report	1967
19680092777	Reliability verification test procedure BuWeps part number 1960920-01S003 signal transformer	1967
19680092778	Vehicle electronic design engineering manual, terminations section	1967
19680092779	Transformer qualification. On transformers, computer applications, hermetically sealed, 400 cycles	1967
19680092781	Development of continuous filament reinforced metal tape Interim engineering progress report, 15 Sep. - 14 Dec. 1966	1967
19680092784	Development of continuous filament reinforced metal tape Interim engineering progress report, 15 Dec. 1966 - 14 Mar. 1967	1967
19680092785	Qualification of Dickson DT60711F regulator diodes of drawing 7528215	1967
19680092787	Reactor qualification on transformers, power, NOC, enclosed, dc	1967
19680092789	Evaluation of Dearborn LP9 capacitor	1967
19680092791	Diode bridge assembly	1967
19680092794	C-3 engineering evaluation test procedure for Jeffers part number 39082-1003, resistor, fixed, metal film high reliability	1967
19680092795	C-3 engineering evaluation test procedure to evaluate Ward Leonard P/N ES114-100K, resistor, fixed, metal film high reliability	1967
19680092797	Switch, push, with incandescent indicator	1967
19680092799	Evaluation tests of ceramic capacitors from Aerovox and King, 2000 pf, 10000 pf, 50 Vdc	1967
19680092802	Concepts of impedance analysis	1967
19680092804	Investigative test of six Wabco 1/6 size relays	1967
19680092805	The effects of ethylene oxide upon operating electronic devices with breached hermetic seals	1967
19680092806	Reliability verification for BuWeps part number 2360631, transformer	1967
19680092807	Reliability report, life test result	1967
19680092808	The effects of heat-up rate and aqua-dag coating on the hi-temperature tensile creep properties of hot pressed beryllium block	1967
19680092812	Test of dielectric properties of copper-clad epoxy-glass laminate materials from 6 manufacturers	1967
19680092814	Aluminum silicated alkaline cleaner evaluation	1967
19680092815	Reactor qualification on transformers, power, NOC, enclosed, dc	1967
19680092817	Development of continuous filament reinforced metal tape Interim engineering progress report no. 4, 15 Mar. - 14 Jun. 1967	1967
19680092818	Qualification of Unitrode UT1145 rectifier diodes	1967
19680092820	Evaluation of Texas Instruments 2N2484 transistors per BuWeps drawing X1557385	1967
19680092821	Qualification testing of a transistor for use in the Auto. Data Processor /ADP/	1967
19680092827	Qualification testing of a microelectronic amplifier for the ICWAR radar	1967
19680092828	Antelope reliability verification test procedure, BuWeps part no. 1960922-01S016 and 01S020, capacitor liquid electrolyte, tantalum	1967
19680092829	Qualification testing of a field effect transistor for Hawk ground equipment	1967
19680092830	Qualification testing of a dual transistor for use in the Auto. Data Processor /ADP/	1967
19680092831	Evaluation of Texas Instruments planar transistor XP23 and Mesa transistor SP4363 to General Electric drawing 7528338	1967
19680092832	Qualification of IRC variable wirewound resistor RT22	1967
19680092833	Test methods for electronic devices	1967
19680092835	Evaluation of Delco Radio DTS 423 transistor per GE/AED 7528179P1	1967
19680092836	Reliability verification for BuWeps part number 2360626, transformer, signal	1967
19680092837	Reliability verification test for BuWeps part number 2360632-1, power transformer	1967
19680092839	Engineering evaluation test procedure, C-3, Elco, connector, electrical	1967
19680092840	Qualification of microelectronic dc amplifier for Wooden Round missile	1967
19680092841	AN/ARN-83 ADF system bench check	1967
19680092842	Qualification of Semtech SA1388 rectifier diode assembly	1967
19680092843	Low resistance electric bonds	1967
19680092844	Electric bonding requirements for avoidance of fuel-air explosions	1967
19680092845	Composite signal amplifier Failure analysis report	1967
19680092856	Components parts evaluation report on semiconductor diode, rectifier, silicon	1967
19680092858	Filter - Radio frequency interference	1967
19680092859	Qualification of General Instruments K3191 high voltage rectifiers	1967
19680092861	Gross risk and screening test, JAN-1N4246 rectifier diode	1967
19680092863	Resistor, fixed, wire-wound, power, dipped, 2 watts Component parts evaluation report	1967
19680092865	Nevada Aerial Tracking System /NATS/. Phoebus 1B EP-IV effluent and ground deposition surveys	1967
19680092866	Pressure increase and thermal conductivity in an infinitely long cylindrical hydrogen plasma in an axial magnetic field	1967
19680092867	Method for matching a plasma-loaded high frequency coil to a generator	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092869	Qualification and operational test - Stall warning amplifier switch JR 3059-1	1967
19680092870	Reliability verification test on BuWeps 1960917-6601C1 transistor, p-n-p	1967
19680092871	C-3 engineering evaluation test procedure for Angstrom P/N S51-KS-100K, resistor, fixed metal film /high reliability/	1967
19680092873	Development of a computer program for the evaluation of the efficiency of composite, Z-stiffened compression panels, and some supporting experimental studies Summary report no. 2, Jan. - Dec. 1966	1967
19680092881	Isotope Thermionic Module Development Program	1967
19680092886	Oscillations of a homogeneous plasma cylinder	1967
19680092888	A neutron source for producing intense, short neutron pulses	1967
19680092889	Test signal generator for accuracy checks on oscilloscopes	1967
19680092893	Thermoelastic shock in carbon	1967
19680092894	Report of test on 09-00242-000 reactor	1967
19680092902	Evaluation tests on transformers, power manufacturer's type 77906	1967
19680092905	Qualification testing of integrated differential comparator for wooden round missile Final report	1967
19680092907	Oxygen system module Qualification test report	1967
19680092908	Temperature transducer ME449-0097-0211 Qualification test report	1967
19680092909	Qualification and evaluation of Techno microminiature potentiometers, types 12, 13 and 14	1967
19680092914	Component parts evaluation report	1967
19680092915	Ceramic capacitor encapsulation test, ACI C12	1967
19680092916	Ceramic capacitor encapsulation test, potter ck	1967
19680092917	Annual report, 1966	1967
19680092918	A summary and explanation of the most important methods of the network analysis	1967
19680092919	RF interonics RF 2605 radio frequency interference filter	1967
19680092920	Qualification of microelectronic dc amplifier for wooden round missile Final report	1967
19680092928	Evaluation of allied control relays type WMR 18471, navigation and control P/N'S 1312101 and 1301471	1967
19680092929	Vibration test of a 55P786007-3 relay Final report	1967
19680092930	Parachute subsystem - Apollo earth landing system block 2 - Drop tests Final report	1967
19680092931	Reliability verification test for BuWeps part number 2360632-1, power transformer	1967
19680092934	Filter element, fluid, pressure, pump inlet hydraulic power package	1967
19680092936	Design development tests, relief override solenoid valve assembly DAC SCN 67193 /1B/ Technical memorandum, 26 Aug. - 16 Oct. 1967	1967
19680092941	Regulator assembly-pressure oxygen	1967
19680092942	Filters, electrical, 30KH-300MH, low pass, fixed Final test report	1967
19680092943	Compound part evaluation on relay, 1-5 amp, hermetic seal, 1-30 VDC, DPDT	1967
19680092944	Tension pullout test of NAS-1394-3L and NAS-1394-4L screw thread inserts	1967
19680092946	Propellant control, pneumatic, design qualification test, DAC SCN 1B59010-501 and 503	1967
19680092948	Proceedings of the twelfth conference on the design of experiments in army research, development and testing	1967
19680092951	Mallory MTC miniature potentiometers	1967
19680092952	Customer report for Avion P. O. 70509PT2	1967
19680092953	Projects associated with advanced electron device technology Status report	1967
19680092954	Thermal analysis Apollo earth landing system block 2 Northrop Ventura	1967
19680092955	Resistors, metal film, 1 percent TOL, 1/8 watt, IR C - Corning glass, screening test	1967
19680092957	Separation system-hotwire detonators and boosted detonating cords	1967
19680092958	Reconfiguration qualification test of bus connectors DAC SCN 1B57771	1967
19680092960	Filter assembly engineered magnetics model EMSE201 reliability test unit no. 2A serial no. 25761	1967
19680092961	J. C. Carter coupling assemblies	1967
19680092962	Filter assembly engineered magnetics model EMSE201	1967
19680092963	Corrosion effects on chemical treated, non-chemical treated and stressed 2014 T6 aluminum threaded joints in contact with silver-plated inserts	1967
19680092964	Lamp assembly qualification test	1967
19680092965	Filter assembly - Test unit no. 1A Qualification test report	1967
19680092966	Filter assembly Engineered Magnetics model EMSE201 qualification test unit no. 3A, serial no. 25741 Qualification test report	1967
19680092968	Integrated circuit - Diode pack	1967
19680092969	Qualification testing of integrated differential comparator for wooden bound missile Final report	1967
19680092972	A comparison of preference measurement methods	1967
19680092973	Isopreference method for speech evaluation	1967
19680092976	Reliability verification test of fuel tank vent and relief valve, DAC SN 1A48257-511	1967
19680092977	Report of qualification tests performed on capacitors for IBM, Huntsville	1967
19680092978	Report of test on capacitors qualification testing	1967
19680092979	Electron irradiation of materials Interm report, Mar. - Dec. 1965	1967
19680092980	Component test report, transformer, audio, Triad Transformer Co. no. 51397, Raytheon part no. 352507	1967
19680092984	Apollo service module engine gimbal actuators mod. 2	1967
19680092985	Apollo propellant utilization and gaging system /block 2/, volumes 1,2, and 3	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092987	A rain survey of rain simulation techniques	1967
19680092992	Study of energy storage Final report, 4 Oct. 1965 - 3 Oct. 1966	1967
19680092995	Evaluation tests of Motorola linear integrated circuit MC1709G	1967
19680092996	Evaluation of Motorola 2N3501 silicon transistor	1967
19680092997	Lighting equipment, external Random vibration test report	1967
19680092998	Evaluation of class 2, A-286 CRES fasteners - NAS spec. NAS1675	1967
19680092999	Evaluation of class 2, A-286 CRES fasteners - NAS spec. NAS1675	1967
19680093000	Chilldown inverter qualification test on power supplies, electrical, non-rotating, 1100 watts, 400 cycle, 56 VDC	1967
19680093001	Hard chamber circumferential weld of the pressure tank cover assembly	1967
19680093002	Qualification test of 12 bandpass crystal filters, Motorola no. 25-21391G01, supplied by Damon Engineering, Inc.	1967
19680093003	Qualification test of 50 variable glass capacitors, Motorola part no. 20-21386G01, supplied by JFD Electronics co.	1967
19680093004	Potentiometer, linear motion Qualification test report	1967
19680093005	Loads and stability analysis for critical operational cases - Apollo block 2 ELS	1967
19680093006	Metal drogue riser, NV p/n DR7581-13, mfr - Northrop Ventura	1967
19680093009	Evaluation of NAS 1672 fastener	1967
19680093018	Tension pull-out test of bonded inserts	1967
19680093020	Design development testing, valve, shutoff, chill system DAC SCN 1A49965-527	1967
19680093021	Regulator assembly pressure, oxygen	1967
19680093022	The entry monitor subsystem	1967
19680093023	Capacitor, fixed, glass dielectric lead mount TYO type	1967
19680093025	LM flight pressure transducer vibration cleanliness integrity testing	1967
19680093027	Resistor, RNR A-18104-1	1967
19680093074	Test report covering qualification testing of connectors, electrical, circular, in accordance with NAR corp. procurement spec. MC414-0365, revision C	1967
19680093075	Inverter, power, static, and filter assembly	1967
19680093076	The entry monitor subsystem test unit no. 2	1967
19680093077	Surveillance inspection test, resistor, fixed, carbon film, molded or dipped, 0.125 watt	1967
19680093078	Rectangular hermetic connectors electrical, high density, subminiature	1967
19680093083	Reliability characteristics of Voyager components - Voyager spacecraft redundancy study	1967
19680093084	Study of cumulative damage techniques for the prediction of motor failure Quarterly technical summary report, 1 Dec. 1966 - 28 Feb. 1967	1967
19680093086	Strength analysis Apollo earth landing system block 2	1967
19680093087	S-1B retro rocket motor vibration tests DAC SCN 1B65474	1967
19680093089	Study of irregular surfaces using the scanning electron microscope	1967
19680093090	Failure analysis of Teledyne relays 431-5001, 531-5003 and 421-3005	1967
19680093091	Evaluation of CYK01BT103K, CYK01BT103M, and CYK02BV104M glass-ceramic dielectric capacitors manufactured by Corning Electronics	1967
19680093092	Investigation of particles in general instrument type 110245-2 "semiconductor device sets"	1967
19680093093	Evaluation of 1, 68, and 133 MHz frequency determining quartz crystal units manufactured by Midland Manufacturing Co.	1967
19680093094	Failure analysis of one NCS576 and two NCS573H hybrid microcircuits manufactured by General Instrument Corporation	1967
19680093099	Analysis and computer code description of the separation of two spin stabilized rigid bodies	1967
19680093100	A New Approach to the Microbiological Sampling of Surfaces - the Vacuum Probe Sampler	1967
19680093102	Evaluation of 45 epoxy encapsulated transistors, type JE-1419 manufactured by General Electric	1967
19680093103	Polymer structures and properties Technical report, 1 Jan. - 31 Dec. 1967	1967
19680093105	Capacitor evaluation, fixed, metallized, lead mount	1967
19680093110	Component parts evaluation report	1967
19680093111	Reliability verification test for BuWeps part number 2360608-1 transformer, pulse	1967
19680093112	S glass pin joint strength test	1967
19680093113	Material properties test	1967
19680093115	Titeflex Hose Assemblies	1967
19680093118	Dual specification in vibration testing	1967
19680093120	Integrated circuit - Clocked flip-flop	1967
19680093121	Evaluation tests on switches, toggle, subminiature type SP6 and DP6	1967
19680093122	Qualification test for separation system - Hotwire detonator, boosted detonating cord	1967
19680093123	Capacitor, Fixed, Film, Hermetically Sealed, Lead Mount	1967
19680093124	Estimating body burden levels of radioactive materials from urinary excreta data for a number of important radionuclides	1967
19680093125	Preventive maintenance	1967
19680093126	Capacitor, fixed glass, molded, lead mount	1967
19680093129	Delta vibration report EMS qualification test	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093130	Solid tantalum capacitor encapsulation test, Kemet Z series	1967
19680093133	Investigation of flow kinematics of detonating explosive slabs Final report, 1 Sep. 1965 - 1 Nov. 1966	1967
19680093138	Qualification report for diode, per BuWeeps drawing 1821036	1967
19680093139	Solid tantalum capacitor encapsulation test, Dickson T series	1967
19680093140	Environmental and reliability report on high temperature life test on Teledyne TO-5 can relays series 412-26	1967
19680093142	Parachute subsystem ME901-0579-0001 Apollo earth landing system block 2 Final report	1967
19680093144	Fuel Tank Relief Valve, Qualification DAC Sch 149591-513	1967
19680093146	Evaluation of Motorola 2N3866 transistor per GE/AED drawing 7528194	1967
19680093151	Evaluation tests on synchro control transformer, type 10CT4DITIS	1967
19680093152	Evaluation tests on resistors, variable, spring return MFR S type ST1325	1967
19680093154	Environmental and reliability report high temperature life tests on Teledyne TO 5 can relays series 411-26	1967
19680093155	Conical disc washers preliminary testing for mark 24 centering cylinder application Test evaluation report	1967
19680093156	Evaluation of Motorola 2N3296 transistors per General Electric drawing 7528173 P1	1967
19680093157	Solid tantalum capacitor encapsulation test, Sprague 172D Evaluation test report	1967
19680093163	Qualification of RCA 2N3439 transistors per GE/AED drawing 7528104 P1	1967
19680093164	Effects of initial turbulent boundary layer on shock-induced separation in transonic flow	1967
19680093165	Report of test on 09-00249 reactor	1967
19680093174	Forward area air defense system /U/ Quarterly report, Jan. - Mar. 1967	1967
19680093183	Connector, electrical, mated pair, audio and power	1967
19680093184	Capacitor, fixed - Mica, 1 KV	1967
19680093185	Capacitor, fixed - Tantalum, solid electrolytic	1967
19680093186	Capacitor, fixed, mylar dielectric, non-hermetic seal	1967
19680093187	Report of test on 08-00629-000 transformer	1967
19680093188	Propellant-utilization vehicle electronics package	1967
19680093189	Transformer, assembly audio, triad transformer co. part no. 46450, Raytheon part no. 351280	1967
19680093190	Rapid heat treatment of martensitic steels	1967
19680093192	Ceramic capacitor encapsulation test, San Fernando, R-1330	1967
19680093193	Component parts evaluation report on capacitor fixed, ceramic, dielectric molded epoxy fill case	1967
19680093198	Report of test on 09-00248-000 reactor	1967
19680093199	Report on test on 09-00247 000 reactor	1967
19680093200	Report of test on 09-00242-000 reactor	1967
19680093202	Satellite meteorological instruments Interim report	1967
19680093204	Program description NMCS information processing system NIPS, IBM 1410/7010. Volume 1. General purpose components. Part 1. File maintenance	1967
19680093205	Program description NMCS information processing system NIPS, IBM 1410/7010. Volume 1. General purpose components. Part 4. Retrieval And Sort Processor, RASP	1967
19680093206	Microconductor device, diode - Microwave mixer, matched pair	1967
19680093208	Ballizing of machined holes in D6AC steel	1967
19680093215	Applied LMH combustion /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967
19680093232	The use of metalized gel propellants in a standing detonation wave rocket engine /U/	1967
19680093240	Subproject 3 - Image interpretation and automatic optical detection /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1966	1967
19680093245	Study of scintillation screens and X-ray sources for application in hypervelocity impact data recorders /U/ Technical report, 16 Nov. 1964 - 16 Jul. 1966	1967
19680093249	Optimizing the packing of ammonium perchlorate and aluminum particle size mixtures for solid propellants /U/	1967
19680093258	Lift and lift/cruise fan derivative data /U/	1967
19680093275	Demonstration of a dual thrust motor for a forward area air defense system /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1966	1967
19680093284	Transonic wind tunnel tests of two simulated forward-mounted reaction jet control systems on a typical missile configuration /U/	1967
19680093287	Beryllium erosion corrosion investigation for solid rocket nozzles /U/ Technical progress report, 10 Oct. 1966 - 17 Jan. 1967	1967
19680093288	Solid Propellant Extended Environmental Capability Evaluation program /U/ Quarterly report, Oct. - Dec. 1966	1967
19680093289	Trimode Rocket Propulsion Feasibility program, phase 1 /U/ Final technical documentary report, 3 Jan. - 15 Jul. 1967	1967
19680093299	Reliable solid-state circuits Semiannual report, 1 Jan. - 30 Jun. 1967	1967
19680093300	Collection and analysis of micrometeorites Semiannual status report, 1 Jun. - 1 Dec. 1967	1967
19680093313	Reentry thermal protection of a plutonium fuel form with pyrolytic graphite - Heat and mass transfer	1967
19680093314	Aerospace nuclear safety Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19680093315	Bibliography of aerospace nuclear safety reports issued by Sandia Corporation in CY 1966	1967
19680093316	Stress analysis of the SNAP-27 lunar flight cask	1967
19680093330	Space Storable Propulsion Systems	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093341	An application of linear programming to functional approximation Semiannual progress report, 1 Apr. - 30 Sep. 1967	1967
19680093359	Acoustic coupling study Quarterly progress report, 12 Jun. - 15 Oct. 1967	1967
19680093363	A research study to definitize a Bio Isolator Suit System /BISS/ Oral presentation report no. 2, 28 Nov. 1966 - 28 Feb. 1967	1967
19680093381	Terminal, quick disconnect	1967
19680093382	Average life expectancy of various optical coatings	1967
19680093383	Evaluation tests on thermostats, sealed, manufacturer's type no. 292ACO	1967
19680093384	Alternate source qualification test for JAN 2N2907	1967
19680093387	High precision 5 MHz quartz resonators for temperature control between 20 and 30C Dec. 1966 - 31 Jan. 1967	1967
19680093440	Oscillatory Drive and Position Readout System Final Report	1967
19680093454	Solar-cell integral cover-glass development Periodic progress report, Sep. 1 - Nov. 30, 1967	1967
19680093455	Saturn 5 integrated pre-operational system safety evaluation report SA-501	1967
19680093496	Saturn 5 integrated pre-operational system safety evaluation report SA-501	1967
19680093502	Spectroscopic studies of interstellar grains	1967
19680093519	Test evaluation of fuel cell catalysts Quarterly report, 19 Jan. - 19 Apr. 1967	1967
19680093553	Preliminary space flight handbooks. Volume 3 - Planetary flight handbook. Part 6 - Mars stopover missions using Venus swingbys	1967
19680093578	RAC-FD /frequency-distance separation analysis for the AN/VRC-12, AN/PRC-25, and AN/ARC-54 radio systems/	1967
19680093599	Effects of turbulent background flow on mean and fluctuation electron densities	1967
19680093604	Photoemission and optical studies of the electronic structure of NiO, CoO, and V2O4	1967
19680093605	Weld qualification for P/N6499-7 pressure vessel	1967
19680093606	Liquid oxygen auxiliary motor driven chilldown pump DAC SCN 1A49423-501	1967
19680093610	Nitinol characterization study - Detailed test plan for material evaluation tests	1967
19680093617	Solenoid valve, 3/8-inch, 3 way	1967
19680093622	Reliability Test Report for Static Power Inverter Engineered Magnetics Model EMIU104C	1967
19680093638	KSC-MSFC contractor Saturn 5/preoccupational system safety evaluation report - SA-501. Volume 2 - S-1C	1967
19680093652	On distributed communications. 13 - Semi-automated layout of networks for "Real-World" user locations for the digital distributed communications system /U/	1967
19680093656	Investigation of high performance solid propellants with favorable radar attenuation characteristics - Mechanisms which cause radar attenuation /U/ Final report, 11 Aug. - 11 Dec. 1967	1967
19680093667	Ion beam diagnostics and neutralization Monthly progress report, Apr. 1967	1967
19680093668	Ion beam diagnostics and neutralization Monthly progress report, May - Jun. 1967	1967
19680093672	Ion beam diagnostics and neutralization Monthly progress report, Jan. 1967	1967
19680093683	Ion beam diagnostics and neutralization Monthly progress report, Mar. 1967	1967
19680093684	Ion beam diagnostics and neutralization Monthly progress report, Feb. 1967	1967
19680093694	Mission oriented advanced nuclear system parameters study, phase 5 Quarterly progress report, 1 Apr. - 30 Jun. 1967	1967
19680093717	Qualification report on capacitor, fixed, non-metallic case lead mount, mil-general	1967
19680093720	Quality maintenance testing of connector, electric AN type	1967
19680093721	Review of research, 1967	1967
19680093723	C-5A fatigue test of corner doublers of a cutout in simulated pressure vessel	1967
19680093724	Automatic flight control system for automatic terrain following	1967
19680093725	Hose, hydraulic, flexible, high pressure, Teflon lined	1967
19680093745	Monthly progress report for December, 1966	1967
19680093747	Silicon carbide whisker reinforced metallic matrix continuous tapes Quarterly progress report, 1 Jan. - 31 Mar. 1967	1967
19680093751	S-2 Stage Preoperational System Safety Evaluation Report S-2-501, Volume 3	1967
19680093752	S-IU Stage Pre-operational System Safety Evaluation Report S-IU-501	1967
19680093757	KSC-MSFC Contractor Saturn 5 Preoperational System Safety Evaluation Report. Volume 4 - S-4B Stage System Safety Evaluation Report S-4B-AS501 Final Report, 5 Jul. - 11 Aug. 1967	1967
19680093768	Qualification testing of Titeflex Corp., stainless steel, flexible coolant hose, assy. P/N 96048 /IBM P/N 6084478/	1967
19680093775	Monthly progress report, January 1967	1967
19680093776	Monthly progress report, February 1967	1967
19680093778	Study, design, fabrication and testing of Mossbauer vibration calibration systems Quarterly progress report, period ending 31 Aug. 1967	1967
19680093786	Enhancement of HF fields by large, spherical ground screens	1967
19680093787	CRT display circuits	1967
19680093789	Fabrication and study of photoconductor- tunneling electron emitter Quarterly progress letter report, 8 Oct. 1966 - 7 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093790	Fabrication and study of photoconductor- tunneling electron emitter Quarterly progress letter report, 8 Jan. - 7 Apr. 1967	1967
19680093801	Ion beam diagnostics and neutralization Monthly progress report, Dec. 1966	1967
19680093806	Production engineering measures /PEM/ for milliwatt logic semiconductor integrated circuits. Part 2, phase 2. Data analysis and reduction report, 15 March - 15 July 1967	1967
19680093808	Attitude control 3.0 pound H2O2 settling engine	1967
19680093810	Component parts evaluation report on semiconductor transistor, power larger than 1 watt, silicon n-p-n	1967
19680093811	The world gravity net	1967
19680093812	Model 102C on differential operational amplifier	1967
19680093814	Vibrational analysis ocean bottom seismic system Research report	1967
19680093815	Evaluation determination for cryogenic insulation system materials	1967
19680093816	Report of test on 09-00238-000 reactor	1967
19680093817	Report of test on 09-00238-000 reactor	1967
19680093819	Environmental evaluation of RF Interonics RF 2444 radio interference filter	1967
19680093820	C-3 engineering evaluation tests procedure for BuWeps part number 2360580, connector, electrical	1967
19680093821	Reliability verification for BuWeps part number 2360631-1, transformer	1967
19680093832	Regulator-helium, pressure, missileborne	1967
19680093834	Regulator-helium, pressure, missileborne	1967
19680093835	Valve-relief and shutoff, fuel tank vent	1967
19680093838	Evaluation of transformer	1967
19680093840	Qualification report of crystal unit, quartz, per specification WS4447 and BuWeps Dwg 2459406	1967
19680093841	Transistor-unijunction	1967
19680093854	C-3 engineering evaluation test procedure for BuWeps part number 2360614-4, relay armature	1967
19680093862	Effect of the sudden use of hyperbaric respiration on the circulatory system	1967
19680093863	Effect of hyperbaria on the peripheral blood picture introductory information	1967
19680093866	Evaluation of Texas Instruments SFB 1702/TIS25 field effect transistor	1967
19680093868	Engineering evaluation test procedure for BuWeps part number 2760023, integrated circuit, quad two-input gate Engineering evaluation test report	1967
19680093869	C-3 engineering evaluation test procedure integrated circuit, operational amplifier, BuWeps part number 2760027	1967
19680093870	C-3 engineering evaluation test procedure, integrated circuit, operational amplifier, for BuWeps part number 2760027	1967
19680093871	Free carrier Faraday rotation in dendritic in SB films at mu-wave X-band frequencies, and related topics	1967
19680093878	Guidance system operations plan for manned CM earth orbital missions using program SUNDISK. Section 7 - G and N error analyses /U/	1967
19680093887	Model A-7A airplane development /U/ Bimonthly data report	1967
19680093909	The evaluation of the usefulness of the MOL to accomplish early NASA mission objectives /U/ Final briefing	1967
19680093921	AF 156-9 flexible seal nozzle demonstration /U/	1967
19680093922	Two-hundred fifty K thrust chamber technology program, 1 December - 28 February 1967 /U/	1967
19680093923	Advanced cryogenic rocket engine program staged combustion concept /U/ Quarterly technical report, 1 Dec. 1966 - 28 Feb. 1967	1967
19680093924	Integrated motor demonstration for a forward area air defense system /U/ Quarterly technical summary report no. 2, 1 Oct. - 31 Dec. 1966	1967
19680093927	The development of a 600 deg Centigrade heat pipe assembly /U/ Interim summary technical report, 3 Jan. 1966 - 3 Jan. 1967	1967
19680093931	Extended range antisubmarine rocket design and development Final report, FY 1964-1965	1967
19680093937	Forward area air defense system /U/ Quarterly report, Oct. - Dec. 1966	1967
19680093942	Altitude performance of Rohm and Haas C-112 and United Technology Center UTX-8812 propellant grains tested in a standard Bates rocket motor /U/	1967
19680093948	C-3 engineering evaluation test procedure integrated circuit operational amplifier for BuWeps part number 2760027	1967
19680093949	Engineering evaluation test procedure for BuWeps part number 270064, integrated circuit, dual four input power gate	1967
19680093950	Laplace transform analysis of thin piezoelectric plate configurations Research report	1967
19680093951	C-3 engineering evaluation test procedure, integrated circuit, master slave clocked flip-flop, BuWeps part no. 2760015	1967
19680093953	Qualification testing of an integrated circuit analog gate for the wooden round missile	1967
19680093954	Polynomial curve fitting to provide explicit representations of data Research report	1967
19680093960	Evaluation tests on capacitors, fixed - ceramic-dielectric, mfrs. type C10A104M	1967
19680093985	A.D.P. quarterly program review /U/ 10 August 1967 /U/	1967
19680093986	A.D.P. quarterly program review /U/	1967
19680093991	Reliability verification test procedure for BuWeps part number 2360599-1, capacitor, fixed solid electrolyte tantalum	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093992	Antelope reliability verification test procedure to verify BuWeps part number 1960923-03W012 and -03W016	1967
19680093994	Reliability verification test procedure for BuWeps part numbers 2361023-2C1R00 and -2C4R70	1967
19680093995	Qualification of Saratoga Industries three phase transformer 7637495	1967
19680094004	Information tests on clamps, loop, plastic wire support	1967
19680094005	Manufacturer qualification on circuit protective device, circuit breaker Qualification test report	1967
19680094014	ADP-AEA-SDI quarterly program review, 12-13 January 1967 /U/	1967
19680094018	Full scale modular core regenerator of YT78-A-2 powerplant /U/	1967
19680094058	Engineering evaluation test procedure for BUWEPS part number 2760023, integrated circuit, quad two input gate	1967
19680094059	Reliability verification for BUWEPS 2360616	1967
19680094060	Reliability verification test procedures for BUWEPS part no. 2360599-1, capacitor, fixed solid electrolyte, tantalum	1967
19680094061	Antelope reliability verification test procedure for part no. 2361023-2C1R00 and 2361023-2C4R70	1967
19680094062	Evaluation tests on tuning fork, oscillator, type JA49-12P	1967
19680094063	Evaluation tests on servo motor type no. M100-501-2	1967
19680094065	Evaluation tests on connectors, electrical, environmental, 200C	1967
19680094066	Reliability verification for BUWEPS part number 2360626, transformer	1967
19680094068	Engineering evaluation test procedure for BUWEPS part no. 2760064, integrated circuit, dual four input power gate	1967
19680094069	Engineering evaluation test procedure for BUWEPS part no. 2760023 integrated circuit, quad two-input gate	1967
19680094070	C-3 engineering evaluation test procedure for BUWEPS part no. 2760064, integrated circuit, dual four input power gate	1967
19680094072	Avionics maintenance readiness training syllabus Final report	1967
19680094077	Reliability verification test procedure for BUWEPS part number 2360694-1, filter, low pass	1967
19680094078	Sheer strength of Tridox F-88 cement for given conditions of manufacturing variables	1967
19680094079	Antelope reliability verification test procedure for BUWEPS part number 2360619-1 and 2360619-7	1967
19680094080	Engineering evaluation test procedure for diode, rectifier, BUWEPS part no. 1960907	1967
19680094083	C-3 engineering evaluation test procedure for BUWEPS part number 23614-4, relay armature	1967
19680094086	Friction tests of D6AC steel against D6AC steel	1967
19680094087	Grumman vehicle electronic design engineering manual, bonding section	1967
19680094088	Silicon rubber electrical potting compounds, room temperature vulcanizing	1967
19680094089	C-3 engineering evaluation test procedure for BUWEPS part number 2360614-4, relay armature	1967
19680094090	Antelope reliability verification test procedure for BUWEPS part number 2360615-1, relay, magnetic latch	1967
19680094091	C-3 engineering evaluation test procedure for BUWEPS part number 2360614-4, relay armature	1967
19680094094	Circuit breaker oxygen-rupture test	1967
19680094096	Avionics systems report Final report	1967
19680094098	Antelope reliability verification test procedure BUWEPS part number 2360607, transistor, n-p-n	1967
19680094114	Qualification of Saratoga Industries power stepdown transformer 7637494 Pi	1967
19680094116	Deformation and fracture in fiber-reinforced metals Final report, 17 Jan. 1966 - 17 Jan. 1967	1967
19680094129	Surveyor lunar flight project, mission C	1967
19680094140	Cooling devices evaluation, phases 2 and 3 Final development report, period ending 31 Dec. 1966	1967
19680094149	Reactions of ferrocene. 1. Novel polyurethanes containing ferrocene Research report	1967
19680094162	Environmental evaluation of Axel A-10-B-454 radio frequency interference filter	1967
19680094166	Combustion irregularities of solid propellants Final summary report, 1 Oct. 1965 - 30 Sep. 1966	1967
19680094182	Multipurpose reusable spacecraft task B letter report. Appendix B - Weights	1967
19680094203	C-3 engineering evaluation test procedure for BUWEPS part number 2360614-4, relay armature	1967
19680094205	Qualification testing of a Zener diode for the wooden round missile	1967
19680094210	High rate stiffness and stress relaxation characteristics of first generation liner materials	1967
19680094212	VHF repeater experiment for ATS/C Final report	1967
19680094219	Research and development on fluorine based oxidizers /U/ Quarterly progress report, 30 Sep. - 31 Dec. 1966	1967
19680094220	Research and development on fluorine based oxidizers /U/ Annual technical summary report, Sep. 1965 - Sep. 1966	1967
19680094229	Erosive combustion of solid propellants /U/ Final report	1967
19680094247	Regulator, pressure, oxygen Qualification test report	1967
19680094248	Valve shutoff, toggle operated Qualification test report	1967
19680094249	Apollo radiator temperature controller qualification test report	1967
19680094250	Hydraulic bleeder valve	1967
19680094258	A short chronicle of Soviet geodesy and cartography, 1918-1967	1967
19680094269	Connector set, electrical - Plug and receptacle, lanyard pull	1967
19680094277	Solar forecasting aid, the activity level designator chart	1967
19680094285	Production monitoring tests of guided missiles Final report	1967
19680094326	Image dissections /U/ Monthly technical progress report, 1-31 Dec. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680094327	Advanced Cryogenic Rocket Engine program /U/ Quarterly progress report	1967
19680094379	Advanced engine design study, Bell /AEB/ /U/ Quarterly review no. 6	1967
19680094380	Advanced engine design study, Bell /AEB/ Quarterly review no. 7	1967
19680094382	Troubleshooting with computer	1967
19680094384	Qualification of parts for use on the Apollo program	1967
19680094385	Qualification of Parts for Use on the Apollo Program	1967
19680094387	Semiconductor materials for radiation detection at elevated temperatures Final report, 1 May - 31 Oct. 1966	1967
19680094400	Product improvement - Gas turbine model GTCP100-54, gas turbine models GTC85 series GTCP95-2, and air turbine starter Final report, Aug. 1966 - 30 Apr. 1967	1967
19680094421	The automatization of measuring in the area of luminescence	1967
19680094426	Regulator on valves-gas, NOC, 1000-5000 psig, multifunction, spool, pressure	1967
19680094427	Reliability verification test on hydraulic pump and isolator assembly, DAC SCN 1A86847-511	1967
19680094428	BG288G3 thrust vector servo amplifier	1967
19680094431	C-3 engineering evaluation test procedure for integrated circuit master slave clocked flip-flop, BuWeps P/N 2760015	1967
19680094439	Regulator - Relief recirculation system valves, volumes 2 and 3 Qualification test report	1967
19680094440	Ultimate stress testing of power transfer motorized switches	1967
19680094446	BG288G4 thrust vector servo amplifier	1967
19680094449	BG286G4 electronic control assembly	1967
19680094468	Status of failure analysis of semiconductors from Polaris system as of 1 October 1967 Quarterly report	1967
19680094498	C-3 engineering evaluation test procedure for integrated circuit master slave clocked flip-flop, BuWeps P/N 2760015	1967
19680094500	Production engineering measure. High speed semiconductor switch /two terminal/ and high speed semiconductor switch gate. Volume 2. Inspection and quality control plan	1967
19680094502	BG285G3 electronic display assembly	1967
19680094506	Differential pressure transducer	1967
19680094507	Qualification report on fixed capacitors	1967
19680094508	Evaluation of power supply	1967
19680094511	Manual disconnect couplings	1967
19680094512	Qualification of Saratoga Industries transformer 7637484 P1	1967
19680094513	Evaluation of three types of magnetic digital indicators	1967
19680094515	Electroslag and electrogas welding of steel armor	1967
19680094521	Evaluation of Fenwal Electronics, Inc. P/N JB32L6 thermistor	1967
19680094524	Effect of low temperature on RTV 90, RTV 580, and RTV 8382 Final report	1967
19690005181	Design criteria for zero leakage connectors for launch vehicles. Advanced leakage tests, volume 3 Final report	1967
19690005183	Design criteria for zero leakage connectors for launch vehicles. Computer programs for flanged and threaded connector design, volume 1 Final report	1967
19690009825	Contributions to the physiology of strenuous physical work. Part 9 - Hyperthermia and basal metabolism	1967
19690010075	Dispersion and absorption of sound in clouds	1967
19690011770	Physiological systems analysis of temporary eye muscle disturbance due to stress in air and space travel	1967
19690015806	Onboard Checkout System Software Design	1967
19690015822	Onboard checkout and data management system - Hardware definition	1967
19690015824	Onboard Checkout and Data Management System /OCDMS/ software concept validation	1967
19690017330	Investigation of Effects of Simulated Nuclear Radiation Heating on Inducer Performance in Liquid Hydrogen	1967
19690020271	On the analysis of visual perceptions	1967
19690024150	Electron spin resonance studies of H sub 2 O radiolysis and linear accelerator development directed toward establishment of pulse radiolysis facilities	1967
19690024151	Production of free radicals and radiation damage in trypsin by irradiation with electrons at 4.2 deg K	1967
19690024152	Excited electronic states in nucleic acid components and their relation to radiation damage	1967
19690024153	Effects of homogeneous magnetic fields upon biological systems	1967
19690024154	The effect of various LET radiations on stem cells as measured by the spleen colony-forming technique	1967
19690024155	Synergistic action of X-rays and ultrasonic waves on mammalian cells cultured in vitro	1967
19690024156	Effect of radiation on the developing flour beetle, Tribolium confusum	1967
19690024157	Semiconductor devices and their applications to dosimetry of heavy-charged-particle beams	1967
19690024158	Energy-loss fluctuations	1967
19690024159	Simulated solar-flare irradiation in the laboratory	1967
19690024160	Beam scanning and microbeam at the 88-inch cyclotron	1967
19690024161	Space-related mammalian radiobiology	1967
19690024162	Vestibular organs - The structure and function of the vestibular organs as they relate to the manned exploration of space	1967
19690024163	Vestibular organs - Testing the function of vestibular receptors	1967
19690024164	Vestibular organs - Radiation effects on structure and function	1967
19690024165	The righting reflex of the frog as influenced by irradiation	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690024166	The vestibular apparatus as influenced by localized high-energy irradiation	1967
19690024167	Brain impedance studies and their relation to radiation effects in space flight	1967
19690024168	Mathematical modeling of space radiation hazards	1967
19690024574	Contributions of magnetic field research to space science	1967
19690024575	A report on the Second International Conference on Magnet Technology	1967
19690024576	Some features of secular variation of the geomagnetic field	1967
19690024577	The Argonne 16-ft bore superconducting magnet	1967
19690024578	Review of superconducting magnetometers	1967
19690024579	An ultra sensitive magnetometer and gradiometer using weakly coupled superconductors	1967
19690024580	Magnetic field computations and measurements on the exciters for the Argonne pion focusing horn	1967
19690024581	Systems of coils to produce magnetic fields of prescribed uniformity in regions of desired shape	1967
19690024582	Design and performance of a microwave motor	1967
19690024583	A vector magnetometer system for detection of ionospheric currents by sounding rockets	1967
19690024584	Computer aided analysis and design of space instrument systems	1967
19690024585	Digital offset field generator for spacecraft magnetometers	1967
19690024586	Average interplanetary magnetic field for angular momentum calculations	1967
19690024587	Demagnetization methods for spacecraft systems and components	1967
19690024588	Magnetic properties of selected spacecraft materials	1967
19690024589	Stability measurements of fluxgate magnetometers	1967
19690024590	A highly stable fluxgate magnetometer for space exploration	1967
19690024591	A magnetometer test environment using an expandable superconducting enclosure	1967
19690024592	Near-earth magnetometer flights with the OVI series spacecraft	1967
19690024593	Magnetic cleanliness program for the lunar surface and pioneer magnetometers	1967
19690024594	A magnetically shielded chamber used in simulating space environment	1967
19690024595	Magnetic tests in the ATS-1 spacecraft	1967
19690024596	New nonlinear magnetic analysis of saturated electromechanical energy converters	1967
19690024597	Effects of magnetic fields upon biological systems	1967
19690024598	Mariner Venus 67 magnetic control	1967
19690024599	Magnetic tests of the OGO and ERS satellites	1967
19690025232	A parabola test for systems containing a time- varying nonlinearity	1967
19690026126	Advanced lunar studies - Study of Surveyor extended mission	1967
19690027133	Problems involved in using unmanned spacecraft systems for returning surface samples from Mars	1967
19690030929	On the radio occultation method for studying planetary atmospheres	1967
19690030930	Variations in the radar cross section of Venus	1967
19690030931	Radar observations of Venus and Mars	1967
19690030932	Reflection and diffraction in a bistatic radar occultation experiment	1967
19690030933	Water vapor and ice in the Martian atmosphere	1967
19690030934	The Venus atmosphere - Future experiments and present knowledge	1967
19690030935	Resonant and nonresonant spectroscopy of Venus	1967
19690030936	Some comments on the scattering of thermal microwave radiation beneath a planetary surface	1967
19690030937	Water on Mars	1967
19690066068	Manned mission photovoltaic power system study	1967
19690066226	Failure Rate Data Base for Voyager Spacecraft Redundancy Study Final Report	1967
19690067284	Investigation of sputtering effects on the moon's surface Quarterly status report, 2 Sep. - 2 Dec. 1966	1967
19690067363	Saturn 5 launch vehicle S-IC control system design data, 5A-505	1967
19690067482	Strain gage evaluation program Monthly progress report, Mar. - Apr. 1967	1967
19690067483	Synthesis of elastomers for use with liquid fluorine Quarterly letter report no. 4	1967
19690067587	Heat and momentum transfer from compressible turbulent jets of hot air impinging normally on a surface	1967
19690067762	Studies on the mechanical properties of filament-wound materials and methods used in their measurement. 1 - The determination of elastic moduli of filament-wound cylinders	1967
19690067770	Feasibility study for development of a flexible reinforced window Final report, 7 Sep. 1965 - 7 Dec. 1966	1967
19690067794	Studies on the mechanical properties of filament-wound materials and methods used in their measurement. 2 - Evaluation of circumferential strength of FW cylinders by the ISAS ring test and the burst test	1967
19690067850	Investigation of a microwave generated plasma in a non-uniform magnetic field	1967
19690068042	Band model parameters for H sub 2 O	1967
19690068044	Membrane ultrastructure in nerve cells	1967
19690068045	Soil vegetation complexes of tundra and polar desert landscapes	1967
19690068173	A model of renal function	1967
19690068175	Study of the nuclear component of primary cosmic rays aboard AES Proton-2	1967
19690068939	Bibliography of the computer codes literature examined by the Radiation Shielding Information Center	1967
19690070642	Advanced Atlas Launch Vehicle Digest	1967
19690070873	The bremsstrahlung yield from beta emitters	1967
19690071541	Liapunov functions for feedback systems containing a single time varying nonlinearity	1967
19690071542	On the convergence of an improper integral evaluated along the solution of a differential equation	1967
19690071543	Some approaches to suboptimal feedback control of nonlinear systems	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690071942	Performance evaluation of a modified NERVA technology pump in liquid hydrogen at zero NPSP. NERVA program	1967
19690072093	Study of spaceborne multiprocessing, phase 1. Volume 1 - Summary Final report	1967
19690072241	Ordinary differential equations in linear topological space, 2	1967
19690072750	Systems engineering - Manned space flight	1967
19690072751	Apollo applications - A progress report	1967
19690072772	Phoebus-2 Materials Final Report	1967
19690072830	Game value distributions, part 1	1967
19690072905	Saturn 5 AS-504 launch vehicle reference trajectory, volume 1	1967
19690072906	Saturn 5 AS-504 launch vehicle reference trajectory, volume 2, book 1	1967
19690072907	Saturn 5 AS-504 launch vehicle reference trajectory, volume 2, book 2	1967
19690072908	Saturn 5 AS-504 launch vehicle reference trajectory, volume 2, book 3	1967
19690072909	Saturn 5 AS-504 launch vehicle reference trajectory, volume 2, book 4	1967
19690072994	Study of solid state integrated microwave circuits	1967
19690072996	Study of solid state integrated microwave circuits	1967
19690072998	Study of solid state integrated microwave circuits	1967
19690073002	Lunar mission targeting table evaluation	1967
19690073039	Saturn 5 launch vehicle flight dynamics analysis, SA-504	1967
19690073043	Controlling the output of mechanized retrieval systems - An empirical test of the NASA Thesaurus	1967
19690073503	Development of Saturn 5 radio flame effects prediction Final report	1967
19690074296	Lunar exploration program study	1967
19690074388	Computer programs for calculating general relativistic curvature tensors	1967
19690075314	Automated lander missions	1967
19690075316	Secondary zinc-oxygen cell for spacecraft applications Quarterly report, 23 Jun. - 23 Sep. 1967	1967
19690075374	Solder study conducted on Apollo telescope mount gyro processor	1967
19690075460	Lunar resources - A study of surface mining Final report, 22 May 1965 - 31 Jan. 1967	1967
19690075765	Post-wrinkling analysis of highly pressurized cylindrical and conical shells of revolution subjected to bending loads. Volume 1 - Theory and computer program description	1967
19690075766	Post-wrinkling analysis of high pressurized cylindrical and conical shells of revolution subjected to bending loads. Volume 2 - Computer program listing	1967
19690075777	The surface of the moon. A review of the findings of the unmanned lunar exploration programs - 1959-1967	1967
19690075832	Flight time and mass fraction data for out-of-ecliptic missions utilizing low-thrust propulsion	1967
19690075845	Photochemical Addition of Polyhalogenomethanes to Olefins	1967
19690076036	Human factors suitability of the Gravitational Acceleration Simulation Suit /GASS/ Final report. Volume 2 - Test subject data sheets	1967
19690076157	Human factors suitability of the Gravitational Acceleration Simulation Suit /GASS/, volume 1 Final report	1967
19690076209	An integral method for three-dimensional, compressible, laminar layers with mass injection	1967
19690076213	Experimental study of the starting process, flow duration, and nozzle boundary layer	1967
19690076678	A fast response frequency-to-analogue converter employing a period-measuring technique	1967
19690076685	Optical radar measurements of atmospheric backscattering /40-100 km/	1967
19690076693	The present situation and the prospects of analog computers	1967
19690076696	Spin relaxation of optically pumped rubidium in a homogeneous magnetic field	1967
19690076697	Vibration transient analysis /VITRAN/ program user's manual	1967
19690076701	High-speed taxiing and braking trials of a Beverley aircraft on a runway covered in wet snow, crisp snow and shallow slush	1967
19690076706	The lubrication of equipment at high and very high temperatures	1967
19690076717	Generation of Short Optical Pulses by Mode Locking of He-Ne Laser	1967
19690076725	Advanced engine aerospike experimental investigation performance program Monthly status report, Aug. 1968	1967
19690076729	An investigation of Rayleigh scattering on macromolecules	1967
19690076736	Apollo 4 /AS-501/ problem reporting summary at KSC	1967
19690076743	Research and design of a practical and economical dielectrophoretic system for the control of liquid fuels under low gravity environmental conditions Final report, 5 Jan. 1966 - 31 May 1967	1967
19690076751	Analytical results for transonic flow fields in rocket motors	1967
19690076764	Temperature measurement by a tandel	1967
19690076768	Design, development, and fabrication of an experimental high-temperature, high-frequency response pressure transducer. Phase 3 - Optimization of design and operation Summary report, 1 Jun. 1966 - 31 Jul. 1967	1967
19690076772	Fluidic control system for recoverable booster Design report	1967
19690076792	Study of a clutch-operated power screw actuator for space application, phases 3-5 Final report	1967
19690076797	Experimental and analytical study of the behavior of thermal protection systems in convective heating, radiative heating and shear stress environments	1967
19690076815	Evaluation of nap-of-the-earth flight with XH-51A compound helicopter over various types of terrain	1967
19690076845	An investigation of the oxidizer flow passages in a dual-combustion liquid rocket engine	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690076861	Study of catalytic decomposition of carbon monoxide on pure iron, mild steels and alloyed steels. Project Dragon	1967
19690076866	Studies of the influence of metallurgical condition and surface finish on the oxidation behavior of a 20 percent Cr-25 percent Ni-Nb stainless steel in carbon dioxide	1967
19690076877	Metal powders of high degree of fineness	1967
19690076880	Engineering method for determining the complex radiation diagram of reflector antennas, part 1	1967
19690076927	LMSC/HREC boundary layer computer program - Theory	1967
19690076935	Research and development on fuel cell technology Quarterly progress report, 20 Apr. - 20 Jul. 1967	1967
19690076936	High intensity illumination from mantles Final report, 1 Jul. 1966 - 30 Jun. 1967	1967
19690076946	Dependence of the climatic turbulence coefficient on height at different sky coverage	1967
19690076966	Plutonium recycling Research letter	1967
19690076967	Preliminary summary of the estimated costs of reprocessing and refabrication of HTR fuels. Project Dragon	1967
19690076977	Saturn fire detection system Final report	1967
19690077002	Changes of the structure and properties of soft carbon steels cyclically stressed under the fatigue limit	1967
19690077026	The manufacture of plutonium fuelled fission product retaining coated particles for irradiation in the Dragon reactor experiment. Project Dragon	1967
19690077065	Ordnance Aerophysics Laboratory /U/ Progress report, 1 Oct. - 31 Dec. 1967	1967
19690077073	Reentry Vehicle Technology and Observables /RVTO/ phase 1A program Quarterly progress report, 1 Jul. - 30 Sep. 1968	1967
19690077088	Method of manufacturing ferromagnetic layers by vaporization onto plane substrates	1967
19690077112	Mimosa - Mission modes and system analysis for lunar exploration Final presentation, Jan. 1966 - Mar. 1967	1967
19690077122	A study of the interaction of electromagnetic waves with flames Final report, 1 Feb. 1966 - 30 Jun. 1967	1967
19690077129	Comparative investigations on the filtration efficiency of membrane filters	1967
19690077130	Impulse converter for adapting a diffused light particle counter to a multiple channel analyzer	1967
19690077133	The high-temperature corrosion of Nimonic-75 and various steels in gases at low partial pressures	1967
19690077134	Study of the influence of long measuring cables on frequency response, input impedance phase shift, and attenuation Final report	1967
19690077143	Application of laser for spectral analysis	1967
19690077166	J-2X experimental engine /U/ Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19690077190	Saturn 5 low density plume impingement test. Volume 1 - Test description and data presentation Final report	1967
19690077214	Research study on development of conformal coating material and potting compound for high frequency circuitry Final report	1967
19690077217	Calculation of joints incorporating tangential keys	1967
19690077233	High temperature irradiation experiments on plutonium-bearing coated particle fuel. Project Dragon	1967
19690077265	Fire control feasibility study Final report	1967
19690077311	Vacuum sputtering process for chromium plating titanium alloys, phase 2 Final report	1967
19690077316	Range operations division	1967
19690077342	Interaction of gases with metal surfaces	1967
19690077345	Pneumatic logic elements and associated peripheral devices	1967
19690077346	Pneumatic logic elements and associated peripheral devices	1967
19690077347	Realization of any desired type of storage unit with the aid of components from a newly developed pneumatic logic system	1967
19690077348	Homogeneous microelectronic structures and new principles for the manufacture of logical and sequential installations	1967
19690077363	The influence of angular and linear acceleration and thermal stimulation on the human semicircular canal	1967
19690077368	Study of a Mars surface sample and return probe launched from a manned Mars flyby. Volume 2. Technical analyses	1967
19690077369	Study of a Mars surface sample and return probe launched from a manned Mars flyby. Volume 1. Summary results and conclusions	1967
19690077373	On the reduction of complexity of linear dynamical models, results of computer studies	1967
19690077376	The Canadian Forces Observer, volume 13, no. 3	1967
19690077377	Simplified in-flight maintenance	1967
19690077378	Navigation systems for civil aircraft	1967
19690077379	The merits of the high-speed cruise	1967
19690077413	An evaluation of a method to extend the service life of aircraft landing gears	1967
19690077423	Performance of the Apollo block 2 environmental control system radiators on earth orbital AAP missions	1967
19690077428	Meteorological radar in the service of aviation	1967
19690077429	Geodetical applications of the Hunor 131 calculator	1967
19690077438	Analytical inertial platform error model simulation program user's manual	1967
19690077446	Stabilized steels resistant to corrosion cracking	1967
19690077467	Magnetic Q-factors of paramagnetic maser crystals	1967
19690077483	Some experiments on cold frictional binding of aluminum and copper sheets	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077520	Mediterranean communications system 486l, part 2 Final test report	1967
19690077555	Electronic scanning pencil beam antenna /U/ Quarterly report, 1 Jan. - 31 Mar. 1968	1967
19690077584	Computation of the heat cycles of internal combustion turbines by a computer	1967
19690077588	The formation of radioisotopes through the neutron-gamma reaction	1967
19690077599	Influence of the degree of unit deformation on the inhomogeneity of plastic deformation during upsetting in forging	1967
19690077600	Application of the potential polarization in the study and in the metallography of corrosion resistant steels	1967
19690077605	Takeoff with one engine running	1967
19690077606	On the problems of vacuum engineering in the preparation of thin films	1967
19690077753	Tests to establish the jet engine noise reduction attributable to the various components of a Cullum noise muffler Technical report, Dec. 1964 - Apr. 1965	1967
19690077769	Preproduction tests of two 6.0 ampere-hour and two 7.0 ampere-hour, type MS90447-2, 22.7 volt, nickel-cadmium aircraft storage batteries manufactured by Sonotone Corporation	1967
19690077770	Meteorological observations in Canada Monthly record, Dec. 1967	1967
19690077780	Investigations on obtaining spherical uranium dicarbide particles from uranium dioxide	1967
19690077782	The numerical solution of one class of nonlinear integral equations of dispersed type	1967
19690077854	Aircrew respiratory protection Final report, 1 Feb. 1966 - 1 Nov. 1967	1967
19690077855	Reliability of automatic elements and devices	1967
19690077881	Operation, application and production of fluid logic elements and amplifiers	1967
19690077887	Welding with an electron beam	1967
19690077888	The influence of lubrication on high-pressure sealing materials	1967
19690077889	Gas chromatography, 1965	1967
19690077890	On the problem of entropy increase	1967
19690077951	Transformation with homogenization of the machine coordinates by using analog strip and block aerial triangulation	1967
19690077954	Pneumonics. A competitor of electronics	1967
19690077964	Synchronous and asynchronous realization of the two-level binary adder	1967
19690077989	Engineer design test of mobility test article, 4X4, block 1 of NASA lunar surface vehicle studies /hard surface phase/	1967
19690077991	Component improvement program overrunning test report, model CPS-02, S/N299, AF type STU 11 A/34, cartridge-pneumatic starter	1967
19690077996	Multi-spectral tracking telescope for the Apollo applications program Final report	1967
19690078003	Astrodynamics Conference. Volume 2 - Orbit determination session	1967
19690078004	Investigation of techniques for improving Saturn 5 RF tracking and ranging systems Interim report	1967
19690078014	The application of the Z-transformation for scientific-technical calculations in telecommunication engineering	1967
19690078025	Proceedings of the conference on the applications of plasma studies to reentry vehicle communications, volume 1	1967
19690078026	Reentry vehicle flow field prediction	1967
19690078027	Relation between plasma knowledge and flight data	1967
19690078028	The use of chemical additives for the alleviation of the plasma sheath problem	1967
19690078029	Chemical effects of injectants in ionized air	1967
19690078030	Studies of microwave transmission through the hypersonic air plasma about a blunt wedge	1967
19690078031	Systems approach to the reentry communications problem	1967
19690078032	Reentry induced plasma effects on antennas	1967
19690078033	Effects of reentry vehicle environment on antenna performance	1967
19690078034	Antenna breakdown phenomena in reentry plasmas	1967
19690078035	Radio propagation in reentry plasmas	1967
19690078036	Antenna noise level and impedance in a reentry environment - Flight test results using a Trailblazer reentry vehicle and some related laboratory studies	1967
19690078037	The Trailblazer 2 reentry communications program and some recent test results	1967
19690078068	Proceedings of the GISAT 2 symposium, volume 2, part 1	1967
19690078069	Motion parameters from scattering matrix measurements	1967
19690078070	Eddy current torques and motion decay on rotating shells	1967
19690078071	Comparison of selected radar cross section measuring facilities	1967
19690078072	Scattering from finite cylinders by source distribution techniques	1967
19690078073	The conducting spheroid as an RCS standard reference	1967
19690078074	Interpretation of the physical optics approximation in the time domain	1967
19690078075	Scattering by edges - The hemisphere	1967
19690078076	A transient approximation for the backscatter by a rectangular parallelepiped	1967
19690078077	Short pulse scattering range	1967
19690078078	Direct and inverse short-pulse scattering	1967
19690078079	The General Electric Company short pulse model range facility	1967
19690078080	Impulse scattering measurements	1967
19690078081	Numerical evaluation of geometrical optics radar cross section	1967
19690078082	Some notes on short-pulse target identification	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078083	Theoretical determination of target geometry from short pulse data	1967
19690078084	Inverse scattering in the geometric optics limit	1967
19690078085	Method to determine the scattering centers from the backscatter pattern of a body	1967
19690078086	On the design of a large aperture radar for target imaging	1967
19690078087	Drag induced errors in predicted satellite orbits	1967
19690078088	Satellite ballistic parameter determination using a dynamic atmospheric density model	1967
19690078089	The plane wave representation and the inverse scattering problem	1967
19690078090	Determination of shape and size of non-axisymmetric conducting targets by geometrical optics	1967
19690078091	The relation of creeping wave phenomena to the shadow-zone geometry	1967
19690078092	Formal solutions for inverse scattering problems	1967
19690078093	A different and more direct approach to the inverse edge backscattering problem	1967
19690078094	Inverse scattering and the Minkowski problem	1967
19690078095	Progress at Cloudcroft on satellite surveillance	1967
19690078096	Wavefront-reconstruction techniques for imaging with lasers	1967
19690078097	Image processing of Pegasus satellite photographs	1967
19690078098	Measurement of polarized light from space objects	1967
19690078099	Photometric measurement of satellite characteristics	1967
19690078100	Solutions of certain system problems in wideband radar	1967
19690078101	Antenna technology development for millimeter wave mapping	1967
19690078102	A high-resolution approach to satellite identification	1967
19690078103	Large time-bandwidth modulation experiments at 94GHz	1967
19690078104	Coherent optical adaptive technique - High resolution radar concept	1967
19690078135	Fluctuation errors of Doppler sensors at low velocities	1967
19690078237	A study of cryogenic propellant stratification reduction techniques. Volume 1 - Analytical and experimental studies Annual report, May 1966 - Jul. 1967	1967
19690078238	Study of cryogenic propellant stratification reduction techniques. Volume 2 - Computer programs Annual report, May 1966 - Jul. 1967	1967
19690078259	Combustion instability of solid propellents - Initial T-burner experiments on colloidal propellents	1967
19690078330	The Lunar Module abort guidance system	1967
19690078336	Results and development trends in automation and technical cybernetics in Hungary	1967
19690078349	Transformation of the MI-1305 mass spectrometer	1967
19690078353	Review of electronics	1967
19690078354	He-Ne laser of small dimensions	1967
19690078355	Heads of high energy neodymium laser	1967
19690078357	Optical line eliminator Technical report, 16 Jun. - 15 Sep. 1967	1967
19690078360	Civil aircraft airworthiness data recording programme - The recording system on super VC 10 aircraft	1967
19690078381	Endoatmospheric decoy technology program /U/ Semiannual progress report, 1 Jul. - 31 Dec. 1967	1967
19690078413	Evaluation of the usefulness of the MOL to accomplish early NASA mission objectives. Volume 4. Vehicle electronics	1967
19690078416	An experimental study of heat release rates during the expansion of dissociated combustion products	1967
19690078420	Consumption of oxygen, elimination of carbon dioxide, pulse rate and body temperature in persons at rest in a high environmental temperature	1967
19690078421	The possibility of improving characteristics of a dynamic vibration absorber in the presence of a rotating centrifugal force	1967
19690078445	Model didactic digital machine STS-3	1967
19690078446	Contribution to the theory of an ideal elastic-plastic body	1967
19690078447	Quantization noises in analog-digital-converters for pulse code modulation	1967
19690078448	Improved operational control circuit for the ANCA computer	1967
19690078451	Gas lasers	1967
19690078464	The turbo helicopter built by the WSK at Swidnik /Poland/. Further steps in the development of aviation techniques in Poland	1967
19690078476	Methods of designating the time constant of a single shaft turbojet engine	1967
19690078477	Mechanism of long-range, reversible amplification fluctuations in photomultipliers	1967
19690078478	Adaptation of xenon-discharge lamp to solid-state lasers	1967
19690078530	Waste heat in liquid spherical bursters	1967
19690078558	Calculation of radiant heating by inhomogeneous hot gases Final report	1967
19690078614	The organization of the work in constructing the original of a map with standing instruments	1967
19690078634	Electrodeposited rolling diaphragm expulsion devices Final report	1967
19690078651	Indicators of ultraviolet radiation based on type FSK-M1 photoresistors	1967
19690078724	Aircraft landing gear static ground - Final value engineering study 1967-B	1967
19690078740	Development of an 80 mm image intensifier tube with motion compensation /U/ Final technical report, 8 Jan. 1965 - 7 Feb. 1967	1967
19690078748	Review of lunar landing mission. Part 2 - Earth launch to lunar touchdown	1967
19690078749	Overall mission description	1967
19690078750	Launch posture	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078751	Launch-phase operations	1967
19690078752	Spacecraft checkout and decision for translunar injection	1967
19690078753	S-4B checkout in earth orbit	1967
19690078754	Translunar injection	1967
19690078755	Translunar coast	1967
19690078756	Lunar orbit insertion go-no-go criteria	1967
19690078757	Monitoring and flight dynamics of lunar orbit insertion	1967
19690078758	Lunar module activation and checkout	1967
19690078759	Lunar orbit operations and lunar module descent	1967
19690078760	Medical operations	1967
19690078761	Consumable control of the command and service module cryogenic oxygen and hydrogen system	1967
19690078762	Review of lunar landing mission. Part 3 - Lunar landing through earth recovery	1967
19690078763	Lunar module internal activities on the lunar surface	1967
19690078764	Sequencing of lunar surface missions	1967
19690078765	Lunar surface medical operations	1967
19690078766	Extravehicular activities for the first lunar landing mission	1967
19690078767	Lunar ascent and rendezvous flight dynamics	1967
19690078768	Lunar ascent and rendezvous onboard operations	1967
19690078769	Transearth injection through earth landing	1967
19690078770	Crew training and simulation	1967
19690078771	Mission rules development for lunar landing mission	1967
19690078776	The use of ice sheets for take off and landing	1967
19690078882	Development of a selectively radiating infrared source Final report, 7 Mar. 1966 - 8 Jun. 1967	1967
19690078939	Antelope reliability verification test procedure on BuWeeps part number 2360603, transistor, general purpose, n-p-n	1967
19690078958	Beryllizine propellant performance evaluation /U/ Final report, Oct. 1962 - May 1967	1967
19690079136	Three dimensional vibrational modes of the Apollo CSM/LM docked vehicle	1967
19690079141	Three dimensional vibration modes for full fuel CSM/LM docked vehicle	1967
19690079175	Emergency propulsive propellant venting systems concepts Quarterly progress report, 1 Oct. - 31 Dec. 1967	1967
19690079248	Mechanical impedance study of sandwich panels in large stiffened cylinders	1967
19690079262	Method of dimensional points in application to flat and spatial curves	1967
19690079278	AeroChem charged species kinetics computer program	1967
19690079280	Evaluation of slow release mechanism and holddown arms of the Saturn 5 vehicle, revision A	1967
19690079289	A dynamical theory of elastic directed curves	1967
19690079310	Some aspects of friction and wear in the case of lubricating with molybdenum disulfide	1967
19690079316	Electrostatic space engines	1967
19690079355	History of the Start program and the SV-5 configuration. Volume 1 - Narrative /U/	1967
19690079418	Improvement of techniques for the derivation of vibration test specifications Final summary report, 18 Apr. 1966 - 31 Oct. 1967	1967
19690079422	Simulation of a facility for zero and low gravity environments	1967
19690079460	Program to design, demonstrate, and deliver 100 solid rocket motors /1/58 scale 120-inch-diameter/ for use in model testing of uprated Saturn 5 launch facility	1967
19690079464	A three-dimensional radiation program for the Saturn S-2 stage Engineering report no. 1470	1967
19690079470	Measurement of the Doppler effect in U-238 in Zebra assemblies 6 and 7 by an activation technique	1967
19690079481	Iteration of analytic mappings of several complex variables	1967
19690079494	The AeroChem nonequilibrium streamline program with application to rocket nozzles and exhaust plumes	1967
19690079512	Low altitude test 4.1 visual target acquisition. Volume 2 - Field test description	1967
19690079515	Time-limited signal representation and analysis by using non-Fourier techniques	1967
19690079542	ATM sun-end film retrieval Technical report, 8 Jul. - 5 Sep. 1967	1967
19690079550	RADC reliability notebook, volume 2 Final report, 29 Apr. - 3 Dec. 1966	1967
19690079601	The BNL program on corrosion by liquid sodium	1967
19690079611	A computer-controlled calibrator for radio-frequency receivers system construction and operation	1967
19690079629	N _{3n} processes and the statistical theory	1967
19690079630	Dimensional changes of graphite specimens irradiated in Dragon fuel element 700	1967
19690079655	A tubular radiation source energized by gaseous combustion in a confined vortex Final report, 19 Sep. 1966 - 19 Oct. 1967	1967
19690079674	A computer-controlled calibrator for radio-frequency receivers system description and programming	1967
19690079761	Certain conclusions from calculations for the axially symmetric approximation of flow through the impeller disk of a radial flow compressor including allowance for friction	1967
19690079799	Teletype waveform receiving system	1967
19690079830	Basic studies on the growth of carbon deposition from carbon monoxide on a metal catalyst Annual report, 1 Mar. 1966 - 28 Feb. 1967	1967
19690079894	Canadian Materials Newsletter no. 32	1967
19690079935	Dry tape battery concept	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079941	Theory of gyrotropic birefringence	1967
19690079959	Fabrication of an atmosphere regeneration system Final report, Jul. 1966 - Dec. 1967	1967
19690080009	Mars planning charts	1967
19690080020	A study of the mechanical properties and strain-age cracking of Rene 41 for F-1 rocket engine applications Technical report, 14 Dec. 1966 - 14 Jun. 1967	1967
19690080041	Lecture series in modern analysis and applications. Session 1. Modern methods and new results in complex analysis	1967
19690080043	Saturn 5/S-4B stage synchronous orbit capability study. Volume 1 - Summary report	1967
19690080044	Saturn 5/S-4B stage synchronous orbit capability study. Volume 2 - Final report	1967
19690080149	Infrared radiation measurements of combustion gases Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19690080405	Two-phase, annular-mist flow	1967
19690080421	The hovering performance of a circulation- controlled lifting rotor	1967
19690080698	Nimbus 2 operational programs Final report, 4 Jan. 1965 - 7 Jan. 1966	1967
19690080699	Nimbus 2, orbits 4400 to 4862 Monthly flight evaluation report, 10 Apr. - 15 May 1967	1967
19690080700	Nimbus 2, orbits 4001 to 4400 Monthly flight evaluation report, 11 Mar. - 10 Apr. 1967	1967
19690080701	Nimbus 2, orbits 3601 to 4000 Monthly flight evaluation report, 10 Feb. - 10 Mar. 1967	1967
19690080702	Nimbus 2, orbits 3201 to 3600 Monthly flight evaluation report, 10 Jan. - 9 Feb. 1967	1967
19690080703	Nimbus 2, orbits 2801 to 3200 Monthly flight evaluation report, 11 Dec. 1966 - 10 Jan. 1967	1967
19690080707	Launch vehicle aerodynamic design criteria monograph. Ascent flight drag	1967
19690080708	Launch vehicle aerodynamic design criteria monograph. Ascent flight stability	1967
19690080724	Launch vehicle aerodynamic design monograph. System analysis aerodynamics	1967
19690080867	Electromagnetic Compatibility /EMC/ and grounding requirements for facilities	1967
19690080871	Simulation of a digital-coded pulse processor for angle estimation Research and development report, Dec. 1965 - Dec. 1967	1967
19690080902	Functional description of the attitude control subsystem for Nimbus D	1967
19690080984	Coaxial system for the measurement of the dielectric properties of solids and liquids between 0.7 and 3.7 GHz	1967
19690081463	Study of cryogenic propellant stratification reduction techniques Quarterly progress report, 1 Nov. 1966 - 31 Jan. 1967	1967
19690081464	Study of cryogenic propellant stratification reduction techniques Quarterly progress report, 1 Feb. - 30 Apr. 1967	1967
19690081465	Study of cryogenic propellant stratification reduction techniques Quarterly progress report, 17 Jul. - 30 Sep. 1967	1967
19690081472	Flammability and outgassing test on non-metallic materials used in LM habitable area	1967
19690081575	An empirical equation of state for carbon dioxide covering a wide range of temperature and pressure	1967
19690081578	Some aspects of the catalytic decomposition of concentrated hydrogen peroxide /HTP/ by silver. Part 10 - Decomposer tests using HTP at concentrations up to 98 percent w/w	1967
19690081794	The effect of temperature during neutron irradiation on subsequent deformation in the Zr-2.5 wt percent Nb alloy	1967
19690081824	Resistance welding 4 and micro-fusion methods	1967
19690081840	Advanced workshop in low orbit C	1967
19690081949	Real-time damage detection and assessment study - Holography techniques. Volume 2 - Military applications /U/ Final report, 22 Jan. - 22 Jul. 1967	1967
19690081977	On the integration of functions specified only as discrete data points, with special reference to the processing of wind tunnel pressure measurements	1967
19690082001	IMP F and G aspect determination system	1967
19690082104	Assessment of materials for use as nozzle inserts in solid propellant rocket motors. Part 5 - Tungsten	1967
19690082174	The effect of rolling temperature on the texture developed in rolled zirconium rich alloys	1967
19690082362	Large solid propellant motors in launch vehicles	1967
19690082365	A survey of methods of demand forecasting	1967
19690082418	Development of highly reliable soldered joints for printed circuit boards Progress report, 1-31 Oct. 1967	1967
19690082514	Half millimeter "backward wave oscillator" Final technical report	1967
19690082621	Lunar surface scientific mission simulation. Volume 1 - Summary technical report Final report	1967
19690082622	Lunar surface scientific mission simulation. Volume 2 - Detailed technical report Final report	1967
19690082626	Exploding bridgewire initiator design improvement Final report	1967
19690082761	Study of synthesis and characterization of linear and cross-linked polydimethylphosphonitrile polymers for development as thermal control materials Annual report, 6 Dec. 1966 - 5 Dec. 1967	1967
19690082801	Contribution to the study of the phase equilibrium diagram of the ternary system copper-niobium-tantalum	1967
19690082802	Aviation engineering /selected articles/	1967
19690082803	Stabilizing installation for helicopters with multiplate rotors	1967
19690082804	Installation stabilizing a helicopter and controlling the rpm of its rotor for the purpose of automatic changing into auto-rotation	1967
19690082808	Polytechnic Institute, Breslau. Scientific papers, no. 7, 1964 /selected articles/	1967
19690082809	Resistance characteristics of thin chromium layers	1967
19690082810	Optical coefficients of thin chromium layers obtained by thermal sublimation in vacuum	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082811	Evolution in a close binary system. Part 2 - The origin of white dwarfs by mass exchange	1967
19690083054	Investigation of the formation and behavior of clogging material in earth and space storable propellants Interim report, 9 Jan. - 9 Oct. 1967	1967
19690083128	Conference on life support equipment - Proceedings	1967
19690083129	Aspects of aircraft and crew vulnerability	1967
19690083130	Army Materiel Command research programs for aircraft and aircrew survivability	1967
19690083131	Life support equipment in Army aircraft	1967
19690083132	Life support design features on the AAFSS	1967
19690083133	Individual life support equipment	1967
19690083134	Sound protection for ground crewman and crash rescue equipment	1967
19690083135	Training aspects	1967
19690083136	Current CONUS survival and escape and evasion training. Part 1 - CONARC unit training for survival. Part 2 - CONARC individual training for survival	1967
19690083196	Ice-type identification by radar - NASA/MSO Mission no. 47, Site 93, Point Barrow, Alaska Preliminary mission analysis report	1967
19690083198	Analysis of components in biological fluids in a gravity free environment emphasizing procedures suitable for use in an orbiting laboratory Final progress report, 1 Sep. 1966 - 30 Nov. 1967	1967
19690083207	Fast reactor fuel development program Progress report, 1 Jul. - 30 Sep. 1967	1967
19690083254	Life tests of high temperature silicon germanium thermoelectric modules /U/ Interim report, 1 Mar. 1966 - 30 Mar. 1967	1967
19690083266	Acoustic scattering from surfaces with controlled wave spectra	1967
19690083268	Field infrared analysis of terrain Semiannual report, 1 Nov. 1966 - 30 Apr. 1967	1967
19690083369	Computer simulation of Professor Gabor's speech compression system	1967
19690083372	HS 303 satellite system equipment for Goonhilly - Waveguide feeders	1967
19690083373	The calibration of a general radio transfer function and emittance bridge in the frequency range 30-1,000 MHz	1967
19690083427	CNEN activity report for 4th quarter of 1967	1967
19690083428	Fast reactor fuel development program Progress report, 1 Jun. 1965 - 31 Dec. 1967	1967
19690083523	Boundary-layer problems of 1967	1967
19690083808	Saturn 1B/Minuteman study and preliminary design. Volume 2 - Study	1967
19690083809	Saturn 1B/Minuteman study and preliminary design. Volume 3 - Preliminary design	1967
19690083810	Saturn 1B/Minuteman study and preliminary design. Volume 4 - Contract end item detail specification /prime equipment/ CP01S60C16014	1967
19690084288	Logarithmically-periodic aeriels	1967
19690084289	HS 303 satellite system equipment for Goonhilly - SHF/IF conversion equipment, radiated power monitor and Leswidden beacon source	1967
19690084295	Establishment of standards for compatibility of printed circuit and component lead materials Final report	1967
19690084713	A design study of two- and three-mirror completely reflecting astronomical telescopes	1967
19690084732	Cracked solder joint investigation Status report	1967
19690084739	Preliminary results Evaluation of potential fixes for cracked solder joints	1967
19690084850	Saturn 1B/Minuteman study and preliminary design Final presentation	1967
19690085309	Interconnection failures on the DODGE solar panels	1967
19690085310	Shadow study of OSCAR solar panels	1967
19690085351	Separation characteristics of the BLU-52 bomb from the F4C aircraft Final report	1967
19690086086	Launch facilities and operations for large solid motors study. Volume 1 - Technical Final report	1967
19690086156	Apollo/Saturn 5 launch complex 39, mobile launcher service arms operations and maintenance. S-4B forward service arm system, 75M15507	1967
19690086180	Evaluation of coil at low and high temperatures Final report	1967
19690086488	C-3 engineering evaluation test procedure for BUWEPS part number 2760014, integrated circuit triple three input gate	1967
19690086490	C-3 engineering evaluation test procedure for BUWEPS part number 2760014, integrated circuit triple three input gate	1967
19690086492	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Apr. - 13 May 1967	1967
19690086493	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Feb. - 13 Mar. 1967	1967
19690086495	Research and development on superconducting thin films Monthly progress report, Jun. - Jul. 1967	1967
19690086496	Joining of refractory / austenitic bimetal tubing Monthly letter report, 14 May - 13 Jul. 1967	1967
19690086500	Research and development on superconducting thin films Monthly progress report, Aug. - Sep. 1967	1967
19690086509	Integrated subsystems test for an Apollo block 2 ECS radiator subsystem	1967
19690086510	Evaluation of pulse transformer d34001758	1967
19690086511	Model 2212A voltage to frequency converters	1967
19690086514	Evaluation of electron tube Machlett EE59Y per GE/LMED drawing 7528329P1	1967
19690086516	Failure analysis report on transducer, dimension, linear voltage	1967
19690086518	C-3 engineering evaluation test procedure for BUWEPS part number 2760013, integrated circuit dual four input gate	1967
19690086520	Helium pressure regulator	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086521	Failure analysis report on transducers, pressure, gas, voltage	1967
19690086522	Apollo CSM high gain antenna subsystem	1967
19690086527	Metallographic examination of test panels of 4340, D6AC and H-11 drilled and reamed after heat treatment	1967
19690086528	Lot acceptance data - 100 percent processing, sample acceptance testing	1967
19690086529	Antelope reliability verification test procedure for BuWeps part number 2360633-1	1967
19690086530	Estimation of transfer functions in the presence of noise	1967
19690086533	C-3 engineering evaluation test procedure for BuWeps part number 2760014, integrated circuit triple three input gate	1967
19690086534	Three each Nytronics variable coil R.F., part number L506000020	1967
19690086536	Antelope reliability verification test procedure for BuWeps part number 2350700-1, transformer, power	1967
19690086537	Evaluation test report on toroidal cores	1967
19690086538	Evaluation tests of Fairchild linear integrated circuit F mu 5B770931	1967
19690086540	Evaluation of sound damping materials for aircraft applications	1967
19690086542	Antelope reliability verification test procedure for BuWeps part number 2360700-1	1967
19690086543	Qualification test on transformer, power, general purpose, enclosed 400 Hz	1967
19690086544	Component parts evaluation report on semiconductor diode, rectifier, silicon	1967
19690086545	Component parts evaluation report	1967
19690086546	Reliability tests on capacitors disc ceramic	1967
19690086548	Component parts evaluation report	1967
19690086549	Torque level for joining polycarbonate sheets to give minimum stress and compression set	1967
19690086551	Component part evaluation report on relay 1/2-1 amp., hermetic seal, 1-30 VDC, sensitive, DPDT	1967
19690086552	Evaluation of Allegheny-Ludlum Almar 362 alloy Final report	1967
19690086553	Titanium Castings for Airframe Structural Applications	1967
19690086554	Structural composites - Advanced design concepts for composite structures Technical management report no. 4, 1 Mar. - 31 Aug. 1967	1967
19690086555	Comparison force measurement of 2 types wire wrap modules - Alum and plastic base	1967
19690086559	Development of fused slurry silicide coatings for the elevated-temperature oxidation protection of columbium and tantalum alloys Progress report, 1 Apr. - 31 Jul. 1967	1967
19690086560	Liquid propellant thermal conditioning system Quarterly progress report, 31 Jul. - 31 Oct. 1967	1967
19690086566	Research on silicon carbide whisker-metal matrix composites Quarterly progress report, 1 Sep. - 1 Dec. 1967	1967
19690086567	Study of kinetics of alkali metal deposition and dissolution in nonaqueous solutions Quarterly report, 16 May - 15 Aug. 1967	1967
19690086579	C-3 engineering evaluation test procedure for BuWeps part number 2760016, integrated circuit dual four input buffer	1967
19690086595	The 19-9 DL-annealed sheet strip and tubing corrosion	1967
19690086597	Handle, flexible on hardware, drawer part, handle, flexible, nylon	1967
19690086598	Antelope reliability verification test procedure for BuWeps part number 2360644-2	1967
19690086599	Adhesion and corrosion resistant properties of brush silver plating deposited over a nickel plate and/or gold strike	1967
19690086600	Optimization and evaluation of chromium composites Quarterly progress letter no. 4	1967
19690086611	Digital programs for establishing steady-state space condenser performance	1967
19690086612	Failure analysis report on semiconductors, diode, fast switching computer	1967
19690086613	Evaluation of a field-effect current regulator diode	1967
19690086616	Contamination control at Sandia laboratories	1967
19690086617	Transistor n-p-n silicon switching	1967
19690086621	Final hardware report ATS program SCNS experiment	1967
19690086623	Investigation of mechanical properties of two high temperature, high strength phenolic pre-pregs Final report	1967
19690086644	Oxidation and chemiluminescence of tetrakis/dimethylamino/ethylene. Part 2 - Kinetics and mechanism of the 1 octanol-catalyzed autoxidation	1967
19690086649	Failure analysis report on valve, gas, NOC, 1000 psig, multifunction, poppet, solenoid	1967
19690086652	Film resistor evaluation test, TI CS 1/8	1967
19690086654	Room and elevated temperature shear strengths of Ti-6Al-6V-2Sn Hi-Lok fasteners, STSAF009	1967
19690086667	Final Test for Semiconductor Diode, Silicon Voltage Variable Capacitance	1967
19690086678	Semiannual report, 1 July - 31 December 1967	1967
19690086683	Multiple power organic combined rotating unit Quarterly technical report, 1 Feb. - 1 May 1967	1967
19690086684	Orbital fuel cell system	1967
19690086696	Qualification testing of a diode for use in the ICWAR radar Final report	1967
19690086697	Evaluation tests on rotary switches, type KE 30 degrees, 8 sections	1967
19690086698	Vacuum arc thruster program /project Vat/ Final report, 15 Jan. - 16 Jul. 1967	1967
19690086713	Apollo applications program study of utilization of LM for advanced applications Bimonthly progress report, Nov. - Dec. 1966	1967
19690086714	The 1965 production support program Final report	1967
19690086716	Dos and don'ts for structureborne noise reduction and control	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086718	Hydraulic fluid filter element	1967
19690086719	Report of test on Crewman Optical Alignment Sight /COAS/	1967
19690086720	Report of test on Crewman Optical Alignment Sight /COAS/	1967
19690086721	Qualification of Torotel reactors per BuWeps drawing number X1557394	1967
19690086722	Tensile properties of an aluminized Mylar dacron fabric laminate Final report	1967
19690086724	Qualification test on variable, non-wirewound, lead-screw actuated resistors, military style RJ11, Allen-Bradley type RP	1967
19690086727	Engineering evaluation test procedure for BuWeps part number 2760016, integrated circuit dual four-input buffer	1967
19690086728	Engineering evaluation test procedure for BuWeps part number 2760016 integrated circuit, dual four-input buffer	1967
19690086732	Evaluation of "Taptite" self-tapping screws	1967
19690086735	Turcoform Maskant number 522 and Demask number 625	1967
19690086736	Filter assembly, gaseous and fluid	1967
19690086741	Handle, flexible, flat	1967
19690086746	Military Medical Journal, no. 1, 1967	1967
19690086747	Effect of high carbon dioxide concentrations upon human and animal organisms	1967
19690086748	Mode of action of coriolis accelerations on the cupuloendolymphatic system	1967
19690086749	Role of nutrition in the maintenance of vestibular stability of the organism	1967
19690086750	Distinguishing characteristics of optimum tree	1967
19690086752	C-3 engineering evaluation test procedure for BuWeps part number 2760013, integrated circuit dual four input gate	1967
19690086753	Acceptance test report on fixed capacitors	1967
19690086755	Failure analysis report on valve, cryogenic fluids, 0-100 psig, relief, poppet, pressure	1967
19690086756	Compatibility test-carbon dioxide absorber element material ECS item 1.14	1967
19690086757	NASA lunar module visual simulation study. Volume 2 - Lunar module rendezvous in earth orbit	1967
19690086758	Handle, flexible, flat 579R781, 579R405 Fawn Plastics	1967
19690086762	Research and development on superconducting thin films Monthly progress report, Sep. - Oct. 1967	1967
19690086767	TOIL - A two-material version of the OIL code	1967
19690086768	TOIL - A two-material version of the OIL code, addendum	1967
19690086776	Qualification, test procedure transistor, silicon, n-p-n, switching	1967
19690086779	Bourns 3007P potentiometer evaluation	1967
19690086781	Research on silicon carbide whisker-metal matrix composites Quarterly progress report, 1 Jan. - 1 Apr. 1967	1967
19690086786	Semiannual report, 1 January - 30 June 1967	1967
19690086787	Three-stage Potassium vapor turbine test Monthly progress report, 10 Apr. - 10 May 1967	1967
19690086788	Joining of refractory/austenitic bimetal tubing Monthly letter report, 14 Jan. - 13 Feb. 1967	1967
19690086789	Determination of biaxial creep strength of T-111 Tantalum alloy Monthly status report, 8 Mar. - 8 Apr. 1967	1967
19690086792	Material compatibility test no. 2 CO sub 2 absorber element - ECS item 1.14	1967
19690086793	Test of Roylyn Lindsey gauges	1967
19690086801	Quality maintenance and ultimate stress testing of safety relief valves	1967
19690086802	Inventory of U.S. Army studies and research with manpower and personnel implications	1967
19690086809	Failure analysis report on resistor, variable, wirewound, NOC, multiturn, linear, 5 volts	1967
19690086814	Qualification of Saratoga Industries transformer 7637485P2	1967
19690086824	Development of materials and materials application concepts for joint use as cryogenic insulation and micrometeoroid bumpers Quarterly progress report, Jul. - Sep. 1967	1967
19690086829	Military Medical Journal, no. 3, 1967	1967
19690086832	Translational energy distribution of electrons and positive ions in the plasma of microwave and high frequency discharges of He, Ne, and Ar	1967
19690086834	Acceptance text report on fixed capacitors	1967
19690086840	Qualification tests performed on capacitors for IBM Corp.	1967
19690086845	Elastomers and compliant materials for liquid rocket propellant application Quarterly progress report, 10 Feb. - 9 May 1967	1967
19690086847	Investigation of the effect of temperature on torque-retention of nylon-containing mechanical fasteners	1967
19690086848	Molding capabilities of Kapton film	1967
19690086849	Component parts evaluation report on capacitor, fixed tantalum, electrolytic solid electrolyte	1967
19690086851	Pressure switch test on C-3 hoist load cylinder	1967
19690086854	Qualification test report for Apollo electroluminescent panel /side display console, panel no. 5/	1967
19690086855	Qualification test program on four 8 inch propellant fill disconnect couplings	1967
19690086857	A gear evaluation, analysis, and refinement system	1967
19690086859	Test report on relay, crystal can, series 32 latching, D.P.D.T.	1967
19690086860	Transistor, PNP, silicon, controlled switch	1967
19690086861	Film resistor encapsulation test, Corning NS4	1967
19690086862	Qualification of units for use on the Apollo program Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086871	Irradiation effects on reactor structural materials Quarterly progress report, Aug.- Oct. 1967	1967
19690086892	Qualification testing of a circuit breaker Final report	1967
19690086901	Failure analysis report on bellows, cryogenic fluids, compound flow, 0-100 psig, soldered	1967
19690086903	Apollo service module engine performance analysis of the Apollo block 2 injector	1967
19690086904	Analysis of chamber blistering	1967
19690086905	Valve, solenoid normally closed, helium 5/8 inch	1967
19690086906	Rectifier, silicon controlled	1967
19690086912	Comparative test of JAN 2N2608 junction FET from several manufacturers	1967
19690086916	Summary of evaluation testing conducted on telemetry transmitters	1967
19690086917	Evaluation of computer instruments corp. Model 78 variable 20K potentiometer	1967
19690086918	C-3 engineering evaluation test procedure for BuWeps part no. 2760014, integrated circuit, triple three input gate	1967
19690086922	CL65 capacitor failures on Diana receiver STM	1967
19690086925	Reliability verification test procedure for BuWeps part number 2360628-1	1967
19690086928	Formal qualification test of the fuel tank relief valve DAC SCN 1A49591-533	1967
19690086929	Impact, flame, and hot wire tests vacuum jacketed lox line	1967
19690086930	Integrated packaging manual for shipboard electronic systems and equipments	1967
19690086934	Acceptance test summary no. 2557 LS8481-A-005 for semiconductors, diode, general purpose	1967
19690086935	Parachute subsystem performance flight test no. 99-1	1967
19690086939	Qualification and limited life qualification tests on 1 inch disconnect valves, vent, hydrogen	1967
19690086942	Current overload tests, 100-member bunch lay bundles	1967
19690086953	Structural test report on thrust bellows, 2nd stage, Athena	1967
19690086958	Component parts evaluation report on microelectronic circuit, multivibrators, diffused elements active substrate	1967
19690086959	Thermal conductivity of thread locking compounds used on semiconductor studs	1967
19690086960	Qualification of AM Labs as supplier of isolator, 58OR329H01.	1967
19690086970	Design Analysis of a Low Boom Domestic Supersonic Transport, Phase 1, Volume 1	1967
19690086973	Theoretical study of propeller-excited forces on nearby appendages	1967
19690086977	Development test, wicking and ignition of Teflon wire, DAC SCN 1B37873-1010-9 and -3	1967
19690086978	Failure analysis report on instrument, pressure, liquid, measuring, recording, NOC	1967
19690086984	Qualification report for video filter per BuWeps drawing 2459249	1967
19690086985	C-3 engineering evaluation test procedure for BuWeps part number 2760014, integrated circuit, triple three input gate	1967
19690086987	Percussive arc welding	1967
19690086991	Cold Helium Dump Module, Formal Qualification Test DAC SCN 1B57781-503	1967
19690086992	Failure analysis report on semiconductors, amplifier	1967
19690086993	Integrated circuit-integrated clock flip-flop	1967
19690086994	Qualification of Electrofilm, Inc., heater assembly 1555449	1967
19690086996	C-3 engineering evaluation test procedure for BuWeps part number 2760013, integrated circuit dual four input gate	1967
19690086998	Capacitor, fixed, ceramic, phenolic encapsulated	1967
19690087000	C and K model 7101 toggle switch evaluation test	1967
19690087004	Qualification test procedure transistor, silicon, p-n-p, switching SCD 2479835	1967
19690087008	Saturn S-2 linear shaped charge separation assembly	1967
19690087009	Antelope reliability verification test procedure for BuWeps part number 2360548- 01000 and 010014	1967
19690087014	Contact female connector	1967
19690087017	Reliability verification test of the liquid hydrogen, auxiliary motor driven chilldown pumps, SCN 1A49421-501 and -505	1967
19690087018	Report of qualification testing of ITT Cannon Electric CV-40A connectors to the requirements of North American Rockwell Corporation specification MC 414-0147C	1967
19690087019	Reliability verification test for BuWeps part number 2360624-1, transformer, pulse	1967
19690087022	Transistor, PNP, germanium, switching	1967
19690087025	BG287G3 reaction jet and engine on-off control. Qualification test report	1967
19690087027	Acceptance test report on fixed capacitors	1967
19690087028	Acceptance test report on fixed capacitors	1967
19690087029	Acceptance test report on fixed capacitors	1967
19690087034	Thick wall stainless steel tube assembly hydrostatic test report aerospace ground equipment	1967
19690087041	Waveguide assembly	1967
19690087042	Acceptance test report on fixed capacitors	1967
19690087045	Metallurgical evaluation of Parsons seamless closed end tubes	1967
19690087048	Improved direct lift control on the F-8C airplane	1967
19690087050	Ferro Dyne, Inc., transformers, audio frequency interstage. Article inspection test	1967
19690087056	Antelope qualification of Marshall Ind. fixed capacitor SCD 2622273 Qualification test report	1967
19690087064	Evaluation of protective finishes for highly susceptible stress corrosion areas	1967
19690087069	Antelope reliability verification test procedure for BuWeps part number 2360548- 010001 and -010014	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087073	Final implementation plan for extension of common ordnance component shelf life	1967
19690087074	Antelope reliability verification for BuWeeps part number 2360608-1, transformer, pulse	1967
19690087081	BG289G2 Gyro Display Coupler Qualification Test Report	1967
19690087086	Report on radiation effects upon components used in Oscar dual command converter evaluation of these effects upon circuit operation	1967
19690087090	Connectors /Cinch/	1967
19690087099	Integrated approach to research on and design methods for carbon composite materials Progress report, 1 Jul. - 30 Sep. 1967	1967
19690087101	Acceptance test report on fixed capacitors	1967
19690087103	Inspection techniques, visual aids, printed wiring boards	1967
19690087106	Acceptance test report on fixed capacitors	1967
19690087136	Wind tunnel tests of the static stability and control effectiveness of a second generation Hawk missile model at Mach numbers 2.50 to 5.00 /U/	1967
19690087138	Analysis of variable thrust in Navy tactical missiles /U/	1967
19690087141	AEA - SDI quarterly program review 10 April 1967 /U/	1967
19690087143	AEA - SDI Quarterly Program Review, 16 Aug. 1967	1967
19690087147	Low energy photoelectric cross section calculations. Volume 2 - Program description Final report, 1 Jun. 1966 - 30 Jun. 1967	1967
19690087148	JFD tunable air capacitors /series VCJ/	1967
19690087149	Graphical determination of third order intermodulation frequencies in RF systems	1967
19690087154	Evaluation of several monolithic operational amplifiers	1967
19690087156	Experimental results of testing resistors under pulse conditions	1967
19690087173	Fuel cell improvement test program	1967
19690087181	Integrated circuit package, 10 lead flat	1967
19690087182	Electronic fringe signal detection circuitry for length measurement interferometers	1967
19690087185	Transient radiation effects in electronic materials Quarterly progress report	1967
19690087186	Phosphonitrilic laminating resins Summary report, 1 May 1965 - 31 Jul. 1966	1967
19690087188	An analog computer investigation of the effects of a carrier air wake on the dynamics of two aircraft in a landing approach	1967
19690087191	Evaluation of Du Pont 5780 electrical conduction, heat resistant, gold paste adhesive for semiconductor dice bonding	1967
19690087192	Johanson tunable air capacitors /series 2954/	1967
19690087193	The problem of determining the total microbial content of air	1967
19690087197	Report of test on RF connectors /screw clamp/ qualification tests	1967
19690087209	Tests on operational amplifier, linear integrated circuit type	1967
19690087213	Evaluation studies - Struthers - Dunn Reed relay per G302954-1	1967
19690087220	Low energy photoelectric cross section calculations. Volume 1 - Theory and results Final report, 1 Jun. 1966 - 30 Jun. 1967	1967
19690087222	Antelope reliability verification test procedure to verify BuWeeps part number 1960903-03c007 and 1960903-03c012	1967
19690087223	Explosive hypervelocity launchers Semiannual report, 26 Aug. - 31 Dec. 1966	1967
19690087225	Fundamental principles of aerobiological research	1967
19690087227	Studies of the electrical space charge density of dispersion aerosols	1967
19690087231	The ionic conductivity of pure and doped AgBr- and AgCl crystals	1967
19690087235	Standard fast neutron detector study Final report	1967
19690087245	Test report on Semiconductors, diodes, Control Rectifier /SCR/, silicon	1967
19690087257	Vibration tests on bi-metallic tubes	1967
19690087258	Lower confidence limits for availability assuming lognormally distributed repair times	1967
19690087264	H-1 Rocket Engine Models H-1A, H-1B, H-1C, and H-1D Technical Manual	1967
19690087270	Evaluation and compounding procedures of filled EPON 828	1967
19690087272	Apollo propellant utilization and gaging system /block 2/, volume 4	1967
19690087278	Apollo/Saturn postlaunch refurbishment plan	1967
19690087298	A survey study of solder fluxes	1967
19690087316	Instrumentation magnetic tape recorders, direct recording acceptance test procedure	1967
19690087317	Potting compound failure analysis	1967
19690087326	Integrated circuit memory Interim report, May - Dec. 1967	1967
19690087337	Environmental qualification of RF transformers	1967
19690087339	Transistor, p-n-p, silicon	1967
19690087340	A method of truncation of a sequential test assuming an underlying exponential density function	1967
19690087343	Evaluation of micro systems pressure transducer	1967
19690087345	Evaluation of the Fairchild integrated circuit amplifier type UA-702A	1967
19690087348	Miniature high voltage capacitors Final technical report, Jan. 1965 - Jan. 1967	1967
19690087351	Integrated subsystems test for an Apollo block 2 ECS radiator subsystem	1967
19690087360	Rotation control direct switch performance verification	1967
19690087364	Quarterly technical report, 1 January - 31 March 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087367	S-1C test and checkout software system requirements	1967
19690087405	Azimuth comparator Faraday cell Final report	1967
19690087406	Electron spin resonance study of free radical formation in irradiated zinc acetate dihydrate	1967
19690087411	Qualification and evaluation test plan for integrated RTL quad inverters	1967
19690087412	Design of electric systems for naval aircraft and missiles. Section 11. Relays, electromechanical	1967
19690087413	Evaluation of an epoxy adhesive as a soldering substitute Final report	1967
19690087417	Analyze, study, select, and define Serpentuator systems Final report, 20 Apr. - 20 Oct. 1967	1967
19690087418	Group B test for Avion Electronics, Inc., 051277 rev. E /MA4917/	1967
19690087419	Flat belt cable flexure test	1967
19690087433	Development of light weight magnesium alloys for low temperature applications Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19690087443	X-band RF subassembly	1967
19690087449	Solar-geophysical data	1967
19690087462	Separation system-hotwire detonator /ME453-0025/. Boostered detonating cord, /ME453-0030/	1967
19690087472	Launch vehicle family study	1967
19690087493	Infrared radiation measurements of combustion gases Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19690087509	Bearing lubrication investigation for motor-tachometer	1967
19690087512	Carolina Wire and Cable Co., Inc.	1967
19690087516	Qualification tests on terminal junction connectors	1967
19690087522	Evaluation of 6 and 7 Mil AISI 347 stainless steel bellows material in foil and roll extruded tube form	1967
19690087530	An IBM computer program estimating electronic equipment failure rates as a function of part stress and temperature	1967
19690087543	Qualification test of unijunction transistor	1967
19690087567	Human performance using a computer-generated alphanumeric "keyboard"	1967
19690087570	Transistor parameter evaluation, types 2 N 2412 and 2 N 2604	1967
19690087572	Initial qualification test of no. P/N 2439809 resistors	1967
19690087573	Evaluation of ultrasonic soldering of terminals Final report	1967
19690087579	Bag, debris, vacuum cleaner	1967
19690087581	Silicon controlled rectifiers evaluation test results	1967
19690087598	Installation problems of third generation computers	1967
19690087615	Study, design, fabrication and testing of Mossbauer vibration calibration systems Quarterly progress report, period ending 30 November 1967	1967
19690087642	Latching relays	1967
19690087643	Evaluation test report for tantalum wet slug capacitors	1967
19690087654	Voyager integrated logistics plan	1967
19690087655	The 1965 production support program, volume 2 Final report	1967
19690087671	Instrument excitation power supply	1967
19690087672	Material Compatibility Test No. 3 CO2 Absorber Element ECS Item 1.14	1967
19690087673	Coaxial connectors environmental tests	1967
19690087675	Acceptance test report on fixed capacitors	1967
19690087676	Acceptance test report on fixed capacitors	1967
19690087679	Studies of some experimental lubrication parameters	1967
19690087680	Laboratory evaluation, metallized polycarbonate capacitors	1967
19690087682	Laboratory evaluation, metallized polycarbonate capacitors	1967
19690087685	Laboratory evaluation, metallized polycarbonate capacitors	1967
19690087687	Cold weather operations, 6-10 March, 1967	1967
19690087694	Evaporator temperature sensor unit ECS item 2.53	1967
19690087695	Information handling subsystem concepts for OSD	1967
19690087729	Testing on adhesive to bond antenna fiberglass skin to phenolic core Final report	1967
19690087793	Metallurgical evaluation for comparison of NTW seamless tubes and Parsons seamless tubes	1967
19690087797	Preliminary design considerations for an Optical Contrast Seeker/Out of Line of Sight /OCS/OLOS/ system /U/	1967
19690087841	A survey of some results in biased estimation theory Status report, 1 Jun. - 30 Nov. 1968	1967
19690087870	The problem sessions series of the Polish Academy of Sciences /selected articles/	1967
19690087871	General characteristics of studies on magnetic properties of thin ferromagnetic films	1967
19690087872	A survey of theory of spontaneous magnetizing of thin metallic films	1967
19690087873	Magnetic properties of thin ferromagnetic films in quasi-static fields	1967
19690087874	Magnetic properties of thin ferromagnetic films in fast-changing and pulse magnetic fields	1967
19690087923	A study of techniques for determination of the gridding attitude for the Nimbus satellite	1967
19690087925	Nimbus A failure sensing, investigation, and reporting plan	1967
19690087956	Calibration curves flight no. 1 vehicle Nimbus A control subsystem	1967
19690087971	Technical exchange conference Final report	1967
19690087973	Application of satellite picture interpretation principles to analysis in sparse data regions	1967
19690087974	A satellite photo interpretation key	1967
19690087975	APT use at Fuchu AF weather central	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087976	Recent research on the application of meteorological satellite data to numerical weather analysis	1967
19690087977	Applications of satellite observations of extratropical cloud vortices	1967
19690087979	A solar flare videometer	1967
19690087980	The use of ground level neutron monitors in a real time solar proton monitoring network	1967
19690087981	Numerical simulation of cumulus convection	1967
19690087982	On the application of scaling theory and energetics to the third weather wing six-level model	1967
19690087983	Computer ray tracing techniques to determine the effect of ionospheric tilts on MUF's	1967
19690087984	Morphology of topside polar ionosphere. The ionization in polar latitudes	1967
19690087985	The computation of atmospheric densities using Space Defense Center data	1967
19690087986	Recent progress on general circulation experiments at NCAR	1967
19690087987	Grid telescoping in numerical weather prediction	1967
19690087988	The application of numerical analysis of baroclinicity to the objective location of frontal zones	1967
19690087989	Techniques for prediction of solar flares and energetic particle events	1967
19690087990	Short-term prediction of F-2-layer maximum usable frequencies from local magnetic activity	1967
19690087991	Prediction of hurricane movement	1967
19690087992	The relationship between daily and annual rainfall in Thailand	1967
19690087993	Diurnal studies of TIROS VII 8-12mu "window" radiation over Indonesia and Malaysia	1967
19690087994	Short range, subsynoptic surface weather prediction	1967
19690087995	An empirical study of low-level sounding prediction	1967
19690087996	TELEPLOT	1967
19690087997	Surface observations of snow and ice for correlation with remotely collected data	1967
19690088026	Mathematical aspects of control theory and the problem of satellite attitude control	1967
19690088028	Cloud-top Altitude Radiometer /CAR/ Progress report, 1-30 Sep. 1967	1967
19690088046	Cloud-top Altitude Radiometer /CAR/ Progress report, 1-30 Apr. 1967	1967
19690088145	Performance demonstration of the CH-53A for NASC	1967
19690088157	Contribution to the 24th meeting of the High- Temperature Fuels Committee, part 2 /U/	1967
19690088166	Reentry plasma studies /U/	1967
19690088185	Transistor, n-p-n, silicon, power	1967
19690088220	Cloud-top Altitude Radiometer /CAR/ progress report, 1-31 Mar. 1967	1967
19690088356	Operation of Nimbus technical control center Monthly progress report, Feb. 1967	1967
19690088392	Valve, solenoid, recirculation system activation	1967
19690088426	Operation of Nimbus technical control center for Nimbus C Monthly progress report, May 1967	1967
19690088476	Operation of Nimbus technical control center for Nimbus C Monthly progress report, Mar. 1967	1967
19690088477	Nimbus technical control center Monthly progress report, Jan. 1967	1967
19690088529	Cloud-top Altitude Radiometer /CAR/ Progress report, 1-31 Dec. 1967	1967
19690088538	Cloud-top Altitude Radiometer /CAR/ Progress report, 1-31 Jul. 1967	1967
19690088548	Cloud-top Altitude Radiometer /CAR/ Progress report 1-28 Feb. 1967	1967
19690088550	Cloud-top Altitude Radiometer /CAR/ Progress report, 1-31 Jan. 1967	1967
19690088570	Evaluation of the Dickson JAN In962b through JAN IN983B family of zener diodes	1967
19690088574	Solid-state teletypewriters Interim engineering report, 24 Feb. - 24 May 1967	1967
19690088584	Failure analysis of MR 13373-3 diode	1967
19690088585	High speed printer Interim engineering report, 24 Feb. - 24 May 1967	1967
19690088658	Investigation of the effect of stress on the chemistry, metabolism and biophysics of collagen	1967
19690088669	Delta AIMP-E lunar orbit mission error analysis, model DSV-3E	1967
19690088710	Airbreathing propulsion simulator - Engine design, performance tabulation, and trajectory simulation	1967
19690088719	Compression column packaging and deployment materials and fabrication, part 2	1967
19690088728	Strength of internal threads made by forming	1967
19690088731	The P31 /n,p/ reaction as a proposed standard method for measurement of neutron yields from the DD,N H3 reaction	1967
19690088744	Stability of structural materials for spacecraft application	1967
19690088745	Research on the utilization of pattern recognition techniques to identify and classify objects in video data Technical progress report, 31 Jan. - 31 Ma	1967
19690088756	Exploratory development on techniques of incorporating whiskers into fibers Technical report, May 1966 - Feb. 1967	1967
19690088758	Stability of structural materials for spacecraft application	1967
19690088770	DOD-CODSIA advisory committee for management systems control. Appendix D - Integrated logistic support need/use analysis report Final report	1967
19690088778	Ignition studies /U/ Final report, 1 May 1966 - 30 Apr. 1967	1967
19690088781	Target detection - A comparison of several vision systems mounted in stationary and moving tanks /U/	1967
19690088783	Perform studies toward development of 18 mm microstatic tube /U/ Final technical report, 17 May 1965 - 16 May 1967	1967
19690088784	A-X final report. Volume no. 3 - Vehicle design and performance /U/	1967
19690088785	A-X final report. Volume no. 4 - Stability and control, flight control subsystem /U/	1967
19690088789	Investigation of flow kinematics of detonating explosive slaps, supplement 1 /U/ Final report, 1 Sep. 1965 - 1 Nov. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088793	Multipath interference tests /U/ Technical report, 1 Feb. - 31 Dec. 1967	1967
19690088794	High energy torpedo propellants /U/ Final report, 13 Apr. 1966 - 12 Apr. 1967	1967
19690088817	Operation of Nimbus technical control center for Nimbus "C" Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19690088898	Launch vehicle aerodynamic design criteria monograph - Liftoff aerodynamics	1967
19690088943	Cloud-top Altitude Radiometer /CAR/ Progress report, 1-31 May 1967	1967
19690088944	Cloud-top Altitude Radiometer /CAR/ Progress report, 1-30 Jun. 1967	1967
19690088949	Cv patchboard connector	1967
19690088962	Aerospace nuclear safety Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19690088968	Application of time resolved mass spectrometry to problems in high temperature chemistry	1967
19690088972	Boron-epoxy composites in bonded joints	1967
19690088974	Mass Spectrometric Detection of Nitrogen in Sacs Formed by the Combustion of Zirconium Droplets	1967
19690088975	Launch Vehicle Aerodynamic Design Criteria Monograph - Aero-thermodynamic Testing	1967
19690088983	Cloud-top altitude radiometer Progress report, 1-31 Oct. 1967	1967
19690089035	Completed Nimbus project reports Quarterly report, 1 Feb. - 1 May 1967	1967
19690089043	Cloud-top Altitude Radiometer /CAR/ Progress report, 1-30 Nov. 1967	1967
19690089047	Test of the ASN-59 /SIDS/ Stellar Inertial-Doppler navigation System, program 663F /U/ Final report	1967
19690089053	Development of 18mm MCP inverter tube /U/ Interim report, period ending 31 Mar. 1967	1967
19690089054	Alpha-Numeric Data Annotation System /ANDAS/ /U/ Final report	1967
19690089062	Research on operational slurry fuels /U/ Quarterly report, Apr. - Jun. 1967	1967
19690089065	Development of a second generation intensifier SEC camera tube /U/ Interim technical progress report, 15 Oct. 1966 - 15 Mar. 1967	1967
19690089066	Development of a 25 millimeter microchannel intensifier image inverter tube /U/ Final technical report, May 1965 - Feb. 1967	1967
19690089067	Development of 18mm microchannel wafer tube /U/ Interim report for the period ending 21 Apr. 1967	1967
19690089068	[No Title]	1967
19690089074	Low light level television /Tropic Moon 1/ /U/ Technical report, 16 Dec. 1966 - 31 Mar. 1967	1967
19690089080	Gemini 7 Spectral Measurements of Space Objects and Earth-Cloud Backgrounds	1967
19690089082	Operational evaluation image intensification devices /U/ Final report, 25 Feb. - 15 Mar. 1967	1967
19690089084	Development of manufacturing methods for production of a wide dynamic range television pickup tube /U/ Interim engineering report, 1 Jan. - 31 Mar. 1967	1967
19690089104	Development of 18mm microchannel wafer tube /U/ Interim report for period ending 31 Dec. 1966	1967
19690089105	Transpiration air cooled turbine program. Volume 2 - Variable area turbine /U/	1967
19690089107	A-X final report. Volume 12 - Structures, flutter, and vibration /U/	1967
19690089113	Miniature Sonobuoy Receiver System /MSRS/ ARR-// /U/ Interim engineering report	1967
19690089124	Report of test on transformers and inductors P/N 1570107	1967
19690089135	Development of manufacturing methods for production of a wide dynamic range television pickup tube. Part 1 - Final design specification Wx 30152 /U/ Technical report, 1 Sep. - 30 Nov. 1965	1967
19690089136	Ballistic scale-up of NF propellants. 3 - Liner development /U/	1967
19690089137	Evaluation of motor case insulation materials for low-signature applications /U/ Technical report	1967
19690089138	Follow-on category 11/111 RF-4C sensor test /U/ Final report	1967
19690089139	Transpiration air cooled turbine program. Volume 1 - Fixed area turbine /U/	1967
19690089165	Sustainer hydraulic pump	1967
19690089184	Evaluation of the Motorola JAN1N962B through JAN1N983B family of zenar diodes	1967
19690089235	Magnesium-lithium alloy casting development, phase 1 Technical report, 1 Jun. - 31 Dec. 1966	1967
19690089306	Transformer variable, rheostat ganged	1967
19690089325	Statistical mechanics and origin of the magnetoelectric effect in Cr sub 2 O sub 3	1967
19690089326	Shifting buffer module	1967
19690089327	Buffer multiplexer module	1967
19690089332	Qualification of solitron 2N2151 per GE/AED drawing 7528035	1967
19690089377	Evaluation of shield terminations for wire wrap connectors	1967
19690089382	Qualification of USCC type C10A ceramic capacitor	1967
19690089396	Sundstrand model 876 APU. Part 1 - Cryogenic fluids Final report, 18 Feb. 1965 - 1 Mar. 1967	1967
19690089418	Study of noise generation and turbulent fluxes on Saturn 1B and 5 exhausts, supplement, parts 1 and 2 Final report	1967
19690089441	Evaluation of Westinghouse power transistors	1967
19690089446	Evaluation of no. 28 and no. 30 AWG terminal point connections	1967
19690089459	Laboratory evaluation, n-p-n silicon power transistor, Delco type DTS 423M	1967
19690089469	A study of physical systems through signal flow graphs. Part 4 - Direct simulation on analog computers	1967
19690089470	Systems scoring percent correct copy radio teletype versus signal-to-interference ratio	1967
19690089477	Interference prediction model development probability scoring model for the rapid response interference prediction model	1967
19690089482	Evaluation of the characteristics of hybrid propulsion systems for specific tactical Naval weapons applications /U/ Final report	1967
19690089483	Wind tunnel investigation of control-surface stability on a modified 0.2-scale model of the SV-5P lifting body at transonic speeds /U/	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089486	COM-10A modified category 3 test program /U/ Final report, 1 Sep. 1966 - 4 May 1967	1967
19690089488	Light intratheater transport study of stopped, folded and stowed rotor aircraft. Volume 2 - Design. A-configuration and survivability /U/ Final report	1967
19690089493	Light intratheater transport study of stopped, folded and stowed rotor aircraft. Volume 4 - Costs, schedules, program management /U/ Final report	1967
19690089494	Light intratheater transport study of stopped, folded and stowed rotor aircraft. Volume 2 - Design d-loads, structures and weights /U/ Final report	1967
19690089496	Characterization and optimization of Napalm B /U/	1967
19690089521	Components parts evaluation report	1967
19690089527	Capacitor, fixed, paper-dielectric	1967
19690089538	Positional error probability versus data acquisition time for digital and analog correlators	1967
19690089540	A study for the development of a frequency assignment system for radio relay networks, volume 1	1967
19690089573	Interference prediction model development - Probability scoring model program	1967
19690089574	Interference prediction model development - Rapid response interference prediction model	1967
19690089576	Antenna improvements in a communications system Final report, Mar. 1966 - Mar. 1967	1967
19690089582	Shipboard satellite communications set, AN/SSC-3 - Program review	1967
19690089591	Qualification test for dual coil latching miniature relay	1967
19690089595	Evaluation report of NAFI boards	1967
19690089600	A practical calculation method for compressible turbulent boundary layers in two-dimensional and axisymmetric flows	1967
19690089601	Mechanical properties, including fracture-toughness and fatigue, and resistance to stress-corrosion cracking of stress-relieved stretched aluminum alloy extrusions Quarterly report, 15 Jun. - 15 Sep. 1967	1967
19690089603	Exhaust particle size data from small and large solid rocket motors	1967
19690089609	Field effect transistor	1967
19690089617	Capacitor, fixed, paper-dielectric	1967
19690089622	The algorithmic language developed by the GAMS group	1967
19690089623	Evaluation of fuel cell electrodes Semiannual technical report, 2 Oct. 1967 - 1 Apr. 1968	1967
19690089625	Phase D, power transfer motorized switches class 2	1967
19690089626	Vibration damping mount	1967
19690089633	Hydrogen system module	1967
19690089634	Regulator-relief recirculation system valve, revision A	1967
19690089650	Space probes	1967
19690089657	Circularly polarized L-band antenna array development Final report	1967
19690089664	Magnetic tape evaluation	1967
19690089674	Optical line eliminator Interim technical report, 15 Dec. 1966 - 15 Mar. 1967	1967
19690089675	Detection processes for wavefront reconstruction receivers Final report	1967
19690089679	Optical line eliminator Interim technical report, 16 Mar. - 15 Jun. 1967	1967
19690089684	Studies on the transition from quasi-static to impact electron contributions linear Stark broadening	1967
19690089690	Solid-state electronic circuit elements, part 3	1967
19690089696	Computer Program for Plume Impingement Forces and Moments with Body Motion	1967
19690089706	Investigation of the phase structure of refractory nickel-base alloys	1967
19690089708	On some problems involved in the increasing of signal capacity and signal density in case of rotating magnetic plate memories	1967
19690089711	Hydrogen and oxygen vent and relief valves	1967
19690089717	The problem of an analog memory in a linear interpolator	1967
19690089720	Apollo/Saturn A36.00.00.0 Operations and maintenance. Propellants systems components laboratory complex. Gas distribution and storage, volume 1	1967
19690089725	Integrated test plan for the GE/RSD portions of the Voyager program, phase B	1967
19690089729	Preliminary Voyager thermal analysis	1967
19690089738	Interference prediction model development - Tropospheric transfer function for digital propagation	1967
19690089742	Saturn 5 As-502 launch vehicle operational flight trajectory	1967
19690089743	French "Eole" satellite /FR-2/ third and fourth survey reports	1967
19690089747	Preproduction tests of two type MS 90365-2, 24-volt, 18 ampere-hour, nickel-cadmium aircraft storage batteries manufactured by Sonotone Corp.	1967
19690089748	The automatization of measuring in the area of luminescence	1967
19690089752	Temperatures and thermal stresses of plates and cylinders at an irregular or linearly variable-with-time ambient temperature	1967
19690089753	The relation between the grain size and the tendency of austenitic corrosion resistant steels to intercrystalline corrosion	1967
19690089755	Report of test on relay, power, 154751, Leach Corporation 9I24-8425 /MS27222-2 modified/	1967
19690089758	Measurement of exhaust composition of selected helicopter armament /Project West/	1967
19690089759	A comprehensive analytical procedure for the performance prediction of rocket thrust vector control with gaseous secondary injection Final report	1967
19690089760	An experimental and analytical study of coaxial jet mixing Technical progress report, 15 Sep. 1966 - 30 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089761	High pressure-low temperature study of hydrogenous fuels Technical report, 11 Jul. 1966 - 22 Jul. 1967	1967
19690089762	Electrical resistivity of SNAP fuels	1967
19690089768	Clinico-pathologic correlations in lower-body, 250-KVP X-ray irradiation Technical report, Dec. 1966 - Jul. 1967	1967
19690089770	Rotating beam fatigue testing of SNAP 8 fuel cladding	1967
19690089773	Chemical operator training manual, part 1	1967
19690089775	Monte Carlo procedure for analysis of Radiation in Ducts /RAID/ Technical report	1967
19690089776	The zircaloy-2 tubular creep experiment Interim report	1967
19690089777	Determination of mixtures of hydrogen, nitric oxide and nitrous oxide in nitrogen dioxide by gas-solid chromatography	1967
19690089778	Microelectronic device, gate, nand, dual, DTL, weldable leads	1967
19690089779	Qualification test on metal film resistors - Resistor, fixed, metal film, precision, molded, 1/4 watt	1967
19690089780	Development of plutonium recycle in thermal reactors. Evaluation of plutonium recycle nuclear calculation methods by comparison with experimental data, phase 1	1967
19690089791	Slow cycle-high strain fatigue of unirradiated SNAP cladding materials at 1400deg F	1967
19690089793	Post-operation metallurgical examination of the S8ER NaK heat transfer system materials	1967
19690089798	Hydrofoil coatings research program, pase 2 Final report	1967
19690089803	AEC Research and Development Report	1967
19690089805	Globe valve 1 1/2-inch, 100 psig, pneumatically operated Annin Company model number 1760-150 lb.	1967
19690089837	Localized scour around a horizontal cylinder. Part 2 Final report	1967
19690089841	Wind tunnel measurements of jet interference for high bypass engines mounted on a wing Interim report	1967
19690089847	Real-time damage detection and assessment study - Holography techniques. Volume 1. General information Final report, 22 Jan. - 22 Jul. 1967	1967
19690089848	A study for the development of a frequency assignment system for radio relay networks, volume 2	1967
19690089853	Fatigue developmental testing plan	1967
19690089856	Exobiology. New problems and tasks in scientific research	1967
19690089872	Qualification data report on semiconductors, special types of bridge Qualification test report, 15 Feb. - 23 Mar. 1967	1967
19690089879	High energy oxidizers /U/ Semiannual technical report, 1 Jul. 1966 - 28 Feb. 1967	1967
19690089880	Cross-correlation fine bearing processor jittered target evaluation, phase 3 /U/ Technical report, 15 Jan. - 1 Mar. 1967	1967
19690089882	Tactical Target Illustration /TTI/ improvement program /U/ Final technical report	1967
19690089883	Flueric missile control system development and flight test /U/	1967
19690089884	Pulse duration modulation guidance module design and development /U/	1967
19690089885	Flight control system analysis, volume 5-4, part 2 /U/	1967
19690089886	Airtask/work unit assignment /U/ Quarterly progress report	1967
19690089887	[No Title]	1967
19690089888	Research directed toward development of a coherent infrared ranging and seeker system /U/ Final report	1967
19690089900	The use of sodium silicate and sulphur as a dust palliative Final contract report	1967
19690089908	Development of a new high-strength semiaustenitic precipitation-hardenable stainless steel Final report, 1 May 1965 - 30 Jun. 1967	1967
19690089918	Qualification test on metal film resistors-resistor, fixed, metal film, precision, molded, 1 watt	1967
19690089920	Water sealant evaluation	1967
19690089927	Qualification test on metal film resistors	1967
19690089931	Rocket exhaust temperature measurements in a ground test facility using infrared spectroscopy	1967
19690089932	Improved Crash-Resistant Fuel Cell Material	1967
19690089935	Multiple threat cratering experiment. Volume 2 - Ground motion in rock Technical report, Jun. - Jul. 1965	1967
19690089936	Space environment tests, phase 1 and phase 2 Summary report, 25 Jul. 1964 - 30 Jan. 1967	1967
19690089955	LM - ATCA Final soldering report	1967
19690089965	Multiple threat cratering experiment. Volume 1 - Successive cratering in hard rock Technical report, Jan. - Dec. 1965	1967
19690089969	Small gas turbine engine component technology regenerator research Final report	1967
19690089972	Correlation properties of X-band chaff illuminated by nanosecond pulse	1967
19690089973	Study and design of armored aircrew crash survival seat	1967
19690089978	Synthesis of new thermally stable polyimide laminating resins	1967
19690089990	Electron fractographic study of beryllium	1967
19690090005	Simultaneous linear estimation of the location and scale parameters of the extreme-value distribution using selected order statistics from doubly censored samples	1967
19690090008	Qualification report of transistor, 2235244 to spec. WS 4471 and BuWeps drawing 2235244	1967
19690090013	National airspace system, en route stage A, special center area configuration study	1967
19690090019	Capacitor, fixed, paper-dielectric P/N 144734-6	1967
19690090020	Studies in radio astronomy Final report, 1 Sep. 1963 - 30 Sep. 1966	1967
19690090021	Organometallic and organometalloidal high- temperature lubricants and related materials	1967
19690090025	Night vision goggles /U/ Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19690090026	Linear arrays of epitaxially grown Hg/X/ Cd/1-X/ Te detectors /U/ Quarterly report, 17 Jul. - 17 Oct. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090028	Advanced development of generation 2 intensifier tubes /U/ Interim report, 1 Dec. 1966 - 28 Feb. 1967	1967
19690090029	Sebic display structures /U/ Interim letter report, 1 May - 31 Jul. 1967	1967
19690090044	Interim engineering report for Miniature Sonobuoy Receiver System /MSRS/ ARR	1967
19690090046	Fatigue evaluation of hard anodized 20.00-20 wheels for C-130 aircraft	1967
19690090065	Theoretical study of the detonation process Final report, 1 Jan. 1965 - 30 Sep. 1967	1967
19690090066	Dynamic loading behavior of eight reentry- vehicle materials at room temperature	1967
19690090067	Three-hundred watt Rankine cycle steam engine portable power supply Final technical report, May 1965 - Jan. 1967	1967
19690090068	Molding parameter study - Nonconductive neoprene connector junction	1967
19690090070	B-52 main landing gear outer cylinder stress corrosion testing Final report	1967
19690090078	Agema spacecraft /U"/	1967
19690090113	Flow meter and prototype mercury feed system development Monthly progress report, 1-31 Dec. 1966	1967
19690090145	Development plan for the advanced workshop low-orbit-C Final report	1967
19690090165	A boiler dynamics investigation Monthly progress report, 28 Jun. - 27 Jul. 1967	1967
19690090166	A boiler dynamics investigation Monthly progress report, 28 Mar. - 27 Apr. 1967	1967
19690090169	Proceedings of the Working Panel on Tropical Dynamic Meteorology, August 1967	1967
19690090170	A boiler dynamics investigation Monthly progress report, 28 Dec. 1966 - 27 Jan. 1967	1967
19690090171	A boiler dynamics investigation Monthly progress report, 28 Feb. - 27 Mar. 1967	1967
19690090172	A boiler dynamics investigation Monthly progress report, 28 Jan. - 27 Feb. 1967	1967
19690090173	Design, analysis and testing of models of an orbiting low frequency radio telescope	1967
19690090176	Passive electrical power continuity device Final report, 8 Jul. 1966 - 25 Aug. 1967	1967
19690090184	A boiler dynamics investigation Monthly progress report, 28 Apr. - 27 May 1967	1967
19690090214	Failure effect analysis review ground support equipment, AS-502 Saturn 5, Launch Complex 39A	1967
19690090216	Discharge chamber studies and oxide cathode research for mercury bombardment ion thrusters Monthly status report, Sep. 1967	1967
19690090224	Angle valve, 3/4-in, Annin Co. model no. 3611	1967
19690090225	Flodyne Controls, Inc., valve, cam-operated, four way hydraulic	1967
19690090226	Angle valve, 1/2-in, Combination Pump and Valve Co. model 371, drawing no. C-6480	1967
19690090227	Lecture series in modern analysis and applications. Session 2 - Banach algebras and applications	1967
19690090241	Failure effect analysis review ground support equipment Saturn 5, Launch Complex 39A	1967
19690090247	Sandia Laboratories aerospace nuclear safety program Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19690090258	Failure effect analysis review ground support equipment - AS-502, Saturn 5, Launch Complex 39A	1967
19690090259	Failure effect analysis review ground support equipment - AS-502, Saturn 5, Launch Complex 39A	1967
19690090260	Failure effect analysis review ground support equipment, Saturn 5, Launch Complex 39A	1967
19690090261	Failure effect analysis review ground support equipment - AS-502, Saturn 5, Launch Complex 39A	1967
19690090262	Failure effect analysis review ground support equipment - AS-502, Saturn 5, Launch Complex 39A	1967
19690090263	Failure effect analysis review ground support equipment, Saturn 5, Launch Complex 39A	1967
19690090278	Feasibility model of an electro-chemical synergistic continuous infrared signal source /U/ Final report, 27 Feb. - 22 Jul. 1967	1967
19690090279	Advancement of injector and thrust chamber technology /U/ Technical report, 1 Mar. - 30 Jun. 1967	1967
19690090281	Advancement of injector and thrust chamber technology with chlorine trifluoride and MHF-3 propellants /U/ Technical report, 21 Jan. 1966 - 1 Mar. 1967	1967
19690090282	Improved infrared photocathodes /U/ Quarterly progress letter no. 2, 29 Apr. - 28 Jul. 1967	1967
19690090283	Improved infrared photocathodes /U/ Quarterly progress letter no. 1, 28 Jan. - 28 Apr. 1967	1967
19690090284	Forty mm rocket boosted round /U/ Final report, 20 Jun. 1966 - 11 Apr. 1967	1967
19690090288	Research on photoconductive beam scanning pickup tubes /U/ Interim technical report, 16 Mar. - 15 Sep. 1967	1967
19690090289	Development of a linear array of HgTe/Cd detectors /U/ Interim technical report, 19 May - 18 Aug. 1967	1967
19690090290	High resolution magnetic focused microchannel tubes /U/ Quarterly progress report, 7 Mar. - 6 Jun. 1967	1967
19690090292	Advanced development of generation 2 intensifier tubes /U/ Interim report, 1 Sep. - 30 Nov. 1966	1967
19690090293	Research on improvement of far-infrared pickup tubes /U/ Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19690090296	Development of a second generation intensifier SEC camera tube /U/ Interim technical progress report, 13 Mar. - 13 Sep. 1967	1967
19690090297	Research on the thermicon image tube /U/ Quarterly report, 10 Jul. - 9 Oct. 1967	1967
19690090298	Night vision goggles /U/ Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19690090300	Development of a linear array HgTe/CdTe detectors /U/ Interim technical report, 19 Feb. - 18 May 1967	1967
19690090301	Thermal TOW night sight /U/ Monthly letter progress report, 1-30 Sep. 1967	1967
19690090302	Photoemissive surfaces studies /U/ Quarterly letter progress report, 21 Jun. - 20 Sep. 1967	1967
19690090318	Rover graphite fuel element thermal stress experiments and analyses /U/	1967
19690090319	Characterization of carbide-graphite composite material /U/ Progress report	1967
19690090320	Hot-pressed niobium carbide-graphite composites /U/ Progress report	1967
19690090322	Designs "A" - Alternative Brayton cycle configuration studies	1967
19690090352	T78-A-2 regenerative powerplant /U/ Summary engineering report	1967
19690090396	The relationship of nitrogen content of austenitic stainless steels to stress corrosion Quarterly report	1967
19690090398	Phosphorescence amplification by stimulated emission of radiation	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090427	Apollo solid, insulated magnet wire	1967
19690090447	Astrodynamical terminology, notation, and usage	1967
19690090477	A unified theory of film cooling	1967
19690090519	Development of a shipping container for liquid tanks Final technical report, 5 Jul. - 29 Oct. 1967	1967
19690090521	Purchase description, semiconductor device, diode quad, integrated	1967
19690090524	Research toward feasibility of an instrument for measuring vertical gradients of gravity Final report, 15 Jul. 1966 - 14 Sep. 1967	1967
19690090525	Atmospheric optical measurements in central Colorado in connection with long range oblique photography	1967
19690090530	Acoustical analysis of astronaut speech. Volume 1. Main text	1967
19690090531	Acoustical analysis of astronaut speech. Volume 2. Appendices Final report	1967
19690090611	Transistor evaluation 2N2944 - Sprague Electric p-n-p chopper, General Electric specification 7527325P1	1967
19690090616	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 26 Dec. 1966 - 26 Jan. 1967	1967
19690090625	On plasma research Quarterly progress report, 16 Apr. - 15 Jul. 1967	1967
19690090626	Elementary particle physics at Florida State University logistic background Progress report, 1 Nov. 1966 - 31 Oct. 1967	1967
19690090628	The University of Maryland cyclotron project Quarterly report	1967
19690090633	A unique description of the failure of a brittle material	1967
19690090634	A study of the computer memorization of maps	1967
19690090642	Starlet/Starlite system - Technical description	1967
19690090643	Assembly and demonstration of beta-ray excited X-ray sources	1967
19690090644	Characteristics and development report for the MC1981 actuator	1967
19690090645	Radiological safety studies of space nuclear systems Quarterly report	1967
19690090675	Design study and development of a reusable electrochemical timing cell /U/ Technical report, 28 Jun. 1965 - 2 Dec. 1966	1967
19690090685	Chamber technology for space-storable propellants /U/ Quarterly report, 25 Oct. 1966 - 25 Jan. 1967	1967
19690090707	US Air Force Accident Bulletin, 1967 /U/	1967
19690090731	Investigation of noise and attenuation characteristics of high-performance solid propellants /U/ Final report, 1 Oct. 1966 - 30 Sep. 1967	1967
19690090732	Dual mode scramjet. Part 1 - Inlet design and performance characteristics /U/ Technical report, Jun. 1966 - May 1967	1967
19690090733	Development of high-temperature materials for rocket nozzles and associated structures /U/ Summary report, 3 Jan. 1966 - 28 Feb. 1967	1967
19690090734	Hydrazine nitrate catalyst development /U/ Quarterly report, 1 Feb. - 30 Apr. 1967	1967
19690090735	Scramjet engine test program and application studies /U/ Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19690090737	Combustion tailoring criteria for solid propellants /U/ Phase report, 15 Mar. - 15 Oct. 1967	1967
19690090750	MDAU semiconductor device UTR-3310, unitorde, evaluation test report	1967
19690090757	Aerodynamic and trajectory analyses of a SNAP-27 graphite fuel cask	1967
19690090767	SNAP-23A program, phase 1 Thermoelectric converter development program Monthly report, Oct. 1967	1967
19690090769	Progress report	1967
19690090770	Experimental study of nuclear isomers Technical progress report, 17 Jan. - 30 Nov. 1967	1967
19690090771	AMSA capsule drop tests	1967
19690090772	Status and progress report, June 1967	1967
19690090774	Experiments with merging beams	1967
19690090775	Low-thrust trajectory optimization	1967
19690090776	Damping considerations in incompressible flutter theory	1967
19690090777	A digital program to assist in the prediction of airplane handling qualities	1967
19690090783	Poseidon dual transistor flat-pak 2621497	1967
19690090785	Optimization of nonlinear systems using the second variation with a state variable inequality constraint	1967
19690090787	The use of Monte Carlo techniques in the iterative method of solving the neutron transport equation	1967
19690090788	Solderability study	1967
19690090791	Integrated water recovery and biological wastes management for long duration space flights - A set of system studies	1967
19690090798	Bow shock wave characteristics, shock wave patterns of rigid ribbon parachute models with and without suspension lines at Mach 3.0 Final report, May 1966 - Jun. 1967	1967
19690090799	High temperature semiconductor radiation detectors Final report, 5 Dec. 1966 - 4 Dec. 1967	1967
19690090808	Evaluation test report on Apollo flat pack package seal integrity	1967
19690090809	A technique for optimizing tracking system configurations	1967
19690090814	Evaluation test report on Poseidon dual transistor flat pak 2621490	1967
19690090815	An investigation of environmental control/ life support system reliability and the potential of in-flight repair for long duration space flight	1967
19690090816	Thermal physical properties investigation of high temperature fibrous insulations	1967
19690090817	Neutral buoyancy simulation of spacecraft mobility aids	1967
19690090818	Information Storage and Retrieval /IS and R/ used as an analysis tool	1967
19690090869	Energy conversion for nonpropulsive space power systems	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090886	Evaluation test report Antelope G321 diode, Continental Device Co.	1967
19690090911	Hypersonic separated flow	1967
19690090931	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-3 - Stability and control analysis /U/ Final technical report	1967
19690090943	Dual mode scramjet. Part 2 - Combustor design and performance characteristics /U/	1967
19690090944	Effect of propellant additives and motor insulation on radar attenuation caused by rocket motor exhausts /U/ Quarterly technical report, 1 Aug. - 31 Oct. 1967	1967
19690090945	Charged particle accelerometer /U/ Final report, 22 Jan. 1966 - 22 Jan. 1967	1967
19690090946	Development of a multipurpose kit, volume 1 /U/ Final summary report, 22 Mar. 1963 - 15 Mar. 1967	1967
19690090947	Development of a multipurpose kit, volume 2 /U/ Final summary report, 22 Mar. 1963 - 15 Mar. 1967	1967
19690090948	Interhalogen handbook /U/ Final report	1967
19690090949	Advanced thrust chamber assembly program /U/ Final report, 1 Mar. 1965 - 15 Mar. 1967	1967
19690090950	Scramjet engine test program and application studies /U/ Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19690090974	Environmental research satellites for in-space friction experiments	1967
19690090982	The spin behavior of aircraft. Volume 1 Final report, 24 Jun. 1966 - 24 Dec. 1967	1967
19690090983	The spin behavior of aircraft. Volume 2 Final report, 24 Jun. 1966 - 24 Dec. 1967	1967
19690090984	The spin behavior of aircraft. Volume 3 Final report, 24 Jun. 1966 - 24 Dec. 1967	1967
19690090985	The spin behavior of aircraft. Volume 4 Final report, 24 Jun. 1966 - 24 Dec. 1967	1967
19690091002	Parametric summary - Influences of synchronous, inclined elliptical orbits on performance of a satellite navigation system	1967
19690091017	Synthetic aperture array technique for high resolution ocean bottom mapping Final report	1967
19690091023	Advanced weapons systems and civil defense	1967
19690091027	Sunspot number and solar cosmic ray predictions for cycle 20 /1965-1975/ with preliminary estimates for cycle 21	1967
19690091028	Comparative evaluation techniques as applied to the selection of environmental control/ life support concepts for advanced space missions - A complex decision under uncertainty	1967
19690091029	Determination of the rotational temperature from fluorescence spectra	1967
19690091030	Remote sensing	1967
19690091031	Oxygen supply system selection for manned spacecraft application	1967
19690091032	Development of the swing-out module, an aid to spacecraft subsystem maintenance	1967
19690091033	Electronics: Microcircuit Die Bonding and Interconnections	1967
19690091050	Inco 718 - Descaling, welding, and drilling	1967
19690091051	Skate weld tooling - Reusable flexible track	1967
19690091065	Series-expansion methods for calculating laminar boundary layers	1967
19690091066	Shock wave propagation through a thick plate silo closure	1967
19690091080	Reflections of the sea surface temperature field in low level cloud development - An observational air-sea interaction study from space Preliminary report	1967
19690091083	High modulus, graphite filament reinforced epoxy composites	1967
19690091096	RF beam steering	1967
19690091130	Component design report. All solid propellant post boost propulsion system design and demonstration. Propellant system. Part 1 - Propellant tailoring /U/	1967
19690091152	A practical calculation method for compressible turbulent boundary layers in two-dimensional and axisymmetric flows	1967
19690091154	Prediction of attenuation by rainfall in the 10.7-11.7 GHz communication band Research report, Jun. 1961 - Jun. 1965	1967
19690091157	Beryllium truss structures development	1967
19690091158	Effect of environmental pressure on biological stress from vibration	1967
19690091159	Thermodynamic studies of cryogenic propellant management	1967
19690091160	Preliminary design data for boron-epoxy composites	1967
19690091161	Plasma arc welding various metals	1967
19690091163	Oceanographic buoy climatological study	1967
19690091164	A methodology for comparison of generalized data management systems - PEGS /Parametric Evaluation of Generalized Systems/	1967
19690091171	Acceptance standards for aluminum fusion welds	1967
19690091172	Fracture mechanics - Plane strain characteristics of several materials at low temperatures	1967
19690091195	Effect of elevated temperatures on mechanical properties of fifteen silicide coating/columbium alloy systems	1967
19690091196	Development of an improved Viton rubber for aerospace applications	1967
19690091197	Arc penetration control during fusion /TIG/ welding	1967
19690091198	James, Pond, Clark check valve, spring poppet type, 1/4-inch 300 psig, manufacturer's part number 220 T2-4TB	1967
19690091199	Ultimate strength of pressure-stabilized cylinders	1967
19690091200	Hardened antenna systems	1967
19690091201	Superinsulation research and development program	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091204	Analysis of the results of an experimental program at Mach 14 on a simulated ablation model of a maneuverable re-entry configuration	1967
19690091205	On the hypersonic pressure distribution for compression surfaces of lifting-entry vehicles - Formulation of the three-dimensional problem	1967
19690091206	Finite span flap hypersonic control effectiveness	1967
19690091207	Heterodyne detection of monochromatic light scattered from a cloud of moving particles	1967
19690091208	Interference effects of wing-mounted nacelles on the aerodynamic characteristics of a subsonic twin-turbopfan airplane	1967
19690091215	Further development of the field effect monitor	1967
19690091216	Spacecraft attitude indicator	1967
19690091217	Preliminary physiological measurements on dry immersion bed	1967
19690091218	Underwater biomonitoring system description and data analysis	1967
19690091219	Renal function associated with plus G sub Z environment	1967
19690091220	Effect of a space facsimile radiation exposure on highly motivated performance. Series A - 50 percent body volume irradiated	1967
19690091223	Environmental data network systems analysis Final report	1967
19690091224	Locomotion on the lurain simulator	1967
19690091226	National atmospheric sciences program fiscal year 1968	1967
19690091227	Orientation during water immersion on the CEVAT centrifuge	1967
19690091233	Ideal weights of pressure vessels	1967
19690091266	Papers on integrated circuit synthesis, part 2 Technical report	1967
19690091267	Integrated circuits - High frequency effects and limitations	1967
19690091268	Tunable integrated circuits	1967
19690091269	RC synthesis using negative impedance convertors	1967
19690091270	Pole sensitivity in RC active filters	1967
19690091271	A floating, dc coupled, integratable gyrator	1967
19690091272	A study on gyrator analysis - The newcomb gyrator	1967
19690091273	State-variable synthesis of distributed RC network transfer functions	1967
19690091274	PNP transistors for integrated circuits	1967
19690091288	The use of the miscible calcium pool to assess artificial gravity requirements for skeletal support in space	1967
19690091301	Upper surface heating to lifting entry vehicles at small angles of incidence	1967
19690091307	Interaction of the solar plasma with surfaces	1967
19690091313	Simultaneous Trajectory and Targeting Simulation program /STTS/	1967
19690091322	Environmental control and life support applicable to advanced launch and entry systems	1967
19690091323	Research in the design of a real-time operating system	1967
19690091327	Recoverable Launch Vehicle Sizing Program	1967
19690091355	Measurement of the charge exchange cross-section of mercury Monthly progress report, 1-31 Dec. 1966	1967
19690091370	EVA work platform fuel temperatures	1967
19690091371	Exploratory investigation of vapor-chamber fin concept for space radiators Monthly progress report, 1-31 Jan. 1967	1967
19690091373	Analytical and experimental study of porous metal ionizers Monthly report, 4 Jan. - 4 Feb. 1967	1967
19690091409	The theory of free-convection arc columns	1967
19690091410	HS 303 satellite system equipment for Goonhilly - The no. 1 aerial primary feed Technical report, Apr. 1964 - May 1965	1967
19690091445	Analytical and experimental study of porous metal ionizers Monthly report, 4 Dec. 1966 - 4 Jan. 1967	1967
19690091455	Use of the Numerical Taxonomy System	1967
19690091478	Bulk synthesis of fluoroexplosives /U/ Final report, 19 Jan. 1965 - 31 Aug. 1967	1967
19690091494	A study of charged particle motion and magnetic radiation shielding fields Quarterly technical progress report, 10 May - 10 Aug. 1967	1967
19690091511	Entropy effects on the aerodynamic heating to slender lifting entry vehicle. Part 2 - Turbulent boundary layer test program definition	1967
19690091512	Development of Mild Detonating Fuze /MDF/ and associated components for use in emergency escape systems Technical research report, Dec. 1963 - Dec. 1966	1967
19690091529	Linear arrays of epitaxially grown Hg sub x Cd sub 1-x Te detectors /U/ Quarterly report, 17 Apr. - 17 Jul. 1967	1967
19690091535	Projectile physical properties investigation /U/ Final report, 15 Feb. 1965 - 15 Mar. 1966	1967
19690091540	Studies of the Sidewinder 1C aeromechanics. Part 2 - Dynamics, revision 1 /U/	1967
19690091566	High lift research	1967
19690091567	Development of Manufacturing Methods, Process Controls, and Computer Program for Fabricating Weldable Multilayer Printed Circuit Boards	1967
19690091578	Structural analysis of antennas	1967
19690091579	Sea-air interaction - A simplified model	1967
19690091583	Development of improved aerospace vehicle materials	1967
19690091610	Protozoan response to "null" magnetic fields Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091618	Design reference mission document cluster configuration mission. Flight S/AA-2. Volume 4 - Attitude mission timeline	1967
19690091625	Final report for the period 1 May 1966 - 31 Oct. 1967	1967
19690091626	Definition of experimental tests for a manned Mars excursion module. Volume 4 - Final briefing	1967
19690091655	Semiannual report, March - September 1967	1967
19690091657	C-1 engine program - Phase 2 development Biweekly progress report 4, 24 Dec. 1966 - 6 Jan. 1967	1967
19690091667	C-1 engine program - Phase 2 development Biweekly progress report 5, 7-20 Jan. 1967	1967
19690091691	A study of polymers containing silicon- nitrogen bonds Quarterly progress report, 4 Nov. 1966 - 3 Feb. 1967	1967
19690091693	Evaluation test report on Arma Teflon TFE sleeving no. 26	1967
19690091699	Marine geophysical survey data register NW Atlantic area 1 Summary report, 23 Jul. 1965 - 21 Jun. 1966	1967
19690091700	Oceanographic cruise summary De Long Strait Informal report, 20 Jul. - 26 Aug. 1966	1967
19690091701	Oceanographic cruise summary, Barents Sea Informal report, Jul. - Oct. 1966	1967
19690091705	C-1 engine program - Phase 2 development Biweekly progress report 7, 4-17 Feb. 1967	1967
19690091712	C-1 engine program - Phase 2 development Biweekly progress report 6, 21 Jan. - 3 Feb. 1967	1967
19690091749	The Multiple Incentive Contract Analyzer /MICA MOD 3/. Volume 1 - Operations manual	1967
19690091750	The Multiple Incentive Contract Analyzer /MICA MOD 3/. Volume 2 - Input data format manual	1967
19690091751	The Multiple Incentive Contract Analyzer /MICA MOD 3/. Volume 3 - Program manual	1967
19690091758	Engineer design test of mobility test article model GM-1 Summary test report, 21 Sep. 1966 - 15 Feb. 1967	1967
19690091771	C-1 engine program. Phase 2 - Development Biweekly progress report, 18-31 Mar. 1967	1967
19690091776	Aircraft noise measurements in the Georgetown area of Washington, D. C.	1967
19690091822	High-energy propellants based on fluorine oxidizers /U/	1967
19690091825	High energy explosive binders. Volume 1 - Polymer synthesis and evaluation /U/ Interim report, 1 Jul. 1966 - 30 Sep. 1967	1967
19690091840	Space Storable Propellants /U/	1967
19690091857	Investigation of gaseous nuclear rocket technology-classified programs /U/ Quarterly progress report, 16 Dec. 1966 - 15 Mar. 1967	1967
19690091904	Evaluation of the usefulness of the MOL to accomplish early NASA mission objectives. Volume 1 - Electrical power /U/	1967
19690091905	Evaluation of the usefulness of the MOL to accomplish early NASA mission objectives. Volume 2 - Environmental control/life support /U/	1967
19690091939	Low altitude test 1.0 minimum terrain clearance. Supplement 2 - Flight simulation model /U/	1967
19690091959	Feasibility study on a photo-reflection image tube /U/ Final technical report, May 1963 - May 1966	1967
19690091995	Transonic wind tunnel tests of a simulated TFG forward-mounted reaction jet control system on a typical missile configuration /U/	1967
19690091996	Transonic wind tunnel tests of two simulated forward-mounted reaction jet control systems on a typical missile configuration /U/	1967
19690091997	Transonic wind tunnel tests of two simulated forward-mounted reaction jet control systems on a typical missile configuration /U/	1967
19690092000	Delta-50 Anchored Interplanetary Monitoring Platform-E /AIMP-E/ Operations summary	1967
19690092022	Delta-39 Anchored Interplanetary Monitoring Platform-D /AIMP-D/ Final field report	1967
19690092030	Lunar mission modular data book	1967
19690092031	An orbital targeting and entry simulation	1967
19690092033	The preparation, structures, and properties of the boron hydrides A literature review	1967
19690092045	Life Support System Requirements. Part 2 - Life Science Studies of Environmental and Crew Factors for Advanced Missile Systems	1967
19690092046	Life Sciences Studies of Environmental and Crew Factors for Advanced Missile Systems. Part 3 - Crew Factors and Habitability Criteria	1967
19690092061	Multiplexing - A method of simplifying aerospace vehicle electrical systems	1967
19690092062	Advanced ICBM booster and front-end synthesis programs	1967
19690092072	An ablating model for RV dispersion analysis	1967
19690092073	Clocked flip-flop	1967
19690092076	Microelectronic functional components nand gates	1967
19690092077	Microelectronic functional components nand gates	1967
19690092078	Microelectronic functional compounds nand	1967
19690092101	Manned exploration missions	1967
19690092102	Study of fission gas release from uranium dioxide samples irradiated at different doses Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19690092112	Failure mechanisms in silicon semiconductors due to surface effects	1967
19690092138	Spherical lens Semi-active Radar Anti-air Guidance /SRAG/ system Quarterly progress report, 6 Jun. - 21 Sep. 1967	1967
19690092166	Engineer design test of mobility test article, 6X6, block 1 of NASA lunar surface vehicle studies /hard surface phase/ Summary report	1967
19690092167	Improved instrument for dynamic strain measurement	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092173	Chronology of sea water	1967
19690092185	Consolidation of control gains and shaping networks for AS-501 through AS-504, S-4B stage burn	1967
19690092191	Space storable propellant performance Monthly progress report, 25 Jul. - 31 Aug. 1967	1967
19690092240	Byurakan - Sky window	1967
19690092300	Regenerative carbon dioxide removable system - Apollo applications program environmental control/life support system	1967
19690092313	Apollo applications program. Volume 1 - Task 4.1 mission analysis Bimonthly summary report	1967
19690092349	Deleted record	1967
19690092352	Cesium feed system electrical isolation Monthly progress report	1967
19690092364	Cesium feed systems electrical isolation Monthly progress report	1967
19690092372	Cesium feed systems electrical isolation Monthly progress report, Jun. 1967	1967
19690092376	Cesium feed systems electrical isolation Monthly progress report, 1 Jan. - 31 Mar. 1967	1967
19690092382	Cesium feed systems electrical isolation Monthly progress report, 1-30 Apr. 1967	1967
19690092383	Cesium feed system electrical isolation Monthly progress report	1967
19690092436	Consultant support study - Manipulator systems for space application. Volume 1 - Summary technical report	1967
19690092485	Nondestructive testing of advanced aerospace materials	1967
19690092486	Ablative thermal protection systems development	1967
19690092488	Consolidated quarterly report, 1 October - 31 December 1967	1967
19690092490	Study of charged particle motion in magnetic radiation shielding fields Quarterly technical progress report, 10 Feb. - 10 May 1967	1967
19690092522	Viscous interaction and nose bluntness effects on lifting entry vehicles	1967
19690092533	Program review - Life sciences	1967
19690092549	Program description VESS Monte Carlo trajectory program VMCTP	1967
19690092551	C-1 engine program. Phase 2 - Development Biweekly progress report, 1-14 Apr. 1967	1967
19690092580	Saturn S-4B-203 stage flight evaluation report, volume 2	1967
19690092633	Space torques on an N body vehicle	1967
19690092634	Spacecraft Thermal Analysis	1967
19690092635	Current rating method for power feeders in aerospace vehicles	1967
19690092636	Forming and joining of thoria dispersed nickel chromium alloy, TDNiC alloy sheet	1967
19690092637	Development of ablative composites for maneuverable lifting reentry spacecraft thermal protection systems	1967
19690092644	Engineering test of E13 collective protector for M577 command post carrier Final report	1967
19690092669	Project Stardust, volume 1, chapters 1-6 Final report	1967
19690092676	Turbine flowmeter performance model Final report	1967
19690092677	Hot structure design and development	1967
19690092680	Earth Resources Technology Satellite study	1967
19690092689	Minutes Of Second Cumulative Damage Technical Coordination Meeting	1967
19690092701	Head-up display review Human engineering technical report	1967
19690092719	The creep of steel-cored aluminum conductors	1967
19690092727	Optimization of orbital maneuvering for maximum coverage of planetary sites	1967
19690092759	Thermal radiation	1967
19690092769	Mechanical properties and toughness characteristics of 7075 and 7178 aluminum alloys in corrosion resistant tempers	1967
19690092771	A 12 engine six degree of freedom space vehicle simulation	1967
19690092773	Vacuum deposition of silicon on corundum	1967
19690092777	Electropolishing of germanium surfaces. Part 2 - Static cell anodic dissolution of single crystal germanium	1967
19690092780	Evaluation of Typical IU Type Solder Joints and Potential Fixes	1967
19690092781	Analysis models for plate elements in the membrane state of stress	1967
19690092782	The effects of using a dry box on the quality and properties of aluminum and K-Monel welds	1967
19690092787	Lecture notes on basic underwater sound	1967
19690092789	Reactor/shield subsystems for Manned Orbiting Research Laboratories /MORL/, volume 1	1967
19690092804	Truss Antenna Geometry Optimization program /AGO/, user's manual	1967
19690092805	Advanced wing design, phase 2	1967
19690092806	An extension of the Kalman filter for correlated disturbances and colored measurement noise	1967
19690092807	Hybrid computer simulation to assist in the prediction of airplane handling qualities	1967
19690092822	Thermal degradation of nonmetallic metals	1967
19690092870	Integrated survival suit for Navy air crew	1967
19690092871	Structural flight loads experienced by combat aircraft	1967
19690092872	Fibrous composite structures for naval aircraft	1967
19690092873	Hafnium alloys - New entries in the race to hurdle the thermal barrier	1967
19690092874	Revolutionary improvement in digitizing shaft-angle position	1967
19690092875	Portable line-drawing rectification system	1967
19690092877	The heat of formation of propellant ingredients /U/	1967
19690092890	Development of manufacturing methods for production of a wide dynamic range television pickup tube, part 2 /U/ Final design specification, 1 Sep. - 30 Nov. 1965	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092897	Phenomena occurring at explosive metal interfaces /U/ Final report, Apr. 1966 - Jun. 1967	1967
19690092900	End-of-life shutdown feasibility studies /U/	1967
19690092903	Research directed toward development of a coherent infrared ranging and seeker system /U/ Final report	1967
19690092911	Performance evaluation of Lycoming T53-L-13 engine with infrared suppressor /kit 2/ /U/ Final report	1967
19690092913	Solid rocket structural integrity abstracts, volume 4, no. 1C /U/	1967
19690092922	Evaluation of acoustic liners for rocket chambers /U/ Quarterly progress report, 1 Feb. - 1 May 1967	1967
19690092935	ICBM booster configuration studies /U/	1967
19690092942	Fabrication of clad fuel pellet containment vessel assemblies /U/ Final report	1967
19690092979	Monthly project progress report, month ending 15 March 1967 /U/	1967
19690092989	Thomson scatter studies of the ionosphere	1967
19690092990	Review of the theory of Thomson scatter	1967
19690092991	Physical and computational considerations in the interpretation of Thomson scatter spectra	1967
19690092992	Effects of neutral collisions and drifts on the spectra of Thomson scattered signals	1967
19690092993	The determination of ionic composition and temperature from the spectra of Thomson scattered signals	1967
19690092994	The enhanced plasma line	1967
19690092995	Computation of autocorrelation functions describing the fluctuations in Thomson scatter experiment	1967
19690092996	Observations of proton gyro-resonance	1967
19690092997	Design considerations for Jicamarca	1967
19690092998	The Millstone Hill ionospheric radar	1967
19690092999	The design and construction of Arecibo	1967
19690093000	The SRI 1300 MHz radar	1967
19690093001	The design of the CNET bistatic Thomson scatter sounder Saint Santin-Nancay	1967
19690093002	The RRE ionospheric scatter radar	1967
19690093003	CAMROC antenna studies	1967
19690093004	Design studies for the largest feasible steerable telescope	1967
19690093005	D and E studies at Arecibo	1967
19690093006	E and F1 region measurements at Saint-Santin	1967
19690093007	The temperature and composition of the E and F1 regions	1967
19690093008	Thomson scatter measurements at SRI	1967
19690093009	A study of scattering cross sections in the lower ionosphere at 448 MHz	1967
19690093010	E and F1 region composition and temperature measurements at Arecibo	1967
19690093011	Observations of the E and lower F regions at Malvern	1967
19690093012	Electron, ion and neutral temperatures at the magnetic equator	1967
19690093013	Observations of the F2 region and topside composition and temperature at Arecibo	1967
19690093014	F2 region measurements at Saint Santin including winds	1967
19690093015	Some preliminary F2 region studies at Malvern	1967
19690093016	Diurnal and seasonal variations of the F region over Millstone at sunspot minimum	1967
19690093017	Traveling ionospheric disturbances associated with magnetic storms	1967
19690093018	Comparison of synoptic temperature measurements at MIT and PARL	1967
19690093019	Traveling disturbances observed at Jicamarca	1967
19690093020	Determination of electron concentration and magnetic field inclination from the Faraday rotation of an incoherently scattered signal	1967
19690093021	A systematic height discrepancy between simultaneous Alouette 1 and incoherent scatter electron concentration profiles	1967
19690093023	Photoelectron production and escape in the ionosphere	1967
19690093024	Thermal conduction and heat exchange processes in the ionosphere	1967
19690093025	The thermal structure of the ionosphere and protonosphere	1967
19690093026	The cooling of the protonosphere	1967
19690093027	The thermal behavior of the ionosphere through the sunrise period	1967
19690093028	Neutral atmospheric temperatures from incoherent scatter observations	1967
19690093029	Thomson scatter measurements concerning the neutral atmosphere	1967
19690093030	Conjugate point effects observed at Arecibo	1967
19690093031	Conjugate point effects observed in France	1967
19690093032	Photoelectron escape flux determinations at Millstone Hill	1967
19690093033	The photoelectron energy spectrum from plasma line observations	1967
19690093034	Heat production in the ionosphere	1967
19690093035	Ionospheric heating results obtained at Arecibo	1967
19690093036	Incoherent backscatter observations of the F region during the 12 November 1966 solar eclipse	1967
19690093041	Evaluation of units during and after specified environments	1967
19690093052	Stellar-inertial-Doppler system Final report, Jul. 1963 - Apr. 1967	1967
19690093059	A study of liquid mercury isolator development Quarterly progress report, 20 Jan. - 30 Apr. 1967	1967
19690093063	Cesium feed systems electrical isolation Quarterly progress report	1967
19690093085	LM-2 Mission Modular Data Book /MMDB/	1967
19690093095	Synthesis of thermally-stable polymers Summary report, 1 Jan. 1966 - 1 Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093102	Reconnaissance simulation model. Volume 2 - Program preparation and operator's guide Final report, May 1966 - Apr. 1967	1967
19690093103	Reconnaissance simulation model. Volume 3 - Programmer's guide	1967
19690093104	Reconnaissance simulation model. Volume 3 - Supplement source listings	1967
19690093120	The effect of explosive gas blast on the ALSEP active seismic experiment Engineering report and data, no. 6	1967
19690093130	Apollo/Saturn 5 launch mission rules. Apollo 4 /AS-501/ Final report	1967
19690093134	Apollo/Saturn 5 launch operations plan AS-501/502	1967
19690093138	Thermal vacuum test of Oscar-13 solar panels, SN's 6, 7, 8 and 9	1967
19690093141	FLSC cutter assembly/dual titanium straps gap test Final report	1967
19690093142	Gemini B antenna system testing Final report	1967
19690093149	Evaluation of testing techniques for filament wound composites Final report, 15 Jan. - 15 Jul. 1966	1967
19690093156	Dodge satellite power system	1967
19690093159	Operation and service manual for ejection seat functional test fixture 52E040089	1967
19690093160	Operation and service manual for hatch actuator test fixture 52E040094	1967
19690093161	Orbiting vehicle nonmetallic materials combustion and atmospheric contaminant control standard for the MOL orbiting laboratory program	1967
19690093172	The effect of flow on the forces acting on the impeller of a centrifugal machine	1967
19690093175	Evaluation of RF inductor, aladpin 88-184	1967
19690093177	Relief valve, 1-by 2-inch, 950 psig, Anderson Greenwood Co. part no. 81S88-6 special	1967
19690093181	Concerning the characteristic of bubble mixed flow - An experiment on two phase bubble flow through a divergent channel	1967
19690093183	Research in nitromonomers and their application to solid smokeless propellants Annual progress report, 15 Sep. 1966 - 14 Sep. 1967	1967
19690093184	Extremely short antenna techniques Final report, 5 May 1966 - 31 Jul. 1967	1967
19690093185	BeO ceramics for microwave applications Final report, 10 Apr. 1965 - 10 Aug. 1967	1967
19690093189	Cesium feed systems electrical isolation Quarterly progress report	1967
19690093191	The fabrication of iridium and iridium-alloy coatings on graphite by plasma-arc deposition and gas pressure bonding Quarterly progress report, 10 Apr. - 10 Jul. 1967	1967
19690093192	RF crossbar switch for automatic signal distribution Final report, 1 May 1966 - 31 Jul. 1967	1967
19690093198	An experimental investigation of face seal behaviour at sealed pressures up to 3000 lb/sq inch	1967
19690093200	Nimbus B - Command and telemetry directory. Volume 1 - Service subsystems	1967
19690093205	Minutes of first Cumulative Damage Technical Coordination Meeting	1967
19690093207	Land mass simulation report for device 2F67C Final report	1967
19690093208	Stellar-inertial-Doppler system Final system report, Jul. 1963 - Apr. 1967	1967
19690093210	MOL zero g development test report, DD form 1423, data item UT-/110/	1967
19690093212	MOL fire safety activities /briefing/	1967
19690093215	Operation and service manual for inertial platform test console 52E270020	1967
19690093216	Operation and service manual for spacecraft battery load bank 52E230073	1967
19690093217	Gemini B orbital storage test of reentry control system engine propellant valves Final report	1967
19690093218	Coolant pump power inverter-motor running characteristics Final report	1967
19690093219	Observations of face seal flatness after use	1967
19690093224	Evaluation of units during and after specified environments	1967
19690093225	Test for resistance change due to shelf life and 15 hour immersion in Freon 114 Final report	1967
19690093228	Assessment of crew efficiency - The development of a miniaturized Rater, model 3	1967
19690093244	Wind tunnel fluctuating pressure tests on a 10 percent scale model of the Gemini B spacecraft at Ames unitary plan wind tunnel Final report	1967
19690093245	Operation and service manual for spacecraft sequence recorder 52E230003	1967
19690093246	GBQ antenna tests Final report	1967
19690093258	Investigation of the reaction positive kaon plus proton yields neutral kaon plus proton plus positive pion plus positive pion plus negative pion at 2195 GeV/c	1967
19690093269	Condensate wetting of suit heat exchanger water separator plates Final report	1967
19690093270	Item test plan /computer program/ Gemini B procedures simulator. Sequence no. 29T, data item U-T-216	1967
19690093271	Operation and service manual for spacecraft instrumentation system test set 52E440040	1967
19690093273	Operation and service manual for hand controller tester kit 52E270049	1967
19690093275	MOL rigid body fluctuating pressure test /1AL2/ - Sequence no. B333, data item U-T-135	1967
19690093289	Cesium feed systems electrical isolation Quarterly progress report	1967
19690093291	MOL safety evaluation based on Apollo 204 review board findings and recommendations, and Brooks Air Force Base accident investigation board conclusions	1967
19690093292	Gemini B Electronic Systems Test Unit /ESTU/	1967
19690093293	Gemini B ejection seat functional test air drop test plan	1967
19690093294	Vibration test of the 52-88115-21 light assembly, photographic Final report	1967
19690093295	Re-entry module/adaptor interconnect fairing aerodynamic heating wind tunnel tests, AEDC tunnel B Final report	1967
19690093296	EBW firing unit development Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093300	Natural image computer, volume 1 Final technical report, Jun. 1964 - Mar. 1967	1967
19690093301	Recovery of boosters at sea Final report	1967
19690093311	Orbiting experiment for study of extended weightlessness Final report	1967
19690093325	A proposal for the study of high energy cosmic rays	1967
19690093335	Evaluation of wire characteristics for use on Gemini B Final report	1967
19690093358	Electro-interference test, WS-133A-M/494L launch system complex - WTR Final test report, 24 Sep. - 24 Oct. 1966	1967
19690093366	Qualification of Fenwal thermal resistor 885C668P1	1967
19690093374	Qualification test of self locking screws	1967
19690093377	Natural image computer, volume 2 Final technical report, Jun. 1964 - Mar. 1967	1967
19690093406	Critical design review package for environmental control unit CEI no. MOL-109A	1967
19690093407	Development test of Z100 FLSC cutter assembly with dual titanium straps Final report	1967
19690093408	Functional tests on two coolant pump assemblies Final report	1967
19690093420	Massive overload of Kynar /5M974 and 5M975/ insulated wire in air Final report	1967
19690093421	Transistor dc characterization	1967
19690093422	Massive overloads on Teflon, Kapton and Kynar insulated wire in an oxygen atmosphere Final report	1967
19690093423	Gemini B limit switches - Spacecraft pressure effects Final report	1967
19690093424	Dissection of hatch actuator breech cartridge, P/N A218-10/15-1006/ Final report	1967
19690093425	Functional tests on two Gemini B coolant pump assemblies Final report	1967
19690093426	Interface heat exchanger interstitial material element test - Heat transfer Final report	1967
19690093427	Coolant pump power inverter - Breadboard evaluation testing Final report	1967
19690093449	Vibration test of 58T030051-1 Gemini B adapter relay panel assembly Final report	1967
19690093454	Current sensitive relays, qualification tests, BuWeps DWG, no. 1562825	1967
19690093477	EMI test of Gemini B limit switches Final report	1967
19690093498	Operation and service manual for IMU auxiliary age platform alignment mount reference 52E270006, IMU test point panel 52E270008, three-axis platform dolly 52E270036, IMU test cable set 52E270053	1967
19690093499	Operation and service manual for attitude indicator EFC console 52E270035	1967
19690093500	Operation and service manual for control relay EFC tester 52E230014	1967
19690093501	Operation and service manual for portable pyrotechnic tester 52E400004	1967
19690093502	Operation and service manual for guidance and control recorder assembly 52E270062	1967
19690093503	Operation and service manual for spacecraft battery balancing unit 52E230131	1967
19690093505	Operation and service manual for spacecraft battery charger 52E230075	1967
19690093524	Interference prediction model development - Multisignal response curves of radio receivers	1967
19690093525	Interference prediction model development - Antenna module	1967
19690093542	Torque versus motor input current for coolant pump motor P/N 52-83700-403, S/N 123-111 Final report	1967
19690093544	Self-contained calibration mechanization Final report, May - Aug. 1967	1967
19690093545	Parametric design and sensitivity study of rapid alignment mechanizations Final report, May - Aug. 1967	1967
19690093547	Annual report	1967
19690093556	Launch vehicle preliminary abort and alternate mission studies - AAP-1 Mission	1967
19690093564	VTOL rapid site preparation by the air drop and ground pour techniques Final report, 1 Feb. - 1 Dec. 1966	1967
19690093586	Operation and service manual for squib simulator 52E400005	1967
19690093587	Operation and service manual for guidance and control EFC recorder 52E270069	1967
19690093588	Operation and service manual for umbilical cable tester 52E200004	1967
19690093589	Operation and service manual for computer data display system 58E270803	1967
19690093593	Operation and service manual for relay panel EFC console 52E230010	1967
19690093595	Operating procedures - In-transit power distribution /facility measurement systems/ launch umbilical tower, launch complex 39	1967
19690093609	Evaluation of D907598-2 stepper servo motors	1967
19690093612	Second generation OSCAR solar power system analysis and test	1967
19690093618	Airborne wire detector /U/	1967
19690093619	An airborne acoustic locator system /U/	1967
19690093620	Airmobile maneuver requirements in counterinsurgency /U/	1967
19690093621	The flex wing XV-8A - A primitive STOL utility aircraft	1967
19690093622	Suds, sonic/ultrasonic detection system	1967
19690093623	Analysis of armed helicopter and artillery forward observer missions in Vietnam /U/	1967
19690093625	Eyeglass stabilized airborne night observation systems /U/	1967
19690093628	The Mohawk surveillance system and its employment in Southeast Asia /U/	1967
19690093636	Qualification of toggle switch	1967
19690093638	Qualification of Mercury switch	1967
19690093645	Gemini B oxygen safety study. Volume 1 - Summary and recommendations	1967
19690093646	Gemini B oxygen safety study. Volume 2 - NASA Gemini environmental control system data	1967
19690093647	Gemini B oxygen safety study. Volume 3 - Materials summary	1967
19690093648	Gemini B oxygen safety study. Volume 4 - Equipment review	1967
19690093649	Gemini B oxygen safety study. Volume 5 - Cabin egress	1967
19690093650	Gemini B oxygen safety study. Volume 6 - Procedures-ground testing and flight	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093651	Gemini B oxygen safety study. Volume 7 - Simplified two gas system	1967
19690093652	Gemini B oxygen safety study. Volume 8 - Inflight emergency operations and procedures	1967
19690093653	Gemini B oxygen safety study. Volume 9 - Testing	1967
19690093656	Operation and service manual for spacecraft ground cooling auxiliary refrigeration unit 52E180172	1967
19690093657	Operation and service manual for spacecraft command system checkout and monitor 58E190513	1967
19690093660	Operation and service manual for C-band antenna probe assembly 52E190012	1967
19690093688	Gemini B aerodynamic data book. Volume 2 - Static and oscillatory aerodynamic pressures and airload distributions	1967
19690093696	Qualification of toggle switch	1967
19690093703	Operation and service manual for external power system control and monitor 52E230005 spacecraft and module test power supply 52E230038 blockhouse dc power supply 52E230008	1967
19690093736	Evaluation - Epoxy resin product Scotchcast XR 5038, type 2	1967
19690093751	Semiconductor screening survey	1967
19690093801	AAP lunar mission study. Appendix 2 - Candidate LM derivatives. Section 2.3 - Representative spacecraft configurations	1967
19690093803	Apollo application program study - utilization of LM for advanced applications Final report ending, Nov. 1967	1967
19690093804	AAP lunar mission study. Appendix - C.2 candidate LM derivatives	1967
19690093811	Use of large solid motors in booster application	1967
19690093838	Apollo applications program study of utilization of LM for advanced applications Final progress report	1967
19690093852	C-1 engine program. Failure mode and effects analysis Final report	1967
19690093863	Preflight certification test report - Coolant pump assembly for a thermal conditioning system, book 1	1967
19690093864	Preflight certification test report coolant pump assembly for a thermal conditioning system for National Aeronautics and Space Administration /Marshall Space Flight Center/, book 2, appendixes	1967
19690093869	Design reference mission document cluster configuration mission flight S-AA-2. Volume 2 - Detailed reference trajectory	1967
19690093870	Design reference mission document cluster configuration mission flight S-AA-2. Volume 3 - Detailed crew activities and integrated mission timeline	1967
19690093871	Design reference mission document flight S-AA-2. Volume 5 - Mission support requirements	1967
19690093872	Design reference mission document cluster configuration mission flight S-AA-2. Volume 6 - Alternate mission plans and contingency planning	1967
19690093875	Study on exhaust plume radiation predictions Progress report	1967
19690093880	C-1 program special report. Qualification of suppliers to Thiokol-RMD requirements	1967
19690093919	Apollo applications program study of utilization of LM for advanced applications Bi-monthly progress report, Mar. - Apr. 1967	1967
19690093975	Operation and service manual for time code generator 52E440027 and timing distribution system 52E440065	1967
19690093976	Operation and service manual for thermocouple checkout 52E440047	1967
19690093977	Operation and service manual for standard temperature monitor system 52E440044	1967
19690093978	Operation and service manual for sequence control and monitor console 52E230012 and electronic timer control panel 52E270048	1967
19690093984	Operation and service manual for ACPU EFC charger/tester 52E270071	1967
19690093985	Interference prediction model radar receiver model	1967
19690093988	Advanced thermoelectric development program progress report, February - April 1967 and program status summary report /U/	1967
19690094000	OF2/LPG ignition program, volume 1 /U/	1967
19690094033	Systems scoring development - Articulation score versus articulation index	1967
19690094044	Gemini B interface heat exchanger flow distribution test Final report	1967
19690094050	Flight mission rules Apollo 5 204 LM-1 Final report	1967
19690094060	Direction finder group AN/TLA-11/ / Annual report, 31 Dec. 1966 - 30 Jun. 1967	1967
19690094062	Experimental results of radiation damage in solar cells	1967
19690094066	Improved performance techniques for small antennas Quarterly report, 16 Nov. 1966 - 15 Feb. 1967	1967
19690094096	F-111A category 2 stability and control test Progress report, Jan. - Jul. 1967	1967
19690094151	Azimuth and elevation direction finder techniques Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19700014757	Development of techniques for the construction of semiconductor networks and devices	1967
19700025380	A simulation study of entry ranging using the CM block 2 Entry Monitoring System /EMS/ - Project Apollo	1967
19700032056	Means for communicating through a layer of ionized gases Patent	1967
19700070309	Intersensory facilitation of reaction time	1967
19700070318	Mechanisms of orienting reaction in man - Some observations on evoked responses in relation to temporal conditioning to paired stimuli in man	1967
19700070426	On the optimal behavior of the human controller - A pilot study comparing the human controller with optimal control models	1967
19700070722	A preferential scheduling technique for earth-orbit missions Summary project report	1967
19700070798	Feasibility Study of Optical Techniques for Measurement of the Vector Velocities of Micrometeoroids	1967
19700070852	Development of a micrometeoroid simulation device - Constant area accelerator, volume 2 Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700070893	An airborne multispectral television system	1967
19700071545	KWIC index of new dimensions in marketing, volume 1, 1967	1967
19700071678	Electron interaction effects on the soft X-ray emission spectrum of metals	1967
19700072054	Saturn 5 AS-504 launch vehicle reference trajectory, volume 2, book 6	1967
19700072241	Development and fabrication of a flight qualified aerosol particle analyzer Final report	1967
19700072315	Design criteria for spacecraft propulsion systems Volume 1 - Summary and conclusions Final report	1967
19700072317	Design criteria for spacecraft propulsion systems Volume 2 - Propulsion design criteria and design data Final report	1967
19700072319	Design criteria for spacecraft propulsion systems Volume 3A - Detailed propulsion scaling and design data Final report	1967
19700072403	Preliminary interface control document. X-ray Astronomy Experiment B. Apollo Applications Program /AAP/ flight	1967
19700072446	Analysis of electronic methods of spiral antenna scanning	1967
19700072449	Pre-injection trajectory characteristics report AC-14	1967
19700072562	Electron spectrometer for ATS 1 and 2 Final report, Mar. 1965 - Dec. 1967	1967
19700072669	Feasibility study of positive gauging systems, volume 1. Phase 1 - Preliminary analyses	1967
19700072674	Radiation from ring sources of electric or magnetic dipoles with different orientations in free space	1967
19700072763	Engineer design test of mobility test article model GM-1 Final report, 21 Sep. 1966 - 15 Feb. 1967	1967
19700072764	MTA terrain identification supplement to final report on engineer design test of mobility test articles models Bx-1 and GM-1	1967
19700072963	Presentation of Fuel Cell Power Systems for Apollo Applications Program	1967
19700073085	Thermal model of the Block 2 Apollo command module	1967
19700073190	The S-4B station module study - Final briefing	1967
19700073213	Analysis of Secondary-flow-control Methods for Confined Vortex Flows	1967
19700073228	Nuclear criticality study of a specific vortex-stabilized gaseous nuclear rocket engine	1967
19700073273	Experiments to Investigate Particulate Materials in Reduced Gravity Fields Technical Summary Report, 26 Jun. 1965 - 15 Feb. 1967	1967
19700073283	Mechanization of inductive inference in organic chemistry	1967
19700073470	Theoretical effect of seed opacity and turbulence on temperature distributions in the propellant region of a vortex-stabilized gaseous nuclear rocket	1967
19700073472	Preliminary Conceptual Design Study of a Specific Vortex-stabilized Gaseous Nuclear Rocket Engine	1967
19700073631	Design and construction of a twin ruby laser	1967
19700073642	Some Studies of Whistler Mode Amplification	1967
19700073658	MTA terrain identification supplement to test report on engineer design test of mobility test articles models BX-1 and GM-1	1967
19700073707	Engineer design test /block 1/ of mobility test article model Bx-1	1967
19700073770	Handbook of extrapolated lambda sampling plans for silicon transistors	1967
19700073802	Bibliography on planetary quarantine. Volume 3 - Engineering parameters	1967
19700073803	Interagency agreement between the National Aeronautics and Space Administration, the Department of Agriculture, the Department Health, Education and Welfare, the Department of the Interior, and the National Academy of Sciences on the protection of the earth's biosphere from lunar sources of contamination	1967
19700073805	Bibliography on planetary quarantine. Volume 1 - Policy	1967
19700073934	Basic studies in environmental microbiology as related to planetary quarantine. Part 1 - Assay methodology. Part 2 - Natural die-off of contaminants Progress report, 1 Nov. 1966 - 30 Jun. 1967	1967
19700073935	Study of attributes of mated surfaces that affect the heat destruction of microorganisms located in these areas	1967
19700073997	Concepts and significance of enzyme evolution	1967
19700074003	Laser ranging to lunar retroreflectors - Signal detection, location in range-time, and timing precision. Laser pulse uniformity and timing	1967
19700074004	A numerical filter program	1967
19700074108	Evidence for plasma turbulence in the equatorial electrojet	1967
19700074119	Purification and properties of tuna supernatant and mitochondrial malate dehydrogenases	1967
19700074124	The effect of bedrest on various parameters of physiological function. Part 1 - Review of the literature on the physiological effects of immobilization	1967
19700074125	The effect of bedrest on various parameters of physiological function. Part 2 - Experimental design	1967
19700074126	The effect of bedrest on various parameters of physiological function. Part 3 - Bioinstrumentation	1967
19700074128	The effect of bedrest on various parameters of physiological function. Part 5 - Dietary requirements	1967
19700074129	The effect of bedrest on various parameters of physiological function. Part 6 - The effect of the performance of periodic flack maneuvers on preventing cardiovascular deconditioning of bedrest	1967
19700074130	The effect of bedrest on various parameters of physiological function. Part 7 - Cardiac and ventilatory response to the bicycle ergometer test	1967
19700074131	The effect of bedrest on various parameters of physiological function. Part 8 - The effect on the cardiovascular tolerance to passive tilt	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700074132	The effect of bedrest on various parameters of physiological function. Part 9 - The effect on the vital signs and circulatory dynamics	1967
19700074134	The effect of bedrest on various parameters of physiological function. Part 11 - The effect of bedrest on blood volume, urinary volume, and urinary electrolyte excretion	1967
19700074135	The effect of bedrest on various parameters of physiological function. Part 12 - The effect of bedrest on bone mass and calcium balance	1967
19700074136	The effect of bedrest on various parameters of physiological function. Part 13 - A review of possible mechanisms of orthostatic intolerance to passive tilt	1967
19700074137	The effect of bedrest on various parameters of physiological function. Part 14 - Effect of bedrest on plasma levels and urinary excretion of 17-hydroxycorticosteroids	1967
19700074251	Sterilization of unmanned planetary spacecraft - A report on current technology Internal note	1967
19700074705	Sterilization reference booklet	1967
19700074820	A method for calculating flow field properties in low density plumes	1967
19700074858	Recommended procedures for predicting random vibration environments in MSFC aerospace vehicles	1967
19700074893	Committee on Image Tubes for Telescopes Annual report, 1965 - 1966	1967
19700075005	Effect of polycythemia and chronic hypoxia on heart mass in the chicken	1967
19700075027	Saturn 5 single launch space station and observatory facility, study contract - Midterm oral review	1967
19700075028	Prototype digital test set for the checkout systems experimental facility. Onboard checkout system requirements for the subsystem test bed Final report	1967
19700075078	Engineer design test of mobility test article, 6X6, block 1 of NASA lunar surface vehicle studies /hard surface phase/ Final report	1967
19700075539	Summary of experience with short-duration low frequency chamber pressure oscillation on LM ascent engine	1967
19700075540	Model 8533 thrust chamber injector combustion stability evaluation	1967
19700075697	LO2 chilldown system shutoff valve, SCN 1A49965-521, formal qualification test, revision Y	1967
19700075701	Narrative end item report, Saturn S-5B-504N. Volume 1 - SSC	1967
19700075737	Information for initial mission planning of lunar orbits	1967
19700075753	Conversion of digital television display system to 729/525 system	1967
19700075950	Bonded segmented bulkhead /DA-103/ test plan	1967
19700076062	Vendor awareness program	1967
19700076065	Safety review of KSC technical operating procedures	1967
19700076091	Calibration procedures index	1967
19700076092	KSC Fire Department - Fuels and propellants	1967
19700076098	Engineering test technical memorandum, model DSV-4B qualification test Solenoid Valve, 1/4 inch 6000 PSIG DAC P/N 1A69815-517	1967
19700076104	Mission training program for the first manned Apollo mission	1967
19700076166	S-1C stage project management plan. Volume 1	1967
19700076169	Applicable specifications and deviations for Saturn S-2 stage and ground support equipment	1967
19700076186	Pressure transducer high accuracy, heated GSE qualification test, P/N 1B32293-515	1967
19700076195	NASA-Apollo program management, volume 1	1967
19700076205	Saturn S-4B-209 stage acceptance firing report	1967
19700076207	Vent port check valve vibration tests Technical memorandum, 16 - 17 Jun. 1967	1967
19700076209	Contract end item detail specification /prime equipment/. Part 1 - Performance/design and qualification requirements and product configuration and acceptance test requirements for S-4B stages 201 through 204 for Saturn 1B program	1967
19700076211	Saturn S-4B-203 stage, volume 2 Flight evaluation report	1967
19700076215	LO2 chilldown system shutoff valve, SCN 1A49955-521, formal qualification test	1967
19700076216	Distribution of some newer antibiotics within the kidney interstitium - A therapeutic consideration in pyelonephritis	1967
19700076227	Oxidizer tank relief valve vibration and shock tests Technical memorandum, 21 Mar. - 2 May 1967	1967
19700076242	Chilldown inverter acoustical tests-SII	1967
19700076247	Survey of satellite reliability, test and checkout programs	1967
19700076257	Fuel vent directional control valve vibration and shock tests	1967
19700076263	LOX vacuum jacketed duct vibration tests, Program Saturn	1967
19700076302	Saturn 1C stage - Project management plan, volume 2, revision D	1967
19700076380	Saturn S-4B-209 Stage Acceptance Firing Test Plan	1967
19700076395	Saturn S-4B-208 stage acceptance firing report	1967
19700076405	Distributions and total vehicle aerodynamic coefficients for the Atlas SLV- 3C/Centaur-Surveyor vehicle	1967
19700076407	Capabilities of a four-channel telemetry system	1967
19700076423	PERT And Cost Correlation Technique /PACCT/ operations manual, draft	1967
19700076426	Apollo abort summary document - Mission 205/101	1967
19700076433	Surveyor 3 mission report. Part 2 - Scientific results, addendum	1967
19700076442	Management instructions - KSC alert system	1967
19700076460	Apollo program directive no. 26-B /MA 009-026-1B/	1967
19700076466	Summary of Apollo R and QA contractual requirements	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700076481	Results of M-6 Lunar Module Mockup Flammability Tests	1967
19700076486	Determination of the compatibility of various polymers used in the Apollo spacecraft with a mixture of unsymmetrical dimethyl hydrazine, hydrazine and nitrogen tetroxide vapors	1967
19700076492	Study of the influence of size of a manned lifting body entry vehicle on research potential and cost. Part 8 - Alternative approaches Final report	1967
19700076497	Mission training program for the second manned Apollo mission	1967
19700076514	NERVA irradiation program, GTR test 21 - Volume 1 - Evaluation of a polarographic hydrogen-gas detector	1967
19700076515	The Relationship Between Gnawing and Food Consumption with Ventromedial Hypothalamic Lesions	1967
19700076524	LO2 chilldown system shutoff valve vibration and shock tests	1967
19700076537	S2 chilldown inverter /P-66/ qualification test, Saturn program Test reprot, 8 Aug. - 25 Oct. 1967	1967
19700076540	S-4B-502 stage flight test plan	1967
19700076547	An analysis of guidance monitoring and failed system detection and identification for the LM powered descent maneuver, Project Apollo	1967
19700076552	Vacuum jacketed duct vibration and shock tests	1967
19700076590	Mapping the moon by radar	1967
19700076592	LH2 chilldown system shutoff valve vibration and shock tests	1967
19700076621	Apollo Program Management	1967
19700076666	Program of research on the management of research and development. Liaison activities at research and development interfaces - A model, some empirical results, and design considerations for further study	1967
19700076678	Program of research on the management of research and development. Some factors associated with the evaluation of ideas for production changes in small companies	1967
19700076703	Total carbon content of ordinary chondrites	1967
19700076916	On shrinking arcs in metric spaces	1967
19700076947	Study of the influence of size of a manned lifting body entry vehicle on research potential and cost. Part 3 - flight performance Final report	1967
19700076963	Optical Variations in 3C 446	1967
19700076973	Study of the influence of size of a manned lifting body entry vehicle on research potential and cost. Part 4 - Candidate entry vehicle designs	1967
19700076974	Study of the influence of size of a manned lifting body entry vehicle on research potential and cost. Part 5 - Systems integration Final report	1967
19700076975	Study of the influence of size of a manned lifting body entry vehicle on research potential and cost. Part 7 - Selected entry vehicle design Final report	1967
19700077012	Method for determining the thermodynamic properties of the quantum electron gas	1967
19700077023	The melting curve of five gases to 30 kb	1967
19700077059	Semiclassical theory of proton transport in ice	1967
19700077061	The post-formational history of a hypersthene chondrite-Beenham	1967
19700077089	Ablation Surface Pattern Study - Conducted in Langley 8 Foot High Temperature Structures Tunnel	1967
19700077153	Variations in the chemical and mineralogical composition of rim and plains specimens of the Canon Diablo meteorite	1967
19700077195	Selection of nutritive and nonnutritive solutions under different conditions of need	1967
19700077197	Variations in the chemical and mineralogical composition of rim and plains specimens of the Canon Diablo meteorite	1967
19700077198	Effective potential description of the quantum ideal gases	1967
19700077614	Purification and properties of ostrich heart malate dehydrogenases	1967
19700077615	Proximity of the enzyme active center and an antigenic determinant of lysozyme	1967
19700077796	Kinetic studies of dogfish liver glutamate dehydrogenase with diphosphopyridine nucleotide and the effect of added salts	1967
19700077862	Ternary FeB and CrB-type phases with yttrium, lanthanum, and some rare earths	1967
19700078028	Failure analysis capabilities	1967
19700078037	Apollo Test Requirements - Apollo Program	1967
19700078058	Variations in the solar constant	1967
19700078073	On the formation of planets and satellites	1967
19700078080	Gamma-ray production by cosmic rays observed on OSO-1	1967
19700078113	Quarterly report, 15 February - 15 May 1967	1967
19700078114	Human factors evaluation of color TV displays /to 921-40-dt17/ Final report	1967
19700078206	NASA standards for clean rooms and work stations for the microbially controlled environment	1967
19700078322	Spectroscopic studies of interstellar grains Final report	1967
19700078323	Interstellar matter	1967
19700078324	The porphyrins and interstellar dust	1967
19700078403	Radar backscattering from the moon at 2.25 cm - Surveyor 7 results	1967
19700078405	The simulation of a high temperature equilibrium by the action of an electrodeless discharge on hydrocarbons	1967
19700078474	Water Quality Standards for Long-Duration Manned Space Missions	1967
19700078611	Alouette 1 Data Available, 1 January - 31 December 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700078621	Radio recombination lines and anomalous Balmer line intensities	1967
19700078635	Analytical study of the subsonic dynamic stability and response of the HL-10 entry vehicle	1967
19700078684	Investigation of the flight characteristics of a model of the HL-10 manned lifting entry vehicle	1967
19700078694	Effects of elevon planform on low-speed aerodynamic characteristics of the HL-10 manned lifting entry vehicle	1967
19700078710	Damping and oscillatory stability in pitch and yaw for a modal of a HL-10 configuration at Mach numbers from 0.20 to 1.00	1967
19700078728	Rheological properties of three solutions. Part 2 - Relaxation and growth of shear and normal stresses	1967
19700078729	Rheological properties of three solutions. Part 1 - Non-Newtonian viscosity, normal stresses, and complex viscosity	1967
19700079318	Static stability characteristics of a manned lifting entry vehicle at high subsonic speeds	1967
19700079345	Engineering study and preliminary design of instrumentation for the scaling and editing of ionograph data, part 1	1967
19700079609	Gravity gradiometry mission feasibility study Final report	1967
19700079751	Coulometric charge control for an OSCAR power supply	1967
19700080650	A survey of the laser research work of six Soviet investigators Surveys of foreign scientific and technical literature, 1961 - 1967	1967
19700080785	Numerical evaluation of singular integrals of linearized subsonic wing theory	1967
19700081084	Portable Environmental Control Systems (PECS), Part 1 Final Report	1967
19700081085	Portable Environmental Control Systems /PECS/, Part 2 Final Report	1967
19700081261	Evaluation of coatings for cobalt-and nickel- base superalloys	1967
19700082076	Phase 2 of LM relay experiment program Final report	1967
19700084555	Behavior of nickel-base superalloys in molten salts	1967
19700085539	A comparison of various atmospheric density models in predicting orbit lifetime	1967
19700085544	Evaluation of the 1966 Jacchia model of the diurnal variation	1967
19700086261	Preliminary stability studies of conformal weapon shapes	1967
19700087378	High Data Rate Storage System /HDRSS/ modifications for the Nimbus AVCS ground stations	1967
19700087844	Launch facilities and operations for large solid motors study. Volume 2 - Executive summary Final report	1967
19700088699	Beryllium wire - Metal matrix composites program Quarterly report, 1 Oct. - 31 Nov. 1967	1967
19700088726	The 'C' band boresight antenna polarization select system	1967
19700088727	Voice operated relay PMR/SA-64/ARA	1967
19700088730	Evaluation of 3-D ablative plastic composites Quarterly progress report, 1 Jan. - 1 Apr. 1967	1967
19700088752	Investigation of frictional phenomena in hot metal deformation Quarterly progress report	1967
19700088753	Program configuration and operating standards for the Mod 3 computing system	1967
19700088772	Saturn 5/AS-504 preliminary predicted operational mass characteristics, depletion cutoff	1967
19700088797	Operation and service manual for DC-DC converter EFC console 52E440008	1967
19700088802	Operation and service manual for time reference system EFC console 52E270012	1967
19700088812	Operation and service manual for sequential system control and monitor 52E230004	1967
19700088813	Operation and service manual for IMU EFC test console 52E270032	1967
19700088842	Autoignition and heat of combustion tests on Houghton SAFE 1055 and 1120 vacuum pump fluids	1967
19700088852	Evaluation of coil at high and low temperatures Final report	1967
19700088853	Accelerometer, Kistler Instrument Corporation, Piezotron model 818	1967
19700088856	B-58 bridge rectifier, 189522-2, 194178-4 solitron	1967
19700088857	MDAU semiconductor device Utr-11, Unitrode	1967
19700088864	Apollo transistors, silicon, NPN, switching SCD no. 1006323 Motorola Wedge and AL-AL bonds Fairchild AL-AL and gold ball bonds	1967
19700088874	Autopilot programmer	1967
19700088876	Operation and service manual for HF and audio EFC test bench 52E19001	1967
19700088877	Operation and service manual for fuel and oxidizer flush and purge units 52E420008, 52E420024	1967
19700088937	Operation and service manual for ratiometer 52E440036	1967
19700088955	Aeroquip flexible hose, manufacturer's part number AF-700480-18	1967
19700088959	Relation between Zener and battery voltages in a satellite power system	1967
19700088964	Data for predicting maintenance action repair time	1967
19700088974	Battery temperature variations of in-orbit OSCAR satellites	1967
19700088982	Operation and service manual for ECS EFC coolant bench 52E180013	1967
19700088993	Low frequency AC to DC converter	1967
19700089011	Reductions in tracking error by correcting for meteorological parameters	1967
19700089027	Qualification of reactor for use in HPI	1967
19700089028	Poseidon printed circuit multilayer board type A SCD366187/88 EPI Vostron	1967
19700089041	Poseidon negative input test, triple three input integrated circuit SCD 2621509 radiation	1967
19700089053	Poseidon printed circuit multilayer board, SCD 366187-366188 type A	1967
19700089056	Computer solution for maximum contact stress in spherical bearings under combined loads	1967
19700089057	B-58 resistor, fixed, film SCD 194785-607 IRC	1967
19700089078	Strain gage power supply/amplifier model DC A8-2 Grant Electronics	1967
19700089079	Airborne charge amplifier, model 2640, serial no. PA09	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089080	Transistor parameter evaluation, types 2N2412 and 2N2604	1967
19700089097	Operation and service manual for accelerometer static test unit 52E440039	1967
19700089103	Gemini B - Inertial platform vibration, qualification test report /U/	1967
19700089104	Project Gemini B - Detailed mass properties report /U/	1967
19700089105	MOL MCC data package requirements study, sequence number B271 /U/	1967
19700089107	Contingency manned flight vehicle time line, Gemini B segment /U/	1967
19700089108	MOL ascent telemetry support summary /U/	1967
19700089118	Definition of the Lance expulsion system problems /U/	1967
19700089131	Anaconda metal flex hose, vacuum jacketed 3/4 inch ID by 5 ft long, Anaconda part number 83986	1967
19700089147	HF airborne and ground-based high-power directional antennas Quarterly report 22 Jul. - 30 Oct. 1967	1967
19700089148	Error reduction in loop direction finders Final report, 1 Mar. - 30 Jun. 1967	1967
19700089151	Aeroquip flexible hose, manufacturer's part number AE700480-14	1967
19700089154	Straza Industries, Incorporated, propellant supply lines, NASA part numbers 75M14015-401 and 75M07823-9F	1967
19700089160	Lunar module descent stage thermal simulator, volume 2 Final report	1967
19700089162	Program modifications Final report	1967
19700089170	Apollo, diode, SDC 1006399, forward voltage shift due to contact problems	1967
19700089192	System effectiveness through interchangeability	1967
19700089203	Evaluation of energy sources applied to the ejection of sonobuoys, phase 1 Progress report, 1 Jul. - 1 Nov. 1967	1967
19700089227	Charge follower - Model 2641 M11, Serial no. PA35	1967
19700089233	Investigation and development of new finishes and coupling agents for high modulus filaments Quarterly progress report, 15 May - 15 Aug. 1967	1967
19700089257	Test plan for GEOS-B batteries	1967
19700089270	Investigation of high angle direction finder antenna systems for multipolarized fields /2-6 MHz/ Final report, 1 Jan. 1966 - 31 Mar. 1967	1967
19700089277	Qualification of push switch for self propelled launcher Final report	1967
19700089278	Digital test/computer shop integration	1967
19700089279	Quality verification and conformance procedures for RF detector, P/N 1563053 Sperry Farragut	1967
19700089300	Array and transducer - Analysis of transducer element designs GE-217-3, GE-217-4 and GE-181-5	1967
19700089319	Cloud-top altitude radiometer Progress report, 1-31 Aug. 1967	1967
19700089326	A feasibility study of a photodetachment experiment for the wake of hypervelocity projectiles Technical report	1967
19700089382	Conformal/planar array sonar system, phase 2 /U/ Monthly progress report, 1-31 Jan. 1967	1967
19700089383	Conformal/planar array sonar system, phase 2 /U/ Monthly progress report, 1-28 Feb. 1967	1967
19700089384	Conformal/planar array sonar system, phase 2 /U/ Monthly progress report, 1-31 Mar. 1967	1967
19700089385	Conformal/planar array sonar system, phase 2 /U/ Monthly progress report, 1-30 Apr. 1967	1967
19700089387	Conformal/planar array sonar system, phase 2 /U/ Monthly progress report, 1-31 Jul. 1967	1967
19700089388	Conformal/planar array sonar system, phase 2 /U/ Monthly progress report, 1-30 Nov. 1967	1967
19700089389	Conformal/planar array sonar system, phase 2 /U/ Monthly progress report, 1-31 Dec. 1967	1967
19700089404	Conformal/planar array sonar system. Book 2 - Transmit beamformer status report /U/	1967
19700089405	Conformal/planar array sonar system. Transmit beamformer status report. Addendum /U/	1967
19700089407	Conformal/planar array sonar system. Description and operating instructions - Twelve element beamformer for linear arrays /U/	1967
19700089409	Conformal/planar array sonar system - Receive beamformer status report, volume 1 /U/	1967
19700089410	Conformal/planar array sonar system. Receive beamformers status report, volume 2 /U/	1967
19700089417	Conformal/planar array sonar project. Part 2 - Technical progress report /U/ Monthly status report, 22 May - 11 Jun. 1967	1967
19700089418	Conformal/planar array sonar project. Part 2 - Technical progress report /U/ Monthly status report, 13 Jun. - 9 Jul. 1967	1967
19700089419	Conformal/planar array sonar project. Part 2 - Technical progress report /U/ Monthly status report, 10 Jul. - 14 Aug. 1967	1967
19700089420	Conformal/planar array sonar project. Part 2 - Technical progress report, /U/ Monthly status report, 15 Aug. - 10 Sep. 1967	1967
19700089433	Conformal/planar array sonar development program /U/ Technical progress report, May 1967	1967
19700089443	Conformal/planar array project. Part 1 - Status narrative, PERT cost reports. Part 2 - Technical progress report /U/ Monthly status report, 16 Oct. - 19 Nov. 1967	1967
19700089455	Results of a dynamic stability test of an 8 percent scale model of the SV-5P vehicle conducted at Mach numbers from 0.2 to 2.86 at the NASA Langley Research Center /U/	1967
19700089462	Brayton cycle demonstrator /BCD/ operator's manual and test instructions	1967
19700089472	Laboratory evaluation of aged reserve parachutes	1967
19700089474	Effect of service history on nylon components of T-10 troop-type personnel parachutes with histories of 0-50 jumps	1967
19700089476	Conformal/planar array sonar system. Receive considerations for recent transducer designs	1967
19700089477	Physical properties of nylon parachute materials after 8 years storage in climatic chambers	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089478	Laboratory evaluation of sky diver parachutes after 100 jumps	1967
19700089479	Laboratory evaluation of halo parachutes after 100 jumps	1967
19700089480	Analysis of age-strength relationships in emergency parachutes recalled from service	1967
19700089482	US Army rocket and missile container engineering guide	1967
19700089545	Apollo missions and navigation systems characteristics	1967
19700089552	Design considerations for a lunar orbiting bidirectional infrared spectrophotometer Technical note	1967
19700089608	MOL ground test plan. Qualification test plan. Sequence number B286	1967
19700089621	Feasibility study of shielding techniques - RF shielding design reference Technical report, 1 Apr. 1966 - 31 Mar. 1967	1967
19700089643	Investigation of fiber-reinforced metal matrix composites using a high energy-rate forming method Progress report, 24 Apr. - 31 Sep. 1967	1967
19700089645	Engineering Flight Research Evaluation of the 15-5A Lift-Fan Aircraft. Part 2 - Performance Final Report	1967
19700089653	HF airborne and ground-based high-power directional antennas Quarterly report, 22 Apr. - 30 Jul. 1967	1967
19700089658	Studies and investigations leading to the design of a radio direction finder system for the MF-HF-VHF range Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19700089661	Bibliography on non-destructive testing	1967
19700089665	Bibliography on nickel	1967
19700089666	Fault monitoring and localization for the power converter	1967
19700089668	Qualification test report for model specification S-133-120-6-59 and qualification supplement 1 thereof, test set, data analysis central, AN/GSM-147 figure A 4683M	1967
19700089678	Light observation helicopter technical development plan	1967
19700089682	K sub Iscc tests of HY-180/210 steels and weld metals	1967
19700089687	Conformal/planar array sonar development program for July 1967	1967
19700089695	Development of fused slurry silicide coatings for the elevated-temperature oxidation protection of columbium and tantalum alloys Progress report, 1 Aug. - 30 Nov. 1967	1967
19700089697	Radar reflectivity of sea targets, volume 1 Final report	1967
19700089699	Explosion-bulge tests of stress-relieved and of quenched and tempered HY-130/T/ weldments	1967
19700089710	High frequency interferometry Quarterly report, 30 Mar. - 30 Jun. 1967	1967
19700089713	Development of a dispersion-strengthened superalloy Interim progress report, 1 Aug. - 31 Oct. 1967	1967
19700089717	Research on mechanisms of crack initiation in wrought polycrystalline beryllium Interim progress report, 1 Jun. - 30 Nov. 1967	1967
19700089763	Advanced logistics spacecraft system. Summary of significant results and figures	1967
19700089784	Wave and diagnostic studies of plasmas Quarterly report, 1 Nov. 1966 - 31 Jan. 1967	1967
19700089802	Stress coin improvement of structural fatigue strength. Volume 1 - Development tests	1967
19700089803	Stress coin improvement of structures fatigue strength. Volume 2 - Mathematical analysis on stress distributions due to stress coin and loads	1967
19700089815	Theoretical Design Study of a Temperature Measurement System Utilizing Infrared Radiation Sensing Techniques	1967
19700089822	Symbolic generation of an optimal Crout algorithm for sparse systems of linear equations	1967
19700089830	Low-thrust space propulsion, 1967	1967
19700089842	Deformation and fracture as a function of strain rate at hot working temperature Progress report	1967
19700089848	Survey of possible X-ray hazards in HAWK system, White Sands Missile Range, New Mexico, 20-23 June 1967	1967
19700089858	Laser hazards survey 42-33-67. TOW night sight equipment US Army Night Vision Laboratory, Fort Belvoir, Virginia, 22060, 10 July 1967	1967
19700089868	Effects of Roll Angle on the Static Longitudinal Stability and Axial Force Characteristics of the Apollo/saturn 5 Launch	1967
19700089903	Radar altimeter pulse echo distortion analysis	1967
19700089904	Propellant combustion phenomenon during rapid depressurization Quarterly report, 1 Oct. - 31 Dec. 1966	1967
19700089907	On the engineering portion of a research program to develop a zero-G, drag-free satellite and to perform a gyro test of general relativity in a satellite Semiannual status report, May - Oct. 1967	1967
19700089924	Propellant combustion phenomenon during rapid depressurization Quarterly report, 1 Jan. - 31 Mar. 1967	1967
19700089936	Easily determined k-step predictor-corrector methods of order 2k	1967
19700089945	Propellant combustion phenomena during rapid depressurization Quarterly report, 1 Apr. - 30 Jun. 1967	1967
19700089957	History - Project First, F-1 combustion stability program, volume 4, book 2 /U/	1967
19700089958	History - Project First, F-1 combustion stability program, volume 4, book 3 /U/	1967
19700089990	Computer aided design of linear feedback systems with large parameter variations and time response constraints	1967
19700089995	Preliminary analysis and evaluation of heat transport fluids. Basic subsystem module definition study	1967
19700090004	Radiator and thermal analysis mid-term status report. Basic subsystem module definition study	1967
19700090046	Heat source study for the carbon dioxide concentrator. Basic subsystem module definition study	1967
19700090049	Preliminary summary of the EC/LSS for the 1969 and 1971 missions	1967
19700090055	Design and development of a mechanical altitude sensing device Final report	1967
19700090056	Modification Work Procedure MWP-001 primary ascent and descent stage batteries power terminal redesign	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090075	Lunar module general purpose inverter phase 2, post-qualification test	1967
19700090148	Study of advanced multipurpose large launch vehicles, phase 1 Interim report	1967
19700090189	Integrated network	1967
19700090226	Logistic end item report system specification 9LH001A. Liquid hydrogen electrical system Saturn V-LC-39	1967
19700090230	Experimental wound ribbon injector evaluation	1967
19700090233	Electrical power system. Basic subsystem module definition study	1967
19700090234	Preliminary module atmosphere recommendation. Basic subsystem module definition study	1967
19700090259	KSC Apollo/Saturn program. End item report for the LOX electrical system SS9LX001A, parts 1 and 2	1967
19700090265	Effect of decarburization and surface defects on the notched fatigue strength of steel	1967
19700090269	Nonlinear dynamic analysis of the SLV-3 liftoff longitudinal oscillation	1967
19700090283	Lamp assembly, 28 VDC	1967
19700090290	Practical statistical techniques for logistics analysis	1967
19700090312	Lamp fixture - Instrument, lamp assembly, panel 28 VDC	1967
19700090314	Lamp assembly, panel 28 VDC	1967
19700090316	Purchase description, rocket motor, 5.0 inch, Mark 5 Mod 4	1967
19700090328	Evaluation test report - Poseidon, diode, selection matrix, SCD 2621684	1967
19700090353	Interagency Chemical Rocket Propulsion Group - Third Combustion Conference, volume 2 /U/	1967
19700090392	Continued investigation of solid propulsion economics, task 1B. Large solid rocket motor case fabrication methods	1967
19700090399	Evolution of binary orbits	1967
19700090415	Design criteria for flight evaluation, monograph 1 - Orbit analysis	1967
19700090416	Design criteria for flight evaluation, monograph 2 - Trajectory reconstruction	1967
19700090433	Ignition of solid rocket propellant surfaces Final report	1967
19700090563	Synthesis of porphine-like substances from simple precursors Status report, 1 Jun. - 30 Nov. 1967	1967
19700090606	Synthesis of non-commercially available compounds, volume 2 /U/ Annual report, 15 Aug. 1966 - 14 Aug. 1967	1967
19700090607	Investigation of Spectrum-Matching Sensing in Agriculture. Volume 2 - Classified Supplement /U/ Semiannual Report, 1 Dec. 1965 - 30 Sep. 1966	1967
19700090641	Brushless dc spin motor for momentum exchange attitude control Final report, Mar. - Dec. 1967	1967
19700090666	Summary of the Twelfth Refractory Composites Working Group Meeting Technical report	1967
19700090677	Quality verification test report, temperature sensing resistors, Texas Instrument sensors-TM series /NASC drawing 1563079/	1967
19700090716	High voltage design guide	1967
19700090759	Parallel-polarized flush-mounted antenna	1967
19700090783	Partial-full-scale test machine - Description, operation, and maintenance	1967
19700090824	Supersonic combustion of fuels other than hydrogen for scramjet applications /U/	1967
19700090825	Ballistic scale-up of NF propellants. 2 - Evaluation of NF propellants in a 6-inch motor /U/ Interim report	1967
19700090872	Microelectronic piezoelectric oscillator Quarterly report	1967
19700090895	Properties of photodetectors	1967
19700090925	Explosive forming of heavy-gauge aluminum aircraft skins	1967
19700090952	Thermoelectric power generation	1967
19700090954	Integrated mission analysis concept for system effectiveness	1967
19700090956	Evaluation test report, B-58 thermister, NTC, SCD 189411-1	1967
19700090961	Canadian report to the EANDC, March 1966 - January 1967 Progress report	1967
19700090991	Relief valve, 6-inch, Ladewig Valve Company part number 660-f Technical report	1967
19700090992	Relief valve, 3/8 inch, Mission Pump and Valve Company part number 1-3688 Technical report	1967
19700090993	Compound pressure and vacuum relief valve, 2-inch, Ladewig Valve Company part number 3302	1967
19700090994	The 3/8 inch relief valve, Sage Engineering Company part number 1-2044 Technical report	1967
19700091031	Forming skins by hammer peening	1967
19700091036	A stretch computer program to determine linear stability parameters for ballistic trajectories with thrust	1967
19700091037	A stretch computer program for non-zero current summaries of accumulated Hero data	1967
19700091053	A stretch computer program for computing relative dielectric constants and loss tangents from experimental data	1967
19700091054	A stretch computer program for the analysis of Hero turntable data	1967
19700091187	Advanced Engine Aerospike Experimental Investigation Program Plan	1967
19700091241	Flight acceptance test procedure for GEOS-B batteries	1967
19700091254	Equations of motion for a multi-body dual-spin spacecraft Technical operating report	1967
19700091280	A STRETCH computer program to merge columns of HERO data	1967
19700091284	An experimental study of the vibration of flexible cylinders induced by nominally axial flow	1967
19700091289	Analysis of Freon-11 loop conversion to Freon 12 Engineering study	1967
19700091291	Review of scaling methods as applied to dryout in high pressure water	1967
19700091307	Solenoid valve, 5/8 inch, three way, Flomatics Incorporated /F0-1129/, part number F92-6LS	1967
19700091308	A STRETCH computer program to display HERO data graphically	1967
19700091309	Master-File Tape Maintenance Program /MAFTAP/	1967
19700091310	NTS digital data system studies	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091312	Uniaxial in-reactor creep of zirconium alloys	1967
19700091316	Relief valve, 1 1/2 by 2-inch, 300 psig, Crosby-Ashton part no. JMC-C, type A	1967
19700091319	Solenoid valve, 3/8-inch, 3-way, Flodyne Controls, Incorporated, part no. 3A37S	1967
19700091322	Effect of methyl cellulose binder in the fabrication of UO2 pellets of low sintered density	1967
19700091357	The development of a gas bearing version of the Apollo 1 inertial reference integrating gyro, volume 1	1967
19700091358	The development of a gas bearing version of the Apollo 1 inertial reference integrating gyro, volume 2	1967
19700091454	Study of flutter in magnetic recording, phase 2 Final development report, 1 Aug. 1966 - 31 Jul. 1967	1967
19700091455	US Air Force specialized close air support aircraft weapon system study A-X. Volume 5-6, appendix 5-A19 - Description and analysis of low light level television systems Final report	1967
19700091470	High temperature thermocouple qualification and development /U/ Interim progress report, 1 Jul. - 31 Dec. 1966	1967
19700091535	Electric field meter data from RVIP and TVX /U/	1967
19700091538	Synthesis of non-commercially available compounds, volume 1 /U/ Annual report, 15 Aug. 1966 - 14 Aug. 1967	1967
19700091629	The development of thermionic heat pipe space power technology Monthly status report, 1 Jan. - 28 Feb. 1967	1967
19700091655	Mechanical properties of high-temperature fibrous structural materials. Part 1 - Metal textiles Technical report, Mar. 1965 - Jul. 1967	1967
19700091660	The behavior of PR-143AC perfluorinated polymeric fluid and high temperature elastomeric seals in a packing cycling apparatus at 400 deg F	1967
19700091662	Mechanical properties of high-temperature fibrous structural materials. Part 5 - Processing of refractory fibers into textile structures	1967
19700091665	Mechanical properties of high temperature fibrous structural materials. Part 2 - Fabric tensile properties at elevated temperatures in vacuum	1967
19700091670	Proceedings of the AFML Hydraulic Fluids Conference	1967
19700091671	Research on high temperature stable fluids	1967
19700091672	Review of fluid capabilities for future Air Force use	1967
19700091673	Air Force hydraulic fluid requirements	1967
19700091674	Hydraulic pumps for future Air Force applications	1967
19700091675	High temperature fluid power developments for supersonic aircraft	1967
19700091676	High temperature liquid metal flight control actuation subsystem	1967
19700091677	Fluorosilicones as hydraulic fluids	1967
19700091678	Advanced aircraft hydraulic fluids	1967
19700091679	Perfluoroalkylpolyethers - A new class of hydraulic fluids	1967
19700091680	High temperature fluids and their evaluation	1967
19700091681	High temperature pump evaluation of fluids	1967
19700091682	Cavitation of oils and hydraulic fluids	1967
19700091683	Operation of a 1000 F-one quart fluid shear stand	1967
19700091684	High temperature hydraulic fluid and seal evaluation	1967
19700091685	Hydraulic fluid evaluation for the supersonic airplane	1967
19700091686	Matching fluid properties to design in the GE-4 /SST/ engine hydraulic system	1967
19700091687	Another look at Air Force applications of fire resistant hydraulic fluids	1967
19700091688	A less flammable petroleum fluid	1967
19700091689	Less flammable replacement for MIL-H-5606	1967
19700091755	Weight and Performance Summary January 1967	1967
19700091756	Apollo program - Weight and performance summary, May 1967 /U/	1967
19700091765	Light Intratheater Transport /LIT/ systems planning study. Volume 6 - Cost effectiveness /U/ Final report	1967
19700091812	The smoothed, mean, and osculating orbit elements systems	1967
19700091823	Capacitors, fixed, ceramic dielectric general purpose	1967
19700092092	A theoretical description of radio modulation by rocket exhaust jets	1967
19700092149	Burner 2 for Synchronous Mission Applications	1967
19700092203	Fuel cell technology Quarterly progress report, 26 Aug. - 25 Nov. 1966	1967
19700092271	Study of radiator structural and mechanical requirements, progress briefing	1967
19700092283	Functional updating and adaptive noise variance determination in recursive-type trajectory estimators	1967
19700092316	Angular momentum and adiabatic invariance for a magnetic monopole	1967
19700092322	Optimum CFAR detection tests for fluctuating and non-fluctuating signals	1967
19700092346	Evaluation of refractory/austenitic bimetal combinations Monthly letter report, 23 Nov. 1966 - 22 Dec. 1966	1967
19700092350	Two dimensional laminar parallel flow with one heated wall of uniform heat flux	1967
19700092353	Evaluation of refractory/austenitic bimetal combinations Monthly letter report, 23 Dec. 1966 - 22 Jan. 1967	1967
19700092392	Report to the Atomic Energy Commission by the ad hoc advisory panel on safeguarding special nuclear material	1967
19700092402	Infrared laser materials and efficiency studies Phase 2 final report, 20 Nov. 1966 - 20 May 1967	1967
19700092463	The Foxboro Company differential pressure transmitter model number 611 DM-AS2	1967
19700092484	Ground-water safety monitoring	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092500	Transistor, PNP, silicon, high voltage	1967
19700092513	Description and theory of operation 2 kW fuel cell module for aerospace applications	1967
19700092529	Qualification test report data on capacitors, fixed, metallized mylar-dielectric	1967
19700092570	Fast Reactor Newsletter, December 1967	1967
19700092641	Advanced logistics spacecraft system. Program study outline	1967
19700092664	Preconditioning, group A and group B tests on 1N827A/SPL/ glass reference element IAW Sperry PO 23604	1967
19700092759	Research and development on fluorine based oxidizers /U/ Quarterly progress report, period ending 31 Dec. 1966	1967
19700092841	Mass data storage system Interim development report no. 6, 1 May - 30 Jun. 1967	1967
19700092866	A 3.6K closed-cycle turborefrigerator Final technical report, Apr. 1964 - Oct. 1967	1967
19700092889	Type A1129, transistor, silicon, p-n-p, inverted chopper	1967
19700092890	Reactor-transformer	1967
19700092953	Contact, coaxial, crimp	1967
19700092966	Component encapsulation evaluation test	1967
19700092968	Antelope reliability verification test procedure 2360619-1 and 2360619-7	1967
19700092977	Contact pin, crimped	1967
19700092995	Contact bussing pin for P/C wiring connectors	1967
19700093008	Connector, receptacle, 7 coaxial contacts	1967
19700093018	Microcircuit, hybrid, digital to analog converter	1967
19700093025	Switch, illuminated pushbutton	1967
19700093037	Commoning clip for P/C connector	1967
19700093038	Resistor, wire-wound, non-inductive, Sage Electronics Corporation	1967
19700093039	Resistor, precision, film, 1/3 watt	1967
19700093042	Power, 1 percent tolerance, resistor, fixed, wirewound. 20 PPM/C, California Resistor Corporation	1967
19700093043	Power, 1 percent tolerance, 20 PPM/C, resistor, fixed, wirewound Sage Electronics Corporation	1967
19700093055	Power, 1 percent tolerance, resistor, fixed, wirewound. 20 PPM/C, Dale Electronics Corporation	1967
19700093069	Power, 1 percent to 5 percent, resistor, fixed, wirewound noninductive, Sage Electronics Corporation	1967
19700093093	Antelope Polaris reliability verification test P/N 2360615-1 relay, magnetic latch	1967
19700093098	Power, 1 percent to 5 percent, resistor, fixed, wirewound noninductive Pacific Resistor Company	1967
19700093121	An 820 ohms on resistor, fixed, silicon	1967
19700093122	Reactor-transformer	1967
19700093130	Twenty-five diode, TO-84 package	1967
19700093147	Resolvers, electrical	1967
19700093148	Taco, control panels	1967
19700093151	Type 5506, transformer, pulse, tapped primary, split	1967
19700093158	Cooler, fluid - 580R631H01 Eastern Industries-Division of LFE, Incorporated 311565	1967
19700093159	Power, 1 percent to 5 percent, resistor, fixed, wirewound noninductive. International Resistance Corporation	1967
19700093181	Voltage-to-frequency converter	1967
19700093196	Polarizing key for P/C wiring	1967
19700093211	Evaluation of blower motor for AN/TED-9	1967
19700093220	Ladder, 10-bit	1967
19700093228	Binary ladder and voltage divider, 3 bit	1967
19700093273	Research and development on fluorine based oxidizers /U/ Annual technical summary report, Sep. 1965 - Sep. 1966	1967
19700093287	Cost effectiveness models for airborne ASW search and detection systems /U/	1967
19700093288	Airborne ASW radar performance and effectiveness models /U/	1967
19700093289	Airborne ASW barrier cost effectiveness study /U/	1967
19700093300	Minutes of the meeting of the working group on microwave devices /U/	1967
19700093310	Power 1 percent to 5 percent, resistor, fixed, wirewound noninductive. Dale Electronics, Incorporated	1967
19700093330	Conformal carriage program plan	1967
19700093337	Special purpose rocket munition phase 2 program /U/ Final report, 1 Jul. 1966 - 30 Jun. 1967	1967
19700093339	Rotor blade radar antenna /U/ Final report, Mar. 1965 - Jun. 1966	1967
19700093350	Resistor, wire-wound, non-inductance, Pacific Resistor Company	1967
19700093362	Evaluation of fixed film insulated resistors	1967
19700093366	Resistor, wire-wound non-inductive	1967
19700093367	Resistor, wire-wound non-inductive	1967
19700093375	Binary ladder and voltage divider 5 and 3 bit	1967
19700093378	Subsonic wind tunnel drag study of several leading and trailing edge fairings for a conformal store package	1967
19700093404	Metric Maverick system. Volume 1 - Contractual changes resulting from application of Metric /U/	1967
19700093407	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulator /U/ Monthly progress report, 18 Jul. - 17 Aug. 1967	1967
19700093408	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulator /U/ Monthly progress report, 18 Apr. - 17 May 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093409	Research program for the long term testing of cylindrical diodes and the irradiation of fuel and insulator /U/ Monthly progress report, 18 Jun. - 17 Jul. 1967	1967
19700093507	Fatigue of electroformed nickel joining methods	1967
19700093512	Study of Advanced Multipurpose Large Launch Vehicles (U) Interim Report	1967
19700093562	Directors /Space Biology Branch/ Quarterly progress report, Oct. - Dec. 1967	1967
19700093578	Molecular beam deposition studies Final report, 13 Jun. 1966 - 12 Aug. 1967	1967
19700093591	B-52 aluminum wheel /56 by 16/ wheel roll	1967
19700093595	KC-135, 10 feet/second square deceleration brake test	1967
19700093596	F-84 brake heat shield evaluation	1967
19700093679	Scientific experiment definitions for near Mars/Venus operations	1967
19700093715	Submarine communications system /U/ Final technical report, 15 Aug. 1966 - 29 Sep. 1967	1967
19700093813	Efficiency studies of infrared laser materials, phase 3 Interim technical report, 20 May - 20 Nov. 1967	1967
19700093817	Elevated temperature tensile and fatigue testing of sulfamate electroformed nickel	1967
19700093837	Low drag packageable ordnance study	1967
19700093877	The evaluation of some current disc materials. Part 1 - Results of tests at room temperature using plain discs with and without local stress concentrations	1967
19700093894	Satellite infrared spectrometer - SIRS A /SIRS 3/ Progress report, 1-31 May 1967	1967
19700093895	Satellite infrared spectrometer - SIRS A /SIRS 3/ Progress report, 1-30 Jun. 1967	1967
19700093896	Requirements for the Nimbus B operational software system	1967
19700093898	Integration and maintenance manual for the Nimbus B interface box module	1967
19700093902	Nimbus meteorological satellite - Stabilization and control subsystem Monthly progress report	1967
19700093905	Satellite infrared spectrometers - SIRS A /SIRS 3/ Progress report, 1-31 Mar. 1967	1967
19700093907	Instruction manual for the Nimbus telemetry transmitter	1967
19700093913	Satellite infrared spectrometer, SIRS A /SIRS 3/ Progress report, 1-28 Feb. 1967	1967
19700093919	Satellite infrared spectrometer, SIRS A /SIRS 3/ Progress report, 1-31 Jan. 1967	1967
19700093924	Satellite Infrared Spectrometer - SIRS A /SIRS 3/ Progress report, 1-30 Apr. 1967	1967
19700093928	Operations of Nimbus Data Utilization Center Final report	1967
19700093930	Nimbus meteorological satellite - Stabilization and control subsystem Monthly progress report	1967
19700093938	Nimbus meteorological satellite, stabilization and control subsystem Monthly progress report	1967
19700093944	Nimbus meteorological satellite - Stabilization and control subsystem Monthly progress report	1967
19700093945	Nimbus meteorological satellite - Stabilization and control subsystem Monthly progress report	1967
19700093951	Instruction manual for bench check units 1 and 2 of the High Data Rate Storage System /HDRSS/	1967
19700093958	Monthly progress report, January 1967	1967
19700093970	A study of captive flight drag and separation characteristics of half-bomb and half-pod store configurations	1967
19700093974	Completed Nimbus project report Monthly progress report, 1-31 May 1967	1967
19700093975	A High Data Rate Storage System /HDRSS/ Monthly progress report, 1-28 Feb. 1967	1967
19700093976	Monthly progress report, 1-31 August 1967	1967
19700093981	High data rate storage system, phase 3 Monthly progress report, Jan. 1967	1967
19700093991	Monthly progress report, 1-28 February 1967	1967
19700093992	A High Data Rate Storage System /HDRSS/ Monthly progress report, 1-31 Jan. 1967	1967
19700093994	A High Data Rate Storage System /HDRSS/ Monthly progress report, 1-31 Mar. 1967	1967
19700093998	Monthly progress report, 1-31 July 1967	1967
19700094009	Nimbus meteorological satellite - Stabilization and control subsystem Monthly progress report	1967
19700094010	Nimbus meteorological satellite - Stabilization and control subsystem Monthly progress report	1967
19700094017	Design, develop, construct, test, and deliver flight qualified PCM telemetry subsystem, along with bench test equipment and ground station modifications for the Nimbus B satellite Monthly progress report, 1-31 Mar. 1967	1967
19700094029	A High Data Rate Storage System /HDRSS/ Monthly progress report, 1-31 Dec. 1966	1967
19700094031	A High Data Rate Storage System /HDRSS/ Monthly progress report, 1-30 Apr. 1967	1967
19700094033	Solar cell integral coverglass development Monthly progress report, 1-30 Apr. 1967	1967
19700094039	Instruction manual for the spacecraft subsystem of the High Data Rate Storage System /HDRSS/, prototype and flight models F-1 through F-3	1967
19700094070	Satellite infrared spectrometer /SIRS A/ /Nimbus B/ Progress report, 1-31 Jul. 1967	1967
19700094077	Instruction manual for the HDRSS demultiplexer test set	1967
19700094085	System integration manual for Nimbus B clock module	1967
19700094091	Nimbus meteorological satellite - Stabilization and control subsystem. System engineering report Progress report, 1-15 Jun. 1967	1967
19700094116	Nimbus meteorological satellite - Stabilization and control subsystem Monthly progress report	1967
19700094117	Nimbus meteorological satellite - Stabilization and control subsystem Monthly progress report, Aug. - Sep. 1967	1967
19700094118	Nimbus B system test data handling and analysis	1967
19700094127	Stabilization and control subsystem, Nimbus meteorological satellite flight Monthly progress report, Apr. 1967	1967
19700094129	Stabilization and control subsystem, Nimbus meteorological satellite flight Monthly progress report, Mar. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094142	Stabilization and control subsystem, Nimbus meteorological satellite flight system Monthly progress report, Feb. 1967	1967
19700094147	NASA/ESSA WEFAX experiment, evaluation report /ATS-1/, 6 December 1966 - 6 March 1967	1967
19700094149	Satellite infrared spectrometer - SIRS A /Nimbus B/ Progress report, 1-31 Dec. 1967	1967
19700094151	Satellite infrared spectrometer - SIRS A /Nimbus B/ Progress report, 1-31 Oct. 1967	1967
19700094177	Instruction manual 924 communication channel	1967
19700094261	Specialized close air support aircraft weapon system study /A-X/. Volume 3 - Contract definition phase plan /U/ Final report	1967
19700094262	Specialized close air support aircraft weapon system study /A-X/. Volume 7 - Low speed wind tunnel tests of 1/12 scale model /U/ Final report	1967
19700094263	Specialized close air support aircraft weapon system study /A-X/. Volume 8 - Aircraft performance analysis recommended point designs /U/ Final report	1967
19700094264	Specialized close air support aircraft weapon system study /A-X/. Volume 9 - Parametric aircraft configuration tradeoffs /U/ Final report	1967
19700094265	Specialized close air support aircraft weapon system study /A-X/. Volume 10 - Stability and flight control analysis /U/ Final report	1967
19700094266	Specialized close air support aircraft weapon system study /A-X/. Volume 11 - Mass properties analysis /U/ Final report	1967
19700094267	Specialized close air support aircraft weapon system study /A-X/. Volume 17 - Maintainability analysis /U/ Final report	1967
19700094268	Specialized close air support aircraft weapon system study /A-X/. Volume 19 - Wind tunnel model data /U/ Final report	1967
19700094269	Specialized close air support aircraft weapon system study /A-X/. Volume 20 - Program cost analysis /U/ Final report	1967
19700094270	Specialized close air support aircraft weapon system study /A-X/. Volume 21 - Integrated test plan /U/ Final report	1967
19700094271	Specialized close air support aircraft weapon system study /A-X/. Volume 23 - Program schedule risk assessment /U/ Final report	1967
19700094272	A-X report. Volume 10 - Crew systems /U/ Final report	1967
19700094273	A-X report. Volume 11 - Flight vehicle power /U/ Final report	1967
19700094274	A-X report. Volume 13 - Weights /U/ Final report	1967
19700094275	A-X report. Volume 17 - Master program planning includes definition plan and test plan /U/ Final report	1967
19700094276	A-X report. Volume 18 - Cost estimates /U/ Final report	1967
19700094279	Modulated gallium arsenide infrared source /U/ Final technical report, 28 Jun. - 11 Dec. 1966	1967
19700094339	Modulated gallium arsenide infrared source /U/ Final technical report, 28 Jun. - 11 Dec. 1966	1967
19700094346	Investigation of incendiaries 2 /U/ Final technical report, 24 May 1965 - 24 May 1966	1967
19700094356	Study and evaluation of the Cw contamination detector /U/ Final technical report, Jul. 1966 - Feb. 1967	1967
19700094373	A-X report. Volume no. 1 - Program summary /U/ Final report	1967
19700094374	A-X report. Volume no. 2 - Cost effectiveness /U/ Final report	1967
19700094375	A-X report. Volume no. 5 - Propulsion /U/ Final report	1967
19700094376	A-X report. Volume no. 6 - Vulnerability /U/	1967
19700094377	A-X report. Volume no. 7 - survivability /U/ Final report	1967
19700094378	A-X report. Volume no. 8 - Avionics /U/ Final report	1967
19700094379	A-X report. Volume no. 9 - Armament /U/ Final report	1967
19700094380	A-X report. Volume no. 14 - Reliability /U/ Final report	1967
19700094381	A-X report. Volume no. 15 - Maintainability and supportability /U/ Final report	1967
19700094403	Radio communication requirements for oceanography	1967
19700094422	Mission Control Center, Houston Progress report, 1-28 Feb. 1967	1967
19700094429	IRLS data exchange and operational programs - Instruction manual	1967
19700094466	Study of in situ degradation of thermal control surfaces Technical progress report, 1-31 Oct. 1967	1967
19700094479	Minuteman Wing 6 propellant and liner mechanism of aging program PD-A57 Final report	1967
19700094481	Nimbus design study, volume 2 Addendum to to final report	1967
19700094496	Nimbus B PCM telemetry subsystem - PCM unit instruction manual	1967
19700094500	Mission Control Center, Houston Quarterly progress report, 1 Oct. - 31 Dec. 1966	1967
19700094518	Mission Control Center-Houston Progress report, 1-31 Jan. 1967	1967
19700094535	Satellite infrared spectrometer - SIRS A /Nimbus B/ Progress report, 1-31 Aug. 1967	1967
19700094536	Optimum design of space satellite instrument framework and packaging Final report	1967
19700094537	Outgassing and pumpdown tests on SIRS model	1967
19700094538	Alignment of SIRS flight no. 2 sensing beams	1967
19700094539	Rise time tests for SIRS A wedge bolometer power supplies	1967
19700094550	Nimbus Stress Analysis and FMECA	1967
19700094553	Progress report, 1 April - 30 June 1967	1967
19700094559	Nimbus B - PCM telemetry subsystem telemetry electronics unit instruction manual	1967
19700094594	Progress report, 1 July - 30 September 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094609	United States Air Force specialized close air support aircraft weapon system study. /A-X/. Volume 4 - Development and acquisition planning /U/ Final report	1967
19700094610	United States Air Force specialized close air support aircraft weapon system study /A-X/. Volume V-10 - Appendices V-B-10, V-B-12, V-B-13, V-B-14 /U/ Final report	1967
19700094611	United States Air Force specialized close air support aircraft weapon system study /A-X/. Volume V-11 - Appendices V-C-1, V-C-2 /U/ Final report	1967
19700094612	United States Air Force specialized close air support aircraft weapon system study /A-X/. Volume V-17 - Appendix V-F-2 /U/ Final report	1967
19700094680	Microchannel plate array fabrication and development /U/ Quarterly interim technical report	1967
19700094756	Nimbus B system test data handling and analysis, revision	1967
19700094764	Preliminary systems design off-line data processing system for Nimbus test ground station /VFSTC/ using remote computer	1967
19700094824	Nimbus Project Monthly Progress Report, January 1967	1967
19700094874	Shock test of United States Steel Corporation 25 cubic feet capacity air flask /5000 psig/ for USS John F. Kennedy /CVA 67/	1967
19700094966	Comparative analysis of Nimbus C and D attitude control systems by component count	1967
19700094971	Study of in Situ Degradation of Thermal- Control Surfaces Technical Progress Report, 1-31 Aug. 1967	1967
19700094973	Study of in situ degradation of thermal- control surfaces Technical progress report, 1-31 Jul. 1967	1967
19700095084	IRLS - Ground acquisition and command station. Volume 1 - GA and Cs instruction manual	1967
19700095109	Laboratory studies of electron collision frequency Semiannual status report, 1 May - 1 Nov. 1967	1967
19700095116	Real Time Computer Complex /RTCC/ Monthly progress report no. 52	1967
19700095129	A study of environmental effects upon particle radiation induced absorption bands in spacecraft thermal control coating pigments Quarterly progress report, 1 Sep. - 30 Nov. 1967	1967
19700095137	Launch facilities and operations for large solid motors Management summary review	1967
19700095155	Determination of the critical failure mechanism affecting reliability of Titan-2 bolts	1967
19700095158	Model 7227-28 underwater release device	1967
19700095159	Model A-119-4 Geodyne temperature recorder	1967
19700095162	Model 600 PAR pneumatic sound source	1967
19700095164	Model 400 underwater release device	1967
19700095185	Real Time Computer Complex /RTCC/ Monthly progress report no. 58	1967
19700095203	Maintenance manual. Volume 4 - Acceptance checkout equipment-spacecraft, ground stations installed at Manned Spacecraft Center Houston, Texas	1967
19700095206	Acceptance checkout equipment-spacecraft maintenance manual, volume 2A	1967
19700095208	Description manual - Acceptance checkout equipment-spacecraft	1967
19700095229	Maintenance manual. Volume 2 - Acceptance checkout equipment-spacecraft	1967
19700095230	Acceptance checkout equipment - spacecraft maintenance manual, volume 1	1967
19700095236	Real Time Computer Complex /RTCC/ Monthly progress report no. 49	1967
19700095237	Real Time Computer Complex /RTCC/ Monthly progress report no. 55	1967
19700095245	Technological requirements common to manned planetary missions Interim report, Apr. - Jun. 1967	1967
19700095248	Project IRLS and modification 19 of contract Quarterly report, 1 Mar. - 1 Jun. 1967	1967
19700095302	Study of advanced multipurpose large launch vehicles. Appendix B /U/ Monthly progress report, Sep. 1967	1967
19700095384	Saturn 5 single launch space station and observatory facility Final oral review	1967
19700095421	Maintenance manual. Volume 3 - Acceptance checkout equipment-spacecraft, ground stations installed at North American Aviation, Downey, California	1967
19700095435	Metallurgical aspects of soldering gold and gold plating	1967
19700095460	Power reactor	1967
19700095633	Attenuator, variable, constant impedance	1967
19700095670	Altimetry system calibration test of F-105 aircraft Final report, 18 Jan. - 14 Jun. 1967	1967
19700095693	Pin fin coldplate performance analysis	1967
19700095804	Transformer, step-up and step-down	1967
19700095843	The high temperature performance of two N reactor fuel alloys. A partial final report on production tests 8 and 13 /U/	1967
19700095875	Power reactor	1967
19700095876	Insert, connector, electrical, 20 socket contact	1967
19700095889	Integrated circuit, DTL 944	1967
19700095890	Transformer, power, step up and step down	1967
19700095891	Evaluation of units during and after specified environments	1967
19700095985	Contact, electrical, crimp type	1967
19700095986	Insert, connector, electrical, 80 pin contact	1967
19700095987	Insert, connector, electrical, 20 pin contact	1967
19700095988	Insert, connector, electrical, 36 pin contact	1967
19700095989	Insert, connector, electrical, 10 socket contact	1967
19700095990	Model MKV1 deep sea temperature probe	1967
19700095992	Contact, electrical, pin, crimp type	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095993	Contact, electrical, crimp type	1967
19700095998	Insert, connector, electrical, 80 socket contact	1967
19700095999	Contact, removal, crimp, socket	1967
19700096000	Resistor, precision film	1967
19700096001	Insert, connector, electrical, 10 pin contact	1967
19700096002	Resistor, precision film	1967
19700096003	Chart recorder, 0-1M 2 rpm 115 V, 60 cps, 3/A/Mod/	1967
19700096006	Launch cable qualification test /dynamic/	1967
19700096034	Housing, assembly, readout module	1967
19700096059	Constant impedance variable attenuator	1967
19700096065	Model PFR-193 fathometer recorder	1967
19700096075	Launch facilities and operations for large solid motors, final performance review	1967
19700096092	Resistor, variable, WW, ten turn	1967
19700096093	Integrated circuit	1967
19700096094	Model PBT-5M electronic bathythermograph	1967
19700096095	Model 1890 boomerang sediment corer	1967
19700096161	Insert, connector, electrical, 36 socket contact	1967
19700096164	Evaluation of flat cable assemblies	1967
19700096165	Silver plated copper	1967
19700096166	Module readout	1967
19700096187	Model 900 underwater release device	1967
19700096188	Model 515 underwater release device	1967
19700096245	Project Delta - Project development plan	1967
19700096254	Model R-510 underwater release device	1967
19700096338	Development of composite structural materials for high temperature applications Quarterly report, 25 Feb. - 25 May 1967	1967
19700096455	Thermal design of the gravity gradient test satellite	1967
19710011836	Holder for Crystal Resonators	1967
19710064749	Phase change thermal radiator flight experiment performance and resource plans. Volume 1 - Management and technical, phase 4	1967
19710064788	Flight Test and Analysis of a Method for Reducing Radio Attenuation During Hypersonic Flight	1967
19710064789	Flight test and analysis of a method for reducing radio attenuation during hypersonic flight	1967
19710064790	Cooling predictions based on intercepted flow concept, appendix A	1967
19710064791	Quasi-one-dimensional theory for mean droplet motion and evaporation, appendix B	1967
19710064792	Free electron depletion by heterogeneous reactions, appendix C	1967
19710064859	Lunar Orbiter	1967
19710064871	Lift and Drag Characteristics of the M2-F2 Lifting Body During Subsonic Gliding Flight	1967
19710064917	Analysis of theoretical and experimental electron concentrations for RAM B3 flight	1967
19710064961	Space programs summary no. 37-43, volume 1 for the period 1 November - 31 December 1966. The lunar program	1967
19710064963	Space Programs Summary No. 37-43, Volume 2 for the Period 1 November - 31 December 1966. The Planetary-Interplanetary Program	1967
19710065082	Introduction to the Thermodynamics Section, Aerospace Physics Branch	1967
19710065106	Radioisotope propulsion technology program /POODLE/. Volume 6 - POODLE systems analyses Final report, 1 Oct. 1965 - 31 Mar. 1967	1967
19710065109	Electron distribution function in a nonequipartition plasma	1967
19710065165	A study of instrumentation and telemetry checkout language Final report	1967
19710065204	Space programs summary no. 37-44, volume 5 for the period 1 February - 31 March 1967. Supporting research and advanced development	1967
19710065205	Space programs summary no. 37-46, volume 1 for the period 1 May - 30 June 1967. The lunar program	1967
19710065206	Space programs summary no. 37-45, volume 2 for the period 1 March - 30 April 1967. The planetary-interplanetary program	1967
19710065207	Space programs summary no. 37-48, volume 4 for the period 1 October - 30 November 1967. Flight projects and supporting research and advanced development	1967
19710065217	Space programs summary no. 37-44, volume 2 for the period 1 January - 28 February 1967. The planetary-interplanetary program	1967
19710065224	Performance of several blow-in-door ejector nozzles at subsonic and low-supersonic speeds	1967
19710065225	Blow-in-door ejector nozzle performance comparison between fixed-open and free-floating door configurations	1967
19710065232	Space programs summary no. 37-46, volume 2 for the period 1 May - 30 June 1967. The planetary-interplanetary program	1967
19710065233	Space programs summary no. 37-44, volume 1 for the period 1 January - 28 February 1967. The lunar program	1967
19710065252	Planetary Quarantine program Quarterly progress report, period ending 30 Sep. 1967	1967
19710065325	Voyager Mars planetary quarantine - Cold gas attitude control systems, experiment program Final report	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710065347	Voyager Mars lander recontamination - Status of preliminary studies of selected effects	1967
19710065372	Theoretical photometry	1967
19710065386	Microbiological aspects of the planetary quarantine program for Voyager	1967
19710065387	Voyager planetary quarantine optical characteristics of viable microorganisms	1967
19710065470	Planetary quarantine study, volume 3	1967
19710065506	Low-speed wind-tunnel tests of a full-scale M2-F2 lifting body model	1967
19710066075	Manned space flight experiments - Gemini 12 mission, 11-15 November 1966 Interim report	1967
19710066348	Signal conditioning power programmer Final report, 7 Oct. 1966 - 7 Dec. 1966	1967
19710066349	Microminiature Signal Conditioner	1967
19710066351	A study of liquid mercury isolator development Final report	1967
19710066353	Technical review of the MCC-H augmentation 2 design approach. Volume 2 - Review and design processes - Supporting information	1967
19710066390	The development of aircraft and rocket design in the Ukraine	1967
19710066431	Algorithms and specifications for Data Reduction and Analysis Program /DRAP/	1967
19710066448	Canonical transformation theory and the optimal trajectory problem	1967
19710066708	The cooling of the protonosphere	1967
19710066871	Relativity theory and astrophysics	1967
19710066882	Technical review of the MCC-H augmentation 2 design approach. Volume 1 - Design review results and conclusions	1967
19710066922	Measurements of Stark widths of argon ion lines	1967
19710066931	Densities and speeds in an arc heated supersonic argon beam	1967
19710067298	The direct determination of nonlinear displacements of arbitrarily supported shallow shells using mathematical programming techniques	1967
19710067356	A study of thin film partial pressure gas sensors Final report, Jan. 1966 - Feb. 1967	1967
19710067407	Review of high temperature radiation embrittlement of engineering alloys	1967
19710067408	Early results from the magnetic field experiment on Lunar Explorer 35	1967
19710067437	Magnetic field measurements with the IMP 2 satellite	1967
19710067438	The neutral sheet in the geomagnetic tail - Its motion, equivalent currents, and field line connection through it	1967
19710067439	Observations of the earth's magnetic tail and neutral sheet at 510,000 kilometers by Explorer 33	1967
19710067859	Hypersonic research engine project. Phase 2A - Fuel system development /item number 55-5.02/ Interim technical data report no. 2, 20 Jun. - 19 Sep. 1967	1967
19710067878	Hypersonic research engine project. Phase 2A - Fuel system development /item number 55-5.01/ Interim technical data report no. 1, 20 Mar. - 19 Jun. 1967	1967
19710067929	Solar cell cover glass development Quarterly technical progress report, 1 Dec. 1966 - 30 Apr. 1967	1967
19710067930	FFT-W - A program for Fast Fourier Transform band pass filtering of large amounts of data	1967
19710067931	Solar cell cover glass development Quarterly technical progress report, 1 May - 1 Oct. 1967	1967
19710067991	Technical professionals in complex research organizations - A structure process perspective, part 1	1967
19710068055	Solar cell integral cover-glass development Periodic progress report, 1 Jun. - 31 Aug. 1967	1967
19710068056	Solar cell integral cover-glass development Periodic progress report, 10 Feb. - 31 May 1967	1967
19710068057	Solar cell integral cover-glass development Periodic progress report, 1 Sep. - 30 Nov. 1967	1967
19710068063	Two phase flow pressure drop and heat transfer in a multi-slot insert in the entrance of a boiler tube	1967
19710068286	Hypersonic research engine project, phase 2A, control system development Interim technical data report, 3 Apr. - 2 Jul. 1967	1967
19710068720	Probable observations of the geomagnetic tail at 1000 earth radii by Pioneer 7	1967
19710068823	Hypersonic research engine project, Phase 2A, control system development Interim technical data report, 3 Jul. - 2 Oct. 1967	1967
19710068995	Lightweight solar panel interconnections Final report, 11 May 1966 - 1 Mar. 1967	1967
19710069105	Flight-test results of an X-band telemetry system on a Trailblazer 2 vehicle	1967
19710069106	Chemical analysis of tungsten-uranium dioxide materials	1967
19710069232	Phase of elastic materials	1967
19710069659	Traveling-wave electrohydrodynamic pumping	1967
19710070330	Forced convection mercury boiling - Experimental investigation using a helical multipassage plug insert in a once-through boiler	1967
19710070331	Structural analysis and evaluation of the 2nd stage nozzle diaphragm, SNAP-8 turbine assembly	1967
19710070369	Stress analysis for the SNAP-8 turbine inlet housing	1967
19710070370	SNAP-8 turbine shaft whirl characteristics based on rotor-Stator dynamics analyses	1967
19710070739	Cyclotron resonance in thallium	1967
19710070745	Full scale wind tunnel investigation of the HL-10 manned lifting body flight vehicle	1967
19710070892	Effects of a space environment and reentry conditions on parachute materials Final report	1967
19710072471	BL-234 70 GHz magnetron development program Final report	1967
19710072478	COCO /Coordinate Conversion routine/. Player and technical manual	1967
19710072479	Current status of high brightness Raman lasers	1967
19710072480	Some remarks on two-dimensional evasion problems	1967
19710072535	Introduction to instrumentation radar	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072551	General Motors aerophysics range radars	1967
19710072552	Parametric defense coverage versus low altitude threats	1967
19710072673	The TRADEX instrumentation radar	1967
19710072689	Parametric defense coverage versus low altitude threats	1967
19710072783	Experimental verification of suitability of compressing the time of mission profile during elevated temperature fatigue testing - Summary of creep tests Technical report, 1 Jul. 1964 - 30 Oct. 1966	1967
19710072815	Vehicle support subsystems - Turn-on and turn-off	1967
19710072832	Adsorption of trace contaminants and regeneration of sorbents	1967
19710072842	A study of environmental effects upon particle radiation induced absorption bands in spacecraft thermal control coating pigments Quarterly progress report, 23 May - 31 Aug. 1967	1967
19710072894	ECS heat transport section - Leak check, functional check and servicing	1967
19710072913	Thermal emittance measurements	1967
19710072927	Capacitor, fixed, metalized Mylar	1967
19710073091	GSE window simulator, interstage simulator and command module tunnel simulator leak check - Chamber B	1967
19710073098	Capacitor, fixed, metalized Mylar	1967
19710073126	Comparison of observed and predicted underwater acoustic propagation loss at 3.5 kilocycles /U/	1967
19710073170	Investigation of high and low temperature resistant explosive devices Annual report, 1 Jan. - 31 Dec. 1967	1967
19710073180	Application of mixing and combustion to shockless transition /U/ Final report	1967
19710073254	Damage mechanisms in thermal control coating systems	1967
19710073313	High voltage	1967
19710073442	Aircraft CB contamination evaluation. Volume 5 - CW/BW simulant test data, J79-GE-15 engine system Final report, 1 Jul. 1967 - 4 Apr. 1968	1967
19710073501	Development of S-13G-type coatings as engineering materials Technical progress report, 22 Apr. - 21 May 1967	1967
19710073542	Launch Vehicle Utilization Study (U). Volume 2 - Launch Vehicle Characteristics and Performance	1967
19710073659	Bourns position indicator, Bourns Laboratories, Inc., model no. 156	1967
19710073660	Pressure switch, Sigma-Netics, Inc., P/N 704011, 704012, 704013, 704024, 704025, and 704026	1967
19710073826	Pressure switch, Custom Component Switches, Inc., P/N 8G46-1	1967
19710073829	Pressure switch, Hydra Electric Co., P/N 32067	1967
19710073972	Pressure switch, Parmatic, Inc., P/N AP535-4	1967
19710074044	Ignition and Combustion of Solid Propellants	1967
19710074082	Pressure switch, Helicoid Gage Division P/N 4231-1 and 4231-2	1967
19710074088	The 260 inch diameter solid rocket motor gimbal nozzle thrust vector control study Final report	1967
19710074102	Brayton-cycle demonstrator test program Monthly progress report, Feb. 1967	1967
19710074116	Research and development of high temperature gas bearings. Task 1 - Gas bearing screening analysis	1967
19710074168	Pneumatic filter, 3/8-inch, Permanent Filter Corp., P/N 10813	1967
19710074218	Saturn 5 launch vehicle with 260-inch diameter solid motors	1967
19710074260	Jet wing V/STOL aircraft employing thrust augmentation /U/	1967
19710074261	Jet wing V/STOL aircraft employing thrust augmentation /U/	1967
19710074393	Report of project Michigan. An area-scan MTI radar which distinguishes approaching from receding targets /U/	1967
19710074395	Performance characteristics of the GE9 mixed-flow augments at simulated flight conditions /U/ Interim report, 31 May 1966 - 31 Mar. 1967	1967
19710074468	Definition of astronics system modifications required to implement selected vehicle configurations Final performance review	1967
19710074539	Mariner Venus 67 - Prelaunch analysis of contamination probability	1967
19710074751	Apollo applications program. Period 2 - Program report	1967
19710074754	A survey of methods for studying air-to-air combat - World War 2 to the present	1967
19710074755	Current techniques at Rand for study of air- to-air combat	1967
19710074864	Ocean surface surveillance capability study, volume 1 Final report	1967
19710074975	Stability of thermal control coatings exposed to combined space environments Quarterly report, period ending 30 Jun. 1967	1967
19710074977	Early orbital space station specification outline	1967
19710074984	Effect of environment on thermal control coatings Progress report	1967
19710074995	Saturn 5 launch vehicle navigation equations, SA-504	1967
19710075010	Development of a UV-stable white thermal control coating Technical report, 3 Mar. - 7 Jul. 1967	1967
19710075021	Brayton cycle demonstrator test program Monthly progress report, Jan. 1967	1967
19710075022	Brayton cycle demonstrator test program Monthly progress report, Mar. 1967	1967
19710075036	Development of barrier-layer anodized aluminum for spacecraft thermal control Quarterly progress report, 1 Jul. - 1 Oct. 1967	1967
19710075049	Aerospace nuclear safety program Quarterly report, 1 Jul. - 30 Sep. 1967	1967
19710075316	Microcircuit, hybrid lamp driver, DTL 932	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075376	A summary of the results obtained in the quality control, inspection and testing of fuel materials for the second charge of the Dragon reactor. Part 4 - Loose coated particles for the D.108 programme. Project Dragon	1967
19710075377	A summary of the results obtained in the quality control, inspection, and testing of fuel materials for the second charge of the Dragon reactor. Part 5 - Centre rod fuel. Project Dragon	1967
19710075385	Relay, armature	1967
19710075424	Switch, push, neon indicator	1967
19710075425	Integrated circuit quad two-input gate, DTL 946	1967
19710075456	Performance prediction and demonstration for fluorine/hydrogen	1967
19710075547	The program at Wallops Island	1967
19710075576	Retainer captive screw, 6-32 UNC-2B	1967
19710075649	CDF pyrogen initiator	1967
19710075660	Mass data storage system Interim development report, 1 Jul. - 31 Aug. 1967	1967
19710075661	Mass data storage system Interim development report, 1 Sep. - 31 Oct. 1967	1967
19710075722	Technology and science and our past and future	1967
19710075758	A summary of the results obtained in the quality control, inspection, and testing of fuel materials for the second charge of the Dragon reactor. Part 1 - UC-10 driver fuel. Project Dragon	1967
19710075759	A summary of the results obtained in the quality control, inspection, and testing of fuel materials for the second charge of the Dragon reactor. Part 3 - Long-life fuel. Project Dragon	1967
19710075810	A summary of the results obtained in the quality control, inspection, and testing of fuel materials for the second charge of the Dragon reactor. Part 2 - The metallurgical series 2 fuel. Project Dragon	1967
19710075975	Fast sodium cooled reactor installation, /SNR project/	1967
19710076020	Design analysis review of TI 944 demodulator chopper	1967
19710076040	Data Requirement Description /DRD/ preparation standard	1967
19710076169	Stability of thermal control coatings exposed to combined space environments Quarterly report for period ending 31 Mar. 1967	1967
19710076172	Systems Engineering Division technical summary Technical report, Oct. 1966 - Mar. 1967	1967
19710076320	Prediction of uniaxial stress relaxation from creep of non-linear viscoelastic material	1967
19710076491	Guidance system operations plan for manned LM earth orbital missions using program sundance. Section 6 - Control data. Apollo guidance and navigation	1967
19710076598	Procedure for bonding polyethylene shell and polyurethane foam segments	1967
19710076697	Advanced manned mission studies, task 30 Final report	1967
19710076739	The Saturn 1 family of launch vehicles - Advanced systems planning data	1967
19710076914	Effects of spin and vent tube jet flow on Lance missile aerodynamic coefficients from analysis of wind tunnel test, LTV test 246 /U/	1967
19710076943	Low solar absorptance and emittance surfaces utilizing vacuum deposited techniques Quarterly progress report, 1 Sep. - 1 Dec. 1967	1967
19710076948	Document selfmailer cover and return receipt card standard - Apollo program	1967
19710077091	Moisture intrusion problems in Marotta solenoid valves	1967
19710077102	Passive thermal control systems development briefing	1967
19710077186	Brayto-Cycle Demonstrator test program	1967
19710077220	Solid state amplification /phase 2/ Quarterly progress reports, 1 Apr. - 30 Sep. 1967	1967
19710077412	Advance space nuclear power program, part 2 Quarterly report, Jul. - Sep. 1967	1967
19710077469	Aeronautics research and development	1967
19710077600	Tradeoff study of a new cryogenic stage for manned planetary exploration Final review	1967
19710077607	Lunar wheel and drive experimental test program. Volume 1 - Summary technical report Final report	1967
19710077608	The difference of two chi variates	1967
19710077745	A solid-state radiation-hardened FM/FM telemetry system	1967
19710077865	Evaluation tests on amplifier, operational, type mu A741	1967
19710077920	TOS mission operations plan for ETR launches	1967
19710077978	ESMRO study program. Volume 1 - Summary Final report	1967
19710078420	Analysis of GEOS PC-1000 and SECOR data Interim report, 11 Jan. - 30 Apr. 1966	1967
19710078436	Early Orbital Space Station /EOSS/ resources analysis	1967
19710078825	Coupler, directional, RF	1967
19710078838	Study of advanced multipurpose large launch vehicles	1967
19710078840	Qualification of units for use on the Apollo program	1967
19710079029	Gunfire damage to airframe structures	1967
19710079118	Loctite primers	1967
19710079190	Four hole orthogonally wound magnetic amplifier	1967
19710079601	Thermal design of a SNAP-19 generator for intact reentry /U/	1967
19710080336	Some aspects of possible gust design methods	1967
19710080574	Refractory metal contamination study Monthly report, 1 Mar. - 1 Apr. 1967	1967
19710080576	Performance and endurance testing of high temperature liquid metal instrumentation Monthly progress report for period ending Jan. 1967	1967
19710080591	Potassium boiler development program Monthly progress report, Feb. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080603	Hydrodynamic journal bearing program Monthly progress report, period ending 29 Sep. 1967	1967
19710080622	Potassium boiler development program Monthly progress report for Sep. 1967	1967
19710080623	Development and endurance testing of switchgear for space nuclear electrical systems Monthly progress report, 24 Jul. - 23 Aug. 1967	1967
19710080624	Advanced refractory alloy corrosion loop program Monthly status report, 15 Jul. - 15 Aug. 1967	1967
19710080633	Hydrodynamic journal bearing program Monthly progress report, 29 Jun. - 29 Jul. 1967	1967
19710080634	Potassium boiler development program Monthly progress report, Dec. 1967	1967
19710080635	Hydrodynamic journal bearing program Monthly progress report, 29 Apr. - 29 May 1967	1967
19710080642	Advanced refractory alloy corrosion loop program Monthly status report for period ending 15 Dec. 1967	1967
19710080648	Refractory metal contamination study Monthly progress report, 1 May - 1 Jun. 1967	1967
19710080660	Hydrodynamic journal bearing program Monthly progress report, 29 May - 29 Jun. 1967	1967
19710080662	Hydrodynamic journal bearing program Monthly progress report, 29 Jul. - 29 Aug. 1967	1967
19710080685	Refractory metal contamination study Monthly report, 1 Apr. - 1 May 1967	1967
19710080691	Fabrication and test of a space power boiler feed electromagnetic pump Monthly progress report, 3 Jul. - 3 Aug. 1967	1967
19710080800	Performance and endurance testing of high temperature liquid metal instrumentation Monthly progress report for Mar. 1967	1967
19710080997	Mechanical properties of high-temperature fibrous structural materials. Part 4 - Evaluation of polybenzimidazole fibrous structures Technical report, Mar. 1965 - Jun. 1967	1967
19710081000	Hydrodynamic journal bearing program Monthly progress report, 29 Sep. - 29 Oct. 1967	1967
19710081126	August monthly report	1967
19710081187	AH-56A maintenance and support system requirements study, volume 3, appendix	1967
19710081193	AH-56A maintenance and support system requirements study. Volume 2 - Program performance and plan Final report	1967
19710081283	AH-56A maintenance and support system requirements study. Volume 1 - Summary Final report	1967
19710081288	Explosive release, E. I. Dupont de Nemours Company P/N X-696	1967
19710081389	Preliminary vibration and flutter analysis of the model OV-1C /FY 1967, long wing/ airplane	1967
19710081567	Nimbus type control configuration study - Attitude control system design	1967
19710082028	LM 1, 2, 3 measurements list	1967
19710082337	On equilibrating columns - A study of a laboratory model, the effect of the servomechanism on the cross-section of the column	1967
19710082551	Supercharged ejector ramjet /U/	1967
19710082561	Theoretical impact effects of composite projectiles Monthly progress report, 19 Feb. - 18 Mar. 1967	1967
19710082562	Theoretical impact effects of composite projectiles Monthly progress report, 18 Apr. - 17 May 1967	1967
19710082584	Destruction of material by cavitation and corrosion in ethylene-glycol-water mixtures	1967
19710082661	Research program for the development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces Monthly progress report, 28 Dec. 1966 - 27 Jan. 1967	1967
19710082682	Progress report, period ending 4 March 1967	1967
19710082684	Emissivity coatings for low temperature space radiations Monthly progress report, 1-31 Mar. 1971	1967
19710082685	Emissivity coatings for low-temperature space radiators Monthly progress report, 1-31 May 1967	1967
19710082727	Monthly progress report, period ending 3 June 1967	1967
19710082729	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Nov. - 1 Dec. 1967	1967
19710082730	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Jul. - 1 Aug. 1967	1967
19710082735	Special study of laser test techniques Final report, Jan. 1966 - Feb. 1967	1967
19710082742	Monthly progress report, period ending 29 April 1967	1967
19710082743	Emissivity coatings for low temperature space radiations Progress report, 1 Jun. - 30 Jun. 1967	1967
19710082745	Determination of elevated temperature fatigue data on refractory alloys in ultra high vacuum Monthly progress report, 1 Mar. - 1 Apr. 1971	1967
19710082746	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Jun. - 1 Jul. 1967	1967
19710082747	Emissivity coatings for low temperature space radiators Progress report, 1 Nov. - 30 Nov. 1967	1967
19710082752	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Jan. - 13 Feb. 1967	1967
19710082753	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Mar. - 13 Apr. 1967	1967
19710082754	Monthly progress report, period ending 28 January 1967	1967
19710082793	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Feb. - 1 Mar. 1967	1967
19710082795	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Apr. - 1 May 1967	1967
19710082796	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 May - 1 Jun. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082797	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Jan. - 1 Feb. 1967	1967
19710082809	Emissivity coatings for low temperature space radiators Progress report, 1 Sep. - 30 Sep. 1967	1967
19710082811	Emissivity coatings for low temperature space radiations Progress report, 1 Jan. - 31 Jan. 1967	1967
19710082824	Development of large diameter T-3 alloy tubing Monthly letter reports, 6 Jun. - 6 Aug. 1967	1967
19710082825	Emissivity coatings for low temperature space radiators Progress report, 1 Dec. - 31 Dec. 1967	1967
19710082835	Emissivity coatings for low temperature space radiators Progress report, 1 - 28 Feb. 1967	1967
19710082875	Theoretical impact effects of composite projectiles Monthly progress report, 18 May - 17 Jun. 1967	1967
19710082876	Theoretical impact effects of composite projectiles Monthly progress report, 18 Jun. - 17 Jul. 1967	1967
19710082877	Monthly report, May 1967	1967
19710083053	Fluidic compensation for a pneumatic position servo	1967
19710083285	Monthly report, July 1967	1967
19710083287	Monthly report, June 1967	1967
19710083329	Monthly progress report, period ending 31 Dec. 1966	1967
19710083372	Monthly report, February 1967	1967
19710083373	Monthly report, January 1967	1967
19710084066	Implementation plan development of dosage prediction models and concepts	1967
19710084117	Arctic weather station interrogation and data reception base station Technical report, Jan. - Jun. 1967	1967
19710084190	Evaluation of aircraft/jet blast deflector interrelated problems prototype F-11B airplane phase /U/ Final report	1967
19710084292	Production reliability evaluation program, pressure XDCR 1464036-037	1967
19710084402	Test plan aerosol diffusion over a shoreline complex	1967
19710084612	Techniques in optimizing spare parts provisioning	1967
19710084813	Evaluation of the Sea Jet 12-1 waterjet propulsion system for use in high speed 80-100 knots surface effect ships Program definition phase report	1967
19710084846	Theoretical, investigative, and experimental program directed toward design and development of an improved gallium arsenide infrared light source /U/ Interim technical report, 1 Jan. - 31 Mar. 1967	1967
19710084895	Hypervelocity and infravelocity weapons /U/	1967
19710084965	Proceedings on Acoustics of Submerged Structures, volume 2	1967
19710084974	Liquid rocket operations	1967
19710084982	Dragon memoranda EP-3, 3A - NRX-A6 test series /U/	1967
19710085436	Apollo interface control document log	1967
19710085564	Sea water activated battery Mark 61 Mod 0 surveillance test report	1967
19710086316	Test report, Program 110, production reliability evaluation program, pressure XDCR 1464036-037	1967
19710086784	Reliability verification test for P/N 1960922-01S016 and 1960922-01S020 capacitor, liquid electrolytic, tantalum	1967
19720062409	Torsion of a cylindrical rod welded to an elastic half space	1967
19720062410	Torsion of elastic cylinders in contact	1967
19720062455	Evaluation of the thermophysical properties of the Apollo heat shield, volume 1	1967
19720063541	Surface motion response spectra. Project Shoal	1967
19720063603	Analysis, criteria development, and design of an orbital condensing heat transfer experiment. Volume 1: Design and program summary	1967
19720063604	Analysis, criteria development, and design of an orbital condensing heat transfer experiment. Volume 2: Analysis and criteria development	1967
19720063653	Lunar surface materials hazards evaluation	1967
19720063662	An experimental aerodynamic heating study of a variable-geometry lifting body reentry configuration	1967
19720063663	Aerodynamic characteristics at Mach numbers from 1.50 to 4.63 of a variable-geometry lifting reentry concept employing elevator and body base flaps for control	1967
19720063667	Comparative aerodynamic study of two hypersonic cruise aircraft configurations derived from trade-off studies	1967
19720063676	Radiative heating results from the Fire 2 flight experiment at a reentry velocity of 11.4 kilometers per second	1967
19720063677	Prediction of the stagnation-point radiation heat transfer for the Project Fire reentry vehicle	1967
19720063680	Spectral measurements of gas-cap radiation during Project Fire flight experiments at reentry velocities near 11.4 kilometers per second	1967
19720063850	CMC guidance and navigation equations. Lunar landing mission GSOP preliminary section 5	1967
19720064021	Meteor research program	1967
19720064023	Meteor research program	1967
19720064026	A survey of the influx rates of major meteor streams	1967
19720064030	Apollo applications reliability and quality assurance program plan	1967
19720064039	Cost plus award fee contracting guide	1967
19720064040	NASA incentive contracting guide	1967
19720064041	NASA management issuances table of contents	1967
19720065091	Launch vehicle preliminary reference trajectory AAP-1 mission	1967
19720065417	Procedures for reporting cost information from contractors	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720065465	A simple method for determining high heat rates by using slug calorimeters	1967
19720065503	The effect of temperature on chlorophyll synthesis in chlorella	1967
19720065512	The distribution of zero crossings for self-excited oscillators	1967
19720065643	General theory of multiple unit impact dampers	1967
19720065889	Gravitational equilibria of a rigid body containing symmetric rotors	1967
19720066147	Large animal urine/feces separator	1967
19720066255	Infrared spectral emittance of rocks from the Pisgah Crater and Mono Craters areas, California	1967
19720066295	Lunar crater counts. 3: Post Mare and "Archimedian" variations	1967
19720066427	Fluorine systems handbook	1967
19720066593	Studies of thermionic materials for space power applications	1967
19720066594	Material evaluation and analytical study of integral cesium reservoir, part 1	1967
19720066595	Vacuum emission studies, part 2	1967
19720066596	Performance stability tests on fueled and unfueled cesium thermionic converters, part 3	1967
19720066765	Preparing for the next decade in flight	1967
19720066771	Studies of thermionic materials for space power applications	1967
19720066772	Effects of ablation on the nonplanar motions of slender entry bodies	1967
19720066805	Postoperation examination of thermionic Life Cells LC-1 and LC-2	1967
19720066809	Heat-transfer and pressure measurements obtained during launch and reentry of the first four Gemini-Titan missions and some comparisons with wind-tunnel data	1967
19720066814	Advanced valve technology. Volume 1: Spacecraft valve technology	1967
19720066815	Advanced valve technology. Volume 2: Materials compatibility and liquid propellant study	1967
19720066830	Analysis and full-scale water flow testing of the tungsten water-moderated nuclear reactor	1967
19720066986	Early lunar shelter design and comparison study. Volume 4: System integration and configuration design	1967
19720067242	Study of mission modes and system analysis for lunar exploration (MIMOSA). MIMOSA planning methodology, volume 1 (except appendices K and L): Planner's handbook	1967
19720067243	Study of mission modes and system analysis for lunar exploration (MIMOSA). MIMOSA technical report, volume 2: Candidate lunar exploration programs	1967
19720067244	Study of mission modes and system analysis for lunar exploration. (MIMOSA). MIMOSA technical report, volume 3: Recommended lunar exploration plan	1967
19720067245	Study of mission modes and system analysis for lunar exploration (MIMOSA): Summary digest	1967
19720067287	Abstracts of the literature examined by the Radiation Shielding Information Center (space and accelerator shielding), volume 1	1967
19720067337	Early Lunar Shelter Design and Comparison Study. Volume 6: Supporting Studies. Book 1: Structural Design and LMT Integration. Book 2: Review of Scientific Mission Requirements. Book 3: Hassle Analysis of Proposed Schedule	1967
19720067607	Reactor power plants for lunar base application	1967
19720067620	Nuclear electric Brayton powerplant characteristics study	1967
19720067834	Study of an Optical Technology Test and Operation Station (OTTOS). Volume 2: Appendices	1967
19720067860	The petrology of chondritic meteorites in the light of experimental studies	1967
19720067968	OSO-D experiment payload description	1967
19720067977	LGC guidance and navigation equations: Lunar landing mission GSOP preliminary, section 5	1967
19720067978	Technological requirements common to manned planetary missions	1967
19720067979	Fire extinguishment summary	1967
19720067980	Fire extinguishment	1967
19720067985	Early lunar shelter design and comparison study	1967
19720067987	General protuberance heat transfer test. Volume 3: Data evaluation report	1967
19720068068	Description of instruments for data display of continuously monitored physiological information	1967
19720068074	Hydrogen detectors	1967
19720068075	A probabilistic method of designing specified reliabilities into mechanical components with time dependent stress and strength distributions	1967
19720068860	Ground support equipment planning and requirements document. Volume 1: Numerical listing	1967
19720069207	Bimonthly Progress Report, 1 May - 30 June 1967	1967
19720069210	Bimonthly Letter Progress Report, 1]November- 31 December 1966	1967
19720069246	LTA-8 Measurements List	1967
19720069743	Design and development of a zinc chromic acid-seawater activated torpedo exercise battery	1967
19720070180	Air conveying of SPRINT and HIBEY casting powder	1967
19720070418	Tube weld inspection	1967
19720070419	Ultrasonic pulse-echo thickness measurement	1967
19720070582	The stability of a faired cable of a tethered system in its fundamental mode	1967
19720070691	A difference scheme of improved damping	1967
19720070793	Overload of a hinged rotor blade of a helicopter as a result of blade impact against the blade stop	1967
19720070808	Properties of syntactic foam initially and after cyclical exposure to hydrostatic pressure	1967
19720070854	Self-leveling study program (U)	1967
19720071543	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 8: Fire protection subsystem design analysis and descriptive data	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071649	Sparton ceramic torpedo transducer (U)	1967
19720071676	Thermal night sight (U)	1967
19720071999	Evaluation test report, Apollo indicator alarm, 1005018, Symbolic Displays, Incorporated	1967
19720072293	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 4-2: Vehicle power subsystems	1967
19720072294	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 4-3: Environmental control and protection	1967
19720072295	US/FRG V/STOL tactical fighter program. Definition phase. Part 2, volume 5-11-1: US/FRG V/STOL avionics integration	1967
19720072296	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 11-1: Fuselage stress analysis	1967
19720072297	US/FRG V/STOL tactical fighter program. Definition phase. Part 2, volume 11-5: Landing gear stress analysis	1967
19720072298	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 14: Crew provisions report	1967
19720072299	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 30: Program management control room plan	1967
19720072300	US/FRG V/STOL tactical fighter program. Definition phase. Part 3, volume 37. Standardization program plan	1967
19720072301	US/FRG V/STOL tactical fighter program. Definition phase, Technical and management plans. Part 3, Volume 38: Configuration mock-up plan	1967
19720072302	US/FRG V/STOL tactical fighter program definition phase, technical and management plans. Part 3, volume 39: Simulation plan	1967
19720072303	US/FRG V/STOL tactical fighter program definition phase, technical and management plans. Part 3, volume 40-1: Corrosion prevention and control plan	1967
19720072304	US/FRG V/STOL tactical fighter program definition phase, technical and management plans. Part 3, volume 40-2: Electromagnetic compatibility system control plan	1967
19720072305	US/FRG V/STOL tactical fighter program definition phase, technical and management plans. Part 3, volume 42-1: Configuration management plan	1967
19720072306	US/FRG V/STOL tactical fighter program definition phase, technical and management plans. Part 3, volume 42-2: Data management plan	1967
19720072307	US/FRG V/STOL tactical fighter program definition phase technical and management plans. Part 3, volume 45-2: Engineering development tests	1967
19720072308	US/FRG V/STOL tactical fighter program definition phase, technical and management plans. Part 3, volume 52-2: Maintainability	1967
19720072309	US/FRG V/STOL tactical fighter program definition phase, technical and management plans. Part 3, volume 53: Aerospace Ground Equipment (AGE) plan	1967
19720072310	US/FRG V/STOL tactical fighter program definition phase, technical and management plans. Part 3, volume 54: Personnel subsystem development plan	1967
19720072311	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 55: Qualitative and quantitative personnel requirements information. Part 1: Field and organizational maintenance	1967
19720072312	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 56: Type 1 training plan	1967
19720072313	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 57: Training equipment planning Information (TEPI)	1967
19720072314	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 58: Contractor Engineering and Technical Services (CETS) plan	1967
19720072315	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 59: Technical manual publications plan	1967
19720072316	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 60: Facilities requirements plan	1967
19720072317	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 62-1: Manufacturing organization	1967
19720072318	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 62-3: Subcontracting	1967
19720072319	US/FRG V/STOL tactical fighter program definition phase. Part 3, Volume 62-6: Quality program plan, 34F	1967
19720072320	US/FRG V/STOL tactical fighter program definition phase technical and management plans. Part 3, volume 62-7: Value engineering program plan	1967
19720072321	US/FRG V/STOL tactical fighter program definition phase technical and management plans. Part 4, volume 65-3: Associate contractor agreements	1967
19720072322	US/FRG V/STOL tactical fighter program definition phase final report technical and management plan. Part 3, volume 49: Personnel subsystem test and evaluation plan	1967
19720072323	US/FRG V/STOL tactical fighter program definition phase - Final report technical and management plans. Part 3, volume 50: Logistics support plan for test site support installation, checkout and test	1967
19720072489	Design requirements for a tactical automatic weather station system	1967
19720072490	Feasibility study of rotochute decelerator for tactical weather buoy	1967
19720072641	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 43: Biomedical problems data (U)	1967
19720072642	US/FRG V/STOL tactical fighter program definition phase. Part 2, Volume 13: Environmental control and protection and bleed air subsystem design analysis (U)	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072643	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 23-1: Contract end item detail specification prime equipment. Performance/design and product confirmation requirements (U)	1967
19720072644	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 15: Crew station subsystem designs (U)	1967
19720072645	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 3: Airframe subsystem physical characteristics (U)	1967
19720072646	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-7: Instrument subsystem (U)	1967
19720072647	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 12: Flight vehicle power subsystem analysis data (U)	1967
19720072649	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-16: Armament system analysis (U)	1967
19720072650	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-12: Pure STOL version analysis (U)	1967
19720072651	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 4-1: Propulsion subsystem (U)	1967
19720072652	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 41: Reliability program plan (U)	1967
19720072653	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 52-1: Reliability (U)	1967
19720072654	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 48: Reliability test and evaluation plan (U)	1967
19720072655	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-3: Stability and control analysis (U)	1967
19720072656	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-2-5: Thermal analysis (U)	1967
19720072657	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 6: Fuel subsystem design analysis and descriptive data (U)	1967
19720072658	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-5-3: Performance analysis. General data requirements (U)	1967
19720072659	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 27-1: Interface control document for the US/FRG, V/STOL tactical fighter aircraft and the vectored thrust cruise turbofan engine, Pratt and Whitney (U)	1967
19720072660	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 27-2: Interface control document for the US/FRG, V/STOL tactical fighter aircraft and the vectored thrust cruise turbofan engine, general electric (U)	1967
19720072661	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 27-3: Interface control document for the US/FRG V/STOL tactical fighter aircraft and the direct lift turbojet engine (U)	1967
19720072662	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 17-1: Reingestion and heating test with six YJ 85-GE-5 engines on a half scale model at NASA, Ames in September 1967 (U)	1967
19720072663	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-4: Flight control system analysis (U)	1967
19720072664	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-15: Airframe-propulsion compatibility analysis (U)	1967
19720072665	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-14: Weapon compatibility analysis (U)	1967
19720072666	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-5-1: Performance analysis, PW-1 (U)	1967
19720072668	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 17-2: High speed inlet test on a 1/20th scale model of the US/FRG V/STOL tactical fighter (U)	1967
19720072669	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-11: Avionics subsystem analysis (U)	1967
19720072670	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-11-2: Alternative radar consideration on for US/FRG prototype avionics subsystem (U)	1967
19720072672	US/FRG V/STOL tactical fighter program definition phase. Part 1, volume 1-2: Final report summary (U)	1967
19720072673	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 29: Management proposal: Schedules (U)	1967
19720072674	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 11-2: Wing stress analysis (U)	1967
19720072676	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 11-4: Vertical tail stress analysis (U)	1967
19720072677	US/FRG V/STOL tactical fighter program definition phase. Part 2; volume 2: System analysis summary report (U)	1967
19720072678	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 10: Vibration and acoustics analysis (U)	1967
19720072679	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 46, category 2: Test plan/procedures (U)	1967
19720072680	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 62-2: Make-or-buy program (U)	1967
19720072681	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 62-4: Resources and manufacturing capability (U)	1967
19720072682	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 62-5: Production planning (U)	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072683	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 63: Packaging, handling and transportability plan (U)	1967
19720072684	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 64: Transportation plan (U)	1967
19720073068	Possibilities for physics and astronomy programs, 1968-1987	1967
19720073095	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 16: Crew escape systems data	1967
19720073096	US/FRG V/STOL tactical fighter program. Part 2, volume 18: Facility design criteria	1967
19720073097	US/FRG V/STOL tactical fighter program. Part 2, volume 20: Facility interface sheets	1967
19720073098	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 21: High risk	1967
19720073099	US/FRG V/STOL tactical fighter program. Definition phase. Part 2, volume 23-3: Procedures simulator trainer	1967
19720073100	US/FRG V/STOL tactical fighter program definition phase. Part 3, volume 28: Contractor's technical/management plan summary	1967
19720073378	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 4-4: Airframe	1967
19720073379	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 4-5: Flight control	1967
19720073380	US/FRG V/STOL tactical fighter program. Definition phase. Part 2, volume 5-2-4: Fatigue design analysis	1967
19720073381	US/FRG V/STOL tactical fighter program. Definition phase. Part 2, volume 5-2-6: Weight control program plan	1967
19720073382	US/FRG V/STOL tactical fighter program. Definition phase. Part 3, volume 31: Cost/schedule planning and control system implementation plan	1967
19720073383	US/FRG V/STOL tactical fighter program. Definition phase. Part 3, volume 32: Program work breakdown structure	1967
19720073384	US/FRG V/STOL tactical fighter program. Definition phase. Part 3, volume 36: System safety plan	1967
19720073602	Centaur reliability AC-13 flight vehicle assessment report	1967
19720073879	US/FRG V/STOL tactical fighter program. Part 2, volume 5-1: Propulsion system analysis (U)	1967
19720074044	Apollo launch site recovery plan	1967
19720074060	Prospectus 1967. A listing of program opportunities, 1968 - 1987	1967
19720074083	US/FRG V/STOL tactical fighter program. Part 2, volume 5-10: Training equipment development analysis	1967
19720074084	US/FRG V/STOL tactical fighter program definition phase - Final report technical and management plans. Part 3, volume 51: Maintainability program plan	1967
19720074273	NASA contractors TRIM (Test, Reassess, Innovate, Motivate) cost	1967
19720074274	Space flight payload capability	1967
19720074391	AN/SRA-43 receiving antenna group: Engineering evaluation of preproduction model	1967
19720074547	Comparator-converter group AN/URA-17 (C), engineering evaluation	1967
19720074565	Development of objective technique for ear protector attenuation measurements	1967
19720074571	Burning characteristics of flame weapon fuels	1967
19720074823	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 19: Design sheets (U)	1967
19720075031	Saturn 5 dynamic launch decision criteria feasibility study report	1967
19720075134	C-5A category 1 test results-C-5A center windshield qualification test	1967
19720075269	V/STOL aircraft characteristics affecting behavior of supporting surfaces	1967
19720075321	International research and development on the avionics of V/STOL aircraft	1967
19720075360	Saturn V AS-502 launch vehicle operational flight trajectory-initial	1967
19720075570	Program review: Life sciences	1967
19720075578	Apollo applications test requirements	1967
19720075656	Infrared spectrophotometric analysis of nitrocellulose propellants for stabilizer and stabilizer degradation products, part 2	1967
19720075761	The design and programming of a display interface system integrating multi-access and satellite computers	1967
19720075911	Propagation of landmark portion of the W matrix during landmark tracking periods	1967
19720075912	A recursive CG correction scheme	1967
19720075913	User's guide to TJB STATE	1967
19720075915	Apollo spacecraft systems analysis program. Range coverage of the CSM rendezvous radar transponder, task E-34C	1967
19720075967	Apollo applications program	1967
19720075968	Apollo applications program	1967
19720075973	Review of lunar landing mission operations	1967
19720075987	Review of lunar landing mission. Part 2: Earth launch to lunar touchdown	1967
19720075989	Launch vehicle to spacecraft procedural requirements AS-501 and AS-502	1967
19720075995	Launch vehicle targeting objectives proposal, AAP-2 mission	1967
19720076004	MSC Crew Systems Division, Apollo Support Branch, crew GFE reliability and quality assurance office manual	1967
19720076008	Analysis to support the gross LM-MSFN-CSM combined system test of the unified S-band communication system	1967
19720076014	Flight test verification analysis. Volume 1: Space vehicle systems	1967
19720076015	Flight test verification analysis. Volume 2: Aborts	1967
19720076016	Flight test verification analysis. Volume 3: Ground Operational Support System (GOSS)	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076239	User's guide to CONICTIMEKK	1967
19720076298	The TALL system: A lunar logistics supplement to Apollo	1967
19720076383	Chemical upper stages, flox/methane propulsion module	1967
19720076483	Plutonium analysis of seawater by ion exchange with Chelex-100	1967
19720076535	Radioactivity release from radionuclide power sources. 6: Release from plutonium to seawater in the presence of ocean-bottom material	1967
19720076536	Further research on resin-impregnated, collimated boron filaments and improved high-modulus, high-strength filaments and composites	1967
19720076539	Temperature control coatings for cryogenic temperature substrates	1967
19720076823	NAR/NASA CSM 101 Delta critical design review phase 1	1967
19720076826	North American Rockwell Corporation, Space Division, safety plan, central departments	1967
19720077307	Phase 2 PBPS stress corrosion program summary report of short term tests	1967
19720077446	S-4B station module study	1967
19720077456	Planetary program	1967
19720077457	Geographic loci of Apollo translunar injection burns and free return touchdown positions. Volume 8: October - December 1969	1967
19720077458	Geographic loci of Apollo translunar injection burns and free return touchdown positions. Volume 3: August - October 1968	1967
19720077459	Integrated Manned Interplanetary Spacecraft Concept Definition (IMISCD)	1967
19720077479	Project Apollo flight readiness review spacecraft 017 board FRRID's	1967
19720077649	CSM S/C 012 subsystem operating logic schematics	1967
19720077650	AS-204 instrument unit stage design certification review	1967
19720077651	Spacecraft Cryogenic Systems Technology Briefing	1967
19720077660	Kick stage. Volume 2: Subsystem analysis	1967
19720077692	Apollo-CSM inactive GSE report. Inactive/surplus Apollo-CSM contract end items	1967
19720077885	Reentry data report WTR no. 2856 (U)	1967
19720077886	Reentry data report, WSMR test (9 June 1967) (U)	1967
19720077888	FTM 779 Old Coin (13 July 1967) LGM-30B cold heat soak test launch no. 2 - Wing 2 WS-133A, Minuteman flight test report (U)	1967
19720077891	Reentry data report, WTR 0510 (29 July 1967) (U)	1967
19720077892	Wind tunnel test of recovered model 1033 decoys: Effect of ablation induced asymmetries on roll torques and trim angle of attack (U)	1967
19720077893	Reentry Vehicle Technology and Observables (RVTO): Phase 1A program (U)	1967
19720077894	VIP data analysis and wake research (U)	1967
19720077895	Kinetic theory of shock formation	1967
19720077896	Laboratory high altitude shock investigations	1967
19720077897	The distribution of dissociated and ionized species at the stagnation region of a blunt body in nonequilibrium flow	1967
19720077898	The role of vibration electronic energy exchange in R/V stagnation region radiation	1967
19720077899	The coupling of stagnation flow and reaction kinetics	1967
19720077900	Nonequilibrium stagnation point radiation (U)	1967
19720077901	Water table research on wakes	1967
19720077902	Vibrational temperature studies (U)	1967
19720077903	Stellar unique functions for stellar inertial accuracy and computer sizing study (SIACS) (U)	1967
19720077904	Re-entry data report WSMR test number 69 (U)	1967
19720077905	Surface patterns on ablating Teflon cones (U)	1967
19720078077	Apollo applications program baseline configuration definition AAP-1a through AAP-5	1967
19720078095	Results of a preliminary applications study of the Scientific Maneuverable Subsatellite (SMS)	1967
19720078579	Monthly Progress Report, period ending 15 October 1967 (U)	1967
19720078830	Advanced Mission Study: Saturn Mission Payload Versatility	1967
19720078834	Service module summary	1967
19720079375	Service module upper stage, IR and D TPA 0110 S/P 11080	1967
19720079378	Advanced logistics spacecraft system. Volume 8: Program development and costs, and study results	1967
19720079379	Early workshop stabilization	1967
19720079381	Research in use of deployable rotors for final descent and landing of reentry vehicles, task 1	1967
19720079383	Orbital cluster tradeoff study	1967
19720079384	Kick stage. Volume 1: Vehicle analysis	1967
19720079389	Autogenous pressurization for increased space propulsion reliability	1967
19720079396	Independent flight software test plan for LGC digital autopilot tests	1967
19720079397	Trip report minutes on the discussion of communication through the reentry plasma sheath, part 1	1967
19720079398	Trip report minutes on the discussion of communication through the reentry plasma sheath, part 2	1967
19720079457	Minutes of the Meeting of the TYCHO Study Group	1967
19720079770	TED-9 air bearing blower comparison of two manufacturers	1967
19720079984	Summary of the Surveyor program	1967
19720080109	Test and evaluation of capacitors, fixed, ceramic-dielectric for Mil-C-11015C	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080240	Aerodynamic design of the GE4 Block 2 turbine (U)	1967
19720080259	GE4 turbine: Block 2 Stage 2 blade heat transfer analysis (U)	1967
19720080289	GE4 block 2 turbine casing cooling system (U)	1967
19720080290	GE4 block 2 turbine blade cooling air inducer vanes (U)	1967
19720080291	GE4 first stage turbine vane cooling design for blocks 1 and 2 (U)	1967
19720080482	Phoebus-2	1967
19720080488	C-1 program problem solution technical status	1967
19720080503	Studies of thermionic materials for space power applications	1967
19720080695	Cooling devices evaluation	1967
19720080902	Carrier frequency range noncapacitor coaxial cable	1967
19720081001	Dynamic loading behavior of eight reentry-vehicle materials at room temperature	1967
19720081066	Experiment interface requirements document. Volume 4: Space operations	1967
19720081068	Experiment Interface Requirements Document. Volume 2: Biomedical, Behavioral, Bioscience	1967
19720081088	Scientific strategy, objectives, and experiments for Mariner missions from 1970 through 1973	1967
19720081179	Test and evaluation of switches, pushbutton, illuminated (2 lamp display). Original test data	1967
19720081180	Test and evaluation of switch assemblies, pushbutton, gang four station. Original test data	1967
19720081181	Test and evaluation of variable wirebound trimmers rectilinear and square	1967
19720081196	Test and evaluation of subminiature cooling device for MIL-B-23071A. Original test data	1967
19720081198	Test and evaluation of resistors, fixed, metal film, precision miniature (for Mil-R-10509F)	1967
19720081214	Test and evaluation of switches, rotary, circuit selector, miniature for Mil-S-3786B	1967
19720081277	Effects of acceleration upon combustion rate test. Nomex standard cloth	1967
19720081279	Effects of acceleration upon combustion rate test. Teflon	1967
19720081290	Manned space flight report: Actions taken as a result of the AS-204 accident. Part 7 of the ""Hearings"" (in part)	1967
19720081296	AT-85D users guide (task A-108 version)	1967
19720081323	Manufacturing plan: Cryogenic gas storage system, Apollo applications program	1967
19720081340	Parametric study of manned life support systems	1967
19720081412	The space science and applications programs	1967
19720081456	Specified local scientific survey module for Apollo applications program	1967
19720081471	Test and evaluation of capacitors, fixed. Original test data	1967
19720081485	Test and evaluation of capacitors, fixed, plastic dielectric (in non-metal cases), for Mil-C-55514. Original test data	1967
19730060777	Command service module system handbook	1967
19730060778	Apollo S/C deactivation procedures for landing safing team. Mission AS501 (SC017)	1967
19730060846	AAP fuel cell program, phase 2	1967
19730060878	Reduction and analysis of particle data for Project RELAY	1967
19730060914	Computerized visibility calculations maximum sighting range program	1967
19730061028	Continued investigation of solid propulsion economics. Task 4: Cost projections for new sounding rockets and upper stages	1967
19730061030	Continued investigation of solid propulsion economics. Cost-effectiveness of large booster feasibility demonstration and development programs	1967
19730061046	Familiarization manual: Mission Control Center, Houston	1967
19730061056	Non-metallic materials flammability test plan	1967
19730061109	Studies of thermionic materials for space power applications	1967
19730061110	Studies of thermionic materials for space power applications	1967
19730061296	Turbine disk burst protection study	1967
19730061297	The ignition transient in small solid propellant rocket motors of practical configurations	1967
19730061305	Photography obtained with ALOTS (Automatic Lightweight Optical Tracking System) in support of the earth resources aircraft program	1967
19730061338	Thermal cyclic behavior of tungsten-uranium dioxide cermets containing metal oxide additives	1967
19730061342	Evaluation of tungsten-uranium dioxide composites prepared by a tungsten-vapor-cementation process	1967
19730061343	Factors affecting high-temperature strength of tungsten-uranium dioxide composites	1967
19730061344	Evaluation of processes for fabricating tungsten-uranium dioxide honeycomb configurations	1967
19730061345	Temperature and coolant-induced reactivity variations and their relation to control worth in nuclear rocket reactors	1967
19730061346	Pressure measurements in water-moderator crossover region of tungsten water-moderated reactor	1967
19730061347	Evaluation of welding techniques for tungsten-uranium dioxide composites	1967
19730061349	Thermal cyclic stability of clad cermets prepared from tungsten-coated uranium dioxide particles	1967
19730061350	Evaluation of vapor deposited tungsten claddings on tungsten-uranium dioxide composites	1967
19730061364	Preparation and roll compaction of tungsten-coated uranium dioxide particles	1967
19730061365	Component flow and fluid properties during cold flow experiments in a nuclear rocket system	1967
19730061371	Startup heat-transfer and fluid-flow characteristics in a nuclear-rocket reflector	1967
19730061377	Studies of thermionic materials for space power applications	1967
19730061378	Studies of thermionic materials for space power applications	1967
19730061379	Fabrication of converters LC-7, -8 and -9	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730061380	Plum Brook irradiation studies	1967
19730061717	Generation and propagation of acoustic and gravity waves in the solar atmosphere	1967
19730061725	Studies of thermionic materials for space power applications	1967
19730062085	The development of thermionic-heat pipe space power technology	1967
19730062087	The development of thermionic-heat pipe space power technology	1967
19730062088	Component development and electrical life testing of externally fueled thermionic converters	1967
19730062158	Development and evaluation of cylindrical thermionic converters	1967
19730062458	MIMOSA: Study of mission modes and system analysis for lunar exploration	1967
19730062486	Fuel pin design, fabrication, and fabrication evaluation	1967
19730062488	A numerical hydrodynamic study of coalescence in head-on collisions of identical stars	1967
19730062608	Nuclear electric Brayton power plant characteristics study	1967
19730062626	Development and evaluation of tungsten-uranium dioxide cermet fueled thermionic emitters and the investigation of mass transport mechanisms in vented thermionic emitters	1967
19730062629	Temperature control flux monitor design and development	1967
19730062643	Significant developments concerning the geocorona and magnetosphere	1967
19730062688	Pseudo fuel element and Doppler target fabrication	1967
19730062777	Study of an optical technology test and operation station (OTTOS), volume 1	1967
19730062802	Development of Nondestructive Testing Methods for NASA Tungsten, Water-moderated Reactor Fuels. Volume 2: Test Method and Equipment Summary	1967
19730062803	Nuclear testing methods for plates and honeycomb grids	1967
19730062804	Ultrasonic techniques for measuring fuel loading in plates and honeycomb grids	1967
19730062805	Eddy current methods for measuring fuel loading in plates	1967
19730062806	Ultrasonic methods for examining the integrity of plates and honeycomb grids	1967
19730062807	Eddy current methods for examining honeycomb grids	1967
19730062808	Methods and instruments for measuring the dimensional tolerances of honeycomb grids	1967
19730062896	Electron transport theory, calculations and experiments	1967
19730062900	Orbital workshop data management study report, volume 1	1967
19730063295	Study of control computers for control moment gyro stability and control systems. Volume 1: Engineering	1967
19730063296	Study of control computers for control moment gyro stability and control systems. Volume 2: Simulation	1967
19730063318	The radiation cross linking of hydrogenated polyethylene	1967
19730063319	Effect of morphology and degree of crystallinity on the infrared absorption spectra of linear polyethylene	1967
19730063324	Surveyor spacecraft thermal control	1967
19730063331	The law of a small group: A report on the Berkeley penthouse experiments with emphasis on Penthouse 5. Part 1: The penthouse experiments. Part 2: The log of penthouse 5	1967
19730063591	Geographic loci of Apollo translunar injection burns and free return touchdown positions. Volume 1: February - April 1968	1967
19730063790	Astronomical observations at low radio frequencies	1967
19730063831	Polydipsia elicited by the synergistic action of a saccharin and glucose solution	1967
19730063833	Sex differences in taste preference for glucose and saccharin solutions	1967
19730063834	Further studies of sex differences in taste preferences with sweet solutions	1967
19730063839	Empirical simulations of the translunar injection burn for nominal and alternate missions	1967
19730063840	Results of independent flight software validation test of the BURST116 program for the LM-1 mission	1967
19730063907	Preliminary ship positioning data. Volume 2: April - June 1969	1967
19730063912	Guidance targeting analysis. Minimizing LOI fuel requirements	1967
19730063913	Preliminary radar ship analysis program	1967
19730064067	Preliminary ship positioning data. Volume 4: October - December 1969	1967
19730064068	Navigation analysis study CSM active rendezvous	1967
19730064069	Final phase reentry range predictor study	1967
19730064073	Gemini summary conference slides	1967
19730064163	DART: Downtown Atlanta Radial Transit	1967
19730064172	Continued investigation of solid propulsion economics. Task 1E: Transportation and handling of large solid rocket motors	1967
19730064173	Continued investigation of solid propulsion economics. Task 1F: Retrieval and refurbishment of large solid rocket motors	1967
19730064174	Continued investigation of solid propulsion economics. Task 2: Staging of large solid rocket motors	1967
19730064175	Continued investigation of solid propulsion economics. Task 3: Cooled nozzles for large solid rocket motors	1967
19730064183	OBSIM and NAVSIM detailed subroutine and program description. Book 1: OBSIM	1967
19730064321	The management process, management information and control systems, and cybernetics	1967
19730064325	Continued investigation of solid propulsion economics. Review of propellants applicable to the 260 inch solid rocket motor	1967
19730064326	Mobility dynamics analysis and test of the Lunar Scientific Survey Module (LSSM)	1967
19730064338	Solar panel attitude study for AAP orbital workshop missions	1967
19730064339	Geographic loci of apollo translunar injection burns and free return touchdown positions. Volume 4: October - December 1968	1967
19730064341	OBSIM and NAVSIM detailed subroutine and program description. Book 2: NAVSIM	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730064343	Simplified operational processor for LM powered descent monitoring displays	1967
19730064484	Numerical analysis of the second-variational method	1967
19730064485	Abort limit lines due to Saturn 5 and Apollo block 2 structural constraints	1967
19730064628	Orbital workshop data management study, volume 2	1967
19730064676	Superior cervical ganglionectomy in the Japanese quail	1967
19730064700	Nutator experimental test program	1967
19730065072	Nimbus 2: High resolution infrared data, world montage catalog, 20 May through 15 November 1966, orbits 63 to 2454	1967
19730065451	A 710 Reactor-Shield Study Support for Manned Spacecraft Applications	1967
19730065685	Uranium zirconium carbide fuel fabrication development	1967
19730066010	Oxygen partial pressure control subsystem: Apollo applications program	1967
19730066111	Mission evaluation, ME 012	1967
19730066492	Geographic loci of Apollo translunar injection burns and free return touchdown positions. Volume 5: January - March 1969	1967
19730066493	Geographic loci of Apollo translunar injection burns and free return touchdown positions. Volume 6: April - June 1969	1967
19730066494	Geographic loci of Apollo translunar injection burns and free return touchdown positions. Volume 7: July - September 1969	1967
19730066495	Apollo support equipment maintenance handbook. Fuel ready storage unit model S14-058, part no. 2421500 and 2425300, including modification kits no. 1, no. 2, no. 3 and no. 4 and NAR engineering orders, and oxidizer ready storage unit model S14-059, part no. 2421600 and 2425200 including modification kits no. 1, no. 2, no. 3 and no. 4 and NAR engineering orders	1967
19730066522	Pre-mate Readiness Review (PMRR) action items from the board review conducted on 17 May 1967 for CSM 017	1967
19730066566	Regenerative carbon dioxide removal system. Apollo applications program environmental control/life support system	1967
19730066662	A tentative proposed standard test procedure for charging inductors	1967
19730066742	Saturn 5 AS-501 launch vehicle operational flight trajectory, volume 2	1967
19730066760	Combined systems mission evaluation phase 1, automatic thrust vector control dynamic verification S/C 101 and subs simulation	1967
19730066872	Test and evaluation of resistors, variable (lead screw actuated) non-wire wound for Mil-R-22097C: Original test data	1967
19730066919	Engineering design test of mobility test article g by 6, block 1 of NASA lunar surface vehicle studies hard surface phase 1	1967
19730066947	Ground vibration test of the MER-100 supersonic multiple ejection rack at BL 132.50	1967
19730066968	An inexpensive technique for color electroluminescent display	1967
19730066976	Material handling Central Equipment Control (CEC)	1967
19730067003	An automated data processing system for the analysis of computer usage by program run	1967
19730067007	Feasibility study high accuracy depth gage	1967
19730067014	Explicit (noniterative) loran solution	1967
19730067015	Backward time analog computer solutions of optimum control problems	1967
19730067174	Qualification test. Electron tube, microwave, special purpose	1967
19730067205	A distributed processing system for general purpose computing	1967
19730067208	Special study of tank gun laser boresighting techniques	1967
19730067498	Optical Technology Experiment System (OTES). Phase 2: Spacecraft studies (LMSC)	1967
19730067508	Early lunar shelter design and comparison study. Volume 5: Resources plan	1967
19730067511	Optical technology, Apollo extension system, phase A. Volume 6, section 6: Resources analysis	1967
19730067514	S-5B station module study	1967
19730067540	Study and preliminary design of an isotope heated catalytic oxidizer system	1967
19730067600	Phoebus-2 monthly progress report	1967
19730067750	Initial production test of generator set, 15 Kw, 50/60 HZ, diesel engine driven	1967
19730067964	First review of alternative mission modes study	1967
19730067965	Goodyear aerospace program reviews and exhibits	1967
19730067968	Current posture of transportation technology. Volume 1: Government sector	1967
19730067969	National population survey and projection	1967
19730067970	Current posture of transportation technology. Volume 2: Industrial sector, part A	1967
19730067983	Advanced nuclear systems study, supplement	1967
19730067984	Mission engineering study of electrically propelled manned planetary vehicles. Volume 5: Reactor analysis topical report	1967
19730067990	The development of thermionic isotope space power technology, volume 2	1967
19730067999	Post operational examinations of thermionic converters	1967
19730068264	Naval air strike force study, phase 2 report. Volume 1: High speed conventional hull aircraft carrier	1967
19730068265	Naval air strike force study, phase 2 report. Volume 2: Captured Air Bubble (CAB) aircraft carrier	1967
19730068362	Formulas for numerical interpolation, differentiation, and integration with a variable grid system	1967
19730068423	Special study of time displacement recorder construction details	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068463	Luminosity data acquisition system	1967
19730068476	Contamination of relay internal ambients	1967
19730068477	Utilization of the stabilization gyros for monitoring the performance of an avionic inertial navigation system	1967
19730068478	On-line system engineering in the 1970's	1967
19730068579	Electrograph method for locating pinholes in thin silicon dioxide films	1967
19730068588	Evidence of mechanical stress as a cause of dielectric defects in silicon dioxide layers	1967
19730068692	Potential aerospace technology applications: Environmental pollution	1967
19730068696	Double-Purkinje-image eye tracker	1967
19730068765	Technical considerations in the design of gust alleviation control systems	1967
19730069135	Low acceleration space transportation system study. Volume 1: Summary report	1967
19730069218	The development of thermionic isotope space power technology, appendix 2	1967
19730069245	Determination of the operational phases of cost effectiveness	1967
19730069246	Value engineering management: An element of program management	1967
19730069265	Inertial navigation errors for a lifting reentry vehicle	1967
19730069275	Thick film systems	1967
19730069294	Contact force (measuring pressure) its effect on microinch measurements	1967
19730069337	Quality audits and controls in the analysis and prevention of corrosion processes	1967
19730069338	Fabrication of large arrays on sapphire substrates	1967
19730069513	Simulated space effects on microelectronic device materials	1967
19730069652	GE 4 Block 2 turbine interstage seal and support structure thermal analysis (U)	1967
19730069928	Lunar module systems handbook vehicle LM-2	1967
19730069939	SA-204 design certification review launch vehicle report, GSE, part 4, volume 5	1967
19730070003	Development and evaluation of magnetic and electrical materials	1967
19730070005	Fabrication and test of a space power boiler feed electromagnetic pump	1967
19730070006	Advanced refractory alloy corrosion loop program	1967
19730070008	Advanced refractory alloy corrosion loop program	1967
19730070045	TRAP reentry data report for WTR test no. 0016 and ETR test no. 6866 (U)	1967
19730070047	TRAP reentry data report for WSMR test no. Athena 060 (U)	1967
19730070049	TRAP reentry data report for WSMR Test no. Athena 062 (U)	1967
19730070050	Radar-echo considerations regarding reentry decoys with low frequency capability (U)	1967
19730070057	HS-110 laser bombing system flight test program (U)	1967
19730070058	ADAR. Volume 3: Prototype system development appendices (U)	1967
19730070059	ADAR. Volume 3: Prototype system development (U)	1967
19730070060	Data transmission and Display Subsystem (DATRADS) (U)	1967
19730070061	Study of the feasibility of delaying transition on hypersonic cones by suction (U)	1967
19730070062	Minuteman flight test report (U)	1967
19730070063	An application of hypersonic viscous interaction theory (U)	1967
19730070064	ADAR. Volume 1: Full scale system (U)	1967
19730070065	ADAR. Volume 2: Advanced component development (U)	1967
19730070082	A silicon-controlled rectifier model for computerized circuit analysis	1967
19730070087	Device failure analysis and corrective action feedback to process control	1967
19730070093	The micromultilayer: A thin film interconnection matrix	1967
19730070178	Evaluation of fixed film hermetically sealed capacitors	1967
19730070429	AGM-69A (SRAM) wind tunnel pressure test. Volume 12: Supersonic and transonic base pressure tests	1967
19730070430	AGM-69A (SRAM) wind tunnel pressure test. Volume 16: Supersonic and transonic base pressure tests. Appendices E and F: Wind tunnel motor development and calibration	1967
19730070431	AGM-69A (SRAM) aerodynamic pressure distribution. Part 1: Fuselage and fin pressures, volume 11	1967
19730070900	Research and advanced development. Volume 2: Supporting research and technology for the Office of Advanced Research and Technology	1967
19730070912	Temperature distribution on the surfaces of spherical lunar craters	1967
19730070924	Thirtieth Annual Meeting of the Meteoritical Society	1967
19730070934	Apollo 4 trip report	1967
19730070935	Apollo cryogenic storage system	1967
19730070969	Extreme vacuum technology including cryopump, ion pump, and pressure standardization studies	1967
19730070992	Fabrication and test of a space power boiler feed electromagnetic pump	1967
19730070996	High temperature alkali metal valve test program	1967
19730070997	Determination of biaxial creep strength of T-111 tantalum alloy	1967
19730070998	Determination of biaxial creep strength of T-111 tantalum alloy	1967
19730070999	Determination of biaxial creep strength of T-111 tantalum alloy	1967
19730071000	Research program for development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1967
19730071002	Monthly progress report, period ending 28 October 1967	1967
19730071003	Monthly progress report, period ending 30 December 1967	1967
19730071006	Monthly Progress Report, period ending 2 December 1967	1967
19730071007	Advanced refractory alloy corrosion loop program	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071012	Determination of biaxial creep strength of T-111 tantalum alloy	1967
19730071013	Determination of biaxial creep strength of T-111 tantalum alloy	1967
19730071015	Research program for development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1967
19730071016	Hydrodynamic journal bearing program	1967
19730071017	High temperature alkali metal valve test program	1967
19730071018	Determination of biaxial creep strength of T-111 tantalum alloy	1967
19730071019	Three-stage potassium test turbine	1967
19730071020	Three-stage potassium test turbine	1967
19730071021	High temperature alkali metal valve test program	1967
19730071022	High temperature alkali metal valve test program	1967
19730071023	Three-stage potassium test turbine	1967
19730071024	Three-stage potassium test turbine	1967
19730071026	Research program for development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surface	1967
19730071027	Research program for development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1967
19730071028	Research program for development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1967
19730071034	Fabrication and test of a space power boiler feed electromagnetic pump	1967
19730071036	Development and evaluation of magnetic and electrical materials	1967
19730071037	Development and evaluation of magnetic and electrical materials	1967
19730071038	Development and evaluation of magnetic and electrical materials	1967
19730071040	Research program for development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1967
19730071041	Research program for development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1967
19730071046	Fabrication and test of a space power boiler feed electromagnetic pump	1967
19730071054	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components	1967
19730071064	Development and evaluation of magnetic and electrical materials	1967
19730071065	Generation of long time creep data on refractory alloys at elevated temperatures	1967
19730071066	Generation of long time creep data on refractory alloys at elevated temperatures	1967
19730071144	The impact of guidance technology on automated navigation	1967
19730071145	A rugged militarily fieldable mass store (MEM-BRAIN) file	1967
19730071146	A general purpose system of digital computer codes for linear/nonlinear network and system analysis	1967
19730071158	Systematic errors in a Standards Laboratory	1967
19730071183	Effects of heat sterilization in microelectronic assemblies	1967
19730071184	Functional redundancy to increase mission reliability of guidance and control systems for advanced military aircraft	1967
19730071185	Chemical vapor deposition of monocrystalline films insulators	1967
19730071369	AGM-69A (SRAM) aerodynamic pressure distribution. Part 1: Fuselage and fin pressures, volume 1	1967
19730071370	AGM-69A (SRAM) aerodynamic pressure distribution. Part 1: Fuselage and fin pressures, volume 3	1967
19730071371	AGM-69A (SRAM) aerodynamic pressure distribution. Part 1: Fuselage and fin pressures, volume 6	1967
19730071372	AGM-69A (SRAM) aerodynamic pressure distribution. Volume 7, part 1: Fuselage and fin pressures	1967
19730071373	AGM-69A (SRAM) aerodynamic pressure distribution. Part 1: Fuselage and fin pressures, volume 8	1967
19730071374	AGM-69A (SRAM) aerodynamic pressure distribution. Volume 9, part 1: Fuselage and fin pressures	1967
19730071375	AGM-69A (SRAM) aerodynamic pressure distribution. Volume 10, part 1: Fuselage and fin pressures	1967
19730071376	AGM-69A (SRAM) wind tunnel pressure test. Volume 13: Supersonic and transonic base pressure tests. Appendix B: Boeing 15-inch exhaust nozzle test data	1967
19730071377	AGM-69A (SRAM) wind tunnel pressure test. Volume 14: Supersonic and transonic base pressure tests. Appendix C: Boeing transonic wind tunnel test data	1967
19730071378	AGM-69A (SRAM) wind tunnel pressure test. Volume 15: Supersonic and transonic base pressure tests. Appendix D: Boeing supersonic wind tunnel test data	1967
19730071398	Reaction of Titan 3 solid rocket motors in the event of liquid propellant fire on the launch pad	1967
19730071470	Assessing the cost of recompeting and changing contractors on five selected NASA non-personal support services procurements	1967
19730071504	Manned planetary flyby missions based on Saturn/Apollo systems. Volume B: Launch and injection (supplementary material for six-month briefing)	1967
19730071505	Manned planetary flyby missions based on Saturn/Apollo systems. Volume A: Midterm summary	1967
19730071506	Delta High Energy Second Stage (HESS)	1967
19730071873	Memory technology for manned deep space missions	1967
19730071882	Evolution of a National Space Logistics System: a Continuing Study	1967
19730071892	Generation of long time creep data on refractory alloys at elevated temperatures	1967
19730071893	Generation of long time creep data on refractory alloys at elevated temperatures	1967
19730071895	Waffle Infrared Countermeasures Warning System: Test and evaluation	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071896	Aerodynamic characteristics of the AGM-69A missile at Mach numbers of 0.6, 0.9, 1.2, and 1.4 (U)	1967
19730071905	Minuteman flight test report (U)	1967
19730071907	TRAP reentry data report for WSMR Test No. Athena 063 (U)	1967
19730071909	Missile phenomenology studies (U)	1967
19730071912	Synthetic spectrum satellite observation program (U)	1967
19730071935	A multivariate learning technique for improved dynamic system performance	1967
19730072051	Development of aerial dispersal system for rapid-landing-site stabilization	1967
19730072090	Trade study, FB-111/AGM-69A carrier power integration	1967
19730072343	AGM-69A/B-52 supplemental wind tunnel separation test report (U)	1967
19730072661	AGM-69A (SRAM) aerodynamic pressure distribution. Part 1: Fuselage and fin pressures, volume 2	1967
19730072662	AGM-69A (SRAM) aerodynamic pressure distribution. Part 1: fuselage and fin pressures, Volume 5	1967
19730072924	Alternative mission modes study	1967
19730072946	An examination of the results of the Gemini spacecraft incentive contract	1967
19730073206	AGM-69A (SRAM) aerodynamic pressure distribution. Part 1: Fuselage and fin pressures, volume 4	1967
19730073219	Minuteman stage 3 materials and components surveillance studies, weapon system 133A LGM-30, volume 1	1967
19730073220	Minuteman stage 3 materials and components surveillance studies. weapon system 133A LGM-30, volume 2	1967
19730073289	Designing sterilizable electronics	1967
19730073484	The history of tactical reconnaissance through 1941	1967
19730073858	Methods of analyzing the impact of program stretchouts	1967
19730073909	Tactical air reconnaissance operations in Europe and North Africa, December 1941 - January 1946	1967
19730074333	Flight test data obtained during the development of the STRYPI II and STRYPI IV rocket systems for the test readiness program	1967
19730074646	Airfield pavement evaluation, Iwo Jima Air Force Base Volcano Islands	1967
19730074647	Pavement condition survey report, Pease Air Force Base, Portsmouth, New Hampshire	1967
19730074685	Airfield pavement evaluation Iwo Jima Air Force Base Volcano Islands and appendix A. Studies made for evaluation	1967
19730075301	Visual detection model for aerial reconnaissance	1967
19730075330	Chemical vapor deposition of epitaxial garnet films	1967
19730075561	Tactical air reconnaissance: An historical analysis (U)	1967
19730076086	Development of ballistics test facility and evaluation of vulnerability of aircraft materials	1967
19730076124	Package fabrication and evaluation	1967
19730076185	High power transmitter study	1967
19730076511	Planetary vehicle thermal insulation systems	1967
19730076682	Experimental investigation of a high pressure, high voltage electrogasdynamic generator	1967
19730077050	Effects of vertical vibration on the well being of surface effect (SES) ship personnel literature survey	1967
19730077140	Detailed analysis report radiation and transient susceptibility/ testing/shielding	1967
19730077167	A study of the damping of acoustic oscillations in solid propellant rocket motors	1967
19730077193	Chemical vapor deposition of epitaxial YIG on YAG	1967
19730077204	Optical disk recorder/reader for wideband data	1967
19730077486	Special study of evaluation of heat loss from heat flat plates and cylinders in low-speed air breezes	1967
19730077772	The evaluation of digital diagnostic programs through digital simulation	1967
19730078308	A subsonic military aircraft cost model, volume 1	1967
19730078309	A subsonic military aircraft cost model, volume 2	1967
19740072216	Space Isotope Power Program	1967
19740072461	First application of the successive transformation method	1967
19740072462	Second application of the successive transformations method to predict the safest lunar landing site for an astronaut	1967
19740072551	An empirical equation for the characteristics velocity of optimum TLI maneuvers	1967
19740072552	LM position and velocity uncertainties at CSI as a function of lunar landing sites and MSFN tracking geometry	1967
19740072553	Minimum velocity impulse vector, two-impulse coplanar transfer onto a hyperbolic escape trajectory from a Martian parking orbit	1967
19740072554	Use of planetary oblateness for parking orbit operations for interplanetary missions	1967
19740072555	Preliminary display limits and crew monitoring considerations for TLI, LOI, and TEI	1967
19740072558	Logic changes to the two-impulse processor for Project Apollo	1967
19740072562	Launch and coast times in earth parking orbit for free-return lunar mission from 31 January - 9 July 1968	1967
19740072563	Ship radar coverage for the two and one-half stages to orbit technique	1967
19740072564	Free-return trajectories to Venus between 1976 and 1980	1967
19740072565	Preliminary evaluation of the polynomial and integrated modes of the generalized iterator for LOI targeting in the RTCC	1967
19740072572	Performance of the lunar module ascent propulsion system in blowdown mode	1967
19740072575	Launch abort trajectory data for determining the abort load limit for the AS-205/101 mission	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740072628	Aerodynamic characteristics at Mach numbers from 2.50 to 4.63 of a fighter configuration with various ventral-fin arrangements	1967
19740072685	Analysis of onboard range-rate sensor measurements for interplanetary navigation	1967
19740072690	Effect of launch vehicle destruct action on service module, lunar module, and spacecraft LM adapter for mission AS-504	1967
19740072693	Parametric study for determining the launch azimuth and two injection opportunities for the AS-503A operational trajectory	1967
19740072696	AS-503A/504 requirements for the RTCC: Preflight information	1967
19740072698	Power generation and cryogenic gas storage systems study for post AAP 1-4 manned missions	1967
19740072716	Three-way Doppler tracking results for use in the preliminary dispersion analysis of the lunar landing mission	1967
19740072717	Mission design for flight safety	1967
19740072718	Lunar module consumables analysis for mission AS-505/CSM-104/LM-4	1967
19740072728	Velocity requirements for Venus orbital missions during 1970 to 1975 using free-return outbound trajectories	1967
19740072730	The MSC CSM electrical power subsystem program	1967
19740072733	One-way and flyby interplanetary trajectory approximations using matched conic techniques	1967
19740072734	Parametric study of the effects of altitude and inclination on the regression of the orbital plane for earth orbit launch windows	1967
19740072741	Atmospheric entry ground support displays for the Mission Control Center, AS-501	1967
19740072742	The lunar landing mission SMRCS propellant budget as defined for the configuration control board	1967
19740072743	Verification of the RTCC LM optics computations for first manned LM mission	1967
19740072771	The effect of injection guidance system errors on midcourse Delta 5 for manned Mars and Venus flyby missions	1967
19740072775	Preliminary mission profile for Apollo Applications Mission AAP-1/AAP-2, Revision 1	1967
19740072845	Experimental and theoretical aerodynamic characteristics of representative hypersonic cruise configurations. Part 1: Lift and drag. Part 2: Stability and trim	1967
19740072846	Data obtained from a flight test of a low density phenolic nylon Charring ablator at 8.15 km/sec	1967
19740072847	Longitudinal aerodynamic characteristics of the Apollo command module at a Mach number of 20 and data comparisons over a wide Mach number-Reynolds number range	1967
19740072904	Fixed and variable time of arrival guidance matrices for interplanetary flight	1967
19740072909	Minimum lift-to-drag ratio requirement for the lunar mission	1967
19740072911	The effects of a CM EPS battery failure during load sharing and of a fuel cell failure at launch for AS-501	1967
19740072912	AS-503A/AS-504A requirements for the RTCC: Reentry phase	1967
19740072919	Selection and verification of USBS Doppler data sources during LM ascent and descent	1967
19740072920	Mission AS-501 separation and recontact analysis	1967
19740072921	Navigation error analyses of the first rendezvous sequence of AS-205/101	1967
19740072923	Dual-planet free-return trajectories to Venus and Mars in 1976 and 1978	1967
19740072926	Verification of the RTCC optics computations for AS-205/CSM 101	1967
19740072962	Comparison of navigation systems in earth orbit	1967
19740072967	Spacecraft preliminary abort and alternate mission studies for AS-504A. Volume 3: LM abort and CSM rescue during the lunar orbit phase	1967
19740073085	Stability characteristics at Mach numbers from 1.60 to 4.63 of several wing-body-tail models having wings with arrow, delta, and diamond planforms	1967
19740073087	Investigation of heat transfer to leading edge of a 76 deg swept fin with and without chordwise slots and correlations of swept-leading-edge transition data for Mach 2 to 8	1967
19740073089	Stability characteristics of a variable-sweep lightweight fighter configuration with a keel-type fuselage at Mach numbers from 1.50 to 2.86	1967
19740073092	Aerodynamic characteristics at Mach numbers from 2.50 to 4.63 of a fighter configuration with various vertical- and horizontal-tail arrangements	1967
19740073256	Lambert's targeting for cross-product steering in the AS-503A LOI simulation maneuver	1967
19740073269	Preliminary MSFN error analysis for AS-504A	1967
19740073276	Operational support plan for the real-time auxiliary computing facility	1967
19740073279	S/C-6 orbit attitude maneuvering system random vibration test	1967
19740073284	Apollo onboard navigation system constraints	1967
19740073418	Aerodynamic Characteristics of a Winged Cruciform Missile Configuration with AFT Tail Controls at Mach Numbers from 1.60 to 4.63	1967
19740073419	Longitudinal aerodynamic characteristics at Mach numbers from 0.50 to 4.63 of an airplane with a translating horizontal tail	1967
19740073420	Aerodynamic characteristics of various configurations of a wing-body model with a 74 deg swept warped wing	1967
19740073421	Fuel injection and mixing in scramjet combustors	1967
19740073423	Flight investigation of dynamic stability and control characteristics of a 1/10-scale model of a variable-wing-sweep fighter airplane configuration	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740073424	Measured and calculated structural temperature data from two X-15 airplane flights with extreme aerodynamic heating conditions	1967
19740073427	Aerodynamic characteristics at Mach numbers of 3.95 and 4.63 for a missile model having all-movable wings and interdigitated tails	1967
19740073428	NASA Supersonic Commercial Air Transport (SCAT) configurations: A summary and index of experimental characteristics	1967
19740073563	A research study to definitize a Bio-Isolator Suit System (BISS)	1967
19740073764	Scientific instruments for lunar exploration. Part B: Surveyors, roving vehicles, and rough-landed probes	1967
19740074029	Comparison of fixed and variable time of arrival guidance schemes for a Martian probe launched from a manned flyby spacecraft	1967
19740074261	Effect of a forward-located reaction control on the aerodynamic characteristics of a fin-stabilized missile at Mach 1.50 to 2.16	1967
19740074461	A preliminary safety analysis of krypton-85 thermoelectric generators	1967
19740074541	Preliminary mission profile for Apollo applications mission AAP-1/AAP-2	1967
19740074549	AS-503A Spacecraft reference trajectory, Volume 1	1967
19740074550	Logic and equations for the real-time computation of the lunar module launch window and recommended lift-off time	1967
19740074558	Langley lunar orbiter orbit determination results	1967
19740074583	Verification test report for the type AVI-122B Apollo Static inverter ME 495-0001-00-06, P/N 976J456-V/T	1967
19740074676	Turbulent Mercury Jet	1967
19740074731	Irradiation of UO ₂ fuel clad with tungsten-25 W/O rhenium	1967
19740074858	Proceedings of the Meeting on Applied Thermionic Technology	1967
19740075002	Lightweight pressurization system for the Apollo service propulsion system	1967
19740075012	Nutator experimental program test plan	1967
19740075026	Visible and ultraviolet reflectance and luminescence from various Saudi Arabian and Indiana limestone rocks	1967
19740075033	A range-difference method for computing the Doppler observable	1967
19740075034	Primary abort modes for a permanent premature SPS shutdown during AS-504A LOI	1967
19740075036	Preliminary orbit determination utilizing the position fix technique	1967
19740075037	Proposed LM powered-descent trajectory for the Apollo lunar landing mission	1967
19740075164	An analysis for sterilization modeling	1967
19740075399	Study of gas cooled fast reactor technology	1967
19740075417	Certain Uncorrelated Nonparametric Test Statistics	1967
19740075487	AAP-2 planning package for KSC operations	1967
19740075789	Philadelphia region input-output study. Part 3: Final demand	1967
19740075874	Summary of the Voyager program	1967
19740075996	Design criteria and quality control studies for teflon expulsion bladders	1967
19740076129	Gravity effects on combustion	1967
19740076131	Freon 1301 as a fire fighting medium in an oxygen-rich atmosphere	1967
19740076404	Electrical power systems study for an augmented lunar module	1967
19740076689	OGO-4 auroral particles experiment and calibration	1967
19740077287	A brief survey of possible mechanisms in information processing	1967
19740077526	A rapidly recording microspectrophotometer	1967
19740077560	AS-504/CSM-103/LM-3 mission profile	1967
19740077772	Response of higher plants to ultraviolet light and offer stress factors	1967
19740077788	Radiometer comparison tests	1967
19740077797	Regeneration and retention of acquired information	1967
19740077800	Somatic sensory projections in thalamus of sheep	1967
19740077838	Altitude testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J-4-1554-12 through J4-1554-19)	1967
19740077913	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-02)	1967
19740077917	Altitude testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1554-27 through J4-1801-01)	1967
19740077921	Altitude testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1554-01 through J4-1554-11)	1967
19740077924	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-01)	1967
19740077925	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-05)	1967
19740077927	Altitude development testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-03)	1967
19740077932	Altitude testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1554-20 through J4-1554-26)	1967
19740078523	Data acquisition, processing, and interpretation via coupled high-speed real-time digital computer and high resolution mass spectrometer systems	1967
19740078553	Third annual report	1967
19740078562	LINC computer user-interacting programs and macro instructions	1967
19740078566	Cytochemical studies of planetary microorganisms: Explorations in exobiology	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740078906	Trajectory parameters for AS-504type missions. Volume 1: Earth parking orbit phase	1967
19740078997	Guidance and Control Division research and advanced development 10-year plan	1967
19740079026	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments	1967
19740079084	The general and comparative biology of terrestrial organisms under experimental stress conditions	1967
19740079187	Fundamental study in low-density gas dynamics	1967
19740079437	Designers guide for positive expulsion tank bellows	1967
19740079447	APT, on-board gridding system, phase 3	1967
19740079915	Preliminary mission study of a single-launch manned Venus flyby with extended Apollo hardware	1967
19740079931	Mission AS-501 CM/SM separation and recontact analysis: Entry phase	1967
19740080407	Preliminary SPS and SMRCS deorbit requirements for Apollo block 2 extended duration missions	1967
19740080410	Free-return trajectories to Venus between 1970 and 1975	1967
19740080588	Sterilization effects on microelectronics	1967
19740080591	New horizons in microelectronic circuits and systems	1967
19740080594	Large scale integration on a small scale operation	1967
19740080838	Apollo Applications Program (AAP) payload integration	1967
19740080876	Engineer design test of the Lance tactical prototype missile system	1967
19740081053	Frequency analysis program report (U)	1967
19740081190	Performance of transponder antenna lobing switch against certain ATC automatic beacon target processors	1967
19740081200	Beam divergence measurements on a ruby axial gradient laser	1967
19740081264	Trajectory analysis - Near-earth and Jupiter-approach phases of the 1972 galactic Jupiter probe mission	1967
19740081274	The effects of neutron radiation on structural materials	1967
19740081380	Winds below 20 KM at Kwajalein and at Eurasian stations (U)	1967
19740081598	RTCC general purpose maneuver processor unit test	1967
19740081599	Description of present AS-505/CSM-104/LM-4 mission	1967
19740081711	Computer program for balancing of flexible rotors	1967
19740082348	Attitude control system for the magnetic stabilization of the test and training satellites	1967
19740082358	Preliminary environmental/thermal control and life support system definition for Apollo applications program flights 1 to 4	1967
19740082360	Apollo 4 mission operation report	1967
19740082419	Cytochemical studies of planetary microorganisms - explorations in exobiology	1967
19740082721	Mooring dynamics analysis and experiment	1967
19740082921	Target acquisition for ship-to-ship missile, study of (U)	1967
19740083312	Mission oriented study of advanced nuclear system parameters, phase 5. Volume 1: Summary technical report	1967
19740083974	Optimal guidance and control in a missile defense system	1967
19740084155	Study of technology requirements for near Mars/Venus operations. Slide brochure for phase 1 oral presentation	1967
19740084177	Analytical study of the flammability of spacecraft materials	1967
19740084652	Mission oriented study of advanced nuclear system parameters, phase 5. Volume 2: Detailed technical report on nuclear engine analysis	1967
19740084859	Parametric study of service module footprint and entry dispersion data	1967
19740084863	Entry debris hazard evaluation for mission AS-502	1967
19740084864	Use of impulsive targeting during AS-503A for a spacecraft-controlled, simulated translunar injection burn	1967
19740085009	Underwater experiments on the polarization, coherence, and scattering properties of a pulsed blue-green laser	1967
19740085065	Space applications summer study 1967 interim report. Volume 1: Central Review committee conclusions and recommendations and summaries of panel reports	1967
19740085149	Testing compatibility of materials for liquid oxygen systems	1967
19740086167	Naval aviator survey flight trainees, 1967 report of findings	1967
19740086655	Evaluation of flame arrestor materials for aircraft fuel systems	1967
19740086703	Progress report	1967
19740086803	Thrust vector control by electrical or pneumatic servoactuators	1967
19740087112	Research and advanced development publications, fiscal year 1967	1967
19740087387	Symposium on transient loads and response of space vehicles	1967
19740087388	Transient response problems of space vehicles	1967
19740087389	Transient load problems in unmanned spacecraft	1967
19740087390	Some transient response and loads problems encountered during design and development of Saturn launch vehicles	1967
19740087392	Analysis of transient structural response by the method of characteristics	1967
19740087393	A new method of numerical integration for some transient response problems	1967
19740087394	NASA space vehicle design criteria program and application to subject area: Transient loads and response	1967
19740087395	A direct approach to the simulations of flight vehicle shock environments	1967
19740087396	Techniques for simulating shock and transient loads on unmanned spacecraft	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087397	Use of analog computer for the equalization of electromagnetic shakers in transient testing	1967
19740087398	Passive and active shock isolation	1967
19740087399	Transducers for the measurement of transient motion	1967
19740087400	Problems in the measurement of transients	1967
19740087546	Aspect simulation design report (phase 3) for ASW aircraft	1967
19740088218	Cancellation pulses to suppress lightly damped systems	1967
19750063886	Input parameters which achieve a desired differential altitude at CDH for a LM-active, coelliptic-sequence rendezvous	1967
19750063894	Line of apsides rotations and nodal regressions due to oblate earth effects	1967
19750064230	Criteria for selection of block 1 guidance targets	1967
19750064231	AS-503A spacecraft reference trajectory, volume 2	1967
19750064243	Spacecraft preliminary abort and alternate mission studies for AS-504A. Volume 1: Alternate mission studies	1967
19750064266	Accessible lunar landing areas in 1968	1967
19750064267	Interplanetary guidance error analysis equations	1967
19750064268	Static longitudinal stability characteristics of the Little Joe 2 launch with lunar module shroud configurations	1967
19750064271	Preliminary navigation and guidance analysis of a Martian probe launched from a manned flyby spacecraft	1967
19750064293	Development of high temperature cobalt-base alloys for application as jet engine stator vanes	1967
19750064424	Aerodynamic characteristics at Mach numbers from 1.50 to 4.63 of a maneuverable missile with in-line cruciform wings and canard surfaces	1967
19750064470	A versatile encoder with integrated circuitry	1967
19750064588	True hour angle of the first point of Aries for 1962 - 1970	1967
19750064601	Evaluation of the use of personnel parachutes on Apollo	1967
19750064609	Special tests summary	1967
19750065459	Inducer performance with hydrogen liquid-vapor mixtures	1967
19750065544	A technical analysis of ballistic missile proliferation: Introduction, summary and conclusions	1967
19750065625	Reliability of Apollo inertial instruments	1967
19750065829	Preliminary reference mission profile for Apollo applications mission AAP-5	1967
19750065853	Launch window analysis for AAP earth orbit rendezvous mission	1967
19750065856	Trajectory data for high-speed reentries	1967
19750065858	MSFN error analysis for AS-207/208A spacecraft reference trajectory	1967
19750065893	The 710 high-temperature gas reactor program summary report. Volume 3: Fuel element development	1967
19750066230	The hybrid realization of a digital controller for the PIGA control loop	1967
19750066602	High temperature compatibility of UO ₂ with W-25 Wt percent Re	1967
19750066662	The specific heats of five hydrocarbons	1967
19750066746	Transpiration cooling correlations for air and non-air free streams	1967
19750066877	Study of structural behavior of thin films first year summary report	1967
19750066879	Experimental investigation of the dynamic characteristics of the Little Joe 2 aerodynamic fin	1967
19750066880	Payload performance of the AS-504 vehicle during lunar taxi missions	1967
19750066898	Centrifuge studies of octacosane and tetradecane	1967
19750067651	Olivine composition in chondrites, a supplement	1967
19750067652	The Winona meteorite	1967
19750067727	Operational procedures for telemetry data processing and power supply monitoring for the TIROS 6 meteorological satellite	1967
19750067748	Extraterrestrial mineralogy	1967
19750067749	The Woodbine meteorite, with notes on silicates in iron meteorites	1967
19750068364	Meteorite photography and recovery network	1967
19750068367	The composition of the Belly River, Bluff, Bremervoerde, and Modoc meteorites	1967
19750068718	Newtonian analogues of the trigonometric and exponential functions	1967
19750068811	Transfer function analysis program	1967
19750068812	Nuclear analysis in support of E/STS 2-3 preliminary design	1967
19750068814	Program plan for contract year 1967 (midyear adjustment to as-negotiated program plan). NERVA engine development program and associated tasks as of 30 June 1967	1967
19750068825	ETS-1 data system preliminary accuracy test, data analysis	1967
19750068826	ETS-1 data acquisition system final accuracy test specification	1967
19750068941	Preliminary NERVA nozzle development plan	1967
19750068971	Preliminary NERVA thrust vector system development plan	1967
19750068972	Summary of radiation effects information gained from NRX-A5	1967
19750068973	Summary of radiation effects information obtained from NRX/EST	1967
19750068974	Influence of space environment on NERVA engine design	1967
19750068975	NRX-A5 post test instrumentation report	1967
19750068995	Justification report for NERVA shield experiment (NSX) radiation and shielding program at Westinghouse Astronuclear Experiment Facility (WANEF)	1967
19750069128	Preliminary NERVA skirt development plan	1967
19750069213	Program of research on the management of research and development	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750069215	Space programs summary 37-45. Volume 1: The lunar program for the period 1 March - 30 April 1967	1967
19750069289	SPAMS management procedures during the insertion/injection and reentry phases of the Apollo instrumentation ship's mission-U	1967
19750069290	SPAMS management procedures relevant to all phases of the Apollo instrumentation ship's mission	1967
19750069397	Energy transfer in mixed lanthanide complexes	1967
19750069429	SPAMS management procedures during the transponder survey and mapping phases of the Apollo instrumentation ship's mission	1967
19750069453	Investigation of the ignition and combustion of metal wires	1967
19750069925	Facility checkout report for FEP-3 NRX-A6 test series	1967
19750070180	NERVA incentive fee approach	1967
19750070523	ETS-1 exhaust duct cooling water study	1967
19750070577	Status of Phoebus convectively cooled nozzle control system design	1967
19750070913	Hypersonic research engine project. Phase 2: Inlet program	1967
19750070917	Hypersonic research engine project. Phase 2A. Phase 1 boilerplate engine tests	1967
19750070919	Hypersonic research engine project. Phase 2A: Structures and cooling development	1967
19750070935	Apollo guidance and navigation notes, volume 15	1967
19750070936	Apollo guidance and navigation notes, volume 16	1967
19750070937	Apollo guidance and navigation notes, volume 17	1967
19750070938	Apollo guidance and navigation notes, volume 18	1967
19750070981	Evaluation of E/STS 2 and 3 scale model diffuser-ejector (dry-elbow system)	1967
19750070983	NERVA engine development program plan. Graphic/numeric cost displays, Supplement to volume 5: Graphic/numeric cost displays	1967
19750071004	NERVA program: Safety considerations relative to construction of E/STS 2-3	1967
19750071421	Review of research of interest to the NASA OART Research Division	1967
19750071548	Support operational requirements document for NES design demonstration test, phase 2	1967
19750071553	Stress analysis of the Phoebus-2 nozzle test assembly, volume 2	1967
19750071564	Design report of Phoebus-2 multi-orifice injector	1967
19750071565	Stress analysis of the Phoebus-2 nozzle test assembly, volume 1	1967
19750071952	Hypersonic research engine project. Phase 2A: Combustor program, item no. 55-2.02	1967
19750071968	Interim nuclear analyses in support of E/STS 2-3 test stand preliminary design	1967
19750071971	ETS-1 side shield investigations	1967
19750071978	Supplement to Voyager RTG spacecraft design definition, Voyager Task C	1967
19750071980	Comparison study of RTG and solar powered Voyager spacecraft	1967
19750071997	Synthesis of calculational methods for the design and analysis of radiation shields for nuclear rocket systems	1967
19750072473	Operations of PDM encoder for ELDO STV check out	1967
19750072475	Analysis and working basis for the simulation of the Down Range Guidance Station (DRGS)	1967
19750072491	Design and development study on Rolls-Royce thrust chamber for SEPR 70kN oxygen/hydrogen engine in upper stages of ELDO B1 and B2 vehicles	1967
19750072516	Study of an 8W solar generator for the F7 ELDO satellite	1967
19750073056	Command module mockup fire tests	1967
19750073252	Development and evaluation of UO ₂ -W cermet fuel for nuclear thermionic emitters	1967
19750073292	AAP-1A preliminary launch abort analysis	1967
19750073301	Gemini rendezvous summary	1967
19750073845	Weight relationships for manned spacecraft	1967
19750073944	Effect of launch vehicle destruct action on service module, lunar module and spacecraft LM adapter for mission AS-503	1967
19750074089	Investigation of magnetic gradient materials (U)	1967
19750074284	Catalogue of unclassified reports issued by Aerodynamics Department in 1966	1967
19750074285	Notes on a research programme to investigate high altitude atmospheric disturbances due to mountain waves	1967
19750074884	Proceedings of the second Meersburg Conference on Rain Erosion and Allied Phenomena, Volume 1	1967
19750074885	The structure of clouds and rain from the Arctic to the tropical zones	1967
19750074886	Distributions and composition of clouds at supersonic aircraft altitudes, part 1	1967
19750074887	Radar observations of cirrus clouds, part 2	1967
19750074888	Airworthiness requirements for supersonic transport aircraft in a hydrometeor environment	1967
19750074889	Laboratory scale devices for rain erosion simulation	1967
19750074890	First results of rain erosion tests in the S3 intermittent wind-tunnel of the ONERA Modane Test Center	1967
19750074891	The United States Air Force-Navy supersonic rain erosion program for 1966	1967
19750074892	Rain erosion of ceramics at high Mach numbers	1967
19750074893	Multiple impact rain erosion studies at velocities up to 450 M (s equals 1.3)	1967
19750074894	Study and design of supersonic rotating arm test apparatus	1967
19750074895	The aerodynamic spike for drag reduction and rain drop disintegration at low supersonic velocities	1967
19750074896	Drop breakup by airstream	1967
19750074897	Effect of test parameters on rain erosion	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074898	Design rules for neoprene coatings	1967
19750074899	Polyurethane coatings for rain erosion protection	1967
19750074900	Behavior of iron and hardened steel towards drop impact	1967
19750074901	Rain erosion of plated coatings	1967
19750074902	Electroplated nickel rain erosion resistant coating	1967
19750074903	Proceedings of the second Meersburg Conference on Rain Erosion and Allied Phenomena, Volume 2	1967
19750074904	Erosion by solid bodies	1967
19750074905	The erosion resistance of steam turbine blade and shield materials	1967
19750074906	Some remarks on single impact studies at the Royal Aircraft Establishment	1967
19750074907	Erosion by liquid shock	1967
19750074908	The improving of surface topography on erosion damage	1967
19750074909	Theory of erosion	1967
19750074910	Resistance of materials towards various types of mechanical stress	1967
19750074911	A survey of clues to the relationship between erosion rate and impact parameters	1967
19750074912	Factors affecting erosion in a 12% chromium steel	1967
19750074913	Repeated liquid impact as a fatigue process	1967
19750074914	Comparative investigations on erosion caused by drop impact and cavitation	1967
19750074918	Notes on a visit to Germany, October 1967	1967
19750074937	Effect of launch vehicle destruct action on the AS-205/208 spacecraft components	1967
19750075026	Apollo 5 mission (AS-204/LM-1) spacecraft operational trajectory. Volume 2: Trajectory listing	1967
19750075307	Evaluation of the usefulness of the MOL to accomplish early NASA mission objectives. Volume 2: Technical report, book 1	1967
19750075308	Evaluation of the usefulness of the MOL to accomplish early NASA mission objectives. Volume 1: Summary	1967
19750075309	Application of PIGA's and SAP's to strapdown inertial navigation at the Marshall Space Flight Center	1967
19750075726	Use of lidar in support of Point Mugu range operations	1967
19750075863	Tolerance buildup in combining unscreened parts	1967
19750076926	Cartographic investigations, August, 1967	1967
19750077208	Airborne omega study program	1967
19750078105	Geologic application program, May 1967	1967
19750078106	Geologic applications program	1967
19750078107	Cartographic investigations and panoramic camera investigations	1967
19750078592	Exceptions to the quality control standards for production of Mark 4 fuel	1967
19750078593	TSF-SNAP reactor safety analysis report	1967
19750078607	Scramjet combustor scientific technology	1967
19750078608	Advanced Engine Design Study, Bell (AEB)	1967
19750078609	Experimental formulation of liquid B compounds	1967
19750078611	Fuel gelling for ballistic protection of aircraft fuel tanks	1967
19750078612	A-X midterm report	1967
19750078613	A broad-spectrum polarographic method for the estimation of metallic components of propellants and related items	1967
19750078614	Feasibility evaluation of toroidal combustion chamber	1967
19750078638	Quarterly report on test site no. 11, Yellowstone National Park	1967
19750078982	Flight test feasibility evaluation Lockheed Electronics Company multifunction helicopter radar system as applicable to the U. S. Coast Guard search and rescue mission	1967
19750079630	Geologic applications program	1967
19750079917	Second breakdown and radiation effects in semiconductor junction devices	1967
19750080139	Preliminary TOS-75-requirements. Annex B: Programming language and compiler implementation requirements	1967
19760065232	Hypersonic research engine project. Phase 2A: Structures and cooling development, item no. 55-7.01	1967
19760065235	Hypersonic research engine project. Phase 2A: X-15A-2 integration program	1967
19760065237	Hypersonic research engine project. Phase 2A: X-15A-2 integration program	1967
19760065238	Hypersonic research engine project. Phase 2A: Ground support equipment development	1967
19760065240	Hypersonic research engine project. Phase 2A: Combustor program	1967
19760065241	Hypersonic research engine project. Phase 2A: Combustor program, data item no. 55-2.01	1967
19760065282	NERVA support equipment: Operating and maintenance instructions for turbine exhaust nozzle closure-4108	1967
19760065286	NERVA engine development program plan. Appendix A to Volume 2: Turbopump optimization and final design	1967
19760065317	Westinghouse Astronuclear Experimental Facility operating limits	1967
19760065328	NRX-A5 final report	1967
19760065755	Digital utilization program FB 147, general aerodynamic heating	1967
19760065834	Lunar landing site selection briefing: Compilation of presentation material	1967
19760065932	Gemini GT-6A post flight analysis report, supplement no. 5	1967
19760065956	RTG spacecraft mission abort study, Voyager task C	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760065971	Budgetary study for Engine/Stage Test Stand (E/STS) 2-3, Nuclear Rocket Development Station, Jackass Flats, Nevada. Evaluation of wet versus dry systems and supporting studies for NERVA exhaust and altitude simulation system	1967
19760065981	Facility checkout report for FEP-1 NRX-A6 test series	1967
19760066196	Preliminary study of hybrid computer techniques for NERVA-engine dynamic problems	1967
19760066212	Product assurance program plan	1967
19760066925	Surveyor Lunar Touchdown Computer Program: Rigid-Surface Version Usage Document	1967
19760067029	Matrix operation programs (system). General technical document	1967
19760067214	Variability of sonic boom pressure signatures associated with atmospheric conditions	1967
19760067219	The validity of the straightahead approximation in space vehicle shielding studies, part 2	1967
19760067363	Combustion processes in a bipropellant liquid rocket engine: A critical review	1967
19760067899	Transient-engine-simulation program, FORTRANIV	1967
19760067900	Evaluation of data from ETS-1 facility and NES-duct checkout tests	1967
19760067901	Preliminary design criteria for NERVA assembly	1967
19760067902	NERVA radiation effects status	1967
19760067903	Influence of space environment on NERVA engine design, second report	1967
19760067904	Predicted measurement uncertainties, NRX-A6	1967
19760067969	Post-operational heating analysis of NR-1, 2	1967
19760068239	Review of failures of S-IC LOX and fuel level sensors	1967
19760068275	Hypersonic research engine project. Phase 2A: Inlet program, item no. 55-1.02	1967
19760068276	Hypersonic research engine project. Phase 2A: Inlet program	1967
19760068425	Hypersonic research engine project. Phase 2: Aerodynamic and engine performance analysis	1967
19760068532	Infrared Investigations	1967
19760068563	WANEF critical experiments in support of NERVA	1967
19760068564	Presentation to SNPO-C-nuclear and radiation development program	1967
19760068565	Investigation on losses of fission products by diffusion and by hydrogen-induced corrosion from NERVA fuels	1967
19760068587	XE/ETS-1 interaction studies status report	1967
19760068614	Steam generator equipment for E/STS 2-3	1967
19760068619	NRX-A5 reactor test analysis report	1967
19760068639	Nuclear safety manual, appendix	1967
19760069285	XE-engine systems analysis design data book	1967
19760069286	AEC-NASA space nuclear propulsion office preliminary advanced engine studies (NERVA-2)	1967
19760069325	NERVA nuclear subsystem	1967
19760069327	Friction and wear test of NRX-A6 core periphery components	1967
19760069343	NRX-A5 post-operative mechanical component evaluation	1967
19760069344	WANEF critical experiments in support of NERVA	1967
19760069345	Notes of monthly development test program Review Meeting held with SNPO	1967
19760069352	Test prediction report for ETC helium (PCV-449) purge system checkout	1967
19760069371	Nuclear heating measurement in the Plum Brook Reactor (RE-4)	1967
19760069396	NPSR-evaluation	1967
19760069684	Apollo heat shield: Block 2 final thermodynamics report. Volume 1: Summary	1967
19760069710	Overrides and malfunction protection for XE-1 engine	1967
19760069725	Mechanical shock test, turbine power control valve actuator	1967
19760069739	Minutes of Instrumentation Review Meeting at Sacramento on March 7-8 1967	1967
19760069742	Post-operational examination of NRX-A5 fuel elements	1967
19760069771	Nuclear rocket operations, nuclear products and services group. Volume 2: Technical discussion	1967
19760069785	Phase I-A of the countermeasures radiation effects program	1967
19760069821	Effects of radiation on bearing cage materials and retainers in a liquid-hydrogen environment	1967
19760071301	Selling to NASA	1967
19760071365	Qualification specifications for control drum pneumatic actuators for XE-1 application	1967
19760071375	NRX-A6 safety evaluation report	1967
19760071376	WRX-A6 operating limits document	1967
19760072114	Guidance system operations plan for manned CM earth orbital and lunar missions using Program COLOSSUS. Section 7: G and N error analyses	1967
19760072184	Hypersonic research engine project. Phase 2A: Overall summary test plan	1967
19760072185	Hypersonic research engine project. Phase 2A: Instrumentation program	1967
19760072191	Hypersonic research engine project. Phase 2A: Nozzle program	1967
19760072192	Hypersonic research engine project. Phase 2A: Instrumentation program	1967
19760072196	Hypersonic research engine project. Phase 2A: Structures and cooling development	1967
19760072211	The Impact of the Manned Spacecraft Center on the Houston-Gulf Coast Area	1967
19760072277	Quarterly progress report no. 40 for first quarter, CY 1966, covering the period of October, November, and December 1966.	1967
19760072335	NRX-A6 test prediction report	1967
19760072347	Power system selection	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760072656	Technological transfer, myth and reality	1967
19760072730	NRX-A6 safety evaluation report	1967
19760073130	Study of the Influence of Size of a Manned Lifting Body Entry Vehicle on Research Potential and Cost	1967
19760073179	NRX-A6 fuel assessment program. Report of supplementary phase-1 electrical tests, characterization of NRX/EST and NRX-A5 elements. Phase 1-2A, phase 1-2B, phase 1-2D, phase 1-4A	1967
19760073981	Delay-lock techniques for the AROD system, volume 1	1967
19760074836	Method of analysis of radio frequency interference between RF systems	1967
19760074861	Behavior of the guidance-actuators at Coralie separation	1967
19760074887	Study of electrical propulsion for the transfer of payloads from low to synchronous orbits	1967
19760074901	Liquid propellant boosters for ELDO launch vehicle	1967
19760074940	The determination of water in unsymmetrical dimethyl hydrazine (UDMH) by gas chromatography	1967
19760075131	LAS. Integration studies: Estimation of the cooling air requirement for the fairing compartment	1967
19760075143	ELDO B2.1 study, volume 1	1967
19760075144	ELDO B2.1 study. Volume 2: Illustrations	1967
19760075145	ELDO B2.1 study. Volume 1: The study	1967
19760075146	ELDO B2.3 study. Volume 2: Illustrations	1967
19760075147	ELDO B.5 study, volume 1	1967
19760075148	ELDO B.5 study. Volume 2: Illustrations	1967
19760075173	A survey of gyroscopes and accelerometers with particular attention to modern developments	1967
19760075176	Coralie F10 and subsequent launchings. Behavior of guidance sampled and quantized: Summary of studies. Volume 2: Graphs	1967
19760075236	The assessment of engine performance in the Blue Streak Vehicle	1967
19760075246	Liquid propellant boosters	1967
19760075250	N2O4 - AZ50 bipropellant auxiliary propulsion system combustion chamber pressure optimization study	1967
19760075266	Bipropellant AeroZINE nitrogen tetroxide performances	1967
19760075267	Auxiliary propulsion system with N2O4 - Az 50 bipropellant	1967
19760075268	Bibliographical research on the compatibility of materials with AeroZINE and nitrogen tetroxide	1967
19760075447	Technical description of the operational third stage, part 1	1967
19760075466	Comparisons on the loading conditions for the ELDO-A vehicle	1967
19760075491	F6/2 upper stages umbilical plug ejections. Test report carried out during Sep. and beginning of Oct. 1967	1967
19760075505	Test of armament control by lanyard system type MF 26000	1967
19760075529	Industrial study. VEMPA: Description of the L17 stage	1967
19760075552	ELDO-PAS program. Industrial study: Foreword and list of contents	1967
19760075553	ELDO-PAS program: Industrial study, volume 1, part 1	1967
19760075554	ELDO-PAS program: Industrial study, volume 2, part 1	1967
19760075555	ELDO-PAS program: Industrial study; volume 4, part 1	1967
19760075565	Trajectory dispersions of the improved ELDO A vehicle at launch	1967
19760075582	ELDO PAS program. PAS system program project. Volume 1: Presentation of the PAS system assembly	1967
19760075583	ELDO PAS program. PAS system program project. Volume 3: Perigee stage front skirt (equipment bay)	1967
19760075584	ELDO PAS program. PAS system program project. Volume 4: Apogee motor	1967
19760075585	ELDO PAS program. PAS system program project. Volume 5: Test satellite	1967
19760075586	ELDO PAS program. PAS system program project. Volume 6: Satellite propulsive system project	1967
19760075598	PAS program. PAS composite prelaunch checkout: Approach to the problem	1967
19760075603	Kinematic study of a low thrust transfer from a low to a synchronous orbit	1967
19760075606	ELDO PAS program: Study of the possibilities of improving performance in a 24 hour orbit	1967
19760075607	PAS program: Thermal study of test satellite	1967
19760075621	PAS. Satellite development: Technical definition of models, mock-ups, prototypes and flight units	1967
19760075624	Europa 2 program: Outline definition of PAS project	1967
19760075670	Answers to the questions posed to ELDO by ESRO within the framework of the CETS study	1967
19760075676	PAS program: Recapitulation and updating of general loads	1967
19760075677	ELDO PAS program. Apogee engine: Acceleration caused by the nutation of the engine in rotation	1967
19760075682	ELDO PAS program. Data for the choice of the spin system	1967
19760075683	Attitude control of the ELDO H1 vehicle	1967
19760075686	ELDO PAS: Chapter 1: Elements for mission definition method for the measurement of perigee and apogee motors velocity increments	1967
19760075688	Dynamic study: Satellite/third stage separation	1967
19760075689	Proposal for the PAS adapter	1967
19760075703	Strap-on boosters for ELDO launcher	1967
19760075717	Selenia separation system for F6/2 ELDO flight	1967
19760075728	ELDO launcher: Definition of destruct system	1967
19760075732	Determination of thrust offset and misalignment and gimbal friction	1967
19760075743	ELDO launch vehicle second stage third stage interstage: Thermal and static load test report	1967
19760075748	Definition of the Carmen launch vehicle	1967
19760075764	ELDO-B launcher: Pre-project industrial study of the H1 stage	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075766	An analysis of performance calculations for the ELDO-A vehicle based on F4 and F5 flight results (with application to flight planning for F6/1)	1967
19760075768	ELDO-A vehicle strength limits and safety factor	1967
19760075788	ELDO-PAS satellite program: Pre-project of a hydrazine propulsion system	1967
19760075791	PAS program: Connection installation for the control before launch	1967
19760075804	Hot static load test at Les Gatines of the forward second stage cylindrical skirt and rear and central third stage skirts in the F7 version: Test requirements	1967
19760075819	Coralie F10 and subsequent launchings. Behavior of guidance sampled and quantized: Summary of studies	1967
19760075820	ELDO-PAS program: Industrial study, volume 3, part 1	1967
19760075837	Proposal for autopilot design studies for the first stage of ELDO vehicles	1967
19760075841	Synthesis of accuracy requirements associated with the launching of an experimental twenty-four hour satellite	1967
19760075862	Digitizing of the attitude controller with limited bandwidth	1967
19760075863	Basic investigations for the auxiliary attitude control system	1967
19760075864	Mathematical model and simulation of the on-board-decoder	1967
19760075867	ELDO PAS program: Proposal concerning a PCM telemetry system for the perigee stage of the ELDO PAS system	1967
19760075869	ELDO PAS program. PAS system program project. Volume 8: Auxiliary guidance system of third stage/PAS assembly	1967
19760075901	Coordinated systems used with the simulation of the ELDO-A launch vehicle and their relations amongst each other	1967
19760075932	Development program of an auxiliary propulsion system utilizing the bipropellant N2O4 - Az50	1967
19760075933	ELDO experimental program: Performed tests	1967
19760075951	ELDO PAS program. Perigee stage: An examination of the ambient conditions encountered by the solid rocket motor from the time of disembarkation in Guyana to arrival at launch site	1967
19760075974	Operation of a microrocket type igniter for a solid propellant motor: Safety problems	1967
19760075982	Feasibility study of electric propulsion as a means of achieving a transfer from a low to a synchronous orbit	1967
19760075989	Liquid propellant boosters for ELDO vehicles	1967
19760076006	Phenomena of pressure loss in the N2O4 pipes during Cora tests	1967
19760076017	ELDO PAS program. Perigee stage: Definition of perigee engine	1967
19760076019	ELDO experimental study: Pressurization of a liquid hydrogen tank during emptying	1967
19760076032	Propulsion and pressurization systems for H1 and H1/A stages of ELDO B vehicles, volume 1	1967
19760076033	Propulsion and pressurization systems for H1 and H1/A stages of ELDO B vehicles. Volume 2: Illustrations	1967
19760076035	ELDO PAS program: Study of perigee stage propellant block	1967
19760076061	Bipropellant AeroZINE, nitrogen tetroxide performances: Hypothesis of frozen flow	1967
19760076075	Bipropellant AeroZINE nitrogen tetroxide performances: Hypothesis of equilibrium flow	1967
19760076094	Electromagnetic wave attenuation in the Coralie jet exhaust	1967
19760076095	Ultrahigh frequency wave attenuation measurements in Cora jet exhaust	1967
19760076104	Study of transponder antennas	1967
19760076135	Vempa rocket engine: Computation of the powder and casing temperature during flight	1967
19760076141	Heat transfer distribution around axisymmetric blunt bodies	1967
19760076142	ELDO PAS program. PAS system program project. Volume 7: Satellite thermal study	1967
19760076213	Warping stresses for launching vehicle ELDO-A, F6/2	1967
19760076220	ELDO-A. Instabilities of longitudinal vibrations in liquid rockets caused by feedback of the propulsion system: Pogo	1967
19760076361	ELDO/LAS integration studies	1967
19760076371	PAS industrial study. Chapter 1: Technical proposal. Chapter 2: List of materials to be built	1967
19760076396	Feasibility study of vehicles using large solid boosters as first stage and Blue Streak as second stage	1967
19760076398	F6/2 multistage vehicle overall flight loads	1967
19760076436	ELDO-A inertial guidance system, definition study	1967
19760076445	Approximate coordinate transformation of the error signal by the onboard computer for flight in an inertial coordinate system	1967
19760076446	Auxiliary attitude control with rate signal by numerical differentiation of the position signal: Influence of noise of the position gyro	1967
19760076450	PAS program test satellite: Preliminary study, part 2	1967
19760076451	PAS program test satellite: Preliminary report, part 3	1967
19760076458	A preliminary study of the autopilot stability for the F6/1 vehicle	1967
19760076459	Radio interference study for the ELDO vehicle in the F5 configuration	1967
19760076460	Results of a study of radio frequency interference between ELDO ground and vehicle systems for the launching of Europa 1 vehicle F6/1 from Woomera, Australia	1967
19760076461	Method of analysis of radio frequency interference between RF systems	1967
19760076471	ELDO PAS. Apogee rocket engine: Industrial study	1967
19760076477	Influence of nonlinearities on the auxiliary attitude control in limit cycle	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076479	PAS program test satellite: Preliminary report, part 1	1967
19760076484	Payload vibration environments	1967
19760076488	Proposal for F10 payload to represent PAS configuration	1967
19760076507	Study for the definition of the convergent divergent manufacturing technologies	1967
19760076549	ELDO: Heating of the cylindrical front skirt between stage 2 and 3	1967
19760076573	Results of the vibration tests at the VPO with axial excitation	1967
19760076575	Results of the vibration tests V7 in Lemwerder with axial excitation	1967
19760076620	Viewpoints for the theoretical and practical treatment of power spectra on a digital basis	1967
19760079344	Exhaust plume effects on missile stability and control at transonic speeds	1967
19760080376	RCA type CA3000, CA3001, CA3002, and CA3004 integrated amplifiers	1967
19760080599	Boronizing of steel by spraying with solid boron alloys	1967
19760080632	Formation of surface layers of nickel and cobalt borides on iron	1967
19760080876	RCA type TV and FM circuits CA3005, 6; CA3011, 12; CA3013, 14	1967
19760081796	Investigation of effects of afterbody closure and jet interference on the drag of a twin-engine tactical fighter	1967
19760081897	October 1967 monthly reports on USGA-NASA cooperative studies under the earth resources survey program	1967
19760081899	August 1967 monthly reports on USGS-NASA cooperative studies under the earth resources survey program	1967
19760081900	September 1967 monthly reports on USGS-NASA cooperative studies under the earth resources survey program	1967
19760081902	January 1967 monthly reports on USGS-NASA cooperative studies under the earth resources survey program	1967
19760081903	Monthly status reports on USGS-NASA cooperative studies under the earth resources survey program	1967
19760081904	Geologic map of the Mono Craters area, California	1967
19760082009	Automatic ballistic coefficient estimation	1967
19760082288	Definition of experiment program in space operations, techniques and subsystems (Independent Manned Manipulator-IMM). Volume 2: Technical report	1967
19760083387	CHAPARRAL system description and performance characteristics, supplement 1 (U)	1967
19760084085	Boronizing (of steel) with powder mixtures	1967
19760084086	High-temperature combination coatings (on carbon and alloy steels)	1967
19760084684	TOS/OT-2 meteorological satellite system. Volume 1: Introduction, spacecraft design	1967
19760084685	TOS/OT-2 meteorological satellite system. Volume 2: Test histories, launch support ground stations	1967
19760084686	TOS/OT-2 meteorological satellite system. Volume 3: Appendices	1967
19760084862	Experimental investigation of the hose instability with an intense relativistic electron beam	1967
19760086176	Phase 2 design of the detector subsystems for the AIRT scanning spectrometer	1967
19760086925	Fifty megawatt electrogasdynamics facility	1967
19760087047	Project PRIME guidance system performance for flight number 3	1967
19770071503	Research and technology program digest, FY 1967	1967
19770071873	End item calibration specification console, data recording and decommutation Isl-410-11080	1967
19770071875	Test procedure for calibration of primary struts (10-7-4 landing gear assembly)	1967
19770071876	Test procedure for calibration of secondary struts (10-7-4 landing gear assembly)	1967
19770071880	Test report for qualification test of an Apollo block 2 ECS radiator subsystem	1967
19770071881	The Apollo fuel cell powerplant component qualification test report	1967
19770071882	System P-18 final test report, LEM PCMTEA	1967
19770072019	Manned space flight experiments: Gemini 11 mission	1967
19770072716	Project Apollo task MSC/TRW A-146. Mass Properties Program (MASPRO) HX 201A	1967
19770072719	LM landing radar evaluation program (LRTRW1)	1967
19770072786	Static test qualification analysis for the uprated Saturn I and Saturn V instrument unit structures	1967
19770072885	Infrared observations of the galactic center	1967
19770072886	Energy-dependent modulation in auroral X-ray pulsations	1967
19770072888	Total acetate concentration in rat liver	1967
19770072890	Calculation of spectral line shapes at general pressures and the determination of intermolecular potentials in pressure broadening experiments	1967
19770072891	Emission spectra of nitrogen and other simple molecules in the near infrared region	1967
19770072892	Evidence of an upper stratospheric dust layer in a satellite twilight color photograph	1967
19770072893	Elevated serum uric acid concentration in college athletes	1967
19770072894	Imp 3: An observable meteor	1967
19770072895	Synchronization for compressed image data transmission	1967
19770072896	On the concept of mathematical physics	1967
19770072897	Comparison of Rb-Sr whole-rock and mineral ages of gneiss at Ore Knob, North Carolina	1967
19770072899	Dipeptidyl arylamidase II of the pituitary. Properties of Lys-Ala-beta-naphthylamide hydrolysis: Inhibition by cations, distribution in tissues, and subcellular localization	1967
19770072900	Anolyte studies of the magnesium/lithium chloride, potassium chloride eutectic electrode	1967
19770072903	High altitude dust derived from the zenith twilight sky	1967
19770072905	The polar upper atmosphere and aurora	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770072906	Digital sensing technique for interferometers	1967
19770072907	The fatty acids of influenza virus	1967
19770072908	Physical properties of the moon as determined from lunar orbiter data	1967
19770072909	Increased glucose tolerance and insulin sensitivity of rats exposed to chronic centrifugation	1967
19770072917	The orientation of the planet Mercury	1967
19770072918	Hemodynamics and chemical exchange in the microcirculation: Influence of the pericapillary plasma on tissue metabolism	1967
19770072919	Impact cratering mechanics and structures	1967
19770072920	Generalized jump conditions for the Vlasov equations and collisionless shocks	1967
19770072921	Pre-Gemini medical predictions versus Gemini flight results	1967
19770072922	A fully computerized library of deep sea soundings for quantitative studies of submarine topography	1967
19770072924	Corrections for meteorological rocket wind and temperature soundings based on measured data	1967
19770072925	Continuous measurement of deep body temperature in rats during prolonged centrifugation	1967
19770072926	A note on the stratospheric infrared sky radiance	1967
19770072928	Behavior of VLF ray paths in the Ionosphere	1967
19770072929	Collisional excitation of electronic levels in Al and Fe	1967
19770072930	The Hellmann-Feynman electrostatic theorem and long range interaction of atoms	1967
19770072931	Origin and evolution of the family of sun grazing comets	1967
19770072932	On the continuity of closed loop feedback relations	1967
19770072933	Occurrence of the FeB- and CrB-type structures in the rare-earth ternary equiatomic compounds	1967
19770072934	Systems approach. Part 2: Chapters 7-10	1967
19770072935	Systems approach. Part 1: Chapters 1-4	1967
19770072937	Some mathematical aspects of adiabatic radial oscillations of stars	1967
19770072938	A study of the Reissner foundation model	1967
19770072941	Preliminary solution for the hypervelocity impact of a porous stone sphere on solid aluminum	1967
19770072944	Comparison of the convective model atmospheres of epsilon-eridani and Gmb 1830	1967
19770072945	Magnetic declination and solar control of the topside ionosphere	1967
19770072946	Melting relationship in the system NaAlSi ₃ O ₈ -NaF-H ₂ O to 4 kilobars pressure	1967
19770072967	Foundations of Born's principle of reciprocity	1967
19770072968	Isolation and properties of rat and rabbit growth hormones	1967
19770072969	The NASA airborne solar eclipse expedition	1967
19770072970	Effects of X-irradiation and gamma-irradiation of the heads of Macaca irus monkeys, part 2: Neuropathological changes	1967
19770072974	A new technique for measuring the internal pressure of sealed electrochemical cells	1967
19770072975	Analysis of relaxation systems with multiple relaxators. 1: Finite relaxators	1967
19770072977	Possible composition changes in the solar atmosphere	1967
19770072978	Review of spacetime Physics by Edwin F. Taylor and John A. Wheeler	1967
19770072979	Comments on the calculated H gamma profiles of Searle and Oke	1967
19770072980	Present and future of polymers in space	1967
19770072981	Internal conversion coefficients at gamma-ray threshold energies	1967
19770072982	Europium anomalies and the genesis of basalt	1967
19770072983	Facilities for simulating combined convective and radiative entry-heating environments	1967
19770072984	Low-temperature strength of 301-type stainless steels for cryoformed pressure vessels	1967
19770072985	Model solar atmosphere	1967
19770072987	The electrical engineering student and the IEEE	1967
19770072988	Has the earth's crust changed with time? Rare-earth abundances in ancient sediments	1967
19770072990	The cutoff in the stellar dynamical relaxation time calculation	1967
19770072991	Problems of the magnetic stars	1967
19770072992	Detailed analysis of the star phi aurigae	1967
19770072993	The effects of weathering on whole-rock Rb-Sr ages of granitic rocks	1967
19770072995	Solar wind and interplanetary magnetic field	1967
19770072996	Autosynchrony in sarcoma cell division	1967
19770072997	Evolutions of lanthanide abundances in North American shale composite from an original chondritic earth	1967
19770072998	Calculation of the optical absorption due to localized mode-lattice vibration combination bands in boron-doped silicon	1967
19770072999	Reentry	1967
19770073000	Growth of somatic cell clones in micro lagoons	1967
19770073001	Discussion of paper by R. M. Thorne and C. F. Kennel, quasi-trapped VLF propagation in the outer magnetosphere	1967
19770073002	A sensitivity equation and its use in optimal control theory	1967
19770073003	Prefactory material for, The Magnetic and Related Stars	1967
19770073005	Simultaneous airborne and ground-based optical radar measurements of the lower atmosphere	1967
19770073006	Origin of the Jephtha Knob structure Kentucky	1967
19770073007	Diffusion in the Martian atmosphere	1967
19770073008	Effect of gyro-viscosity on Rayleigh-Taylor	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770073009	Laminar couette flow with heat transfer near the thermodynamic critical point	1967
19770073010	Dispersion mechanisms of the MOS impedance	1967
19770073011	Strehler's theory of mortality and the second principle of thermodynamics	1967
19770073012	Coupled bending and axial vibrations of a beam	1967
19770073013	Establishment of planetary unipolar dynamos by the solar wind	1967
19770073014	Radiometric age of the Arisaig, Nova Scotia Volcanics and the Ordovician-Silurian boundary	1967
19770073015	Recent advances in satellite radiation measurements	1967
19770073016	Diamagnetic effect of the lunar cavity	1967
19770073017	Jet engines for air-heater service at NASA-Lewis Research Center	1967
19770073018	Effectiveness factors and instability in solid-gas reactions	1967
19770073021	Forced transverse vibration of a solid viscoelastic cylinder bonded to a thin casing	1967
19770073022	Nonsymmetric modes and frequencies of complete spherical shells	1967
19770073029	Low cost lamp driver employs SCR	1967
19770073441	Analysis of a multiple access satellite communications system	1967
19770073466	Thermal analysis of phenolic composites useful as ablative heat shields	1967
19770073479	Reversible thermal phenomena in silver carbonate and thermal decomposition kinetics	1967
19770073480	Spectra from beam-foil excited krypton	1967
19770073482	Fluorescence of NAA standard granite	1967
19770073483	Gas chromatographic techniques for the identification and study of nucleosides	1967
19770073572	Theoretical investigation of the effect of an internal heat source on turbulent liquid-metal heat transfer in a channel with uniform heat flux	1967
19770073573	Measured and predicted ablation-product radiation in the near wake	1967
19770073575	Laminar natural convection in a rectangular cavity	1967
19770073586	Calibration techniques of small accelerometers at frequencies of 5 to 100 kilohertz	1967
19770073621	The permanent deflection of a rigid-plastic plate under a Gaussian distribution of impulse	1967
19770073622	Integrating the equations for spherical shells	1967
19770073623	Motion of an elastic rod with external Coulomb friction	1967
19770073834	Formation of an Aerosol Layer near 95 Km by Wind Shear Electric Fields	1967
19770073869	Rapid detection of microorganisms by the firefly bioluminescent ATP assay	1967
19770073870	On the Chew-Goldberger-Low theory for an anisotropic plasma	1967
19770073871	Effect of hypothalamic extracts on RNA synthesis in rat anterior pituitary tissue	1967
19770073872	A sensitive assay for flavin mononucleotide using the bacterial bioluminescence reaction	1967
19770073905	Advanced space suit technology	1967
19770073948	Criteria for the continuity and differentiability of vector parameter processes	1967
19770073949	Existence, uniqueness and continuity of solutions of integral equations	1967
19770073950	Decomposable circle-like continua	1967
19770073951	A digital rate multiplier for curvilinear interpolation of sampled data	1967
19770073952	On Steffensen's method	1967
19770073971	Magnetic mirroring and conservation of angular momentum	1967
19770074045	Model of an electric arc balanced magnetically in a gas flow	1967
19770074047	Mass spectrometry of afterglows	1967
19770074067	Two lectures on the variational principle in quantum mechanics	1967
19770074119	Technology utilization: The spinoff from aerospace technology to the civilian sector	1967
19770074211	On the transparent stage of contraction of a nonrotating protostar	1967
19770074281	Thermal decomposition kinetics of silver carbonate as determined by the infrared disk technique	1967
19770074305	Corrosion properties of iron and steel	1967
19770074691	Some histochemical studies of experimental mouse renal candidiasis	1967
19770074839	Three papers by A. N. Baluev on Chaplygin methods and nonlinear equations	1967
19770074843	Analytical continuation of Appell's hypergeometric series F2 to the vicinity of the singular point $x=1, y=1$	1967
19770074875	Electron temperature dependence of electron-ion recombination in neon	1967
19770074913	Effect of oxygen compensation on Gunn effect oscillators	1967
19770075021	Nucleosynthesis in supernova explosions	1967
19770075026	A possible evolution for argon and other gases in the atmospheres of the terrestrial planets	1967
19770075066	Project Apollo task MSC/TRW A-54: TAPP 4 program description	1967
19770075067	Project Apollo task MSC/TRW A-54-1: TAPP-5 program description	1967
19770075068	Apollo reference mission program version ARM 05: User's manual and test cases	1967
19770075092	Parachute subsystem (ME623-0006-0001). Increased capability program. Block 2	1967
19770075098	Lunar module inertial subsystem qualification vibration and lunar shock tests of G and N interconnect harness group	1967
19770075111	Mechanical response at cryogenic temperatures of selected reinforced plastic composite systems	1967
19770075229	Heat transfer across surfaces in contact: Studies of transients in one-dimensional composite systems	1967
19770075715	Revised LM descent and ascent delta V budgets for the lunar landing mission	1967
19770075716	Selection of lunar landing sites based on performance and operational considerations	1967
19770075730	LEM/ASA Design Verification Test Report, Appendixes	1967
19770075731	Test results for LEM landing gear component development tests	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770075732	Apollo command module pilot and drogue parachute pyrotechnic mortar test	1967
19770075733	An analysis of the land impact problem during mode 1 aborts from the Saturn 1B launch vehicle	1967
19770075734	Manual launch from the lunar surface using the horizon for attitude reference	1967
19770076284	The conic lunar orbit orientation is inadequate for the real-time LOI and midcourse processors	1967
19770076349	CSM fuel requirements for a LM rescue in lunar orbit, Project Apollo	1967
19770076380	Apollo-Saturn emergency detection system description (AS-500 series vehicle)	1967
19770077074	Integrated medical and behavioral laboratory measurement system. Phase B, volume 1: Technical	1967
19770077075	Integrated medical and behavioral laboratory measurement system. Phase B, volume 2: Management	1967
19770077077	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS), phase B	1967
19770077079	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS), phase B	1967
19770077772	Integrated medical and behavioral laboratory measurement system. Phase B, Volume 3: Phase C proposal	1967
19770079367	APO presentation of SM RCS predictions versus AS-202 results	1967
19770079368	Observation of APP-A ground test sites from low-altitude high-inclination orbit	1967
19770079371	Lunar coordinates of Surveyor 1	1967
19770079376	Summary of Apollo-Saturn space vehicle telemetry systems and telemetry support from stations located in the MILA/Cape area for Apollo	1967
19770079377	Data handling at the GSFC telemetry data processing facility	1967
19770079380	Static firing of the Surveyor vernier engine on the lunar surface	1967
19770079440	Apollo S-band communications capabilities using high power RF modes with directional and omnidirectional antennas	1967
19770079708	On-pad crew safety: Modifications to operations and hardware to improve crew escape times	1967
19770079828	Effects of solar cosmic ray activity on AAP lunar exploration missions	1967
19770079829	Radiation dose calculations for AAP cluster A missions	1967
19770079855	Apollo CM water landing acceleration probabilities	1967
19770080011	Analysis of pressures and heat transfer tests on surface roughness elements with laminar and turbulent boundary layers	1967
19770080206	Economics of research and development in the pharmaceutical industry: Implications for the geographic distribution of pharmaceutical research and development	1967
19770080214	Mutually therapeutic perception and self-awareness under variable conditions	1967
19770080233	Some extensions of the Kuhn-Tucker results in concave programming	1967
19770080307	Recombination in low temperature helium plasmas	1967
19770080328	Third International Symposium on High Temperature Technology	1967
19770080474	Need for high orbital inclination for APP A mission	1967
19770080513	Investigation of stress corrosion cracking of titanium alloys	1967
19770080528	Photothermoviscoelastic research	1967
19770080621	Gemini PCM tape recorder performance study	1967
19770080660	The buckling of cylindrical shells	1967
19770080710	Gemini fuel cell performance analysis	1967
19770080843	Oxygen partial pressure control subsystem. Apollo applications program	1967
19770080876	Experiment for evaluating a dynamic noise margin test for the Apollo guidance computer	1967
19770080928	Research in the aerospace physical sciences	1967
19770080937	Laboratory studies of electron collision frequencies	1967
19770080957	Feasibility and design study of instrumentation for measuring lunar sky brightness	1967
19770080999	Multidisciplinary research in the space sciences and technology	1967
19770081111	Trip Report - Bimonthly Report by NAA on AAP Engineering Studies, MSC, 16 March 1967	1967
19770081112	GT-12 post flight analysis report	1967
19770081140	Multidisciplinary research on composite materials and plasma engineering	1967
19770081758	Multidisciplinary space-related research	1967
19770081903	Apollo support program	1967
19770081904	Materials presentation at August Apollo program office review	1967
19770081905	Site selection, lighting and AS-504A	1967
19770081906	Lunar AAP mission profiles	1967
19770081909	Launch area requirements for providing air in the CM cabin	1967
19770081911	Launch considerations for AAP-1/AAP-2	1967
19770081919	CSM and LM configuration difference charts	1967
19770081920	The application of in-flight winds to the design and operation of the Saturn V/Apollo vehicle	1967
19770081976	Contamination hazard of Apollo lunar surface samples by LM paint and thermal control coatings	1967
19770082026	Studies of DSKY relay problem	1967
19770082027	Adequacy of the Apollo keyboard and display for the Apollo applications program	1967
19770082028	Apollo data flow, case 600-2	1967
19770082029	UNIVAC-494 communications processor processing segment analysis Apollo Launch Data System (ALDS)	1967
19770082060	ATM film irradiation problem	1967
19770082251	Review of atmosphere selection for manned space flight	1967
19770082254	Spacecraft computer memory requirements for AAP	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770082315	Review of report of government/industry review group - case 330	1967
19770082401	ACE-SC utilization for AAP and Apollo check-out	1967
19770082512	Active cooling concept for ATM experiments	1967
19770082900	Defect complexes induced in semiconductors by high-energy radiation	1967
19770082994	Analytical studies of the use of the propulsive-lift concept for the descent and landing of manned entry vehicles (PLAME)	1967
19770084324	Symposium on Transient Loads and Response of Space Vehicles	1967
19770085041	Seismic coupling experiments	1967
19770085542	Analysis of hydrogen in zirconium powder for pyrotechnic uses	1967
19770085624	Power system study low-acceleration space transportation systems, volume 4	1967
19770086691	Supersonic wind tunnel tests on a 1/14 scale model of the TSR 2. Part 3: Loads on underwing store installations (U)	1967
19770086721	Some effects of ablation on the nonplanar motions of slender entry bodies	1967
19770087070	Post-launch RTG performance aboard LES-8/9	1967
19770088629	Evaluation of soil mechanics laboratory equipment. Report 10: Pure water pressure measuring devices for triaxial compression testing of soils	1967
19770090710	Semi conductor device, transistor-NPN silicon epitaxial planar	1967
19770090717	Transformer, 3 phase - 115V - 400CPS	1967
19770090915	Geochemical investigations of lunar materials returned from the apollo manned lunar landing programs	1967
19770091138	Tactical secure navigation system LORAN-F	1967
19770091139	Standard Navigation Computer (SNC)	1967
19770091149	Light observation helicopter technical development plan	1967
19770091231	Advanced aerial fire support propulsion system	1967
19770091264	Mission analysis technique for experiments (MATE-BHA-0133)	1967
19770091402	Evaluation of 3-D ablative plastics composites	1967
19770091432	Deformation and fracture as a function of strain rate at hot working temperatures	1967
19770091436	Investigation of the deformation of beryllium single crystals under high pressure	1967
19770091437	Interstitial sink effects in columbium alloys	1967
19770091438	Brazing beryllium by capillary flow	1967
19770091448	The fabrication of iridium and iridium-alloy coatings on graphite by plasma-arc deposition and gas-pressure bonding	1967
19770091499	Microwave research	1967
19770091500	Transmission systems for transportable DCS communication complexes	1967
19770091501	Phased array divergent lens study	1967
19770091502	Analysis of side-lobe suppression capabilities at joint-use radar beacon sites	1967
19770091504	High frequency single sideband airborne radio set AN/ARC-98	1967
19770091545	Dielectrics for high energy storage capacitors	1967
19770091546	Mixed wiring matrix fabrication techniques	1967
19770091598	Investigation of interface friction between tool and workpiece materials under conditions of plastic deformation	1967
19770091599	Sliding of copper-based sintered material against steel in paraffinic mineral oil	1967
19770091635	Critical atmospheric turbulence (ALLCAT)	1967
19770091694	Mathematical model for contamination control	1967
19770091718	Nuclear interference studies. Volume 3: Some considerations on the backscatter of electromagnetic waves from turbulent, underdense, unabsorbing plasmas	1967
19770091726	Quarterly progress letter	1967
19770091895	Lunar orbital experiments with the Apollo mapping and survey system	1967
19770091896	Ascent of Mars surface sample return (MSSR) probe: Influence of drag area on delta-V requirements	1967
19770091897	Meetings at KSC on lunar mission recycle planning and apollo applications MPTF	1967
19770091982	Description of S-IVB stage structure (Saturn V configuration)	1967
19770091984	Technical assessment of the S-11 stage for mission AS-501	1967
19770092015	Development of coatings for protection of high-strength tantalum alloys in severe high-temperature environments	1967
19770092029	Need for plastics and fibrous materials specifications	1967
19770092030	Advanced nitroso polymers	1967
19770092139	Reentry F turbulent heat experiment	1967
19770092246	Synergistic effect of zero-G and radiation on white blood cells and neurospora spores	1967
19770092343	Mechanism of instabilities of exothermic hypersonic blunt-body flows	1967
19770092421	Definition of experimental tests for a manned Mars Excursion Module. Phase 1 Report: Summary briefing	1967
19770092424	RCS performance requirements for emergency deboost from one-year lifetime earth orbits	1967
19770092450	Improved Delta	1967
19770092532	Flox/methane pump-fed engine study	1967
19770092533	Design criteria for space propulsion systems	1967
19770092535	RL10 Rocket Engine	1967
19770092536	RL10 rocket engine	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092567	Development of an accelerated stress corrosion test for ferrous and nickel alloys	1967
19770092580	Investigation of resin systems for improved ablative materials	1967
19770092581	Development of improved semi-organic structural adhesives for elevated temperature applications	1967
19770092583	Development of improved structural adhesives	1967
19770092586	Study of the synthesis of block copolymers	1967
19770092591	Fluorine-hydrogen performance evaluation	1967
19770092609	Very low frequency radio noise experiment to be flown on a Javelin sounding rocket	1967
19770092722	Effect of property variation on the turbulent flow of gases in tubes. The thermal entry	1967
19770092723	The kinetics of reaction of the by-products of ablative materials at high temperatures and the rate of heat transfer between hot surfaces and reactive gases	1967
19770092728	Effect of environment on thermal control coatings	1967
19770092729	Effect of environment on thermal control coatings	1967
19770092731	The kinetics of reaction of the by-products of ablative materials at high temperatures and the rate of heat transfer between hot surfaces and reactive gases	1967
19770092779	Investigation of discharge pressure in high pressure pumps	1967
19770092799	PLATUDE: Plastic tube analysis	1967
19770092806	A Radiotracer Experiment with the Apollo Fuel Cell Hydrogen Flow Loop, Phase 1	1967
19770092816	On the excitation and collisional deactivation of metastable atoms and molecules in the aurora and airglow	1967
19770092817	Data analyses in connection with the National Geodetic Satellite Program	1967
19770092855	Noise investigations with impinging jet flows	1967
19770092909	Investigation of galactic and planetary radio astronomy	1967
19770092916	The effect of shock waves on meteorites	1967
19770092987	Design and operation of the WVU 2-1/2 inch shock tube, with results of use as a wind tunnel	1967
19770092997	Coverage analysis of missions AAP-1 through AAP-4 using orbit inclination as a variable	1967
19770092998	Trip report: AAP-3/AAP-4 Rendezvous meeting at MSC, May 25, 1967	1967
19770093003	Transportation and handling	1967
19770093004	Manned space flight experiments. Gemini 12 mission	1967
19770093015	Reentry F flight test data processing plan	1967
19770093018	Quality program plan for reentry F turbulent heating experiment	1967
19770093034	Checklist and procedure-vehicle support systems installation chamber B	1967
19770093068	Comparison study of reusable aerospace passenger transport launch modes, executive summary report	1967
19770093085	Reentry F spacecraft structural mechanics stage 8 release	1967
19770093092	Measurement techniques for hypersonic propulsion	1967
19770093093	Interaction of propellant utilization and guidance systems	1967
19770093099	Reentry F Stage III materials release	1967
19770093116	Oscillatory combustion in rockets	1967
19770093117	IAU on colloquium on space spectroscopy	1967
19770093119	A study of hydrogen embrittlement of various alloys	1967
19770093143	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen	1967
19770093149	Study of the synthesis of block copolymers	1967
19770093150	Study of the synthesis of block copolymers	1967
19770093168	A theoretical and experimental study of propellant combustion phenomena during rapid depressurization	1967
19770093175	Investigation of reactivity of launch vehicle materials with liquid oxygen	1967
19770093181	Trip report: Meeting at GSFC to discuss the reliability of the communications processors for message switching at GSFC	1967
19770093215	Payload module decoder and buffer module	1967
19770093226	Acoustic transducer, 25,000 watt	1967
19770093237	Radiative energy transfer on entry into Mars and Venus	1967
19770093248	Effect of environment on thermal control coatings	1967
19770093250	The kinetics of reaction of the by-products of ablative materials at high temperatures and the rate of heat transfer between hot surfaces and reactive gases	1967
19770093329	Study of structural and mineralogical significance of meteorite impact sites, including mineral paragenesis, high pressure polymorphs, microfractures and quartz lamellae	1967
19770093331	Studies of the magnetosphere	1967
19770093342	A new approach to the microbiological sampling of surfaces: The vacuum probe sampler	1967
19770093343	Characterization of particles involved in lipid synthesis in yeast	1967
19770093382	Computer systems for Saturn ground computer complex (with addendum)	1967
19770093425	Re-entry-F thermodynamics Stage III release. Part 3: Calorimeter design analysis	1967
19770093437	Stimulation of research related to space. Multidisciplinary	1967
19770093447	Proceedings of the fourth formal review of the North American Aviation, Inc. New Technology Reporting Program	1967
19770093460	Semiannual report, 1 March - 31 August 1967	1967
19770093474	Neutron activation determination of gold in iron meteorites and sulfide modules	1967
19770093481	A modified linear theory and its application to wings with supersonic edges	1967
19770093482	A study of hypersonic blunt body flows: The hypersonic fully viscous shock-layer problem	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093483	Stage 3 aerodynamics, reentry F	1967
19770093484	Fracture design analysis for air flight vehicles	1967
19770093485	Avionics requirements for all weather landing of advanced SST's. Volume 4: Research task program	1967
19770093504	Re-entry F turbulent heat experiment	1967
19770093505	Technical description reentry F electrical age	1967
19770093511	Midcourse propulsion system study, galactic Jupiter probe	1967
19770093523	Advanced injector concepts investigation	1967
19770093530	The Chemistry of 1,2,4-Triazine and Some Related Compounds	1967
19770093533	Phase relationships and diffusion in meteoritic irons	1967
19770093534	A study of hydrogen embrittlement of various alloys	1967
19770093535	The effect of hydrogen embrittlement on static and dynamic fatigue of hollow notched tensile specimens	1967
19770093539	Evaluation testing of protective coatings on refractory metals	1967
19770093554	Frequency translator concept for performing the LM relay communication experiment	1967
19770093556	Apollo communications systems performance and coverage analysis for mission AS-204/LM-1	1967
19770093572	Evaluation of high temperature gas transport properties	1967
19770093573	Unsteady entrance flows in elastic tubes with application to the vascular system	1967
19770093585	Stress analysis of shells under actual aerodynamic loading	1967
19770093587	Elastic response of rectangular plates subjected to dynamic loadings	1967
19770093588	On the damping of flexural plate vibrations by the application of viscoelastic layers	1967
19770093589	Vibrations of plates and shells composed of elastic and viscoelastic materials	1967
19770093590	Kinematics and stress on a no-slip surface	1967
19770093591	An analytical and experimental study of vibrations of ring-stiffened cylindrical shells	1967
19770093606	The synthesis of standards in the characterisation of a C21 isoprenoid alkane isolated from precambrian sediments	1967
19770093607	Indium abundances in chondritic and achondritic meteorites and in terrestrial rocks	1967
19770093608	Significant developments concerning the geocorona and magnetosphere	1967
19770093609	High resolution nighttime cloud-cover radiometer	1967
19770093610	Estimating size and concentration of bacterial cells by light scattering	1967
19770093611	A study of the mechanism of action of streptomycin in Euglena gracilllis	1967
19770093612	Observations on the fine structure of the cuticle of the spiny rat mite, LAELAPS ECHIDNINA (acarimmesostigmata)	1967
19770093614	A factor for coupling NAD to hydrogenese in hydrogenomonas EUTROPHA	1967
19770093617	The law of a small group, parts 1 and 2: A report on the Berkeley Penthouse Experiments with emphasis on Penthouse V	1967
19770093618	Compensation and concentration concepts for research and evaluation of human performance	1967
19770093627	Simulation methods and applications	1967
19770093628	Digital simulation of numerically controlled production systems	1967
19770093629	Perturbations of optimal and sub-optimal control problems	1967
19770093630	Analytic continuation of Appell's hypergeometric series F2 to the vicinity of the singular point X=1, y=1	1967
19770093632	Several time-varying, upper bounds on nonlinear system transient response	1967
19770093633	Stochastic model of motion of solid particles	1967
19770093634	On supersonic vehicle shapes for reducing auditory response to sonic booms	1967
19770093635	The chemistry of atomic species	1967
19770093638	Development of optical waveguides and components	1967
19770093645	Research and advanced development. Volume 3: Supporting research and technology for the office of tracking and data acquisition (New Systems and Spacecraft Subsystems), National Aeronautics and Space Administration	1967
19770093646	Arms and the American economy: A domestic convergence hypothesis (a mild rebuttal of Professor Galbraith's new industrial state)	1967
19770093647	Monographs containing source material on new technology	1967
19770093650	Some thoughts on unmanned lunar exploration	1967
19770093742	An investigation to determine the feasibility of performing satellite-borne experiments on gas molecule-solid surface interactions	1967
19770093743	STAC action items: Review of LM powered descent guidance and navigation philosophy	1967
19770093751	Systems acceptance test plan for reentry F turbulent heating experiment	1967
19770093752	A coordinate transformation matrix computer for body-fixed reference systems	1967
19770093753	A study of technology requirements for atmosphere braking to orbit about Mars and Venus	1967
19770093763	Delta-46 Orbiting Solar Observatory-E (OSO-E) flash flight report	1967
19770093764	Feasibility study of passive communication satellite concepts for Apollo Applications Program	1967
19770093766	Operations plans 3-67 United Kingdom satellite UK-E	1967
19770093769	An acceleration vector attitude control system	1967
19770093793	Analysis of the current AAP 1-4 baseline and proposals for eliminating the AAP-3 performance deficit	1967
19770093796	Failure rate handbook for the Apollo-Saturn instrument unit	1967
19770093797	Flox/methane pump-fed engine study	1967
19770093801	Reliability support of large solid rocket programs	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093811	Development of beryllium honeycomb sandwich composite for structural and other related applications	1967
19770093822	A study of the suppression combustion oscillations with mechanical damping	1967
19770093826	Quantitative gas-liquid chromatography of TMS nucleic acid constituents	1967
19770093827	Comment on the kinetic equation of a dilute gas with repulsive and attractive interactions	1967
19770093828	Protective coatings for refractory metals in rocket engines	1967
19770093829	Tantalum-hafnium alloys metallurgical processing technology	1967
19770093830	Metal carbide-graphite composites	1967
19770093851	Temperature dependence of the X-ray Debye temperature in a 33 per cent nickel in iron alloy	1967
19770093853	Melting of silicates at high pressure	1967
19770093871	A study of problem areas in using electroexplosive devices on NASA launch vehicles	1967
19770093873	Propellant/commodity operations plan	1967
19770093890	ACE-S/C quarterly progress report, 15 January - 15 April 1967	1967
19770093892	Utility of satellite communications in Project Apollo	1967
19770093893	Waveform distortion in a maximum likelihood Darlington detector for M-ary pfm signals	1967
19770093897	Power spectral densities for synchronous subcarrier pcm signals	1967
19770093898	A source encoding method for space communications	1967
19770093899	Reflection and diffraction in a bistatic radar occultation experiment	1967
19770093931	Synchronous charge-constrained electroquasistatic generators	1967
19770093932	Theory and Application of Resistance Temperature Transducers	1967
19770093933	High current, high voltage, contact life test	1967
19770093936	Integrated electronics: A perspective	1967
19770093937	Improved techniques in the production of Kovar printed circuits	1967
19770093993	Turbulent heat transfer in drag-reducing fluids	1967
19770093994	Investigation of boundary layer transition	1967
19770093996	Re-entry F nose tip Malta tests, results and evaluation	1967
19770093999	A general study of the dynamics and stability of ablative melt layers	1967
19770094000	Melting ablation of two-dimensional and axisymmetric blunt bodies with a body force	1967
19770094007	Develop a zero-g, drag-free satellite and to perform a gyro test of general relativity in a satellite	1967
19770094014	A gamma-ray spectrometer using a Ge(Li) detector and a cooled FET preamplifier	1967
19770094023	Wideband laser communication system	1967
19770094040	Squeeze-film gas lubrication	1967
19770094048	Report on acceptance tests of 21 and 30 day biosatellite calendar clocks	1967
19770094054	Re-entry F electrical system development test turbulent heating experiment	1967
19770094055	Vibration and shock test of Re-entry F development spacecraft	1967
19770094067	Development and fabrication of lithium-diffused silicon solar cells	1967
19770094068	A radiotracer experiment with the apollo fuel cell hydrogen flow loop, phase 2 report	1967
19770094089	Study of growth in recent and fossil invertebrate exoskeletons and its relationship to tidal cycles in the earth-moon system	1967
19770094092	Kinetics of azide binding to normal and mutant ferrihemoglobins as evidence for subunit interaction	1967
19770094094	Advanced nuclear study health physics considerations	1967
19770094096	Calcium accumulation as a parameter of energy metabolism in mitochondria of brown adipose tissue	1967
19770094103	Human memory: A proposed system and its controll processes	1967
19770094112	Physiological constraints for air-on-the-pad	1967
19770094130	On the orthonormalization of sparse vectors	1967
19770094136	Continuous characters of compact semigroups	1967
19770094141	A radioisotope heat source specification: Illustrative example	1967
19770094143	A nuclear power supply technical interface specification: Illustrative example	1967
19770094144	Advanced nuclear system study advanced and supporting research and technology considerations	1967
19770094145	A nuclear power study program specification: Illustrative example	1967
19770094146	Advanced nuclear systems study management and administrative considerations	1967
19770094147	Advanced nuclear systems study	1967
19770094153	Scheduling and funding forecast for a comprehensive horizon definition in the CO2 absorption band. Horizon definition study	1967
19770094164	Theoretical studies of space plasmas	1967
19770094165	Radiation and voltage gradients from gas mixtures at high temperatures in a constricted plasma arc. Experimental measurement of arc voltage gradient for several selected gases and mixtures of gases	1967
19770094166	A standing magnetoacoustic wave power generator	1967
19770094181	Semiannual report, 1 December 1966 - 31 May 1967	1967
19770094182	Research and advanced development. Volume 2: Supporting research and technology of the Office of Advanced Research and Technology, National Aeronautics and Space Administration	1967
19770094183	Contractor's Independent Research and Development Program (CIRP)	1967
19770094185	Research in the space-related sciences	1967
19770094186	Multidisciplinary research in space-related science and technology	1967
19770094190	Index to NASA news releases and speeches, 1963-1966	1967
19770094197	Coordinated space related studies at New York University	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094212	Cosmochemistry and nuclear chemistry research	1967
19770094218	The effect of shock waves on meteorites	1967
19770094219	The reconstruction of the assemblage of mineral deposits of the moon	1967
19770094307	Preliminary analysis of a countdown strategy using programmed holds	1967
19770094342	RL10 rocket engine	1967
19770094361	Deleted record	1967
19770094378	An electron microscope study of the precipitation of silicon from splat-cooled Al-Si alloys	1967
19770094509	Evaluation of thermal protection materials for lifting and ballistic re-entry heat shield materials	1967
19770094575	Metabolism of brown fat and liver mitochondria from hibernating and nonhibernating mammals	1967
19770094576	Hazards to the eye from ionizing radiation during extended space missions	1967
19770094580	Fire protection for the S-IVB workshop	1967
19770094581	Biology and engineering of space and technology	1967
19770094599	On the effect of excited states upon reaction rates	1967
19770094601	Nuclear rocket thrust level for a manned mars landing mission	1967
19770094605	STAC action item: Use of CM and LM optics for platform alignment	1967
19770094637	Study of data transmission system	1967
19770094644	Comments on X-ray astronomy experiment S069	1967
19770094645	Evidence for vulcanism on the moon	1967
19770094651	A study of the influence of altitude variation on parachute drag coefficient, opening shock and stability	1967
19770094735	Thruster system for attitude control of galactic Jupiter probe	1967
19770095131	ASEE-NASA Summer Faculty Institute	1967
19770095132	The growth of organized research at the Berkeley Campus. Part 1: The financial environment of organized research in the University of California at Berkeley	1967
19770095267	Deep ocean tests of AN/WQC-2 voice mode and SUCOM (sperry underwater communications) acoustic communications systems, volume 1	1967
19770095517	MOL Laboratory module/effectiveness model report. Appendix A, sequence number B242	1967
19770095565	Semiconductor device, controlled rectifier	1967
19780070017	An Analytical and Experimental Investigation of the Dynamic Instability of a Freely Autorotating Rotorchute with Body Controls	1967
19780071808	Optical technology Apollo extension. Part 2: Telescope technology	1967
19780072532	Linearized orbit theory with longitude as the independent variable	1967
19780073162	Fire detection test	1967
19780073723	A computer program for calculating the boundary layer properties along the surface of turbomachinery blades	1967
19780074964	Analysis of Performances for Static Power-Conditioning Systems: Inversion, Conversion, and Regulation	1967
19780075394	Selected fluid and vacuum technology: A compilation	1967
19780078673	Nondestructive testing introduction	1967
19780078674	Nondestructive testing Eddy Current: Equipment, methods and applications	1967
19780078765	Optical technology Apollo extension system	1967
19780079334	Modified optical-potential approach to low-energy electron-neon scattering	1967
19780079347	NERVA irradiation program. Mapping of the radiation field within the in-pile tube of the aerospace systems test reactor	1967
19780079938	Partitioning microelectronic equipment through the use of a symptom matrix	1967
19780080398	MOL postflight analysis and evaluation study. Sequence number B349	1967
19780080982	Static tests on scale model inlets for high bypass ratio turbofans	1967
19780082634	Shillelagh missile system agenda and supporting data for special in-process review	1967
19780083891	Test reports continuation of NRA force modernized tests	1967
19780084891	Laser guidance system for rendezvous and docking	1967
19780085034	An extension of a stability theorem of J. S. Wong	1967
19780085054	Thermodynamic properties of liquid metal solutions in sodium-mercury system at 200 deg C	1967
19780086559	Navy Cost Information System (NCIS model B). Reports subsystem	1967
19780086567	Navy Cost Information System (NCIS model B) reports subsystem: Functional description	1967
19780086568	Navy Cost Information System (NCIS model B) reports subsystem: Command manual	1967
19780087100	Compilation of spin data program	1967
19780087299	Hydrogen tankage application to manned aerospace systems	1967
19780087684	Compilation of spin data program	1967
19780087948	Relationships between resin fracture and composite properties	1967
19780088002	Preliminary investigation of the effects of roughness on wall pressure fluctuations in turbulent incompressible pipe flow	1967
19780088339	Integrated circuit engineering product analysis	1967
19780088340	Integrated circuit engineering product analysis	1967
19780088341	Integrated circuit engineering product analysis	1967
19780088342	Integrated circuit engineering product analysis	1967
19790071997	Oxygen environment: A peril in space?	1967
19790072030	Some features of a relay satellite air traffic control system	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072033	Quasi-inertial stabilization of the aap 1/2 cluster configuration	1967
19790072034	Unmanned mssr entry into mars during the 1975 manned twilight flyby	1967
19790072035	Martin marietta corporation presentation on aap-1a study, msc, september 25, 1967	1967
19790072036	Extended lm lunar surface mission description	1967
19790072037	Trip report - meeting of the apollo test integration working group /atiwg/ at ksc, discussions on the boeing simulation model with msfc/boeing	1967
19790072038	Manned lunar program options - mission equipment	1967
19790072039	Trip report - earth orbital experiments status review, msc, 4 october 1967	1967
19790072040	Optical technology experiment system steering group meeting, gscf - 17-18 october 1967	1967
19790072041	A lunar exploration program	1967
19790072042	The 1975 mars-venus ballistic dual-planet flyby memorandum report	1967
19790072043	Interaction of space probes with planetary atmospheres - 2	1967
19790072046	Effects of mission mode and crew size on weight-in-earth-orbit for a mars landing mission	1967
19790072048	App-a integration with aap 1969 missions	1967
19790072049	Some effects of decreasing the launch window duration for apollo lunar missions	1967
19790072052	Apollo applications program lunar surface mission planning. volume 2 - supplementary and detailed studies study report	1967
19790072165	Manned Venus Flyby	1967
19790072224	Launch vehicle error analysis for Apollo/Saturn 501	1967
19790072259	Ascent of Mars Surface Sample Return (MSSR) probe: Delta-V requirements	1967
19790072260	First lunar landing mission description MSF review presentation November 22, 1966	1967
19790072261	An investigation of a simplified TLI hypersurface representation	1967
19790072268	Trip report: Surveyor/Orbiter Utilization Committee, Lunar Orbiter D Mission at JPL, February 9, 1967	1967
19790072269	Technical discussion at Jet Propulsion Laboratory and Ames Research Center	1967
19790072270	Orbital inclination requirements: Applications A mission	1967
19790072271	Existence of a favorable 1976 dual-planet ballistic flyby	1967
19790072272	Direct-ascent trajectories for lunar missions	1967
19790072273	System hold and recycle capability for the first lunar landing mission; part 11	1967
19790072274	Rationale for the use of a planetary mission module as an earth orbit mission module	1967
19790072275	Exposure decisions for a lunar flyby contingency mission	1967
19790072276	Possible use of flares to relax lighting constraints for lunar landing	1967
19790072277	Proposed sites for orbiter Mission 5: A preliminary report	1967
19790072278	AAP experiment assignments	1967
19790072279	Families of 1977 triple-planet flybys	1967
19790072280	CSM requirements for extended lunar missions	1967
19790072281	The Surveyor 3 mission and its relation to Apollo	1967
19790072283	Trip report: Report by Martin Company on AAP tethering study, 19 May 1967	1967
19790072285	Applications of area correlation tracking to planetary flyby subsystems and experiments	1967
19790072286	The 1975 Venus lightside flyby-ascent of Venus Surface Sample Return (VSSR) probe, Delta V requirements	1967
19790072287	Requirements to change planetary mission Delta periapsis altitude	1967
19790072288	The existence of a 1981 triple-planet ballistic flyby	1967
19790072289	MSSR/MEM commonality	1967
19790072290	Objectives in the exploration of the solar system	1967
19790072291	The effects of changing the launch azimuth limits on the launch window, launch vehicle payload, and communications and tracking coverage	1967
19790072292	Orbital altitude considerations for AAP-4	1967
19790072293	The influence of earth launch and lunar lighting constraints on the Apollo mission	1967
19790072295	The 1975 Venus lightside flyby trajectory of spacecraft and probes	1967
19790072296	Implications of lower orbital altitudes LM separation	1967
19790072297	Potential lunar landing capability of Apollo	1967
19790072298	AAP-3/AAP-4 bias momentum accumulation and rcs propellant expenditure resulting from a non-uniform atmospheric density	1967
19790072299	Interim mission sequence plan for the encounter portion of the 1975 manned mars flyby mission	1967
19790072300	Spacecraft presentation-AAP lunar mission ad hoc study team	1967
19790072301	Preliminary design of a cryogenic planetary propulsion module	1967
19790072305	Summary of apollo 4 /as-501/ spacecraft impact points	1967
19790072306	Preliminary considerations of Venus exploration via manned flyby	1967
19790072307	Determination of lunar flying vehicle range and payload capabilities for mission planning purposes - Case 720	1967
19790072340	Potential use of the CSM for lunar orbital mission work	1967
19790072341	Verification of the existence of the 1978 triple-planet flyby opportunity - case 720	1967
19790072342	Discussion of the stac question regarding implications of a plane change restriction at um ascent	1967
19790072343	Simulation of saturn v launch to earth orbit with a hohmann transfer and s-ivb circularization	1967
19790072344	Constraints on the apollo earth orbital timeline	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072345	Saturn 5 performance capability for high altitude earth orbital missions	1967
19790072346	Velocity requirements for direct launch from ksc to a circular polar orbit 100 nautical miles high	1967
19790072355	Reduction of look angle sensitivity to altitude updates during lm descent visibility phase	1967
19790072442	Anomalies in the Apollo entry guidance program	1967
19790072444	Surface temperatures, accelerations and loads encountered by spherical bodies entering from near-earth orbits	1967
19790072445	Comparisons of circular and elliptic orbit rendezvous for manned planetary flyby missions	1967
19790072447	Capabilities of the entry guidance equations for earth orbital speed entry	1967
19790072448	Effects of solar and lunar gravity on lifetime of earth parking orbits	1967
19790072449	STAC action item: Discussion of sun-synchronous orbits and their applications	1967
19790072479	Midcourse correction penalties due to expected translunar injection deviations	1967
19790072480	Midcourse correction penalties due to expected translunar injection deviations as a function of earth parking orbit stay time	1967
19790072482	Trip report - trw final presentation aap prelaunch operations analysis	1967
19790072483	Alsep operations at ksc	1967
19790072485	Goss augmentation study - alsep and aap unmanned cluster periodic support requirements	1967
19790072486	Comparison of the communications and tracking coverage provided by apollo injection ships and land stations	1967
19790072487	Manned lunar program options - mission equipment	1967
19790072539	Proposed application of the Boeing operations analysis to MSFC to the question of implementing extended pad hold capability for initial lunar missions	1967
19790072540	Trip report: Discussions with General Electric on assembly/sterilizer facility contracts	1967
19790072541	LC 34 pad egress provisions for future manned flights	1967
19790072542	KSC/CIF ADP planning for SC operations documentation	1967
19790072543	Failure impact and backup capability of Saturn launch support ESE at KSC	1967
19790072545	AS 258 launch operation constraints	1967
19790072546	Results of the Local Scientific Survey Module (LSSM) design studies	1967
19790072547	Extension of lunar flying vehicle study to include ascent capability case 330	1967
19790072548	Lunar surface models for Apollo	1967
19790072549	Margin allocation on extended LM lunar missions	1967
19790072550	Influence of space vehicle returns to the VAB on lunar launch opportunities	1967
19790072553	Lunar surface mobility systems for lunar exploration	1967
19790072554	A proposal for a new LM window/RCS plume residue experiment	1967
19790072563	Mobility requirements for AAP lunar surface missions	1967
19790072564	Quarterly progress report, april - june 1967	1967
19790072565	Trip report - boeing, huntsville, alabama, september 1, 1967	1967
19790072566	A possible mariner mars lander probe	1967
19790072567	Trip report - chrysler "saturn 1b improvement study" review briefing at manned space flight center, huntsville, alabama on september 7, 1967	1967
19790072568	Magnetic moments and torques on the aap cluster configuration	1967
19790072569	Saturn 5 hold limitations and short recycle requirements during terminal countdown	1967
19790072570	Automation of launch vehicle checkout-as-501	1967
19790072571	Relative lift-off conditions of titan 3-c and saturn 5, and the effects of programmed attitude control	1967
19790072653	Description of the S-IC stage structure	1967
19790072654	Saturn 5 EDS effectiveness study	1967
19790072655	Discussion of J-2 specific impulse performance improvements on mission planning	1967
19790072656	Saturn 5 launch vehicle engine-out and ground wind structural capability	1967
19790072657	Venus lander probe for manned planetary missions	1967
19790072658	Modified Saturn launch vehicles for AAP earth orbital missions	1967
19790072659	Interaction of space probes with planetary atmospheres, 1	1967
19790072660	S-IB quarterly review	1967
19790072661	Summary review of data relay satellite system program	1967
19790072662	Updated Saturn 1 and Saturn 5 configuration difference charts	1967
19790072663	Comparison of payload capability of the updated Saturn I with orbits of unmanned satellites	1967
19790072664	Investigation of payload effect of canting the S-IC engines	1967
19790072665	Description of S-2 stage structures	1967
19790072680	Eleventh meeting of extra-vehicular activity task force at msc trip report	1967
19790072681	Eleventh meeting of the eva task force at msc, october 11, 1967 and discussions with crew systems division on eva development	1967
19790072712	Methods for docking the LMSS payload module to the multiple docking adapter	1967
19790072722	Mit software schedules	1967
19790072723	A potential nodal regression problem in the aap-3/aap-4 dual-rendezvous mission case 610	1967
19790072724	A study of methods of augmenting cross-product steering with direct control of out-of-plane position errors - csm transearth injection	1967
19790072725	Coverage for an updated saturn 1 provided by the msfn for a launch on a 46 deg launch azimuth	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072726	S/c 101 software faci	1967
19790072779	Evaluation of space navigation techniques for manned mars flyby mission	1967
19790072782	The development and implementation of the cross product guidance equations	1967
19790072785	Communications and tracking for first four missions of the Apollo applications program	1967
19790072788	Laser guided lunar landing	1967
19790072789	A study of methods of augmenting cross-product steering with direct control of out-of-plane position errors - CSM transearth injection	1967
19790072790	Studies of solar orientation for APP-1/APP-2	1967
19790072796	Planetary spacecraft weight estimates	1967
19790072797	Trip report - north american presentation on aap-1a study, msc, october 13, 1967 - case 620	1967
19790072798	Csm 101 Cdr summary report - case 320	1967
19790072800	A monte carlo analysis of scs delta v mode powered flights on the transearth leg of an apollo lunar mission	1967
19790072801	Highlights of crew safety related conferences held at msc on october 19-20, 1967	1967
19790072802	Apollo spacecraft acoustical environment	1967
19790072803	Plasma radiation shielding of spacecraft	1967
19790072804	Atm vibration and acoustics measurements	1967
19790072805	Dependence of aap-3 payload on s-ivb second mixture-ratio shift time	1967
19790072806	Weight estimates of common mission module structure - case 730	1967
19790072807	A rationale and guidelines for the development of a lunar flying unit for lunar exploration	1967
19790072819	Performance status for missions aap-1/aap-2 and aap-3/aap-4	1967
19790072938	Weight analysis for single launch AAP orbital workshop missions	1967
19790072939	Performance status for missions AAP-1/AAP-2 and AAP-3/AAP-4	1967
19790072940	Provision of command module engineering mock-up at KSC	1967
19790072943	CSM RCS requirements for inertial holds of the orbital assembly	1967
19790072948	Magnetic and/or electrostatic shielding of spacecraft	1967
19790072950	Trip report: Preliminary Design Review (PDR) of the S-IVB workshop, MSFC, 8-10 May 1967	1967
19790072951	Trip report: Second GP/D Subpanel Meeting, MSFC, 15 June 1967	1967
19790072952	Accumulation of momentum and CMG loading for two cluster configurations	1967
19790072953	Implications of spacecraft 011 flight results on the credibility of RCS propellant consumption predictions	1967
19790072955	Sizing of a high performance cryogenic stage for manned flyby missions	1967
19790072956	Trip report: Fourth AAP Mission Requirements Panel Meeting	1967
19790072957	Supplementary heating requirements for an S-IVB Workshop with inertial or gravity-gradient stabilization	1967
19790072958	AAP-1/AAP-2 configuration data for solar orientation implementation studies - case 600-3	1967
19790072959	Nonmetallic materials program status	1967
19790072961	Powering-down the Apollo command module in an emergency	1967
19790072962	Powered flight transition matrices for SCS delta V mode transearth injection	1967
19790072963	Tethered LM/ATM modes for AAP 3/4	1967
19790072995	Two-stage vehicle optimization	1967
19790072996	Preliminary sizing of a Mars excursion module ascent capsule based on Mercury spacecraft design	1967
19790072997	Working note - instrumentation, command module drop tests - case 320	1967
19790073015	S-ivb quarterly report - case 320	1967
19790073016	The effect of venting and leakage on aap cluster attitude control propellant requirements	1967
19790073060	Sixteenth S-IVB stage project review, Douglas Aircraft Company, 17 January 1967	1967
19790073061	A description of the S-IC stage propellant and propellant pressurization systems	1967
19790073062	S-IVB/J-2 engine restart	1967
19790073063	Technical development of toroid bi-propellant containers: Discussions with H. Wuenscher, director, manufacturing engineering laboratory, MSFC	1967
19790073064	Description of S-2 stage systems	1967
19790073065	S-4B restart requirements	1967
19790073074	Trip report - m-6 flammability mockup review /trrb number 4/ october 19, 1967	1967
19790073075	The contribution of apollo combustion	1967
19790073076	Trip report - msc, apollo cm cabin /bp-1224/ combustion propagation test - december 21, 1967	1967
19790073102	Leak detection by infrared photography	1967
19790073106	Trip report - ECS tubing joints, North American Aviation, SID	1967
19790073111	Redesign of the lm s-band steerable antenna mounting	1967
19790073112	Direct radar determinations of spacecraft/planet ranges on manned planetary missions	1967
19790073113	The use of emphasis in the apollo csm and lm usb tv modes	1967
19790073114	Possible msfn solution to loss of bit synchronization in lm pcm telemetry	1967
19790073115	Nasa use of the vhf telemetry band in the post 1970 time period	1967
19790073116	Review of proposed communication system for the experiment carrier module for aap mission 1a	1967
19790073117	Derivation of the apollo unified s-band communication system pseudo-random range code spectrum	1967
19790073121	Ksc operational intercommunication system performance during apollo 4 mission as monitored at mcc-h	1967
19790073123	Observed performance of the operational intercommunication system ois/rf/ during prelaunch tests and countdown of apollo 4	1967
19790073226	The flow of data in advanced manned missions	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073231	Unified S-band circuit margins for the high-altitude phase of mission AS-501	1967
19790073232	Transmittal of Bell Telephone Laboratories memorandum on modifications to the voice conferencing arrangements at KSC	1967
19790073233	Summary of the data links from the Apollo applications spacecraft to the manned space flight network for AAP missions	1967
19790073234	Communications processor loading studies CCATS at MCC-H UNIVAC 494 algorithm	1967
19790073237	LM-earth s-band communications for powered descent and ascent phases of the lunar mission	1967
19790073238	MSC review requirements and expected performance of communications systems for the Apollo spacecraft on 25 September 1967	1967
19790073239	Communications for long duration earth orbital missions	1967
19790073240	Optimization of discrete communication rates	1967
19790073294	Status of type-3N90 transistor problems encountered in LM instrumentation	1967
19790073295	Second AAP electrical panel meeting	1967
19790073297	Oral report by Bell Telephone Laboratories on the addition of 4-wire circuits to the operational intercommunication system at KSC	1967
19790073299	A statistical analysis of the operation of a bandpass limiter-phase detector - Video filter cascade	1967
19790073309	Trip report - progress review of alsep tidal gravimeter experiment at the university of maryland	1967
19790073347	Analysis of spectral effects on lunar orbiter exposures	1967
19790073348	Photographic experiments for manned Mars flyby	1967
19790073349	Slewing of telescope line of sight to increase photographic coverage on manned planetary flyby mission	1967
19790073353	ALSEP lifetime and current timer design Case 340	1967
19790073375	ALSEP heat flow experiment method of gradient measurement	1967
19790073376	Mission planning for lunar orbiter E Power and illumination constraints	1967
19790073377	Optical data processing and terrain-hazard analysis of lunar orbiter photographs	1967
19790073378	Feasibility of a lunar orbital multispectral photography experiment from the CSM	1967
19790073379	Lunar Orbiter I exposure determination	1967
19790073380	Lunar Orbiter III exposure determination	1967
19790073392	Availability and reliability of some models of the RTCC	1967
19790073393	Fracture mechanics aspects of circumferential versus longitudinal welds in s-2 lh2 tank	1967
19790073401	MSC spacecraft pressure vessel testing policy	1967
19790073426	What is and why do we need ground truth?	1967
19790073427	Diagnostic observation of lunar surface accidents	1967
19790073436	Role of the orbital mission remote sensors in a lunar exploration plan	1967
19790073437	Lm/atm electrical power system	1967
19790073464	Block II fuel cell First Article Configuration Inspection (FACI)	1967
19790073465	AMDA/OWS solar array power system capability inertial orientation	1967
19790073466	Review of the ATM electrical power system	1967
19790073474	The earth's magnetic field	1967
19790073493	Data generated by experiments on aap flights 1a through 4	1967
19790073521	Behavioral aspects for consideration in long duration space flights	1967
19790073522	Materials presentation at september apollo program office review	1967
19790073523	Gsm 101 deltacr, environmental control system review	1967
19790073524	Trip report - attendance at hazardous egress and evacuation working group meeting, september 26, 1967	1967
19790073596	Cabin atmosphere in the AAP Cluster spacecraft	1967
19790073597	AiResearch block II ECS critical design review, January 3-6	1967
19790073599	The optional task simulator: A method for evaluating hierarchical schedule of astronaut tasks	1967
19790073602	Discussion with MSC on environmental control system tubing joints	1967
19790073603	Status of crew safety impact of certain Saturn 5 failures during s-1c flight	1967
19790073604	An approach to the development of human standards for manned space flight	1967
19790073605	Oxygen enrichment of the CM atmosphere from on-board supplies	1967
19790073606	Potential requirements for Apollo crew alternate oxygen system	1967
19790073607	Functional requirements and timeline constraints for cabin atmosphere evaluation, Apollo Saturn 5	1967
19790073608	Trade-off factors affecting the method of charging the CM atmosphere from air to oxygen in flight	1967
19790073609	Atmospheric contamination in the AAP cluster due to gaseous products of human metabolism	1967
19790073610	Consumables operational limits of an extended duration flight on mission AS-204	1967
19790073611	A parametric study on the use of diluent gases as a means of extinguishing spacecraft fires in flight	1967
19790073612	Apollo CM- analysis of couch impact attenuator stroke required for water landing	1967
19790073616	Third annual conference on atmospheric contamination in confined spaces	1967
19790073617	An intermediate solution to the life support problem - Case 730	1967
19790073622	Apollo prelaunch cabin atmosphere - A summary of requirements and constraints, options and trade-offs	1967
19790073643	Memory requirements for the Launch Vehicle Digital Computer (LVDC)-case 330	1967
19790073644	Launch Vehicle Digital Computer (LVDC) requirements for the Apollo Applications Program	1967
19790073647	Msf computer utilization study final report	1967
19790073660	Configuration management of computer programs	1967
19790073661	Statistical Error Analysis Program Documentation	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073671	Surveyor and LM penetration in a model lunar soil	1967
19790073672	A BCMSYS program for generating flowcharts	1967
19790073699	Discussion of final presentation of phase 2 Lockheed nuclear stage study	1967
19790073700	Radioisotopic heat sources for space power application	1967
19790073709	Limitations on angular resolution of optical telescopes	1967
19790073710	Trip report - conference at Cornell Aeronautical laboratories on optical spatial filtering techniques	1967
19790073714	Radiation effects in the optical elements of the Apollo astrosextant and scanning telescope	1967
19790073715	Lm program management meeting	1967
19790073745	Trip report: LM/ATM task team status meeting	1967
19790073746	Meeting report: Needs of the Apollo program for lunar orbiter support	1967
19790073747	CSM program management review at North American Aviation, 16 January 1967	1967
19790073760	Atm film weight requirements	1967
19790073791	Earth shadow analysis for the lunar mission	1967
19790073797	Iau symposium no. 33 physics and dynamics of meteors tatranska lominca, czechoslovakia, september 4-9, 1967	1967
19790073798	The use of spent stages as seismic sources for lunar seismological experiments	1967
19790073799	Extending the observation of jupiter's decametric radio emission	1967
19790073869	Apollo Lunar Sample requirements	1967
19790073870	The meteorological and aeronomical aspects of planetary encounter missions. 1: Mars	1967
19790073871	Planet illumination during manned planetary encounter missions	1967
19790073872	Lunar coordinate systems	1967
19790073873	Surveyor penetration in a model lunar soil	1967
19790073918	Manned lunar program options mission modes	1967
19790073919	Lunar surface coordinate data for Apollo guidance	1967
19790073920	Requirements for an improved ALSEP for the lunar exploration program	1967
19790073921	Lunar orbiter mission V - Potential AAP LANDING sites	1967
19790073922	Unmanned entry into the Venusian atmosphere	1967
19790073925	Solar wind radiation doses	1967
19790073926	Recent measurements of the solar oblateness and their implications for the Einstein theory of general relativity	1967
19790073927	Statistical characteristics of solar proton events	1967
19790073930	Accuracy of trapped radiation dose estimates	1967
19790073931	Radiation film fogging in earth-orbital space stations	1967
19790073944	Variation in radiation dose rate with altitude and shielding thickness at orbits near synchronous	1967
19790073945	Radiation doses in lunar orbit	1967
19790074080	Infrared studies of atmospheric gases	1967
19790074176	Analysis of errors in targeting an atmospheric entry probe for impact on Mars	1967
19790074194	Quick-look comments on proposed powering down procedure	1967
19790074275	Effects of High-Pressure Hydrogen on Storage Vessel Materials	1967
19790074531	Effects of igniter and motor characteristics on the ignition transient of a solid rocket engine: Computer predictions and test firings	1967
19790074734	On-line file manipulation and display system	1967
19790075271	AS-503 software	1967
19790075272	Trip report: Third Ad Hoc Working Group Meeting on Extra-Vehicular technology and in-space maintenance	1967
19790075458	Proposal for a tool, bolt removal, space to George C. Marshall Space Flight Center, National Aeronautics and Space Administration. Folder 1: Technical proposal and program plan	1967
19790075656	LM abort guidance software	1967
19790075731	Trip report: Design status review of Allis-Chalmers fuel for Apollo applications, 20 July 1967	1967
19790075735	Trip report: AAP Airlock Module (AM) Monthly Management Meeting	1967
19790076631	Gemini Program Mission Report Gemini 12	1967
19790076787	Gemini 11 inertial guidance system evaluation and trajectory reconstruction	1967
19790076788	Gemini 10 inertial guidance system evaluation and trajectory reconstruction	1967
19790076791	Guidance system operations plan for unmanned LM earth orbital missions using Program SUNBURST, Section 7 - G and N error analyses	1967
19790076807	Gemini GT-7 ascent post flight analysis report and GT-7/6 re-entry mission reconstruction report	1967
19790077009	Gemini program corrective action listing Gemini 1 through 12	1967
19790077116	Apollo reliability and quality assurance program Quarterly status report	1967
19790080108	Re-entry F spacecraft structural mechanics stage 3 release	1967
19790084746	Operator performance in real time target acquisition	1967
19790086450	Hypersonic heat transfer and cooling program /U/	1967
19790086452	U.S. Navy Accident Statistics-Calendar Year 1966	1967
19790086459	CY 1966 advanced ramjet concepts program /U/ Monthly progress report no. 10, 1-31 Jan. 1967	1967
19790086460	CY 1966 advanced ramjet concepts program /U/ Monthly progress report no. 9, 1-31 Dec. 1966	1967
19790086462	Dual mode scramjet /U/ Monthly letter progress report, Jan. 1967	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086464	Advanced ramjet concepts program /U/ Progress report, 1-28 Feb. 1967	1967
19790086465	Advanced Ramjet Concepts Program /U/ Progress report, 1-31 Mar. 1967	1967
19790086466	Scramjet combustor scientific technology /U/ Quarterly report	1967
19790086467	Hypersonic ramjet propulsion program /U/ Monthly progress report, May 1967	1967
19790086468	Hydrocarbon scramjet feasibility program /U/ Progress report, Mar. 1967	1967
19790086469	Penetration radar /Penrad/, phase 3 /U/ Final technical report, 1 Jun. 1965 25 Oct. 1966	1967
19790086483	Stability characterization of advanced injectors /U/ Quarterly progress report, 1 Mar. - 1 Jun. 1967	1967
19790086484	Liquid propulsion technology /U/ Quarterly status report, Apr. - Jun. 1967	1967
19790086485	Experimental and analytical investigation of chemical nonequilibrium losses in fluorine-hydrogen rocket engines /U/	1967
19790086488	Scramjet thermal projection program /U/ Progress report, 1-30 Apr. 1967	1967
19790086489	Development study of combustible composite materials for falling mass hazard neutralization /U/	1967
19790086494	Ignition studies /U/ Final report	1967
19790086495	Evaluation of the usefulness of the MOL to accomplish early NASA mission objectives, volume 2 - Technical report - Book 2 /U/	1967
19790086498	Digital data communication set AN/ASW-27 // /U/ Interim engineering report, 8 Aug. 1966 - 1 Mar. 1967	1967
19790086499	Method for predicting pump cavitation performance	1967
19790086500	Design and development of distance measuring device /U/ Summary report, Apr. 1964 Aug. 1965	1967
19790087128	Re-entry data report - WSMR test Athena 70 /31 March 1967/ /U/	1967
19790087134	Minuteman Flight Test Report, 4 May 1967	1967
19790087135	Minuteman flight test report. FTM 800 "Glowing Bright 42" /12 July 1967/ LGM-30B follow-on operation test launch no. 46 - Wing 2 WS-133A /U/	1967
19790087136	MINUTEMAN FLIGHT TEST REPORT, 23 MARCH 1967	1967
19790087137	GLOW data analysis report high altitude from AB01 vehicle /U/	1967
19790087138	Synthetic spectrum satellite observation program /U/ Quarterly report, 15 Mar. 15 Jun. 1967	1967
19790087139	FTM 2445 "Olympic Trials 4" /21 Oct. 1967/ LGM-30F special test launch number 4 - Wing 6 WS-133B /U/ Minuteman flight test report	1967
19790087140	Re-entry data report - WSMR test Athena 86 /U/	1967
19790087141	FTM 1028 Glowing Bright 51 /14 Nov. 1967/ LGM-30B follow-on operational test launch no. 52 - Wing 3 /U/ Minuteman flight test report	1967
19790087142	Reentry data report - WTR number 0846 /14 October 1967/ /U/	1967
19790087145	Re-entry data report WSMR 60 /11 November 1966/ /U/	1967
19790087147	Design, fabrication, and test of an integrated sensor controller /U/ Final report	1967
19790087153	Controllable infrared flares /U/ Final report, 29 Sep. 1965 - 29 Jun. 1966	1967
19790087156	Application of three-dimensional reinforced plastic-composites for the integrated wall heated shield-substructure of hardened reentry vehicles /U/ Quarterly progress report, 15 Dec. 1966 - 15 Mar. 1967	1967
19790087157	Research on low vaporization and low surface temperature ablative material /U/ Quarterly progress report, 1 Feb. - 30 Apr. 1967	1967
19790087166	Investigation of nonequilibrium flow effects in hydrogen fluorine rocket nozzles /U/ Annual technical report no. 2, 10 Aug. 1966 - 9 Nov. 1967	1967
19790087171	Radar reflector design and evaluation /U/ Final report, 15 Mar. 1966 - 15 Mar. 1967	1967
19790087172	ECM feasibility flight test program, volume 1 /U/ Final report	1967
19790087173	ECM feasibility flight test program, volume 2 /U/ Final report	1967
19790087174	Synthetic spectrum satellite observation program /U/ Quarterly report, 16 Sep. - 15 Dec. 1967	1967
19790087177	Some effects of ablation on the nonplanar motions of slender entry bodies /U/	1967
19790087178	Six channel signal recognition system /U/ Final report supplement	1967
19790087179	RESEARCH AND DEVELOPMENT ON A SILICON INTEGRATED NOISE MODULATOR	1967
19790087180	Air radiation from RMV-310 /U/	1967
19790087181	Re-entry data report - WSMR test Athena 58 /8 November 1966/ /U/	1967
19790087183	Re-entry data report - WTR number 8038 /11 September 1967/ /U/	1967
19790087184	Re-entry data report - WSMR test Athena 75 /14 April 1967/ /U/	1967
19790087185	Re-entry data report - WSMR test Athena 72 /31 March 1967/ /U/	1967
19790087186	Re-entry data report - WSMR test Athena 65 /3 March 1967/ /U/	1967
19790087187	Reentry data report - WSMR test Athena 67 /U/	1967
19790087189	A method of predicting the permanent deformation of heated wires /U/	1967
19790087190	A brief survey of upper air spectra /U/	1967
19790087191	Missile B-81 "Glamor Girl" /12 April 1967/ LGM-25C 63-7736 test launch no. 7995 WS-107C /U/	1967
19790087192	Minuteman flight test report. FTM 757 "Buggy Road" /1 June 1967/ LGM-30B cold/ heat soak test to launch no. 1 - Wing 2 WS-133A /U/	1967
19790087193	FTM 1222 "Glowing Bright 46" /6 September 1967/ LGM-30B follow-on operational test launch no. 48 - Wing 5 WS-133A /U/ Minuteman flight test report	1967
19790087194	FTM 1126 "Glowing Bright 40" /5 July 1967/ LGM-30B follow-on operational test launch no. 45 - Wing 2 WS-133A /U/ Minuteman flight test report	1967
19790087201	BLIP radiometer measurements - SOLE Site, Holloman AFB, New Mexico /U/ Final field test report, Oct. - Dec. 1966	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087202	Non-resolving optical recognition techniques /U/ Final report, 31 Dec. 1965 - 19 Mar. 1967	1967
19790087258	Extension of IU lifetime to 72 hours	1967
19790087596	Critique of the Apollo guidance system design	1967
19790087800	Flow through micro-openings	1967
19790087861	Low altitude test 1.0. Supplement 1 Minimum terrain clearance /U/	1967
19790087864	Spectroscopic data report - WTR number 2946 /U/	1967
19790087867	Propulsion development department review. Part 3 - Warhead development /U/ Quarterly report, Jan. - Mar. 1967	1967
19790087868	MINUTEMAN FLIGHT TEST REPORT /U/ MARCH 1967	1967
19790087872	Antiballistic missile space radar /U/	1967
19800070039	A non-orthogonal gyro configuration	1967
19800073450	Ionosphere influence of the proton gyrofrequency upon the response of an antenna to the plasma frequency	1967
19800073468	The V X B interaction of a satellite with its environment	1967
19800074278	Heat pipe application for spacecraft thermal control	1967
19800075795	Evaluation of coatings for cobalt-and nickel-base superalloys	1967
19800077364	Advanced linebacker flight path system, Kaiser part number 25695-9	1967
19800078103	A catalogue of publications issued by trials department, instrumentation department, instrumentation and ranges department	1967
19800078791	Terminal Guidance Test Laboratory study, volume 2, book 2 (U)	1967
19800078793	Terminal Guidance Test Laboratory study (U)	1967
19800078794	Terminal Guidance Test Laboratory study (U)	1967
19800078795	Terminal Guidance Test Laboratory study (U)	1967
19800078796	Terminal Guidance Test Laboratory study (U)	1967
19800078804	Terminal Guidance Test Laboratory study (U)	1967
19800078810	Terminal Guidance Test Laboratory study. Appendix A and B (U)	1967
19800080991	Effect of specimen type and crack orientation on fracture toughness	1967
19800081794	Performance of Stainless Steel Foil Insulation in a Helium Atmosphere	1967
19810066212	Studies of ionospheric absorption	1967
19810066691	Evaluation of laminated porous material for high-temperature air-cooled turbine blades	1967
19810068281	An investigation of solar emission at frequencies of 35, 70, and 94 Gc with a4.88-meter diameter telescope	1967
19810068325	Electrostatic probes for ISIS-A Satellite	1967
19810069953	Selected shop techniques	1967
19810071479	Investigation of the formation and behavior of clogging material in earth and space storable propellants	1967
19810074791	Fundamental leveling networks (U)	1967
19820065431	Report to Congress from the President of the United States: United States aeronautics and space activities, 1967	1967
19820066877	Supplemental NATOPS flight manual Navy model F-8C aircraft	1967
19820066912	Study of in situ degradation of thermal control surfaces	1967
19820066913	Study of in situ degradation of thermal control surfaces	1967
19820067518	Hypersonic Aircraft Technology Conference. Program and slides	1967
19820070910	Analysis and experimentation for discrete implementations of control networks using integrated circuitry	1967
19820071209	Sequential machine realization of S Domain functions	1967
19820071953	Thermal comfort and tolerance design criteria	1967
19820079050	Etched Ge:Hg detector subarrays for a staggered linear array (U)	1967
19820079061	Some observations on infrared reconnaissance in Southeast Asia (U)	1967
19830070795	Principles of operation of the vacuum probe microbiological sampler	1967
19830071857	A qualitative description of the command module repeater system for the ST124-M stabilized platform as used in Saturn 1B and Saturn V vehicles	1967
19830071954	Cooling Tower performance curves	1967
19830079971	Lunar module guidance navigation and control system (U)	1967
19830079972	The human pilot neuromuscular system as an actuator (U)	1967
19830079973	Redundant automatic flight control actuators (U)	1967
19830079974	Guidance and control of the US Army medium antitank/assult weapon (U)	1967
19830079975	Redeye weapon systems and application (U)	1967
19830079977	Application of linear optimization techniques to flexible launch vehicle flight control (U)	1967
19830079978	Digital simulation and design of a combined automatic and manual trautomatic and manual terrain avoidance system (U)	1967
19830079979	Modern trends in terrain following (U)	1967
19830079982	Remarks on the impact of handling qualities specification revisions on automatic flight control systems (U)	1967
19830079983	A low altitude control concept for US Army rotary wing aircraft (U)	1967
19830079984	Digital flight control computer (U)	1967
19830079985	An introduction to hover dynamics (U)	1967
19830079986	C-5A flight controls (U)	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830082684	Exoatmospheric Chaff techniques program (U)	1967
19840067073	Suburban optical test facilities building criteria	1967
19840067074	Six-degree-of-freedom analysis of lifting entry vehicle terminal landing. Volume 2: Computer program LIFT user's manual	1967
19840067142	Development of new mathematical techniques for biosignal analysis	1967
19840067161	Process techniques study of integrated circuits	1967
19840067340	Optical tracking systems	1967
19840067341	Application of optimum estimation and control theory to optical tracking problems	1967
19840067388	Modern celestial mechanics	1967
19840069567	Optical Technology Experiment System (OTES). Phase 2: LMSC input	1967
19840070904	Computer program WHAM for calculation of pressure, velocity, and force transients in liquid filled piped networks	1967
19850070037	Effect of radiation on the stability of silicon nitride and metal nitride semiconductor FET devices	1967
19850079210	High pressure hydrogen permeability of metals at room and medium temperatures	1967
19860065978	Study of gain-to-noise temperature improvement for Cassegrain antennas	1967
19860066327	The dynamics of multiple body systems	1967
19860066932	The Use of Langmuir Probes in Diagnosing Ionized Flow Fields	1967
19860067231	An analytical investigation for the application of structural concepts to hypersonic inlet configurations	1967
19860067995	Inter-agency flexible wing technology meeting	1967
19870067152	A study of composite propulsion systems for advanced launch vehicle applications. Extension phase, volume 1	1967
19870067153	A study of composite propulsion systems for advanced launch vehicle applications. Extension phase, volume 2	1967
19880069004	Simulator for obtaining movements within six degrees of freedom	1967
19880069200	Development of a Subsurface Drill System for Post-Apollo Missions	1967
19880071021	An analytical investigation for the application of structural concepts to hypersonic inlet configurations	1967
19880071023	An analytical investigation for the application of structural concepts to hypersonic inlet configurations	1967
19880071024	An analytical investigation for the application of structural concepts to hypersonic inlet configurations	1967
19880071025	An analytical investigation for the application of structural concepts to hypersonic inlet configurations	1967
19880073076	Study of advanced air breathing launch vehicles with cruise capability. Volume 1: System analyses (U)	1967
19880073077	A study of advanced airbreathing launch vehicles with cruise capability (U)	1967
19890068016	The reconstruction of the assemblage of mineral deposits of the moon	1967
19890068141	Investigation of stress corrosion cracking of titanium alloys	1967
19890068666	National Aeronautics and Space Administration Technology Utilization Program	1967
19890068715	Research and development study on DC to DC Converter Engineered Magnetics Model EMCR131A	1967
19900066185	The Aerospike Rocket Engine. Concept, Performance, Design, and Operation Data. Liquid Oxygen: Liquid Hydrogen Propellants 250- to 500-KLBF Vacuum Thrust Class	1967
19900066636	The Space Radiation Effects Laboratory	1967
19900066736	Interplanetary gas. 13: Gross plasma velocities from the orientations of ionic comet tails	1967
19900066817	Temperature and composition of the Martian atmosphere	1967
19900066960	Long range program of systematic geologic exploration of the moon	1967
19900068103	Design and analysis of lightweight thermal protection systems	1967
19900068926	Hydrogen tankage application to manned aerospace systems	1967
19910072457	An advanced analytical program for charring ablators. Volume 1: Analytical formulation, data interpretation and flight simulation	1967
19910072458	An Advanced Analytical Program for Charring Ablators	1967
19910072518	AIAA/NASA/VARC Seminar for University Research Using Sounding Rockets, Balloons, and Satellites	1967
19910072519	University and college participation in the Space Sciences Program	1967
19910072520	Administration of NASA grants and contracts for university research	1967
19910072521	Instrumentation and support systems for sounding rockets	1967
19910072522	Sounding rocket vehicles and launch operations	1967
19910072523	The role of high altitude balloons in space research	1967
19910072524	Research on small satellites	1967
19910072525	Auroral studies with sounding rockets	1967
19910072526	Ionospheric studies with sounding rockets	1967
19910072527	Rocket-sonde	1967
19910072586	X-ray emission from oscillating degenerate stars	1967
19910072604	Thermodynamic quantities for a gas of transverse plasmons	1967
19910072676	The structure of the Martian atmosphere	1967
19910073992	Life sciences publications	1967
19930074834	Technical facilities capability catalog	1967
19930075294	An evaluation of gaskets, seals, and joints for aerospace hardware	1967
19930078748	Pioneer 6 mission	1967
19930078749	Study of trajectories and upper-stage propulsion requirements for exploration of the solar system	1967
19930080242	The Research Compressible Flow Facility. Part 1: Design	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19940004379	Saturn 5 launch vehicle guidance equations, SA-504	1967
19940004623	Study of thermal radiation, particle impingement heating, and flow field analysis of solid propellant rocket exhausts	1967
19940004635	Experimental and analytical evaluation of the Apollo thermal protection system under simulated reentry conditions. Part 2: Analysis of results	1967
19940004636	Experimental and analytical evaluation of the Apollo thermal protection system under simulated reentry conditions. Part 1: Program description and presentation of results	1967
19940039940	Some developments in aerofoil theory	1967
19960024306	The 12th Annual Space and Military Applications of Cellular Plastics Systems Conference	1967
19960026546	Regional Technical Conference on Reinforced Plastics: New Frontiers 1967	1967
19960028668	Proceedings of the 7th Electrical Insulation Conference	1967
19970022339	Exercise and Water-Electrolyte Balance	1967
19990041999	Data Conditioning and Display for Apollo Prelaunch Checkout: Test Matrix Technique	1967
19990054442	Application of the Statistical Theory of Extreme Values to Ground Wind Loads on the Atlas Space Launch Vehicle	1967
20020007875	Performance Characteristics of the Code E-232 Diesel Engine	1967
20040075610	Experimenter's Design Handbook for the Manned Lunar Surface Program	1967
20050157916	Advanced Engine Design Study, Bell (AEB): Final Report Presentation	1967
20050159697	350K Liquid Hydrogen Turbopump	1967
20050160243	Mission Engineering Study of Electrically Propelled Manned Planetary Vehicles	1967
20050165715	Second Review Briefing of the Alternative Mission Modes Study	1967
20050166379	Low Acceleration Space Transportation System Study	1967
20050168164	Advanced Engineering Program System and Dynamics Investigation (Aerospike)	1967
20050168299	J-2X Experimental Engine	1967
20050171016	Low Acceleration Space Transportation System Study	1967
20050229131	First Flight Experiment in Project RAM C	1967
20050229179	ATS-1 Post Launch Report No. 4	1967
20050229362	INTELSAT II-B Launch; Communications Satellite Corporation	1967
20050229376	Applications Technology Satellite II (ATS-II) Post Launch Report No. 1, No. 2, No. 3	1967
20050229877	Surveyor G Pre-Launch Mission Operations Report	1967
20050229969	ATS III Post Launch Report #2	1967
20050229979	Pioneer C Flight Mission	1967
20050230142	Lunar Orbiter C Mission	1967
20050230143	Surveyor Lunar Flight Report, Mission D	1967
20050230728	Pre-launch Mission Operation Report: Applications Technology Satellite A (ATS-A)	1967
20050230729	Pre-launch Mission Operation Report: Applications Technology Satellite-C (ATS-C)	1967
20050230731	Post Launch Report 1: Intelsat II-C	1967
20050230732	INTELSAT II-D Launch; Communications Satellite Corporation	1967
20050232752	Intelsat II-B Post Launch Report No. 1	1967
20050232773	Pre-Launch Mission Operation Report: San Marco B	1967
20050232854	Lunar Orbiter D Mission	1967
20050232856	Lunar Orbiter E Mission	1967
20050232859	Surveyor F Pre-Launch Mission Operation Report	1967
20050234547	Orbiting Geophysical Observatory (OGO) Project	1967
20050234573	Surveyor E Pre-Launch Mission Operations Report	1967
20050234610	Pre-launch Mission Operation Report Interplanetary Monitoring Platform E (IMP-E)	1967
20050236233	Interplanetary Explorer Project; IMP-F	1967
20050236391	ESRO II-A Project Pre-launch Mission Operation Report	1967
20050236393	United Kingdom Project E	1967
20050236479	TIROS Operational Satellite (TOS-D)	1967
20050236480	Biosatellite B Flight Project	1967
20050236500	INTELSAT II-D Post Launch Report No. 3	1967
20050236503	Mariner Venus 67 and Mariner IV Flight Projects	1967
20050236510	Orbiting Solar Observatory (OSO-E)	1967
20050236535	Apollo 4 Mission (AS-501)	1967
20060049053	Effects of Stress Relief on the Mechanical Properties of Hy-80 Material	1967
20070030931	Structural Data of Some Rare Earth Alloys	1967
20070031020	The Localization of the Strict Topology via Bounded Sets	1967
20080002307	Bellcomm, Inc. Quarterly Progress Report: July, August, September 1967	1967
20080002311	Bellcomm, Inc. Quarterly Progress Report: April, May, June 1967	1967
20080002312	Bellcomm, Inc. Quarterly Progress Report: January, February, March 1967	1967
20080002315	Bellcomm, Inc. Quarterly Progress Report: October, November, December 1966	1967
20080018220	Dispersion Study for the Sidewinder ARCAS	1967
20080042992	Seals and Sealing Techniques: A Compilation	1967
20080042996	Failure Reporting and Management Techniques in the Surveyor Program	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20080043645	NASA Contributions to Advanced Valve Technology: Revised and Enlarged Edition. A Survey	1967
20080045809	Electronic Instrumentation Techniques and Equipment: A Compilation	1967
20080045837	Fasteners and Fastening Techniques: A Compilation	1967
20090006625	Opportunities for Participation in Space Flight Investigations	1967
20090006918	DIANA: A Digital-Analog Simulation Program for the IBM 1620 II Computer	1967
20090008524	Manned Space Flight: Apollo	1967
20090010001	Carbon Dioxide Reduction Unit Operation with Bosch Reaction	1967
20090010003	A Summary of the Angle-of-Attack Performance Characteristics at Supersonic and Subsonic Mach Numbers of Several Air Induction Systems Which Are Applicable to Fighter-Type Aircraft	1967
20090013384	The Microbiological Examination of Space Hardware	1967
20090013671	Basic Results of a Wind-Tunnel Investigation of an Integral (Unslotted) Supercritical Airfoil Section	1967
20090020429	Useful New Technology: Special Publications Reporting on Research and Development	1967
20090029964	Surface Treatments for Austenitic Martensitic and Ferritic Stainless Steels	1967
20100012181	Asymmetric Cell Design Test Report No 2 for NASA LM Ascent Stage Battery	1967
20100014783	[NASA Multidisciplinary Grant]	1967
20100015362	Design Study for Zodiacal-Light Observation from an Orbiting Solar Observatory	1967
20100015587	Current Status of Chemical Studies on the Origin of Life	1967
20100015615	Albedo Measurements Over the Antarctica	1967
20100015619	The Vibrocardiogram as a Cardiovascular Monitor	1967
20100015627	Computer Analysis of EEG Data from Gemini Flight GT-7	1967
20100015733	Magnetic and/or Electrostatic Shielding of Spacecraft	1967
20100017008	Techniques for High Resolution Mass Spectrometric Analysis of Organic Constituents of Terrestrial and Extraterrestrial Samples	1967
20100017021	SM RCS Predictions Versus AS-202 Results	1967
20100017024	Design Criteria for Space Propulsion Systems	1967
20100017041	Entry Guidance Equations (Guidance, Entry Flight Dynamics, Spacecraft, Space Flight)	1967
20100017356	Data Handling and Data Analysis for Ion Wake Experiment (S026). Phase II - Predictions of the Gemini Wake Structure	1967
20100017709	Applications of the Direct Photon Absorption Technique for Measuring Bone Mineral Content, In Vivo	1967
20100017863	[Compilation of Eight Status Semi-Annual Reports for Grant NsG-692]	1967
20100042173	Characteristics of Launch Vehicles Selected for High Speed Reentry Testing Studies	1967
20110000510	ATS F and G Large Aperture Antenna: Phase I Preliminary Design Data Package and Phase II Program Definition Plan	1967
20110000871	Solid and Hybrid Propulsion for Near-Future NASA Missions	1967
20110020465	Apollo 4 Mission (AS-501), Post Launch Report No. 1	1967
20110020466	Apollo 4 Mission (AS-501): Prelaunch	1967
20110020711	TIROS Operational Satellite (TOS-B)	1967
20110020712	TIROS Operational Satellite (TOS-C)	1967
20110020729	Apollo SPS Propellant Position Control in Low and Zero-G Environments	1967
20110022366	TRW IM Descent Engine Pre WSTF Test Performance Report (for HATS-222 Only)	1967
20110022970	Advanced Solid-Propellant Formulation Techniques	1967
20110023094	Space Engine Design Handbook	1967
20110023115	Experimental Formulation of Liquid "B" Compounds	1967
20110024245	Research and Exploratory Development for the Office of Aeronautical Research, National Aeronautics and Space Administration	1967
20110942681	Titan III/Centaur Integration Study	1967
20120003205	Development of a Dispersion Strengthened Nickel Base Alloy Using the High Intensity Arc Process	1967
20120014322	Saturn Ground Computer System: Module Data Handbook. 2112000-501 thru 2112000-524 Specification Identification Number 2186699	1967
20130010061	Phase-A Materials Study for Galactic-Jupiter Probe	1967
20130013754	The Effect of Rotation on Radiation from Stars. I. Properties of the Continuum	1967
20130013755	Vibronic Transitions of Hexagonal Rare Earth Trichlorides: II. Pr ³⁺ in LaCl ₃ , PrCl ₃ , and GdCl ₃	1967
20130013758	The Density of Meteorite Impacts on the Moon	1967
20130013771	On Non-Central Chi-Square and Non-Central F Distributions	1967
20130013773	Liquid Oxygen Turbopump Study	1967
20130013776	On the Solar Differential Rotation and Meridional Currents	1967
20130013780	A Derivation of the Equation of Brownian Motion from the Kinetic Equation for Weakly Interacting Gases	1967
20130013782	Distorted-Wave Analysis of Inelastic Scattering of 61.7-NeV Protons from 60Ni	1967
20130013890	Effect of Two-Dimensional Multiple-Wave Distortions on the Heat Transfer to a Wall in Hypersonic Flow	1967
20130013892	Early and Main Sequence Evolution of Stars in the Range 0.5 to 100 Solar Masses	1967
20130013903	Some Effects of Roughness and Variable Entropy on Transition at a Mach Number of 8	1967
20130013905	A Direct Derivation of the Kalman-Bucy Filter using the Maximum Principle	1967
20130013906	Limits to the Distances of the Quasi-Stellar Objects Deduced from their Absorption Line Spectra	1967
20130013910	Interaction of the Neutral Hydrogen and Charged Particles in the Radiation Belts: The Consequent Lyman-alpha Emission	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20130013911	The Doppler Effect in a War Uniaxial Plasma	1967
20130013918	Diffusive Separation in Shock Waves and Free Jets of Nitrogen-Helium Mixtures	1967
20130013919	Environmental Testing of Thin-Film Solar Cells	1967
20130013920	Pyrolysis Gas Chromatography Application to Life Detection and Chemotaxonomy	1967
20130013922	The Infrared Opacity of Hot Water Vapor	1967
20130013925	Electron and Nitrogen Vibrational Temperature in the E Region of the Ionosphere	1967
20130013932	Photolyses of Trienes. Selective Photoreactions of 3,7, 7-Trimethylcycloheptatriene	1967
20130013938	A Mercury Plasma-Bridge Neutralizer	1967
20130013939	Instrumentation for the Detection of Meteoritic Dust from a Sounding Rocket	1967
20130013960	Thermal Ion Structure of the Plasmasphere	1967
20130013966	A Single Variable Variational Approximation for a Perturbed Schroedinger Equation	1967
20130014007	Plasma Kinetic Theory of Transverse Diffusion	1967
20130014016	Effects of Radiation on the Hypothalamus in Monkeys	1967
20130014028	A New Table of Abundances of the Elements in the Solar System	1967
20130014029	Cosmic Ray Production of Deuterium and Tritium in the Earth's Atmosphere	1967
20130014038	Photoelectron Escape from the Ionosphere	1967
20130014040	Electron-Excited Fluorescence of Serpentes	1967
20130014070	Reflection Laws of Systems of Second Order Elliptic Differential Equations in Two Independent Variables with Constant Coefficients	1967
20130014071	Geometric Euler Potentials	1967
20130014076	The Combustion of Laser Ignited Zirconium	1967
20130014080	The Excitation of Coronal Emission Lines as a Measure of Electron Density	1967
20130014082	High Perveance Accelerator Grids for Low Voltage Kaufman Thrusters	1967
20130014083	Polymeric Schiff Bases. I. The Synthesis and Evaluation of Polymeric Schiff Bases Prepared by Schiff Base Exchange Reactions	1967
20130014097	Early and Main Sequence Evolution of Stars in the Range 0.5 to 100 Solar Mass	1967
20130014106	Evaluation of the Usefulness of the MOL to Accomplish Early NASA Mission Objectives	1967
20130014172	Nuclear Transformations in Nature	1967
20130014195	Nucleosynthesis in Supernova Shock Waves	1967
20130014197	Influence of Charge Compensation on UV-Excitation of Rare-Earth Fluorescence	1967
20130014200	Extrarenal Salt Excretion in Sea Snakes (Laticauda)	1967
20130014212	Nutritional and Hormonal Factors Concerned with the Regulation of Liver Protein Synthesis During Acute Centrifugation Stress	1967
20130014213	High Energy X-Rays from Cygnus XR-1	1967
20130014216	Alpha Particle Scattering from Even Tellurium Isotopes	1967
20130014252	Atmospheric Secondary and Re-Entrant Albedo Protons	1967
20130014253	Effect of Hibernation on Respiration and Oxidative Phosphorylation in Chipmunk Liver Homogenates	1967
20130014254	Temperature and Composition of the Equatorial Ionosphere	1967
20130014281	On the Cauchy Problem of the Relativistic Boltzmann Equation	1967
20130014290	A Study of Low Energy Galactic Cosmic Rays from 1961 to 1965	1967
20130014295	Filter Wedge Spectrometer for Field Use	1967
20130014296	Theory for the Polarization of the Four Cosmic OH 18-cm Lines	1967
20130014297	The Effect of Cyanide Intoxication on the Metachromatic Material Found in the Central Nervous System	1967
20130014298	The Cosmic Ray Electron Spectrum in a Disc-Halo Galactic Model	1967
20130014300	Amplitude Distributions of Refractive Index Differences	1967
20130014311	Titan III/Centaur Integration Study. Volume 2, Part 1: Airborne Systems	1967
20130014312	Satellite Protons as a Confirmation of Solar Neutron Observations	1967
20130014313	Trends in Aerospace Computer Systems	1967
20130014349	Apollo Saturn 5 Mobile Launcher Complex Operations and Maintenance: Air Conditioning, Ventilation and Pressurization Systems	1967
20130014358	A Study of Celestial Objects of High Angular Momentum	1967
20130014386	Glucose Oxidation and Replacement During Prolonged Exercise in Man	1967
20130014387	Noise Methods in Pattern Perception	1967
20130014388	Calculated Physical Properties of Planets in Relation to Composition and Gravitational Layering	1967
20130014389	A Numerical Single-Center Self-Consistent Field Function for the Hydrogen Molecule	1967
20130014391	Mossbauer Studies of Tektites, Meteorites, and Related Minerals	1967
20130014392	Larmor and Helmholtz Theorems for Relativistic Charged Fluid Flow	1967
20130014395	Hamilton-Jacobi Equation for Relativistic Charged Fluid Flow	1967
20130014400	Strength of Synchronous Rotation of the Moon	1967
20130014649	Advanced Engine Aerospike Experimental Program	1967
20130014650	Advance Engine Aerospike Experimental Program	1967
20130014687	A Survey of Advanced Structural Technologies Applicable to Future Large Launch Vehicles	1967
20130014688	Cluster Expansions in Many-Fermion Theory	1967
20130014689	Polymeric Schiff Bases	1967
20130014690	The Maser Experiment	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20130014691	Shielding in Anisotropic Plasmas	1967
20130014693	A Peculiar Galaxy that May Be at a Young Evolutionary Stage	1967
20130014696	Attitude Control of a Satellite in Circular Orbit	1967
20130014712	Vestibular and Nonvestibular Information in Judgments of Attitude and Coriolis Motion in a Piloted Flight Simulator	1967
20130014714	Need for Validity in Simulation of the Extraterrestrial Visual Environment	1967
20130014718	Penetrative Convection	1967
20130014721	Observation of Dislocations in Deformed Molybdenum Crystals	1967
20130014727	A Computational Method for Evaluating Generalized Inverses	1967
20130014728	Cathodo-luminescence Device for Rapid Identification of Phase Assemblages	1967
20130014729	Compound State Resonances in Molecular Collisions: The Integral Elastic Cross Section for D2-Xe Scattering	1967
20130014730	Scaled Unsold Approximation for Atoms and Molecules	1967
20130014731	The Response of Spore Forming vs. Nonspore Forming Bacteria to Diurnal Freezing and Thawing	1967
20130014789	Observation of Dislocations in Deformed Molybdenum Crystals	1967
20130014820	Dislocation Structures in Slightly Strained Tungsten and Tungsten-Rhenium and Tungsten-Tantalum Alloys	1967
20130014821	Selective Laser Photocatalysis of Bromine Reactions	1967
20130014849	Polymeric Schiff Bases	1967
20130014850	Polymeric Schiff Bases	1967
20130014851	A Possible Source of Waves in Noctilucent Clouds	1967
20130014852	Polymeric Schiff Bases	1967
20130014855	Status of the NERVA Program	1967
20130014856	Changes in Rat Anterior Pituitary Thyrotrophs During Acclimation to Reduced Pressure	1967
20130014857	Excitation of Atomic Oxygen and Carbon by Collisions with Hydrogen Atoms	1967
20130014864	Design of Dielectric Covered Narrow Slots in a Rectangular Waveguide	1967
20130014889	On the Full Dynamical Interaction of a Small Number of Coupled Longitudinal and Transverse Modes in a Vlasov Plasma	1967
20130014891	Bending of Circular Plates of Hardening Material	1967
20130014893	Vainshtein Method Applied to Electron Impact Excitation and Ionization of Atoms	1967
20130014894	An Explicit Sixth-Order Runge-Kutta Formula	1967
20130014895	Spectral Line Profiles for a Fast Ion Beam Source	1967
20130014898	Liver Regeneration in Rats Exposed to Simulated Changes in Gravity	1967
20130014899	Functions of Relaxed Controls	1967
20130014900	An Automated System for Chemical Analyses	1967
20130014903	On a Class of Pursuit-Evasion Problems	1967
20130014910	"Spontaneously" Split Comets	1967
20130014912	SPECS, A Versatile Space-borne Detector of Charged Particles	1967
20130014915	Spin Acceleration Effects on Some Full-Scale Solid Rockets	1967
20130014936	P and S Travel Time Anomalies and Their Interpretation	1967
20130014937	Heat Transfer in the Stagnation-Point Laminar Boundary Layer with Mass Transfer and Radiant Energy Absorption	1967
20130014938	Oscillatory Modes of Energy Transport in Solar Magnetic Regions	1967
20130014940	The Hand-Held Sextant: Result from Gemini XII and Flight Simulator Experiments	1967
20140000001	Abundances of Chlorine, Bromine and Iodine in Meteorites	1967
20140000003	Excitation of Two Atoms by a Single Photon	1967
20140000166	Input Impedance Display of One-Port, Reflection-Type Amplifiers on the Extended Smith Chart	1967
20140000167	Absolute Measurements of the Radio Flux from Cassiopeia A and Taurus A at 3.64 and 1.94 Centimeters	1967
20140000186	The Use of Self-Calibrating Catalytic Probes to Measure Free-Stream Atom Concentration	1967
20140000190	Preparation of Thin Self-Supporting Beryllium Foils	1967
20140000220	A Data Handling System for Phase Coherent Coded PCM Communications	1967
20140000221	The Search for Solar M-Regions	1967
20140000390	Titan III/Centaur Integration Study	1967
20140000391	Titan III/Centaur Integration Study	1967
20140000429	F-1 Engine Qualification Test Program	1967
20140000952	Noise from High Speed Coaxial Interacting Jets	1967
20140003037	A Photoelasto-Plastic Method to Study Stress Distributions in the Vicinity of a Simulated Crack	1967
20140003041	Degas of Potting Compound under Vacuum	1967
20140003061	Design GSE to Load RCS Propellants by Weight	1967
20140003062	System of Three-Digit Packaging Codes for Spare Parts and Other Hardware	1967
20140003063	Dimmer Circuit	1967
20140003064	Broadband Choke for Antenna Structure	1967
20140003065	Optical Scope Attachment for SIP Jig Bore	1967
20140003118	Application of Heat Dissipator to Circuit Board	1967
20140003119	Self Sealing Connector	1967
20140003121	Relief Valve Aspirator	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140003263	Volumetric Displacement Measurement	1967
20140003264	Transparent, Pressure-Resistant Material	1967
20140003320	Subminiature Weld Machine	1967
20140004301	Measurement of Deflection Using Magnetic Speed Sensing Transducers	1967
20140004302	Engine Duct Flange Welded Seal	1967
20140004307	Portable Tube Beading Tool	1967
20140004308	Tube Sizing	1967
20140004309	Side-Load Adapter	1967
20140004310	Hand Valve-Modification of Stem Packing	1967
20140004326	Pressure Balanced Positive Retention Kel-F for Impeller Seals and Inducer Shrouds	1967
20140004327	Use of Invar Sleeves in Turbopump Assembly	1967
20140004328	Printing Technique	1967
20140004329	Development of Tooling, Production Precedures and Production of 57-Inch Bulkheads	1967
20140004330	Beryllium Box Beam Development Program	1967
20140004338	Liquid Hydrogen Sealed Interchangeable Mechanical Joint for SIV Domes	1967
20140004339	Heat Treatment of Large Parts with Non-Uniform Wall Thicknesses	1967
20140004340	Correction for Heat Flux Anomaly	1967
20140004341	RP-1 Tube Coking Characteristics	1967
20140004342	Seal Ring Check Fixture	1967
20140004353	Effects of Tube Curvature Rate on Heat Transfer Coefficient	1967
20140004354	Tube Specimen Evaluation	1967
20140004355	Thermocouple Attachment Technique	1967
20140004356	Electrical Contacts to Silicon Carbide Devices by a Thin Film Process	1967
20140004357	Design Guidelines for Circuitry in Radiation Environment	1967
20140004360	Report Summarizes Inconel Alloy 718 Data	1967
20140004361	Report Summarizes Aluminum Alloy 7075 Data	1967
20140004362	Heat Flux Transducer Eliminates Measurement Errors	1967
20140004363	A Monopole-Dipole Radiating Element	1967
20140004364	Torque Wrench Assembly	1967
20140004406	Printed Circuit Board Retainer Assembly	1967
20140004407	Support-Wire Harness	1967
20140004408	Graphical Method of Estimating Steady-State Temperature from Transient Data	1967
20140004409	Parametric Solution for Passive Thermal Control of a Non-Power Dissipating Component Mounted on a Cold Structure and Surrounded by a Warm Environment	1967
20140004410	Capacitance Measurement of Low Q Resistors	1967
20140004460	Welding Method to Attack Thin-Walled Tubing to Heavier Base Parts	1967
20140004471	Advanced Parametric Studies	1967
20140004515	Modification of Weldment Heat-Affected Zone by Means of Diffused Zone	1967
20140004516	Two-Impulse Transfer Computation in the Three-Body Problem	1967
20140004517	Communicated Applied Standards	1967
20140004518	Rate Gyroscopes for Measuring Structure Bending	1967
20140004519	Lubricated Fittings	1967
20140004520	Teflon Drill Stop Tip	1967
20140004521	Versatil Laboratory Anchor for Large Equipment	1967
20140004531	Ball Bearing Runout Inspection Method	1967
20140004532	Transient Suppression for High-Voltage Tester	1967
20140004533	Pump Axial Thrust Control Device	1967
20140004534	Piano Hinged Deck & Beam Assemblies for Fold-up Access Platforms	1967
20140004535	Finishing Tool for Circular Surfaces	1967
20140004549	J-2 Jacket Cleaning	1967
20140004550	Pneumatic Formed Structures	1967
20140004551	Cryogenic Monopropellant for Undersea Vehicles	1967
20140004552	Gold-Plated Platinum Wire Versus Ultra-Pure Platinum Wire Temperature Detectors in a Stoichiometric Mixture of Gaseous Hydrogen and Air	1967
20140004659	Variable Time Delay	1967
20140004660	Welding of AM355 and AM350 for APS Oxidizer Tanks	1967
20140004661	On-Line Impulse Measurement	1967
20140004662	Landing Skid Extension Device	1967
20140004663	Ball Centers for Grinding Operations	1967
20140004670	Tube Flaring Tool	1967
20140004671	Teflon Spatula	1967
20140004672	Small Component Holding Tool	1967
20140004713	Off-Center-Shift Locking Mechanism and Marmon Clamp Installation Tool	1967
20140004744	Fluid Mixing and Dispersing Tool	1967
20140004745	Method for Attaching "Armalon" (Teflon Coated Fiberglass) Fabric to Stock Zippers	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20140004746	Toroidal Anti-Electrical Discharge Rings for Vent Stacks	1967
20140004747	Masking Fixtures for Gold Plating	1967
20140004748	Technique of Measuring Gold Plate on Electrical Contacts	1967
20140004755	Cryogenic Sealing System for LO2 and LH2	1967
20140004756	Flow Comparison Technique	1967
20140004757	Safety Wire Twister	1967
20140004758	Internal Port Closing Tool	1967
20140004759	Humidity Chamber for Calibration of Serdex Hygrometers	1967
20140004977	Isostatic Pressing of Poly (Aromatics)	1967
20140005040	Water Cooled Silver Infiltrated Tungsten Electrode Prolongs Electrode Life	1967
20140005041	Double Copper Sheaths Result in Durable, Easily Installed, Inexpensive Multi-Conductor Instrumentation Cables	1967
20140005084	High Stability Inductor	1967
20140005363	Self-Aligning Tilting Chuck Jaws	1967
20140005610	Microwave Delay Line	1967
20150009382	Recent Advances in Microbiological Environmental Control	1967
20150009402	Biostatistics of Space Exploration: Microbiology and Sterilization	1967
20150009403	Biostatistics of Space Exploration: Microbiology and Sterilization	1967
20150009549	Recent Developments in Planetary Quarantine	1967
20150009563	Review of an International [Sterilization] Symposium in Berlin	1967
20150009662	Planetary Quarantine Requirements	1967
20150009663	Principles of Laminar Air Flow	1967
20150009724	An Investigation of a Sono-Chemical Approach in Sterilization Problems	1967
20150009734	Evaluation of Leakage of Microbial Contamination from Gemini Space Suit	1967
20150009908	Sterile Insertion - An Aerospace Application of Gnotobiotic Technology	1967
20150009990	Planetary Contamination I: The Problem and the Agreements	1967
20150010033	Outbound Spacecraft: Basic Policy Relating to Lunar and Planetary Contamination Control	1967
20150010037	Ultrasensitive, Rapid Method for Detecting Viable Bacterial Cells	1967
20150010038	Experimental Assembly and Sterilization Lab- Personnel Procedures for EASL Operations	1967
20150010047	Terminal Sterilization Process Calculation for Spacecraft	1967
20150010074	Venus Probe Study - An Analysis of Quarantine Requirements for the Planet Venus	1967
20150010077	Successful Recovery of Plant and Animal Life Carried on a 45-Hour Journey Through Space by Biosatellite II	1967
20150010088	Spacecraft Sterilization and Planetary Quarantine - Background of the Sterilization Requirements	1967
20150010266	Visual Monitoring During Assembly of Sterilizable Planetary Landing Capsules	1967
20150010279	Phoenix Field Station, Technology Branch, Communicable Disease Center: Services Provided in Support of the Planetary Quarantine Requirements	1967
20150010282	Technical Manuals and Planning Study in Planetary Quarantine	1967
20150010287	Experimental Assembly and Sterilization Lab Microbiological Assay and Certification of Spacecraft Hardware Sterility	1967
20150010460	Comparative Levels of Microbial Contamination in Clean Rooms Used for the Assembly and Test of Lunar Spacecraft	1967
20150010461	Assessment of Microbial Contamination on Surfaces of Space Hardware by Ultrasonics	1967
20150010486	Detection of Low Levels of Microbial Contamination on Surfaces by Chemical Approaches	1967
20150010489	Services Provided in Support of the Planetary Quarantine Requirements of the National Aeronautics and Space Administration	1967
20150010492	Evaluation of Current Technology in Attaining Planetary Quarantine Requirements for Spacecraft Sterilization	1967
20150010493	Techniques for the Prevention of Contamination of the Planets by Non-Sterile Spacecraft Hardware	1967
20150010495	Skidding Accidents on Runways and Highways can be Reduced	1967
20150010496	Sandia Laboratories Quarterly Report - Planetary Quarantine Program	1967
20150010501	The Importance of Sterilization Techniques in Space Exploration	1967
20150010504	Results of Bioclean Room Survey	1967
20150010518	Microorganisms on Mars	1967
20150010535	Space Hardware Assay Methodology	1967
20150010536	Measurement and Control of Microbial Contaminants in Air	1967
20150010549	Laminar Air Flow for Sterility Testing Procedures	1967
20150010550	Minutes of the Mathematical Models Subcommittee of the Spacecraft Sterilization Advisory Committee of the American Institute of Biological Sciences	1967
20150010554	Microbes in the Upper Atmosphere and Beyond	1967
20150010562	Comparison of Methyl-Bromide and Ethylene-Oxide Resistances of Bacillus Subtilis and Staphylococcus Epidermidis Populations	1967
20150010577	Outbound Planetary Biological Contamination Control; Policy and Responsibility	1967
20150010580	Particulate and Biological Matter Challenge System for Validation of Sterility Within A Sterile Assembly System	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150010603	A Feasible Experimental Program to Measure Charge and Adhesion Properties of Microbes on Various Surfaces	1967
20150010612	Progressive Biological Monitoring on Lunar Orbiters	1967
20150010613	System Studies on Applications of Sterilization Math Modeling Techniques to Planetary Quarantine Problems	1967
20150010617	Automatic, Instantaneous Monitor for Counting the Bacterial Loading of an Aerosol	1967
20150010638	Sterilizability Status Sheets, Volume 2	1967
20150010640	Laboratory Investigations Related to a Systems Analysis Approach to Planetary Quarantine	1967
20150010641	The Importance of Sterilization Techniques in Space Exploration	1967
20150010643	Sampling and Verification in Large-Scale Sterilization Procedures	1967
20150010644	Planetary Contamination II: Soviet and U.S. Practices and Policies	1967
20150010653	11th Annual World Aerospace Encyclopedia 1967	1967
20150010654	Budget Issues Detain Life Probes in Space: Search for Life on Other Planets Is Big Victim of Congressional Budget Cutters	1967
20150010655	Gearing Down for Voyager and AAP	1967
20150010656	Estimation of Microbial Survival in Heat Sterilization	1967
20150010666	Contamination Control in the Manufacturing Sequence	1967
20150010671	Needed: National Purpose for Applying the High Technology of Space	1967
20150010672	Experimental Assembly and Sterilization Lab: Routine Cleaning and Decontamination	1967
20150012603	Kinetic Theory of Macroscopic Transport Phenomena in Multifluid Systems	1967
20150012604	Absolute Transition Probabilities in Ultraviolet Molecular Spectra	1967
20150012605	Heat Pipes and Vapor Chambers for Thermal Control of Spacecraft	1967
20150012606	High-Temperature Spectral Emittance of Ablation Chars and Carbon From 0.4 to 2.4 Micrometers	1967
20150012609	Dipeptidyl Arylamidase III of the Pituitary: Purification and Characterization	1967
20150012610	Chloroplast Integrity and ATP-Dependent CO ₂ Fixation in Spinacia Oleracea	1967
20150012633	A Magnetic Bearing Torsional Creep Apparatus	1967
20150012634	Interplanetary Aborts - The 1979 Venus Swingby vs. The 1976 Mars Flyby Abort Capabilities	1967
20150012635	High Resolution Mass Spectrometric Investigation of the Organic Constituents of the Murray and Holbrook Chondrites	1967
20150012636	Boundary Control Systems	1967
20150012637	Kinetic Equation for an Inhomogeneous Plasma in a Magnetic Field	1967
20150012733	Apollo Guidance, Navigation and Control Qualification Status List	1967
20150012746	Compound State Resonances in Atom-Diatomic Molecule Collisions	1967
20150012747	A Gyroless Solar Pointing Attitude Control System for the Aerobee Sounding Rocket	1967
20150012748	Calculations of the Photoelectron Excitation of the Dayglow	1967
20150012749	A Far Infrared Sky Survey	1967
20150012750	A Far Infrared Sky Survey (B)	1967
20150012751	Numerical Solution of Symmetric Positive Differential Equations	1967
20150012753	Chamber 'B' Ace-S/C Downlink Software Validation for LTA-8	1967
20150012755	Effect of Hypoxia Exposure on RNA Synthesis in the Rat Anterior Pituitary In Vitro	1967
20150012756	The Solar Radial Gradient of Galactic Cosmic Rays	1967
20150012757	Optical Constants of Sodium Chloride and Potassium Chloride in the Far Ultraviolet	1967
20150012758	Recombination Fronts in Stellar Wind Flows	1967
20150012764	Feasibility and Design Study of an Unguided Solar Orbital Launch Vehicle	1967
20150012770	On the Extraterrestrial Ring Current During Geomagnetic Storms	1967
20150012775	Fly by Wire Flight Control System Experience with a Free-Flight Lunar Landing Research Vehicle	1967
20150012776	Radiation of Gravitational Waves in Brans-Dicke General Relativity Theory	1967
20150012777	On Finite Dimensional Approximations to a Class of Games	1967
20150012778	Ionospheric Polar Blackout Indices During 1957-1965	1967
20150012815	OGO-A Magnetic Field Observations	1967
20150012816	Explorer 12 Observation of the Magnetopause Current Layer	1967
20150012817	Implications of the Meteoroid Environment on the Design of Spacecraft	1967
20150012825	On the Analytic Solution of the First-Order Perturbed Wavefunction of the Two-Electron Atom	1967
20150012826	Subcellular Sites Involved in Lipid Synthesis in Saccharomyces Cerevisiae	1967
20150012827	Asymptotic Relations Between the Thomas-Fermi-Dirac and Thomas-Fermi Atom Models. I. Case of Low Atomic Number	1967
20150012828	Systematic Comparison of Venus Swingby Mode with Standard Mode of Mars Round Trips	1967
20150012829	Optical Study of the Electronic Structure of Diamond	1967
20150012830	Differential Effect of Sodium Azide on the Incorporation of Nucleic Acid Precursors into Chinese Hamster Cells In Vitro	1967
20150012831	Photoemission Studies of CdTe	1967
20150012832	On a Theory of Absolute Reaction Rates	1967
20150012833	Integrals of Motion in the Three-Dimensional Restricted Three-Body Problem	1967
20150012834	Experiments on the Permanent Deformation of Spherical Caps Impacted into Water	1967
20150012835	Generalized Semigroup Kernels	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150012836	Flare-Stabilization Problems at Hypersonic Mach Numbers	1967
20150012840	Distribution of Sodium in the Daytime Upper Atmosphere as Measured by a Rocket Experiment	1967
20150012841	The Restricted Three-Body Problem in the Post-Newtonian Approximation	1967
20150012843	Discrete Element Methods for the Plastic Analysis of Structures Subjected to Cyclic Loading	1967
20150012845	Response Differentiation in Slow Rotation	1967
20150012846	Comparison of Macedon and Darwin Glass	1967
20150012855	Particulate Damping in Solid Propellant Combustion Instability	1967
20150012856	A Summary of Supersonic Decelerators with Emphasis on Problem Areas in Aerodynamics and Structures	1967
20150012861	Kinetic Equation for a Weakly Unstable Plasma	1967
20150012862	Influence of Octahedral Subcells on the Electrical Properties and Bonding Characteristics of Molybdenum Carbides	1967
20150012863	Axisymmetrical Vibration of a Circular Sandwich Shell with a Viscoelastic Core Layer	1967
20150012865	Experimental Performance of a Low-Powered MPD ARC Thrustor	1967
20150012866	An Assessment of Ground and Flight Simulators for the Examination of Manned Lunar Landing	1967
20150012883	Charged Particle Diffusion by Violation of the Third Adiabatic Invariant	1967
20150012884	Edge Condition and "Intrinsic Loss" in Uniaxial Plasma	1967
20150012886	On the Origin of Circulation for Tornado Formation	1967
20150012889	Boundary Layer Transition at Hypersonic Mach Numbers	1967
20150012890	Charge Transfer in the Classical Binary Encounter Approximation	1967
20150012891	Gross Failure of the Conventional Adiabatic Criterion: Structure and Coherence in the Low Energy Excitation of Helium Atoms by Helium Ions	1967
20150012893	A Method for Studying Planetary Atmospheres Employing the Dual Flyby Mode	1967
20150012895	The Observed Motion of a Sphere Through a Short, Rotating Cylinder of Fluid	1967
20150012897	Albedo Measurements over the Antarctica	1967
20150012899	Supernova Hydrodynamics and Nucleosynthesis	1967
20150012900	Analysis of F and G Subdwarfs - II. A Model Atmosphere Abundance Analysis of the Subdwarfs HD 140283 and HD 19445	1967
20150012904	An Experimental Study of the Combined Space Environmental Effects on a Zinc-Oxide - Potassium-Silicate Coating	1967
20150012905	A Lower Limit on the C12/C13 Ratio in the Interstellar Gas	1967
20150012906	Electric Field and Multiple Foil Excitation Experiments on Beam-Foil-Excited Hydrogen Atoms	1967
20150012907	Status Report for Grant Number NGR-22-010-18	1967
20150012908	The Role of Adipose Tissue in Altered Lipid Metabolism of Rats Exposed to Centrifugation Stress	1967
20150012910	The Effect of Water Vapor on the Burning Rate of Aluminum and Magnesium Wires in the Pressure Range of 15 to 2000 PSIA	1967
20150012914	Identificaion of Linear Discrete Time Systems Using the Instrumental Method	1967
20150012921	Causes in Strain Birefringence Around the Notches in Moldavites	1967
20150012938	Observations of Changes on the Moon	1967
20150012939	Application of Holography to Photoelasticity	1967
20150012940	The Radiation and Physical Properties of the M87 Jet	1967
20150012942	Signal Recognition as Influenced by Presentation Schedules	1967
20150012951	Effect of Temperature on Metabolic Rates of Liver and Brown Fat Homogenates	1967
20150012952	A Descent Algorithm for Constrained Stochastic Extrema	1967
20150012954	Chromite from Chondritic Meteorites	1967
20150012957	Repeated Cold-Drawing and Annealing of Polypropylene	1967
20150012958	Perimetric Coordinates	1967
20150012960	Solar Modulation of Galactic Cosmic Rays	1967
20150012961	A Nude Buried Collector Gage for Measurements in the 10(exp -11) Torr Pressure Range	1967
20150012962	New Satellite Structure of Nd3+ Ions in Rare Earth Trichlorides+	1967
20150012963	Experimental Emphysema: Histology and Pulmonary Circulation	1967
20150012964	The Mean Lives of Some Excited States in Multiply Ionized Oxygen and Neon	1967
20150012985	Electric Field Penetration into a Plasma with a Fractionally Accommodating Boundary	1967
20150012986	On the Analysis of Adhesion Data	1967
20150012987	On the Dynamic Response of Impure Molecular Crystals	1967
20150013063	The Transformation of Hypersonic Turbulent Boundary Layers to Incompressible Form	1967
20150013064	Phosphorylation Coupled to the oxidation of Sulfite and 2-Mercaptoethanol in Extracts of Thiobacillus Thioparus	1967
20150013067	Apollo GSE End Item Specification for Electromagnetic Compatibility Data Access Equipment: Model C34-68	1967
20150013071	KSC Processing of Field Engineering Changes	1967
20150013089	Apollo GSE End Item Specification for Substitute Set - Flexible Hoses and Disconnects, Environmental Control Unit Circuit Model A34-317	1967
20150013090	Trip Report - Guidance Software Control Panel Meeting at MSC	1967
20150013091	Nighttime Station Keeping for a Giant Orbiting Mirror Case 227	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013093	Apollo GSE End Item Specification for High Voltage Power Supply and Battery Backup Unit Model C34-655	1967
20150013099	Adiabatic Betatron Acceleration by a Geomagnetic Storm	1967
20150013100	Chemical Fractionations in Meteorites. II. Abundance Patterns and Their Interpretation	1967
20150013101	A Study of an Electrostatic-Motor Drive for Tornado Vortices	1967
20150013102	The OSO 1 Solar Neutron Experiment	1967
20150013103	Flat-Plate Compressible Turbulent Boundary-Layer Static Temperature Distribution with Heat Transfer	1967
20150013104	Free-Flight Measurements of Aerodynamic Viscous Effects on Lifting Reentry Bodies	1967
20150013109	Apollo GSE End Item Specification for Checkout Set - Circuit Interrupter Model C34-653	1967
20150013110	Apollo GSE End Item Specification for Cable Set - Pad B, Launch Complex 39, Model c34-380	1967
20150013111	Apollo GSE End Item Specification for Cover, Protective, H2 Cryogenic Subsystem Storage Tank Model A34-288	1967
20150013112	Apollo GSE End Item Specification for Protective Set, High Gain Antenna Model A34-249	1967
20150013113	Apollo GSE End Item Specification for Bridge Set - Pyrotechnic Checkout Initiator Model C14-354 (-101 Configuration)	1967
20150013118	Adsorption of Barium on Tungsten: Measurements on Individual Crystal Planes	1967
20150013121	Electronic Spectrum and Ultraviolet Optical Properties of Crystalline MgO	1967
20150013124	Neutron and Proton Spectra from Targets Bombarded by 160-MeV Protons	1967
20150013125	Effects of 450 F and 600 F Exposures on the Mechanical Properties of Polyimide/Glass-Fiber Honeycomb Sandwiches and Laminated Beams	1967
20150013131	Some Analytical Characteristics of the Optimum Two-Impulse Orbital Transfer Under Arbitrary Terminal Conditions	1967
20150013133	Rare-Earth and Barium Abundances in Ivory Coast Tektites and Rocks from the Bosumtwi Crater Area, Ghana	1967
20150013140	Further Comment on the Association Between Crack Opening and G(sub I)	1967
20150013141	On some Coincidences Between Wavelengths of Absorption Features in HZ 29 and in Quasi-Stellar Objects	1967
20150013145	The Energy Spectra of a Number of Celestial X-Ray Sources in the Energy Range 2-60 keV	1967
20150013149	Ultrasonic Velocity and Dispersion in Liquid Helium II	1967
20150013150	Determination of Aerodynamic Characteristics of Bodies Free-Flying in a Wind Tunnel using Data Telemetered from Onboard Instruments	1967
20150013156	Balancing Considerations for Rocket Vehicles and Components	1967
20150013157	External and Internal Air Loads on Sounding Rockets	1967
20150013158	Calculated Spectrum of Quasi-Bound States for H(sub 2)(Super 1 Sigma(sub g)super +) and Resonances in H+H Scattering	1967
20150013159	Kinetics of Oxide Film Growth on Metal Crystals: Electron Tunneling and Ionic Diffusion	1967
20150013160	Light-Dark Structure and Rare Gas Content of the Carbonaceous Chondrite Nogoya	1967
20150013161	Computer Analysis of EEG Data from Gemini Flight GT-7	1967
20150013162	The Size and Position of the X-Ray Source in the Crab Nebula	1967
20150013163	Correlation of Thermal Contact Conductance Experimental Results	1967
20150013164	Photolysis of Gaseous Benzene at 1470 Angstrom	1967
20150013166	Scattering of Electrons from H2(+): The Method of Polarized Single-Center Orbitals	1967
20150013167	Spectral Radiative Transfer Approximations for Multicomponent Gas Mixtures	1967
20150013168	Chemical Fractionations in Meteorites I. Condensation of the Elements	1967
20150013169	On Supernova Hydrodynamics	1967
20150013170	An Upper Bound on Failure in Viscoelastic Materials Subjected to Multiaxial Stress States	1967
20150013171	Stresses Near a Crack in a Rubber Sheet	1967
20150013172	Distortion and Crosstalk of Linearly Filtered, Angle-Modulated Signals	1967
20150013173	Radio Frequency Induction Heating of Low Pressure Plasmas	1967
20150013174	Field Ion Microscopy of Ni-Mo Alloys	1967
20150013175	Accelerated Testing of the Mechanical and Thermal Integrity of Polymeric Materials	1967
20150013176	Analyses of Longitudinal Dynamics of Launch Vehicles with Application to a 1/10-Scale Saturn V Model	1967
20150013177	A Observational Study of Lunar Visible Emission	1967
20150013178	Contact-Potential Measurements of the Absorption of Cs, O2, and H2 on (110) Ta	1967
20150013179	Gas-Core Reactor Work at NASA/Lewis	1967
20150013180	Hidden Variables and Magnetic Relaxation	1967
20150013181	Transport Coefficients of Ionized Gases	1967
20150013182	Comparison of Lithium Containing P on N Silicon Cells with N on P Silicon Cells	1967
20150013184	Remarks on Paper by Fredricks, Greenstadt and Sonett	1967
20150013185	Tektite Sculpturing	1967
20150013188	Trip Report: Dynamic Noise Margin Test of Block II AGC at Raytheon, Sudbury, Massachusetts - Case 330	1967
20150013189	Trip Report - Airlock/CSM Interface Working Group Meeting Number 6 - Case 330	1967
20150013191	Trip Report - Review of Rack for the Lunar Mapping and Survey System - Case 340	1967
20150013192	Saturn V Systems Engineering and Integration Review, February 21 - Case 330	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013193	MSC Camera Development Review Board Meeting of February 23, 1967 - Case 340	1967
20150013194	Modification to S-IVB Stage for Orbital Workshop Mission	1967
20150013195	Trip Report - Docking Interface Meeting at NAA SID, Downey California, January 26 - Case 330	1967
20150013197	Partition Coefficients of Rare-Earth Elements and Barium Between Igneous Matrix Material and Rock-Forming-Mineral Phenocrysts	1967
20150013198	A Method for Obtaining Differential 8-13 Micron Spectra of the Moon and other Extended Objects	1967
20150013199	The Effect of Pulse Frequency Modulation on Noise	1967
20150013200	Restricted Minima of Functions of Controls	1967
20150013201	Recombination in Helium Plasmas at Cryogenic Temperatures	1967
20150013220	Organic Constituents of Meteorites	1967
20150013221	Angiogenesis and Wound Healing in Mice Exposed to Reduced Barometric Pressure (345 mm Hg)	1967
20150013222	Autoionizing States in the Alkali Atoms with Microsecond Lifetimes	1967
20150013225	The Admittance of a Rectangular Waveguide Radiating into a Dielectric Slab	1967
20150013344	Sequential Estimation of Observation Error Variances in a Trajectory Estimation Problem	1967
20150013345	Recent Studies of Factors Affecting High Lift-Drag Ratios at M = 19 in Helium	1967
20150013346	Variations of Polar Mesospheric Oxygen and Ozone During Auroral Events	1967
20150013347	Secondary Particle Spectra from the Interaction of 30- to 340-MeV Protons on Complex Nuclei: Experimental Data and Comparison with Theory	1967
20150013348	Marburg - A New Pallasite	1967
20150013349	Tables for the Calculation of Radial Multipole Matrix Elements by the Coulomb Approximation	1967
20150013350	Photodestruction of Hydrogen Molecules in HI Regions	1967
20150013351	Microspectrochemical Analysis of Minerals with the Laser Microprobe	1967
20150013482	Elastic Scattering of Low Energy Electrons from Molecular Hydrogen	1967
20150013483	Interpretation of Defects in Field Ion Images: FCC Materials	1967
20150013484	A Model for the Primordial Origin of Monosaccharides	1967
20150013485	An Improved Flow Counter for Detecting Beta Emitting Radioisotopes	1967
20150013486	The Rate Distortion Function of a Gaussian Process with a Weighted Square Error Criterion	1967
20150013493	A New Class of Cyclic Codes	1967
20150013494	Possible Weight Saving from Catalysis of Recombination in Hydrogen Rockets	1967
20150013495	Atomic Shell Structure in Inelastic Collisions	1967
20150013496	Lead-Lead Age of the Bondoc Meteorite	1967
20150013497	Albedo and Earth-Radiation Measurements from OSO-II	1967
20150013498	Density and Heat of Fusion of Folded Chain Polyethylene Crystals	1967
20150013499	Size Distribution of Lunar Surface Materials	1967
20150013500	Analysis of Fluorescence Spectra of Rare Earth Chelates. II. Dipyritydyl Complexes of Europic Chloride	1967
20150013501	Polymeric Schiff Bases. VII. Some Parameters in the Evaluation of the Thermal Stability of Poly-(p-Xylylidene-p-phenylenediamine)	1967
20150013502	Kinematical Equations for Bodies Whose Rotation is Described by the Euler-Rodrigues Parameters	1967
20150013503	Redshifts of Thirteen Radio Galaxies	1967
20150013504	The Rotation and Mass of NGC 1808	1967
20150013505	Definition and Evaluation of Parameters Which Influences the Adhesion of Metals	1967
20150013506	On Solar Elements, Their Physical Parameters and Abundances	1967
20150013507	Direct Assay of (2)P1/2, (2)P3/2 Concentration in Xe(+) Beams by their Relative Charge Transfer Efficiencies	1967
20150013508	Performance of Charring Ablative Materials in the Diffusion Controlled Surface Combustion Regime	1967
20150013509	A Balloon-Borne Diffusing System for IR Radiation from 1-5 Microns	1967
20150013510	Circadian Oscillations of Deep-Body Temperature and Heart Rate in a Primate (Cebus Albafrons)	1967
20150013511	Spectral Dependence of Ultraviolet-Induced Degradation of Coatings for Spracecraft Thermal Control	1967
20150013512	Experimental and Theoretical Investigations of the Chemical Kinetics and Nonequilibrium CN Radiation Behind Shock Waves in CO2-N2 Mixtures	1967
20150013513	Beta-Styryl Nitrene	1967
20150013515	Stochastic Electron Heating and Hydromagnetic Wave Damping	1967
20150013516	Chemical Synthesis of Food for Space Missions	1967
20150013517	Polymeric Schiff Bases	1967
20150013539	Viewing an Orbiting Spacecraft Through Computer Generated Pictures	1967
20150013540	On Optimal Waveform Design Via Control Theoretic Concepts	1967
20150013542	The Origin of Cosmic X-Rays	1967
20150013549	Gross Metabolic Response of Rats to Acute Hypoxia	1967
20150013551	Structural Features of the S-Matrix for the Rotational Excitation of Homonuclear Diatomic Molecules by Atom Impact: Close-Coupled vs. Approximate Computations	1967
20150013552	Interference Reduction in Pulses Second Quarterly Report	1967
20150013605	Eddy-Current-Free Switching of Permalloy Thin Films	1967
20150013606	Dynamic M-H Loop Study of Energy Losses in Thin Ni-Fe Films	1967
20150013608	Pressure Shifts of Highly Excited States of Atoms	1967
20150013609	Calculation of Molecular Band Spectra Assuming a Gaussian Line Profile	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013611	Aliphatic and Alicyclic Hydrocarbons Isolated from Trinidad Lake Asphalt	1967
20150013612	Prevention of Protein Denaturation During Heat Sterilization of Exobiological Experiments: A Concept	1967
20150013613	Enhanced Luminance of the Moon	1967
20150013614	Intermediate Range Intermolecular Forces in H ₂ (+)	1967
20150013615	The Angular Lithium-Drifted Germanium Detector as a Standard-Geometry Gamma Spectrometer	1967
20150013616	Neighboring N-Carboxyalkyl Group Participation in the Hydrolysis of Phthalimide	1967
20150013618	Upper Limits to the Hard X-Ray Flux from the Quiet Sun and Jupiter	1967
20150013619	Multi-Phonon Relaxation of Near-Infrared Excited States of LaCl ₃ :DY(exp 3)(+)	1967
20150013620	Oxygen Isotopes: Experimental Vapor Fractionation and Variations in Tektites	1967
20150013621	EPR and Spectroscopic Study of LaCl ₃ :Eu(Exp 2)(+) and Associated Color Centers	1967
20150013622	Primordial Gases in the Jodzie Howardite, and the Origin of Gas-Rich Meteorites	1967
20150013625	The Distribution of Irregularities in the Antarctic Ionosphere. I - Mean Seasonal Maps at Sunspot Minimum	1967
20150013626	Infrared Radiation Associated with Protostars	1967
20150013627	The Optical Properties of Evaporated Iridium in the Vacuum Ultraviolet from 300 Angstrom to 2000 Angstrom	1967
20150013628	The Effect of Vacuum on Various Mechanical Properties of Magnesium	1967
20150013629	Orbital Laboratory Vehicle and Experiment Control	1967
20150013644	Observation of Tunable Optical Parametric Fluorescence	1967
20150013645	Oscillator Strengths for Resonance Lines of Some Silicon and Sulfur Ions	1967
20150013713	Evaluation of Several Intense Light Sources Used for Actinism Studies	1967
20150013715	Pallasitic Meteorites - Implications on the Deep Structure of Asteroids	1967
20150013716	Jet-Shock Interactions by the Method of Characteristics	1967
20150013717	Discharge Characteristics of Some Copper Oxide-Magnesium Thermal Cells	1967
20150013718	The Input Admittance of a Rectangular Waveguide Fed Aperture Under an Inhomogeneous Plasma: Theory and Experiment	1967
20150013719	A New High-Temperature Chlorella	1967
20150013721	Isotropic Plasticity of Graphite	1967
20150013723	Extreme Ultraviolet Detector for Airglow Photometry	1967
20150013724	Plasma and Magnetic Field Observations during the Magnetosphere Passage of Pioneer 7	1967
20150013725	Conceptual Study of a Helium-3 Control System for a Nuclear Reactor	1967
20150013726	An Iron Spark Line List in the 10 Angstrom - 18 Angstrom Range and its Comparison with Flare Spectra	1967
20150013727	Infinitely Segmented Electrode Magnetothermoelectric Devices-Adiabatic Effects	1967
20150013728	Gravitationally Induced Electric Fields in Conductors	1967
20150013729	Pivoted-Pad Journal Gas Bearing Performance in Exploratory Operation of Brayton Cycle Turbocompressor	1967
20150013730	A Simplified Method for Calculating Laminar and Turbulent Convective Heat Transfer Over Bodies at and Angle of Attack	1967
20150013731	Neutral Air Waves in the Thermosphere	1967
20150013733	Multicomponent Diffusion in Chemically Reacting Laminar Boundary Layers	1967
20150013734	Thermal Design of Inflatable Spherical Shadow Shields	1967
20150013735	Summary of Gaseous Nuclear Rocket Fluid Mechanics Research Conducted	1967
20150013736	Experiments on the Gravitational Properties of Electrons and Positrons	1967
20150013737	Experimental Oscillator Strengths for the O I 1302-1306 Angstrom and 1152 Angstrom Lines	1967
20150013738	Sky Survey of High Energy Cosmic X-Rays and Spectra of the Sources in the Crab Nebula and Cygnus	1967
20150013739	Stress Dependence of Tensile Creep Rate in Carbons and Graphites	1967
20150013740	Error Study of an Inverse Problem in Arc Physics	1967
20150013741	Evaluation of the Usefulness of the MOL to Accomplish Early NASA Mission Objectives	1967
20150013742	Radiative Lifetimes of BBr and of Ultraviolet Emissions in Electron-Beam Excited BBr ₃ Gas	1967
20150013743	Comparison of Kinetic and Diffusional Models for Solid-Gas Reactions	1967
20150013744	Morphology of Melt Crystallized Polyethyleneterephthalate	1967
20150013745	The Photoionization Cross Section of Beryllium Near Threshold	1967
20150013746	Interactions Between Discimilar Microbial Populations and Their Environment	1967
20150013747	Application of Solid-State Energy-Dispersion Spectrometer in Electron Microprobe X-Ray-Analysis	1967
20150013749	Buckling of Circular Cylindrical Photoelastic Shells in Axial Compression	1967
20150013750	Inflatable Shells: Non-Symmetric In-Service Loads	1967
20150013751	OGO-2 Magnetic Field Observations during the Magnetic Storm of March 13-15, 1966	1967
20150013752	Transport Processes in Magnetosolidmechanics-Adiabatic Conditions	1967
20150013753	Bacterial Diets: Nutritional Evaluation in Growing Rats	1967
20150013755	A Parallel Processor Via LSI	1967
20150013756	Singular Variations Near the Contact Discontinuity in the Theory of Interplanetary Blastwaves	1967
20150013757	Micro-Scale Structures in the Interplanetary Medium	1967
20150013759	Simultaneous Observation of Electron Fluxes, Ionization and Luminosity in an Aurora	1967
20150013760	A Crude Estimate of the Relation Between the Solar Wind Speed and the Magnetospheric Electric Field	1967
20150013761	Preliminary Results from the Javelin 8.45 VLF Rocket Experiment	1967
20150013762	An Analysis of the Infrared Continuum of Comets	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150013763	Comparison of Sensitivity for the Perception of Bodily Rotation and the Oculogyral Illusion	1967
20150013764	The Pathophysiology of Aeroembolism Following Injection of Oxygen During Retroperitoneal Insufflation Studies	1967
20150013765	Quasilinear Theory of Hydromagnetic Waves in Collisionless Plasma	1967
20150013767	Human-Factors Aspects of Orbital Operations	1967
20150013769	Current and Future Problems in Earth and Planetary Atmosphere Entry	1967
20150013770	Explosions in Condensed-Phase Nitric Oxide	1967
20150013771	Aperture Coupling of Near-Confocal Optical Resonators	1967
20150013774	The Expansion of HII Regions	1967
20150013775	Neutron Activation Determination of Gold in Iron Meteorites and Sulfide Nodules	1967
20150013776	Neutron Activation Determination of Vanadium in Iron Meteorites and Sulfide Nodules	1967
20150013777	The Post-Formational History of an Hypersthene Chondrite-Beenham	1967
20150013778	A Model for High-Energy Charge Transfer	1967
20150013844	[Need for Greater Care in Specifying the Geomagnetic Cut-Off Appropriate to High Altitude Balloon Flights for Observations of the Primary Cosmic Radiation]	1967
20150013846	Axially-Symmetric Eddies Embedded in a Rotational Stream	1967
20150013847	Application of Information Theory to the Study of the Stimulating Effects of Ionizing Radiation, Thermal Energy, and Other Environmental Factors: Preliminary Ideas for a Theory of Organization	1967
20150014131	Heterogeneous Nucleation of Bi and Ag on Amorphous Substrates (In Situ Electron Microscopy Studies)	1967
20150014132	Fatty Acid Synthetase of Saccharomyces Cerevisiae	1967
20150014133	Sudbury Structure, Ontario: Some Petrographic Evidence for an Origin by Meteorite Impact	1967
20150014135	Particle-Induced Electromagnetic De-Excitation of Nuclei in Stellar Matter	1967
20150014136	Excitation of Atomic Hydrogen by Protons	1967
20150014137	Effect of Propellant Injection Through Electrodes on Potential Distribution in an MPD Arc	1967
20150014138	Vibronic Transitions of Hexagonal Rare Earth Trichlorides: I. Pr(3+) and Nd(3+) in NdCl(sub 3)	1967
20150014139	The Steady-State Thermal Design of Space Radiators	1967
20150014140	Estimate of the Total Energy of the BeH2 Molecule	1967
20150014141	Spectroscopic Observations of Nineteen Quasi-Stellar Radio Sources	1967
20150014143	Transverse Fluctuations in the Interplanetary Magnetic Field: A Requisite for Geomagnetic Variability	1967
20150014145	Improved Method for Measurement of Ray Deviations in an Optically Inhomogeneous Field	1967
20150014146	Kinetics of the Fluorination of Beryllium	1967
20150014147	Analysis of Stress-Rupture and Creep Properties of Tungsten Fiber Reinforced Copper Composites	1967
20150014148	Energy Transfer: A Spectroscopic Ruler	1967
20150014149	Stormer Theory and Euler Potentials	1967
20150014150	Rotational Relaxation in Polar Gases	1967
20150014152	The Magnetic Morphology of Solar Streams and its Relation to Geomagnetic Storms	1967
20150014155	An Attempt to Photograph the Earth's Cloud Satellites from an Aircraft	1967
20150014169	An Image Dissector Camera System for the Applications Technology Satellite	1967
20150014170	Genesis of Continental Diabases and Oceanic Tholeiites Considered in Light of Rare-Earth and Barium Abundances and Partition Coefficients	1967
20150014171	Evolution of Stars of Low Mass	1967
20150014172	Temperature Measurements in Noctilucent Clouds	1967
20150014173	On Row-Column Permutation of Sparse Matrices	1967
20150014174	Hall Mobility in SrTiO3	1967
20150014175	Discharge Chamber Optimization of the SERT 2 Thrustor	1967
20150014176	Operant Conditioning of Eye Movement in the Monkey (Macaca Nemestrina)	1967
20150014177	Space Power and the Progression of Manned Space Flight Requirements	1967
20150014178	Optimal Discounted Stochastic Control for Diffusion Processes	1967
20150014179	Electronic Spectrum of Crystalline Lithium Fluoride	1967
20150014410	Catalog of Launch Vehicle Tests Saturn V Apollo/Saturn 502 Section I of III Sections - Test Procedures	1967
20150014411	The Influence of the Gas Environment on the Enzymatic Activities of Chlamydia: I. Catabolism of Pyruvate, Alpha-Ketoglutarate, and Glutamate	1967
20150014413	Deuteron Breakup by 42-MeV Alpha Particles	1967
20150014414	The Effect of a Class of Pulse Frequency Modulation Techniques on Uncorrelated Random Inputs	1967
20150014415	Corrosion Product of the Tantalum - Interstitial Oxygen - Potassium System at 1800 F (982 C)	1967
20150014416	A Resume of the Dynamic Stability Problems of Ballistic Bodies at Transonic Speeds	1967
20150014417	Diffusion in K(2)O-SrO-SiO(2) System I - Effective Binary Diffusion Coefficients	1967
20150014419	Stable Periodic Orbits About the Sun Perturbed Earth-Moon Triangular Points	1967
20150014420	An Unusual Observation of the Glory	1967
20150014421	Evidence of Contraction of the Earth's Thermal Plasmasphere Subsequent to the Solar Flare Events of 7 and 9 July 1966	1967
20150014422	Sonic Booms, What are They and Will They Become an Accepted Part of Our Environment?	1967
20150014423	The Admittance of a Parallel-Plate Waveguide Aperture Illuminating a Perfectly Conducting Sheet	1967
20150014430	An Experimental Investigation of Hypersonic Turbulent Boundary Layers in Adverse Pressure Gradient	1967
20150014434	Gemini TCA Anomalies Investigation	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150014435	Nonlocal Energy Deposition in the Ionosphere	1967
20150014436	Elastic Displacements for Various Edge-Cracked Plate Specimens	1967
20150014437	Effects of Metals on Acetyl-CoA Carboxylase Activity of Saccharomyces Cerevisiae	1967
20150014441	Electromagnetic Reflection from a Plane-Layered Lunar Model	1967
20150014442	Stimulus Duration and the Human Heart Rate Response	1967
20150014443	On the Temperature of Interstellar Grains	1967
20150014444	Thermal Diffusion of Gas Mixtures in Chemical Equilibrium	1967
20150014445	Magnitude Estimates of Rotational Velocity During and Following Prolonged Increasing, Constant, and Zero Angular Acceleration	1967
20150014446	Photocurrents at a Metal-Electrolyte Interface	1967
20150014448	Free Vibration of Ring and Stringer Stiffened Cylindrical Shells with Stiffeners Treated as Discrete Elements	1967
20150014449	The Influence of Internal Friction on the Stability of High Speed Rotors	1967
20150014450	The Influence of Lubricant Compressibility on the Performance of the 120 Degree Partial Journal Bearing	1967
20150014451	Comparison of Three Methods to Determine Thresholds for the Perception of Passive, Bodily Angular Acceleration	1967
20150014452	Studies of Parameter Significance in Shell-Liquid Impact	1967
20150014453	A Far Ultraviolet Polarization Analyzer for Rocket Use	1967
20150014455	Early-Type Magnetic Stars	1967
20150014456	Consequences of the Modified Partially Conserved Axial-Vector Current Hypothesis in Photopion Production	1967
20150014457	Effect of 50 MeV Electrons on the Ultimate Fermi Level in Germanium	1967
20150014459	Kerr Metric, Rotating Sources and Machian Effects	1967
20150014460	On Auroral Electrons	1967
20150014461	A Nonlinear Boundary Layer for Shells of Revolution	1967
20150014462	Temperature Dependence of the NO(+) plus e Dissociative Recombination Rate Coefficient	1967
20150014517	The Determination of Electronic Band Structure Using Photoemission Studies	1967
20150014518	Station Keeping Studies	1967
20150014519	Multicolor Photoelectric Photometry of the Brighter Planets I. Program and Procedure	1967
20150014520	Cardiac Output and Regional Blood Flow in Conscious Rats Exposed to Acute Hypoxia	1967
20150014521	Optical Identification of the 12.28 eV Quadrupole Transition in Molecular Nitrogen	1967
20150014542	Diffusion of Fast Electrons in Stochastic Magnetic Fields	1967
20150014543	Reaction Rates of Carbon Monoxide with Hydroxyl Radicals and Oxygen Atoms	1967
20150014544	Some Physiological and Biochemical Changes in Bacterial Cells Exposed to One Atmosphere of Oxygen	1967
20150014545	Large-Scale Ionospheric Irregularities Deduced from Faraday Rotation Observations at Three Stations	1967
20150014546	Notes on the Lunar Magnetosphere	1967
20150014560	Earth Albedo Measurements: July 1963 to June 1964	1967
20150014561	Conjugate Effects on Energetic Electrons between the Equator at 6.6 R(sub e) and the Auroral Zone	1967
20150014562	Polymeric Schiff Bases. XI. : Prototype Reactions of Some Monomeric Diarylidene Azines	1967
20150014563	Buoyancy Effects on Forced Convective Boiling	1967
20150014565	Use of High-Resolution Gamma-Ray Detectors in Instrumental Activation Analysis of Standard Rocks	1967
20150014566	Character of the Auto-Ionizing D States in Helium	1967
20150014567	Some Heat Transfer Problems Inside an Equilateral Triangular Region	1967
20150014568	Core Excitations in Ag-107, Ag-109, In-113, In-115, Sb-121, and Sb-123 Resulting from Inelastic Scattering of 42 MeV Alpha Particles	1967
20150014569	Marburg - A New Pallasite	1967
20150014570	Characterization of Ribulose Diphosphate Carboxylase and Phosphoribulokinase from Thiobacillus Thioparus and Thiobacillus Neapolitanus	1967
20150014571	A Radar Study of the Lunar Crater Tycho at 3.8 and 70 cm Wavelength	1967
20150014572	Energetic Solar Flare X-Rays Observed by Satellite and Their Coorelation with Solar Radio and Energetic Particle Emission	1967
20150014573	Some Meteorological Observations of the Southern Hemisphere Stratosphere and Mesosphere	1967
20150014574	Optical Environment About the OGO-III Satellite	1967
20150014575	Effect of High Vacuum on the Fatigue Properties of Magnesium and Two Magnesium Alloys	1967
20150014576	Spectra of Ions in the Fluorine I Isoelectronic Sequence from Sc XIII to Cu XXI	1967
20150014577	The Carbon Content of the Helium Star BD + 10 Degree 2179	1967
20150014578	On the Comparison of Temperature Jumps Across the Earth's Shock - Vela 3 Satellites and Gasdynamic Theory	1967
20150014579	The Structure of Tail Rays in the Coma Region of Comets	1967
20150014597	Orbit Determination for Lunar Orbiter	1967
20150014598	Theoretical Predictions of Spectral Line Formation by Noncoherent Scattering	1967
20150014599	Compression of the Plasmasphere during Geomagnetically Disturbed Periods	1967
20150014600	D Region Electron Density Measurements During the Solar Eclipse of May 20, 1966	1967
20150014601	Time-Dependent Study of the Emitted Light and Electron Density in a Low-Pressure Helium Afterglow	1967
20150014603	Survey of the Region of I Lacerta	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150014604	Resolution of Racemic Aspartic Acid, Tryptophan, Hydroxy and Sulfhydryl Amino Acids by Gas Chromatography	1967
20150014605	Summary of Gemini Extravehicular Activity	1967
20150014606	The Instrument Function of a Wide-Angle Michelson Interferometer Spectrometer	1967
20150014607	Prebiotic Porphyrin Genesis: Porphyrins from Electric Discharge in Methane, Ammonia and Water Vapor	1967
20150014608	The Early Effects of Increasing Solar Activity Upon the Temperature and Density of the 1000 Kilometer Ionosphere	1967
20150014609	Input Admittance of a Circular Waveguide Aperture Covered by a Dielectric Slab	1967
20150014610	Kinetics of Rare Gas Release from Hydroquinone Clathrates	1967
20150014611	The Thermodynamic Functions of an Ionizing Atomic Plasma	1967
20150014612	Baryon Inhomogeneity in the Early Universe	1967
20150014613	Interaction of Lithium with Oxygen and Defects in Silicon	1967
20150014614	The Observation of a Near Monoenergetic Flux of Auroral Electrons	1967
20150014615	The Correspondence of Blunt Body Nonequilibrium Shock Layers for Application to Streamtube Methods	1967
20150014616	The Maxwell Relations in the Statistical Atom Model	1967
20150014617	MIE Scattering in the Atmosphere at Laser Wavelengths	1967
20150015135	Maintenance Manual. Acceptance Checkout Equipment-Spacecraft	1967
20150015548	Operational Readiness Inspections of Facilities and Equipments Involving Man in a Vacuum or Oxygen-Rich Environment	1967
20150015562	Gemini Program Flight Summary Report - Gemini Missions I Through XII	1967
20150015915	Apollo/Saturn V Mobile Launcher Complex 39 Operations and Maintenance - Vehicle Hold-Down Arms and Service Platforms	1967
20150015916	Apollo/Saturn V Mobile Launcher Complex 39 Operations and Maintenance - Mount Mechanisms	1967
20150016055	Venus '70 Probe Study	1967
20150016110	S-II Program - NASA Space Boosters (Original Plan)	1967
20150016196	350K Liquid Oxygen Turbopump	1967
20150016211	Tables of the Composition and Transport Coefficients of Partially Ionized Argon	1967
20150016215	Advanced Engine Aerospike Experimental Program	1967
20150016217	Advanced Engine Aerospike Experimental Program: Quarterly Technical Progress Report July-September 1967	1967
20150016218	J-2 Program	1967
20150016469	Experimental Assembly and Sterilization Lab - Routine Cleaning and Decontamination	1967
20150016614	Six-Degree-of-Freedom Analysis of Lifting Entry Vehicle Terminal Landing Volume I: Interim Scientific Report	1967
20150016616	Investigation of High and Low Temperature Resistant Explosive Devices	1967
20150016617	Experimental Assembly and Sterilization Lab. Process Specification Decontamination of Component Parts, Tools and Equipment	1967
20150017549	An Oxygen Compatibility and Safety Audit of Apollo EMU Portable Life Support System and Associated Airborne Equipment Components, Parts, and Materials	1967
20150017773	Liquid Propellants Safety Handbook	1967
20150018499	The Development of Structural Adhesive Systems Suitable for Use with Liquid Oxygen	1967
20150018501	The Development of Structural Adhesive Systems Suitable for Use with Liquid Oxygen	1967
20150018541	NASA/USAF Liquid Propellant Hazard Program (PYRO)	1967
20150018542	Review of Fire Detection Equipment	1967
20150018992	Apollo/Saturn V Mobile Launcher Complex 39 Operations and Maintenance: Extensible Columns	1967
20150019308	Apollo/Saturn V Mobile Launcher - Launch Pad Operations and Maintenance: Egress Chute	1967
20150019698	Apollo-Saturn 501 Flight Mission Reliability Analysis (U), Fourth Quarter 1966	1967
20150019703	350K Liquid Hydrogen Turbopump	1967
20150021190	Fire Prevention in Manned Spacecraft and Test Chamber Oxygen Atmospheres	1967
20150021216	Quantitative Guidance for Material Control to Minimize Fire Hazards in Spacecraft	1967
20150021217	Detonation Hazards with "Safe" Industrial Solvents	1967
20150021342	Studies of the Stability of Condensation Polymers in Oxygen-Containing Atmospheres	1967
20150021343	Kinetics and Gaseous Products of Thermal Decomposition of Polymers	1967
20160001079	Threshold of Phase-Locked Parametric Oscillators	1967
20160001084	Minutes: Interagency Committee on Back Contamination	1967
20160001085	Minutes. Interagency Committee on Back Contamination	1967
20160001086	Minutes. Interagency Committee on Back Contamination	1967
20160002020	[Remarks on Alternate Interpretation to the Identification of the Lunar Wake Observed in December 1963 by the IMP-I Magnetic Field Experiment]	1967
20160002891	Computer Program Deficiency Areas: A Report by the Working Group on Design Automation	1967
20160002892	Maintenance Manual: Acceptance Checkout Equipment-Spacecraft	1967
20160002896	Light Observation Helicopter (LOH), OH-6A, Cayuse	1967
20160002897	The Calculation of Turbulent Boundary Layers with Injection	1967
20160002904	Computer Program for the Conversion of Thermogravimetric Analysis Data	1967

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160003000	A Two-Variable Asymptotic Solution for Three-Dimensional Solar Powered Low-Thrust Trajectories in the Vicinity of the Ecliptic Plane	1967
20160003644	TRW LM Descent Engine End Item Acceptance Test Plan and End Item Test Inspection Plan	1967
20160003784	Integrated Procedures Systems, Checks, Testing, and Shutdown for TP-WSTF-101-Rev. B Test 001	1967
20160003801	Critical Design Review on Block II Environmental Control Subsystem	1967
20160003802	Report on the Qualification Testing of the North American Aviation Apollo Propellant Utilization and Gaging System (Block II)	1967
20160003817	Acceptance Test Specifications Individual Test for Transfer Control Assembly, RCS Fuel	1967
20160003837	Acceptance Test Specification Individual Test for Control Unit, Liquid Nitrogen Thermal Simulator	1967
20160003844	Acceptance Test Specification Individual Test for Interface Unit, EPS Checkout	1967
20160003845	Acceptance Test Specification Individual Test for Development Flight Instrumentation (DFI) Stimuli Generator	1967
20160003846	Acceptance Test Specification Individual Test for Control Station Pneumatics	1967
20160003851	Acceptance Test Specification Individual Test for Engine Firing Control Station	1967
20160003937	Acceptance Test Specification Individual Test for Audio Control Box	1967
20160003985	Report of LTA-3 D/R, TM-2 A/R Launch and Boost Vibration and Acoustic Test	1967
20160003997	Results of "Quick Look" Splice Tests	1967
20160003999	Results of EVA Antenna Qualification Test (Certification Test Requirement) - LCQ-380-022	1967
20160004008	Test Results of LM 224 Water Evaporator Discharge Duct and Thrust Deflector Certification Test Requirement (LCQ 330-075)	1967
20160004019	Test Project Engineering Report Countdown/Countdown Demonstration TCP-KL-620-A-1-LTA-10R	1967
20160004020	Test Project Engineering Report Attitude and Thrust Vector Control Polarity Test OCP- KL-0001-B-LM-1	1967
20160004021	FMES/FCI GN&C Design Mission Computer Program CTR Test Report	1967
20160004023	FMES/FCI-LM-1 Software Verification Test Report (Burst 116)	1967
20160004029	Cable, Electric, Twisted Multiconductor Fluorohydrocarbon/Polyimide Insulated (Type IV) Lightweight, Abrasion-Resistant	1967
20160004033	Supplemental Instrumentation Functional Set Detail Performance Specification	1967
20160004099	Thermal Control System Functional Set, Detail Performance Specification	1967
20160004100	LEM Data Reduction System Design Control Specification For	1967
20160004109	Leak Detection in Pressurized Fluid Systems, Test Procedures For	1967
20160004125	LM-3 Customer Acceptance Readiness Review (CARR) Report (Phase III)	1967
20160004126	LM-2 Customer Acceptance Readiness Review (CARR) Report (Phase I)	1967
20160004133	End item Calibration Specification Helium Unit, Ready Storage	1967
20160004172	End Item Calibration Specification GSE Signal Conditioner	1967
20160004176	End Item Calibration Specification Test Station, Universal Counter and Register LCS-410-3190	1967
20160004177	End Item Calibration Specification Antenna Select Switch Box VHF/UHF LDW410-31060	1967
20160004586	HEC Cold Flow Report	1967
20160004593	Report on The Qualification Testing of the North American Aviation Apollo Propellant Utilization and Gaging System (Block II)	1967
20160004612	Lunar Module Ascent Engine	1967
20160004622	Failure Analysis of Apollo Launch Escape Motor Cases ED-204 and ED-206 During Hydrotest at Excelco Developments, Inc.	1967
20160009388	Master Work Package Document: Apollo Technical Integration and Evaluation Program	1967
20160010803	Status of MSC Contamination Specifications and Procedures	1967
20160012429	MSC/Apollo Program Management	1967
20160012448	Apollo Applications Flight Mission Assignments	1967
20160013566	VOYAGER Technical Facilities Plan	1967
20160013578	Study of a 1973 Venus-Mercury Mission with a Venus Entry Probe: Volume II	1967
20160013579	Study of a 1973 Venus-Mercury Mission with a Venus Entry Probe	1967
20160013783	Mariner Venus/Mercury 70 (MVM70) Mission Feasibility Study	1967
20160013784	Manned Spacecraft Recovery Force, Atlantic: Support Information for the Press, Apollo 7	1967
20160013796	A Building Block Approach to Mars and Venus Planetary Missions in the 1970's Utilizing a Modular Spacecraft	1967
20160013816	Flight Readiness Review Report for Lunar Module Number One (LM-1)	1967
20160013817	Flight Readiness Review Report for Lunar Module Number One (LM-1)	1967
20160014766	Saturn Launch Vehicle Systems Handbook: AS-204/LM-1	1967
20160014767	Flight Mission Rules Apollo 4 (Spacecraft 017/Saturn 501) Final	1967
20160014769	Apollo 4: Spacecraft 017/Saturn 501 Flight Plan	1967
20160014770	Press Kit: First Saturn V Flight Test	1967
20160014773	Customer Acceptance Readiness Review Project Apollo CSM 012	1967
19640060182	Boeing structural design concept, model ds- 1	1968
19650001704	Modifications of the ocular refraction of pilots at great altitudes <les modifications de la refraction oculaire chez les pilotes des grandes altitudes>	1968
19650005333	A study of density variations in free molecular flow through cylindrical ducts due to accommodation coefficients	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19650056875	Study of surface properties of atomically-clean metals and semiconductors. examination of /0001/ surfaces of cds by means of low-energy electron diffraction fifth progress report, 1 jan. - 31 may 1964	1968
19650056941	Endurance testing of welded joints with st 52 <dauerfestigkeitsversuche mit schweissver- bindungen aus st 52<	1968
19680003883	The permeability of plastic films and foils to gases, vapors and liquids	1968
19680004583	Nonlinear heat transfer and temperature distribution through fins and electric filaments of arbitrary geometry with temperature-dependent properties and heat generation	1968
19680004621	Measurements of ground effect on a low-aspect- ratio ogee-wing airplane model and calculations of landing-flare trajectories	1968
19680004798	An apparatus for differential-thermal analysis or isothermal decomposition with simultaneous mass-spectrometric analysis	1968
19680005115	A geometrically nonlinear analysis of arbitrarily loaded shells of revolution	1968
19680005160	Nonsteady evaporation of liquid propellant drops - The Grossman model	1968
19680005169	Experimental investigations of simulated meteoroid damage to various spacecraft structures	1968
19680005328	Isotropic plasticity of graphite	1968
19680005434	Effects of pavement texture on wet-runway braking performance	1968
19680005516	Secondary-signal control impulses, electrical reactions and sensitivity of analyzers	1968
19680005669	Comets in the solar wind	1968
19680005670	Services provided in support of the planetary quarantine requirements Quarterly report, Oct. - Dec. 1967	1968
19680005697	Amino acids of fulvic and humic acids in certain types of soils	1968
19680005774	Determination of the thermal conductivity, the specific heat and the weight by volume /gross density/ of insulations for rocket tanks filled with liquid hydrogen. Part 1 - Description of measurement procedure	1968
19680005850	Linear theory of shell, parts 1 and 2	1968
19680005898	The Electron-Photon Cascade Induced in Lead by Photons in the Energy Range 15 to 100 Mev	1968
19680005987	Theory of deformable bodies	1968
19680006008	Problems of space biology. Volume 5 - Dynamics of the cerebral blood volume under normal conditions and gravitational stresses	1968
19680006043	On the interaction of atoms with the surface of a solid	1968
19680006068	Calculation of the forces acting on an impurity of a metal subjected to a temperature gradient	1968
19680006228	Wide band quasi optic prism components	1968
19680006253	Space development in Japan	1968
19680006326	Calculation of the temperature fields in a blade of a high temperature gas turbine during internal cooling	1968
19680006327	Computations of elastic tensometric elements	1968
19680006388	Rate of nucleation of the new solid phase in the thermal dissociation reaction of magnesium carbonate	1968
19680006398	Kinetics of decomposition of amino acids labeled with C14 in soils	1968
19680006399	The infrared absorption spectra of metal oxides	1968
19680006401	Comparison of two methods for estimating sound intensity	1968
19680006537	Notes on my paper linear discontinuous boundary problems in the theory of functions, singular integral equations and some of their applications	1968
19680006721	Life in space - New advances in space biology	1968
19680006817	Motion of conducting bodies in a magnetic field	1968
19680006838	Technology Feasibility Spacecraft /TFS/. Volume 4 - Sterilization and bioassay Final report	1968
19680007231	Magnetobremes /synchrotron/ emission and reabsorption	1968
19680007344	Investigation of a radiator system with conic heat transferring spikes	1968
19680007370	Studies in Physical Gas Dynamics	1968
19680007371	Morse Potential Parameters for C-C, C-O, and C-N Interactions	1968
19680007442	Investigation of visual work capacity in space flight	1968
19680007826	Bibliography on Aerospace Medicine and Bioastronautics, 1967	1968
19680007908	Coatings and surface treatments for longtime protection of Ti-8Al-1Mo-1V alloy sheet from hot salt stress corrosion	1968
19680008073	Measurement of pulse distortion in digital information transmission	1968
19680008094	Calculation of the turbulent boundary layer and of transition on a plane plate	1968
19680008140	Book review of textbook on fire prevention	1968
19680008142	New method for determining the characteristics of complex dynamic systems	1968
19680008143	The French geodetic satellites Diademe 1 and 2 practical contribution to navigation by satellite	1968
19680008270	A quantum mechanical theory of adsorption of inert gas atoms on a solid surface	1968
19680008431	Supersonic flows around cones at incidence	1968
19680008432	Infrared radiation method of determining thermal diffusivity, heat capacity and thermal conductivity of solid materials	1968
19680008433	Phase transitions in ferroelectrics	1968
19680008552	Horizons in the development of aircraft and conclusions	1968
19680008554	Opinions concerning fatigue and man's adaptation to heat	1968
19680008599	The direct adsorption of CO2 by quicklime	1968
19680008602	Influence of temperature on the pyrolysis of calcium carbonate in an isothermal container in a stream of nitrogen or under constant vacuum	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680008631	Temperature and concentration measurements in model exhaust plumes using inversion techniques	1968
19680008647	Calculating the surface energy of metals with a body-centered lattice	1968
19680008650	Use of electronic computers for determination of the aerodynamic characteristics of aircraft	1968
19680008664	The problem of electrolytic metal overpotential	1968
19680008668	The formation of binary stars	1968
19680008669	Artificial initiation of the supersonic transition	1968
19680008705	Use of a gas under variable pressure to control reactivity in power reactors	1968
19680008723	Fundamental principles for designing aircraft	1968
19680008724	Use of radiotelemetry in space medicine	1968
19680008734	Notes on the problem of controlling manned spacecraft	1968
19680009024	Properties and applications of molecular forces	1968
19680009344	Use of high purity materials in thermometry	1968
19680009346	Recent developments in wind tunnel measurements of aerodynamic derivatives	1968
19680009348	Riemann's problem with continuous coefficient	1968
19680009349	Approximate calculation of the surface tension of metals	1968
19680009352	Determination of parameters of noctilucent clouds surveyed in 1964	1968
19680009366	Energy levels and filling sequences	1968
19680009523	Load relief systems for launch vehicles	1968
19680009553	Fundamentals of the Aerodynamics of Hypersonic Velocities	1968
19680009554	Fundamentals in the theory of a wing profile in a supersonic flow	1968
19680009555	Theory of a wing with finite span in supersonic flow	1968
19680009556	Dipole moment of the double layer of metallic surfaces	1968
19680009557	Turbulent boundary layer of a dissociated gas at the inlet section of a tube	1968
19680009595	Lunar beacons - A preliminary look at their position estimation and their use in lunar orbit estimation	1968
19680009729	Ten years of space research in the USSR	1968
19680009890	Certain aspects in the investigation of noctilucent clouds	1968
19680009892	The lunar and planetary X-ray diffraction program - A summary	1968
19680009895	The pumping speed for carbon dioxide by the action of a surface cooled by liquid nitrogen at gas temperatures ranging from 136 deg K to 548 deg K	1968
19680009930	Weightlessness research at O.N.E.R.A.	1968
19680010014	Anhydrous calcium dioxide and the constitution of its hydrates	1968
19680010018	Influence of east-west and return trips on the circadian rhythms of diuresis and urinary elimination of sodium and potassium	1968
19680010022	Morphological studies of noctilucent clouds	1968
19680010023	Oxygen in silicon	1968
19680010102	Transactions of the Central Aerological Observatory, volume 52. Results of rocket investigations of the atmosphere during the International Geophysical Year and the International Geophysical Cooperation	1968
19680010279	Hydrated calcium peroxides	1968
19680010280	Mechanisms of regulation of thermal homeostasis in the work process	1968
19680010282	Emission of photons and electron positron pairs in a magnetic field	1968
19680010284	Investigation of meteorological and ionospheric conditions of the occurrence of noctilucent clouds in Siberia	1968
19680010316	Spectrophotometric determination of titanium in ferro-niobium with diantipryl methane	1968
19680010321	Properties of generalized root-loci	1968
19680010333	Effect of various drinking patterns on diuresis under high air temperature and physical stress conditions	1968
19680010354	Quantitative relationship between stimulus and effect in the static organ	1968
19680010537	Over tension and interfacial chemistry	1968
19680011972	Rotorcraft	1968
19680012067	Directional distribution in the reflection of heat radiation and its effect on heat transfer	1968
19680012215	Fluorine Hydrogen Thrust Chamber Heat Transfer Investigation Final Status Report	1968
19680012333	Physics of planets	1968
19680012552	Peroxides of the alkaline earths	1968
19680012568	Theory of a supersonic gas ejector with a cylindrical mixing chamber	1968
19680012576	Food for Space Flight	1968
19680012741	Alimentary behavior and organic adaptation to desert zones	1968
19680012743	Protection of naval engineer personnel against heat	1968
19680012755	Electrochemical Data. Part 9 - Electrolytic Conductivity of Aqueous Solutions of Hydrofluoric Acid	1968
19680012758	The corrosion resistance of certain metallic materials for astronomical mirrors	1968
19680012778	Synthesis of the analytical results on optimal transfer between Keplerian orbits	1968
19680012782	On the causes of discontinuity in stage characteristics of an axial compressor with a relatively large hub diameter	1968
19680012783	On the effect of external conditions on the development of frog eggs	1968
19680012793	Russian rocketry, a historical survey	1968
19680012840	Properties and Applications of Photochromic Glasses	1968
19680012861	Injection of a plasma into a closed magnetic trap with a double-helix field	1968
19680012875	Effects of decontamination and sterilization on spacecraft polymeric materials	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680012879	Basic principles, methods, and objectives of reliability operations	1968
19680012909	Axis of the zodiacal light and the constants of its plane of symmetry	1968
19680012914	Study of thermocouples for measurement of high temperatures	1968
19680012932	Investigation of the thermal stability of the microsurface of astronomical mirrors fabricated from AMg6L alloy with chromium and nickel coatings	1968
19680012993	Scattering of light in a turbid medium	1968
19680013098	Astrophysical phenomena and radiocarbon	1968
19680013111	Free amino acids in the soil	1968
19680013165	Plan of operations - February 1968. Geodesy program RCP 133	1968
19680013172	Analysis of flight problems - Lunar Orbiter	1968
19680013379	Concerning the influence of post-maturity of ova on the sex ratio of frogs and butterflies	1968
19680013946	The determination of the nickel-electrode capacity from the drop in potential after turning off the polarizing current	1968
19680013977	Horizontal and amacrine cells of the retina - Properties and mechanisms of their control over the bipolar and ganglionic cells	1968
19680013987	Helicopters - Calculation and design. Volume 2 - Vibrations and dynamic stability	1968
19680014006	Schwarz's formula for the differential equation partial of w with respect to z bar plus b times w bar equals zero	1968
19680014042	Mechanism of interaction of fast deuterons with nuclei	1968
19680014043	Theoretical and experimental contribution to the study of boundary-layer control	1968
19680014045	Problem of optimum commands of a vertical take-off aircraft	1968
19680014050	Wall flow and flow impingements from the deviation of free jet groups	1968
19680014056	Kinetics of physical processes in a CO sub 2 laser	1968
19680014065	Effects of the flight speed of passenger aircraft on flight noise and of the noise duration on subjective estimates of noise intensity	1968
19680014066	Air cooler for hypersonic wind tunnels	1968
19680014068	Diffuser with conical and stepped channel expansion for reducing gas flow velocity	1968
19680014121	Dynamic features of a spherical gas bubble in fluid	1968
19680014122	Structural changes in chromium during deformation	1968
19680014260	Overripeness of the eggs as causal factor in the appearance of multiple formations and teratisms	1968
19680014694	Manned Spacecraft Center, Houston, Texas	1968
19680014695	Marshall Space Flight Center, Huntsville, Alabama	1968
19680014800	The origin and initial development of life	1968
19680014858	On methods for the determination of the respiratory quotient during rest and work	1968
19680014922	Peculiarities of auroral radar reflections and their connection with the main geomagnetic field and ionospheric currents	1968
19680014938	Aurorae and airglow	1968
19680014987	Current heating of plasma in a closed magnetic trap	1968
19680015002	Investigation of the stability of a two-bladed rotor on an anisotropic base	1968
19680015050	Determination of neutron spectra in a coupled graphite-heavy water reactor	1968
19680015051	Mechanism for the formation of sugars from formaldehyde, part 2	1968
19680015056	A spatio-temporal analysis of velocity fields in the solar photosphere	1968
19680015124	Research and development of high-performance axial-flow turbomachinery. Volume 1 - Design of turbine-compressor	1968
19680015251	Wallops Station, Wallops Island, Virginia	1968
19680015282	Numerical calculation of the flow in a region of spherical bluntness at small Reynolds numbers	1968
19680015312	Ames Research Center, Moffett Field, California	1968
19680015348	Space and time variations in the light intensity of the twilight sky	1968
19680015352	Convergence and square mean error estimation in solution of particular boundary-value problems for elliptics equations by the straight-line method	1968
19680015359	Magnetic survey of oceans - Geomagnetism	1968
19680015461	Reaction of potassium peroxide with carbon dioxide	1968
19680015472	Theory and classification of eruptive volcanic events	1968
19680016007	A New Look at Transportation Vibration Statistics	1968
19680016196	Kinetics of the thermal dissociation of silver nitrite	1968
19680016254	Film cooling during injection of heterogeneous substance in a turbulent boundary layer	1968
19680016261	Manned underwater laboratory in the North Sea, Institute for Air Medicine of the German Research Institution for Air and Space Navigation and Biological Institution Helgoland build the UWL "Helgoland"	1968
19680016293	Calculation of efficiency and frequency characteristics of cyclotron generators operating at harmonics of the gyrofrequency	1968
19680016294	Dependence of the starting characteristics of an electronic cyclotron generator on the distribution of the high frequency field in the direction of particle drift	1968
19680016295	Flow structure beyond a poorly streamlined body	1968
19680016296	Speech commands in control systems	1968
19680016297	Experimental investigation of heat and mass transfer in the reacting boundary layer on a porous plate	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680016305	A study on the large scale air ejector	1968
19680016323	Characteristic method for computing two-dimensional equilibrium and perfect gas vortex flows	1968
19680016373	EOLE-Pacific 4 field exercise, part 1	1968
19680016374	Saturn IB SA-217 Reference Launch Vehicle	1968
19680016383	Problems associated with the calculation of friction and heat transfer in a turbulent boundary layer	1968
19680016410	Symmetric flow over thin generalized axisymmetric conical bodies in a supersonic inviscid gas stream	1968
19680016411	Application of the method of characteristics to calculations of nonequilibrium supersonic air flow past blunted cones	1968
19680016442	Theoretical analysis of a process of readjustment of the operating regimes of the stages in an axial multistage compressor	1968
19680016705	Problems of evaluation of differential angular correlation measurements with a four-detector apparatus and investigations with Yb-172	1968
19680017592	Development of an acoustic flow transition detector for reentry spacecraft Final report	1968
19680017984	Effects of damage by 0.8 MeV-5.0 MeV protons in silicon surface-barrier detectors	1968
19680018239	Optimizing the dynamic absorber to increase system damping	1968
19680018548	Noise reduction in areas of Tu-124 aircraft takeoff	1968
19680018582	Transfer of resonance radiation in a half space	1968
19680018584	Motion of charged particles in an axially asymmetrical mirror trap	1968
19680018585	Human ability to work under decreased air pressure	1968
19680018586	Finger tip skin temperature in the male and female during immersion in cold water	1968
19680018591	Information capacity of a photon field and the optimization of optical systems for information transmission	1968
19680018592	Effect of the space flight factors of the functional state of the vestibular analyzer. Review of the literature	1968
19680018593	Meteorological conditions associated with the occurrence of noctilucent clouds	1968
19680018594	Determination of spatial coordinates of noctilucent clouds	1968
19680018627	Selecting the conditions for observing noctilucent clouds from the earth's surface and from space ships	1968
19680018643	Propagation of perturbations in a viscous-elastic and a viscous-plastic rod	1968
19680018670	Dynamic characteristics of a sodium oxide plugging indicator	1968
19680018739	Experimental determination of graphite ablation rates under conditions of substantial nonisothermality	1968
19680018754	Observations of noctilucent clouds carried out in Novosibirsk by the Novosibirsk Department of the All-Union Astronomical Geodetic Society in 1964	1968
19680018772	Graphs for the determination of the temperature field in time in rods or sheets of finite length with internal heat liberation	1968
19680018773	Determination of rhenium in rhenium-tungsten alloys	1968
19680018780	The perturbed Galerkin method and the general theory for non-linear equations	1968
19680018785	Investigation of the hydroxyl /7.2/ band in the twilight sky spectrum	1968
19680018811	Effects of the labyrinths on the cervical muscle tonus	1968
19680018865	Breathing apparatus for self-rescue from areas contaminated by irrespirable gases	1968
19680018866	Interplanetary spaceflight missions	1968
19680018896	Visibility conditions of noctilucent clouds	1968
19680018953	Testing of the heat resistance of polyvinyl chloride, part 2	1968
19680018977	Investigation of the plasma behavior in an ac electric field, part 2	1968
19680019045	The possibility of survival of terrestrial organisms under "Martian" conditions /a review of the foreign literature/	1968
19680019053	Length of the mixing chamber of a supersonic nozzle at a zero nozzle coefficient	1968
19680019058	Thermal radiation heat transfer. Volume 1 - The blackbody, electromagnetic theory, and material properties	1968
19680019088	Observations of noctilucent clouds in Gor'kiy in 1964	1968
19680019090	Correlation of data on nearly free-molecular flows	1968
19680019092	Acute and chronic stress syndromes. Part 2 - Psychiatric effects of extreme stresses	1968
19680019157	Chemical problems in the use of propellants for the second stage of the Europa-1 rocket	1968
19680020038	John F. Kennedy Space Center	1968
19680020048	A numerical least-square method for resolving complex pulse height spectra	1968
19680020072	Space programs summary no. 37-50, volume 3 for the period February 1 to March 31, 1968. Supporting research and advanced development	1968
19680020450	Shielding	1968
19680020484	Mossbauer Co 57 source incorporated into palladium	1968
19680020486	Propeller balancing during operation	1968
19680020536	Plasmoid collisions in an axially symmetric magnetic field	1968
19680020549	Blastopore and spina bifida. A comparative morphological, teratological study on malformed frog's eggs	1968
19680020626	Planetary flight handbook. Part 6 - Mars stopover missions using Venus swingbys	1968
19680020693	Oligomerization of isoprene	1968
19680020711	The effect of the medium and of adsorption layers on plastic flow of metals	1968
19680020716	The chemistry of condensed phosphates and arsenates. Part 13 - The course of the dehydration of the dihydrogenmonophosphates of Li, Na, K, and NH sub 4	1968
19680020717	New techniques in investigating handling qualities	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680020718	Certain generalizations in the theory of one-dimensional radiative heat transfer	1968
19680020732	Measurement of the drag of a star-shaped body in hypersonic flow at M approximately 6 and 8	1968
19680020737	Selective excitation of argon ions by metastable helium atoms	1968
19680020738	Consequences of Dirac's positron theory	1968
19680020740	Transformation of a laser emission during forced Raman scattering	1968
19680020741	Thermostable soluble polyimides	1968
19680020742	Contact resistance in silicon carbide contacts	1968
19680020746	The evidence for the transformation of female froglets into male ones following uterine overmaturation of the eggs	1968
19680020747	Overmaturity of the egg as teratogenetic factor	1968
19680020748	Anemometer with a high-frequency electric discharge	1968
19680020749	On the corrosion resistance of metals in freon	1968
19680020787	Apparatus for pulse measurements in electrochemical investigations	1968
19680020788	Modern state and prospects for the solution of the problem of the origin of life	1968
19680020791	Simplified longitudinal-stability analysis for a glider in towed flight	1968
19680020799	Abel's generalized equation and the Cauchy kernel equation	1968
19680020818	The resonance probe	1968
19680020864	Investigation of a supersonic gas flow and heat transfer in the region of an incident shock wave on a cylinder	1968
19680020865	Dependence between the Strouhal and Reynolds numbers in two-dimensional flow past a circular cylinder	1968
19680020866	The effects of overmaturity on eggs of Rana temporaria	1968
19680020881	Study of infrared absorption spectra of solids by the powder method. /Acetates, formates, oxalates, acetylacetonates, sulphates/	1968
19680020895	An experimental investigation of the effect of Mach and Reynolds numbers on the structure of a supersonic rarified gas flow in the stagnation region of a blunt body	1968
19680020897	The spherical pile reactor as thermal thorium breeder. 1. Graphite as moderator	1968
19680020914	The production of gaseous oxygen from salts containing active oxygen	1968
19680020915	On the change of heat transfer intensity through a dielectric in an electric field	1968
19680020916	Slender two-dimensional bodies of minimum wave drag in a nonequilibrium supersonic flow	1968
19680020925	Asymptotic behavior of mass, momentum, and energy fluxes on a semi-infinite plate at large Mach numbers	1968
19680020926	The problem of glider takeoff using a tow winch	1968
19680020927	Experiments on the fertilization of overmature eggs	1968
19680020928	Respiratory quotient and oxygen uptake	1968
19680020957	Measurement of viscosities of gases at high pressure. Part 2 - Viscosities of nitrogen and mixtures of nitrogen and hydrogen	1968
19680020976	Bio-cyclergology and astronautics	1968
19680021014	Investigation of the surface state of nickel and iron cathodes from the drop in potential after disconnecting the current	1968
19680021058	Further investigations on the sexuality problem	1968
19680021083	Mechanism of increasing osmotic resistance of erythrocytes in rats adapted to hypoxia	1968
19680021131	Supplement to our communication on formaldehyde and formate formation	1968
19680021155	Pressure transducers for environmental extremes	1968
19680021159	Lunar Orbiter 5. Extended-mission spacecraft operations and subsystem performance	1968
19680021160	Convergence rates of projection methods for certain nonstationary problems	1968
19680021198	Selection of a wing shape for hypersonic velocities	1968
19680021246	Linear differential games. 2	1968
19680021258	Certain specific features of overlapping spectral line broadening	1968
19680021259	Weightlessness and artificial gravitation	1968
19680021260	Problems on the existence of open and closed form shocks in magnetohydrodynamic shock waves	1968
19680021293	On the problem of sex differentiation	1968
19680021320	Theory of the supersonic boom based on the nonlinear theory of short waves	1968
19680021323	Handling qualities of helicopters with elastically attached rotor blades	1968
19680021339	High temperature energy systems with plasma reactors and inductive magnetoplasma-dynamic convertors	1968
19680021355	Application of microwave spectrometry for the determination of ethyl and isopropyl alcohol impurities in gasoline	1968
19680021356	The non-stationary calculation of flow past a rectangular wing of low aspect ratio	1968
19680021357	Exothermic process in the differential thermal analysis curve of basic magnesium carbonate	1968
19680021358	Polymorphism of copper sulfides in the system Cu sub 2 S-Cu sub 1.8 S	1968
19680021359	Dynamic performance of blade rows	1968
19680021360	Further investigations on the sexuality problem	1968
19680021361	Experimental investigation of sex transformation in the frog	1968
19680021362	Oxygen-generating process of a new "chemical" gas-protective device	1968
19680021383	On the relationship between molecular structure of polyvinyl chloride and its thermal decomposition product	1968
19680021621	Thermodynamic approach to the equation of state of a magnetized Fermi gas	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680021813	The viscosity of liquid nitrogen, carbon monoxide, argon and oxygen as a function of temperature	1968
19680021820	Synthesis of the spatial mechanisms of a landing gear with an "articulated leg"	1968
19680021823	Approximate method for calculating a turbulent boundary layer in the presence of a positive pressure gradient	1968
19680021882	Application of Blowing at the Trailing Edge to the Control of Cascades	1968
19680022006	Practical reliability. Volume 1 - Parameter variations analysis	1968
19680022007	The first treaty on extraterrestrial space	1968
19680022008	Effect of heat stress and prolonged activity on perceptual-motor performance	1968
19680022030	Navigation and traffic control of ships and aircraft with the aid of satellites. 3 - Proposals for remote position finding by utilizing satellites	1968
19680022054	Solar Cells	1968
19680022076	Piezoelectric pressure transducers. Dynamic calibration	1968
19680022084	Investigation of flow structure downstream of a cone in supersonic flow	1968
19680022102	Composition of trace mineral inclusions in cassiterite, from point X-ray spectral analysis	1968
19680022119	Histological distribution and retention of lead, radioactive sulfur, and radioactive calcium in compact bone	1968
19680022133	Effects of low temperatures on the mechanical properties of structural metals	1968
19680022188	Detection of hard beta rays in water through the Cerenkov effect	1968
19680022236	Cyanoacetylene. Part 1 - Synthesis and some chemical properties	1968
19680022441	Multiple and rapid pressure measurements in wind tunnels	1968
19680022475	Calculation of a hypersonic viscous gas flow around a sphere near the stagnation line	1968
19680022490	A preliminary study of orbital corrections by means of a small thrust	1968
19680022509	Strength of nickel and iron films obtained by vacuum condensation	1968
19680022510	Experimental studies on the theory of W. Ritz on transverse vibrations of square plates	1968
19680022511	Some properties of specific integrals of the Cauchy type and their applications	1968
19680022526	Experimental flow field investigations near the sharp leading edge of a cooled flat plate in a hypervelocity, low density flow	1968
19680022544	Calibration of aerodynamic dynamometers and balances at the Modane-Avrieux test center	1968
19680022545	Some oxidation characteristics of carbon- graphite materials	1968
19680022577	Theory of complex systems with a hierarchical control structure	1968
19680022604	Absolute GF-values for Fe/1/ and Fe/2/ lines	1968
19680023209	Equipment of the automatic station "Luna-10" for the investigation of the gamma-radiation of lunar rock	1968
19680023273	Investigation of three-dimensional descent trajectories of lifting re-entry vehicles	1968
19680023275	X-ray dosimeter	1968
19680023542	The celestial guardians "Castor and Pollux" will survey airplanes crossing the Atlantic	1968
19680023543	The "Dioscures" twin satellites recommended by CNES and SGAC for aerial navigation	1968
19680023552	A study on a maximum-speed wind tunnel for re-entry investigations	1968
19680023557	The "Dioscures" for the tactical control of airplanes above the North Atlantic	1968
19680023659	A general method of orbit determination	1968
19680024101	Oscillation mechanism in CO sub 2	1968
19680024163	Microwave pump requirements for field operational broadband rutile traveling-wave masers	1968
19680024364	Aerodynamic characteristics of several hypersonic boost-glide-type configurations at Mach numbers from 2.30 to 4.63	1968
19680024532	Life cycle and rapid changing of zone times during aerial travel	1968
19680024665	Automatic Docking in Space and its Relation to the Theory and Practice of Automatic Control	1968
19680024694	History of aviation and cosmonautics, volume 5	1968
19680024713	Concerning a class solution of the Dirac equation	1968
19680024881	Project SERE - An outline of the natural resources remote sensing research program	1968
19680025261	An idea whose time has come...	1968
19680025328	Useful Technology from Space Research	1968
19680025330	Pulmonary scintigraphy in lung edema	1968
19680025398	Exploring space with a camera	1968
19680025453	Geometric acoustics and wave theory	1968
19680025752	Calculation of the thermodynamic properties of alloys of nickel and cobalt	1968
19680025753	Mechanical properties of high strength materials with coatings produced by the plasma spray-coating method	1968
19680025849	Toroidal stellarator type magnetic trap with external plasma injection	1968
19680025944	Statistical investigations of the operational loading of the landing gear of a main-line aircraft	1968
19680026051	Effect of bluntness on hypersonic two- dimensional inlet type flows	1968
19680026069	The significance of the Jupiter swingby mode for interplanetary missions	1968
19680026130	A new method for calculating turbulent boundary layers	1968
19680026131	Achievements in the field of space materials science and their usage in industry	1968
19680026254	The electrical conductivity of copper oxide	1968
19680026265	Investigations of craters by microprojectiles at a velocity range of 0.5 to 10 km/second	1968
19680026365	Investigation of absorption and scattering of millimeter waves in precipitations. 1, 2	1968
19680026627	The relation between the Wiedemann effect and the Joule magnetostriction effect	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680026637	Analysis control and design of a mechanical system subject to vibrations	1968
19680026844	On perception and measurement of sound level	1968
19680026846	Effect of gamma-radiation from cobalt-60 on the process of ovulation, fertilization, and embryonic development of a frog	1968
19680026848	Structural factors responsible for the selectivity of the adsorption mechanism producing a loss of strength in metals	1968
19680026849	Optimization of the extra-atmospheric part of the ascending trajectory to an orbit	1968
19680026850	Variational problem of the shape of a minimum-drag body with a given volume and given area of the side surface	1968
19680026851	Structure and growth of thin surface films on metal through oxidation in air	1968
19680026884	Lower-body decompression for the treatment of lung edema	1968
19680027283	Pulmonary edema in uremia	1968
19680027551	Prediction of tropospheric radio transmission loss over irregular terrain - A computer method, 1968	1968
19680027821	Multivariable control systems	1968
19680028077	On wave excitation free ship forms	1968
19680028121	Certain theoretical problems of wideband oscillators	1968
19680028138	Increased accuracy of high-temperature measurements in the USSR	1968
19680028139	New methods and systems for the measurement of actual temperatures with realistic thermal radiation characteristics	1968
19680028270	Chemical analysis of some trace impurities in uranium dioxide	1968
19680028320	Analytical mechanics. Stability of motion. Celestial ballistics	1968
19680028683	Study, optimization, and comparisons of the acquisition characteristics of phase-locked loop systems	1968
19680028692	The behavior of live frog eggs and frog larvae in distilled water	1968
19680028729	Mobility of atoms on a crystal surface at the melting point	1968
19680028881	Pulse counting chronometer for shock-wave measurements	1968
19680028883	Investigation of non-cylindrical Z-pinch in currents above 1 milliampere	1968
19680038230	A Comment on Ray Tracing	1968
19680041844	Microbial cleanliness at JPL's EASL and SADL.	1968
19680042222	Contamination of Mars.	1968
19680045661	Man's role in space flight.	1968
19680045893	A clean room complex for microbial contamination control.	1968
19680048488	Technical description of the Gemini S-10 and S-12 micrometeorite experiments.	1968
19680049058	Contamination of lunar surface samples by the lunar module exhaust.	1968
19680051000	Potential effects of recent findings on spacecraft sterilization requirements.	1968
19680051163	A Martian surface simulation facility for bacterial studies.	1968
19680053071	A study of the thermal kill of viable organisms during Mars atmospheric entry.	1968
19680053073	The thermal radiative characteristics of viable microorganisms.	1968
19680053134	A Mercury plasma-bridge neutralizer.	1968
19680054618	Sterilization and decontamination techniques for space vehicles.	1968
19680057694	Problems associated with the recovery of bacterial spores from space hardware.	1968
19680060822	Back contamination.	1968
19680064675	Handbook of biological aspects of spacecraft sterilization.	1968
19680066987	Experimental studies in ultraviolet solid state spectroscopy status report, jun. 1967 jan. 1968	1968
19680067121	Quarterly status report, 13 october 1967 - 13 january 1968	1968
19680067319	Wind tunnel wall effects in v/stol model testing semiannual status report, 1 apr. - 30 sep. 1966	1968
19680067349	Information processing of data describing arbitrary solids semiannual status report, jul. 1 - dec. 31, 1967	1968
19680067350	Aerospace systems and mission analysis research status report, oct. 1 - dec. 31, 1967	1968
19680067855	Interdisciplinary communications program quarterly report, period ending 31 dec. 1967	1968
19680067958	The implementation of operations research - a study of some aspects through man-machine simulation	1968
19680067963	Life in extraterrestrial environments quarterly status report, nov. 30, 1967 - feb. 29, 1968	1968
19680067973	Extra-contractual influences upon organizational performance progress report, jun. 1, 1967 - jan. 1, 1968	1968
19680068126	Quarterly status report, october - december 1967	1968
19680068128	Quarterly Status Report, 1 October 1967 - 31 December 1967	1968
19680068210	Storage Requirements for Information Handling Centers	1968
19680068319	Study of shape and internal structure of moon, utilizing lunar orbiter data quarterly progress report	1968
19680068369	Design and management of biomedical applications systems for nasa quarterly report, 1 oct. - 31 dec. 1967	1968
19680068467	A systems approach to device-circuit interaction in electrical power processing semiannual status report	1968
19680068514	Biostatistics and Space Exploration - Microbiology and Sterilization	1968
19680068516	Survey of thermodynamic properties of the compounds of the elements chnops progress report, 1 jul. 1967 - 29 feb. 1968	1968
19680068520	Astra services for the bureau of reclamation quarterly progress report, 15 oct. 1967 - 15 jan. 1968	1968
19680068522	The effect of changing gravity and weightlessness on vasopressin control systems	1968
19680068529	Regional technology transfer program quarterly progress report, 1 oct. - 31 dec. 1967	1968
19680068777	The effects of gravity stress and thyrocalcitonin on calcium uptake in fetal bone in vitro	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680068783	Test and evaluation of fuel cell catalysts quarterly progress report, nov. 3, 1967 - feb. 3, 1968	1968
19680068789	A technique for the determination of the electron velocity distribution of an rf generated plasma	1968
19680068938	Applications of Approximate Models in Solid State Circuit Analysis and Design	1968
19680069022	Satellite Situation Report, Volume 8, No. 3	1968
19680069025	Analog/hybrid computer study semiannual progress report, 15 sep. 1967 - 15 mar. 1968	1968
19680069073	Technical status report, 4 november 1967 - 4 february 1968	1968
19680069075	Dynamic characteristics of a variable-mass flexible missile semiannual technical progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680069077	Nonlinear aspects of combustion instability in liquid propellant rocket motors quarterly status report, 1 dec. 1967 - 29 feb. 1968	1968
19680069211	Calculation of reactor coupling coefficients	1968
19680069315	Measurements of pionic and muonic k alpha x-ray energies in low z atoms	1968
19680069422	Special experimental projects involving information systems and technology utilization quarterly progress report	1968
19680069566	Semiannual status report, 1 march 1968	1968
19680069814	Sound wave shear wave interaction with oblique shock fronts semiannual status report, 1 sep. 1967 - 29 feb. 1968	1968
19680070059	Utilization of NASA-Generated Space Technology by Midwestern Industry	1968
19680070199	Theoretical and experimental investigations of antennas and waves in plasma semiannual status report, 1 sep. 1967 - 29 feb. 1968	1968
19680070281	The effect of particle and fluid properties on the pressure drop and heat transfer coefficient of a dilute flowing gas-solid suspension progress report, 31 oct. 1967 - 31 mar. 1968	1968
19680070310	Reflection and transmission from an inhomogeneous layer separating two semi-infinite homogeneous media	1968
19680070414	Quarterly status report, 1 december 1967 - 29 february 1968	1968
19680070448	Surface ionization phenomena final report	1968
19680070449	Project fog drops - investigation of warm fog properties and fog modification concepts quarterly progress report	1968
19680070830	Semiannual report, october 1967 - march 1968	1968
19680070850	Western research application center /wesrac/ final report, period ending 1 feb. 1968	1968
19680070938	Theoretical and experimental investigation of a three-dimensional magnetic-suspension balance for dynamic stability research in wind tunnels technical annual status report, 1 mar. 1967 - 1 mar. 1968	1968
19680070942	Conduct research on the effects of very strong magnetic fields and of magnetic field-free environments on man and animals progress report, 1 feb. - 30 apr. 1968	1968
19680070961	Dielectric properties of battery electrolytes quarterly report, 8 jan. - 8 apr. 1968	1968
19680071036	Urban technology transfer final report	1968
19680071081	Regional technology program quarterly progress report, 1 jan. - 31 mar. 1968	1968
19680071082	Investigation of superconducting interactions quarterly report, 1 jan. - 31 mar. 1968	1968
19680071238	Quarterly status report, 1 mar. - 31 may 1968	1968
19680071239	/study of the night airglow in hawaii/ semiannual status report, 1 apr. 1967 - 31 mar. 1968	1968
19680071240	Continued photographic patrol and study of the physical conditions of the moon and planets semiannual report, 15 oct. 1967 - 14 apr. 1968	1968
19680071246	High altitude radiation measurements quarterly report, 1 oct. - 31 dec. 1967	1968
19680071247	Astra services for the bureau of reclamation quarterly progress report, 15 jan. - 15 apr. 1968	1968
19680071373	Burn Pond and Vent Subsystem Liquid Hydrogen System Launch Complex 39A NASA P/N 75M05753J	1968
19680071388	Quarterly report, 1 december 1967 - 29 february 1968	1968
19680071391	Materials and welding processes launch umbilical tower, lc-39 girder g-14	1968
19680071426	Optimization of hydraulic compound vortex amplifiers semiannual progress report, period ending 15 mar. 1968	1968
19680071446	It	1968
19680071487	Laser satellite-tracking system progress report, 1 jan. 1967 - 1 feb. 1968	1968
19680071489	Basic engineering studies of techniques for acceleration of a particle to hypervelocity by an electrically heated propellant plasma status report, sep. 1, 1967 - mar. 1, 1968	1968
19680071598	Basic research in the investigation of voltage breakdown in space environment final technical report	1968
19680071627	Synthesis of porphine-like substances from simple precursors status report no. 13, 1 dec. 1967 - 31 may 1968	1968
19680071628	Man-machine performance measurements letter progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680071689	Solid state trigger for high power thyatrons	1968
19680071690	Quarterly status report, 1 april - 30 june 1968	1968
19680071700	Infrared spectra of molecules and materials of astrophysical interest semiannual progress 1 report, 1 dec. 1967 - 30 may 1968	1968
19680071716	Vacuum ultraviolet spectra of atoms and low molecular weight molecules quarterly status report, 1 feb. - 30 apr. 1968	1968
19680071734	Semiannual review, 1 september 1967 - 29 february 1968	1968
19680071742	Progress report, august 1967 - june 1968	1968
19680071747	Mobile library filming device	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680071887	High altitude radiation measurements quarterly progress report, 1 jan. - 31 mar. 1968	1968
19680071920	Meteorological interpretation of satellite radiation data semiannual status report, 1 oct. 1967 - 31 mar. 1968	1968
19680071936	Flow of single and two phase fluids in lines semiannual status report	1968
19680071946	Low-power, low-speed data storage and processing techniques progress report, 1 mar. - 31 dec. 1967	1968
19680071987	Fields in the image space of symmetrical focusing reflectors	1968
19680072076	Characterization of digital systems semiannual progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680072077	Mitochondrial heat production semiannual progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680072080	The measurement of lunar and planetary infrared radiation	1968
19680072081	Research related to measurements of atomic species in the earth's upper atmosphere quarterly status report, period ending 1 jun. 1968	1968
19680072082	A note on an iterative approach to multicopy traffic assignment	1968
19680072083	Optimal one-dimensional non-linear resource allocation	1968
19680072084	Experiments with ultraviolet light semiannual progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680072085	Euv photoemission study quarterly report, period ending 23 may 1968	1968
19680072086	Optimal cotton blending and yarn production	1968
19680072087	Optimal blending and production	1968
19680072090	Annular heat transfer studies Semiannual progress report, 1 Sep. 1967 - 29 Feb. 1968	1968
19680072095	Physical properties of materials as affected by moderately fast rates of strain semiannual progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680072098	The role of d electrons in bonding in metals semiannual progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680072136	Strapdown calibration and alignment study. volume 3 - laboratory procedures manual final report	1968
19680072183	Perceptual processes Semiannual progress report, 1 Sep. 1967 - 29 Feb. 1968	1968
19680072184	Mass spectrometric elucidation of volatilizable dilute constituents in tissue preparations, in vitro Semiannual progress report, 1 Sep. 1967 - 29 Feb. 1968	1968
19680072185	Optimization of space systems design semiannual progress report, 1 sep. 1967 29 feb. 1968	1968
19680072296	Techniques for reducing mixer conversion loss in millimeter wave receivers for communications and radiometry Semiannual status report, 1 Jan. - 30 Jun. 1968	1968
19680072330	Cryogenic research and development Progress report, period ending 30 Jun. 1968	1968
19680072609	General information	1968
19680072620	Chemistry of planetary atmospheres and comets Technical status report, 1 Sep. 1967 - 29 Feb. 1968	1968
19680072767	Lunar orbiter selenodesy studies Quarterly report, 1 Jan. - 30 Jun. 1968	1968
19680072768	R and D evaluation of a lightweight, high strength magnesium alloy Quarterly report, 1 Feb. - 1 May 1968	1968
19680072774	Optimization of the design of meteorological satellite systems by numerical simulation experiments Semiannual status report, 1 Jan. - 30 Jun. 1968	1968
19680072781	Spectroscopic applications of optical and infrared masers Semiannual status report 2 and 3, 1 Jun. 1961 - 31 May 1968	1968
19680072936	Program in aeronomy Status report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680072937	Semiannual report, 1 January - 30 June 1968	1968
19680072970	Energy and width measurements of the pionic 2p-1s transition sup 23 Na	1968
19680072972	Investigation of the nutritional properties of Hydrogenomonas eutropha Semiannual report, 1 Dec. 1967 - 1 Jun. 1968	1968
19680073032	Space cell test program Monthly progress report	1968
19680073090	Uprated Saturn 1, S1B stage. Supplement and test report S-1B-5	1968
19680073094	ASEE-NASA Summer Faculty Institute - Houston, Texas, A&M, MSC program Final report	1968
19680073146	Quarterly status report, 1 June - 31 August 1968	1968
19680073152	Status semiannual report, period ending 31 August 1968	1968
19680073202	Research in the space related sciences and engineering Progress report, 1 Apr. 1967 - 31 Mar. 1968	1968
19680073221	Study of the carbon dioxide spectrum of Mars and Venus Semiannual status report, 1 Nov. 1967 - 30 Apr. 1968	1968
19680073228	Theoretical studies of fields, particles and plasmas in space Semiannual status report, Jan. 1 - Jun. 30, 1968	1968
19680073229	Final semiannual status report, 1 March - 31 August 1968	1968
19680073230	Progress report, March 15 - September 15, 1968	1968
19680073234	Report of directional reflectance measurements for two NASA/MSC gas connector samples	1968
19680073365	Awards for new technology	1968
19680073475	Transferable technology - Publications reporting innovations suitable for many purposes	1968
19680073530	Automated Acquisition, Cataloging, and Circulation in a Large Research Library	1968
19680073806	Meteorite photography and recovery network Semiannual progress report, 1 Jan. - 30 Jun. 1968	1968
19680073813	Postdoctoral and senior postdoctoral resident research associateship program Status report no. 16, 1 Jun. - 31 Aug. 1968	1968
19680073869	Special studies of meteorological measurement techniques up to 100 kilometers semiannual status report no. 5, 1 Dec. 1967 - 30 Jun. 1968	1968
19680073904	High-temperature oxidation of alloys - Cobalt-chromium-base alloys Semiannual letter progress report, 1 May - 31 Oct. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680073913	Calcium and magnesium metabolism as related to dietary protein intake Semiannual report, 1 Apr. - 30 Sep. 1968	1968
19680073914	Interdisciplinary studies in space related science and technology Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19680073920	Dynamic characteristics of a variable-mass flexible missile Second semiannual technical progress report, 1 Mar. - 31 Aug. 1968	1968
19680074980	Canonic and state-variable characterization of networks with variable elements	1968
19680075342	Development of die materials for hot extrusion of steel and refractory metals Interim technical engineering report number 9, 1 Jul. - 30 Sep. 1967	1968
19680075418	Automatic recognition of spoken numbers /digits/	1968
19680075440	Performance evaluation of the unified S-band ground system for AS-501	1968
19680075578	The foreign technology of liquid propellants and their combustion	1968
19680075656	Two new forms of cyrtocytes. Comparison of known forms of cyrtocytes and discussion of the concept "cell type"	1968
19680075726	A modification of the Weizsaecker correction in the statistical atom model	1968
19680075733	Electrophysiological research on the brain Final progress report	1968
19680075802	Flight report for Delta vehicle S/N 20202. Delta program mission no. 51. Spacecraft - Bios-B	1968
19680075906	Analytical study by thermogravimetry and differential thermal analysis of sodium peroxide hydrate and of commercial sodium peroxide	1968
19680075908	Origin of mother-of-pearl clouds	1968
19680075914	Medical aspects of the Gemini flights and the Apollo accident	1968
19680075954	The Role of Depressed Metabolism in Increased Radio-resistance, and the Alteration of Intestinal Function by Irradiation and Radiomimetic Drugs Semiannual Status Report	1968
19680075955	Behavioral research and experimental analysis of complex behavioral repertoires under full environmental control Semiannual status report, 1 Aug. 1967 - 31 Jan. 1968	1968
19680075961	CSM telecommunications system analysis, part 1	1968
19680075969	A method for solving vapor-diffusion problems, part 1	1968
19680075970	A method for solving vapor-diffusion problems, part 3	1968
19680075971	A method for solving vapor-diffusion problems, part 2	1968
19680075977	Definition of experimental tests for a manned Mars excursion module. Volume 2 - Design Final report	1968
19680075982	Approach terrain evaluation - Sites 2 P-2, 2 P-6, 2 P-8, 2 P-11, and 2 P-13	1968
19680075987	Study of nonmetallic parts for launch vehicles and spacecraft structures Quarterly progress report, 1 Oct. 1967 - 1 Jan. 1968	1968
19680075989	Visibility during lunar landing	1968
19680075990	Results of independent flight software validation testing of the digital autopilot for the LM-1 mission	1968
19680075994	Interaction between ion beams and plasmas Progress report	1968
19680075995	Interstation connections from GEOS-1 beacon observations	1968
19680075996	Theoretical investigation of a self-sustained nuclear plasma source Final technical report, 1 Dec. 1966 - 31 Dec. 1967	1968
19680076001	Recommended RTCC requirements for the TLI guidance switchover procedure	1968
19680076009	Definition of experimental tests for a manned Mars excursion module. Volume 3 - Test program Final report	1968
19680076041	A description of the antenna systems for the Nimbus-B meteorological satellite	1968
19680076068	Command service module electrical power system, program HX001A - User's manual	1968
19680076099	Theory on the electronic work function in metals	1968
19680076106	Definition of experimental tests for a manned Mars excursion module. Volume 1 - Summary Final report, Oct. 1966 - Aug. 1967	1968
19680076110	Results concerning the altitude of the Veronique missile by means of magnetic pickups	1968
19680076111	Voluntary conscious dehydration	1968
19680076112	Autodiffusion of hydrogen chloride and hydrogen bromide	1968
19680076115	Development of entry corridors for the Apollo near-earth orbital missions	1968
19680076136	GAHS program description	1968
19680076180	Summer institute in space biology Final report, 1 Dec. 1966 - 30 Mar. 1968	1968
19680076188	Apollo communication systems performance and coverage analysis for mission AS-204/LM-1 addendum - 16 January 1968 trajectory	1968
19680076215	Chemical propulsion newsletter, volume 4, no. 1, January 1968 /U/	1968
19680076218	NASA 100-pound-thrust beryllium rocket engine program /U/ Final report	1968
19680076297	Translations on French nuclear, missile, space, and related military developments, no. 126	1968
19680076392	A study of the influence of lubricants on high-speed rolling-contact bearing performance. Part 7 - Research on elastohydrodynamic lubrication on high-speed rolling-contacts Final report	1968
19680076695	Altitude performance of high and low-thrust-range Mark 6 midcourse Varijector motors having ages ranging from 34 to 53 months Final report, Oct. 4-18, 1967	1968
19680076737	Translations on French nuclear, missile, space, and related military developments, no. 127	1968
19680076770	Potential flow about series 58 bodies in general translational and rotational motion	1968
19680076811	Active vibration isolation for flexible payloads	1968
19680076816	The application of nomography to incentive contracting	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680076837	Delta vehicle N/S 20113 - Delta program mission no. 53 - Spacecraft OSO-D Flight report	1968
19680076843	Translations on French nuclear, missile, space, and related military developments, number 128	1968
19680076855	Voyager spacecraft systems studies /phase B, task D/ Executive summary report	1968
19680076858	Orbiting astronomical observatory Status report, 1 May - 30 Nov. 1967	1968
19680076865	The response of mechanical systems to bands of random excitation	1968
19680076874	Combustion stability and performance characteristics at high combustion pressures Semiannual progress report	1968
19680076875	Examination of lunar scientific objectives and evaluation and developmental studies for possible active seismic experiments during the post-Apollo period	1968
19680076876	AMP 3 - FT49 system manual	1968
19680076879	Measurement of angular rotation with photons Final report, 1 Oct. 1963 - 31 Dec. 1967	1968
19680076881	Propulsion simulation module	1968
19680076884	Delta vehicle S/N 20219 - Delta program mission no. 52 - Spacecraft Intelsat 2 F-4 Flight report	1968
19680076889	LM soil erosion studies Final report	1968
19680076890	Utilization of a three-burn S-4B stage for advanced earth and lunar orbital missions	1968
19680076891	Research and development on fuel cell technology Quarterly report	1968
19680076892	ECS transient analysis explicit solution study	1968
19680076901	A control policy for simultaneously stabilizing and pointing a rotating space vehicle	1968
19680076902	A tunnel diode oscillator-superconducting bolometer - Phase 2 Final report	1968
19680076903	The S-4, S-11, S-20 magnitudes of a star simulator for the OAO	1968
19680076904	Requirements for consumables budgeting computer program	1968
19680076909	S-2-1 flight Final test report	1968
19680076921	Reentry phase operational trajectory for mission A-2/CSM 020 /Apollo 6/	1968
19680076922	The fine structure of the nephridial duct in Lumbricus terrestris L. An electron microscope study	1968
19680076923	Orbital refueling and checkout study. Volume 1 - Management summary Final report	1968
19680076930	Effects of differential signal amplitudes in the minitrack system	1968
19680076933	Application of lasers to the study of the high atmosphere and of objects beyond the atmosphere	1968
19680076937	Early Orbit Support for OGO-E Experimenters	1968
19680076942	Calculation of contract stresses on miniature slip rings for inertial platforms	1968
19680076943	Orbital refueling and checkout study. Volume 4 - Definition and justification of experiments Final report	1968
19680076945	Design review of mass spectrometer	1968
19680076980	Translations on French nuclear, missile, space, and related military developments, number 131	1968
19680076985	Orbital refueling and checkout study. Volume 6 - Systems checkout and impact on KSC Final report	1968
19680076986	Translations on French nuclear, missile, space, and related military developments, number 129	1968
19680076987	Translations on French nuclear, missile, space, and related military developments. Recent French developments in nuclear energy, number 132	1968
19680076989	Translations on French nuclear, missile, space, and related military developments, number 130	1968
19680077011	Theoretical study of non-linear waves and shock-like phenomena in hot plasmas Semiannual status report	1968
19680077093	Electron and field interactions with thin films and surfaces Semiannual report	1968
19680077097	Orbital refueling and checkout study. Volume 2 - Study summary Final report	1968
19680077098	Orbital refueling and checkout study. Volume 5 - Conceptual designs of fluid-transfer systems Final report	1968
19680077099	Orbital refueling and checkout study. Volume 3 - Evaluation of fluid transfer modes, part 2	1968
19680077100	Orbital refueling and checkout study. Volume 3 - Evaluation of fluid transfer modes, part 1 Final report	1968
19680077112	Reentry physics research program in turbulent wakes Semiannual progress report, 1 Jul. - 31 Dec. 1967	1968
19680077116	Aerobee NASA 4.219 GG /6 December 1967/ Meteorological data report	1968
19680077122	Small aperture, small flare angle corrugated horns	1968
19680077145	Interference effects of lateral control jets at various axial locations on a general missile configuration from tests at transonic Mach numbers	1968
19680077152	Manufacturing development for production of high-strength, high-modulus, glass fibers Interim progress report, 1 Oct. - 31 Dec. 1967	1968
19680077153	Millimeter and submillimeter device research Final report, 1 Jul. - 30 Sep. 1967	1968
19680077157	Continuous speech recognition and synthesis Final report, 1 Apr. - 30 Sep. 1967	1968
19680077160	Aerobee AF AH 3.268 /13 December 1967/	1968
19680077173	RADA multipath propagation test Final report	1968
19680077177	The development and evaluation of a hydrocarbon binder for high energy solid propellants Quarterly technical report, 14 Sep. - 13 Dec. 1967	1968
19680077182	An investigation of the thermal-mechanical stability of tungsten alloys for restart applications Interim report, Feb. - Dec. 1967	1968
19680077188	Chromo-isometric display technique	1968
19680077189	Correlation of spray injector parameters with rocket engine performance Special technical report, 15 Apr. 1967 - 15 Jan. 1968	1968
19680077198	Microwave ground receiving terminal Technical report, May 1966 - Mar. 1967	1968
19680077201	Radiation effects in thin film transistors Final report, 1 Sep. 1966 - 31 Aug. 1967	1968
19680077206	On computing the stationary distribution of an irreducible finite state Markov process Progress report	1968
19680077207	Aerobee NASA 4.201 NT /10 December 1967/ Meteorological data report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077221	Lance /06802/ missile no. P-47, round no. 55 RPT /9 December 1967/ Meteorological data report	1968
19680077231	Experimental drag coefficients of blunt cone-cylinders in near free molecule flow	1968
19680077232	Aerobee NASA 4.197 VA /5 December 1967/ Meteorological data report	1968
19680077233	A spectral convolution technique for atmospheric attenuation studies in the 200 GHz - 300 GHz region	1968
19680077237	Multi-carrier radio combining technique Quarterly report, 1 Jun. - 1 Aug. 1967	1968
19680077238	A numerical technique to determine the thermal histories of two-dimensional solids in the nuclear environment	1968
19680077243	Relations between positive ion sputtering and low energy electron diffraction surface measurement. 2 - Dependence of sputtering yields upon surface structures	1968
19680077248	A general theory of interfacial tension and its application to adsorption phenomena	1968
19680077261	Modular nuclear vehicle study, phase 3	1968
19680077268	Pressure of tests of six delta wing models at Mach numbers 6, 8, and 10	1968
19680077271	User's manual for STARS - Shell Theory Automated for Rotational Structures - IBM 360/75 digital computer program	1968
19680077274	The inhibitor action in electrode processes	1968
19680077275	Study on the anion adsorption on nickel surfaces as a function of the potential	1968
19680077277	Description of energy transfer in turbulent air	1968
19680077278	A 2.66-MHz rocket-borne pulse receiver	1968
19680077279	The position of the zodiacal light in space	1968
19680077280	Design of the circular platform for the peripheral jet air-cushion vehicle	1968
19680077281	Optimization of the nozzle form and determination of the local flow direction by means of measured velocity distributions in the supersonic region	1968
19680077289	Calculation of the aerodynamic coefficients of simple space-transport configurations for the hypersonic Mach-number range	1968
19680077290	The solubility of carbon in molybdenum, tungsten and rhenium	1968
19680077291	The influence of weak electromagnetic fields on the circadian rhythm in man	1968
19680077292	Quality assurance testing of a Hercules, Inc., BE-3 rocket motor for the Athena missile system	1968
19680077293	The chemistry of condensed phosphates and arsenates, 53 - Trimetaphosphate as triphosphorylating agent for alcohols and carbohydrates in hydrous solution, its exceptional position among the condensed phosphates	1968
19680077298	S and X band Schottky barrier diode manufacturing methods Quarterly report, 1 Oct. 1967 - 1 Jan. 1968	1968
19680077299	Study of stabilization of hydrogen atoms at 77 deg K and higher temperatures Semiannual technical report, 27 Jun. - 26 Dec. 1967	1968
19680077302	Reentry test plan for Apollo 6 /AS-502/	1968
19680077305	Propulsion technology	1968
19680077306	Submerged power plant	1968
19680077320	The radar equation and the reflectivity	1968
19680077328	Ground Tracking Reliability - a Summary from MSFN Support of Unmanned Missions AS-201, 202, 203, Lunar Orbiter, and Surveyor	1968
19680077329	Programming manual for command service module electrical power system, program HX001A	1968
19680077330	Propulsion technology	1968
19680077341	Solubility diagram of the ternary system /NH ₄ /2SO ₄ -ZNSO ₄ -H ₂ O at 35 deg	1968
19680077348	Investigation of conductive precipitates in glass seals of microcircuit packages Final report	1968
19680077350	CSM MRS program description	1968
19680077355	Epitaxial growth of ferromagnetic garnets Quarterly report, 1 Jul. - 30 Sep. 1967	1968
19680077357	Optimum airfoils at moderate supersonic speeds. Part 2 - Minimum drag	1968
19680077358	New technology of electrodeposition of metals - Current reversal in electroplating	1968
19680077366	Compatible active thin-film integrated structures Final report, 1 Nov. 1966 - 31 Oct. 1967	1968
19680077373	Batch fabrication of distributed logic network Final report	1968
19680077380	Statistical gain characteristics of radar antennas Final engineering report, 16 Jun. 1966 - 31 Jan. 1968	1968
19680077382	Manufacturing methods for aircraft tires made by filament-winding techniques Interim engineering progress report, 1 Oct. - 31 Dec. 1967	1968
19680077384	Crystal chemistry studies Quarterly report, 14 Aug. - 13 Nov. 1967	1968
19680077385	Sandia high pressure ablation test in the AEDC 5-megawatt arc heater test unit series 2	1968
19680077386	Variable laser-acoustic delay lines Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680077388	Evaluation of six heat reflective paints Final report, Aug. 1964 - Aug. 1967	1968
19680077391	Manufacturing methods for UHF amplifier tube Interim engineering progress report no. 3, 1 Oct. - 31 Dec. 1967	1968
19680077395	Advanced engine aerospike experimental program /U/ Monthly status report	1968
19680077396	Advanced engine aerospike experimental program /U/ Quarterly technical progress report, Oct. - Dec. 1967	1968
19680077428	Broadening of molecular spectral lines. Volume 3. Line broadening bibliography Technical report, 17 May 1966 - 17 Aug. 1967	1968
19680077444	Ion implantation doping techniques Interim technical report, 1 Sep. - 31 Dec. 1967	1968
19680077446	Heterocrystal integrated circuit techniques Quarterly report, 1 Jun. - 31 Aug. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077448	Tracking photocells	1968
19680077452	Use of a pulse heated fine wire probe for the measurement of total temperature in shock driven facilities	1968
19680077454	A versatile data tape system for static and dynamic tests Final report	1968
19680077456	Development and test of an automatic formation target control system	1968
19680077459	An individual system/organization cost model. Volume 3 - The Tactical Air Defense /TAD/ model - A time-phased ISOC application	1968
19680077462	Investigation of Tacan Y-channel system performance Final report	1968
19680077463	Pulsed power welding of HY-130/T/ steel, the effects of welding parameters on arc stability and fusion zone dimensions - Part 1, 1 April - 30 November 1967	1968
19680077467	Three-dimensional aerodynamic representation of V/STOL wings by the vortex-lattice method Final report, 1 Jul. - 1 Nov. 1967	1968
19680077469	Honest John missile no. 622, round no. 554 RGL /9 August 1967/ Meteorological data report	1968
19680077470	Lance /06802/ missile no. p-56, round no. 56 RPT /3 January 1968/ Meteorological data report	1968
19680077473	Large-scale integrated circuit arrays Interim technical report, 1 Oct. - 31 Dec. 1967	1968
19680077475	Development of coatings for columbium base alloys. Part 3 - Evaluation of the V-/Cr-Ti/-Si coating for gas turbines	1968
19680077477	The measurement of spurious voltages in vibration-stressed coaxial cables	1968
19680077485	Study of microwave generation by means of interaction with anisotropic media Final report, 1 Jun. 1965 - 15 Oct. 1967	1968
19680077503	Tunnel E with magnetic model support system - Basic concept and initial design Interim report, 1 Mar. - 31 Oct. 1967	1968
19680077513	Radio frequency noise during reentry. Measurements made at 2235 Mc/s during the reentry of a Trailblazer rocket vehicle	1968
19680077518	Schottky barrier X-band video detectors for high-sensitivity high-burnout applications Quarterly report, 27 Sep. - 26 Dec. 1967	1968
19680077519	Research on hydrazine decomposition Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680077527	Development of an HY-150 weld metal	1968
19680077530	High energy propellant beryllium thrust chamber program, volume 1 Final technical report	1968
19680077541	Optimum airfoils at moderate supersonic speeds. Part 1 - Preliminary considerations	1968
19680077542	Development of molecular electronic display structures Interim technical report, 1 Jun. - 30 Nov. 1967	1968
19680077543	A review of rapid annealing in neutron irradiated semiconductors Technical report, Sep. - Oct. 1967	1968
19680077544	Paper tape to punch card translation unit Technical report, Jun. - Oct. 1966	1968
19680077562	A study of the feasibility of modifying standard communications equipment for the telemetering of physiological data under conditions of high heat and humidity Interim report	1968
19680077564	Software methodology for multi-processing systems Final report, Jun. 1966 - Aug. 1967	1968
19680077571	Honest John missile no. 603, round no. 562 RML /28 November 1967/ Meteorological data report	1968
19680077574	Equation of state for gas mixtures	1968
19680077579	Interference reduction techniques for frequency converters Quarterly report, 1 Jun. - 30 Sep. 1967	1968
19680077582	Development of high temperature resistant materials for use in naval ordnance Quarterly report, Oct. 4 - Dec. 31, 1967	1968
19680077590	Turbulent wake studies Semiannual technical summary report, 1 Jun. - 31 Dec. 1967	1968
19680077591	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report, 1 Oct. - 31 Dec. 1967	1968
19680077597	Statistical turbulence of the wake edge behind hypersonic bodies Final report, Mar. 1966 - Jul. 1967	1968
19680077599	VOR rotor modulation antenna study Final report, 16 Sep. - 30 Nov. 1967	1968
19680077608	Reentry plasma EM noise investigations Final technical report, 1 Nov. 1965 - 31 Dec. 1967	1968
19680077609	Engineering property data on rocket propellants Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680077611	Static stability and spin characteristics of the Athena "H" vehicle at Mach numbers from 0.6 to 1.5	1968
19680077612	Investigation of hologram techniques Interim engineering report, 1 Dec. 1966 - 30 Jun. 1967	1968
19680077616	Technical evaluation of interference analyzer EMC-25R Final report	1968
19680077617	Elements of retinal neurophysiology and data encoding Annual progress report, 1 Mar. 1967 - 28 Feb. 1968	1968
19680077619	Design of infinite-gain single-feedback networks	1968
19680077629	The testing and behavior of metallic materials against the striking of drops and cavitation	1968
19680077636	Photogrammetry quality of television pictures	1968
19680077638	Data processing plan for Eccentric Orbiting Geophysical Observatory /OGO-E/	1968
19680077640	Investigation and compilation of the thermodynamic properties of high temperature chemical species Quarterly technical report, 1 Oct. - 31 Dec. 1967	1968
19680077641	Advanced chemical milling processes Interim engineering progress report, 1 Oct. - 31 Dec. 1967	1968
19680077643	Purple light	1968
19680077647	Technical evaluation of electrostatic voltmeters Final report	1968
19680077652	X-band CW generator development Semiannual report, 24 Dec. 1966 - 23 Aug. 1967	1968
19680077657	Tropospheric phase errors in synthetic-aperture radar systems	1968
19680077659	Development of coatings for columbium base alloys. Part 2 - Evaluation of the V-/Cr-Ti/-Si coating for aerospace applications Summary technical report, 1 Jul. 1964 - 31 Oct. 1966	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077660	Nike-Hydac STV SR 069 /11 December, 1967/ Meteorological data report	1968
19680077665	A study of IR detector materials Final report	1968
19680077668	Investigations relative to wind-induced oscillations of the Saturn booster in the vertical launch position Final report, Jan. 1, 1967 - Jan. 1, 1968	1968
19680077671	Experimental Test on the Response of Industrial and Residential Structure to Acoustic Excitation, Appendix a	1968
19680077681	Argon laser to act as beacon source Final report	1968
19680077682	Western Sahara nomad's adaptation to salt water. A scientific mission to Cape Judy	1968
19680077683	Saturn 5/Voyager thermal analysis	1968
19680077685	Kinetics of the pyrolysis of sodium carbonate in a fluidized bed, part 2	1968
19680077699	Pulsed magnetic field ferromagnetic microwave generator Quarterly progress report, 1 Jul. - 30 Sep. 1967	1968
19680077700	Applications technology satellite Monthly progress report, 1-31 Jan. 1968	1968
19680077701	Blowdown analysis of gas spinup and despin systems Final report, 21 Jun. - 21 Oct. 1967	1968
19680077708	Broadening of molecular spectral lines. Volume 1 - Stark broadening in the principal air systems Technical report, 17 May 1966 - 17 Aug. 1967	1968
19680077718	Description of two new probes for enthalpy and pressure measurements in high-temperature gases	1968
19680077719	Microwave oscillations in bulk semiconductors Quarterly progress report, 1 Jul. - 30 Sep. 1967	1968
19680077720	FT4A-2 marine gas turbine product improvement program Final summary report, 30 Jul. 1966 - 31 Dec. 1967	1968
19680077721	Scanning ferrite lens-radome	1968
19680077725	Flight report for Delta vehicle S/N 20218 Delta program mission no. 54, spacecraft - TOS-C /NASA TOS-D/	1968
19680077727	Trajectories of satellites under the combined influences of low tangential thrust and earth oblateness	1968
19680077728	Modular nuclear vehicle study, phase 3	1968
19680077729	Near normal incidence directional hemispherical ellipsoidal mirror reflectometer attachment Final report	1968
19680077732	Program 624A quarterly reliability and quality assurance report. Volume 1 - Reliability	1968
19680077733	Distribution of perspiration secretion over the surface of the body in acclimatization to heat	1968
19680077744	Refined methods of aeroelastic analysis and optimization Semiannual progress report, period ending 1 Mar. 1968	1968
19680077751	Feasibility study of man-made radio frequency radiation measurements from a 200 mile orbit	1968
19680077756	Effects of polar organic solvents on enzyme action Quarterly report, 19 Apr. 1967 - 18 Jan. 1968	1968
19680077757	Apollo crew visibility system requirements and status	1968
19680077759	Landing site accessibility plot program - Moon reference	1968
19680077760	Diaplectic glasses in the breccias of the Ries Basin as a symptom of shockwave metamorphosis	1968
19680077762	Free-flight aerodynamic measurements in rarefied hypersonic flow	1968
19680077768	Study of thin film oxide electrolytes Progress report, 1 Sep. - 31 Dec. 1967	1968
19680077771	Real-time program verification of the Apollo Mission C reentry guidance equations	1968
19680077773	S-1C safety and accident prevention plan	1968
19680077777	Tracking ship positioning data for coverage of translunar injection maneuvers, 1969 Final summary report	1968
19680077778	Exact evaluation of a deterministic error in the LM/LR altimeter channel	1968
19680077781	Tracking effect due to IAM on the uplink mode containing both S-band subcarriers	1968
19680077787	Apollo Mission 4/AS-501 trajectory reconstruction and postflight analysis - Appendixes, volume 1	1968
19680077788	Apollo mission 4/AS-501 trajectory reconstruction and postflight analysis - Appendixes, volume 2	1968
19680077789	Engineering photography reference handbook - Saturn 5, AS-501	1968
19680077798	Contract for a drop test program for a hot-air balloon recovery system Final report	1968
19680077800	Transonic aerodynamic characteristics of a variable-wing-sweep tactical fighter model, phase 6 /U/	1968
19680077808	Variable-pitch supersonic inflow compressor /U/ Final report for phase 1, 26 Jan. 1966 - 21 Jan. 1967	1968
19680077820	Nonradiative processes in laser materials Technical report, 1 Oct. 1966 - 1 Oct. 1967	1968
19680077821	Long-delayed fluorescence of Nd3 plus in pure LaCl3 and in LaCl3 containing Ce3 plus	1968
19680077822	Stimulated emissions from Nd3 plus and Yb3 plus in non-cubic sites of neodymium doped CaF2 and ytterbium doped CaF2	1968
19680077866	Reentry Dispersion Evaluation	1968
19680077867	Thrust vector control, volume 4, no. 2 /U/	1968
19680077913	Free-flight investigation of the effects of fluid ejection on a 10-deg semiangle cone at hypersonic speeds /U/ Final report, 24 Apr. - 7 Jul. 1967	1968
19680077916	SV-5D PRIME - Follow-on program. Additional aerodynamic and thermodynamic data analysis /U/	1968
19680077917	SV-5D PRIME - Follow-on program. Appendixes /U/	1968
19680077918	Research in fluoro-nitro compounds /U/	1968
19680077919	[No Title]	1968
19680077920	[No Title]	1968
19680077921	Appendix B - The synthesis of fluorammonium salts	1968
19680077923	Thrust control exploratory development program /U/ Quarterly report, Oct. - Dec. 1967	1968
19680077943	High energy plasticizers /U/ Quarterly report, Oct. - Dec. 1967	1968
19680077949	The pressure and temperature dependences of the isotropic elastic moduli of polycrystalline alumina	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680077953	Mission B-1/LM-1 /Apollo 5/ separation and recontact analysis, S4/LM-1 separation. Volume 2 - LGC/DAP control	1968
19680077954	Development of Cutter geometry based on material properties	1968
19680077957	Determination of sodium hyperoxide in sodium peroxide	1968
19680077958	Research on satellite electrical power conversion systems and circuit protection Semiannual status report	1968
19680077983	Measurement of smoke in rocket motor exhausts /U/	1968
19680077998	Oxidizer surface coating /U/ Final report, Sep. 1966 - 30 Sep. 1967	1968
19680078020	Numerical analysis of linear difference equations Semiannual report	1968
19680078021	On the transformation of mitochondria in the alveolar epithelium with CO2 and O2 breathing	1968
19680078022	Investigation of the chemical kinetics of an advanced high energy propellant system Quarterly progress report, 1 Dec. 1967 - 1 Mar. 1968	1968
19680078024	Verification of landing radar transfer functions	1968
19680078025	Comments on a "survival" experiment in a tropical forest	1968
19680078026	Adaption reactions of the organism to elevated temperatures	1968
19680078031	Order/disorder and infrared absorption. 4. The absorption of some metal oxides with spinel structure	1968
19680078032	New studies of the position of the zodiacal light in space	1968
19680078063	Performance evaluation of the unified S-band ground system for AS-204 LM	1968
19680078064	Hypersonic flow around bluff bodies with radiation	1968
19680078065	Project Nite Owl - Low level television flight test program television and optical systems	1968
19680078066	Non-equilibrium properties of magnetoplasmas Semiannual status report, 1 Sep. 1967 - 29 Feb. 1968	1968
19680078068	Hydrogen slush mass/density flowmeter Quarterly progress report, Oct. - Dec. 1967	1968
19680078069	NASCOM Network Ground Communications Reliability Report	1968
19680078070	Reliability assessments for spacecraft - What can they accomplish?	1968
19680078073	Study and design optimization of a water electrolysis system Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680078078	Detection of F-1 malfunctions, volume 1 Final report	1968
19680078079	Cavitation Noise Analysis - Characteristics Associated with Head Loss, Volume 2 Final Report	1968
19680078090	Movements with diurnal rhythm	1968
19680078091	Concerning the structure of aromatic enamionitriles	1968
19680078092	Surface Tension of Metals in the Nearly-Free Electron Approximation	1968
19680078093	Critical body temperature for long-term exposure to heat, and sex differences in heat tolerance	1968
19680078094	Mental performance at high temperature	1968
19680078095	Some aspects of curve modifications of neuro- muscular intensity-duration excitability during exposure to high temperatures	1968
19680078096	Adaptation of transplanted subjects to desert climate conditions - Some physiological aspects	1968
19680078097	Bioluminescence - A selected bibliography from the literature retrieval system, space biology branch	1968
19680078098	Physiology and metabolism of Hydrogenomonas eutropha Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680078099	Physiological and developmental changes resulting from reduced gravitational force with animals chronically adjusted to centrifugal fields Semiannual status report for period ending 1 Feb. 1968	1968
19680078104	X-ray analysis of lunar materials Quarterly progress report, 13 Nov. 1967 - 9 Feb. 1968	1968
19680078105	Biopioneer feasibility study to determine the biologic compatibility of a potato biorhythm experiment	1968
19680078108	Effect of engine-interfering modifications on the performance of a powered twin-jet fighter-airplane model at Mach 1.20 /U/	1968
19680078144	Manufacturing methods for light metal hydrides /U/ Interim engineering progress report, Oct. - Dec. 1967	1968
19680078145	High energy propellant beryllium thrust chamber program. Volume 2 - Design and test evaluation /U/	1968
19680078147	Preliminary AC-15 Atlas-Centaur flight evaluation /launched 7 Jan. 1968/	1968
19680078161	Space environment operation of experimental hydrazine reactors, task 1 Interim technical summary, 1 Sep. 1967 - 30 Jan. 1968	1968
19680078162	Anchored interplanetary monitoring platform summary description for Explorer 33 AIMP-D and Explorer 35 AIMP-E	1968
19680078163	Heat transport fluids, space radiator development program	1968
19680078164	Measurement of leakage from large pressurised components using helium isotopes	1968
19680078165	An evaluation of fatigue life prediction methods	1968
19680078167	An analysis of the effect of a spacecraft cold soak constraint on abort solutions	1968
19680078168	Simulations of lunar landmark navigation	1968
19680078176	High altitude radiation from the AH02 vehicle /U/	1968
19680078179	Apollo 6 GN and C preflight performance review	1968
19680078180	Cryogenic insulation development Final report	1968
19680078181	Explorer 35 and Explorer 33 and the AIMP project bibliography	1968
19680078182	Engineers manual - Lunar module electrical power system program HX007A	1968
19680078183	Evaluation of high-energy plasticizer /U/ Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680078203	Study of gyroscopic stability Semiannual status report, Jul. - Dec. 1967	1968
19680078204	Biological effects of radiation - Metabolic and replication kinetics alterations Progress report, 1 Jul. 1967 - 1 Feb. 1968	1968
19680078205	AS-502 preflight heat shield performance predictions	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078206	Investigation of properties of rare earth ions Semiannual status report, 1 Sep. 1967 - 29 Feb. 1968	1968
19680078229	Holography of static and dynamic microsize objects	1968
19680078230	An analysis of normal forces and moments produced on a flat plate by a gas jet plume in a vacuum	1968
19680078235	Silver-zinc electrodes and separator research Quarterly technical progress report, 1 Oct. 1967 - 1 Jan. 1968	1968
19680078236	Electromagnetic generation techniques Final report, 1 Oct. 1966 - 30 Sep. 1967	1968
19680078238	Inductive plasma accelerator development Technical report, 1 Jul. 1966 - 31 Jul. 1967	1968
19680078248	Germanium photodiode radiometer Quarterly report, 1 Sep. - 31 Dec. 1967	1968
19680078249	Electron sensitive recording media for real-time viewing Final report, 1 Jun. 1964 - 31 Aug. 1967	1968
19680078250	Wind tunnel investigation of the air exchanger for the proposed AEDC V/STOL wind tunnel Final report, Apr. - Aug. 1967	1968
19680078252	Effects of the Minuteman roll control rocket exhaust plume impingement on a simulated vehicle surface Final report, Sep. 18-29, 1967	1968
19680078253	Reaction times of hydrocarbon oxidation behind incident shock waves in a shock tube Technical report, 15 Jan. - 30 Oct. 1967	1968
19680078254	Magnetic matrix study Final report, 14 Dec. 1966 - 14 Nov. 1967	1968
19680078255	A climatological-wind turbulence model for estimating low altitude gust loads Final report, 15 Apr. 1965 - 15 Oct. 1966	1968
19680078256	Calibration of standard gain antennas for the Ohio State University satellite communications facility. Volume 2 - A gain calibration standard antenna	1968
19680078259	Magnetogasdynamic experiments conducted in a supersonic plasma arc tunnel	1968
19680078260	Starting evaluation of a General Electric model T64-GE-8 engine using oils conforming to specifications MIL-L-23699 and MIL-L-7808F Final report, Mar. - Jun. 1967	1968
19680078261	Static stability and pressure test of a 0.04-scale model of the Apollo-Saturn 5 vehicle at Mach numbers from 0.60 through 1.40 Final report, 7-10 Nov. 1967	1968
19680078263	The survival of viruses at low temperatures Technical note, Jul. 1967 - Jan. 1968	1968
19680078265	Radiological hazards from nuclear power systems. A methodology for calculating the gamma and inhalation hazards associated with the release of radioactivity from nuclear power systems	1968
19680078266	Wind tunnel investigation of the deployment of spherical probe carriers from the base of models in free flight at M infinity equals 6 Final report, 6 Sep. - 6 Oct. 1967	1968
19680078272	Human engineering evaluation of the USS High Point /PCH 1/ hydrofoil steering station console	1968
19680078273	Harmonic structure of the photometric dyadic	1968
19680078274	Microwave generation from avalanche transit time diodes Quarterly report, 1 Jul. - 30 Sep. 1967	1968
19680078275	Research study of a CO2 laser radar transmitter Semiannual technical summary report, 1 May 1967 - 1 Jan. 1968	1968
19680078276	Modification and redesign of moderate depth lunar drill assembly and parts Final report	1968
19680078277	Microscopic and microchemical study of aged solid propellant grains Quarterly technical report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680078279	Aerobee NRL NA 3.201 /22 January 1968/ Meteorological data report	1968
19680078281	High power gas laser for CS/NV applications Semiannual report, 25 May - 15 Dec. 1967	1968
19680078285	Effects of additives on the combustion of hydrazine Final report, Jun. 1, 1966 - Jul. 2, 1967	1968
19680078286	Materials analytical research Technical report, Apr. 1, 1966 - Aug. 31, 1967	1968
19680078288	An application of the "requirement vs capability" approach to estimating the reliability of large solid rocket motors Interim report	1968
19680078289	Vibration of stressed shells of double curvature	1968
19680078290	Calibration of standard gain antennas for the Ohio State University satellite communications facility. Volume 1. Absolute gain calibration of a small pyramidal horn Interim report	1968
19680078291	Apollo communication systems performance and coverage analysis for Mission AS-502	1968
19680078292	Lunar mission earth parking orbit - Communications analysis	1968
19680078293	C-band radar cross section for Spacecraft 101	1968
19680078295	Weld wire composition considerations for ELI grade Ti-6Al-4V alloy weldments	1968
19680078297	Development of a 1-watt, 2 GHz silicon UHF power transistor Final report, 1 Aug. 1965 - 15 Jul. 1967	1968
19680078298	Operating procedures - Instrumentation power distribution, launch control center, Launch Complex 39	1968
19680078299	Operating procedures - Instrumentation power distribution pad terminal connection room Launch Complex 39	1968
19680078300	Operation and calibration procedures wind measuring system Launch Complex 39	1968
19680078301	Athena B-022, flight 094 /11 January 1968/ Meteorological data report	1968
19680078303	Micropower functional electronic blocks Interim technical report, 16 Sep. - 15 Dec. 1967	1968
19680078307	Army Tactical Airspace Regulation System /ATARS/, volume 2 Interim report, 1 Sep. 1966 - 28 Feb. 1967	1968
19680078308	Apollo 5 guidance and navigation error analysis Final report	1968
19680078309	Operating procedures - Event recorder, hydrogen hazards monitoring system, Launch Complex 39	1968
19680078313	Aircraft-ground-aircraft	1968
19680078318	Operation of the Glow/WSMR 150-inch cinespectograph with an S-20 image orthicon detector	1968
19680078319	The effect of mean deflection on the low-cycle fatigue behavior of 5Ni-Cr-Mo-V, HY-130 steel	1968
19680078320	Corrosion of military and aerospace equipment	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078338	An assembly for electrochemical corrosion studies in water cooled nuclear reactor environment at high temperature pressure	1968
19680078388	Solid state microwave surveillance radiosonde sources Semiannual report, 1 Jun. - 1 Dec. 1967	1968
19680078390	Operating procedures - Quindar scanning systems, Launch Complex 39	1968
19680078394	Impregnation of active carbon Quarterly progress report, 7 Sep. - 7 Dec. 1967	1968
19680078396	A study of the effects of grease lubricants on the vibration of rolling bearings Progress report, 17 Nov. 1967 - 16 Feb. 1968	1968
19680078398	Determination of real power losses in linear, reciprocal, passive two-port networks by impedance measurements and subsequent evaluation by means of the Smith chart	1968
19680078404	Athena B-39, flight 095 /18 January 1968/ Meteorological data report	1968
19680078416	Manufacturing methods for producing L-605 hardware Final technical report, 1 Oct. 1966 - 31 Dec. 1967	1968
19680078418	A note on the dynamic instability of stiffened cylindrical shells	1968
19680078419	Polymer tanks	1968
19680078420	Manufacturing program	1968
19680078422	Computer techniques related to electronic equipment manufacture Interim engineering progress report	1968
19680078424	Study and demonstration of paper phenolic components Final report, 3 May 1966 - 13 Nov. 1967	1968
19680078426	Signal conditioning for time-multiplexed telemetry in navy missiles	1968
19680078428	Development of processes for the production of high-quality, long-length SiC whiskers Technical report, 1 Jan. - 30 Sep. 1967	1968
19680078437	Sparta program Quarterly technical report, 1 Oct. - 31 Dec. 1967	1968
19680078438	Deformable film sensitivity study Final report, Jun. 1966 - Sep. 1967	1968
19680078439	Microwave device techniques for aerospace surveillance Quarterly status report, 1 Aug. - 31 Oct. 1967	1968
19680078440	Wideband performance evaluator Final report, May 1966 - Jun. 1967	1968
19680078448	Evaporation kinetics of liquid droplets Final report, Nov. 1966 - Oct. 1967	1968
19680078449	Development of a nondestructive radiation effects prediction technique Final report, 15 Jan. 1966 - 15 Jul. 1967	1968
19680078450	Calibration and operating procedures - Acoustics measuring system, MSOB altitude chamber	1968
19680078451	Theory of collision dominated Langmuir probes Final report	1968
19680078452	DMIC review of recent developments - Beryllium	1968
19680078453	Speed buffering and digital combining techniques Final report	1968
19680078456	Quick reaction studies Final report	1968
19680078458	The beacon guides the aircraft	1968
19680078461	Research and development of localized defects and hot spots in high voltage p-n-p-n inverter switches Final report, 1 Jun. 1966 - 1 Feb. 1968	1968
19680078464	High-frequency tracking phototube Final report, 1 Feb. 1966 - 30 Mar. 1968	1968
19680078467	Thermodynamic improvements in LH2 turbopumps Quarterly progress report for period ending 16 Feb. 1968	1968
19680078468	Effect of base configuration on the nozzle aerodynamic hinge moments and base pressures for an 0.08-scale cold-flow model Titan 3B missile at transonic speeds Final report, Nov. 10-30, 1967	1968
19680078469	Air Force structural integrity program requirements	1968
19680078475	Flight evaluation of the CH-53A Engine Air Particle Separator /EAPS/ Final report	1968
19680078480	Modular nuclear vehicle study, phase 2. Volume 1 - Summary	1968
19680078488	Analysis of the aerodynamic disturbances generated on a flat plate containing lateral jet nozzles located in a hypersonic stream Final report, Mar. - May 1966	1968
19680078492	Results of sound pressure level measurements during AS-501 launch	1968
19680078499	Integrated circuit techniques for radar display applications Quarterly report, 1 Apr. - 30 Jun. 1967	1968
19680078500	Calibration procedures - Hydrogen hazards monitoring system, Launch Complex 39	1968
19680078503	Behavioral effects of radiation Final report, 1 Feb. 1966 - 1 Feb. 1968	1968
19680078504	Evaluation of fire retardant flight gloves /Nomex/ /ACA-63/67/ Final report	1968
19680078506	Preparation and delivery of single phase tungsten-iridium alloys in the form of single crystals Final report, 7 Mar. 1967 - 6 Mar. 1968	1968
19680078510	Telemetry development and test program Quarterly report, Oct. - Dec. 1967	1968
19680078511	Army Tactical Airspace Regulation System /ATARS/, volume 1 Interim report, 1 Sep. 1966 - 28 Feb. 1967	1968
19680078512	Signal enhancement by coherent optical spatial differentiation Technical report, 1 May 1966 - 30 Apr. 1967	1968
19680078514	Frequency for values of solar radiation transmission through the atmosphere Final report	1968
19680078519	Long-life cold cathode studies for crossed-field tubes Quarterly report, 15 Jul. - 15 Oct. 1967	1968
19680078521	Revised static aerodynamic characteristics of the aborted Apollo-Saturn 1B vehicle	1968
19680078522	Of LH2 tank vent and relief valve PN 5670015 Final report	1968
19680078538	User's manual. Volume 6 - Modification to six-degree-of-freedom program Technical report, Jun. 1966 - Oct. 1967	1968
19680078539	Tantalum alloy structural fasteners Interim technical report, Sep. 1967 - Jan. 1968	1968
19680078541	Jet fuel decontamination studies Interim technical report, 10 Jun. 1967 - 15 Jan. 1968	1968
19680078546	Model 19-E thrust diverter Final report	1968
19680078554	Research in space sciences, 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078555	Determining the orientation of the Pegasus satellites	1968
19680078556	Preliminary calibration results of Pegasus and Explorer 23 meteoroid experiments	1968
19680078557	A first-order theory and applications for the rotation motion of a triaxial rigid body orbiting an oblate preliminary	1968
19680078558	An application of collisionless ion acoustic wave phenomena to satellite experiments	1968
19680078559	The calculation of electron and bremsstrahlung dose rates	1968
19680078560	Plane isotropic buildup factors for bremsstrahlung calculations	1968
19680078561	Charged particle dose rate in low-altitude 30 deg inclination orbits	1968
19680078562	Photographic exploration of Mars with solar- electric power	1968
19680078563	An application of solar-electric power to a sophisticated planetary-surface observation system	1968
19680078564	Development and use of a bidirectional spectroreflectometer	1968
19680078565	Experimental studies of the Pegasus thermal control louver system	1968
19680078566	Thermal control coating degradation data from the Pegasus experiment packages	1968
19680078567	Earth albedo studies using Pegasus thermal data	1968
19680078568	Infrared emission during a simulated lunar eclipse	1968
19680078569	The heat transfer through powders	1968
19680078570	The thermal structure of the sun	1968
19680078571	Heat transfer in the convective envelope of of the sun	1968
19680078576	Kinetics of the oxidation of metals and alloys as determined by solid electrolyte techniques Semiannual report, 1 Sep. 1967 - 1 Mar. 1968	1968
19680078577	Mechanics of integration and behavior in planaria Progress report, period ending 31 Mar. 1968	1968
19680078580	Emptying and filling device for soft elastic containers	1968
19680078581	Studies in solution photochemistry Technical report, 1 Nov. 1966 - 31 Oct. 1967	1968
19680078582	Filters for fuel dispensing pumps	1968
19680078587	Bodies of maximum lift at hypersonic speeds	1968
19680078588	Large high-temperature sandwich structures manufacturing technology development	1968
19680078589	T3C-15 antenna study, DRD line item 3A-31 and MMC proposal 34-C05947 /DSCNP-LJ/	1968
19680078590	A method of integral relations solution to the non-adiabatic radiation problem for an inviscid blunt-body flow field	1968
19680078600	Surveillance on NBF-containing CTPB propellant /U/	1968
19680078607	Throttling and scaling study for advanced storable engine, part 1 /U/ Final report, 10 Jul. - 10 Oct. 1967	1968
19680078608	Throttling and scaling study for advanced storable engine, part 2. Appendix 1 - ARES size scaling data /U/ Final report, 10 Jul. - 10 Oct. 1967	1968
19680078612	Apollo spacecraft systems analysis program. Rendezvous radar earth orbital flight test feasibility study	1968
19680078613	Apollo guidance and navigation. Guidance system operations plan for manned CM earth orbital missions using Program SUNDISK. Section 5 - Guidance equations	1968
19680078617	Performance of an externally-pressurized journal bearing utilizing standing shocks in the bearing	1968
19680078618	Inverse velocity space spectra and kinetic equations	1968
19680078619	Stability and control characteristics at Mach 1.57 to 2.16 of a target drone model with an underslung inlet /U/	1968
19680078626	Advanced engine aerospike experimental program /U/ Monthly status report, Jan. 1968	1968
19680078634	Minimizing the components of frequency dividers by using J-K flip-flops	1968
19680078639	Satellite navigation experiments using ranging to ATS 1 and 3 - A technical discussion	1968
19680078643	Force, pressure, and heat-transfer measurements on scale models of the AFFDL-5A high lift-to-drag unmanned configuration at Mach numbers 14 and 20 /U/ Final report, 1 Jun. - 18 Jul. 1967	1968
19680078673	Longitudinal static stability, drag characteristics, and induced rolling-moment results for a number of general electric RVTO vehicles at Mach approximately 19 /U/	1968
19680078674	Study of reinforced solid-propellant grains for several Army mission concepts /U/	1968
19680078682	Asymptotic theory of multiple diffraction	1968
19680078683	Development of an optical superheterodyne receiver Final report	1968
19680078684	Apollo unmanned extravehicular mission, thermal limit verification test program, phase 2 - EMU thermal simulator determination	1968
19680078685	Measurement of glass content in rocks by X-ray diffraction Progress report, Apr. 1967 - Mar. 1968	1968
19680078695	Evaluation of the combustion of a light metal hydride gelled fuel with selected oxidizers /U/ Final report, 1 Apr. 1966 - 30 Sep. 1967	1968
19680078740	Feasibility demonstration of a single-chamber controllable solid rocket motor /U/ Final report, 1 Jul. 1965 - 1 Aug. 1967	1968
19680078742	The preparation of potential burning-rate modifiers /U/	1968
19680078743	Applied LMH combustion /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1967	1968
19680078749	Research and technology division report for 1967	1968
19680078750	Study of technology requirements for atmosphere braking to orbit about Mars and Venus. Volume 2 - Technical analyses Final report	1968
19680078751	Study of technology requirements for atmosphere braking to orbit about Mars and Venus. Volume 3 - Appendices Final report	1968
19680078752	Dispersion-strengthened metal structural development Interim technical report, 1 Nov. 1967 - 1 Feb. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078753	Optimum airfoils at moderate supersonic speeds. Part 3 - Maximum lift-to-drag ratio for given thickness	1968
19680078776	On a modification of the classical isoperimetric problem	1968
19680078783	Electrochemical systems heat and mass transfer Quarterly report, 6 Sep. - 5 Dec. 1967	1968
19680078784	High performance fuel cell	1968
19680078785	Feasibility study for gaseous helium recovery on LC-39	1968
19680078787	The foreign technology of liquid propellants and their combustion Surveys of foreign scientific and technical literature	1968
19680078789	J-2 program /U/ Bimonthly progress report, Nov. - Dec. 1967	1968
19680078815	Investigations regarding development of a high-performance insulation system Quarterly progress report, 25 Nov. 1967 - 25 Feb. 1968	1968
19680078826	Advanced thrust vector control, preliminary design computer program. Volume 3 - User's manual Final report, 1 Aug. 1966 - 15 Dec. 1967	1968
19680078844	Aircraft Navigation Computer /ANC/ Interim report	1968
19680078847	Compilation of sensitivity characteristics of pyrotechnic compositions	1968
19680078848	Flight dynamics of the Blue Goose vehicle traversing a high altitude nuclear explosion Technical report, Jan. - Nov. 1967	1968
19680078849	Gyro platform alarm monitor system evaluation Final report, 29 Jan. - 10 Feb. 1968	1968
19680078853	RF-4C reconnaissance steering computer Final report, Apr. - Sep. 1967	1968
19680078854	Aspect ratio effects on the aerodynamic and heat-transfer characteristics of the SNAP-29 fuel block at Mach number 8	1968
19680078856	Athena B-037, flight 096 /1 February 1968/ Meteorological data report	1968
19680078858	Prototype acquisition and tracking system for optical radar Final report	1968
19680078865	Apollo/Saturn reliability and quality assurance program plan	1968
19680078874	Adiabatic conditions in deformation processing	1968
19680078876	Mars soft lander probe study	1968
19680078877	An empirical simulation of the translunar injection burn for the nominal and hybrid mission energy range	1968
19680078879	Powder metallurgy	1968
19680078882	Quality assurance program	1968
19680078887	On the course of the reaction of the type A solid plus B gas reversible reaction C solid	1968
19680078888	Nucleation of the new solid phase in thermal dissociation reactions of the type A solid reversible reaction B solid plus C gas	1968
19680078895	Occurrence and role of microorganisms that utilize oxalates in weathering processes	1968
19680078896	Methods for forcing global convergence in the course of the Newton procedure for special nonlinear equation systems	1968
19680078897	Sensitivity of the creep-rupture properties of Waspaloy sheet to sharp-edged notches in the temperature range of 1000 deg-1400 deg F	1968
19680078898	Communication over noisy channels with no a priori synchronization information	1968
19680078899	Measurement of the contact potential between pure metal surfaces and its change due to gas adsorption	1968
19680078900	Pressure broadening of diffuse helium lines - Comparison between measurement and theory in the quasistatic range	1968
19680078901	On the evolution of rudimentary epiphysial photoreceptors in magpies of the Pica pica species	1968
19680078903	Second-order boundary layer theory for plane and axisymmetric hypersonic flow	1968
19680078904	Wide-band amplifier for rapid impulses	1968
19680078905	Simplified derivation of Runge-Kutta procedures	1968
19680078906	Photon detection of light scattering by ultrafine aerosols	1968
19680078907	Overstrain and metabolic consequences	1968
19680078908	Failure analysis techniques for high reliability relays	1968
19680078909	Adaptive controls for machining	1968
19680078912	On the question of the existence of localized conditions during the interaction of an atom with a crystal	1968
19680078914	An investigation of strain cycling behavior of 7075-T6 aluminum under combined state of strain Progress report, 1 Oct. 1967 - 31 Mar. 1968	1968
19680078915	Dynamics of steady electron-nuclear double- resonance of F-centers in alkali-halide crystals	1968
19680078918	LM-3 telemetry system performance bit transition density report	1968
19680078919	Review of Apollo command module water landing loads	1968
19680078921	LTA-8 S-band equipment temperature measurement locations report	1968
19680078922	Tracking of missiles and space vehicles Surveys of foreign scientific and technical literature, Jan. - Oct. 1967	1968
19680078924	Digital data compressor	1968
19680078954	Analysis of the Apollo entry guidance equations for COLOSSUS	1968
19680078955	Guidance system operation plan for manned LM earth orbital and lunar missions using Program LUMINARY. Section 4 - PGNCs operational modes	1968
19680078956	Guidance system operations plan for manned LM earth orbital and lunar missions using Program LUMINARY. Section 5 - Guidance equations	1968
19680078957	Aerobee NASA 4.205 GG /25 January 1968/ Meteorological data report	1968
19680078959	The application of error control to NRD digital data transmission links	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680078964	Description of the automated tasks included in the Mitre airlift control center /ALCC/	1968
19680078967	Refractory tube test chamber and materials evaluation program Final report	1968
19680078968	Development of cast superalloy dies for hot die forging systems Interim engineering progress report, 16 Oct. 1967 - 15 Jan. 1968	1968
19680078969	Feasibility of using undersea facilities to provide psychological and physiological data applicable to lengthy space missions - Abstract Final report	1968
19680078970	Calculations on the gaseous and volatile. fission products in highly irradiated nuclear fuel	1968
19680078971	Feasibility of using undersea facilities to provide psychological and physiological data applicable to lengthy space missions Final report	1968
19680078972	Synthesis and characterization of intermetallic polymers Final report, 1 Nov. 1966 - 30 Nov. 1967	1968
19680078973	Three hundred deg C semiconductor for power devices Final technical report, 1 Jul. 1966 - 30 Sep. 1967	1968
19680078975	Study and investigation leading to the design of broadband high-power klystron amplifiers Final report, 10 Aug. 1966 - 9 Oct. 1967	1968
19680078976	Development of a gasoline-fired thermionic power supply Summary report, Nov. 1961 - Jul. 1966	1968
19680078977	Inhibited N2O4 engineering data Quarterly report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680078978	Bibliography of photoabsorption cross section data	1968
19680078979	Transistor, field-effect, HF silicon, power, linear, 10-megahertz, 5-watt-PEP Final report, 20 May 1966 - 19 Aug. 1967	1968
19680078980	UHF integrated circuit technology Quarterly report, 15 Jul. - 14 Oct. 1967	1968
19680078981	Procedure for the determination of fluorine in fluoro-organic compounds Final report, Oct. 1966 - 31 May 1967	1968
19680078982	Automatic exposure control technique for high-altitude day cameras Final report, Feb. 1965 - Nov. 1967	1968
19680078983	The application of fracture mechanics to the design, manufacture and operation of critical pressure components	1968
19680078984	Suitability of the flash method for measurements of thermal diffusivity on uranium dioxide specimens containing cracks	1968
19680078985	The etching of pyrolytic silicon carbide	1968
19680078986	A liquid-lubricated hydrostatic journal bearing. A theoretical and experimental study	1968
19680078990	Data on fluoroboric acid for battery application	1968
19680078991	Corrosion and compatibility Review of recent developments	1968
19680078992	Development and study of an electrical analog ear Quarterly report, 15 Aug. - 14 Oct. 1967	1968
19680078993	Honest John missile no. 716, round no. 563 RML /26 January 1968/ Meteorological data report	1968
19680078995	Effects of lubricants on helicopter spur gear fatigue Quarterly progress report, Sep. - Nov. 1967	1968
19680078996	Interaction of coherent radiation in an optical device Final technical report, 1 Dec. 1966 - 30 Nov. 1967	1968
19680078997	Advanced radar reflector studies Final technical report, 1 Jun. 1966 - 30 Nov. 1967	1968
19680078998	Effects of plant growth hormones on plant development in the absence of gravitational effects Semiannual report, 1 Sep. 1967 - 29 Feb. 1968	1968
19680078999	Stripline ferrite devices Interim report	1968
19680079000	FM demodulator impulse cancellation techniques Final report, Apr. - Nov. 1967	1968
19680079004	L-band tetrodes Quarterly report, 1 Jul. - 30 Sep. 1967	1968
19680079007	Code rate reducing recorder	1968
19680079008	Application of intelligent automata to reconnaissance	1968
19680079009	Launching of surface waves by line current sources	1968
19680079010	High-resolution frequency-wavenumber spectra	1968
19680079011	Ultrasonic and thermal studies of selected plastics, laminated materials, and metals Technical report, Sep. 1965 - Jun. 1967	1968
19680079012	Thermal transformation reactions of calcium hydrogen phosphates and of octacalcium phosphate	1968
19680079014	Thermal stress and transient behavior and thermal fatigue criteria for marine recuperators Final report	1968
19680079015	A moire pattern technique for the detection of shockwaves	1968
19680079016	A survey of the state-of-the-art in multisensor display equipment and interpretation techniques Final report, 15 Jun. - 15 Oct. 1967	1968
19680079017	Neodymium inorganic aprotic liquid laser	1968
19680079018	Mechanical properties of metals Review of recent developments	1968
19680079020	Scattering of conduction electrons due to point imperfections in metals	1968
19680079021	Nike-Apache Speedball 2, round no. 119, SN 53 /2 February 1968/ Meteorological data report	1968
19680079022	Flutter test of an array of full-scale panels from the Saturn S-4B stage at transonic Mach numbers Technical report, 24 Aug. - 7 Sep. 1967 and 31 Oct. - 6 Nov. 1967	1968
19680079024	Adaptation through tropical countries	1968
19680079025	Apollo/Saturn 5 flight safety plan vehicle AS-502	1968
19680079026	Apollo/Saturn 1B ground systems evaluation report. Apollo 5	1968
19680079027	The theory of surface states and quantum chemistry of the crystal surface	1968
19680079030	An elasto-plastic approach to fracture mechanics	1968
19680079031	Apollo technical integration and evaluation Monthly technical progress report and supplement, Mar. 1968	1968
19680079032	Detector investigation for 8-25 micron region, 1 July - 31 December 1967	1968
19680079033	Hydrocarbon-air fuel cell electric power plant /15-kW/ design Final report, Sep. 1966 - Jul. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079034	Velocity gage placement tool, 1 March 1966 - 1 January 1967	1968
19680079036	JP-4 fueled molten carbonate fuel cells Final technical report, 1 Jan. - 15 Nov. 1967	1968
19680079037	Loss of stability in plastic shells under tensile loading	1968
19680079038	Investigation of new concepts and linear beam techniques for microwave generation Final report, 1 Jul. - 30 Sep. 1967	1968
19680079040	Development of nanovolt preamplifiers for infrared detectors and similar applications	1968
19680079042	Additives for high temperature hydraulic fluids, part 2	1968
19680079043	Integration of the M-1218 local control program and the data system level changer Final report	1968
19680079045	Automatic program segmentation Final report	1968
19680079047	Research on laser balancing of rotating turbine components Interim technical report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680079048	Failure mechanisms in semiconductor diodes Technical documentary report, 4 Jan. - 4 Jul. 1967	1968
19680079050	X269 Spider demonstration program /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680079053	RF-biased broadband infrared detector /U/ Semiannual report, 15 Jan. - 14 Jul. 1967	1968
19680079054	Epitaxial growth of mercury cadmium telluride in an "open tube" type /U/ Final report, 1 Jul. 1966 - 30 Jan. 1968	1968
19680079056	GLOW optical data report on test no. 6948 /U/	1968
19680079059	Improvements in economics of space operations. Volume 2 - Observations /U/ Summary report, Feb. 1965 - Nov. 1967	1968
19680079066	Advanced solid and monoliquid gas generators /U/ Quarterly report, 27 Sep. - 26 Dec. 1967	1968
19680079070	The foreign technology of solid propellants and their combustion	1968
19680079072	Attribute space development and evaluation Final report	1968
19680079073	Research on selected quantum electronics problems Interim engineering report, 1 Sep. - 30 Nov. 1967	1968
19680079077	Satellite UHF phased array antenna techniques /U/ Semiannual report, Jul. - Dec. 1967	1968
19680079081	Storable liquid oxidizer /U/ Quarterly interim report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680079084	Modified Reconofax 6 infrared mapping set with real-time inflight display /U/ Final report	1968
19680079085	Investigation of the thermodynamic properties of propellant ingredients and the burning mechanisms of propellants /U/ Annual progress report, 2 Jan. - 31 Dec. 1967	1968
19680079086	Effects of army environment on the case-on- propellant motor /U/ Final report, 1 Jun. 1966 - 30 Sep. 1967	1968
19680079090	Combustion mechanism of low burning rate propellant /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680079094	EX 52/Sparrow 3 compatibility tests /U/	1968
19680079095	Airborne target recognition study /U/ Quarterly progress report, 10 Sep. - 31 Dec. 1967	1968
19680079096	Hydride crystallization /U/ Interim engineering progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680079098	Air Force evaluation of the B-52G and H prototype stability augmentation and flight control system Technical report, 4-14 Aug. 1967	1968
19680079099	Calculation of radar cross-section Interim progress report, 30 Sep. - 31 Dec. 1967	1968
19680079100	Reliable glass-fiber-filled polytetrafluoroethylene materials for piston seals in high-pressure, oil-free air compressors	1968
19680079101	Investigation of laminated structures for radio frequency applications Interim technical report, 1 Sep. - 30 Nov. 1967	1968
19680079102	Studies of surface chemistry of solids in dissemination Quarterly progress report, Aug. - Oct. 1967	1968
19680079103	RP9-94 investigation into warm up time in C.R.T.'s Final report	1968
19680079106	Advanced thrust vector control preliminary design computer program. Volume 2 - Program description. Book 1 - Requirements Final technical report, 1 Aug. 1966 - 15 Dec. 1967	1968
19680079108	Parallelism in computer programs and multiprocessing machine organizations Quarterly technical research and development report, 23 Jul. - 20 Oct. 1967	1968
19680079109	Electro-optical input/output equipment with memory Quarterly technical research and development report, 1 Jul. - 30 Sep. 1967	1968
19680079113	Bibliography maneuvering ballistic reentry vehicle program, volume 2	1968
19680079114	Automatic recognition background effects study Final report	1968
19680079115	Development of manufacturing techniques for production of rain erosion resistant coated structures Interim engineering progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680079118	Application of linear optimal theory to control of flexible aircraft ride qualities Technical report, Jan. - Jul. 1967	1968
19680079119	Development of test methods for evaluating elastomeric shear mounts	1968
19680079120	Linear programming implementation in Illiac 4. 1 - Revised simplex method	1968
19680079121	Engineering tests of parachute extraction line emergency release assembly for 1528 LAPES	1968
19680079122	Intermediate energy molecular beams from free jets of mixed gases	1968
19680079127	Spectrum utilization characteristics of transmitter telemetry solid state, Teledyne Telemetry Company, Aerospace Division, model TR-38	1968
19680079128	Qualified test components Documentary report, 1 Oct. 1957 - 15 Dec. 1967	1968
19680079129	Development of a wide-angle narrow-band optical filter Summary report, Apr. 1966 - Dec. 1967	1968
19680079130	Theoretical crosspower and crosscorrelation between seismometer outputs	1968
19680079131	Radar homing and warning set AN/APR-30/V/ Quarterly interim engineering report, 9 Jul. - 9 Oct. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079132	Spectrum utilization characteristics of PCM telemetry transmitter vector model T-1131	1968
19680079133	Technical evaluation of crossband transponder for radar sets AN/SPN-10/42 Interim report	1968
19680079134	Methods to produce high modulus graphite yarn Interim engineering progress report, 10 Oct. 1967 - 10 Jan. 1968	1968
19680079139	Unconventional laser absorption and excitation phenomena Technical report, 1 Nov. 1966 - 1 May 1967	1968
19680079140	Spectral reconnaissance techniques, volume 2 Final report, 1 Oct. 1966 - 1 Oct. 1967	1968
19680079141	Extraction of a directional signal from isotropic noise of the same speed - Advanced array research	1968
19680079142	Development of automatic variable receiver sensitivity for radar set AN/SPN-6 Interim report	1968
19680079143	Development of improved grinding processes Interim engineering progress report, 1 Sep. - 31 Dec. 1967	1968
19680079145	Reaction of diisonitrosoacetone with sulfonyl chlorides Final summary report, Jul. 1965 - Dec. 1966 and Apr. - Dec. 1967	1968
19680079148	Studies of component-total task relations - Summary of results Final report, 1 Jul. 1964 - 30 Jun. 1967	1968
19680079150	Guidance system operations plan for manned CM earth orbital and lunar missions using Program COLOSSUS. Section 3 - CSM digital autopilots	1968
19680079152	Calibration of the AEDC-PWT 1-foot transonic tunnel Final report, 14-18 Jul. 1967	1968
19680079153	Automatic recognition background effects study Final report	1968
19680079154	Production engineering measure 1-watt, 2-gigahertz silicon transistor Quarterly progress report, 26 Jul. - 26 Oct. 1967	1968
19680079155	Microstrip circuit designs Interim technical report, 1 May - 30 Oct. 1967	1968
19680079157	Cerebral blood flow during hyperthermia Annual progress report, 1 Feb. 1967 - 31 Jan. 1968	1968
19680079159	Thermodynamic properties of rocket combustion products Quarterly technical report, 15 Oct. 1967 - 15 Jan. 1968	1968
19680079161	Reaction of diisonitrosoacetone with sulfonyl chlorides Quarterly report, Jul. - Dec. 1967	1968
19680079162	Relation between positive ion sputtering and low-energy electron diffraction surface measurements Final report, 1 Apr. 1966 - 30 Jun. 1967	1968
19680079163	Investigation of surface bombardment damage by LEED	1968
19680079164	Interaction of oxygen, carbon monoxide and nitrogen with /001/ and /110/ faces of molybdenum	1968
19680079165	Recent results on bombardment damage and adsorption	1968
19680079166	Development of a stream-powered, free-piston air compressor	1968
19680079167	User's manual, volume 1 - Chemical composition program	1968
19680079169	Broadening of molecular spectral lines, volume 2	1968
19680079172	Thin film RC networks for silicon integrated circuits Final report, 1 Aug. 1966 - 1 Nov. 1967	1968
19680079173	APCSE second year program. Volume 2 - Appendices Type 2 status report, Dec. 1966 - Dec. 1967	1968
19680079193	Equipment for the production of uniform liquid droplets and uniform contamination densities /U/	1968
19680079195	Neutron elastic and inelastic scattering from ⁵⁶ Fe from 4.60 to 7.55 MeV	1968
19680079198	Meteoroid shield requirements for a cylinder concept nuclear stage	1968
19680079199	Meteoroid impact modeling study as applied to semi-infinite targets	1968
19680079200	Differential curvature of a perturbed equipotential surface	1968
19680079201	The Fourier integral and its applications to optics	1968
19680079202	Impulse base flow facility technical handbook	1968
19680079203	Non-linear programming applied to a statistical estimation problem	1968
19680079206	APCSE second year program, volume 1	1968
19680079207	Compton scattering in a homogeneous magnetic field	1968
19680079209	Telemetry of gravity gradient data to the earth	1968
19680079210	Feasibility design considerations for seismometer applied to gravity gradiometry	1968
19680079211	Czechoslovak study of information transmission over an optical communication system with an He-Ne laser	1968
19680079212	Remote probing of high cloud cover via satellite-borne lidar Quarterly report, 15 Nov. 1967 - 1 Mar. 1968	1968
19680079213	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environment Semiannual report	1968
19680079215	The Interrelation of Area Ratio and Surface Coefficient with a Bipolar Probe System in the Ionosphere	1968
19680079217	Nonlinear and frequency conversion characteristics of IMPATT diodes	1968
19680079220	The packing of solid pentamino in a rectangular box	1968
19680079221	Mars stopover - Parametric performance requirements at Earth and Mars	1968
19680079222	Investigation of negative mass using cyclotron resonance techniques Final report	1968
19680079223	Annual report, 1966-1967	1968
19680079226	A new method for constructing periodic orbits in nonlinear dynamical systems	1968
19680079229	Thin ferrites for integrated microwave devices Quarterly technical report	1968
19680079230	An investigation by electron microscopy of the alpha-radiolysis of carbon monoxide	1968
19680079232	Guidance system operations plan for manned CM earth orbital and lunar missions using Program COLOSSUS. Section 4 - GNCS operational modes /rev. 1/	1968
19680079234	Universal tone-tone digital verification system	1968
19680079235	Coordinated space related studies at New York University Annual progress report, 15 Mar. 1967 - 15 Mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079237	Conduct research on the influence of gravity on unicellular organisms, and optimization of the ultraviolet flying-spot microscope for living cell observations Semiannual status reports, 1 Apr. - 30 Sep. 1967 and 1 Oct. 1967 - 31 Mar. 1968	1968
19680079238	Design requirements for reactor power systems for lunar exploration Executive summary report	1968
19680079240	Reliability analysis of the flight instrumentation system for Titan 3 remote multiplexed instrumentation system	1968
19680079242	Prototype production process for fabrication of wire and tubing by hydrostatic extrusion- drawing Interim engineering progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680079243	Research and development of a ruggedized planar ceramic triode Quarterly progress report, 1 Sep. - 8 Dec. 1967	1968
19680079245	Investigation of the ultrasonic sealing of pyrotechnic chemical payloads Final report	1968
19680079249	Advanced decoy technology program Adtech 3. Volume 2 - Wake RCS scaling program /task 4.3/ Final report	1968
19680079250	The electrolytic etching of self-bonded SiC	1968
19680079251	Surface recombination in indium antimonide Progress report	1968
19680079253	High-power hybrid multiple-beam klystron for phased arrays Final report, 15 Sep. 1965 - 15 Sep. 1967	1968
19680079255	Instrumentation and model fabrication technology developments for the simulation of ablating reentry vehicles Technical memo, Dec. 1966 - Dec. 1967	1968
19680079257	Test and control planning for space travel projects	1968
19680079260	Cardiovascular adaptation during long-term weightlessness Semiannual progress report, 31 Oct. 1967 - 1 May 1968	1968
19680079261	Cough Drop 2. Elimination of momentary thrust decay. Supplement 1 - Alternative lubricant investigation Final report	1968
19680079262	A survey of data compression techniques	1968
19680079264	Test and evaluation of AN/SPN-10/42 shipboard alignment corner reflectors Final report	1968
19680079266	Integrated circuit microwave mixers Annual report	1968
19680079268	New methods for producing high energy molecular beams	1968
19680079269	Integrated p-i-n diode phase shifter networks Interim technical report, 15 Oct. - 15 Dec. 1967	1968
19680079271	Mechanical properties, including fracture toughness and fatigue, and resistance to stress-corrosion cracking, of stress-relieved stretched aluminum alloy extrusions	1968
19680079273	System coupled dynamic instability amplitude limiting analysis and evaluation, part 1 Final report	1968
19680079274	System coupled dynamic instability amplitude limiting analysis and evaluation, part 2 Final report	1968
19680079276	Cough Drop 2. Elimination of momentary thrust decay Final report	1968
19680079277	Integrated circuits using MOS structures Final report	1968
19680079278	Objective methods of analyzing and forecasting tropical weather Final research and development technical report, 1 Dec. 1966 - 30 Nov. 1967	1968
19680079279	Material strength and weight considerations for the supersonic transport Final report	1968
19680079280	High temperature laminates Interim report	1968
19680079281	Extinction coefficient measurements on clear atmospheres and thin cirrus clouds	1968
19680079283	Mechanism of catalytic hydrogenation of ethylene with nickel as catalyst	1968
19680079284	Advanced decoy technology program Adtech 3. Volume 3 - Appendix 1 - An indexed bibliography of optimization literature related to engineering design Final report, 5 Apr. 1966 - 5 Oct. 1967	1968
19680079287	Optical thin-section microscopy of pyrolytic silicon carbide	1968
19680079288	The electron microscopy of pyrolytic SiC	1968
19680079289	The effect of a dome on single element beam patterns	1968
19680079290	Sampling tests of the two aircraft batteries, 34 ampere-hour, 24 volt, lead-acid, type MS 18045-42, manufactured by Gill Electric Division, Teledyne, Incorporated, under contract N00019-67-B-0304	1968
19680079291	Absorbent material evaluation Final report, Oct. 1966 - Oct. 1967	1968
19680079292	Fire resistance of experimental water-base hydraulic fluids	1968
19680079293	Mono versus stereo analytical photogrammetry, part 2 Final technical report, 5 Dec. 1966 - 4 Dec. 1967	1968
19680079295	Investigation of reactive loading Final scientific report, 15 Dec. 1962 - 14 Dec. 1967	1968
19680079296	Computerized techniques for the manufacture of integrated electronic systems Interim engineering progress report, 15 Oct. 1967 - 15 Jan. 1968	1968
19680079297	Hydrocode test problems Technical report, Oct. 1966 - Oct. 1967	1968
19680079298	DORO 2 - An organic scintillator pulse- height analysis code	1968
19680079299	Helium production in reactor materials	1968
19680079300	Design studies of high velocity liquid jet equipment, volume 2 Final technical report	1968
19680079303	Investigation of the feasibility of an erbium laser range finder	1968
19680079306	Atmospheric absorption near 6940 angstroms	1968
19680079307	Development of manufacturing methods, process controls, and computer program for fabricating weldable multilayer printed circuit boards Interim engineering report, 4 Oct. 1967 - 4 Jan. 1968	1968
19680079308	Integrated circuit techniques for radar display applications Quarterly report, 1 Jul. - 30 Sep. 1967	1968
19680079311	Lance /05802/ missile no. P-63, round no. 57 RBT /23 February 1968/ Meteorological data report	1968
19680079312	Accurate measurement of airflow rate during tests of air-breathing propulsion systems Final technical report, Apr. - Jul. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079313	The hydrostatic extrusion of commercially pure aluminum solid sections	1968
19680079314	Pulse compression tubes Final report, Jun. 1965 - Apr. 1967	1968
19680079315	Microwave properties of partially magnetized ferrites Semiannual technical report, 5 Jul. 1967 - 5 Jan. 1968	1968
19680079319	Composite charges. Part 1 - Establishment of relevant equations for the system. Part 2 - Numerical solution of equations	1968
19680079320	Analysis of far-field mixing with a periodic source of vorticity at the orifice	1968
19680079321	Development of a high voltage switching transistor Final report	1968
19680079323	Solid rocket structural integrity abstracts	1968
19680079324	Design of devices for optimum blood flow	1968
19680079325	The explosive forming behaviour of some nimonic and similar alloys	1968
19680079326	On the structure of representation of the algebra of current densities	1968
19680079328	In-flight decision system Final report, 24 Dec. 1966 - 23 Dec. 1967	1968
19680079331	P-7 and P-7-1 /T-62T-11 and T-62T-12/ - Product improvement plan Final report, 1 Apr. - 31 Dec. 1967	1968
19680079335	Study and investigation of a UHF-VHF antenna Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680079336	Hollow cathode discharge melting of titanium alloys	1968
19680079339	Evaluation of 28 volt dc brushless generator Phase report	1968
19680079340	Performance evaluation of the Codex Gallager decoder on a measured HF channel	1968
19680079344	Component improvement program for 1967 Engineering activity report, 1 Jan. - 31 Dec. 1967	1968
19680079345	Auxiliary multilevel store investigation and programming Final technical report	1968
19680079347	High voltage solar cell array segment Final report, 3 Jan. 1966 - 15 Nov. 1967	1968
19680079349	An extinction coefficient matrix for atmospheric transmission in the 0.32 to 0.70 micron wavelength range	1968
19680079354	Correlation of J65-W-16A test cells at NAS Quonset and Alameda to Curtiss-Wright Corporation's master cell	1968
19680079356	Investigation to produce metal matrix composites with high modulus, low-density continuous filament reinforcements Summary technical report, 1 Jul. 1965 - 30 Apr. 1967	1968
19680079357	A general analysis of contour holography	1968
19680079358	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Sep. - 31 Dec. 1967	1968
19680079359	A forced-oscillation test of a variable wing sweep research model at transonic speeds	1968
19680079360	Feasibility study of a self-magnetic magnetohydrodynamic accelerator for wind tunnel application Final technical report, Jan. 1966 - Jun. 1967	1968
19680079364	Subvex functions and Bohr's uniqueness theorem	1968
19680079365	Compatibility studies. Appendix 5 - Multi- diffraction of electromagnetic waves by two successive impedance wedges Final report, Apr. 1964 - Oct. 1967	1968
19680079366	Evaluating the reactivity of explosives	1968
19680079367	Chemoelectric energy conversion for nonaqueous batteries and fuel cells Quarterly report, Jul. - Sep. 1967	1968
19680079368	Nike-Apache STV 070, SRN-02 /27 February 1968/ Meteorological data report	1968
19680079369	Aerobee NASA 4.177 UG /29 February 1968/ Meteorological data report	1968
19680079370	Primary creep of metals due to varying stresses	1968
19680079371	High temperature hydrocarbon fuels research in an advanced aircraft fuel system simulator on fuel AFFB-9-67 Technical report, 18 May - 1 Dec. 1967	1968
19680079373	Analog computer simulation program of a breadboard liquid propellant gas generator Final report	1968
19680079374	Element development for advanced associative memories Final report, 30 Apr. 1965 - 30 Jun. 1967	1968
19680079375	Analytical method for the determination of non-uranic alpha emitters in uranium products from the reprocessing of natural uranium fuels	1968
19680079376	Development of analytical techniques for bellows and diaphragm design Final report, Mar. 1, 1965 - Mar. 11, 1968	1968
19680079377	Dynalens model S-023 /ACA-20/68I/ Final report, 11 Dec. 1967 - 24 Jan. 1968	1968
19680079378	Research on materials essential to cryocooler technology	1968
19680079379	Study of the combined effects of space environmental parameters on space vehicle materials Quarterly progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680079381	Magnetic transition temperatures of intermetallic compounds of rare earth with cobalt and iron	1968
19680079382	JTA manufacturing methods development Interim progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680079386	Optimum, non-linear processing of noisy images	1968
19680079387	Three-hundred deg C rotating rectifier alternator Interim technical report, 15 Nov. 1967 - 15 Feb. 1968	1968
19680079396	Missile phenomenology studies Annual summary report, Dec. 1966 - Dec. 1967	1968
19680079397	Roadband UHF transistor structure Interim technical report, 1 Jul. - 30 Sep. 1967	1968
19680079399	Little John missile no. 1090, round no. 659 AM /27 February 1968/ Meteorological data report	1968
19680079400	Signal design for vector channels Final report	1968
19680079404	Low voltage and neutron radiographic techniques for evaluating boron filament metal matrix composites	1968
19680079405	Polyphenylene resin /aromatic/ Final report, 30 Jun. 1966 - 31 Jan. 1968	1968
19680079409	Mathematics department	1968
19680079412	Explosions research department	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079418	The evaluation of Rainboe type 4 rain repellent	1968
19680079419	Research progress at the Aerospace Environmental Facility in fiscal year 1967 Final report, 1 Jul. 1966 - 30 Jun. 1967	1968
19680079431	Apollo support program Quarterly progress report, Oct. - Dec. 1967	1968
19680079441	Metallizing and evaluation of boron nitride microwave windows Progress report, 15 May - 15 Sep. 1967	1968
19680079449	On the scattering of electromagnetic waves by inhomogeneous media	1968
19680079453	Silicon integrated circuits for portable radar equipment Quarterly report, 1 Jul. - 1 Oct. 1967	1968
19680079455	Improved oxidation resistance of nickel and cobalt superalloys Quarterly progress report, Dec. 1, 1967 - Feb. 29, 1968	1968
19680079456	Lithium-nickel fluoride secondary battery investigation Quarterly technical progress report	1968
19680079458	Evaluation of extruded products Final technical report, Jul. 1966 - Dec. 1967	1968
19680079460	The response of nitroguanidine to a strong shock	1968
19680079464	Integrated Ku-band phase shifters Interim technical report, 1 Sep. - 15 Dec. 1967	1968
19680079468	Low velocity detonations	1968
19680079469	Study of tapered emitting sole crossed field amplifier /TESA/ Annual report	1968
19680079471	An experimental study of cylindrical Langmuir probes in a collisionless quiescent argon glow discharge	1968
19680079474	Evaluation of flame arrestor materials for aircraft fuel systems Technical report, 1 Jan. - 30 Sep. 1967	1968
19680079475	Research on the physical properties of ice at the Technische Hochschule, Munich	1968
19680079476	Research on vapor plating from organometallic compounds	1968
19680079478	Ionization and recombination contributions for a helium plasma	1968
19680079480	Manufacturing technology for polybenzimidazole resin in composite structures Interim engineering progress report, 15 Dec. 1967 - 15 Mar. 1968	1968
19680079482	Whisker reinforced metals Quarterly technical report, Nov. 1967 - Feb. 1968	1968
19680079483	Aerobee NASA 4.255 GG /21 Mar. 1968/ Meteorological data report	1968
19680079484	Composite thermoplastic/glass filament reinforcement for buoyant submarine cables RG-372 /XN-1/U and RG-373 /XN-1/U Final report, Mar. 10, 1966 - Sep. 21, 1967	1968
19680079485	Investigation of the electrode migration and reaction process occurring within alkaline- zinc batteries Quarterly technical progress report, 1 Dec. 1967 - 1 Mar. 1968	1968
19680079486	Research on electric power generation systems based on photosynthetic processes Final report, 1 May 1966 - 30 Apr. 1967	1968
19680079493	Extended investigation of HY-130/150 weldments Progress report, 1 Jul. - 31 Dec. 1967	1968
19680079498	A preliminary evaluation of production plates of VIM and VIM-VAR 10Ni-Cr-Mo-Co steel	1968
19680079499	Preliminary study of the hot-wire GTA welding process	1968
19680079501	Deformation and transformation of plagioclase by shock waves in the rocks of the Nordlinger Ries	1968
19680079503	Comparison of measured space-time correlations of turbulent ion density fluctuations with predictions based on an anisotropic mathematical model Technical report, 3 Dec. 1967 - 3 Mar. 1968	1968
19680079520	Spectral reconnaissance techniques, volume 1 /U/ Final report, 1 Oct. 1966 - 1 Oct. 1967	1968
19680079524	Thrust control exploratory development program /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680079526	AGM-12E/FMU-71B missile ground test report /U/	1968
19680079527	Static force tests on a high L/D configuration at Mach numbers 1.5 to 8.0 /U/ Final technical report, 26 Sep. - 9 Nov. 1967	1968
19680079528	Temperature rate flight control system development and simulation /U/	1968
19680079529	Research in high-energy oxidizers /U/ Final technical report, 1 Sep. 1966 - 31 Oct. 1967	1968
19680079530	Estimated system costs of a Mohawk Aircraft /OV-1D/ with alternative resolutions for the infrared detection equipment /U/	1968
19680079533	Voice communication degradation study Final report	1968
19680079534	The development of a head-mounted vidicon eye motion recorder Final report, 4 Feb. 1966 - 7 Aug. 1967	1968
19680079535	Investigation of structural design concepts for fibrous aircraft structures. Volume 1. Technology appraisal - Conceptual projections and synopses Final technical report, May 1965 - Feb. 1967	1968
19680079536	Effect of plastic strain on the K sub lsc of HY-80, HY-130/T/, and 12Ni-5Cr-3Mo steels	1968
19680079539	Tensile properties of eight structural steels	1968
19680079540	Development of a low-manganese HY-150 steel, 1	1968
19680079541	An objective analysis of wind data for energy budget studies	1968
19680079544	Aerobee AH 3.531 /19 February 1968/ Meteorological data report	1968
19680079545	Study of thin film oxide electrolytes Progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680079546	Brushless dc starter-generator Quarterly report, 1 Oct. 1967 - 1 Jan. 1968	1968
19680079550	Investigation leading to the development of a silver oxide-zinc battery Summary report	1968
19680079551	Effects of minor alloying elements on the mechanical properties of two candidate HY-180/210 steels	1968
19680079554	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors Quarterly report, 29 Sep. - 29 Dec. 1967	1968
19680079557	Electrodeposition of nickel-cobalt	1968
19680079580	Development of an HY-180/210 weldment Progress report	1968
19680079581	Static and dynamic low-temperature plane strain critical stress intensity factor behavior of steels	1968
19680079582	Tetrahedron flow beam geometry for microwave tubes Fifth triannual report, 4 Jun. - 3 Oct. 1967	1968
19680079583	VHF /24-76 MHz/ antenna installation and flight tests in an OV-10A airplane	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079585	Lycoming T53-L-13 engine - Official sea level low and high temperature endurance qualification tests with cite fuel and altitude performance tests Final formal report, 11 Oct. 1966 - 15 Mar. 1967	1968
19680079586	Graphical man/machine communications Semiannual technical report for period ending 30 Nov. 1967	1968
19680079591	Electron spin resonance studies of the aggregation of F-centers in KCl	1968
19680079592	Nitrosyl perchlorate - The anhydride of nitros acid and perchloric acid	1968
19680079593	The reflection coefficient of a TEM mode symmetric parallel-plate waveguide illuminating a lossless dielectric layer	1968
19680079594	Logarithmic amplifiers using metal oxide semiconductor transistors for space instrumentation	1968
19680079604	Effects of drugs on sensorimotor processes and mentation Annual report, 1 Mar. 1967 - 29 Feb. 1968	1968
19680079605	Distributor-transmitter TT-550//GG Quarterly report, 1 Aug. - 31 Oct. 1967	1968
19680079609	Photographic material suitable for in-flight processing Quarterly progress report, 1 Jul. - 1 Oct. 1967	1968
19680079614	New ideas in explosives melting	1968
19680079615	Studies on the energy metabolism of mitochondria from brown adipose tissue Semiannual progress report, 1 Jul. 1967 - 1 Jan. 1968	1968
19680079620	Design of ammunition maintenance facility for conventional and advanced weapons	1968
19680079621	Long life stable zinc electrodes for alkaline secondary batteries Quarterly report, 1 Jun. - 3 Aug. 1967	1968
19680079623	A 3-state model for digital error distributions	1968
19680079624	Development of a computer program for the performance analysis of air-augmented propulsion vehicles	1968
19680079626	Display oriented computer usage system, volume 1 Final report, Sep. 1964 - Jun. 1967	1968
19680079630	Research and investigation of analytical techniques for predicting reliability of flight control systems and components Technical documentary report, Apr. 15, 1965 - Sep. 1, 1967	1968
19680079631	Processing of initiating explosives	1968
19680079637	Raman shift laser study Quarterly progress report, Sep. - Dec. 1967	1968
19680079638	A study of the landing gear dynamic test facility Study and analysis report	1968
19680079639	Solid state scanner for optical character readers	1968
19680079642	Solid state optical mosaic sensor Interim technical report, 10 Oct. 1967 - 20 Feb. 1968	1968
19680079643	Experimental study under very high pressures of the disturbance of the visible and ultraviolet absorption spectrum of oxygen, nitric oxide and the resonance lines of certain metals	1968
19680079648	Poseidon ablation materials screening test in the 5-megawatt arc heater test unit	1968
19680079649	Linear integrated circuits Quarterly report, 1 Sep. - 30 Nov. 1967	1968
19680079650	The permeability of plastic films and sheets to gases, vapors, and liquids	1968
19680079651	Prediction of take-off distance for aircraft employing thrust augmentation	1968
19680079655	Ku band semiconductor T-R device production engineering measures program Quarterly progress report, 27 Oct. 1967 - 27 Jan. 1968	1968
19680079657	Device for determining the equations of state of compressed gases at high temperatures. Application to the study of nitrogen up to 1000 kg/cm ² and 1000 deg C	1968
19680079658	An experimental investigation of swirling flow in nozzles	1968
19680079659	The influence of electrostatic effects on the dispersion of organic powders Semiannual report, Jul. - Dec. 1967	1968
19680079660	The particle size of submicron tungsten and tungsten carbide powders	1968
19680079662	A mechanical property and metallurgical investigation of the Ti-7Al-2Cb-1Ta alloy	1968
19680079663	P-i-n diode phase shifter Final report, Mar. 1966 - Aug. 1967	1968
19680079664	VHF and UHF transistor transient investigation Quarterly progress report	1968
19680079666	J52-P-8A sea level performance	1968
19680079669	Digital computer programs for the design and evaluation of multichannel filters	1968
19680079670	Research on new techniques in absorption and emission spectroscopy Quarterly progress report	1968
19680079672	Production engineering measure for insulated gate field effect transistors Quarterly progress report, 1 Sep. - 30 Nov. 1967	1968
19680079674	Development of a micro lubricant deposit test Final report, 1 Dec. 1966 - 30 Nov. 1967	1968
19680079676	Test and evaluation of the LAU-62/A automatic flare launcher Final report, 18 May - 30 Nov. 1967	1968
19680079677	High power ferrite gas duplexer Quarterly progress report, 11 Nov. 1967 - 10 Feb. 1968	1968
19680079678	Multiple-reflective laser detector diode Interim technical report, 1 Nov. 1967 - 1 Mar. 1968	1968
19680079679	Development of nose cone protective covering techniques Interim technical report, Nov. 16, 1967 - Feb. 15, 1968	1968
19680079681	Attachment and recombination processes in atmospheric gases	1968
19680079683	Preparation of single crystalline mercury telluride/zinc telluride Interim technical report, 1 May - 31 Jul. 1967	1968
19680079684	Production engineering measure for subminiature, high reliability ceramic capacitors Quarterly progress report, 1 Apr. - 30 Jun. 1967	1968
19680079685	Research on dissemination processes Quarterly progress report, 1 Sep. - 4 Dec. 1967	1968
19680079686	Transmission characteristics of millimeter radio waves between 100 and 260 GHz Final technical report, Mar. 1965 - Feb. 1968	1968
19680079688	High temperature polymers from 1,3-dipolar addition reactions Quarterly progress report, 1 Nov. 1967 - 31 Jan. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079691	Development of closed die aluminum forging process for improved stress corrosion properties Interim engineering progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680079693	Shrouded propeller test program method development, phase 3	1968
19680079694	Jet fuel stability and effect of fuel-system materials Technical report, 1 Mar. 1966 - 30 Nov. 1967	1968
19680079695	Production engineering measure for subminiature, high reliability ceramic capacitors Quarterly progress report, 1 Jul. - 30 Sep. 1967	1968
19680079696	Development and utilization of specification MIL-L-23699 synthetic lubricating oils for aircraft gas turbine engines Formal report, Mar. 1962 - Oct. 1967	1968
19680079697	Dielectric tape television camera	1968
19680079698	Contractor's Independent Research and Development program /IR and D/ Final report, 1967	1968
19680079700	On the possibility of using the differential thermal method to study the kinetics of chemical reactions	1968
19680079701	On the stability of the combustion of liquid explosives at a constant pressure	1968
19680079702	Single crystal silicon films on insulating substrates /follow on program/, 1 November 1967 - 31 January 1968	1968
19680079703	Probability state variable system simulator, volume 1	1968
19680079704	Design techniques for a facsimile scanner Interim report, 1 Jun. - 30 Nov. 1967	1968
19680079705	Development and evaluation diffusion bonded laminated sections Interim progress report, 30 Nov. 1967 - 29 Feb. 1968	1968
19680079706	Development of avalanche oscillators at 10 GHz and 18.3 GHz Quarterly report, 23 Jun. - 22 Sep. 1967	1968
19680079707	Propeller Product Improvement Program, 1967 Final report, 1 Jan. - 31 Dec. 1967	1968
19680079708	Refractory laser oxide materials Interim engineering report, 1 Aug. 1967 - 31 Jan. 1968	1968
19680079709	Thompson tape development for use in solid propellant rocket nozzles Technical report, 1 Jan. - 30 Nov. 1967	1968
19680079714	Determination of energies to initiate and propagate cleavage cracks in beryllium Semiannual technical report, 1 Aug. 1967 - 31 Jan. 1968	1968
19680079715	A spinning hot-wire anemometer for simultaneous measurement of u, v, and w	1968
19680079716	Feasibility study for an all-weather surveying signal light Literature study, Oct. 1966 - Mar. 1967	1968
19680079717	Technical evaluation of defruiter set MX-8110/UPX Final report	1968
19680079718	Test and evaluation of AN/SPN-42 shipboard alignment corner reflectors	1968
19680079719	Reduction and determination of perchlorates	1968
19680079721	Analysis of wire antennas of arbitrary configuration by precise theoretical numerical techniques Semiannual report	1968
19680079722	Evaluation of the G. C. Dewey ranging and homing system for Coin operations Final technical report, May - Nov. 1967	1968
19680079724	Ionospheric data report	1968
19680079725	Optimization and evaluation of chromium composites Final report, 27 Mar. 1967 - 26 Feb. 1968	1968
19680079726	Production engineering measure on 1-watt, 2-gigahertz silicon transistor Quarterly progress report, 26 Oct. 1967 - 26 Jan. 1968	1968
19680079728	Assessment of the factors affecting advanced lifting entry vehicles Technical report, Nov. 1966 - Apr. 1967	1968
19680079730	Integrated circuit techniques for radar display applications Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680079731	Elimination of low-density inclusions in titanium alloy ingots Interim technical report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680079732	Acoustic radiation from a plate-rib system excited by boundary layer turbulence Interim report, Apr. 1967 - Jan. 1968	1968
19680079735	High resolution lenses Quarterly report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680079737	Cable materials for extreme environments Progress report, 1 Aug. - 31 Oct. 1967	1968
19680079738	RL10 rocket engine Monthly technical report, 1 Feb. - 1 Mar. 1968	1968
19680079739	Scalloping behavior of compressed electron beams in varying magnetic and electric fields	1968
19680079740	Bulk semiconductor control circuitry for solid state displays	1968
19680079743	Laser /optical maser/ beam fusion welding Final report	1968
19680079744	Aerobee NASA 4.261 GG /1 February 1968/ and Aerobee NASA 4.220 GG /1 February 1968/ Meteorological data report	1968
19680079745	Aerobee NASA 4.209 CS /15 March 1968/ Meteorological data report	1968
19680079746	Techniques for integrating solid-state circuitry into antennas Interim technical report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680079749	Raindrop distributions at Corvallis, Oregon	1968
19680079751	Development of improved cutting tool materials /carbide tool wear studies/ Interim report	1968
19680079754	Rechargeable metal-air cell Quarterly report, 1 Aug. - 31 Oct. 1967	1968
19680079755	Molecular beam experiments in the lunar environment	1968
19680079756	J52-P-6A compressor stall/chug problem Final report	1968
19680079757	J52-P-6A, compressor stall investigation Final report	1968
19680079758	Simplified engineering techniques for predicting diode and transistor photocurrent	1968
19680079760	Adhesive sealant for M-406 40mm round	1968
19680079761	Aerobee NASA 4.202 ND /19 March 1968/ Meteorological data report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079762	Aerobee NASA 4.198 GE /15 March 1968/ Meteorological data report	1968
19680079763	Honest John missile no. 1786, round no. 566 RML /5 March 1968/ Meteorological data report	1968
19680079764	Parametric performance analysis of crew escape concepts in the VTOL and conventional take- off and landing situations	1968
19680079765	Elevated temperature ram development Final report, phase 1, 1 Jul. 1967 - 31 Jan. 1968	1968
19680079766	HC-130H category 2/3 systems evaluation	1968
19680079770	Monte Carlo studies of light transport in a model afternoon tropical atmosphere Interim report, 1 Feb. - 31 Aug. 1967	1968
19680079772	Research on improved epoxy resins Quarterly progress report, 1 Nov. 1967 - 1 Feb. 1968	1968
19680079773	Preliminary test results of off-line error correction of coded teletype-tapes	1968
19680079774	S-C band O-type multipurpose TWT manufacturing methods program Interim engineering progress report, 1 Nov. 1967 - 1 Feb. 1968	1968
19680079775	Manufacturing process development for roll bonded titanium alloy structural sections Interim progress report, 1 May 1967 - 31 Jan. 1968	1968
19680079777	Microwave power generation in semiconductors Annual report	1968
19680079780	A simple technique for deriving state equations	1968
19680079782	Armt-23 and Armt-26 night photo system mounts /J.O. 10418/ Final report	1968
19680079783	Three programs for evaluating the parameters of a communications channel model	1968
19680079784	Electronic characteristics of a quenched mode Gunn effect oscillator	1968
19680079785	Computerized manufacturing and design - A selected bibliography	1968
19680079786	Radiation effects in dielectric materials Annual technical report, 1 Sep. 1966 - 15 Nov. 1967	1968
19680079787	PHOTRAN, a general purpose photon transport program in complex geometry. Volume 9 - Modification 1 program Technical report, Jun. - Nov. 1966	1968
19680079789	Theoretical optimization of staged ejector systems, part 22 Final report, Feb. 1967 - Feb. 1968	1968
19680079790	High power density fuel cell	1968
19680079791	Survey and analysis on metal-air cells	1968
19680079793	Laboratory and sled tests of the lunar excursion module abort sensor assembly /strapped-down inertial measurement unit/ Final report	1968
19680079796	The effect of jet breakup time on the penetration performance of shaped charges	1968
19680079802	Preparation of single crystalline mercury telluride/zinc telluride Interim technical report, 1 Aug. - 31 Oct. 1967	1968
19680079803	Gunn effect devices Quarterly report, 15 Sep. - 15 Dec. 1967	1968
19680079804	High power C band phase shifters Semiannual report, 11 Jul. 1967 - 10 Jan. 1968	1968
19680079806	Aerobee KP 3.22 /16 February 1968/ Meteorological data report	1968
19680079807	Stabilized tracking periscope Interim report	1968
19680079809	Spectroradiometric calibration of glow cinespectrograph GCS-1 using solar radiation	1968
19680079812	Display oriented computer usage system. Volume 2 - Appendices Final report	1968
19680079813	Reliability test report number 1, model number ID-1481/A. Indicator gyroscope, vertical reference	1968
19680079814	Heavy duty 28-ft ringslot extraction parachute tests Final report	1968
19680079815	Infrared spectroscopy of methyl esters of glycolic acids and related compounds Technical report, Nov. 1962 - Aug. 1966	1968
19680079817	Interface optimization investigation Final study report, May 1966 - Nov. 1967	1968
19680079824	Remarks on the finite element technique and the Rohm and Haas and Wilson computer programs	1968
19680079831	Investigation of gas detonation forming on aerospace materials Final report, 1 Jun. 1966 - 30 Sep. 1967	1968
19680079833	Liquid metal switch tube development Final report	1968
19680079835	Effect of Extreme Conditions on the Behavior of Lubricants and Fluids, Part 2 Technical Report, 1 Jan. - 31 Dec. 1967	1968
19680079836	Development of equipment for automatic narrow-gap welding for shipyard use, phase 2	1968
19680079837	Large scale integrated circuit array	1968
19680079838	OV-1C /Mohawk/ vibration data for the IR detecting set AN/AAS-14A, the signal data converter CV-2052 and the KA-30 camera	1968
19680079843	Altitude ballistic performance, heat flux, and ignition shock data of an AGC Alcor 1B solid-propellant rocket motor fired in a simulated in-flight ignition environment Final report	1968
19680079844	Error clusters in a Markov model for communication channels	1968
19680079845	Experimental program to determine the thermodynamic properties of solutions of liquefied light gases Quarterly progress report, 15 Oct. 1967 - 15 Jan. 1968	1968
19680079848	A study of solid state devices and phenomena the Gunn effect - New applications and materials Final report, Sep. 1965 - Dec. 1967	1968
19680079849	A feasibility study on the use of ion beam sputtering for solid sample atomization for atomic absorption spectroscopy Technical report, May - Aug. 1967	1968
19680079853	The aeroelastic behavior of rotary wings in forward flight. Volume 2 - Correlation with a servoflap rotor system Final report	1968
19680079854	Design and development of a 30 deg K closed cycle refrigerator Final report, Feb. 1962 - Feb. 1968	1968
19680079857	The measurement of spectra from X-ray machines	1968
19680079858	Thermal annealing studies of irradiation defects in graphite and the self diffusion mechanism	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079861	A reciprocal S-band high power p-i-n diode phase shifter Quarterly progress report, 10 Oct. 1967 - 9 Jan. 1968	1968
19680079863	Evaluation of Bendix RD-12A1 servo regulator system carburetor on model R1820-82/-82A engine Final report	1968
19680079864	The NMCSSC query display console system, computer systems manual	1968
19680079865	The NMCSSC query display console system - General description	1968
19680079866	Comprehensive mission analysis computer program /COMAP/ for VTOL aircraft	1968
19680079867	A basic study of the sliding contacts in rolling bearings Quarterly progress report, 1 Nov. 1967 - 1 Feb. 1968	1968
19680079870	Hardened power supply Interim report, 15 Jan. - 15 Mar. 1968	1968
19680079871	Development of omnidirectional high-energy photon spectrometers, 7 October 1966 - 3 December 1967	1968
19680079872	The influence of crystal perfection on defect nucleation in graphite irradiated at high temperatures	1968
19680079873	Intergranular embrittlement of an austenitic steel due to impregnation with helium	1968
19680079874	The calculation of differential neutron scattering cross sections of point defects in a relaxed lattice	1968
19680079875	Isobaric analogue states in /p,n/ reactions at 94 MeV	1968
19680079876	Manufacturing technology for an analog-to- digital and digital-to-analog converter Final engineering progress report, 1 Jun. 1966 - 31 Oct. 1967	1968
19680079878	Research and development programs Quarterly report, Jan. - Mar. 1968	1968
19680079879	Shrouded propeller test program computer program, phase 3, volume 2	1968
19680079880	Infrared observations of the Crab Nebula	1968
19680079884	Development of manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680079885	Investigations relating to the brittleness of beryllium Biannual report, 1 Aug. 1967 - 1 Feb. 1968	1968
19680079886	Development and evaluation of a C-130 aircraft Low Altitude Parachute Extraction System /LAPES/ for aerial delivery of single and tandem cargo platforms at ground proximity	1968
19680079888	The adsorption of yttrium ions on to anodic surface oxides of platinum	1968
19680079889	The Hall coefficient of liquid cesium	1968
19680079890	Generalized model for semiconductor radiation response prediction Quarterly report, 1 Jul. - 30 Sep. 1967	1968
19680079891	Honest John missile no. 1798, round no. 564 RGL /30 January 1968/ Meteorological data report	1968
19680079896	The effect of nozzle combustion on engine performance Final report, 8 Mar. - 7 Aug. 1967	1968
19680079897	Product improvement program for navy model H-2 hydraulic engine starter Final engineering report, 1 May - 31 Dec. 1967	1968
19680079900	The strength of metal-alumina interfaces	1968
19680079901	Apollo 4 guidance and navigation error analysis Final report	1968
19680079902	Aerobee NASA 4.169 CS /19 February 1968/ Meteorological data report	1968
19680079903	Honest John missile no. 718, round no. 565 RML /6 February 1968/ Meteorological data report	1968
19680079906	Study of noise in semiconductor devices Semiannual technical report, 16 Mar. - 15 Sep. 1967	1968
19680079909	Detailed Evaluation of Lunar Launch Window Configurations for Launch Dates During the Third Quarter of 1969	1968
19680079910	Implantation profiles of P 32 channelled into silicon crystals	1968
19680079911	Pentose and pentitol metabolism in hydrogenomonas species Semiannual report, 1 Nov. 1967 - 31 Apr. 1968	1968
19680079912	Technical evaluation of LINAR receiver for radar set AN/CPN-4A Final report	1968
19680079913	Investigation of PbTe-SnTe single-crystal material for use in detectors of 8 to 14- micron radiation	1968
19680079914	Research on polyurethane resins for structural laminate systems	1968
19680079915	Manufacturing process development for ausforming jet engine thrust bearings Interim engineering report, 15 Nov. 1967 - 15 Feb. 1968	1968
19680079917	Investigation of a first pulse decoding technique for Tacan Beacon receiver R865A/GRN-9B	1968
19680079918	Apollo lunar landing mission delta-velocity budget study for earth-phase postabort midcourse maneuvers	1968
19680079919	Diurnal variations of iron metabolism in normal humans and in hematological diseases	1968
19680079920	Use of large solid motors in booster applications Executive summary report	1968
19680079921	Pairing in a homogeneous magnetic field	1968
19680079922	Study of the structure of metal sulfites by infrared absorption spectrography	1968
19680079923	Comparative study of the genera Moraxella, Achromobacter, and Alcaligenes	1968
19680079924	Remarks about measuring the cloud ceiling with vertical radar as compared to optical cloud ceiling measurements	1968
19680079926	Small droplet measuring technique. Phase 1 - Technical report	1968
19680079928	Techniques for determination of transistor characteristics in a neutron environment, part 1	1968
19680079929	Technical investigation of Tacan bearing test set	1968
19680079930	Technical evaluation of log-FTC receiver for radar set AN/CPN-4A Final report	1968
19680079931	The aeroelastic behavior of rotary wings in forward flight. Volume 1 - Analysis Final report	1968
19680079932	Design and evaluation of certain multichannel filters	1968
19680079933	The effect of iron impurity on oxygen adsorption by magnesium oxide. An investigation by Moessbauer and E.S.R. techniques	1968
19680079934	Probability state variable system simulator random number generator instruction manual, volume 2	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680079935	Liquid laser parameters Semiannual technical report, 1 Aug. 1967 - 31 Jan. 1968	1968
19680079937	Results of facilities and environmental measurements during AS-204 launch	1968
19680079938	Static pressure distributions on various bodies of revolution at Mach numbers from 0.60 to 1.60 Final report, 27-30 Sep. 1967	1968
19680079942	Data selection program HH017A	1968
19680079943	Beckman models 108 and 109 hydrocarbon analyzers	1968
19680079944	Analytical study of simulation techniques for the high energy penetrating radiations of space Final report, Dec. 1966 - Sep. 1967	1968
19680079946	The ion flux characteristics at the surface of a charged spherical satellite	1968
19680079947	Cost effectiveness studies of facilities for high-hazard explosive materiel	1968
19680079951	Smoke measurement facility	1968
19680079957	Spectrum utilization characteristics of VHF-FM transmitter Telemet model 3008-A1 National range technical report	1968
19680079958	Semiempirical formula for differential dose albedo for fast neutrons on iron, aluminum, soil and concrete Final report	1968
19680079965	Excitation chamber - Combustion response for liquid rocket injectors. Part 2 - Analysis and theory	1968
19680079966	Influence of storable propellant liquid rocket design parameters on combustion instability	1968
19680079969	Flow behavior with acoustic liners	1968
19680080008	A model for the ignition of a heterogeneous solid rocket propellant	1968
19680080025	Influence of metabolic accumulation of products of Hydrogenomonas cells in their continued growth Progress report, 1 Nov. 1967 - 30 Apr. 1968	1968
19680080026	Manufacturing methods for plastic airframe structures by filament winding Quarterly report, Nov. 1967 - Jan. 1968	1968
19680080027	Product improvement program, air turbine starters, air control valves, air turbine drives Final report	1968
19680080029	Incipient failure detection, the detection of certain contaminating processes through the evaluation of electrical noise Final report	1968
19680080032	Launch vehicle simulation program report, phase 1, volume 1	1968
19680080033	The characteristics and standard variability of composite solid propellant tensile properties Mid-term status report, Jun. 1, 1967 - Feb. 29, 1968	1968
19680080034	Radiation-induced precursor flow field ahead of a reentering body	1968
19680080042	Electron energy deposition in multi-layered slabs and cylinders	1968
19680080046	Electron tube research Triannual progress report, 1 Aug. - 30 Nov. 1967	1968
19680080047	The use of the DBA as self-adapting infinite-lag smoothing filter	1968
19680080048	A low pass filter having optimum bandwidth- impulse response	1968
19680080049	A comparison of two types of binary radar codes	1968
19680080050	A PSK detector with digital output	1968
19680080051	Rapid computer time response calculation for systems with arbitrary input signals	1968
19680080052	High-speed digital computer analysis of nonlinear and time-varying electronic circuits	1968
19680080053	The design of radar signals by nonlinear programming	1968
19680080056	A study for determining the feasibility of advancing the technological status of the Saturn 5 Mobile Service Structure /MSS/. Task "B" - Platform-to-platform enclosure concepts	1968
19680080057	Study of advanced ground station - post 1970. Task 6 - Data collection for evaluation model	1968
19680080058	The electronic structure of the ground state of the carbon atom	1968
19680080059	Data smoothing program HH018A	1968
19680080061	Cryogenic propellant gage Quarterly progress report	1968
19680080062	Control moment gyro configuration selection study for non-spinning space vehicles	1968
19680080064	Properties of the 9.16-MeV excited level of N 15 from the N 14 /d,p gamma/ N 15 reaction	1968
19680080068	Development of internal microwave-acoustic modulation of solid-state lasers	1968
19680080069	Quarterly progress report for 1 October - 31 December 1967	1968
19680080071	Electron ionization cross sections Quarterly technical management report no. 2	1968
19680080072	PROC programming description	1968
19680080073	Probe packaging for a Mars flyby spacecraft	1968
19680080075	Load capacity of spherical bearings under axial and misaligned radial loads	1968
19680080076	Hyperfine beamsteering using a signal crosscorrelation technique	1968
19680080078	High-sensitivity infrared receiver development Quarterly report, phase 2, 1 Oct. 1967 - 1 Jan. 1968	1968
19680080085	A contribution to the theory of magnetic reversal with ferrites. 1. Investigation of a cylindrical wall displacement model	1968
19680080086	Modern methods of measuring cloud ceiling with light radar	1968
19680080088	Research in purification and single crystal growth of 2-6 compounds Quarterly progress report, 16 Oct. 1967 - 15 Jan. 1968	1968
19680080089	Mathematical model for VHF antenna coverage analysis of Apollo missions D and E	1968
19680080090	Apollo mission 5/AS-204/LM-1 trajectory reconstruction and postflight analysis - Appendixes, volume 1	1968
19680080091	Feasibility of postlaunch debris impact predictions by using NORAD reentry data	1968
19680080099	Feasibility of a gallium arsenide Schottky barrier-gate field-effect transistor Interim technical report, 6 Nov. 1967 - 5 Feb. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080100	Spectrum utilization characteristics of FM telemetry transmitter, Dorsett TR-180	1968
19680080102	Fifty ampere turn-off switch Quarterly report, 15 Nov. 1967 - 15 Feb. 1968	1968
19680080105	Relationship of welding parameters to structure and properties of HY-130 steel and weld metal	1968
19680080106	Coaxial GaAs varactor diode Interim technical report, 7 Sep. 1967 - 6 Mar. 1968	1968
19680080107	Sintering of organic powders Final report, May 1964 - Dec. 1967	1968
19680080108	Saturn stage S-1B-11, combustion instability tests SA-49, SA-50, SA-51, and SA-52	1968
19680080115	Structures for 300-watt, 400 MHz VHF power transmission Interim technical report, 1 Oct. - 31 Dec. 1967	1968
19680080117	Design and evaluation of a high temperature radial turbine Quarterly technical progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680080118	Statistical evaluation of the composition, physical properties, and surface configuration of terrestrial test sites and their correlation with remotely sensed data Semiannual status report, period ending 31 Mar. 1968	1968
19680080119	The preparation and sintering behaviour of uranium mononitride made by the carbothermic reduction of uranium oxides in nitrogen	1968
19680080121	Probing techniques for use in high temperature reacting flows	1968
19680080122	The two-dimensional oscillating airfoil in a wind tunnel in subsonic compressible flow	1968
19680080123	Orbital departure and launch window analysis for manned Mars conjunction-class missions, 1977-1983	1968
19680080125	Experimental and theoretical research in gravitation physics Final scientific report	1968
19680080126	Ionospheric Telecommunications Laboratory Progress report, Jul. - Dec. 1967	1968
19680080127	Task C - Sealing of swing arm penetrations of platform enclosures	1968
19680080128	NASA STADAN station Santiago, Chile station facility documentation package	1968
19680080129	Joint Services electronics program Semiannual progress report, 1 Jul. - 31 Dec. 1967	1968
19680080132	Electron wave interaction in solids Interim technical report, 1 Sep. - 30 Nov. 1967	1968
19680080136	Mechanism of the thermal ignition of explosives	1968
19680080146	On the photochemistry of ozone in the ozone layer	1968
19680080147	Application of Lie series to the solution of ordinary differential equations and to algebraic functions	1968
19680080148	Lubricants for the space environment	1968
19680080152	Elastic-plastic fracture mechanics Summary report, 1 Apr. 1966 - 30 Apr. 1967	1968
19680080153	Activities report of ETL field office, 1 January - 31 December 1967	1968
19680080154	Aerial still camera, Ka-76, and associated equipment Final report	1968
19680080155	Soviet precipitation-hardenable steels, titanium alloys, and magnesium alloys	1968
19680080157	Product Support Program /PSP/ Final engineering report, year ending 31 Dec. 1967	1968
19680080158	Genetic studies of hydrogen bacteria and their applications to biological life support systems	1968
19680080161	Orbital fuel cell Final report, 1 Jul. 1966 - 29 Feb. 1968	1968
19680080162	High-temperature-resistant polymer research Quarterly report, Oct. - Dec. 1967	1968
19680080163	Determination of the activation energy of the viscous flow of polymers according to experimental data	1968
19680080165	Field calibration procedures pressure transducers launch complex 39	1968
19680080167	Nimbus D Interrogation, Recording, and Location Subsystem /IRLS/ Quarterly report, 1 Dec. 1967 - 1 Mar. 1968	1968
19680080169	The Generalized Evaluation Model Simulator /GEMS/. Volume 1 - Users manual	1968
19680080170	The use of mass coupling to determine stability derivatives	1968
19680080171	Chromatographic analysis of phosphates. Part 2. Thin-layer chromatography of condensed phosphates	1968
19680080173	The growth and infrared spectra of several alkali halide single crystals containing OH, SH, and OD ions as impurities	1968
19680080174	Evaluation of an ultrasonic detector for gas chromatography	1968
19680080175	A method for estimating optimum launch vehicle and kickstage performance	1968
19680080177	Research on the electrochemical oxidation of hexane and its isomers Semiannual interim report, no. 4, 16 May - 15 Nov. 1967	1968
19680080180	Study of the theory and mechanism of chemical and optical sensitization of vacuum evaporated silver bromide film Final report, Mar. 1966 - Nov. 1967	1968
19680080182	Analysis of VHF telemetry signal strength from Apollo AS-202 at reentry	1968
19680080183	IMP F and G phase 2, magnetic field analysis	1968
19680080184	Atmospheric structure research for long-term forecasting	1968
19680080190	Translations on French nuclear, missile, space, and related military developments, no. 140	1968
19680080194	Launch vehicle simulation program report, phase 1, volume 2	1968
19680080195	G10B-1 gyroscope Final report	1968
19680080200	Investigation of gaseous nuclear rocket technology Quarterly progress report, 16 Dec. 1967 - 15 Mar. 1968	1968
19680080213	A technique for the preparation of thin films for transmission electron microscopy from highly irradiated uranium dioxide fuel elements	1968
19680080214	Molecular electronics for radar applications, phase 2 Interim report, 1 Sep. - 31 Dec. 1967	1968
19680080215	Continued development of a unique method of command thrust modulation /U/ Quarterly technical summary, 1 Oct. - 31 Dec. 1967	1968
19680080218	Hydrazine nitrate catalyst development /U/ Quarterly report, Nov. 1, 1967 - Jan. 31, 1968	1968
19680080219	Advanced packaged liquid rocket engine /U/ Quarterly progress report, 6 Nov. 1967 - 2 Feb. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080221	Reentry systems environmental protection /Resep/ task 4, refractory materials development program /U/ Final report, 18 Apr. 1966 - 18 Feb. 1968	1968
19680080223	Mixing of highly sensitive solid propellants /U/ Final report	1968
19680080224	Aiming accuracy of the XH-51A rigid rotor helicopter /U/	1968
19680080227	TAPP 6 programming users manual	1968
19680080228	LM powered descent monitoring displays	1968
19680080229	Inhomogeneity in sintered uranium-plutonium carbides and oxycarbides	1968
19680080242	Particle size determination techniques	1968
19680080264	Effect of propellant additives and motor insulations on radar attenuation caused by rocket motor exhausts /U/ Final report, 1 May - 31 Dec. 1967	1968
19680080266	Performance of an external compression inlet of a variable-sweep tactical fighter model at Mach numbers from 0.5 to 1.3 /U/	1968
19680080275	Evaluation of the Coin ranging and guidance laser /U/ Final technical report, 2-31 Oct. 1967	1968
19680080280	Synthesis of energetic oxidizers /U/ Final technical progress report, 1 Aug. 1966 - 30 Sep. 1967	1968
19680080281	RS-9 experimental airborne infrared surveillance system /U/	1968
19680080283	High efficiency S-1 photocathode processing techniques /U/ Quarterly report, 1 Sep. - 30 Nov. 1967	1968
19680080287	Microchannel arrays, 1 July - 30 September 1967 /U/	1968
19680080288	Microchannel arrays, 1 October - 31 December 1967 /U/	1968
19680080294	Laboratory evaluation of the Sanders High Angular Resolution Processor /SHARP/ system /U/ Interim report, 4-12 Dec. 1967	1968
19680080297	Electronic scanning pencil beam antenna /U/ Quarterly report, 1 Jul. - 30 Sep. 1967	1968
19680080298	Experimental study of base drag reduction in a turbojet exhaust /U/ Final report, May 1966 - Aug. 1967	1968
19680080299	Evaluation of spiral wound ribbon structures for transpiration/film cooling /U/ Final report, Apr. 1, 1966 - Jul. 15, 1967	1968
19680080300	Translations on French nuclear, missile, space, and related military developments, no. 143	1968
19680080303	GLOW Optical Data Report on Missions Athena Nos. 094-B022-I07 and 095-B039-X01	1968
19680080311	High temperature synthesis /U/ Final report, 15 Feb. - 6 Nov. 1967	1968
19680080313	RK8129 amplitron improvement program /U/ Interim development report, 1 Jul. - 1 Oct. 1967	1968
19680080314	Three-axis laser angular rate sensor /U/ Progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680080315	Research on advanced solid propellants /U/ Quarterly progress report, 11 Sep. - 10 Dec. 1967	1968
19680080316	Integrated motor, feasibility demonstration /zoning of solid propellant motors by selectable impulse/ /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1967	1968
19680080318	Laser target recognition system R and D /U/ Technical report, 1 Jul. - 31 Dec. 1967	1968
19680080319	Aerothermodynamic tests of several RVTO configurations with roll control devices at Mach numbers 8 and 10 /U/ Final report, 31 Jul. - 18 Nov. 1967	1968
19680080320	Develop single-stage 25 mm image intensifier tubes /U/ Final report, May 1966 - Dec. 1967	1968
19680080321	Micron laser radar 10.6 /U/	1968
19680080323	Passive monocular-ranging techniques Progress report, 1 Oct. - 31 Dec. 1967 /U/	1968
19680080324	Tests of a one-third-scale NASA hypersonic research engine inlet at Mach numbers 6 and 8 /U/ Final report, 7-19 Jul. 1967	1968
19680080330	A spline-function asymptotic maximum-likelihood technique for real-time target tracking and trajectory analysis /U/	1968
19680080333	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments. Propellant heating test Final analytical progress report, 1 Oct. - 31 Dec. 1967	1968
19680080334	The study of the formation and structure of carbon deposits on iron, cobalt and nickel surfaces	1968
19680080335	Space programs Quarterly report, Jan. - Mar. 1968	1968
19680080336	Extravehicular Engineering Activities /EVEA/ program requirements study, volume 1 Summary technical report	1968
19680080337	Geomicrobial investigations, 9. Exploitation of powdered rock and mineral as source of salts for bacteria	1968
19680080338	Production engineering of ferrite powder by fluid bed technique Quarterly report, Oct. - Dec. 1967	1968
19680080339	Wall flows and flow impingements from the deviation of free jet groups	1968
19680080341	Analysis of Apollo command and service module environmental control system secondary loop radiator system and program number HH012A user's manual	1968
19680080342	Dynamic studies of LM S-band antenna tracking system /preliminary report/	1968
19680080343	Implications of the gelled state of matter for naval applications Final report, 15 Jun. 1966 - 14 Jun. 1967	1968
19680080344	Airborne radio retransmission using a single antenna	1968
19680080345	Quantum theory of activation transfers between molecules of the same species. Case of fluorescent solutions	1968
19680080346	Information theory approach to testing	1968
19680080347	Energy change of conduction electrons in metals by point defects. Part 2 - Examples and application	1968
19680080348	Energy change of conduction electrons in metals by point defects. Part 1 - General theory	1968
19680080349	Apollo Saturn 1B earth launch phase abort study	1968
19680080350	Performance of third stage motor on Delta 54	1968
19680080351	Activities report of ETL field office, 1 January - 31 December 1967	1968
19680080353	A technique for computing terrain effects on radar return	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080354	Optimization of equivalent noise bandwidth measurements	1968
19680080355	Comparison of Surveyor data with Beckmann- Smith reflectivity model	1968
19680080357	Translations of French nuclear, missile, space and related military developments no. 141	1968
19680080358	Analysis of possible lunar-multipath degradation of LM backup modes using LM S-band omnidirectional antennas	1968
19680080361	Structural integrity of missile solid propellants	1968
19680080362	Air Force surveillance report	1968
19680080364	Predicting NF propellant service life from high-temperature cube-fissuring tests /U/	1968
19680080365	Network structure of polyurethan elastomers as revealed by stress relaxation measurements	1968
19680080366	Some preliminary measurements of free radical formation in polymers under stress	1968
19680080367	Microstructural analysis of some cumulative damage effects	1968
19680080368	Relationships between propellant failure times in various modes of failure	1968
19680080369	Evaluation of propellant-to-substrate bonds in a multiaxial stress field /U/	1968
19680080370	Combustion mechanism of high burning rate solid propellants /U/ Quarterly technical report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680080376	GLOW optical data report for mission WTR 2984 /U/	1968
19680080377	GLOW optical data report on WTR 6976 /U/	1968
19680080384	Acoustic instability	1968
19680080387	Nozzle materials	1968
19680080388	Insulation materials	1968
19680080389	Case bonding	1968
19680080394	Quarterly progress report research in chemistry October - December 1967 /U/	1968
19680080399	LES-5 evaluation report /U/ Quarterly report	1968
19680080400	Computer program for the algebraic manipulation of series	1968
19680080401	Orbiting Geophysical Observatory. OGO-F data book	1968
19680080402	Hybrid simulator data management report	1968
19680080403	Operational reliability studies of the manned space flight network	1968
19680080423	Tantalum system evaluation Interim technical report, 1 Nov. 1967 - 1 Feb. 1968	1968
19680080424	Studies on the mechanisms of hypersensitivity phenomena Final report, 1 Jul. 1963 - 30 Jun. 1968	1968
19680080473	Effects of polar organic solvents on enzyme action Final report, 19 Apr. 1967 - 18 Apr. 1968	1968
19680080489	Atmosphere electron-ion and ion-ion recombination processes	1968
19680080490	Apollo/Saturn. Directorate of design engineering integrated logistics support policies and practices	1968
19680080498	Cryogenic insulation development Quarterly progress report, 3 Jan. - 3 Apr. 1968	1968
19680080499	Inventory and reporting procedures for automatic data-processing equipment	1968
19680080500	Apollo/Saturn 5 ground safety plan, volume 5 - Fluid test complex	1968
19680080503	Investigations of the nature of the boundary contrast	1968
19680080510	Variation in the concentration of noradrenalin in the brain of albino rats during the day	1968
19680080512	C-band phased array crossed-field amplifier development Quarterly report, Dec. 1967 - Feb. 1968	1968
19680080513	Preliminary design studies of attitude-control for the Stanford relativity satellite	1968
19680080514	Apollo/Saturn 5 ground safety plan. Volume 3 - Operations and checkout building	1968
19680080515	Additional Lexan properties tests Final report	1968
19680080516	Study of minimum pressure loss in high velocity duct systems Quarterly report	1968
19680080517	Surface physics, applied physics, plasma physics, rarefied gas dynamics, high-voltage, breakdown, space and atmospheric sciences, semiconductor physics, computer, plasma display, infrared converter, information science, networks, control systems, switching systems, cognitive memory and seismic detection Progress report, Sep. 1967 - Feb. 1968	1968
19680080518	Microwave electronically variable ion beam time delay device study Quarterly report, Sep. - Nov. 1967	1968
19680080519	MPQ-33 radar measurements of exterior ballistic parameters of the 2.75-inch MK40 rocket	1968
19680080520	Conduct research on optical instrumentation suitable for incorporation in an orbiting astronomical observatory Interim progress report, 1 Jun. 1967 - 31 May 1968	1968
19680080522	Compatibility studies	1968
19680080523	Compatibility studies. Appendix 1 - An experimental investigation of the scattering of electromagnetic radiation from periodically rough surfaces Final report	1968
19680080524	Compatibility studies. Appendix 3 - Scattering of a beam with finite beamwidth from an impedance surface Final report	1968
19680080525	Klystron phase control techniques Final report, 16 Apr. - 5 Dec. 1967	1968
19680080528	Scaling effects on shock-boundary layer interaction in transonic flow	1968
19680080531	Trapezoidal waveguides	1968
19680080532	Design criteria for future data block reader/writer systems Final report, Jul. 1966 - Jul. 1967	1968
19680080533	Static and dynamic properties of hydrostatic thrust gas bearings with curved surfaces	1968
19680080534	Electromagnetic scattering by conducting spheroids	1968
19680080536	Compatibility studies. Appendix 4 - Diffraction of a parabolic caustic by an impedance plane Final report	1968
19680080537	Electronically tunable diode oscillator Final report, Nov. 1966 - Nov. 1967	1968
19680080538	Compatibility studies. Appendix 7 - Experimental harmonic analysis of an array antenna Final report	1968
19680080539	SNAP 19 power system for Nimbus B	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080542	Saturn 5 SA-520 reference launch vehicle January 1968	1968
19680080543	Design study of solid state sequencer, volume 1 Final report	1968
19680080544	Design study of solid state sequencer, volume 2 Final report	1968
19680080545	Design study of solid state sequencer, volume 3 Final report	1968
19680080555	An investigation of S-1B abort criteria based on booster performance capabilities	1968
19680080557	Verification procedure command service module electrical power system program HX001A	1968
19680080558	Neutron die-away experiment for lunar and planetary surface analysis, phase 2 Quarterly progress report, 1 Jan. - 15 Apr. 1968	1968
19680080559	An X-ray diffuse scattering investigation of atomic arrangements in alloys of iron containing between 14 and 23 per cent aluminum	1968
19680080560	A study of the foreign gas broadening of the spectral lines in the fundamental vibration- rotation band of hydrogen fluoride by carbon dioxide	1968
19680080561	Study of metastable species present in oxygen- containing microwave discharges	1968
19680080569	High-modulus glasses based on ceramic oxides Final report, Mar. 1967 - Feb. 1968	1968
19680080570	An evaluation of the use of high-resolution wavenumber spectra for ambient-noise analysis	1968
19680080571	Circular polarization radome techniques	1968
19680080573	Radiographic pipe-weld inspection set	1968
19680080574	Experimental investigations of ground-jet suppression fences for VTOL aircraft prepared sites Final report, Dec. 1966 - Dec. 1967	1968
19680080575	Development of a subscale manufacturing process for the fabrication of hypereutectic transition-metal carbide composites Interim engineering report, 1 Jan. - 3 Mar. 1968	1968
19680080577	Reliability prediction by computer simulation	1968
19680080583	Mesoscale studies of instability patterns and winds in the Tropics Semiannual report, 1 Jun. - 31 Dec. 1967	1968
19680080585	Constitutive equations for a fluid containing non-rigid structures	1968
19680080587	A fiber optic pressure transducer for use in ionizing radiation environments. Volume 1 - Design and radiation testing	1968
19680080588	Comparative evaluation of paper honeycomb testing	1968
19680080589	Representation of propeller thrust and torque characteristics for simulations	1968
19680080590	Performance evaluation of counter-drum pointer altimeters /modified counter-pointer MC-2 and MC-3 types/ Final report	1968
19680080592	Comparison of force test results from several transonic wind tunnel tests on the hard structure munition missile Final report, 29 Jan. - 9 Feb. 1968	1968
19680080593	Extravehicular activities system effectiveness, volume 1 Final summary report, 17 Apr. 1967 - 17 Apr. 1968	1968
19680080594	Nucleophilic displacements on phosphonic acid esters Quarterly progress report, 1 Apr. - 30 Nov. 1967	1968
19680080596	Manufacturing techniques for application of a duplex W/Si-W coating on tantalum components Interim progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680080597	Development of the pyrolytic /chemical vapor deposition/ process for application to beryllium oxide radomes Final report, 1 Apr. 1966 - 31 Jan. 1968	1968
19680080598	Wind tunnel test of a full-scale model of an improved version of the 2.75-inch-diam folding fin aircraft rocket at Mach numbers 2.5 to 4.0 Final report, 11-12 Dec. 1967	1968
19680080599	Interference reduction techniques for frequency converters Quarterly report, 15 Sep. - 15 Dec. 1967	1968
19680080600	Close tolerance forgings from powder metallurgy preforms Interim engineering progress report, 15 Dec. 1967 - 15 Mar. 1968	1968
19680080601	Investigation of photo-angular effect	1968
19680080603	Compatibility studies. Appendix 2 - Scattering of a dipole field by finitely conducting circular cylinders Final report, Apr. 1964 - Oct. 1967	1968
19680080604	Statistical model for drag coefficients of orbiting satellites Final report, 3 Feb. - 3 Nov. 1967	1968
19680080615	Technical evaluation of Lincat receiver for radar set AN/FPN-16 Final report	1968
19680080616	Aeroelastic stability tests of thin cylindrical shells at supersonic speeds	1968
19680080618	Heat-transfer and pressure distributions on a blunt swept leading edge including the effects of upstream vorticity	1968
19680080619	A technique of providing an on-axis beam from a circular waveguide operating in the TE ₀₁ mode at millimeter wavelengths	1968
19680080620	A study of air-to-ground range estimation	1968
19680080621	Pressure transducer research Technical report, 10 Mar. 1966 - 22 Dec. 1967	1968
19680080623	Compatibility studies. Appendix 6 - Harmonic analysis of an array comprised of two coupled directive antennas Final report, Apr. 1964 - Oct. 1967	1968
19680080624	A study of information flow in multiple- computer and multiple-console data processing systems Annual report, Feb. - Dec. 1967	1968
19680080626	Evaluation of VTOL rapid site preparation by the air drop technique	1968
19680080627	Non-linear free surface effects on a submerged sphere Final report	1968
19680080629	VHF filter crystal research Quarterly report, 16 Jul. - 15 Oct. 1967	1968
19680080630	Fabrication of ultra thin solid electrolyte batteries Quarterly progress report, 1 Oct. 1967 - 1 Jan. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080631	Effects of high intensity thermal radiation on infrared materials	1968
19680080632	Globe valve, 1-inch - NASA drawing number 75M14693 PGLV-3. Flomatics, Inc., model no. DA610 Test report	1968
19680080633	General description - Helicopter attrition model /HATTA/	1968
19680080634	Satellite communications terminal AN/MSC-46 /Mark 1B/ Reliability report	1968
19680080635	S and X band Schottky barrier diode manufacturing methods Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680080636	Vibration trials on aluminum and steel landing craft - LCM/8/ Final report	1968
19680080637	Anelastic measurements of point defects	1968
19680080638	Liquid-fluorine shutoff valve development Final report, 20 Aug. 1965 - 5 Oct. 1967	1968
19680080640	Continuous cross-modulation of microwaves in a helium plasma	1968
19680080644	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680080649	Investigation of an attached inflatable decelerator system for drag augmentation of the Voyager entry capsule at supersonic speeds Final report	1968
19680080650	Improved rubidium vapor cells for frequency standards Semiannual report, 1 Jul. - 1 Dec. 1967	1968
19680080651	Particle charging gun for the electrostatic dustwall meteoroid shield Technical report, May 1966 - Jun. 1967	1968
19680080652	Investigation of reliability testing and prediction techniques for integrated circuits, extension B Final report, 1 Jan. - 1 Jul. 1967	1968
19680080653	Microminiature multiplane interconnection Quarterly report, 1 Jul. 1966 - 30 Sep. 1967	1968
19680080655	Optical pumps for lasers, phase 2 Triannual report no. 2, 1 Aug. - 30 Nov. 1967	1968
19680080657	Interference reduction techniques study Quarterly report, 1 Oct. 1967 - 1 Jan. 1968	1968
19680080658	High-power storage diode modulator Final report, Dec. 1966 - Dec. 1967	1968
19680080659	Study of helicopter turboshaft engines utilizing surface vehicle engine components	1968
19680080660	A study of medium-induced distortion of the phase and amplitude of satellite signals Final technical report, Jul. 1966 - Jan. 1968	1968
19680080661	Surface effects on transistors. Radiation susceptibility of a transistor with MOS- guarded junctions	1968
19680080662	General Electric T58-GE-10 engine - Sea level /climatic/ low and high temperature and altitude performance verification tests	1968
19680080663	Random-Access Discrete-Address /RADA/ communication system	1968
19680080664	Doppler optical navigator Interim engineering report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680080666	Test and evaluation of Summicron 90mm f/2, Nikkor 105mm f/2.5, Topcor 100mm f/2.8 and Auto-Topcor 87-205mm f/4.7 lenses Final technical report	1968
19680080667	A new two-layered reentry vehicle shell buckling criterion	1968
19680080668	Theoretical calculations for a precursor simulation Technical report, Feb. - 30 Jul. 1967	1968
19680080669	P-3 aircraft Doppler line filter investigation Final report, 13 Dec. 1967 - 9 Jan. 1968	1968
19680080672	Technical evaluation of fixed coaxial attenuators Final report	1968
19680080674	Athena B-046, flight 097 /21 March 1968/ Meteorological data report	1968
19680080675	A FORTRAN 4 program for the calculation of the equilibrium configuration of a flexible cable in a uniform stream	1968
19680080676	Unsteady sublimation associated with a laminar boundary layer Technical report, 17 Mar. - 3 Dec. 1967	1968
19680080679	Literature study of ethylene oxide sterilization/decontamination	1968
19680080680	Analysis of free air temperature sensing Final report, 1 Nov. 1966 - 1 Aug. 1967	1968
19680080685	Operating manual for CYCLONE, a two-dimensional hydrodynamic Lagrangian code	1968
19680080687	A-7A limited handling qualities evaluation	1968
19680080688	Phase and amplitude measurements on VA-126 serial no. 14	1968
19680080689	Technical evaluation of Honeywell Voltage And Synchro Interface Module /VASIM/	1968
19680080691	Niobium tin, part 1	1968
19680080692	Noninterference instrumentation for scramjet combustors Final report, May 1966 - Dec. 1967	1968
19680080693	The characterization of metal oxide films Final report, Sep. 1965 - Nov. 1967	1968
19680080694	Fading in ultrashort-wave propagation through the tropopause	1968
19680080696	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680080697	Thermal design of a variable conductance heat pipe	1968
19680080698	The application of Belotserkovskii's method to the nonadiabatic flow around a blunt body	1968
19680080699	Nonsegmented anodized aluminum tube for the argon-ion laser	1968
19680080700	The examination of pyrolytic SiC with the metioscope	1968
19680080701	Analysis of reproducibility and repeatability of bearing-lubricant deposition ratings Summary technical report, Mar. 1965 - Sep. 1967	1968
19680080702	Megacycle and kilomegacycle ultrasonic attenuation studies in metals Final technical report, 1 Mar. 1966 - 29 Feb. 1968	1968
19680080704	Fluidics for ground support equipment	1968
19680080705	Altitude performance of five Thiokol Chemical Corporation TE-345 Titan Vernier solid-propellant rocket motors having ages ranging from 62 to 66 months Final report, Feb. 8-20, 1968	1968
19680080706	Corrosion rates of uranium alloyed steel in marine hydrospace Final report, Oct. 1963 - Jun. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080708	Transient radiation effects in ferroelectric materials. Part 1 - Charge-release measurements	1968
19680080710	Minimum-power array processing of the TFO long-noise sample	1968
19680080711	Development of manufacturing methods for integrated circuits using MOS transistors Interim engineering progress report, 1 Jan. - 31 Mar. 1968	1968
19680080712	Double-base binder improvement Quarterly technical report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680080713	Integrated K-band transceiver Interim technical report, 1 Oct. - 31 Dec. 1967	1968
19680080715	Charge transients in aluminum-silicon nitride- silicon capacitors	1968
19680080716	CWEA-3 sonic engine analyzer with J52, J65 and J79 engine capability Final report	1968
19680080717	National warning system receivers Final report, 1 Jul. 1965 - 31 Jan. 1968	1968
19680080718	Study of evaporation rates and strike through of organic liquid droplets on lightweight fabrics Quarterly progress report, Sep. - Dec. 1967	1968
19680080720	An introduction to White Sands Missile Range - Birthplace of American missilery	1968
19680080721	Dislocation interactions in relation to mechanical properties of metals and alloys	1968
19680080725	Production engineering measure CR-/XM-53/U quartz crystal units Combined quarterly reports, May - Oct. 1967	1968
19680080726	Molecular f-numbers from high resolution spectroscopy Final report, 13 Jun. 1966 - 12 Jun. 1967	1968
19680080727	The development of high output miniaturized pressure transducers for shock tunnel testing Final report, Jan. 1967 - Jan. 1968	1968
19680080729	Improved CVD boron filament production Interim engineering progress report, 30 Dec. 1967 - 31 Mar. 1968	1968
19680080730	Improved fabrication methods of jet engine rotors Interim engineering report, 1 Jan. - 31 Mar. 1968	1968
19680080731	Feasibility test of the SUU-43/A buoy-flare dispenser /modified SUU-25/A flare launcher/ Final report, 7 Aug. - 26 Sep. 1967	1968
19680080732	Portable moving electron beam welding system Interim engineering progress report, 1 Jan. - 31 Mar. 1968	1968
19680080733	Research for hydrothermal growth of single crystals Technical management report, 15 Oct. 1967 - 15 Jan. 1968	1968
19680080734	Electron beam welding of thick sections Interim engineering progress report, 15 Dec. 1967 - 15 Mar. 1968	1968
19680080735	General surveillance of Mk 6 JATO 15KS-1000	1968
19680080737	Electrophoretic deposition of refractory metals coatings Final technical report, 28 Jun. 1965 - 31 Dec. 1967	1968
19680080740	Meteorological observations with passive microwave systems	1968
19680080741	Vulnerability of aircraft structures exposed to small arms fire projectile impact damage Final report, May 1966 - May 1967	1968
19680080742	Investigation of ion-beam techniques for microelectronics Final report, 1 May 1967 - 31 Jan. 1968	1968
19680080743	Solar heat reflecting paint for electronic shops AN/GRM-32, AN/GRM-38, and calibration complex AN/TSM-60 Final report	1968
19680080744	NMCS information processing system. Volume 2 - Operating instructions	1968
19680080746	Flight simulator investigation of head-up display for low altitude high-speed missions	1968
19680080747	Preliminary report on the use of spatial diversity in optical communication systems	1968
19680080749	Manufacturing methods for dispersion- strengthened copper Interim progress report, 15 Nov. 1967 - 15 Feb. 1968	1968
19680080751	Applied research in thin-film field-emission tubes Final report, 1 Oct. 1965 - 31 Dec. 1967	1968
19680080753	Scattering of plane wave by infinite semicylindrical bosses with random radii on a plane surface	1968
19680080754	The direct detection of flux line motion in current-carrying super conductors	1968
19680080755	Research on energy conversion in flowing systems Final report, 1 Jan. - 31 Dec. 1967	1968
19680080756	Mechanism of inhibitive chromate primers Final report, 10 May 1966 - 9 Oct. 1967	1968
19680080758	Instrumentation and Ionosphere Measurements Working Group	1968
19680080759	Microwave spectral observations of 12 November 1966 solar eclipse	1968
19680080760	Nineteen hundred sixty-six solar eclipse electron density variations, Rio Grande, Brazil, November 12, 1966, model D ionosonde data	1968
19680080761	Effects of the November 12, 1966 solar eclipse on high frequency phase path and amplitude measurements	1968
19680080762	Preliminary partial reflection experiment, 1966 eclipse preliminary data	1968
19680080763	Determination of the recombination coefficient and the coronal contribution to E-layer ionization from magnetic observations of the solar eclipse in Peru on 12 November 1966	1968
19680080764	Development of an engineering model of a heat- actuated environmental control system for navy aircraft Final report	1968
19680080767	The spectrochemical determination of some non-rare earth impurities in yttrium oxide Final report, Dec. 1966 - Oct. 1967	1968
19680080768	High power L band source Interim technical report, 31 Aug. 1967 - 29 Feb. 1968	1968
19680080771	VHF measurements of the ionospheric absorption of cosmic noise - Pilot experiment, March 1967	1968
19680080772	Compound semiconductor integrated circuits Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680080773	Measurement of wind shear Final report	1968
19680080774	Eight to 14 micron infrared fiber optics	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080776	Measurements of average heat transfer coefficients for a mesh simulating porous parachute cloth Final report, Aug. 1966 - Sep. 1967	1968
19680080777	Angle valve, 1/2-inch - NASA drawing number 10428534. Combination Pump and Valve Co. model 371, drawing no. C-6480 Test report	1968
19680080778	Directivity patterns of a spherical acoustic lens composed of a rubber encapsulating compound	1968
19680080779	Line source excitation of an air layer bounded by plasma	1968
19680080780	Little John missile no. 1590, round no. 660 AM /19 Mar. 1968/ Meteorological data report	1968
19680080783	An evaluation of VLF daytime propagation parameters using a multi-frequency sounder	1968
19680080784	Evaluation of pressure sensitive tape as a method of mounting vibration transducers	1968
19680080785	Modification of the NF-104A aerospace trainer for safety during energy management flight Final report	1968
19680080787	The development and evaluation of hydrocarbon binder for high energy solid propellants Quarterly report, 14 Dec. 1967 - 13 Mar. 1968	1968
19680080788	Resistance tests of a systematic series of partially air supported vehicles	1968
19680080789	Color tone reproduction. Part 1 - Theory manual Final report, Mar. 1966 - Jun. 1967	1968
19680080791	Sea-clutter measurement by radar-return sampling	1968
19680080793	Rapid repair of bomb-damaged runways. Volume 1 Final report, 31 May - 21 Dec. 1966	1968
19680080796	Self-modulating transducers Final report, 15 Jan. 1966 - 15 Feb. 1967	1968
19680080797	Fiducial intervals for differences	1968
19680080798	Airfield pavement evaluation, USNALF San Clemente Island, California Final report, Jun. 1967 - Jan. 1968	1968
19680080799	Study of techniques for geomagnetic field measuring, recording and automatic record digitizing Final report, 15 Aug. 1966 - 14 Jan. 1968	1968
19680080800	Effect of the administration of phenelzine, of 5-hydroxytryptophane and of their combination on the daily variation in serotonin concentration in the brain of albino rats	1968
19680080801	A study of coherent bremsstrahlung	1968
19680080802	Functionality determination of binder prepolymers Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680080803	Research in free radical photography /camera working material/ Final technical report, 1 Feb. - 30 Jun. 1967	1968
19680080804	A three-axes angular accelerometer technique applied to VTOL stabilization Final technical report, Feb. 1965 - Dec. 1967	1968
19680080810	Qualitative and quantitative personnel requirements information for model F-4E airplane, part 1 /U/	1968
19680080817	Statistical filter and geophysical discrimination studies. Volume 2 - PREDAC /prediction accuracy/ program documentation Final report	1968
19680080818	Statistical filter and geophysical discrimination studies, volume 1 Final report	1968
19680080822	Digital data communication set AN/ASW-27 /U/ Interim engineering report, 1 May 1967 - 1 Jan. 1968	1968
19680080824	Aerodynamic forces and moments on a high L/D configuration USTV at Mach 18 /U/ Final report, 12 Sep. - 22 Nov. 1967	1968
19680080825	Evaluation of acoustic liners for rocket chambers /U/ Quarterly progress report, 1 Nov. 1967 - 1 Feb. 1968	1968
19680080828	Fleet surveillance /U/ Annual report, 1967	1968
19680080841	Decision information distribution system - Operational requirements	1968
19680080844	Application of nonlubricated piston construction to trunk-piston type compressors to reduce oil carry-over	1968
19680080850	DIDS intelligibility study - Effects of atmospheric noise	1968
19680080851	Radio warning system development - Final report summary	1968
19680080852	Radio warning system - Alternative configurations and cost-benefits analysis	1968
19680080854	Flexible exit cone nozzle development program Phase 1 report, 1 Aug. 1967 - 15 Mar. 1968	1968
19680080855	Advanced array research Final report	1968
19680080856	Analytical and experimental development of design techniques for the installation of parasitic armor. Volume 2 - Appendixes	1968
19680080864	Development of fatigue data for several alloys for use in aerospace design Progress report, Sep. - Dec. 1967	1968
19680080868	Nickel Base Alloys, Alloy 718: Processes and Properties Handbook	1968
19680080870	Network studies - Signal characteristics advanced array research Interim technical report, 21 Sep. 1967 - 21 Feb. 1968	1968
19680080871	Scattering by circular tungsten wire arcs Interim technical report, 21 Sep. 1967 - 21 Feb. 1968	1968
19680080873	Molecular engineering of Pt-based electrocatalysts for hydrocarbon fuel cell electrodes Semiannual interim report, 1 May - 31 Oct. 1967	1968
19680080874	Aerobee AF AE 3.154 /29 March 1968/ Meteorological data report	1968
19680080875	Distant seismic waves from a high-altitude source, volume 1	1968
19680080876	UHF integrated circuit technology Quarterly report, 15 Oct. 1967 - 14 Jan. 1968	1968
19680080877	Study of airborne millimeter radar techniques Quarterly report, 21 Jul. - 21 Oct. 1967	1968
19680080878	Reduction and analysis of riometer data collected during the total solar eclipse of 12 November 1966 in southern Brazil Final report	1968
19680080879	Automatic speech recognition Semiannual report	1968
19680080880	Time-dependent calculation of boattail and choked nozzle flows	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080882	Respiratory factors determining the tissue concentrations of inhaled toxic substances Annual progress report, Nov. 1966 - Nov. 1967	1968
19680080883	Evaluation of Anderson Power Products, Inc. plug connector for use with standard /MS18093/ aircraft storage battery receptacle	1968
19680080884	Technical investigation of sweep calibration system Interim report	1968
19680080886	Radar simulation and analysis by digital computer	1968
19680080887	An improved reentry trajectory calculation for the RANC code	1968
19680080888	X-band CW generator development	1968
19680080890	Dynamic machine tool testing Interim engineering progress report, 1 Sep. 1967 - 31 Jan. 1968	1968
19680080894	Impregnation of active carbon Quarterly progress report, 7 Dec. 1967 - 7 Mar. 1968	1968
19680080895	Evaluation of characteristics affecting attainment of optimum properties of ablative plastics. Volume 2 - Appendixes	1968
19680080896	High pressure extrusion development Interim technical engineering report, Jan. 1 - Mar. 31, 1968	1968
19680080900	Research on hydrazine decomposition Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680080903	Atmospheric effects on laser propagation. 1 - Refractive effects	1968
19680080904	Space communications Quarterly technical summary, 1 Dec. 1967 - 29 Feb. 1968	1968
19680080906	High viscosity thermal protection materials Summary report, 1 Jul. 1966 - 30 Jun. 1967	1968
19680080908	A study of polymers containing silicon- nitrogen bonds Quarterly progress report, Sep. 4 - Dec. 3, 1967	1968
19680080910	Recent developments in the study of column behavior under biaxial loading	1968
19680080911	Modification of the model 254C Simoramic double-spectrum "/Cepstrum"/ analyzer for improved extraction of pitch data Final report, Jun. 1966 - Sep. 1967	1968
19680080912	Development of low temperature cure coating system for external surfaces of naval aircraft Final report, 8 Mar. 1967 - 8 Mar. 1968	1968
19680080914	Reaction mechanisms and kinetics in solid phase reactions from 1500-3000 deg C Final report	1968
19680080916	Arc-driven MHD generator Interim technical report, 1 Jan. - 31 Mar. 1968	1968
19680080918	Bases of pulse techniques and radar	1968
19680080919	Effect of fire extinguishing chemicals on parachute components Final report	1968
19680080925	Determination of annular ejector-diffuser performance improvement	1968
19680080926	Simulated altitude performance of Mark 11 reentry vehicle spin and pitch motors having ages from 54 to 62 months Final report	1968
19680080927	Quality assurance testing of a Hercules, Inc., BE-3 rocket motor under the combined effects of rotational spin and simulated altitude Final report	1968
19680080928	Aluminum and magnesium - Review of recent developments	1968
19680080930	Received polarization of ionospherically propagated waves as a function of time and frequency	1968
19680080931	High resolution lenses - 6 inch focal length system Final quarterly report no. 8	1968
19680080932	Thermodynamic properties of rocket combustion products Quarterly technical report, 15 Jan. - 15 Apr. 1968	1968
19680080933	Plastic deformation of structures. 3 - Large plastic deformation of clamped cylindrical panels	1968
19680080934	Electrodeposition of thick, adherent, and pit- free nickel deposits on high strength gun steel	1968
19680080935	Short interaction crossed-field amplifier Quarterly progress report, 1 Sep. - 30 Nov. 1967	1968
19680080936	Properties of HY-100 steel forgings	1968
19680080938	Suggested methods for improving Army aerial photographic techniques	1968
19680080940	Project Cough Drop 2, elimination of momentary thrust decay. Supplement 2 - Test bearings and gears investigation Final report	1968
19680080941	Empirical estimates of errors in double- theodolite wind measurements	1968
19680080942	Shutter tester Final report, Dec. 1966 - Aug. 1967	1968
19680080944	Research on ternary detector materials Semiannual technical report, 24 Jul. 1967 - 23 Jan. 1968	1968
19680080945	Attenuation of Shock Waves in Roughened Tunnels	1968
19680080946	Development of die materials for hot extrusion of steel and refractory metals Interim technical engineering report number 11, 1 Jan. - 31 Mar. 1968	1968
19680080947	An improved computer program for VLF mode constants in an earth-ionosphere waveguide of arbitrary electron density distribution Interim report	1968
19680080948	Development of convex face draw die Interim engineering progress report, 1 Jan. - 31 Mar. 1968	1968
19680080950	Computer program for conical flow	1968
19680080951	Schottky barrier X-band video detectors for high-sensitivity high-burnout applications Quarterly report, 27 Dec. 1967 - 26 Mar. 1968	1968
19680080952	Advanced electron optics Interim technical report, 1 Nov. 1967 - 29 Feb. 1968	1968
19680080953	Evoked visual responses, the electroretinogram and the area intensity relation Progress report	1968
19680080954	Accelerometer signal conditioner evaluation	1968
19680080955	Literature survey on the effects of long-term shelf aging on elastomeric materials Summary technical report, Nov. 1965 - Nov. 1966	1968
19680080956	Environmental effects on the Doppler shift measurement of a reentry vehicle velocity Technical report, Dec. 1966 - Dec. 1967	1968
19680080957	Qualification tests of two aircraft batteries, type MS18045-42, lead-acid, 31 ampere-hour /1-hour rate/, 24 volt, manufactured by Gould-National Batteries, Inc., to MIL-B-8565E and MS18045P	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680080958	Fixed-base flight simulator studies of VTOL aircraft handling qualities in hovering and low-speed flight Final report, Aug. 1966 - Aug. 1967	1968
19680080959	Teleprinter TT-567/AGC-6 Interim engineering report, 25 Nov. 1967 - 25 Feb. 1968	1968
19680080960	Facility definition study for a universal aircraft flight simulator trainer	1968
19680080961	Transistor, HF, silicon, power, linear /300 W PEP, 30 MHz/ Interim report, 15 May - 15 Nov. 1967	1968
19680080963	Hydrogen-fluorine engine evaluation /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680080964	Advanced engine aerospike experimental program /U/ Monthly status report for Feb. 1968	1968
19680080975	Mission analysis for solid propellant motors on unmanned spacecraft	1968
19680080997	Test of 260-inch diameter motor SL-3	1968
19680081023	Distributed propulsion - A new and versatile approach to the control of the interior ballistics in small arms	1968
19680081024	A new computer-oriented formulism for gun ballistics	1968
19680081027	Evaluating the sensitivity of propellants	1968
19680081029	Research and exploratory development for the Office of Aeronautical Research, National Aeronautics and Space Administration /U/ Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680081030	Study of radar attenuation characteristics of the NASA hybrid propulsion system /U/ Final report, 5 Apr. 1967 - 5 Jan. 1968	1968
19680081031	Plume characteristics of rocket engines at altitude /U/ Final report, 7 Feb. - 12 Oct. 1967	1968
19680081033	The development, fabrication, and evaluation of sonic fatigue resistant aerospace structures utilizing viscoelastic materials Interim technical report, 1 Jan. - 31 Mar. 1968	1968
19680081034	The prediction of material temperatures on woven retardation devices Final report, Aug. 1966 - Sep. 1967	1968
19680081035	Aerobee NRL NB 3.204 /6 April 1968/ Meteorological data report	1968
19680081036	Athena D-068, flight 098 /28 March 1968/, and Athena V-114C, flight 100 /29 March 1968/ Meteorological data report	1968
19680081037	Redraw techniques for production of thin-walled columbium alloy tubing Final engineering report, 15 Apr. 1966 - 30 Dec. 1967	1968
19680081039	A low-noise FET preamplifier for wide-band hydrophones	1968
19680081040	A manual abort technique for aborts from powered descent	1968
19680081041	Voyager spacecraft design, 260-inch-diameter	1968
19680081043	Study and research work on the development of a digital vacuum transducer Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680081044	A-2/CSM 020 /Apollo 6/ reentry mission plan	1968
19680081045	SUNDANCE test plan in support of the Apollo mission D flight software verification	1968
19680081046	Description of APROC adaptive statistical processor program	1968
19680081048	Helicopter attrition model /HATTA/. System description - User-analytical-action officer's manual	1968
19680081049	Lunar launch window configuration, January - June 1970	1968
19680081050	Annual variation of parameters used to evaluate lunar landing sites	1968
19680081052	Mechanisms for electrochemical catalysis Semiannual technical report, 1 Jun. - 30 Nov. 1967	1968
19680081053	Methods for measuring the coefficients of barium titanate ceramic that are significant in transducer design	1968
19680081054	Refinement of sonic fatigue structural design criteria Final report, Aug. 1966 - Dec. 1967	1968
19680081055	The fabrication of iridium and iridium-alloy coatings on graphite by plasma-arc deposition and gas-pressure bonding Final summary report, 10 Apr. 1966 - 30 Nov. 1967	1968
19680081056	Dynamic gas film suspension angular displacement sensor Final report, Mar. 1966 - Jun. 1967	1968
19680081057	High voltage low current testing systems for gapped exploding bridgewire ordnance devices	1968
19680081058	Investigation of spinodal decomposition in aluminum-zinc alloys Final technical report, 1 Nov. 1966 - 31 Jan. 1968	1968
19680081059	Planar dynamics of beam-type rotating flexible space stations	1968
19680081060	The effect of ordering on the average rate of convergence of the point successive overrelaxation iterative method	1968
19680081061	Exploratory development to improve standard cutting tool material by infusion with metallic carbides, ceramic or diamond Final interim progress report, 1 Sep. 1967 - 31 Jan. 1968	1968
19680081062	Conceptual flutter analyses Quarterly report, 28 Dec. 1967 - 27 Mar. 1968	1968
19680081064	Properties of solid solutions in metals Final scientific report	1968
19680081065	The Telemetric Automated Microbial Identification System /TAMIS/ and subsystems	1968
19680081067	The thermal decomposition of hydrogen peroxide vapor Final technical report	1968
19680081069	Raman shift laser study Quarterly progress report, Dec. 1967 - Mar. 1968	1968
19680081070	Ceramic materials for casting high strength steel	1968
19680081071	High reliability micro-circuit modules Final report, 1 May 1964 - 31 Dec. 1967	1968
19680081073	VLF waveguide mode parameters for a variety of electron density profiles	1968
19680081074	Failure mechanisms in sealed batteries, part 3 Semiannual technical report, 1 Jul. - 31 Dec. 1967	1968
19680081076	Aerobee NRL NF 3.171 /28 March 1968/ Meteorological data report	1968
19680081077	Electron injection laser Semiannual report, 1 Jul. - 31 Dec. 1967	1968
19680081078	Interaction of ionic environment and stress on a bone forming system	1968
19680081079	Evaluation of characteristics affecting attainment of optimum properties of ablative plastics, volume 1	1968
19680081080	Chemical strengthening of ceramic materials	1968
19680081082	The Shock and Vibration Bulletin no. 37, supplement	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081083	Hardened antenna technology	1968
19680081084	RTD sonic fatigue facility, design and performance characteristics	1968
19680081085	Facility sonic fatigue proof testing	1968
19680081086	Simulation of acoustic fatigue failure in the wideband noise test facility of the Air Force Flight Dynamics Laboratory	1968
19680081087	In-flight vibration and acoustic study of the UH-1F helicopter	1968
19680081088	RF-4C vibration and acoustic environment study	1968
19680081089	Response of the AIM-9D /Sidewinder/ missile to captive-flight vibration	1968
19680081090	Research in high temperature plasma Semiannual technical report, 1 Jul. - 31 Dec. 1967	1968
19680081091	Air Force Rocket Propulsion Laboratory scientific and engineering seminar abstracts, 1967 Final report	1968
19680081092	Work function and structural studies of alkali-covered semiconductors	1968
19680081093	Fluid state high-intensity sound generation	1968
19680081094	Project see-thru flame interference measurements, Titan 3C launch test 8275/2250 Final report	1968
19680081095	Foundational research projects Quarterly report, Oct. - Dec. 1967	1968
19680081096	Ferromagnetic research - Delay detonators	1968
19680081097	Semiconductor physics - Selection rules for multiple-phonon processes due to nearest- neighbor interaction in crystals with zinc blende or diamond structure described in Keating's formalism	1968
19680081098	Solid state spectroscopy - Infrared dispersion in yttrium vanadate	1968
19680081099	A survey and introduction to the use of finite difference methods in fluid dynamical problems	1968
19680081100	Development of a lightweight 50-foot mast /mast AB-864///G/ Final technical report, 24 Jun. 1965 - 30 Nov. 1967	1968
19680081102	Integrated graphic illustrations, operation and maintenance records. Titan 3 remote multiplexed instrumentation system. Airborne instrumentation equipment CEI 1533000-1 and ground instrumentation equipment CEI 1543000-1	1968
19680081103	Ionospheric morphology	1968
19680081104	Integrated p-i-n diode phase shifter networks Interim technical report, 15 Dec. 1967 - 15 Mar. 1968	1968
19680081105	Development of a flame-sprayed coating technique for the installation of instrumentation on naval machinery components Research and development report, Feb. 1968	1968
19680081108	Application of Mark 3 - SOC /Self- Organizing Control/ to multivariable control problems. Part 2. Optimal decoupling control applied to the lateral- directional axes of a sweep wing aircraft Final report, 12 Dec. 1966 - 31 Aug. 1967	1968
19680081109	VHF modulation and detection techniques Quarterly report, 30 Sep. - 30 Dec. 1967	1968
19680081110	A cooperative program of fundamental research as related to jet propulsion, October 1966 - March 1968	1968
19680081111	Manufacturing methods for aircraft tires made by filament-winding techniques Interim engineering report, 1 Jan. - 31 Mar. 1968	1968
19680081112	Melt spinning of super alloys Interim progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680081116	Direct lift control for the LAMS B-52	1968
19680081119	Ice research Annual report, 1967	1968
19680081121	Advanced stabilized ejection seat development program Final report, Apr. 1966 - Oct. 1967	1968
19680081122	Spectrum utilization characteristics of telemetry transmitting set, vector model FMT-570	1968
19680081123	Spectrum utilization characteristics of command receiver, Conic Corp., part number CCR-FM-B/4240/2/1234567	1968
19680081124	Spectrum utilization characteristics of FM telemetry transmitter, Electro-mechanical Research Inc., model 246B assembly number 3533	1968
19680081125	The Modularized Vehicle Simulation /MVS/ system	1968
19680081126	Advanced composite carbide nozzles Interim progress report, 1 Jul. 1967 - 31 Mar. 1968	1968
19680081127	Research and development on a non-scanning microwave spectrum analyzer Interim development report, quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680081128	On the problem of horizontal dipole excitation of the earth-ionosphere waveguide Interim report	1968
19680081129	Combustion characteristics of crystalline oxidizers Interim scientific report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680081130	How well can a lens system transmit information?	1968
19680081131	Improvement of data from a carrier system Final technical report, Oct. 1962 - Mar. 1967	1968
19680081133	Initial report on development of spectrophotometer /or telespectrophotometer/	1968
19680081134	Experimental studies of shock-shock interactions on a 9 deg cone	1968
19680081135	Optical properties of glass to glass bonding cement /MI-10-2A/	1968
19680081136	Production of high purity thermal control coatings	1968
19680081137	A feasibility investigation of the free flight range for scramjet research Final report, 3 Jul. 1967 - 28 Feb. 1968	1968
19680081140	Radiation of spatially incoherent noise - Point and line sources Interim technical report, 1 Oct. 1966 - 30 Sep. 1967	1968
19680081141	Rocket-borne observations of the auroral electron energy spectra and their pitch-angle distribution	1968
19680081142	Atmospheric ionization and effects on radar and communications	1968
19680081145	Rotor-bearing dynamics design technology. Part 7 - The three lobe bearing and floating ring bearing Final report, 1 Aug. 1966 - 1 Aug. 1967	1968
19680081148	Detection of alpha particles in auroral phenomena	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081149	Determination of gas and vapor nuclei for bubble nucleation	1968
19680081150	Defence Research Telecommunications Establishment Annual report	1968
19680081151	Acoustic emission and prefracture processes in high-strength steels Technical report, Jun. 1966 - Jul. 1967	1968
19680081152	Photoresist technology improvement. Part 2 - New photoresist systems Final report, 1 Jun. 1966 - 30 Nov. 1967	1968
19680081153	Analysis of a short-baseline radiating interferometer navigation satellite concept incorporating methods to eliminate systematic navigation error Interim technical report	1968
19680081154	A stochastic revised sampled data model for eye tracking movements	1968
19680081155	Study of manned space flight emergency concepts - Technical discussion	1968
19680081156	Effects of the 17 April 1965 magnetic storm on trapped protons	1968
19680081157	Meteor research program Bimonthly progress report, Feb. 1 - Mar. 31, 1968	1968
19680081158	Magnetic control of carrier density in semiconductors	1968
19680081159	Improved oxidation resistance of nickel and cobalt superalloys Quarterly progress report, Mar. 1 - May 31, 1968	1968
19680081160	Summary of beryllium research and development programs	1968
19680081161	Titanium panel extrusion development Interim engineering progress report number 7, 15 Nov. 1967 - 15 Feb. 1968	1968
19680081163	Monthly mean oceanographic and meteorological parameters from January 1966 to July 1967	1968
19680081165	Earth tides, precession-nutation and slowing of the earth's rotation	1968
19680081166	Anti-radiation drugs - The synthesis of mercapto amidines Annual progress report, Apr. 1, 1967 - Mar. 31, 1968	1968
19680081168	Development of improved cutting tool materials Interim engineering progress report, 15 Dec. 1967 - 15 Mar. 1968	1968
19680081169	Study of manned space flight emergency concepts Summary report	1968
19680081170	NASA G.S.F.C. modification project Final report	1968
19680081171	Nonmetallic parts for launch vehicles and spacecraft structures Final report, Jul. 1966 - Mar. 1968	1968
19680081172	Lunar millimeter-wavelength radiation and thermal model	1968
19680081173	Birefringent devices Final report, 8 May 1967 - 8 Jun. 1968	1968
19680081176	Translations on French nuclear, missile, space, and related military developments, no. 146	1968
19680081177	A study of attention and psychological time Semiannual report	1968
19680081179	Eigenvalues of the Spin Hamiltonian for Ni ²⁺ plus in TiO ₂	1968
19680081181	The ATS-E Millimeter Wave Propagation Experiment	1968
19680081182	Test manual - Evaluation of composite materials for gas turbine engines, part 3	1968
19680081183	Translations on French nuclear, missile, space, and related military developments no. 144	1968
19680081184	Current Awareness Bulletin no. 9	1968
19680081187	Drop breakup and evaporation in high pressure, high temperature flow	1968
19680081188	Emergency deorbit systems for Apollo type spacecraft	1968
19680081189	Tantalum-hafnium alloys metallurgical processing technology Interim report, 9 Sep. 1966 - 9 Apr. 1968	1968
19680081190	Study of manned space flight emergency concepts. Volume 2 - Appendices	1968
19680081191	Translations on French nuclear, missile, space, and related military developments, no. 145	1968
19680081193	Improved lunar cargo and personnel delivery system. Volume 6 - Supporting research and technology requirements Final report	1968
19680081194	Improved lunar cargo and personnel delivery system. Volume 2 - Study summary Final report	1968
19680081195	Improved lunar cargo and personnel delivery system. Volume 5 - Evolutionary development plan Final report	1968
19680081196	Improved lunar cargo and personnel delivery system. Volume 3A - Conceptual designs and subsystem analysis Final report	1968
19680081197	Improved lunar cargo and personnel delivery system. Volume 1 - Management summary Final report	1968
19680081198	Wing teardown inspection and review on C-124 wing cyclic fatigue aircraft	1968
19680081199	C-124 full scale fatigue test. Volume 4. Test results and analysis	1968
19680081200	Reliability improvement program on X-band high power TWT and transmitter console Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680081202	VTOL flying qualities bibliography	1968
19680081204	Reliability improvement program on X-band high power TWT and transmitter console Quarterly progress report, 1 Jul. - 30 Sep. 1967	1968
19680081205	Preliminary report on the Italian pendulum measurements for the European gravimetric base	1968
19680081207	Statistical analysis of the principal geomagnetic field	1968
19680081222	Experimental study of flow geometry and transition in the near wake of a sharp slender cone /U/ Final report, 1 Sep. 1966 - 1 Feb. 1967	1968
19680081223	Monopropellant hydrazine postboost propulsion technology program /U/ Final report, 17 Oct. 1966 - 16 Oct. 1967	1968
19680081226	Intrinsic IR detector research /U/ Final report, 15 Feb. 1966 - 31 Dec. 1967	1968
19680081228	Track-Before-Detect - Second experimental system /TBD-2/. Radar test results, equipment description, and an acceleration- tracks study /U/ Research and development report, 1 Oct. 1964 - 31 Oct. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081229	Critical review of the chemistry of advanced oxidizers and fuels - Supplementary review of oxidizers, 1965-1967 /U/ Annual technical summary report, 1 Feb. 1967 - 31 Jan. 1968	1968
19680081231	Development and testing of solid propellants for air augmentation /U/	1968
19680081234	Development of a 40mm dual-thrust rocket motor for a light assault weapon concept /U/	1968
19680081235	Study of applications of high brightness electroluminescent panels /Project FADE/ /U/	1968
19680081237	Research on advanced oxidizers having kinetically derived stability /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680081238	Research on advanced solid propellants /U/ Final summary report, 1963-1967	1968
19680081244	Heat-transfer characteristics of the upper fins of the AFFDL-McDonnell Unmanned Supersonic Test Vehicle /USTV/ at Mach 10 /U/	1968
19680081245	Propellants, rockets and missiles /U/ Technical status report, Jan. - Mar. 1968	1968
19680081246	Wind tunnel tests of a supersonic combustion ramjet missile at Mach numbers of 6.39 and 9.47 /U/	1968
19680081247	Long-wavelength IR mosaic terminal guidance technique, phase 3 /U/ Final technical report, 1 Dec. 1966 - 30 Nov. 1967	1968
19680081250	Evaluation of a high-energy binder /U/ Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680081251	Supersonic combustion ramjet development /U/ Final report	1968
19680081252	High density, high temperature binders for solid propellants /U/ Quarterly progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680081253	High performance shrouded rocket tests /U/ Final technical report, 1 Mar. - 15 Dec. 1967	1968
19680081255	Airborne ASW radar automatic processor requirements /U/	1968
19680081256	Investigation and feasibility demonstration of a variable area throat nozzle system - Postfiring examination development nozzle no. 4 /U/	1968
19680081257	Impact error of a reentry vehicle caused by roll through zero /U/	1968
19680081259	Cloth extendible nozzle firing demonstration program /U/ Technical report, 2 Nov. 1965 - 15 Sep. 1967	1968
19680081260	Continuous wave side looking airborne radar study /U/ Final report, Mar. 1964 - Nov. 1967	1968
19680081261	Space time correlations for electron density fluctuations in turbulent flows, with application to frequency effects in radar return from turbulent, ionized wakes /U/ Technical report, Jan. - Mar. 1968	1968
19680081262	Aerobee NASA 4.245 DS /29 April 1968/ Meteorological data report	1968
19680081263	Charged particle accelerometer /U/ Final report, 1 Mar. 1967 - 1 Mar. 1968	1968
19680081264	Surveillance evaluation of MK 38 Mod 0 Sparrow rocket motors /U/	1968
19680081266	High-energy solid propellant aging study /U/ progress report, Jun. 1965 - Oct. 1967	1968
19680081267	Development of high-temperature materials for rocket nozzles and associated structures /U/ Final report, 1 Apr. 1967 - 29 Feb. 1968	1968
19680081274	Subproject 2 - Infrared-optical imaging and signal processing techniques /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1967	1968
19680081275	Surveillance studies of LMH-1 /U/ Annual technical summary report, 1 Jan. - 31 Dec. 1967	1968
19680081276	ALTAIR program /U/ Quarterly technical summary report number 11, for period ending 31 Mar. 1968	1968
19680081277	Technical status report /U/	1968
19680081280	Research on operational slurry fuels /U/ Quarterly report	1968
19680081281	Night vision goggles /U/ Quarterly report	1968
19680081284	Mach number 6 pressure distributions on a 7.25-deg sharp cone with simulated ablation /U/	1968
19680081285	Multiple access satellite link analysis /U/	1968
19680081286	Demonstration of selectable impulse motors using composite solid propellant /U/	1968
19680081287	Investigation of a space vehicle defense shielding technique /U/	1968
19680081290	Fluorocarbon binder /U/ Summary report, 13 Feb. - 31 Dec. 1967	1968
19680081292	Lubricity properties of high-temperature jet fuels Quarterly report, 15 Nov. 1967 - 15 Feb. 1968	1968
19680081293	A determination of the surface temperature of a target heated by an intense laser beam	1968
19680081294	Alpha control Final report, Jul. 1967 - Jan. 1968	1968
19680081295	Development and evaluation of an inlet for scramjet-powered hypersonic cruise vehicles. Volume 2 - Flow field studies of external compression process Final report	1968
19680081296	Strain configuration in lightly compressed tungsten crystals Technical report, 1 Mar. - 31 Dec. 1967	1968
19680081297	Survey report on atmospheric scattering	1968
19680081298	Carbon and graphite surface properties relevant to fiber reinforced composites	1968
19680081299	Application of advanced fibrous reinforcement composite materials Technical report, 1 Oct. 1965 - 30 Jun. 1966	1968
19680081300	Experimental study of the sources of blade vibration excitation in a low pressure turbine Final report, 16 May 1966 - 30 Apr. 1968	1968
19680081301	A preliminary investigation of the reactivity of amorphous red phosphorus	1968
19680081302	Epitaxial growth of ferromagnetic garnet Quarterly report, 15 Jan. - 15 Apr. 1968	1968
19680081303	Improvement of visibility over airport runways during foggy weather. Part 1 - Study of fog and its effect on air traffic procedures of improving visibility	1968
19680081304	Control of thin film interface barriers Interim technical report, 1 Oct. 1967 - 1 Mar. 1968	1968
19680081305	System description - User-analytical-action officer's manual - Aircraft attrition models /AATTA/RECCE/	1968
19680081306	Adaptive tracking of maneuvering targets	1968
19680081308	Evaluation of the MA-1A arresting barrier quick-release mechanism	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081309	Processing of data from sonar systems, volume 4	1968
19680081310	Koenig's theorem and a possible generalization	1968
19680081311	Inspection and quality control plan - Production Engineering Measure /PEM/ for transistor, P-N-P, silicon, switching type EL-2N/X-12/ Final report, 25 Mar. 1965 - 29 Feb. 1968	1968
19680081312	Inspection and quality control plan - Production Engineering Measure /PEM/ for transistor, P-N-P, silicon, switching type EL-2N/X-12/ General report	1968
19680081314	Program description - Helicopter attrition model /HATTA/	1968
19680081315	Prototype nondestructive inspection equipment for detecting fatigue damage in driven gear of SH-3A helicopter transmission Final engineering report	1968
19680081316	Estancia layering effects on air-induced ground motions Technical report, 15 Dec. 1967 - 15 Jan. 1968	1968
19680081317	Crystal chemistry studies Quarterly report, 14 Nov. 1967 - 13 Feb. 1968	1968
19680081318	Correlation between particle size and certain characteristics of mercury fulminate	1968
19680081319	Semi-conductor laser digital devices Final report, 28 Feb. - 27 Nov. 1967	1968
19680081320	Coin ranging and guidance laser rangefinder Final report, May 1966 - Aug. 1967	1968
19680081321	A Gunn diode operated in the hybrid mode Interim report	1968
19680081322	UHF telemetry traveling-wave maser for operation above 4.2 deg K	1968
19680081323	Feasibility study of a compressed gas laser pump system Final summary report, Apr. 1967 - Mar. 1968	1968
19680081325	Glossary of sensitivity terms	1968
19680081326	Aerobee NASA 4.238 UA /23 April 1968/ Meteorological data report	1968
19680081328	Development of a speech amplifier system for protective masks Quarterly progress report, Oct. - Dec. 1967	1968
19680081330	Materials research on solid lubricant films Technical report, Dec. 1966 - Nov. 1967	1968
19680081331	The stability and control of the principal axes of inertia of almost spherical bodies	1968
19680081332	Defects in crystals Final technical report	1968
19680081333	The catalysis of thermal decomposition and burning reactions of fuel-oxidant compositions Final report, 3 Oct. 1966 - 30 Sep. 1967	1968
19680081334	Solid state diffusion bonded tantalum alloy honeycomb panels Final technical report, 1 Jun. 1965 - 30 Nov. 1967	1968
19680081335	Preliminary beamforming study of the TFO-37 array	1968
19680081336	High temperature polymers from 1,3-dipolar addition reactions Quarterly progress report, 1 Feb. - 30 Apr. 1968	1968
19680081337	Design fundamentals for NEMP protection of Nike-X power plants and facilities electrical systems	1968
19680081338	Aircraft antenna requirements study Final report, 5 Jul. 1966 - 4 Dec. 1967	1968
19680081339	NOTS-Michigan BIRA reports - BIRA 02	1968
19680081340	Subtractive light flat panel display Interim technical report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680081341	Determination of the stress-strain relation in a wire under transverse impact Summary report, 1 Mar. 1967 - 31 Jan. 1968	1968
19680081343	Flueric turbulence accelerometer study Final report, Apr. - Dec. 1967	1968
19680081344	Production implementation of high energy impact rubber forming Interim report, period ending 10 Mar. 1968	1968
19680081345	Wing boundary-layer suction investigation at low speeds in the PWT transonic tunnel /1T/	1968
19680081346	The applicability of a fracture mechanics nondestructive testing design criterion Summary technical report, 1 Jan. - 31 Dec. 1967	1968
19680081347	Millimeter radome design techniques Final technical report, 1 Feb. 1967 - 31 Mar. 1968	1968
19680081349	Analog to digital, digital to analog microelectronic conversion systems Final report	1968
19680081350	One kW Ku-band pulsed coaxial magnetron Quarterly report, 15 Mar. - 15 Jun. 1967	1968
19680081351	Development of thin organic rolled film capacitor Final report	1968
19680081352	Computer programs for calculation of flow past a finite cone with large surface mass addition	1968
19680081353	Electrical characteristics of a linear, non-equilibrium, magnetohydrodynamic generator	1968
19680081354	Calculation of radar cross-section Interim progress report, 1 Jan. - 31 Mar. 1968	1968
19680081355	Hardenability of low alloy steel weld metal	1968
19680081356	TF30-P-8 engine evaluation Interim report	1968
19680081357	Unidirectional and omnidirectional flux densities of trapped particles in Argus shells and the inner Van Allen belt, Explorer 4 satellite data, appendix 1 Final report	1968
19680081358	An improved spherical dose equivalent neutron detector	1968
19680081359	Thermal conductivity of fast neutron irradiated graphite	1968
19680081360	GASPAN - An advanced computer code for the analysis of high resolution gamma-ray spectra	1968
19680081361	The diffusion of carbon in single crystal graphite	1968
19680081362	The determination of the specific activity of carbon-14 labelled graphite. 2. Application to the specimens used in the DIDO flow apparatus SD 739/2 and 739/3 and to similar unirradiated specimens	1968
19680081363	Electron metallography of irradiated 20Cr-25Ni-Nb tensile specimens tested at a slow strain rate	1968
19680081365	Growth of rare earth oxide, garnet and aluminate single crystals by a hollow cathode float-zone process Technical management report, 15 Oct. 1967 - 15 Mar. 1968	1968
19680081366	Heat transfer study of C1F5 Final report	1968
19680081367	Field ion microscope examination of heavy ion radiation damage in iridium. 1. Experimental techniques	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081368	The gamma spectrum and half-life of lanthanum-142	1968
19680081369	Neutron diffraction study of U4O9 at low temperatures	1968
19680081370	Structural observations on high modulus graphite fibers - X-ray detection of dual phases	1968
19680081371	Unidirectional and omnidirectional flux densities of trapped particles, Injun 1 and Explorer 4 satellites Final report, 1 Dec. 1966 - 28 Feb. 1968	1968
19680081372	Prediction error and adaptive maximum likelihood processing	1968
19680081373	Analytical-experimental thermal stability and control procedures for avionic systems	1968
19680081374	CW mathematical operations research. Part 2 - On diffusion of /a/ evaporating droplets and /b/ polydispersed clouds in a diabatic atmosphere Final report	1968
19680081375	Prototype production process for fabrication of wire and tubing by hydrostatic extrusion- drawing Interim engineering report	1968
19680081376	A study of the burning rates of composite solid propellants in acceleration fields	1968
19680081377	Wide band ferrimagnetic limiter study Final report, Nov. 1966 - Dec. 1967	1968
19680081378	TRISAFE/SIDAC control augmentation system Final report	1968
19680081379	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, Nov. 1, 1967 - Jan. 31, 1968	1968
19680081380	Microscopic and microchemical study of aged solid propellant grains Quarterly report, 1 Feb. - 30 Apr. 1968	1968
19680081381	Research on preparation of single crystals of magnesium lead - Magnesium germanium Quarterly report, 30 Sep. - 30 Dec. 1967	1968
19680081382	Microwave memory acoustic crystals Second technical management report, 1 Sep. 1967 - 29 Feb. 1968	1968
19680081384	Liquid permeation through plastics films Annual report, Sep. 1966 - Sep. 1967	1968
19680081385	Integrated microwave receiver techniques study Final report, 15 May 1966 - 31 Jan. 1968	1968
19680081386	Technical evaluation of log-FTC receiver for radar set AN/FPN-36	1968
19680081387	Theory of the interaction of high-frequency sound waves and electrons	1968
19680081388	Analysis of optical and electro-optical imaging systems using modulation transfer functions	1968
19680081389	A proportional counter for personnel neutron dosimetry	1968
19680081390	Monte Carlo studies of free molecular gas flow through various vacuum structures	1968
19680081391	Investigation of maintenance-free high rate, nickel-cadmium batteries for aircraft application	1968
19680081392	PBI fiber processes Final technical report, 30 Jun. 1966 - 15 Jan. 1968	1968
19680081393	A semi-empirical mathematical model for predicting the emf of small silver chloride- magnesium cells	1968
19680081397	Theoretical design study of an apparatus for the production of a high intensity polarized lithium beam	1968
19680081398	Model of a simulated campaign against a target system and its FORTRAN program	1968
19680081399	Low drain microwave modular devices Final report, 1 Jan. - 31 Dec. 1967	1968
19680081401	Modeling the blast response of structures using dissimilar materials Final report	1968
19680081402	Engineering progress report, 1 January - 31 March 1968	1968
19680081403	Hydrogen Maser Research Technical Report, 1 Jul. - 3 Nov. 1967	1968
19680081404	Integrated pneumatic handling systems for large segmented rocket motors Final report	1968
19680081405	Observation of velocity-space instability	1968
19680081406	The automatic control, information processing and analysis of condensation pumping experiments	1968
19680081407	Jet engine sonic analyzer Final report, 26 Dec. 1965 - 26 Dec. 1967	1968
19680081408	Honest John missile no. 1795, round no. 567 RML /23 April 1968/ Meteorological data report	1968
19680081409	Investigations of the binary system Li2O- GeO2	1968
19680081411	A high temperature attachment for use with the Philips X-ray diffractometer	1968
19680081414	The standard ASD photographic method for determining airplane behavior and piloting technique during field or carrier landings Final report	1968
19680081415	The reaction of oxygen with potassium bromide single crystals	1968
19680081416	The radiolytic oxidation of single crystals of graphite by oxygen, carbon dioxide, and methane/carbon dioxide mixtures	1968
19680081417	The radiolytic oxidation of single crystal graphite - Nature of active species and G values	1968
19680081418	Space materials handbook, supplement 2 to the second edition space materials experience Final report, Feb. 1966 - Mar. 1967	1968
19680081420	Development of manufacturing procedures for a new high-strength beta titanium alloy having superior formability Interim engineering	1968
19680081422	Laser inflight obstacle detection device Interim report, 1 Jul. 1966 - 31 Jul. 1967	1968
19680081423	Variable laser-acoustic delay line Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680081424	Frequency spectral determination of the isolation between radar tracking data and ship's motion for Apollo class ships	1968
19680081425	The problem of obtaining a uniform volume concentration of implanted ions	1968
19680081426	Oxidation of mild and low alloy steels in carbon dioxide based atmospheres	1968
19680081427	Investigation of internal ballistic effects in spinning solid propellant motors Quarterly technical progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680081428	Broadband UHF transistor structure Interim technical report, 1 Oct. - 31 Dec. 1967	1968
19680081429	In-space propellant orientation and venting experiments, phase 2, volume 1 Final report, 10 Oct. 1966 - 22 Jan. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081430	Modified Kels4 plotter Final report, 21 Jun. 1966 - 30 Jun. 1967	1968
19680081431	Monolithic infrared mosaic sensors Interim technical report, 1 Jan. - 31 Mar. 1968	1968
19680081432	Charged-particle containment in RF- supplemented magnetic mirror machines	1968
19680081433	Data processing for digitally recorded mass spectra	1968
19680081434	The reaction between strontium titanate and zirconium, and studies within the system strontium oxide, titanium oxide, zirconium oxide	1968
19680081435	Large-scale integrated circuit arrays Interim technical report, 1 Jan. - 31 Mar. 1968	1968
19680081436	Quantum mechanics of HO ₂ . 5 - Conversion to Univac 1108	1968
19680081437	Titanium structural sections produced by roll bonding on bar mills Interim engineering progress report, 1 Feb. - 30 Apr. 1968	1968
19680081438	Improved control and measurement of clean room contamination Final report	1968
19680081439	One hundred twenty channel digital reporting system Final report	1968
19680081441	D-region electron density experiments in South America during 1966 eclipse - Phase 2 Final report	1968
19680081442	A three-degree-of-freedom dynamic stability balance for use in the VKF continuous flow hypersonic tunnels /M infinity equals 6 through 12/ Final report, Oct. 1967 - Feb. 1968	1968
19680081443	In-space propellant orientation and venting experiments. Volume 2. Phase 2 Final report, 10 Oct. 1966 - 22 Jan. 1968	1968
19680081444	Technical evaluation of code module modification of AN/UPX-11 Final report	1968
19680081446	Excited states of lithium hydride	1968
19680081447	Microwave acoustical loss mechanisms in crystals Technical management report, 1 Oct. 1967 - 31 Mar. 1968	1968
19680081448	Long-life cold cathode studies for crossed-field tubes Quarterly report, 15 Oct. 1967 - 15 Jan. 1968	1968
19680081449	Ultrafast pulsed laser system Interim report, 1 Nov. 1967 - 1 May 1968	1968
19680081450	A study on the safety distances in the planning, construction and operation of explosives, plants and powder mills for smokeless powders	1968
19680081452	Two-dimensional magnetohydrodynamic turbulence	1968
19680081453	Advanced titanium alloy screening, disk production, and evaluation Interim engineering progress report, 22 Jan. - 30 Apr. 1968	1968
19680081455	Evaluation of the uprated J65-W-20 engine in the A-4C airplane Interim report	1968
19680081456	Rapid quantitative analysis of minute atmospheric ammonia and carbon dioxide by means of absorption tubes	1968
19680081457	An experimental investigation of pulse propagation in neoprene filaments	1968
19680081459	A simplified angle of attack program for transient blunt body flow fields Final report	1968
19680081460	The joining of dissimilar metals	1968
19680081461	Cleaning of aircraft skin Technical report, 18 Oct. 1966 - 15 Dec. 1967	1968
19680081462	Analytical design methods for aircraft structural joints Final report, 31 Jan. 1967 - 31 Jan. 1968	1968
19680081463	Investigation of improved light sources for underwater photography Final technical report	1968
19680081464	Conduct an operational evaluation of the All-weather Carrier Landing System /ACLS/ First partial report	1968
19680081466	Design techniques for large, high temperature sectionalized radomes Final technical report, 15 May 1966 - 15 Dec. 1967	1968
19680081467	Research in optimization theory and aerospace applications Final report, 1 Apr. 1965 - 30 Apr. 1968	1968
19680081468	Fatigue test of a full-scale honeycomb structure under positive loading and positive and negative loading Final report	1968
19680081469	Heterocrystal integrated circuit techniques Quarterly report, 1 Sep. - 30 Nov. 1967	1968
19680081470	Transistor, VHF, silicon, power, linear, 100-watt PEP, 76-MHZ with 10-db power gain Final report, Sep. 1966 - Feb. 1968	1968
19680081471	Solion seismometer environmental tests	1968
19680081472	Silver zinc electrodes and separator research Quarterly technical progress report, 1 Jan. - 1 Apr. 1968	1968
19680081473	Cusp containment and thermonuclear reactors	1968
19680081474	Automation and remote control on ships. A selective bibliography	1968
19680081475	Omega, differential Omega and O.P.L.E. Future sea-transport-, air-transport- and meteorological prediction-requirements	1968
19680081476	Effect of phase change in solid-solid reactions Final report, Oct. 1964 - Oct. 1967	1968
19680081477	Transistor, UHF, silicon, power type EL-2N /X-9/ 5 watt, 500 MHz PEM Quarterly report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680081478	Postirradiation examination of the PM-1 type 1 serial 3 core and correlation with the AM-3A type 1 serial 2 core. Part 1 - Postirradiation examination of fuel tubes	1968
19680081479	Page printer utilizing advanced printing techniques, addendum Final report, Jul. - Nov. 1965	1968
19680081480	A-7A smoke abatement burner can evaluation Interim report	1968
19680081481	Process development for titanium wheel forgings for F-111 aircraft Interim engineering progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680081482	Digital computer simulation of the X-22A, six degrees of freedom equations of motion and global aerodynamics	1968
19680081483	Digital data processing techniques for radar mapping	1968
19680081484	A study of visual acuity underwater using an automatic Landolt ring presentation technique	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081485	Combustion specie sampling Progress report, 1 Aug. 1967 - 15 Feb. 1968	1968
19680081486	Trajectory optimization by method of steepest descent. Volume 2 - User's manual Final report	1968
19680081487	Studies in communication systems theory Semiannual report, 1 Jul. - 31 Dec. 1967	1968
19680081488	Thrust control exploratory development program Quarterly progress report, Jan. - Mar. 1968	1968
19680081489	High-strength, broadband, lightweight silicon oxide radome techniques Summary report, 1 Mar. 1967 - 29 Feb. 1968	1968
19680081490	Fabrication investigations and biaxial compressive fatigue and creep evaluations of the ERLA-4617 preimpregnated fiberglass composite system	1968
19680081491	Production engineering measure on gallium arsenide laser code Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680081492	Burning characteristics of aluminum dust clouds	1968
19680081494	Rotor blade antenna Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680081495	Approaches to determine and evaluate the stability of propulsion systems	1968
19680081499	Methods of optimizing satellite communications networks Final report	1968
19680081500	Manufacturing methods for UHF amplifier tube Interim engineering progress report no. 4, 1 Jan. - 31 Mar. 1968	1968
19680081501	Advanced metal alloy research for prepackaged liquid powerplants Final report, 15 Apr. 1967 - 15 Mar. 1968	1968
19680081502	Comparative determinations of body fluid with N-acetyl-4-amino antipyrine and alcohol	1968
19680081503	Annual periodicity in glycogen concentration and glucose uptake of rat hemidiaphragmas	1968
19680081504	Generalized figures of merit for infrared imaging systems	1968
19680081505	Technique for measuring gas evolved during combustion of pyrotechnic heat powders	1968
19680081506	An experimental investigation of the aerodynamic characteristics of slender hypersonic vehicles at high angles of attack	1968
19680081508	Program 624A quarterly reliability and quality assurance report. Volume 1 - Reliability	1968
19680081509	LTV microbarograph evaluation	1968
19680081510	Cylindrical antennas with rigorous allowance for the ground influence in the VLF-region Final technical report, Sep. 1966 - Feb. 1968	1968
19680081511	One-dimensional, minimum-time, thrust-limited rocket transfer in a resisting medium	1968
19680081513	Development of a fluoric attitude gyroscope Final report, 1 Apr. 1967 - 15 Jan. 1968	1968
19680081514	O-2A limited category 2 systems evaluation	1968
19680081516	The radiological hazard from tritium sorbed on metal surfaces. Part 1. The sorption of tritium on brass	1968
19680081517	The temperature dependence of deuterium ion trapping in niobium, titanium, zirconium and erbium	1968
19680081518	Proton scattering as a tool for the study of crystal structures	1968
19680081519	Enthalpy stabilized superconducting magnets	1968
19680081520	Ammonia electrochemical systems Semiannual report, 1 Jul. 1967 - 1 Jan. 1968	1968
19680081521	Use of artificial satellites to determine deflection of a quasigeocentric coordinate system	1968
19680081523	Network studies - Noise analysis advanced array research	1968
19680081524	The gamma spectra of silver-112 and caesium- 138	1968
19680081525	Liquid phase mass transfer in annular two-phase flow - Radial liquid mixing	1968
19680081527	Continuous slip casting process for the production of metal strip and sheet Technical report, 1 May 1966 - 31 Oct. 1967	1968
19680081529	Instantaneous frequency indication techniques Final report, 1 Nov. 1965 - 31 Aug. 1967	1968
19680081531	Electronically tunable ZnY filters Final report	1968
19680081532	Low cost digital data communications link	1968
19680081533	Analyzation of the JOVIAL compilers for the GE 635 and Univac M1218 computers Final report, 6 Sep. 1966 - 25 Sep. 1967	1968
19680081534	Transient behavior of microwave networks Final report, 1 Jan. - 31 Dec. 1967	1968
19680081535	Characterization of avalanche transit-time diodes Interim report	1968
19680081536	Microwave solid-state device studies Quarterly progress report, 1 Sep. - 1 Dec. 1967	1968
19680081537	Electromagnetic pulse - Free-field and system effects	1968
19680081539	Observation of magnetic structures of superconductors of the second type	1968
19680081540	Geomicrobiological investigations. 8 - The behavior of bacteria on the surface of rocks and minerals and their role in weathering	1968
19680081546	Plug and socket contacts to French Specification PRL.54.125.A. tests on crimped joints using French and British aircraft cables	1968
19680081551	Combustion instability studies of extinguishable propellants /U/ Final report, Jun. 1, 1966 - Oct. 31, 1967	1968
19680081555	A study of the effects of dewetting on the properties of solid propellants /U/ Final report	1968
19680081557	Phased-array antenna development - Further studies /U/	1968
19680081559	Exploratory development of a remote separation sensor for airborne weapons /U/ Final report	1968
19680081560	Diagnostic test patterns and sequences for Illiac 4 PE	1968
19680081563	Comparative examination of vibration survey equipment in use by the Technisch Physische Dienst TNO-TH	1968
19680081564	Diagnosis of barrel switch	1968
19680081565	Application of advanced fibrous reinforcement composite materials Final technical report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081566	Technical evaluation of receiver-transmitter test set AN/SPM-21 for radar receiver- transmitters RT-660/TPN-8, RT-660A/TPN-8, and RT-877/SPN-35A Final report	1968
19680081567	Tactical radio communication system Interim report	1968
19680081568	Acoustic-gravity wave study Final report	1968
19680081569	Electron probe microanalysis of thin oxide films	1968
19680081571	Low volumetric flow turbine performance prediction and analysis Final report	1968
19680081572	Rotary Hydraulic Arrestor Gear Mk. 1 tests to investigate the effect of installing a gear with a split distance of 250 feet	1968
19680081573	Hydrogen fluoride chemical laser. A demonstration of pure chemical pumping	1968
19680081574	Development of batch control techniques for synthetic lubricants using thermoanalysis Final technical report, 3 Oct. 1966 - 1 Sep. 1967	1968
19680081576	A class of two-dimensional flows with heat addition	1968
19680081577	Microwave generation from avalanche transit time diodes Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680081578	Supersonic mixing and combustion Annual technical report, 15 Nov. 1966 - 15 Nov. 1967	1968
19680081579	Optical viewers for continuous-tone images recorded on thermoplastic film	1968
19680081580	Nutrition in the Sahara Desert area - A medico-physiological study	1968
19680081581	Tactical navigation satellite system study Quarterly report, 15 Dec. 1966 - 14 Mar. 1967	1968
19680081582	Calculation of gas transport properties using a generalized Lennard-Jones /6,n/ potential	1968
19680081583	Statistical theory of nonhomogeneous turbulence, part 2	1968
19680081584	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report, 1 Jan. - 31 Mar. 1968	1968
19680081585	The effect of work, 24-hour rhythm and the visual impulse on the catecholamine excretion with urine	1968
19680081586	Calculation of the statistical entropy of a plasma out of equilibrium	1968
19680081587	The tensile deformation at high temperatures of unidirectionally grown and polycrystalline aluminum-copper aluminum eutectic	1968
19680081588	Alpha-track auto-radiography of submicron aerosol particles using the electron microscope	1968
19680081589	A mobile laboratory for research in atmospheric optics	1968
19680081590	Reaction wheel scanner program Final report, Jul. 1964 - Aug. 1967	1968
19680081592	Aerobee NASA 4.244 DS /27 April 1968/ Meteorological data report	1968
19680081593	Investigation of the thermodynamic properties of propellant ingredients Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680081594	The table lookup problem revisited	1968
19680081595	A new space-filling polyhedron and its relation to aggregates of soap bubbles, plant cells, and metal crystallites	1968
19680081596	Development of a high temperature hydraulic fluid	1968
19680081597	Comparative mechanical test of six core materials in sandwich construction	1968
19680081598	Development of a C-band phased array crossed-field amplifier Final report	1968
19680081599	Investigation of hot phosphatizers. Part 5 - The results of corrosion testing	1968
19680081600	S-matrix theory without momentum	1968
19680081602	On the effect of repeated thermal and rotatory stimuli on the normal vestibular end organ	1968
19680081603	On organic catalysts twenty-sixth communication - Formaldehyde condensation. As organic autocatalysis third communication - On the reaction of formaldehyde with acetol	1968
19680081606	Nondestructive testing on the new modified AMX support shaft, number 277 and 251	1968
19680081607	Nuclear physics division Progress report, 1 May - 31 Oct. 1967	1968
19680081608	Weightless gravitation - The electromagnetic Magnus effect	1968
19680081609	Recent concepts on the metabolism of salt and water	1968
19680081612	Launch Vehicle System Requirements and Restraints for the Nimbus B2 Project	1968
19680081614	A theory of significance testing	1968
19680081616	LM and CSM S-band antenna tracking Progress report, year ending 28 Jun. 1968	1968
19680081618	Astrobee 1500, Flight 16.04 U1. Rocket Performance Instrumentation and Calibration Data	1968
19680081619	The distribution of certain functions of parameters - Prior and posterior	1968
19680081620	Low noise antenna techniques Final report, Dec. 1966 - Dec. 1967	1968
19680081622	RAE-A attitude determination/control launch operations plan	1968
19680081623	Effect of contamination on spacecraft surfaces exposed to rocket exhausts	1968
19680081624	Fatigue crack propagation and strain cycling properties Interim technical report	1968
19680081625	Thermal-neutron flux generation by high-energy protons	1968
19680081626	Transverse instabilities of magnetically self-focusing streams in plasmas Semiannual progress report, period ending 30 Jun. 1968	1968
19680081628	Apollo communication systems performance and coverage analysis for mission Apollo 7	1968
19680081629	Self diffusion in K sub 2 O-SrO-SiO sub 2	1968
19680081630	Orbiting solar observatory-B2 software system. AOPB systems manual - Program description	1968
19680081631	TOS mission operations plan for WTR launches	1968
19680081632	Engineering description of TAPP 6A	1968
19680081633	Definition of experiment program in space operations techniques and subsystems Executive summary report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081634	Population projection computer program	1968
19680081635	Applications technology satellite Quarterly progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680081636	Apollo block 2 electrical power generation heat rejection system performance predictions for degraded radiator surface properties Final report	1968
19680081637	Develop and Test of a Sterile Insertion Repair Technique	1968
19680081638	Flight report for Delta vehicle S/N 20214 Delta program mission no. 56 spacecraft - Geos-B	1968
19680081639	Launch window summary, geographic loci of Apollo translunar injection burns, and free return touchdown positions for January - June 1970	1968
19680081640	Bibliography on the use of satellites for oceanographic observations	1968
19680081641	Cannon Company lanyard plugs, NASA part number 75M21468	1968
19680081643	Descent propulsion system supercritical helium system program user's guide	1968
19680081646	REST /U/ Semiannual progress report, 1 Jul. - 31 Dec. 1967	1968
19680081652	Heat transfer to thin wires trailing a 5-deg cone at Mach numbers 14 and 20 /U/ Final report, 7 Aug. - 20 Dec. 1967	1968
19680081657	On the use of metal oxide /CrO/ radiation as a hypersonic wake thermometer /U/	1968
19680081662	Application of optical aimpoint guidance /Optag/ to army surface-to-surface missiles, phase 1 /U/ Final report	1968
19680081665	Saturn AS-501 postflight trajectory	1968
19680081666	Solid state digital scanning of mosaic sensors /phase 3/	1968
19680081669	The potential of zero charge	1968
19680081670	Utilization of habrobracon and artemia as experimental materials in bioastronautic studies Status report, Jan. - Jun. 1968	1968
19680081671	Flight report for Delta vehicle S/N 20216. Delta program mission no. 55. Spacecraft - Pioneer-C	1968
19680081672	Undersea and space correlation study performed under NASA contract. Volume 1 Summary report	1968
19680081673	Electron multiplier development Quarterly report, 15 Feb. - 15 May 1968	1968
19680081674	Engineering photography reference handbook, Saturn 5	1968
19680081675	Undersea and space correlation study performed under NASA contract. Volume 2. Technical	1968
19680081677	Theoretical and experimental investigation of solid-state mechanisms for generating coherent radiation in the ultraviolet and X-ray regions Semiannual report, Nov. 1, 1967 - Apr. 30, 1968	1968
19680081678	Development and presentation of an instructional program in nomographics for incentive contracts Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19680081679	Vertical wind profile resolution	1968
19680081680	Lifting wind sensor Status report	1968
19680081696	An optimum stellar monitored strapdown navigation system	1968
19680081700	Development of photochromic materials applicable in computer technology Technical report, 1 Apr. - 30 Nov. 1967	1968
19680081701	Signal enhancement with an array of vertical and horizontal seismometers	1968
19680081702	Calibration of a precision potentiometer	1968
19680081703	Statistical methods and subjective probability Annual status report	1968
19680081706	The mechanism of electrodic reactions on porous surfaces	1968
19680081708	Optical energy transfer processes Semiannual report	1968
19680081711	Model and probe injection and maneuvering systems for an electrogasdynamics facility	1968
19680081712	Selected plasma phenomena in the high altitude nuclear explosion	1968
19680081713	The effects of change in stimulation on priority processing in the human visual system	1968
19680081718	Raman scattering studies of inorganic solids using an argon laser source Final report, Jan. - Dec. 1967	1968
19680081719	Experimental evaluation of a 50 kVA laboratory model superconducting generator Final report, 24 Oct. 1966 - 31 Oct. 1967	1968
19680081720	Orbital Astronomy Support Facility /OASF/ study. Volume 1 - Technical summary Final report, 12 Dec. 1966 - 28 Jun. 1968	1968
19680081721	Orbital Astronomy Support Facility /OASF/ study. Volume 2 - Task A - Orbital astronomy research requirements. Part 1 - Baseline astronomy research program Final report, 12 Dec. 1966 - 28 Jun. 1968	1968
19680081722	Orbital Astronomy Support Facility /OASF/ study. Volume 2 - Task A - Orbital astronomy research requirements. Part 2 - A methodology for systematic identification of candidate space astronomy observations Final report, 12 Dec. 1966 - 28 Jun. 1968	1968
19680081723	Orbital Astronomy Support Facility /OASF/ study. Volume 3 - Task B - Instruments for orbital astronomy, book 1 Final report, 12 Dec. 1966 - 28 Jun. 1968	1968
19680081724	Orbital Astronomy Support Facility /OASF/ study. Volume 3 - Task B - Instruments for orbital astronomy, book 2 Final report, 12 Dec. 1966 - 28 Jun. 1968	1968
19680081725	Orbital Astronomy Support Facility /OASF/ study. Volume 4 - Task C - Orbital astronomy support facility concepts, book 1 Final report, 12 Dec. 1966 - 28 Jun. 1968	1968
19680081726	Orbital Astronomy Support Facility /OASF/ study. Volume 4 - Task C - Orbital astronomy support facility concepts, book 2 Final report, 12 Dec. 1966 - 28 Jun. 1968	1968
19680081727	Orbital Astronomy Support Facility /OASF/ study. Volume 4 - Task C - Orbital astronomy support facility concepts, book 3 Final report, 12 Dec. 1966 - 28 Jun. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081728	Orbital Astronomy Support Facility /OASF/ study. Volume 5 - Research and technology implications for orbital astronomy Final report, 12 Dec. 1966 - 28 Jun. 1968	1968
19680081729	Diode control research Quarterly technical progress report, 1 Dec. 1967 - 1 Mar. 1968	1968
19680081730	A simple method for the measurement of infra-red reflectance of paints	1968
19680081731	Mass spectrometric studies of bonding in the group 2A fluorides	1968
19680081733	Second Midwest Theoretical Chemistry Conference, program and summaries	1968
19680081734	The DAFT system - Reference manual	1968
19680081735	Dispersion-strengthened metal structural development Interim technical report, 1 Feb. - 1 May 1968	1968
19680081736	Computer mass memories	1968
19680081738	A quality examination of the protection of anodized aluminum rotor shafting of helicopters, including a recommendation for protective measures	1968
19680081739	Research on improvements to small microwave tubes Final report, 1 Sep. 1966 - 31 Mar. 1968	1968
19680081740	A peak blast pressure recorder	1968
19680081741	Development of a miniature monolithic array of light emitting diodes Final report	1968
19680081742	Contribution to the theory of the dynamic measurement of caloric quantities, based on the principle of differential thermal analysis	1968
19680081743	Variation in performance on auditory and visual monitoring tasks as a function of signal and stimulus frequencies	1968
19680081744	Performance of the Irving 1-24 24-ft Do FC canopy with anti-squid line length of 15 feet 6 inches	1968
19680081745	Initiation of explosives by exploding wires. Part 2. Effect of crystal habit, density and particle size on the initiation energy of tetryl	1968
19680081746	Three-hundred deg C transformer rectifier Interim technical report, 1 Jan. - 31 Mar. 1968	1968
19680081747	Integrated solid state Ku-band source Interim technical report, 1 May - 31 Dec. 1967	1968
19680081748	Computer program documentation - Broad band antenna matching network design	1968
19680081749	Cable materials for extreme environments Progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680081751	Development of microwave circuits using stripline techniques Quarterly report, Dec. 12, 1967 - Mar. 29, 1968	1968
19680081752	Development of a manufacturing process for producing high-quality electrical strip from ultrahigh-purity aluminum for magnet applications Interim engineering progress report, Sep. 6, 1967 - Feb. 29, 1968	1968
19680081758	Aerospace guidance computer analysis and synthesis Final summary report, Jun. 15, 1963 - Jul. 15, 1967	1968
19680081760	Research to investigate fundamental magnetic interactions in selected materials Final report, Jan. 1 - Dec. 31, 1967	1968
19680081761	Prediction of boundary layer pressure fluctuations Research staff report, Jan. - Oct. 1967	1968
19680081762	A simulation of convolutional encoding with sequential decoding with application to IMP-I and AIMP-H, J data processing	1968
19680081763	Multi-carrier radio combining technique Final report, 1 Jun. 1967 - 15 Jan. 1968	1968
19680081764	Evaluation of four personnel parachute assemblies	1968
19680081765	Development of a rocket-borne aluminum oxide hygrometer Final report	1968
19680081766	Study and development of super high frequency amplifier Final technical report, Jul. 1963 - Jul. 1967	1968
19680081767	Common emitter L band small signal silicon transistor amplifier Final report, 10 Jan. 1967 - 1 Feb. 1968	1968
19680081768	An integrated personnel communications subsystem Final technical report, 15 Apr. 1967 - 15 Feb. 1968	1968
19680081771	Preprocessing of minitrack data on the IBM 360	1968
19680081774	Differential expressions relating errors in initial conditions to ephemeris errors	1968
19680081775	Combustion tailoring criteria for solid propellants Phase report, 15 Oct. 1967 - 30 Apr. 1968	1968
19680081776	Research in aeronomy Progress report, Oct. 1, 1967 - Mar. 31, 1968	1968
19680081780	Fatigue prediction methods based on strain cycling	1968
19680081784	Tropical service life of electronic parts of materials Final report, 1 Mar. - 31 Jul. 1967	1968
19680081785	A study to improve the low level meteorological simulator Semiannual report, 15 May - 15 Dec. 1967	1968
19680081788	Advanced concepts of microwave generation and control in solids Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680081791	Contact potential measurements of the adsorption of Cs, K, and Na on /110/ Ta	1968
19680081792	Hematological findings associated with chronic acceleration Progress report, 1 Aug. 1967 - 1 Aug. 1968	1968
19680081793	Development of a high resolution electron gun for airborne electron beam on film recorders First interim technical report, 1 Sep. 1968 - 29 Feb. 1968	1968
19680081794	Investigation of tactical applications of lasers for communications	1968
19680081800	Environmentally induced delayed failures in martensitic high-strength steels Summary report, 1 Apr. 1967 - 28 Feb. 1968	1968
19680081801	Investigation of the deformation of beryllium single crystals under high pressure Final report, 1 Jun. 1966 - 30 Nov. 1967	1968
19680081805	A manufacturing process for thin sheet and foil of TD nickel-chromium alloy Technical report, 1 Jul. 1966 - 15 Mar. 1968	1968
19680081806	Reliability support of large solid rocket programs, volume 2 Final report	1968
19680081812	Perfluoro-alkylenetriazine elastomeric polymers	1968
19680081813	ROBOT - Apollo and AAP preliminary mission profile optimization program. Part 1 - Mathematical formulation	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081819	Low profile interrupted coaxial radiator and subminiature integrated antenna studies Technical report, Feb. 1967 - Jan. 1968	1968
19680081820	Coupling of ultrahigh strength and fracture toughness in steels by means of thermomechanical processes Technical report, Jan. - Dec. 1967	1968
19680081825	Advanced thrust vector control preliminary design computer program. Volume 1 - Program summary and evaluation study /U/ Final report	1968
19680081826	Advanced thrust vector control preliminary design computer program. Volume 2 - Program description, book 2, hardware /U/ Final report	1968
19680081829	Scramjet incremental flight test program. Volume 1. Summary /U/ Technical summary report, Apr. 1965 - Apr. 1967	1968
19680081830	Advanced ramjet concepts program, 1966. Volume 6 - RAMLACE/SCRAMLACE propulsion system analysis and design /U/ Final report, 1 Apr. 1966 - 28 Feb. 1967	1968
19680081843	Testing Monsanto chemical de-icer ID-1352B Interim report	1968
19680081844	Location of rough areas of runways for B-52 aircraft. Volume 1 - Mathematical formulation Final report, Jun. 1966 - Oct. 1967	1968
19680081849	Advanced ramjet concepts program /1966/. Volume 5 - Advanced nozzles and ramjet structures /U/ Final report, 7 Mar. 1966 - 1 Apr. 1967	1968
19680081850	The Hot Shot airborne reconnaissance-strike system /U/	1968
19680081851	Radar clutter in an air defense system. Part 2 - Clutter rejection /U/	1968
19680081860	Advanced ramjet concepts program /1966/. Volume 8 - Ejector ramjet engine tests, phase 1 /U/ Technical report, 1 Mar. - 1 Nov. 1966	1968
19680081862	Advanced cryogenic rocket engine program, Aerospike nozzle concept, volume 1 /U/ Final report, 1 Mar. 1966 - 21 Oct. 1967	1968
19680081863	Advanced cryogenic rocket engine program, Aerospike nozzle concept, volume 2 /U/ Final report, 1 Mar. 1966 - 21 Oct. 1967	1968
19680081866	Vent-free fluorine feed system /U/ Final technical report, 1 Mar. - 31 Dec. 1967	1968
19680081870	Invariants in the motion of a charged particle in a spatially modulated magnetic field	1968
19680081871	The measurement of transition probabilities and stark widths for C I, F I, Ne I, Cl I, Cl II, Br I, and Br II	1968
19680081873	Quartz crystal units, filter low frequency, 1Mc to 10Mc. Types CR-/XM-49//U through CR-/XM-52//U per SCS-191 dated 23 January 1963 Final engineering report, 27 Jun. 1964 - 29 Dec. 1967	1968
19680081875	Scramjet incremental flight test program. Volume 2 - Module aerothermodynamics /U/ Final technical summary activity report, Apr. 1965 - Nov. 1967	1968
19680081877	Advanced thrust vector control, preliminary design computer program. Volume 4 - Test cases /U/ Final technical report, 1 Aug. 1966 - 15 Dec. 1967	1968
19680081884	Carbohydrate metabolism in a high oxygen-low pressure environment	1968
19680081885	Effects of the sun and the moon on a synchronous satellite	1968
19680081886	Effective thermal conductivity parallel to the laminations, and total conductance for combined parallel and normal heat flow in multilayer insulation	1968
19680081887	A search for gamma ray emission from supernova remnants and its relation to the origin of cosmic rays	1968
19680081888	Production engineering measure for improved reliability of hermetically sealed tantalum foil capacitors Final report, 20 Sep. 1965 - 20 Feb. 1968	1968
19680081889	Prismatic punching of dislocations from inclusions during rapid quenching	1968
19680081890	Differential cross sections for the charged particles produced by 60 MeV protons on carbon, iron, and bismuth sup a	1968
19680081891	Plasma-sprayed thermoelectric materials research Final report, 3 Jan. 1967 - 2 Jan. 1968	1968
19680081893	Time of flight measurements of the neutron spectrum in a sub-critical fast reactor assembly	1968
19680081894	Measurement of the differential cross-section and polarization in proton-proton scattering at about 98 MeV	1968
19680081895	Calibration of a Jem 7 electron microscope	1968
19680081896	Classification of 3pn-3pn-1 4s, 5s, 4d, 5d transitions in elements of the iron period and oscillator strengths in iron and nickel from atomic self-consistent field calculations	1968
19680081897	Estimation and control with quantized measurements	1968
19680081898	A study of phycophysiology in controlled environments and supplementary task 1, the yeast satellite experiment Semiannual status report, 1 Oct. 1967 - 31 May 1968	1968
19680081899	The post irradiation annealing behaviour of fission gas bubbles in various purities of uranium	1968
19680081900	Eigenvalues of the Spin Hamiltonian for Mn4plus in Tio2	1968
19680081901	Project Fog Drops - Investigation of warm fog properties and fog modification concepts Quarterly progress report, period ending Jul. 15, 1968	1968
19680081902	Experimental determination of some kernel functions in the multiple integral method for nonlinear creep of polyvinyl chloride	1968
19680081904	Planning for impact - Huntsville, Alabama - A case study of the importance of an areas history	1968
19680081905	SEDS, System Effectiveness Data System Final technical report, 1 Oct. 1967 - 15 Mar. 1968	1968
19680081908	Low cycle fatigue of HY-130/T/ weldments Progress report, 1 Feb. - 30 Apr. 1968	1968
19680081909	Intensity distribution in the oscillating turbulent boundary layer on a flat plate	1968
19680081910	Preferential charges in electronic materials Technical report, 17 Oct. 1967 - 17 Jan. 1968	1968
19680081911	Production engineering measure for type CR-XM-56 Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081912	Oceanography and meteorology - A systems analysis to identify orbital research requirements, volume 2	1968
19680081914	Development of an instantaneous amplitude compressor-expander Final report	1968
19680081915	The metallography of copper steels containing silicon and manganese	1968
19680081916	Beaver AL mk. 1 no. XP 822. Trials of improved photographic installation	1968
19680081917	A new technique for detecting and separating signal pulse trains embedded in a random noise pulse environment	1968
19680081918	Test and evaluation of specialized material Quarterly report, Feb. 23 - Mar. 24, 1968	1968
19680081920	Development of aids for the study of high altitude nuclear explosions Annual report, 1 Mar. 1967- 30 Apr. 1968	1968
19680081921	Optical processing techniques Interim technical report, 16 Jan. 1967 - 15 Jan. 1968	1968
19680081922	Propellant stress analysis Progress report, 15 Feb. 1967 - 1 May 1968	1968
19680081923	A constitutive equation for fiber reinforced viscoelastic materials	1968
19680081924	Elliott Company steam booster compressor for catapult service Evaluation report	1968
19680081927	Development of a broadband, S-band amplifier for use in the signal processing test facility Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680081928	The mechanical and other physical properties of polyelectrolyte salts in the solid state	1968
19680081932	Swirling two-phase gas-liquid annular downflow	1968
19680081933	Nonlinear analysis of orthotropic sandwich plates	1968
19680081934	Manufacturing methods and process controls for low cost resonant gate transistors Interim engineering progress report, 1 Jan. - 31 Mar. 1968	1968
19680081935	Program for the exploratory development of a contact ionization thruster. Part 1 - Microthruster systems. Part 2 - Radioisotopes Final report	1968
19680081937	Some recent developments in lasers - Report on overseas visit July/August, 1967	1968
19680081938	Effect of outdoor aging on unstressed, adhesive-bonded aluminum-to-aluminum lap shear joints. 1. Three year summary report	1968
19680081939	Brushless dc starter-generator Quarterly report, 1 Jan. - 1 Apr. 1968	1968
19680081940	Development of an HY-110 weldment Progress report, Jul. 1 - Dec. 31, 1967	1968
19680081944	Effects of welding position and process on the stress-corrosion-crack-intensity factor of HY-130/T/ weld metals	1968
19680081946	Preliminary development of the nozzle for the heavy-wall MDSS rocket motor	1968
19680081949	Investigation of the use of stellar references for automatic orientation of theodolite platforms Progress report, 1 Jan. - 1 Jul. 1968	1968
19680081951	Development of a mathematical model for predicting life of rolling bearings	1968
19680081952	Type 2 geodetic satellite, addendum no. 1 Final technical report, 1 Nov. 1966 - 6 Mar. 1968	1968
19680081953	The ear as a frequency analyzer, 2	1968
19680081954	Inhomogeneity of oxygen samples in the Cosmodyne CS-4.4 sampler	1968
19680081959	Preliminary evaluation of carbon-free and low-carbon 3Ni-3Mo steels	1968
19680081961	Reversion of polyurethane and polyacrylate rubber encapsulating compounds in humid environments and development of a standard reversion test	1968
19680081962	A plasma scanner for current cross sections and current-voltage characteristics	1968
19680081966	Aircraft coating, testing and evaluation Interim engineering report, 1 Jan. - 31 Mar. 1968 aircraft coating, testing and evaluation Interim engineering report, 1 Jan. - 31 Mar. 1968	1968
19680081967	Engineering tests of modified T12 plastic airplane landing mat Final report	1968
19680081968	Low profile antenna Interim technical report, 15 Oct. 1967 - 15 Apr. 1968	1968
19680081969	Solid propellant combustion - State of knowledge 1967	1968
19680081970	Single crystal silicon films on insulating substrates Final report, 1 Feb. - 30 Apr. 1968	1968
19680081971	The Solon Seismic Detection System Final report, 14 Oct. 1963 - 13 Feb. 1967	1968
19680081972	Closed-loop evaluation of a plus or minus 7-bit digital servovalve Technical report, Mar. 1967 - Feb. 1968	1968
19680081973	Application of composite materials to ramjet inlet structures. Volume 1 - Structural design and evaluation of materials Technical report, 1 Jul. 1966 - 31 Oct. 1967	1968
19680081974	Production engineering measure for C-band, L-band, and S-band grid pulsed triode-and-cavity oscillators Quarterly engineering report, 30 Dec. 1967 - 29 Mar. 1968	1968
19680081975	SLAN - A computer program for estimating shock interaction loading	1968
19680081977	Water-lubricated bearings and seal material /matrix parameters/	1968
19680081978	Simultaneous X-ray and DTA investigations of solids	1968
19680081980	A phase-reversal pulse modulator and pulse-compression filter for a coherent radar	1968
19680081981	Development of manufacturing techniques for production of rain erosion resistant coated structures Interim engineering progress report, 1 Feb. - 30 Apr. 1968	1968
19680081982	Dynamic characteristics of blocked concentric, cascaded pneumatic transmission lines	1968
19680081984	Investigation of the neurological correlates of information reception Progress report, 1 Jul. 1967 - 30 Jun. 1968	1968
19680081985	High-temperature-resistant polymer research Quarterly report, Jan. - Mar. 1968	1968
19680081986	Research on improved epoxy resins Quarterly progress report, 1 Feb. - 1 May 1968	1968
19680081987	Solid-state synthesis of microwave functions Technical report, 1 Aug. - 31 Oct. 1967	1968
19680081990	Support in upgrading apparatus and procedures for the analysis of returned lunar materials Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680081991	The investigation of radiation defects in GaP using electron resonance	1968
19680081992	Measurement of piston temperatures. Part 1 - A new technique using NTC resistors and pulsed inductive coupling	1968
19680081993	Manufacturing methods for growing large sound yttrium iron and yttrium gallium iron garnets Interim report, 1 Sep. 1967 - 31 Jan. 1968	1968
19680081994	Chemoelectric energy conversion for nonaqueous batteries and fuel cells Quarterly report, Oct. - Dec. 1967	1968
19680081995	Annual tropical storm report, 1967 Annual report, 28 Aug. - 1 Nov. 1967	1968
19680081996	Statistical treatment of the results of humidity-temperature tests of glass-fiber reinforced plastics	1968
19680081997	Research on combustion processes at high speed and at low pressures Final report	1968
19680081998	Application of the radiometer autotitrator in studies of reaction kinetics	1968
19680081999	Technical investigation of false azimuth lock-on in the Tacan navigation system Interim report	1968
19680082000	A study of the Hermitian numerical method applied to the single degree of freedom, damped oscillator	1968
19680082001	Microstructural stability of mill annealed Inconel 625 alloy	1968
19680082003	Compact transducer Final report, Feb. 1967 - Jan. 1968	1968
19680082007	Analysis and design of a capsule landing system and surface vehicle control system for Mars exploration	1968
19680082008	An adaptive model-reference scheme to track the parameters of the Martian atmosphere	1968
19680082009	Adaptive trajectory control	1968
19680082010	Unpowered aerodynamic landing	1968
19680082011	Terrain modeling	1968
19680082012	Automatic path selection	1968
19680082013	Terrain sensing radar	1968
19680082014	Mars Rover close-range obstacle detection	1968
19680082015	Short range obstacle detection	1968
19680082016	Obstacle detector pitch control	1968
19680082017	Attitude control system for the execution of experiments	1968
19680082018	Investigation of attitude control by means of a passive suspension system	1968
19680082019	An investigation of attitude sensing devices for use onboard a Martian roving vehicle	1968
19680082020	Chromatographic systems analysis	1968
19680082021	Flip-over problem	1968
19680082022	Technical evaluation of a log-FTC receiver and Linar receiver Final report	1968
19680082025	Development of new and improved forging lubricants Interim engineering progress report, 1 Oct. 1967 - 31 Mar. 1968	1968
19680082026	A study to determine the effect of artificial tangential inertia on the dynamic response of elastic rings	1968
19680082027	Design of low-pass filters using twin-T and second order networks	1968
19680082028	The pilot scale of manufacture of aligned asbestos/resin and aligned whisker/resin composites from the alginate extrusion process	1968
19680082029	Particle size determination using a laser light transmission technique	1968
19680082030	Computer enhancement of video pictures for application to a solar magnetograph	1968
19680082032	Documentation of ASTRO mathematical processes	1968
19680082033	Structural model analysis with thermoplastics. Appendix - Strain gauges on thermoplastics	1968
19680082034	Investigation of the hydrogen-bubble flow-visualization technique in high-speed two-dimensional steady flow	1968
19680082035	Control of explosion and detonation pressures assisted by either stiff plates, soft plates, thin stiff plates, or thick soft plates	1968
19680082036	A data processing description of the ultraviolet spectrophotometer experiment /E-04/ flown on OSO-B2	1968
19680082037	Investigation of physical properties and surface morphology of substrates Final report, 3 Jul. - 31 Dec. 1967	1968
19680082040	Generator 1 - Generalized Newton-Raphson trajectory optimization routine	1968
19680082041	Results of an experimental investigation of solid rocket motor exhaust plume heating	1968
19680082042	Meteorological operations review	1968
19680082044	Miniature crystals for SSB applications in coldweld enclosures and crystal units with high temperature bonding Interim report, 20 Apr. - 20 Oct. 1967	1968
19680082045	The minimum time orbit transfer program BHA-0227	1968
19680082046	Launch systems branch propulsion systems research laboratory plan	1968
19680082051	Content addressable memory techniques Final report, 1 May 1965 - 4 Nov. 1967	1968
19680082053	Atmospheric aerosols between 700 and 3000 m above sea level. Part 2 - A study of the effects of atmospheric fine structure characteristics on the vertical distribution of aerosols Final technical report, Jan. - Dec. 1967	1968
19680082054	Aerosol dissemination assessment Quarterly progress report, Oct. - Dec. 1967	1968
19680082056	A theoretical and experimental correlation of hypervelocity impact on layered targets	1968
19680082058	Belfast C Mk. 1 noise level assessment, part 5	1968
19680082059	Non-metallic materials Technical report, 1 Jul. - 31 Dec. 1967	1968
19680082061	Maintainable prelaunch temperatures for universal payload fairing, annex 1	1968
19680082062	Microwave research Quarterly report, 1 Nov. 1967 - 1 Jan. 1968	1968
19680082063	Electron-nuclear double-resonance spectra of F-centers in alkali halides	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082064	Wall streamlines on a circular cone at an angle of incidence in supersonic flow	1968
19680082066	High frequency resistance welding of titanium tee shapes Interim engineering progress report, 11 Dec. 1967 - 30 Apr. 1968	1968
19680082067	Active filters Quarterly report, 10 Aug. - 10 Nov. 1967	1968
19680082068	Methanol-air fuel cell Final report, 15 Mar. - 31 Jul. 1967	1968
19680082069	Design and development of a radio receiver, VHF R-1410/XE-2//GR /man portable/ Final report, 1 May 1965 - 28 Feb. 1967	1968
19680082070	High current density cathodes Triannual report no. 1, 1 Jun. - 30 Sep. 1967	1968
19680082071	Chemical vapor deposited materials for electron tubes Final report, 15 May 1965 - 14 Oct. 1967	1968
19680082072	Ultra-compact microwave devices Interim report, 1 Jul. - 30 Oct. 1967	1968
19680082074	Behavioral regulation of gases	1968
19680082075	Nike-Apache Speedball 2, round no. 121, SN 54 /25 April 1968/ Meteorological data report	1968
19680082076	Aerobee NASA 4.227 UG /3 May 1968/ and Aerobee NASA 4.196 UG /3 May 1968/ Meteorological data report	1968
19680082077	Athena 5-1168, flight 101 /2 May 1968/ Meteorological data report	1968
19680082078	Satellite observations of low energy protons in the polar regions	1968
19680082079	Studies of surface chemistry of solids in dissemination Quarterly progress report, Nov. 1967 - Jan. 1968	1968
19680082080	Microwave semiconductor diode research Semiannual report, 29 Jun. - 31 Dec. 1967	1968
19680082081	Development of 360 deg acoustical mortar locator experimental development model Final report, May 1966 - Jun. 1967	1968
19680082082	Tuned integrated circuits Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680082084	Project MALLARD directory development study Final report, 15 Aug. 1967 - 14 Feb. 1968	1968
19680082087	Boron filaments from the melt Final report, 1 Nov. 1965 - 31 Dec. 1966	1968
19680082088	Active filters and delay lines Final report, 1 Jun. 1966- 31 Dec. 1967	1968
19680082089	Microwave delay lines and materials Quarterly report, 1 Aug. - 31 Oct. 1967	1968
19680082090	Compensating resistors for active RC filters Progress report, 1 Sep. - 30 Nov. 1967	1968
19680082091	Microwave pulse-shaping networks Interim engineering report, 15 Aug. - 15 Dec. 1967	1968
19680082094	Active filters Quarterly report, 10 May - 10 Aug. 1967	1968
19680082095	Magneto-optical input/output equipment with memory Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680082096	Signal processing techniques for sound ranging - Design, part 1 Quarterly report, 1 Jul. - 30 Sep. 1967	1968
19680082097	Quadruply ridged horn	1968
19680082098	Use of electrostatic probes in the ballistic range	1968
19680082099	Optimization of material composites for consumable meteorological rocket motor cases, volume 1	1968
19680082101	Electro-optical input/output equipment with memory Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680082102	Research on selected quantum electronics problems Interim engineering report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680082103	Research on laser balancing of rotating turbine components Interim technical report, 1 Feb. - 30 Apr. 1968	1968
19680082107	A new method for determining the N-terminal amino acid in polypeptides and proteins. Paper 3 - Use of the reagent 2-Cl-3, 5- dinitropyridine	1968
19680082108	Tuned integrated circuits Quarterly report, 1 Jul. - 30 Sep. 1967	1968
19680082109	Electronically tuned filters Semiannual report, 1 Jul. - 31 Dec. 1967	1968
19680082110	Ferroelectric whisker materials Quarterly report, 1 Aug. - 31 Oct. 1967	1968
19680082111	High energy density capacitors Semiannual report, 12 Jun. - 12 Dec. 1967	1968
19680082113	Precision variable delay lines Final report, 1 Oct. 1966 - 31 Dec. 1967	1968
19680082114	Advanced development of a C/B forecast system. Volume 3 - Verification study of the advanced C/B forecast system - Argonne site Final report	1968
19680082115	Advanced development of a C/B forecast system. Volume 1 - Development of the C/B forecast system for a mid-latitude location Final report	1968
19680082116	Advanced development of a C/B forecast system. Volume 2 - Development of the C/B forecast system for a mid-latitude location Final report	1968
19680082117	Time and frequency domain coding techniques Quarterly report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680082118	Investigation of high-power beam plasma interactions Quarterly report, 15 Sep. - 14 Dec. 1967	1968
19680082120	Photographic material suitable for in-flight processing Quarterly progress report, 20 Oct. - 20 Dec. 1967	1968
19680082121	Integrated circuits for Fielddata computers Quarterly report, 1 Nov. 1966 - 31 Jul. 1967	1968
19680082127	Status review of German Research Satellite /GRS-A/625A-1/ program held in Germany October, 1967	1968
19680082130	Analytic solutions to the massive blowing problem. Part 2 - Thin layer analysis with constant blowing	1968
19680082132	Procedures for the Hanscom integration and capability test of the AN/FPS-85 radar /category 2 test, 6000 series/	1968
19680082133	Lethal area computer program	1968
19680082134	Further experiments on the effect of light on the circadian rhythm of Phaseolus multiflorus	1968
19680082135	The quantitative enzymatic dehydrogenation of L/plus-/lactate for microanalysis	1968
19680082136	Effect of compression on the thermal stability of silver /1/ oxide	1968
19680082137	Influence of muscular exercise and of unilateral occlusion of the pulmonary artery on the functional tolerance of the cardiopulmonary system	1968
19680082138	Crack initiation and propagation in strain controlled fatigue Semiannual report, 1 Sep. 1967 - 29 Feb. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082139	Saturn S-1B stage Final static test report, stage S-1B-11	1968
19680082140	Estimate of the influence of internal mass unbalance on the dynamics of a free, rotating, symmetric space station with a nonrotating hub	1968
19680082141	Differences in strain exhibited by women working during early and during late shifts	1968
19680082142	Preliminary onboard backup abort procedures lunar orbit insertion phase	1968
19680082143	Evaluation and application of data from low-gravity orbital experiment Quarterly progress report, 20 Feb. - 19 May 1968	1968
19680082144	Electromagnetic scattering from a statistically rough spherical surface with shadowing	1968
19680082145	Task E-45A Project technical summary report number 3	1968
19680082146	Task E-45A Project technical summary report number 3	1968
19680082147	Preliminary heat shield bondline temperature contour for AS-205/101 nominal trajectory	1968
19680082148	Revision to the STAB 2 charring ablation program	1968
19680082149	Part 1 - Conservation equations for flow through a porous medium in three dimensions	1968
19680082150	Part 2 - Pressure distribution in a porous char layer	1968
19680082151	Finite difference equations for calculating the internal pressure distribution within the Apollo heat shield	1968
19680082152	Part 1 - AS-502 heat shield thermal limit line evaluation	1968
19680082153	Part 2 - Influence of heat shield ablator initial temperatures on bondline temperature	1968
19680082154	Part 3 - Influence of vehicle and trajectory parameters on AS-502 heat shield performance	1968
19680082155	Analysis of Giannini ground test data for Apollo heat shield material	1968
19680082156	Correlation for carbon-silica reaction layer thickness	1968
19680082157	Method of evaluating blowing effects for the Apollo heat shield	1968
19680082158	Approximate heat transfer - Mass injection correlation method for multiple species injection for Apollo heat shield	1968
19680082159	Part 1 - Thermal analysis of Apollo singularities	1968
19680082160	Part 2 - Status of Apollo singularities thermal analysis and information requested to perform analysis	1968
19680082161	Heating effects of surface singularities	1968
19680082162	Behavior of lactate and of excess lactate in the arterial blood during heavy physical work	1968
19680082163	Dependence on age of alveolo-arterial oxygen partial pressure gradients during heavy physical work under conditions of normoxia, hypoxia and hyperoxia	1968
19680082165	Low frequency fluctuations in the inner magnetosphere - Explorer 26	1968
19680082166	Alpha scanning of solid surfaces and the measurement of plutonium migration in irradiated ceramic fuels	1968
19680082167	Instability of the boundary layer on swept-back wings	1968
19680082168	Apollo mission 6, AS-502 trajectory reconstruction and postflight analysis, volume 1	1968
19680082169	A miniature gate generator	1968
19680082170	Absorption of underwater sound waves by forced alternating flow of fluids	1968
19680082171	Evaluation of low temperature resistant coated fabrics for pneumatic life preserver	1968
19680082173	Engineering evaluation of the Vanguard M-731 viewer Final technical report, 28 Feb. - 3 Apr. 1968	1968
19680082175	Development of audio transducer helmet assembly Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680082176	Multichannel multiplier phototube evaluation. Phase 2 Final technical report, 1 Mar. 1966 - 15 Dec. 1967	1968
19680082177	Definition and measurement of the modulation index of an electro-optical modulator	1968
19680082178	Vacuum electrostatics on the basis of the quantum theory of the electron	1968
19680082194	Thrust measurement of rocket engines	1968
19680082195	On the condensation of formaldehyde and the formation of polyalcohols from formaldehyde condensates	1968
19680082196	Time decoder conversion tables	1968
19680082197	Ethno-psycho-analytic thoughts on neurotic fatigue	1968
19680082198	Principal applications of titanates, zirconates and other ferroelectric materials in electronics	1968
19680082199	Temperature transducer calibration in the 4.2 deg K to 100 deg K range	1968
19680082200	High performance fuel cell Quarterly technical report, 1 Jan. - 31 Mar. 1968	1968
19680082201	Fracture toughness, fatigue and corrosion characteristics of high strength aluminum extrusions and plate Fourth quarterly technical management report, 27 Dec. 1967 - 27 Mar. 1968	1968
19680082204	The reversibility of the reaction between carbonyl compounds and formaldehyde. Synthesis and degradation of beta-carbonyl alcohols. Transhydroxymethylation and cryptoformaldehyde reactions	1968
19680082206	Asymmetry in geomagnetic response to the polarity of the interplanetary magnetic field	1968
19680082207	Computer solution of spherical bearing load ratings and races stresses	1968
19680082208	Defects in the lattice of flux lines of superconductors of the second type	1968
19680082209	Problems in the development of high-speed helicopters	1968
19680082210	Renormalization of the two-component theory of quantum electrodynamics	1968
19680082211	A high-resolution method of investigating the magnetic structure of superconductors	1968
19680082212	The Cannizzaro reaction of formaldehyde	1968
19680082213	Sulfide inclusions in meteoric alloys - Segregation of chromium	1968
19680082214	Influence of weak electro-magnetic fields on the circadian periodicity of man	1968
19680082215	Microelectronic PCM companded coder/decoder program Semiannual technical report, Jul. 1967 - Mar. 1968	1968
19680082216	A study of the relation of engine stalls to the total pressure dynamic distortion at the face of the F-111A/TF-30 engine	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082217	Research study leading to the development of an optical integrator for a solar simulator Technical report, Feb. - Dec. 1967	1968
19680082218	Sparta Program Final management and technical report, Apr. 1965 - Nov. 1967	1968
19680082220	Propellants, rockets, and missiles Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680082221	Research on a high energy non-aqueous battery system Quarterly progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680082223	Test of the modular toxic environment protective system	1968
19680082224	Investigation of reliability testing and prediction techniques for integrated circuits Final report, 1 Jan. - 1 Jul. 1967	1968
19680082225	Optimum antenna arrangement for a VLF vertical-incidence ionospheric sounding system	1968
19680082226	Short-period multicomponent strain system Quarterly report, 16 Feb. - 31 May 1968	1968
19680082227	Problems of the aerial bus	1968
19680082228	Order-order phase transitions in ferroelectrics	1968
19680082229	An investigation of the role of the normal momentum equation in laminar incompressible flow	1968
19680082231	Aerobee NASA 4.221 GG /16 May 1968/ Meteorological data report	1968
19680082233	Interpretation of the infrared absorption spectra of metallic sulphates, simple or double, anhydrous or hydrated	1968
19680082235	Postirradiation examination of the PM-1 type 1 serial 3 core and correlation with the PM-3A type 1 serial 2 core. Part 2 - Postirradiation examination of control rod 16 Final report	1968
19680082236	High-sensitivity infrared receiver development Quarterly report, 1 Jan. - 1 Apr. 1968	1968
19680082237	Relation between residual functional capacity and the forces of gravity - Interpretative essay	1968
19680082238	Biological and theoretical implications of an instantaneous release of 90Sr-oxide into the California coastal marine environment	1968
19680082239	Charge storage mode operation of phototransistors in a reading aid	1968
19680082240	Evaluation of antenna systems in Army light observation helicopter OH-6A, tail number 65-12931	1968
19680082241	Self-alignment of a gimballess inertial navigation system	1968
19680082242	Study of aviation-fuel filter/separators Yearly summary report, 19 Apr. 1967 - 19 Apr. 1968	1968
19680082243	Development program for the application of molded advanced filament-reinforced composites in aircraft structural components Technical report, 1 May 1967 - 31 Mar. 1968	1968
19680082244	The approximate longitudinal stability derivatives of a vectored thrust VTOL	1968
19680082245	Annotated bibliography on meteorological sensors and measuring techniques in the atmosphere, 1967 Technical report, 1 Mar. 1967 - 29 Feb. 1968	1968
19680082247	Droplet size distribution	1968
19680082249	Analysis of the effects of certain living habits on the physical fitness of selected naval aviators and naval flight officers Interim report	1968
19680082250	Transmission of Freon 113 vapor and liquid and of water vapor through polypropylene felt	1968
19680082251	Integrated solid state circuit EMI susceptibility investigation Final report, 15 Jun. 1966 - 15 Nov. 1967	1968
19680082255	Some thermophysical properties of argon-methane, oxygen-nitrogen, and neon at cryogenic temperatures Final technical report, May 1966 - Oct. 1967	1968
19680082256	A hydraulically driven Ericsson cycle refrigerator Final report, Jun. 1966 - Oct. 1967	1968
19680082257	X-ray flash technology	1968
19680082258	Chemolithotrophic growth of Hydrogenomonas H 16 using electrolytic production of hydrogen and oxygen in a chemostat	1968
19680082259	The structure of the neutral upper atmosphere	1968
19680082261	Development of cutter geometry based on material properties Interim report, 1 Jan. - 31 Mar. 1968	1968
19680082263	F-4C category 2 follow-on stability and control tests	1968
19680082264	Simulated altitude test of the Agena turbine pump assembly in propulsion engine test cell /J-3/ /Cough Drop 2/ Final report, 1 Sep. - 17 Nov. 1967	1968
19680082265	Exploratory development of a chemical radiant energy source Technical report, Dec. 1966 - Mar. 1968	1968
19680082266	Calculating the bypass ratio of a turbofan engine by using the energy equation	1968
19680082267	Development of dispersion strengthened cobalt-base alloys Summary report, 1 Jan. 1967 - 31 Jan. 1968	1968
19680082268	Measurement of velocity profile and decay of velocity from a radial flow jet	1968
19680082269	Location of rough areas of runways for B-52 aircraft. Volume 4. Numerical results Final report, Jun. 1966 - Oct. 1967	1968
19680082270	A study of the nature of the effect of "frame" on the perception of the vertical	1968
19680082271	The near wake of axisymmetric bodies in hypersonic flow	1968
19680082272	Production engineering measure for 50-ampere silicon power transistors Progress report, 27 Nov. 1967 - 27 Feb. 1968	1968
19680082273	Location of rough areas of runways for B-52 aircraft. Volume 3. Digital computer program Final report, Jun. 1966 - Oct. 1967	1968
19680082274	Mechanical properties of woven forms of three polyaromatic fibers after ultraviolet exposure Technical report, Jun. 1966 - Apr. 1967	1968
19680082275	Design and development of a hardened Nike-Hercules nose-cone system Final report	1968
19680082276	Apollo Applications Program - Experiment general requirements	1968
19680082277	Comparison of several classes of multiple access communication satellite repeaters	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082278	Nitrosyl perchlorate	1968
19680082280	Nanosecond pulse radar as a measuring tool Interim report	1968
19680082281	Compressor blade corrosion	1968
19680082282	Some effects of fatigue loading sequence on fracture in a viscoelastic material	1968
19680082283	Suitability of glycol/water for use in the Apollo electrical power system Final report, 16 Jan. - 3 Jun. 1968	1968
19680082284	Turbulent diffusion of small particles Quarterly progress report, Dec. 1967 - Mar. 1968	1968
19680082285	Management of laboratory equipment in Department of Defense Laboratories	1968
19680082286	Dialectics in decision making - A study in the use of counterplanning and structured debate in management information systems	1968
19680082287	Nike-Apache Speedball 2, round no. 122, SN 55 /8 May 1968/	1968
19680082289	Sampling tests of one type MS17334-2, 24-volt, 0.33 ampere-hour, self-rectifying, nickel-cadmium, aircraft battery manufactured by Sonotone Corporation	1968
19680082292	Development of cast superalloy dies for hot die forging systems Interim engineering progress report, 16 Jan. - 15 Apr. 1968	1968
19680082293	Sampling tests of one MS90447-1, 5.0 ampere-hour, and one MS90447-2, 11 ampere-hour, 22.7-volt, nickel-cadmium, aircraft batteries manufactured by Gulton Industries, Inc.	1968
19680082294	Aborts from three-sigma errored powered descent	1968
19680082295	Extravehicular Engineering Activities /EVEA/ program requirements study, volume 2 - Detail technical report Final report	1968
19680082296	Extravehicular Engineering Activities /EVEA/ program requirements study. Appendix A - Transfer, locomotion, and rescue experiment definition Final report	1968
19680082297	Extravehicular Engineering Activities /EVEA/ program requirements study. Appendix B - Work performance experiment definition Final report	1968
19680082298	Acquisition of a special purpose programmable computer for ground support of IMP'S H, I, and J magnetic field experiments	1968
19680082299	Urinary elimination of catecholamines in Long-Evans male rats during adaptation to various temperatures	1968
19680082300	Measurement of the conductivity and dielectric constants of biological tissues and fluidity with short waves	1968
19680082302	Production engineering measure for subminiature, high reliability ceramic capacitors Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680082303	Development and evaluation of a method of packaging spare sets of tail fins for CBU-24/B and CBU-29/B	1968
19680082304	Correlation of dyestuff color change with actinic degradation of nylon Final report	1968
19680082305	Extravehicular Engineering Activities /EVEA/ program requirements study. Appendix C - Scientific/technical experiments baseline Final report	1968
19680082306	Study of Extravehicular Engineering Activities /EVEA/ program requirements study. Appendix D - Linkages	1968
19680082307	Hydraulic system vulnerability study Final report, Jun. 1967 - May 1968	1968
19680082309	Meteorological data report, volume 82, no. 1. Daily and monthly Northern Hemisphere 10-millibar-synoptic weather maps of the year 1967 - Part 1, January - March Quarterly technical status report	1968
19680082310	Calculations of equilibrium anharmonic properties in Bravais lattices with application to the Wigner electron solid	1968
19680082311	Performance of transient voltage suppressors for radio set AN/VRC-12 /cutoff type/	1968
19680082312	Research and development on fuel cell technology Summary report	1968
19680082313	The determination of the diffusion length and carrier density from the forward characteristics of alloy junction	1968
19680082314	Quartz crystal unit type CR-67/U and CR-/XM-67//U production engineering measure Quarterly progress report, 25 Aug. - 25 Nov. 1967	1968
19680082315	Automatic point transfer instrument Final technical report, Feb. 1965 - Jan. 1968	1968
19680082316	Coupled waves in solid state plasmas Final report	1968
19680082317	Electron fractography handbook. Specific applications of electron fractography Final report, 1 Apr. 1967 - 31 Mar. 1968	1968
19680082318	Relative effects on roll and yaw motion cues in manual control	1968
19680082320	Phase 3 of the accelerated service evaluation of the J79-GE-10 engine	1968
19680082322	Computer-aided programs and systems, Volume 1. Design, maintenance and production A report bibliography, 1952-1967	1968
19680082324	Qualification tests on smoke generating subsystem, helicopter, XM52 Bendix part no. 53E00-73A Final report, Aug. 1967 - Jan. 1968	1968
19680082325	Mechanisms for the effect of electric and magnetic fields on biological systems	1968
19680082326	Electromagnetic wave propagation in a dispersive periodic medium	1968
19680082327	Report on monitoring AIMP-D Stanford AIMP telemetry monitoring experiment Final report	1968
19680082328	Investigation of head movement and intensity as depth cues in a perspective contact analog display	1968
19680082329	PCM bit rate synchronizer study, volume 1 Final report	1968
19680082330	PCM bit rate synchronizer study, volume 2 Final report	1968
19680082331	Enzymatic analysis of L/plus/-lactic acid	1968
19680082332	Satellite geophysics project sponsored by Naval Air Systems Command, Astronautics division /AIR 538/, July - September 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082333	Feasibility study for a rotor lifted water droplet system to disperse warm fog Final report, 1 Jul. 1967 - 26 Jan. 1968	1968
19680082334	TOS spacecraft handling plan	1968
19680082335	Project Apollo - Mission C rendezvous dispersion analysis data /task MSC/TRW A-54.2/	1968
19680082336	An investigation of the interaction of chemical explosives and electromagnetic fields Summary report	1968
19680082337	Investigation of a method for determining structure-borne sound powers and resistance	1968
19680082338	High frequency antenna coupler Interim engineering report, 15 Oct. 1967 - 15 Jan. 1968	1968
19680082340	Spacecraft bit synchronizer Final project report	1968
19680082345	Cryogenic insulation development Quarterly progress report, 3 Apr. - 3 Jul. 1968	1968
19680082346	Melt spinning of super alloys Interim progress report, 1 Feb. - 30 Apr. 1968	1968
19680082347	Studies of phase-locking in Gunn oscillators Final report	1968
19680082348	Solid rocket structural integrity abstracts, volume 5, no. 2	1968
19680082349	High power ferrite gas duplexer Quarterly progress report, 11 Feb. - 10 May 1968	1968
19680082350	Strain distribution in oxidized alpha titanium crystals Technical report, 1 Jan. - 31 Dec. 1967	1968
19680082351	Maintaining image interpreter proficiency through team consensus feedback	1968
19680082352	Experimental and analytical investigation of the dynamic behavior of a cylinder with a cutout	1968
19680082353	The tungsten-rich region of the tungsten- molybdenum-silicon system Annual scientific report, 15 Sep. 1965 - 14 Sep. 1966	1968
19680082354	Kinetics and mechanisms of thermal degradation of polymers using time-of-flight mass spectrometry for continuous gas analysis summary report, Jan. - Dec. 1967	1968
19680082355	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Dec. 1967 - 20 Mar. 1968	1968
19680082356	Retrofitted Electroluminescent Runway Marking System /ERMS/ Final report, 30 Nov. 1967 - 28 Feb. 1968	1968
19680082357	Variations of the electrical and acoustical properties of ceramic-metal flexural disk transducer elements as functions of dimensions and materials	1968
19680082358	Development of the elements of an oblique blast interaction facility	1968
19680082360	On-board in-flight checkout evaluation Final report, Feb. 1967 - Apr. 1968	1968
19680082361	Convection in a liquid confined between two concentric uniformly rotating horizontal cylinders	1968
19680082362	Meteorological data report - Athena D-061, flight 102 /16 May 1968/	1968
19680082363	Development of sensitive 40 and 100 microamperes ruggedized taut band panel meters Quarterly report, 2 Feb. - 30 Apr. 1968	1968
19680082364	Training and programming for INTIPS Final report	1968
19680082365	Binding energies of electrons in metals and compounds Final technical report, 15 Jun. 1967 - 15 Mar. 1968	1968
19680082366	Comparison of monopulse and mechanical track- while-scan radars Final report	1968
19680082367	Simplified approximations of interference effects on jet V/STOL aircraft	1968
19680082379	Au-ZnTe Schottky barrier fabrication by low-energy ion etching techniques	1968
19680082380	Generalized model for semiconductor radiation response prediction Quarterly report, 1 Oct. 1967 - 31 Jan. 1968	1968
19680082381	Decomposition and combustion of ammonium perchlorate Final report	1968
19680082382	Research on dissemination processes Quarterly progress report, 5 Dec. 1967 - 5 Mar. 1968	1968
19680082383	Effect on etch rate of oxide surfaces after electron bombardment	1968
19680082384	Development of a manufacturing process and associated equipment to improve internal core forming in solid propellant rocket motors Final technical report, 15 Jul. 1965 - 1 Jun. 1968	1968
19680082386	SCEPTRE support. Volume 1 - Revised SCEPTRE users manual Technical report, Mar. 1967 - Jan. 1968	1968
19680082387	Ku-band pulse power amplifier Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680082388	Silicon carbide filaments Final report	1968
19680082389	Electro-optical properties of improved electroluminescent phosphors Technical paper, Nov. 1966 - Apr. 1967	1968
19680082390	Study of surface properties of atomically-clean metals and semiconductors Semiannual report, 1 Sep. 1967 - 29 Feb. 1968	1968
19680082391	Combined space environmental effects on spacecraft coatings Final report, 27 Nov. - 18 Dec. 1967	1968
19680082393	Janair vertical contact analog display evaluation program Annual report, Jan. 1967 - Jan. 1968	1968
19680082394	Use of optical correlation for coded signal identification	1968
19680082395	Manufacturing process development for superalloy cast parts Interim engineering progress report number 7, 1 Jul. 1967 - 28 Feb. 1968	1968
19680082396	Millimeter wave mixers Final report, 1 Mar. 1966 - 1 Mar. 1968	1968
19680082397	Manufacturing methods for plastic airframe structures by filament winding Quarterly report, Feb. - Apr. 1968	1968
19680082398	Technical evaluation of IFF beacon video digitizer AN/SYA-11 Final report	1968
19680082399	Hydrogen tankage application to manned aerospace systems, phases 2 and 3. Volume 2 - Manufacturing Final report, Sep. 1965 - Mar. 1968	1968
19680082400	Hydrogen tankage application to manned aerospace systems, phases 2 and 3. Volume 3 - Structural acceptance and flight simulation testing Final report, Nov. 1965 - Apr. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082402	A process for increasing the strength and toughness of AFC 77 by austenite grain refinement	1968
19680082404	Evaluation of conical flow tubes	1968
19680082405	Hydrogen tankage application to manned aerospace systems, phases 2 and 3. Volume 1 - Design and analytical investigations Final report, Nov. 1965 - Apr. 1968	1968
19680082406	Design of antennas for reception of signals in additive noise fields	1968
19680082407	Conduct an operational evaluation of OMEGA navigation receivers AN/ARN-88 /XN-1/ AN/SRN-12 /XN-1/ and AN/WRN-3 /XN-1/ /AN/WRN-3 OPEVAL only/	1968
19680082409	Comprehensive Mission Analysis Program /COMAP/ computing report	1968
19680082410	Detonation characteristics of low density granular materials Annual report, 1 Jan. - 31 Dec. 1967	1968
19680082411	Honest John missile no. 824, round no. 569 AML /16 May 1968/ Meteorological data report	1968
19680082412	Honest John missile no. 2965, round no. 571 APL /18 May 1968/ Meteorological data report	1968
19680082413	Soil conductivity measurement techniques Final report, 2 Jan. - 1 Nov. 1967	1968
19680082414	Radiation effects in dielectric materials Quarterly report, 16 Oct. 1967 - 15 Jan. 1968	1968
19680082415	Spectrum utilization characteristics of FM telemetry transmitter Dorsett model TR-50	1968
19680082418	DMIC review of recent developments - Titanium and Titanium alloys	1968
19680082419	J52-P-8A engine water ingestion tests, March 1968 Final technical report	1968
19680082420	Thin-film monotonics Fourth quarterly and final summary report, 15 Dec. 1967 - 15 Mar. 1968	1968
19680082421	Carrier waves in two-component semiconductor plasmas	1968
19680082422	Static arching tests on cylinders buried vertically in a partly saturated low- plasticity soil Technical report, Aug. 1965 - Jun. 1967	1968
19680082423	High acuity study Final report	1968
19680082424	Adaptation under different degrees of fading and short-term dazzling /as well as with oxygen respiration/	1968
19680082425	Development of the subliming solid control rocket - Contributions from the Explorer 35 /AIMP-E/ satellite program	1968
19680082426	High gain antenna techniques Interim technical report, Jan. - Dec. 1967	1968
19680082427	Development of avalanche oscillators at 10 GHz and 18.3 GHz Quarterly report, 22 Dec. 1967 - 22 Mar. 1968	1968
19680082434	Hydrogen-fueled variable-geometry scramjet /U/ Final report	1968
19680082438	J52-P-8A engine ground starting characteristics	1968
19680082439	Development of a water-displacing corrosion preventive Final technical report, 12 Apr. 1967 - 11 Apr. 1968	1968
19680082440	Multiple target tracking instrumentation study Final report, 21 Jun. 1967 - 31 Mar. 1968	1968
19680082441	An investigation of a passive network which uses phase interference to produce low-pass filter effects	1968
19680082443	Inverse mode Tacan operational feasibility test Final report, 18 Sep. 1967 - 21 Feb. 1968	1968
19680082444	Intrinsic infrared detector development Final report, 8 May 1967 - 7 May 1968	1968
19680082445	Research in nonlinear optics Final report, Sep. 1966 - Dec. 1967	1968
19680082446	Output circuitry for a digital to synchro converter Final report, 26 Mar. - 24 May 1968	1968
19680082448	A study of the pressure fluctuations in the turbulent boundary layer on the B-52H aircraft	1968
19680082449	Increase of the ice-forming power of air and decrease of hail damage	1968
19680082451	Improved CdTe solar cell and array environmental effects investigation Quarterly technical report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680082452	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments	1968
19680082453	Analytical determination of the stresses around two equal reinforced circular openings in a thin plate	1968
19680082455	Test of aircraft chemical and biological protective overlay entrances Final report, 23 Jan. 1967 - 19 Apr. 1968	1968
19680082456	Gust criteria study - Wind model synthesis and statistical vehicle dynamics Final report	1968
19680082458	Parametric study of dynamic lift aerostats for future naval missions	1968
19680082459	An experimental model for multiplication and correlation based on neural processes	1968
19680082460	Lance /96502/ missile no. P-101, round no. 58 RST, 28 May 1968	1968
19680082461	Some effects of longitudinal and vertical store position variation on a 0.10 scale F-8 aircraft model	1968
19680082463	Pulsed magnetic field ferromagnetic microwave generator Quarterly progress report, 1 Oct. 1967 - 31 Jan. 1968	1968
19680082465	Heterocrystal integrated circuit techniques Final report, 1 Mar. 1966 - 29 Feb. 1968	1968
19680082466	Experimental program to determine the thermodynamic properties of solutions of liquefied light gases Quarterly progress report, 15 Jan. - 15 Apr. 1968	1968
19680082471	A boundary layer study on hypersonic nozzles	1968
19680082472	Explosive drivers for shock tunnels Final report, 3 Jan. - 13 Dec. 1967	1968
19680082473	Study of a Mars manned spacecraft-space station rendezvous and associated transfer from Earth	1968
19680082475	Advanced gallium arsenide technology Interim engineering progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680082476	Research for hydrothermal growth of single crystals Technical report, 16 Jan. - 15 Apr. 1968	1968
19680082478	The design and development of an optical data processor	1968
19680082479	Stratos model TCS670-B turbine-compressor set for closed cycle gas turbine power plant Final report	1968
19680082480	Feasibility of on board acceleration sensing as a means of automatically detecting aircraft crashes Final report	1968
19680082481	Development of outer shell fabric for new winter flight suit	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082482	Electronic energy band structures of GaAs and GaP. Part 2 - Theoretical and experimental guidelines	1968
19680082485	Beam-plasma experiments Final report on C.V.D. research project RP3-71	1968
19680082486	Spectrum utilization characteristics of telemetry transmitting set, Vector, model FMT-310B	1968
19680082487	Recommendations for 200C electronic components for use in an avionics system	1968
19680082488	Optical studies of combustion instability at CARDE	1968
19680082490	An investigation of carbon deposition in chars Final report	1968
19680082491	VHF modulation and detection studies Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680082492	Epitaxial oxide precipitates in aluminium-oxygen alloys	1968
19680082494	Study of a simple antenna mast structure subjected to blast loading	1968
19680082496	The automatic generation of boundaries of trimmed flight, using a wind tunnel and model	1968
19680082498	Green's function method in the lattice dynamics of a defect crystal	1968
19680082499	Comparative electron optical examination of the substantia compacta of the diaphysis of the tibia in normal, strontium pseudorachitic and rachitic rats and in a rachitic child who had died of tetany	1968
19680082500	Prediction of nozzle material performance for the 260-inch motor SL3 Final report	1968
19680082502	Turbulent motion of fluid in the inlet portion of a circular duct under pressure	1968
19680082503	Concentration of so-called liver-specific antigen in the liver of the young rat and its rate of metabolism in the mature rat	1968
19680082504	Plasma phase shifter Preliminary report on C.V.D. research project RP3-78	1968
19680082505	Progress report to C.V.D., October 1967 - Mar. 1968	1968
19680082506	Travelling wave tube linearity Annual report on C.V.D. research project RP3-50	1968
19680082507	Q-band diode parametric amplifier Final report on C.V.D. research project RP6-17	1968
19680082508	Metal-gallium arsenide microwave diodes Final report on C.V.D. project PR6-29	1968
19680082509	Cyclic phosphoranes the synthesis of 2 /phenoxy/ and 2 /ortho and para cresyl/ 4H-1-3-2-benzodioxaphosporan-2-ones	1968
19680082510	Optimization of constrained reentry orbits	1968
19680082512	Optimum diversity systems for the detection of randomly propagated ocean acoustic signals Final report, Feb. 1967 - Jun. 1968	1968
19680082513	Load carrying capacity tests on some E.P. gear oils using A.O.L. disc machine and the 3 1/4 inch centres IAE machine	1968
19680082514	Continuation of the study of bending feedback control system, volume 1 Final report	1968
19680082515	Continuation of the study of bending feedback control system, volume 2, computer program documentation Final report	1968
19680082516	The non-catalyzed reactions of MAPO and ERLA 0510 with carboxyl-terminated polybutadiene	1968
19680082517	Investigation of combustion characteristics of a bi-phase rocket	1968
19680082518	Multiple magnetic lens focusing in klystron beams Annual report	1968
19680082520	Minutes of the 23rd meeting of the ECRDC main committee held on 4 December, 1967, at D.R.T.E. Shirley Bay	1968
19680082521	C.V.D. report no. 124A to D.N.P.R. October 1967 - March 1968	1968
19680082523	Contribution to the study of the solar hydrogen spectrum	1968
19680082524	Steady state in a magnetic bottle with transverse diffusion of charge carriers	1968
19680082526	A simple, convenient method to obtain nuclear magnetic resonance spectra on milligram samples	1968
19680082527	Resume of Boeing Company activity on titanium plumbing for aircraft hydraulic systems	1968
19680082529	Submarine personnel - An annotated bibliography	1968
19680082530	Evaluation of the mechanical properties of 9Ni-4Co steel forgings	1968
19680082531	The role of dislocations in the stress- corrosion cracking of aluminum alloys Final report, 6 May 1967 - 5 May 1968	1968
19680082536	Far infrared laser receiver investigation Final report, 1 Mar. 1966 - 31 Dec. 1967	1968
19680082537	Susceptibility of potential target components to defeat by thermal action Quarterly progress report, 2 Sep. - 2 Dec. 1967	1968
19680082538	A test for vertical acceleration in terrain following flight profiles research	1968
19680082539	Navigation accuracy and ATC separation standards study - A preliminary report	1968
19680082540	Development of fast rise-time pulse preamplifier for radar detectors and similar applications	1968
19680082541	A cosmic electron detector	1968
19680082542	Translations on French nuclear, missile, space and related military development, no. 151	1968
19680082543	Adsorption of water vapor on the cleaved surfaces of some alkali halides	1968
19680082544	Induced biosynthesis of particle-bound uricase in Hydrogenomonas H 16 and other aerobic bacteria	1968
19680082545	Damping by macroscopic currents	1968
19680082546	Measurements of pulsed laser energy and power Final report, 1 Jul. 1965 - 31 Oct. 1967	1968
19680082547	MX-641-1 chemistry Final report, Apr. - Dec. 1967	1968
19680082548	Considerations in the design of broadband radio-frequency phase sensors	1968
19680082551	Body temperature and rate of subjective time	1968
19680082552	Contract NAS8-20287 Final report	1968
19680082553	Integration of Pegasus Satellite Eulerian Motion with Drag Torques Having Discontinuous Derivatives	1968
19680082554	Representation of Observations Made by Sun and Earth Sensors on Pegasus Satellites	1968
19680082555	Experimental Calibration of Adcole Solar Direction Sensor	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082557	An exact turbulence theory for the Burgers equation	1968
19680082559	Theory of velocity profile measurement with the double wedge technique, part 3B	1968
19680082564	Advanced Engine Aerospike Experimental program, volume 1 /U/ Interim summary report, 1 Jul. 1967 - 31 May 1968	1968
19680082575	Improved Lunar cargo and personnel delivery system. Volume 3B - Conceptual design supplement /U/ Final report	1968
19680082576	Installed performance characteristics of a blow-in-door ejector nozzle with terminal fairings /U/	1968
19680082581	Miniature turbo-expander for a closed cycle helium refrigerator Final report, Aug. 1966 - Dec. 1967	1968
19680082582	Materials screening tests for the re-entry systems environmental protection program task 2, phases 4, 5, and 6 Final report, 7 Aug. 1967 - 29 Feb. 1968	1968
19680082583	Free-radical reproduction material for tactical applications Final report, 15 Dec. 1966 - 15 Dec. 1967	1968
19680082584	Study and design optimization of a water electrolysis system	1968
19680082585	X22A research aircraft ejection seat - Test results	1968
19680082586	Mechanical-property data AFC-260 stainless steel	1968
19680082588	High power VLF horizontal dipole transmitting antenna	1968
19680082589	SPAROAIR 3, a high-performance air-launched sounding rocket	1968
19680082590	The notch-bend strength of titanium, aluminum, and copper-base alloys in heavy sections	1968
19680082591	SCEPTRE support. Volume 2 - SCEPTRE maintenance and applications Technical report, Mar. 1967 - Jan. 1968	1968
19680082592	Investigation and resolution of J-2 engine system malfunctions during flight of AS-502	1968
19680082593	The effect of temperature and pH on the rate of reaction of carbon monoxide and oxygen with red blood cells in normal and anemic subjects, and the effect of hypoxia on pulmonary diffusion of CO in normal and anemic subjects	1968
19680082594	Development of fatigue data for several alloys for use in aerospace design Progress report, Jan. - Apr. 1968	1968
19680082595	Fifty ampere turn-off switch Quarterly progress report, 15 Feb. - 15 May 1968	1968
19680082596	On the conversion of formaldehyde to carbohydrates	1968
19680082597	Plans for a shock testing equipment layout	1968
19680082598	Utilization of cytosine and uracil by Hydrogenomonas facilis and Hydrogenomonas H 16	1968
19680082599	Phenomenological theory of crystallization on surfaces. 1.	1968
19680082600	Translations on French nuclear, missile, space, and related military developments no. 147	1968
19680082601	Solid state image intensifier panels Quarterly progress letter report, 1 Feb. - 30 Apr. 1968	1968
19680082603	Kelvin wake optical filter synthesis	1968
19680082604	Studies on the albedo of the sea surface	1968
19680082605	Laser velocimeter development program Final report	1968
19680082606	In-flight failure modes of Surveyor spacecraft	1968
19680082607	Radiative energy transfer on entry into Mars and Venus Quarterly report	1968
19680082608	Precise tactical navigation techniques for synchronization Final supplementary report	1968
19680082609	Development and study of an electrical analog ear Final report, May 1966 - Feb. 1968	1968
19680082612	Investigation of infrared-to-visible conversion in graded-band-gap materials Quarterly progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680082613	Research on electron-photon interaction phenomena Quarterly progress report, 3 Mar. - 2 Jun. 1968	1968
19680082614	Product support program for the T76-G-10 and -12 engines	1968
19680082615	Oak Ridge National Laboratory status and progress report, May 1967	1968
19680082616	On the stability of parallel edge cracks	1968
19680082617	The application of electromagnetic forming processes and techniques to ordnance items	1968
19680082618	Test loads and analysis service life extension program for A-3B airplane	1968
19680082619	Formation of alkali iron sulfates and other compounds causing corrosion in boilers and gas turbines Summary report, 1 Jan. - 30 Jun. 1968	1968
19680082620	Absorption of carbon dioxide on carbonic anhydrase containing substrates Final report, Jan. - Jul. 1967	1968
19680082621	Radar clutter in an air defense system. Part 1 - Clutter physics	1968
19680082623	Advanced experimental thrust chamber program /phases 3 and 4/ Final report, 1 Jan. - 31 Oct. 1967	1968
19680082624	Development of a buried-gate power field effect transistor Interim engineering report, 11 Apr. - 10 Jul. 1967	1968
19680082628	Constellation study for satellite navigation with passive ranging Final report	1968
19680082629	Ground investigations of flight experiments on primates in long duration zero-G Quarterly status report	1968
19680082630	A gyrocompassing spacecraft navigator	1968
19680082631	Research on electron-photon interaction phenomena Quarterly progress letter report, 3 Dec. 1967 - 2 Mar. 1968	1968
19680082632	Investigations of infrared-to-visible conversion in graded-band-gap materials Quarterly progress report, 1 Feb. - 30 Apr. 1968	1968
19680082633	Optical effects underlying the analytical infrared spectra of solid materials	1968
19680082634	The cyclope infrared reconnaissance equipment	1968
19680082635	Reflection of spherical waves at weak interfaces	1968
19680082636	VHF and UHF transistor transient investigation Quarterly progress report, 28 Dec. 1967 - 28 Mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082640	Continuously variable room temperature X-band delay line Technical report, 1 Sep. 1966 - 30 Jan. 1968	1968
19680082641	Electromagnetic coupling reduction techniques Final report, 15 Nov. 1965 - 14 Mar. 1968	1968
19680082642	Engineering data on newly developed structural materials Final summary report, 15 Apr. 1965 - 15 Mar. 1967	1968
19680082643	Translations on French nuclear, missile, space, and related military developments, number 149	1968
19680082644	Long term performance capabilities of hydraulic fluids	1968
19680082645	Manufacturing technique for low-temperature silicon deposition Interim engineering report, 1 Feb. - 30 Apr. 1968	1968
19680082646	Quasi-static fields of dipole antennas below the earth's surface	1968
19680082647	Development of low temperature gas generator technology Final report, 9 Jan. 1967 - 4 Mar. 1968	1968
19680082648	Techniques for integrating solid-state circuitry into antennas Interim technical report, 1-31 May 1968	1968
19680082649	Daily and monthly Northern Hemisphere 30-millibar-synoptic weather maps of the year 1967. Part 1 - January - March Quarterly technical status report	1968
19680082650	Improvement of interlaminar shear strength of plastic composites by vapor deposition of graded polymeric coatings on filamentary reinforcements Quarterly technical progress report, 15 Dec. 1967 - 15 Mar. 1968	1968
19680082651	Feasibility test of side looking airborne radar in the overwater search and rescue mission Final report	1968
19680082654	Research and development programs Quarterly report, Apr. - Jun. 1968	1968
19680082655	On the use of experimental and computational techniques in analyzing the performance of scanned arrays	1968
19680082656	Bone mineral and body composition Progress report, 15 Jul. 1967 - 15 Jul. 1968	1968
19680082658	Development of manufacturing methods, process controls, and computer program for fabricating weldable multilayer printed circuit boards Interim report, 4 Jan. - 4 Apr. 1968	1968
19680082659	Solid state image intensifier panels Quarterly progress letter report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680082661	Multiple Airborne Reconnaissance Sensor Assessment Model /MARSAM 2/. Part 1 - Description and summary Final report	1968
19680082662	Multiple Airborne Reconnaissance Sensor Assessment Model /MARSAM 2/. Part 2 - Sensor systems analysis Final report	1968
19680082663	Wave parameters measured at the Montana LASA	1968
19680082664	Process development for improved high-strength superalloy sheet Interim engineering progress report, 1 Sep. 1967 - 31 May 1968	1968
19680082665	Technical evaluation of IFF defruiters Final report	1968
19680082666	Dual mode radar feasibility program. Volume 2 - Addendum 1, DMRFSS packaging study Final report	1968
19680082667	Use of adhesives to seal cloth bags for extended immersion in Freon	1968
19680082668	A 94 GHz ICEM coaxial magnetron Interim report, 22 Dec. 1967 - 21 May 1968	1968
19680082669	Icebreaker design and construction. Volume 18. Fatigue of metals. Library search for Russian and German literature	1968
19680082670	Omega propagation correction technique study	1968
19680082671	Engineering study for electrical hull interaction Final report, 2 Jan. 1965 - 31 Jan. 1966	1968
19680082672	Fluid state pressure sensor Final report, 19 Dec. 1966 - 1 Oct. 1967	1968
19680082673	Improvement of bombs and pulse guns as combustion stability rating devices Final report, 1 Mar. 1967 - 1 Mar. 1968	1968
19680082674	Icebreaker design and construction. Volume 1. Arctic research. Library search for Russian and German literature	1968
19680082675	Combustion mechanism of high burning rate solid propellants Quarterly technical report, 1 Mar. - 31 May 1968	1968
19680082676	An analysis of a technique for the generation of high resolution wavenumber spectra	1968
19680082677	Study of helicopter gear lubrication Quarterly progress report, Dec. 1967 - Feb. 1968	1968
19680082678	A technique for deriving vertical ionospheric profiles from oblique soundings Final report	1968
19680082679	Surface effects on transistors radiation susceptibility of high emitter peripheral arc length devices	1968
19680082680	Linear integrated circuits Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680082682	Parametric amplification of hypersounds by the Brillouin effect stimulated in quartz	1968
19680082684	Offset gyro drifts	1968
19680082686	Evaluation of high-temperature resins in asbestos fiber reinforced laminates Final report, 1 Sep. 1966 - 1 Oct. 1967	1968
19680082688	Investigation of the mechanism of stress corrosion of aluminum alloys Final report	1968
19680082689	The periodic technique for testing compact heat exchanger surfaces	1968
19680082690	Field testing of propellants Final report, 1 Mar. 1966 - 15 Mar. 1968	1968
19680082691	Transmitter impedance characteristics for airborne spectrum signature Final report, Apr. 1966 - Jan. 1968	1968
19680082693	Investigation of the generation of long wavelength infrared radiation through the use of laser techniques Final report	1968
19680082694	Stresses in a perforated ribbed cylinder subjected to internal pressure	1968
19680082695	Investigation of a 30,000-rpm turbine-speed hydraulic pump, July 1965 - February 1968	1968
19680082696	Progress report on WHOI contract P017052 OESE and geodyne current meter	1968
19680082697	Ground based raindrop spectrometer 2 Final report	1968
19680082698	Reliable flat cable connector Semiannual report, 1 Apr. - 30 Sep. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082699	Manufacture of jet engine thrust bearings by ausforming Interim engineering report, 15 Feb. - 15 Jun. 1968	1968
19680082700	Development of a medium-power radio-frequency oscillator for the generation of electrodeless discharges Final report	1968
19680082702	Optimum airfoils at moderate supersonic speeds. Part 4 - Maximum lift-to-drag ratio for given enclosed area	1968
19680082703	Research on new techniques in absorption and emission spectroscopy Quarterly progress report	1968
19680082704	Development of a manufacturing process for fabricated diffusion bonded hollow blades Interim engineering progress report, 1 Feb. - 30 May 1968	1968
19680082705	Electrochemical adaptive pattern recognition systems Quarterly technical report, 15 Oct. 1967 - 15 Jan. 1968	1968
19680082707	Ohmic contacts for gallium arsenide devices Research and development report	1968
19680082708	Design, installation, and operation of an aerosol exposure chamber Final report, Jun. 1965 - Nov. 1966	1968
19680082709	A multiple device approach to solid state microwave power generation Final report, 1 Jul. 1965 - 31 Oct. 1967	1968
19680082710	FOCIA night camera - Fiber Optic Coupled Image Amplifier night camera Final report, Mar. 1966 - Dec. 1967	1968
19680082711	Threshold functions as decision criteria in saturation signaling	1968
19680082713	Aerosol-vapor sampling and concentrations studies Quarterly progress report, Jul. - Sep. 1967	1968
19680082714	Fluidic missile control systems development Final report, Mar. 1967 - Apr. 1968	1968
19680082715	Manufacturing processes and techniques for a mass memory	1968
19680082716	Production engineering of ferrite powder by fluid bed technique Quarterly report, Jan. - Mar. 1968	1968
19680082717	Research and development of a high temperature capacitance strain gage Final report, Mar. 1967 - Feb. 1968	1968
19680082718	Multichannel laser illuminator Final technical report, 15 May - 31 Dec. 1967	1968
19680082719	Effects of lubricants on helicopter spur gear fatigue Quarterly progress report, Feb. - May 1968	1968
19680082720	Effect of sulfur in JP-5 fuel on hot corrosion of coated superalloys in marine environment Final summary report, 1 Apr. 1967 - 31 Mar. 1968	1968
19680082722	Production engineering measure on 2N3055 silicon transistor - Volume 1. Technical discussion Final report, 29 Nov. 1965 - 31 Dec. 1967	1968
19680082723	Production engineering measure on 2N3055 silicon transistor. Volume 2 - Process specification manual Final report, 29 Nov. 1965 - 31 Dec. 1967	1968
19680082724	Research to determine the nature of the deleterious interactions of refractory materials with high temperature air species Quarterly report	1968
19680082725	Sabot technology engineering handbook	1968
19680082727	A rocket borne flux gate magnetometer February 1965 - January 1966	1968
19680082728	Study of grinding process as applied to high- strength and thermal-resistant alloys Interim engineering progress report number 6, 1 Jan. - 31 Mar. 1968	1968
19680082729	Phrase - Structure oriented query language. Volume 1 - System description Final report, Jul. 1966 - Dec. 1967	1968
19680082730	A study of the strain-age crack sensitivity of Rene 41, part 2 Final report, 1 Aug. 1966 - 15 Feb. 1968	1968
19680082731	Studies in plasma physics, quantum electronics, radioscience, solid-state electronics, system techniques, and systems theory Quarterly status report, 1 Jan. - 31 Mar. 1968	1968
19680082732	Low light level limitations of silicon junction photodetectors	1968
19680082733	Low drain microwave modular devices for combat surveillance avionics applications Semiannual report, 15 Jun. - 15 Dec. 1967	1968
19680082734	Design equations and curves for cylindrical and spherical hydrophone elements	1968
19680082735	Quartz crystal aging effects	1968
19680082736	Flight demonstration of the Sandpiper rocket target missile test-bed vehicle Final report, 7 Dec. 1967 - 25 Feb. 1968	1968
19680082737	Interferometric holography techniques applicable to sonar transducer investigations	1968
19680082738	Flow processes in a solid propellant combustor during unstable operation	1968
19680082739	A study of laser generated plasmas and their application to high power microwave switching	1968
19680082740	A preliminary study of the use of high velocity ice balls to model raindrop impingement	1968
19680082741	Zinc-air hybrid fuel cells	1968
19680082742	Investigations to understand the deformation and strengthening mechanisms of the solid solution phases of titanium	1968
19680082743	Development of a solid-state X-band power source	1968
19680082744	Solid-cryogen cooler design studies and development of an experimental cooler Final technical report, Jul. 1964 - Sep. 1967	1968
19680082745	Formulas for the elastic properties of fiber-reinforced composites	1968
19680082746	Review of recent developments - Melting and casting	1968
19680082747	Development of a one to two kilowatt alkali metal vapor arc lamp Final technical report, 29 May - 31 Dec. 1967	1968
19680082748	Human discomfort threshold study Final technical report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082751	Determination of interdiffusion coefficients and solubility limits of interstitials in molybdenum and tungsten Final report	1968
19680082754	Thermal evaluation of United States, Royal Canadian, and Norwegian Air Force flight and ground personnel cold weather clothing Final report, Sep. 1966 - Jan. 1967	1968
19680082755	Application of statistical estimation to the determination of ocean current-meter dynamics	1968
19680082756	Research and development study of mobile air conditioner concepts for aircraft ground support	1968
19680082757	Experimental evaluation of type 3 expandable tire Final report, Apr. 1966 - Dec. 1967	1968
19680082758	Radioisotope power devices of the U. S. Navy. Volume 2, number 1 Quarterly operating report, 1 Jan. - 31 Mar. 1968	1968
19680082759	Fluid-excitation criteria for a cylinder oscillating in a steady flow	1968
19680082760	Pressure measurements in the near field of a supersonic two-dimensional wing-jet configuration Interim report	1968
19680082761	Research on new types of antenna systems for the frequency range 2-1300 MHz Final report, 5 Jun. 1966 - 6 Jun. 1967	1968
19680082762	Compilation of tensile and creep rupture data of several Al, Mg, Ti, and steel alloys, and Ni superalloys	1968
19680082763	Propulsion technology	1968
19680082764	On the infrared absorption spectrum of tartaric acid	1968
19680082765	Aircraft maintenance full power run-up requirement for FMF expeditionary airfield Final report	1968
19680082766	Interpersonal perception and psychological adjustment of group members Quarterly report	1968
19680082767	Development of reference radiographs for 5 inch thick steel butt welds Final report	1968
19680082768	A Method of Manufacturing Spark Wire Frames for Flight Digitized Spark Chamber Experiments	1968
19680082769	Microminiature mark X SIF emergency decoder, 1 January 1966 - 1 July 1967	1968
19680082770	Crosslinking effect on physical properties of polymers	1968
19680082771	F/RF 4 Dart tow system limited evaluation	1968
19680082785	Computation of optimal control - Solution of the multipoint boundary value problem	1968
19680082786	Lateral deviation of obliquely propagated HF radio waves	1968
19680082788	The development and evaluation of a hydrocarbon binder for high energy solid propellants Quarterly report, 14 Mar. - 13 Jun. 1968	1968
19680082791	Additional notes on cost assumptions for laminar-flow and conventional subsonic transport aircraft	1968
19680082792	Electron wave interaction in solids Interim technical report, 1 Dec. 1967 - 28 Feb. 1968	1968
19680082793	A mathematical model for the circadian periodicity	1968
19680082794	Investigation and quantitative determination of small concentrations of palladium by means of 1-nitroso-2-naphthol and 2-nitroso-1-naphthol	1968
19680082795	Field testing of a wooden instrumentation bunker	1968
19680082797	Broadening of lithium lines by microfields	1968
19680082799	Model E-2A aircraft VGI platform evaluations /primary vertical reference groups/	1968
19680082800	Alkali metal resistant electrical devices Final report, Jun. 1966 - Feb. 1968	1968
19680082801	Bearing deposition test - Reproducibility of deposit ratings between individual evaluators Summary technical report, Mar. 1963 - Aug. 1967	1968
19680082802	Results of AS-502 facilities and environmental measurements, volume 1	1968
19680082803	Temperature sensor development for temperature rate flight control system	1968
19680082804	Aircraft inertial navigation system AN/ASN 86	1968
19680082805	Flow problems concerning hypersonic wave riders	1968
19680082806	High resolution X-ray images of the sun using a grazing incidence telescope from a solar pointing aerobee rocket Final report, Feb. 1967 - Apr. 1968	1968
19680082808	COLEX /CIRC on-line experimentation/ Final report, 1 Oct. 1966 - 31 Oct. 1967	1968
19680082811	Fabrication and evaluation of diffusion bonded laminated sections Interim progress report, 29 Feb. - 31 May 1968	1968
19680082813	Solid state amplification Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680082814	The wall jet beneath an external counter-flowing stream Quarterly status report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680082815	Research toward preparing bulk shapes of beryllium oxide by chemical vapor deposition techniques Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680082817	A manufacturing process for small diameter bar and extruded shapes of TD nickel-chromium Final report, 1 Jan. 1967 - 1 Feb. 1968	1968
19680082818	Statistical presentation of landing parameters for models E-1B and S-2E aircraft and SH-3A/D helicopter aboard the USS Randolph CVS-15 operating in the North Atlantic - Survey 17 Progress report	1968
19680082819	The thermal properties and behavior of nickel-cadmium and silver-zinc cells and their components	1968
19680082820	Two-degree-of-freedom ball bearing gyro development Technical report, 15 May 1967 - 1 Apr. 1968	1968
19680082821	A basic study of the sliding contacts in rolling bearings Quarterly progress report, 1 Feb. - 1 May 1968	1968
19680082822	Results of simulation tests of IFR flights using a cross pointer indicator for station keeping Final report	1968
19680082823	Ballistic Missile Radiation Analysis Center. Volume 4 - Calculations of atmospheric spectral radiance for slant paths from several altitudes Annual report, 17 Oct. 1966 - 31 Oct. 1967	1968
19680082824	Design and development of integrated semiconductor circuits utilizing field-effect devices Final report, 1 Oct. 1967 - 31 May 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082826	New ablative plastics and composites, their formulation and processing Final summary report, Feb. 1967 - Feb. 1968	1968
19680082827	High temperature resins for structural laminates and adhesives Annual technical report, 1 Dec. 1966 - 30 Nov. 1967	1968
19680082829	DRASTIC 2, January 1965 - May 1966	1968
19680082831	Exploratory development of plasma plated superconducting flux excluder and energy storage systems Technical report, 1 Jul. - 1 Aug. 1965	1968
19680082832	Linear poly perfluoroalkylenetriazines Final report, Feb. 1967 - Feb. 1968	1968
19680082833	Digital magnetic tape units for the Mercury and Deuce computers. Part 3. Logical operation	1968
19680082834	Addendum to reliability test summary report, phase 2 for 2.0 second delay squib switches	1968
19680082836	Apollo/Saturn 5 ground systems evaluation report	1968
19680082837	Vent-free fluorine feed system Final report, 1 Mar. 1967 - 31 Mar. 1968	1968
19680082838	A theory for space-time correlations of a passive scalar in isotropic turbulence	1968
19680082839	A parametric study of swirl inlet particle separators Final report	1968
19680082840	Electron backscatter research Final report, 10 Oct. 1966 - 31 Mar. 1968	1968
19680082842	Potential AAP cluster or Apollo contamination monitor in support of ATM Final report	1968
19680082843	Guidance system operations plan for manned CM earth orbital missions using program SUNDISK, section 4 GNCS operational modes /rev. 2/	1968
19680082844	Detailed test objectives for long tank Delta launch vehicle, spacecraft - Intelsat 3-A	1968
19680082845	Improvement of the properties of dispersion strengthened nickel-chromium alloys Final summary report, 1 Feb. 1967 - 31 Jan. 1968	1968
19680082846	Elimination of low-density inclusions in titanium alloy ingots Interim technical report, 1 Feb. 1967 - 31 May 1968	1968
19680082848	A technique for determining the sensitometric properties of photographic emulsions irradiated by a ruby laser Technical report, Dec. 1967 - Jan. 1968	1968
19680082849	Results of AS-502 facilities and environmental measurements, volume 2	1968
19680082851	Spacecraft industrial area operation and maintenance assignment plan no. 1	1968
19680082854	Effects of radiation on gastro-intestinal function and cyclic turnover of intestinal epithelium Annual status report no. 2, period ending 30 Jun. 1968	1968
19680082855	Project HARP /High Altitude Research Project/, description and status	1968
19680082856	Guidance system operations plan for manned LM earth orbital missions using program SUNDANCE. Section 3 - Digital autopilot	1968
19680082857	Guidance system operations plan for manned CM earth orbital or lunar missions using program COLOSSUS. Section 1 - Prelaunch	1968
19680082860	Investigation of psychrophilic lipid metabolism Final report	1968
19680082861	Feasibility design study for the development of a system of transducers and instrumentation for direct measurement and display of turbine inlet temperature Final report, May 1966 - Sep. 1967	1968
19680082867	A single versus twin engine helicopter troop carrier study, volume 1 /U/ Final report	1968
19680082869	Operational characteristics of GRARR system with OGO-5 /68141/	1968
19680082870	Vehicle assembly building spectrum signatures test report	1968
19680082871	Preliminary evaluation of Atlas-Agena flight performance for Applications Technology Satellite-3 /launched 11-5-67/	1968
19680082872	The case for small satellites	1968
19680082873	Evaluation of high-speed teleprinter equipment Interim report	1968
19680082874	Maintenance communication system, Jacksonville ARTCC Final report	1968
19680082875	Converter for generating binary-digital tapes from pulse-position-modulation telemetry data	1968
19680082877	A study and analysis of an RF feed configuration, focal point and Cassegrain feed system Final report, Feb. 1967 - Feb. 1968	1968
19680082878	Study of rectangular-guide-like structures for millimeter wave transmission Progress report, Jan. 15 - Jul. 30, 1968	1968
19680082879	Proximity effects between superconducting and normal metals Semiannual report	1968
19680082880	Experimental research on the scintillations of the radio-star Cassiopeia-A on 53 MHz using radio interferometric methods Final status report, 15 Mar. 1966 - 31 Jan. 1968	1968
19680082881	The Biosatellite on-line software system 3-day mission	1968
19680082882	Pseudorandom frequency modulation in range-Doppler radar	1968
19680082884	Investigation on an experimental single stage turbine of conservative design. Part 3 - Comparison between test performance and computer predictions using a through flow analysis	1968
19680082893	Protective coatings for refractory metals in rocket engines Interim report, Nov. 25, 1966 - Jan. 13, 1968	1968
19680082895	Electronic parts data EDIT and COMPARE /BHA 0156 and BHA 0157/ Final report	1968
19680082896	Rank electron tubes testing for the C.V.D. Progress report, Nov. 1967 - Apr. 1968	1968
19680082897	A general study of boiling in a swirling flow Progress report, Jan. - Jun. 1968	1968
19680082898	Nimbus-D solar-conversion power supply subsystem Quarterly technical report, 15 Mar. 1968 - 15 Jun. 1968	1968
19680082899	The display on neutron radiography results by direct viewing of a scintillating plate	1968
19680082901	A general analysis of arbitrary non right angled plane frames	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082902	Stable crack propagation in viscoelastic strip	1968
19680082905	LTA-8 test narrative	1968
19680082906	Periodic permanent magnet focusing of tubular electron beams Final report	1968
19680082909	The problem of the interaction of polyfluoroaromatic compounds with nitric acid	1968
19680082910	MIL-STD-826A tests performed on AAI A/E24A-T20 spatial disorientation trainer	1968
19680082911	The effect of the modified Winfield gauge stand on shock wave pressure time records	1968
19680082912	Measurements of forces and moments acting on some slender conical lifting bodies at Mach numbers 3, 4 and 5	1968
19680082913	Preparation of high quality gallium arsenide Technical progress report, 1 Dec. 1967 - 31 May 1968	1968
19680082914	S.E.R.L. Technical Journal, volume 18, no. 1	1968
19680082915	Thermochemistry Working Group, Sixth Meeting Bulletin, volume 1	1968
19680082916	Chemical kinetic information programs - Status in 1968	1968
19680082917	Finite-kinetics calculations in complex chemical systems	1968
19680082918	Bond dissociation energies and chemical bonding in some group 1, 2 and 3 halides	1968
19680082919	Geometry of triatomic molecules from infrared studies of isotopically substituted molecules	1968
19680082920	Thermodynamic evidence for the existence of two lithium fluoride dimers in the gas phase	1968
19680082921	Mass spectrometric and optical spectroscopic studies of high-temperature molecules	1968
19680082922	Studies of high-temperature gaseous products of beryllium combustion	1968
19680082923	Infrared spectra of matrix isolated B/OH/ sub 3 HOBO and /HOBO/ sub 3	1968
19680082924	Association of alkali halide vapors	1968
19680082925	Thermochemistry of ethylenimine and some diamines	1968
19680082926	Summary of recent thermodynamic measurements by calorimetric, transpiration, mass spectrometric, microwave, and infrared techniques	1968
19680082927	Lattice deformation feasibility study - A determination of stored energy in neutron irradiated ammonium perchlorate	1968
19680082928	Algebraic representation of the JANAF thermochemical tables	1968
19680082929	Processing of information with coherent light	1968
19680082930	Software for the Calcomp digital plotter	1968
19680082931	Advanced injector concepts investigation Interim final summary report	1968
19680082932	Advanced injector concepts investigation Interim final report	1968
19680082933	Results of an initial analysis to determine MSFN accuracy in tracking a lunar orbiting vehicle	1968
19680082934	Ac generation system power extraction optimization Final report	1968
19680082935	Mesospheric circulation and noctilucent clouds	1968
19680082936	Phenomenological theory of crystal formation on surfaces, part 2	1968
19680082937	Program design specifications for the HOPE program	1968
19680082940	Rocket propellant in place flowmeter calibration system, propulsion engine test cell /J-3/ Final report, May 1963 - Feb. 1967	1968
19680082941	Engineering description of computer programs for simulation of Apollo coasting flight navigation	1968
19680082942	Real-time program verification of the Apollo mission C reentry guidance equations, addendum 1	1968
19680082943	Apollo CMC/LGC software development plan	1968
19680082944	LM-4 telemetry system performance bit transition density report	1968
19680082945	Rendezvous radar earth orbital flight test	1968
19680082954	Apollo communication systems performance and coverage analysis for mission Apollo 7, revision 1	1968
19680082955	Guidance/targeting analysis and development for Apollo Applications Program Summary report	1968
19680082956	TRW SESL chamber a thermal environment/2TV-1 spacecraft computer program. Volume 2 - Program number HH022A users manual	1968
19680082957	Apollo spacecraft nonmetallic materials requirements	1968
19680082958	Prototype Apollo fire extinguisher Final report	1968
19680082960	Improved angular resolution techniques for phased array	1968
19680082961	Development of a zinc-oxygen battery system for space vehicle application Quarterly report	1968
19680082962	Fuel-time optimal spacecraft reorientation	1968
19680082963	Determination of population inversion and loss in a ruby laser below room temperature 130-260K	1968
19680082964	Investigation of air flow near the exit of a constant area duct	1968
19680082965	Improvement of the GKD method for laminar boundary layers	1968
19680082966	An investigation of the effects of secondary stream turbulation on the thrust augmentation of an ejector-afterburner	1968
19680082967	Approval testing of unicellular plastic foam, type B, manufactured by B.F. Goodrich Co.	1968
19680082968	Ballistic test of rigid polyurethane foam used as a fire suppressant and fuel cell support for the OV-10A aircraft	1968
19680082969	Fixed antenna guidance techniques study /U/ Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680082972	Weight and power analysis of control actuation system designs /SAM-D missile system/ /U/	1968
19680082973	Ranging and velocity experimental equipment /U/	1968
19680082974	Airborne target recognition study /U/ Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680082975	Kinetics of decomposition of solid oxidizers /U/ Final technical report, 1 Jan. - 31 Dec. 1967	1968
19680082976	Advanced rocket engine - Storable /U/ Phase 1 final report, supplement 1, 1 Jul. 1965 - 31 Jan. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680082978	Development program for improving S-1 photocathode sensitivity /U/ Quarterly technical report, 1 Jan. - 31 Mar. 1968	1968
19680082979	Design of liners for extrusion of refractory metals Final report, 15 Jul. 1965 - 31 Dec. 1967	1968
19680082980	Analytical prediction of defects for extrusion through conical dies of varying reductions and die angles Technical report, 1 Nov. 1965 - 30 Nov. 1967	1968
19680082981	Friction and wear of solid materials sliding in ultrahigh vacuum and controlled, gaseous environments Summary report, 1 Mar. 1967 - 29 Feb. 1968	1968
19680082982	Cell communication, a discourse and speculation on a possible role for mathematics in the developing theories of cancerous growth and immune reactions	1968
19680082983	Electronic control of laser beams Final technical report, 1 Apr. 1967 - 31 Mar. 1968	1968
19680082984	Computer simulation of space-charge flows	1968
19680082985	Satellite detection at HF	1968
19680082986	An experimental investigation of a three-dimensional Coanda nozzle	1968
19680082987	Effect of vibrations on free convection from cylinders in liquids	1968
19680082988	Development of CW Ku-band traveling-wave amplifier Final report, 31 Mar. 1966 - 31 Dec. 1967	1968
19680082989	Pinhole leaks in closed water/glycol loop systems Final report, Jun. 7 - Aug. 6, 1968	1968
19680082990	On the adaptive behavior of the human operator in response to a sudden change in the control situation	1968
19680082991	Solar Particle Alert Network /SPAN/, data- transmission system	1968
19680082992	Communications - Introduction to satellite communications	1968
19680082993	Gravimetry	1968
19680082994	A suggestion for the interpolation of astrogeodetically determined deflections of the vertical	1968
19680082996	Twenty-kW compact-arc lamp performance and reliability evaluation Final report, Oct. 1966 - Oct. 1967	1968
19680082997	Anchored Interplanetary Monitoring Platform /AIMP/ integration support Final report, 1 Aug. 1966 - 1 Mar. 1968	1968
19680082998	Study of telescope maintenance and updating in orbit	1968
19680082999	Pyrochemical thermionic heat source investigation Final report, Mar. 1967 - Jan. 1968	1968
19680083000	A mixed finite element method for thin shell analysis	1968
19680083001	Spin axis bearings, phase 6, supplement B	1968
19680083002	Distribution of zeros of solutions of linear differential equations of order four	1968
19680083003	Preliminary design and experimental investigation of the FDL-5A unmanned high L/D spacecraft. Part 5 - Vehicle design /U/ Final report, 1 Jul. 1966 - 31 Mar. 1968	1968
19680083004	Prismatic effect compensation technique /U/ Final report	1968
19680083005	Energetic binder production /U/ Technical report, 1 Mar. 1967 - 1 Apr. 1968	1968
19680083006	Preliminary design and experimental investigation of the FDL-5A unmanned high L/D spacecraft. Part 4 - Aerothermodynamics /U/ Final report, 1 Jul. 1966 - 31 Mar. 1968	1968
19680083007	Evaluation of the infrared filtered searchlight and T-7 driving binoculars /U/ Final report	1968
19680083011	Characterization and evaluation of light metal hydrides /U/ Final report, 15 Oct. 1965 - 31 Dec. 1967	1968
19680083012	Acrylic prepolymer binders containing nitro groups /U/	1968
19680083013	Guidance/targeting analysis and development for Apollo Applications Program	1968
19680083014	Some studies of whistler instability	1968
19680083016	Demonstration of a high-thrust hybrid thrust chamber assembly. Part 2 - Computer manual Final report, 1 Jun. 1966 - 31 May 1967	1968
19680083017	Rat Scat radar cross section measurements of O19-1, Apollo command and service module Final report	1968
19680083018	Research and development of microwave tubes and devices Quarterly report, 1 Sep. - 30 Nov. 1967	1968
19680083019	Natural vibrations of a circular orthotropic plate with a linearly variable thickness	1968
19680083020	Reciprocal phase shifters for inertialess scanning Final report, 15 Apr. 1965 - 14 Jan. 1968	1968
19680083021	The mechanics of fracture in viscoelastic media Progress report, 15 Apr. - 15 Aug. 1968	1968
19680083022	Motion cues in man-vehicle control	1968
19680083023	Temperature distribution in flat plate boundary layer flow with constant wall heat flux and coupled radiation and convection	1968
19680083024	VHF filter crystal research Quarterly report, 16 Oct. 1967 - 15 Jan. 1968	1968
19680083025	Oscillation and distribution of zeros of solutions to nth order linear differential equations	1968
19680083026	Low-level critical air turbulence Monthly technical progress report, 6 Dec. 1967 - 5 Jan. 1968	1968
19680083027	Time relations and shape variation for the ground track of 24-hour satellite	1968
19680083028	Self-absorption in an argon plasma	1968
19680083029	A theoretical investigation of bounded plasmas	1968
19680083030	Investigation of heat transfer from a heated blunt body in two-phase air-water spray flow	1968
19680083031	Implementation plan load matrix computer program TRW program no. HE007A. Computer - Univac 1108. Programming language - FORTRAN 5	1968
19680083033	A comparison of synoptic temperature depth observations in the tongue of the ocean, Bahamas	1968
19680083034	Advanced methods to test thin gage materials Final report, 1 Aug. 1966 - 31 Oct. 1967	1968
19680083035	Manufacturing methods for high temperature coating of large columbian parts Final technical report, 1 Dec. 1964 - 1 Apr. 1968	1968
19680083036	Multiple-reflective laser detector diode Interim technical report, 1 Mar. - 31 May 1968	1968
19680083038	An investigation of experiments scheduling for AAP missions	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083039	Reliability and quality assurance program plan for procurement of Apollo IRIG	1968
19680083040	Structural analysis of helicopter decks	1968
19680083041	Applications technology satellite Quarterly progress report, 1 Mar. - 31 May 1968	1968
19680083042	Jet fuel decontamination studies Technical report, 15 Jan. - 10 Jun. 1968	1968
19680083043	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680083044	Theoretical optimization of a water-augmented turbofan	1968
19680083045	Infrared detector research Final report	1968
19680083046	Static and cyclic tests of composite aluminum models Final report	1968
19680083048	Apollo fuel cell powerplant incorporating a low temperature matrix cell stack powerplant designation PC8B-1 Final technical report	1968
19680083049	Boresight shift analysis for the Apollo LM and CSM tracking systems and comparisons of CSM test results with analytical results	1968
19680083051	Review of particle waves and deformation in crystalline solids	1968
19680083052	Corrosion of materials in hydrospace. Part 4 - Copper and copper alloys	1968
19680083053	Microstructure studies of polycrystalline refractory oxides Summary report, 15 Apr. 1967 - 24 May 1968	1968
19680083054	The applicability of sudden-death test techniques to the fatigue life of ball bearings Final report	1968
19680083055	JOVIAL program support system. Volume 2. System user's guide Final report	1968
19680083056	Review of recent developments. Fiber reinforced metals	1968
19680083057	Production engineering measure for mechanization of high reliability capacitors Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680083058	Application of numerical inversion of the Laplace transform to the inverse problem in transient heat conduction	1968
19680083059	Fabrication and study of photoconductor tunneling electron emitter Quarterly progress letter report, 8 Oct. 1967 - 31 Jan. 1968	1968
19680083060	Application of geodetic satellite observations in Hungary	1968
19680083061	Digital flight simulation study for the C-141A jet transport. Volume 1. Hardware and software analysis Final report, Aug. 1966 - Jul. 1967	1968
19680083062	An application of the Stokes formula towards determining the world geoid and the earth's center of mass	1968
19680083063	A technique for speeding convergence in solving linear programs	1968
19680083064	Boeing - Air Force inlet distortion program. Upstream engine influence and screen simulation, tests 1 and 2	1968
19680083065	Compendium of structural joints for assembly, field and flight separation on missiles	1968
19680083068	Optical technology program Interim technical report, 1 Jan. - 31 Mar. 1968	1968
19680083069	A high temperature alloy die casting process Interim engineering progress report, 1 Dec. 1967 - 28 Feb. 1968	1968
19680083070	High pressure extrusion development Interim technical engineering report no. 6, 1 Oct. - 31 Dec. 1967	1968
19680083071	Study of the effects produced by asymmetrical nozzle entrance geometries on the downstream supersonic flow	1968
19680083072	Glass fiber manufacturing process development Interim engineering progress report no. 4, Jan. - Mar. 1968	1968
19680083073	High power UV laser Interim technical report, 5 Jun. 1967 - 15 Mar. 1968	1968
19680083074	Research on ultraviolet background measurements Final report, 1 Apr. 1964 - 1 Mar. 1968	1968
19680083075	Performance assessment of the Apollo VHF communication system analysis of multipath geometry	1968
19680083076	The measurement of the magnetic field about a gyro	1968
19680083077	Silver zinc missile power supply Quarterly technical progress report, 1 Oct. 1967 - 1 Jan. 1968	1968
19680083078	Development of a speech amplifier system for protective masks Quarterly progress report, Jan. - Mar. 1968	1968
19680083080	Predicting transistor photocurrent using avalanche theory Final report	1968
19680083081	The effect of polymer additives on friction pressure drop and heat transfer characteristics of fluids under forced convection	1968
19680083092	Influences of the flight environment and propellant additive form on radar interference caused by rocket motor exhausts /U/ Quarterly progress report, 15 Jan. - 15 Apr. 1968	1968
19680083094	Propulsion Development Department review. Part 1 - Propulsion techniques, systems, and analysis, January - March 1968 /U/ Progress report	1968
19680083095	Propulsion Development Department review. Part 2 - Propellants and materials, January - March 1968 /U/ Progress report	1968
19680083099	A single versus twin engine helicopter troop carrier study, volume 2 /U/	1968
19680083101	Improved insulators for rocket motors /U/ Quarterly progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680083102	Review of recent developments. Refractory metals /Cb, Ta, Mo, W/	1968
19680083103	Whisker reinforced metals Final report, May 1967 - May 1968	1968
19680083106	Design of a switching circuit for an automatic level controller	1968
19680083107	Experimental study of tilting-pad thrust bearing Research and development report	1968
19680083108	Approval testing of unicellular plastic foam, type A, manufactured by B. F. Goodrich Co.	1968
19680083109	Examination of J52 and J57 turbine blades for suspected hot corrosion sulfidation	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083110	Circular-array radar antenna - Caramba 1 experimental results Research and development report, Jan. - Dec. 1967	1968
19680083111	Rendezvous and station-keeping optical radar Final report, Apr. 1966 - Jan. 1968	1968
19680083112	Study and simulation program to investigate the mechanization of an aircraft flight control system that employs direct lift. Volume 3 - A direct lift control system for flight test in the F-104 Final report, Mar. 1967 - Feb. 1968	1968
19680083113	Laboratory vision tests of military aircrewmembers. Part 1 - Tests, January 1966 - January 1967	1968
19680083114	Predicted behavior of a 16 element free flooded ring transmitting array /U/	1968
19680083115	Experimental development of inward turning air inlets designed for Mach 4.5 /U/ Summary report	1968
19680083116	Polarization detection sensitivity studies /U/ Quarterly technical report, 15 Sep. - 14 Dec. 1967	1968
19680083117	Particle dynamics in plug and reverse flow nozzles /U/ Quarterly technical progress report, 1 May - 1 Aug. 1966	1968
19680083118	Sensitivity fundamentals /U/ Semiannual technical progress report, 16 Sep. 1967 - 15 Mar. 1968	1968
19680083119	Particle dynamics in plug and reverse flow nozzles /U/ Final summary technical progress, 1 May 1966 - 1 Feb. 1967	1968
19680083123	Improved reconnaissance display techniques elite look. Volume 1 - Technical studies and results /U/ Final technical report, 1 Mar. 1967 - 30 Apr. 1968	1968
19680083124	Study of noise in semiconductor devices Semiannual technical report, 16 Sep. 1967 - 15 Mar. 1968	1968
19680083125	Geosciences and technology bulletin, volume 4, number 4, 1968	1968
19680083126	Processes for precision radial forging of integral turbine wheels Final report, 30 Jun. 1965 - 15 Mar. 1968	1968
19680083127	Titanium panel extrusion development program Interim engineering progress report no. 8, 15 Feb. - 15 May 1968	1968
19680083128	Manufacturing methods for large high temperature sandwich structures Interim engineering progress report, 17 Dec. 1967 - 16 Mar. 1968	1968
19680083129	A production process for large solid motor cases, internal roll extruded Final technical report, 1 Oct. 1965 - 31 Mar. 1968	1968
19680083130	Accuracy of determination of the earth's gravity potential and the expressions derived from it by means of satellite observations. Part 2. Total field	1968
19680083131	Investigations on fictitious GZZ anomalies and the possibility of their elimination	1968
19680083132	Gravimetric work	1968
19680083133	Analytical integration of the satellite orbit perturbations caused by gravity anomalies	1968
19680083134	Gravimetry	1968
19680083136	F/1.5 lens test Final report	1968
19680083138	Approval testing of unicellular plastic foam, type A, manufactured by Arkon Products, Inc., Waterbury, Connecticut	1968
19680083139	Electron ionization cross sections Quarterly technical management report no. 3, Feb. -	1968
19680083140	Gunn effect devices Quarterly report, 15 Dec. 1967 - 15 Mar. 1968	1968
19680083141	The influence of axis curvature on the distributed normal force coefficients of axisymmetric bodies	1968
19680083142	Methodology for design and evaluation of a twin rigid-rotor V/STOL aircraft	1968
19680083143	Accelerated service test and evaluation of the North American Rockwell OV-10A aircraft propulsion system Interim report, 19 Mar. - 30 Apr. 1968	1968
19680083144	Reliability improvement program on X-band high power TWT and transmitter console Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680083145	Communication on the curvature of the vertical	1968
19680083147	Effects of outdoor aging on unstressed, adhesive-bonded, aluminum-to-aluminum lap shear joints, part 1 Two year progress report	1968
19680083148	Technical investigation of false azimuth lock-on in the Tacan navigation system Interim report	1968
19680083150	Launch facilities and operations for large solid motors study. Volume 4. Self-eject launch technique development data supplement /U/ Final report	1968
19680083151	Hydrogen-fluorine engine evaluation /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19680083157	Photoconductive-photoemissive direct view tube /U/ Interim report, 1 Jul. - 31 Dec. 1967	1968
19680083162	Study and fabrication of superinsulated solid cryogen cooler model K-5 /U/	1968
19680083163	Design and development of distance measuring device, phase 3 /U/ Summary report, Mar. 1965 - Dec. 1967	1968
19680083165	Hydrogen-fluorine engine evaluation /U/ Monthly status report	1968
19680083167	Hydrogen-fluorine engine evaluation /U/ Monthly status report	1968
19680083170	Fundamental research on advanced oxidizers - Exploratory radiation chemistry and theoretical studies Final report, Dec. 1962 - Mar. 1968	1968
19680083171	Radio frequency subcarrier, direct detection, intensity modulation, laser communication systems	1968
19680083172	Scattering by randomly varying media with application to radar detection and communications	1968
19680083174	Numerical studies of asymmetric bubble collapse	1968
19680083175	Manufacturing methods for dispersion strengthened copper Interim progress report, 15 Feb. - 15 May 1968	1968
19680083176	Investigation of rotary actuation technique Quarterly technical report, 3 Jan. - 3 Apr. 1968	1968
19680083177	A study of dynamic loads on straight spur gear teeth	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083178	Techniques of sustaining life underwater	1968
19680083179	Practical computing formulas for three-dimensional geodesy	1968
19680083180	Wind tunnel studies of the pressure distribution and the flow field in the wake of the Lockheed C-141A Starlifter jet transport aircraft Final report, Aug. 1966 - Jun. 1967	1968
19680083181	Tantalum system evaluation Interim technical report, 1 Feb. - 1 May 1968	1968
19680083182	Fragmentable nozzle Final report, 12 May 1967 - 12 Feb. 1968	1968
19680083183	Intravenous injection of oxygen - Survey of literature	1968
19680083186	Excited states with collective properties in light nuclei Final report	1968
19680083187	Thermoelectric and thermomagnetic cooling research Technical report, 4 Feb. 1966 - 3 Feb. 1968	1968
19680083188	Finite element analysis for the arbitrary axisymmetric structures Final report	1968
19680083189	Short-pulse coherent Doppler radar measurements of backscatter from hypersonic wakes	1968
19680083190	Transistor, driver stage, silicon, UHF power, 2.5 watts - 500 MHz PEM Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680083191	Study of stabilization of hydrogen atoms at 77 deg K and higher temperatures Final report, 27 Jun. 1966 - 26 Jun. 1968	1968
19680083192	Exponentially decaying pressure pulse moving with constant velocity on the surface of a layered elastic material /superseismic layer subseismic half-space/ Technical report, Jan. - Oct. 1967	1968
19680083194	Development of microphones for high ambient noise operation Quarterly technical report, 1 Oct. - 31 Dec. 1967	1968
19680083196	Phase compatibility studies on nickel-chromium silicon-carbon base alloys. Volume 1 - Constitution of the binary chromium-silicon system	1968
19680083197	High deposition rate gas tungsten ARC /TIG/ welding of high strength steels Final report, 1 Jun. 1965 - 31 Jan. 1968	1968
19680083198	Study of telescope maintenance and updating in orbit Technical report, 8 Nov. 1967 - 31 May 1968	1968
19680083199	Properties of high efficiency laser glass for high energy applications Final report, 18 Apr. 1967 - 18 Apr. 1968	1968
19680083200	M-ary Poisson detection and optical communications Monthly technical report	1968
19680083204	Electrode migration and reaction processes occurring within alkaline zinc batteries Quarterly technical progress report, 1 Mar. - 1 Jun. 1968	1968
19680083205	Research on satellite electrical power conversion systems and circuit protection Semiannual status report	1968
19680083206	LM and CSM S-band antenna tracking studies. Interchangeability study-data acquisition status report	1968
19680083211	Optimization of material composites for consumable meteorological rocket motor cases. Volume 2 - Appendices /U/ Final report, Mar. 1967 - Jan. 1968	1968
19680083214	Impact lethality of long hollow cylinders /U/ Final report, 4 Jan. - 29 Dec. 1967	1968
19680083215	Microwave Radiometric Known Landmark Tracking System /MRKLTS/ /U/ Final technical report, 4 May - 4 Nov. 1967	1968
19680083216	Preliminary design and experimental investigation of the FDL-5A unmanned high L/D spacecraft. Part 1 - Summary /U/ Final summary report, 1 Jul. 1966 - 31 Mar. 1968	1968
19680083217	Preliminary design and experimental investigation of the FDL-5A unmanned high L/D spacecraft. Part 2 - Parametric configuration development and evaluation /U/ Final summary report, 1 Jul. 1966 - 31 Mar. 1968	1968
19680083218	Preliminary design and experimental investigation of the FDL-5A unmanned high L/D spacecraft. Part 3 - Aerodynamics /U/ Final technical report, 1 Jul. 1966 - 31 Mar. 1968	1968
19680083219	Optical filtering by digital computer Interim technical report	1968
19680083220	Improved fabrication methods of jet engine rotors Interim engineering report, 1 Apr. - 30 Jun. 1968	1968
19680083221	High power L-band source Technical report, 1 Sep. 1967 - 29 Feb. 1968	1968
19680083222	A description of modifications extending the applicability of the General Applied Science Laboratories three-dimensional characteristics program	1968
19680083223	An analysis of transmitted signal distortion resulting from antenna to reflecting surface velocity Technical report, Sep. 1966 - Feb. 1967	1968
19680083224	Exploratory development on coupling schemes for plasma amplifiers Final technical report, 1 Aug. 1966 - 1 Dec. 1967	1968
19680083225	Germanium optical mosaic sensors Quarterly report, 1 Feb. - 30 Apr. 1968	1968
19680083226	Germanium optical mosaic sensors Quarterly report, 16 Oct. 1967 - 31 Jan. 1968	1968
19680083227	Low cycle fatigue strength of thick-walled pressure vessels	1968
19680083228	Experimental drag coefficients of transverse cylinders and wire-mesh bodies in rarefied hypersonic flow Final report, Jan. - Mar. 1968	1968
19680083229	Study to obtain design data for reentry ECM antenna systems Final report, 15 Mar. 1967 - 15 Mar. 1968	1968
19680083230	Shells in the shape of a noncircular cylinder	1968
19680083231	Research on methods of obtaining luminescence in ferroelectric materials and study of the temperature dependence on their luminous efficiencies close to the Curie point Quarterly technical report, 1 Jul. - 31 Dec. 1967	1968
19680083233	A simplified procedure for the determination of design point performance of the axial turbine stage	1968
19680083234	A bibliography and study of inertial rotation sensing	1968
19680083235	Consideration of the influence of near topographic masses in determining terrain corrections with application of formulas for numerical integration	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083236	Phase and amplitude measurements on VA 126 serial no. 19	1968
19680083237	Some clarifications in the mathematical theory of electrophoresis	1968
19680083238	Special considerations for combustion instability instrumentation and data representation	1968
19680083239	Stability in nonlinear control systems Research and development report	1968
19680083240	Spectrum Occupancy Analysis System /SOAS/ - A general-purpose system for measurement and analysis of HF noise and interference Research and development report, Nov. 1960 - Nov. 1967	1968
19680083243	Research on a jet flap air-sea craft Final report	1968
19680083244	Feasibility of neutron activation analysis on paper	1968
19680083245	Determination of the spectral coefficients of reflection for friable materials in the 0.7-15 micrometers wavelength range	1968
19680083246	Study and simulation program to investigate the mechanization of an aircraft flight control system that employs direct lift. Volume 2. Pilot-in-the-loop simulation study of direct lift control Final report, Mar. 1967 - Feb. 1968	1968
19680083247	The design and synthesis of linear multivariable systems with applications to state estimation	1968
19680083248	Development of an improved process for the working of welded titanium alloy tubing Interim engineering progress report, 1 Feb. - 30 Apr. 1968	1968
19680083249	Rapid complexometer determination of zirconium-dioxide with aluminum, iron and titanium-oxide operational analysis	1968
19680083251	Radiolysis of solutions of isooctyl and heptyl hydrogen peroxide in hydrocarbons	1968
19680083252	Investigation of power plant inlets	1968
19680083254	Investigation of the stress on flight crews of jet aircraft on long-distance flights	1968
19680083255	An investigation of methods of improving the performance of the Marconi 12-inch image amplifier with high energy X-rays, 1-5 MeV	1968
19680083256	Non-linear viscoelastic behavior of some polymers and their composites	1968
19680083257	Design and development of a beam/plasma interaction apparatus	1968
19680083258	Investigation of the thermodynamic properties of rocket combustion products Final report, 30 Oct. 1967 - 30 Apr. 1968	1968
19680083261	Effects of various rocket jet-plume simulators on the aerodynamic characteristics of a general missile configuration Final report	1968
19680083266	Ausforming of steels by rolling. Part A - Ausrolling process. Part B - Surface condition of ausrolled bar	1968
19680083267	Water emulsion cleaners for use on naval aircraft, proposed methods for evaluation of	1968
19680083269	Effect of geometric variations on performance of a twin-jet blow-in-door ejector nozzle installation /U/	1968
19680083279	An intercomparison of GRARR and TRANET data	1968
19680083280	Sixty-watt liquid hydrazine fuel cell Interim report	1968
19680083283	Development and evaluation of a partially pressure-balanced flexible ball device	1968
19680083284	Dynamic methods for the geodetic application of artificial satellites	1968
19680083285	Determination of the relative position of two earth ellipsoids on the basis of the triangulation	1968
19680083286	Development of microphones for high ambient noise operation Quarterly report, 1 Jul. - 30 Sep. 1967	1968
19680083288	Considerations in the design of cylindrical liquid-filled acoustic lenses	1968
19680083290	Photoelectric eclipse observations of continuum and coronal line emission at the solar limb	1968
19680083291	Noise generation by turbomachines	1968
19680083292	A compilation of computer programs in flight vehicle technology 1964-1967	1968
19680083293	Methods for computing the greatest common divisor and applications in mathematical programming	1968
19680083298	Resonant-region radar and other anticlutter techniques /U/	1968
19680083309	Study of the correlation between gravity anomalies and elevations in the territory of Czechoslovakia	1968
19680083311	Flight proof test report for tilted beam Azusa antenna	1968
19680083312	Test and evaluation of NACA film processor, model CX 3	1968
19680083316	Heat transfer at high pulsating frequencies in a pulse-jet engine	1968
19680083317	Contractor's independent research and development program Quarterly report, Jan. - Mar. 1968	1968
19680083321	Gravity prediction and adjustment computation	1968
19680083322	Preliminary analysis and performance of a fluidic rotary pickoff	1968
19680083324	Aeromagnetic surveying of the iron deposits in central Bosnia	1968
19680083325	Alkalis	1968
19680083326	Iterative techniques for the solution of frequency-domain filter sets large-array signal and noise analysis	1968
19680083327	Optimization of the directivity of a planar, equiangular, spiral antenna	1968
19680083328	Official high-low temperature qualification test of a Pratt and Whitney aircraft TF30-P-3 turbofan engine at sea level static conditions Final report	1968
19680083329	Methods to determine the probability density function of a performance index of flight control systems containing random variable parameters	1968
19680083330	Review of recent developments. Metals joining	1968
19680083331	A method to determine the allowable error of a sensor used to display angle of attack	1968
19680083333	Numerical investigation and utilization of Green's functions	1968
19680083334	Experimental study of highly loaded tilting-pad thrust bearing Research and development report	1968
19680083335	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083339	Study and simulation program to investigate the mechanization of an aircraft flight control system that employs direct lift. Volume 1. Preliminary design of direct lift controls Final report, Mar. - Oct. 1967	1968
19680083340	A double-pulse system for controlling the speed of rotation and supercharging pressure of internal combustion engines with gas turbocharging	1968
19680083341	Behavior study of sapphire wool aluminum and aluminum alloy composites Summary technical report, 1 Jan. 1967 - 1 Feb. 1968	1968
19680083342	Cathodoluminescence of ZnO	1968
19680083343	Measurements of quantities which change in battery performance and analysis	1968
19680083344	Mechanism of air purification Quarterly progress report, Jan. - Mar. 1968	1968
19680083345	An analysis of axial acoustic waves in a cold-flow rocket	1968
19680083349	The evaluation of rust cure as a rust removing compound	1968
19680083350	The evaluation of Formula 409 as a cleaner for T58 engine compressor rotor blades and stator vanes and as a general purpose cleaner	1968
19680083351	Analysis of the earth's magnetic field and its secular changes	1968
19680083352	Composite materials for turbine compressors Final report, 1 Jun. 1966 - 30 Nov. 1967	1968
19680083353	Energy band model for infrared stimulated emission in zinc sulfide single crystals	1968
19680083354	The height correction of gravimeter measurements	1968
19680083357	Statistical presentation of naval aircraft counting accelerometer data Summary report, 1 Jan. 1962 - 1 Jan. 1968	1968
19680083358	An equation for rapid calculation of stagnation point radiative heat transfer, including shock layer radiative cooling and nongray self-absorption Final report	1968
19680083359	A Cranz Schardin system for the photographic study of cavitation bubble collapse	1968
19680083360	Automated procedures for evaluating powered hypersonic vehicles from subsonic through hypersonic speeds. Volume 1 - Prediction techniques. Part 1 - Mission performance, aerodynamics, cycle analysis and engine performance Final report	1968
19680083361	Take-Off and Landing Critical Atmospheric Turbulence /TOLCAT/ analytical investigation Final report, Apr. 1967 - Mar. 1968	1968
19680083362	Trends in usage of tantalum Annual report	1968
19680083363	K band microwave measurement of the dielectric constants of dry air and three constituent gases	1968
19680083364	SNAP fuels and capsule materials. A compendium of USNRDL Laboratory procedures for the study	1968
19680083365	Spark initiation of alkyl nitrate monopropellants	1968
19680083366	Corrosion and corrosion-oxidation tests on petroleum base hydraulic fluid at 275 deg F	1968
19680083367	Airfield pavement evaluation, USNOLF San Nicolas Island, California Final report, Apr. 1967 - Apr. 1968	1968
19680083368	Rigorous procedure for the combination of gravity nets, elevation nets, and astronomic longitude nets	1968
19680083369	The calculation of topographic gravity corrections with the aid of computers	1968
19680083370	Approval testing of unicellular plastic foam, type C, manufactured by B. F. Goodrich Company	1968
19680083371	Virtual mass in stratified fluids	1968
19680083372	J79 GE 10 turbojet engine, dry and wet windmill evaluation	1968
19680083373	Anti-icing tests of a TF30-P-1 turbofan engine at sea level and altitude	1968
19680083375	XFER - A filter characteristic code Technical report, Jun. 1967 - Feb. 1968	1968
19680083376	Meteorological sounding rocket launch report. Sixty-seven vehicles launched between 29 April 1967 and 18 February 1968	1968
19680083378	JOVIAL program support system. Volume 1 - System manual Final report	1968
19680083380	Handbook for predicting semiconductor device performance in neutron radiation Technical report Oct. 1965 - Sep. 1967	1968
19680083381	An evaluation of a portable liquid oxygen contamination detector kit	1968
19680083382	Design and development of miniature 64-channel commutators configuration 1 model 102-197 and configuration 2 model 102-198 Final technical report, 28 Jul. 1967 - 29 Apr. 1968	1968
19680083383	Attitude control and stationkeeping subsystem program Final report, 11 Jul. 1966 - 11 Aug. 1967	1968
19680083385	Heat treatment of a martensitic stainless steel for optimum combinations of strength, toughness, and stress-corrosion resistance	1968
19680083386	On coordinate systems for describing the position of solar atmospheric features	1968
19680083387	Numerically controlled gas tungsten arc welding process development Final technical report, 1 Apr. 1967 - 31 Mar. 1968	1968
19680083389	The foreign technology of solid propellants and their combustion Surveys of foreign and technical literature	1968
19680083390	Study and investigation of a UHF-VHF antenna Final report, 1 Apr. 1966 - 28 Feb. 1968	1968
19680083391	Feasibility study of a simulator for airborne multiple-sensor target acquisition systems	1968
19680083392	Missile transporting, assembly and installation	1968
19680083393	Shocks in porous materials	1968
19680083394	SNAP-21 program, phase 2. Deep sea radioisotope-fueled thermoelectric generator power supply system Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680083396	Pulmonary edema due to high altitude	1968
19680083397	Semi-groups, groups, and Lyapunov stability of partial differential equations	1968
19680083398	On the effects of fiber orientation and nonhomogeneity on buckling and postbuckling equilibrium behavior of fiber-reinforced cylindrical shells under uniform axial compression Technical report, Apr. 1966 - Oct. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083399	Self-focusing antenna arrays Final report, 30 Jun. 1967 - 28 Feb. 1968	1968
19680083400	Motion of a body during water entry. Part 2. Dynamical characteristics of a slender cone entering water at high velocities Engineering research report	1968
19680083401	Air conditioning cycle analysis by thermodynamic property diagrams	1968
19680083402	Research and development of microwave tubes and devices Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680083403	Calculation of turbulent boundary layer characteristics across an oblique shock reflection including the effects of mass bleed	1968
19680083404	The interstellar radiation field at various points in the galactic system	1968
19680083405	The significance of Molodenskiy's theory for geodesy	1968
19680083406	The rehabilitation of classical geodesy and three-dimensional geodesy	1968
19680083407	Nuclear spin-lattice relaxation in single crystals of cadmium sulfide	1968
19680083408	Atlas SLV-3A space launch vehicle flight evaluation report, SLV-3A 5602, 4 March 1968	1968
19680083410	Single crystal silicon ribbon plant line Quarterly interim report, 1 Jan. - 31 Mar. 1968	1968
19680083411	The use of tapered double-cantilevered-beam specimens for fatigue-crack growth studies	1968
19680083412	Aerobee NASA 4.173 UG 25 May 1968 Meteorological data report	1968
19680083413	Aerobee KP 3.24 16 May 1968 Meteorological data report	1968
19680083414	Aerobee NASA 4.230 GS 20 May 1968 Meteorological data report	1968
19680083415	Large-array signal and noise analysis. K-line spectral analysis of LASA short-period summer noise Special scientific report	1968
19680083416	Co-ordinated experimental and theoretical research on the oscillatory airforces for selected planforms at subsonic and supersonic speeds	1968
19680083423	N5 hovercraft seakeeping trials with peripheral jet skirt	1968
19680083424	Automated procedures for evaluating powered hypersonic vehicles from subsonic through hypersonic speeds. Volume 1 - Prediction techniques. Part 2 - Inlet, nozzle, heat transfer, structures, and turbo-accelerator Final report	1968
19680083425	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Feb. - 30 Apr. 1968	1968
19680083426	Effect of inclusions as measured by ultrasonic methods on the mechanical properties of aircraft quality steel Interim progress reports, period ending 30 Apr. 1968	1968
19680083427	User's manual. Volume 2 - Ablation mass loss program /M367/ Research report, Jun. 1966 - Oct. 1967	1968
19680083428	Review of steep-incidence, VLF, multiple-frequency sounding techniques and capabilities	1968
19680083429	Ionosphere measurements with a four-frequency, phase-coherent beacon	1968
19680083430	Reproducibility of spectroradiometric calibrations for glow cinespectrograph	1968
19680083431	Hybrid simulator data management support, task E-74	1968
19680083432	Landmark visibility during lunar descent, volume 1	1968
19680083433	Landmark Visibility During Lunar Descent, Volume 2	1968
19680083434	An experimental determination of two dimensional ribbed wall diffusor performance	1968
19680083435	Deviation nozzle program Final report, Aug. 1967 - Jun. 1968	1968
19680083436	Measurement of the proton form factor at low momentum transfer	1968
19680083437	Scientific work of the Space Physics Laboratory of the Aerospace Corporation	1968
19680083438	An approximate relation between Grueneisen's and elastic constants	1968
19680083439	A study of soft X-ray techniques using electron excited emission spectra	1968
19680083440	Recent advances in the study of Clear-Air Turbulence /CAT/	1968
19680083441	On the gravimetric determination of the exterior gravity field in the immediate vicinity of the earth's topographic surface	1968
19680083442	Hot-film anemometry techniques in liquid mercury	1968
19680083443	Countdown clock	1968
19680083446	Contractor's Independent Research and Development program /IR and D/ Quarterly report, Apr. - Jun. 1968	1968
19680083447	On shells with edge beams	1968
19680083448	Study and development of a fluid-controlled solid rocket motor for space application Quarterly status report, 1 May - 31 Jul. 1968	1968
19680083449	Analysis of reduction in the 1.024 MHz telemetry subcarrier modulation index	1968
19680083450	Bibliography on sonic bangs	1968
19680083451	Quantitative analysis of nucleic acid components by gas-liquid chromatography	1968
19680083453	High energy upper stage rocket motor. Volume 2 - Design analysis and phase 2 program plan Final report	1968
19680083454	Study of the cultivation of hydrogen fixing bacteria	1968
19680083455	Apollo spacecraft systems analysis program. Interim LR reflectivity model	1968
19680083456	RAE-A - Radio Astronomy Explorer pre-launch operation plan	1968
19680083457	Methodologies for analyzing the comparative effectiveness and costs of alternative space plans, volume 2 /technical volume/	1968
19680083458	Methodologies for analyzing the comparative effectiveness and costs of alternative space plans, volume 1 /summary volume/	1968
19680083459	G and C postflight analysis master plan	1968
19680083460	Electron fractography and fatigue crack propagation in 7075-T6 aluminum sheet Interim technical report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083463	A search for gamma-ray line emissions from the Crab nebula	1968
19680083467	Design equations for underwater sound transducers	1968
19680083472	Primate Hemodynamics And Metabolism in an Orbiting Satellite /PHAMOS/ Semiannual status report, 1 Aug. 1967 - 31 Jan. 1968	1968
19680083475	LM-5 parameter sensitivity analysis plan mission F, task E-74	1968
19680083477	Design and performance of a small 8-megawatt arc heater for AFFDL 50-megawatt hypersonic facility	1968
19680083478	Evaluation and utilization of airplane flight loads data. Part 1. Techniques and uncertainties Final report, Aug. 1966 - Oct. 1967	1968
19680083479	Evaluation and utilization of airplane flight loads data. Part 2. Data acquisition equipment performance and accuracy Final report, Aug. 1966 - Oct. 1967	1968
19680083480	Sampling tests of the third set of two, type MS 18045-44, 24-volt, 10 ampere-hour, nickel-cadmium aircraft batteries	1968
19680083481	Radar low angle tracking study	1968
19680083483	Experimental investigations of a hydrogen arc in a magnetic field parallel to the axis, 2	1968
19680083484	Holddown Arm Release Panel, NASA Part Number 75M18516, NASA Control Number 3087-4 Test Report	1968
19680083485	Experimental investigations of a hydrogen arc in an axis-parallel magnetic field, 1	1968
19680083486	Study of the techniques feasible for food synthesis aboard a spacecraft Semiannual status report, 1 Feb. - 31 Jul. 1968	1968
19680083489	Production engineering measures filters, upper sideband /1.75 Mc/ quartz crystal filter type EL-FR/X-1/ Final report, 30 Jun. 1964 - 30 May 1968	1968
19680083490	Honest John missile no. 2936, round no. 572 APL /21 May 1968/ and Honest John missile no. 2904, round no. 573 APL /21 May 1968/ Meteorological data report	1968
19680083491	Production engineering measure for high reliability aluminum electrolytic capacitors Quarterly report, 20 Dec. 1967 - 20 Mar. 1968	1968
19680083492	Liquid hydrogen weigh tank system Final report, Jun. 1967 - Aug. 1968	1968
19680083496	Qualification of specification MIL-L-22851A amendment 2, type 3B dispersant oil, candidate Texaco TL 6021 oil Final report	1968
19680083497	Digital processing receiver study Final report	1968
19680083498	Photochemical synthesis, volume 1	1968
19680083499	Characteristic electron energy losses in zinc oxide by the transmission method	1968
19680083500	The foreign technology of liquid propellants and their combustion Surveys of foreign scientific and technical literature	1968
19680083502	Incremental drag of six standard stores on a generalized wing-body model	1968
19680083504	Spectrum utilization characteristics of UHF transmitter Teledyne model TR 1402/2200	1968
19680083505	Values of geomagnetic elements H, I, Z, and F in Ardeal and Banat for 1960	1968
19680083506	Airborne video tape navigational display	1968
19680083507	Potentiostatic polarization studies of fuel soluble corrosion inhibitors Final report on Foundational Research Project no. 28	1968
19680083508	Flight evaluation of an audio angle of attack system as a maneuvering aid for the F-4 airplane Interim report, 28 Nov. 1967 - 15 Apr. 1968	1968
19680083509	Electrical and thermal analysis of the Ram Air Turbine /RAT/ emergency generator on the F-8C aircraft Final report, 18 Aug. 1967 - 15 Mar. 1968	1968
19680083510	F-111B jet blast deflector/vortex fence tests Final report	1968
19680083511	Design of the White Sands range and range rate system Final report	1968
19680083512	Test methods for the qualitative analysis of solid contamination in aviation fuels Phase report, Jul. 1966 - May 1967	1968
19680083513	Anti-clutter techniques feasibility study Final report, 1 Jul. 1966 - 31 Jul. 1967	1968
19680083514	ECM Measurements LM/1 Mission Simulation /plugs-in/ Test Report	1968
19680083515	Investigation of superconducting interactions Quarterly report, 1 Apr. - 22 Jun. 1968	1968
19680083516	Field assembly procedure hydrogen sensors Launch Complex 39	1968
19680083517	Propulsion technology Surveys of foreign scientific and technical literature	1968
19680083518	Apollo/saturn-205 Design Certification Review Documentation	1968
19680083519	Special optical materials	1968
19680083520	Nike-Apache DRS. NASA 14.335 GT /10 June 1968/. Meteorological data report	1968
19680083521	Production of extruding, drawing, and heat treating processes for thin steel extrusions Interim engineering progress report number 10	1968
19680083522	APCEF analog program of configuration C /TCS 670-2/. APCEF advanced recuperator Final report	1968
19680083523	Equilibrium figures and the normal spheroid of the earth. Mass-functions and isostasy Final technical report, Apr. 1967 - Apr. 1968	1968
19680083524	Performance measurements of two HF operational antennas at Chesapeake Beach, Maryland	1968
19680083525	Mobile timing system equipment Final report, 28 Sep. 1966 - 26 Apr. 1968	1968
19680083526	Parallel plate transmission line for EMP testing - CW characteristics	1968
19680083527	Flying qualities of the F-5A aircraft ECP 725D mixed stores configurations /stability and store jettison/	1968
19680083528	Research on tropical rainfall patterns and associated mesoscale systems Semiannual report, Aug. 1967 - Jun. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083529	Hydrocarbon fuel cell electrodes Progress report, 16 Jul. 1967 - 15 Jan. 1968	1968
19680083530	The drag of circular cylinders mounted on a flat plate in M equals 1.91 flow	1968
19680083531	On network analysis	1968
19680083532	Photochemical synthesis. Volume 2 - Literature survey Final technical report, 1 Apr. 1965 - 31 Mar. 1968	1968
19680083533	Telemetry development and test program Quarterly report, Apr. - Jun. 1968	1968
19680083534	Reliability studies for advanced integrated circuits engineering change "A" Final report, 3 Jan. 1967 - 3 Jan. 1968	1968
19680083535	Operation Henre Program 3 - Neutron field and induced activity studies	1968
19680083536	Quality surveillance of JATO unit Mark 7 /5 KS 4500/	1968
19680083537	Millimeter waveguide ferrite components /94 GHz/ Final technical report	1968
19680083539	Improved filament spacing in high performance composites Final technical report	1968
19680083541	S- and X-band Schottky barrier diode manufacturing methods Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19680083542	Lithium-nickel fluoride secondary battery investigation Final report, 27 Apr. 1966 - 27 Apr. 1968	1968
19680083543	Combustion of solid propellants and low frequency combustion instability Progress report, 1 Apr. - 30 Sep. 1967	1968
19680083544	Lance 06802, missile no. P-37, round no. 59 RPT /20 June 1968/. Meteorological data report	1968
19680083545	Fuel cell reliability assessment Quarterly report, 8 Jan. - 8 Apr. 1968	1968
19680083546	Altitude performance of a Hercules X-259-A6 solid propellant rocket motor tested in a 240 rpm spin mode Final report	1968
19680083548	Large chamber electron beam welding Quarterly progress report, 1 Mar. - 1 Jun. 1968	1968
19680083549	Iterative solution method and a system of time sharing for analog computers	1968
19680083550	An investigation of methods of producing sulfur trioxide in jet exhausts through addition of fuel additives to JP4 Final report, 15 Jul. 1966 - 31 Mar. 1968	1968
19680083551	Study of flash blindness effects using naval aviators Final report	1968
19680083552	The design of supercavitating hydrofoil wings	1968
19680083553	Melt spinning of superalloy Monthly report, 1-31 May 1968	1968
19680083554	Investigation of the performance characteristics of General Electric Company fluidic operational amplifiers Final report	1968
19680083555	Flight test investigation of transonic shock- boundary layer phenomena, volume 1	1968
19680083556	Test facilities handbook	1968
19680083557	Thermally stable elastomers Final report, 8 Mar. 1967 - 8 Mar. 1968	1968
19680083558	Research on anisotropy in polycrystalline dielectric materials Final report, 31 Aug. 1966 - 26 Sep. 1967	1968
19680083559	CWEA-3 sonic engine analyzer field evaluation Final report	1968
19680083560	Satellite Geophysics Project Status report, Oct. - Dec. 1967	1968
19680083561	Quarterly reliability and quality assurance report. Volume 2 - Quality assurance Progress report, Apr. - Jun. 1968	1968
19680083562	Annual Department of Defense 1968 bibliography of logistics studies and related documents Quarterly supplement no. 2	1968
19680083563	Research and development on a non-scanning microwave spectrum analyzer Quarterly report, 1 Mar. - 31 May 1968	1968
19680083564	Uniaxial stress in silicon and germanium. Volume 1. Sections 1 and 2	1968
19680083565	Catalogue of European large scale weather types	1968
19680083566	Electronic structure of metallic alloys Final technical report, Mar. 1967 - Feb. 1968	1968
19680083567	The quasi-near fields of a finite length horizontal electric antenna located at the earth's surface, part 1	1968
19680083568	Study correlation of aerodynamic parameters with compressor erosion Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19680083569	Determination of principal properties of fiberglass-epoxy laminates for aircraft Quarterly report, 15 Feb. - 15 May 1968	1968
19680083570	The chemistry of detonations. 5. Pressures of C-H-N-O explosives at various stages of the isentropic expansion	1968
19680083571	A Moire optical system for quantitative boundary layer measurements	1968
19680083572	Optoelectronic switch array Quarterly report, 8 Feb. - 8 May 1968	1968
19680083573	Calculation of acoustic fields about arbitrary three-dimensional bodies by a method of surface source distributions based on certain wave number expansions Final technical report	1968
19680083574	Development of 1-kilowatt audio transistor and driver transistor for sonar applications Interim engineering report, 16 Feb. - 15 May 1968	1968
19680083575	Radiation effects on metal-oxide-silicon field-effect transistors	1968
19680083577	Evaluation of the Sunbeam ion thrustmeter Final report	1968
19680083578	Ten watt CW carbon dioxide box laser Interim technical report, 1 Aug. 1967 - 5 Mar. 1968	1968
19680083579	Cesium tube development Interim development report, 19 Dec. 1967 - 19 May 1968	1968
19680083580	A study of the thrust produced by a Coanda nozzle	1968
19680083581	Ground testing of a J52-P-6A engine installed in a Douglas A-4F aircraft	1968
19680083582	Exploratory development leading to high strength high modulus continuous graphite yarns Technical report, 1 Feb. 1967 - 1 Mar. 1968	1968
19680083583	A shock tube study of the ignition limit of boron particles	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083585	Further investigation of possible advantages of utilizing heated rolls for hot rolling metals Final report, 1 May 1967 - 31 May 1968	1968
19680083586	Flight test investigation of transonic shock boundary layer phenomena, volume 2 Final technical report, 5 Oct. 1967 - 15 Jul. 1968	1968
19680083587	Double sideband /DSB/ telemetry study Final report	1968
19680083588	Wind tunnel testing techniques for integrated airframe exhaust nozzle systems Final report, 1 May 1967 - 2 May 1968	1968
19680083589	The influence of nickel on the strength, toughness, and structure of low carbon steels Final report, 1965 - 1967	1968
19680083590	Transient Radiation Analysis by Computer program /TRAC/. Volume 2 - Theory and flow graphs	1968
19680083591	Transient Radiation Analysis by Computer program /TRAC/. Volume 1 - User's guide	1968
19680083592	Integrated K band transceiver Quarterly technical report, 1 Jan. - 31 Mar. 1968	1968
19680083593	Dynamic fully-coupled thermoelastic response of cylindrical shells Final report	1968
19680083594	The lattice parameters of six binary titanium alloys at cryogenic temperatures	1968
19680083595	Composite solid propellant ignition mechanisms Final report, 1 Apr. 1965 - 31 Mar. 1968	1968
19680083596	Depth of penetration of bombarding ions into the sputtered surface Technical report, 2 Nov. 1966 - 2 Mar. 1968	1968
19680083597	Photovoltaic method for the measurement of resistivity in germanium and silicon Final report, Dec. 1966 - Dec. 1967	1968
19680083598	Rocket ozonesonde /RocoZ/ design and development	1968
19680083599	On integer linear programming	1968
19680083600	Eigenvalues and eigenvectors of real and/or complex matrices with close roots /ASC MTR 4/	1968
19680083601	Turbulent diffusion of small particles Quarterly progress report, Mar. - Jun. 1968	1968
19680083602	Propagation of X band acoustic waves in cadmium sulphide at liquid helium temperatures Technical report, 1 Oct. 1962 - 30 Jun. 1968	1968
19680083603	Interstitial sink effects in columbium alloys Technical report, 1 Jun. 1966 - 31 Dec. 1967	1968
19680083604	Atmospheric structure, White Sands Missile Range, New Mexico. Part 3. Upper air data - Apache site	1968
19680083605	Evaluation of two digital control devices on a hydraulic power drive	1968
19680083606	Post IQSY high altitude test vehicle launching report /20 vehicles launched 29 November 1967 through 8 March 1968/ Final report	1968
19680083607	Improved CdTe solar cell and array environmental effects investigation Quarterly technical report, 1 Mar. - 31 May 1968	1968
19680083608	Buckling near a hole in an infinite plate under tension	1968
19680083609	An investigation of the characteristics of swirling flow in a diverging tube	1968
19680083610	Research on materials essential to cryocooler technology Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680083611	A contribution to the design of inlets for lifting engines	1968
19680083612	Long range aerospace manufacturing developments. Volume 3 - Surface conditioning and treatment, non-metallic fabrication, and inspection and evaluation techniques Final report	1968
19680083614	Oxidation-resistant coatings for refractory metals - Review of recent developments	1968
19680083615	Electron beam welding of thick section Interim engineering progress report, 16 Mar. - 15 Jun. 1968	1968
19680083616	An empirical study of ELF and VLF shield conduits	1968
19680083617	Investigation of optical glass technology associated with large diameter or massive optics Final report, 4 May 1965 - 31 Mar. 1968	1968
19680083618	Circular-array radar antenna - CARAMBA 2 experimental results Research and development report, Jul. 1966 - Jan. 1968	1968
19680083619	Airfield pavement evaluation, USNS Adak, Alaska Final report, Jul. 1967 - May 1968	1968
19680083620	Test and evaluation of in-flight escape, survival and protective systems, Scott Aviation Corporation /RSSK-8A/ deployment hand Final report, 30 Mar. - 5 Apr. 1968	1968
19680083621	Long range aerospace manufacturing developments. Volume 2 - Base metal forms, forming, material removal, and joining Final report	1968
19680083622	Long range aerospace manufacturing developments. Volume 1 - Summary, study procedures and discussion Final report	1968
19680083623	Analysis of digital transformation of photographic target signatures	1968
19680083624	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 Feb. - 31 Apr. 1968	1968
19680083625	Chemistry of species in a high intensity electrodeless discharge	1968
19680083626	FN6 automatic drive for EN 22 contact printer	1968
19680083627	Ku band semiconductor T-R device production engineering measures program Quarterly progress report, 27 Jan. - 27 Apr. 1968	1968
19680083628	Interference reduction techniques study Quarterly report, 1 Jan. - 1 Apr. 1968	1968
19680083629	Digital data simulator SM-511/ASW Final engineering report, 1 Nov. 1966 - 1 Dec. 1967	1968
19680083630	Some generalized equations for methods of potential field representation	1968
19680083631	The structure of free turbulent jets and mixing layers Technical report, Jun. 1967 - Feb. 1968	1968
19680083632	Development of continuous filament reinforced metal tape Technical report, 15 Jun. 1966 - 14 Aug. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083633	Analytical and experimental investigations of oscillations in rocket motor baffle cavities Final summary report	1968
19680083634	Hardiman 1 prototype project Special technical report	1968
19680083635	The evaluation of aerospace materials Summary report, 1 Jan. - 31 Dec. 1967	1968
19680083636	Qualification of the 150 gallon WRM pylon tank for carriage and jettison from the F-5A/B airplane /CAN 863-1R1 and CAN 1128/	1968
19680083637	Research on whisker reinforced metal composites Final report, Apr. 1967 - Apr. 1968	1968
19680083638	Meteorological satellite ground receiving system Interim report	1968
19680083639	VTOL transition dynamics and equations of motion with application to the X-22A Final report	1968
19680083640	On-site digital sampling system Final report	1968
19680083641	Aerial photographic energy model Final technical report, Mar. 1967 - Jun. 1968	1968
19680083642	Closed die aluminum forgings with improved stress corrosion properties Interim engineering progress report, 1 Mar. - 31 May 1968	1968
19680083644	A comparison of geopotential vs. wind input for a diagnostic numerical model	1968
19680083646	Magnetohydrodynamic flow in pipes-study of pressure-head losses	1968
19680083647	Spectrum utilization characteristics of FM telemetry transmitter vector model T-1127	1968
19680083648	Technical investigation of false azimuth lock-on in the Tacan navigation system Interim report	1968
19680083650	Hardiman 1 prototype project Special interim study	1968
19680083651	Design, fabrication and testing of an airplane wheel drive motor Final report, 13 Jun. 1967 - 27 Mar. 1968	1968
19680083652	Minimum time Earth/Mars trajectory for a solar sail	1968
19680083653	Evaluation of nondestructive testing techniques of diffusion coatings Final report, Apr. 1966 - Jul. 1967	1968
19680083655	Laplace transform analysis of an inductive surge circuit	1968
19680083656	Analysis of the relative motion of the PEM mod-4 tethered canister and the Atlas booster	1968
19680083657	Development of cooling device Interim development report, 23 Feb. - 14 Jun. 1968	1968
19680083658	A DDC bibliography on F-111 aircraft, volume 1	1968
19680083659	PERT models of reconnaissance tasks	1968
19680083660	Hi resolution-low light level television and illuminator Illuminator feasibility study report	1968
19680083661	Spectral properties of passively Q-spoiled lasers Semiannual technical summary report, 1 Oct. 1965 - 30 Jun. 1968	1968
19680083662	Signal extraction using real-time adaptation of a linear multichannel filter	1968
19680083663	Analysis of lateral turbulence data Technical report, 17 Apr. 1967 - 16 Apr. 1968	1968
19680083664	Nucleate and film boiling of water at atmospheric pressure in the vicinity of the critical point	1968
19680083666	Aerobee NASA 4.134 DS /8 June 1968/ and Aerobee NASA 4.263 CS /8 June 1968/ Meteorological data report	1968
19680083667	Ventilating garment - CMU-7/P Final report	1968
19680083668	Synthesis and evaluation of curing agents Interim technical report, 4 Mar. - 31 May 1968	1968
19680083670	Production engineering measure for filters, quartz crystal, 112 Mc., type EL-FR/X-2/ and crystal unit, filter, quartz, types CR/XM-64//U and CR/XM-65//U Final report, 30 Oct. 1964 - 30 Jun. 1968	1968
19680083671	Microminiature crystal type CR/XM-47//U. Production engineering measure Final report	1968
19680083672	Test reports. NRA special engineering test numbers FM 111 through 119 Final report	1968
19680083673	Production of dry process divalent silver oxide electrodes by continuous rolling Quarterly report, Nov. 1967 - Feb. 1968	1968
19680083674	Production engineering measure on 1-watt, 2-gigahertz silicon transistor Quarterly progress report, 26 Jan. - 26 Apr. 1968	1968
19680083675	The calculation of photon transport in slab geometries by a method of direct integration	1968
19680083676	Single blow transient testing of matrix-type heat exchanger surfaces at low values of NTU	1968
19680083677	AN/FYQ-40 CD-SAGE Final test report	1968
19680083678	Experimental performance of two segmented wall magnetohydrodynamic electric power generators using solid-fueled combustors Final report, 12 Jul. - 8 Sep. 1967	1968
19680083679	Shaft angle laser encoder Final report, 16 Jun. 1965 - 1 May 1968	1968
19680083680	Solid state ultraviolet photodetectors Final report, 16 Jan. 1967 - 15 Jan. 1968	1968
19680083681	Load factor data for F-5A and F-105D aircraft in weapon passes Final report	1968
19680083682	Solution of deterministic optimization problems by quadratic equivalence	1968
19680083683	Edge restraint rolling of difficult to work materials Final report, 16 Jul. 1966 - 15 Dec. 1967	1968
19680083684	Magneto-acoustic resonance phenomena for device applications Final report, Oct. 1964 - Aug. 1967	1968
19680083685	Development of improved cutting tool materials Interim engineering progress report, 16 Mar. 1967 - 15 Jun. 1968	1968
19680083688	Infrared absorption spectra of atmospheric dust	1968
19680083689	Stress-corrosion cracking susceptibility study on M72 law Final report, 30 May 1967 - 30 Apr. 1968	1968
19680083690	Investigation of new concepts and linear beam techniques for microwave generation	1968
19680083691	Efficient testing of combinational logic cells in large-scale arrays	1968
19680083692	Review of recent developments. Metals joining	1968
19680083693	Background effects on optical detector sensitivity	1968
19680083694	Silicon carbide whisker reinforced aluminum composites	1968
19680083695	Application of model reference parameter-perturbation self-adaptive control to a flight control system	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083696	Imaging p-n junction photocathode Interim technical report, Feb. 1967 - Apr. 1968	1968
19680083697	Honest John Missile no. 1841, round no. 574 RML, 26 June 1968	1968
19680083698	Manufacturing technology for polybenzimidazole resin in composite structures Interim engineering progress report, 15 Mar. - 15 Jun. 1968	1968
19680083699	Manufacturing methods for aircraft tires made by filament-winding techniques Interim engineering progress report, 1 Apr. - 30 Jun. 1968	1968
19680083700	Lateral jet control effectiveness prediction for axisymmetric missile configurations, phase 1 Final report, 5 May 1967 - 4 May 1968	1968
19680083701	Long life stable zinc electrodes for alkaline secondary battery Quarterly report, 1 Sep. - 30 Nov. 1967	1968
19680083702	Point deformation rolling mill Final report, 1 Jul. 1964 - 31 Dec. 1967	1968
19680083703	RF defocusing of a self focused beam in a beam-generated plasma	1968
19680083704	Advanced air to surface missile computer. Volume 1 - The computer Final report, 1 Sep. - 31 Dec. 1967	1968
19680083705	Research on hydrazine decomposition Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19680083706	Survey of the Instrument Calibration Laboratory of the Engineering Measurement Division, Edwards Air Force Base, California	1968
19680083707	Rocket sled blast simulation feasibility study. Volume 5 - Instrumentation development Technical report, Apr. 1964 - Sep. 1967	1968
19680083708	Plastic deformation of structures. 2 - Plastic deformation of rings	1968
19680083711	Development of a hazardous vapor detection system for advanced aircraft Technical supplementary report, 1 Sep. 1967 - 31 Mar. 1968	1968
19680083712	Alternatives for achieving a large panel display capability within AFICCS	1968
19680083713	Development of a program for calculating viscous supersonic flow over blunted cones Final report, Jul. 1966 - Jul. 1967	1968
19680083714	The electrophoretic deposition process Interim report, 1 Oct. 1967 - 24 Jan. 1968	1968
19680083715	Investigation of uncooled leading-edge effect on cooled wall hypersonic boundary-layer transition Final report, Sep. 1966 - Jan. 1967	1968
19680083717	A cross-correlation computer program for correlating pairs of random signals	1968
19680083718	Determination of the inclination of the quasi- geocentric coordinate system with the aid of artificial earth satellites	1968
19680083720	Measurement of complex permittivity Quarterly report	1968
19680083721	An investigation of three dimensionality in holographic interferometry	1968
19680083723	Quantitative microanalysis of amino acids in proteins	1968
19680083724	Data report of a 1/7 scale F-5 model low speed wind tunnel test. Investigation of the jettison separation characteristics of the WRM 150 gallon tank from the centerline pylon	1968
19680083725	Microwave solid state device studies Quarterly progress report, 1 Dec. 1967 - 1 Mar. 1968	1968
19680083727	Development of carbon-filament-reinforced metals Final report, 1 May 1967 - 30 Apr. 1968	1968
19680083729	High pressure extrusion development Interim technical engineering report, 1 Apr. - 30 Jun. 1968	1968
19680083730	Development of die materials for hot extrusion of steel and refractory metals Interim technical engineering report, 1 Apr. - 30 Jun. 1968	1968
19680083731	Development of a manufacturing process for producing high-quality electrical strip from ultrahigh purity aluminum for magnet applications Interim engineering progress report number 5	1968
19680083732	Investigation of graphite filament reinforced epoxies Final report, 9 May 1967 - 9 May 1968	1968
19680083733	Comparison of analysis and experiment for solid propellant combustion instability	1968
19680083734	Magnetic domain walls of the orthoferrites	1968
19680083735	Determination of thickness and composition of thin films by the method of X-ray fluorescence	1968
19680083736	Development of a buried-gate power field- effect transistor Interim report, 11 Jul. - 10 Oct. 1967	1968
19680083737	Cathodochromic projection CRT Quarterly report, 13 Feb. - 12 May 1968	1968
19680083738	Metallurgical analysis of failure of a J52 engine oil filter cover bolt from a P6A aircraft	1968
19680083739	Development of convex face draw die Interim engineering report number 5, 1 Apr. - 30 Jun. 1968	1968
19680083741	Two-dimensional transient heating and surface thermochemistry computer program, volume 1 Interim technical report, 1 Jan. - 15 Jun. 1968	1968
19680083742	Research on new concepts in energy conversion Quarterly technical progress report, 1 Dec. 1967 - 31 May 1968	1968
19680083744	An experimental facility for research on air-augmented rockets Final report	1968
19680083745	Electro-optical image processing with an image storage tube Final report	1968
19680083746	Production engineering measure for improved reliability of solid tantalum capacitors Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680083747	Flow field survey of a typical missile configuration with a forward-mounted control jet nozzle	1968
19680083748	Fuel cell fuel studies Interim technical report, 10 Jul. 1967 - 9 Jan. 1968	1968
19680083749	Orientation Linkage for a Solar Cell Array /OLSCA/ Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19680083750	The quasi-near fields of a finite length horizontal electric antenna located at the earth's surface, part 2	1968
19680083751	Study of the characteristics of a chopped CO2 laser	1968
19680083752	Application of fiberscopes for remote inspection Final report	1968
19680083753	A further note on the near-field range subsurface to air and air to subsurface propagation	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083754	Design of a filter separator test facility for research on fuels and equipment Technical phase report, 1 Jan. 1966 - 1 May 1967	1968
19680083755	A wind tunnel free-flight data-reduction program for either spinning or non spinning models utilizing data from a single plane	1968
19680083756	Adsorption of carbon dioxide-adsorber configuration and optimization, July 1966 - June 1967	1968
19680083757	Research for hydrothermal growth of single crystals Technical management report no. 3, 16 Apr. - 15 Jul. 1968	1968
19680083758	Laser array techniques Final report, Dec. 1966 - Mar. 1968	1968
19680083759	A modification of the Mercury datum, Fischer 1968	1968
19680083760	Introduction to the content of a general systems science Final report, Apr. 1967 - Jun. 1968	1968
19680083761	Program 624A quarterly reliability and quality assurance report. Volume 1 - Reliability	1968
19680083763	Study of selected gaseous products of beryllium combustion Final report, 10 Oct. 1967 - 20 Jun. 1968	1968
19680083764	A procedure for estimating buffet onset normal force as effected by wing geometry	1968
19680083765	Taclang studies - Tactical instrument landing Final technical report, Jun. 1967 - Jan. 1968	1968
19680083766	Guidance concepts for the tactical instrument landing system /Taclang/ Final report, 15 May - 15 Nov. 1967	1968
19680083767	Tactical instrument landing /Taclang/ system study Final report, 1 Jul. 1967 - 29 Feb. 1968	1968
19680083774	High energy upper stage rocket motor. Volume 3 - Appendices /U/ Final report	1968
19680083775	High energy upper stage rocket motor. Volume 1 - Introduction and preliminary design /U/ Final report	1968
19680083776	Phase 1 study report for the high energy upper stage program, volume 2 /U/	1968
19680083777	Phase 1 study report for the high energy upper stage program, volume 1 /U/	1968
19680083778	Plasma velocity measurements from the Doppler shift of spectral lines with the double wedge technique Final report	1968
19680083779	Investigation of the structure and summary crystallization of Graham glass with the help of infrared spectroscopy	1968
19680083780	Low-dispersion high-power waveguide systems Final report, 1 Jul. - 31 Dec. 1967	1968
19680083781	YJ69-T-6 engine altitude performance evaluation Final technical report	1968
19680083782	Development of quality assurance requirements for planetary spacecraft to be sterilized by heating Mid-program progress report, 19 Sep. 1967 - 19 Mar. 1968	1968
19680083783	The hydrothermal growth of large ruby crystals Final report, 2 Jun. 1965 - 31 Dec. 1966	1968
19680083784	Uniaxial stress in silicon and germanium. Volume 2 - Sections 3-6	1968
19680083785	Study of variation in flow through Strait of Gibraltar	1968
19680083786	Reconnaissance weather planning factors for fair weather systems	1968
19680083787	An experimental investigation of the effects of environmental pressure on the exhaust of a coaxial plasma gun	1968
19680083788	Development of high value resistor technology compatible with thin film integrated circuits Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680083789	Nike-Apache DRS NASA 14.363GT Meteorological data report	1968
19680083790	The interaction of auroral electrons with the atmosphere	1968
19680083791	Measurements of night illumination CFB Galetown - September - November 1967	1968
19680083792	Derivation of mathematical models for the gamma-ray atmospheric density measurement	1968
19680083794	LM - Alignment optical telescope thermal humidity integrity evaluation report	1968
19680083795	Apollo mission simulation utilizing flight software and hardware	1968
19680083796	Reentry test plan for Apollo 7 /Mission C, AS-205, CSM 101/	1968
19680083797	Saturn 1B improvement study - Phase 3 executive summary report	1968
19680083798	Thermal conductivity of multilayer insulation	1968
19680083800	Measurement techniques for the directional spectral intensity of low energy protons Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19680083801	Apollo guidance and navigation. Guidance, navigation, and control block 2 command and service module functional description and operation using flight program SUNDISK	1968
19680083802	Analysis of air for nitrogen oxides	1968
19680083804	Channel correlation analysis for the ATS-E millimeter wave experiment	1968
19680083805	Inertial components reliability and population statistics, 2	1968
19680083807	Inertial components reliability and population statistics	1968
19680083810	Studies in hot atom and radiation chemistry Progress report, 15 Feb. 1967 - 15 Feb. 1968	1968
19680083812	Reactor fuels and materials development programs for Fuels and Materials Branch of USAEC Division of Reactor Development and Technology Quarterly progress report, Jul. - Sep. 1967	1968
19680083813	A hypothetical application of the geometric method of satellite geodesy	1968
19680083814	High sensitivity infrared receiver development, phase 2 Quarterly report, 1 Apr. - 1 Jul. 1968	1968
19680083815	Brain temperatures in unanesthetized chickens	1968
19680083816	Metritzation of topological spaces	1968
19680083817	Computer I/O tape compatibility characteristics	1968
19680083819	LES motor cooling and egress spray elements service structure and umbilical tower spray/fogging Firex subsystems at Launch Complex 34, Cape Kennedy, AFETR, Florida Final test report	1968
19680083822	Derivation of the quantum theory from a classical, causally determined model	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083823	Kennedy Space Center, Apollo/Saturn-503, design certification review documentation	1968
19680083824	Error bound on a specific design technique for nonlinear and/or time varying control systems	1968
19680083825	Analytical and experimental development program for inflatable solar shields Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680083828	Particulate and biological matter challenge system for validation of sterility within a sterile assembly system Final report	1968
19680083829	Dynamics of an elastic space vehicle. Volume 1 - Large flexible systems Annual report	1968
19680083830	Contrast sensitivity in instrumental vision	1968
19680083831	Research on electromagnetics for Project Defender Semiannual technical report, period ending 31 Mar. 1968	1968
19680083832	Foundational research projects Quarterly report, Jan. - Mar. 1968	1968
19680083833	Ferromagnetic research - Ultrasonic waves in thin films	1968
19680083834	Plasma physics - Length of fragments produced by a detonating explosive ring	1968
19680083835	Plasma physics - Time-dependent critical damping of a pulsed magnetic field	1968
19680083836	Solid state spectroscopy - Lattice vibrations and infrared dielectric dispersion of lanthanum trifluoride	1968
19680083837	Stored program concept for analog computer Final report	1968
19680083838	E. O. Hulburt Center for Space Research Annual report, fiscal year 1968	1968
19680083839	A study of the stability of certain classes of systems operating with random parameters Final report	1968
19680083840	Isotope shift of odd-even of Sm and Nd isotopes	1968
19680083841	Propagation and dispersion of hydromagnetic and ion cyclotron waves in plasmas immersed in magnetic fields Semiannual status report, 15 Jan. - 14 Jul. 1968	1968
19680083842	Safe operating area determination for prevention of second breakdown /manufacturer A/ Test report	1968
19680083843	Dynamics of an elastic space vehicle. Volume 5 - Stability of nonlinear attitude control systems, including particularly effect of large deflection of space vehicle	1968
19680083844	Dynamics of an elastic space vehicle. Volume 2 - Environmental pressures on satellites Annual report	1968
19680083845	Dynamics of an elastic space vehicle. Volume 3 - Cable dynamics, analytical investigation Annual report	1968
19680083846	Silicon power transistor type 2N697 - Safe operating area determination for prevention of second breakdown /manufacturers E and G/	1968
19680083847	Silicon power transistor S2N2034A - Safe operating area determination for prevention of second breakdown /manufacturer H/	1968
19680083848	Dynamics of an elastic space vehicle. Volume 4 - Inflatable structures Annual report	1968
19680083849	Improved Delta Pioneer-D nominal DTO trajectory radar parameters and covariance matrix for block 2A /1-22 November 1968/ and block 3 /27 November - 22 December 1968/	1968
19680083850	Study and investigation of X-Y cross grid display Final report	1968
19680083851	Determination of aging effects on E-107 propellant	1968
19680083852	Analysis of flow characteristics in fleuric devices Final report	1968
19680083853	Spiral flow in a porous pipe	1968
19680083854	Properties of photodetectors /photodetector series, 76th report/	1968
19680083855	Simultaneous estimation of the state and noise statistics in linear dynamical systems	1968
19680083858	Geodetic satellites	1968
19680083859	Non-equilibrium properties of magnetoplasmas Semiannual status report, May 1 - Aug. 31, 1968	1968
19680083860	Report on the physiology and metabolism of Hydrogenomonas eutropha, March 1 - August 31, 1968	1968
19680083861	Torque testing section of miniature bearing friction study Final report	1968
19680083866	Application of nitrogen metabolism in autotrophic bacteria to chemosynthetic bioregeneration in space missions Semiannual progress report	1968
19680083867	A study of high-frequency discharge in argon at atmospheric pressure by calorimetric methods	1968
19680083872	Analysis of base heating data from solid strap-on tests. Volume 1 - Summary	1968
19680083874	Apollo service propulsion system injector cold flow test Final report	1968
19680083875	Optimal control for information maximization in least-square parameter estimation	1968
19680083876	LM descent/ascent S-band communications survey, January - June 1970	1968
19680083880	Programmers manual - Load matrix computer program - Program HE007A	1968
19680083881	Numerical model representing the geometrical shielding of the lunar module	1968
19680083882	Guidance system operations plan for manned CM earth orbital missions using program SUNDISK Section 2 - Data links	1968
19680083883	Man/machine allocation in the Apollo navigation, guidance, and control system	1968
19680083884	Study of the deposition of single crystal silicon, silicon dioxide and silicon nitride on cold-substrate silicon Interim report, 1 May 1967 - 30 Apr. 1968	1968
19680083885	An analysis of TLI GO/NO-GO requirements, procedures and criteria utilizing missions AS-501 and AS-502 data	1968
19680083886	Verification plan load matrix computer program, TRW program no. HE007A	1968
19680083887	Addendum, Apollo communication systems performance and coverage analysis for mission Apollo 7, revision 1, volume 2	1968
19680083894	Apollo mission attitude requirements program version AMAR04 - User's manual	1968
19680083896	Dispersion pattern plot computer program	1968
19680083897	Implementation plan for the LM RCS consumables program	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083898	Real time forward iterator - Interim user's guide	1968
19680083899	Apollo block data program user's manual	1968
19680083900	High-gain low-noise infrared photodetectors Final report, 4 Apr. 1967 - 3 Apr. 1968	1968
19680083901	High-gain low-noise infrared photodetectors	1968
19680083902	Extrinsic IR photoconductivity of Si doped with B, Al, Ga, P, As, or Sb	1968
19680083903	Monolithic silicon mosaics for far-infrared imaging	1968
19680083904	Ground trace computer program	1968
19680083906	Addendum, Apollo communication systems performance and coverage analysis for mission Apollo 7, volume 1, revision 1	1968
19680083907	The Technical Exchange conference	1968
19680083908	Atmospheric influences upon military operations	1968
19680083909	Impact of the aerospace natural environment on Air Force operations	1968
19680083910	The impact of environment upon naval operations	1968
19680083911	Atmospheric observations and related technique development in the Air Force	1968
19680083912	Navy application of METSAT data	1968
19680083913	The automatic meteorological system	1968
19680083914	Present and future status of ESSA satellite program	1968
19680083915	Meteorological research satellites	1968
19680083916	Visibility measurement for aviation use	1968
19680083917	Air Force activities in atmospheric analysis and prognosis	1968
19680083918	Thirty-day forecasts for southeast Asia	1968
19680083919	Meteorological research through analog simulation at Texas A&M University	1968
19680083920	The forecasting research program of the Weather Bureau	1968
19680083921	Real data-forecasting with the NCAR general circulation model	1968
19680083922	Selected projects of the ESSA weather modification program	1968
19680083923	Hail-suppression research at NCAR	1968
19680083924	The USAF weather modification program	1968
19680083925	U. S. Navy program in weather modification	1968
19680083926	U. S. Army's program in weather modification	1968
19680083927	Facilities design report for the Kennedy design certification review of altitude simulation system and test fluid system /phase 1/	1968
19680083928	Nonlinear wave stability with collisionless shock application	1968
19680083931	Guidance and navigation error analysis for Mission D /U/	1968
19680083932	Investigation of methods for transpiration cooling liquid rocket chambers /U/ Interim technical progress report, 9 Jun. 1967 - 9 Jul. 1968	1968
19680083933	Experimental formulation of liquid "B" compound /U/ Final report, 1 Jul. 1966 - 29 Feb. 1968	1968
19680083934	A study of advanced airbreathing launch vehicles with cruise capability. Volume 1 - Summary /U/ Final report, 2 Jan. - 3 Oct. 1967	1968
19680083935	A study of advanced airbreathing launch vehicles with cruise capability. Volume 2 - Synthesis, performance, cost, and evaluation /U/ Final report, 2 Jan. - 3 Oct. 1967	1968
19680083936	A Study of Advanced Airbreathing Launch Vehicles with Cruise Capability. Volume 3 - Aerodynamics, Propulsion, and Subsystems /U/ Final Report, 2 Jan. - 3 Oct. 1967	1968
19680083937	A study of advanced airbreathing launch vehicles with cruise capability. Volume 4 - Thermodynamics, structures, and weights /U/ Final report, 2 Jan. - 3 Oct. 1967	1968
19680083938	A study of advanced airbreathing launch vehicles with cruise capability. Volume 5 - Economic model /U/ Final report, 2 Jan. - 3 Oct. 1967	1968
19680083939	A study of advanced airbreathing launch vehicles with cruise capability. Volume 6 - Technology /U/ Final report, 2 Jan. - 3 Oct. 1967	1968
19680083940	Finite pulse width models for pulse frequency modulated feedback systems	1968
19680083941	Launch facilities and operations for large solid motor study. Volume 3 - Self-eject launch technique, 260 in. SRM-5-4B application Final report	1968
19680083942	Simplified direct hydrocarbon-air fuel cell system Semiannual report, 1 Jul. 1967 - 1 Jan. 1968	1968
19680083943	Orientation effects on the efficiency of a YIG rod employed as a microwave dispersive delay line	1968
19680083944	Active filters Quarterly report, 10 Nov. 1967 - 10 Feb. 1968	1968
19680083945	Compensating resistors for active RC filters Progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680083946	Investigation of hydrazine-air fuel cell systems Final report, 15 Feb. 1966 - 15 Oct. 1967	1968
19680083947	Preparation and evaluation of vacuum evaporated thin-film cermet resistors	1968
19680083948	Microwave delay lines and materials Quarterly report, 1 Feb. - 30 Apr. 1968	1968
19680083949	Single crystals of ferrite and ferroelectric materials Quarterly progress report, 16 Aug. - 15 Nov. 1967	1968
19680083950	Precipitation attenuation compensation and range integration for X-band weather radar	1968
19680083951	Self test circuit for FM receivers	1968
19680083956	Investigation of a gas generator and turbine assembly with metallized propellants /U/ Final report, Nov. 1964 - Oct. 1966	1968
19680083957	Development of an active S-band augmentation system for the BOMARC target /U/	1968
19680083958	Test and evaluation of the RT-859/APX-72 preproduction IFF transponder /U/ Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680083959	Propulsion technology for advanced land combat missile systems /indirect fire/ /U/	1968
19680083960	Liquid propulsion technology /U/ Technical status report, Apr. - Jun. 1968	1968
19680083961	Current recommend service life listing and surveillance status of rockets, missiles, JATOs, rocket catapults, gas generators, igniters, and delay cartridges /U/	1968
19680083962	Advanced ramjet concepts, 1966. Volume 1 - Ejector ramjet systems demonstration /U/	1968
19680083963	Display Memory /DIM/	1968
19680083964	List processing research techniques Quarterly report, 15 Aug. - 14 Nov. 1967	1968
19680083965	Stable permalloy wire memory elements Final report	1968
19680083970	Development of a nitrogen-rich binder system /U/	1968
19680083975	Investigation of analog readout techniques for detector mosaics /U/ Final technical report, 9 Nov. 1965 - 9 Nov. 1966	1968
19680083976	Computer oriented display memory Final report, 1 Jul. 1966 - 2 Feb. 1968	1968
19680083977	Research investigations on feedback techniques and methods for automatic control Semiannual report, 1 Jul. 1967 - 1 Jan. 1968	1968
19680083978	Ultra-compact microwave devices Interim technical report, 1 Nov. 1967 - 29 Feb. 1968	1968
19680083979	Advanced tuning techniques Quarterly report, 1 May - 31 Jul. 1967	1968
19680083980	Thermal decomposition of barium azide single crystals. 1 - The formal kinetics of the decomposition of Ba/N-3/-2 single crystals	1968
19680083981	Small scale lunar surface personnel transporter employing the hopping mode Semiannual status report, period ending 1 Aug. 1968	1968
19680083982	Kennedy design certification report of altitude simulation system, test fluids system, and astronaut suiting facility /phase 3/	1968
19680083983	Developmental program for 10-watt, 1.2-gigahertz, n-p-n, silicon transistor Final report, 3 May 1965 - 30 Jun. 1968	1968
19680083984	A study of Saturn 5 and intermediate vehicle improvement programs, executive summary report	1968
19680083985	GAHSP modifications required to support powered ascent monitoring studies, user's manual	1968
19680083986	X-22A tri-service V/STOL aircraft Monthly progress report, 1-31 Jan. 1968	1968
19680083987	Oceanographic surveys, fiscal year 1967 Special publication, 1 Jul. 1966 - 30 Jun. 1967	1968
19680083989	X-22A tri-service V/STOL aircraft Monthly progress report, 1-29 Feb. 1968	1968
19680083990	Block Oriented Random Access Memory /BORAM/ Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680083991	Low noise tunable VHF frequency converter design Final report, 1 Jul. 1965 - 31 Oct. 1967	1968
19680083992	Photographic material suitable for in-flight processing Quarterly progress report, 20 Jan. - 20 Mar. 1968	1968
19680083993	Silicon integrated circuits for portable radar equipment Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680083994	Hybrid piezoelectric devices Quarterly report, 15 Nov. 1967 - 15 Feb. 1968	1968
19680083995	High current density cathodes Triannual report no. 2, 1 Oct. 1967 - 31 Jan. 1968	1968
19680083996	Microwave delay lines and materials Quarterly report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680083997	Two state modulation techniques for power systems Semiannual report, 1 Jun. - 1 Dec. 1967	1968
19680083998	Development of man pack, man transportable antenna system Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680084000	Azimuth and elevation direction finder techniques Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19680084001	Electro-optical input/output equipment with memory Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680084002	Signal processing techniques for sound ranging - Quantizing delay vectors Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680084003	Frequency modulated digital frequency synthesizer Final report, 29 Feb. 1967 - 30 Jun. 1968	1968
19680084004	Ultra-reliable VHF-FM receiver-transmitter Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680084005	Time and frequency domain coding techniques Quarterly technical report, 1 Feb. - 31 May 1968	1968
19680084006	Extra flexible tactical cable Semiannual technical report, 1 Jul. - 31 Dec. 1967	1968
19680084007	Advanced development/feasibility model of random access field auxiliary memory /BORAM/ Interim report, 1 Jul. 1967 - 31 May 1968	1968
19680084008	Ferroelectric whisker materials Final technical report, 1 Nov. 1966 - 31 Jan. 1968	1968
19680084009	Data processing using distributed parameter techniques Final report, 1 Sep. - 31 Dec. 1967	1968
19680084010	Long life stable zinc electrodes for alkaline secondary battery Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680084011	Crystal chemistry studies Quarterly report, 14 Feb. - 13 May 1968	1968
19680084012	Feasibility study of control mechanism and coolant properties of a terrestrial unattended reactor power system, volume 1	1968
19680084013	Integrated circuits for fielddata computers Final report, 1 Jul. 1965 - 1 Jan. 1968	1968
19680084014	Magneto-optical input/output equipment with memory Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680084015	Reactor fuels and materials development programs for Fuels and Materials Branch of USAEC Division of Reactor Development and Technology Quarterly progress report, Oct. - Dec. 1967	1968
19680084016	A field study of oceanic turbulent horizontal diffusion	1968
19680084017	Aerospace nuclear safety program Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680084018	Propulsion technology Monthly survey no. 15	1968
19680084019	Linear amplifier design and linear integrated circuits	1968
19680084020	An application of graph coloring to a scheduling problem	1968
19680084021	Marine gravity discrepancies in the Solomon Islands	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084022	Metallurgical investigations of 9Ni-4Co-0.20C steel	1968
19680084023	Chemistry division Progress report, 1 May - 31 Oct. 1967	1968
19680084024	Reactor materials development Quarterly report, Jan. - Mar. 1968	1968
19680084025	Effect of wake edge fluctuations on the mean turbulent velocity	1968
19680084026	Rocket sled blast simulation feasibility study. Volume 3 - Environmental development Technical report, Apr. 1964 - Sep. 1967	1968
19680084027	Graphite physics. UK Research Newsletter	1968
19680084029	Quartz crystal unit type CR-67/U and CR-XM-67/U production engineering measure Quarterly progress report, 25 Nov. 1967 - 25 Feb. 1968	1968
19680084030	Representation of Bessel functions by trigonometric functions or power series and asymptotic development with a complex argument	1968
19680084031	Irradiation effects on reactor structural materials Quarterly progress report, Nov. 1967 - Jan. 1968	1968
19680084032	Fuels and materials development program Quarterly progress report for period ending 31 Dec. 1967	1968
19680084033	Precipitation characteristics of Rocky Flats beryllium ingot sheet	1968
19680084034	J52-P-8A windmill starting tests	1968
19680084035	Some tensile characteristics of SiC monofilaments	1968
19680084036	Improvement of efficiency and life of expulsion bladders Final report, 1 Jul. 1966 - 29 Feb. 1968	1968
19680084037	An investigation of aircraft trailing vortex characteristics during takeoff and landing	1968
19680084038	Comparison of objective and subjective environmental analyses Informal report	1968
19680084039	Lumped-parameter and finite-element-models for dynamic behavior of plane straight sided frames	1968
19680084040	Use of the low-altitude capability of the XBQM-34E aerial target at selected Naval ranges	1968
19680084041	Plate buckling analysis by the finite element method	1968
19680084042	Initial calibration results from the AEDC-PWT 4-foot transonic tunnel Interim report, 6 Dec. 1967 - 23 Feb. 1968	1968
19680084043	Study of new techniques for an advanced Doppler velocity and altitude sensor Final report, 15 Apr. 1966 - 14 Jun. 1967	1968
19680084044	Radiation-induced polymerization of polyfunctional vinylsiloxane	1968
19680084045	Development of objective technique for ear protector attenuation measurements	1968
19680084046	Radiometric measurements at 300 GHz	1968
19680084047	Electromagnetic Compatibility Operational system /ECOPS/. Design and operation	1968
19680084048	Determination of the crosslinking G-factor for polystyrene using ultra-relativistic electrons	1968
19680084049	Mathematical models of muscles	1968
19680084050	Hypervelocity flow measurement techniques Final report	1968
19680084051	Convective precipitation amounts	1968
19680084052	On the stability of solutions of a nonlinear field equation	1968
19680084053	Propulsion technology, monthly survey no. 16 - Surveys of foreign scientific and technical literature	1968
19680084054	Design and production of the H.O./B.C. chart Informal report	1968
19680084055	Chicom radar-associated electronic technology - Surveys of foreign scientific and technical literature	1968
19680084056	Acute toxicity of inhaled plutonium oxide-238 and plutonium oxide-239 in rats Technical report, Jan. 1966 - Mar. 1968	1968
19680084057	Hydrodynamic approach to the thermoelectric effect of hot carriers in semiconductors	1968
19680084058	A study of uniform waveguides of arbitrary cross-sections by the point-matching method Final technical report	1968
19680084059	Cross sections and rate coefficients for excitation and ionization of molecular nitrogen Research and development report, Jun. - Dec. 1966	1968
19680084060	Aerospace density vertical probe launch report - Twelve vehicles launched between 26 August 1967 and 2 May 1968 Final report, 26 Aug. 1967 - 2 May 1968	1968
19680084061	Solid-state controlled battery-load simulator	1968
19680084062	Gas lubrication research for 1900 F non-isothermal operation. Bearing distortion effects on performance and high temperature material investigations. Part 2. Mechanical and thermal distortions Final report, 1 Mar. 1967 - 1 Mar. 1968	1968
19680084064	TREE preferred procedures - Selected parts	1968
19680084065	Research on high power transducer ceramics. Stress sensitivity of piezoelectric ceramics. Part 4. Comparison of Pb/Zr, Ti/O sub 3 compositions on either side of the rhombohedral-tetragonal phase boundary	1968
19680084066	Theory and computation of the generation of acoustic-gravity waves from explosive sources Final report	1968
19680084067	Application of the rotating combustion engine for low noise level aircraft Final report, 11 Jan. - 11 Jul. 1968	1968
19680084068	Test and evaluation of in-flight escape, survival and protective systems, ESCAPAC 1C-3 flexible secondary firing handle	1968
19680084069	Experimental gas turbine engine starter Final report, Feb. 1967 - Aug. 1968	1968
19680084070	Performance limitation imposed by the contrast threshold of the human eye on intensity- modulated integrating displays	1968
19680084071	Design study of a light module for a photogrammetric camera calibration range Final technical report, Jun. 1967 - Jan. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084072	Investigation of ultra high strength bulk glass Final report, Mar. 1967 - Mar. 1968	1968
19680084073	Investigation of the fabrication of large size cadmium sulfide infrared windows by open die pressing Final report, Jun. 1967 - Jun. 1968	1968
19680084074	Indicators of physical stress and working capacity and the effect of some changes in skin temperature on these indicators during work Final report	1968
19680084075	The upper atmosphere of Jupiter	1968
19680084076	L-band tetrodes Quarterly progress report, 1 Oct. 1967 - 30 Apr. 1968	1968
19680084077	A study and analysis of the ATS-FANDG gravity gradient stabilization system Final report	1968
19680084078	Advanced titanium alloy screening, disk production, and evaluation program Interim engineering progress report, 1 May - 31 Jul. 1968	1968
19680084081	Investigation of the effect on pilot fatigue on the addition of a ten-ounce weight to the standard flight helmet /binocular simulation/ Final report, 24 May - 5 Jun. 1968	1968
19680084082	Computer techniques related to electronic equipment manufacture Final technical report, 1 Apr. 1967 - 30 Mar. 1968	1968
19680084083	Design of a high-performance turbocharger for the AVCR-1100 engine Final technical report	1968
19680084084	Microwave electronically variable ion beam time delay device Final technical report	1968
19680084085	Coherent optical adaptive techniques Final report, 1 Mar. 1967 - 1 Mar. 1968	1968
19680084086	Power limiting of Q-switched lasers Interim engineering report, 1 Mar. - 30 May 1968	1968
19680084087	Full scale wind tunnel tests and an analysis of a stopped/folded rotor Final report, Jan. 1966 - 1 May 1968	1968
19680084088	High-modulus, core-sheath fiber development Final report, 1 Feb. 1967 - 31 Mar. 1968	1968
19680084091	Interferometric analysis of a supersonic fluidic amplifier	1968
19680084092	Orientation of airborne target related to orientation of model in radar anechoic chamber	1968
19680084093	Optimum airfoils at moderate supersonic speeds. Part 5. Minimum drag, including base drag	1968
19680084094	An experimental study of the boundary layer on low temperature subliming ablators	1968
19680084095	Production and quality evaluation of T-222 tantalum alloy sheet Final report, 17 May 1966 - 31 Jan. 1968	1968
19680084096	Heating and cooling of simple geometric bodies	1968
19680084097	A FORTRAN program for mode constants in an earth-ionosphere waveguide Interim report	1968
19680084098	Braking tests on nonskid materials applied to T17 membrane surfacing, November 1964 - March 1966 Final report	1968
19680084099	Short pulse inverse diffraction theory	1968
19680084100	Optical technology program Interim technical report, 1 Apr. - 30 Jun. 1968	1968
19680084101	Production engineering measure for C-, L-, and S-band grid pulsed triode and cavity oscillators Quarterly engineering report number 4, 30 Mar. - 29 Jun. 1968	1968
19680084102	Production engineering measure CR-/XM-53/U quartz crystal units Quarterly report, Nov. 1967 - Jan. 1968	1968
19680084103	Frequency temperature compensation technique for quartz crystal oscillators Semiannual report, 1 Jun. - 1 Dec. 1967	1968
19680084104	Investigation to determine the factors which affect the solubility of organic compounds Final report, May 1964 - Jan. 1968	1968
19680084105	Ablative plastic characterization in simulated motor exhaust Summary report, 1 Jun. 1967 - 1 Jun. 1968	1968
19680084106	Some electrical and operating characteristics of integrated power amplifier coupler equipment Research and development report, Jan. - Sep. 1967	1968
19680084107	Dynamic response of a suspended hydrophone to wave and flow effects	1968
19680084108	An integrated six-degree-of-freedom trajectory and aerodynamic heating and ablation computer program STRAB-6 Technical report, Jul. 1966 - Nov. 1967	1968
19680084109	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, 20 Feb. - 20 Jan. 1968	1968
19680084110	Tactical instrument landing system study Final report, 15 Jun. - 15 Dec. 1967	1968
19680084111	A cylinder profile plotter system	1968
19680084112	Sampling tests of 53 aircraft batteries, 34 ampere-hour, 24-volt, lead-acid, type MS18045-42, manufactured by Gill electric division, Teledyne, incorporated	1968
19680084113	Gaseous halide lasers	1968
19680084114	Minimum weight design of elastic structural elements	1968
19680084115	The use of geopotential heights for Great Lakes vertical datum	1968
19680084116	The mechanism and application of periodic electrode processes	1968
19680084117	Large nonsymmetric deflections of thin shallow shells	1968
19680084118	Effects of spectrum sampling on speech intelligibility	1968
19680084119	Chemical thermodynamic properties of heteronuclear diatomic molecules of the transition metal elements and germanium	1968
19680084120	Stress reversal in bonding materials between fibers	1968
19680084121	An investigation of the dynamic pressure response of fluoric transmission lines	1968
19680084122	Maneuvering aircraft computer simulation program	1968
19680084123	The development, fabrication, and evaluation of sonic fatigue resistant aerospace structures utilizing viscoelastic materials Interim technical report, 1 Apr. - 30 Jun. 1968	1968
19680084124	Effects of UHF propagation characteristics on telemetry signals during flight tests	1968
19680084125	Study of basic analog amplifier networks using high gain fluid amplifiers	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084126	Effect of shear strain rate on the susceptibility of selected engineering alloys to plastic instability in torsion Summary technical report, Jun. 1967 - Mar. 1968	1968
19680084127	Automatic atmospheric sounding set, AN/TMQ-19 /XE-1/	1968
19680084128	Prototype production process for fabrication of wire and tubing by hydrostatic extrusion- drawing Interim engineering progress report, 1 May - 31 Jul. 1968	1968
19680084129	The Arpa calibration satellite - Theoretical and experimental electromagnetic scattering considerations	1968
19680084130	Single crystal silicon ribbon pilot line Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19680084131	Manufacturing methods for organic and inorganic foams for high-temperature radome applications Final report, 1 Aug. 1966 - 10 Dec. 1967	1968
19680084133	Thin film structural reinforcements for high performance composites Final summary report, 1 Feb. - 27 Nov. 1967	1968
19680084134	Schottky barrier X-band video detectors for high sensitivity high burnout applications Quarterly report, 27 Mar. - 26 Jun. 1968	1968
19680084135	Manufacturing process development for roll bonded titanium alloy structural sections Interim progress report, 1 Feb. - 30 Jun. 1968	1968
19680084136	Interim study on battlefield laser safety hazard-laser rangefinder AN/GVS-3 /XM23E2/	1968
19680084137	Lightweight high-power thermoelectric module development Final report, 1 Jul. 1966 - 31 Jan. 1968	1968
19680084138	Fluids, lubricants, fuels and related materials Annual report, 1 Mar. 1967 - 29 Feb. 1968	1968
19680084139	Atmospheric meteorological probe, AN/AMQ-23 /XE-1/	1968
19680084140	Component improvement program Engineering activity report, 1 Jan. - 31 May 1968	1968
19680084141	Bibliography of stress concentration with emphasis on structural openings in ships Final report	1968
19680084142	Single Degree Of Freedom /SDOF/ response computer program	1968
19680084143	Portable moving electron beam welding system Interim engineering progress report, 1 Apr. - 30 Jun. 1968	1968
19680084144	A grating lobe suppression technique for linear frequency stepped pulse trains	1968
19680084146	Manufacturing techniques for application of erosion resistant coatings to turbine engine compressor components Interim engineering progress report, 1 Apr. - 30 Jun. 1968	1968
19680084147	Compatibility study of SiC filaments in commercial-purity titanium	1968
19680084148	Gas-metal reaction kinetics by pulsed beam-mass spectrometry Technical report, 1 Nov. 1966 - 31 Oct. 1967	1968
19680084149	A strain standard for use to 3000 deg F /1650 deg C/	1968
19680084150	Evaluation of Gould type GNX-33, Guppy 1 Mod B submarine main storage battery cells by the service life test Final evaluation report	1968
19680084151	High temperature polymers from 1,3-dipolar addition reactions Final report, 1 Feb. 1965 - 30 Jun. 1968	1968
19680084152	Application of the potassium-argon method to the dating of shocked rocks	1968
19680084153	Theory and IBM 360/75 digital computer programs for rigid-body power-spectral gust-response analysis	1968
19680084154	Delta-51 BIOS-B Final field report	1968
19680084155	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report number 8, 1 Apr. - 30 Jun. 1968	1968
19680084156	Meteorological data sounding system, AN/UMQ-7/V/ Interim report	1968
19680084157	Evaluation and improvement of coatings for columbium alloy gas turbine engine components, part 2 Summary report, 1 May 1966 - 31 Dec. 1967	1968
19680084158	To investigate a far-field prediction system for acoustic transducers Final report, 1 Mar. 1967 - 29 Feb. 1968	1968
19680084159	High velocity fluid impact studies	1968
19680084160	Pressure measurements in the near field of two supersonic two-dimensional wing-jet configurations Final report, 17 Jan. - 22 Apr. 1968	1968
19680084161	Aerobee NASA 4.236 UG /26 July 1968/ and Aerobee NASA 4.225 UG /26 July 1968/ Meteorological data report	1968
19680084162	On the identification and control of linear systems	1968
19680084163	Development and evaluation of an inflation aid for type C-9 canopies with deflation pockets Final report	1968
19680084164	Multiple site return capability of spacecraft from circular and elliptical orbits Technical report, Mar. - Nov. 1967	1968
19680084165	Analysis of optical wavefront distortions caused by the atmosphere Final report	1968
19680084166	Water vapor permeability in a polyester based polyurethane	1968
19680084167	The calculation of the effective noise temperature of planar antennas radiating into linear, inhomogeneous plasma media	1968
19680084168	Foreign pure fluid amplifiers Surveys of foreign scientific and technical literature	1968
19680084169	An etched Permalloy low power computer memory Technical report, Jan. 1965 - Nov. 1967	1968
19680084170	Scattering by imperfectly conducting wires of arbitrary shape Final technical report	1968
19680084171	Combined stress test methods and results for ceramic materials	1968
19680084172	An optical data link for real-time remote measurement of fast transients in the presence of large electromagnetic fields	1968
19680084173	RF bridge electrical conductivity gauge for RMP-B vehicles, August 1967 - February 1968	1968
19680084174	Prolonged organotrophic growth of Hydrogenomonas H-16 in the chemostat	1968
19680084175	Transistor UHF, silicon, power 5 watt, 500 MHz PEM Quarterly report, 1 Feb. - 30 Apr. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084176	Application of radar to measurement of surface precipitation Final report, 1 Sep. 1965 - 31 Aug. 1967	1968
19680084177	Computer simulation of frequency-selective fading of HF radio signals and of the improvement afforded by mode-averaging receiving techniques	1968
19680084178	Long-life cold cathode studies for crossed- field tubes Quarterly progress report, 15 Jan. - 15 Apr. 1968	1968
19680084179	An examination of factors that affect the mechanical properties of boron-aluminum composites	1968
19680084180	A ferroelectric gamma-ray spectrometer	1968
19680084181	Properties of simple atoms and ions Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19680084182	Scientific and technical information in the USSR	1968
19680084184	Long-wavelength IR mosaic terminal guidance system. Phase 4 Quarterly report, 1 Feb. - 30 Apr. 1968	1968
19680084185	Infrared transmitting materials Ad hoc committee report, Jul. 1967 - Jul. 1968	1968
19680084186	The glass transition temperature of filled polymers and its effect on their physical properties	1968
19680084187	Research on a high energy non-aqueous battery system Quarterly progress report, 1 Mar. - 31 May 1968	1968
19680084188	Development of high-strength aluminum alloys with improved stress-corrosion resistance, phase 2 Technical report, 1 May 1967 - 30 Mar. 1968	1968
19680084189	Synthesis of elastomeric polymers and specialty chemical intermediates and compounds Final report, 1 Mar. 1966 - 28 Feb. 1968	1968
19680084190	Internal aerodynamics manual, appendix A-F, 1 August 1966 - 17 June 1968	1968
19680084191	Internal aerodynamics manual, 1 August 1966 - 17 June 1968	1968
19680084193	Plan for polymer assessment Interim report	1968
19680084194	Ballistic trajectory analysis from angular data	1968
19680084195	A radio study of the planet Jupiter	1968
19680084197	RAT SCAT radar cross section measurements of 010-4, VHF dipole	1968
19680084198	Study of reentry observables. Part 1 - Oscillator strengths for the A squared sigma minus X squared sigma band system of AIO. Part 2 - Complementary experiments on nitrogen dioxide chemiluminescence, using adiabatically expanded NO Annual technical report, 11 Mar. 1967 - 1 Mar. 1968	1968
19680084199	Atmospheric electrical structure	1968
19680084200	A guide to the application of built in test to navy avionic equipment	1968
19680084201	Inverse scattering in the geometric optics limits	1968
19680084202	Improved manufacturing methods of indium antimonide IR detector arrays Technical report, 15 Sep. 1966 - 30 Nov. 1967	1968
19680084203	Investigation of air-augmented rocket combustion and mixing processes Technical report, 15 Sep. 1967 - 29 Feb. 1968	1968
19680084204	Improved CVD boron filament production Final technical report, 15 Mar. 1967 - 30 Apr. 1968	1968
19680084205	Survey of organic semiconductors including electrical and mechanical properties of plastics Final report, 16 May 1967 - 5 Feb. 1968	1968
19680084206	Development of cutter geometry based on material properties Interim engineering progress report number 4, 1 Apr. - 30 Jun. 1968	1968
19680084207	Collimated light source study Final report, 4 Jun. 1967 - 25 Dec. 1967	1968
19680084208	The barium oxide molecular beam tube. A new type of high precision frequency source	1968
19680084210	Development of a fluid concentrated dispersion of a water-soluble polymer capable of reducing the friction of water under turbulent conditions Final report, 1 Aug. 1966 - 31 Jan. 1968	1968
19680084211	Development of solid lubricant systems for oscillating bearing Final report, 1 Jul. 1967 - 14 Jul. 1968	1968
19680084212	Atmospheric propagation of injection laser radiation for high data rate transmission	1968
19680084213	Measurement of damping in fiber reinforced plastics	1968
19680084214	Job computer LCP Final report	1968
19680084215	Functionality determination of binder prepolymers Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19680084216	Solution of optimal control problems using hybrid computers	1968
19680084217	LORHO MHD power supply studies Final report, 6 Mar. - 22 Oct. 1967	1968
19680084218	Pressure enforced ferroelectric to antiferroelectric phase transition	1968
19680084219	Experimental techniques applied to stress analysis in three dimensions	1968
19680084220	Second order regression processes in geometric satellite data reduction problems	1968
19680084221	HILIS - A high intensity light system for algae food production	1968
19680084222	System for measuring dynamic flow properties in airfoil boundary layers	1968
19680084225	Shock pressures resulting from impact between a solid and a liquid	1968
19680084226	An apparatus for the measurement of an effect of atmospheric boil - The shimmer meter Final report	1968
19680084227	F-4 aircraft electrical system failure investigation Final report, Oct. 1967 - Apr. 1968	1968
19680084228	Hydrolytic stability of elastomeric materials	1968
19680084229	Studies relating to the use of propellant gas	1968
19680084230	Interaction of hot electrons with optical modes of lattice vibrations	1968
19680084231	A theoretical and experimental analysis of quasistatic magnetic field transmission through circular apertures	1968
19680084232	The hazard profiles of laser reflections from military targets	1968
19680084233	Ground state wave functions for the azide ion /N3-/	1968
19680084234	Electroless deposition of nickel and cobalt based alloys	1968
19680084235	Liquid lasers - Preparation and characteristics	1968
19680084236	Advances in photoelectrolytic imaging systems	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084237	Ionic sensors	1968
19680084238	A thermal analysis of an ablating electromagnetic window Technical report, Mar. 1967 - Feb. 1968	1968
19680084239	Preproduction tests of four type MS 17334-2, 24-volt, 0.40 ampere-hour, self-rectifying, nickel-cadmium, aircraft batteries manufactured by Gulton industries, inc.	1968
19680084240	A study of stress corrosion of glass fibers Technical report, 15 May 1967 - 15 May 1968	1968
19680084241	Compatibility study of EMI standards Final report	1968
19680084242	On surface gravity and amplitude ratio of several groups of variable stars	1968
19680084243	Analysis of Apollo spacecraft parachutes Quarterly progress report, 24 Jun. - 30 Sep. 1968	1968
19680084244	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680084247	Nike Apache flight 14.363 GT instrumentation information and calibration data	1968
19680084248	The use of a continuous oil film for damping the transverse motion of an I. C. engine piston	1968
19680084249	Solid lubrication technology Interim technical report, 1 Jan. - 30 Jun. 1968	1968
19680084250	Electromagnetic pulse signal classification and identification of nearby sferics in the High Altitude Nuclear Detection Studies /HANDS/ program, volume 2 Final report	1968
19680084251	Analytical approach to composite behavior Summary technical report, 1 Mar. 1967 - 1 Mar. 1968	1968
19680084252	Ablative composites for lifting reentry thermal protection Summary report, Jun. 1967 - May 1968	1968
19680084253	Design and development of an oxygen generator Final report, 14 Jul. 1964 - 31 Jul. 1968	1968
19680084254	Test and evaluation of switch assemblies, pushbutton, gang /four station/ Final development report	1968
19680084255	Investigation of maintenance-free high rate, nickel-cadmium battery power system for aircraft application Quarterly technical progress report, 1 Mar. - 31 May 1968	1968
19680084256	Combined-environment testing of shipboard electronic equipment Research and development report, Oct. 1967 - Jan. 1968	1968
19680084257	Review of recent developments - Nickel and cobalt base alloys	1968
19680084258	On the evaporation of falling drops	1968
19680084259	Explosive reactions of n-f compounds with hydrogen	1968
19680084260	MHD generator drive of multiple arc heaters Final report, Mar. 1967 - Feb. 1968	1968
19680084261	Altitude ballistic performance, heat flux, and ignition shock data from an AGC Alcor 1B rocket motor /s/n STV-185/ tested in a simulated in-flight ignition environment Final report	1968
19680084262	Resistance and capacitance measurements on lamellar graphite-ammonia compounds	1968
19680084263	Manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering progress report, 1 Feb. - 30 Apr. 1968	1968
19680084264	A method of measuring the relative intensity of electromagnetic environments with respect to HERO	1968
19680084265	Development of a solid-state X-band power source Interim technical report, 1 Jan. - 31 Mar. 1968	1968
19680084266	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report no. 13, 1 Mar. - 31 May 1968	1968
19680084268	Research in purification and single crystal growth of 2-6 compounds Progress report 1 May - 30 Jun. 1968	1968
19680084269	The reduction of astronomical observations for curvature of the vertical	1968
19680084270	Hypersonic aerospace-vehicle structures program. Part 2 - Experimentation Interim technical documentary report, 15 Feb. 1967 - 15 Feb. 1968	1968
19680084271	Viscous effects of nonsteady duct flows Final report	1968
19680084273	Studies for the use of deployable rotors for final descent and landing of reentry vehicles Final report	1968
19680084274	An analog of the Michelson-Morley experiment - Galilean relativity and the vibrating membrane	1968
19680084276	Critical review of measurements made with Worden gravimeters between 1951 and 1959	1968
19680084277	The ballistic and mechanical properties of polymers	1968
19680084278	Neutron diffraction study of alpha-Pb/N sub 3/ sub 2	1968
19680084279	Narrowband infrared detection of important laser wavelengths	1968
19680084280	Alkali metal vapor studies	1968
19680084281	The relationship between pressure effects upon fracture mechanisms and ductility and its practical implications	1968
19680084282	The low-energy proton and electron spectrometers and pulse height analyzer technical report, Jan. 1966 - Jan. 1968	1968
19680084283	Evaluation of phosphoric acid matrix fuel cells Semiannual report, 18 Aug. 1967 - 18 Feb. 1968	1968
19680084284	The effect of length-beam ratio and hydrofoil control on the take-off characteristics of hydrofoil craft in regular head seas Final report	1968
19680084285	Research relevant to frequency sharing communications satellites systems Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19680084286	Athena B-040, flight 103 /18 Jul. 1968/ Meteorological data report	1968
19680084287	Measurement of organizational communications and program effectiveness	1968
19680084288	A new method of depositing silicon carbide for high-modulus fibers	1968
19680084289	On a class of finite stochastic games. Part 2 - Applications	1968
19680084290	Radant development techniques Final technical report 1 Apr. 1967 - 30 Apr. 1968	1968
19680084291	Electro-spark extruding Final report	1968
19680084292	Stilbene spectrometer for neutrons and gamma rays - System improvements	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084293	New knowledge on the fundamental limitations to operation of field-effect transistors	1968
19680084295	Theoretical study of the atomic and molecular gases and their reactions in the upper atmosphere Summary report, 1 May - 31 Oct. 1968	1968
19680084296	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen Quarterly progress report, period ending Sep. 30, 1968	1968
19680084298	Compact radar reflectivity ranges Final report, Jul. 1967 - Apr. 1968	1968
19680084299	Investigation of precision antenna pattern recording and display techniques - Phase 3 Final report	1968
19680084300	Fabrication and study of photoconductor tunneling electron emitter Quarterly progress letter report, 1 Feb. - 30 Apr. 1968	1968
19680084301	Hydraulic plumbing for advanced aerospace vehicles Quarterly technical report, 1 Oct. 1967 - 31 May 1968	1968
19680084302	Susceptibility of potential target components to defeat by thermal action Quarterly progress report, 2 Dec. 1967 - 2 Mar. 1968	1968
19680084303	Saturn 1B mission plan and technical checklist, revision 17	1968
19680084304	S-C band O-type multipurpose traveling wave tube manufacturing methods program Final report, 1 Jan. 1964 - 30 Jun. 1968	1968
19680084305	Ion phenomena Final report, Dec. 1965 - Jul. 1967	1968
19680084306	Microwave properties of partially magnetized ferrites Final report, Jul. 1967 - Jul. 1968	1968
19680084307	Measurement of particle velocities associated with plastic waves propagating in bars	1968
19680084308	Technical investigation of sweep calibration system Final report	1968
19680084309	Associated ytterbium and niobate impurities in calcium tungstate	1968
19680084310	A new approach to protection against intense light energy	1968
19680084311	Advanced Propulsion Test Facility research Final report, 15 Jan. 1966 - 15 Mar. 1968	1968
19680084312	Nuclear interference studies 2 - The effect of dispersion on the ambiguity function of a train of chirped Gaussian pulses, 1 March - 31 December 1967	1968
19680084316	On a class of finite stochastic games. Part 1 - Theory	1968
19680084317	Response of distended copper, iron, and tungsten to shock loading Technical report, 23 Jun. 1966 - 29 Feb. 1968	1968
19680084318	Propulsion technology - Monthly survey no. 17	1968
19680084319	Geoid determinations	1968
19680084330	Small diameter rocket motor cases Final report, Oct. 1967 - Apr. 1968	1968
19680084331	Propellants, rockets and missiles Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19680084332	Advanced surveying instruments	1968
19680084333	A study of propagation medium RF noise Final technical report, Feb. 1965 - Jun. 1968	1968
19680084334	Preferential changes in electronic materials Final technical report, 17 Apr. 1967 - 17 Jun. 1968	1968
19680084336	PSB program description digital IMP-F on line processor /DIMPFLP/	1968
19680084337	Aerodynamic analysis of DP 2E aircraft and captive XB on 34E aerial target Final report	1968
19680084338	Study of microplastic properties and dimensional stability of materials Final report, Jul. 1967 - Jun. 1968	1968
19680084339	A simple, accurate method for determining thermal conductivity of solid propellants	1968
19680084340	Transistor, HF, silicon, power, linear /300 W PEP, 30 MHZ/ Interim report, 15 Nov. 1967 - 14 Jun. 1968	1968
19680084341	Compound semiconductor integrated circuits Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680084342	Design of a sub-optimal self-adaptive pitch-rate control system for high-performance aircraft	1968
19680084343	The sensitive time lag theory and its application to liquid rocket combustion instability problems. Volume 1. Engineers manual Final report, 2 Sep. 1966 - 31 Nov. 1967	1968
19680084345	Analysis of the LM-3 environmental control system under contingent conditions	1968
19680084346	The feasibility of obtaining hypervelocity acceleration using propellant lined launch tubes	1968
19680084347	Generalized model for semiconductor radiation response prediction Quarterly report, 1 Feb. - 30 Apr. 1968	1968
19680084348	Simulated altitude performance of five Thiokol Chemical Corporation TE-344 Titan 2 retrorockets having ages from 64 to 72 months Final report, 17-30 May 1968	1968
19680084349	Review of recent development - Metalworking	1968
19680084350	Arnold Center Review, volume 11, no. 1, 1968	1968
19680084351	Wind tunnel investigation to characterize acoustical disturbances, static stability, and pressure distributions for 0.18-scale models of the program 467 upper stage at Mach numbers from 0.6 to 1.6 Final report, 11- 29 Jun. 1968	1968
19680084352	High acuity radical reproduction material Final report, 15 Nov. 1966 - 15 May 1968	1968
19680084353	Laser hazards	1968
19680084354	The relative speed of several X-ray films, phase 1 Final report	1968
19680084355	Honest John missile no. 1850, round no. M50- E575 RML /6 August 1968/ Meteorological data report	1968
19680084356	Form rolling structurally shaped tubing Interim engineering progress report no. 2, 1 Dec. 1967 - 31 May 1968	1968
19680084357	A model referenced adaptive control system using a sensitivity model	1968
19680084359	Investigation of a large scale non-equilibrium magnetohydrodynamic generator Annual report 1 Aug. 1967 - 31 Jul. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084360	Acoustic fatigue design information for fiber reinforced structures Final technical report Apr. 1967 - Jul. 1968	1968
19680084362	Translation on French nuclear, missile, space, and related military developments, no. 154	1968
19680084363	Regenerable lithium-chlorine system development Status report, 20 Jun. - 20 Dec. 1967	1968
19680084364	Vocoder improvement study Final report, Feb. 1967 - Feb. 1968	1968
19680084366	Radar target measurements system clutter environment at 150 MHz	1968
19680084367	Method of achieving and maintaining physical fitness for prolonged space flight, phase 3 Progress report, period ending 30 Jun. 1968	1968
19680084379	Manufacturing methods for plastic airframe structures by filament winding Quarterly report, May - Jul. 1968	1968
19680084380	Optical soundings 4 Final report, 1 Apr. 1967 - 30 Mar. 1968	1968
19680084381	Research on laser balancing of rotating turbine components Interim technical report, 1 May - 31 Jul. 1968	1968
19680084382	An algorithm for the solution of linear programming problems	1968
19680084383	A high temperature alloy die casting process Interim engineering progress report, 29 Feb. - 28 May 1968	1968
19680084384	Manufacturing methods for an extremely long life tunable ICEM magnetron Final technical report, 1 Jul. 1965 - 1 Apr. 1968	1968
19680084386	A preliminary analysis of the XV-4B VTOL aircraft computer simulation	1968
19680084387	A simple graphical method for evaluating the effect of thrust vector tilt on the aircraft performance	1968
19680084388	A semi-empirical method for prediction of hypersonic boundary layer transition on a highly swept plate	1968
19680084389	Establish manufacturing methods to utilize explosives as high energy source to spot weld metals Final report, 1 Jul. 1966 - 31 May 1968	1968
19680084390	Determination of spallation thresholds by exploding foil techniques	1968
19680084391	Optimum airfoils at moderate supersonic speeds. Part 6 - Base drag effects on the maximum lift-to-drag ratio for given thickness	1968
19680084392	Thermal analysis of gas pressurized expulsion systems. Part 1 - Heat transfer in closed containers with gas injection	1968
19680084393	Method for the gravimetric determination of sediment in MIL-L-23699 turbine engine lubricating oils	1968
19680084394	Photon transport from a point source in the atmosphere	1968
19680084395	Quantum mechanics of HO ₂ . 6. Optimization	1968
19680084396	Time division multiplex procedure for filter synthesis. Mathematical introduction to encourage general understanding of a highly promising circuitry principle	1968
19680084398	Microwave acoustic and bulk device technique studies Interim technical report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680084399	Examination of Elca experimental non-aqueous electrochemical cells and batteries	1968
19680084400	The effects of irregularity scale on usable antenna aperture	1968
19680084401	Manufacture of large precision-cast dies for heated die forging of titanium alloys Interim progress report, 16 Apr. - 15 Jul. 1968	1968
19680084403	High performance fuel cell Annual technical report, 1 Jul. 1967 - 31 May 1968	1968
19680084404	Identification of volatile reactor fuel decomposition products by gas chromatography and spectral analysis	1968
19680084405	Photoelastic detection of flaws in filament wound pressure vessels Final report	1968
19680084406	A guide to the formatting of oceanographic data	1968
19680084407	Spacecraft oceanography 1964-1967	1968
19680084408	Forecasting maximum surface temperatures at the Naval Weapons Center	1968
19680084409	Microwave generation from avalanche transit time diodes Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680084411	A megawatt l-band travatron for direct generation of nanosecond pulses Final report	1968
19680084412	Experimental radar remoting multiplexer/ demultiplexer set Final report, 29 Mar. 1967 - 29 Feb. 1968	1968
19680084413	Varactor-loaded ladder lines for travelling-wave parametric amplifiers and voltage-tunable microwave circuits Final report	1968
19680084415	Aerobee AF AH 3.532 /6 August 1968/ Meteorological data report	1968
19680084417	Radiation heat transfer	1968
19680084418	Dispersion strengthened metals structural mechanical fastener evaluation Final report Jun. 1966 - Feb. 1968	1968
19680084419	Mechanism of thermal decomposition of HMX 1,3,5,7-tetranitro-1,3,5,7-tetrazacyclooctane	1968
19680084421	CQM-10A /BOMARC/ target safety program	1968
19680084422	Cable materials for extreme environments Progress report, 1 Feb. - 30 Apr. 1968	1968
19680084423	Information transmission in operator reports of equipment malfunction - Methodology Final report, Jun. - Dec. 1967	1968
19680084424	Production engineering measure on gallium arsenide laser diode Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680084425	Bounds for the maximum and minimum eigenvalues of an Hermitian matrix	1968
19680084426	Weather forecasting methods, volume 2 Bibliography report, Jan. 1960 - May 1968	1968
19680084427	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft Interim engineering progress report, 1 Mar. - 31 May 1968	1968
19680084428	Advanced radar reflector investigation Interim technical report, 1 Feb. - 1 Aug. 1968	1968
19680084429	High frequency resistance welding of titanium tee shapes Interim engineering progress report, 1 May - 31 Jul. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084430	Manufacturing technology for production of high-strength, high-modulus, glass fibers Final technical report, 1 Apr. 1967 - 31 Mar. 1968	1968
19680084431	Low frequency crosstalk of multi-conductor cables	1968
19680084432	Development of a modular 100 watt flame heated thermionic diode Summary report no. 1, 15 Oct. 1967 - 15 Apr. 1968	1968
19680084433	Kinetics of ammonia substitution into tetrachloropalladate /2/ ion	1968
19680084434	Evaluations of a 1 deg by 40 deg terrain illuminator Technical report, Apr. 1967 - Aug. 1968	1968
19680084468	Priority conflicts and multiple hopping in random satellite coverage Technical report, 1 Nov. 1967 - 20 Feb. 1968	1968
19680084469	Machinability parameters on new and selective aerospace materials Interim engineering progress report, 1 Mar. - 31 May 1968	1968
19680084470	Development of manufacturing methods for integrated circuits using MOS transistors Interim engineering progress report, 1 Apr. - 30 Jun. 1968	1968
19680084472	Interim study on battlefield laser safety hazard - Laser rangefinders for M60 and M551	1968
19680084474	Two phase plume impingement forces Final report, Dec. 1966 - May 1968	1968
19680084475	Generalized network parameters for bodies of revolution	1968
19680084476	Viscoelastic rheology by ultrasonic interferometry	1968
19680084478	Aerobee NRL NE 3.183 /14 August 1968/ Meteorological data report	1968
19680084479	Production implementation of high energy impact rubber forming Interim engineering progress report, quarterly report for period ending 10 Jun. 1968	1968
19680084480	Development of a manufacturing process for fabricated diffusion bonded hollow blades Interim engineering progress report, 1 May - 31 Jul. 1968	1968
19680084481	Upper stage technology demonstration program. Volume 2. Appendix 1. Bioenvironmental control measures with beryllium. Appendix 2. Exhaust cloud diffusion study Final report, Jan. 1966 - 7 Nov. 1967	1968
19680084482	Flight test of a subcritical cryogenic storage vessel Final report	1968
19680084483	Condensing ejector for space power applications Final report, Jul. 1967 - Jan. 1968	1968
19680084484	Theory of particle agglomeration, mean size determination, and chamber coagulation in rocket motors	1968
19680084485	Density of associated liquids as a function of pressure and temperature	1968
19680084486	Arc rotation in a 4 ring ac arc heater	1968
19680084487	Capacitor discharge thermal initiation apparatus for high energy materials	1968
19680084488	Thermodynamic properties of rocket combustion products Quarterly technical report, 15 Apr. - 15 Jul. 1968	1968
19680084489	BIRDS EYE 1-68, 8-13 February 1968	1968
19680084490	Epitaxial growth of ferromagnetic garnets Final report, 15 Jun. 1966 - 15 Jul. 1968	1968
19680084491	Investigation of friction and shear in hot metal deformation Final report, Apr. 1966 - May 1968	1968
19680084492	A 2.5 megawatt graphite heater for nitrogen gas Final report	1968
19680084493	A suboptimal feedback control for a nonlinear plant	1968
19680084494	Nonlinear compensation of the hydraulic servo for the valve orifice nonlinearity	1968
19680084495	Turbulent jet attachment to convex walls	1968
19680084496	A hot-wire stagnation temperature probe Final report	1968
19680084498	Space communications Quarterly technical summary report, 1 Mar. - 31 May 1968	1968
19680084499	Circular array radar antenna - Pencil beam forming and phasing techniques Research and development report, Sep. 1967 - Jan. 1968	1968
19680084500	Study of single crystals under thermal gradients Final report, Jul. 1966 - Jun. 1968	1968
19680084501	Production engineering measure for subminiature feed-thru ceramic dielectric capacitors Quarterly report, 29 Dec. 1967 - 29 Mar. 1968	1968
19680084502	Some air and gas property equations developed for use in TF39 turbojet engine cycle analysis Final report, 7 Dec. 1967 - Apr. 1968	1968
19680084503	Boundary layer studies on helicopter rotors in forward flight	1968
19680084504	The study of plasma surrounding reentry bodies and resultant interaction with microwave radiation Final report, 1 May 1965 - 30 Sep. 1967	1968
19680084505	A microwave source using ultrasonic amplification in piezoelectric semiconductors	1968
19680084506	VHF modulation and detection techniques Quarterly report, 30 Dec. 1967 - 30 Mar. 1968	1968
19680084507	Minimum variance beta estimation with dynamic constraints	1968
19680084508	Laboratory measurement of fluoric devices. Phase 2	1968
19680084509	Pylon F-111B thermal analysis	1968
19680084510	Manufacturing techniques for controlled deposition and application of doped oxides Interim engineering progress report, 1 Mar. - 31 May 1968	1968
19680084511	Statistical theory of dissociation and recombination for moderately complete molecules	1968
19680084512	UHF integrated circuit technology Quarterly report, 15 Jan. - 14 Apr. 1968	1968
19680084513	Investigation of high and low temperature resistant explosive devices Quarterly progress report, 1 Apr. - 28 Jun. 1968	1968
19680084514	Study of the effectiveness of inflight-thrust reversers for an aircraft performing a 180 degree turning maneuver	1968
19680084522	Fatigue and bonding of Al3Ni whisker reinforced aluminum Final report, 1 Jul. 1967 - 31 Jul. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084524	CO2 laser investigations	1968
19680084525	Little John missile no. 2189, round no. 661 RM /7 August 1968/ and Little John missile no. 2169, round no. 662 RM /7 August 1968/ Meteorological data report	1968
19680084526	Tetrahedron flow beam geometry for microwave tubes Triannual report, 4 Oct. 1967 - 3 Feb. 1968	1968
19680084530	Translations on French nuclear, missile, space, and related military developments, no. 155	1968
19680084531	Pulsed vacuum arc thruster study Final report, 3 Apr. 1967 - 31 Aug. 1968	1968
19680084532	Spectroscopic studies on S-tetrazine	1968
19680084533	Random Access Discrete Address /RADA/ advanced development program. Volume 2 - RADA phase 2, breadboard description and test results Final report	1968
19680084534	Coldweld hi reliability quartz crystal units CR-1018 and CR-65/U Quarterly progress report, 25 Nov. 1967 - 25 Feb. 1968	1968
19680084535	Cesium and thallium beam tube research Final report, 9 May 1966 - 31 May 1968	1968
19680084536	The RFT facsimile apparatus	1968
19680084537	Development of avalanche oscillators at 10 GHz and 18.3 GHz Quarterly report, 23 Mar. - 22 Jun. 1968	1968
19680084538	Development of an 8 to 18 GHz low noise TWT amplifier Final report, Jan. 1967 - Apr. 1968	1968
19680084540	Production of dry process divalent silver oxide electrodes by continuous rolling Quarterly report, Mar. - May 1968	1968
19680084541	Development and fabrication of an advanced static inverter Final technical report, Mar. 1965 - May 1968	1968
19680084542	Thin-film channel multiplier arrays Interim development report, 18 Mar. - 17 Jun. 1968	1968
19680084543	Rechargeable metal-air cell Quarterly report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680084544	Antenna mode arrays	1968
19680084545	Microprojector Interim engineering report, 15 Jun. 1967 - 28 Feb. 1968	1968
19680084546	Sorption properties of activated carbon Progress report, Jun. 1966 - Apr. 1968	1968
19680084547	Investigation of rotary actuation technique Quarterly technical report, 3 Apr. - 3 Jul. 1968	1968
19680084548	Titanium and titanium alloys	1968
19680084549	Development of thick-wall, filament-wound, high-pressure containers Final technical report, Jun. 1966 - Mar. 1968	1968
19680084550	Theoretical and experimental array gains obtained from a bottom mounted vertical array using the Mermoz processor	1968
19680084551	Measurement of maximum time-delay resolution of oblique soundings on east-west and north-south paths	1968
19680084552	Research on modified silicon carbide filaments for high temperature applications Final report, 1 Jun. 1967 - 31 May 1968	1968
19680084553	Qualification test report launcher, rocket, aircraft - 2.75-inch, M158E1	1968
19680084554	Effects of electrode temperature on MHD generator performance	1968
19680084555	Methods of analysis for linear systems with time varying parameters	1968
19680084557	Laser wideband recording techniques Technical report, 1 Mar. 1964 - 1 Jan. 1968	1968
19680084558	An application of the Helmholtz integral formulation to the problem of transducer dome interaction	1968
19680084559	Studies of the effects of tropical environments in materials. 1 - Description of exposure sites	1968
19680084560	Brushless dc starter-generator Quarterly report, 1 Apr. - 1 Jul. 1968	1968
19680084561	Evaluation of the Falk Corporation 450 kW nitrided and lapped gears Final report	1968
19680084562	Chemically activated pressure sintering of oxides Annual summary report, Jul. 1966 - Oct. 1967	1968
19680084564	Blading design of an axial compressor	1968
19680084566	Evaluation of lead dioxide plate material Final report, 29 Jun. 1966 - 31 Aug. 1967	1968
19680084567	Soviet research in laser-induced plasma and gas breakdown, 1964-1967 - Surveys of foreign scientific and technical literature	1968
19680084568	Airdrop cargo platform extraction-force transfer coupling	1968
19680084569	Development of processing techniques for carbon composites in missile interstage application Summary report, 5 Jan. 1967 - 30 Apr. 1968	1968
19680084570	The principle of associative symmetry	1968
19680084571	Design procedure and measured performance of the LES-6 UHF transmitter	1968
19680084572	Chemical Vapor Deposition /CVD/ barrel coating for refractory fasteners Interim technical report, 1 Apr. - 30 Jun. 1968	1968
19680084573	Study of liquid metal NaK-77 for application in flight control systems Final technical report, Sep. 1964 - Apr. 1967	1968
19680084574	Evaluation of ovonic threshold switch	1968
19680084575	A data system for a three-frequency receiver	1968
19680084576	X-band phase and amplitude comparison of two slot antennas Final report on phase 1	1968
19680084577	Welding high strength aluminum Final report	1968
19680084578	Research toward preparing bulk shapes of beryllium oxide by chemical vapor deposition techniques Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19680084579	Technique for photographing a body in hypersonic flow	1968
19680084580	Comparison of the SECAM color television system with a quadrature modulation system /NTSC/ with overall picture quality as criterion	1968
19680084582	The determination of orbit perturbations of artificial earth satellites with the aid of gravity anomalies	1968
19680084584	Solid state synthesis of microwave functions Final technical report, 1 Feb. 1967 - 31 Jan. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084585	Research facilities handbook	1968
19680084588	Defense research sciences, Army annual research progress report, 1 Jul. 1967 - 30 Jun. 1968	1968
19680084589	Determination of zinc in diesel fuel and other petroleum products by atomic absorption spectrophotometry	1968
19680084591	Semi-continuous pressure sintering Summary report, 13 Jun. 1967 - 12 Jul. 1968	1968
19680084592	Hypersound from electrostrictive beating of longitudinal laser modes	1968
19680084593	Automatic picture transmission /APT/ receiving terminals for shipboard Status report, Aug. 1966 - Apr. 1968	1968
19680084594	An evaluation of the 1965.0 epoch, H.O. 1706 world magnetic variation chart	1968
19680084595	Technical evaluation of antenna YN-1-104 /Modified antenna AS-686/URN-3/ Final report	1968
19680084596	Sandia high pressure ablation test in the AEDC 5-megawatt arc heater test unit, series 3	1968
19680084597	Computation of maximum flows in networks	1968
19680084598	Development of portable wide range beta-gamma survey instrument Technical report, May 1963 - Jun. 1967	1968
19680084599	Flight evaluation report OV1-10 satellite, 11 December 1966 - 31 August 1967	1968
19680084600	Thrust control exploratory development program Quarterly program progress report, Apr. - Jun. 1968	1968
19680084601	Documented production and inspection procedures for microwave ferrimagnetic materials and circulators, volume 3 Final report, 1 Feb. 1966 - 1 Feb. 1968	1968
19680084602	Radiation effects in majority carrier devices 2 Annual report	1968
19680084603	Ku-band pulse power amplifier Quarterly report, 1 Mar. - 31 May 1968	1968
19680084604	The physico-chemical properties of gels as determined by rheological and thermal analysis	1968
19680084605	Failure mechanisms in semiconductor diodes Final technical report, 4 Jan. 1965 - 2 Mar. 1968	1968
19680084606	Production engineering measure for subminiature, high reliability ceramic capacitors Quarterly progress report, 30 Apr. - 30 Jun. 1968	1968
19680084607	Research on slot injection into a supersonic air stream Final report, 16 Jan. 1967 - 16 Aug. 1968	1968
19680084608	Summary of high temperature mechanical property data obtained with arc heated specimens	1968
19680084609	Observations of sphere wakes over a wide range of velocities and ambient pressures Final report, Jan. 1965 - Mar. 1968	1968
19680084610	Experimental investigation of a transverse jet injecting from a flat plate into a Mach number 5.0 free stream	1968
19680084611	Production tool for diffusion bonding, volume 2 Final technical report, Jan. 1965 - May 1968	1968
19680084612	Optimization of force constants for methane and argon	1968
19680084613	Evaluation of the fused slurry silicide coating considering component design and reuse Progress report, 1 Mar. - 30 Jun. 1968	1968
19680084614	Delay distortion measuring equipment Service test report	1968
19680084615	Analysis and design of a suboptimal, adaptive automatic braking system	1968
19680084616	Strain gradient effects on force transfer between embedded microflakes.	1968
19680084617	Automated environmental data collected off Panama City, Florida, May 1966 - May 1968	1968
19680084618	Microwave research Quarterly status report, 1 Feb. - 30 Apr. 1968	1968
19680084620	An evaluation of the corrosion protection afforded by MIL-S-8784 and MIL-S-8802 sealants to threaded fastener installations	1968
19680084621	On the frequency filtering of transient noise signals	1968
19680084622	The aeroelastic behavior of rotary wings in forward flight. Volume 3 - Correlation with a direct control rotor system Final report	1968
19680084623	Transport air-cushion vehicle	1968
19680084624	Basic investigation of cryogenic refrigeration methods Final report, Feb. 1967 - Feb. 1968	1968
19680084625	Reliable flat cable connector Semiannual report, 1 Oct. 1967 - 30 Mar. 1968	1968
19680084626	Digital mechanization of a discretely adaptive flight control computer. Part 1. Hardware design and fabrication Final report, Jan. 1967 - Jan. 1968	1968
19680084627	Comparison of multidimensional, decision-theoretic antenna processing system and conventional systems	1968
19680084628	Study of alternate means of implementing a horizon definition experiment. Volume 1 - Technical summary Final report	1968
19680084629	A study of the influence of lubricants on high-speed rolling-contact bearing performance. Part 8. Research and elasto-hydrodynamic lubrication on high-speed rolling contacts Final report, May 1967 - May 1968	1968
19680084630	Integrated Ku-band phase shifters Interim technical report, 16 Dec. 1967 - 1 Apr. 1968	1968
19680084631	Atmospheric turbulence and the SST - A review in the light of recent research	1968
19680084632	Thermoelectric low capacity cooler for GSE	1968
19680084633	Estimation of the weights of the error equations in the adjustment by observation equations	1968
19680084634	Computer program for solution of multi-element chemical nonequilibria	1968
19680084635	Technical investigation and comparison of IFF antenna systems Final report	1968
19680084636	Flight tests of solid-state Tacan antenna YN1-109 Final report	1968
19680084637	Scoresby test of LN-15 inertia navigator Final report	1968
19680084638	A study of the electric and magnetic fields of ocean waves Final report	1968
19680084639	Flame and plasma sprayed polymeric protective coatings Technical summary report, 1 Apr. 1967 - 31 Mar. 1968	1968
19680084640	Advanced array research Quarterly report, 1 Jun. - 31 Aug. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084641	Manufacturing procedures for a new high-strength beta titanium alloy having superior formability Interim engineering progress report, 1 Feb. - 30 Jun. 1968	1968
19680084644	Experimental investigation of stress concentration factors of holes in thick walled cylinders	1968
19680084645	Manual astronaut navigation - Apollo mission applications	1968
19680084646	Production engineering measures for microwave ferrimagnetic materials and circulators, volume 1 Final report, 1 Feb. 1966 - 1 Feb. 1968	1968
19680084647	Production engineering measures for microwave ferrimagnetic materials and circulators, volume 2 Final report, 1 Feb. 1966 - 1 Feb. 1968	1968
19680084648	Development of molecular electronic display structures Interim technical report, 1 Dec. 1967 - 31 Jan. 1968	1968
19680084649	Materials technology for advanced land combat missile systems	1968
19680084650	Experimental studies of pulsed microwave breakdown effects in a hypersonic air plasma Final report, Feb. 1965 - Jan. 1968	1968
19680084651	Manufacturing of superalloy filaments Interim engineering progress report no. 4, 1 Jun. 1967 - 31 May 1968	1968
19680084652	Niobium tin, part 2	1968
19680084653	Algebraic theory of flip flop sequence generators	1968
19680084654	Preliminary design of an internally heated hydrogen shock tunnel driver Final report, Feb. 1967 - Feb. 1968	1968
19680084655	Failure mechanisms and accelerated life tests for batteries	1968
19680084656	Medical research Annual progress report, fiscal year 1968	1968
19680084657	Conceptual flutter analyses Quarterly report, 28 Mar. - 27 Jun. 1968	1968
19680084658	Angular distributions of gamma rays from n, n' gamma/ interactions of 2.8 MeV neutrons with silicon, titanium, chromium and iron	1968
19680084659	Solution of the optimal control problem where the plant contains random parameters with known statistics	1968
19680084660	Production engineering measure manufacture of glass holder crystal units. Type CR/XM-66/ Quarterly progress report, Jan. - Dec. 1966	1968
19680084661	Low cycle fatigue of HY-130/T/ weldments	1968
19680084663	A-7D airplane ground vibration test report	1968
19680084664	The hazard profiles of laser reflections from military targets	1968
19680084665	Glass fiber manufacturing process development Interim engineering progress report, 1 Apr. - 30 Jun. 1968	1968
19680084666	An optical spectrum analyzer for Power Spectral Density /PSD/ measurements	1968
19680084668	The effect of creep deformation on the microstructure of some refractory metallic materials Final technical report, 1 Jan. 1964 - 31 Jul. 1966	1968
19680084669	Nuclear interference studies 2 - A physics code for the dynamics of high altitude nuclear bursts Technical report, 1 Mar. - 31 Dec. 1967	1968
19680084670	Technical investigation of false azimuth lock-ons in the Tacan navigation system Final report	1968
19680084671	Production engineering measure, crystal unit CR-/XM-56//U Quarterly report, 1 Mar. - 31 May 1968	1968
19680084672	Study of aviation-fuel filter/separators Quarterly progress report, 20 Apr. - 19 Jul. 1968	1968
19680084674	Investigation of motion in cislunar space using the very restricted four-body model	1968
19680084675	Evaluation of ablation prediction techniques for solid rocket nozzle materials	1968
19680084676	NOTS-MICHIGAN BIRA reports - BIRA 01	1968
19680084677	Design, development, and evaluation of a programmed instruction course Final report	1968
19680084678	Manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering progress report, 1 May - 31 Jul. 1968	1968
19680084679	Heat and transfer from a liquid spill	1968
19680084680	IFF antenna radiation improvement study Interim report, 1 Apr. - 31 Jul. 1968	1968
19680084682	Probe studies in a mercury vapor discharge and design and development of second derivative apparatus Final technical report, Feb. 1965 - Mar. 1968	1968
19680084683	The application of ruby laser backscatter measurements to contrast prediction for aerial reconnaissance systems Interim technical report, Jul. 1967 - Feb. 1968	1968
19680084684	Analytical and experimental studies of single and two phase liquid metal Faraday generators Final report	1968
19680084685	Thermoelectric air conditioner performance investigation	1968
19680084686	Structural thermochemical and magnetic investigations of complex refractory phases Final technical report, Apr. 1967 - Mar. 1968	1968
19680084687	The study of quasi static body forces in a solithane model	1968
19680084688	Aeromedical research Annual progress report, 1 Jul. 1967 - 30 Jun. 1968	1968
19680084689	Plastic impact and penetration Final report, May 1965 - Jun. 1968	1968
19680084690	A-/J52 exhaust case temperature survey Final report	1968
19680084691	Radar sounding of glaciers	1968
19680084692	Contribution to research on losses in the axial flow compressor stage at transonic velocities	1968
19680084694	Horizontal end-loaded VLF transmitting antenna	1968
19680084695	The effects of surface roughness on cavitation inception speeds of a hydrofoil Final report	1968
19680084697	Exposure prediction for an infrared artificial illumination photographic system Technical report, Sep. 1967 - Jun. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084698	Application of optimal control techniques to VTOL landing trajectories	1968
19680084699	An equivalent gain analysis of nonlinear sampled-data systems subjected to stochastic inputs	1968
19680084701	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 Feb. - 30 Apr. 1968	1968
19680084702	Production engineering measure for type CR-/XM-60//U crystal units Quarterly report, Jan. - Mar. 1968	1968
19680084703	Procedures and suggested programming emphasis to obtain criteria essential to attaining propulsion system flow stability Technical report, Mar. 1965 - Dec. 1967	1968
19680084704	Random Access Discrete Address /RADA/ advanced development program. Volume 1A - RADA system design - Baseline system description Final report, phase 2	1968
19680084705	The development of microelectronic electronically tuned receiver tuner Final report, 1 Jul. 1967 - 1 Jul. 1968	1968
19680084706	Visual Reconnaissance with Two Fields of View Under Conditions of Poor Visibility	1968
19680084707	Industrial electrosynthesis of organic compounds	1968
19680084708	Low-cost acid fuel cell stacks Final report, 13 Oct. 1966 - 31 Dec. 1967	1968
19680084709	Explosively driven launchers Semiannual report, 23 Aug. 1967 - 29 Feb. 1968	1968
19680084710	Improving tactical decision-making skills	1968
19680084711	Optoelectronic switch array Quarterly report, 8 May - 8 Aug. 1968	1968
19680084712	Manufacture of jet engine thrust bearings by ausforming Interim engineering progress report, 15 Jun. - 15 Aug. 1968	1968
19680084713	Measurement of residual stresses in weldments by X-ray diffraction techniques Final report	1968
19680084714	The use of honeycomb structures in the German Democratic Republic	1968
19680084715	Coherent techniques for automatic direction finder Quarterly progress report, 15 Oct. 1967 - 14 Jan. 1968	1968
19680084716	Germfree life	1968
19680084717	The forward mounted Tacan, IFF, and UHF communication antennas for the RF-5A /Norway/ preflight evaluation	1968
19680084718	An analog computer programme for ray tracing and spreading loss computations	1968
19680084720	Diode, millimeter wave type mixer /3.2 mm/ Final report, 1 Jun. 1963 - 30 Jun. 1967	1968
19680084721	Design and construction of system for the precise measurement of microwave power Final report, 1 Jul. 1965 - 31 Oct. 1967	1968
19680084722	SNAP-7E acoustic navigation studies	1968
19680084723	Experimental investigation of the pressure distributions induced upon a body of revolution by several transverse jets at low speeds	1968
19680084724	State space application to system design	1968
19680084725	Airborne target recognition study Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19680084726	Semiconductor laser arrays	1968
19680084727	Radar field tests - Performance of a CW Doppler and a scintillation radar as personnel detectors	1968
19680084728	Harmonic current generation and multi-signal effects in beam plasma systems	1968
19680084729	Production engineering measure for 50-ampere silicon power transistors Progress report, 27 Feb. - 27 May 1968	1968
19680084730	Test and evaluation of specialized material Quarterly report, 24 May - 24 Aug. 1968	1968
19680084732	Integrated K-band transceiver Quarterly technical report, 1 Apr. - 30 Jun. 1968	1968
19680084733	Development of three improved primary flight controller designs Final technical report, 1 May 1967 - 1 May 1968	1968
19680084734	Fast sun map program Technical report, May - Nov. 1967	1968
19680084735	Engineering support services, research rocket instrumentation Final report, 1 Apr. - 31 Dec. 1967	1968
19680084738	Study of efficiency improvement of optically pumped Ca5/PO4/3F/Nd and Ca5/PO4/3F/ Ho, Cr Interim technical report, 10 Dec. 1967 - 10 Jul. 1968	1968
19680084739	Coupling of acoustic fields and vibrating membranes and plates	1968
19680084740	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19680084741	Studies of surface chemistry of solids in dissemination Quarterly progress report, Feb. - Apr. 1968	1968
19680084742	Silver-zinc electrodes and separator research	1968
19680084743	Feasibility investigation of the vapor chamber fin Final technical report, 1 May 1967 - 1 May 1968	1968
19680084744	The aerodynamic characteristics of non-aerodynamic shapes	1968
19680084745	Research and experimentation on space object identification using ground based electro-optical techniques Interim technical report, 1 Jan. - 30 Jun. 1968	1968
19680084746	Small sample acceptance sampling tables using B sub 10 reliable life and B sub 10 hazard rate criteria based on the Weibull distribution	1968
19680084747	An approximate band model for electronic transitions of diatomic molecules	1968
19680084748	The research program of the Applied Physics Department for the year 1967	1968
19680084749	Research on new materials for electroluminescence Semiannual report, 1 Nov. - 30 Apr. 1967	1968
19680084750	Design of contoured nozzels for the AFAPL 120-inch shock tunnel Final report, 15 Feb. 1967 - 15 Jul. 1968	1968
19680084751	The environment in a vented chamber containing a normally burning rocket motor	1968
19680084752	Crazing and yielding of reinforced composites	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084753	Influence of fabrication variables on the properties of fiber-reinforced metals Final report, 17 Jan. 1967 - 17 Jan. 1968	1968
19680084754	Cathode ray tube centered HSI	1968
19680084755	Manufacturing methods for producing large diameter close tolerance superalloy castings Interim engineering progress report no. 1, 1 May - 31 Jul. 1968	1968
19680084756	High temperature resistant polymer research Quarterly report, Apr. - Jun. 1968	1968
19680084757	Random Access Discrete Address /RADA/ advanced development program. Volume 1B. RADA system design-advanced development model equipment design description, phase 2 Final report	1968
19680084758	Voice analysis techniques for immediate assessment Final report, 1 Jul. 1965 - 30 Jun. 1968	1968
19680084759	Evaluation of an air-bearing equipped cooling turbine for the F-4 cabin air conditioning system Interim report, 20 Mar. 1967 - 10 Jan. 1968	1968
19680084760	Preproduction tests of two type MS-17334-2, 24-volt, 0.33 ampere-hour, self-rectifying, nickel-cadmium, aircraft storage batteries manufactured by Sonotone Corporation	1968
19680084761	SCR control of el matrices Final report, 6 May 1966 - 15 Dec. 1967	1968
19680084762	Floating point /second sum/ Runge-Kutta integration of second-order ordinary differential equations - Subroutine ASC DEQ4	1968
19680084763	Current distribution in crossed-field accelerators. Part 2. Effects of finite reaction rates and electron energy convection Final report, 1 Jan. - 31 Dec. 1967	1968
19680084764	Electron paramagnetic resonance of the CH sub 2 CO sub 2 - radical in irradiated zinc acetate dihydrate	1968
19680084765	Development and application of light activated silicon switches Quarterly scientific report, 3 May - 3 Aug. 1968	1968
19680084766	Guidance and control no. 1	1968
19680084767	Statistical treatment of phase interference fading	1968
19680084768	Production engineering measure for high-reliability aluminum electrolytic capacitors Quarterly report, 20 Mar. - 20 Jun. 1968	1968
19680084769	Rotor blade antenna Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680084770	Evaluation of cockpit ventilation modifications installed in USAF model T-28A airplanes Final report	1968
19680084771	Ionospheric data report, June 1968	1968
19680084772	Development of improved cutting tool materials Interim engineering progress report, 15 Mar. - 15 Jun. 1968	1968
19680084773	The informative value of dynamic images as a function of signal and noise characteristics, Final report, Jul. 1967 - Jan. 1968	1968
19680084774	Broadband high burnout solid state integrated X-band limiter and balanced mixer Interim report, 1 Aug. 1967 - 31 Jul. 1968	1968
19680084775	Electrofluids, their preparation and properties	1968
19680084779	Development of audio transducer helmet assembly Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680084780	Sound radiated from turbulence-excited finite plates with arbitrary boundary conditions	1968
19680084782	VLF propagation model for a gradually varying isotropic ionosphere	1968
19680084783	Electron probe microanalysis	1968
19680084784	Quantitative structural design criteria by statistical methods. Volume 3. Computer program formulation and user's manual	1968
19680084785	Surface integrity of machined structural components Interim engineering progress report, 1 Feb. - 31 Aug. 1968	1968
19680084786	Exploratory studies with large-grained materials in terminal ballistic research	1968
19680084787	Harmonic oscillatory motion of the system wing-conical fuselage under supersonic conditions	1968
19680084790	Plasma sprayed metal matrix fiber reinforced composites Final report, 15 Mar. 1967 - 15 Mar. 1968	1968
19680084791	Production tool for diffusion bonding. Volume 1 Final technical report, Jan. 1965 - May 1968	1968
19680084792	P-1127 /XV-6A/ V/STOL handling qualities evaluation Final report, 31 May 1967 - 7 Aug. 1968	1968
19680084793	Parametric amplifiers for electronically steerable radar systems Final report, Mar. 1966 - Apr. 1968	1968
19680084794	Development and construction of a breadboard general purpose computer Final report	1968
19680084795	Drag coefficients for radar screens, phase 1	1968
19680084796	Captive-trajectory store-separation system of the AEDC-PWT 4-foot transonic tunnel	1968
19680084797	Large chamber electron beam welding Quarterly progress report, 1 Jun. - 10 Sep. 1968	1968
19680084798	A FORTRAN set for three machines	1968
19680084799	A simplified technique for making reflectivity measurements	1968
19680084800	Fiber-reinforced metal matrix composites - 1967	1968
19680084801	Air drying, high temperature resistant, silicone protective coatings Technical report, Jul. 1962 - Oct. 1967	1968
19680084804	Response of simplified ICBM type structures to impulsive loading. Volume 2. Dynamic buckling of rings, plates, and cylindrical shells under impulsive loading Technical report, May 1966 - Jan. 1968	1968
19680084806	Study of thin layer oxide electrodes and electrolytes Final report	1968
19680084807	Captive trajectory tests of a 0.075-scale, hard-structure munitions model at transonic Mach numbers Final report	1968
19680084808	Variable attitude performance and qualification tests of General Electric T64-GE-12 engine, phase C Final report, 18 Nov. - 13 Dec. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084809	Production engineering measure for mechanization of high-reliability capacitors Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19680084810	A study of notches in brittle materials by relating stress intensification and volume Final report, Jan. - 31 Dec. 1966	1968
19680084811	High altitude clear air turbulence models for aircraft design and operation Final report, 1 Mar. 1966 - 30 Jun. 1968	1968
19680084813	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Mar. - 31 May 1968	1968
19680084814	Relationships between tropical precipitation and kinematic cloud models Final report, 1 Nov. 1967 - 30 Apr. 1968	1968
19680084815	Large-array signal and noise analysis. Noise suppression by long-period infinite velocity processors	1968
19680084817	Periodic fluctuation of chemical species over a reactive surface	1968
19680084818	Electromagnetic compatibility operational system /EMCOPS/. Task 8. Initial investigation	1968
19680084819	Study of spurious signal generation in microwave tubes Interim report, 9 Apr. - 8 Jul. 1968	1968
19680084820	Group theoretic approach to the new conserved quantities in general relativity	1968
19680084821	Measurement problems related to solid rocket combustion instability	1968
19680084822	Preflight azimuth alignment equipment	1968
19680084823	Development of titanium and fiberglass propeller blades Final report	1968
19680084824	Determination of energies to initiate and propagate cleavage cracks in beryllium Semiannual technical report, 1 Mar. - 30 Aug. 1968	1968
19680084825	Self-consistent field calculations for energy levels of 6, 7 and 8 electron isoelectronic sequences	1968
19680084826	A study of the effects of grease lubricants on the vibration of rolling bearings Final summary report, 9 Aug. 1968	1968
19680084827	Ceramic R and D programs. Part 2. Army and Navy	1968
19680084829	The relationship of flight-line maintenance man-hours to aircraft flying hours	1968
19680084830	Explosions and explosives	1968
19680084831	Digital computer program for X-22A simplified equations of motion. A - Longitudinal equations and local aerodynamics. B - Lateral-directional equations and local aerodynamics	1968
19680084832	TP-30-P-6 crosswind trim Final report	1968
19680084833	Computer program for shock spectra of a damped system with option of using corrected velocity meter records as input	1968
19680084834	Angle error of a frequency scanning antenna due to deviation of cut-off frequency	1968
19680084835	Compact VHF aircraft antenna Final report, 23 Feb. 1965 - 30 Jan. 1968	1968
19680084836	An acceptable individual risk criterion	1968
19680084838	Study and development of miniature power supplies - NADC follow-on development no. 2 Final engineering report	1968
19680084839	Dispersion hardening of nickel SLIS alloys by splat cooling and by internal oxidation Final report	1968
19680084842	Production engineering measure for subminiature feed-thru ceramic dielectric capacitors Quarterly report, 29 Mar. - 28 Jun. 1968	1968
19680084843	A modified cycloconverter for the BK transducer Research and development report, Sep. 1965 - Dec. 1967	1968
19680084844	Electronic control of laser beams Quarterly technical report, 1 Apr. - 30 Jun. 1968	1968
19680084845	Flow noise radiation characteristics of elastic plates excited by boundary layer turbulence Final report, 1 Oct. 1966 - 31 Mar. 1968	1968
19680084846	Locomotion in nature. Part 2. Modifications of the fly foot for human needs	1968
19680084848	Full pressure suit for space crews Final report, 25 Jul. 1964 - 23 Apr. 1967	1968
19680084849	Development of manufacturing techniques for production of rain erosion resistant coated structures Interim engineering progress report, 1 May - 31 Jul. 1968	1968
19680084850	Production engineering measure. High semiconductor switch /two terminal/ and high speed semiconductor switch gate. Volume 1 Final engineering report, 29 May 1963 - 29 Apr. 1968	1968
19680084851	Catabolite repression and enzyme inhibition by molecular hydrogen in Hydrogenomonas	1968
19680084852	Vaporization processes in alkali metal oxides	1968
19680084853	Active theory of contrast transfer	1968
19680084854	Oxygen consumption, heart rate and ventilation as a function of pedaling frequency and brake setting in aerobic bicycle exercise	1968
19680084857	Improvements in the area of non-destructive flaw detection in Czechoslovakia	1968
19680084858	Development of a lightweight troposcatter power amplifier Final report, 6 Jan. 1967 - 30 Apr. 1968	1968
19680084859	J52-P-8A engine altitude transient performance Final technical report	1968
19680084860	Theoretical and experimental aspects of the condensation of cold plasmas on solid	1968
19680084861	Tensile stress-strain properties of certain high strength synthetic yarns Termination report	1968
19680084862	Balneobiological investigation of the Nauheim springs. Part 2 - Pseudomonas halocrenaea /new species/	1968
19680084863	Collection and analysis of micrometeorites Semiannual status report, 1 Dec. 1967 - 1 Jun. 1968	1968
19680084864	MIL-G-81322, aircraft wheel bearing grease Final report, 8 Jan. - 1 Jul. 1968	1968
19680084865	Development of a general thermal analyzer program - Engineering utilization manual	1968
19680084866	The similitude of cone entry into an oblique blast wave Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680084867	Factors controlling the strength of composites interphase fracturing of composite bodies Final report, 1 Feb. 1967 - 1 Feb. 1968	1968
19680084868	High frequency acoustic wave scattering, radiation, and generation at irregular sea surfaces Final report, 10 Jun. - 10 Sep. 1968	1968
19680084869	Thermochemical investigations of pyrotechnic compositions Final report, 20 Jan. 1967 - 20 Apr. 1968	1968
19680084870	Random Access Discrete Address /RADA/ advanced development program. Volume 99 - RADA system design system analysis, phase 2 Final report	1968
19680084871	Laboratory evaluation of Kearfott two-axis flexure hinge accelerometer	1968
19680084872	Close tolerance forgings from powder metallurgy preforms, phase 1, part 2 Engineering progress report, 15 Mar. - 15 Jul. 1968	1968
19680084873	Theoretical studies of the use of multipropellants in high velocity guns	1968
19680084874	Exploratory development on whisker-reinforced fibers, part 2 Technical summary report, Mar. - Sep. 1967	1968
19680084875	Complex gravitation	1968
19680084876	Production processes for rolling tapered titanium plate Interim engineering progress report no. 2, 16 Jan. - 16 Apr. 1968	1968
19680084877	Computational methods for best approximation and associated numerical analyses Final report, 15 Mar. 1967 - 15 Mar. 1968	1968
19680084878	Japan Science and Technology	1968
19680084879	Analysis of base heating data from solid strap-on tests. Volume 2. A method-of- characteristics solution for the supersonic flow of a gas-particle mixture Final report	1968
19680084880	Analysis of base heating data from solid strap-on tests. Volume 3. User's manual plume radiation view factor computer program /VFACT/ Final report	1968
19680084881	Material property codes. Volume 2 - Appendixes B-D Technical report, 27 Aug. 1965 - 31 Jan. 1968	1968
19680084882	Material property codes, volume 1 Technical report, 27 Aug. 1965 - 31 Jan. 1968	1968
19680084883	Preliminary report on a high-voltage ac power source for mass spectrometers	1968
19680084885	Storable liquid oxidizer /U/ Quarterly interim report no. 3, 1 Feb. - 30 Apr. 1968	1968
19680084889	Refinement of geopotential determined from satellite Doppler data at seven inclinations /U/	1968
19680084891	Kinetics of decomposition of solid oxidizers /U/ Final report, 1 Dec. 1965 - 31 Jan. 1968	1968
19680084894	Translations on French nuclear, missile, space, and related military developments number 158	1968
19680084895	Informal summary of automated environmental data collected off Panama City, Florida	1968
19680084896	Mechanisms of crack initiation in wrought polycrystalline beryllium Final report, 1 Jun. 1966 - 31 May 1968	1968
19680084897	A technique for determining the sensitometric properties of laser recording materials Scientific report, 1 Jun. - 1 Oct. 1967	1968
19680084898	Effects of high purity in wrought polycrystalline beryllium sheet Final report, 1 Jul. 1965 - 31 Aug. 1967	1968
19680086560	A pilot study to determine the prospects of applying space-generated technology to the technology needs of developing nations monthly progress report, 1 dec. 1967 - 1 jan. 1968	1968
19680086562	Development of a moment method to solve the three-dimensional boundary layer equations progress report, period ending 30 nov. 1967	1968
19680086567	Evaluation of protective coatings for rocket engines monthly report, 1-31 dec. 1967	1968
19680086574	Ignition of oxygen difluoride and lpg's monthly progress report, 1-31 dec. 1967	1968
19680086578	Spacecraft rocket engine chamber insulation materials quarterly progress report, 1 oct. - 31 dec. 1967	1968
19680086587	Brayton cycle turboalternator monthly progress report, 1-31 jan. 1967	1968
19680086593	Fabrication of solid rocket nozzle from a composite material of boron filaments of fibers monthly report, 1-31 dec. 1967	1968
19680086608	System analysis of gelled space-storable propellant monthly progress report, 4 dec. 1967 - 3 jan. 1968	1968
19680086609	Development of a protective coating system for regeneratively cooled thrust chambers monthly progress report, 1-31 dec. 1967	1968
19680086619	Quarterly report, october 1 - december 31, 1967	1968
19680086620	Cryogenic alloy screening monthly progress report, 28 nov. - 27 dec. 1967	1968
19680086630	Quarterly progress report, 24 september - 28 december 1967	1968
19680086646	Lightweight multi-layer insulation system monthly progress report, 1-30 nov. 1967	1968
19680086648	Monthly progress report for period 3 december 1967 to 3 january 1968	1968
19680086649	Shadow shield development monthly progress report, 1 dec. 1967 - 1 jan. 1968	1968
19680086650	Low pressure restartable oxygen/hydrogen burner monthly status report, 1-31 dec. 1967	1968
19680086762	Bi-monthly progress report, 1 november - 31 december 1967	1968
19680086763	Minimum pressure loss in high velocity flow duct systems	1968
19680086769	The development and application of mass spectrometers to studies of the earth's upper atmospheres status report, 1 jul. - 31 dec. 1967	1968
19680086771	Research program to extend cascade data to liquids and higher inlet angles monthly progress report, 30 nov. - 31 dec. 1967	1968
19680086800	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 1-31 dec. 1967	1968
19680086847	Development of a technique for sampling the boundary flow gases on rocket motors quarterly progress report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680086904	A theoretical and experimental study of the ionosphere using radio signals from earth satellites progress report, 1 jul. - 31 dec. 1967	1968
19680086948	Research in the aerospace physical sciences semiannual report, 1 mar. - 31 aug. 1967	1968
19680086964	Monthly letter report	1968
19680087014	Problems in interacting continua semiannual status report, period ending 30 nov. 1967	1968
19680087053	A study of faraday-type magnetohydrodynamic /mhd/ accelerator when used to drive a hypervelocity wind tunnel	1968
19680087127	Investigation of methods for transpiration cooling - liquid rocket chambers monthly status report	1968
19680087128	Cryogenic tank support evaluation monthly progress report, 30 nov. - 31 dec. 1967	1968
19680087181	Advanced bearing study quarterly progress report, 1 oct. - 31 dec. 1967	1968
19680087199	Investigation of sputtering effects on the surface of the moon quarterly status report, 2 sep. - 2 dec. 1967	1968
19680087230	Periodic production test summary report, connector, 14 contact.	1968
19680087333	Lightweight multi-layer insulation system monthly progress report, 1-31 dec. 1967	1968
19680087334	Mithras bny /3001/ propulsive re-entry aerodynamics /rocket plume in counterflow/ monthly status report, 1-31 dec. 1967	1968
19680087407	The measurement of lunar and planetary infrared radiation semiannual report, 1 mar. - 31 aug. 1967	1968
19680087424	Ultra fine beryllium powder by the amalgam process interim progress report, period ending oct. 31, 1967	1968
19680087425	Flox/methane pump-fed study quarterly progress report, 6 oct. 1967 - 5 jan. 1968	1968
19680087435	Space storable regenerative cooling investigation monthly progress report, dec. 1967	1968
19680087515	Study of the cause and significance of accelerated creep resulting from repeated stress reversals progress report	1968
19680087563	Elliptic differential equations semiannual status report, 1 jul. 1967 - 1 jan. 1968	1968
19680087597	Low thrust solid and hybrid propulsion systems /phase 2/ monthly status report for jan. 1968	1968
19680087598	New fluorine-containing elastomers for space- propulsion applications monthly progress report for jan. 1968	1968
19680087600	Combustion instability, droplet burning, unlike liquid impingement, and random wave phenomena monthly status report, 1-31 dec. 1967	1968
19680087613	St79d45 diode report	1968
19680087621	Development of liquid oxygen positive expulsion bladders monthly progress report, 1-31 jan. 1968	1968
19680087631	Advanced bearing study monthly progress report, 1-31 jan. 1968	1968
19680087632	Study of Dynamic and Static Seals for Liquid Rocket Engines Monthly Progress Report, 1 Jan. - 4 Feb. 1968	1968
19680087668	Radiative energy transfer on entry into mars and venus quarterly report	1968
19680087671	Wind profile measurement semiannual progress report, 1 aug. 1967 - 31 jan. 1968	1968
19680087719	Low solar absorptance and emittance surfaces utilizing vacuum deposited techniques progress letter report no. 17, 1 jan. - 1 feb. 1968	1968
19680087727	Leakage test, part number 3813 relay	1968
19680087732	Study of the mechanics of non-newtonian fluids quarterly status report, period ending 26 dec. 1967	1968
19680087734	Advanced injector concepts investigation monthly progress report, 1 dec. 1967 - 1 jan. 1968	1968
19680087735	Development of an effective reliable lift-off seal for use in advanced turbomachinery monthly report for dec. 1967	1968
19680087736	Inducer dynamics - full-flow, full-admission hydraulic turbine monthly report for dec. 1967	1968
19680087738	Valve, check, 3/4 inch, 3200 psig, p/n 1a66984-1	1968
19680087747	Installation and operation of a three- frequency riometer system on the nasa cv 990 aircraft during the auroral expedition quarterly status report, 15 nov. 1967 - 15 feb. 1968	1968
19680087806	Study of failure and reliability in microelectronic devices quarterly report	1968
19680087809	Investigation of advanced thrust chamber designs monthly progress report, 6 jan. - 6 feb. 1968	1968
19680087813	Space storable propellant performance program monthly progress report, jan. 1968	1968
19680087815	Protective coating system for a regeneratively cooled thrust chamber monthly progress report, 1 - 31 jan. 1968	1968
19680087816	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the electroforming process monthly progress report, 2 jan. - 3 feb. 1968	1968
19680087833	Quarterly progress report, 1 nov. 1967 - 31 jan. 1968	1968
19680087835	Batteryless signal flasher	1968
19680087836	The effect of shock waves on meteorites quarterly progress report, 1 sep. 1967 - 31 jan. 1968	1968
19680087843	Theoretical calculations and comparisons with electron density from ballistics ranges	1968
19680087855	Body shape effects on axisymmetric wakes	1968
19680087880	Flox/methane pump-fed engine study monthly progress report, period ending 20 feb. 1968	1968
19680087884	Correlation between solid propellant mechanical properties and explosion effects progress report, 1 nov. 1967 - 31 jan. 1968	1968
19680087905	Cryogenic positive expulsion diaphragm monthly progress report, 1-31 jan. 1968	1968
19680087906	Semiannual report, july 1 - december 31, 1967	1968
19680087935	Quarterly report for january 1968	1968
19680087936	Low pressure restartable oxygen/hydrogen burner quarterly progress report, 1 nov. 1967 - 31 jan. 1968	1968
19680087937	Space storable regenerative cooling investigation monthly progress report, 1-31 jan. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680087938	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 1-31 jan. 1968	1968
19680087939	Monthly progress report, 15 january - 15 february 1968	1968
19680087940	Development of a filament-overwrapped cryoformed metal pressure vessel monthly progress report for jan. 1968	1968
19680087945	Space storable propellant performance monthly progress report, 1 - 31 jan. 1968	1968
19680087985	Evaluation of protective coatings for rocket engines monthly report, 1-31 jan. 1968	1968
19680088091	Investigation of advanced regenerative thrust chamber designs monthly report, 16 dec. 1967 - 16 jan. 1968	1968
19680088092	Experimental verification of surface vehicle dynamics monthly progress report, 1-31 dec. 1967	1968
19680088168	Study of cryogenic propellant stratification reduction techniques quarterly progress report, 1 oct. - 31 dec. 1967	1968
19680088222	Bayonet coupling, circular, subminiature, environment resisting, with removable size 22 crimp type contacts - final specification	1968
19680088236	Low thrust solid and hybrid propulsion systems, phase 2 monthly status report for dec. 1967	1968
19680088238	Investigation of the basic foundation of masers and lasers semiannual status report, 1 jul. - 31 dec. 1967	1968
19680088245	Cryogenic filament-wound tank evaluation monthly progress report, 23 jan. - 22 feb. 1968	1968
19680088248	A force balance system for the measurement of skin friction drag force in the presence of large vibrations and temperatures semiannual status report	1968
19680088250	Hydrogen-fluorine engine evaluation monthly status report, 1-31 jan. 1968	1968
19680088263	Investigation of deep flaws in thin wall tanks monthly progress report, 1-31 jan. 1968	1968
19680088272	Stress corrosion cracking of titanium alloys - scc of titanium, pitting corrosion of titanium, and scc, corrosion fatigue and pitting of aluminum quarterly progress report, 1 oct. - 31 dec. 1967	1968
19680088302	Mars entry probe spectrum study	1968
19680088319	Nasa x-14a tip turbine roll-control fan system	1968
19680088356	The study of detonation phenomena and its possible relation to rocket motor combustion in stability status report, 1 nov. 1967 - 31 jan. 1968	1968
19680088359	Fuel cell reliability assessment quarterly progress report, 8 oct. 1967 - 8 jan. 1968	1968
19680088369	Jicamarca radar observatory space sciences experiments quarterly progress report, 1 oct. - 31 dec. 1967	1968
19680088370	Investigation of the formation and behavior of clogging material in earth and space storable propellants monthly progress report, 9 dec. 1967 - 9 jan. 1968	1968
19680088374	Fabrication of solid rocket nozzle from a composite material of boron filaments or fibers monthly report, 1-31 jan. 1968	1968
19680088388	Development of a valid stability analysis method for self-compensating thrust balance systems monthly report for dec. 1967	1968
19680088391	Observations of 10 at inferior geocentric conjunction	1968
19680088400	Progress report, september 1, 1967 - february 29, 1968	1968
19680088403	Monthly progress report, 1 january - 1 february 1968	1968
19680088405	Rocket engine ablative material phenomena monthly progress report, 1 jan. - 31 jan. 1968	1968
19680088406	Investigation of methods for transpiration cooling liquid rocket chambers monthly status report, period ending 23 feb. 1968	1968
19680088407	Study of dynamic and static seals for liquid rocket engines quarterly report, oct. 1 - dec. 31, 1967	1968
19680088414	An investigation of nonlinear interactions of electromagnetic waves and plasmas final report	1968
19680088423	Reinforced oxide throat insert development monthly progress report, 1-31 dec. 1967	1968
19680088424	Investigation of resin systems for improved ablative materials quarterly report, 30 sep. - 29 dec. 1967	1968
19680088425	Space storable regenerative cooling investigation monthly progress report, 1-31 dec. 1967	1968
19680088427	RI10 rocket engine monthly technical report, 1 dec. 1967 - 1 jan. 1968	1968
19680088428	Thermodynamic improvements in lh2-turbopumps monthly status report, period ending 16 jan. 1968	1968
19680088429	Space storable propellant performance program monthly progress report for dec. 1967	1968
19680088439	Improvement of efficiency and life of expulsion bladders and diaphragms monthly status letter, 1-31 jan. 1968	1968
19680088441	Research program to extend cascade data to liquids and higher inlet angles monthly progress report, 31 dec. 1967 - 31 jan. 1968	1968
19680088443	Cyclic flow growth in 2014-t62 aluminum and 6ai-4v /eli/ titanium monthly progress report, 1-31 jan. 1968	1968
19680088444	Chamber technology for space storable propellants monthly progress report, 26 dec. 1967 - 26 jan. 1968	1968
19680088450	The investigation of flame spreading over the surface of igniting solid propellants quarterly letter report, 16 oct. 1967 - 15 jan. 1968	1968
19680088465	Semiannual status report, september 1, 1967 - february 29, 1968	1968
19680088468	Orbital refueling and checkout study final report	1968
19680088469	Study of minimum pressure loss in high velocity duct systems quarterly report	1968
19680088473	Technology acquisition patterns among industrial scientists and engineers	1968
19680088479	Leakage testing handbook progress report, 12 oct. 1967 - 1 feb. 1968	1968
19680088482	High frequency combustion instability - mathematical analysis monthly progress report	1968
19680088484	Flow of single and two phase fluids in lines semiannual status report	1968
19680088498	Investigation of boundary layer transition progress report, 1 oct. - 31 dec. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088500	Liquid hydrogen positive expulsion bladders monthly progress report, 1 dec. 1967 - 31 jan. 1968	1968
19680088504	Investigation of advanced thrust chamber designs monthly progress report, 6 dec. 1967 - 6 jan. 1968	1968
19680088505	Post test analysis of ablative materials monthly letter report	1968
19680088506	Investigation of superconducting interactions quarterly report, 1 oct. - 31 dec. 1967	1968
19680088507	The characteristics and standard variability of tensile properties of composite solid propellants monthly progress report, 1-31 dec. 1967	1968
19680088508	Propellant selection for spacecraft propulsion systems quarterly status report, 6 oct. 1967 - 12 jan. 1968	1968
19680088515	Cryogenic filament-wound tank evaluation monthly progress report, 23 dec. 1967 - 22 jan. 1968	1968
19680088516	Resonant systems for dynamic transducer evaluations quarterly report	1968
19680088517	Space storable regenerative cooling investigation monthly progress report	1968
19680088518	Cryogenic tank support evaluation monthly progress report, 31 dec. 1967 - 31 jan. 1968	1968
19680088519	Properties of powdered titanium alloys monthly progress report, 1-28 jan. 1968	1968
19680088520	Space storable thruster investigation monthly progress report, 1-31 jan. 1968	1968
19680088521	A study of thin film vacuum deposited junctions annual status report	1968
19680088522	Development of hydrogen-oxygen catalysts monthly progress report, 1-31 jan. 1968	1968
19680088523	Advanced injector concepts investigation monthly progress report	1968
19680088524	Stability characterization of advanced injectors	1968
19680088526	Operational support plan for the real-time auxiliary computing facility lv-502/csm-020 flight annex	1968
19680088528	Coatings for regenerative engines monthly report	1968
19680088531	Advanced development model of a mobile meteorological station final report, sep. 1964 - mar. 1967	1968
19680088532	Qualification tests of thiokol chemical corporation te-m-364-3 solid-propellant rocket motors tested in the spin and no-spin mode at simulated altitude conditions, part 2	1968
19680088539	Modification of ablative program for ablation in more than one layer monthly report, 5 jan. - 4 feb. 1968	1968
19680088562	Investigation of resin systems for improved ablative materials monthly progress report, 30 dec. 1967 - 26 jan. 1968	1968
19680088573	Advanced pyrolytic spacecraft thrust chamber materials monthly letter progress report, dec. 23, 1967 - jan. 22, 1968	1968
19680088574	Space storable propellant performance monthly progress report, dec. 1-31, 1967	1968
19680088585	Cryogenic gas storage system monthly progress report for feb. 1968	1968
19680088594	Theoretical and experimental studies in ultraviolet solar physics semiannual status report, 1 aug. 1967 - 31 jan. 1968	1968
19680088595	Fluorine-hydrogen performance investigation program monthly progress report, dec. 27, 1967 - jan. 26, 1968	1968
19680088596	A study of the physics of ultrasoft x-rays semiannual status report, aug. 1, 1967 - jan. 31, 1968	1968
19680088597	Space related scientific and technical investigations semiannual progress report, feb. 28 - aug. 31, 1967	1968
19680088598	Accelerated service evaluation of the j79-ge-10 engine, phase 2 interim report, 3 feb. - 29 may 1967	1968
19680088637	Determining the feasibility and economic impact of v/stol aircraft for the appalachian region progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680088639	Meteoroid bumper interactions program monthly progress report, 1-31 jan. 1968	1968
19680088640	Meteoroid bumper interactions program monthly progress report, 1-31 jan. 1968	1968
19680088641	The effect of composition on the mechanism of stress-corrosion cracking of titanium alloys in n2o4, and aqueous and hot-salt environments quarterly progress report, aug. - oct. 1967	1968
19680088642	Attitude dynamics of the s-4b orbital workshop influenced by gravitational and aerodynamic torques	1968
19680088645	Lunar sample analysis semiannual progress report, 1 jul. - 31 dec. 1967	1968
19680088650	Velocity distributions and electron moment equations semiannual report	1968
19680088655	Air pressure changes during flying and their effect on teeth and jaws die wicklung der luftdruckveraenderung beim flug uf zaehne und kiefer	1968
19680088662	Technical investigation of false azimuth lock-ons in the tacan navigation system interim report	1968
19680088664	Fiber reinforced metals	1968
19680088666	Reinforced oxide throat insert development monthly progress report, 1-31 jan. 1968	1968
19680088669	Liquid hydrogen positive expulsion bladders monthly progress report, 1-29 feb. 1968	1968
19680088670	Seventh monthly letter report, 1-29 february 1968	1968
19680088674	High-energy-rate processes	1968
19680088687	Research program to extend cascade data to liquids and higher inlet angles monthly progress report, 1-29 feb. 1968	1968
19680088688	Coatings for regenerative engines monthly report, 1-29 feb. 1968	1968
19680088689	R110 rocket engine monthly technical report, 1 jan. - 1 feb. 1968	1968
19680088691	Study of cryogenic propellant stratification reduction techniques monthly progress report, 1-31 jan. 1968	1968
19680088708	Ablative chamber test program monthly technical progress report, 1-29 feb. 1968	1968
19680088712	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process monthly progress report	1968
19680088719	Electron beam welding of thick sections interim engineering progress report, 15 sep. - 15 dec. 1967	1968
19680088734	Low pressure restartable oxygen/hydrogen burner monthly status report, 1-29 feb. 1968	1968
19680088735	Hydrogen-fluorine engine evaluation monthly status report, 1-29 feb. 1968	1968
19680088739	Combustion instability and random wave phenomena quarterly report, 1 nov. 1967 - 31 jan. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088749	Technical studies on the communications satellites progress report, 1 nov. 1967 - 31 jan. 1968	1968
19680088750	Structural and spectral studies of sunspots semiannual status report, 1 sep. 1967 - 1 mar. 1968	1968
19680088752	Independent tracking coordination program quarterly report, 1 oct. - 31 dec. 1967	1968
19680088753	Main tank injection pressurization monthly report, 1-31 jan. 1968	1968
19680088754	Advanced pyrolytic spacecraft thrust chamber materials monthly progress report, 23 jan. - 22 feb. 1968	1968
19680088755	Research in cosmic and solar physics semiannual progress report	1968
19680088756	The characteristics and standard variability of composite solid propellant tensile properties monthly progress report, 1-31 jan. 1968	1968
19680088760	Evaluation of lubricant additives to rj-1	1968
19680088765	Research in the field of molecular collision phenomena using molecular beam techniques semiannual status report, 1 apr. - 30 sep. 1967	1968
19680088767	Combustion of metals progress report for feb. 1968	1968
19680088768	Mission b-1/lm-1/apollo 5/ separation and recontact analysis s-ivb/lm-1 separation. volume 1 - pra/atca control	1968
19680088769	260-inch motor reliability study monthly progress report, 23 dec. 1967 - 26 jan. 1968	1968
19680088774	Fluorine-hydrogen performance investigation program monthly progress report, 27 jan. - 26 feb. 1968	1968
19680088776	Investigation of the reinforcement of ductile metals with strong, high modulus discontinuous, brittle fibers quarterly report	1968
19680088781	Apollo 6 /a-2 or as-s02/020/ operational spacecraft abort plan	1968
19680088792	High pressure extrusion development interim technical engineering report no. 6, 1 oct. - 31 dec. 1967	1968
19680088793	Cosmic-ray investigations utilizing an emulsion chamber-calorimeter combination semiannual status report, 1 jul. - 31 dec. 1967	1968
19680088795	Investigation of near critical and supercritical burning of fuel droplets quarterly progress report, 1 dec. 1967 - 29 feb. 1968	1968
19680088796	An investigation in irreversible macroscopic phenomena progress report, jul. 1967 - feb. 1968	1968
19680088804	Design, development, and fabrication of portable instrumentation for nondestructive testing of composite honeycomb materials quarterly report, 1 oct. - 31 dec. 1967	1968
19680088812	Chamber technology for space storable propellants monthly progress report for period ending 26 feb. 1968	1968
19680088824	Neurophysiological and behavioral studies of chimpanzees semiannual report, 1 jul. - 31 dec. 1967	1968
19680088825	Experimental and theoretical investigation of plasma radiation semiannual status report, sep. 1967 - feb. 1968	1968
19680088828	Solar power subsystem for apollo lunar experiments package, volume 1 final report	1968
19680088841	Development and qualification of the msfc collar swage connector progress report for jan. 1968	1968
19680088844	Rocket plume in counterflow monthly status report	1968
19680088846	Space cell test program monthly progress report	1968
19680088848	Development of multivariate functional models progress report, 1 aug. 1967 - 31 jan. 1968	1968
19680088851	Design, development and fabrication of a biochemical field instrument quarterly report, 26 sep. - 25 dec. 1967	1968
19680088855	Sixth monthly letter report	1968
19680088856	Study of dust devils in relation to the martian yellow clouds interim progress report, 1 sep. 1967 - 31 jan. 1968	1968
19680088858	Technical development plan, parts a and b, supplement	1968
19680088866	Engineering evaluation of wet input splines for sundstrand 30 kva constant speed drives in the f-4j airplane with j79-ge-10 engines interim report, 17 aug. - 28 nov. 1967	1968
19680088872	Automatic symbol processing final report	1968
19680088876	System analysis of gelled space-storable propellants quarterly progress report, 4 nov. 1967 - 4 feb. 1968	1968
19680088884	Influence of structure and material research on advanced launch systems weight, performance, and cost. users manual vehicle and structural design synthesis program	1968
19680088888	Advanced array research quarterly report, 15 sep. - 14 dec. 1967	1968
19680088898	Study of the mechanics of non-newtonian fluids quarterly status report	1968
19680088899	Multidisciplinary research in space-related physical, engineering and life sciences semiannual report, 1 aug. 1967 - 31 jan. 1968	1968
19680088901	Sampling tests of two types ms 90447-2, 22.7-volt, 6 ampere-hour, nickel-cadmium aircraft batteries, manufactured by gulton industries	1968
19680088909	High power gas laser research quarterly progress report, 1 sep. - 30 nov. 1967	1968
19680088925	United aircraft automatic symbol processing system users' description final report	1968
19680088926	Investigation of deep flaws in thin wall tanks monthly progress report, 1-29 feb. 1968	1968
19680088928	Evaluation of protective coatings for rocket engines monthly report, 1-29 feb. 1968	1968
19680088929	Theoretical investigation of langmuir probe characteristics and of electron temperatures in the ionosphere and protonosphere and of airglow semiannual report, 1 apr. 1967 - 31 jan. 1968	1968
19680088935	Design of two types of high pressure air arc heaters and an outline of an experimental program for evaluation	1968
19680088937	Balloon project progress report, apr. 1967 - feb. 1968	1968
19680088938	Propellant selection for spacecraft propulsion systems eight monthly status letter, 6 feb. - 5 mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680088939	Space environment operation of experimental hydrazine reactors contract status letter, 1-29 feb. 1968	1968
19680088942	Earth resources survey disciplines quarterly status report, 1 dec. 1967 - 29 feb. 1968	1968
19680088946	Properties of simple atoms and ions semiannual report, 1 jul. - 31 dec. 1967	1968
19680088947	Physical and nuclear research centers in poland	1968
19680088948	Status of computers in czechoslovakia at the end of 1967	1968
19680088953	Reentry radiation and airflow quarterly progress report, 1 dec. 1967 - 29 feb. 1968	1968
19680088956	Propellant selection for spacecraft propulsion systems seventh monthly status letter, 13 jan. - 5 feb. 1968	1968
19680088959	An optimum design of a force assisted space suit elbow joint	1968
19680088961	Constructing and testing an analyzer designed to measure the energy and charge spectra of the solar wind	1968
19680088962	X-ray analysis of lunar materials quarterly progress report, 13 nov. 1967 - 9 feb. 1968	1968
19680088967	Planning research in the area of launch vehicle and propulsion programs progress report, feb. 1-29, 1968	1968
19680088968	Techniques for ruling improved large diffraction gratings semiannual report, 1 sep. 1967 - 1 mar. 1968	1968
19680088970	Nasa general purpose structural analysis program /nastran/ quarterly report, 1 oct. 1967 - 1 jan. 1968	1968
19680088975	Energy dissipation characteristics in tissue for ionizing radiation in space progress report, 1 dec. 1967 - 29 feb. 1968	1968
19680088984	Effects of aerodynamic torque on an asymmetric, gravity-stabilized satellite	1968
19680088988	Mechanical properties of lexan final report	1968
19680089009	Objective criteria for eliminating lower atmospheric effects from field tests of army communications-electronics systems	1968
19680089018	Hydrogen maser studies of relativity	1968
19680089019	Astrometric and astrophysical investigations of comets, minor planets, and satellites semiannual status report, 1 aug. 1967 - 31 jan. 1968	1968
19680089029	Fixed-attitude abort procedures for aborts occurring during translunar injection	1968
19680089030	Apollo 6 /a-2 or as-502/020/ spacecraft operational alternate mission plan	1968
19680089034	Semiannual status report, 1 august 1967 - 31 january 1968	1968
19680089035	New concepts in structural design status progress report, jun. 1 - nov. 30, 1967	1968
19680089036	Flox/methane pump-fed engine study monthly progress report, 6 feb. - 5 mar. 1968	1968
19680089041	Chemical reactivity of hydrogen, nitrogen and oxygen atoms at temperatures below 100 deg k	1968
19680089043	The theoretical aerodynamic characteristics of two-lobed parawings with straight rigid leading edge spars and cambered keels	1968
19680089046	Investigation of instabilities of atmospheric flow systems associated with clear air turbulence quarterly progress report, 16 nov. 1967 - 15 feb. 1968	1968
19680089048	An investigation of ionospheric properties by means of satellite transmissions, including consideration of vertical columnar electron density semiannual report, 1 aug. 1967 - 31 jan. 1968	1968
19680089050	Analysis and testing of aircraft seats quarterly technical progress report, 1 nov. 1967 - 31 jan. 1968	1968
19680089051	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive-bonding process, 1 january - 15 february 1968	1968
19680089053	Radiation hazards to man on extended missions quarterly progress report, nov. 1967 - jan. 1968	1968
19680089054	Cryogenic tank support evaluation monthly progress report, 31 jan. - 29 feb. 1968	1968
19680089055	Planning research in the area of launch vehicle and propulsion programs monthly progress report, 1-31 jan. 1968	1968
19680089056	Correlation between solid propellant mechanical properties and explosion effects progress report, 1 - 29 feb. 1968	1968
19680089057	Review and evaluation of the past solar cell development efforts	1968
19680089058	Fabrication of solid rocket nozzle from a composite material of boron filaments or fibers monthly report	1968
19680089059	Liquid propellant gas absorption study monthly progress report	1968
19680089060	Research in photochemistry and enzymology of photosynthesis quarterly status report, 5 dec. 1967 - 5 mar. 1968	1968
19680089061	Rocket engine ablative material phenomena monthly progress report, 1-29 feb. 1968	1968
19680089062	Space storable thruster investigation monthly progress report, 12 feb. - 1 mar. 1968	1968
19680089063	A pilot study to determine the prospects of applying space-generated technology to the technology needs of developing nations monthly progress report, 1 feb. - 1 mar. 1968	1968
19680089064	Spacecraft rocket engine chamber insulation materials monthly progress report for period ending 29 feb. 1968	1968
19680089065	Investigation of light hydrocarbon fuels with fluorine-oxygen mixture as liquid rocket propellants monthly progress report, 1-29 feb. 1968	1968
19680089066	Space storable regenerative cooling investigation monthly progress report, 1-29 feb. 1968	1968
19680089067	Properties of powdered titanium alloys summary report, 28 jun. 1967 - 28 jan. 1968	1968
19680089072	Underwater scattering and propagation of acoustic waves annual summary report, 1967	1968
19680089075	Cryogenic high modulus composites monthly progress report, 1-29 feb. 1968	1968
19680089093	Final Beep Reconstruction Results for GLV-8 /U/	1968
19680089126	Ignition of oxygen difluoride and lpg's monthly progress report, 1-29 feb. 1968	1968
19680089127	Investigation of the mechanical characteristics of the bossler coupling bimonthly progress report for period ending 29 feb. 1968	1968
19680089128	Space storable regenerative cooling investigation monthly progress report for feb. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089129	Stress-corrosion cracking of titanium alloys quarterly progress report, jan. - mar. 1968	1968
19680089131	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive-bonding process monthly report, 1-29 feb. 1968	1968
19680089146	Investigation of advanced regenerative thrust chamber designs monthly report, 16 feb. - 16 mar. 1968	1968
19680089147	Post test analysis of ablative materials	1968
19680089163	Study of cryogenic propellant stratification reduction techniques monthly progress report, 1-29 feb. 1968	1968
19680089230	Advanced ramjet concepts /u/ final oral report	1968
19680089245	Fluorine lubricated bearing technology monthly report for feb. 1968	1968
19680089246	Development of an effective reliable lift-off seal for use in advanced turbomachinery monthly report for feb. 1968	1968
19680089250	Analytical study of catalytic reactors for hydrazine decomposition monthly progress report, 15 feb. - 14 mar. 1968	1968
19680089254	Propulsive re-entry aerodynamics (rocket plume in counterflow/ quarterly letter report, dec. 1967 - mar. 1968	1968
19680089255	Reinforced oxide throat insert development monthly progress report, 1-29 feb. 1968	1968
19680089256	The rb57 f aircraft program for earth resources remote sensing, case 710	1968
19680089257	Monthly technical progress report for february 1968	1968
19680089258	Development of a valid stability analysis method for self compensating thrust balance systems monthly report	1968
19680089265	Advanced injector concepts investigation monthly progress report, 1 feb. - 1 mar. 1968	1968
19680089273	Fluorine lubricated bearing technology monthly report, dec. 1967	1968
19680089350	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the electroforming process monthly progress report, 5 feb. - 2 mar. 1968	1968
19680089351	New fluorine-containing elastomers for space-propulsion applications monthly progress report, feb. 1968	1968
19680089354	High temperature heat transfer progress report, 1 jul. - 31 dec. 1967	1968
19680089355	Develop balloon systems and conduct high- altitude balloon flights quarterly status report, 1 dec. 1967 - 29 feb. 1968	1968
19680089356	Molecular beam surface interaction quarterly progress report, 25 oct. 1967 - 25 jan. 1968	1968
19680089357	Development of a protective coating system for regeneratively cooled thrust chambers monthly progress report, 1-29 feb. 1968	1968
19680089362	Thermodynamic improvements in liquid hydrogen turbopumps monthly progress report, period ending 17 mar. 1968	1968
19680089364	Novel techniques for ruling improved large diffraction gratings semiannual status report, 1 oct. 1967 - 31 mar. 1968	1968
19680089365	Protective coatings for refractory metals in rocket engines monthly letter report, 13 jan. - 13 feb. 1968	1968
19680089366	Investigation of the formation and behavior of clogging material in earth and space storable propellants monthly progress report, 9 jan. - 9 feb. 1968	1968
19680089367	Liquid propellant gas absorption study quarterly progress report, 1 jan. - 31 mar. 1968	1968
19680089368	Space storable propellant performance monthly progress report, 1-29 feb. 1966	1968
19680089370	Investigation of advanced thrust chamber designs monthly progress report, 6 feb. - 6 mar. 1968	1968
19680089371	Development of tig weld techniques as applied to thoria dispersed nickel	1968
19680089373	Free vibration of ring and stringer stiffened cylindrical shells with stiffeners treated as discrete elements semiannual status report for period ending mar. 1968	1968
19680089374	Measurement of transition probabilities for selective elements in the lanthanide group quarterly report, 1 apr. 1967 - 31 mar. 1968	1968
19680089388	Tungsten water-moderated nuclear rocket program, volume 3 /u/ status report	1968
19680089456	Revised apollo communication systems performance and coverage analysis for mission as-502	1968
19680089457	Translations on french nuclear, missile, space and related military developments	1968
19680089459	Inducer dynamics partial-flow turbine drive monthly progress report	1968
19680089460	Hybrid computer study of the human systemic venous system - a proposal	1968
19680089462	A program to investigate, characterize, and describe meteorites in the collections of arizona state university semiannual status report, 1 sep. 1967 - 29 feb. 1968	1968
19680089463	An experimental investigation of spin-lattice interactions semiannual status report	1968
19680089464	Saturn 5 as-503 launch vehicle operational flight trajectory-initial /boilerplate configuration/, volume 1	1968
19680089466	An analytical investigation of thrust vector control by secondary injection semiannual progress report	1968
19680089467	S-band power amplifier improvement study	1968
19680089468	Progress report, period ending 31 march 1968	1968
19680089479	Apollo csm ecs/thermal integrated analysis program. program no. hx101a - user's manual	1968
19680089482	Two hundred sixty-inch motor reliability study monthly progress report 27 jan. - 23 feb. 1968	1968
19680089485	Saturn v as-503 launch vehicle operational flight trajectory-initial /boilerplate configuration/, volume 2	1968
19680089486	Partial-flux switching in multiaperture ferrite devices	1968
19680089491	Methods of achieving and maintaining physical fitness for prolonged space flight. experiment 2 - the effects of various work loads on the development of physical fitness in college men progress report, 1 sep. - 31 dec. 1967	1968
19680089494	Properties of multilayer filters interim report, 1 sep. 1967 - 29 feb. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089495	Investigation of the effects of thermal and chemical non-equilibrium on combustion in supersonic streams progress report for period ending 31 mar. 1968	1968
19680089496	A study of the fluctuating pressure field in regions of induced flow separation at supersonic speeds progress report, 1 jun. - 1 nov. 1967	1968
19680089497	Investigation of space-related "whistler" propagation phenomena in laboratory plasmas semiannual report, 1 jun. - 31 dec. 1967	1968
19680089498	Analysis of large deformation of shells progress report, 1 aug. 1967 - 31 jan. 1968	1968
19680089503	Apollo/saturn consolidated instrumentation plan for as-502 /apollo 6/	1968
19680089509	Investigation of the longitudinal vibration of liquid fueled launch vehicles semiannual progress report, 16 sep. 1967 - 15 mar. 1968	1968
19680089510	A study of surface effects in gauges for ultrahigh vacuum pressure measurement progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680089529	Multidisciplinary research in space related sciences and engineering semiannual report, jul. - dec. 1967	1968
19680089530	Preliminary design considerations of four high pressure air arc heaters employing multiple arc discharges	1968
19680089531	Sounding rocket flight report - nasa 18.06 thermosphere probe experiment	1968
19680089532	Spacecraft antenna problems semiannual status report, 1 aug. 1967 - 31 jan. 1968	1968
19680089533	Investigation of building structure response to sonic booms semiannual report, 1 jul. - 31 dec. 1967	1968
19680089535	Translations on french nuclear, missile, space, and related military developments	1968
19680089536	Main tank injection pressurization monthly report, 1 feb. - 22 mar. 1968	1968
19680089537	An evaluation of interference filters for hydrogen-alpha telescopes for the apollo telescope mount final report	1968
19680089539	Meteoroid bumper interactions program monthly progress report, 1-28 feb. 1968	1968
19680089545	Meteor research program bimonthly progress report, 1 dec. 1967 - 31 jan. 1968	1968
19680089546	Satellite navigation studies quarterly progress report, 1 jul. - 30 sep. 1967	1968
19680089547	Cryogenic positive expulsion diaphragm monthly progress report, 1-29 feb. 1968	1968
19680089548	Apollo-saturn 5 ground safety plan	1968
19680089588	Apollo flight mission assignments /u/	1968
19680089597	Supplemental agreement monthly status report, 1-29 feb. 1968	1968
19680089605	System analysis of gelled space-storable propellant monthly progress report, 4 feb. - 3 mar. 1968	1968
19680089606	Re-entry f turbulent heat experiment. nose tip malta test - results and evaluation, test no. 2	1968
19680089609	Cryogenic filament-wound tank evaluation monthly progress report, 23 feb. - 22 mar. 1968	1968
19680089610	Fluorine-hydrogen performance evaluation quarterly progress report, period ending 26 mar. 1968	1968
19680089625	An investigation of the influence of cyclic prestressing on fatigue of metals progress report	1968
19680089628	Analysis and design of a capsule landing system and surface vehicle control system for mars exploration progress report, jun. 1, 1967 - jan. 30, 1968	1968
19680089629	Study of technology requirements for near mars/venus operations. appendix to volume 3 - parametric operations analysis final report	1968
19680089630	Study of technology requirements for near mars/venus operations. volume 3 - compatibility analysis, mission profile definition, and technology requirements final report	1968
19680089631	Study of technology requirements for near mars/venus operations. volume 2 - scientific goals and requirements final report	1968
19680089641	Behaviour of neurones in area a2 of the unanaesthetized auditory cortex of the cat final technical report, 1 mar. 1966 - 28 feb. 1967	1968
19680089643	Theoretical and experimental evaluation of inelastic neutron scattering and other neutron induced reactions for remote surface analysis semiannual report, oct. 1, 1967 - mar. 31, 1968	1968
19680089644	Semiannual status report	1968
19680089646	Annual status report, year ending february 1968	1968
19680089647	Satellite motion near an oblate spheroid and interatomic potentials of binary systems	1968
19680089648	Multi-disciplinary research in space-related sciences and technology	1968
19680089649	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy	1968
19680089650	Operations weather warnings	1968
19680089651	Space storable thruster investigation monthly progress report 1-29 feb. 1968	1968
19680089652	Fluorine lubricated bearing technology monthly report, mar. 1968	1968
19680089653	Cryogenic positive expulsion diaphragm monthly progress report, mar. 1-31, 1968	1968
19680089654	Launch phase abort analysis for a 50-degree orbital inclination trajectory	1968
19680089658	A study of high performance antenna systems for deep space communication semiannual status report, 15 jul. 1967 - 15 feb. 1968	1968
19680089662	Advanced bearing study quarterly progress report, 1 jan. - 31 mar. 1968	1968
19680089669	Development of a valid stability analysis method for self-compensating thrust balance systems monthly report, mar. 1968	1968
19680089672	The melp system - a spectrally selective film of high quantum efficiency quarterly report, jan. 1 - mar. 31, 1968	1968
19680089677	Apollo mission techniques mission c /as-205/ csm-101/ retrofire and reentry. volume 1 - techniques description	1968
19680089679	Apollo 4 mission report, supplement 9	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680089680	Automation of a technique for determining bacterial sensitivity to antibiotics	1968
19680089681	Zinc inorganic silicates as protective coatings for steel decks of floating drydocks. in-service tests of 14 coatings exposed for 35 months final report, jun. 1964 - may 1967	1968
19680089682	Accelerated aging and compatibility study of otto fuel ii in torpedo mark 46 mod 1 fuel tank	1968
19680089712	Study of technology requirements for near mars/venus operations. volume 1 - summary final report	1968
19680089722	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids monthly letter progress report	1968
19680089723	Coatings for regenerative engines monthly report	1968
19680089724	Hydrogen-fluorine engine evaluation quarterly progress report, 1 jan. - 31 mar. 1968	1968
19680089726	Correlation between solid propellant mechanical properties and explosion effects progress report, mar. 1-31, 1968	1968
19680089727	Development and demonstration of criteria for liquid fluorine feed system components monthly report, 1 mar. - 1 apr. 1968	1968
19680089728	The investigation of flame spreading over the surface quarterly letter report, 16 jan. - 15 apr. 1968	1968
19680089742	The real-time auxiliary computing facility apollo 6 /a-2/csm-020/ operational support team	1968
19680089743	Properties of powdered titanium alloys monthly progress, 4-31 mar. 1968	1968
19680089747	Investigations into the mechanism and rates of atmospheric mixing in the lower thermosphere semiannual status report	1968
19680089748	The continuum interpretation for fracture and adhesion progress report, period ending 15 mar. 1968	1968
19680089750	Research program to extend cascade data to liquids and higher inlet angles monthly progress report, 29 feb. - 31 mar. 1968	1968
19680089751	Rocket engine ablative material phenomena monthly progress report, 1-31 mar. 1968	1968
19680089756	Study of dual channel spectroradiometer systems monthly progress report, period ending 31 mar. 1968	1968
19680089759	Inducer dynamics partial-flow turbine drive monthly progress report	1968
19680089767	Ablative chamber test program monthly technical progress report, 1-31 mar. 1968	1968
19680089774	Factors influencing the perception of angular acceleration in man semiannual status report	1968
19680089775	Cryogenic high modulus composites monthly progress report, 1-31 mar. 1968	1968
19680089784	A study of the chemosynthetic gas exchanger quarterly progress report, 14 dec. 1967 - 14 mar. 1968	1968
19680089785	Development of a filament-overwrapped cryoformed metal pressure vessel monthly progress report, mar. 1968	1968
19680089786	Dmic review of recent developments - metalworking	1968
19680089787	Monthly Technical Progress Report, March 1968	1968
19680089788	Thermal profiles of the delta spacecraft fairings, volume 6	1968
19680089789	Eighth monthly letter report, march 1968	1968
19680089790	Analytical study on non-continuum flow processes in nozzles monthly status letter no. 2, 1-31 mar. 1968	1968
19680089791	Minimum pressure loss in high velocity flow duct systems monthly progress report	1968
19680089891	Flight evaluation of engine exhaust smoke abatement change for j52-p-6a engine /u/ interim report	1968
19680089925	Design and develop both ground stations and flight packages for measuring electron densities from ARCAS rockets	1968
19680089926	Stress corrosion cracking of titanium alloys semiannual report, 1 jul. - 31 dec. 1967	1968
19680089932	Reactor filter	1968
19680089953	Research investigation of the decomposition of composite solid propellants quarterly status letter, jan. 6 - apr. 5, 1968	1968
19680089954	System analysis of gelled space-storable propellant monthly progress report, 4 mar. - 3 apr. 1968	1968
19680089956	Investigation of methods for transpiration cooling liquid rocket chambers monthly status report, 9 mar. - 9 apr. 1968	1968
19680089957	Cryogenic tank support evaluation monthly progress report, 29 feb. - 31 mar. 1968	1968
19680089961	Investigation of advanced thrust chamber designs monthly progress report, mar. 6 - apr. 6, 1968	1968
19680089962	Two-hundred sixty-inch motor reliability study monthly progress report, 24 feb. - 22 mar. 1968	1968
19680089963	Reinforced oxide throat insert development monthly progress report, 1-31 mar. 1968	1968
19680089964	Coatings for advanced thrust chambers monthly report	1968
19680089965	Space storable propellant performance program monthly progress report, mar. 1968	1968
19680089966	Protective coating system for a regeneratively cooled thrust chamber monthly progress report, 1-31 mar. 1968	1968
19680090013	Annual report of the defence research telecommunications establishment, 1966	1968
19680090062	Development of instrumentation to search for neutrons and gamma rays from solar surface nuclear reactions /conduct scientific balloon experiments with instrumentation/ annual status report, 1 feb. 1967 - 31 jan. 1968	1968
19680090064	Nonequilibrium gasdynamics quarterly report for period ending 31 mar. 1968	1968
19680090069	Reentry postflight trajectory reconstruction and guidance evaluation for as-501 /csm-017/	1968
19680090073	Lockheed industrial products modified an fittings test report	1968
19680090089	Semiannual report of activities, 1 october 1967 - 31 march 1968	1968
19680090097	Development of solar panel system for thermally annealing radiation damaged solar cells second quarterly periodic progress report, 1 oct. 1967 - 1 jan. 1968	1968
19680090098	Study of laser deposited thin films quarterly report, 5 nov. 1967 - 4 feb. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090099	Research in coronal and chromospheric physics semiannual progress report, 1 oct. 1967 - 31 mar. 1968	1968
19680090100	The attenuation of radiant energy in hot seeded hydrogen - an experimental study related to the gaseous core nuclear rocket semiannual status report, 1 sep. 1967 - 29 feb. 1968	1968
19680090120	An investigation of tandem row high head pump inducers quarterly progress report, 1 jan. - 31 mar. 1968	1968
19680090134	Bimonthly progress report	1968
19680090135	The characteristics and standard variability of composite solid propellant tensile properties monthly progress report, mar. 1-31, 1968	1968
19680090147	Meteoroid bumper interactions program monthly progress report, 1-31 mar. 1968	1968
19680090154	Humidity qualification test report for c250a test set, electrical power	1968
19680090155	Demonstration of a high-thrust hybrid thrust chamber assembly	1968
19680090176	Shadow shield development monthly progress report, 1 mar. - 1 apr. 1968	1968
19680090181	Infrared filter wedge spectrometer instrument for nimbus d satellite quarterly report, 1 oct. 1967 - 1 jan. 1968	1968
19680090182	Investigation of spectra in the vacuum uv and soft x-ray region semiannual report, 1 sep. 1967 - 1 mar. 1968	1968
19680090183	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen quarterly progress report for period ending 31 mar. 1968	1968
19680090184	Space storable thruster investigation monthly progress report, 2-29 mar. 1968	1968
19680090185	Space storable regenerative cooling investigation monthly progress report, 1-31 mar. 1968	1968
19680090186	Experimental and theoretical investigation of the rheological properties of materials and a visual study of the flow in the sublayer of drag reducing fluids final report, for period ending 31 oct. 1967	1968
19680090187	Flox/methane pump-fed engine study quarterly progress report	1968
19680090188	RI10 rocket engine monthly technical report, 1 mar. - 1 apr. 1968	1968
19680090194	Ebw pressure cartridge monthly progress report	1968
19680090196	Development of a scanning system for the mariner spacecraft quarterly report, 1 nov. 1967 - 31 jan. 1968	1968
19680090197	Synchrotron radiation as a standard source semiannual report, 1 jan. - 31 mar. 1968	1968
19680090207	Rocket plume in counterflow monthly status report	1968
19680090209	Sensor definition study in support of unified space applications mission /usam/	1968
19680090227	Development of a mechanical time delay pyrogen for use with the apache rocket motor final report, 23 may 1967 - 1 mar. 1968	1968
19680090228	An assessment of the work in minimum variance orbit determination, part 1 final report	1968
19680090229	Apollo communications systems performance and coverage analysis for mission as-502	1968
19680090231	Space systems analysis and computer programming services quarterly progress report, 1 jan. - 31 mar. 1968	1968
19680090232	Programmer's manual for the advanced mission analysis programs	1968
19680090249	Project apollo quarterly report, 1 oct. 1967 - 1 jan. 1968	1968
19680090261	A study of selected radiation and propagation problems related to antennas and probes in magneto-ionic media semiannual progress report, 1 oct. 1967 - 31 mar. 1968	1968
19680090264	Nike-tomahawk 18.63 ue launched at fort churchill on march 21, 1968 preliminary report	1968
19680090269	Monthly letter report, march 1968	1968
19680090297	Sonic boom research - progress and plans	1968
19680090303	Sodium vapor experiment quarterly progress report, 1 oct. - 31 dec. 1967	1968
19680090304	Nonpersonal scientific and engineering services in support of the spacecraft technology division quarterly performance evaluation report, dec. 1967 - feb. 1968	1968
19680090305	Development of nimbus b computer programs quarterly report, 1 oct. - 30 dec. 1967	1968
19680090306	Quarterly status report, january 13 - april 13, 1968	1968
19680090320	Redistribution of body fluids, tissue components and renal function during non-active states progress report, Jun. 1, 1967 - Mar. 15, 1968	1968
19680090321	The development of methods for the early identification of heart disease and related job stresses final report, 1 mar. 1967 - 29 feb. 1968	1968
19680090322	Multidisciplinary space-related research program semiannual report, 1 jun. - 30 nov. 1967	1968
19680090323	Electron multiplier development quarterly report, 15 nov. 1967 - 15 feb. 1968	1968
19680090324	Preparatory research on probabilistic information processing progress report, 15 jul. 1967 - 15 apr. 1968	1968
19680090325	Determination of stability derivatives from flight data quarterly status report, 1 dec. 1967 - 29 feb. 1968	1968
19680090335	Thermodynamic improvements in liquid hydrogen turbopumps monthly progress report, period ending 17 apr. 1968	1968
19680090353	Spacecraft rocket engine chamber insulation materials quarterly progress report, 1 jan. - 31 mar. 1968	1968
19680090354	Particle measurements - atomic collisions in the laboratory and plasmas in space, july 1962 - november 1967	1968
19680090357	Crogenic alloy screening monthly progress report, 28 feb. - 27 mar. 1968	1968
19680090359	The effects of gravitational and inertial forces on the distribution of pulmonary blood flow	1968
19680090360	Studies of the effects of gravitational and inertial forces on cardiovascular and respiratory dynamics semiannual status report for period ending 1 apr. 1968	1968
19680090362	Experimental verification of surface vehicle dynamics monthly progress report, 1 mar. - 31 mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090364	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen quarterly report, 1 dec. 1967 - 29 feb. 1968	1968
19680090365	Control and analysis of primate behavior by brain telestimulation and telemetry annual progress report, 1 mar. 1967 - 31 mar. 1968	1968
19680090370	Progress report	1968
19680090373	Investigation of the propagation of plasma waves in inhomogeneous plasmas progress reports, 15 mar. 1967 - 14 mar. 1968	1968
19680090374	Subcellular localization of pituitary enzymes progress report, 1 sep. 1967 - 31 mar. 1968	1968
19680090409	Test and evaluation of the trim configured ap-2h aircraft and sensors /u/	1968
19680090423	Vacuum ultraviolet radiation and solid state physics semiannual status reports, 1 mar. 1967 - 29 feb. 1968	1968
19680090424	Investigation of deep flaws in thin wall tanks monthly progress report, 1-31 mar. 1968	1968
19680090425	Monthly status letter, march 1968	1968
19680090496	Multidisciplinary research program in space science and engineering semiannual report, 1 sep. 1967 - 29 feb. 1968	1968
19680090523	Occurrence of microorganisms in hilgard soil samples progress report, 15 oct. - 15 nov. 1967	1968
19680090524	Ammonifying, nitrifying, and sulfur oxidizing capacity of antarctic soils progress report	1968
19680090527	Comparison of microorganisms inhabiting three desert soils in the western hemisphere progress report, 15 nov. 1967 - 15 jan. 1968	1968
19680090528	Engineering evaluation of bendix converter p/n 9b16-3-b with 300 ampere capability final report, jan.-dec. 1967	1968
19680090537	Procedure on transistor, npn, power, switching specification control drawing no. 2479840	1968
19680090538	Transistor, medium power, silicon, npn specification control drawing no. 2479837	1968
19680090543	Qualification test of coil, radio frequency, 10215504 to specification mis 13039 and amicom dwg 10215504	1968
19680090545	Regulator-pressure, Fuel Tank, Missile-borne Test Report	1968
19680090552	Report of test on 08-00691-000 filter	1968
19680090553	Regulator-pressure, fuel tank, missile-borne test report	1968
19680090566	Systematic analysis of anions, using test papers	1968
19680090583	Surveyor-mars application	1968
19680090590	Titanium and titanium alloys	1968
19680090593	Experimental studies of fluids in the vicinity of the critical point final report, 1 mar. - 1 may 1968	1968
19680090594	Cryogenic research and development	1968
19680090595	Study of biogeochemistry of terrestrial and extraterrestrial organic matter quarterly report, 10 feb. - 10 may 1968	1968
19680090598	Development and qualification of the msfc collar swage connector	1968
19680090599	Study of the mechanics of non-newtonian fluids quarterly status report	1968
19680090601	Ground based television support for particle acceleration flights quarterly report, 15 dec. 1967 - 14 mar. 1968	1968
19680090602	Quantum theory studies of the energies of excited state atoms and molecules, particularly as they occur in the upper and stellar atmospheres, and in materials undergoing combustion	1968
19680090603	Theoretical and laboratory investigations in radio astronomy status report, 1 jan. - 31 mar. 1968	1968
19680090608	Re-entry f, turbulent heating experiment quarterly technical progress report, 1 jan. - 31 mar. 1968	1968
19680090609	Operation of cosmic-ray neutron multiplicity monitor quarterly progress report, 26 dec. 1967 - 25 mar. 1968	1968
19680090612	Flox diborane vacuum ignition studies, 15 march - 14 april 1968	1968
19680090617	Human factors problems in mathematical modelling. part 3 - the use of flow diagrams	1968
19680090618	The librational dynamics of a deformable satellite semiannual status report	1968
19680090619	Technical quarterly progress report, 1 january - 31 march 1968	1968
19680090620	Advanced bearing study monthly progress report, 1-30 apr. 1968	1968
19680090621	Design, development, and fabrication of portable instrumentation for nondestructive testing of composite materials quarterly report, 1 jan. - 31 mar. 1968	1968
19680090622	Investigation of methods for transpiration cooling liquid rocket chambers quarterly progress report, 9 dec. 1967 - 9 mar. 1968	1968
19680090623	Flox-diborane technology informal monthly status letter, 15 mar. - 15 apr. 1968	1968
19680090625	Investigation of discharge pressure oscillations in high pressure pumps monthly progress report, 28 mar. - 27 apr. 1968	1968
19680090626	Study of the mechanics of non-newtonian fluids quarterly status report for period ending 26 mar. 1968	1968
19680090627	Space environment operation of experimental hydrazine reactors contract status letter, 1-31 mar. 1968	1968
19680090634	Evaluation of the qks622 amplifron at millisecond pulse widths interim development report, 1 dec. 1967 - 29 feb. 1968	1968
19680090638	Investigation of resin systems for improved ablative materials quarterly report, 30 dec. 1967 - 29 mar. 1968	1968
19680090640	On vacuum uv study of solids status report, nov. 1, 1967 - apr. 30, 1968	1968
19680090642	Flox/diborane vacuum ignition studies, 15 february - 14 march 1968	1968
19680090643	Computer oriented research in the space related sciences status report, sep. 1967 - feb. 1968	1968
19680090644	Fluorine-hydrogen performance investigation program monthly progress report, 27 mar. - 26 apr. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090646	Techniques for fabricating rocket engine components containing intricated flow channels monthly progress report, apr. 1968	1968
19680090647	Structure of the magnetopause - a comparison between satellite magnetometer data and theory progress report, 15 oct. 1967 - 15 apr. 1968	1968
19680090648	Algebraic methods for control system analysis and design semiannual progress report, 1 oct. 1967 - 31 mar. 1968	1968
19680090651	Research in the field of molecular collision phenomena using molecular beam techniques semiannual status report, 1 oct. 1967 - 31 mar. 1968	1968
19680090654	Studies of development of stress response mechanisms progress report, 1 oct. 1967 - 30 apr. 1968	1968
19680090655	Advanced pyrolytic spacecraft thrust chamber materials monthly letter progress report, 23 mar. - 22 apr. 1968	1968
19680090659	Low pressure restartable oxygen/hydrogen burner	1968
19680090660	Rocket investigations of the auroral electrojet quarterly status report, 1 jan. - 31 mar. 1968	1968
19680090661	Development of a filament-overwrapped cryoformed metal pressure vessel monthly progress report for apr. 1967	1968
19680090662	Performance analysis of composite propulsion systems monthly status letter no. 9, 25 mar. - 24 apr. 1968	1968
19680090668	Re-entry f turbulent heating experiment. volume 1 - field support manual, pre-flight processing	1968
19680090685	Volunteer satellite observation program quarterly report, 1 jan. - 31 mar. 1968	1968
19680090686	The molecular biology of nitrogen fixing nodules in common legumes semiannual report	1968
19680090693	Fiber-reinforced metals	1968
19680090698	Subsystems test bed, section 2 final report	1968
19680090703	High strength steels review of recent developments	1968
19680090705	Detailed evaluation of lunar launch window configurations for march 1969	1968
19680090707	On line file manipulation techniques final report, nov. 1966 - aug. 1967	1968
19680090714	Total energy distribution measurements of field emitted electrons progress report, 14 nov. 1967 - 14 feb. 1968	1968
19680090717	The role of nucleotide metabolism in the repair of radiation injury semiannual progress report, 1 oct. 1967 - 1 apr. 1968	1968
19680090718	Research program to extend cascade data to liquids and higher inlet angles monthly progress report, 31 mar. - 30 apr. 1968	1968
19680090719	Mission a-2/csm 020 /apollo 6/ separation and recontact analysis, summary document	1968
19680090722	Cryogenic gas storage system monthly progress report	1968
19680090725	Subsystems test bed, section 1 final report	1968
19680090727	Investigation of boundary layer transition progress report, 1 jan. - 31 mar. 1968	1968
19680090739	Manufacturing program and subcontract plan /update/	1968
19680090740	Study of machine-aided post editing, volume 1 final report, jun. 1966 - mar. 1967	1968
19680090741	Bi-monthly progress report, 1 march - 30 april 1968	1968
19680090742	Study of machine-aided post editing. volume 2 - an experimental post-editing system final report, jun. 1966 - mar. 1967	1968
19680090745	Thermal analysis, section 3 stb final report	1968
19680090746	Bi-monthly progress report, 1 march - 30 april 1968	1968
19680090751	Space environment operation of experimental hydrazine reactors status letter, 1 - 30 apr. 1968	1968
19680090752	Rocket engine ablative material phenomena monthly progress report, 1-30 apr. 1968	1968
19680090753	Cryogenic filament-wound tank evaluation monthly progress report	1968
19680090754	The case against planning - the beloved community	1968
19680090755	Monthly letter report, 1-30 april 1968	1968
19680090756	Space cell test program monthly progress report	1968
19680090757	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations quarterly progress report, 19 jan. - 19 apr. 1968	1968
19680090758	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the electroforming process monthly progress report, 4-30 mar. 1968	1968
19680090759	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive-bonding process monthly report, 1-31 mar. 1968	1968
19680090760	Investigation of deep flaws in thin wall tanks monthly progress report, 1-30 apr. 1968	1968
19680090762	An aircraft component intensive management system /acims/	1968
19680090764	Crash position indicator/flight data recorder /cpi/fdr/ for p-3 aircraft - evaluation of operational service suitability interim report, 15 oct. 1967 - 6 mar. 1968	1968
19680090768	Research and development of solar cell contacts quarterly progress report, 1 jan. - 31 mar. 1968	1968
19680090770	Re-entry f turbulent heating experiment - field support manual. volume 2, appendix 1 - pre-flight processing /continued/	1968
19680090772	A study of application of satellite altimetry to oceanography and orbit determination semiannual progress report, period ending 1 mar. 1968	1968
19680090774	Re-entry f turbulent heating experiment - field support manual. volume 3 - launch area procedures and spacecraft maintenance	1968
19680090780	Progress letter for march 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090782	Manned flight support network study program - space communications group quarterly progress report, 1 oct. - 31 dec. 1967	1968
19680090788	High temperature protective coatings for refractory metals progress report	1968
19680090789	Effects of high and low barometric pressures on susceptibility and resistance to infection quarterly status report, 1 jan. - 31 mar. 1968	1968
19680090807	Experimental evaluation of the effect of cathode-ray tube nonlinearity on target detection final report, apr. 1962 - apr. 1963	1968
19680090829	Development and demonstration of criteria for liquid fluorine feed system components monthly report, 1 apr. - 15 may 1968	1968
19680090830	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments. rift tank test quarterly progress report, 1 nov. 1967 - 31 jan. 1968	1968
19680090831	Protective coatings for refractory metals in rocket engines quarterly report, 13 jan. - 13 apr. 1968	1968
19680090832	Fluorine lubricated bearing technology monthly report, apr. 1968	1968
19680090833	New fluorine-containing elastomers for space- propulsion applications monthly progress report, apr. 1968	1968
19680090834	Auxiliary propulsion for automatic planetary spacecraft monthly status report, apr. 1968	1968
19680090835	Space storable regenerative cooling investigation monthly progress report, 1-30 apr. 1968	1968
19680090836	Study of failure and reliability of microelectronic devices quarterly report	1968
19680090844	Protective coating system for a regeneratively cooled thrust chamber monthly progress report, 1-30 apr. 1968	1968
19680090851	Quarterly report, february - april 1968	1968
19680090859	The relationship between total impulse and acoustic number which originates at a point in a conventional explosion het verband tussen de totale impuls, die in een punt van een medium bij een conventionele explosie ontstaat en het acoustische getal	1968
19680090860	Data survey report for sycamore test stand s-1 block 2 tests	1968
19680090861	Leakage testing handbook project, phase 2 quarterly report, 1 Dec. 1967 - 1 Apr. 1968	1968
19680090873	T58 series 1, 1967-68 cip third quarter engineering progress report, 1 oct. - 31 dec. 1967	1968
19680090875	Beryllium	1968
19680090876	Space storable thruster investigation monthly progress report, 1-31 mar. 1968	1968
19680090890	Cryogenic tank support evaluation monthly progress report, 31 mar. - 30 apr. 1968	1968
19680090895	Integrated support plan	1968
19680090900	Study of nuclear structure and interactions final technical report	1968
19680090901	Multidisciplinary space-related research semiannual report, sep. 1, 1967 - mar. 1, 1968	1968
19680090902	Advanced pyrolytic spacecraft thrust chamber materials monthly letter progress report, 23 apr. - 22 may 1968	1968
19680090907	A computer program to calculate snatch and shock forces for a standard flat circular type parachute deployed from an artillery shell	1968
19680090908	Improved casing for ballistic filler used in body armor - an examination of some candidate materials	1968
19680090909	Spacecraft rocket engine chamber insulation materials monthly progress report, period ending 30 apr. 1968	1968
19680090922	Space storable regenerative cooling investigations monthly progress report, period ending 30 apr. 1968	1968
19680090923	Investigation of advanced thrust chamber designs monthly progress report, 6 apr. - 6 may 1968	1968
19680090924	On the engineering portion of a research program to develop a zero-g, drag-free satellite and to perform a gyro test of general relativity in a satellite semiannual status report, oct. 1967 - may 1968	1968
19680090927	Bibliography on information sciences. volume 1 - a scheduled bibliography	1968
19680090928	A study of large optical telescope systems suitable for use with manned space systems final status report, 1967	1968
19680090929	Funds, fragmentation and the separation of functions in the american university	1968
19680090930	Vibration effects on heat transfer in cryogenic systems monthly progress report, 1-29 feb. 1968	1968
19680090931	Infrared filter wedge spectrometer instrument for nimbus "d" satellite quarterly report, 1 jan. - 1 apr. 1968	1968
19680090932	Development of solar-panel system for thermally annealing radiation damaged solar cells third quarterly periodic progress report, 1 jan. - 1 apr. 1968	1968
19680090934	Stability of viruses in foods for space flights semiannual report, 1 nov. 1967 - 30 apr. 1968	1968
19680090935	Progress report, november 1, 1967 - january 31, 1968	1968
19680090937	Observation of the white light corona from a rocket status report, 30 jun. 1967 - 15 may 1968	1968
19680090941	Ats - f and g large aperture antenna fabrication of 30-foot diameter model launch and orbital survey test /phase 2/ quarterly report, 1 nov. 1967 - 31 jan. 1968	1968
19680090943	Investigation of magnetospheric physics interim technical status report, period ending 31 may 1968	1968
19680090944	Space storable propellant performance program monthly progress report, apr. 1968	1968
19680090948	Study of crack initiation phenomena associated with stress corrosion of aluminum alloys quarterly report, 26 sep. - 25 dec. 1967	1968
19680090952	Feasibility study of a small satellite to investigate the interplanetary medium, the magnetosphere, and the transition region between the magnetosphere and the interplanetary medium quarterly progress report, 1 feb. - 30 apr. 1968	1968
19680090956	Development of beryllium honeycomb sandwich composite for structural and other related applications quarterly progress report, 1 jan. - 31 mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680090958	Reflectometer experiment second post-launch monthly report, dec. 1967 - feb. 1968	1968
19680090959	Infrared interferometer spectrometer /iris/ instrument for nimbus d spacecraft quarterly report, 15 dec. 1967 - 15 mar. 1968	1968
19680090960	Photochromic materials for optical recording and processing interim report, 20 jan. 1967 - 30 apr. 1968	1968
19680090961	Thermodynamic improvements in lh2 turbopumps quarterly progress report, period ending 16 may 1968	1968
19680090963	The distribution of irregularities in the antarctic ionosphere. 2 - diurnal changes at sunspot minimum	1968
19680090965	Design, development and fabrication of a biochemical field instrument quarterly report, 26 dec. 1967 - 25 mar. 1968	1968
19680090967	Nonlinear response of elastic shells status report, 1 aug. 1967 - 31 jan. 1968	1968
19680090970	A preliminary study of atmospheric density measurements by means of satellites final report	1968
19680090975	Feasibility of and benefits from combining nasa ossa automated payloads. volume 2 - appendices	1968
19680090977	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet quarterly report, 1 oct. - 31 dec. 1967	1968
19680090981	Analytic parameter continuation for non-linear singular integral equations with an electroelastic and hydroelastic application	1968
19680090984	Flox-diborane technology informal monthly status letter, 15 apr. - 15 may 1968	1968
19680090985	Project versatile information processor /vip/ quarterly report, 1 nov. 1967 - 1 feb. 1968	1968
19680090986	Impurities and interface states in the sio2/si system semiannual status report, period ending 15 mar. 1968	1968
19680090987	Ninth contract quarterly performance report, 30 november 1967 through 28 february 1968	1968
19680090988	Reinforced oxide throat insert development monthly progress report, 1-30 apr. 1968	1968
19680090989	Flox/methane pump-fed engine study monthly progress report, 6 apr. - 5 may 1968	1968
19680090990	Propellant selection for spacecraft propulsion systems tenth monthly status letter, 18 apr. - 5 may 1968	1968
19680090993	Space geodesy altimetry study monthly progress report, may 1968	1968
19680090994	Quarterly status report, 1 march - 31 may 1968	1968
19680090995	Intermediate energy nuclear physics utilizing the nasa space radiation effects laboratory semiannual progress report	1968
19680090996	Application of satellite techniques to the development of geodetic points in the deep ocean first status report, 1 nov. 1967 - 31 jan. 1968	1968
19680090997	A very-low frequency radio noise experiment to be flown on a javelin sounding rocket quarterly status reports, 1 nov. 1967 - 31 jan. 1968 and 1 feb. - 30 apr. 1968	1968
19680091001	Analysis and interpretation of magnetic field measurements performed by the mariner 4 /mars/ and mariner 5 /venus/ spacecrafts semiannual progress report, 1 sep. 1967 - 1 mar. 1968	1968
19680091002	Southern hemisphere sky search for galactic x-rays final report, 28 feb. 1967 - 20 may 1968	1968
19680091005	Research in space-related sciences established at the university of florida under nasa research semiannual report, 1 nov. 1967 - 30 apr. 1968	1968
19680091006	Study of interplanetary dust interim report, 15 sep. 1966 - 15 mar. 1968	1968
19680091007	Application of satellite techniques to the development of geodetic pints in the deep ocean second status report, 1 feb. - 31 mar. 1968	1968
19680091008	Ablative chamber test program monthly technical progress report, 1-31 may 1968	1968
19680091009	Human factors research program for the langley research center 55-foot vacuum chamber final report	1968
19680091015	Advanced valve technology monthly progress report	1968
19680091016	Suppression of bending in shells by control of thickness variation progress report	1968
19680091017	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 1-30 apr. 1968	1968
19680091018	Optimal finite thrust orbital transfer study final report, 7 feb. 1967 - 4 may 1968	1968
19680091022	The mechanics of viscoelastic fluids semiannual status report, 1 dec. 1967 - 31 may 1968	1968
19680091023	A comparative study of the evolution of enzymes and nucleic acids progress report, 1 nov. 1967 - 30 apr. 1968	1968
19680091025	Research in the theory of diffraction final report	1968
19680091026	Immunoneurological studies on the brain progress report	1968
19680091033	Preparation of fluorelastomers for use with cryogenic storable propellants quarterly report, 1 feb. - 30 apr. 1968	1968
19680091035	Optical and infrared masers semiannual status reports, 1 apr. - 30 sep. 1967 and 1 oct. 1967 - 31 mar. 1968	1968
19680091036	Advanced pyrolytic spacecraft thrust chamber materials quarterly progress report, 23 sep. - 22 dec. 1967	1968
19680091037	Properties of powdered titanium alloys monthly progress report, 1-28 apr. 1968	1968
19680091039	Analytical study of non-continuum flow processes in nozzles quarterly progress report, 26 jan. - 30 apr. 1968	1968
19680091041	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report, 19 apr. - 19 may 1968	1968
19680091045	Stress corrosion cracking of titanium alloys - scc of titanium - 8 percent mn alloy - pitting corrosion of aluminum and mass-transport- kinetic model for scc of titanium quarterly progress report, 1 jan. - 31 mar. 1968	1968
19680091046	Electrochemical systems heat and mass transfer quarterly progress report, 6 dec. 1967 - 5 feb. 1968	1968
19680091047	Sodium vapor experiment quarterly progress report, 1 jan. - 31 mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091048	Monthly progress report, april 1 to april 30, 1968	1968
19680091049	Sounding rocket flight report - nasa 18.50 thermosphere probe experiment	1968
19680091050	Sensing of meteorological variables by laser probe techniques semiannual report, 1 aug. 1967 - 31 jan. 1968	1968
19680091051	Design and construct white light coronagraphs for use in aerobee rockets using university of colorado biaxial pointing control, and ball brothers research corporation pointing control to take photographic records of the outer corona and changes in coronal streamers status report, 30 jun. 1967 - 15 may 1968	1968
19680091052	Development of improved potting and encapsulating compounds for space applications quarterly progress report, 1 oct. 1967 - 1 jan. 1968	1968
19680091074	Refractory metals /cb, ta, mo, w/	1968
19680091077	Propellant selection for spacecraft propulsion systems monthly status letter, 6 may - 5 jun. 1968	1968
19680091081	Modulated beam machine for the study of neutral-neutral collisions	1968
19680091083	Analytical calibration of d.c. electromagnetic flowmeter semiannual status report, 1 nov. 1967 - 30 apr. 1968	1968
19680091085	Development of a technique for sampling the boundary flow gases in rocket motors quarterly progress report	1968
19680091086	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids monthly letter progress report, apr. 1968	1968
19680091091	Studies on the relationship between crystalline structure and superconductivity semiannual progress report, period ending 31 mar. 1968	1968
19680091092	Radiative energy transfer on entry into mars and venus quarterly report	1968
19680091093	Feasibility of and benefits from combining nasa ossa automated payloads. volume 1 - results	1968
19680091094	Investigation of sputtering effects on the surface of the moon quarterly status report, 2 dec. 1967 - 2 mar. 1968	1968
19680091095	A measurement of the radiative mean life of the 2p state of atomic hydrogen using the beam-foil excitation method	1968
19680091096	A program to accelerate the industrial application of aerospace related technology quarterly report, period ending 31 dec. 1967	1968
19680091099	Control optimization, stabilization and computer algorithms for space applications status report, 1 sep. 1967 - 29 feb. 1968	1968
19680091101	The effect of hydrogen embrittlement and specimen geometry on static and dynamic fatigue of hollow notched tensile specimens	1968
19680091103	Laboratory studies of plasma probes semiannual status report, 1 nov. 1967 - 1 may 1968	1968
19680091104	Nonuniformities and instabilities in partially ionized gases in the presence of a magnetic field semiannual progress report, 15 sep. 1967 - 15 mar. 1968	1968
19680091105	Development and qualification of the msfc collar swage connector technical progress report, mar. 1968	1968
19680091108	Investigation of deep flaws in thin wall tanks monthly progress report, 1-31 may 1968	1968
19680091109	The characteristics and standard variability of composite solid propellant tensile properties monthly progress report, 1-30 apr. 1968	1968
19680091110	Investigation of methods for transpiration cooling of liquid rocket chambers monthly status report	1968
19680091111	Proximity effects between superconducting and normal metals semiannual report	1968
19680091112	Development of analysis procedures for spacecraft structures under dynamic loading. the use of cross correlation, cross spectrum and coherence in structures quarterly report, 23 dec. 1967 - 23 mar. 1968	1968
19680091113	Research on meteorites and cosmic-rays progress report, 15 sep. 1967 - 15 mar. 1968	1968
19680091114	Research investigation of the decomposition of composite solid propellants monthly status report, 6 may - 5 jun. 1968	1968
19680091115	Development and qualification of improved fluid connectors technical progress report, dec. 1967	1968
19680091116	On the excitation and collisional deactivation of metastable atoms and molecules in the aurora and airglow progress report	1968
19680091122	A digital computer subroutine to accelerate the convergence of iterative processes	1968
19680091123	Biomechanics within the field of cardiovascular physiology semiannual progress report, 1 jan. - 15 may 1968	1968
19680091125	Estimation of transition matrices, abelian groups, structure of near-rings, and metrization of topological spaces semiannual status report, 1 dec. 1967 - 31 may 1968	1968
19680091127	Investigation of airglow excitation mechanisms using atomic beam technique semiannual status report, 31 oct. 1967 - 30 apr. 1968	1968
19680091128	Bibliography on information sciences. volume 2. a scheduled bibliography	1968
19680091131	Heat transfer and instability studies of two-phase flow phenomena semiannual progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680091132	Stress corrosion cracking of titanium alloys at ambient temperature in aqueous solutions quarterly progress report, jan. - mar. 1968	1968
19680091133	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive welding process progress report, 1-31 may 1968	1968
19680091135	Investigation of instabilities of atmospheric flow systems associated with clear air turbulence quarterly progress report, 16 feb. - 15 may 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091138	Rice university suprathemal ion detector aboard the ats-1 spacecraft quarterly report, 6 oct. 1967 - 6 jan. 1968	1968
19680091139	Advanced pyrolytic spacecraft thrust chamber materials quarterly progress report, 23 dec. 1967 - 22 mar. 1968	1968
19680091140	Infrared interferometer spectrometer /iris b/ instrument technical report, 15 sep. 1967 - 15 mar. 1968	1968
19680091142	Investigation of a tandem row high head pump inducer progress report, 1 - 30 apr. 1968	1968
19680091143	Investigation of the effects of low energy protons on specular reflectance of surfaces for space mirrors quarterly progress report, 1 feb. - 1 may 1968	1968
19680091144	Fluorine-hydrogen performance investigation program monthly progress report, 27 apr. - 26 may 1968	1968
19680091145	Evaluation testing of protective coatings on refractory metals quarterly report	1968
19680091146	Inhomogeneous field ion optics and detectors for mass spectrometry progress report, oct. 1967 - mar. 1968	1968
19680091147	Space storable thruster investigation monthly progress report, 30 mar. - 3 may 1968	1968
19680091148	Development of materials and processes for electroplated polyethylene ammunition cases final report	1968
19680091152	Pioneers 7 and 8 combined mission summary report	1968
19680091153	Fifteen point three ghz ground receiver systems for the ats millimeter wave propagation experiment quarterly report	1968
19680091154	Theoretical analysis of the stresses induced into the walls of a liquid filled propellant tank semiannual report, 1 dec. 1967 - 31 may 1968	1968
19680091155	Survey study of the interconnection and packaging problems in microelectronics	1968
19680091156	Survey study of the interconnection and packaging problems in microelectronics	1968
19680091159	Research program to extend cascade data to liquids and higher inlet angles monthly progress report, 30 apr. - 31 may 1968	1968
19680091161	Studying the future - a new discipline	1968
19680091164	Coatings for regenerative engines monthly report for apr. 1968	1968
19680091165	Fluid physics status report, 1 jun. 1967 - 31 may 1968	1968
19680091166	Plasma kinetic theory final report, 1 nov. 1966 - 30 nov. 1967	1968
19680091167	Development of a protective coating system for regeneratively cooled thrust chambers progress report, 1 mar. - 30 apr. 1968	1968
19680091168	Study of cryogenic propellant stratification reduction techniques monthly progress report, 1 - 30 apr. 1968	1968
19680091169	Non-noble metal electrocatalysts for fuel cells quarterly status report	1968
19680091170	Phase 2 report, 260-in. motor reliability study summary report, 16 oct. 1967 - 17 may 1968	1968
19680091174	Spacecraft rocket engine chamber insulation materials monthly progress report, period ending 31 may 1968	1968
19680091175	Investigation of discharge pressure oscillations in high pressure pumps monthly progress report, 28 apr. - 27 may	1968
19680091176	Study of growth in recent and fossil invertebrate exoskeletons and its relationship to tidal cycles in the earth-moon system semiannual report, 1 oct. 1967 - 31 mar. 1968	1968
19680091177	Ultraviolet solid state spectroscopy in the spectral region 3000 - 300a deg status report, jan. - jun. 1968	1968
19680091178	Analysis of coronal line profiles quarterly report, 1 mar. - 31 may 1968	1968
19680091179	Gas radiation and transport properties at high temperatures semiannual status report, 1 oct. 1967 - 31 mar. 1968	1968
19680091180	Unit identification system file /uisya/ and unit type codes file /typea/ general description	1968
19680091181	Investigation of the reinforcement of ductile metals with strong, high modulus discontinuous, brittle fibers	1968
19680091182	Minimum pressure loss in high velocity flow duct systems	1968
19680091184	New fluorine-containing elastomers for space-propulsion applications monthly progress report	1968
19680091185	Protective coatings for refractory metals in rocket engines monthly letter report, 13 apr. - 13 may 1968	1968
19680091188	Development of a filament-overwrapped cryoformed metal pressure vessel monthly progress report, may 1968	1968
19680091189	Space environment operation of experimental hydrazine reactors contract status letter, 1-31 may 1968	1968
19680091190	Cryogenic alloy screening monthly progress report, 28 apr. - 27 may 1968	1968
19680091191	Installation and operation of a three- frequency riometer system on the nasa cv 990 aircraft during the auroral expedition monthly status report, 15 may - 15 jun. 1968	1968
19680091192	Investigation of the formation and behavior of clogging material in earth and space storable propellants quarterly progress report, 9 dec. 1967 - 9 mar. 1968	1968
19680091194	Cryogenic filament-wound tank evaluation monthly progress report, 23 apr. - 22 may 1968	1968
19680091195	Coatings for advanced tarust chambers monthly report	1968
19680091196	Development and qualification of the msfc collar swage connector technical progress report for apr. 1968	1968
19680091198	Oxidation-resistant coatings for refractory metals	1968
19680091199	On solar elements, their physical parameters and abundances semiannual summary, oct. 1967 - mar. 1968	1968
19680091200	Adjointness in non-adjoint boundary value problems final report, 1 jul. 1967 - 1 jul. 1968	1968
19680091201	Research and special projects reports, 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091202	Investigations and analysis of flow phenomena of secondary motions in axial flow inducers. part 1 - inducer flow analysis and measurements inside the blade passages. part 2 - turbulent boundary layer characteristics on a rotating helical blade semiannual progress report	1968
19680091205	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors interim engineering report, 20 nov. 1967 - 20 feb. 1968	1968
19680091209	Maar volcanoes and the role of water in their origin	1968
19680091212	Development of high temperature resistant materials for use in naval ordnance quarterly report, 1 jan. - 1 apr. 1968	1968
19680091213	Production engineering measure for improved reliability of metalized polycarbonate capacitors quarterly progress report, 1 nov. 1967 - 31 jan. 1968	1968
19680091214	Performance measurement of nonverbal mediation semiannual status report, 1 oct. 1967 - 31 mar. 1968	1968
19680091215	Application of blade-element techniques to design and performance prediction problems for axial-flow turbomachinery progress report, 1 oct. 1967 - 31 mar. 1968	1968
19680091216	Summary of activity in plasma physics semiannual status report, jun. 1967 - may 1968	1968
19680091217	Synthesis of distributed systems semiannual report, 1 sep. 1967 - 29 feb. 1968	1968
19680091222	Final report	1968
19680091225	A chronology on science, technology, and policy	1968
19680091240	Aerodynamic characteristics of a target drone vehicle at mach numbers from 1.57 to 2.10, coord. no. af-am-627	1968
19680091241	Study of spark temperature measurements as a means of deducing static temperature. effect of inelastic electron-molecule collisions on rotational temperature of a nitrogen spark semiannual progress report, period ending 31 may 1968	1968
19680091242	Aerodynamic characteristics of a revised target drone vehicle at mach numbers from 1.60 to 2.86, coord no. af-am-627	1968
19680091268	Mariner mars 1964 project report - television experiment. part 2 - picture element matrices	1968
19680091303	Structure and mechanical properties of two- phase metallic composites at elevated temperatures	1968
19680091304	The effect of long-term exposure on the performance of conceptual tasks	1968
19680091305	Administrative and financial information semiannual progress report, 1 sep. 1967 - 1 mar. 1968	1968
19680091306	Study of non-magnetic ionization gauge with low x-ray limit semiannual progress report, 1 dec. 1967 - 31 may 1968	1968
19680091316	Feasibility evaluation of toroidal combustion chamber /u/ informal monthly progress report, 31 jan. - 29 feb. 1968	1968
19680091324	Lgm 30b operational testing launch demonstration number 57 "top rail" - ftm 1163 flight test report /u/	1968
19680091379	Fluorine lubricated bearing technology monthly report	1968
19680091380	The characteristics and standard variability of composite solid propellant tensile properties	1968
19680091385	Electromagnetic investigations of planetary and solar atmospheres and the lunar surface program semiannual report, 1 nov. 1967 - 30 apr. 1968	1968
19680091386	Protective coating system for a regeneratively cooled thrust chamber monthly progress report, may 1968	1968
19680091387	A phenomenological theory of birefringence of materials with memory	1968
19680091388	Analytical and experimental study of the stress state in viscoelastic materials status report, 1 oct. 1967 - 1 apr. 1968	1968
19680091391	Holography	1968
19680091395	Apollo sample return progress report, 15 sep. 1967 - 15 mar. 1968	1968
19680091396	Space sciences experiments at the jicamarca radar observatory, lima, peru informal letter progress report, 1 jan. - 31 mar. 1968	1968
19680091397	Investigation of rarefied gas flows status report, 1 nov. 1967 - 1 may 1968	1968
19680091398	Space storable propellant performance program monthly progress report	1968
19680091399	The study of detonation phenomena and its possible relation to rocket motor combustion instability status report, 1 feb. - 30 apr. 1968	1968
19680091400	Auxiliary propulsion for automatic planetary spacecraft monthly status report for may 1968	1968
19680091401	Space storable regenerative cooling investigation monthly progress report, 1-31 may 1968	1968
19680091402	Coatings for advanced thrust chambers monthly report, may 1968	1968
19680091403	Flox/methane pump-feb engine study monthly progress report, 6 may - 5 jun. 1968	1968
19680091404	Alkaline battery separator characterization studies quarterly report, 23 nov. 1967 - 23 feb. 1968	1968
19680091406	Composition, energy spectrum, and intensity of the primary cosmic radiation as a function of time semiannual status reports, 1 may 1967 - 30 apr. 1968	1968
19680091407	Theoretical and experimental studies in planetary and atmospheric physics semiannual progress report, 15 nov. 1967 - 15 may 1968	1968
19680091408	Infrared laboratory studies of synthetic planetary atmospheres semiannual status report, 1 dec. 1967 - 31 may 1968	1968
19680091409	Space storable regenerative cooling investigations monthly progress report, may 1968	1968
19680091410	Convolutional coding techniques for data protection semiannual status report, 15 sep. 1967 - 14 mar. 1968	1968
19680091411	Stress corrosion cracking of titanium alloys at ambient temperature in aqueous solutions quarterly progress report, oct. - dec. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091412	Correlation between solid propellant mechanical properties and explosion effects progress report, 1 feb. - 30 apr. 1968	1968
19680091413	Space storable thruster investigation monthly progress report, 1-30 apr. 1968	1968
19680091414	Photoemission studies of solids annual report, 1 may 1967 - 1 may 1968	1968
19680091416	Analytical study of non-continuum flow processes in nozzles monthly status letter no. 3, 1 31 may 1968	1968
19680091421	Compatibility of vapor deposited b, sic, and tib2 filaments with several titanium matrices technical report, sep. 1965 - oct. 1967	1968
19680091424	National space booster study status report	1968
19680091425	Ultra fine beryllium powder by the amalgam process progress report, nov. 1, 1967 - jun. 1, 1968	1968
19680091433	Study of injector orifice hydraulics final report	1968
19680091434	Flox/diborane vacuum ignition studies	1968
19680091435	Space storable thruster investigation monthly progress report, 4-31 may 1968	1968
19680091436	Cryogenic tank support evaluation monthly progress report, 30 apr. - 31 may 1968	1968
19680091437	Social structure and group behavior in extended duration space missions progress report	1968
19680091438	Hazards to the eye from ionizing radiation during extended space missions status report, 1 jan. - 30 jun. 1968	1968
19680091439	Air force machinability data center annual report	1968
19680091445	The vibrational response of extensible beams subjected to an initial deflection	1968
19680091446	Semiannual report, september 1, 1967 - february 29, 1968	1968
19680091450	Research on the polarization in porous oxygen electrodes final quarterly report, 1 jan. - 31 mar. 1968	1968
19680091452	Apollo csm ecs/thermal integrated analysis program, program no. hx101a users manual - revision 1	1968
19680091453	A-7a fuel temperature survey final report	1968
19680091456	Investigation of methods for transpiration cooling liquid rocket chambers monthly status report	1968
19680091457	Optical radar measurements of the atmosphere semiannual report, 1 dec. 1967 - 31 may 1968	1968
19680091458	Progress report	1968
19680091459	Development of a protective coating system for regeneratively cooled thrust chambers monthly progress report, 1-31 may 1968	1968
19680091460	Investigation of the formation and behavior of clogging material in earth and space storable propellants monthly progress report, 9 mar. - 9 apr. 1968	1968
19680091468	Status report, period ending 12 may 1968	1968
19680091469	Nondestructive memory buffer using toroidal cores	1968
19680091488	Determination of stability derivatives from flight data quarterly status report, 1 mar. - 31 may 1968	1968
19680091491	Radioactive-type dual ablation measurement system. volume 2 - appendices final report	1968
19680091493	Oscillatory combustion in rockets semiannual report, 1 dec. 1967 - 31 may 1968	1968
19680091494	Research in the aerospace physical sciences semiannual report, 1 sep. 1967 - 29 feb. 1968	1968
19680091495	Telemetry development and test program Quarterly report, jan. - mar. 1968	1968
19680091517	A numerical study of the vortex rate-sensor semiannual progress report	1968
19680091571	C-3 engineering evaluation test procedure for amp p/n 202799-1 & 202800-1, connector, electrical eetp 2397/1	1968
19680091574	A preliminary analysis of rocket exhaust jet effects on missile skin and base pressures at mach 0.6 and 1.5 -naca lewis flight propulsion laboratory test 2093	1968
19680091596	Development of a manufacturing process for the electrosag melting and casting of materials quarterly progress report, 16 dec. 1967 - 15 mar. 1968	1968
19680091695	Mechanical properties of metals - review of recent developments	1968
19680091713	Cryogenic filament-wound tank evaluation monthly progress report, 23 may - 22 jun. 1968	1968
19680091714	Investigation of the formation and behavior of clogging material in earth and space storable propellants monthly progress report, 9 apr. - 9 may 1968	1968
19680091715	Flaw definition through nondestructive testing monthly progress report, 1-31 may 1968	1968
19680091716	Radiation hazards to man on extended missions quarterly progress report, feb. - apr. 1968	1968
19680091720	Thermodynamic improvements in lh2-turbopumps monthly status report, period ending 16 jun. 1968	1968
19680091721	Protective coatings for refractory metals in rocket engines monthly letter report, 13 may - 13 jun. 1968	1968
19680091722	Study of cryogenic propellant stratification reduction techniques monthly progress report, 1-31 may 1968	1968
19680091724	Acoustic liners for large engines monthly status report, jun. 1968	1968
19680091725	Performance analysis of composite propulsion systems quarterly status letter no. 4, 25 mar. - 24 jun. 1968	1968
19680091726	A study to analyze the permeation of high density gases and propellant vapors through single layer teflon or teflon structure materials and laminations monthly progress report, 19 may - 19 jun. 1968	1968
19680091739	Advanced pyrolytic spacecraft thrust chamber materials monthly letter progress report, 23 may - 22 jun. 1968	1968
19680091742	Investigation of advanced regenerative thrust chamber designs monthly report, 16 may - 16 jun. 1968	1968
19680091747	Review of recent developments. nickel and cobalt base alloys	1968
19680091749	Investigation of advanced thrust chamber designs monthly progress report, 6 may - 6 jun. 1968	1968
19680091750	Minimum pressure loss in high velocity flow duct systems	1968
19680091751	A computer simulation of sea surfaces using monte carlo methods	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680091758	Research in photochemistry and enzymology of photosynthesis quarterly status report, 5 mar. - 5 jun. 1968	1968
19680091768	Operation of cosmic-ray neutron multiplicity monitor quarterly progress report, 26 mar. - 25 jun. 1968	1968
19680091799	Reinforced oxide throat insert development monthly progress report, 1-31 may 1968	1968
19680091807	To develop a spectral analyzer for medical and physiological use progress report	1968
19680091854	Relation of certitude judgments to characteristics of updated symbolic information	1968
19680091857	Production processes for rolling tapered titanium plate interim engineering progress report, 16 oct. 1967 - 16 jan. 1968	1968
19680091913	Mechanisms of energy transfer in solids and gases quarterly technical report, 1 jan. - 31 mar. 1968	1968
19680091914	F-4 aircraft csd independent oil system, development of interim report	1968
19680091947	T56 series 1 engineering progress summary report, 1 apr. 1967 - 31 mar. 1968	1968
19680091956	Auxiliary propulsion for automatic planetary spacecraft monthly status report, jun. 1968	1968
19680091985	Capacitor, fixed, polycarbonate	1968
19680091992	Hydrofoil gunboat "tucumcari" pgh-2	1968
19680092014	The filling of a/s projectile mk nc 20 with hbx-3 explosive	1968
19680092018	The adsorption of gases on stainless steel in the pressure range 10 sup minus 10 to 10 sup minus 3 torr	1968
19680092019	The melp system - a spectrally selective film of high quantum efficiency Quarterly report, 1 apr. - 30 jun. 1968	1968
19680092021	Measurement of transition probabilities for selective elements in the lanthanide group quarterly report, apr. 1 - jun. 30, 1968	1968
19680092022	Paleomagnetic and petrographic investigation of possible meteorite impact structures in south africa progress report, apr. 1967 - mar. 1968	1968
19680092023	Development and demonstration of criteria for liquid fluorine feed system components monthly report, 1 jan. - 1 feb. 1968	1968
19680092058	The measurement of the atmospheric wind profile	1968
19680092059	Flox/diborane vacuum ignition studies, 15 feb. - 14 may 1968	1968
19680092105	Theoretical studies of turbulence in plasmas semiannual status report, 1 dec. 1967 - 31 may 1968	1968
19680092106	Studies of the magnetosphere semiannual status report, 1 sep. 1967 - 31 may 1968	1968
19680092108	Techniques for fabricating rocket engine components containing intricate flow channels monthly progress report, jun. 1968	1968
19680092109	Voltammetry of i plus, iodine, iodine, and iodate at rotated platinum disk and ring-disk electrodes	1968
19680092110	A study of the kinetics of the oxidation of arsenic/iii/ by electrogenerated iodine in alkaline media	1968
19680092121	Dependence of surface temperature of the moon on particle size and porosity	1968
19680092123	A study of techniques for determining the presence of anaerobic bacteria progress report for period ending 6 jun. 1968	1968
19680092124	Study on transient response of shell structures annual status report, 1 jun. 1967 - 1 jun. 1968	1968
19680092125	Surface properties of thermionic electrodes semiannual report, 1 nov. 1967 - 30 apr. 1968	1968
19680092128	Distance and rate judgments in simulated space progress report, 1 sep. 1967 - 29 feb. 1968	1968
19680092133	Numerical studies of turbulent heating	1968
19680092138	Study and development of a fluid-controlled solid rocket motor for space application monthly status report, 1-30 jun. 1968	1968
19680092139	Hydrogen safety progress report, jan. 1 - mar. 31, 1968	1968
19680092142	Investigation of light hydrocarbon fuels with fluorine-oxygen mixtures as liquid rocket propellants monthly progress report, 1-31 mar. 1968	1968
19680092143	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive-bonding process monthly progress report, 1-30 apr. 1968	1968
19680092145	Study of inducer load and stress monthly progress report, 16 feb. - 31 mar. 1968	1968
19680092159	Transient flow of cryogenic fluids final report	1968
19680092219	Study of aerodynamically efficient bodies in hypersonic flow final report, 1 jan. 1967 - 30 jun. 1968	1968
19680092220	The use of flying spot digitizers for the measurement of astrometric plates progress report, 1 sep. 1967 - 1 apr. 1968	1968
19680092221	A theoretical and experimental investigation of vortex-sink rate sensor semiannual status report	1968
19680092222	Effects on the motion of a body attracted by a rotating source	1968
19680092223	Elastic and or plastic analyses of fracture theories and crack problems progress report, 1 aug. 1967 - 31 jan. 1968	1968
19680092224	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen quarterly progress report for period ending 30 jun. 1968	1968
19680092225	The structure and circulation of the lower martian troposphere semiannual report for period ending 1 jul. 1968	1968
19680092233	Nasa postdoctoral resident research associateship program status report, 1 mar. - 31 may 1968	1968
19680092234	Progress report	1968
19680092236	Identification of linear systems, on simulation studies progress report, jun. - dec. 1967	1968
19680092245	Ogo orbital operations final report, 1 dec. 1965 - 31 jan. 1968	1968
19680092275	A joint ncar-gsfc meteorological experiment employing the nimbus-d interrogation, recording and location system /nimbus-d/irls/ quarterly report, 30 nov. 1967 - 29 feb. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092280	Ogo 5 - initial operations summary report, 4 march - 14 march 1968	1968
19680092286	Spectroscopy and solid state quantum electronics at optical and infrared wavelengths	1968
19680092290	An investigation of jet noise and its abatement semiannual report	1968
19680092292	Investigation of liquid propellants in high pressure and high temperature environments Semiannual progress report, jan. 1 - jun. 30, 1968	1968
19680092294	Study of step recovery diode frequency multiplier characteristics final report	1968
19680092299	Rae electron trap final report	1968
19680092303	Ats - f and g large aperture antenna fabrication of 30-foot diameter model launch and orbital survey test quarterly report, 1 feb. - 30 apr. 1968	1968
19680092308	Quarterly report, 1 march - 31 may 1968	1968
19680092309	Radiation-induced nonlinear degradation of transistor gain progress report, 4 jul. 1967 - 4 jan. 1968	1968
19680092310	Evaluation of dc pin-to-pin testing technique midterm progress report, 5 jan. - 22 mar. 1968	1968
19680092311	Determination of minimum concentrations of environmental water capable of supporting life semiannual report, 1 nov. 1967 - 30 apr. 1968	1968
19680092312	Wave functions, transition probabilities, and spectra seventh status report, 1 aug. 1966 - 31 jul. 1968	1968
19680092320	Dynamics of mechanical systems coupled to energy sources semiannual progress report, 1 dec. 1967 - 31 may 1968	1968
19680092325	Nimbus d temperature-humidity infrared radiometer /thir/ quarterly report, 1 oct. - 31 dec. 1967	1968
19680092330	Magnetic electron multiplier assembly final report	1968
19680092336	The investigation of flame spreading over the surface of igniting solid propellants quarterly letter report, 16 apr. - 15 jul. 1968	1968
19680092338	Flox/methane pump-fed engine study quarterly progress report, 6 apr. - 5 jul. 1968	1968
19680092339	Project apollo quarterly report, 1 jan. - 1 apr. 1968	1968
19680092340	Utility of mean square approximate systems in system response prediction final report	1968
19680092341	Parameters which affect stability of advanced experimental solar cells progress report, 20 jun. - 20 nov. 1967	1968
19680092342	Quarterly report, 1 december 1967 - 29 february 1968	1968
19680092347	Rae capacitance probe final report	1968
19680092350	Sa-504 Structural Dynamic Characteristics	1968
19680092351	Study of the decay and recovery of orbiting artificial space objects	1968
19680092352	Karyolytic bodies in jejunum of proton- irradiated rhesus monkeys	1968
19680092353	Reflectometer experiment	1968
19680092354	Contract quarterly performance report, 29 february - 29 may 1968	1968
19680092355	Cryogenic alloy screening monthly progress report, 28 may - 27 jun. 1968	1968
19680092359	Image dissector sensor monthly technical progress report, 1 oct. 1967 - 1 jan. 1968	1968
19680092360	Flight evaluation of the command and communication system aboard as-501	1968
19680092362	Auto flow support contract quarterly report, 1 jan. - 31 mar. 1968	1968
19680092367	Development and demonstration of criteria for liquid fluorine feed system components monthly progress report, 1 feb. - 1 mar. 1968	1968
19680092368	Development and demonstration of criteria for liquid fluorine feed system components monthly progress report, 1 dec. 1967 - 1 jan. 1968	1968
19680092369	Develop microwave imaging and spectral systems for use in orbiting spacecraft final report, 1 sep. 1965 - 31 mar. 1968	1968
19680092370	An exact stress analysis of a rectangular sheet bounded by four edge stiffeners and subjected to loads and temperature gradients final report	1968
19680092376	Monthly status letter	1968
19680092378	Investigation of multivariate techniques for biomedical analysis semiannual progress report, 1 dec. 1967 - 31 may 1968	1968
19680092379	Optimal adaptive estimation of stochastic processes with random parameters final report	1968
19680092380	Semiannual progress report, 1 december 1967 - 31 may 1968	1968
19680092383	Steady-state interaction between radiation and matter in stellar atmospheres progress report, 1 jan. - 30 jun. 1968	1968
19680092386	Research at the stanford center for radar astronomy semiannual status report, 1 jan. - 30 jun. 1968	1968
19680092387	Analytical and experimental research in space physics including balloon and rocket flight experiments status report, 1 apr. 1967 - 31 mar. 1968	1968
19680092388	Development of multivariate functional models progress report, 1 feb. - 31 jul. 1968	1968
19680092390	Steering, ignition, and cut-off equations semiannual progress report, 1 aug. 1967 - 31 jan. 1968	1968
19680092395	Rk8129 improvement program report, 1 feb. - 1 mar. 1968 /u/	1968
19680092402	Dual mode scramjet phase 2 /u/	1968
19680092404	Semiannual report, 1 december 1967 - 31 may 1968	1968
19680092438	Advanced ramjet concepts /u/ monthly progress report, 1-31 dec. 1967	1968
19680092448	Reinforced oxide throat insert development monthly progress report, 1-30 jun. 1968	1968
19680092449	Kinetic flow performance in nozzles monthly progress report, 1-31 jul. 1968	1968
19680092450	Flaw definition through nondestructive testing monthly progress report, 1 jun. - 30 jun. 1968	1968
19680092451	Study of dual channel spectroradiometer systems monthly progress report for period ending 30 jun. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092452	Apollo mission d-a/csm-103/m-3 revised spacecraft reference trajectory volume 1	1968
19680092455	Fluorine lubricated bearing technology monthly report for jun. 1968	1968
19680092456	Research program to extend cascade data to liquids and higher inlet angles monthly progress report, 31 may - 30 jun. 1968	1968
19680092486	Financial administration cost analysis monthly exchange /came/. supplement-system and cost analysis studies in progress	1968
19680092497	Analytical manual nmcs information processing system /nips/ /ibm 1410/7010/. volume 2. data retrieval and output	1968
19680092502	Experimental investigation of a uranium plasma semiannual status report, period ending 30 jun. 1968	1968
19680092503	Factors in bone formation and bone loss progress report, jul. 1968	1968
19680092504	Power density study on an a-c charged particle generator	1968
19680092508	Protective coating system for a regeneratively cooled thrust chamber monthly progress report, 1-29 feb. 1968	1968
19680092509	Surface tension in the force boundary condition	1968
19680092510	Development of back-tension drawing process interim progress report, 2 jan. - 1 apr. 1968	1968
19680092512	Mass transfer to a turbulent boundary layer with step changes in boundary conditions in variable free-stream velocity annual report, 1 jul. 1967 - 1 jul. 1968	1968
19680092514	Progress report, period ending 30 june 1968	1968
19680092515	Applications of calculus of variations to the optimization of multistage trajectories, semiannual status report, 1 jan. - 30 jun. 1968	1968
19680092517	An investigation in irreversible macroscopic phenomena progress report	1968
19680092532	Rk8129 improvement program /u/ progress report, 1 nov. - 1 dec. 1967	1968
19680092533	Rk8129 improvement program /u/ progress report, 1 dec. 1967 - 1 jan. 1968	1968
19680092534	Rk8129 improvement program /u/ progress report, 1 jan. - 1 feb. 1968	1968
19680092536	Advanced v/stol thrust vectoring and reaction control augmentation /u/ quarterly phase report, 15 nov. 1966 - 15 feb. 1967	1968
19680092539	Constitutive equations for nonviscometric flows progress report, 1 jan. - 30 jun. 1968	1968
19680092542	Nasa safety and arming device /remote controlled/ final test report, 1 aug. - 12 dec. 1967	1968
19680092548	The hele-shaw cell	1968
19680092549	Project Gemini Final Report	1968
19680092552	Power relay design and electrical contacts analysis and evaluation final report, 1 jul. 1964 - 15 jan. 1968	1968
19680092556	Advanced valve technology monthly progress report, 1 may - 1 jun. 1968	1968
19680092557	A comprehensive program for the compilation and analysis of thermal radiative properties data annual report, 1 jun. 1967 - 31 may 1968	1968
19680092574	Launch vehicle no. 8 flight evaluation /u/	1968
19680092609	A theoretical and experimental study of the ionosphere using radio signals from earth satellites Progress report, 1 Jan. - 30 Jun. 1968	1968
19680092612	Weapon system 133B. Program progress and research and development stage 1 Minuteman, 1 January through 31 March 1968	1968
19680092617	Reentry monitoring and backup control procedures for near earth orbital missions	1968
19680092625	Advanced theoretical and experimental studies in automatic control and information systems Semiannual status report, 1 Jan. - 30 Jun. 1968	1968
19680092632	Auroral Airborne Expedition 1968 Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19680092634	Apollo mission techniques - Apollo 7 launch phase aborts	1968
19680092635	Solar physics Semiannual progress report, 1 Nov. 1967 - 30 Apr. 1968	1968
19680092639	Non-steady gasdynamics Semiannual report	1968
19680092643	Nuclear flight executive program. Version 4. Operating manual	1968
19680092647	The study of hydrocarbon fuel vapor phase deposits Quarterly progress report, 16 Nov. 1967 - 16 Feb. 1968	1968
19680092652	An experimental investigation of spin-lattice interactions Semiannual status report	1968
19680092654	Experimental study of a weak turbulence field Semiannual progress report, Dec. 1967 - Jun. 1968	1968
19680092655	Theoretical problems connected with sonic boom Progress report	1968
19680092660	An investigation of tandem row high head pump inducers Progress report, 1 Apr. - 30 Jun. 1968	1968
19680092664	Theoretical investigation of the constitution of the moon and planets Semiannual report, Jan. 1 - Jun. 30, 1968	1968
19680092666	Evaluation of explosive hazard criteria and safety practices associated with Titan 3 launch facility siting, design and operations	1968
19680092672	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680092674	User manual for the finite element program of structural analysis Final report	1968
19680092676	The geochemistry of trace elements in meteorites and related materials Semiannual progress report, 1 Jul. 1967 - 31 Mar. 1968	1968
19680092680	Reliability verification test procedure to verify BuWeps part number 2360637, rectifier	1968
19680092682	Lot-sampling test report nos. 712A and 724B	1968
19680092683	C-3 engineering evaluation test procedure, transistor n-p-n, silicon, high power	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680092684	Lot-sampling test report nos. 633A, 705, 711A, 717A and 727A	1968
19680092697	Advanced array research Quarterly report, 15 Feb. - 31 May 1968	1968
19680092699	Exploratory development for missile guidance and airframes Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19680092700	Evaluation of prototype F-4J cockpit sill water diverters Final report, 19 Feb. - 6 Apr. 1968	1968
19680092704	Evaluation results, Isofilm diodes	1968
19680092706	Transistor, switching	1968
19680092716	Transformer qualification	1968
19680092726	Loading evaluation of in-tube clearances during on-loading	1968
19680092751	Evaluation of Malco piggyback wrapost receptacles	1968
19680092752	Pressure transducer Failure analysis report	1968
19680092754	Qualification report for cable, radio frequency, semi-rigid per BuWeps dwg. 2577171	1968
19680092761	Investigation of adhesive bonded aluminum honeycomb structures for aircraft during the period from 26 April 1967 - 26 April 1968	1968
19680092773	C-5A cargo floor rolling wheel endurance test	1968
19680092776	RC07 resistor evaluation /A-B/Speer/ Stackpole/	1968
19680092782	C-3 engineering evaluation test for BuWeps part number 2760019-1, transformer, power	1968
19680092792	Microminiature Pinlite lamp L15-45	1968
19680092793	Safety manual MSCM 1700	1968
19680092798	Drilling clean smooth holes in multilayer circuit cards	1968
19680092838	Reliability verification test procedure for captive screws	1968
19680092862	Resistor, fixed, metal film, 1/2 watt /style 70/ Lot-sampling test reports nos. 717C and 727B	1968
19680092864	Electron-impact ionization cross-sections and ionization rate coefficients for atoms and ions from scandium to zinc	1968
19680092879	Cryogenic propellant gage Quarterly report	1968
19680092883	Monte Carlo calculations of residual nuclei production in thick iron targets bombarded by 1- and 3-GeV protons and comparison with experiment	1968
19680092885	Subcarrier oscillator	1968
19680092891	Some theoretical aspects of plasma heating by high frequency fields	1968
19680092901	Capacitors, electrolytic, aluminum foil, axial lead, metal case, Ducati	1968
19680092903	Component parts evaluation report on connector, electrical, mated, printed circuit, captive, miniature rectangular	1968
19680092904	Evaluation test of capacitor, Litton P/N 860251-8, rev. A	1968
19680092910	Nonequilibrium gasdynamics Quarterly report, Apr. - Jun. 1968	1968
19680092911	Low pressure restartable oxygen/hydrogen burner Final report, 2 May 1967 - 2 May 1968	1968
19680092913	Advanced electrochemical technology Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19680092932	Qualification test of "H" film printed circuit cables	1968
19680092939	Research in electrohydrodynamics and traveling-wave electromechanical energy conversion Semiannual report, 1 Feb. - 31 Jul. 1968	1968
19680092945	Evaluation of NAS 1672 blind fastener	1968
19680092947	Electronic ceramics by reactive hot pressing Final report, 1 Apr. 1967 - 31 Mar. 1968	1968
19680092949	Helicopter noise Status report, 1 Dec. 1967 - 31 May 1968	1968
19680092956	Theoretical and experimental studies in ultraviolet solar physics Semiannual status report, 1 Feb. - 31 Jul. 1968	1968
19680092959	Sounding rocket measurements of ionospheric current systems Progress report, 1 Nov. 1967 - 10 Aug. 1968	1968
19680092967	Oxidizer tank vent and relief valve, formal qualification test, DAC SCN 1A48312-505 AG	1968
19680092970	Two speed speed decreaser	1968
19680092974	The effect of composition on the mechanism of stress-corrosion cracking of titanium alloys in N2O4, and aqueous and hot-salt environments Quarterly report, 1 Nov. 1967 - 31 Jan. 1968	1968
19680092982	CUD progress report to DDNPR admiralty, October 1967 - April 1968	1968
19680092990	Space storable propellant performance program Monthly progress report, 1-29 Feb. 1968	1968
19680092994	Two GH2 manifold assemblies. Two GOX manifold assemblies Qualification test report	1968
19680093007	Formal qualification test on fuel tank vent and relief valve DAC SCN 1A48257-501 and 1A48257-509	1968
19680093019	Formal qualification test of the APS low pressure helium module DAC SCN 1A49998-503	1968
19680093028	Proceedings of the Third NASA Intracenter Microelectronics Conference	1968
19680093029	Langley Research Center microelectronics program	1968
19680093030	Microelectronics program summary	1968
19680093031	The JPL microelectronics program	1968
19680093032	Summary of microelectronics program at ERC	1968
19680093033	GSFC in-house microelectronics program	1968
19680093034	GSFC ultra-low power computer development program	1968
19680093035	An integrated circuit microwave telemetry transmitter and companion command receiver	1968
19680093036	The use of integrated circuits in a low-noise video preamplifier	1968
19680093037	MOS-FET drivers for a laminated ferrite memory	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093038	The large scale integration of a ten-bit counter/shift register module	1968
19680093039	Integrated circuit bipolar complementary low-lower logic	1968
19680093040	Microminiaturization of the control signal processor	1968
19680093041	Microminiature control computer	1968
19680093042	Microelectronics associated with the inertial stabilized platform	1968
19680093043	Microminiaturization of a switch selector	1968
19680093044	Microminiaturization of Saturn telemetry hardware	1968
19680093045	Second breakdown and thermal instabilities in transistors	1968
19680093046	Ion implantation in refractory semiconductors	1968
19680093047	Investigations on the oxidation of the silicon/silicon-nitride structure	1968
19680093048	Resistivity measurement improvement study for silicon wafers using four-probe method	1968
19680093049	Failure analysis using a scanning electron microscope	1968
19680093050	Advanced instrumental techniques for failure analysis	1968
19680093051	Effective screening of integrated circuits	1968
19680093052	Study of failure and reliability in microelectronic devices	1968
19680093053	Assessment of reliability of metal-oxide-silicon devices	1968
19680093054	In-flight radiation damage on MOSFETs	1968
19680093055	Gross leak testing of small hermetically sealed packages	1968
19680093056	Effect of hydrogen reduction and static discharge on silver palladium resistors and aluminum conductors	1968
19680093057	Design appraisal techniques for integrated circuits	1968
19680093058	High reliability microcircuit procurement	1968
19680093059	Film formation as observed by in-situ electron microscopy	1968
19680093060	Deposition of germanium films by evaporation in ultrahigh vacuum	1968
19680093061	The epitaxial growth of cubic silicon carbide	1968
19680093062	Deposition of a family of wide band-gap semiconductor films	1968
19680093063	Semiconducting thin films by the three-temperature method	1968
19680093064	The adhesion of gold-underlayer film combinations to glass substrates	1968
19680093065	The thin-film piezoelectric resonator	1968
19680093066	High dielectric thick films for screened circuit capacitors	1968
19680093067	Effect of electron radiation on silicon nitride insulated gate field effect transistors	1968
19680093068	The application of computer-aided circuit analysis in reliability assessment	1968
19680093069	Computer-oriented sensitivity and tolerance techniques	1968
19680093070	A computer program for subnetwork enumeration and listing	1968
19680093071	Monte Carlo methods for predicting integrated circuit yield	1968
19680093072	Horizons in guidance computer component technology	1968
19680093073	Magnetic properties of selected spacecraft materials	1968
19680093079	Investigation of fast wave beam/plasma interactions Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19680093080	Design considerations for STC 8 GHz experimental satellite ground terminal /SET-2/	1968
19680093082	The conduct of space sciences experiments at the Jicamarca Radar Observatory, Lima, Peru Informal letter report, 1 Apr. - 30 Jun. 1968	1968
19680093085	Propulsive re-entry aerodynamics /rocket plume in counterflow/ Monthly status report	1968
19680093088	Formal qualification test of APS low pressure helium module DAC SCN 1A49998-503	1968
19680093095	Spatial nucleation and crystal growth Progress report, 1 Oct. 1967 - 31 Mar. 1968	1968
19680093096	Study and evaluation of the constant-momentum mass spectrometer for ion analysis in the D and E regions of the ionosphere Semiannual report, 1 Dec. 1967 - 1 Jun. 1968	1968
19680093101	Circadian rhythms as influenced by gravity Final report addendum, 1 Mar. - 30 Jun. 1968 1968	1968
19680093109	Report of preproduction test on storage battery AK01905-LTV215-37271	1968
19680093114	Gravity boiling studies Annual report	1968
19680093116	Accelerated service test and evaluation of the North American Rockwell OV-10A aircraft propulsion system Interim report	1968
19680093119	Evaluation Motorola 2N3637	1968
19680093127	Sockets, dual in-line	1968
19680093128	Qualification test report on MIS 16276 filter made by Genisco Tech. Corp.	1968
19680093131	Program description NMCS Information Processing System NIPS IBM 1410/7010. Volume 1 - General purpose components. Part 3 - File Maintenance Proper Disk FMPD	1968
19680093141	Environmental and reliability report - High temperature life test on AXIMAX3-341JS blowers	1968
19680093143	Qualification and evaluation test of Bourns microminiature potentiometers type nos. 3280L-1, 3280W-1, 3280W-66	1968
19680093145	Tris non-metallic materials document report by document category	1968
19680093148	Component parts evaluation report on semiconductor, transistor, power, silicon n-p-n	1968
19680093149	Full-wave bridge rectifier evaluation - Semtech/soliton	1968
19680093150	Program description NMCS information processing system. Volume 1 - General purpose components. Part 8 - Multifile output /Mop/ and File Generation /FG/	1968
19680093153	Static/dynamic test of skin load transducers	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093158	Formation of alkali iron sulfates and other compounds causing corrosion in boilers and gas turbines Final informal letter report	1968
19680093160	Qualification test of inductor per army ordnance drawing 11069797	1968
19680093161	Program description NMCS information processing system. Volume 1 - General purpose components. Part 7 - Remote inquiry RIP PDAT	1968
19680093166	Survey study of the interconnection and packaging problems in microelectronics	1968
19680093168	Report of test on 09-00241-000 reactor	1968
19680093172	Aircraft landing gear dynamic loads from operation on clay and sandy soil Monthly status summary report, 1-29 Mar. 1968	1968
19680093175	Feasibility evaluation of toroidal combustion chamber /U/ Monthly progress report, period ending 30 Apr. 1968	1968
19680093177	Feasibility evaluation of toroidal combustion chamber /U/ Monthly progress report, period ending 31 May 1968	1968
19680093181	Chamber technology for space storable propellants /U/ Quarterly progress report, 26 Mar. - 26 Jun. 1968	1968
19680093191	Phase-structure oriented query language. Volume 3. Program documentation Final report, Jul. 1966 - Dec. 1967	1968
19680093194	Temperature, testing of solenoids used in ferrite microwave switching	1968
19680093195	C-5A age compatibility test procedure headset, microphone	1968
19680093196	Qualification testing of Aerovox filter FC005-01 to W drawing 579R737H01	1968
19680093197	Qualification testing of Aerovox filter FC005-01 to W drawing 579R737H01	1968
19680093201	Study of non-linear rarefied gas flows by the discrete ordinate method Semiannual report, 1 Feb. - 31 Jul. 1968	1968
19680093203	Q-ball cover removal system, P/N 76k04287 - /Q-ball cover removal system redesign ECP 0624	1968
19680093207	Limited evaluation of twenty Fairchild type 2N2369A-4 transistors	1968
19680093246	Chamber technology for space storable propellants /U/ Monthly progress report, period ending 26 Apr. 1968	1968
19680093286	Chamber Technology for Space Storable Propellants. Monthly Progress Report for Period Ending 26 May 1968	1968
19680093298	Investigations of dust in the upper atmosphere by optical radar Semiannual report, 1 Jul. - 31 Dec. 1967	1968
19680093302	Analysis of notches and cracks Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19680093304	Hydrostatic pressure-temperature, as environmental parameters, on growth, biochemistry and physiology of microorganisms Semiannual progress report, 1 Jan. - 30 Jun. 1968	1968
19680093305	Report of test on 09-00241-000 reactor	1968
19680093306	Therole of brown fat in the thermogenesis of animal and man Progress report, 1 Jan. - 30 Jun. 1968	1968
19680093307	A study of the chemosynthetic gas exchanger Quarterly progress report, 14 Mar. - 14 Jun. 1968	1968
19680093308	Reliable solid-state circuits Semiannual report, 1 Jul. - 31 Dec. 1967	1968
19680093309	Experimental and analytical studies of reflecting shock waves in a real gas Semiannual progress report, 1 Feb. - 31 Jul. 1968	1968
19680093322	Properties of powdered titanium alloys Monthly progress report, 1-28 Jul. 1968	1968
19680093323	Advanced bearing study Monthly progress report, 1-31 Jul. 1968	1968
19680093324	Auxiliary propulsion for automatic planetary spacecraft Monthly status report for Jul. 1968	1968
19680093325	Fluorine lubricated bearing technology Monthly report for Jul. 1968	1968
19680093326	Reflectometer experiment Monthly report	1968
19680093327	Reflectometer experiment Monthly report	1968
19680093328	Sixth quarterly report, 1 May - 31 Jul. 1968	1968
19680093329	Autoflow support contract Quarterly report, 1 Apr. - 31 Jul. 1968	1968
19680093331	Technical details and electrical bench testing of the command gate for S27A-1 S27A-2	1968
19680093333	Development of a filament-overwrapped cryoformed metal pressure vessel Monthly progress report for Aug. 1968	1968
19680093334	The characteristics and standard variability of composite solid propellant tensile properties Monthly progress report	1968
19680093335	Survey of the interconnection and packaging problems in microelectronics	1968
19680093336	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 31 Jul. - 31 Aug. 1968	1968
19680093337	Fluorine-hydrogen performance investigation program Monthly progress report, 27 Jun. - 26 Jul. 1968	1968
19680093338	Research investigation of the decomposition of composite solid propellants Monthly status report, 6 Aug. - 5 Sep. 1968	1968
19680093339	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the electroforming process Monthly progress report, 1 - 31 Jul. 1968	1968
19680093340	System analysis of gelled space-storable propellants Quarterly progress report, 4 May - 3 Aug. 1968	1968
19680093342	Status report, January 1 - June 30, 1968	1968
19680093343	Control of systems with large parameter variations Annual report, Sep. 1967 - Sep. 1968	1968
19680093344	Cryogenic tank support evaluation Monthly progress report, 30 Jun. - 31 Jul. 1968	1968
19680093345	Inducer dynamics partial-flow turbine drive Monthly progress report, period ending 31 Jul. 1968	1968
19680093346	Stable and unstable crack growth in viscoelastic media	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093347	Tidal theory and orbital perturbations Semiannual report, Dec. 1, 1967 - May 31, 1968	1968
19680093349	Cryogenic positive expulsion diaphragm Monthly progress report, 1-31 Jul. 1968	1968
19680093352	Research and exploratory development Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19680093354	Propulsion system thermal design study Monthly progress report, 10 Jul. - 10 Aug. 1968	1968
19680093356	Cryogenic gas storage system Monthly progress report, 1-31 Jul. 1968	1968
19680093357	Study of inducer load and stress Monthly progress report, 1-31 Jul. 1968	1968
19680093358	Cryogenic alloy screening Monthly progress report, 28 Jun. - 27 Jul. 1968	1968
19680093360	Determination of guidelines for finite element structural analysis Quarterly progress report, 1 Mar. - 31 Jul. 1968	1968
19680093361	Modification and Upgrading of Modular Solar Simulation for the Space Environmental Simulator Phase 1a-1b Progress Report	1968
19680093362	Computer controlled checkout methods for the RF portion of large steerable antennas Final report, 1 Jun. 1967 - 30 Apr. 1968	1968
19680093364	Minitrack STADAN antenna broadband study and design /137.0 MHz/	1968
19680093366	A light ion mass spectrometer experiment for OGO-E Quarterly report, 1 Jun. - 31 Aug. 1968	1968
19680093368	Supply of three /3/ complete Black Brant 4 sounding rocket systems to NASA Manned Spacecraft Center Final report	1968
19680093369	Particle acceleration by electrostatic waves propagating nearly perpendicularly to a magnetic field	1968
19680093378	Development of a protective coating system for regeneratively cooled thrust chambers Monthly progress report, 1-31 Jul. 1968	1968
19680093380	System analysis of gelled space-storable propellant Monthly progress report, 4 Jun. - 3 Jul. 1968	1968
19680093385	Phase-structure oriented query language. Volume 4. Program documentation Final report, Jul. 1966 - Dec. 1967	1968
19680093386	Phrase-structure oriented query language. Volume 2. System description Final report, Jul. 1966 - Dec. 1967	1968
19680093388	Beryllium	1968
19680093389	Production engineering measure on 2N3055 silicon transistor. Volume 3 - Quality control manual Final report	1968
19680093390	Investigation of the effect of turbulence on flying qualities Quarterly letter report, 1 Jun. - 31 Aug. 1968	1968
19680093391	Investigation of space-related "whistler" propagation phenomena in laboratory plasmas Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19680093392	Thermodynamic improvements in LH2-turbopumps Monthly status report, period ending 16 Jul. 1968	1968
19680093393	Flox/diborane vacuum ignition studies Second quarterly research progress report, 15 May - 23 Aug. 1968	1968
19680093394	Chamber technology for space storable propellants Monthly progress report, period ending 26 Jul. 1968	1968
19680093396	Investigation of boundary layer transition Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19680093397	Angular momentum desaturation for ATM cluster configuration using gravity gradient torques	1968
19680093400	A study to analyze the permeation of high density gases and propellant vapors through single layer Teflon or Teflon structure materials and laminations Monthly progress report, 19 Jul. - 19 Aug. 1968	1968
19680093401	Outgassing contamination and gas analysis of dielectric materials used in the ATM program	1968
19680093402	Automated microbial metabolism laboratory Quarterly report, 6 May - 6 Aug. 1968	1968
19680093403	Investigation of methods for transpiration cooling liquid rocket chambers Monthly status report	1968
19680093404	Evaluation of the Lockheed proposed Starlet launch vehicle system	1968
19680093405	An investigation of nonlinear interaction phenomena in the ionosphere Semiannual progress report, 1 Dec. 1967 - 1 Jun. 1968	1968
19680093406	Standardization Centaur design analysis study, appendices 1, 2, and 3	1968
19680093407	Dielectric properties of battery electrolytes Quarterly report, 8 Aug. - 8 Jul. 1968	1968
19680093408	Optimization of design of space experiments from the standpoint of data processing Semiannual report, Apr. 1 - Sep. 30, 1968	1968
19680093409	Variational formulations and finite element methods for thin elastic shells and plates	1968
19680093410	Techniques for ruling improved large diffraction gratings Semiannual report, Mar. 1 - Sep. 1968	1968
19680093411	Development and demonstration of criteria for liquid fluorine feed system components Monthly report, 1 Jul. - 1 Aug. 1968	1968
19680093412	Reinforced oxide throat insert development Monthly progress report, 1-31 Jul. 1968	1968
19680093413	Preparation of fluoroelastomers for use with cryogenic storable propellants Quarterly report, 1 May - 31 Jul. 1968	1968
19680093414	Experimental verification of surface vehicle dynamics Monthly progress report, 1-30 Jun. 1968	1968
19680093415	Investigation of instabilities of atmospheric flow systems associated with clear air turbulence Quarterly progress report, 16 May - 15 Aug. 1968	1968
19680093416	Coupling of acoustic energy from the troposphere to the ionosphere Quarterly progress report	1968
19680093417	Flaw definition through nondestructive testing	1968
19680093418	Investigation of deep flaws in thin wall tanks Monthly progress report, 1-30 Jun. 1968	1968
19680093419	Flox-diborane technology Informal monthly status letter 659-M-4, 15 Jun. - 15 Jul. 1968	1968
19680093420	Cryogenic metallic positive expulsion bellows testing Second monthly technical progress narrative, Aug. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093421	The characteristics and standard variability of composite solid propellant tensile properties Monthly progress report, 1-31 Jul. 1968	1968
19680093422	Theoretical and experimental investigations of the interplanetary medium and in gamma-ray astronomy Progress report, 1 Nov. - 1967 - 30 Apr. 1968	1968
19680093423	Magnetospheric substorms observed at the synchronous orbit	1968
19680093424	A theoretical analysis of static and dynamic behavior of some Maser spin systems Semiannual progress report, 1 Jan. - 30 Jun. 1968	1968
19680093425	Study of X-ray emission from selected regions of the Southern Hemisphere sky Semiannual report, 1 Apr. - 30 Sep. 1968	1968
19680093426	Space storable thruster investigation Monthly progress report, 1-31 Jul. 1968	1968
19680093427	Progress report	1968
19680093428	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids Monthly letter progress report	1968
19680093429	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive welding process Progress report, 1-31 Jul. 1968	1968
19680093430	Theoretical and experimental evaluation of inelastic neutron scattering and other neutron induced reactions for remote surface analysis Semiannual report, 1 Apr. - 30 Sep. 1968	1968
19680093431	Aerobee X-ray investigations Bimonthly progress report, 1 Jul. - 31 Aug. 1968	1968
19680093432	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 30 Jun. - 31 Jul. 1968	1968
19680093433	Advanced engine aerospike experimental investigation performance program Monthly status report, 1-31 Jul. 1968	1968
19680093434	Advanced injector concepts investigation Informal monthly progress report, 1 Jul. - 1 Aug. 1968	1968
19680093435	Advanced bearing study Monthly progress report, 1-31 May 1968	1968
19680093436	Flox-diborane vacuum ignition studies Fourth monthly research contract status report, 15 Jun. - 18 Jul. 1968	1968
19680093437	Eighth quarterly report, May - July 1968	1968
19680093438	Communications processor loading studies time usage model	1968
19680093442	Development of a fast 10.6-micron infrared detector Quarterly report	1968
19680093443	Addendum to eighth reliability assessment for the orbiting geophysical observatories	1968
19680093444	Feasibility evaluation of toroidal combustion chamber Monthly progress report, period ending 31 Aug. 1968	1968
19680093445	Advanced bearing study Monthly progress report, 1-31 Aug. 1968	1968
19680093446	Study of the mechanics of non-Newtonian fluids Quarterly status report, period ending 26 Jun. 1968	1968
19680093447	Micro-orifice injectors for space storable propellants Informal monthly status letter, 1 Aug. - 1 Sep. 1968	1968
19680093448	Cycle testing of boron filament-wound tanks Monthly progress report, 28 Jun. - 26 Jul. 1968	1968
19680093449	Structural design concept for future space missions Progress report, 1 Nov. 1967 - 30 Apr. 1968	1968
19680093450	Micro-orifice injectors for space storable propellants	1968
19680093451	Coatings for advanced thrust chambers	1968
19680093453	Measurement of intensity of turbulence in drag reducing and non-drag reducing organic solutions Summary report, 1 Feb. 1965 - 31 Aug. 1968	1968
19680093456	Progress report for period ending 31 August 1968	1968
19680093458	Project OPLE Final report, 28 Jun. 1967 - 28 Jan. 1968	1968
19680093459	Theoretical study of charged partial temperatures in the ionosphere Progress report for period ending 31 Aug. 1968	1968
19680093461	Protective coatings for refractory metals in rocket engines Quarterly report, 13 Apr. - 13 Jul. 1968	1968
19680093463	Investigation of a tandem row high head pump inducer Progress report, 1-31 Jul. 1968	1968
19680093464	Fluorine-hydrogen performance evaluation Quarterly progress report, period ending 26 Jun. 1968	1968
19680093465	Theoretical study of non-linear waves and shock-like phenomena in hot plasmas	1968
19680093467	Development of a technique for sampling the boundary flow gases in rocket motors Progress report, 10 Jul. - 10 Aug. 1968	1968
19680093468	Research in solar flares and the solar atmosphere Semiannual progress report, 1 Nov. 1967 - 30 Apr. 1968	1968
19680093469	Investigation of advanced thrust chamber designs Monthly report, 6 Jul. - 6 Aug. 1968	1968
19680093470	Evaluation of protective coatings for rocket engines Monthly report, 1-31 Jul. 1968	1968
19680093471	Development of liquid oxygen compatible adhesive system Monthly progress report, 1-31 Jul. 1968	1968
19680093472	Quadrupole mass spectrometer	1968
19680093474	Monthly Technical Progress Report for June 1968	1968
19680093475	Rocket probes for the upper F-region Quarterly report	1968
19680093476	X-ray astronomy observations from sounding rockets Semiannual status report, 1 Dec. 1967 - 31 May 1968	1968
19680093477	Hydrogen-fluorine engine evaluation Monthly status report, 1-31 Jul. 1968	1968
19680093478	Study of dual channel spectroradiometer systems Monthly progress report, period ending 31 Jul. 1968	1968
19680093479	High temperature strain gage Monthly progress report, 1-31 Jul. 1968	1968
19680093480	Investigation of deep flaws in thin wall tanks Monthly progress report, 1-31 Jul. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093481	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 29 Jun. - 26 Jul. 1968	1968
19680093482	Space storable regenerative cooling investigation Monthly progress report, Jul. 1968	1968
19680093483	Rocket engine ablative material phenomena Monthly progress report, 1-31 Jul. 1968	1968
19680093484	Flox diborane technology Informal monthly status progress letter no. 659-M-5, 15 Jun. - 15 Jul. 1968	1968
19680093485	Cryogenic alloy screening Monthly progress report, 28 Jul. - 27 Aug. 1968	1968
19680093486	Space storable thruster investigation Monthly progress report, 1-30 Jun. 1968	1968
19680093487	A study to analyse the permeation of high density gases and propellant vapors through single layer Teflon or Teflon structure materials and laminations Monthly progress report, 19 Jul. - 19 Aug. 1968	1968
19680093488	Cavitation similarity studies at cryogenic temperatures with cryogenic liquids Monthly progress report, 1-31 Jul. 1968	1968
19680093489	Mission Analysis Computer Program Quarterly Report, 4 Jan. - 31 Mar. 1968	1968
19680093491	Ablative chamber test program Technical progress report, 1 Jun. - 31 Aug. 1968	1968
19680093493	Liquid hydrogen mixer unit Monthly progress report	1968
19680093494	Space storable regenerative cooling investigation Monthly progress report, 1-30 Jun. 1968	1968
19680093495	Stress corrosion cracking of titanium alloys - Brief summary of electrochemical mechanisms Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19680093497	Standardized Centaur design analysis study Final report	1968
19680093499	Space storable propellant performance program Monthly progress report, Jun. 1968	1968
19680093500	Effect of baffles on combustion instability Monthly progress report, Jul. 1968	1968
19680093503	Performance analysis of composite propulsion systems Monthly status letter, 25 Jul. - 24 Aug. 1968	1968
19680093504	Space storable propellant performance program Monthly progress report, Jul. 1968	1968
19680093505	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 4-28 Jun. 1968	1968
19680093507	Program of X-ray astronomy from sounding rockets Quarterly progress report, 1 Apr. - 31 Jul. 1968	1968
19680093508	Proposed research and advanced development program at the Jet Propulsion Laboratory, fiscal year 1969	1968
19680093509	Performance analysis of composite propulsion systems Monthly status letter no. 11, 25 Jun. - 24 Jul. 1968	1968
19680093511	Development of solar-panel system for thermally annealing radiation damaged solar cells Quarterly periodic progress report, 1 Apr. - 1 Jul. 1968	1968
19680093513	Rocket engine ablative material phenomena Progress report, 1 May - 30 Jun. 1968	1968
19680093514	Nimbus meteorological satellite, integration and testing Quarterly progress report, 16 Nov. 1967 - 15 Feb. 1968	1968
19680093516	Mission Analysis Computer program Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19680093517	Evaluation of protective coatings for rocket engines Monthly report, 1-30 Jun. 1968	1968
19680093518	Operation and maintenance manual gaseous hydrogen detection system MSOB altitude chambers	1968
19680093520	Effect of changes in apparent weight on the efficiency of synthetic steroids to alter calcium metabolism. 1 - Quantitative aspects of hormone administration and various dietary constituents on calcium accretion and resorption Terminal report	1968
19680093521	Nimbus D, Interrogation, Recording, and Location Subsystem /IRLS/ Quarterly report, 1 Mar. - 1 Jun. 1968	1968
19680093522	Coatings for advanced thrust chambers Monthly report, 30 Jun. - 31 Jul. 1968	1968
19680093523	Analytical study of non-continuum flow processes in nozzles Quarterly progress report, 1 May - 31 Jul. 1968	1968
19680093524	Installation and operating of a three-frequency riometer system on the NASA CV 990 aircraft during the auroral expedition for the period period 15 May - 15 August 1968 Quarterly status report	1968
19680093525	Correlation between solid propellant mechanical properties and explosion effects Progress report for Jun. 1968	1968
19680093526	High accuracy instrumentation radar Monthly progress report, 1 Aug. - 1 Sep. 1968	1968
19680093527	Quarterly progress report, 12 March - 11 June 1968	1968
19680093528	Protective coating system for a regeneratively cooled thrust chamber Monthly progress report, 1-30 Jun. 1968	1968
19680093529	Non-noble metal electrocatalysts for fuel cells Quarterly status report	1968
19680093530	Cosmic ray investigations utilizing an emulsion chamber calorimeter combination Semiannual status report, 1 Jan. - 30 Jun. 1968	1968
19680093531	Empire project phase 4. Electro magnetic performance information research Final report	1968
19680093532	Powder metallurgy	1968
19680093535	Techniques for fabricating rocket engine components containing intricate flow channels Monthly progress report, 1-31 Jul. 1968	1968
19680093536	Development of a protective coating system for regeneratively cooled thrust chambers Monthly progress report, 1-30 Jun. 1968	1968
19680093537	RL10 rocket engine Monthly technical report, 1 Jun. - 1 Jul. 1968	1968
19680093538	Development of a filament-overwrapped cryoformed metal pressure vessel Monthly progress report	1968
19680093539	A basic study on the ignition of hypergolic liquid propellants	1968
19680093540	Survey study of the interconnection and packaging problems in microelectronics	1968
19680093541	Space storable thruster investigation Monthly progress report, 1-30 May 1968	1968
19680093542	Hydrogen safety Progress report, 1 Apr. - 30 Jun. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093543	Cryogenic tank support evaluation Monthly progress report, 31 May - 30 Jun. 1968	1968
19680093544	Angular Accelerometer	1968
19680093545	Acoustic liners for large engines Monthly status report, 1-31 Jul. 1968	1968
19680093546	Eighth monthly progress report, 1-31 May 1968	1968
19680093548	Investigation of advanced thrust chamber designs Monthly progress report, 6 Jun. - 6 Jul. 1968	1968
19680093549	Properties of powdered titanium alloys Monthly progress report, 3-30 Jun. 1968	1968
19680093550	Analytical study of catalytic reactors for hydrazine decomposition Quarterly progress report, 15 Apr. - 14 Jul. 1968	1968
19680093551	The characteristics and standard variability of composite solid propellant tensile properties Monthly progress report, 1-30 Jun. 1968	1968
19680093552	Magnetohydrodynamic heat transfer in parallel channel with electrically conducting walls and unsymmetrical heat flux	1968
19680093554	Development of a high-strength high-modulus ceramic fiber Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19680093555	Metal tank fracture and design criteria Monthly progress report, 28 Jun. - 15 Jul. 1968	1968
19680093556	Space systems analysis and computer programming services Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19680093557	Protective coatings for refractory metals in rocket engines Monthly letter report, 13 Jul. - 13 Aug. 1968	1968
19680093558	Independent tracking coordination program Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19680093559	Protective coating system for regeneratively cooled thrust chamber Monthly progress report	1968
19680093560	Investigation of deep flaws in thin wall tanks Monthly progress report, 1-31 Aug. 1968	1968
19680093561	Paleochemistry of amino acids and polypeptides Letter report, 1 Feb. - 31 Jul. 1968	1968
19680093562	Statistical prediction of turbulence-penetration performance based on aircraft characteristics and control philosophy Bimonthly progress report, 1 Jul. - 31 Aug. 1968	1968
19680093563	Advanced pyrolytic spacecraft thrust chamber materials Monthly letter progress report, 23 Jun. - 22 Aug. 1968	1968
19680093564	Minimum pressure loss in high velocity flow duct systems Monthly progress report	1968
19680093565	Fluorine-hydrogen performance investigation program Monthly progress report, 27 Jul. - 26 Aug. 1968	1968
19680093566	Friction and wear measurement device Final report	1968
19680093567	Progress report, 1 May - 31 July 1968	1968
19680093568	Far infrared rocket astronomy Progress report, 1 Sep. 1967 - 31 May 1968	1968
19680093569	Photochromic materials research for optical display Progress report, 1 May - 31 Jul. 1968	1968
19680093570	Electron and field interactions with thin films and surfaces Semiannual report	1968
19680093571	Study of laser deposited thin films Quarterly report, 5 Feb. - 4 May 1968	1968
19680093575	Cryogenic gas storage system Monthly progress report, Aug. 1968	1968
19680093579	Computational methods and implementation techniques for problems related to navigation, guidance, and control Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19680093580	Flox/methane pump-fed engine study Monthly progress report, 6 Jul. - 5 Aug. 1968	1968
19680093581	Space storable thruster investigation Monthly progress report, 1 Jun. - 2 Aug. 1968	1968
19680093583	NASA/ESSA WEFAX experiment evaluation report /ATS-1/, change no. 9 Final report, 6 Dec. 1966 - 31 Dec. 1967	1968
19680093584	Reflectometer experiment Eighth post-launch monthly report	1968
19680093585	Evaluation of DC pin-to-pin testing technique Final report, 5 Jan. - 19 Apr. 1968	1968
19680093586	Ground receiver systems /15.3 GHz/ for the ATS millimeter wave propagation experiment	1968
19680093587	Re-entry F program failure Summary report	1968
19680093588	Re-entry F prototype spacecraft system qualification humidity test	1968
19680093589	Numerical solutions and visual display of flow over aerodynamic bodies Progress report	1968
19680093590	Infrared filter wedge spectrometer instrument for Nimbus "D" satellite Quarterly report, 1 Apr. - 1 Jul. 1968	1968
19680093591	Ambient plasma effects upon electrostatically expanded mesh structures Final report	1968
19680093592	Infrared interferometer spectrometer /IRIS/ instrument for Nimbus D spacecraft Quarterly report, 15 Mar. - 15 Jun. 1968	1968
19680093595	Theoretical study of the mechanisms of fatigue in photomultipliers	1968
19680093607	ATS - F and G Large Aperture Antenna Fabrication of 30-foot Diameter Model Launch and Orbital Survey Test /phase 2/ Quarterly Report, 1 May - 31 Jul. 1968	1968
19680093608	Notes on a plasmopause mission	1968
19680093611	Design, development, and fabrication of portable instrumentation for nondestructive testing of composite honeycomb materials Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19680093612	Contract quarterly performance report	1968
19680093613	Manned planetary flyby missions /based on Saturn/Apollo systems/ executive summary report	1968
19680093614	Structure of solar magnetic and velocity fields semiannual report	1968
19680093615	Delta launch support final progress report	1968
19680093616	SLV-3C preflight depro control document, revision A	1968
19680093618	Laser effects on vital dental pulps	1968
19680093620	Experimental studies of reinforcing brain simulation, including consideration of behavioral consequences Progress report, 1 Sep. 1967 - 31 Aug. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093621	Studies of development of stress response mechanisms Progress report, 1 May - 31 Aug. 1968	1968
19680093625	Analysis of topside ionograms Final report	1968
19680093626	Wide range electron spectra in the disturbed and undisturbed ionosphere Progress report, 1 Mar. 1966 - 31 Aug. 1968	1968
19680093628	On the existence of steady state flames	1968
19680093630	Development of packaging techniques for a 960-bit plated-wire memory	1968
19680093631	Research in cosmic and solar physics Semiannual report, period ending 31 Aug. 1968	1968
19680093636	Study of the solar chromosphere from balloon altitudes Semiannual report, 1 Feb. - 1 Aug. 1968	1968
19680093637	Sounding rocket program Semiannual status report, 1 Mar. - 31 Aug. 1968	1968
19680093664	PACES - A Planning And Cost Estimating System for operational performance tests of military systems	1968
19680093666	Point and interval estimates of the scale parameter of Weibull populations using point and interval estimates for exponential populations	1968
19680093722	Catalog of DMIC data sheets	1968
19680093726	Conductive and radiative end-wall heat transfer behind reflected shock waves in air and nitrogen	1968
19680093727	Stress corrosion cracking of titanium alloys Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19680093730	Ion beam diagnostics and neutralization Monthly progress report	1968
19680093740	Japan science and technology no. 43	1968
19680093741	Translations on French nuclear, missile, space, and related military developments no. 153	1968
19680093742	Present Status and Future Requirements for Coatings on Superalloys, Refractory Metal, and Graphite. First Progress Report	1968
19680093743	Space storable thruster investigation Monthly progress report, 3-31 Aug. 1968	1968
19680093744	Correlation between solid propellant mechanical properties and explosion effects Progress report, 1 May - 31 Jul. 1968	1968
19680093748	Protective coating system for a regeneratively cooled thrust chamber Monthly progress report, 1-31 Aug. 1968	1968
19680093749	Auxiliary propulsion for automatic planetary spacecraft Monthly status report for Aug. 1968	1968
19680093750	Space storable propellant performance program Monthly progress report for Aug. 1968	1968
19680093754	Measure of transition probabilities for selective elements in the lanthanide group Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19680093758	Development of liquid oxygen compatible adhesive system Monthly progress report, Aug. 1-31, 1968	1968
19680093759	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 27 Jul. - 23 Aug. 1968	1968
19680093760	Liquid hydrogen mixer unit for NASA Lewis Research Center, Cleveland, Ohio 44135	1968
19680093761	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Jul. - 22 Aug. 1968	1968
19680093762	Study and development of a fluid-controlled solid rocket motor for space application Monthly status report, 1-31 Aug. 1968	1968
19680093763	Investigation of advanced thrust chamber designs Monthly progress report, Aug. 6 - Sep. 6, 1968	1968
19680093764	The mechanics of fracture in viscoelastic media Progress report, 15 Apr. - 15 Aug. 1968	1968
19680093765	Research leading to the development of an atomic hydrogen maser for space vehicle application Monthly progress reports, Jan. 1 - Aug. 31, 1968	1968
19680093766	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids Monthly letter progress report, Jun. 1968	1968
19680093767	Development of a protective coating system for regeneratively cooled thrust chambers Monthly progress report, Aug. 1-31, 1968	1968
19680093770	Quarterly status report, 1 March - 31 May 1968	1968
19680093772	Development and demonstration of criteria for liquid fluorine feed system components Monthly report, 1 Aug. - 1 Sep. 1968	1968
19680093773	Acoustic liners for large engines Quarterly report, Aug. 1968	1968
19680093774	Flaw definition through nondestructive testing Monthly progress report, 1-31 Aug. 1968	1968
19680093777	Cryogenic tank support evaluation Monthly progress report, 31 Jul. - 31 Aug. 1968	1968
19680093779	Progress report	1968
19680093780	Space storable regenerative cooling investigation Monthly progress report, Aug. 1968	1968
19680093781	Trends in usage of beryllium and beryllium oxide	1968
19680093782	Trends in usage of platinum Annual report	1968
19680093783	Structural and spectral studies of sunspots Annual report, 1 Sep. 1967 - 1 Sep. 1968	1968
19680093784	ASEE-NASA Summer Research Institute 1968. Old Dominion College Research Foundation- Langley Research Center Program Final report	1968
19680093805	C-3 engineering evaluation test procedure for part number IN4697, Zener diode	1968
19680093818	Antelope reliability verification test procedure on BuWeps part number 2360604 transistor, general purpose, p-n-p	1968
19680093829	Cosmic ray investigations of elementary particle phenomena at very high energies Semiannual status report, 1 Feb. - 1 Aug. 1968	1968
19680093830	ISIS-A clock oscillator Biweekly report number 52, 1 May - 3 Sep. 1968	1968
19680093833	Trends in usage of molybdenum Annual report	1968
19680093836	A three-axes angular accelerometer system Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680093837	Quarterly report for project Apollo, 1 Apr. - 1 Jul. 1968	1968
19680093839	Semiconductors, transistors, general purpose, germanium, p-n-p	1968
19680093843	Integration of high contrast solid-state displays and advanced control circuitry Final technical report, Mar. 1966 - May 1967	1968
19680093845	Space storable thruster investigation Monthly progress report, 1-31 Aug. 1968	1968
19680093853	Special report on leveling and gravity	1968
19680093855	Evaluation tests on relays for electronic and communication	1968
19680093856	Evaluation tests on, resistors, high MEGOHM, mfr's type number HM 125	1968
19680093857	Advanced injector concepts investigation Informal monthly progress report, 1 Aug. - 1 Sep. 1968	1968
19680093858	Stability characterization of advanced injectors Monthly progress report, 1 Aug. - 1 Sep. 1968	1968
19680093864	Space storable regenerative cooling investigation Monthly progress report, 1-31 Aug. 1968	1968
19680093865	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 4-31 Aug. 1968	1968
19680093872	Trends in usage of silver Annual report	1968
19680093943	Ground based sensors - Surveys of foreign scientific and technical literature	1968
19680093945	Research at the aerospace environmental facility - A summary for 1967 Summary report, 1 Jan. - 31 Dec. 1967	1968
19680093952	Evaluation tests on resistors, high MEGOHM, mfr's type number, RX value 7.1010	1968
19680093956	Oceanographic forecasting in the Royal Navy. Section 1 - Forecasting techniques and services - General	1968
19680093959	Evaluation tests on relay, plug-in, DPDT, type J26J2P6A	1968
19680093961	C-3 engineering evaluation test procedure for part number 1 N4697, Zener diode	1968
19680093962	Evaluation tests on blowers, model DF-Q5301 fan 208JS motor	1968
19680093993	Replacement power source for model 90A aerial recovery system winch	1968
19680093996	Qualification testing of a Zener diode for the wooden round missile	1968
19680094002	Evaluation tests on inductor, mfrs. type 406-114	1968
19680094003	Evaluation tests on blowers, type 414ZS motor, propimax 2 fan	1968
19680094006	New findings on the structure of glass	1968
19680094007	Applied research operational weather analysis Quarterly status report, 16 Apr. 1951 - 16 Jul. 1951	1968
19680094027	Chemical propulsion newsletter /U/	1968
19680094064	Evaluation tests on resistors, high megohm, mfr's. type no. M51	1968
19680094067	Theoretical studies in statistical mechanics with application to rotation phenomena Final report	1968
19680094071	Qualification test of 100 ceramic silicon transistors, AIL part no. 361779-1 supplied by National Semiconductor Corp., NSC type NS6197	1968
19680094082	Lot sampling test report on resistor, fixed, carbon film, hermetically sealed, 1/4 watt style 65	1968
19680094084	Evaluation tests on switch, thermostatic, type 32411-2 mod. 3	1968
19680094085	Stress concentrations in an axially loaded lug pair	1968
19680094092	Reliability verification test procedure for BUWEPS part number 2360606, transistor, high speed switching	1968
19680094095	Circuit breaker calibration drift test	1968
19680094105	Propulsive re-entry aerodynamics /rocket plume in counterflow/ Quarterly letter report, Jun. - Aug. 1968	1968
19680094106	Reinforced oxide throat insert development Monthly progress report, 1-31 Aug. 1968	1968
19680094107	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Aug. - 19 Sep. 1968	1968
19680094108	Development and qualification of the MSFC collar swage connector Technical progress report for Aug. 1968	1968
19680094109	Thermodynamic improvements in LH2 turbopumps Monthly progress report, period ending 16 Sep. 1968	1968
19680094110	Environment around protuberances submerged in a boundary layer Quarterly progress report, Nov. 1967 - Jan. 1968	1968
19680094111	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids Monthly letter report for Aug. 1968	1968
19680094112	Semi-annual review of research and development, July 1, 1967 to December 31, 1967	1968
19680094113	Apollo/Saturn 1B launch complex assessment report Apollo 7	1968
19680094115	Engineering evaluation test procedure for BUWEPS part number 2760018-1, transformer, power	1968
19680094120	Propulsion technology Monthly survey no. 3	1968
19680094130	Buckling of circular cylindrical shells in axial compression Semiannual report, 1 Jan. - 31 Jul. 1968	1968
19680094133	Determination of the depth of focus of an X-ray telescope in the visible spectrum	1968
19680094134	Equipment manufacturing log IMP-G solar panel	1968
19680094136	Emergency preparedness plan annex J emergency medical operations	1968
19680094137	ASEE-NASA summer research institute 1968 Final report	1968
19680094138	Development of molybdenum gravity gradient rods Final report, 12 Jan. 1967 - 8 May 1968	1968
19680094139	Reliability verification for BUWEPS part no. 2360616, reactor	1968
19680094141	Qualification testing of a differential amplifier for the HPI radar Final report	1968
19680094142	Qualification testing of a Zener diode for the wooden round missile	1968
19680094143	Evaluation tests on connector, electrical, printed circuit, mfrs. type PC4DD22-8-CG1	1968
19680094145	Apollo/Saturn consolidated instrumentation plan for AS-205 /Apollo 7/	1968
19680094146	Study-correlation of aerodynamic parameters with compressor erosion Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680094147	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19680094151	Design of an improved servo amplifier Final report, 24 Mar. 1967 - 1 Apr. 1968	1968
19680094161	Qualification testing of a Zener diode for use in the wooden round missile Final report	1968
19680094164	The effect of rectifiers upon the operation of alternators and transformers	1968
19680094167	Synthesis of a multifunctional tactical landing system	1968
19680094170	Re-Entry Physics Research Program in Turbulent Wakes, Semi-Annual Report 1 Jan. - 30 Jun. 1968	1968
19680094171	An investigation into some problems associated with the use of the Decca "hi-fix" navigation system in the Canadian Arctic	1968
19680094173	Lot sampling test report on resistor, fixed, carbon film, hermetically sealed, 1/8 watt, style 60	1968
19680094177	Coatings for advanced thrust chambers Monthly report	1968
19680094179	Applications technology satellite Quarterly progress report, 1 Jun. - 31 Aug. 1968	1968
19680094181	Cosmochemistry and nuclear chemistry research Progress report, 1967-1968	1968
19680094184	An advanced thermoelectric life test and evaluation study Interim report, 28 Dec. 1967 - 7 May 1968	1968
19680094190	Investigation of the longitudinal vibration of liquid-fueled launch vehicles Semiannual progress report, 16 Mar. - 15 Sep. 1968	1968
19680094191	Theoretical and laboratory investigations in radio astronomy Status report, 1 Apr. - 30 Sep. 1968	1968
19680094196	Investigations into the mechanism and rates of atmospheric mixing in the lower thermosphere Semiannual status report	1968
19680094200	Quarterly bulletin of the Division of Mechanical Engineering and the National Aeronautical establishment, 1 April to 30 June 1968	1968
19680094206	The reduction of AEDC four percent Saturn 5 inflight acoustic test data Final report, 28 Jun. 1967 - 28 Jun. 1968	1968
19680094207	Experimental and theoretical investigation of plasma radiation Semiannual status report, Mar. - Aug. 1968	1968
19680094209	Triggered gap switch, research and development Interim final report	1968
19680094214	Batteries for space power systems	1968
19680094215	Offset tracker breadboard Final report	1968
19680094222	Experimental formulation of liquid "B" compounds /U/ Monthly progress report, 1-31 Jan. 1968	1968
19680094223	Feasibility evaluation of toroidal combustion chamber /U/ Informal quarterly report, 1 Jan.- 31 Mar. 1968	1968
19680094225	Study and development of a fluid controlled solid rocket motor for space application /U/ Monthly status report, 1-31 May 1968	1968
19680094226	Second generation night vision binocular study /U/ Final technical summary report, 1 Aug. 1967 - 1 Feb. 1968	1968
19680094228	Engineering research program in noncommunication naval electronics techniques /U/ Quarterly status report, 1 Mar. - 31 May 1968	1968
19680094256	An investigation of diffraction by planetary atmospheres Semiannual status report, 1 Apr. - 30 Sep. 1968	1968
19680094257	Research in time and fuel optimal control systems	1968
19680094259	Numerical examples to the rigorous theory of the figure of the earth	1968
19680094263	Anhydrous ion-exchange studies of alkali metal ions in ethylenediamine	1968
19680094267	Lunar and Solar System Research Semiannual Status Report, 1 Nov. 1967 - 30 Apr. 1968	1968
19680094270	SNAP-23A program, phase 1. Thermoelectrical converter development Monthly report for Jan. 1968	1968
19680094280	System safety-accident/incident summary	1968
19680094281	Properties of multilayer filters Interim report, 1 Mar. - 31 Aug. 1968	1968
19680094284	GEOS B intermediate arc calibration Quarterly report, 29 Mar. - 29 Jun. 1968	1968
19680094287	An experimental study of the cryoentrainment pump Progress report	1968
19680094288	Study of the effects of space vehicle vibrations on chromosomes and other cellular structures Quarterly status report, 1 Jun. - 31 Aug. 1968	1968
19680094289	Studies of the magnetosphere Semiannual status report, 1 Jun. - 31 Aug. 1968	1968
19680094291	An analytic gravity approximation for the iterative guidance mode	1968
19680094292	Investigation of energy levels in foil excited atomic beams Semiannual status report, 1 Feb. - 31 Jul. 1968	1968
19680094293	Nonlinear effects on sonic boom intensity Semiannual report 15 Feb. - 15 Aug. 1968	1968
19680094294	Space systems analysis and computer programming services Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19680094295	WEFAX scan mode device Final report	1968
19680094297	A continuation of the solar research program at the McMath-Hulbert Observatory Biannual report, Apr. 1 - Sep. 30, 1968	1968
19680094301	Infrared interferometer spectrometer /Iris/ instrument for Nimbus D spacecraft Quarterly report, 15 Jun. - 15 Sep. 1968	1968
19680094302	ASE OSE-4 X-ray pointed telescope and rotating X-ray wheel experiments Final report, Aug. 1963 - Jan. 1968	1968
19680094303	IAS-A/IRLS/OPLC compatibility study Final report	1968
19680094304	LH sub 2 storability in space propulsion vehicles. Lockheed demonstration program	1968
19680094306	Two-inch return beam vidicon evaluation program Final report	1968
19680094307	Applications technology satellite gravity gradient stabilization system Quarterly progress report, 1 May - 31 Jul. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680094320	Feasibility evaluation of toroidal combustion chamber /U/ Quarterly report, 31 Mar. - 30 Jun. 1968	1968
19680094323	Particle dynamics in plug and reverse flow nozzles /U/ Quarterly technical progress report, 1 Aug. - 1 Nov. 1966	1968
19680094324	Image dissections /U/ Monthly technical progress report, 1-29 Feb. 1968	1968
19680094325	Image dissections /U/ Monthly technical progress report, 1-31 Jan. 1968	1968
19680094337	Chamber technology for space storable propellants /U/ Monthly progress report for period ending 26 Aug. 1968	1968
19680094340	Orbiting Geophysical Observatory missions 4 and 5 /OGO-D and ogo-e/ - Experiment mechanical integration and launch support final project report	1968
19680094341	Operations research in public health decision making - A case study	1968
19680094343	Hydrogen-fluorine engine evaluation /U/ Monthly status report	1968
19680094378	Feasibility evaluation of toroidal combustion chamber /U/ Informal monthly progress report, 30 Jun. - 31 Jul. 1968	1968
19680094388	Research relevant to frequency sharing communications satellites systems Progress report, 1 Jul. 1967 - 30 Jun. 1968	1968
19680094390	Development of a system for biaxial prestressing brittle material Quarterly report, Mar. - 31 may, 1968	1968
19680094392	Testing of triggered gap switches	1968
19680094394	A study of surface effects in gauges for ultrahigh vacuum pressure measurement Progress report, 1 Mar. - 31 Aug., 1968	1968
19680094396	Stress-corrosion cracking of titanium alloys Quarterly progress report, Jul. - Sep. 1968	1968
19680094397	Analysis of large deformation of shells Progress report, 1 Feb. - 31 Aug. 1968	1968
19680094404	Studies of interface damping Quarterly report, 14 Jun. - 14 Sep. 1968	1968
19680094405	Unsupported thin film beamsplitter, phase 1 Final technical report	1968
19680094408	An outline of the procedure for the concentration and purification of plasma or whole blood extracts prior to their bioassay for antidiuretic hormone content in the rat	1968
19680094410	The effect of changing gravity and weightlessness on vasopressin control systems Progress report, 16 Feb. - 14 Aug. 1968	1968
19680094419	Transistor - Silicon, n-p-n, power, Darlington	1968
19680094420	Capacitor, fixed, ceramic dielectric	1968
19680094424	Component evaluation on coil, inductance, fixed, 30-300 MHZ, 1/4 watt, air, encapsulated	1968
19680094429	Report of tests on silicon voltage regulators	1968
19680094430	Distortion control qualification of 0.063 inch clad 2024-T62	1968
19680094432	Capacitor, fixed, plastic dielectric, polycarbonate film	1968
19680094433	Semiconductor device set - Diode, single-phase bridge	1968
19680094434	Evaluation report on filters, electrical, 0-3KHZ, equalizer, fixed	1968
19680094435	Fatigue prediction methods based on strain cycling	1968
19680094436	Evaluation report on filters, electrical, 0-3 KHZ, bandpass, fixed	1968
19680094438	Filter assembly Qualification test report	1968
19680094441	Qualification testing of a Zener diode for the wooden round missile Final report	1968
19680094442	Semiconductor device - Diode, tunnel	1968
19680094443	Qualification inspection report on power supply, 29 volts, converter, dc, 100-1000 watts	1968
19680094444	Qualification testing of a transistor for the wooden round missile Final report	1968
19680094445	Fixed film resistors, RN60E, jeffers electronics	1968
19680094447	Antelope reliability verification test procedure for BuWeeps part number 2360609, connector, electrical	1968
19680094451	Investigation of flame front propagation Quarterly report, Jul. - Sep. 1968	1968
19680094452	Laser Doppler flowmeter Quarterly progress report	1968
19680094453	Wind velocity measurements Interim engineering report, 18 Dec. 1967 - 18 Mar. 1968	1968
19680094454	Angular momentum desaturation for ATM/LM/CSM configuration using gravity gradient torques	1968
19680094455	Earth orbital high-energy stellar astronomy experiments	1968
19680094457	X-ray astronomy Semiannual status report, 1 Jan. - 30 Jun. 1968	1968
19680094463	Development of a rocket-borne cryogenic air sampler and its application to upper atmosphere aerosol and trace gas research. Quarterly status report, period ending 15 Sep. 1968	1968
19680094464	Report on Aerobee 4174 Progress report, 1 Jul. - 30 Sep. 1968	1968
19680094465	HPU starter switch, repeat qualification test, DAC SCN 1B32647-505	1968
19680094466	Compatibility of several polymeric materials with liquid anhydrous ammonia	1968
19680094477	Procedure turn completion distance	1968
19680094478	Combustion stability and performance characteristics at high combustion pressures Semiannual progress report	1968
19680094482	Space maneuvering systems	1968
19680094486	A study of selected radiation and propagation problems related to antennas and probes in magneto-ionic media Semiannual progress report, 1 Apr. - 1 Oct. 1968	1968
19680094487	Ground receiver systems /15.3GHz/ for the ATS millimeter wave propagation experiment Quarterly technical report	1968
19680094488	The modern public sector	1968
19680094489	LH2 chilldown system, shutoff valve, repeat qualification test, DAC SCN 1A49965-527	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19680094494	LH2 chilldown system shutoff valve, reliability verification test, DAC SCN 1A49965-527	1968
19680094499	Evaluation of Hoffman 2N886 SCR to S/A specification 192008P9	1968
19680094503	Failure analysis of electronic components	1968
19680094504	Disconnect assembly, gaseous hydrogen vent line, qualification test, DAC SCN 1A48848-509 and -511	1968
19680094505	Identifying the design, materials and assembly processes of the Texas Instruments, Inc., SNR5161B integrated circuit Final report	1968
19680094509	Evaluation for special amplifier differential	1968
19680094516	Evaluation of JAN-IN914 diode for movement of chip and contact	1968
19680094518	Temperature switch	1968
19680094519	Switch - Accelerometer ATP	1968
19680094520	Evaluation of titanium plated steel in a chloride environment Semiannual report	1968
19680094522	Qualification report for piezoelectric accelerometer per BuWeps DWG 2459384	1968
19680096518	Task complexity, electrodermal activity and reaction time.	1968
19690000935	Langley Research Center, Hampton, Virginia	1968
19690000947	Orbits and revolutions	1968
19690000972	Mariner spacecraft - Planetary trailblazers	1968
19690001042	Bibliography of Soviet publications on the investigation of the upper layers of the atmosphere and outer space	1968
19690001043	Environment and body stature	1968
19690001131	Flutter of a cylindrical shell of elliptical cross section	1968
19690001162	Radiative heat exchange between concentric spheres when the temperature and the emissivity are nonuniform	1968
19690001275	Brightness variations of satellites and the rotation period of Echo 1	1968
19690001310	The metallic phase of meteorite rock	1968
19690001315	The leading-edge principle with pulse transformers. reduction of the control resolution by a low noise level high speed preamplifier	1968
19690001360	The initial growth cycle of the Rana temporaria tadpole	1968
19690001470	New addition reactions of acrylonitrile and vinyl methyl ketone	1968
19690001471	Some results of thermal characteristics of turbulent boundary layers at high temperature	1968
19690001510	Soft lander. Part 8 - Mars soft lander capsule study /entry from orbit/ - Effect of new environments	1968
19690001525	Critical analysis of data channels with information feedback	1968
19690001533	On corpuscular heating of polar ionosphere	1968
19690001595	Advances in techniques of measurement of aerodynamic derivatives in wind tunnels by the forced oscillation method	1968
19690001650	Morphological and physiological investigations of fern prothallia	1968
19690001651	Investigations of oxytrimethylene-glycin	1968
19690002095	Shape and internal structure of moon, from lunar orbiter data Final report	1968
19690002205	The Milne problem in the theory of spectral line formations	1968
19690002279	The basic form of the arterial pulse. First tretise. Mathematical analysis	1968
19690002766	NASA Geological Test Site No. 126 Marquette- Republic Troughs, Michigan - Report on Photographic Imagery Obtained on Mission 72, May 1968	1968
19690002917	Preliminary investigation of a separated laminar boundary layer in a two-dimensional cavity	1968
19690003053	The Earth in the Universe	1968
19690003414	Stellar spectroscopy, 1.2 mu to 2.6 mu	1968
19690004337	A rapidly converging triangular plate element	1968
19690004692	Selection of an optimum means of realizing control algorithms for aircraft computers	1968
19690004693	Some mechanisms responsible for the reduction of orthostatic stability in experiments with simulated weightlessness	1968
19690004736	The movement of particles suspended in fluids at rest which is postulated by the molecular- kinetic theory of heat	1968
19690004738	Electrical field in an MGD-channel of a rectangular section with semiterminal electrodes	1968
19690004739	A new analysis of molecule dimensions	1968
19690004770	Some problems associated with the temperature sounding of the atmosphere	1968
19690004771	Experimental study of the electronic structure of semimetals and degenerate semiconductors	1968
19690004797	Influence of normal pressure on the natural- oscillation frequencies of nearly cylindrical shells	1968
19690004871	A transformation technique for optimal control problems with a state variable inequality constraint	1968
19690004874	The Nets of Regular and Semiregular Polyhedrons and Corresponding Correlative Nets	1968
19690004889	Certain problems of the energies of lithotropic organisms	1968
19690004891	Determination of the parameters of the self-oscillation process in a steam-generating conduit	1968
19690004897	On the problem of time equivalence of irradiation	1968
19690004909	Joining ceramics and graphite to other materials	1968
19690004916	Analysis of nuclear functions in the ontogenetic development of the frog. 4 - Modifications of the chromosome formula	1968
19690004930	Laminarization of the boundary layer on a wing profile by means of distributed suction	1968
19690004999	Rotating Stall in Axial Compressors	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690005007	The composition of the sesquichlorohydrate of hydrocyanic acid and its synthetic application	1968
19690005180	Design criteria for zero leakage connectors for launch vehicles. Tube connector with superfinished seal, volume 4 Final report	1968
19690005210	Investigations of autonomous movements of primary leaves of <i>Canavalia ensiformis</i> DC	1968
19690005212	Study of the fluctuations of a hydrogen plasma based on their correlation function. Dispersion relation	1968
19690005231	Friction in the preseparation region and heat transfer in the separation region of a turbulent boundary layer in heated air flowing through diffusers with cooled walls	1968
19690005246	Nature of the wind and temperature fields near the upper boundary of undulatus clouds	1968
19690005252	Action of formaldehyde on glycine and its metallic salts	1968
19690005253	Turbulent boundary layer in the presence of a pressure gradient during injection	1968
19690005254	Twin malformations arising in the course of centrifugation of fertilized egg-cells of <i>Rana temporaria</i> prior to segmentation	1968
19690005255	Most ancient manifestations of life on earth	1968
19690005260	Primary carbonaceous compounds and their conversion in nature	1968
19690005623	Technology utilization. USA - Trip report	1968
19690005632	Possible approximate methods of solving the problems of a turbulent boundary layer during the motion of a gas mixture	1968
19690005677	The influence of mechanical restraint and of burden on nyctitropic movements	1968
19690006015	The effect of environment on the growth of tadpoles	1968
19690006109	E-type photodemodulators for coherent light signals Final technical report	1968
19690006332	Example of the use of a computer in real time- Carrying out structural tests of the Concorde aircraft	1968
19690006337	Distribution of flow rate in a rectangular pipe, long side section arrangement in a crossed magnetic field	1968
19690006338	Calculation of a model of a porous body at high temperature	1968
19690006364	Composite mechanical simulation	1968
19690006558	An automatic control system of photomultiplier gain and of relative linear electronic coupling	1968
19690006565	Influence of the radial gap of the turbine buckets on the efficiency of multi-stage turbines	1968
19690006570	Thermal decomposition of lead carbonate pellets	1968
19690006731	Diaphragms for electrolysis - Parts 2 and 3	1968
19690007239	The book of Mars	1968
19690007557	Determination of thermodynamic properties of AeroZINE-50 Final report, appendix D	1968
19690007717	Design and development of an isolation system for the ST124-M3 inertial platform Final report	1968
19690007726	Mineralogical investigation of the Lance chondrite C 3. Comparison with other meteorites of the same group	1968
19690008134	Drag on flat plates oscillating in incompressible fluids at low Reynolds numbers	1968
19690008956	Annual procurement report, fiscal year 1968	1968
19690009363	An electrostatic analyzer for measuring the energy of ions and electrons from hot plasmas	1968
19690009608	Study of improved parts control technology for advanced planetary missions. Volume 1 - Summary	1968
19690009719	Lockseal study for 260-inch diameter large solid motor	1968
19690009982	Change in the unspecific reaction of the organism during adaptation to heat	1968
19690009983	Kinetic properties of air and other gases at high temperatures	1968
19690010286	Application of the gradient method to the numerical study of limited power transfers between near-coplanar circular orbits. Comparison with linearized solution	1968
19690010513	Remarks on frequency combiner and microelectronic clock	1968
19690010514	Remarks on NASA Satellite Tracking And Data Acquisition Network /STADAN/	1968
19690010527	Methods of high-speed measurements in gas dynamics and plasma physics	1968
19690010937	A description of the NASA-TCU space vision simulator	1968
19690011703	Relay program Final report	1968
19690011720	Criteria for separation of impinging streams of hypergolic propellants	1968
19690011751	JPL lunar ephemeris number 6	1968
19690011789	Application of structural analysis and matrix interpretive system	1968
19690011862	Gravity gradient effects on an attitude- controlled satellite	1968
19690011930	Determination of interplanetary trajectories	1968
19690013149	Human pilot and automatic systems	1968
19690014006	A problem in optimal search and stop	1968
19690014007	Static Decision Models for Queueing Systems with Nonlinear Waiting Costs	1968
19690014710	A 10.6-micron optical heterodyne communication system Final report, 1 Jun. 1967 - 15 Jun. 1968	1968
19690014721	Airborne multifrequency microwave radiometric sensing of an exposed volcanic province	1968
19690015980	Attitude stability and motions of a gravity- stabilized gyrostat-satellite in a circular orbit	1968
19690016048	Proceedings of the Spacecraft Electromagnetic Interference Workshop	1968
19690016261	Study of thermal conductivity requirements. Volume 2 - Multiple Docking Adapter /MDA/ thermal model	1968
19690016928	Sound intensity measurements on free jets from slotted nozzles with and without reflector shields	1968
19690017284	A determination of the helium and nitrogen content of the lower thermosphere /110 to 155 km/ above Ft. Churchill, Canada	1968
19690020195	Contribution to the study of the three- dimensional incompressible laminar boundary layer in the nonstationary regime	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690022499	Representation of information in neurons and sites for molecular participation	1968
19690022500	The neuronal membrane	1968
19690022501	Synaptic transmission	1968
19690022502	Fibrous proteins-neuronal organelles	1968
19690022614	Electrophotometric sections of the disk of Mars in portions of the spectral interval 355-600 nm	1968
19690023918	Acquisition and reduction of large volumes of fluctuating data	1968
19690024199	Determination of the sea surface slopes distribution and wind velocity using sun glitter viewed from a synchronous satellite	1968
19690024200	Investigation of clouds above snow surfaces utilizing radiation measurements obtained from the Nimbus 2 satellite	1968
19690024201	Variations of the earth's radiation budget	1968
19690024202	The reflection of sunlight to space and absorption by the earth and atmosphere over the United States during spring, 1962	1968
19690024203	Radiation analysis of a subtropical high	1968
19690024204	On the interpretation of long-wave radiation data from Explorer 7 satellite	1968
19690025471	A low energy, high resolution electron impact spectrometer	1968
19690026625	Research and advanced development. Volume 3 - Supporting research and technology for the Office of Tracking and Data Acquisition Semiannual review, 1 Jul. - 31 Dec. 1967	1968
19690026638	Mariner 4 handbook	1968
19690027111	Electromagnetic interference test report of the Mariner Venus 67 Canopus sensor	1968
19690027309	Research and advanced development. Volume 1 - Supporting research and technology for the Office of Space Sciences and Applications, National Aeronautics and Space Administration Semiannual review, 1 Jan. - 30 Jun. 1968	1968
19690027408	Manned Space Stations	1968
19690029375	Surveyor. Volume 1 - Summary Final engineering report	1968
19690029376	Surveyor. Volume 2 - System Design Final Engineering Report	1968
19690029377	Surveyor. Volume 3 - Test and operations Final engineering report	1968
19690029378	Surveyor. Volume 4 - Reliability, quality assurance, and bibliography Final engineering report	1968
19690029953	Space programs summary no. 37-54, volume 3 for the period 1 October to 30 November 1968. Supporting research and advanced development	1968
19690030285	Principal technical and economic characteristics of the hypersonic civil transport	1968
19690032936	Certain Uncorrelated Nonparametric Test Statistics	1968
19690032937	Simultaneous estimation by partial totals for compartmental models.	1968
19690033097	The biological effectiveness of solar electromagnetic radiation in space.	1968
19690033775	Testing a sterilizable liquid propulsion system.	1968
19690033783	Determination of the terminal sterilization cycle for a possible Mars capsule.	1968
19690035139	Significant Experiences of the NASA Plum Brook Reactor Facility.	1968
19690037953	Determination of terminal sterilization process parameters.	1968
19690065923	Optical satellite-tracking program Semiannual progress report, 1 Jan. - 30 Jun. 1968	1968
19690065924	Manned satellite projects ground communication reliability report for Project Mercury	1968
19690066073	Development of a limited memory filter system for precision attitude determination Semiannual progress report, period ending 30 Nov. 1968	1968
19690066143	Analysis of Coronal Line Profiles Quarterly Report, 15 Sep. - 15 Dec. 1968	1968
19690066178	Intermediate Energy Physics Semiannual Report, 1 Oct. 1967 - 31 Mar. 1968	1968
19690066186	Space Related Research in Selected Fields of Physics and Astronomy Semiannual Status Report, 1 Apr. - 30 Sep. 1968	1968
19690066215	Design and Fabrication of an Analog Voltage to Duty Cycle Generator Interim Progress Report	1968
19690066224	Application of Blade-Element Techniques to Design and Performance Prediction Problems for Axial-Flow Turbomachinery Progress Report, 1 Apr. - 30 Sep. 1968	1968
19690066225	The Pest Phenomenon in Intermetallics Final Report, Apr. 1965 - Aug. 1968	1968
19690066379	Interdisciplinary communications program Quarterly and annual report, period ending 30 Sep. 1968	1968
19690066490	Plasma physics abstracts Progress report, 1 Jan. - 31 Dec. 1968	1968
19690066491	Physiology of chimpanzees in orbit Progress report, 1 Jul. - 31 Sep. 1968	1968
19690066562	The government-oriented corporation	1968
19690066791	Position determination from simultaneous observations of artificial satellites - An optimization of parameters	1968
19690067094	Mars scientific model, volume 1	1968
19690067103	Electromagnetic investigations of planetary and solar atmospheres and the lunar surface program Semiannual report, 1 May - 31 Oct. 1968	1968
19690067137	Apollo visibility handbook	1968
19690067173	Operation of the New England Research Application Center /NERAC/ regional dissemination Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19690067174	NIMBUS-B, Thorad/Agema-9 Final flight report	1968
19690067206	Conduct selenodetic and physical studies of the lunar surface Semiannual reports, 1 Jan. - 31 Dec. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690067216	Fundamental studies of the metallurgical, electrical, and optical properties of gallium phosphide Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19690067225	A study of the fluctuating pressure field in regions of induced flow separation at supersonic speeds Progress report, 1 Jun. 1967 - 1 Nov. 1968	1968
19690067228	Multidisciplinary research in space sciences Project summary report	1968
19690067359	Saturn 5 launch vehicle flight dynamics analysis, AS-502 /revision B/	1968
19690067366	Entry thermal protection	1968
19690067377	Saturn 5 Launch Vehicle Emergency Detection System Analysis, SA-503	1968
19690067485	Synthesis of Elastomers for Use with Liquid Fluorine Quarterly Letter Report No. 6, Period Ending 15 Jun. 1968	1968
19690067492	Synthesis of elastomers for use with liquid fluorine Quarterly letter report no. 5	1968
19690067523	COPE - An assembler and on-line-CRT debugging system for the CDC 3100 Interim technical report, Mar. 1968	1968
19690067542	To establish and operate a planetary patrol program Status report no. 1, 1 Jul. - 31 Dec. 1968	1968
19690067543	Studies in planetology, including the collection and interpretation of planetary information Status report no. 11, 1 Jul. - 31 Dec. 1968	1968
19690067547	Research study for determination of liquid surface profile in a cryogenic tank during gas injection Quarterly progress report, 18 Jun. - 17 Sep. 1968	1968
19690067591	The MELP system - A spectrally selective film of high quantum efficiency Final report, 1 Oct. 1967 - 30 Sep. 1968	1968
19690067855	Application of aerospace-generated technology to water pollution problems Planning study	1968
19690068078	Theoretical and experimental research in planetary atmospheres Semiannual report, 1 Jul. - 31 Dec. 1968	1968
19690068160	Receiver techniques and detectors for use at millimeter and submillimeter wave lengths Final summary report, 1 Mar. 1960 - 30 Sep. 1968	1968
19690068168	Semiannual progress report, 1 July - 1 December 1968	1968
19690068182	Data analysis from ion mass spectrometer on the Explorer 31 satellite Quarterly technical progress report, Oct. - Dec. 1968	1968
19690068198	On the collaborative research in cardiovascular dynamics and bone elasticity Progress report, 1 Dec. 1968 - 10 Feb. 1969	1968
19690068240	Meteorite photography and recovery network Semiannual progress report, 1 Jul. - 31 Dec. 1968	1968
19690068353	A nonlinear Hille-Yosida-Phillips theorem	1968
19690070360	Meteorological Interpretation of Satellite Radiation Data Semiannual status report, 1 Apr. - 30 Sep. 1968	1968
19690070594	Optical Characteristics of Mesospheric Aerosol Distributions in Relation to Noctilucent Clouds	1968
19690070666	NASA Remote Sensing Project - Ground Monitoring of Overflights	1968
19690070667	NASA Remote Sensing Project - Sonora Pass Standards	1968
19690070724	Surface Roughness 1/10 to 100 Mm	1968
19690070739	Soil Study of Sonora Pass Test Site	1968
19690070863	Land Evaluation Studies with Remote Sensors in the Infrared and Radar Regions	1968
19690071210	Radar altimeter experiment for GEOS-C	1968
19690071211	Minimum Pressure Loss in High Velocity Flow Duct Systems Monthly Progress Report	1968
19690071243	Innovation in learning about decision making - The NASA Summer Institute	1968
19690071329	Multidisciplinary research grant Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19690071330	Propagation laws of fatigue cracks	1968
19690071331	Deuterium isotope effects on the vapor pressure of acetylene	1968
19690072371	History of the George C. Marshall Space Flight Center, 1 Jan. - 31 Dec. 1965, volume 1	1968
19690072496	Measurement of lubricant film thickness in Hertzian contacts Supplement report of task order no. 5	1968
19690073000	Apollo/Saturn 5 space vehicle selected structural element review report, AS-503	1968
19690073038	Saturn 5 launch vehicle flight dynamics analysis, AS-503	1968
19690074595	Genetic implications of lunar regolith thickness variations	1968
19690074596	Liapunov Functions for Autonomous Systems of Second Order	1968
19690074600	Quantum theory of an electron gas with anomalous magnetic moments in intense magnetic fields	1968
19690074602	Effect of Norepinephrine and Uncoupling Agents on Brown Adipose Tissue	1968
19690075813	Study of abiogenic reaction mechanisms by cyclotron resonance spectroscopy Progress report	1968
19690076208	Space Science Center Annual progress report, 1 Jul. - 31 Dec. 1968	1968
19690076214	LM-6 BPA test and checkout requirements document	1968
19690076226	Multidisciplinary research in space-related science and technology Semiannual report	1968
19690076252	KSC SNAP-27 radiological control plan	1968
19690076500	Thermal conductivity of aerospace alloys at cryogenic temperatures	1968
19690076502	Hydromagnetic waves - Theory and applications	1968
19690076508	Low temperature viscosity and density of methanol-water mixtures Final report	1968
19690076520	Detailed Analysis of the Star phi Aurigae	1968
19690076640	A Photochemical Reaction Involving Upper Excited States	1968
19690076642	Photochemical reactions of carbonyl compounds in solution. Part 2 - Paterno-Buechi reaction and energy transfer	1968
19690076660	Investigation of parameters affecting the performance of a drag turbine	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690076661	Ionic flow through porous membranes	1968
19690076662	Some problems in atomic and molecular theory	1968
19690076663	The displacement function approach to cylindrical elasticity problems	1968
19690076664	On the stochastic fuel-regulator problem	1968
19690076665	High resolution solar photography Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690076666	Synthesis of time-optimal control for second- order nonlinear systems	1968
19690076667	Axisymmetrical vibration of a thick viscoelastic hollow cylindrical core bonded to a thin elastic casing	1968
19690076668	Large-scale configuration of the coronal and interplanetary magnetic field	1968
19690076669	Research on gravitational waves and other problems in general relativity Final report, 1 Jan. 1966 - 30 Apr. 1968	1968
19690076671	An investigation of the influence of cyclic prestressing on fatigue of metals Progress report for the period ending 30 Oct. 1968	1968
19690076672	Chemistry of solid propellant combustion Technical status report, 1 Jan. - 30 Jun. 1968	1968
19690076673	Study of a differential receiver for Sunblazer operating on dispersed shifted signals	1968
19690076674	The numerical solution of high velocity fluid transients in nuclear rocket startup	1968
19690076675	Guidance system operations plan for manned CM earth orbital and lunar missions using Program COLOSSUS. Section 6 - Control data	1968
19690076676	Nonreciprocal semiconductor millimeter wave devices Semiannual report, 1 Mar. - 31 Aug. 1968	1968
19690076680	Guidance system operations plan for manned LM earth orbital missions using Program SUNDANCE. Section 6 - Control data	1968
19690076681	Dynamic magnetostrictive properties of a nickel/cobalt alloy	1968
19690076682	Variable laser-acoustic delay line Final progress report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690076683	The effects of point defects and dislocations on the stress-corrosion susceptibility of aluminum alloys Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690076684	Measurements of temporal correlations in the electromagnetic field radiated by a laser in the threshold region of oscillation	1968
19690076686	A mechanical model for fatigue crack propagation Interim technical report	1968
19690076687	An experimental study of the scattering of laser light from carbon dioxide near the liquid-gas transition point	1968
19690076688	New fluorine-containing elastomers for space-propulsion applications Final technical report, 13 Jul. 1967 - 31 Jul. 1968	1968
19690076689	Development and characterization of high temperature coatings for tantalum alloys Interim progress report, 1 Jan. - 15 Mar. 1968	1968
19690076690	Studies and experimental work on atomic collision processes occurring in atmospheric gases, 20 February 1967 - 21 February 1968	1968
19690076691	Push-pull converter as power source for photometric instruments	1968
19690076692	Miniature microwave parametric amplifier Final report, 1 Jun. 1967 - 31 Mar. 1968	1968
19690076694	Apollo 7 GN and C preflight performance review	1968
19690076695	Measurement of the yawing moment and product of inertia of an aircraft by the single point suspension method - Theory and rig design	1968
19690076698	Signal-to-noise ratio and instrumental broadening of the Doppler shifted signal in velocity measurement Informal status progress report for period ending 30 Jun. 1968	1968
19690076702	Use of Elliott 503 computer in reduction of pressure error measurements obtained by the pacer method	1968
19690076705	Black-and-white to color duplication and viewing system Final report, Jun. 1967 - Jun. 1968	1968
19690076707	Supersonic unsteady aerodynamics for wings with trailing edge control surfaces and folded tips Final report	1968
19690076709	Some full scale measurements of the drag and spray effects of slush and water on three aircraft during take-off	1968
19690076710	Detailed design for the LM RCS consumables program	1968
19690076711	One dimensional acoustic wave propagation in a plasma fluid in the near field of an electrical disturbance	1968
19690076712	Transient and steady state thermal self-focusing and self-trapping	1968
19690076713	Thermionic diode system study	1968
19690076714	Measurement of incidental amplitude modulation	1968
19690076715	Application of the discrete element method to the buckling analysis of rectangular plates under arbitrary membrane loading	1968
19690076716	LM-5 telemetry system performance bit transition density report	1968
19690076718	Flow surveys of a jet impinging normally onto a plane surface	1968
19690076719	Lagrange's equations for a wheelset and rails with circular profiles	1968
19690076720	AS-205/101 guidance navigation and control system flight test analysis plan	1968
19690076721	Statistical analysis for trajectory simulation of Saturn 5 vehicles Final report	1968
19690076722	A statistical method for assessing the sector reserve fuel for Concorde. Report of the working party on supersonic transport fuel reserves	1968
19690076723	Forward ejection from swept and unswept leading edges	1968
19690076724	Research on bearing lubricants for use in high vacuum Annual summary report, 23 Apr. 1967 - 22 Jul. 1968	1968
19690076726	Difficulties with the simulation of aircraft landings	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690076727	Silicon power transistor /type 2N657A/ - Safe operating area determination for prevention of second breakdown	1968
19690076731	Communications coverage analysis performed under task E-78A for the Apollo D and E missions Bimonthly technical report, volume 1, no. 2	1968
19690076732	Lunar surface propagation and LM/CM/PLSS VHF ranging system Bimonthly technical report	1968
19690076733	Studies of traffic packing for estimating mid-air collision risks over the North Atlantic	1968
19690076734	Apollo lunar descent and ascent activity planning report	1968
19690076735	User's manual load matrix computer program TRW program no. HE007A, Project Apollo	1968
19690076737	Research investigation of the decomposition of composite solid propellants Annual report, 5 Jul. 1967 - 4 Jul. 1968	1968
19690076738	Oxidizer stabilization Final report	1968
19690076739	Measurement of forces and moments from a thrust vector controlled rocket by means of a five component test stand Final report, Dec. 1967 - Sep. 1968	1968
19690076741	Flight calibration of the instrument landing systems at R.A.E. Bedford	1968
19690076742	Boron filament reinforced solid rocket nozzle Final report	1968
19690076744	Acceptance test of Gulton Industries, Inc. 6.0 ampere-hour adhydrode nickel-cadmium cells	1968
19690076745	Study, design, fabrication and testing of Mossbauer vibration calibration systems Final report, 1 Mar. 1967 - 30 Apr. 1968	1968
19690076748	Computer codes for geomagnetic field line tracing and conjugate intersect calculations	1968
19690076749	Classes of semidefinite Peano-kernels	1968
19690076750	Determination of the Buffet Limits of Airfoils in the Transonic Velocity Range	1968
19690076752	The PIPA /Pulsed Integrating Pendulous Accelerometer/	1968
19690076753	Quantitative structural design criteria by statistical methods. Volume 2. The philosophy and implementation of the new procedure Final report, Feb. - Nov. 1967	1968
19690076754	Evaluation of Ni-Fe and Ni-Zn batteries Semiannual report, 1 Nov. 1967 - 30 Apr. 1968	1968
19690076755	High vacuum bakeout and sealing system for quartz resonators Final report, Jul. 1967 - Apr. 1968	1968
19690076756	Optimization techniques for in-air thermoplastic recording of charactron displays Final report, 9 Feb. 1967 - 9 Apr. 1968	1968
19690076757	Research and exploratory development Quarterly report, Jul. - Sep. 1968	1968
19690076758	Analysis and synthesis of advanced self-organizing control systems, 2 Final technical report, 1 May 1967 - 30 Apr. 1968	1968
19690076759	Gallium arsenide doping for microwave application Final report, 1 May 1966 - 1 Oct. 1967	1968
19690076760	Investigation of heat removal from both sides of a transistor chip embodying bump technology Final report, May 1967 - Jun. 1968	1968
19690076761	Beryllium wire - Metal matrix composites program Final report, 1 Jul. 1967 - 31 Jul. 1968	1968
19690076762	Cost effectiveness methodology. Part 1 - Guidelines for system life-cycle costing Final report	1968
19690076763	Crater and ejecta data from the detonation of a 100 ton spherical charge on TNT tangential to the surface /Distant Plain Shot 6/	1968
19690076765	Investigations relating to the brittleness of beryllium Semiannual report, 1 Feb. - 1 Aug. 1968	1968
19690076766	Cathodochromic projection CRT Quarterly progress report, 13 May - 12 Aug. 1968	1968
19690076767	The role of the turbulent viscous sublayer in the formation of surface patterns	1968
19690076769	High power ferrite gas duplexer Quarterly progress report, 11 May - 10 Aug. 1968	1968
19690076770	The properties of uranium alloys containing tungsten and tantalum	1968
19690076771	Compatibility of materials with liquid oxygen, 4	1968
19690076773	Biometric research on the synaptic organization of the human retina	1968
19690076774	Flight report for Delta vehicle S/N 20215, Delta program mission no. 57, spacecraft - RAE-A	1968
19690076775	The effects of irradiating human skin with fast electrons	1968
19690076776	Problems of subsidiary responsibility in association policy	1968
19690076777	The dependence of magnetic ripple, width of domain, and of dispersion in the easy direction on the layer parameters of uniaxial thin permalloy films	1968
19690076778	Some aspects of the influence of saline solutions on the development of Amblystoma eggs	1968
19690076780	Wave structure of magnetic ripples in thin Permalloy film	1968
19690076782	Flammability of Materials in 6.2 Psia Oxygen, 1	1968
19690076783	Propellant tank environmental analysis and demonstration testing Final report	1968
19690076784	Test report for pressure regulator Fisher Governor Company series Y600-4	1968
19690076785	Total energy distribution measurements of field emitted electrons Progress report, 14 May - 14 Aug. 1968	1968
19690076787	Comments on the preceding article by Helmut Meyer - Remarks on the work "Bacillus circulans from Zechstein salts"	1968
19690076788	Acceptance test of Gulton Industries, Inc. 20 ampere-hour adhydrode nickel-cadmium secondary spacecraft cells	1968
19690076789	The attenuation of radiant energy in hot seeded hydrogen. An experimental study related to the gaseous core nuclear rocket Semiannual status report, 1 Mar. - Sep. 1968	1968
19690076790	A study of storage technology for various launch vehicle systems Summary report	1968
19690076794	Studies of on-board lunar orbital navigation with unknown and known landmarks and some observations on non-linear effects	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690076795	A branch and exclude algorithm for the knapsack problem	1968
19690076796	Determination of ferromagnetic exchange constants from the magnetic fine structure of thin layers	1968
19690076798	Improved fabrication methods of jet engine rotors Interim engineering report, 1 Jul. - 30 Sep. 1968	1968
19690076799	Research on new types of antenna systems for the frequency range 2-1200 MHz Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690076800	Investigation of fast wave beam/plasma interactions Quarterly report, 1 Mar. - 31 May 1968	1968
19690076801	Passivation of metal aircraft surfaces Final report, 1 Jun. 1967 - 30 Jun. 1968	1968
19690076802	LM1500 engine marinization, phase 1 Final summary report	1968
19690076803	Development of improved cutting tool materials Interim engineering progress report, 16 Dec. 1967 - 15 Mar. 1968	1968
19690076804	Lubricity properties of high temperature jet fuels Final report, 15 May 1967 - 15 May 1968	1968
19690076805	On the progress of inducing crack growth in cylindrical pressure vessels, 2 Final report	1968
19690076806	Frequency selective limiter using nuclear magnetic resonance	1968
19690076807	Control of thin film interface barriers Interim technical report, 1 Mar. - 1 Sep. 1968	1968
19690076808	A method for controlling the frequency temperature characteristics of quartz resonators, Soviet patent no. 187092	1968
19690076809	Development of faceplates for sealed image converters	1968
19690076810	Query display console system test and evaluation report /QDC/	1968
19690076811	Application of nitrogen metabolism in autotrophic bacteria to chemosynthetic bioregeneration in space missions Semiannual report, 1 Apr. - 1 Oct. 1968	1968
19690076812	S-2-2 flight Final test report	1968
19690076813	Structural plastics applications handbook Technical report, 1 Jul. 1966 - 30 Sep. 1967	1968
19690076814	Evaluation of nap-of-the-earth flight with the L-286 helicopter over various types of terrain	1968
19690076816	Computer techniques for implementing linear control system design using algebraic methods	1968
19690076817	Infrared modulation techniques Final report, 5 Feb. 1967 - 5 May 1968	1968
19690076818	Estimation of Freon 113 and water vapor transmission through microporous materials from limited data	1968
19690076819	A survey of methods for estimating the damping-in-pitch parameter	1968
19690076820	Infrared for electronics equipment diagnosis Final technical report, 15 May 1967 - 15 May 1968	1968
19690076821	Human adaptation to high altitude. A biological case study of a Quechua population native to the high Andean region with special reference to hypoxia and cold, volume 1 Final progress report	1968
19690076822	Laser spectral control techniques Final engineering report, 17 Feb. 1967 - 17 Feb. 1968	1968
19690076823	Electrical-to-fluid transducer study Final report, 1 Jul. - 31 Dec. 1967	1968
19690076824	Area spectral scanning modulation studies Quarterly progress report, Apr. - Jun. 1968	1968
19690076825	Laminar incompressible flow in the entrance region of a square duct	1968
19690076826	Space programs Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19690076827	The Electric Simulator Program /ESP/	1968
19690076828	Analytical landing gear-soils interaction, phase 1 Final report, 15 May 1967 - 15 May 1968	1968
19690076829	Turboprop control parameter study Final report	1968
19690076830	Titanium panel extrusion development program Interim engineering progress report, 15 May - 15 Aug. 1968	1968
19690076831	Sound propagation in small-bore tubes	1968
19690076832	Sound propagation in liquid-filled small-bore tubes	1968
19690076833	Manufacturing methods and process controls for low cost resonant gate transistors Interim engineering progress report no. 6, 1 Apr. - 30 Jun. 1968	1968
19690076834	Diffusional prestressing of ceramics Summary report, 1 Apr. 1967 - 31 Mar. 1968	1968
19690076835	An approximate method of analysis of nonlinear transient thermoviscoelastic behavior	1968
19690076836	Supersonic flow past a finite cone with large surface injection or ablation	1968
19690076837	On-line computer systems, volume 2	1968
19690076838	Analytical and empirical investigation of the drag area of deployment bags, cargo platforms and containers, and parachutists Final report, Aug. 1966 - 31 Jul. 1967	1968
19690076839	On-line interactive graphic systems	1968
19690076840	Satellite navigation as an aid to ocean surveying	1968
19690076841	Bearing angle errors in interferometer antenna systems used for short range vertical angle measurements	1968
19690076842	Research on dissemination processes Annual report, 5 Jul. 1967 - 4 Jul. 1968	1968
19690076843	Radar binary integration	1968
19690076844	Thin-layer chromatography - Method applicable to the separation and identification of complex organic compounds present in double-base propellants	1968
19690076846	Research and development on a non-scanning microwave spectrum analyzer Quarterly report, 1 Jun. - 31 Aug. 1968	1968
19690076847	Finite-element stress analysis of anisotropic bodies	1968
19690076848	Honest John missile no. 4444, round no. 576 RGL Meteorological data report	1968
19690076849	Vertical flight performance criteria Final report	1968
19690076850	A study of effective means of body-temperature controls using ventilated clothing Final report, 15 Aug. 1966 - 15 Feb. 1968	1968
19690076851	A note on the thermoelastic problem for a penny-shaped crack	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690076852	High precision 5 MHz quartz resonators for temperature control between 20 deg and 30 deg	1968
19690076853	Optimum airfoils at moderate supersonic speeds. Part 7 - Base drag effects on the maximum lift-to-drag ratio for given enclosed area	1968
19690076854	Engineering data on newly developed structural materials Final summary report, 15 Apr. 1967 - 30 Apr. 1968	1968
19690076855	Comparison of measured natural frequencies of the one-eighth scale AG/EH/ flutter model with calculated full scale frequencies	1968
19690076856	Cost effectiveness methodology. Part 3 - Application of Weiss statistical decision theory to cost effectiveness decisions Final report	1968
19690076857	Manufacturing process for improved high strength superalloy sheet Interim engineering progress report, 1 Jun. - 31 Aug. 1968	1968
19690076858	Design criteria for the prediction and prevention of panel flutter. Volume 2 - Background and review of state of the art Final report, Aug. 1966 - Nov. 1967	1968
19690076859	High strength steels - Review of recent developments	1968
19690076860	Mobility spectrograms of natural atmospheric ions for the region of small and medium-sized ions	1968
19690076862	Red lamp high altitude vehicle launching report - Four vehicles launched 2-13 May 1968 Interim report	1968
19690076863	Chemical and microstructural characterization of photoconducting lead sulfide films Final technical report, 1 May 1967 - 1 May 1968	1968
19690076864	Memory system for microcircuits Final report, 1 May 1966 - 15 Dec. 1967	1968
19690076865	Transverse properties of fibrous composites	1968
19690076868	Estimating annual operating costs of Air Force aircraft systems in test environments Final technical report	1968
19690076869	Investigation of coupling agents for use in the reinforced grain concept	1968
19690076870	Correlation of spray injector parameters with rocket engine performance Final technical report, 15 Apr. 1967 - 15 May 1968	1968
19690076871	The design of a Morse-to-teletype signal converter using integrated micrologic circuitry	1968
19690076872	Composite materials for turbine compressors. Test specifications manual Technical report, 1 Dec. 1967 - 29 Feb. 1968	1968
19690076873	Development of a manufacturing process for producing optically transparent armor Interim engineering progress report, 15 Apr. - 15 Jul. 1968	1968
19690076874	High efficiency octave bandwidth traveling-wave tube Interim report, 1 Jan. - 31 Mar. 1968	1968
19690076875	Multidisciplinary space related research program Semiannual report, 1 Dec. 1967 - 31 May 1968	1968
19690076876	Properties of pyridinyl free radicals Final report, Jun. 1964 - Aug. 1968	1968
19690076878	Technical evaluation of a frequency controlled central drive system CP/N 65058-000 Final report	1968
19690076879	Research study and the development of a three-phase arc heater Final report, Mar. 1963 - Dec. 1967	1968
19690076881	Blast response of panels	1968
19690076882	Development of high temperature resistant materials for use in Naval ordnance Summary report, 4 Oct. 1967 - 4 Jul. 1968	1968
19690076883	Decomposition kinetics. 1. Weight-loss reaction theory Technical report, May 1965 - Sep. 1966	1968
19690076884	Formatted file system 360 /NIPS 360 FFS/. Volume 2. File structuring FS, user's manual	1968
19690076885	A DDC bibliography on Liapunov equations, volume 2	1968
19690076886	Digital data sampling modules Quarterly progress report, 27 Jun. - 30 Sep. 1968	1968
19690076887	Critical temperatures of superconducting mixtures, anthraquinone	1968
19690076888	Production engineering measure for type CR-/XM-57//J crystal units Quarterly report, Jan. - Mar. 1968	1968
19690076889	Development of an Airborne Formation Flight Programmer /AFFPRO/ Final report, 1 Jul. 1967 - 31 Jan. 1968	1968
19690076890	Film annotation study Final report	1968
19690076891	Performance characteristics of communication systems employing new synchronous /DCSP/ satellites	1968
19690076892	Feasibility of glass-filament-wound plastics for Army rocket motor cases. Effect of extended high temperature-high humidity environment on the hydroburst strength of pressure vessels Progress report	1968
19690076893	Evaluation of integrated engineer equipment systems	1968
19690076894	Solar eclipse observational site selection study	1968
19690076895	Short interaction crossed-field amplifier Final report, 1 Jun. 1966 - 31 May 1968	1968
19690076896	Thermionic power module Final technical report, 1 Jul. 1965 - 15 Nov. 1967	1968
19690076897	Vaporization of aluminum phosphide Technical report, 1 May 1966 - 30 Apr. 1967	1968
19690076898	XC-142A limited category 2 stability and control tests Final report	1968
19690076899	Atmospheric absorption of carbon dioxide laser radiation near ten microns	1968
19690076900	Design, fabrication, testing and evaluation of damage tolerant beryllium structures Final report, Jan. 1967 - Jul. 1968	1968
19690076901	Thermodynamic properties of selected light-element and some related compounds Summary technical report	1968
19690076902	Production engineering measure on 1-watt, 2-gigahertz silicon transistor Quarterly progress report, 26 Apr. - 26 Jul. 1968	1968
19690076903	Nike-Apache DRS NASA 14.301 UA /20 August 1968/ Meteorological data report	1968
19690076904	A high power microwave diode phase shifter Quarterly progress report, 16 Dec. 1967 - 15 Mar. 1968	1968
19690076907	Biological effects of laser radiation Progress report, 1 Oct. 1967 - 30 Sep. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690076908	Swirlmeter application to naval flow measurements	1968
19690076909	Electromagnetic compatiblity operational system /EMCOPS/. Task 3A. Operations research	1968
19690076910	High density, high temperature binders for solid propellants /U/ Quarterly progress report, 1 Feb. - 30 Apr. 1968	1968
19690076917	Improvement of interlaminar shear strength of plastic composites by vapor deposition of gradated polymeric coatings on filamentary reinforcements Quarterly technical progress report, 15 Mar. - 15 Jun. 1968	1968
19690076918	Foam optimization for raft development Final report	1968
19690076919	Elasto-plastic wave interaction in impact Final report, Jun. 1967 - Sep. 1968	1968
19690076920	Bibliography of bibliographies in the DDC collection, volume 4	1968
19690076921	Thermal test of a model space vehicle. Part 2 - Experimental results and comparison with analysis	1968
19690076922	Habrobracon experiment P-1079 Quarterly progress report, 1 Jul. - 30 Sep. 1967	1968
19690076923	Habrobracon experiment P-1079 Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19690076924	Neurospora experiment P-1037 Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19690076925	RL10 rocket engine Monthly technical report, 1 Apr. - 1 May 1968	1968
19690076926	RL10 rocket engine Monthly technical report, 1 May - 1 Jun. 1968	1968
19690076928	Analysis of wire antennas of arbitrary configuration by precise theoretical numerical techniques Final report	1968
19690076929	Principles of absolute differential geometry of the earth's potential field	1968
19690076930	Astrogeodetic and gravimetric work during the construction of a laboratory for inertial systems	1968
19690076931	On the determination of the geoid from satellite observations	1968
19690076932	Correlation between solid propellant mechanical properties and explosion effects Progress report, 1-30 Sep. 1968	1968
19690076934	Extravehicular Engineering Activities /EVEA/ program requirements study - SRT/ART analysis Final report	1968
19690076937	Fundamental consideration of a nonlinear theory of initial susceptibility of uniaxial ferromagnetic layers	1968
19690076938	High power gas laser for CS/NV applications Final technical report, 25 May 1967 - 24 May 1968	1968
19690076939	Comparison of three signal processors used in detecting coded-pulse sonar transmission returns	1968
19690076940	The determination of geoid undulations from free-air anomalies	1968
19690076941	On a very general integral equation of gravimetry	1968
19690076942	Stresses in a pressurized cylindrical shell with two unequal diametrically opposite reinforced circular holes	1968
19690076943	Research and development of refractory oxidation resistant diborides Technical documentary report, Mar. 1966 - Sep. 1967	1968
19690076944	A reciprocal S-band high power p-i-n diode phase shifter Quarterly progress report, 10 Jan. - 9 Apr. 1968	1968
19690076945	Spectral radiance of model rocket exhaust plumes at high altitudes	1968
19690076947	Image intensifier with mosaic collector Final technical report, 15 Mar. 1967 - 15 Oct. 1968	1968
19690076948	Acoustic beacon survival in a satellite launch vehicle abort	1968
19690076949	Evaluation of EC1675 sprayable sealant recommended by Marine Corps Air Station, Cherry Point	1968
19690076950	Study of polymers for solid propellants Semiannual report, 18 Jun. 1967 - 18 Dec. 1967	1968
19690076952	Vertical situation display for VTOL simulator Final report, 1 Jul. 1966 - 14 Feb. 1968	1968
19690076953	Nike-Hydac STV SR-071 /12 August 1968/ Meteorological data report	1968
19690076955	Electrochemical systems heat and mass transfer Summary report, 6 Jun. 1967 - 5 Jun. 1968	1968
19690076956	Tandel - A new electronic component	1968
19690076958	Slow speed aircraft surveillance system. Volume 1 /U/ Final report	1968
19690076959	Radial flow injector development for metallized gelled fuels /U/ Interim final report, 15 Mar. 1967 - 15 Jan. 1968	1968
19690076960	Airborne evaluation of the eyeglass stabilized night observation device /U/ Final report, 21 Jun. - 30 Nov. 1967	1968
19690076961	Electronic scanning pencil beam antenna /U/ Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19690076962	Scale-up and demonstration firings of a low-signature NF propellant /U/	1968
19690076963	Aerothermodynamic control of the shrouded rocket cycle /U/ Final report, 1 Mar. 1967 - 15 Jan. 1968	1968
19690076964	Investigation of decomposition catalysts for 98 percent hydrogen peroxide /U/ Final report, Feb. - Dec. 1967	1968
19690076965	Active optical fuze system /U/ Interim report, Sep. 1967 - Mar. 1968	1968
19690076968	Application of fracture mechanics to adhesive joints Status report, Jun. 1961 - Mar. 1962	1968
19690076969	A numerical study of the collapse of a perturbation in an infinite density stratified fluid	1968
19690076971	High power molecular gas laser Final engineering report	1968
19690076972	Cavitation inception on foils, struts and pods	1968
19690076973	Satellite geophysics project Status report, Jan. - Mar. 1968	1968
19690076974	The log-amplitude mean value for laser beam propagation in the atmosphere, with applications for optical communications	1968
19690076975	Communication networks - Survey no. 1 of Soviet literature, volume 1	1968
19690076976	Product improvement of materiel Final report	1968
19690076978	The limited space charge accumulation mode in GaAs Interim technical report	1968
19690076979	CP-827, using test device	1968
19690076980	International symposium on MHD electrical power generation. Section 1-h - Shock waves	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690076981	Preproduction tests of eight type MS18045-41, 24-volt, 18 ampere-hour, lead-acid, aircraft batteries representing four paste mixing processes, manufactured by Teledyne, Inc., Gill Electric Division	1968
19690076982	NRL Mark 3 aircraft Omega receiver	1968
19690076983	High frequency antenna coupler Interim engineering report, 15 Apr. - 15 Jul. 1968	1968
19690076984	High frequency antenna coupler Interim engineering report, 15 Jan. - 15 Apr. 1968	1968
19690076985	A review of research on flash blindness	1968
19690076986	Spectrum utilization characteristics of PM telemetry transmitter Dorsett model TR-14B	1968
19690076987	DASA EMP /electromagnetic pulse/ handbook	1968
19690076988	Pulse generator /10-kv/ - Pulse test on AUTODIN filter demonstrates generator capability Final technical report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690076989	Damping capability of unconstrained viscoelastic material adhered to commonly used structural elements Final report	1968
19690076990	Marking techniques for adding variable alphanumeric titles to processed photographic film Final report, 23 Jun. 1967 - 12 Apr. 1968	1968
19690076991	Corrosion of ball valves in seawater service	1968
19690076992	System definition study for electronic attitude and vector miss-distance measurement system Final report	1968
19690076993	Deep submergence seawater battery Final technical progress report no. 11	1968
19690076994	Flight evaluation of engine exhaust smoke abatement change for J52-P-8A engine Interim report, 25-31 Jul. 1968	1968
19690076995	Forced and periodic vortex breakdown in a vortex valve	1968
19690076996	Visual subliminal stimulation Final report, Apr. 1967 - Jun. 1968	1968
19690076997	Focusing devices for searchlight beacons	1968
19690076998	Broadband millimeter-wave detection Technical report, Mar. 1966 - Dec. 1967	1968
19690076999	Weather control	1968
19690077000	Unsteady lift and hinge moment characteristics of the AG/EH/ main foil and strut assembly	1968
19690077001	Self taught communication systems Final report, 1 Apr. 1966 - 1 Jan. 1968	1968
19690077003	The effect of surface alloying on the creep behavior of titanium and aluminum alloys Final report, 15 Sep. 1967 - 14 Sep. 1968	1968
19690077004	Design modernization of ARTCC power distribution system Final report	1968
19690077005	Acceptance test of General Electric Company 6.0 ampere-hour auxiliary electrode nickel-cadmium cells	1968
19690077006	Increasing the load capacity of antifriction bearings	1968
19690077009	Evaluation of HF antenna coupler CU-1658/A Collins type 490T-1A	1968
19690077010	Fabrication of ultrathin solid electrolyte batteries Final report, 1 Apr. 1967 - 31 Mar. 1968	1968
19690077011	Preproduction tests of six MS9-0365-2, 22 ampere hour, 24 volt, nickel-cadmium, aircraft storage batteries manufactured by General Electric Company	1968
19690077012	Solid propellant combustion literature review /U/ Special report, 15 Mar. 1967 - 15 Mar. 1968	1968
19690077013	Infrared sensors arrays /U/ Final report, 1 Jul. 1965 - 31 Oct. 1967	1968
19690077017	Research on improvement of far-infrared pickup tubes /U/ Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19690077018	F-4J/J79-GE-10 flameout problem investigation /U/ Interim report	1968
19690077019	Research in chemistry /U/ Quarterly progress report, Jan. - Mar. 1968	1968
19690077020	Measurements of the heat-transfer distribution on a scale model of the AFFDL-7MC unmanned supersonic configuration at Mach number 19 /U/ Final report, 23 Jan. - 7 Feb. 1968	1968
19690077022	Reentry Vehicle Technology and Observables /RVTO/ phase 1A program Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19690077023	The effect of time and temperature on the mechanical behavior of a 'plasticized' epoxy resin under different loading modes	1968
19690077024	Ionospheric Telecommunications Laboratory Progress report, Jan. - Jun. 1968	1968
19690077025	Drag of circular cylinders in dilute aqueous solutions of poly/ethylene oxide/ for flows characterized by laminar boundary layer separation	1968
19690077027	Calculations of terrestrial microwave radiometric temperatures with the aid of a digital computer	1968
19690077028	Establishment of an unsymmetrical wake test capability for aerodynamic decelerators. Volume 2 - Analysis of high-speed axisymmetric wakes and parasonic parachute performance Final report, 1 Mar. 1966 - 15 Jan. 1968	1968
19690077029	Mesoscale studies of instability patterns and winds in the tropics Semiannual report, 1 Jan. - 31 May 1968	1968
19690077030	EW crossed field amplifier Final report, 15 Jan. 1966 - 15 Jun. 1968	1968
19690077031	Layered pavement systems - Analysis related to design procedures Final report, Jul. 1963 - Jan. 1968	1968
19690077032	Aerosol-vapor sampling and concentration studies Quarterly progress report, Jan. - Apr. 1968	1968
19690077033	Lance /06502/ missile no. 7102, round no. 60 RST /30 August 1968/ Meteorological data report	1968
19690077034	Aerobee NASA 4.130 UA, /4 September 1968/ Meteorological data report	1968
19690077035	The foreign technology of solid propellants and their combustion	1968
19690077036	Dynamic systems with three variable parameters	1968
19690077037	Spectrum utilization characteristics of FM transmitter tele-dynamics type 1030B	1968
19690077038	Aerosol-vapor sampling and concentration studies Quarterly progress report, Oct. 1967 - Jan. 1968	1968
19690077039	Advanced design concepts for advanced composite airframes, volume 2 Summary technical report, 1 Jun. 1966 - 31 Dec. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077040	Sampling tests of two aircraft batteries, 34 ampere-hour, 24-volt, lead acid, type MS18045-42, manufactured by Gould-National Batteries, Inc.	1968
19690077041	T64-GE12/16 engine development program Final engineering report, 1 Jan. 1966 - 31 Jul. 1968	1968
19690077042	Reentry Vehicle Technology and Observables /RVTO/ phase 1A program Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19690077043	Memory system for microcircuits Interim engineering progress report number 2, 15 May - 31 Aug. 1968	1968
19690077044	Comparison of transient annealing following fusion and fission neutron bursts	1968
19690077045	Advanced digital receiver techniques Final report, 6 Feb. 1967 - 5 Mar. 1968	1968
19690077046	Fabrication and evaluation of diffusion bonded laminated sections Interim engineering progress report, 31 May - 31 Aug. 1968	1968
19690077047	Determination of performance parameters for a powered haulback inertia locking shoulder harness take-up reel Final report	1968
19690077048	Micro notes. Information of microelectronics for Navy equipment	1968
19690077049	Ship's Self-Contained Navigation System /SSCNS/ installation and alignment aboard USS Compass Island AG 153 Progress report	1968
19690077050	An X-ray method for determination of dysprosium in thin films	1968
19690077051	Programmers' manual for the PATHFINDING importance number generator - PATHFINDER, WORTH, and SORT	1968
19690077052	Investigation of chemical species and temperatures present in pyrotechnic flames Final technical report, Apr. 1966 - Mar. 1968	1968
19690077053	Soviet development of scientific research instruments	1968
19690077055	Evaluation of duplex whisker-crystalline silicon nitride structures Final technical report, 1 Apr. 1967 - 29 Feb. 1968	1968
19690077056	Generalized steepest descent algorithm for multistage optimization processes	1968
19690077057	HF antenna gain pattern measurements - Expanded Little IDA program	1968
19690077058	Microwave generation by means of interaction with anisotropic media Final report, 15 Jun. 1965 - 30 Sep. 1967	1968
19690077059	New heat resistant explosives /U/	1968
19690077060	Monopropellant performance demonstration program, Volume 1 /U/ Final report, 9 Jan. - 14 Jul. 1967	1968
19690077064	Ordnance Aerophysics Laboratory /U/ Progress report, 1 Jan. - 31 Mar. 1968	1968
19690077066	Engineering property data on rocket propellants /U/ Final report, 1 Apr. 1966 - 31 Mar. 1968	1968
19690077067	AN/SQS-26 passive subsystem noise correlation analysis /U/	1968
19690077069	Metal infiltrated tungsten rocket nozzle inserts for multiple firings Quarterly report, 15 May - 31 Jul. 1968	1968
19690077070	Air-bearing slipper for supersonic rocket-powered sleds Final report	1968
19690077071	Electromagnetic compatibility testing and facility development programs, 1960-1967	1968
19690077072	Reentry Vehicle Technology and Observables /RVTO/ phase 1A program Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19690077074	Improved CAL wave superheater Final report, Jan. 1967 - May 1968	1968
19690077075	Ku band semiconductor T-R device production engineering measures program Quarterly progress report, 27 Apr. - 27 Jul. 1968	1968
19690077076	Gravity and magnetic instrumentation systems on deep oceanographic survey vehicles Final report, 4 Aug. 1967 - 6 Feb. 1968	1968
19690077077	Evaluation tests of three series of alkaline storage cells manufactured by Yardney Electric Corporation	1968
19690077078	Mechanical test methods - Calibration procedures for fatigue machines. The determination of misalignment in two axial loading fatigue machines	1968
19690077079	Component modification and testing and preliminary design of a self-aligning platform Final report	1968
19690077080	Slip resistant leather for flight gloves	1968
19690077081	Development of electrochemical energy storage unit for vehicle propulsion Final technical report, 3 Mar. 1966 - 30 Jun. 1968	1968
19690077082	Strength of brittle materials Progress report, 1 Oct. 1967 - 30 Jun. 1968	1968
19690077083	Report of experimentation, CH-47 helicopter man-machine-environment compatibility experiment - VTOL 3	1968
19690077084	Pressure drop and velocity distribution in the laminar entrance region of a triangular duct	1968
19690077085	Propulsion technology - Surveys of foreign scientific and technical literature	1968
19690077086	Fracture toughness, fatigue and corrosion characteristics of high strength aluminum extrusions and plate Quarterly technical management report, 27 Mar. - 27 Jun. 1968	1968
19690077087	Production engineering of ferrite powder by fluid bed technique Quarterly report, Apr. - Jun. 1968	1968
19690077089	High power, 10.6 microns radar transmitter Final report, 1 Nov. 1966 - 30 Jun. 1968	1968
19690077090	Cost effectiveness analysis bibliography, volume 2	1968
19690077091	Bibliography of bibliographies in the DDC collection, volume 2	1968
19690077092	Stress wave analysis in layered thermoviscoelastic materials by the extended Ritz method, volume 2	1968
19690077093	Matrix displacement analysis of shells with an axisymmetric midsurface but having circumferentially varying structural properties	1968
19690077094	Antenna element, design integrated antenna, transmitter and receiver design Interim technical report, 1 Jun. - 31 Aug. 1968	1968
19690077095	Radiation effects in dielectric materials Quarterly report, 16 Jan. - 15 Apr. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077096	Modification of RFI measuring AN/URM-138 /XN-1/ Final report	1968
19690077097	Nike-Hydac STV, SR-074 /5 September 1968/ Meteorological data report	1968
19690077098	Detailed test objectives for improved Delta launch vehicle, spacecraft - ISIS-A	1968
19690077099	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments Semiannual report	1968
19690077100	Research, theoretical analyses, feasibility studies, and results on a concept for a combined strapped down gyro and accelerometer Final engineering report, May 1967 - May 1968	1968
19690077101	A reciprocal S-band high power p-i-n diode phase shifter Quarterly progress report, 10 Apr. - 9 Jul. 1968	1968
19690077103	Advanced engine aerospike experimental program /U/ Monthly status report, Mar. 1968	1968
19690077104	Demand-mode integral rocket-ramjet /U/ Final technical report, 13 Feb. 1967 - 13 Feb. 1968	1968
19690077106	Hydrazine nitrate catalyst development /U/ Quarterly report, 1 Feb. - 30 Apr. 1968	1968
19690077107	Hydride crystallization /U/ Interim engineering progress report no. 5, 1 Feb. - 30 Apr. 1968	1968
19690077109	Advanced ramjet concepts program, 1966. Volume 3 - Low volume ramjet analyses and tests /U/ Final report, 1 Apr. 1966 - 1 Oct. 1967	1968
19690077110	Surveillance evaluation of the accuracy and ballistic performance of rocket motor, XM100 /Sergeant/ in stockpile and deployment /U/	1968
19690077111	Ratscat radar cross section measurements of 017-3, rocket exhaust plumes /U/ Final report	1968
19690077113	Electromagnetic compatibility operational system /EMCOPS/. Task 2 - Data base format	1968
19690077114	Study of interfacial conductivity, volume 1 Final report	1968
19690077115	Study of interfacial conductivity, volume 2 Final report	1968
19690077116	Extension of photoelastic design data to case-bonded grains and axisymmetric geometries Final report	1968
19690077117	RUNDWN - Gyro rundown data analysis program	1968
19690077118	Technical studies on the communications satellites Progress report, Aug. 1 - Oct. 31, 1968	1968
19690077119	Neurospora experiment P-1037 Quarterly progress report, Jul. 1 - Sep. 30, 1967	1968
19690077120	Life support in unusual environments Semiannual status report	1968
19690077121	The development of a magnesium MnO sub 2 dry cell battery for the AN/PRC-62 radio Final report, 30 Jun. 1966 - 31 May 1968	1968
19690077123	Procedure for fabrication and operation of Manganin shock pressure gages	1968
19690077124	Nike-Apache DRS NASA 14.336 UA /12 August 1968/ Meteorological data report	1968
19690077125	Design criteria for the prediction and prevention of panel flutter. Volume 1 - Criteria presentation Final report, Aug. 1966 - Nov. 1967	1968
19690077127	Forming the image of the surface of membrane filters in the electron microscope	1968
19690077128	PLANCKS - A program to prepare black body sources for the DTFXRAY photon transport code	1968
19690077131	Measurement of microscopic plastic strain distributions in the region of a crack tip	1968
19690077132	Study of helicopter gear lubrication Final report, Jun. 1967 - May 1968	1968
19690077135	Electronystagmographic investigations of the behavior of the vestibular function of healthy test subjects of different ages	1968
19690077136	Production engineering measures for manufacture of meteorological balloons type ML-566///AM Final report, 23 Sep. 1966 - 23 May 1968	1968
19690077137	Microorganisms in UV light	1968
19690077138	Investigation of materials and methods of extending the shelf life of polyesters Final report, Apr. 1967 - Jun. 1968	1968
19690077139	Utilization of low-temperature infrared spectroscopy for the characterization and identification of carbohydrates and other compounds of biological interest Technical report, 1 Jul. 1967 - 30 Apr. 1968	1968
19690077140	Improving the performance of electroluminescent lamps at elevated temperatures Final report, May 1966 - Nov. 1967	1968
19690077141	Development of an improved process for the working of welded titanium alloy tubing Interim engineering progress report, 1 May - 31 Jul. 1968	1968
19690077142	Reliability mathematical model for distance measuring equipment modification kit	1968
19690077144	Synchronized time automated reporting system Interim report, 1 Jul. - 31 Dec. 1967	1968
19690077145	Sampling tests of one MS90365-2, 22 ampere hour, 24 volt, nickel cadmium, aircraft storage battery manufactured by General Electric Company	1968
19690077146	Surface area requirement of a cooler condenser for mixtures of saturated vapor with noncondensing gas Final report	1968
19690077147	Whisker reinforced metals Quarterly report, May - Aug. 1968	1968
19690077148	The use of computers in medicine, a bibliography, volume 1	1968
19690077149	Development of a buried-gate power field effect transistor Final engineering report	1968
19690077150	Advanced composite carbide nozzles Final report, 1 Jul. 1966 - 12 Jul. 1968	1968
19690077151	Quasi-linear interference suppressor	1968
19690077152	Structural-acoustic response, noise transmission losses and interior noise levels of an aircraft fuselage excited by random pressure fields Final report, Jan. 1967 - Jan. 1968	1968
19690077153	Tacan air to air bearing development Final engineering report	1968
19690077154	Advanced design concepts for advanced composite airframes, volume 1 Summary technical report, 1 Jun. 1966 - 31 Dec. 1967	1968
19690077155	Low-noise microwave transistors Semiannual report, 10 Nov. 1967 - 9 May 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077156	Computer technology Surveys of foreign scientific and technical literature	1968
19690077164	A rubidium magnetic direction-finder for ASW application /U/	1968
19690077165	Surface evaporation rates and internal diffusion coefficients of plasticizers in solid propellants /U/	1968
19690077167	Research and development programs Quarterly report, Jul. - Sep. 1968	1968
19690077168	Dual mode radar feasibility program. Volume 2 - DMRFS mechanization. Part 1 - APQ-72 antenna subsystem. Transmitter/receiver subsystem. Signal conditioning and target tracking subsystem /U/ Final report	1968
19690077169	Dual mode radar feasibility program. Volume 2 - DMRFS mechanization. Part 2 - Storage tube processor subsystem /U/ Final report	1968
19690077170	Dual mode radar feasibility program. Volume 2 - DMRFS mechanization. Part 3 - Coherent moving target indication display subsystem. Passing scene display subsystem /U/ Final report	1968
19690077171	Dual mode radar feasibility program. Volume 3 - DMRFS tests. DMRFS subsystem tests. DMRFS group tests. DMRFS flight tests /U/ Final report	1968
19690077172	Advanced ramjet concepts program. Volume 2 - Ejector scramjet technology /U/ Final report, 1 Mar. 1966 - 15 Jun. 1967	1968
19690077173	Supersonic chemical propulsion feasibility flight demonstration for a low altitude short range missile. Volume 2 - Propulsion system design and development. Part 1 - Propulsion system component development /U/ Final report, 15 Feb. 1965 - Dec. 1966	1968
19690077175	Development of a low-cost catalyst for hydrazine /U/ Quarterly report, 15 Jan. - 15 May 1968	1968
19690077176	Advanced packaged liquid rocket engine /U/ Quarterly progress report, 2 Feb. - 3 May 1968	1968
19690077178	Technical evaluation of Voltage And Synchro Interface Module /VASIM 2/, CV-2037/V//USQ-20/V//	1968
19690077179	Two-D atmospheric intercept and ballistic test program /BHA-0226/	1968
19690077180	Assault air-cushion vehicle	1968
19690077181	Very-high-frequency antenna group, AN/PRA-6	1968
19690077182	Analytical selection of parameters in linear control system design	1968
19690077183	Combustion characteristics of crystalline oxidizers Interim scientific report, 1 Feb. - 30 Apr. 1968	1968
19690077184	Gunn effect devices Quarterly report, 15 Mar. - 15 Jun. 1968	1968
19690077185	A computer simulation of beta injection from a high-altitude nuclear detonation Technical report, Jan. - Jun. 1966	1968
19690077186	Airborne communications via the Syncom 3 satellite relay	1968
19690077187	Energy loss of high energy electrons in aluminum	1968
19690077188	An experimental study of interpreter proficiency as a criterion for image interpretation personnel assignments	1968
19690077189	Design of standard line of vented silver zinc batteries Acceptance test report, 10 Jun. 1967 - 29 Feb. 1968	1968
19690077191	Study of generalized, lumped transistor models for use with SCEPTRE Interim report, Aug. - Dec. 1967	1968
19690077192	Dynamic fault diagnosis techniques Final report, 1 May 1967 - 1 Jul. 1968	1968
19690077193	Comparative study of vibratory rollers	1968
19690077194	Angular-energy spectra of X radiation transmitted through elemental slabs. Section 1 - Experimental measurements. Section 2 - Monte Carlo calculations	1968
19690077195	Mechanism of enzyme action Semiannual report, Jan. - Jun. 1968	1968
19690077196	Compilation of spectral emittances of background and target constituents in the 8 to 14 micron range	1968
19690077197	Distortion of several narrow-band signals in broadband noise caused by non-linear memoryless devices	1968
19690077198	Titanium structural sections produced by roll bonding on bar mills Final technical report, 1 Nov. 1966 - 31 Aug. 1968	1968
19690077199	Composite cylindrical pressure vessels related to gun tubes. Part 1 - Theoretical investigation	1968
19690077200	Time-dependent numerical method for calculating the flow about blunt bodies Technical report, Jun. 1967 - Mar. 1968	1968
19690077201	The determination of the stress intensity factors of a pair of coplaner Griffith cracks whose surfaces are loaded asymmetrically	1968
19690077202	Target signature analysis center - Data compilation, supplement 5	1968
19690077203	Ballistics of smokeless propellants based on NF binders /U/	1968
19690077208	Dual mode scramjet. Part 3 - Engine design and performance characteristics /U/ Technical summary report, Oct. 1966 - Mar. 1968	1968
19690077209	Photochromic large-screen-display console /U/ Research and development report, Nov. 1967 - Mar. 1968	1968
19690077211	Thermal stability and aging studies on selected NF compounds /U/ Technical report, 1 Jul. 1967 - 1 May 1968	1968
19690077215	Formatted File System 360 /NIPS 360 FFS/. Volume 6. System Formatted Output /SFO/, user's manual	1968
19690077216	Engineering design handbook - Design of aerodynamically stabilized free rockets	1968
19690077218	Lithium hydride fuel cell /30-watt/	1968
19690077219	Research to determine the nature of the deleterious interactions of refractory materials with high temperature air species Quarterly report	1968
19690077220	A piecewise linear switching function for quasi-minimum-time control	1968
19690077221	Research study to determine the optimum vitiated heater configuration and fuel system for Mach 7-9 true temperature simulation Final report, 3 Apr. 1967 - 3 Apr. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077222	Investigation of the feasibility of a Doppler radar technique to measure free stream velocity in the AFFDL Electrogasdynamics Facility Final report, Jul. 1967 - Apr. 1968	1968
19690077223	Liquid LMH-2 synthesis and heterogeneous fuels development /U/ Final report, 1 Dec. 1966 - 2 Mar. 1968	1968
19690077225	Airborne experiments with night vision equipment using an IR illumination source /U/ Technical memorandum, Apr. 1968	1968
19690077227	Fixed antenna guidance techniques study /U/ Final report, 1 Jan. - 31 Dec. 1967	1968
19690077230	Dual mode radar feasibility program. Volume 1 - System design considerations /U/ Final report	1968
19690077232	Development of a manufacturing process and associated equipment to improve internal core forming in solid propellant rocket motors /U/ Final technical report, 15 Jul. 1965 - 1 Jun. 1968	1968
19690077237	Translations on French nuclear, missile, space, and related military developments, no. 159	1968
19690077238	Translations on French nuclear, missile, space, and related military developments, no. 160	1968
19690077239	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments. Materials test and propellant heating test Quarterly progress report, 1 May - 31 Jul. 1968	1968
19690077240	Detailed test objectives for Long Tank Delta launch vehicle, spacecraft - Intelsat 3A	1968
19690077241	An improved gradient algorithm for the solution of two-point boundary-value problems	1968
19690077242	Saturn 5 low density plume impingement test. Volume 2 - Test data evaluation	1968
19690077243	Detailed test objectives for improved Delta launch vehicle, spacecraft - HEOS-A	1968
19690077244	Detailed test objectives for improved Delta launch vehicle, spacecraft - Pioneer-D	1968
19690077245	Formation and development of a wake	1968
19690077246	Meteorological decelerator investigations Final report, 1 Aug. 1966 - 15 Dec. 1967	1968
19690077247	A computer program to study the motion of a satellite deploying a number of asymmetrical segmented appendages /N-BOOM/. Volume 2 - Programmer's manual	1968
19690077248	French Eole satellite, International Applications Satellite /IAS-A/ Survey report no. 5, Feb. 1968	1968
19690077250	S-2-1 flight, volume 2 Final test report	1968
19690077252	Frequency response in the parameter plane	1968
19690077253	A computer program to study the motion of a satellite deploying a number of asymmetrical segmented appendages /N-BOOM/. Volume 1 Final report	1968
19690077254	Data collection for nonelectronic reliability handbook /NEDCO 1 and NEDCO 2/ Final report, Mar. 1966 - Jan. 1968	1968
19690077255	Data collection for nonelectronic reliability handbook /NEDCO 2/. Volume 2, section 1 - Failure rate data Final report, Mar. 1966 - Jan. 1968	1968
19690077256	Data collection for nonelectronic reliability handbook /NEDCO 2/. Volume 3, section 1 - Failure rate data continued Final report, Mar. 1966 - Jan. 1968	1968
19690077257	Data collection for nonelectronic reliability handbook /NEDCO 2/. Volume 4, section 2 - Stress level data/part number Final report, Mar. 1966 - Jan. 1968	1968
19690077258	Data collection for nonelectronic reliability handbook /NEDCO 2/. Volume 5, section 3 - Failure mode distributions Final report, Mar. 1966 - Jan. 1968	1968
19690077259	Human adaptation to high altitude. A biological case study of a Quechua population native to the high Andean region with special reference to hypoxia and cold, volume 2 Final progress report	1968
19690077260	Evaluation of a telemetry system for use in shock interaction experiments	1968
19690077261	Micron laser frequency control techniques Interim technical report, 15 Mar. - 30 May 1967	1968
19690077262	Study of fluid dampers for booms Final report, 19 Jan. - 19 Jul. 1968	1968
19690077263	Apollo guidance and navigation. Guidance system operations plan for manned LM earth orbital and lunar missions using Program LUMINARY. Section 2 - Data links	1968
19690077264	Investigation of high and low temperature resistant explosive devices Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690077266	Dipole high-power breakdown experiments	1968
19690077267	Microwave solid-state device studies Technical report, 1 Mar. - 1 Jun. 1968	1968
19690077268	The Faraday effect in cerous metaphosphate glass Final report, 1 May 1966 - 30 Apr. 1968	1968
19690077269	C-band phased array cross-field amplifier development Quarterly report, Feb. - May 1968	1968
19690077270	Design plan for distance measuring equipment modification kit	1968
19690077271	Human performance development program for the Naval Material Command	1968
19690077272	Summary of the thirteenth Refractory Composites Working Group Meeting	1968
19690077273	Advances in nondestructive testing of coated refractory alloys	1968
19690077274	Exploratory investigation of noble metal coatings for chromium	1968
19690077275	Electrophoretic coatings for refractory alloys	1968
19690077276	Current status of Chromalloy's duplex chromium-aluminum coating system for TD-nickel	1968
19690077277	Slurry applied duplex coatings for tantalum and columbium alloys	1968
19690077278	Protectiveness of fused silicide coatings in simulated reentry environment	1968
19690077279	Behavior of sycor R512E coated Cb 752 columbium alloys in a low pressure environment	1968
19690077280	A summary of Air Force sponsored work on the development of coatings for refractory metals	1968
19690077281	Attrition mechanisms of a silicide protective coating in a rocket engine environment	1968
19690077282	Two protective systems for refractory metals operating in air at high temperatures	1968
19690077283	Current activities at IITRI on high temperature protective coatings	1968
19690077284	Results of current studies on coated tantalum alloy sheet at NASA Langley Research Center	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077285	Some properties and applications of the hafnium-tantalum alloy	1968
19690077286	Development of extruded tantalum-hafnium alloy clad tubing and its application to nozzle fabrication	1968
19690077287	Formation and characterization of an Al5-type structure in chemical vapor-deposited tungsten-rhenium alloys	1968
19690077288	High temperature protective coating on extrusion dies - Procedures on coating extrusion dies by flame coating using zirconia /ZrO2/ in rod form	1968
19690077289	Properties of thermally sprayed zirconate coatings	1968
19690077290	Refractory composites evaluation programs at the University of Dayton Research Institute	1968
19690077291	Heat barrier coatings for rocket engines	1968
19690077292	Glass tank probe materials	1968
19690077293	Glassy carbon composites	1968
19690077294	Graphite-titanium carbide composites	1968
19690077295	Unusual room temperature strength behavior of JTA graphite composite	1968
19690077296	Compilation of NASA refractory composites projects for FY 1968	1968
19690077297	Laminate particle composite research	1968
19690077298	Summary of Sundstrand's interest in high temperature composites	1968
19690077299	Development of protective coatings for chromium and basic research on composite materials	1968
19690077300	Ceramic materials research at the University of Washington	1968
19690077301	A review of current refractory composite research in ceramics at IIT Research Institute	1968
19690077302	Refractory composite structures at the Fort Worth Division of General Dynamics	1968
19690077303	Research on refractory composites and coatings	1968
19690077304	Submicroscopic silicon carbide whisker technology	1968
19690077305	Preparation and properties of carbon fiber-nickel composites	1968
19690077306	Contributions to the development of the whisker reinforced composites	1968
19690077307	Sapphire whisker reinforcement of alumina	1968
19690077308	Development of aluminum-boron composites	1968
19690077309	Production techniques for the extrusion of thin lockalloy shapes Final report, 15 Dec. 1966 - 30 Jun. 1968	1968
19690077310	Micropulsations in the visible range Final report	1968
19690077312	Preliminary report on single-channel statistical technique for suppressing long- period microseismic noise	1968
19690077313	Production processes for the fabrication of hollow ball bearings Interim engineering report, 1 Jun. - 31 Aug. 1968	1968
19690077314	Data sensing for flight control systems	1968
19690077315	Computations of VLF fields for determination of electron density profiles using oblique sounder data	1968
19690077317	Variable stability demonstration program at Edwards Air Force Base	1968
19690077318	Wideband magnetoelastic frequency selective limiter for VHF Interim report, 1 Jan. - 1 Jul. 1968	1968
19690077320	Long-wavelength IR mosaic terminal guidance system. Phase 4 Quarterly report, 1 May - 31 Jul. 1968	1968
19690077321	Study of four major forging systems Interim engineering progress report, 1 May - 31 Aug. 1968	1968
19690077322	Combustion species sampling Final report, 1 Aug. 1967 - 1 May 1968	1968
19690077323	Electrical systems study using static components. Combined report phases 1, 2, and 3. Volume 1. Conventional systems and equipment	1968
19690077324	Electrical systems study using static components. Combined report phases 1, 2, and 3. Volume 2. Solid-state devices and equipment	1968
19690077325	Electrical systems study using static components. Combined report phases 1, 2, and 3. Volume 3. Systems evaluation and conclusions phases 1 and 2. Volume 4. Higher frequency systems phase 3	1968
19690077326	Electrical systems study using static components. Phase 4 - Acoustic and magnetic minesweeping electrical power systems. Phase 5 - solid equipment for electric propulsion	1968
19690077327	Electrical systems study using static components. Phase 6 Final report	1968
19690077328	Drag and propulsive efficiency of shrouded air propellers in axial flow. An analytical review of experimental investigations	1968
19690077329	An anechoic test facility design for the Naval Ship Research and Development Center, Carderock	1968
19690077330	Systems analysis using the SCEPTRE computer program Technical report, 10 Jun. - 31 Jul. 1968	1968
19690077331	Computer aided design and analysis	1968
19690077332	Some stored energy measurements from an improved microcalorimeter	1968
19690077333	Fire-resistant summer flight suit	1968
19690077334	Evaluation and calibration of a collimator system	1968
19690077335	Large retractable solar cell array Quarterly technical progress report, 12 Jun. - 27 Sep. 1968	1968
19690077336	Reliability prediction and demonstration for airborne electronics Final report, 3 Apr. 1967 - 31 Mar. 1968	1968
19690077337	Bibliography of bibliographies in the DDC collection, volume 5	1968
19690077338	In-flight investigation of the effects of higher-order control system dynamics on longitudinal handling qualities Final report	1968
19690077339	Quarterly status report, 1 April - 30 June 1968	1968
19690077340	Qualification of transmitter group QRC-344 T-1-OA-2851/ALT-13V Final test report	1968
19690077341	A research program on solid propellant physical behavior Annual report, 1 Feb. 1967 - 30 Apr. 1968	1968
19690077343	One kW Ku-band pulsed coaxial magnetron Final report, 15 Jun. 1966 - 15 Jun. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077344	In-flight investigation of longitudinal short-period handling characteristics of wheel-controlled airplanes Final report	1968
19690077349	Magnetic microstructure and magnetic properties of uniaxial ferromagnetic films	1968
19690077350	The dynamic-elastic behavior of linear, cross-linked and filled plastics	1968
19690077351	Evaluation of the thermophysical properties of the Apollo heat shield AS-501 flight core study Final report	1968
19690077352	Engineer's manual load matrix computer program TRW program no. HE007A	1968
19690077353	An analysis of the LOI go/no-go decision process	1968
19690077354	Omega and a navoceano test Status report	1968
19690077355	Metal particle combustion Progress report, 1 Jul. 1965 - 1 May 1967	1968
19690077356	Multikilowatt transmitter study for space communications satellites. Volume 2 - Phase 1 Final technical report	1968
19690077357	Broadening the application of a space station mission simulation mathematical model	1968
19690077358	Tensile properties and fracture toughness of 6Al-4V titanium Technical report, Feb. 1967 - Apr. 1968	1968
19690077359	Optical transitions in colored crystals Final report, 9 Feb. 1967 - 9 Jun. 1968	1968
19690077360	A proposal for the development of seismic instruments for Mars landers	1968
19690077361	AIMP-E attitude control system	1968
19690077362	A study of spacecraft temperature prediction by thermal modeling	1968
19690077364	Motivational effects of the associate degree completion program	1968
19690077365	Apollo/Saturn test and checkout plan. Volume 2 - Saturn 5 launch vehicle AS-504. Section 1 - Flow plan and listings	1968
19690077367	Preparation and properties of p-n junctions in gallium phosphide	1968
19690077370	Research on signal detection by human observers Final report	1968
19690077371	A method for dynamic analysis of structures with nonlinear stiffness and damping. Volume 1 - Analysis methods	1968
19690077372	Liquid propellant gas absorption study Final summary technical report, 24 Jul. 1967 - 24 Jun. 1968	1968
19690077374	User's guide for Apollo look angle program	1968
19690077375	Synthesis and evaluation of new and improved gyro flotation fluids Annual technical report, 1 Jun. 1967 - 31 May 1968	1968
19690077380	Moon /8040/ electrical resistivity Interim status report, 1 May 1967 - 31 Aug. 1968	1968
19690077381	High temperature resistant polymeric coatings Technical report, 1 Feb. 1967 - 31 Jan. 1968	1968
19690077382	Test program on silicon mesa varactors and p-i-n diodes Final technical report, 1 Jan. 1967 - 30 Jun. 1968	1968
19690077383	Photothermoviscoelastic research Status report for period ending Oct. 1968	1968
19690077384	Research on cosmic electrons Semiannual status report, 1 Feb. - 1 Nov. 1968	1968
19690077385	Development of a system for remote sensing of ionospheric motions - The kinesonde Status report	1968
19690077386	Space programs Quarterly report, Jul. - Sep. 1968	1968
19690077387	A review of the TLI go/no-go criteria for the C-prime mission	1968
19690077388	Development and evaluation of a signal source for use in a solid state switching system	1968
19690077389	Strength of glass Progress report, 1 Oct. 1967 - 30 Jun. 1968	1968
19690077390	Apollo/Saturn test and checkout plan. Volume 2 - Saturn 5 launch vehicle AS-504. Appendix B - Subtasks	1968
19690077391	Apollo reference mission program six-degree- of-freedom guidance and control user's manual. Volume 2. Program flow	1968
19690077392	Earth-centered analytic abort program document. Volume 1 - User's manual	1968
19690077393	Apollo communication systems performance and coverage analysis for Mission Apollo 8	1968
19690077394	Verification of the real-time computing complex's guidance entry program for Apollo 8	1968
19690077395	RTCC return-to-earth abort processor entry range functions /Missions E and F/	1968
19690077397	Japan science and technology, no. 46	1968
19690077398	Japan science and technology, no. 47	1968
19690077399	Exploratory development of continuous filament rotary impactor systems Quarterly progress report, 13 Aug. - 13 Nov. 1967	1968
19690077400	Preliminary AC-17 Atlas-Centaur flight evaluation /launched 8-10-68/	1968
19690077402	Genetic studies of hydrogen bacteria and their applications to biological life support systems Status report, 1 May - 31 Oct. 1968	1968
19690077403	Statistical filter and geophysical discrimination studies. Appendix - Satellite discrimination through artificial atmospheres Final report	1968
19690077404	Abrasive cutting of thick-film conductors for hybrid circuits	1968
19690077405	Apollo applications general launch abort parametric study	1968
19690077406	Translations on French nuclear, missile, space, and related military developments, no. 161	1968
19690077407	Translations on French nuclear, missile, space, and related military developments, no. 162	1968
19690077408	Accuracy of the determination of the viscosity number from single point measurements by means of a simple formula free of constants	1968
19690077409	Measurement of nitric oxide in the earth's atmosphere Final report, 1 Dec. 1967 - 4 Jul. 1968	1968
19690077410	A wide-band optical correlator and matched filter using diffraction of light by ultrasonic waves Research report, Sep. 1967 - May 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077411	Determination of flow-field characteristics around generalized and specific protuberances at Mach numbers 0.60 through 1.60	1968
19690077412	High performance fuel cell Quarterly technical report, 1 Jul. - 30 Sep. 1968	1968
19690077414	Program 624A quarterly reliability and quality assurance report. Volume 1 - Reliability	1968
19690077415	Research investigation of corrosion resistant materials for electrochemical cells Progress report, Jan. - Jul. 1968	1968
19690077416	Application of intelligent automata to reconnaissance Interim report, 18 Dec. 1967 - 5 Apr. 1968	1968
19690077417	The mechanisms and kinetics of aerosol filtration Quarterly progress report, Apr. - Jul. 1968	1968
19690077418	One-hundred-GPM optimum lightweight filter/separator Interim report	1968
19690077419	Flow and fracture characteristics of zone purified beryllium and selected beryllium rich alloys Final report	1968
19690077420	Relativistic effects in the traveling-wave amplifier Final report	1968
19690077421	Lightning electrical hazards to flight vehicles Final technical report, Mar. 1967 - May 1968	1968
19690077422	Preliminary design of LM/ATM radiator subsystem	1968
19690077424	Transient performance analyses of the Apollo block 2 ECS radiators on earth orbital AAP missions	1968
19690077425	Cavitation originating at liquid-solid interfaces	1968
19690077426	Finite memory, recursive and adaptive recursive filters	1968
19690077427	Ammonium perchlorate-based propellant ignition by low convective heat fluxes Technical report, Jan. 1967 - Jun. 1968	1968
19690077430	Metal-containing phosphonitrile polymers Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19690077431	Interferometer handbook	1968
19690077432	Trends in the oxidation of metals and alloys as determined by solid electrolyte techniques Annual report, 1 Sep. 1967 - 31 Aug. 1968	1968
19690077433	Loran-D optimum receiver study Final technical report, Jun. 1967 - Mar. 1968	1968
19690077434	On the frictional resistance of streaming air	1968
19690077435	The effect of temperature on the delayed yield and failure of plasticized epoxy resin	1968
19690077436	Broadband laser display system Progress report, Feb. - Jun. 1968	1968
19690077437	A method for dynamic analysis of structures with nonlinear stiffness and damping. Volume 2 - Computer program user's manual	1968
19690077439	Energy transfer in near resonant molecular collisions due to long range forces with application to transfer of vibrational energy from nu sub 3 mode of carbon dioxide to nitrogen	1968
19690077440	Power limiting of Q-switched lasers Interim engineering report, 1 Jun. - 31 Aug. 1968	1968
19690077441	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 May - 31 Jul. 1968	1968
19690077442	Laboratory study of turbulence in collision free shocks	1968
19690077443	Development of a liquid-ammonia-activated battery power source system Final report, Dec. 1965 - Jan. 1968	1968
19690077444	Influence of metabolic accumulation of products of Hydrogenomonas cells on their continued growth Progress report, May 1 - Oct. 31, 1968	1968
19690077445	Characterization of microporous media for vapor transmission	1968
19690077447	Development of the Simulated Mechanical Impact Test Equipment /SMITE/	1968
19690077448	Development of improved potting and encapsulating compounds for space applications Quarterly progress report, 1 Jan. - 1 Apr. 1968	1968
19690077450	Development of control systems for the hypersonic ramjet propulsion program /U/ Final report, 1 Jul. 1966 - 1 Jan. 1968	1968
19690077452	Shelf and service life test of rocket motors M51 for BOMARC B missiles, phase 5 /U/	1968
19690077453	Development of thermally stable liquid fuels, 15 December 1967 - 30 June 1968 /U/	1968
19690077456	Research in chemistry /U/ Quarterly progress report, Apr. - Jun. 1968	1968
19690077457	Technical status report, April - June 1968 /U/	1968
19690077458	Hydrazine nitrate catalyst development /U/ Quarterly report, 1 May - 31 Jul. 1968	1968
19690077459	Fluid cooled cabin wall design for hypersonic aircraft Final report, Jun. 1966 - Jun. 1968	1968
19690077460	Development of a subscale manufacturing process for the fabrication of hypereutectic transition-metal carbide composites Final report, 1 Aug. 1966 - 31 Jul. 1968	1968
19690077462	Technical evaluation of aircraft approach control AN/SPN-41 XN-2 Final report	1968
19690077463	Processing of data from sonar systems, volume 5, supplement 1 Annual report, 1 Jul. 1966 - 1 Jul. 1967	1968
19690077464	Studies of infrared image converter /solid state type and vacuum type/ Final report, 19 Dec. 1967 - 18 Jun. 1968	1968
19690077465	Process variables in metal extrusion. Part 2. Extrusion die forces Technical report, 1 Aug. 1966 - 31 Jul. 1967	1968
19690077466	Scaling of magnus rotors	1968
19690077469	Satellite photography as a means of determining water temperature structure	1968
19690077470	Research in new techniques in absorption and emission spectroscopy Quarterly progress report	1968
19690077471	Polaris star tracker breadboard model Final report, 23 May 1967 - 1 Aug. 1968	1968
19690077472	Development of improved bread cutting tool materials Interim report	1968
19690077473	Performance capability of Hewlett-Packard atomic cesium beam frequency standards	1968
19690077474	Oceanographic effects on plastic engineering materials	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077475	Flexible exit cone development program materials evaluation test results Technical report, Apr. - May 1968	1968
19690077476	Tuned integrated circuits Final report, 1 Apr. 1966 - 31 May 1968	1968
19690077477	Ablative structural materials	1968
19690077478	Proposal for a radio astronomy experiment on Pioneer F and G. 1 - Technical section	1968
19690077479	Evaluation of MIL-C-81013/WP/ transparent, cellular, plastic film cushioning materials at different altitudes	1968
19690077480	Production processes for extruding, drawing, and heat treating thin steel tee sections Final technical report, 30 Jun. 1965 - 15 Oct. 1968	1968
19690077482	Aerosol immunization. 2 - Experimental study of a new controlled test chamber	1968
19690077484	Monte Carlo multiple impulse rendezvous program	1968
19690077486	Technical evaluation of the F-8H airplane Final report, 3 Nov. 1967 - 29 Apr. 1968	1968
19690077487	Spectrum utilization characteristics of UHF-FM telemetry transmitter, Teledyne model TR-2205	1968
19690077488	Thermodynamics - Condensation theory, vapor equilibrium in the presence of drops	1968
19690077489	Compound semiconductor integrated circuits Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690077490	Description of a 7-inch-diameter uncured solid propellant rocket motor malfunction	1968
19690077491	Feasibility of communications switching multiplexing technique Final report, 21 Feb. 1967 - 21 Feb. 1968	1968
19690077492	Program 624A quarterly reliability and quality assurance report. Volume 2. Quality assurance	1968
19690077493	Feedback filter eigenvalue effect on the response of a linear feedback control system	1968
19690077494	Toxicity study of Mk 50 Mod 0 rocket motor exhaust, April - July 1968	1968
19690077495	The NOL neutron diffraction facility at the Bureau of Standards reactor	1968
19690077496	Dynamic simulation of spin on the human centrifuge	1968
19690077497	Small water-cooled non-ballast tubular xenon lamp	1968
19690077498	Development of magnesium flat cell battery Final report, 1 Nov. 1967 - 30 Jun. 1968	1968
19690077499	Tower for separating and removing entrained water and mist from a gaseous-fluid medium	1968
19690077500	Protection of electronic apparatus from fungi by lacquers	1968
19690077501	Computation of the position and physical state of materials released in the upper atmosphere Final report, Apr. 1966 - Dec. 1967	1968
19690077502	Vuilleumier cycle cryogenic refrigerator development Final report, 13 Mar. 1967 - 13 Apr. 1968	1968
19690077503	A technique for testing crew escape system under adverse attitude and high-sink rate conditions Final report, May 1967 - Mar. 1968	1968
19690077504	L-band tetrodes Quarterly progress report, 1 May - 31 Jul. 1968	1968
19690077505	Properties of JTA graphite Final technical report, May 1965 - Dec. 1967	1968
19690077506	Evaluation of the acoustic silencer in the AEDC-PWT 4-foot transonic tunnel Final report, Apr. - Jun. 1968	1968
19690077507	A digital computer program to simulate band spectra for electronic transitions of diatomic molecules	1968
19690077508	Video detectors in the 4 mm wave region and examination of the state of the art	1968
19690077509	Research on the oxidation of hydrocarbons in the USSR during the last fifty years	1968
19690077510	The use of thermoelectric generators	1968
19690077511	Multi-chip integrated circuit package Quarterly report, 1 Jun. - 31 Aug. 1968	1968
19690077512	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19690077513	Fungicide substances	1968
19690077514	Time scales for radio time signals	1968
19690077515	The improvement of Vening Meinesz formula by considering the topography	1968
19690077516	Improvement of interlaminar shear strength of plastic composites by vapor deposition of graded polymeric coatings on filamentary reinforcements Quarterly technical progress report, 15 Jun. - 15 Sep. 1968	1968
19690077517	Spectrophotometric analysis of the products of liquid-phase p-cymene oxidation by oxygen with mathematical processing of the spectra	1968
19690077518	Condition numbers for systems of equations	1968
19690077519	Radiation effects in dielectric materials Quarterly report, 16 Apr. - 15 Jul. 1968	1968
19690077521	Chemoelectric energy conversion for nonaqueous batteries and fuel cells Quarterly report, Jan. - Mar. 1968	1968
19690077522	Some observations on the dynamic behavior of composites	1968
19690077523	Aerospace memory subsystem optimization Final technical report, 8 May 1967 - 1 Aug. 1968	1968
19690077524	The fabrication, testing and application of fiber-reinforced materials - A survey Final report, Jan. 1967 - Jan. 1968	1968
19690077525	Monolithic infrared mosaic sensors	1968
19690077526	Investigation of the electrode migration and reaction process occurring in alkaline-zinc batteries Quarterly technical progress report, 1 Jun. - 1 Sep. 1968	1968
19690077527	The use of water vaporproof, flexible barrier material for packaging airmen survival kits	1968
19690077532	Loran-F techniques study /U/ Final report, Jun. 1966 - Sep. 1967	1968
19690077533	A toxic hazard study of selected missile propellants /U/ Final report, Jun. 1966 - Jul. 1967	1968
19690077535	A preliminary evaluation of the compatibility of hydrazine-blend fuels in metal containers at elevated temperatures /U/	1968
19690077536	Lightweight combat surveillance correlation radar /U/	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077540	Guidance system operations plan for manned CM earth orbital and lunar missions using Program COLOSSUS 1 /Rev. 237/. Section 2 - Data links /Rev. 2/	1968
19690077543	VHg impact test set. Design task report	1968
19690077544	Flaw detection in ferromagnetic materials	1968
19690077545	Variable camber wind tunnel test program. Volume 1 - Data analysis Final report, Jul. 1967 - Sep. 1968	1968
19690077546	Ultrasonic vapor degreasers and cleaners - A state of the art survey	1968
19690077552	Advanced variable thrust compact combustor /U/ Quarterly progress report, 1 Feb. - 30 Apr. 1968	1968
19690077553	Forty mm gated microchannel array development /U/ Interim technical report, 6 Mar. - 6 Jun. 1968	1968
19690077554	Development of a low-cost catalyst for hydrazine /U/ Quarterly progress report, 15 May - 15 Sep. 1968	1968
19690077556	Propellant compatibility symposium /U/	1968
19690077557	Apollo/Saturn test and checkout plan. Volume 2 - Saturn 5 launch vehicle AS-504. Section 2, part 2 - Stage and integrated tests	1968
19690077558	Apollo/Saturn test and checkout plan. Volume 2 - Saturn 5 launch vehicle AS-504. Appendix A - Standby tests	1968
19690077562	New high-density amine fuels /U/ Quarterly technical report, 3 May - 31 Jul. 1968	1968
19690077563	Hypervelocity impact of rods on finite targets /U/ Final report	1968
19690077564	Influences of the flight environment and propellant additive form on radar interference caused by rocket motor exhausts /U/ Quarterly progress report, 15 Apr. - 15 Jul. 1968	1968
19690077566	Rocket plume effects on airborne vehicle design /U/ Technical report, Mar. - Jul. 1968	1968
19690077567	A survey of the state-of-the-art of high-energy smokeless propellants /U/	1968
19690077568	Acoustic liners for storable propellant rocket chambers, phase 2 /U/ Final report, 28 Mar. 1967 - 31 May 1968	1968
19690077569	Micropower functional electronic blocks Interim technical report, 16 Dec. 1967 - 15 Jul. 1968	1968
19690077571	Development of an external device for the detection of the presence of chlorine trifluoride or mixed hydrazines	1968
19690077572	Measurement techniques for the effects of electromagnetic interference /EMI/ on integrated circuit devices Final report	1968
19690077573	An investigation of Fresnel and first order zone plates Technical report, 1 Feb. 1967 - 31 Mar. 1968	1968
19690077574	Gaussian modes and Fabry-Perot resonators including uniaxially anisotropic medium	1968
19690077575	Development of PPM focused low-noise traveling-wave tubes for Ku-, K-, and Ka-band Final report, 1 Jul. 1963 - 31 Dec. 1967	1968
19690077576	Molecular engineering of Pt-based electrocatalysts for hydrocarbon fuel cell electrodes Semiannual interim report, 1 Nov. 1967 - 30 Apr. 1968	1968
19690077577	Compressor rotor weight and geometry computer program. Volume 1. Technical description Final report, 3 Jul. 1967 - 1 Aug. 1968	1968
19690077578	Range and angle calibration facility study Final report, 1 Apr. 1966 - 1 May 1968	1968
19690077579	Integrated solid state time delay amplifier Final report, 28 Nov. 1966 - 27 Nov. 1967	1968
19690077580	Interaction curves for sections under combined biaxial bending and axial force	1968
19690077581	Development of experimental solid state engine instrument displays Final report, Jun. 1967 - Jun. 1968	1968
19690077582	Test chamber concept development for very high altitude rocket plume and space vehicle systems testing Final report, Nov. 1967 - Jul. 1968	1968
19690077583	Development of high-temperature continuous-rolling process for forming minimum-radii titanium sections Interim engineering progress report, 1 Aug. 1967 - 2 Sep. 1968	1968
19690077585	Manufacturing methods for a 2-kW traveling wave tube Interim engineering progress report, 1 Mar. - 1 Jun. 1968	1968
19690077586	Aerodynamic and thermal operating characteristics of a 45-deg-slant, segmented wall, magnetohydrodynamic generator channel under no-power conditions Final report, 9 Feb. - 28 Mar. 1968	1968
19690077587	Evaluation of phosphoric acid matrix fuel cells Semiannual report	1968
19690077589	Combustion product phenomena encountered upon firing high-speed conical projectiles into oxyhydrogen gas	1968
19690077590	On the solution of the boundary value problem of physical geodesy with the aid of Green's fundamental formula	1968
19690077591	Manufacturing technology for polybenzimidazole resin in composite structures Interim engineering progress report, 15 Jun. - 15 Sep. 1968	1968
19690077592	An electronic tachometer	1968
19690077593	Analysis of drift. Volume 1	1968
19690077594	The kinetic energy of ionized molecule fragments. 5 - On a charge dissociation process in the CO sub 2 mass spectrum	1968
19690077595	Velocity of detonation from streak camera records	1968
19690077596	High power ferrite gas duplexer Final quarterly progress report, 11 Aug. - 30 Sep. 1968	1968
19690077597	Quartz crystal unit type CR-67/U and CR-/XM-67/U production engineering measure Quarterly progress report, 25 Feb. - 25 May 1968	1968
19690077598	Production engineering measure microwave latching X-band circulator and driver Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19690077601	Negative ions from alkali halides and electron affinities of the alkali metals and alkali halides	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077602	Development of thin film reinforced metal matrix composites Final report, 1 Jun. 1967 - 30 Jun. 1968	1968
19690077603	Resistance of solid homogeneous targets to shaped charge jet penetration	1968
19690077604	Aerospace Remote Calculator /ARC/ user's guide	1968
19690077607	Ion-ion hybrid resonance energy transfer studies Final report, 8 Dec. 1965 - 7 Dec. 1968	1968
19690077608	The nature of the photodiode effect in cadmium selenide	1968
19690077609	Apollo 16 PIP model D production program. Volume 1 Final report	1968
19690077610	Apollo 16 PIP model D production program. Volume 2 - Appendix	1968
19690077611	Gaseous ion laser research Final report, Jan. 1967 - 30 Jun. 1968	1968
19690077612	Experimental measurements of the resonant vibrational energy transfer between mode nu sub 3 of CO sub 2 and N sub 2	1968
19690077613	Relationship of microstructure to strength of glass fibers Final report	1968
19690077614	Use of satellite photographs to supplement aerial ice information	1968
19690077615	Adaptive memory tracking device, phase 2 Final technical report	1968
19690077616	Effect of mechanical vibrations on humans	1968
19690077617	Thermally stable hydraulic fluids Technical report, 1 Apr. 1967 - 31 Mar. 1968	1968
19690077618	Reliability improvement program on X-band high power TWT and transmitter console Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19690077619	Minuteman 3 propellant vapor test WS-133 B launch facility - VAFB Final report	1968
19690077620	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690077621	Statistical evaluation of the composition, physical properties, and surface configuration of terrestrial test sites and their correlation with remotely sensed data Semiannual status report	1968
19690077622	Performance evaluation of three representative low thrust /5-8 lbf/ biopropellant engines	1968
19690077623	Dynamic change of relief valve pressure and effect of initial chamber pressure	1968
19690077624	Graphical representation of the LM descent supercritical helium pressurization system Final report	1968
19690077625	Manufacturing techniques for application of erosion resistant coatings to turbine engine compressor components Interim engineering progress report, 1 Jul. - 30 Sep. 1968	1968
19690077626	Chemical Vapor Deposition /CVD/ coating for refractory fasteners Interim report, 1 Jul. - 30 Sep. 1968	1968
19690077627	Self Q-switched laser material Final technical report, 1 Feb. 1966 - 31 Dec. 1967	1968
19690077628	PCM bit rate synchronizer study, volume 1, section 11 Final report	1968
19690077629	The hardening of armor plates by means of very strong, plane shock waves Final report	1968
19690077632	Advanced auxiliary power unit, phase 1 design study report /U/	1968
19690077633	Hybrid propulsion system for an advanced rocket-powered target missile /U/ Final report, 1 Jun. 1966 - 1 Mar. 1968	1968
19690077634	Development of fuel-rich propellants for air augmented rocket applications /MINOX/ /U/ Final technical report	1968
19690077635	Synthesis of solid fluorine oxidizers /U/ Quarterly technical progress report, 8 Apr. - 8 Jul. 1968	1968
19690077636	Storable liquid oxidizer /U/ Quarterly interim report, 1 May - 31 Jul. 1968	1968
19690077637	Advanced maneuvering propulsion technology program /U/ Quarterly progress report, 1 May - 31 Jul. 1968	1968
19690077639	General surveillance of Navy held Sidewinder 1A rocket motor /U/	1968
19690077640	Review of recent developments - Beryllium	1968
19690077641	Study of a mathematical theory for the coagulation kinetics of colloidal solutions	1968
19690077642	Technical evaluation of receiver - Transmitter RT-861/UPX Final report	1968
19690077643	Universal radar signal processor correlator Final report, Nov. 1965 - Sep. 1968	1968
19690077644	N2O4 IRFNA Conference, abstracts and slides /U/	1968
19690077646	Development of pyrolytic graphite coatings for rocket nozzles /U/ Final report, 1 Jan. 1967 - 15 Aug. 1968	1968
19690077649	Binary beam direction finder /U/ Interim engineering report, period ending 30 Jun. 1968	1968
19690077652	Solid propellant extended environmental capability evaluation program /U/ Final technical report, Jul. 1966 - May 1968	1968
19690077654	Accelerated service test and evaluation of the North American Rockwell OV-10A aircraft propulsion system Interim report, 1 Jun. - 12 Aug. 1968	1968
19690077655	Michigan Dynamics Incorporated centrifugal fuel purifiers, part nos. 6400-6 and 101374, evaluation Final report, 8 Aug. 1966 - 6 Jul. 1967	1968
19690077656	Variable camber wind tunnel test program. Volume 3. Airfoil test data Final report, Jul. 1967 - Sep. 1968	1968
19690077657	Morphology of deposits in aircraft fuel systems Progress report, 2 Apr. - 1 Jul. 1968	1968
19690077658	Pictorial analysis of USAECOM no. 1 developer Research and development technical report	1968
19690077660	Development of a potentiometric high pressure, cryogenic pressure transducer Final report	1968
19690077662	Apollo 4 mission report. Calculations of flight-derived aerodynamics	1968
19690077663	Research on heat-resistant alloys Status report, 1 Apr. - 30 Sep. 1968	1968
19690077665	An investigation of strain cycling behavior of 7075-T6 aluminum under combined state of strain Technical progress report, Apr. 1 - Sep. 30, 1968	1968
19690077666	Water produced by bonding tapes during curing	1968
19690077667	Development and testing of the lunar gravity and earth orbital simulator /parallelogram/	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077668	Investigations concerning energy storage using a low-pressure gas discharge /U/ Final technical report, 1 Nov. 1966 - 1 Dec. 1967	1968
19690077669	Multi-megavolt modulator feasibility study /U/ Final technical report, 20 Feb. 1967 - 1 Apr. 1968	1968
19690077675	Fixed antenna guidance techniques study /U/ Final report, 1 Jan. - 30 Jun. 1968	1968
19690077677	A study of alternate means of implementing a horizon definition experiment /U/ Final report	1968
19690077678	Transactions of the thirteenth Conference of Army Mathematicians	1968
19690077679	A perturbation theoretic calculation of eigenfunctions and energy eigenstates of the symmetric linear diatomic anharmonic non-rigid rotator-vibrator	1968
19690077680	Two techniques for analyzing differential equations with coefficients containing the independent variables	1968
19690077681	Shock spectra	1968
19690077682	Computation of hollow cylinder explosions	1968
19690077683	Nonlinear programming by unconstrained techniques	1968
19690077684	Connections between axially-symmetric and two-dimensional field problems	1968
19690077685	Liapunov's direct method and the number of zeros with positive real parts of a polynomial with constant complex coefficients	1968
19690077686	Positive solutions of nonlinear equations	1968
19690077687	Linear second-order differential equations of positive type	1968
19690077688	Elastic axial shear vibrations of a hollow cylinder bonded to a thin shell	1968
19690077689	Methods of solution for the end problem of the elastic cylinder	1968
19690077690	Boundary layers in strain-gradient theory of linear elasticity	1968
19690077691	Initial solution for a two-phase Stefan's problem in a finite region	1968
19690077692	A theorem on single sample confidence intervals	1968
19690077693	A stochastic sieve	1968
19690077694	A note on an interval approximation of the square root of any positive number	1968
19690077695	Modular measurements in electronic tracking equipment	1968
19690077696	Gyroscopics and robotics	1968
19690077697	Numerical solution of the nonlinear Maguerre equations	1968
19690077698	Approximations in nonsymmetric shell vibrations	1968
19690077699	Optimization of engineering design by geometric programming	1968
19690077701	Effects of horizontal-tail twist and deflection and of jet exhaust on some characteristics of a twin-jet fighter mode at Mach 1.20 /U/	1968
19690077704	Binder effects on low burning rate propellants /U/	1968
19690077705	Methods for increasing radar sensor capabilities of assault helicopters in the 1970-1975 period, volume 1 /U/ Final report	1968
19690077706	Methods for increasing radar sensor capabilities of assault helicopters in the 1970-1975 period, volume 2 /U/ Final report	1968
19690077708	[No Title]	1968
19690077709	[No Title]	1968
19690077710	Light metal hydride-2 supply /U/ Final report, 1 Feb. 1967 - 31 Jan. 1968	1968
19690077712	Broad band noise generator /U/ Final report, 1 Jul. 1966- 1 Mar. 1968	1968
19690077715	Evaluation and optimization of fluorocarbon binders /U/ Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19690077716	Advanced solid and monoliquid gas generators, volume 1 /U/ Final report, 1 Sep. 1967 - 28 Mar. 1968	1968
19690077717	Advanced solid and monoliquid gas generators /U/ Quarterly report, 27 Dec. 1967 - 26 Mar. 1968	1968
19690077720	Readout technique for detector mosaics /U/ Semiannual report, 30 Jun. - 31 Dec. 1967	1968
19690077721	Standard arm /U/	1968
19690077722	Short range AMM EO guidance system study /U/ Final report, 1 Dec. 1967 - 1 Mar. 1968	1968
19690077727	Ionic fluorine chemistry /U/ Semiannual status report, 1 Dec. 1967 - 30 Apr. 1968	1968
19690077728	Research on photoconductive beam scanning pickup tubes /U/ Interim technical report, 16 Sep. 1967 - 15 Mar. 1968	1968
19690077729	Production of a packageable oxidizer /U/ Quarterly technical summary report no. 1, 1 Mar. - 31 May 1968	1968
19690077730	Production engineering measure on laser-diode array /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19690077731	Acoustic admittance measurements /U/	1968
19690077732	AGM-12C Bullpup LR62-RM-2 rocket motors. Restrained firing test and physical examinations. Early flight termination program /U/	1968
19690077733	Demand-mode integral rocket-ramjet /U/ Quarterly progress report, 26 Feb. - 31 May 1968	1968
19690077734	Development of structural design criteria for V/STOL type aircraft /U/ Final report, Apr. 1967 - Apr. 1968	1968
19690077735	F-4J/J79-GE-10 flameout problem investigation /U/ Interim report	1968
19690077736	Improved insulators for rocket motors /U/ Quarterly progress report, 1 Mar. - 31 May 1968	1968
19690077737	Advanced packaged liquid rocket engine /U/ Quarterly progress report, 3 May - 2 Aug. 1968	1968
19690077739	Starlight scope /U/	1968
19690077740	Synthesis and evaluation of N-F monomers and plasticizers /U/	1968
19690077744	Chemistry research /U/ Quarterly progress report, Apr. - Jun. 1967	1968
19690077745	Captive flight test Hornet electro-optical contrast tracker /U/	1968
19690077746	Experimental infrared camouflage material /U/ Interim technical report	1968
19690077748	Manufacturing methods for oxidizer encapsulation /U/ Final report, 1 Jul. 1965 - 30 Apr. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077750	Evaluation of airborne screening effectiveness Final report, 30 Dec. 1966 - 30 Dec. 1967	1968
19690077751	Analog recording system of microsecond resolution over a 0.2 second recording period	1968
19690077752	Low temperature solid-state cooling technology Final report, 1 Jun. 1965 - 30 Jun. 1968	1968
19690077754	Doppler optical navigator program Final report, May 1966 - May 1968	1968
19690077755	Evaluation of Dynascience model D-04/E/ active electrostatic discharger system mounted on the CH-46A helicopter	1968
19690077757	Development and demonstration flight test plan first seven months of EA-6B tactical jamming system using EA-6B prototype A-6A number 13 /M-2/ /U/	1968
19690077760	Altitude inlet distortion evaluation of a Pratt and Whitney aircraft TF30-P-1, 1A turbofan engine /U/ Final technical report	1968
19690077762	Long wavelength infrared imagery /U/ Final report, 15 Jun. 1967 - 15 Apr. 1968	1968
19690077764	Loran C/inertial /LINS/ flight test /U/ Final report	1968
19690077766	Flight evaluation of engine exhaust smoke abatement change for J52-P-6A engine Final report, 5 Dec. 1967 - 19 Jul. 1968	1968
19690077767	Neuromime networks for multiprocessors Final technical report, 1 Jun. 1967 - 31 Jul. 1968	1968
19690077768	Improved rubidium vapor cells for frequency standards Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690077771	Multi-image correlation systems study for MGI	1968
19690077772	Aerobee NASA 4.246 DS, 22 September 1968 Meteorological data report	1968
19690077773	Design, development, and testing of a pulse flow calibration system Final report, 1 May 1966 - 31 Jan. 1968	1968
19690077774	Rocket sled blast simulation feasibility study. Volume 1. Feasibility study Technical report, Apr. 1964 - Sep. 1967	1968
19690077775	Research in radiation physics and aerodynamics Semiannual technical summary report	1968
19690077776	Automatic focusing technique Final technical report	1968
19690077777	Optimization of user and earth station interfaces with DSCS. Task 2 - Fault location and interference measurement	1968
19690077778	A solid state ultrasonic image converter	1968
19690077779	Experimental determination of transfer function parameters of chemical processes from impulse response	1968
19690077781	BLM-143 beacon magnetron production engineering measure Quarterly progress report, 31 Jul. 1967 - 30 Apr. 1968	1968
19690077785	Feasibility evaluation of toroidal combustion chamber /U/ Monthly progress report, 31 Aug. - 30 Sep. 1968	1968
19690077786	Optimization of inertial navigation system computers by software analysis /U/ Final technical report, Jul. 1967 - Jan. 1968	1968
19690077787	Detector array technology studies /U/ Final report	1968
19690077788	Guidance and navigation error analysis for Mission C /U/	1968
19690077789	The follow-on development of the RX-5 space suit /U/ Final technical report, Feb. 1967 - Apr. 1968	1968
19690077790	Extravehicular glove development program /U/ Final technical report, Jul. 1967 - Apr. 1968	1968
19690077793	Piezoelectric crystal agent penetration detector Final report, 3 Apr. 1967 - 21 Jun. 1968	1968
19690077794	Microwave acoustic and bulk device techniques studies Quarterly report, 1 Feb. - 30 Apr. 1968	1968
19690077795	Active filters with voltage-variable passband for application to range-gated MTI systems	1968
19690077796	Frequency response analysis of nonlinear dynamic systems	1968
19690077797	Investigation of a monolithic, integrated-circuit differential amplifier as a mixing device	1968
19690077798	Review of recent developments. Oxidation-resistant coatings for refractory metals	1968
19690077799	Production engineering measure manufacture of glass holder crystal units type CR-/XM-66//U Quarterly progress report, 1 Jan. - 30 Jun. 1967	1968
19690077800	Viscous processing techniques for color films Final report, 1 Jun. 1967 - 31 May 1968	1968
19690077801	C-band integrated tunnel diode amplifier Final report, Jan. 1967 - May 1968	1968
19690077802	Analysis and synthesis of linear stochastic sampled-data systems using the Z-transform Research and development report, Jun. 1966 - Dec. 1967	1968
19690077803	Study of psychophysical factors of vision and pyrotechnic light sources Technical report, 18 Oct. 1966 - 18 Dec. 1967	1968
19690077804	Micro and semimicro procedures for the determination of carbon and hydrogen in organic compounds	1968
19690077805	Evaluation of a high energy binder /U/ Quarterly report, 1 Mar. - 31 May 1968	1968
19690077806	Thrust control exploratory development program /U/ Quarterly progress report	1968
19690077807	Light Intratheater Transport /LIT/ /U/ Final technical report, Dec. 1966 - Aug. 1967	1968
19690077809	Development of a flexible system for shipboard proof of laboratory concepts /U/	1968
19690077810	Display format evaluation and the development of realistic training procedures for future operational systems /U/	1968
19690077811	Kalman filtering and target motion analysis /U/	1968
19690077812	A summary of ray trace techniques with applications to tactical and analytic problems /U/	1968
19690077813	Burning properties of active-binder propellants 1. NF propellants /U/	1968
19690077814	Combustion mechanism of high burning rate solid propellants /U/ Quarterly technical report, 1 Jun. - 31 Aug. 1968	1968
19690077815	Multilayered boards Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19690077816	Steady state theory of backward traveling wave parametric interactions	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077817	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report, 1 Jul. - 30 Sep. 1968	1968
19690077818	Manufacturing methods for a 2-kW traveling wave tube Interim engineering progress report, 1 Jun. - 1 Oct. 1968	1968
19690077819	Residual stresses, stress relief, and annealing of titanium and titanium alloys	1968
19690077820	Metal ion complexation of model imides, October 1967 - April 1968	1968
19690077821	Ten watt liquid ammonia battery design and development Final report, 28 Nov. 1966 - 28 Nov. 1967	1968
19690077822	Behavior of extraction parachutes in the wake of a powered airplane model Final report, Dec. 1966 - Oct. 1967	1968
19690077823	Optical line eliminator Technical report, 15 Dec. 1966 - 15 Dec. 1967	1968
19690077824	Electromechanical boresight alignment of conical scan radiometer antennas	1968
19690077825	Spectral properties of passively Q-spoiled lasers Final technical summary report, 10 Oct. 1965 - 30 Jun. 1968	1968
19690077826	Aerobee NASA 4.241 UA, 1 October 1968	1968
19690077827	Heat transfer from flames Final report, May 1967 - Jul. 1968	1968
19690077828	Development of a model for determining stresses in projectile bodies Final technical report, 23 Apr. - 16 Sep. 1968	1968
19690077829	Fundamentals of high temperature bearing lubrication Bimonthly report, Sep. - Oct. 1968	1968
19690077831	Coherent techniques for automatic direction finder Quarterly progress report, 15 Jan. 19 Apr. 1968	1968
19690077832	Ultimate strength of longitudinally stiffened plate panels. Large and small b/t, general material properties	1968
19690077833	Remote transponder locating system	1968
19690077834	Chemical kinetics of wake quenchants /U/ Technical report, Jul. 1967 - Apr. 1968	1968
19690077840	Operational systems implications report /PDV/AX-2 flight test/ /U/	1968
19690077843	Airborne radar for conventional bombing /U/	1968
19690077844	A thermal test of honeycomb panels for the FB-111 Technical memo, Mar. - Apr. 1968	1968
19690077845	Research on hydrazine decomposition Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690077846	Analysis of summer long-period noise - Large- array signal and noise analysis	1968
19690077847	WRECS 3 - A revision of WRECS 2. A FORTRAN code for computation of weapon radiation effects on communication systems	1968
19690077848	Fabrication methods with molded shims for aerodynamic surface control Final technical report, 4 Apr. 1966 - 1 May 1968	1968
19690077849	A wind tunnel free flight technique to determine lift and drag of a wing configuration	1968
19690077850	L-band target telemetry tests	1968
19690077851	Reinforced plastics laminates panels - Physical tests of panels removed after the third exposure period	1968
19690077852	Electron injection laser Final report, 1 Jan. - 30 Jun. 1968	1968
19690077853	Research and study on pulsed CO ₂ , CO ₂ helium, and CO ₂ -N ₂ lasers	1968
19690077856	Carbides for solid propellant nozzle systems Final technical report, 1 Oct. 1967 - 30 Jun. 1968	1968
19690077858	[No Title]	1968
19690077860	Advanced Turbine Engine Gas Generator /ATEGG/, volume 1 /U/ Final technical report, 1 Jun. 1966 - 29 Feb. 1968	1968
19690077861	Advanced Turbine Engine Gas Generator /ATEGG/, volume 2 /U/ Final technical report, 1 Jun. 1966 - 29 Feb. 1968	1968
19690077862	Design of the Continental model 440 gas generator, volume 1 /U/ Final technical report	1968
19690077863	Design of the Continental model 440 gas generator, volume 2 /U/ Final technical report	1968
19690077866	Hypersonic aerodynamic analysis of high lift-drag reentry vehicles /U/ Technical report, May - Dec. 1967	1968
19690077867	Optical observables in re-entry vehicle wakes. Simulation and chemistry	1968
19690077868	The tracking performance of sampled data delay lock loops with pulsed envelope input signals	1968
19690077869	Product improvement summary reports, gas turbine model GTCP100-54, gas turbine models GTC85 series, GTCP95-2 air turbine starters Final report, 1 Jul. - 31 Dec. 1967	1968
19690077870	Regenerable lithium-chlorine system development. Volume 2 Final technical report, 20 Jun. 1967 - 20 Jun. 1968	1968
19690077871	UHF MOS integrated circuits Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690077872	Effects of moisture on charcoal filters Final report	1968
19690077873	Free radicals - A bibliography, volume 1, 1963-1964	1968
19690077874	Aerobee NASA 4.265 DG /10 October 1968/ Meteorological data report	1968
19690077875	Single crystal silicon ribbon pilot line Quarterly interim report, 1 Jul. - 30 Sep. 1968	1968
19690077876	Radiation effects on gallium arsenide devices and Schottky diodes, volume 1 Technical report, 15 Feb. 1967 - 15 Feb. 1968	1968
19690077877	Dispersion-strengthened metal structural development Interim technical report, 1 Aug. - 1 Nov. 1968	1968
19690077878	Nike-Hydac STV, SR-076 Meteorological data report	1968
19690077879	Schottky barrier X-band video detectors for high-sensitivity high-burnout applications Final report, 27 Mar. 1967 - 26 Oct. 1968	1968
19690077880	A Monte Carlo description of the passage of positrons through solid materials Technical report, Nov. 1967 - Apr. 1968	1968
19690077882	Combustion instability analysis at high chamber pressure Final report, 1 Dec. 1966 - 30 Jun. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077883	The effect of neutron radiation on unijunction transistors and silicon control rectifiers	1968
19690077884	XC-142A V/STOL transport category 2 performance evaluation	1968
19690077885	Design and development of tactical data display group AN/ASA-66 Interim engineering report, 28 Sep. 1966 - 31 Dec. 1967	1968
19690077886	Measurement of the radiation characteristics of a simple dome-transducer	1968
19690077892	Conceptual flutter analyses Quarterly report, 28 Jun. - 27 Sep. 1968	1968
19690077893	Mechanical properties of tape composites	1968
19690077894	Certification tests of All Weather Carrier Landing System /AWCLS/ aboard USS Constellation /CVA-64/ for mode IA operation Final report	1968
19690077896	Circular polarization radome techniques. Volume 1 Summary report, 1 May 1967 - 31 Jul. 1968	1968
19690077897	Circular polarization radome techniques. Volume 2 - Design curves for circular polarized radomes	1968
19690077898	Advanced concepts for high L/D hypersonic vehicles. Task 3 - Advanced concepts configuration analysis Final report, Jan. - Aug. 1968	1968
19690077899	Formation of acoustic transducers by the vapor transport method	1968
19690077900	The feasibility of forming a boron fiber reinforced aluminum composite by a hot extrusion process	1968
19690077901	Computer program for ultimate strength of longitudinally stiffened panels /large and small b/t, general material properties/	1968
19690077902	Aerobee NASA 4.174, 20 September 1968 Meteorological data report	1968
19690077903	Statistical relationships between the rate of vertical expansion of aerosol clouds released near the ground and various meteorological predictors	1968
19690077904	Body wave magnitude and source mechanism seismic data laboratory report	1968
19690077905	Development of oxidation-resistant hafnium alloys Final report, Apr. 1, 1967 - Mar. 31, 1968	1968
19690077906	Extension of frequency control to the infrared region Semiannual report, 15 Feb. - 15 Aug. 1968	1968
19690077907	Basic research on semiconductors in Navy laboratories	1968
19690077908	Investigation of semiconductor failure mechanisms with scanning electron microscope Final report	1968
19690077910	Rocket motor Mark 12, Mod 0 /Terrier booster/ type-life 5 /U/ Five year summary report	1968
19690077911	Functionally terminated high energy polymers /U/ Final technical report, 28 Apr. - 28 Jul. 1968	1968
19690077912	Scale-up of NFPA monomer process /U/	1968
19690077914	Supersonic chemical propulsion feasibility flight demonstration for a low altitude short range missile. Volume 2 - Propulsion system design and development. Part 2 - Propulsion system integration and testing Final report, 15 Feb. 1965 - 1 Dec. 1966	1968
19690077915	Spurious output reduction in magnetrons and TM sub 01 study /U/ Interim development report, 1 Jan. - 31 Mar. 1968	1968
19690077917	Vacuum ultraviolet surveillance techniques /U/ Final report, 21 Apr. 1966 - 21 Apr. 1967	1968
19690077918	Inorganic halogen oxidizers /U/ Annual report, 30 May 1967 - 30 May 1968	1968
19690077930	Heat transfer to wires trailing from a 5 deg cone at Mach number 10 /U/ Final report, 19 Jul. 1967 - 8 May 1968	1968
19690077939	Electro optical surveillance research techniques for Cloudcroft E-O Facility Final report, 7 Jul. 1967 - 15 Aug. 1968	1968
19690077940	A device for high pressure static and rapid one-dimensional compression tests on soil Technical report, Sep. 1967 - Jun. 1968	1968
19690077941	Technical approach to the development of a launch abort Contour Data Generator /CDG/	1968
19690077942	ELCO Landing Light System /ACA-32/67/ Final report	1968
19690077943	Study of rectangular-guide-like structures for millimeter wave transmission Progress report, 1 Jul. - 30 Sep. 1968	1968
19690077944	Double-base binder improvement Quarterly technical report, 1 Jun. - 31 Aug. 1968	1968
19690077945	Spectrum utilization characteristics of PM transistorized transmitter, vector model T2125	1968
19690077946	Investigation of supercritical /Feher/ cycle Final report, 1 Jul. 1967 - 15 May 1968	1968
19690077947	Transistor, driver stage, silicon, UHF power, 2.5 watts - MHz PEM Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690077948	Instrument for the noncontact measurement of thin semiconductor film parameters	1968
19690077949	Ignition properties of polyisobutylene triethylaluminum polymer solutions	1968
19690077950	Dispersion-strengthened metal structure development, part 1 Final technical report, 1 Feb. 1967 - 15 Jul. 1968	1968
19690077952	Brushless dc starter-generator Quarterly report, 1 Jul. - 1 Oct. 1968	1968
19690077953	Tunable parametric oscillator using a guided wave structure	1968
19690077955	Solid propellant cumulative damage program Final report, 15 May 1967 - 30 Jun. 1968	1968
19690077956	One-pulse signal detection Research and development report, Aug. 1965 - May 1968	1968
19690077957	Second colloquium on thin films	1968
19690077958	Ablative plastics characterization. Part 3. Convective-radiative reentry heating Technical report, 1 Jun. 1967 - 30 Apr. 1968	1968
19690077959	Evaluation of experimental engines - Hiller pulse reactor lift engine /six pack/ Final report	1968
19690077960	Establishing landing design criteria from 70 mm data for carrier based airplanes Final report	1968
19690077961	High resolution landing rapidly programmable masking for functional electronic blocks Final report	1968
19690077962	On the dimensioning of structural parts made of glass-fiber-reinforced plastics	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690077963	Microscopic and microchemical study of aged solid propellant grains Final technical report, 18 Jul. 1966 - 17 Jul. 1968	1968
19690077965	Hugoniot data on several materials Technical report, Jun. 1964 - Feb. 1967	1968
19690077966	HF vertical plane patterns of monopoles and elevated vertical dipoles with and without extended ground systems Research and development report, Jan. 1967 - Jan. 1968	1968
19690077967	Air traffic characteristics study Final report	1968
19690077968	Magnetic systems employing steels for magnetohydrodynamic generators	1968
19690077969	Smoke abatement in gas turbines. Part 2 - Effects of fuels, additives and operating conditions on smoke emissions and flame radiation Summary report	1968
19690077970	Sublimation of electrically-charged particles	1968
19690077971	A study of fire alarms and fire alarm systems	1968
19690077972	Development of materials and materials application concepts for joint use as cryogenic insulation and micrometeoroid bumpers Annual summary report	1968
19690077973	Optical technology program Interim technical report, Jul. 1 - Sep. 30, 1968	1968
19690077974	Moon - An apparent new 1000 km diameter mare	1968
19690077975	Space communications. Division 6 Quarterly technical summary, 1 Jun. - 31 Aug. 1968	1968
19690077976	Some measurements of the atmospheric boundary layer in an urban complex. Volume 2 - Data supplement Final report	1968
19690077977	Silver-zinc electrodes and separator research Quarterly technical progress report, 1 Jul. - 1 Oct. 1968	1968
19690077978	Some measurements of the atmospheric boundary layer in an urban complex. Volume 1 Final report	1968
19690077979	Evaluation of the fusion casting process for ceramic materials Final report	1968
19690077980	Certification flight of Mighty Sky Project 603-C rocket payload	1968
19690077981	Development of manufacturing methods for the production of superconductive devices Interim engineering progress report, 1 Jul. 1966 - 31 Aug. 1968	1968
19690077982	Honest John missile no. 1851, round no. 579 RML /2 October 1968/	1968
19690077983	Photometry of single fluorescent particles used in air-tracer systems Final technical report, Jul. 1965 - Aug. 1968	1968
19690077984	Development of an electrically heated glove Final report, Jun. 1967 - May 1968	1968
19690077985	SUPER COGEN program, phase 1 Interim report	1968
19690077986	Synthesis of prophine-like substances from simple precursors Status report no. 14, 1 Jun. - 30 Nov. 1968	1968
19690077987	Pentose and pentitol metabolism in hydrogenomonas species Semiannual status report, 31 Apr. - 31 Nov. 1968	1968
19690077988	Transonic unsteady aerodynamics for planar wings with trailing edge control surfaces Final report, 1 Aug. 1966 - 31 Nov. 1967	1968
19690077990	Proof testing of modified MAU-12B/A bomb racks Technical report, 20 Nov. 1967 - 1 Jul. 1968	1968
19690077992	An apparatus for simultaneous thermogravimetric and differential thermal analysis Technical report, May 1965 - Sep. 1966	1968
19690077993	Ionospheric data report - August 1968	1968
19690077994	Development of advanced ablative composites for high pressure liquid propellant environments. Part 1. Materials development Summary report, Jun. 1967 - May 1968	1968
19690077995	Digital video processing study	1968
19690077998	Viscosity of a function of flow gradient in highly diluted suspensions and solutions	1968
19690077999	The absolute radiation intensity of the center of the sun in the spectral range of 4010-6569 angstrom	1968
19690078000	Aberrant image restitution by spatial frequency filtering. 2. Restitution of an image whose spectrum includes a negative portion	1968
19690078001	A study of polymers containing silicon- nitrogen bonds Final report, Jun. 4, 1967 - Jun. 4, 1968	1968
19690078002	Detailed test objectives for long tank Delta launch vehicle, spacecraft - Bios-D	1968
19690078005	Photoelectric measurements of the properties of semiconductor materials	1968
19690078006	Volumetric distribution curves of erythrocytes in hematological diagnostics	1968
19690078007	Manufacturing methods for aircraft tires made by filament-winding techniques Interim engineering progress report, 1 Jul. - 30 Sep. 1968	1968
19690078008	Evaluation of manned orbiting laboratory design definition pressure garments Final report, Jan. - Sep. 1966	1968
19690078009	Infrared studies at high pressures Final report, Jan. - May 1967	1968
19690078010	Simulation of hot working operations by means of torsion testing Final report, 1 Jul. 1966 - 31 Jun. 1968	1968
19690078011	Principles of Wiener auto-adaptive filtering	1968
19690078012	Evaporated film resistance thermometer Final technical report	1968
19690078013	Investigation of an inertial air sampler Final report	1968
19690078015	Flight test-whirling arm correlation of rain erosion resistance of materials Technical report, Feb. - Jun. 1967	1968
19690078016	ICRPG liquid propellant thrust chamber performance evaluation manual Final report, 15 Oct. 1967 - 30 Sep. 1968	1968
19690078017	Research on dissemination processes Technical report, Jun. 1967 - Sep. 1968	1968
19690078018	Modular nuclear vehicle study. Volume 4 - Asymmetric propellant heating computer program	1968
19690078019	Closed Brayton cycle precooler Final technical report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078020	Investigation of the infrared spectra of polymerized acrylonitrile, 3-butenonitrile, 4-cyano-1-butene, 5-cyano-1-pentene, and 2-methylacrylonitrile Final report, 1 Apr. 1967 - 31 Mar. 1968	1968
19690078021	Determination of cause of pressure surge associated with lithium-fluoride steam heat receiver Technical report, Nov. 1965 - Sep. 1966	1968
19690078022	The influence of electrostatic effects on the dispersion of organic powders Final report, 29 Jun. 1966 - 31 Aug. 1968	1968
19690078023	Qualification testing of capacitors	1968
19690078024	Volcanological approach to the interpretation of lunar features Semiannual report, supplement no. 2, Feb. 1 - Jul. 31, 1968	1968
19690078038	An analysis of reentry communications as related to flight test results	1968
19690078039	Pressure transducer Final report	1968
19690078042	On the collaborative research in cardiovascular dynamics and bone elasticity Progress report, 16 May - 30 Nov. 1968	1968
19690078043	Study of a water electrolysis system for a lunar base power station Quarterly progress report, 15 May - 14 Aug. 1968	1968
19690078044	Micronotes - Information on microelectronics for Navy equipments, issue no. 25	1968
19690078045	Reliability assessment of epoxy transistors	1968
19690078046	Present reliability status of plastic- encapsulated semiconductors and an evaluation of their potential for use in military systems	1968
19690078047	Plastic semiconductors?	1968
19690078048	Westinghouse GOLDILOX integrated circuits offer military reliability in plastic packages	1968
19690078049	Plastics for semiconductor packaging	1968
19690078050	Reliability of plastic integrated circuits	1968
19690078051	G-12 report on plastic intergrated circuits	1968
19690078052	Plastic/epoxy semiconductors	1968
19690078053	An evaluation of plastic encased semiconductors	1968
19690078054	Use of plastic encapsulated transistors at Hazeltine	1968
19690078055	Selection and control of plastics for semiconductor packaging	1968
19690078056	Plastic microcircuit reliability	1968
19690078057	Position of the Naval Applied Science Laboratory on the military use of plastic encapsulated semiconductor devices	1968
19690078058	An R and D program to develop polymeric encapsulants for solid state electronic components	1968
19690078059	Metal-containing phosphonitrile polymers Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690078060	Aerobee NASA 4.231 GS /30 September 1968/ Meteorological data report	1968
19690078061	Nike-Hydac STV, SR-073 /5 September 1968/ Meteorological data report	1968
19690078062	Honest John missile no. 3048, round no. 577 APL /11 September 1968/ and Honest John missile no. 3102, round no. 578 APL /September 1968/ Meteorological data report	1968
19690078063	Experimental modulator-demodulator for satellite-aircraft communications Final report, Dec. 1966 - Aug. 1968	1968
19690078064	Bismuth titanate display panel Final report, 21 Apr. 1967 - 20 Apr. 1968	1968
19690078065	Test of a monostatic FM-CW vertical incidence sounder	1968
19690078066	The evaluation of the weldability of structural alloys with the vareststraint test Final report, 6 Jun. 1966 - 15 Oct. 1967	1968
19690078067	Free standing pyrolytic graphite thrust chambers for space operation and attitude control. Volume 2. Appendix A. Strength, residual stresses, and creep in free standing pyrolytic graphite Final report, 15 Jun. 1965 - 31 Dec. 1967	1968
19690078105	Lance, missile no. 1101, round no. 61 RMT /25 September 1968/ Meteorological data report	1968
19690078106	Practical electronic switching system design principles	1968
19690078107	Production engineering measure for improved reliability of solid electrolyte tantalum capacitors Final report, 29 Jun. 1963 - 29 Mar. 1968	1968
19690078108	Application of Mark 3 - SOC /Self Organizing Control/ to multivariable control problems. Part 3. An application of decoupling in the control of pitch and airspeed during approach Final report, Dec. 1966 - Jul. 1968	1968
19690078109	Nike-Hydac STV, SR-072 /4 September 1968/ Meteorological data report	1968
19690078110	Hybrid techniques for multiple target data processing Final report, 1 Feb. - 20 Nov. 1967	1968
19690078111	Experimental studies of phased arrays utilizing complimentary pair element groups at UHF and HF including design criteria, construction methods, and experimental evaluations of model and full scale arrays Final engineering report	1968
19690078112	Powder metallurgy	1968
19690078113	Computer aided improvement of linear phase bandpass filters	1968
19690078114	Production engineering measure for C-band, L-band, and S-band grid pulsed triode and cavity oscillators Quarterly engineering report, 30 Jun. - 29 Sep. 1968	1968
19690078115	Application of Mark 3-SOC /Self-Organizing Control/ to multivariable control problems. Part 1. High-gain decoupling control applied to the longitudinal axis of the XV-4B VTOL aircraft	1968
19690078116	Calibration of an airborne multispectral optical sensor	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078117	Crystal chemistry studies Quarterly report, 14 May - 13 Aug. 1968	1968
19690078119	Study of pulse Doppler detection by digital means Final report, 30 Mar. 1967 - 30 Apr. 1968	1968
19690078120	Photochemical ignition of gaseous fuel oxidizer mixtures at subatmospheric pressures Scientific report, 1 Mar. 1967 - 29 Feb. 1968	1968
19690078121	Production engineering measure manufacture of glass holder crystal units, type CR-/XM-66//U Quarterly progress report, 1 Jul. - 31 Dec. 1967	1968
19690078122	On cab flaps in non-uniform motion	1968
19690078123	High pressure extrusion development Interim report, 1 Jul. - 30 Sep. 1968	1968
19690078124	Small droplet measuring technique Final report, 1 May 1967 - 30 Apr. 1968	1968
19690078125	An analytical study of storage of liquid-hydrogen propellant for nuclear interplanetary spacecraft Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19690078126	A theory of interfacial tension of two-phase ternary liquid systems	1968
19690078127	Electrical impedance of the human body	1968
19690078128	Stress induced eye muscle disturbance in pilots and space travelers	1968
19690078130	The effects of point defects and dislocations on the stress-corrosion susceptibility of aluminum alloys	1968
19690078136	Data processing plan for Orbiting Astronomical Observatory satellite /OAO-A2/	1968
19690078137	Proceedings of the 1968 Army Science Conference, volume 1	1968
19690078138	A numerical method for evaluating stresses in gun tubes	1968
19690078139	Interaction of hot electrons with optical modes of lattice vibrations	1968
19690078140	Finite element techniques in rock mechanics	1968
19690078141	A theoretical and experimental analysis of quasistatic magnetic field transmission through circular apertures	1968
19690078142	The hazard profiles of laser reflections from military targets	1968
19690078143	An optical data link for real-time remote measurement of fast transients in the presence of large electromagnetic fields	1968
19690078144	Effects of spectrum sampling on speech intelligibility	1968
19690078145	Radiometric measurements at 300 GHz	1968
19690078146	Neutron diffraction study of alpha-lead-azide	1968
19690078147	The relationship between pressure effects upon fracture mechanisms and ductility and its practical implications	1968
19690078148	A system for measuring dynamic flow properties in airfoil boundary layers	1968
19690078149	Combined stress test methods and results for ceramic materials	1968
19690078150	The use of geopotential heights for Great Lakes vertical datum	1968
19690078151	Geoid determination	1968
19690078153	Second order regression processes in geometric satellite data reduction problems	1968
19690078154	Liquid lasers - Preparation and characteristics	1968
19690078155	Narrowband infrared detection of important laser wavelengths	1968
19690078156	Measurement of damping in fiber reinforced plastics	1968
19690078157	Minimum weight design of elastic structural elements	1968
19690078158	The barium oxide molecular beam tube, a new type of high precision frequency source	1968
19690078159	Pressure enforced ferroelectric to antiferroelectric phase transition	1968
19690078160	Experimental techniques applied to stress analysis in three dimensions	1968
19690078161	The mechanism and application of periodic electrode processes	1968
19690078162	Conversion of millimeter-wave images into visible displays	1968
19690078163	Shock pressures resulting from impact between a solid and a liquid	1968
19690078164	Chemical thermodynamic properties of heteronuclear diatomic molecules of the transition metal elements and germanium	1968
19690078165	Ground state wave functions the azide ion	1968
19690078166	Homogeneous nonionic detergent p-n-nonylphenoxydecaethoxyethanol	1968
19690078167	Explosive reactions of NF compounds with hydrogen	1968
19690078168	Proceedings of the 1968 Army Science Conference, volume 2	1968
19690078169	A mathematical model for traversal of rigid obstacles by a pneumatic tire	1968
19690078170	Emotional response of rhesus monkeys to chronic psychological stress	1968
19690078171	The ballistic and mechanical properties of polymers	1968
19690078172	HILIS - A high intensity light system for algae food production	1968
19690078173	Boundary-layer studies on helicopter rotors in forward flight	1968
19690078174	Bond character and the metastability of phosphoric groups of military significance	1968
19690078175	A ferroelectric gamma-ray spectrometer	1968
19690078176	Gaseous halide lasers	1968
19690078177	Large nonsymmetric deflections of thin shallow shells	1968
19690078178	Ionic sensors	1968
19690078179	Thyroidal dysfunction during simulated altitude conditions	1968
19690078180	Associated ytterbium and niobate impurities in calcium tungstate	1968
19690078181	A new method of depositing silicon carbide for high-modulus fibers	1968
19690078182	Viscoelastic rheology by ultrasonic interferometry	1968
19690078183	Electroless deposition of nickel and cobalt based alloys	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078184	A new approach to protection against intense light energy	1968
19690078185	Stress reversal in bonding materials between fibers	1968
19690078186	New knowledge on the fundamental limitations to operation of field-effect transistors	1968
19690078187	Blast phenomena from explosions at the water surface	1968
19690078188	Atmospheric propagation of injection laser radiation for high data rate transmission	1968
19690078189	Water vapor permeability in a polyester based polyurethane	1968
19690078190	Measurement of organizational communications and program effectiveness	1968
19690078191	Freeze desiccation - A new method of food preservation	1968
19690078192	Mechanism of thermal decomposition of HMX /1,3,5,7-tetraintro-1,3,5, 7-tetrazacyclooctane/	1968
19690078193	Atmospheric electrical structure	1968
19690078194	NEL/Mitre HF path characteristics, June 1967	1968
19690078195	Plasma diagnostics using the reflection coefficient of planar antennas	1968
19690078196	Design, fabrication and evaluation of graphite fiber reinforced composite structural specimens Summary technical report, 15 Jun. 1967 - 15 Jun. 1968	1968
19690078197	Test and evaluation of ROTEX and AGO-O-MAT	1968
19690078198	Microwave memory acoustic crystals Final report, 1 Mar. 1967 - 30 Jul. 1968	1968
19690078199	Effect of forward speed on roll damping due to viscosity and eddy generation	1968
19690078200	A study of the geometry of elasto-hydrodynamic films in point contact Final summary report, 2 Jan. - 29 Dec. 1967	1968
19690078201	A decision theoretic approach to a stochastic approximation problem	1968
19690078202	On superconductivity of high polymers	1968
19690078204	Investigation of laminated structures for radio frequency applications Final report, 1 Jun. 1967 - 31 May 1968	1968
19690078205	Spurious response measurements on radio receiver R-390 A/URR Final report	1968
19690078206	The study of plasma-boundary interactions Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19690078207	Altitude performance of a Thiokol TX261-4 rocket motor S/N59 at a spin rate of 200 RPM Final report	1968
19690078208	Adsorption of helium by solid surfaces at ambient temperature	1968
19690078209	Examination of the radiation polymerization of channel complexes	1968
19690078210	Telemetry development and test program Quarterly report, Jul. - Sep. 1968	1968
19690078211	Test and evaluation of connectors, subminiature, rectangular rack and panel and cable application for MIL-C023353 Final development report	1968
19690078212	Optical resonators and nonlinear optics Technical report, 1 Feb. 1966 - 31 Jul. 1968	1968
19690078213	Investigation and compilation of the thermodynamic properties of high temperature chemical species Quarterly technical report, 1 Jul. - 30 Sep. 1968	1968
19690078214	Maintaining altitude simulation with a steam ejector during simulated engine lead flow of gaseous fluorine Final report, 15 Sep. 1967 - 30 Jun. 1968	1968
19690078215	Maintainability of microcircuit equipment Final report, Mar. 1967 - Mar. 1968	1968
19690078216	Measurement of receiver degradation Final report	1968
19690078217	Research on the electrochemical oxidation of hexane and its isomers Semiannual interim report, 16 Nov. 1967 - 15 May 1968	1968
19690078218	Program guide for the TERRA Earth Abort Program	1968
19690078219	Apollo/Saturn 5 ground safety plan. Volume 4 - Spacecraft ordnance buildings	1968
19690078220	Raman shift laser study Final report, 16 May 1967 - 15 Jul. 1968	1968
19690078221	Bunker-Ramo homing/ranging system evaluation Final report	1968
19690078222	Technical evaluation of multi-function meter model 427 A, Hewlett-Packard Final report	1968
19690078223	The nycthemeral rhythm of energy release study of physiological comparison	1968
19690078225	Alloys, intermetallic compounds, and the experimental study of the Fermi surface	1968
19690078226	Study of rotor blade-vortex interaction Semiannual status report	1968
19690078227	Powered ascent monitoring display and procedure validation based on availability of MSFN and rendezvous radar residuals	1968
19690078228	Manufacturing technique for low-temperature silicon deposition Interim engineering report, 1 May - 31 Jul. 1968	1968
19690078229	Positive limb restraint system F-105 OT and E	1968
19690078230	Aerobee NASA 4.185 US /24 September 1968/ Meteorological data report	1968
19690078231	Foam and aeration unit - Modifications and test results Phase report, 1 Apr. 1966 - 31 Aug. 1967	1968
19690078232	Transition of the hypersonic boundary layer on a cone. Part 2. Experiment at M equals 10 and more on blunt cone transition	1968
19690078233	Thermodynamics of SF6 and its decomposition and oxidation products, January - March 1968	1968
19690078234	Elastic bending, buckling, and vibration of orthotropic plate-beam structures Research and development report	1968
19690078235	Projectile yaw measurement by high speed motion pictures Technical report, Jan. 1964 - Mar. 1968	1968
19690078236	Theoretical and experimental analysis of the infrared vibrational spectra of some diatomic impurities in alkali-halide crystals	1968
19690078239	Solid propellant structural test vehicle, cumulative damage, and systems analysis Final report, 1 May 1967 - 30 Jul. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078240	Evaluation studies of clear air turbulence detection by a multipulse laser radar Final technical report	1968
19690078241	Brazing beryllium by capillary flow Final report, 1 Jan. 1967 - 15 Jun. 1968	1968
19690078242	Performance of a UTC FW-4S solid-propellant rocket motor under the combined effects of simulated altitude and rotational spin Final report	1968
19690078243	Calorimeter optimization program Final technical report, 20 Feb. - 30 May 1968	1968
19690078244	The development, fabrication, and evaluation of sonic fatigue resistant aerospace structures utilizing viscoelastic materials Interim technical report, 1 Jul. - 30 Sep. 1968	1968
19690078245	Theoretical studies of valley circulation Final report	1968
19690078247	Dynamic analysis techniques for turbine engine controls Summary report, 1 Sep. 1967 - 1 Sep. 1968	1968
19690078248	Exploratory development of nondestructive testing techniques for diffusion bonded interfaces Summary technical report, 31 Jul. 1967 - 31 Jul. 1968	1968
19690078249	Ablative plastics characterization. Part 2. Additional arc-heater screening and trajectory simulation Final summary report, 1 Jun. 1967 - 30 Apr. 1968	1968
19690078250	Research on piezjunction sensors Summary report, 14 Aug. 1967 - 14 Aug. 1968	1968
19690078251	VHF/FM homing antenna design test report for army aircraft Mohawk OV-1 /Antenna AS-2042/ /ARC/	1968
19690078252	Semigroups generated by the linear Boltzmann operator Final technical report, 1 Jun. - Aug. 1968	1968
19690078253	Formation and properties of adsorption mixed crystals	1968
19690078254	Design of minimum length supersonic nozzle contour and associated subcontours	1968
19690078255	Tunable dispersive filter techniques Final technical report, Feb. 1966 - Jun. 1968	1968
19690078256	Strapdown electrostatic gyro inertial navigation system feasibility development. Volume 1. Technical description and mechanization Final report, Jul. 1966 - Oct. 1967	1968
19690078257	Low-noise L-band amplifier production engineering measures study and implementation Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690078258	A spacecraft concept for the unified space applications mission	1968
19690078260	A further investigation of the drag at subsonic speeds of side intake boundary layer diverters	1968
19690078261	Random access eidophor feasibility investigation Final report, Apr. 1966 - Apr. 1968	1968
19690078262	Dynamic stability tests of a SNAP-29 fuel block configuration at Mach number 8 Final report	1968
19690078263	Dose and depth dose measurements on the sixth Gemini flight, a comparison with the Gemini 4 radiation measurements Technical report, Jun. 1965 - Jan. 1968	1968
19690078264	Rapid Diffusion Transfer Laboratory Processor Final engineering report	1968
19690078265	Mechanisms for electrochemical catalysis Technical report /final/, 1 Jun. 1967 - 31 May 1968	1968
19690078266	Design and test of a radioisotope dual ablation gauge Final report, Jul. 1967 - Jun. 1968	1968
19690078267	Low-speed wind-tunnel tests on an unswept wing-fuselage model of aspect ratio 9.8, with tangential blowing over trailing-edge flaps and ailerons, including the effect of slipstream	1968
19690078268	Inflated mobile lifting structures - Practical design and trails of a circular planform model using membrane construction	1968
19690078269	Investigation of the energy dependence of collision processes of negative ions leading to transfer of charge	1968
19690078270	An antenna current monitoring system	1968
19690078271	Development of an integrated and mechanized high energy forming machine Final technical report, 1 Jul. 1965 - 29 Feb. 1968	1968
19690078272	Development of improved materials and processes for low cost boron filament Final report, 15 Feb. 1967 - 15 Jan. 1968	1968
19690078273	Microwave device techniques for aerospace surveillance Final report, 1 Nov. 1964 - 31 Oct. 1967	1968
19690078274	Torque induced by convective effects acting on a cylinder floated in a thin layer of viscous fluid	1968
19690078275	Saturn 1B Program. Angle valve, 1/2-inch, 6000 psig Vacco Valve Company, part number MA-6P-X463-2G	1968
19690078276	Remote manipulators and mass transfer study Final technical report, Feb. 1967 - May 1968	1968
19690078277	The effects on automatic landing lateral performance of interference to the ILS localizer by reflection from an aircraft taking-off	1968
19690078278	A new method of measuring the attenuation of interference suppressors	1968
19690078279	Cryogenic insulation development Quarterly progress report, 3 Jul. - 3 Oct. 1968	1968
19690078280	Flight measurements of wing-tip vortex motion near the ground	1968
19690078281	Optimum linear filtering with colored noise, 1 February - 1 August 1967	1968
19690078282	A feasibility study of an ultra low level airdrop system	1968
19690078283	Pressure measurements on a slender rhombic cone at incidence at Mach numbers from 0.4 to 1.1	1968
19690078284	An air temperature probe for convective heating tests	1968
19690078285	Tension field theory	1968
19690078286	Nonlinear estimation in continuous time systems	1968
19690078287	Radiation hardened silicon power transistors	1968
19690078288	Development of an image isocon with fiber optics faceplate Final report, Sep. 1967 - Jul. 1968	1968
19690078289	Optimal controllers for homing missiles	1968
19690078290	Evaluation of aircraft landing gear ground flotation characteristics for operation from unsurfaced soil airfields	1968
19690078291	Sensitivity analysis of Apollo electrical power system consumables analyses	1968
19690078292	Apollo spacecraft flight test plan	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078295	Central-nervous-system adrenal interrelations Quarterly progress report, Jun. - Sep. 1968	1968
19690078296	The brittle fracture of alumina Final technical report, Apr. 1967 - Mar. 1968	1968
19690078297	Multiple doped erbium glasses Quarterly report, 15 Apr. - 15 Jul. 1968	1968
19690078298	Stroboscopic holographic interferometry	1968
19690078299	Synthesis of non-hygroscopic cellulosic materials	1968
19690078300	Soviet copper and copper alloys	1968
19690078301	Evaluation of land combat support system integrated circuits APN 11150264, APN 11150265, APN 11150266	1968
19690078302	Control mechanisms for parallelism in programs Quarterly report, 27 Jan. - 19 Jun. 1968	1968
19690078303	The foreign technology of liquid propellants and their combustion	1968
19690078304	Experimental research on collisions of heavy particles at energies up to 2 MeV	1968
19690078305	Astrodynamics Conference. Volume 1 - Celestial mechanics and optimization session	1968
19690078306	The calculation of trajectories by the empirical simulation of restricted state vectors	1968
19690078307	Impulsive orbit transfer optimization by an accelerated gradient method	1968
19690078308	Rocket trajectory optimization by a second order numerical technique	1968
19690078309	Analytic ephemeris generation	1968
19690078310	An efficient method for calculating optimal free space n-impulse trajectories	1968
19690078311	An iteration technique using matched conics to converge precision interplanetary trajectories to specific boundary conditions	1968
19690078312	Astrodynamics Conference. Volume 3 - Real-time programming and development session	1968
19690078313	Real-time rendezvous mission planning	1968
19690078314	Formulation for Apollo real-time ground tracking data navigation program	1968
19690078315	Orbit determination in a real time, multiprogramming environment	1968
19690078316	Translunar coast midcourse correction procedure	1968
19690078317	Astrodynamics Conference. Volume 4 - Mission planning analysis session	1968
19690078318	Launch abort philosophy for manned space flights	1968
19690078319	Collision probability of the Apollo spacecraft with objects in earth orbit	1968
19690078320	Gemini rendezvous braking maneuvers	1968
19690078321	Lunar landing site selection criteria	1968
19690078322	Graphical determination of lunar site accessibility for Apollo and Apollo applications missions	1968
19690078323	Reentry trajectory control for Apollo	1968
19690078324	An approach to the solution of an accurate and economical six-degree-of-freedom reentry simulation technique	1968
19690078325	Mode of analysis of a low-energy Mars landing mission	1968
19690078326	Astrodynamics Conference. Volume 5 - Guidance techniques and analysis session	1968
19690078327	On board determination of iterative guidance target parameters for the Apollo mission translunar injection burn	1968
19690078328	A polynomial representation of unique characteristics of lunar trajectories	1968
19690078329	A manually retargeted automatic landing system for the LM	1968
19690078331	Translations on French nuclear, missile, space, and related military developments	1968
19690078332	Laminar flow gas turbine regenerators - The influence of manufacturing tolerances	1968
19690078333	Quantitative studies by optical spectroscopy of energy exchange in simple gases and solids Annual summary report	1968
19690078334	Nonlinear analysis of circular sandwich plates	1968
19690078335	Radiation-resistant magnetic logic circuits Final report, 10 Feb. - 15 Sep. 1968	1968
19690078337	On the collision mechanism of biomolecular reactions. Part 3 - Investigations of the reaction ionic molecular nitrogen plus hydrogen /deuterium/ yields ionic nitrogen hydrogen plus hydrogen /nitrogen deuterium ion plus deuterium/ and ionic carbon monoxide plus hydrogen /deuterium/ yields ionic carbon monoxide hydrogen plus hydrogen /carbon monoxide deuterium ion plus deuterium/	1968
19690078338	Echo splitting in linear FM Doppler ranging systems	1968
19690078339	Back-to-back error-rate tests of multichannel teletype system Interim report, Jan. - Aug. 1968	1968
19690078340	The use of multispectral sensing techniques to detect Ponderosa pine trees under stress from insect or pathogenic organisms Annual progress report	1968
19690078341	Evaluation of LCSS transistor, 2N3265/APN/11150536	1968
19690078342	A dielectric material for study of silicon nitride as microelectronic applications Final report, 1 Jul. 1967 - 1 Aug. 1968	1968
19690078343	Effects of additives on ignition delay and chamber pressurization of space-ambient engines	1968
19690078345	Active element array Final report, 2 Feb. 1967 - 16 Apr. 1968	1968
19690078346	Glass reinforced polyester coatings for steel in marine atmosphere	1968
19690078347	Interference reduction techniques study - RADAR Final report, 1 Jul. 1967 - 1 Jul. 1968	1968
19690078348	Ion plantation doping techniques Final report, 1 May 1966 - 1 Aug. 1968	1968
19690078350	A comparison of finite element and Fourier series solutions as applied to radially loaded circular rings	1968
19690078351	A computer program for the analysis of linearly elastic plane-stress, plane-strain problems	1968
19690078352	Current ball-bearing technology and its broader applications	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078356	Development of improved potting and encapsulating compounds for space applications Annual summary report	1968
19690078358	Design of standard line of vented silver-zinc batteries Final report, Jan. 1967 - Aug. 1968	1968
19690078359	The effects of a model propeller on the velocity and pressure distributions ahead of the model in a closed circuit wind tunnel	1968
19690078361	LM RCS consumables program user's manual	1968
19690078362	Nimbus D attitude control system engineering model hardware simulation	1968
19690078363	Analysis of Apollo navigation accuracy utilizing a triaxial gravity model in the lunar environment	1968
19690078364	Design and experimental verification of a heliometer Final report	1968
19690078365	A literature review and discussion of liquid particle breakup in gas streams	1968
19690078366	Aerial color photographic research and flight tests Final report Mar. 1967 - Mar. 1968	1968
19690078367	Manufacturing processes for roll bonded titanium alloy structural sections Final technical report, 11 Nov. 1966 - 31 Aug. 1968	1968
19690078368	Environmental factors in systems effectiveness Final report, 7 Apr. 1967 - 7 May 1968	1968
19690078369	Comparison between a Von Neumann-Richtmyer hydrocode /AFWL'S puff and a Lax-Wendroff hydrocode/ Technical report, Aug. 1967 - Aug. 1968	1968
19690078391	Evaluation of dual transistor /n-p-n p-n-p/ APN 11150791	1968
19690078392	Microwave generation from avalanche transit time diodes Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690078393	The correlation of deep-ocean ambient-noise spectra with wind speed and wave height for frequencies from 11 to 2816 Hertz	1968
19690078394	Apollo 8 GN and C preflight performance review	1968
19690078395	CSM RCS data dispersion analysis	1968
19690078396	Demonstration of a submerged cooled nozzle	1968
19690078397	The emittance of germanium and silicon at low temperature Technical report, 28 Feb. 1967 - 28 Feb. 1968	1968
19690078398	Calculation of two-dimensional, supersonic flow with chemical reactions Final report	1968
19690078399	Molecular beam studies of polymerization and condensation in free-jet expansions of argon and nitric oxide Final report, 1 Jul. - 1 Aug. 1968	1968
19690078400	Spiro polymer synthesis and characterization Technical report, 1 Jun. 1966 - 30 Apr. 1968	1968
19690078401	Determination of the electrical characteristics of rocket exhaust plumes with electrostatic probes Final report, 1 Jan. 1967 - 30 Apr. 1968	1968
19690078402	The amplitude response of constant-parameter linear systems to variable frequency excitations	1968
19690078403	High power uv laser Final technical report	1968
19690078404	Microminiaturization of AN/FCC-17 filters Final report, Jan. 1967 - Apr. 1968	1968
19690078405	Development of a solid-state X band power source Final technical report, 1 Jun. 1967 - 30 May 1968	1968
19690078406	Spectroscopy and solid state quantum electronics at optical and infrared wavelengths Semiannual status report, 1 Apr. - 30 Sep. 1968	1968
19690078407	Effects of environment and evolution on macromolecules Progress report, 1 May - 30 Nov. 1968	1968
19690078408	Study and research work on development of digital vacuum transducer Final report	1968
19690078409	Automated procedures for evaluating powered hypersonic vehicles from subsonic through hypersonic speeds. Volume 2 - User's manual Final report	1968
19690078410	Techniques for the objective assembly of meteorological satellite data Final report	1968
19690078411	Arctic operation of seismic transducers Final report	1968
19690078412	Short-time elevated temperature mechanical behavior of 2014-T6 aluminum under tension-tension biaxial stress	1968
19690078414	Advanced integration techniques for low power, 100-200 mHz digital processing Final report, 16 May 1966 - 1 Mar. 1968	1968
19690078415	Study of aviation-fuel filter/separators Quarterly progress report, 20 Jul. - 19 Oct. 1968	1968
19690078418	Flox-Diborane technology Informal quarterly status letter, 15 Mar. - 15 Jun. 1968	1968
19690078419	A review of recent handling qualities research, and its application to the handling problems of large aircraft. Part 3 - Longitudinal handling	1968
19690078422	Theoretical studies of turbulence in plasmas Semiannual status report, 1 Jun. - 30 Nov. 1968	1968
19690078423	Translations on French nuclear, missile, space, and related military developments	1968
19690078424	LTA-8/LM-3 ECS post test analysis	1968
19690078429	The use of image intensifiers in the measurement of re-entry spectra /U/	1968
19690078431	Sensitivity, parametric, and regime definition studies of the HATA-2 computer program /U/ Final report, 16 Aug. 1966 - 16 Nov. 1967	1968
19690078441	Final flight evaluation report for the PDV/AX-2 flight test /U/	1968
19690078449	Prolonged afterglow of aqueous solutions of proteins and synthetic polymers irradiated with X-rays	1968
19690078450	An experimental study of the interaction between the reflected shock wave and a turbulent boundary layer in a shock tube	1968
19690078454	Smoothing techniques for the Electronic Emitter Location System /EELS/ /U/	1968
19690078463	Cesium electron bombardment thruster research Final report	1968
19690078465	Low-speed wind-tunnel measurements of oscillatory rolling derivatives on a sharp-edged slender wing. Effects of frequency parameter and of ground	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078466	Parametric wind tunnel study of the separation characteristics of a bomb-shaped store from the left outboard pylon of the F-4C aircraft Final report	1968
19690078467	Drag characteristics of various para-ballutes in the wake of the ALARR payload Final report, 12-18 Sep. 1968	1968
19690078469	The boundary layer over an impulsively started flat plate	1968
19690078472	Helium tracer gas fine leak test analysis Final report	1968
19690078473	A single wire suspension for model stability tests in wind tunnels	1968
19690078474	An inexpensive telemetered accelerometer	1968
19690078475	A dynamic simulation study of the sweptwing transport aircraft in severe turbulence	1968
19690078479	Transverse instabilities of magnetically self-focusing streams in plasmas Semiannual progress report, 1 Jan. - 31 Dec. 1968	1968
19690078480	Mechanisms for the effect of electric and magnetic fields on biological systems Semiannual status report, Jul. - Dec. 1968	1968
19690078481	Welding of metal-matrix fiber-reinforced materials	1968
19690078482	Titan 3 aerodynamic characteristics Data report	1968
19690078483	Lightweight north seeking gyro azimuth surveying instrument model no. 11NG531A Final engineering report, May 1965 - Mar. 1968	1968
19690078484	DDP 124 computer programs for the study of correlation properties of binary sequences	1968
19690078485	Flared-slot antenna technique study Final engineering report, 1 Jun. 1967 - 1 Aug. 1968	1968
19690078486	Effects of moisture on Hawk wings	1968
19690078487	Systems operational reliability analysis on pneumatic supply system LC 34/37	1968
19690078489	Design of a symmetrical section with specified pressure distribution	1968
19690078491	Optical and infrared masers Semiannual status report, 1 Apr. - 30 Sep. 1968	1968
19690078492	Survey study of the interconnection and packaging problems in microelectronics	1968
19690078493	New digital equipment for the Bramble data processing system	1968
19690078494	Inhomogeneous field ion optics and detectors for mass spectrometry Progress report, 1 Apr. - 30 Sep. 1968	1968
19690078495	Two dimensional low-speed tunnel tests on the NACA 0012 section including measurements made during pitching oscillations at the stall	1968
19690078496	Flexible metal hoses, NASA specification numbers 75M10285-1F, 75M14572-2, 75M10286-17F, 75M10286-33F, and 76K00010-2	1968
19690078497	The calibration of the aluminum foil raindrop recorder	1968
19690078499	The effect of temperature, depth of discharge, and percentage overcharge on the cycle life of hermetically sealed nickel-cadmium cells	1968
19690078502	Evaluation and optimization of fluorocarbon binders /U/ Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690078503	X269 Spider demonstration program /U/ Final report, Jul. 1967 - Jun. 1968	1968
19690078506	Explosives research and development /U/ Quarterly progress report, Jul. - Sep. 1968	1968
19690078508	Development of heterogeneous propellants /U/ Quarterly report, 7 Apr. - 6 Jul. 1968	1968
19690078514	Research on improvement of far-infrared pickup tubes /U/ Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690078516	Free standing pyrolytic graphite thrust chambers for space operation and attitude control, volume 1 /U/ Final report, 15 Jun. 1965 - 31 Dec. 1967	1968
19690078517	Program for development and flight evaluation of a loran inertial navigation system /U/ Final engineering report, Nov. 1966 - Mar. 1968	1968
19690078520	Laser rotational sensor exploratory development model /U/ Final report, 1 Jul. 1967 - 8 Feb. 1968	1968
19690078521	Low speed scramjet application studies baseline engine design /U/	1968
19690078523	Development of high-temperature metals and composites for advanced rocket nozzles and associated structures /U/ Quarterly report, 1 Jun. - 31 Aug. 1968	1968
19690078524	Evaluation of Hartlobe design feasibility models for KY-532A and APX-64 transponders /U/ Interim report, Feb. 1967 - Jun. 1968	1968
19690078525	Shipboard radio-frequency interference investigation - The intermodulation problem and its reaction on communications systems design /U/ Status report, May 1962 - Aug. 1968	1968
19690078527	Synchronized time automated reporting system /U/ Final report, 1 Jan. - 31 Jul. 1968	1968
19690078529	Rocket propellant program - Propellants Laboratory /U/ Technical status report, Jul. - Sep. 1968	1968
19690078531	Firing equipment electrical cables and cable accessories for Launch Complex 39, Saturn 5 vehicles	1968
19690078532	An analytical study of storage of liquid-hydrogen propellant for nuclear interplanetary spacecraft Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19690078533	Advanced engine Aerospike experimental program Monthly status report for Oct. 1968	1968
19690078535	Conduct operational evaluation of the AN/APX-76 /U/ Final report, 23-31 Aug. 1968	1968
19690078536	Propulsion development department review. Part 2 - Propellants and materials, April - June 1968 /U/ Progress report	1968
19690078537	Propulsion development department review. Part 1 - Propulsion techniques, systems, and analysis, April - June 1968 /U/ Progress report	1968
19690078542	High efficiency S-1 photocathode processing techniques /U/ Quarterly report, 1 Dec. 1967 - 28 Feb. 1968	1968
19690078544	Research on submicron beryllium powder Final technical report, Jul. 1965 - Sep. 1966	1968
19690078546	Theoretical study of rocket exhaust plume radar reflectivity	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078547	Development of a three-stage 60-18 mm variable magnification image intensifier /U/ Quarterly technical report, 1 May - 31 Jul. 1968	1968
19690078548	Light Intra-theater Transport /LIT/ STOL study. Book 3 - Design. Section 3 - Performance, stability, and control /U/	1968
19690078549	Light Intra-theater Transport /LIT/ STOL study. Book 4 - Design. Section 4 - structures and weights. Section 5 - Subsystems /U/ Final report	1968
19690078550	Light Intra-theater Transport /LIT/ STOL study. Book 5 - Cost, schedules, and program management /U/	1968
19690078551	Surveillance evaluation of the ballistic characteristics and accuracy of fire of Little John rocket /U/	1968
19690078552	Stress wave analysis in layered thermoviscoelastic materials by the extended Ritz method, volume 1 /U/	1968
19690078553	Avionics service acceptance trials of the F-4K airplane /U/ Final report, Apr. 1966 - Jun. 1968	1968
19690078554	Adaptation of a technique for predicting large solid rocket motor specific impulse from data obtained in micromotors /U/ Final report, Jul. 1965 - May 1968	1968
19690078556	A study of the representations of the group of canonical transformations	1968
19690078557	The mechanics of viscoelastic fluids Semiannual status report, 1 Jun. - 30 Nov. 1968	1968
19690078559	Investigation of sulphur as a structural material Final report, 30 Jun. 1967 - 31 Jul. 1968	1968
19690078560	Exploratory electromagnetic thruster research, phase 2 Semiannual report, 1 Feb. - 31 Jul. 1968	1968
19690078561	On the application of a thermodynamic constitutive equation to various nonlinear materials	1968
19690078562	Coaxial GaAs varactor diode Final report, 6 Mar. 1967 - 6 Sep. 1968	1968
19690078563	A fading-memory theorem for materials with internal variables	1968
19690078564	Support facilities and equipment for aircraft, missiles and space systems	1968
19690078565	Determination of network functions by topological method	1968
19690078566	Exponentially decaying pressure pulse moving with superseismic velocity on the surface of a half space of Von Mises elasto-plastic material Technical report, Oct. 1967 - May 1968	1968
19690078567	Development of a manufacturing process for fabricated diffusion bonded hollow blades Interim engineering progress report, 1 Aug. - 31 Oct. 1968	1968
19690078568	Manufacturing methods for dispersion - Strengthened copper Interim progress report, 15 May - 15 Aug. 1968	1968
19690078569	Machinability parameters on new and selective aerospace materials Interim engineering progress report, 1 Jun. - 30 Sep. 1968	1968
19690078570	In-place tube welding manufacturing technology Interim progress report, 1 Jul. - 30 Sep. 1968	1968
19690078571	Integrated solid state Ku-band source Interim technical report, 1 Jan. - 30 Jun. 1968	1968
19690078572	Automatic and semi-automatic test equipment	1968
19690078573	Investigation of the dynamic characteristics of a SNAP-29 fuel block configuration at hypersonic speeds Final report, 2 Oct. 1967 - 16 Jul. 1968	1968
19690078574	A compact method for symbolic computation of the Riemann tensor	1968
19690078575	Development of a speech amplifier system for protective masks Quarterly progress report, Apr. - Jun. 1968	1968
19690078576	Phototype production process for fabrication of wire and tubing by hydrostatic extrusion- drawing Interim engineering progress report, 1 Aug. - 31 Oct. 1968	1968
19690078577	Development of workability testing techniques Interim engineering progress report, 1 Oct. 1967 - 1 Oct. 1968	1968
19690078578	Automatic and manual integrated circuit test equipment	1968
19690078579	Study of spurious signal generation in microwave tubes Quarterly report, 9 Jul. - 8 Oct. 1968	1968
19690078580	Users' manual for the pathfinding importance number generator	1968
19690078581	The distribution of the sum of clipped waveforms in terms of the multivariate input amplitude distribution	1968
19690078582	Review of recent developments. Titanium and titanium alloys	1968
19690078583	Development of F-4 aircraft CSD independent oil system Interim report, 1 Jul. - 30 Sep. 1968	1968
19690078584	Determination of the gravity center of the earth and the major semiaxis of a general ellipsoid	1968
19690078585	Production engineering measure for type CR-/XM-60/U crystal units Quarterly report, Apr. - Jun. 1968	1968
19690078586	Research on a high energy non-aqueous battery system Quarterly progress report, 1 Jun. - 31 Aug. 1968	1968
19690078587	Performance evaluation of multiband telemetry receiver, Defense Electronics, Inc., Nems-Clarke model R-1074A-6	1968
19690078588	Microwave inspection of non-metallic production samples	1968
19690078589	Compressibility of nitrogen-hydrogen-ammonia mixtures at high pressures and temperatures	1968
19690078590	Chemical-technological investigation of the modified US Clean Burning Igniter powder CBI	1968
19690078591	Apollo LM ECS/THERMAL integrated analysis program - Volume 1 program no. HX107A users manual	1968
19690078592	Dielectric research on polyethylene at 24.3 GHz /gigahertz/ in the range from 211 deg K to 273 deg K	1968
19690078593	Research, development, test and evaluation of lightweight air transportable liquid oxygen/nitrogen storage tank designed for carrier suitability Interim report, Aug. - Sep. 1968	1968
19690078594	Humidity measurement with a scintillation probe	1968
19690078595	State of the art summary, gas turbine engine monitoring instrumentation Final technical report	1968
19690078596	A study on defining minimum weight two-stage deceleration systems for aerial recovery Technical report, Oct. 1966 - Dec. 1967	1968
19690078597	Review of the Dynamic Response Index /DRI/ - Phase report	1968
19690078598	Priming characteristics of powdered ignition charges	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078599	Development of improved cutting tool materials Interim engineering progress report, 16 Jun. - 15 Sep. 1968	1968
19690078600	Electron density distribution	1968
19690078601	Water vapor diffusion through protective coatings. Part 1 - A method of measuring water vapor permeability of coating films by radioisotope tracer technique and its application	1968
19690078602	Manufacturing methods and processes to produce difunctional perfluorinated monomers Interim report, 1 May - 31 Jul. 1968	1968
19690078603	Diffusion from doped oxides Final report, 15 Apr. 1967 - 15 Apr. 1968	1968
19690078604	Techniques for long-range holographic imaging Annual report	1968
19690078605	Low-temperature fluorine chemistry Final report, 1 Aug. 1967 - 31 Aug. 1968	1968
19690078606	Flame spread tests on foam plastic materials	1968
19690078607	Review of recent developments. Metal working	1968
19690078608	Lens-film image definition andensiometric analyses of aerial reconnaissance films	1968
19690078609	Transient state of the reflection of acoustic waves from a thick plate regime	1968
19690078610	Fluid state instrument pressure regulator Final report, Jun. 1967 - Feb. 1968	1968
19690078611	Reliability studies for advanced integrated circuits engineering change "A" Final technical report, 14 Feb. 1967 - 31 Mar. 1968	1968
19690078612	New methods for the determination of the sensitivity of solids of explosive characteristics to friction, percussion, and thermal stress	1968
19690078613	Study of helicopter gear lubrication Quarterly progress report, Jun. - Aug. 1968	1968
19690078615	Thermal stability of pentolite	1968
19690078616	The effect of long-range intermolecular forces on the drag of an oscillating disk and on the viscosity of gases Final report	1968
19690078617	Computed neutron flux at coalitude ranges in uniform sea-level air	1968
19690078618	Response of a cantilever beam to non-stationary and stationary excitation Summary report, Apr. 1967 - Mar. 1968	1968
19690078619	Tube failure mechanisms Quarterly report, 1 May - 31 Jul. 1968	1968
19690078620	What does "controlled avalanche" mean?	1968
19690078621	Protection of aircraft fluid systems Technical report, 1 May 1967 - 31 Mar. 1968	1968
19690078622	Large dynamic deformations caused by a force traveling on an extensible string Summary report, 1 Mar. 1967 - 31 Jan. 1968	1968
19690078623	Room temperature creep in Ti-6Al-4V Technical report, May 1967 - Feb. 1968	1968
19690078624	Analysis of F-111 blow-in door ejector nozzle Final report, Aug. 1967 - Feb. 1968	1968
19690078625	Fluidic circuits for accelerometer Final report, Jun. 1967 - Apr. 1968	1968
19690078626	An anomalous temperature dependence of the threshold in a quasi-cw ruby laser	1968
19690078627	Fine grinding with mechanically actuated impactors	1968
19690078628	Aerospace structural potential of beryllium, dispersion strengthened metals, and tantalum Technical report, Apr. - Aug. 1967	1968
19690078629	The use of weather satellite data in objective cloud analysis Final report, May 1967 - Jul. 1968	1968
19690078630	Analysis of some phenomena in dual-chamber, solid, maneuvering propulsion	1968
19690078631	The success attained in the study of the earth's figure in the USSR	1968
19690078632	Evaluation of an exhaust nozzle traversing rake system as an inflight thrust measuring device for an afterburning turbofan engine Final report	1968
19690078633	Review of aircraft gas turbine engine starting systems - Phase report	1968
19690078635	Evaluation of the KS-27C motion picture camera system Final report	1968
19690078637	Improved insulators for rocket motors /U/ Quarterly progress report, 1 Jun. - 31 Aug. 1968	1968
19690078638	Production engineering measure on laser-diode array /U/ Quarterly progress report, 1 Apr. - 31 Jul. 1968	1968
19690078639	Investigation of gelling-thickening agent to reduce settling of solids in uncured propellant /U/ Final report, 1 Mar. - 3 Aug. 1968	1968
19690078640	Application of a Digital High Definition Display /DHDD/ to active sonar classification /U/ Final report, 10 May 1967 - 11 Aug. 1968	1968
19690078641	Flight performance of lifting reentry spacecraft /U/	1968
19690078642	Some phenomenology, fundamentals, and problems of external burning for control /U/	1968
19690078643	A modified approach to side-force generation by external burning /U/	1968
19690078644	Feasibility study of a double-base propellant rocket motor for a hand-held ground signal /U/	1968
19690078646	Development of devices for power conditioning applications Quarterly progress report, 28 Jun. - 28 Sep. 1968	1968
19690078647	An analytical and experimental analysis in hydrostatic tension	1968
19690078648	Intermediate reactions of cyclohexyl hydroperoxide, cyclohexanol, and cyclohexanone on oxidation of cyclohexane in a glass reactor	1968
19690078649	Liquid rocket propulsion fuels	1968
19690078650	Dissipation of fog /denebulation/	1968
19690078652	Analysis of resins by means of paper chromatography	1968
19690078653	Integrated circuit techniques for radar display applications Final report, 1 Apr. 1967 - 30 Jun. 1968	1968
19690078654	Magnetohydrodynamic power generation state-of-the-art, June 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078655	The effect of the dissolution of mercury on measurements of the equation of state of compressed gases by the internal heating /Saurel/ method	1968
19690078656	Study-correlation of aerodynamic parameters with compressor erosion Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690078657	An investigation of the behavior of materials under high rates of deformation Technical summary report, Jul. 1966 - Dec. 1967	1968
19690078658	Boundary surface problems in the glass fiber-reinforced plastics	1968
19690078659	Propulsion technology, monthly survey no. 18	1968
19690078660	Manufacturing methods for light metal hydrides /U/ Interim engineering progress report, 1 Jan. - 31 Mar. 1968	1968
19690078662	Synthesis of solid fluorine oxidizers /U/ Quarterly technical progress report, 8 Jan. - 8 Apr. 1968	1968
19690078663	Air Force Rocket Propulsion Laboratory /U/ Semiannual progress report, Jul. - Dec. 1967	1968
19690078664	Air Force Rocket Propulsion Laboratory /U/ Semiannual progress report Jan. - Jun. 1968	1968
19690078665	A phased reflect-array radar. Predicted tracking capability /U/ Final report	1968
19690078666	Development of new high energy explosive compositions /U/ Annual progress report, 17 Jul. 1967 - 17 Jul. 1968	1968
19690078667	Development of new high energy explosive compositions /U/ Quarterly progress report, 17 Oct. 1967 - 17 Jan. 1968	1968
19690078669	A centrifugally operated spin-fin actuator for roll control /U/	1968
19690078670	Nuclear spin-lattice relaxation studies Final scientific report	1968
19690078671	Flight Reference Stabilization System /FRSS/ Technical report, 16 Feb. 1967 - 17 Apr. 1968	1968
19690078672	Isomorphism	1968
19690078673	Trends in thyristor development	1968
19690078674	Nanosecond RF pulses for waveguide fault-finding	1968
19690078675	Comparison of measured and calculated flow properties after the rotating cascades of a three-stage axial-flow compressor	1968
19690078676	Microextensometer with sensitive elongation measurement	1968
19690078677	Sodium, rubidium, and cesium ozonides	1968
19690078678	Four years of experience with polycarbonate	1968
19690078679	Sorption properties of activated carbon Quarterly progress report, Apr. - Jul. 1968	1968
19690078680	Ablation testing for tasks 3, 4, and 5 of the Re-Entry Systems Environmental Protection /RESEP/ in the AEDC 5-megawatt arc heater test unit Final report, 12 Nov. 1966 - 16 Feb. 1968	1968
19690078681	Methods to produce high modulus graphite yarn Final report, 9 Apr. 1967 - 9 Jun. 1968	1968
19690078682	Preliminary analyses applied to a portion of Holloman AFB rocket sled data on rain erosion materials	1968
19690078684	Cable materials for extreme environments Final report, 1 May 1966 - 31 Jul. 1968	1968
19690078686	Tailored response microwave filter for wide-bandwidth systems Research and development report, Aug. 1966 - Jul. 1968	1968
19690078687	Some wetting characteristics of fibrous media and high-density polyethylene	1968
19690078688	State-of-the art summary and requirements for advancement of technology of gas turbine regenerators	1968
19690078689	TF-9J escape system improvement program, evaluation of operational service suitability Interim report	1968
19690078690	Studies of photoemitters Interim technical report, 1 May - 31 Jul. 1968	1968
19690078691	The chemical and physical characteristics of pelletized thermite and similar reactive metal-metal oxide systems	1968
19690078692	Advanced electro-optical signal processing techniques Progress report, 1 Dec. 1967 - 31 May 1968	1968
19690078693	Analog simulation of satellite magnetic attitude stabilization	1968
19690078694	Test and evaluation of specialized material Quarterly report, 24 Aug. - 22 Nov. 1968	1968
19690078695	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Jun. - 20 Sep. 1968	1968
19690078696	Beta forging of titanium alloys	1968
19690078697	Tests of pyrotechnic seeding materials in Project Cold Cowl	1968
19690078698	Production engineering measure crystal unit CR-XM-56 Quarterly report, 1 Jun. - 31 Aug. 1968	1968
19690078699	Radiation of a random force field Final report, 1 Apr. 1967 - 30 Sep. 1968	1968
19690078700	Combustion characteristics of crystalline oxidizers Quarterly report, 1 May - 31 Jul. 1968	1968
19690078705	Surveillance evaluation of Talos booster Mk 11 Mods 2 and 5 /U/	1968
19690078706	Polarization agility effects study /U/ Final technical report, Jul. 1967 - Jun. 1968	1968
19690078707	Evaluation of a high-energy binder /U/ Quarterly report, 1 Jun. - 31 Aug. 1968	1968
19690078708	Effect of spin acceleration on burning rate of selected composite propellants subscale thrust-floated gyroscope /U/	1968
19690078709	Investigation of non-tubular wall regeneratively cooled thrust chamber concepts /U/ Technical report, 1 Apr. - 8 Jun. 1968	1968
19690078710	Research quarterly progress report, July - September 1967 /U/	1968
19690078711	Combustion tailoring criteria for solid propellants /U/ Technical report, 1 Jul. - 1 Oct. 1968	1968
19690078712	Gyro monitor system electronics for SABRE	1968
19690078713	Linear representation of sonar signals Research report, Jun. - Sep. 1967	1968
19690078716	The effect of some preparative conditions on the physico-chemical properties of aluminum oxide	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078717	Development of audio transducer helmet assembly Quarterly report, Apr. - Jun. 1968	1968
19690078718	Training pilots in the use of aeronautical charts - A conference report	1968
19690078719	Vacuum-air propulsion with a supplemental tube inlet Interim technical report	1968
19690078721	An investigation of the origin, age, and composition of meteorites Progress report, 1 Jul. - 31 Dec. 1968	1968
19690078722	Corrosion and compatibility	1968
19690078723	Atlas/Centaur-13 Surveyor-5 Final field report	1968
19690078725	Investigation of adrenaline secretion from the suprarenal glands	1968
19690078726	Apollo/Saturn 5 launch complex assessment report - Apollo 8	1968
19690078729	Reactive Asymmetry of Methyl Iodide - Crossed Beam Study of the Reaction of Rb with Oriented CH Sub 3 I Molecules	1968
19690078731	Research, development, and fabrication of prototype combustible fiber mandrels for rocket motor test firings	1968
19690078735	Target-signature measurements /U/ Final report, 1 Apr. 1966 - 31 Dec. 1967	1968
19690078736	Surveillance by means of a fluorescent tag activated by ultraviolet light /U/ Research and development report, Mar. 1967 - Mar. 1968	1968
19690078738	Demonstration of advanced post-boost propulsion subsystems /U/ Final report, 1 Jul. 1966 - 30 Apr. 1968	1968
19690078739	Applied LMH combustion /U/ Final report, 1 Oct. 1960 - 30 Apr. 1968	1968
19690078741	Combustion mechanism of low burning rate propellant /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19690078742	Two hundred sixty-inch motor reliability study Final report	1968
19690078743	Utilization of Habrobracon and Artemia as experimental materials in bioastronautic studies Status report, 1 Jun. - 31 Dec. 1968	1968
19690078744	Stress corrosion cracking of titanium alloys at ambient temperature in aqueous solutions Quarterly progress report, Jul. - Sep. 1968	1968
19690078745	Spacecraft operations configuration management plan for spacecraft facilities and related ground systems	1968
19690078746	Atlas/Centaur-16 - Orbiting Astronomical Observatory-2 Flash flight report	1968
19690078747	The eating and drinking habits of athletes	1968
19690078772	Ku-band pulse power amplifier Quarterly report, 1 Jun. - 31 Aug. 1968	1968
19690078773	Manned space flight network study program, April - June 1968. Space communications group Quarterly progress report, spring 1968	1968
19690078774	Decomposition and deflagration of ammonium perchlorate Progress report, Oct. 1967 - Mar. 1968	1968
19690078775	Apollo Block 2 SPS engine /AJ10-137/ environmental tests and Mod I-C bipropellant valve qualification tests, phase 6, part 1 Final report, 1 Feb. - 4 Apr. 1968	1968
19690078777	Surface characteristics of fine-particulate aggregates with special reference to specific surface area	1968
19690078778	Measurement of detonation velocities by an image converter tube	1968
19690078779	Test and evaluation of MacBeth TD-203A and Welch solid state densichron densitometers Final technical report	1968
19690078780	White Sands Missile Range climatography no. 2, Holloman site, WSMR	1968
19690078781	On a new differential rectification method	1968
19690078782	Optoelectronic switch array Quarterly report, 8 Aug. - 8 Nov. 1968	1968
19690078783	Geodetic astronomy	1968
19690078784	The gravitation field and inner structure of the earth	1968
19690078785	Evaluation of Texas Instruments Incorporated failure alarm monitor prototype model Phase report no. 2	1968
19690078786	Cost reduction by a new approach to analysis of bearing test demerit ratings for MIL-L-23699 type lubricants, phase A	1968
19690078787	The Princeton-Pennsylvania Army avionics research program Annual report, 1 Jun. 1967 - 30 Jun. 1968	1968
19690078788	Vortex ring solutions of axisymmetric propeller flow problems Annual report	1968
19690078789	High resolution acoustic antenna, phase 1 Final report	1968
19690078790	Simulation using nonlinear Kalman filtering Final report	1968
19690078791	Photocurrent compensation techniques for radiation hardening of integrated circuits Final report, May 1967 - Aug. 1968	1968
19690078792	Electron tube research Final progress report, 1 Dec. 1967 - 30 Mar. 1968	1968
19690078793	Metal-infiltrated tungsten rocket nozzle inserts for multiple firings Quarterly report	1968
19690078794	Physical and chemical properties of JP-4 jet fuel for 1967 Annual report, 1 May 1967 - 1 Jun. 1968	1968
19690078795	Collisions of slow negative ions with charge transfer	1968
19690078796	Relevant laboratory experiments	1968
19690078797	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 May - 31 Jul. 1968	1968
19690078798	Development of improved fluidic time markers Final report	1968
19690078799	Programming aids for computer of AN/AWG-9 airborne missile control system description of content, format, and use of each publication	1968
19690078800	Performance measurement techniques for adaptive process control Final report, 1 Sep. 1966 - 30 Apr. 1968	1968
19690078801	Guidelines for the establishment of optimal heat-treatment process parameters for slip cast fused silica components Special technical report no. 3, 17 Dec. 1966 - 16 Dec. 1967	1968
19690078802	Fluidic temperature control for liquid-cooled flight suits Final report, 30 Aug. 1967 - 30 Oct. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078803	Modeling effort for joint task force two tests 2.3/4.7 /low altitude navigation, penetration, target acquisition/	1968
19690078804	Dynamic testing of shock cord Technical report, 18 Sep. - 20 Oct. 1967	1968
19690078805	Grain size analysis with the slit ultramicroscope	1968
19690078806	Variable capacitance diode production engineering measures program Quarterly report, 18 Nov. 1967 - 17 Feb. 1968	1968
19690078807	Investigation of oxidic-type materials as high-temperature protective coatings for tungsten Final report, 1 Jul. 1966 - 29 Dec. 1967	1968
19690078808	Radioisotope power devices of the US Navy Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690078809	Auroral backscatter wavelength dependence studies Final report	1968
19690078810	Preliminary report on the thermodynamic properties of selected light-element and some related compounds	1968
19690078811	Defense missile systems	1968
19690078812	Development of an objective technique for ear protector attenuation measurements	1968
19690078813	Hypothesis testing with finite statistics	1968
19690078814	Variable Instruction Computer-2 /VIC-2/ - Concept definition for airborne command and control Final technical report, 7 Nov. 1967 - 1 May 1968	1968
19690078815	Aircraft compatibility and evaluation of the Mark 7 Mod 3 arresting gear Final report, 7 Jun. 1967 - 24 Jun. 1968	1968
19690078816	Analysis, design and strength studies of optimum high buoyancy systems for deep submergence applications Final report	1968
19690078817	Riemannian geometry as a field over another geometry	1968
19690078818	Production engineering measure on 1-watt, 2-gigahertz silicon transistor Quarterly progress report, 26 Jul. - 25 Oct. 1968	1968
19690078819	System effectiveness demonstration and validation techniques Final report	1968
19690078820	Research on composite tape laying process for advanced fibrous reinforced composite structures Quarterly report, 1 Nov. 1967 - 31 Jan. 1968	1968
19690078821	Performance tests on CH-3E helicopter with the T58-GE-5 engines Final report	1968
19690078822	An experimental study of high surface mass transfer on a flat plate in a supersonic stream Final report, Feb. 1967 - Aug. 1968	1968
19690078823	A frequency scanning Fabrey-Perot laser Q-switch	1968
19690078824	Theory and operation of the IITRI pressure- time gages in the 20 to 200 kilobar region	1968
19690078826	Reconstruction of phototheodolite-camera stations in taking repeated photorecords	1968
19690078827	Strengthening of copper with continuous tantalum filaments	1968
19690078828	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report, 1 Jun. - 31 Aug. 1968	1968
19690078829	Response of plates subject to energy deposition by MCDIT-2 - A method of characteristics code Final report, Nov. 1967 - Oct. 1968	1968
19690078830	Evaluation of two IDCSP/A spacecraft Apogee	1968
19690078831	The synthesis of HTPB prepolymers by an anionic polymerization method	1968
19690078832	Manufacturing technique for low-temperature silicon deposition Interim engineering report, 1 Aug. - 31 Oct. 1968	1968
19690078833	Comparison of Schlieren and radiation observations of the far wake of hypervelocity spheres Final report, Nov. 1967 - Mar. 1968	1968
19690078834	High-frequency, high-power transistor linear amplifier design	1968
19690078835	Force tests on a slotted Delta wing with varying leading-edge camber at supersonic Mach numbers Final report, 20-28 Aug. 1968	1968
19690078836	Image interpretation center AN/MSQ-68 /mission review module/ Final report, 26 Aug. 1963 - 1 May 1967	1968
19690078837	Advanced concepts of microwave generation and control in solids Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19690078838	Secondary emission anode crossed-field amplifier Final report, 14 Mar. 1967 - 14 May 1968	1968
19690078839	Recommended changes at the space defense center to accommodate increased data processing capability at spacetrack sensors	1968
19690078840	Analysis of a forced limit-cycling regulator	1968
19690078841	An experimental investigation of the vortex sink angular rate sensor	1968
19690078842	Experimental design for control of the hydrazine oxygen fuel cell	1968
19690078843	Characterization of macroporous media /Tyvek/ for vapor transmission	1968
19690078844	Low-noise receivers which utilize image frequency energy	1968
19690078845	New designs for the construction of photogrammetrical instruments, with special regard to the stereotrigomat	1968
19690078846	An investigation of a phase interference passive network	1968
19690078847	Navigation accuracies using satellites	1968
19690078848	Poseidon semiconductor captive line process development Progress report, 16 Sep. - 15 Nov. 1968	1968
19690078849	Research on beam stopping due to self-magnetic compression Final report, 15 Nov. 1967 - 15 Aug. 1968	1968
19690078850	Evaluation of nylon tricot knit fabric vs 1.1 oz woven nylon for parachute construction	1968
19690078851	Engineering evaluation of SV-1 and SV-2 survival vests with MK-BC life preserver retention system incorporated Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078852	Regenerators in cryogenic refrigerators Final report	1968
19690078853	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Interim engineering report, 20 Jun. - 20 Oct. 1968	1968
19690078854	Mechanical-property data Ti-6 Al-4 V-3 CO	1968
19690078855	Ku band semiconductor T-R device production engineering measures program Quarterly progress report, 27 Jul. - 27 Oct. 1968	1968
19690078856	Initiation of detonation in solid propellants	1968
19690078857	Solid-composite-rotor motor, alternating current Final report, Dec. 1966 - Dec. 1967	1968
19690078858	FM receiver self-test circuit	1968
19690078859	Flight testing of the P-3C inertial navigation system Technical report, 10 Nov. 1967 - 10 May 1968	1968
19690078860	Crack growth in unidirectional composites under repeated loadings	1968
19690078861	Ultrasonic receiver and transmitter Final report	1968
19690078862	Research on electro-optic crystals for display systems Final technical report, Jul. 1967 - Jul. 1968	1968
19690078863	High temperature synthesis study Final technical report	1968
19690078864	Production implementation of high-energy impact rubber forming Quarterly report	1968
19690078865	Polarization effects in basic SOI	1968
19690078866	Seismic system studies Quarterly report, 12 May - 11 Aug. 1968	1968
19690078867	Manufacturing process for superalloy cast parts. Phase 1 - Fundamentals	1968
19690078868	Ammonia electrochemical systems Final report	1968
19690078869	The capabilities of electron beam - Semiconductor active devices	1968
19690078870	Broadband infrared detector Interim report, 1 Apr. - 30 Jun. 1968	1968
19690078871	Seventy millimeter chip camera Final technical report	1968
19690078872	Threshold elements and the design of sequential switching networks Final report, Mar. 1967 - Jun. 1968	1968
19690078873	Some new proposals concerning mechanical projection computers for photogrammetric two image map plotting instruments	1968
19690078874	The assessment of color as a sonar display parameter extension of the dynamic range of color Summary report	1968
19690078875	FE guidance and its application to the ELDO launcher vehicle	1968
19690078876	A set of autocode routines for graph plotting	1968
19690078877	Airborne and ground telemetry. Constant bandwidth voltage controlled oscillators TEX-3024A Final report	1968
19690078878	Mixer-amplifiers - TEX-3238A and TEX-3238B Final report	1968
19690078879	Tube failure mechanisms Quarterly report, 1 Aug. - 31 Oct. 1968	1968
19690078880	IR system design nomographs	1968
19690078881	Research on mechanism of the thermooxidative degradation of new high temperature polymers	1968
19690078883	Experimental system for automatically positioning a microwave supported platform Final report, May 1966 - Jun. 1968	1968
19690078885	Computer display feasibility study for flight performance optimization Final report, 3 Jan. - 1 Jul. 1968	1968
19690078886	Development of avalanche oscillators at 10 GHz and 18.3 GHz Quarterly report, 23 Jun. - 22 Sep. 1968	1968
19690078887	Communication system signal attenuation for simple reentry vehicle models	1968
19690078891	Some effects of compound configuration asymmetries on the three-degree-of-freedom motion of a spinning slender cone as obtained from wind tunnel measurements at Mach 10 Final report, 10 Apr. - 1 Jul. 1968	1968
19690078892	Deformation processing of anisotropic metals Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690078893	Analysis of configuration /sonic boom studies/	1968
19690078894	A survey of millimeter wavelength radio propagation through the atmosphere	1968
19690078895	Telemetry link performance for AIMP-D and -F from January 1, 1968 through May 29, 1968	1968
19690078896	The ball spiral gear in the stereotrigomat	1968
19690078897	On the collision mechanism of biomolecular reactions. Part 1. Theory and experimental method for the determination of the velocity spectrum of products from simple H- transfer reactions of the type XPLUS plus H2 yields XHPLUS plus H	1968
19690078898	Advanced array research Quarterly report, 1 Sep. - 30 Nov. 1968	1968
19690078899	Nike-Hydac 9.5-68-4-604 /17 October 1968/ Meteorological data report	1968
19690078900	Lance 06802, missile no. 1102, round no. 62 RPT /18 October 1968/ Meteorological data report	1968
19690078901	Balance for measuring skin friction in the presence of ablation Final report	1968
19690078902	A computer program for infrared system analysis	1968
19690078903	Integrated circuit techniques for visible light emitting diodes radar display system Quarterly report, 1 May - 31 Jul. 1968	1968
19690078907	Pyrolytic refractory materials for spacecraft thrust chambers - Composite fabrication investigation Technical report, 23 Mar. 1967 - 22 Jul. 1968	1968
19690078908	Nike-Hydac 9.5-68-5-604 /22 October 1968/ Meteorological data report	1968
19690078909	Research study of a CO sub 2 laser radar transmitter Final technical report, 1 Nov. 1966 - 15 Aug. 1968	1968
19690078910	Stress-corrosion and corrosion-fatigue susceptibility of high-strength aluminum alloys Progress report, 15 Jun. 1967 - 30 Jun. 1968	1968
19690078911	Powder metallurgy and infiltration technology of self-cooled tungsten rocket nozzles Interim engineering progress report, 15 Apr. - 15 Jul. 1968	1968
19690078912	VHF and UHF transistor transient investigation Final report, 29 Mar. - 14 Aug. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078913	Theory of ignition of a reactive solid by constant energy flux	1968
19690078914	Study of airborne millimeter radar techniques Quarterly report, 21 Oct. 1967 - 21 Jan. 1968	1968
19690078915	Electron spectroscopy for chemical analysis	1968
19690078916	Nike-Hydac STV, SR-077 /24 October 1968/ Meteorological data report	1968
19690078917	Computers analysis of spectral data Quarterly progress report, Jul. - Oct. 1968	1968
19690078918	Aerospace density vertical probe launch report /three vehicles launched 4 September 1968 GMT/ Final report	1968
19690078919	Delta-56 - Geodetic Earth Orbiting Satellite /GEOS-B/ Final flight report	1968
19690078920	Apollo/Saturn 5 test and checkout plan. Volume 1 - Space vehicle AS-503	1968
19690078921	TOS-F Delta 62 KSC-WTROD operations summary	1968
19690078922	Evaluation of silicon diode, 1N3071, APN 11076506. Test evaluation report	1968
19690078923	Failure analysis of Minuteman integrated circuit failures Final report, 20 Feb. 1967 - 17 Feb. 1968	1968
19690078924	Normalized image correlation functions	1968
19690078925	Medium precision electronic ignition delay element /delay squib/	1968
19690078926	Solid state indicator Final report, 7 Aug. 1967 - 9 Apr. 1968	1968
19690078927	Production engineering measures program for a pulsed 1 kW Ku band tunable coaxial magnetron Quarterly report, 12 Apr. - 30 Aug. 1968	1968
19690078928	Plasma discharge phenomenon used as a display medium Interim report	1968
19690078929	Cleaning and chemical treatment of aircraft surfaces to provide optimum cleaning properties Annual summary report, 23 Oct. 1967 - 23 Oct. 1968	1968
19690078930	Short-period multicomponent strain system Quarterly report, 1 Sep. - 30 Nov. 1968	1968
19690078931	Review of recent developments - Mechanical properties of metals	1968
19690078932	United States government metal working processes and equipment program Status report number 9	1968
19690078933	Stability coefficients of a slowly rolling cone at Mach number 10 Final report, 1-31 Jan. 1968	1968
19690078934	Research on improved epoxy resins Final report, 1 May 1963 - 31 Oct. 1968	1968
19690078935	AN/ARC-142 radio set Interim engineering report, 1 Feb. - 30 Apr. 1968	1968
19690078936	Manufacturing development program to fabricate high-strength small-diameter rocket motor cases Interim technical report, 1 Dec. 1967 - 27 Oct. 1968	1968
19690078937	A six-channel digital time-delay generator using integrated circuits	1968
19690078938	Engineering evaluation test procedure for Sprague P/N600D506X050DE0 capacitor, aluminum, electrolytic	1968
19690078940	Computer optimization and characterization of a nitroplastisol propellant containing silver iodate /Alecto/ Technical report, 4 May - 9 Jul. 1965	1968
19690078941	Persistence of nuclei in the Santa Barbara test area, 1967-1968 winter season Final report	1968
19690078942	Advanced study of a position and azimuth determining system Final report	1968
19690078943	A comparison of talc and titanium dioxide as erosion reducers	1968
19690078944	Vortex interactions in a propeller wake Annual report	1968
19690078945	Hydrothermal growth of single crystals Technical report, 15 Oct. 1967 - 15 Sep. 1968	1968
19690078946	Adhesive fracture using large plate deflections	1968
19690078947	Ultra-reliable VHF-FM receiver-transmitter Quarterly report, 10 Mar. - 10 Jun. 1968	1968
19690078948	An instrumented array for underwater measurement of alternating magnetic fields	1968
19690078949	Interpretation of the response of elastic systems to flow induced excitation	1968
19690078950	A new approach to tactical aircraft-satellite communications	1968
19690078951	The computational effects of model structure in mathematical programming	1968
19690078952	Evaluation testing of protective coatings on refractory metals Interim report, 29 Aug. 1966 and 31 Aug. 1968	1968
19690078955	Analysis of some nitrocellulose propellants by single-sweep polarography /U/	1968
19690078959	Theoretical effects of dome-array spacing on the electrical impedance of an AN/BQS-6 transducer element surrounded by three guard rows /U/	1968
19690078960	Investigation of the thermodynamic properties of propellant ingredients /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690078961	Establish manufacturing process for energetic propellant binder /U/ Interim engineering progress report, 15 May - 15 Aug. 1968	1968
19690078965	Standard arm /U/ Technical progress report	1968
19690078966	Study of liquid quench for impulse control of solid motors /U/	1968
19690078967	Development and test of a highly energetic Domino propellant /U/ Quarterly progress report, 1 Jun. - 31 Aug. 1968	1968
19690078968	High density, high temperature binders for solid propellants /U/ Quarterly progress report, 1 May - 31 Jul. 1968	1968
19690078970	Remote intelligence acquisition study /U/ Final technical report, 1 Dec. 1965 - 15 Nov. 1967	1968
19690078971	Airborne reconnaissance magnetometer system /U/ Final report supplement, Mar. - Apr. 1968	1968
19690078972	Reduction of aircraft visibility - A review and assessment /U/ Final report, 1 Feb. - 30 Apr. 1968	1968
19690078975	Research on plume-signal interference /U/ Final report, 5 Jun. 1967 - 4 May 1968	1968
19690078976	Independent research on Naval weapon systems and independent exploratory development programs fiscal year 1968 /U/ Annual report	1968
19690078977	Low speed scramjet parametric engine data /U/	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690078978	Production of a packageable oxidizer /U/ Quarterly technical summary report, 1 Jun. - 31 Aug. 196,	1968
19690078979	Numerically computed space-time correlations for passive scalars /U/	1968
19690078983	Development of a three-stage 60-18 mm variable magnification image intensifier /U/ Quarterly technical report, 1 Nov. 1967 - 31 Jan. 1968	1968
19690078984	High-density satellite surveillance techniques /U/ Final report	1968
19690078989	Demand mode integral rocket ramjet /U/ Quarterly progress report, 1 Jun. - 31 Aug. 1968	1968
19690078992	P-3A/B aircraft navigation system evaluation and improvement study /U/	1968
19690078993	Compatibility of selected binder prepolymers and curing agents with oxidizers /U/ Technical report, 1 Nov. 1967 - 1 Jul. 1968	1968
19690078994	Synthesis of solid fluorine oxidizers /U/ Technical progress report, 8 Jul. - 8 Oct. 1968	1968
19690078996	Evaluation and optimization of fluorocarbon binders /U/ Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690078998	The influence of particle size on hydrocarbon-air detonation /U/	1968
19690078999	Army Propulsion Laboratory and Center /U/ Technical status report, Jul. - Sep. 1968	1968
19690079003	Plasma physics and quantum electronics Quarterly status report, 1 Jul. - 30 Sep. 1968	1968
19690079004	Array modulation techniques Final report, 25 Nov. 1966 - 15 May 1968	1968
19690079005	Evaluation of aerial survey images with modified image width in standard two-image map plotting instruments	1968
19690079006	Test of the water electrolysis subsystem atmosphere regeneration system Summary report, May - Oct. 1968	1968
19690079007	Gravimeter measurements in 1965 on the European gravimeter calibration line - Gravimetric tie measurement. Bad Harzburg to Potsdam	1968
19690079008	Movements of the pole	1968
19690079009	On the Geodetic Reference System 1967	1968
19690079010	Japan science and technology, number 48	1968
19690079011	Study of the role of proprioception in the coordination of locomotion Progress report, 1 Jan. - 31 Dec. 1968	1968
19690079012	Bonding and flow properties of liquid squeeze films	1968
19690079013	Radiobiology and radiation hazards	1968
19690079014	The reinforcement of plastic	1968
19690079015	Thrust reproducibility of small liquid engines /U/	1968
19690079016	Synthesis of fluorodinitroethoxy-1,3,5- triazine compounds /U/	1968
19690079017	Investigation and feasibility demonstration of a variable area throat nozzle system /U/ Final report	1968
19690079018	Manufacturing methods for light metal hydrides /U/ Interim engineering progress report, 1 Apr. - 30 Jun. 1968	1968
19690079019	Secure infrared communicator /U/ Final report, May - Sep. 1968	1968
19690079020	Research on operational slurry fuels /U/ Final report, 3 Apr. 1967 - 3 Jun. 1968	1968
19690079021	Evaluation of Arcocel 332A and Hercules VIY solid-propellant grains in BATES rocket motors /U/ Final report	1968
19690079024	Flueric S and A device /U/ Final report	1968
19690079025	Service life test on the M46 rocket motor. Phase 8 - /AIM 4F/4G missiles/ /U/	1968
19690079026	Flight test final evaluation report /U/	1968
19690079027	Research, development, and large-scale application of temperature-independent double-base propellants - A brief survey and history /U/	1968
19690079028	Development of a covert infrared night photographic reconnaissance capability for RA-5C aircraft /U/ Final report	1968
19690079030	Sidewinder Expanded Acquisition Mode /SEAM/ /U/ Final report	1968
19690079034	A survey of gas-generator propellants covering period 1964 to 1968 /U/	1968
19690079035	Translations on French nuclear, missile, space, and related military developments, number 168	1968
19690079036	Cytochemical studies of planetary microorganisms - Explorations in exobiology Status report, 1 Apr. - 30 Sep. 1968	1968
19690079037	Development of sensitive infrared detectors for space research Status report, period ending 30 Nov. 1968	1968
19690079038	Shock waves in materials with nonlinear instantaneous response Interim technical report	1968
19690079039	Effect of spectral reflectance of targets and backgrounds on design of military optical sights /U/	1968
19690079040	A prototype strategy for aircraft development /U/	1968
19690079044	High energy plasticizers /U/ Quarterly report, Jan. - Mar. 1968	1968
19690079046	Wind tunnel investigation of the roll characteristics of reentry vehicle configurations at M sub infinity equals 6 /U/	1968
19690079047	Evaluation of high-energy plasticizer /U/ Quarterly report	1968
19690079049	Night vision goggles /U/ Quarterly report, 1 Oct. - 31 Dec. 1967	1968
19690079051	Production engineering measure on laser-diode array /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19690079052	TOW helicopter /U/ Quarterly technical report, Jan. - Mar. 1968	1968
19690079053	Characterization of C-283X propellant /U/	1968
19690079054	Advancement of a high specific impulse-density packageable liquid propellant oxidizer /U/ Final technical report, 1 Apr. 1967 - 31 Mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079055	Explosive hazards of composite solid propellants /U/	1968
19690079056	Combustion effects on base pressure in supersonic flight and applications /U/	1968
19690079057	A route for continuous production of an NF polymer /U/	1968
19690079058	Research and development toward a castable, temperature-resistant plastic bonded explosive /U/ Final report, Jan. 1967 - Feb. 1968	1968
19690079059	Development and analysis of modified paired comparisons by use of linearized nonlinear regression	1968
19690079072	Evaluation testing of protective coatings on refractory metals Quarterly report	1968
19690079074	Study of minimum pressure loss in high velocity duct systems Quarterly report	1968
19690079075	Simulating comet orbits with an N-body program	1968
19690079076	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments	1968
19690079077	Propulsion Development Department review. Part 4 - Liquid and air-breathing propulsion, April - June 1968 /U/	1968
19690079078	Digital mechanization of a discretely adaptive flight control computer. Part 2 - Simulation test program results /U/ Final report, Jan. 1967 - Jan. 1968	1968
19690079079	Generalized kickstage study. Volume 3 - Appendix 2 /U/ Final report	1968
19690079080	[No Title]	1968
19690079082	Advanced maneuvering propulsion technology program /U/ Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968
19690079083	Effect of inert additives on the failure diameter and card gap of propellants /U/	1968
19690079084	Process studies of the preparation of NHC /U/	1968
19690079086	Monoppler reverberation, algorithm study /U/ Final engineering report	1968
19690079087	Wall corrections to longitudinal components measured on wind tunnel models with tails	1968
19690079088	A piloted simulator study of a slender wing research aircraft /HP 115/	1968
19690079089	A brief account of some unrecorded techniques for flow visualization in flight for locating /a/ boundary layer transition at altitude, /b/ shock-wave position	1968
19690079090	Production engineering of ferrite powder by fluid bed technique Quarterly report, Jul. - Sep. 1968	1968
19690079091	Field evaluation of pyrotechnic cloud seeding devices at Lemmon, South Dakota, 17-21 July 1967	1968
19690079092	Reliability prediction and demonstration for ground electronic equipment Final report, 24 Apr. 1967 - 24 May 1968	1968
19690079093	Performance analysis of the AN/ARR-52 receiver /U/	1968
19690079095	Coder decoder group AN/GPA-122 /U/ Final report	1968
19690079097	Packaged Liquid Air Augmented Rocket /PLAAR/ /U/ Quarterly progress report, 1 Jul. - 27 Sep. 1968	1968
19690079098	Manufacturing methods for light metal hydrides /U/ Final technical report, 1 Jul. 1967 - 30 Sep. 1968	1968
19690079099	Process improvements in DFU, tetrafluorohydrazine, and TVOPA /U/ Final technical report, Jun. 1966 - Jun. 1968	1968
19690079102	Sound pressure levels and spectra from firing a class of Soviet rockets /U/	1968
19690079104	Guidance system operations plan for manned LM earth orbital and lunar missions using Program LUMINARY. Section 3 - Digital autopilot	1968
19690079105	Guidance system operations plan for manned LM earth orbital and lunar missions using Program LUMINARY. Section 6 - Control data	1968
19690079108	Turbulent diffusion of small particles Quarterly progress report, Jul. - Sep. 1968	1968
19690079109	Experiments on a shock tunnel augmented by a magneto-hydrodynamic nozzle accelerator Final report, 1 Jan. 1967 - 1 Jul. 1968	1968
19690079110	Ultrasonic face bond reliability study Final technical report, Nov. 1966 - Jun. 1968	1968
19690079111	Solid state optical mosaic sensor Final technical report, 20 Jun. 1967 - 31 Jul. 1968	1968
19690079112	Manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering progress report, 1 Aug. - 31 Oct. 1968	1968
19690079113	Passive film components for silicon integrated circuits Final report, 1 Mar. 1967 - 30 Apr. 1968	1968
19690079114	Helicopter hook extension equipment for external lift operations Interim report	1968
19690079115	Apollo Saturn space vehicle - POGO analysis	1968
19690079116	Advanced pyrolytic spacecraft thrust chamber materials Quarterly progress report, 22 Jul. - 22 Oct. 1968	1968
19690079119	Design criteria for system effectiveness, volume 1 Final report	1968
19690079120	Design criteria for system effectiveness, volume 2 Final report	1968
19690079121	Radome investigation for standard ARM seeker, volume 1, /U/ Final engineering report, Jun. 1967 - 25 Apr. 1968	1968
19690079122	Development of AN/TPQ-10 antenna /U/ Final report	1968
19690079126	STOL light intratheater transport study. Volume 1 - Summary /U/ Final report	1968
19690079127	STOL light intratheater transport study. Volume 2 - Design. Part 1 - Configuration and propulsion /U/ Final report	1968
19690079128	STOL light intratheater transport study. Volume 2 - Design. Part 2 - performance, stability and control /U/ Final report	1968
19690079129	STOL light intratheater transport study. Volume 2 - Design. Part 3 - Structures and weights, subsystems and logistics /U/ Final report	1968
19690079130	STOL light intratheater transport study. Volume 3 - Cost and planning. Part 1 - Cost and schedules. Part 2 - Technology plan /U/ Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079131	Phase 2 HEUS motor Monthly letter status report, 23 Oct. - 22 Nov. 1968	1968
19690079132	Biology and engineering of space and planetary life systems Annual report, period ending 31 Aug. 1968	1968
19690079133	Stagnation region solutions for the viscous shock layer at intermediate and low Reynolds numbers Annual report, Jan. - Dec. 1967	1968
19690079134	Physical and biochemical changes occurring in bone as a result of gravity counteraction Semiannual report, 1 Dec. 1967 - 31 May 1968	1968
19690079135	Buckling investigation of the LM adapter spacecraft	1968
19690079142	Test report for 12-inch flexible metal hose, Anaconda Metal Hose Corp. part no. 83501-102	1968
19690079144	Lunar surface optical environment and experiment package Semiannual status report	1968
19690079145	A study of phycophysiology in controlled environments and supplementary task 1, the yeast satellite experiment Semiannual status report, 31 Mar. - 1 Oct. 1968	1968
19690079146	Ultrasonic simulation of Apollo radar cross-section Final report	1968
19690079147	Inertial components reliability and population statistics	1968
19690079148	Further contribution to determination of pollutants in liquid oxygen for aviation purposes	1968
19690079149	Research on optical instrumentation suitable for incorporation in an orbiting astronomical observatory Interim progress report, 1 Sep. - 30 Nov. 1968	1968
19690079150	A numerical method for calculating unsteady two-dimensional laminar boundary layers	1968
19690079153	Design and development of an airborne acquisition/telemetry system Final report, Dec. 1968	1968
19690079155	Pretreatments for finishing titanium alloys	1968
19690079157	Laser mapping of bomb debris atmospheres - Program LaMBDA Final report, Jun. 1965 - Sep. 1967	1968
19690079158	Application of human retention models to hypothetical and empirical particle distributions of aerospace debris	1968
19690079159	Encapsulating systems for occasionally and continuously submerged electric motors Final report	1968
19690079160	The viscosity of water at high pressure and moderate temperature	1968
19690079161	Energetic binder production /U/ Final technical report, 1 Mar. 1967 - 1 Aug. 1968	1968
19690079163	High-chamber-pressure test firing of a wire-wound tungsten throat insert nozzle /test nozzle no. 1/ /U/	1968
19690079164	High-chamber-pressure test firing of a wire wound tungsten throat insert nozzle /test nozzle no. 2/ /U/	1968
19690079165	Thrust vector control system study for a large liquid booster /U/ Technical report, 15 Mar. - May 1968	1968
19690079167	Development of a practical HAP/LMH-1 propellant /U/ Final report, 16 Apr. 1967 - 31 Aug. 1968	1968
19690079170	Demonstration of bipropellant gas generator technology for air augmentation applications /U/ Final report, 15 Jun. 1967 - 1 Jul. 1968	1968
19690079171	Design, fabrication and test of an electron beam welded titanium box beam	1968
19690079172	Inertia tests of a 24 foot single keel parawing model 1	1968
19690079173	Experimental investigation of capillary propellant control devices for low gravity environments Quarterly progress report, 2 May - 31 Jul. 1968	1968
19690079174	Experimental investigation of capillary propellant control devices for low gravity environments Interim report, 2 May - 31 Dec. 1968	1968
19690079176	Development of geodesic instruments in USSR	1968
19690079177	Evaluation of Humble 2389 /MIL-L7808G/ lubricating oil for comparison to the requirements of specification MIL-L-23699A Phase report, Jul. - Sep. 1967	1968
19690079178	Polarographic study of mechanisms of oxidation of aliphatic amines and sulfides Final report, May 1966 - Dec. 1967	1968
19690079179	ElectroMagnetic Compatibility Operational System /EMCOPS/ - Task 3B, subsystem implementation	1968
19690079180	Application of optical pumping techniques to studies of geomagnetic gradients - The particular case of "seaside" effect	1968
19690079181	Development of a technique for sampling the boundary flow gases in rocket motors Progress report, 10 Feb. - 10 Jul. 1968	1968
19690079182	Development of a technique for sampling the boundary flow gases in rocket motors Progress report, 10 Nov. - 10 Dec. 1968	1968
19690079184	Advanced gallium arsenide technology Final report, 1 Feb. 1967 - 31 May 1968	1968
19690079185	Generalized model analysis of integrated circuit vulnerability Quarterly report, 1 May - 31 Jul. 1968	1968
19690079186	Comparison of visible and near-infrared night photography at a 4000 foot range Interim technical report, Feb. 1967 - Mar. 1968	1968
19690079187	Investigation and evaluation of methods for pulse rise-time measurement Final report, Jan. 1967 - Feb. 1968	1968
19690079189	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen Quarterly progress report, period ending 31 Dec. 1968	1968
19690079191	Test report for pressure switch, Meletron Corporation, part number M7141EB-32A-1	1968
19690079192	Research in aeronomy Progress report, 1 Apr. - 30 Sep. 1968	1968
19690079193	Survey of manufacturers of film circuitry	1968
19690079194	MWRT program modification Final report, 10 Jul. 1967 - 10 Jul. 1968	1968
19690079195	High power modulator techniques /SCR/ Final report, 28 Nov. 1967 - 30 Jul. 1968	1968
19690079196	Life test program for X band 35 watt traveling-wave tube satellite amplifier Final report, 31 Oct. 1965 - 31 Mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079197	A mathematical model for measuring the dissemination of aerosol particles in toxic clouds Technical memo, Jun. - Aug. 1967	1968
19690079198	Objective and dynamic analyses of tropical weather Semiannual report, 18 Mar. - 18 Sep. 1968	1968
19690079199	Cargo restraint net for helicopters Interim report	1968
19690079200	Computerized techniques for the manufacture of integrated electronic systems Final technical report, 15 Apr. 1967 - 15 May 1968	1968
19690079201	Research and development of nondestructive testing techniques for composites Final technical report, 1 Jul. 1965 - 15 Jun. 1968	1968
19690079202	Corrosion and compatibility - Review of recent developments	1968
19690079203	Phenomenological investigations of stress-relief embrittlement	1968
19690079204	Metallurgical Analysis of LOX Prevalve Actuator Belleville Spring Disk Failures	1968
19690079205	Evaluation of bonding procedure for anti-friction plates	1968
19690079206	Testing of 321/347 CRES LOX fill and drain elbow	1968
19690079210	Some comments on the structure of stereomap plotting instruments	1968
19690079211	Manufacture of large precision-cast dies for heated die forging of titanium alloys Interim engineering progress report, 16 Jul. - 15 Oct. 1968	1968
19690079212	Vibration measurements by laser interferometer system	1968
19690079213	A feasibility study of the analysis of asymmetric shells by the discrete-element method	1968
19690079214	Further development of an electronically controllable microwave window Quarterly report, 27 Jul. - 27 Oct. 1968	1968
19690079215	Blackbody radiation, photon emission, and the calculation of Debye functions Final report, Apr. 1967 - May 1968	1968
19690079216	Optimum forming processes and equipment necessary to produce high quality, close tolerance titanium alloy parts Final technical report, 1 Jun. 1966 - 30 May 1968	1968
19690079217	Study of the fatigue characteristics of a typical fighter main landing gear Final report	1968
19690079218	Investigation of air-augmented rocket combustion and mixing processes Final technical report, Sep. 1966 - Jul. 1968	1968
19690079219	Lance tactical prototype weapon system environmental tests	1968
19690079220	Aerospace bearing-analytical investigation, phase 3 Final report, Jan. - Sep. 1967	1968
19690079221	UHF same frequency research repeater Final report	1968
19690079222	Applied optics research Annual report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690079223	Flow through micro-openings Final report, 1 Jul. 1966 - 31 Dec. 1967	1968
19690079224	X-band CW generator development	1968
19690079225	Development of a broadband S-band amplifier Quarterly reports, 1 Jan. - 30 Jun. 1968	1968
19690079226	Dimensional changes in foamed FLSC ordnance carrier	1968
19690079227	Review of experimental methods of investigation of electron beams	1968
19690079228	Digital control computer Sava	1968
19690079229	Ceramic refractory coating	1968
19690079230	UHF multilayer acoustic filter Technical report, 21 Dec. 1967 - 21 Jul. 1968	1968
19690079231	Mass-spectrometric studies of graphite vaporization at high temperatures Quarterly technical report, 1 Jul. - 1 Oct. 1968	1968
19690079232	Direct optical readout, transmission, and demodulation at high data rates Final report, 1 Feb. - 31 Aug. 1968	1968
19690079233	Application of radar to measurement of surface precipitation Semiannual report, 1 Sep. 1967 - 28 Feb. 1968	1968
19690079234	Solid state microwave surveillance radiosonde sources Final report, 1 Jun. 1967 - 30 Sep. 1968	1968
19690079235	The BCS theory and the possibility of superconduction at room temperature	1968
19690079236	Solution of temperature fields of gas turbine parts by the electrical analogy method	1968
19690079237	Technical evaluation of hybrid couplers Final report	1968
19690079238	Reliability prediction and demonstration for missile and satellite electronics Final report, 27 Apr. 1967 - 24 May 1968	1968
19690079239	Guidance system operations plan for manned LM earth orbital missions using Program SUNDANCE /revision 306/. Section 5 - Guidance equations /revision 2/	1968
19690079240	Cryogenic research and development Progress report for period ending 31 Dec. 1968	1968
19690079241	Professional and technical services in biomedicine research Final report	1968
19690079242	Thirty-watt metal hydride/air fuel cells system	1968
19690079243	Synchronous amplitude modulation of a multimode ring laser	1968
19690079244	Performance and sensitivity of active and passive sonar systems. ASW sonar technical report	1968
19690079245	Fuel cell reliability assessment Summary report	1968
19690079246	Metallization failures in integrated circuits Final report, 28 Dec. 1966 - 27 Apr. 1968	1968
19690079247	Air defense aerodynamics design investigations Final report, 1 Jun. 1967 - 31 Oct. 1968	1968
19690079249	Source distance dependence of surface impedance conductivity measurement technique	1968
19690079250	Derivatographic investigation of synthetic zeolites, 2	1968
19690079251	Study of the structure of radicals by electronic spectroscopy	1968
19690079252	Stable combustion in tubular-grain rocket engines	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079253	Basic research in thermionic energy conversion Technical summary report, 1 Aug. 1967 - 31 Jul. 1968	1968
19690079254	A criterion for plastically induced cleavage after general yield in notched bend specimens	1968
19690079255	Test and evaluation of the CONSARC-25 light source Final report	1968
19690079256	Evaluation of oils for porous bearings	1968
19690079257	Analysis of sources of pulse radio interference	1968
19690079258	Evaluation of chromalloy A-12 coating	1968
19690079260	Advanced electrochemical technology Semiannual report, 31 Dec. 1968	1968
19690079261	Development of capacitors, switches and fast Marx generators Interim report	1968
19690079263	Pilot Curriculum and Instructor's Guide Emphasizing Safety in Compressed Gases and Cryogenic Liquids	1968
19690079264	Stratospheric water vapor distribution between 10 deg and 63 deg north latitudes deduced from high altitude solar spectra	1968
19690079266	Iron containing contaminants in N sub 2 O sub 4 Technical report, Aug. 1967 - Apr. 1968	1968
19690079267	Theoretical study of atomic and molecular processes Final report, 17 Mar. 1966 - 30 Jun. 1968	1968
19690079268	Analog-digital converter of high accuracy	1968
19690079269	Study of a 100-watt Ku band traveling wave tube Final report, 1 Jul. 1965 - 31 Jul. 1968	1968
19690079270	Three different techniques of color separation applied to charting and printing	1968
19690079271	Coherent optics in signal processing and vibration analysis	1968
19690079272	On the simulation of gear drives on the analog computer	1968
19690079273	Aircrew protective clothing and devices, inertial microphone Final report	1968
19690079274	Diode control research Quarterly technical progress report, 1 Jun. - 1 Sep. 1968	1968
19690079275	Some aspects of the further development of the semiconductor area	1968
19690079276	Sequential storage system	1968
19690079277	Maximum density integrated circuits by electron beams Technical report, 1 Apr. - 30 Nov. 1967	1968
19690079279	The importance of the time factor in the irradiation of human skin with fast electrons	1968
19690079281	Analytical methods for determining the shrinkage stresses in polymeric materials during cure	1968
19690079282	Development of a ball indentation test for samples of finite thickness	1968
19690079283	The thermomechanical stability of tungsten alloys for restart applications Final report, Feb. 1967 - Oct. 1968	1968
19690079284	Dynamic stability results for sharp and blunted 10 deg cones at hypersonic speeds Final report, 30 Jun. 1967 - 30 Jun. 1968	1968
19690079285	A new approach to differential rectification with the use of the Helava analytical plotter	1968
19690079286	Exploding fine wires Final report, 1 Oct. 1966 - 15 Oct. 1967	1968
19690079287	An improved method for obtaining the "5 second to ignition" temperature Technical report, Apr. - Jun. 1967	1968
19690079288	Mechanics of the terrain-vehicle system	1968
19690079290	Aircraft to deck voltage measurement system	1968
19690079291	International symposium for metallurgy and heat treatment of metals	1968
19690079292	The effect of diffusion chrome plating of austenitic alloys on their resistance to vanadium corrosion	1968
19690079293	Titanium carbide treatment in the gaseous phase	1968
19690079294	Production engineering measure for insulated gate field effect transistors, volume 1 Final engineering report, 30 Nov. 1965 - 31 Mar. 1968	1968
19690079295	Production engineering measure for insulated gate field effect transistors. Volume 2 - Inspection and quality control plan Final engineering report, 30 Nov. 1965 - 31 Mar. 1968	1968
19690079296	Multichamber electron-beam furnaces built by VEB LEW Hennigsdorf and its fields of application	1968
19690079297	Flight to the moon	1968
19690079298	A laser interferometer	1968
19690079299	Development of beryllium with improved impact resistance Final technical report, 15 Dec. 1965 - 1 Apr. 1967	1968
19690079300	Communication networks. Survey no. 1. Volume 2 - Review of Chinese Communist literature	1968
19690079301	Long-life cold cathode studies for crossed field tubes Quarterly report, 15 Apr. - 15 Jul. 1968	1968
19690079302	The behavior of liquid with a free surface when disturbed from rest by the motion of a boundary	1968
19690079303	The cartimat	1968
19690079304	Accelerator production of recoilless gamma rays from the 43.81 keV state of dysprosium-161	1968
19690079305	The influence of sulphur compounds on the polymerization of vinyl monomers. 1 - The influence of tetramethylthiuramdisulfide on the polymerization of styrene	1968
19690079306	Investigations and rating of the organ of vision of persons exposed to the effect of microwaves /with particular consideration of dullness in the eyelenses/	1968
19690079307	Automating the photogrammetric service of the Netherland Land Register	1968
19690079308	Frequency response study of nonlinear networks by parameter plane techniques	1968
19690079309	An experimental procedure to test sputtered gold as a solid film gear tooth lubricant	1968
19690079311	Analytical studies of the energy storage process at porous carbon electrodes in molten salt electrolytes Interim technical report, 8 Mar. - 7 Sep. 1968	1968
19690079312	Solid-state delay lines for microwaves	1968
19690079313	Test and evaluation of aircrew escape systems, new seats and cushions for helicopters aircrewmen Final report	1968
19690079314	On-line graphical display system	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079315	The Air Force Machinability Data Center Annual report, 1 Feb. - 30 Sep. 1968	1968
19690079317	On the simulation of differential-analyzer circuits on the ZRA 1 computer	1968
19690079318	STOL/LIT Light Intratheater Transport study. Volume 1 - Summary /U/ Final report, 8 May - 8 Aug. 1968	1968
19690079319	STOL/LIT Light Intratheater Transport study. Volume 2, part 1 - design- turboprops /U/ Final report, 8 May - 8 Aug. 1968	1968
19690079320	STOL/LIT Light Intratheater Transport study. Volume 2, part 2 - Design- turbofans /U/ Final report, 8 May - 8 Aug. 1968	1968
19690079321	STOL/LIT Light Intratheater Transport study. Volume 3 - Costs, schedules, and program management /U/ Final report, 8 May - 8 Aug. 1968	1968
19690079322	Broadband noise generator /U/ Quarterly progress report, 20 Mar. - 20 Apr. 1968	1968
19690079324	Message Processing and Distribution System /MPDS/ for USS Oklahoma City /CLG 5/ /U/ Final report, Apr. 1966 - Mar. 1968	1968
19690079325	Improvement of infrared image tubes, phase 2 /U/ Final report, 3 Jul. 1967 - 2 Sep. 1968	1968
19690079326	Development program for improving S-1 photocathode sensitivity /U/ Quarterly technical report, 1 Apr. - 30 Jun. 1968	1968
19690079327	Static firing of eight M-30 rocket motors - M-30 five-year surveillance program, third- year effort /U/	1968
19690079328	Hypersonic aerospace-vehicle structures program. Volume 3 - Design and analysis, part 1 /U/ Final report, 15 Feb. 1967 - 16 Jul. 1968	1968
19690079329	Hypersonic aerospace-vehicle structures program. Volume 3 - Design and analysis, part 2 /U/ Final report, 15 Feb. 1967 - 16 Jul. 1968	1968
19690079333	Annual technical report spacetrack interferometer development project 4966, volume 1 /U/	1968
19690079334	Annual technical report spacetrack interferometer development project 4966, volume 2 /U/	1968
19690079335	Annual technical report spacetrack interferometer development project 4966, volume 3 /U/	1968
19690079336	Applications study for TACSAT no. 1, task 1. Volume 2 - Support data appendixes A to F /U/ Final report	1968
19690079337	Applications study for TACSAT no. 1, task 1. Volume 1 - Summary /U/ Final report	1968
19690079338	Light Intratheater Transport /LIT/ STOL study. Book 1 - Summary /U/ Final report	1968
19690079339	Light Intratheater Transport /LIT/ STOL study. Book 2 - Design. Section 1 - Configuration. Section 2 - Propulsion /U/ Final report	1968
19690079340	Secondary combustion of pentaborane-hydrazine exhaust in air /U/ Final report, 1 May 1967 - 30 Apr. 1968	1968
19690079347	Nanosecond pulse radar. Volume 1 - Feasibility and preliminary design /U/	1968
19690079349	Experimental study of the short-range field of a dielectric antenna	1968
19690079350	Waveguide, waveguide circuits and antenna research study Quarterly progress report, 1 Jun. - 31 Aug. 1968	1968
19690079353	Redeye research and development program. Volume 1 - XM49E3 trainer, moving target simulator and service test support /U/ Final report, Nov. 1966 - Mar. 1968	1968
19690079354	Hydride crystallization /U/ Interim engineering progress report, 1 May - 31 Jul. 1968	1968
19690079356	Processing of data from sonar systems, volume 5 /U/ Annual report, 1 Jul. 1966 - 1 Jul. 1967	1968
19690079357	Analytical and experimental investigation of hypersonic inlets for dual mode combustion application. Volume 2 - Experimental model design and performance /U/ Final report, 1 Nov. 1965 - 1 Nov. 1967	1968
19690079358	Exploratory development of reduced length turbo-propulsion combustion systems. Part 1 - Preliminary component design and development /U/ Final report, 1 Jul. - 31 Dec. 1967	1968
19690079360	Some applications of microwave integrated circuit technology to array antennas /U/	1968
19690079361	Saturn S-1B stage - Stage S-1B-12 Final static test report	1968
19690079362	Low gravity propellant control using capillary devices in large scale cryogenic vehicles Quarterly progress report, 28 Jun. - 30 Sep. 1968	1968
19690079363	Improved fabrication methods of jet engine rotors Interim engineering progress report, 1 Oct. - 31 Dec. 1968	1968
19690079364	Fourteen MeV neutron radiation effects on attenuators and their ferroelectric ceramic components /Project Henre/	1968
19690079365	High-pressure electromagnetic flowmeter. Research and development manual	1968
19690079366	F/RF-4 aircraft cabin refrigeration unit integral moisture separator study Final report, Feb. - Oct. 1968	1968
19690079367	Spectroscopic measurement of radiative source properties	1968
19690079368	System effects on propellant storability and vehicle performance Final technical report, 1 Mar. 1965 - 27 Dec. 1968	1968
19690079369	Investigation and analysis of three-phase induction motor performance with non-sinusoidal voltage supply	1968
19690079370	Powder metallurgy production of structural shapes Quarterly technical report, 19 Sep. - 18 Dec. 1968	1968
19690079371	Bistatic scattering by radially inhomogeneous imperfectly conducting wires of arbitrary length	1968
19690079372	Solid-state infrared detectors Semiannual report, 15 Jul. 1967 - 14 Jan. 1968	1968
19690079373	Instrument techniques for monitoring electrical transients Final report, Apr. 1967 - Jul. 1968	1968
19690079374	Measurement of the time base stability of the Ampex FR-950 video tape recorder	1968
19690079375	Self-healing protective coatings Final report	1968
19690079377	Research in the field of molecular collision phenomena using molecular beam techniques Semiannual status report, 1 Apr. - 30 Sep. 1968	1968
19690079379	Technology of magnetohydrodynamics Final technical report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079380	The equations of movements for dust particles. The laws of resistance	1968
19690079381	Production of conical beryllium Interim engineering progress report, 12 Feb. - 11 Oct. 1968	1968
19690079382	An electronic system for determining the moments of inertia of fueled and loaded missiles	1968
19690079383	Preproduction tests of two type MS18045-44, 24-volt, 11 ampere-hour, nickel-cadmium aircraft batteries manufactured by Sonotone Corporation	1968
19690079384	Simulated altitude performance of Mark 11 reentry vehicle spin and pitch motors having ages from 60 to 68 months Final report, 20 Aug. - 16 Sep. 1968	1968
19690079385	Stable operation of thin film traveling wave laser amplifiers Research report, May 1966 - Jun. 1968	1968
19690079386	Finite-element analysis of complex panel response to random loads Final report, Jul. 1966 - Dec. 1967	1968
19690079387	Santa Barbara pyrotechnic seeding device program. 1967-1968 winter season Final report	1968
19690079388	Effect of inlet conditions on the operation of an axisymmetric diffuser	1968
19690079389	Micropower functional electronic blocks Final technical report, 15 Mar. 1967 - 14 Oct. 1968	1968
19690079390	Development of checkout specifications for new telemeter systems Final report	1968
19690079391	The interpretoscope, a new instrument for photographic interpretation	1968
19690079392	On the design of a stereotrigomat universal map plotting system	1968
19690079393	Production engineering measure for high reliability aluminum electrolytic capacitors Quarterly report, 20 Jun. - 30 Sep. 1968	1968
19690079394	Coordinated high-latitude experiments for the simulation of nuclear-burst effects on VLF systems Annual technical report number 4	1968
19690079395	Control wheel consoles for control-display model selection switching Final report, Jun. 1966 - May 1968	1968
19690079396	A theoretical investigation of gas-bubble implosions in liquids Final report	1968
19690079397	Some thermodynamic and other properties of Freon 114	1968
19690079398	Astronomic determination of azimuth and position with seconds-theodolites in practice	1968
19690079399	Translations on French nuclear, missile, space, and related military developments no. 163	1968
19690079400	The probe experiment	1968
19690079401	The experiment with electrical fields	1968
19690079402	Experiment with particles	1968
19690079403	The radio astronomy experiment	1968
19690079404	Experiment with cosmic rays	1968
19690079405	Improved lunar cargo and personnel delivery system. Volume 4 - Design evolution and performance studies Final report	1968
19690079412	AN/ALR-17 ELRAC modification /U/ Final report	1968
19690079416	Phase 2 HEUS motor /with appendices/ Monthly letter status report, 23 Sep. - 22 Oct. 1968	1968
19690079417	Study of thermal conductivity requirements Quarterly progress report	1968
19690079419	Electrochemical systems heat and mass transfer Quarterly progress report, 6 Jun. 1968 - 5 Sep. 1968	1968
19690079420	Positive temperature coefficient thermistors Final report	1968
19690079426	Advanced trilateration tracking techniques study. Volume 1 - Summary and conclusions /U/ Final report, 27 Dec. 1966 - 31 Jul. 1968	1968
19690079427	Advanced trilateration tracking techniques study. Volume 2 - Detailed study results /U/ Final report, 27 Dec. 1966 - 31 Jul. 1968	1968
19690079428	Advanced trilateration tracking techniques study. Volume 3 - Detailed study results /continued/ /U/ Final report, 27 Dec. 1966 - 31 Jul. 1968	1968
19690079429	Advanced trilateration tracking techniques study. Volume 4 - Appendices A to G /U/ Final report, 27 Dec. 1966 - 31 Jul. 1968	1968
19690079430	Advanced trilateration tracking techniques study. Volume 5 - Appendices H to L Final report, 27 Dec. 1966 - 31 Jul. 1968	1968
19690079433	A study to determine the weight and performance characteristics of variable geometry spacecraft. Volume 2 - Vehicle development /U/	1968
19690079434	A study to determine the weight and performance characteristics of variable geometry spacecraft. Volume 3 - Final vehicle lines and flight mechanics /U/	1968
19690079435	A study to determine the weight and performance characteristics of variable geometry spacecraft. Volume 4 - Final configurations, thermostructural design, subsystems, and weights	1968
19690079437	Government Microcircuit Applications Conference of 1968, volume 1 - A digest of papers	1968
19690079438	Medium and large scale integration	1968
19690079439	Integrated circuit systems - Techniques and applications	1968
19690079440	Integrated switching and memory circuits	1968
19690079441	Application of thin and thick films in hybrid integrated circuits	1968
19690079442	Management and system organization for microelectronics	1968
19690079443	Application of linear integrated circuits	1968
19690079444	Integrated circuits in digital systems applications	1968
19690079445	Integrated optoelectronics	1968
19690079446	Large scale integration	1968
19690079447	Microwave integrated circuits	1968
19690079448	Integrated circuit radiation response	1968
19690079449	Microcircuit design and processing techniques	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079450	Systems applications of microwave integrated circuits	1968
19690079451	Integrated circuit reliability and quality assurance	1968
19690079452	Passive and active film techniques	1968
19690079453	Application of microwave integrated circuits	1968
19690079454	Laser and optoelectronics in integrated circuits	1968
19690079455	Integrated circuit radiation hardening	1968
19690079456	New processes and devices	1968
19690079457	Digital integrated circuit techniques	1968
19690079458	Integrated circuits for coding, conversion, and signal processing	1968
19690079459	Integrated circuit reliability evaluation and analysis	1968
19690079461	Analysis of the rendezvous radar range measurement logic circuitry	1968
19690079462	Propellant expulsion bladder for the Saturn 5/S-4B Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19690079463	Math models for NASA/Huntsville Strapdown system tests	1968
19690079465	Apollo spacecraft systems analysis program. Debye's construction of vector wave functions from scalar wave functions	1968
19690079467	Apollo spacecraft systems analysis project Monthly progress report	1968
19690079468	Detection efficiency of a plastic scintillator for 20 to 170 MeV neutrons	1968
19690079469	Aerothermal safety analysis of the SNAP-19 /dispersal capsule design/ aboard the Agena/Nimbus B spacecraft	1968
19690079471	Transient irradiation of 0.466-inch OD stainless steel clad oxide fuel rods to 300 cal/g UO ₂	1968
19690079472	Generalized model for microcircuit transient radiation response prediction Final report, Sep. 1966 - Jan. 1968	1968
19690079473	Signal Processing and Analysis Routines /SPAR/ for the IBM system/360 computer	1968
19690079474	Seal systems in hydrospace, phase 1 - Mechanical integrity of flange seal systems	1968
19690079475	Production engineering measures program for a pulsed 1 kW Ku-band tunable coaxial magnetron Quarterly report, 30 Aug. - 30 Oct. 1968	1968
19690079476	Acoustic target source Final engineering report	1968
19690079477	User's manual for the MSFC/LMSC earth orbital lifetime program	1968
19690079478	Evaluation of silicon-germanium thermoelectric modules	1968
19690079479	Rapid color reversal processing techniques using the Kodak Ektachrome RT processor model 11411A-M	1968
19690079480	Calculated evaporation rates for liquid and solid hydrogen with application to laser produced plasmas	1968
19690079482	The LMSC/HREC world population density model	1968
19690079483	Biological fluid mechanics Status report, 1 Apr. - 30 Sep. 1968	1968
19690079484	Tidal theory and orbital perturbations Semiannual report, 1 Jun. - 30 Nov. 1968	1968
19690079485	Atlas/Centaur-16 Orbiting Astronomical Observatory /OAO A-2/ operations summary	1968
19690079486	Development of high value resistor technology compatible with thin-film integrated circuits Quarterly report, 1 Mar. - 31 May 1968	1968
19690079488	Processing of data from sonar systems, volume 6	1968
19690079490	Igniter Mark 280 Mod 0 for use in rocket motor Mark 32 Mod 0 /HASP/ - Qualification test report	1968
19690079491	Airfield pavement evaluation, NAAS Fallon, Nevada Technical note, Sep. 1967 - Mar. 1968	1968
19690079492	Life test of an extremely long life tunable ICEM magnetron	1968
19690079495	Apollo and AAP preliminary mission profile optimization program. Part 2 - Program description Final report	1968
19690079498	Evaluation and comparison of terrain classification methods Final report, Jun. 1967 - Apr. 1968	1968
19690079499	LM soil erosion hazards as implied by Surveyor 6 soil erosion results	1968
19690079500	Experiment development for the T-010 space research centrifuge Final report	1968
19690079501	Production engineering measure CR-/XM-53//U quartz crystal units Quarterly report, May - Jul. 1968	1968
19690079502	Propulsion technology. Monthly survey no. 5	1968
19690079503	Protection of materials by fungicides	1968
19690079504	Peculiarities in the kinetics of the color development process	1968
19690079505	New preservative oils with improved preservative characteristics	1968
19690079507	Specific solvent effect on the magnitude of the energy of cohesion of polymers in solution	1968
19690079508	Regular precession of a free gyrost	1968
19690079509	Shock and vibration technical design guide. Book 1 - Methodology and design philosophy and analytical procedures Technical report, Oct. 1966 - Jul. 1968	1968
19690079510	Technical and economical aspects of the radiation chemistry of fibers and textiles	1968
19690079513	Standard data tape format-CDC 6000 series	1968
19690079514	Study and evaluation of segmented sphere pressure vessels Final technical report, Oct. 1966 - Oct. 1968	1968
19690079517	Microphones for extreme distance pickup	1968
19690079518	A nonlinear design technique for high power magnetostrictors	1968
19690079519	Individual activity coefficients of ionic species Final technical report, Sep. 1967 - Aug. 1968	1968
19690079520	Human factors experiments with television	1968
19690079521	One hundred-foot extendible antenna mast	1968
19690079522	Results of AS-205 facilities and environmental measurements	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079524	Control and analysis of primate behavior by brain telestimulation and telemetry Semiannual progress report, 1 Aug. 1968 - 1 Feb. 1969	1968
19690079526	Austenitic steel type 347 welded nested bellows qualification tests in sodium environments	1968
19690079527	Liquid metal pressure measurement /sodium/ state-of-the-art study	1968
19690079528	Electrical drives for sodium pumps	1968
19690079529	On linear stability of a plasma diode	1968
19690079530	Use of schlieren optics for rotationally symmetric high density gradient plasmas	1968
19690079531	Enhanced scattering and anomalous absorption of light due to decay into plasma waves	1968
19690079532	Experiments on mark 2 torus experiment Quarterly progress report, 26 Jun. - 25 Sep. 1968	1968
19690079533	Measurement of the dissociation rate of molecular ions	1968
19690079534	Apollo spacecraft systems analysis program. Calibration for Project Pearl antenna attitude versus LN-12 readings	1968
19690079536	Vertical bandwidth compression for document transmission Final report, 10 Jan. - 15 Jun. 1968	1968
19690079537	Evaluation of electron quench additives in a subsonic air arc channel Technical report, Jul. 1967 - Jan. 1968	1968
19690079538	Techniques for integrating solid-state circuitry into antennas Interim technical report, Sep. - Nov. 1968	1968
19690079539	Detonative Mach stems Final report	1968
19690079540	Investigation of the subcritical crack growth life of titanium in a corrosive element Final report, Feb. - Nov. 1967	1968
19690079543	Large chamber electron beam welding Quarterly progress report, 10 Sep. - 10 Dec. 1968	1968
19690079544	Manufacture of jet engine thrust bearings by ausforming Interim engineering progress report, 15 Aug. - 15 Dec. 1968	1968
19690079545	Propulsion technology. Monthly survey no. 6	1968
19690079546	Solid phase reactions in solid propellant ignition and combustion Final scientific report, 1 Apr. 1966 - 1 Apr. 1968	1968
19690079547	Low-energy nuclear reactions and nuclear spectroscopy Technical progress report, 15 Sep. 1967 - 15 Jun. 1968	1968
19690079548	Calculation of the release of fission products from triplex coated particles Progress report, Aug. 1966	1968
19690079549	RADC reliability notebook, volume 1 Final report, Dec. 1966 - Jun. 1968	1968
19690079551	Modern techniques in research cinematography	1968
19690079552	Recovery from transient failures of the Apollo guidance computer	1968
19690079553	Head aimed television Final report, 1 Sep. 1966 - 1 Mar. 1968	1968
19690079554	Diode control research Quarterly technical progress report, 1 May - 1 Jun. 1968	1968
19690079557	Advanced fuel form thermal analysis	1968
19690079559	Equivalent circuits for negative resistance devices	1968
19690079560	A high power microwave diode phase shifter Quarterly progress report, 16 Mar. - 15 Jun. 1968	1968
19690079561	On the collision mechanism of bimolecular reactions. Part 2. The stripping mechanism of the reactions Ar plus plus H sub 2 /D sub 2/ yields ArH plus plus H/ArD plus plus D/ at energies greater than 20 eV	1968
19690079562	Whisker reinforcement of piezoelectric transducer ceramics, phase 1 Final report, 1 Jan. - 31 Dec. 1968	1968
19690079563	Stroke multiplication mechanism qualification tests in 1200 deg F sodium	1968
19690079564	Alco intermediate heat exchanger tube vibration test	1968
19690079565	Determination of the beam composition for the 2.95 GeV/c K meson p experiment	1968
19690079566	The SKV-1 stereocomparator	1968
19690079567	Anti-G garment, modified CSU-3/P	1968
19690079570	Propulsion technology. Monthly survey no. 7	1968
19690079571	Low altitude test 4.4 target acquisition tactical air reconnaissance. Volume 1 - Field test description	1968
19690079572	Low altitude test 4.4 target acquisition tactical air reconnaissance. Volume 2 - Controlled flight observations /CFO/	1968
19690079573	The response of gamma-ray spectrometer for in-pile measurements	1968
19690079574	Electronics and Applied Physics Divison Progress report, 1 Jan. - 30 Jun. 1968	1968
19690079575	Convergence of difference methods for the linear transport equation	1968
19690079576	Low momentum particle yields from 12.3 GeV/c protons	1968
19690079577	Description of a gas-pressurized water-flow system for the NASA water-cooled nozzle program Technical report, 15 Oct. 1967 - 18 Jun. 1968	1968
19690079578	Theoretical studies on solid propellant ignition Final report	1968
19690079580	Development of procedures for large scale automated minimum weight structural design. Supplement 1 - Programmer documentation	1968
19690079581	Propulsion technology. Monthly survey no. 4	1968
19690079582	Mosaic - The improved editing of scientific text by hand-drawn commands and data - A technique for RAND and CRT display	1968
19690079584	Radiation characteristics of a spherical transducer and concentric, prolate spheroidal shell	1968
19690079585	Solid-state infrared detector Semiannual report, 15 Jan. - 15 Jul. 1968	1968
19690079588	Electronic scanning pencil beam antenna Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690079589	Fabrication and evaluation of diffusion bonded laminated sections Interim engineering progress report, 31 Aug. - 30 Nov. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079590	High power L-band source Semiannual technical report, 1 Mar. - 31 Aug. 1968	1968
19690079592	Development, application, and design specifications of a laser-Doppler particle sensor for the measurement of particle velocities in two-phase rocket exhausts, volume 1 Final report, 1 Dec. 1966 - 30 Aug. 1968	1968
19690079593	Development, application, and design specifications of a laser-Doppler particle sensor for the measurement of particle velocities in two-phase rocket exhausts, volume 2 Final report, 1 Dec. 1966 - 30 Aug. 1968	1968
19690079594	The Newton-Raphson technique applied to acoustical source location	1968
19690079595	Synoptic analysis aspects of cellular cloud fields from satellite photographs Final report	1968
19690079596	The manipulation of terrain data by the graphic method on the circular plotting board M-60	1968
19690079597	Airborne electronic equipment and systems thermal design and analysis procedures, part 1 Final phase report	1968
19690079598	Study of slopes in the crystalline Appalachians of North Carolina Final report	1968
19690079599	Development and implementation of a reliability analysis center. Volume 1 - Sections 1-7 Final technical report, 15 Jun. 1967 - 15 Jul. 1968	1968
19690079600	Development and implementation of a reliability analysis center. Volume 2 - Sections 8-10 Final technical report, 15 Jun. 1967 - 15 Jul. 1968	1968
19690079604	Effects of irradiation on the cesium sorption characteristics of graphite	1968
19690079605	Principal processes in the radiolysis of gases by high energy electrons and fission fragments Annual progress report, 2 Sep. 1967 - 30 Sep. 1968	1968
19690079606	Technical bases for FFTF driver fuel instrumentation	1968
19690079607	Image intensifier behind an STL camera	1968
19690079609	Manufacturing process for improved high-strength superalloy sheet Interim engineering progress report, 1 Sep. - 30 Nov. 1968	1968
19690079610	Integrated microwave receivers Final report, 1 Jul. 1966 - 31 Aug. 1968	1968
19690079612	Theoretical and experimental investigations of harmonic ion cyclotron wave propagation and plasma heating - Plasma heating and wave damping near harmonics of the ion cyclotron frequency Progress report	1968
19690079613	The corrosion behaviour of coated fuel particles	1968
19690079614	Study of gyroscopic stability Quarterly report	1968
19690079616	Fuels and materials development program Quarterly progress report, period ending 31 Mar. 1968	1968
19690079617	Results of Hungarian observations of meteorological satellites	1968
19690079619	Evaluation of the surface dynamics profilometer for runway profile measurement Technical report, Jul. 1967 - Jun. 1968	1968
19690079620	The ICRPG two-dimensional equilibrium reference program	1968
19690079621	The oxidation of a rimming steel in wet CO ₂	1968
19690079622	High emissivity coating for beryllium	1968
19690079623	Engineering study of all practical static frequency converter systems. Volume 1 - Descriptive report, phase 2 Final report	1968
19690079624	Theoretical design and analysis of each frequency converter, volume 2, phase 2	1968
19690079625	Precipitation in Electron-Beam Welded Beryllium Ingot Sheet	1968
19690079626	Microwave solid state limiting phenomena Final report, 1 Jun. 1967 - 1 Jun. 1968	1968
19690079627	Irradiation experiments on low enrichment fuel - LEHPD 1, and Studsvik loops, charge 15	1968
19690079628	Neutron strength functions from model equilibrium deformations for transuranic nuclei	1968
19690079631	Propulsion technology. Monthly survey no. 3	1968
19690079632	Spectrum utilization characteristics of receiver, control-BCR-76A Babcock Electronics Corp., part no. 118542, ser. no. 1	1968
19690079633	Mechanical properties, including fracture toughness fatigue, corrosion characteristics and fatigue-crack propagation rates of stress-relieved aluminum alloy hand forgings Technical management report, 15 May - 15 Aug. 1968	1968
19690079634	A study to evaluate methods for demonstrating a flexible bearing TVC system design for 260 inch diameter solid motors Final report	1968
19690079636	Feasibility study of APCEF automatic performance control system conceptual design report, phase 1	1968
19690079637	Further investigation of the transmission of arbitrary environmental information between bottle-nose dolphins	1968
19690079638	Desert tests of military aircraft. Report bibliography, December 1953 - September 1968	1968
19690079639	RADCAT project, phase 3 Technical summary report	1968
19690079640	RADCAT project, phase 3 - Appendix A	1968
19690079641	RADCAT project, phase 3 - Appendix B	1968
19690079642	Compatibility characteristics of Babcock model 800B Scorer	1968
19690079643	Chemical heat source for wet suits Interim report, Feb. - Oct. 1968	1968
19690079644	Spectrum utilization characteristics of transmitter, VHF telemetry Microcom Corp., model T-11N	1968
19690079645	Large array signal and noise analysis. Location statistics for frequency-wavenumber processing	1968
19690079646	The maximum aerobic capacity of untrained young men and their hypoxia tolerance	1968
19690079647	IFF antenna radiation improvement study Final report, 1 Apr. - 15 Oct. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079648	Titanium panel extrusion production program Interim engineering progress report, 15 Aug. - 15 Nov. 1968	1968
19690079649	A-6A DIANE system Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690079650	Chemical reaction kinematics	1968
19690079651	Nitroso rubber explosion bladders for nitrogen tetroxide application Final report 1 Jun. 1966 - 30 Jun. 1967	1968
19690079653	On the theory of optimum aerodynamic shapes	1968
19690079654	Development of linear power tubes Interim development report, 17 Aug. - 16 Nov. 1968	1968
19690079656	Establishing production capability for mass producing BA-4386 // PRC-25 batteries using the Balaguer reverse-electrode cell construction of US patent 2,903,499 Quarterly report, 1 Apr. - 30 Sep. 1968	1968
19690079657	Optimisation of the composition of 20 percent Cr 25 percent Ni/Nb steels for a civil AGR system on the basis of oxidation resistance	1968
19690079658	Theory of operation and circuit description, programmable 20-bit pseudorandom PRF generator	1968
19690079659	Production of dry process divalent silver oxide electrodes by continuous rolling Quarterly report, Jun. - Aug. 1968	1968
19690079660	Preliminary evaluation of beam-steering capabilities of the TFSO 37-element array	1968
19690079661	Techniques for producing beryllium oxide single crystals Interim report, 1 Jul. - 30 Sep. 1968	1968
19690079662	Integrated oscillator amplifier Final report	1968
19690079663	Effects of hydrogen environments on columbium and tantalum alloys Final report, 1 Feb. 1967 - 31 Jul. 1968	1968
19690079664	Aerodynamics. A marked phenomenon of hysteresis in aerodynamics	1968
19690079665	Shock analysis using holography and normal mode theory	1968
19690079666	Development of manufacturing methods, process controls, and computer program for fabricating weldable multilayer printed circuit boards Final report, 4 Jan. 1967 - 30 Jun. 1968	1968
19690079667	Self-consistent kinetic model for two-dimensional cusped and minimum-B type equilibria	1968
19690079668	Electron wave interaction in solids Interim technical report, 1 Mar. - 31 May 1968	1968
19690079669	Microwave solid-state device studies Quarterly progress report, 1 Jun. - 1 Sep. 1968	1968
19690079670	Research and development of microwave tubes and devices Quarterly report, 1 Jun. - 31 Aug. 1968	1968
19690079671	Research on dissemination processes Quarterly progress report, Jul. - Oct. 1968	1968
19690079672	The extrema sampled Vocoder development Final report	1968
19690079675	Evaluation of thin steel membranes Final report	1968
19690079676	The measurement of high-temperature irradiation creep in graphite	1968
19690079677	Water permeability of three plastic films /one polyethylene only, the other two cellophane/polyethylene laminates/ after storage in hot Freon	1968
19690079678	Effects of severe environmental conditions on sandwich structural material for falling mass hazard neutralization program	1968
19690079679	Creating foundations for technological "surprises" planning basic research	1968
19690079680	Requirements for advancement of technology, gas turbine engine monitoring instrumentation	1968
19690079682	Project HICAT. High altitude clear air turbulence measurements and meteorological correlations, volume 1 Final report, 13 Mar. 1967 - 31 Jul. 1968	1968
19690079683	Helicopter engines and rotors, volume 2, January 1960 - July 1968	1968
19690079684	Accelerated service evaluation testing of a TF-30-P-8 engine installed in A-7A aircraft Interim report, 19 May - 21 Oct. 1968	1968
19690079685	Radio set AN/ARC-142 Interim engineering report, 1 May - 31 Jul. 1968	1968
19690079686	A survey of electronic navigation systems	1968
19690079687	Category 2 final test report for the 484N- /B/ Kanto Plains communications system, volume 1	1968
19690079688	Component development in support of the WTF-48 lift fan engine Final report, May 1965 - Sep. 1968	1968
19690079689	Experimental evaluation of inlet drag characteristics in the transonic Mach number regime Final report	1968
19690079690	The capacitor lamp as a new light source for the dials of military instruments	1968
19690079691	Reactor fuels and materials development programs for fuels and materials branch of USAEC division	1968
19690079692	Irradiation effects on reactor structural materials Quarterly progress report, Feb. - Apr. 1968	1968
19690079693	Airborne infrared sensor evaluation technique. Flight test procedure manual	1968
19690079694	A sequential self-synchronous, beam tagging technique for adaptive control of transmitting arrays	1968
19690079695	ELF propagation and communication characteristics in a nuclear environment Final report	1968
19690079697	Research on electrochemical energy conversion systems Semiannual research report number 5, Nov. 1967 - May 1968	1968
19690079698	Aerobee NASA 4.264 CG /5 December 1968/ Meteorological data report	1968
19690079699	Nucleate pool boiling in an accelerating system	1968
19690079700	Gunn effect devices Quarterly report, 15 Jun. - 15 Sep. 1968	1968
19690079701	Microstructural characteristics and failure mechanism for a carboxyl terminated polybutadiene composite system	1968
19690079702	Generation of sound waves in water by a high power laser	1968
19690079703	Production engineering measure manufacture of glass holder crystal units. Type CR/XM-66//U Quarterly progress reports, Jan. - Jun. 1968	1968
19690079704	Silicon nitride manufacturing process Interim engineering progress report	1968
19690079705	Applications of thin films in electronics	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079706	In-process control techniques for complex semiconductor structures. Task 2. The application of secondary electron spectroscopy Auger electron analysis to surface control program in the manufacturing of silicon devices Interim engineering progress report	1968
19690079708	Radiation chemistry Final report	1968
19690079709	Second source for crossed-field amplifier QKS 1567 C-band self-modulated forward wave amplifier Interim report, 1 Jul. - 30 Sep. 1968	1968
19690079710	Procedures for determining the load-carrying capacity of flexible pavement airfields by comparing airfield strength with aircraft strength requirements Technical report, Jul. 1967 - Dec. 1968	1968
19690079711	Ionospheric morphology Final report, 1 Apr. 1967 - 15 Jul. 1968	1968
19690079712	Contaminants from the reaction of AeroZINE 50 with MIL-L-7808 D1, July - August 1968	1968
19690079713	Comparisons of remote airborne oceanographic sensors Technical report, 6-12 Mar. 1966	1968
19690079714	COF sub 2 band intensities in the 2.0-6.0 micron region	1968
19690079715	Optical investigations of spark discharges	1968
19690079716	Determination of loss coefficients /FL/D/ for 1 1/2- and 2-inch valves using high-pressure air as the test fluid	1968
19690079717	In-process control techniques for complex semiconductor structures. Task 1. To develop manufacturing in-process control and measuring techniques for mask evaluation Interim engineering process report	1968
19690079718	Non-linear coupling between waves in a magnetized plasma with particle drift motions	1968
19690079719	L band parametric amplifier	1968
19690079720	Rejection of outliers from data collections. A comparative analysis of five rejection techniques for independent and dependent data Research and development report, Apr. - Sep. 1967	1968
19690079721	Some intermodulation considerations in the command and communications system down-link data demodulators	1968
19690079722	Applied Physics Division Progress report, 1 Jan. - 31 mar. 1968	1968
19690079723	An annotated bibliography on high temperature radiation gas dynamics Technical report, 20 Jun. - 23 Aug. 1968	1968
19690079724	Investigation of fast wave beam/plasma interactions Quarterly report, 1 Jun. - 31 Aug. 1968	1968
19690079725	Characteristics of some related non-conventional two-axis rate gyros	1968
19690079726	Aerobee NASA 12.13 GT UG /26 October 1968/	1968
19690079727	Aerobee NASA 4.240 US /21 November 1968/	1968
19690079728	Airborne remote-sensing techniques for site selection Technical report, May - Sep. 1968	1968
19690079729	Fabrication investigations and biaxial compressive fatigue and creep evaluations of the ERL-4617 preimpregnated fiberglass composite system	1968
19690079730	Application of optimization theory to loiter trajectories	1968
19690079731	Development of laboratory test data reduction for SD-53 strapdown system Final report	1968
19690079732	Primate Hemodynamics And Metabolism in an Orbiting Satellite /PHAMOS/ Semiannual status report, 1 Feb. - 31 Jul. 1968	1968
19690079733	Program paging and operating algorithms Final report	1968
19690079734	Pulsed plasma technology in microthrusters Final report, Feb. 1967 -Jun. 1968	1968
19690079735	Reaction studies with fast neutrons Progress report, period ending 31 Oct. 1968	1968
19690079736	Analytical Sciences Divison Progress report, Nov. 1 - Apr. 30, 1968	1968
19690079737	Reactor materials development for division of reactor development Quarterly report, Apr. - Jun. 1968	1968
19690079738	Joining of superalloy foils for hypersonic vehicles Summary technical report, 1 Dec. 1966 - 30 Jun. 1968	1968
19690079739	Considerations for analytical modeling of target radar cross section as a function of aspect angle	1968
19690079740	Laser-triggered-switch study /Project Laswitch/ Final technical report, Jan. 1967 - Jul. 1968	1968
19690079741	Design, fabrication, testing, and data analysis of Adam 2 concept propulsive wing. Part 1 - General and summary information Final report, 2 Dec. 1966 - 7 Jul. 1967	1968
19690079742	Design, fabrication, testing, and data analysis of Adam 2 concept propulsive wing. Part 2 - Shakedown testing in VAD 7 ft by 10 ft low speed wind tunnel Final report, 2 Dec. 1966 - 7 Jul. 1967	1968
19690079743	Design, fabrication, testing, and data analysis of Adam 2 concept propulsive wing. Part 3 - Shakedown testing in 17 ft test section of 7 ft by 10 ft wind tunnel, NASA Langley Research Center Final report, 2 Dec. 1966 - 7 Jul. 1967	1968
19690079744	Design, fabrication, testing, and data analysis of Adam 2 concept propulsive wing. Part 4 - Testing in the Langley Research Center 16 foot transonic wind tunnel Final report, 2 Dec. 1966 - 7 Jul. 1967	1968
19690079745	High power C-band phase shifters Final report, 11 Jul. 1967 - 15 Oct. 1968	1968
19690079746	Statistical presentation of Naval aircraft counting accelerometer data Summary report, 1 Jan. 1962 - 1 Jul. 1968	1968
19690079747	Interferometric measurements on SECEDE 1 barium releases Final report, 19 Apr. - 15 Sep. 1968	1968
19690079748	ASM guidance effectiveness studies. Volume 2 - Supporting tasks Final report	1968
19690079749	Normal modes of carrier waves in semiconductor plates	1968
19690079750	Aerobee NASA 4.248 CS /16 October 1968/	1968
19690079751	Miniaturization of an accurate two-channel remote settable timer and results of radiation experiments on a temperature-compensated crystal oscillator Technical report, Dec. 1966 - Nov. 1967	1968
19690079752	Low drain microwave modular devices for combat surveillance avionics applications Final report, 15 Dec. 1967 - 15 Sep. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079753	In-process control techniques for complex semiconductor structures. Task 1. To develop manufacturing in-process control and measuring techniques for mask evaluation Interim engineering progress report	1968
19690079754	Evaluation of elapsed time meters Final report	1968
19690079756	Metal-insulator-semiconductor integrated circuit amplifier Interim technical report, 1 May - 31 Oct. 1968	1968
19690079757	Study of surface properties of atomically- clean metals and semiconductors. 1 - Preliminary tests on a ZnS crystal. 2 - Further observations on a /0001/Zn surface of a ZnO crystal Semiannual report, 1 Mar. - 31 Aug. 1968	1968
19690079758	Isotope effects and chemical kinetics Progress report, 1 Oct. 1967 - 30 Sep. 1968	1968
19690079759	Mixed-mode oblique ionograms - A computer ray-tracing interpretation	1968
19690079760	In-process control techniques for complex semiconductor structures. Task 2. The application of secondary electron spectroscopy Auger electron analysis to surface control program in the manufacturing of silicon devices Interim engineering progress report	1968
19690079762	VHF/FM skid antenna Quarterly progress report, 1 Jul. - 6 Oct. 1968	1968
19690079763	UHF radio set AN/ARC-143 Interim engineering report, 1 May - 31 Jul. 1968	1968
19690079764	Category 2 final test report for the 484N- /B/ Kanto Plains communications system, volume 2	1968
19690079765	Mechanisms of energy transfer in solids and gases Quarterly technical report, 1 Apr. - 30 Jun. 1968	1968
19690079766	Interpretation of the transverse momentum distribution of particles in high-energy hadron collisions	1968
19690079767	New and improved laminating resins for fiber reinforced composites Final technical report	1968
19690079768	Honest John missile no. 1799, round no. 580 RGL /29 October 1968/ Meteorological data report	1968
19690079769	Absolute gain measurements for horn antennas Final technical report, Jan. 1967 - Jul. 1968	1968
19690079770	Feasibility study of wave tube compression Final report, Jul. 1965 - Sep. 1967	1968
19690079771	A study of phase transformations and superconductivity Progress report	1968
19690079772	Rocket sled blast simulation feasibility study. Volume 4 - Sled and cone studies Technical report, Apr. 1964 - Sep. 1967	1968
19690079773	New aromatic polyimide-co-amides	1968
19690079774	Feasibility of pulsejets and intermittent combustion devices as modern propulsion power plants	1968
19690079775	Voice controller for astronaut maneuvering unit Final report, 1 Jul. 1967 - 30 Sep. 1968	1968
19690079776	Memory system for microcircuits Interim engineering progress report, 31 Aug. - 30 Nov. 1968	1968
19690079777	Development of a manufacturing process for producing optically transparent armor Interim engineering progress report, 15 Jul. - 15 Oct. 1968	1968
19690079778	Silicon on sapphire bipolar study Interim technical report, 11 Jan. - 31 Dec. 1968	1968
19690079779	F-4J braking tests Interim report	1968
19690079780	Surveys of foreign scientific and technical literature - Propulsion technology, monthly survey no. 14	1968
19690079781	EMETF test support, Project EASTT, US Army satellite communications /SATCOM/ agency, Ft. Monmouth, New Jersey Final report	1968
19690079782	Feasibility of compressor surge warning control by sonic techniques Final report	1968
19690079783	A kinematic simulation based on orbital element perturbation theory	1968
19690079784	Effect of electrohydraulics on chemicals in aqueous solution Technical note, Sep. 1967 - Sep. 1968	1968
19690079785	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690079786	Report of the panel on application of deformation theory to practice on the General Electric Company's contact-bend- stretch rolling mill	1968
19690079787	Construction and testing of a 40-inch heavy liquid bubble chamber	1968
19690079788	Advanced Projects and Reactor Physics Division Progress report, 1 Jan. - 31 Mar. 1968	1968
19690079789	A cursory evaluation of typical data acquisition systems for a tandem Van de Graaff Facility	1968
19690079790	The "dielguide" antenna vs the standard antenna of the AN/SSC-3SATCOM terminal Research and development, Jan. - May 1968	1968
19690079791	The capture and stability of a gravity-gradient satellite in an eccentric orbit	1968
19690079792	Evaluation of a proposed method for the measurement of visible smoke in the exhaust of aircraft turbojet and turbofan engines	1968
19690079793	Feasibility studies for regeneratable charcoal filters Quarterly progress report, Jul. - Oct. 1968	1968
19690079794	Experimental studies on the growth of small ice crystals Final report	1968
19690079795	Deployment dynamics of a two-body tethered system	1968
19690079796	Properties of photodetectors /photodetector series, 77th report/	1968
19690079797	Development of a fluoric attitude gyroscope Final report, 1 Mar. - 1 Oct. 1968	1968
19690079798	Ceramic processing	1968
19690079800	Accelerated service test of the J79-Ge-10- engines, phase 4 Interim report	1968
19690079801	Spectroscopic studies of actinide ions in crystalline solids Progress report, 1 Oct. 1967 - 30 Sep. 1968	1968
19690079802	High current density, short life cathodes for linear-beam tubes /U/ Quarterly progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19690079803	Low altitude test 4.1 visual target acquisition. Volume 7 - Simulation studies - Part 1 - Summary /U/ Final report	1968
19690079804	Low altitude test 4.1 visual target acquisition. Volume 7 - Simulation studies - Part 2 - Basic validation /U/ Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079805	Low altitude test 4.1 visual target acquisition. Volume 7 - Simulation studies - Part 3 - Extension A /U/ Final report	1968
19690079806	Low altitude test 4.1 visual target acquisition. Volume 7 - Simulation studies - Part 4 - Extension B /U/ Final report	1968
19690079807	Low altitude test 4.1 visual target acquisition. Volume 7 - Simulation studies - Part 5 - Extension C /U/ Final report	1968
19690079809	Theoretical computations for a wavelength square array of 144 radiators including effects of various arrangements of tuning the electrical terminals /U/ Interim report	1968
19690079810	New high-density amine fuels /U/ Quarterly technical report, 1 Aug. - 31 Oct. 1968	1968
19690079812	ALGOL programs for evaluation of photogrammetric satellite plates	1968
19690079813	Research on ternary detector materials Final technical report, 24 Jul. 1967 - 23 Oct. 1968	1968
19690079814	Basic principles for the computation of gravimetric deflections of the vertical	1968
19690079815	OV4-1. Experimental satellite investigation of the ionosphere data reduction and analysis program Final report, Jul. 1967 - Dec. 1968	1968
19690079816	The anomalous magnetic field of Macedonia, and its connection with geological features of the country	1968
19690079817	Experimental study of the sources of blade vibration excitation in a low pressure turbine	1968
19690079818	Avalanche pumped semiconductor laser Final technical report, Jun. 1967 - Sep. 1968	1968
19690079819	Method for measuring the uranium contamination in fuel particle coatings	1968
19690079820	Effects of lubricants on helicopter spur gear fatigue Final report, Jul. 1966 - Sep. 1968	1968
19690079821	DF interferometer for the 2-to-10-MHz range Quarterly report, 15 Dec. 1967 - 15 Mar. 1968	1968
19690079822	Psychological observations of a confined microcommunity - A report on Penthouse 8	1968
19690079823	EN-99 continuous enlarger Final report	1968
19690079824	Energy deposition rates and radial and polar Compton currents from gamma-ray and neutron sources in the intermediate altitude range Technical report, Mar. 1967 - Mar. 1968	1968
19690079825	Technical evaluation of United States Strike Command required operational capability /STRIROCEG 1-68/	1968
19690079826	Structural design and analysis of Titan 3M stage 1 turbopump assembly turbine rotor	1968
19690079827	Crosslinking of a polyhydroxy ether Technical report, 1 Jan. 1966 - 1 Mar. 1967	1968
19690079828	Repeated load tests of 4340 steel stressed above uniaxial yield stress, part 2	1968
19690079829	Bacon anisotropy factor and crystallite sizes measurements on pyrocarbon specimens	1968
19690079831	Properties of the high beta plasma state Progress report, 1 Aug. 1968 - 15 Sep. 1968	1968
19690079832	A theoretical discussion of optimum multichannel filter design. Seismic data lab. report	1968
19690079833	Human engineering evaluation of aircrew station design, cockpit geometry data design eye position for models A-7A and F-4G airplanes Interim report, 20 Jun. - 11 Jul. 1968	1968
19690079834	Computerized rocket evaluation and analysis program. Volume 1 - User manual Final report, 19 Jun. - 19 Jul. 1968	1968
19690079835	Computerized rocket evaluation and analysis program. Volume 2 - Analyst manuals	1968
19690079836	A compact high repetition rate energy storage system Final report	1968
19690079837	Aerobee NASA 4.268 UG /15 November 1968/ Meteorological data report	1968
19690079838	Research on the resonant gate transistor Interim report, 1 Nov. 1967 - 29 Feb. 1968	1968
19690079839	Airborne infrared sensor evaluation technique Final technical report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690079840	Theory of polar-display signal analyzers, and a radio direction-finding analogy	1968
19690079841	Development of a high speed DIAZO printer processor for aerial reconnaissance duplication Final report, Jun. 1966 - Oct. 1968	1968
19690079842	Page-control schemes in a multiprocessor with associative control Final technical report, Dec. 1967 - Sep. 1968	1968
19690079844	Fiber reinforced glass Final report, 19 Jun. 1967 - 15 Aug. 1968	1968
19690079845	XC-142A operational suitability tests Final technical report	1968
19690079846	Random-vibration analysis system for complex structures. Part 1 - Engineering user's guide Final report, Jul. 1966 - Dec. 1967	1968
19690079847	Model F-4J /MIN-MOD/ performance data and substantiation	1968
19690079848	Criteria for establishing a relative design merit index for aircraft landing gear ground flotation Final technical report, 1 May 1967 - 1 Apr. 1968	1968
19690079849	Aerobee AF at 3.533 /21 November 1968/ meteorological data report	1968
19690079850	Determination of the yield point of brittle materials by using high hydrostatic pressure	1968
19690079851	Nike-Apache DRS NASA 14.352 UA /4 December 1968/ Meteorological data report	1968
19690079852	Model F-4 Mod performance data an substantiation	1968
19690079853	Instruments for detecting failure modes in semiconductors	1968
19690079854	Inductive reactance, inductive susceptance, capacitive reactance, and capacitive susceptance tables	1968
19690079855	FIPDIG - A one-dimensional time dependent fission product diffusion code	1968
19690079856	Fracturing of a composite propellant upon impact - The relation between surface increase and combustion transients Status report, 1 Mar. 1967 - 30 Apr. 1968	1968
19690079857	Silicon integrated circuits for airborne and portable radars Quarterly report, 27 May - 26 Aug. 1968	1968
19690079858	Measurement of velocity in pulsating flow	1968
19690079859	Broadband noise generator /U/ Final report, 20 Mar. - 20 Sep. 1968	1968
19690079860	Thrust control exploratory development program /U/ Final technical report, 1 Jul. 1967 - 31 Aug. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079861	Sensitivity fundamentals /U/ Semiannual technical progress report, 16 Mar. - 15 Sep. 1968	1968
19690079862	High density, high temperature binders for solid propellants /U/ Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968
19690079865	Storable liquid oxidizer /U/ Quarterly interim report, 1 Aug. - 31 Oct. 1968	1968
19690079869	Airborne target recognition study /U/ Final report, 11 Sep. 1967 - 10 Sep. 1968	1968
19690079873	Development and advanced technology programs 1 July - 30 September 1967 /U/	1968
19690079874	Development and test of a highly energetic domino propellant /U/ Quarterly progress report, 1 Sep. - 30 Nov. 1968	1968
19690079876	Active Night Covert Viewing System /ANCOVS/ /U/ Interim technical report no. 1, 1 Apr. - 31 Oct. 1968	1968
19690079877	Scramjet thermal protection program /U/ Final report, 16 May 1966 - 30 May 1968	1968
19690079878	Satellite UHF phased array antenna techniques /U/ Final report, 30 Jun. 1966 - 30 Nov. 1968	1968
19690079881	Development of new high energy explosive compositions /U/ Quarterly progress report, 17 Jan. - 17 Mar. 1968	1968
19690079882	Savannah River Laboratory isotopic power and heat sources. Part 2 - Curium-244, plutonium-238, thulium-170 and thulium-171 /U/ Quarterly progress report, Apr. - Jun. 1968	1968
19690079883	IRIA annotated bibliography of infrared literature, volume 12, no. 3 /U/	1968
19690079884	Research quarterly progress report, October - December 1967 /U/	1968
19690079886	Influences of the flight environment and propellant additive form on radar interference caused by rocket motor exhausts /U/ Quarterly progress report, 15 Jul. - 15 Oct. 1968	1968
19690079887	Readout technique for detector array /U/ Final technical report, 1 Jun. 1964 - 30 Apr. 1968	1968
19690079888	Aluminum hydride propellant shelflife /U/ Special report no. 1, 15 Nov. 1967 - 30 Jun. 1968	1968
19690079889	Chemistry and Materials Division Progress report, 1 Jan. - 31 mar. 1968	1968
19690079890	Kinetics of ionizing radiation induced reactions	1968
19690079891	Experimental division 'A' Progress report, 1 Apr. 1967 - 31 Mar. 1968	1968
19690079892	Canadian Materials Newsletter no. 34	1968
19690079893	Applied Physics Division Progress report, 1 Apr. - 30 Jun. 1968	1968
19690079895	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report, 1 Sep. - 30 Nov. 1968	1968
19690079896	Flexible guidance software system Final technical report on phase 1A, Mar. - Dec. 1968	1968
19690079897	Nuclear physics research Annual report	1968
19690079898	Experimental study of the effects of sweep on hydrofoil loading and cavitation Final report	1968
19690079899	Some work-energy and variational principles applied to blast loading of structures Final report, Mar. 1967 - Sep. 1968	1968
19690079901	Electrical measurements of large scale polybenzimidazole /PBI/ plastic radome without metal tension ties. Part 1 - Procedures, test results, and performance /U/ Technical report, Oct. 1967 - May 1968	1968
19690079902	Electrical measurements of large scale polybenzimidazole /PBI/ plastic radome without metal tension ties. Part 2 - Electrical measurements data /U/ Technical report, Oct. 1967 - May 1968	1968
19690079903	Electrical measurements of large-scale polybenzimidazole /PBI/ plastic radome without metal tension ties. Part 3 - Radio frequency measurements such as transmittance, boresight, shift, and pattern distortion Technical report Oct. 1967 - May 1968	1968
19690079906	Performance evaluation of turboshaft engines for twin engine shaft-driven helicopters /U/	1968
19690079907	Tests of regeneratively cooled components for hypersonic ramjet propulsion systems. Volume 1 - Concept test rig results /U/ Final report, 1 Jul. 1966 - 31 Jul. 1968	1968
19690079910	Advanced Projects and Reactor Physics Division Progress report, 1 Apr. - 30 Jun. 1968	1968
19690079911	The thermal conductivity of annular beds of coated fuel particles	1968
19690079912	Applied Physics Division Progress report, 1 Jul. - 30 Sep. 1968	1968
19690079913	Nuclear safety Quarterly report, Jul. - Oct. 1967	1968
19690079914	Theoretical studies in nuclear reactions and structure Progress report	1968
19690079915	Fuels and Materials Division Progress report, 1 Jan. - 31 Mar. 1968	1968
19690079916	Fuels and Materials Division Progress report, 1 Apr. - 30 Jun. 1968	1968
19690079917	Thermal cycling of bonded fuel particles	1968
19690079918	Work sponsored by the fuels and materials branch Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19690079919	Irradiation effects on reactor structural materials Quarterly progress report, May - Jul. 1968	1968
19690079920	Electronics and Applied Physics Division Progress report, 1 Jul. - 31 Dec. 1967	1968
19690079921	Canadian materials newsletter no. 33	1968
19690079922	Declination anomaly caused by a single pole in a uniform magnetic uniform	1968
19690079923	Analysis of metallic expulsion bellows design Final report, 1 Jul. 1966 - Oct. 1967	1968
19690079924	Two prominence eruptions and the problem of emission	1968
19690079926	Investigation of the chemical kinetics of an advanced high energy propellant system Quarterly progress report, 1 Sep. - 30 Nov. 1968	1968
19690079927	A study of polymers containing silicon-nitrogen bonds Quarterly progress report, 4 Dec. 1967 - 3 Mar. 1968	1968
19690079928	Behavioral research and experimental analysis of complex behavioral repertoires under full environmental control	1968
19690079929	Reliability of quantum-mechanical communication systems	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079930	Basic research in pure and applied mathematics Semiannual report, 1 Jun. - 30 Nov. 1968	1968
19690079931	The dissociation equilibrium of H minus in stellar atmospheres	1968
19690079932	Design handbook electrical cables for Saturn GSE	1968
19690079937	Processing of ceramics - Surface finishing studies Final technical report, 22 Apr. 1967 - 21 Jun. 1968	1968
19690079938	Flight report for Delta vehicle S/N 20003 Delta program mission no. 58 spacecraft - TOS-E	1968
19690079940	An exploratory study of organometallic fuel combustion in a supersonic combustor	1968
19690079942	Hypersonic aerospace-vehicle structures program. Volume 1 - General structural analysis formulations Final report, 15 Feb. 1967 - 31 Jul. 1968	1968
19690079943	Investigation of nondestructive methods for the evaluation of graphite materials Technical report, 15 Apr. 1966 - 15 Apr. 1967	1968
19690079944	Program management Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690079945	A two-quartic refractivity profile for the troposphere, for correcting satellite data	1968
19690079946	A study of the erosion process using several group 4 oxides	1968
19690079947	Physical parameters affecting fracture strength and fracture mechanisms in ceramics Final report, 17 Nov. 1967 - 16 Nov. 1968	1968
19690079948	Development of 1-kilowatt, 1-kilovolt audio transistor and driver transistor for sonar applications Final engineering report, 16 Feb. 1967 - 15 Aug. 1968	1968
19690079949	Signal processing support to pulse-Doppler radar task	1968
19690079950	Functional specifications of NRTPOD aerodynamic options	1968
19690079951	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft Interim engineering progress report, 1 Jun. - 31 Aug. 1968	1968
19690079952	A concentric wide field lens design	1968
19690079953	The theory behind and the user's manual for the generalized least squares fit /GELSF/ digital computer program	1968
19690079954	Study of advanced modulation techniques for advanced communications systems Quarterly report, 3 Jun. - 2 Sep. 1968	1968
19690079955	Research in solar flares and the structure of the solar atmosphere Annual report, 1 Sep. 1967 - 31 Aug. 1968	1968
19690079956	A geoid height and gravity anomaly computer program for geodetic parameter solutions	1968
19690079957	Ingredient analysis of two unknown propellants by nuclear magnetic resonance spectroscopy	1968
19690079958	Development of inhibitive primers for aluminum Final technical report, 1 Nov. 1967 - 31 Oct. 1968	1968
19690079960	The sensitive time lag theory and its application to liquid rocket combustion instability problems. Volume 2. Programmer's manual Final report, 2 Sep. 1966 - 31 Nov. 1967	1968
19690079961	Long-wavelength IR mosaic terminal guidance system, phase 4 Quarterly progress report, 1 Aug. - 30 Nov. 1968	1968
19690079962	Dodge television reproduction system	1968
19690079963	Analytical studies and programming in support of tracking and data reduction techniques Final report	1968
19690079964	Technical evaluation of Serpentine antenna system	1968
19690079965	Numerical methods for the nonlinear analysis of an elastic arch	1968
19690079966	Launch vehicle aerodynamic design criteria monograph - Ascent flight loads	1968
19690079967	The contribution of Department of Defense Laboratories to national higher education goals	1968
19690079968	Effect of sulfur in JP-5 fuel on hot corrosion of coated super alloys in marine environment Progress report, 2 Jul. - 1 Oct. 1968	1968
19690079969	Integrated circuit, quad two-input gate Final specification	1968
19690079970	Evaluation and compounding procedures of twenty-one polyurethane foams	1968
19690079971	Research toward preparing bulk shapes of beryllium oxide by chemical vapor deposition techniques Quarterly report	1968
19690079973	A method and rating system for evaluation of thermal protection	1968
19690079974	Strength of brittle materials Progress report, 1 Jul. - 30 Sep. 1968	1968
19690079975	Quality evaluation of Badger Ordnance Works Mark 18 propellant grains of JPN formulation	1968
19690079977	Trajectory optimization by method of steepest descent. Volume 3. Programmer's manual	1968
19690079978	An examination of logistics support for United States Air Force and Federal Aviation Administration radar facilities	1968
19690079979	Quartz crystal unit type CR-67/U and CR-XM-67//U production engineering method	1968
19690079980	Planar triode 7289 improvement program Quarterly interim development report, 15 Jul. - 15 Oct. 1968	1968
19690079981	Design manual for selected SCR static inverters. Volume 2 - Analysis and design	1968
19690079982	Fracture mechanics approach to cumulative damage Final report, 15 May 1967 - 19 Aug. 1968	1968
19690079983	Study of long term effects of high energy propellants on fine micronic stainless steel wire cloth used in surface tension devices Final report	1968
19690079985	Recommendations for improving and evaluating the provisioning of new Communications Electronics Meterological /CEM/ systems	1968
19690079987	An analysis of subcontract management as applied to the contractor procurement system review	1968
19690079989	Interrelations of perceived size and distance Semiannual progress report, 1 Jun. - 31 Dec. 1968	1968
19690079991	Experimental investigation of capillary propellant control devices for low gravity environments Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079992	The VERA code - A one-dimensional radiative hydrodynamic program, volume 1 Final report	1968
19690079993	The VERA code - A one-dimensional radiative hydrodynamic program, volume 2 Final report	1968
19690079994	Removal of systematic error from direction finding data	1968
19690079995	Microwave acoustic and bulk device technique studies Interim technical report, 1 May - 31 Jul. 1968	1968
19690079996	Flow decay - Impaired flow in nitrogen tetroxide propulsion systems caused by corrosion product deposits	1968
19690079998	LM1500 six atmosphere smoke reduction program	1968
19690079999	Sensitivity of thermal recording materials to CO sub 2 laser radiation Technical report, Jan. - Mar. 1968	1968
19690080000	Time-of-flight analysis of a potassium atomic beam scattered by a carbon dioxide molecular beam	1968
19690080001	The external drive system for the all-attitude air-bearing research and training simulator	1968
19690080002	Test and evaluation of the Abdoo dryer, model 70 Final technical report	1968
19690080003	Thermally stable fluorocarbons Final report, 1 Nov. 1967 - 20 Aug. 1968	1968
19690080004	Large-array signal and noise analysis Final report	1968
19690080005	Production engineering measure on gallium arsenide laser diode Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690080006	Accelerated service test of a J57-P-20A engine featuring safety, control, and durability changes Interim report, 1 Jun. - 15 Jul. 1968	1968
19690080008	Space tool development, volume 2 - Priority list for tool and process development	1968
19690080010	Micro-orifice injector for space storable propellants Quarterly report, 25 Jun. - 1 Oct. 1968	1968
19690080011	Birds Eye 2-68, 1-12 April 1968	1968
19690080012	FFAR /2.75-inch/ large yaw dynamics	1968
19690080013	Cosmic electron anisotropies, 50 GeV to 1000 GeV - An experiment for the Apollo applications program	1968
19690080014	Feasibility study - Application of digital computer to engineering systems support at Astrionics Laboratory, Applied Research Branch	1968
19690080018	High efficiency octane bandwidth traveling wave tube Interim technical report, 1 Apr. - 30 Jun. 1968	1968
19690080021	Simulations of landmark updating navigation scheme for LM landing to science sites	1968
19690080022	Shock and vibration technical design guide. Book 2 - Related technologies Technical report, Oct. 1966 - Jul. 1968	1968
19690080025	NERVA program Summary report, period ending 30 Sep. 1968	1968
19690080026	Sounding rocket - OGO-4 satellite ozone experiment - Rocket ozonesonde measurements	1968
19690080027	Formulation and application of a Trajectory Optimization program for Powered Lifting Vehicles /TOPLV/	1968
19690080028	Long scale, high acuity, developer research	1968
19690080030	Digital data link study Final report, 21 May - 22 Jul. 1968	1968
19690080031	Display data generation Final report, 1 Jan. 1967 - 31 Jan. 1968	1968
19690080032	Distortion control qualification test program of 0.063-inch bare 2024-t64 aluminum alloy	1968
19690080033	Instant optimization for springs	1968
19690080034	Apollo 7 guidance, navigation and control system performance analysis Final report	1968
19690080038	On selection procedures based on ranks - Counterexamples concerning favorable configurations	1968
19690080040	Integral stability	1968
19690080045	Evaluation of superalloys for hypersonic vehicle honeycomb heat shields	1968
19690080046	Measuring aircraft maintenance effectiveness within the United States Air Force	1968
19690080047	Accuracy of a procedure for computing lower confidence limits on system reliability for various failure distributions	1968
19690080048	Wide range flow control program Final report, 21 May 1965 - 15 Dec. 1967	1968
19690080050	The conformal mapping of the interior of the unit circle onto the interior of a class of smooth curves	1968
19690080051	A rotating rectifier alternator 300 deg C. Phase 1b - Diode procurement and evaluation Technical report, 15 May 1967 - 15 Apr. 1968	1968
19690080052	An investigation of the narrowband and wideband ambiguity functions for complementary codes	1968
19690080053	Surface displacement of an elastic half-space Technical documentary report, Jan. - Apr. 1968	1968
19690080054	Aspects of the inverse problem of scattering theory	1968
19690080055	Water landing capability of the block 2 Apollo command module aft heat shield, task E-70a	1968
19690080062	Ceramic R and D programs. Part 3. NASA, ARPA, AEC, NBS, Bureau of Mines, and National Science Foundation	1968
19690080063	Infrared absorption of copper protoxide /Cu sub2 O/	1968
19690080065	Advanced brushless dc torque motor Final report	1968
19690080067	Total energy distribution measurements of field emitted electrons Final report, 14 Nov. 1967 - 15 Nov. 1968	1968
19690080068	An analysis of the Apollo SPS start transient phenomena	1968
19690080069	Simplified dynamic analysis of Apollo water impact including effects of the flexible heat shield	1968
19690080072	A synthesis study of vinyl ferrocene and butadiene copolymers by free radical and anionic polymerization routes /U/	1968
19690080074	Compositional studies on low-burning-rate composite propellants /U/	1968
19690080076	An analytical and experimental study of slender, sharp-edged, hypersonic configurations in the viscous interaction regime /U/ Final report, 15 Dec. 1966 - 1 Jun. 1968	1968
19690080077	Application of self-adaptive principles to missile flight control systems /U/ Final report, 15 May - 15 Aug. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080078	Plume impingement study /U/ Final report, 14 Dec. 1966 - 30 Apr. 1968	1968
19690080079	Application of TGA to the thermal decomposition of propellants and propellant ingredients /U/	1968
19690080080	Development of a Po-210 fuel form compound /U/ Final report	1968
19690080081	Savannah River Laboratory isotopic power and heat sources. Part 2 - Curium-244 and thulium-170 /U/	1968
19690080083	Compact thermoelectric converter, phase 2-B /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19690080084	Mercury Rankine power conversion program CRU 5 design and development /U/	1968
19690080085	Silicon germanium thermoelectric materials and module development program /U/ Quarterly report, 20 Dec. 1967 - 31 Mar. 1968	1968
19690080087	Space isotope power program /U/ Quarterly report, Apr. - Jun. 1968	1968
19690080089	Hydrazine nitrate catalyst development /U/ Quarterly report, 1 Aug. - 31 Oct. 1968	1968
19690080097	Study of grinding process as applied to high-strength and thermal resistant alloys Final report, 1 Jul. 1966 - 30 Sep. 1968	1968
19690080098	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690080099	Stripline ferrite devices Final report	1968
19690080100	Quality defects in integrated circuits Final technical report, 29 Mar. 1967 - 29 Jul. 1968	1968
19690080101	CLF3 transpiration cooled thrust chamber flow minimization /U/ Final report, 15 Apr. - 15 Oct. 1968	1968
19690080103	Development of low-cost and low-risk Domino propellants /U/ Interim progress report, 15 Apr. - 15 Oct. 1968	1968
19690080104	The AFRPL exhaust plume interference characterization program. Project EPIC /U/ Technical report, 1 May - 31 Dec. 1967	1968
19690080105	High chamber pressure test refire of a wire wound tungsten throat insert nozzle /U/	1968
19690080106	Development of a low-cost catalyst for hydrazine /U/ Quarterly report, 15 Sep. - 15 Dec. 1968	1968
19690080107	Research on advanced oxidizers having kinetically derived stability /U/ Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690080108	Establish manufacturing process for energetic propellant binder /U/ Interim engineering progress report, 15 Aug. - 15 Nov. 1968	1968
19690080109	Evaluation of a high-energy binder /U/ Quarterly report, 1 Sep. - 30 Nov. 1968	1968
19690080110	Microchannel arrays /U/ Final technical report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690080112	Fundamental problems of cascades for transonic and supersonic stages of turbomachines	1968
19690080113	Production engineering measure for mechanization of high reliability capacitors Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690080114	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690080115	Coherent aperture study Final report	1968
19690080116	Training manual for the logic design analyzer and evaluator	1968
19690080125	Location of rough areas of runways for B-52 aircraft. Volume 2 - Numerical data Final report, Jun. 1966 - Oct. 1967	1968
19690080131	Energetic propellant plasticizer process development /U/ Interim engineering progress report, 20 May - 31 Aug. 1968	1968
19690080133	Radial flow injector development for metallized gelled fuels at temperature extremes /U/ Final interim report, Jan. - Jul. 1968	1968
19690080136	High performance clutter rejection radar study /U/ Final report, 28 Feb. 1967 - 3 Jul. 1968	1968
19690080137	Analysis of remote control systems for lunar vehicles	1968
19690080138	Analysis of switching circuit reliability	1968
19690080140	Microwave hybrid development programs Quarterly technical report, 7 Oct. - 12 Dec. 1968	1968
19690080141	Radial clearance of antifriction bearings	1968
19690080142	LF/VLF propagation analysis computer program documentation Final report, Jan. - Oct. 1968	1968
19690080143	Flight path accelerometer system Final technical report	1968
19690080145	Determination of damping characteristics of Lossy metals, using a transfer impedance technique Final report	1968
19690080148	EMC study of space applications remote sensors	1968
19690080155	Development of magnesium wafer cells Final report, Oct. 1967 - Apr. 1968	1968
19690080157	Advances in large-volume air sampling	1968
19690080161	Development of a direction finding antenna and associated receiver /U/ Quarterly report, 1 Jun. - 1 Oct. 1968	1968
19690080163	Airborne ASW radar detection - A consideration of the operator factor for the AN/APS-88 radar under low sea state conditions /U/ Final report	1968
19690080165	Readout techniques for detector mosaics /U/ Final report, 3 Jan. 1966 - 3 Jul. 1968	1968
19690080167	Gated microchannel /640 mm/ array development /U/ Interim technical report, 7 Jun. - 6 Sep. 1968	1968
19690080169	Signal processing studies and analysis. Volume 2 - A differential equation for the short pulse electromagnetic inverse scattering from surfaces of revolution Final report	1968
19690080170	Signal processing studies and analysis. Volume 3 - The improvement of electromagnetic inverse scattering approximations Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080171	Signal processing studies and analysis. Volume 4 - Three dimensional electromagnetic short pulse inverse scattering Final report	1968
19690080172	Signal processing studies and analysis. Volume 5 - Electromagnetic short pulse inverse scattering for discontinuities in an area distribution /scattering centers/ Final report	1968
19690080173	Signal processing studies and analysis. Volume 6 - The determination of the motion, orientation, size and shape of axially symmetric short pulse radar targets Final report	1968
19690080174	Signal processing studies and analysis. Volume 7 - Three dimensional electromagnetic short pulse inverse scattering with equatorial derivative scattering data Final report	1968
19690080175	IRFNA expulsion using an unbonded rolling diaphragm device /U/	1968
19690080177	Properties of photodetectors /photodetector series, 78th report/ /U/	1968
19690080179	The Timation 1 satellite /U/	1968
19690080182	Inorganic halogen oxidizers /U/ Semiannual report, 30 May - 30 Nov. 1968	1968
19690080183	Final report under APL/JHU subcontract 271734, task A /U/	1968
19690080184	Advanced packaged liquid rocket engine /U/ Quarterly progress report, 2 Aug. - 1 Nov. 1968	1968
19690080192	Aircraft radiation modulation study /U/ Final technical report, Aug. 1967 - Mar. 1968	1968
19690080204	Detection of underground objects /U/ Technical report, 1 Nov. 1967- 1 Aug. 1968	1968
19690080206	Prediction routines studies. Volume 1. Sample problems and frequency band analysis Final report, Mar. 1967 - Aug. 1968	1968
19690080207	Predication routine studies. Volume 2. Intermodulation analysis Final report, Mar. 1967 - Aug. 1968	1968
19690080208	Prediction routine studies. Volume 3. Field strength/power density program Final report, Mar. 1967 - Aug. 1968	1968
19690080209	Binder model system to be used for determination of prepolymer functionality Quarterly report, 19 Aug. - 19 Nov. 1968	1968
19690080219	An integrated electronic timer Final report	1968
19690080220	On elastic wave propagation in truncated conical shells Technical report, Oct. 1965 - Sep. 1968	1968
19690080221	Chemistry and Materials Division Progress report, 1 Apr. - 30 Jun. 1968	1968
19690080222	Long life stable zinc electrodes for alkaline secondary batteries Quarterly technical progress report, 1 Mar. - 30 May 1968	1968
19690080223	Poseidon semiconductor captive line process development Progress report, 1 Aug. - 15 Sep. 1968	1968
19690080225	Trends in usage of hafnium	1968
19690080226	Production engineering measure for type CR-/XM-57//U crystal units Quarterly report, Apr. - Jun. 1968	1968
19690080227	Effect of the mineral oil component on the properties of lubricating greases	1968
19690080228	Power frequency surveillance study	1968
19690080229	Effect of ionospheric depression on long-range communications at low and very low frequencies Final report, Nov. 1967 - Oct. 1968	1968
19690080230	Interference prediction model development - Interim beyond-line-of-sight tropospheric propagation model Interim report	1968
19690080232	Digital estimation errors of echo signal parameters in the presence of small noise	1968
19690080234	Spectrochemical analysis of non-metals using the hollow cathode as light source Final technical report, Jul. 1967 - Aug. 1968	1968
19690080235	Area spectral scanning modulation studies Quarterly progress report, Jul. - Oct. 1968	1968
19690080236	Electrocatalysis of oxygen reduction by the tungsten bronzes Semiannual report, 1 Sep. 1967 - 29 Feb. 1968	1968
19690080237	Hewlett-Packard model H11-8601A signal generator, model K01-8601A frequency divider, and model H11-8708A synchronizer	1968
19690080238	The KME-3 technology - An economical variant for the preparation of thin-layer hybrid circuits	1968
19690080239	Solid propellant ramjets	1968
19690080247	Enthalpy-mass flux-impact pressure probe system Final technical report, 1 Jan. 1967 - 30 Apr. 1968	1968
19690080248	Communications engineering /selected articles/	1968
19690080249	In-place tube welding manufacturing technology Interim progress report, 30 Sep. - 31 Dec. 1968	1968
19690080251	Interference prediction model development requirements for military specification measurements study report	1968
19690080252	On hypersonic blunt body flow fields obtained with a time-dependent technique Final report	1968
19690080253	A numerical procedure for determining the combined viscid-inviscid flow fields over generalized three-dimensional bodies. Volume 2, part 1 - Manual for computer program Final report, 1 Jul. 1962 - 1 Sep. 1968	1968
19690080254	A numerical procedure for determining the combined viscid-inviscid flow fields over generalized three dimensional bodies. Volume 2, part 2 - Computer program flow charts Final report, 1 Jul. 1962 - 1 Sep. 1968	1968
19690080255	Advanced countermeasures repeater /669/ program. Volume 2. Appendices	1968
19690080256	Advanced countermeasures repeater /669/ program. Volume 3. Schematic diagrams	1968
19690080257	Analysis of laser systems for high-altitude blast measurement, volume 1 Final report	1968
19690080258	Analysis of laser systems for high-altitude blast measurement, volume 1 - Supplement Final report	1968
19690080261	Electrode migration and reaction processes occurring within alkaline-zinc batteries Quarterly technical progress report, 1 Sep. - 1 Dec. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080263	X-ray studies on molecular free or hindered rotation in plastic crystals Final scientific report, 1 Mar. 1967 - 30 Nov. 1968	1968
19690080266	Evaluation of HF antenna coupler Univac type 34611	1968
19690080267	Current information on lubrication and fuel technology	1968
19690080269	Interference prediction model development field intensity for a monopole antenna	1968
19690080270	Interference prediction model development irregular terrain propagation model Final report	1968
19690080271	Statistical presentation of landing parameters for the CH-53A helicopter conducting confined area landings under the cognizance of the Marine Corps Air Facility at Santa Ana, California. Survey 18, phases A and B Progress report	1968
19690080273	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690080275	Magnetic sensing of vehicles	1968
19690080276	Transistorized digital-to-analog converter of the R-2R type	1968
19690080277	Measurements of the effective diffusion length of minority carriers in thin semiconductor wafers	1968
19690080278	Advanced capability infrared receiver system Semiannual progress report, 15 Mar. - 15 Sep. 1968	1968
19690080279	The role of chloride particles of maritime and continental origin in the formation of the chloride content of precipitation	1968
19690080282	Parametric and preliminary design comparison of transverse jet controls and flap-type aerodynamic controls for re-entry vehicles and high speed cruise aircraft Final technical report, 30 Jun. 1966 - 1 May 1968	1968
19690080283	Distribution of electron density with consideration of the bedded structure of the ionosphere	1968
19690080284	Some recent problems in particle acceleration 2	1968
19690080286	Microwave research Quarterly status report, 1 Aug. - 31 Oct. 1968	1968
19690080287	Composite thermal protection systems Technical report, 1 Nov. 1965 - 16 Dec. 1967	1968
19690080288	Experiences in using sliding air bearings	1968
19690080289	An analysis of a versatile printed-pattern resolver	1968
19690080290	Location of the differential rectification in the production of maps and plans	1968
19690080291	Structural and water path relations for cylindrical shells vibrating in water	1968
19690080292	Theoretical analysis of the phasor characteristics of the step recovery diodes as applied to RF strapped down missile seeker Final report	1968
19690080293	Evaluation of foam-in-place packaging material produced by Kerr Company and by Upjohn Company	1968
19690080294	Fire-resistant summer flight suit Final report	1968
19690080295	Performance characteristics of a group of nonreciprocal digital latching ferrite S-band phase shifters Interim report	1968
19690080296	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690080297	Quartz crystal aging effects Semiannual report, 15 Feb. - 15 Aug. 1968	1968
19690080298	Megavolt-megampere electron gun study Final report, 1 Oct. 1967 - 15 Nov. 1968	1968
19690080299	Array optimization criteria Progress report, 22 Sep. 1967 - 21 Sep. 1968	1968
19690080301	Riometer studies of the interrelations of radio noise and absorption Final report	1968
19690080302	Approximate calculation methods for gas lubricated journal bearings	1968
19690080304	Manufacturing methods for large high-temperature sandwich structures Interim engineering progress report, 17 Mar. - 16 Jun. 1968	1968
19690080305	Evaluation of transistors 2N1410,APN 11150932, 2N2971,APN 11151262, 2N2979,APN 11150758, 2N3444,APN 11150889, 2N3635,APN 11151423	1968
19690080309	Probability of the mean position error	1968
19690080310	Improved silver-zinc batteries Interim report	1968
19690080311	Applications of nickel Annual report	1968
19690080312	Examination of a Russian altimeter /two-pointer type, range 17 km/ Final report	1968
19690080313	Reliable connectors for flat electric cables	1968
19690080314	On line computer techniques for photo intelligence analysis Final report, 26 Jun. 1967 - 21 Aug. 1968	1968
19690080315	High speed flows past transverse jets Final report, Jun. 1967 - Oct. 1968	1968
19690080316	Correlation between digital signals and the problem of switching-circuit analysis and synthesis	1968
19690080317	The development, fabrication, and evaluation of sonic fatigue resistant aerospace structures utilizing viscoelastic materials Interim technical report, 1 Oct. - 31 Dec. 1968	1968
19690080318	Design, fabrication, and testing of glass-fiber-reinforced-plastic box beam structures three spar configuration Final report	1968
19690080319	Beam steering ultrasonic transducer study Final report, 2 Aug. 1967 - 2 Aug. 1968	1968
19690080321	Ultraviolet ion laser Semiannual report, 1 Apr. - 30 Sep. 1968	1968
19690080323	Design and fabrication of a 1.0 kW direct oxidation acid electrolyte fuel cell system Final report, Mar. 1966 - Aug. 1967	1968
19690080324	Microwave oscillations in bulk semiconductors Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19690080330	From the experience on our aerotriangulation work	1968
19690080331	Experimental investigation of high nu/gamma electron beam transport	1968
19690080333	A method for evaluating statistical averages	1968
19690080334	Design manual for selected SCR static inverters. Volume 1 - Comparison and description of inverters	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080335	BLM-143 Ku beacon magnetron production engineering measure Quarterly progress report, 1 May - 31 Jul. 1968	1968
19690080338	Special attitude and orbit tape extract program for the Energetic Particle Explorer satellite /EPE-D/	1968
19690080339	Space communication. Division 6 Quarterly technical summary, 1 Sep. - 30 Nov. 1968	1968
19690080340	Ion excitation applied to the measurement of the properties of molecular oxygen in high speed flows Final report, 1 May 1967 - 30 Apr. 1968	1968
19690080341	Multi-chip integrated circuit package Quarterly report, 1 Sep. - 30 Nov. 1968	1968
19690080343	Photoemission from semiconductors Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19690080344	Development study for parachute test facility, El Centro, California, 1968-1980 Final report, 15 Jan. - 1 Jul. 1968	1968
19690080345	Definition and analysis of flight command functions and computations Final technical report, Nov. 1967 - Sep. 1968	1968
19690080346	Techniques for producing beryllium oxide single crystals Interim report, 1 Oct. - 31 Dec. 1968	1968
19690080348	Structural analysis of a test-weight Minuteman wing 1 second-stage aft closure for Project Nomad Technical report, Sep. 1967 - Jul. 1968	1968
19690080351	Development of improved biaxial strength in titanium alloy rocket motor cases through texture hardening, phases 2 and 3 Technical report	1968
19690080354	A hydrodynamic difference scheme for application to light-gas guns	1968
19690080355	Sensitometric test and evaluation of Virilour and Vee Cee rapid photographic papers Final technical report	1968
19690080356	Hot gas secondary injection thrust vector control demonstration program, volume 2 Final report, Feb. 1966 - Sep. 1968	1968
19690080357	Hot gas secondary injection thrust vector control demonstration program, volume 3 Final program report, Feb. 1966 - Sep. 1968	1968
19690080359	Toroidal combustion chamber evaluation /U/ Final report, Jan. 1967 - Oct. 1968	1968
19690080360	Toroidal combustion chamber evaluation, summary volume /U/ Final report	1968
19690080361	J-2 program /U/ Bimonthly progress report, Sep. - Oct. 1968	1968
19690080368	Investigation of high and low temperature resistant explosive devices /U/ Annual report, 1 Jan. - 31 Dec. 1968	1968
19690080370	Return from space to earth	1968
19690080371	Application of thin films in electronics	1968
19690080372	Advanced chemical milling processes Final technical report, 1 Oct. 1966 - 31 Jul. 1968	1968
19690080373	Combined boride layers on unalloyed steels	1968
19690080374	Improved CDTE solar cell and array environmental effects investigation Quarterly technical progress report, 1 Jun. - 31 Aug. 1968	1968
19690080375	Photoemission from semiconductors Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690080376	Photoemission from semiconductors Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690080379	Transactions of the Institute of Fluid-Flow machinery, number 34, 1967	1968
19690080380	Beam divergence of plane parallel cavities	1968
19690080381	High power generation techniques Final report, 15 Dec. 1967 - 15 Nov. 1968	1968
19690080383	Aerodynamic characteristics of Mars probe/lander shapes	1968
19690080384	Powder metallurgy and infiltration technology of self-cooled tungsten rocket nozzles Interim engineering progress report, 15 Jul. - 15 Nov. 1968	1968
19690080385	Design and performance of the components for the barium-oxide beam tube	1968
19690080387	Interference prediction model development - Digital propagation in turbulent atmosphere	1968
19690080388	Preparation and characterization of high-strength and high-modulus filaments by carbon	1968
19690080389	Study of resettable non-volatile memory counter, phase 1 Final report	1968
19690080390	Near-resonant vibrational energy transfer among isotopes of CO sub 2	1968
19690080391	Rayleigh wave analysis of atmospheric explosions	1968
19690080392	Ultraviolet radiation and the terrestrial surface	1968
19690080393	The chemistry and mechanics of combustion with applications to rocket engine systems Annual report, 1 Sep. 1967 - 31 Aug. 1968	1968
19690080394	Kinetic study of the zinc electrode by modified pulse techniques and concentration gradients Final technical report	1968
19690080396	Excitation of radio transmitting antennas by high-altitude EMP, volume 2	1968
19690080397	Impact machine for dynamic tests of aircraft landing gears	1968
19690080398	Thermomechanical strengthening of fcc metals Final technical report, 1 Jan. 1967 - 31 Dec. 1968	1968
19690080399	A study to improve the low level meteorological simulator, volume 1 Final report, 15 May 1967 - 14 May 1968	1968
19690080400	A study to improve the low level meteorological simulator, volume 2 Final report, 15 May 1967 - 14 May 1968	1968
19690080401	A study to improve the low level meteorological simulator, volume 3 Final report, 15 May 1967 - 14 May 1968	1968
19690080403	Russian bioastronautics. Volume 2. Report bibliography	1968
19690080404	Short take-off planes. Volume 1. Report bibliography, 1956 - February 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080407	The development and evaluation of a hydrocarbon binder for high energy solid propellants Final technical report, 14 Mar. 1967 - 13 Sep. 1968	1968
19690080408	Acoustic wave scattering from a corrugated inelastic boundary	1968
19690080410	Analytical determination of the spatial distribution of radiation emanating from ballistic missiles in flight /U/ Final report, 1 Jun. 1967 - 30 Sep. 1968	1968
19690080414	Optimized binders for propellant containing high-energy oxidizers /U/ Final report	1968
19690080417	Chamber technology for space storable propellants /U/ Monthly progress report, period ending 26 Nov. 1968	1968
19690080422	Frictional properties of synthetic MOS2 and a new lubricating compound WS2	1968
19690080423	The fundamentals of hazard analysis	1968
19690080424	Ionosphere data report, November, 1968	1968
19690080425	Fifty ampere turn-off switch Quarterly report, 15 Aug. - 15 Nov. 1968	1968
19690080426	National construction of spectrometers for investigating Electron Paramagnetic Resonance /EPR/	1968
19690080427	Propulsive re-entry aerodynamics Interim report, 1 Jun. 1967 - 1 Jun. 1968	1968
19690080428	Biocompatible paint strippers and aircraft cleaners Final report, 1 Nov. 1967 - 31 Dec. 1968	1968
19690080429	Development of improved cutting tool materials Interim engineering progress report, 16 Sep. - 15 Dec. 1968	1968
19690080431	Statistical presentation of landing parameters for models T-2B, TS-2A, and T-28 aircraft aboard the USS Lexington CVS-16, and for model T-2B aircraft at Sherman and Bronson fields, NAS, Pensacola, Florida Progress report, 24 Mar. - 10 Apr. 1968	1968
19690080434	The Omega digital phase shifter, model 2 Research/development report, Jan. - May 1968	1968
19690080435	Investigation of internal ballistic effects in spinning solid propellant motors Final report, 1 May 1967 - 30 Apr. 1968	1968
19690080436	Measurement of three-dimensional absolute antenna gain patterns Final technical report, Jan. - Oct. 1968	1968
19690080437	Chromium base alloys Final report	1968
19690080439	Queueing and linear programming theory applied to an engine repair facility	1968
19690080440	Power limiting of Q-switched lasers Quarterly engineering report, 1 Sep. - 30 Nov. 1968	1968
19690080441	A-7D estimated flying qualities	1968
19690080444	Preparation of furnace temperature profiles by computer	1968
19690080445	Development of a high-strength high-modulus ceramic fiber Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19690080446	Prototype switching regulators Final report	1968
19690080448	Improved radiant heat source Technical report, Sep. 1966 - Mar. 1968	1968
19690080450	Vortex augmented cooling of DeLaval nozzles Technical report, Jan. - Sep. 1967	1968
19690080451	Sound radiated by spheres falling in poly /ethylene oxide/ solutions	1968
19690080453	Generation of water waves by turbulent wind flow	1968
19690080454	Gunn and LSA oscillators	1968
19690080455	A flexible, HF sweep-frequency sounder with submicrosecond resolution	1968
19690080456	Three-dimensional motions in the vicinity of merging polar front and subtropical jet streams	1968
19690080457	Plasma convergence in the nighttime D-region by horizontal and vertical wind variations Research and development report, Oct. 1966 - Apr. 1968	1968
19690080459	Lubrication of forging dies with low-melting glass powder	1968
19690080460	The effect of metallurgical factors on the properties of heat-resistant nickel-base alloys	1968
19690080462	Research on tropical rainfall patterns and associated mesoscale systems Final report, Jun. - Oct. 1968	1968
19690080463	Conference on the Technology of New Nuclear Materials Including Fuel Elements, Prague, 1-5 July 1963	1968
19690080465	The excitation of helium by high energy proton bombardment at various pressures	1968
19690080466	Plasma research on millimeter wave devices - Development of a 60-to-90 GHz plasma waveguide switch Interim report, 1 Jun. - 31 Dec. 1968	1968
19690080468	Combustion characteristics of crystalline oxidizers Quarterly report, 1 Aug. - 31 Oct. 1968	1968
19690080470	Production Engineering Measure /PEM/ for silicon mixer diode Progress report, 1 Jul. 1967 - 30 Sep. 1968	1968
19690080471	A bibliography of human factors in airborne weapon systems	1968
19690080472	Angle tracking capability of a microwave interferometer system	1968
19690080473	Computer-controlled Automatic Test Equipment /CATE/ for electronic systems	1968
19690080475	Relay selection simplified	1968
19690080476	The wall set beneath an external counter flowing stream Quarterly status report, 1 Feb. - 30 Apr. 1968	1968
19690080477	Identification of exhaust species from the combustion of LM and LMH fuels Final report	1968
19690080478	Seismic data laboratory Quarterly technical summary report, Jul. - Sep. 1968	1968
19690080481	Fifty ampere turn-off switch Quarterly report, 15 May - 15 Aug. 1968	1968
19690080485	An EPR investigation of polymer fracture	1968
19690080487	Construction of a pulsed superheterodyne EPR spectrometer	1968
19690080491	High response differential pressure transducer, phase 3 Final report, 15 Sep. 1967 - 1 Sep. 1968	1968
19690080492	Advanced technology for integrally formed structures Interim engineering progress report, 1 Jun. - 30 Sep. 1968	1968
19690080497	Wall shear stress and viscosity calculations for explosively driven shock tube flows	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080498	Research in photosynthesis Final report, 1 Jul. 1967 - 31 May 1968	1968
19690080499	The development of an airborne solid state teletypewriter with cathode ray tube display Final technical report, Jul. 1967 - May 1968	1968
19690080501	Application of atomic energy to jet engines	1968
19690080503	Qualification test of bearingless differentials	1968
19690080504	Design and development of equipment used for the recording and retrieval of transient electrical signals. Part 1 - Tape recorder discriminator Final report	1968
19690080505	Design and development of equipment used for the recording and retrieval of transient electrical signals. Part 2 - One nanosecond sampling gate recorder	1968
19690080506	Applied optics research Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19690080507	A programmed instructional course in side-looking radar imagery interpretation, Book 7	1968
19690080509	Integration of data presentation system	1968
19690080510	Effect of chemical milling on the fatigue strength of low alloy steel forgings	1968
19690080511	The use of bistatic radars for the diagnosis of wake velocity spectra	1968
19690080513	An analysis of the development, need and theory of the Air Force cost/schedule planning and control specification	1968
19690080514	Coldweld hi-reliability quartz crystal units CR-1018 and CR-65/U Quarterly report, 25 Feb. - 25 May 1968	1968
19690080515	Fracture mechanics and safe life design	1968
19690080516	Correction for radar-induced spectral broadening in wake velocity measurements	1968
19690080518	Hydraulic plumbing for advanced aerospace vehicles Quarterly technical report, 31 May - 30 Sep. 1968	1968
19690080522	Stimulus rate differences and vigilance performance	1968
19690080523	The wall jet beneath an external counter-flowing stream Quarterly status report, 1 May - 31 Jul. 1968	1968
19690080525	Coldweld hi-reliability quartz crystal units CR-1010 and CR-65/U Quarterly report, 25 May - 25 Aug. 1968	1968
19690080527	Fatigue properties of X7080-T7 aluminum alloy	1968
19690080529	Reliability analysis of the Titan 3 BCD first and second stage liquid rocket engines. Volume 2 - Component level failure mode and effect analysis	1968
19690080530	The systems concept for a hazard analysis of large solid propellant rocket motors	1968
19690080533	Research on plasma dynamics Final report, 1 Dec. 1967 - 30 Sep. 1968	1968
19690080534	The Christiansen optical dispersion filter - A bibliography Special publication, May - Aug. 1968	1968
19690080535	High energy batteries Final report, 1 Jun. 1967 - 30 Jun. 1968	1968
19690080536	Investigation of flame front propagation Quarterly report, Oct. - Dec. 1968	1968
19690080537	Statistics of the estimators of spectral moments with applications to radar measurement of wake Doppler spectra. Part 1 - Noise-free case	1968
19690080538	Digital integrator study Final technical report	1968
19690080540	Laser ranging system simulation	1968
19690080541	Low-temperature epitaxy of silicon junctions by ultra-high vacuum techniques Final technical report, 1 Sep. 1967 - 1 Sep. 1968	1968
19690080543	Hydrogen peroxide evaluation Final report, 1 Oct. 1965 - 30 Apr. 1966	1968
19690080544	The 2-azido-2 prime-nitrenobiphenyl	1968
19690080546	An analysis of advance procurement planning at Aeronautical Systems Division	1968
19690080547	Trapping and spectroscopic study of metastable molecules Final report, 1 Dec. 1966 - 1 Aug. 1968	1968
19690080548	Nonlinear theory of sandwich shells with strong orthotropic core	1968
19690080549	Advanced electron optics Technical report, Jul. 1967 - Jun. 1968	1968
19690080550	Error-control tests of San Francisco fleet broadcast. Interim report - Doppler shift and multipath spread controls limitations on error rate Research and development report, Feb. - Aug. 1968	1968
19690080551	F-4M airplane demonstration planning, progress and data report. Volume 1 - Planning and progress	1968
19690080552	F-4M airplane demonstration planning, progress and data report. Volume 2 - Demonstration data	1968
19690080553	Contribution to the measurement of nonstationary stochastic signals	1968
19690080554	Design of an audio delay equalizer	1968
19690080555	One watt, X band tunable oscillator Final report, 29 Mar. 1963 - 29 Jul. 1968	1968
19690080556	High peak power microwave devices Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690080557	Second source for crossed-field amplifier Interim report, 28 Feb. - 28 Jun. 1968	1968
19690080559	Development of fatigue data for several alloys for use in aerospace design Progress report, May - Aug. 1968	1968
19690080560	Usefulness of plotting constant-gradient contours on maritime maps as an aid for interpretation of radar images	1968
19690080561	Statement of work for flight test data analysis	1968
19690080562	Project Themis - A center for remote sensing Semiannual technical report, Sep. 1967 - Apr. 1968	1968
19690080564	The effect of stress aging on the yield strength of 250 grade, 18 percent nickel maraging steel sheet	1968
19690080565	Graphical man/machine communications Semiannual technical report, 1 Jun. - 30 Nov. 1968	1968
19690080567	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Aug. - 31 Oct. 1968	1968
19690080568	Wind tunnel test of the superstructure of the R/V Flip for assessment of wind field distortion	1968
19690080569	AN/ASN-42 inertial navigation system reliability sample test data Final report	1968
19690080570	Precision measurement of satellite acceleration - The LOGACS experiment	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080571	Preliminary analysis of the effect of Young's modulus on fast pulse reactor behavior	1968
19690080572	Gamma radiation source calibration using active spaceflight tissue-equivalent dosimeters Technical report, 1 Aug. 1967 - 1 May 1968	1968
19690080573	An analysis of the resistance characteristics of length/beam ratio 6-54 Captured Air Bubble /CAB/ vehicles Final report	1968
19690080575	Development and suitability study of two portable 300-watt thermoelectric generators	1968
19690080576	Analysis of number of eigenvalues needed when computing temperatures for multilayer cylinders using the exact solution method	1968
19690080577	Preproduction tests of four type MS 18045-42, 24 volt, 31 ampere-hour, lead-acid, aircraft batteries representing two positive paste mixing processes, manufactured by Teledyne, Inc., Gill Electric Division	1968
19690080578	Investigation of rotary actuation technique Quarterly technical report, 3 Jul. - 3 Oct. 1968	1968
19690080580	Determining the maximum continuous and maximum overload ratings of radio frequency suppression devices Final report	1968
19690080581	A linear closed loop system analysis procedure using line printer plots of characteristic equation root loci	1968
19690080582	Scientific experiment test plan - Kinetic energy estimates of seismic magnitude	1968
19690080583	New solid state defect structures Final report	1968
19690080586	US Navy satellite geophysics program Status report, Apr. - Jun. 1968	1968
19690080587	Airborne long-focal-length camera system	1968
19690080589	Polymer-based silt-stabilization system and application equipment for salvage operations, phase 2 Final report	1968
19690080590	Material properties for AFTON code Interim report, 1 Jul. - 1 Sep. 1968	1968
19690080591	The selective plating of precious metals in printed circuits	1968
19690080593	An outline of the NWL astro-geoceiver system and 1967 data analyses	1968
19690080594	Reliability of an information network of complex structure	1968
19690080595	Electromagnetic analog device designated EAU analog computer for solution of Dirichlet and Neumann half-space problems and certain related problems of applied geophysics	1968
19690080596	Evaluation of trial production and materials for insulated liner in winter flight suits	1968
19690080598	Solid solution strengthened beryllium alloy ingot sheet Final report, Aug. 1967 - Sep. 1968	1968
19690080599	Electron microprobe investigation of titanium coated surfaces	1968
19690080600	Ion beam optical figuring	1968
19690080601	The effect of acceleration on the burning rates of composite and double base solid propellants	1968
19690080602	Preproduction tests of four/two original submissions and two replacement/, type MS18045-44, 24-volt, 10 ampere-hour, nickel-cadmium aircraft batteries manufactured by Gulton Industries, Incorporated	1968
19690080606	Shock production, Langmuir probe diagnostics, and instabilities in a nitrogen plasma	1968
19690080607	Preproduction tests of two type MS90447-2, 22.7-volt, 9 ampere-hour, nickel-cadmium aircraft storage batteries manufactured by Sonotone Corporation	1968
19690080608	Inspiratory resistance as a limiting factor in exhausting work Technical report, 28 Mar. - 3 Aug. 1967	1968
19690080612	Experimental investigation of turbulent jet attachment to a convex wall	1968
19690080614	Summary of VLF and LF computer codes	1968
19690080615	Qualitative comparison of three V/STOL aircraft /XV-6A, XC-142A, X-22A/ Final report, 1967-1968	1968
19690080616	Whisker reinforced metals Quarterly technical report, Aug. - Nov. 1968	1968
19690080617	Penetrability of haze, fog, clouds and precipitation by radiant energy over the spectral range 0.1 micron to 10 centimeters	1968
19690080618	Theoretical contribution on the interaction between a shockwave and a submarine Final report, 1 Jun. 1966 - 31 May 1968	1968
19690080619	Transient response of mechanical oscillators mounted on an elastic plate Final report, 1 June 1966 - 31 May 1968	1968
19690080620	A study of the capture coefficients of nitrogen and carbon dioxide	1968
19690080622	Operation PCA 69 program document for the DASA 1969 polar capabsorption PCA measurements program	1968
19690080623	Improved CDTE solar cell and array environmental effects investigation Quarterly technical report, 1 Sep. - 30 Nov. 1968	1968
19690080624	Metal inserts in plastic parts	1968
19690080626	Glass-ceramic surfaces, straight triangular passages - Heat transfer and flow friction characteristics	1968
19690080627	State-of-the-art review aircraft power plant compressors and fans Final report	1968
19690080628	Electronic location finder system Final engineering report	1968
19690080631	Using the geodimeter to measure the refraction correction by dispersion	1968
19690080632	Scientific experiment test plan - Parametric study of seismic array gain	1968
19690080634	The use of a stereoscope in aerial photo interpretation	1968
19690080636	Development of improved cutting tool materials Interim engineering progress report, 15 Jun. - 15 Sep. 1968	1968
19690080637	Cryoelectric circuits for ASP Final technical report, 26 Feb. - 26 Aug. 1968	1968
19690080638	Transformer rectifier, 300 deg C	1968
19690080639	Application of associated polynomials to circuits and systems	1968
19690080640	Athena 5-120B, flight 104 /14 November 1968/ and Athena D-062, flight 105 /15 November 1968/	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080641	Functionality determination of binder prepolymers Final report, 1 Oct. 1966 - 30 Sep. 1968	1968
19690080642	Advanced concepts of microwave power generation and control insolds Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690080643	Ion sources for the production of low energy beams	1968
19690080644	Listener discrimination of broadband FM echoes from simple geometric targets	1968
19690080645	Supersonic aircraft fuel tank fire hazard investigation Final technical report, 31 Mar. 1967 - 30 Jun. 1968	1968
19690080646	Integrated K-band transceiver Quarterly technical report, 1 Jul. - 30 Sep. 1968	1968
19690080647	Sound generation by turbulent two-phase flow	1968
19690080648	Safe operating area determination for prevention of second breakdown. Silicon power transistor type 2N1016D	1968
19690080651	Project HICAT - High altitude clear air turbulence measurements and meteorological correlations, volume 2 Final report, 13 Mar. 1967 - 31 Jul. 1968	1968
19690080652	Two-inch normally open pneumatic globe valve. NASA part number 75M05871-PGLV-18. NASA control number 3083-4	1968
19690080655	Safe operating area determination for prevention of second breakdown. Silicon power transistor S2N4150	1968
19690080656	Research and development programs Quarterly report, Oct. - Dec. 1968	1968
19690080659	Advanced theoretical and experimental studies in automatic control and information systems Semiannual status report, 1 Jul. - 31 Dec. 1968	1968
19690080661	A study of launch operations with a beryllium motor upper stage Final report	1968
19690080665	Safe operating area determination for prevention of second breakdown. Silicon power transistor type 2N2126	1968
19690080667	Demonstration of Freon-treated motor Final report	1968
19690080668	Production implementation, high-energy impact rubber forming Quarterly report for period ending 10 Dec. 1968	1968
19690080669	Characterization of maximal ideals	1968
19690080670	Signal Data Demodulato System /SDDS/ FM demodulator modifications study	1968
19690080671	Solid state amplitude modulated acoustic anemometer	1968
19690080676	FY69 applied optics research report Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690080678	Hypersonic aerospace-vehicle structures program. Volume 2 - Generalized mass properties analysis, part 2 Final report, 7 Mar. 1967 - 16 Aug. 1968	1968
19690080682	A geometric description technique suitable for computer analysis of both the nuclear and conventional vulnerability of armored military vehicles Final report	1968
19690080683	The bending of space curves into piecewise helical curves	1968
19690080684	A study of microwave interaction with a thin semimetal film Interim development report, 1 Jul. - 15 Dec. 1968	1968
19690080687	Calibration of turbine test rig with impulse turbine at high pressure ratios	1968
19690080692	Service life test on the M58A2 rocket motor /AIM 4A/4D missiles/. Phases 10 and 11 /U/	1968
19690080694	Improved internal and external insulations for rocket motors /U/ Quarterly progress report, 1 Sep. - 30 Nov. 1968	1968
19690080704	Reliability for the LSI age	1968
19690080706	A method for determining the parameters of ordinary differential equations	1968
19690080711	Advanced variable thrust compact combustor /U/ Quarterly progress report, 1 Jun. - 31 Aug. 1968	1968
19690080712	Infrared image tube improvement program summary /U/	1968
19690080713	Solid fuels for supersonic combustion /U/ Final report, Jul. 1967 - Jul. 1968	1968
19690080720	An experimental investigation of the surface pitot probe including effects of heat transfer and compressibility Final report	1968
19690080721	Wind-tunnel tests of the Hughes rotor-wing model at high advance ratios	1968
19690080722	Design and development of tactical data display group AN/ASA-66 Interim engineering report, 1 Jan. - 15 Sep. 1968	1968
19690080726	Target classification using likelihood ratios and quadrature components	1968
19690080727	Cost reduction study of a computer for inertial navigation	1968
19690080728	Generalized programming solution of continuous-time linear-system optical control problems	1968
19690080729	Realization of arithmetic operations with numerals expressed in the decimal system with the aid of operation tables	1968
19690080730	The effect of the subsolar atmospheric bulge on satellite re-entry latitudes	1968
19690080731	Propulsion technology. Monthly survey no. 2	1968
19690080732	A high power microwave diode phase shifter Final development report, 16 Dec. 1966 - 1 Oct. 1968	1968
19690080733	Microelectronics receiver techniques study Interim development report, 28 Oct. - 24 Dec. 1968	1968
19690080734	Progress under the Pennsylvania-Princeton- Army avionics research program Annual technical report, 1 Jun. 1967 - 30 Jun. 1968	1968
19690080735	Low-frequency combustion instability Progress report, 1 Oct. 1967 - 31 Mar. 1968	1968
19690080736	Studies in plasma physics, quantum electronics, radioscience, solid-state electronics, system techniques, and systems theory Quarterly status report, 1 Oct. - 31 Dec. 1968	1968
19690080737	Long-range ice outlook Antarctic /1968-1969/	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080738	Hypersonic aerodynamic interference analysis of parallel staged blunt delta wings Final report, Sep. 1966 - Aug. 1967	1968
19690080739	MARVES, a language for trajectory computations	1968
19690080740	Possibilities of coupling the ZRA 1 digital computer with analog computers	1968
19690080741	Orthographic plotting techniques Final report, 1 Aug. 1967 - 1 Jul. 1968	1968
19690080742	Course 'filling station'	1968
19690080743	Radiation of spatially incoherent noise - Circular and rectangular plane sources Final report, 1 Oct. 1967 - 30 Sep. 1968	1968
19690080744	P-3C antenna coupler Interim engineering report, 15 Jul. - 15 Oct. 1968	1968
19690080745	Kinetics and mechanism of the thermal disintegration of acetylacetone	1968
19690080746	A system for calibrating noise generators for the L frequency band	1968
19690080750	Ionospheric data report, December 1968	1968
19690080755	Combustion mechanism of low burning rate propellant /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690080756	Theoretical, investigative, and experimental program directed toward design and development of an improved gallium arsenide infrared light source /U/ Final technical report, 30 Jun. 1965 - 30 Jun. 1968	1968
19690080758	Production engineering measure on laser-diode array /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690080759	J79-GE-10 engine stall-flameout investigation /U/ Final technical report	1968
19690080761	An investigation of a process for producing continuous beryllium fiber /U/ Final technical report, 5 Sep. 1967 - 4 Oct. 1968	1968
19690080763	Doppler tracking of near earth satellites, 1968 /U/	1968
19690080765	High energy plasticizers /U/ Final technical report, 1 Apr. 1966 - 30 Sep. 1968	1968
19690080766	M532 electronics telemeter /U/	1968
19690080767	Development of high temperature metals and composites for advanced rocket nozzles and associated structures /U/ Quarterly report, 1 Sep. - 30 Nov. 1968	1968
19690080768	Airborne MTI radar studies /U/ Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968
19690080773	Information on over-the-horizon radar. Part 16 - Ionospheric disturbance and HF radar	1968
19690080774	Contrast transmission data for clear and hazy model tropical atmospheres, volume 1	1968
19690080775	Contrast transmission data for clear and hazy model tropical atmospheres, volume 2 Interim report	1968
19690080776	Contrast transmission data for clear and hazy model tropical atmospheres, volume 3	1968
19690080777	Review on color matching functions	1968
19690080778	Nondestructive inspection of reinforced plastic structures by the nuclear quadrupole resonance method, part 3 Final report, 12 Dec. 1967 - 12 Dec. 1968	1968
19690080779	Experimental objective analysis and numerical prediction of sea surface temperature	1968
19690080780	Research and engineering data on inhibited N sub 2 O sub 4 Final report, 1 Oct. 1966 - 15 Oct. 1968	1968
19690080782	Computer program subroutine documentation for some thermodynamic and transport properties of steam	1968
19690080783	Propulsion development department review. Part 4 - Liquid and air-breathing propulsion /U/ Progress report, Jul. - Sep. 1968	1968
19690080784	Propulsion development department review. Part 2 - Propellants and materials /U/ Progress report, Jul. - Sep. 1968	1968
19690080786	Moving Target Indicator /MTI/ for APQ-99 forward looking radar /RF-4C/ /U/ Final report	1968
19690080787	Surveillance of Tartar rocket motor Mk 27 Mod 0 /U/	1968
19690080793	Production engineering measures for hybrid integrated circuit solid state front end Quarterly progress report, 29 Jun. - 29 Sep. 1968	1968
19690080794	Problems of aircraft tires operating at high rolling speeds	1968
19690080797	Interaction in spatially nonuniform beam-plasma systems	1968
19690080800	Techniques applied to the in-process measurement of surface layer quality of semiconductors /infrared scanning transmission microscopy for detection of structural defects in silicon/	1968
19690080801	Techniques applied to the in-process measurement of surface layer quality of semiconductors /measurement of X-ray intensity in Berg-Barrett reflection topography and irradiation effects on silicon 'in-process' wafers/	1968
19690080805	Trends in usage of rhenium Annual report	1968
19690080806	Interference prediction model development - Procedures for sequential estimation of P/R plus/	1968
19690080811	Thermal radiation protection clothing assembly /U/ Interim report	1968
19690080813	Ionic fluorine chemistry /U/ Semiannual status report, 1 May - 30 Nov. 1968	1968
19690080816	Low Light Level Television /LLLTV/ system for UH-1 helicopter /U/ Final report	1968
19690080817	Study of separately launched multi-use space electrical power system. Volume 1 - Summary volume	1968
19690080818	Study of separately launched multi-use space electrical power system. Volume 2 - Technical volume, book 1	1968
19690080819	Study of separately launched multi-use space electrical power system. Volume 3 - Review of ORNL heat source design	1968
19690080820	Study of separately launched multi-use space electrical power system. Volume 4 - Reference heat source design - SLPM	1968
19690080821	Study of separately launched multi-use space electrical power system. Volume 5 - Development plan and cost	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080822	Feasibility of hybrid pyrotechnic signature generation techniques Final report, 18 Dec. 1966 - 18 Dec. 1967	1968
19690080823	Evaluation of test techniques for advanced composite materials Technical report, 10 Jul. 1967 - 30 Mar. 1968	1968
19690080824	Further studies of jet contrail nucleation and visibility characteristics Final report, Jun. 1967 - May 1968	1968
19690080825	Evaluation of adsorption kinetics in carbonaceous beds. Collective protection against CB agents Final report, Jun. 1964 - Feb. 1967	1968
19690080827	Research on the electrochemical oxidation of hexane and its isomers Semiannual interim report number 6, 16 May - 15 Nov. 1968	1968
19690080828	Propagation of helicon waves in INSB and INAS	1968
19690080831	Generalized Kickstage study. Volume 1. Briefing - Generalized Kickstage study Final report	1968
19690080832	A 15-kW hydrocarbon fuel cell electric power plant modifications, phase 2	1968
19690080834	Sparta program - Surface mass injection at supersonic and hypersonic speeds as a problem in turbulent mixing. Part 2. Axially- symmetric flow	1968
19690080836	Interference prediction model development - Skywave model, second edition	1968
19690080838	Interference prediction model development - Sensitivity to parameter error - Clear channel case	1968
19690080841	An experimental study of the unsteady forces induced on a rudder due to a propeller acting in a wake	1968
19690080842	Investigation of contrast degeneracy with increasing scatter concentration for a water medium when illuminated with and without a circularly polarized source	1968
19690080843	Microwave scattering from an agitated water surface	1968
19690080844	Extended investigations of flow-induced noise Final report	1968
19690080845	Orbital workshop lighting level simulation test - Analysis of the comparison of illumination levels using original and proposed light locations and color schemes in the crew quarters floor 1 area	1968
19690080849	Network postmission report on the Apollo-Saturn 501 /AS-501/ mission	1968
19690080850	Convective heat transfer in rocket engines - Part 3 - Transport properties of gases at high temperature	1968
19690080851	Coherent techniques for automatic direction finders Quarterly progress report, 15 Apr. - 14 Jul. 1968	1968
19690080853	Category 1 final test report for the 484N-/B/ Kanto Plains communications system	1968
19690080854	Laser technique for poor weather landings /Part 2/	1968
19690080855	Data systems procedures	1968
19690080856	Fabrication and evaluation tests of folding sidewall tires for military use. Section 2 - The 7.00-16 folding sidewall tire Final report, Jul. 1967 - Oct. 1968	1968
19690080858	Study of linear programming algorithms Semiannual progress report, 1 Apr. - 30 Sep. 1968	1968
19690080861	Effect of the geometric arc parameters and air-solid mixture concentration on resistance to movement in the bends of low pressure pneumatic pipeline transporters	1968
19690080862	Interference prediction model development - Propagation models	1968
19690080865	Evaluation of three point fatigue-cracked bend test parameters Final report, Oct. 1967 - Mar. 1968	1968
19690080868	Proton relaxation in MN/2 plus/ solutions. Effect of hyperfine coupling. Theory 1	1968
19690080869	A process and installation for the vacuum drying of materials sensitive to heat	1968
19690080874	The Fort Huachuca climate calendar Technical report, 1956-1967	1968
19690080875	Development and evaluation of a Precision Initiation Coupler /PIC/ system for shaped charges Interim report	1968
19690080876	Expanding cylindrical shock into ambient plasmas of high and intermediate density	1968
19690080877	The penetro-shear apparatus	1968
19690080881	Direction finder set, AN/ARN-89/XC-2/	1968
19690080882	Recorder/reproducer set, sound AN/AQH-V/ Interim engineering report, 10 Jun. - 31 Aug. 1968	1968
19690080884	Detection of surface electromagnetic effects Final report	1968
19690080885	System effectiveness comparison of four high voltage power supply configurations	1968
19690080887	Experimental investigation of the temperature flow field in the stagnation region of a blunt body in high speed rarefied flow Final report	1968
19690080895	A system for digital acquisition of trajectory data	1968
19690080899	Fuels research for supersonic combustion Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19690080904	Plane strain fracture toughness and mechanical properties of 2219-T87 aluminum and 51Al-2.5 Sn ELI titanium alloy weldments and one inch thick 5Al-2.5 Sn ELI titanium alloy plate	1968
19690080905	An automatic sorter for ferrite memory cores	1968
19690080906	Navigational error analyses for a ballistic missile	1968
19690080907	The problem of interference in neutron activation analysis	1968
19690080908	Calculation of spectral analysis functions using a fast Fourier analysis program	1968
19690080909	An analysis of the motivational effects of weighted guidelines	1968
19690080910	Ground support equipment for Launch Complex 34, Saturn 1B AS-205 vehicle, volume 1 Parts test information list	1968
19690080911	Ground support equipment for Launch Complex 34, Saturn 1B AS-205 vehicle, volume 2 Parts test information list	1968
19690080913	Aerodynamics and flight mechanics of Magnus-rotor bomblets. Volume 1 - Literature search Final report, Jun. 1967 - Jun. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080914	Aerodynamics and flight mechanics of Magnus-rotor bomblets. Volume 3 - Special aerodynamic studies Final report, Jun. 1967 - Jun. 1968	1968
19690080916	Large-scale integrated circuit computer for coordinated transmission	1968
19690080918	Interference prediction model development - Interference duty cycles in the probability scoring model	1968
19690080919	The dynamics of rotors in gas-lubricated bearings	1968
19690080921	Comparison of quantumeters, quantitative spectrometers with successive integration and those with parallel integration for spectrochemical analysis	1968
19690080922	Slip net mobility joints for pressure suits Final report, 1 Apr. 1967 - 31 May 1968	1968
19690080923	Observation of plasma resonances by microwave emission	1968
19690080928	A suggested method of synchronizing a remote clock with loran transmissions	1968
19690080932	An attempt to determine the unknown parts of the earth's gravity field from observations of successive satellite transits	1968
19690080937	Failure effects analysis ground support equipment for Launch Complex 34, Saturn 1B AS-205 vehicle. Volume 1 - Firing accessories	1968
19690080938	Failure effects analysis ground support equipment for Launch Complex 34, Saturn 1B AS-205 vehicle. Volume 2 - Liquid oxygen system	1968
19690080939	Failure effect analysis of ground support equipment for Launch Complex 34, Saturn 1B AS-205 vehicle. Volume 3 - Liquid hydrogen system and dc power system	1968
19690080940	Failure effects analysis ground support equipment for Launch Complex 34, Saturn 1B AS-205 vehicle. Volume 4 - RP-1 system and spacecraft support piping system	1968
19690080941	Failure effects analysis ground support equipment for Launch Complex 34, Saturn 1B AS-205 vehicle. Volume 5 - Pneumatic supply system	1968
19690080942	Failure effects analysis ground support equipment for Launch Complex 34, Saturn 1B AS-205 vehicle. Volume 7 - Environmental control system	1968
19690080943	Bechmanns number for harmonic overtones of thickness-shear vibrations of rotated y cut quartz plates Interim technical report	1968
19690080944	Investigation of high oil pressures encountered during cold starting tests of a Pratt and Whitney aircraft TF30-P-8 turbofan engine Final report	1968
19690080945	Evaluation of reed relays	1968
19690080946	Development of geodesic and cartographic techniques in the work of the main geodesy and cartography bureau during the 1945-1956 period	1968
19690080947	On the differential properties of entropy production	1968
19690080948	Optical technology program Interim technical report, 1 Oct. - 31 Dec. 1968	1968
19690080949	Specialized meteorological support to US Army RDT/E activities, fiscal year 1968 Annual report	1968
19690080952	Estimation of telemetry signal processing system performance for IMP-1	1968
19690080953	Test report for flexible metal hose, NASA drawing number 75MO5871-PFH-13 NCN-3398-4	1968
19690080955	Study to determine design criteria for a stereo fiber optics periscope for aircraft application Final report, 11 Apr. 1967 - 31 Dec. 1968	1968
19690080956	Method of calculating dual-rotor compressors for ducted-fan engines	1968
19690080959	Design analysis of direct lift control incorporation in the RA-5C aircraft Final report, Jul. 1967 - Dec. 1968	1968
19690080964	Mechanisms of solid state catalytic processes related to combustion Final report, 19 Apr. 1967 - 25 Jul. 1968	1968
19690080968	Circular-array radar antenna Final report, Jan. 1967 - Jul. 1968	1968
19690080973	A comparative study - Nimbus 2 satellite. Sea surface temperatures versus historical data in a selected region	1968
19690080974	Dynamic meteorology for aerographers mates. Part 3 - Hydrodynamics	1968
19690080975	Interference prediction model development - Sensitivity to parameter error. Basic concept	1968
19690080976	Relative vulnerability and cost-effectiveness study of transmission oil heat rejection systems Final technical report, Jul. 1967 - Jun. 1968	1968
19690080979	Considerations concerning high-resolving radar systems	1968
19690080982	On a law of moderation of irreversible chemical transformations	1968
19690080985	Applications of coherent light in signal- processing	1968
19690080986	Extended research and exploratory development personnel escape propulsion system Final report, 19 Jun. 1967 - 31 Oct. 1968	1968
19690080987	Integrated circuit engineering	1968
19690080990	Optical parametric amplifier Final report, 1 Apr. 1967 - 31 Aug. 1968	1968
19690080997	Marine geophysical survey program for 1965- 1967 - Western North Atlantic and eastern and central North Pacific Oceans. Area 6, volume 6 - Magnetics Final report, 28 Mar. - 27 Dec. 1967	1968
19690080998	S1-meter 2	1968
19690080999	Rating of vehicle engines according to characteristic data	1968
19690081001	Quarterly Bulletin of the Division of Mechanical Engineering and the National Aeronautical Establishment, 1 October - 31 December 1968	1968
19690081006	Investigation of the propagation of radio interference in ship installations and of the measures necessary to eliminate it	1968
19690081007	Beam forming for domed gallium arsenide diodes with computer generated reflectors	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081008	Theoretical consideration of possible techniques for the measurement of store drag in flight	1968
19690081010	Physiological and engineering study of advanced thermoregulatory systems for extravehicular space suits Semiannual status report, 16 Jun. - 15 Dec. 1968	1968
19690081011	Apollo 8/AS-503 calibration curves. Part 1 - Downlink measurements and on board displays for Command and Service Module /CSM-103/	1968
19690081012	Apollo 8/AS-503 calibration curves. Part 3 - Downlink measurements for Saturn launch vehicle	1968
19690081013	Thermal stability and kinetic studies of LMH-1 /U/ Annual technical summary report, 1 Nov. 1967 - 1 Nov. 1968	1968
19690081014	Surveillance of Tartar/Terrier gas generators Mk 2 Mod 1 and Mk 3 Mod 1 /U/	1968
19690081019	Hybrid tactical operations development /U/	1968
19690081022	Thermal management in cryogenic space propulsion /U/ Interim report, May 1965- Oct. 1968	1968
19690081023	Guidance and control for guided missiles and component development. Supporting research /U/ Technical status report, Oct. - Dec. 1968	1968
19690081029	Development program for improving S-1 photocathode sensitivity /U/ Quarterly technical report, 1 Jul. - 30 Sep. 1968	1968
19690081032	Direct view image integrating storage tubes /U/ Final report, 1 Jul. 1966 - 1 Oct. 1967	1968
19690081042	A programmed instructional course in side-looking radar imagery interpretation. Book 1. Basic radar principles, radar imaging principles /U/ Final technical report	1968
19690081043	Combined reconnaissance, surveillance and SIGINT model /CRESS/. Volume 1. Summary description Final report	1968
19690081044	Combined reconnaissance, surveillance and SIGINT model /CRESS/. Volume 2. Users handbook Final report	1968
19690081045	Combined reconnaissance, surveillance and SIGINT model /CRESS/. Volume 3. Computer programs Final report	1968
19690081049	Apollo 7/AS-205 operational calibration data for Command and Service Module /CSM-101/. Part 2 - Flight qualification recorder	1968
19690081050	Aberrations of radio signals traversing the auroral ionosphere - 68 MHz SSB phase sweep interferometer	1968
19690081051	A programmed instructional course in side-looking radar imagery interpretation. Book 2. Interpretation of airfields inland transportation /U/ Final technical report	1968
19690081052	A programmed instructional course in side-looking radar imagery interpretation. Book 3. Interpretation of bridges, port facilities, rural and urban areas /U/ Final technical report	1968
19690081053	A programmed instructional course in side-looking radar imagery interpretation. Book 4. Interpretation of military installations, transient targets /U/ Final technical report	1968
19690081054	A programmed instructional course in side-looking radar imagery interpretation. Book 5. Practical exercises /U/ Final technical report	1968
19690081055	A programmed instructional course in side-looking radar imagery interpretation. Book 6. AN/APQ-102A side-looking radar operational considerations /U/ Final technical report	1968
19690081058	New high performance cased liquid monopropellant ammunition /U/ Final report, 15 Nov. 1967 - 15 Apr. 1968	1968
19690081059	Development program for improving S-1 photocathode sensitivity /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1967	1968
19690081060	Reliability analysis of the Titan 3 BCD first and second stage liquid rocket engines, volume 1 /U/	1968
19690081061	SEC image intensifier vidicon tube, video and synchronizing circuit development /U/ Final report	1968
19690081064	Altitude qualification tests of a Pratt and Whitney aircraft TF30-P-3 turbofan engine /U/ Final technical report	1968
19690081065	Development of a three-stage 60-18 MM variable magnification image intensifier /U/ Quarterly technical report, 1 Aug. - 31 Oct. 1968	1968
19690081068	Aluminum hydride propellant shelflife /U/ Annual technical summary report, 15 Nov. 1967 - 15 Nov. 1968	1968
19690081071	Saturn model 2092 tape recorder Final report	1968
19690081074	Contaminant particles in Genera Electric X10G2023 transistors	1968
19690081109	Lunar percussive downhole drill engine and string assembly	1968
19690081112	Detachment of carbon deposits from a solid surface	1968
19690081113	Underwater detection and classification system test data analysis	1968
19690081118	Preliminary design of a prototype flight unit of a heat actuated environmental control system for Navy aircraft Final report, 16 Feb. - 16 Oct. 1968	1968
19690081121	Night vision goggles Quarterly interim report, 15 Jul. - 15 Oct. 1968	1968
19690081124	Soviet space research	1968
19690081125	Optical absorption meter progress report Technical report, 28 Jun. - 28 Sep. 1968	1968
19690081126	Storable concentrated hydrogen peroxide Final progress report, 1 Mar. 1966 - 31 Oct. 1968	1968
19690081128	Electrical properties of polycrystalline barium trititanate and barium tetratitanate Research and development report, Jun. 1960 - Dec. 1962	1968
19690081129	Electrochemical adaptive pattern recognition systems - 2 Final report	1968
19690081133	Contribution provided by earth-tides in the study of the rotation of the earth	1968
19690081136	A simple characterization of gate-to-substrate impedance in metal-oxide-semiconductor structures under nonequilibrium conditions	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081139	Five year aging of elastomeric vulcanizates in Panama, Alaska and Illinois	1968
19690081143	Propagation measurements and data transmission tests at millimetric wavelengths, phase 1 Final report, 17 Jun. 1966 - 31 May 1968	1968
19690081144	National Military Command System Support Center computer assisted analysis system. Operational capability description	1968
19690081145	Research in purification and single crystal growth of 2-6 compounds Progress report, 1 Oct. - 31 Dec. 1968	1968
19690081148	Individual lift device /U/	1968
19690081153	Study of Separately Launched Multi-use Space Electrical Power System. Volume 6. Classified Appendix 1 /U/	1968
19690081157	Tactical navigation satellite system study Quarterly technical report, 15 Sep. - 14 Dec. 1966	1968
19690081159	Production engineering measure for type CR-/XM-60//U crystal units Quarterly report, Jul. - Sep. 1968	1968
19690081161	Hydrolytic stability of commercial polyurethane vulcanizates	1968
19690081163	Performance evaluation tests of 20 and 24 foot parawings Final report	1968
19690081164	Studies and development of techniques for the application of reliability screening to silicon integrated circuits Final report, 28 Jun. 1967 - 31 Oct. 1968	1968
19690081166	Reliability of the AN/USQ-28 Shiran circuit board	1968
19690081167	Research and development of a ruggedized planar ceramic triode Final report, 9 Nov. 1964 - 28 May 1968	1968
19690081168	The theory of radar scatter from the ocean	1968
19690081170	An investigation of static and dynamic stress phenomena in silicon with infrared birefringence Final report, 12 Feb. - 11 Nov. 1968	1968
19690081171	Investigation of photo-angular effects Final report	1968
19690081172	Low light level TV viewfinder simulation program. Phase B. The effects of television system characteristics upon operator target recognition performance	1968
19690081178	Turbulent diffusion of small particles Quarterly progress report, Sep. - Dec. 1968	1968
19690081180	Problems of digital data storage in systems for pattern recognition	1968
19690081186	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 Aug. - 31 Oct. 1968	1968
19690081187	Production techniques for extruding, drawing, and heat treatment of titanium alloys Final technical documentary report, 1 Aug. 1965 - 30 Dec. 1968	1968
19690081188	Utilization of longitude differences to determine the instantaneous pole	1968
19690081189	Feasibility of glass-filament-wound plastics for Army rocket motor cases. Effect of various environments on the strength of pressure vessels Progress report	1968
19690081192	Elastic constants of fluorides of groups IA and IIA Research and development report, Jun. 1965 - Jun. 1967	1968
19690081193	Systematic errors in the solution of problems on analog computers and a method of compensation of these errors	1968
19690081194	Friction between glass fiber and resin in glass reinforced plastics	1968
19690081195	Mechanical properties, including fracture toughness and fatigue, corrosion characteristics and fatigue-crack propagation rates of stress-relieved aluminum alloy hand forgings Technical management report no. 3, 15 Aug. - 15 Nov. 1968	1968
19690081198	Digital spectral analysis using first-order recursive relations	1968
19690081200	Influence of wind profile on diffusion in the ground layer of the atmosphere in the presence of unstable stratification	1968
19690081203	Performance evaluation of an improved viewfinder for the RA-5C aircraft Interim report	1968
19690081207	Primary battery prove-out program for the Talos missile Final report	1968
19690081208	Production engineering measure crystal unit CR-/XM-56/U Quarterly report, 1 Sep. - 30 Nov. 1968	1968
19690081209	Stress distribution in a circular cylindrical shell with a circular reinforced cutout under external pressure	1968
19690081210	Research on the resonant gate transistor Final report, 1 Nov. 1967 - 30 Jun. 1968	1968
19690081215	Two terminal connected MHD generators with liquid and solid fuels	1968
19690081217	Interference cancellation system Final report, 28 Jun. - 30 Dec. 1968	1968
19690081219	Results of the test measurements of the stecometer, a precision stereocomparator manufactured by VEB Carl Zeiss Jena	1968
19690081220	Research in purification and single crystal growth of 2-6 compounds Progress report, 1 Jul. - 30 Sep. 1968	1968
19690081221	A statistical analysis of the aerodynamic effects of combined missile control surface deflections at a subsonic and a supersonic Mach number	1968
19690081222	Surface environment definition system /SUEDE/ program Final report on phase 2, 28 Jun. 1967 - 28 Mar. 1968	1968
19690081225	Application of methods common to elementary particle physics and many-body problems Final report, 15 May 1967 - 14 Nov. 1968	1968
19690081226	Kinetics of the elementary reactions Final report, 1 Oct. 1963 - 30 Sep. 1965	1968
19690081228	Semiconductor radiation detectors made in Czechoslovakia	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081229	Reliability investigation and failure analysis of Honeywell, Incorporated, fuel quantity indicators manufacturer's part number JG132B6 Final report	1968
19690081230	Decelerating systems	1968
19690081231	Statistical identification of a human-operator model in control systems subject to random disturbances	1968
19690081232	Studies of surface chemistry of solids in dissemination Quarterly progress report, May - Jul. 1968	1968
19690081239	Normal mode solutions for two- and three-layer velocity profiles with bottom Interim report	1968
19690081240	Radar interviews concerning the problems of contemporary astrodynamics	1968
19690081241	A preamplifier for semiconductor radiation detectors	1968
19690081242	The development of a bench-scale apparatus for inhibitor evaluation in fluid-metal systems	1968
19690081244	The GI/BL Hungarian-made gyrotheodolite	1968
19690081247	Development of an immobilized electrolyte, water-activated, dry-charged, lead-acid 6 TN storage battery Final report, 29 Jun. 1967 - 30 Aug. 1968	1968
19690081250	MIT precision angular vibrator calibration tests	1968
19690081258	TESLA K13a VHF G/A receiver	1968
19690081265	The theory, generation, and application of the pseudorandom Legendre sequences	1968
19690081267	Study of helicopter gear lubrication Quarterly progress report, Sep. - Nov. 1968	1968
19690081268	Research in connection with HF propagation, dayglow photometry, and VLF propagation during 12 November 1966 solar eclipse Final report, 1 Jun. 1966 - 30 Jun. 1968	1968
19690081271	Integrated research on carbon composite materials Progress report, 1 Jan. - 31 Mar. 1968	1968
19690081272	Solid rocket hardware evaluation Technical report, Mar. 1963 - Jul. 1966	1968
19690081275	Increasing the wear resistance of machine parts by diffusive sulfidization and molybdenum disulfide	1968
19690081277	New findings on the chromium-diffusion process	1968
19690081280	Secular variation of longitudes	1968
19690081281	Derivation of the relative heights of moon mountains from Kuiper's photographic lunar atlas /Comparison with other measurements/	1968
19690081282	Secular motion of the pole and variation in the latitudes of IIs stations	1968
19690081283	Position determinations of 307 craters nearest the limb on the moon	1968
19690081284	Effect of magnetic dip angle and azimuth angle variations on mode numbering at VLF Research and development report, Jan. - Aug. 1968	1968
19690081287	Effects in the heat treatment of glass fibers under load	1968
19690081289	Signal processing by digital quadrature techniques	1968
19690081290	Influence of design on the life expectancy and motion resistance of miniature bearings	1968
19690081291	Twenty-five-amp solid-state voltage regulator	1968
19690081292	The thermal disintegration of copper acetylacetonate	1968
19690081293	The effect of excess antistructural Bi on the heat conductivity of crystal lattice Bi sub 2 Te sub 3, Bi sub 2 Te sub 3 - Sb sub 2 Te sub 3 and Bi sub 2 Te sub 3 - Bi sub 2 S sub 3 with added iodine	1968
19690081296	Counterrotating and tandem propellers operating in spatially varying, three dimensional flow fields. Part 1 - Analysis Final report	1968
19690081297	The effect of strand size on experimental measurement of solid propellant burning rate augmentation	1968
19690081298	Methods of modern analytic aerotriangulation	1968
19690081300	A parametric investigation of a 10.6 micron pulsed laser radar	1968
19690081301	PIGA float motion induced by external vibrations Progress report	1968
19690081305	The study of devices for injection electroluminescence in the range of 2-15 microns Final report	1968
19690081309	Research on improvement of far-infrared pickup tubes Quarterly report, 1 Oct. - 31 Dec. 1968	1968
19690081310	Digital control of electro-hydraulic missile launcher positioning system Final development report	1968
19690081311	Monitoring and sampling techniques applied to channel interference at HF Research and development report, Aug. 1967 - Jan. 1968	1968
19690081312	Controllable development of silver halide emulsions Final technical report, 1 Sep. 1967 - 1 Sep. 1968	1968
19690081313	An investigation of penetration and spreading for various fluids injected into a supersonic stream	1968
19690081315	Research on a high energy non-aqueous battery system Quarterly progress report, 1 Sep. - 30 Nov. 1968	1968
19690081320	Contribution to the direct current and low frequency behavior of the MOS-transistors	1968
19690081321	Dynamic characteristics of cascaded, blocked, rectangular cross section pneumatic lines	1968
19690081324	Theoretical studies of some nonlinear aspects of hypersonic panel flutter Status report, 1 Mar. - 31 Aug. 1968	1968
19690081327	Mechanical properties, thermal expansion, and permeability of Graphitite G Final report	1968
19690081328	Screening and evaluation of low-temperature fuel-resistant elastomers, phases 2 thru 4 Final report, 24 Jul. 1967 - 24 Sep. 1968	1968
19690081329	Vibrational relaxation of CO in non-equilibrium nozzle flow	1968
19690081330	Elastic constants of ammonium bromide. 2 - High-pressure ultrasonic investigation of the phase transitions	1968
19690081332	Physical properties of the cholesteric mesophase Interim report, 10 May 1967 - 10 May 1968	1968
19690081334	Report of the 1968 Moscow Semiconductor Conference and of visits to scientific institutes in Leningrad	1968
19690081336	Study of thermal conductivity requirements Quarterly progress report, 7 Aug. - 8 Nov. 1968	1968
19690081343	Miniature crystals for SSB applications in coldweld enclosures and crystal units with high temperature bonding Interim report, 20 Oct. 1967 - 20 Apr. 1968	1968
19690081345	Infrared scanning of the Arctic pack ice	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081346	Performance capability of the NOL hypersonic tunnel	1968
19690081353	Multikilowatt transmitter study for space communications satellites. Volume 1 - Summary report, phase 1	1968
19690081355	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 May - 31 Jul. 1968	1968
19690081358	Transistorized driving circuits for injection laser arrays	1968
19690081359	Research to determine the effects of surface catalycity on materials behavior in dissociated gas streams Technical report, 7 Jun. 1966 - 7 May 1968	1968
19690081362	ICRPG turbulent boundary layer nozzle analysis computer program	1968
19690081371	Comparison of two optical systems in performance on a driving skill battery /U/ Final report	1968
19690081372	Development and test of high energy solid propellants /U/ Final technical report, 1 Dec. 1966 - 1 Jun. 1967	1968
19690081373	Studies in adaptive beamforming /U/ Final report, 1 Nov. 1967 - 1 Nov. 1968	1968
19690081377	TIARA formulation progress report, FY 68 /U/	1968
19690081385	An evaluation of prepolyzed plastics for rocket nozzle applications /U/ Technical report, Feb. - Aug. 1968	1968
19690081386	The AFRPL ballistic test, evaluation, and scaling program /Bates program/ /U/ Technical report, 1 May 1965 - 1 May 1967	1968
19690081387	Production of a packageable oxidizer /U/ Final technical report, 1 Mar. - 31 Dec. 1968	1968
19690081388	Proposed minimum cost space launch vehicle system /U/	1968
19690081390	Aerial panoramic still camera, KC-60/C/	1968
19690081392	Microelectronic piezoelectric oscillator Final report, 1 Jan. 1967 - 1 Jan. 1968	1968
19690081394	A prototype low-energy neutron spectrometer	1968
19690081399	Heterogeneous fuels handbook /U/ Technical report, Jun. 1967 - Jun. 1968	1968
19690081400	Foamed aluminum propellant study /U/ Technical report, Nov. 1967 - Jul. 1968	1968
19690081409	Development study program PLAT system low light level camera tube /U/ Final technical report, 1 Aug. 1967 - 31 Oct. 1968	1968
19690081410	Advanced variable thrust compact combustor /U/ Final report, 28 Jun. 1967 - 31 May 1968	1968
19690081411	Individual lift device /U/	1968
19690081418	Limited evaluation of ten 372-1a-6 VDC reed relays manufactured by Wheelock Signals, Inc.	1968
19690081427	Fluidic power generators for ordnance application /U/	1968
19690081428	Ordnance Aerophysics Laboratory /U/ Progress report, 1 Apr. - 30 Jun. 1968	1968
19690081430	Missile behavior at time of intercept /U/	1968
19690081431	Reticle shifting for body fixed seeker application /U/	1968
19690081432	Study of utilization of CSM for lunar orbit science missions Progress report	1968
19690081433	Study of utilization of CSM for lunar orbit science missions Progress report	1968
19690081441	Low altitude test 4.1 visual target acquisition. Volume 8 - Visual acquisition model. Part 2 - Simulator data /U/	1968
19690081442	Hydrogen-fluorine engine evaluation /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690081443	Evaluation of Beryllium Propellant in Flightweight Rocket Motor Hardware /U/ Final Report	1968
19690081444	Support of hybrid propulsion design studies /U/ Final technical report, 15 Apr. 1966 - 14 Feb. 1968	1968
19690081445	Auxiliary propulsion for automatic planetary spacecraft /U"/ Final report	1968
19690081447	Development and evaluation of a laser angular rate sensor for use in severe environmental applications, volume 1 /U/ Final report, 1 Apr. 1966 - 1 Nov. 1968	1968
19690081452	Propulsion Development Department review. Part 1 - Propulsion techniques, systems, and analysis /U/ Progress report, Jul. - Sep. 1968	1968
19690081453	Air Force Aero Propulsion Laboratory scientific and engineering seminar summaries, volume 2 /U/ Final report, Sep. 1966 - May 1968	1968
19690081455	F-4J/MIN-MOD/ study for the Aerospace Defense Command. Volume 3 - Costs and schedules /U/	1968
19690081458	Techniques for spike-protected radome/irdome design /U/ Summary report, 1961-1968	1968
19690081459	Ignition research /U/ Quarterly progress report, 1 Sep. - 30 Nov. 1968	1968
19690081460	Chemical process studies for commercially unavailable materials /U/ Final comprehensive report, 1 Jun. 1967 - 30 Sep. 1968	1968
19690081462	Laboratory tests of advanced Centaur guidance components, project 921E Final report, Apr. 1967 - Mar. 1968	1968
19690081467	High-sensitivity infrared receiver development Final report	1968
19690081469	Attitude control for gravity gradiometry	1968
19690081470	The effect at M equals 1.7 of changes in bleed geometry on the performance of a side intake of the normal shock type	1968
19690081471	Thermal combustion hazard model Final report	1968
19690081473	Study of electric spacecraft plasmas and field interactions Final report	1968
19690081476	Demonstration of 156 inch motor with segmented fiberglass case and ablative nozzle. Volume 1 - Motor design and fabrication /U/ Final report, 12 Apr. 1966 - 8 Aug. 1968	1968
19690081477	Demonstration of 156 inch motor with segmented fiberglass case and ablative nozzle. Volume 2 - Static test and hydroburst /U/ Final report, 12 Apr. 1966 - 8 Aug. 1968	1968
19690081482	Radar simulator report /U/	1968
19690081483	Supersonic chemical propulsion feasibility flight demonstration for a low altitude short range missile. Volume 1 - Summary /U/ Final report, 15 Feb. 1965 - 1 Mar. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081488	Results of a wind tunnel investigation at supersonic speeds of the Hawk missile /U/	1968
19690081490	Field assessment of supersonic dissemination /U/ Final report, 4 Apr. 1966 - 19 Feb. 1968	1968
19690081494	Resonance tests on a Britten-Norman Islander aircraft	1968
19690081496	Second-order laminar wall jet	1968
19690081497	Loads experienced in turbulence by a Central African Airways Viscount without and with cloud warning radar	1968
19690081498	The effect of rain repellent on vision through glass windscreens contaminated by fuel or salt spray in flight	1968
19690081499	Proceedings of the 22nd annual symposium on frequency control	1968
19690081500	Parametric and nonlinear elastic effects in piezoelectric resonators	1968
19690081501	Quality and cost of synthetic quartz	1968
19690081502	Frequency management and spectrum development within the executive branch of the government	1968
19690081503	Piezoelectric training program at McMurray College	1968
19690081504	Writing crystal specification	1968
19690081505	Hysteresis effects in quartz resonators	1968
19690081506	Design considerations for oscillator crystals	1968
19690081507	Advancements in production of 5 MHz fifth overtone high precision crystal units	1968
19690081508	Kold-seal thermal compression bonded crystals	1968
19690081509	Quartz crystal aging	1968
19690081510	Improvement in sealing HC 26/U and HC 27/U glass holders	1968
19690081511	Reliable and repeatable measurements of frequency and resistance changes of quartz crystals due to wide temperature variations	1968
19690081512	Report and analysis of the 1967 quartz crystal industry survey	1968
19690081513	High frequency crystal mechanical filters	1968
19690081514	The application of piezoelectric coupled- resonator devices to communication systems	1968
19690081515	Micro resonators in integrated electronics	1968
19690081516	Precision measurement of the frequency aging of quartz crystal units	1968
19690081517	Measurement techniques for quartz crystals	1968
19690081518	Technique for crystal resonance measurements based on phase detection in a transmission type measurement system	1968
19690081519	The role of crystal parameters in circuit design	1968
19690081520	Newly developed crystal measurement instruments	1968
19690081521	Automatic compensation equipment for TCXO	1968
19690081522	Recent improvements TCXO	1968
19690081523	Temperature compensation of AT cut crystals by thermally controlled non-linear reactances	1968
19690081524	Flicker noise of phase in RF amplifiers and frequency multipliers - Characterization, cause, and cure	1968
19690081525	Crystal oscillator satellite experiment	1968
19690081526	The LOHAP frequency synthesizer	1968
19690081527	Clock error statistics as a renewal process	1968
19690081528	Results of differential Omega test and evaluation program	1968
19690081529	Precise frequency comparison using a frequency tracking technique	1968
19690081530	Large storage box hydrogen maser	1968
19690081531	Hydrogen standard work at Goddard Space Flight Center	1968
19690081532	Application of the transient behavior to the study of the hydrogen maser	1968
19690081533	Some experimental results of BaO applicable to a molecular beam frequency standard	1968
19690081534	Barium oxide beam tube frequency standard	1968
19690081535	Phase shift in microwave Ramsey structures	1968
19690081536	Study of the phenomena affecting the composition of rubidium vapor cells	1968
19690081537	Extension of frequency control techniques to the submillimeter wavelength region	1968
19690081538	Long-term frequency stability measurement of rubidium gas cell frequency standards	1968
19690081539	Progress in the development of hydrogen masers	1968
19690081540	Ply-tear webbing as an energy absorber	1968
19690081541	Flight measurements of the stability and control of a Westland Whirlwind helicopter in vertical descent	1968
19690081542	Flight measurements of ground effect on the lift and pitching moment of a large transport aircraft /Comet 3B/ and comparison with wind tunnel and other data	1968
19690081543	Flight tests of a pitch rate take-off and overshoot director on a Vulcan aircraft	1968
19690081544	The identification of twin spots in electron diffraction patterns from HCP metals	1968
19690081545	Space isotope power program /U/ Quarterly report, Jul. - Sep. 1968	1968
19690081548	Compact thermoelectric converter, phase 2-C /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690081549	Isotopic power and heat sources. Part 2 - Cm-244 /U/ Quarterly progress report, Jul. - Sep. 1968	1968
19690081550	Compatibility tests for selection of radioisotope heat source compounds /U/	1968
19690081551	Research quarterly progress report, July - September 1968 /U/	1968
19690081553	Determination of increased aircraft performance by application of composite materials, volume 3 /U/ Final report, 1 May - 31 Oct. 1968	1968
19690081557	Hail impact tests on stretched acrylic panels	1968
19690081558	Calculation of the dynamic behaviour of a trolley wire overhead contact system for electric railways	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081559	The effect of aerodynamic loading on valiant radomes damaged by bird impact	1968
19690081560	A theory for extreme gust loads on an aircraft based on the representation of the atmosphere as a self-similar intermittent random process	1968
19690081561	A complete program for processing wind tunnel pressure data	1968
19690081562	A rigid model mounting for the RAE 24 ft wind tunnel	1968
19690081565	Resolved shear stress factors for slip and twinning in titanium	1968
19690081566	Measurement of the attitude of the third stage of Black Arrow	1968
19690081567	Dual-mode roving vehicles for Apollo lunar surface exploration	1968
19690081568	Investigation of metallization defects in Fairchild LPDTMUT 9040 series integrated circuits	1968
19690081569	The influence of some requirements and design standards on subsonic transport aircraft characteristics	1968
19690081570	Preliminary assessment of methods of switching for a proposed 200 volt dc aircraft power system	1968
19690081573	Preparation of radiation resistant emulsions and processing techniques	1968
19690081577	The subcritical response of a T-tail flutter model	1968
19690081579	Simulation of the human respiratory impedance for testing breathing equipment	1968
19690081581	Analysis of the static pressure distribution on a delta wing in supersonic flow	1968
19690081583	Experimental attempts to obtain uniform loading over two dimensional high-lift wings	1968
19690081584	Variation of bolt fatigue life with inclination of nut seating	1968
19690081585	The suppression of transients and radio interference on the Williamson camera type F49, Mark 4	1968
19690081589	Research on selection of erosion resistant structural materials for hydrofoils	1968
19690081590	The effects of 0.24 percent silicon upon the initial stages of ageing of an aluminum - 25 percent copper - 1.2 percent magnesium alloy	1968
19690081591	Uniaxial creep under changing stress conditions	1968
19690081597	Cytochemical studies of planetary microorganisms - Explorations in exobiology Status report, 1 Oct. - 31 Dec. 1968	1968
19690081599	Tests at a Mach number of 2.0 on a half-cone centre-body side intake mounted on a flat plate	1968
19690081600	Certain probability problems and their solution by simulation	1968
19690081603	A proposed programme for research into hail impact damage	1968
19690081604	Base-burning and near-wake combustion /remarks on a paper by W. C. Strahle/	1968
19690081605	Properties of some spring wires and springs in the temperature range room temperature 700 deg C	1968
19690081609	TOS-F Delta 62, ESSA 8 flash flight report	1968
19690081610	Ventilation system for spacecraft and ground support equipment checkout Final test report	1968
19690081612	Microwave acoustic and bulk device technique studies Interim report, 1 Aug. - 31 Oct. 1968	1968
19690081613	Failures in grains exposed to rapid changes of environmental temperatures /An application of linear cumulative damage concepts/ Quarterly report, 1 May - 31 Jul. 1968	1968
19690081614	Radiation defects in semiconductors	1968
19690081617	The choice of iterative impedance of radio interference suppressors for aircraft electrical machines	1968
19690081618	A preliminary theoretical study of the longitudinal manoeuvre demand control system for the Hunter Mk 12 aircraft	1968
19690081620	A load feedback controlled hydraulic loading system	1968
19690081621	An anthropometric survey of 200 RAF and RN aircrew and the application of the data to garment size rolls	1968
19690081622	Water landing capability of the block 2 Apollo command module aft heat shield	1968
19690081626	Modular nuclear vehicle study. Phase 4 - Nuclear propulsion module mission capability Final report	1968
19690081631	Aerodynamic drag gage Final report, Jul. 1966 - Aug. 1968	1968
19690081632	Scientific experiment test results - Kinetic energy estimates of seismic magnitude	1968
19690081648	Mechanism of stress corrosion cracking in face centered cubic metals Final technical report	1968
19690081649	Neutron transport in uniform air by Monte Carlo calculations Interim report	1968
19690081653	The beginning of Soviet jet aircraft construction	1968
19690081657	Research on electrochemical power systems for fuze applications Final report	1968
19690081658	Limited scan phased array antenna Final report, 18 Mar. - 15 Nov. 1968	1968
19690081661	Low cycle fatigue of HY-130/T/ butt welds Final report, Nov. 1967 - Oct. 1968	1968
19690081662	Limited scan phase array antenna, phase 1 Final report, 30 Aug. 1967 - 30 Jan. 1968	1968
19690081664	Combustible gas detector calibrator D-165	1968
19690081665	Glass fiber manufacturing process development Final technical report, Apr. 1967 - Oct. 1968	1968
19690081666	Skeletal density tests during the Apollo 7 and Apollo 8 missions	1968
19690081667	A system of internal ballistics for the vented vessel	1968
19690081675	Airplane wheels - Service life prediction based on constant-load roll tests Final report	1968
19690081678	Velocity profile and mass flow measurements in a spinning, cold-flow rocket motor Final report, Jul. 1964 - Jul. 1968	1968
19690081680	Reliability testing of Lance igniter and safe and arm device Test evaluation report, 1 May - 30 Sep. 1968	1968
19690081681	Combined CW radar and radiometer /3.2-mm/	1968
19690081683	Design and development of a fluid actuated recording accelerometer Final report	1968
19690081684	A facility for transient radiation effects experiments at the NPS linear accelerator	1968
19690081686	Hot corrosion of coated superalloys in a gas turbine environment Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690081687	High explosive equivalency tests of large solid propellant motors	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081689	Structure and reactivity of energetic chemical species Annual summary report, 1 Nov. 1967 - 31 Oct. 1968	1968
19690081695	Emerging aerospace materials and fabrication techniques Final technical report	1968
19690081697	Pilot orientation in complicated meteorological conditions	1968
19690081699	Permanent tube joint technology Final technical report, 31 Dec. 1965 - 31 Aug. 1968	1968
19690081703	A photographic investigation of bubble nucleation from artificial cavities	1968
19690081704	The mechanism and kinetics of aerosol filtration Quarterly progress report	1968
19690081708	Analysis of the first thermal nuclear pulse and associated eye effects Final report, Jan. 1965 - Nov. 1967	1968
19690081710	Advanced satellite communication antennas Technical quarterly report no. 2	1968
19690081715	All-electronic radio mute-demute system Final report	1968
19690081716	Space programs Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19690081717	Vacuum film dryer development Final report, Jul. 1966 - Aug. 1968	1968
19690081725	High altitude drag of ablating slender bodies in hypersonic flight	1968
19690081726	An investigation of long range oblique photography Final report, Apr. 1966 - Jan. 1968	1968
19690081727	Mesometeorological studies of precipitation Final technical report, Jul. 1967 - Jun. 1968	1968
19690081729	A fluidic interface module Final report	1968
19690081732	Evaluation of fuel cell electrodes Semiannual technical report, 2 Apr. - 1 Oct. 1968	1968
19690081733	The effect of copper-containing and other preservatives on aluminum alloys as used in aircraft	1968
19690081735	Unattended seismological observatory Final evaluation report	1968
19690081741	Research on methods of obtaining luminescence in ferroelectric materials and study of the temperature dependence of their luminous efficiencies close to the Curie point Final technical report, 17 Jun. 1965 - 16 Apr. 1968	1968
19690081743	Survey of US Navy Glass Reinforced Plastic /GRP/ small aircraft Final report	1968
19690081744	Saturated hydrocarbon polymeric binder for advanced solid propellant and hybrid solid grain Technical report, 1 Apr. - 30 Jun. 1968	1968
19690081745	An improved process for the working of welded titanium alloy tubing Interim engineering progress report, 1 Aug. - 31 Oct. 1968	1968
19690081748	Investigation of PbTe-SnTe single-crystal material for use in detectors of 8 to 14 micron radiation Interim technical report, 1 Jan. - 31 Mar. 1968	1968
19690081749	Scientific experiment test results parametric study of seismic array gain	1968
19690081750	The possibility of establishing the speed of growth of some fungi by microscopic measurement	1968
19690081751	Operational test and evaluation of vertical velocity indicators	1968
19690081757	Low noise L-band amplifier production engineering measures study and implementation Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690081758	Development of high value resistor technology compatible with thin-film integrated circuits Quarterly report, 1 Jun. - 31 Aug. 1968	1968
19690081762	Hydrodynamic forces on cab flaps during large amplitude non-uniform motion	1968
19690081764	Dynamics of solvent extraction systems, part 1 Progress report, 1 Oct. 1967 - 30 Sep. 1968	1968
19690081767	Evaluation of a standing wave system for determining the presence and acoustic effect of microbubbles near the sea surface	1968
19690081770	Ultrafast pulsed laser systems study	1968
19690081772	Development of a prototype vapor detection device for atmospheric sampling and analysis for fluorine and hydrogen fluoride Final report, Feb. 1966 - Oct. 1967	1968
19690081774	Electronic copying machine EK 101 and its contribution to photogrammetry	1968
19690081781	Process variables in metal extrusion. Part 3 - The effect of extrusion temperatures on deformation loads and mechanical properties of Ti-6 Al-4V titanium alloy Final report, 1 Aug. 1966 - 31 Dec. 1967	1968
19690081783	Fabrication and evaluation of diffusion bonded laminated sections Interim engineering progress report, 30 Nov. 1968 - 28 Feb. 1969	1968
19690081792	Heat transfer aspects of coated particle fuel and test elements	1968
19690081795	Fast neutron scattering cross section measurements on Fe and Co	1968
19690081797	Electrochemical systems heat and mass transfer Quarterly report, 6 Sep. - 5 Dec. 1968	1968
19690081798	Fuels and Materials Division Progress report, 1 Jul. - 30 Sep. 1968	1968
19690081804	Significant geologic types of uranium deposits	1968
19690081805	Experimental signal processing system Quarterly technical report, 1 Feb. - 30 Apr. 1968	1968
19690081809	Canadian Armament Research and Development Establishment Annual report	1968
19690081810	Quality control measures based on sodium valve failures Evaluation study	1968
19690081811	SCTI steam and feedwater system upgrading modification conceptual system design description	1968
19690081814	High Energy Counter Group Progress report, 1 Apr. - 31 Dec. 1968	1968
19690081815	ICR Quarterly report	1968
19690081816	Feasibility study for the propulsion phase of a fluidic control system for an aircraft ejection seat Bimonthly progress report	1968
19690081820	Considerations relating to experiments on the evaporation of fission products from graphite	1968
19690081821	Effects of oversampling on time-adaptive filters. Advanced array research Special report no. 1	1968
19690081822	Microwave realizations of broadband phase and frequency discriminators	1968
19690081823	The work sponsored by the sodium technology and the fuels and materials branches Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081826	Informal report covering the period May through November 1968	1968
19690081827	Investigation of PbTe-SnTe single crystal material for use in detectors of 8 to 14-micron radiation Final technical report, 1 Apr. - 31 Jun. 1968	1968
19690081828	Tensile properties of Rocky Flats Division ingot-sheet beryllium from room temperature to 250 deg C	1968
19690081829	Ultrasonic monitoring of initial fatigue crack propagation	1968
19690081830	Study of the combined effects of space environmental parameters on space vehicle materials Quarterly progress report, 1 Feb. - 30 Nov. 1968	1968
19690081831	Gas turbine combustion chambers with film evaporation	1968
19690081832	On some of the accomplishments of the Bulgarian Academy of Sciences in the year 1966	1968
19690081834	Pulsed fast research reactor project Progress report, May 1 - Oct. 31, 1968	1968
19690081835	On the construction of a ruby maser for the X-band with liquid hydrogen as a coolant	1968
19690081836	The 14 MeV neutron transport results Interim report	1968
19690081838	Diborane-base diffusion process for silicon- integrated circuits	1968
19690081845	Analytical evaluation of the ejector ramjet engine /U/ Final report, 15 Jun. 1967 - 15 Feb. 1968	1968
19690081847	Experimental high contrast transfer photorelectronic night telescope /U/ Final report, Jun. 1967 - Jul. 1968	1968
19690081849	LMH/hydrazine heterogeneous propellant development /U/ Final technical report, 16 May 1966 - 18 Oct. 1968	1968
19690081850	High altitude drag of a class of three dimensional slender bodies /U/	1968
19690081852	Methods of emittance measurement in external beams using ellipse approximations	1968
19690081856	Resonance absorption in materials with grain structure - Equivalence relation	1968
19690081857	Design of a neutron detector with a flat energy response for use in time of flight experiments	1968
19690081858	Practical details of the ultrasonic thermometers being installed in the Dragon reactor	1968
19690081859	Calculation of reactivity changes from linear expansion, bowing, of fuel and moderator movement	1968
19690081881	Process design guides - Process design engineering, Facilities Engineering Department	1968
19690081883	Applied Physics Division Progress report, 1 Oct. - 31 Dec. 1968	1968
19690081885	An experimental investigation of the pressure and velocity profiles in a spinning, cold-flow rocket motor	1968
19690081886	Heat transfer in shock wave-boundary layer interaction regions	1968
19690081895	Modified AN/AAD-2/XE-2/ infrared detecting set with real-time inflight display /U/ Final report	1968
19690081896	Research and exploratory development /U/ Quarterly report, 1 Oct. - 31 Dec. 1968	1968
19690081898	Formation of uranium dioxide carbon mixtures and carbide or nitride fuel material in a spray reactor	1968
19690081900	Mechanism of plasma acceleration in a conical thetapinch gun	1968
19690081901	Solid state physics division Progress report, Apr. 1967 - Mar. 1968	1968
19690081903	Technical criteria for the prevention of criticality - Chemical processing division	1968
19690081908	Evaluation of Inconel 718 for application in the fast reactor	1968
19690081909	Molten glass extinguishment for metal fires	1968
19690081917	Chemistry and Materials Division Progress report, 1 Oct. - 31 Dec. 1968	1968
19690081918	A control and measurement system for aeroelastic model tests	1968
19690081921	Propulsion Development Department review. Part 1 - Propulsion techniques, systems, and analysis /U/ Progress report, Oct. - Dec. 1968	1968
19690081922	Propulsion Development Department review. Part 2 - Propellants and materials /U/ Progress report, Oct. - Dec. 1968	1968
19690081923	Propulsion Development Department review. Part 4 - Liquid and air-breathing propulsion /U/ Progress report, Oct. - Dec. 1968	1968
19690081931	Research on the thermion image tube /U/ Quarterly report, 10 Oct. 1967 - 9 Jan. 1968	1968
19690081933	A 25-millimeter microchannel array development /U/ Quarterly report, 28 May - 28 Aug. 1968	1968
19690081942	Graphite irradiation experiments in H.F.R. Petten. Part 1 - Capsule design and sample measurement techniques. Project Dragon	1968
19690081943	A re-assessment of Harwell mass spectrometric measurements of the cross sections of Pu-238, Pu-240, and Pu-241 for Maxwellian neutrons	1968
19690081951	Vertical take-off planes, volume 2 Report bibliography 1953 - Jun. 1968	1968
19690081953	Vertical take-off planes. Volume 5 - Experimental and research models Report bibliography 1953 - Jun. 1968	1968
19690081955	The effects of normal pressure gradients on the boundary layer momentum integral equation	1968
19690081961	Systems and Controls Laboratory Research report, Oct. 1968	1968
19690081963	Development and engineering of a low offset unity gain gating amplifier as a special silicon integrated circuit	1968
19690081964	Hypersonic laminar heat transfer and boundary layer transition on sharp and blunted cones	1968
19690081971	Television Relay Using Small Terminals /TRUST/ - A proposal for an ATS-F experiment	1968
19690081980	Apollo acquisitions reentry radar Final report, 17 Jun. 1966 - 18 Aug. 1968	1968
19690081981	Development of a new printed circuit board material and manufacturing process Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690081988	Development of an improved integration scheme for digital differential analyzers Final report, 27 Jun. 1967 - 19 Aug. 1968	1968
19690081989	Study of a water electrolysis system for a lunar base power station	1968
19690081991	Short duration base pressure and heat transfer test of 1/25 scale, 3 engine, J-2 nozzle model	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081992	Evaluation and application of data from low-gravity orbital experiment Quarterly progress report, 21 Aug. - 20 Nov. 1968	1968
19690081993	Effects of spectrum block size and stress level on fatigue characteristics of aluminum alloy box beams under fixed-sequence unidirectional loading Final report	1968
19690081997	Errors of the acoustic miss distance indicator when used with 2-inch rocket projectiles	1968
19690082002	Low speed wind tunnel tests of a number of fin configurations on a flat-plate gothic wing of unit aspect ratio	1968
19690082003	A suction control system for the boundary layer developed along a cylinder	1968
19690082004	Preliminary tests on a carbon fiber-PTFE bearing	1968
19690082005	Investigations in computer-aided design for numerically controlled production Final technical report, 1 Dec. 1959 - 3 May 1967	1968
19690082006	Development and application of light activated silicon switches Quarterly report, 3 Aug. - 3 Nov. 1968	1968
19690082009	Analytical prediction of the turbulent base pressure in supersonic axisymmetric flow including the effect of initial flow direction Final report, 1 Sep. 1967 - 2 Sep. 1968	1968
19690082013	Techniques for long-range holographic imaging Final report, 14 Apr. - 13 Oct. 1968	1968
19690082014	Improvements in pulse echo system interval measurements Final technical report	1968
19690082016	Apollo/Saturn space vehicle POGO analysis, addendum 2	1968
19690082036	The use of Baye's theorem in reliability estimates	1968
19690082037	Functional definition of integrated circuit systems	1968
19690082038	Results of flight tests of a prototype QT-33 aerial target	1968
19690082039	A general method for identifying nonlinear dynamical systems. Part 1 - Program development Final technical report	1968
19690082040	On the phenomenon of the deviation of liquid jets and its applications "COANDA EFFECT"	1968
19690082041	Technology trends for subsonic transports Summary report, Mar. - Nov. 1968	1968
19690082043	Fluidic transmitter fabrication, phase 5 Summary report	1968
19690082047	Application of infrared spectrometric techniques to the quantitative analysis of hydraulic fluids	1968
19690082049	Modification of EAI/ULTEK quad 150 partial pressure analyzer to allow extended separation between the control unit and quadrupole head	1968
19690082050	Relations between radar sea clutter and existing local weather conditions Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690082055	Cleaning precision ball bearings	1968
19690082056	Aluminum ion plating of uranium-molybdenum alloy fast-burst reactor elements	1968
19690082057	Two-dimensional flat-earth trajectory computer program Final report, Mar. 1965 - Jul. 1968	1968
19690082061	The compliant ball bearing	1968
19690082062	Test circuits as a quality control tool	1968
19690082064	Multiple regression analysis for combined-environment testing of shipboard electronic equipment	1968
19690082066	Burn production and prevention in convective and radiant heat transfer	1968
19690082068	A nonlinear design technique for high power magnetostrictors	1968
19690082071	An application of digital simulation to discrete-item manufacturing systems	1968
19690082073	Apollo/Saturn 5 transfer to pad and hurricane return operations plan	1968
19690082075	Electro-interference test report for the simulator, umbilical signals and loads, figure A9458	1968
19690082079	A distributed estimate for reliability in Churchman test	1968
19690082081	Production engineering measure for type CR-/XM-57//U crystal units Quarterly report, Jul. - Sep. 1968	1968
19690082082	The development of a smooth bore air gun for hail impact research	1968
19690082083	Interactions between dislocations and 1012 twins in titanium	1968
19690082084	Further experiments on the effect of reservoir water on the dynamic behaviour of an idealised model dam	1968
19690082085	A method for the prediction of the probabilities of aircraft fatigue failures within a fleet of known size	1968
19690082096	Exploratory development for missile guidance and airframes Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19690082107	Molecular binding and catalysis Annual report, Jun. 1967 - Jul. 1968	1968
19690082111	A linotron system manual for the photo-composition of astronomical and mathematical tables	1968
19690082112	Annular solar eclipse of 18 March 1969	1968
19690082113	A distributed estimate for a probability via any complex model	1968
19690082115	Supersonic interference effects in low-aspect- ratio planar configurations at large angles of attack	1968
19690082119	Mission-analysis computer program for investigating performance effectiveness of airbreathing engines Final report, 1 Dec. 1964 - 31 Mar. 1968	1968
19690082122	On-site observation association	1968
19690082124	AFCRL program for investigation of the use of digital vocoder systems for conference communications Final report, Mar. 1966 - Jul. 1968	1968
19690082130	A Bayesian distributed estimate for reliability using variable test data	1968
19690082135	Research toward preparing bulk shapes of beryllium oxide by chemical vapor deposition techniques Final report, 1 Jan. - 31 Dec. 1968	1968
19690082136	Diode control research Quarterly technical progress report, 1 Sep. - 1 Dec. 1968	1968
19690082137	The effect of atmospheric scattering on optical beam intensity at low visibility	1968
19690082138	Neodymium inorganic aprotic liquid laser Final technical report, Apr. 1967 - Nov. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082140	Lecture series in modern analysis and applications. Session 3. Topological linear spaces and applications. Geometric and qualitative aspects of analysis	1968
19690082142	Techniques and facilities for aeroelastic modelling	1968
19690082146	Measurement of particle drag coefficients in flow regimes encountered by particles in a rocket nozzle Final technical report, 1 Sep. 1967 - 28 Feb. 1969	1968
19690082150	Chromate coatings and prevention of galvanic corrosion of copper in electric applications	1968
19690082151	Iron plating from the fluoborata bath without organic additions	1968
19690082152	Human factors engineering systems office report 2-68-F111B system effectiveness and human factors simulation program - Crew performance simulation model Final report	1968
19690082158	Production engineering measure for C-band, L-band, and S-band grid pulsed triode and cavity oscillators Quarterly engineering report, 30 Sep. - 29 Dec. 1968	1968
19690082159	Selected topics in light water reactor physics - A NORA project report	1968
19690082160	Integrated conformal arrays Quarterly progress report, 9 Aug. - 9 Nov. 1968	1968
19690082164	Electric wind tunnel air heater	1968
19690082166	The contribution to a velocity-gauge measurement of a noncompressible fluid in a turbulent flow	1968
19690082168	Irradiation effects on reactor structural materials Quarterly progress report, Aug. - Oct. 1968	1968
19690082170	Propeller theory with several supporting vortex lines	1968
19690082171	Phase stability and solution strengthening of solid solution phase titanium alloys Summary technical report, 30 Jun. 1966 - 30 Jun. 1968	1968
19690082172	Solutions to some stress corrosion cracking problems in aerospace applications Technical report, Jun. 1967 - Jul. 1968	1968
19690082178	The production and properties of reactor fuels	1968
19690082179	Life-support systems for high altitude flight and spaceflight	1968
19690082182	Investigations of soil penetrating radar with emphasis on short pulse mine target responses and the development of system components. Part A. Short pulse mine target responses /U/ Final technical report, Jun. 1967 - Mar. 1968	1968
19690082185	Night vision goggles /U/ Quarterly report, Jan. - Mar. 1968	1968
19690082186	Night vision goggles /U/ Quarterly report, 1 Apr. - 1 Jul. 1968	1968
19690082188	Solid state infrared sensor development /U/ Final report, 29 Aug. 1967 - 28 Aug. 1968	1968
19690082189	Solid state infrared sensor development /U/ Interim technical report, 29 Aug. 1967 - 28 Feb. 1968	1968
19690082190	Superplasticity in deformation processing Final report, Nov. 1967 - Oct. 1968	1968
19690082191	Dynamic calibrator pulse thrust test module, phase 1	1968
19690082192	Low noise L-band amplifier production engineering measures study and implementation Quarterly report, 1 Oct. - 31 Dec. 1968	1968
19690082199	Hypersonic research engine project. Phase 2A - Inlet program /U/ Interim technical data report, 1 Jun. - 31 Aug. 1968	1968
19690082210	Development of gas-generator propellants producing non-reactive and cool exhaust gases /U/	1968
19690082222	Bandwidth reduction for facsimile, phase 1 Study report, 30 Oct. 1967 - 30 Apr. 1968	1968
19690082224	Development of fabrication techniques for controlling the thickness per ply of graphite epoxy composites	1968
19690082233	Light observation helicopter, OH-58A	1968
19690082237	Laser eye and skin hazard evaluations	1968
19690082241	VHF modulation and detection studies Final report, 31 Mar. - 30 Jun. 1968	1968
19690082242	Reducing takeoff and landing distances by using the airlift effect on the wings	1968
19690082243	Experimental determination of the subsonic mass flow through several ribbon type parachute canopies during inflation and at steady state conditions Final report, 16 Apr. 1965 - 15 Apr. 1966	1968
19690082245	Detailed thermal structure of the western Gulf Stream region	1968
19690082247	Soil mechanics. Volume 1 - Report bibliography	1968
19690082248	Soil mechanics. Volume 2 - Report bibliography	1968
19690082249	Anelastic three-dimensional dynamic response of structures of revolution	1968
19690082254	Research on dissemination processes Technical report, Jun. 1967 - Nov. 1968	1968
19690082255	JAN-IN3909, a nominal 30-ampere rectifier characterized for fast reverse recovery, procured to GE drawing 7531055 p1	1968
19690082259	Study of the low cycle fatigue life of HY-80 steel specimens Final report	1968
19690082263	A graphical summary of military helicopter flying and ground handling qualities of MIL-H-8501A	1968
19690082265	Sea-clutter measurements on four frequencies	1968
19690082266	Airborne data terminal set Interim engineering report, Jul. - Sep. 1968	1968
19690082268	The variation of sound velocity and temperature in the North Pacific, volume 1	1968
19690082269	The variation of sound velocity and temperature in the North Pacific, volume 2	1968
19690082270	The variation of sound velocity and temperature in the North Pacific, volume 3	1968
19690082275	A study of the morphology and fineness of the dispersion of a precipitate in U-Al and U-Si alloys	1968
19690082277	Crustal structure of the northeast Indian Ocean	1968
19690082282	Earthquakes, tsunamis, and volcanoes of Southeast Asia	1968
19690082283	Supersonic wind tunnel Magnus measurements of the 7-, 8-, 9- and 10- caliber Army-Navy Spinner Projectile	1968
19690082284	Seismic coupling	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082285	Specular scatter of underwater sound from a wind-driven model sea surface	1968
19690082292	N-34 propellant characterization /U/ Technical publication, Jan. 1966 - 1 Jan. 1968	1968
19690082295	Particle dynamics in plug and reverse flow nozzles /U/ Quarterly technical progress report, 1 Mar. - 1 Jun. 1967	1968
19690082296	Particle dynamics in plug and reverse flow nozzles /U/ Quarterly technical progress report, 1 Jun. - 1 Sep. 1967	1968
19690082297	Particle dynamics in plug and reverse flow nozzles /U/ Final summary technical progress report, 1 Mar. - 1 Dec. 1967	1968
19690082298	Panoramic receiver operation in strong signal environments	1968
19690082299	A holding technique to reduce number of bits in digital transfer functions	1968
19690082301	A study of the balanced states Ni-Cr-Ti-Al-W system	1968
19690082302	A fast neutron flight time spectrometer with a pulsed neutron source	1968
19690082303	Atmospheric models and astronomical and parallactic refraction	1968
19690082306	Survey of adaptive control applications to aerospace vehicles	1968
19690082309	Semiconductor materials Final report, 27 Jun. 1963 - 26 Mar. 1968	1968
19690082310	Slot jet interaction studies of an ogive cylinder at Mach 4 and 5	1968
19690082312	A concise handbook of mathematics, volume 1	1968
19690082314	Optimum intercept law, part 2	1968
19690082315	Environmental research satellite-17 data reduction and analysis, volume 7 Final report	1968
19690082316	Oceanographic atlas of the North Atlantic Ocean. Section 3. Ice	1968
19690082324	Development and integration of constant volume joints into a pressurizable test garment /U/ Final report, Dec. 1966 - Dec. 1967	1968
19690082328	Study of binary encoding sequences. Volume 1 - Sections 1 through 4 and appendix A Final report, 29 Jun. 1967 - 28 Feb. 1968	1968
19690082332	Study of lambda beta decay with spark chamber and counters	1968
19690082333	Studies of freezing nuclei using an airborne nucleus counter Final report	1968
19690082334	Visual observations of manganese deposits on the Blake Plateau	1968
19690082335	VTS-1 mixture-ratio monitor program	1968
19690082336	Neutron source requirements for pulsed reactors	1968
19690082337	Elastic and plastic deformation of solids Annual progress report, 1 Feb. 1968 - 31 Jan. 1969	1968
19690082348	Development of fused slurry silicide coatings for the elevated-temperature oxidation protection of columbium and tantalum alloys Final report	1968
19690082352	Water vapor analysis	1968
19690082357	Test report for Anaconda Metal Hose Company part number 83507-101, flexible metal hose, 2-inch 100 psig liquid hydrogen, NASA part number 75M05752, HFH-8, NASA control number 3236	1968
19690082358	Wind tunnel measurements of the low speed stalling characteristics of a model of the Hawker-Siddeley Trident 1C	1968
19690082364	Theory relating to the noise of rotating machinery	1968
19690082366	Man-system locomotion control and display criteria for extraterrestrial vehicle - Phase 2 Summary report	1968
19690082367	Resonance tests on a Beagle Pup aircraft	1968
19690082368	Evaluation of a periscopic aircraft sextant as a surveying tool during advanced systems field test 3	1968
19690082374	Test at a Mach number of 2.0 on a rectangular, twin-duct air intake with variable geometry, situated in the flow field of a slender wing	1968
19690082375	Discrete element analysis of the lateral vibration of rectangular plates in the presence of membrane stresses	1968
19690082376	A study of turbulence intensity inside thunderstorms and of its relationship to weather radar echoes based on measurements made in Oklahoma in 1965	1968
19690082378	Manufacture of RD 1364 i /Tetragonal lead oxide/	1968
19690082382	Fluidic transmitters and operational amplifier Summary report	1968
19690082383	User's guide to DEEP-1 - A digital computer program for the determination of stresses and deflections of submarine hulls under external pressure Research and development report	1968
19690082384	Oceanographic cruise summary, Davis Strait, July - August 1968	1968
19690082387	Technical aspects of a new laboratory aerosol device	1968
19690082388	Study of materials on thin fabrics to control spreading and restrict strike-through of organic liquid droplets Quarterly progress report, Jun. - Oct. 1968	1968
19690082399	James Pond and Clark, Inc. 1/2-inch check valve, 6000 psig, NASA part number 75M15235, FCV-25	1968
19690082400	A review of the role of free flight in aerodynamic research	1968
19690082410	Replacement of radiation resistant components on a 17-inch LOX pre valve Summary report, 22 May 1967 - 1 Mar. 1968	1968
19690082411	Apollo CSM High Gain Antenna	1968
19690082413	Advanced engine aerospike experimental investigation performance program Monthly status report, Nov. 1968	1968
19690082415	Aerodynamic research to improve the low-speed performance of transport aircraft for short and medium ranges	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082416	Free-flight measurements of pressure and heat transfer on the lee surface of a delta wing at incidence /M equals 1.0 to 3.6/	1968
19690082420	Proceedings of the USAF Avionics Laboratory/Georgia Institute of Technology Symposium on Electromagnetic Windows. Volume 1 - Material research, development testing and evaluation /part 1 and 2/	1968
19690082421	Antenna windows for hypersonic and reentry vehicles	1968
19690082422	Ballistic impact resistance of silica radomes	1968
19690082423	Single impact studies of rain erosion mechanisms	1968
19690082424	Electrical design of the C5A nose radome	1968
19690082425	Missile radome protective covers	1968
19690082426	Dual mode radome materials research	1968
19690082427	Fiber reinforced ceramic electromagnetic windows	1968
19690082428	A thermal analysis of an ablating electromagnetic window	1968
19690082429	The development of phosphate-nucleated glass-ceramic radomes	1968
19690082430	Mechanical behavior of ceramics	1968
19690082431	Man-system locomotion control and display criteria for extraterrestrial vehicle, phase 2 Final report	1968
19690082435	Apollo CSM high gain antenna, volume 3 of 3 Requalification test report	1968
19690082436	Foundational research projects Quarterly report, Jul. - Sep. 1968	1968
19690082437	Flash holograms	1968
19690082438	Effects of multiple reflections on the transmission properties of multilayer gyrotropic systems	1968
19690082439	Infrared spectral properties and symmetry assignments of lattice vibrations of yttrium fluoride	1968
19690082440	Calculated and experimental energy levels of trivalent gadolinium in lanthanum fluoride as determined from absorption and fluorescence spectra	1968
19690082448	X-radiation transport properties of lithium hydride - Experimental measurements and Monte Carlo calculations	1968
19690082449	Experimental measurements of scattered X-ray spectra	1968
19690082450	X-ray attenuation coefficient measurements	1968
19690082451	Monte Carlo calculations	1968
19690082473	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft Interim engineering report, 1 Sep. - 30 Nov. 1968	1968
19690082474	Ignition and combustion of solid propellants Final report, 1 Oct. 1967 - 30 Sep. 1968	1968
19690082480	Application of the Kalman filter to aided inertial systems Final report	1968
19690082487	Development of criteria for solid propellant screening and preliminary engineering design. An application of cumulative damage concepts Quarterly report, 9 Sep. - 8 Dec. 1967	1968
19690082492	The Kalman filter in transfer alignment of airborne inertial guidance systems	1968
19690082494	Analysis of shock mitigation for glass submersibles	1968
19690082497	NOLFR - A computer program to read wind-tunnel free-flight data film	1968
19690082508	Advanced electron device technology Status report	1968
19690082511	Advanced electron device technology	1968
19690082516	Thin film high-temperature active devices Final report, 15 May 1967 - 15 Aug. 1968	1968
19690082518	Proceedings of the Joint Air Force-nasa Thermal Control Working Group, 16, 17 August 1967	1968
19690082519	System requirements for thermal control coatings	1968
19690082520	Applications technology satellite thermal design	1968
19690082521	Thermal design of the Initial Defense Communications Satellite	1968
19690082522	Lunar Orbiter	1968
19690082523	Thermal design of the gravity gradient test satellite	1968
19690082524	Thermal design and testing of the Pioneer spacecraft	1968
19690082525	Pioneer thermal flight performance	1968
19690082526	Advanced Pioneer thermal control developments	1968
19690082527	LES-5 thermal design and testing	1968
19690082528	Surveyor spacecraft thermal control	1968
19690082529	Thermal design of the Orbiting Vehicle type one /OV1/ satellite series	1968
19690082530	Recent coating developments and exposure parameters	1968
19690082531	The behavior of several white pigments as determined by in situ reflectance measurements of irradiated specimens	1968
19690082532	Utilization of inorganic thermal control coating	1968
19690082533	Series emittance thermal control coatings	1968
19690082534	A flight experiment for thermal control evaluation	1968
19690082535	Preliminary Data - OV1-10 Thermal Control Coating Experiment	1968
19690082536	Preliminary ATS thermal coatings experiment flight data	1968
19690082537	NASA measurement round-robin results	1968
19690082555	Diffusion of water and sodium chloride through organic protective coatings using radioactive tracer methods	1968
19690082573	Selected articles from the Lodz Polytechnic Institute dealing with thermal flow machines	1968
19690082575	Zinc-oxygen battery system Final report, 30 Aug. 1967 - 30 Nov. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082576	A research program on the study of high frequency acoustical and optical sound waves in plastics and rubbers and their interaction with electromagnetic laser radiation Annual report, 1 Nov. 1967 - 31 Oct. 1968	1968
19690082587	Development of structural test articles from new and unconventional materials, phase 1 Final report	1968
19690082588	Development of structural test articles from new and unconventional materials. Phase 2 - Formability limits for beryllium shrink and stretch flanges Final report	1968
19690082589	Propellant selection for unmanned spacecraft propulsion systems, phase 2 Midterm review	1968
19690082597	MBT laser material exploratory development Technical report, 1 Oct. 1967 - 31 Mar. 1968	1968
19690082625	Instruction/service manual for digital television encoding and decoding equipment	1968
19690082628	Technology Planning Techniques - Search and Selection	1968
19690082630	Smoke abatement in gas-turbines. Part 3 - Effects of smoke-abatement additives on downstream flame radiation Progress report, 23 Jun. - 23 Sep. 1968	1968
19690082631	Gravity gradient test satellite Final report	1968
19690082633	Feasibility study for the propulsion phase of a fluidic control system for an aircraft ejection seat Bimonthly progress report, period ending 26 Nov. 1968	1968
19690082636	The effect of particle size fractions of aluminum on the Picatinny Arsenal impact sensitivity of tritonal 80/20	1968
19690082638	Fluidic hardware for radiation test Final technical report, Dec. 1967 - Dec. 1968	1968
19690082649	Chamber technology for space storable propellants /U/ Quarterly report, period ending 26 Sep. 1968	1968
19690082673	Feasibility of using 'memory metal' effects for fuze applications. A - The use of martensite materials in the design of thermally activated springs	1968
19690082679	Effect of slot configuration and disturbances from slot or environment on laminar flow vehicles Final report, 1 Apr. 1967 - 31 Jul. 1968	1968
19690082681	Crack propagation in a linearly viscoelastic strip	1968
19690082682	Automated microbial metabolism laboratory Quarterly report, 6 Aug. - 6 Nov. 1968	1968
19690082683	Documentation of NUCOM - An HF nuclear effects code. Part 1 - Description Final report	1968
19690082684	Documentation on NUCOM - An HF nuclear effects code. Part 2 - Listings Final report	1968
19690082688	Studies of reflection spectra, meteorite analysis, paleobiochemistry, and biochemical evolution as bases for studying extraterrestrial life Summary progress report, 1 Oct. 1967 - 31 Dec. 1968	1968
19690082695	Vectored-thrust cruise propulsion system development program. Part 1 - Phase 1 development. Volume 3 - Summary report of related component development /U/ Final technical report, 1 Jan. 1966 - 28 Dec. 1967	1968
19690082696	Vectored-thrust cruise propulsion system development program. Part 2 - Preliminary phase 2 engine design /U/ Final technical report, 1 Jan. 1966 - 28 Dec. 1967	1968
19690082701	Compatibility and hypergolicity studies of hydronium perchlorate and nitronium perchlorate mixtures /U/ Final report	1968
19690082720	Chamber technology for space storable propellants /U/ Quarterly report, period ending 26 Dec. 1967	1968
19690082724	RVTO phase 1A reentry data final report for WT1A-L1 and WT1A-52 vehicles /U/	1968
19690082726	RVTO phase 1A reentry data final report for WT1A-L4 and WT1A-S1 vehicles /U/	1968
19690082734	A comparative study of frequency agility and fixed frequency concepts for active radar seeker missile guidance /U/	1968
19690082737	ATM optical contamination study - A study of rapidly moving body-ionosphere interactions and their effects on contamination particles	1968
19690082739	Proceedings of the USAF Avionics Laboratory/Georgia Institute of Technology Symposium on Electromagnetic Windows. Volume 2 - Electrical theory and design, and radant and other techniques	1968
19690082740	Circular polarization radome techniques	1968
19690082741	Electrical design techniques for millimeter wavelength radomes	1968
19690082742	An approximate calculation of radome boresight error	1968
19690082743	Application of an integral equation method to scattering from dielectric rings	1968
19690082745	The Fresnel-Kirchhoff formula as a basis for radome design	1968
19690082746	A broadband radant for missile applications	1968
19690082747	A unified VHF radome antenna	1968
19690082748	Traveling wave radants - Applications, analysis, and models	1968
19690082749	Inductively matched microwave transparencies	1968
19690082750	Millimeter radome electrical design techniques	1968
19690082751	Strut reinforced single skin spherical radome	1968
19690082752	An approximate technique for determining the effect of changes in planar antenna window properties on the impedance of aperture antennas	1968
19690082753	A high temperature dielectric constant measuring technique	1968
19690082754	Susceptance sheet matching for radomes	1968
19690082757	Generalized gaseous discharge characteristics of flat plate orifices Final report	1968
19690082765	Field support, data analysis and associated research and development for the rocket grenade experiment Final report for the period 14 Jun. 1965 - 13 Jun. 1968	1968
19690082771	Failure analysis of four RE424J integrated microcircuits manufactured by Sprague Electric Company	1968
19690082775	Hydrogen safety Annual progress report, 1 Jan. - 31 Dec. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082780	Development of Quality Assurance Requirements for Planetary Spacecraft to Be Sterilized by Heating Final Report	1968
19690082785	Marotta Valve Company part number 228154 1/4-inch, 2 way/2 position solenoid valve, NASA part number 75M08824-2 Test report	1968
19690082790	Foundational research projects Quarterly report, Apr. - Jun. 1968	1968
19690082791	Use of pyroelectric detectors in the millimeter wave region, part 1	1968
19690082792	Microwave photon interaction with tunneling currents	1968
19690082793	Calculated electrical resistivity of liquid alloys	1968
19690082794	High temperature magneto-optical investigations of the GaAs conduction bands with coherent radiation	1968
19690082795	Plasma turbulence	1968
19690082797	The Shock and Vibration Bulletin, no. 38, supplement	1968
19690082798	Variable resonant vibration generator for experimental vibrational analysis of structures	1968
19690082799	The prediction of internal vibration levels of flight vehicle equipment	1968
19690082800	Vibration transmission methods for foundation structures	1968
19690082805	Aviation-sport /selected articles/	1968
19690082806	Astronautics	1968
19690082807	Highest precision	1968
19690082819	Comparison of the performance of the dolphin low-frequency source array relative to the performance of the four-element RSR array Research and development report, Sep. - Oct. 1968	1968
19690082822	The 2nd Weather Wing Technical Bulletin, August 1968	1968
19690082823	Atmospheric turbulence	1968
19690082824	Thunderstorm analysis and forecasting techniques at the USAFE forecast center	1968
19690082825	Aircraft turbulence - The designers solution	1968
19690082826	Use of vorticity change in analysis and forecasting	1968
19690082827	The sun and solar activity	1968
19690082830	Optical-pumping and radio-frequency errors in the metastable helium magnetometer	1968
19690082831	Estimation of energy dissipated in the process of plastic deformation of certain metals	1968
19690082832	A new steel of high strength, toughness, and hardenability	1968
19690082867	Symposium on electromagnetic windows. Volume 3 - Environmental simulation	1968
19690082868	Design analysis and test of radomes for an active ECM system on high performance aircraft	1968
19690082869	A precision boresight facility	1968
19690082870	Evaluation of microwave transmission performance of electromagnetic window materials in a hyperthermal arc facility	1968
19690082871	Hyperenvironmental radome evaluation techniques	1968
19690082872	Development of a facility for simultaneous thermal shock and electrical transmission	1968
19690082873	Thermal tests of slip-cast fused silica radomes with uncooled attachments	1968
19690082874	Design of half-wave radomes for dual-frequency operation	1968
19690082875	Antenna window behavior in a simulated reentry heating environment	1968
19690082876	Effects of dielectric permittivity on radome performance	1968
19690082887	Theoretical terminal ballistic investigation and studies of impact at low and very high velocities Interim report, 1 Mar. 1967 - 29 Feb. 1968	1968
19690082896	Fatigue of notched parts with emphasis on local stresses and strains Final report, 15 Mar. 1967 - 15 Sep. 1968	1968
19690082897	RF and IR signature simulation investigation Final report, Oct. 1967 - Oct. 1968	1968
19690082899	Marine geophysical survey program, 1965-1967 - Western North Atlantic and eastern and central North Pacific Oceans. Area 6, volume 8 - Core, sound velocimeter, hydrographic and bottom photographic stations-cores Final report	1968
19690082915	Conceptual flutter analysis research on wing-pylon-store flutter and chordwise bending flutter Final report, Dec. 1967 - Dec. 1968	1968
19690082917	Marine geophysical survey program, 1965-1967 - Western North Atlantic and eastern and central North Pacific Oceans. Area 6, volume 8A - Core, sound velocimeter, hydrographic, and bottom photographic stations /sound velocity profiles/ Final report	1968
19690082920	Flight dynamics of the basic finner in various degrees of freedom Final report, Feb. 1966 - May 1968	1968
19690082926	Solid-state ultraviolet detectors for fire and explosion detection Final report, 1 Nov. 1967 - 1 Dec. 1968	1968
19690082939	Undersea studies with the deep research vehicle Star 3	1968
19690082943	Fungus resistance of radar chronograph set /M36/	1968
19690082944	Fuel injection system studies Final report, Sep. 1967 - Jul. 1968	1968
19690082947	Research on materials essential to cryocooler technology - Thermophysical and transport properties of argon, neon, nitrogen, and helium-4 Final report, Jun. 1967 - Oct. 1968	1968
19690082948	Feasibility study of a gasless-smokeless infrared source Final report, 5 Jan. - 30 Oct. 1968	1968
19690082950	Gyro centrifuge testing - A description of the counter rotating platform environment	1968
19690082953	An instrumental variable method for real-time identification of a noisy process	1968
19690082957	Computer techniques for multi-channel filtering Final development report, 15 Feb. 1966 - 15 Nov. 1968	1968
19690082958	In-process control techniques for complex semiconductor structures Interim technical report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082959	Techniques applied to the in-process measurement of surface layer quality of semiconductors non-destructive determination of pinhole density in silicon oxide dielectric films Interim engineering progress report	1968
19690082980	The structure and strength of glass fibers	1968
19690082982	Investigation of electro-optical techniques for controlling the direction of a laser beam Interim report	1968
19690082985	Laboratory and field tests of hand-held stabilized sights /Image compensating sights/	1968
19690082992	Wear and life of cutting tools	1968
19690083003	Evaluation of beach matting resin system for single pass soil stabilization Technical report, Apr. - Nov. 1967	1968
19690083012	Digital data sampling modules Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19690083013	AS-205/CSM-101 flight mechanical failure effects of thrust loss in two engines	1968
19690083018	Digital cryogenic thermometer Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690083024	Injector orifice study Apollo service propulsion system	1968
19690083026	AN/PPS-// high reliability study Monthly progress report, 14 Jun. - 13 Jul. 1968	1968
19690083027	AN/PPS-// high reliability study Monthly progress report, 15 Jul. - 16 Aug. 1968	1968
19690083028	AN/PPS-// high reliability study Final report	1968
19690083029	AN/PPS-// high reliability study Supplement to final report	1968
19690083033	Computers and data processing - Expert opinion survey	1968
19690083034	Feasibility study phase 1A. Synthetic aperture array techniques for high resolution ocean bottom mapping Final report	1968
19690083040	A six level prognostic-diagnostic solution procedure with a new approach in modeling of boundary layer frictional effects	1968
19690083043	Experimental techniques to determine N sub tu of compact heat exchanger surfaces	1968
19690083056	An integrated voltage-to-frequency converter. A tutorial design study of a new monolithic integrated circuit	1968
19690083059	Life cycle cost analysis for radar set AN/PPS /Failure-free development program/ J1090-3 Technical report, 14 Jun. - 14 Oct. 1968	1968
19690083070	Field-effect transistor reactance circuits	1968
19690083079	The lattice-grid network and its applications to the minimization and threshold-gate realization of Boolean switching functions	1968
19690083080	DISAC to integrated processor interface system	1968
19690083082	Microelectronic teletypewriter transmitter	1968
19690083086	Spin Axis Bearing Improvement Program Progress Report	1968
19690083094	Electrode-electrolyte interactions magnesium anodes - Meta-dinitrobenzene cathodes Semiannual report, 1 Dec. 1967 - 30 Jun. 1968	1968
19690083095	A technique for measuring unsteady pressures	1968
19690083100	Subsonic Cruise Attack Missile /SCAM/. Volume 4. Preliminary engine designs, performance and fuels. Appendix A through H Final report, 15 Mar. - 15 Jul. 1968	1968
19690083101	Subsonic Cruise Attack Missile /SCAM/. Volume 4. Preliminary engine designs, performance and fuels. Supplement Final report, 15 Mar. - 15 Jul. 1968	1968
19690083107	DART gyro	1968
19690083110	Investigation of the physical and chemical nature of the surface of recently developed fibers	1968
19690083115	An approximate solution of the nonlinear differential equation for the complex angle of attack of a symmetrical missile Final report, Jun. - Oct. 1967	1968
19690083117	Residual stress measurements on mechanically formed angles	1968
19690083118	Radar set AN/PPS /Failure-free development program/ Interim development report, 14 Jun. - 14 Jul. 1968	1968
19690083119	An annotated bibliography on subjects related to graphite-fiber-reinforced metal-matrix composites Technical report, 23 May - 15 Dec. 1968	1968
19690083121	Preliminary design and applicability study of a personnel survival system, volume 1 Final report	1968
19690083122	Preliminary design and applicability study of a personnel survival system, volume 2 Final report	1968
19690083125	V/STOL flight test instrumentation requirements for extraction of aerodynamic coefficients, volume 1 Final report, Dec. 1967 - Sep. 1968	1968
19690083138	The effect of stagnation temperature and molecular weight variation on gaseous injection into a supersonic stream	1968
19690083141	Conversion of a C-11B instrument flight trainer into a variable stability flight simulator	1968
19690083142	A preliminary design study for a ground effect machine	1968
19690083143	A spectroscopic investigation of moving striations in a neon glow discharge	1968
19690083144	Propagation of a simple transient in an isovelocity layer with pressure-release boundaries	1968
19690083145	A concise handbook of mathematics, volume 2	1968
19690083148	Wind tunnel measurements of the aerodynamic characteristics of the 2.75 wrap around fin rocket using a magnetic suspension system Final technical report, 15 May 1967 - 15 Dec. 1968	1968
19690083151	Resistor, fixed film	1968
19690083152	Radar set AN/PPS /Failure-free development program/ J1090-2 Interim development report, 14 Jul. - 14 Aug. 1968	1968
19690083153	Applications of underwater photogrammetry	1968
19690083154	The trans-derma-phone - A research device for the investigation of radio-frequency sound stimulation	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083159	A preliminary assessment of lamellar and particulate composites containing a high percentage of beryllium by weight	1968
19690083160	Machining damage in beryllium Final report, 1 Mar. 1965 - 31 Dec. 1966	1968
19690083161	Release of iodine-131 from irradiated uranium. Impregnated graphite fuel by annealing	1968
19690083162	Small Components Test Loop /SCTL/ overall conceptual system design description	1968
19690083163	Delta semiconductors thermistors, design appraisal report	1968
19690083165	Propulsion system flow stability program /Dynamic/. Part 5 - Models for prediction compressor response to spatial and time variant distortion - Basic theory and comparisons of model and test data Final technical report on phase 1, 20 Jun. 1967 - 30 Sep. 1968	1968
19690083166	Propulsion system flow stability program /Dynamics/. Part 6A - Models for predicting compressor response to time variant distortion Final technical report on phase 1, 20 Jun. 1967 - 30 Sep. 1968	1968
19690083167	Propulsion system flow stability program /Dynamics/. Part 6B - Models for predicting compressor response to combined spatial and time variant distortion Final technical report on phase 1, 20 Jun. 1967 - 30 Sep. 1968	1968
19690083168	Propulsion system flow stability program /Dynamic/. Part 7 - Model for predicting compressor performance with combined circumferential and radial distortion - Basic theory and model description Final technical report on phase 1, 20 Jun. 1967 - 30 Sep. 1968	1968
19690083169	Propulsion system flow stability program /Dynamic/. Part 8 - Model for predicting compressor performance with combined circumferential and radial distortion - Computer program Final technical report on phase 1, 20 Jun. 1967 - 30 Sep. 1968	1968
19690083170	Propulsion system flow stability program /Dynamic/. Part 9 - Model for predicting compressor performance with combined circumferential and radial distortion - Computed and experimental results Final technical report on phase 1, 20 Jun. 1967 - 30 Sep. 1968	1968
19690083171	Propulsion system flow stability program /Dynamic/. Part 10 - Explicit stall prediction model - Theory and comparison of computed and experimental results Final technical report on phase 1, 20 Jun. 1967 - 30 Sep. 1968	1968
19690083172	Propulsion system flow stability program /Dynamic/. Part 12 - Unsteady combustion in duct burners and afterburners Final technical report on phase 1, 20 Jun. 1967 - 30 Sep. 1968	1968
19690083173	A guide to biological sound-scattering data collection and interpretation	1968
19690083174	Tsunamis and seismic seiches reported from the western North and South Atlantic and the coastal waters of northwestern Europe	1968
19690083175	Positioning the Gulf stream with airborne radiation thermometer data	1968
19690083178	Thermal aging of hydrided Zircaloy-2	1968
19690083179	The mechanical properties of Zircaloy-2 tubing containing circumferentially aligned hydride	1968
19690083180	Fracture of graphite ring specimens by diametral compression and internal pressure	1968
19690083181	Irradiation-induced precipitation in a niobium-stabilised stainless steel	1968
19690083185	Review and planning in simulation - Notes of the 23-25 April 1968 DASA meeting	1968
19690083186	Pulsed radiation simulators	1968
19690083187	A SUPER COGEN machine	1968
19690083188	Relativistic beam theory	1968
19690083189	A 7-ohm, 1 MV 50 nsec dielectric pulse generator	1968
19690083190	Recent developments in laser-triggered switching	1968
19690083191	Gamble 1 current generator	1968
19690083192	High current electron gun dynamics	1968
19690083193	Synchrotron radiation	1968
19690083194	Controlled current chopping for intense radiation pulses and rapid switching	1968
19690083195	Collisionless shock waves and turbulent heating in high voltage theta pinches	1968
19690083201	On the Question of Low-level Cloud Response to the Temperature Field of the Sea Surface	1968
19690083209	Development and testing of plutonium dioxide- uranium dioxide fast reactor fuels Quarterly report, Jan. - Mar. 1968	1968
19690083221	Signal-to-noise performance comparison of PFM and PCM telemetry systems	1968
19690083225	Research and Development Division Progress report, 1 Oct. - 31 Dec. 1968	1968
19690083226	Advanced Projects and Reactor Physics Division Progress report, 1 Oct. - 31 Dec. 1968	1968
19690083227	Collapsed clad fuel pin fabrication techniques	1968
19690083228	Experience obtained at Karlsruhe with different kinetic methods of reactivity determination	1968
19690083229	An attempt to detect electron antineutrino plus proton yields neutron plus positive beta by detecting only the positron	1968
19690083231	Development and evaluation of a static and dynamic rocket thrust measurement technique /U/	1968
19690083232	Methods of improving frequency response of solid propellant rocket motor thrust stands /U/	1968
19690083234	Measurement techniques for ducted rocket performance tests /U/	1968
19690083235	Review of instrumentation development programs sponsored by the AFRPL /U/	1968
19690083236	Analytical determination of instantaneous nozzle erosion rate /U/	1968
19690083237	A comparison of two methods of measuring particle size of alumina produced by small rocket motor /U/	1968
19690083238	Scaling burning rate /U/	1968
19690083247	Compound A/hydrazine engine design study, part 1 /U/ Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083248	Compound A/hydrazine engine design study. Part 2 - Appendixes /U/ Final report, 3 Apr. 1967 - 9 Nov. 1967	1968
19690083276	Current status and future of Army liquid propulsion /U/	1968
19690083277	Advanced packaged liquid rocket engine /ARE-2/ development /U/	1968
19690083278	Design, qualification, and fabrication of the Mariner Mars 1969 propulsion subsystem /U/	1968
19690083279	Status report on MIST /multipurpose in-space throttlable rocket engine/ /U/	1968
19690083281	Radioisotope-heated ammonia thruster /U/	1968
19690083282	Recent developments in advanced maneuvering propulsion technology /U/	1968
19690083283	Thermal management in cryogenic space propulsion /U/	1968
19690083284	Thermal management for hydrazine attitude control systems /U/	1968
19690083285	Trends and performance comparison of liquid bipropellants for Navy tactical missions /U/	1968
19690083286	Gas pressurant saturation techniques for rocket test facility propellant tanks /U/	1968
19690083287	Preliminary development of two thermal bed gas generators /U/	1968
19690083288	The use of chemical vapor deposited aluminum for propellant tank liners and expulsion bladders /U/	1968
19690083289	Progress in techniques of propellant expulsion for Army weapons /U/	1968
19690083290	Application of positive-expulsion bladder concepts to the Lance feed system	1968
19690083291	Evaluation of positive expulsion devices for upper stage vehicles /U/	1968
19690083292	Correlation of injector spray parameters with rocket engine performance /U/	1968
19690083293	AFRPL orbital/ground experiments in surface adhesion mechanics /U/	1968
19690083294	Development testing of a 250 K aerospike thrust chamber /U/	1968
19690083295	Variable thrust tactical propulsion using high energy storable liquid propellants /U/	1968
19690083296	High delta V space engine design criteria with oxygen difluoride/diborane propellants /U/	1968
19690083297	Fluorine thrust chamber assembly development program /U/	1968
19690083298	Materials compatibility with hydrazine-based monopropellants /U/	1968
19690083299	Long term storability of propellant tankage and components /U/	1968
19690083300	LAR storage studies /U/	1968
19690083301	Use of elastomers for higher performance, lower cost liquid rocket propulsion systems /U/	1968
19690083302	Effects of heat sterilization and chemical decontamination of hydrazine propulsion systems for planetary landers /U/	1968
19690083303	Diagnosis, duplication, and resolution of feed system reaction problems in the XMGM-52B Lance missile /U/	1968
19690083304	Recent progress on demand mode integral rocket ramjet /U/	1968
19690083305	Secondary combustion of pentaborane-hydrazine exhaust in air /U/	1968
19690083306	Air-augmented performance of a hybrid gas generator /U/	1968
19690083307	Hybrid propulsion system for advanced rocket-powered target missile /U/	1968
19690083309	Hybrids reviewed for application to Army missiles /U/	1968
19690083312	Status of metallized propellant technology for Navy tactical missiles /U/	1968
19690083313	Performance characteristics of NOTSGEL-A fuel over wide temperature ranges /U/	1968
19690083314	Definition of thrust chamber-injector design criteria for high performance with the CTF/gelled boron fuel propellant combination /U/	1968
19690083317	Development of thermally stable liquid fuels /U/	1968
19690083318	Field test methods for analyzing 50/50 hydrazine/UDMH fuel and nitrogen tetroxide oxidizers /U/	1968
19690083319	Advancement of a high specific impulse-density packageable liquid propellant oxidizer /U/	1968
19690083320	Kinetics of the thermal decomposition of liquid hydrazine /U/	1968
19690083321	A simplified route for processing slurry fuels /U/	1968
19690083322	Analytical and experimental studies of the transient behavior of catalytic reactors for hydrazine decomposition /U/	1968
19690083323	Fluidics in liquid propulsion controls /U/	1968
19690083324	Systematic testing of attitude control engines /U/	1968
19690083325	On the dynamic behavior of bipropellant propulsion systems and recent test results of the lunar module reaction control system /U/	1968
19690083326	ARPA project prestage flight test program /U/	1968
19690083328	A scale model investigation of rocket exhaust effects on an improved Saturn 5 booster utilizing solid propellant strap-ons /U/	1968
19690083329	Status of plume calculations for impingement predictions /U/	1968
19690083331	Synthesis and application of the ICRPG liquid-propellant rocket-motor performance evaluation method /U/	1968
19690083332	Effect of nozzle combustion on rocket engine performance /U/	1968
19690083333	Turbine flowmeter performance model /U/	1968
19690083335	Recent advances in transpiration cooling /U/	1968
19690083336	Performance and evaluation of graphite cloth phenolic ablative chambers in a 2000 psi interhalogen combustion environment /U/	1968
19690083337	Combustion chamber and nozzle materials for chlorine trifluoride and aluminum gelled propellants /U/	1968
19690083338	Application of solid rocket materials technology to a high performance metallized liquid propellant system /U/	1968
19690083339	Refractory tube test chamber and materials evaluation program /U/	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083340	Instrumentation technology for the detection and diagnosis of combustion instability /U/	1968
19690083341	Status of stability rating techniques for liquid rocket engines /U/	1968
19690083342	Fire protection - Apollo test and launch facilities /U/	1968
19690083343	Emergency exposure limits for rocket propellants /U/	1968
19690083344	Potential application of Halon 1301 to hypergolic propellant spills and fires /U/	1968
19690083345	Metal ignition in oxygen difluoride /U/	1968
19690083346	Damage control methods in a CTF environment /U/	1968
19690083347	Hazards to man created by environmental acoustic energy /U/	1968
19690083348	Liquefied hydrogen safety - A review /U/	1968
19690083352	Interactions of thulium oxide with container metals /U/	1968
19690083360	Fuel and materials division Progress report, 1 Oct. - 31 Dec. 1968	1968
19690083361	Analysis of components in biological fluids in a gravity free environment emphasizing procedures suitable for use in an orbiting laboratory Continuation of final progress report, 1 Sep. 1967 - 31 Aug. 1968	1968
19690083377	The vectoroculogram as a tool for vestibulo-ocular reflex study	1968
19690083378	Study of the engineering of cloud seeding Final report	1968
19690083383	Corrosion resistance of beryllium Final report	1968
19690083385	Proceedings of the second symposium on infrared sensors for spacecraft guidance and control	1968
19690083386	Soviet horizon measurements	1968
19690083387	A-OGO horizon sensor system	1968
19690083388	An all solid-state earth-aspect sensor for deep-space solar-orbiting vehicles	1968
19690083389	Formation and stability of the earth's limb in the UV	1968
19690083390	Theoretical radiance profiles for the 15 micron carbon dioxide band	1968
19690083391	The earth's limb for the 15 micron carbon dioxide absorption band	1968
19690083392	The IR horizon of the earth as measured from Aerobee sounding rockets	1968
19690083393	NASA-LRC program to define experimentally the earth's IR horizon	1968
19690083394	All-altitude thermopile edge tracking horizon sensor	1968
19690083395	Earth model for design and evaluation of edge-tracking earth sensors	1968
19690083396	A carbon dioxide band earth sensor for spin stabilized vehicles	1968
19690083397	High-accuracy, high-reliability horizon sensor system	1968
19690083398	A visual horizon based on sextant data from the D-9 Gemini-7 experiment	1968
19690083399	High precision horizon crossing indicators operating in the carbon dioxide band with radiance compensation	1968
19690083400	Profile - An orbital program of limb measurement	1968
19690083401	Long-life earth sensor	1968
19690083402	MOGO horizon sensor system	1968
19690083403	The Earth Albedo Sensor /EAS/	1968
19690083404	Proceedings of the 1968 Army Numerical Analysis Conference	1968
19690083405	Inversion of Hankel and Toeplitz matrices	1968
19690083406	Fourier processing shortcuts	1968
19690083407	Computer programming for accuracy	1968
19690083408	Computation of the dynamic response of a membrane	1968
19690083409	Integration of the time-dependent Navier-Stokes equations in two dimensions	1968
19690083413	A model for a criticality excursion	1968
19690083414	Portable prototype tube flare inspection instrument Final report	1968
19690083417	Fast breeder reactor development program Final report, 1 Jan. 1966 - 31 Dec. 1967	1968
19690083419	A study of improved radioisotope excited light source techniques	1968
19690083421	Correlation between initiating defect lengths in rotor and shaft failures and calculated critical crack lengths	1968
19690083422	Hypersonic arbitrary-body aerodynamic computer program Mark 3 version. Volume 1 - User's manual	1968
19690083423	Hypersonic arbitrary-body aerodynamic computer program Mark 3 version. Volume 2 - Program formulation and listings Final report	1968
19690083426	Reduction of energy spread on the Rutherford Laboratory PLA	1968
19690083429	The prediction of creep collapse pressures and times for nuclear fuel cladding	1968
19690083430	Analytical Sciences Division Progress report, 1 May - 31 Oct. 1968	1968
19690083435	The NWC camera barricade and firing chamber	1968
19690083442	Electrocatalysis of oxygen reduction by the tungsten bronzes Semiannual report, 1 Mar. - 31 Aug. 1968	1968
19690083444	Report of laboratory evaluation of F-4 aircraft modified central air data computer Final report	1968
19690083450	Air induced ground shock effects on Alluvium-Playa materials	1968
19690083451	Developmental investigation of the Arma Dynatune two-degree-of-freedom gyroscope, model C Final report	1968
19690083468	Evaluation of ventilation system for aircrew protective clothing and devices, summer flight suits in T-28 B/C airplane Final report	1968
19690083470	Some aspects of the theory, state of the art, and flight experience of gravity gradient stabilized vehicles Technical report, May - Sep. 1968	1968
19690083476	EBW firing unit-detonator compatibility tests Final report	1968
19690083480	Toxicological studies on beryllium and oxides and beryllium-containing exhaust products Technical report, 1 Jan. 1966 - 31 May 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083486	Development of cutter geometry based on material properties Final technical report, 30 Jun. 1967 - 30 Sep. 1968	1968
19690083495	Infrared to visible conversion in crystals Final progress report	1968
19690083496	Chemoelectric energy conversion for nonaqueous batteries and fuel cells Quarterly report, Apr. - Jun. 1968	1968
19690083497	Testing of electrocatalysts for hydrazine oxidation in acid liquid ammonia	1968
19690083498	Sulfur cathode studies for nonaqueous fuel cells	1968
19690083499	Electrochemical reduction of m-dinitrobenzene in dimethylsulfoxide and liquid ammonia solutions	1968
19690083500	Investigations of beryllium anodes in nonaqueous electrolyte solutions	1968
19690083501	Electro-organic reduction in nonaqueous electrolytes at optically transparent electrodes	1968
19690083502	Sonic discharge of gas from a reservoir	1968
19690083503	Thermodynamic properties of interstitial elements in the refractory metals Semiannual report, 1 Jun. - 1 Dec. 1968	1968
19690083504	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments - Materials test and propellant heating test Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968
19690083505	The role of Weltanschauung in problem solving and inquiry	1968
19690083517	Crossflow in turbulent boundary layers	1968
19690083518	Airport capacity analysis	1968
19690083520	A set of similar solutions of the compressible laminar boundary layer equations for the flow over a flat plate with unsteady wall temperature	1968
19690083521	Two-dimensional compressible flow in cascades	1968
19690083522	Research study on instrument unit thermal conditioning panels Quarterly progress report, 1 May - 31 Jul. 1968	1968
19690083524	An investigation of energy storage solids Final report, 12 Oct. 1966 - 11 Oct. 1967	1968
19690083535	Suggestive, predictive, decisive and systemic measurements	1968
19690083537	Acoustic studies of a thin sandwich construction absorber Final report, 1 Jan. - 31 Dec. 1966	1968
19690083539	Sound radiation from plates excited by oscillating hydrodynamic pressure fields	1968
19690083548	Considerations in the design and production of cartographic lenses	1968
19690083549	Control and stability of rotary wing aircraft. Part 3 - Longitudinal motion	1968
19690083561	Astronomy and space flight	1968
19690083562	Astronomical researches in the Soviet Union	1968
19690083563	On the evolution of the galaxies	1968
19690083564	On the development of extragalactic radio sources	1968
19690083565	Meteorite research in the Soviet Union	1968
19690083566	M. V. Lomonosov as an astronomer	1968
19690083568	Fifty years of the great October socialist revolution. Ten years of active space travel	1968
19690083569	The development of Soviet space flight in the year 1966	1968
19690083570	The development of Soviet space flight in the first semester of 1967	1968
19690083585	Solid-state accelerometer Final report, 1 Nov. 1967 - Nov. 1968	1968
19690083588	The kinetics of the sublimation of ammonium picrate	1968
19690083593	Laser air-sea rescue device study Final engineering report, 1 Jun. - 30 Sep. 1968	1968
19690083595	Index of US Naval aircraft, air-launched guided missiles and their propulsion systems	1968
19690083607	Low speed static stability tests of a 1/15- scale underpowered rotor wing model - Series 7	1968
19690083608	Folding wing development program Summary report	1968
19690083615	Fifth ICRPG Combustion Conference. Expanded abstracts and slides	1968
19690083616	Laser applications - Holography	1968
19690083617	Fluorescent photography of droplets in a spray using a Q-switched laser as a light source	1968
19690083618	High speed shadow and schlieren photographs of the combustion of nitrogen tetroxide/ 50 percent hydrazine-50 percent UDMH in a small windowed combustion chamber	1968
19690083619	Internal rocket-engine probes for use in a combustion instability environment	1968
19690083620	Use of a machine gun as a stability rating device for liquid propellant rocket engines	1968
19690083621	Progress in understanding stability rating with bombs and pulse guns	1968
19690083622	A mathematical model for transverse mode instability with feed system coupling for Titan 3	1968
19690083623	The H-1 engine analog stability model	1968
19690083624	The influence of gaseous hydrogen flow system dynamics on high-frequency combustion instability	1968
19690083625	Dissolved gas and Helmholtz resonance in rocket injectors	1968
19690083626	Droplet shattering	1968
19690083627	A mathematical model of the ignition transient for hypergolic propellants	1968
19690083628	Hydrazine-nitrogen tetroxide combustion response to transverse gas flows	1968
19690083629	Dynamic behavior of liquid jet atomization	1968
19690083630	Coupling between impinging liquid jets and transverse acoustic flows	1968
19690083631	Radial winds	1968
19690083632	The Galerkin method and its use in the solution of combustion instability problems	1968
19690083633	Theoretical analysis of nonlinear transverse combustion instability in liquid propellant rocket motors using a droplet evaporation model	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083634	Nonlinear combustion instability in liquid propellant rocket motors	1968
19690083635	Combustion instability model for high chamber pressure	1968
19690083636	Application of Modal Energy Theory to combustion chamber problems	1968
19690083637	Three-dimensional combustion instability in liquid-propellant rocket engines - A parametric study	1968
19690083638	Combustion characteristics of the lunar module descent engine	1968
19690083639	Acoustic instability in storable propellant rocket motors	1968
19690083640	Correlation of sensitive-time-lag-theory combustion parameters with thrust chamber design and operating variables	1968
19690083641	An experimental investigation of injection distribution on the stability of hydrogen-oxygen engines	1968
19690083642	Combustion effects in sprays	1968
19690083643	An experimental study of the nitrogen tetroxide/hydrazine jet separation phenomena	1968
19690083644	The calculation of steady state droplet vaporization at supercritical atmospheric pressure	1968
19690083645	A study of droplet gasification and combustion at high pressures	1968
19690083646	Oxidizer flame temperature and flow effects upon the burning rate of exothermically decomposing fuels	1968
19690083647	Application of recently developed steady-state combustion models to analysis of combustion instability	1968
19690083648	Use of shock waves to study combustion parameters	1968
19690083649	Evaluation of absorbing liners for storable propellant rocket motors. Part 2. Nonresonant and ablative liners	1968
19690083650	Acoustic liner for the C-1 engine	1968
19690083651	Recent advances in acoustic liner technology at the Lewis Research Center	1968
19690083652	Acoustic liner studies at Princeton University	1968
19690083653	Combustion stabilization with acoustic absorbers	1968
19690083659	Fleet evaluation of AML-350 water displacing, corrosion-preventive compound	1968
19690083660	Automation in photogrammetry Technical note	1968
19690083675	Thermodynamic properties of rocket combustion products Final technical report, 15 Oct. 1967 - 15 Oct. 1968	1968
19690083678	Orographic effects on precipitation processes Final report, 1 Dec. 1963 - 1 Mar. 1968	1968
19690083687	A simulation of the effects of pulse height statistics on imaging at low-light levels	1968
19690083689	The AFRPL exhaust plume interference characterization program /Project Epic/ /U/ Progress report, 1 Jan. - 31 Aug. 1968	1968
19690083699	Research quarterly progress report, January - March 1968 /U/	1968
19690083700	Static test firing report for RPL PBPS test no. 8 /AMV-4D/ TU-592/02.07 gas generator TU-591/02.05 axial motor /U/	1968
19690083701	Static test firing report for RPL PBPS test no. 7 /AMV-4C/ TU-592/02.06 gas generator TU-591 /02.04 axial motor /U/	1968
19690083702	Static test firing report for RPL PBPS test no. 6 /AMV-4B/ TU-592/02.05 gas generator TU-591/02.03 axial motor /U/	1968
19690083703	Static test firing report for RPL PBPS test no. 5 TU-592/02.04 gas generator TU-591/02.02 axial motor /U/	1968
19690083704	Static test firing report for RPL PBPS test no. 3 TU-592/02.03 gas generator TU-591/02.01 axial motor /U/	1968
19690083706	Research quarterly progress report, April - June 1968 /U/	1968
19690083708	Development of naturally fragmenting materials /U/ Summary report, 22 Feb. 1967 - 21 Feb. 1968	1968
19690083714	Development of new high energy explosive compositions /U/ Quarterly progress report, 17 Jul. - 17 Oct. 1968	1968
19690083736	XT80-A-2 turboshaft engine /U/	1968
19690083742	The effectiveness of a Nimbus fabric in attenuating thermal radiation /U/ Final report, 1965-1966	1968
19690083762	Nonlinear analysis of small finite axisymmetric deformations of thin orthotropic shells of revolution	1968
19690083763	Evolution of the turbulence wakes behind inlet guide vanes	1968
19690083767	Indexes to 698 Civil Defense documents /classified and unclassified, limited distribution/ /U/	1968
19690083772	Hard-structures munition, phase 2. Volume 3. Delivery vehicle system /U/ Final report, 10 Jun. 1966 - 15 Dec. 1967	1968
19690083787	Production Engineering Measure /PEM/ for silicon mixer diode, volume 1 Final technical report, 29 Mar. 1965 - 15 Nov. 1968	1968
19690083788	Production Engineering Measure /PEM/ for silicon mixer diode, volume 2 Final technical report, 29 Mar. 1965 - 15 Nov. 1968	1968
19690083790	Failure mechanisms in sealed batteries, part 4 Semiannual technical report, 1 Jan. - 30 Jun. 1968	1968
19690083791	Propulsion system flow stability program /dynamic/. Part 16 - Survey of sensors applicable to the control of aircraft propulsion systems, phase 1 Final technical report, 20 Jun. 1967 - 30 Sep. 1968	1968
19690083792	Propulsion system flow stability program /dynamic/. Part 19 - Preliminary control concepts for an advanced tactical fighter, phase 1 Final technical report, 20 Jun. 1967 - 30 Sep. 1968	1968
19690083793	Test report for pressure switch, adjustable 3000 psig hydraulic fluid, Custom Components, Inc., NASA part no. 75M07505C	1968
19690083805	Test report for solenoid valve, 1/2-inch, 2-way, 2-position Marotta Valve Corp. part no. MV-509, NASA part no. 76K00187, NASA control no. 3400-3	1968
19690083806	Test report for service arm hydraulic Teflon flex hose, NASA part no. 75M10979-1	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083814	Radar set AN/PPS- /failure free development program/ J1090-3, volume 1, part 1 Final development report, 14 Jun. - 14 Oct. 1968	1968
19690083815	Radar set AN/PPS- /failure free development program/ J1090-3, volume 2, part 2 Final development report, 14 Jun. - 14 Oct. 1968	1968
19690083816	Radar set AN/PPS- /failure free development program/ J1090-3. Volume 3, part 3A - Design drawings Final development report, 14 Jun. - 14 Oct. 1968	1968
19690083817	Radar set AN/PPS- /failure free development program/ J1090-3. Volume 4, part 3B - Appendices Final development report, 14 Jun. - 14 Oct. 1968	1968
19690083818	Life cycle cost analysis for radar set AN/PPS- /failure free development program/ J1090-3, amendment no. 1 Final development report, 14 Jun. - 14 Oct. 1968	1968
19690083844	Analysis, design and fabrication of a multi-element pyroelectric detector system Final report	1968
19690083845	Study of advanced multispectral sensor systems	1968
19690083850	Development and application of nonflammable carboxy-nitrose-terpolymer	1968
19690083889	Uric acid degradation and biosynthesis of the enzymes uricase, glyoxylate carbonylase, and urease in hydrogenomonas H-16. Part 1 - Formation of glyoxylate carbonylase and D-glycerate-3-dehydrogenase	1968
19690083896	Production engineering measure for type CR-/XM-57//U crystal units Quarterly report, Oct. - Dec. 1968	1968
19690083897	Production engineering measure for type CR-/XM-60//U crystal units Quarterly report, Oct. - Dec. 1968	1968
19690083904	Mission C prime /AS 503/CM 103/ G and N error analysis /U/	1968
19690083946	Synthesis of new explosives /U/ Final report, 20 Oct. 1967 - 20 Oct. 1968	1968
19690083958	Ducted rocket inlet characterization program. Part 1 - Design studies and inlet selection re-evaluation for increased altitude operation with fixed fuel flow and fixed geometry /U/ Technical report, 5 Feb. - 18 Jul. 1968	1968
19690083959	Ducted rocket inlet characterization program. Part 2 - Configuration 3 air induction system test report /U/ Interim report, 5 Feb. - 18 Jul. 1968	1968
19690083971	Efficacy studies of infrared laser materials Final report, 20 Nov. 1967 - 20 May 1968	1968
19690083978	A formulation of the aerodynamic terms to facilitate missile air frame simulation	1968
19690083992	Proceedings of the Brookhaven Conference on Industrial Needs and Academic Research in Reactor Kinetics	1968
19690083993	Reactor kinetics effects of significance to large boiling water reactor design and operation	1968
19690083994	The requirements for reactor kinetic analysis in pressurized water reactor cores	1968
19690083995	Reactor kinetic considerations in high temperature gas-cooled reactors	1968
19690083996	A method for the study of autocatalysis and/or pressure histories in fast breeder reactor excursions	1968
19690083997	Industrial needs in fast reactor kinetics	1968
19690083998	Academic-industrial relationships in LMFBR reactor kinetics	1968
19690083999	Some recent advances in reactor dynamics and control	1968
19690084000	On the asymptotic stability of reactors with arbitrary feedback	1968
19690084001	On the relation between core design and reactor excursions	1968
19690084002	Nuclear reactor kinetics research at the University of Florida	1968
19690084003	Berkeley kinetic studies	1968
19690084004	Accuracy of the quasistatic treatment of spatial reactor kinetics	1968
19690084005	Reactor kinetics work at ORNL	1968
19690084006	Reactor kinetics research at Brookhaven National Laboratory	1968
19690084007	Developments in reactor kinetics required for the LMFBR	1968
19690084008	Analytical and experimental investigation of the kinetic behavior of a uranium-dioxide fueled pressurized water reactor	1968
19690084009	The application of Lie series to time dependent reactor theory	1968
19690084010	Reactor dynamics topics recently investigated at Karlsruhe	1968
19690084011	Methods for the study of the control of natural uranium, graphite, gas-cooled reactors	1968
19690084012	The stability of the CANDU-BLW system	1968
19690084013	Space-time reactor kinetics development at KAPL	1968
19690084046	Characteristics of gas switching devices in the 4-mm-wave region	1968
19690084047	Lecture series in modern analysis and applications. Session 4 - Geometric and qualitative aspects of analysis	1968
19690084057	Quarterly operating report for radioisotope power devices of the US Navy, volume 2, no. 4 Quarterly report, 1 Oct. - 31 Dec. 1968	1968
19690084062	The influence of oxide kernels on the manufacture and performance of coated particle fuel	1968
19690084075	Advanced illumination source Final report, Aug. 1966 - May 1967	1968
19690084078	Laboratory measurements of absolute fluorescent efficiencies in air excited by high energy electrons Final report, 24 Apr. 1967 - 31 Jul. 1968	1968
19690084093	An experimental study of a self-acting foil bearing at low values of foil tension	1968
19690084110	Spectrum signature of radio receiving set AN/APN-70A Final report, 15 Nov. - 4 Dec. 1967	1968
19690084131	Oceanographic cruise summary, a seismic survey of Wilmington Canyon - USNS Lynch /T-AGOR 7/, July 1968	1968
19690084141	Tunnel diode oscillator F sub 1, F sub 1 repeater Final report, 20 Feb. - 20 Nov. 1968	1968
19690084165	Calibration of IITRI pressure time gages and gage system Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084176	Evaluation of transistors 2N2369, 2N2484, 2Nb117, 2N3503, and 2N3504 Test evaluation report, Jul. - Nov. 1967	1968
19690084190	Canadian materials newsletter no. 35	1968
19690084196	Canadian materials newsletter no. 36	1968
19690084205	Sound propagation study Annual summary report	1968
19690084219	Andover C. Mk. 1 airfield criteria trails, part 11	1968
19690084220	Atmospheric gusts - A review of the results of some recent RAE research	1968
19690084221	Hardened power supply Final report	1968
19690084222	Improvements to the quick-acting pneumatic valve in the RAE 7-inch hypersonic wind tunnel	1968
19690084223	Study of ADP applications for program control	1968
19690084224	Investigation of transition metal oxides Final technical report, Feb. 1967 - Feb. 1968	1968
19690084228	Delta-61, HEOS-A, flash flight report	1968
19690084229	Delta-63, Intelsat 3 F-2, operations summary	1968
19690084230	Interactions between dislocations and /1121/ plane /1126/ slip twins in titanium	1968
19690084235	The tensile deformation and fracture characteristics of some aluminium alloys	1968
19690084237	Unilateral and minimax control problems defined by integral equations	1968
19690084238	Force measurements on a 1/9 scale model of the FD2 research aircraft at Mach numbers between 0.6 and 1.8	1968
19690084239	Pitot Venturi tube, NASA part no. 75M15214, PRO-1C	1968
19690084243	Development of materials and materials application concepts for joint use as cryogenic insulation and micrometeoroid bumpers Quarterly progress report, Oct. - Dec. 1968	1968
19690084247	Improving X-UV and X-ray gratings Quarterly report	1968
19690084248	An experimental investigation of the aerodynamic characteristics of some short bodies, with and without fins, at Mach numbers from 0.5 to 2.0	1968
19690084249	Measurement of the moments and product of inertia of the Fairey Delta 2 aircraft	1968
19690084251	Effects of radiation on the friction and wear of Kynar Final report, period ending 30 Jun. 1968	1968
19690084252	A comparative study of circular and vertical tape set engine instruments indicating five parameters of four engines	1968
19690084253	The design and analysis of dispersive delay lines by computer	1968
19690084254	The control characteristics of aircraft employing direct lift control	1968
19690084260	Automatic Doppler data reduction equipment for RAE aberporth	1968
19690084261	Performance estimates for a reflected-shock tunnel with a modified driver to produce high test-section Reynolds numbers	1968
19690084262	HS 303 satellite system equipment for Goonhilly - IF amplifiers	1968
19690084263	Silicon radiation detectors for dose-rate measurements	1968
19690084266	A brief note on flow and heat transfer in rotating flows	1968
19690084267	Further experimental investigations of compressible turbulent boundary layers with air injection	1968
19690084268	The development of a space oriented portable work-photographic light in support of S-4B spent stage experiments Final technical report	1968
19690084270	Birds Eye 4-68, 1-16 July 1968 Informal report	1968
19690084273	The effects of hydrogen on unprotected titanium alloy weldments Quarterly progress report, 1 Jul. - 1 Oct. 1968	1968
19690084274	Automatic radiation pattern measuring equipment with punched tape output	1968
19690084276	A servo-controlled breathing simulator	1968
19690084278	The development of structural adhesive systems suitable for use with liquid oxygen Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968
19690084280	A scheme of notation and nomenclature for aircraft dynamics and associated aerodynamics	1968
19690084281	Investigation of the mutual interference of propellers mounted in tandem	1968
19690084282	Development of improved methods for the generation and logging of data for the assessment of transistor reliability	1968
19690084291	An improved subsonic aircraft system cost synthesis model /ASCSM-2/, volume 1	1968
19690084292	Evaluation of an active high voltage static discharge system installed in a Whirlwind 10	1968
19690084293	Biological stress - A preliminary working document	1968
19690084296	Lifting wings with mixed /subsonic-supersonic/ leading edges	1968
19690084297	A critical examination of the use of a two-dimensional turbulent profile family to represent three-dimensional boundary layers	1968
19690084300	An investigation of tandem row high head pump inducers Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690084302	An investigation of tandem row high head pump inducers Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19690084307	Mobile service structure Saturn 5 lunar module adapter and instrument unit, fire suppression and water dilution system - Reliability engineering analysis including single failure point analysis failure mode and effect analysis system study	1968
19690084319	GENAC - A general program for analysis of accuracy, progress through April 1968	1968
19690084324	Delta-59 Intelsat 3-A flash flight report	1968
19690084338	Space vehicle turnaround from scrub /Apollo 7/	1968
19690084355	Apollo/Saturn 1B ground systems evaluation report - Apollo 7 AS-205	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084360	A selected bibliography of geology and geophysics for the Gulf of Mexico	1968
19690084363	A study of cloud patterns observed from ESSA 3 satellite photographs and their relationship to sea surface temperatures in the eastern Gulf of Mexico	1968
19690084383	Passive diagnostic measurements of X-ray tube spectra and comparison of relative dosimeter responses to X-rays in the 3 to 125 keV energy regime Final report	1968
19690084392	The effects of dewetting on fracture of solid propellants	1968
19690084394	Bounds to frequencies of a simply supported rotating beam	1968
19690084400	Traveling seismic soil coupler research Final report, Feb. - Nov. 1968	1968
19690084401	Graphite irradiation experiments in H.F.R. Petten. Part 1 - Capsule design and sample measurement techniques	1968
19690084405	Liquid propellant explosive hazards. Volume 1 - Technical documentary report Final report, Dec. 1968	1968
19690084406	Liquid propellant explosive hazards. Volume 3 - Prediction methods Final report, Dec. 1968	1968
19690084409	Polyurethane foam application apparatus Final technical report, 21 Mar. 1966 - 15 Nov. 1968	1968
19690084410	The effect at M infinity equals 1.7 of changes in bleed geometry on the performance of a side intake of the normal shock type. Part 2 - Bleeds in combination with steps	1968
19690084426	Determination of the ratio of L-X-rays to alpha particles emitted by Pu	1968
19690084429	Radio/optical/strapdown inertial guidance study for advanced kick stage applications. Volume 2 - Detailed study results /tasks 3 and 4/. Part 2 - Preliminary modular design Final report	1968
19690084446	Corrosion evaluation of IN 718 fabricated vane sectors	1968
19690084460	AN/FPQ-6 high gain feed assembly Final report	1968
19690084469	Application of the calderon flap to a carrier- based jet aircraft Final report, Jul. 1967 - Apr. 1968	1968
19690084501	An 80-mm/25-mm variable magnification image tube /U/ Final report, 1 Apr. 1967 - 31 Mar. 1968	1968
19690084541	Investigation of processes affecting distribution of geomagnetically trapped particles Annual report, Aug. 1967 - Nov. 1968	1968
19690084548	An experimental investigation of a stepped- sector thrust bearing using air as a lubricant	1968
19690084559	Antenna performance evaluation of the midcourse active system Technical report, 15 Apr. 1966 - 30 Jun. 1968	1968
19690084634	A linear creep damage theory for thermal fatigue of materials	1968
19690084652	Maneuvering Aircraft Survivability model /MAS/	1968
19690084654	White Sands 13.3 GHz scatterometer terrain statistics	1968
19690084663	Project management - Thoughts from the practice	1968
19690084670	Delta-60 Pioneer-D operations summary	1968
19690084671	An exponential interpolation series	1968
19690084672	Shells with discontinuities - Stress and strength - An annotated bibliography Literature search, 1960 - Aug. 1968	1968
19690084673	Apollo 8 AS-503 prelaunch refurbishment report for Launch Complex 39A	1968
19690084681	Apollo/Saturn-1B/5 propellants and pressurants operation analysis	1968
19690084699	Accuracy of a heliocentric space metric as determined from earth-based tracking	1968
19690084708	Investigation and development of new finishes and coupling agents for high modulus filaments Final report, 15 May 1967 - 14 Mar. 1968	1968
19690084743	Production processes for rolling tapered titanium plate Interim engineering progress report, 16 Apr. - 16 Jul. 1968	1968
19690084810	Digital flight simulation study for the C-141A jet transport. Volume 2 - Math model analysis and test results Final report, Jul. 1967 - Jun. 1968	1968
19690084815	Manufacturing methods for a mission oriented associative processor Interim technical report, 15 Jun. - 15 Dec. 1968	1968
19690084827	Digitized optical radar collimation system theory of operation, circuit description, operation and maintenance instructions	1968
19690084828	Transistor, driver stage, silicon UHF power 2.5 watts - 500 MHz pem Quarterly reports, 1 Jul. - 31 Dec. 1968	1968
19690084829	ORT clutter model studies Progress report for Nov. 1968	1968
19690084830	Hydrocarbon-air fuel cells Semi-annual report, 1 Jan. - 30 Jun. 1968	1968
19690084834	Automatic terrain following trim compensation	1968
19690084837	Detail design and stress analysis of floats and forward support structure for tilt float installation on CH-46A. Volume 2 - Stress analysis of tilt float Final engineering report, 22 Jun. 1967 - 30 Sep. 1968	1968
19690084838	Detail design and stress analysis of floats and forward support structure for tilt float installation on CH-46A, volume 1 Final report, 22 Jun. 1967 - 30 Sep. 1968	1968
19690084840	Marine geophysical survey program 1965 - 1967, western North Atlantic and eastern and central north Pacific Oceans. Area 17, volume 6 - Core, sound velocimeter, hydrographic and bottom photographic stations - Cores and bottom photographs	1968
19690084862	Design of an echo enhancement radar corner reflector to return the same circular polarization Final report	1968
19690084872	Compensation for exponential biases in Kalman filters	1968
19690084875	Criticality number determination of priority 1 ground support equipment for launch complex 34, Saturn 1B AS-205 vehicle	1968
19690084880	Study of software selection for an automated ground station, phase 1	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084881	Study of Software Selection for an Automated Ground Station, Phase 2	1968
19690084882	Analysis of rectangular shallow shells Final report, 27 Jun. 1967 - 30 Jun. 1968	1968
19690084919	Study of service shelters for polar facilities on ice and snow Final report, 7 Dec. 1967 - 13 Oct. 1968	1968
19690084934	Parachute and parachute deployment system for a persistent standoff target marker Final report, Mar. - Jul. 1968	1968
19690084964	Investigation of propellant valve leakage phenomena in Apollo service module reaction control system rocket engine Final report, 31 Jan. 1967 - 30 Apr. 1968	1968
19690084990	Prediction techniques for pressure and heat transfer distributions over bodies of revolution in high-subsonic to low-supersonic flight	1968
19690084997	Fundamental theory and problems related to long range forecasting	1968
19690085009	Cesium feed systems electrical isolation, volume 1 Final report	1968
19690085022	V/STOL avionics study. Phase 1 - Documentation and final briefing	1968
19690085038	Investigation of transition metal oxides Final report, Mar. - Oct. 1968	1968
19690085042	Interference prediction model development - Variable-and fixed-tuned radar frequency assignment	1968
19690085047	Minimum-fuel thrust-limited transfer trajectories between coplanar elliptic orbits	1968
19690085049	Development of nonmetallic fibrous materials for protection of personnel from high intensity thermal radiation Technical report, Jan. 1966 - 30 Sep. 1968	1968
19690085054	Interference prediction model development - Distribution of sum of log-normal variates. Second edition	1968
19690085068	Test and development program for evaluation and improvement of the Raytheon type CK1383 scan-converter tube Final engineering report, Apr. 1966 - Sep. 1968	1968
19690085083	Computer recognition of speech utilizing zero-crossing information	1968
19690085106	Human Factors Engineering Systems Office report 5-68. Factors affecting operator efficiency and mission duration of ASW patrol aircraft	1968
19690085116	Relativistic effects in Doppler tracking	1968
19690085117	Flight simulators - A review of the research and development Final report, Oct. 1967 - Mar. 1968	1968
19690085122	Further research on resin-impregnated, collimated boron filaments and improved high-modulus, high-strength filaments and composites Final technical report, 15 Mar. 1967 - 30 Nov. 1968	1968
19690085125	Interference prediction model development - Cosite interference prediction	1968
19690085131	Self-eject launch technology program /U/	1968
19690085133	Results of the measured performance of the thrust-floated gyroscope, Little John /multiple rail rocket system/, cruciform deflector during a full-scale captive firing /U/	1968
19690085158	Experimental manufacture of propeller rotor blades in fiber glass-reinforced plastics	1968
19690085192	Computer aided circuit analysis as a method of predicting circuit response to fast rise pulse	1968
19690085196	Manufacturing methods for large high-temperature sandwich structures Interim engineering progress report, 17 Jun. - 15 Dec. 1968	1968
19690085199	Propulsion system flow stability program /dynamic/. Part 20 - Computer programs for the root locus analysis of linearized turbojet and turbofan control systems Final technical report, phase 1, 20 Jun. 1967 - 30 Sep. 1968	1968
19690085227	High current density, short life cathodes for linear-beam tubes /U/ Quarterly progress report, 1 May - 31 Jul. 1968	1968
19690085252	Interfacial interaction in composite structures Final report, 20 Nov. 1967 - 19 Nov. 1968	1968
19690085259	Performance data substantiation for standard aircraft characteristics chart and regular flight manual F-111A, no. 31 and on /U/	1968
19690085273	Some comments on the measurement of dynamic pressure and on its determination from measurements of reflected overpressures	1968
19690085285	ATS-F and G data relay experiments	1968
19690085296	A solid-state, portable, frequency-shift-keyed data transmitter	1968
19690085301	Temperature fluctuations near the air-sea interface	1968
19690085304	Stability and deployment analysis of a tethered orbiting interferometer satellite system	1968
19690085308	Analog simulation of automatic glide slope control using wing lift spoilers as direct lift control	1968
19690085312	Lasers and their effects Final report, 31 May 1967 - 19 Jul. 1968	1968
19690085313	Development and evaluation of a fluidic Approach Power Compensator /APC/ Final report	1968
19690085314	Chatter analysis of medium-size machine tools. Volume 2 - Dynamic acceptance tests of machine tools Final technical report, 1 Jun. 1963 - 31 May 1966	1968
19690085317	Operating instructions for the use of the Helmholtz acoustic wave program 32Q	1968
19690085322	Optical Discrimination System /ODS/ concept and mechanization report, volume 2	1968
19690085334	Analysis of a system reliability lower confidence limit assuming gamma and truncated normal failure distributions	1968
19690085335	Experiments with atmospheric primitive equation models	1968
19690085345	Gallium arsenide infrared lamp Final technical report, 12 Jan. 1967 - 11 Apr. 1968	1968
19690085356	Recent advances in high fragmenting steels	1968
19690085361	AS-204 electromagnetic compatibility data	1968
19690085367	Test report for solenoid valve, 1/4 inch 60 psig gaseous nitrogen Valvair Corporation part no. SA-509 NASA part no. 75M15214, PSV-1	1968
19690085374	Electronics in the Army	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085375	Marotta Valve Company, NASA part no. 75M11936, NASA control no. 3128-4 - 3,000 psig, double solenoid valves, NASA part no. 75M11936	1968
19690085378	The 1108 FORTRAN and SLEUTH 2 program conversion from EXEC 2 to the EXEC 8 operating system	1968
19690085389	Preliminary results of the preparation of fibrous metal composites by sintering and rolling	1968
19690085397	Some measurements on terrain scattering properties	1968
19690085407	Toxicity of CNR nitroso rubber	1968
19690085408	Heat shield hatch acceptance test for functional fit at temperature Final report	1968
19690085418	A study of automatic target recognition techniques for night vision devices Final report	1968
19690085423	YT58-GE-16 50 hour preliminary flight rating test engine serial no. 297006-1	1968
19690085424	Results of an experimental investigation to obtain surface pressure distributions on four models - Two variable cross sections of two different scales, volume 2	1968
19690085425	Results of an experimental investigation to obtain surface pressure distributions on four models - Two variable cross sections of two different scales, volume 3	1968
19690085426	Results of an experimental investigation to obtain surface pressure distributions on four models - Two variable cross sections of two different scales, volume 4	1968
19690085453	Thermodynamics report for standard missile type 1 /MR/ with the Mk 56 DTRM, volume 1 /U/	1968
19690085454	Propulsion system flow stability program /dynamic/. Part 11 - Lift engine compressor tests and response to steady-state distortion /U/ Final technical report, 20 Jun. 1967 - 30 Sep. 1968	1968
19690085455	Propulsion system flow stability program /dynamic/. Part 14 - Propulsion system stability margin performance penalties for an RA-5C aircraft /U/ Final technical report, 20 Jun. 1967 - 30 Sep. 1968	1968
19690085456	Advanced fluidic controls for integrated propulsion systems. Part 1 - Fluidic sensing, computation, and logic components /U/ Final report, Apr. 1965 - Apr. 1968	1968
19690085457	Advanced fluidic controls for integrated propulsion systems. Part 4 - Demonstration of an integrated propulsion system control at simulated flight conditions using fluidic control techniques /U/ Final report, Apr. 1965 - May 1968	1968
19690085467	Flexible Tubing Corporation flexible connector, NASA part number 75M15214PEJ-2B, revision C	1968
19690085474	Differential pressure transducer assembly	1968
19690085497	Interior fields of a slotted cylinder radiated with an electromagnetic pulse Technical report, 10 Jun. - 20 Jul. 1968	1968
19690085504	Study of the oceanic polar front in the Denmark Strait	1968
19690085517	Test plan Gemini B adaptor separation test- Abort mode	1968
19690085518	Integrated p-i-n diode phase shifter networks Interim technical report, 15 Jun. - 15 Sep. 1968	1968
19690085527	Production cost estimation of rocket motor designs. Volume 1. Program manual Final report	1968
19690085528	Production cost estimation of rocket motor designs. Volume 2. Users guide for metal program Final report	1968
19690085529	Production cost estimation of rocket motor designs. Volume 3. Users guide for filament-wound program Final report	1968
19690085530	Production cost estimation of rocket motor designs. Volume 4 - Users guide for nozzle program Final report	1968
19690085534	Grounding and noise problems in NTS systems	1968
19690085543	Designing and assuring neutron radiation hardness in integrated circuits	1968
19690085544	The hypersonic aerodynamic characteristics of the Gemini reentry module based on a statistical analysis of wind tunnel test data	1968
19690085562	Development of high value resistor technology compatible with thin-film integrated circuits Final report, 1 Mar. 1967 - 30 Nov. 1968	1968
19690085574	Extravehicular crew transfer test report, July 1968 /U/	1968
19690085575	Reference orbit ephemeris /study orbit number one/ - Sequence number B347, volume 2 /U/	1968
19690085591	A study of soft uranium alloys	1968
19690085598	Propulsion system flow stability program /dynamic/. Part 15 - Propulsion system stability margin performance penalties for an advanced tactical fighter /U/ Final technical report, 20 Jun. 1967 - 30 Sep. 1968, phase 1	1968
19690085616	NAVAIRDEUCEN air-to-air combat simulation	1968
19690085624	Gemini B blast shield - Mechanical properties of aluminum flexcore Final report	1968
19690085625	Physical properties of vacuum de-oiled DC-325 ablative material Final report	1968
19690085626	Tension and shear strength of inserts in the Gemini B blast shield Final report	1968
19690085632	Neutron die-away experiment for lunar and planetary surface analysis, phase 2 Quarterly progress report, 1 Apr. - 1 Jul. 1968	1968
19690085637	Improved materials for aircraft self-sealing fuel cell systems	1968
19690085662	Protecta, a punched tape reader and teleprinter control device	1968
19690085665	Construction and evaluation of a 17 inch flexible diaphragm shock wave valve	1968
19690085667	Results of an experimental investigation to obtain surface pressure distributions on four models - Two variable cross sections of two different scales, volume 1	1968
19690085679	Test report for gate valve manually operated 4-inch, 300-pound - Pacific Valve Company model number S8530F/8/-12T-ASA	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085688	Propulsion system flow stability program /dynamic/. Part 13 - Numerical definition of engine face distortion, phase 1 Final technical report	1968
19690085691	Orbital refueling and checkout study. Volume 7 - Research and development program planning and costing Final report	1968
19690085697	Gemini B mass properties report 3.3 operational support plan for remote site phase	1968
19690085699	Heat shield hatch mechanism - Simulated altitude and temperature functional test Final report	1968
19690085700	Category 1 test plan Gemini B procedures simulator	1968
19690085706	Small gage wire overload protection evaluation Final report	1968
19690085707	Operation and service manual for re-entry module instrumentation simulator 52E440041	1968
19690085708	Gemini B large pressure bulkhead hatch element strength verification test Final report	1968
19690085710	Operation and service manual for split phase converter 52E440049	1968
19690085713	Gemini B orbiting vehicle effectiveness assessment plan report	1968
19690085718	Operation and service manual for spacecraft leakage tester 52E180027	1968
19690085720	Operation and service manual for spacecraft FCS test console 52E180076	1968
19690085727	Simulation of reentry vehicle laser communications in an 8000-kilowatt plasma facility	1968
19690085729	Development of an eight-inch-diameter cast flare Final report, Jul. 1967 - May 1968	1968
19690085739	Swirling two-phase gas-liquid annular downflow	1968
19690085753	List processing research techniques Quarterly report, 15 Nov. 1967 - 14 Feb. 1968	1968
19690085754	Turbulent wake studies Quarterly technical report, 1 Jun. - 31 Aug. 1968	1968
19690085755	A review of available rocket contamination results	1968
19690085757	Investigation of solder joint failures on ATM solar cell modules. Engineering evaluation test report	1968
19690085767	Internal characteristics of explosion-generated waves on the continental shelf Final report	1968
19690085774	Dynamic collapse-hinge buckling of cylindrical shells	1968
19690085784	Modification of 16.5 GHz side looking radar system, phase 2 Final report	1968
19690085785	Hypergolic ignition and combustion phenomena in the propellant system AeroZINE-50/ nitrogen tetroxide Annual report, 1 Sep. 1967 - 30 Nov. 1968	1968
19690085790	Advanced tuning techniques Final report, 1 Jul. 1965 - 15 May 1968	1968
19690085791	Development of microphones for high ambient noise operation Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19690085792	VHF filter crystal research Quarterly report, 16 Jan. - 15 Apr. 1968	1968
19690085793	Vibration test of a 52-85713-339 tape recorder, volume 1 Final report	1968
19690085794	Vibration test of a 52-85713-339 tape recorder, volume 2 Final report	1968
19690085800	Operation and service manual for T/M remote displays power supply assembly 52E440052	1968
19690085810	Test noise minimizing techniques Final report, 1 Dec. 1967 - Aug. 1968	1968
19690085815	Infrared radiometer development, first milestone report	1968
19690085821	Studies in electromagnetic scattering from turbulent wakes, report of research for 1967 - 1968	1968
19690085824	Performance comparison of Gemini B Z191 MDF explosive /DIPAM/ to NASA Gemini Z191 MDF explosive RDX	1968
19690085830	Model missile response studies project 1.12. Operation Distant Plain /events 6 and 1A/	1968
19690085832	On the strength of transverse waves and a geometrical detonation cell model for gas phase detonations	1968
19690085839	Vibration test of a 58A880025-1 tape recorder Final report	1968
19690085840	GBQ antenna tests Final report	1968
19690085841	Static collapse-hinge buckling of cylindrical shells	1968
19690085844	Operation and service manual for Gemini B/MOL/L/V electrical interface substitute 58E040504	1968
19690085854	Investigating optical properties of the sea relevant to subsurface target detection using Orad systems. Volume 2 - Orad performance predictions /U/ Final report	1968
19690085870	Reference orbit Ephemeris /study orbit number one/. Sequence number B347. Volume 3 /U/	1968
19690085873	Aerodynamic Heating and Ablation Results for the X-15A-2 Program, Final Report	1968
19690085879	Hydride crystallization, phase 1 /U/ Summary technical report, 1 Feb. 1967 - 31 Oct. 1968	1968
19690085884	Investigating optical properties of the sea relevant to surface target detection using ORAD systems. Volume 1 - Optical radar ranging from submerged targets in the Gulf of Mexico /U/	1968
19690085889	Consideration of velocity peaks in different transient flows	1968
19690085907	Compensating resistors for active R-C filters Progress report, 1 Mar. - 31 May 1968	1968
19690085908	Active filters Quarterly report, 10 Feb. - 10 May 1968	1968
19690085914	Interface heat exchanger heat transfer element test Final report	1968
19690085916	MOL fluid dynamics test pretest report - Test line item 1A35. MOL flutter test - LM meteoroid shield half-scale model, sequence no. B332 - Data item no. UT-135	1968
19690085918	Development of stripline antenna feed network Final report	1968
19690085931	Operation and service manual for computer system test console 52E270003, volume 2	1968
19690085940	Coldweld hi reliability quartz crystal units CR-1018 and CR-65/U Quarterly report, 25 Aug. - 25 Nov. 1968	1968
19690085943	Operation and service manual for Acpu system tester 52E270086	1968
19690085944	Operation and service manual for IMU pressurization kit 52E270010	1968
19690085956	Time variation of the rough ocean surface and its effects on an incident laser beam	1968
19690085960	The dynamic, elastic-plastic, large displacement response of buckling sensitive cylindrical shells to blast-type loadings. Part 1 - Analytical formulation	1968
19690085965	Titanium carbides as a cause of knife-line corrosion	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085968	Operation and service manual for first and second stage facility N2 regulators 52E420136, 52E420056	1968
19690085975	The detection and statistical classification of seismic signals generated by man	1968
19690085992	Sounding the stratospheric and mesospheric dust layers with laser pulses	1968
19690085995	Dynamics of wheeled vehicles. Report 1 - A mathematical model for the traversal of rigid obstacles by a pneumatic tire. Appendix B - Digital implementation of segmented tire model Final report	1968
19690086001	Report of Working Group Commission 1 on Image Quality to 9th Congress, International Society for Photogrammetry, /Lausanne, Switzerland/, 1968	1968
19690086022	Hatch actuator breech combustible material evaluation Final report	1968
19690086081	Structural optimization of six different types of rectangular plates subjected to combined shear and biaxial-compressive loading	1968
19690086092	Performance characteristics of a 1/2-scale model of the XR-3 captured air bubble vehicle Final report	1968
19690086103	Test pyrotechnics for radiation tests Final test report	1968
19690086109	The feasibility of a hoop main foil for the FHE 400 hydrofoil	1968
19690086137	GAASP light emitting diodes Final report	1968
19690086186	Develop and test of a sterile insertion repair technique Final report	1968
19690086192	Electron beam, quantum, and solid-state studies Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19690086214	Advanced engine aerospike experimental program, volume 2 /U/ Interim report, 1 Jul. 1967 - 31 May 1968	1968
19690086221	Stabilization studies of nitronium perchlorate /U/ Final report, Apr. 1967 - Apr. 1968	1968
19690086265	Bituminous and resinous materials for dust control Final report	1968
19690086268	Operation and service manual for ECS EFC high pressure bench 52E180011	1968
19690086270	Liquid propellant explosive hazards. Volume 2 - Test data Final report	1968
19690086271	Man/system integration specialized analysis Quarterly progress report, 20 Jun. - 30 Sep. 1968	1968
19690086296	Laser designator seeker system /U/ Final report, Nov. 1966 - Mar. 1968	1968
19690086327	Hydride crystallization, phase 1 /U/ Summary technical report, 1 Feb. 1967 - 31 Oct. 1968	1968
19690086345	Analysis of an efficient light integrating mechanism Final report, Mar. 1967 - Aug. 1968	1968
19690086358	Operation and service manual for ECS primary O2 system high pressure leak rate tester 52E180193	1968
19690086359	Operation and service manual for ECS primary O2 and water system low pressure leak rate tester 52E180194	1968
19690086379	Electronic scanning pencil beam antenna Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19690086383	Development of barrier-layer anodized aluminum for spacecraft thermal control Final report	1968
19690086408	Minutes of the Tenth Conference of the International Committee on Aeronautical Fatigue	1968
19690086417	Cite interfaces	1968
19690086418	Qualification test report for fuel pump SCD 58561 Final report, Nov. 1967 - Jun. 1968	1968
19690086421	Propulsion system flow stability program /Dynamic/. Part 1, phase 1 - Summary Final technical report, 20 Jun. 1967 - 30 Sep. 1968	1968
19690086422	Propulsion system flow stability program /Dynamic/. Part 18, phase 1 - Propulsion system simulation program for an advanced tactical fighter Final technical report, 20 Jun. 1967 - 30 Sep. 1968	1968
19690086451	Delta Qualification Test Report for LSC 310-403 Propellant Valves	1968
19690086485	Advanced value technology Monthly progress report, 1 Jul. - 1 Aug. 1968	1968
19690086486	DC power supply part no. 11-00741 supplemental test report	1968
19690086489	Evaluation of resistor, variable, conductive plastic, precision, S/A part number 22400/p/	1968
19690086497	Systems Engineering Division technical summary report for period of October 1967 through March 1968	1968
19690086501	Chronic implantation of small polyethylene cannulas in right ventricle and aorta of rats and monkeys permitting long-term cardiovascular studies during weightlessness	1968
19690086502	The development of structural adhesive systems suitable for use with liquid oxygen Quarterly progress report, 1 May - 31 Jul. 1968	1968
19690086503	Preliminary observations of the night sky in the far infrared	1968
19690086504	Investigation of the formation and behavior of clogging material in earth and space storable propellants Monthly progress report, 9 Jun. - 9 Jul. 1968	1968
19690086505	Reflectometer experiment Monthly report	1968
19690086508	Construction and testing of triggered gap switches	1968
19690086512	Control rotation	1968
19690086513	Evaluation of Electro Material Corporation ceramic dielectric capacitor vendor P/N EL series	1968
19690086517	The evaluation of Armstrong no. 2755 cork in a rain erosion environment	1968
19690086519	Electronic control assembly	1968
19690086524	Model C-5A - Metallurgical investigation cracked T1-3AL-2 1/2V tubing test specimens	1968
19690086525	Globe gearhead dc motor	1968
19690086526	Effect of copper plating on delayed brittle failure of AISI 4340 alloy steel heat treated to 260-280 KSI	1968
19690086532	Capacitor, reconstituted rolled mica	1968
19690086535	Antelope reliability verification test procedure for BuWeps part number 2360611, connector	1968
19690086539	Failure analysis of two Teledyne Precision, Inc., 421-3051 relays	1968
19690086541	Distortion control qualification test program of clad 0.17 inch 2014-T62	1968
19690086547	Satellites and vehicles assembled in space	1968
19690086550	Evaluation test report, fast blow fuses	1968
19690086558	The Mobilities of Mass-Identified Positive H3+ Ions and H+ Ions in Hydrogen	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086563	Hydrogen safety Progress report, 1 Jul. - 30 Sep. 1968	1968
19690086565	Ion molecule reactions in a 50 megacycle discharge	1968
19690086569	Measurement of transition probabilities for selective elements in the lanthanide group Quarterly report, 1 Oct. - 31 Dec. 1968	1968
19690086570	Experimental and theoretical study of ionospheric electron content and upper atmosphere ionic processes by means of satellite radio transmissions Semiannual report, 1 May - 31 Oct. 1968	1968
19690086572	Interdisciplinary studies of the effects of the space environment on biological systems Final semiannual status report	1968
19690086574	Latitude survey and White Mountain neutron multiplicity monitor operations Final report, 25 Sep. 1967 - 25 Sep. 1968	1968
19690086577	ASEE-NASA summer institute - 1968, Stanford-Ames program /research type/ final report	1968
19690086578	Multidisciplinary research in the space sciences and technology Semiannual report, 15 Sep. 1967 - 14 Mar. 1968	1968
19690086581	Computer programming for an experimental chemical information and data system Status report no. 5, Jan. 1967 - Jan. 1968	1968
19690086589	Ionospheric investigations with in situ probes Semiannual status report, 1 May 1967 - 30 Apr. 1968	1968
19690086590	Progress report	1968
19690086591	Development of experimental and statistical methods for obtaining and interpreting micrometeorite data from space vehicles Semiannual status report, 1 Feb. - 31 Jul. 1968	1968
19690086592	Examination of lunar scientific objectives and evaluation and developmental studies for possible active seismic experiments during post-Apollo period Semiannual status report, 1 Jan. - 31 Jul. 1968	1968
19690086593	Multidisciplinary research in the space related physical, engineering, social, and life sciences Semiannual progress report, 1 Dec. 1967 - 31 May 1968	1968
19690086596	Reactor, power	1968
19690086602	Prediction of polystyrene melt tensile behaviour	1968
19690086603	SERL Technical Journal, volume 18, no. 2	1968
19690086604	A broad-band parametric amplifier	1968
19690086605	Intrinsic and extrinsic edge luminescence in epitaxial GaP	1968
19690086606	The firing of getters in opaque vacuum tubes	1968
19690086607	The pulling of gallium phosphide crystals using the liquid encapsulation technique	1968
19690086608	Hyper-abrupt junctions in Au-Si Schottky diodes by ion implantation	1968
19690086609	Rectifier, silicon, glass package, reliability evaluation - GE IN5060 and IN5061	1968
19690086610	Radiative and convective heat transfer from single and multisection extended surfaces	1968
19690086615	Investigation of superconducting interactions Quarterly report, 23 Jun. - 1 Oct. 1968	1968
19690086619	Infrared study of extended astronomical sources Final report, 1 Mar. 1967 - 30 Mar. 1968	1968
19690086622	Quarterly status report for period ending July 1968	1968
19690086639	Qualification test and integrated subsystems test of an Apollo block ECS radiator system, LTV. Inc.	1968
19690086641	Component acceptance test report	1968
19690086646	Theoretical investigations in atmospheric physics Progress report, 1 May - 31 Oct. 1968	1968
19690086647	Fuel cell reliability assessment Quarterly progress report, 8 Apr. - 8 Jul. 1968	1968
19690086651	Numerical analysis of shells. Volume 1 - Unsymmetric analysis of orthotropic reinforced shells of revolution	1968
19690086653	Relay	1968
19690086655	Numerical analysis of shells. Volume 2 - User's manual for "STARS 2" - Shell Theory Automated for Rotational Structures-2 digital computer program	1968
19690086657	Meteorological experiments for manned earth- orbiting missions volume 1 Final report	1968
19690086658	Investigation of methods for transpiration cooling liquid rocket chambers Monthly status report, 9 Oct. - 9 Nov. 1968	1968
19690086659	Molecular beam surface interaction Quarterly progress reports, 25 Jan. - 25 Jul. 1968	1968
19690086660	On vacuum UV study of solids Status report no. 12, 1 May - 31 Oct. 1968	1968
19690086664	Semiconductor device - Diode, voltage- variable capacitor	1968
19690086666	Component part evaluation report on resistor, fixed, wirewound, power, molded or dipped, 2-.0 watts	1968
19690086668	Effects of ETO and heat sterilization on thermal materials	1968
19690086669	Transistor, power, n-p-n	1968
19690086670	Capacitor, fixed, mica dielectric	1968
19690086672	Altitude and temperature test, GE 69F series	1968
19690086673	Repeat cycle timer qualification test	1968
19690086674	Specification confirmation on resistor, variable wirewound NOC multi-turn linear, .5-1 watt	1968
19690086679	Pyrolyzer - Hydrogen flame ionization detector, organic analyzer study Monthly progress report, 1-31 Oct. 1968	1968
19690086681	Investigation of methods for transpiration cooling liquid rocket chambers Monthly status report	1968
19690086682	Space storable regenerative cooling investigation Monthly progress report, 1-30 Sep. 1968	1968
19690086686	Development of technique for electro-plating silver on 17-4 PH steel Final report	1968
19690086687	Control optimization, stabilization and computer algorithms for space application Status report no. 5, 1 Mar. - 31 Aug. 1968	1968
19690086688	Qualification test of helium heater ignition system igniter - DAC SCN 1B59986-505	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086689	An example of dielectrophoretic bulk instability	1968
19690086693	Dimensionless magnitudes in the marginal areas of aerodynamics	1968
19690086694	Failure analysis of one infrared light emitting diode manufactured by General Electric	1968
19690086695	Evaluation of self-locking screws	1968
19690086707	Research program to extend cascade data to liquids at higher inlet angles Monthly progress report, 31 Aug. - 30 Sep. 1968	1968
19690086708	The characteristics and standard variability of composite solid propellant tensile properties Monthly progress report	1968
19690086709	Flox/methane pump-fed engine study Quarterly progress report	1968
19690086710	Fluorine hydrogen performance evaluation for the period ending 26 September 1968 Quarterly progress report	1968
19690086725	Comparison of power peened specimens with air blast shot peened specimens	1968
19690086726	Cryogenic alloy screening Monthly progress report, 28 Sep. - 27 Oct. 1968	1968
19690086729	Evaluation tests of capacitor. Litton P/N 860679-1, rev. N/C	1968
19690086730	Reliability of non-maintained and maintained systems with redundancy and switching	1968
19690086731	Quality assurance of numerically controlled manufacturing	1968
19690086739	FSA AFT field joint test	1968
19690086740	Material-Hexcel products flexible 5052 core - Elastic modulus properties for design reference	1968
19690086754	Diode evaluation /fairchild ITT/	1968
19690086759	Study and development of a fluid-controlled solid rocket motor for space application Monthly status report, 1 Sep. - 30 Sep. 1968	1968
19690086764	Infrared filter wedge spectrometer instrument for Nimbus "D" satellite, Quarterly report, 1 Jul. - 1 Oct. 1968	1968
19690086765	Bremsstrahlung radiation from relativistic plasmas	1968
19690086766	Design Analysis of a Low Boom Domestic Supersonic Transport, Phase 2, Volume 2	1968
19690086770	Research and advanced development. Volume 2 - Supporting research and technology of the Office of Advanced Research and Technology of National Aeronautics and Space Administration Semiannual review, 1 Jan. - 30 Jun. 1968	1968
19690086771	Advanced valve technology Monthly progress report	1968
19690086772	A study to analyze the permeation of high density gases and propellant vapors through single layer Teflon or Teflon structure materials and laminations Quarterly progress report, 19 Jul. - 19 Oct. 1968	1968
19690086773	Mason's law - Flow graph analysis	1968
19690086774	Vibration test, 60G, of UA710's in two different packages	1968
19690086775	Terminal descent navigation for a planetary lander	1968
19690086777	Engineering evaluation test procedure for BuWeps part number 2760010-1, H. V. rectifier bridge, 3KV	1968
19690086780	Semiannual report, 1 January - 30 June 1968	1968
19690086791	Three/fourth inch pressure operated valve, qualification test - DAC SCN /A66600-523-AK	1968
19690086794	Model CF-535R	1968
19690086795	Radio Astronomy Explorer satellite antenna aspect system Final report	1968
19690086797	Compatibility of payload with the small scientific satellite /S3/. A study of the feasibility of a small satellite Interim report	1968
19690086798	Dynamics of the human body in free fall Semiannual report, period ending Sep. 30, 1968	1968
19690086799	Basic engineering studies of techniques for acceleration of a particle to hypervelocity by an electrically heated propellant plasma Semiannual status report, Mar. 1 - Sep. 1, 1968	1968
19690086800	Arizona-NASA Atlas of infrared solar spectrum Preliminary report	1968
19690086803	Failure analysis studies and mechanisms associated with electronic packaging	1968
19690086805	Study of growth in recent and fossil invertebrate exoskeletons and its relationship to tidal cycles in the earth-moon system Semiannual report, 1 Apr. - 30 Sep. 1968	1968
19690086806	Program for advanced study in public science policy and administration Semiannual report, 1 Feb. - 31 Jul. 1968	1968
19690086807	The mechanics of fracture in viscoelastic media Progress report, period ending 31 Oct. 1968	1968
19690086808	Guidance methods for low-thrust space vehicles Progress report, 1 Feb. - 31 Jul. 1968	1968
19690086810	Extravehicular Maneuvering Unit Applications Feasibility Study Results Interim Report	1968
19690086811	A study to determine coolants with selective filtering capabilities for ruby laser applications Final technical report	1968
19690086813	Evaluation of capacitor, fixed film metalized Gudeman Co. P/N F410 bxxx-10	1968
19690086815	The thermal evaluation of fluid silicone resin mixed with boron nitride powder	1968
19690086817	Evaluation tests on connectors, electrical, polar shell, mfrs. type ME43P-4, ME43R-4	1968
19690086819	Apollo spacecraft parts and materials program master file report. Volume 1 - Parts	1968
19690086823	Evaluation of Texas Instrument diodes, type 1N3886	1968
19690086825	Qualification report for transistor pep BuWeps DWG 2459411	1968
19690086826	Qualification report for transistor per BuWeps drawing 2576943	1968
19690086827	Control system optimization for Saturn 5 launch vehicles using gradient techniques Final report	1968
19690086831	Molecular beam engineering at intermediate energies	1968
19690086833	Applications of probabilistic concepts to stress-strength analysis	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086842	Construction and Use of Double Wedge Apparatus for Measuring Doppler Shifts	1968
19690086846	Resistor, fixed, non-inductive	1968
19690086850	Chemical milling	1968
19690086852	Dynamic testing of composite materials	1968
19690086858	Summary of results for RFI measurements	1968
19690086863	Evaluation of strengths of RL07 resistor substrates	1968
19690086865	Qualification and evaluation of Bourns microminiature potentiometers, type 326 OH	1968
19690086870	Reaction jet and engine on-off control	1968
19690086882	The germ content of the atmosphere	1968
19690086883	Reliability tests on resistors, fixed wirewound	1968
19690086884	Evaluation of tempo instrument solid state time delay relay no. 92721 to S/A spec. 176006P2	1968
19690086886	Diode, silicon, diode - Failure analysis report	1968
19690086888	Component part evaluation report on transformer, power, isolation, enclosed, 4.00 cps	1968
19690086891	Connector, electrical, plug-filter pin contacts	1968
19690086893	Transistor, silicon, n-p-n, low noise small signal	1968
19690086894	Waveguide termination	1968
19690086895	Minuteman soldering techniques	1968
19690086896	Evaluation of locking screws	1968
19690086898	Managers manual for the application of microelectronic redundancy Progress report	1968
19690086900	LEM docking N2 pressurization control system	1968
19690086902	Electronic display assembly	1968
19690086907	Fixed film resistor, RN60E, manufactured by IRC	1968
19690086908	Counter, mechanical, resettable	1968
19690086909	Capacitors, solid tantalum, epoxy sealed, comparative evaluation	1968
19690086910	Circulator L band coaxial isolator	1968
19690086911	Capacitor, fixed, ceramic dielectric	1968
19690086913	Transistor - n-p-n, high voltage, power	1968
19690086915	Structural design of installations on the moon	1968
19690086919	Pershing evaluation test report for silicon controlled rectifier type SW3042 transistor	1968
19690086920	Introduction to data systems	1968
19690086921	Motor, miniature, permanent magnet, 1-30 V direct current, globe type 29A	1968
19690086923	Evaluation tests on connectors, electrical, circular, miniature, mfrs. type no. VP4/4CE15 and VR4/4AB18	1968
19690086924	Antelope reliability verification test for BuWeps part number 2360682-1, reactor, electrical	1968
19690086926	Status of failure analysis of semiconductors from Polaris system Quarterly report, period ending 1 Jan. 1968	1968
19690086927	A finite-difference method for the calculation of incompressible turbulent boundary layers in two dimensions	1968
19690086936	Component part evaluation report on transformer, power, general purpose, enclosed, 400 CPS	1968
19690086938	Technical study report. Phase 1. Saturn 5 common ordnance. Shelf life extension program	1968
19690086940	Failure analysis of semiconductors from SSB N 617 surveillance program	1968
19690086943	Antelope reliability verification test procedure, BUWEPS part no. 2360586-1, diode, tunnel	1968
19690086944	Semiconductor device, diode silicon, temperature variable AIL part no. 335172-3C Test report	1968
19690086946	Coaxial connector and cable data, GP-415, May 1, 1968	1968
19690086947	Semiconductor device, diode - High voltage	1968
19690086948	Projection lamp evaluation	1968
19690086951	Failure analysis of 2N1518 transistors manufactured by Electronic Transistor Corporation	1968
19690086952	Antelope reliability verification test for BuWeps part number 2360624-1, pulse, transformer	1968
19690086954	Transistors, silicon, plastic encapsulated National Semiconductor Corp. 2N4288 reliability evaluation	1968
19690086955	Component test report for flat pack power switching transistors	1968
19690086956	Microminiature pinlite lamp L15-45	1968
19690086969	Salt spray of illuminated switches	1968
19690086972	Observational evidence for the existence of dense clouds of interstellar molecular hydrogen	1968
19690086974	Two-stage automatic radar detection Research report, Jan. 1965 - Aug. 1967	1968
19690086979	Effect of anodizing on the notched fatigue strength of 7075-T651 plate	1968
19690086986	Component test report, semiconductor device, diode	1968
19690086988	Test of the extended cathode channel electron multiplier	1968
19690086989	Qualification test of 10-ampere, DPDT, general purpose relay DAC SCN 1B66900-501	1968
19690086995	Qualification report for relay, armature, power, 2 PDT per BuWeps drawing 1820894	1968
19690086999	Potentiometer, /Servo/	1968
19690087005	Qualification testing of a transistor for the wooden round missile Final report	1968
19690087007	Shutoff valve, LO2 chilldown system, formal qualification test procedure DAC SCN LA49965-521 and 525	1968
19690087010	Reactor, saturable, dual	1968
19690087011	Operational amplifier Evaluation test report	1968
19690087012	Capacitors, electrolytic, tantalum, axial lead, Components, Inc.	1968
19690087013	C-3 engineering evaluation test procedure for BuWeps P/N 2360614-4, relay, armature	1968
19690087015	Conformal coating study	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087016	Valve, oxidizer tank vent and relief, MDC SCN 1A48312-505, repeat qualification test	1968
19690087020	20-KHZ filters /Bulova/	1968
19690087021	Report on radiation test series no. 14 at the Martin Company	1968
19690087023	Evaluation of flat ribbon type cables for the wooden round missiles	1968
19690087024	An introductory appraisal of the suitability of beta 3 titanium for air foil manufacturing using the pinch and roll method	1968
19690087026	Qualification test on fixed capacitors	1968
19690087030	A theorem concerning electrically anisotropic spaces and its applications to electrical prospecting in direct current	1968
19690087031	Transformer, power	1968
19690087032	Evaluation of type 951 microelectronic circuit, monostable multivibrator, mfg. by ITT, Raytheon, and Motorola S/A 310037P1, P2 Component test report	1968
19690087033	Batteries, 1.5 volt, carbon zinc, D cells. Electrolyte leakage and load life tests. Eveready 950 and D99 and Ray-o-vac 5D	1968
19690087035	Parachute Subsystem Performance NVR-6064 Flight Test No. 99-2	1968
19690087043	Transformer, power	1968
19690087047	Report of test on 08-00084-000 power transformer	1968
19690087049	Qualification test report on transistors	1968
19690087051	Diode, SCR	1968
19690087055	Evaluation of /NOMEX/ high temperature polyamide electrical insulating paper	1968
19690087057	Evaluation tests on capacitors, electrolytic, tantalum solid	1968
19690087058	Reactor, power	1968
19690087059	Antelope reliability verification test procedure for BuWeps part number 2360622-4	1968
19690087060	Parachute Subsystem Forward Heat Shield Jettison and Droque Mortar Reaction Load Test	1968
19690087061	Elevated temperature properties of phenolic laminates	1968
19690087062	Transformers, pulse, NOC, unenclosed, DC	1968
19690087063	Failure analysis of fixed capacitors in the ROR klystron overload circuit	1968
19690087065	Protection of materials	1968
19690087066	Coils, inductance, fixed, 30-300 MHz, .25-.50 watt, 240-1000 volts ferromagnetic encapsulated	1968
19690087067	Evaluation tests on capacitors, electrolytic. Tantalum solid	1968
19690087068	Component parts	1968
19690087071	Antelope reliability verification test procedure for P/N 2360614-1, relay, armature	1968
19690087075	Five-year life test program on charged capacitors	1968
19690087076	Tresco, Inc., transformers, audio frequency, gating Article inspection test report no. 1	1968
19690087077	Evaluation test for jack tip, AUGAT P/N LSG-2DG7-7	1968
19690087078	Evaluation of nameplates produced by the metalphoto coloring process	1968
19690087079	Antelope reliability verification test procedure for P/N 2360614-1, relay, armature	1968
19690087080	Aerospace ground equipment. LS modified tube fitting, hydrostatic test report	1968
19690087082	Delay line /E SC/	1968
19690087083	Role of contractors' parts specifications in high reliability programs	1968
19690087084	The effect of a 10 day humidity test	1968
19690087085	Evaluation of type SN-5430 microelectric circuit, single 8-input positive nand gate /S/A 310027P4/	1968
19690087087	The effect of a 10 day humidity test	1968
19690087088	Qualification testing of a transistor for the wooden round missile	1968
19690087089	Failure analysis of Colvin laboratories pressure transducers for erratic readout	1968
19690087091	Evaluation of type 5400 microelectronic circuit, quadruple 2-input positive nand gate, MFG., by T. I. /S/A 310027+p1/	1968
19690087094	Evaluation of type 5440 microelectronic circuit, dual 4-input positive nand gate, MFG., by T. I. /S/A 310025P1/	1968
19690087096	Valve, relief, fuel tank, MDC SCN 1A49591- 531, reliability verification test	1968
19690087097	Rectifier - Silicon - Plastic package - Reliability evaluation T. I.	1968
19690087098	Antelope reliability verification test procedure for P/N 2360614-1 relay, armature	1968
19690087100	Honeywell model 333, digital voltmeter evaluation	1968
19690087102	Waskawa, P. C. motor	1968
19690087104	Evaluation test report for dual transistor TI type SS1173	1968
19690087105	Evaluation test plan and analysis of evaluation test PDF	1968
19690087142	AEA Quarterly Review 12 February 1968 /U/	1968
19690087146	C-3 engineering evaluation test procedure for BuWeps P/N 2360614-4, relay, armature	1968
19690087151	Qualification test report on Calmec Manufacturing Corporation pressure switch, P/N 893	1968
19690087153	Evaluation tests on miniature indicator mfr's type no. 120-07	1968
19690087155	Microcircuit, hybrid	1968
19690087157	A generalized radar-return computational technique	1968
19690087159	Helium injection check valve	1968
19690087160	Connectors /Elco/	1968
19690087161	Qualification on the Gudeman Company inductor	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087162	Evaluation of National Semiconductor Corp. Lm201 monolithic operational amplifier	1968
19690087164	Research in coronal and chromospheric physics Semiannual report, 1 Apr. - 30 Sep. 1968	1968
19690087165	Investigations and analysis of secondary motions in axial inducers Semiannual progress report, 31 Mar. - 30 Sep. 1968	1968
19690087166	Investigation of airglow excitation mechanisms using atomic beam techniques Semiannual progress report, 1 May - 31 Oct. 1968	1968
19690087167	Fiber reinforced metals and alloys Bimonthly report, 1 Sep. - 31 Oct. 1968	1968
19690087168	Development of a system for biaxial prestressing brittle material, volume 3 Quarterly progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19690087174	Digital programs for establishing steady-state space-radiator performance when cooling gases and vapors	1968
19690087175	Determination of guidelines for finite element structural analysis Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968
19690087178	Military Medical Journal, no. 4, 1967	1968
19690087179	The methods of inducing illusions of spatial attitude in pilots flying training planes	1968
19690087180	Some pathophysiological-mechanisms of lessened resistance to flights and tests in the barometric chamber	1968
19690087183	Antelope reliability verification test procedure for BuWeps part number 2360597-2	1968
19690087184	Comparison of parameters of 2N915 transistor chips with two different chip geometries	1968
19690087190	Atlas "E" series fly-out launcher study	1968
19690087194	Valve, pneumatic, 6000 psi, shutoff, globe, manual	1968
19690087195	National Military Command System Information Processing System /NIPS/, 360 for matted filed system. Volume 3 - File maintenance, user's manual	1968
19690087196	Evaluation test of operational amplifier	1968
19690087198	A study to determine the feasibility of a component radiation test facility	1968
19690087199	Size 10 control motor	1968
19690087200	Coordinated aerospace supplier evaluation	1968
19690087201	Chemical milling maskant system materials - Test for leachable chlorides	1968
19690087202	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 1-28 Sep. 1968	1968
19690087203	NASA space cell test program Monthly progress report, 30 Apr. 1968	1968
19690087204	Failure analysis of Marotta solenoid valve, P/N 75M14551-2, for leakage	1968
19690087205	Failure analysis of Marotta solenoid valve for failure to give correct position indication	1968
19690087207	Test engineering technical report, blind fastener function	1968
19690087208	C-3 engineering evaluation test procedure for BuWeps P/N 2360614-4, relay, armature	1968
19690087210	Five percent zener diode, 7.50 volt, 3/4 watt	1968
19690087211	Zener diode, 7.50 volt, 3/4 watt	1968
19690087212	Evaluation of type 5474 microelectronic circuit, Mfg. by T. I., Sprague, and Signetics S/A Spec. 310039P2	1968
19690087214	C-3 engineering evaluation test procedure for BuWeps P/N 2360614-4, relay, armature	1968
19690087215	Qualification test on timing module, solid state, 2 DDT relay output per Army Ordnance drawing 10231797	1968
19690087216	Qualification test on timing module, solid state, 2 DDT relay output per Army Ordnance drawing 10231797	1968
19690087217	The activation energy of photogenic reactions accompanying the thermolysis of nitrides	1968
19690087221	Application information on the 441-0326 tantalum etched foil capacitor for the WS-133B standard parts manual	1968
19690087228	Coating film processes on zinc anodes in caustic soda solution	1968
19690087232	Liquid spring 50-hour corrosive atmosphere, external hydropressure, lateral shock, and casualty temperature condition testing	1968
19690087236	Transistor - silicon, n-p-n, UHF - Qualification test report	1968
19690087238	Qualification test - Socket /bell mouth/ welded joint in -6, -8, -10, -12, -16, and -20 sizes of AM350 CRT 900 hydraulic tubing	1968
19690087239	Space storable engine characterization Monthly progress report, 1-31 Oct. 1968	1968
19690087240	Preparation of fluoroelastomers for use with cryogenic storable propellants Quarterly report, 1 Aug. - 31 Oct. 1968	1968
19690087242	The vacuum deposition and properties of metallic thin films for microelectronic networks	1968
19690087243	Development and demonstration of criteria for liquid fluorine feed system components Monthly progress report, 1 Oct. - 1 Nov. 1968	1968
19690087244	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 28 Sep. - 25 Oct. 1968	1968
19690087253	Life test - Fairchild LPDTL - Flip flop 9040	1968
19690087254	Qualification testing of a dual transistor for use in the wooden round missile	1968
19690087255	NLS X-3 digital voltmeter evaluation	1968
19690087256	Mean value considerations for reliability and quality control estimating	1968
19690087259	Propulsion system thermal design study Monthly progress report, 10 Sep. - 10 Oct. 1968	1968
19690087260	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Aug. - 22 Sep. 1968	1968
19690087261	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids Monthly progress letter report, Sep. 1968	1968
19690087262	Microelectronics encapsulation methods	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087263	Statistical prediction of turbulence- penetration performance based on aircraft characteristics and control philosophy Bimonthly progress report, 1 Sep. - 31 Oct. 1968	1968
19690087265	Antelope reliability verification test procedure for BuWeps part number 2360586-1	1968
19690087268	Photochromic materials research for optical display Progress report, 1 Aug. - 31 Oct. 1968	1968
19690087269	Project Versatile Information Processor /VIP/ Quarterly report, 1 May - 1 Aug. 1968	1968
19690087273	Malfunction investigation, relay, ohmite P/N DOSHPX-51 and DOHPX-16T /3 reports/	1968
19690087275	Hybrid pressurization system Quarterly progress report, Jul. - Sep. 1968	1968
19690087277	Study of advanced bladder technology Quarterly progress report, 1 Jul. - 27 Sep. 1968	1968
19690087284	Pershing evaluation test report for connector, plug, electrical. Army P/N10630060-63, Burndy Corporation P/N BT06-11441/Z/	1968
19690087285	Qualification testing of the TRW-PD 9929 and the TRW-PSM 4014 high conductance switching diodes	1968
19690087292	Development of liquid oxygen compatible adhesive system Monthly progress report, Oct. 1968	1968
19690087293	High resolution studies of celestial X-ray sources from sounding rocket Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690087296	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen Quarterly report, 19 Aug. - 19 Nov. 1968	1968
19690087299	Coatings for advanced thrust chambers Monthly report, 1-30 Sep. 1968	1968
19690087300	Techniques for fabricating rocket engine components containing intricate flow channels Monthly progress report, oct. 1968	1968
19690087301	Aerobee flight test Progress report, 1 Sep. - 31 Oct. 1968	1968
19690087302	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive welding process Monthly report, 1-31 Oct. 1968	1968
19690087303	Propulsive re-entry aerodynamics - Rocket plume in counterflow Monthly status	1968
19690087304	Hydrogen-fluorine engine evaluation Monthly status report, Oct. 1968	1968
19690087305	Analysis of folding strains on composite bladder structures Quarterly progress report, 31 Aug. - 31 Oct. 1968	1968
19690087306	Military Medical Journal, no. 6, 1967	1968
19690087307	The importance of indicators of the condition of the cardiovascular system in evaluating the physical development of servicemen	1968
19690087308	Changes resulting from flying in the endurance of different groups of muscles of crew members of the military transport for aviation	1968
19690087309	Correlative analysis of pneumotometric data with functional anthropometric indices and results of determining physical fitness	1968
19690087310	Some problems of human water metabolism under tropical-zone oceanic conditions	1968
19690087311	Utilization of a model experiment on a pilot training plane in medical certification of aviators	1968
19690087312	Oxygen saturation of blood in man at high altitudes while breathing under extra pressure	1968
19690087313	Basic physiologo-hygienic problems in the conquest of the continental shelf	1968
19690087314	A critical review of experimental accomplishments in the field of filament reinforced metal matrix composites Bimonthly progress report	1968
19690087315	Project Versatile Information Processor /VIP/ Quarterly report, 1 Feb. - 1 May 1968	1968
19690087318	Quantitative interpretation of differential thermal analysis	1968
19690087327	Monthly progress report, 1-30 June 1968	1968
19690087330	Evaluation of the grid bumper Monthly progress report, 1-30 Sep. 1968	1968
19690087331	Study of inducer load and stress Monthly progress report, 1-31 Oct. 1968	1968
19690087332	Research investigation of the decomposition of composite solid propellants Monthly status report, 6 Oct. - 5 Nov. 1968	1968
19690087333	Space storable regenerative cooling investigation Monthly progress report, 1-31 Oct. 1968	1968
19690087334	Space storable thruster investigation Monthly progress report, 1-30 Sep. 1968	1968
19690087335	Transistor, silicon, n-p-n	1968
19690087336	Qualification report for transistor, dual, n-p-n, silicon, per BuWeps drawing 2459392	1968
19690087338	Evaluation of type SN5420 microelectronic circuit, dual 4 input positive nand gate	1968
19690087344	Integrated logic element	1968
19690087346	P. C. board measling and peel strength	1968
19690087347	G-3 engineering evaluation test procedure for part number 2760001, captive screw	1968
19690087352	Shadow shield development Monthly progress report, 1 Sep. - 1 Oct. 1968	1968
19690087353	Rocket engine ablative material phenomena Monthly progress report, 1 Oct. - 31 Oct. 1968	1968
19690087354	Research leading to the development of an atomic hydrogen maser for space vehicle application Monthly progress report, Sep. 1968	1968
19690087356	Studies of thermal transpiration effects in long tubes Progress report	1968
19690087357	Investigation of advanced thrust chamber designs Monthly progress report, 6 Oct. - 6 Nov. 1968	1968
19690087358	Protective coatings for refractory metals in rocket engines Quarterly report, 13 Jul. - 13 Oct. 1968	1968
19690087359	Investigation of thrusters for cryogenic reaction control systems	1968
19690087361	Rectifier - Silicon - Glass package - Reliability evaluation Sylvania IN4384 and IN4385	1968
19690087362	Qualification test on dipped varistors	1968
19690087363	Environmental and reliability report of capacitor evaluation tests	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087365	A study of hydrogen embrittlement of various alloys Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19690087366	Research in electrohydrodynamics Quarterly report, 1 Aug. - 31 Oct. 1968	1968
19690087368	A survey of the electrohydrodynamics of liquid crystals	1968
19690087369	A self-starting induction machine	1968
19690087370	Video techniques in the feedback control of an electromechanical continuum	1968
19690087371	Grumman vehicle electronic design engineering manual, wire and cable section	1968
19690087372	Properties of powdered titanium alloys Monthly progress report, 4 Nov. - 1 Dec. 1968	1968
19690087373	Theoretical and experimental investigations of collective microwave phenomena in solids Semiannual status report, 1 Apr. - 30 Sep. 1968	1968
19690087376	Advanced valve technology Monthly progress report, 1 Jul. - 1 Oct. 1968	1968
19690087377	Combustion and Combustion Instability Monthly Progress Letter Report, Aug. 1968	1968
19690087378	Hybrid pressurization system Monthly progress report, Oct. 1968	1968
19690087379	Development of liquid oxygen compatible adhesive system Monthly progress report, 1-30 Sep. 1968	1968
19690087380	Space storable regenerative cooling investigations Monthly progress report, Sep. 1968	1968
19690087381	Propulsion system thermal design study	1968
19690087382	Development of a filament-overwrapped cryoformed metal pressure vessel Monthly progress report	1968
19690087383	A numerical study of the vortex rate-sensor Semiannual progress report	1968
19690087385	Development and qualification of the MSFC collar swage connector Technical progress report, Oct. 1968	1968
19690087386	Investigation of a tandem row high head pump inducer Progress report, 1-31 Aug. 1968	1968
19690087387	Study of abundance analysis of stars in the spectral range B5 through G2 Progress report, 1 Jun. - 30 Nov. 1968	1968
19690087388	Investigation of the effect of turbulence on flying qualities Quarterly progress report, 1 Sep. - 30 Nov. 1968	1968
19690087389	The adsorption of gases on stainless steel in the pressure range 10 to the minus 10 power and 10 to the minus 3 power torr	1968
19690087393	Life test OAO Chatham thermostat and failure analysis laboratory report	1968
19690087395	Component evaluation	1968
19690087396	Advanced valve technology Quarterly progress report	1968
19690087397	Progress report, 25 September - 25 November 1968	1968
19690087398	Fixed film resistors, MIS60D, manufactured by Corning Glass Works	1968
19690087401	Nonlinear response of elastic shells Status report, 1 Feb. - 31 Jul. 1968	1968
19690087404	Progress at Jicamarca Radar Observatory Letter report, 1 Jul. - 30 Sep. 1968	1968
19690087420	Consolidated instrumentation plan for AS-503 /Apollo 8/	1968
19690087421	Image dissector camera system Final report, 17 Jun. 1967 - 15 Aug. 1968	1968
19690087422	Metallic positive expulsion diaphragm Monthly progress for Sep. 1968	1968
19690087423	High temperature strain gage Monthly progress report, 1-30 Nov. 1968	1968
19690087425	Weld underbead removal from a 34 inch diameter aluminum tank by EDM	1968
19690087426	Propellant selection for unmanned spacecraft propulsion systems Second monthly status letter, 6 Oct. - 5 Nov. 1968	1968
19690087427	Shock wave and boundary layer formation on a flat plate in rarefied hypersonic flow Monthly progress report, 26 Oct. - 26 Nov. 1968	1968
19690087428	Study and development of a fluid-controlled solid rocket motor for space application Monthly status report, 1-30 Nov. 1968	1968
19690087429	Investigation of deep flaws in thin wall tanks Monthly progress report, 1-30 Sep. 1968	1968
19690087430	Desaturation of the ATM's control system by gravity gradient torques	1968
19690087431	Design of a real-time programmable digital filter	1968
19690087432	A study of hydrogen embrittlement of various alloys Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19690087434	Visualization of the torque caused by the gravity gradient acting on a space vehicle of arbitrary moment of inertia distribution	1968
19690087435	Study of step recovery diode frequency multiplier characteristics Final report supplement	1968
19690087436	Qualification tests for relays	1968
19690087437	Evaluation of the preliminary specification, power, switching, transistor	1968
19690087438	Failure of Deutsch RTK series contacts /TRW no. PT2-90/2/	1968
19690087439	Qualification tests of Gulf Research and Development Company formula NO. LS-1671, grade 1100 aviation engine oil Final formal report, 27 May - 19 Sep. 1968	1968
19690087440	Reliability analysis of the metallized Mylar and Mylar foil dielectric capacitors	1968
19690087441	Space tool development - Volume 1 - State-of-the-art survey	1968
19690087442	High pressure arc radiation in air	1968
19690087444	Cryogenic gas storage system Monthly progress report, Oct. 1968	1968
19690087445	FLOX/diborane vacuum ignition studies Monthly status report, 22 Aug. - 18 Sep. 1968	1968
19690087447	Studies on the conditions of time, temperature, and sterilant concentration most suitable for inactivation of bacterial spores for each organic resin evaluated Monthly status report, 1-31 Oct. 1968	1968
19690087450	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Sep. - 22 Oct. 1968	1968
19690087451	Development of a protective coating system for regeneratively cooled thrust chambers Monthly progress report, 1-31 Oct. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087453	Reinforced oxide throat insert development Monthly progress report, 1-30 Sep. 1968	1968
19690087455	Cryogenic tank support evaluation Monthly progress report, 31 Aug. - 30 Sep. 1968	1968
19690087456	Kinetic flow performance in nozzles Monthly progress report, 1-31 Oct. 1968	1968
19690087457	The mechanics of fracture in viscoelastic media Monthly progress report, 16 Aug. - 30 Sep. 1968	1968
19690087459	Study of the decay and recovery of orbiting artificial space objects Semiannual progress report, 1 Jun. - 30 Nov. 1968	1968
19690087463	Studies on the comparative sterilizing efficiency of the organic resins Monthly status report, 1-30 Nov. 1968	1968
19690087464	Saturn 5 launch vehicle flight dynamics analysis, As-503	1968
19690087465	Boron-epoxy rudder program Interim report	1968
19690087466	ATS meteorological experiment Final report, 13 Apr. 1966 - 30 Aug. 1968	1968
19690087467	The characteristics and standard variability of composite solid propellant tensile properties Monthly progress report, Oct. 1968	1968
19690087469	Fluorine-hydrogen Performance Investigation Program Monthly Progress Report, 27 Sep. - 26 Oct. 1968	1968
19690087470	Development of an effective reliable lift-off seal for use in advanced turbomachinery Progress report, Jun. - Nov. 1968	1968
19690087471	Stability of solutions to partial differential equations Semiannual status report, May 1 - Oct. 31, 1968	1968
19690087475	Study of Structural Behavior of Thin Films	1968
19690087476	Investigation of a Tandem row high head pump inducer Progress report, 1-30 Sep. 1968	1968
19690087477	Military medical journal, number 8, 1967	1968
19690087478	Equipping the SBK-48M system for recording basic physiological parameters	1968
19690087479	Speed of processing information as an indicator of the fatigue of analyzer systems during flight	1968
19690087480	Cryogenic high modulus composites Monthly progress report, 1-30 Sep. 1968	1968
19690087481	Control moment gyro actuators in a space station application	1968
19690087483	Application of optimal control theory to the design of an autopilot for reduction of acceleration inputs to an aircraft in turbulent air Progress report, 1 Feb. - 31 May, 1968	1968
19690087484	Correlation between solid propellant mechanical properties and explosion effects Progress report, 1-31 Aug. 1968	1968
19690087485	Space storable thruster development Monthly progress report, 1-31 Oct. 1968	1968
19690087486	Independent Tracking Coordination Program Quarterly Report, 1 Jul. - 30 Sep. 1968	1968
19690087487	Investigation of the formation and behavior of clogging material in earth and space storable propellants Monthly progress report, 9 Jul. - 9 Aug. 1968	1968
19690087488	Refined methods of aeroelastic analysis and optimization Semiannual progress report, period ending 1 Sep. 1968	1968
19690087489	Applications Technology Satellite gravity gradient stabilization system Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968
19690087490	Thermodynamic effects on desinent cavitation on hemispherical nosed bodies in water at temperatures from 80 deg F to 260 deg F Interim progress report, 1 Jan. - 31 May 1968	1968
19690087491	Physiological correlates of optimal performance Semiannual status report, 28 Dec. 1967 - 30 Apr. 1968	1968
19690087492	An experiment to measure the gamma ray flux of various celestial point sources from high altitude balloons Semiannual progress report, 1 Jun. - 30 Nov. 1968	1968
19690087494	Analysis of folding strains on composite bladder structures Progress report	1968
19690087495	Biweekly flight test summary, model RA-5C airplanes, period ending 31 August 1968	1968
19690087496	Resolver /Gimbal angle transmitter/ Army no. 11244656	1968
19690087497	Radio propagation study Semiannual progress report, 1 Jun. - 30 Nov. 1968	1968
19690087498	Study and development of a fluid-controlled solid rocket motor for space application Monthly status report, 1-31 Oct. 1968	1968
19690087499	Generation of optimum trajectory and performance data for Mars and Venus Orbiter missions Bimonthly progress report, 1 Sep. - 31 Oct. 1968	1968
19690087500	Cryogenic alloy screening Monthly progress report, 28 Aug. - 27 Sep. 1968	1968
19690087504	Resolver /Gimbal angle transmitter/ Army no. 11244657 - Qualification test report	1968
19690087505	Investigation of corrosion - Its causes and prevention on parts for GML LAU-7/A	1968
19690087506	Antelope reliability verification test procedure for part number 2360836, capacitor, fixed metalized polycarbonate film	1968
19690087507	Failure mode analysis of semiconductors on printed wiring boards	1968
19690087508	Quality verification test report for ferrite isolator	1968
19690087510	Qualification tests of BuWeps 2650326 resistors	1968
19690087511	Synchros, control resolver, special nonbuord 1-30 volts, 400 cps size 8 resolver	1968
19690087513	Qualification testing of a field effect transistor for the wooden round missile	1968
19690087514	Capacitor screening report	1968
19690087515	Qualification of solenoid	1968
19690087517	Evaluation of Lenox-Fugle's shielded R.F. inductors vs. an alternate source for SCD111-009	1968
19690087518	One fourth inch pneumatic check valve, qualification test DAC SCN 1B67598-501	1968
19690087519	Saturn S-2 components, LH2 and LO2 feed and vent lines	1968
19690087520	Cartridge, pressure type 2, pilot and forward heat shield mortar	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087521	Thermal panel performance	1968
19690087528	Manufacturing process development for Inco 741 blades and fabricated vanes, 1967	1968
19690087529	Quality assurance in management information systems	1968
19690087531	Space cell test program Progress report	1968
19690087532	Reinforced oxide throat insert development Monthly progress report, 1-30 Nov. 1968	1968
19690087533	Thermal analysis - Apollo earth landing system block 2 - Increased capability program	1968
19690087534	Qualification tests of magnetic particle brakes	1968
19690087535	LOX NPV control valve, formal qualification test DAC SCN 1B69030-1	1968
19690087538	Qualification testing of radio frequency triaxial connectors LS41139-001 and LS41139-002	1968
19690087539	Report of test on relay assemblies, PN FC-215-372	1968
19690087540	Potentiometer qualification	1968
19690087541	Evaluation of transistors MEM-511, M511 and 2N4353	1968
19690087542	Evaluation test of transistor type 2N3739	1968
19690087544	Reliability verification test procedure for BuWeps part number 2360605, transistor, high speed switching, p-n-p	1968
19690087545	Corrosion of metals by dry film lubricants	1968
19690087546	Failure analysis of semiconductors from Polaris system	1968
19690087547	Connector life evaluation	1968
19690087548	Properties of powdered titanium alloys Monthly progress report, 30 Sep. - 3 Nov. 1968	1968
19690087549	High temperature strain gage Monthly progress report, 1-31 Oct. 1968	1968
19690087550	System analysis of gelled space storable propellants Monthly progress report, 4 Sep. - 3 Oct. 1968	1968
19690087551	Advanced pyrolytic spacecraft thrust chamber materials Monthly progress letter report, 23 Oct. - 22 Nov. 1968	1968
19690087552	Spacecraft cell testing program Monthly status report	1968
19690087553	Reliability verification test procedure on BuWeps P/N 2360591-2, transistor, field effect	1968
19690087554	Rector, power	1968
19690087556	Protective coating system for regeneratively cooled thrust chamber Monthly progress report, 1-31 Oct. 1968	1968
19690087557	Research in photochemistry and enzymology of photosynthesis Quarterly status report, 5 Sep. - 5 Dec. 1968	1968
19690087560	Investigation of extendable nozzle concepts Monthly progress letter report, 3 Oct. - 2 Nov. 1968	1968
19690087561	Inducer dynamics - Full-flow, full-admission hydraulic turbine Monthly report	1968
19690087562	Development of a rocket-borne cryogenic air sampler and its application to upper atmosphere aerosol and trace gas research Quarterly status report, period ending 15 Dec. 1968	1968
19690087565	Minimum pressure loss in high velocity flow duct systems Monthly progress report	1968
19690087566	Stress corrosion of metal tanks Monthly progress report, 15 Nov. - 15 Dec. 1968	1968
19690087569	Optimization of duct assemblies for vibration Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19690087576	Investigation of advanced thrust chamber designs Monthly progress report, 6 Nov. - 6 Dec. 1968	1968
19690087577	Inducer dynamics partial-flow turbine drive Monthly progress report, period ending 30 Sep. 1968	1968
19690087578	Development of a protective coating system for regeneratively cooled thrust chambers Monthly progress report, 1-30 Sep. 1968	1968
19690087582	Development and qualification of the MSFC collar swage connector Technical progress report, Jun. 1968	1968
19690087583	Investigation of methods for transpiration cooling liquid rocket chambers Quarterly progress report, 9 Jul. - 9 Oct. 1968	1968
19690087584	Study of dual channel spectroradiometer systems Monthly progress report, period ending 31 Oct. 1968	1968
19690087585	Spacecraft rocket engine chamber insulation materials Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690087586	Model RA-5C airplanes Biweekly flight test summary, period ending 17 Aug. 1968	1968
19690087587	Model RA-5C airplanes Biweekly flight test summary, period ending 3 Aug. 1968	1968
19690087588	Flaw definition through nondestructive testing Monthly progress report, 1-31 Oct. 1968	1968
19690087589	Basic investigation using a 2 Mv Van de Graaff accelerator Semiannual report, 1 Jun. - 30 Nov. 1968	1968
19690087590	Quadrupole mass spectrometer Quarterly progress report, 7 Aug. - 6 Nov. 1968	1968
19690087591	Cryogenic gas storage system Monthly progress report, Sep. 1968	1968
19690087596	Study of advanced bladder technology Monthly progress report	1968
19690087597	Space storable thruster investigation Monthly progress report, 1 Sep. - 29 Sep. 1968	1968
19690087599	Kinetic flow performance in nozzles Monthly progress report, 1-30 Nov. 1968	1968
19690087600	Biweekly flight test summary, model RA-5C airplanes, period ending 26 May 1968	1968
19690087601	Research investigation of the decomposition of composite solid propellants Quarterly status letter no. 7, 6 Jul. - 5 Oct. 1968	1968
19690087602	Influence of metabolic accumulation of products of hydrogenomonas cells on their continued growth Progress report, 1 May - 31 Oct. 1968	1968
19690087603	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 29 Sep. - 2 Nov. 1968	1968
19690087604	Study of dynamic and static seals for liquid rocket engines Quarterly report, 1 Jul. - 29 Sep. 1968	1968
19690087605	Calibration system for ion-electron scintillation detectors Final report, 5 Jan. - 5 Sep. 1968	1968
19690087606	Lunar libration point flight dynamics study Midterm report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087607	Propellant selection for unmanned spacecraft propulsion systems, phase 2 Monthly status letter, 6 Sep. - 5 Oct. 1968	1968
19690087608	Study of inducer load and stress Monthly progress report, 1 Sep. - 30 Sep. 1968	1968
19690087609	Techniques for fabricating rocket engine components containing intricate flow channels Monthly progress report, Sep. 1968	1968
19690087610	Cryogenic positive expulsion diaphragm Monthly progress report, 1-31 Oct. 1968	1968
19690087611	Capacitors, fixed, electrolytic, tantalum sintered-anode type 109D167Z9050W2	1968
19690087613	Biweekly flight test summary, model RA-5C airplanes, period ending 8 June 1968	1968
19690087617	Cross coupling of the cross-product steering law for three double-gimbaled control moment gyros	1968
19690087619	Steady-state interaction between radiation and matter in stellar atmospheres Progress report, 1 Jul. - 31 Dec. 1968	1968
19690087620	NASA general purpose structural analysis program /NASTRAN/ Quarterly reports, 1 Apr. - 1 Oct. 1968	1968
19690087621	Nimbus-D solar-conversion power supply subsystem Quarterly technical report, 15 Jun. - 15 Sep. 1968	1968
19690087622	Theoretical investigation of the moon and planets Semiannual report, 1 Jul. - 31 Dec. 1968	1968
19690087624	Development of a technique for sampling the boundary flow gases in rocket motors Progress report, 7 Oct. - 10 Oct. 1968	1968
19690087626	Development and experimental investigation of bellows concepts for cryogenic seal application Monthly report, 1-30 Nov. 1968	1968
19690087627	Dynamics of mechanical systems coupled to energy sources Semiannual progress report, 1 Jul. - 30 Nov. 1968	1968
19690087628	Relay industry savings resulting from polarized crystal relay header standardization	1968
19690087629	Thermodynamic improvements in liquid hydrogen turbopumps Monthly status report, period ending 16 Oct. 1968	1968
19690087630	A technique for restoring signal detail	1968
19690087631	Qualification testing of a transistor for the wooden round missile Final report	1968
19690087632	Evaluation of printed circuit board edge connectors for ILLIAC IV application	1968
19690087633	Mathematical optimization techniques for aerospace applications Semiannual status report, 1 Jun. - 30 Nov. 1968	1968
19690087634	Evaluation tests on relay mfrs. type no. CRG1190 R1	1968
19690087635	Radiation effects on semiconductor devices	1968
19690087636	Evaluation tests on solenoids mfrs. type no. ME	1968
19690087637	Kinetic flow performance in nozzles Monthly progress report, 1-31 Dec. 1968	1968
19690087639	Research and advanced technological development activities, volume 4 Quarterly progress report, period ending 30 Sep. 1968	1968
19690087641	Investigation of the problems of lunar and planetary exploration Annual report, 1 Dec. 1967 - 30 Nov. 1968	1968
19690087644	Space storable thruster investigation Monthly progress report, 28 Oct. - 30 Nov. 1968	1968
19690087645	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 26 Oct. - 22 Nov. 1968	1968
19690087646	Flaw definition through nondestructive testing Monthly progress report, 1-30 Nov. 1968	1968
19690087648	Effects of exposure of electronic assemblies to ethylene oxide and heat sterilization	1968
19690087649	Summary of component test results, 1966	1968
19690087651	Fuel tank vent and relief valve, design development test, MDC SCN 1A48257-511	1968
19690087652	Electronic components research Semiannual review, 1 Jan. - 30 Jun. 1968	1968
19690087657	X-ray detection of disordered orthopyroxenes in meteorites Semiannual report, 1 Jun. - 30 Nov. 1968	1968
19690087658	Physiological correlates of optimal performance Semiannual status report, 1 May - 30 Nov. 1968	1968
19690087661	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 31 Oct. - 30 Nov. 1968	1968
19690087662	Research and advanced technological development activities, volume 2 Quarterly progress report	1968
19690087663	Research and advanced technological development activities, volume 3 Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690087664	Research and advanced technological development activities, volume 1 Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690087666	Microbiological performance testing on the water management sub-system for a four-man space capsule Semiannual status report, 1 Jun. - 30 Nov. 1968	1968
19690087669	Research and advanced technological development activities, Volume 5 Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19690087677	Qualification report on pressure sensitive plastic tape	1968
19690087678	Vendor evaluation test UA709 microcircuit amplifier	1968
19690087681	Pair microcircuits, power burn-in test	1968
19690087684	Evaluation tests on resistors, fixed, wirewound, mfr's type no. 1-3/4-A-12-75	1968
19690087688	Development and experimental investigation of bellows concepts for cryogenic seal application Monthly report, 1-31 Oct. 1968	1968
19690087689	Cryogenic positive expulsion diaphragm Monthly progress report, 1-30 Sep. 1968	1968
19690087690	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the electroforming process Monthly progress report, 30 Sep. - 1 Nov. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087691	Propulsive re-entry aerodynamics - Rocket plume in counterflow Monthly status report, 1-31 Oct. 1968	1968
19690087692	Cryogenic metallic positive expulsion bellows testing Monthly technical progress report, Oct. 1968	1968
19690087693	Composite overwrapped metallic tanks Monthly progress report, 26 Sep. - 25 Oct. 1968	1968
19690087696	Development of a film data readout system Final report	1968
19690087698	Development and experimental investigation of bellows concepts for cryogenic seal application Monthly report, 26 Aug - 30 Sep. 1968	1968
19690087699	The burning rate of aluminum and magnesium wire in pure oxygen and oxygen-water vapor atmospheres at higher pressures	1968
19690087712	Inducer dynamics partial-flow turbine drive Monthly progress report, period ending 31 Oct. 1968	1968
19690087713	XB-70 test flight routes Bimonthly progress report	1968
19690087714	Improved Delta Pioneer-D covariance matrix for block 3 Memorandum report, 22 Nov. - 22 Dec. 1968	1968
19690087715	Performance analysis of composite propulsion systems Quarterly status report, 25 Jun. - 24 Sep. 1968	1968
19690087716	A study to analyze the permeation of high density gases and propellant vapors through single layer Teflon or Teflon structure materials and laminations Monthly progress report, 19 Aug. - 19 Sep. 1968	1968
19690087717	Advanced pyrolytic spacecraft thrust chamber materials Monthly progress letter report, 23 Aug. - 22 Sep. 1968	1968
19690087718	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 30 Sep. - 31 Oct. 1968	1968
19690087719	Analytical study of catalytic reactors for hydrazine decomposition Quarterly progress report, 15 Jul. - 14 Oct. 1968	1968
19690087720	Planning research in the area of launch vehicle and propulsion programs Progress report, 1-30 Sep. 1968	1968
19690087721	Time division multiple access, phase 3 Final report	1968
19690087723	Space storable propellant performance program Monthly progress report, Sep. 1968	1968
19690087724	Space storable thruster investigation Monthly progress report, 30 Sep. - 27 Oct. 1968	1968
19690087725	Navy Integrated Command/Management Information System-I /NAICOM/MIS-I/, volume 1	1968
19690087726	An efficient information system in the field of standardization	1968
19690087727	Qualification test for relays - Relay, 1-5 AMP, enclosed, 1-3 Vdc, resonant reed, POST /NO/	1968
19690087728	Encapsulants Final report	1968
19690087732	Component test report on filter, electrical, 3-30 KC, low pass, fixed	1968
19690087733	Summary of component tests results 1967	1968
19690087734	Status report on projects dealing with advanced electron device technology	1968
19690087739	Qualification report for transistor per BuWeps drawing 2459395 Final report	1968
19690087742	Explosive destructor vehicleborne	1968
19690087745	Investigations of turbulent boundary layers with wall curvature Status report 1 Apr. - 30 Sep. 1968	1968
19690087746	A study of hydrogen slush and/or hydrogen gel utilization Quarterly progress report	1968
19690087747	Protective coating system for regeneratively cooled thrust chamber Monthly progress report, 1-30 Sep. 1968	1968
19690087749	The investigation of the dynamic characteristics of a V antenna for the RAE satellite - Internal generalized forces for the large rotation deformations of long rods, phase D Final report, 2 Feb. 1967 - 30 May 1968	1968
19690087760	Relating high rate test data and time/temperature superposition	1968
19690087761	Fluorine lubricated bearing technology Monthly report for period ending 30 Sep. 1968	1968
19690087762	Evaluation tests on latching relay /MFRS/ type number 3SAM1459A	1968
19690087763	Trajectory program analysis Bimonthly progress reports, 1 Jul. - 31 Aug. 1968	1968
19690087764	Cryogenic high modulus composites Monthly progress report, 1-31 Aug. 1968	1968
19690087766	Electronic components testing in a nuclear environment test 3, transducers II	1968
19690087767	Oxidizer, NPV control valve, design development test. MDC SCN 1B69030	1968
19690087768	Outer fecal emesis bags, Lundy part no. 60-0071-001 Final test report	1968
19690087770	Advanced engine aerospike experimental program Monthly status report, Sep. 1968	1968
19690087771	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids Monthly progress letter report, Oct. 1968	1968
19690087772	A correlation of optical, radio, and interplanetary records of solar events Quarterly progress report, 17 Jul. - 18 Oct. 1968	1968
19690087773	Electroformed injector fabrication techniques Monthly progress report, 30 Sep. - 31 Oct. 1968	1968
19690087774	Properties of powdered titanium alloys Monthly progress report, 2-29 Sep. 1968	1968
19690087775	Evaluation of protective coatings for rocket engines Monthly report, 1-30 Sep. 1968	1968
19690087776	Protective coatings for refractory metals in rocket engines Monthly letter report, 13 Aug. - 13 Sep. 1968	1968
19690087777	Development of filament-overwrapped cryoformed metal pressure vessel Monthly progress report, Sep. 1968	1968
19690087785	Cryogenic tank support evaluation Monthly progress report, 30 Sep. - 31 Oct. 1968	1968
19690087786	Face seal static leakage investigation Monthly progress report, 30 Sep. 1968	1968
19690087787	Acoustic liners for large engines Monthly status report, Sep. 1968	1968
19690087788	Development and qualification of the MSFC collar swage connector Technical progress report, Sep. 1968	1968
19690087792	Investigation of instabilities of atmospheric flow systems associated with clear air turbulence Quarterly progress report, 16 Aug. - 15 Nov. 1968	1968
19690087815	Analytical study of non-continuum flow processes in nozzles Monthly status letter no. 6, 1-31 Aug. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690087816	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Sep. - 18 Oct. 1968	1968
19690087817	High temperature strain gage Monthly progress report, 1-30 Sep. 1968	1968
19690087818	Model RA-5C airplanes Biweekly flight test summary, period ending 22 Jun. 1968	1968
19690087819	Model RA-5C airplanes Biweekly flight test summary, period ending 20 Jul. 1968	1968
19690087820	Model RA-5C airplanes Biweekly flight test summary, period ending 7 Jul. 1968	1968
19690087821	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids Monthly progress letter report, Nov. 1968	1968
19690087823	Miniaturized Time Code Generator Mid-Term Progress Report, Sep. 1968	1968
19690087824	Explosive driver experiments Progress report, 25 Jul. - 25 Sep. 1968	1968
19690087825	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy Semiannual progress report, 1 Apr. - 30 Sep. 1968	1968
19690087826	Performance analysis of composite propulsion systems Monthly status letter, 25 Sep. - 24 Oct. 1968	1968
19690087827	National Military Command System, information processing system, 360 formatted file system /NIPS 360 FFS/. User's manual. Volume 1 - Introduction to file concepts, computer system manual	1968
19690087828	Management information system concept design and development plan for the 4444th Reconnaissance Technical Group /RTG/ Final report, 5 Feb. - 5 Jul. 1968	1968
19690087829	Semiconductor device, diode silicon, temperature variable AIL part no. 335178-6C	1968
19690087831	A study of operating systems for data management Final report, Jun. - Aug. 1968	1968
19690087832	Acceptance test of flat package DTL integrated circuits, AIL part no. 332508-1 - Signetics type SE156J supplied by Signetics	1968
19690087833	General evaluation of 16 relays type 3 SBC 6007K1 manufactured by General Electric	1968
19690087860	National Military Command System, information processing system, 360 formatted file system /NIPS 360 FFS/. User's manual. Volume 7 - Remote device, computer system manual	1968
19690087861	Optical or graphic information processing /information sciences series/, volume 2	1968
19690087862	A central technical information handling system	1968
19690087864	Effect of baffles on combustion instability Monthly progress report, Sep. 1968	1968
19690087865	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive welding process Monthly report, 1-30 Sep. 1968	1968
19690087866	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the electroforming process Monthly progress report, 1-31 Aug. 1968	1968
19690087869	Flaw definition through nondestructive testing Monthly progress report, 1-30 Sep. 1968	1968
19690087888	FLOX/diborane vacuum ignition studies Monthly status report, 19 Sep. - 15 Oct. 1968	1968
19690087889	Studies of the penetration of high-energy radiation through matter Quarterly status report, 1 Oct. - 31 Dec. 1968	1968
19690087913	A study of hydrogen slush and/or hydrogen gel utilization Quarterly progress report	1968
19690087915	A force balance system for the measurement of skin friction drag force in the presence of large vibrations and temperatures Semiannual status report	1968
19690087921	Thermodynamic improvements in LH2 turbopumps Quarterly progress report for period ending 16 November 1968	1968
19690087922	Investigation of advanced thrust chamber designs Monthly progress report, 6 Sep. - 6 Oct. 1968	1968
19690087929	Liquid hydrogen mixer unit Monthly progress report, 1-30 Sep. 1968	1968
19690087930	Magnetic tape link optimization study Final report	1968
19690087959	Calibration curves flight 1 vehicle Nimbus A	1968
19690087963	Integrated Manned Interplanetary Spacecraft Concept Definition /IMISCD/ Final oral report	1968
19690087966	An illustration of a Leibnizian inquirer	1968
19690088022	Experimental and theoretical studies in planetary aeronomy Quarterly progress report, 1 Oct. - 31 Dec. 1965	1968
19690088040	The attenuation of radiant energy in hot seeded hydrogen - An experimental study related to the gaseous core nuclear rocket Quarterly status report, 1 Sep. - 30 Nov. 1968	1968
19690088041	Mechanisms of control of cerebral circulation Progress report, 1 Jan. - 31 Dec. 1968	1968
19690088052	The geochemistry of trace elements in meteorites and related materials Semiannual report, 1 Apr. - 31 Aug. 1968	1968
19690088090	RCS oxidizer - Vapor and titanium compatibility test for Gemini B Final report	1968
19690088094	Photometry and polarimetry of minor planets Semiannual progress report, period ending 30 Sep. 1968	1968
19690088143	Aging of biological systems in space missions Semiannual status report, 1 Jul. - 31 Dec. 1968	1968
19690088155	Pershing evaluation test report - Device, semiconductor General Electric Company, Army part no. MIS 17185/1-1	1968
19690088159	Evaluation of carbon dioxide sorption techniques for hydrospace applications /U/	1968
19690088167	Experimental formulation of liquid B compounds /U/	1968
19690088176	Propellant shut-off valve, pn 5670024	1968
19690088218	Qualification of a zener diode for the wooden round missile Final report	1968
19690088219	Evaluation of stripline resistor	1968
19690088243	Reaction jet and engine on-off control	1968
19690088244	C3 nose cap broach test, internal pressure	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088245	Qualification of power failure warning indicator	1968
19690088246	System analysis of gelled space-storable propellants Monthly progress report, 4 Aug. - 3 Sep. 1968	1968
19690088249	Qualification report for connector, receptacle, electrical, coaxial, per BuWeps drawing 2239101	1968
19690088262	Evaluation test on wire harness assembly manufactured by Aerospace Systems, BNC P/N 1890969-1 and 1890970-1	1968
19690088263	Evaluation test report for dual transistor type SD-804, Motorola	1968
19690088271	Cloud-top Altitude Radiometer /CAR/ Progress report, 1-30 Apr. 1968	1968
19690088294	Qualification tests of positive lock receptacles and studs	1968
19690088295	Semiconductor device transistor, dual	1968
19690088296	Acceptance test of flat package DTL integrated circuits AIL part number 332507.1 /Signetics types SE 106J/ Supplied by Signetics	1968
19690088297	Evaluation report, Deutsch/filters relay type T26	1968
19690088298	Evaluation test for switch, pressure, Custom Components Switches, Inc.	1968
19690088300	Development program for boron leading edge slat for C-5A aircraft Quarterly progress report, 15 May - 15 Aug. 1968	1968
19690088325	Reliability engineering guide	1968
19690088326	Evaluation test for tip jack. Cambridge thermionics P/N ES-4952-1	1968
19690088327	Evaluation test report for oscillator, radio frequency	1968
19690088328	Qualification report for discriminator, electrical frequency per BuWeps DWG 2457235	1968
19690088331	Qualification of a transistor for the wooden round missile Final report	1968
19690088370	Qualification testing of transistor type WF capacitors	1968
19690088391	Steam duct pressure transducer ECS item 8.17	1968
19690088493	Instruction manual for the AVCS/HRIR non CDA equipment and additional CDA equipment	1968
19690088516	DOD-CODSIA advisory committee for management systems control. Volume 3 - Implementation plan Final report	1968
19690088517	DOD-CODSIA advisory committee for management systems control. Volume 1 - Summary	1968
19690088518	DOD-CODSIA advisory committee for management systems control. Volume 2 - Control system Final report	1968
19690088519	DOD-CODSIA advisory committee for management systems control. Appendix F - Systems engineering/design criteria need/use analysis report Final report	1968
19690088521	Infrared interferometer spectrometer /IRIS/ instrument for Nimbus D spacecraft Quarterly report, 15 Sep. - 15 Dec. 1968	1968
19690088522	DOD-CODSIA advisory committee for management systems control. Appendix E - Work breakdown structure need/use analysis report Final report	1968
19690088527	Operation and instruction manual for AVCS Bimat processor	1968
19690088528	Operating instructions for low-temperature blackbody radiators /vacuum-type/	1968
19690088549	DOD-CODSIA advisory committee for management systems control. Appendix A - Data management analysis report Final report	1968
19690088566	Qualification test report - Composition variable resistor	1968
19690088567	Inertial damped motor	1968
19690088568	Test procedure for relay, DPDT part number MR-1347/24 V	1968
19690088569	Evaluation of type 1 N4152 diodes	1968
19690088571	Report of test on capacitors for Raytheon Co., Submarine Signal Div., Newport, Rhode Island	1968
19690088573	Qualification testing of dual transistors	1968
19690088581	GEOS B intermediate arc calibration Quarterly report, 29 Jun. - 1 Nov. 1968	1968
19690088583	Evaluation test report for RCL Electronics, Inc. Resistor	1968
19690088591	Detailed test objectives for long tank Delta launch vehicle, spacecraft - TOS-E	1968
19690088593	Development of beryllium honeycomb sandwich composite for structural and other related applications Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968
19690088600	Development of beryllium honeycomb sandwich composite for structural and other related applications Annual progress report, 1 Jul. 1967 - 30 Jun. 1968	1968
19690088601	Resistors, metal film, precision, 0.6 and 0.8 watt, 10 Meg, 1 percent Caddock Electronics Inc., type MG660 and MG680 temperature coefficient and current noise evaluation	1968
19690088613	Nose fairing external pressure test	1968
19690088614	Qualification report for transformer per BuWeps drawing 2457862	1968
19690088615	Qualification report for transistor per BuWeps drawing 2459393	1968
19690088616	Qualification report for semiconductor device, diode per BuWeps drawing 2235247	1968
19690088620	Instruction manual for UHF transmitter type 25A2	1968
19690088628	James, Pond and Clark, Inc., relief valve, part number D559T1-12D-4	1968
19690088633	AVCS real time transmission study Final report	1968
19690088646	Apollo spacecraft program Quarterly status report	1968
19690088647	Nimbus B Medium Resolution Infrared Radiometer /MRIR/ decommutation program test and integration mag tape generator	1968
19690088652	Rocket instrumentation improvements Progress report, 1 Jan. - 31 Mar. 1968	1968
19690088657	Turbulent jet studies using the laser-Doppler velocity instrument	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088659	DOD-CODSIA advisory committee for management systems control. Volume 4 - Summary and integration of need/use analysis reports Final report	1968
19690088660	Image dissector camera subsystem, associated ground support equipment, and integration support for applications technology satellite Quarterly report, 17 Nov. 1967 - 17 Feb. 1968	1968
19690088663	Component part evaluation report	1968
19690088664	Effects of soldering and temperature coefficient	1968
19690088665	Component part evaluation report	1968
19690088670	Photocell calibration program Final report	1968
19690088671	Mechanical fastening technique development for application in space, phase 1	1968
19690088672	Saturn 1B/5 launch vehicle digital computer and data adapter prototype program, addendum Final report, Jun. 1966 - Dec. 1967	1968
19690088674	Manned Space Flight Report Actions Taken as a Result of the AS-204 Accident	1968
19690088675	Training needs in planetary quarantine	1968
19690088676	Evaluation tests on time delay relay, type no. 1601-A-6002	1968
19690088677	A study of pion and muon transport system for a 600 MeV synchrocyclotron Semiannual status report, 1 Jun. - 1 Dec. 1968	1968
19690088686	Ionospheric data report - September 1968. Monthly data report	1968
19690088698	Reliability analysis - Bendix Utica model 19E83-2A flexible power transmission shaft	1968
19690088706	Guidance system operations plan for manned LM earth orbital missions using Program SUNDANCE 306, and Program LUMINARY 069. Section 1 - Prelaunch, revision 1	1968
19690088707	Guidance system operations plan for manned LM earth orbital and lunar missions using Program LUMINARY. Section 2 - Data links, revision 1	1968
19690088708	Study of soil bacterial ecologies in Martian environmental chamber Semiannual report, 23 May - 11 Nov. 1968	1968
19690088709	Optical measurement of multi-plume interaction Interim report	1968
19690088713	Propulsion system thermal design study Monthly progress report, 10 Oct. - 10 Nov. 1968	1968
19690088722	DOD-CODSIA advisory committee for management systems control. Appendix B - OSD source document need/use analysis report Final report	1968
19690088729	Evaluation of marking ink for electronic components Final report	1968
19690088730	Qualification report for filter, bandpass per BuWeeps drawing 1821050	1968
19690088732	Resistors, metal film, precision 0.1 watt screening test	1968
19690088733	Hydrogen and oxygen relief valve bellows ASSY P/N 5641312 and 5641310	1968
19690088734	Evaluation of Hunter-Stanley capacitors	1968
19690088740	LH2 tank shutoff pre-valve, reliability verification test MDAC SCN 1A49968-507	1968
19690088741	Cloud-Top Altitude Radiometer /CAR/ Progress Report, 1-31 Jan. 1968	1968
19690088751	Functional characteristics of non-military navigation satellite systems	1968
19690088753	Nimbus B project Final project report, Aug. 1966 - Jul. 1968	1968
19690088759	Fuel vent directional control valve, supplementary vibration test MDAC-WD SCN1 A49988-509	1968
19690088762	DOD-CODSIA advisory committee for management systems control. Appendix C - Financial and schedule need/use analysis report Final report	1968
19690088766	Evaluation of parts in transformer electronics co. Dc/dc converter for M-053	1968
19690088767	Quality evaluation report on a production sample of battery simulator DWG. 10001-877541	1968
19690088772	Anharmonic mode-mixing in ionic ferroelectrics	1968
19690088773	Failure analysis of S4855 transistor	1968
19690088774	Alternate source qualification test for JANIN3891	1968
19690088780	Characterization of propellant X-33 /U/	1968
19690088837	Fuel tank vent and relief valve, qualification test - MDAC-WD SCN 1A48257-521	1968
19690088838	Report on test on R. F. I. filter 50 Z32701	1968
19690088843	Alternate source qualification test on crystals, frequency control, quartz	1968
19690088855	Failure analysis of semiconductors from Polaris system as of 1 October 1968 Quarterly report	1968
19690088892	Cloud-top Altitude Radiometer /CAR/ Progress report, 1 May - 31 Aug. 1968	1968
19690088926	Pneumatic check valve, formal qualification test	1968
19690088932	Two-ampere, 2 PDT, general purpose relay repeat qualification test	1968
19690088933	Limited evaluation and failure analysis of DS125 resistors manufactured by Delta Semiconductors	1968
19690088945	Valve - relief and shutoff oxidizer tank vent, missileborne	1968
19690088947	Electronic control assembly	1968
19690088948	Resistors, metal film, precision 0.1 watt, screening test	1968
19690088950	A light ion mass spectrometer experiment for OGO-E Quarterly report, 1 Sep. - 31 Dec. 1968	1968
19690088965	Flight evaluation of the Nimbus 2 thermal subsystem	1968
19690088967	AS-205 facilities and environments, measurements program	1968
19690088969	Theoretical investigation of microwave frequency doubling by means of magnetic non-linearity in antiferromagnetic crystals Progress report for period ending 30 Apr. 1968	1968
19690088971	Multidisciplinary space-related research in the physical, engineering and life sciences Annual report, 1968	1968
19690088973	Valve, pneumatic, propellant control, formal qualification test. MDA SCN 1B59010-503	1968
19690088976	Fuel tank vent and relief valve, repeat qualification test. MDAC SCN 1A48257-509	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088977	Electrical evaluation of the Transformer Electronics Co. Dc/dc converter for M-053	1968
19690088978	Quality evaluation report on a production sample of enabler-finvelocity switch simulator DWG. 10001-827597	1968
19690089002	Clock receiver for the Nimbus meteorological satellite - Bench check procedures. Volume 1 - Clock receiver test procedures, final copy	1968
19690089004	A functional description of the stabilization and control subsystem for the Nimbus C satellite /control subsystem model 104/, revision 2	1968
19690089013	Elevated temperature testing of PBPS tank materials in N2O4	1968
19690089014	Qualification testing of encoders	1968
19690089038	Stress corrosion cracking of titanium alloys Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19690089121	Qualification report for connector, electrical plug, subminiature per BuWeps dwgs 2639077 and 2639060	1968
19690089123	Qualification report for transformer BuWeps drawing 2455634	1968
19690089125	Qualification report for semiconductor device, diode, regulator, silicon per BuWeps drawing 1820956	1968
19690089147	Qualification/functional test results, attitude controller timer modifications, ATHENA	1968
19690089155	Qualification report for connector, electrical, RF per BuWeps drawing 2577372	1968
19690089156	Qualification test report for filter, BuWeps drawing 2459468	1968
19690089159	Test of microsol primer and top coat	1968
19690089160	COLEX /Circ-On-Line-Experiment/ Final report, 1 Dec. 1967 - 30 Jun. 1968	1968
19690089166	Semiconductor device, diode, bridge rectifier, AIL part no. 329382-4D	1968
19690089167	Evaluation testing of quick disconnect fluid couplings, BuWeps drawing 2606524	1968
19690089168	Report on radiation test series no. 15	1968
19690089170	Qualification report for filter, bandpass, matched pair per BuWeps drawing 1821052	1968
19690089171	MICOM reliability/maintainability data central study, volume 1 Summary report, 14 Aug. - 30 Sep. 1967	1968
19690089172	MICOM reliability/maintainability data central study. Volume 2 - Specifications, procedures, and plans Summary report, 14 Aug. - 30 Sep. 1967	1968
19690089173	MICOM reliability/maintainability data central study. Volume 3 - Appendices Summary report, 14 Aug. - 30 Sep. 1967	1968
19690089174	Gimbal actuators mod 2 Apollo service module engine, volume 1, part 1	1968
19690089175	Gimbal actuators mod 2 Apollo service module engine, volume 1, part 2	1968
19690089176	Gimbal actuators mod 2 Apollo service module engine, volume 1, part 3	1968
19690089177	Qualification on the Gudeman Company transformer	1968
19690089185	Evaluation tests on transistors type 2 Ny853	1968
19690089189	Evaluation tests on rotary switches	1968
19690089191	Aerospace Sciences Review	1968
19690089192	Qualification test for JANIN1202	1968
19690089193	Qualification testing silicon rectifier 400 M/W glass ref. element type 1N821, 1N823, 1N825, 1N827	1968
19690089194	Evaluation tests on synchro control transformer, /MFR'S/ type no. 10M241	1968
19690089195	Evaluation tests on transformer, pulse, /MFR'S/ type no. LH39421	1968
19690089196	Evaluation tests on transformer, power /MFR'S/ type LH39422	1968
19690089197	Evaluation of Erie voltage multipliers. Qualification test report	1968
19690089198	Failure analysis of semiconductors from SSB/N/ surveillance program	1968
19690089211	Dual-mode roving vehicles for Apollo lunar surface exploration	1968
19690089230	Qualification and evaluation test of Bourns high resolution potentiometers, type no. 3070 , 3070 L	1968
19690089233	Test procedure for switch, push, momentary, DPDT-LIGHTED GDE control number	1968
19690089234	Project Apollo Quarterly progress report, Jul. - 1 Oct. 1968	1968
19690089242	Internal examination of fifteen National Semiconductor Corporation NS3149 integrated choppers	1968
19690089256	Evaluation of Motorola MCL 1300 and MCL 1304 field effect current limiting diodes	1968
19690089258	Transistors, silicon p-n-p JAN2N329A manufactured by Sprague Electric Co.	1968
19690089262	Control box recalibration data for marine marker pneumatic ejector model A/A47U-1.09 Final report, 28 Aug. - 31 Aug. 1968	1968
19690089263	Evaluation of Union Carbide 2N5114 field effect transistors	1968
19690089285	Wide range energy spectra of electrons in the disturbed and undisturbed ionosphere Quarterly report, 1 Mar. - 31 May 1968	1968
19690089287	Data management system DM-1 Final report	1968
19690089309	Report of test on knob, round concentric skirt, illuminated, Westinghouse 579R980	1968
19690089310	Comparison force measurement of /2/ types of wire wrap modules	1968
19690089311	Evaluation tests on transformer power MFRS type no. LH39427	1968
19690089312	Lap-joint shear strengths of Ti-1-8-5 taper-loks with modified STSAE018 collars and with SPS 70293 aluminum nuts	1968
19690089321	Qualification test of Texas Instruments SN525, general purpose differential amplifier	1968
19690089323	Re-evaluation of old stock part number CD-5213, lot number 184A	1968
19690089324	Transistors, silicon PNP, MIS14150/3 and JAN2N329A manufactured by National Semiconductor	1968
19690089328	Babcock relay	1968
19690089329	Engine pump purge module, formal qualification test. DAC SCN 1A58347-513	1968
19690089330	LH2 chilldown system shut off valves, formal qualification test, DAC SCN 1AU9965-519 and -523	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089331	Oxider tank relief valve, formal qualification test, DAC SCN 1A49590-515 AN and AK-1036	1968
19690089333	Qualification testing of AN/SPG-55B transformers	1968
19690089334	Evaluation testing of miniature nonindicating fuse, BuWeeps drawing 2621755	1968
19690089335	Study of crack initiation phenomena associated with stress corrosion of aluminum alloys Quarterly report, 26 Dec. 1967 - 25 Mar. 1968	1968
19690089337	An automatic classification system for publications, libraries and documentation	1968
19690089338	Life test of 2N3739 transistors /Special/	1968
19690089343	Evaluation of Rayclad solder pak termination	1968
19690089346	Preliminary AVCS/HRIR ground station	1968
19690089349	Experimental study of sound and vibration transmission to a shroud-enclosed spacecraft Quarterly progress report, 1 Jul. - 30 Oct. 1968	1968
19690089350	Resistor noise test	1968
19690089351	Development and implementation of a technology planning system for OART Progress report, Aug. - Oct. 1968	1968
19690089353	Quality maintenance test report on mechanical feedback servoactuator Saturn 2 engine	1968
19690089354	Propellant control pneumatic valve, formal qualification test MDAC-WD SCN 1 B59010-507 Technical report, 5 Aug. - 19 Sep. 1968	1968
19690089361	Qualification test on fusible resistors	1968
19690089376	Evaluation test report solid state time delay for APS-115	1968
19690089379	Sodium vapor experiment Final report, 25 Jun. 1964 - 1 Jun. 1968	1968
19690089380	Evaluation tests on hysteresis type no. 11M18C1	1968
19690089381	Qualification of Sprague type 131C1 R-C network	1968
19690089383	Life test on Dickson capacitors D2R7B100K to Westinghouse dwg. 579R590, item H44	1968
19690089384	Evaluation tests on capacitors, electrolytic, tantalum solid	1968
19690089385	Informal status report, October 15 - December 15, 1968	1968
19690089388	Investigation of the D and E regions of the ionosphere Quarterly report, 1 Oct. - 31 Dec. 1968	1968
19690089389	Feasibility study of the use of spent S-4B stages to obtain meteoroid penetration data in near-earth space - Briefing manual Final report, 10 Jul. - 10 Oct. 1968	1968
19690089390	Feasibility study for attaching meteoroid penetration detectors to the exterior of the S-4B propulsion stage /presentation brochure/ Final report	1968
19690089397	Unified S-band equipment	1968
19690089398	Evaluation test on relay 1-5 Amp. unenclosed 1-30 VDC power, multiple pole	1968
19690089399	Qualification of Sprague Fabmika capacitors	1968
19690089406	Computers in information sciences, volume 3	1968
19690089410	Additional evaluation tests on connectors, electrical /power banded type/ type UP221M	1968
19690089411	Design of damped vibration fixtures	1968
19690089430	Apollo fire extinguisher Final report	1968
19690089431	Filter assembly	1968
19690089436	Pouch, fecal germicide	1968
19690089437	Power supply, electrical non-rotating, 1-10kv	1968
19690089438	Type 3 interior floodlight fixture	1968
19690089439	Cutter, reefing line, mechanically initiated	1968
19690089440	Qualification of units for use on the Apollo program	1968
19690089443	Resistors, metal film, precision 0.1 watt, screening test	1968
19690089444	High density circular connector evaluation	1968
19690089447	Short circuit detection in multi layer boards	1968
19690089448	Computer aided design-preliminary work	1968
19690089449	Fire resistant tests of balsa-aluminum bondolite	1968
19690089452	Block file system study and implementation Final technical report	1968
19690089455	Evaluation of one National Semiconductor LM101 operational amplifier for small astronomy satellite	1968
19690089457	Pyrotechnic deflagration fuse /PDF/ sampling plan	1968
19690089462	Alternate source qualification test for JANIN3891	1968
19690089463	Evaluation tests on connectors, electrical /power bladed type/ type UP221M	1968
19690089474	Printed circuit board cg-800-t	1968
19690089501	The filter constant and its role in industrial filtration of viscose	1968
19690089503	Alternate source qualification for MIS14150/23	1968
19690089508	Valve, pressure regulator, gaseous oxygen type 2	1968
19690089509	Oxygen system for rapid repressurization and emergency breathing	1968
19690089510	Valve, Pressure Regulator, Gaseous Hydrogen, Type 1	1968
19690089511	Apollo block 2 increased capability earth landing system	1968
19690089512	Explosive charge NOC electrical mortar assembly forward heat shield	1968
19690089513	Filter Assembly	1968
19690089514	Titanium pretreatment study	1968
19690089515	Filter assembly	1968
19690089522	Evaluation of Republic Electronics Corporation ceramic capacitor, vendor part number 27894	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089523	Investigation of American Components resistors for 111013	1968
19690089528	Qualification test on solid tantalum capacitors	1968
19690089529	Filter, electrical, low pass, fixed	1968
19690089530	Circuit protective device, circuit breaker	1968
19690089531	Evaluation test of capacitor, fixed, ceramic, glass encapsulated	1968
19690089532	Oven, electrical component	1968
19690089533	Apollo-Saturn 5 - Launch vehicle malfunction overall test	1968
19690089534	Corona/voltage breakdown survey Final report	1968
19690089536	Evaluation of General Electric capacitors	1968
19690089537	Carleton pressure regulator life simulation	1968
19690089539	Sixty G vibration test	1968
19690089541	Subminiature RF filter	1968
19690089542	A 28 volt logic microcircuit	1968
19690089543	Rectifiers /selenium/	1968
19690089545	Overcurrent protective device settings for the 60 Hz power system, Launch Complex 39, revision 1	1968
19690089546	Apollo-Saturn 1B - Emergency egress test	1968
19690089558	Evaluation of TRW capacitor division metalized Mylar capacitors type BEP-1	1968
19690089559	Evaluation of Transistor Electronics, Inc. capacitor, tantalum foil, non-polar, part number TEF series	1968
19690089560	Evaluation test on Koldweld crystals, manufacturer's type number CR-85/U	1968
19690089562	Engineering evaluation test procedure, spacer plate nut	1968
19690089565	Performance of dual-in-line socket	1968
19690089566	High density circular connector evaluation	1968
19690089567	Evaluation of ceramic capacitor, type K12, manufactured by Kemet Company	1968
19690089568	High density circular connector evaluation	1968
19690089569	Qualification data Sperry Farragut RF shutters	1968
19690089570	The control of phosphorous content and stresses in electroless nickel deposits	1968
19690089571	Toggle switch moisture resistance test	1968
19690089572	Evaluation tests on connectors, electrical, molded body mfrs. type no. JF2S2SAB and JF2S2PAB	1968
19690089575	Qualification of Photocircuits Corporation NT-1 process printed circuit boards	1968
19690089579	The impact of electronic displays on aircraft control	1968
19690089583	Filters, electrical, low pass, fixed, qualification test	1968
19690089585	Dielectric breakdown	1968
19690089590	Filter, electrical, low pass, fixed, qualification test	1968
19690089592	Reliability tests on resistors variable wire wound	1968
19690089593	Evaluation of palladium and palladium oxide powders for use as hydrogen getters in Minuteman guidance systems	1968
19690089594	Flammability of diallyl phthalate SDG-F, type	1968
19690089596	S-parameter calculations and conversions - Transistor equivalent circuit	1968
19690089597	Qualification test of permanent magnetic dc motors gear reduced	1968
19690089606	Qualification tests of dc motor	1968
19690089607	Sixty G vibration test	1968
19690089608	Reliability verification test procedure of NAVORD P/N 2360609, connector, electrical	1968
19690089610	Evaluation of printed wiring boards Final report	1968
19690089611	Filter, electrical, low pass, fixed	1968
19690089612	Filter, electrical, low pass, fixed	1968
19690089613	Filters, electrical, low pass, fixed	1968
19690089614	Evaluation tests on transformer, pulse /Mfrs/ type no. 70845	1968
19690089615	Filters, electrical, low pass, fixed	1968
19690089616	Identification tape, printed - Qualification	1968
19690089618	Component classification data	1968
19690089629	Development of a scanning system for the Mariner spacecraft Quarterly report, May 1 - Jul. 31, 1968	1968
19690089636	A study to analyze the permeation of high density gases and propellant vapors through single layer Teflon or Teflon structure materials and laminations Quarterly progress report, 19 Apr. - 19 Jul. 1968	1968
19690089637	Study of 15.3 GHz ground receiver systems for the ATS millimeter wave propagation experiment Quarterly technical report, Dec. 1968	1968
19690089640	Study of the application of linear programming algorithms to problems in multivariate curve fitting Semiannual progress report, 1 Oct. 1967 - 31 Mar. 1968	1968
19690089644	On the dynamic response of viscous compressible fluids in rigid tubes with volume termination as a function of the Stokes number	1968
19690089645	FLOX - Diborane technology Quarterly status letter	1968
19690089662	Flight test evaluation report missile 13E	1968
19690089666	Cesium iodide beamsplitter Quarterly report, 26 Sep. - 26 Dec. 1968	1968
19690089669	Use of optical targets for geodetic orientation of C-band radar	1968
19690089671	Geodetic alignment procedures for unified S-band antenna system /preliminary analysis/	1968
19690089672	Development of a fast 10.6 micron infrared detector Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089712	Heater, electric	1968
19690089732	Handbook of range operations at the Eastern Test Range	1968
19690089736	Reliability support of large solid rocket programs, volume 3 Final report	1968
19690089749	Alternate mission modes analysis for orbiting experiment for study of extended weightlessness Final report	1968
19690089750	Fixed wirewound resistors, 10122010	1968
19690089769	Solenoid assembly	1968
19690089771	Calculation of Au-198 activity on irradiation with thermal neutrons	1968
19690089774	Reversal of motion in quantized field theories	1968
19690089781	Fixed wirewound resistors, 10122010	1968
19690089795	Thermostat, transducer, temperature, power, electrical, failure analysis report	1968
19690089797	Qualification test report for 1N2032-2	1968
19690089799	Basic research in solar physics Progress report, 1 Sep. 1967 - 31 Aug. 1968	1968
19690089804	Space systems analysis and computer programming services Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19690089807	Verification of reproducibility and reliability of vidicon faceplates Final report, 10 Jan. - 10 Nov. 1968	1968
19690089819	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 3-30 Nov. 1968	1968
19690089820	Space storable regenerative cooling investigation Monthly progress report, 1-30 Nov. 1968	1968
19690089832	Evaluation of impact characteristics of cryogenic insulation systems and evaluation of the grid-bumper Monthly progress report, 1-31 Oct. 1968	1968
19690089863	Project Versatile Information Processor /VIP/ Quarterly report, 1 Aug. - 1 Nov. 1968	1968
19690089865	Batteries, 1.5 volt, carbon zinc, D cells electrolyte leakage and load life tests Eveready 1150 and Ray-O-Vac WM30 and 2D	1968
19690089874	Imaging and sounding radiometer from geosynchronous altitude, balloon radio altimetry and the application of satellite radiation measurements to meteorological problems Quarterly report, 1 Sep. - 30 Nov. 1968	1968
19690089897	Qualification test report for 1N2032-2	1968
19690089915	Irradiation of small specimens from pressure tubing to study dimensional stability	1968
19690089916	Integrated and centralized information system of the Soviet Union	1968
19690089919	Fuel tank NPV latching relief valve, MDAC-WD SCN 1B74535-1	1968
19690089921	The acoustic wind measurement	1968
19690089938	Apollo 4 vehicle drift analysis based on telemetry and photographic data	1968
19690089942	Space storable regenerative cooling investigations Monthly progress report, Jun. 1968	1968
19690089948	Effect of microbial release probabilities on spacecraft sterilization requirements Interim report	1968
19690089949	Spatial nucleation and crystal growth Progress report, 1 Apr. - 30 Sep. 1968	1968
19690089957	Space storable engine characterization Monthly progress report, Oct. 1968	1968
19690089958	Space thermal control by use of solid/solid phase change materials Monthly progress report, 1-30 Sep. 1968	1968
19690089966	Structural response of an orbiting body with a time-dependent elastic member	1968
19690089967	Safety manual, revised	1968
19690089971	Investigation of the D and E regions of the ionosphere Progress report, 1 Nov. 1967 - 31 Aug. 1968	1968
19690089976	Development of advanced materials for integrated tank insulation system for the long term storage of cryogens in space Quarterly progress report, Jul. - Sep. 1968	1968
19690089997	Transformer, pulse	1968
19690089998	Test on ECI 808 LVV-34CR-24-G238 relay	1968
19690090010	Regulator-relief recirculation system valves	1968
19690090011	FET constant - Current diodes, final results	1968
19690090032	Problems in Predicting Hypersonic Aerodynamic Characteristics of L/D-3 Entry Vehicles /U/	1968
19690090069	Vibration test of modified VHF/AM transmitter-receiver equipment	1968
19690090075	Hydrologic evaluation of infrared imagery of Great South Bay, Hempstead Bay region of Long Island, New York /U"/	1968
19690090080	Chamber technology for space storable propellants /U"/ Monthly progress report, period ending 26 Oct. 1968	1968
19690090096	Design and performance of model 19.012 series fed stub VHF telemetry antennas for the third stage of Pioneer C/Delta	1968
19690090107	Nimbus D Temperature - Humidity Infrared Radiometer /THIR/ Quarterly report, 1 Jan. - 30 Sep. 1968	1968
19690090108	Lunar libration point flight dynamics study Final report, May - Nov. 1968	1968
19690090144	Cryogenic gas storage system Monthly progress report, Dec. 1968	1968
19690090185	Project Prospector. Volume 1 - Space truck, book 2 Preliminary report	1968
19690090187	Prediction of Apollo command-module aerodynamic characteristics Interim report	1968
19690090198	Research investigation of ion beam formation from electron-bombardment ion sources. Part 2 - Technical discussion	1968
19690090201	Project Prospector. Volume 3 - moon-earth return vehicle Preliminary report	1968
19690090205	Highly unsaturated sheet and ladder polymers with unusual electrical properties Progress report, 1 May 1968 - 1 Dec. 1968	1968
19690090217	Discharge chamber studies and oxide cathode research for mercury bombardment ion thrusters Monthly status report, Feb. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090228	Progress in the design, development, fabrication, test and delivery of a high-efficiency, light-weight, reliable power convertor for ion thrusters Monthly progress report, 1-31 Jul. 1966	1968
19690090230	Discharge chamber studies and oxide cathodes research for mercury bombardment ion thrusters Monthly status report, Mar. 1968	1968
19690090264	Discharge chamber studies and oxide cathode research for mercury bombardment ion thrusters Monthly status report, Jan. 1968	1968
19690090274	Reliability evaluation tests of Fairchild integrated microcircuits flatpacks	1968
19690090275	Mortar assembly Drogue NV, P/N R8110-3	1968
19690090277	Babcock Relay BR15-S5	1968
19690090376	Study of lithium doped solar cells Quarterly report	1968
19690090397	Ingot-sheet beryllium fabrication	1968
19690090399	Chamber Technology for Space Storable Propellants /U/ Quarterly Report for Period Ending 26 Mar. 1968	1968
19690090400	F-1 bimonthly progress report, 1 February - 31 March 1968 /U/	1968
19690090401	F-1 bimonthly progress report, 1 December 1967 - 31 January 1968 /U/	1968
19690090403	F-1 bimonthly progress report, 1 April - 31 May 1968 /U/	1968
19690090404	F-1 bimonthly progress report, 1 June - 31 July 1968 /U/	1968
19690090405	F-1 bimonthly progress report, 1 August - 30 September 1968 /U/	1968
19690090409	Chemical and structural analysis of second breakdown Quarterly report, period ending 31 Oct. 1968	1968
19690090416	Cutter, reefing line, mechanically initiated	1968
19690090419	System analysis of gelled space-storable propellants Quarterly progress report, 4 Aug. - 3 Nov. 1968	1968
19690090422	Cryogenic alloy screening Monthly progress report, 28 Oct. - 27 Nov. 1968	1968
19690090433	A study to analyze the permeation of high density gases and propellant vapors through single layer Teflon or Teflon structure materials and laminations Monthly progress report, 19 Nov. - 19 Dec. 1968	1968
19690090434	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Oct. - 22 Nov. 1968	1968
19690090436	Xenon lamp blank Test report	1968
19690090437	Bi-monthly progress report	1968
19690090438	Protective coatings for refractory metals in rocket engines Monthly letter report, 13 Oct. - 13 Nov. 1968	1968
19690090439	Fluorine lubricated bearing technology Monthly report, 1-30 Nov. 1968	1968
19690090444	Information systems data display system	1968
19690090451	Electroformed injector fabrication techniques Monthly progress report, 1-31 Dec. 1968	1968
19690090455	Properties of powdered titanium alloys Monthly progress report, 2-29 Dec. 1968	1968
19690090459	Convair research summary for 1968	1968
19690090469	Investigation of gas augmented injectors Monthly progress report for Nov. 1968	1968
19690090470	Development of a protective coating system for regeneratively cooled thrust chambers Monthly progress report, 1-30 Nov. 1968	1968
19690090471	Inducer dynamics partial-flow turbine drive Monthly progress report for Nov. 1968	1968
19690090475	Integrated circuit memory Interim report, Jan. - Sep. 1968	1968
19690090489	Screening test results, type JAN-2N2324 silicon controlled rectifiers	1968
19690090506	Quarterly letter progress report	1968
19690090507	Development of a filament-overwrapped cryoformed metal pressure vessel Monthly progress report, 1-30 Nov. 1968	1968
19690090510	Thermodynamic improvements in liquid hydrogen turbopumps	1968
19690090511	An investigation of the influence of controlled turbulence on gaseous discharges Monthly progress report, 12 Nov. - 11 Dec. 1968	1968
19690090512	OSO tape recorder tape study Final report, 20 May - 20 Dec. 1968	1968
19690090516	Modified VHF/AM transmitter-receiver equipment	1968
19690090517	Modified VHF/AM transmitter-receiver equipment	1968
19690090518	Experimental investigation of capillary propellant control devices for low gravity environments Monthly progress report for Nov. 1968	1968
19690090528	Apollo Applications Program /AAP/ Payload Integration. Design Reference Mission Document Mission AAP-1/AAP-2. Volume 1 - Mission Description	1968
19690090529	Apollo Applications Program /AAP/ payload integration. Design reference mission document mission AAP-1/AAP-2. Volume 2 - Detailed orbit trajectory	1968
19690090557	Monthly Technical Progress Report for November 1968	1968
19690090559	Space storable engine characterization Monthly progress report for Nov. 1968	1968
19690090569	Semiannual progress report for the period 1 May - 30 October 1968	1968
19690090573	Technical minutes of the eleventh meeting of the committee, 11th to 14th March 1968, Montreal, Canada	1968
19690090582	Filter, EMI	1968
19690090583	Rectifier, controlled avalanche	1968
19690090584	Diode, silicon, fast recovery	1968
19690090585	Reliability study of terminal junction modules	1968
19690090605	Capacitor, fixed, plastic-dielectric	1968
19690090606	Solenoid assembly	1968
19690090608	Three-phase power transformers	1968
19690090612	Evaluation test report, Antelope program dual, n-p-n, transistor SCD2479693	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090613	Test report of evaluation on relays, 1 to 5 amps, hermetically sealed	1968
19690090632	Reactor, filter choke, 2 section	1968
19690090638	Diode, SCR	1968
19690090639	Microcircuit, hybrid	1968
19690090641	Qualification tests on fixed resistors	1968
19690090646	Evaluation of Capco metallized polycarbonate capacitors, vendor part no. MPCHO8A1E	1968
19690090647	Evaluation of Gulton Industries, type CT-10A, ceramic dielectric capacitors	1968
19690090648	Capacitor, fixed, mica dielectric - Polyester tape-wrapped, uncased	1968
19690090649	Capacitor, fixed, mica dielectric - Plastic encased	1968
19690090650	Qualification test report on fixed capacitors	1968
19690090651	Qualification tests on varistors	1968
19690090652	Evaluation test report on shaft, shouldered, locking, supplied by Beier-Chanoux Corporation	1968
19690090655	Evaluation of San Fernando Electric Mfg., Co., type 1200 ceramic dielectric capacitors	1968
19690090656	Qualification test on diodes	1968
19690090657	Capacitor, fixed, plastic-dielectric	1968
19690090661	Solenoid assembly	1968
19690090662	Range safety command receiver	1968
19690090663	Qualification tests on varistors	1968
19690090664	Qualification of Sprague RFI filters JN17-3474A	1968
19690090667	Evaluation of GE-JAN CG 1N1186 diodes to GE drawing 7531208	1968
19690090669	Research investigation of the decomposition of composite solid propellants Monthly status report, 6 Nov. - 5 Dec. 1968	1968
19690090687	Statistical studies of micro plates /U/ Final technical report, 1 Jul. 1966 - 30 Sep. 1967	1968
19690090752	Transistor evaluation - 2N1724 per MIL-S-19500/262E - General Electric Co., Silicon Transistor Corp.	1968
19690090753	Rectifier, high voltage	1968
19690090756	Reliability overvoltage tests of Fairchild integrated operational amplifier circuits	1968
19690090759	Qualification of ITT dual input buffer /MIC 932/ per General Electric DWG 7528046	1968
19690090760	Transistor, n-p-n silicon, switching	1968
19690090762	Clock-pulse module, failure analysis report	1968
19690090778	Qualification test of flexible shaft couplings	1968
19690090779	Qualification test of transistors, silicon, dual p-n-p	1968
19690090780	Evaluation test report of multipole, double throw relay	1968
19690090792	Connector	1968
19690090793	Crystal, 21.4000 MHz	1968
19690090794	Evaluation of the effects of contact lubricant solution under high temperature ambient /100 deg C/	1968
19690090795	Transistors, silicon, plastic encapsulated /General Electric 2N5355 and 2N5356/ reliability evaluation	1968
19690090796	Qualification testing of RF interonics filter to W dwg. 579R737	1968
19690090797	Qualification test of resistor array	1968
19690090803	Linguistic information processing study and dynamic adaptive data base management study Final report, 1 May 1965 - 15 May 1967	1968
19690090805	Dc electric motor	1968
19690090807	Transistor, power	1968
19690090819	Electron tube, HV regulator	1968
19690090824	Evaluation of 539D650 capacitor /CL 21/	1968
19690090825	PV/KPT coupling nut evaluation	1968
19690090826	Germanium semiconductor junction temperatures, resulting from flow soldering operations	1968
19690090827	Crystals, 75.2230 and 75.6230 MHz	1968
19690090828	A method for computing the shortest confidence interval for any beta distribution	1968
19690090829	Semiconductor device - Diode, tunnel	1968
19690090830	Preproduction test under laboratory, simulated environmental and operating life conditions for transformer, power - Naval Air System Command, drawing 1563302.09 Final report	1968
19690090844	Explosive detonation rate investigation Final report, Apr. 1966 - Dec. 1967	1968
19690090856	Developments leading to material modifications in the Saturn 1 workshop crewbay	1968
19690090858	Advanced solid rocket motor booster system	1968
19690090866	Extra-nuclear physics Progress report	1968
19690090868	Abbreviated test language for avionics systems	1968
19690090883	Filter assembly	1968
19690090884	Evaluation of the effects of contact lubricant solution	1968
19690090885	Headbolt	1968
19690090887	Helium pressure regulator	1968
19690090900	Analytical and experimental development program for inflatable solar shields Quarterly progress report, 30 Sep. - 31 Dec. 1967	1968
19690090907	Cold helium dump module, formal qualification test MDAC-WD SCN 1B57781-507	1968
19690090908	Filter assembly	1968
19690090909	Subsonic studies of lifting entry vehicles	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090968	Capacitor, fixed, plastic-dielectric	1968
19690090987	Feasibility demonstration of W. W. Dickinson acoustic spectrometer system to monitor human heart size, shape, and position	1968
19690091006	Advanced valve technology Monthly progress report, 1 Nov. - 1 Dec. 1968	1968
19690091008	Electroformed injector fabrication techniques Quarterly progress report, 1 Sep. - 30 Nov. 1968	1968
19690091011	Ages of calcium-rich achondrites. Part 2 - Howardites, nakhlites, and angrites	1968
19690091025	Functional analysis for RS12A046 systems	1968
19690091034	Manual of Multiband Photography /Part 1/	1968
19690091035	Manual of multiband photography /part 2/	1968
19690091084	Telemetry remote modules, phase 1 Final report, 23 Aug. - 13 Dec. 1968	1968
19690091179	Despin weight release method test report. Athena H	1968
19690091186	Criteria for life support systems maintainability in a gravity-independent environment	1968
19690091203	Hypersonic multipurpose vehicle pre-test study	1968
19690091212	AC-17/ATS-D launch operations and flight plan /applications technology satellite mission D/ Revision A, section 8.17 Centaur unified test plan	1968
19690091228	Space storable engine characterization Monthly progress report, 1-30 Nov. 1968	1968
19690091231	Flox-diborane technology Informal monthly status letter, 16 Oct. - 15 Nov. 1968	1968
19690091256	Investigation of deep flaws in thin wall tanks Monthly progress report, 1-30 Nov. 1968	1968
19690091258	Advanced injectors for space storable propellants Monthly status letter	1968
19690091291	Protective coating system for regeneratively cooled thrust chamber Monthly progress report	1968
19690091309	Stability characterization of advanced injectors Monthly report, 1 Nov. - 1 Dec. 1968	1968
19690091314	Application of lifting line theory to aircraft aero-elastic loads analysis	1968
19690091320	A study to analyze the permeation of high density gases and propellant vapors through single layer Teflon or Teflon structure materials and laminations Monthly progress report, 19 Oct. - 19 Nov. 1968	1968
19690091330	Fluorine-hydrogen performance investigation program Monthly progress report, 27 Oct. - 26 Nov. 1968	1968
19690091340	Evaluation of stress-corrosion cracking susceptibility using fracture mechanics techniques Quarterly report, 1 Oct. - 31 Dec. 1968	1968
19690091341	Investigation of reactivity of launch vehicle materials with liquid oxygen Quarterly report, 23 Apr. - 22 Jul. 1968	1968
19690091356	Repetitively pulsed 2-stage plasma propulsion engine Quarterly progress report, 1 Dec. 1962 - 28 Feb. 1963	1968
19690091386	Design Study of UV Spectrometer	1968
19690091387	Study and analysis of telemetry systems for the Saturn vehicle Final report	1968
19690091389	Investigation of superconducting interactions Quarterly report, 23 Jun. - 1 Oct. 1968	1968
19690091420	Comparative analysis of "fixed N" and "fixed T" range rate measurement techniques Final report	1968
19690091476	Analytical investigation of the performance characteristics of cyclic glide undersea vehicles /U/ Final report	1968
19690091480	Static test firing report for RPL PBPS test no. 2 TU-592/02.02 gas generator /U/	1968
19690091497	Space cell test program Monthly progress report	1968
19690091515	Airborne geomagnetic survey system study, phase 1	1968
19690091530	SERJ Supercharged Ejector Ramjet engine /U/	1968
19690091568	Research and development of fluorine based oxidizers Quarterly progress report, period ending 30 Jun. 1967	1968
19690091617	Command module entry aerodynamics data accuracy analysis for Apollo mission AS-502 /Apollo 6/	1968
19690091633	Investigation of sputtering effects on the surface of the moon Quarterly status report, 2 Sep. - 2 Dec. 1967	1968
19690091656	Calculation of turbulent shear flows through closure of the Reynolds equations by invariant modeling Progress report	1968
19690091713	Solid state studies in ceramic alloys Quarterly progress report, 1 Sep. - 30 Nov. 1968	1968
19690091719	Numerical integration of second order differential equations Research report, 1961 - 1968	1968
19690091745	Improving X-UV and X-ray gratings	1968
19690091791	Technical manual - Stage systems description S-1C-3-4-5	1968
19690091798	State-of-the art and future aims of research on the strength under variable amplitude loading	1968
19690091838	Advanced engine Aerospike experimental investigation - Performance program /U/ Monthly status report, Jun. 1968	1968
19690091842	A semigraphical examination of roll-yaw interactions of air vehicles /U/	1968
19690091867	Hydrogen slush mass/density flowmeter Quarterly progress report, 16 Jan. - 15 Feb. 1968	1968
19690091944	[No Title]	1968
19690091976	Research on silicon carbide whisker-metal matrix composites Quarterly progress report, 1 Dec. 1967 - 1 Mar. 1968	1968
19690092002	Apollo-Saturn 1B Communications supplement	1968
19690092006	Safety standards, volume 2, amendment 5	1968
19690092021	Calibration of general monitors model 135 hydrogen gas detection system	1968
19690092039	Fluorine-hydrogen performance investigation program Monthly progress report, 27 Apr. - 26 May 1968	1968
19690092050	Evaluation tests of Hunter-Stanley capacitors, part numbers 3009 and 3007	1968
19690092051	Component test report for production acceptance	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092064	Facilities measurements support of spacecraft hypergolic loading	1968
19690092075	Backward peaks and Regge phenomenology	1968
19690092099	Apollo SPS engine qualification test report on gimbal actuators Mod 11A	1968
19690092100	Component test report for production acceptance	1968
19690092164	A procedure for the numerical analysis of three-dimensional potential flow fields	1968
19690092174	Component test report for production acceptance	1968
19690092176	C-5 program titanium and titanium alloys, revision 1	1968
19690092177	Development and demonstration of criteria for liquid fluorine feed system components Monthly report, 1 Dec. 1967 - 1 Jan. 1968	1968
19690092188	Space storable regenerative cooling investigation Monthly progress report, Mar. 1968	1968
19690092189	Space storable propellant performance Monthly progress report, 1-31 Dec. 1967	1968
19690092190	Space storable propellant performance Monthly progress report, 1-29 Feb. 1968	1968
19690092231	Data collection and catalogue preparation using the Friden-flexowriter-selectadata system	1968
19690092232	The propagation of structure-borne sound in buildings	1968
19690092239	Patriarch of aircraft designers	1968
19690092241	Arc welding under water	1968
19690092243	Engineering application and current capabilities of secondary batteries and fuel cells	1968
19690092267	Study of Thermo-Hydraulic Oscillations in Boiling Systems Employing Liquid Metal Working Fluids Monthly Letter Progress Report	1968
19690092289	Development of a valid stability analysis method for self-compensating thrust balance systems Monthly report, Dec. 1968	1968
19690092290	Advanced pyrolytic spacecraft thrust chamber materials Monthly progress letter report, 23 Nov. - 22 Dec. 1968	1968
19690092301	Study of separately launched multi-use space electrical power system	1968
19690092331	Effects of high and low barometric pressures on susceptibility and resistance to infection Quarterly status report, 1 Apr. - 30 Jun. 1968	1968
19690092333	Computer program for crossed-beam studies of clear air turbulence Monthly progress report, 14 May - 15 Jun. 1968	1968
19690092356	Suppression of combustion oscillations with mechanical damping devices Quarterly progress report, 27 Jun. - 30 Sep. 1968	1968
19690092361	Research study for determination of liquid surface profile in a cryogenic tank during gas injection Quarterly progress report, 18 Sep. - 18 Dec. 1968	1968
19690092373	Cesium feed systems electrical isolation Monthly progress report, Dec. 1967	1968
19690092379	Fluid dynamic aspects of cardiovascular behavior during vibration Quarterly progress report	1968
19690092388	Theoretical studies of turbulence in plasmas Semiannual status report, 1 Jun. - 30 Nov. 1968	1968
19690092392	Cesium feed system electrical isolation Monthly progress report	1968
19690092407	Analysis of an interfacial electroconvective instability	1968
19690092424	Investigation of extendable nozzle concepts Monthly progress letter, 3 Nov. - 2 Dec. 1968	1968
19690092433	Revised abort and alternate mission presettings for AS-504 D mission	1968
19690092444	Intermediate workshop study modular approach, volume 1	1968
19690092445	Intermediate workshop study modular approach, volume 2	1968
19690092472	Collection and analysis of micrometeorites Semiannual status report, 1 Jun. - 1 Dec. 1968	1968
19690092473	Bulk instability induced by intrinsic conduction	1968
19690092487	Transistor, PNP, switching	1968
19690092494	Improper operation of inertial measurement unit heaters, Apollo 4 Test and checkout anomaly report no. 2	1968
19690092505	Electrophysical correlates of vigilance and learning Final report	1968
19690092519	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the explosive welding process Monthly progress report, 1-30 Nov. 1968	1968
19690092521	Stability characterization of advanced injectors Monthly progress report, 1 Oct. - 1 Nov. 1968	1968
19690092523	Utilization of electric propulsion for interplanetary spacecraft	1968
19690092537	Simulated meteoroid impact testing on wall configurations for the NASA S-4B orbital workshop Final report	1968
19690092548	Attack weapon simulation development and application	1968
19690092565	A line transmission simulator for testing data transmission systems Research report, Jan. 1965 - Oct. 1966	1968
19690092618	Time sequence for AS-503 engine canting	1968
19690092623	One-fourth inch two way manual valves for Environmental Life Support Assembly /ELSA/ Test report	1968
19690092645	Hypervelocity impact flash for hit detection and damage assessment Final report, Dec. 1966 - May 1968	1968
19690092655	Analysis of laser-radar eye hazard Final report	1968
19690092660	Evaluation of subminiature RFI filter to the requirements of SCD 121-060-0001	1968
19690092662	Grout system development tests	1968
19690092664	Liquid hydrogen engine feed line	1968
19690092678	Chemical processing division Research and engineering monthly report, Nov. 1968	1968
19690092699	Grout fill verification test, MK24 Mod O	1968
19690092710	Effects of flow separation on Apollo Saturn 5 first stage aerodynamics	1968
19690092717	Evaluation of an oil hydraulic pipe coupling	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092725	Evaluation of Amelco voltage regulators for use in the Small Astronomy satellite and the litter chair	1968
19690092726	Line assembly, engine feed, liquid hydrogen	1968
19690092730	Evaluation of reliability prediction techniques for entire flight control systems	1968
19690092736	Investigation of transition metal oxides Quarterly report, Sep. - Nov. 1967	1968
19690092743	Evaluation of subminiature RFI filter to the requirements of SCD 121-060-0001	1968
19690092744	Evaluation of subminiature RFI filters to the requirements of SCD 121-046-0001 and 0002	1968
19690092745	Evaluation of subminiature RFI filters to the requirements of SCD 121-046-0001 and 0002	1968
19690092761	Static force deflection MK 24 centering cylinders	1968
19690092765	Simulated load cycling test on Bourns series 3111 sub-miniature relay	1968
19690092770	Simulation of a variable geometry reentry vehicle	1968
19690092783	Qualification test on voltage reference diodes	1968
19690092788	Test plan for RA 2909 operational amplifier	1968
19690092791	Experimental signal processing system Quarterly technical report, 1 Nov. 1967 - 31 Jan. 1968	1968
19690092793	Human engineering criteria for maintenance and repair of advanced space systems Quarterly report, 30 Aug. - 29 Nov. 1968	1968
19690092803	Data System Development Plan /DSDP/, for NASCOM. Section 1 - System description and capabilities	1968
19690092813	Microelectronics for interplanetary space applications	1968
19690092814	Preconditioning of resistor, metal film for use in the wooden round missile Final report	1968
19690092834	Photo contrast considerations for aerial mapping	1968
19690092838	Kinetics of the oxidation of metals and alloys as determined by solid electrolyte techniques Semiannual report, 1 Sep. 1967 - 1 Mar. 1968	1968
19690092841	Kiscc behavior of weld metals used in fabrication of an HY-130 /T/ steel structure	1968
19690092856	KA-55 rectifier /F-660/ /U/ Final report	1968
19690092876	AN/AVD-2 /XA-1/ laser reconnaissance set /U/ Final report	1968
19690092879	Effect of vibration on RF-4C sensor imagery /U/ Final report	1968
19690092883	Subsonic cruise performance of an uprated Pratt and Whitney aircraft TF30-P-1 turbofan engine /U/	1968
19690092885	Technological forecasting helps plan tomorrow's fleet	1968
19690092888	Advanced ceramic systems for rocket nozzle applications	1968
19690092893	SDI/AEA program objectives /U/	1968
19690092912	KA-55 combat profile test /U/ Final report	1968
19690092914	Infrared aiming device development /U/ Final technical report	1968
19690092929	Development of a 80/25 mm single stage image intensifier tube /U/ Final technical report, Apr. 1967 - Feb. 1968	1968
19690092970	Rocket propellant program, propellants laboratory /U/ Technical status report, Apr. - Jun. 1968	1968
19690092972	Civilian and military warning requirements study /U/ Final report	1968
19690092980	Advanced maneuvering propulsion technology program /U/ Quarterly report, 1 Nov. 1967 - 31 Jan. 1968	1968
19690092981	The Universal Hypersonic Test Vehicle /UHTV/. Volume 1 - Design and operational concepts /U/	1968
19690092982	The Universal Hypersonic Test Vehicle /UHTV/. Volume 2 - Design techniques and substantiation /U/	1968
19690092983	Technical status report, April - June 1968 /U/	1968
19690092984	Development of high-temperature metals and composites for advanced rocket nozzles and associated structures /U/ Quarterly report, 1 Mar. - 31 May 1968	1968
19690092986	Demonstration of hybrid engine operation characteristics for tactical weapons /U/ Final report, Jul. 1967 - May 1968	1968
19690092987	A survey of the state-of-the-art of high-energy smokeless propellants /U/	1968
19690092988	Solid fuels for supersonic combustion /U/	1968
19690093042	Texas Instruments thermistor, design appraisal report	1968
19690093066	Evaluation program for secondary spacecraft cells - General performance test of General Electric 6.0 ampere-hour nickel-cadmium secondary spacecraft cells	1968
19690093068	Nimbus D - Interrogation, Recording, and Location Subsystem /IRLS/ Quarterly report, 1 Jun. - 1 Sep. 1968	1968
19690093069	Performance evaluation of the unified S-band ground system for AS-502, volume 1	1968
19690093076	Penalty qualification test on Gimbal actuators MOD 2A	1968
19690093082	Evaluation of Gulton Industries type SSM ceramic dielectric capacitors	1968
19690093088	Modified VHF/AM transmitter-receiver equipment, operating life test	1968
19690093089	Modified VHF/AM transmitter-receiver equipment-off limit vibration test	1968
19690093097	Light, indicating, R. F. suppressed	1968
19690093100	Design of a production hydrostatic extrusion press Final technical report, 1 Mar. 1967 - 31 Jan. 1968	1968
19690093101	Switch, illuminated, pushbutton, low current	1968
19690093105	C-5A sonic fatigue test results of a flap lower surface honeycomb panel	1968
19690093106	Minutes of the Fourth Cumulative Damage Technical Coordination Meeting	1968
19690093113	Qualification of fixed film /Cermet/ resistor /for use in Freon FC-77/ Final report	1968
19690093114	Design of fatigue experiments	1968
19690093115	Evaluation /characterization/ tests on printed wiring boards	1968
19690093116	Transducer, pressure	1968
19690093117	Modified VHF/AM transmitter-receiver equipment off limit temperature test	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093135	Evaluation of aerospace computer architecture	1968
19690093137	Examination of aluminum chemical milling maskant materials for corrosion traces	1968
19690093139	C-5A engine pressure ratio indicator reliability demonstration test report	1968
19690093140	Mechanical properties of heat resistant epoxy and polyester FRP laminates	1968
19690093146	Design of a production hydrostatic extrusion press Technical report, 1 Mar. 1967 - 31 Jan. 1968	1968
19690093152	The restoration of constraints in holonomic problems	1968
19690093154	Test and evaluation plan for SAS-A solar cell array	1968
19690093157	Study of subtractive sequential thin film processing for microminiature networks and hybrid microcircuits	1968
19690093163	Separation test of simulated Gemini B interface heat exchanger coldplates Final report	1968
19690093173	Seven in incline vent and relief valve	1968
19690093174	Parachute subsystem-Apollo block 2 increased capability - Earth landing system, series 85, drop tests	1968
19690093176	Batteries S/N 03539000004 and S/N 03590000010 - Batteries, rechargeable-wet cell, silver-zinc, multiple cell, pre-activated	1968
19690093180	The study of hydrocarbon fuel vapor phase deposits Quarterly progress report, 16 Feb. - 16 May 1968	1968
19690093186	Revised GRANDMA computer program	1968
19690093187	Solar power system for the NANS satellite	1968
19690093188	OSCAR solar array performance data	1968
19690093190	Development of a pulse modulated ultrasonic imaging system. Part 1 - General description Final report	1968
19690093201	Nimbus B integration Final report, 1 Aug. 1966 - 30 Jun. 1968	1968
19690093206	Minutes of the third Cumulative Damage Technical Coordination Meeting	1968
19690093211	MOL ground test plan, acceptance test plan. Volume 1 - AVE components through subsystems and age CEI's, sequence no. B287, data item no. UT-101	1968
19690093213	Sources of torque ripple in low-speed bearings	1968
19690093214	Reproduction test report ESED P/N 70-0088	1968
19690093221	Coil, tube deflection	1968
19690093223	Evaluation test report, capacitor, type 1563308-1,-2	1968
19690093226	Capacitor, fixed, polycarbonate	1968
19690093227	An infrared tester for printed circuit boards and microcircuits	1968
19690093233	Evaluation of subminiature RFI filters to the requirements of SCD 121-046-0001 and 0002	1968
19690093236	Low frequency sound velocity in carbon dioxide near the critical point	1968
19690093243	Gemini B procedures simulator - Performance/ design requirements	1968
19690093257	Strain gage results for Centaur 4D structural tests-axial load and yaw axis bending moment tests /phases 1 and 2/, and pitch axis bending moment tests	1968
19690093261	Applications of observers and optimum filters to inertial systems	1968
19690093276	Operation and service manual for ECS EFC low pressure bench 52E180010	1968
19690093277	Evaluation of high voltage porcelain capacitors	1968
19690093303	Preliminary design studies on environmental control/life support systems for maneuverable spacecraft	1968
19690093318	Molecular beam surface interaction Quarterly progress report, 25 Jul. - 25 Oct. 1968	1968
19690093319	Liquid Metal Fast Breeder Reactor /LMFBR/ task force fuel cycle study	1968
19690093348	Addendum to final report	1968
19690093349	Liquid spring seal evaluation	1968
19690093350	Antelope reliability verification test procedure for BuWeeps P/N 2360610, connector electrical	1968
19690093351	Reliability verification test procedure of Navord P/N 2360610 connector electrical - Designed for potting	1968
19690093352	Evaluation test report on /linear/ operational amplifier LM101	1968
19690093359	Antelope reliability verification test procedure for P/N 2360600, semiconductor device, SCR	1968
19690093360	Pressure switch for Poseidon hoist load cylinder	1968
19690093363	Gross risk check on Dickson Electronics Corporation semiconductors JAN-1N2976B, JAN-N2991RB, and JAN-1N3002B	1968
19690093364	Evaluation of Dickson Electronics Corporation DZ80228J to General Electric drawing 7531238P1	1968
19690093365	Qualification testing of a dual diode for the wooden round missile	1968
19690093368	Nose fairing internal pressure and load test	1968
19690093369	Transformer, power, step-down and step-up	1968
19690093370	Reference amplifier, PNP, 9.5 volt	1968
19690093371	Resistor, fixed, film	1968
19690093372	Thermal panel performance	1968
19690093376	Gemini-B preignition effectiveness model report	1968
19690093379	Transistor evaluation 2N3546 per GE/AED drawing 7528149 p1. Manufacturer - Texas Instruments, Incorporated	1968
19690093385	Qualification test report no. 694 /LS41138, formerly SK40654/	1968
19690093387	RCS propellant tank thermostat test Final report	1968
19690093391	Wide-range energy spectra of electrons in the disturbed and undisturbed ionosphere Quarterly report, 1 Sep. - 30 Nov. 1968	1968
19690093392	Saturn Apollo applications program definition for KSC Final progress review	1968
19690093397	Life testing of Hi-G relays M5757/9-003 to confirm bearing problem in the motor	1968
19690093398	Status of MK-88 Poseidon module testing	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093404	Ground checkout test - Mission life test modified UHF/AM transmitter-receiver model Q3	1968
19690093405	Qualification Test Report, Propellant Shutoff Valve, Part No. 5670024-101	1968
19690093418	Qualification of theromostatic switch for the self propelled Hawk system	1968
19690093419	Evaluation tests on transformer, pulse /Mfrs/ type no. LH39433	1968
19690093430	Biomonitor field testing and further development	1968
19690093445	Interference prediction model development radar model cross-section subroutine	1968
19690093447	Interference prediction model development input impedance of army FM receivers	1968
19690093450	Preliminary Gemini B guidance equations for the MOL mission Technical report	1968
19690093451	Gemini B - Ejection seat system test, dual ejection test plan	1968
19690093452	Gemini B effectiveness assessment plan	1968
19690093453	Evaluation tests on inductor, tuning manufacturer's type LH39424	1968
19690093455	Qualification testing of a dual transistor for use in the wooden round missile	1968
19690093456	Qualification of rotary switch for Hawk SP launcher	1968
19690093457	Off limit voltage test modified VHF/AM transmitter-receiver equipment model Q3	1968
19690093461	Evaluation of 7528060 P 2 continental device CD331294	1968
19690093462	Mass accuracy of liquid oxygen and liquid hydrogen	1968
19690093464	Evaluation of units during and after specified environments	1968
19690093465	Evaluation tests on amplifier, differential, operational, type NS7560A	1968
19690093470	A study of an Intermediate Orbital Workshop System /IOWS/. Volume 2 - Experiment program	1968
19690093471	A study of an Intermediate Orbital Workshop System /IOWS/. Volume 3 - Flight crew operations	1968
19690093472	A study of an Intermediate Orbital Workshop System /IOWS/. Volume 5 - Logistic system	1968
19690093473	A study of an Intermediate Orbital Workshop System /IOWS/. Volume 6 - Flight operations	1968
19690093474	A study of an Intermediate Orbital Workshop System /IOWS/. Volume 7 - Program plans and cost	1968
19690093475	Analysis of crew escape initiation response characteristics from Titan 3M/Gemini B stage "0" abort simulation	1968
19690093476	Gemini B structural qualification test plan	1968
19690093482	Platform vibration qualification test performance summary /U/	1968
19690093504	Operation and service manual for propulsion components EFC console 52E420010	1968
19690093506	Computer program category 1 test plan for CEI MOL809A. CDRL item T108. Data item no. UT-467	1968
19690093513	Guidance and control mechanics test - Attitude control system analytical performance verification Final report	1968
19690093516	Evaluation of uA 711 dual differential voltage comparators	1968
19690093517	List of TRW preferred electronic parts, December 1968	1968
19690093526	Electromechanical energy conversion in field compression devices Final report	1968
19690093550	Low-frequency radio telescope /LOFT/ Quarterly report, 12 Jul. - 31 Aug. 1968	1968
19690093562	Small-lot sampling plans based upon the hypergeometric probability distribution	1968
19690093563	Evaluation tests on amplifier, differential, operational, type CAE 51051	1968
19690093566	On the optimal stochastic control of systems with noisy measurements	1968
19690093568	Static development tests, raceway covers - Figure A-6372/figure A-6061 Final test report, Mar. - Jul. 1967	1968
19690093570	Liquid-oxygen vent valve	1968
19690093572	LASA experimental signal processing system programming manual. Volume 1 - Program descriptions Technical report, 20 Feb. 1967 - 20 Jun. 1968	1968
19690093573	Qualification report for coil /reactor/ per BuWeps drawing 2459473	1968
19690093579	Reverse pressure effect on suit demand regulator Final report	1968
19690093580	Fibre-reinforced metals	1968
19690093583	Saturn S-4B stage as a test bed for booster recovery	1968
19690093594	Documentation of a piloted aircraft simulator for direct lift control and carrier landing studies	1968
19690093598	Evaluation of specific surface treatments on beryllium and resulting configurational instabilities	1968
19690093599	Qualification testing of a Zener diode for the wooden round missile Final report	1968
19690093600	Preproduction test report ESED P/N 70-0090	1968
19690093601	General evaluation of capacitors	1968
19690093603	GEOS 2 solar array performance	1968
19690093604	Qualification of dual NOR, NAND gates for Hawk ground equipment	1968
19690093605	Coolant pump assembly, low temperature start test Final report	1968
19690093607	Torque versus preload - Gemini B RV/adapter tie strap Final report	1968
19690093610	LIDOS power system summary	1968
19690093611	An automated digital radar prediction system	1968
19690093614	Qualification testing of transistors, power, p-n-p	1968
19690093615	Saturn 5 S-IC final propulsion system performance prediction, flight SA-503, volume 1	1968
19690093635	Qualification of Aladdin pulse transformers 885c608 P1	1968
19690093637	Evaluation of Siliconix U205/2N5197 dual N-channel field effect transistor	1968
19690093658	L H2 performance with polyurethane foam, propellant shutoff valve	1968
19690093661	An analysis of the Huggins TWT power supply	1968
19690093666	Liquid hydrogen center engine feed line	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093681	Flight simulation-mission life test modified VHF/AM transmitter-receiver model Q3	1968
19690093686	Qualification of push switch for SP Hawk system	1968
19690093690	Appolo SPS engine - Gimbal actuators MOD 2A	1968
19690093693	Design confidence test requirements - Electrical/electronic piece parts, ETA 123 S-1C quality maintenance program	1968
19690093699	MOL ground test plan effectiveness test plan. Sequence number B288. Data item number UT-004	1968
19690093700	Evaluation tests on rotary switches type DL 20 degress, 18 sections	1968
19690093701	Evaluation testing of miniature bite indicators	1968
19690093702	Shear strengths of 1A1-8V-5Fe titanium taper-lok fasteners /STSAH005/ in wing station 120 splice joint configurations	1968
19690093706	Gemini-MVS digital computer program	1968
19690093708	Qualification of Mica capacitors for use in high voltage power supply Final report	1968
19690093723	Qualification testing of a transistor for the wooden round missile	1968
19690093730	Study and application of Mach wave techniques /U/ Final report, Jun. 1966 - Dec. 1967	1968
19690093739	Radiation hazards to man on extended missions Quarterly progress report, Feb. - Apr. 1968	1968
19690093761	NASA intercenter meeting on passive electromagnetic systems and sensors	1968
19690093767	Advanced engine aerospike experimental investigation performance program Monthly status report, Nov. 1968	1968
19690093815	Microwave Device and Physical Electronics Laboratory Consolidated quarterly report, 1 Apr. - 30 Jun. 1968	1968
19690093862	Waves in the solar atmosphere. Part 1 - Compressional modes of the chromosphere	1968
19690093867	Manufacturing technology unique to zero gravity environment	1968
19690093892	Project Delta vehicles, incentive contract study	1968
19690093893	Gemini spacecraft, incentive contract study	1968
19690093894	Operation, maintenance, and support services for the Manned Space Flight network, incentive contract study	1968
19690093899	Nondestructive testing of brazed rocket engine components	1968
19690093901	LS-41 flashing beacon, volumes 1, 2, and 3	1968
19690093902	R/L disc installation	1968
19690093913	Kennedy Space Center base support services, incentive contract study	1968
19690093914	Pioneer spacecraft project, incentive contract study	1968
19690093915	Project biosatellite, incentive contract study	1968
19690093959	Batteries - S/N-03539000005 and S/N-03539000052	1968
19690093960	Inverter - 1250 VA type AVI 122D, part A	1968
19690094042	Vibration lift-off simulation-mission life test - Modified VHF/AM transmitter receiver	1968
19690094043	Corrosion problems on silver plated copper wire	1968
19690094047	SPS series parallel, oxidizer and fuel helium check valves	1968
19690094054	Diurnal variations in the temperature regime on Venus	1968
19690094055	Network bit synchronization atomic clock versus frequency averaging Final report, 30 Aug. 1967 - 31 Jul. 1968	1968
19690094056	A comparison of the stress-corrosion behavior of some high-strength steels	1968
19690094057	Penetration profiles in tracer diffusion studies	1968
19690094058	On a characterization for the LR-generalised pseudo-inverse of a matrix	1968
19690094063	Satellite observation of the X-ray source in Lupus	1968
19690094064	Why deserts /ques/	1968
19690094065	Determination of total nitrogen in solids by pyrolysis-microcoulometry	1968
19690094071	On modeling and the effects of fixity on load bounds	1968
19690094072	Stability criteria for a cantilever subjected to a time-dependent follower force	1968
19690094073	A statistical analysis of flare events and its implications concerning the suns internal rotation	1968
19690094084	Lunar Orbiter project, incentive contract study	1968
19690094085	Digital guidance computer and data adapter for Saturn 1B/5, incentive contract study	1968
19690094089	Surface state studies of thick silicon dioxide layers using MOS structures	1968
19690094090	Stellar-Inertial-Doppler System /SIDS/ Final system report, Jul. 1963 - Apr. 1967	1968
19690094092	ST-124 stabilized platform, incentive contract study	1968
19690094093	Crawler-transporter for Launch Complex 39, incentive contract study	1968
19690094094	Orbiting Astronomical Observatory /OAO/, incentive contract study	1968
19690094095	Operational and maintenance support for Manned Spacecraft Center, incentive contract study	1968
19690094139	Project Gemini B weight status number 25 /U/	1968
19690094142	Advanced fluidic controls for integrated propulsion systems. Part 2 - Materials and fabrication techniques for high temperature turbine engine controls /U/ Final report, Apr. 1965 - Aug. 1967	1968
19690094143	Advanced fluidic controls for integrated propulsion systems. Part 3 - Fluidic techniques for multiple-engine thrust stability control /U/ Final report, Apr. 1965 - Aug. 1967	1968
19690094144	Advanced fluidic controls for integrated propulsion systems. Part 5 - Reliability study of an integrated propulsion system control using fluidic control techniques /U/ Final report, Aug. 1965 - Dec. 1967	1968
19690094147	Evaluation of RCA Proposed Repair Procedure on Ampex Module Boards	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690094152	The role of the DDP-24 digital computer in generating target and impact data for video presentation to an aircraft gunner in a large-scale avionics simulation facility	1968
19690094271	Magnitude of experimental effect and a table for its rapid estimation.	1968
19700000866	Microbial cell recovery from solid materials, volume 1	1968
19700000867	Microorganisms in solid materials, volume 2, phases 1-4	1968
19700000868	Microorganisms in solid materials, volume 3, task 1 - Resistance of alpha organisms to drying and to sterilization by ethylene oxide	1968
19700000869	Microorganisms in solid materials, volume 4, task 2 - Naturally occurring microbiological flora from normally prepared propellant specimens	1968
19700000870	Microorganisms in solid materials, volume 5, task 3 - Recovery levels of microbial organisms inoculated into solid propellant specimens	1968
19700002126	Initial experiments with migrating Chelonia mydas using telemetry	1968
19700004848	An improved technique for microbiological sampling of surfaces - Agar spray	1968
19700006090	Civil aviation research and development - An assessment of Federal Government involvement	1968
19700006455	The Hypersonic Fully Viscous Shock-layer Problem	1968
19700006485	Contamination control. A state-of-the-art review	1968
19700007409	Appendix 1 - Flux flow studies and stability criteria of NbTi strips	1968
19700007410	Appendix 2 - Steady state performance of multistrand superconducting compound conductors	1968
19700007411	Appendix 3 - Heat transfer from cylindrical surfaces to liquid helium 1	1968
19700007604	Stochastic integrals for processes with covariance	1968
19700008094	Nonlinear analysis and synthesis of generalized tracking systems, part 1	1968
19700008744	Effects of mass transfer and chemical nonequilibrium on slender blunted cone pressure and heat-transfer distributions at M = 13.2 Final report, 1 Mar. - 15 Jul. 1968	1968
19700011805	The college of business administration circa 1985	1968
19700011812	Impact of budget execution on management behavior - A study of managerial perception	1968
19700011816	The spectrum of project management	1968
19700011871	Radiation survey meter with count rate mode Final report	1968
19700012596	Doppler geodetic system Final report	1968
19700012878	Method and apparatus for predicting the occurrence of major solar events Patent Application	1968
19700014295	Large area proton beams for radiobiologic research from the NASA-SREL synchrocyclotron. 1 - Investigation of the nominal 300-MeV primary beam. 2 - Investigation of the nominal 600-MeV primary beam Final report, Jul. - Dec. 1967	1968
19700014298	Automatic determination of invariance in machine coded speech	1968
19700014317	Two Prominence Eruptions and the Problem of Emission	1968
19700014414	Initial observations of geomagnetically trapped protons and alpha particles with OGO-4	1968
19700014446	A New Homeostat	1968
19700014994	Deleted record	1968
19700025212	Basic equations and logic for the real-time ground navigation program for the Apollo lunar landing mission - Project Apollo	1968
19700025430	The prediction of solar particle events - A survey of the state-of-the-art	1968
19700070300	Astrionics System Handbook - Saturn Launch Vehicle	1968
19700070301	A worldwide inventory of features characteristic of rocks associated with presumed meteorite impact craters	1968
19700070304	Guidance system error study program - Statistical measures of performance	1968
19700070307	Cross-modality effects upon choice reaction time	1968
19700070322	Photochemistry of t-butyl alkyl ketones in solution	1968
19700070323	Some characteristics of selected minerals from craters	1968
19700070447	Sensory interaction - Evoked potential observations in man	1968
19700070491	Temporal characteristics of sensory interaction in choice reaction times	1968
19700070492	Shock-induced structural disorder in plagioclase and quartz	1968
19700070494	Statistical measurements of deformation structures and refractive indices in experimentally shock loaded quartz	1968
19700070586	Operating Tests of the H-1 Engine Hydraulic System and Components Under Known Conditions of Fluid Contamination Final Report	1968
19700070811	Thermal Conductivity of Aerospace Alloys at Cryogenic Temperatures	1968
19700070812	An Experimental Study of the Products of Collisions of 1-eV Atoms with Surfaces	1968
19700071224	Evidence of low-binding-energy electrons in a low-temperature helium afterglow	1968
19700071439	Observations of fluorine nuclei in the primary cosmic radiation made on the Pioneer 8 spacecraft	1968
19700071517	MSFN equipment allocations handbook. Part 1 - Systems sequence	1968
19700071575	Updated emergency detection system analysis of upper stage malfunctions for the AS-503 C prime mission Final report	1968
19700071772	Educational demands in the aerospace age	1968
19700071925	LC-39 arming tower service and maintenance manual, elevator systems. Volume 1 - High- rise /main service/ elevators	1968
19700072070	Annual report to NASA, for the period January - December 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700072071	Research and development of a high capacity nonaqueous secondary battery Quarterly report	1968
19700072072	Research and development of a high capacity nonaqueous secondary battery Quarterly report	1968
19700072077	Research and development of a high capacity nonaqueous secondary battery Quarterly report	1968
19700072248	The Stability of Viscous Time Dependent Flow Between Concentric Rotating Cylinders with a Wide Gap	1968
19700072311	Apollo water system chlorine removal unit Final report	1968
19700072672	ATM optical contamination study Interim report	1968
19700073191	Post ignition hydrogen detection system Final report	1968
19700073192	Tracking data plotting and printout system Final report	1968
19700073657	Canonical transformation theory and the optimal low-thrust problem	1968
19700073772	Theory of adsorption processes at ring-disk electrodes. Application to the adsorption of copper// in 0.5 M hydrochloric acid on platinum	1968
19700073775	Deoxygenation of organic nitrites	1968
19700073804	Experimental heat chamber for sterilization of large interplanetary structures Monthly progress report, 4 - 31 Oct. 1968	1968
19700073932	Mariner Mars 1969 planetary quarantine plan	1968
19700073933	Response of viruses to environmental exposure	1968
19700073984	Melioration of selection methods of synchronous pairs	1968
19700073985	Analysis of a series of precise determination of satellite position in a long arc	1968
19700073988	Determination of the geocentric coordinates of a station from the intersection of space directions determined by means of artificial satellites	1968
19700073989	On space triangulation adjustment using measured length and angle coordinate values	1968
19700074080	Solutions of the Vlasov-Poisson equations for oscillations of a nonuniform plasma	1968
19700074145	Surveyor 7 illumination test	1968
19700074254	Surveyor full-scale spacecraft antenna measurement program Final report	1968
19700074255	Calibration and evaluation of the Wallops AN/FPQ-6 radar utilizing the GEOS-2 satellite	1968
19700074720	Some algebraic and distance properties of convolutional codes	1968
19700074795	Committee on Image Tubes for Telescopes Annual report, 1966 - 1967	1968
19700074801	Canine reduction in adult M. mulatta	1968
19700074821	Flow inside a torsionally oscillating sphere	1968
19700074838	Recent progress in astrophysics and applied optics	1968
19700074850	Stochastic integrals for nigh-martingales	1968
19700074863	Study of the methods for the numerical solution of ordinary differential equations Final report, 26 Jan. 1967 - 25 Jan. 1968	1968
19700075070	Applications of automata theory in coding	1968
19700075699	Coaxial connector and cable data	1968
19700075752	Development of a speech-to-noise ratio measurement utilizing digital techniques	1968
19700075869	Fracture toughness of aft /LOX/ dome meridian welds for the Saturn S-4B	1968
19700076075	Standard for electrical power cables, design for installation	1968
19700076116	Utilization of Saturn/Apollo control and checkout system for prelaunch checkout and launch operations	1968
19700076146	RTCC requirements for mission G - Selecting and verifying USBS Doppler data sources during LM ascent and descent	1968
19700076194	A 2-ampere, 2-PDT, magnetic latch relay /RQ-AP-7/	1968
19700076210	Contract end item detail specification /prime equipment/. Part 2 - Product configuration and acceptance test requirements for S-4B stages 204 through 212 for Saturn 1B program	1968
19700076212	Sacramento narrative end item report, Saturn S-4B-505N	1968
19700076214	LOX vacuum-jacketed duct vibration tests	1968
19700076217	Oxidizer tank pressurization system vibration tests	1968
19700076222	Qualification test of relay, DPDT, 2 ampere	1968
19700076231	Semiannual review of research and advanced development. Volume 1 - Planetary quarantine /186-58/ - Several separate papers, January - June 1968	1968
19700076236	LH2 chilldown system shutoff valve vibration and shock tests	1968
19700076243	RTCC requirements for mission G - Lunar module attitude determination using onboard observations	1968
19700076245	Fuel tank vent system vibration and shock tests	1968
19700076246	Saturn S-2 materials and processes development during second half of 1967	1968
19700076251	Visual detection of the landed lunar module by the Apollo command module optics	1968
19700076255	S-4B-502 stage technical performance criteria document	1968
19700076256	LO2 tank pressurization control module vibration tests, Program Saturn	1968
19700076261	RTCC requirements for mission G - Landing site determination using onboard observations	1968
19700076285	Electromagnetic compatibility review of the NASA Gemini Project	1968
19700076382	Significant quality and reliability actions, March 1967 - March 1968. Program Apollo	1968
19700076411	Saturn S-4B-205 stage flight evaluation report	1968
19700076412	Repressurization control module vibration tests	1968
19700076431	Techniques and results of Apollo 4 service propulsion system postflight analysis	1968
19700076449	Formulation of rendezvous navigation plans for missions D, E, and G	1968
19700076450	On the Orthonormalization of Sparse Vectors	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700076467	Detail system model specification Saturn 5 S-4B-500-ST stage simulator	1968
19700076474	Voltage excitation assemblies P/N 1B67324-1, qualification test results	1968
19700076475	MPF - A generalized program for solving nonlinear two-point boundary value problems	1968
19700076478	Final analysis of the descent propulsion system during the flight of Apollo 5	1968
19700076483	Influence of the aircraft shape on the wave pattern	1968
19700076484	On Normality and Pointwise Paracompactness	1968
19700076493	Oceanography and meteorology, a systems analysis to identify orbital research requirements. Volume 1 - Executive summary report Addendum one to a study of spent Saturn 4B stage utilization for support of earth orbital missions	1968
19700076496	Apollo system safety program plan	1968
19700076527	General purpose, 10-ampere relay qualification test	1968
19700076528	Qualification test of 10-ampere, DPDT, general purpose relay /AP10-AP12/	1968
19700076560	S-4B-204 stage flight test plan	1968
19700076570	Safety requirements for man-rating space systems draft	1968
19700076580	System safety data retention guide	1968
19700076581	Safety glossary /preliminary draft/	1968
19700076599	Gas-liquid chromatography of protein amino acids - Separation factors	1968
19700076608	Apollo egress training plan - Revision A	1968
19700076731	Quantitative determination of N-acetylneuraminic acid by gas-liquid chromatography	1968
19700076742	KSC prelaunch test and checkout requirements, S-4B-1B, 1B66258 'B'	1968
19700076870	On Steffensen's method	1968
19700076873	Effectiveness factors and instability in solid-gas reactions	1968
19700076967	Experimental studies of auditory discrimination	1968
19700076991	Gas-liquid chromatographic analysis of nucleic acid components	1968
19700077093	Spectrophotometric studies of gaseous nebulae. 11 - The planetary NGC 6543	1968
19700077142	Neutron activation determination of vanadium in iron meteorites and sulfide nodules	1968
19700077421	A survey of sonic boom experiments	1968
19700077457	Shock metamorphism as a geological process	1968
19700077462	On the rare-earth silicides	1968
19700077500	Configuration management office manual. Configuration management office /MAP-6/	1968
19700077503	Partial contact as a stimulus to laboratory mating in the desert pocket mouse, Perognathus penicillatus	1968
19700077507	Precision atomic Zeeman spectroscopy at low magnetic fields	1968
19700077530	Interaction of the neutral hydrogen and charged particles in the radiation belts - The consequent Lyman-alpha emission Discussion of paper	1968
19700077532	Role of axial divergence in powder diffractometry	1968
19700077533	The Elastic Constants of a Cubic Crystal Subjected to Moderately High Hydrostatic Pressure	1968
19700077539	Internal gold plating of small diameter stainless steel tubing	1968
19700077618	Exact solution for the diffusion of a charged particle in a time-varying electromagnetic field	1968
19700077842	Jupiter - A new dark streak	1968
19700077843	Calculation of the capture of negative pions in light elements and comparison with experiments pertaining to cancer radiotherapy	1968
19700077870	Inversion of density in the convective zone	1968
19700077990	Note on exact critical values of the X/2/ statistic in the case of equiprobable alternatives	1968
19700077991	Hollow zoaria of lunulitiform bryozoa	1968
19700078008	An interferon-like inhibitor in the tissues of mice acutely infected with lymphocytic choriomeningitis virus	1968
19700078038	Eigenvalue density of conical shells	1968
19700078040	The influence of water vapor on the long wave stratospheric and mesospheric radiation budget	1968
19700078048	New Evidence for the Electron-Impact Induced Migration of Trimethylsilyl Substituents	1968
19700078049	An analytical method for predicting the stability and control characteristics of large elastic airplanes at subsonic and supersonic speeds. Part 2 - Application	1968
19700078067	The production of cosmic electrons from matter-antimatter annihilations	1968
19700078069	The estimation of atmospheric electrical path length by passive microwave radiometry	1968
19700078070	Extensions of locally compact abelian groups	1968
19700078071	Autoradiography - uncommon uses	1968
19700078081	A bibliography for biomedical signal analysis	1968
19700078083	Observations on the distribution of fluorescent pseudomonads in soils	1968
19700078084	Prototype electrolyzer for oxygen generation from water vapor	1968
19700078085	Certain aspects of onboard centrifuges and artificial gravity	1968
19700078087	Structure of high Mach-number shocks in low-beta plasmas	1968
19700078093	The study of irregular surfaces using the scanning electron microscope	1968
19700078095	The detection and analysis of errors in a data switching system	1968
19700078105	Avalanche mode circuit produces fast bi-polar pulses	1968
19700078107	Thermal shock, compressive strength, and compatibility of thoria at elevated temperatures in an oxidizing atmosphere	1968
19700078117	The lambda 1909 intercombination line of C/III/ in gamma 2 Velorum	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700078118	Bibliography on precipitation statistics and related subjects	1968
19700078124	Laser atmospheric instrumentation and measurement	1968
19700078126	Design and fabrication of TMJ 2000-4PC thrusters and associated hardware Summary report	1968
19700078127	A geometric approach to multivariate analysis. 1 - Linear estimation	1968
19700078137	Reproducibility of temperature measurements from model testing. Research on transient thermal modeling of spacecrafts	1968
19700078149	Numerical study of charged particle heating by plasma turbulence	1968
19700078170	Usage of solid sources for measurement of electron capture ratios	1968
19700078187	Formulas of modified Runge-Kutta type	1968
19700078192	General perturbations in satellite theory	1968
19700078195	Simplified large area glancing incidence focussing system for X-rays and neutrons	1968
19700078197	Accumulation of ATP in soil due to growth of Escherichia coli	1968
19700078218	Some interactions of cesium plasmas with tungsten electrodes and some approximations of thermionic diodes	1968
19700078237	A study of hydrogen slush and/or hydrogen gel utilization Quarterly progress report	1968
19700078242	On the plasma Cerenkov radiation 2	1968
19700078253	Interaction of the solar wind with the moon	1968
19700078261	A simple method for the mass culture of microorganisms with reference to photobacteria	1968
19700078268	Documentation list for Saturn stage S-2	1968
19700078273	Turn-on current transient limiter	1968
19700078304	Participation of sulfur compounds in vinyl and related polymerization	1968
19700078305	Temperature dependent kinetics of a two- dimensional circulating fuel reactor	1968
19700078314	Effect of coordination number on ionic radius and partition coefficient	1968
19700078315	Optical radar backscatter measurements of molecular density and particulate matter in the mesosphere and lower thermosphere	1968
19700078321	Neutron and proton spectra from targets bombarded by 450-MeV protons	1968
19700078326	Statistical explanations of thermal diffusion in plasmas	1968
19700078327	Solar cosmic rays	1968
19700078328	On the application of the grad approximation to time-dependent plasmas	1968
19700078329	Mathematical analysis of asymmetric biorhythm wave forms	1968
19700078341	Deformation lamellae in quartz	1968
19700078366	Experimental studies of equilibria in C-H-O plasmas	1968
19700078367	The refinement of gravity gradient booms and deployers Final report	1968
19700078401	The relativistic dynamics of a point charge in a magnetic monopole field	1968
19700078404	The influence of circuit parameters on the harmonics of a PWM dc-to-sinusoidal inverter	1968
19700078426	Stimulation of Hydroxyindole-o-Methyl Transferase Activity in Hamster Pineal Glands by Blinding or Continuous Darkness	1968
19700078521	Review of the promise of space	1968
19700078524	Apollo flight readiness reviews. Apollo program directive no. 8A	1968
19700078525	EPR spectrum of Fe ⁺³ , TiO ₂ powder	1968
19700078588	Ultra high vacuum adhesion testing of NERVA engine materials Annual report	1968
19700078634	Aerodynamic characteristics of the HL-10 manned lifting entry vehicle at a Mach number of 10.5	1968
19700078676	Calculated electric field spectra for axially symmetric molecules	1968
19700078712	Predicted Characteristics of M2-F2 Lifting Body Launched from B-52 Airplane with Comparison of Flight Results	1968
19700078740	Stability and control characteristics of the M2-F2 lifting body measured during 16 glide flights	1968
19700079019	Nature of the electrical transition in Ti ₂ O	1968
19700079020	Crystallographic Study of the Transition in Ti ₂ O ₃	1968
19700079023	Atraumatic Measurement of the Isometric Relaxation Period of the Left Ventricle	1968
19700079222	PRECISE - A multiple precision version of OMNITAB	1968
19700079309	Lectures on controllability and observability	1968
19700079346	Some algebraic and distance properties of convolutional codes	1968
19700079498	Apollo applications program future missions - 3-day extended LM configuration description	1968
19700079499	A history of operational and maintenance support services	1968
19700079521	Static-force tests on the AFFDL- McDonnell Unmanned Supersonic Test Vehicle /USTV/ at supersonic Mach numbers /U/	1968
19700079522	US Air Force accident bulletin, 1968 /U/	1968
19700079594	X-ray analysis of lunar materials Final report, 13 Feb. 1967 - 15 Jun. 1968	1968
19700079638	Review of studies of stress corrosion cracking in Ti-8 Al-1 Mo-1V	1968
19700079641	Procedural support data MOL mission module transporter	1968
19700079679	Development of materials and materials application concepts for joint use as cryogenic insulation and micrometeoroid bumpers Quarterly progress report, Jan. - Mar. 1968	1968
19700079711	Empirical verification of transistor model in a 200 MHz to 400 MHz amplifier	1968
19700079713	A visual flight landing approach aid	1968
19700079714	Some tests of night and day vision	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079715	Effect and control of chatter vibrations in machine tool processes Final scientific report, 1 Sep. 1966 - 31 Aug. 1968	1968
19700079716	Aircraft seismic/acoustic surveillance	1968
19700079752	Lidos shadow study	1968
19700079778	Study of Guinier-Preston zone reversion in high strength aluminum alloy 7075	1968
19700079792	Effect of gas turbine engine fuel nozzle design and operation nozzle and combustor performance Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19700079793	Evaluation of energy sources applied to the ejection of sonobuoys, phase 2 Technical report, 1 Mar. - 15 Aug. 1968	1968
19700079794	Data Processing Operational Procedures for Orbiting Astronomical Observatory OAO-A2	1968
19700079822	Hydro-Line Manufacturing Company Hydraulic cylinder NASA part number 75M09362	1968
19700079883	Shadow study of SAS-A solar arrays	1968
19700079897	Development of improved materials and processes for low cost boron filament Final report, 1 Apr. 1967 - 31 Jan. 1968	1968
19700079908	Research study on soil treatment materials for dust phallation, soil waterproofing and soil strengthening Final report	1968
19700079921	Review of recent developments - Fiber- reinforced metals	1968
19700079926	Use of mathematical modeling techniques in the life cycle of material Final report	1968
19700079928	Shell parameter influence on the failure mode of side-on air blast loaded cylinders	1968
19700079929	Acoustic data processing system	1968
19700079938	C3X Viking high intensity thermal simulation test program	1968
19700079959	Electronic control of the pump process for the generation of giant laser pulses	1968
19700080005	Combined-environment testing of electrical equipment for the fleet Research and development report, Oct. 1967 - Oct. 1968	1968
19700080013	Mass data storage system. A 262K core memory for direct access or peripheral access by NTDS computers Technical note	1968
19700080016	Signal and noise analysis report, Aleutian Islands experiment, ocean-bottom seismographic experiments Special report, 5 Apr. 1967 - 31 Oct. 1968	1968
19700080019	The SPB2 and SPB4 airspeed altitude recorders	1968
19700080020	Tire landing index test, 1968, F-100, 30 by 8.8/22 PR Final report	1968
19700080043	Remote sensing in the infrared from lunar orbit	1968
19700080067	Cellular and tissue adaptation to hypoxia Final report, Mar. - Aug. 1968	1968
19700080076	Propulsion system flow stability program /dynamic/. Part 3 - Inlet dynamic distortion Final report, 20 Jun. 1967 - 30 Sep. 1968	1968
19700080077	Propulsion system flow stability program /dynamic/. Part 17 - Propulsion system simulation digital computer program format and routines Final report, Jun. 1967 - Sep. 1968	1968
19700080094	Dc-to-ac inverter and high-speed induction motor Final report	1968
19700080095	Hard landing indicator development program, phase 2 Final report, 30 Jun. 1966 - 15 Apr. 1968	1968
19700080104	Infrared detection and camouflage	1968
19700080118	Environmental-measuring equipment used by Air Weather Service in support of Air Force and Army operations	1968
19700080132	Transmitter design in a commercial, marine, single-sideband transceiver	1968
19700080137	Apollo Saturn B02.00.00.0 - Operations and maintenance, assembly and test area, operations and checkout building and helium gas storage and distribution system	1968
19700080140	Agricultural applications and requirements program Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19700080147	Research study on instrument unit thermal conditioning panels Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968
19700080157	Self consistent orthogonalized planewave energy band model for cubic ZnS, ZnSe, CdS and CdSe	1968
19700080212	A parametric study of V-angle determination using a computer controlled dissector	1968
19700080229	Gemini B aerodynamic data book. Volume 1 - Aerodynamic coefficients	1968
19700080300	Test report for pressure switch, adjustable 3000 psig hydraulic fluid, Custom Components, Incorporated, NASA part no. 75MD7505C	1968
19700080306	Numerical solutions to the heat conduction equation applicable to thin film heat transfer gages	1968
19700080313	Inorganic dielectrics research Annual summary report, 30 Jun. - 31 Dec. 1967	1968
19700080316	Plan for a wind tunnel test to survey the flow field about an ogive-cylinder-frustum-cylinder model at 1.96 Mach number	1968
19700080318	Effects of transient radiation on microelectronic conductor-substrate systems	1968
19700080319	HCl etching and refill of silicon through windows of oxide masks	1968
19700080323	Electro-optical input/output equipment with memory Final report, 1 Jul. 1967 - 1 Jul. 1968	1968
19700080325	High-speed complementary MOS FIFO shift register for BORAM buffer Quarterly report, 15 May - 15 Aug. 1968	1968
19700080326	Compensating resistors for active RC filters Final report, 13 Feb. 1967 - 13 Aug. 1968	1968
19700080330	Single crystals of ferrite and ferroelectric materials Final report, 15 Nov. 1964 - 14 Jun. 1968	1968
19700080331	Linear integrated circuits /field effect RF amplifier/mixer integrated circuits/ Quarterly report, 8 Apr. - 7 Jul. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080332	Two state modulation techniques for power systems Semiannual report, 1 Dec. 1967 - 1 Jun. 1968	1968
19700080337	Balloon ascent improvement device Final report, 1 Jul. 1966 - 31 Jul. 1968	1968
19700080342	Mechanical-property evaluation of two production VIM-VAR heats of 10Ni-2Cr-1Mo-8Co steel Progress report, 1 Jul. - 31 Dec. 1968	1968
19700080348	Some current problems concerning secondary electron emission	1968
19700080349	Investigation of high-power beam plasma interactions Final report, 15 Dec. 1965 - 31 May 1968	1968
19700080358	Effect of alloy content and processing parameters on rapidly heat-treated steels	1968
19700080361	Effects of columbium, tungsten, and cobalt on the weldability of experimental HY-150 steels	1968
19700080362	Development of a low-manganese HY-150 steel-2	1968
19700080363	TEM digital ferrite phase shifters Quarterly report, 1 May 1967 - 15 Mar. 1968	1968
19700080364	Inorganic dielectrics research Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19700080374	Timing and framing techniques for troposcatter and line of sight, volume 1 Final report, 1 Sep. 1967 - 31 Dec. 1968	1968
19700080375	Timing and framing techniques for troposcatter and line of sight, volume 2 Final report, 1 Sep. 1967 - 31 Dec. 1968	1968
19700080376	Effect of composition on the K sub ISCC of experimental HY-150 steels	1968
19700080377	The near wake problem. 1 - Formulation of a finite difference method for the exterior flowfield	1968
19700080380	Comparison of fracture-mechanics and nominal-stress analyses in stress-corrosion testing	1968
19700080381	K sub Ic transition-temperature behavior of A517-F steel	1968
19700080382	The static and dynamic low-temperature crack-toughness performance of seven structural steels	1968
19700080385	Investigation of long-range intercept and analysis techniques Final report	1968
19700080386	Erbium-doped glass laser devices Quarterly report, 15 Apr. - 15 Jul. 1968	1968
19700080387	Microwave pulse-shaping networks Interim engineering report, 15 Dec. 1967 - 15 Apr. 1968	1968
19700080394	Azimuth and elevation direction finder techniques Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19700080395	Test set for ULF crystal units	1968
19700080413	The 60-Watt hydrazine-air fuel cell battery Interim progress report, 1 Dec. 1967 - 30 Apr. 1968	1968
19700080415	High pulse power injection laser Interim report, 15 Apr. - 13 Sep. 1968	1968
19700080417	A review of the operational aspects of the AFICCS display system	1968
19700080420	GM5500 - A symbolic list processor on the Burroughs B-5500	1968
19700080433	Hafnium-hafnium dioxide twin-T network Final report	1968
19700080434	Com/DP system for Portable Automatic Weather Observing Station /PAWOS/ Final report, Jul. 1967 - Jul. 1968	1968
19700080438	Earmuff cushion prototype - Friction-spring design Final report, 1 Jul. 1967 - 31 Jan. 1968	1968
19700080442	On turbulent diffusion in the ground layer of air, part 2	1968
19700080591	Battery sensing generator control system Final report	1968
19700080681	San Clemente Island rocksite project - Offshore geology. Part 2 - Reconnaissance survey around the island	1968
19700080728	Metal fabric space suit development Interim report	1968
19700080749	Synthesis of optically active alpha-amino acids from esters of alpha-keto acids by hydrogenolytic asymmetric transamination. A solvent effect	1968
19700080750	Internal environment simulator LSP430-5500-1 validation	1968
19700080770	Taylor Instrument Company pitot Venturi tube, NASA part no. 75Mis214, PRO-10, NASA control no. 3197-4	1968
19700080780	Sparton Southwest, Incorporated, pressure transducer NPN 75M07075, NCN 3301-4, test report	1968
19700080781	Multi-pole relay evaluation study Final report, 1 Jul. 1965 - 1 Nov. 1968	1968
19700080787	Calmec Manufacturing Corporation check valve. NASA part no. 75M51582-1, NASA control no. 3378-4	1968
19700080960	Apollo 6 mission anomaly and failure listing report	1968
19700080965	Polyphenylene Polymers and Composites	1968
19700081055	Modular nuclear vehicle study. Phase 4 - Nuclear ground test module, its ground support equipment and NRDS facilities requirements. Study of modular nuclear vehicles, technology problems, safety systems, and shield optimization Final report	1968
19700081056	Modular nuclear vehicle study. Phase 4 - Multiple start pressurization. Study of modular vehicles, technology problems, safety systems, and shield optimization	1968
19700081057	Positive gaging system feasibility study Summary report, 15 May - 15 Nov. 1967	1968
19700081111	A reciprocal S-band high power p-i-n diode phase shifter Final report, 10 Jan. 1967 - 9 Dec. 1968	1968
19700081171	Engineers manual command service module electrical power system program HX001A. Project Apollo	1968
19700081173	Radar Attitude Sensing System /RASS/ Final report	1968
19700081201	Sterer Engineering and Manufacturing Company - The 4-way 2-position hydraulic, 3000 psi double solenoid valve, NASA part no. 75M08841-3, NASA control no. TR-3394-4	1968
19700081203	Production engineering measure for improved reliability of solid tantalum capacitors Quarterly report, 1 Jul. - 30 Dec. 1968	1968
19700081221	Flexionics Division of Calumet and Hecla, Incorporated, metal flexible hose assembly NASA part number 75M11938	1968
19700081223	Development of a zero gravity vacuum pump, phase 1	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081228	Pathon Manufacturing Corporation, hydraulic cylinder, NASA part number 75M12157, Rev. D NASA control number 3276-4	1968
19700081231	Test report, the Fredricks Company vacuum sensing element, NASA part number 75M05752- HVT-1, NASA control number 3397-4	1968
19700081233	Design aids and magnetic core properties utilized by the power conversion and control section	1968
19700081259	Test report, Accessory Products Company manual valve, NASA part number 75M51322A, NASA control number 3348-4	1968
19700081265	Thermal boundary resistance between metal single crystals and liquid helium Final report, Sep. 1967 - Oct. 1968	1968
19700081324	A systems management philosophy for case analysis with a study of the TFX	1968
19700081342	Forecast of semiconductor photodetectors /U/	1968
19700081382	Battlefield Illumination Airborne Subsystem AN/AVQ-6 /BIAS/ model number AN/AVQ-6 RC-1305. Volume 3 - Flight tests	1968
19700081383	Quadratic measures in frequency analysis Technical report, May 1967 - Jan. 1969	1968
19700081431	Electric fields at the surfaces of fine wires and sharp edges	1968
19700081442	M equals 1.7 of changes in bleed geometry on the performance of a side intake of the normal shock type. Part 2 - Bleeds in combination with steps	1968
19700081455	Laser range finder AN/VVS-1 M-60 tank laser range finder-engineering development model, Aberdeen Proving Ground, Maryland, 24 January and 3-6 May 1968. Laser hazards special study	1968
19700081459	RCA laser illuminator imaging device, Edgewood Arsenal, Maryland 21010, July - August 1968. Laser hazards special study	1968
19700081460	Rayleigh wave analysis of atmospheric explosions	1968
19700081465	Langley, Ames, Lewis, and Flight Research Center support of DOD VFAX/FX projects /U/ Progress report	1968
19700081466	F-111A flight research program /U/	1968
19700081467	Buffet studies /U/	1968
19700081468	Application to supercritical airfoil to variable-wing-sweep fighter airplanes /U/	1968
19700081469	Application of analytic techniques to supersonic fighter configurations /U/	1968
19700081470	Maneuverability studies /U/	1968
19700081471	External-store studies /U/	1968
19700081472	Facilities for simulation of differential maneuvering /U/	1968
19700081473	Inlet-drag studies /U/	1968
19700081474	Generalized inlet results /U/	1968
19700081475	Inlet-engine dynamics and controls studies /U/	1968
19700081476	Exhaust nozzles /U/	1968
19700081477	Exhaust-nozzle - Airframe integration /U/	1968
19700081478	Compressor stall margin and distortion tolerance research /U/	1968
19700081479	Engine dynamics /U/	1968
19700081498	Computer solutions of stress distribution at a hole due to stress coining and loads	1968
19700081516	Test report for Tescom pressure regulator Tescom Corporation, NASA part no. 76K00014-2-1	1968
19700081519	Sonic discharge of gas from a reservoir	1968
19700081546	Formation of organic polymers on inorganic templates	1968
19700081625	Positive gaging system feasibility study Final report, 15 May - 15 Nov. 1967	1968
19700081636	Preparation of fluoroelastomers for use with cryogenic storable propellants Final report, 1 Jun. 1966 - 31 Jan. 1968	1968
19700081782	Transactions of the Third Technical Workshop on Dynamic Stability Problems, volume 1	1968
19700081783	Hypersonic dynamic stability derivatives - A general approach	1968
19700081784	Calculated inviscid hypersonic dynamic stability of sharp cones and biconic bodies	1968
19700081785	Large amplitude oscillation of wedges in inviscid hypersonic flow	1968
19700081786	First and second order theories for supersonic and transonic flow past oscillating bodies of revolution	1968
19700081787	Summary of methods for predicting the dynamic stability characteristics of an elastic airplane	1968
19700081788	Approximate forms of the equations of motion for analyzing dynamic stability of large flexible airplanes	1968
19700081789	A computer program for calculating the stability characteristics of flexible aircraft	1968
19700081790	Use of a quadratic minimization routine in the study of aerodynamic data	1968
19700081791	Use of integral transforms in parameter estimation	1968
19700081792	Natural frequencies and mode shapes of the truncated conical shell with free edges	1968
19700081793	Effects of oscillatory mass addition on boundary layer pressures and vehicle stability	1968
19700081794	Effects of ablation on the dynamic stability of slender cones	1968
19700081795	Transactions of the Third Technical Workshop on Dynamic Stability Problems, volume 2	1968
19700081796	Instability of high-drag planetary entry vehicles at subsonic speeds	1968
19700081797	A new dynamic stability criterion for symmetric spinning missiles	1968
19700081798	Terminal dynamics of atmospheric entry capsules	1968
19700081799	Preliminary results of low subsonic dynamic stability tests of three blunted 55 deg half-angle cone configurations with various afterbodies	1968
19700081800	Some experimental relations between the static and dynamic-stability characteristics of sting-mounted cones with bulbous bases	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081801	Effect of bulbous bases on reentry vehicle dynamics	1968
19700081802	Dynamic support interference on bulbous- based configurations	1968
19700081803	The dynamic characteristics of autorotating configurations in subsonic and hypersonic flows	1968
19700081804	Some aerodynamic problems associated with large angle of attack motions of axisymmetric bodies	1968
19700081805	Angle-of-attack convergence and windward- meridian rotation rate of rolling reentry vehicles	1968
19700081806	A multiple time scaling analysis of reentry roll dynamics	1968
19700081807	Nonlinear aerodynamic characteristics of reentry configurations with aerodynamic and mass asymmetries	1968
19700081812	Analysis and simulation of the despun control system for a military communications satellite	1968
19700081926	The effect of adhesive properties on the properties of bonded structures of isotropic materials Final technical report, 29 Jun. 1967 - 1 Oct. 1968	1968
19700081935	Variable geometry intakes at supersonic speeds - Some techniques and some test results	1968
19700081977	College eye error detection and correction Technical report, Aug. - Nov. 1968	1968
19700082001	AN/ARQ-25 UHF Airborne Homer /AC-119G/ /U/ Final report	1968
19700082054	Transactions of the Third Technical Workshop on Dynamic Stability Problems, volume 3	1968
19700082055	The laminar hypersonic roll damping derivative of a blunt cone	1968
19700082056	Dynamic stability results for sharp and blunted 10 deg cones at hypersonic speeds	1968
19700082057	Aerodynamic data obtained using the wind tunnel free flight testing technique	1968
19700082058	The application of an automatic film reader to the wind tunnel free-flight technique	1968
19700082059	Transonic dynamic and static stability characteristics of blunt cones	1968
19700082060	Correlation of free-flight dynamic-stability data obtained in several different facilities	1968
19700082061	Free-flight dynamic stability measurements at Mach numbers from 6 to 16	1968
19700082062	Determination of static and dynamic aerodynamic characteristics of reentry vehicles from dynamic motion data	1968
19700082063	Preliminary results from a new wind-tunnel apparatus for studying coning and spinning motions of bodies of revolution	1968
19700082064	Analysis of a two axis on-off control system	1968
19700082065	Effect of metabolic inhibitors on glycolysis and osmotic instability of human erythrocytes	1968
19700082083	Evaluation of two-gas sensors and controls	1968
19700082098	Investigation of simulated lunar materials in the far infrared	1968
19700082157	Test results for the developmental Isotec/Transit thermoelectric generators GC01 and GC02 /U/	1968
19700082287	Experimental research in solid state physics by magnetic resonance methods Final report, 1 Jan. 1965 - 30 Apr. 1968	1968
19700082294	Propulsion study for small probes Final report	1968
19700082326	Absolute measurements of fission yields for uranium 235 and plutonium 239 in the Dounreay fast reactor	1968
19700082327	Fast breeder reactor development program - General research and development Progress report, 1 Jan. - 30 Jun. 1968	1968
19700082328	COMETHE 1 - A computer code for the mechanical and thermal analysis of fuel pins	1968
19700082357	Attitude control for passivation of S-4B stage	1968
19700082386	Influence of post-irradiation cooling time on fuel cycle of fast neutron reactor	1968
19700082413	Sodium technology development program - Thermal calculations for sodium-heated steam generators	1968
19700082414	Dynamic behavior of the ENEA-05 steam-cooled breeder reactor	1968
19700082417	Waste management for manned space operations, supplement Summary report	1968
19700082420	Fast neutron project Progress report, Jan. - Mar. 1968	1968
19700082421	Hydraulic hold-down of fast reactor assemblies	1968
19700082422	The use of Zr-2.5 weight percent Nb as fuel cladding in water cooled reactors	1968
19700082428	A non-linear digital model requiring short computation time for studies concerning the hydrodynamics of a BWR	1968
19700082430	A study of pool boiling with particular reference to the heater material and to ionizing radiation, part 1	1968
19700082437	An experimental investigation of the effects of quality and boundary layer pressure fluctuations on the vibrations of fuel rods in two-phase flow	1968
19700082441	An investigation of heat transfer in the liquid deficient regime	1968
19700082442	Numerical solution of space-dependent dynamic equations for fast breeders, using a variation principle	1968
19700082444	Testing of a shaft seal for a sodium pump	1968
19700082445	Failure Analysis of One Infrared Light Emitting Diode Manufactured by General Electric	1968
19700082451	The compatibility of austenitic stainless steels with mixed /U,Pu/ carbides	1968
19700082476	Coating studies on TSX graphite	1968
19700082507	The work sponsored by the sodium technology and the fuels and materials branches Annual progress report, 1 Jan. - 31 Dec. 1968	1968
19700082521	UHF radio set Interim engineering report, 1 Nov. 1967 - 31 Jan. 1968	1968
19700082545	Analysis of seismic peak amplitudes from underground nuclear explosions	1968
19700082574	Analysis on neutron focussing by conical tubes and its possible applications	1968
19700082585	Advanced systems studies bibliography /1960 - 1968/	1968
19700082597	Pathon Manufacturing Corporation, hydraulic cylinder, NASA part number 75M12157, NASA control number 3276-4	1968
19700082608	Stress analysis in coated fuel particles. Part 1 - Theory and examples	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082632	Static stability calculations for sodium heated steam generators	1968
19700082633	Study of steady-state temperature distribution in PEC reactor vessel walls	1968
19700082634	Fast breeder Project Karlsruhe Quarterly report, Apr. - Jun. 1968	1968
19700082635	Reactor structure stresses after a nuclear accident	1968
19700082636	Space kinetics methods for fast reactors	1968
19700082689	TNO sodium technology development program Annual report, Jan. - Dec. 1968	1968
19700082690	The calculation of the results of a sodium-water reaction having regard to the compressibility of sodium	1968
19700082691	Code for computing temperatures and stresses in cylindrical and slab structures under transient conditions by the finite difference method	1968
19700082763	Failure Analysis of Two Teledyne Precision, Incorporated 421-3051 Relays	1968
19700082764	Evaluation of strengths of RL07 resistor substrates	1968
19700082765	Failure analysis of 2N1518 transistors manufactured by Electronic Transistor Corporation	1968
19700082850	Study of absorption and radiative coupling in hypervelocity flows	1968
19700083003	Fast neutrons project Quarterly report, 1968	1968
19700083005	Code for computing the fuel element support structure of a nuclear reactor	1968
19700083046	A review of the work in the United Kingdom on the Fatigue of Aircraft Structures during the period, May 1965 - April 1967	1968
19700083054	Defects in ionic crystals	1968
19700083055	Fast breeder Project Karlsruhe Quarterly report, 1968	1968
19700083058	Sodium technology development program. Design book for a 240 MWth sodium-sodium heat exchanger	1968
19700083069	An account of renewal theory, with illustrations of its application to reliability and safety assessment	1968
19700083070	Fast breeder Project Karlsruhe Quarterly report	1968
19700083071	Development of a laser rotational sensor. Part 2 - Operating instructions and circuit diagrams Final report, 15 Jun. 1967 - 1 Mar. 1968	1968
19700083097	The safety assessment of a high-voltage installation using reliability data	1968
19700083455	Observations on a water spray system fitted at the rear of a Canberra aircraft	1968
19700083460	The Cardington balloon wheel fitted to a Landrover	1968
19700083670	Induced tensile loads in helicopter underslung load carrying strops	1968
19700083738	Seismic array studies Quarterly technical report, 12 May - 12 Aug. 1969	1968
19700083898	Experimental measurement of the ground effect upon a series of eight slender wings	1968
19700083899	Visual search theory with particular reference to air-to-ground vision	1968
19700083900	Techniques for the aerodynamic testing of V/STOL models	1968
19700083901	Stalling and Other Limiting Flight Conditions Associated with High Angles of Incidence	1968
19700083904	Some recent work on compressible turbulent boundary layers and excrescence drag	1968
19700083906	Measurements of section pressure distribution at a Mach number of 2.0 on a wing of 70 degrees sweep mounted on a waisted body	1968
19700083937	Phased array antenna comparison studies, phase 2 - Milestone report Technical report, 15 Oct. - 14 Dec. 1968	1968
19700083948	Boundary layer effects in an idealized wing-body junction at low speed	1968
19700083953	Light emission from shock-heated carbon disulfide argon mixtures	1968
19700083967	A high-pressure, regeneratively cooled thrust chamber. Volume 2 - Design and manufacturing report /U/ Final report, Mar. 1967 - Jul. 1968	1968
19700084009	AVR experimental nuclear power plant informal report Quarterly report, 1 Oct. - 31 Dec. 1968	1968
19700084013	Fast breeder Project Karlsruhe Quarterly report, Jan. - Mar. 1968	1968
19700084014	AVR experimental nuclear power plant Annual informal report, 1968	1968
19700084254	The effects of curvature on the turbulent boundary layer	1968
19700084264	Summary of test procedures to assess the performance of echo-suppressors, appendix	1968
19700084265	Experiments using the Comsat prototype time-division PCM equipment to provide multiple-access to communication satellites	1968
19700084278	Chem-ionization in low pressure hydrocarbon flames /U/	1968
19700084320	C-141-A category 3 all weather landing system. Volume 1 - Results of flight testing	1968
19700084432	Fast reactor newsletter	1968
19700084448	Attitude determination of a spin stabilized spacecraft	1968
19700084459	Study of a directional-mean-free-path method for gas flow in translational nonequilibrium	1968
19700084462	A computer programme for a generalized equation of state	1968
19700084529	The thermodynamic properties of Na, Al ₂ O ₂ , Mo, and UO ₂ above 2000 K	1968
19700084549	Pretest analytical study of velocity and turbulence measurement in a supersonic cold flow jet using the laser velocimeter	1968
19700084569	Fast Reactor Newsletter, March 1968	1968
19700084666	Procedures and requirements for the flammability and offgassing evaluation of manned spacecraft nonmetallic materials	1968
19700084826	Band O modification to AN/GRC-103/V/ radio relay set Final report, 1 Jan. 1967 - 18 Nov. 1968	1968
19700084902	The effect of the shape of the material stress/strain curve on the redistribution of stresses in rotating discs	1968
19700085141	Project Fog Drops. Evaluation of the effect of an ammonium nitrate-urea-water solution on dense laboratory fog Progress report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085212	Light-scattering tables. Volume 2 - Tables of scattering matrices and scattered-field components, foreword and introduction	1968
19700085523	Analysis of the CPL system, part 1	1968
19700085549	Design and specifications of the UO ₂ /PuO ₂ fuel rod irradiation experiment Mol 8C in BR-2	1968
19700085559	Experiments in X-band lunar communications	1968
19700085788	Use of the equivalent stress theory for the prediction of rotor burst speed	1968
19700085797	Basic factors in the formation and stability of non-soap greases for high temperature applications Technical report, 1 Mar. 1967 - 29 Feb. 1968	1968
19700086095	Communications Simulation program /COMSIM/ HV008C	1968
19700086310	Program on the potentials of the national meteorological service for meteorological assistance to civil defense in Italy, and for the development of research and studies of dynamic meteorology and climatology for the Mediterranean region	1968
19700087422	Nimbus-B high data rate storage system /prototype and flight models F-1 - F-3/ Final report, 6 Jun. 1966 - 21 Feb. 1968	1968
19700087425	Nimbus B flight activation plan	1968
19700087628	The use of radiosonde records to examine the occurrence and properties of lee waves in the troposphere and lower stratosphere	1968
19700087632	NIMBUS B performance manual	1968
19700087649	Nimbus B, launch readiness report	1968
19700087732	Nuclear ground test module radiation environment calculations Final report	1968
19700087981	Nimbus Parts Information System	1968
19700088297	Analytical and experimental development program for inflatable solar shields Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19700088299	Thermal and structural modeling of a large aperture space telescope Technical summary report, 22 Jun. - 22 Sep. 1968	1968
19700088304	High-resolution television cameras for the LMS visual system - State-of-the-art report	1968
19700088603	Development of simple equations for accurate and more realistic calculation of the speed of sound in sea water	1968
19700088604	The sub-bottom structure of the Gulf of La Spezia	1968
19700088605	Optimum theoretical structures of sonar systems employing spatially-distributed receiving elements	1968
19700088607	A study of internal waves in the Strait of Gibraltar during October to November 1967	1968
19700088616	Effect of rain on underwater noise level	1968
19700088617	Meteorological data of the Miloc-Baltic 1967 cruise	1968
19700088697	Research and development, intrinsic reliability, subminiature ceramic capacitors Interim progress report, 1 Aug. 1967 - 31 Jan. 1968	1968
19700088698	Research on rapid reversal color processing Final report, Jan. 1967 - Jan. 1968	1968
19700088701	Improvements in pulse echo system time interval measurements Quarterly progress letter	1968
19700088706	Manned flight support network study program Quarterly progress report, 1 Jan. - 31 Mar. 1968	1968
19700088709	Acquisition and Tracking Laser Communications System	1968
19700088710	Experimental program for mean flow and shadowgraph investigation of hot supersonic air and helium jets	1968
19700088715	VHF modulation and detection studies Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19700088717	Saturn 5/AS-504 Final Predicted Operational Mass Characteristics, Depletion Cutoff /Mission D/	1968
19700088721	Microwave synthesis techniques Annual report, 1 Oct. - 30 Jun. 1967	1968
19700088722	Applied research in electronic warfare techniques Quarterly progress report, 1 Apr. - 30 Jun. 1968	1968
19700088723	List processing research techniques Quarterly report, 15 Mar. - 14 May 1968	1968
19700088729	Scientific experiment test results - Evaluation of LASA beam precision	1968
19700088731	The development of quality standards for bipolar LSI Quarterly report, 15 Apr. - 15 Jul. 1968	1968
19700088732	Investigation of fiber-reinforced metal matrix composites using a high energy-rate forming method Progress report, 1 Oct. - 31 Dec. 1967	1968
19700088733	Spectral emissivity measurements of ablating phenolic graphite	1968
19700088734	Memory-oriented processor study Progress report, Mar. 1967 - Mar. 1968	1968
19700088735	Demodulation of pulse-position-modulated telemetry signals	1968
19700088736	Tilttable, rotating vertical loop antenna assembly Annual report, 1 Nov. - 1 May 1968	1968
19700088737	Water-shock wave reflection properties of various bottom materials. Report 3 - Reflection properties of a concrete bottom Technical report	1968
19700088739	A user's guide and programmer's manual for NASAP	1968
19700088740	The James Franck Institute Quarterly report	1968
19700088741	Analysis of errors in the reduction of interferometric data	1968
19700088742	RF defocusing of a self-focused beam in a beam-generated plasma	1968
19700088743	Mechanical characteristics of fluid-ejecting models	1968
19700088748	Internal voltages and currents in a complex cable. Volume 1 - Theory and experiment	1968
19700088756	Glossary of Polish-English meteorological terms	1968
19700088757	Infrared study of the lattice vibration of organic molecular crystals Summary technical report, Dec. 1966 - Nov. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088761	Investigations of soil penetrating radar with emphasis on short pulse mine target responses and the development of system components - Part B - Development of system components Final technical report, Jun. 1967 - Mar. 1968	1968
19700088762	Item test plan computer program for CEI no. MOL801A. Cite diagnostic and operational readiness programs. CDRL item no. B038. Data item no. UT-413	1968
19700088763	Description of retrograde time predict and orbit navigation simulation program KAK2 Gemini B	1968
19700088766	Nondestructive inspection techniques for aircraft tires Final technical report, 5 May 1964 - 7 Aug. 1967	1968
19700088768	Integral-equation formulations for stationary magnetic field	1968
19700088770	Immersion testing of teflon bundles Final report	1968
19700088771	MOL zero G development test report. DAC line item 1 AJ32. Sequence number B300	1968
19700088778	Apollo dual passage umbilical hose assemblies	1968
19700088789	Bibliography of open and unclassified literature pertaining to the effects of high altitude nuclear explosions - Part 3 Final report	1968
19700088790	A feasibility experiment for aerothermodynamic ground testing	1968
19700088793	High energy density capacitors Semiannual report, 1 Jan. - 30 Jun. 1968	1968
19700088794	Development of an HY-180/210 weldment Progress report	1968
19700088795	DF interferometer for the 2 to 10-MHz range Quarterly report, 15 Sep. - 15 Dec. 1967	1968
19700088798	Gemini B re-entry module/adaptor attachment fairing aerodynamic heating and pressure tests in the McDonnell hypervelocity impulse tunnel, series 1, volume 2	1968
19700088799	Gemini B re-entry module/adaptor attachment fairing aerodynamic heating and pressure tests in the McDonnell hypervelocity impulse tunnel, series 1, volume 1	1968
19700088800	MOL rigid body fluctuating pressure test /1AL2/. Volume 1 - Sequence number B325. MOL data item UT-133 Final report	1968
19700088808	Aircraft engine noise reduction materials vendor information	1968
19700088811	Preproduction test report Tavco P/N 23711676-2 reservoir sphere, 185 IN3	1968
19700088814	A noise subtractive threshold detector	1968
19700088815	Threshold extension in FM receivers	1968
19700088816	Seamless metal bellows for long term storage	1968
19700088817	The 7 in. inline vent and relief valves	1968
19700088821	Operation and service manual for computer EFC test console 52E270023. Volume 3, part 1	1968
19700088822	Operation and service manual for computer EFC test console 52E270023. Volume 3, part 2, section 4 - List of subassemblies and diagrams	1968
19700088827	Qualification test on wave-guide shutter	1968
19700088829	Socket, dual-in-line, 14 lead	1968
19700088830	Evaluation of electron tube, machlett EE-66Y per GE/AED drawing 7528272	1968
19700088832	Methods of improving human performance in quality systems	1968
19700088833	Deformation - A way to measure surface finish	1968
19700088834	Operation and service manual for nitrogen and helium pressurization units 52E420013, 52E420014	1968
19700088854	Hewlett-Packard dual type 60155C power supply evaluation	1968
19700088855	Preproduction test report ESED part no. 70-0087	1968
19700088858	Secondary, liquid hydrogen, vent valve	1968
19700088861	Partial qualification inspection per MIL-C-20 on capacitors, fixed, ceramic, T. C., dipped, lead mounted, MIL-general	1968
19700088866	Lox compatibility and air flammability of J-2 engine insulation	1968
19700088873	Operation and service manual for computer EFC test console 52E270023, volume 2	1968
19700088875	Operation and service manual for PCM telemetry ground station 52E440011	1968
19700088878	Evaluation tests on brake, electrical, type no. B-6-2	1968
19700088879	Qualification of rotary switch	1968
19700088880	Qualification of Aladdin pulse transformer 7736981 P1	1968
19700088882	Marine geophysical survey program 1965 - 1967, western North Atlantic and eastern and central north Pacific Oceans. Area 6, volume 5 - Bathymetry and subbottom profiling Final report	1968
19700088887	On the probability of mission completion of multiple vehicle systems Technical report	1968
19700088892	The design and test of two space radiator configurations. Volume 1 - Structural design and tests	1968
19700088894	Sixty G's vibration qualification of fixed capacitor	1968
19700088902	Preconditioning of filter, low pass for use in wooden round missile Final report	1968
19700088908	Report of tests for qualification of transistors	1968
19700088909	Evaluation of kinelologic model SL tape recorder	1968
19700088910	MOL fluid dynamics test pretest report. MOL protuberance heating wind tunnel model. Sequence number B334. Data item number UT-135	1968
19700088923	Evaluation test on relay type 4 SLP-126	1968
19700088934	MOL ground test plan development test plan. Sequence number B285. MOL data item number UT-101	1968
19700088935	Operation and service manual for spacecraft transportation trailers 52E010016	1968
19700088936	Current rating of 24 gauge high strength alloy wire Final report	1968
19700088939	Item test plan age test support programs. CEI no. MOL805A. CDRL item TBD-T086. Data item no. UT-467	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088942	Micro-switch, type IMKI, SP2T, industrial water system, complex 39B	1968
19700088952	Computer technique for estimating system reliability	1968
19700088958	Qualification test report for battery, storage BB-653/DRW-34 Final report, Nov. 1967 - Jun. 1968	1968
19700088970	Parameters influencing the airblast environment induced by high explosives, volume 2	1968
19700088983	Apollo antenna servo motors	1968
19700088984	Design appraisal report on OECO transformer, part no. 9551	1968
19700088985	Stray Energy Electrical Indicator /SEEI/	1968
19700088986	Apollo dual passage umbilical hose assemblies	1968
19700088990	Stray energy electrical indicator	1968
19700088994	Exploding bridgewire detonator, failure analysis report, MDAC-WD SCN-7865742-1	1968
19700088997	Apollo inflatable bag packs Qualification test report	1968
19700088998	Systems analysis and long range technological planning	1968
19700089003	Evaluation of heat shrink tubing and zipper tubing for use in wooden round missile Final report	1968
19700089004	Acceptance standards for aluminum fusion and fusion repair welds	1968
19700089006	Simultaneous weather characteristics in six selected cities in the United States Final report	1968
19700089007	Least squares analysis of annual earth temperature cycles for selected stations in the contiguous United States Final report	1968
19700089009	Magneto-sonic techniques for BORAM Final report	1968
19700089018	Operation and service manual for C and S beacon EFC test bench 52E190003	1968
19700089020	Qualification testing of transistors	1968
19700089021	A plane strain shear device for testing clays, phase 10	1968
19700089022	Model ZEL-1A for differential operational amplifier	1968
19700089023	Model 3062/15 for differential operational amplifier	1968
19700089024	Model 3071/25 for operational amplifier	1968
19700089025	Model ADO-24 for differential operational amplifier	1968
19700089029	Qualification testing of transistors	1968
19700089032	Qualification of reactor for Hawk FME	1968
19700089033	Gyroscope torquing amplifier	1968
19700089036	Transistor, PNP, germanium, switching	1968
19700089037	Qualification of cable, special purpose, electrical for use in Hawk Gse Final report	1968
19700089038	Capacitor, fixed, metalized, paper	1968
19700089039	Qualification of transformer, audio frequency Final report	1968
19700089042	Screening of Gulton feed thru filter Final report	1968
19700089043	Silicon integrated circuits for portable radar equipment Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19700089047	Effect and control of chatter vibrations in machine tool processes Scientific report, 1 Mar. - 31 May 1968	1968
19700089048	Apollo dual passage umbilical hose assembly Qualification test report	1968
19700089050	Quality evaluation of the AMP automatic 'termi point' wiring process	1968
19700089051	The 6d G's vibration qualification test	1968
19700089052	Bibliography on beryllium	1968
19700089054	Qualification of pulse transformer for use in HPI Final report	1968
19700089055	Qualification testing of differential comparators	1968
19700089064	Evaluation of high voltage mica paper capacitor	1968
19700089068	Report of tests for qualification of transistors	1968
19700089077	Electromagnetic interference tests	1968
19700089081	Vaccodome loading regulator, NASA P/N 65B23310-15 - Low output pressure	1968
19700089082	Premodulation processor	1968
19700089083	Maintainability on the lunar excursion module	1968
19700089084	Suspension system loads and design verification test results Apollo uprighting bags	1968
19700089085	Acceptance and screening of microelectronics circuits, linear dif. el. /AS/, glass FP	1968
19700089099	Extravehicular crew transfer test report, March 1968 /U/	1968
19700089100	Gemini B - Mass properties operational support plan for orbital phase /U/	1968
19700089101	Gemini B - Mass properties report 3.2, verification plan /U/	1968
19700089102	Gemini B - Inertial platform vibration qualification test report /U/	1968
19700089106	Gemini B task sequence profile /U/	1968
19700089119	Reactor fixed inductance requalification	1968
19700089120	Instrumentation development, minimum-shift - Keying phase - Sampling converter Final technical report	1968
19700089122	Reliability design analysis for space systems	1968
19700089123	Qualification of connector, electrical for use in wooden round missile Final report	1968
19700089124	Qualification test report for regulator, voltage RGK-13/A37G-7 Final report, Nov. 1967 - Jun. 1968	1968
19700089128	Engineering evaluation and life test studies on Babcock 10 ampere latching relay type BR20 AX-G5-VI	1968
19700089129	Giannini pressure transducer, NASA P/N 75M51751-8 - Incorrect output	1968
19700089133	High current relay tester	1968
19700089134	Achieving design reliability through failure analysis	1968
19700089135	Strength factors for flight vehicles	1968
19700089136	Qualification report for filter, per BuWeps drawing 2455632	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089137	Wire wrap bit evaluation	1968
19700089138	Qualification of transformer, power, step-down for use in FME/IH Final report	1968
19700089140	Lot acceptance test results - Quality and reliability assurance	1968
19700089141	Evaluation of Motorola plastic /Surmetic/ rectifier package for SAS-A flight applications	1968
19700089144	Qualification of electrical connectors for use in power interconnecting group of SP Hawk Final report	1968
19700089145	Evaluation of connector, electrical, male, for use in SAM-D Final report	1968
19700089149	Curved panel frequency analysis with elastic boundaries	1968
19700089150	Preliminary vibration analysis of an interconnected engine-shaft system	1968
19700089156	Fundamentals of ultrasonic weld inspection	1968
19700089157	Failure analysis report on integrated circuits	1968
19700089159	Application of holographic techniques	1968
19700089168	Cartridge assembly, detonator	1968
19700089173	Reliability of a redundant system with two failure modes	1968
19700089175	Qualification report for transformer per NAVORD drawing 2840263	1968
19700089177	Dynage, Incorporated, dual output model K15/15-0.150/0.150	1968
19700089178	Tin analysis by atomic absorption spectroscopy	1968
19700089180	Chatter behavior of heavy machine tools Final report, 1 Jan. 1966 - 31 Mar. 1968	1968
19700089181	Digital ranging generator	1968
19700089183	Multiband aircraft communications antennas Interim report, 1 Jul. - 31 Dec. 1967	1968
19700089184	Creep and creep-rupture properties of HY-80 and HY-130/T/ steels	1968
19700089191	Redundancy vs maintainability some conclusions on the crossover for manned missions	1968
19700089193	Qualification report for transformer per BuWeps drawing 2459475	1968
19700089194	Acceptance and screening of microelectronics circuits, flip-flop dif. el. /AS/, glass FP	1968
19700089201	Qualification report for diode per BuWeps drawing 1821036	1968
19700089206	Time interval counter	1968
19700089207	Qualification of transformer, power step-down and step-up for use in FME Interim report	1968
19700089208	SSB and VHF crystal filters Final report, 15 Apr. 1965 - 15 Jun. 1968	1968
19700089209	Investigation of mass spectra of hydrogen cluster ions with a momentum analyzer of the magnetic sector type	1968
19700089210	Diagnostics of laboratory. Simulated reentry objects using a high-gain time-resolving spectrograph	1968
19700089211	Evaluation of semiconductor diodes Final report	1968
19700089212	Vibration test	1968
19700089224	Report of tests on NPN transistors	1968
19700089225	Bibliography on molybdenum	1968
19700089226	Qualification report for capacitor per NAVORD drawing 2840975	1968
19700089228	Tilttable, rotating vertical loop DF system Quarterly report, 23 Jun. - 23 Sep. 1968	1968
19700089234	GEOS-2 solar array performance	1968
19700089235	Acceptance and screening of microelectronics circuits	1968
19700089238	Antelope program, dual NPN transistor SCD 2479693	1968
19700089239	A study of hot-wire GTA welding process variables Technical report	1968
19700089240	The 300C rotating rectifier alternator. Phase 2 - Design, fabrication, and test of alternator Interim technical report, 15 Nov. 1967 - 15 Nov. 1968	1968
19700089242	Design and simulation of a CAM-controlled associative processor	1968
19700089243	Fabrication and preliminary testing of 10-Ni-Cr-Mo-Co steel explosion-deformation test specimens	1968
19700089244	Wind tunnel tests of a Rotor-Wing VTOL aircraft model. Part 1 - Original tail position	1968
19700089245	Thermionic electric applications /electric propulsion/	1968
19700089246	Microstructures in HY-130/T/ steel plates	1968
19700089256	A study of low-cost weldments in pressure vessels made of HY-150 steel plates	1968
19700089258	SAS-A power system	1968
19700089267	Production test report eesed P/N 70-0085	1968
19700089281	Information Bulletin number 19, June 1966	1968
19700089292	Surveillance testing of aged linear explosive	1968
19700089293	Effect of grinding damage on fatigue strength of high strength steels 260/280 KSI	1968
19700089321	Effect and control of chatter vibration in machine tool processes Quarterly technical report, 1 Nov. 1967 - 31 Jan. 1968	1968
19700089323	Experimental program to determine the thermodynamic properties of solutions of liquefied light gases Quarterly progress report, 15 Oct. 1967 - 15 Jan. 1968	1968
19700089324	Studies and investigations leading to the design of a radio direction finder system for the MF-HF-VHF range Quarterly report, 1 Oct. 1967 - 31 Jan. 1968	1968
19700089325	Modified WOL specimen for KIscc environmental testing Technical report	1968
19700089328	Study of degradation of thermal control coating materials Quarterly progress report, Mar. 1968	1968
19700089329	Investigation of fiber-reinforced metal matrix composites using a high energy-rate forming method Progress report, 1 Oct. - 31 Dec. 1967	1968
19700089330	Integrated-memory technique study Progress report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089331	HF airborne and ground-based high-power directional antennas Quarterly report, 22 Oct. 1967 - 30 Jan. 1968	1968
19700089332	Azimuth and elevation direction finder techniques Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19700089340	Megawatt solar array study Bimonthly report	1968
19700089353	Silicon surface passivation for devices Quarterly status report	1968
19700089369	Study of minimum pressure loss in high velocity duct systems Quarterly report	1968
19700089408	Conformal/planar array sonar system - Compensation and stabilization computer status report /U/	1968
19700089421	Conformal/planar array sonar project. Conformal/planar array sonar program /U/ Technical memorandum, Jan. 1965 - Apr. 1968	1968
19700089456	Study of the combined effects of space environmental parameters on space vehicle materials Quarterly progress report, 1 Feb. - 30 Nov. 1968	1968
19700089457	Processing, application, and evaluation of sealants for fuel tanks in advanced space structures Semiannual progress report, 1 Jul. - 31 Dec. 1968	1968
19700089459	Experimenter planning document for proposed Pioneer F/G missions	1968
19700089486	Management of AMC data banks Final report	1968
19700089488	Edwards Flight Test Range 1967	1968
19700089489	Radar cross section handbook. Supplement, part 1 - Theoretical techniques for diffraction bodies	1968
19700089492	Pulse-code modulation for high-quality sound signal distribution - Coding and decoding	1968
19700089493	Pulse-code modulation for high-quality sound signal distribution - Instantaneous compandors using diodes as non-linear elements	1968
19700089494	Biomedical applications of NASA science and technology Quarterly progress report, 15 Sep. - 14 Dec. 1968	1968
19700089505	AAP/LM - An interface identification summary	1968
19700089515	High temperature lubricant screening tests Monthly progress report, 4 Nov. - 1 Dec. 1968	1968
19700089516	Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19700089517	Quarterly progress report, 1 Oct. - 31 Dec. 1968	1968
19700089522	Man/system integration specialized analysis National Aeronautics and Space Administration Quarterly progress report, period ending 31 Dec. 1968	1968
19700089523	Systems engineering division Technical summary, Oct. 1967 - Mar. 1968	1968
19700089542	The role of man in space operations management	1968
19700089546	Category 2 - Evaluation of an F-111A aircraft in the climatic laboratory and tropical, arctic, and desert environments. Volume 2 - Tabulated test data	1968
19700089548	Applied research in electronic warfare techniques Quarterly progress report, Apr. 1968	1968
19700089549	Tantalum system evaluation Interim technical report, 1 May - 1 Aug. 1968	1968
19700089556	Proceedings of the Thirteenth Conference on the Design of Experiments in Army Research, Development and Testing	1968
19700089557	Regression analysis in the computer age	1968
19700089558	Some comments on matching	1968
19700089559	On methods of optimization of a multiobjective survey	1968
19700089560	Components of variance of a linear function in repeated trials	1968
19700089561	A model for obtaining the operating characteristics of a Skip lot sampling procedure	1968
19700089562	A model for determining quality incentive payoffs for procurement	1968
19700089563	Optimum sampling plans for grading binomial population	1968
19700089564	The ABBA sequence - A procedure for comparison testing	1968
19700089565	On expected probabilities of misclassification in discriminant analysis, necessary sample size, and a relation with the multiple correlation coefficient	1968
19700089566	Intra-profile variance /intra-individual variance/	1968
19700089567	A statistical test of two hypothetical reliability growth curves of the logistic form in the discrete case	1968
19700089568	On fitting of the Weibull distribution with non-zero location parameter and some applications	1968
19700089569	Determination of TBO by Weibull distribution using repairable components	1968
19700089570	A technique for interpreting high order interactions	1968
19700089571	A simplified method for finding optimum experimental designs	1968
19700089572	A definitive calibration of an aerial camera in its operating environment	1968
19700089573	Design and analysis of a statistical experiment on high-voltage breakdown in vacuum	1968
19700089574	Improving binomial reliability estimates - A moderately distribution free technique for small sample reliability estimation	1968
19700089575	The development of a probabilistic model for acoustic sound ranging	1968
19700089576	On experiments concerned with the sampling distribution of Lanchester's parameter	1968
19700089577	Estimates of P/Y less than X/ and their application to reliability problems for both continuous and quantal response data	1968
19700089578	Numbers needed for detecting important differences for count data	1968
19700089579	On a statistically consistent estimate of an average response function	1968
19700089580	Designs of experiments as telescoping sequences of blocks	1968
19700089581	On a class of nonparametric tests for interactions in factorial experiments	1968
19700089582	On the sub p rank of the design matrix of a difference set	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089583	Some statistical methods in machine intelligence research	1968
19700089584	Physiological changes in the cardiopulmonary system by ascending to high altitudes. Part 1 - Pulmonary circulation during high altitude pulmonary edema. Part 2 - Cardiopulmonary response and muscular exercise capacity at low altitude level Annual report	1968
19700089585	Missile information	1968
19700089586	UH-2C helicopter with stub-wing installation for external stores Final report	1968
19700089587	Qualification test on tin oxide resistors	1968
19700089588	Report of tests on photodiodes	1968
19700089599	Geodesy	1968
19700089611	Hypercharge conjugation symmetry and SU/4/ - Neutral kaon yields two pion without CP violation /ques/	1968
19700089616	Compositional variations in individual tektites	1968
19700089617	Count/shift register uses fewer parts, less power	1968
19700089618	Category 2 - Evaluation of an F-111A aircraft in the climatic laboratory and tropical, arctic, and desert environments Volume 1 - Test results	1968
19700089619	Mechanical properties, including fracture toughness and fatigue, corrosion characteristics and fatigue-crack propagation rates of stress-relieved aluminum alloy hand forgings Technical report, 15 May - 15 Aug. 1968	1968
19700089620	Statistical theory of dissociation and recombination for moderately complex molecules Research report	1968
19700089622	A theoretical study of hypersonic sphere wakes in air and comparisons with experiments. Part 2 - Chemical kinetics	1968
19700089640	Multiplier channel plates /U/ Interim reports, 1 Oct. 1966 - 30 Apr. 1968	1968
19700089642	Drag of spheres and slender cones in rarefied hypervelocity flow /U/ Final report, 15 Sep. 1966 - 19 Jan. 1968	1968
19700089644	Electronic structure of metallic alloys Quarterly status report, 1 Aug. - 30 Nov. 1968	1968
19700089646	Air drop sensor unit for Portable Automatic Weather Observation Station /PAWOS/ Final report, Jul. 1967 - Jul. 1968	1968
19700089647	Time and frequency domain coding techniques Final report, 1 Nov. 1967 - 30 Sep. 1968	1968
19700089648	DF interferometer for the 2 to 10 MHz range Quarterly report, 30 Jun. - 30 Sep. 1967	1968
19700089649	Approximate modeling of reacting wake turbulence	1968
19700089650	Extended investigation of HY-130/150 weldments Progress report, 1 Jan. - 31 Jul. 1968	1968
19700089651	Sensors from space	1968
19700089656	Conformal/planar array sonar program. Array and transducer, transducer design trends Technical memorandum, Mar. - Sep. 1967	1968
19700089657	Analysis, summary, and commentary on the TRG design plan for an Instrument Formation Flight System for Helicopters /IFFSH/	1968
19700089659	Conformal/planar array sonar project. Transducer head flexure studies Final report	1968
19700089660	Acceptance test of flat pack DTL integrated circuits AIL part number 332510-1 Signetics type SE180J supplied by Signetics	1968
19700089664	Qualification data for BU WEPS P/N1563053	1968
19700089671	Mallard routing and network control simulation, supplement	1968
19700089672	Development of a Ni-Cr-No-V experimental HY-110 steel	1968
19700089673	Control Organization Methods And Techniques Study /COMATS/. A study of design philosophy and implementation for the control of tactical digital switching centrals in the future field army Final report	1968
19700089674	A theoretical study of the application of electronic masking to television	1968
19700089675	A theoretical study of hypersonic sphere wakes in air and comparisons with experiments. Part 1 - Turbulent diffusion	1968
19700089676	Fracture-toughness requirements for steels	1968
19700089677	Development and evaluation of an improved 10 Ni-Cr-Mo-Co filler metal	1968
19700089683	The study of hydrocarbon fuel vapor phase deposits Quarterly progress report, 16 May - 16 Aug. 1968	1968
19700089685	Acceptance test of flat package DTL integrated circuits, AIL part number 332508-1 Signetics type SE156J supplied by Signetics	1968
19700089689	Bibliography on niobium	1968
19700089690	Bibliography on titanium	1968
19700089692	Effect of plane-strain sensitivity on the Charpy toughness of structural steels	1968
19700089693	Development of an HY-110 weldment Progress report, 1 Jan. - 30 Jun. 1968	1968
19700089694	Beryllium wire metal matrix composites program Quarterly report, 1 Dec. 1967 - 29 Feb. 1968	1968
19700089701	Marine geophysical survey program 1965-1967. Western North Pacific Ocean and South China Sea. Area ST, volume 2 - Summary report of geophysical information Final report	1968
19700089702	Aircraft dynamics and automatic control	1968
19700089703	Polymerization studies leading to high-strength, chemical-resistant elastomers serviceable at temperature extremes Technical report	1968
19700089705	Experimental equipment for converting television signals into digital signals and vice versa	1968
19700089706	Stability characterization of refractory materials under high velocity atmospheric flight conditions Interim engineering progress report	1968
19700089716	Heat transfer characteristics of laminated porous materials, phase 1 Interim technical report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089719	Investigation of long-range intercept and analysis techniques Quarterly report	1968
19700089720	Study to determine the feasibility of placing a medium aperture multi-element HF direction finder on board ship Final report, 10 May 1967 - 10 Feb. 1968	1968
19700089721	Conformal/planar array sonar project. Signal processing ESS signal preprocessor breadboard Technical memorandum, Aug. 1967 - Jan. 1968	1968
19700089722	The present status of chemical research in atmosphere purification and control on nuclear-powered submarines Annual progress report	1968
19700089723	The present status of chemical research in atmosphere purification and control on nuclear-powered submarines - Summary of progress	1968
19700089724	A method for the detection of strong-acid vapors in submarine atmospheres, chapter 1	1968
19700089725	Gas chromatographic-mass spectrometric analysis, chapter 2	1968
19700089726	The NRL total hydrocarbon analyzer, chapter 3	1968
19700089727	Nuclear-magnetic-resonance determination of organic loading on carbons, chapter 4	1968
19700089728	Carbon dioxide absorption properties of some new amines, chapter 5	1968
19700089729	The oxygen-candle salt filter, chapter 6	1968
19700089730	Hopcalite-catalyzed combustion of atmospheric contaminants at low concentration, chapter 7	1968
19700089764	Stress coining applications	1968
19700089765	The SA1606-A pulse signal processor	1968
19700089766	An experimental investigation of the interference effects due to a lateral jet issuing from a body of revolution over the Mach number range of 0.8 to 4.5	1968
19700089767	Validation of a digital computer program for use in predicting the vulnerability of missile systems exposed to high level electromagnetic fields	1968
19700089768	Interaction of binary tropical cyclones of the western North Pacific Ocean	1968
19700089770	The European launcher development organization - A study of the effects of underlying events on the course of an organization	1968
19700089771	Numerical weather prediction	1968
19700089773	Current information on lubrication and fuel technology Surveys of foreign scientific and technical literature	1968
19700089775	Resettable memory device compatible with MOS integrated circuitry Final report	1968
19700089777	Mechanical properties of some ultra-refractory materials at high temperatures	1968
19700089780	Support facilities and equipment for aircraft, missiles and space systems Surveys of foreign scientific and technical literature	1968
19700089781	Current information on lubrication and fuel technology, recent Soviet research on the formation of particulate contaminants, sediments, and deposits in jet fuels Surveys of foreign scientific and technical literature	1968
19700089806	Digital spectral analysis	1968
19700089811	An atomic approach to fracture of polymers	1968
19700089832	Integrated pin diode phase shifter networks Summary technical report, 1 Jun. 1967 - 1 Jun. 1968	1968
19700089833	Analysis of a two-surfaced angle sensing light detector	1968
19700089834	Production engineering measure for improved reliability of solid tantalum capacitors Quarterly report, 1 Apr. - 30 Jun. 1968	1968
19700089841	Laser rangefinder XE-8 US Army Artillery Board, Fort Sill, Oklahoma 73503, 18-19 April and 7-9 May 1968	1968
19700089845	Laser geodimeter, US Coast and Geodetic Survey /C/GS/, 13 and 20 June 1968	1968
19700089847	Laser training device 3A102B, August - November 1967	1968
19700089849	Acceleration of acclimatization to work at high altitudes Final report	1968
19700089852	Laser hazards special study no. 42-027-69. PDSI night vision illuminator, US Army Night Vision Laboratory USANVL, Fort Belvoir, Virginia 22060, 4 September 1968	1968
19700089856	Study of the Effects of Space Vehicle Vibrations on Chromosomes and Other Cellular Structures Quarterly Status Report, 1 Sep. - 30 Nov. 1968	1968
19700089866	The present status of chemical research in atmosphere purification and control on nuclear-powered submarines Annual progress report	1968
19700089889	Properties of ribosephosphate isomerase from Thiobacillus thioparus	1968
19700089892	Guidelines for exploration of possible meteorite impact structures	1968
19700089901	Emergency airborne escape summary - A report of ejections and bailouts for calendar year 1968	1968
19700089902	POGO stability tolerance methods	1968
19700089915	Proposed journal article - Electrical conduction from a cold electrode to a supersonic plasma	1968
19700089919	Characteristic features in the spectra of interstellar grains	1968
19700089925	Parametric study of manned life support systems Quarterly briefing report	1968
19700089926	Preparation of fluoroelastomers for use with cryogenic storable propellants Quarterly report, 1 Aug. - 31 Oct. 1968	1968
19700089928	Identification of televised naval vessels as a function of TV lines per image height Final report, May 1964 - Aug. 1965	1968
19700089969	Development of alarm set, nerve agent, AN/GAQ-1 /U/ Technical report, 25 Jun. 1965 - 31 Jan. 1968	1968
19700090029	A piecewise continuous model for electroconvective instability in the plane of an interface	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090035	Attachment A to the logistics end item report system specification 9CB001A. Approved spare parts provisioning list for the C-band checkout system Saturn 5 LC-39. KSC electrical/electronic equipment instrumentation	1968
19700090038	Attachment A to the logistics end item report system specification 9RP001A. Approved spare parts provisioning list for the RP-1 electrical system LC-39. KSC electrical electronic equipment Rical launch support equipment systems	1968
19700090044	Logistics end item report system specification 4DR001A and 7DR001A. Range safety checkout system uprated Saturn 1 LC-34 and LC-37. KSC electrical/electronic equipment instrumentation	1968
19700090059	Logistics end item report. System specification 9QB001A. Q-ball cover control system Saturn 5 LC-39	1968
19700090060	Logistics end item report. System specification 4TC001A and 7TC001A. Telemetry checkout system LC-34 and LC-37	1968
19700090061	Logistics end item report system specification 4FD001A fire detection monitoring system LC-34. KSC electrical/electronic equipment instrumentation	1968
19700090062	Logistics end item report. System specification 41U001A IU command checkout support equipment LC-34. KSC electrical/electronic equipment	1968
19700090067	Logistics end item report system specification 7CB001A C-band checkout system LC-37. KSC electrical/electronic equipment instrumentation	1968
19700090068	Logistics end item report. System specification 4CB001A. C-band checkout system LC-34	1968
19700090109	PRIME /Precision Recovery Including Maneuvering Entry/ lifting body spacecraft. A collection of papers. Volume 1 /U/	1968
19700090110	PRIME management report /U/	1968
19700090111	Progress in development and flight test of lifting body spacecraft /U/	1968
19700090112	PRIME program summary /U/	1968
19700090113	PRIME mission analysis and trajectory performance /U/	1968
19700090114	PRIME postflight trajectory reconstruction /U/	1968
19700090115	PRIME guidance and control system /U/	1968
19700090116	PRIME strapdown guidance performance results /U/	1968
19700090117	PRIME flap actuation system /U/	1968
19700090118	PRIME instrumentation system /U/	1968
19700090119	PRIME telemetry, tracking, and command system /U/	1968
19700090120	PRIME electrical power system /U/	1968
19700090121	PRIME heat shield and structure performance /U/	1968
19700090122	PRIME environmental control system /U/	1968
19700090123	PRIME /Precision Recovery Including Maneuvering Entry/ Lifting Body Spacecraft. a Collection of Papers. Volume 2 /U/	1968
19700090124	PRIME reaction control system /U/	1968
19700090125	PRIME reentry vehicle separation system /U/	1968
19700090126	PRIME weight control /U/	1968
19700090127	Reliability and test /U/	1968
19700090128	PRIME acceptance test facility operations /U/	1968
19700090129	PRIME project launch integration /U/	1968
19700090130	PRIME launch operations /U/	1968
19700090131	PRIME terminal area operations /U/	1968
19700090132	PRIME /SV-5D/ communications blackout /U/	1968
19700090133	PRIME reuse tests and studies /U/	1968
19700090134	PRIME aerodynamic and thermodynamic data analyses /U/	1968
19700090135	PRIME stability and control /U/	1968
19700090136	Heat shield sensor techniques for the PRIME program /U/	1968
19700090144	Investigation of population inversion by gas dynamic mixing Bimonthly progress report, 28 Jun. - 27 Aug. 1968	1968
19700090146	Investigation of population inversion by gas dynamic mixing Bimonthly progress report, 28 Aug. - 27 Oct. 1968	1968
19700090153	Trade-off study and conceptual designs of regenerative Advanced Integrated Life Support Systems /AILSS/	1968
19700090166	Dynamic orifice sizing Mk 24 liquid spring	1968
19700090178	Study of fatigue phenomena of S-20 photocathodes when transferred to an alkali free environment /U/ Final technical report, 7 Jun. 1966 - 7 Jun. 1967	1968
19700090183	Atlas surveillance system for an extended boundary /U/ Quarterly report, 1 Apr. - 21 Jul. 1968	1968
19700090186	Silicon vidicon intensifier /U/ Quarterly report, 4 Jun. - 4 Sep. 1968	1968
19700090202	Reliability verification test for LMSC P/N 2360740-1 voltage reference diode	1968
19700090222	Qualification of waveguide shutter for use in the Hawk system	1968
19700090223	System simulation using the Fast Fourier Transform /FFT/	1968
19700090238	Analytical study of non-continuum flow processes in nozzles Quarterly progress report, 1 Aug. - 31 Oct. 1968	1968
19700090242	Apollo applications program - Safety plan	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090243	Logistics end item report system specification 7IU001A. IU command checkout support equipment LC-37	1968
19700090244	Logistics end item report system specification 9EC001A. Environmental control system LC-39	1968
19700090246	Logistics end item report system specification 1PO001A. Sixty-hertz power system spacecraft support and industrial area. KSC electrical/electronic equipment cables, racks, and power systems	1968
19700090248	Logistics end item report parts 1 and 2 system specification 7DP001A. LC-37 ODOP checkout system	1968
19700090249	Logistics end item report system specification 9CS001A. Command and communications checkout system LC-39	1968
19700090251	Attenuator, coaxial /40db/	1968
19700090252	Trygon Electronics Incorporated model PS 32.2.5 solid state power supply	1968
19700090253	Logistics end item report system specification 9PO001A. Sixty-hertz power system LC-39. KSC electrical/electronic equipment cables, racks, and power systems	1968
19700090254	Logistics end item report system specification 4MR001A. Measurements recording checkout system LC-34	1968
19700090255	Logistics end item report system specification 9TM001A. Tail service mast control system LC-39. KSC electrical/ electronic equipment electrical launch support equipment systems	1968
19700090257	KSC Apollo/Saturn program. Logistics end item report for the LC-34 and LC-37 propellant tanking computer system SS6PT001A, parts 1 and 2	1968
19700090258	KSC Apollo/Saturn program. End item report special power system for the spacecraft support and industrial area SSIPB001A, parts 1 and 2	1968
19700090263	Procedures for computerized data reduction for IBM 360/30	1968
19700090264	Operational seal wear, life test, liquid spring	1968
19700090271	KSC Apollo/Saturn program. Logistics for the LC-39 digital events evaluator system SS9DE001A, end item report, parts 1 and 2	1968
19700090272	KSC Apollo/Saturn program. The LC-37 hazardous gas detection system SS7HG001A, end item report, parts 1 and 2	1968
19700090273	Reliability verification test for LMSC part number 2360742-3 Zener diode	1968
19700090275	Quality evaluation of the AMP automatic Termi Point wiring process	1968
19700090276	Qualification and evaluation of fixed plastic dielectric capacitor	1968
19700090277	Evaluation of electroformed nickel sheet	1968
19700090279	APL glossary of acronyms	1968
19700090291	KSC Apollo/Saturn program. The LC-39 service and access arms control system SS9SA001A, end item report, parts 1 and 2	1968
19700090292	KSC Apollo/Saturn program. The LC-34 ODOP checkout system SS4DP001A, end item report, parts 1 and 2	1968
19700090293	KSC Apollo/Saturn program. The LC-39 pneumatics control system SS9PN001A, end item report, parts 1 and 2	1968
19700090296	KSC Apollo/Saturn program. The LC3O4 hazardous gas detection system SS4HG001A, end item report, parts 1 and 2	1968
19700090298	KSC Apollo/Saturn program. The LC-39 telemetry checkout system SS9TC001A, end item report, parts 1 and 2	1968
19700090303	KSC Apollo/Saturn program. The LC-39 special power system SS9PB001A, end item report, parts 1 and 2	1968
19700090304	KSC Apollo/Saturn program. The LC-39 range safety checkout system SS9DP001A, end item report, parts 1 and 2	1968
19700090305	KSC Apollo/Saturn program. The LC-39 ODOP checkout system SS9DP001A, end item report, parts 1 and 2	1968
19700090306	Logistics end item report system specification 9FA001A. Holddown arms and liftoff control system LC-39. KSC electrical/electronic equipment electrical launch support equipment systems	1968
19700090309	Connector, receptacle, electrical	1968
19700090310	Plug, electrical, coaxial .141 diameter semi-rigid cable	1968
19700090311	Attenuator, fixed, waveguide X-band	1968
19700090315	A 1570661-2 transistor, SHRIKE-6 computer	1968
19700090320	Connector, receptacle, electrical	1968
19700090321	Low aluminum beryllium properties test	1968
19700090322	Logistics end item report system specification 7MR001A. Measurements recording checkout system LC-37	1968
19700090323	Report of tests on transistors	1968
19700090325	Cleanliness control requirements	1968
19700090327	The effect of briefing material on target recognition	1968
19700090354	APQ-102/XA-1/ improved resolution test /U/ Final report	1968
19700090355	Design, test and evaluation of IR marker /U/ Final report, 1 Jul. 1966 - 31 May 1967	1968
19700090366	Spherically symmetric boundary value problems in one-speed transport theory	1968
19700090377	Evaluations of uranium mononitride cermet fuel /U/	1968
19700090383	Design criteria for flight evaluation, monograph 5 - Tracking analysis	1968
19700090414	Apollo/Saturn configuration management plan for civil engineering and facilities management /DE-FAC/	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090423	Meletron pressure switch, P/N 372-15-253 /NASA P/N 75M08323-1/ intermittent operation	1968
19700090441	KSC Apollo/Saturn program. The LC-37 fire detection monitoring system SS7FD001A, end item report, parts 1 and 2	1968
19700090460	Monte Carlo calculation of the gamma-ray heating in a Phoebus 1 nozzle from core sources, supplement /U/	1968
19700090501	Cutouts in shallow shells	1968
19700090526	J-2 program Bimonthly progress report, Mar. - Apr. 1968	1968
19700090527	Study of transition temperatures in superconductors Quarterly progress report, 11 Mar. - 10 Jun. 1968	1968
19700090565	Synthesis of porphine-like substances from simple precursors Status report, 1 Jun. - 30 Nov. 1968	1968
19700090567	The frequency dependence of backscatter from rough surfaces	1968
19700090576	Altitude performance evaluation of Thiokol TP-H1092 berylliumized propellant tested in a Surveyor main retrorocket motor case /TU-363B/ /U/	1968
19700090585	Investigation of techniques for analysis of ancient sediments and extraterrestrial materials Semiannual progress report, 1 Jun. - 30 Nov. 1967	1968
19700090622	Measured base pressure on a blunted cone at Mach numbers 10 to 76	1968
19700090652	Low cycle fatigue of metals for regeneratively cooled rocket thrust chambers. An annotated bibliography	1968
19700090654	Floidyne pilot operated ball valves, 2 each, 15C16 /MOD/, NASA P/N75M-11862 and 1 each, 3C47 /MOD/, NASA P/N75M-11864, leakage	1968
19700090656	LH2 purge line relief valve, Republic P/N 649x-7-6, NASA P/N 75M05871	1968
19700090660	A 6000 PSI Hand Valve, Marotta P/N228-1748, NASA P/N75M51156 Leakage	1968
19700090671	Flammability tests on betacloth fabric	1968
19700090672	Flammability of beta glass fiber threads	1968
19700090673	Connector, cable, cannon type CA24278-349, cable assembly P/N 75M09092-7	1968
19700090676	High rate overcharge on GE 12 AH cells	1968
19700090681	Dragon hand valve, NASA P/N 65B23279-1 leakage	1968
19700090683	Hose assembly, 6 inches by 8 inches double wall. Anaconda American Brass Company part no. 83509, reision B	1968
19700090685	Annin valve drawing no. A4806, NASA P/N 705M05869-LCLV-5, leakage	1968
19700090692	Connector plug assembly, P/N PT06-12-83 /Bendix/ of cable assembly P/N 75M04674-500/W3	1968
19700090694	Flame propagation of candidate cables for altitude chamber applications	1968
19700090696	Marotta Valve Company, P/N 228154, 1/4-inch, 2 way/2 position solenoid valve	1968
19700090699	Forklift bearings	1968
19700090701	Solenoid valve, Sterrer P/N 11420-3, NASA P/N 75M08842. Low resistance, coil to ground	1968
19700090706	Critical mechanisms in the development of fatigue cracks in 2024-T4 aluminum Technical report, 1 Apr. 1967 - 31 Mar. 1968	1968
19700090713	Spartan pressure transducer, type 890-A-400-50 /ref/, NASA P/N 75M51731-8, erratic output	1968
19700090717	Interstage hoist and maximum stress load tests	1968
19700090724	Reliability verification test for LMSC P/N 2360749-1, p-n-p switching transistor	1968
19700090725	Qualification of solenoid valve for use in self-propelled launcher Final report, 25 Jul. 1967 - 15 Feb. 1968	1968
19700090728	Pathon pneumatic cylinder, NASA P/N 75M07998, leakage	1968
19700090733	Reliability verification test procedure for P/N 2360602, transistor, power	1968
19700090734	Qualification of pressure transducer for use in improved Hawk missile Final report	1968
19700090739	Greer accumulator valve	1968
19700090740	Pressure regulator, P/N 75M51364-3 unstable output	1968
19700090741	Marotta pilot operated solenoid valves, model PV43C, NASA P/N 75M08826-4	1968
19700090742	Anderson Greenwood relief valve P/N 2-8038-3 NASA P/N 75M08415-3. Leakage	1968
19700090743	Marotta dome loader regulator, P/N 230434, NASA P/N 75M51102. Leakage at vent port	1968
19700090751	Analysis of LOX chill down pump purge orifices, 1 B40622-3 and 1B40622-5	1968
19700090753	Failure analysis of Greer filter separator, P/N 11M01693, for leakage	1968
19700090754	Fuse blocks, P/N 3529, in I and C distributor system 75M12270	1968
19700090758	Qualification of quartz crystal for use in Hawk ground support equipment Final report, 8 Mar. - May 1968	1968
19700090764	Qualification of waveguide shutter for use in the Hawk system Final report, 28 Aug. - 10 Nov. 1967	1968
19700090765	Qualification of fan ventilating, propeller for use in HPI	1968
19700090778	Investigation of anomalies in the GEOS-B power system	1968
19700090780	Investigation of coil failure due to temperature cycling	1968
19700090794	Republic 3-way hand valves NASA P/N 65B23088 internal leakage /2 valves. Vendor P/N 1-2364-10	1968
19700090797	Failure analysis of 5/8 inch diameter turnbuckles	1968
19700090798	American Bosch Arma hydraulic accumulator P/N 75M11853, internal leakage	1968
19700090799	Flame propagation rate of aluminized kapton in oxygen	1968
19700090802	Chesapeake microphone and GH2 sensor oxygen tests	1968
19700090803	Failure analysis of stainless steel bellows, spacecraft piping system	1968
19700090804	LOX bubbling regulator, NASA P/N 65B-23420-17B, grove. Improper venting through stem assembly	1968
19700090805	Relays /2/, Union Switch and Signal P/N H35EK4H	1968
19700090806	Calibration valve, Futurecraft P/N 90625-3, NASA P/N 75M07278	1968
19700090807	Failure analysis of LOX pump volute housing, A107 10X pump	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090817	Evaluation test report, MDAU, transistor silicon, NPN, 2N3019 SCD 367	1968
19700090818	Qualification test on power transistors	1968
19700090822	Pressure regulator, NASA IP/N 65B-23420-29. Venting GN2 from vent port	1968
19700090835	Evaluation of titanium-plated steel in a chloride environment Final report	1968
19700090836	Report of tests for qualification of potentiometers	1968
19700090843	Marotta dome loader regulator, P/N 230-434-6000, NASA P/N 75Ms1102 - Leakage at vent port	1968
19700090844	Marotta dome loader regulator, P/N 230-434-6000, NASA P/N 75M51102 - Unstable output pressure	1968
19700090845	Fenwal thermal switch P/N 18050-0 - Premature actuation	1968
19700090871	Consolidated report Quarterly report, 1 Jul. - 30 Sep. 1968	1968
19700090873	Failures in grains exposed to rapid changes of environmental temperatures - An application of linear cumulative damage concepts Quarterly report, 1 Aug. - 31 Oct. 1968	1968
19700090876	Batteries SN 035390000032 and 035390000042	1968
19700090879	Digital ranging generator	1968
19700090881	Digital ranging generator	1968
19700090883	Evaluation of S-band detector and direction finder /U/ Final report	1968
19700090905	Integrated amplifier Final specification	1968
19700090906	Connector, plug, electrical	1968
19700090916	Cadmium sulfide thin-film solar cell review	1968
19700090920	The calculation of neutron spectra and group averaged cross-sections using the computer programmes FRESCO and MURAL	1968
19700090935	Low range pressure transducer 50Z/2960-003, qualification test report	1968
19700090936	Final report	1968
19700090953	Power transformer /step-up and isolation/	1968
19700090959	Verification test for LMSC part number 2360743-1, voltage reference diode	1968
19700090963	FSK exciter Technical report	1968
19700090969	Qualification testing of transistors	1968
19700090978	Apollo SPS engine - Gimbal actuator rate transducer	1968
19700090980	Drop test series 84 - Apollo block 2. Earth landing system increased capability program drogue parachute Final test report	1968
19700090987	Apollo SPS engine - Stability evaluation program	1968
19700090995	Hybrid feasibility study of a fluid dynamics system Final report	1968
19700090998	Results of the Persian Gulf - Arabian Sea oceanographic surveys, 1960 - 1961 Technical report	1968
19700091000	Mobile clean room	1968
19700091002	Reliability verification test for LMSC P/N 2360751-1 transistor	1968
19700091007	Test report on filter, radio interference, 154796, Erie High Frequency Products, Incorporated, 9003-001-000	1968
19700091011	Consolidated quarterly report, 1 January - 31 March 1968	1968
19700091016	Reliability verification test for LMSC P/N 2360803-1, voltage reference diode	1968
19700091018	Principles of radar target reflections	1968
19700091019	Reliability verification test for LMSC P/N 2360749-1, PNP switching transistor	1968
19700091024	Qualification of solid conductor, insulated wire for solderless wrapped terminations	1968
19700091027	Qualification test on power transistors	1968
19700091028	Exploratory test of the Milliken kinescope Final report	1968
19700091040	Drop test series 83 Apollo block 2 earth landing system increased capability program Final report	1968
19700091048	Qualification of valve, relief and vacuum breaking for use in HPI modularized high volt power supply Final report	1968
19700091056	Oceanography in the Channel Islands area off Southern California Technical report, Sep. - Oct. 1965	1968
19700091057	Some results of an oceanographic survey in the northern Greenland Sea, summer 1964 Technical report, Aug. - Sep. 1964	1968
19700091059	Structural verification test series 82, Apollo block 2, increased capability earth landing system	1968
19700091075	Batteries SN 035390000003 and 035390000011	1968
19700091077	Flodyne ball valve, P/N 15C160, NASA P/N 75M08820	1968
19700091080	Buckling and vibration of segmented, ring-stiffened shells of revolution. Users manual for BOSOR 2 Final report, Jun. 1967 - Sep. 1968	1968
19700091147	Consolidated quarterly report, 1 April - 30 June 1968	1968
19700091151	Pacific Valve Incorporation cryogenic valve P/N 6-940A /Douglas P/N 7864252/ leakage	1968
19700091152	Switch assembly, P/N 21-0122, manufactured by Master Specialties	1968
19700091153	Marotta relief valve, P/N 231074, NASA P/N 75M09286 leakage	1968
19700091154	Giannini pressure transducer P/N 461319, NASA P/N 75M13108 open circuit	1968
19700091155	Sparton Southwest pressure transducer, type 840A400-50 /Ref/, NASA P/N 75M07075	1968
19700091156	Marotta solenoid valve model PV43C, NASA P/N 75M08826-4 loose electrical connector	1968
19700091157	Tescom pressure regulators P/N 75M51364, S/N'S 11155 and 11771 - Erratic response to outlet pressure changes	1968
19700091159	Heavy extrusion press modification study Final technical report, 1 Oct. 1967 - 30 Sep. 1968	1968
19700091162	Transonic wind tunnel tests of four fin configurations for the 2.75-inch folding fin aircraft rocket Final report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091165	Feasibility study of hermetically sealed parallel voltage multipliers Final report	1968
19700091169	UHS electric propulsion system and mobile generating plant, part D	1968
19700091170	Circuit analysis of series voltage multipliers in steady state, volume 2, part C Final report	1968
19700091171	Circuit analysis of parallel voltage multipliers in steady state, volume 3, part C Final report	1968
19700091172	Discussion of diode parameter limits, volume 1, part C Final report	1968
19700091173	A compendium of design considerations for COIN aircraft	1968
19700091179	Development of a laser rotational sensor. Part 1 - Design, construction and evaluation /U/ Final report, 15 Jun. 1967 - 1 Mar. 1968	1968
19700091182	Night vision goggles /U/ Quarterly report, 1 Oct. 1967 - 1 Jan. 1968	1968
19700091223	Miniature high voltage capacitors Final technical report, Jun. 1965 - Oct. 1968	1968
19700091229	Concept development of manned underwater station, volume 1 Final report	1968
19700091233	Performance of binary group EDAC - Error Detection And Correction codes Final report	1968
19700091234	Design and construction of complete oscillator and voltage step-up crystal for second generation night vision equipment Final report, 29 Jun. 1967 - 29 Feb. 1968	1968
19700091235	Voltage multipliers Final technical report, Jun. 1967 - Oct. 1968	1968
19700091239	DIDS intelligibility study. Part 2 - Effects of co-channel and adjacent-channel interference Technical memorandum	1968
19700091240	Proceedings of the third Naval Training Device Center and Industry Conference, 19-21 November 1968	1968
19700091243	Synthesis of polyspirocyclobutanes and related spiropolymers. Part 1 - Poly /trispiro 3.1.3.1.3.1 tridecane-1,3-dione/ Annual technical report, 1 Mar. 1967 - 1 Mar. 1968	1968
19700091244	Identification of volatile reactor fuel decomposition products by spectral analysis	1968
19700091245	Development of centralized automatic test systems at NELC. Volume 2 - Prime equipment sensors and signal conditioning Research and development report, Aug. 1966 - Sep. 1969	1968
19700091247	Effects of lightning strikes on fiber-reinforced structural plastic composites Technical report, Aug. 1967 - Apr. 1968	1968
19700091248	Alternating current induction MHD generator research Final report, Jun. 1967 - May 1968	1968
19700091249	Optimization of user and earth station interfaces with DSCS Final report	1968
19700091250	Pressure reducing regulator /grove similar to model 94, figure no. M12961F/ NASA P/N 75M05871 PPR-3, failure to regulate	1968
19700091253	Integrated seismic research signal processing system Quarterly technical report, Jul. - Oct. 1968	1968
19700091257	Photochemical reactions of complex molecules in condensed phase Progress report, 1 May 1967 - 30 Apr. 1968	1968
19700091258	Comparative reliability analysis of two pressurized water reactor containment cooling systems	1968
19700091259	High yield detonable gas explosions, SLEDGE technique Final report, 1 Mar. - 30 Jun. 1968	1968
19700091260	Cable assembly, Pacific Automation products P/N W750	1968
19700091268	Tescom pressure regulator P/N 75M57383-18, leakage at vent port	1968
19700091272	Department 2420 participation in the Umber event Final report	1968
19700091277	Secondary retract hydraulic accumulator, P/N 75M08814-2. Internal leakage and scored piston walls	1968
19700091279	Pressure switch, Meletron Corporation, part no. M7141EB-32A-1, NASA drawing no. 75M50728 Test report	1968
19700091285	Relay, ohmite, P/N DOSHPX-51, ECS system, complex 39	1968
19700091287	Burn rate of communication cables in oxygen	1968
19700091288	Marotta regulator P/N 75M51168-1. Leakage past the stem	1968
19700091292	Secondary member of K-truss on mobile service structure	1968
19700091297	Marotta dome loaded regulator, P/N 230884, NASA P/N 75M08828-1. Leakage from vent port	1968
19700091298	Evaluation of ninety Fairchild LPDT mu L 904251 integrated circuits /date coded 6826/	1968
19700091300	Marotta manual valves, P/N 229714, model HV8AD, NASA P/N75M51064-2, S/N 104 and 215. Stem leakage	1968
19700091301	Pressure regulator, manufactured by APCO, P/N Me 284-8066-0001	1968
19700091302	Grove pressure regulator, P/N 10931MK2B, NASA P/N 75M 50165-13. Leakage at vent port	1968
19700091303	Marotta relief valve P/N 225844-343, NASA P/N 75M08332 /GN2 or HyD oil/	1968
19700091304	Giannini pressure transducer, P/N 461319 /mod/, NASA P/N 75M11857-2, incorrect output	1968
19700091305	Consolidated Controls Corporation temperature transducer, P/N 65080 4514. No output	1968
19700091306	Flexible metal hose, NASA drawing number 75M05871-PFH-13	1968
19700091311	Hydraulic check valve, Republic P/N 9-663-1, NASA P/N 75M09007-1, external leakage	1968
19700091314	Spectral electronics potentiometer, model 130-9535, hazardous gas detection system	1968
19700091318	Globe valve, 3/4-inch 6000 psig, Pacific Valve Company part no. 3/4-S-17250Y-12K-GL /XXS/	1968
19700091332	Solenoid valve, Marotta p/n 806098, NASA P/N 75M09285	1968
19700091333	Servo-dome pressure regulator, NASA P/N 65B 23421-5B, /APCO/. Pressure loss	1968
19700091334	Potentiometer, LOX replenish valve, position indicator, bourns, P/N 2001566207	1968
19700091336	Sterilization effects on polymeric materials	1968
19700091349	Marotta solenoid valve P/N 806097-1, NASA P/N 75M08823 /GNZ or hyd oil/. Leakage past seat	1968
19700091355	Tescom regulator, P/N 75M51382-18. Failure to restore outlet pressure in specified time period	1968
19700091417	Apollo CSM acceptance data package documentation requirements	1968
19700091423	A tentative model for the mean flow properties in a round subsonic jet	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091424	Lateral jet-missile interference data correlation study	1968
19700091427	Tensile studies made on Navy aircraft organic protective coatings	1968
19700091428	Development of a soil for laboratory evaluation of cleaning materials	1968
19700091450	Mass data storage system Interim development report, 1 Jul. - 31 Aug. 1968	1968
19700091456	Aerospace fluid component designers handbook, volume 2	1968
19700091457	Study of liquid metal NaK-77 for application in flight control systems Final report, Apr. 1967 - Jun. 1968	1968
19700091472	Qualification testing of exit gas thermocouples /NE 1769/, addendum 3 /U/	1968
19700091473	Proceedings of Nuclear Power Systems Classified Session, Third Intersociety Energy Conversion Engineering Conference /IECEC/ /U/	1968
19700091519	Advanced maneuvering propulsion technology program /U/ Quarterly progress report, 1 Feb. - 30 Apr. 1968	1968
19700091520	Development of 25 mm microchannel inverter tube /U/ Final technical report, 29 Jun. 1967 - 29 Jun. 1968	1968
19700091521	[No Title]	1968
19700091525	SEBIC image display structures /U/ Final report, 27 Feb. 1966 - 28 Jun. 1968	1968
19700091560	Electron beam welding of thick sections Monthly progress letter, 15 Sep. - 15 Oct. 1968	1968
19700091561	Study of the mechanisms of sand and dust erosion in gas turbine engines Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19700091563	Filter, electrical, 30-300 MHz, low pass	1968
19700091564	Detector, coaxial, 15 ohms output	1968
19700091565	Hot corrosion of coated superalloys in a gas turbine environment Progress report, 3 Jul. - 1 Oct. 1968	1968
19700091579	Butt weld test data - NF-5 275-gallon external fuel tank	1968
19700091583	Generator, microwave noise, X-band	1968
19700091589	Development of improved matrix systems for advanced composites Summary technical report, 1 Apr. 1967 - 30 Apr. 1968	1968
19700091590	Advanced protective coatings for tantalum and columbium alloys	1968
19700091591	Propellant expulsion system for advanced space vehicles	1968
19700091592	Development of beryllium honeycomb sandwich composite for structural and other related applications	1968
19700091596	Electron beam welding of thick sections Monthly progress letter, 15 Aug. - 15 Sep. 1968	1968
19700091597	Electron beam welding of thick sections Monthly progress report, 15 Nov. - 15 Dec. 1968	1968
19700091598	Electron beam welding of thick sections Monthly progress letter, 15 Oct. - 15 Nov. 1968	1968
19700091599	Evaluation of coatings for cobalt and nickel base superalloys	1968
19700091600	Effects of environment and evolution on macromolecules Progress report, 1 May - 30 Nov. 1968	1968
19700091607	Kinetic theory analysis of flow field of two-dimensional nozzle exhausting to vacuum	1968
19700091623	Qualification report for capacitor per BuWeeps drawing 2459274	1968
19700091650	Pyrolyzer - Hydrogen flame ionization detector organic analyzer study Monthly progress report, 1-31 Oct. 1969	1968
19700091651	Pyrolyzer - Hydrogen flame ionization detector organic analyzer study Monthly progress report, 1-30 Nov. 1968	1968
19700091656	Generalized kickstage study. Volume 2 - Appendix 1A, appendix 1B Final report	1968
19700091657	Physical and chemical properties of fluids, lubricants and related materials, part 2 Technical report, 1 Nov. 1966 - 31 Oct. 1968	1968
19700091659	Stress Analyses of Titan Family Stage 2 Ablative Skirts	1968
19700091661	A multichannel, wide-range, pressure measuring system for a supersonic gasdynamics facility	1968
19700091663	Greases for high speed, high temperature antifriction bearings, part 2	1968
19700091664	Advanced structural concepts experimental program project ASCEP. Volume 2 - Experimental evaluations	1968
19700091690	Filter, radio interference, 2 AMP, 60 CPS	1968
19700091697	Adaption of space age electronics to aircraft weapons systems	1968
19700091698	Isochronal inspection scheduling concept	1968
19700091775	High temperature sensors for small gas turbines	1968
19700091777	Control, rotation	1968
19700091784	High temperature sensors for small gas turbines	1968
19700091786	Reactor, fixed inductance, 1-30 volts	1968
19700091792	Study of the mechanisms of sand and dust erosion in gas turbine engines	1968
19700091794	Connector, electrical, plug only	1968
19700091796	High temperature sensors for small gas turbines	1968
19700091797	Compatibility studies for viable titanium matrix composites	1968
19700091798	Compatibility studies for viable titanium matrix composites	1968
19700091815	A study of the influence of GP zones on the mechanical properties of aluminum alloys Final report	1968
19700091826	Electron tube, cathode ray	1968
19700091833	Failure analysis of semiconductors from SSB/N/ 618 surveillance program	1968
19700091856	Electronic conduction in organic materials Final report, 9 May 1966 - 8 May 1968	1968
19700091885	Experimental and analytical investigations on multiple liquid impact erosion Monthly progress report, 1-30 Jun. 1968	1968
19700091886	Experimental and analytical investigation on multiple liquid impact erosion Monthly progress report, 1-31 May 1970	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091917	Phase 2 of sterilization and storage compatability study of growth media for extraterrestrial use	1968
19700091971	Phase 2 of a sterilization and storage compatibility study of grow media for extraterrestrial use Monthly progress report	1968
19700091985	Structural and mechanical effects of interstitial sinks	1968
19700091986	Evaluation of coatings for cobalt and nickel base superalloys	1968
19700091987	Development of beryllium honeycomb sandwich composite for structural and other related applications	1968
19700091993	Development of beryllium honeycomb sandwich composite for structural and other related applications	1968
19700091994	Development of beryllium honeycomb sandwich, composite for structural and other related applications	1968
19700091995	Optimization of duct assemblies for vibration	1968
19700092023	Moore Products Company pressure regulator P/N 40-30, NASA P/N 75M15214PPR-2, /NCN 3251-4/	1968
19700092024	Solenoid valve 1/2 inch, two-way, two- position Marotta Valve Corporation P/N MV-509, NASA P/N 76 K00187, NCN 3400-3	1968
19700092032	Biological Handbook for Engineers - Procedures Manual for Planetary Spacecraft to Be Sterilized by Heating	1968
19700092033	Introduction to microbiology	1968
19700092034	Planetary quarantine	1968
19700092035	Characteristics of microorganisms	1968
19700092036	Decontamination and sterilization	1968
19700092037	Applied contamination control	1968
19700092038	Bioassay	1968
19700092076	LOGACS accelerometer data /U/	1968
19700092077	Upper atmosphere density determined from a low-G accelerometer on satellite 1967 50B /U/	1968
19700092078	Reduced data from the LOGAS experiment /U/	1968
19700092079	LOGACS - An orbital accelerometer calibration experiment /U/	1968
19700092093	Equipment compliance report for the Aerial Radiac system AN/ADR-6 /XE-3//	1968
19700092094	Generator, microwave noise C band	1968
19700092111	Silicide coatings for tantalum and columbium alloys Monthly progress letter, 1 - 30 Sep. 1968	1968
19700092112	Optimization of duct assemblies for vibration Monthly progress report, 1 - 31 Oct. 1968	1968
19700092113	Silicide coatings for tantalum and columbium alloys Monthly progress letter, 1 - 31 Aug. 1968	1968
19700092117	Evaluation of coatings for cobalt and nickel base superalloys	1968
19700092122	Solenoid valve, 1/4 inch 60 Psig GN2 Valvair Corporation P/N SA-509, NASA P/N 75M15214, PSV-1	1968
19700092127	Transmission of force in a laterally excited pipe-within-a-pipe structure Final report	1968
19700092128	Identifying the design, materials and assembly processes of the Motorola 1N749 silicon diode Final report	1968
19700092129	An analysis of the air base planning process	1968
19700092130	Development of beryllium honeycomb sandwich composite for structural and other related applications	1968
19700092131	Evaluation of the Apollo SPS engine Mod I-D bipropellant valve mission duty cycles	1968
19700092134	Managing technical information during weapon system development	1968
19700092137	An analysis of HF radio and error correction coding in the CONUS AUTODIN system Final report, Nov. 1965 - Aug. 1967	1968
19700092141	Evaluation of General Electric diodes, 1N3911	1968
19700092200	Optimization of duct assemblies for vibration	1968
19700092249	A monochromatic iodine lamp	1968
19700092287	Thresholds for the perception of angular acceleration about the three major body axes	1968
19700092299	Multiple pinhole cameras with a posteriori holographic image synthesis for imaging with X-rays and gamma rays	1968
19700092301	Interference effect on annealing temperature of A-centers and E-centers in silicon	1968
19700092302	Computer fire and resultant circuit card fire tests	1968
19700092303	A note on the amplitude distribution of radio waves passing through the ionosphere	1968
19700092328	Non-destructive determination of U-235 distribution by fixed-position gamma-scanning	1968
19700092329	Allis-Chalmers fuel cell description	1968
19700092332	Note on feedforward inverses for linear sequential circuits	1968
19700092340	Preliminary design study of a PAD-actuated launching system	1968
19700092341	Studies in heterocyclic synthesis Annual report, 1 Jun. 1967 - 31 May 1968	1968
19700092345	Sample-like distribution of an order statistic under general nonsample conditions and some asymptotic implications	1968
19700092360	Use of the lunar probes to recognize shocked materials on the moon's surface	1968
19700092369	Recent probability results for extreme ages	1968
19700092371	Portable decontamination unit Final report, May 1967 - May 1968	1968
19700092373	Evaluation of adhesive at minus 40F	1968
19700092384	On minimax solutions of linear equations	1968
19700092390	Sodium-heated 50 MW steam generator	1968
19700092391	Dynamic machine tool testing Interim engineering progress report, 1 Jul. - 30 Nov. 1968	1968
19700092393	Flutter tests of variable sweep configurations	1968
19700092438	Selection and control of plastics for semiconductor packaging	1968
19700092490	Flexible exit cone nozzle development program, volume 1 /U/ Phase 2 report, 16 Mar. 1967 - 31 Jul. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092491	Mach 5 test results of hydrogen fueled variable geometry scramjet /U/ Final technical report, 1 Oct. 1966 - 31 Jul. 1968	1968
19700092506	The evaluation of some current disc materials. Part 3 - Results of room temperature burst tests on four titanium alloys with and without stress concentrations	1968
19700092568	Transformer, radio frequency, antenna, 10 kc	1968
19700092582	Resistor, variable, wirewound, single turn	1968
19700092586	MOSFET gate and driver evaluation	1968
19700092589	Investigation of thermal-resistant propellant for emergency egress rockets Final report, Dec. 1963 - Dec. 1966	1968
19700092592	Radiation effects on gallium arsenide devices and Schottky diodes, volume 1 Technical report, 15 Feb. 1967 - 15 Feb. 1968	1968
19700092596	Radar clutter modeling Final technical report	1968
19700092598	Transformer power, 60 MHz	1968
19700092600	Reliability verification test for P/N 2760107-4CoR05 and-4C2002 resistor, fixed, wirewound, power	1968
19700092601	VHF measurements of the ionospheric absorption of cosmic noise - Pilot experiment, March 1967	1968
19700092612	Indicator, W/neon lamp and resistor	1968
19700092614	Titanium inspection - Evaluation of penetrant materials and practices	1968
19700092625	Commercial aircraft applications of advanced composites	1968
19700092628	Environmental testing of matrix laminates protected by complete embedment	1968
19700092631	Gulton battery cells, investigation of leakage and corrosion	1968
19700092632	The use of a wing tip accelerometer as a wind tunnel "barometer" of buffet onset	1968
19700092643	Low frequency testing of integrated audio amplifiers	1968
19700092687	Stress analysis of the capstan drive assembly of the high arresting gear tester	1968
19700092700	Study of the mechanisms of sand and dust erosion in gas turbine engines Monthly report	1968
19700092727	Solder sleeve evaluation test	1968
19700092730	Status of Mk 88 /Poseidon/ module testing, 9	1968
19700092731	Status of Mk 88 /Poseidon/ module testing, 8	1968
19700092737	Oscillator, radio frequency, 2.0196 MHz	1968
19700092746	Transformer, power, recorder, 3-30KG	1968
19700092748	Switch, rotary, electrical, multiple contact	1968
19700092749	Reliability verification test for BuWeps P/N 2360602, transistor, power, NPN	1968
19700092782	Nimbus 3 real time transmission systems /DRID and DRIR/	1968
19700092789	Studies on CO2 isotope molecules and atmospheric transmission of C-12/O-18/2 laser radiation	1968
19700092821	Failure analysis of semiconductors from SSB/N/ surveillance program	1968
19700092824	Nicod cell handling	1968
19700092830	Qualification tests of BuWeps drawing 621816 resistors	1968
19700092837	Mass data storage system Interim development report, 1 Nov. - 31 Dec. 1967	1968
19700092844	Exploratory development of a 1 watt, 3.6K reciprocating refrigerator for space applications	1968
19700092845	Aircraft dynamic loads from substandard landing sites. Volume 1, part 5 - Landing impact and taxi analyses and determination of takeoff distance	1968
19700092848	Capacitor, fixed, ceramic	1968
19700092854	Liquid hydrogen flow tests and analysis on J-2 flex lines in support of AS-502 failure investigation, addendum	1968
19700092860	Mass data storage system Interim development report no. 12, 1 May - 30 Jun. 1968	1968
19700092864	An evaluation of fatigue life improvement processes	1968
19700092865	Vaporizing and endothermic fuels for advanced engine application. Part 2 - Studies of thermal and catalytic reactions, thermal stabilities, and combustion properties of hydrocarbon fuels	1968
19700092878	Capacitor, fixed, precision	1968
19700092881	High density plug	1968
19700092882	Capacitor, fixed, precision	1968
19700092902	Identifying the design, materials and assembly processes of the Aerovox Corporation HMC 70 capacitor Final report	1968
19700092923	Reliability verification test procedure for P/N 2360613-1, connector, electrical	1968
19700092931	A device for precise angular alignment of ultrasonic transducers for nondestructive testing	1968
19700092934	Quality conformance inspection on connectors plug, electrical type MS16658, manufacturer type 5920	1968
19700092944	Connector qualification test	1968
19700092960	Capacitor, fixed, paper dielectric Cornell-Dubilier Electronics Raytheon part number 144734-2	1968
19700092961	Connector receptacle, card insertion printed wiring	1968
19700092967	Service arm hydraulic Teflon flex hose, NASA P/N 75M10979-1, NCN 3317-3	1968
19700092970	Status of Mk 88 /Poseidon/ module testing	1968
19700092971	Component evaluation report on transformer, audio frequency, hermetically sealed, 20 Hz-20 KHz	1968
19700092988	Completed Test, Experimental, and Development /TED/ projects /U/ Quarterly compilation of abstracts, 1 Jul. - 30 Sep. 1968	1968
19700092998	T-38 bird impact resistivity tests	1968
19700093000	Re-evaluation of RC modules supplied by Centralab	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093009	Transistor, dual, n-p-n, silicon	1968
19700093011	Selective corrosion of aluminum alloys by chlorinated solvent mixtures	1968
19700093017	High density receptacle	1968
19700093035	Transistor, n-p-n high voltage	1968
19700093036	Transistor, n-p-n high voltage	1968
19700093041	Resistor, WW, noninductive Final specification	1968
19700093050	Bibliography on stainless steel	1968
19700093058	Contact bussing pin for P/C wiring connector Final specification	1968
19700093059	Transistor, n-p-n power	1968
19700093062	Transformer, radio frequency, 10 KC	1968
19700093065	Antelope reliability verification test for transistor, power BuWeps P/N 2360618-3	1968
19700093070	Comming clip for P/C wiring connector Final specification	1968
19700093071	Power supply /plus/ 12 and /plus/ 2K volt regulated	1968
19700093077	Key polarizing for printed wiring connector Final specification	1968
19700093078	Transistor, n-p-n power	1968
19700093085	Reliability verification test for LMSC P/N 2360750-1, n-p-n general purpose transistor	1968
19700093090	Identifying the design, materials and assembly processes of the Fairchild FD600 silicon diode Final report	1968
19700093091	Identifying the design, materials and assembly processes of the Aerovox Corporation BSF-1 capacitor Final report	1968
19700093097	Reliability verification test on BuWeps P/N 2360641-2, transistor, field effect	1968
19700093102	Bibliography on steel	1968
19700093115	Resistor wire-wound	1968
19700093123	Identifying the design, materials and assembly processes of the Fairchild FD 300 silicon diode Final report	1968
19700093124	Identifying the design, materials and assembly processes of the Vitramon Incorporated Cy and VY capacitors Final report	1968
19700093125	Reliability verification test procedure to verify BuWeps P/N 2360646-2, transistor, power, n-p-n	1968
19700093138	The 0649, transistors, silicon, p-n-p for inverted choppers applications	1968
19700093150	Dual transistors, silicon, annular, n-p-n	1968
19700093161	Antelope, reliability verification test on BuWeps 2360843 transistor dual p-n-p	1968
19700093169	Identifying the design, materials and assembly processes of the Corning electronics CYFR capacitor Final report	1968
19700093173	Identifying the design, materials and assembly processes of the Fairchild 1N916A silicon diode Final report	1968
19700093174	Identifying the design, materials and assembly processes of the Vitramon, Incorporated VK capacitor Final report	1968
19700093175	Identifying the design, materials and assembly processes of the Dickson Electronics 1N749 silicon diode Final report	1968
19700093182	Transistor, n-p-n power	1968
19700093194	Reliability verification test on BuWeps part number 2360767 transistor, general purpose, dual n-p-n	1968
19700093199	Diode, matched pair	1968
19700093201	Evaluation test report for radio frequency connector	1968
19700093203	Electron tube, Nixie decoder/driver, glow type	1968
19700093209	Evaluation of magnetic digital indicators, type 06VBA-ACO-1057	1968
19700093210	SRC 20/21 blower assemblies comparison of two manufacturers	1968
19700093215	Geomagnetic research	1968
19700093221	Antelope reliability verification test for BuWeps P/N 2360605, transistor	1968
19700093223	Evaluation of URC-9 blower equipped with electronic inverter	1968
19700093225	Reliability verification test on BuWeps P/N 2360593-2, transistor, field effect	1968
19700093229	Waveguide to coax transistor waveguide assembly transmitting	1968
19700093230	Reliability verification test program of NAVORD P/N 2360580, connector, electrical	1968
19700093247	Gun propellant program propellants laboratory /U/ Technical status report, Jan. - Mar. 1968	1968
19700093249	Flueric temperature sensor design /U/	1968
19700093251	Gun propellant program propellants laboratory /U/ Technical status report, Apr. - Jun. 1968	1968
19700093252	Liquid propulsion technology /U/ Technical status report, Jul. - Sep. 1968	1968
19700093253	Drag effects of various methods of carrying fuselage mounted stores /U/	1968
19700093254	Gun propellant program propellants laboratory /U/ Technical status report, Jul. - sep. 1968	1968
19700093255	Liquid propulsion technology /U/ Technical status report, Oct. - Dec. 1968	1968
19700093312	Experimental study of the separation characteristics of rectangular bodies with various fineness ratios at Mach numbers 1.88 and 0.74	1968
19700093323	Space-surface path loss	1968
19700093325	Objectives in global communications	1968
19700093326	A highly survivable communications satellite system	1968
19700093331	Consolidated quarterly report 1 October - 31 December 1968	1968
19700093333	Elastomer-fabric laminates including barrier films Final technical report, 14 May 1965 - 14 Sep. 1968	1968
19700093338	Shock resistance testing of sonar transducers /U/ Summary report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093363	Evaluation of fixed, wirewound, precision, power type, wire lead terminal resistors	1968
19700093372	Evaluation testing of radio frequency connector 579R076H01	1968
19700093373	Report of test on semiconductor device, power rectifier, unitrode UT8105	1968
19700093374	The potential of Bayesian statistics in reliability engineering	1968
19700093377	Subsonic investigation of the separation characteristics of conformally carried weapons	1968
19700093379	Static stability characteristics of various configurations of a cubical store	1968
19700093382	Fixed wirewound resistors manufactured by Memcor, Incorporated	1968
19700093387	Type 0650, transistor, n-p-n, silicon, power	1968
19700093412	The development of thermionic heat pipe space power technology /U/ Monthly status report, 1-31 Aug. 1968	1968
19700093539	Symposium on materials for radioisotope heat sources /U/	1968
19700093582	Mars 2 control system	1968
19700093592	The 56 by 16 BF Goodrich aluminum wheel strain gauge test	1968
19700093594	F-104 Bendix /26 by 6.6/ aluminum main wheel roll	1968
19700093597	F-86 brake lining qualification test	1968
19700093599	Development of columbium alloy combinations for gas turbine blade applications Yearly summary technical report, 1 Jun. 1967 - 31 May 1968	1968
19700093610	F-104 /26 by 6.6/ aluminum main wheel roll	1968
19700093613	T-38 /20 by 4.4/ aluminum main wheel roll	1968
19700093615	C-124 flame sprayed drum brake test	1968
19700093618	F-100/F-106 brake adaptation to the overload modification to the F-106 aircraft	1968
19700093784	Terminal junction - Mode assembly interconnecting device	1968
19700093797	Mars 1969 Centaur/Mariner guidance accuracy analysis	1968
19700093802	Current information on lubrication and fuel technology. Surveys of foreign scientific and technical literature	1968
19700093809	The Modularized Vehicle Simulation /MVS/ system	1968
19700093823	The defect learning curve, an analysis technique	1968
19700093834	Method for evaluating the effectiveness and weight of aircraft deceleration devices Final report, 15 Jun. 1967 - 15 Jun. 1968	1968
19700093836	The use of consolidated and artificial soils for the laboratory study of vehicle mobility	1968
19700093840	Apollo acronym/abbreviation dictionary	1968
19700093859	Visioplasticity techniques for determining velocity and strain-rate fields during extrusion	1968
19700093878	The evaluation of some current disc materials. Part 2 - Results of tests at elevated temperatures using plain discs	1968
19700093881	Kansas City, Kansas and Kansas City, Missouri air pollution abatement activity. Phase 2 - Pre-conference investigations	1968
19700093932	An analysis of quick disconnect failures on lunar module and spacecraft ground support equipment	1968
19700093947	Nimbus meteorological satellite - Stabilization and control subsystem Monthly progress report	1968
19700093961	Some observations on the infra-red reflectance of foliage	1968
19700093965	Optical fundamentals of underwater photography	1968
19700093997	Satellite infrared spectrometer SIRS A, Nimbus B Progress report, 1-30 Sep. 1968	1968
19700094026	Satellite infrared spectrometer, SIRS A /Nimbus B/ Progress report, 1 Jun. - 30 Jun. 1968	1968
19700094045	Nimbus meteorological satellite integration and testing Final technical report, 16 Feb. - 18 May 1968	1968
19700094094	Satellite infrared spectrometer SIRS A, Nimbus B Progress report, 1-31 Jul. 1968	1968
19700094102	Satellite infrared spectrometer - SIRS A /Nimbus B/ Progress report, 1 Nov. - 31 Dec. 1968	1968
19700094107	Hypersonic Research Engine Project	1968
19700094143	Satellite infrared spectrometer - SIRS A /Nimbus B/ Progress report, 1-31 Oct. 1968	1968
19700094150	Satellite infrared spectrometer - SIRS A /Nimbus B/ Progress report, 1-31 Jan. 1968	1968
19700094152	Stabilization and control subsystem, Nimbus meteorological satellite flight system Monthly progress report, Mar. 1967	1968
19700094282	An analytical and experimental investigation of reusable launch vehicle configurations /U/ Interim report 1 Mar. - 1 Sep. 1968	1968
19700094297	RFI noise measurements report, PAR site, Boston, Massachusetts /U/	1968
19700094298	RFI noise measurements report, PAR, Grand Forks, North Dakota /U/	1968
19700094299	RFI noise measurements report, PAR, Detroit area /U/	1968
19700094300	RFI noise measurements report, PAR, Seattle area /U/	1968
19700094302	RFI noise measurements report, MSR, Boston, Massachusetts /U/	1968
19700094303	RFI noise measurements report, MSR, Fairdale, North Dakota /U/	1968
19700094304	RFI noise measurements report, MSR, New York City area /U/	1968
19700094305	RFI noise measurements report, MSR, Dallas area /U/	1968
19700094306	RFI noise measurements report, MSR, Whiteman AFB area /U/	1968
19700094401	Information transfer across national boundaries	1968
19700094402	Research concerning the two way, self closing air valve by the Advisory Bureau, Corps of Engineers	1968
19700094404	Development of a three-stage supersonic hot gas reaction valve	1968
19700094452	RFI noise measurements report, MSR, Chicago area /U/	1968
19700094453	RFI noise measurements report, MSR, Chicago area, 2 /U/	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094454	RFI noise measurements report, MSR, Detroit area /U/	1968
19700094465	Spectral reflectance of solid surfaces at low temperatures Monthly progress report, 1-31 Jan. 1968	1968
19700094476	Nimbus D automatic control system - Failure mode, effects, and criticality analysis. Part 3 - Supplement	1968
19700094499	Mission Control Center, Houston Quarterly progress report, 1 Oct. - 31 Dec. 1967	1968
19700094503	A study of color center formation in white powder compounds by high energy radiation Monthly report, 1 Sep. - 30 Sep. 1968	1968
19700094512	Mission Control Center Progress report, 1 Apr. - 30 Jun. 1968	1968
19700094521	Vibration test of granular materials verification of the theory on the anticipated model test dynamic behavior	1968
19700094528	Mission control center Progress report, 1 Jul. - 30 Sep. 1968	1968
19700094531	Space thermal control by use of solid/solid phase change materials Monthly progress report, 1-31 Aug. 1968	1968
19700094532	Space thermal control by use of solid/solid phase change materials Monthly progress report, 1-31 Oct. 1968	1968
19700094533	Space thermal control by use of solid/solid- phase change materials Monthly progress report, 1-30 Nov. 1968	1968
19700094542	Mission control center Progress report, 1 Jan. - 31 Mar. 1968	1968
19700094547	Failure mode, effects and criticality and safety analysis - Nimbus High Data Rate Storage System /HDRSS/	1968
19700094563	Laboratory test C-5A gyro GI-K7G, serial numbers 22, 35 and 37 Final report	1968
19700094564	WASP - A digital computer program for the linear elastic analysis of hybrid symmetrically loaded bodies of revolution	1968
19700094576	A staff study of aviation systems requirements - Denver metropolitan area	1968
19700094601	Launch readiness presentation. Nimbus B	1968
19700094650	Nimbus D clock receiver parts application report. Addendum A	1968
19700094657	Nimbus B reliability assessments and failure mode analysis Summary report	1968
19700094674	Nimbus D automatic control system failure mode, effects, and criticality analysis, part 2	1968
19700094755	Hydrocarbon - Air fuel cells Semiannual technical summary report, 1 Jan. - 30 Jun. 1968	1968
19700094855	Nimbus D automatic control system failure mode, effects, and criticality analysis, volume 1, part 1	1968
19700094875	Research and development. AMC RDTE facilities and capabilities register key	1968
19700094928	Proximity focused microchannel image intensifier tubes /U/ Final report, 21 Apr. 1967 - 21 Jun. 1968	1968
19700094961	Real time computer complex Monthly progress report no. 61	1968
19700094962	Real time computer complex Monthly progress report no. 67	1968
19700094965	Study of in situ degradation of thermal control surfaces Technical progress report, 1-31 Mar. 1968	1968
19700094968	Real time computer complex Monthly progress report no. 63	1968
19700094993	Real time computer complex Monthly progress report no. 70	1968
19700095083	Apollo/Saturn operation and maintenance - Orsino substation supervisory control system, technical manual	1968
19700095088	Isotope Reentry Vehicle /IRV/ design study	1968
19700095104	Nimbus D automatic control system failure mode, effects, and criticality analysis Part 2 - Supplement	1968
19700095111	Study of a lunar seismometer package	1968
19700095126	Investigation of the effects of low energy protons on specular reflectance of surfaces for space mirrors Quarterly progress report, 1 Nov. 1967 - 31 Jan. 1968	1968
19700095134	Electronics Research Center safety guide	1968
19700095135	On-board test equipment and on-board failure diagnostics of electronic components - A literature search	1968
19700095140	Fault isolation and diagnosis on multi-terminal electrical components - A literature search	1968
19700095141	Automatic test and planning procedures for navigation and air traffic control satellites - A literature search	1968
19700095152	Modeling a multi-sensor reconnaissance system	1968
19700095153	Model Vibrotron 9830/8150 pressure transducer serial 71	1968
19700095156	Model 2832A temperature sensor assembly	1968
19700095157	Model PT-404 pressure transducer, model WR-421 wave recorder, model WA-431 wave analyzer	1968
19700095161	Model 501 in situ current speed, current direction and temperature recording system	1968
19700095163	Optical attenuation by natural waters	1968
19700095165	Model M031 sound velocimeter	1968
19700095175	Electro-optical sensor analysis	1968
19700095181	Vibration tests with steam tubes of steam generators	1968
19700095182	Calculation of a tube plate using an element method internal overpressure	1968
19700095194	IRLS antenna interface study report	1968
19700095202	Fiscal year 1969 program plan	1968
19700095205	Supporting research and technology program, 1969. Part 2 - Subprograms 128-129	1968
19700095210	Nimbus D automatic control system failure mode, effects, and criticality analysis, part 3	1968
19700095214	Research in gas-surface interactions Status report, 19 Oct. 1967 - 21 May 1968	1968
19700095223	Developments in the technology of nuclear fuels during August - October 1968	1968
19700095244	Theoretical study of the radiative emissivity of materials Monthly progress report, 1-31 Jan. 1968	1968
19700095276	Investigation of fiber-reinforced metal matrix composites using a high energy-rate forming method Final report	1968
19700095322	Preliminary aspects of computerised acquisition and command on the CERN proton synchrotron and booster	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095348	IBM 1800 for the CERN proton synchrotron - Specifications and configuration	1968
19700095377	Microchannel plate array fabrication and development /U/ Quarterly interim technical report	1968
19700095380	Fiber optics microchannel wafer tubes /U/ Final report	1968
19700095409	Printed circuit electrical receptacle connectors	1968
19700095419	Human factors systems, SRT Research and technology progress reports, Jan. - Dec. 1967	1968
19700095433	Phosphorus isotopes P 32 - A literature search, supplement 1	1968
19700095468	Evaluation test of terminal block	1968
19700095529	High sensitivity equipment for measuring the horizontal electric field-strength component in the frequency interval of 1 - 32 Hz on the sea bottom in shallow water	1968
19700095544	Automatic plotting of isotherm profiles	1968
19700095560	RF current standard for the calibration of current probes	1968
19700095590	Maintenance manual. Volume 5 - Acceptance checkout equipment-spacecraft ground stations installed at Merritt Island launch area Florida	1968
19700095591	Acoustic and other physical properties of deep sea sediments in the Tyrrhenian abyssal plain	1968
19700095592	The ASW role in the logistic support of ground forces	1968
19700095599	The relationship of porosity with density, electrical resistivity, and sound velocity of some unconsolidated deep-sea sediments taken from the Tyrrhenian Sea	1968
19700095600	A recoilless piston for the Saclantcen sphincter corer	1968
19700095607	A simple and accurate formula for the calculation of the velocity of sound in sea water	1968
19700095608	A deep-sea electrical resistivity probe	1968
19700095641	Experiments with Polya processes	1968
19700095690	Cabin air requirements for crew comfort in military aircraft	1968
19700095706	Cobb chart resolution as a tool in photographic system design	1968
19700095707	Fatigue crack propagation experiments on vacuum remelted FV 535 steel	1968
19700095715	Crimp tensile, evaluation test, splices, multiwire NAS-1387, parallel	1968
19700095716	Crimp splice disconnect	1968
19700095747	Evaluation test, crimped terminal lugs, voltage drop and tensile strength	1968
19700095748	Evaluation of safe arm connectors	1968
19700095752	Inclusions in high-strength steels, their dependence on processing variables and their effect on engineering properties Progress report, 15 Oct. 1967 - 15 Feb. 1968	1968
19700095785	Calculations of the lift of slender, rectangular-fuselage high-wing combinations	1968
19700095786	A piloted simulator study of a jet VTOL aircraft in partially jet-borne flight	1968
19700095787	Reflection of an oblique shock wave by a turbulent boundary layer	1968
19700095788	Dependence of polymer glass transition temperature on heating rate	1968
19700095789	The RAE type test load for man-carrying parachutes	1968
19700095790	The effect of mean stress on fatigue crack propagation in half inch thick specimens of aluminium alloys of high and low fracture toughness	1968
19700095791	The effect of steady tailplane lift on the subcritical response of a T-tail flutter model	1968
19700095803	A method of calculating densities of polymers	1968
19700095835	Electrical resistance measurements and development of tri-layer collectors for externally heated cylindrical converters /U/	1968
19700095838	Laboratory studies of advanced propellants /U/ Interim report, 15 May 1967 - 15 May 1968	1968
19700095844	Mechanically attached splices	1968
19700095849	The reflectivity of the top layer in the Naples and Ajaccio abyssal plains	1968
19700095858	Life tests at elevated temperatures on linear and nonlinear potentiometers, film type	1968
19700095996	Model 4006 pressure transducer	1968
19700096032	Crimp tool evaluation	1968
19700096035	Fluidic air flow transmitter, square root extractor, and water level transmitter	1968
19700096036	Data package - Fabrication of BEC operational amplifier	1968
19700096056	ARES phase 1 program review, 13 February 1968 /U/	1968
19700096058	Connector, electrical, plug	1968
19700096062	Specifications for the hybrid interface for the NASA ERC pdp-10 computer	1968
19700096073	Direct probe/ground	1968
19700096074	Improved lunar cargo and personnel delivery system study, final presentation	1968
19700096162	Qualification of lighted pushbutton switches	1968
19700096181	Mental load analysis for man-machine systems Final report	1968
19700096186	Model TR-5 sound velocimeter	1968
19700096242	Cerebral structure and information storage	1968
19700096266	Rocket-borne 3914A N2+/- photometer Final report	1968
19700096344	Post-irradiation examination of the Mk. 2B sub-assembly DFR 209 at 6 percent maximum burn-up	1968
19700096427	A comparison of the spool, cone and hemisphere spin-axis gas-bearing configurations from the MTI infinite-groove theory	1968
19700096463	Remote multispectral sensing of earth resources	1968
19710006683	Developing Spectrosignature Indicators of Root Disease on Large Forest Areas	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
1971006691	Earth Resources Aircraft Program Status Review. Volume 3 - Hydrology, Oceanography, and Sensor Studies	1968
19710064704	Investigation of bacterial contamination inside electronic components, test 3	1968
19710064705	L2-stability of time-varying systems - Construction of multipliers with prescribed phase characteristics	1968
19710064756	Pallasitic meteorites - Implications regarding the deep structure of asteroids	1968
19710064865	Forward penetration of liquid water and liquid nitrogen injected from an orifice at the stagnation point of a hemispherically blunted body in hypersonic flow	1968
19710064870	Flight Investigation and Analysis of Alleviation of Communication Blackout by Water Injection During Gemini 3 Reentry	1968
19710064889	Comparison of Theoretical and Experimental Pressure Distributions on the HL-10 Manned Lifting Entry Vehicle at Mach 10.5	1968
19710064934	Aerodynamic characteristics of the HL-10 manned lifting entry vehicle at Mach 0.95 to 1.20	1968
19710065110	Orbital refueling and checkout study Final presentation brochure, supplement	1968
19710065112	Planetary Programs. New Concepts on Sterilization. 1 - Alternatives to Reduce the Problems from Terminal Heat Sterilization	1968
19710065135	Documentation list for Saturn Stage 2 Quarterly report	1968
19710065292	A double beam, high resolution spectrometer for the far infrared	1968
19710065293	Mass spectrometric studies of laser-induced vaporization. 3 - The arsenic-selenium system	1968
19710065311	Moral creativity in science and law	1968
19710065335	The implementation of operations research - A study of some aspects through man-machine simulation	1968
19710065455	Adipose tissue in altered lipid metabolism of rats exposed to centrifugation stress	1968
19710065471	Analytical evaluation of multicenter integrals of $1/r$ sub 12 with Slater-type atomic orbitals. 3 - /2-2/-type three-center integrals	1968
19710065476	Variational method for the ground state of multispecies quantum fluids	1968
19710065507	Hypersonic aerodynamic characteristics of the M2-F2 lifting entry configuration	1968
19710065562	Systems analysis and the technical writer's growing responsibility	1968
19710065759	Ancyrospora fallacia - A new sporomorph exhibiting deceptive variations in morphology	1968
19710065807	Radiation resistance study of sixteen channel MOS and MNS multiplexers Final report	1968
19710066189	Crack propagation theories	1968
19710066228	Design and analysis of cooled turbine blades. Part 4 - Combined methods of cooling	1968
19710066231	Design and analysis of cooled turbine blades. Part 5 - Life prediction of selected designs	1968
19710066232	Design and analysis of cooled turbine blades. Part 2 - Convection cooled nozzles and buckets	1968
19710066234	Design and analysis of cooled turbine blades. Part 3 - Transpiration and multiple small hole film cooled nozzles and buckets	1968
19710066450	A study of energy transfer processes in ionized gases Final report	1968
19710066667	NERVA materials irradiation program, GTR test 19. Volume 2 - Comprehensive presentation of material property data, supplement 10	1968
19710066787	Pressurization systems design guide. Volume 3 - Pressurant gas solubility in liquid propellants	1968
19710066807	A control model of the vestibular system	1968
19710066816	Problems in radiation dose calculations in spacecraft. 1 - Electrons	1968
19710066827	The processes of technological innovation - A conceptual systems model	1968
19710066863	Analytical investigation of the attitude stability of space vehicles	1968
19710066912	Propulsion and space vehicle systems analysis program - Tensor 1, volume 1	1968
19710067136	Quantum-thermodynamic definition of electronegativity	1968
19710067189	Classification and dynamic calibration of ionization sensors and detectors	1968
19710067299	OGO program bibliography	1968
19710067401	Research and development for domestic imperatives - A design for decision	1968
19710067440	Plasma and magnetic field observations during the magnetosphere passage of Pioneer 7	1968
19710067443	Diimide formation via an aziridine rearrangement	1968
19710067525	The Savannah District model technical library, phase 1 Technical report, Jun. - Sep. 1968	1968
19710067582	Effects of lattice defects on thermoluminescence in lithium fluoride crystals	1968
19710067772	Development of a high intensity standard of total and spectral irradiance Final report, 1 Jul. 1967 - 30 Jun. 1968	1968
19710067854	Hypersonic research engine project. Phase 2A - Fuel system development /data item number 55-5.08/ Terminal summary report, 20 Mar. 1967 - 10 Sep. 1968	1968
19710067855	Hypersonic research engine project - Phase 2A, fuel system development. Data item no. 55-5.04 Interim technical data report, 20 Dec. 1967 - 19 Mar. 1968	1968
19710067858	Hypersonic research engine project. Phase 2A - Fuel system development /data item number 55-5.03/ Interim technical data report no. 3, 20 Sep. - 19 Dec. 1967	1968
19710067861	Hypersonic research engine project. Phase 2A - Fuel system development /components/ /data item number 55-5.06/ Interim technical data report no. 6, 20 Jun. - 19 Sep. 1968	1968
19710067862	Hypersonic research engine project. Phase 2A - Fuel system turbopump development /data item number 55-5.07/ Terminal summary report, 3 Apr. 1967 - 7 Oct. 1968	1968
19710067865	Hypersonic research engine project. Phase 2A - Fuel system development, data item no. 55-5.05 Interim technical data report no. 5, 20 Mar. - 19 Jun. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710067869	A critical review of systems analysis - The California experience	1968
19710067881	Hypersonic research engine project. Phase 2A - Control system development /data item number 55-6.03/ Interim technical data report no. 3, 3 Oct. 1967 - 2 Jan. 1968	1968
19710067943	Attention	1968
19710068066	An investigation of the boiler conditioning and heat transfer characteristics in a mercury-tantalum system	1968
19710068276	Analyses of iron meteorites	1968
19710068288	Hypersonic research engine project, phase 2A control system development Interim technical data report, 3 Apr. - 2 Jul. 1968	1968
19710068389	Solar cell cover glass development Quarterly report, 1 Oct. 1967 - 1 Apr. 1968	1968
19710068458	Modifications to interim visual spaceflight simulator Final report	1968
19710068485	Study, cost, and system analysis of liquid hydrogen production	1968
19710068542	Asymmetric synthesis of amino acids	1968
19710068632	Convective instability in a temperature and concentration field	1968
19710068728	AIMP D and E magnetic field analysis	1968
19710068822	A study of the economic benefits and implications of space station operations. Volume 2 - Cost/benefit methodology	1968
19710068824	A study of the economic benefits and implications of space station operations. Volume 1 - Summary	1968
19710068825	A study of the economic benefits and implications of space station operations. Volume 3 - Case studies	1968
19710068950	Sample sizes for approximate independence of largest and smallest order statistics	1968
19710068994	Solar cell contact deposition parameter study Quarterly report, 30 Aug. - 30 Nov. 1968	1968
19710069012	Solar cell contact development Quarterly report, 28 Jun. - 28 Sep. 1968	1968
19710069060	Test program and procedures for additional reactivity measurements on configuration 9 of the wave experiments - Cavity reactor critical experiment	1968
19710069135	A continuum approach to blood flow	1968
19710069250	Potassium-feldspar phenocrysts in the surface of colomera, and iron meteorite	1968
19710069254	Catalog of correlative data	1968
19710069483	A generalized narrow groove theory for the gas lubricated herringbone thrust bearing Interim report	1968
19710069538	Analysis of man/machine systems	1968
19710069672	Computerized instruction and the learning process	1968
19710069763	Optimum packaging design and component sparing policies for extended manned space missions	1968
19710069903	Effect of thalamocortical activation on recruiting responses. 2 - Peripheral and central neural stimulation	1968
19710070294	SNAP-8 turbine labyrinth seal galling tests	1968
19710070318	SNAP-8 boiler development - Evaluation of SB-1 boiler test results and proposed design modifications	1968
19710070345	DCHT - Double containment boiler hydrogen transport computer program for SNAP-8	1968
19710070374	Design review of Bare Refractory Double-Containment Boiler /BRDC/ for PCS-G SNAP-8	1968
19710070526	Propulsion systems for initially accelerating a supersonic-combustion-ramjet cruising transport	1968
19710070742	Full-scale wind-tunnel investigation of the aerodynamic characteristics of the M2-F2 lifting body flight vehicle	1968
19710070747	DENDRAL - A system for computer construction, enumeration and notation of organic molecules as tree structures and cyclic graphs. Part 3 - Complete chemical graphs, embedding rings in trees	1968
19710071237	New pulsating radio source	1968
19710071454	Thermodynamic description of the solid solution of carbon, nitrogen, and oxygen in niobium and tantalum	1968
19710071457	Damping and Young's modulus measurement by pulsed stress wave techniques	1968
19710071460	Communications subsystem study guide, Lunar Module LM-3	1968
19710071489	Electrical power subsystem study guide - Lunar module LM-3	1968
19710071492	Radar section study guide, Lunar Module LM-3	1968
19710071493	Flat cable applications engineering study, phase 3, volume 2 Final report	1968
19710071520	Fatigue properties of sheet, bar, and cast metallic materials for cryogenic applications	1968
19710071522	Propulsion and RCS subsystem study guide - Lunar Module LM-3	1968
19710071523	Environmental control subsystem study guide - Lunar Module LM-3	1968
19710071524	Instrumentation study guide - Lunar Module LM-3	1968
19710071525	Abort guidance section study guide - Lunar Module LM-3	1968
19710071526	Control electronics section study guide - Lunar Module LM-3	1968
19710071550	Investigation of hologram techniques Final report	1968
19710071673	Three-Axis Ring Laser System /U/ Final Report	1968
19710071750	Relative effects of roll and yaw motion cues in manual control	1968
19710071765	Background for specification, engineering and operational realization of inertial sensors to meet the requirements of high quality control, navigation and guidance systems adaptable to marine, aeronautical and astronautical vehicles of all kinds	1968
19710072598	Interference reduction techniques for frequency converters Final report, 1 Mar. 1967 - 30 Apr. 1968	1968
19710072708	An application of actuator disc theory to axial compressor blading of prescribed geometry	1968
19710072722	Development of a shock/particle velocimeter for use close-in to underground explosions Final report	1968
19710072725	Vectored-thrust cruise propulsion system development program. Volume 1 - Demonstrator engines and full-scale deflector. Part 1, phase 1 development /U/ Final report, 1 Jan. 1966 - 28 Dec. 1967	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072726	Vectored-thrust cruise propulsion system development program. Volume 2 - Component development and support studies. Part 1 Phase 1 development /U/ Final report, 1 Jan. 1966 - 28 Dec. 1967	1968
19710072733	Liquid propulsion technology /U/ Technical status report, Jul. - Sep. 1968	1968
19710072843	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 31 Jul. - 31 Aug. 1968	1968
19710072901	Plutonium 238 space electric power fuel development program Quarterly status report, 1 Jul. - 30 Sep. 1968	1968
19710072905	Why simple theoretical models work	1968
19710072953	The Technology Assessment Function. Part 2, Chapter 6 - Illustrative Cases of the Assessment of Technological Applications	1968
19710072969	Compilation of papers presented at OART-OSSA Meteoroid Environment Workshop	1968
19710072970	The flux of meteors and micrometeoroids in the neighborhood of the earth	1968
19710072971	Meteor radar system	1968
19710072972	Prairie network findings and implications	1968
19710072973	Image orthicon detection system	1968
19710072975	Langley Research Center meteor research	1968
19710072976	An estimate of the near-earth meteor flux	1968
19710072977	Excitation and ionization reactions of meteor flight	1968
19710072978	Some recent micrometeorite experiments	1968
19710072979	AFCRL cosmic dust collection	1968
19710072980	Summary of results from luster and Gemini experiments	1968
19710072981	Manned Spacecraft Center participation on the Gemini experiment S-12	1968
19710072982	A new criterion for the identification of micrometeor impact sites on aluminized glass	1968
19710072983	Influence of micrometeorite ablation in the atmosphere	1968
19710072984	Description and expected results of experiments under development	1968
19710072985	Meteoroid collection and analysis experiment	1968
19710072986	Summary of information concerning recent cosmic dust space experiments using acoustical transducer sensors	1968
19710072987	Cosmic dust detection	1968
19710072988	Sensor calibrations and studies using simulated micrometeoroids	1968
19710072989	Performance characteristics of micrometeoroid impact sensors in simulated combined space environment	1968
19710072990	Experiments under development at MSC	1968
19710072991	Summary S-55 project results	1968
19710072992	Pegasus meteoroid data analysis	1968
19710072993	Calibration of Pegasus and Explorer 23 detector panels	1968
19710072994	Results of lunar orbiter meteoroid measurements	1968
19710072995	Interplanetary dust - The zodiacal light and meteoroid measurements	1968
19710072996	Approaches for additional meteoroid flight experiments	1968
19710072997	Prospective MSC experiments	1968
19710072998	Near earth, cislunar, and lunar surface meteoroid environment	1968
19710072999	Collisional model of asteroids and their debris	1968
19710073000	Interplanetary meteoroid environment and hazard	1968
19710073001	Effects of possible low mass meteoroid cut-off on the development of meteoroid mass flux models	1968
19710073002	The effects of the meteoroid environment parameters on single and double wall design	1968
19710073003	Detection of reflector degradation by micrometeoroids	1968
19710073008	Development of field ionization for the improvement of mass spectrometry Quarterly progress report, 25 Jun. - 25 Sep. 1968	1968
19710073023	A study of environmental effects upon particle radiation induced absorption bands in spacecraft thermal control coating pigments Quarterly progress report, 1 Dec. 1967 - 29 Feb. 1968	1968
19710073046	Total atmosphere simulator	1968
19710073114	Mission Planners Guide to the Burner 2	1968
19710073173	Liquid propulsion technology /U/ Technical status report, Oct. - Dec. 1968	1968
19710073181	Investigation of low speed fixed geometry scramjet /U/ Final report	1968
19710073223	Upper stage technology demonstration program, volume 1 /U/ Final report	1968
19710073224	Upper stage technology demonstration program, volume 3. Appendix 3 - Propellant and liner development. Appendix 4 - Observations of window bomb and window motor firings. Appendix 5 - Literature survey /U/ Final report	1968
19710073225	Liquid propulsion technology /U/ Technical status report, Jan. - Mar. 1968	1968
19710073227	An analytical investigation for the application of structural concepts to hypersonic inlet configurations. Volume 1 - Analytical investigation /U/	1968
19710073228	An analytical investigation for the application of structural concepts to hypersonic inlet configurations. Volume 2 - Appendixes /U/	1968
19710073229	An investigation of reactants for high energy storage /U/ Final report	1968
19710073232	Eject launch parameter study. Volume 4 - Appendixes /U/ Final report	1968
19710073351	Division of Space Nuclear Systems /U/ Monthly activities report, Sep. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073352	Isotopic power fuels /U/ Monthly status report, Jun. 1968	1968
19710073356	Isotopic power fuels /U/ Monthly status report, Nov. 1968	1968
19710073390	Division of Space Nuclear Systems /U/ Monthly activities report, Dec. 1968	1968
19710073400	Isotopic power fuels /U/ Monthly status report, May 1968	1968
19710073402	Space electric power program space nuclear systems division /U/ Quarterly progress report, Jan. - Mar. 1968	1968
19710073426	Procedure for testing compatibility of materials for liquid oxygen systems	1968
19710073438	Reliability verification test for LMSC P/N 2360739-1, general purpose diode	1968
19710073440	Integrated circuit, operational amplifier	1968
19710073441	Incandescent lamp, T-1-3/4 volt	1968
19710073454	Pressure switch, adjustable 300 psig hydraulic fluid, custom components	1968
19710073568	Light, instrument fixture assembly	1968
19710073571	NASA research and technology advisory panel on materials for aircraft engines	1968
19710073576	Modern microelectronics for digital adaptive control systems	1968
19710073582	Variable current gain model for semiconductor circuit analysis	1968
19710073601	Octal tube socket, 8 contacts	1968
19710073605	Sterilization effects on piece parts Final report	1968
19710073606	LS-41 flashing beacon	1968
19710073719	SOS diode array memories	1968
19710073758	Passive microwave sensing at North American Rockwell Corporation	1968
19710073762	Growth habit in single crystal films growth over wires	1968
19710073763	Hybrid circuit packaging - An overview	1968
19710073812	Development of design criteria for 7075 aluminum alloy rivets	1968
19710073835	Automatic laser encoding of semiconductor read-only memories	1968
19710073838	Statistical modeling of semiconductor devices for the TREE environment	1968
19710073873	Relative degradative effects due to gamma and beta interactions in silicon and silicon dioxide	1968
19710074054	Evaluation of resistor and resistor-capacitor modules for use in Illiac 4	1968
19710074124	Acceptance checkout equipment - Spacecraft documentation list, 1 July - 31 December 1967	1968
19710074175	Reliability verification test for LMSC P/N 2360748-1, n-p-n general purpose transistor	1968
19710074219	Investigation of High and Low Temperature Resistant Explosive Devices	1968
19710074358	Evaluation of Amphenol Potentiometer RT22	1968
19710074485	Reflectometer experiment Post-launch monthly report	1968
19710074560	A multiple linear regression program /MULT/ for use in captive flight/launch aerodynamics	1968
19710074670	Development of Atmospheric Gust Criteria for Supersonic Inlet Design Comparison of Analytical Inlet Models with Experiment /U/	1968
19710074673	Development of multiple-increment selectable- impulse motors /U/	1968
19710074752	Monochromatic light intensities above the atmosphere resulting from atmospheric scattering and terrestrial reflection	1968
19710074831	Attenuator, coaxial	1968
19710074832	Capacitor, fixed, mica	1968
19710074844	Acoustic attenuation of the transverse travelling mode in a cold combustion chamber model	1968
19710074848	The tensile properties of some structural materials in the temperature range 293 K to 20 K. Part 2 - Aluminium alloy sheet D74S WP	1968
19710074849	Chemical kinetics in a fluctuating environment. Part 1 - Temperature fluctuations, Monte Carlo simulation	1968
19710074855	The effect of jet temperature on base pressure	1968
19710074856	Perchlorates - A review of their thermal decomposition and combustion, with an appendix on perchloric acid	1968
19710074939	Saturn 5 system definition, volume 1	1968
19710075065	Equalization for data transmission	1968
19710075120	Implementation and performance of ADEM	1968
19710075157	The 1975 Jupiter flyby mission using a solar electric spacecraft	1968
19710075165	SNAP 19 Program. Intact Reentry Heat Source Design Development Report	1968
19710075211	Heaters, book 2	1968
19710075401	Integrated circuit, quad two-input gate Final specification	1968
19710075403	Volume swell of EP rubber in various solvents	1968
19710075407	Evaluation of a permanent marking ink for part identification	1968
19710075411	Retainer-captive screw, 6-32 UNC-2B	1968
19710075442	Qualification tests of BuWeps 2621756 resistors	1968
19710075443	Qualification tests of BuWeps 2621757 resistors	1968
19710075472	Probe, thermistor, isotherm, Fenwal Electronics, Inc., SERT 2	1968
19710075517	Transformers	1968
19710075535	Contact, coaxial, miniature	1968
19710075538	Printed circuit connector, 22 position, rectangular, January 1968	1968
19710075540	Printed circuit connector, 22 position, rectangular	1968
19710075584	Captive panel screw, 6-32, CRES, slotted head	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075585	Contact, coaxial, miniature	1968
19710075623	Hardware. Electrical contacts Final specification	1968
19710075626	Synchro application data	1968
19710075662	The use of radiosonde records to examine the occurrence and properties of lee waves in the troposphere and lower stratosphere	1968
19710075724	Connector application data	1968
19710075726	Measurement of the spatial coherence and intensity correlation functions of atmospherically distorted laser waves at 0.63 and 10.6 microns	1968
19710075734	Financial variables associated with R and D expenditures by industry	1968
19710075736	Antelope reliability verification test procedure, BUWEPS-P/N2360734-1 diode, general purpose RVTP 3052/2	1968
19710075768	Variable inductor, miniature	1968
19710075787	The process of setting safety standards in the courts, Congress, and administrative agencies	1968
19710075803	Military potential test of mechanical rain repellent system Final report	1968
19710075804	Application data, fixed capacitors	1968
19710075808	Application data, resistors	1968
19710075809	Antelope reliability verification test procedure BUWEPS-P/N2360734-1 diode, general purpose	1968
19710075811	Selection and application of RFI filters	1968
19710075812	Relays, selection and application data	1968
19710075954	High performance, high gain, operational amplifier muA709	1968
19710075955	Connector, miniature, mated pair miniature	1968
19710075989	Stress rupture and tensile properties of Rene' 41 welded by EB and GTA processes	1968
19710076013	High energy rate forging press design Final technical report, 29 Apr. - 31 Oct. 1968	1968
19710076018	Reflectometer experiment	1968
19710076035	Iron base alloys - 18Ni maraging steels	1968
19710076319	Relay, micro miniature latching-4PDT	1968
19710076321	Relays, micro-miniature, DPDT	1968
19710076328	Regulator, current, constant	1968
19710076329	Relay, miniature 4PDT and DPDT magnetic latching	1968
19710076342	Examination of seamless tube material	1968
19710076351	Transistor, PNP, silicon, switching	1968
19710076398	Mechanical properties of E. B. Welds in 2219 aluminum	1968
19710076550	Results of low-visibility landing program. Advanced development of control-display concepts Final report, 23 May 1966 - 22 May 1967	1968
19710076580	Evaluation of TD nickel-20 percent chromium 0.020 inch thick sheet TIG welded with Hastelloy X	1968
19710076705	Transistor p-n-p silicon, switching	1968
19710076709	Capacitor, fixed, paper, dielectric, Sprague Company Raytheon part number 144734/3	1968
19710076764	Transistor, p-n-p, germanium	1968
19710076869	Evaluation testing of RF connector	1968
19710076871	Particle separator efficiency evaluation and development program for U21A aircraft. Phase 1 - Engine and cowl ground tests Final report	1968
19710076926	Hydroline Manufacturing Company, hydraulic cylinder, P/N 506-153-1B	1968
19710076977	Air defense modeling study. Volume 1 - Minimum Altitude Visibility Diagram /MAVD/	1968
19710076978	Air defense modeling study. Volume 2 - A method to achieve optimum air defense sensor allocation Final report	1968
19710076985	Dip-coating photo resists on circuit boards	1968
19710076991	Transformer, saturable core, Microtran 00348	1968
19710076992	Transformer saturable core, Ferrodyne 21645	1968
19710077216	Optical design of a two-element echelce spectrograph	1968
19710077219	Digital holograms and kinoforms - Phase shaping objects	1968
19710077235	Evaluation of Ucon 'A' quenchant on 7075 and 2024 aluminum alloy Process control test report	1968
19710077241	Capacitor, glass	1968
19710077273	Power supply, miniature, 1 in less than or equal to 40MA., V sub 0 delta load less than or equal to .010 VDC V sub 0 delta line .005 VDC, V sub out 5 plus or minus .010 VDC	1968
19710077292	Sparrow 3 AIM-7F Pre-Flight Rating Test /PFRT/ report, volume 2	1968
19710077298	Sparrow 3 AIM-7F qualification test report, volume 2	1968
19710077323	Systems approaches to multi-variable socioeconomic problems - An appraisal	1968
19710077343	The technology assessment function, part 1	1968
19710077362	Prediction of pressure response in low pressure flow regimes	1968
19710077385	The control of incinerator caused air pollution in New York City - 1946 - 1953	1968
19710077386	A self centering precision measuring device for long internal bores /Bore-mouse/	1968
19710077409	Processing, application, and evaluation of sealants for fuel tanks in advanced space structures Quarterly progress report, 1 Jul. - 30 Sep. 1968	1968
19710077414	The development and use of organizational productivity measures	1968
19710077441	Switch, push, with incandescent indicator	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077598	Environmental Studies Using Gemini Photography	1968
19710077648	Structural demonstration and field landing tests of the model TH-57A helicopter, volume 1	1968
19710077649	Structural demonstration and field landing tests of the model TH-57A helicopter, volume 2	1968
19710077651	Planetary systems, Venus probe study Final report	1968
19710077652	Planetary systems, Venus probe study Final report /appendices/	1968
19710077672	Cryogenic thermocouple tables. Part 2 - References materials versus thermocouple alloys	1968
19710077822	Contractor's Independent Research and Development Program (IR and D)	1968
19710077932	The chemical kinetics and the composition of the earth's atmosphere	1968
19710078096	Broadband UHF transistor structure Interim technical report, 8 Apr. - 30 Jun. 1968	1968
19710078100	Broadband UHF transistor structure Interim technical report, 1 Dec. 1967 - 28 Feb. 1968	1968
19710078101	Broadband UHF transistor structure Interim technical report, 1 Jul. - 30 Sep. 1968	1968
19710078387	Feasibility study of auxiliary power systems for Army turbine powered aircraft	1968
19710078388	Stretch Procedures Manual /SPM/, volume 1	1968
19710078389	Stretch Procedures Manual /SPM/, volume 2	1968
19710078416	Semiconductor, diode, zener, silicon 50 watts	1968
19710078795	ICROG two-dimensional kinetic nozzle analysis computer program	1968
19710078863	Evaluation study of punched tapes	1968
19710079080	Gate valve, manually operated, 4 inch, 300 pound, Pacific Valve Company, Model 58530F/8-12T-ASA	1968
19710079091	Qualification test report - Test number 466, capacitor, fixed, paper	1968
19710079191	Temperature distribution in face seals Final report	1968
19710079237	Advanced satellite tracking instrumentation study Final report	1968
19710079379	Coil, radio frequency, tunable, shielded	1968
19710079413	Qualification test report, test number 258, diode	1968
19710079414	Qualification test report, test number 429, transformer, delay, toroid	1968
19710079415	Qualification test report, test number 432, transformer, current sensing	1968
19710079416	Evaluation of electronic timer, addendum	1968
19710079417	Evaluation test for electronic timer, addendum	1968
19710079593	Evaluation test report - Test number 446a, capacitor, fixed paper	1968
19710079697	Capacitor, variable, ceramic dielectric, 1.6 to 9.0 pf, 50 WVDC	1968
19710079705	Vendor comparison and spec confirmation on 1/2 inch square trimmers	1968
19710079733	Filter, low pass, coaxial, 450 MHz	1968
19710079740	Capacitor, variable, ceramic dielectric, 12.0 to 60.0 pf, 50 WVDC	1968
19710079877	Connector, coaxial, jack, bulkhead	1968
19710080164	A technique to calculate the Mach number and peak overpressure of a shock front from arrival time data	1968
19710080380	Communications-Electronics 75 /CE-75/ phase 1 - Field army. Volume 9, annex L - Man machine interface	1968
19710080385	Communications-Electronics-75 /CE-75/, phase 1 - Field army. Volume 5 - Annex F - Communications planning and systems control Final draft	1968
19710080573	Development of high-temperature ceramic rectifiers thyratrons, and voltage reference tubes Monthly progress report, 28 Jul. - 27 Aug. 1968	1968
19710080590	Fabrication and test of a space power boiler feed electromagnetic pump Monthly progress report, 3 Apr. - 3 May 1968	1968
19710080594	An evaluation of armored aircrew crash survival seats	1968
19710080599	Determination of biaxial creep strength of T-3 tantalum alloy Monthly progress report, 8 Jun. - 8 Jul. 1968	1968
19710080600	Potassium boiler development program Monthly progress report, 30 Nov. - 31 Dec. 1968	1968
19710080602	Turbine engine and turbine engine component cost Final report	1968
19710080606	Advanced refractory alloy corrosion loop program Monthly progress report, 15 Nov. - 15 Dec. 1968	1968
19710080607	Advanced refractory alloy corrosion loop program Monthly progress report, period ending Jun. 1968	1968
19710080608	Determination of elevated temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Dec. 1967 - 1 Jan. 1968	1968
19710080609	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Apr. - 1 May 1968	1968
19710080610	Determination of elevated temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Mar. - 30 Apr. 1968	1968
19710080612	A study of color center formation in white powder compounds by high energy radiation	1968
19710080637	Effects of vacuum level on solar receiver materials Monthly progress report, 2 Oct. - 2 Nov. 1968	1968
19710080643	Determination of biaxial creep strength of T-111 tantalum alloy Monthly status report, 8 Apr. - 8 May 1968	1968
19710080646	Development of high-temperature ceramic rectifiers, thyratrons, and voltage reference tubes Monthly progress report, 28 Apr. - 27 May 1968	1968
19710080647	Development of high-temperature ceramic rectifiers, thyratrons, and voltage reference tubes Monthly progress report, 28 Nov. - 27 Dec. 1968	1968
19710080650	Three-stage potassium turbine design and fabrication Monthly progress report, 5 Jan. - 5 Feb. 1968	1968
19710080652	Three-stage potassium turbine design and fabrication Monthly progress report, 5 Dec. 1967 - 5 Jan. 1968	1968
19710080655	Development of large diameter T-111 alloy tubing Monthly letter report, 6 Jul. - 6 Aug. 1968	1968
19710080658	Development of large diameter T-111 alloy tubing Monthly letter report, 6 Jun. - 6 Jul. 1968	1968
19710080659	Development of large diameter T-111 alloy tubing Monthly letter report, 6 Dec. 1967 - 6 Jan. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080670	Determination of biaxial creep strength of T-111 tantalum alloy Monthly status report, 8 May - 8 Jun. 1968	1968
19710080675	Advanced refractory alloy corrosion loop program Monthly progress report, 15 Jul. - 15 Aug. 1968	1968
19710080676	Advanced refractory alloy corrosion loop program Monthly progress report, 15 Aug. - 15 Sep. 1968	1968
19710080679	Fabrication and test of a space power boiler feed electromagnetic pump Monthly progress report, 3 Dec. 1967 - 3 Jan. 1968	1968
19710080701	Cannon Company lanyard plugs, part number KPT06P12-10P-16	1968
19710080703	Flexonics Division, Calumet and Hecla, Incorporated hydraulic supply hose, P/N 08479	1968
19710080705	Flexible Tubing Corporation expansion joint, P/N L-9	1968
19710080720	Some mechanical properties of carbon fibre reinforced thermoplastics	1968
19710080729	Fabrication and test of a space power boiler feed electromagnetic pump Monthly progress report, 3 Nov. - 3 Dec. 1968	1968
19710080745	Three-stage potassium turbine design and fabrication Monthly progress report, 5 Apr. - 5 May 1968	1968
19710080757	Advanced refractory alloy corrosion loop program Monthly status report, 15 Feb. - 15 Mar. 1968	1968
19710080787	Development of large diameter T-111 alloy tubing Monthly letter report, 6 Sep. 1968 - 6 Oct. 1968	1968
19710080801	Advanced refractory alloy corrosion loop program Monthly status report for period ending 15 Feb. 1968	1968
19710080802	Determination of the supersonic additive drag of several similar inlet configurations of the type used in the F-111 Technical report, Jan - May 1968	1968
19710080879	Propulsion control and variable pitch propeller systems for the 100 ton captured air bubble testcraft volume 3 Final report, 15 Jan. - 15 Oct. 1968	1968
19710080880	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 1 Nov. - 1 Dec. 1968	1968
19710080890	Propulsion control and variable pitch propeller systems for the 100 ton captured air bubble testcraft, volume 1 Final report, 15 Jan. - 15 Oct. 1968	1968
19710080925	Information for experiment sponsors for NASA Plum Brook Reactor Facility	1968
19710080935	Development of large diameter T-111 alloy tubing Monthly letter report, 6 Nov. 1967 - 6 Dec. 1967	1968
19710080969	Propulsion control and variable pitch propeller systems for the 100-ton captured air bubble testcraft, volume 2 Final report, 15 Jan. - 15 Oct. 1968	1968
19710080998	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Nov. - 1 Dec. 1968	1968
19710081012	Mechanical signature analysis, a new tool for product assurance and early fault detection	1968
19710081041	Determination of body dynamics from remote optical sensors /U/	1968
19710081065	Determination of biaxial creep strength of T-111 tantalum alloy Monthly status report, 9 Jul. - 8 Aug. 1968	1968
19710081127	Emissivity coatings for low-temperature space radiators Monthly progress report, 1-31 Aug. 1968	1968
19710081128	Emissivity coatings for low-temperature space radiators Monthly progress report, 1-30 Jun. 1968	1968
19710081129	Emissivity coatings for low-temperature space radiators Monthly progress report, 1-31 Jul. 1968	1968
19710081188	Microcircuit, 4-bit binary counter	1968
19710081229	Airborne MHD generator development Interim technical report	1968
19710081300	Determination of the structural integrity of filter-separator elements by nondestructive testing Final technical report, 1 Feb. - 31 Nov. 1968	1968
19710081332	Determination of biaxial creep strength of T-111 tantalum alloy Monthly progress report, 8 Sep. - 8 Oct. 1968	1968
19710081341	Critique of report, vector methods of data reduction for the CI-42 and CI-3 wind sensors	1968
19710081366	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 30 Nov. - 28 Dec. 1967	1968
19710081367	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 29 Feb. - 28 Mar. 1968	1968
19710081368	Emissivity coatings for low-temperature space radiators Monthly progress report, 1-30 Apr. 1968	1968
19710081518	Advanced refractory alloy corrosion loop program Monthly status report, 15 Apr. - 15 May 1968	1968
19710081526	February monthly report	1968
19710081537	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Feb. - 1 Mar. 1968	1968
19710081538	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 May - 1 Jun. 1968	1968
19710081541	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 1 Oct. - 1 Nov. 1968	1968
19710081646	Investigation of the effects of low-energy protons on specular reflectance of surfaces for space mirrors Quarterly progress report, 1 May - 1 Aug. 1968	1968
19710081654	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Aug. - 1 Sep. 1968	1968
19710081655	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Jun. - 1 Jul. 1968	1968
19710081656	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 25 Apr. - 31 May 1968	1968
19710081657	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 1 Aug. - 1 Sep. 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081740	Coupler, directional, 50 db, type N	1968
19710081781	Coupler, directional, 30 db, type N	1968
19710081783	Vented hydrofoil steering for a CAB craft, phase 1 Final report	1968
19710081823	Robbins Aviation, Incorporated Part Number SSKA-250-4C-768, Hand Valve	1968
19710081824	Marotta Valve Company 3000 psig double solenoid valves, P/N 806177 modified	1968
19710081927	Coupler, directional, 20 db, type N	1968
19710082045	Coupler, directional, 20 db, BNC	1968
19710082054	Sage engineering and valve company relief valve P/N 511-8D-8AA	1968
19710082382	Satisfaction of basic human needs - The key to junior officer motivation	1968
19710082425	Emissivity coatings for low temperature space radiators Progress report, 1-31 Mar. 1968	1968
19710082464	Documentation of standard analytical programs	1968
19710082504	On the requirements for meteorological instrumentation in the DTC test program	1968
19710082581	Vaporization rate, vapor pressure, composition discontinuity, and certain thermodynamic properties of refractory compounds at temperatures up to 3000 degrees C	1968
19710082604	The buckling of stiffened cylindrical shells	1968
19710082686	Emissivity coatings for low temperature space radiators Progress report, 1-30 Nov. 1968	1968
19710082728	Monthly progress report, December 1967	1968
19710082731	Determination of emissivity of materials to be used in radiators for nuclear electric power generating systems Monthly progress report, 14 Feb. - 13 Mar. 1968	1968
19710082748	Monthly report, April 1968	1968
19710082751	Emissivity coatings for low temperature space radiators Monthly progress report, 1-31 Oct. 1968	1968
19710082790	Emissivity coatings for low temperature space radiators Progress report, 1 Jan. - 31 Jan. 1968	1968
19710082953	Tests of Solex-1/58/	1968
19710083198	Belfast C Mk 1 initial assessment of the autoland performance	1968
19710083286	Emissivity coatings for low temperature space radiators Progress report, 1 - 29 Feb. 1968	1968
19710085027	VSTOL landing and takeoff - Time, fuel, and safety considerations /U/	1968
19710085029	Establishing production capability for mass producing BA-4386 / //PRC-25 batteries using the Balaguer reverse-electrode cell construction of US patent 2,903,499 Quarterly report, 1 Jan. - 31 Mar. 1968	1968
19710085052	Development of dosage models and concepts Annual summary report for period ending 31 Sep. 1968	1968
19710085410	Reduction of microbial dissemination, germicidal activity of ethylene oxide Summary progress report no. 10	1968
19710086398	Standard arm Mod O missile design evaluation test program report	1968
19710086456	Lockheed Air Combat Analysis Model /LACAM/ position report	1968
19710086614	Performance evaluation of possible failure modes that may occur in the thermoelectric junction used in the short range viewer Final technical report, Nov. 1968 - Mar. 1969	1968
19710086788	Tescom Corporation manual valve, part no. 30-1201-512-016	1968
19720010703	Aerial infrared reconnaissance of the Steamboat Springs area Nevada	1968
19720062259	Weld Fabrication of Large 2219 Aluminum S-IC Booster Components	1968
19720062473	The University of Michigan notes for a program of study in remote sensing of earth resources, 14 February - 3 May 1968	1968
19720062826	Solid state, self lubricating materials for possible use in precision slip rings	1968
19720062827	Special problems related to materials, processing, and operation of slip-ring assemblies used in ST-124M stabilized inertial guidance platform	1968
19720062828	Special problems related to materials, processing, and operation of slip-ring assemblies used in ST-124M stabilized inertial guidance platform	1968
19720063063	Temperature and lifetime effects on the performance of a nuclear-powered airplane	1968
19720063654	Environmental cycling of Gemini space suit materials and components	1968
19720063847	Environmental tests for premodulation processor	1968
19720063851	Apollo SPS engine qualification test report on gimbal actuators Mod 2A, volume 2	1968
19720063852	Certification testing of the Apollo SPS engine Mod IE bipropellant valve at sea level and simulated altitude	1968
19720063919	Effects of a National Space Program on Universities	1968
19720064007	Nonlinear analysis of the flutter of an infinitely long plate	1968
19720064019	Meteor research program	1968
19720064024	Meteor research program	1968
19720064029	Apollo applications parts and materials program plans	1968
19720064031	Directory of R/QA contacts	1968
19720064032	Requirements for soldered electrical connections	1968
19720064034	Computation of the main geomagnetic field from spherical harmonic expansions	1968
19720064042	Financial reporting for government-owned/contractor-held property and space hardware	1968
19720064044	Phased project planning guidelines	1968
19720064119	Networks of random channels with applications to feedback systems	1968
19720064120	NASA standards and guidelines for visual information and graphic presentations	1968
19720064380	Planetary quarantine (186-58) inertial sensor sterilization	1968
19720064600	Saturn S-4B Program Apollo Program Management, Volume 11	1968
19720065090	Theoretical studies on solid propellant ignition	1968
19720065292	Tables of artificial data for pattern recognition	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720065293	On the absolute stability of a dynamic system with a nonlinear element function of two state variables	1968
19720065358	Hadamard transform image coding	1968
19720065359	Television bandwidth reduction by encoding spatial frequencies	1968
19720065368	Least square methods in abstract pattern recognition	1968
19720065371	A theoretical model for the sharp flat plate in rarefied hypersonic flow	1968
19720065374	P-3, spectral control of laser oscillators by secondary light sources	1968
19720065456	Excitonic insulator in GaAs junctions	1968
19720065458	Energy levels and spectral broadening of neodymium ions in laser glass	1968
19720065520	An empirical rule for low temperature suppression of absorption	1968
19720065521	A numerical method in fuel optimum stochastic attitude control	1968
19720065549	Dipole radiation in the lunar environment	1968
19720065645	On the generation of artificial data for pattern recognition	1968
19720065646	Optimal inputs for parameter estimation in dynamic systems with white observation noise	1968
19720065650	ATS-1 SSCC data reduction and analysis	1968
19720065885	Electron paramagnetic resonance measurement of strain rate and cyclic effects on bond rupture	1968
19720065890	Possible mechanism for prebiotic phosphorylation	1968
19720065891	Microbiology, ecology, and microclimatology of soil sites in dry valleys of Southern Victoria Land, Antarctica	1968
19720065956	Rotor burst protection program, initial test results, phase 4	1968
19720066149	Exploration of the moon's surface	1968
19720066151	The chemical analysis of the lunar surface	1968
19720066289	Strategic factors in business success: Resume of a survey	1968
19720066294	Lunar crater counts. 4: Mare Orientale and its basin system	1968
19720066301	Changes in brain serotonin (5HT) and 5-hydroxy-indole 3-acetic acid (5hiaa) in REM sleep deprived rats	1968
19720066450	Photoheliograph, telescope in space	1968
19720066552	Apollo delta qualification test report, primary water-glycol heater (ME363-0015-0002)	1968
19720066554	Apollo qualification test: Metal mirror corrosive environment	1968
19720066555	Locked-rotor test of ECU suit compressor (ME901-0737) for Block 2, Apollo spacecraft 101	1968
19720066556	Apollo CSM 101 delta qualification test urine dump nozzle, Part no. V16-611231-21	1968
19720066557	Apollo ECS water-glycol, flow proportioning valve controller qualification test P/N ME476-0041-0003	1968
19720066559	Apollo command module sea recovery hoisting sling static sling test (Spacecraft 103 and 104)	1968
19720066560	Apollo SPS engine penalty qualification tests on gimbal actuators MOD 2A	1968
19720066599	The identification and quantification of plant species, communities and other resource features in hermland and shrubland environments from large scale aerial photography	1968
19720066600	The development of an earth resources information system using aerial photographs and digital computers	1968
19720066757	Apollo flow proportioning sensor qualification test P/N ME431-0065-0001	1968
19720066758	Apollo CM unified hatch static structural test	1968
19720066759	Apollo qualification test of the stowage locker hinge and latch	1968
19720066760	Apollo CSM 101 delta qualification test steam duct heater assembly P/N V36-6100226, S/N 06362AAH0006	1968
19720066761	LM soil erosion studies	1968
19720066764	Apollo service module engine gimbal actuator, electrical connector off-limit test report	1968
19720066825	Feasibility Study of a Tungsten Water-Moderated Nuclear Rocket. 1: Summary Report	1968
19720066826	Feasibility study of a tungsten water-moderated nuclear rocket. 2: Fueled materials	1968
19720066827	Feasibility study of a tungsten water-moderated nuclear rocket. 3: Fuel elements	1968
19720066828	Feasibility study of a tungsten water-moderated nuclear rocket. 4: Neutronics	1968
19720066829	Feasibility study of a tungsten water-moderated nuclear rocket. 6: Feed system and rotating machinery	1968
19720066832	Feasibility study of a tungsten water-moderated nuclear rocket. 5: Engine system	1968
19720067561	Energy transfer from a pulse network to a propagating current sheet	1968
19720067562	Computer programs of the lifting wing sensor project	1968
19720067563	Flexural arch vibrations	1968
19720067564	Dynamic stability of thin rods under periodic axial loading	1968
19720067619	Thermionic power plants for manned electrically propelled planetary vehicles. Volume 2: Systems analysis	1968
19720067876	Research leading to new vision test techniques for use in the space environment	1968
19720067967	Research and development study related to the synthesis of formaldehyde from CO2 and H2	1968
19720067972	Integral-method analysis for a hypersonic viscous shock layer with mass injection	1968
19720067986	Command service module system handbook	1968
19720068036	Investigation in space communication theory, including topics related to random processes, filtering, telemetry statistical methods, modulation, information transmission and mathematical techniques	1968
19720068069	A study to determine the weight and performance characteristics of variable geometry spacecraft. Volume 1: Summary	1968
19720068080	Efforts toward an associative learning instructional system	1968
19720068165	Computer-aided inertial platform realignment in manned space flight	1968
19720068526	Research in electrically supported vacuum gyroscope. Volume 5: ESVC performance (U)	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069129	Compilation of trade studies, engineering analyses, and other reports prepared during AAP C&SM modification study	1968
19720069432	Field performance investigation subsurface drainage facilities, Little Rock Air Force Base, Arkansas, 4-6 November 1968	1968
19720069491	Composite VLF/MF/HF/UHF/IFF antenna	1968
19720069698	The development of subsonic unsteady aerodynamics for wing-tail interference. Description of program equation, volume 3	1968
19720069949	A note on some preliminary high supersonic transition results using thin film heated gauges	1968
19720070023	Tactical satellite communications program. Volume 1: Program 591 and LES-5 test report	1968
19720070130	Photoemission from semiconductors	1968
19720070222	Quality evaluation tests of inductance coils	1968
19720070408	Infrared inspection of bonded panels	1968
19720070420	Effects of surface finish on ultrasonic inspection	1968
19720070425	Ultrasonic thickness measuring	1968
19720070562	Semiconductor device set, transistor, n-p-n, silicon, 577 R387H01 and 2586754-1	1968
19720070563	Semiconductor device, transistor, n-p-n, silicon high speed switch, low power, Westinghouse part number 577 R516H02	1968
19720070742	Stress corrosion in hydro-formed copper-silicon, (the body problem)	1968
19720071129	Evaluation testing of radio frequency connector	1968
19720071273	Hardware (mechanical and electro-mechanical), slide enclosures	1968
19720071383	X-Y recorder model 4020A 9002 series, revision 3	1968
19720071410	Calculated longitudinal stability and performance characteristics of the F-4B/C/D/J and RF-4B/C aircraft plus the AN/ASA-32H automatic flight control system	1968
19720071434	Infrared frequency analysis	1968
19720071912	Compilation of trade studies, engineering analyses, and other reports prepared during AAP C&SM modification study, part 2	1968
19720072146	Saturn I-B	1968
19720072152	Buoyant Venus station mission feasibility study for 1972-1973 launch opportunities	1968
19720072165	Research and technology progress reports, March 1968, volume 1	1968
19720072166	Research and technology progress reports, March 1968, volume 2	1968
19720072167	Research and technology progress reports, March 1968, volume 3	1968
19720072584	Test report, Engineering evaluation, pressure transducer, Bourns, Incorporated type 723	1968
19720072671	US/FRG V/STOL tactical fighter program definition phase. Part 4, volume 65-2-1: Phase 2 cost proposal: Introduction (U)	1968
19720073252	Omega navigation system synchronization and operation, 1966 - 1968	1968
19720073344	Apollo program development plan	1968
19720073459	A new treatment of the subsonic lifting surface problem using curvilinear co-ordinates. Part 1: Details of the method as applied to regular surfaces with finite tip chords and a preliminary set of numerical results	1968
19720073618	Development of a prototype asymmetric-Bragg solar X-ray polarimeter for satellite applications	1968
19720073739	AN/SSC-3 shipboard SATCOM terminal, technical evaluation	1968
19720073884	Turbine tests with a TCC-HET-3 combustor (U)	1968
19720074042	Space science and applications future program alternatives	1968
19720074045	Buoyant Venus station mission feasibility study for 1972 - 1973 launch opportunities	1968
19720074048	Analysis of remote sensing data requirements by experiment	1968
19720074073	Apollo block 2 command module unified S-band manned space flight network system test programs data and performance summary	1968
19720074266	Software documentation for the research tool digital computer system. Volume 1: Math model report	1968
19720074271	Space science and applications program	1968
19720074275	Space flight payload capability	1968
19720074343	Performance evaluation of low pressure electrostatic filter for HD-315/DP dumping units	1968
19720074399	UCC-1 equipment analysis and improvement for SSC-3 terminal	1968
19720074400	Environmental-Data-Acquisition-System (EDAS) measurements of USS Iwo Jima (LPH 2) aerology and surgical compartments	1968
19720074402	AN/URQ-18 (XN-1) Frequency Usage Monitoring Equipment (FUME): Interference sampling test and evaluation	1968
19720074546	Radio receiver AN/GRR-17: Engineering evaluation	1968
19720074728	Simulated turbofan engine performance, STEP 1: User's manual and computer program listing	1968
19720074750	A 626.5 VDC coil voltage, 1500 ohm coil resistance, rated contact current 0.5A resistive	1968
19720074759	Analysis of high altitude balloons as platforms for measurement programs	1968
19720074887	High contrast transfer photorelectronic image intensifier tube (U)	1968
19720075010	SERT 2 solar array module confidence test	1968
19720075012	Final extrapolated I-V curves for SERT 2 solar array subsystem	1968
19720075043	Fluid dynamics program in sonic boom	1968
19720075044	Atmosphere effects	1968
19720075045	Flight research	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075046	Laboratory sonic boom research and prediction techniques	1968
19720075047	Configuration design for specified pressure signature characteristics	1968
19720075048	Evaluation of certain minimum boom concepts	1968
19720075049	Review of the Ames sonic boom program	1968
19720075050	activities on sonic boom	1968
19720075051	Lifting aerodynamic configurations with no sonic boom	1968
19720075052	The approach to far field sonic boom	1968
19720075053	Non-linear effects on sonic boom intensity	1968
19720075054	The feasibility of large sonic boom reductions	1968
19720075055	Second order wave structure and other problems	1968
19720075056	Sonic boom research: Progress and plans	1968
19720075057	Research in to the theory of the superboom	1968
19720075132	Production sampling test of Saturn S-1B stage servo actuator assembly	1968
19720075174	Microstructure, creep and failure: A program for graduate education and research in high temperature materials	1968
19720075356	SERT 2 solar array engineering evaluation test	1968
19720075481	Broadening the application of a space station mission simulation mathematical model	1968
19720075489	Saturn 5 flight test evaluation plan vehicles AS-501 thru AS-504	1968
19720075588	Optimum aircraft terminal antenna system for NAVTAC SATCOM	1968
19720075606	Optimal recursive estimation with uncertain observation	1968
19720075647	Integrated circuit, monolithic	1968
19720075650	Capacitor, fixed, tantalum, sintered slug 6.8 micron F plus or minus 10 percent, 75 vdc	1968
19720075652	Capacitor, fixed ceramic-dielectric	1968
19720075654	Connector, receptacle	1968
19720075687	Analytical investigation of the reignition of a solid propellant	1968
19720075778	Goals and objectives in space science and applications for use in 1968 planning activity	1968
19720075801	Electrostatic charge effects re-entry electron beam experiment	1968
19720075807	Qualification testing of a 400-hertz, type VFM3 voltage and frequency monitor submitted by Electromagnetic Industries, Incorporated, Moultrie, Georgia	1968
19720075814	Gamma-scintillation scanning study	1968
19720076035	Electron tube numerical indicator	1968
19720076037	Semiconductor device	1968
19720076038	Resistor, variable, part no. 361213-3	1968
19720076140	Integrated circuit, monolithic	1968
19720076221	Study of surface effect ship manning with reference to merchant vessel manning criteria	1968
19720076268	Research into methods of analysing aircraft stability and control flight test results	1968
19720076276	Cartographic investigations	1968
19720076287	Cartographic investigations	1968
19720076288	Geologic applications program	1968
19720076289	Ground truth studies	1968
19720076290	Geologic applications program	1968
19720076291	Monthly activities, March - April 1968	1968
19720076292	Geologic applications program activities	1968
19720076293	Geologic applications program	1968
19720076294	Activity report, March - April 1968	1968
19720076295	Cartographic investigations	1968
19720076296	Cartographic investigations	1968
19720076313	Activities of the hydrology program	1968
19720076314	Manufacturing plan and specification: Large area solar array	1968
19720076478	Turbulent wake studies	1968
19720076537	A preliminary collation of the launch vehicle characteristics and nuclear safety problems attendant to the NAVSAT/Scout mission	1968
19720076573	Massless particle trace and the numerical solution of the Eulerian hydrodynamic equations on ILLIAC 4	1968
19720076575	Further research on resin impregnated, collimated boron filaments and improved high modulus, high strength filaments and composites	1968
19720076576	The study of hydrocarbon fuel vapor phase deposits	1968
19720076578	Research and development of refractory oxidation-resistant diborides	1968
19720076579	Research and development of refractory oxidation-resistant diborides	1968
19720076580	Study of degradation of thermal control coating materials	1968
19720076582	Structural design guide for advanced composite applications	1968
19720076632	A high-field hysteresigraph	1968
19720076754	Budget estimates, fiscal year 1968, Volume 2	1968
19720076755	Launch vehicles for the decade of the 1970's	1968
19720076787	Mission requirements, C type mission: CSM operations	1968
19720076802	Design certification report, CSM 101, reliability summary, volume 3	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076806	Vehicle plan for CSM 106, section 3, downey operational test plan	1968
19720076808	CSM significant configuration differences, section 2	1968
19720076811	The Impact of Maintainability on the Design of Long Duration Life Support System	1968
19720076812	Low cost launch vehicle study	1968
19720076819	Apollo GSE end item specification for caution and warning system monitor unit	1968
19720076827	Engineering analysis report, ME901-0704-0502 rotation control qualification test	1968
19720076828	Engineering analysis report, reaction jet engine on-off control assembly delta qualification test	1968
19720077182	Tip Tank System Concept Weight and Cost Analysis	1968
19720077346	Extension of manned space flight program memorandum	1968
19720077443	High strength high modulus carbon fibers	1968
19720077454	Mission oriented advanced nuclear system parameters study, phase 6	1968
19720077455	Mission evaluation CSM 101 summary presentation	1968
19720077466	GFE television equipment performance and interface specification, block 2	1968
19720077483	Unified crew hatch, V36-300000 (CTR 02332162)	1968
19720077484	Block 2 Apollo CSM 101 RCS electrical controller evaluation study P/N V36-447520, volume 2	1968
19720077638	Saturn V workshop study. Volume 2: Task team analysis	1968
19720077645	The inherent sensitivity of the required velocity to the specified transfer time in Lambert's problem	1968
19720077654	The "fixed memory" constants in the conic subroutines	1968
19720077655	Mission evaluation CSM 103: Summary presentation	1968
19720077659	Titan 3C payload users guide	1968
19720077673	Saturn V workshop study. Volume 1: Summary	1968
19720077690	GFE guidance, navigation, and control performance and interface specification, block 2	1968
19720077768	Research in Electrically Supported Vacuum Gyroscope	1968
19720078080	Electrical and mechanical characteristics of the A/RIA USB communications system	1968
19720078089	Apollo Saturn 5 launch availability study summary, phase 1	1968
19720078090	Apollo Saturn 5 launch availability study: Phase 2 plan	1968
19720078096	Gemini/Cargo and Propulsion Module for AAP	1968
19720078111	Apollo test request status report	1968
19720078361	Martin Marietta/Orlando component test report on silicon glass diode	1968
19720078387	Component test report for transformer, test no. 430	1968
19720078388	Switch, SPST. Test no. 477	1968
19720078390	Component test on coaxial coupler. Test no. 475	1968
19720078446	Test report for microwave video detector test, number 474	1968
19720078835	Apollo applications program emergency escape system: Preliminary program definition plan	1968
19720078850	Fuel cell electrical power supply, PC3A-2	1968
19720078851	Analytical inertial platform error model simulation program user's manual	1968
19720078864	Launch window summary, geographic loci of Apollo translunar injection burns, and free return touchdown positions for January - June 1970	1968
19720078915	Capacitor, fixed, ceramic, dielectric	1968
19720079311	Flight tests of a compensated pitot static head (Rosemount model 855L) fitted to a lightning aircraft	1968
19720079312	Thermal analyzer computer program for the solution of general heat transfer problems	1968
19720079382	Saturn 5 intermediate payload vehicle mission/payload versatility	1968
19720079431	Logic system design using MOS integrated circuit techniques	1968
19720079432	Fast pseudo-random number generators for computers	1968
19720079433	A programmable shift register	1968
19720079440	Inclined buoyant puffs	1968
19720079450	Linear optimal control systems with constant reference variables and infinite performance criteria	1968
19720079451	Proposals for bandwidth reduction of scanning sonar video signal	1968
19720079452	Air coupled transducers and frequency modulated resonant testing system	1968
19720079499	Circulator, microwave, test no. 478	1968
19720079766	Report of tests on resistor, cermet, variable (single turn, miniature) plus or minus 20 percent types (SV 5001, SV 2041, SV 1051)	1968
19720079767	Verification of qualification report of tests on resistor, cermet variable single turn, miniature	1968
19720079847	Insert, round extension, hex	1968
19720079848	Insert, extension nut	1968
19720079849	Spring clip, spring steel cadmium plate for .062 thick circuit board	1968
19720080028	Evaporated film thickness monitor based on quartz crystals	1968
19720080081	Test and evaluation of capacitors, fixed, ceramic-dielectric, feed-thru for MIL-C11015 C	1968
19720080100	Battery, button cell, 13 volts	1968
19720080139	SRC 20/21 and URC-9 blower assemblies evaluation of blowers: Mechanical speed increasers versus electronic inverters	1968
19720080285	Pre-test performance predictions for GE4 block 2 engine 435-004/1 (U)	1968
19720080523	Empirical determination of radiation interchange factors	1968
19720080548	Thickness distribution of vacuum deposited films evaporated in a rotary system with sector masks	1968
19720080565	Rivet, stainless steel passivated for .062 thick circuit board	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080575	Connector brackets, right hand and left hand for inline or offset, part number 75910-2-359	1968
19720080576	Connector brackets, right and left hand for inline or offset, part number 75911-2-359	1968
19720080577	SR05 style (type A). Wafer	1968
19720080604	Battery, chargeable, 1.90 volts	1968
19720080660	Qualification test report, electron tube, noise source	1968
19720080669	The coastal geomorphology of north Uist	1968
19720080670	Test and evaluation of capacitors, fixed, ceramic-dielectric, stand-off, for MIL-C-11015C	1968
19720080677	Card-guide retainers	1968
19720080703	Test and evaluation of capacitors, fixed, plastic dielectric (in nonmetal cases), for Mil-C-55514	1968
19720080770	Test and evaluation of capacitors, fixed, glass-dielectric, for Mil-C-11272B. Original test data	1968
19720081054	Qualification testing: R/L disc installation	1968
19720081055	Forced commutation of thyristors connected in series-strings	1968
19720081058	Increasing the useable output spectrum of analogue noise produced from a feedback shift register	1968
19720081059	Precise measurement of phase differences near 90 deg of AF voltages	1968
19720081073	Roving Vehicles for Apollo Lunar Exploration Program	1968
19720081078	Report of delta qualification tests on Types 1, 3, and 4 interior floodlight fixtures in accordance with microdot test procedure no. A425-1000A	1968
19720081097	Test and evaluation of filters, air and oils, impingement	1968
19720081103	Test and evaluation of capacitors, high voltage, fixed, mica dielectric (nonmetallic cases) for Mil-C-19978 and/or MIL-C-5	1968
19720081116	Report of tests on resistor, carbon variable (single turn, miniature)	1968
19720081117	Report of tests on resistor, cermet variable (single turn, miniature)	1968
19720081119	Report of tests on resistor, carbon variable (single turn, miniature)	1968
19720081193	Test and evaluation of capacitors, miniature, variable piston type tuning, for MIL-C-14409 or equivalent. Original test data	1968
19720081199	Test and evaluation of resistors, variable wirewound trimmer, rectilinear for Mil-R-27208	1968
19720081210	Test and evaluation of capacitors, fixed, polycarbonate dielectric hermetically sealed in metallic cases for Mil-C-19978B	1968
19720081232	Qualification testing of contact 800-16/-32-1 with 2-24 AWG and 3-24 AWG wires per crimp	1968
19720081233	Qualification testing of contact 800-16/32-1 and the marriage of 1-18 and 1-24 AWG wire	1968
19720081275	Superposition of buckling modes onto cell calculations and application in the computer programme WDSN	1968
19720081287	Command/Service Module systems handbook (CSM 103)	1968
19720081289	Definition of a resistojet control system for the Manned Orbital Research Laboratory	1968
19720081292	The lunar observations verifier editor implementation plan	1968
19720081293	Apollo forced entry debris dispersion study	1968
19720081322	Fuel Cells for NASA missions	1968
19720081337	Multidisciplinary research grant	1968
19730060762	Waste management system filter and quick-disconnect assembly, V36-612547: Apollo delta qualification test report	1968
19730060763	Waste management system check valve, ME 284-0152-0011	1968
19730060767	Apollo command module static test sea recovery nylon hoisting sling assembly spacecraft 101	1968
19730060770	Mission evaluation 103 (mission D) presimulation report. Part 2: Simulator description	1968
19730060773	Apollo certification test, service module insulation blanket venting	1968
19730060774	Engineering analysis report, thermal-vacuum test 1, spacecraft 2TV-1	1968
19730060780	Command/service module systems handbook (CSM 104)	1968
19730060783	Acoustic delta qualification test of Apollo service module rendezvous radar transponder assembly	1968
19730060795	Communications and tracking relay experiment study program	1968
19730060845	Report on NASA Biology Program, 1968	1968
19730061020	An index of ocean features photographed from Gemini spacecraft	1968
19730061023	Apollo suit oxygen umbilical load test for delta qualification	1968
19730061029	Continued investigation of solid propulsion economics. Task 8: Alternative fabrication methods for spherical end closures	1968
19730061034	Apollo spacecraft 101 heat shield adequacy for 205/101 mission	1968
19730061039	Mission evaluation presimulation report. Part 1: CSM 104 (mission D) operations plan	1968
19730061040	Mission evaluation 101 presimulation report. Part 2: Simulator description	1968
19730061041	Apollo delta qualification test flow proportioning valve (ME284-0331-0004)	1968
19730061042	Apollo CSM 101 guidance and navigation filter box assembly qualification test, P/N V36-442330	1968
19730061047	Block 2 Apollo CSM 101 RCS electrical controller evaluation study, P/N V36-447520, volume 3	1968
19730061049	Apollo certification test boost protective cover tower leg fairing	1968
19730061050	Apollo support equipment maintenance handbook: helium booster unit model S14-022	1968
19730061051	Apollo support equipment maintenance handbook: Up-data link bench maintenance equipment model C14-429	1968
19730061054	Apollo delta vibration qualification test, service module power distribution box (part number V37-451230-101, serial number 06362AAG5286)	1968
19730061071	AAP CSM modification program study	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730061096	Autotrophic and heterotrophic metabolism of Hydrogenomonas. 1: Growth yields and patterns under dual substrate conditions	1968
19730061100	Impact-induced deformation in the Campo del Cielo meteorite	1968
19730061101	A worldwide inventory of features characteristic of rocks associated with presumed meteorite impact structures	1968
19730061103	Development of checkout specifications for new telemeter. Phase C: Telemetry checkout station error analysis	1968
19730061361	Parametric study of neutronic effects of fueled peripheral reflectors in graphite-core nuclear rocket reactors	1968
19730061370	Subsonic nuclear aircraft study	1968
19730061375	Reactor physics considerations and weight characteristics of small water-graphite nuclear rocket reactors	1968
19730061723	Hydrogen-oxygen ignition at low temperatures	1968
19730061769	Quasi-slender body theory for unsteady linearized transonic flow past pointed bodies of revolution	1968
19730061792	Implementation in operations research and R and D: In government and business organizations	1968
19730062057	A double monochromator for the extreme ultraviolet	1968
19730062058	Preliminary AS-503 C' mission launch vehicle operational trajectory: Basic mission	1968
19730062059	Multi-planet Jupiter swingby missions data documentation	1968
19730062150	Adaptive attitude control computer for spacecraft stabilization	1968
19730062199	Effects of X-rays on sphingomyelin biosynthesis in brain and spine mitochondria of albino rats	1968
19730062489	Stability boundaries of the impact damper	1968
19730062506	Interrelationships among host, intestinal microflora, and diet	1968
19730062603	Apollo programming systems. Volume 2: Book - Mission systems, general	1968
19730062604	Apollo programming systems. Volume 3: Book - Mission system, AS-200 systems integration	1968
19730062610	Development of uranium dioxide-tungsten cement fuel specimens for thermionic applications	1968
19730062647	Structure of shock waves with nonequilibrium radiation and ionization	1968
19730062665	The Apollo parachute landing system	1968
19730062782	Stored program concept for analog computers	1968
19730062786	Optimal control of a re-entry vehicle in the presence of measurement uncertainties	1968
19730062792	Subsonic wind tunnel investigation of an unpowered twin-turboprop airplane model with a wing aspect ratio of 6.0	1968
19730062793	Wind tunnel investigation of a single-engine subsonic attack airplane model having an unswept wing of aspect ratio 6.0	1968
19730062794	Wind tunnel investigation of a single-engine pusher type subsonic attack airplane model having an unswept wing of aspect ratio 6.0	1968
19730062795	Wind tunnel investigation of an unpowered subsonic twin-engine attack airplane model having an unswept wing of aspect ratio 5.0	1968
19730062895	Mission summary and data catalog (southern California remote sensing program)	1968
19730062951	Generation of long time creep data on refractory alloys at elevated temperatures	1968
19730063203	Straited cones: Wind-abrasion features, not shatter cones	1968
19730063205	Planetary Quarantine program	1968
19730063323	Electromagnetic stabilization of the non-resonant zero-frequency loss cone mode	1968
19730063329	Users manual lunar module electrical power system program HX007A, users manual	1968
19730063340	Interplanetary trajectory error analysis: Computer program design, volume 2	1968
19730063584	Study of technology requirements for atmosphere breaking to orbit about Mars and Venus. Volume 4: Final briefing	1968
19730063667	Development of a process for making heavy denier monofilament polybenzimidazole (PBI) fiber	1968
19730063785	Inhomogeneous deformation and yielding of glasslike high polymers	1968
19730063789	Qualification tests on Apollo inverter, Westinghouse P/N 976J692-1 and North American Rockwell P/N ME 495-0001-0010, part B	1968
19730063811	Qualification tests on Apollo inverter	1968
19730063824	The effect of microsegregation on the observed intensity in thin film microanalysis	1968
19730063909	A computer program to predict impact dispersions of debris resulting from the forced entry of Apollo vehicles	1968
19730064070	Forced reentry hazards computer program	1968
19730064102	Sex differences in body-weight change following gonadectomy of rats 3	1968
19730064122	Satellite orbital data	1968
19730064340	User's manual for OBCM/OBLM and NAVCM/NAVLM	1968
19730064448	Low-thrust solid and hybrid propulsion systems, phase 2	1968
19730064475	A computer program for interactions of polycrystalline-tungsten electrodes with cesium plasmas	1968
19730064481	Statistical measurements of deformation structures and refractive indices in experimentally shock loaded quartz	1968
19730064675	Diurnal changes in livers and digestive systems of coturnix as related to three photoperiodic regimens	1968
19730064677	The cloacal gland complex of the Japanese quail	1968
19730064695	Aerspace technology and the Federal budget	1968
19730065273	Electromagnetic interference test plan for the Saturn S-2 system	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730065294	Design and analysis of cooled turbine blades. Part 1: Leading and trailing edge configurations	1968
19730065686	Study of separately launched multi-use space electrical power system. Volume 7: Appendix 2	1968
19730066486	Flight mechanics analyses of the AS-205/CSM-101 emergency detection system	1968
19730066488	Apollo service module reaction control system, block 2	1968
19730066490	Design certification report, CSM 101, volume 1	1968
19730066496	Isotope Reentry Vehicle (IRV) design study	1968
19730066499	Apollo command module inner structure crew couch strut attachments static structural tests	1968
19730066500	Delta qualification test of an Apollo spacecraft item 4.25 check valve	1968
19730066501	Apollo development test of the unified crew hatch, lightweight configuration	1968
19730066502	Apollo SLA panel spring thruster qualification test	1968
19730066503	Apollo lunar module ejection thruster system (F01-100427) qualification test	1968
19730066504	Apollo CSM 103 qualification test electronic network bracket assembly (P/N V37-440044, S/N 06362-AAH5508)	1968
19730066505	Apollo delta qualification test of boosted linear shaped charge for end item 103 (P/N V17-590099-21 and V17-590099-31)	1968
19730066517	Apollo certification test, service module insulation, boost venting	1968
19730066519	Apollo block 2 qualification test ECS water-glycol flow proportioning valve (ME284-0331-0006)	1968
19730066520	Apollo pogo-delta qualification vibration test of strain gage signal conditioner (P/N ME901-0320-0025), linear accelerometer (P/N ME449-0091-1019), and current limiter (P/N V36-759551)	1968
19730066528	Mission evaluation 101	1968
19730066529	Apollo CM unified crew hatch deployment mechanism and counterbalance assembly qualification test, P/N V36-591061	1968
19730066530	Apollo suit circuit return valve remote control linkage qualification test P/N V36-552510-11	1968
19730066531	Apollo qualification test of the crew couch outboard armrest	1968
19730066532	Apollo supplementary qualification test (off limits) of the combined forward hatch	1968
19730066533	Apollo qualification test of the combined forward hatch	1968
19730066534	Apollo certification test of the unified crew hatch, lightweight configuration	1968
19730066536	Apollo qualification test report, forward hatch vent valve assembly, P/N V36-616512	1968
19730066539	Population projection computer program	1968
19730066540	Tape storage computer program rectangularized country input data (MATAP)	1968
19730066541	Lethal area computer program	1968
19730066546	Verification of the real-time computing complex's guidance entry program for Apollo 8	1968
19730066564	Apollo operations handbook: Command and service modules. Volume 2: Operational procedures	1968
19730066619	Investigation of positive type shaft seals	1968
19730066708	Product improvement test of 8V-71T (endurance test on Arctic oil)	1968
19730066741	Apollo CSM 101 qualification test installation handling test crewman optical alignment sight P/N ME331-0017, S/N 06359-0028-BKA	1968
19730066744	Delta qualification test of the Apollo ECS water control panel assembly, addendum 1	1968
19730066745	Apollo command module LEM docking latch assembly static structural test	1968
19730066746	Mission requirements, D type mission: LM evaluation and combined operations	1968
19730066747	Engineering analysis report, SPS engine temperature prediction for 2TV-1 test no. 1	1968
19730066748	Instrumentation accuracy analysis for command service modules 017 and 020	1968
19730066749	Apollo main display console static structural test	1968
19730066753	Apollo CMS 106 design verification test, main circuit breaker panel P/N V36-452050-601, S/N 06362AAH1923	1968
19730066754	Apollo delta qualification test of docking probe displacement transducer P/N 3V36-750-131	1968
19730066755	Apollo service module reaction control system, block 2 certification test	1968
19730066756	Apollo delta qualification test of the unified crew hatch	1968
19730066757	Apollo CSM 106 design verification test. Suit current limiter panel assembly, P/N EOM672837-3(ref V36-44322-3), S/N 06362AAH0882	1968
19730066758	Apollo command module static test, sea recovery hoisting sling assembly spacecraft 101	1968
19730066759	Delta qualification retest of Apollo CSM 101 primary heater controller P/N ME 476-0042-0005, S/N 089870000005	1968
19730066761	Apollo qualification test of EVA servicing access door mechanism	1968
19730066871	Test and evaluation of capacitors, fixed: Original test data	1968
19730066873	Test and evaluation of resistors, variable (lead screw actuated) non-wire wound for Mil-R-22097C	1968
19730066875	Test and evaluation of capacitors, fixed. Original test data	1968
19730066877	Test and evaluation of capacitors, fixed glass-dielectric, for Mil-C-11272B	1968
19730066881	Test and evaluation of capacitors, fixed, metallized film and polycarbonate dielectric (hermetically sealed in metallic cases) for Mil-C-18312D. Original test data	1968
19730066959	Initial production test of chaparral weapons system vehicle mobility phase	1968
19730067004	High usage part replacements for conventional weapons systems	1968
19730067052	Fluid storage systems for space vehicles. A comparative study pertaining to potential need for cryogenic storage systems	1968
19730067185	Initial production test of launcher, rocket, aircraft 2.75 inch M158 (quality assurance)	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067186	Product improvement test of fuze, PD, M557-E1	1968
19730067334	Initial production test surveying instrument, distance-measuring, electronic, microwave	1968
19730067493	AS-503 C prime mission launch vehicle operational trajectory	1968
19730067497	Manned astronomy option study	1968
19730067510	Saturn 5 orbital workshop study, third draft (technical sections only), volumes 2 and 3	1968
19730067522	Detailed exploration of the compressible, viscous flow over two dimensional aerofoils at high Reynolds numbers	1968
19730067640	Catalog of experiments proposed for manned space missions, addendum 1	1968
19730067652	Comparison test of compass, lensatic, magnetic	1968
19730067665	Numerical evaluation techniques for rating potential contractors	1968
19730067733	Handle, spring steel cadmium plate for .062 thick circuit board	1968
19730067734	Printed circuit test jack, right angle, size: .231 by .48 by .449	1968
19730067739	Battery holder for carbon type battery	1968
19730067962	The 260-inch diameter solid rocket motor study	1968
19730067967	Preliminary design studies on environmental control/life support systems for maneuverable spacecraft	1968
19730067998	Effects of fuel constituent diffusion on emitter work functions	1968
19730068171	Summary of technique and study programs of D and PS for calendar year 1967	1968
19730068172	Initial production test of rocket launchers, XM157/B and XM159/C	1968
19730068173	Quality assurance comparison test of computer, gun, directional, M18 and ancillary equipment	1968
19730068175	Initial production test of theodolite, surveying, directional, type 2, 0.2-Mil	1968
19730068182	Special study of converter for T12 tape tester	1968
19730068263	CADOCS subsystem requirements studies	1968
19730068307	Preproduction test of truck, fire-fighting, aircraft, rescue, water and foam, 400 gallon water capacity, MB-5	1968
19730068324	Sidewinder AIM-9B/D Guidance Control Group (GCG) mobile test and evaluation unit no. 1 (SMTEU-1)	1968
19730068448	Systems concepts for increasing the efficiency of aircraft carrier flight operations, volume 1	1968
19730068613	Electron beam film recording development	1968
19730068686	Saturn 1B SA-205 launch vehicle flight readiness review report	1968
19730068789	Aerodynamic influence coefficients for oscillating planar lifting surfaces by the doublet lattice method for subsonic flows inducing quasi-steady fuselage interference, part 1	1968
19730069117	Proposed integrated astronomy payload for earth-orbital operation	1968
19730069133	Buoyant Venus station mission feasibility study for 1972 - 1973 launch opportunities, attachment 1	1968
19730069264	Out-of-line safety tests of the signal, underwater sound, Mk 59 Mod 3	1968
19730069346	Engineer design test of electronic test set no. 3 ETS no. 3 of land combat support system road test	1968
19730069419	Evaluation of resistor. Report of tests on resistor, carbon variable (single turn, miniature) manufactured by Spectrol	1968
19730069548	Evaluation of fixed, film resistors	1968
19730069558	Qualification of 1-26 AWG wire crimped into contact 800-20/32-3	1968
19730069559	Deutsch 800-16/32: 4 contact	1968
19730069625	Study of future requirements for naval airborne computers (U)	1968
19730069675	Lightweight weapons sight (U)	1968
19730069920	Report of the Committee on Solar Spectral Distribution	1968
19730069946	Range timing	1968
19730070180	Evaluation of fixed, film (insulated) resistors	1968
19730070310	Failure data on microelectronic modules and shift register printed circuit cards in the AN/TYQ-2, Tactical Air Operations Centrals (TAOCS) assigned to Marine Air Control Squadrons (MACS)	1968
19730070364	Deutsch 800-16/32-1 contact and 1 - number 18 AWG wire	1968
19730070873	Analysis of low frequency clutter characteristics and target detection capabilities of a synthetic aperture detection radar (SADRAD) (U)	1968
19730070899	A study of the relevance of NASA programs to programs of research on the environment and on energy sources	1968
19730070918	Apollo waste management system disconnect, elbow and filter assembly qualification test. P/N V36-612547 configuration	1968
19730070922	MSC Apollo/Saturn 5 ground support equipment redundancy study, phase 1	1968
19730070962	Monthly Progress Report, period ending 27 April 1968	1968
19730070964	Monthly Progress Report, period ending 2 March 1968	1968
19730070965	Monthly Progress Report, period ending 30 March 1968	1968
19730070993	Propellant selection for spacecraft propulsion system	1968
19730071001	Monthly progress report, period ending 1 June 1968	1968
19730071009	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components	1968
19730071010	Determination of elevated temperature fatigue data on refractory alloys in ultra-high vacuum	1968
19730071011	Research program for development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1968
19730071014	Research program for development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071025	Research program for the development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1968
19730071029	Intermediate workshop study modular approach, volume 2	1968
19730071042	Monthly progress report, period ending 3 February 1968	1968
19730071049	Research program for the development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1968
19730071050	Monthly Progress Report, period ending 29 June 1968	1968
19730071060	Research program for the development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1968
19730071061	Research program for the development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1968
19730071062	Research program for the development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1968
19730071154	TACAN principles and siting criteria	1968
19730071386	AFFTC standard airspeed calibration procedures	1968
19730071848	Lunar module performance and interface specification blocks	1968
19730071859	Automatic checkout equipment, volume 6	1968
19730071865	A study of the economic and technical feasibility of improving telecommunications in West Africa	1968
19730071878	Apollo-Saturn emergency detection system description (AS-500 series vehicles)	1968
19730071886	C and SM modification study	1968
19730072356	Grounding electrodes for Project Sanguine receiving antenna (U)	1968
19730072548	Cluster systems description document (missions AAP-1/AAP-2, AAP-3A, and AAP-3/AAP-4). Volume 1; General cluster data	1968
19730072578	Insulation material wind tunnel test-drag data analysis and recession data presentation	1968
19730072707	Automated lofting using computer graphics	1968
19730072761	Evaluation of the rate of purple plague as a failure mechanism in integrated circuits	1968
19730072941	Results of advanced lunar mission targeting to the crater Gassendi in 1971	1968
19730072942	Results of advanced lunar mission targeting to the crater Littrow in 1971	1968
19730073038	Modified KA-55 resolution test	1968
19730073103	Use of abrasive flow machining for the precision deburring of part no. 37 C301700	1968
19730073364	Evaluation of the three impulse hybrid trajectory for missions to discrete lunar science sites	1968
19730073375	Results of advanced lunar mission targeting to the crater tycho in 1971	1968
19730073376	Results of advanced lunar mission targeting to the carter Hyginus in 1971	1968
19730073377	Revision to the results of advanced lunar mission targeting to the crater Censorinus in 1971	1968
19730073378	Revision to the results of advanced lunar mission targeting to the crater Abulfeda in 1971	1968
19730073813	Advanced lunar mission profile comparisons for selected scientific landing sites	1968
19730073818	Results of advanced lunar mission targeting to the crater Dionysius in 1971	1968
19730073854	Verification procedure lunar module electrical power system program HX007A	1968
19730073907	SQS-23 analysis interim documentation	1968
19730074529	Heat transfer distributions on the Gemini spacecraft using thermosensitive paint	1968
19730075115	High energy astronomy observatory, phase C/D. Statement of work for missions A and B	1968
19730075255	Studies pertaining to M-21 purchase tape improvement	1968
19730075314	Analysis of the E15 Mod 1 arresting gear test data for the pit: Installation and separated configurations	1968
19730075387	Model to evaluate the camera in aerial reconnaissance	1968
19730075401	Flight simulation study of head-up displays for high-speed flight at low altitudes	1968
19730075413	Resistance spot welding stainless steel foil by the expendable wire technique	1968
19730075577	Advanced digital computer techniques for MAD signal processing (U)	1968
19730075927	A study of laminar convective heat transfer to 60 degree blunted cones in hypersonic flow	1968
19730075970	Contractor's performance demonstration of the OV-10A airplane (lot 2)	1968
19730076053	Effects of irradiation on the mechanical properties of two vacuum-melted heats of hastelloy N	1968
19730076055	Test report emergency barricade for F-8E (FN) aircraft	1968
19730076310	Niobium-1 percent zirconium boiling-potassium forced-circulation loop test	1968
19730076553	Summary of aircraft accidents within five miles of USN/USMC airfield, FY 1964 - 1968	1968
19730076643	Packaging high density flight equipment without printed circuit, part 1	1968
19730076867	Advanced detection theory of surface targets	1968
19730077076	User's manual for PATS: Propulsion Analysis trajectory simulation program	1968
19730077181	Performance evaluation of the OV-10A airplane	1968
19730077187	Systems concepts for increasing the efficiency of aircraft carrier flight operations, volume 2	1968
19730077262	Acoustic scattering from ocean bottoms	1968
19730077263	Basic theory of acoustic scattering from the sea surface in terms of ascertained surface statistics	1968
19730077774	Cross-validation of the defense mechanism test by the criterion of passing or failure in basic military flight training	1968
19730078139	Summary report for Poseidon Skycatch Mark 2, 24 October 1967 - 7 May 1968	1968
19740072102	The psychophysiological correlates of response inhibition	1968
19740072109	Proposed Payload for ATM-B for Observing High-Energy Celestial Sources	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740072396	Radio/optical/strapdown inertial guidance study for advanced kick stage applications. Volume 2: Detailed study results (tasks 3 and 4). Part 2: Preliminary modular design (Del.)	1968
19740072549	Accuracy of the RTCC "LM descent percent margin" displays for the lunar landing mission	1968
19740072559	The earth and the moon as viewed from the spacecraft during Apollo 8 mission	1968
19740072560	MPAD verification of Apollo 5 (AS-204/LM-1) flight mission rules	1968
19740072561	MPAD verification of Apollo 6 (A-2/CSM-020) flight mission rules	1968
19740072566	Error analyses of typical Apollo spacecraft maneuvers using the PGNCS and SCS to control the RCS	1968
19740072568	Third body calibration logic for the earth-centered conic abort subprocessor of the return-to-earth abort processor	1968
19740072580	Apollo 8 maneuver attitudes related to the celestial sphere as viewed from the spacecraft	1968
19740072581	Errors incurred with RTCC lunar orbit insertion logic	1968
19740072583	Translunar LM DPS abort techniques for advanced lunar missions	1968
19740072586	A finite differencing method of computing the state transition matrix for any type of trajectory model, conic through	1968
19740072587	Apollo 7 dispersion analysis	1968
19740072588	Matched-conic solutions to round-trip interplanetary trajectory problems that insure state vector continuity at all boundaries	1968
19740072589	Apollo 8 separation and recontact analysis	1968
19740072590	Sighting combinations for orbital and midcourse navigation during the third and fourth high ellipses of mission E	1968
19740072595	Operational support plan for the real-time auxiliary computing facility Apollo 7 flight annex	1968
19740072596	Apollo 8 spacecraft operational alternate mission plans. Volume 1: Earth orbit alternates	1968
19740072597	C-mission (205/101) navigation error analysis	1968
19740072619	Xanthium leaf movements in light and dark	1968
19740072680	An analytic method for computing the state transition matrix which includes the first-order secular perturbations of planet oblateness	1968
19740072681	MPAD verification of Apollo 7 flight mission rules	1968
19740072684	Real-time auxiliary computing facility Apollo 7 operational support team handbook	1968
19740072686	Preliminary analysis of LM abort and CSM rescue from a 60-n mi. circular orbit following an LM abort from powered descent	1968
19740072687	Verification of sundisk orbital navigation program	1968
19740072691	Revised ship positioning and coverage data for mission Apollo 8 lunar launch opportunities for December 1968	1968
19740072692	RTCC mission requirements for mission G: First-guess logic for the TLI processor	1968
19740072694	The accuracy of subroutine CIST	1968
19740072695	Radar data for choosing passes to satisfy the mission C. (AS-205/CSM-101) rendezvous radar test objective	1968
19740072697	Apollo mission D (AS-503/CSM-103/LM-3) navigation error analysis	1968
19740072709	Preliminary analysis of monitoring an IGM-steered, hypersurface-targeted TLI maneuver using CMC Lambert steering and the Saturn-preferred IMU alignment	1968
19740072710	Comparison of the sensitivity of Lambert and external Delta 5 guidances to dispersions in the LOI burns of missions F and G	1968
19740072711	Comparison of Venus swingby and minimum-energy techniques for manned Mars orbiting missions	1968
19740072712	Manned exploration of Mars: A minimum-energy mission plan for maximum scientific return	1968
19740072713	Preliminary error analysis for mission AAP 1/2	1968
19740072714	Preliminary dispersion analysis of five rendezvous profiles for AAP mission AAP-1/AAP-2	1968
19740072719	Apollo 6 (A-2 or AS-502/020) spacecraft operational alternate mission plan	1968
19740072729	A manually throttled thrust profile for DOI	1968
19740072731	Apollo 6 (A-2 or AS-502/020) operational Mode 1 Launch escape vehicle abort plan	1968
19740072735	Radar data for choosing passes to satisfy the Apollo 7 (AS-205/CSM-101) rendezvous radar test objective	1968
19740072736	Comparison of a two-burn scheme to an RCS insertion technique for lunar ascent	1968
19740072737	RTCC requirements for mission G: The translunar midcourse correction processor	1968
19740072738	Preflight tracking data for the lunar phase of a lunar mission	1968
19740072744	Mission G requirements for the RTCC: Nominal ascent and abort from descent	1968
19740072746	Preliminary launch abort study for Apollo mission D/CSM-103/LM-3	1968
19740072747	Apollo 8 spacecraft dispersion analysis. Volume 1: Dispersion summary	1968
19740072749	Attitude sequence for the Apollo 8 spacecraft operational trajectory	1968
19740072750	Revision 1 to the attitude sequence for the Apollo 8 spacecraft operational trajectory	1968
19740072752	Preliminary abort Delta 5 requirements for a Copernicus mission	1968
19740072753	Apollo Mission C spacecraft operational trajectory alternate 1, lunar orbital mission. Volume 1: Mission profile for a mission launched 21 December 1968	1968
19740072759	Apollo mission F reference consumables analysis	1968
19740072761	LM powered descent trajectory for the Apollo lunar landing mission	1968
19740072762	Launch abort philosophy for manned space flights	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740072763	Apollo Mission C spacecraft operational trajectory alternate 1, lunar orbital mission. Volume 2: Trajectory parameters for a mission launched 21 December 1968	1968
19740072764	Effects of guidance and navigation system errors on the Apollo 7 mission	1968
19740072767	Lighting geometry for the Apollo C' alternate 1 mission, revision 1	1968
19740072768	Guidance analysis of aerodynamic braking into orbit around Mars	1968
19740072769	Mission G electrical power subsystem and environmental control subsystem consumables analysis as defined for configuration control	1968
19740072772	RTCC requirements for Mission G: Trajectory computers for TLI and MCC processors	1968
19740072774	Characteristic velocity required for orbital insertion and transearth injection on Venus orbital missions launched in 1975	1968
19740072776	RTCC requirements for mission D and subsequent missions: Logic for the mission planning table	1968
19740072778	Preliminary launch abort study for Apollo Mission C/CSM-101	1968
19740072779	Fixed-attitude abort procedures for aborts occurring during translunar injection	1968
19740072781	Parking orbits aligned using planetary oblateness for direct Mars missions between 1975 and 1988	1968
19740072787	Apollo 6 (AS-502/CSM-020) spacecraft operational trajectory. Volume 4: Consumables analysis	1968
19740072791	Minimum delta V, two and three impulse non-coplanar abort maneuvers onto an escape asymptotic velocity vector following premature SPS shutdown during LOI phase	1968
19740072907	Real-time targeting for the Apollo lunar orbit insertion maneuver	1968
19740072908	Preliminary procedures for contingencies occurring during the high ellipse phase of mission E	1968
19740072922	Landmark orbital navigation plan for Apollo 7	1968
19740072924	Apollo 8 mission planning briefings	1968
19740072927	Apollo 6: Service module quad C temperature excursions	1968
19740072937	Apollo 7 (mission C) operational alternate mission plan	1968
19740072939	Compatibility of LM PGNCs and AGS concentric rendezvous maneuver computations	1968
19740072943	Apollo 4 mission report. Supplement 7: Command-module/service-module separation disturbances	1968
19740072946	Navigation and guidance systems performance for manned missions to Venus and Mars between 1972 and 1980	1968
19740072947	Communication blackout regions for Apollo lunar mission reentries	1968
19740072949	Apollo 6 entry postflight analysis	1968
19740072951	Predicted launch abort and landing point data computed during Apollo 4	1968
19740072952	Postflight simulation of the Apollo 5 trajectory from the second DPS burn to touchdown	1968
19740072953	Spacecraft operational abort plan for Apollo 7 (mission C). Volume 2: CSM launch aborts	1968
19740072954	Apollo 7 mission 15-day report	1968
19740072955	Apollo 4 mission report: Apollo Mission 4/AS-501 trajectory reconstruction and postflight analysis, volume 1	1968
19740072956	Sun-in-the-window analysis for the Apollo 7 nominal launch phase and the mode 3, fixed-delta 5 and mode 4 aborts	1968
19740072960	Portable life support equipment for Apollo applications missions	1968
19740072961	Comparison between Apollo reference mission program (ARM05) and high-speed integration program (PNGSAG)	1968
19740072966	MSFN navigation error analyses for the Apollo 8 mission	1968
19740072970	Electrical power systems study for an independent carrier for the applications A and B experiments	1968
19740073078	Goddard orbit reference systems	1968
19740073255	Artificial gravity experiment	1968
19740073257	Real-time auxiliary computing facility A-2/CSM-020 mission report	1968
19740073258	Apollo 8 spacecraft dispersion analysis. Volume 2: Translunar and transearth phases	1968
19740073259	Spacecraft dispersion analysis for Apollo 6 (A-2 OR AS-502/CSM-020)	1968
19740073260	Apollo mission G spacecraft reference trajectory. Volume 5: Mission summaries: September 1969 launch window	1968
19740073263	Preliminary analysis of LM abort and CSM rescue from 60-n. mi. CSM orbit during the Hohmann descent phase	1968
19740073264	AAP-1 preliminary Mode 3 and Mode 4 launch abort analysis	1968
19740073265	Apollo mission C (AS-205/CSM-101) spacecraft reference trajectory. Volume 4: Consumables analysis	1968
19740073266	FTCC requirements for Missions F and G: Selenographic-MNBY velocity transformation formulation	1968
19740073267	Apollo Mission E: AS-504/CSM-104/LM-4 spacecraft preliminary alternate mission studies	1968
19740073273	E-mission (AS-504/CSM-104/LM-4) navigation error analysis	1968
19740073274	A performance study of the Sundisk reentry guidance program for earth orbital mission	1968
19740073275	A one-phase targeting concept for the LM powered descent	1968
19740073278	Logic and equations for RTCC computation of lunar landing descent trajectory	1968
19740073376	The specific heat input of oxygen	1968
19740073810	Data catalog of satellite and rocket experiments	1968
19740073820	Shaping filter models for nonstationary random processes	1968
19740073821	Stability properties of shaping filters	1968
19740073822	Shaping filter representation of nonstationary colored noise	1968
19740073823	The effect of stray parameters on the stability of a class of nonlinear networks	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740073824	Computer-aided analysis of nonlinear networks	1968
19740074023	Apollo mission F spacecraft reference trajectory. Volume 1: Reference trajectory profile (launched 14 August 1969)	1968
19740074024	Abort reset points for an Apollo 8 mission launched 21 December 1968	1968
19740074025	Apollo mission C, alternate 1: Preliminary attitude sequence. Volume 2: Lunar orbit	1968
19740074385	Study of the stability of open pore structures in porous UC-ZRC	1968
19740074502	Special operational tests to verify the Apollo static inverter performance	1968
19740074531	Apollo mission evaluation plan	1968
19740074533	Apollo mission techniques description: C-prime lunar (alternate 1) lunar orbit activities techniques description	1968
19740074535	Apollo 8 mission: 3 day report	1968
19740074536	Apollo 4: Damage to recovered main parachute	1968
19740074544	Trajectory information for initial planning of terminal phase of coelliptic sequence rendezvous in lunar orbit	1968
19740074545	RTCC requirements for missions D, E, and F: Reentry phase	1968
19740074546	Minimum velocity increment single impulse propulsive gravity turn with constraints on the periapsis radius	1968
19740074552	RTCC requirements: Revised target lines and reentry range functions for the lunar landing program. Return-to-earth abort processor	1968
19740074554	Verification of the refraction module of the IBM RTCC navigation program in support of mission D	1968
19740074741	The influence of a local imperfection on the buckling load of a cylindrical shell under axial compression	1968
19740075007	Apollo communications systems performance and coverage analysis for mission Apollo 7	1968
19740075008	Project Apollo LM S-band communications gross compatibility test and analysis	1968
19740075014	Adaptation of Pioneer E for a 1970 Venus Orbiter mission. Volume 1: Technical report	1968
19740075016	Laser Applications in NASA Programs	1968
19740075028	A description of the output and displays of the Apollo mission planning and real-time rendezvous support program	1968
19740075035	A preliminary study of a lunar landing mission to Copernicus	1968
19740075038	Characteristics of LM aborts with PGNCs during early powered descent	1968
19740075156	The characteristics of atmospheric turbulence as related to wind loads on tall structures	1968
19740075157	A demonstration of auto-shaping with monkeys	1968
19740075210	Initial post-buckling behavior of a class of elastic structural systems	1968
19740075211	On the change in buckle pattern in elastic structures	1968
19740075420	Synthesis of calculational methods for the design and analysis of radiation shields for nuclear rocket systems. Volume 2: Geometrical and material descriptions of the PAX-E5 reactor and MSFC tank models, appendix	1968
19740075426	The 710 high-temperature gas reactor program. Volume 2: Reactor, systems, and facilities design	1968
19740075428	The 710 high-temperature gas reactor program. Volume 5: Fuel element stress analysis	1968
19740075429	The 710 high-temperature gas reactor program. Volume 6: Fuel element drawings and manufacturing specifications	1968
19740075656	A table of Uesugi's U- and V-functions for small values of optical thickness	1968
19740075790	Philadelphia region input-output study	1968
19740075864	Addendum. Apollo communication systems performance and coverage analysis for mission Apollo 7, revision 1, volume 1	1968
19740075865	Addendum. Apollo communication systems performance and coverage analysis for mission Apollo 7, revision 1, volume 2	1968
19740075872	Stress corrosion cracking of titanium alloy:	1968
19740075908	Fabrication and characterization of out-of-pile thermionic converters with stable performance	1968
19740076198	Apollo mission D (AS-503/CSM-103/LM-3) spacecraft reference trajectory, revision 1	1968
19740076219	Platform electronics package, Omega Position Location Equipment (OPLE)	1968
19740076403	Analytic ephemeris generation	1968
19740076532	Attitude stability of satellites subjected to gravity gradient and aerodynamic torques	1968
19740077275	Stress corrosion cracking of titanium alloys: Electrochemistry of freshly generated titanium surfaces	1968
19740077472	Lunar Module (LM) soil mechanics study	1968
19740077524	Annual report no. 13	1968
19740077529	Investigation of techniques for analysis of ancient sediments and extraterrestrial materials	1968
19740077765	M-RNA binding and peptide synthesis on ribosomes	1968
19740077767	Semiannual report, 1 September 1967 - 29 February 1968	1968
19740077770	Lunar and Solar System Research	1968
19740077771	Online computation of molecular formulas from mass number	1968
19740077828	A study of earth returns from Alouette satellite	1968
19740077837	Altitude developmental and flight support testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1801-42 through J4-1901-02)	1968
19740077871	The comparative chemical composition of continental vs island arc andesites in Alaska	1968
19740077875	A classification of long-term maintained neural activity in portions of sheep medulla	1968
19740077878	An investigation of volcanic depressions. Part 1: Geologic and geophysical features of calderas	1968
19740077904	Microbial activity in non-aqueous systems	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740077906	Hydrostatic pressure-temperature, as environmental parameters, on growth, biochemistry and physiology of microorganisms	1968
19740077916	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-34 through 36)	1968
19740077918	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-08)	1968
19740077929	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-06)	1968
19740077933	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1801-37 and 38)	1968
19740077938	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1801-28 through J4-1801-33)	1968
19740077942	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-04)	1968
19740078167	Flight support testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1901-03 through J4-1901-06)	1968
19740078268	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-23)	1968
19740078271	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1801-24 through 27)	1968
19740078521	Fatty acids derived from the Green River formation oil shale by extractions and oxidations: A review	1968
19740078524	Enzymic cyclization of 15-norsqualene 2,3-oxide B. 05Richter, W. J. 06Burlingame, A. L.	1968
19740078554	Fourth annual report	1968
19740078563	Cytochemical studies of planetary microorganisms: Explorations in exobiology	1968
19740078564	Cytochemical studies of planetary microorganisms: Explorations in exobiology	1968
19740078567	A mass spectrometer data acquisition and analysis system	1968
19740078590	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-07)	1968
19740078591	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test) J4-1801-10)	1968
19740078592	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-09)	1968
19740078593	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1801-17, 18, and 19)	1968
19740078594	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1801-21 and J4-1801-22)	1968
19740078595	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-20)	1968
19740078891	Environmental control systems design model study	1968
19740078894	Apollo mission D preliminary LM abort and CSM rescue plan	1968
19740078895	Techniques for predicting optimum interplanetary midcourse velocity-correction schedules	1968
19740078896	Mathematical model for the LM lunar descent hybrid simulation	1968
19740078898	Characteristic velocity analysis for the lunar descent	1968
19740078904	Revision 2 to the Apollo mission D spacecraft reference trajectory. Volume 1: Nominal trajectory	1968
19740078907	Apollo 4: Service module reaction control system quad A helium pressure decay	1968
19740078954	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1801-11 and J4-1801-12)	1968
19740078955	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4)(test J4-1801-20)	1968
19740078956	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1801-16)	1968
19740079080	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments	1968
19740079082	DENDRAL: A system for computer construction, enumeration and notation of organic molecules as tree structures and cyclic graphs. Part 3: Complete chemical graphs; embedding rings in trees	1968
19740079086	Cold-cathode-gage experiment electronics package. Thermal shield design development	1968
19740079091	Internal shorting of entry and postlanding batteries	1968
19740079092	Apollo 6: VHF recovery and survival beacon operation	1968
19740079093	Project Apollo: Revision 1 to the consumables analysis for the Apollo 8 spacecraft operational trajectory	1968
19740079094	Apollo 6 (A-2 or AS-502/CSM-020) spacecraft operational trajectory. Volume 2: Trajectory listing	1968
19740079190	The ignition characteristics of metals in oxygen atmospheres	1968
19740079443	The design and analysis of an automatic frequency control system	1968
19740079516	Assembly and disassembly procedure 3-stage potassium turbine	1968
19740079914	Stability and control characteristics at Mach 0.60 to 2.86 of a swept-wing fighter-airplane model with aft horizontal tail	1968
19740079918	Apollo 7 spacecraft operational trajectory, revision 1. Volume 2: Trajectory listing	1968
19740079920	Apollo 8 spacecraft operational alternate mission plans. Volume 2: Lunar alternate missions	1968
19740079922	Erratic data	1968
19740079923	Anomaly and failure listing report	1968
19740079924	Apollo 6: Erratic dosimeter measurements	1968
19740079925	Apollo 6: Computer update rejections	1968
19740079927	Apollo mission D (AS-503/CSM-103/LM-3) spacecraft reference trajectory. Volume 1: Nominal trajectory	1968
19740079930	RTCC requirements for Apollo 8: Preflight information	1968
19740080226	Manned spacecraft criteria and standards	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080409	Mission A-2/CSM 020 (Apollo 6) separation and recontact analysis summary	1968
19740080412	Comparison of LM PGNCS and AGS orbit insertion guidance logic and procedures	1968
19740080844	NASA quiet engine study	1968
19740081153	Study of feasibility of employing the SM RCS to deorbit the Apollo 7 spacecraft following a premature SPS cutoff	1968
19740081154	Apollo mission E (AS-504/CSM-104/LM-4) spacecraft reference trajectory, revision 1	1968
19740081601	A description of the input to the Apollo mission planning and real-time rendezvous support program	1968
19740081909	Optimal estimation, prediction, and control in a missile defense system	1968
19740082070	Optimum antenna arrangement for a VLF vertical incident ionospheric sounding system	1968
19740082071	High power VLF horizontal dipole transmitting antenna	1968
19740082167	Have Dagger study program (U)	1968
19740082355	Mathematical model for the LM descent orbit injection hybrid targeting simulation	1968
19740082356	Design, development, fabrication, and test of an environmental/thermal control and life support system in support of the Apollo applications program	1968
19740082357	An analysis of fuel cell operation for Apollo applications program uses	1968
19740082402	Annual progress report, 1 July - 31 December 1968	1968
19740082502	GFE rendezvous radar transponder performance and interface specification, block 2	1968
19740082519	Development of large diameter T-111 alloy tubing	1968
19740082520	Development of large diameter T-111 alloy tubing	1968
19740082615	Thermal analysis of gas pressurized expulsion systems, part 1	1968
19740083906	RASS: Radar Attitude Sensing System	1968
19740084157	Status report on the lunar mission entry monitoring and backup mode development	1968
19740084617	Apollo: Technical integration and evaluation	1968
19740084851	Preliminary study of engineering aspects of guided gun systems (U)	1968
19740084861	Operational support plan for the real-time auxiliary computing facility LV-502/CSM-020 flight annex	1968
19740084983	Product improvement test of armament for UH-1B aircraft electrical load data	1968
19740085198	SABMIS optimization study report. Volume 2B: System studies appendix (U)	1968
19740085727	Environmental test of trucks, forklift, electric, 2000, 4000, 6000, 10,000 pound capacity	1968
19740085853	Logic for the earth orbital AEG in the Apollo real-time rendezvous support program	1968
19740085856	Review of the SUNDISK cislunar midcourse navigation program	1968
19740086266	Aerodynamic characteristics of four spherical magnus rotors	1968
19740086401	Automated Microbial Metabolism Laboratory	1968
19740086405	Weight prediction manual, class 1	1968
19740087209	Investigations regarding development of a high-performance insulation system	1968
19740087210	Investigations regarding development of a high performance insulation system, appendices	1968
19740087215	Apollo mission C (AS-205/CSM-101) spacecraft reference trajectory. Volume 1: Mission description	1968
19740087216	Launch window effects on the Apollo 8	1968
19740087224	Emergency propulsive propellant venting systems concepts	1968
19740087255	Investigation of magnetically stabilized near earth satellites	1968
19740087402	Project Apollo: Preflight data for a lunar landing mission. Volume 3: Trajectory parameter summaries for launch day in the monthly window	1968
19740087529	Military preliminary evaluation of the X-22A VTOL research aircraft	1968
19740087581	Method of increasing shock wave total positive durations with DRES shock valves	1968
19740087582	DRES-shock tube facilities	1968
19740087604	Forming and joining developments for columbium and TD NiCr radiative heat shields. 4: Structures and materials	1968
19740087885	Automatic display of ultrasonic fields in water: Application to acoustic holography	1968
19750063761	EDUSAT: A preliminary design for an educational television satellite system for the United States in the mid-1970's	1968
19750063783	Subsonic cruise and loiter performance of a multiposition convergent-divergent ejector applicable to a supersonic transport	1968
19750063784	Static stability and performance characteristics of a hypersonic cruise airplane model with wing and tail variations at Mach 10.03	1968
19750063785	Heat Transfer Effects of Surface Protuberances on the X-15 Airplane	1968
19750063786	Reentry aerodynamic characteristics of a reusable launch vehicle based on supersonic transport design at Mach 3.0, 4.5, and 6.0	1968
19750063787	A preliminary flying-qualities evaluation of a variable-sweep fighter-type aircraft	1968
19750063805	Longitudinal aerodynamic characteristics of wing-body models with arrow, delta, and diamond planforms at Mach numbers from 2.30 to 4.63 and comparisons with theory	1968
19750063811	Aerodynamic characteristics in pitch at Mach 2.30, 2.60, and 2.96 for basic and modified wing-body models of a supersonic transport configuration	1968
19750063813	Low-speed aerodynamic characteristics of a highly swept supersonic transport model with auxiliary canard and high-lift devices	1968
19750063814	Stability characteristics of a sting-supported collapsible plug nozzle Mach numbers from 0 to 2.0	1968
19750063815	Analysis of the supercircular reentry performance of a low-density phenolic-nylon ablator	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750063877	Apollo 7 spacecraft operational trajectory, Revision 1, Volume 3: Tracking time histories	1968
19750063878	Apollo 6 mission report: Trajectory reconstruction and analysis	1968
19750063887	The consumables analysis for the Apollo mission E spacecraft reference trajectory	1968
19750063889	Saturn 5 flight manual SA-503	1968
19750063931	A satellite ion-electron collector: Experimental effects of grid transparency, photoemission, and secondary emission	1968
19750064182	Aerodynamic Characteristics at Mach 2.50 of a Cruciform Missile Configuration with In-Line Inlets, Wings, and Tail Surfaces	1968
19750064183	Effect of camber and twist on longitudinal aerodynamic characteristics of a wing-fuselage model at Mach numbers up to 1.30	1968
19750064184	Aerodynamic characteristics of a missile configuration at Mach numbers from 0.40 to 0.95	1968
19750064218	Apollo applications program	1968
19750064222	Apollo mission techniques C-prime lunar (alternate 1) contingency procedures. Revision A: Techniques description	1968
19750064225	An empirical simulation equation expressing the characteristic velocity of optimum TLI maneuvers for all missions	1968
19750064228	Apollo mission E (AS-504/CSM-104/LM-4) spacecraft reference trajectory. Volume 4: Consumables analysis	1968
19750064234	Oxygen check valve leakage	1968
19750064236	Apollo 7 mission, 3 day report	1968
19750064240	Revision 1 to the Apollo 8 spacecraft operational trajectory. Volume 2: Summary of transearth trajectory data for December 1968 launch window	1968
19750064246	Apollo 7 mission onboard monitoring analysis for each SPS burn	1968
19750064247	RTCC requirements for missions F and G: Empirical equations for simulating the translunar injection maneuver	1968
19750064255	Apollo spacecraft program	1968
19750064258	Apollo mission techniques. C-prime lunar (alternate 1) tracking data, selection controllers procedures, techniques description	1968
19750064265	The calculation of trajectories by the empirical simulation of restricted state vectors	1968
19750064272	Apollo guidance and navigation error analysis	1968
19750064475	Static aerodynamic characteristics of three blunted sixty-degree half-angle cones at Mach numbers from 0.60 to 1.30	1968
19750064584	Performance evaluation of beryllium propellant systems	1968
19750064610	Quantitative analyses of lunar module slopes in candidate Apollo landing sites	1968
19750065048	A Numerical Investigation of Laminar Newtonian Flow in a Sudden Expansion and Tee	1968
19750065494	Development of JPL-55: A phosphorous propellant system	1968
19750065832	Apollo 6 (A-2 or AS-502/CSM-020) spacecraft operational trajectory. Volume 1: Mission profile	1968
19750065837	Apollo mission D-a/CSM-103/LM-3 revised spacecraft reference trajectory. Volume 4: Consumables analysis	1968
19750065838	Apollo 7 spacecraft operational trajectory (revision 1). Volume 1: Mission profile	1968
19750065839	Verification of unit test results for the convergence processor module of the Apollo mission D ground orbit determination program	1968
19750065840	Real-time auxiliary computing facility: Apollo 5 mission report	1968
19750065841	Apollo 5 mission report. Supplement 2: Apollo mission 5/AS-204/LM-1 trajectory reconstruction and postflight analysis, volume 1	1968
19750065847	Apollo mission techniques, mission C CSM rendezvous. Volume 1: Techniques description, revision A	1968
19750065848	Apollo mission techniques. Mission C-prime lunar (alternate 1) translunar midcourse corrections and lunar orbit insertion. Volume 1: Techniques description, revision A	1968
19750065849	Apollo mission techniques. Mission C retrofire and reentry. Volume 1: Techniques description, revision A	1968
19750065850	Apollo mission D (AS-504/CSM-104/LM-3) spacecraft operational trajectory. Volume 1: Mission profile	1968
19750065854	Verification of the propagation control package of the MPB orbit determination program	1968
19750065855	Effects of water boiler venting on the Apollo 6 mission	1968
19750065859	LM powered ascent trajectory for the Apollo lunar landing mission	1968
19750065860	RTCC requirements for the TLI burn go/no-go procedure	1968
19750066577	Neutron activation determination of iridium in meteorites	1968
19750066882	Error analyses of typical Apollo spacecraft maneuvers using the PGNCs and SCS to control the SPS	1968
19750066884	Apollo 6 (A-2 or AS-500/020) operational spacecraft abort plan	1968
19750067802	Apollo 4 mission report	1968
19750068794	Evaluation of NRX-A6 pressure vessel assembly	1968
19750068810	XECF data analysis	1968
19750068823	Measurement of the impedances of the inductotherm element coating furnaces	1968
19750068837	XE cooldown systems	1968
19750068838	E and R system analysis	1968
19750068839	Correlation study of ultrasonic shear-wave inspection of nozzle coolant channel braze shear joints phoebus-2 nozzle S/N 880600	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750069071	Development program on long term testing of cylindrical thermionic diodes and the irradiation of fuel and insulators	1968
19750069075	Low subsonic dynamic-stability investigation of several planetary-entry configurations in a vertical wind tunnel, part 2	1968
19750069158	Quality and workmanship manual for welding	1968
19750069281	Stability characteristics of gyroscopes with hydrodynamic grooved rotor bearings	1968
19750069565	Study of Advanced Multipurpose Large Launch Vehicles	1968
19750069576	Analysis of multisensor data	1968
19750069926	XECF site test report	1968
19750070040	Apollo 7 operational consumables analysis	1968
19750070161	F-1 rocket engine data manual	1968
19750070545	NTO Semi-monthly progress report, 16 July through 31 July 1968	1968
19750070900	Hypersonic research engine project. Structures and cooling development	1968
19750070914	Hypersonic research engine project. Phase 2A: Structures and cooling development	1968
19750070915	Hypersonic Research Engine Project. Phase 2A: Inlet Program	1968
19750070918	Hypersonic research engine project. Phase 2A: Combustor program	1968
19750070920	Hypersonic research engine project. Phase 2A: Inlet program	1968
19750070945	Recent results of sonic boom research	1968
19750070979	ETS-1 data acquisition system accuracy report	1968
19750071361	Effect of helium injection into the oxidizer feed system on the F-1 engine operation and performance	1968
19750071490	Hypersonic research engine project. Phase 2A: X-15A-2 integration program, data item no. 55-9.04	1968
19750071492	Hypersonic research engine project. Phase 2A: Ground support equipment development, data item no. 55-10.03	1968
19750071493	Hypersonic research engine project. Phase 2A: Ground support equipment development, data item no. 55-10.02	1968
19750071494	Hypersonic research engine project. Phase 2A: X-15A integration program, data item no. 55-9.05	1968
19750071512	ETS-1 electrical power system failure mode analysis	1968
19750071520	Welding standards, final issue	1968
19750071543	NERVA nuclear subsystem product assurance program plan	1968
19750071951	Hypersonic research engine project. Phase 2A: Combustor program, data item no. 55-2.06	1968
19750072188	Apollo mission D-a/CSM-103/LM-3 revised spacecraft reference trajectory, volume 1	1968
19750072298	Apollo (AS-502/CSM-020/LTA-2R) spacecraft operational trajectory. Volume 3: Tracking time history	1968
19750072448	Europa 3 aerodynamics	1968
19750072471	Control of first stage hazardous circuits equatorial launch site and C3 site DG. MSRV F11 and subsequent vehicles	1968
19750072476	The control of hazardous systems at Guiana	1968
19750072494	Integration LAS: Third stage study	1968
19750072502	Post flight analysis and trial evaluation of F7 space vehicle flight	1968
19750072505	Consideration of the autopilot command decoder design specifications concerning the coasting phase	1968
19750072506	Investigations of the third stage behaviour for enlarged mass due to the fairings and of the third stage behaviour at releasing the fairings	1968
19750072638	Structural reliability under conditions of fatigue and ultimate load failure	1968
19750072665	Apollo mission E (AS-504/CSM-104/LM-4) spacecraft reference trajectory. Volume 1: Mission profile	1968
19750072836	U. S. program and project descriptions for operation prairie flat	1968
19750073057	Apollo mission E(AS-504/CSM-104/LM-4) spacecraft reference trajectory, revision 2. Volume 1: Mission profile	1968
19750073285	Revision 1 to the Apollo 8 spacecraft operational trajectory. Volume 1: Mission profile for December 21 launch	1968
19750073288	Apollo anomaly status	1968
19750073296	Apollo mission G reference trajectory. Volume 2: Reference mission profile trajectory parameters (launched August 14, 1969)	1968
19750073297	Apollo mission E (AS-504/CSM-104/LM-4) spacecraft reference trajectory, revision 2. Volume 2: Trajectory listing. Part 1: CSM parameters	1968
19750073907	Re-evaluation of graphite thermochemical ablation	1968
19750073946	Mission B-1/LM-1 (Apollo 5) separation and recontact analysis: Summary document	1968
19750073948	Apollo mission E(AS-504/CSM-104/LM-4) spacecraft reference trajectory, revision 2. Volume 2: Trajectory listing. Part 2: LM and separation parameters	1968
19750073949	Spacecraft operational abort plan for Apollo 7 (mission C). Volume 3: Contingency deorbit report	1968
19750073950	Apollo 5 mission (AS-204/LM-1) spacecraft operational trajectory. Volume 4: Consumables analysis	1968
19750073951	The Apollo 8 spacecraft operational trajectory reentry phase for volume 1, revision 1	1968
19750073953	The real-time auxiliary computing facility. LV-204/LM-01 (Apollo 5) operational support team handbook	1968
19750073954	Apollo mission G spacecraft reference trajectory. Volume 4: Mission summaries, August 1969 launch window	1968
19750074093	Systems calculations on the sidewinder 1C missile (U)	1968
19750074094	RF transparent infrared reflective coating study (U)	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074289	Technology needs: Environment program element 6.24.05.39.F	1968
19750074617	Hypersonic research engine project, phase 2A. Nozzle program	1968
19750074680	Report of the special group on optical masers for 1968 (U)	1968
19750074760	Mobile ASW systems research and development airborne array systems study (U)	1968
19750074868	Graphite fiber reinforced composites, part 1	1968
19750074874	CIRADS 3 Proceedings, volume 1	1968
19750074916	Initial low-speed tunnel tests on the effect of pressure ratio on blowing over trailing-edge flaps	1968
19750074927	Flow near the apex of a plane delta wing	1968
19750075417	Design of a differentiator module and multivibrator module indicator logic for a solid state decommutator	1968
19750075418	Design of a digital phase detector for a solid state decommutator	1968
19750075436	Troposcatter spectrum utilization analysis	1968
19750075669	Ferroelectric ceramic materials	1968
19750076532	Report of EMI control test on public address set AN/GIH-3	1968
19750076923	Geographic applications, November 1967	1968
19750076924	Cartographic investigations for July, August, and September 1968	1968
19750076925	Cartographic investigations for January 1968	1968
19750077098	Delay-line magnetic recording system	1968
19750077269	The 1968 Test Plan: Three-Stage Turbine Test in Potassium	1968
19750077406	Development of microcircuit preamplifiers and clippers	1968
19750077509	Comparison test of carrier, cargo amphibious tracked: M116A1, USMC reg. no. 346438	1968
19750077599	Design of the dc restorer, SYNC recognizer, error amplifier modules for a solid state decommutator	1968
19750077918	Design of rate, potentiometer, filter, relay, test point, signal conditioner, and connector modules for a solid-state decommutator	1968
19750077919	Design of a data integrator module for a solid-state decommutator	1968
19750077920	Design of a multiple input and gate for a solid-state decommutator	1968
19750077921	Reliability prediction for a solid-state decommutator	1968
19750078494	A methodology for evaluating the effectiveness of tactical communications systems	1968
19750078594	Flight dynamic testing and analysis of thermionic reactor fuel elements	1968
19750078595	Fission product behavior within two W uranium dioxide cermet fuel elements irradiated in a temperature gradient	1968
19750078596	The application of transpiration cooled reentry protection materials (REPROM) to the SNAP-27 and puck systems	1968
19750078601	Monthly progress report, Jan. 1968	1968
19750078602	Monthly Progress Report, Feb. 1968	1968
19750078756	Fort Greely climate calendar	1968
19750078930	Design of a level detector for a solid-state decommutator	1968
19750079434	TOS-75 simulation requirements	1968
19750079573	Satellite subsystem study contract. Volume 3: Recommendations for satellite subsystem technology development (U)	1968
19750079575	Satellite subsystem study contract. Volume 1: A study of satellite system requirements (U)	1968
19750079587	Automatic demon target classification for passive sonar (U)	1968
19750079624	Apollo mission techniques mission C tracking data selection controllers procedures, techniques description	1968
19750079631	Cartographic investigations	1968
19750079642	Development of network analysis for Systems Application Program (NASAP)	1968
19750079903	Tactical considerations of atmospheric effects on laser propagation	1968
19750080035	Computer program manual: Planar doublet lattice method for unsteady aerodynamic forces	1968
19750080149	Initial production test of electric drive modification kit for 10,000 BTU/HR refrigeration unit	1968
19750080299	Low modulus glass fibers	1968
19750080502	Propellant grain analysis 2.75 inch WAFF rocket	1968
19750080545	Substantiating data report standard aircraft characteristic BQM-34A target drone	1968
19750080823	Radioisotope heated propellant reaction control systems	1968
19760065219	Hypersonic research engine project. Phase 2A: Combustor program, data item no. 55-2.05	1968
19760065233	Hypersonic research engine project. Phase 2A: Combustor program, data item no. 55-2.04	1968
19760065234	Hypersonic research engine project. Phase 2A: Ground support equipment development	1968
19760065236	Hypersonic research engine project. Phase 2A: X-15A-2 integration program, data item no. 55-9.03	1968
19760065316	Westinghouse Astronuclear Experimental Facility operating limits	1968
19760065949	Hypersonic research engine project. Phase 2A: Structures and cooling development, data item no. 55-7.06	1968
19760065950	Hypersonic research engine project. Phase 2A: Structures and cooling development, data item no. 55-7.07	1968
19760065954	NERVA materials irradiation program. GTR Test 19. Volume 3: Fractography and metallography	1968
19760065976	Trade study report: Preliminary	1968
19760066061	Aerodynamic heating for wedge/wedge or cone/cone at angles of attack from zero to approximately 40 deg: Digital computer program NZLDW005, FORTRAN 4, IBM 360/91	1968
19760066198	Westinghouse Astronuclear Experimental facility reactor operations manual	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760066542	Space film reference guide	1968
19760067013	Atmospheric contaminants in spacecraft	1968
19760067220	Monte Carlo calculations of the nucleon-meson cascade in iron initiated by 1- and 3-geV protons and comparison with experiment	1968
19760067905	Handbook of operating and maintenance instructions for XE-1 engine control system, volume 2	1968
19760068531	The design of a VHF frequency-modulated transistor oscillator	1968
19760068573	Experiment design for GTR-20 radiation effects test of copper-boron-10, 37/W409	1968
19760068583	Cryogenic radiation effects on NERVA structural alloys	1968
19760068584	75k NERVA engine systems analysis design data book	1968
19760068625	Notes of monthly development test program review meeting held with SNPO	1968
19760068634	Summary fabrication report for the NERVA XE-2 fueled elements	1968
19760068635	Notes of Monthly Development Test Program Review Meeting	1968
19760068636	NERVA reactor, topping cycle studies	1968
19760068932	Fuel development test on specification IV-3 high expansion graphite	1968
19760069289	XE-1 CAM equation derivation, volume 2	1968
19760069323	NERVA nuclear subsystem	1968
19760069324	NERVA nuclear subsystem	1968
19760069340	Summary of Westinghouse Astronuclear Laboratory raw materials activities for NERVA application	1968
19760069341	NRX-A6 post-test dynamic analysis	1968
19760069342	Model status report, 1967	1968
19760069349	Westinghouse Astronuclear Laboratory contribution to the Twenty-seventh High Temperature Fuels Committee Meeting	1968
19760069353	NTO semimonthly progress report, 1-15 February 1968	1968
19760069354	NERVA test operations emergency plan E-MAD complex	1968
19760069359	Anti-critically poison wire system for NERVA	1968
19760069387	Radiochemical analysis of NRX-A6	1968
19760069724	WFDD-TS-3005 permeability studies	1968
19760069732	NERVA nuclear subsystem	1968
19760069740	Notes of Monthly Development Test Program Review Meeting held with SNPO at WANL	1968
19760069741	Westinghouse Astronuclear Laboratory contribution to the Twenty-sixth High Temperature Meeting	1968
19760069763	Preliminary summary of the Pewee 1 manufacturing campaign	1968
19760069765	NRX-A6 final report	1968
19760069789	NERVA irradiation program. ASTR in-pile-tube test 1 pressure transducers (test 23/R512A)	1968
19760071355	Survival of whole-body-irradiated hibernating and active ground squirrels, Citellus tridecemlineatus	1968
19760072144	Apollo 7 Mission Report	1968
19760072188	Hypersonic research engine project. Phase 2A: Nozzle program	1968
19760072189	Hypersonic research engine project. Phase 2A: Instrumentation program, data item no. 55-8.07	1968
19760072190	Hypersonic research engine project. Phase 2A: Nozzle program, data item no. 55-3.02	1968
19760072197	Hypersonic research engine project. Phase 2A: Aerodynamic and engine performance analysis	1968
19760072198	Hypersonic research engine project. Phase 2A: Aerodynamic and engine performance analysis	1968
19760072199	Hypersonic research engine project. Phase 2A: Aerodynamic and engine performance analysis	1968
19760072334	XE-2 Nuclear Subsystem Thermal and Nuclear Design Data Book	1968
19760072655	Hypersonic research engine project. Phase 2A: Instrumentation program	1968
19760072684	Final test specification BATH shield material test 37/W411	1968
19760072689	Final test specification bath shield material 37/W411 revision 1	1968
19760072728	Metal tube bore inserts	1968
19760073032	Apollo applications program environmental control/life support systems: A study of the properties of solid adsorbents for the design of regenerative CO2 removal systems	1968
19760073180	Notes of monthly development test program review meeting held with SNPO at WANL on 16 November 1966	1968
19760073181	Notes of monthly development test program review meeting held with SNPO at WANL on 1 May 1968	1968
19760073594	Rayleigh step journal bearing. Part 2: Incompressible fluid	1968
19760073599	Design study report for the improved TOS (ITOS) system. Volume 1: System design	1968
19760073600	Design study report for the improved TOS (ITOS) system. Volume 2: Spacecraft design	1968
19760073601	Design study report for the improved TOS (ITOS) system. Volume 3: Ground equipment design and appendices	1968
19760074019	A second-approximation theory for sandwich shells	1968
19760074799	ELDO PAS flight mechanics study	1968
19760074814	Project definition of the 14 to LH2/LO2 upper stage	1968
19760074838	Comparison of the reliability of several logic circuit configurations of the ELDO PAS satellite attitude control	1968
19760074855	Proposal of a filtering method to determine PAS satellite attitude on ground	1968
19760074856	Payload Shrouds for future generation European launchers: Definition study	1968
19760074857	Theoretical investigation on the intact reentry of isotopic sources	1968
19760074860	Calculation of errors introduced in the angular velocity measuring system of the ELDO PAS launcher	1968
19760074871	Notes on ground operations for attitude control including orbit control interface	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760074874	Information concerning the phenomena related to the increase of rotational speed of a vehicle during the propulsive phase	1968
19760074879	Reliability of the apogee motor ignition system for PAS	1968
19760074914	Definition of the filling of ELDO PAS perigee motor	1968
19760074952	Definition of standard design load cases. Flight loads: Kinetic heating	1968
19760074983	Comparison of the reliability of two solar array configurations as proposed for the ELDO PAS satellite	1968
19760075033	Aerodynamic loads: Evaluation of design methods and basic design data	1968
19760075037	Structural flight and design loads: Transonic buffeting (aerodynamics)	1968
19760075038	Structural flight and design loads: Transonic buffeting (structure behavior)	1968
19760075062	Europa 3 study: Methods of injection into equatorial circular synchronous orbit	1968
19760075130	Study of the perigee stage behavior under the test loads requested by SEPR for ELDO-PAS	1968
19760075137	Booster study for ELDO vehicle: Definition of boosters	1968
19760075149	A study to determine optimum first-stage attitude programmes for an F10 standard of ELDO A launch vehicle	1968
19760075161	ELDO A: Use of a second thrust level for the F11 test launch	1968
19760075163	Influence of the baffles on the fuel sloshing of the third stage, flight standard F7 and F10	1968
19760075177	Technical description of the program unit for the ELDO space vehicle launcher	1968
19760075194	Possibilities offered by radioactive-isotopic propulsion for positioning satellites in synchronous orbits	1968
19760075222	Capsule materials for space radioisotope heat sources	1968
19760075232	ELDO PAS perigee motor: Development firings of solid filling	1968
19760075233	ELDO PAS program. Spin rocket: Test firings	1968
19760075235	RZ20 oxygen/hydrogen thrust chamber: Film cooling	1968
19760075240	Study of a 392kN propulsion system with turbopump	1968
19760075251	Survey of the material standard	1968
19760075256	Structural flight and design loads: Material standard	1968
19760075257	The tensile properties of some structural materials in the temperature range 293K to 20K. Part 2: Aluminium alloy sheet D74S WP	1968
19760075258	High strength steels for the construction of pressure vessels	1968
19760075289	Effect of boundary-layer displacement thickness on heat transfer for the ELDO-A vehicle	1968
19760075408	Structural flight and design loads: Vibration calculation	1968
19760075410	Structural flight and design loads: Ground loads	1968
19760075421	Safety factors	1968
19760075432	Structural flight and design loads: Gust loads	1968
19760075433	Gust loads	1968
19760075456	Structural flight and design loads: Panel flutter	1968
19760075460	Pressure measurements on a model of the forward part of the ELDO-A satellite launching vehicle at Mach numbers from 0.6 to 1.9. Volume 1: Text and figures	1968
19760075461	Pressure measurements on a model of the forward part of the ELDO-A satellite launching vehicle at Mach numbers from 0.6 to 1.9. Volume 2: Tables	1968
19760075478	Procedure for placing PAS vehicle in orbit	1968
19760075479	Mathematical model of the transfer phase and PAS firing elements determination	1968
19760075485	Considerations on double separation, F7 flight	1968
19760075557	Design specification interface test unit inertial guidance system ELDO-A launch vehicle	1968
19760075564	Proposal for a study to determine the optimum first stage attitude programme, F10 standard ELDO A launch vehicle	1968
19760075576	Reinvestigation of the residual rate of rotation at third stage vernier engine cutoff. Revised edition	1968
19760075594	ELDO PAS program: Apogee stage	1968
19760075596	ELDO PAS program	1968
19760075597	PAS satellite	1968
19760075601	Estimation of the maximum weight of geostationary satellites launched by a Europa 2 vehicle	1968
19760075602	Influence on the performance of the PAS satellite of an error in the perigee rocket motor ignition time	1968
19760075604	Application of a dynamic calculation for the dimensioning of the ELDO PAS satellite	1968
19760075614	DOAMA program: Determination of the optimal date of the apogee engine firing	1968
19760075631	Feasibility study of vehicles using Blue Streak boosters as first stage and Blue Streak as second stage	1968
19760075632	Injection in synchronous equatorial orbits with an ELDO-B launch vehicle plus perigee stage	1968
19760075651	An investigation of the lateral loop stability for the F9 vehicle during first stage flight	1968
19760075702	Probability of collision between third stage and adaptor in F7 flight	1968
19760075716	STV third stage 1100mm dia separation system: Calculation of pretension	1968
19760075722	ELDO PAS satellite: Preliminary thermal study of the stresses at fairing jettisoning	1968
19760075746	ELDO PAS equipment: YO system optimization	1968
19760075747	Satellite relative motion regarding adaptor in F8 flight	1968
19760075787	Addition of liquid propellant boosters to Blue Streak: Investigation study	1968
19760075790	Envelope of loadings during first stage flight for the ELDO-A vehicle	1968
19760075797	Notes on utilization possibilities of Europa 2 launch vehicle for the telecommunication satellites placement in elliptical orbit	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075822	ELDO PAS: Compensation for sensor misalignments in the attitude determination	1968
19760075827	Procedure for orbital corrections	1968
19760075849	Principle of choice for a gyroblock of the capsule technologique system	1968
19760075850	Coralie guidance in pitch and yaw: Preparation for F8 launch	1968
19760075868	F7 visibility from ground	1968
19760075876	Strapdown inertial guidance system study	1968
19760075903	Project definition of the 14 tonnes LH2/LO2 upperstage	1968
19760075907	ELDO PAS perigee bay: Justification of frames	1968
19760075916	Proposal covering development of on-board instrumentation for vibration data analysis in ELDO-STV	1968
19760075930	Development of low thrust rocket motors utilizing the bipropellant N2O4 - Az50. Volume 1: Experimental study of the injection system	1968
19760075931	N2O4 - Az50 - 2kg thrust water cooled chamber	1968
19760075958	Liquid propellant boosters for ELDO launchers (Europa 4): Feasibility study	1968
19760075977	Flame attenuation effects due to stage 2 motors	1968
19760075999	ELDO PAS program: Estimation of the specific impulse of apogee and perigee motors and propellant weight to fill the motor	1968
19760076008	Development and qualification tests of the ELDO perigee stage (first updating)	1968
19760076009	ELDO PAS program: Development of casing	1968
19760076010	ELDO PAS program: First test on the motor with a complete igniter	1968
19760076015	ELDO experimental program on auxiliary propulsion system using N2O4 and Az50. Volume 1: Drawings	1968
19760076016	ELDO experimental program on auxiliary propulsion system using N2O4 and Az50, volume 2	1968
19760076024	PAS spin rocket: Nozzle jet expansion at exit	1968
19760076037	ELDO PAS. Apogee engine: General definition of tests	1968
19760076093	ELDO PAS satellite: VHF antenna and branching system study	1968
19760076113	Thermal consideration of fairing and payload compartment for the PAS	1968
19760076116	Thermokinetic heating in a molecular flow	1968
19760076119	Cooling air supply for the PAS	1968
19760076120	Umbilicals for the PAS	1968
19760076138	Kinetic heating: Heat transfer distribution around blunt bodies	1968
19760076139	Review of computational methods on kinetic heating	1968
19760076159	PAS program: Connectors for internal umbilical cables	1968
19760076174	Certainty of operation and optimization of cost distribution	1968
19760076190	Locking tension of the strap of the AERFER separation system (diameter 1100mm)	1968
19760076194	Research program for the load tests and a destructive test with the ASE-2 in Lemwerder	1968
19760076204	ELDO-A vehicle: Load capability strength limits	1968
19760076205	Vehicle vibration environment	1968
19760076219	Investigation of the instabilities of longitudinal oscillations of the third stage ELDO-A/F7: Pogo	1968
19760076295	F7 multistage vehicle overall flight loads	1968
19760076328	Automatic choice of three measuring points for optimal PAS vehicle orbit determination	1968
19760076354	Study of the effect of third stage angular perturbation upon STV third stage separation	1968
19760076356	A survey of a launch vehicle consisting of Europa 1 with two strap-on Blue Streaks	1968
19760076390	Effect of the environment on the optical characteristics of external casings of synchronous satellites	1968
19760076399	ELDO PAS program, perigee stage: Definition of the rear skirt, the rear mechanical interface and the jettisoning system	1968
19760076403	ELDO PAS perigee stage. Static trials of the rear skirt separation system diameter 810 mm	1968
19760076444	Layout of the third stage attitude control system, flight standard F8	1968
19760076449	Computer program for the visibility of a satellite from a ground station and the acquisition errors due to the errors on the satellite trajectory: Results concerning Redu and Gove	1968
19760076475	Sequencer programmer 1PR. Coralie F8: Note on prototype	1968
19760076486	Investigations concerning the transient time of the third stage under control of the auxiliary attitude control system	1968
19760076487	Parameters of the third stage attitude control system, flight standard F9	1968
19760076489	Functional tests of the separation system on the rear skirt of the PAS (810mm diameter)	1968
19760076491	Proposal covering a spectrum analyzer using autocorrelation technique for on-board analysis of vibration data in ELDO STV	1968
19760076494	Evaluation summary of the Boelkow GmbH, MAN-Turbo GmbH and Dynamit-Nobel AG studies for an improved Symphonie satellite apogee engine	1968
19760076501	Development with test engine of nozzle PG 1758 with altitude simulation: ELDO perigee engine	1968
19760076505	Apogee rocket engine for CETS satellite: Industrial study	1968
19760076508	Nine open-air tests of the provisory igniters for MPP test firings	1968
19760076509	ELDO PAS program: Igniter development	1968
19760076510	ELDO PAS program: First series of tests on altitude simulation bed (at CEP Saclay)	1968
19760076518	ELDO F8 launch: Estimation of the unburnt mass as a function of the orbit chosen and second stage impact point	1968
19760076528	Technical manual for the manufacturing of 800mm diameter ELDO rocket motor case in wound fiberglass	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076531	Insulation techniques at very low temperatures	1968
19760076553	Kinetic heating: Expected temperature for F7	1968
19760076564	Qualification program for electronic and electromechanical equipment installed in Coralie stage	1968
19760076574	Evaluation of the thrust measurements carried out at Lampoldshausen	1968
19760076576	Vibration tests on adaptor assembly: Separation systems for F7 flight	1968
19760076577	ELDO PAS. Qualification of rear skirt and lower separation system: Vibration tests	1968
19760076580	Use of safety factors for alleviating loads	1968
19760079361	Industrial atmosphere test for electric connector contacts	1968
19760079372	Investigation of abrasion testing of aircraft wire	1968
19760080291	Low-energy proton effects on IDCSP/a solar cells	1968
19760081254	A compilation of scientific computer program abstracts, revision 1	1968
19760081850	Map of the galactic center region at 2.2 muons	1968
19760081893	Monthly reports for May and June 1968 on USGS-NASA cooperative studies under the earth resources survey program	1968
19760081895	March - April 1968 monthly reports on USGS-NASA cooperative studies under the earth resources survey program	1968
19760081896	December 1967 monthly reports on USGS-NASA cooperative studies under the earth resources survey program	1968
19760082291	USGA-NASA cooperative studies under the earth resources survey program	1968
19760083601	Pseudo-random number generators using linear recurrence relations	1968
19760084228	Study/research for air-to-air combat simulator. Volume 1. Melpar system approach	1968
19760085418	Hydrofoil craft designers guide	1968
19770068974	NERVA accidental criticality study	1968
19770070008	Melting curves of lithium, sodium, potassium, and rubidium to 80 kilobars	1968
19770070785	Catalog of Surveyor 1 television pictures	1968
19770072715	Software configuration management plan	1968
19770072976	Membranes of Saccharomyces cerevisiae	1968
19770075073	Apollo 16 PIP model D production program	1968
19770075074	Mission requirements: G type mission lunar landing	1968
19770075084	A study of lunar traverse missions	1968
19770075097	Parachute subsystem Apollo block 2 increased capability earth landing system, series 85, qualification drop tests, volume 1	1968
19770075100	Simulated landing impact rupture test-command module 008A reaction control system propellant tanks	1968
19770075463	Apollo EMU garment program	1968
19770075713	Apollo CSM-LEM docking ground rules	1968
19770075714	Apollo Lunar Surface Drill (ALSD)-qualification test report (mechanical) (qualification test unit S/N 0000001)	1968
19770075717	Rendezvous procedures Apollo 7 AS-205/101	1968
19770075718	Logic for real-time computation of lunar concentric rendezvous maneuvers	1968
19770075722	Apollo service propulsion system preflight analysis	1968
19770075729	Flight controllers operations handbook, Apollo 7, revision A	1968
19770076104	Design certification review-block 11-ECS	1968
19770076345	IMBLMS phase B, section 2 documentation. Volume 1: Measurement requirements	1968
19770076347	Mission requirements F type mission, lunar orbit	1968
19770076348	Mission requirements G type mission, lunar landing	1968
19770077073	IMBLMS phase B, section 2 documentation. Volume 2: Mission spacecraft analysis and crew integration	1968
19770077076	Integrated medical and behavioral laboratory measurement system. Phase B-II, volume 2: Measurements compilation of study results	1968
19770077078	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS), phase B.	1968
19770077080	Integrated medical and behavioral laboratory measurement system, phase B 2. Volume 3: System concept and design. Appendix B: Function flow block diagrams	1968
19770077081	Integrated medical and behavioral laboratory measurement system, phase B 2. Volume 3: System concept and design. Appendix A: Measurement specification sheets	1968
19770077082	Integrated medical and behavioral laboratory measurement system, phase B 2. Volume 3: System concept and design. Appendix F: Program and management plans	1968
19770077083	Integrated medical and behavioral laboratory measurement system, phase B 2. Volume 3: System concept and design. Appendix E: Precision and accuracy report	1968
19770077084	Integrated medical and behavioral laboratory measurement system, phase B 2. Volume 3: System concept and design. Appendix D: Performance and design RQMTS specification	1968
19770077085	Integrated medical and behavioral laboratory measurement system, phase B 2. Volume 3: System concept and design. Appendix C: Human engineering work sheets	1968
19770077771	IMBLMS phase B, section 2 documentation. Volume 3: Medical and engineering reports and trade studies	1968
19770077773	Integrated Medical and Behavioral Laboratory Measurement System, Phase B	1968
19770080433	Civil aviation research and development: An assessment of federal government involvement	1968
19770082516	Compressible Turbulent Boundary Layers	1968
19770085371	Thermodynamic and fluid mechanic studies of cryogenic propellants	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085544	Improvement of the resistance to severe environments of pyrotechnic devices ignited by percussion	1968
19770085545	Study of an initiator with weak explosive charge for primers and igniters in a severe surrounding	1968
19770085620	Properties of selected radioisotopes. A bibliography. Part 2: Classified literature	1968
19770085782	AGM-69A nozzle thermal analysis design analysis report	1968
19770086375	GLOW optical data report on athena flight no. 093-B023-108	1968
19770086382	Re-entry data report. WTR test no. 0690	1968
19770086383	Behavior of chaff configurations in low-density hypersonic flow	1968
19770086384	Slow speed aircraft surveillance system, volume 2	1968
19770087384	Saturn V flight manual. SA-505	1968
19770087402	Statistical analysis of flight vibration and acoustic data	1968
19770087413	Apollo 6, anomaly report no. 1: AC essential load transfer	1968
19770088196	Systems estimation from variables and/or attribute parameters	1968
19770088530	Acceptance test procedure for capacitor	1968
19770089052	A sequentially computed likelihood statistic for transient signal detection	1968
19770090552	Experimental and analytical studies of radiation-only pyrolysis of model char-forming polymers	1968
19770091011	Determination of the type and quantity of solid contaminants existing in Naval helicopter fuel system components	1968
19770092204	Failure rate estimates of some nuclear and conventional power plant components	1968
19770092724	The kinetics of reaction of the by-products of ablative materials at high temperatures and the rate of heat transfer between hot surfaces and reactive gases	1968
19770092725	The kinetics of reaction of the by-products of ablative materials at high temperatures and the rate of heat transfer between hot surfaces and reactive gases	1968
19770092732	The kinetics of reaction of the by-products of ablative materials at high temperatures and the rate of heat transfer between hot surfaces and reactive gases	1968
19770092742	Laminated ferrite circuits for non-volatile electronics counters	1968
19770093169	A theoretical and experimental study of propellant combustion phenomena during rapid depressurization	1968
19770093170	A theoretical and experimental study of propellant combustion phenomena during rapid depressurization	1968
19770093171	A theoretical and experimental study of propellant combustion phenomena during rapid depressurization	1968
19770093417	Low-temperature thermionic emitters	1968
19770093526	Summary of exhaust gas ejector-diffuser research	1968
19770094011	Cryogenic thermocouple tables. Part 2: Reference materials vs thermocouple alloys	1968
19770094368	Development of coatings for columbium base alloys. Part 3: Evaluation of the V-(Cr-Ti)-Si coating for gas turbines	1968
19770094632	Research and development programs	1968
19770095198	Reinforced plastic sonar dome material investigation. Volume 4: Damping measurements	1968
19770095199	Reinforced plastic sonar dome material investigation. Volume 3: Acoustic measurements	1968
19780074143	NERVA engineering data and design concepts. Volume 1: Reactor design configuration	1968
19780074144	Experiment design for GTR-20 radiation effects test of inconel-718, 37/W410, 15/W202	1968
19780074255	Apollo spacecraft nonmetallic materials requirements	1968
19780075379	Effect of nuclear radiation on metal behavior at cryogenic temperature	1968
19780075602	ETS-1 modifications for 75k NERVA conceptual study, part 1	1968
19780075608	WANL XE-1 controls readiness review	1968
19780075957	The 75k NERVA Engine meeting	1968
19780078400	A model for the transient metabolic thermal response of man in space	1968
19780078401	Analysis of the effects of free stream gas velocity upon astronaut thermal comfort	1968
19780079310	Computation methods and implementation techniques for problems related to navigation, guidance, and control	1968
19780080221	A theory for base pressures in multi-nozzle rocket configurations	1968
19780080392	MOL data book	1968
19780080508	Resistor, molded composition	1968
19780081043	Auxiliary propulsion survey. Part 1: Electric thrusters survey	1968
19780081044	Auxiliary propulsion survey. Part 2: Survey of planned Air Force and NASA missions	1968
19780081045	Auxiliary propulsion survey. Part 3: Survey of secondary propulsion and passive attitude control systems for spacecraft	1968
19780081210	Beta A Monte Carlo computer program for Bremsstrahlung and electron transport analysis	1968
19780081354	An investigation of air-augmented rocket mixing and combustion process. Part 1: Experimental studies	1968
19780081355	An investigation of air-augmented rocket mixing and combustion process	1968
19780081357	Propulsion for advanced manned missions	1968
19780083959	Apollo 4, anomaly report no. 13: Foreign material in cabin pressure relief valve	1968
19780083960	Apollo 5 mission: Excessive control engine propellant usage	1968
19780083962	Apollo anomaly status	1968
19780083963	Apollo Anomaly Status	1968
19780083964	Apollo anomaly status	1968
19780083965	Apollo anomaly status	1968
19780083966	Apollo anomaly status	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085796	Force tests of a slotted semispan delta wing model at hypersonic Mach numbers	1968
19780086464	Study of fatigue crack initiation from flaws using fracture mechanics theory	1968
19780086563	Navy Cost Information System (NCIS) material annex	1968
19780086565	Inventory of ADP systems/applications programs: Automatic data processing management reporting system	1968
19780086566	Program, budget, accounting, and progress reporting system operations subsystem expanded and modified for OSD requirements	1968
19780087094	A Numerical Solution for the Minimum Induced Drag, and the Corresponding Loading, of Nonplanar Wings: Descriptive Manual for Computer Program 55VD	1968
19780087101	Compilation of spin data program	1968
19780087190	Investigation of an inflatable decelerator attached to a 120-deg conical entry capsule at Mach numbers from 2.55 to 4.40	1968
19780088007	Optical measurements of the sensitivity of miniature accelerometers	1968
19790070540	Possible approach to phasing for unmanned rendezvous, case 610	1968
19790071960	Thrust transient prediction and control of solid rocket engines	1968
19790071968	Fighting fires in an oxygen-rich atmosphere	1968
19790072044	An alternate apollo applications program for earth orbit	1968
19790072045	Task 28 data processing for advanced manned missions final report	1968
19790072047	Three experiments for the en route phase of a planetary flyby mission	1968
19790072050	Analytical solution to an optimum two burn deboost into parking orbit	1968
19790072051	Augmentation requirements for mission control and training computers in the mcc-h	1968
19790072053	Aap-1/aap-2 simplified mission description	1968
19790072054	Flight planning study - review of gemini flight plans	1968
19790072055	Planetary launch trajectory and optimization computer program trak-2	1968
19790072056	The common space fleet - a brief description	1968
19790072057	A rationale for priority rating msf experiments in the definition phase	1968
19790072058	Communication system design for an mm-drag probe link on manned mars flyby missions	1968
19790072059	Cm-sm/lm-atm alternate mission study	1968
19790072060	Status of mcdonnell-douglas thermal analyses of the orbital workshop	1968
19790072061	Contingency experiments for apollo	1968
19790072062	Consideration of earth applications experiments for the aap-2 mission	1968
19790072063	The common mission module - description and use	1968
19790072064	Scientific considerations of an early, decoupled atm mission at an inclination of 50 deg	1968
19790072065	Csm-lm/atm alternate missions	1968
19790072066	Drop sonde and photo sinker probes for a manned venus flyby mission	1968
19790072067	Trip report - Sixth AAP-4 unmanned rendezvous meeting at MSC, June 27, 1968	1968
19790072068	Trip report - AAP mission requirements panel meeting, MSFC, September 13, 1968	1968
19790072069	ATM alternative mission study - Impact of computer systems	1968
19790072070	Twentieth APP flight operations plan meeting, MSC, August 23, 1968	1968
19790072071	Apollo lunar surface experiments package flight support system sizing estimates	1968
19790072072	ATM alternate mission study-performance analysis	1968
19790072073	A single axis, two maneuver gravity-gradient dump procedure for AAP-ATM missions	1968
19790072074	Alternative ATM mission study	1968
19790072075	Space applications summer study, briefing 31 July and seminars 1-3 August, 1968, Woods Hole, Massachusetts, trip report	1968
19790072076	Twenty-first AAP flight operations plan meeting, MSC, October 18, 1968, trip report	1968
19790072077	Scientific evaluation of alternative ATM missions at high inclination	1968
19790072078	Meeting of the cost analysis task force, trip report	1968
19790072079	Preliminary results of an attractive Earth-Venus-Mercury mission in 1978	1968
19790072080	Manned Venus flyby meteorological balloon system	1968
19790072081	The probability of land landing after an LEV abort	1968
19790072082	Trip report - Eleventh meeting of the AAP mission requirements panel	1968
19790072083	Trip report - Seventh Meeting of the Guidance, Performance and Dynamics Subpanel	1968
19790072084	Summary description of outer planet grand tour missions	1968
19790072085	AAP mission requirements panel meeting	1968
19790072086	Experiment scheduling for the AAP-1/AAP-2 mission	1968
19790072087	Trip report - Conference with Dr. W. G. Shepherd, University of Minnesota, on Space Materials and Manufacture	1968
19790072088	Trip report - Twelfth Meeting of the AAP Mission Requirements Panel	1968
19790072089	Thoughts on LM landing requirements at science sites	1968
19790072090	C mission - Targets-of-opportunity photographic plan for the month of January 1969	1968
19790072091	Orbit selection and propellant requirements for a "Minimum Apollo Applications Program"	1968
19790072093	Revision 1 to Apollo spacecraft weight and mission performance definition	1968
19790072098	Consumables affecting extended CSM lifetime in lunar orbit	1968
19790072100	Payload capability and launch windows for AAP missions at 35 deg inclinations	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072104	Colossus on C-prime	1968
19790072105	Mission sequence plan for a multi-disciplinary earth orbital space station, a preliminary report Technical memorandum, 27 Dec. 1968	1968
19790072108	Quarterly progress report, January March 1968	1968
19790072308	A feasible planetary exploration program through 1980	1968
19790072309	A lunar landing mission to a mare ridge	1968
19790072310	Comments on LM landing at nine potential science sites	1968
19790072311	A preliminary ELM/unmanned LRV mission plan for the Appenine Front-Hadley Rille area	1968
19790072312	Low-energy 1977 triple-planet flybys with an inherent abort option	1968
19790072313	LM landing point flexibility provided by the lunar flying unit on single launch lunar missions	1968
19790072314	LM landing using steep descent trajectory	1968
19790072315	LPM landing and 14 day CSM orbital missions	1968
19790072316	Probe deployment to the planet Mars from an elliptical parking orbit	1968
19790072317	ALSEP derived contingency science. Case 340	1968
19790072319	Apollo/Saturn systems engineering mission planning Quarterly progress report, Jul. - Sep. 1968	1968
19790072347	Semi-analytic solution to an optimum, two-impulse targeting problem	1968
19790072348	Lunar flying unit trajectory and sortie analysis	1968
19790072349	An open loop crew-monitored lm descent	1968
19790072350	Feasibility of a simplified lm ascent and rendezvous scheme	1968
19790072351	As-502 entry accuracy	1968
19790072352	Lm descent guidance for a feasibility study to simplify apollo guidance	1968
19790072353	Some considerations for the atmospheric entry of a light weight manned mars landing vehicle /minimem/	1968
19790072356	Secular perturbations of a near Mars satellite	1968
19790072357	Saturn 5 performance - Effect of engine thrust increase of weight in earth orbit	1968
19790072359	Finite-thrust transfers to synchronous orbit and translunar injection	1968
19790072360	Discussion of the proposed two burn lunar orbit insertion maneuver	1968
19790072361	Center of gravity motion and initial SPS motor thrust mistrim effects on LOI and TEI maneuvers	1968
19790072362	Disposal of spent S-4B stage on lunar missions	1968
19790072363	Trajectory analysis aspects of short transearth flight times for the C' mission	1968
19790072364	On the secular term in spacecraft angular momentum	1968
19790072365	Variation in S-4B optimal second MR-shift time with orbital altitude for AAP	1968
19790072366	Pre-Tli navigation and command passes for lunar missions	1968
19790072367	Additions to the MSFC orbital lifetime program	1968
19790072371	Analysis of the first translunar midcourse correction for the Apollo C-prime mission Technical memorandum, 9 Dec. 1968	1968
19790072376	Gravity-gradient momentum dumping for a CM-SM/LM-ATM mission	1968
19790072451	Efficacy of dogleg maneuvers in improving visibility in LM descent	1968
19790072452	Initial thrust mistrim and c.g. motion effects on translunar and transearth midcourse correction maneuvers	1968
19790072488	Launch azimuths from the pacific missile range, case 720	1968
19790072489	Modifications to the bcmasp simulator for saturn 1b trajectories	1968
19790072490	Review of role of msfn station at grand canary island in apollo and aap	1968
19790072491	Rationale for a partial deployment of alsep on the first eva of a manned lunar mission	1968
19790072492	Visit to vandenbergh afb to discuss launch azimuth limits for wtr	1968
19790072493	Operational intercommunication system monitoring at KSC during Apollo 7 CDDT	1968
19790072494	Reduced support needed for lunar missions with shortened launch windows	1968
19790072495	Range safety system operations during Saturn 5 launch countdowns	1968
19790072496	ALSEP flight support systems evaluation	1968
19790072497	Safe distance for the ALSEP emplacement	1968
19790072498	Value of a two hour exposure for the solar wind composition experiment. Case 340	1968
19790072499	Ground-based flight control activities during manned space flight missions	1968
19790072500	Test integration countdown planning activities at KSC on 4-5 November 1968	1968
19790072501	Hazardous egress and evacuation working group meeting, November 13, 1968	1968
19790072502	WTR dock facilities for future launch programs	1968
19790072555	Countdown hold statistics	1968
19790072556	Analysis of operations and constraints associated with the mobile service structure /MSS/ at Launch Complex 39	1968
19790072557	LM-A thermal control system	1968
19790072558	Mars excursion module ascent propulsion stage design	1968
19790072559	Mission aspects of lunar flying unit design and operation	1968
19790072572	Appraisal of unmanned planetary program alternatives to voyager in the period 1968-1975	1968
19790072573	Lm weight status, case 310	1968
19790072575	Csm configurations to support saturn 5 workshops	1968
19790072576	Saturn 5 and spacecraft breakup problems	1968
19790072577	Launch-on-time versus launch window	1968
19790072578	Selected comments on agena and titan 3 family stages	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072579	Venus radar orbiter - geometric and doppler environment	1968
19790072580	Mission options for a space station - crew rotation and mission types	1968
19790072581	Analytical evaluation of launch strategy using past countdown hold data	1968
19790072582	Thermal implications of "end-pointing" vs. "side-pointing" for workshop b	1968
19790072583	Experiment payload for manned venus encounter mission - venus tracking and data orbiter	1968
19790072584	Side pointing vs. end pointing for workshop b	1968
19790072585	Preliminary mars excursion module shelter design	1968
19790072586	A method of navigating on and near the moon	1968
19790072587	Summary of 260-inch solid rocket launch studies June 1965 - May 1968	1968
19790072588	Guidelines for intermediate space station payloads	1968
19790072589	Operational constraints and requirements associated with a 44-hour turnaround capability for the Apollo/Saturn 5	1968
19790072590	Up-data to the CSM, LM and S-4B/1U space vehicle description and processing delays	1968
19790072591	Boeing - Saturn 5/Apollo technical integration and evaluation quarterly review	1968
19790072592	Martin presentation on analytical docking dynamics program at MSFC, August 5, 1968	1968
19790072593	Workshop cost estimates based on EOSS, MORL, and BSM costs	1968
19790072594	Space station program schedule	1968
19790072595	A Titan-3M launched space station program. Case 710	1968
19790072597	Trip report - Space station power systems workshop	1968
19790072598	Critique and extension of proposed ionless mass spectrometer experiment	1968
19790072599	AS-503/CSM 103 /Apollo 8/ launch preparations, launch countdown, and flight sequence of events	1968
19790072600	Revisions to the Saturn 5 emergency detection system	1968
19790072601	Unmanned lunar logistic systems	1968
19790072604	Earth looking subsequence /description and operation/ in a multi-disciplinary earth orbital space station	1968
19790072606	Operations and maintenance subsequence for a multi-disciplinary earth orbital space station Technical memorandum, 31 Dec. 1968	1968
19790072682	A Im rescue strategy requiring no on-board targeting	1968
19790072683	Mission D extravehicular activity	1968
19790072684	Trip report - Emergency earth orbital escape device study midterm briefing	1968
19790072685	Safety-rescue escape APO briefing	1968
19790072727	Trip report - aap experiment data handling	1968
19790072728	Lm/atm unmanned rendezvous and docking	1968
19790072729	Possible simplification of the apollo entry guidance	1968
19790072730	Simplified software for the apollo guidance computer - csm powered flight programs	1968
19790072731	Performance of the RF channel for the Apollo spacecraft up-data system	1968
19790072732	Apollo command system-ground network data flow	1968
19790072733	Visual observation of planetary probes on manned encounter missions to Mars	1968
19790072734	ATM alternative mission study, communications coverage	1968
19790072735	Inertial navigation error estimation for space missions	1968
19790072736	Interplanetary navigation - An earth based multiple-link Doppler tracking system	1968
19790072737	MSFN navigation support in earth parking orbit	1968
19790072738	Comparison of sensor performance and initial error covariance matrices for rendezvous navigation	1968
19790072744	Command problems on AS-202, AS-501, and AS-204/LM-1 missions	1968
19790072745	ATM alternate mission study	1968
19790072794	Apparent places of stars	1968
19790072808	Status of apollo abort advisory system /aas/ for as-502	1968
19790072809	Comments on design policy for the use of radiators in a meteoroid/asteroid environment for advanced manned missions	1968
19790072810	Trip report - airlock management meeting, mcdonnell-douglas corp., st. louis, missouri, jan. 9, 1968	1968
19790072811	Coupled vs. decoupled lm/atm mission concepts system configuration aspects	1968
19790072812	Simplified lm digital autopilot	1968
19790072813	S-4b attitude during transposition, docking and withdrawal on lunar missions	1968
19790072814	Proposed simplification of the csm-digital autopilots	1968
19790072815	Agc reprogramming study - utility and service programs	1968
19790072816	Structural loads induced by aap spacecraft docking dynamics	1968
19790072817	Organization of half size agc computer program	1968
19790072818	A new concept in heat shield design deployable heat shield	1968
19790072820	Relative effectiveness of several materials as radiation shields	1968
19790072821	The spacecraft thermal environment and its implications to CMM design	1968
19790072822	Spacecraft shadowing and thermal flux computer programs with sample problems	1968
19790072823	The abort capabilities of the Apollo spacecraft on the translunar trajectory	1968
19790072824	Effects of the reduction of operational altitude on the AAP payloads	1968
19790072825	Spacecraft radiation limits imposed by X-ray astronomy experiments	1968
19790072826	LM weight reduction task force	1968
19790072827	Correlation of predicted, ground test, and flight thermal behavior in Apollo	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072828	LM supercritical helium /SHe/ system Status of lunar mission requirements/ capabilities and proposed uprating	1968
19790072829	Influence of weight changes on AS-503 structural longitudinal mode shapes and frequencies	1968
19790072830	POGO bibliography	1968
19790072831	Trip report - 1973 Mars lander capsule design studies at Langley Research Center	1968
19790072832	Radiation doses for the CM-SM/LM-ATM alternate mission study	1968
19790072834	Trip report - Discussion of the multiple docking adapter thermal design at MSFC, 16 September 1968	1968
19790072835	Multiple docking adapter thermal control system	1968
19790072836	ATM preliminary design review comments and observations - General session, mechanical/thermal session, electrical session, and crew stations session	1968
19790072837	Jettisonable enclosure for unmanned AAP payloads	1968
19790072838	Elimination of capability to perform decoupled ATM mission. Case 620	1968
19790072839	Trip report - LM-A technical management meeting, July 2, 1968 at MSC - case 620	1968
19790072840	Discussion of theoretical and measured multi-laminar insulation performance data	1968
19790072841	Trip report - ECS/Thermal subpanel meeting - November 7, 1968	1968
19790072842	AS-503 S-4B LOX tank overpressurization problem	1968
19790072843	Short stack static test summary	1968
19790072844	A review of the block 2 CM/SM modifications required for AAP - case 620	1968
19790072845	Digital simulations of random crew motion disturbances	1968
19790072846	AAP thermal analysis presentation to ML, 12 November 1968	1968
19790072847	CSM attitude control for lunar orbital experiments	1968
19790072848	AAP system simplifications resulting from an unpressurized workshop	1968
19790072849	Comments to multiple docking adapter high performance insulation design	1968
19790072850	Caution and warning systems of the CM/SM and LM for AAP	1968
19790072851	Space storable stage atop the Titan 3X /1205/Centaur for grand tour missions	1968
19790072852	AAP airlock module coolant, debris collection and sonic flow limiter noise	1968
19790072856	AAP system simplifications resulting from decoupling the ATM from the cluster	1968
19790072861	Effect of coolant loop failure on performance of essential spacecraft function	1968
19790072863	Spacecraft attitude variations during the C-prime mission external delta V LOI maneuver	1968
19790072866	Airlock module/OWS integrated thermal control system	1968
19790072870	Structural considerations in CM-SM/LM-ATM backup mission	1968
19790072968	Passive stability of the local vertical /gravity-gradient/ orientation of the orbital workshop /OWS/	1968
19790072969	AAP CM-SM thermal control systems	1968
19790072970	Apollo spacecraft dynamic response to SIC thrust oscillations and corresponding capability, AS-503 and AS-504 missions	1968
19790072998	Comments on the instrumentation and communication system of the atm as proposed by msfc at the atm prr	1968
19790072999	Critical design review of ATM experiment S-054, X-ray spectrographic telescope	1968
19790073000	Review of AAP I/C panel instrumentation and communications interface control documents	1968
19790073001	Critical design review of the ATM S082A XUV coronal spectroheliograph and the S082B XUV spectrograph experiments	1968
19790073002	Vidicon technology discussions with BTL, trip report	1968
19790073003	AAP-1A - A baseline instrument package for earth sensing	1968
19790073004	Influence of sky brightness and reflected sunlight on ATM coronagraph operation	1968
19790073014	Pinpoint landing for a lunar payload module	1968
19790073017	Subsystem modification to develop quiescent operation for gemini b	1968
19790073018	Application of small nuclear rockets to manned planetary missions	1968
19790073019	Preliminary weight estimates for the isotopic brayton cycle	1968
19790073020	Benefits achieved by throttling the dps in the high-thrust, fixed throttle position to produce a predictable thrust profile	1968
19790073021	Trip report - Nuclear powered orbital workshop, MSFC, August 1, 1968	1968
19790073022	Comparison of chemical and nuclear propulsion for earth orbital maneuvering and translunar injection stages	1968
19790073023	Description of a confidential memorandum on nuclear materials research in the Nerva program	1968
19790073024	Comments on the J-2S engine impacting on the Saturn 5 program	1968
19790073025	American Nuclear Society Winter Meeting, Washington, D. C., 10-14 November 1968 Trip report	1968
19790073077	Contributions of the Apollo Materials Selection and Test Program to Future Manned Systems	1968
19790073078	Suggested test program to establish effectiveness and toxicity of cbrf3 /bromotrifluoromethane/ as a spacecraft fire extinguishing agent	1968
19790073079	Preliminary findings on flame propagation dependence on atmospheric oxygen, case 320	1968
19790073080	LM launch atmosphere alternatives, case 320	1968
19790073081	Preliminary chemical considerations of polymer combustion	1968
19790073084	Electron delocalization and aromaticity Their effect on the thermal stability of polymeric materials	1968
19790073086	The relation of in-flight loads to the s-11 cryogenic proof test	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073088	Discussion of differences in rcs propellant budgets between apollo "c" mission and aap missions 1, 3a and 3	1968
19790073089	Sterilizable liquid propulsion briefing at martin-marietta corp., denver, colorado, 7 march 1968	1968
19790073090	Trip report - Space storable propellant propulsion technology review and AIAA 4th propulsion joint specialist conference, Cleveland, Ohio, June 11-14, 1968	1968
19790073091	Determination of SM RCS propellant requirements for AAP and Apollo rendezvous	1968
19790073092	Trip report - Space storable propellant propulsion technology review and AIAA 4th propulsion Joint Specialist Conference, Cleveland, Ohio, June 11-14, 1968	1968
19790073093	The influence of CSM-103 hypergol subsystem lifetimes on C prime mission launch opportunities. Case 320	1968
19790073094	ACRE subpanel meeting /SAMSO/, 3rd quarterly review of the A/F AMPT program, tripropellant propulsion discussions, California, September 23 to 27, 1968	1968
19790073095	Briefing to OART on our activity in combustion analysis	1968
19790073103	Superinsulated cryogenic storage for AAP	1968
19790073119	Operational intercommunication system monitoring during apollo 5 frt	1968
19790073120	Performance of operational intercommunication system-audio /ois-a/ during apollo 5	1968
19790073122	Review of aap 1/c panel instrumentation and communications interface control documents, case 620	1968
19790073124	Laser applications in nasa space programs	1968
19790073125	Evaluation of the report by neotec corporation on study of erectile antenna types	1968
19790073126	Description of the apollo vhf ranging system	1968
19790073128	Additional opportunities for data from the 1969 mariner television experiment	1968
19790073129	Analysis on the operation of the fine tone tracking loop of the 1m vhf ranging transponder	1968
19790073130	Use of goldstone mars station for reception of 1m television from lunar surface	1968
19790073131	Review of KSC communications systems checkout needs	1968
19790073132	Path loss factors in lunar surface communications	1968
19790073133	Trip report - 19th AAP flight operations plan meeting MSC, July 26, 1968	1968
19790073134	Propagation characteristics of the Apollo dual-EVA communication links	1968
19790073135	Status of electromagnetic interference control in the Apollo Applications Program	1968
19790073136	Summary of a detailed study of the Apollo up-data system	1968
19790073137	Trip report - ATM preliminary design review Mission requirements/operations working group, MSFC, September 24, 1968. Case 610	1968
19790073138	Test pattern projector for the 1971 Mars orbiter television camera	1968
19790073139	Power margins for the LM-MSFN /85 ft/ communications link at lunar range	1968
19790073140	Communications coverage provided by Goldstone Mars Station for reception of LM television from lunar surface. Case 900	1968
19790073141	Verification of adequate bandwidth in the Apollo VHF ranging receiver	1968
19790073142	Maximum range for C mission television to MSFN /30/ stations	1968
19790073143	Operational intercommunication system monitoring at KSC during Apollo 7 launch	1968
19790073144	Voice communications requirements and criteria for AAP missions 1 through 4	1968
19790073145	Performance of the Apollo launch vehicle /CCS-OMNI//MSFN communication link	1968
19790073148	Apollo 7 launch phase air/ground voice contact analysis	1968
19790073252	Apollo lunar surface TV system	1968
19790073253	Analogue to digital conversion requirements in partial digital detection of coded phase coherent transmissions	1968
19790073254	Performance of error detecting coding on Nascom data circuits	1968
19790073255	Diversity performance of the wideband FSK system in a two-path/multipath channel with a planetary landing probe	1968
19790073256	A statistical analysis of a bandpass nonlinearity-phase detector cascade	1968
19790073257	The use of Intelsat satellites for direct voice communications with manned space vehicles	1968
19790073258	A simple and efficient decision criterion for operating in a pulse position modulation system when both signal and noise are Poisson distributed	1968
19790073259	Communications margins for Apollo unified S-band links with phase modulation	1968
19790073269	Analogue to digital conversion requirements in partial digital detection of coded phase coherent transmissions	1968
19790073274	Trip report - aap 1a definition design review, martin marietta corp., denver, december 13-15, 1967	1968
19790073275	Transistor failure in environmental control unit	1968
19790073276	Alsep central station thermal design	1968
19790073277	Csm electrical source/distribution bus configurations during manned block 2 flight	1968
19790073278	Atm h alpha presentation and filters review meeting at rye canon	1968
19790073279	Electrical power requirements for AAP-3A	1968
19790073280	Replacement of electromechanical components by solid state components	1968
19790073281	Use of aluminum wire on AAP as a weight saving measure	1968
19790073283	Apollo circuit breakers as ignition sources	1968
19790073301	Correlation of predicted, ground test, and flight thermal behavior in gemini	1968
19790073302	Lm thermal control system description and status	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073311	Apollo 502 color photography of earth resources	1968
19790073312	Computation of ground site visibility from orbit	1968
19790073313	Compatibility of experiment s051, sodium cloud photography, with early aap missions	1968
19790073314	Preliminary evaluation of AS-502 color photography of earth resources	1968
19790073315	A proposed 2 color photographic CSM experiment	1968
19790073316	AAP-cluster stabilization passive control moment gyros	1968
19790073317	Some comments on the utility of flares and flashers in the sodium cloud photography experiment S-051 case 630	1968
19790073318	Two color CSM photographic experiment procedures	1968
19790073354	Apollo CSM photographic planning	1968
19790073355	Selection of CM cameras for Apollo lunar photography	1968
19790073356	Lunar CSM photography working group meeting on lunar photography for the C' and F missions - case 340	1968
19790073357	Design criteria for an upper atmosphere density gage	1968
19790073360	Two gage system for upper atmosphere density measurements	1968
19790073384	Summary description of the aap apollo telescope mount	1968
19790073387	Trip report - Seventh Intersociety Reliability and Maintainability Conference	1968
19790073388	Reliability testing in the presence of a decreasing failure rate	1968
19790073394	Weight estimates of ellipsoidal and elliptical-toroidal bulkheads of a common mission module	1968
19790073395	Analysis of s-2 fracture mechanics data	1968
19790073396	AS-503 wind restrictions	1968
19790073405	Earth resources aircraft program test site coverage by expected as-502 color photography	1968
19790073406	Remote sensing session at annual geological society meeting /ne section/ february 15-17, 1968, washington, d. c.	1968
19790073407	Passive microwave sensors available for meteorology and earth resources remote sensing	1968
19790073408	Current program and considerations of the future for earth resources survey by remote sensing	1968
19790073409	Second quarterly review of "study of planetary orbital imaging sensor support requirements," contract number nas2-4494, iitri, chicago, illinois	1968
19790073410	Earth sensing on early aap missions	1968
19790073411	New ideas and new work at the fifth symposium on remote sensing of environment	1968
19790073412	Trip report - Fifth Annual AIAA Meeting, Philadelphia, Pennsylvania, 23 October 1968	1968
19790073438	Use of a battery from the extended lm to power a lunar roving vehicle	1968
19790073439	A review of water reclamation systems for aap	1968
19790073440	Aap 3-4 electrical energy sources and load requirements, case 620	1968
19790073441	Evaluation of the am/ows electrical power system using solar array modules form the atm electrical power system	1968
19790073442	Presentation on orbital assembly electrical power systems at ml review on march 28, 1968	1968
19790073443	Apollo battery problems	1968
19790073444	Nickel-cadmium secondary batteries	1968
19790073445	Performance improvement for AAP-2	1968
19790073446	Evaluation of proposal to delete one LM descent battery on the Lunar Landing Mission /LLM/	1968
19790073447	Trip report - Lightweight /roll-up/ solar array review at JPL	1968
19790073448	Lightweight /roll-up/ solar array development	1968
19790073449	Eighth AAP intercenter electrical panel meeting -MSC- 12-13 September 1968. Case 620	1968
19790073450	Orbital workshop solar array presentation	1968
19790073451	Interfaces and compatibility of AllisChalmers fuel cells and CM-SM	1968
19790073452	Apollo 7 /CSM 101/ - Preliminary analysis of fuel cell no. 2, high condenser temperature anomaly	1968
19790073453	Minimum Apollo applications program	1968
19790073490	Bioscience subsequence in a multi-disciplinary space station	1968
19790073495	Symposium on physiology and pathology of sleep, los angeles, california, may 22-23, 1968 trip report	1968
19790073496	An evaluation of the concept of crew member radiation standards	1968
19790073497	Rapid determination of radiation dose in low altitude orbits	1968
19790073498	Initiation sequence for high-priority medical experiments during the AAP-1/AAP-2 mission	1968
19790073501	Biomedicine subsequence in a multidisciplinary earth orbital space station	1968
19790073502	Review of experiment implementation plan for experiment M132, neurological experiment, EEG	1968
19790073503	Review of experiment implementation plan for experiment M132, neurological experiment EEG, case 610	1968
19790073525	Review of experiment t-013, crew/vehicle disturbance	1968
19790073526	Examination of the efficiencies possible in the aap medical experiment program, case 630	1968
19790073527	Crew/suit configurations with a 60-40 o2-n2 cm cabin atmosphere, case 320	1968
19790073528	A semi-automatic procedure for controlling cm cabin atmosphere enrichment	1968
19790073529	Control of cabin atmospheric contamination in the aap cluster	1968
19790073530	The tektite project behavior program	1968
19790073531	Orbital workshop environmental control system	1968
19790073533	Thermal considerations of the perpendicular-to-orbit-plane and gravity-gradient orientations for the aap 1-2 orbital workshop	1968
19790073534	Environmental control in aap spacecraft	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073536	To "G" or not to "G"	1968
19790073537	Requirement for an oxygen accumulator on AAP-2. Case 620	1968
19790073538	On the mode of spacecraft operation of long duration manned missions	1968
19790073539	Apollo consumables report - LM quick look capability	1968
19790073540	Redundant molecular sieve configuration for carbon dioxide removal on AAP-2	1968
19790073542	AAP orbital assembly environmental control briefing	1968
19790073543	SLA egress hazards and provisions	1968
19790073544	Manned space flight systems - Classification of hazards and safety measures	1968
19790073545	Review of EVA/IVA life support equipment for AAP-ML action item 478	1968
19790073546	Description of molecular sieve carbon dioxide removal systems	1968
19790073548	Personal maintenance subsequence for a multi-disciplinary earth orbital space station	1968
19790073551	The role of man on a multi-disciplinary space station	1968
19790073618	Common missile module - Parametric sizing study	1968
19790073620	On the question of artificial gravity	1968
19790073621	Ammonia-water atmosphere storage	1968
19790073627	Digital interpolation and magnification of pictures	1968
19790073628	On the reliability of computer operations	1968
19790073629	Selection of a digital computer to support ATM functions	1968
19790073630	ATM digital computer functions and backup capability	1968
19790073631	Future spaceborne mass memories	1968
19790073632	Spectrum analysis of Apollo 4 and Apollo 6 data	1968
19790073633	Decreasing failure rates and some related statistical tests	1968
19790073648	Triplicated interface element for triply redundant modules in digital devices	1968
19790073649	Aap experiments data handling study, case 620	1968
19790073664	Feasibility study for simplified Apollo guidance	1968
19790073673	A comparison of alternate approaches to routing ALSEP data between GSFC and MSC	1968
19790073674	A birth-death process associated with a redundant repairable system	1968
19790073675	On finding the eigenvalues and eigenvectors of a tridiagonal matrix arising in a reliability study	1968
19790073679	A simple method for approximating quantiles of the random variable $x^2 + y^2 + z^2$	1968
19790073682	The simulation of a stationary Gaussian stochastic process with rational spectral density	1968
19790073689	Preliminary shielding considerations for the isotopic brayton cycle	1968
19790073704	Engineering aspects of the segmented optics telescope concept. Case 620	1968
19790073705	Influence of atmospheric absorption of solar ultraviolet radiation on ATM operation	1968
19790073711	Star sighting problems due to light scatter from RCS plume residue on Apollo spacecraft optics - case 310	1968
19790073716	Manned space flight experiments program Final report	1968
19790073717	Distribution of the final report of the Apollo guidance software task force	1968
19790073719	Trip report - Comparative review of Apollo program specification and contractors technical specifications at MSC, Houston, Texas, 1 October 1968	1968
19790073720	Introduction to a study of operations on a multi-disciplinary space station	1968
19790073722	FY 1970 program planning activities	1968
19790073761	The pointing accuracy attainable with orbiting gimbal-mounted telescopes	1968
19790073762	Optical astronomy on a manned planetary flyby mission	1968
19790073763	The boyd-boksenberg image storage system	1968
19790073764	A review of the optical environment problem for the atm-a mission	1968
19790073765	Solar viewing capability and csm/lm-atm requirements for 28.5 deg and 50 deg orbits	1968
19790073766	Relative advantage of 50 and 28-1/2 orbital missions to atm solar astronomy	1968
19790073767	ATM experiments - Time requirements	1968
19790073768	Astronomy missions board meetings	1968
19790073769	Comparison of MIT 9th degree polynomial for calculating the position of moon with the JPL tapes	1968
19790073772	Astronomy subsequence in a multi-disciplinary earth orbital space station	1968
19790073782	Review of the lighting and visual conditions on the lunar surface for the early Apollo landing missions	1968
19790073792	On the interaction of the solar wind with planetary bodies	1968
19790073793	An analysis of orbital resonance for the determination of lunar gravitational harmonic coefficients	1968
19790073794	An investigation of the factors affecting planetary radio visibility functions	1968
19790073800	Determination of scale for the topographic models of an apollo landing area for the lm descent simulation	1968
19790073801	A survey of possible experiments for a mars entry probe - i, mass spectrometer	1968
19790073802	Lunar gravitational potential functions	1968
19790073803	Analysis of equipotential surfaces generated from lunar gravitational potential models	1968
19790073804	The location by satellite of meteorological balloons in the atmosphere of Venus	1968
19790073805	Bellcomm/LRC limited lunar potential field determination for Apollo	1968
19790073880	Astronaut visibility of features from the lunar surface	1968
19790073881	A proposed plan for geologic exploration on the second Apollo landing mission	1968
19790073882	Minutes of the /GLEP/ site selection subgroup meeting of June 19, 1968	1968
19790073883	A review of interpretations of the Mariner V-Venera 4 discrepancy on the Venus neutral atmosphere	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073884	Simulation of Surveyor strain gage data	1968
19790073885	Reduction in lunar surface visibility due to glare during a landing into the sun	1968
19790073886	GLEP site selection subgroup third meeting, November, 1968	1968
19790073890	Thoughts on LM landing requirements at science sites	1968
19790073932	Trapped radiation doses	1968
19790074297	Solar cell performance at Jupiter temperature and solar intensity	1968
19790075180	Trip report: Second meeting of AAP flight limits and range safety subpanel	1968
19790075242	Countdown planning activities at KSC on November 18, 1968	1968
19790075243	Real time flight support for a contingency science mission using a modified ALSEP	1968
19790075285	Comments on experiment implementation plan for M427 strapdown inertial system	1968
19790075290	Trip report: Third ICRPG/AIAA solid propulsion conference	1968
19790075324	Comments on experiment implementation plan for experiment M479, zero gravity flammability	1968
19790075433	Comments on experiment implementation plan for experiment M489, wicking evaporative heat sinks	1968
19790075444	Critical design review of experiment S-052, white light coronagraph	1968
19790075649	Review of experiment implementation plan for experiment M151: Time and motion study	1968
19790075684	Trip report: Nuclear powered orbital workshop, midterm briefing at MSFC, December 11, 1968	1968
19790075722	LC-34 and LC-37 deactivation	1968
19790075723	Trip Report: Discussion of experiment scheduling for the AAP-1/AAP-2 mission, MSC, October 31, 1968	1968
19790075724	Trip report: Thirty-fourth National Meeting of the Operations Research Society of America	1968
19790075729	Trip report: Eighteenth AAP Flight Operations Plan (FOP) meeting, MSC 21 June 1968	1968
19790075730	Review of opposed ADP planning system with Colonel M. E. White, Director, MSF management operations	1968
19790075732	Trip report: Final meeting of the ad hoc committee on the ATM Pointing Control System (PCS), MSC on June 11, 1968	1968
19790075733	Trip report: Eighth meeting of the AAP mission requirements panel	1968
19790075734	An example of planning for and control of ADP resources	1968
19790075736	Experiment interface meeting for D021 expandable airlock and D022 expandable structures	1968
19790075754	MSF ADF planning	1968
19790075755	Trip report: Spacecraft 103 mockup review/cre compartment stowage review (CCSR) at NR and visit to Weber Aircraft Corporation, 13-15 March 1968	1968
19790076800	Lunar orbit rendezvous reference trajectory data package. analysis of apollo orbit determination accuracy with random errors in ground based radar and onboard optical observations. volume 4 - the lunar parking orbit	1968
19790077022	An experimental investigation of the aerodynamic force characteristics of a jet issuing transverse to a wedge. Appendix B Final report	1968
19790077370	Atmospheric drag probes: Injection and midcourse operations	1968
19790077600	Civil aviation research and development: An assessment of Federal government involvement	1968
19790077906	Thermionic Material and Fabrication Development	1968
19790077908	Thermionic Reactor Power Plant Design Study	1968
19790078323	Description of the Tactical Effectiveness Simulation Program	1968
19790079977	Sidewinder Arcas performance characteristics	1968
19790081208	Research quarterly progress report, July - September 1967 (U)	1968
19790082184	Tensile fatigue strength of brittle materials	1968
19790087132	High frequency acceleration data report, LCF Twang test - Wing 6 /U/ Final report	1968
19790087149	Lethal radii associated with electronic damage from neutron irradiation during boost /U/	1968
19790087182	Re-entry data report - WSMR test Athena 68 /17 March 1967/ /U/	1968
19790087196	Cm-244 and Pu-238 criticality analysis /U/	1968
19790087197	Isotopic power and heat sources. Part 2 Cm-244, Pu-238, Po-210, and Tm-170 /U/ Quarterly progress report, Oct. - Dec. 1967	1968
19790087198	Development of a nuclear thermionic fuel element /U/ Periodic progress report, 1 Mar. - 30 Jun. 1968	1968
19790087199	Corrosion Testing of Cobalt-Base Alloys /U/ Dec. 1968	1968
19790087244	Instrument unit applications for Saturn 1 Workshop. Volume 3: Workshop attitude control system	1968
19790087259	Instrument unit applications for Saturn 1 Workshop. Volume 4: Integration of the WACS into the IU	1968
19790087260	Instrument unit applications for Saturn 1 Workshop. Volume 1: Summary	1968
19790087697	The 3.6 deg K closed-cycle turborefrigerator	1968
19790087869	Decoding of telemetry functions dealing with the RF experiment for Athena 075 /I03/ /U/	1968
19790088089	Many-body approach in photoionization problems	1968
19800070329	Theoretical and experimental investigation of a three-dimensional magnetic-suspension balance for dynamic stability research in wind tunnels	1968
19800071707	Estimation of errors in processing of Alouette 1 records	1968
19800074520	Apollo 6 mission report	1968
19800074521	Apollo 5 mission report	1968
19800077559	Summary record of the 27th Meeting of the Structures and Materials Panel	1968
19800080548	Development of a corrosion-protection system deep-submergence electric motors	1968
19810066641	Computer program for the prediction of rotation noise due to fluctuating loading on rotor blades	1968
19810070121	Meeting On Aircraft Response To Turbulence	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810071480	Investigation of the formation and behavior of clogging material in earth and space storable propellants	1968
19810080589	Reentry measurements program-phase B (RMP-B) flight test trajectory no. R-9 mission sky 110, volume 1 (U)	1968
19820065429	Report to the Congress from the President of the United States: United States aeronautics and space activities, 1968	1968
19820066910	Study of in situ degradation of thermal control surfaces	1968
19820066911	Study of in situ degradation of thermal control surfaces	1968
19820070911	Interfacing digital compensators into the PIGA control loop	1968
19820071201	Special-purpose computer realization of a third-order digital filter for the PIGA control loop	1968
19820071202	A special-purpose computer realization of a time-shared digital filter	1968
19820078441	Aide (Aircraft Identification Evaluation) program, phase 2	1968
19820079172	Minuteman flight test report. FTM 2457 Olympic Trials (23 December 1967): LGM-30F special test launch no. 5, wing 6 WS-133B (U)	1968
19830075794	Research and development on superconducting films	1968
19830075914	Flat Conductor Cable Technology Seminar	1968
19830079913	Research on microstructural instability of nickel-base superalloys	1968
19830084543	A generalized selection technique for high subsonic nacelle forebodies	1968
19840068176	Civil aviation research and development. An assessment of federal government involvement. Aircraft operations	1968
19840072021	Prototype spacecraft fire extinguisher evaluation	1968
19840072485	Rotating and displacement pumps for low thrusting rocket engines	1968
19840072488	Rotating and positive displacement pumps for low thrust rocket engines	1968
19840072489	Rotating and positive displacement pumps for low thrust rocket engines	1968
19850077031	Apollo mission AS-207! preliminary aircraft trajectory, volume 2. Book 2: Trajectory listing and printout key	1968
19850077143	Physical chemistry: Electron paramagnetic resonance and conductivity of a black of electrolytic oxypyrrrole	1968
19860070953	Hypersonic research engine project. Phase 2A: Boilerplate engine development	1968
19870067416	Electron and Photon Transport Programs. 1: Introduction and Notes on Program DATAPAC 4	1968
19870067417	Electron and Photon Transport Programs. 2: Notes on Program ETRAN 15	1968
19870067512	An experimental study of pulsating flow of incompressible viscous fluids in rigid pipes in the intermediate damping range	1968
19870069836	Method for calculating roll effectiveness and roll damping derivatives for a wing-body-tail type missile configuration	1968
19880069262	The research and development engineer as a manager: An analysis of the management development needs of engineers at the NASA Manned Spacecraft Center	1968
19880073301	Hypersonic research engine project. Phase 2A: Nozzle program	1968
19890067664	Computer Program for Turbulent Boundary Layers on Nonadiabatic Two-Dimensional or Axisymmetric Bodies with Prescribed Pressure Distributions	1968
19890068043	Investigation of stress corrosion cracking of titanium alloys	1968
19890068105	Investigation of stress corrosion cracking of titanium alloys	1968
19900066482	Saturn 5 launch vehicle flight evaluation report: AS-501 Apollo 4 mission	1968
19900066483	Results of the fourth Saturn 1B launch vehicle test flight AS-204	1968
19900066484	Saturn 5 launch vehicle flight evaluation report: AS-502 Apollo 6 mission	1968
19900066706	Project management authority: Some preliminary insights	1968
19900066711	Technological information transfer and dissemination leading to commercialization at the level of the firm. (The Corning Glass Works: The Corning Ware Case)	1968
19900066716	Search, transfer and dissemination of technological information in the Semi-Conductor Product Department of the General Electric Company	1968
19900066957	Nuclear astrophysics	1968
19900067412	Hands-free precision control for EVA (Extra Vehicular Activity)	1968
19900069889	AN/TMQ-23 meteorological measuring set	1968
19900070215	A study to determine the weight and performance characteristics of variable geometry spacecraft. Volume 4: Final configurations, thermostructural design, sub-systems, and weights	1968
19910072607	Index to NASA news releases and speeches: 1967 supplement	1968
19910072646	High energy K conversion coefficients	1968
19910072852	Nonthermal phenomena of astrophysics and their relation to plasma physics	1968
19910073480	Hypersonic research engine project. Phase 2A: Second oral review. Technical presentation	1968
19920075302	Saturn AS-205/CSM-101 postflight trajectory, part 4	1968
19920075311	Apollo/Saturn 5 postflight trajectory: AS-502	1968
19920075739	Flight experience with shock impingement and interference heating on the X-15-2 research airplane	1968
19930074308	Preliminary Data from Studies of Fire Retardant Materials	1968
19930078729	A study of the effects of uncertainties on the performance of thermal protection systems for vehicles entering the Earth's atmosphere at hyperbolic speeds	1968
19940003557	Launch pad to the moon: Construction bidding cost of Launch Complex 39, part 1	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19940004920	Further studies of the coupled chemically reacting boundary layer and charring ablator. Part 2: An evaluation of ablation mechanisms for the Apollo heat shield material	1968
19960024740	Perfluoroalkylenetriazine Elastomeric Polymers	1968
19960025689	The Application of Non-Stick Finishes to Aluminum	1968
19960026838	General Methods of Application of Organic Finishes to Aluminum	1968
19960028914	Regional Technical Conference on the Promise of Thermosets	1968
19980223972	Aerodynamic Characteristics of a Target Drone Vehicle at Mach Numbers from 1.57 to 2.10	1968
19990079288	Minimum Weight Design of Box Beams and Stiffened Cylinders	1968
20020022429	Performance and Endurance Test of Code E-314 Gasoline Engine	1968
20020022595	Performance and Endurance Test of Code E-317 Engine	1968
20020028878	Comparison Test of Performance, Endurance, Wear & Deposit Characteristics of Code E-241A Engine	1968
20020083117	Manufacturing Methods for Form Rolling Complex Shapes of High Strength Titanium Alloys	1968
20020083118	Surface Integrity of Machined Structural Components	1968
20020083119	Development of a "Filled Billet" Extrusion Process for Production of Tapered Titanium Structural Members	1968
20020083126	Development and Demonstration of Manufacturing Techniques for Joining Bimetal Shafts	1968
20020083132	The Effects of Point Defects and Dislocations on the Stress-Corrosion Susceptibility of Aluminum Alloys	1968
20020084388	Portable Moving Electron Beam Welding System	1968
20020084390	Development of Convex Face Draw Die	1968
20020084391	Electron Beam Welding of Thick Sections	1968
20020084392	High Pressure Extrusion Development	1968
20020084393	Form Rolling Structural Shaped Tubing	1968
20020084394	Development of a Manufacturing Process for Producing High-Quality Electrical Strip from Ultrahigh-Purity aluminum for Magnet Applications	1968
20020084408	Development of Die Materials for Hot Extrusion of Steel and Refractory Metals	1968
20020084409	Development of Back-Tension Drawing Process	1968
20020084416	Development of Columbium Alloy Combinations for Gas Turbine Blade Applications	1968
20020084417	Fracture of Metals During Deformation Processing Under Conditions of Hot Working	1968
20020084418	Large Chamber Electron Beam Welding	1968
20020084437	Structural Damage in Metal-Forming Processes	1968
20020084864	Development of Cutter Geometry Based on Material Properties	1968
20020084865	Manufacture of Jet Engine Thrust Bearing by Ausforming	1968
20020084866	Process Development for Improved High-Strength Superalloy Sheet	1968
20020084867	Development of Improved Cutting Tool Materials	1968
20020084894	Development of a Manufacturing Process for the Electroslag Melting and Casting of Materials	1968
20020084898	Effect of Processing and Fabrication on Axial Loading Fatigue Behavior of Titanium	1968
20020084913	Elimination of Low-Density Inclusions in Titanium Alloy Ingots	1968
20020084914	Analysis of Thermal Stresses and Metal Movement During Welding	1968
20020085002	Closed Die Aluminum Forgings with Improved Stress Corrosion Properties	1968
20020085005	Research on Modified Silicon Carbide Filaments for High-Temperature Applications	1968
20020085021	Production of Extruding, Drawing, and Heat Treating Processes for Thin steel Extrusions	1968
20020085040	Fabrication and Analysis of Spherical and Paraboloidal Dies	1968
20020085069	Ductile-Brittle Behavior of Beryllium	1968
20050201557	Technical Munitions Safety Study (TMSS). Safety Study Report of the Destructor M117D	1968
20050229363	INTELSAT-III F-2 Post-Launch Report No. 1-4	1968
20050229377	Pre-Launch Mission Operation Report: Applications Technology Satellite-D (ATS-D)	1968
20050229827	ATS-IV Post Launch Report No. 2	1968
20050229978	Pioneer D Flight Mission	1968
20050230730	Applications Technology Satellite D (ATS-D) Post Launch Report No. 1	1968
20050230733	INTELSAT-III F-2 Post-Launch Report No. 4	1968
20050234551	Orbiting Geophysical Observatory (OGO) Project	1968
20050234596	Orbiting Astronomical Observatory (OAO-A2)	1968
20050236375	Air Density/Injun V Explorers	1968
20050236389	European Space Research Organization (ESRO) II-B Project Pre-launch Mission Operation Report (MOR)	1968
20050236398	ESRO I Project Pre-Launch Mission Operation Report	1968
20050236403	HEOS-A Flight Mission	1968
20050236405	Naval Research Laboratory (NRL) Solar Explorer-B	1968
20050236406	HEOS-A Post-Launch Report No. 1	1968
20050236516	Orbiting Solar Observatory (OSO-F)	1968
20050240837	Radio Astronomy Explorer (RAE) Project	1968
20050240842	Apollo 8 (AS.503) Mission	1968
20060021956	A Minimization Method for the Solution of the Eigenproblem Arising in Structural Dynamics	1968
20060046768	Evaluation and Improvement of Coatings for Columbium Alloys Gas Turbine Engine Components	1968
20060046932	Analytical and Experimental Investigation of Aircraft Arresting-Gear Purchase Cable	1968
20060047551	Static and Dynamic Finite Element Analysis of Sandwich Structures	1968
20060047622	Application of the Created Response Surface Technique to Structural Optimization	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20060047705	Accuracy and Convergence of Finite Element Approximations	1968
20060051490	Index to NASA Tech Briefs, January - June 1968	1968
20060053161	Analytical and Experimental Investigation of Aircraft Arresting Gear Purchase Cable	1968
20070014478	Space Flight Handbooks	1968
20070014479	Space Flight Handbooks	1968
20070014485	Space Flight Handbooks	1968
20070029283	Propellant Selection for Spacecraft Propulsion Systems	1968
20070030133	Microstructural Variations in Welded Austenitic Stainless Steel Caused by Heating at 1350 Degrees Fahrenheit	1968
20070030185	Jet-Shock Interactions	1968
20070030203	Nonequilibrium Gasdynamics	1968
20070030204	Ternary FeB-and CrB- Type Phases with Y, La and some Rare Earths	1968
20070030929	Double Perturbation Theory Applied to London Dispersion Interactions. I.	1968
20070031018	Some Classes of Semi-Groups of Nonlinear Transformations and their Generators	1968
20070031021	Research on the Dynamic Response of Plates	1968
20070031022	On Steffensen's Method	1968
20070031023	A Study of Sensitization in Types 301 and 304L Stainless Steels using Mossbauer Spectroscopy	1968
20070031024	Guidance System Operations Plan for Manned CM Earth Orbital or Lunar Missions Using Program Colossus 1 (Rev. 237) - Section 1 Pre-launch (Rev.1)	1968
20070031108	Guidance System Operations Plan for Manned CM Earth Orbital and Lunar Missions Using Program Colossus I (Rev. 237) and Program Colossus IA (Rev. 249)	1968
20070032896	Guidance System Operations Plan for Manned LM Earth Orbital Missions Using Program Sundance Section 4 PGNCS Operational Modes	1968
20070034045	Guidance System Operations Plan for Manned LM Earth Orbital Missions Using Program Sundance Section 4 PGNCS Operational Modes	1968
20080002319	Bellcomm, Inc. Quarterly Progress Report: July, August, September 1968	1968
20080002324	Bellcomm, Inc. Quarterly Progress Report: April, May, June 1968	1968
20080002332	Bellcomm, Inc. Quarterly Progress Report: January, February, March 1968	1968
20080002342	Bellcomm, Inc. Quarterly Progress Report: October, November, December 1967	1968
20080015670	Guidance System Operations Plan for Manned LM Earth Orbital and Lunar Missions Using Program Luminary 1 (Rev. 69)	1968
20080034434	America in Space: The First Decade - Man in Space [Volume VII]	1968
20080034435	The Management of Major NASA Programs: Manned Space Flight	1968
20080037297	Spin-Tunnel Investigation of a 1/30-Scale Model of the Fighter and Reconnaissance Versions of the McDonnell F-4B Airplane	1968
20080042296	Potential Applications of Satellite Geodetic Techniques to Geosciences	1968
20080042394	Hand Tools: A Compilation	1968
20080042395	Machine Tools and Fixtures: A Compilation	1968
20080042396	Mathematical Computer Programs: A Compilation	1968
20080042397	Metallography and Metals Testing Techniques: A Compilation	1968
20080042982	Insulation Tools and Techniques: A Compilation	1968
20080042984	Selected Photographic Techniques: A Compilation	1968
20080042985	Electronic Circuits: A Compilation	1968
20080042987	Machine Tools and Fixtures: A Compilation	1968
20080042988	Machine Shop Measurement Technology: A Compilation	1968
20080042990	Metal Fabrication: A Compilation	1968
20080042991	Heat Transfer and Fluid Flow: A Compilation	1968
20080043829	Electrical Hand Tools and Fixtures: A Compilation	1968
20080044055	Electrical Hand Tools and Techniques: A Compilation	1968
20080044056	Tools, Fixtures, and Test Equipment for Flat Conductor Cables: A Compilation of NASA Tech Briefs	1968
20080044057	Synthesis of Fluorinated Hydrocarbons: A Compilation	1968
20080044673	Hand Tools: A Compilation	1968
20080044674	Fasteners and Fastening Techniques: A Compilation	1968
20090004199	Electronic Circuits: A Compilation	1968
20090004404	Apollo Block II: Increased Capability Earth Landing System	1968
20090006762	Publications of the Jet Propulsion Laboratory: July 1967 through June 1968	1968
20090010004	Summary of Center-of-Gravity Accelerations Experienced by Commercial Transport Airplanes during Taxiing, Takeoff, and Landing	1968
20090010310	Proposed Minimum Cost Space Launch Vehicle System	1968
20090010416	Measurement of Droplet Sizes in Liquid Jets Atomized in Low-Density Supersonic Streams	1968
20090010526	Measurement of Gaseous and Heterogeneous Ionization Decay Rate in Nitric Oxide-Seeded Low-Pressure Flames	1968
20090011178	Apollo Program: Weight and Performance Summary, August 1968	1968
20090011179	Apollo Program: Weight and Performance Summary, July 1968	1968
20090011182	Apollo Program: Quarterly Weight and Performance Report, April 1968 through June 1968	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20090012405	Apollo Guidance and Navigation: Guidance System Operations Plan for Manned CM Earth Orbital Missions using Program Sundisk	1968
20090013283	Experimental Investigation of Interface Motion Prediction by use of Mechanical Impedance Concepts - Steady State Sinusoidal Forces	1968
20090013380	Compressive Properties and Column Efficiency of Metals Reinforced on the Surface with Bonded Filaments	1968
20090014015	A Wind-Tunnel Investigation of the Application of the NASA Integral Supercritical Airfoil to a Variable-Wing-Sweep Fighter Airplane	1968
20090017308	Apollo Operations Handbook: Command and Service Modules	1968
20090025342	Guidance System Operations Plan for Manned CM Earth Orbital and Lunar Mission using Program COLOSSUS 1 (rev. 237). Section 4 - GNCS Operational Modes (Rev. 5)	1968
20090026301	Determination of Stability Derivatives from Flight Data	1968
20090029962	Study to Improve the Stability of Beryllium as an Optical Reflecting Element	1968
20090029963	Joining Refractory/Austenitic Bimetal Tubing	1968
20090029981	Study of Advanced Air Breathing Launch Vehicles With Cruise Capability	1968
20100008452	Weight and Performance Summary	1968
20100015622	Two Dimensional Stellar Collisions	1968
20100042299	Apollo 4 Mission Report. Reentry Postflight Trajectory Reconstruction and Guidance Evaluation for AS-501 (CSM-017)	1968
20110008304	One-Year Study to Improve Methods of Processing Scatterometer Data	1968
20110008627	Delta Qualification Vibration Test Report for the Apollo High Gain Antenna System Control Unit	1968
20110020467	Apollo 5 Mission (SA-204/LM-1)	1968
20110020468	Apollo 5 Mission (SA-204/M-1) Post Launch Report No. 2	1968
20110020469	Apollo 6 Mission (AS-502)	1968
20110020470	Apollo 6 Mission (AS-502) Post Launch Report No. 1	1968
20110020472	Apollo 7 Mission (AS-205)	1968
20110020474	Apollo 8 Mission (AS-503)	1968
20110020565	Apollo 7 Mission (AS-205), Post Launch Report No. 1	1968
20110020568	Apollo 6 Mission (AS-502) Post Launch Report No. 2	1968
20110020713	TIROS Operational Satellite (TOS-E): Pre-Launch	1968
20110020715	TIROS Operational Satellite (TOS-E): Pre-Launch	1968
20110020716	TOS-E/ESSA-VII Post Launch Report No. 1	1968
20110020717	TIROS Operational Satellite (TOS-F): Pre-Launch	1968
20110020719	TIROS Operational Satellite (TOS-F)	1968
20110020723	Nimbus B Mission Post Launch Report No. 1	1968
20110020744	Nimbus B Meteorological Satellite Project: Pre-Launch	1968
20110022365	TRW LM Descent Engine Serial No. 1015 R-1	1968
20110022368	TRW LM Descent Engine Serial No. 1038	1968
20120016410	Deleted record	1968
20130001870	Models of Mars Atmosphere (1967)	1968
20130009750	Launch Complex 39 Facilities	1968
20130014026	Explosives Safety Handbook	1968
20130014050	An Experiment to Examine the Effect of Porous Trailing Edges on the Sound Generated by Blades in an Airflow	1968
20130014186	Maintenance Plan Rocket Engine Model J-2	1968
20130014198	Cardiovascular Adaptation During Long-Term Weightlessness	1968
20130014209	Apollo/Saturn 1B Flight Crew Emergency Egress Test Procedure LC-34	1968
20130014417	Quality Program Plan: Saturn S-4B System	1968
20130014686	Applying NASA Technology to Air Pollution: The Sulfur Dioxide Problem	1968
20130014692	Electron Microprobe Analyses of Powders Darkened by Simulated Solar-Wind Irradiation	1968
20150009376	The Relationships of Different Indices of Water Content in Dry Heat Microbial Destruction Systems	1968
20150009379	Quarterly Status Report from 1 February to 1 May 1968	1968
20150009551	USSR and U.S. Bioscience	1968
20150009552	Research and Development in Environmental Microbiology	1968
20150009558	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures	1968
20150009728	Sandia Laboratories Quarterly Report: Planetary Quarantine Program	1968
20150009730	Recent Developments in Planetary Quarantine	1968
20150009907	Sterile Insertion and Transfer Techniques	1968
20150010016	Services Provided in Support of the Planetary Quarantine Requirements	1968
20150010020	Environmental Microbiology as Related to Planetary Quarantine	1968
20150010024	Concerning Reversible Denaturation of RNA and Memory	1968
20150010032	Soil Toxicity in Antarctic Dry Valleys	1968
20150010034	Soil Microbial and Ecological Studies in Southern Victoria Land	1968
20150010040	Ability of Microorganisms to Establish Ecological Niches in Different Soils and Environments	1968
20150010042	Improved Method for Pouring Rodac Plates	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150010048	Biological Losses and the Quarantine Policy for Mars	1968
20150010052	Planetary Quarantine and Space Vehicle Sterilization	1968
20150010054	A Multi-Stage Decision Model for Mission Noncontamination Requirements	1968
20150010062	Probability of Growth (PG) of Viable Microorganisms in Martian Environments	1968
20150010064	Class 100 Clean Room Program Preparation and Initial Operations	1968
20150010075	Status Review of Technology Developments for Spacecraft Sterilization Volume II - Sterilizability Status Sheets	1968
20150010080	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures	1968
20150010082	Report of the Heat Block Experimental Run Number 1	1968
20150010087	Short Course on Basic Environmental Microbiology	1968
20150010263	Biological Handbook for Engineers	1968
20150010265	Services Provided in Support of the Planetary Quarantine Requirements of the National Aeronautics and Space Administration	1968
20150010277	Procedures Manual for Planetary Spacecraft to be Sterilized by Heating	1968
20150010283	JPL Planetary Quarantine Program: Status Review	1968
20150010439	Evaluation of a NASA Biological Isolation Garment After Chemical Impregnation	1968
20150010440	Sterilizable High-Performance Accelerometer	1968
20150010441	Sterilizable High-Performance Accelerometer	1968
20150010450	Problems Associated with the Recovery of Bacterial Spores from Space Hardware	1968
20150010480	A Biohazard Hood to Protect Product and Personnel	1968
20150010481	Biostatistics and Space Exploration: Microbiology and Sterilization	1968
20150010484	[Inactivation of B. Stearothermophilus Bacterial Spores]	1968
20150010505	Viable Microorganisms in an Urban Atmosphere	1968
20150010527	Microbial Resistance to Ethylene Oxide	1968
20150010528	Bibliography of Germfree Research	1968
20150010530	Fourth Monthly Status Report for the Period 23 July 1968 - 23 August 1968	1968
20150010531	NASA Standard Procedures for The Microbiological Examination of Space Hardware	1968
20150010533	Cost of Sterilization	1968
20150010534	Quarterly Status Report from 1 August 1968 to 1 November 1968	1968
20150010560	Laminar Flow for the Neurosurgical Operating Room	1968
20150010569	Space Science 1967: Spacecraft Sterilization and Planetary Quarantine	1968
20150010572	Status Report on D, z and A(sub w) Value Investigations	1968
20150010579	Biological Handbook for Engineers	1968
20150010597	Microbiological Studies Conducted in a Vertical Laminar Airflow Surgery	1968
20150010600	Surface Sampling with an Agar Spray Technique	1968
20150010602	Continuing Studies: Sterilization Math Modeling Techniques Applied to Planetary Quarantine Problems	1968
20150010614	Status Review of Technology Developments for Spacecraft Sterilization	1968
20150010623	Microbiological Studies on Planetary Quarantine	1968
20150010625	Monitoring of Sterile Areas	1968
20150010626	Use of Laminar Flow for Environmental Control	1968
20150010628	Dry Heat Resistance of Spores of Bacillus Subtilis Var. Niger on Kapton and Teflon Film at High Temperatures	1968
20150010639	Studies of Methods for the Prevention of Microbial Contamination of Clean Rooms at Cape Kennedy	1968
20150010662	Probability of Biological Contamination of Mars	1968
20150010663	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures	1968
20150010677	IBM's Mobile Clean Rooms	1968
20150011919	The Ignition of Hydrocarbon Fuel Droplets in Air	1968
20150012591	Preferred Parts Guidelines for Apollo Applications Program	1968
20150013066	ATS Technical Data Report	1968
20150013126	Infrared Spectra of Molecules and Materials of Astrophysical Interest	1968
20150013720	Fluid Dynamic Considerations in the Design of Slinger Seals	1968
20150013766	A Study of Thin-Film Penetration by Micrometeoroids on Gemini 9 and 12	1968
20150014354	Launch Vehicle Test Catalog Saturn V Apollo/Saturn 502 Section 3 of 3 Sections: Standby Procedures	1968
20150014418	Saturn V AS-503 D Launch Vehicle Flight System Dispersion Analysis - Final	1968
20150015886	Report on New Technology of Silicon-Nitrogen Compounds	1968
20150016054	Adaptive Attitude Control Computer for Spacecraft Stabilization	1968
20150018466	Introductory Remarks on the Development of Fire Protective Systems	1968
20150018500	The Development of Structural Adhesive Systems Suitable for Use with Liquid Oxygen	1968
20150018624	Development of Polyurethane as Thermal Protection Systems for Controlling Fuel Fires in Aircraft Structures	1968
20150018806	Fixed Extinguishing Systems-An Overview	1968
20150019307	Second Year Final Report for Research and Development Study on DC to DC Converter Engineered Magnetics Model EMCR131A	1968
20150021218	The Use of a Salt of p-Nitroaniline as a Component for Intumescent Coatings	1968
20150021221	Quantitative Guidance for Material Control to Minimize Fire Hazards in Spacecraft: Task II Report	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160001002	Engineering Analysis for Oxygen Compatibility of Materials Used in the PLSS Test Console, 8-Foot Chamber, and 20-Foot Chamber Oxygen Manifolds	1968
20160001008	Respiratory Tract Damage in Burns: Pathophysiology and Therapy	1968
20160001012	Heat-Actuated Detectors for Automatic Fire Alarm Installations	1968
20160001081	Minutes. Interagency Committee on Back Contamination	1968
20160001082	Minutes: Interagency Committee on Back Contamination	1968
20160001083	Minutes. Interagency Committee on Back Contamination	1968
20160003646	Addendum to PA-1 Test Report	1968
20160003647	Addendum to PA-1 Test Report	1968
20160003648	PA-1 Rocketdyne Engine Start Tests	1968
20160003649	PA-1 Test Report	1968
20160003650	PA-1 Test Report	1968
20160003651	Ascent Propulsion System Test Report: Abort Start and Regulator Malfunction	1968
20160003652	PA-1 Static Firing Report	1968
20160003653	Ascent Propulsion System Test Report: PA-1 Series 9	1968
20160003655	Ascent Propulsion System Test Report PA-1 Series 5A Propellant Utilization Tests	1968
20160003662	Apollo Lunar Module Descent Engine Ablative Chamber-Injector Compatibility Improvement Study	1968
20160003663	Apollo Lunar Module Descent Engine Ablative Chamber-Injector Compatibility Improvement Study	1968
20160003664	Apollo Lunar Module Descent Engine Ablative Chamber-Injector Compatibility Improvement Study Design Review Data Package	1968
20160003665	Apollo Lunar Module Descent Engine Ablative Chamber-Injector Compatibility Improvement Study	1968
20160003666	Quality Program Plan for Apollo LMDE Ablative Chamber-Injector Compatibility Improvement Study	1968
20160003754	Helium Cascade System Cold Flow Test	1968
20160003755	HEC-I-011 Cold Flow Test	1968
20160003756	Helium Cascade System Cold Flow Test	1968
20160003757	Helium Cascade System Cold Flow Test	1968
20160003758	Helium Cascade System Cold Flow Test	1968
20160003759	Helium Cascade System Cold Flow Test	1968
20160003760	HEC-I-003 Cold Flow Test	1968
20160003761	Helium Cascade System Cold Flow Test	1968
20160003762	Helium Cascade System Cold Flow Test	1968
20160003763	Helium Cascade System Cold Flow Test	1968
20160003764	Helium Cascade System Checkout Test	1968
20160003813	Acceptance Test Specification: Individual Test for Water/Glycol Circulation Cart	1968
20160003822	Acceptance Test Specification Individual Test for Assembly, Checkout, Ascent/Descent Propellant Section	1968
20160003826	Acceptance Test Specification Individual Test for Water Servicing Manifold	1968
20160003829	Acceptance Test Specification Individual Test for ECS Water Separator Accumulator Drain System	1968
20160003833	Acceptance Test Specification Individual Test for Temperature Conditioning Unit	1968
20160003840	Acceptance Test Specification Individual Test for Analog Signal Conditioning and Sampling Unit	1968
20160003847	Acceptance Test Specification Individual Test for Valve Position Controller Assembly	1968
20160003849	Acceptance Test Specification Individual Test For RCS 5 Volt Monitor Unit	1968
20160003852	Acceptance Test Specification Individual Test for Thruster Checkout Cart, Reaction Control Subsystem	1968
20160003936	Acceptance Test Specification Individual Test for Transporter Heating System	1968
20160003938	Acceptance Test Specification Individual Test for CTS Facility Communications Adapter	1968
20160003943	Acceptance Test Specification Individual Test for Space Suit Dead Facing Box	1968
20160003945	Acceptance Test Specification Individual Test for IMU and ASA Monitor and Alarm Panel Assembly	1968
20160003948	Acceptance Test Specification Individual Test for Deca Line Driver Assembly	1968
20160003982	Results of LTA-3 Manned Drop Test - LCQ 560-317A	1968
20160003983	Results of the ALSEP/MESA Removal Tests LCQ-280-010	1968
20160003987	Summary Report for Impulse Testing LTA-3 D/R	1968
20160003988	Results of Proof Pressure and Leak Rate Test of Door, Docking Hatch LDW 420-11430-1	1968
20160003989	Report of Certification Test, GSE Cabin Light Source Assembly	1968
20160003990	Results of Supplemental Certification LM Wire Splices	1968
20160003991	Results of Environmental test of EDS Test Set LDW410-12070-5, -1	1968
20160003992	Results of Verification Test of the GSE Cabin Auxiliary (Emergency/General) Lighting Assembly	1968
20160003993	Results of Functional Check and Proof Load Test of the Fixture, Vehicle Inverted	1968
20160003995	Report for Re-Qualification Test of the ECS Relay Box - LCQ 330-090	1968
20160004000	Report for the Re-Qualification Test of the VHF Inflight Antenna (LCQ 380-021)	1968
20160004003	Results of Qualification Test of the Utility Light Switch Assembly (Certification Test Requirement LCQ-340-027)	1968
20160004004	Results of (LM-4) Hydraulic Armrest Damper (LDW340-21204-5) Qualification Test	1968
20160004006	Results of Qualifications Tests of Restraint System Armrest Assembly	1968
20160004009	Results of Testing of LM Suit Evaporator Discharge Duct and Thrust Deflector Certification Test Requirement (LCQ-330-030)	1968
20160004011	Results of the Qualification Test of Cold Plates for Shimmed LM Guidance Computer Configuration (LGC)	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160004017	Results of the Bucking Bar Incident Investigation	1968
20160004022	FMES/FCI - LM-1 Software Reverification (BURST120) Test Report	1968
20160004124	LM-5 Customer Acceptance Readiness Review (CARR) Report Phase III	1968
20160004129	LTA-8/LM-5 Heater System Handbook	1968
20160004132	End Item Calibration Specification Temperature Readout System LDW-450-62370	1968
20160004134	End Item Calibration Specification Fuel Loading Control Assembly LDW 430-64430	1968
20160004140	End Item Calibration Specification Simulator Internal Environmental	1968
20160004141	End Item Calibration Specification Unit, Supply, Freon LSC430-54600	1968
20160004145	End Item Calibration Specification Water Components Test Stand Assembly	1968
20160004146	End Item Calibration Specification ECS Water Separator Accumulator Drain System LDW 430-51410	1968
20160004162	End Item Calibration Specification Test Simulator Environmental Control Subsystem Relay Box LSW-410-8320	1968
20160004191	Latching and Loads Analysis for Command and Service Module Docking to a Radial Port of the AAP Multiple Docking Adapter	1968
20160004550	Quick Look Analysis of PA1-5A-002, Off-Nominal Propellant Utilization Test Performed at MSC/WSTF	1968
20160004551	Quick Look Analysis of PA1-5A-005, Off-Nominal Propellant Utilization Test Performed at MSC/WSTF	1968
20160004552	Quick Look Analysis of PA1-5A-006, Off-Nominal Propellant Utilization Test Performed at MSC/WSTF	1968
20160004553	Quick Look Analysis of PA1-5A-004, Off-Nominal Propellant Utilization Test Performed at MSC/WSTF	1968
20160004554	Quick Look Analysis of PA 1-8A-003, -006A and -006B Abort Start, Restart and Oxidizer Depleted Run	1968
20160004555	LM-4 Customer Acceptance Readiness Review (CARR) Report (Phase I and II)	1968
20160004600	In Process Inspection and End Item Acceptance Procedures: Apollo Survival Equipment - Block II SEB4010060 - Three-Man Liferaft	1968
20160004610	Lunar Module Ascent Engine Program Review	1968
20160004611	Lunar Module Ascent Engine Program Review	1968
20160004621	Failure Analysis Addendum of Apollo Launch Escape Motor Cases ED-204 and ED-206 During Hydrotest at Exelco Developments, Inc.	1968
20160004641	Apollo Spacecraft Program Plan	1968
20160004666	Apollo Lunar Module Descent Engine Ablative Chamber-Injector Compatibility Improvement Study Planning Report	1968
20160004715	Fire Detection Using Laser Beams	1968
20160004729	Automated Skylight Openings - An Easier Way to Open Up Roofs	1968
20160009386	[Design, Development and Manufacture of Three Prototype Contingency Feeding Devices]	1968
20160009491	Metal Particle Combustion	1968
20160009504	Developments in the Technology of Nuclear Fuels	1968
20160012428	NASA/Apollo Program Management: Volume 9 Apollo Management System	1968
20160012445	Apollo Applications Program Mockup Plan	1968
20160012447	Apollo Applications Parts and Materials Program Plan	1968
20160013574	Technical Information Summary Apollo 8 (AS-503) Apollo Saturn V Space Vehicle	1968
20160013599	Report by the NASA Accident Review Board on the Flight Accident with LLRV #1 on May 6, 1968	1968
20160013605	Recovery Requirements Apollo 8	1968
20160013730	DDMS Operational Support Forces Operations Order 3-68 for the Project APOLLO 8 (AS-503) Mission	1968
20160013768	Mission Requirements SA 503/CSM 103 C' Type Mission	1968
20160013775	Mission Implementation Plan for C Prime Mission Apollo 8	1968
20160013776	Mission Implementation Plan for Apollo 7	1968
20160013779	Mission Description and Test Objectives 'D' Type Mission (AS-503/ CSM-103/LM-3) LM Evaluation and Combined Operations	1968
20160013795	A Preliminary Geologic Evaluation of Areas Photographed by Lunar Orbiter V Including an Apollo Landing Analysis of One of the Areas	1968
20160013819	Apollo 8: Final Photographic and TV Operations Plan	1968
20160013822	Apollo AS-503/CSM-103 Final Flight Plan	1968
20160013823	Apollo 7: Final Flight Mission Rules	1968
20160014388	Apollo 8 Mission Commentary	1968
20160014389	Apollo 7 Air-to-Ground Voice Transcriptions	1968
20160014393	Apollo Training: Apollo Spacecraft & Systems Familiarization	1968
20160014402	Apollo Operations Handbook: Lunar Module 4	1968
20160014427	Apollo 8 Technical Air-To-Ground Voice Transcription (GOSS NET 1)	1968
20160014429	Apollo 7 Technical Debriefing	1968
20160014430	Apollo VII Technical Debriefing: Part 1	1968
20160014431	Apollo 7 Mission Commentary	1968
20160014432	Apollo 7 Onboard Voice Transcription: As Recorded on the Spacecraft Onboard Recorder Data Storage Equipment (DSE)	1968
20160014435	Final Flight Evaluation Report: Apollo 5 Mission	1968
20160014438	Aerothermodynamic Flight Evaluation Saturn V, AS-502	1968
20160014763	Background Briefing on Apollo 6 Mission: Transcript f Proceedings	1968
20160014764	Space Vehicle Turnaround from Scrub (Apollo 5)	1968

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160014765	Saturn V Launch Vehicle Flight Evaluation Report: AS-501 Apollo 4 Mission	1968
20160014768	Apollo 5 First Lunar Module Test in Space	1968
20160014771	Apollo 4 Mission Report	1968
20160014779	1973 Mars Mission System Study: Unmanned Planetary Exploration Systems	1968
20160014780	Status Report: 1973 Mars Mission System Study	1968
20170000898	Mist Technology Status	1968
19680083793	Apollo Guidance System Operations Plan for Manned CM Earth Orbital and Lunar Missions using Program COLOSSUS 2C (Comanche, Rev. 67); Section 2; Data Links (Rev. 6)	1969
19680087451	A selective review of peripheral vision	1969
19680090023	Acceptance test report on fixed capacitors	1969
19690005320	The Correlation Between the Molecular Structure of Polyvinyl Chloride and Its Combustion Products	1969
19690005341	Simulation of weightlessness by rapid rotation - Its influence on various organisms	1969
19690005402	Water-salt metabolism during space flights	1969
19690005466	Resistance variation of metals in a magnetic field	1969
19690005576	Design considerations in airplane wing aerodynamics	1969
19690005611	Theory of motion of the planet Pluto. Part 2 - Plutonian perturbation of the second order with respect to perturbing masses. Part 3 - Recalculation of first- order Plutonian perturbations with respect to perturbing masses. Part 4 - New elements of Pluto	1969
19690005612	Theory of motion of the planet Pluto. Part 1 - Plutonian perturbations of the first order with respect to perturbing masses	1969
19690005641	Radio bridge - "Earth-moon-earth"	1969
19690006016	Certain universal systems of navigation via satellites	1969
19690006017	Biochemical Studies on Proteinoid /Polyanhydro-Alpha-Amino Acids/	1969
19690006018	The histochemistry of certain energy-exchange enzymes in the induced formation of silicotic connective tissue	1969
19690006019	Physiological reactions and possible means of protection during long term exposure to weightless conditions	1969
19690006020	Ten years of international cooperation in the domain of optical tracking of artificial earth satellites	1969
19690006264	Some compensation reactions during extended weightlessness	1969
19690006516	Some data on thermal regulation in Muscardinus avellanarus - Change of respiration character and body temperature during dormancy and activity	1969
19690006566	The problem of sleep and its limitations in prolonged space flights	1969
19690006567	Elastic proton helium 4 backward scattering at 665 MeV proton energy	1969
19690006568	Aerodynamic measurement technology - Proceedings of the First Meeting of the Subcommittee on Aerodynamic Measuring Technology	1969
19690006569	Investigation of fragments from space vehicles	1969
19690006571	Investigation of the induction of dorsiventrality in the incubating body embryos of marchantias. Part 3 - Light as the inducer of dorsiventrality	1969
19690007561	Reactivity of the organism during long duration space flights	1969
19690007693	Histochemical study of oxidative enzymes in the lungs of albino rats	1969
19690007696	MHD accelerator for reentry simulation studies	1969
19690007700	The behavior of an electron in a homogeneous electric field according to the relativistic theory of Dirac	1969
19690007704	A correction on my work - A new determination of molecular dimensions	1969
19690007725	Winter cloud distribution over the Pacific Ocean on the basis of an analysis of ATS photographs	1969
19690007768	Formation of amino acids and peptides by radiation	1969
19690007769	Formation of nitrogen containing heterocyclic compounds after X-ray exposure of aqueous solutions of aliphatic amines and amino acids	1969
19690007770	Erosion of the electrodes of pulsed plasma accelerators. Part 1 - Anode	1969
19690007771	Erosion of the electrodes of pulsed plasma accelerators. Part 2 - Cathode	1969
19690007853	Compressive forces of light on gases	1969
19690008456	Aircraft navigation	1969
19690009421	Automatic assembly in space	1969
19690009567	Spectrum of correlation functions of turbulent flow near a rough wall	1969
19690009568	Study of the asymptotic expansion of the multiple integrals of mathematical physics	1969
19690009695	Heat problems in space medicine	1969
19690010284	Geological and mineralogical aspects of the nature of tektites	1969
19690010292	The effect of temperature on the content of volatile acids in seeds and leaves of oil-bearing plants	1969
19690010437	Energy method for studying the transition from laminar flow to turbulent flow	1969
19690010438	Investigation of the dispersed bituminous substance in tektites	1969
19690010439	The problem of braking barriers - The Hispano-Suiza design	1969
19690010476	The visible afterglow of active nitrogen	1969
19690010547	An experimental investigation of heat transfer in the nozzle of high-aluminized solid rocket /effects of aluminum added to propellant/	1969
19690010549	Determination of entrance length during turbulent gas flow in an annular tube for substantial nonisothermicity	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690010785	Frequency method of measurement - Measurement of velocity and acceleration and of angle and angular velocity of an aerodynamic body	1969
19690010806	Studies on salts of oxytrimethylene-glycine and N-oxymethyl-glycine	1969
19690010807	Physiological problems during prolonged weightlessness	1969
19690010808	The absorption spectra of oxygen under high pressure and the existence of tetra-atomic oxygen molecules. 1 - Ultraviolet bands between 2900 and 2300 a	1969
19690010837	Notes on the structure and function of the brain - Table of contents, abstract, preface and introduction	1969
19690010956	Investigations on the origin of nyctitropic movements of leaf organs	1969
19690011148	Noise measurement performed on bodies in a flow in subsonic wind tunnels, part 1	1969
19690011417	Optimization of trajectories	1969
19690011536	The absorption of light by oxygen at the wavelength λ equals 2144 angstrom as a function of pressure	1969
19690011537	Vibrations and stability of an elliptical shell	1969
19690011561	The effect of surface and coating treatments on the embrittlement of steel at high resistance by hydrogen under pressure - The case of 35 NiCrMo 16 steel	1969
19690011562	Measurement of absorbed radiation doses during flights of space vehicles	1969
19690011602	A macro model for the evaluation of the order of magnitude of benefits from space research for the German Federal Republic	1969
19690011608	Problems of interpretation of satellite weather data	1969
19690011653	Future prospects for the use of satellite meteorological data for weather forecasting	1969
19690011677	Approximate calculation of the critical attachment and separation pressures of the turbulent boundary layer in supersonic flow	1969
19690011712	Contributions on the development mechanics of embryos	1969
19690011718	Determination of the number of free phosphate groups in E. coli ribosomes by optical methods	1969
19690011719	Approximate calculations of engine cost in the initial stages of planning	1969
19690011746	Flows in jets expelled from underexpanded nozzles	1969
19690011747	Contributions to the knowledge of indirect vision. 1 - Studies on the spatial sense of the retina	1969
19690011760	Tropical zone weather in infrared rays	1969
19690011767	Investigation of the ejecting action of a turbulent jet by the electrodynamic simulation method	1969
19690011768	Modern microelectronics and its prospects	1969
19690011769	Diffraction effects during the passage of plane shock waves through a channel-diaphragm	1969
19690011771	Interferometric study of a Mach 5 flow around a sphere	1969
19690011782	Congenital double formations in the frog and their origins	1969
19690011805	On thioformamide	1969
19690011831	Experimental investigations on wave riders /caret wings/ in the hypersonic range	1969
19690011855	On benzoylene-benzimidazole	1969
19690011860	Contribution to knowledge of the origin of nyctitropic movements	1969
19690011880	On the existence of iminoether arising from hydrocyanic acid	1969
19690011883	The chemistry of cyanogens and isocyanogens	1969
19690011893	Studies on the induction of dorsiventrality in brood body seedlings of the Marchantia. 5 - The reversibility of dorsiventrality induced by extrinsic factors	1969
19690011921	A brief survey of the major planets - Jupiter, Saturn, Uranus, and Neptune	1969
19690012014	Analysis of a multistage liquid metal magnetohydrodynamic power conversion cycle	1969
19690012036	A control system study for an in-core thermionic reactor	1969
19690012037	Atlas-Centaur AC-11 flight performance for Surveyor 4	1969
19690012307	Studies on the induction of dorsiventrality in germinating brood bodies of Marchantia and Lunularia. 1 - Inductors and their effects	1969
19690012308	Studies on the induction of dorsiventrality in Marchantia bodies. 2 - The force of gravity as an inductor of dorsiventrality	1969
19690012485	Amplitudes of the steady flutter of clamped panels	1969
19690012786	Diffusion-type silicon controlled rectifiers	1969
19690012810	An analytical approach to the problem of the accessible domain of a re-entry glider	1969
19690012863	Human engineering investigation of F-104J cockpit by questionnaire	1969
19690012947	Measurement of polarization of low-intensity X-rays	1969
19690013104	Demonstration of the occurrence of albinism, melanism and neoteny in frogs, 2. A new contribution to bio-technology	1969
19690013113	The asymmetrical development and situs inversus viscerum in twins and double structured organisms	1969
19690013141	The statistical theory of many particles	1969
19690013142	Further contributions to the knowledge of geotropic stimulus movements	1969
19690013150	Radio electronics and problems of artificial earth satellites	1969
19690013151	Structure of turbulent flow in a tube	1969
19690013189	Approximate solution of differential equations	1969
19690013721	Balances and Dynamometers Used at the ONERA Modane Test Center	1969
19690013771	Method for visualizing isothermal surfaces	1969
19690013773	Biosatellite 2	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690013830	Aerodynamic construction of transport airplane wings for cruising flight at high subsonic speeds	1969
19690013840	Viewing the earth-moon Lagrangian points L4 and L5 from an observation balloon and from the ATM using S-052	1969
19690014219	Processing spectrophotometric measurements to compute chemical reaction rates and correlate them to a rate equation - A computer program	1969
19690014265	Induction heating advances - Applications to 5800 deg F	1969
19690014559	Evolution of the biochemical functions of the biosphere	1969
19690014560	Nucleic acids and evolutionary systematization	1969
19690014570	State and problems of studies of the problem of the origin of life	1969
19690014711	Magnetic field properties related to the design of a one-component magnetic support-and-balance system	1969
19690014720	Quality assurance monitoring of the microbiological aspects of the Sterilization Assembly Development Laboratory	1969
19690014722	Zone condensation as a purification method	1969
19690014802	Optimal nonlinear estimation based on orthogonal expansions	1969
19690014803	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation Semiannual status report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690014811	The Question of Microhardness of the Oxides of Certain Elements	1969
19690014828	Atlas of the Reverse Side of the Moon, Part 2	1969
19690014898	Analog computer investigations with a mathematical model for the regulation mechanism of calcium metabolism	1969
19690014899	Inter- and intra-individual desynchronization within an isolated group	1969
19690014900	The conditional independence from gravity of development of the polar differentiation egg	1969
19690014933	Mariner 5 dual-frequency receiver	1969
19690015019	Changes in corticosteroid and catecholamine metabolism after sharp limitation of motor activity	1969
19690015383	Dynamics of the spatial motion of an aircraft	1969
19690015546	Some problems of the physics of high energies and cosmic rays	1969
19690015625	Measurement of structural transfer functions significant to flight stability of the Surveyor spacecraft	1969
19690015635	Observations of noctilucent clouds	1969
19690015768	Protection for energy conversion systems	1969
19690015769	High-speed infrared furnace	1969
19690015777	Investigation of continental drift, phase 2 effort Final report, 1 Oct. 1968 - 15 Mar. 1969	1969
19690015780	Chemical changes in lipoprotein coaceruates	1969
19690015789	Analog/hybrid Computer Study Semiannual Progress Report, 15 Sep. 1968 - 15 Mar. 1969	1969
19690015804	Prebiological synthesis of biochemically important compounds	1969
19690015805	Synthesis of biologically active substances in an ultrasonic-wave field	1969
19690015807	New victory in space research	1969
19690015808	Fiftieth anniversary of the N. Ye. Zhukovskiy Central Institute of Aerohydrodynamics	1969
19690015809	Physics of stellar bursts	1969
19690015810	The system iron-cobalt-aluminum	1969
19690015811	Electrocrystallization of aluminum from molten chlorides	1969
19690015814	Theoretical model studies of wave transmission in the semicircular canals	1969
19690015816	Studies of asymmetric adsorbents and catalysts simulating the asymmetrizing effect of enzymes	1969
19690015817	The matching of diffusion processes and chemical reactions, the evolution of open biochemical systems	1969
19690015818	Evolution of the photosynthetic assimilation of carbon	1969
19690015819	Bibliography on problems of astrobiology	1969
19690015825	Study of the components of fossil organic matter	1969
19690015830	Flat inundated turbulent flow of an incompressible conductive fluid in magnetic hydrodynamics	1969
19690015831	Evolution of the gases of the earth's crust and the atmosphere and its role in the origin of life on earth	1969
19690015854	Cryogenic tank support evaluation Interim report	1969
19690015855	Inorganic polyphosphates in the evolution of phosphorus metabolism	1969
19690015859	Life support	1969
19690015860	Physiological aspects	1969
19690015861	Psychological aspects	1969
19690015862	Exobiology	1969
19690015865	Corrosion of Metals in Deionized Water at 38 C (100 F)	1969
19690015866	Transonic aerodynamic characteristics of hypersonic low-wave-drag elliptical body-tail combinations as affected by changes in stabilizer configuration	1969
19690015872	Preliminary clinical report of the medical aspects of Apollos 7 and 8	1969
19690015904	Study of thermal conductivity requirements. Volume 1 - High performance insulation thermal conductivity test program Interim report	1969
19690015906	Fundamental studies of the metallurgical, electrical, and optical properties of gallium phosphide Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690015909	The system iron-cobalt-titanium	1969
19690015910	Spatial density of the known asteroids in the ecliptic plane	1969
19690015911	On the determination of the elastic properties of blood vessels from their wave transmission characteristics	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690015912	Design, test, and application of a hybrid computer interface	1969
19690015965	One component, magnetic, support and balance system for wind tunnel models	1969
19690015966	A theory for predicting the rotational and vortex noise of lifting rotors in hover and forward flight	1969
19690015970	Organic compounds of meteorites in relation to the problem of the origin of living matter	1969
19690015979	The interaction of intense laser beams with free electrons	1969
19690015985	LEED studies of adhesion to a rhenium surface	1969
19690015990	Calculation of axially symmetrical intake contours by means of the singularity method	1969
19690015992	Zone melting of acetonitrile	1969
19690016017	Synthesis of polyamidoacids and polyimides from 4,4 diaminodiphenyl sulfide and pyromellitic dianhydride	1969
19690016020	Delineation of emergency surface decompression and treatment procedures for Project Tektite aquanauts	1969
19690016021	Analysis of cavity reactor experiments	1969
19690016028	Proton bombardment-induced target temperatures and thermal accommodation coefficients of rock powders - Measurements by infrared pyrometry	1969
19690016032	Stability and dynamics of orthotropic elliptically cylindrical shells	1969
19690016033	Organizational principle of coacervate systems and simulation of primary forms of metabolism in them	1969
19690016078	Metallographic investigation of the oxidation of nickel aluminum-nickel niobium alloys	1969
19690016165	Heat exchange in rough tubes	1969
19690016167	Chemical reactivity of hydrogen, nitrogen, and oxygen atoms at temperatures below 100 deg K	1969
19690016253	Contribution to the theory of a high compression gas ejector with a cylindrical mixing chamber	1969
19690016268	Ambiguity and stability of detonation in a bounded medium	1969
19690016303	The influence of reflections on the sound-pressure spectra of jets	1969
19690016470	Scattering, reactions and decay in nonrelativistic quantum mechanics	1969
19690016859	Pulsed thermonuclear system with dense plasma	1969
19690016860	Points of fusion and decomposition in the potassium chlorate-sodium chlorate system	1969
19690016875	Study of the effect of temperature and porosity on the strength of carbides of certain refractory metals during compression	1969
19690016876	Investigation of the crack propagation rate from the measured deflections of a sample	1969
19690016882	Catalytic decomposition of chlorites. 2 - Decomposition of sodium chlorite in the presence of cobalt and nickel hydroxides	1969
19690016898	Acoustic dynamics of machines	1969
19690017039	On the number of visual units in the middle part of the retina	1969
19690017077	Perception of space and time in outer space	1969
19690017182	General study of solar prominences and their evolution carried out with the aid of spectroheliograms obtained at the Observatory of Meudon, and by synoptic maps of the chromosphere published by this establishment under the auspices of the International Astronomical Union	1969
19690017579	Space applications of a minimization algorithm	1969
19690017790	Nonlinear problems of compressible flow	1969
19690017922	High Temperature Strength of Materials	1969
19690018044	Semiconductor p-n junction stress and strain sensor	1969
19690018052	Space programs summary 37-55. Volume 3 - Supporting research and advanced development, 1 December 1968 - 31 January 1969	1969
19690018053	Electrical feed-through connection for printed circuit boards and printed cable	1969
19690018085	Ring counter	1969
19690018125	Rocket chamber leak test fixture	1969
19690018199	Electromedical Apparatus - Principles of Operation, Installation, and Use	1969
19690018399	A comparison of two methods of measuring particle size of aluminum oxide produced by a small rocket motor	1969
19690018744	Testing of the Surveyor spacecraft at the JPL Environmental Test Laboratory	1969
19690018749	Failure rate analysis of Mariner Venus 67 spacecraft data	1969
19690019214	NASA contributions to fluid-film lubrication - A survey	1969
19690019245	Space Programs Summary No. 37-56	1969
19690019269	Basal-plane metallography of deformed pyrolytic carbon	1969
19690019605	Motive forces in the development of the earth and planets	1969
19690019748	Jet Propulsion Institute	1969
19690019753	Micrometeorites in near-earth space according to observations of the Kosmos-163 satellite	1969
19690019757	The use of the earth as a selenographic link for lunar pictures obtained from outer space	1969
19690019764	Experimental studies on the primary zone of high-intensity combustors	1969
19690019765	Void reactivity response in boiling water reactors	1969
19690019772	Symmetrical deformation of a nearly cylindrical shell	1969
19690019786	Measurements of the pressure coefficients of pitot tubes in supersonic flows	1969
19690019813	Flow in a Model of the Human Aorta	1969
19690019819	A general method for determining the effect of an explosion	1969
19690019848	Calculation of the flow around wings of arbitrary planform in a wide range of angles of attack	1969
19690019851	Effects of curvature on the similarity structure and turbulent mixing of two- dimensional curved jets	1969
19690019857	High-velocity hydrodynamics, no. 4	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690019858	Present situation and future prospects of controlled nuclear fusion	1969
19690019859	Experimental study of low density hypersonic flow using electron beam densitometry	1969
19690019861	Propeller balancing during operation	1969
19690019869	Injection and temporary capture of a charged particle beam in an open magnetic configuration. Optimization of the configuration. Case of cylindrical symmetry - A mirror machine	1969
19690019876	Influence of secondary forces on the takeoff and landing characteristics of a short takeoff and landing /STOL/ jet aircraft	1969
19690019881	Experimentally produced microcephaly in caudata	1969
19690019884	The logarithmically normal law of distribution of dimensions of particles when broken into small parts	1969
19690019885	Satellite read off, preliminary project. Project for cooperation between FFI and CMI	1969
19690019894	Constriction and section experiments with anuran embryos	1969
19690019895	Interpretation of turbulence measurements	1969
19690019929	Investigation of a gas discharge produced by microwaves and burning freely in space	1969
19690020011	Internal oxidation of nickel alloys containing a small amount of chromium	1969
19690020016	Recent measurements of jet and compressor noise. Application to calculation and prediction methods	1969
19690020049	Manufacturing file for storage battery cell VR 3,5 DS	1969
19690020113	The Face of the Earth and Its Origin	1969
19690020194	On the fire-extinguishing efficiency of halones	1969
19690020208	Performance of the JPL 43-in. hypersonic shock tunnel	1969
19690020245	Computation of Separated Incompressible Flow Around Airfoil and Determination of Maximum Lift	1969
19690020254	Sterilization Assembly Development Laboratory /SADL/ - Facility description and capabilities	1969
19690020284	Absolute measurement of radiant flux	1969
19690020289	New developments in the adaptation of cobalt catalysts to the synthesis of gasoline	1969
19690020291	Study of the precision of measurements of gas flow rates by the sonic nozzle method	1969
19690020295	Distribution of pressure on jet-flapped wings in view of mixing of blown out air current with ambient air	1969
19690020333	Theory of nonequilibrium processes in statistical mechanics. 3 - Integral equation for density matrix and role of the free Hamiltonian in the evolution of the dynamical system	1969
19690020405	Aircraft noise abatement	1969
19690020406	Flows with simultaneous natural and forced convection	1969
19690020416	Contribution to the study of gas pumping by a cold wall. Anisotropy of the medium. Operating period	1969
19690020417	Space programs summary no. 37-56, volume 1 for the period 1 January to 28 February 1969. Flight projects	1969
19690020434	Lunar Orbiter gravity analysis	1969
19690020639	Theory of electromagnetic waves in metals and their interaction with ultrasonic waves, 1	1969
19690020644	Detectors for rocket- and satellite-borne measurements of extremely low dust fluxes	1969
19690020664	Determination of reaction rates of complex reactions	1969
19690020677	Effect of impregnation on the mechanical properties of glass fibers	1969
19690020678	Motion of the earth's pole from 1846.0 to 1891.5, according to observations performed at Pulkovo, Greenwich, and Washington	1969
19690020799	A four axis telescope mounting for photoelectric photometry of artificial earth satellites	1969
19690020867	Transient temperature fields in shells	1969
19690020869	Dynamics of a fluid in a conical tank during the transition from small to appreciable gravity	1969
19690020870	Natural oscillations of nearly cylindrical shells	1969
19690020896	Sweat loss and beverage intake of miners and laborers employed in a high temperature environment	1969
19690020904	The lunar craters, actual magnetic fossils	1969
19690020914	Thirteenth conference on meteorites	1969
19690020934	Study of the planet Mars from 1954 - 1958	1969
19690020952	Hollow cathode lamp - A powerful aid for spectral emission analysis	1969
19690021129	Liquid Metals	1969
19690021130	Study of heat transfer in liquid metals in round pipes	1969
19690021131	Heat transfer with liquid metal in a vertical pipe at low Peclet numbers	1969
19690021132	Heat transfer of sodium and a sodium-potassium alloy in short vertical pipes by combined convection	1969
19690021133	Taking into account longitudinal heat flows when measuring the average temperature of fluids in pipes and heat exchanges for low Peclet numbers	1969
19690021134	Statistical characteristics of turbulent temperature fluctuations in fluid flows	1969
19690021135	Statistical characteristics of temperature fluctuations in heat exchanger walls attendant to high thermal fluxes	1969
19690021136	Heat transfer in turbulent flow of fluids in square ducts	1969
19690021137	Fluid dynamics in an annular space with longitudinal ribs	1969
19690021138	Effect of eccentricity on heat transfer to liquid metals in annular spaces	1969
19690021139	Transfer of heat in turbulent flows of fluids in annular and plane spaces	1969
19690021140	Experimental study of heat transfer from a flat horizontal surface to sodium by free convection	1969
19690021141	Approximate thermal simulation of cylindrical fuel-element rods	1969
19690021142	Heat transfer from loosely-spaced fuel rod clusters to liquid metal flowing in the axial direction	1969
19690021143	Experimental study of temperature fields of fuel elements, using models	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690021144	Heat transfer in the intertubular space of liquid-metal heat exchangers	1969
19690021145	Analysis of the applicability of average heat-transfer coefficients in heat-exchanger design	1969
19690021146	Resistance to axial flow of fluids past rod clusters	1969
19690021147	Velocity distribution in a cell formed by a densely packed cluster of rods	1969
19690021148	Calculation and experimental study of velocity fields in intricately shaped passages	1969
19690021149	Electronically-heated setup for the study of heat transfer from boiling metals by free convection	1969
19690021150	Transfer of heat from sodium boiling in a large vessel	1969
19690021151	Experimental study of critical thermal fluxes in sodium boiling in a large vessel	1969
19690021152	Mean temperature difference in low-pressure vapor generators and condensers	1969
19690021153	Transfer of heat from condensing sodium vapor	1969
19690021154	Corrosion resistance of construction materials to sodium	1969
19690021155	Determination of the oxygen content of sodium and of the sodium-potassium alloy by vacuum distillation	1969
19690021156	The cock-type indicator as an instrument for detecting admixtures in sodium	1969
19690021157	Effect of admixtures on the electric resistance of molten lithium	1969
19690021158	The use of hot traps for removing oxygen from sodium	1969
19690021159	Maximum permissible leakage in a sodium-to- water steam generator	1969
19690021160	Some problems of operation and design of liquid-metal loops	1969
19690021161	Heat exchangers of experimental liquid-metal loops	1969
19690021162	Study of velocity fields by the electromagnetic method	1969
19690021163	Electromagnetic ac pump for liquid metals rated at 120 cubic meters per hour	1969
19690021164	Electromagnetic screw pump for pumping of liquid metals	1969
19690021165	Hydrostatic bearings in sodium pumps	1969
19690021166	Flowmeter for measuring large liquid-metal flows	1969
19690021167	Time needed for melting cylindrical metal volumes	1969
19690021168	Frozen sodium seals	1969
19690021169	Calculations of heat transfer in liquid metals	1969
19690021170	Corrosion resistance and temperature limit utilization of certain construction materials in a sodium flow	1969
19690021376	The design of conical shells subjected to antisymmetric loadings	1969
19690021388	Investigations of projectile material in microcraters	1969
19690021501	Properties of tricobalt tetroxide powder obtained from the calcination of cobalt salts	1969
19690021510	Radio navigation aids for air transport	1969
19690021593	Aircraft Turbine Engines - Design and Operation	1969
19690021916	The speed of turbulent motion in the solar photosphere	1969
19690021923	Surface tension of metals	1969
19690021924	Some problems of increasing the rate of cathode sputtering in semiconductors	1969
19690021933	Lagrangian multipliers for variational problems and isochronous derivatives in the gravitational field of an axisymmetrical planet	1969
19690021942	Features of the telemetry system of the ESRO-1/Aurorae satellite	1969
19690021949	One-dimensional flow of a magnetized fluid	1969
19690021964	Investigation of the angle fluctuation of incoming laser emissions in the near-earth layer of the atmosphere	1969
19690021977	The influence of systematic errors of natural motions and of the secular motion of the pole on results in determining the secular variations of longitude	1969
19690021978	Coordination of the voluntary movements of man in a zero gravitational field /under weightlessness/	1969
19690021979	Single-channel infrared astrophotometer	1969
19690021980	Certain analytical results of observations obtained from a transit instrument of the Leningrad State University Time Service	1969
19690021992	Radioheliographs of extremely high resolution	1969
19690022002	Determination of plasma parameters according to the intensity of the continuous spectrum	1969
19690022010	Hypersonic aerodynamic flow around slender cones at high incidence, part 1B	1969
19690022016	Outer space and civil aviation	1969
19690022017	Impact ionization and the tunneling effect during electroluminescence of zinc sulfide	1969
19690022068	Energy levels of highly-energized ions, on the basis of a hydrogen-like model	1969
19690022070	Approximate analytical solution for equations in problems of quantum mechanics	1969
19690022122	Some consideration of safety handling of X-ray diffraction apparatus	1969
19690022132	Study of small harmonic vibrations of a heated structure in the vicinity of a loading state corresponding to a partial entry into the plastic domain	1969
19690022157	Contributions to the developmental mechanics of embryos	1969
19690022251	Population of the excited states of atoms and ionization in non-equilibrium cesium plasma of low pressure	1969
19690022370	Calculations of the equations of a three-dimensional laminar boundary layer by the integral method	1969
19690022458	Transactions of the Ninth Scientific Conference of Graduate Students and Junior Scientific Associates of the Institute for the History of Natural Science and Technology, Section on the History of Aviation and Cosmonautics	1969
19690022459	The history of the designing of liquid- propellant rocket engines as a new type of rocket engine	1969
19690022460	The history of the development of electric rocket engine systems	1969
19690022461	The development of large-scale rocket designing in the USA in 1944-48	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690022462	The development and use of liquid-propellant rocket engines in aviation in the USA /1940-1958/	1969
19690022463	An analysis of the moment of transition in aviation from piston engines to jets	1969
19690022464	The history of the hypothesis on the radiation belts of the earth	1969
19690022465	Some notes to the appearance and development of inertial navigational systems	1969
19690022473	Transfer of Microwave Radiation in the Atmosphere	1969
19690022474	Investigation of the field of microwave radiation in the atmosphere	1969
19690022475	Experimental investigations of the characteristics of thermal radio emission from the surface of the sea	1969
19690022476	Thermal radiation and reflection from a rough sea surface in the microwave range	1969
19690022477	Determining the temperature of the water surface from radio emission in the centimeter band	1969
19690022478	Thermal radiation from ice in the centimeter and decimeter bands	1969
19690022479	Determining the water vapor content in the atmosphere from measurements of microwave radiation	1969
19690022480	Absorption and scattering of microwaves in precipitation	1969
19690022481	Transfer of microwave radiation in clouds and precipitation	1969
19690022482	Investigation of radio emission and absorption of a cloudy atmosphere in the millimeter and centimeter wave bands	1969
19690022483	Experimental investigations of attenuation and radio emission from rain in the UHF-band	1969
19690022484	Contrasts in radiobrightness temperatures during observations of clouds and precipitations	1969
19690022485	Several geometric characteristics of clouds and precipitations based on radar observations	1969
19690022486	The structure of precipitation fields in the Ukraine	1969
19690022487	Possible errors in absolute measurements of radio emission	1969
19690022488	Radio emission from clouds and precipitations	1969
19690022489	Features of the method of ultrahigh frequency radiometric probing of the atmosphere from aircraft	1969
19690022490	Thermal radio emission from an ice cover in the UHF-band	1969
19690022497	Effects of Wing Planform on the Static Aerodynamics of a Cruciform Wing-Body Missile for Mach Numbers up to 4.63	1969
19690022539	Critical Regimes of Supersonic Jet Aircraft-Stall and Spin	1969
19690022569	Boundary layer and chemical reactions	1969
19690022611	Physics of the moon and planets	1969
19690022612	Spectral reflective properties of the lunar surface	1969
19690022613	Brightness distribution along the equator of intensity of Venus in the spectral interval 3300-6700 angstrom	1969
19690022615	The position of the brightness maximum on the disk of Mars	1969
19690022616	Polarizational properties of the atmosphere and surface of Mars	1969
19690022617	An investigation of the polarizational properties of light reflected from various samples of terrestrial rocks	1969
19690022618	Ultraviolet absorption in different zones of Jupiter	1969
19690022619	A new type of intensity microphotometer	1969
19690022620	An investigation of the relief of the lunar surface in the region of the crater Kepler by a photometric method	1969
19690022666	Problems of Space Biology. Volume 7 - Operational Activity, Problems of Habitability and Biotechnology	1969
19690022667	Problems of reliability of man in spacecraft control systems	1969
19690022668	Some aspects of the activity of sensory systems as applied to problems of space physiology	1969
19690022669	Psychophysiological characteristics of the solution of motor problems by man	1969
19690022670	On certain features of programming a sequence of human actions	1969
19690022671	Nerve control of the tempo of motion in man and possible methods of representing time in the nervous system	1969
19690022672	Organization of a system of actions in the case of random alternation of signals	1969
19690022673	Organizing a system of actions with random alteration of signals, search and choice of actions	1969
19690022674	Comparative speeds and variability of motion of the fingers of man	1969
19690022675	Effector activity of a human being in fixing performance time	1969
19690022676	Characteristics of the biomechanics of elementary human motion under the conditions of weightlessness and G-loading	1969
19690022677	The state and efficiency of a human being during prolonged confinement in a spacecraft simulator	1969
19690022678	Maintenance of a given static force while the force of gravity is transformed	1969
19690022679	Contribution to the problem of oculogravic illusion	1969
19690022680	Optical illusions in man in the case of weightlessness and of the combined effects of weightlessness, angular and coriolis acceleration	1969
19690022681	Physiological hygienic evaluation of the life-support systems of Vostok and Voskhod spacecraft	1969
19690022682	Effect on the organism of prolonged confinement /100 days/ in a pure oxygen atmosphere at overall pressure of 198 mm Hg	1969
19690022683	Certain functions of the central nervous system and gas exchange during prolonged confinement of animals in a hyperoxic helium environment	1969
19690022684	Human reactions to hypoxia and hypercapnia when breathing nitrogen and helium oxygen mixtures	1969
19690022685	Physiological effect of the replacement of nitrogen in the air by helium in the case of oxygen deficiency and high CO sub 2 concentrations	1969
19690022686	Some peculiarities of the speech function in a changed gas medium	1969
19690022687	Respiration of oxygen at high pressure, features of and training for such respiration and the physiological basis	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690022688	The effect of physical training under normal and increased partial oxygen pressure on the stability of white mice to transverse gravitational acceleration and hypoxia	1969
19690022689	Effect of a differential rate of growth of anoxia on the vegetative functions and bioelectric activity of the brain of a developing organism	1969
19690022690	The influence on man of a long stay under conditions of reduced barometric pressure and relative isolation	1969
19690022691	Effect of adaptation to high mountain conditions on human resistance to acute hypoxia and high temperature	1969
19690022692	Adaptation to hypoxia as a means of increasing human resistance to radical acceleration	1969
19690022693	Continuation of investigations of changes in osmotic resistance of erythrocytes during acclimatization to high mountain conditions	1969
19690022694	Effect of hyperoxia on dynamics of erythropoiesis in animals	1969
19690022695	Possibility of reducing the toxic action of carbon dioxide on the living organism	1969
19690022696	Human adaptation to temperature conditions with the object of increasing resistance to heat	1969
19690022697	Standards for noise levels in cabins of spacecraft during long-duration flights	1969
19690022698	Auditory function in man after a period of several days in an artificial atmosphere	1969
19690022699	Biological action of intense wide band noise on animals	1969
19690022700	Effect of sound on adrenocortical and thyroid function and higher nervous activity of albino rats	1969
19690022701	Effect of hypodynamia on nitrogen metabolism and importance of graded physical exercises for maintenance of the nitrogen balance	1969
19690022702	Effect of qualitative differences in diet on metabolism in hypodynamia	1969
19690022703	Nutritional state of human subjects kept for long periods in a horizontal position and subsequently exposed to acceleration	1969
19690022704	Use of a biomass of unicellular algae for human feeding	1969
19690022705	Mathematical method for calculating necessary quantity of products for a given diet using a limited assortment of products	1969
19690022706	Heterotrophic organisms as a source for human consumption during long spaceflights	1969
19690022707	Water supply for the crew during spaceflights	1969
19690022708	Possible use of water condensed from a viable cabin atmosphere for drinking and other dietary purposes	1969
19690022709	Ways and means of reducing to a minimum microflora in small rooms intended for long- term experiments with subjects	1969
19690022710	Investigation of the state of the human skin after prolonged restriction on washing	1969
19690022711	Astronauts' basic requirements for personal hygiene materials	1969
19690022712	Objective evaluation of deodorizing and freshening action of oral hygiene preparations under specific conditions	1969
19690022713	Toxic gaseous substances liberated from human feces during storage	1969
19690022714	Toxic gaseous substances liberated from urine during storage	1969
19690022715	Search for preparations for preservation of feces for use under space flight conditions	1969
19690022716	Medical provision for long space flights	1969
19690022717	Physiological aspects of the use of hypothermia in space medicine	1969
19690022718	Results of physiological and ecological investigations of Chlorella cultures as a link in a closed ecological system	1969
19690022719	Biotechnical system of automatic control of photosynthesis	1969
19690022720	Study of photosynthesis of Chlorella grown under constant conditions	1969
19690022721	Effect of some gaseous contaminants in the atmosphere on photosynthetic activity of Chlorella	1969
19690022722	Characteristics of growth and gas exchange of the alga Anacystis nidulans in intensive culture	1969
19690022723	Choice of animal components of closed ecological systems	1969
19690022724	Effect of food supply on growth of tilapia /Tilapia mossambica Peters/	1969
19690022725	Comparison of growth of tilapias /Tilapia mossambica Peters/ when fed on Chlorella and other foodstuffs	1969
19690022726	Effect of vibration and linear accelerations on fish	1969
19690022727	Action of gamma-rays and protons on Chlorella	1969
19690022728	Study of regeneration of air and water by higher plants in a closed space	1969
19690022753	Problems of Space Biology	1969
19690022754	Acclimatization to lowered barometric pressure as a means of increasing resistance to various extreme factors	1969
19690022755	The effect of preliminary acclimatization in mountains on man's endurance of transverse G-loads	1969
19690022756	Physiological reactions of man to the effect of transverse G-loads after adaptation to high-altitude conditions	1969
19690022757	The effect of adaptation to hypoxia under pressure-chamber conditions on tolerance to transverse G-loads	1969
19690022758	Characteristics of development of the adaptation syndrome to acute hypoxia in mountain climbers	1969
19690022759	The effect of adaptation to high altitude on man's tolerance of acute hypoxia, high temperature and vestibular irritations	1969
19690022760	Effect of repeated residence in mountains on the tolerance of mountain climbers to acute hypoxia	1969
19690022761	Tolerance of animals to hyperoxia, hypercapnia and high temperature after adaptation to lowered barometric pressure	1969
19690022762	Effect of adaptation to lowered barometric pressure on tolerance of hypocapnia	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690022763	The tolerance of animals to acute hypoxia after conditioning to physical loads under high-altitude conditions	1969
19690022764	Mutual effects of conditioning to physical loads and adaptation to hypoxic hypoxia	1969
19690022765	The effect of prolonged stay under conditions of lowered barometric pressure on tolerance of G-loads	1969
19690022766	The effect of preliminary interrupted stay in a rarefied atmosphere on the tolerance of rats to transverse G-loads	1969
19690022767	The effect of adaptation to conditions of a changed gaseous environment on tolerance to G-loads	1969
19690022768	A comparative evaluation of the effectiveness of different schedules of adaptation to hypoxia	1969
19690022769	The effect of hypoxia on the condition of defense mechanisms of the organism of a mouse	1969
19690022770	The significance of certain control systems in developing adaptation to hypoxia	1969
19690022771	The role of certain subcortical formations in the development of adaptation to oxygen deficiency	1969
19690022772	The role of the adrenal glands in the development of adaptation to hypoxia	1969
19690022773	The significance of the pituitary in the development of adaptation to hypoxia	1969
19690022774	Dynamics of change in the osmotic resistance of erythrocytes in humans and in animals during the period of natural acclimatization to high altitude	1969
19690022775	Repeated exposure at high altitude as a method of revealing latent traces of adaptation to hypoxia	1969
19690022776	Duration of the reaction of the medulla ossium to acclimatization to hypoxia	1969
19690022777	The mechanism of adapting white mice to a hypercapnic gaseous environment	1969
19690022778	The effect of hypoxia on the reaction to several pharmacological compounds	1969
19690022779	The effect of antioxidants on resistance of the organism and certain functions under hypoxia	1969
19690022780	The effect of athletic training and acclimatization under middle altitude conditions in the Caucasus on several characteristics of the peripheral blood of young field and track athletes	1969
19690023127	Stationary supersonic source of non- equilibrium plasma	1969
19690023128	Acceleration of a conducting gas in a strong non-stationary electromagnetic field	1969
19690023148	A numerical solution to the problem of laminar flow in a conduit	1969
19690023149	The evolution of waves in a heterogeneous dispersing medium	1969
19690023150	Analysis of reflection phenomena of shock waves from a grid flow	1969
19690023194	A linear exchange of channel flow of a conducting gas with a large magnetic Reynolds number	1969
19690023195	Yak-40 - Technical service characteristics	1969
19690023196	How the Soyuz 4 and Soyuz 5 crews trained	1969
19690023256	Polyamido acids obtained on the basis of the dianhydride of 1,2,3,4-meso-butane- tetracarboxylic acid and aromatic diamines	1969
19690023274	Oscillations of scattering amplitude and restrictions on its high-energy behavior	1969
19690023296	Preliminary technical study of a direct telecast satellite	1969
19690023297	Experimental research on supercritical wing profiles	1969
19690023298	The calculation of the induced velocity field of a wing	1969
19690023315	Calculation of the volt-ampere characteristics of a helium projector	1969
19690023330	Determination, by analog simulator, of the cylinder wake potential in a collisionless plasma hypersonic flow	1969
19690023331	Radar observations of the Geminid shower in 1964	1969
19690023342	Dislodging of fast He 3 fragments from light nuclei with protons of 665 MeV energy	1969
19690023383	Comparison of the sensitivities of radar systems for meteor observations	1969
19690023384	Optimal detection of a signal with a random phase	1969
19690023385	Detection of a signal with an unknown amplitude and known phase. Systems with an active pause	1969
19690023386	Secular and irregular variations in the gas evolution intensity in comets	1969
19690023387	Meteor train diffusion and turbulence in the M-zone of the atmosphere	1969
19690023398	Accessible domain of a re-entry glider. Gradient method	1969
19690023399	Stability of nearly cylindrical shells in axial compression	1969
19690023400	Investigation of the effect on plasma structure in case of impact of an energy enriched microparticle	1969
19690023430	The two axis motion gear for the large space simulation chamber of the Space Simulation Institute within the DVL in Porz-Wahn	1969
19690023433	On the calculation of the pressure distribution in incompressible flow around airfoils given by aerodynamic parameters	1969
19690023434	Experimental investigation on the effect of lateral glare on central visual acuity	1969
19690023435	The hot universe	1969
19690023436	The combustion of solids in a pulse stream	1969
19690023440	Error probability and power spectrum of PCM/PM signal with small phase deviation	1969
19690023451	Vegetative remains from the Krivoy Rog Precambrian period	1969
19690023478	The Fermi surface of white tin	1969
19690023499	On the development of elliptical coordinates	1969
19690023502	The Moon	1969
19690023503	Use of meteor trains of intermediate type in the measurement of the coefficient and the linear electron density	1969
19690023504	Effect of impurities on the thermoelectric properties of anisotropic materials	1969
19690023522	Determination of the coordinates of objects /distances and difference of distances/ by means of information contained in the phase of a signal	1969
19690023523	Determination of an object's velocity of motion by means of information contained in the phase of a signal	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690023524	Determination of the angular coordinates of objects by means of information contained in the phase of a signal	1969
19690023543	Communications through the soil	1969
19690023559	Use of matched filters in circuits for optimal detection of signals with known parameters	1969
19690023560	The fundamental hypotheses of the electron theory	1969
19690023561	The Leonid meteor shower	1969
19690023563	Nuclei of galaxies	1969
19690023599	Photon geiger counter with unlimited capacity in the 8-14 and 44-60 angstrom spectral region	1969
19690023717	Problems of thermoelasticity	1969
19690023788	Special Features Detailing Activities of Apollo 11 - News Release of Four Packages	1969
19690023834	The capture and escape behavior of planet/moon systems	1969
19690023896	Monte Carlo computation of aerodynamic characteristics of bodies of complex shape in free molecule flow	1969
19690023945	The precision of edge analysis applied to the evaluation of motion-degraded images	1969
19690023946	On the densitometric structure of motion-blurred edge traces in underexposed photographs and its effect on image-analysis procedure	1969
19690023947	Effect of image resolution and contrast on target detection and identification	1969
19690023948	Prediction and compensation of linear image motions in aerial cameras	1969
19690023949	Use of electro-optical image correlation for measuring and providing compensation for image motion	1969
19690023950	V/h sensor theory and performance	1969
19690023951	Seeing as considered by astronomers	1969
19690023952	Digital computer analysis of linear shift-variant systems	1969
19690023953	Use of a large-aperture optical system as a triple interferometer for removal of atmospheric image degradations	1969
19690023954	On processing optical images propagated through the atmosphere from objects with unknown motion parameters	1969
19690023955	Optical restoration using optimum filter theory of images blurred by atmospheric turbulence	1969
19690023956	Photoelectronic restoring system for images degraded by atmospheric turbulence	1969
19690023957	Fourier transform hologram camera with automatic velocity synchronization	1969
19690023958	Holographic imagery through atmospheric inhomogeneities	1969
19690023959	Potential and limitations of techniques for processing linear motion-degraded imagery	1969
19690023960	Some considerations in post-facto blur removal	1969
19690023961	Computing techniques for correction of blurred objects in photographs	1969
19690023962	Restoration of images degraded by spatially varying smear	1969
19690023963	Some practical aspects of measurement and restoration of motion-degraded images	1969
19690023964	An analog image processor	1969
19690023965	Optical processing of motion-blurred imagery	1969
19690023966	Holographic penetration of turbulence	1969
19690023967	Compensation of motion blur by shutter modulation	1969
19690023976	Mechanics of Spaceflight Low-Thrust	1969
19690023977	Basic parameters and layout of space propulsion systems	1969
19690023978	Physical principles of the elements of space propulsion systems	1969
19690023979	Generalized parameters of space propulsion systems	1969
19690023980	Ideal power-limited engine. Separation of the variational problem. Optimum weight ratios	1969
19690023981	Ideal power-limited engine. Optimum programs of thrust acceleration	1969
19690023982	Unthrottled engines. Separation of the variational problem. Optimum programs of the thrust vector	1969
19690023983	Real power-limited engines	1969
19690023984	Engines with limited exhaust velocity. Optimum combination of engines with limited exhaust velocity and limited power	1969
19690023985	Propulsion systems with energy and mass accumulation. Engines whose thrust and power are functions of the coordinates and time	1969
19690023986	Modifications of the optimum criterion	1969
19690023987	Reliability considerations in optimization problems	1969
19690023988	Extra weight required for trajectory correction	1969
19690023989	Analytic solutions of the equations of dynamics	1969
19690023990	Functional numerical methods for establishing optimum solutions	1969
19690023991	Finite-dimensional numerical methods of establishing optimum solutions	1969
19690023992	Description of the dynamic maneuvers	1969
19690024023	Solar activity, no. 3 Collection of articles	1969
19690024182	Motion of artificial satellites in the earth's gravitational field	1969
19690024480	Surveyor project. Part 1 - Project description and performance, volume 1 Final report	1969
19690024862	Gap effects of a sharp edged delta wing at supersonic speeds	1969
19690025223	Calculation of the energy of an atom with a correction due to oscillation in the Thomas- Fermi model	1969
19690025225	Holographic reconstruction of spatial distribution of a laser light field	1969
19690025233	Radiative Heat Exchange During Flow of a Gas Through a Tube	1969
19690025234	The Nonlinear Theory of Damping of Electromagnetic Waves in a Plasma	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690025235	Communications of the Lunar and Planetary Laboratory, volume 8, part 2	1969
19690025286	Arizona-NASA Atlas of Infrared Solar Spectrum, report 4	1969
19690025287	Arizona-NASA Atlas of Infrared Solar Spectrum, report 5	1969
19690025288	Arizona-NASA Atlas of Infrared Solar Spectrum, report 6	1969
19690025304	Insertion reactions of isonitriles	1969
19690025305	Study of a carbon dioxide pulsed laser	1969
19690025306	Radiocrystallographic study of the structure of a carbon dioxide cryodeposit	1969
19690025307	The first lunar expedition	1969
19690025320	Handbook of elastic stability	1969
19690025322	Stability of a liquid film on the surface of a rotating cylinder	1969
19690025334	Effect of incidence and Reynolds number on hypersonic flow past a circular cone	1969
19690025363	Fluctuations and scattering of slow neutrons and electromagnetic waves in paramagnets in a strong magnetic field	1969
19690025364	Thermodynamic theory of the gravitational effect in binary mixtures	1969
19690025365	Excitation of a gyrotropic plasma waveguide	1969
19690025488	Hypertension and dipsotherapy	1969
19690025530	Principle of least work deformation	1969
19690025649	On the professional activity of a cosmonaut	1969
19690025716	Safety equipment for handling the 20-kW and 5-kW arc lamps	1969
19690025762	High resolution electron microscopy applied to the study of nerve membranes	1969
19690025772	Legal treatment of extraterrestrial matter	1969
19690025896	Oscillation correction for density of electrons of an atom	1969
19690025987	High-Temperature Properties of Gases. Physical Gas Dynamics, Thermodynamics, and Physics of Combustion	1969
19690025988	Effect of spherical conducting foreign particles on the electrical conductivity of gases	1969
19690025989	Calculation of the composition and thermodynamic functions of general reacting gaseous systems	1969
19690025990	Thermodynamic functions of the combustion products of the system liquid ethyl alcohol-gaseous oxygen	1969
19690025991	Interaction potential of CO molecules	1969
19690025992	Parameters of carbon dioxide and nitrogen behind shock waves interacting with a wedge	1969
19690025993	Nonequilibrium expansion of air in supersonic nozzles	1969
19690025994	Study of the flow state behind a shock front by means of frame-scan photography	1969
19690025995	Effective profile of the Mach line in a relaxing gas	1969
19690025996	Shock-tube study of the stagnation-point heat exchange of a blunt body	1969
19690025997	Experimental study of the spectral properties of air at high temperatures	1969
19690025998	Spectroscopic investigations of the emission of hot nitrogen	1969
19690025999	Flow structure of ionized gas in an electromagnetic shock tube	1969
19690026000	Electron concentration behind a shock front and in a gas-discharge plasma in a magnetohydrodynamic shock tube	1969
19690026001	Rate of thermal ionization of nitrogen at 3000 - 5000 deg K	1969
19690026002	Argon plasma flow in a channel with a transverse magnetic field	1969
19690026003	Radiation of an exploding wire in vacuum	1969
19690026004	Electric characteristics of an exploding wire in vacuum	1969
19690026005	Deformation of solids by an exploding wire	1969
19690026006	Ignition theory of two-phase mixtures	1969
19690026007	Ignition conditions in combustible gas mixtures	1969
19690026008	Vibrational flame propagation in a tube	1969
19690026009	Obtaining color schlieren photographs of rapid processes using the IAB-451 instrument	1969
19690026010	Apparatus for projecting stills	1969
19690026011	The boundary layer behind a shock wave in argon and nitrogen	1969
19690026012	A delay circuit for triggering shock-tube recording instruments, automatically controlled by the shock-wave velocity	1969
19690026013	Pulse counting chronometer for shock-velocity measurements	1969
19690026014	An instrument for controlling the high-speed photorecording of the phases of a process	1969
19690026015	Front nature of the reaction surface with the medium	1969
19690026016	The sublimation of solids in a supersonic stream	1969
19690026017	A method for visualizing isothermal surfaces	1969
19690026056	Generalized asymptotes for extreme value distributions	1969
19690026066	Aerodynamic characteristics of a plate at an angle of attack in a viscous hypersonic flow	1969
19690026084	Criterion for determining the boundary of continuum flow in a freely expanding jet	1969
19690026104	Turn maneuver control of a circular orbit plane insuring passage of a satellite through a given point	1969
19690026105	A method for computing natural oscillation magnitudes from the results of vibration testing in an exciter configuration	1969
19690026106	General problems of guidance theory	1969
19690026121	Synthesis of phosphorous homo- and mixed aromatic polyimides	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690026122	The method of finite differences for solving one-dimensional nonstationary problems of magnetohydrodynamics	1969
19690026129	Dynamic investigations of a preliminary stabilization system of a gravity-stabilized satellite taking into account transducer constraints and stabilizer bending oscillations	1969
19690026144	Conditions of controllability in one problem of pursuit	1969
19690026146	Space programs summary no. 37-57, volume 2 for the period 1 March - 30 April 1969. The deep space network	1969
19690026149	Diuretic effect of watermelon, part 2	1969
19690026151	Statistical synthesis of optimal pulse control systems for spacecraft with consideration of structural limitations of the system	1969
19690026152	Dynamics of transfer of astronauts to a spacecraft by means of a rope and the principles of synthesis of spacecraft control based on the theory of variable structure systems	1969
19690026153	Stochastic optimization of control of descent of a spacecraft in the atmosphere	1969
19690026170	Research on the scattering of light in the human eye	1969
19690026171	Theory of birotor gyro-orbit	1969
19690026174	Three-dimensional supersonic gas flow accompanied by nonequilibrium processes	1969
19690026175	Theory of transverse oscillations of a quadratic plate with free boundaries	1969
19690026176	Certain ways of using artificial satellite observations in the field of continental and worldwide geodesy	1969
19690026190	Investigations of multiplex auto-oscillations of spacecraft	1969
19690026236	Respiratory tests in dynamic hyperthermia due to ingestion of protein	1969
19690026247	Survey of work performed at the Moscow University dealing with numerical investigation of external and internal problems in aerodynamics	1969
19690026248	Investigations of chemical reactions to solid body surfaces with exoelectrons after X-ray exposure. Part 1 - Dissociation reaction	1969
19690026253	Extrapolation and interpolation of the thermodynamic characteristics and parameters of a rocket engine	1969
19690026255	The method of effective energy in the problem of a strong explosion in a real gas	1969
19690026256	On the question of blastopore closure in rana fusca	1969
19690026257	Two cases of potomania	1969
19690026259	Thirst after bleeding	1969
19690026264	Natural vibrations and aeroelastic stability of a rectangular panel with flexible supports	1969
19690026265	Correlation effects in two-electron atoms	1969
19690026266	Problems of infrared atmospheric spectroscopy related to the satellite determination of temperature of underlying surface	1969
19690026281	Optimal parametric principles of the control of the descent of spacecraft	1969
19690026294	Research on low-drag transonic profiles	1969
19690026307	Dipsomania and potomania	1969
19690026327	Non-destructive dosage of the mineral composition of bone tissue by radiograph densitometry	1969
19690026338	Some properties of lithiumhydride with respect to its use as a rocket fuel. Part 1 - The density of LiH fuel grains made by compression of LiH powder	1969
19690026344	Thermal decomposition of alkali metal chlorates	1969
19690026364	Empirical laws for hybrid combustion of lithium hydride with flourine in small rocket engines	1969
19690026365	Limitation of growth of bacteria in liquids	1969
19690026366	Flows near isolated invariant sets in dimension 3	1969
19690026375	Surveyor project. Part 1 - Project description and performance, volume 2 Final report	1969
19690026387	Contributions to the physiology and pathology of human uric acid metabolism. Report 1 - On fluctuations of the endogenous uric acid metabolism of normal persons and its regulation	1969
19690026389	Determination of the free oscillations of a cylindrical shell of elliptical cross section	1969
19690026405	Informative interpretation of subjective pilot ratings concerning the maneuverability of flight vehicles	1969
19690026412	Tables of response functions for silicon electron detectors	1969
19690026430	Gas dynamic phenomena during the dark phase of wire explosions and their importance for reignition	1969
19690026441	Secular variations of elements of the earth's orbit which influence the climates of the geological past	1969
19690026458	High temperature oxidation protection of tungsten	1969
19690026461	Research and Advanced Development	1969
19690026462	Research and advanced development. Volume 2 - OART Semiannual review, 1 Jul. - 31 Dec. 1968	1969
19690026476	Certain questions on the synthesis of control systems for the spatial motion of orbital spacecraft in the earth's atmosphere	1969
19690026481	Mechanisms with elastic couplings - Dynamics and stability	1969
19690026492	The influence of the earth's axial rotation on the rivers	1969
19690026498	Syntheses of optimal system of orbital control of a synchronous satellite	1969
19690026511	Space programs summary no. 37-57. Volume 1 - Flight projects, 1 March - 30 April 1969.	1969
19690026531	Medical and biological tests aboard the Voskhod spaceship	1969
19690026545	A model for the quantification of the qualitative microbial sampling problem	1969
19690026557	Research and advanced development. Volume 1 - OSSA Semiannual review, 1 Jul. - 31 Dec. 1968	1969
19690026615	The main sources of space law	1969
19690026630	NASA Special Publications currently available, fall 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690026836	On the influence of an electromagnetic field created by external current on the distribution of plasma density	1969
19690026840	The effect of separations at the leading edge on the aerodynamic features of wings	1969
19690026849	Experiments in piloting by landmark on the moon	1969
19690026852	General considerations concerning metastable species	1969
19690026853	Clinical research on the relationship between basic gustatory sensations, gastric secretion, glycemia, and sense of appetite	1969
19690026890	Digital data retrieval facility for a blow-down supersonic wind tunnel	1969
19690026936	Transactions of the Tenth Scientific Conference of the Institute of History of Natural Science and Technology	1969
19690026937	The role of S. P. Korolev in the development of Soviet rocket technology during the period of its origin and establishment /1930 - 1941/	1969
19690026938	The principle characteristics and design features of R. Goddard's rockets	1969
19690026939	The construction of an electric rocket engine in the Gas Dynamics Laboratory	1969
19690026940	An analysis of the development of aviation modeling in the 19th century	1969
19690026941	Formation of the principal types of gas- turbine engines	1969
19690026942	The development and use of liquid-propellant rocket engines in experimental aircraft in the USA /1944 - 1953/	1969
19690026943	The history of the development of the principles for determining the position of an aircraft in space, based on the use of a pendulum	1969
19690026948	Investigation of Vibration and Stability of Aircraft Engine Components	1969
19690026950	The optimum hydraulic damping mount for a turbine rotor	1969
19690026951	Dynamic compliances in a system with friction	1969
19690026952	Forced vibrations of a free shaft with friction	1969
19690026953	Self-induced vibrations of axial-compressor blades	1969
19690026954	Computation of vibrations of variable-thickness disks by the Ritz method	1969
19690026955	The hydrostatic bearing as a source of vibrations	1969
19690026956	Stability of three-layer cylindrical shells beyond the elastic limit	1969
19690026957	The application of conformal mapping to problems of the theory of elasticity	1969
19690026958	Stability of three-layer cylindrical shells in the elastic and inelastic regions	1969
19690026972	Fertilizability of the egg of Hyla arborea japonica with special reference to the change of jelly envelope	1969
19690027060	Pitot-tube measurements in hypersonic flows having low gas densities and high total enthalpies	1969
19690027090	The entrainment of solids in a pipe by a flow of a viscous incompressible liquid	1969
19690027109	On a principle of optimization of calculations by the Monte Carlo method	1969
19690027124	On bodies of rotation in Mach 1 flow of an ideal gas	1969
19690027142	Stochastic problems of rocket dynamics	1969
19690027155	Instruction Manual for an Accelerometer Test System, P/N 231-0000 /F/2/-223-008-022-1308/	1969
19690027179	On self-similar solutions for the collapse of an empty cylindrical hollow in a gas with equation of state $p = \rho^{\gamma}$	1969
19690027381	Control of motion during reentry into the atmosphere	1969
19690027383	Atmospheric refraction and reflection of bangs toward the ground	1969
19690027395	The effect of vitamins B1 and B2 /lactoflavin/ on the water test among normal children	1969
19690027396	The behavior of blood sugar levels during repeated and various kinds of enteric sugar supply and its significance for the function of the liver	1969
19690027467	Investigations into the effects of carbonated water containing sodium chloride upon the stresses affecting the body when working under warm conditions	1969
19690027539	A study of the relationship of certain project team and contract characteristics to the performance of R and D contracts	1969
19690027608	Systematic errors of a horizon sensor due to the nonsphericity of the planet	1969
19690027609	Attenuation of millimeter and submillimeter radio waves in rains	1969
19690027618	Investigation of aircraft noise during take-off	1969
19690027621	Study of solid-state integrated microwave circuits Final report	1969
19690027653	The influence of gravity on the development and the maintenance of bilateral symmetry in the frog egg	1969
19690027660	Why Data System Standards?	1969
19690027904	Launch Vehicle Description	1969
19690027919	A Study of High Power Argon Laser Optics: Interim Scientific Report	1969
19690027974	Treatise on polarimetry	1969
19690028450	Mass exchange during condensation of cesium vapor from a moving mixture with argon	1969
19690028469	Experimental determination of the pressure of saturated lithium vapor	1969
19690028470	Measurements of turbulent boundary layers on a heat-insulated wall in the small supersonic wind tunnel of the AVA	1969
19690028471	Study of mass spectrographic microprobe analysis	1969
19690028472	Microwave investigation of relaxation phenomena in impact heated argon plasma	1969
19690028512	On an intermediate discrepancy in the electrodynamic and relativistic theory of electromagnetic mass	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690028588	An experimental investigation of the coefficients of electric conductivity and thermal conductivity of plasma in air	1969
19690028633	Wettability of electron bombarded Teflon	1969
19690028738	Theory of the thermoelectric and thermomagnetic properties of bismuth at low temperatures	1969
19690028739	Change in the chemical structure of cyanamide accompanying a change of phase	1969
19690028740	Formation and properties of polyamide imide	1969
19690028755	The determination of dielectric constant in the electromagnetic spectrum of undamped oscillations	1969
19690028760	Oligoimides and reticular-structured polyimides based on them	1969
19690028803	Theory of non-equilibrium low-temperature plasma	1969
19690028817	The physiology of human diabetes insipidus must be interpreted much more in relation to thirst than to polyuria	1969
19690028839	Problem concerning reaction of the organism under extremal conditions	1969
19690028840	Notes on the essay - Magnetic permeability of an artificial magnetic medium by Alexander Goldhammer	1969
19690028843	Focalization in short non-linear waves; application to ballistic noise of focalization	1969
19690028844	The periodic movements of leaf organs	1969
19690028873	Design and application of corrosion-resistant heated transfer tubes for liquid metals and salts	1969
19690029159	Method for estimating the noise of a turbojet according to its thermopropulsion magnitude	1969
19690029258	Radiophysics - Radiophysical investigations of Venus, 1965 - 1966	1969
19690029278	Mariner Venus 67 extension Final project report	1969
19690029285	Aerodynamics and flight dynamics of turbojet aircraft	1969
19690029316	Problems of Space Biology, volume 6	1969
19690029399	Estimates of the aerodynamic forces and moments acting on parabolic antennas in the Martian surface atmosphere	1969
19690029845	Surface tensions of solids	1969
19690029982	Synthesis and investigation of polyimides based on a benzene and maleic anhydride adduct	1969
19690029984	Experimental investigation of distribution parameters in single-phase and double-phase subsonic plasma flows	1969
19690029985	Experimental research on the condensation process in a supersonic flow	1969
19690029986	The Guiana Space Center	1969
19690029987	Turbulent boundary layer in the initial section of a tube under conditions of nonisothermicity and blowing	1969
19690030009	Numerical solutions of the scalar Helmholtz equation	1969
19690030027	Means for graphic interpolation of the results of calculations of chemical nonequilibrium flows in nozzles	1969
19690030142	A review of Project Fog Drops	1969
19690030143	Some principles of fog modification with hygroscopic nuclei	1969
19690030144	Verification in laboratory seeding experiments	1969
19690030145	Dissipation of natural fog in the atmosphere	1969
19690030146	Computer simulation of fog seeding experiments	1969
19690030147	Laboratory experiments with seeding agents other than sodium chloride	1969
19690030150	Research on the flow of moist vapor in axisymmetrical Laval nozzles within a broad range of degrees of moisture	1969
19690030153	Refined solution of pneumatic hammer instability of inherently compensated hydrostatic thrust gas bearings	1969
19690030155	Solar cell radiation flight experiment Final report, 14 Aug. 1968 - 30 May 1969	1969
19690030247	Investigations of the problem of chromium	1969
19690030248	Investigations of sugar metabolism in humans. Part 1 - The reaction of blood sugar to the peroral supply of a small dose of glucose	1969
19690030274	Energy dependence of the cross sections of the interactions of nucleons and atomic nuclei at energies greater than 50 MeV	1969
19690030279	Nozzle adjustment problems	1969
19690030280	Anodic process of formation of oxide films on aluminum, magnesium, and titanium, as revealed by the tagged atom method data	1969
19690030281	Current-collector contact testing	1969
19690030352	The periodic movements of primary leaves of <i>Canavalia ensiformis</i> . Chapter 4 - Clinostatic tests	1969
19690030533	Dynamic analysis of stability and deployment of inflatable shell structures Final report	1969
19690030573	Possible areas of control theory in print communication	1969
19690030574	Discussion of Hallenbeck paper	1969
19690030575	Biological cybernetics	1969
19690030576	Air transportation	1969
19690030577	Urban studies - An opportunity for systems engineering	1969
19690030578	World Bank operations in the less-developed countries	1969
19690030579	Discussion of Friedman paper	1969
19690030580	Control technology applied to production problems	1969
19690030581	Discussion of Foster paper	1969
19690030582	Biological oceanography	1969
19690030583	Reflections on Gifford Ewing's paper	1969
19690030584	How do we meet future control challenges? A panel	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690030594	Alkali-metal silicate protective coating	1969
19690030697	Space programs summary no. 37-58, volume 1 for the period 1 May - 30 June 1969. Flight projects	1969
19690030745	Space programs summary no. 37-57, volume 3 for the period 1 April - 31 May 1969. Supporting research and advanced development	1969
19690030939	Concentration of Matter and Action of Enzymes in Coacervates	1969
19690030945	Experimental investigation on the origin of turbulent tubular flow	1969
19690030946	Results of propagation tests run at 11 GHz and 18 GHz on two lines of different length	1969
19690030947	Some questions on the theory of potential variation of electrode layers	1969
19690030948	Photolysis of certain precursors of nucleic acids in the presence of polyphosphoric acid	1969
19690030949	Interaction cross sections of nucleons with helium	1969
19690030958	Development of an all-electronic star sensor with image dissector tube	1969
19690031203	Optimal transfers between close elliptical orbits	1969
19690031204	Development of emitters and collector multi-layer systems	1969
19690031205	Laboratory of Aerospace Medicine	1969
19690031216	Effect of Fokker-Planck collisions on plasma wave echoes	1969
19690031435	Shock Waves in Real Gases	1969
19690031547	Engineering study of elevated temperature solar cell panel fabrication techniques Summary report, 1 Jun. 1968 - 15 May 1969	1969
19690053483	Spacecraft sterilization by destructive heating.	1969
19690058039	Detection and Minimization of Chemically Induced Ignition Hazards of Glycol Fluids	1969
19690059578	ATP assay of terrestrial soils - A test of an exobiological experiment.	1969
19690064295	The application of bench tests in the development of heat-sterilizable battery separators.	1969
19690064776	Spearman simultaneous estimation for a compartmental model.	1969
19690067244	Spectroscopic observations of Venus Final report, 15 Apr. - 15 Dec. 1968	1969
19690067362	Application of the Galerkin method in the design of stable liquid rocket motors Semiannual status report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690067370	High altitude radiation measurements Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690067380	Germicidal activity of ethylene oxide reduction of microbial dissemination Summary report	1969
19690067429	Space radiation hazard	1969
19690067431	Convective heating of basic shapes for lunar mission vehicles	1969
19690067455	A study of fluid dynamics of gaseous nuclear rockets Quarterly progress report, Oct. 1 - Dec. 31, 1968	1969
19690067456	Experiment in direct provision of hard-copy documentation of aerospace generated technology to potential users Quarterly status report, Oct. 1, 1968 - Jan. 1, 1969	1969
19690067529	Astrometric and astrophysical investigations of comets, minor planets, and satellites Semiannual status report, 1 Feb. 1968 - 31 Jul. 1968	1969
19690067530	Astrometric and astrophysical investigations of comets, minor planets, and satellites Semiannual status report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690067541	Fundamental studies on the synthesis of heat resistant polymers and directed polymerizations Progress report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690067726	Measurements of the orbits of shower and sporadic meteors in the Southern Hemisphere by a multi-station radio technique Progress report, 1 Jul. - 31 Dec. 1968	1969
19690067728	Excitation and radiative transport of oxygen resonance radiation in the dayglow and auroras	1969
19690067729	Buckling of circular cylindrical shells in axial compression Semiannual status report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690067730	Application of optimal control theory to the design of an autopilot for reduction of acceleration inputs to an aircraft in turbulent air Progress report, 1 Sept. 1968 - 31 Jan. 1969	1969
19690067851	Plasma kinetic theory Final report, 1 Dec. 1967 - 31 Jan. 1969	1969
19690067853	High altitude radiation measurements Quarterly report, 1 Apr. - 30 Jun. 1968	1969
19690068043	Application of the double layer method to the solution of heat conduction problems with melting and freezing in regions of arbitrary shape	1969
19690068179	Activities and expenditures Semiannual report, 1 Oct. 1968 - 31 Mar. 1969	1969
19690068181	Design, development, fabrication, and installation of the 105-inch lunar and planetary telescope at McDonald Observatory Quarterly status report, 23 Dec. 1968 - 22 Mar. 1969	1969
19690068296	A study of fluid dynamics of gaseous nuclear rockets Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690068297	Physical dynamics of physiological systems Progress report, 8 Dec. 1968 - 7 Mar. 1969	1969
19690068358	The chemistry of atomic species Final report	1969
19690068369	An outline for a graduate level course in R and D management	1969
19690068461	Radiative transport of resonance radiation in optically thick media	1969
19690068464	A pilot program for selecting, editing, and disseminating engineering and scientific educational subject matter from NASA technical reports Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690068465	Volume 1 - Annual report, 8 September 1968 - 8 September 1969	1969
19690068521	Interdisciplinary communications program Quarterly report, period ending 31 Mar. 1969	1969
19690068841	Study of surface pressure distribution induced on bodies of revolution by a subsonic cold air jet exhausting normal to the surface and into a subsonic free stream Quarterly status report, 1 Feb. - 30 Apr. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690068842	Theoretical studies of some nonlinear aspects of hypersonic panel flutter Status report no. 7, 1 Sep. 1968 - 28 Feb. 1969	1969
19690068990	Practical limitations to the ranging accuracy achievable with a modulated CW laser	1969
19690068991	Conduct research on the effects of very strong magnetic fields and of magnetic field-free environments on man and animals Progress report, 1 Feb. - 30 Apr. 1969	1969
19690068998	Semiannual progress report, 1 September 1968 - 28 February 1969	1969
19690069177	Crack propagation in cylindrical shells Status report	1969
19690069726	Techniques for generation of control and guidance signals derived from optical fields Quarterly progress report, period ending 31 Jan. 1969	1969
19690069729	A study of lunar and planetary surfaces and atmospheres Semiannual progress report	1969
19690069731	Research in space-related sciences Semiannual report, 1 Nov. 1968 - 30 Apr. 1969	1969
19690069975	Study of the decay and recovery of orbiting artificial space objects Semiannual progress report, 1 Nov. 1968 - 30 Apr. 1969	1969
19690070250	The attenuation of radiant energy in hot seeded hydrogen - An experimental study related to the gaseous core nuclear rocket Quarterly status report, 1 Mar. - 31 May 1969	1969
19690070262	Respirometer for rhythmic studies in space Technical status report, 4 Feb. - 4 May 1969	1969
19690070364	Quarterly status report for the period 26 November 1968 - 25 February 1969	1969
19690070557	Semiannual Progress Report for the period 1 June 1968 - 31 December 1968	1969
19690070558	Coordinated Space rRelated Studies at New York University	1969
19690071175	Progress report for the period 1 February - 31 April 1969	1969
19690071183	Experimental and theoretical studies in planetary aeronomy Quarterly progress report, 1 Mar. - 30 May 1969	1969
19690071186	The space and technology transfer program Quarterly report, 1 Mar. - 31 May 1969	1969
19690071188	Detection techniques for tenuous planetary atmospheres Semiannual report, 1 Jan. - 30 Jun. 1969	1969
19690071189	Chemical origin of the Venusian clouds Interim report, 1 Mar. - 30 Jun. 1969	1969
19690071193	Quarterly status report for the period 1 Apr. - 30 Jun. 1969	1969
19690071205	Synthesis of polymers with high residues at high temperatures Quarterly status report, 1 Feb. - 30 Apr. 1969	1969
19690071619	Progress report on the NASA sustaining university research grant, volume 2	1969
19690071620	Hypersonic wake interaction solutions for flow past a very slender axisymmetric body	1969
19690071621	On the three-dimensional hypersonic needle problem in the viscous strong-interaction regime	1969
19690071622	Evaporation from a spherical source into a vacuum or into a pure vapor under strong nonequilibrium conditions	1969
19690071623	Fluorescence spectra resulting from VUV photon impact on COS	1969
19690071624	Residual deformation twin structure in planar shock-loaded Inconel 600	1969
19690071625	Residual structure and mechanical properties of alpha brass and stainless steel following deformation by cold-rolling and explosive- shock loading	1969
19690071626	A new technique for the direct observation of residual defect structures in cylindrical shock-loaded materials	1969
19690071627	A terminal ballistics application of transmission electron microscopy - The anatomy of a bullet hole	1969
19690071628	Shock deformation of Inconel 600 alloy - Effect of fine coherent precipitates on explosive-shock hardening	1969
19690071629	Direct observation of deformation microstructures surrounding a bullet hole in stainless steel sheet	1969
19690071630	Comparison of deformation microtwins in planar and cylindrical explosive loaded type 304 stainless steel	1969
19690071631	Forbidden absorption bands of oxygen in the argon continuum region	1969
19690071632	The distribution of zero crossings for self-excited oscillators	1969
19690071633	A review of electrical feedthrough techniques for high pressure gas systems	1969
19690071647	Finite regions of attraction for the problem lur'e	1969
19690072024	Southwest Research Institute assistance to NASA in biomedical areas of the technology utilization program Quarterly progress report, 1 Feb. - 30 Apr. 1969	1969
19690072038	Documentation handbook	1969
19690072143	Investigation of rotor blade tip-vortex aerodynamics Progress report, Jun. 1968 - Apr. 1969	1969
19690072358	Aerospace Research Applications Center - Quarterly report, second quarter	1969
19690072372	Department of Statistics Final report, 1 Jan. 1968 - 15 Jul. 1969	1969
19690072498	Semiannual progress report, 1 January 1969 - 31 May 1969	1969
19690072510	Several research projects concerning the period solutions of a special case of the problem of three bodies	1969
19690072527	RIST study, point conception tasks accomplished, 1 January - 30 June 1969	1969
19690072579	Measurement of transition probabilities for selective elements in the lanthanide group Final report	1969
19690072668	Directory of computer programs available from COSMIC, supplement 2 to volumes 1 and 2	1969
19690072671	Investigation of the basic foundation of masers and lasers Semiannual report, 1 Jan. - 30 Jun. 1969	1969
19690072758	Phase 2 Heus motor Monthly letter status report, 23 Jul. - 22 Aug. 1969	1969
19690072869	Resources analysis J 2S improvement study	1969
19690072870	Apollo/Saturn 5 postflight trajectory AS 505	1969
19690072871	Systems description - J-2S improvement study	1969
19690072873	Double precision orbit determination program - Volume 3 - TRAJ segment	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690072875	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen Quarterly progress report for the period ending 30 Jun. 1969	1969
19690072877	Apollo/Saturn 5 postflight trajectory AS 504	1969
19690072888	Mission/performance analysis - J 2S improvement study	1969
19690072889	Retrofit analysis - J-2S improvement study	1969
19690072910	Saturn 5 AS-504 launch vehicle reference trajectory, volume 2, book 5	1969
19690072999	Saturn 5 AS 506 "G" mission launch vehicle operational flight trajectory July launch month	1969
19690073003	Structural analysis J 2S improvement study	1969
19690073040	Saturn 5 launch vehicle emergency detection system analysis, SA-504	1969
19690073042	Summary J 2S improvement study	1969
19690073045	Saturn 5 AS-506 launch vehicle operational abort and malfunctioned flight analysis	1969
19690073720	The applicability of the NASA Thesaurus to the file of documents indexed prior to its publication	1969
19690073721	Aerospace Research Applications Center Quarterly report	1969
19690073723	Pionic and muonic X-rays in liquid He 4	1969
19690073744	Some integrals involving Legendre polynomials	1969
19690073745	Stars and planets visible in the LM AOT during the lunar stay time of the G mission	1969
19690073748	KWIC index of industrial applications reports	1969
19690073793	Structural and spectral studies of sunspots Annual report, 1 Sep. 1968 - 1 Sep. 1969	1969
19690073794	Solid state millimeter wave power generation and amplification Quarterly status report, 1 Jun. - 31 Aug. 1969	1969
19690073795	Further results of tradeoffs between walking and the use of mobility aids during lunar surface EVA	1969
19690073819	High altitude radiation measurements Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19690074313	Theoretical and experimental studies of high altitude chemical releases, using digital computing, photochemical and spectrophotographic analyses Semi-status report, 1 Mar. - 31 Aug. 1969	1969
19690074410	Hugh Latimer Dryden 1898-1965	1969
19690074541	Thermodynamic effects on desinent cavitation on hemispherical nosed bodies in water at temperatures from 80 deg F to 260 deg F	1969
19690074542	Recent observations of the moon by spacecraft	1969
19690074593	Theoretical and experimental investigations on antennas and waves in plasma Semi-annual status report, 1 Mar. - 31 Aug. 1969	1969
19690074594	Quarterly progress report, 1 April - 30 June 1969	1969
19690074601	Bimonthly progress report, 1 July - 1 September 1969	1969
19690074609	The Crystal Structure of Ammonium Tris(Pentasulfido)Platinum(IV) Dihydrate	1969
19690074657	Variation of Geomagnetic Disturbance with Latitude	1969
19690074795	Nonlinear aspects of combustion instability in liquid propellant rocket motors Status report, 1 Jun. - 31 Aug. 1969	1969
19690074949	Microorganisms removed from contaminated stainless steel by laminar air flow	1969
19690075027	Design engineering - Drafting practices and design data manual	1969
19690075311	Experimental Confirmation of the Applicability of the Fokker-Planck Equation to a Nonlinear Oscillator	1969
19690075312	Abstracts	1969
19690075313	Quarterly status report, 1 April 1969 - 30 June 1969	1969
19690075396	Aerospace Research Applications Center Final report, 31 May 1969	1969
19690075471	The utility of unmanned probes in lunar scientific exploration	1969
19690075501	Final design and flight qualification of a Hypergolic Electrical Power System /HEPS/ Monthly progress report, 1-30 Sep. 1969	1969
19690075811	Progress and final report	1969
19690075812	Study of permeability characteristics of membranes Quarterly report, 9 Feb. - 9 May 1969	1969
19690075978	Status report for the period 1 January - 30 June 1969	1969
19690076072	Saturn 5 S-11 Final Propulsion System Performance Prediction, Flight SA-503, Volume 2	1969
19690076212	Experiment in direct provision of hard-copy documentation of aerospace generated technology to potential users Quarterly status report, 1 Jul. - 30 Sep. 1969	1969
19690076223	A research program in solar physics Semiannual status report, 1 Mar. - 31 Aug. 1969	1969
19690076224	Radiation effects on liquid propellants - Data	1969
19690076225	Continued photographic patrol and study of the physical conditions of the moon and planets Semiannual report, 15 Apr. - 14 Oct. 1969	1969
19690076244	Strain cycling of niobium single crystals	1969
19690076251	Infrared spectra of molecules and materials of astrophysical interest Quarterly progress report, 1 Jun. - 15 Sep. 1969	1969
19690076255	Infrared spectra of molecules and materials of astrophysical interest Semiannual progress report, 30 Nov. 1968 - 1 Jun. 1969	1969
19690076256	A study of the spectral response of various types of detectors in the extreme ultraviolet Final progress report	1969
19690076259	Semiannual report, 1 January - 30 June 1969	1969
19690076265	A pursuit and evasion problem with measurement uncertainty	1969
19690076266	Scientific communication research in space biology Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690076267	Progress report, 1 July - 30 September 1969	1969
19690076278	Combined quarterly and annual report for period ending 30 September 1969	1969
19690076287	Planetology Status report no. 12, 1 Jan. - 30 Jun. 1969	1969
19690076288	CONSHEL - Documentation for computer program for free vibrations of conical shells	1969
19690076289	The effect of several infrared transparent broadening gases on the absorption of infrared radiation in the 15 micrometers band of carbon dioxide	1969
19690076296	Vibration of a continuum excited by random motions of a continuous foundation Semiannual report	1969
19690076490	Development of an operational induction flowmeter for liquid hydrogen Quarterly progress report	1969
19690076491	The effect of solar-radiation pressure on determination of the semimajor axis in satellite-orbit computation	1969
19690076492	The neutral atmosphere above 200 km	1969
19690076499	Computer language manual	1969
19690076509	Michigan University Final report, 1 Mar. 1964 - 30 Jun. 1969	1969
19690076516	Investigation of refractory composites for liquid rocket engines Monthly letter report, 1 - 31 Oct. 1969	1969
19690076517	IMP F and G Final report	1969
19690076518	Study of highly fluorinated heterocyclic polymers for cryogenic bladder applications Monthly status report, 15 Oct. - 15 Nov. 1969	1969
19690076519	A test program to determine the mechanical behavior of solid fuel propellants Quarterly progress report, Jul. 1969 - Oct. 1969	1969
19690076521	Administration of scientific and technological programs Semiannual report, 15 Nov. 1968 - 15 May 1969	1969
19690076528	Fourth Texas, symposium on relativistic astrophysics	1969
19690076529	NASA-supported research Semiannual progress report, 1 Mar. 1969 - 31 Aug. 1969	1969
19690076530	Pulsars Progress report	1969
19690076531	Multiple probe Venus mission study Final project report, 8 Aug. 1968 - 15 Oct. 1969	1969
19690076532	Research Laboratory of Electronics Quarterly status report, 1 Jun. - 31 Aug. 1969	1969
19690076533	Oklahoma University Summary report	1969
19690076641	Nonreciprocal semiconductor millimeter wave devices Status report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690077661	A pathlength drift control system for a Michelson interferometer	1969
19690078129	Flash-lamp pumped dye lasers	1969
19690078131	Improvement of detail contrast in photographic images by filtering spatial frequencies	1969
19690078132	Aberrant image restitution by spatial frequency filtering	1969
19690078133	Physiological aspects of circadian rhythms	1969
19690078152	Alkali metal vapor studies	1969
19690078203	Studies on the influence of psychological factors on the "expectancy wave"	1969
19690078293	Study of horizon definition experiment	1969
19690078471	Dipole array simulation by means of a waveguide obstacle array model	1969
19690078545	Electronic structure of bismuth alloys	1969
19690078683	Rectal temperature rhythm at a free rein	1969
19690078685	Subjective and objective reactions to break in the circadian rhythm during long-distance commercial flights from east to west and vice versa	1969
19690078701	A simple calculating device for the exact determination of upper-air wind	1969
19690078714	Further research on the circadian rhythm of chicken embryos and chicks	1969
19690078715	Biological rhythms - Review of some recent data	1969
19690078720	Frequency domain stability criteria for distributed parameter systems	1969
19690078727	A communication channel model of the solar corona and the interplanetary medium	1969
19690078728	Visualization of shell waves and boundary layers	1969
19690078730	Effects of light of different composition on the endogenous diurnal rhythm of Phaseolus	1969
19690078889	Reaction neutrons as an aid for plasma analysis	1969
19690078904	Translations on French nuclear, missile, space, and related military developments	1969
19690078906	Translating on French nuclear missile, space, and related military developments, no. 167	1969
19690079073	Some suggested approaches to solving the Hamilton-Jacobi equation associated with constrained rigid body motion Semiannual report, 1 May - 1 Nov. 1968	1969
19690079117	Behavioral sources of suboptimal human performance in discrete control tasks	1969
19690079118	Applications of calculus of variations to the optimization of multistage trajectories Final report	1969
19690079137	Experimental superaerodynamics part 3	1969
19690079138	Relationships between the rhythm of activity and the rhythm of the rectal temperature in free rein	1969
19690079139	Chemical analysis of absorbates from breathing canisters from Apollo Spacecraft 101 Final report, Jan. 1969	1969
19690079140	Linear and nonlinear analysis of shells of revolution with asymmetrical stiffness properties	1969
19690079143	Investigation by infrared thermometry of the evolution in the course of time of human skin temperature as a function of ambient temperature. Idea of cutaneous thermal adaptance	1969
19690079151	Lubrication by calcium fluoride in hot air carbon dioxide	1969
19690079152	The molecular biology of nitrogen fixing nodules in common legumes Semiannual report, period ending 15 Jan. 1969	1969
19690079156	Evaluation of Alcohol Sporulation Method	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690079190	Production of Organic Compounds by Proton and Deuteron Irradiation of Inorganic Solids Semiannual Status Report, 15 Jul. 1968 - 15 Jan. 1969	1969
19690079207	Health physics operations for the SNAP-19 at Vandenberg Air Force Base during Nimbus B2 spacecraft launch preparations	1969
19690079208	Space astronomy of the Steward Observatory Final status report, 1968	1969
19690079259	Enzyme activity in terrestrial soil in relation to exploration of the Martian surface Semiannual progress report, 1 Jul. - 31 Dec. 1968	1969
19690079466	Apollo guidance, navigation and control. LM digital autopilot simulation results using Program SUNDANCE	1969
19690079487	Guidance, navigation, and control lunar module functional description and operation using flight Program LUMINARY, volume 1	1969
19690079489	Studies on the relationship between crystalline structure and superconductivity Semiannual report for the period ending 30 Sep. 1969	1969
19690079493	Summary of the RTACF/MSFN processing during the Apollo 8 mission	1969
19690079516	Technical evaluation of multimeter AN/PSM-4F Final report	1969
19690079523	Operation of a three-frequency riometer system on the NASA 711 aircraft during the 1968 auroral expedition	1969
19690079525	Apollo communication systems performance and coverage analysis for Mission Apollo 9	1969
19690079535	Effects of radiation on gastro-intestinal function and cyclic turnover of intestinal epithelium - The role of depressed metabolism in increased radio-resistance, and the alteration of intestinal function by irradiation and radiomimetic drugs Semiannual status report, period ending 31 Dec. 1968	1969
19690079555	Quality control procedure and inspection criteria for printed wiring boards and assemblies	1969
19690079556	OAQ Control Center Programming System /CCPS/	1969
19690079558	Development of high temperature resistant materials for use in Naval ordnance Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690079568	Radiation protection training manual for the SNAP-19/Nimbus B2 at Vandenberg Air Force Base	1969
19690079569	Organized research and graduate training	1969
19690079579	Notes on hyperstatic symmetrical discrete elastic systems and their stability	1969
19690079583	Printed wiring design and fabrication	1969
19690079586	Development of long life catalyst beds for monopropellant hydrazine reactors Final report	1969
19690079587	Quality requirements for hand soldering of electrical connections for printed wiring	1969
19690079602	Cleaning, coating and gold immersion of printed wiring boards	1969
19690079608	Introduction of TDM into the DCS	1969
19690079615	Investigation of superconducting interactions Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690079618	Titan 3C payload fairing system full-scale separation test Final report, 1 Jun. - 31 Jul. 1968	1969
19690079635	EMC study of space applications remote sensors	1969
19690079673	The study and development of automatic infrared pattern-recognition techniques Final technical report, 1 Jan. 1967 - 31 Mar. 1968	1969
19690079681	Radiation effects on space power subsystems handbook, volume 2, part 1 Final technical report, Dec. 1967 - Nov. 1968	1969
19690079696	Review of recent developments. Metalworking	1969
19690079843	Large retractable solar cell array Quarterly technical progress report, 27 Sep. - 27 Dec. 1968	1969
19690079875	Catalogue of combat surveillance, night vision, and target acquisition equipment and systems /U/	1969
19690079908	Static stability and control characteristics and control surface hinge-moment coefficients of a lifting body from Mach 0.40 to 1.20 /U/	1969
19690079909	Study of Subscale Ballistic Vehicle Simulation of Boundary-layer Transition of Sharp Lifting Cones /U/	1969
19690079933	Selected studies in exobiology, planetary environments, and problems related to the origin of life Final report	1969
19690079939	Determination of criteria for and establishment of a terminal junction system Final report	1969
19690079972	Instrumentation to indicate hydrocarbon levels in compressed air systems. A survey report	1969
19690079976	Attenuation of visible and near-infrared radiation through a tropical forest during the wet season	1969
19690079984	Large aperture optics Final technical report, Jun. 1963 - Aug. 1968	1969
19690079986	TATS - The tactical transmission system summary	1969
19690079988	Production engineering measure for subminiature feed-thru ceramic dielectric capacitors Quarterly report, 29 Jun. - 27 Sep. 1968	1969
19690079990	Support of solar flare patrol by a world-wide network of observatories for collection of data on solar flares and associated ionospheric disturbances Quarterly status report, 13 Oct. 1968 - 13 Jan. 1969	1969
19690079997	Manufacturing methods report Technical report, 1 Jul. - 30 Oct. 1968	1969
19690080007	T58-Ge-16 engine. Component improvement program - Engineering activity, phase 1 Final report, 1 Jan. - 11 Oct. 1968	1969
19690080015	Perfecting a balloon gondola for astronomy	1969
19690080016	Preliminary design review of the Apollo Telescope Mount /ATM/ thermal control program	1969
19690080017	Research investigation of the decomposition of composite solid propellants Quarterly status letter no. 8, 6 Oct. 1968 - 5 Jan. 1969	1969
19690080019	Crystal chemistry studies Quarterly report, 14 Aug. - 13 Nov. 1968	1969
19690080023	Qualification test of Marotta Valve Corporation pressure regulator, manufacturer's part number 230904	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080024	Verification of the real-time computing complex's guidance entry program for Apollo 8, addendum	1969
19690080029	Jet fuel decontamination studies Interim technical report, 10 Jun. 1968 - 10 Jan. 1969	1969
19690080035	Review of GAEC FMES/FCI hybrid simulator control data for LM-3 D mission and LM-4 F mission	1969
19690080036	The Riccati second-variation optimization method, volume 1	1969
19690080037	The Riccati second-variation optimization program, volume 2	1969
19690080042	Range and velocity components of TORS multipath signals	1969
19690080049	Test report for Atco Rubber Company flexible hose NASA part number 75M05692-3	1969
19690080056	Apollo communication systems performance and coverage analysis for Apollo 9 mission, addendum	1969
19690080057	Near-earth orbital entry monitoring and backup control procedures for Apollo 8 mission	1969
19690080061	Powered ascent monitoring display and procedure validation based on availability of the ascent/descent data processor estimate of the actual state	1969
19690080064	Satellite communications systems technological studies and investigations Final report	1969
19690080066	Origin and objectives of satellite geodesy	1969
19690080090	Supersonic bypass nozzles - Computing methods	1969
19690080091	AS-504/CSM-104/LM-3 guidance navigation and control system flight test analysis plan, volume 1	1969
19690080092	AS-504/CSM-104/LM-3 guidance navigation and control system flight test analysis plan, volume 2	1969
19690080093	On the practice of making and reconstructing holograms	1969
19690080094	Statistical Navigation Analysis Program /SNAP/. Volume 1 - Engineering Description	1969
19690080096	SUNDANCE-LM-3 SFRR discrepancy report hybrid simulator data management support	1969
19690080111	Solar magnesium isotopic abundance ratios	1969
19690080117	Magnetic control of injected carrier density in semiconductors Progress report, 2 Jan. - 1 Jul. 1968	1969
19690080118	CSM-HGA interchangeability study - Antenna and RF circuitry terminal characteristics envelope	1969
19690080119	LM-3 environmental control system performance under contingent conditions	1969
19690080120	Aerodynamic characteristics of supersonic X parachutes at Mach numbers of 2.1 and 4.0 Final report	1969
19690080121	Final results of the supplemental testing and analysis of the COLOSSUS 1A /revision 249/ Flight program for the Apollo 9 mission	1969
19690080122	Description of the Apollo reference mission program iterative guidance mode equations and logic	1969
19690080123	Apollo spacecraft systems analysis program. Analysis of CSM-101 rendezvous radar overflight test data	1969
19690080126	Verification of the real-time computing complex entry processor for Apollo 9	1969
19690080139	Storage stability of synthetic lubricants	1969
19690080144	Stress fields around multiple inclusions	1969
19690080147	The foreign technology of solid propellants and their combustion	1969
19690080150	Compilation of low energy electron collision cross section data. Part 1 - Ionization, dissociative processes, and vibrational and rotational excitation	1969
19690080152	Translations on French nuclear, missile, space, and related military developments, no. 171	1969
19690080153	Translations on French nuclear, missile, space, and related military developments, no. 169	1969
19690080154	Double-base binder improvement Quarterly technical report, 1 Sep. - 30 Nov. 1968	1969
19690080156	Cost effectiveness analysis of military hydrocarbon fuel cell powerplant Interim technical report, 24 Jun. - 21 Nov. 1968	1969
19690080158	The hybrid patched conic technique applied to translunar and transearth trajectory propagation	1969
19690080164	The diameter requirements of donors for initiation of detonation in solid propellants /U/	1969
19690080166	Flight testing of phased array radar antenna /U/ Interim report	1969
19690080168	Evaluation of P4 display tube for AN/APQ-116 radar /U/ Final report	1969
19690080176	Integrated stores management systems design criteria for tactical fighter aircraft /U/ Technical report, Jan. - Oct. 1968	1969
19690080181	Quality control tests for NF chemicals and NF propellants /U/	1969
19690080196	Effect of fences, spoilers, and external stores on a variable-sweep tactical fighter model at supersonic speeds /U/	1969
19690080197	Experience with a charring-ablator heat shield on the X-15-2 airplane to Mach 6.7 /U/	1969
19690080210	Propellant selection for unmanned spacecraft propulsion systems, phase 2 Midterm status letter no. 4, 6 Sep. 1968 - 5 Jan. 1969	1969
19690080211	Mission F parameter sensitivity analysis - LM active phases Final report	1969
19690080212	Analysis of the Apollo descent propulsion system cascade pressurization tests	1969
19690080213	Apollo reentry simulation program ARS04 user's manual	1969
19690080214	Digital autopilot software verification test results summary for mission D - SUNDANCE and COLOSSUS 1A	1969
19690080215	Fluid dynamic aspects of cardiovascular behavior during vibration Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690080216	Apollo cislunar and lunar orbit attitude constraints	1969
19690080217	LM-3 final data analysis, task E-74 Final report	1969
19690080218	Final results of the supplemental testing and analysis of the SUNDANCE /revision 306/ flight program for the Apollo 9 mission	1969
19690080224	Detection of water in jet and Navy special fuels. Item 2 - Prototype instrumentation Final report, 21 Apr. 1966 - 1 Dec. 1968	1969
19690080233	Propulsion technology, monthly survey no. 8	1969
19690080250	Stress analysis of tape reinforced composites	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080259	Research and analysis in the general area of fluidic control systems Final report	1969
19690080260	Chemical strengthening of ceramic materials Summary report, 7 Apr. 1968 - 6 Jan. 1969	1969
19690080262	A study of real-gas effects on blunted cone flows Final report, Aug. 1966 - Jul. 1968	1969
19690080265	Apollo reference mission program. Six-degree-of-freedom guidance and control users manual. Volume 3 - Program descriptions and sample cases	1969
19690080268	High performance fuel cell Quarterly technical report, 1 Oct. - 31 Dec. 1968	1969
19690080272	Altitude performance of five United Technology Center Titan 2 translation motors having ages from 61 to 70 months Final report, 27 Sep. - 23 Oct. 1968	1969
19690080274	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report, 1 Oct. - 31 Dec. 1968	1969
19690080280	System analysis and design concept of a 150 KWe supercritical thermodynamic cycle power conversion module Conceptual design report, 28 Jun. 1968 - 27 Jan. 1969	1969
19690080281	Short VLF antenna study Final report, 18 Jan. - 18 Oct. 1968	1969
19690080285	Rapid near-optimal solution of large minimal cyclic routing problems Technical report, Jan. - Sep. 1968	1969
19690080300	Presizing of solid chemical agents using an ultrasonic field - A feasibility study	1969
19690080303	Evaluation of the performance of an F-104A aircraft with a J79-GE-19 Final report, 3 Aug. 1967 - 4 Jan. 1968	1969
19690080306	Measurement of erosive burning rates	1969
19690080307	Cold welding research, phase 1 Final report, May - Sep. 1968	1969
19690080308	Chemoelectric energy conversion for nonaqueous batteries and fuel cells Quarterly report, Jul. - Sep. 1968	1969
19690080320	Chemical Vapor Deposition /CVD/ barrel coating for refractory fasteners Interim technical report, 1 Oct. - 31 Dec. 1968	1969
19690080322	Inlet distortion investigation, upstream engine influence and screen simulation Final report	1969
19690080325	Silicon nitride manufacturing process Interim engineering progress report	1969
19690080327	Starting and acceleration evaluation of General Electric model J85-GE-2 engine Final report	1969
19690080328	Cathodochromic projection CRT Quarterly report, 13 Sep. - 12 Dec. 1968	1969
19690080329	Determination of the earth's figure	1969
19690080332	Research on hydrazine decomposition Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690080337	Stress-relief characteristics of HY-130 /5 percent Ni/ weld metal	1969
19690080342	Evaluation of tail effectiveness on configurations related to the stand-off clustered munition missile at transonic speeds Final report, 30 Sep. - 11 Oct. 1968	1969
19690080347	Study of spatial laser beam modulation and filtering to counteract undesired propagation effects Final report, Dec. 1966 - Oct. 1968	1969
19690080349	Aerothermodynamic characteristics of a multipurpose entry vehicle at Mach number 10 Final report, 17 Jul. - 13 Sep. 1968	1969
19690080350	Verona aircraft antenna pattern measurement range error analysis Final technical report, 8 Jan. - 30 Jul. 1968	1969
19690080352	Catadioptric image amplifier Final report	1969
19690080353	Effects of selective system parameters on communications intelligibility Final report	1969
19690080358	Evaluation of Low-Range Radio-Altitude /LRRA/ on C-123 aircraft Final report	1969
19690080369	Maintainability prediction by function Final report, 10 Feb. 1967 - 12 Aug. 1968	1969
19690080377	Telemetry development and test program Quarterly report, Oct. - Dec. 1968	1969
19690080378	Test and evaluation of Hunt aeroflo and Kodak MX 641-1 developer-replenishers Final report	1969
19690080382	Pitot-pressure surveys in conical nozzles with supersonic inlet conditions Final report	1969
19690080386	Transient response of a spherical elastic shell to plane underwater shock waves	1969
19690080395	Manufacturing techniques for controlled deposition and application of doped oxides Interim engineering progress report, 1 Sep. - 30 Nov. 1968	1969
19690080402	Investigation of combustion overpressure during ignition of the Apollo block 2 SPS engine, AJ10-137, phase 6, part 2 Final report, 27 May - 28 Jun. 1968	1969
19690080406	Translations on French nuclear, missile, space, and related military developments, no. 173	1969
19690080419	Translations on French nuclear, missile, space, and related military developments, no. 172	1969
19690080420	Japan science and technology, no. 49	1969
19690080430	Air minimum directional control speed and limited performance evaluation of a C-130A aircraft equipped with Hamilton standard four-blade propellers	1969
19690080432	Free-flight wind tunnel tests of Tomahawk and Sandhawk missile models at Mach number 8 Final report	1969
19690080433	Dispersion-strengthened metal structural development Interim technical report, 1 Nov. 1968 - 1 Feb. 1969	1969
19690080438	Development of Ku band low-noise dual output function traveling-wave tubes Final report	1969
19690080442	Comparison of optical versus laser device Final technical report, 26 Apr. - 14 Jun. 1968	1969
19690080443	Altitude performance of Minuteman Mark 11/11A reentry vehicle tumble motors having ages of 16 and 57 months Final report	1969
19690080447	Hydrogen bonding of organic compounds - A literature survey	1969
19690080449	Prototype production process for fabrication of wire and tubing by hydrostatic extrusion drawing Interim engineering progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690080452	Transmitter tube, 3.2 millimeter Triannual report no. 1, 1 Jul. - 31 Oct. 1968	1969
19690080458	Life tests on filter-separator elements Summary report, 1 Mar. 1965 - 1 Apr. 1966	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080461	Linear integrated circuits /field effect RF amplifier mixer integrated circuits/ Quarterly report, 8 Jul. - 7 Oct. 1968	1969
19690080464	On a local representation of the fine structure in the earth's gravitational field Technical report, Nov. 1967 - Jul. 1968	1969
19690080467	Development of composite structural materials for high temperature applications Final report, 18 Dec. 1967 - 18 Dec. 1968	1969
19690080469	Tetrahedron flow beam geometry for microwave tubes Triannual report number 7, 4 Feb. - 3 Jun. 1968	1969
19690080474	Cross-flow characteristics of variable- porosity perforated plates at Mach numbers from 0.9 to 1.2 Final report, 6 May - 20 Jun. 1968	1969
19690080479	Altitude performance of five Thiokol Chemical Corporation TE-345 Titan vernier solid-propellant rocket motors having ages ranging from 73 to 75 months Final report, 30 Oct. - 11 Nov. 1968	1969
19690080480	Input/output description for the GASHP preignition and powered landing guidance option	1969
19690080482	Polyferrocenylene cure processes Summary report, 1 Jun. 1967 - 31 May 1968	1969
19690080483	An investigation of the influence of cyclic prestressing on fatigue of metals Final report	1969
19690080484	Mission G parameter sensitivity analysis - LM active phases	1969
19690080486	Development of LP wave discrimination capability using LP strain instruments Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690080488	Development of a broadband, S-band amplifier for use in the signal processing test facility Quarterly technical report, 1 Jul. - 30 Sep. 1968	1969
19690080490	Analytic return-to-earth program - Moon reference. Volume 1 - User's manual	1969
19690080493	The effects of carrier induced displacement current on the response of a semiconductor avalanche	1969
19690080494	Small-particle collection efficiency of vertical cylinders in flows of low-intensity turbulence	1969
19690080495	Electronic control of laser beams Final report, 1 Apr. - 31 Dec. 1968	1969
19690080496	Mass-spectrometric studies of graphite vaporization at high temperatures Quarterly technical management report number 2, 1 Oct. - 31 Dec. 1968	1969
19690080500	Adsorption of polymers Semifinal report, Jul. 1967 - Sep. 1968	1969
19690080502	Test and evaluation of model 179AZ dry silver contact printer/processor and type 774 dry silver paper, 3M Company Final report	1969
19690080508	Qualification of MIL-L-23699A aircraft turbine engine candidate oil, Chevron jet engine oil 5 Final report, Mar. - Oct. 1968	1969
19690080512	Turbulent plane jet according to a simplified statistical theory	1969
19690080517	Test section temperature calibration of the AEDC PWT 16 ft. transonic tunnel at stagnation temperatures from minus 30 to 30 deg F	1969
19690080519	Study of spurious signal generation in microwave tubes Quarterly report, 9 Oct. - 1968 - 8 Jan. 1969	1969
19690080520	Separation characteristics of the SUU25B/A flare pod from the F-4 aircraft Final report, 21-30 Oct. 1968	1969
19690080521	Silver-zinc electrodes and separator research Quarterly technical progress report, 1 Oct. 1968 - 1 Jan. 1969	1969
19690080524	Resistance of a coated titanium alloy plate to stress corrosion cracking in sea water Progress report	1969
19690080526	Microwave generation from avalanche transit time diodes Quarterly report, 1 Jul. - 30 Sep. 1968	1969
19690080528	Technical evaluation of audio level test panel /contract N00600-67-c-1026/ Final report	1969
19690080531	An analysis of airblast loading of structures Technical report, Jan. 1965 - May 1968	1969
19690080532	Translations on French nuclear, missile, space, and related military developments, number 170	1969
19690080539	In-process control techniques for complex semiconductor structures. Task 2. The application of secondary electron spectroscopy Auger electron analysis to surface control program in the manufacturing of silicon devices Interim engineering progress report	1969
19690080542	Design, development, and fabrication of a Multi Sensor Screening View /MSSV/ Final technical report	1969
19690080545	Alcoholysis of the Merrifield-type peptide-polymer bond with an anion exchange resin	1969
19690080558	RUTOP Rutowski optimization computer program Final report	1969
19690080563	Honest John missile no. 574, round no. 581 AML /6 November 1968/ Meteorological data report	1969
19690080566	A study of currents in avalanching microwave diodes	1969
19690080574	Design of an array to excite individual normal modes in the bifi range Final report	1969
19690080579	Manufacturing methods for superior microwave acoustic transducers Interim engineering report, 1 Jul. - 1 Oct. 1968	1969
19690080584	Solrad solar X-ray and HF communications correlation study Final report, Feb. - Aug. 1968	1969
19690080585	Low-noise C-band transistor gain module Quarterly report, 1 Jul. - 30 Sep. 1968	1969
19690080588	Very High Frequency /VHF/ range-timing receiver, manual of operation	1969
19690080592	Short pulse model measurement study Final report	1969
19690080597	Long-period triaxial seismograph development Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690080603	The study of extrusion as a method for fabricating metal matrix composites	1969
19690080604	Manufacturing methods for superior microwave acoustic transducers Interim engineering report, 1 Oct. - 31 Dec. 1968	1969
19690080605	Broadband high burnout solid state integrated X-band limiter and balanced mixer Final report, 31 Jul. 1968 - 31 Jan. 1969	1969
19690080609	Honest John, missile no. 1865, round no. 582 RML /19 November 1968/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080610	Athena D-045, flight 106 /5 December 1968/, Athena 5-137D, flight 107 /5 December 1968/, and Athena 5-136D, flight 108 /6 December 1968/	1969
19690080611	Investigation of calibration stability of electronic multimeter AN/USM-116 Final report	1969
19690080613	Pulsed laser holography Final report, Nov. 1967 - Dec. 1968	1969
19690080621	Centaur autopilot system signal flow diagrams	1969
19690080625	Research on infrared optical materials Final technical report, May 1966 - Aug. 1968	1969
19690080629	Aerobee NASA 4.206 UG /9 January 1969/	1969
19690080630	Development of carbon seal wear test for gas turbine lubricant specification MIL-L-23699	1969
19690080633	Athena 5-118B, flight 109 /12 December 1968/	1969
19690080635	Aerobee NASA 4.178 UG /19 December 1968/	1969
19690080649	Optimization and trajectory report Status report, 1 Mar. 1968 - 1 Mar. 1969	1969
19690080653	Pressure regulator. Accessory Products Co. part number 1346X1040. NASA part number 75M 14575FPR-1. NCN 3138-4	1969
19690080654	Efforts on NASA grant Status report, Sep. 1968 - Mar. 1969	1969
19690080657	Paraformaldehyde for surface sterilization and detoxification	1969
19690080658	Performance of switch selection diversity for HF data modem application	1969
19690080660	Investigation of the basic foundation of masers and lasers Semiannual status report, 1 Jul. - 31 Dec. 1968	1969
19690080662	High power ferrite gas duplexer Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690080663	Wire list Geisha computer	1969
19690080664	Development of multivariate functional models Progress report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690080666	The application of a sequential orbit determination procedure	1969
19690080672	Nike-Apache DRS NASA 14.353 UA /14 December 1968/	1969
19690080673	Synthesis of a random variable having stationary or non-stationary statistics and its application to the problem of simulating ship motion	1969
19690080674	Grove Valve and Regulator Company pressure reducing regulator NASA part number 75M15235-FPR2	1969
19690080675	Hybrid simulator data management support, task E-74	1969
19690080677	Hypersonic aerospace-vehicle structures program. Volume 2 - Generalized mass properties analysis, part 1 Final report, 7 Mar. 1967 - 16 Aug. 1968	1969
19690080679	High-speed entry monitoring and backup control procedures for the Apollo 8 mission	1969
19690080680	Evidence for the development of adaptates and debilitates from environmental variations Progress report	1969
19690080681	The waviness of tail-rays in the Morehouse Comet 1908 III	1969
19690080685	Strength analysis of titanium reinforced with unidirectional boron epoxy	1969
19690080686	A guarded disk type sample emissometer	1969
19690080689	Conjugated diene polymers for solid propellants /U/	1969
19690080691	Radar ground backscatter recording program /U/ Final technical report, Jun. - Sep. 1968	1969
19690080693	Improved visual air to surface target marking rocket. Specific operational requirement /U/	1969
19690080695	RK8129 amplifier improvement program /U/ Interim development report, 1 Jul. 1966 - 1 Nov. 1968	1969
19690080696	Bonding agents and processing aids for HTPB propellants /U/	1969
19690080705	Inertial components reliability and population statistics, report 4	1969
19690080709	Influence of different fillers on the efficiency of soundproofing measures	1969
19690080714	Technical status report /U/ Report for Oct. - Dec. 1968	1969
19690080717	Evaluation of the Air Cushion Vehicle /ACV/ ensure 133/ /U/ Final report	1969
19690080718	Combustion tailoring criteria for solid propellants /U/ Technical report, 1 Oct. 1968 - 1 Jan. 1969	1969
19690080723	Development of an optimum fire extinguishment agent Final report	1969
19690080747	Project technical report, task E-45B, volume 1 Summary report	1969
19690080748	A program for the development of a computer resource sharing network	1969
19690080749	AC-119G aircraft limited performance and stability and control tests Final report	1969
19690080752	Ethyl acrylate-TVOPA propellant development /U/	1969
19690080754	Super power amplifier test and evaluation program QR871-B /U/ Final report, 1 Apr. 1966 - 31 May 1968	1969
19690080757	Fast burning composite propellants /U/	1969
19690080762	Ammonium perchlorate - Particle-size measurement and burning-rate correlation /U/	1969
19690080769	Dual mode electro-optical guidance analysis /U/	1969
19690080771	Magnetoplasmadynamic thruster research Final report, 17 Apr. 1967 - 15 Nov. 1968	1969
19690080772	Influence of bicycle ergometer exercise in the range of PWC 130 on the body temperature	1969
19690080781	Advanced radar reflector investigation Interim summary report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690080788	Effect of Stores on Static Stability, Performance, and Control of a Variable-Sweep Tactical Fighter Bomber Model	1969
19690080789	Effects of simulated damage on the stability and control characteristics of a delta-wing fighter airplane model at Mach numbers of 1.41 and 2.01 /U/	1969
19690080790	Aerodynamic characteristics of a modified missile model with trapezoidal wings and aft tail controls at Mach numbers of 2.50 to 4.63 /U/	1969
19690080791	Aerodynamic Characteristics of a Cruciform Winged Missile with Trailing-edge Controls at Mach Numbers from 1.60 to 4.63 /U/	1969
19690080792	Stability and Control Characteristics at Mach Numbers from 0.60 to 2.50 of a Delta-wing Fighter Airplane Model Having an Aft Horizontal Tail /U/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080795	Production engineering measure, CR-/XM-53/U quartz crystal units Quarterly report, Aug. - Oct. 1968	1969
19690080796	A-37A category 2 performance tests Final report, 9 Aug. 1967 - 9 Feb. 1968	1969
19690080798	Manufacturing methods report Technical report, 1 Nov. 1968 - 30 Jan. 1969	1969
19690080799	Simulated altitude performance of five Thiokol Chemical Corporation TE-344 Titan 2 retromotors having ages from 68 to 72 months Final report, 11-23 Dec. 1968	1969
19690080802	An investigation of diffuser operation in a vacuum environment Final report, Jan. - Nov. 1968	1969
19690080803	Effect of plasticizers on the strength of a plastic motor case. Part 2 - Extension at break of rings treated with plasticizer	1969
19690080804	Phase and amplitude fluctuations of a wholly refracted propagation path	1969
19690080810	Development of a small gas generator for driving a bistable fluidic valve /U/	1969
19690080826	Deactivation of bending mode of carbon dioxide by hydrogen and deuterium	1969
19690080829	Radiation from a dipole in the near zone of a conducting cylinder of finite length	1969
19690080830	Investigation of the augmented aerodynamic rolling moments generated by lateral jets emitted from fins on a reentry vehicle in a hypersonic stream Final report, 30 Sep. - 8 Oct. 1968	1969
19690080833	Polymeric hydrogen cyanide	1969
19690080835	Long-life cold cathode studies for crossed-field tubes Quarterly progress report, 15 Jul. - 15 Oct. 1968	1969
19690080837	Interference prediction model development - Probability scoring model for multiple interferers	1969
19690080839	Fatigue crack growth in perspective	1969
19690080840	Force tests on a separable-nose crew escape capsule in proximity to the parent fuselage with cold flow rocket plume simulation at Mach numbers 2 through 5 Final report, 30 Oct. 1967 - 28 Sep. 1968	1969
19690080846	Statistical analysis problem for pulse Frequency modulators Semiannual status report for period ending 1 Mar. 1969	1969
19690080847	Modification and repair of the ranging and tracking system Final report	1969
19690080848	Utilization of Saturn/Apollo control and checkout system for prelaunch checkout and launch operations	1969
19690080852	Qualification testing of MIL-L-23699A turbine engine lubricating candidate oil Drew Chemical Corporation formulation STO-21919A Final report, 12 Jul. - 1 Sep. 1968	1969
19690080857	A potentiostatic dezincification study Final technical note, Oct. 1967 - Jun. 1968	1969
19690080859	OV3-4 dose rate and proton spectral measurements Technical report, Oct. 1963 - Oct. 1968	1969
19690080860	UHF MOS integrated circuits Quarterly report, 1 Jul. - 30 Sep. 1968	1969
19690080863	The finite-element method for investigating edge effects in the High-Explosive Simulation Technique /HEST/, Project HEST test 5 Technical report, Jan. - Jun. 1968	1969
19690080864	Effects of bandpass nonlinearities on radar maps of point targets	1969
19690080866	R and D progress report for avionics components. L-band diblade antennas, Transco P/N 11D15100, 11D15200, 11D15300 Final report	1969
19690080870	Dynamic mechanical properties of filled polymers	1969
19690080872	Stresses in a pressurized ribbed cylindrical shell with a reinforced hole	1969
19690080873	Machinability parameters on new and selective aerospace materials Interim engineering progress report, 1 Oct. - 31 Dec. 1968	1969
19690080878	Development of a manufacturing process for fabricated diffusion bonded hollow blades Interim engineering progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690080879	Influence of geometric scaling on total emission from two-phase rocket exhaust jets at low altitudes Final report, Jan. 1966 - Dec. 1967	1969
19690080880	Dynamic testing of a development net cushioned helicopter crewseat Final report	1969
19690080883	Improved high-temperature solid film lubricants, part 2 Technical report, 1 Jun. 1967 - 1 Dec. 1968	1969
19690080886	Manufacturing methods for a 2-kW traveling wave tube Interim engineering progress report, 1 Sep. - 1 Dec. 1968	1969
19690080888	J52-P-6A engine, ground starting characteristics with smokeless combustion chambers and fuel nozzles	1969
19690080889	General study of optimum aerodynamic shapes in supersonic, hypersonic, and free-molecular flow Summary report	1969
19690080890	Radiation hardened power supply Technical report, Jun. 1968 - Jan. 1969	1969
19690080891	Free-flight wind tunnel test of Apache missile models at Mach number 8 Final report	1969
19690080892	Epitaxial ferrite memory planes Final report	1969
19690080893	High temperature hydrocarbon fuels research in an advanced aircraft fuel system simulator on fuel AFFB-10-67 Fuel series report number 3, 3 Oct. 1967 - 19 Nov. 1968	1969
19690080894	Some problems in the unsteady burning of solid propellants	1969
19690080896	Development of solvent-resistant sealants Final report, 1 Feb. 1968 - 31 Jan. 1969	1969
19690080897	Review of recent developments. Corrosion and compatibility	1969
19690080898	On the quenching of CO fluorescence by molecular hydrogen	1969
19690080900	Effects of intermittency on frequency spectra in the radar return from turbulent ionized wakes	1969
19690080901	OGO-F launch support	1969
19690080903	Metal-containing phosphonitrile polymers Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690080912	Fiber optics information processor Final development report, 15 Nov. 1966 - 14 Feb. 1969	1969
19690080915	Review of recent developments. Titanium and titanium alloys	1969
19690080917	Avalanche diode sources Interim technical report, 1 Jul. - 31 Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690080920	Interrelationships of vapor transmission rates, effusion parameters of porous media, and properties of effusing vapors	1969
19690080924	Test and evaluation of specialized material Quarterly report, 22 Nov. 1968 - 21 Feb. 1969	1969
19690080925	Large format UV image tube development Final report, Jul. 1965 - Aug. 1968	1969
19690080926	Optimum rendezvous, intercept, and injection	1969
19690080927	Technical evaluation of spectrum analyzer model 8552A/8553L Final report	1969
19690080929	Performance and environmental evaluation of T63 turboshaft engines Final report	1969
19690080930	Investigation of the effects of RF lobe characteristics on Tacan performance Final report	1969
19690080931	Human engineering evaluation and standardization /Relocation of cockpit pressure and altimeter in A-7A airplane/ Final report, 18 Oct. - 15 Dec. 1968	1969
19690080933	Exhalation valve studies Final report, Jan. - Nov. 1968	1969
19690080934	Results of AS-503 facilities and environmental measurements, volume 1	1969
19690080935	Results of AS-503 facilities and environmental measurements, volume 2	1969
19690080936	High-power transistorized linear amplifiers for sonar applications Final report	1969
19690080950	Error analysis of a Hover stabilization system for helicopters Research and development technical report	1969
19690080951	The problem of the adaptability to humid tropical environments of types of molding material used for electrical equipment	1969
19690080954	J79-GE-10 engine. Altitude performance evaluation	1969
19690080957	Atmospheric transport of radiation including abstracts of selected computer codes	1969
19690080958	The chances of topographic maps	1969
19690080960	Sampling tests of three missile target batteries, AQM-37A, manufactured by Yardney Electric Corporation	1969
19690080961	Optimum filtering of multiple stationary time series Final report	1969
19690080962	Evaluation of stationary optics panoramic camera	1969
19690080963	Latchup in dielectrically isolated integrated circuits Final report, Nov. 1967 - Dec. 1968	1969
19690080965	Product improvement program for Navy model H-2 hydraulic engine starter Final engineering report, 1 May - 31 Dec. 1968	1969
19690080966	Interim user's guide /2nd/ for titanium alloy hull material	1969
19690080967	Remote area landing system	1969
19690080969	Projects 1 to 4 of a basic study of the sliding contacts in rolling bearings Final summary report, 16 Apr. 1964 - 28 Feb. 1969	1969
19690080970	Application of integrated-circuit RF-IF amplifier, Motorola, Incorporated no. MC 1550	1969
19690080971	Articles dealing with the International Surveyor Congress /12th/ held in London, September 1968	1969
19690080972	Heat conduction and stress analysis of solid propellant rocket motor nozzles	1969
19690080978	Polymer fractionation	1969
19690080980	Water ingestion tests of the Pratt and Whitney Aircraft TF30-P-8 turbofan engine Final report	1969
19690080981	Development of a speech amplifier system for protective masks Quarterly progress report, Jul. - Sep. 1968	1969
19690080983	Color tone reproduction. Part 2 - Practice manual Final technical report	1969
19690080988	Applications of electroanalytical techniques to biochemistry and clinical chemistry Annual progress report, 1 Jun. 1968 - 31 May 1969	1969
19690080989	An experimental method for locating streamtubes in a free jet expansion to near vacuum Final report, Jan. - Nov. 1968	1969
19690080996	Test and evaluation of Leicaflex SL camera and lenses Elmarit-R 35mm f/2.8, Summicron-R 50mm f/2, Elmarit-R 90mm f/2.8, Elmarit-R 135mm f/2.8, and Elmarit-R 180mm f/2.8 Final technical report	1969
19690081000	Evolution in close binary systems. 1 - Exchange of mass before and after the end of central hydrogen burning	1969
19690081002	Research on the mechanism of the Zn sup 2 plus inhibition on the synthesis induced by oxygen of the respiratory system of yeast	1969
19690081003	The effect of plasma waves on the reflectivity of metals /I/	1969
19690081004	Propagation and dispersion of hydromagnetic and ion cyclotron waves in plasmas immersed in magnetic fields Semiannual status report, 15 Jul. 1968 - 14 Jan. 1969	1969
19690081005	Development of an air mass dead reckoning set for light Army aircraft standard navigation computer	1969
19690081009	Study of noise in semiconductor devices Semiannual technical report, 16 Mar. - 15 Sep. 1968	1969
19690081018	Microwave solid state delay line development /U/ Interim development report, 15 Aug. - 15 Nov. 1968	1969
19690081033	Lifting reentry test vehicle preliminary designs for FDL-7MC and FDL-4MA configurations. Volume 3. Growth test vehicle design and analyses FDL-7MC /U/ Final report, Jul. 1966 - Mar. 1968	1969
19690081034	Lifting reentry test vehicle preliminary designs for FDL-7MC and FDL-5MA configurations. Volume 4. Configuration evolution, design approach investigations and supporting analyses /U/ Final report, Jul. 1966 - Mar. 1968	1969
19690081035	Lifting reentry test vehicle preliminary designs for FDL-7MC and FDL-5MA configurations. Volume 5. FDL-7MA aerodynamic test data /U/ Final report, Jul. 1966 - Mar. 1968	1969
19690081036	Lifting reentry test vehicle preliminary designs for FDL-7MC and FDL-5MA configurations. Volume 6. FDL-7MC thermodynamic test data /U/ Final report, Jul. 1966 - Mar. 1968	1969
19690081038	Active delay investigations /U/ Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081039	Bottom bounce sonar signal characteristics and target classification /U/ Final report, 12 Apr. - 12 Nov. 1968	1969
19690081041	Dual beam MTI radar technique /U/ Final report, Sep. 1967 - Aug. 1968	1969
19690081046	Studies of development of stress response mechanisms Progress report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690081047	Translations on French nuclear, missile, space, and related military developments, no. 174	1969
19690081048	Morphologic alterations of jejunal mucosa of rhesus monkeys whole-body irradiated with 2.3 BeV protons Final progress report, 1 Feb. 1966 - 31 Jan. 1969	1969
19690081057	Development and technology technical programs review, fiscal year 1968 /U/	1969
19690081066	Energetic oxidizer manufacturing process for advanced solid propellants /U/ Final report, Jul. 1965 - Feb. 1968	1969
19690081067	Rocket propellant program, propellants laboratory /U/ Technical status report, Oct. - Dec. 1968	1969
19690081069	Lifting reentry test vehicle preliminary designs for FDL-7MC and FDL-5MA configurations. Volume 1. Summary /U/ Final report, Jul. 1966 - Mar. 1968	1969
19690081070	Lifting reentry test vehicle preliminary designs for FDL-7MC and FDL-5MA configurations. Volume 2. Aerodynamic and aerothermodynamic characteristics and performance of the FDL-7MC configuration /U/ Final report, Jul. 1966 - Mar. 1968	1969
19690081072	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690081073	Stress corrosion cracking of titanium alloys at ambient temperature in aqueous solutions Quarterly report, Jan. - Mar. 1969	1969
19690081075	Improvement of propellor static thrust estimation Status report, 1 May - 31 Oct. 1968	1969
19690081106	Research and technology briefs, no. 3	1969
19690081107	Lightning electrical hazards to flight vehicles	1969
19690081108	The Trailblazer model - A Stretch computer program for the simulation of a modified point mass ballistic trajectory	1969
19690081111	Large scale integration computer design	1969
19690081114	Magneto-optical input/output equipment with memory Final report, Jul. 1967 - Jan. 1969	1969
19690081115	Position by satellite	1969
19690081116	Official high-low temperature qualification test of a Pratt and Whitney aircraft TF30-P-8 turbofan engine at sea level static conditions Final report	1969
19690081117	Network of base gravity stations in the Mexican Republic	1969
19690081119	Flash electron radiation effects on ferrites	1969
19690081120	Distortion and quantizing noise measurements of PCM multiplexer TD-354 using the slot filter method	1969
19690081122	Theoretical spin study in a model aircraft with high and low set stabilizers	1969
19690081123	Gamma spectrum feasibility Final project officers report	1969
19690081127	Pressure measurements in the near field of a three dimensional delta wing model Final report, 6 Nov. - 9 Dec. 1968	1969
19690081130	Effects of various afterbodies on the aerodynamic characteristics of a general missile configuration Final report, 30 Oct. - 18 Dec. 1968	1969
19690081131	Environmental tests of a time-base generator	1969
19690081132	Technique for the statistical analysis of reverberation	1969
19690081134	Laboratory test of Bell model 9 accelerometer Final report, 21 Dec. 1967 - 19 Aug. 1968	1969
19690081135	Accelerated service testing of the model J52-P-8A engine including smoke abatement hardware Interim report, 29 Jul. - 10 Dec. 1968	1969
19690081137	Transducer test and evaluation techniques Final report, 1 Jan. 1965 - 31 Dec. 1968	1969
19690081138	An optimum approach to detection of signals of unknown characteristics Final report, Dec. 1968 - Feb. 1969	1969
19690081140	Membrane cracking in metal space frame radomes	1969
19690081141	Phased array radar experimental design study Final engineering report, 1 Jul. 1968 - 31 Jan. 1969	1969
19690081142	Relational data file - Input to an experimental file on Soviet cybernetics	1969
19690081156	Microwave radiation from very short samples of indium antimonide Interim technical report	1969
19690081158	Optical image processor Final report, 30 Aug. 1967 - 29 Feb. 1968	1969
19690081160	Advanced electron optics Interim technical report, 1 Jul. - 31 Oct. 1968	1969
19690081162	Production engineering measure for subminiature feed-thru ceramic dielectric capacitors Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690081165	Surface integrity of machined structural components Interim engineering progress report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690081169	Techniques for integrating solid state circuitry into antennas Final report, 1 Dec. 1965 - 20 Jan. 1969	1969
19690081173	The thermal design of the Timation 1 satellite Interim report	1969
19690081174	Electron impact ionization cross sections Annual progress report, 1 Aug. 1967 - 1 Aug. 1968	1969
19690081175	Aliasing effect of neglected gravity coefficients on accuracy of orbit computation	1969
19690081176	Organic depolarized cells utilizing meta-dinitrobenzene Final report, 1 Oct. 1967 - 15 Nov. 1968	1969
19690081177	Burner/boiler module Final technical report	1969
19690081179	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 8 Oct. 1968 - 8 Jan. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081181	Application of digital computer techniques to ultrasound imaging	1969
19690081182	Development of a bearing support deposit test Technical report 1 Jan. 1967 - 1 Jun. 1968	1969
19690081183	Tactical navigation satellite system study Final report, 15 Jun. 1966 - 15 Jun. 1967	1969
19690081184	Problems, present status and development of chemical analysis of the synthesis of epoxy compounds and resins	1969
19690081185	Guide for programming CDC 3200 computer for plotting on Calcomp 780 magnetic tape plotting system	1969
19690081190	Report of metallurgical analysis of failure of locknuts P/N FN22M-820 from transmission of a CH-46 aircraft	1969
19690081191	Altitude tests of two United Technology Center subscale Titan 3-M booster motors for determination of thrust vector control performance /Motors 01 and 02/ Interim report	1969
19690081197	Effect of elevated temperature storage in Freon 113 on tensile and seal strengths of Phillips Joanna polyethylene and Tyvek	1969
19690081199	Yield and brittle failure of unidirectional composites under uniaxial tension	1969
19690081201	Fabrication investigations and biaxial compressive fatigue and creep evaluation of the ERL-4617 preimpregnated fiberglass composite system	1969
19690081202	The evaluation of rhenium resistors Final report	1969
19690081204	NMR mixers and modulators Final report, 1 Aug. 1967 - 30 Sep. 1968	1969
19690081205	An electromagnetic technique for measuring particle velocity in shock waves	1969
19690081206	Research to determine the effects of surface catalycity on materials behavior in dissociated gas streams Quarterly progress report	1969
19690081211	Second test and evaluation of Graflex XL camera Final technical report	1969
19690081212	Cathodic protection of 17-4 PH stainless steel in seawater with reference to hydrofoil craft Research and development report	1969
19690081213	High temperature laminates BTDA cured Final report	1969
19690081214	Life tests performance of Kearfott gyroflex two-degree-of-freedom gyroscope S/N 113	1969
19690081216	Airborne communications via the DATS satellite relay Final technical report, 1 Feb. 1967 - 31 Oct. 1968	1969
19690081218	Establishing production capability for mass producing BA-4386 // PRC-25 batteries using the Balaguer reverse-electrode cell construction of US Patent 2,903,499 Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690081223	Simplified shell analysis /edge and interior influence coefficients for pressure vessels with spherical cap/	1969
19690081224	Advanced array research Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690081227	Metallic corrosion in the deep-ocean environment, six months at 2,340 feet	1969
19690081233	IGMTC technical data file. Volume 1 - Effort summary Final report, 29 Jan. - 31 Dec. 1968	1969
19690081234	IGMTC technical data file. Volume 2 - Data file index Final report, 29 Jan. - 31 Dec. 1968	1969
19690081235	Light duty X-ray for explosive ordnance disposal Final report	1969
19690081236	An optical frequency propagation technique for measuring fine scale structure in the turbulent atmosphere	1969
19690081237	A laboratory study of the perturbed upper atmosphere Annual report, 1 Sep. 1966 - 1 Aug. 1967	1969
19690081238	A fluidic pneumatic-hydraulic interface module Final report, 27 Jun. - 30 Nov. 1968	1969
19690081243	Application of VARI-L Company, Incorporated. "MITE"-series current- controlled inductors Phase report	1969
19690081245	Area spectral scanning modulation studies Quarterly progress report, Nov. 1968 - Jan. 1969	1969
19690081246	Metal-infiltrated tungsten rocket nozzle inserts for multiple firings Quarterly report, 1 Nov. 1968 - 21 Jan. 1969	1969
19690081248	Rare earth trifluoride and mixed rare earth/alkaline earth fluoride laser materials Final technical report, 1 Nov. 1967 - 31 Oct. 1968	1969
19690081249	Ultrasonic phase angle measurements of compressional wave velocities in liquids Technical report, 1 Jun. 1968 - 20 Feb. 1969	1969
19690081251	Limited category 2/3 evaluation of the map RF-5A photoreconnaissance system Final report	1969
19690081252	The gravity field of the moon	1969
19690081253	The radiation response of tissue equivalent dosimetry systems to 60 MeV proton beams Technical report, Jan. 1966 - Jun. 1968	1969
19690081254	Simulated air-to-surface tow tests with the CH-3E helicopter Final technical report	1969
19690081255	Propulsion technology - Monthly survey no. 9	1969
19690081256	Two-stream instabilities in solids Final technical report, 1 Nov. 1967 - 31 Oct. 1968	1969
19690081257	Low-cost read-only memory Final technical report, Jun. 1967 - Dec. 1968	1969
19690081259	Microwave solid-state device studies Quarterly progress report, 1 Sep. - 1 Dec. 1968	1969
19690081260	Rheology of rod-like particles in viscous media. Part 1 - Formation of composites from single fibers	1969
19690081261	A concept for editing timing information	1969
19690081262	Manufacturing methods for form rolling close tolerance shapes of superalloys Interim engineering report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081263	High power L band source Interim report, 1 Mar. - 30 Oct. 1968	1969
19690081264	A method for determination of atmospheric refraction characteristics through use of navigational satellite data	1969
19690081266	Vacuum testing of a spin-deployed hypersonic decelerator /Rotornet/ Final report	1969
19690081269	Prediction of transient thermal stresses in air-cooled turbine buckets. Part 1. Transient stress evaluation of cooled turbine buckets /TSECTS/ Final report, 15 Apr. - 15 Dec. 1968	1969
19690081270	Microstrip circuit designs Final technical report, May 1967 - Nov. 1968	1969
19690081273	Research on new materials for electroluminescence Final report, 1 Nov. 1967 - 31 Oct. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081274	Ku band pulse power amplifier Quarterly report, 1 Sep. - 30 Dec. 1968	1969
19690081276	Regenerative heat sinks for cooling airborne electronic equipment	1969
19690081278	LI-C12 battery power source Interim technical report	1969
19690081279	Aerobee NASA 4.266 DG /30 January 1969/ Meteorological data report	1969
19690081285	High efficiency octave bandwidth traveling wave tube Interim report, 1 Jul. - 30 Sep. 1968	1969
19690081286	The deactivation of vibrationally excited carbon dioxide ν_3 by collisions with carbon dioxide or with nitrogen Research report	1969
19690081288	Beryllium wire - Metal matrix composites program Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081294	Tube failure mechanisms Quarterly report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081295	Effects of plant growth hormones on plant development in the absence of gravitational effects Semiannual report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690081299	A program to investigate the feasibility of utilizing the oculometer measurement technique in the photointerpretation task Final technical report	1969
19690081302	Usage of titanium and its compounds with comments on scrap and sponge Annual report	1969
19690081303	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen Quarterly progress report, for period ending 31 Mar. 1969	1969
19690081304	Low gravity propellant control using capillary devices in large scale cryogenic vehicles Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690081306	Research on laser balancing of rotating turbine components Interim technical report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081307	Survey of vibrational relaxation data for atmospheric molecular constituents	1969
19690081308	Magnetic systems at low temperatures Final report	1969
19690081314	Theoretical study of charge exchange cross sections Technical report, 16 Jun. 1967 - 20 Aug. 1968	1969
19690081316	Air cushion landing gear for aircraft Final technical report, Jul. 1967 - Jun. 1968	1969
19690081317	White Sands Missile Range climatology no. 3. Apache site, WSMR	1969
19690081318	The effect of aspect ratio on the fatigue life of short boron fiber reinforced composites	1969
19690081319	Dynamically loaded circular composite slabs, phase 2, Project Hercules Technical report, Jan. - Apr. 1968	1969
19690081322	Advanced injectors for space storable propellants Semiformal quarterly report, 1 Jan. - 1 Apr. 1969	1969
19690081326	Correlation between solid propellant mechanical properties and explosion effects Final report, 1 Nov. 1967 - 31 Oct. 1968	1969
19690081331	Ultrasonic velocity and attenuation in KH sub 2 PO sub 4	1969
19690081333	Investigation of the effects of various nozzle transition arc radius ratios Final report, 1 Jun. - 30 Nov. 1968	1969
19690081335	Study of hydrazine reactor vacuum start characteristics Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081337	Detailed test objectives for improved Delta launch vehicle, spacecraft - IMP-G	1969
19690081338	Infrared absorption of carbon monoxide at high temperatures Final report	1969
19690081339	Radar parametric analysis. Part 2 - A two-step procedure for radar target identification using correlated sequential detection Final technical report	1969
19690081340	Possible resonance experiments with long-lived nuclear isomers	1969
19690081342	Wave phenomena in hypergolic propellant combustion Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690081344	Integrated high-frequency antenna system baseline study Final engineering report, 19 Jun. - 22 Dec. 1968	1969
19690081347	Generalized model analysis of integrated circuit vulnerability /formerly generalized model for semiconductor radiation response prediction/ Quarterly report, 1 Aug. - 31 Oct. 1968	1969
19690081348	High-modulus glasses based on ceramic oxides Final report, Mar. - Feb. 1968	1969
19690081349	Evaluation of the Ling-Temco-Vought air combat simulator Final report	1969
19690081350	A user's guide for OLDAS - An On-Line Digital Analog Simulator	1969
19690081351	Athena B-038, flight 112 /23 January 1969/ Meteorological data report	1969
19690081352	Athena 5-145D, flight 110 /16 January 1969/ and Athena 5-140D, flight 111 /16 January 1969/ Meteorological data report	1969
19690081354	Launch window analysis of highly eccentric orbits Semiannual report, 1 May - 1 Dec. 1968	1969
19690081356	The Cagnaird method for investigating edge effects in the High-Explosive Simulation Technique /HEST/, Project HEST test report, January - June 1968	1969
19690081357	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Sep. - 20 Dec. 1968	1969
19690081360	A resource allocation model	1969
19690081361	Integrated circuit techniques for visible light emitting diodes radar display system Quarterly report, 1 Aug. - 31 Oct. 1968	1969
19690081363	Determination of increased aircraft performance by application of composite materials technology application study, volume 4 Final report, 1 May - 31 Oct. 1968	1969
19690081364	Determination of increased aircraft performance by application of composite materials technology application study, volume 2 Final report, 1 May - 31 Oct. 1968	1969
19690081365	Determination of increased aircraft performance by application of composite materials technology application study, volume 1 Final report, 1 May - 31 Oct. 1968	1969
19690081366	Signal processing investigation computer programs documentation Final technical report, Sep. 1967 - Sep. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081367	APCSE program, type 8, volume 1 Final technical report, Dec. 1967 - Jan. 1969	1969
19690081368	APCSE program, type 8, volume 2. Appendices Final technical report, Dec. 1967 - Jan. 1969	1969
19690081375	Burning properties of active binder propellant II petrin acrylate /U/	1969
19690081376	Advance maneuvering propulsion technology program /U/ Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081378	IRIA annotated bibliography of infrared literature. Volume 12, number 4 /Cumulative/ /U/	1969
19690081383	Development and demonstration of ablative thrust chamber assemblies using Lf2/n2h4 blend propellants /U/ Final report, 1 Sep. 1966 - 19 Aug. 1968	1969
19690081384	AN/USD-5 XE-2 drone booster /U/	1969
19690081389	Verification of the Real-time Computing Complex Guidance Entry Program for Apollo 10	1969
19690081391	Evaluation of a dual landing light system for A-7D aircraft Final report, 15 Aug. - 28 Nov. 1968	1969
19690081393	Tensile characteristics of discontinuous unidirectional glass-epoxy composites	1969
19690081395	Petroleum availability analyses and properties of distillate fuels from United States and foreign crude oils, 1968 /U/ Annual report	1969
19690081396	Packaged Liquid Air Augmented Rocket /PLAAR/ /U/ Quarterly progress report, 28 Sep. - 31 Dec. 1968	1969
19690081398	Wind tunnel tests of a two-thirds scale NASA HRE inlet at Mach numbers 4, 5, 6, and 8 /U/ Final report, 28 Mar. - 18 Sep. 1968	1969
19690081401	Combustion mechanism of high burning rate solid propellants /U/ Final technical report, 15 Nov. 1966 - 30 Jan. 1969	1969
19690081403	Air Force reusable rocket engine program XLR129-P-1, volume 1 /U/ Annual report, 6 Nov. 1967 - 6 Nov. 1968	1969
19690081404	Air Force reusable rocket engine program XLR129-P-1, volume 2 /U/ Annual report, 6 Nov. 1967 - 6 Nov. 1968	1969
19690081405	Air Force reusable rocket engine program XLR129-P-1, volume 3 /U/ Annual report, 6 Nov. 1967 - Nov. 1968	1969
19690081408	Second surveillance evaluation of Air Force-held liquid Bullpup engine LR58-RM-4 /U/	1969
19690081413	Storable liquid oxidizer /U/ Quarterly interim report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081414	Burning rate promoters for propellant binder systems /U/	1969
19690081415	Chemical blanking - Process and tooling development for aluminum and titanium parts	1969
19690081416	Analysis of mission D rendezvous radar AGC fluctuation	1969
19690081417	One-Man Lunar Flying Vehicle Study - Midterm Review	1969
19690081419	Apollo 8, CSM 103, service propulsion system, final flight evaluation	1969
19690081420	Earth-centered analytic abort program document. Volume 2 - Flow charts	1969
19690081421	Development and application of light activated silicon switches Quarterly report, 3 Nov. 1968 - 3 Feb. 1969	1969
19690081434	Noise and intermodulation in the ionospheric sounder receiver for the Alouette and Isis satellites	1969
19690081435	Flight control system diagnostics for high performance aircraft	1969
19690081436	Final parameter sensitivity analysis report, CSM-mission F	1969
19690081437	Description of full data plots for the Pioneer 8 electric field experiment	1969
19690081438	Explorer 35 observations of the solar wind moon interaction	1969
19690081439	Study on thin electrode fuel cells Quarterly report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081440	Evaluation and development of television tubes for space astronomy Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690081446	New high-density amine fuels /U/ Final technical report, 3 May 1968 - 3 Jan. 1969	1969
19690081448	Stability and control characteristics at Mach 0.60 to 2.01 of a fighter model with twisted and cambered swept wing and aft horizontal tail /U/	1969
19690081449	Effect of nozzle total pressure and base bleed on the stability characteristics of a sting-supported truncated plug nozzle /U/	1969
19690081450	A review of liquid propellants /U/	1969
19690081457	Performance of RPG-7 /U/	1969
19690081461	Acoustic simulation of Apollo radar cross section using 1/48 plastic model	1969
19690081474	Integrated motor, feasibility demonstration /zoning of solid propellant motors by selectable impulse/ /U/ Final technical report, 23 Jun. 1966 - 27 Jul. 1968	1969
19690081479	Thrust control exploratory development /U/ Final report, 1 Apr. 1968 - 7 Feb. 1969	1969
19690081481	All solid propellant post boost propulsion system design and demonstration /U/ Final report, Feb. 1967 - Dec. 1968	1969
19690081484	Supersonic chemical propulsion feasibility flight demonstration from a low altitude short range missile. Volume 2 - Propulsion system design and development. Part 3 - Propulsion system ground test transient evaluations F report, 18 Aug. 1967 - 1 Mar. 1968	1969
19690081485	Supersonic chemical propulsion feasibility flight demonstration for a low altitude short range missile. Volume 7 - Propulsion system advanced technology studies /U/ Final report, 15 Jun. - 31 Dec. 1967	1969
19690081547	Compatibility data sheets for Ce-144, Cs-137, Cm, and Sr-90 /U/	1969
19690081554	Airborne search radar design study input data /U/	1969
19690081555	Analysis of Apollo spacecraft parachutes Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690081556	Star/horizon measurements for on-board spacecraft navigation	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081563	Solar wind research Semiannual report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690081564	Translations on French nuclear, missile, space, and related military developments, no. 176	1969
19690081571	Principles of circadian rhythms in men, studied by the effects of a weak alternating electric field	1969
19690081572	The rotation of the sun	1969
19690081574	Application of nitrogen metabolism in autotrophic bacteria to chemosynthetic bioregeneration in space missions, 1 Oct. 1968 - 1 Apr. 1969	1969
19690081576	Production engineering measure for subminiature, high reliability ceramic capacitors Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690081580	One-man lunar flying vehicle study contract, mid-term review	1969
19690081586	Feasibility of a gallium arsenide Schottky barrier gate field-effect transistor Final technical report, 6 Nov. 1967 - 5 Nov. 1968	1969
19690081587	Nike-Hydac STV75, SR-06 /14 January 1969/ Meteorological data report	1969
19690081588	Propeller product support program, 1968 Final engineering report, 1 Jan. - 31 Dec. 1968	1969
19690081592	LM steerable antenna look angle conversions	1969
19690081593	Experimental investigation of LR tracker performance	1969
19690081594	Tracking of missiles and space vehicles Surveys of foreign scientific and technical literature	1969
19690081595	Airplane and systems configurations developed for the noise abatement landing approach task, phase 3 Final report	1969
19690081596	Preliminary plans and strategy - 1970 balloon flight, supplement Quarterly report, Jan. - Mar. 1969	1969
19690081598	Geographic and selenographic coordinate transformation program	1969
19690081601	Honest John missile no. 573, round no. 584 AML /21 January 1969/ Meteorological data report	1969
19690081602	Lance 06502 missile no. 1103, round no. 63 /22 January 1969/ Meteorological data report	1969
19690081606	Lunar rendezvous multipath study	1969
19690081607	Analysis of CSM-101 rendezvous radar overflight test data	1969
19690081608	Statistical Navigation Analysis Program /SNAP/. Volume 3. Programmers guide	1969
19690081611	Apollo 8 guidance, navigation and control system performance analysis Final report	1969
19690081615	Linear high power C band amplifier Annual report, 6 Jun. 1967 - 6 Aug. 1968	1969
19690081616	Lance 06302 missile no. 1106, round no. 64 RML /27 January 1969/ Meteorological data report	1969
19690081623	LM and CSM S-band antenna tracking studies. Linear interchangeability study of the CSM HGA tracking system	1969
19690081624	Utilization of Launch Complex 39 to launch Saturn IB/CSM Final technical report	1969
19690081625	Investigation of the effects of thermal and chemical non-equilibrium on combustion in supersonic streams Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690081627	R&D evaluation of a lightweight, high strength magnesium alloy Quarterly report, 1 Nov. 1968 - 1 Feb. 1969	1969
19690081628	Methyl bromide as an aid to ethylene oxide sterilization	1969
19690081629	Metallurgy research at the Central Electricity Research Laboratories	1969
19690081630	Pressure measurements in the near field of three supersonic two-dimensional wing-jet configurations Final report, 3-18 Oct. 1968	1969
19690081633	The energy budget and climatological description of the atmosphere over the Florida peninsula when a convective regime dominates Final report	1969
19690081634	Evaluation of audio frequency transformers, APN 11150084 and 11150085	1969
19690081635	Silicon integrated circuits for airborne and portable radars Quarterly report, 27 Aug. - 26 Nov. 1968	1969
19690081636	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081637	Theoretical estimation and implementation of signal-to-noise ratio improvement Advanced array research special report no. 2	1969
19690081638	Master storage and control unit Final technical report, 25 Jan. 1967 - 18 Oct. 1968	1969
19690081639	HF antenna optimization study Final technical report, Oct. 1966 - Oct. 1968	1969
19690081640	The convergence of numerical solutions of hydrodynamic shock problems Technical report, May 1968 - Jan. 1969	1969
19690081641	Computer program documentation and operator for the ACDTR support programming system Final report, 18 Dec. 1967 - 15 Dec. 1968	1969
19690081642	D/A converter model 1976-2T	1969
19690081643	Investigation of rotary actuation technique Quarterly technical report, 3 Oct. 1968 - 3 Jan. 1969	1969
19690081644	Analytical and experimental investigations of oscillations in rocket motor baffle cavities	1969
19690081645	Charged particle electrostatic thrusters Technical report, 15 Aug. 1967 - 15 Dec. 1968	1969
19690081646	The effect of layering on the Freon 113 and water transmission rates of macroporous media	1969
19690081647	Failure mechanism study of gold-doped planar diodes	1969
19690081650	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690081651	Range operations control center data buffer model 1930-4A	1969
19690081652	Density and strength characteristics of colored smoke pellets Technical report, Feb. - May 1968	1969
19690081654	Study of generalized, lumped transistor models for use with SCEPTRE Technical report, 1 Aug. 1967 - 1 Jul. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081655	Remote data and drone control system model 1930-1A	1969
19690081656	Data line terminal model 1930-6A	1969
19690081659	UH-1F helicopter air inlet filter evaluation	1969
19690081660	BQR-2B system automatic threshold set Final report	1969
19690081663	VHF/FM skid antenna Quarterly progress report, 7 Oct. - 20 Dec. 1968	1969
19690081668	Silicon on sapphire bipolar study Final report, 11 Jan. 1968 - 10 Jan. 1969	1969
19690081669	Corrosion cracking of metallic materials Final technical report, 1 Jul. 1967 - 30 Oct. 1968	1969
19690081670	Despun Antenna Test Satellite /DATS/	1969
19690081671	Honest John /03702/ missile no. 415, round no. 568 AML /4 February 1969/ Meteorological data report	1969
19690081672	The Pennsylvania-Princeton-Army avionics research program. Pennsylvania tasks, formation flight task, formation flight simulation	1969
19690081673	Development of improved cutting tool materials /carbide-steel diffusion studies/ Interim report	1969
19690081674	First article testing of electronic voltmeter ME-6D/U /Contract N0039-68-C-1546/ Final report	1969
19690081676	Honest John missile no. 2305, round no. 583 RML /20 January 1969/ Meteorological data report	1969
19690081677	Honest John missile no. 4439, round no. 585 RGL /3 February 1969/ Meteorological data report	1969
19690081679	Study of coaxial cables in the radiation environment Final report, 28 Dec. 1967 - 27 Aug. 1968	1969
19690081682	Reviews of Rolls-Royce Small Engine Division and RR 360-07 two spool gas turbine	1969
19690081685	Weapon separation data acquisition system feasibility study Final technical report, May - Nov. 1968	1969
19690081688	Wideband magnetoelastic frequency - Selective limiter for VHF Final technical report, 1 Jul. - 31 Dec. 1968	1969
19690081690	Design, construction and testing of a vibration isolation module Final report, 1 Jun. 1967 - 30 Jun. 1967	1969
19690081691	Annual review of type-life programs - Fiscal year 1968	1969
19690081692	Colossus 2 TVC DAP simulation results	1969
19690081693	The Balmer lines in early type stars	1969
19690081694	Flow molding of discontinuous fiber reinforced plastics	1969
19690081696	UH-1F hover compressibility test Final technical report	1969
19690081698	A software system for control of the fast Fourier transform in spectral analysis, including aperture weighting and display Final technical report, Aug. 1967 - May 1968	1969
19690081700	A flow parameter for granular compounds Technical report, Jan. - Jun. 1968	1969
19690081701	Development of improved C-18 gas/aerosol filter media Quarterly progress report, 24 Sep. - 23 Dec. 1968	1969
19690081702	Phased array experimental design study Final report	1969
19690081705	Principles and theory of operation of hydraulic systems	1969
19690081706	Solid state electronic techniques Technical summary report, 1 Jul. 1967 - 1 Jul. 1968	1969
19690081707	Powder metallurgy production of structural shapes Quarterly report, 19 Dec. 1968 - 18 Mar. 1969	1969
19690081709	Fuel tank explosion protection	1969
19690081711	S-band and X-band Schottky barrier diode manufacturing methods Final report, 1 Jan. 1967 - Sep. 1968	1969
19690081712	Wind tunnel flutter tests on spinning 65 deg half-angle cloth cones at Mach 6	1969
19690081713	A comparison of two mathematical models for a projectile trajectory	1969
19690081714	Long life stable zinc electrodes for alkaline secondary batteries Quarterly technical progress report, 1 Jun. - 31 Aug. 1968	1969
19690081718	A feasibility study for and the production of perforated hollow plastic spheres Technical report, 1 Feb. - 30 Sep. 1968	1969
19690081719	Neutron transport in non-uniform air by Monte Carlo calculation, volume 1 Final report	1969
19690081720	M555 software development processor Final report	1969
19690081721	Fisher exact probability test	1969
19690081722	Airfield pavement evaluation, USNAS Imperial Beach, California	1969
19690081724	Report of the Mount Haleakala Observatory - Preliminary radiometric sky-background measurements	1969
19690081728	Review of recent developments - Metals joining	1969
19690081730	An analysis of the behavior of the HE sub 11 mode ferrite tube antenna Interim report, Apr. - Nov. 1968	1969
19690081731	Radiation transport computer Final report, Nov. 1966 - Aug. 1968	1969
19690081734	Modulation techniques for intra-base communications Final report	1969
19690081736	Thermal dissociation of HF. Part 2 - Dissociation behind identical shock waves using IR emission	1969
19690081737	Microwave research Quarterly status report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081738	ARPA summary report for 1968 - Missile phenomenology studies Final report	1969
19690081739	Aerial target telemetry data replay system - Display board on ground shows ground-control commands and target aircraft response in real time and for tape playback	1969
19690081740	Digitally controlled video displays for helicopter avionics simulation - Initial design study Final engineering report	1969
19690081742	The role of adrenal cortex in the process of acclimatization to high elevation Final report, 1 Nov. 1967 - 31 Jan. 1969	1969
19690081746	Experiments on a magnetohydrodynamic nozzle accelerator in a shock tunnel Final report, 1 Jan. 1967 - 1 Jul. 1968	1969
19690081747	Electronic structure of transition metal compounds Final report	1969
19690081752	Production engineering of ferrite powder by fluid bed technique Quarterly report, Oct. - Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081756	Cargo parachutes	1969
19690081759	The ignition and sustaining of combustion by energy addition in turbulent supersonic flows Progress report, period ending 16 Mar. 1968	1969
19690081760	The specific determination of air-borne hydrogen chloride Final report, Mar. 1968 - Mar. 1969	1969
19690081761	Hot corrosion of coated superalloys in a gas turbine environment Quarterly progress report, 1 Oct. 1968 - 1 Jan. 1969	1969
19690081763	Universal precise crystal measuring system Final report, 30 Jun. 1966 - 1 Nov. 1968	1969
19690081765	Fluoric variable gain component feasibility study Final report, Feb. - Dec. 1968	1969
19690081766	The development and application of aircraft engines at Turbomeca	1969
19690081768	Basic mechanisms of combustion instability and shock initiated supersonic combustion Final scientific report	1969
19690081769	Recent high speed gas dynamic research at the Von Karman institute for fluid dynamics	1969
19690081771	Application of intelligent automata to reconnaissance Final technical report, 17 Mar. 1966 - 5 Dec. 1968	1969
19690081773	Memory system for microcircuits Interim engineering progress report, 30 Nov. 1968 - 28 Feb. 1969	1969
19690081775	Radiation effects in dielectric materials Final report, 1 Sep. 1966 - 15 Oct. 1968	1969
19690081776	Expanded sphere sandwich structure	1969
19690081777	Development of a two-axis squeeze-film accelerometer with digital readout for low cost inertial guidance systems Technical report, 1 Jun. 1966 - 28 Feb. 1969	1969
19690081778	Highly heat resistant epoxy resins. Increase in the viscosity of epoxy resin during hardening by acid anhydride	1969
19690081779	Feasibility studies for regeneratable charcoal filters Quarterly progress report, Oct. 1968 - Jan. 1969	1969
19690081780	Investigation and compilation of the thermodynamic properties of high temperature chemical species Quarterly technical report, 1 Oct. - 31 Dec. 1968	1969
19690081782	L-band tetrodes Final report, 1 Jul. 1966 - 31 Oct. 1968	1969
19690081784	On the coverage of satellite-based interceptor systems	1969
19690081785	The conceptual designs of multicollar hydrodynamic and hydrostatic thrust bearings	1969
19690081786	Nickel exposed to hydrogen sulfide and sulfur dioxide A structural study	1969
19690081787	The probability of detecting a target in a randomly emplaced sensor field	1969
19690081788	UHF integrated circuit technology Final report, 15 Apr. 1966 - 14 Oct. 1968	1969
19690081789	Radiation damage evaluation wing 6 Minuteman rocket motor MTO 852-35. Weapon system 133B, rocket motor M57A1, Minuteman stage 3 Final report	1969
19690081790	Icing rate indicator system Final report, 16 Aug. 1968 - 7 Jan. 1969	1969
19690081791	Meteorological data report - Aerobee NASA 3.135 DS /NRL NE 3.175/ 12 February 1969	1969
19690081793	Sealed harmonic reducer for vacuum application. Tandem testing - Design, assembly, and operational techniques	1969
19690081796	P-7, P-7-1 and P-7-2 /T-62T-11, T-62T-12, and T-62T-27/ product improvement program Final report, 1 Jan. - 31 Dec. 1968	1969
19690081799	Multi-chip integrated circuit package Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690081801	Manpack vented nickel-cadmium batteries, BB-500///U, BB-607///U, and BB-610///U	1969
19690081802	Evaluation of infrared video high-speed commutation Final technical report, 1 Mar. 1968 - 15 Jan. 1969	1969
19690081803	Defects in metal crystals Annual progress report, 1 May 1968 - 30 Apr. 1969	1969
19690081806	Combustion chemistry and mixing in supersonic flow, phase 1 Final report, 1 Apr. 1966 - 31 Mar. 1968	1969
19690081807	Primary processes in radiation chemistry Progress report, 15 Feb. 1968 - 31 Jan. 1969	1969
19690081808	The radiosensitivity of mammalian germ cells Annual progress report, May 1968 - Jan. 1969	1969
19690081812	Drone instrumentation console model 1930-2A, drone control console model 1930-3A, volume 1	1969
19690081813	Drone instrumentation console model 1930-2A, drone control console model 1930-3A, volume 2	1969
19690081817	Second source for crossed field amplifier QKS 1567 C-band self modulated forward wave amplifier Interim report, 1 Oct. - 31 Dec. 1968	1969
19690081818	Production engineering measures for hybrid circuit solid state front end Quarterly progress report, 29 Sep. - 29 Dec. 1968	1969
19690081819	Large photocathode image intensifier with image motion compensation Quarterly technical progress report, 7 Oct. 1968 - 6 Jan. 1969	1969
19690081825	A fundamental and feasibility study of ring-vortex gaseous-core cavity reactor Final report, 1 Feb. 1964 - 31 Oct. 1968	1969
19690081833	Hardened antenna evaluation Final technical report, 15 Jan. - 15 Dec. 1968	1969
19690081837	Planar triode improvement program Interim report, 15 Oct. 1968 - 1 Feb. 1969	1969
19690081839	TF33/JT3D product support program Final report, 1 Jan. - 31 Dec. 1968	1969
19690081844	Gas generators Mark 9 Mod 0 and Mark 10 Mod 0 /advanced Terrier/ type-life program /U/ Final report	1969
19690081853	Aerospace defense command back-up interceptor control system, phase 3, category 2 testing. Volume 4 - Maintenance computer program Final report	1969
19690081854	Aerospace defense command back-up interceptor control system, phase 3, category 2 testing. Volume 6 - Equipment technical manual verification Final report	1969
19690081855	Aerospace defense command back-up interceptor control system, phase 3, category 2 testing. Volume 8 - Appendices Final report	1969
19690081860	Dragon operations group Quarterly progress report, Mar. - May 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081861	Microchannel plate improvement studies /U/ Final technical report, 21 Mar. 1966 - 21 Aug. 1967	1969
19690081864	Evaluation of high-energy plasticizers /U/ Final report, 1 Oct. 1966 - 30 Sep. 1968	1969
19690081865	Development of a low cost catalyst for hydrazine /U/ Quarterly report, 15 Dec. 1968 - 15 Mar. 1969	1969
19690081867	Thermal decomposition of explosives. Part 1. Effect of asphalt on the decomposition of RDX-bearing explosives /U/	1969
19690081868	Air Force reusable rocket engine program, XLR129-P-1 engine performance /U/	1969
19690081869	The contiguous subcarrier matched-barrage pulse-compression radar countermeasure technique /U/ Final technical report, Jan. 1966 - Dec. 1968	1969
19690081870	An improved system for bonding C-3 propellant to paper asbestos phenolic /U/	1969
19690081871	Crosslinked nitrocellulose propellants /U/	1969
19690081877	Five micron /Hg, Cd/ Te IR detector development /U/ Interim technical report, 25 Apr. - 24 Jul. 1968	1969
19690081878	Five micron /Hg, Cd/ Te IR detector development /U/ Interim technical report, 25 Jul. - 24 Oct. 1968	1969
19690081879	Rolling diaphragm expulsion device for a prepackaged liquid rocket engine /U/	1969
19690081880	Improvement of aircraft IFF antenna systems /U/ Interim engineering report, 25 Sep. - 31 Dec. 1968	1969
19690081882	Sorption properties of activated carbon Quarterly progress report, Jul. - Nov. 1968	1969
19690081884	Reactor fuels and materials development programs for fuels and materials branch of USAEC Division of Reactor Development and Technology Quarterly progress report, Oct. - Dec. 1968	1969
19690081887	The problem of balancing an internal combustion engine	1969
19690081889	Semiannual progress report number 3, for July through December 1968 /U/	1969
19690081893	Air enrichment study program /U/	1969
19690081894	Development of multiple rotation gyro techniques /U/ Final technical report, 1 Oct. 1966 - 30 Nov. 1968	1969
19690081899	A proposal to study turbulent heating of a plasma by means of microwave scattering Progress report, 1 Apr. 1968 - 28 Feb. 1969	1969
19690081902	Investigation of the atomic structure and the nature of the magnetism in several magnetic glasses Annual progress report, 1 Apr. 1968 31 Mar. 1969	1969
19690081904	Effects of combined stresses on the fracture strengths of brittle ceramic materials progress report	1969
19690081905	Investigation of new concepts for the suppression of jet noise Final report	1969
19690081906	Synthesis utilizing a quadratic performance index subject to a time-varying weighting function. Phase 1 - Synthesis technique development	1969
19690081907	Irradiation of several ICOA's and other selected semiconductor components by Co-60	1969
19690081916	Alleviation of low altitude reentry plasma sheaths /U/ Technical report, 15 Mar. 1967 - 1 Jun. 1968	1969
19690081920	Burning rate studies with the micro-window- bomb strand burner /U/	1969
19690081930	Defects in crystals Annual report, 1 Mar. 1968 - 28 Feb. 1969	1969
19690081932	Concurrent evaluation of the Airborne Radiation Thermometer /U/ Final report, Sep. - Oct. 1968	1969
19690081934	Development and evaluation of a laser angular rate sensor for use in severe environmental applications, volume 2 /U/ Final report, 1 Apr. 1966 - 1 Nov. 1968	1969
19690081935	Influences of the flight environment and propellant additive form on radar interference caused by rocket motor exhausts /U/ Final report, 15 Jan. 1968 - 15 Jan. 1969	1969
19690081937	Positive expulsion of NOTSGEL-A /U/	1969
19690081940	Air Force advanced lift fan and lift/cruise fan demonstrator program, volume 1 /U/ Final report, 1 Jan. 1967 - 31 Oct. 1968	1969
19690081941	Air Force advanced lift fan and lift/cruise fan demonstrator program, volume 2 Final report, 1 Jan. 1967 - 31 Oct. 1968	1969
19690081947	Hypersonic aerospace-vehicle structures program. Volume 2 - Generalized mass properties analysis, part 3 /U/ Final report, 7 Mar. 1967 - 16 Aug. 1968	1969
19690081956	Temperature in hot, fast moving gases with special consideration of their application to aircraft and spacecraft propulsion	1969
19690081957	A device for convolution operations	1969
19690081958	Telescope mirrors in skeleton design are light and rigid	1969
19690081959	Self-diffusion in beta-titanium and beta-hafnium	1969
19690081960	The three component system iron-cobalt-vanadium	1969
19690081962	Diffusion and passage of hydrogen in pure iron and steel at higher temperatures	1969
19690081965	GSFC magnetic field experiment - Explorers 33 and 35	1969
19690081967	Improved conformal coatings for space applications Final report, 25 Jun. 1967 - 15 Aug. 1968	1969
19690081968	Apollo Mission 7 - Trajectory reconstruction and postflight analysis, volume 1	1969
19690081969	Indications of periods by phase and amplitude diagrams with applications from biology, medicine, and psychology	1969
19690081970	The effects of drugs on organ displacement during whole body vibration in dogs Final report	1969
19690081972	Inertia tests of a 24 foot single keel parawing, model 2	1969
19690081973	The calculation of the cohesion and surface tension of transition metals by a method of tight binding	1969
19690081974	Excitation of nuclei by electrons	1969
19690081975	On the synthesis of N-t-butylloxycarbonylamino acids	1969
19690081976	Verification of the real-time computing complex guidance entry program for Apollo 10 - Addendum	1969
19690081978	Cryotrapping of hydrogen at 4.2 deg K	1969
19690081979	Apollo/Saturn space vehicle POGO analysis - AS-504 vehicle, S-1C stage	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690081982	On the problem of a correct and accurate determination of the optical constants of evaporated metal films	1969
19690081983	General questions on Kalman filtering in navigation systems	1969
19690081984	CSM HGA tracking system nonlinear interchangeability study Interim technical report	1969
19690081986	Friction coefficients in turbulent boundary layers in the case of compressibility and heat transfer	1969
19690081987	Experimental investigation of capillary propellant control devices for low gravity environments Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690081990	Macroacceleration and future thermonuclear rocket propulsion	1969
19690081994	Adaptive noise minimization Final report	1969
19690081995	A statistically verified model for correlating volume loss due to cavitation or liquid impingement	1969
19690081996	The mechanics and kinetics of aerosol filtration Quarterly progress report, Oct. - Dec. 1968	1969
19690081998	Suppression of bending in shells by control of thickness variation Final report	1969
19690081999	Radio astronomy	1969
19690082000	Capture coefficient and desorption rate of an atom on a metal lattice /one-dimensional model/. Effect of very low temperatures	1969
19690082007	Trends in the oxidation of iron as determined by a solid electrolyte technique Progress report	1969
19690082008	UHF multilayer acoustic filter Final report, 21 Dec. 1967 - 21 Dec. 1968	1969
19690082010	Apollo 6 mission report. Supplement 4 - Entry postflight analysis	1969
19690082011	An improved /optimum/ design for the sensor electronics analog subsystem of the Ames magnetometer Final report	1969
19690082012	Support facilities and equipment for space systems	1969
19690082015	Nickel and cobalt base alloys	1969
19690082018	Gun Propellant Program Propellants Laboratory /U/ Technical memo, Oct. - Dec. 1968	1969
19690082019	Improved internal and external insulations for rocket motors /U/ Quarterly progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690082020	Approaching geodesy in the 1970's /U/	1969
19690082026	NAMAR Camera Pod/A-7A compatibility evaluation /U/ Final report	1969
19690082027	Optics athermalization Final report, 1 Jun. 1966 - 30 Jun. 1968	1969
19690082028	Flexible exit cone development program - Materials evaluation test results	1969
19690082029	Ruggedized sensor package for operation Mighty Sky project RP 203	1969
19690082031	The dynamic response of graphitic materials, October 1967 - March 1968	1969
19690082032	Development of high temperature resistant materials for use in Naval ordnance Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690082033	Test and evaluation of aircrew escape systems, parachute stowage in P-3 airplanes Final report, Mar. - Jun. 1968	1969
19690082034	Study of spherically diverging shock waves in earth media Final report, Aug. 1966 - Mar. 1969	1969
19690082035	Modified RF-4C sensor control panel Final report	1969
19690082042	Reliability considerations of MOSFET integrated circuits	1969
19690082044	Effects of temperature and pressure on splash-zone compounds Technical note, Jul. 1967 - Aug. 1968	1969
19690082045	Study of aviation-fuel filter/separators Quarterly progress report, 20 Oct. 1968 - 19 Jan. 1969	1969
19690082046	High speed combustion processes Final report	1969
19690082048	Accelerated service test and evaluation of the North American Rockwell OV-10A aircraft propulsion system Interim report, 12 Aug. - 21 Dec. 1968	1969
19690082051	Review of the Atlantic City mesonet Final report	1969
19690082052	Apollo/Saturn 5 launch mission rules. Apollo 9 /SA-504/CSM-104/LM-3/ Final report	1969
19690082053	Development of a nondestructive testing technique to determine flaw criticality	1969
19690082054	Geosciences and technology bulletin, volume 6, no. 2	1969
19690082058	Variable stability demonstration program at Edwards Air Force Base	1969
19690082059	Chemical Vapor Deposition /CVD/ barrel coating for refractory fasteners Interim report, 1 Jan. - 31 Mar. 1969	1969
19690082060	Superconductivity and its relevance to military applications	1969
19690082063	Short-time sample robust detection study Final technical report	1969
19690082065	Translations on French nuclear, missile, space, and related military developments, no. 175	1969
19690082067	Total solar eclipse of 7 March 1970	1969
19690082069	Conduct laboratory model feasibility study and furnish rotating brush separator Final engineering report, 21 May - 20 Nov. 1968	1969
19690082070	Category 2 performance and qualitative stability and control test of the O-2A aircraft, appendix 3	1969
19690082072	Advanced concepts of microwave generation and control in solids Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690082074	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Interim engineering progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690082076	Product improvement program - Air turbine starters, air control valves, air turbine drives Final report	1969
19690082077	Optimization of BA-4270/U and BA-4386/PRC-25 magnesium-manganese oxide primary batteries Final report, 1 Jul. 1966 - 1 Apr. 1968	1969
19690082086	Investigation of the roll characteristics of re-entry vehicles at M infinity equals 6 and 8	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082087	Development of devices for power conditioning applications Quarterly progress report, 28 Sep. - 28 Dec. 1968	1969
19690082088	Lightweight modular pulser Final technical report, 19 Dec. 1967 - 19 Dec. 1968	1969
19690082089	Whisker reinforced metals Quarterly technical report, Nov. 1968 - Feb. 1969	1969
19690082090	Spectrum utilization characteristics of transmitter, FM telemetry, conic model CTM-UHF-305	1969
19690082091	Proximity effects between superconducting and normal metals Semiannual report	1969
19690082092	Computational methods and implementation techniques for problems related to navigation, guidance, and control. Quarterly report, 1 Jan. - 30 Mar. 1969	1969
19690082093	Waterproof/22992 connector Final report, 25 Jan. - 24 Dec. 1968	1969
19690082094	Nike-Hydac STV-82 /4 February 1969/ and Nike-Hydac STV-83 /4 February 1969/ Meteorological data report	1969
19690082095	Nike-Hydac STV-84 /27 February 1969/ Meteorological data report	1969
19690082097	Research and composite tape laying process for advanced fibrous reinforced composite structures Quarterly report, period ending 15 Apr. 1968	1969
19690082099	Studies of display symbol legibility - 19. Design and legibility test procedures for the 407L /TAC/ PPI consoles	1969
19690082100	Montana large aperture seismic array Quarterly technical report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690082101	Thermionic converter plasma analysis Interim report	1969
19690082102	Theory of collision dominated Langmuir probes Interim report	1969
19690082103	An experimental investigation of twin-jet and isolated pod nozzle/afterbody interaction effects. Phase 1 - Subsonic results	1969
19690082105	Separation and stability studies of a convergent-divergent nozzle	1969
19690082106	Development of fast, high-voltage, high-energy pulse generators and generator components Final report, 1 Aug. - 24 Dec. 1968	1969
19690082108	Fundamental investigations of photoemission Quarterly report	1969
19690082109	Rapid reversal color processor Final technical report, 3 Oct. 1966 - 1 Nov. 1968	1969
19690082110	Development of improved grinding processes Final technical report, 1 Feb. 1966 - 30 Apr. 1968	1969
19690082114	Translations on French nuclear, missile, space, and related military developments, no. 177	1969
19690082116	Large retractable solar cell array Quarterly technical report, 27 Dec. 1968 - 23 Mar. 1969	1969
19690082117	A rod test for measuring stresses in ceramic bodies with compressive surface layers	1969
19690082118	A 3.2-mm wave oscillator	1969
19690082120	Energy transfer processes in the gas phase with respect to carbon dioxide and nitrogen systems and additives Final technical report	1969
19690082121	Annual tropical storm report, 1968	1969
19690082123	Observations of the sun, moon, and planets six-inch transit circle results	1969
19690082125	Atomization of viscoelastic fluids Progress report, 1 Jan. 1968 - 31 Dec. 1969	1969
19690082126	Adjacent channel interference analysis Final report, Oct. 1967 - Oct. 1968	1969
19690082127	Annular solar eclipse of 11 September 1969	1969
19690082128	FY 69 applied optics research report Quarterly status report no. 2, 1 Oct. - 31 Dec. 1968	1969
19690082129	Status report US Navy satellite geophysics program, July - September 1968	1969
19690082131	Structural damage in metal-forming processes Final report, 1 Jan. 1968 - 28 Feb. 1969	1969
19690082132	Roll-damping derivatives on cones Final report, 1 Jun. - 1 Sep. 1968	1969
19690082133	Airborne data terminal set Interim engineering report, Oct. - Dec. 1968	1969
19690082134	Interim analysis of low altitude atmospheric turbulence /LO-LOCAT/ data	1969
19690082139	Operation of UBSO Final report, 1 May 1966 - 31 Dec. 1968	1969
19690082141	In-place tube welding manufacturing technology Interim progress report, 31 Dec. 1968 - 31 Mar. 1969	1969
19690082143	Circular polarization radome techniques	1969
19690082144	Demonstration test firing of a water-cooled nozzle on a solid propellant motor Technical report, 15 Oct. 1967 - 18 Jun. 1968	1969
19690082145	Brushless dc starter-generator Quarterly report, 1 Oct. 1968 - 1 Jan. 1969	1969
19690082147	Reliable flat cable connector Semiannual report, 1 Apr. - 30 Sep. 1968	1969
19690082148	Settling of a coarsely dispersed aerosol on the subjacent surface of the earth	1969
19690082149	Computing vibrations on turbomachinery by transfer matrix method	1969
19690082153	Vibrations of a magnetostrictive tube	1969
19690082154	Combat video Final report, 4 Sep. - 4 Nov. 1968	1969
19690082155	Comparing two sets of data by Kolmogorov-Smirnov statistic - A general method	1969
19690082156	Application of a vertical strain seismograph to the enhancement of P waves	1969
19690082157	A Monte Carlo simulation approach to cost uncertainty analysis	1969
19690082161	The Linville method of high frequency transistor amplifier design	1969
19690082162	Normal force on low aspect ratio, rectangular fin-body combinations at supersonic speeds and high angles of attack	1969
19690082163	CRT /tactical/ /taccart/ Final report, 1 Nov. 1966 - 1 Oct. 1968	1969
19690082165	Research and development of an advanced composites technology base and component fabrication program for gas turbine compressor and fan blades Final technical report, 1 Jul. 1966 - 30 Jun. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082167	Manufacture of large precision-cast dies for heated die forging of titanium alloys Interim engineering progress report, 16 Oct. 1968 - 15 Jan. 1969	1969
19690082169	The quasi-stationary response of linear time-varying systems to modulated signals Technical report, 1 Mar. 1966 - 31 Oct. 1968	1969
19690082173	On the calculation on the transient conditions of gas turbomotors	1969
19690082175	Survey of manufactures of film circuitry	1969
19690082176	Cathodochromic projection CRT Quarterly report, 13 Dec. 1968 - 12 Mar. 1969	1969
19690082177	Accuracy of data obtained during development testing of the General Electric TF39 turbofan engine in the propulsion engine test cell J-1 Final report, 8 Dec. 1967 - 30 Jul. 1968	1969
19690082181	Modular orientation parachute for runway cratering device /U/	1969
19690082187	Demand mode integral rocket ramjet /U/ Final technical report, 26 Feb. - 31 Dec. 1968	1969
19690082193	Interface friction and lubrication in metal deformation processes Final report, 1 Dec. 1967 - 31 Dec. 1968	1969
19690082202	Second Summary Report	1969
19690082203	Stability and control characteristics at Mach 0.60 to 3.75 of a fixed-wing twin-inlet fighter model with an aft horizontal tail and twin vertical tails /U/	1969
19690082206	Effect of stores complement on median radar cross section of A-4 aircraft at 4.4 gigahertz /U/	1969
19690082213	A survey and evaluation of radar techniques for air-to-surface missiles /U/	1969
19690082214	Mechanical properties, including fracture toughness and fatigue, corrosion characteristics and fatigue-crack propagation rates of stress-relieved aluminum alloy hand forgings Technical management report, 15 Nov. 1968 - 15 Feb. 1969	1969
19690082216	Corrosion on master brake cylinders and wheel cylinders	1969
19690082217	Emergency evacuation tests of the C-9A aeromedical aircraft Final summary report	1969
19690082218	State-of-the-art summary, thrust augmentation	1969
19690082219	Geosciences and Technology bulletin, volume 6, no. 1	1969
19690082220	Research in radiation physics and aerodynamics Semiannual technical report	1969
19690082221	Barium fluoride calcium fluoride eutectic as a multiple temperature bearing lubricant Final report	1969
19690082223	Field evaluation of hydrocarbon analyzer for aviators' breathing oxygen Final report	1969
19690082225	On the limits of applicability of turbine flowmeters to measure flow under nonsteady conditions	1969
19690082226	Naval application of lasers, surveys of foreign scientific and technical literature	1969
19690082227	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690082228	An investigation of photochemical mechanisms by nuclear magnetic resonance Technical report, 15 Nov. 1967 - 30 Apr. 1968	1969
19690082229	Solution growth of gallium arsenide	1969
19690082230	Gas multiplication UV sensors for fire and explosion detection Final report, 1 Mar. 1968 - 31 Jan. 1969	1969
19690082231	Development of manufacturing techniques for production of rain erosion resistant coated structures Interim engineering progress report, 1 Aug. 1968 - 28 Feb. 1969	1969
19690082232	Millimeter wave diodes Technical report, 1 Feb. - 1 Nov. 1968	1969
19690082234	Evaluation of electric field probes for interference measurements Technical report, Jun. 1967 - Jun. 1968	1969
19690082235	Harmonic analysis of earth tides by the procedures of Lecolazet and Venedikov	1969
19690082236	Performance characteristics of a modified version of a nonreciprocal digital latching S band phase shifter	1969
19690082238	A study of feedforward compensation of automatic control systems Final report, part 1	1969
19690082239	Automatic control system synthesis techniques. Phase 2 - Survey of time domain synthesis techniques based upon providing a specified response to a particular input	1969
19690082240	Evaluation of Systron-Donner accelerometer model 4810F	1969
19690082244	Packaged system storability test articles Final report	1969
19690082246	Unified field theory - General relativity gravitation theory-cosmology, volume 2 Report bibliography for period ending Aug. 1968	1969
19690082250	Mechanization of context information Final report, 4 Mar. 1968 - 4 Jan. 1969	1969
19690082251	Short-pulse radar development Final report, 4 Apr. 1966 - 15 Feb. 1969	1969
19690082252	Radiation-chemical processes applied to textiles	1969
19690082253	Radioactive decay of Pm-146 and Pr-146	1969
19690082256	Demonstration of a supersonic box method for unsteady aerodynamics of nonplanar wings. Part 1 - General applications Technical report, Mar. 1967 - Sep. 1968	1969
19690082257	Slope landing tests with the CH-3E helicopter Final report, 26 Aug. - 31 Oct. 1968	1969
19690082258	Feasibility study for the propulsion phase of a fluidic control system for an aircraft ejection seat Final report, May 1968 - Mar. 1969	1969
19690082260	Stress-corrosion cracking of aluminum alloy 7079-T6 in seawater	1969
19690082261	Influence of some test specimen geometrical parameters on the mechanical behavior of 6061-T6 aluminum under tension-tension biaxial stress	1969
19690082264	Gravity and the figure of the earth	1969
19690082267	Engineering flight evaluation of IMAS equipped CH-53A	1969
19690082271	Further development of an electronically controllable microwave window Quarterly report, 27 Oct. 1968 - 27 Jan. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082272	Metal-insulator semiconductor integrated circuit amplifier Interim technical report, 1 Nov. 1968 - 28 Feb. 1969	1969
19690082273	Determination of increased aircraft performance by application of composite materials - Technology application study, volume 5 Final report, 1 May - 31 Oct. 1968	1969
19690082274	An introduction to high temperature radiation gas dynamics Technical report, 20 Jun. - 23 Aug. 1968	1969
19690082276	The susceptibility of Hero unsafe ordnance to electromagnetic fields	1969
19690082278	Evaluation of load equalizing planetary reduction gear transmission developed by the Bergen Research Engineering Corporation Final report	1969
19690082279	Simulated meteoroid impact testing on a composite expandable structure for spacecraft airlock application Final report, 1 Dec. 1967 - 29 Aug. 1968	1969
19690082280	Measurement of the concentration and size distribution of the sea salt aerosol Final report	1969
19690082281	Information on microelectronics for Navy equipment	1969
19690082287	Remote sensing techniques for the location and measurement of shallow-water features Annual report, Jul. 1967 - Sep. 1968	1969
19690082288	TOW flight motor requalification program /U/	1969
19690082291	Establish manufacturing process for energetic propellant binder /U/ Interim engineering progress report, 15 Nov. 1968 - 15 Feb. 1969	1969
19690082294	Advanced packaged liquid rocket engine /U/ Quarterly progress report, 1 Nov. 1968 - 3 Feb. 1969	1969
19690082300	Variable density electro-optical dipole shutter Final report, 1 Sep. 1967 - 29 Nov. 1968	1969
19690082304	Weather forecasters' guide on aircraft icing	1969
19690082305	LG-55 and LG-56 gas lasers	1969
19690082307	Preliminary heat loss data on 10 OSO sensors	1969
19690082308	Considerations on the technology of heavy naval jet propulsion	1969
19690082311	Microminiaturization /electronics/, volume 2	1969
19690082313	Development of centralized automatic test systems at NELC. Volume 3. Data acquisition Research and development report, Aug. 1967 - Dec. 1968	1969
19690082317	Refractory metals /Cb, Ta, Mo, W/	1969
19690082319	Stoichiometric temperature and performance program /U/ Component tests report, Jul. 1967 - Feb. 1969	1969
19690082320	Investigation of the thermodynamic properties of propellant ingredients /U/ Annual progress report, 1 Jan. - 31 Dec. 1968	1969
19690082321	Analytical support of the A-NEW program man/machine simulation experiment - Track, attack, and trailing - Results and analysis /U/	1969
19690082325	Development and test of a highly energetic domino propellant /U/ Quarterly progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690082327	Extinguishment and reignition analyses of a large dual chamber propulsion system /U/	1969
19690082329	Mechanisms of energy transfer in solids, part 1 Final technical report	1969
19690082330	Secondary cadmium-air cells	1969
19690082331	Transmission characteristics of 15 GHz over a twelve mile path near Austin, Texas	1969
19690082338	Gallium arsenide lasers - A new dimension in covert night strip photography /U/	1969
19690082339	Analytical support of the A-NEW program ASWASP improvement and system effectiveness /U/	1969
19690082341	Ultraviolet reconnaissance techniques /U/ Final report, 15 Dec. 1967 - 15 Dec. 1968	1969
19690082342	A laboratory investigation of the Raytheon Digital High Definition Display /DHDD/ /U/	1969
19690082344	Airborne MTI radar studies /U/ Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690082346	Air launch single-chamber controllable solid rocket motor, volume 1 /U/ Final report, 1 Aug. 1967 - 31 Jan. 1969	1969
19690082347	Air launch single-chamber controllable solid rocket motor, volume 2 /U/ Final report, 1 Aug. 1967 - 31 Jan. 1969	1969
19690082349	JTA graphite composite manufacturing methods Final report, Apr. 1967 - Dec. 1968	1969
19690082350	Preliminary acoustic scattering strength measurements in the eastern North Pacific Ocean - Integrated strengths	1969
19690082351	Propulsion simulation module	1969
19690082353	Test report for James, Pond, and Clark, Inc. 1/4-inch 3000 psig hydraulic bleed valve, part number P-13-228, NASA part number 76K00269-1, NASA control number 3393-4	1969
19690082354	Test report for Marotta Valve Company 2 way, 2 position solenoid, part number 231184-1A6, NASA part number 75M 11869, NASA control number 3172-4	1969
19690082355	Test report for Consolidated Precision Corporation one inch 300 psig flexible hose assembly, NASA control number 3342-4, NASA part number 75M 18273 FFH-1	1969
19690082356	Test report for Sage Engineering and Valve Co. 4 x 6 inch safety relief valve, manufacturer's part number dwg. no. 1-8017, NASA part number 75M05752 HRV-8, NASA control number 3010-4	1969
19690082361	Descent propulsion system simulation	1969
19690082363	DATUM - A digital computer simulation model for datum search. Logic routines and subroutines	1969
19690082369	Final Results of the Supplemental Testing and Analysis of the COLOSSUS 2 /MANCHE 45, Revision 2/ Flight Program for the Apollo 10	1969
19690082370	Methods of achieving and maintaining physical fitness for prolonged space flight Progress report, 1 Sep. - 31 Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082372	Test report for Associated Testing Laboratories, Inc. pressure switch, NASA P/N 75M11851, Boeing D5-16282, NCN 3171	1969
19690082380	Apollo 9 GN&C preflight performance review	1969
19690082381	CSM-104 D mission quick look analysis hybrid simulator data management support	1969
19690082385	Manufacturing methods for plastic airframe structures by filament winding Final technical report, May 1966 - Nov. 1968	1969
19690082386	Vorticity influences on flow fields of slender cones at hypersonic speeds Final report, Oct. 1965 - 30 Jun. 1968	1969
19690082389	Combined space environmental effects on spacecraft coatings, phase 2 Final report, 31 Jul. - 12 Aug. 1968	1969
19690082390	Phase compatibility studies on nickel- chromium-silicon-carbon base alloys. Volume 2. The chromium-silicon-carbon and nickel-silicon-carbon systems	1969
19690082391	Thirty thousand rpm vane pump demonstration Interim technical report, 16 Dec. 1968 - 31 Mar. 1969	1969
19690082392	Development of linear power tubes Interim development report, 17 Nov. 1968 - 16 Feb. 1969	1969
19690082393	Silicon carbide filaments Final technical report, 1 Dec. 1967 - 30 Nov. 1968	1969
19690082394	Additional propagation and modulation measurements at millimeter wavelengths over a 32-km path Final report, 1 Jun. - 30 Aug. 1968	1969
19690082395	Tabulation of maximum lift coefficient data obtained from tests on airfoil sections with lift devices	1969
19690082396	Translations on French nuclear, missile, space, and related military developments, no. 178	1969
19690082397	Translations on French nuclear, missile, space, and related military developments, no. 180	1969
19690082398	Influence of metabolic accumulation of products of Hydrogenomonas cells on their continued growth Progress report, 1 Nov. 1968 - 30 Apr. 1969	1969
19690082401	Geographic and selenographic coordinate transformation mechanization review	1969
19690082402	Marotta Valve Company 3/8-inch 2 way 2 position solenoid valve, NASA control number 3130-4, NASA part number 75MI3285-2	1969
19690082403	Instrumentation in X-ray astronomy	1969
19690082404	Simple theory of gravitation	1969
19690082405	Pade estimates of the critical temperature for the europium chalcogenide EuS	1969
19690082407	Development of a high altitude decelerator Final report	1969
19690082408	Advanced composite material in turbomachinery components, volume 1 Technical report, 1 Aug. 1966 - 31 Oct. 1968	1969
19690082409	Advanced composite material in turbomachinery components, volume 2 Technical report, 1 Aug. 1966 - 31 Oct. 1968	1969
19690082412	Apollo 10 GN and C preflight performance review	1969
19690082414	Stability characterization of advanced injectors Quarterly progress report, 1 Oct. 1968 - 1 Jan. 1969	1969
19690082417	Analytical and Experimental Development Program for Inflatable Solar Shields Quarterly Progress Report, 1 Oct. - 31 Dec. 1968	1969
19690082419	Feasibility study on synthesis of fluoroaromatic polyimides	1969
19690082432	Green book - Preliminary plans and strategy. Balloon flights	1969
19690082433	Computer-aided logical processes. Information science series, volume 2	1969
19690082441	On the optimal stochastic control of systems with noisy measurements	1969
19690082442	Seismic Data Laboratory Quarterly technical summary report, Jan. - Mar. 1969	1969
19690082443	A bibliography on decoupling	1969
19690082444	Aeroelastic stability tests of thin cylindrical shells at supersonic speeds /follow-on tests/ Final report	1969
19690082445	On the cathodic phosphorescence of scheelites and of alumina	1969
19690082446	Scattering from smooth elastic shells in water	1969
19690082447	Flow-coat molding of polycarbonate plastic aircraft ducting	1969
19690082452	Preliminary investigation of aircraft taxiing over statistically defined terrain - Perturbation technique vs analog simulation	1969
19690082453	Advanced electron device technology	1969
19690082454	The admittance of a surface of periodic apertures in an infinite plane	1969
19690082455	Three-channel radiosonde for AN/AMQ-25 atmospheric meteorological probe	1969
19690082456	Feasibility investigation of a neutron in a conduction-cooled sonar amplifier module Interim development, 25 Nov. 1968 - 28 Feb. 1969	1969
19690082457	Extension of frequency control to the infrared region	1969
19690082458	Noise in semiconductors Semiannual report, 15 May - 15 Nov. 1968	1969
19690082459	Solid propellant combustion gas analysis using a micromotor technique Final report, Jan. - Jun. 1968	1969
19690082460	Research on new concepts in energy conversion Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690082461	An evaluation of some elastic-plastic shock mounts Research and development report	1969
19690082462	Development of improved cutting tool materials Interim engineering progress report, 16 Dec. 1968 - 15 Mar. 1969	1969
19690082463	The inclusion of strain-rate dependence in the PUFF computer code Technical report, Sep. 1968 - Jan. 1969	1969
19690082464	Adaptive signal extraction in a nonstationary Gaussian noise field Research report, 1 Sep. 1967 - 1 Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082465	Extinction and backscatter of visible and infrared laser radiation by atmospheric aerosols	1969
19690082466	Aircraft high-lift devices	1969
19690082467	Considerations in the design of cylindrical liquid-filled acoustic lenses	1969
19690082468	Aerodynamic calibration of the AEDC 16-foot supersonic tunnel compressor with fiber glass first cylinder rotor blades Final report, 23 Jul. - 17 Aug. 1968	1969
19690082469	Hydrogen maser oscillations with added external gain	1969
19690082470	High peak power microwave devices Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690082471	A-37B qualitative spin test program Final technical report, 27 Nov. 1968 - 19 Mar. 1969	1969
19690082472	Flame propagation in propellant cracks Interim report, Nov. - Dec. 1967	1969
19690082475	LWIR mosaic terminal guidance system, phase 4 Final report, 1 Feb. 1968 - 31 Mar. 1969	1969
19690082476	Antenna processing for target detection in a nonuniform clutter background - The time- invariant case	1969
19690082477	Solid load definition study - The vibration environment	1969
19690082478	Temperature dependence of relative modulus in filled polymer systems	1969
19690082479	Pressure distribution during parachute opening. Phase 2 - Finite mass operating case	1969
19690082481	Copolymers of tetrafluoroethylene for superior dielectric materials Final report, 31 Aug. 1967 - 31 Aug. 1968	1969
19690082482	Mass-spectrometric studies of graphite vaporization at high temperatures Quarterly technical management report, 1 Jan. - 31 Mar. 1969	1969
19690082483	A theoretical investigation of aerosol flashing Final report, Feb. 1965 - Jan. 1969	1969
19690082484	Effect of dissolved gases on the compressibility and viscosity of polymer thickened fluids used for recoil oils Final report	1969
19690082485	Investigation of hologram techniques Interim report, 1 Jan. - 31 Aug. 1968	1969
19690082486	Development of avalanche oscillators at 10 GHz and 18.3 GHz Final engineering report, 23 Jun. 1967 - Dec. 1968	1969
19690082488	Transtage ACS valve storage tests Phase report	1969
19690082489	Studies on composition B Final report, 1 Oct. 1968 - 28 Feb. 1969	1969
19690082490	Physical factors influencing the chemical reactivity of solid materials - A preliminary investigation	1969
19690082491	High pressure Hugoniot data obtained with a Manganin piezoresistive pressure transducer Final report, 4 Jan. - 8 Oct. 1968	1969
19690082493	Liquid fluorine shutoff valve development program	1969
19690082495	Influence of storable propellant liquid rocket design parameters on combustion instability Final technical report	1969
19690082496	Turbine engine lubrication and moving parts checkout Final report, Jul. 1967 - Aug. 1968	1969
19690082498	Measurement of constitutive parameters using the Mie solution of a scattering sphere	1969
19690082499	Development of a modular 100-watt flame heated thermionic diode Semiannual summary technical report, 1 Jul. - 31 Dec. 1968	1969
19690082500	ASROC digital range and airframe-separation programmer	1969
19690082501	Investigation and compilation of the thermodynamic properties of high temperature chemical species Quarterly technical report, 1 Jan. - 31 Mar. 1969	1969
19690082502	Digital equivalent transceivers study Final technical report, 1 Jan. - 27 Sep. 1968	1969
19690082503	Image orthicons as radiometers and trackers	1969
19690082504	Fatigue, creep, and stress-rupture properties of several super alloys Final report, 1 Apr. 1967 - 30 Nov. 1968	1969
19690082505	Static stability characteristics of the tactical fighter dispenser with various tail-fin configurations at Mach numbers from 0.30 to 1 Final report	1969
19690082506	Computer programs and subroutines for automated cartography	1969
19690082507	Athena B-043, flight 113 /13 February 1969/ Meteorological data report	1969
19690082509	Semiconducting thin films - An annotated bibliography, 1968 Supplement	1969
19690082510	On the scaling of dipole radiation in the ionosphere	1969
19690082512	Aerobee NASA 4.290 DG /NRL NB 3.210 /13 March 1969/ Meteorological data report	1969
19690082513	High viscosity thermal protection materials Summary report, 1 Jul. 1967 - 30 Jun. 1968	1969
19690082515	Diazo printing light source Final report, Jan. - Dec. 1968	1969
19690082517	Digital filtering techniques Final report	1969
19690082538	Radioprotective drugs Report bibliography, Nov. 1952 - Jan. 1969	1969
19690082539	A limited preliminary evaluation of the Handley Page prototype C-10A Final report	1969
19690082540	Digital shaft-angle encoder design principles	1969
19690082541	Manufacturing methods for integrated circuits using MOS transistors Final report, 1 Jan. 1967 - 31 Oct. 1968	1969
19690082542	The digital control and data acquisition system for a surveillance telescope Technical report, 1 Jun. 1967 - 31 Jul. 1968	1969
19690082543	Feasibility of detection systems employing microwave emissions from hypervelocity impact Final report, Dec. 1967 - Dec. 1968	1969
19690082544	Compound semiconductor integrated circuits Quarterly technical report, 1 Oct. - 31 Dec. 1968	1969
19690082545	Impulsive loading of simple and composite cylinders Final technical report, Oct. 1966 - Jun. 1968	1969
19690082546	Integrated p-i-n diode phase shifter networks Interim technical report, 15 Dec. 1968 - Mar. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082547	Measurement of optical properties of fabrics	1969
19690082548	Crystal chemistry studies Quarterly report, 14 Nov. 1968 - 13 Feb. 1969	1969
19690082549	The 05802 Lance, missile no. 7101, round no. 65 RBT Meteorological data report	1969
19690082550	Aerobee NASA 4.286 UG /6 March 1969/ Meteorological data report	1969
19690082551	Transistor burnout protection using ferrite devices	1969
19690082552	Official altitude qualification tests of a Pratt and Whitney aircraft TF30-P-8 turbofan engine Final report	1969
19690082553	Stability characteristics of a series of body-ringtail configurations at Mach numbers from 0.70 to 1.30 Final report, 28 Jan. - 3 Feb. 1969	1969
19690082554	A 2 MHz to 30 MHz broadband solid state power amplifier for use in a shipboard radio transmitter Interim report	1969
19690082556	Latch for the extraction-force transfer device of a cargo parachute system	1969
19690082557	Estimated aerodynamic stability and control derivatives for the QT-33A target aircraft Final report	1969
19690082558	Use of navigation apparatus for orientation concise methodological recommendations on theme orientation using ground vehicle navigation apparatus	1969
19690082559	Test and evaluation of Permafilm treatment for photographic film	1969
19690082560	Radiation Adaptive Compression Equipment /RACE/ - Prototype terminal Addendum to final report	1969
19690082561	Theoretical and quantum chemistry of energetic species of beryllium, boron, aluminum compounds and related molecules Final report, 1 Feb. 1965 - 31 Jan. 1969	1969
19690082562	Strengthening of titanium alloys by shock deformation Summary technical report, Jul. 1966 - May 1968	1969
19690082563	Development and experimental verification of a computer program for predicting temperature distribution and heat transfer through coated and uncoated, single or multi-glaze window systems Final technical report, 15 Jun. 1966 - 15 Feb. 1969	1969
19690082564	Analysis of the elastic contact of a hollow ball with a flat plate Final technical report, 1 Jan. - 31 May 1968	1969
19690082565	Statistical median and mutual gain and modes in rotary joints of radar antennas Final engineering report, Feb. 1968 - Jan. 1969	1969
19690082566	Electron physics research Quarterly report, 1 Sep. - 30 Nov. 1968	1969
19690082567	Evaluation of selected radar cross section measurement ranges. Volume 1 - Range parameters, range evaluation, problem areas and recommendations Final technical report, Jul. 1965 - Apr. 1968	1969
19690082568	Evaluation of selected radar cross section measurement ranges. Volume 2A - Cylinder tests and range evaluation procedures Final technical report, Jul. 1965 - Apr. 1968	1969
19690082569	Maximizing Moving Target Indicator /MTI/ performance in a helicopter-borne radar	1969
19690082571	Molecular engineering of pt-based electrocatalysts for hydrocarbon fuel cell electrodes Semiannual interim report, 1 May - 31 Oct. 1968	1969
19690082572	The Edgewood Arsenal climate calendar Final report	1969
19690082574	Overwater line-of-sight space diversity measurements at 37 GHz Interim report	1969
19690082577	Handbook of recommended practices for measurement of liquid-propellant rocket engine parameters Final report, Jul. 1966 - Jan. 1969	1969
19690082578	Guidance and control for guided missiles Technical status report, Jan. - Mar. 1969	1969
19690082579	Smoke abatement in gas-turbines Progress report, 23 Sep. - 23 Dec. 1968	1969
19690082580	Apollo mission 9 - Humoral and cellular immune responses in manned spaceflight	1969
19690082581	FM antennafier for 30 to 76 MHz Final report	1969
19690082582	Electronics technology Surveys of foreign scientific and technical literature, Jan. - Aug. 1968	1969
19690082583	Static stability characteristics of cones, including effects of nose bluntness, ablation interactions, and selected protuberance configurations	1969
19690082584	Accelerated service evaluation testing of TF30-P-8 engine installed in A-7A aircraft Final report, 21 Oct. - 27 Dec. 1968	1969
19690082585	Design parameters affecting turn stability of captured air bubble vehicles Final report	1969
19690082586	Study of adhesion of activated carbon to surfaces Quarterly progress report, Oct. 1968 - Jan. 1969	1969
19690082590	Propellant selection for unmanned spacecraft propulsion systems, phase 2 Interim review	1969
19690082591	Phased array antenna comparison studies, volume 1 Final technical report, 29 Jun. 1968 - 28 Feb. 1969	1969
19690082592	Phased array antenna comparison studies. Volume 2 - Summary Final report, 29 Jun. 1968 - 28 Feb. 1969	1969
19690082593	First article testing of dual beam oscilloscope model 708A Final report	1969
19690082594	Evaluation of the performance of human operators as a function of ship motion. An engineering psychology study aboard the USS Glover /AGDE 1/	1969
19690082595	Aerobee NASA 4.199 GE /3 March 1969/ Meteorological data report	1969
19690082596	Short-period multicomponent strain system Final report, 16 Feb. 1968 - 15 Feb. 1969	1969
19690082598	Balanced mixer model validation Final report	1969
19690082599	J79-GE-10 engine functional testing Final technical report	1969
19690082600	Experimental techniques in machinery foundation analysis Research and development report	1969
19690082601	Final results of the supplemental testing and analysis of the LUMINARY 1 flight program for the Apollo 10 mission	1969
19690082602	Development of flameproof organic fiber Final report	1969
19690082603	Time-dependent techniques for the computation of nozzles, boattails and airfoils	1969
19690082604	Calculation of the supersonic flow over axisymmetric boattail shapes by time- dependent techniques	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082605	Application of Kalman filtering techniques to the Apollo program	1969
19690082606	The stress around reinforced circular and square holes with rounded corners in a plate subjected to tensile load	1969
19690082607	Propellants, rockets and missiles FY 69 Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690082608	A high resolution sweep plug-in for use with the Hewlett-Packard 3300A function generator	1969
19690082610	OGO-F data-processing plan	1969
19690082615	Investigation of the thermodynamic properties of propellant ingredients /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690082623	Apollo navigation, guidance, and control systems	1969
19690082624	Normative values - Humoral and cellular immune responses in manned spaceflight	1969
19690082627	Study of minimum pressure loss in high velocity duct systems Quarterly report	1969
19690082629	Effect of smoke abatement additive of some engineering alloys	1969
19690082632	Apollo 9 guidance, navigation, and control system performance analysis	1969
19690082634	Feasibility study for the propulsion phase of a fluidic control system for an aircraft ejection seat Bimonthly progress report, period ending 22 Jan. 1969	1969
19690082635	Efficient circuit tuned operation of high doped Gunn effect devices	1969
19690082637	Fluidized solids bath for calibrating temperature sensors	1969
19690082639	Four and Forty-Eight Khz Channel Study Final Technical Report, 1 Apr. - 30 Sep. 1968	1969
19690082640	Manufacturing techniques for application of erosion resistant coatings to turbine engine compressor components Interim engineering progress report, 1 Jan. - 31 Mar. 1969	1969
19690082641	Investigation of laminated structures for radio frequency applications Technical report, 15 Nov. 1968 - 15 Feb. 1969	1969
19690082642	Checkout equipment for the S sup 3 data processing system	1969
19690082643	Digital cryogenic thermometer Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690082644	Analysis of satellite reception data. Part 1 - Effects of frequency, time of day, and satellite position Final report, 22 Nov. 1967 - 22 Nov. 1968	1969
19690082645	Analysis of satellite reception data. Part 2 - Description of experiment and special analysis Final report, 22 Nov. 1967 - 22 Nov. 1968	1969
19690082666	Apollo 9 thermal coatings experiment Final report	1969
19690082667	Solar wind, volume 2 Report bibliography, Jan. 1953 - Aug. 1968	1969
19690082668	Acceleration tolerance, volume 2 Report bibliography, Jul. 1942 - Feb. 1968	1969
19690082669	Liquid crystal, volume 2 Report bibliography, Jun. 1954 - Jun. 1968	1969
19690082670	Fifty ampere turn-off switch Quarterly report, 15 Nov. 1968 - 15 Feb. 1969	1969
19690082671	Summary of the meeting /15th/ of the Refractory Composites Working Group	1969
19690082672	Integrated ballistic test system	1969
19690082674	Development of internal microwave-acoustic modulation of solid-state lasers Final report, 11 Apr. 1966 - 31 Dec. 1968	1969
19690082676	Characterizing strength of unidirectional composites	1969
19690082677	Radiation effects in dielectric materials Quarterly report, 16 Oct. 1968 - 15 Jan. 1969	1969
19690082678	Research on charged particle electrostatic thrusters Final report, 1 Jun. 1967 - 1 Dec. 1968	1969
19690082685	Optimum gyrators Quarterly report, Nov. 1968 - Mar. 1969	1969
19690082686	Development of high temperature thermal-null strain gages Final report	1969
19690082687	Effect of axial load on wear of Teflon fabric lined spherical bearings	1969
19690082689	Theory of quadratic filters Research report, Jan. 1966 - Dec. 1968	1969
19690082703	In-tube-burning rockets for advanced light assault weapons /U/	1969
19690082707	Improvement of aluminum hydride propellant shelf life /U/	1969
19690082708	Mechanical property improvement of slurry cast CMDB propellants /U/	1969
19690082709	Plasticizers and binders for gas-generator propellants /U/	1969
19690082710	Aging and surveillance testing of a Minuteman wing 6 stage 2 solid-propellant rocket motor at simulated pressure altitude motor S/N AA20004, designation OP-2 /U/	1969
19690082711	Digital processing for a STARLITE experiment with scaled AN/SQQ-23 pair parameters /U/	1969
19690082712	Low light level TV viewfinder simulation program - Phase C and D. The effects of operating conditions and sensor and display configuration upon operator target recognition performance /U/ Interim report, Jun. 1967 - Sep. 1968	1969
19690082713	Low light level TV viewfinder simulation program /U/ Final report	1969
19690082717	Evaluation of a high energy monopropellant /U/ Final report, 9 Mar. 1966 - 15 Aug. 1967	1969
19690082718	Energetic propellant plasticizer process development /U/ Interim engineering progress report, 1 Sep. - 31 Dec. 1968	1969
19690082722	High performance airborne laser illuminator AN/AVQ-10 Project Pave Knife. Volume 1 - Design, development, and contractor tests /U/ Final report, 16 Oct. 1967 - 6 Jan. 1969	1969
19690082723	High performance airborne laser illuminator AN/AVQ-10 Project Pave Knife. Volume 2 - Air Force flight test evaluation /U/ Final report, 16 Oct. 1967 - 6 Jan. 1969	1969
19690082727	Ignition research /U/ Quarterly progress report, 29 May - 31 Aug. 1968	1969
19690082728	Aging and surveillance testing of a Minuteman wing 6 stage 2 solid-propellant rocket motor at simulated pressure altitude /motor designation 52MS-11/ /U/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082732	Liquid propulsion technology /U/ Technical status report, Jan. - Mar. 1969	1969
19690082733	The development of spin echo technology /U/ Final report, Nov. 1967 - Jan. 1969	1969
19690082738	The solar atmosphere and the structure of active regions Quarterly status report, 1 Feb. - 30 Apr. 1969	1969
19690082744	A simplified electronic boresight error measuring system	1969
19690082755	Theoretical study of the atomic and molecular gases and their reactions in the upper atmosphere, 1 November 1968 - 30 April 1969	1969
19690082756	Biology Division Quarterly progress report, 1 Jan. - 31 Mar. 1968	1969
19690082758	Investigation in chemical rocket propulsion Monthly progress report, 1-30 Apr. 1969	1969
19690082759	Lunar surface optical environment and experiment package Monthly status report	1969
19690082760	Navigation	1969
19690082762	Carbon tetrachloride-aluminum mixture is exploded	1969
19690082763	Advanced injectors for space storable propellants Monthly progress letter, 1 Oct. 1968 - 1 Jan. 1969	1969
19690082764	Republic Manufacturing Company 3/4-inch check valve, NASA part number 75M05867 FCV-6, NCN-3321-4 Qualification test report	1969
19690082766	Apparatus for high temperature quenching in a vacuum	1969
19690082767	Saturn/Apollo ball and roller bearing investigation Final report	1969
19690082768	Electromagnetic fields and the vital environment	1969
19690082769	Mutagenic effectiveness of known doses of gamma irradiation in combination with zero gravity on neurospora Quarterly progress report, 1 Apr. - 30 Jun. 1968	1969
19690082772	Space geodesy altimetry - Pulse compression radar study Monthly progress report	1969
19690082773	Effects of structure on missile control systems	1969
19690082774	The impossibility of deducing the conservation of the impulse energy of a variational principle in the electrodynamic theory of Wheeler and Feynman	1969
19690082776	Program plan for measurement of Apollo parachute pressure, strain, load, shape, and added mass	1969
19690082777	Interpretation of the cryotrapping effect	1969
19690082778	Research and development programs Quarterly report, Jan. - Mar. 1969	1969
19690082779	Space programs Quarterly report, Jan. - Mar. 1969	1969
19690082782	Grove Valve and Regulator Company, 3000-750 psig pressure reducing regulator, NASA control number 3058-4, NASA part number 75M11856 Test report	1969
19690082786	Capability for muscular exercise under thermal constraint	1969
19690082787	The influence of plasma waves upon the reflectivity of metals /II/	1969
19690082788	Economic study of the market for projected aircraft, part 2	1969
19690082789	The status of thermoemissive direct conversion of energy	1969
19690082796	Physiological long term effect in rotating systems	1969
19690082812	Hypernatremia, azotemia, and dehydration due to high protein tube-feeding	1969
19690082813	Contribution to the development of a nonscaling material from a Ni-Al base	1969
19690082814	Fabrication and properties of nickel aluminide sinter materials	1969
19690082815	Large photocathode image intensifier with image motion compensation Quarterly technical progress report, 1 Jan. - 1 Apr. 1969	1969
19690082816	Fluidic inertial platform Final report, 26 Jun. 1967 - 26 Jun. 1968	1969
19690082817	Ruby laser TKG 102	1969
19690082818	Aircraft fuel gaging systems study Final report, 26 Dec. 1967 - 8 Dec. 1968	1969
19690082820	Improved insulators for IC technology Interim engineering report, 16 Jan. - 15 Apr. 1969	1969
19690082821	Aerobee NRL NB 3.205 /28 March 1969/ Meteorological data report	1969
19690082828	Certification tests of All-Weather Carrier Landing System /AWCLS/ aboard USS Ranger /CVA-61/ for Mode 1A operation Final report	1969
19690082829	Research on new types of antenna systems for the frequency range 2-1200 MHz Final technical report, 30 Jun. 1968 - 28 Feb. 1969	1969
19690082833	Technical evaluation of dc precision electronic multimeters Final report	1969
19690082834	Production engineering measure on gallium arsenide laser diode Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690082836	Stress distribution in a stiffened circular cylindrical shell with a circular cutout under hydrostatic pressure - Multiple ring stiffeners	1969
19690082837	S band telemetry program Interim engineering report, 24 Jan. - 30 Apr. 1969	1969
19690082838	Study of spurious signal generation in microwave tubes Quarterly report, 9 Jan. - 8 Apr. 1969	1969
19690082839	Planar coaxial interconnection techniques Final report, 1 Apr. 1966 - 30 Sep. 1968	1969
19690082840	Small diameter rocket motor cases Technical report, Oct. 1968 - Mar. 1969	1969
19690082841	Feasibility study for return beam vidicon as a scan converter Final technical report, 15 Mar. - 15 Dec. 1968	1969
19690082842	Multiple communication relaying beyond line of sight in the time ordered system via integral relay	1969
19690082843	Characterization of the microwave tensor permeability of partially magnetized materials Semiannual technical report, 5 Aug. 1968 - 5 Feb. 1969	1969
19690082844	Development of improved biaxial strength in titanium alloy rocket motor cases through texture hardening Final report, 1 Mar. 1967 - 15 Feb. 1969	1969
19690082845	Ionospheric parameters deduced from satellite VHF transmissions	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082846	Study-correlation of aerodynamic parameters with compressor erosion Final report, 29 Jun. 1967 - 31 Oct. 1968	1969
19690082847	An experimental investigation of the performance of a small three dimensional Coanda nozzle	1969
19690082848	A study of the flow in a simulated supersonic electrofluidynamic generator flow channel	1969
19690082849	Theory of determining the position of the center of the reference ellipsoid from observations of artificial earth satellites	1969
19690082850	Overwater line-of-sight frequency diversity measurements at GHz Interim report	1969
19690082851	Research study and development of refractories for a pilot heater Final report, Jan. 1967 - Feb. 1969	1969
19690082852	Evaluation of crash position indicator/flight data recorder system in the P-3A airplane Final report	1969
19690082853	Development of cooling device Interim development report, 15 Jun. 1968 - 25 Apr. 1969	1969
19690082854	Vision with closed eyelids. Study on the absorption of luminous energy by the eyelids	1969
19690082855	Exploratory development of target signature technology Final technical report, 16 Feb. 1968 - 15 Feb. 1969	1969
19690082856	Light transmission characteristics of three wire mesh filters for radar displays	1969
19690082857	The foreign technology of solid propellants and their combustion	1969
19690082858	Advanced tunable receiver techniques Final report	1969
19690082859	Resojet 2, Fort Rucker, Alabama, 6-17 May 1968	1969
19690082860	Reliability of geodetic networks and gyrotheodolite measurements	1969
19690082861	Parachute time release ASP-5. Time release for the lock of the pilot's safety belt. AF-3 parachute oxygen apparatus UT-18	1969
19690082862	Elimination of low-density inclusions in titanium alloy ingots Final technical report, 1 Sep. 1967 - 30 Aug. 1968	1969
19690082863	Plasma antenna radiation characteristics Final technical report	1969
19690082864	Properties and application of SiC-base heaters for the production of glass-metal bonds	1969
19690082865	Severe bumping of aircraft caused by high-altitude atmospheric turbulence	1969
19690082866	Sequential multi-decision procedures and stopping rule problems associated with target identification and acquisition systems	1969
19690082881	Effect of nose shape, Reynolds number, and transition strips on transonic dynamic and static longitudinal stability of two flare-stabilized bodies /U/	1969
19690082888	Combustion processes in liquid propellant rocket motors Final report, 1 Sep. 1965 - 31 Aug. 1968	1969
19690082889	Mathematical modeling of aircraft antennas and supporting structures Interim report	1969
19690082890	Operation of the Tonto Forest Seismological Observatory Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690082891	The stress corrosion of metal, its causes, manifestations and effects	1969
19690082892	Quartz crystal unit type CR-67/U and CR-/XM-67//U production engineering measure Quarterly progress report, 25 Aug. - 25 Nov. 1968	1969
19690082893	Loads analysis and structural testing of the AFH-15A strike photo pod	1969
19690082894	Ion implantation doping technique Interim report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690082895	Effects on electronic equipment reliability of temperature cycling in equipment Final report, 29 Jun. 1967 - 30 Nov. 1968	1969
19690082898	Study of the application to and retention of activated charcoals by fabrics Quarterly progress report, Dec. 1968 - Feb. 1969	1969
19690082900	Advanced titanium alloy disk production and evaluation Interim engineering progress report, 1 Feb. 1968 - 31 Mar. 1969	1969
19690082901	In-process control techniques for complex semiconductor structures. Task 2. The application of secondary electron spectroscopy /auger electron analysis/ to surface control program in the manufacturing of silicon devices	1969
19690082902	Development of LP wave discrimination capability using LP strain instruments Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690082903	Satellite unfurlable antenna array Final report, Mar. 1968 - Mar. 1969	1969
19690082904	Design and development of tactical data display group AN/ASA-66 Final engineering report, 28 Sep. 1966 - 28 Feb. 1969	1969
19690082905	Ceramic materials. Volume 1 - Manufacturing and processing Report bibliography, Oct. 1952 - Mar. 1968	1969
19690082906	Ceramic materials. Volume 2 - Literature survey and symposium Report bibliography, Feb. 1953 - Oct. 1967	1969
19690082907	Ceramic materials. Volume 3 - Physical properties Report bibliography, Mar. 1953 - May 1968	1969
19690082908	Ceramic materials. Volume 4 - Chemical properties Report bibliography, Sep. 1953 - Apr. 1968	1969
19690082909	Ceramic materials. Volume 5 - Ceramic coatings Report bibliography, Sep. 1953 - Jun. 1968	1969
19690082910	Ceramic materials. Volume 6 - High temperature applications Report bibliography, Apr. 1951 - Mar. 1968	1969
19690082911	Ceramic materials. Volume 7 - Electronic devices Report bibliography, Oct. 1950 - Jan. 1968	1969
19690082912	Mechanical properties of metals - Review of recent developments	1969
19690082913	Manufacturing technology study - Torpedo Mk 46 pressure transducer Final report	1969
19690082914	Averaging of anomalies and G1 corrections in calculating the characteristics of the gravity field from Molodenskiy's formulas	1969
19690082916	Image-stabilized camera Final report, Dec. 1966 - Jan. 1969	1969
19690082918	Ultra-reliable VHF-FM receiver-transmitter Quarterly report, 13 Sep. - 10 Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082919	Third order phase locked loops	1969
19690082921	Spurious response measurements of a single triode mixer Final report	1969
19690082922	Ultra high speed microcircuit prescaler Interim engineering report, 20 Dec. 1968 - 20 Mar. 1969	1969
19690082923	Conformal/Planar Array Sonar Project - A study of the effect of element rocking on the performance of a planar array of acoustic radiators	1969
19690082924	The 2nd Weather Wing Technical Bulletin, April 1969	1969
19690082925	An investigation of fatigue behavior of reinforced plastics for primary aircraft structures Final report, 1 Feb. 1967 - 1 Jun. 1968	1969
19690082927	On the solution of the second geodetic principal problem for great distances	1969
19690082928	Optical parametric mixing in anisotropic dispersive media Technical report	1969
19690082929	Hydrolytic stability of elastomeric materials, phase report no. 2	1969
19690082930	Effects of target aspect changes on image correlation functions for guidance applications	1969
19690082931	Detonation characteristics of low density granular materials Final report, 1 Jan. 1962 - 31 Dec. 1968	1969
19690082932	Improvement of interlaminar shear strength in plastic composites by plasma deposition of graduated polymeric coatings as coupling agents on fiberglass Final report, 15 Dec. 1967 - 15 Jan. 1969	1969
19690082933	Production engineering measure for C-band, L-band, and S-band grid pulsed triode-and-cavity oscillators Quarterly engineering report, 30 Dec. 1968 - 29 Mar. 1969	1969
19690082934	Heat transfer in sealed nickel-cadmium spacecraft cells and batteries Special technical report, Mar. - Dec. 1968	1969
19690082935	Estimation algorithms for location of stationary radiation sources by bearing measurements from moving aircraft	1969
19690082936	Development of the helicopter performance computer for the SH-3D helicopter Final report	1969
19690082937	Field measurements and analysis of upper atmosphere air motion Final report, 12 Jun. 1967 - 11 Jun. 1968	1969
19690082938	Study of four major forging systems Interim engineering progress report, 31 Aug. 1968 - 31 Mar. 1969	1969
19690082940	Effects of atmospheric turbulence on ground-to-air laser beam propagation	1969
19690082941	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690082942	The concomitant effects of mild sleep loss and an anticholinergic drug Technical report, Jul. 1966 - Dec. 1967	1969
19690082945	Demonstration of a supersonic box method for unsteady aerodynamics of nonplanar wings. Part 2 - Application to the AGARD planforms Technical report, 1 Mar. - 15 Apr. 1967	1969
19690082946	Airfield pavement evaluation, USNALF Crows Landing, California Technical note, 5 Feb. - 3 Apr. 1968	1969
19690082949	A 94 GHz ICEM coaxial magnetron Final report, 22 Dec. 1967 - 21 Dec. 1968	1969
19690082951	Test and evaluation of the BAK-13/F48A aircraft arresting system, phase 1 Final technical report, 26 Jul. 1967 - 5 Aug. 1968	1969
19690082952	A-37B, category 2 systems test Final technical report	1969
19690082954	The 2.75 inch FFAR cost reduction study Project 3 - Removal of forward end inhibitor from propellant grain Mark 43 Mod 1	1969
19690082955	Rapid reversal color processing replenisher Final report, Apr. - Nov. 1968	1969
19690082956	Ion sheath propagation studies Final technical report, 1 Dec. 1965 - 30 Nov. 1968	1969
19690082960	Program 624A quarterly reliability and quality assurance report. Volume 1 - Reliability	1969
19690082961	Water-repellent organosilicon liquids	1969
19690082962	Small scale reactor shielding	1969
19690082964	Photography exploitation techniques Final report, Jun. 1967 - Jun. 1968	1969
19690082965	Category 2 stability and control evaluation of the F-4E aircraft Final report, 1 Feb. 1968 - 8 Apr. 1969	1969
19690082966	White Sands Missile Range climate calendar, 4th edition	1969
19690082967	An experimental study of the effect of inlet geometry on flow and performance of a supersonic nozzle	1969
19690082968	Honest John 05002, missile no. 3154, round no. 587 APL /27 February 1969/, and Honest John 05002, missile no. 3178, round no. 588 APL /27 February 1969/ Meteorological data report	1969
19690082969	Aerobee NASA 4.282 CS /8 April 1969/ Meteorological data report	1969
19690082970	Aerobee AF AT 3.527 /4 April 1969/ and Aerobee AF AG 3.534 /4 April 1969/ Meteorological data report	1969
19690082971	Correlation of laboratory fracture toughness tests with burst tests of thin-wall steel pressure vessels containing a 2t through- crack flaw	1969
19690082972	On a convenient transformation of Molodenskiy's formula for calculating quasigeoid heights and plumbline deflections	1969
19690082973	Development of a microelectronic altitude advisory/alerting system Final report	1969
19690082974	Operation of the Uinta Basin Seismological Observatory Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690082975	BLM-143A Ku beacon magnetron production engineering measure Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690082976	Evaluation of visor, helmet, flying type, HGU-2A/P, experimental laser protector	1969
19690082977	Stabilization of a liquid-filled shell by inserting a cylindrical partition in the liquid cavity	1969
19690082978	Psychological stress on humans Bibliography report, Oct. 1944 - Jun. 1968	1969
19690082979	Semi-empirical simplification of convective heat transfer relationships	1969
19690082981	Evaluation of phosphoric acid matrix fuel cells Semiannual report, 18 Aug. 1968 - 18 Feb. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690082983	Production engineering measure for high- reliability aluminum electrolytic capacitors Quarterly report, 20 Sep. - 20 Dec. 1968	1969
19690082984	Design of small resonant spheres Technical report	1969
19690082986	An experimental study of the magnitude and direction of lateral thrust developed by a three-dimensional Coanda nozzle	1969
19690082987	Feasibility of flywheel high-energy storage Final report, 1 Apr. 1968 - 15 Apr. 1969	1969
19690082988	Design and fabrication of the intervalometer for battlefield illumination system /IBIS/	1969
19690082989	Lunar Excursion Module /LEM/, volume 1 Report bibliography, 1952 - Dec. 1968	1969
19690082990	Study program for precision signal conditioning for multiple interior communications systems Technical report	1969
19690082991	On perfecting the variation of the Heron combustion chamber for Otto engines	1969
19690082993	Target signature and target background studies for image intensifiers Quarterly technical report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690082994	Hydropneumatic shock-absorber legs with automatic level regulation	1969
19690082995	Various types of scraper rings and their effectiveness	1969
19690082996	Rotor blade antenna Final report, 1 Jul. 1967 - 31 Oct. 1968	1969
19690082997	On the adjustment with supplementary minimum conditions for functions of the unknowns	1969
19690082998	The increase of the earth's radius	1969
19690082999	Sonic cavitation threshold - An appraisal of published research and an annotated bibliography	1969
19690083000	Reliability and performance characteristics of Honest John thermal battery after dormancy	1969
19690083001	Electron beam recorder for satellite surveillance TV Final report, Jun. 1968 - Jan. 1969	1969
19690083002	Laboratory investigations on possible corrosion phenomena in light-alloy cylinder heads. Experimental research on a carburetor with a fluidic metering device. On the use of choke systems in gauging non-steady flows	1969
19690083004	A study of digital techniques for signal processing Quarterly status report, 1 Feb. - 30 Apr. 1969	1969
19690083005	Feasibility study of constant ground track satellite orbits	1969
19690083006	Study program for precision signal conditioning for multiple interior communications system Final report	1969
19690083007	Research on dissemination processes Quarterly progress report, Oct. 1968 - Jan. 1969	1969
19690083008	The orthometric gravity correction for precision leveling in the Hohe Tauern	1969
19690083009	Pressure pulse moving with constant velocity on the surface of a layered material /locking-elastic layer-subseismic half- space/ Technical report, Jan. - Nov. 1968	1969
19690083010	Purification of selected chemical compounds by thermal diffusion Final report, Sep. 1967 - Oct. 1968	1969
19690083011	Engineering evaluation of modified MA-2 integrated torso harness with Raschel knit fabric Final technical report	1969
19690083014	Electrical and optical behavior of copper sulfides	1969
19690083015	The tornado signal	1969
19690083016	Apollo guidance, navigation and control - Entry flight data from Apollo 8	1969
19690083017	A research and development study of the principle of buoyant force measurement for use as a vacuum measurement standard	1969
19690083019	Marotta Valve Corporation 3 way, 2 position pneumatic solenoid valve, NASA part no. 75M08825-5, NASA control no. 3076-4 Reliability test report	1969
19690083020	Coding instructions for NASAP 69/I /Network Analysis for Systems Applications Program/, revision no. 1	1969
19690083021	Advanced studies of stochastic processes - Estimation of power spectra from nonstationary flight data Final report, Mar. 1968 - Apr. 1969	1969
19690083022	Entry flight data from Apollo 7	1969
19690083025	Propulsion simulation module accuracy study	1969
19690083030	AN/PPS- / / high reliability study Amendment to final report	1969
19690083031	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments. Part 1 - Permeability-environment relations	1969
19690083032	Genetic studies of hydrogen bacteria and their applications to biological life support systems Status report, 1 Nov. 1968 - 30 Apr. 1969	1969
19690083035	Study of advanced bladder technology Final report, 1 Jul. 1968 - 1 May 1969	1969
19690083036	Performance characteristics of a parabolic and a conical underwater acoustic reflector Interim report	1969
19690083037	Optical processing techniques Final technical report, 16 Jan. 1967 - 15 Jan. 1969	1969
19690083038	Reduction of wall interference effects in the AEDC-BWT 1-ft transonic tunnel with variable perforated walls Final report	1969
19690083039	Expressions of energy and impulse of an electromagnetic field characteristic of an electron in motion	1969
19690083041	Apollo Mission G - Spacecraft to spacecraft VHF coverage	1969
19690083042	Techniques for producing beryllium oxide single crystals Interim report, 1 Jan. - 31 Mar. 1969	1969
19690083044	Optimizing the combination of strength and stress-corrosion resistance of 7075 aluminum by thermal-mechanical treatments Final report, 15 Sep. 1968 - 15 Mar. 1969	1969
19690083045	Integrated Ku-band phase shifters Final technical report, 1 Jun. 1967 - 1 Mar. 1969	1969
19690083046	The planet Mars, volume 2 Bibliography report, Jan. 1953 - Dec. 1968	1969
19690083047	Refractories and their use at high temperatures	1969
19690083048	Explorer 35 second interim report and Explorer 33 fourth interim report with AIMP project bibliography	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083049	Electromagnetic surface waves on a semi-infinite metal /III/	1969
19690083050	Plasma physics - Resolved time spectroscopic diagnosis of a plasma created by focusing a laser bundle on a gas	1969
19690083052	An investigation of the lunar multipath problems associated with the Apollo spacecraft S-band tracking antennas	1969
19690083053	Programmer's manual, load matrix computer program, TRW program no. HE0007E	1969
19690083055	CSM high gain antenna look angle conversions	1969
19690083057	Development of nondestructive tests for predicting elastic properties and component volume fractions in reinforced plastic composite materials Technical report, 1 Jul. 1967 - 30 Jun. 1968	1969
19690083058	Investigation to improve microwave acoustic delay lines Final report, 5 Feb. 1968 - 4 Feb. 1969	1969
19690083060	Addition of fiducial marks and polarizing filter to the lunar surface superwide Hasselblad camera Final study report	1969
19690083061	A study of water metabolism in Neurospora crassa Quarterly report	1969
19690083062	High-efficiency ion lasers	1969
19690083063	Adsorption of gases at liquid-nitrogen temperature by porous solids in relation to pore volume or specific surface	1969
19690083064	Studies in communication systems theory Final report, 1 Jan. - 1 Jul. 1968	1969
19690083065	Error bounds for the white Gaussian and other very noisy memoryless channels with generalized decision regions	1969
19690083066	Performance of stochastic-signal communication systems using spectral estimations	1969
19690083067	Stochastic sequential machines with prescribed performance criteria	1969
19690083068	Silicon nitride manufacturing process Interim engineering progress report	1969
19690083069	Magnetohydrodynamic generators, volume 2 Bibliography report, Jan. 1953 - Dec. 1968	1969
19690083071	Communication systems performance and coverage analysis for Apollo 11 /G type mission/. Volume 4 - Operational data	1969
19690083072	Communication systems performance and coverage analysis for Apollo 11 /G type mission/. Volume 5 - S-band Doppler predictions	1969
19690083074	Analytic return-to-earth program - Moon reference. Volume 2 - Programming manual	1969
19690083075	Beverages and nutrients of workers employed in a high temperature environment	1969
19690083076	Atomic clocks Report bibliography, 1953 - Dec. 1968	1969
19690083077	Atmospheric turbulence MTF measurements for airborne surveillance techniques, part 2 Final technical report, 20 Nov. 1967 - 31 Dec. 1968	1969
19690083078	New synthetic methods for silicon-nitrogen polymers, part 1 Technical report, 23 Jan. - 31 Dec. 1968	1969
19690083081	An infrared systems analysis program for the IBM 7094 computer	1969
19690083083	Parachute pull-out apparatus	1969
19690083084	Apollo Mission 10 /summary of studies/. Subject 1 - Stafford. Subject 2 - Young. Subject 3 - Cernan	1969
19690083085	Normative values /ground control for Apollo Mission-10/. Subject 1 - Baird	1969
19690083087	User's manual for load matrix computer program, TRW program no. HE0007E	1969
19690083088	Biosatellite data reduction system	1969
19690083089	Programmable command generator	1969
19690083090	Research on energy conversion in flowing systems Scientific report, 1 Jan. - 31 Dec. 1968	1969
19690083091	Test program on durability of aircraft coatings Final report	1969
19690083092	Investigation of the effects that take place when foreign gases are added to a carbon dioxide laser	1969
19690083093	Specialized infrared emulsions Final report, 1 Jan. 1966 - 1 Jan. 1969	1969
19690083096	Propellants, rockets and missiles, FY 69 Quarterly progress report, 1 Jul. - 30 Sep. 1968	1969
19690083097	Marine geophysical survey program 1965-1967 - Western North Pacific Ocean and South China Sea. Area 13, volume 6 - Catalog of data Final report	1969
19690083098	Marine geophysical survey program 1965-1967 - Western North Pacific Ocean and South China Sea. Area 12, volume 6 - Catalog of data Final report	1969
19690083099	Pyrotechnics. Volume 1 Report bibliography, Jan. 1953 - Dec. 1968	1969
19690083102	Sidewinder missile, volume 1 Report bibliography, 1953 - Mar. 1968	1969
19690083103	Underwater habitats Report bibliography, Jan. 1962 - Dec. 1968	1969
19690083104	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft Interim engineering progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690083105	Electronic anti-intrusion device safety reliability analysis, volume 4 Final report	1969
19690083106	Digital voice compression system prototype Final report	1969
19690083108	Evaluation of the AN/GPA-129 tactical video mapper Final report, 20 Jan. - 28 Feb. 1969	1969
19690083109	Investigation of nondestructive methods for the evaluation of graphite materials, part 2 Technical report, 15 Apr. 1967 - 15 May 1968	1969
19690083111	Searchlights. Report bibliography, Jan. 1953 - Aug. 1968	1969
19690083112	First article testing of radio frequency distribution systems Final report	1969
19690083113	Quantum interferometer Quarterly technical report, 15 Oct. 1968 - 15 Jan. 1969	1969
19690083114	Inhibition of stimulated emission by perturbation of the lower level	1969
19690083116	Hydrated stannous chloride as a temperature sensor - A feasibility study	1969
19690083120	High performance fuel cell Quarterly technical report, 1 Jan. - 31 Mar. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083123	Spurious output reduction in magnetrons and TM01 study. Volume 1. Spurious output reduction in magnetrons Final development report, 30 Dec. 1966 - 30 Jun. 1968	1969
19690083124	Spurious output reduction in magnetrons and TM01 study. Volume 2. TM01 study Final development report, 30 Dec. 1966 - 30 Jun. 1968	1969
19690083126	Rapid identification of microorganisms using light-scattering techniques Annual report, May 1968 - Mar. 1969	1969
19690083127	Vehicle field survey for stress corrosion cracking of aluminum alloy 5083 armor /MIL-A-46027/	1969
19690083137	Quantitative gas flow measurements using a moire optical system	1969
19690083139	Riometer development program. Part 1 - Filter techniques to reduce radio interference Final report	1969
19690083140	Surveymarine - A high speed hydrographic survey platform Informal report	1969
19690083146	Interrelation between the formation conditions, structure, and physical properties of thin films of intermetallic compounds Final report, 1 Apr. 1967 - 31 Oct. 1968	1969
19690083147	Behavior study of sapphire wool aluminum and aluminum alloy composites Final technical report, 1 Jan. - 30 Dec. 1968	1969
19690083149	Propagation of essentially monochromatic illumination for reconnaissance applications	1969
19690083150	Space communications. Division 6 Quarterly technical summary report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690083155	A method of determining the aerodynamic properties of symmetric bodies in free flight	1969
19690083156	Selected applications of nonlinear differential equations, volume 3 Bibliography report, 1952 - Apr. 1968	1969
19690083157	Nonlinear differential equations, volume 4 Bibliography report, Jan. 1963 - Oct. 1968	1969
19690083164	The design, development, construction and installation details of a 1,000 KVA ac electroslag remelting facility Phase 2 report, part 1	1969
19690083176	Bearings, volume 2 Report bibliography, Jan. 1953 - Dec. 1968	1969
19690083177	Life support in space travel, volume 2 Report bibliography, 1952 - Jun. 1968	1969
19690083182	Boundary layer transition study	1969
19690083183	On optimizing the piloting of an aircraft in turbulence	1969
19690083184	Investigation of Analytical Techniques for Solving the Parachute Inflation Process	1969
19690083197	LM-5 final data analysis	1969
19690083199	Analysis of tension impact tests on the nylon webbing structure of an Apollo pilot chute riser	1969
19690083203	Radiation heating. Apollo convective heating rates. Special studies Final summary report, 1 Jul. 1968 - 30 Jun. 1969	1969
19690083204	Apollo 9 LM-3 descent propulsion system Final flight evaluation	1969
19690083205	A solution for a matrix differential equation in optimal control theory	1969
19690083206	Mark 2 torus experiment Quarterly progress report, 27 Dec. 1968 - 26 Mar. 1969	1969
19690083208	Fuels and cladding Quarterly report, Jan. - Mar. 1969	1969
19690083210	A hybrid rocket technique for hot jet simulation in wind tunnels	1969
19690083212	Nuclear reactor for space propulsion	1969
19690083213	Spacecraft rocket engine chamber insulation materials Final report, 1 Jul. 1968 - 31 Mar. 1969	1969
19690083214	LM and CSM S-band antenna tracking studies Progress report for fiscal year ending 30 Jun. 1969	1969
19690083216	Structure of the magnetopause - A comparison between satellite magnetometer data and theory Progress report, 15 Oct. 1968 - 15 Apr. 1969	1969
19690083217	Multi-component, foreign species injection, heat transfer, skin friction and mass transfer correlations for the hypersonic, laminar boundary layer in the stagnation region including chemical reactions	1969
19690083218	An analytical and experimental development program for inflatable solar shields. Volume 1 - Program summary, results, and conclusions Final report	1969
19690083219	An analytical and experimental development program for inflatable solar shields. Volume 2 - Materials development and testing Final report	1969
19690083220	An analytical and experimental development program for inflatable solar shields. Volume 3 - Scale-model tests Final report	1969
19690083222	NEW MOONS thermal model test report	1969
19690083223	Coolant corrosion of reactor materials, metals, and ceramics	1969
19690083224	Progress report and renewal request	1969
19690083240	Carboxyl-terminated hydrogenated diene copolymers /U/	1969
19690083241	Polyisobutylene binders /U/	1969
19690083242	Saturated hydrocarbon binders by telomerization of olefins /U/	1969
19690083244	Determination of molecular weight by measuring colligative properties /U/	1969
19690083245	Functionality and functionality distribution measurements of binder prepolymers /U/	1969
19690083246	Functionality determination through Flory network theory /U/	1969
19690083250	Aerodynamic characteristics at Mach numbers of 2.30, 2.60, and 2.96 of a domestic supersonic transport configuration with a fuselage modified for sonic-boom benefits /U/	1969
19690083252	Effect of roughness of simulated ablated material on low-speed performance characteristics of a lifting-body vehicle /U/	1969
19690083253	Performance of the external compression inlet of a 1/6-scale model of a variable-sweep tactical fighter at transonic speeds, phase 1 /U/	1969
19690083255	Aerodynamic characteristics of a modified missile model with cruciform wings and on-line tail controls at Mach 1.60 to 4.63 /U/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083256	Savannah River Laboratory isotopic power and heat sources. Part 2 - Curium-244 and plutonium-238 /U/ Quarterly progress report, Oct. - Dec. 1968	1969
19690083257	Compact thermoelectric converter, phase 2-C /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690083260	Electroacoustic wave tunable filter Final report, Dec. 1967 - Dec. 1968	1969
19690083261	Active interference cancellation systems Final report, 20 Nov. 1967 - 30 Nov. 1968	1969
19690083262	High-strength, broadband, lightweight silicon oxide radome techniques Technical summary report, 1 Mar. 1968 - 29 Feb. 1969	1969
19690083263	On a particular experimental technique for the determination of temperature in the moving parts of internal combustion engines	1969
19690083264	Optical fundamentals of underwater photography	1969
19690083265	Characteristics of thermally processed photographic film Interim technical report, 1 May - Nov. 1968	1969
19690083267	Report of visit to Honeywell, NASA, Marshall Space Flight Center and American General Scientific Company	1969
19690083269	Investigation of aircraft chemical extinguishant fire and explosion suppression systems Final report, 1 Feb. - 10 Dec. 1968	1969
19690083270	Production engineering measure for type CR-/XM-56/ /U/ Final report, 16 Feb. 1966 - 31 Jan. 1969	1969
19690083271	Evaluation of Ni-Fe and Ni-Zn batteries Final report, 1 Nov. 1967 - 30 Jan. 1969	1969
19690083272	An expanded tape listing program for the GE 635/645 computer Final report	1969
19690083273	Improved CdTe solar cell and array environmental effects investigation Final report, 1 Mar. 1967 - 1 May 1969	1969
19690083274	Color diffusion transfer Final technical report, 1 May 1967 - 1 Jan. 1969	1969
19690083327	Rocket plume deposits /U/	1969
19690083353	Space isotope power program /U/ Quarterly report, Oct. - Dec. 1968	1969
19690083355	Translations on French nuclear, missile, space, and related military developments, no. 184	1969
19690083356	Utilization of habrobracon and artemia as experimental materials in bioastronautic studies Status report, Jan. - Jun. 1969	1969
19690083357	A matrix-steered radar concept Final report	1969
19690083358	Electron reduction in the reentry plasma sheath	1969
19690083359	A 30-inch diameter collimator Final report, Aug. 1967 - Dec. 1968	1969
19690083362	Launch vehicle system requirements and restraints for the Nimbus D project	1969
19690083363	A multipurpose phase equilibrium apparatus to study mixtures of cryogenic fluids - Applications to argon-methane	1969
19690083364	Project Apollo communication systems performance and coverage analysis for Apollo 11 /G type mission/. Volume 1 - Launch and earth parking orbit	1969
19690083365	Steam Cooled Fast Module /SCFM/. Neutronics and thermal hydraulics	1969
19690083366	Cytochemical studies of planetary microorganisms-explorations in exobiology Status report, 1 Jan. - 31 Mar. 1969	1969
19690083367	CMOS full adder and shift register Final report	1969
19690083368	Manned spacecraft microbial load monitor Final report	1969
19690083370	Translations on French nuclear, missile, space, and related military developments, no. 183	1969
19690083371	MIDAS 4 - A general digital simulation program, revision B	1969
19690083374	Reentry physics research program in turbulent wakes Semiannual progress report, 1 Jul. - 31 Dec. 1968	1969
19690083375	Development of a miniature capacitive resolver Final report, Jan. 1968 - Apr. 1969	1969
19690083376	Rapid heating and loading of 5052-H34 aluminum alloy sheet	1969
19690083379	Meteorological and diffusion parameter distributions	1969
19690083380	Simulation research to develop objective meteorological prediction capability	1969
19690083381	The foreign technology of liquid propellants and their combustion Surveys of foreign scientific and technical literature	1969
19690083382	Photodissociation in the case of electronically excited fragments of hydrogen, water and ammonia in extreme vacuum - Ultraviolet, 2	1969
19690083384	Solid State Division Progress report, 1 May - 31 Oct. 1968	1969
19690083410	Operational data for Charge 2	1969
19690083411	NASCOM network ground communications reliability report	1969
19690083412	Irradiation effects on reactor structural materials Quarterly progress report, Nov. 1968 - Jan. 1969	1969
19690083415	Correlated and uncorrelated diffusion via edge dislocations	1969
19690083416	Meteorological sensors and measuring techniques in the atmosphere, 1968 Final report, 1 Mar. 1967 - 28 Feb. 1969	1969
19690083418	Theory of operation and circuit description, programmable 20-bit pseudorandom PRF generator, revision 1	1969
19690083420	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report, 1 Jan. - 31 Mar. 1969	1969
19690083424	The solution of equations in the calculus of logic	1969
19690083425	The design and test of two space radiator configurations. Volume 2 - Thermal design and test of an FC-75 internally finned tube radiator	1969
19690083431	An approach to nuclear fuel modelling	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083432	ORNL Sol-Gel coated particle fuel irradiation in Dragon Second Charge. Part 1 - Preparation, characterisation, and irradiation	1969
19690083433	Investigation of low cost molding materials having a specific gravity range of 1.8 to 2.0	1969
19690083434	Effects of neutron radiation of the change of some physical parameters of semiconductors of the Te-Se-Bi, Te-Sb-Bi type	1969
19690083436	Effect of notches on fatigue strength of composite materials	1969
19690083437	Voltage regulator, APN 11150399	1969
19690083438	Infrasonic frequencies Report bibliography, 1953 - Mar. 1969	1969
19690083439	Further development of a thermodynamic constitutive theory - Stress formulation	1969
19690083440	Bottom reverberation measurements in the Norwegian Sea and the North Atlantic Ocean	1969
19690083441	Properties of 18 Ni-8Co-3Mo /180 grade/ maraging steel	1969
19690083443	A wind tunnel investigation of the Hypersonic Air-to-Ground Rocket /HAGR/ over an angle-of-attack range from 0 deg to 180 deg at subsonic, transonic and supersonic speeds	1969
19690083445	Rocket exhaust gas ingestion effects on the ZAP/A-4 aircraft/J52 engine system	1969
19690083446	Friction and wear of solid materials sliding in ultrahigh vacuum and controlled, gaseous environments Technical report, 1 Mar. 1968 - 28 Feb. 1969	1969
19690083447	Failures in grain exposed to rapid changes of environmental temperatures /an application of linear cumulative damage concepts/ Quarterly report, 1 Nov. 1968 - 1 Jan. 1969	1969
19690083448	A program for the study of the effects of magnetic storms and micropulsations on magnetic airborne detectors	1969
19690083449	Submillimeter low noise detector and amplifier Semiannual report, 17 May - 17 Dec. 1968	1969
19690083452	Uniaxial strain behavior of four geological materials to 50 kilobars Final report	1969
19690083453	Seeding cold fog with pyrotechnics	1969
19690083455	Two-dimensional viscous compressible flow in a slender channel	1969
19690083456	Coherent detection kit for ADF set AN/ARN-83 Quarterly progress report, 30 Aug. - 29 Nov. 1968	1969
19690083457	Development of a field change kit for interference blanker /defruiter/ MX-8110/UPX Final report	1969
19690083458	Aircrew protective clothing and devices request for flight and service evaluation of experimental antiblackout garment Mark 2A cutaway type Final report, Mar. - Apr. 1969	1969
19690083459	Passive LOPAIR	1969
19690083460	Mw S-band pulsed coaxial magnetron Final report, 27 Oct. 1966 - 31 Mar. 1969	1969
19690083461	Meteorological sounding rocket launch report /thirty-four vehicles launched between 20 April - 13 July 1968/ Final report	1969
19690083462	Broadband laser display system Progress report, Jul. - Dec. 1968	1969
19690083463	A comprehensive review of V/STOL downwash impingement with emphasis on wind induced recirculation	1969
19690083464	Rechargeable metal-air cell Final report, 1 May 1967 - 30 Nov. 1968	1969
19690083465	Integrated K-band transceiver Quarterly technical report, 1 Oct. - 31 Dec. 1968	1969
19690083466	High pressure biomedical research in Genoa and La Spezia	1969
19690083467	A computer code for high-speed data retrieval Technical report, Jan. 1967 - Mar. 1969	1969
19690083469	Time division multiple access and coherent array systems Final technical report, 1 Jan. 1967 - 31 Dec. 1968	1969
19690083471	Pressure distributions on a multipurpose entry vehicle at Mach number 1.5, 3.0, and 5.5 Final report	1969
19690083472	Aerodynamic calibration results for the AEDC-PWT 16-ft supersonic tunnel at Mach numbers from 1.50 to 4.75 Final report, 23 Jul. - 19 Aug. 1968	1969
19690083473	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors Quarterly report, 13 Sep. - 31 Dec. 1968	1969
19690083474	Electromagnetic boresight control problems of radar transmission through a radome Final technical report, 1 Jun. 1968 - 28 Feb. 1969	1969
19690083475	Pitot-pressure measurements in a two-stage nozzle system Interim report, Nov. 1967 - Mar. 1968	1969
19690083477	Hydrocarbon fuel cell electrodes Final technical report, 16 Jan. - 15 Nov. 1968	1969
19690083478	Research to determine the nature of deleterious interactions of refractory materials with high temperature air species Quarterly report, period ending Mar. 1969	1969
19690083479	Nickel-base superalloy oxidation Technical report, 1 May 1967 - 31 Dec. 1968	1969
19690083481	Advanced ceramic systems for rocket nozzle applications Progress report, 1-31 Oct. 1968	1969
19690083482	Structural analysis of NOL explosion testing facilities	1969
19690083483	Investigation of explosives sensitivity to fragments and overpressure. Part 1	1969
19690083484	Aerial delivery material and techniques Surveys of foreign scientific and technical literature	1969
19690083485	Current information on lubrication and fuel technology Survey of foreign scientific and technical literature, Jun. - Sep. 1968	1969
19690083487	Multiple reflective laser detector diode Final report, 1 Feb. 1966 - 31 Mar. 1969	1969
19690083488	An interferometer study of air flow near the exit of a constant area duct	1969
19690083489	LF to VHF shipboard direction finding research Interim development report, 1 Jan. - 31 Mar. 1969	1969
19690083490	Long-period triaxial seismograph development Final report, 15 Jun. 1966 - 28 Feb. 1969	1969
19690083491	Dispersion strengthened metal structural development Interim technical report, 1 Feb. - 1 May 1969	1969
19690083492	Liquid facilitating of start of internal combustion engines	1969
19690083493	Arctic rubber	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083494	Theoretical investigation of bulk semiconductor techniques for application to phased array microwave devices Annual progress report, 1 Jan. - 31 Dec. 1968	1969
19690083506	Architecture and operational research - Is collaboration possible?	1969
19690083508	Application of self-organizing control techniques to high-performance missiles Final technical report, 17 Nov. 1967 - 16 Nov. 1968	1969
19690083509	Research to investigate the mechanisms of transient radiation induced latchup in integrated circuits Final report, 1 Jan. - 31 Dec. 1968	1969
19690083510	Separated flow phenomena on a slender cone at Mach 5 Final report	1969
19690083511	A computer analysis of pressure distribution over slender bodies at subsonic speeds	1969
19690083512	Ku-band pulse power amplifier Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690083513	Implantment of SNAP-7E acoustic beacon and results of early studies, 1964-1965	1969
19690083514	The interaction of a moving shock with the convergent section in a shock tube	1969
19690083515	Optical study of supersonic flow over a rearward facing step	1969
19690083516	Interferometer study of free convection about a rectangular cavity in a flat plate	1969
19690083519	Titanium 6 Al-4V hydraulic plumbing for advanced aerospace vehicle Final report, 1 Jul. 1966 - 21 Mar. 1969	1969
19690083525	Investigation of the effect of finite spectral slit width on the spatial resolution of emission and absorption coefficients in inhomogeneous sources of cylindrical symmetry	1969
19690083526	On estimating the entropy of random fields	1969
19690083527	Numerical solutions and visual display of flow over aerodynamic bodies Progress report	1969
19690083528	An analysis of the benefits of satellite systems to navigation, telecommunication and traffic control services. Volume 1 - Summary and principal results of the study Final report	1969
19690083529	An analysis of the benefits of satellite systems to navigation, telecommunication and traffic control services. Volume 2 - Analysis of navigation systems using satellites and inertial navigators	1969
19690083530	An analysis of the benefits of satellite systems to navigation, telecommunication and traffic control services. Volume 3 - Study of frequency selection for COM/NAV satellite systems	1969
19690083531	An analysis of the benefits of satellite systems to navigation, telecommunication and traffic control services. Volume 4 - Analysis of benefits of satellites to air and marine operations	1969
19690083532	An analysis of the benefits of satellite systems to navigation, telecommunication and traffic control services. Volume 5 - Comparative evaluation of satellite systems	1969
19690083533	An analysis of the benefits of satellite systems to navigation, telecommunication and traffic control systems. Volume 6 - Socioeconomic and sociopolitical factors associated with the development of satellite systems for navigation, communication, and traffic control	1969
19690083534	Interrelations of perceived size and distance Semiannual progress report, Jan. - Jun. 1969	1969
19690083536	Crack propagation under dynamic loading	1969
19690083538	Present development of the fuel cell and its use for automobile propulsion	1969
19690083540	Effects of notches and salt water corrosion on the flexural fatigue behavior of high strength structural alloys	1969
19690083541	High energy coherent radiation effects on organophosphorus esters Final report, Mar. 1967 - Apr. 1968	1969
19690083542	F-111A category 2 stability and control tests Final report	1969
19690083543	Exploratory tests of alumina spheres under external pressure	1969
19690083544	Development of hybrid computer programs for simulation of an instrument flight formation system for helicopters Final report, May - Aug. 1967	1969
19690083545	Calibration of the AEDC-PWT 1-ft transonic tunnel with variable porosity test section walls Final report	1969
19690083546	Athena 5-138D, flight 114 /27 March 1969/ Meteorological data report	1969
19690083547	Combined elastic-plastic deformation of thick-wall hollow spheres under external pressure	1969
19690083550	Application of the peak gain method	1969
19690083551	The transparency of the lids for light of different wavelengths	1969
19690083552	Methods for two-and three-way classification analysis of variance with disproportionate entries	1969
19690083553	Action of pressurized oxygen on some enzymes of human hemolysed erythrocytes	1969
19690083554	A statistical analysis of the solar granulation velocity and intensity fields on the light of the Fe 6569 angstrom line	1969
19690083555	Effects of sea reflections on phase of arrival of line-of-sight signals	1969
19690083556	Development of hybrid computer programs for simulation of Cheyenne /advanced aerial fire support system/ Final report	1969
19690083557	Performance of two Hercules, Inc., BE-3-A9 solid-propellant rocket motors under the combined effects of simulated altitude and rotational spin Final report	1969
19690083558	Sorption of amino acids by aluminum and ferric hydroxides during their quantitative determination in acid hydrolizates of the soil	1969
19690083559	Measurements of short-term air-temperature and wind-velocity fluctuations	1969
19690083560	Freon-113/PCA,TF/ contamination in high pressure gas systems Interim report	1969
19690083567	The structure of the moon's surface	1969
19690083571	Investigation of stress waves and effects of hypervelocity impact	1969
19690083572	On the dependence of reading efficiency on gloss of paper and printer's ink	1969
19690083573	Development in the study of vltavites	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083574	The dependence of light sensitivity of the semiconductor-metal systems on the thickness of the semiconductor film	1969
19690083575	Study of visual confirmation of altitude during LM descent	1969
19690083576	Development of hybrid computer programs for simulation of Cobra. Volume 1 - Cobra airframe simulation Final report	1969
19690083577	Development of hybrid computer programs for simulation of Cobra. Volume 2 - A 7.62 mm ballistic simulation Final report	1969
19690083578	ASSAP task E-45A experimental studies follow-on to task 2	1969
19690083579	Investigations of underwater-curing epoxies Technical report, Jul. 1967 - Jul. 1968	1969
19690083580	Introduction to the programming of electronic digital computers for scientific technical calculations in communications and electronics	1969
19690083581	Electrochemical corrosion-rate measurement of galvanically coupled SNAP-23 materials in seawater	1969
19690083582	Evaluation of radar altimeter AN/APN-184/V/	1969
19690083583	Development of replacement for the tube type 8116 for use in AN/WRC-1 radio set Quarterly report, 6 Jan. - 6 Apr. 1969	1969
19690083584	Vacuum-evaporated, single-crystal silicon film on a sapphire substrate	1969
19690083586	Communication systems performance and coverage analysis for Apollo 11 /G type mission/. Volume 2 - Transposition and docking, translunar coast, transearth coast, and entry	1969
19690083587	Apollo guidance and control system flight experience	1969
19690083589	Contaminant distribution study Final technical report	1969
19690083590	An horizon definition experiment	1969
19690083591	Shock wave behavior during its interaction with a boundary layer in transonic and shock-tube flows	1969
19690083592	High-output variable compression ratio piston single cylinder research program Final technical report	1969
19690083594	Transistorized inverter for a motor speed control	1969
19690083596	Design analysis evaluation and recommendation on a large overland transporter system lots	1969
19690083597	Jovial sort and search routines for the DM-1 system Final technical report	1969
19690083598	An evaluation of small closed-cycle cryogenic refrigerators as cooling devices for infrared detectors	1969
19690083599	Aerobee NASA 4.251 /14 March 1969/ Meteorological data report	1969
19690083600	Solid state electronic stepper switch for MER/TER bomb racks Final report, 22 Apr. 1966 - 20 May 1969	1969
19690083601	Research on electrochemical energy conversion systems Interim technical report	1969
19690083602	A high-frequency radio ionospheric propagation path simulator	1969
19690083603	Aerospace plasma and electromagnetic phenomena Surveys of foreign scientific and technical literature	1969
19690083604	Fluidic three axis stability augmentation system for the CH-46A helicopter Final report, 28 Dec. 1966 - Nov. 1968	1969
19690083605	Frequency agile amplifier Final technical report, 30 Jun. 1967 - 28 Feb. 1969	1969
19690083606	Honest John /05002/ missile no. 3221, round no. 589 APL /11 March 1969/, and /05002/ Honest John missile no. 3296, round no. 590 APL /11 March 1969/ Meteorological data report	1969
19690083609	Research on new techniques in absorption and emission spectroscopy Quarterly progress report	1969
19690083610	Study of surface properties of atomically- clean metals and semiconductors Semiannual report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690083611	Feasibility study of a deep penetration gas tungsten arc welding technique for fabricating out-of-chamber butt welds in thick titanium alloy plate	1969
19690083612	Masers and lasers	1969
19690083613	Fluidic temperature sensors for naval power plant applications - An exploratory study	1969
19690083614	The use of solid state detectors with converter foils for neutron spectroscopy	1969
19690083654	Evaluation of the UH-1F helicopter with thin tip main rotor blades Final technical report, 21 Feb. - 27 Jun. 1968	1969
19690083655	Development and evaluation of control logic modules used in a solid state switching system	1969
19690083656	High visibility display Final report, 1 Aug. 1967 - 15 Jan. 1969	1969
19690083657	Research on laser balancing of rotating turbine components Interim technical report, 1 Feb. - 30 Apr. 1969	1969
19690083658	Poseidon semiconductor captive line process development Progress report, 16 Nov. 1968 - 15 Mar. 1969	1969
19690083661	Research on whisker-reinforced metal composites Final report, Apr. 1968 - Apr. 1969	1969
19690083662	Potential distributions in BaTiO sub 3 ceramics in a humid atmosphere	1969
19690083663	Tetrahedron flow beam geometry for microwave tubes Triannual report, 4 Jun. - 3 Oct. 1968	1969
19690083664	Adhesive bonding of silicone rubber to Kralastic for the LAW launcher	1969
19690083665	Product improvement - Gas turbine model GTCP100-54, gas turbine models GTC85 series GTCP95-2 air turbine starter Final summary report	1969
19690083666	Adaptive target tracker Final technical report, 25 Dec. 1967 - 24 Dec. 1968	1969
19690083667	Generation of giant pulses with a ruby laser by the rotating mirror method at lower speeds	1969
19690083668	Directional antenna	1969
19690083669	Translations on French nuclear, missile, space, and related military developments, no. 186	1969
19690083673	Lecture series in differential equations. Session 8 - Numerical solutions	1969
19690083674	Test and evaluation of specialized material Quarterly report, 22 Feb. - 21 May 1969	1969
19690083676	Lecture series on differential equations. Session 7 - Stochastic differential equations	1969
19690083677	A new cathepsin. Purification from bovine spleen properties and comparison with cathepsin B	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083679	Rain attenuation and backscatter of radio waves in the millimeter region	1969
19690083680	Review of sonic boom phenomenology Final report	1969
19690083681	Antenna processing for target detection in a nonuniform clutter background - The stationary time-varying case	1969
19690083682	Development and test of Large Overland Transporter System /LOTS/ Final report, Jan. 1966 - Jan. 1969	1969
19690083683	Simple flow of a fluid containing deformable structures	1969
19690083684	Altitude tests of three United Technology Center subscale Titan 3-C/D booster motors for determination of thrust vector control performance Final report	1969
19690083685	Microwave hybrid development program Quarterly progress report, 13 Dec. 1968 - 12 Mar. 1969	1969
19690083686	Constant-pressure gas turbine with series connected explosion gas turbine	1969
19690083688	Analysis of night illumination data collected at CFB Gagetown Technical note, Sep. - Nov. 1967	1969
19690083691	The 2.75-inch folding fin aircraft rocket, volume 1 /U/ Final report, Jul. 1967 - Oct. 1968	1969
19690083692	The 2.75-inch folding fin aircraft rocket. Volume 2 - Appendixes /U/ Final report, Jul. 1967 - Oct. 1968	1969
19690083693	Development and demonstration of an advanced attitude control system, phase 1 /U/ Technical report, Apr. - Oct. 1968	1969
19690083695	A review of recent compatibility and stability studies on hydrazinium disperchlorate /U/ Technical report, 1 Jul. - 1 Sep. 1968	1969
19690083698	[No Title]	1969
19690083705	Fluoric system for sensing radio-frequency- induced currents /U/	1969
19690083707	Apex variation and initiator effects in linear shaped charges /U/	1969
19690083712	Fiber optic image inverter /U/ Interim technical report, 1 Jan. - 31 Mar. 1967	1969
19690083713	Defining the optimum high energy, advanced maneuvering propulsion system /U/	1969
19690083715	HR-338E camera /U/ Final report	1969
19690083716	Investigation of improved weapon delivery by means of aircraft handling modifications /U/ Final report, Jan. 1967 - May 1968	1969
19690083717	Production engineering measure on laser-diode array /U/ Quarterly progress report, 30 Sep. - 31 Dec. 1968	1969
19690083718	Sonar classification techniques study /U/ Final report, May 1968 - Apr. 1969	1969
19690083720	Calculations of thermal consequences of lunar surface roughness Final report	1969
19690083721	Integrated conformal arrays Final report, 9 Feb. 1968 - 28 Feb. 1969	1969
19690083722	Dynamics of mechanical systems coupled to energy sources Semiannual progress report, 1 Dec. 1968 - 31 May 1969	1969
19690083724	Technical status report, rocket propellant program - Propellants laboratory /U/ Technical memo, Jan. - Mar. 1969	1969
19690083725	Hybrid tactical operations development /U/ Final report, 1 May 1968 - 15 Feb. 1969	1969
19690083726	Experimental investigation of twin jet aircraft/exhaust nozzle installation effects /U/	1969
19690083728	Explosives research and development /U/ Quarterly progress report, Jan. - Mar. 1969	1969
19690083729	Properties of photodetectors /photodetector series, 79th report/ /U/	1969
19690083731	Design and installation of a liquid fluorine facility /U/	1969
19690083732	Command guidance pulse track link /U/	1969
19690083735	Advanced solid and monoliquid gas generators /U/ Final report, 27 Jun. 1967 31 Dec. 1968	1969
19690083739	Guidance and control for guided missiles and component development /U/ Technical status report, Jan. - Mar. 1969	1969
19690083740	US Army propulsion laboratory and center /U/ Technical status report, Jan. - Mar. 1969	1969
19690083741	Force tests on a 1.85 elliptic cone at Mach numbers from 3 to 6 /U/ Final report	1969
19690083743	Final results of the supplemental testing and analysis of the Colossus 2A flight program for the Apollo 11 mission	1969
19690083744	An investigation of the lunar multipath problems associated with the Apollo spacecraft S-band tracking antennas, addendum	1969
19690083745	Uniformly-sensitive line hydrophones /U/	1969
19690083746	Synthesis of energetic oxidizers /U/ Technical progress report, 8 Jan. 1968 - 7 Jan. 1969	1969
19690083747	Aging and surveillance testing of a Minuteman wing 6 stage 2 solid-propellant rocket motor at simulated pressure altitude motor /S/N AA20031, designation OP-3/ /U/	1969
19690083750	Cepstrum techniques applied to active sonar classification /U/	1969
19690083753	Packaged Liquid Air Augmented Rocket /PLAAR/ /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690083754	Demand mode integral rocket ramjet /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690083755	Theoretical and experimental studies of the nature and characteristics of space-related plasma resonance phenomena Semiannual report, 1 Jul. - 31 Dec. 1968	1969
19690083757	Omega Position Location Equipment Control Center development and experiment data analysis U-25-815800-F Final report, 29 Jun. 1966 - 31 Jan. 1969	1969
19690083758	Photochromic materials research for optical display Final report, 1 May 1968 - 30 Apr. 1969	1969
19690083759	Mission G /AS 506/CM 107/LM 5/ G and N error analysis	1969
19690083760	Development of a parallel-polarized low profile fan beam antenna	1969
19690083761	Concept for a cordless underwater communications system	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083764	An interpretation of wind tunnel test results on some wing-body configurations designed to delay high speed buffet onset	1969
19690083768	Timation 1 ground station /U/	1969
19690083769	Nutatron gyro development /U/ Final report, 1 Jun. 1967 - 31 Dec. 1968	1969
19690083770	New high-density amine fuels /U/ Quarterly technical report, 3 Jan. - 31 Mar. 1969	1969
19690083776	RVTO phase 1A reentry data for WT1A-L2 and WT1A-S3 vehicles /U/ Final report	1969
19690083784	Advanced inertial-sensor techniques, volume 1 /U/ Final research and development technical report, 16 Oct. 1967 - 15 Oct. 1968	1969
19690083785	Close coupling calculations of low-energy electron scattering. Volume 1 - Hydrogen atoms Technical report, 15 Jan. 1966 - 15 Aug. 1968	1969
19690083786	Close coupling calculations of low-energy electron scattering. Volume 2 - Tables of R and T matrices Technical report, 15 Jan. 1966 - 15 Aug. 1968	1969
19690083789	Monitoring selected medical problems of space flight, volume 2 Report bibliography, 1953 - Aug. 1968	1969
19690083794	Test report for pneumatically operated 4-inch butterfly valve NASA part no. 75M05869-CBFV-24, NASA control no. 3096-4	1969
19690083795	Test report for Helicoid pressure gauges, Helicoid Gage Division, NASA part no. 76K00012-13 and 76K00012-18 NASA control no. 3211-4	1969
19690083796	Prototype production process for fabrication of wire and tubing by hydrostatic extrusion drawing Interim engineering progress report, 1 Feb. - 30 Apr. 1969	1969
19690083797	The MAGIC-SAM C target analysis technique. Volume 6 - The application of the combinatorial geometry technique to armored combat vehicles Final report, Aug. 1966 - Sep. 1967	1969
19690083798	Solid rocket structural integrity abstracts, volume 6, no. 1	1969
19690083799	White phosphorus, volume 1 Report bibliography, Jan. 1953 - Dec. 1968	1969
19690083800	Test report for Moore Products Company pressure regulator part no. 40-30, NASA part no. 75M 15214 PPR-2 /NASA control no. 3251-4/	1969
19690083801	User's guide to geographic/selenographic program	1969
19690083802	Final results of the supplemental testing and analysis of the LUMINARY 1A flight program for the Apollo 11 Mission	1969
19690083803	Standard Ablation Program /STAB 2/ user's manual	1969
19690083804	Verification test plan for the generalized multi-maneuver processor	1969
19690083807	A spacecraft cabin leak repair system Final report	1969
19690083811	Translations on French nuclear, missile, space, and related military developments, no. 185	1969
19690083812	Saclay center gets new electron accelerator	1969
19690083813	Space activities reviewed, praised as sound	1969
19690083819	Cybernetics in the USSR Surveys of foreign scientific and technical literature	1969
19690083820	Implementation test report for the 484N-/B/ Kanto Plains communications system, volume 1 Final report	1969
19690083821	Implementation test report for the 484N-/B/ Kanto Plains communications system. Volume 2 - Dc power subsystem Final report	1969
19690083822	Implementation test report for the 484N-/B/ Kanto Plains communications system. Volume 3 - Radio facility, and antenna and transmission line Final report	1969
19690083823	Implementation test report for the 484N-/B/ Kanto Plains communications system. Volume 4 - Radio link Final report	1969
19690083824	Implementation test report for the 484N-/B/ Kanto Plains communications system. Volume 5 - Order wire facility link Final report	1969
19690083825	Implementation test report for the 484N-/B/ Kanto Plains communications system. Volume 6 - Multiplex facility and technical control Final report	1969
19690083826	Implementation test report for the 484N-/B/ Kanto Plains communications system. Volume 7 - Multiplex link Final report	1969
19690083827	Implementation test report for the 484N-/B/ Kanto Plains communications system, volume 8 Final report	1969
19690083828	Saturn - A Review of the Planet and Its Environs	1969
19690083829	Qualification of MIL-L-23699A aircraft turbine engine candidate oil, Shell WRGL 202 Final report	1969
19690083835	Rocket meteorological soundings in Spain	1969
19690083836	Advances in the application of mass spectrometers as specific ionization detector indicators for gas chromatography	1969
19690083837	The dislocation structure of the boundary layer when silver and copper are joined	1969
19690083840	One-year study to improve methods of processing scatterometer data Monthly progress report, 1 Dec. 1968 - 1 Jan. 1969	1969
19690083841	Lunar guidance analysis high speed program input/output instructions	1969
19690083842	Spacecraft to spacecraft VHF coverage Summary technical report, 1 Jun. 1968 - 1 Jun. 1969	1969
19690083843	Apollo Heat Shield Flight Data Summary	1969
19690083847	PCM telemetry system operations manual, revision A, part 1	1969
19690083848	PCM telemetry system operations manual, revision A, part 2	1969
19690083849	New Spectral Emission Source with Controlled Electronic Excitation of Vapor Jet	1969
19690083851	Synthesis of 4-4 prime diacenaphthylomethane and 4-4 prime diacenaphthylketone and their oxidation derivatives	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083852	Preliminary report on long range seismic measurements participation in Project Miracle Play-Diode Tube	1969
19690083853	Ion migration in thin films Final report, 8 Nov. 1965 - 28 Feb. 1969	1969
19690083854	Titanium panel extrusion production program Final technical report, 30 Mar. 1966 - 9 Feb. 1969	1969
19690083855	A manufacturing progress development for the electroslag melting and casting of materials. Part 2, phase 1 Progress report, 15 Jul. 1966 - 31 Dec. 1968	1969
19690083856	Random-vibration analysis system for complex structures. Part 2 - Computer program description Final report, Jul. 1966 - Dec. 1967	1969
19690083857	Development of audio transducer helmet assembly Final report, 2 Jan. 1967 - 30 Sep. 1968	1969
19690083858	Machine extracting program /Russian/ Final technical report	1969
19690083859	Low profile /TEM-line/ antenna study Final report, 5 Oct. 1966 - 1 Feb. 1969	1969
19690083860	Generalized model analysis of integrated circuit vulnerability. /Formerly generalized model for semiconductor radiation response prediction Quarterly report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690083861	Linear integrated circuits /field effect RF amplifier/mixer integrated circuits/ Quarterly report, 8 Oct. 1967 - 7 Jan. 1969	1969
19690083862	Atmospheric structure, White Sands Missile Range, New Mexico. Part 4 - Upper air data, day-night variations at WSD	1969
19690083873	Rocket engine fluidic control system /U/ Final report	1969
19690083875	Research in high energy oxidizers /U/ Final report, 15 Feb. 1968 - 15 Feb. 1969	1969
19690083876	Research and Exploratory Development for the Office of Aeronautical Research National Aeronautics and Space Administration /U/ Quarterly Report, 1 Jan. - 31 Mar. 1969	1969
19690083877	Storable liquid oxidizer /U/ Quarterly interim report, 1 Feb. - 30 Apr. 1969	1969
19690083878	Oxamide explosive composition /U/	1969
19690083879	Test and evaluation of nozzle insert materials using fluorinated oxidizer and hydrazine fuel propellants /U/ Final report, 15 Feb. 1967 - 15 Mar. 1969	1969
19690083880	Development and advanced technology programs /U/ Memorandum report, 1 Oct. 1967 - 31 Mar. 1968	1969
19690083881	Wind tunnel tests of the FDL-7MD unmanned supersonic test vehicle USTV at Mach numbers from 1.5 to 4.0 /U/ Final report	1969
19690083883	Study and literature survey of stress state transducer development, phase 1. Volume 1 - Technical analysis Final report, 20 Jun. - 20 Nov. 1968	1969
19690083884	A numerical solution of transonic flow in a convergent-divergent nozzle Final report	1969
19690083885	Apollo/Saturn space vehicle POGO analysis S-2 stage	1969
19690083886	Investigation of fabrication technology for hafnium-tantalum alloys Final report, 9 May 1968 - 9 Feb. 1969	1969
19690083887	High speed complementary MOS FIFO shift register for BORAM buffer Quarterly report, 15 Aug. - 15 Nov. 1968	1969
19690083888	Hydrocarbon fuel handling and contamination control Final report, 1 Dec. 1967 - 1 Dec. 1968	1969
19690083890	Failure mechanisms in sealed batteries Semiannual technical report, 1 Jul. - 31 Dec. 1968	1969
19690083891	A 5-kilowatt, 1-kilovolt, laminated battery transistor Interim engineering report, 1 Jan. - 31 Mar. 1969	1969
19690083892	Microwave generation from avalanche transit time diodes Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690083893	Production engineering measure for crystal unit CR-/XM-69//U and CR-/XM-70//U Quarterly report, 16 Dec. 1968 - 16 Mar. 1969	1969
19690083894	Nitrogen tetroxide corrosion products Final report	1969
19690083895	Wide dynamic range correlator for envelope preservation - A floating point technique Technical memorandum	1969
19690083898	Selection and performance of gas-lubricated bearings for miniature cryogenic turbomachinery Final report, Mar. 1967 - Oct. 1968	1969
19690083899	Stress-wave emission generated during the hydrostatic compression testing of glass spheres Final report	1969
19690083900	Development of high response 75-lbf monopropellant rocket engine assemblies /U/ Final report, 24 Apr. 1968 - 4 Mar. 1969	1969
19690083901	Chamber technology for space storable propellants /U/ Quarterly report, 26 Dec. 1968 - 26 Mar. 1969	1969
19690083909	A method for calculating a two-point single-pass orbit /U/ Final report	1969
19690083913	Ablation rates of barrier layers in selectable-impulse motors /U/	1969
19690083914	Effects of high burning rate propellants on a terminal interceptor /U/	1969
19690083920	Technical status report gun propellant program propellants laboratory /U/ Technical memo, Jan. - Mar. 1969	1969
19690083921	Data on scramjet inlet at Mach 14 /U/ Final report	1969
19690083924	Development of a packageable oxidizer /U/ Quarterly technical report, 1 Jan. - 31 Mar. 1969	1969
19690083934	Aerodynamic characteristics of the FDL-5B high L/d configuration at Mach numbers 1.5 to 10 /U/ Final report, 5 Dec. 1968 - 10 Feb. 1969	1969
19690083936	Ionic fluorine chemistry /U/ Semiannual status report, 1 Dec. 1968 - 30 Apr. 1969	1969
19690083937	Hybrid gas generators for air-augmented rocket applications /U/ Final report	1969
19690083938	Application of optimization techniques to the lateral control of the E2A	1969
19690083940	Airspace/airport capacity increase potential	1969
19690083941	Symmetrical microstrip IC structures Quarterly interim engineering report, 15 Jan. - 15 Apr. 1969	1969
19690083945	Investigation of a distributed-flow, high thruput, monopropellant gas generator with hydrazine blend fuels /U/ Technical publication, Jul. 1967 - Jun. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690083947	High energy explosive binders. Volume 2 - Binder development and evaluation /U/ Final report, 1 Oct. 1967 - 31 Dec. 1968	1969
19690083952	[No Title]	1969
19690083953	New high energy oxygen oxidizers /U/ Final report, 1 Apr. 1968 - 3 Feb. 1969	1969
19690083960	Ducted rocket inlet characterization program. Part 3 - Configuration 3B modified and configuration 4B air induction system test report /U/ Final report, 18 Jul. 1968 - 1 Feb. 1969	1969
19690083962	User's manual. Volume 5 - Turbulent boundary layer program /rebound/ Research report, Jun. 1966 - Oct. 1967	1969
19690083963	Effects of electrostatic fields on heat transfer under forced convection conditions	1969
19690083964	A decision theoretic approach to the stochastic approximation of the root of an unknown function	1969
19690083965	Air-inflatable Ioran-D antenna Final technical report, 15 Apr. 1968 - 15 Jan. 1969	1969
19690083966	Calculation of tangent and secant moduli by a cubic polynomial least squares fit method	1969
19690083967	Compensation and avalanche techniques for tree hardening. Volume 2 - Nuclear damage on avalanche transistors and diodes Technical report, 15 Nov. 1966 - 14 Sep. 1967	1969
19690083969	Doping of semiconductors and semiconducting films, volume 2 Report bibliography, Jan. 1963 - Feb. 1969	1969
19690083970	Geosciences and technology bulletin, volume 6, no. 3	1969
19690083972	Product support program for the T76-G-10 and T76-G-12 engines Quarterly technical progress report	1969
19690083973	Research toward preparing bulk shapes of beryllium oxide by chemical vapor deposition techniques Quarterly report, 11 Dec. 1968 - 15 Mar. 1969	1969
19690083974	Investigation to improve the stress corrosion resistance of aluminum aircraft alloys through alloy additions and specialized heat treatment Final report, 15 Dec. 1967 - 14 Dec. 1968	1969
19690083975	A study of microwave interaction with a thin semimetal film Interim development report, 15 Dec. 1968 - 15 Mar. 1969	1969
19690083976	Feasibility studies for regeneratable charcoal filters Quarterly progress report, Jan. - Apr. 1969	1969
19690083977	Short-period multicomponent strain system Supplement to final report, 8 Nov. 1968 - 25 Apr. 1969	1969
19690083979	Manufacturing techniques for application of a duplex W/Si-W coating on tantalum components Interim progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690083980	Post-test analysis of SNAP-23A 10-couple modules no. 2 and 4	1969
19690083981	Manual attitude control of the lunar module	1969
19690083982	Hot corrosion of coated superalloys in a gas turbine environment Quarterly progress report, 1 Jan. - 1 Apr. 1969	1969
19690083983	Fiber reinforced metals and alloys Final report, 1 Mar. 1968 - 28 Feb. 1969	1969
19690083984	The foreign technology of liquid propellants and their combustion Surveys of foreign scientific and technical literature	1969
19690083985	A silicon monolithic linear SCR trigger circuit phase 3PEM production Final report	1969
19690083986	A discussion of nuclear radiation vulnerability and hardening procedures for shipboard and associated electronic systems Final report	1969
19690083987	Development of a high resolution electron gun for airborne electron beam on film recorders Final report, 1 Sep. 1967 - 1 Mar. 1969	1969
19690083988	Control of thin film interface barriers Interim technical report, 1 Sep. 1968 - 1 Mar. 1969	1969
19690083989	Research on new concepts in energy conversion Quarterly technical progress report, 1 Feb. - 30 Apr. 1969	1969
19690083990	Study and investigation of infrared detector envelope problems Final report, 1 Mar. 1968 - 1 Apr. 1969	1969
19690083991	The static and dynamic longitudinal stability derivatives of a 10 degree cone at transonic speeds for several center of gravity positions	1969
19690084014	Automatic signal classification video bandwidth estimation Technical report, Nov. 1967 - Nov. 1968	1969
19690084015	Experimental studies on the oscillatory combustion of solid propellants	1969
19690084016	An absolute fluorometer for the US Navy phosphate-glass-dosimeter standards system	1969
19690084017	Effect of dose and partial-body X-irradiation on the lethality response of rats to low temperature	1969
19690084018	Laser scanning recording system-digital recorder Final technical report, Apr. 1968 - Mar. 1969	1969
19690084019	Redesigned stabilizing rod for the 2.75-inch rocket motor	1969
19690084020	Tactical traffic and system analysis message catalog. Volume 1 - Message listings and analysis Final report, Feb. 1968 - Apr. 1969	1969
19690084021	Tactical traffic and system analysis message catalog. Volume 2 - Message descriptions Final report, Feb. 1968 - Apr. 1969	1969
19690084023	Shock waves resulting from explosions at an air-water interface. Report 1 - Analytical study	1969
19690084024	Target analysis kit Final report, 21 Oct. - 25 Nov. 1968	1969
19690084025	Antenna cable Linear Transport Drive /LTD/ development plan	1969
19690084026	Performance in relation to adaptation to environment and the effects thereon of disease, nutrition and training Annual progress report, 1 May 1968 - 1 May 1969	1969
19690084028	United States Naval Oceanographic Office marine geophysical survey program 1965 - 1967, North Atlantic Ocean, Norwegian Sea and Mediterranean Sea, area 7/4. Volume 6 - Oceanographic stations and velocity profiles Final report	1969
19690084029	New and improved cutting tool materials Final technical report, Sep. 1965 - May 1968	1969
19690084030	Program 624A quarterly reliability and quality assurance report. Volume 1 - Reliability	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084031	AC-119G aircraft limited performance and stability and control tests Final report	1969
19690084032	Engineering design handbook. Liquid-filled projectile design	1969
19690084033	SUB50-52 - FORTRAN subroutine for sequential plotting Research and development report, Sep. - Nov. 1967	1969
19690084034	Feasibility of predicting airblast-induced ground motions by the statistical analysis of Fourier transforms calculated from measured nuclear and HEST time-histories, volume 1 Technical report, Dec. 1966 - Nov. 1968	1969
19690084035	Thermoelectricity, its possibilities and prospects	1969
19690084036	Research in glass laser system technology Final report, 20 Jun. 1967 - 19 Sep. 1968	1969
19690084037	A modern Army mobile weather radar AN/TPS-41	1969
19690084038	Turbulent diffusion of small particles Quarterly progress report, Dec. 1968 - Mar. 1969	1969
19690084039	Liquid metal magnetohydrodynamics Final report, 12 Jan. 1967 - 12 Sep. 1968	1969
19690084040	Ka-band radome design	1969
19690084041	Research on a high energy non-aqueous battery system Quarterly progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690084042	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690084043	Study of transverse wave interactions Final report, 1 May 1965 - 31 Aug. 1968	1969
19690084044	Physical properties and chemical analyses of electrolytes for sealed silver-zinc batteries Special technical report, Jul. 1966 - Mar. 1969	1969
19690084045	NMR-EPR communications terminal equipment Final technical report, 16 Jan. 1968 - 16 Jan. 1969	1969
19690084048	Mechanical properties of age-hardened titanium-aluminum and titanium-copper alloys Technical report, 1 Jan. - 31 Dec. 1968	1969
19690084049	Bounds for use in stochastic network analysis	1969
19690084050	A reliability analysis approach to fatigue life variability of aircraft structures Final report, 1 Feb. 1968 - 1 Feb. 1969	1969
19690084051	Time line sheets, payload system	1969
19690084052	Research and development on a non-scanning microwave frequency identifier Quarterly report, 5 Feb. - 30 Apr. 1969	1969
19690084053	Production engineering measure for hybrid quartz filters 10 MHz to 30 MHz Quarterly progress report, 23 Dec. 1968 - 23 Mar. 1969	1969
19690084054	Advanced ballistic missile defense study. Volume 1 - General description and special reports	1969
19690084055	Advanced ballistic missile defense study. Volume 2 - Baseline	1969
19690084056	Schematic block diagrams, payload fairing system	1969
19690084058	Dispersed phase strengthened beryllium alloys for high strength wire Final technical report, 1 Jul. 1967 - 30 Sep. 1968	1969
19690084059	Advanced electron optics Interim technical report, 1 Nov. 1968 - 28 Feb. 1969	1969
19690084060	Parametric excitation of surface oscillations in a plasma in the presence of an external high frequency field	1969
19690084061	Description of the computer code FIPDIG, Project DRAGON	1969
19690084063	Interaction of short laser pulses with solid materials	1969
19690084064	PBI process operability evaluation Technical report, 15 Jan. - 31 Dec. 1968	1969
19690084065	Effect of inclusions as measured by ultrasonic methods on the mechanical properties of aircraft quality steel Final technical report, 1 Jun. 1966 - 31 Mar. 1968	1969
19690084066	Methodology for determining the performance degradation of damaged parabolic reflector antenna systems	1969
19690084067	Mechanical Properties Data Center operation and development Final report, 15 Nov. 1967 - 15 Nov. 1968	1969
19690084068	Millimeter wave oscillations in GaAs using the LSA mode Interim technical report	1969
19690084069	Manufacturing methods report Technical report, 30 Jan. - 30 Apr. 1969	1969
19690084070	Effect of nonuniform electric fields on drift instabilities	1969
19690084071	Improved primary circuit maintenance techniques - The removal of E primary heat exchanger, Project DRAGON	1969
19690084072	Saturation effects in bending magnets	1969
19690084073	Turbojet engine analyzer system flight test evaluation and ground data processing Final report, Apr. 1963 - Sep. 1965	1969
19690084074	Mass spectrometric study of rare earth-carbon systems. 3 - The holmium-carbon and dysprosium-carbon systems Final technical report, 1 May 1967 - 30 Apr. 1968	1969
19690084076	New ablative plastics and composites, their formulation and processing Summary report, Feb. 1968 - Feb. 1969	1969
19690084077	Development of an aircraft fuel additive to suppress the bulk flammability of fuel Final report	1969
19690084079	Testing the imperviousness of various plastic materials to viruses	1969
19690084080	Hydrographic data for the Mediterranean Sea	1969
19690084081	A repeating water gun device for studying erosion by water jet impacts	1969
19690084082	A photoelectric position detector for satellite tracking	1969
19690084083	F-2 flight trajectory data summary	1969
19690084084	High-temperature energy systems with plasma reactors and inductive magnetoplasmadynamic converters	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084085	Evaluation of pulse transformer, APN 11151307	1969
19690084086	Combat load factor experiences on the F-5A and F-105D aircraft Technical report, Sep. 1967 - Jun. 1968	1969
19690084087	Propellant ingredient safety Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690084089	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 9 Jan. - 8 Apr. 1969	1969
19690084090	Design of the White Sands Range and range rate system Final report	1969
19690084091	Research on the ignition of solid propellants Final report, 1 Oct. 1963 - 30 Sep. 1968	1969
19690084092	Production engineering measure on CR-/XM-53//U quartz crystal units Final report, Oct. 1964 - Jan. 1969	1969
19690084094	Preliminary evaluation of materials for use in liquid propulsion system	1969
19690084095	The effects of some transition metal compounds on the performance characteristics of aluminum/sodium nitrate compositions	1969
19690084096	Design study of ultra high speed PN code generator and bi-phase modulator Final report, 29 Jun. 1968 - 15 Apr. 1969	1969
19690084097	High chamber pressure and multiple restart nozzle materials investigation design and analysis report /U/	1969
19690084100	Inorganic halogen oxidizers /U/ Annual report, 30 May 1968 - 31 Mar. 1969	1969
19690084107	Research and development of semiconductor diodes for use in harmonic generator applications using single diodes Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690084108	Development of electrolyte systems and forming solutions for aluminum electrolytic capacitors Final engineering report, 1 Jun. 1965 - 31 Dec. 1968	1969
19690084109	Studies of surface chemistry of solids in dissemination Quarterly progress report, Aug. - Oct. 1968	1969
19690084111	Intensifying tubes for faint or rapidly changing images	1969
19690084112	A method of calculating the potential, plumbline deflections and Stokes' constants on the basis of Molodenskiy's integral equation for the disturbing potential	1969
19690084113	A model for the spectral emissivity of carbon dioxide in the 4.3 micron band	1969
19690084114	Experimental and theoretical investigation of energetic compounds for advanced chemical propulsion systems Final report, 1 Jun. 1967 - 31 Dec. 1968	1969
19690084115	Incoherent scattering linewidth in Monte Carlo transport codes Technical report, 16 Aug. 1967 - 16 May 1968	1969
19690084116	Thermal grain refinement of 300 grade maraging steel Technical report, Apr. 1968 - Feb. 1969	1969
19690084117	Monthly report number 1, 14 April - 14 May 1969	1969
19690084118	Beryllium wire-metal matrix composites program Quarterly report, 1 Feb. - 30 Apr. 1969	1969
19690084119	V/STOL flight test instrumentation requirements for extraction of aerodynamic coefficients, volume 2 Final report, Dec. 1967 - Sep. 1968	1969
19690084120	Analysis of V/STOL flight control system concepts as related to operational effectiveness Final report, 9 Jan. - 31 Dec. 1967	1969
19690084121	Direct gamma-induced currents in buried cables	1969
19690084122	Notes on planar, cylindrical electromagnetic waves and propagation circularly-symmetric transmission lines, topical report	1969
19690084123	High temperature extrusion lubricants Final report, 1 Jul. 1965 - 7 Jan. 1969	1969
19690084124	An improved manufacturing process for the production of higher purity superalloy powders Final report, 1 Jul. 1967 - 30 Jul. 1968	1969
19690084125	On the admissible separation of gravity points in the determination of geopotential numbers in mountains, moderate hills, and plains	1969
19690084126	Bibliography on atmospheric transport, dispersion, and depletion processes, volume 2	1969
19690084127	Millimeter radome design techniques Technical report, 1 Feb. 1968 - 31 Jan. 1969	1969
19690084128	Development of a broadband S-band amplifier Interim report, 1 Oct. - 31 Dec. 1968	1969
19690084129	User's guide for NODC's data processing systems	1969
19690084130	Marine magnetic and bathymetric profiles in the Gulf of California, 1967	1969
19690084132	An evaluation of methods to measure atmospheric visibility	1969
19690084133	Aerodynamics of jets pertinent to VTOL aircraft Final report, 1 Jul. 1968 - 31 Jan. 1969	1969
19690084134	Parallelism exposure and exploitation in digital computing systems Final technical report, 19 Jul. 1968 - 28 Feb. 1969	1969
19690084135	Analytical studies of the energy storage process at porous carbon electrodes in molten salt electrolytes Final technical report, 8 Mar. 1968 - 7 Mar. 1969	1969
19690084136	Evaluation of tunnel diode, apn 11080132	1969
19690084137	Investigation of fast wave beam/plasma interaction Quarterly report, 1 Sep. - 30 Nov. 1968	1969
19690084138	Nighttime ionospheric profile matching for 1030 UT, 1 August 1967	1969
19690084139	The mean phase for laser beam propagation in the atmosphere	1969
19690084140	Allowing for the vertical gradient in the absolute determination of the earth's gravity	1969
19690084142	Relationships between parameters of the gravity field of the equipotential spheroid in determinant form	1969
19690084143	Modeling of integrated circuit components for transient radiation response prediction Final report, 28 Nov. 1967 - 15 Nov. 1968	1969
19690084144	Ultra high-speed data modem Final technical report, 7 Nov. 1967 - 10 Feb. 1969	1969
19690084145	A study of the geometry of elasto-hydrodynamic films in point contact Final summary report, 1 Feb. 1968 - 31 May 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084146	On the calculation for the transformation of coordinates from the geocentric to the geographic system	1969
19690084147	Research to measure the evaporation and condensation coefficients on certain refractory compounds. Part 1 - The evaporation mechanism of silicon nitride. Part 2 - A Knudsen cell heating system for mass spectrometric study of the vaporization of graphite at elevated temperatures Technical report, 1 Feb. 1968 - 31 Jan. 1969	1969
19690084148	Aeromagnetic map of the western Mediterranean	1969
19690084149	The Freon 113 and water transmission rates of microporous polypropylene films	1969
19690084150	Transmitting and receiving formulas for antennas and field intensity meters, phase 1	1969
19690084151	Investigation of fast wave beam-plasma interactions Final report, 1 Mar. 1966 - Feb. 1969	1969
19690084152	Air contamination in aeroballistic ranges - Effects on resonant cavity measurements and reduction to insignificant levels Final report, Nov. 1967 - Feb. 1968	1969
19690084153	Production of dry process divalent silver oxide electrodes by continuous rolling Quarterly report, Sep. - Nov. 1968	1969
19690084154	Vibration analysis of a high speed tension test	1969
19690084155	Foundational research projects Quarterly report, Jan. - Mar. 1969	1969
19690084156	An experimental dual-channel atmospheric optical communication system	1969
19690084157	Ten years of climatic protection	1969
19690084158	Computer programs for the prediction of aircraft take-off performance on clay and sand airfields Final report, Sep. 1967 - May 1968	1969
19690084159	Silicon integrated circuits for airborne and portable radars Quarterly report, 27 Nov. 1968 - 26 Feb. 1969	1969
19690084160	Some aspects of constructing machines for use in the tropics	1969
19690084161	Falling mass hazard neutralization concept feasibility demonstration Final report, 27 Jun. 1968 - 27 Apr. 1969	1969
19690084162	Investigation of rotary actuation technique Quarterly technical report, 3 Jan. - 3 Apr. 1969	1969
19690084163	Visual discrimination performance in the monkey following a 10,000 rad pulse of mixed gamma-neutron radiation	1969
19690084164	Investigation of the S-327-B1 Squibs for use in the tactical fighter dispenser explosive opener	1969
19690084166	Program of positron studies Final report, 5 Mar. 1968 - 4 Mar. 1969	1969
19690084167	Project Themis - Metal deformation processing Semiannual report	1969
19690084168	The diet of military pilots in the Swiss Air Force	1969
19690084169	A Fiat experimental turbine engine of the differential type	1969
19690084170	Development of distance measuring equipment modification kit, phase 2 Quarterly report, 16 Dec. 1968 - 15 Mar. 1969	1969
19690084171	Method for preparing poly /cycloacetals/, and of fibers, threads and sheets made from these poly /cycloacetals/	1969
19690084172	Flight evaluation of the enlarged A-4 canopy Final report	1969
19690084173	Report on the relative measurements of gravity with pendulum apparatus in the time from 1808 to 1909 and on their representation in the Potsdam gravity system. Table 6 - Russian measurements	1969
19690084174	Thermally activated deformation in alpha titanium Technical report, Jul. 1967 - Dec. 1968	1969
19690084175	Critical comparison of several methods to determine the curvature of the vertical	1969
19690084177	Evaluation of modified T11, Dow, US Steel, Alcoa T11, and Fenestra landing mats Final report	1969
19690084178	Design, installation and preliminary evaluation of the UBSO long-period digital data acquisition system	1969
19690084179	A unified approach to optimum and suboptimum processing for arrays	1969
19690084180	The Randle Cliff radar - A potential incoherent backscatter facility for ionospheric research Interim report	1969
19690084181	Research and development program on NMR-EPR communication receiver-2 Final technical report, 13 Dec. 1967 - 13 Dec. 1968	1969
19690084182	Liquid oxygen servicing requirements Final report, Jan. 1967 - Jul. 1968	1969
19690084183	Vortex phenomena study Final phase report	1969
19690084184	Research investigation of corrosion-resistant material for electrochemical cells Interim report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690084185	Calibration of the AEDC-PWT 4-ft transonic tunnel with modified walls Final report	1969
19690084186	Techniques of obtaining high-purity surfaces	1969
19690084187	Pulsed magnetic field ferromagnetic microwave generator Final progress report	1969
19690084188	An exploratory investigation of the time dependent mechanical behavior of composite materials Final report, 1 Aug. 1967 - 1 Nov. 1968	1969
19690084189	Manufacturing technology for superior microwave acoustic transducers Interim engineering report, 1 Jan. - 31 Mar. 1969	1969
19690084191	DRAGON operations group Quarterly progress report, Sep. - Nov. 1968	1969
19690084192	Analytical and flight simulator studies to develop design criteria for VTOL aircraft control systems Final report, Dec. 1967 - Oct. 1968	1969
19690084193	Chemistry and materials science division, Whiteshell nuclear research establishment Progress report, 1 Jan. - 31 Mar. 1969	1969
19690084194	Applied physics division Progress report 1 Jan. - 31 Mar. 1969	1969
19690084197	Preparation of polyimino-benzoxazoles and polyimino-benzothiazoles Technical report, Jan. 1967 - May 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084198	Design and fabrication of hydrazine storability test tanks Final report, 7 Mar. 1968 - 10 Mar. 1969	1969
19690084199	Comparison of fracture toughness values obtained using semi-infinite aluminum plates with values obtained using laboratory size specimens Final report, Nov. 1965 - Dec. 1967	1969
19690084200	Parallel bionics simulator system Final report, Feb. 1968 - Feb. 1969	1969
19690084201	C-141A interim structural recording program /VGH/ Final report, 4 Sep. 1966 - 30 Nov. 1968	1969
19690084202	Chemically activated pressure sintering of oxides Technical report, Nov. 1967 - Aug. 1968	1969
19690084203	Development of high temperature quartz Bourdon tube pressure transducer TR2501 Final engineering report, 1 Jul. 1965 - 1 Jan. 1969	1969
19690084204	On the 1967 geodetic reference system	1969
19690084206	Ausforging large, high-strength steel aircraft structural components Interim engineering progress report, 24 Feb. - 23 May 1969	1969
19690084207	A-7D stability and control military preliminary evaluation /phase 1C/ Final report	1969
19690084208	A study of millimeter propagation in the earth's atmosphere	1969
19690084213	RVTO phase 1A reentry data final report for WT1A-L3 and WT1A-S4 vehicles /U/	1969
19690084215	Endoatmospheric decoy technology program /U/ Semiannual progress report, 1 Jul. - 31 Dec. 1968	1969
19690084218	High energy solid propellants for controllable motor /U/ Final report	1969
19690084225	The urinary trek. Aspects of renal function in climbers in the central Himalayas	1969
19690084226	Development of vulcanizable elastomers suitable for use in contact with liquid oxygen Quarterly report, 19 Nov. 1968 - 19 Jan. 1969	1969
19690084227	Voltage-controlled astable multivibrator	1969
19690084232	Survey of aviation kerosine vapour pressures and flash points	1969
19690084233	Calculations of the wave drag of a family of 'bumpy' bodies by slender-body theory	1969
19690084234	Simple structural design equations and associated computer programme for low speed wind tunnel models	1969
19690084236	A preliminary study of smooth-water impact theory for chines-dry warped surface Final report	1969
19690084244	Development and evaluation of simple lunar models for Apollo	1969
19690084245	Dynamics of a pad supported on a highly compressible gas film	1969
19690084246	Holographic interferometric analysis of panel vibrating characteristics Quarterly progress report	1969
19690084250	Digital Coded Release Interface System /DCRIS/	1969
19690084255	Design concepts for maintainability of valves in spacecraft	1969
19690084256	Evaluation of effects of reduced film cooling on performance, ignition and thermal characteristics of the Marquardt Apollo SM-LM RCS engine Final report	1969
19690084257	Activated /wet/ stand life of zinc-oxygen cells Summary report	1969
19690084258	Severe Off-Limits Testing of the Apollo Service Module-Lunar Module Reaction Control System Engines Final Report	1969
19690084264	Enzyme activity in terrestrial soil in relation to exploration of the Martian surface Semi-annual progress report, 1 Jan. - 30 Jun. 1969	1969
19690084265	Development of multivariate functional models Progress report, 1 Feb. - 31 Jul. 1969	1969
19690084269	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments. Part 3 - Selected field-laboratory studies and environmental stress Semiannual report	1969
19690084272	Semiannual status report, 30 April 1969	1969
19690084279	Spectral measurements of the night irradiance at CFB Gagetown, September - November 1967	1969
19690084283	The effects of spacecraft environments on some hydrolytic enzyme patterns in bacteria Final report	1969
19690084284	Translations on French nuclear, missile, space, and related military developments no. 187	1969
19690084285	A general computation programme for the 620-1	1969
19690084286	Improving X-UV and X-ray gratings Quarterly report	1969
19690084287	A continuation of a program of high angular resolution studies of celestial X-ray sources Final report, 1 Aug. 1968 - 24 Apr. 1969	1969
19690084290	LM-4 landing radar performance analysis	1969
19690084298	Mission 78 - Flights 1 and 2, ninety day report	1969
19690084299	Tripopellant engine system study Final report	1969
19690084301	A photometric measurement of the vertical distribution of helium and some development of the supporting radiative transfer theory	1969
19690084303	An investigation of strain cycling behavior of 7075-T6 aluminum under combined state of strain "in-phase and out-phase strain cycling" Progress report, 1 Nov. 1968 - 31 Mar. 1969	1969
19690084304	The authority granted to astronauts based on the treaty of January 27, 1967	1969
19690084305	Measurements in the reaction zone of hydrogen- oxygen and methane-oxygen flames	1969
19690084306	Spectral gust alleviation factor	1969
19690084308	Application of thermobimetal at low temperatures	1969
19690084309	Soller aperture systems as collimators and diffraction filters	1969
19690084311	The influence of human growth hormone on the glycolysis in erythrocytes in vitro	1969
19690084312	An improved method of calculating frictional pressure losses along grooved heat pipes	1969
19690084313	Current-carrying capacity of aerospace wires	1969
19690084314	Launch mission rules Apollo 10 /SA-505/CSM-106/LM-4/	1969
19690084315	LM-5 telemetry system performance bit transition density report, revision A	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084316	Investigations of chemical reactions on solid body surfaces. Part 2 - Reactions in air, with water and between solid partners	1969
19690084317	Propulsion system thermal design study - Bibliography	1969
19690084318	Apollo/Saturn 5 ground systems evaluation report Apollo 8 AS-503	1969
19690084325	The nationality question with respect to aircraft in the light of the advancement of juridical science	1969
19690084327	KSC Apollo quarterly reliability and quality assurance status report	1969
19690084331	Delta-64 Orbiting Solar Observatory-F /OSO-F/ flash flight report	1969
19690084332	The caryological anatomy of a few pteridophytes and striking differences in nuclear volume in the case of <i>Cyrtomium falcatum</i>	1969
19690084334	Atlas/Centaur-20, Mariner 6 flash flight report	1969
19690084335	Delta-66 Intelsat 3 F-3 operations summary	1969
19690084336	Apollo/Saturn 5 launch complex assessment report Apollo 10	1969
19690084337	Launch complex assessment report for Apollo 9/AS-504, addendum 1	1969
19690084339	Studies of reflection spectra, meteorite analysis, paleobiochemistry, and biochemical evolution as bases for studying extraterrestrial life Semiannual report, 1 Oct. 1968 - 31 Mar. 1969	1969
19690084340	Compatibility of tankage materials with liquid propellants Final report, Aug. 1967 - Mar. 1969	1969
19690084341	Methods and applications of computer raytracing	1969
19690084342	Missile reloading by manipulators	1969
19690084343	Seismic system studies Quarterly technical report, 12 Aug. - 11 Nov. 1968	1969
19690084347	Static test firing of four low-cost ablative nozzles on Minuteman second stage motors /U/ Interim report, Apr. - Oct. 1968	1969
19690084348	Solid rocket motor inner bore treatment, part 2 /U/ Final report, 1 Mar. 1968 - 28 Feb. 1969	1969
19690084349	A thermal-chemical analysis of the 2.75-inch folding fin aircraft rocket nozzle /U/ Final report, Mar. - Sep. 1968	1969
19690084350	Tactical data systems. Program information bulletin /U/	1969
19690084354	Battery information - Personalizing this emerging resource Technical report, 30 Jun. 1966 - 1 May 1969	1969
19690084356	Propulsion system thermal design study Final report, 10 Jun. 1968 - 31 Jan. 1969	1969
19690084357	Relationship between reflectivity, attenuation, and rainfall rate derived from drop size spectra Final report, 1 Oct. 1966 - 31 Jan. 1969	1969
19690084358	Avionics for light observation helicopter	1969
19690084359	Aerosolized microorganism fluorescence study Final report	1969
19690084361	A survey of rate dependent strength properties of metals Final report, Jul. 1966 - Nov. 1968	1969
19690084362	Visual discrimination performance in the monkey following a 5,000-rad pulse of mixed gamma-neutron radiation	1969
19690084364	Simultaneous powder holdup and static charge behavior in a pneumatic transport-collection system	1969
19690084365	Magnesium/manganese dioxide dry cell batteries	1969
19690084366	Fracture toughness, fatigue and corrosion characteristics of high strength aluminum extrusions and plate Quarterly technical management report, 27 Dec. 1968 - 27 Mar. 1969	1969
19690084367	Reactivation of station 019, McMurdo, Antarctica	1969
19690084368	Dynamic calibrator pulse thrust test module Final report, 1 Feb. 1968 - 11 Jun. 1969	1969
19690084369	Laser range finder, AN/VVS-1, for M60A1E2 tank Interim report	1969
19690084370	Exploratory development of continuous filament rotary impactor systems Final report, Feb. 1967 - Jan. 1968	1969
19690084371	Low altitude atmospheric turbulence LO-LOCAT, phases 1 and 2 Final report, 15 Apr. 1966 - 19 Aug. 1968	1969
19690084372	Development of improved C-18 gas/aerosol filter media Quarterly progress report, 24 Dec. 1968 - 23 Mar. 1969	1969
19690084373	Ionospheric data report	1969
19690084374	TF-9J escape system improvement program, evaluation of operational service suitability Interim report	1969
19690084375	Limited flying qualities and performance evaluation of the model F-4M airplane Final technical report	1969
19690084376	Study of safety requirements for use of laser range-finders aboard destroyers	1969
19690084377	An evaluation of the comparative performance of tungsten and titanium carbide throw-away inserts	1969
19690084378	Experimental evaluation of robust digital FM receiver	1969
19690084379	Development of injector chamber compatibility analysis for task 2 Technical report, Mar. 1968 - Apr. 1969	1969
19690084380	UHF MOS integrated circuits Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690084381	Ionospheric data report	1969
19690084382	Evaluation of atmospheric transport and diffusion Semiannual report, 15 Jun. - 15 Dec. 1968	1969
19690084384	Production of engineering measure, manufacture of glass holder crystal units, type CR-/XM-66//U Quarterly progress reports, 1 Jul. - 25 Dec. 1968	1969
19690084385	Tensiometric aerodynamic balances	1969
19690084386	Iron and its alloys in powder metallurgy	1969
19690084387	Thermal property and ablative response characterization of pyrolyzed materials Final report	1969
19690084388	Short pulse investigation of ionospheric structures at high frequency Final report	1969
19690084389	On the spectral theory of Schroedinger operators	1969
19690084390	Transient behavior of microwave networks Final technical report, 19 Jan. 1968 - 21 Feb. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084391	Astronautics	1969
19690084395	Fuels research for supersonic combustion Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690084397	Lofting of solid material by vaporization, thermal expansion and crater splash in a near-surface burst Final report	1969
19690084398	Blade damping tests Final report, 26 Jun. 1967 - 30 May 1969	1969
19690084399	Flight evaluation of an audio stall warning system for the F-4 airplane Interim report, 20 Jun. - 14 Oct. 1968	1969
19690084402	Graphite irradiation experiments in H.F.R. Petten. Part 2 - Results /capsules 1 to 8 inclusive/	1969
19690084403	Infrared thermography	1969
19690084404	Preparation of mercury-containing antibacterial cellulose fabrics	1969
19690084407	Translations on French nuclear, missile, space, and related military developments	1969
19690084408	Spectral measurements of FP555/M112A photoflash cartridge	1969
19690084416	New and low cost gyro techniques /U/ Final engineering report, Feb. 1968 - Feb. 1969	1969
19690084421	Introduction to the programming of electronic digital computers for scientific and technical computations in communications technology and electronics	1969
19690084422	Circular-array radar antenna - Cylindrical array theory Research and development report, Jan. - Sep. 1968	1969
19690084423	Communications field test, volume 7 Final summary report, 1 Apr. 1968 - 15 Jan. 1969	1969
19690084424	Development of molecular electronic display structures Interim technical report, 1 Feb. - 30 Jun. 1968	1969
19690084425	A spectroscopic comparison of holmium laser host materials	1969
19690084427	Differential thermal analysis applied to the control of explosives	1969
19690084428	Altitude tests of two United Technology Center subscale Titan 3-M booster motors for determination of thrust vector control performance /motors 03 and 04/ Final report	1969
19690084430	Aerodynamic characteristics of missile configurations with body fineness ratios 6 and 10 at M equals 1.87 and angles of attack to 90 deg	1969
19690084431	Deviations from additivity in radiation chemistry and their connection with energy transfer mechanisms	1969
19690084432	Instruments for numerical photogrammetry	1969
19690084433	Automation in photogrammetry - Advantages and dangers	1969
19690084434	Walking riders	1969
19690084435	Correlation of aerodynamic stability and control derivatives obtained from flight tests and wind tunnel tests on the XC-142A airplane Final report, Jun. 1965 - Nov. 1968	1969
19690084437	Double-base binder improvement /U/ Final report, 1 Mar. 1967 - 28 Feb. 1969	1969
19690084438	Research on photoconductive beam scanning pickup tubes /U/ Composite interim technical reports, 16 Mar. 1968 - 15 Mar. 1969	1969
19690084439	Development program for improving S-1 photocathode sensitivity /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1968	1969
19690084440	Variable parameter terrain avoidance radar study /U/ Final report	1969
19690084443	Multipurpose additives for composite propellants /U/	1969
19690084444	Advanced packaged liquid rocket engine /U/ Quarterly progress report, 3 Feb. - 2 May 1969	1969
19690084445	Improved internal and external insulations for rocket motors /U/ Quarterly progress report, 1 Mar. - 31 May 1969	1969
19690084447	Demitas - A target acquisition aid for cinetheodolite operators. Volume 1 - Description Development report, Sep. 1965 - Apr. 1967	1969
19690084448	Demitas - A target acquisition aid for cinetheodolite operators. Volume 2 - Illustrations	1969
19690084449	Molecular flow of gases through tubes with regard to various particle-wall interaction processes. Part 2 - Experimental evaluation of deviations from Knudsen's law for the stationary flow	1969
19690084450	An application of numerical methods to the one-dimensional oscillator	1969
19690084452	Qualification of MIL-L-23699A aircraft turbine engine candidate oil, Texaco TL 7730, phases A and B Final report	1969
19690084453	The solution of quasi-birth and death processes arising from multiple access computer systems Technical report, Feb. 1968 - Feb. 1969	1969
19690084454	Applied research in electronic warfare techniques Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690084455	Advanced Decoy Technology Program /ADTECH 4/. Appendix 1, part 1. Program description - Optimum decoy design program Final report	1969
19690084456	Advanced Decoy Technology Program /ADTECH 4/. Appendix 1, part 2. Program description - Optimum decoy design program Final report	1969
19690084457	Advanced Decoy Technology Program /ADTECH 4/. Appendix 2. Users manual - Optimum decoy design program Final report	1969
19690084458	Advanced Decoy Technology Program /ADTECH 4/. Appendix 3. Mathematical formulation - Optimum decoy design program Final report	1969
19690084459	J52-P-6A engine, sea level missile exhaust gas ingestion tests	1969
19690084461	Production engineering measure for thin film ceramic substrates Final report, 29 Jun. 1966 - 3 Feb. 1969	1969
19690084462	Report of the Mount Haleakala Observatory - The AMOS radiometer. Part 1 - System description and performance	1969
19690084463	Interface and data storage system for PSV simulator Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084464	Evaluation of reactor, APN 11151831	1969
19690084467	Flight report for Delta vehicle S/N 20223, Delta program mission no. 61 spacecraft - HEOS-A	1969
19690084468	Flight report for Delta vehicle S/N 20004, Delta program mission no. 63 spacecraft - Intelsat 3-C	1969
19690084470	Smokeless solid propellants - An overview /U/	1969
19690084471	New theoretical and operational approaches to side-force generation by external burning /U/	1969
19690084472	Flightweight design and component design trade-off studies /U/	1969
19690084473	Extended range ASROC candidate propellants testing /U/ Technical publication, Apr. 1967 - Jan. 1968	1969
19690084482	Surveillance studies of LMH-1 /U/ Annual technical summary report, 1 Jan. - 31 Dec. 1968	1969
19690084484	Technical evaluation of tunable coaxial crystal detector model 2078 /contract N00029-68-C-3597/ Final report	1969
19690084485	Spacecraft systems analysis project, task E-34E - Final LR reflectivity model	1969
19690084486	General systems science. Part 2 - Illustrating the technical methodologies for well defined systems Final report, Apr. 1968 - Apr. 1969	1969
19690084487	Applications technology satellite Quarterly progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690084488	Development of centralized automatic test systems at NELC. Volume 4 - Operational program Research and development report, Aug. 1967 - Dec. 1968	1969
19690084490	Evaluation of a high energy binder /U/ Final report, 1 Mar. 1967 - 28 Feb. 1969	1969
19690084492	Development of a low-cost catalyst for hydrazine /U/ Quarterly report, 15 Mar. - 15 Jun. 1969	1969
19690084499	Evaluation of selected radar cross section measurement ranges. Volume 2B - Satellite tests and data analysis /U/ Final technical report, Jul. 1965 - Apr. 1968	1969
19690084502	Continued development of a unique method of command thrust modulation /U/ Final technical report	1969
19690084503	A study of the hydrodynamic aspects of the physical processes in liquid propellant guns, phase 3 /U/ Final report	1969
19690084504	Countermeasures set AN/DLQ-3 /U/ Final engineering report, 20 Jun. 1967 - 30 May 1969	1969
19690084505	Elevated temperature RAM development, phase 1A /U/ Final report, 1 Feb. - 1 Dec. 1968	1969
19690084506	Development of a direction finding antenna and associated receiver AN/ALD-7/XN-1/ /U/ Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690084508	Conduct an operational evaluation of the IMS /Integrated Mad System/ /U/ First partial report, 6 May - 31 Oct. 1968	1969
19690084511	Project Apollo task MSC/TRW A-200 - LUMINARY 1A descent verification summary	1969
19690084512	Flight report for Delta vehicle S/N 20217. Delta program mission no. 65, spacecraft - ISIS-A	1969
19690084513	Propellants, rockets and missiles /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690084516	Interim Navy acceptance trials of the F-4m airplane /U/ Final report, Oct. 1968 - Apr. 1969	1969
19690084519	Research and investigation of target signature and target background studies for image intensifiers /U/ Quarterly technical progress report, 1 Mar. - 31 May 1969	1969
19690084523	A definitive study of the characteristic of toughness of engineering materials. Part 4 - An analysis of the energy absorption and fracture process in conventional notched bars of AISI 4340 steel as a function of tensile strength Final report, 1 Jun. 1966 - 31 Dec. 1968	1969
19690084524	Detailed test objectives for long tank Delta launch vehicle, spacecraft - Pioneer-E - Launch block 1	1969
19690084525	Catalysis of the thermal decomposition of perchloric acid in the vapor phase	1969
19690084526	Communication systems performance and coverage analysis for Apollo 11 /G type mission/. Volume 3 - Lunar operations	1969
19690084527	Microwave radiometer data study, phase 1	1969
19690084528	Application of the laser to the determination of arc plasma electron densities	1969
19690084529	An experimental study of the effects of surface and gas contamination on Langmuir probe measurements in an argon glow discharge	1969
19690084530	Dynamic response of very high pressure fluid power systems Final report	1969
19690084531	Processing of ceramics - Surfacing finishing studies Final report, 21 Jun. 1968 - 31 Mar. 1969	1969
19690084532	Altitude performance of five United Technology Center Titan 2 translation motors having ages from 68 to 69 months Final report, 28 Mar. - 2 Apr. 1969	1969
19690084533	An explosively driven gun to launch large models to reentry velocities Final report, Sep. 1967 - Feb. 1969	1969
19690084534	Test report on pressure switch Southwestern Industries, Inc., part no. PS3704-20 and NASA part no. 10434297-5	1969
19690084535	Operations and maintenance cost methodology Final technical report, 3 Jan. 1968 - 3 Feb. 1969	1969
19690084536	Evaluation of series 'R' fuel cell design Final report, 9 Jun. 1967 - 30 Sep. 1968	1969
19690084537	Grid sphere drag experiment Final technical report, 15 Apr. 1967 - 1 Nov. 1968	1969
19690084538	An automated computation of the circular error probability for an inertial guidance system	1969
19690084539	Diode control research Quarterly technical progress report, 1 Dec. 1968 - 1 Mar. 1969	1969
19690084540	Exploratory development program Progress report for second quarter fiscal year 1969	1969
19690084542	Development of a replacement antenna for antenna assembly AS-177A/UPX Final report	1969
19690084543	Theoretical investigation of surface and bulk electronic properties of metals Final scientific report	1969
19690084544	Reaction control systems of spacecraft Report bibliography, Jan. 1963 - Dec. 1968	1969
19690084545	Statistical presentation of naval aircraft counting accelerometer data Summary report, 1 Jan. 1962 - 1 Jan. 1969	1969
19690084546	Low cycle fatigue of butt weldments of HY-100/T/ and HY-130/T/ steel Progress report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084547	Analysis of a switching regulator	1969
19690084549	Comparison of specific impulse from AEDC simulated altitude and flight tests for several rocket propulsion systems Final report, 6 Apr. 1967 - 21 Oct. 1968	1969
19690084550	Further development of an electronically controllable microwave window Quarterly report, 27 Jan. - 27 Apr. 1969	1969
19690084551	Hydraulic circuit breaker for aircraft hydraulic systems, part 1 Interim technical report, 15 Mar. - 25 Jun. 1969	1969
19690084552	Mathematical model and simulation studies of a pneumatic valve-actuator-load impedance configuration	1969
19690084553	Flow of moist air near the ground Semiannual report, Jul. - Dec. 1968	1969
19690084554	Rapidly deployable antenna mast Final technical report, 28 Mar. - 1 Oct. 1968	1969
19690084555	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 Aug. 1968 - 31 Mar. 1969	1969
19690084556	Experimental verification of neutron and gamma-ray transport calculations in lithium hydride and tungsten Technical report, Nov. 1967 - Sep. 1968	1969
19690084557	Honest John missile no. 2307, round no. 592 RML, /10 April 1969/ Meteorological data report	1969
19690084558	Aluminum alloys are being used more and more in the construction of equipment and containers	1969
19690084560	Lithium battery research Annual report, 1 Apr. 1968 - 31 Mar. 1969	1969
19690084561	Aerodynamic spike experiments on a sphere in supersonic flow Technical report, Jan. - Jun. 1968	1969
19690084562	Tunable oscillator Final technical report 18 Jan. 1968 - 17 Jan. 1969	1969
19690084563	Powder metallurgy and infiltration technology of self-cooled tungsten rocket nozzles Interim engineering progress report, 15 Nov. 1968 - 15 Mar. 1969	1969
19690084564	Research to determine the nature of the deleterious interactions of refractory materials with high temperature air species Quarterly report	1969
19690084565	Collisions of heavy particles at high velocities Technical report, 22 Jan. 1968 - 21 Jan. 1969	1969
19690084566	A study of basic mineralogical, physical- chemical, and engineering index properties of laterite soils Technical report, Oct. 1967 - Aug. 1968	1969
19690084567	Exhaust plume interference effects bibliography 1960 - 1969	1969
19690084568	Composite solid propellant ignition mechanisms Final report	1969
19690084569	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Dec. 1968 - 20 Mar. 1969	1969
19690084573	Injection and combustion of hypergolic propellants. Part 1 - Reactive stream impingement. Part 2 - Extension of steady- state combustion model Final technical report, 8 Apr. 1968 - 15 Jan. 1969	1969
19690084574	Fabrication and evaluation of diffusion bonded laminated sections Interim engineering progress report no. 12, 28 Feb. - 31 May 1969	1969
19690084575	Manufacturing methods for a 2-KW traveling wave tube Interim engineering progress report no. 4, 1 Dec. 1968 - 1 Mar. 1969	1969
19690084576	Application of multiparameter flight loads data to structural design criteria. Volume 2 - Distributions of peaks and correlated variables. Part 2 - Tabulated results Final report, Jan. 1966 - Jul. 1968	1969
19690084577	Deterministic network synthesis and large scale integration, volume 1	1969
19690084578	Deterministic network synthesis and large scale integration. Volume 2 - Deterministic network synthesizer program flow charts and program listings	1969
19690084579	An investigation of stratospheric temperature soundings	1969
19690084580	Electron tube repair Final report	1969
19690084581	Microwave measurement of the negative differential mobility in N-GaAs	1969
19690084582	Translations on French nuclear, missile, space, and related military developments no. 188	1969
19690084583	Mechanical property characterization of propellant binders in terms of polymeric parameters - The butyl acrylate/hydroxypropyl methacrylate system	1969
19690084584	Study of advanced modulation techniques for advanced communications systems Quarterly report, 2 Dec. 1968 - 3 Mar. 1969	1969
19690084585	Design and development of a high resolution digital interval timer	1969
19690084586	Epitaxial vapor growth of mercury cadmium telluride in an open-tube apparatus Final report, 15 Dec. 1967 - 15 Dec. 1968	1969
19690084587	Study of aviation-fuel filter/separators Final summary report, 20 Apr. 1966 - 19 Apr. 1969	1969
19690084588	Evaluation of polyurethane foam application as a method for containing VX spills	1969
19690084589	The numerical solution of atmospheric diffusion equations by finite-difference methods	1969
19690084590	Design of the White Sands Range and range rate system Final report	1969
19690084591	General formulas for underwater acoustic ray computations	1969
19690084592	Vigilance - Factors influencing detection and monitoring performance Annual progress report, 1 Jun. 1968 - 31 May 1969	1969
19690084593	Computation of equilibrium properties of reactive gas mixtures for use in gas dynamic analysis	1969
19690084594	Effects of lubricants on helicopter spur gear fatigue Quarterly progress report, May 1968 - Apr. 1969	1969
19690084595	Wind tunnel investigation of the effectiveness of a fin tab for spin control of the Athena H missile Final report, 20 Feb. - 12 Mar. 1969	1969
19690084596	Advanced technology for integrally formed structures Interim report, 1 Oct. 1968 - 31 Jan. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084597	Advanced technology for integrally formed structures Interim engineering progress report no. 3, 1 Feb. - 31 May 1969	1969
19690084598	Nozzle turbulent boundary-layer measurements in the Vkf 50-in. hypersonic tunnels Final report, Mar. - Jul. 1965	1969
19690084599	Production engineering measure for subminiature feed-thru ceramic dielectric capacitors Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690084600	Production engineering measures program for a pulsed 1 kW Ku-band tunable coaxial magnetron Quarterly report, 30 Jan. - 30 Apr. 1969	1969
19690084601	Investigation of plastic effects on semiconductor reliability Final report, 22 Dec. 1967 - 31 Dec. 1968	1969
19690084602	Sympathetic implosion in a 20,000 ft composite buoyancy material Final report, 15 Oct. 1968 - 31 May 1969	1969
19690084603	A 100-GPM, optimum lightweight filter/separator Final report, Apr. 1967 - Mar. 1968	1969
19690084604	Aerobee NASA 4.232 GS /16 May 1969/ Meteorological data report	1969
19690084605	Aerobee NASA 4.247 DS /NRL NE 3.222/ Meteorological data report	1969
19690084606	Honest John missile no. 2306, round no. 591 RML /8 April 1969/ Meteorological data report	1969
19690084607	Aerobee NASA 4.274 DS /NRL NE 3.223/ Meteorological data report	1969
19690084608	Lance missile no. 7104, round no. 67 RGL /13 May 1969/ Meteorological data report	1969
19690084609	Studies of gas-solid interactions using a modulated beam mass spectrometer Annual summary report, 1 Mar. 1968 - 31 Jan. 1969	1969
19690084610	Oblique HF experiments over the Palo Alto-to-Boulder path Final report	1969
19690084611	Design and development of storable propellant tanks Final report, 1 May 1968 - 1 Mar. 1969	1969
19690084612	Simulated altitude performance of Mark 2 reentry vehicle spin and pitch motors having ages from 66 to 71 months Final report, 7 Feb. - 3 Mar. 1969	1969
19690084613	Underwater communications terminal equipment	1969
19690084614	Study of materials on thin fabrics to control spreading and restrict strike-through of organic liquid droplets Quarterly progress report, Jan. - Apr. 1969	1969
19690084615	TR-833, electric resistance heater NASA part number 75M15214, PHR6, NASA control number 3201-4	1969
19690084616	G-189 analytical simulation of the Apollo block 2 command module environmental control system, program manual Final report	1969
19690084617	Study of characteristics and standard variability of composite solid propellants. Volume 1 - Text Final report	1969
19690084618	Study of characteristics and standard variability of composite solid propellants. Volume 2 - Propellant TP-G-3016D	1969
19690084619	Study of characteristics and standard variability of composite solid propellants. Volume 3 - Propellant TP-H-1011A	1969
19690084620	Study of characteristics and standard variability of composite solid propellants. Volume 4 - Propellant TP-H-3095A	1969
19690084621	Study of characteristics and standard variability of composite solid propellants. Volume 5 - Propellant TP-H-3220A	1969
19690084622	Study of characteristics and standard variability of composite solid propellants. Volume 6 - Propellant GS-G-16D	1969
19690084623	Study of characteristics and standard variability of composite solid propellants. Volume 7 - Propellant GS-H-11A	1969
19690084624	Study of characteristics and standard variability of composite solid propellants. Volume 8 - Propellant GS-H-95A	1969
19690084626	Assembly of computers to command and control a robot	1969
19690084627	Multiple quanta transitions and maser amplification in the two-level system	1969
19690084628	Report on the French study of Hertzian radiometry for surface-to-surface observation	1969
19690084629	Theoretical and experimental study of transitions at several quanta between the Zeeman sub-levels of an atom	1969
19690084630	Evaluation of the Astek altimeter-encoder type AAU-22/A integrally lighted, three- pointer display range 1,000 to 25,000 feet Final report	1969
19690084631	The preparation of organic semi-conducting polymers and their characteristics	1969
19690084632	A Fiat experimental split-compressor turboengine	1969
19690084633	A conceptual design study of a terminal sterilization chamber for interplanetary payloads	1969
19690084635	A study of entry heating to a probe entering the atmosphere of Jupiter	1969
19690084637	Integrated engine instrument system Final report	1969
19690084638	F-14 airplane, automated aircrew escape system operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring of /Stencil S-3-S-3/ Interim report	1969
19690084639	Dynamic properties of rocks Final report, 4 May 1968 - 4 May 1969	1969
19690084640	Vertical situation and stationkeeping display interface unit	1969
19690084641	Evaluation of the KB-19A motion picture camera Final report	1969
19690084642	The effect of thermochemical processes on reignition and extinguishment of a solid propellant	1969
19690084643	Physical electronics and surface physics, part 15	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084644	Redundant Air-handling Units Control System Functional and Psychrometric Verification Test Final Test Report	1969
19690084645	Air Conditioning System for Azimuth Alignment Building	1969
19690084646	AS-507 ground DDAS data evaluation guide	1969
19690084647	Cycled operation of water vapor electrolysis cell	1969
19690084648	The sail at small angle of incidence at supersonic, hypersonic and sonic speed	1969
19690084649	Communications biophysics, part 27	1969
19690084650	Geophysical research, part 12	1969
19690084651	Primate Hemodynamics And Metabolism in an Orbiting Satellite /PHAMOS/ Semiannual status report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690084653	A survey of the mechanical properties of uranium alloys U-5Mo-3Nb w/o and U-3Mo-3Nb w/o	1969
19690084655	Logistic spacecraft system evolving from Gemini. Volume 1 - Condensed summary Final report	1969
19690084656	Logistic spacecraft system evolving from Gemini. Volume 2 - Spacecraft design and performance summary	1969
19690084657	Logistic spacecraft system evolving from Gemini. Volume 3 - Mission and spacecraft performance analysis	1969
19690084658	Logistic spacecraft system evolving from Gemini. Volume 4 - Launch escape, landing and recovery system analysis	1969
19690084659	Logistic spacecraft system evolving from Gemini. Volume 5 - Spacecraft design and weight analysis	1969
19690084660	Logistic spacecraft system evolving from Gemini. Volume 6 - Subsystems analysis	1969
19690084661	Logistic spacecraft system evolving from Gemini. Volume 7 - Refurbishment and reuse, reliability, and operational support analysis	1969
19690084662	Logistic spacecraft system evolving from Gemini. Volume 8 - Program development, costs, and study results	1969
19690084664	The mechanism of phosphorus removal in activated sludge	1969
19690084665	A theoretical investigation of the effect of heat transfer on laminar separation	1969
19690084666	A family of quadrature formulas and related numerical analysis	1969
19690084667	Effects of exercise on structure and metabolism of skeletal muscle at the cell level	1969
19690084668	Test report on Royal Industries NASA part no. 75MO5869, LBFV-30 pneumatically operated butterfly valve	1969
19690084669	Verification of the real-time computing complex guidance entry program for Apollo 12	1969
19690084674	Biotelemetric examinations of the heart and circulatory system of jet pilots during flight to determine a number of flight-induced stresses	1969
19690084675	The reaction of bromo-malonic acid-dinitrile with amines - A contribution to the polymerization mechanism of hydrocyanic acid	1969
19690084676	Turbulent boundary layer with a pressure gradient	1969
19690084677	Studies concerning the metabolism of urea in microorganisms 7 - Dependence of the specific activity of ornithine-cycle enzyme and urease on the culture period and N source	1969
19690084678	Experiment requirements catalog for the study of circadian periodicity of pocket mice in space /MFSEB experiment S-071/	1969
19690084679	Slide Wire Emergency Egress System Testing, Phases 1, 2, and 3	1969
19690084680	Physical adsorption at low pressures and coverages	1969
19690084682	Calculation of the flow coefficient of nozzles by means of the boundary layer theory	1969
19690084685	Advanced Engine Aerospike Experimental Program Thrust Chamber Performance Volume 1 - Summary of Final Report /U/ Final Report, 17 Jun. 1968 - 31 May 1969	1969
19690084686	Advanced Engine Aerospike Experimental Program Thrust Chamber Performance Volume 2 - Final Report /U/ Final Report, 17 Jul. 1968 - 31 May 1969	1969
19690084687	Aerodynamic Characteristics of a Cruciform-Wing Missile Model with a Systematic Variation of Canard and Tail Locations at Mach 1.60 to 4.63 /U/	1969
19690084688	High energy propellants from special fuel oxidizer mixtures /U/	1969
19690084689	Research and Exploratory Development for the Office of Aeronautical Research National Aeronautics and Space Administration /U/ Quarterly Report, Apr. - Jun. 1969	1969
19690084691	Flight Measurements of Buffet Characteristics of the F-111A Variable-sweep Airplane /U/	1969
19690084693	Electronic properties of semiconducting cadmium fluoride Final report, 1 Jan. 1968 - 1 Jan. 1969	1969
19690084694	The Tree-Meta compiler-compiler system - A meta compiler system for the Univac 1108 and the General Electric 645	1969
19690084695	Electro-optical sensor design for digital fire control systems	1969
19690084696	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 Feb. - 30 Apr. 1969	1969
19690084697	Effects of electrostatic fields on solid propellant burn rate Interim technical report, Jun. 1967 - Sep. 1968	1969
19690084698	The thunderstorm as a source of atmospheric noise at frequencies between 1 and 100 kHz Special technical report	1969
19690084700	Epitaxial growth of ferrimagnetic garnets Quarterly technical report, 15 Mar. - 15 Jun. 1969	1969
19690084701	Aircraft observations of a cyclonic eddy south of the Gulf Stream	1969
19690084702	Laser beams in atmospheric turbulence, a review	1969
19690084703	Thermal parameters and analytical-experimental procedures for integrated circuit devices and systems	1969
19690084704	Geology of the Cape Verde Archipelago	1969
19690084705	Optimal and suboptimal feedback control for deterministic systems	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084706	Feasibility investigation of a laminar rate sensor /Lars/, phase 1 report Final report, 24 Oct. 1968 - 24 Apr. 1969	1969
19690084707	Aircraft collision avoidance system, phase 1	1969
19690084709	Differential X-ray scattering cross section of beryllium Technical report, Jun. 1967 - Sep. 1968	1969
19690084710	Nike-Apache DRS NASA 14.420 UA /28 May 1969/ Meteorological data report	1969
19690084711	A balanced mode phase shifter for solar array applications	1969
19690084712	The AMOS radiometer, part 2 - Sky radiance measurements	1969
19690084714	Molecular flow of gases through tubes with regard to various particle-wall interaction processes, part 1	1969
19690084715	Flight Experiment Shielding Study /FESS/ satellite data analysis, phase 2 Technical report, Jan. 1967 - Aug. 1968	1969
19690084716	Pennsylvania-Princeton Army avionics research program. Antenna research task. A harmonic analysis of directivity patterns of small communications antennas on aircraft Research and development technical report, 1 Jul. 1968 - 30 Jun. 1969	1969
19690084717	Neutron induced electrical sources Technical report, 5 Feb. - 4 Nov. 1968	1969
19690084718	Microwave solid-state device studies Quarterly progress report, 1 Dec. 1968 - 1 Mar. 1969	1969
19690084719	Avalanching in Gunn oscillators Interim technical report	1969
19690084720	Development of linear power tubes Interim development report, 17 Feb. - 16 May 1969	1969
19690084721	Coding studies for deep space communication Final report, 1 Apr. 1967 - 30 Jun. 1969	1969
19690084722	Appendix A - Sequential decoding for channels with time varying phase	1969
19690084723	Appendix B - A stack controlled sequential decoder	1969
19690084724	Appendix C - Description of a hybrid sequential-algebraic decoding program	1969
19690084725	Stochastic sources for context-free languages	1969
19690084726	Appendix E - Analytical models of real time task scheduling in computing systems	1969
19690084727	A search for high energy solar neutrons	1969
19690084729	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690084730	High power ferrite gas duplexer, phase 2 Quarterly report, 1 Feb. - 31 May 1969	1969
19690084731	Failure mechanisms in sealed batteries Final technical report, 1 Jul. 1966 - 30 Apr. 1969	1969
19690084733	Investigation of jet mixing processes in the presence of secondary flow	1969
19690084734	Fifty ampere turn-off switch Final report, Nov. 1967 - May 1969	1969
19690084735	Microelectronic radar IF amplifier Final technical report, 29 Apr. 1966 - 29 Jul. 1968	1969
19690084736	Conduct an operational evaluation of the AN/SMQ-6/V/, shipboard meteorological satellite readout station Final report	1969
19690084737	Pentose and pentitol metabolism in hydrogenomonas species Semiannual status report, 12 Jan. - 31 May 1969	1969
19690084738	Pulsating flow in visco-elastic tubular systems	1969
19690084740	Development of low permeability fabrics Technical report, Jun. 1967 - Nov. 1968	1969
19690084741	L-band RF module for phased-array radar application Quarterly report, 20 Sep. - 19 Dec. 1968	1969
19690084742	Integrated microwave communication circuits	1969
19690084744	Radiation pattern measurements of antenna group OE-38/SPN-43 serial number A9 Final report	1969
19690084745	Effects of vibration on human performance - A literature review Final report, 1 Aug. 1968 - 1 Jan. 1969	1969
19690084746	Techniques and industrial expectations in large scale integration	1969
19690084747	Development of rain-erosion-resistant coatings for high-speed aircraft Final report, 15 Apr. 1968 - 14 Apr. 1969	1969
19690084748	Continental model CD-468 gas generator core demonstrator	1969
19690084749	Ships and their shadows as seen by radar. Part 1 - The high-resolution case, optical simulation and general behavior of target and shadow	1969
19690084754	Development of the Surface-Launched Low Volume Ramjet /SLVRJ/ booster motor /U/	1969
19690084756	Long-burning-time motors for high incremental-velocity maneuvers at low acceleration /U/	1969
19690084757	Control of plasticized migration from propellant into liner and insulation materials /U/	1969
19690084759	Low acetyl cellulose acetate an alternate inhibiting material to ethyl cellulose /U/	1969
19690084760	Analytical approaches to predict rocket motor insulation requirements in regions of nonuniform ablation /U/	1969
19690084761	All solid propellant post boost propulsion system design and demonstration /U/	1969
19690084763	Electrostatic field control of solid propellant burning rate	1969
19690084764	Single-chamber controllable solid rocket motor development program status /U/	1969
19690084765	Development of pyrolytic graphite coatings for rocket nozzles /U/	1969
19690084766	Evaluation of hybrid nozzle materials and design concepts	1969
19690084767	The application of nozzle materials to high chamber pressure environments /U/	1969
19690084768	An investigation of pre-pyrolyzed plastics for solid rocket applications	1969
19690084770	Vulnerability of solid propellant systems to internal energy deposition	1969
19690084772	Feasibility study of solid fueled scramjets for an Army air defense mission /U/	1969
19690084773	Analysis of thrust magnitude control for Navy tactical air-to-air missiles /U/	1969
19690084774	Low cost propulsion for space vehicles solid propellant boosters	1969
19690084775	Low cost pressure-fed storable liquid propellant rocket propulsion /U/	1969
19690084776	Liquid low cost boosters /U/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084779	Performance potential of beryllium propellants /U/	1969
19690084782	Development of PBEP propellants /U/	1969
19690084783	The NF propellant based on ethyl acrylate polymer /U/	1969
19690084784	High-performance, low-cost domino propellants /U/	1969
19690084787	High strain capability and thermally stable propellants based on hydroxyl-terminated polybutadiene /U/	1969
19690084788	A survey of problems in high burn rate extended environment propellants /U/	1969
19690084789	Packing of ammonium perchlorate and aluminum mixtures in solid propellants /U/	1969
19690084790	Stress-free case-bonded end-burning rocket motor /U/	1969
19690084792	Comparison of transition metal chelates as ballistic modifiers for composite propellants /U/	1969
19690084793	High burning rate composite propellants /U/	1969
19690084794	Fast-burning propellants with sub-micron ammonium perchlorate /U/	1969
19690084795	New polymers for high-rate propellants /U/	1969
19690084797	S69-60 Plastiscat 21 /TM/ combustion catalyst /U/	1969
19690084798	Implementation and evaluation of a pulse orthogonal multiplexing telemetry system Summary report	1969
19690084799	Propulsion technology. Monthly survey number 11	1969
19690084800	Research and development of microwave tubes and devices Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690084801	High strength-high modulus continuous graphite yarns Summary report, 1 Apr. 1968 - 30 Mar. 1969	1969
19690084802	Computer simulation of plasma accelerator	1969
19690084803	An analysis of the use of Green's functions to eliminate inherent instabilities in finite equations	1969
19690084804	Experimental investigation of X-band Gunn oscillators Interim report	1969
19690084805	Longer-life alkaline fuel cell stacks Final report, 20 Dec. 1968 - 20 Apr. 1969	1969
19690084806	Electron-scatter research using the Project 617 radar Final report, 1 Jun. 1968 - 1 Mar. 1969	1969
19690084807	Marine geophysical survey program 1965 - 1967. Western North Pacific Ocean and South China Sea. Area 13, volume 4, sound velocimeter results and shot run bathymetry Final report	1969
19690084808	Time of flight measurement of neutral and ionic molecular nitrogen lifetimes Technical report, May - Oct. 1968	1969
19690084809	Changes in blood circulation at rest, in reactive hyperemia, and in blood circulation after stress in the forearm muscles during isometric training	1969
19690084811	Evaluation of icing rate systems on the SH-3D helicopter Final report, 25 Nov. 1968 - 31 Jan. 1969	1969
19690084812	Large chamber electron beam welding Final technical report, 1 Mar. 1968 - 31 May 1969	1969
19690084813	Distended material model development. Volume 1. Experiments and theory for the model Technical report, 21 Apr. 1967 - 1 Mar. 1969	1969
19690084814	Distended material model development. Volume 2. Test runs of the SRI PUFF 1 computer code Technical report, 21 Apr. 1967 - 1 Mar. 1969	1969
19690084816	Technical evaluation of crossband transponder system for radar sets AN/SPN-42 Final report	1969
19690084817	Research on hydrazine decomposition Final report, 1 Apr. 1967 - 1 Apr. 1969	1969
19690084818	Construction and evaluation of a polyester-fiber glass pad for the Dornier DO-31 jet VTOL aircraft Technical report, 20 Mar. 1967 - 24 Jan. 1969	1969
19690084819	Single chip microelectronic monolithic wideband amplifier subsystem Final report, 12 Feb. 1968 - 12 Feb. 1969	1969
19690084820	A 4.5 to 18 inch variable focal length lens Final technical report, Apr. 1966 - Jan. 1969	1969
19690084821	Precision quartz crystals Semiannual report, 15 May - 15 Dec. 1968	1969
19690084822	Feasibility investigation of a neutron in a conduction-cooled sonar amplifier module Interim development report, no. 2, 1 Mar. - 31 May 1969	1969
19690084823	Oceanographic cruise summary - Baffin Bay- Davis Strait-Labrador Sea, summer 1968 Informal report, 29 Sep. - Oct. 1968	1969
19690084824	ICRPG handbook for estimating the uncertainty in measurements made with liquid propellant rocket engine systems Final report	1969
19690084825	Temperature and frequency dependence of nuclear spin-lattice relaxation in single crystals of cadmium selenide	1969
19690084826	The 06302 Lance, missile no. 1107, round no. 66, RML /8 May 1969/	1969
19690084831	Flight report for Delta vehicle S/N 20222, Delta program mission no. 60, spacecraft - Pioneer-D	1969
19690084832	Phase 2 HEUS motor task 4.2.A report verification test program, impulse control impingement and sealing tests	1969
19690084833	Selected video and pulse circuitry Summary report	1969
19690084835	Investigation of bistable plasma display technology for large area displays Final technical report, 1 Feb. 1968 - 28 Feb. 1969	1969
19690084836	Advanced concepts of microwave generation and control in solids Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690084839	Tactical photographic color processing, duplication and interpretation facility ES-75 /XA-1/. Volume 1 - Thirty day shakedown test Technical report, 13 Nov. - 6 Dec. 1968	1969
19690084841	A mathematical model of target detection on visual sonar displays	1969
19690084842	Propulsion technology, monthly survey no. 12	1969
19690084843	Effects of radiation on gastro-intestinal function and cyclic turnover of intestinal epithelium Semiannual status report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084844	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments. Part 2 - Chemical stress resistance	1969
19690084846	Synthesis of boron fibers	1969
19690084847	A study of phycophysiology in controlled environments and supplementary task 1, the yeast satellite experiment Semiannual status report, 30 Sep. 1968 - 31 Mar. 1969	1969
19690084848	Advanced theoretical and experimental studies in automatic control and information systems Semiannual status report, 1 Jan. - 30 Jun. 1969	1969
19690084849	Optimization of design of space experiments from the standpoint of data processing Semiannual report, 1 Oct. 1968 - 31 Mar. 1969	1969
19690084851	Amorphous semiconductors and their applications	1969
19690084852	J52-P-8A engine, ground starting characteristics with PWA scheme 4311H smokeless combustion chambers Final technical report	1969
19690084853	Review of recent developments - Liquid metals	1969
19690084854	Wind waves in shallow water Final report	1969
19690084855	Review of recent developments - High strength steels	1969
19690084856	Evaluation of Electrochimica type LN-3 high energy cells for wide temperature applications Final technical report, 1 Jan. - 10 Dec. 1968	1969
19690084857	VHF inflatable antenna kit - Final development model Final report, Feb. 1967 - Feb. 1969	1969
19690084858	Improved portable light table Final evaluation report	1969
19690084859	Service life test of Minuteman igniter safety and arming device P/N KR80000-07	1969
19690084860	The effect of high dust loads and elevated ambient temperatures on diesel engines and gas turbines	1969
19690084861	Hormone metabolism in men exposed in high elevation Final report	1969
19690084863	Inhibition of sweating by atropine and scopolamine before and after acclimatization to heat Technical report, Sep. 1967 - Apr. 1968	1969
19690084864	Assessment and control of the undesired components of human centrifuge acceleration response to a single axis command Phase report, Aug. - Dec. 1968	1969
19690084865	Preproduction tests of one 6.0 ampere-hour, type MS90447-2, 22.7-volt, nickel-cadmium aircraft storage battery manufactured by Sonotone Corporation	1969
19690084866	Preproduction tests of two type MS17334-2, 24-volt, 0.40 ampere-hour, self-rectifying, nickel-cadmium, aircraft batteries manufactured by Sonotone Corporation	1969
19690084867	Studies for the removal of aged, polymerized and/or oxidized preservatives from metal surfaces Final evaluation report	1969
19690084868	Spurious response measurements of a pentode mixer Final report	1969
19690084869	Airborne power supply study	1969
19690084870	Radar cross section of a small, low-pitch angle helix	1969
19690084871	Microwave generation from avalanche transit time diodes Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690084873	Room temperature creep of a titanium alloy TI-6AL-2CB-1TA-0.8MO	1969
19690084874	Review of recent developments. Powder metallurgy	1969
19690084876	Cytochemical studies of planetary microorganisms - Explorations in exobiology Summary report, 1 Jul. 1968 - 1 Jul. 1969	1969
19690084877	Relationship between segregation substructures and casting structures Annual technical report	1969
19690084878	The determination and nature of water in nitrogen tetroxide Final report, Sep. 1968 - Mar. 1969	1969
19690084879	Bolted joint connections for deep ocean applications Final report	1969
19690084883	Collapsing bubble damage to solids /cavitation state of knowledge, ASME, June 1969/	1969
19690084884	A new simple table for calculating blood volume and extracellular space	1969
19690084885	Technical evaluation of flush mounted Ku-band airborne antennas for use with AN/SPN-41 Final report	1969
19690084886	Separation characteristics of the CBU-34 dispenser from the F-105 aircraft and the SUU-25B/A flare pod from the F-4C aircraft Final report	1969
19690084887	Incremental drag for several pylon large store configurations on a 0.10-scale A-7A aircraft model at Mach numbers of 0.5 to 0.9	1969
19690084888	Oxidation studies of model compounds related to poly/benzimidazole/, poly/imide/, and poly bis-benzimidazobenzophenanthroline-dione Technical report, 1 Feb. 1968 - 31 Jan. 1969	1969
19690084889	Coherent techniques for automatic direction finders Final report	1969
19690084890	The "fluid vane" compressor	1969
19690084891	Acoustic wave scattering and transmission by corrugated surfaces	1969
19690084892	Nike-Apache STV-85 /29 May 1969/ Meteorological data report	1969
19690084893	Effect of inert gases on fabric burning rate	1969
19690084894	Solid propellant structural test vehicle and systems analysis Special report, Aug. 1968 - May 1969	1969
19690084895	Titanium - Alpha and beta allotropic forms. Volume 2. Report bibliography, Jan. 1953 - Jan. 1969	1969
19690084896	The processes and techniques of applying sintered iron rotating bands to 152 mm projectile bodies by the electromagnetic pulse forming method	1969
19690084897	Development of processing techniques for carbon composites in missile interstage application Summary report, 5 Jun. 1967 - 1 Mar. 1969	1969
19690084898	The new flo tachymeter for polar surveying	1969
19690084899	Study of helicopter gear lubrication Quarterly progress report, Dec. 1968 - Feb. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084900	Dynamic Analyzer for Separation and Recontact Program. Volume 1 - User's Manual	1969
19690084901	Apollo/Saturn 5 test and checkout plan. Volume 1 - AS-506 and subsequent missions	1969
19690084902	Studies of operator performance in detecting simulated radar data trails in random clutter	1969
19690084903	A study of digital techniques for signal processing Quarterly status report, 1 May - 31 Jul. 1969	1969
19690084904	The influence of surface characteristics and pressure history on the inception of cavitation	1969
19690084905	The catalytic decomposition of hydrazine on gold, nickel, and a gold/nickel brazing alloy Final report, Sep. 1966 - Sep. 1967	1969
19690084906	Summary of research on high energy plasmas Final report, 1 Nov. 1965 - 31 Nov. 1968	1969
19690084907	Apollo/saturn 5 Space Vehicle Countdown /apollo 9/	1969
19690084908	Manufacturing techniques for application of a duplex W/Si-W coating on tantalum components Interim progress report, 1 Mar. - 31 May 1969	1969
19690084909	Systems operational reliability analysis on mobile launcher elevators - Egress mode LC-39	1969
19690084910	Spurious response measurements of a transistor mixer Final report	1969
19690084911	Solid rocket structural integrity abstracts, volume 6, no. 2	1969
19690084912	Fluorinated compounds and fluids Summary report, 15 Nov. 1967 - 31 Dec. 1968	1969
19690084913	Convective heat transfer from small cylinders in water at low Reynolds numbers	1969
19690084914	Transport equations for electrons in two-valley semiconductors	1969
19690084915	An experimental investigation at supersonic Mach numbers of base drag of various boattail shapes with simulated base rocket exhaust	1969
19690084916	Closed circuit TV tracking error detector	1969
19690084917	The principal stresses and strain energy at the surface of a spherical cavity located within a general biaxial stress field	1969
19690084918	A theoretical treatment of the electrical interaction between an aerosol particle and ions in the air Technical report, Jun. 1968 - Feb. 1969	1969
19690084920	High pressure hugoniot measurements for several Nevada test site rocks Final report, Oct. 1965 - Dec. 1968	1969
19690084921	Research and exploratory development of a solid-state, high current, gate controlled switch Final report, 2 Jan. 1967 - 30 Apr. 1969	1969
19690084922	Low noise microwave transistors Final report, 10 Nov. 1967 - 9 Nov. 1968	1969
19690084923	A general technique for wind wave prediction, with application to the South China Sea Final report	1969
19690084924	A model to calculate aircraft station-keeping cost Final report	1969
19690084925	Research and experimentation on space object identification using ground based electro- optical techniques Final technical report, Jun. 1966 - Dec. 1968	1969
19690084926	Helos, subs and holography - A report on research and development in France	1969
19690084927	Large retractable solar cell array Quarterly technical report, 24 Mar. - 29 Jun. 1969	1969
19690084928	Theorems of approximation for semi-groups of operators	1969
19690084929	Microwave acoustic and bulk device technique studies Interim technical report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690084930	Evaluation of parachute opening characteristics of type C-9 canopies with the fail-safe spreading gun installed Final report	1969
19690084931	Radial outflow compressor component development. Volume 1, phase 1 - Aerodynamic and mechanical design analysis and diffuser tests	1969
19690084932	Manufacture of jet engine thrust bearings by ausforming Interim engineering report, 15 Mar. - 15 Jun. 1969	1969
19690084933	The Fort Sherman, Panama Canal Zone climate calendar Final report	1969
19690084935	Adaptive communications techniques Final report, Oct. 1967 - Nov. 1968	1969
19690084936	Ionospheric data report Monthly report, Mar. 1969	1969
19690084937	Investigation of corona discharge from VLF antenna cables in variable density wind tunnel, phase 1 and 2 Final report	1969
19690084938	Current-density effects in single-pore electrodes	1969
19690084939	An analytical and laboratory investigation to develop more effective methods for producing dense barium ion clouds Semiannual report	1969
19690084940	Manufacturing technology - Dual property steel armor for aircraft components Final technical report	1969
19690084941	Yield of muscular work at high altitude	1969
19690084942	Mechanical properties, including fracture toughness and fatigue, corrosion characteristics and fatigue-crack propagation rates of stress-relieved aluminum alloy hand forgings Technical report, 15 Feb. - 15 May 1969	1969
19690084943	Production engineering measure for high- reliability aluminum electrolytic capacitors Quarterly report, 20 Dec. 1968 - 20 Mar. 1969	1969
19690084944	Thermodynamic and shock wave properties of argon and nitrogen in chemical equilibrium with virial and ionic corrections. Volume 1 - Theory and explanation Technical report, May 1960 - Aug. 1968	1969
19690084945	Results of tests with a tandem recovery system using a gliding main parachute	1969
19690084946	Effects of external source radiation on the stagnation flow and heating of a hypersonic missile	1969
19690084947	The /07001/ Little John missile no. 1408, round no. LJ 664 AM	1969
19690084948	Wind tunnel investigation of the steady and unsteady pressure environment in the vicinity of a normal shock located in the diffuser section of a supersonic inlet configuration Final report, 19 Dec. 1968 - 18 Feb. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690084949	Some modern solutions for the MOM Gi-C gyrotheodolite /Hungarian Optical Works/	1969
19690084950	Wavelength dependence of total and depolarized backscattered laser radiation from rough metallic surfaces Technical documentary report, Apr. - Oct. 1968	1969
19690084951	Calculation of a set of photographic observations made on an artificial satellite	1969
19690084952	Optimum pulse duration for electromagnetic transmission during atmospheric reentry Technical report, Mar. - Aug. 1968	1969
19690084953	Development of carbon-filament-reinforced metals Final report, 1 May 1968 - 30 Apr. 1969	1969
19690084954	Investigation of new concepts for the decontamination of military hydrocarbon fuels	1969
19690084955	Composition and structure of chemically deposited PbS	1969
19690084956	Development of a process utilizing heated rolls for hot rolling metals Final report, 1 Jun. 1968 - 31 May 1969	1969
19690084957	High energy batteries Final report, 1 May 1968 - 31 Jan. 1969	1969
19690084958	An experimental study of the region of separated flow downstream of a 0.75-inch rearward-facing step at Mach numbers 2.5, 3.5, and 5 Final report, 25 Jul. 1968 - 26 Mar. 1969	1969
19690084959	Mesoscale studies of instability patterns and winds in the tropics Semiannual report, 1 Jun. - 31 Dec. 1968	1969
19690084960	Fluidic instrument pressure regulator Final report, 22 Apr. 1968 - 22 Jan. 1969	1969
19690084961	Study of plasticizer migration of a propellant by differential thermal analysis	1969
19690084962	Optimal intercept of maneuvering targets	1969
19690084963	Research and development programs Quarterly report, Apr. - Jun. 1969	1969
19690084965	A modified perturbation method for determining minimum fuel low-thrust Earth-Jupiter trajectories	1969
19690084966	Microangiography as a clinical approach	1969
19690084967	Space spillovers in the Soviet economy Final report	1969
19690084968	Propulsive re-entry aerodynamics /rocket plume in counterflow/ Quarterly letter report, Jun. - Sep. 1969	1969
19690084969	Third harmonic generation in reflection from absorbing media Semiannual status report, 1 Feb. - 1 Aug. 1969	1969
19690084970	XLR11-RM-13 rocket engine development and qualification program Final report	1969
19690084971	High energy electron flux observed from the ATS-1 synchronous satellite	1969
19690084972	Strength properties of discontinuous fiber composites	1969
19690084973	Technical investigation of near-field solution for Tacan sitting problems Final report	1969
19690084974	Evaluation of a portable instrument for detecting UDMH, MMH, hydrazine, and nitrogen dioxide	1969
19690084975	Combustion characteristics of crystalline oxidizers Interim scientific report, 1 Nov. 1968 - 30 Apr. 1969	1969
19690084976	Continuous sapphire filament production Final report, 1 Nov. 1967 - 31 Mar. 1969	1969
19690084977	A new gravitational theory	1969
19690084978	Manufacturing process for improved high- strength superalloy sheet Final report, 1 Apr. 1966 - 31 Mar. 1969	1969
19690084979	Investigation of perforated plastic spheres concept for fuel tank fire suppression Progress report, Aug. 1967 - 15 Oct. 1968	1969
19690084980	Applications technology satellite Quarterly progress report, 1 Mar. - 31 May 1969	1969
19690084981	J79-GE-10 engine vibration and lube system survey Final technical report	1969
19690084982	Quantum interferometer. Heterodyne detection with superconducting point contacts and enhanced heterodyne signals from tightly- coupled contacts Quarterly technical report, 15 Jan. - 15 Jun. 1969	1969
19690084983	Semiannual review of research activities, volume 1, July 1, 1968 - December 31, 1968	1969
19690084984	Semiannual review of research activities, volume 2, July 1, 1968 - December 31, 1968	1969
19690084985	Operational procedure for determining space vehicle response to wind turbulence, volume 1	1969
19690084986	Operational procedure for determining space vehicle response to wind turbulence. Volume 2 - Appendixes	1969
19690084987	In-flight investigation of the effect on PIO of control system nonlinearities, pitch acceleration and normal acceleration bobweights	1969
19690084988	Frequency spectra of forward-scattered underwater sound from a traveling sinusoidal surface	1969
19690084989	Preliminary Langmuir probe study of argon plasma in a hollow, hot oxide cathode using second derivative diagnostic techniques	1969
19690084991	The Domino 30 - A tactical low altitude search and designation radar	1969
19690084992	Detection of energy propagation in structural systems Final report, 1 Jan. - 30 Sep. 1968	1969
19690084993	Applications of the reference enthalpy method and an entropy layer analysis for laminar skin friction and heat transfer rates Final report, Apr. 1966 - Oct. 1967	1969
19690084994	Test and evaluation of A-7/TF30-P-8 smokeless burner cans Final report, 1 Sep. 1968 - 26 Mar. 1969	1969
19690084995	Acoustical investigation of the deep scattering layer for specific locations in the Atlantic and Pacific Oceans Research report	1969
19690084996	Investigations relating to the brittleness of beryllium Final report, Feb. 1967 - Jan. 1969	1969
19690084998	Compound semiconductor integrated circuits Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690084999	Improved graphite materials for re-entry vehicles, volume 2 Annual report, 1 Jan. - 31 Dec. 1968	1969
19690085000	Dielectric isolation process development Final report, 15 Jun. 1966 - 31 Oct. 1968	1969
19690085001	High temperature thermally stable greases, part 1 Annual report, 2 Apr. 1968 - 1 Mar. 1969	1969
19690085002	Solid-state infrared detector Semiannual report, 15 Jul. 1968 - 15 Jan. 1969	1969
19690085003	Effect of interior ballistic parameters on rocket exhaust smoke	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085004	Chemical Vapor Deposition /CVD/ barrel coating for refractory fasteners Interim technical report, 1 Apr. - 30 Jun. 1969	1969
19690085005	Results of flight tests of a large silhouette- type tow target /Del Mar Engineering Labs. tow target model DF-17A/ Final report	1969
19690085006	Life testing of a colloid thruster source Technical report, Nov. 1967 - Oct. 1968	1969
19690085007	Report on the laboratory evaluation of Intercontinental Dynamics Corporation altitude-encoding computer type CPU-89/A Final report	1969
19690085008	A statistically verified model for correlating volume loss due to cavitation or liquid impingement	1969
19690085010	Wide range flow control program	1969
19690085011	Reconstitution of reverted polyurethane potting compounds Technical report, Jul. 1968 - Dec. 1968	1969
19690085012	Development of an improved water separator for use in aircraft having an air cycle refrigeration system Final report, Dec. 1967 - Nov. 1968	1969
19690085013	Seismic system studies Quarterly technical report, 12 Nov. 1968 - 11 Feb. 1969	1969
19690085014	Dynamics of liquid filled shell - Liquid-central burster interference	1969
19690085015	An improved method for the resolution of signal components	1969
19690085016	Optimum design of computer driven display systems	1969
19690085017	Dynamic behavior of metals under tensile impact. Part 1 - Elevated temperature tests Summary report, 1 Mar. 1967 - 28 Feb. 1969	1969
19690085018	An investigation of laser applications to photographic illumination	1969
19690085019	DISIM - A computer program for simulating digital circuits	1969
19690085021	An associative processor using bulk storage Technical report, 30 Jan. 1968 - 28 Feb. 1969	1969
19690085023	Air-augmented hybrid target missile, phase 1 and 2 Technical report, 1 Nov. 1968 - 1 Jun. 1969	1969
19690085024	Payload integration for E and F layer and eclipse investigation 6.4E payload Final report	1969
19690085025	Reliability prediction - Mechanical stress/ strength interference /nonferrous/ Final report, Mar. 1967 - Aug. 1968	1969
19690085026	Surface studies of photoemissive materials Quarterly progress letter, 22 Nov. 1968 - 21 Feb. 1969	1969
19690085027	Research on new materials for electroluminescence Semiannual report, 1 Nov. 1968 - 31 Mar. 1969	1969
19690085028	Altitude scaling of photon fluxes in air - Program Isodose	1969
19690085029	Automation of secondary phase correction charts and tables	1969
19690085030	Considerations on the transformations of heat into electric energy in thermionic phenomena	1969
19690085031	Space programs Quarterly report, Apr. - Jun. 1969	1969
19690085032	Integrated tunnel diode amplifiers for X-band applications Quarterly report, 10 Feb. - 10 May 1969	1969
19690085033	A 300 deg C transformer rectifier Interim technical report, 1 Jan. - 31 Mar. 1969	1969
19690085034	Advanced array research Final report	1969
19690085035	Montana large aperture seismic array Quarterly technical report, 1 Feb. - 30 Apr. 1969	1969
19690085036	Airflow pattern in the turbulent envelope of UH-1C helicopter Final report, Sep. 1968 - Jan. 1969	1969
19690085037	Plasma ionization enhancement by laser line radiation Progress report, Sep. - Nov. 1968	1969
19690085039	Monthly report number 3, 14 June - 14 July 1969	1969
19690085040	Evaluation tests of vibration-resistant lead- acid aircraft batteries developed by Dynatech Corporation	1969
19690085041	The determination and prediction of near- synchronous satellite orbits utilizing a polynomial force model Technical report, Aug. 1967 - Oct. 1968	1969
19690085043	Theoretical performance of long-period 3-component multichannel filter processor. Advanced array research, special report no. 4	1969
19690085044	Value engineering study of dynamic analysis laboratory	1969
19690085045	Intra-array minimum phase equalization. Advanced array research special report no. 8	1969
19690085046	Lightweight 3-D antenna Final technical report	1969
19690085048	Gunn effect devices Final report, 15 Nov. 1965 - 14 Dec. 1968	1969
19690085050	Objective and dynamic analyses of tropical weather Semiannual report, 18 Sep. 1968 - 18 Mar. 1969	1969
19690085051	Exact linear analysis of the transient response on an elastic cylindrical shell of infinite length to plane underwater shock waves	1969
19690085052	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors Quarterly report, 13 Dec. 1968 - 13 Mar. 1969	1969
19690085053	Multicomponent long-period signal separation. Advanced array research special report no. 6	1969
19690085055	T58-GE-16 engine. Component improvement program, phase 2 Engineering activity report, 11 Oct. 1968 - 31 May 1969	1969
19690085056	The landing signal officer - A problem analysis. Volume 1	1969
19690085057	The landing signal officer - A problem analysis. Volume 2	1969
19690085058	Apollo 11 ground monitoring of the LM descent guidance performance Summary report	1969
19690085059	Apollo block data program user's manual /revision 2/	1969
19690085060	Test and evaluation of the Beseler model 1620 universal print dryer Final technical report	1969
19690085061	Diffraction effects and coherent images of photographically produced phase objects Technical document, Sep. 1966 - May 1969	1969
19690085062	A procedure for computing power spectral density of gust data Final report, Feb. 1967 - Oct. 1968	1969
19690085063	Qualification Procedures for Integrated Devices /QUPID/. Volume 1. Studies, evaluations and verification testing Final report, 23 Jun. 1966 - 23 Jun. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085064	Qualification Procedures for Integrated Devices /QUPID/. Volume 2. Guideline for part qualification requirements for monolithic microcircuits and vendor qualification requirements of monolithic microcircuits Final report, 23 Jun. 1966 - 23 Jun. 1968	1969
19690085065	The 07001 Little John missile no. 1404, round no. LJ 663 AM /20 May 1969/ Meteorological data report	1969
19690085066	Analysis of an arbitrary sandwich shell	1969
19690085067	Application of radar to measurement of surface precipitation Final report, 1 Sep. 1967 - 31 Aug. 1968	1969
19690085069	Static confirmation tests LGM-30G /Minuteman 3/ Final test report, 9 Mar. - 18 Jul. 1968	1969
19690085070	Logarithmic sonar receiver and three-color display Interim report	1969
19690085071	Evaluation of rocket nozzle passive temperature indicators Test report, Dec. 1968	1969
19690085072	Pennsylvania-Princeton Army Avionics Research Program. Moore School airspace simulation effort. Elements of a flight plan processor for air traffic control	1969
19690085073	PGNCS ascent postflight analysis	1969
19690085074	Research toward preparing bulk shapes of beryllium oxide by chemical vapor deposition techniques Quarterly report, 15 Mar. - 15 Jun. 1969	1969
19690085075	A diaphragm gauge for measuring vapor pressures of fluorinated metal chelates	1969
19690085076	UHF ground satellite terminal antenna	1969
19690085077	Gas dynamics of condensing vapors Final report	1969
19690085078	Performance of a MIL-L-23699A lubricant under increased severity operating conditions in a gas turbine engine	1969
19690085079	Test and evaluation of General Electric power management system tester applied to T58-GE-10 turboshaft engines installed in SH-3D Interim report	1969
19690085080	Characteristics of dielectric loaded waveguides in a nonhomogeneous array Interim report	1969
19690085081	Telemetry development and test program Quarterly report, Apr. - Jun. 1969	1969
19690085082	Manufacturing methods for large high-temperature sandwich structures Interim engineering progress report, 16 Dec. 1968 - 15 Mar. 1969	1969
19690085084	Laser-tracking and image-forming arrays Final report	1969
19690085085	Thin-film memory diode	1969
19690085086	Fundamental investigations of photoemission Final technical report, 15 Apr. 1966 - 15 Apr. 1969	1969
19690085087	Far-field prediction of submarine radiated noise from near-field measurements, volume 2	1969
19690085088	Reliability evaluation of a mechanical stability augmentation system for helicopters Final report, Mar. 1967 - Dec. 1968	1969
19690085089	The application and evaluation of reinforced plastic materials to flueric hot gas valves	1969
19690085090	Statistical analysis of a turbulent wake by means of laser hologram interferometry	1969
19690085091	Test and evaluation of the Houston Fearless super 8mm and 16mm color processor /mini-color/	1969
19690085092	Fatigue properties of materials for high- speed, marine propellers	1969
19690085093	Waves of ionization in low pressure molecular gas discharges	1969
19690085094	Preparation of DASA optical instrumentation for airborne measurements of PCA aurora Final report	1969
19690085095	Evaluation of knit cloth for underwear in anti-exposure, wet type, flying coverall	1969
19690085096	Adjustment of a set of observations forming several populations - Estimate of variances	1969
19690085097	Power-handling capability of radiating systems in the exoatmosphere Final report, May 1968 - Apr. 1969	1969
19690085098	Strong field electromagnetic wave interaction with anisotropic plasmas Final report, Mar. 1967 - Feb. 1969	1969
19690085099	Integrated pin diode phase shifter networks Interim technical report, 15 Sep. - 15 Dec. 1968	1969
19690085100	Development of devices for power conditioning applications Quarterly progress report, 28 Dec. 1968 - 28 Mar. 1969	1969
19690085101	The variation of sound velocity and temperature in the Mediterranean and Black Seas	1969
19690085102	Operation of the Uinta Basin Seismological Observatory Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19690085103	An electronic short-distance range finder- A review of the state of development	1969
19690085104	A laser-triggered switch employing solid dielectrics	1969
19690085105	Problems in automating multichannel adaptive processing. Advanced array research, special report no. 5	1969
19690085107	Mobile switching and multiplex terminal Final report, Apr. 1968 - Apr. 1969	1969
19690085108	The complexity of decoders. Part 2 - Computational complexity	1969
19690085109	Holography manual. A compilation of laboratory techniques commonly used in the construction of holograms including refinement developed at NELC Technical document, Jul. 1967 - Feb. 1968	1969
19690085110	Properties of zone purified beryllium and selected beryllium rich alloys Final report	1969
19690085111	Demonstration of high strength fiber glass reinforced composite motor case technology	1969
19690085112	Test firing of a castable carbon rocket nozzle	1969
19690085113	Analysis of transformations of position and velocity data through the use of the subroutine TRANS	1969
19690085114	Flight test of Minipan camera	1969
19690085115	Test and evaluation of Elcan 90mm F/1 high speed lens	1969
19690085118	Effect of temperature on mechanical behavior of Sprint gas generator propellants	1969
19690085119	A FORTRAN 4 program for analyzing one-dimensional conical nozzles exhausting nitrogen gas with boundary layer corrections	1969
19690085120	Effects of dimension-reducing mappings on Gaussian probability density functions	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085121	Accelerated service test and evaluation of the North American Rockwell OV-10A aircraft propulsion system Interim report, 21 Dec. 1968 - 24 Apr. 1969	1969
19690085123	Review of recent developments. Beryllium	1969
19690085124	TacComSat repeater precise absolute delay measurement Technical report, 16-17 Dec. 1968	1969
19690085126	Improved video detectors Final technical report, Jan. 1967 - Sep. 1968	1969
19690085127	Evaluation of advanced gear-forging techniques Final report	1969
19690085128	Acoustic observations at a shallow water location off the coast of florida	1969
19690085129	Solid propellant test evaluation of water-cooled nozzle Final report, 15 Oct. 1967 - 1 Mar. 1969	1969
19690085130	Operation of the Tonto Forest Seismological Observatory Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19690085136	Effects of stabilizer configuration on transonic aerodynamic characteristics of a variable-geometry high-hypersonic-performance spacecraft /U/	1969
19690085138	Vacuum induced changes in the mechanical and chemical properties of a sterilized solid rocket propellant /U/	1969
19690085139	Aerodynamic Characteristics of a Maneuverable Missile with Cruciform Delta Wings and AFT Tail Controls at Mach Numbers from 1.50 to 4.63	1969
19690085140	Initial Results from Flight Measurements of Turbulent Heat Transfer and Boundary-Layer Transition at Local Mach Numbers Near 15 (Reentry F)	1969
19690085141	Airborne MTI radar studies /U/ Quarterly progress report, 1 Feb. - 30 Apr. 1969	1969
19690085142	A 25 mm microchannel array development /U/ Quarterly technical report, 5 Jun. - 4 Sep. 1968	1969
19690085143	Combustion mechanism of low burning rate propellant /U/ Final report, 1 Jan. 1967 - 31 Dec. 1968	1969
19690085144	Applications of the reference-enthalpy method for laminar skin friction and heat transfer rates on delta wings /U/ Final report, Apr. - Jul. 1968	1969
19690085146	TP-H8156 propellant aging program, four-year phase report /U/	1969
19690085147	Aerojet model C-19 advanced Forward-Looking Infrared system /U/ Final report, 3 Jan. 1967 - 29 Nov. 1968	1969
19690085148	Test and evaluation of nozzle insert materials with fluorinated oxidizer-hydrazine fuel propellants /U/ Final report, 1 Dec. 1966 30 Apr. 1969	1969
19690085151	Stark broadening of isolated lines of neutral atoms	1969
19690085152	Installation of a high-reduction-ratio transmission in the UH-1 helicopter Technical report, 28 Jun. 1966 - 17 Apr. 1967	1969
19690085153	Optical fiber transmission and quality studies Interim engineering report, 23 Apr. 1968 - 28 Feb. 1969	1969
19690085154	Heteroepitaxial deposition of P positive positive GaAs on insulators Quarterly progress letter, 17 Feb. - 31 May 1969	1969
19690085155	Reflections on the design characteristics of lasers for future geodetic applications	1969
19690085156	Soviet quantum electronics research Surveys of foreign scientific and technical literature report no. 4, Mar. - Dec. 1967	1969
19690085157	Exo-atmospheric antenna Final report, Jun. - Oct. 1968	1969
19690085159	Plasma arc welding process development program, volume 1 Final technical report, Jul. 1966 - Nov. 1968	1969
19690085160	Fully automated high speed message entry equipment /AN/FST-6 /XE-2// Semiannual report, 15 Mar. 1968 - 7 Feb. 1969	1969
19690085161	High peak power microwave devices Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690085162	Multi-chip integrated circuit package Quarterly report, 1 Mar. - 31 May 1969	1969
19690085163	Electrically conductive corrosion control techniques for avionics Final report, 1 Apr. 1967 - 30 Mar. 1969	1969
19690085164	Investigation of the electrode migration and reaction process occurring in alkaline-zinc batteries Quarterly progress report, 1 Mar. - 1 Jun. 1969	1969
19690085165	Evaluation of a ground-based rescue concept	1969
19690085166	Design evaluation of 'Mikropak' model 541250 power supplies manufactured by Litton Systems, Inc.	1969
19690085167	Streamline motion of a viscous, incompressible fluid in a curved pipe with an elliptical cross section	1969
19690085168	Powder metallurgy production of structural shapes Quarterly report, 19 Mar. - 18 Jun. 1969	1969
19690085169	High performance fuel cell Quarterly technical report, 1 Apr. - 30 Jun. 1969	1969
19690085170	The crystal structure of trifluoroethyl tetryl Final report	1969
19690085171	Multiple-constraint adaptive filtering. advanced array research	1969
19690085172	Some aspects of organometallic research at the organic chemistry institute, TNO	1969
19690085173	A reliable vacuum-tight soldered ceramic-metal seal	1969
19690085174	Some current research problems and results in the deposition of thin films through condensation	1969
19690085175	Suspended particles in a sound field	1969
19690085176	Ballistic performance of a Thiokol TE-M-521 IDCSP/A spacecraft apogee kick motor tested in the spin mode at simulated altitude conditions Final report	1969
19690085177	Evaluation of miniature audio transformers, APN 11151426, 11150669, 111511420, and 111511426	1969
19690085178	Fiber optics image inverter /U/ Interim technical report, 1 Jul. - 30 Sep. 1967	1969
19690085179	Fiber optic image inverter /U/ Interim technical report, 1 Oct. - 31 Dec. 1967	1969
19690085180	Multialkali internal reflection photocathodes /U/ Quarterly progress report, 6 Sep. - 5 Dec. 1967	1969
19690085181	Development of a three-stage 60-18 mm variable magnification image intensifier /U/ Quarterly technical report, 1 Feb. 1960 - 30 Apr. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085182	Development of a three-stage 60-18 mm variable magnification image intensifier /U/ Quarterly technical report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690085183	Development of a microchannel electro-optical inverter image intensifier tube /U/ Quarterly technical report, 1 Apr. - 30 Jun. 1967	1969
19690085184	Development of a microchannel electro-optical inverter image intensifier tube /U/ Quarterly technical report, 1 Jul. - 30 Sep. 1967	1969
19690085185	Development of a microchannel electro-optical inverter image intensifier tube /U/ Quarterly technical report, 1 Oct. - 31 Dec. 1967	1969
19690085188	Investigation of sulfidation mechanism in nickel base superalloys Final research report	1969
19690085189	Plasma turbulence and diffusion Semiannual report, 1 Oct. 1968 - 1 May 1969	1969
19690085190	Analysis of the Wichita Mountains Seismological Observatory ambient noise spectral lines. Advanced array research	1969
19690085191	Resistance jet microthruster system development Final summary report, 5 Oct. 1966 - 16 Apr. 1968	1969
19690085193	US Navy satellite geophysics program, October - December 1968 Status report	1969
19690085194	Solid propellant mechanical behavior studies. Volume 1. Effect of grain end shape on stress concentrations at the case-propellant interface Final report, 2 Oct. 1967 - 28 Feb. 1969	1969
19690085195	Solid propellant mechanical behavior studies. Volume 2. Application of reaction rate theory to solid propellant mechanical behavior Final report, 2 Oct. 1967 - 28 Feb. 1969	1969
19690085197	Manufacturing methods for producing large diameter close tolerance superalloy castings Engineering progress report, 1 Nov. 1968 - 1 May 1969	1969
19690085198	Applied optics research report, fiscal year 1969 Quarterly technical report, 1 Jan. - 31 Mar. 1969	1969
19690085200	N-port log-periodic monopole arrays with N-1 frequency selective outputs	1969
19690085201	Nucleonic cryogenic propellant gaging system Final technical report, Apr. 1967 - Apr. 1969	1969
19690085202	Monte Carlo calculations of the transmission of thermal radiation from nuclear detonations in model atmospheres Final report	1969
19690085203	A user's guide to SEAL SHELL 2 for the analysis of axisymmetric and nonaxisymmetric pressure vessels	1969
19690085204	Sequential stereo holography with application to X-rays Progress report, 1 Jun. - 30 Aug. 1968	1969
19690085205	Research and engineering studies and analyses of fan engine stall, dynamic interaction with other subsystems and system performance Interim technical report, 1 Jul. 1968 - 30 Jun. 1969	1969
19690085206	Manufacturing methods and processes to produce difunctional perfluorinated monomers Interim report, 1 Feb. - 30 Apr. 1969	1969
19690085207	Solid state star detection head /U/ Final report	1969
19690085208	Development and demonstration of a nitrogen tetroxide/hydrazine injector /U/ Final report, 1 Apr. 1968 - 31 Mar. 1969	1969
19690085209	Combustion studies of low burning rate, high-energy propellant /U/ Interim progress report, 1 Jan. - 30 Apr. 1969	1969
19690085212	Gated 72 mm microchannel array study /U/ Interim technical report, 24 Apr. - 24 Jul. 1968	1969
19690085213	A 40 mm gated microchannel array development /U/ Interim technical report, 7 Sep. - 6 Dec. 1968	1969
19690085214	Multialkali internal reflection photocathodes /U/ Quarterly progress report, 6 Dec. 1967 - 5 Mar. 1968	1969
19690085215	Multialkali internal reflection photocathodes /U/ Quarterly progress report, 6 Mar. - 5 Jun. 1968	1969
19690085216	Multialkali internal reflection photocathodes /U/ Quarterly progress report, 6 Jun. - 5 Sep. 1968	1969
19690085217	Multialkali internal reflection photocathodes /U/ Quarterly progress report, 6 Sep. - 5 Dec. 1968	1969
19690085219	Current recommended service life listing and surveillance status of propulsion devices and auxiliary power systems /U/	1969
19690085221	Pane light/shed light /U/ Final report	1969
19690085222	P-bep cure studies /U/ Technical summary report, 1 Jul. 1968 - 31 May 1969	1969
19690085229	Engineering property determination on rocket propellants /U/ Annual summary report, 6 May 1968 - 6 May 1969	1969
19690085231	IRIA annotated bibliography of infrared literature, volume 13. Number 1 /U/	1969
19690085237	Development of high-temperature metals and composites for advanced rocket nozzles and associated structures /U/ Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690085239	Gated 72 mm microchannel array study /U/ Interim technical report, 24 Jan. - 24 Apr. 1968	1969
19690085245	Standard arm /U/ Final technical report	1969
19690085246	Microelectronic digital analyzer for the GT-1	1969
19690085247	A small computer system to process FM recordings of absorption spectra	1969
19690085248	Radiative thermal protection systems development for maneuverable reentry spacecraft	1969
19690085249	Cost effectiveness analysis of telemetry data acquisition by the Space Tracking And Data Acquisition Network /STADAN/	1969
19690085250	Infrared detector research Annual report, 19 Feb. 1968 - 19 Feb. 1969	1969
19690085251	Chemical vapor deposition of aluminum oxide ceramic shapes Annual report, Mar. 1968 - Mar. 1969	1969
19690085253	Project Secede 1 HF radar studies of barium clouds	1969
19690085254	Use of acoustic emission in nondestructive testing Semiannual report, 1 Jul. 1968 - 28 Feb. 1969	1969
19690085255	Flight evaluation of a side-hand /palm/ controller in UH-2C helicopter Final report	1969
19690085256	PCM telemetry system for earth resources aircraft Final report	1969
19690085266	Fiber optic image inverter /U/ Interim technical report, 1 Apr. - 30 Jun. 1967	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085267	Measurements of the central temperature during muscular exercise in a hot environment	1969
19690085268	Development of tow cables for AN/ASQ-81 helicopter towed MAD	1969
19690085269	Review of artificial radiation belts, Explorer 4, unidirectional trapped radiation, Injun 1 Final report, 1 Mar. 1968 - 31 May 1969	1969
19690085270	A 3.2 millimeter transmitter tube Triannual report, 1 Nov. 1968 - 28 Feb. 1969	1969
19690085271	Ignition and combustion of liquid hydrocarbon fuels in supersonic flow Final scientific report	1969
19690085272	Optics research, 1969 Quarterly technical summary report, 1 Feb. - 30 Apr. 1969	1969
19690085274	Study program tunable RF rejection filters using cancellation techniques Final report	1969
19690085275	Aerobee AF AT 3.535 Meteorological data report, 25 Jun. 1969	1969
19690085276	Aerobee KP 3.28 Meteorological data report, 12 Jun. 1969	1969
19690085277	On the accuracy of the determination of the zonal component of the gravity potential from satellite measurements	1969
19690085278	Average backscattering cross section of wires for arbitrary transmitter and receiver polarizations	1969
19690085279	Aircraft Load Alleviation and Mode Stabilization /LAMS/ Final technical report, Jun. 1966 - Dec. 1968	1969
19690085280	Seismic data laboratory Quarterly technical summary report, Apr. - Jun. 1969	1969
19690085281	NRX/A6, EP-3A propulsion reactor test - Characteristics of particulate effluent and comparison to Phoebus 1B, EP-4	1969
19690085282	Design of a prototype brake/drive unit for airplane landing gear wheels Final report, 19 Jun. 1968 - 19 Feb. 1969	1969
19690085283	Synthesis and evaluation of curing agents Annual technical report no. 1, 4 Mar. 1968 - 28 Feb. 1969	1969
19690085284	On the problem of the formation of mold fungus patterns on optical glass	1969
19690085286	Nike-Hydrac STV-86 Meteorological data report, 4 Jun. 1969	1969
19690085287	Gradient methods in mathematical programming. Part 1 - Review of previous techniques	1969
19690085288	Gradient methods in mathematical programming. Part 2 - Memory gradient method	1969
19690085289	Gradient methods in mathematical programming. Part 3 - Supermemory gradient method	1969
19690085290	Space age acronyms	1969
19690085291	Radioactivity release from radionuclide power sources. Part 9 - Release from solid solution plutonium-zirconium oxide fuel to seawater	1969
19690085292	Thermodynamic and shock wave properties of argon and nitrogen in chemical equilibrium with virial and ionic corrections. Volume 2 - Tables for argon Technical report, May 1960 - Aug. 1968	1969
19690085293	Thermodynamic and shock wave properties of argon and nitrogen in chemical equilibrium with virial and ionic corrections. Volume 3 - Tables for nitrogen Technical report, May 1960 - Aug. 1968	1969
19690085294	Study of high altitude plume impingement - Program user's manual Final report	1969
19690085295	Annual progress report, fiscal year 1969 Progress report, 1 Jul. 1968 - 30 Jun. 1969	1969
19690085297	A method for the calculation of force, moment and power coefficients of propellers in forward flight of tilt angles from 0 to 90 degrees	1969
19690085298	Implications of substitution of strontium, titanate in terrestrial/marine radioisotopic power units	1969
19690085299	Preliminary results of the transient response of broadband antennas	1969
19690085300	Surface integrity of machined structural components Interim engineering progress report, 1 Mar. - 31 May 1969	1969
19690085302	Radial outflow compressor component development. Volume 2, phase 2. Design, fabrication, and test of an experimental compressor	1969
19690085303	Test of Collins high frequency /2-30 MHz/ antenna installed in CH-46F helicopter at optimum locations Final report, 8 Aug. - 22 Nov. 1968	1969
19690085305	Experimental evaluation of inhibited nitrogen tetroxide Final report, 1 Jul. 1967 - 30 Apr. 1968	1969
19690085306	Radiation effects in majority carrier devices 3 Final report, 30 Mar. 1965 - 31 Jan. 1969	1969
19690085307	Nike-Apache DRS, NASA 14.421 /UA/ /9 June 1969/ Meteorological data report	1969
19690085311	Research on dissemination processes. A search for optimum parameters for the generalized Lennard-Jones intermolecular potential from methane thermodynamic properties Technical report, Jun. 1968 - Mar. 1969	1969
19690085315	OV2-5 summary report	1969
19690085316	Aircraft characteristics that influence longitudinal handling qualities during carrier approach	1969
19690085318	T-38 canopy structures and mechanism stress analysis. Model T-38A	1969
19690085319	Optimum gyrators Quarterly report, Mar. - Jun. 1969	1969
19690085320	Techniques for producing beryllium oxide single crystals Interim report, 1 Apr. - 30 Jun. 1969	1969
19690085321	Scattering of a plane electromagnetic wave by a ferrite sphere	1969
19690085323	Combined stress strength results for grade A lava	1969
19690085324	A programmable real-time clock for digital computer controlled electrode relaxation experiments	1969
19690085325	Determination of fracture propagation and initiation energies for beryllium Final report, 1 Jan. 1967 - 30 Apr. 1969	1969
19690085326	Tactical considerations of atmospheric effects on laser propagation, phase 3 Final report, 13 Jan. 1968 - 28 Apr. 1969	1969
19690085327	Transistor, UHF, silicon, power 5 watt, 500 MHz PEM Quarterly reports, 1 May 1968 - 31 Jan. 1969	1969
19690085328	Preliminary report on the thermodynamic properties of selected light-element and some related compounds	1969
19690085329	Special Tacan Y-mode airborne receiver tests Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085330	Monomethylhydrazine/hydrazine combustion stability comparison Final report, Sep. - Nov. 1967	1969
19690085331	Defects in body centered cubic metals and alloys Final technical report, 1 Oct. 1966 - 30 Sep. 1968	1969
19690085332	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report, 1 Apr. - 30 Jun. 1969	1969
19690085333	Development of castable carbonaceous materials for solid rocket nozzles Final report, Mar. 1966 - Mar. 1969	1969
19690085336	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Feb. - 30 Apr. 1969	1969
19690085337	Geoscience and technology bulletin, volume 6, no. 4	1969
19690085338	Geometrical interpretation and direct determination of the oblateness of the earth	1969
19690085339	An automatic color separation device Final report, Jul. 1967 - Nov. 1968	1969
19690085340	The VERA system of radiation-hydrodynamic codes. Volume 1. Mathematical analysis and code applications Final report	1969
19690085341	The VERA system of radiation-hydrodynamic codes. Volume 2. Documentation of the VERA code Final report	1969
19690085342	The VERA system of radiation-hydrodynamic codes. Volume 3. Documentation of the TRAN code Final report	1969
19690085343	Dipole antenna for VLF reception in the ionosphere	1969
19690085344	New adjustment of the European triangulation net	1969
19690085346	Some remarks on the use of conformal projections in three-dimensional geodesy	1969
19690085347	Report on the results of the long French gravity ties	1969
19690085348	Signal and noise analysis of the partial NORSAR array - Advanced array research, special report no. 7	1969
19690085349	A study to evaluate the applicability of the gamma-match technique to aircraft antenna systems Final report	1969
19690085350	Meteorological data report - Aerobee NASA 4.269 UG /19 June 1969/	1969
19690085352	Formulation of a conceptual design for an advanced Geophysical Survey System /GEOSS/ Final report	1969
19690085353	Rapid site preparation techniques for VTOL aircraft. Part 3 - Design and test of remote site preparation systems. Volume 2 - Field commander's handbook Final report, 1 Aug. 1967 - 30 Jun. 1969	1969
19690085354	A-7D and A-7D/E evaluation and demonstration data report	1969
19690085355	Development of aids for the study of high- altitude nuclear explosions Annual report, 1 Apr. 1968 - 31 Mar. 1969	1969
19690085357	Marotta Valve Company pressure regulator, part no. 229954-1, NASA part no. 75M51263-1 /NASA control no. 3376-4/	1969
19690085358	LM-9 BPA test and checkout requirements document	1969
19690085359	Probability density distribution of orbiting spacecraft over Rosman, Madgar and Alaska	1969
19690085360	Relationships between the rhythm of spontaneous activity and the rhythm of the central temperature	1969
19690085362	New Barnyard - A multigroup neutron cross section code	1969
19690085363	Synthetic HF environment Final report, May 1967 - Jun. 1968	1969
19690085364	Transister Radiation Effects Compilation /TREC/. Volume 1. User's guide and source bibliography Technical report, 14 May - 14 Oct. 1968	1969
19690085365	Transistor Radiation Effects Compilation /TREC/. Volume 2. Program manual Technical report, 14 May - 14 Oct. 1968	1969
19690085366	Velocity distributions in a turbulent boundary layer in uniform or accelerated compressible flow	1969
19690085368	The foreign technology of solid propellants and their combustion Surveys of foreign scientific and technical literature, report no. 7, Jan. - Mar. 1969	1969
19690085369	Marine geophysical survey program 65-67. Western North Pacific Ocean and South China Sea, area 12. Volume 4 - Sound velocimeter results and shot run bathymetry Final report	1969
19690085370	The diademe survey - Results obtained in semi-dynamic geodesy by means of Doppler measurements	1969
19690085371	Prolonging lifetime of emulsion cutting fluids	1969
19690085372	Use of optical observations in space geodesy	1969
19690085373	Consideration on the inertial system of dynamic satellite geodesy	1969
19690085376	One-man lunar flying vehicle study Final review, 25 Jul. 1969	1969
19690085377	Environmental test program summary for the Orbiting Astronomical Observatory /OAO/ A-2	1969
19690085379	Apollo/Saturn 5 ground systems evaluation report - Apollo 9, AS-504	1969
19690085380	Evaluation of the structural behavior of filament reinforced metal matrix composites. Volume 1 - Component design, analysis, and fabrication Final report, 15 Apr. 1967 - 15 Nov. 1968	1969
19690085381	Evaluation of the structural behavior of filament reinforced metal matrix composites. Volume 2 - Materials development Final report, 15 Apr. 1967 - 15 Nov. 1968	1969
19690085382	Evaluation of the structural behavior of filament reinforced metal matrix composites. Volume 3 - Appendixes Final report, 15 Apr. 1967 - 15 Nov. 1968	1969
19690085383	Experiment requirements catalog for the study of circadian rhythm of vinegar gnat eclosion in space /MSFEB experiment S-072/	1969
19690085384	Experiment hardware definition for circadian periodicity of vinegar gnat eclosion Final technical progress report	1969
19690085385	Considerations on oppositely swinging reversible pendulums	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085386	The role of the theory of error and mathematical statistics in the treatment of geodetic measurement results	1969
19690085387	Compensation and valanche techniques for tree hardening. Volume 1 - Junction-compensation techniques for tree hardening Technical report, 20 Aug. 1966 - 20 Aug. 1967	1969
19690085388	Recently obtained measurements of jet and compressor noise and their applications to calculation and prediction techniques	1969
19690085390	Lunar surface optical environment and experiment package Annual status report	1969
19690085391	Contribution to the study of the electrical properties of glasses used in the construction of radio tubes /1/	1969
19690085392	Mechanism of air purification Quarterly progress report, Jan. - Mar. 1969	1969
19690085393	Semi-automatic V-angle film reader Final report	1969
19690085394	VESIAC monthly bulletin of VELA uniform research publications	1969
19690085395	Analytical studies of techniques for the computation of high-resolution wave number spectra. Advanced array research	1969
19690085396	Effects of ionizing radiation on quartz crystals Final report, 1 May 1968 - 30 Apr. 1969	1969
19690085398	LM-4 final data analysis	1969
19690085399	Apollo mission F spacecraft to spacecraft VHF coverage	1969
19690085400	Overall accuracy of EMU biomedical suit data	1969
19690085401	CSM-106 F mission final data analysis hybrid simulation data management support	1969
19690085402	Anaconda metal hose, flexible hose, NASA part number 75M15237, FFH-11	1969
19690085403	Apollo mission 8 - Trajectory reconstruction and postflight analysis, volume 1	1969
19690085404	Rendezvous radar data analysis - G mission Final report	1969
19690085405	Study to determine research in control system technology for future interplanetary missions Final report	1969
19690085406	Associated Testing Labs., Inc. two-way, two-position manifold valve, NASA part no. 75M09938-8	1969
19690085409	A multiple pulse-train selection technique utilizing an externally clocked shift- register delay line	1969
19690085410	Iron alloys with special magnetic properties	1969
19690085411	Study of oxygen reduction in doped cobalt oxide	1969
19690085412	Evaluation of Dacron purchase tapes utilizing the E-28 arresting-gear system Final report, 16 Aug. 1968 - Jan. 1969	1969
19690085413	Survey of advanced geophysical survey systems Final report	1969
19690085414	F-100F Starlight scope center mount Final report	1969
19690085415	Exploratory development program. Progress report for fourth quarter, fiscal year 1969	1969
19690085416	Automatic Switch Company - Solenoid valve, NASA part number 75M15214, PSV-4	1969
19690085417	Flight report for Delta vehicle S/N 20006, Delta program mission no. 62 - Spacecraft TOS-F	1969
19690085419	An evaluation of advanced propulsion systems for upper-stage applications	1969
19690085420	Graphite filament reinforced plastics Final report, 9 May 1968 - 9 May 1969	1969
19690085421	Interface heat exchanger system test Final report	1969
19690085422	T58-GE-16 official lube-oil interruption test engine serial no. 297004-3A	1969
19690085427	Synthesis of dense amines /U/ Quarterly technical report, 1 Apr. - 30 Jun. 1969	1969
19690085428	Development of a packageable oxidizer /U/ Quarterly technical report, 1 Apr. - 30 Jun. 1969	1969
19690085429	Advanced variable thrust compact combustor /U/ Quarterly progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690085430	Demonstration of a solid-propellant gas generator producing cool neutral gases /U/	1969
19690085432	Development of high-performance Domino propellants /U/ Quarterly technical summary report, 20 Feb. - 20 May 1969	1969
19690085436	Certification tests of a hybrid propulsion system for the Sandpiper target missile /U/ Final report, Aug. 1966 - Mar. 1968	1969
19690085437	Rapid site preparation techniques for VTOL aircraft. Part 3, volume 1 - Design and test of remote site preparation systems Final report, 1 Aug. 1967 - 30 Jun. 1969	1969
19690085438	Nocturnal illumination and decrease of contrast in the atmosphere	1969
19690085439	Thin underarm aircrew life preservers	1969
19690085441	Development of high pressure exponent fast- burning composite propellants /U/	1969
19690085442	Technical status report, April - June 1969 /U/	1969
19690085444	Evaluation and optimization of fluorocarbon binders /U/ Summary report, 1 Jan. 1968 - 31 Mar. 1969	1969
19690085446	Guidance and control for guided missiles and component development /U/ Technical status report, Apr. - Jun. 1969	1969
19690085448	Ignition research /U/ Quarterly progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690085449	Liquid propulsion technology /U/ Technical status report, Apr. - Jun. 1969	1969
19690085450	Propulsion system integration and test program steady state. Part 1 - Thrust diverter/vectoring system flow tests /Allison/ /U/ Technical report, Feb. - Jun. 1968	1969
19690085452	IRIA annotated bibliography of infrared literature, volume 13, no. 2 /U/	1969
19690085460	Manning, Maxwell, and Moore - One inch by two inch, 400 psig, relief valve, NASA part number 75M15235, FRV-3	1969
19690085461	Sage Engineering and Valve Company - Relief valve, NASA part number 76K00013-1	1969
19690085462	Acoustic parabolic reflector assembly /1400 Hz/	1969
19690085463	Brushless dc starter-generator Quarterly report, 1 Jan. - 1 Apr. 1969	1969
19690085464	White Sands Missile Range climatology no. 5. Stallion site, WSMR Meteorological data report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085465	C-5A category I test procedure. Ultimate test - Boron leading edge slat	1969
19690085466	Ultra-reliable VHF-FM receiver-transmitter Quarterly report, 10 Dec. 1968 - 10 Mar. 1969	1969
19690085468	Kinetics and mechanisms of the slow decomposition of some model explosive compounds	1969
19690085469	Pioneer-E revised block 2 A nominal trajectory /300 nautical mile second stage circular orbit/	1969
19690085470	Translations on French nuclear, missile, space, and related military developments no. 190	1969
19690085471	The solar atmosphere and the structure of active regions Quarterly status report, 1 May 1969 - 31 Jul. 1969	1969
19690085472	Thermo Tech, Incorporated 6-inch by 8-inch double wall hose assembly, NASA part number 76K04934-1	1969
19690085473	Detailed test objectives for Long Tank Delta launch vehicle, spacecraft - IDCSP/A	1969
19690085475	Test and evaluate the Color Tran Spectrolux SL-1 safelight	1969
19690085476	Ga-Al-As alloy laser diodes Quarterly report, 8 Nov. 1968 - 7 Feb. 1969	1969
19690085477	Flight report for delta vehicle S/N 20224 Delta program mission no. 67 spacecraft - TOS-G	1969
19690085478	Flight report for Delta vehicle S/N F20114, Delta program mission no. 64 - Spacecraft OSO-F	1969
19690085479	Flight report for Delta vehicle S/N 20002, Delta program mission no. 66 - Spacecraft, Intelsat 3-B	1969
19690085480	Three and one half /3 1/2/ year propellant and pressurant forecast for Rocketdyne	1969
19690085481	Mission Valve and Pump Company 330 psig relief valve, NASA part number 75M18273 FRV-2	1969
19690085482	Pathon Manufacturing Company pneumatic cylinder, 3 inch, 1000 psig, NASA part number 76K00084-1	1969
19690085483	Advanced spacecraft valve technology Quarterly progress report, 1 Jun. - 1 Sep. 1969	1969
19690085484	High resolution orthophoto output table Final technical report	1969
19690085485	Combat hassle data, volume 2. Part 2 - Maximum afterburner versus 2/3 afterburner	1969
19690085486	Athena V-142D, flight 118 /26 June 1969/ Meteorological data report	1969
19690085487	Computed X-band monopulse patterns of a thermally distorted 30 foot ATS F parabolic reflector	1969
19690085488	An algorithm for solving differential equations by series expansion	1969
19690085489	A cosmic ray search for fast magnetic charges Semiannual report	1969
19690085490	Test results of the Deltaplex Mark 2 digital transmission system over a 390 mile troposcatter link in the Aleutian Islands Final report	1969
19690085491	Technical evaluation of improved avionics system on SH-3D aircraft Interim report	1969
19690085492	Electronic and temperature effects in Gunn oscillators Final report	1969
19690085493	Spectrophotometric measurement of cadmium vapor density	1969
19690085494	Development of the prototype TS-2868/APX-72 test set, electronic circuit plug-in Final engineering report, Feb. - Jun. 1969	1969
19690085495	The effect of inclusion size and distribution on fatigue of 2024-T4 aluminum Technical report, 1 Apr. 1968 - 31 Mar. 1969	1969
19690085496	Investigation of hologram techniques Interim technical report, 1 Sep. 1968 - 31 Jan. 1969	1969
19690085498	Effects of radiation patterns on spectra and magnitude estimates	1969
19690085499	Report on the evaluation of the United Control Corporation electrically servoed angle of attack transducer Final report	1969
19690085500	Development of a manufacturing process for producing optically transparent armor Interim engineering progress report, 15 Oct. 1968 - 14 Jan. 1969	1969
19690085501	Spin-acoustic wave interaction in time- varying and spatially-varying magnetic fields Interim report	1969
19690085502	Applied research in electronic warfare techniques Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690085503	Nike-Apache STV-87 /1 July 1969/	1969
19690085505	The role of the scanning electron microscope in the study of solid rocket propellant combustion	1969
19690085506	F-14 airplane, automated aircrew escape system operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring of GAEC proposed MBA GRU-7A Interim report	1969
19690085507	Wind shear, turbulence and interface criteria for nuclear-explosion cloud, debris and fallout models	1969
19690085508	Spacecraft fires. Volume 2 - Report bibliography January 1953 - December 1968	1969
19690085509	Physical and chemical properties of fluids, lubricants and related materials Final report, 1 Nov. 1967 - 1 Jan. 1969	1969
19690085510	Fundamental studies on reactive oligomers Summary report, 15 Dec. 1967 - 15 Dec. 1968	1969
19690085511	Boron ignition limit curve as determined by a shock tube study	1969
19690085512	A study of water metabolism in Neurospora crassa Quarterly report	1969
19690085513	Effects of plant growth hormones on plant development in the absence of gravitational effects Semi-annual report, 1 Mar. - 31 Aug. 1969	1969
19690085514	The effect of weightlessness on the growth and orientation of roots and shoots of monocotyledonous seedlings Quarterly status report, 1 Mar. - 31 May 1969	1969
19690085515	Selective formation of particles by binding of pyrimidine polyribonucleotides or purine polyribonucleotides with lysine-rich or arginine-rich proteinoids	1969
19690085516	The complexity of decoders for iterated Hamming codes	1969
19690085519	Thin ferrites for integrated microwave devices Final report, 1 Oct. 1965 - 1 Feb. 1969	1969
19690085520	Mode selection investigation Interim report, 1 Jul. - 1 Dec. 1968	1969
19690085521	HX-184 transducer array. Volume 1. Final report	1969
19690085522	Dual purpose missiles for strategic aircraft. Volume 11. Part 1 - Computational support for DPMS Final report, 15 Jan. 1968 - 15 Jan. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085523	Program 624A quarterly reliability and quality assurance report. Volume 1. Reliability	1969
19690085524	Evaluation of voltage regulator, APN 11151129	1969
19690085525	Tracking and data relay satellite orbital coverages of unmanned spacecraft for 3,000-km and 8,000-km earth corridors	1969
19690085526	Low gravity propellant control using capillary devices in large scale cryogenic vehicles Quarterly progress report	1969
19690085531	Absolute pressure, transducer	1969
19690085532	Combat hassle data, volume 3. Part 1 - Maximum afterburner versus 2/3 afterburner	1969
19690085533	Investigation of superconducting interactions Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19690085535	Long life high power UHF VHF silicon interdigitated transistors Semiannual report, 1 Jul. - 31 Dec. 1968	1969
19690085536	Electronic pre-conditioning of signal inputs to an optical data processor	1969
19690085537	X band microwave measurement of the dielectric constants of dry air and its three constituent gases	1969
19690085538	An experimental study of Moliere's theory of multiple scattering	1969
19690085540	The development, fabrication and evaluation of sonic fatigue resistant aerospace structures utilizing viscoelastic materials Final report, Jul. 1967 - Mar. 1969	1969
19690085541	Integrated K-band transceiver Quarterly technical report, 1 Jan. - 31 Mar. 1969	1969
19690085542	Micropower linear integrated circuits Quarterly report, 24 Sep. - 23 Dec. 1968	1969
19690085545	Tethered balloons Bibliography report, Jan. 1953 - Dec. 1968	1969
19690085546	Microstructure studies of polycrystalline oxides Summary report, 25 May 1968 - 24 Jun. 1969	1969
19690085547	Detailed test objectives for long tank Delta launch vehicle, spacecraft - OSO-G	1969
19690085548	Infrared detector evaluation. Development and construction of three evaluation test stands Final technical report, Apr. 1968 - Apr. 1969	1969
19690085549	Metal-insulator-semiconductor transistor for use as a nonvolatile digital transistor storage element Final technical report, 1 Feb. 1968 - 31 Jan. 1969	1969
19690085550	Development of new approaches for the fabrication of XM157 combustible cartridge cases Final report, 11 May 1967 - 28 Feb. 1969	1969
19690085551	Improvement of interlaminar shear strength in plastic matrix composites by plasma deposition of graded polymeric coatings as coupling agents on fiber glass Quarterly report, 1 Mar. - 1 Jun. 1969	1969
19690085552	C-5A boron slit internal loads and structural analysis	1969
19690085555	Extended range applications Final technical report, 7 Dec. 1967 - 7 Dec. 1968	1969
19690085556	Production engineering of ferrite powder by fluid bed technique Quarterly report, Jan. - Mar. 1969	1969
19690085557	Mathematical model for long cable towed by orbiting aircraft Final report	1969
19690085558	Material testing of Titan 12 to 1 ablative liner /U/	1969
19690085559	Development of semiconductor wind velocity sensor for tactical weather buoy	1969
19690085560	Manufacturing technology for superior microwave acoustic transducers Interim report, 1 Apr. - 30 Jun. 1969	1969
19690085561	Tube failure mechanisms Quarterly report, 1 Feb. - 30 Apr. 1969	1969
19690085563	Singer-Kearfott pulse duration modulation gyro performance evaluation	1969
19690085564	Aerobee NASA 4.242 /13 June 1969/	1969
19690085565	Flaw point and dynamic microphotoelasticity investigation Final report, 24 Jan. 1968 - 19 Feb. 1969	1969
19690085566	Mechanism of fragmentation of silico-manganese steels	1969
19690085567	Laser communication systems Bibliography report, Jan. 1953 - Apr. 1969	1969
19690085568	Study of a fluid-controlled solid rocket motor for a Mars Orbiter, volume 1 Final report	1969
19690085569	Advanced, low energy laser configuration /U/ Final report, 29 Mar. - 28 Dec. 1966	1969
19690085571	Facility simulation of flight environment /U/	1969
19690085572	Gemini B TTCV RF circuit quality analysis /U/	1969
19690085573	Gemini B mass properties report 2.2 - Design status report, number 34 /U/	1969
19690085577	MOL laboratory measurement list FLT-3. Sequence number B360, revision B /U/	1969
19690085585	Development of new high energy explosive compositions /U/ Annual progress report, 17 Jul. 1968 - 30 Jun. 1969	1969
19690085586	Demand mode integral rocket ramjet /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
19690085589	Sage Engineering and Valve Company relief valves, NASA part number 75M51635 and 75M51665-2 test report	1969
19690085590	Hypernatremia without thirst	1969
19690085592	Marotta Valve Company part no. 202873-113, solenoid valve, 1/4 in. 750 psig gaseous nitrogen, NASA part no. 75M05871-PSV-3 test report	1969
19690085593	Normal mode solutions for two-and three-layer velocity profiles with bottom /U/	1969
19690085597	Propulsion system integration and test program /steady state/. Summary part 2 - Vehicle analysis studies /U/ Final technical report, Jun. 1967 - Feb. 1969	1969
19690085603	Estimation of zero-lift drag of missile configurations in supersonic flow with turbulent boundary layer /U/	1969
19690085604	Transonic aerodynamic characteristics of a variable-wing-sweep tactical fighter model, phase 7 /U/	1969
19690085608	Reentry vehicle roll control /U/ Technical report, Jan. 1967 - Jan. 1969	1969
19690085613	Determination of the rate of decomposition of cyclopropane in a chemical shock tube	1969
19690085614	Development and application of nondestructive methods for evaluation of diffusion-formed coatings on metallic substrates Final technical report, 1 May 1967 - 31 May 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085615	Random measures	1969
19690085617	Permeability of dimethyl silicone rubber to selected vapors at low concentration in air	1969
19690085618	Test of light shield in F-4C aircraft Final report	1969
19690085619	Test report for flow switch NASA part no. 75M15214, PFS-1	1969
19690085620	Sterer Engineering and Manufacturing Company 4-way, 3-position hydraulic, 3000 psi double solenoid valve NASA part no. 75M16990 test report	1969
19690085621	A 750 kHz, asynchronous, PCM data system for a solar infrared experiment	1969
19690085622	Dynamic docking study Final report, 31 Jan. - 31 Jul. 1969	1969
19690085623	Fluid Dynamics, Inc. 8-inch LOX filter, NASA part number 75M05869 LF-4 test report	1969
19690085627	Effects of EMP environment on military systems. Volume 1 Final report	1969
19690085628	Molecular and structural parameters of model high-energy compounds	1969
19690085629	Stress wave analysis in layer thermoviscoelastic materials by the extended Ritz method, volume 3	1969
19690085630	A note on correlation distance of the equatorial ionosphere	1969
19690085631	Methods of achieving and maintaining physical fitness for prolonged space flight. Experiment 5 - An investigation of the effects of overtraining, cessation of training, and the training program necessary to maintain a moderate level of physical fitness in college men Progress report, 1 Jan. - 31 May 1969	1969
19690085633	Hydrogen detecting and analyzing system - Improvement study, volume 2 Final report	1969
19690085634	Hydrogen detecting and analyzing system - Improvement study, volume 2 Final report	1969
19690085635	Comparison of recurring costs for a pressure-fed liquid and solid rocket booster stage for NASA launch vehicles	1969
19690085636	Spacecraft attitude, stabilization, and control systems - Computer program user's manual	1969
19690085638	Johnson Service Company, load limiting relay, NASA part number 75M15214 test report	1969
19690085639	LM-9 BPA factory test and checkout plan	1969
19690085641	Consolidated Precision Corporation 3/8 inch flexible hose assembly part no. BX-8009-06-0400, NASA part no. 75M18273 FFH-33 /NASA control no. 3399-4/	1969
19690085642	Delta-68, Intelsat 3-D, flash flight report	1969
19690085643	Marotta Valve Corporation pneumatic relief valve, 1/4 inch NASA part number 75M09286-4	1969
19690085644	Revised Launch Vehicle Cost Model, Volume 1	1969
19690085645	Revised launch vehicle cost model, volume 2	1969
19690085646	Revised launch vehicle cost model, volume 3	1969
19690085647	Investigation directed at the development of hardware for a prototype AMML Quarterly report	1969
19690085648	The effect of weightlessness on the growth and orientation of roots and shoots of monocotyledonous seedlings Quarterly status report, 1 Jun. - 31 Aug. 1969	1969
19690085649	Technical evaluation of commercial ISB receiver converter no. IRSC Final report	1969
19690085650	Influence of water and oxygen on fatigue life and wear during rolling-contact lubrication	1969
19690085651	Automatic initial mesh distribution for Puff 66 Technical report, Sep. 1967 - Mar. 1969	1969
19690085652	Development of 100 HP toroidal traction constant speed drive Final report	1969
19690085653	Denison Engineering Division, Abex Corporation relief valve, NASA part no. 75M21272	1969
19690085654	Preliminary design for a Manned Astronomical Space Telescope /MAST/, volume 2 - Detailed technical report	1969
19690085655	Analytical calibration of dc electromagnetic flowmeter Semiannual status report, 1 Feb. - 31 Jul. 1969	1969
19690085656	A comprehensive program for the compilation and analysis of thermal radiative properties data Annual report	1969
19690085657	Hayes International NASA Part Number 75M05383. Level Control Switch	1969
19690085658	Translations on French nuclear, missile, space, and related military developments no. 192	1969
19690085659	New filament winding techniques described	1969
19690085660	Development, manufacture of solid fuel rockets	1969
19690085661	Directional thrust control of solid-fuel engines	1969
19690085663	Cardiovascular adaptation during long-term weightlessness Semiannual progress report, 1 May - 1 Sep. 1969	1969
19690085664	Interference suppression techniques for GRARR VHF receiver Final project report, 5 Feb. 1968 - 4 Mar. 1969	1969
19690085666	Development and evaluation of simple lunar models for Apollo	1969
19690085668	Giannini Controls Corp., pressure transducer NASA part number 75M51731-7-6000A	1969
19690085669	ATCO Rubber Company flexible hose, NASA part no. 75M05692-1	1969
19690085670	Anaconda Metal Hose Division, flex hose, NASA part no. 75M15235 FFH-20	1969
19690085671	A general linear theory of thick shells of revolution	1969
19690085672	Mercoid Controls Corporation, temperature switch, range 4 bulb, NASA part no. 75M15214, PTS-6B test report	1969
19690085673	Marsh Instrument Company, helicoid gage, NASA part no. 75M05196-16F test report	1969
19690085674	Tescom Corporation pressure regulator NASA part number 75M51498-1	1969
19690085675	Design and development of the F-ND model 4050 reefing line cutter Final report	1969
19690085676	Mercoid Controls Corporation, pressure switch O-35 psig gaseous nitrogen, NASA part no. 75M15214, PPS-3 test report	1969
19690085677	Robbins Aviation Inc., hand valve NASA part no. 75M08413-1E test report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085678	Tescom Corporation, manual valve, NASA part no. 75M51365-2C test report	1969
19690085681	Electromagnetic compatibility testing of a dual operator station of the radio frequency operational intercommunications system	1969
19690085682	Investigation of scattering principles, volume 1 Final technical report	1969
19690085683	Investigation of scattering principles. Volume 2 - Scattering matrix measurements Final technical report	1969
19690085684	Investigation of scattering principles. Volume 3 - Analytical investigation Final technical report	1969
19690085685	Investigation of scattering principles, appendix Final technical report	1969
19690085686	Apollo/Saturn operation and maintenance manual for Transient Amplitude Detector model 66 /TAD-66/	1969
19690085687	Satellite communications systems - Technological studies and investigations Final report	1969
19690085689	Preliminary investigation of problems posed by cabin pressurization	1969
19690085690	Theoretical investigation of the constitution of the moon and planets Semiannual report, 1 Jan. - 30 Jun. 1969	1969
19690085692	Entry corridor generation for Apollo missions	1969
19690085693	Project Apollo. Communication systems performance and coverage analysis for Apollo 12 /H-1 mission/. Volume 1 - Operational data	1969
19690085694	Program manual for PRG001 ARMP data reduction program and PRG002 data tabulation program	1969
19690085695	Extravehicular crew transfer test report	1969
19690085696	MOL fluid dynamics preliminary data report - Thrustor plume tests. Sequence number B319, item data number UT-132	1969
19690085698	T58-GE-16 control system failure analysis	1969
19690085701	Delay line investigation Final report, Dec. 1967 - Dec. 1968	1969
19690085702	Optimization of user and earth station interfaces with DSCS. Task 2 - Fault location and interference measurement Interim task report	1969
19690085703	Gemini B oxygen system venturi and umbilical evaluation of flow characteristics Final report	1969
19690085704	Static test of recovery parachute aft bridle fitting and support structure Final report	1969
19690085705	Heat shield hatch acceptance test for functional fit at temperature Final report	1969
19690085709	Test and evaluation of specialized material Quarterly report, 22 May - 21 Aug. 1969	1969
19690085711	Gemini B safety program Status report	1969
19690085712	Delta-68, Intelsat 3 F-4, operations summary	1969
19690085714	Synthetic aperture helicopter radar experimental evaluation program Quarterly report, 1 Feb. - 30 Apr. 1969	1969
19690085715	Marine geophysical survey program 1965-1967. Western North Atlantic and eastern and central north Pacific Oceans. Area 6, volume 10 - Ship operations, measurements at sea and data analysis procedures Final report	1969
19690085716	Marine geophysical survey program 1965-1967. Western north Pacific Ocean and South China Sea. Area 12, volume 7 - Ship operations, measurements at sea and data analysis procedures Final report	1969
19690085717	Manufacture of large precision-cast dies for heated die forging of titanium alloys Interim engineering progress report, 16 Jan. - 15 Apr. 1969	1969
19690085719	Operation and service manual for 6000 psig oxygen supply cart 58E181231	1969
19690085721	Multifrequency, multifunction integrated arrays - Preliminary investigations Research and development report, Jul. - Dec. 1968	1969
19690085722	Operation and service manual for dual gas flow control panel 58E181228	1969
19690085723	Microwave integrated-circuit noise source Interim development report, 1 Mar. - 31 May 1969	1969
19690085724	Field testing of propellant system gases and liquids Final report, 3 Jun. 1968 - 28 May 1969	1969
19690085725	Where is the split-beam shadow?	1969
19690085726	Calculation of the scattered field in the shadow zone	1969
19690085728	Stability and radiation effects in complementary MOS transistors Final report, 18 Oct. 1966 - 17 Feb. 1969	1969
19690085730	Snap through of shallow clamped spherical caps under uniform pressure Technical report, 1966 - 1969	1969
19690085731	Standard navigation computer Final report, Jan. 1966 - Feb. 1969	1969
19690085732	Optoelectronics switch array Final development report, 8 Feb. 1968 - 19 Aug. 1969	1969
19690085733	Operation and service manual for liquid oxygen and liquid nitrogen installation kits 52E180178	1969
19690085734	Impact pressure distributions on wedge-shaped hull bottoms of high-speed craft Final report	1969
19690085735	Present status of HERO instrumentation	1969
19690085736	Jamesbury Corporation manufacturers part numbers - Ball valve D300F36TT pneumatic operator ST-440MS ball valve, pneumatic, 6-inch normally closed NASA part number 76K02795	1969
19690085737	Study of polymers for solid propellants Annual report, 18 Jun. 1967 - 18 Jun. 1968	1969
19690085738	Study of hydrazine reactor vacuum start characteristics Quarterly progress report, 1 Feb. - 30 Apr. 1969	1969
19690085740	Reliability analysis of the high energy upper stage rocket motor, phase 2, task 5 Final report	1969
19690085741	Study of graphite filament reinforced pyrolytic graphite rocket nozzle throat inserts Final report	1969
19690085742	Total yield, initial deficit and oxygen deficit in continuous and intermittent muscular exercise	1969
19690085743	Test report, Marotta Valve Corporation solenoid valve, 1/2 inch 3000 psig NASA part number 75M09285-2	1969
19690085744	Test report, Royal Industries, pneumatically operated shutoff valve, 12 inch, 150 pound NASA part number 75M05752 HSOV-1	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085745	Research investigation of the decomposition of composite solid propellants Final report, 5 Jul. 1966 - 4 Jul. 1969	1969
19690085746	Telemetry of the blood pressure from aircraft	1969
19690085747	The research program of the Applied Physics Department for the year 1968	1969
19690085748	Test report, Royal Industries, pneumatically operated shutoff valve, 3 inch, 150 pound NASA part number 75M057252 HSOV-2	1969
19690085749	Effect of filtration in an installed hydraulic system of the XB-70 air vehicle	1969
19690085750	A combined pulsed neutron experiment for elemental analysis of lunar and planetary surfaces	1969
19690085751	Discussion on H. Moenke's comparative studies on electron-beam microanalysis and laser microspectral analysis	1969
19690085752	The relationship between the load and the speed of shortening in vascular muscles	1969
19690085756	UHF film integrated circuits Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690085758	Nightglow intensities at sunspot minimum from measurements in Southwest Africa. 2. discussion of results and comparison with ionospheric observations	1969
19690085759	Numerical Experiments with a Difference Model for the Navier-Stokes Equations	1969
19690085760	Circadian Cycle of General Activity and of the Internal Temperature in the Male Quail	1969
19690085761	Specificity of the phospholipid and cholesterol composition of the mitochondrial membranes	1969
19690085762	UHF film integrated circuits Quarterly report, 1 Sep. - 30 Nov. 1968	1969
19690085763	Temperature measurements for diagnosing plasmas formed and heated by laser pulses	1969
19690085764	Electro-optical components optimization study program Quarterly progress report, 20 Jun. 1968 - 17 Jan. 1969	1969
19690085765	Long period array processing development Quarterly report, 21 Apr. - 31 Jul. 1969	1969
19690085766	Marine geophysical survey program 1965-1967. Western north Pacific Ocean and South China Sea. Area 15, volume 7 - Ship operations measurements at sea, and data analysis procedures	1969
19690085768	Linear integrated circuits Final report, 1 Jun. 1967 - 30 Nov. 1968	1969
19690085769	Evaluation of zener diodes, APN 11150993, APN 11151463, and APN 11151581-2	1969
19690085770	Quantitative determination of statistical properties of optical fields by Pade approximants Final technical report, 1 Jun. 1967 - 30 Jun. 1968	1969
19690085771	Multiple doped erbium glasses Quarterly report, 15 Oct. 1968 - 15 Jan. 1969	1969
19690085772	Production of dry process divalent silver oxide electrodes by continuous rolling Quarterly report, Dec. 1968 - Feb. 1969	1969
19690085773	Target signature analysis center - Data compilation, seventh supplement	1969
19690085775	Satellites capable of oceanographic data acquisition - A review	1969
19690085776	A digital computer program for the analysis of wave-form data. Multi-Record Wave Investigator for Sine And Random Data - MR WISARD	1969
19690085777	Advanced aircraft electric system studies and consultation for a proposed technical approach PTA documentation Final report, 21 Jun. 1968 - 21 Jun. 1969	1969
19690085778	An investigation on the effect of can sealants on MIL-L-23699 lubricants Final report	1969
19690085779	Titanium welding familiarization program, Project Titanes. Evaluation of titanium alloy weldments fabricated by San Francisco Bay Naval shipyard, Vallejo welders	1969
19690085780	Transmitter splatter reduction techniques Final report	1969
19690085781	Special testing for AN/USM-281 50MHz oscilloscope Final report	1969
19690085782	Operation and service manual for GOX high pressure regulator panel 52E180030	1969
19690085783	Considerations affecting the design of a portable reverberation room	1969
19690085786	LTA-8/LM-5 post test correlation of the ECS data with analysis	1969
19690085787	First article testing of multimeter AN/PSM-4F /resubmission/ /contract no. N600/24/65684/ Final report	1969
19690085788	Aircraft subsystem performance trend analysis based on regression modeling Final report	1969
19690085789	An improved experimental seismic tunnel detector	1969
19690085795	Supporting studies for sonar system range predictions Summary report, 12 Feb. - 11 Jul. 1969	1969
19690085796	Applicability of the Southwell plot to the interpretation of test data from instability studies of shell bodies	1969
19690085797	The performance of 10 microfarad power line feedthrough capacitors Interim report, Apr. - Jul. 1968	1969
19690085798	Preliminary test results dispersion of an elastic step pulse propagating in concrete	1969
19690085799	Moving electron beam welding system Final technical report, May 1966 - Mar. 1969	1969
19690085801	Airborne infrared decoy evaluation system Final report	1969
19690085802	Performance evaluation of Pioneer 23 foot diameter steerable personnel parachute Final report	1969
19690085803	Operation and service manual for telemetry control and checkout console, 52E440063	1969
19690085804	Gemini B flight effectiveness model report	1969
19690085805	Requalification of circuit breakers to /E/ revision of specification MIL-C-5809 Final report, 1-11 Jul. 1969	1969
19690085806	Soviet high-power lasers and their application Surveys of foreign scientific and technical literature	1969
19690085807	Neutron induced changes to transistor electrical characteristics and the changes to the modified Ebers Moll transistor model	1969
19690085808	Development and evaluation of an inflation aid for type C-9 canopies with deflation pockets, addendum	1969
19690085809	Effects of additives on ignition delay and chamber pressurization of space-ambient engines Final report, 15 Feb. - 15 Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085811	Feasibility of detecting impending fatigue failure in metals by observation of surface chemical and physical phenomena Summary technical report, 20 Oct. 1967 - 19 Oct. 1968	1969
19690085812	Differential scanning calorimetry determination of kinetics and activation energy of the slow thermal decomposition of model explosive compounds	1969
19690085813	Fatigue crack growth in embrittled steel	1969
19690085814	Mechanisms of sand and dust erosion in gas turbine engines Quarterly technical progress report, 1 Apr. - 30 Jun. 1969	1969
19690085816	High char yielding nitrosubstituted epoxide resins	1969
19690085817	On the velocity distribution in vortices	1969
19690085818	Internal structural factors determining the flow and fracture strengths of beryllium Final report, 1 Sep. 1966 - 31 Aug. 1968	1969
19690085819	Computing eigenvectors of normal matrices using the generalized inverse	1969
19690085820	Predicting the effects of a variable oceanographic environment on incompletely refracted sound	1969
19690085822	In-process control techniques for complex semiconductor structures. Task 2 - The application of secondary electron spectroscopy /Auger electron analysis/ to surface control program in the manufacturing of silicon devices Interim engineering progress report	1969
19690085823	Empire electromagnetic performance information research	1969
19690085825	Response of reentry-vehicle-type shells to transient surface pressures Technical report, 16 Jan. 1967 - 16 Jan. 1968	1969
19690085826	Spectral line profiles and radiative transfer Technical report, 1 Jun. 1963 - 1 Sep. 1964	1969
19690085827	Landing fields and runways. Volume 2 Report bibliography, Jan. 1953 - Dec. 1968	1969
19690085828	Nonlinear acoustics and control of laser output characteristics Final technical report, Mar. 1966 - Feb. 1969	1969
19690085829	The use of small and large displacement data from essentially elastic buckling tests on columns and plates as a means of correlating theory and experiment Final report	1969
19690085831	White Sands Missile Range climatography no. 4, White Sands desert site, WSMR	1969
19690085833	Ionospheric data report, April 1969 Monthly data report for Apr. 1969	1969
19690085834	Improved insulators for IC technology Interim engineering report, 16 Apr. - 15 Jul. 1969	1969
19690085835	The biological transport of nuclear weapons	1969
19690085836	Accelerated service testing of model J52-P-8A engine smoke abatement hardware Interim report, 19-20 May 1969	1969
19690085837	Evaluation of Sundstrand 30 KVA constant speed drive redesigned 'self-aligning' input spline shafts Interim report, 1 Apr. - 30 Jun. 1969	1969
19690085838	Review of recent developments. Metalworking	1969
19690085842	Unconventional methods of material removal	1969
19690085843	Review of recent developments. Nickel-base and cobalt-base alloys	1969
19690085845	Athena B-36, flight 115 /5 June 1969/ and Athena V-132D, flight 116 /6 June 1969/ Meteorological data report	1969
19690085846	Development of high-temperature continuous-rolling process for forming minimum-radii titanium sections Final technical report, 1 Dec. 1966 - 30 Apr. 1969	1969
19690085847	Review of recent developments - Refractory metals /Cb, Ta, Mo, W/	1969
19690085851	Navy long wave propagation center coverage predictions for the Navy, fixed, VLF transmitter facilities for June, July, and August /U/ Final report	1969
19690085852	Hovering Vehicle Versatile Automatic Control /HOVVAC/ development program phase 2 /U/ Final report, 1 Jul. 1968 - 30 Jun. 1969	1969
19690085856	Rocket propellant program propellants laboratory /U/ Technical status report, Apr. - Jun. 1969	1969
19690085857	AFNOL - A new energetic heat-resistant cast-curable binder /U/	1969
19690085858	UHF airborne terminal antenna techniques /U/ Final report, Aug. 1966 - May 1969	1969
19690085859	Thermal decomposition studies of a new perchlorate oxidizer /U/ Technical report, Jul. - Oct. 1968	1969
19690085860	High-temperature evaluation of a pyrolytic graphite coated throat insert /U/	1969
19690085864	XM 175 chemiluminescent marker /U/ Final report	1969
19690085865	Investigation of the application of finite difference methods to the solution of the wave equation for the propagation of sound in the ocean /U/ Final report, 27 Jun. 1968 - 27 Jan. 1969	1969
19690085867	Development and feasibility tests of wideband direction-finder receiver /U/ Research and development report, Feb. 1965 - Dec. 1968	1969
19690085868	Message compression for submarine broadcast traffic. Format and narrative compression. message-compression capability and compressor/expander characteristics attained through computer simulation /U/ Research and development report, Jan. - Nov. 1968	1969
19690085876	Short range electromagnetic underground communications system study /U/ Final report, 28 Mar. 1968 - 29 Mar. 1969	1969
19690085881	High energy upper stage rocket motor. Volume 1 - Testweight /U/ Final report	1969
19690085882	High energy upper stage rocket motor. Volume 2 - Flightweight /U/ Final report	1969
19690085883	Attenuation characteristics of the NASA hybrid propulsion system 2 /U/ Final report, 8 Jul. 1968 - 8 Apr. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085885	Effect of missile boattail geometry on simulated flight attenuation /U/ Technical summary report, 26 Mar. - 25 Jun. 1969	1969
19690085886	Space isotope power program /U/ Quarterly report, Jan. - Mar. 1969	1969
19690085888	Systems scoring development - Phoneme analysis of the modified rhyme intelligibility test	1969
19690085890	Development and flight test of a power supply conditioner for a fluid computer Final report	1969
19690085891	Analysis of heat transfer in a four-layer slab - Constant flux entering the outside surface and zero flux leaving the innermost surface	1969
19690085892	Altitude performance of five Thiokol Chemical Corporation TE-345 Titan vernier solid-propellant rocket motors having ages ranging from 71 to 81 months Final report, 18 Apr. - 1 May 1969	1969
19690085893	Synchronous counter frequency coding for remote control Development report, Apr. 1967 - Jul. 1968	1969
19690085894	Research at the Aerospace Environmental Facility - A summary for 1968 Final report, 1 Jan. - 31 Dec. 1968	1969
19690085895	Electron microscope fractography Final report	1969
19690085896	Sintered titanium coatings	1969
19690085897	Flox-diborane technology boundary reactions Final report, Mar. 1968 - Sep. 1969	1969
19690085898	Investigation of superconducting interactions Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690085899	Biochemical changes in development wheat seedlings returned from orbital flight Semiannual report	1969
19690085900	Ultimate internal and external pressure tests of the reentry module structure pressure test of static reentry module 1, volume 1	1969
19690085901	Sea surface roughness and shadow zone penetration	1969
19690085902	Sound from turbulent boundary layer excited panels	1969
19690085903	Phenomenological investigation of low mode marginal planar detonations	1969
19690085904	Resistor technology, volume 2 Report bibliography, Jan. 1962 - Mar. 1969	1969
19690085905	Evaluation of transformers APN 11078763, APN 11150341, and APN 11151966	1969
19690085906	Feasibility study for modes of utilization for advanced instrumentation systems Final report, 3 May 1968 - 3 May 1969	1969
19690085909	The use of a laser light source in film technology	1969
19690085910	Test and evaluation of model J65-W-16A/W-20 engine downstream ignition Final report	1969
19690085911	Signal generator model AN/URM-26C, ser. X102 /Walters/ Interim report	1969
19690085912	Use of N-beta-hydroxyethyl/ diethylene triamine as a hardener for epoxy resins in metal bonding	1969
19690085913	Microprogram standardization Final report	1969
19690085915	Technical/safety review summary for the Gemini B dual gas system test	1969
19690085917	A digital computer program for estimating aerodynamic force coefficients for unguided ballistic rockets	1969
19690085919	Aircraft fuel tank inerting by means of fuel cell fuel fogging Final report, 1 Jul. 1968 - 31 Jan. 1969	1969
19690085920	Investigation of materials for variable area nozzles Special technical report, 1 Jun. 1968 - 28 Feb. 1969	1969
19690085923	Response regulation technique for self- adaptive flight control of the XB-70 /U/ Final report	1969
19690085932	Operation and service manual for high pressure gaseous nitrogen/helium pressurization panel 58 E421218	1969
19690085933	MOL mass properties report 3.2 - Verification plan. Sequence number B256. Data item number S-66	1969
19690085934	Evaluation of the effect of free stream turbulence on the heat transfer to turbine airfoils Technical report, 3 Sep. 1968 - 31 May 1969	1969
19690085935	Requirements for advancement of technology, thrust augmentation systems	1969
19690085936	Tactical satellite communications program - Program 591 and LES-5 test report Final report, Jul. 1965 - May 1968	1969
19690085937	A capacitive measurement system for the nondestructive testing of fiber glass reinforced plastic laminates	1969
19690085938	A laboratory for studying the effect of solar and simulated solar radiation on airborne microorganisms	1969
19690085939	Tensile properties and fracture toughness of Al-4V titanium Technical report, Apr. 1968 - Mar. 1969	1969
19690085941	Three-axis flat-hand controller design, fabrication and tests Final report, 2 Jun. 1965 - 8 Aug. 1969	1969
19690085942	The aerodynamic and aeroelastic characteristics of a full-scale rotor blade stopped in flight Final technical report	1969
19690085945	Harmonic oscillatory motion of a wing-conic fuselage system in a supersonic flow	1969
19690085946	Solid rocket structural integrity abstracts, volume 6, no. 3	1969
19690085947	Hypersonic-turbulent boundary-layer separation over a cone-cylinder-flare configuration	1969
19690085948	Stable free radical forms of plasma proteins and related simpler structures which induce brain excitatory effects	1969
19690085949	Production engineering measure on gallium arsenide laser diode Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690085950	Gallium arsenide integrated circuits Interim technical report, 4 Nov. 1968 - 3 Jun. 1969	1969
19690085951	Monopropellant exhaust contamination investigation Final report, Nov. 1967 - Dec. 1968	1969
19690085952	Study of the information management aspects of integrated avionics, volume 1 Interim report, 28 Jul. 1968 - 15 Jan. 1969	1969
19690085953	LF to VHF shipboard direction finding research Interim development report, 1 Apr. - 30 Jun. 1969	1969
19690085954	Prototype production process for fabrication of wire and tubing by hydrostatic extrusion drawing Interim engineering progress report, 1 May - 31 Jul. 1969	1969
19690085955	Research study to develop a submerged arc automatic welding process for fabricating butt welds in thick titanium alloy plate Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690085957	The thermal ram - A new concept for load application Final report	1969
19690085958	Investigation and optimization of cryogenic stretch formed alloys for improved rocket case development Final report, 18 May 1966 - 17 Mar. 1969	1969
19690085959	Zero gravity test of an advanced surface- tension propellant orientation and ullage vapor venting device Final report, Jul. 1965 - Mar. 1967	1969
19690085961	Effect of test machine extensional rigidity on the initial buckling load for unreinforced circular cylindrical shells in axial compression Final report	1969
19690085962	Universal fuel control feasibility evaluation Final report	1969
19690085963	Shock wave dispersion in a laminated composite	1969
19690085964	Electro-optics for associative storage processor Final technical report, 12 Mar. 1968 - 12 Mar. 1969	1969
19690085966	Continuous viscosity measurement	1969
19690085967	Determination of the Debye temperature of zinc selenide using neutron diffraction	1969
19690085969	A computer study of 3.3 mm and 9.1 cm solar radio maps	1969
19690085970	Dynamic characteristics of cascaded pneumatic transmission lines	1969
19690085971	Photochromics for eye protection against nuclear explosion Final report, Feb. 1968 - Mar. 1969	1969
19690085972	Production engineering measure polysulfone plastic film Quarterly report, 1 Mar. - 1 Jun. 1969	1969
19690085973	Evaluation of Titan 2 oxidizer and fuel test kits Final report, Aug. 1968 - Jan. 1969	1969
19690085974	R-1E engine evaluation Final report, Feb. 1967 - Apr. 1968	1969
19690085976	Statistical analysis of LF/VLF communication modems Special technical report no. 1	1969
19690085977	Super-power beam type switch tube Final technical report, Dec. 1967 - May 1969	1969
19690085978	Nonaqueous electrolyte systems. Transport behavior in dimethyl sulfoxide. Part 3 - Conductance-viscosity behavior of tetraamylammonium thiocyanate from infinite dilution to molten salt at 55 deg C	1969
19690085979	Contributions to the question of the resistance of fully synthetic plastics to fungal attack	1969
19690085980	Qualification testing of the US Navy NS-5 parachute recovery system Final report	1969
19690085981	Microelectronics receiver techniques study Interim development report, 28 Mar. - 28 Jun. 1969	1969
19690085982	Results of measurement of omega reception at French centers	1969
19690085983	Vibration qualification test of shock mounted 52-88722-5 low range pressure transducer Gemini B-GBQ Final report	1969
19690085984	Evaluation of 4 CW100,000D tetrode in high voltage pulse modulation service	1969
19690085985	Sampling tests of one type MS 90447-2, 22.7-volt, 9 ampere-hour, nickel-cadmium aircraft storage battery manufactured by Sonotone Corporation	1969
19690085986	Limited endurance tests of a mechanically modified antenna AN/GRA-48 Interim report	1969
19690085987	F-14 aircraft, automated aircrew escape system operational aeromedical and human factors, maintainability and engineering evaluation, and system development, monitoring of Interim report, 26 Jun. - 12 Aug. 1969	1969
19690085988	Study of the application to and retention of activated charcoals by fabrics Final report, Apr. 1968 - May 1969	1969
19690085989	Combined power source and circuit continuity tester Final report, May 1968 - Jun. 1969	1969
19690085990	Nonaqueous electrolyte systems. Transport behavior in dimethyl sulfoxide. Part 1 - Conductance studies Interim technical report	1969
19690085991	Ambient noise-Bimini, Bahamas Final report, 7 Feb. 1964 - 31 Oct. 1967	1969
19690085993	Development of indium arsenide and indium antimonide surface barrier photodiodes Interim report, Mar. 1968 - May 1969	1969
19690085994	Family of Army Aircraft Study time frame, 1970 - 1985 /FAAS-85/. Volume 3 - Annex E - State-of-the-art	1969
19690085996	EMC data collection techniques - Test methods CE and CS Interim report, 2 Nov. 1968 - 2 May 1969	1969
19690085997	Cadmium sulfide platelet current injection electroluminescent diodes	1969
19690085998	Nonaqueous electrolyte system. Transport behavior in dimethyl sulfoxide. Part 2 - Viscosity studies Interim technical report	1969
19690085999	MOL preliminary data report of the MOL protuberance heat transfer test /1AL1/. Volume 1. Data item number UT-132	1969
19690086000	Subscale rocket impingement - Blast shield and laboratory tunnel specimen Final report	1969
19690086002	Changes in the vertical structure of the waters above the rim of the continental shelf due to the influence of winds	1969
19690086003	Littoral currents produced by the wind	1969
19690086004	Fine structure of the upper mantle	1969
19690086005	CDRL acceptance test plan for environmental monitor unit. Sequence number T056. Data item number UT 455	1969
19690086006	Item test procedures for CEI no. MOL 805A. Age test support programs. CDRL item T087. Data item no. UT-468	1969
19690086007	AGE CEI design/performance verification test plan for CEI no. MOL 104A. Transporter - Mission module for the Manned Orbiting Laboratory /MOL/ system, CDRL item no. T014/UT-454	1969
19690086008	F-4 braking tests Final report	1969
19690086009	Military preliminary evaluation of the X-22A variable stability research aircraft, phase 2 Final report	1969
19690086010	Operation and service manual for coolant fluid transfer kit 52E180184	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086011	Gemini B procedures simulator initial version precision qualification test procedure CEI 58 Y010A GBPS computer program	1969
19690086012	Extravehicular crew transfer test report July 1968	1969
19690086013	Operation and service manual for helium leak detector cabinet 52E420097	1969
19690086014	Static test of the hoist loop support fitting Final report	1969
19690086015	Gemini B spacecraft systems test plan	1969
19690086016	Terminal forecast reference file	1969
19690086017	Large segmented, fiber glass reinforced plastic rocket motor cases. TU-312 rocket motor case Final technical report, Apr. 1963 - Feb. 1969	1969
19690086018	An investigation of the volatility characteristics of greases by thermogravimetric analysis, March - July 1968	1969
19690086019	GE-AVE maintainability program plan, CDRL item no. R014, data item no. UR-417	1969
19690086020	Survey study of the interconnection and packaging problems in microelectronics	1969
19690086021	Operation and service manual for ECS coolant system leak rate tester 52E180150	1969
19690086023	Butterfly valve, 14 inch, Electric Keystone Valve Corporation series 100, NASA part no. 75M15214, PBFV-24	1969
19690086024	Stewart Warner Corporation relief valve /gaseous nitrogen/, NASA part no. 75M50311- 10 and NASA control no. 3372-4	1969
19690086025	Study of a solid solution propellant system containing hydroxylammonium perchlorate /U/	1969
19690086026	Compact thermoelectric converter, phase 2C /U/ Final report, 1 Jul. 1968 - 30 Jun. 1969	1969
19690086027	Division of isotope development programs /U/ Quarterly report, Feb. - Apr. 1969	1969
19690086028	Division of isotope development programs /U/ Quarterly report, May - Jul. 1969	1969
19690086029	SNAP 29 power supply system, volume 3 /U/ Final report	1969
19690086030	A soil and population distribution study /U/ Final report	1969
19690086031	Aerospace nuclear safety program /U/ Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690086032	Advanced thermoelectric development program /U/ Annual progress report, Jan. - Dec. 1968	1969
19690086033	Compact thermoelectric converter, phase 2C /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690086035	Design and development of diborane shipping container Quarterly letter report, 7 May - 6 Aug. 1969	1969
19690086036	S-band steerable antenna verification - Lunar module	1969
19690086037	A circularly polarized, tilted-beam antenna for use at 36 and 72 MHz	1969
19690086038	Precise navigation over wide areas using satellites	1969
19690086039	Machinability parameters on new and selective aerospace materials Final technical report, 1 Dec. 1967 - 1 May 1969	1969
19690086040	Operation and service manual for rocket pressure test kit 52E400002	1969
19690086041	Shock isolation elements testing for high input loadings. Volume 2 - Foam shock isolation elements Final technical report, 1 May 1967 - 15 Jun. 1969	1969
19690086042	Shock isolation elements testing for high input loadings. Volume 3 - Mechanical shock isolation elements Final technical report, 1 May 1967 - 15 Jun. 1969	1969
19690086043	Shock isolation elements testing for high input loadings. Volume 4 - Appendix Final technical report, 1 May 1967 - 15 Jun. 1969	1969
19690086044	Flight evaluation of a new air data sensor for A-4 series aircraft Interim report	1969
19690086045	Sampling tests of three 6.0 ampere-hour, type MS90447-2, 22.7-volt, nickel-cadmium aircraft storage batteries manufactured by Sonotone Corporation	1969
19690086046	CDRL acceptance test plan for environmental control unit. Sequence number T055. Data item number UT-455	1969
19690086047	Solid state V-band devices Interim technical report, 2 Dec. 1968 - 1 May 1969	1969
19690086048	Man/system integration specialized analysis Final report	1969
19690086049	Acoustic liners for large engines Final report, 29 May 1968 - 25 Mar. 1969	1969
19690086050	Hybrid piezoelectric devices Quarterly report, 15 Nov. 1968 - 15 Feb. 1969	1969
19690086051	Studies and investigation leading to the design of a radio direction finder system for the MF-HF-VHF range Final report, 1 May - 31 Aug. 1968	1969
19690086052	Active filters Quarterly report, 10 May - 10 Aug. 1968	1969
19690086054	The development of the free-flight technique for the determination of static and dynamic aerodynamic coefficients using Longshot	1969
19690086055	IBM 360 real time teletype interface system	1969
19690086059	FREM sensor technique Interim technical report, Feb. 1968 - May 1969	1969
19690086060	Inverse computation	1969
19690086061	Surface waves resulting from explosions in deep water. Effect of charge depth of submergence on wave height and energy coupling Technical report	1969
19690086062	Solid-state and molecular theory group semiannual progress report	1969
19690086063	Optical sounding V Final report, 1 Apr. 1968 - 30 Mar. 1969	1969
19690086064	The effective local field and the spontaneous sublattice magnetization of ferrous fluoride	1969
19690086065	Development of hardened magnetic-field sensors /models CML-1A, CML-1B, CML-2A, and CML-2B, volume 1 Technical report, 30 Jun. 1965 - 5 Jun. 1967	1969
19690086066	MOL effectiveness program status report. Sequence number B428 Quarterly report, 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086067	On the propagation of high intensity, high voltage electron beams and the maximum current which such beams may possess	1969
19690086068	Operation and service manual for air data system tester 52E360013	1969
19690086069	Operation and service manual for computer system test console 52E270003, volume 1	1969
19690086070	Development of a reusable, strippable film as a carrier for liquid crystals for use in NDT	1969
19690086071	Prediction of pyrotechnic performance. Phase 2 - Magnesium-sodium nitrate /FY/ flares Final report	1969
19690086072	Performance and carrier suitability evaluation of the A-6A airplane with the J52-P8A engine installation Final report	1969
19690086073	Evaluation of the DBM-2A, 16 mm motion picture camera Final report	1969
19690086074	Qualification of MIL-L-23699A aircraft turbine engine candidate oil, shell WRGL 244 Final report	1969
19690086075	Atmospheric structure, Utah launch complex, Green River, Utah. Upper air data - Green River Met Site	1969
19690086076	Athena V-119D, flight no. 117 /20 June 1969/ Meteorological data report	1969
19690086077	Spacecraft test documentation	1969
19690086078	Low temperature study of alkaline manganese dioxide-zinc and nickel-cadmium batteries for balloon battery operation	1969
19690086079	Spacecraft analysis and design	1969
19690086082	Investigation of rotary actuation technique Quarterly technical report, 3 Apr. - 3 Jul. 1969	1969
19690086083	A rigorous solution for loran intersections on the spheroid and their construction on the universal transverse mercator grid	1969
19690086084	Ku-band pulse power amplifier Quarterly report, 1 Mar. - 31 May 1969	1969
19690086085	Micro scale gap test for explosive sensitivity	1969
19690086087	Development of a flameproof organic fabric, phase 1 Final report	1969
19690086088	Apollo mission 9 - Trajectory reconstruction and postflight analysis, volume 1	1969
19690086089	Saturn 5 derivative /S-1C/S-4B/II/ launch vehicle system study. Volume 2 - Appendices	1969
19690086090	Airborne MHD generator development. One megawatt diagonal conducting wall MHD generator Technical report, 1 Oct. 1967 - 31 Aug. 1968	1969
19690086091	Operation and service manual for Gemini B/laboratory electrical interface substitute 58E040503	1969
19690086093	Holographic color map storage Final report	1969
19690086094	Flight test and accelerated service test of the J65-W-20 engine Interim report	1969
19690086095	Review of recent developments. Mechanical properties of metals	1969
19690086096	Corrosion of DSRV materials in sea water - Six months exposure Interim report, Dec. 1967 - Oct. 1968	1969
19690086097	Developmental investigation of the Litton G-300-G2 two-degree-of-freedom gyro Final report	1969
19690086098	Reliability test of Kollsman Instrument Corporation altimeter, pressure, counter- drum pointer range, minus 1000 to plus 40,000 feet Final report	1969
19690086099	Adjustment of the Czechoslovakian gravimeter net	1969
19690086100	Studies of surfactants in nonaqueous suspensions Technical report, Feb. 1967 - Mar. 1968	1969
19690086101	Atmospheric structure White Sands Missile Range, New Mexico. Part 3 - Upper air data - Jallen site	1969
19690086102	Testing for normality by control bands digital computer program user's manual and theory	1969
19690086104	Simplified estimation of cloud albedos in the visible and infrared	1969
19690086105	Simulation and analysis of electric vehicle drives Final technical report, 1 Apr. 1968 - 26 Mar. 1969	1969
19690086106	Study of adhesion of activated carbon to surfaces Quarterly progress report, Jan. - Apr. 1969	1969
19690086107	Investigation of holographic testing techniques Semiannual technical report, 27 Nov. 1968 - 31 May 1969	1969
19690086108	AN/APN-169 intraformation positioning radar evaluation	1969
19690086110	Gardner-Denver Company air motor, NASA part no. 75M11149	1969
19690086111	Fluid Dynamics, Inc. filter assembly, NASA part no. 75M10992-1C	1969
19690086112	Republic Manufacturing Company hydraulic check valve, NASA part no. 75M06604-1	1969
19690086114	Production engineering measure CR-/XM-69//U and CR-/XM-70//U Quarterly report, 16 Mar. - 16 Jun. 1969	1969
19690086115	Frequency spectra of forward-scattered sound from the ocean surface	1969
19690086116	Self-organizing control of advanced turbine engines Final technical report, 1 May 1968 - 31 May 1969	1969
19690086117	Heat transfer hazards of liquid rocket propellant explosions Final report	1969
19690086118	An improvement on the short-circuited-line method for measuring complex permittivities	1969
19690086119	Dropping a normal to the ellipsoid	1969
19690086120	Manufacturing methods for producing large diameter close tolerance superalloy castings Engineering progress report, 1 May - 31 Jul. 1969	1969
19690086121	Research on laser balancing of rotating turbine components Final technical report, 1 May 1967 - 31 May 1969	1969
19690086122	An electrolytic cell for use in weightless space	1969
19690086123	Heating - Drinking - Efficiency	1969
19690086124	Experience with a new beverage for workers exposed to heat	1969
19690086125	Changes of the plasma volume during normal and maximum work in a sitting position	1969
19690086126	On the alignment of a spin-stabilized body	1969
19690086127	Calculation of heat storage in man for a transitory period	1969
19690086128	Physical analysis of pressure waves recorded in an aorta and its main rami	1969
19690086129	Space vehicle data evaluation guide	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086130	Relations between the angular state of an atomic vapor subjected to optical pumping and its absorption into scattering properties	1969
19690086131	Production engineering measure for hybrid quartz filters 10 MHz to 30 MHz Quarterly progress report, 24 Mar. - 23 Jun. 1969	1969
19690086132	Calculus of probability and mathematical statistics in geodesy	1969
19690086133	Sampling tests of 33 aircraft batteries, 18 ampere-hour, 24-volt, lead-acid, type MS 18045-41, manufactured by Teledyne, Inc., Gill Electric Division	1969
19690086134	Fourteenth annual report	1969
19690086135	Survey study of the interconnection and packaging problems in microelectronics	1969
19690086136	J-79-GE-10 engine nozzle area and secondary air flow effects on cruise and maximum power performance Final technical report, Nov. 1968 - Jan. 1969	1969
19690086138	Investigation of the performance characteristics of a fluidic air flow transmitter and a fluidic water level transmitter Final report	1969
19690086139	Determination of the ratio of L- X-rays to alpha particles emitted by Pu-239 Technical report, Jul. - Dec. 1967	1969
19690086140	Thermoelectric power generator system Final technical report	1969
19690086141	Performance of MIL-L-23699-A oils in the Rolls Royce oil deterioration apparatus	1969
19690086142	Theoretical interatomic potentials for alkali- noble-gas diatomic systems	1969
19690086143	Compilation of low energy electron collision cross section data. Part 2 - Line and level excitation	1969
19690086144	Manufacturing procedures for a new high- strength beta titanium alloy having superior formability Final technical report, 1 Aug. 1965 - 28 Feb. 1969	1969
19690086145	Phase and amplitude measurement program on VA-126 S/N and VA-146M S/N 102 Final report	1969
19690086146	A portable two axis mount for testing sensor systems, model 100	1969
19690086147	Return current distribution for improved stabilization of pinched plasmas in curved tubes	1969
19690086148	Energy dependence of high latitude electron cutoffs	1969
19690086149	Differential thermal analysis and dynamic thermogravimetric analysis studies of RDX and HMX	1969
19690086150	Design of a variable conduction heat pipe for application the OAO battery bay	1969
19690086151	Bibliography of ion-molecule reaction rate data	1969
19690086152	Investigation of the detector characteristics of the terbium tris chelate of 2,2,6,6-tetramethylheptane-3,5-dione	1969
19690086153	Crystal diode mixers in the 4 millimeter wave region - An examination of the state of the art	1969
19690086154	Program description for digital six-degree-of- freedom renntry simulation. Guidance and control mechanics - Gemini B	1969
19690086155	The effect of altitude acclimatization upon the susceptibility of mammals to oxygen poisoning Final and annual report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690086157	Test instrumentation requirements and techniques for advanced systems Final technical report, Mar. 1968 - Mar. 1969	1969
19690086158	Apollo/Saturn 5 launch vehicle assessment report - Apollo 10	1969
19690086159	Apollo/Saturn 5 - Ground safety plan. KSC SNAP-27 - Radiological control plan	1969
19690086165	Some new concepts in oscillatory lifting surface theory	1969
19690086166	Microcircuit crystal oscillator Quarterly report, 21 Mar. - 10 Jun. 1969	1969
19690086167	Destruct test of the AGM-69A /SRAM/ propulsion subsystem Final report, Nov. 1968 - 24 Jan. 1969	1969
19690086168	T55-L-11 engine support for CH-47C aircraft US Army test programs Progress report, 1 Nov. 1968 - 31 May 1969	1969
19690086169	Laser initiated conduction of an overvolted liquid dielectric	1969
19690086170	A design study of electromagnetic interference instrumentation techniques in the 50 GHz to 75 GHz range Final report, 1 May 1965 - 19 Oct. 1966	1969
19690086171	A Bayesian approach to determining the sample size for maintainability demonstration	1969
19690086173	A review of some applications of stochastic in economic theory	1969
19690086174	Development of LP wave discrimination capability using LP strain instruments Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19690086175	Radiation inclusive semiconductor device models for circuit and system vulnerability studies Final technical report, Sep. 1968 - Apr. 1969	1969
19690086176	Multicolor electroluminescent display study Final technical report, 13 Jun. 1967 - 2 Apr. 1969	1969
19690086177	Volume reverberation studies with deep research vehicle Star 3 Research report	1969
19690086178	Burn-in screening techniques for integrated circuits Final report, 5 Apr. 1968 - 5 Apr. 1969	1969
19690086179	Photoelastic study of wave propagation in layered media Technical report, 31 May 1967 - 30 Sep. 1968	1969
19690086181	The 300C rotating rectifier alternator. Phase 2 - Design, fabrication, and test of alternator Interim technical report, 16 May 1968 - 15 Aug. 1969	1969
19690086182	Hamilton/Jacobi perturbation methods applied to the rotational motion of a rigid body in a gravitational field Six months report, 1 Nov. 1968 - 1 May 1969	1969
19690086187	J-2 program Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690086188	The ethyl acrylate/acrylic acid binder system - Cure and mechanical behavior studies	1969
19690086189	Microwave hybrid development programs Quarterly report, 13 Mar. - 12 Jun. 1969	1969
19690086190	The early detection of fatigue damage Semiannual report, 1 Mar. - 31 Aug. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086191	The SHOWIT system - An example of the use of the AED approach	1969
19690086193	Avionics used to upgrade shipboard radio communications. A comparison of various types of aircraft radio communications equipment for installation on shipboard Research report, 1 Nov. - 12 Dec. 1968	1969
19690086194	The limits retrieval functions Informal report	1969
19690086195	Thermally stable organometallic polymers	1969
19690086196	Characteristics of noise-modulated high-power microwave amplifiers Technical report	1969
19690086197	An optimally switch model of the human forearm	1969
19690086198	Vapor and liquid transmission rates of Freon 113 and water through various treated cloths Technical report	1969
19690086199	Shallow water sound transmission in the Baltic Sea and off the coast of Spain Technical report, Jun. 1967 - Jun. 1969	1969
19690086200	Qualification of fusible diode matrix for wooden round missile Final report	1969
19690086201	A 100 hour life test evaluation of the QKS622 Amplitron at millisecond pulse widths Final report, 7 Jun. 1968 - 1 May 1969	1969
19690086202	The subnivean zone and its lower delimitation in the Alps of the Grisons and the Valais	1969
19690086203	Investigation of minimum-fuel limited-thrust orbital transfer trajectories	1969
19690086204	Reciprocal ferromagnetic digital phase shifters Final technical report, 21 Dec. 1967 - 21 Dec. 1968	1969
19690086205	A study of information flow in multiple-computer and multiple-console data processing systems Annual report /final/, Jan. 1968 - Mar. 1969	1969
19690086206	Applications of cumulative damage in the preparation of parametric grain design curves and the prediction of grain failures on pressurization Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19690086207	Numerical solution of integral equations of dipole and slot antennas including active and passive loading	1969
19690086208	VHF/FM skid antenna Final technical report, 1 Jul. 1968 - 31 May 1969	1969
19690086209	Propulsion system integration and test program /steady state/. Part 6 - YTF-33 turbofan engine tests Technical report, 9 Sep. 1968 - 3 Mar. 1969	1969
19690086210	The identification of nonlinear dynamical systems from input-output data	1969
19690086212	Ballistic evaluation of high-energy LMH-2 propellants /U/	1969
19690086213	Development of Saturethane propellants /U/	1969
19690086231	Electron beam sensitometry investigations	1969
19690086232	Development of techniques and standards for use of nuclear engineering center neutron radiography facility	1969
19690086233	An experimental study of coaxial turbulent mixing of liquid and gaseous fuel with air Annual technical report, 15 Nov. 1967 - 15 Nov. 1968	1969
19690086234	Electrical arcing in insulating liquids, a bibliography	1969
19690086235	Intra-aircraft data communications systems study	1969
19690086236	Integrated circuit techniques for visible light emitting diodes radar display system Quarterly report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690086237	Topics in radio navigation. Volume 1 - Spectrum of Ioran C transmissions Technical report	1969
19690086238	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 9 Apr. - 8 Jul. 1969	1969
19690086239	Transistor, HF, silicon, power, linear /300 W PEP, 30 MAZ/ Final report, 15 May - 30 Dec. 1968	1969
19690086240	Research in purification and single crystal growth of 2-6 compounds Progress report, 1 Apr. - 30 Jun. 1969	1969
19690086241	Manufacture of large precision-cast dies for heated die forging of titanium alloys Interim engineering report, 16 Apr. - 15 Jul. 1969	1969
19690086242	A BR-90 operational system	1969
19690086243	Monoenergetic time-dependent neutron transport from an expanding shell source in the atmosphere	1969
19690086244	Evaluation of the ASW-25A installation in the RA-5C aircraft Interim report	1969
19690086245	Study of four major forging systems Interim engineering progress report, 1 Apr. - 31 Jul. 1969	1969
19690086246	United States Naval Oceanographic Office marine geophysical survey program 1965-1967, North Atlantic Ocean, Norwegian Sea, and Mediterranean Sea, area 7/4. Volume 5 - Geology and geophysics Final report	1969
19690086247	MOL rigid body fluctuating pressure test /1AL2/ Volume 2 - Sequence number B329, data item number UT-134 Final test report	1969
19690086248	The determination of glint for a complex radar target Final report, volume 2	1969
19690086249	On Tele-Warfare	1969
19690086250	Atmospheric structure, White Sands Missile Range, New Mexico. Part 3 - Upper air data small missile range site	1969
19690086251	Thermoluminescence of some irradiated polymers	1969
19690086252	An investigation of sinus arrhythmia	1969
19690086253	The simplification of Boolean functions containing arbitrary parameters	1969
19690086254	Development of a preliminary missile design computer program, fiscal year 1969 progress	1969
19690086255	Dual spinning-sphere gyro error investigation Final report	1969
19690086256	The Golets terraces	1969
19690086257	Uniquely decipherable codes as information lossless machines	1969
19690086258	Space object studies with a ground based optical system Semiannual technical summary, 15 Mar. - 15 Sep. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086259	Integrated threshold logic	1969
19690086260	Long life stable zinc electrodes for alkaline secondary batteries Final report, Dec. 1966 - Feb. 1969	1969
19690086261	Dielectric properties of various glasses as a function of frequency and temperature	1969
19690086262	Development of multipurpose capsular adhesive systems Final technical documentary report, 18 Jan. 1968 - 18 Jan. 1969	1969
19690086263	Determination of optimum operating parameters for the AEDC-PWT 4-foot transonic tunnel with variable porosity test section walls Final report	1969
19690086264	Experimental shock tube test time - Turbulent regime Final report, 13 Sep. - 3 Dec. 1968	1969
19690086266	Development of manufacturing techniques for production rain erosion resistant coated structures Interim engineering progress report, 1 Mar. - 30 Jun. 1969	1969
19690086267	Nike-Hydac STV-88 /10 July 1969/ and Nike-Hydac, ballistic round /10 July 1969/ Meteorological data report	1969
19690086269	Investigations of turbine blade vibrations on exhaust-driven turbo superchargers	1969
19690086272	Production engineering measure for type CR-/XM-57//U crystal units Quarterly report, Jan. - Mar. 1969	1969
19690086273	Radiation effects in dielectric materials Quarterly report, 16 Jan. - 15 Apr. 1969	1969
19690086274	Calibration of the AEDC 1000 ft aeroballistic range for electron density measurements in the wakes of hypervelocity bodies Final report, 23 Aug. 1968 - 6 Jan. 1969	1969
19690086275	Ultrahigh pressure arc heater studies Final report, Apr. 1967 - Feb. 1969	1969
19690086276	Integrated circuits in thin films in Czechoslovakia	1969
19690086278	SNAP 29 power supply system, volume 1 /U/ Final report, Jun. 1969	1969
19690086279	The development of a 600 deg centigrade heat pipe assembly /U/ Final technical report, 3 Jan. 1967 - 15 Sep. 1968	1969
19690086281	MTI processor for APQ-99 forward looking radar RF-4C /Hughes/ /U/ Final report, 23 Sep. - 13 Nov. 1968	1969
19690086282	Universal panoramic frame camera /U/ Final report, 3 Oct. 1968 - 16 May 1969	1969
19690086285	Comparison of various prediction models with a random selection of field observations of sound transmission in shallow water /U/	1969
19690086287	Flight test and evaluation of Mod 5.1 advanced ASW avionics systems /U/ Interim report, 20 Jul. 1968 - 28 May 1969	1969
19690086288	Report of Project Michigan. Subproject 4 - Special investigations /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1968	1969
19690086289	Terrain following controller flight test, part 2 /U/ Technical report, 12 Jun. 1967 - 12 May 1968	1969
19690086291	A summary of reports of tests performed by the Quality Evaluation Lab., Naval Weapons Station, Seal Beach, Calif., on the AGM-12C Bullpup missile for the joint Navy/Air Force evaluation program /U/	1969
19690086294	A low power calibrated laser source /U/ Final report, 1 Feb. 1967 - 1 Jun. 1968	1969
19690086295	Evaluation of the solvent fractionation of PBEP /U/ Final report, 1 Jul. 1968 - 1 Apr. 1969	1969
19690086298	Research on new concepts in energy conversion Quarterly technical progress report, 1 May 1969 - 31 Jul. 1969	1969
19690086299	Single-stage axial compressor component development for small gas turbines. Volume 3 - Supersonic compressor stage development Final report, Jan. 1967 - Dec. 1968	1969
19690086300	Single-stage axial compressor component development for small gas turbine engine Volume 2 - Rotor development Final report, May 1966 - May 1967	1969
19690086301	Explosive hazard classification tests for the AGM-69A /SRAM/ propulsion subsystem. Volume 1 - Critical diameter tests	1969
19690086302	Honest John /08502/ round no. 4445, missile no. E-593 RML Meteorological data report	1969
19690086303	Joint test and evaluation summary of Greenland, Iceland /Dye 4 - Dye 5/ troposcatter radio link Technical report	1969
19690086304	Optimization of nonaqueous fuel emulsions Final report, Oct. 1967 - Oct. 1968	1969
19690086305	Review and preliminary evaluation of lifting Horizontal-Axis Rotating-Wing Aeronautical Systems /HARWAS/ Technical report	1969
19690086306	Reentry plasma attenuation for S-band telemetry systems	1969
19690086307	Air force rocket propulsion laboratory scientific computer programs Technical report	1969
19690086308	Long-term storability of propellant tankage and components Interim technical report, Jan. 1967 - Mar. 1969	1969
19690086309	AFRPL connector tests Interim report, 1 Mar. - 1 Nov. 1967	1969
19690086310	External heat test of the AGM-69A /SKAM/ propulsion subsystem Final report, 1 Nov. - 14 Feb. 1969	1969
19690086311	Generation of inerting gases for aircraft fuel tanks by catalytic combustion techniques, volume 1 Technical documentary report, Apr. 1968 - Jun. 1969	1969
19690086312	Aerodynamic properties of a 20 mm HE-T projectile for the VRFWS	1969
19690086313	Strength and hardness of alloys WC-TaC-Co and WC-NbC-Co as functions of temperature	1969
19690086314	Explosive forming of solid propellant rocket motor end closures Interim engineering progress report, 1 Feb. - 1 May 1969	1969
19690086315	Fundamental investigations of photoemission	1969
19690086316	A study of the application of statistical aspects of an electromagnetic field to the design of antennas	1969
19690086317	Dietary intake of sodium, potassium, chlorine, and water in Italian workers exposed to high temperatures	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086318	The normal blood volume	1969
19690086319	Sleep induced in the rat by sudden change in ambient temperature applied to the study of antagonism of neurostimulants and hypnotics	1969
19690086320	Effects of supersonic flight	1969
19690086321	AN/USA-29 category 2 test report	1969
19690086322	Topography and isostasy	1969
19690086323	Evaluation of a six-component thrust stand Final report, Nov. 1968 - Jan. 1969	1969
19690086324	Type-life program on rocket motor Mark 38 Mod 0 /Sparrow 3/ /U/ Final report	1969
19690086326	Vent free fluorine feed system analysis /U/ Final technical report, 2 Dec. 1968 - 31 Jul. 1969	1969
19690086328	Advanced maneuvering propulsion technology program /U/ Quarterly progress report, 1 May - 31 Jul. 1969	1969
19690086330	Development and evaluation of a laser angular rate sensor for use in severe environmental applications, volume 3 /U/ Final report, 1 Apr. 1966 - 1 Nov. 1968	1969
19690086331	Combustion rate processes in the secondary combustion of an air-augmented solid propellant - Preliminary studies /U/ Interim report	1969
19690086332	Report on Project Michigan. Subproject 4 - Special investigations /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1968	1969
19690086333	Report on Project Michigan. Subproject 4 - Special investigations /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1968	1969
19690086336	High-altitude hypersonic aerodynamics /U/	1969
19690086337	Reusable and expendable spacecraft weights /U/	1969
19690086338	Reusable and expendable spacecraft configurations /U/	1969
19690086339	Flight test final evaluation report /SLV-5 no. C-15 serial no. 66-008/ /U/	1969
19690086342	Preproduction testing of thermal batteries, NAVAIR no. X1570525 /U/ Final report	1969
19690086343	Evaluate the Rockeye 2 weapons system /U/ Final report, Apr. 1968 - Feb. 1969	1969
19690086344	Fracture of metals during deformation processing under conditions of hot working Final report	1969
19690086346	Investigation of the mechanism of stress corrosion of aluminum alloys Final report	1969
19690086347	Factors influencing the temperature dependence of lasing threshold current density	1969
19690086348	Thermomechanical coupling phenomena in non-isothermal viscoelastic solids	1969
19690086349	A model study of reflection and scattering of acoustic energy from a rough surface Final report	1969
19690086350	Self regulation of volume of plasma	1969
19690086351	Design and evaluation of a high temperature radial turbine Quarterly technical report, 1 May - 31 Jul. 1969	1969
19690086352	Transtage catalyst evaluation Final report, Oct. - Dec. 1968	1969
19690086353	Vehicle mounted thermoelectric battery chargers Final report, 1 Jul. 1967 - 24 Apr. 1969	1969
19690086354	Development of AFRPL flanged connectors for rocket fluid systems, phases 2 and 3 Final report, Jan. 1966 - Mar. 1969	1969
19690086355	A multiple-scale research program in tropical meteorology Quarterly progress report, 19 Sep. - 31 Dec. 1968	1969
19690086356	Analytical approach to composite behavior Summary technical report, 1 Mar. 1968 - 28 Feb. 1969	1969
19690086357	Evaluation of 560-watt, thermoelectric generator	1969
19690086360	The laser microprobe and its application in geology	1969
19690086361	The Aerospace Corporation shell 405 catalyst evaluation program. Volume 1 - Physical and catalytic properties	1969
19690086362	Krypton, volume 2 Report bibliography, May 1964 - Feb. 1969	1969
19690086363	MOL-CITE hardware/software interface definition document, revision B	1969
19690086364	Technical evaluation of a modification kit for radio set AN/PRC-77 Final report	1969
19690086365	Data analysis control system Final technical report, Dec. 1967 - Jun. 1969	1969
19690086366	Review of recent developments. Titanium and titanium alloys	1969
19690086367	Electron wave interaction in solids Interim report, 1 Jun. 1968 - 31 Aug. 1968	1969
19690086368	High power cw carbon dioxide box laser	1969
19690086369	Measurement of thin films by optical ellipsometry	1969
19690086370	Energy angular distribution of photoemission from the AG-O-CS photocathode Final report, Feb. 1966 - Apr. 1968	1969
19690086371	The effect of pulsed-power welding parameters on bead and fusion zone dimensions Activity report, 1 May 1967 - 31 Aug. 1968	1969
19690086372	Internal conversion electrons from the decay of Sb124 to Te124	1969
19690086373	Study of materials on thin fabrics to control spreading and restrict strike-through of organic liquid droplets Final report, Jun. 1968 - Jun. 1969	1969
19690086374	Investigation of the structure and properties of the Ni sub 3 Al - Ni sub 3 Cb Final report	1969
19690086375	General impressions of the Ural series computers	1969
19690086376	Ruby laser with controlled quality of optical resonator	1969
19690086377	Igniter Mark 192 Mod 2 type-life program Final report	1969
19690086378	Intercomparison of operational and computer fallout-prediction systems	1969
19690086380	Frequency temperature compensation technique for quartz crystal oscillators Semiannual report, 1 Dec. 1967 - 1 Jun. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086381	Investigation of fuel cooling techniques Interim technical report, 1 Jan. - 30 Jun. 1969	1969
19690086382	Results of a 100-day gravimeter recording with use of an electronic amplifier	1969
19690086384	Proceedings of the Fly-by-Wire Flight Control System Conference Final report	1969
19690086385	Introduction to fly-by-wire	1969
19690086386	Report on a prototype fly-by-wire flight control system	1969
19690086387	Evaluation of a fly-by-wire system	1969
19690086388	B-47 fly-by-wire program phase 1 and 2	1969
19690086389	New flight controller concepts	1969
19690086390	Fly-by-wire primary flight control systems for advanced fighter aircraft?	1969
19690086391	Fly-by-wire for helicopters	1969
19690086392	Fly-by-wire flight control systems for large strategic aircraft	1969
19690086393	FBW and redundancy	1969
19690086394	Relative merits of digital and analog computation for fly-by-wire flight control	1969
19690086395	Necessary conditions for fly-by-wire application	1969
19690086396	Comments on the XV-4B flight control system	1969
19690086397	Flying qualities and fly-by-wire	1969
19690086401	Applied oceanographic techniques for use in sonar-system-performance prediction /U/ Research and development report, Oct. 1967 Jan. 1969	1969
19690086402	New burning-rate modifiers /U/	1969
19690086407	Translations on French nuclear, missile, space, and related military developments	1969
19690086409	Development of a modified MA-5 engine relay box solenoid filter circuit, ECP MA5-247 Final report	1969
19690086410	Tactical situation display group AN/USA-26/V/1, volume 1 Final report	1969
19690086411	Application, testing and evaluation of doubly curved shell elements for dynamic analysis. Part 1 - Theory, techniques, theoretical and experimental correlation Final report, 24 Apr. 1967 - 30 Oct. 1968	1969
19690086412	Application, testing and evaluation of doubly curved shell elements for dynamic analysis. Part 3 - The shell computer program - Its usage, flow, and organization Final report, 24 Apr. 1967 - 30 Oct. 1968	1969
19690086413	Application, testing and evaluation of doubly curved shell elements for dynamic analysis. Part 2 - Finite element derivations Final report, 24 Apr. 1967 - 30 Oct. 1968	1969
19690086414	Investigation of effect of fluorescent fixtures on radio receivers Final report	1969
19690086416	Preproduction test report, ESED part no. 70-0082	1969
19690086419	Determination of wear distributions Final technical report, 20 Feb. 1968 - 20 Apr. 1969	1969
19690086420	Production engineering measure on 1-watt, 2-gigahertz silicon transistor Final report, 26 Apr. 1967 - 25 Apr. 1969	1969
19690086423	Climatology no. 7, Jallen Site, White Sands Missile Range Meteorological data report	1969
19690086424	Dual cavity molecular beam experiment Technical report, Jul. 1967 - Sep. 1968	1969
19690086425	Mechanical properties of epoxy composites reinforced with experimental graphite fabrics Technical report, Aug. 1967 - Apr. 1969	1969
19690086426	Launch vehicle trajectory optimization computer program /phase 4/	1969
19690086428	A study to assess the nature and magnitude of economic benefits of advances in meteorology Quarterly status report	1969
19690086429	Investigation and improvement in the moderate depth lunar drill Final report, Jul. 1968 - Feb. 1969	1969
19690086430	Study of rotor blade-vortex interaction Semiannual status report	1969
19690086431	Tactical voice security analysis Annual report, 1 Jan. 1968 - 1 Jan. 1969	1969
19690086432	Comparative testing of voice digitizers/modems	1969
19690086434	On the figure and gravity field of the earth, part 3	1969
19690086435	Fabrication, instrumentation, flight test and evaluation of an F-4 beryllium rudder Final report, Apr. 1967 - Aug. 1969	1969
19690086436	Visual detection and the spatial characteristics of targets at low luminance Final report, 6 Dec. 1966 - 5 Dec. 1967	1969
19690086437	Accelerated test technology/test program Final technical report, Feb. 1968 - Apr. 1969	1969
19690086438	Quality assurance plan for CRDL item no. R015 - Data item no. UR-418	1969
19690086439	Contract end item design performance/verification. Test procedures for MOL computer integrated test equipment for mission payload system segment MOL-CITE-MPSS CDRL item no. T-050, data item no. UT-451	1969
19690086440	Production engineering measures for hybrid integrated circuit solid state front end Quarterly progress report, 29 Dec. 1968 - 29 Mar. 1969	1969
19690086441	Orthographic plotting techniques. Volume 1 - graphics Final technical report, 20 Sep. 1968 - 31 Mar. 1969	1969
19690086442	Orthographic plotting techniques. Volume 2 - Information retrieval Final technical report, 20 Sep. 1968 - 31 Mar. 1969	1969
19690086443	Angular scintillation of VHF radars in an auroral environment Final report, 10 Apr. 1967 - 10 Apr. 1969	1969
19690086444	Ceramic awareness bulletin	1969
19690086445	Predictor displays for low-altitude high- speed flight Final report, Jan. 1966 - Apr. 1968	1969
19690086448	Flight report for Delta vehicle S/N20225 - Delta program mission no. 69. Spacecraft - IMP-G	1969
19690086449	Study of a dynamical model for the ice crystal lattice	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690086450	Experimental investigations of moving striations	1969
19690086452	Nuclear gamma rays in F 19 following stopping pions	1969
19690086453	A study of plate-slap technology. Part 1 - A critical evaluation of plate-slap technology Final technical report, 15 Apr. 1968 - 15 Apr. 1969	1969
19690086454	The evaluation of materials for aerospace systems Summary report, 1 Jan. 1968 - 31 Mar. 1969	1969
19690086455	A unique polishing technique particularly suited to metal matrix composites Technical report, Jan. 1966 - Aug. 1968	1969
19690086456	Fuels research for supersonic combustion Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
19690086457	Evaluation study of a high speed liquid centrifuge Final report, 25 May 1967 - 31 Dec. 1968	1969
19690086458	Incremental forging. Part 1 - The plastic indentation of aluminum with circular punches Technical report, 17 Nov. 1968 - 15 Feb. 1969	1969
19690086459	A study of plate-slap technology. Part 3 - The mechanical response of composite materials to stress-pulse loading Final report, 15 Apr. 1968 - 15 May 1969	1969
19690086460	Development of precipitation hardened dispersion strengthened nickel-chromium alloys Summary report, 1 Apr. 1968 - 31 Mar. 1969	1969
19690086461	A study of plate-slap technology. Part 2 - The nuances of plate-slap testing of composite materials Final report, 15 Apr. 1968 - 15 May 1969	1969
19690086462	Surface studies of photoemissive materials Quarterly progress report, 22 Feb. - 21 May 1969	1969
19690086463	CSM 107 /mission G/ Final mission evaluation test report	1969
19690086464	Studies of the decomposition of materials caused by laser radiation	1969
19690086465	Preflight predictions and postflight evaluations of sounding-rocket performance	1969
19690086466	The importance of circadian leaf movements for the precision of day-length measurement	1969
19690086467	Compositional analysis of lunar and planetary surfaces using neutron capture gamma rays, 16 April 1969 - 30 June 1969	1969
19690086468	Autonomous circadian rhythm in man, as influenced by various conditions of illumination	1969
19690086470	Evaluation of liner formulations for polybutadiene propellants used in small rocket applications	1969
19690086473	Flow forming of TI-6Al-4V titanium alloy sheet	1969
19690086474	Out-of-position fusion welding of 2219 aluminum alloy plate	1969
19690086475	Cutaneous thermography by liquid crystals of cholesterol ethers	1969
19690086476	Relationship between the respiratory activity and the biosynthesis of fatty acids in mitochondria isolated from the inflorescence of cauliflower	1969
19690086477	Spectrochemical analysis using a rapid sequence of laser pulses	1969
19690086479	Stability of free rotation of a rigid body	1969
19690086480	Behavior of a tetanized muscle during a forced exercise	1969
19690086481	The field dependence of the complex dielectric constant of barium titanate at 58.2 GHz	1969
19690086482	Hard materials and hard metals containing NbC and HfC	1969
19690086483	Production of forced beryllium conical structural shapes Final technical report, 15 May 1964 - 12 Feb. 1969	1969
19690086484	Despin of IMP-1 due to aerodynamic drag	1969
19690086571	Flow of single and two phase fluids in lines Semiannual status report	1969
19690087294	Study of dynamic and static seals for liquid rocket engines Monthly progress report, 30 Sep. - 3 Nov. 1968	1969
19690087394	Investigation of advanced thrust chamber designs Monthly progress report, 6 Dec. 1968 - 6 Jan. 1969	1969
19690087400	To instrument a rocket borne high resolution UV spectrometer Quarterly progress reports, 1 Jan. - 30 Sep. 1968	1969
19690087558	Studies of interface damping Quarterly report, 14 Sep. - 14 Dec. 1968	1969
19690087559	Multidisciplinary research in management and administration with emphasis on large scale R and D public programs Semiannual progress report, period ending 31 Dec. 1968	1969
19690087614	Immunoneurological studies on the brain	1969
19690087618	A theoretical and experimental study of the ionosphere using radio signals from earth satellites Progress report, 1 Jul. - 31 Dec. 1968	1969
19690087623	Generalization of normal and EPr matrices with possible applications	1969
19690087638	Structural and spectral studies of sunspots Quarterly status report, 1 Sep. - 1 Dec. 1968	1969
19690087640	Laboratory for atmospheric and space physics Semiannual status report, 15 Feb. - 14 Aug. 1968	1969
19690087647	Experimental research on X and gamma- radiation at high altitudes, including design and use of balloon-borne instrumentation Progress report, 1 Apr. - 1 Oct. 1968	1969
19690087659	Experimental investigations on low-energy collisions Quarterly progress report, 16 Sep. - 15 Dec. 1968	1969
19690087670	The development and application of mass spectrometers to studies of the earth's upper atmosphere and planetary atmospheres Status report, 1 Jul. - 31 Dec. 1968	1969
19690087830	Qualification of dc torquer	1969
19690087914	Composition analysis of lunar and planetary surfaces using neutron capture gamma rays Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690087945	Study of high temperature heat transfer Progress report, 1 Jan. - 31 Dec. 1968	1969
19690088093	Distance and rate judgments in simulated space Progress report, 1 Sep. 1967 - 30 Nov. 1968	1969
19690088287	Operation of Nimbus CDA computer systems Monthly progress report, Jun. 1964	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690088404	Integration and testing of the Nimbus meteorological satellite	1969
19690088576	Cosmic-ray investigations utilizing an emulsion chamber-calorimeter combination Semiannual status report, 1 Jul. - 31 Dec. 1968	1969
19690088579	Investigations into the mechanism and rates of atmospheric mixing in the lower thermosphere Semiannual status report for the period ending 15 Mar. 1969	1969
19690088580	Infrared filter wedge spectrometer instrument for Nimbus D satellite Quarterly report, 1 Oct. 1968 - 1 Jan. 1969	1969
19690088589	Independent tracking coordination program Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690088629	Intermediate energy nuclear physics utilizing the NASA space radiation effects laboratory Progress report, Apr. - Dec. 1968	1969
19690088645	Shock effects in minerals Semiannual report, 1 Jun. 1968 - 1 Feb. 1969	1969
19690088651	The automatic microscope, the flying spot scanner, and the computer system Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690088653	Measurement techniques for the directional spectral intensity of low energy protons, including the construction of a prototype in instrument Semiannual report, 1 Jul. - 31 Dec. 1968	1969
19690088654	Feasibility study of a small satellite to investigate the interplanetary medium, the magnetosphere, and the transition region between the magnetosphere and the interplanetary medium Final report	1969
19690088655	Measurements of transition probabilities for selected elements in the lanthanide group Progress report, 1 Jan. - 28 Feb. 1969	1969
19690088656	Investigation of near-critical vortex flows Quarterly status report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690088662	Analysis of large deformation of shells Progress report, 1 Sep. 1968 - 31 Jan. 1969	1969
19690088668	Program of X-ray astronomy from sounding rockets Technical quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690088678	An experimental investigation of wind tunnel test limits for V/STOL type vehicles in wind tunnels with curved walls Progress report, 1 Apr. - 31 Dec. 1968	1969
19690088703	Nonlinear response of elastic shells Status report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690088704	The automatic microscope, the flying spot scanner, and the PDP-7 system Quarterly progress report, 1 Jul. - 30 Sep. 1968	1969
19690088714	Technical support systems for manned space astronomy Nine month status report	1969
19690088715	Create and establish a National Academy of Public Administration Quarterly report, period ending 31 Jan. 1969	1969
19690088716	Research in coronal and chromospheric physics Quarterly progress report, 1 Oct. 1968 - 31 Jan. 1969	1969
19690088717	NASA general purpose structural analysis program /NASTRAN/ Quarterly report, 1 Oct. 1968 - 1 Jan. 1969	1969
19690088739	Theoretical and experimental studies in ultraviolet solar physics Semiannual status report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690088904	Solar conversion power supply subsystem for Nimbus satellite Monthly progress letter no. 59 for Jan. 1966	1969
19690088907	Advanced Vidicon Camera Subsystem /AVCS/ for the Nimbus meteorological satellite Monthly progress letter no. 51 for Mar. 1965	1969
19690089164	Analysis of IMP-C data from the magnetospheric tail Quarterly status report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690089284	Apollo guidance, navigation and control Guidance system operations plan for manned LM earth orbital missions using Program SUNDANCE, revision 306. Section 4 - PGNCs operational modes, revision 3	1969
19690089336	Techniques for ruling improved large diffraction gratings Semi-annual report, 1 Sep. 1968 - 1 Mar. 1969	1969
19690089339	Development and implementation for technology planning system for OART Progress report, 1 Nov. 1968 - 15 Jan. 1969	1969
19690089363	Special studies of meteorological measurement techniques up to 100 kilometers Semiannual report, 1 Jul. - 31 Dec., 1968	1969
19690089387	An investigation of nonlinear interaction phenomena in the ionosphere Semiannual progress report, 1 Jun. - 1 Dec. 1968	1969
19690089402	The investigation of flame spreading over the surface of igniting solid propellants Quarterly letter report no. ME-RS 69002, 16 Oct. 1968 - 15 Jan. 1969	1969
19690089416	Apollo guidance, navigation and control. Guidance system operations plan for manned LM earth orbital and lunar missions using Program LUMINARY 1, revision 069. Section 4 - PGNCs operational modes, revision 1	1969
19690089456	Current sensitive relays-qualification tests	1969
19690089507	Vacco 2-inch manual valve P/N M-6P-F408-2G	1969
19690089547	Space Engine Design Handbook	1969
19690089561	The mechanics of fracture in viscoelastic media Progress report, period ending 28 Feb. 1969	1969
19690089630	Analysis of coronal line profiles, December 16 - March 15, 1969	1969
19690089631	The structure and circulation of the lower Martian troposphere Semiannual status report, 1 Jul. 1968 - Feb. 1969	1969
19690089635	Research in electrohydrodynamics and traveling-wave electromechanical energy conversion Semiannual report, 1 Aug. 1968 - 31 Jan. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089638	System analysis of gelled space-storable propellants Quarterly progress report, 4 Nov. 1968 - 3 Feb. 1969	1969
19690089639	Experimental studies of fluids in the vicinity of the critical point Status report, 1 May 1968 - 1 Jan. 1969	1969
19690089643	Contract quarterly performance report Quarterly report, 28 Nov. 1968 - 26 Feb. 1969	1969
19690089646	To instrument a rocketborne high resolution UV spectrometer Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19690089667	Development of Nimbus D operational computer programs Quarterly report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690089668	Project Apollo Quarterly progress report, 1 Oct. 1968 - 1 Jan. 1969	1969
19690089670	Photochromic Materials Research for Optical Display Progress Report, 1 Nov. 1968 - 31 Jan. 1969	1969
19690089723	An initial review of the ATS-I solar cell experiment Progress report	1969
19690089724	An investigation in irreversible macroscopic phenomena Progress report	1969
19690089737	Nonlinear aspects of combustion instability in liquid propellant rocket motors Final report	1969
19690089765	A light ion mass spectrometer experiment for OGO-E Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690089790	Monitor YP-3C and P-3C /cockpit lighting review/ Interim report	1969
19690089796	Basic research in solar physics Progress report, 1 Sep. 1967 - 28 Feb. 1969	1969
19690089800	Properties of multilayer filters Interim report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690089806	Experimental study of sound and vibration transmission to a shroud-enclosed spacecraft Quarterly progress report, 20 Oct. 1968 - 20 Jan. 1969	1969
19690089808	An experimental study of the cryoentrainment pump Progress report	1969
19690089809	Orbital flight effects on calcium kinetics and fracture healing repair Progress report	1969
19690089810	Laboratory measurements of photodetachment cross sections of negative ions Final report, 26 Apr. 1967 - 25 Apr. 1968	1969
19690089811	Nimbus-D solar-conversion power supply subsystem Quarterly technical report, 15 Sep. - 15 Dec. 1968	1969
19690089815	Investigation of thermodynamic mechanisms for the production of complex compounds essential for the origin of life Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690089817	Space systems analysis and computer programming services Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690089818	Phase 2 Heus Motor Monthly Letter Status Report, 23 Jan. - 22 Feb. 1969	1969
19690089821	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 23 Nov. - 27 Dec. 1968	1969
19690089822	Investigation of the formation and behavior of clogging material in earth and space storable propellants Monthly progress report, 9 Feb. - 9 Mar. 1969	1969
19690089823	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Technical report, 1-31 Dec. 1968	1969
19690089824	Space storable regenerative cooling investigation Monthly progress report, Dec. 1968	1969
19690089825	Analytical study of catalytic reactors for hydrazine decomposition Quarterly progress report, 15 Oct. 1968 - 15 Jan. 1969	1969
19690089826	Of 2/diborane technology vacuum ignition - Phase 2 Progress report, 15 Feb. - 14 Mar. 1969	1969
19690089827	Of 2/diborane technology vacuum ignition - Phase 2 Progress report, 15 Jan. - 14 Feb. 1969	1969
19690089828	Space storable oxidizer valve Monthly report, 1 Dec. 1968 - 1 Jan. 1969	1969
19690089829	Advanced injectors for space storable propellants Informal monthly progress report, 1 Jan. - 1 Feb. 1969	1969
19690089830	Protective coatings for refractory metals in rocket engines Monthly letter report, 13 Nov. - 13 Dec. 1968	1969
19690089831	Analysis of folding strains on composite bladder structures Monthly progress report	1969
19690089833	Research Program to Extend Cascade Data to Liquids and Higher Inlet Angles Monthly Progress Report, 30 Nov. - 31 Dec. 1968	1969
19690089834	Hybrid pressurization system Quarterly progress report, Oct. - Dec. 1968	1969
19690089836	Generator development, SPUR program. Part 2 - Generator stator bore-seal	1969
19690089839	Spin-Tunnel Investigation of a 1/30-Scale Model of the Fighter and Reconnaissance Versions of the McDonnell F-4B Airplane	1969
19690089840	The development of methods for early identification of heart disease and related job stresses Progress report, 1 Jul. 1968 - 28 Feb. 1969	1969
19690089851	Flox-diborane technology Informal quarterly status letter, 16 Sep. - 15 Dec. 1968	1969
19690089864	Project NERO - Nimbus Earth Resources Observations	1969
19690089873	Contract for development of a rocket-borne cryogenic air sampler and its application to atmosphere aerosol and trace gas research Quarterly status report	1969
19690089898	F-4 aircraft CSD independent oil system, development of Quarterly interim report, 1 Oct. - 31 Dec. 1968	1969
19690089899	Engineering evaluation of wet input splines for Sundstrand 30 KVA constant speed drive in the F-4j airplane with J79-GE-10 engines Interim report	1969
19690089903	Accelerated service test of a J57-P-20A engine with hot section modifications Interim report	1969
19690089905	Evaluation of rain repellent installation in A-3 aircraft Final report, 11 May 1967 - 18 Dec. 1968	1969
19690089911	Cost of ownership philosophy applied to inertial navigation systems	1969
19690089913	Department of the Army letter on management practices	1969
19690089930	Compilation of papers presented at the Space Station Technology Symposium	1969
19690089937	Orbital flight effects on calcium kinetics and fracture healing repair	1969
19690089939	Nonlinear optical materials	1969
19690089940	Thermally resistant polymers for fuel tank sealants Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690089945	Photothermoviscoelasticity Progress report, period ending 1 Feb. 1969	1969
19690089946	Cosmic ray investigations of elementary particle phenomena at very high energies Status report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690089947	Monthly progress report for the period 1 March - 1 April 1969	1969
19690089950	Subcellular localization of pituitary enzymes Progress report, 1 Apr. 1968 - 28 Feb. 1969	1969
19690089951	Stress corrosion cracking of titanium alloys Semiannual report, 1 Jul. - 31 Dec. 1968	1969
19690089960	Spin-tunnel investigation of a 1/30-scale model of the Ling-Temco-Vought A-7A airplane	1969
19690089961	Electron temperatures, densities, and diffusion velocities Semiannual report	1969
19690089964	Study and evaluation of the constant-momentum mass spectrometer for ion analysis in the D and E regions of the ionosphere Six- monthly report, 1 Jun. - 30 Nov. 1968	1969
19690089968	Compositional analysis of lunar and planetary surfaces using neutron capture gamma rays	1969
19690089970	[Study of the Solar Ionizing Radiation]	1969
19690089987	Refined methods of aeroelastic analysis and optimization Semiannual progress report	1969
19690090006	Heats of formation of light element compounds Progress report, 1 Sep. - 31 Dec. 1968	1969
19690090035	Chamber technology for space storable propellants /U/ Monthly progress report, period ending 26 Jan. 1969	1969
19690090084	Cryogenic research and development progress report, period ending 31 Mar. 1969	1969
19690090085	Quarterly status report	1969
19690090086	Data link receiver digital discriminator instruction manual	1969
19690090087	Performance analysis system for S sup 3 and SAS Quarterly report, 10 Jan. - 10 Apr. 1969	1969
19690090088	Reflectometer experiment, revised Monthly report	1969
19690090089	Postdoctoral and senior postdoctoral resident research associateship program Status report, 1 Dec. 1968	1969
19690090090	A program to investigate, characterize, and describe meteorites in the collection of Arizona State University Semiannual status report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690090097	Design, development, and fabrication of a biochemical field instrument Quarterly report, 6 Nov. 1968 - 6 Feb. 1969	1969
19690090120	Development of model 19.012 series fed stub VHF telemetry antennas for the third stage of the Radio Astronomy Explorer-A/Delta	1969
19690090179	Test and evaluation of aircrew escape systems /Model TA-4F airplane, ESCAPAC 1C-3 escape system, color of/ Final report, 15 Jun. - 30 Dec. 1968	1969
19690090181	Monthly progress report, 1 April - 1 May 1969	1969
19690090182	Analysis of IMP-C data from the magnetospheric tail Quarterly status report, 1 Feb. - 30 Apr. 1969	1969
19690090183	Cardiovascular system study with computer modeling Semiannual progress report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690090186	Sterilization compatibility of growth media for extraterrestrial use	1969
19690090188	Quarterly progress report for the period ending 31 March 1969	1969
19690090189	Studies in integrated mission analysis Final report	1969
19690090192	Quarterly progress report, January - March 1969	1969
19690090193	Progress at Jicamarca Radar Observatory Informal letter report, 1 Oct. - 31 Dec. 1968	1969
19690090204	Research, engineering studies and analysis on suppression of acoustic noise from jet propulsion engines by means of model tests Quarterly report, 2 Apr. 1969	1969
19690090206	Control system design using optimization techniques Progress report, Feb. 1969	1969
19690090207	Laboratory studies of plasma probes Semiannual status report, 1 Nov. 1968 - 1 May 1969	1969
19690090208	Physicochemical food system studies Quarterly report, period ending 25 Mar. 1969	1969
19690090211	Saturn 5 launch vehicle flight dynamics analysis, AS-504	1969
19690090213	Saturn 5 AS-504 launch vehicle operational abort and alternate mission trajectories	1969
19690090234	Development of a protective coating system for regeneratively cooled thrust chambers Monthly progress report, 1 Jan. - 15 Mar. 1969	1969
19690090235	Space storable engine characterization Monthly progress report, Dec. 1968	1969
19690090236	Properties of cryogenically worked materials Monthly progress report, 25 Nov. - 31 Dec. 1968	1969
19690090237	Basic engineering studies of techniques for acceleration of a particle to hypervelocity by and electrically heated propellant plasma Status report, 1 Sep. 1968 - 1 Mar. 1969	1969
19690090238	Thermal and oxidative degradation of aromatic and heterocyclic polymers Progress report, 1 Aug. 1968 - 1 Feb. 1969	1969
19690090240	Investigation of advanced thrust chamber designs Monthly progress report, 6 Jan. - 6 Feb. 1969	1969
19690090246	Yearly progress report	1969
19690090249	Study of structural behavior of thin films Bimonthly letter report no. 3, 1 Jan. - 28 Feb. 1969	1969
19690090250	Study of structural behavior of thin films Bimonthly letter report no. 2, 1 Nov. - 31 Dec. 1968	1969
19690090251	Study of highly fluorinated heterocyclic polymers for cryogenic bladder application Quarterly letter report no. 1, 15 Oct. - 31 Dec. 1968	1969
19690090252	A Correlation of Optical, Radio, and Interplanetary Records of Solar Events	1969
19690090253	Research in photochemistry and enzymology of photosynthesis Quarterly status report, 5 Dec. 1968 - 5 Mar. 1969	1969
19690090254	Analytical study of non-continuum flow processes in nozzles Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090255	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids Monthly progress letter report	1969
19690090256	Pyrolyzer-hydrogen flame ionization detector organic analyzer study Monthly progress report, 1-31 Jan. 1969	1969
19690090257	Statistical prediction of turbulence penetration performance based on aircraft characteristics and control philosophy Bimonthly progress report, 1 Nov. - 31 Dec. 1968	1969
19690090276	Combustion process of hypergolic propellants Progress report, Jan. 1969	1969
19690090339	Investigation of advanced thrust chamber designs Monthly progress report, 6 Feb. - 6 Mar. 1969	1969
19690090340	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 2 Feb. - 1 Mar. 1969	1969
19690090341	Coatings for advanced thrust chambers Monthly report	1969
19690090342	Protective coating system for regeneratively cooled thrust chamber Monthly progress report	1969
19690090343	Hybrid pressurization system Monthly progress report, period ending Feb. 1969	1969
19690090344	System analysis of gelled space-storable propellants Monthly progress report, 4 Dec. 1968 - 3 Jan. 1969	1969
19690090345	Cryogenic positive expulsion diaphragm Monthly progress report, 1-31 Jan. 1969	1969
19690090348	Chamber technology for space storable propellants /U/ Monthly progress report, 26 Feb. 1969	1969
19690090377	Spacecraft rocket engine chamber insulation materials Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19690090378	Cryogenic filament-wound tank evaluation Monthly progress report, 25 Jan. - 22 Feb. 1969	1969
19690090379	Effect of baffles on combustion instability Monthly progress report, Feb. 1969	1969
19690090382	Cryogenic gas storage system Monthly progress report, Mar. 1969	1969
19690090383	Hydrogen safety Annual report, 1 Jan. - 31 Dec. 1968	1969
19690090384	Evaluation of advanced hybrid and tripropellant upperstages Monthly progress report, 29 Jan. - 1 Mar. 1969	1969
19690090385	Study of advanced bladder technology Quarterly progress report, 28 Sep. - 26 Dec. 1968	1969
19690090387	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Dec. 1968 - 19 Jan. 1969	1969
19690090389	FLOX-diborane technology Informal monthly progress report, 16 Feb. - 15 Mar. 1969	1969
19690090390	Degradation mechanism, hydrocarbon polymer Monthly status report, period ending 15 Mar. 1969	1969
19690090391	Research investigation of the decomposition of composite solid propellants Monthly status report, 6 Jan. - 5 Feb. 1969	1969
19690090392	Study of advanced bladder technology Monthly progress report, 28 Dec. 1968 - 24 Jan. 1969	1969
19690090394	Development of beryllium honeycomb sandwich composite for structural and other related applications Quarterly progress report, 1 Nov. 1968 - 30 Jan. 1969	1969
19690090395	Composite overwrapped metallic tanks Monthly progress report, 26 Jan. - 25 Feb. 1969	1969
19690090410	An investigation in irreversible macroscopic phenomena Quarterly report	1969
19690090411	NASA general purpose structural analysis program Quarterly report, 1 Jan. - 1 Apr. 1969	1969
19690090412	Instruction manual for the 224 portable receiver model SLI	1969
19690090413	Nimbus D temperature-humidity infrared radiometer Quarterly report, 1 Oct. 1968- 31 Mar. 1969	1969
19690090414	Studies of interface damping Quarterly report, 14 Dec. 1968 - 14 Mar. 1969	1969
19690090415	Development of Nimbus D operational computer programs Quarterly report, 1 Feb. - 30 Apr. 1969	1969
19690090421	Minimum pressure loss in high velocity flow duct systems Monthly progress report	1969
19690090424	Design and management of biomedical applications systems for NASA Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19690090425	Status report	1969
19690090431	Cryogenic alloy screening Monthly progress report, 28 Nov. - 27 Dec. 1968	1969
19690090432	Quarterly report, 1 Feb. - 30 Apr. 1969	1969
19690090440	Research leading to the development of an atomic hydrogen maser for space vehicle application Monthly progress reports for the period 1 Oct. - 31 Dec. 1968	1969
19690090441	Monthly progress report, for the period 1-30 Nov. 1968	1969
19690090442	Composite overwrapped metallic tanks Monthly progress report, 26 Dec. 1968 - 25 Jan. 1969	1969
19690090443	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 1-28 Dec. 1968	1969
19690090445	Investigation of building structure response to sonic booms Semiannual report, 1 Jan. - 30 Jun. 1968	1969
19690090446	Preliminary history of NASA during the administration of President Lyndon B. Johnson, volume 2 Supplement for the period, 7 Oct. 1968 - 20 Jan. 1969	1969
19690090448	Automated stellar proper motion measuring machine Monthly progress report	1969
19690090450	Space storable engine characterization Monthly progress report, 1-31 Dec. 1968	1969
19690090452	Propulsion system thermal design study Monthly progress report, 10 Nov. 1968 - 1 Jan. 1969	1969
19690090453	Techniques for fabricating rocket engine components containing intricate flow channels Monthly progress report for Dec. 1968	1969
19690090454	Thermodynamic improvements in liquid hydrogen turbopumps Quarterly progress report for period ending 16 Feb. 1969	1969
19690090456	Infrared Interferometer Spectrometer /IRIS/ instrument for Nimbus D spacecraft Quarterly report, 15 Dec. 1968 - 15 Mar. 1969	1969
19690090460	An investigation of diffraction by planetary atmospheres Semiannual status report, 1 Oct. 1968 - 31 Mar. 1969	1969
19690090472	Investigation of building structure response to sonic booms Semiannual report, 1 Jul. - 31 Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090473	Development of a laser nephelometer Quarterly report, 2 Dec. 1968 - 2 Apr. 1969	1969
19690090474	Cesium iodide beamsplitter Quarterly report, 26 Dec. 1968 - 26 Mar. 1969	1969
19690090480	Spectroscopic observations of the planets Quarterly status report, 23 Feb. - 31 Mar. 1969	1969
19690090493	SPAMS procedures and techniques study Quarterly report, 1 Dec. 1968 - 1 Apr. 1969	1969
19690090499	Balloon project Annual progress report, Mar. 1968 -Apr. 1969	1969
19690090503	Meteorological measurement from satellite platforms Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690090509	Development of a protective coating system for regeneratively cooled thrust chambers Monthly progress report, 1-31 Dec. 1968	1969
19690090522	Engineering evaluation of the Bendix 30B58-5A dc generator in the T-1A airplane Interim report, Jun. 1968 - Mar. 1969	1969
19690090554	Liquid hydrogen mixer unit for NASA Lewis Research Center, Cleveland, Ohio 44135 Monthly progress report, 1-31 Dec. 1968	1969
19690090555	Coatings for advanced thrust chambers Monthly report	1969
19690090558	Fluorine lubricated bearing technology Monthly report for Dec. 1968	1969
19690090560	Effect of baffles on combustion instability Monthly progress report for Dec. 1968	1969
19690090562	Infrared filter wedge spectrometer instrument for Nimbus "D" satellite Quarterly report, 1 Jan. - 1 Apr. 1969	1969
19690090563	OSO-F tape recorder/reproducer program Final report, 30 Jun. 1966 - 27 Jan. 1969	1969
19690090564	Investigation of gas augmented injectors Monthly progress report for Dec. 1968	1969
19690090565	Preliminary history of the National Aeronautics and Space Administration during the administration of President Lyndon B. Johnson November 1963-January 1969, final edition	1969
19690090566	Progress report for the period 1 November 1968 through 30 April 1969	1969
19690090567	Synthesis of porphine-like substances from simple precursors Status report, 1 Dec. 1968 - 31 May 1969	1969
19690090568	Design and management of biomedical applications systems for NASA Final report, 1 Jun. 1968 - 31 May 1969	1969
19690090570	Semiannual report for the period 1 September 1968 through 29 February 1969	1969
19690090576	Comparator, differential high speed	1969
19690090581	Test procedure for IC 960	1969
19690090586	Test procedure, non-wirewound variable resistor	1969
19690090587	Test procedure for IC 948	1969
19690090588	Test procedure for IC 948	1969
19690090600	Flow meter and prototype mercury feed system development	1969
19690090636	Test procedure for IC 948	1969
19690090637	Test procedure 104 p-i-n connector	1969
19690090654	Test and evaluation of Hunt Aerofix fixer and replenisher Final technical report	1969
19690090751	Dielectric properties of battery electrolytes Quarterly report, 8 Oct. 1968 - 8 Jan. 1969	1969
19690090755	Evaluation of Struthers-Dunn relays, part number FCM-41057	1969
19690090763	Energy storage capacitor	1969
19690090764	Quarterly report	1969
19690090765	A study of selected radiation and propagation problems related to antennas and probes in magneto-ionic media Semiannual progress report, 1 Oct. - 1 Apr. 1969	1969
19690090766	A study of surface effects in gauges for ultrahigh vacuum pressure measurement Progress report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690090784	Test procedure panel, patching, program	1969
19690090846	Application of optimal control theory to the design of an autopilot for reduction of acceleration inputs to an aircraft in turbulent air Progress report, 1 Feb. - 31 May 1969	1969
19690090847	A numerical study of the vortex rate sensor Semiannual progress report	1969
19690090848	Space storable oxidizer valve Monthly report, 1-31 Mar. 1969	1969
19690090849	Monthly progress report, 1-28 February 1969	1969
19690090850	Development and experimental investigation of bellows concepts for cryogenic seal application Monthly report, 1-28 Feb. 1969	1969
19690090851	Monthly progress report, 1-31 January 1969	1969
19690090852	Space storable regenerative cooling investigation Monthly progress report for Apr. 1969	1969
19690090853	Space storable regenerative cooling investigation Monthly progress report, 1-31 Jan. 1969	1969
19690090854	Ballistic limit of unbacked and water backed plates loaded by debris cloud Monthly progress report, 1-31 Dec. 1968	1969
19690090855	Fundamentals of the oxidation protection of columbium and tantalum Semiannual report, 1 Oct. 1968 - 1 Apr. 1969	1969
19690090860	Investigation of gas-augmented injectors Monthly progress report, Apr. 1969	1969
19690090861	Surface properties of thermionic electrodes Quarterly progress reports, 1 Nov. 1968 - 30 Apr. 1969	1969
19690090862	Processing application and evaluation of sealants for fuel tanks in advanced space structures Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690090870	Studies of elasto-plastic flow in cracked plates	1969
19690090872	Properties of cryogenically worked materials Monthly progress report, 24 Feb. - 30 Mar. 1969	1969
19690090873	Liquid hydrogen mixer unit for NASA Lewis Research Center	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690090876	Project Versatile Information Processor /VIP/ Quarterly report, 1 Nov. 1968 - 1 Feb. 1969	1969
19690090888	Remote control telescope Final report	1969
19690090890	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 22 Feb. - 28 Mar. 1969	1969
19690090891	Project Versatile Information Processor /VIP/ Quarterly report, 1 Feb. - 1 May 1969	1969
19690090895	Space storable regenerative cooling investigation Monthly progress report for period ending 31 Mar. 1969	1969
19690090896	Space storable regenerative cooling investigation Monthly progress report, 1-31 Mar. 1969	1969
19690090898	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Monthly report, 1-28 Feb. 1969	1969
19690090899	Properties of powdered titanium alloys Monthly progress report, 3 Feb. - 2 Mar. 1969	1969
19690090901	Investigation of methods for transpiration cooling liquid rocket chambers Monthly status report	1969
19690090902	Thermally resistant polymers for fuel tank sealants Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690090903	Investigation of gas-augmented injectors Monthly progress report for Mar. 1969	1969
19690090904	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 29 Mar. - 25 Apr. 1969	1969
19690090906	Development and experimental investigation of bellows concepts for cryogenic seal application Monthly report, 1-31 Mar. 1969	1969
19690090919	Administrative and financial information, part 1 of 8 parts Semiannual progress report	1969
19690090941	Chamber technology for space storable propellants /U/ Quarterly report, period ending 26 Dec. 1968	1969
19690090973	Evaluation of Sundstrand 30 kVA constant speed drive redesigned /self-aligning/ input spline shafts Interim report, 1 Jan. - 31 Mar. 1969	1969
19690090978	Nonlinear filtering studies in orbit determination Final report	1969
19690090995	ATS-F and G large aperture antenna fabrication of 30 foot diameter model launch and orbital survey test, phase 2. Volume 1 - Summary	1969
19690090996	ATS-F and G large aperture antenna fabrication of 30 foot diameter model launch and orbital survey test, phase 2. Volume 2 - Dynamic, stress, deflection, RF and weights analyses	1969
19690090997	ATS-F and G large aperture antenna fabrication of 30 foot diameter model launch and orbital survey test, phase 2. Volume 3 - Thermodynamic analysis	1969
19690090998	ATS-F and G large aperture antenna fabrication of 30 foot diameter model launch and orbital survey test, phase 2. Volume 4 - Test program	1969
19690090999	ATS-F and G large aperture antenna fabrication of 30 foot diameter model launch and orbital survey test, phase 2. Volume 5 - Parts 1, 2, and 3	1969
19690091004	Advanced pyrolytic spacecraft thrust chamber materials Quarterly progress report, 23 Oct. 1968 - 22 Jan. 1969	1969
19690091005	Protective coatings for refractory metals in rocket engines Quarterly report, 13 Oct. 1968 - 13 Jan. 1969	1969
19690091007	Electroformed injector fabrication techniques Quarterly progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690091009	Semiannual report, 1 December 1968 - 31 May 1969	1969
19690091010	Technical support systems for manned space astronomy Monthly status report	1969
19690091012	Rocket spectrometer Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19690091013	Elementary gas reactions	1969
19690091036	Report of work under NASA transfer of funds to the Economic Research Service, USDA	1969
19690091079	Analysis of data processing systems Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19690091082	Man-machine performance measurement Letter progress report, 1 Mar. 1968 - 31 May 1969	1969
19690091085	Advanced engine aerospike experimental investigation performance program Monthly status report for Dec. 1968	1969
19690091111	Study of abundance analysis of stars in the spectral range B5 through G2 Semiannual progress report, 1 Dec. 1968 - 31 May 1969	1969
19690091137	NASA general purpose structural analysis program /NASTRAN/ Quarterly report, 1 Apr. - 1 Jul. 1969	1969
19690091138	A light ion mass spectrometer experiment for OGO-E Quarterly report, 1 Mar. - 31 May 1969	1969
19690091139	Contract quarterly performance report, 27 March - 1 June 1969	1969
19690091140	Investigation of magnetospheric physics Quarterly progress report, period ending 31 Mar. 1969	1969
19690091141	Two-inch return beam vidicon camera system Quarterly report, 8 Jan. - 7 Apr. 1969	1969
19690091167	Elastic/plastic torsion of doubly-connected cylinders Summary report	1969
19690091168	Limit analysis with multiple load parameters Summary report	1969
19690091187	Minimum pressure loss in high velocity flow duct systems Monthly progress report	1969
19690091188	Ionospheric Telecommunications Laboratory Progress report, 1 Jul. - 31 Dec. 1968	1969
19690091210	Investigations in space-related biology Semiannual scientific progress report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690091211	Research in electrohydrodynamics Quarterly report, 1 Feb. - 30 Apr. 1969	1969
19690091214	Flaw definition through nondestructive testing Monthly progress report, 1-31 Dec. 1968	1969
19690091229	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 29 Dec. 1968 - 1 Feb. 1969	1969
19690091230	Performance analysis of composite propulsion systems Monthly status letter, 25 Dec. 1968 - 24 Jan. 1969	1969
19690091232	Fifth monthly status report, 1-21 Jan. 1969	1969
19690091234	Project Apollo Quarterly progress report, 1 Jan. - 1 Apr. 1969	1969
19690091236	Radiation effects on liquid propellants	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091238	National Aeronautics and Space Administration space cell test program Monthly progress report for period ending 31 Mar. 1969	1969
19690091241	Performance investigation, heat and mass transfer investigation, combustion stability investigation Monthly progress report, 1 May - 1 Jun. 1969	1969
19690091242	Experimental study of sound and vibration transmission to a shroud-enclosed spacecraft Quarterly progress report, 20 Jan. - 20 Apr. 1969	1969
19690091243	S-band parametric amplifier Final report, 30 Jun. 1967 - 1 Mar. 1969	1969
19690091244	Fourth quarterly report, 1 March - 31 May 1969	1969
19690091245	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids	1969
19690091247	Free vibration of cylindrical shells with rectangular cutouts, part 4 Final report	1969
19690091248	Extraterrestrial life detection by enzymatically induced exchange of O-18 Quarterly report, 15 Nov. 1968 - 15 Feb. 1969	1969
19690091249	Investigation of methods for transpiration cooling liquid rocket chambers Monthly status report, 9 Jan. - 9 Feb. 1969	1969
19690091250	Properties of powdered titanium alloys Monthly progress report, 30 Dec. 1968 - 2 Feb. 1969	1969
19690091251	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report	1969
19690091252	Study of advanced bladder technology Monthly progress report	1969
19690091253	Research performed under NASA grant Status report, 1 Jun. 1968 - 31 May 1969	1969
19690091254	The adsorption of gases on stainless steel in the pressure range 10 to the minus 10 to 10 to the minus 3 torr Semiannual progress report for the period ending Jun. 1969	1969
19690091255	Development of a technique for sampling the boundary flow gases in rocket motors Progress report, 10 Mar. - 10 Apr. 1969	1969
19690091257	Leakage testing handbook project, phase 2 Quarterly report	1969
19690091259	FLOX-diborane technology Informal monthly progress letter, 16 Dec. 1968 - 15 Jan. 1969	1969
19690091260	Space storable regenerative cooling investigation Monthly progress report	1969
19690091261	Analysis of folding strains on composite bladder structures Progress report	1969
19690091262	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report	1969
19690091263	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Monthly progress report, 1-31 Jan. 1969	1969
19690091264	Design and development of diborane shipping container Monthly status letter, 7 Dec. 1968 - 6 Jan. 1969	1969
19690091265	Protective coatings for refractory metals in rocket engines Monthly letter report, 13 Jan. - 13 Feb. 1969	1969
19690091275	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 2-29 Mar. 1969	1969
19690091276	Stability characterization of advanced injectors Monthly progress report, 1 Feb. - 1 Mar. 1969	1969
19690091277	System analysis of gelled space-storage propellants Monthly progress report, 4 Feb. - 3 Mar. 1969	1969
19690091278	Advanced pyrolytic spacecraft thrust chamber materials Monthly letter progress report, 23 Jan. - 22 Feb. 1969	1969
19690091279	Analysis of folding strains on composite bladder structures Progress report	1969
19690091280	Space storable engine characterization Monthly progress report, 1-28 Feb. 1969	1969
19690091281	Kinetic flow performance in nozzles Monthly progress report, 1-28 Feb. 1969	1969
19690091282	Crogenic alloy screening Monthly progress report, 28 Dec. 1968 - 27 Jan. 1969	1969
19690091284	Study of highly fluorinated heterocyclic polymers for cryogenic bladder application Quarterly letter report no. 2, 1 Jan. - 15 Apr. 1969	1969
19690091290	Minimum pressure loss in high velocity flow duct systems	1969
19690091292	Monthly status report, 1-31 December 1968	1969
19690091293	Vibration population distribution in expanding flows Quarterly report for period ending 28 Feb. 1969	1969
19690091294	Progress report, 15 Sep. 1968 - 15 Mar. 1969	1969
19690091295	Direct methods for the solution of systems of linear equations with sparse coefficient matrix and related topics	1969
19690091296	Tripropellant engine system study Monthly progress report, 1-28 Feb. 1969	1969
19690091297	Research investigation of the decomposition of composite solid propellants Monthly status report, 6 Feb. - 5 Mar. 1969	1969
19690091298	Research investigation of the decomposition of composite solid propellants Quarterly status letter, 6 Jan. - 5 Apr. 1969	1969
19690091299	Space storable engine characterization Monthly progress report, 1-31 Jan. 1969	1969
19690091300	Integrated waste management propellant system study	1969
19690091302	Flaw definition through nondestructive testing Monthly progress report, 1-31 Jan. 1969	1969
19690091303	Advanced injector concepts investigation Quarterly progress report, 1 Oct. 1968 - 1 Jan. 1969	1969
19690091304	Investigation of high speed phenomena Quarterly progress report for period ending 18 Feb. 1969	1969
19690091305	Kinetic flow performance in nozzles Monthly progress report, 1-31 Jan. 1969	1969
19690091306	Study of analysis system and characterization of instrument operating parameters to establish optimum design Monthly progress report, 1-31 Dec. 1968	1969
19690091308	Advanced engine aerospike experimental investigation thrust chamber performance no. 2 program Monthly status report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091311	Thermodynamic improvements in liquid hydrogen turbopumps	1969
19690091315	Investigation of gas augmented injectors Monthly progress report	1969
19690091326	Application of blade-element techniques to design and performance prediction problems for axial-flow turbomachinery Progress report, 1 Oct. 1968 - 31 Mar. 1969	1969
19690091329	Study of highly fluorinated heterocyclic polymers for cryogenic bladder applications Monthly status letter, 1-28 Feb. 1969	1969
19690091336	Effect of baffles on combustion instability Monthly progress report, Jan. 1969	1969
19690091337	Hybrid pressurization system Quarterly progress report, Jan. - Mar. 1969	1969
19690091338	Advanced injector concepts investigation Informal monthly progress report, 1 Feb. - 1 Mar. 1969	1969
19690091339	Evaluation of advanced bladder technology Quarterly letter report, 15 Jan. - 14 Apr. 1969	1969
19690091342	Kinetic flow performance in nozzles Monthly progress report, 1-30 Apr. 1969	1969
19690091343	Kinetic flow performance in nozzles Monthly progress report, 1-31 Mar. 1969	1969
19690091344	Investigation of methods for transpiration cooling liquid rocket chambers Monthly status report, 9 Apr. - 9 May 1969	1969
19690091345	Investigation of methods for transpiration cooling liquid rocket chambers Monthly status report	1969
19690091348	Design and development of diborane shipping container Quarterly letter, 7 Nov. 1968 - 6 Feb. 1969	1969
19690091349	Advanced injector concepts investigation Informal monthly progress report, 1 Jan. - 1 Feb. 1969	1969
19690091359	Satellite tracking activities of the Johannesburg STADAF Monthly report	1969
19690091361	Radiation effects on liquid propellants	1969
19690091362	Monthly progress report, January 1969	1969
19690091364	System analysis of gelled space storable propellants Monthly progress report, 4 Mar. - 3 Apr. 1969	1969
19690091369	Investigation of extendable nozzle concepts Monthly progress letter, 3 May - 2 Jun. 1969	1969
19690091372	Quarterly progress report	1969
19690091375	Minimum pressure loss in high velocity flow duct systems	1969
19690091376	Kinetic flow performance in nozzles Monthly progress report, 1-30 Jun. 1969	1969
19690091379	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids	1969
19690091381	[Quarterly Progress Report No. 4: Task III Development of a Nonsimilar, Non-neutral Shock Layer Program]	1969
19690091382	Progress report no. 19, 1 May - 30 June 1969	1969
19690091383	Correlation of drop size distribution and injector variables Monthly progress report, period ending 30 Jun. 1969	1969
19690091390	Properties of cryogenically worked materials Monthly progress report, 28 Apr. - 25 May 1969	1969
19690091391	Oxygen fluoride/diborane technology vacuum ignition - Phase 2 Technical report, 15 May - 14 Jun. 1969	1969
19690091401	An investigation of the influence of controlled turbulence on gaseous discharge Monthly progress report, 12 May - 11 Jun. 1969	1969
19690091405	Radiation effects on liquid propellants Monthly report	1969
19690091412	Low gravity propellant control using capillary devices in large scale cryogenic vehicles Monthly progress report, 1-31 May 1969	1969
19690091413	Composite overwrapped metallic tanks Monthly progress report, 26 Feb. - 25 Mar. 1969	1969
19690091415	Evaluation of advanced hybrid and tripropellant upper stages Monthly progress report, 1 Mar. - 1 Apr. 1969	1969
19690091417	Investigation of methods for transpiration cooling liquid rocket chambers Monthly status report	1969
19690091422	Research in photochemistry and enzymology of photosynthesis Quarterly status report, 5 Mar. - 5 Jun. 1969	1969
19690091424	Investigation of space-related whistler propagation phenomena in laboratory plasmas Semiannual report	1969
19690091426	Investigation of properties of high conductivity metals and alloys Monthly letter report, 1 Mar. - 1 Apr. 1969	1969
19690091427	Advanced engine aerospike experimental investigation thrust chamber performance no. 2 program. Task 4 - Tapoff investigation Monthly status report for Jun. 1969	1969
19690091428	Space storable regenerative cooling investigation Monthly progress report for Jun. 1969	1969
19690091434	Vibration population distribution in expanding flows Quarterly report, 1 Mar. - 31 May 1969	1969
19690091435	Study of structural behavior of thin films Bimonthly letter report, 1 Mar. - 30 Apr. 1969	1969
19690091438	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 4-31 May 1969	1969
19690091446	Study of inducer load and stress Monthly progress report, 1-30 Jun. 1969	1969
19690091447	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report for Jun. 1969	1969
19690091448	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 1-28 Jun. 1969	1969
19690091449	Study of the synthesis of block copolymers	1969
19690091450	Investigation of the formation and behavior of clogging material in earth and space storable propellants Monthly progress report, 9 Jun. - 9 Jul. 1969	1969
19690091451	Cryogenic alloy screening Monthly progress report, 1-30 Jun. 1969	1969
19690091456	Research and Development on the Pulsed Plasma Accelerator /REPPAC/ Monthly progress report	1969
19690091459	Cryogenic gas storage system Monthly progress report for Jun. 1969	1969
19690091486	Kinetic flow performance in nozzles Monthly progress report, 1-31 May 1969	1969
19690091487	Evaluation of protective coatings for rocket engines Monthly report, 1-30 Apr. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091489	Advanced spacecraft valve technology Monthly progress report, 1 Jun. - 1 Jul. 1969	1969
19690091490	Advanced injector concepts investigation Informal monthly progress report, 1 Apr. - 1 May 1969	1969
19690091492	Spectroscopic studies of interstellar grains Quarterly report, Feb. - Apr. 1969	1969
19690091496	A study to analyze the permeation of high density gases and propellant vapors through single layer Teflon or Teflon structure materials and laminations Quarterly progress report, 19 Jan. - 19 Apr. 1969	1969
19690091498	Properties of cryogenically worked materials Monthly progress report, 31 Mar. - 27 Apr. 1969	1969
19690091499	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Progress report, 1-31 May 1969	1969
19690091505	OF sub 2/diborane technology vacuum ignition, phase 2 Quarterly report, 15 Jan. - 14 Apr. 1969	1969
19690091507	Tridyne attitude control thruster investigation Monthly status letter for the period ending 30 Apr. 1969	1969
19690091508	OF sub 2/Diborane technology vacuum ignition, phase 2 Monthly status report, 15 Apr. - 14 May 1969	1969
19690091509	Analyses using the tripropellant combination lithium, fluorine, hydrogen Monthly progress report, 20-31 Jan. 1969	1969
19690091510	Investigation of instabilities of atmospheric flow systems associated with clear air turbulence Quarterly progress report, 16 Nov. 1968 - 15 Feb. 1969	1969
19690091516	Electromagnetic probing of the Mars and Venus atmospheres and ionospheres from an orbiting pair Monthly progress report, 1-30 Apr. 1969	1969
19690091517	Study of highly fluorinated heterocyclic polymers for cryogenic bladder application Monthly status letter, 15 Nov. - 15 Dec. 1968	1969
19690091518	Metal tank fracture and design criteria Monthly progress report, 14 Mar. - 15 Apr. 1969	1969
19690091520	Techniques for fabricating rocket engine components containing intricate flow channels Monthly progress report, Jan. 1969	1969
19690091524	Chamber technology for space storable propellants /U/ Monthly progress report for period ending 26 Apr. 1969	1969
19690091561	Evaluation testing of protective coatings on refractory metals Quarterly progress report	1969
19690091562	Metal tank fracture and design criteria Monthly progress report, 15 May - 15 Jun. 1969	1969
19690091563	High accuracy baseline ranging system for the Radio Astronomy Explorer Final report	1969
19690091564	Infrared interferometer spectrometer /IRIS/ for the Nimbus D spacecraft Quarterly report, 15 Mar. - 15 Jun. 1969	1969
19690091565	Thermodynamic improvements in liquid hydrogen turbopumps Monthly status report, period ending 16 Apr. 1969	1969
19690091569	Space cell test program Monthly progress report	1969
19690091570	Stress corrosion of metal tanks Monthly progress report, 15 May - 15 Jun. 1969	1969
19690091582	Synthesis of closed loop time optimal control systems via threshold logic networks	1969
19690091584	Rocket engine ablative material phenomena Monthly progress report, 17 May - 13 Jun. 1969	1969
19690091585	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report	1969
19690091587	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Progress report, 1-31 Mar. 1969	1969
19690091593	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Interim report, 1-30 Apr. 1969	1969
19690091594	Development and demonstration of passively cooled thrust chamber assemblies for fluorinated propellants Monthly progress report, 1-31 May 1969	1969
19690091596	Metal tank fracture and design criteria Monthly progress report, 15 Feb. - 14 Mar. 1969	1969
19690091597	Correlation of drop size distribution and injector variables Quarterly progress report for period ending 30 Apr. 1969	1969
19690091598	Study of inducer load and stress Monthly progress report, 1-30 Apr. 1969	1969
19690091600	Third quarterly progress report	1969
19690091601	A theoretical and experimental study of the ionosphere using radio signals from earth satellites Progress report, 1 Jan. - 30 Jun. 1969	1969
19690091602	Hybrid pressurization system Monthly progress report, 1-31 May 1969	1969
19690091603	Molecular beam surface interaction Quarterly progress report, 25 Jan. - 25 Apr. 1969	1969
19690091604	Investigation of high speed phenomena Quarterly progress report for period ending 18 May 1969	1969
19690091605	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 26 Apr. - 23 May 1969	1969
19690091606	Hybrid pressurization system Monthly progress report, 1-30 Apr. 1969	1969
19690091607	Stress corrosion of metal tanks Monthly progress report, 15 Apr. - 15 May 1969	1969
19690091608	Space storable regenerative cooling investigation Monthly progress report	1969
19690091609	Thermodynamic improvements in liquid hydrogen turbopumps Monthly status report for the period ending 16 Mar. 1969	1969
19690091611	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids Monthly letter progress report, Mar. 1969	1969
19690091612	Investigation of advanced thrust chamber designs Monthly progress report, 6 Apr. - 6 May 1969	1969
19690091613	Analytical study of non-continuum flow processes in nozzles Monthly status report, 1-31 Mar. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091619	Study of growth in recent and fossil invertebrate exoskeletons and its relationship to tidal cycles in the earth-moon system Semiannual report, 1 Oct. - 31 Mar. 1969	1969
19690091620	Semiannual status report for the period 1 December 1968 - 31 May 1969	1969
19690091621	Detection of trace elements in remote surfaces by neutron inelastic scattering induced gamma rays - Theoretical analysis Semiannual report, 1 Oct. - 31 Mar. 1969	1969
19690091629	Performance analysis system for SSS and SAS Quarterly report, 10 Apr. - 10 Jul. 1969	1969
19690091630	Study of inducer load and stress Monthly progress report, 1-31 May 1969	1969
19690091631	Phase 2. Propellant selection for unmanned spacecraft propulsion systems Monthly status report, 6 May - 5 Jun. 1969	1969
19690091632	Dielectric properties of battery electrolytes Quarterly progress report, 8 Jan. - 8 Apr. 1969	1969
19690091635	A space communication study Status report, 16 Mar. - 15 Jun. 1969	1969
19690091636	Structural and spectral studies of sunspots Quarterly status report, 1 Mar. - 1 Jun. 1969	1969
19690091637	X-ray detection of disordered orthopyroxenes in meteorites Semiannual report, 1 Dec. 1968 - 31 May 1969	1969
19690091638	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy Semiannual progress report, 1 Oct. 1968 - 31 Mar. 1969	1969
19690091639	Volcanological approach to the interpretation of lunar features Semiannual report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690091643	Analysis of folding strains on composite bladder structures Quarterly progress report, 28 Feb. - 31 May 1969	1969
19690091645	Heat pipe technology for advanced rocket thrust chambers Monthly status report, 1-31 May 1969	1969
19690091646	Metal tank fracture and design criteria Monthly progress report, 15 Apr. - 15 May 1969	1969
19690091647	Investigation of advanced thrust chamber designs Monthly progress report, 6 May - 6 Aug. 1969	1969
19690091650	Study of highly fluorinated heterocyclic polymers for cryogenic bladder application Monthly status report, 15 Apr. - 15 May 1969	1969
19690091652	Study of highly fluorinated heterocyclic polymers for cryogenic bladder application Monthly status letter, 1-31 Jan. 1969	1969
19690091659	Advanced injectors for space storable propellants Informal monthly status letter	1969
19690091662	Minimum pressure loss in high velocity flow duct systems	1969
19690091663	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids Monthly progress letter report, 1-31 Mar. 1969	1969
19690091664	Measurements of AC and DC electric fields in a break up aurora	1969
19690091665	Space storable thruster investigation Monthly progress report, 4-31 Jan. 1969	1969
19690091674	A describing function technique applied to nonsymmetrical nonlinearities	1969
19690091675	Volcanological approach to the interpretation of lunar features Semiannual report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690091676	Immunoneurological studies on the brain Semiannual progress report	1969
19690091677	Research on instrumentation for advanced solar satellites Status report, 1 Jan. - 1 Jul. 1969	1969
19690091684	Supersonic jet exhaust noise Monthly progress report, 26 Feb. - 26 Mar. 1969	1969
19690091685	The multispectral point scanner study Quarterly report, 1 Feb. - 1 May 1969	1969
19690091687	Advanced injector concepts investigation Informal monthly progress report	1969
19690091688	Minimum pressure loss in high velocity flow duct systems	1969
19690091703	Progress report, 1 January - 31 March 1969	1969
19690091717	Protochemical generation of prebiotic condensing agents Progress report for period ending 30 Jun. 1969	1969
19690091718	Electroformed injector fabrication techniques Monthly progress report, 1-30 Apr. 1969	1969
19690091722	Correlation of drop size distribution and injector variables Quarterly progress report, period ending 31 Jul. 1969	1969
19690091746	Report for the period 1 December 1968 - 31 May 1969	1969
19690091747	Quarterly status report, April - June 1969	1969
19690091748	Research on instrumentation for advanced solar satellites	1969
19690091759	A search for diffuse galactic light in the spectral region of 2100-2800 angstrom Quarterly report	1969
19690091760	Pressure sensing control Monthly report, 2 Jul. - 1 Aug. 1969	1969
19690091761	Theoretical and experimental investigations of electron emission, conductivity and luminescence of selected solids under vacuum UV radiation Status report, 1 Nov. 1968 - 30 Apr. 1969	1969
19690091762	Study of the capabilities of the geodetic satellite altimeter to measure ocean-surface characteristics Monthly progress letter, Jul. 1969	1969
19690091763	Study of highly fluorinated heterocyclic polymers for cryogenic bladder application Quarterly letter report, 15 Apr. - 15 Jul. 1969	1969
19690091764	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Jun. - 22 Jul. 1969	1969
19690091765	Evaluation of protective coatings for rocket engines Monthly report, 1-31 Jul. 1969	1969
19690091773	Advanced injector concepts investigation Informal monthly progress report, 1-31 Jul. 1969	1969
19690091774	Evaluation and development of television tubes for space astronomy Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19690091775	Study of surface pressure distribution induced on bodies of revolution by a subsonic cold air jet exhausting normal to the surface and into a subsonic free stream Quarterly status report, 1 May - 31 Jul. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690091777	Radar studies related to the earth resources survey program Progress report	1969
19690091783	Applicability of the modified LM habitability study to ELM habitability	1969
19690091784	Numerical solutions of differential equations, 1961 - 1969	1969
19690091790	Physiological and engineering study of advanced thermoregulatory systems for extravehicular space suits Semiannual status report, 16 Dec. 1968 - 15 Jun. 1969	1969
19690091792	Study of crack initiation phenomena associated with stress corrosion of aluminum alloys Quarterly report, 26 Sep. - 25 Dec. 1968	1969
19690091795	Processing and transmission of information, part 8	1969
19690091796	Solid-state microwave electronics, part 4	1969
19690091797	Radio astronomy, part 3	1969
19690091835	AGM-69A - Detailed analysis reports. Volume 18 - Structural analysis /U/ Final report	1969
19690091865	Chamber technology for space storable propellants /U/ Monthly progress report, period ending 26 Jul. 1969	1969
19690091866	Full scale modular core regenerator of YT78-A-2 power plant. Volume 2 - Final design report for the Allison T-78 engine regenerator	1969
19690091900	Chamber technology for space storable propellants /U/ Monthly progress report, period ending 26 May 1969	1969
19690091980	Quarterly progress report, 1 February - 30 April 1969	1969
19690091999	Apollo/Saturn 5 SV OAT 1 /plugs in/ Apollo 10	1969
19690092003	AS-505 space vehicle data evaluation guide	1969
19690092004	Xenon lamp bank radiated interference Test report	1969
19690092005	Radar Wind Direction and Velocity Program /RWDV5/	1969
19690092009	AS-502 electromagnetic compatibility data	1969
19690092010	Investigation of RF-OIS recording and playback techniques	1969
19690092065	An evaluation of pressure sensors for space flight - Zinc oxide thin films and silicon piezoresistive diaphragms	1969
19690092066	Facilities measurements cryo-2 special tests	1969
19690092079	Light sources for stellar telescope calibration from 700 angstrom to 7000 angstrom	1969
19690092096	Component test report for engineering acceptance	1969
19690092098	Component test report for production acceptance	1969
19690092104	Statistical communication theory Quarterly report	1969
19690092110	A differential pressure viscometer for navy fuel systems	1969
19690092111	Engineering evaluation of end connectors for AMMI pontoons Technical report, Jan. - Jul. 1968	1969
19690092168	Air-bearing applications to machine tools and measuring instruments	1969
19690092175	Space storable thruster investigation Monthly progress report, 3 Feb. - 3 Mar. 1969	1969
19690092184	S-4B/505 continuous vent system analysis and S-4B/506 predictions	1969
19690092186	Stability characterization of advanced injectors Monthly progress report, 1 Jul. - 1 Aug. 1969	1969
19690092244	First monthly letter report	1969
19690092245	Properties of cryogenically worked materials Monthly progress report, 30 Jun. - 27 Jul. 1969	1969
19690092246	Electromagnetic probing of the Mars and Venus atmospheres and ionospheres from an orbiting pair Monthly progress report, 1-31 Mar. 1969	1969
19690092248	Liquid-phase reactions of hypergolic propellants Monthly progress report, period ending 30 Jun. 1969	1969
19690092249	Development of an effective reliable lift-off seal for use in advanced turbomachinery Monthly progress report, period ending Jul. 1969	1969
19690092250	Lightweight modular multilayer insulation Progress report, 1-30 Jun. 1969	1969
19690092251	The influence of temperature on fatigue-crack growth Quarterly status report, 1 Mar. - 30 Jun. 1969	1969
19690092252	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 May - 19 Jun. 1969	1969
19690092253	Investigation of space storable propellant acquisition devices Monthly letter report, 24 Jul. - 31 Aug. 1969	1969
19690092254	Studies related to the surfaces of the moon and planets Quarterly status report, 1 Apr. - 30 Jun. 1969	1969
19690092255	Development of an effective reliable lift-off seal for use in advanced turbomachinery Monthly report for Jun. 1969	1969
19690092256	Study of bipropellant shut-off valves Monthly report, 1 Aug. - 1 Sep. 1969	1969
19690092257	Space storable propellant vacuum performance evaluation program Monthly progress report	1969
19690092259	Research in electrohydrodynamics Semiannual report, 28 Feb. - 31 Jul. 1969	1969
19690092260	Study of dual channel spectroradiometer systems Monthly progress report, period ending 30 Jun. 1969	1969
19690092261	Analysis of folding strains on composite bladder structures Progress report	1969
19690092262	Development of a Filament-Overwrapped Cryoformed Metal Pressure Vessel: Monthly Progress Report for Jun. 1969	1969
19690092263	System analysis of gelled space-storable propellants Monthly progress report, 17-30 Jun. 1969	1969
19690092264	Metallic positive expulsion diaphragm Monthly progress report, period ending Jun. 1969	1969
19690092265	Studies of the flow, bonding and damping characteristics of a squeeze film under dynamic conditions Status report, 15 Dec. 1968 - 15 Jun. 1969	1969
19690092266	Low gravity propellant control using capillary devices in large scale cryogenic vehicles Monthly progress report, 1- 30 Apr. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092268	Research investigation of the decomposition of composite solid propellants Monthly status report, 6 May - 5 Jun. 1969	1969
19690092269	Stability characterization of advanced injectors Monthly progress report, 1 Jun. - 1 Jul. 1969	1969
19690092270	Space storable oxidizer valve Monthly report, 1 Jun. - 1 Jul. 1969	1969
19690092271	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Progress report, 1-30 Jun. 1969	1969
19690092272	Cosmic-ray investigations utilizing an emulsion chamber-calorimeter combination Semiannual status report, 1 Jan. - 30 Jun. 1969	1969
19690092274	Kinetic flow performance in nozzles Monthly progress report, 1 Jul. - 31 Jul. 1969	1969
19690092275	Experimental investigation of capillary propellant control devices for low gravity environments Monthly progress report, 1-30 Jun. 1969	1969
19690092276	Study of Thermo-Hydraulic Oscillations in Boiling Systems Employing Liquid Metal Working Fluids Monthly Progress Report	1969
19690092277	National Aeronautics and Space Administration space cell test program Monthly progress report	1969
19690092278	Study of hydrazine reactor vacuum start characteristics Monthly progress report, 1-30 Jun. 1969	1969
19690092280	Investigation of methods for transpiration cooling liquid rocket chambers Monthly status report	1969
19690092281	Stability of solutions to partial differential equations Semiannual status report, 1 Nov. 1968 - 30 Apr. 1969	1969
19690092282	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 17 Jun. - 31 Jul. 1969	1969
19690092283	Flaw definition through nondestructive testing Monthly progress report, 1 Jun. - 30 Jun. 1969	1969
19690092284	Investigation of gas-augmented injectors Monthly progress report, Jun. 1969	1969
19690092285	Thermodynamic improvements in LH sub 2 turbopumps Monthly status report, period ending 16 Jul. 1969	1969
19690092286	Degradation mechanism, hydrocarbon polymer Quarterly contract status report, period ending 15 Jun. 1969	1969
19690092287	Microbiological performance testing on the water management sub-system for a four-man space capsule Semiannual status report, 1 Dec. 1968 - 31 May 1969	1969
19690092288	Reactive stream separation photography Monthly progress report, 15 Jul. 1969	1969
19690092291	Non-equilibrium properties of magnetoplasmas Semiannual status report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690092292	NASA quarterly status report, for period ending 31 July 1969	1969
19690092293	Theoretical and experimental studies in ultraviolet solar physics Semiannual status report, 1 Feb. - 31 Jul. 1969	1969
19690092294	Project report, 13 January - 13 July 1969	1969
19690092295	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the electroforming process Monthly progress report, 1 Jun. - 30 Jun. 1969	1969
19690092296	Fluorine lubricated bearing technology Monthly report, Jun. 1969	1969
19690092303	Development and experimental investigation of bellows concepts for cryogenic seal application Monthly report, for the period 1-30 Jun. 1969	1969
19690092304	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 24 May 1969 - 27 Jun. 1969	1969
19690092306	Degradation mechanism, hydrocarbon polymer Monthly status report, 16 Jul. - 15 Aug. 1969	1969
19690092307	Quarterly progress report	1969
19690092308	Technical status report, 4 February - 4 May 1969	1969
19690092309	Study of highly fluorinated heterocyclic polymers for cryogenic bladder applications Monthly letter report, 15 Jul. - 15 Aug. 1969	1969
19690092311	Stress corrosion of metal tanks Monthly progress report, 15 Jul. - 15 Aug. 1969	1969
19690092312	Space storable regenerative cooling investigation Monthly progress report	1969
19690092314	Space storable engine characterization Monthly progress report	1969
19690092319	Degradation mechanism, hydrocarbon polymer Monthly status report, period ending 15 Jul. 1969	1969
19690092320	Properties of cryogenically worked materials Monthly progress report, 26 May - 29 Jun. 1969	1969
19690092321	Investigation of extendable nozzle concepts Quarterly progress report, 4 Apr. - 3 Jul. 1969	1969
19690092322	Space storable engine characterization Monthly progress report	1969
19690092323	Feasibility of performing biomedical analysis under space flight conditions Progress report, 23 Jun. - 23 Jul. 1969	1969
19690092324	Effect of baffles on combustion instability Monthly progress report, Jun. 1969	1969
19690092326	Damaged wires in the command module/service module umbilical - Apollo 6 Anomaly report no. 13	1969
19690092327	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 28 Dec. 1968 - 24 Jan. 1969	1969
19690092328	Ionospheric transport processes and topside irregularities Progress report	1969
19690092329	Status report, 1 December 1968 - 28 February 1969	1969
19690092330	Semiannual report, 1 October 1968 - 31 March 1969	1969
19690092332	Investigation of extendable nozzle concepts Quarterly progress report, 3 Oct. 1968 - 3 Jan. 1969	1969
19690092334	Fiber glass supports for cryogenic tanks Monthly report, 1-31 Jul. 1969	1969
19690092335	Fiber glass supports for cryogenic tanks Monthly report, 12 May - 1 Jun. 1969	1969
19690092336	Fiber glass supports for cryogenic tanks Monthly report, 1-30 Jun. 1969	1969
19690092337	Electroformed injector fabrication techniques Monthly progress report, 1-30 Jun. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092339	The investigation of flame spreading over the surface of igniting solid propellants Quarterly letter report, 16 Jan. - 15 Apr. 1969	1969
19690092340	Research on satellite electrical power conversion systems and circuit protection Semiannual status report	1969
19690092342	Pre-Paleozoic biotas and environments 2 Interim report, 1 Aug. 1968 - 31 Jul. 1969	1969
19690092343	The study of synchronization techniques for optical communication systems Quarterly report, 1 Mar. - 1 Jun. 1969	1969
19690092344	Combustion of metals Quarterly progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19690092345	Performance analysis, modelling and critical tests of electric thruster systems Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
19690092346	Status report, 1 Sep. - 30 Nov. 1968	1969
19690092347	Cryogenic gas storage system Monthly progress report, Feb. 1969	1969
19690092350	Definition of an experiment to measure the primary cosmic ray electron flux and energy spectrum up to 1000 BeV Quarterly progress reports, 18 Jun. - 18 Dec. 1968	1969
19690092351	Integrated test and checkout procedure - LM sea level altitude chamber runs, GOX loading and ECS sea level functional tests	1969
19690092353	Fluorine lubricated bearing technology Monthly report, Jul. 1969	1969
19690092354	Special studies of meteorological measurement techniques up to 100 kilometers Semiannual status report, 1 Jan. - 30 Jun. 1969	1969
19690092355	Cast segment evaluation Monthly status report, 18 Mar. - 17 Apr. 1969	1969
19690092357	Tidal theory and orbital perturbations Semiannual report, 1 Dec. 1968 - 31 May 1969	1969
19690092358	Synthesis of polymers with high residues at high temperatures Informal quarterly status report, 1 May - 31 Jul. 1969	1969
19690092359	The effect of particle and fluid properties on the pressure drop and heat transfer coefficient of a dilute flowing gas-solid suspension Progress report, Oct. 1968 - Mar. 1969	1969
19690092362	Fracture	1969
19690092363	Development and experimental investigation of bellows concepts for cryogenic seal application Monthly report, 1-31 Jul. 1969	1969
19690092365	Status report, 1 Nov. 1968 - 30 Apr. 1969	1969
19690092366	Meteorite photography and recovery network Quarterly status report, 1 Jan. - 31 Mar. 1969	1969
19690092367	S-2-4 flight Final test report	1969
19690092368	Project HIAM Informal report, Dec. 1968 - May 1969	1969
19690092370	Tridyne attitude control thruster investigation Monthly status letter, period ending 31 Aug. 1969	1969
19690092371	Advanced feed system component interaction analysis Monthly status letter, period ending 31 Aug. 1969	1969
19690092377	Continued photographic patrol and study of the physical conditions of the moon and planets Semiannual report, 15 Oct. 1968 - 14 Apr. 1969	1969
19690092378	Suppression of combustion oscillations with mechanical damping devices Monthly status report, 1-31 Aug. 1969	1969
19690092380	Study of space station propulsion system resupply and repair Monthly progress, 27 Jun. - 31 Jul. 1969	1969
19690092381	Supersonic jet exhaust noise Monthly progress report, 26 Jun. - 26 Jul. 1969	1969
19690092385	Cryogenic positive expulsion diaphragm Monthly progress report, 1 Jun. - 31 Jul. 1969	1969
19690092386	Theoretical research on heterogeneous combustion Semiannual progress report, 1 Apr. - 30 Sep. 1968	1969
19690092387	Progress report, supplement no. 1, for 1 September 1968 - 1 June 1969	1969
19690092391	Propulsive re-entry aerodynamics /rocket plume in counterflow/ Monthly status report	1969
19690092393	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-31 Aug. 1969	1969
19690092394	Heat pipe technology for advanced rocket thrust chambers Informal monthly status letter, Aug. 1969	1969
19690092395	Bending and slosh model tolerances for Saturn 5	1969
19690092396	Investigation of gas augmented injectors Monthly progress report, Feb. 1969	1969
19690092397	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 25 Jan. - 21 Feb. 1969	1969
19690092398	Dual-mode lunar roving vehicle design definition study Monthly progress report, 10 Apr. - 15 May 1969	1969
19690092399	Advanced engine aerospike experimental investigation thrust chamber performance no. 2 program Monthly status report	1969
19690092400	Monthly progress report, 1-30 April 1969	1969
19690092401	Monthly progress report, 1-31 May 1969	1969
19690092406	Influence of zero gravity on single living cells May - Jun. 1969	1969
19690092409	Theoretical research on heterogeneous combustion Semiannual progress report, 30 Sep. 1968 - 1 Apr. 1969	1969
19690092410	Progress report, 15 April 1968 - 15 April 1969	1969
19690092411	Stability characterization of advanced injectors Monthly progress report, 1 Jan. - 1 Feb. 1969	1969
19690092412	Genetic effects on Drosophila of clinostat rotation and low-frequency vibration, singly and in combination with ionizing radiation Quarterly status report, 1 Apr. - 30 Jun. 1969	1969
19690092413	Structure of solar magnetic and velocity fields Semiannual report, 1 Oct. 1968 - 31 Mar. 1969	1969
19690092415	Semiannual progress report, 31 Dec. 1968 - 1 Jul. 1969	1969
19690092416	Spectroscopic and photochemical study of photochromic compounds Quarterly report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092417	A study of pion and muon beam transport systems for a 600 MeV synchrocyclotron semiannual status report, 1 Dec. 1968 - 1 Jun. 1969	1969
19690092418	An electrohydrodynamic dynamo with the constituents of a thunderstorm	1969
19690092420	An investigation of diffraction by planetary atmospheres Quarterly status report, 1 Apr. - 30 Jun. 1969	1969
19690092421	Engine effect on sonic boom unsteady engine inlet interaction Progress report, Dec. 1968 - May 1969	1969
19690092422	Gas radiation and transport properties at high temperatures Semiannual status report, 1 Apr. 1968 - 31 Mar. 1969	1969
19690092423	Sensing of meteorological variables by laser probe techniques Semiannual report, 1 Aug. 1968 - 31 Jan. 1969	1969
19690092425	Evaluation of protective coatings for rocket engines Monthly report, 1-30 Jun. 1969	1969
19690092427	Electroformed injector fabrication techniques Monthly progress report, 1 Jul. - 31 Aug. 1969	1969
19690092428	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the electroforming process Monthly progress report, 1 Jul. - 31 Aug. 1969	1969
19690092429	Space cell test program Monthly progress report, 30 Apr. 1969	1969
19690092430	Shock wave and boundary layer formation on a flat plate in rarefied hypersonic flow Monthly progress report	1969
19690092431	S-2-3 flight Final test report	1969
19690092437	Advanced engine aerospike experimental investigation - Thrust chamber performance no. 2 program Monthly status report, Feb. 1969	1969
19690092438	Quarterly status report, 1 December 1968 - 28 February 1969	1969
19690092439	Development of a filament-overwrapped cryoformed metal pressure vessel Monthly progress report, Jul. 1969	1969
19690092440	Properties of cryogenically worked materials Monthly progress report, 28 Jul. - 31 Aug. 1969	1969
19690092441	Study of the capabilities of the geodetic satellite altimeter to measure ocean-surface characteristics Monthly progress letter, 1-31 Aug. 1969	1969
19690092442	Monthly letter report	1969
19690092443	Study of an orbiting gyro experiment to measure gas density and gas molecule surface interaction parameters, 29 June 1968 - 31 May 1969	1969
19690092447	Shadow shield development Monthly progress report, period ending 31 Aug. 1969	1969
19690092448	Stability characterization of advanced injectors Monthly progress report, 1 Aug. - 1 Sep. 1969	1969
19690092449	Monthly progress report, 1-30 June 1969	1969
19690092450	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report	1969
19690092451	Monthly status report, 1-31 July 1969	1969
19690092453	Phase 2 HEUS motor Monthly letter status report, 23 Apr. - 28 May 1969	1969
19690092454	Analysis of folding strains on composite bladder structures Progress report, 1 Aug. 1969	1969
19690092455	Tridyne attitude control thruster investigation Monthly status letter	1969
19690092456	Rocket engine ablative material phenomena Monthly progress report, 12 Jul. - 8 Aug. 1969	1969
19690092457	Investigation of methods for transpiration cooling liquid rocket chambers Monthly status report, 9 Jul. - 9 Aug. 1969	1969
19690092458	Metal tank fracture and design criteria Monthly progress report, 15 Jul. - 15 Aug. 1969	1969
19690092459	Hybrid pressurization system Monthly progress report, period ending Jun. 1969	1969
19690092462	Investigation of space-related "whistler" propagation phenomena in laboratory plasmas Semiannual report, 1 Jan. - 30 Jun. 1969	1969
19690092463	Conductive and radiative end-wall heat transfer behind reflected shock waves in air and nitrogen Semiannual progress report	1969
19690092464	Nimbus/ATS Data Utilization Center Summary report, 7 Mar. 1967 - 7 Mar. 1969	1969
19690092465	Low speed inducer for a rocket engine feed system Monthly progress report	1969
19690092466	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Jul. - 22 Aug. 1969	1969
19690092467	Study of space station propulsion system resupply and repair Monthly progress report, 1 Aug. - 1 Sep. 1969	1969
19690092468	A study of fluid dynamics of gaseous nuclear rockets Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
19690092469	Semiannual report, 1 November 1968 - 30 April 1969	1969
19690092470	A suggested use for crack opening in fracture testing of tough alloys Quarterly status report, 1 May - 31 Jul. 1969	1969
19690092471	Role of brown fat in biothermic systems - Mechanisms and control in depressed metabolism Progress report, 1 Jan. - 30 Jun. 1969	1969
19690092474	Semiannual progress report, 31 March 1969	1969
19690092479	Emergency egress and stowage practice /MSOB/	1969
19690092482	Preliminary design for a Manned Astronomical Space Telescope /MAST/. Volume 1 - Summary technical report	1969
19690092483	Study of hydrazine reactor vacuum start characteristics Monthly progress report, 1-31 Aug. 1969	1969
19690092484	Advanced engine Aerospike experimental investigation. Thrust chamber performance no. 2, program task 4 - Tapoff investigation Monthly status report	1969
19690092489	Cryogenic gas storage system Monthly progress report, Jan. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092491	Hybrid pressurization system Monthly progress report, period ending Jul. 1969	1969
19690092492	Heat pipe technology for advanced rocket thrust chambers Informal monthly letter, Jul. 1969	1969
19690092493	Cycle testing of cryogenic expulsion bellows Monthly technical progress report, Jul. 1969	1969
19690092495	National Aeronautics and Space Administration space cell test program Monthly progress report	1969
19690092497	Reflectometer experiment Post-launch monthly report	1969
19690092498	Photochromic materials research for optical display Progress report, 1 May - 31 Jul. 1969	1969
19690092500	Nondestructive Testing /NDT/ acousto-optical imaging Monthly progress report, 30 Jun. 1969 - 1 Aug. 1969	1969
19690092501	Nondestructive Testing /NDT/ acousto-optical imaging Monthly progress report, 1 Aug.- 1 Sep. 1969	1969
19690092506	Investigation of the effect of metallurgical structure and properties on the adhesion and friction behavior of cobalt alloys Quarterly report	1969
19690092509	Prelaunch operations with a space storable propellant module Monthly status report	1969
19690092510	Metal tank fracture and design criteria Monthly progress report, 15 Jun. - 15 Jul. 1969	1969
19690092512	Research in aeronomy Progress report, 1 Oct. 1968 - 31 Mar. 1969	1969
19690092513	Analysis of IMP-C data from the magnetospheric tail Quarterly status report, 1 May - 31 Jul. 1969	1969
19690092515	Reduction and analysis of magnetometer data from Mariners 4 and 5 Status report, 1 Oct. 1968 - 30 Jun. 1969	1969
19690092518	Cesium iodide beamsplitter Quarterly report, 26 Mar. - 26 Jun. 1969	1969
19690092520	Space storable regenerative cooling investigation Monthly progress report, 1-28 Feb. 1969	1969
19690092525	Tridyne attitude control thruster investigation Monthly status report for the period ending 31 May 1969	1969
19690092526	Advanced spacecraft valve technology Monthly progress report, 1 Jul. - 1 Aug. 1969	1969
19690092527	National Aeronautics and Space Administration space cell test program Monthly progress report	1969
19690092529	Space storable thruster investigation Monthly progress report, 27 Jun. - 27 Jul. 1969	1969
19690092530	Low speed inducer for a rocket engine feed system Monthly progress report	1969
19690092531	System analysis of gelled space-storable propellants Monthly progress report, 1-31 Jul. 1969	1969
19690092534	Design of a solid cryogen refrigerator for 14 degrees K infrared detector cooling for subliming refrigerator system	1969
19690092535	Glass-fiber tubing for cryogenic fluids Monthly progress report, 26 Jul. - 31 Aug. 1969	1969
19690092536	Look angles of Lunar Surface Points Program /LLSP1/	1969
19690092538	Development of code to find the matrix connecting the internal and external coefficients of Sq Final report	1969
19690092539	Nonlinear aspects of combustion instability in liquid propellant rocket motors Status report, 1 Feb. - 31 May 1969	1969
19690092541	Theoretical and experimental studies of the nature and characteristics of space-related plasma resonance phenomena Semiannual report	1969
19690092542	Combustion of metals Quarterly progress reports, 1 Apr. 1968 - 31 Mar. 1969	1969
19690092543	Theoretical research on heterogeneous combustion Quarterly progress report, 1 Apr. - 1 Jul. 1969	1969
19690092544	An analytical review of the ATS-1 solar cell experiment Progress report	1969
19690092545	Correlation of drop size distribution and injector variables Monthly progress report for period ending 31 May 1969	1969
19690092546	Stress corrosion of metal tanks Monthly progress report, 15 Jun. - 15 Jul. 1969	1969
19690092553	A study of decoders for error correction Quarterly status report, 1 Jun. - 1 Sep. 1969	1969
19690092555	Line integrals, surface integrals, volumes, centroids, and moments of inertia of a class of shells of revolution and for a larger class of shells Final report, 1 Jan. - 30 Jun. 1969	1969
19690092556	Space storable thruster investigation Monthly progress report, 27 Jul. - 27 Aug. 1969	1969
19690092557	Investigation of instabilities in atmospheric flow systems associated with clear air turbulence Quarterly progress report, 16 May - 15 Aug. 1969	1969
19690092558	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report, Aug. 1969	1969
19690092559	Space storable regenerative cooling investigation Monthly progress report, 1-31 Aug. 1969	1969
19690092560	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Aug. - 10 Sep. 1969	1969
19690092561	Investigation of properties of high conductivity metals and alloys Monthly progress report, 1 Aug. - 1 Sep. 1969	1969
19690092562	OSO-G receivers Final report	1969
19690092563	The thin-shell model of the earth's response to Sq Final report	1969
19690092564	Space storable inter-regen design study Monthly progress report, 25 Jul. 1969 - 22 Aug. 1969	1969
19690092566	Cycle testing of filament-wound pressure vessels Quarterly technical progress narrative no. 1, 1 Jul. - 25 Sep. 1969	1969
19690092568	Investigation of advanced thrust chamber designs Monthly progress report, 18 Sep. 1969	1969
19690092569	Mixing and reaction phenomena of flox and propane Monthly progress letter, period ending 27 Aug. 1969	1969
19690092571	Design of inducers for two phase operation Monthly progress report	1969
19690092572	Space storable regenerative cooling investigation Monthly progress report	1969
19690092573	Cryogenic alloy screening Monthly progress report, 1-31 Aug. 1969	1969
19690092574	Javelin D-4 vehicle hardware and firing systems Final report	1969
19690092575	Monthly status report, 1-31 August 1969	1969
19690092576	Fluorine lubricated bearing technology Monthly report, Aug. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092577	Investigation of gas-augmented injectors Monthly progress report, Aug. 1969	1969
19690092578	Monitor of Ultraviolet Solar Energy /MUSE/ for Nimbus B Final report	1969
19690092581	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 29 Jun. - 2 Aug. 1969	1969
19690092582	Subcritical flaw growth in metal tanks Monthly progress report, 1-31 Aug. 1969	1969
19690092584	Study of structural behavior of thin films Bimonthly letter report, 1 May - 30 Jun. 1969	1969
19690092585	Mixing and reaction phenomena of FLOX and propane Monthly progress letter, period ending 27 Jun. 1969	1969
19690092586	Electromagnetic probing of the Mars and Venus atmospheres and ionospheres from an orbiting pair Monthly progress report, 1-31 May 1969	1969
19690092587	Investigation of gas-augmented injectors Monthly progress report, May 1969	1969
19690092588	Face seal static leakage investigation Monthly progress report, period ending 30 Jun. 1969	1969
19690092589	Cavitation similarity studies at cryogenic temperatures with cryogenic liquids Monthly progress report, Jun. 1969	1969
19690092590	Space storable oxidizer valve Monthly report, 1 Jul. - 1 Aug. 1969	1969
19690092591	Radiation effects on liquid propellants	1969
19690092592	Protective coating systems for regeneratively cooled thrust chamber Monthly progress report	1969
19690092593	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 3-30 Aug. 1969	1969
19690092594	Digital cryogenic thermometer Monthly progress report, Jan. 1969	1969
19690092595	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 26 Jul. - 22 Aug. 1969	1969
19690092596	Pressure sensing control Monthly report, 1 Aug. - 1 Sep. 1969	1969
19690092597	Extend the design criteria for the coaxial pintle injector to higher chamber pressures and to gaseous fuel Monthly progress report, 26 Jul. - 22 Aug. 1969	1969
19690092598	Two phase detonation as related to rocket motor combustion instability Quarterly progress report, 1 May - 1 Aug. 1969	1969
19690092599	Rocket engine ablative material phenomena Monthly progress report, 9 Aug. - 6 Sep. 1969	1969
19690092601	Technical status report, 4 May - 4 August 1969	1969
19690092602	Development and experimental investigation of bellows concepts for cryogenic seal application Monthly report, 1-31 Aug. 1969	1969
19690092603	Calculus of variations and mathematical theory of optimal control Semiannual progress report, 15 Mar. - 15 Sep. 1969	1969
19690092604	Quarterly report	1969
19690092605	Advanced engine aerospike experimental investigation thrust chamber performance no. 2 program. Task 4 - Tapoff investigation Monthly status report, Jul. 1969	1969
19690092606	Reactive stream separation photography Monthly progress report, period ending 15 Aug. 1969	1969
19690092608	Study of inducer load and stress Monthly progress report, 1-31 Aug. 1969	1969
19690092609	Advanced injector concepts investigation Informal monthly progress report	1969
19690092610	Cycle testing of cryogenic expulsion bellows Monthly technical progress report, Aug. 1969	1969
19690092611	Space storable oxidizer valve Monthly progress report, 1 Aug. - 1 Sep. 1969	1969
19690092612	Low cost turbopumps study Monthly report, 1 Jul. - 31 Aug. 1969	1969
19690092613	Narrative report on all theoretical work accomplished concerning the behavior of ellipsoidal gratings at glancing incidence	1969
19690092616	Protective coating system for regeneratively cooled thrust chamber Monthly progress report	1969
19690092617	Inhomogeneous field ion optics and detectors for mass spectrometry Interim progress report, 1 Oct. 1968 - 31 Mar. 1969	1969
19690092619	Study of bipropellant shut-off valves Monthly report, 1 Jul. - 1 Aug. 1969	1969
19690092620	Degradation mechanism, hydrocarbon polymer Monthly status report, period ending 15 Sep. 1969	1969
19690092622	Application of electron diffraction and retarding potential techniques to the investigation of electron reflection properties of clean and gas-covered metal surfaces Annual status report, 1 Apr. 1968 - 31 Mar. 1969	1969
19690092626	Capacitors, electrolytic, aluminum foil, axial lead, metal case Sprague Te	1969
19690092627	Project Versatile Information Processor /VIP/ Quarterly report, 1 May - Aug. 1969	1969
19690092630	Thrust chambers for space storables Monthly progress report, 1 Aug. - 1 Sep. 1969	1969
19690092643	Research, engineering studies and analysis on suppression of acoustic noise from jet propulsion engines by means of model test Quarterly report, 3 Jul. 1969	1969
19690092648	OF sub 2/diborane technology vacuum ignition, phase 2 Report period, 15 Aug. - 14 Sep. 1969	1969
19690092649	Mission analysis computer program Status report no. 5, 18 Mar. - 18 May 1969	1969
19690092650	Lightweight modular multilayer insulation Progress report, 1-31 Aug. 1969	1969
19690092651	Theoretical studies of some nonlinear aspects of hypersonic panel flutter Status report no. 8, 1 Mar. - 31 Aug. 1969	1969
19690092663	Pneumatic system 1/4 inch filter, MDAC-WD SCN 1B76629-1	1969
19690092665	Genetic effects on Drosophila of clinostat rotation and low-frequency vibration, singly and in combination with ionizing radiation Quarterly status report, 1 Jan. - 1 Mar. 1969	1969
19690092666	Propellant pre-valve, qualification test MDAC-WD 1A49968-519	1969
19690092695	Translations on French nuclear, missile, space, and related military developments	1969
19690092696	Progress report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690092709	Saturn 5 launch vehicle operational abort and alternate mission trajectories	1969
19690092711	Cryogenic alloy screening Monthly progress report, 1-31 Jul. 1969	1969
19690092713	Development and experimental investigation of bellows concepts for cryogenic seal application Monthly report, 1-31 May 1969	1969
19690092714	The simultaneous measurement of atmospheric dust by laser and balloon sounding techniques Monthly progress report, Aug. 1969	1969
19690092718	An attempt to make material for magnetic stores from rolled sheet	1969
19690092722	Quarterly status report, period ending 30 May 1969	1969
19690092723	Photoemission evidence for Bloch states in a narrow band insulator	1969
19690092724	Photoemission studies of silver halides and other solids	1969
19690092731	Study of thermo-hydraulic oscillations in boiling systems employing liquid metal working fluids Monthly progress letter report	1969
19690092732	Effect of distributed energy release on rocket engine performance Monthly status report, 15 Aug. - 14 Sep. 1969	1969
19690092756	Study of highly fluorinated heterocyclic polymers for cryogenic bladder applications Monthly status letter no. 8, 15 Aug. - 15 Sep. 1969	1969
19690092766	Rocket investigations of the auroral electrojet Quarterly status report, 1 Apr. - 31 Jul. 1969	1969
19690092767	Quarterly progress report, 1 May - 1 August 1969	1969
19690092779	Apollo Applications Program /AAP/. Man/systems task analysis flights AAP-1/AAP-2. Part 3 - Task analysis, appendix D	1969
19690092790	Learner-Centered Instruction /LCI/. Volume 4 - The Simulated Maintenance Task Environment /SMTE/ - A job specific simulator	1969
19690092799	Evaluation test fast recovery diodes	1969
19690092800	Autopilot servoamplifier package	1969
19690092808	Long term storage of hydrocarbon fuels in coated drums. Part 5 - Final examination of fuels after ten years of storage	1969
19690092809	Metallic positive expulsion diaphragm Monthly progress report, Aug. 1969	1969
19690092816	Evaluation of protective coatings for rocket engines Monthly report, 1-30 Sep. 1969	1969
19690092817	Cryogenic research and development Progress report, period ending 30 Jun. 1969	1969
19690092819	JPL/Caltech summer faculty fellowship program Final report, summer 1969	1969
19690092820	Stress corrosion of metal tanks. Monthly progress report, 15-31 Aug. 1969	1969
19690092821	Study of soil bacterial ecologies in Martian environmental chamber Final report, 23 May 1968 - 31 Aug. 1969	1969
19690092823	Liquid phase reactions of hypergolic propellants Monthly progress report, period ending 30 Sep. 1969	1969
19690092824	Investigation of extendable nozzle concepts Monthly progress letter, 3 Jan. - 2 Feb. 1969	1969
19690092825	New waveguide structures under investigation and experimental studies	1969
19690092826	An investigation of nonlinear interaction phenomena in the ionosphere Semiannual progress report, 1 Dec. 1968 - 1 Jun. 1969	1969
19690092827	Birds Eye 6-68, 18 September - 2 October 1968	1969
19690092828	Birds Eye 5-68, 7-20 August 1968	1969
19690092835	Spectroscopic studies of interstellar grains Quarterly report	1969
19690092836	IMP G Summary technical report, Jul. 1969	1969
19690092837	Substitute acoustic tests Progress report	1969
19690092853	Quarterly compilation of abstracts on completed Test, Experimental, and Development /TED/ projects, 1 Oct. - 31 Dec. 1968 /U/	1969
19690092887	Graphite-fiber composites for ordnance structures	1969
19690092940	NASA's hypersonic research engine project - A review of progress /U/	1969
19690092941	The Inlet Starting Problem for a Mach 4 to 8 Scramjet Research Engine	1969
19690092943	Saturn V AS-504 "D" mission launch vehicle flight system dispersion analysis /U/	1969
19690092966	Force tests of the HT-4 configuration for a hypersonic cruise vehicle /U/	1969
19690093022	Faraday dispersion loss at Jicamarca	1969
19690093037	Thermal Skin fabrication technology program Monthly report, 2 Aug. - 2 Sep. 1969	1969
19690093043	Techniques for ruling improved large diffraction gratings Semiannual report, 1 Mar. - 1 Sep. 1969	1969
19690093044	Research in solar ultraviolet spectroscopy Status report, 1 Apr. 1967 - 30 Jun. 1969	1969
19690093045	Data analysis from the ion mass spectrometer on the Explorer 31 satellite Quarterly technical progress report, Apr. - Jun. 1969	1969
19690093046	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report	1969
19690093047	Fluorine lubricated bearing technology Monthly report, Sep. 1969	1969
19690093048	Quarterly status report	1969
19690093049	Quarterly progress report, 1 May - 31 Jul. 1969	1969
19690093054	Fiber glass supports for cryogenic tanks Monthly report, 1-31 Aug. 1969	1969
19690093055	Minimum pressure loss in high velocity flow duct systems Monthly progress report	1969
19690093056	Planning research in the area of launch vehicle and propulsion programs Progress report, Jun. 1969	1969
19690093057	Advanced spacecraft valve technology Monthly progress report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093060	Quarterly status report, 1 May - 31 Jul. 1969	1969
19690093062	Development and qualification of the MSFC collar swage connector Progress report	1969
19690093064	Monthly progress report no. 31	1969
19690093067	Prelaunch operations with a space storable propellant module Monthly status letter	1969
19690093070	Development of an effective reliable lift-off seal for use in advanced turbomachinery Monthly report, Sep. 1969	1969
19690093071	Analysis of folding strains on composite bladder structures Progress report	1969
19690093075	Reduction and analysis of magnetometer, data from Mariners 4 and 5 Status report, Oct. 1968 - 30 Jun. 1969	1969
19690093078	Evaluation of solitron SDT 7113 transistors	1969
19690093080	Monthly progress report, 1-31 Mar. 1969	1969
19690093086	Automated instrument for replicated assay of ATP Final project report	1969
19690093087	Computation methods and implementation techniques for problems related to navigation, guidance, and control Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19690093090	Lunar Observations Verifier Editor - User's Guide	1969
19690093096	Test and evaluation of the Beseler model 23C. Series 2 - Enlarger Final technical report	1969
19690093108	CK05 capacitor investigation	1969
19690093109	Capacitors, electrolytic, aluminum foil, axial lead, metal case, general instruments 794	1969
19690093112	Test and evaluation of Versa/wash rack washer, model 54102 Final technical report	1969
19690093118	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-30 Sep. 1969	1969
19690093119	Cycle testing of cryogenic expulsion bellows Monthly technical progress report, Sep. 1969	1969
19690093121	Metal tank fracture and design criteria Monthly progress report, 1-30 Sep. 1969	1969
19690093122	Mixing and reaction phenomena of FLOX and propane Monthly progress letter, period ending 27 Sep. 1969	1969
19690093123	Investigation of gas-augmented injectors Monthly progress report for Sep. 1969	1969
19690093124	Space storable regenerative cooling investigation Monthly progress report	1969
19690093125	Space storable oxidizer valve Monthly report, 1 Sep. - 1 Oct. 1969	1969
19690093126	The revised C-E officer career field structure	1969
19690093127	Low speed inducer for a rocket engine feed system Monthly progress report	1969
19690093128	Protective coating system for regeneratively cooled thrust chamber Monthly progress report	1969
19690093129	Electroformed injector fabrication techniques Monthly progress report, 1-30 Sep. 1969	1969
19690093131	Study of inducer load and stress Monthly progress report, 1-30 Sep. 1969	1969
19690093133	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Report period, 1-30 Sep. 1969	1969
19690093136	Lubrication evaluation Final report	1969
19690093158	Test report for dry reed switches	1969
19690093165	LOX NPV control valve formal qualification test - MDAC-WD SCN 1B69030-501	1969
19690093167	Diborane handbook Monthly status letter, 1-30 Sep. 1969	1969
19690093168	Cryogenic alloy screening Monthly progress report, 1-30 Sep. 1969	1969
19690093169	Investigation of properties of high conductivity metals and alloys Monthly progress report, 1 Sep. - 1 Oct. 1969	1969
19690093170	Extend the design criteria for the coaxial pintle injector to higher chamber pressures and to gaseous fuel Monthly progress report, 23 Aug. - 26 Sep. 1969	1969
19690093171	Properties of cryogenically worked materials Monthly progress report, 1-28 Sep. 1969	1969
19690093178	Research study for determination of liquid surface profile in a cryogenic tank during gas injection Quarterly report, 18 Dec. 1968 - 17 Mar. 1969	1969
19690093193	Impeller clearance effects Monthly progress report, period ending 30 Sep. 1969	1969
19690093194	Study of the capabilities of the geodetic satellite altimeter to measure ocean surface characteristics Monthly progress report, 1-30 Sep. 1969	1969
19690093195	Degradation mechanism, hydrocarbon polymer Quarterly status report, period ending 15 Sep. 1969	1969
19690093196	Stress corrosion of metal tanks Monthly progress report, 1-30 Sep. 1969	1969
19690093197	Analysis of data processing systems Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19690093199	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Sep. - 10 Oct. 1969	1969
19690093203	Glass-fiber tubing for cryogenic fluids Monthly progress report, 1-28 Sep. 1969	1969
19690093204	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Aug. - 22 Sep. 1969	1969
19690093209	Chemico-spectral analysis of refined osmium	1969
19690093220	Spacecraft cost research model. Volume 1 - General description	1969
19690093230	Preproduction test under laboratory, simulated environmental and operating life conditions for reactor, filter - Naval Air Systems Command drawing 1563301 Final report, 1 Nov. 1968 - 3 Jan. 1969	1969
19690093232	Preproduction test under laboratory, simulated environmental and operating life conditions for reactor, filter - Naval Air Systems Command drawing 1563300 Final report, 1 Nov. 1968 - 3 Jan. 1969	1969
19690093234	Alternate source qualification for MIS14150/38	1969
19690093237	Technical progress report	1969
19690093238	Propellant utilization electronics package	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093239	Accelerated service test of a J57-P-20A engine with hot section modifications Interim report, 19 Feb. - 28 May 1969	1969
19690093241	Charts of the divergence and the vorticity of the resultant wind-speed over the Indian Ocean	1969
19690093242	FY-65 rocket and launchers investigation program. Analog computer mathematical model Final report, 29 Jun. - 29 Nov. 1965	1969
19690093247	Investigation of thrusters for cryogenic reaction control systems Monthly progress report, 23 Aug. - 26 Sep. 1969	1969
19690093248	Pressure sensing control Monthly report, 1 Sep. - 1 Oct. 1969	1969
19690093249	Space storable thruster investigation Monthly progress report, 27 Aug. - 27 Sep. 1969	1969
19690093250	System analysis of gelled space-storable propellants Monthly progress report, 1-30 Sep. 1969	1969
19690093253	Tripellant engine systems study Monthly progress report, 1-31 Mar. 1969	1969
19690093254	Reactive stream separation photography Monthly progress report, period ending 15 Oct. 1969	1969
19690093255	Cycle testing of filament-wound pressure vessels Monthly progress report, 26 Sep. - 25 Oct. 1969	1969
19690093256	Composite overwrapped metallic tanks Monthly progress report, 26 Sep. - 25 Oct. 1969	1969
19690093259	Investigation of the formation and behavior of clogging material in earth and space storable propellants Monthly progress report, 9 Aug. - 9 Sep. 1969	1969
19690093260	Liquid phase reactions of hypergolic propellants Quarterly progress report, period ending 31 Aug. 1969	1969
19690093265	Laminate testing report	1969
19690093278	Research on satellite electrical power conversion systems and circuit protection Semiannual status report	1969
19690093279	Development and experimental investigation of bellows concepts for cryogenic seal application Monthly report, 1-31 Sep. 1969	1969
19690093280	Thrust chambers for space storables Monthly progress report, 1 Sep. - 1 Oct. 1969	1969
19690093281	Investigation of extendable nozzle concepts, phase 1 Monthly progress letter, 1 Jul. - 31 Oct. 1969	1969
19690093286	Lithium-fluorine-hydrogen propellant investigation Monthly progress report, 31 Aug. - 27 Sep. 1969	1969
19690093287	Fluid dynamic aspects of cardiovascular behavior during vibration Quarterly progress report	1969
19690093288	Investigation and study of transient heat transfer Progress report, Sep. 1969	1969
19690093290	Thermal Skin fabrication technology program Monthly report, 2 Sep. - 2 Oct. 1969	1969
19690093298	Space storable regenerative cooling investigation Monthly progress report, 1-31 Sep. 1969	1969
19690093302	Precision constants of the cyanogen red system with a perturbation analysis	1969
19690093305	Flox-biborane technology Informal monthly status letter, 16 Jan. - 15 Feb. 1969	1969
19690093306	Development of advanced materials for integrated tank insulation system for the long term storage of cryogens in space Quarterly progress report, January, February, March, 1969	1969
19690093308	Far infrared rocket astronomy Progress report, 1 Jun. - 31 Aug. 1969	1969
19690093309	Quarterly report, 28 Jun. - 27 Sep. 1969	1969
19690093312	Radiation effects on liquid propellants	1969
19690093313	Radiation effects on liquid propellants	1969
19690093314	Prelaunch operations with a space storable propellant module Monthly status letter	1969
19690093315	Shock wave and boundary layer formation on a flat plate in rarefied hypersonic flow Monthly progress report, 26 Jul. - 26 Aug. 1969	1969
19690093316	Semiannual review of research and advanced development. Volume 2 - /OART/ Report period, 1 Jan - 30 Jun. 1969	1969
19690093321	Lightweight modular multilayer insulation Progress report, 1-31 Jul. 1969	1969
19690093322	Electrochemical systems heat and mass transfer Quarterly progress report, 5 Dec. 1968 - 5 Mar. 1969	1969
19690093323	Continued study of a small solar probe /Sunblazer/ Final report	1969
19690093324	Phase 2 - HEUS motor Quarterly status report, 23 Jun. - 22 Sep. 1969	1969
19690093326	An investigation of the influence of controlled turbulence on gaseous discharges Monthly progress report, 12 Apr. - 11 May 1969	1969
19690093327	Supersonic jet exhaust noise Monthly progress report	1969
19690093328	Study of fluidic whistles as temperature sensors Progress report	1969
19690093329	Shock wave and boundary layer formation on a flat plate in rarefied hypersonic flow Monthly progress report, 26 Jan. - 26 Feb. 1969	1969
19690093330	Supersonic jet exhaust noise Monthly progress report, 26 Jan. - 26 Feb. 1969	1969
19690093332	Study of inducer load and stress Monthly progress report, 1-31 Jul. 1969	1969
19690093333	Effect of distributed energy release on rocket engine performance Monthly status report, 15 Sep. - 14 Oct. 1969	1969
19690093334	Phase 2 - HEUS motor Quarterly status report, 23 Dec. 1968 - 22 Mar. 1969	1969
19690093346	Phase 2 HEUS motor Quarterly status report, 23 Mar. - 22 Aug. 1969	1969
19690093353	Tridyne attitude control thruster investigation Quarterly status letter, period ending 30 Sep. 1969	1969
19690093354	System analysis of gelled space-storable propellants Quarterly progress report, 17 Jun. - 31 Aug. 1969	1969
19690093355	Thrust chambers for space storables Monthly progress report, 1 Jul. - 1 Aug. 1969	1969
19690093356	Feasibility of performing biomedical analysis under space flight conditions Progress report, 23 Jul. - 23 Aug. 1969	1969
19690093362	Evaluation of Dickson Electronics Corporation JAN-1-N3022-B, JAN-1-N3038-B, JAN-1-N3044-B	1969
19690093367	Relay, armature-DPDT, 10-amp, non-latching	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093373	Component evaluation test for second source on relays, 1 to 5 amps, hermetically sealed, 1 to 30 v dc, latching DPDT	1969
19690093378	Investigation of the formation and behavior of clogging material in earth and space storable propellants Quarterly progress report	1969
19690093381	Evaluation of General Electric A28-FR44 - Rectifiers to General Electric drawing 7531067	1969
19690093383	Test report for RCL switches	1969
19690093390	Experimental and analytical studies of reflecting shock waves in a real gas Semiannual progress report, 1 Feb - 31 Jul. 1969	1969
19690093393	Thermal Skin fabrication technology program Monthly report, 2 Jul. - 2 Aug. 1969	1969
19690093394	Study of structural behavior of thin films Bimonthly report, 1 Jul. - 17 Sep. 1969	1969
19690093395	Applications of control theory Informal quarterly status report	1969
19690093396	NASA Space Shuttle Summary Report for 19 May 1969	1969
19690093399	Failure analysis of semiconductors from Polaris system, 1 January 1969	1969
19690093400	Component evaluation test for second source on relay, 1 to 5 amps, hermetically sealed, 1 to 30 v dc, sensitive, DPDT	1969
19690093401	Qualification testing of switching diode for the wooden round missile	1969
19690093402	Qualification of Dale resistor 7531126	1969
19690093403	Total energy distribution measurements of field emitted electrons Progress report, 15 Nov. 1968 - 15 Feb. 1969	1969
19690093412	Phase 2 HEUS motor Quarterly status report, 23 Sep. - 22 Dec. 1968	1969
19690093413	OF sub 2/diborane technology vacuum ignition, phase 2 Quarterly status report, 15 Apr. - 14 Jul. 1969	1969
19690093414	OF sub 2/diborane technology vacuum ignition, phase 2 Monthly status report, 15 Jul. - 14 Aug. 1969	1969
19690093415	Space storable inter-regen design study Monthly progress report, 1 Jul. - 25 Jul. 1969	1969
19690093429	Boron-epoxy rudder program Final report	1969
19690093434	Space storable inter-regen design study Monthly progress report, 23 Aug. - 26 Sep. 1969	1969
19690093435	Planetary explorer summary description	1969
19690093436	Optimization of life support systems and their systems reliability Quarterly report, 1 Jun. - 31 Aug. 1969	1969
19690093437	Radiation effects on liquid propellants Quarterly report	1969
19690093440	Combined systems test /VAB/	1969
19690093441	Preparation for hypergolic and gaseous helium loading	1969
19690093442	Independent respiratory support system program Progress report for Sep. 1969	1969
19690093458	Fairchild flat pack metalization effect on EASEP	1969
19690093459	Evaluation of the microswitch 1 HM1	1969
19690093460	Test report for Grayhill switches	1969
19690093466	Combine system test /VAB/	1969
19690093468	Mariner Mars 1971 Infrared Interferometer Spectrometer /MM 1971 IRIS/ design study Final report	1969
19690093469	LOFT - Low-Frequency Telescope experimental definition study and model testing Quarterly report, 1 Sep. 1968 - 28 Feb. 1969	1969
19690093494	Aircraft Afterbody and Exhaust Nozzle Interaction	1969
19690093507	Combined systems test /VAB/ - Lunar module	1969
19690093508	Facility measuring and hazards monitoring support of chamber "E" altitude runs /MSOB/	1969
19690093512	Low-frequency telescope experimental definition study and model testing Quarterly report, 1 Mar. - 30 Apr. 1969	1969
19690093514	Development test, tank shell assembly, APS bladder explosion. MDAC-WD P/N 1 B39468-503 and -504	1969
19690093515	Considerations of the system/equipment reliability-demonstration problem	1969
19690093521	Quantitative and qualitative analysis of amino acid mixtures by means of gas chromatography Final report	1969
19690093522	Design, fabrication, development and test of a 0 to 4 MHz video recorder/reproducer Quarterly report, 17 Dec. 1968 - 1 Apr. 1969	1969
19690093523	Imaging p-n junction photocathode Final technical report, Feb. 1966 - Mar. 1969	1969
19690093527	Qualification tests of three pairs of wire-wrap connectors	1969
19690093529	Design and development of diborane shipping container Quarterly letter report, 7 Feb. - 6 May 1969	1969
19690093534	Prelaunch operations with a space storable propellant module Monthly status letter	1969
19690093535	Translations on French nuclear, missile, space, and related military developments	1969
19690093537	Photochromic materials research for optical display Final report, phase 1, 1 May 1968 - 30 Apr. 1969	1969
19690093538	Electron-proton spectrometer Quarterly report, 21 May - 1 Aug. 1969	1969
19690093541	Effect of length of terrain slope on LM descent viewing angle	1969
19690093548	Nimbus D preliminary data utilization plan Technical report	1969
19690093549	Independent reliability assessment of the Tiros-M spacecraft Final report	1969
19690093555	Programmer's manual for mission analysis computer program /ASCENT/	1969
19690093557	J-2 sustaining engineering program Final report, 1 Jan. 1966 - 31 Dec. 1968	1969
19690093560	Translations on French nuclear, missile, space, and related military developments	1969
19690093565	Tire structural design improvement Final technical report, 5 May 1964 - 7 Aug. 1967	1969
19690093569	Booster, servocylinder assembly	1969
19690093571	C3 reliability verification test procedure, part number 2760137-1	1969
19690093574	Camera shutter position indicator for oscilloscopes	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093575	Liquid-oxygen, tank pressure regulator	1969
19690093576	C3 reliability verification test procedure, part number 2760137-1	1969
19690093577	Report of tests for qualification of encoders	1969
19690093578	Study of prelaunch operations with a space storable propellant module Interim report	1969
19690093581	Translations on French nuclear, missile, space, and related military developments	1969
19690093590	Study of the capabilities of the geodetic satellite altimeter to measure ocean-surface characteristics Monthly progress letter, 1-31 Oct. 1969	1969
19690093591	Applications technology satellite gravity- gradient stabilization system Quarterly progress report, 1 May - 31 Jul. 1969	1969
19690093592	User's manual for mission analysis computer program /ASCENT/	1969
19690093602	Reliability verification test for electrical connectors used on the Poseidon missile program	1969
19690093613	Centaur servovalve	1969
19690093616	Saturn 5 S-4B final propulsion system performance prediction, flight AS-503, volume 3	1969
19690093630	Liquid phase reactions of hypergolic propellants Monthly progress report, period ending 31 Oct. 1969	1969
19690093631	Phase 2 HEUS motor Monthly letter report, Oct. 1969	1969
19690093632	Stability characterization of advanced injectors Progress report, 1 Oct. - 1 Nov. 1969	1969
19690093633	Quarterly progress report for period ending 30 September 1969	1969
19690093634	ATS-F low energy electron-proton experiment Quarterly report, 1 May - 1 Aug. 1969	1969
19690093639	Monthly progress report, 1-31 Jul. 1969	1969
19690093640	Cryogenic alloy screening Monthly progress report, 1-31 Oct. 1969	1969
19690093641	Investigation of space storable propellant acquisition device Quarterly report, 24 Jul. - 31 Oct. 1969	1969
19690093642	System analysis of gelled space-storable propellants Monthly progress report, 1-31 Oct. 1969	1969
19690093643	Properties of cryogenically worked materials Monthly progress report, 29 Sep. - 26 Oct. 1969	1969
19690093644	Study of bipropellant shut-off valves Monthly report, 1 Oct. - 1 Nov. 1969	1969
19690093654	Fluorine lubricated bearing technology Monthly report, Oct. 1969	1969
19690093659	Purge box solenoid valve	1969
19690093674	Saturn 5 launch vehicle flight dynamics analysis, AS-505	1969
19690093679	Communication technique studies for the data relay satellite system Final report	1969
19690093680	The influence of temperature on fatigue-crack growth Quarterly status report, 1 Jul. - 30 Sep. 1969	1969
19690093687	Report of test on 09-00459 miniductor	1969
19690093697	Analysis of folding strains on composite bladder structures Progress report	1969
19690093698	Tridyne attitude control thruster investigation Monthly status letter, period ending 31 Oct. 1969	1969
19690093709	Investigation of properties of high conductivity metals and alloys Monthly progress report, 1 Oct. - 1 Nov. 1969	1969
19690093710	Glass-fiber tubing for cryogenic fluids Monthly progress report, 29 Sep. - 26 Oct. 1969	1969
19690093711	Experimental study of low-density nozzle flows Monthly status letter, 1-31 Oct. 1969	1969
19690093712	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process, reporting period, 1-31 Oct. 1969	1969
19690093715	Supersonic jet exhaust noise Monthly progress report	1969
19690093718	Investigation of the formation and behavior of clogging material in earth and space storable propellants Quarterly progress report, 9 May - 9 Aug. 1969	1969
19690093721	Mission Control Center	1969
19690093722	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Sep. - 19 Oct. 1969	1969
19690093734	Slush and subcooled methane characterization Progress report	1969
19690093735	Status report, 1 June - 31 August 1969	1969
19690093737	Quarterly progress report, 1 July - 30 September 1969	1969
19690093738	Research in photochemistry and enzymology of photosynthesis Quarterly status report, 5 Jun. - 6 Oct. 1969	1969
19690093742	Monthly progress report, 1-30 Sep. 1969	1969
19690093743	Monthly progress report, 1-31 Aug. 1969	1969
19690093744	Study of numerical methodology for dynamic buckling of shell structures Quarterly progress report, Jun. - Aug. 1969	1969
19690093745	A study of optimum methods for preparing aluminum surfaces for welding Final report, 13 Jul. 1968 - 13 Jul. 1969	1969
19690093746	Investigation of the Ignition and Burning of Materials in Space Cabin Atmospheres	1969
19690093747	Heat pipe technology for advanced rocket thrust chambers Informal monthly status letter for Oct. 1969	1969
19690093748	Minimum pressure loss in high velocity flow duct systems	1969
19690093749	Analysis of folding strains on composite bladder structures Quarterly progress report, 31 May - 31 Aug. 1969	1969
19690093750	Mixing and reaction phenomena of FLOX and propane Monthly progress letter, period ending 27 Oct. 1969	1969
19690093752	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report	1969
19690093753	Study of inducer load and stress Monthly progress report, 1-31 Oct. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093754	Electroformed injector fabrication techniques Monthly progress report, 1-31 Oct. 1969	1969
19690093755	Impeller clearance effects Monthly progress report, period ending 31 Oct. 1969	1969
19690093756	Low speed inducer for a rocket engine feed system Monthly progress report	1969
19690093757	Hypervelocity impact tests for Langley Research Center - NASA	1969
19690093758	Investigation and study of transient heat transfer Progress report, Oct. 1969	1969
19690093759	Cryogenic positive expulsion diaphragm Monthly progress report, 1-31 Oct. 1969	1969
19690093760	Space storable regenerative cooling investigation Monthly progress report, 1-30 Oct. 1969	1969
19690093762	Space storable regenerative cooling investigation Monthly progress report	1969
19690093763	Cycle testing of cryogenic expulsion bellows Monthly technical progress narrative no. 5, Oct. 1969	1969
19690093764	A study of the mechanism of chemical reactivity of nitrogen tetroxide with titanium alloys Monthly progress report, 25 Aug. - 24 Sep. 1969	1969
19690093765	Development of conformal coating material reporting period, 1 Jun. - 31 Aug. 1969	1969
19690093766	Study of space station propulsion system resupply and repair Monthly progress report, 1 Oct. - 1 Nov. 1969	1969
19690093768	Advanced engine aerospike experimental investigation performance program Monthly status report, Dec. 1968	1969
19690093772	Suppression of combustion oscillations with mechanical damping devices Monthly status report, 1-31 Oct. 1969	1969
19690093775	Further development, evaluation, and delivery of a fast neutron spectrometer	1969
19690093776	Monthly letter report	1969
19690093787	Study of highly fluorinated heterocyclic polymers for cryogenic bladder application Quarterly letter report no. 4, 15 Jul. - 15 Oct. 1969	1969
19690093800	Flight feeding systems design and evaluation Annual report, 1 Oct. 1968 - 30 Sep. 1969	1969
19690093802	ESTL PM telemetry. Phase 3 - Test accuracy analysis	1969
19690093806	Research in the development of an improved multiplier phototube Quarterly report	1969
19690093807	Simulation of the stress environment of a rocket-borne animal centrifuge	1969
19690093808	Investigation of gas-augmented injectors Monthly progress report, 1-31 Oct. 1969	1969
19690093809	Monthly letter report, 18 October - 14 November 1969	1969
19690093810	Study of the decay and recovery of orbiting artificial space objects Quarterly progress report, 1 May - 31 Jul. 1969	1969
19690093812	Conduct research on the effects of very strong magnetic fields and of magnetic field-free environments on man and animals Progress report, 1 Aug. - 31 Oct. 1969	1969
19690093813	Operation of the Lunar Science Institute Interim report, 1 Apr. - 30 Jun. 1969	1969
19690093814	Space storable thruster investigation Monthly progress report, 27 Sep. - 27 Oct. 1969	1969
19690093817	Investigation of advanced regenerative thrust chamber designs Monthly report, 16 Oct. - 16 Nov. 1969	1969
19690093819	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Oct. - 10 Nov. 1969	1969
19690093820	Low cost turbopumps study Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19690093822	Vibration population distribution in expanding flows Quarterly report, 1 Jun. - 31 Aug. 1969	1969
19690093823	Quarterly status report no. 18, 1 July - 30 September 1969	1969
19690093827	Studies of the pulmonary circulation Semiannual report, 1 May - 31 Oct. 1969	1969
19690093829	Composite overwrapped metallic tanks Monthly progress report, 26 Oct. - 25 Nov. 1969	1969
19690093830	Development of an effective reliable lift-off seal for use in advanced turbomachinery Monthly report, Oct. 1969	1969
19690093831	On the presence of low energy protons /5 less than or equal to E less than or equal to 50 keV/ in the interplanetary medium	1969
19690093832	Thrust chambers for space storables Monthly progress report, 1 Oct. - 1 Nov. 1969	1969
19690093833	Hydrogen maser research Technical report, 1 Feb. 1968 - 31 May 1969	1969
19690093834	Protective coating system for a regeneratively cooled thrust chamber	1969
19690093836	AAP data relay terminal design study Progress report	1969
19690093839	R and D quarterly, volume 1 Progress report, 1 Jul. - 30 Sep. 1969	1969
19690093840	Quarterly progress report /ART/SRT/, volume 2	1969
19690093841	Quarterly progress report /ART/SRT/, volume 3	1969
19690093842	Quarterly progress report /ART/SRT/, volume 4	1969
19690093843	Quarterly progress report /ART/SRT/, volume 5	1969
19690093844	Thermal skin. Fabrication technology program Monthly report, 2 Oct. - 2 Nov. 1969	1969
19690093845	Design of inducers for two-phase operation Monthly progress report	1969
19690093846	Metallic positive expulsion diaphragm Monthly progress report	1969
19690093847	Regeneratively cooled graphite-lined thrust chamber Monthly progress report, 9-26 Oct. 1969	1969
19690093849	Supporting research and technology - OART, OMSF, OSSA and OTDA, volume 2 Progress summaries, 16 Aug. 1968 - 1 Jul. 1969	1969
19690093850	Supporting research and technology - OART, OMSF, OSSA and OTDA, volume 3 Progress summaries, 16 Aug. 1968 - 1 Jul. 1969	1969
19690093851	Supporting research and technology - OART, OMSF, OSSA and OTDA, volume 7 Progress summaries, 16 Aug. 1968 - 1 Jul. 1969	1969
19690093854	Quarterly progress report, July - September 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690093856	An investigation of the performance of Langmuir probes in the ionosphere Final report	1969
19690093857	Quarterly status report, 1 July - 30 September 1969	1969
19690093861	Balloon project Progress report, May - Oct. 1969	1969
19690093866	Maar volcanoes Progress report	1969
19690093877	Supporting research and technology - OART, OMSF, OSSA and OTDA, volume 4 Progress summaries, 16 Aug. 1968 - 1 Jul. 1969	1969
19690093879	Supporting research and technology - OART, OMSF, OSSA and OTDA, volume 6 Progress summaries, 16 Aug. 1968 - 1 Jul. 1969	1969
19690093884	Launch vehicle estimating factors	1969
19690093885	A computer program for time-domain analysis of nonlinear systems, compatible with the NASAP program Final report	1969
19690093886	Quarterly report, 1 Jun. - 31 Aug. 1969	1969
19690093897	Shock wave and boundary layer formation on a flat plate in rarefied hypersonic flow Monthly progress report, 26 Oct. - 26 Nov. 1969	1969
19690093898	Feasibility of performing biomedical analysis under spaceflight conditions Progress report, period ending 23 Nov. 1969	1969
19690093900	Two ampere, two PDT, general purpose relay, repeat qualification test, MDAC-WD P/N 1A66899-505	1969
19690093903	The attenuation of radiant energy in hot seeded hydrogen - An experimental study related to the gaseous core nuclear rocket Final report, 1 Sep. 1968 - 31 Aug. 1969	1969
19690093904	The 1969 report of accident/injury statistics and mishap recapitulation	1969
19690093905	Cavitation similarity studies at cryogenic temperatures with cryogenic liquids Monthly progress report, Oct. 1969	1969
19690093906	Supersonic jet exhaust noise Monthly progress report, 26 Oct. - 26 Nov. 1969	1969
19690093907	Heat pipe technology for advanced rocket thrust chambers Monthly status report, 1-30 Nov. 1969	1969
19690093908	Advanced injector concepts investigation Informal monthly progress report, 1-31 Oct. 1969	1969
19690093910	Case study of Saturn IB/5 instrument unit	1969
19690093911	Lightweight modular multilayer insulation Progress report, 1-31 Oct. 1969	1969
19690093942	Establishment of localized buffeting loads of the Saturn 5 vehicle Annual report, 29 Jun. 1968 - 29 Jun. 1969	1969
19690093945	Supporting research and technology - OART, OMSF, OSSA and OTDA, volume 1 Progress summaries, 1 Aug. 1968 - 1 Jul. 1969	1969
19690093947	Status report	1969
19690093948	Independent tracking coordination program summary and report of activities Progress report, 1 Jan. - 30 Sep. 1969	1969
19690093950	Saturn 5 Flight Manual	1969
19690093951	Supporting research and technology - OART, OMSF, OSSA and OTDA, volume 8 Progress summaries, 16 Aug. 1968 - 1 Jul. 1969	1969
19690093952	Elemental abundances in meteoritic and terrestrial matter Annual progress report, 1 May - 31 Aug. 1969	1969
19690093957	The study of problems relating to the precise determination of attitude of a spin stabilized spacecraft	1969
19690093958	Spectral reflectance of planetary surfaces Technical report, 1 Sep. 1968 - 30 Aug. 1969	1969
19690093967	Degradation mechanism, hydrocarbon polymer Monthly status report for period ending 15 Nov. 1969	1969
19690093986	Advanced pyrolytic spacecraft thrust chamber materials Monthly letter progress report, 23 Mar. - 22 Nov. 1969	1969
19690094008	OF-2/diborane technology vacuum ignition, phase 2 Monthly status report, 15 Oct. - 14 Nov. 1969	1969
19690094009	Propulsive re-entry aerodynamics - Rocket plume in counterflow Monthly letter report	1969
19690094010	Investigation of extendable nozzle concepts, phase 2 Monthly progress letter, 1-30 Nov. 1969	1969
19690094011	Radiation effects on the drift mobility and diffusion constant in germanium	1969
19690094012	Electron-proton spectrometer Quarterly report, 1 Aug. - 31 Oct. 1969	1969
19690094013	Investigation of space storable propellant acquisition devices Monthly letter report, 1-30 Nov. 1969	1969
19690094014	Prelaunch operations with a space storable propellant module Monthly status letter	1969
19690094015	Study of a spherical annular boom damper Final report	1969
19690094016	Study of the capabilities of the geodetic satellite altimeter to measure ocean surface characteristics Monthly progress letter, 1-30 Nov. 1969	1969
19690094017	Properties of cryogenically worked materials Monthly progress report, 26 Oct. - 29 Nov. 1969	1969
19690094019	Reflectometer experiment Monthly post-launch report no. 22	1969
19690094020	Performance analysis system for S3 and SAS Quarterly report, 10 Jul. - 10 Oct. 1969	1969
19690094021	Sun sensor for Nimbus spacecraft Final engineering report	1969
19690094022	Chemical origin of the Venusian clouds Interim report, 1 Jul. - 30 Oct. 1969	1969
19690094023	Physiological correlates of optimal performance Semiannual status report, 1 Mar. - 31 Oct. 1969	1969
19690094024	Qualification test on NAVORD drawing 2316698, capacitors	1969
19690094026	Evaluation of materials for hybrid circuit encapsulation	1969
19690094035	Investigation of near-critical vortex flows Quarterly status report, 1 Aug. - 31 Oct. 1969	1969
19690094036	Infrared spectrometry studies, phase 2 Final report, 1 Apr. 1968 - 31 Mar. 1969	1969
19690094037	Biological activity of lunar soil Final report, 1 Nov. 1968 - 31 Oct. 1969	1969
19690094038	Theoretical research in heterogeneous combustion Quarterly progress report, 1 Jul. - 1 Oct. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19690094039	Research in space related areas in engineering and applied science	1969
19690094040	Regeneratively cooled graphite-liner thrust chamber Monthly report, 1-28 Nov. 1969	1969
19690094041	Monthly letter report, November 1969	1969
19690094045	Qualification test report for brushless dc motors	1969
19690094046	Alternate source qualification on resistors, variable, plastic, precision, single turn, trigonometric	1969
19690094049	Ten-ampere, 2PDT, magnetic latch relay /RQ-AP13/ repeat qualification test MDAC- WD P/N 1B66897-505	1969
19690094059	Study of space station propulsion system resupply and repair Monthly progress report, 1 Nov. - 1 Dec. 1969	1969
19690094067	Study of surface pressure distribution induced on bodies of revolution by a subsonic cold air jet exhausting normal to the surface and into a subsonic free stream Quarterly status report, 1 Aug. - 31 Oct. 1969	1969
19690094068	Saturn 5 launch vehicle - Flight evaluation report AS-504, Apollo 9 mission	1969
19690094074	An investigation of diffraction by planetary atmospheres Quarterly status report, 1 Jul. - 30 Sep. 1969	1969
19690094078	Apollo/Saturn 5 Launch Complex 39 operations and maintenance	1969
19690094080	Stress corrosion of metal tanks Monthly progress report, 1-31 Oct. 1969	1969
19690094086	Berfax. New color-printing process	1969
19690094091	Analysis of limited memory estimators and their application to spacecraft attitude determination	1969
19690094119	[No Title]	1969
19690094120	[No Title]	1969
19690094145	Saturn 5 launch vehicle - Flight evaluation report AS-505, Apollo 10 mission	1969
19690094148	Nonlinear effects on sonic boom intensity progress report, 15 Aug. 1968 - 15 Feb. 1969	1969
19690094149	Development of beryllium honeycomb sandwich composite for structural and other related applications Quarterly progress report, 1 Feb. - 30 Apr. 1969	1969
19700000708	The Development of a Transfer Function Between Aortic Blood Flow and the First Derivative of the Thoracic Impedance	1969
19700000717	Evaluation of Impedance Cardiographic Techniques for Measuring Relative Changes in Cardiac Output by Simultaneous Comparison with Indicator Dilution and Electromagnetic Flowmeter	1969
19700000795	French research on turbojet noise	1969
19700000796	Biological effect of low magnetic field environments	1969
19700000799	Survey of the ground effect of V/STOL aircrafts with jet propulsion - Report of literature	1969
19700000889	Emission spectroscopy with laser excitation	1969
19700000958	The irradiation effect on ceramic materials	1969
19700001054	Role and significance of the new stage of cooperation among Warsaw Pact nations in the field of scientific and technical information	1969
19700001055	Holography and cine-holography of rapidly occurring processes	1969
19700001060	Measurement of heat transfer in rocket engines. Part 2 - Results and comparison with theoretical computations	1969
19700001123	Thoughts on compressible turbulent boundary layers	1969
19700001124	Calculation of incompressible turbulent boundary layers - A review of the AFOSR- IFP-Stanford 1968 conference	1969
19700001125	A method of calculating compressible turbulent boundary layers	1969
19700001126	Analysis of some simplified models of turbulence	1969
19700001127	On the applicability of transformation theory to variable property turbulent boundary layers with pressure gradient and heat and mass transfer	1969
19700001128	An assessment of certain procedures for computing the compressible turbulent boundary layer development	1969
19700001129	Calculation of turbulent shear flows through closure of the Reynolds equations by invariant modeling	1969
19700001130	Hypersonic turbulent boundary-layer measurements using an electron beam	1969
19700001131	Comments on hypersonic turbulent boundary- layer measurements using an electron beam	1969
19700001132	Summary and correlation of skin-friction and heat-transfer data for a hypersonic turbulent boundary layer on simple shapes	1969
19700001133	Comparison of prediction methods and studies of relaxation in hypersonic turbulent nozzle- wall boundary layers	1969
19700001134	A comment on comparison of prediction methods and studies of relaxation in hypersonic turbulent boundary layers	1969
19700001135	Crosshatching	1969
19700001136	Recent applications of the method of integral relations to turbulent boundary layers with heat transfer and pressure gradients	1969
19700001137	Some recent work on compressible turbulent boundary layers and excrescence drag	1969
19700001138	Downstream effects of boundary-layer trips in hypersonic flow	1969
19700001139	Measurements of turbulent heat transfer on cones and swept plates at angle of attack	1969
19700001140	A note on the effect of Reynolds number on the heating over the lee surface of a delta wing at Mach 6	1969
19700001141	Boundary layer and starting problems on a short axisymmetric scramjet inlet	1969
19700001142	Studies of the interaction of a turbulent boundary layer and a shock wave at Mach numbers between 2 and 10	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700001264	Spectroscopic analysis with the laser microprobe	1969
19700001296	Influence of the blade tip clearance of an axial flow compressor on its parameters	1969
19700001297	Significance of anisotropy and homogeneity for the determination of the elasticity of blood vessels	1969
19700001298	Chromatography of peptides	1969
19700001383	Anomalous streaming of cosmic rays	1969
19700001535	A review of line-of-sight propagation studies of the small-scale structure of the atmosphere	1969
19700001587	Some aspects of neurol logic	1969
19700001929	Tungsten hexafluoride	1969
19700001974	The reactivity of sodium chlorate	1969
19700002090	Combustion of certain organic perchlorates	1969
19700002091	Sintering and hot pressing of nonoxide refractory compounds, borides, carbides, nitrates and silicides	1969
19700002200	Effect of the air intake of a lifting engine on the aerodynamic characteristics of a wing	1969
19700002202	Report on recent research on nonlinear oscillations	1969
19700002268	Molybdenum hexafluoride MoF6	1969
19700002269	Spectrum of aluminum plasma excited by laser radiation	1969
19700002270	Comparison of the possibilities for eliminating the effects of third elements with pulsed discharges and lasers	1969
19700002447	Problems of Wave Diffraction and Propagation, No. 7	1969
19700002448	Asymptotics of solutions to linear systems of ordinary differential equations with a large parameter in the presence of reversal points	1969
19700002449	Propagation of electromagnetic waves in planes and spherical impedance waveguides. Part 1 - Construction of the solution	1969
19700002450	Propagation of electromagnetic waves in plane and spherical impedance waveguides. Part 2 - Propagation of electromagnetic waves in a plane impedance waveguide	1969
19700002451	Finding complex eigenvalues of some boundary- value problems by the method of analytical extension of functions with a real axis onto the complex range of the argument. Applying the method to problems of super-long wave propagation, with a consideration of the earth's magnetic field	1969
19700002452	A solution to a wave equation in a spherical system of coordinates	1969
19700002453	Diffraction of a plane electromagnetic wave on an impedance sphere with radius changing in time	1969
19700002454	Diffraction of an electromagnetic field on an unbounded hollow cylinder in a conducting half-space	1969
19700002455	Diffraction of an electromagnetic wave on a hollow spherical discontinuity in a conducting half-space	1969
19700002456	Some formulas for short wave asymptotics in the three-dimensional problem of diffraction on smooth convex bodies	1969
19700002457	Effect of a steplike discontinuity on a field in a plane waveguide	1969
19700002458	The propagation of long radio waves and the nonhomogeneous ionosphere	1969
19700002459	Taking account of the nonuniformity of the ionosphere in the problem of super-long wave propagation in the waveguide channel earth- ionosphere	1969
19700002460	The reflection of a "bell" pulse from a symmetrical Epstein medium	1969
19700002461	Perturbation of electromagnetic fields by moving bodies	1969
19700002462	Errors in determining the characteristics of superlong-wave propagation by the method of harmonic analysis of the forms of atmospheric	1969
19700002463	Experimental study of the dipole and current moments of lightning discharges. Part 1 - Methods of studying a dipole model of emission sources	1969
19700002476	Physics of Aerodynamic Noise	1969
19700002486	The Frequency Spectrum of the Noise of a Supersonic Jet	1969
19700002487	The Discrete Component of the Frequency Spectrum of the Noise of a Free Supersonic Jet	1969
19700002674	Light scattering in the atmosphere, part 2	1969
19700002813	Theory of inertial navigation - Aided systems	1969
19700002918	Space programs summary no. 37-58, volume 2 for the period 1 May to 30 June 1969. Deep space network	1969
19700002970	Behavior patterns of artificial ion clouds in the ionosphere and the magnetosphere	1969
19700003198	New measurement techniques in studying the effect of superhigh frequency fields in biological subjects	1969
19700003358	Simulation of complex systems	1969
19700003404	Certain characteristics of the use of laser spectra in a monopulsed system for analysis	1969
19700003457	Effects of prolonged isothermal treatment on the properties of ZrO sub 2 refractory material	1969
19700003462	The stability and catalytic activity of copper complexes of some peptides	1969
19700003463	Possibilities for using lasers in the monopulse mode for spectral analysis	1969
19700003464	Thermal stability of refractory ceramic materials in a high temperature gas flow	1969
19700003465	Flight tests with a gust alleviation device - Design analysis	1969
19700003466	Thermal conductivity in the case of a finite heat propagation rate	1969
19700003544	The ionization instability of plasma with hot electrons	1969
19700003596	Geometrical geodesy with satellites - Statement on the 6th plan	1969
19700003908	Respiration and mineral nutrition of hypothetical Martian organisms and other problems in Martian biology	1969
19700004193	Optical investigations of metal particles from nozzle flow into a vacuum	1969
19700004195	Functions and distributions of a single real variable. Applications to the Laplace and Fourier transforms	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700004316	Variation of man's plasma volume during immersion in a thermo-inert water bath	1969
19700004598	NASA acoustics research	1969
19700004599	Program scope and definitions	1969
19700004600	Introduction to McDonnell-Douglas program	1969
19700004601	Performance and operations of the DC-8-55 airplane with acoustically treated nacelles	1969
19700004602	Flyover noise levels of DC-8-55 airplanes with acoustically treated nacelles	1969
19700004603	Economic implications of retrofitting short-duct DC-8 airplanes with acoustically treated nacelles	1969
19700004604	Introduction to the Boeing program	1969
19700004605	Performance of the 707-320B airplane with acoustically treated nacelles	1969
19700004606	Acoustic results of 707-320B airplanes with acoustically treated nacelles	1969
19700004607	Economic implications of retrofitting 707-320B airplanes with acoustically treated nacelles	1969
19700004608	Studies of atmospheric attenuation of noise	1969
19700004609	Techniques used in McDonnell-Douglas subjective noise-rating studies	1969
19700004610	Techniques used in Boeing subjective noise-rating studies	1969
19700004611	NASA acoustically treated nacelle program results	1969
19700004850	One-electron and Phonon-assisted Tunneling in N-ge Schottky Barriers	1969
19700004891	Utilization of an aircraft as a means of measuring the statistical distribution of turbulence	1969
19700004912	Energy distribution in the beam of an electron gun with a single-crystal spherical cathode. A - Influences in the acceleration regions	1969
19700004914	On the Relation Between Local Skin Friction Coefficients of Turbulent Boundary Layers in Compressible and Incompressible Flow	1969
19700004931	Space programs summary no. 37-59, volume 1 for the period 1 July - 31 August 1969. Flight projects	1969
19700004951	The functional state of the kidneys in workers exposed to the prolonged action of chlororganic chemical poisons	1969
19700004952	The Guiana Space Center	1969
19700004963	Calculation of the motion of a low-thrust spacecraft	1969
19700004981	Photography of a satellite reflecting laser beams	1969
19700005103	Treatment of Doppler data in semi-dynamical geodesy	1969
19700005289	Studies of mixing in ducted fanjet engines	1969
19700005518	General order of operations 6/69 for geodetic program Prepeole	1969
19700005573	A model for human controller remnant	1969
19700005574	The human as an optimal controller and information processor	1969
19700005575	Mean square estimation of human pilot transfer functions	1969
19700005576	Multimodality pilot model for visual and motion cues	1969
19700005577	Synthesis of human response in closed-loop tracking tasks	1969
19700005578	Application of a systems analysis theory for manual control displays to aircraft instrument landing	1969
19700005579	An analysis of pilot adaptation in a simulated multiloop VTOL hovering task	1969
19700005580	Measurement of pilot describing functions from flight test data with an example from Gemini 10	1969
19700005581	Models for steering control of motor vehicles	1969
19700005582	Man-machine models for car steering	1969
19700005583	Human information processing rates during certain multiaxis tracking tasks with a concurrent auditory task	1969
19700005584	Prediction and decision making in manual control	1969
19700005585	The effect of psychological stress on decision processes in a tracking task	1969
19700005586	Predictive compensation in time-delay manual control systems	1969
19700005587	Psychological and physiological skill development - A control engineering model	1969
19700005588	The application of discrete modeling elements to the synthesis and identification of a deterministic model for the visual scanning behavior of human operators	1969
19700005589	Stochastic modeling of human learning behavior	1969
19700005590	Contributions of human behavior as a multiloop controller	1969
19700005591	Pilot's response to stability augmentation system failures and implications for design	1969
19700005592	Model of the adaptive behavior of the human operator in response to a sudden change in the control situation	1969
19700005593	On the dynamic response of the human operator to transient inputs	1969
19700005594	State-space models of remote manipulation tasks	1969
19700005595	Identification of sampling intervals in sampled data models of human operator	1969
19700005596	Cardinal reconstruction theory - A tool for estimating effects of display scanning	1969
19700005597	Motion cues in man-vehicle control	1969
19700005598	Manual control system performance with predictive displays	1969
19700005599	Some relations between visual and kinesthetic displays in normal driving	1969
19700005600	Studies in driver-aided car following	1969
19700005601	An experimental steering simulator for farm vehicles	1969
19700005602	A revised stochastic sampled data model for eye tracking movements	1969
19700005603	Modeling the human operator with finite-state machines	1969
19700005604	A closed-loop neuromuscular system explanation of force disturbance regulation and tremor data	1969
19700005605	A dynamic model of an agonist-antagonist muscle pair	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700005606	Effects of external loading on human motor reflexes	1969
19700005607	Models of muscle proprioceptive receptors	1969
19700005678	Research investigation directed toward extending the useful range of the electromagnetic spectrum Progress report, 1 Nov. 1968 - 31 Aug. 1969	1969
19700005843	Ways of Measuring the Earth-Moon Distance	1969
19700005908	Integral Launch and Reentry Vehicle System Executive Summary	1969
19700005909	Equation for the effective potential of an atom with oscillatory corrections	1969
19700005910	Progress in the creation of composite materials from oxides and metals	1969
19700006084	Two weeks with the American astronauts	1969
19700006099	Space programs summary no. 37-55, volume 3 for the period 1 December 1968 to 31 January 1969. Supporting research and advanced development	1969
19700006103	The 24-hour rhythm of chlorine secretion	1969
19700006182	Development of Sodium Chlorate Candles for the Storage and Supply of Oxygen for Space Exploration Applications Final Report	1969
19700006240	Stability of high speed rotors with sliding bearings	1969
19700006313	Experimental and theoretical investigation of a low frequency instability and modified pig discharge	1969
19700006452	Carbon Dioxide Reduction Contractors in Space Vehicles and Other Enclosed Structures	1969
19700006453	VLF measurements of the Poynting flux along the geomagnetic field with the Injun 5 satellite	1969
19700006454	Acoustic dustfeeder	1969
19700006456	Characterization of the physical properties of web-stiffened sandwich structures	1969
19700006460	Optimal Wall Temperature Control of a Heat Exchanger	1969
19700006461	Tunneling measurement of electron-plasmon interactions in degenerate semiconductors	1969
19700006462	Continuous Matched Filters for Detecting Gaussian Signals in Gaussian Noise	1969
19700006510	Course in theoretical astrophysics	1969
19700006572	A study of effects of the gas-surface interaction on spinning convex bodies with application to satellite experiments	1969
19700006573	Auroral micropulsation instability	1969
19700006678	Space programs summary no. 37-59, volume 2 for the period 1 July - 31 August 1969. The deep space network	1969
19700006781	Contamination Control Training Course Outline	1969
19700006789	Fourth Texas Symposium on Relativistic Astrophysics Final report, 1 Jun. 1968 - 31 May 1969	1969
19700006824	Study of antibody synthesizing function of the spleen in mice in the early postnatal period	1969
19700007076	Critical current peak effect with respect to temperature and field in a type 2 superconductor	1969
19700007077	Thermal equilibrium states of compound conductors with various copper to superconductor ratios	1969
19700007078	Flux jumps in bulk type 2 superconductors	1969
19700007079	Appendix - Steady state stability of composite superconductors	1969
19700007105	Automotive tires - Construction, design, testing, and operation	1969
19700007181	The participation of macrophages and neutrophils of immune mice in phagocytosis of cells infected by virus	1969
19700007572	Average evoked potentials - Achievements, failures and prospects	1969
19700007573	The relationship of brain activity to scalp recordings of event-related potentials	1969
19700007574	Cross-modality comparisons of averaged evoked potentials	1969
19700007576	Data analysis techniques in average evoked potential research	1969
19700007577	The specification of psychological variables in an average evoked potential experiment	1969
19700007578	Diagnostic uses of the average evoked potential	1969
19700007579	Differences between human evoked potentials elicited by the same acoustical stimuli during loudness discrimination tasks and pitch discrimination tasks	1969
19700007580	Changes of occipital evoked response during luminance discrimination in man	1969
19700007581	The CNV and the vertex evoked potential during signal detection - A preliminary report	1969
19700007582	A note on the AEP of autistic children recorded during sleep	1969
19700007583	An examination of evoked potentials as indicators of information processing in normal and schizophrenic subjects	1969
19700007584	Dynamics of vertex evoked potentials - The R-M brain function	1969
19700007722	Manned space flight capabilities, appendix A	1969
19700007723	Low-cost space transportation, appendix B	1969
19700007724	The Lunar program, appendix C	1969
19700007725	Astronomy, appendix D	1969
19700007726	Space physics, appendix E	1969
19700007727	Earth sciences and applications, appendix F	1969
19700007728	Life sciences, appendix G	1969
19700007729	Materials science and processing in space, appendix H	1969
19700007741	Energetic gamma ray emission from the general direction of the Cygnus constellation	1969
19700008071	The planet Jupiter	1969
19700008095	Application of the method of weighted residuals to the turbulent boundary-layer equations. Part 1 - The method of weighted residuals as a solution technique. Part 2 - A two parameter prediction technique	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700008221	Coordinated Science Laboratory Progress Report, Sep. 1968 - Jun. 1969	1969
19700008671	A course in astrophysics and stellar astronomy. Volume 2 - Physics of stars and stellar systems	1969
19700008801	Oceanography using remote sensors Final report, Jun. 1966 - 15 Dec. 1968	1969
19700008940	Note on the convergence of conjugate direction methods	1969
19700009016	Tunneling in semiconductors	1969
19700009019	On the theory and applications of interval linear programming	1969
19700009070	Characteristic patterns of river outflow in the Mississippi Delta	1969
19700009076	Fluorescence spectra resulting from VUV photon impact on COS	1969
19700009149	Investigation of the earth's gravitational effects on the motion of near earth satellites	1969
19700009224	Muscular coordination and multi-degree of freedom control systems	1969
19700009225	NASA biosystems - Bio-optics	1969
19700009226	Pattern recognition of random spatial signals using coherent optical techniques	1969
19700009227	Manual control systems research	1969
19700009228	A model of the human postural control system	1969
19700009229	FORMAC source program generating the equations of motion of the seven element stick man	1969
19700009230	Calculation of the dielectric constant of a suspension of symmetric ellipsoids in a simple shear flow	1969
19700009231	Determination of the error cost functional used by human operators while controlling certain compensatory systems	1969
19700009796	Tunneling spectroscopy in p-type silicon	1969
19700010621	Stimulation of cardiovascular adaptability during prolonged space exposure	1969
19700010622	Experimental investigations into the performance of a 20 cm hollow cathode thruster	1969
19700010623	Extinction of infrared radiation due to atmospheric haze	1969
19700011800	A project management approach to interdisciplinary research in universities	1969
19700011801	Managing product development systems - A project management approach	1969
19700011802	Bibliographical reference of accuracy of cost information for decision-making	1969
19700011803	The process of technology transfer in the large firm	1969
19700011804	The role of the project manager and management systems in the management of the Apollo program	1969
19700011806	A concept of project authority	1969
19700011807	Systems analysis and management	1969
19700011808	Technological data transfer within the O. M. Edwards Company	1969
19700011809	Noneconomic criteria for evaluating satellite application projects	1969
19700011810	The role of the Atomic Energy Commission in technology transfer - The civilian power reactor program	1969
19700011811	Factors in technology transfer - The case of Corning Pyrex acid-waste drainline	1969
19700011813	Technological data transfer and dissemination at Niagara Mohawk Power Corporation	1969
19700011814	The Apollo project manager-contractor interface	1969
19700011815	The Apollo project manager - Anomalies and ambiguities	1969
19700011817	Technological data transfer within the Morris Machine Works Company	1969
19700011818	Some domestic legal problems in the earth resource satellite program	1969
19700011819	A concept of project authority in the NASA/Apollo programmatic environment	1969
19700011820	Transfer of technology at Carrier Corporation	1969
19700011821	The legal frontier in the United States space program	1969
19700011880	Paramagnetic resonance spectra of some silicate minerals Semiannual technical progress report, period ending 31 Dec. 1968	1969
19700011913	Characteristics of inelastic nuclear interactions of cosmic ray particles at energies 10 to 11th power - 10 to 12th power eV	1969
19700011914	Emission cross-sections of N2 in the vacuum ultraviolet by electron impact	1969
19700011921	Space Materials Handbook	1969
19700012246	Designers manual for computer-aided design of communication circuits Final technical report	1969
19700012344	Solar cell research Annual report	1969
19700012422	Interdisciplinary effort - Research or problem-solving /ques/	1969
19700012423	Interdisciplinary research in a university	1969
19700012456	A survey of low-energy /E > or approximately = 5 keV/ electron energy fluxes over the northern auroral regions with satellite Injun 4	1969
19700012472	The rotation of a rigid cylinder in a visco- plastic medium	1969
19700012496	Introduction to abstract analysis	1969
19700012543	Slosh suppression NASA space vehicle design criteria /structures/	1969
19700012587	The mathematical classification of complex structures Final report, 8 May - 8 Nov. 1969	1969
19700012682	Instrumentation for studies of solar radiation Final report, 1 Dec. 1966 - 31 Jul. 1969	1969
19700012710	MADCAP, phase 2 Final report	1969
19700012827	Pulsed power transistor circuit with stored charges sweep means Patent Application	1969
19700012903	Space environment criteria guidelines for use in space vehicle development /1969 revision/	1969
19700012907	Application of far IR lasers to the investigation of the optical properties of materials Final report	1969
19700013051	Buckling of thin-walled doubly curved shells - NASA space vehicle design criteria /structures/	1969
19700013545	Basic aerodynamic noise research Conference	1969
19700013547	Lunar and planetary instruments	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700013548	Space instruments	1969
19700013549	Science data systems	1969
19700013550	Lunar and planetary sciences	1969
19700013551	Physics	1969
19700013552	Communications systems research	1969
19700013553	Communications elements research	1969
19700013554	Spacecraft telemetry	1969
19700013556	Spacecraft communication systems	1969
19700013557	Spacecraft power	1969
19700013558	Spacecraft control	1969
19700013559	Guidance and control research	1969
19700013560	Applied mechanics	1969
19700013561	Electronics parts engineering	1969
19700013562	Space simulators and facility engineering	1969
19700013563	Solid propellant engineering	1969
19700013564	Polymer research	1969
19700013565	Research and advanced concepts	1969
19700013566	Liquid propulsion	1969
19700013567	Systems analysis	1969
19700013986	Distribution of carbon isotopes and their biochemical and geochemical significance	1969
19700013987	Carbon dioxide, carbonic acid, and bicarbonate ion - Physical properties and kinetics of interconversion	1969
19700013988	The carbamates of glycylglycine and glycylglycylglycine kinetics and equilibria	1969
19700013989	Studies on the pK and rate of dissociation of the glycylglycine-carbamic acid molecule	1969
19700013990	Carbamate formation and breakdown - Kinetics and mechanism	1969
19700013991	Rate of reaction of CO2 with human hemoglobin	1969
19700013992	Kinetics of carbamino compound formation in red cells and in hemoglobin solutions	1969
19700013993	The estimation of hemoglobin-CO2 compounds by gel filtration and ion-exchange chromatography	1969
19700013994	Some properties of horse hemoglobin specifically modified at the alpha-amino groups	1969
19700013995	X-ray diffraction studies on the structure of carbonic anhydrase	1969
19700013996	On the catalytic mechanism of carbonic anhydrase	1969
19700013997	Primary structure studies on human carbonic anhydrase B and its active site	1969
19700013998	Investigations of the structure of human and bovine carbonic anhydrases	1969
19700013999	Primary structure studies on human carbonic anhydrase C	1969
19700014000	Studies on carbonic anhydrase from spinach leaves - Isolation and properties	1969
19700014001	Carbonic anhydrase - Conformation of the active center and the mechanism of action	1969
19700014002	On the mechanism of sulfonamide inhibition of carbonic anhydrase	1969
19700014003	The species of CO2 utilized in the carboxylation of P-enolpyruvate and pyruvate	1969
19700014004	Comparison of enzymatic carboxylation mechanisms	1969
19700014005	The role of bound metal ions in CO2 fixation by the biotin carboxylases	1969
19700014006	Alveolar-blood PCO2 differences during rebreathing	1969
19700014007	Alveolar to mixed venous PCO2 difference under conditions of no gas exchange	1969
19700014008	Permeability of the alveolar-capillary barrier to dissolved carbon dioxide and to bicarbonate ion	1969
19700014009	Significance of carbonic anhydrase in lung tissue	1969
19700014010	Influence of carbonic anhydrase activity on the exchange of CO2 across the alveolar-capillary membrane	1969
19700014011	Rates of chloride-bicarbonate exchange between red cells and plasma	1969
19700014012	The rate of CO2 equilibration between red cells and plasma	1969
19700014371	Functional verification of the Apollo urine transport system	1969
19700014488	Technology - Processes of assessment and choice	1969
19700014543	Apollo 10 briefing - News release	1969
19700014558	Critical Field Ratio /H Sub C3//h Sub C2/ for Pure Superconductors Outside the Landau- Ginzburg Region. Part 2 - T- _c	1969
19700014619	Space law	1969
19700015822	A standardized laboratory means of determining susceptibility to coriolis /motion/ sickness	1969
19700015922	Future projects	1969
19700015923	Computation and analysis	1969
19700015924	Space instruments	1969
19700015925	Lunar and planetary sciences	1969
19700015926	Physics	1969
19700015927	Communications elements research	1969
19700015928	Spacecraft telemetry and command	1969
19700015929	Spacecraft telecommunications systems	1969
19700015930	Spacecraft power	1969
19700015931	Guidance and control analysis and integration	1969
19700015932	Spacecraft control	1969
19700015933	Guidance and control research	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700015934	Materials	1969
19700015935	Applied mechanics	1969
19700015936	Electronics parts engineering	1969
19700015937	Advanced projects development	1969
19700015938	Solid propellant engineering	1969
19700015939	Research and advanced concepts	1969
19700015940	Liquid propulsion	1969
19700015941	Systems analysis research	1969
19700016443	The astrophysics of cosmic rays	1969
19700016466	Automatic Control	1969
19700016752	Increasing the effectiveness of utilization of material for spectral analysis using lasers	1969
19700017294	The relationship of oxide scale displacement reactions to the oxidation behavior of IN-100	1969
19700017428	Structural properties of the equilibrium solutions of Riccati equations	1969
19700017429	On the noninferior set for the systems with vector-valued objective function	1969
19700017431	On conditions of optimality for singular control problems	1969
19700017432	New conditions for boundedness of the solution of a matrix Riccati differential equation	1969
19700017433	Conditions for existence of symmetric solutions of the matrix equation $C + B \sup TP = 0$	1969
19700017544	A new approach to the analysis of measurements of proton stopping power	1969
19700017545	Evaluation of the most probable energy loss suffered by protons perpendicularly incident on plane parallel absorbers	1969
19700017546	Calibration of pulseheight distribution in terms of proton energy	1969
19700017547	Proton stopping power measurements in seven elements	1969
19700017548	Stopping power measurements using a magnetic spectrometer	1969
19700017549	Mean ionization potential for Monte Carlo penetration of charged particles in matter	1969
19700017550	Mean ionization potential values for mixtures and compounds	1969
19700017551	Tables of stopping powers for elements, mixtures, and compounds	1969
19700017890	SNAP-8 tube-in-tube mercury boiler development using 9 % chrome, 1 % moly steel	1969
19700017986	Exposure limits for chimpanzees at near vacuum following rapid decompression Final report, Jul. 1964 - Dec. 1969	1969
19700018015	The GEOLE project	1969
19700018144	Three-dimensional lunar trajectories	1969
19700018251	Correlation of a solar flare with a visual aurora	1969
19700020083	A pseudostate theory for the approximation of three-body trajectories	1969
19700020611	Astronomical refraction at millimeter wavelengths	1969
19700020810	Low frequency interchange instabilities of the ring current belt	1969
19700021460	Survival of microbial spores under several temperature and humidity conditions	1969
19700021461	The effect of humidity, location, surface finish and separator thickness on the dry heat destruction of Bacillus subtilis var. niger spores located between mated surfaces	1969
19700021462	Detection of low levels of microbial contamination on surfaces by chemical approaches	1969
19700021463	Dry heat destruction rates of Bacillus subtilis var. niger in a closed system	1969
19700021464	Dry heat destruction rates of microorganisms on surfaces as a function of relative humidity	1969
19700021728	Diffusion of small angle X-rays to study irradiation of muscovite mica by argon ions	1969
19700021756	Appendixes on mass loading, resonance, and vibration characteristics	1969
19700022722	The effect of cabin temperature on the nutritional, biochemical and physiological parameters of man in a life support systems evaluator	1969
19700022876	Memory reduction through higher level language hardware	1969
19700022877	Functional design considerations for an executive system for a general purpose spaceborne computer	1969
19700022878	Parallel processing methods and manned space missions	1969
19700022879	Optimization of an instruction set for a general purpose spaceborne computer	1969
19700022880	Efficiency and queueing time calculations for computer banks	1969
19700022881	Application of discrete digital simulation languages to the design of adaptive data buffering strategies	1969
19700022882	Automatic Malfunction Analysis /AMA/ for discrete systems	1969
19700022883	MARSYAS - A software system for the digital simulation of physical systems	1969
19700022884	Real-time space vehicle and ground support systems - Software simulator for launch programs checkout	1969
19700022885	State Variable Descriptor System /SVDS/	1969
19700022886	Storage scope graphics and experimental applications	1969
19700023144	Introducing technological change in a bureaucratic structure	1969
19700023212	Absorption, charge-exchange, and double-charge-exchange reactions of pions with complex nuclei - Comparison of theoretical predictions with experimental results	1969
19700023226	Some refinements of the theory of the viscous screw pump Interim report	1969
19700023507	Investigations of pulsed discharges in a dielectric channel with ablating walls	1969
19700023513	SSB-PM and PCM,PM-FT satellite communication systems comparison	1969
19700023627	Research and development study on wide band- gap semiconductor films Final report, Dec. 1968 - Dec. 1969	1969
19700023664	Formation of striations in ionospheric plasma clouds	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700024348	Possible geopotential improvement from satellite altimetry	1969
19700024349	Numerical definition of localized functions on a sphere	1969
19700024435	Effect of inlet air vitiation on the performance of a modular combustor burning natural gas fuel	1969
19700025587	Calibration of a semiconductor detector telescope for space experiments	1969
19700025588	Temporal variations in the electron flux at synchronous altitudes	1969
19700025589	Energetic outer belt electrons at synchronous altitude	1969
19700025590	Origin of drift-periodic echoes in outer-zone electron fluxes	1969
19700025591	Energetic electrons at 6.6 R sub E during the 13-14 January 1967 geomagnetic storm	1969
19700025592	Penetration of solar protons and alphas to the geomagnetic equator	1969
19700025593	Access of solar particles to synchronous altitude	1969
19700025594	Drift mirror instability in the magnetosphere - Particle and field oscillations and electron heating	1969
19700025595	Solar-proton radiation damage of solar cells at synchronous altitudes	1969
19700025596	Synchronous-altitude protons and electrons, 26 October - 8 November 1968	1969
19700025597	Penetration of solar protons into the magnetosphere and magnetotail	1969
19700025598	Description of the Bell Laboratories data reduction process, appendix 1	1969
19700026190	Light gas gun experiments	1969
19700026191	Simulated meteoroid impact testing on MDA configuration	1969
19700026192	MHD accelerator research	1969
19700026193	Impact code development	1969
19700026194	Shock propagation in solids in hypervelocity impact	1969
19700026195	One-dimensional model for investigation of changes in conductivity of dielectrics under shock conditions	1969
19700026196	High temperature equation of state for aluminum	1969
19700026197	Low light level TV observations	1969
19700026198	Photoelectric observations of meteors to 6.4 magnitude	1969
19700026401	RTCC requirements for mission G - Landing site determination using rendezvous radar and optical observations	1969
19700026599	Simulation test report for mass transfer of stowage boxes through the airlock module	1969
19700026789	Project HIAM Informal report, june - September 1969	1969
19700027513	The VLF experiment equipment for Applications Technology Satellite-2 /ATS-2/	1969
19700027514	Design of VLF and particle experiments for the ATS-2 satellite with special reference to electromagnetic interference, appendix 1	1969
19700027515	Particle detection experiment for Applications Technology Satellite-1 /ATS-1/, appendix 2	1969
19700031382	Configuration space three-body scattering theory	1969
19700031582	Cellular automata theory	1969
19700032706	A real-time data compression system for Apollo PCM telemetry	1969
19700032977	Thermodynamic properties of ternary refractory carbides. Part 4 - Relations between thermodynamic properties, bonding, and compressibility Technical report, 1 Jul. 1967 - 30 Jun. 1969	1969
19700033386	Hydrodynamic analysis of noise in a finite- temperature electron beam	1969
19700033387	A theory of ionospheric thermal radiation	1969
19700033388	Characteristics of ionospheric thermal radiation	1969
19700033389	Cutoff conditions for transverse circularly polarized electromagnetic waves in a finite temperature electro-magneto-ionic medium	1969
19700033390	Effect of longitudinal electrostatic field on the whistler mode propagation in a warm magneto-ionic medium	1969
19700033391	Whistler mode propagation in the ionosphere in the presence of a longitudinal static electric field	1969
19700033392	Propagation of circularly polarized electromagnetic waves in a finite temperature electromagnetoplasma	1969
19700033393	Focusing of a relativistic electron flow	1969
19700034011	The detection of bacteria and viruses in liquids	1969
19700035898	The Mechanism of Flame Spreading over the Surface of Igniting Condensed-Phase Materials	1969
19700036577	Apollo lunar module engine exhaust products	1969
19700037904	1973 Viking voyage to Mars	1969
19700037939	History and Development of Nonflammable Material for Apollo Spacecraft	1969
19700037942	Combustion Safety in the Spacecraft Environment	1969
19700038015	Sterilization-Environmental Testing of Initiators	1969
19700040361	Microorganisms, alive and imprisoned in a polymer cage	1969
19700040586	Immediate and future challenges to contamination control technology	1969
19700040587	Monitoring for particle contamination on surfaces with the vacuum probe sampler	1969
19700040592	Sterile access studies in the pilot assembly sterilizer system - PASS	1969
19700054228	A cryobiologist's conjecture of planetary life	1969
19700059147	Apollo Ordnance Systems	1969
19700070302	NASA contractor's report Quarterly report	1969
19700070306	Study of the behavior of high speed angular- contact ball bearings under dynamic load Final report	1969
19700070319	Laser backscatter correlation with turbulent regions of the atmosphere	1969
19700070410	Solar physics Semiannual status report, Semiannual status report, 1 Jan. - 1 Aug. 1969	1969
19700070424	Physiochemical food system studies Quarterly report	1969
19700070425	Operating manual for IRSARS /Instrument Resume Search And Retrieval System/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700070493	Acoustic Waves in the Ionosphere	1969
19700070551	Reversed Bending Fatigue Tests of AISI 347 Stainless Steel Fibermetal	1969
19700071107	MSFN equipment allocations handbook. Part 2 - Site sequence	1969
19700071208	Design and development engineering handbook of thermal expansion properties of aerospace materials at cryogenic and elevated temperatures	1969
19700071216	Investigations into the mechanism and rates of atmospheric mixing in the lower thermosphere Semiannual status report	1969
19700071223	Study of the Techniques Feasible for Food Synthesis Aboard a Spacecraft Semiannual Status Report 1 Feb. 1969 - 31 Jul. 1969	1969
19700071225	Classical Theory of Small Energy Accommodation Coefficients. Application to He-3 and He-4 on W	1969
19700071227	Bi-monthly progress report for the period 1 Sep. - 1 Nov. 1969	1969
19700071332	Design study specifications for the Earth Resources Technology Satellite ERTS-A and ERTS-B	1969
19700071353	Development of compressor end seals stator interstage seals, and stator pivot seals in advanced air breathing propulsion systems Semiannual report	1969
19700071368	Multidisciplinary research in space-related science and technology Annual report	1969
19700071525	ASEE-NASA Summer Faculty Institute, MSC program Final report	1969
19700071539	Space program Semiannual report, 1 Mar. - 31 Aug. 1969	1969
19700071553	Vibrational assignments for solid malonic acid - Kinetics of thermal decarboxylation and reactions of malonic acid in alkali halides	1969
19700071554	An analysis of some graph theoretical cluster techniques	1969
19700071576	Mechanical scanner for off-line picture digitization	1969
19700071577	Computer analysis of evoked potential correlates of the critical band	1969
19700071680	A table of the modified Bessel functions $K_n(x)$ and $I_n(x)$ to at least 60S for n equals 0, 1 and x equals 1, 2, ..., 40	1969
19700071682	An introduction to adaptive decoding	1969
19700071684	OCS breadboard operator's handbook	1969
19700071809	An investigation of nonlinear interaction phenomena in the ionosphere Final report, 1 Jun. 1964 - 1 Oct. 1969	1969
19700071810	A theoretical and experimental study of the ionosphere using radio signals from earth satellites Progress report, 1 Jul. - 31 Dec. 1969	1969
19700071820	S-018 micrometeorite collection experiment Final report	1969
19700071835	Evidence for Lunar Vulcanism from Lunar Probes	1969
19700071845	Review of thermal/vacuum test program for the passive seismic subsystem	1969
19700071860	A selective list of acronyms and abbreviations	1969
19700072068	Plan for postflight test and analysis of parts and materials of Surveyor 3 retrieved from lunar surface by Apollo 12. Volume 2 - Cost estimate	1969
19700072237	Development of high temperature materials for solid propellant rocket nozzle applications Quarterly progress report, 1 Oct. - 31 Dec. 1969	1969
19700072238	Southwest Research Institute assistance to NASA in biomedical areas of the technology utilization program Quarterly progress report, 1 Aug. - 31 Oct. 1969	1969
19700072240	Flutter of thermally stressed plates subjected to large deflections Informal progress report, 1 Jul. - 31 Dec. 1969	1969
19700072243	Massachusetts Institute of Technology Semiannual progress report, 1 Jun. - 30 Nov. 1969	1969
19700072245	Research in aeronomy Progress report, 1 Apr. - 30 Sep. 1969	1969
19700072246	Atmospheric and Space Physics Laboratory Semiannual report, 1 Jul. - 31 Dec. 1969	1969
19700072247	Optimal space communications techniques Status report, 15 Sep. - 15 Dec. 1969	1969
19700072250	Study of the relationship between frequency and gas temperature in whistles Progress report	1969
19700072253	Georgia Institute of Technology Annual report, 15 Mar. - 14 Sep. 1969	1969
19700072254	Primary cosmic radiation Status report, for the period ending Aug. 1969	1969
19700072255	The temperature dependence of the self broadened half-width of the P-20 line in the 001-100 band of CO ₂	1969
19700072257	Equivalent line source representation of broadside radiation from parallel-plate waveguides	1969
19700072259	California Institute of Technology Report, 1 September 1968 - 1 September 1969	1969
19700072295	Detection techniques for tenuous planetary atmospheres Monthly report, 1 Jul. - 31 Dec. 1969	1969
19700072304	A force balance system for the measurement of skin friction drag force Quarterly progress report, 15 Sep. - 15 Dec. 1969	1969
19700072316	Development of space stable thermal control coatings Triannual report, 1 Jan. - 30 Apr. 1969	1969
19700072320	To establish and operate a planetary patrol program Semiannual status report, 1 Jan. - 30 Jun. 1969	1969
19700072321	The study of optical properties and collective oscillations in new solid state materials and as a function of temperature using infrared and Raman techniques Quarterly progress report, 15 May - 15 Aug. 1969	1969
19700072338	NCAR balloon flight summary	1969
19700072447	Advanced theoretical and experimental studies in automatic control and information systems Semiannual status report, 1 Jul. - 31 Dec. 1970	1969
19700072458	The Summer Institute for Biomedical Research in Technology Utilization	1969
19700072459	Biomedical application of aerospace technology Quarterly report, 1 Sep. - 30 Nov. 1969	1969
19700072460	Comparative analysis of nonlinear programming codes with the Weisman algorithm	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700072464	KWIC index of industrial applications report, January - December 1968	1969
19700072469	Saturn 5 AS-507 G Mission Launch Vehicle Operational Flight Trajectory /september Launch Month/	1969
19700072487	Preparation of pigments for space-stable thermal control coatings, 1 June 1968 - 30 April 1969	1969
19700072488	The application of aerospace technology to biomedical problems Quarterly report, 1 Sep. - 30 Nov. 1969	1969
19700072558	California Institute of Technology semiannual status report, 1 April - 30 September 1969	1969
19700072564	Final report for NASA grant	1969
19700072673	Experimental and theoretical studies in planetary aeronomy Quarterly progress report, 1 Sep. - 24 Nov. 1969	1969
19700072675	Nimbus E and F - Experiment interface requirements	1969
19700072676	Experimental and theoretical studies in planetary aeronomy Quarterly status report, 1 Jun. - 30 Aug. 1969	1969
19700072680	Administrative and financial information, part 1 Semiannual progress report	1969
19700073065	New avenues for boundary layer acoustics research	1969
19700073270	A study of selected radiation and propagation problems related to antennas and probes in magneto-ionic media Semiannual progress report, 1 Apr. - 1 Dec. 1969	1969
19700073693	Pneumatic instrumentation lines and their use in measuring rocket nozzle pressure. NERVA program	1969
19700073777	Rescattering Corrections in Radiative Pion Absorption	1969
19700073780	Molecular structure and composition of fish otoliths	1969
19700073982	Xenolites of diamond-bearing pyropic serpentines from the "Aykhali" tube in Yakut	1969
19700073983	Twenty-six process and materials control documents	1969
19700073993	Chrome pyropes from Yakut diamonds	1969
19700073998	Summary of the properties of concave networks by holography	1969
19700073999	Theoretical and experimental studies of the nature and characteristics of space-related plasma resonance phenomena Semiannual report 1 Jul. - 31 Dec. 1969	1969
19700074006	Computational methods and implementation techniques for problems related to navigation, guidance, and control Final report, 1 Apr. 1966 - 31 Dec. 1969	1969
19700074008	EOLE general order of operations May 1969	1969
19700074024	Experimental study on the characteristics of solar cells and solar cell modules with respect to the solar probe mission. Part 2 - Solar cell modules	1969
19700074028	Electric currents in the ionosphere in the regions of the higher latitudes	1969
19700074029	Holographic diffraction networks	1969
19700074030	Experimental Study on the Properties of Solar Cells and Solar Cell Modules in Connection with the Mission of a Solar Probe. Part 1 - Solar Cells	1969
19700074069	Informatic - Statements made by the Mathematics Division on 6 May 1969	1969
19700074070	Concerning the calculation of higher derivative complex functions	1969
19700074110	Aerostatic, automatic spectrometer with a diffraction grating of an area of 0.2-0.4 microns	1969
19700074141	Analysis of connecting problems in the case of protonic hissing	1969
19700074245	Hundred year motion of the geomagnetic field for the 1960 - 1965 period	1969
19700074246	Photoinduced collision processes of metastable hydrogen atoms with H ₂ in the energy range 0.05-0.47 eV	1969
19700074248	Magnetic asymmetry and fluctuations of the general magnetic field of the sun	1969
19700074253	The integrated interpretation of the earth surface images received from Nimbus-1	1969
19700074612	Study of molecular collisions in the 10 to 100 eV energy range Quarterly status report, 1 Aug. - 31 Oct. 1969	1969
19700074613	Study of molecular collisions in the 10 to 100 eV energy range Quarterly status report, 1 May - 31 Jul. 1969	1969
19700074796	Committee on Image Tubes for Telescopes Annual report, 1967 - 1968	1969
19700074822	Partial pressure oxygen sensor, the design and development of a prototype assembly	1969
19700074837	Photo-Elimination of Nitrogen from Fused-Ring Triazoles	1969
19700074868	Graphic information processing system - General information manual	1969
19700075179	High pressure modification of Mg ₂ SiO ₄ - Crystal structure and crystallochemical and geophysical implications	1969
19700075741	S-5 propellant tank structural analysis, supplementary data	1969
19700075751	Tektites	1969
19700076077	Guidelines for safety surveys and evaluation	1969
19700076083	Specification for automatic welding, stainless steel pipe and tubing, invar 36 pipe, carbon steel pipe, aluminum pipe	1969
19700076168	Comments on a paper by R. C. Haymes et al - 'Low energy gamma radiation in the atmosphere at mid latitudes'	1969
19700076176	On optically thick condensations in planetary nebulae	1969
19700076177	Model envelopes of gamma 2 Velorum from the lambda 1909 intercombination line of C-3	1969
19700076179	The solar eclipse of 7 March 1970	1969
19700076181	Application of silicone rubber ablative material to ground support equipment, specification for	1969
19700076204	S11 Stage Chilldown Inverter Vibration and Shock Tests	1969
19700076208	Guide for contractor safety plans at John F. Kennedy Space Center	1969
19700076224	Forced transverse vibration of a solid viscoelastic cylinder bonded to a thin casting	1969
19700076226	Determining the orientation of the Pegasus satellites	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700076238	Receptacle assembly, cryogenic feedthrough qualification test, P/N 1B37873-545	1969
19700076420	Safety guidelines for man-rating altitude chambers, review draft	1969
19700076421	Preface to feature issue on optics in NASA	1969
19700076432	KSC Apollo/Saturn configuration control boards	1969
19700076456	G and subs ASD final Update to the Abort Summary Document	1969
19700076457	KSC Apollo/Saturn configuration management manual	1969
19700076458	KSC Apollo/Saturn modification packages, revision 2	1969
19700076471	Safety guidelines for overtime work limitations in ground operations draft	1969
19700076472	Safety guidelines for man-rating hyperbaric chambers	1969
19700076511	RTCC requirements for mission G - MSFN tracking data processor for powered flight lunar ascent/descent navigation	1969
19700076539	Life Sciences Publications, 1969 - Volume 2	1969
19700076553	Lunar module test article backup structural analysis	1969
19700076575	Polymorphism in Cyclohexanol Reexamined	1969
19700076577	Controlling space-age fire hazards	1969
19700076591	G and subs ESD final Revision of the Entry Summary Document	1969
19700076603	Relativistic time dilation on lunar flights	1969
19700076607	Safety guidelines for certification of personnel involved in hazardous operations	1969
19700076615	Distribution theory and thin shells in general relativity	1969
19700076624	An analysis of the real-time Apollo docking simulation	1969
19700076662	Graphic information processing system. General information manual	1969
19700076702	Venus-4 on course toward its target	1969
19700076903	Maximum RF power transistor collector voltage	1969
19700077232	Ultramafic and basaltic rocks dredged from the nearshore flank of the Tonga Trench	1969
19700077460	Theoretically predicted color-magnitude diagrams for clusters and the observations	1969
19700077499	NASTRAN - NASA'S general-purpose structural analysis program. Preliminary displacement method	1969
19700077531	On nonzero-sum differential games with quadratic cost functionals	1969
19700077534	A comparison of theoretical and experimental cosmic-ray equators	1969
19700077535	The origin of petroleum porphyrins - Preliminary evidence for protein fragments associated with porphyrins	1969
19700077591	Photolysis of vic-triazoles	1969
19700077616	A generalized Reissner-Nordstroem solution	1969
19700077629	Some parallel findings in schizophrenic patients and serotonin-depleted cats	1969
19700077868	Survey of United States sonic boom overflight experimentation	1969
19700078006	Flow measurement transducers at LRC	1969
19700078007	Experimental determination of human ability to perceive aircraft aim point from expanding gradient cues	1969
19700078039	The effect of changes in the physical parameters of micrometeoroids upon their ablation	1969
19700078041	An optical pumping method for measuring quenching rates of excited alkali atoms	1969
19700078042	Moonlab - A design for a semipermanent lunar base	1969
19700078043	Determination of second virial coefficients - A physical chemistry experiment	1969
19700078044	Developments in a computer method for fluid- structure interactions Final report, 1 Aug. 1968 - 31 Jul. 1969	1969
19700078045	Project authority - A multidimensional view	1969
19700078046	A perturbation procedure for calculating the effects of lateral inhomogeneities on the earth's free oscillations	1969
19700078063	Total excitation cross sections for the 2 1P state of He in low-energy He/+-He collisions	1969
19700078064	Infrared spectrum of malonic acid in the solid state	1969
19700078065	Dissipation discontinuities in hydromagnetic shock waves	1969
19700078066	Measured and calculated radiation levels produced by galactic and solar cosmic rays in SST altitudes and precaution measures to minimize implications at commercial SST-operations	1969
19700078068	Origin of classical electromagnetic-mass discrepancy	1969
19700078072	Research program	1969
19700078082	Low speed wind tunnels for biological investigations	1969
19700078097	The isotope effect in beta zirconium	1969
19700078102	Born wave calculation of atom-atom inelastic cross sections - Description of target atoms by elastic and inelastic X-ray form factors	1969
19700078106	Distribution of non-fastidious microorganisms in desert soils	1969
19700078119	The site and mechanism of the purine nucleotide inhibition of autotrophic carbon dioxide fixation, CO2 fixation - Site of AMP inhibition	1969
19700078123	Proposed search for residual magnetism along tornado paths	1969
19700078147	Fe/2+/,Mg order-disorder in heated orthopyroxenes	1969
19700078153	Test particle method in kinetic theory of a plasma	1969
19700078171	Techniques for the measurement of pressure in simulated space environments	1969
19700078177	Organizational roles as a risk factor in coronary heart disease	1969
19700078178	Dynamics and energetics of strong radio sources	1969
19700078182	Apollo 11 - National Aeronautics and Space Administration mission report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700078188	Short term response of insulin, glucose, and corticosterone to acute vibration in rats	1969
19700078189	A fully automatic system for amino acid analysis	1969
19700078229	Nucleotide composition of the RNA of the planarian, Dugesia dorotocephala, in the normal and regenerating state	1969
19700078252	A simple test for certain cases of adhesion	1969
19700078255	A functional bestiary - Laboratory studies about living systems	1969
19700078299	Theory of adsorption processes at ring-disk electrodes. Application to the adsorption of Cu/1/ in 0.5M HCl on platinum	1969
19700078306	NO ₂ +/- as a constituent of the D region	1969
19700078316	Thermodynamic properties of C3	1969
19700078317	Elastic modulus of the human left ventricle	1969
19700078345	An active RC band-pass filter for the fluxgate magnetometer	1969
19700078392	A vibrating diaphragm pressure measuring system	1969
19700078402	Sensitivity reduction by reoptimization	1969
19700078520	Parameterizing feed patterns for parabolic reflectors	1969
19700078523	Apollo mission evaluation reporting requirements. Apollo program directive no. 19B	1969
19700078528	A new iteration for locating equilibrium points in nonlinear systems	1969
19700078618	A unique emission line object	1969
19700078725	A compilation and historical review of temperature scale differences	1969
19700078752	A generalized attitude determination system	1969
19700078914	Calculation of the generalized Watson sums with an application to the generalized Heisenberg ferromagnet	1969
19700079307	An industrial breakdown of NASA expenditures	1969
19700079500	Thermally stable organometallic polymers	1969
19700079501	A new gyromagnetic sensor for flight testing of magnus rotors	1969
19700079502	Static stability characteristics of a series of body-ringtail configurations at Mach numbers from 0.70 to 1.30 Final report	1969
19700079503	Study of an improved swivel nozzle for rocket catapults Technical research report, 1964 - 1968	1969
19700079504	Development of a speech amplifier system for protective masks Final report, Apr. 1967 - Feb. 1969	1969
19700079505	Review on error-correcting codes Final report, Feb. - Dec. 1968	1969
19700079506	Effect of gas turbine engine fuel nozzle design and operation on nozzle and combustor performance Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19700079507	Crystal microbalance vacuum contamination monitor	1969
19700079508	CNES report of operations carried out by the cooperative research program 133	1969
19700079509	Unguided rocket impact dispersion at White Sands Missile Range, New Mexico /September 1969/ Meteorological data report	1969
19700079510	Digital computer CP-827 /XN-1//SRN-9 integrated Doppler navigation program operating instructions	1969
19700079511	Research on ion implantation in semiconductors Interim technical progress report, 1 May 1968 - 30 Apr. 1969	1969
19700079512	Aerodynamics of spin acceleration for selected magnus rotors	1969
19700079513	A fast rise, short duration, pulse circuit triggered by a photo-duo-diode	1969
19700079514	Corrosion protection of aluminum countersinks with sealants	1969
19700079515	Design allowables for titanium alloys Final technical report, May 1966 - May 1969	1969
19700079516	Development of airblast instrumentation vortex-shedding anemometer and high g accelerometer Final report	1969
19700079517	Solid state ground beacon Final technical report, 26 Dec. 1967 - 31 Dec. 1968	1969
19700079518	Atlas/Centaur-17 Applications Technology Satellite-4 Final field report	1969
19700079519	Slide wire alternate emergency egress system launch complex 39, pad A, Mobile Launcher 1 Final rest report	1969
19700079520	Satellite/buoy readout program Final report, 15 May 1968 - 30 Jun. 1969	1969
19700079523	Tests of regeneratively cooled components for hypersonic ramjet propulsion systems. Volume 2 - Demonstration of performance and structural capabilities /U/ Final report, 1 Jul. 1966 - 31 Mar. 1969	1969
19700079526	A high-pressure regeneratively cooled thrust chamber. Volume 1 - Analysis, test, and evaluation /U/ Final report, 20 Mar. 1967 26 Jul. 1968	1969
19700079534	Fire extinguishment in aircraft void spaces /U/ Final report	1969
19700079535	Performance evaluation of EFA model 384P-00 French Air Force emergency personnel parachute canopy Final report	1969
19700079536	On the theory of Brownian molecular movement	1969
19700079537	Microwave radiometer measurement program Final report	1969
19700079538	Design characteristics and performance of a combustor for use as an ionized gas source in magnetohydrodynamic power generation studies Interim report, 26 Apr. 1968 - 27 Mar. 1969	1969
19700079539	Post IQSY high altitude test vehicle launching report /16 vehicles launched 17 July 1968 through 13 January 1969/ Final report	1969
19700079540	A 'filled billet' extrusion process for production of tapered titanium structural members Final technical report, 1 Jan. 1968 - 31 Mar. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079543	Effect of gas turbine engine fuel nozzle design and operation on nozzle and combustor performance Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19700079544	A low cost steerable array using balanced mode phase shifters Final report, Apr. 1966 - Apr. 1969	1969
19700079545	Three-dimensional recording media in holography	1969
19700079546	Degradation of geos solar cell arrays due to radiation from trapped particles	1969
19700079547	Result of thermal cycling test performed on geos spare solar panels	1969
19700079548	Shielding spacecraft against meteors and meteoroids Report bibliography, Jan. 1953 - Jul. 1969	1969
19700079549	Development of distance measuring equipment modification kit phase 2 Quarterly report, 16 Mar. - 15 Jun. 1969	1969
19700079550	Volumetric ball flow intensity transmitter with viscosity compensation	1969
19700079551	Neutron fluence in the atmosphere from an exoatmospheric point source of 14 MeV neutrons	1969
19700079552	Studies on the use of a novel aerosolization device for collecting and sizing particles in the ambient atmosphere	1969
19700079553	Containing controlled fusion reactions with crossed electric and magnetic fields	1969
19700079554	BLM-143A Ku beacon magnetron production engineering measure Quarterly progress report, 31 Jan. - 30 Apr. 1969	1969
19700079555	Form rolling structural shaped tubing Interim engineering progress report, 1 Dec. 1968 - 31 May 1969	1969
19700079556	The classification of visual images by spatial filtering	1969
19700079557	Recertification of All-Weather Carrier Landing System /AWCLS/ aboard USS Constellation /CVA-64/ for mode IA operation Final report	1969
19700079558	Thermally stable elastomers Final report, 8 Mar. 1968 - 8 Mar. 1969	1969
19700079559	Variable aperture target recognition study Final technical report, 1 Feb. 1968 - 29 Apr. 1969	1969
19700079560	Improved transtage environmental test - Minimum heating orbital conditions Final report, 25 Nov. 1968 - 21 Mar. 1969	1969
19700079561	Study to determine requirements for Undergraduate Pilot Training Research Simulation System /UPTRSS/ Final report	1969
19700079562	Fuel status indicating system Final report	1969
19700079563	Silicon-on-sapphire transistor for associative processors Final technical report, 27 Feb. 1968 - 7 May 1969	1969
19700079564	Ray tracing equations for a parabolic dish antenna with a phased-array secondary	1969
19700079565	Test plan for Stored Program Data Processor /SPDP/	1969
19700079566	Altitude performance of six Minuteman Mark 11/11A reentry vehicle tumble motors having ages ranging from 22 to 71 months Final report	1969
19700079567	Limited endurance tests of a mechanically modified antenna OA-592/URN-3	1969
19700079568	Modified Saturn V/Lunar Module Adapter (SLA) Freon Fire Suppression System	1969
19700079569	Test report - Capital Westward, Incorporated part number 25170 B, 4 inch liquid hydrogen filter NASA part number 75MO5752, HF1 NASA control number 3239-4	1969
19700079570	Test report - Pressure switch NASA P/N 75M11868 Boeing D5-16280, NCN 3174-4	1969
19700079571	Spectroscopy and solid state quantum electronics at optical and infrared wavelengths Semiannual status report, 1 Apr. - 30 Sep. 1969	1969
19700079572	An X-ray and optical study of barium sodium niobate	1969
19700079573	Review of recent developments - Metal joining	1969
19700079574	Electromagnetic compatibility of GaAs oscillators study Final technical report, Nov. 1967 - Jun. 1969	1969
19700079575	Thermally stable fluoropolymers Final report, 20 Aug. 1968 - 20 May 1969	1969
19700079576	The influence of sleep deprivation on the daily rhythm of plasmatic iron	1969
19700079577	An experimental study of shock effects on surface and subsurface organisms	1969
19700079578	Ground computer air-conditioning outage tests	1969
19700079579	Utilization of launch complex 39 to launch Saturn IB/CSM	1969
19700079580	Application of 'light water' on aircraft carrier flight decks	1969
19700079581	Test report - Mercoid Controls Corporation pressure switch, NASA P/N 75M15214, PPS-2, NCN 3252-4	1969
19700079582	Backward traveling wave optical parametric interactions	1969
19700079583	Solution techniques for the flame propagation equations	1969
19700079584	Evaluation of fibrous suppressors for the Lance early reaction problem	1969
19700079585	Investigation of superconducting interactions Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700079586	Research on mechanisms of alloy strengthening. 1 - Strengthening through fine particle dispersion. 2 - Control of structure and properties by means of rapid quenching of liquid metals /splat cooling/ Semiannual report	1969
19700079587	Procedural guidelines for the reliability assessment of large-scale integrated circuits Final technical report, 2 Jan. 1968 - 1 May 1969	1969
19700079588	Reply to the foregoing discussion by H. Malissa and H. H. Art	1969
19700079589	Nonlinear optimal guidance algorithms computer programs Interim report for Sep. 1969	1969
19700079590	Effects of biogenic amines on thirst in various species of animals	1969
19700079591	Literature survey /1958-1968/ of the hydrazine, alkylated hydrazine nitrogen tetroxide bipropellant system	1969
19700079592	The metabolism of water in the aged	1969
19700079593	Calculating the forces on slender delta wings	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079595	Fundamental studies in electrochemistry Semiannual progress report, Jun. - Dec. 1967	1969
19700079596	Integrated tunnel diode amplifiers for X-band applications Quarterly report, 10 May - 10 Aug. 1969	1969
19700079597	Ionospheric data report Monthly data report, May 1969	1969
19700079598	Head-coupled optical director tests	1969
19700079600	Investigation of the effects of nitrogen and helium on the excitation mechanisms of a pulsed carbon dioxide laser	1969
19700079601	Electron beam melting beta 3 titanium alloy Interim report, 1 Jun. 1968 - 30 May 1969	1969
19700079602	Evaluation of a vertical airflow microbiological cabinet	1969
19700079603	Second source for crossed field amplifier QKS1567 C-band self-modulated forward-wave amplifier Final report, 8 Mar. 1968 - 31 Mar. 1969	1969
19700079604	Saturn 5 derivative /S-1C/S-4B/ launch vehicle system study	1969
19700079605	A study of task performance and handling qualities evaluation techniques at hover and in low-speed flight Final report	1969
19700079606	Development of microwave semiconductor noise diode and diode holder Quarterly report, 16 Apr. - 16 Jul. 1969	1969
19700079607	Study of the effects of space vehicle vibrations on chromosomes and other cellular structures Quarterly status report, 1 Dec. 1968 - 28 Feb. 1969	1969
19700079608	AMML Gulliver 5 advanced Breadboard development program Quarterly progress report, 6 May - 31 Aug. 1969	1969
19700079610	Subtractive light flat panel display Final report, May 1966 - Mar. 1969	1969
19700079611	Rocket Escape System with Cruise Using Electric Rotors /RESCUER/	1969
19700079612	Structures for 225-400 MHz VHF power transmission Final technical report, 1 Oct. 1965 - 20 Jul. 1969	1969
19700079614	Test report - Qualification test Efco Hydraulics Incorporated, manufacturer's P/N PM22M-6075-316-T-MC240, NASA part number 75M51700	1969
19700079615	Structural airframe application of advanced composite materials. Volume 9 - Component evaluation	1969
19700079616	Structural airframe application of advanced composite materials. Volume 8 - Concept evaluation Final report	1969
19700079617	Maneuver capability of navy targets Final report	1969
19700079618	Field study of fencing materials in a marine atmospheric environment - Results of 12 months of atmospheric exposure and 4 months of salt spray tests Technical note, Sep. 1967 - Sep. 1968	1969
19700079619	Improved transtage environmental test - Maximum heating to large radiator orbital conditions Final report, 25 Nov. 1968 - 21 Mar. 1969	1969
19700079620	Improved transtage environmental test - Maximum heating conditions to instrumentation truss Final report, 25 Nov. 1968 - 21 Mar. 1969	1969
19700079621	Corrosion of iron in 0.5M NaCl - A rotating disk electrode study Final technical note, Jul. 1967 - Jan. 1969	1969
19700079622	Multifunction multifrequency integrated arrays - Conical array studies Research and development report, Jul. - Dec. 1968	1969
19700079623	Package system storability test article Final technical report, Apr. 1968 - Jul. 1969	1969
19700079624	Translations on French nuclear, missile, space, and related military developments, number 200	1969
19700079625	Delta-70 BIOS-D operations summary	1969
19700079626	Engineering photography reference handbook - Saturn 5	1969
19700079627	Effect of porosity on the mechanical properties of iron	1969
19700079628	Characteristic numbers of complex-parameter Mathieu equation	1969
19700079629	Respiratory physiology on ascent to high altitude Final report	1969
19700079630	A photographic satellite-tracking system utilizing the K-17 reconnaissance camera Final technical report, 1960 - 1966	1969
19700079631	Monthly report no. 4, 14 July - 14 August 1969	1969
19700079632	Reliable electrical connectors micro circuit fabrication	1969
19700079633	Jet fuel decontamination studies Final technical report, 10 Jun. 1965 - 9 Sep. 1969	1969
19700079634	On the figure and gravity field of the earth, part 2	1969
19700079635	The foreign technology of solid propellants and their combustion Surveys of foreign scientific and technical literature, Apr. - May 1969	1969
19700079636	Two aspects of earth penetration - Measurement of resistance to burial and theoretical prediction of penetration in stratiform soil	1969
19700079637	Contributions to the chemistry of germanium/VI/	1969
19700079639	Verification test plan for environmental control unit CEI 109A - Data item no. UT-454	1969
19700079640	Checkout system requirements cite 400 A	1969
19700079642	State-of-the-art review for aircraft fuel nozzles and vaporizing devices Final report	1969
19700079643	Altitude performance of six Hercules, Incorporated, SR-11-HP-1 solid-propellant rocket motors having ages ranging from 21 to 61 months Final report	1969
19700079644	Long range infrasonic and acoustic propagation from missile sources	1969
19700079645	Ceramic resonator materials for microwave devices Technical report	1969
19700079646	Ferrites for permeability tuning in the above-resonance mode Technical report	1969
19700079647	Pressed and cast siluminum combustion engine systems	1969
19700079648	COMM-NAV-600 system	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079649	Soviet and Soviet bloc capabilities in optical tracking of objects in space	1969
19700079650	The aerodynamic and control systems analysis of a closed Brayton cycle system Final report	1969
19700079651	Development evaluation of magnetic circuit breakers Final report	1969
19700079652	Intergranular corrosion of J79-8 second stage turbine blades operated in 200 PPB salt atmosphere	1969
19700079653	Performance evaluation test of the Versatile Avionic Shop Test /VAST/ system, AN/USM-247	1969
19700079654	The effect of some processing variables on chromate coating treatments for aluminum	1969
19700079655	Effect of three year Florida exposure on glass fabric reinforced sandwich composite Final report	1969
19700079656	Research on electro-optic crystals for display systems Final technical report, Jul. 1968 - Jun. 1969	1969
19700079657	Fire propagation mechanisms, rates and criteria Final report	1969
19700079658	Metallurgical investigations of 10 Ni-2 Cr-1 Mo-8 Co steel	1969
19700079659	Common report generator. System description, computer systems manual	1969
19700079660	TWIG - A computer program for calculating unidirectional transient and steady-state temperature distributions in one, two, and three layer slabs and cylinders-constant heat flux applied to outside surface	1969
19700079661	A stable artificial calibration standard for the spectrophotometric determination of water in IRFNA Final report, Sep. 1968 - May 1969	1969
19700079662	Review of recent developments. High strength steels	1969
19700079663	Airborne data terminal set	1969
19700079664	An experimental investigation of some jet thrust vectored configurations	1969
19700079665	Compton scattering of laser photons from relativistic electrons Technical report, Jan. - May 1969	1969
19700079666	Carbon dioxide laser windows Technical report, Apr. 1968 - Aug. 1969	1969
19700079667	Long-life cold cathode studies for crossed-field tubes Final report, 15 Oct. 1965 - 31 Dec. 1968	1969
19700079668	A survey of high modulus fiber reinforced composites Progress report	1969
19700079669	The influence of beta processing variables on the microstructure of the titanium 6Al-4V alloy	1969
19700079670	Continuous tone negative diazo materials for rapid tactical photographic reproduction Technical report, Dec. 1967 - Sep. 1968	1969
19700079671	Oblique incidence of plane stress waves on a thick cylindrical shell Technical report, Nov. 1967 - Mar. 1969	1969
19700079672	Fabrication techniques for advanced composite attachments and joints Final report	1969
19700079673	Plasma diagnostics on the ELMAX	1969
19700079674	Analysis of the dynamic motion of a circling line in the presence of winds and gusts	1969
19700079675	The effect of strain rate and microstructure on strength and ductility of 7075 aluminum alloy at 775 F and 900 F	1969
19700079676	AN/ASW-25A installation in SAR/Planeguard helicopter Final report, 26 Mar. - 15 Apr. 1968	1969
19700079677	Technical evaluation of failure of power supply PP-6099/APX-72 Final report	1969
19700079678	Significance of anisotropy and inhomogeneity in determining the elasticity of blood vessels, part 2	1969
19700079680	A laser spark as an excitation source for the spectra of highly ionized atoms	1969
19700079681	Microwave acoustical loss mechanisms in crystals Final report, 1 Oct. 1967 - 30 Apr. 1969	1969
19700079682	Failure mechanisms and analyses of sealed batteries Technical report, 1 Feb. 1968 - 30 Apr. 1969	1969
19700079683	Cost estimate errors resulting from the use of learning curve methods	1969
19700079684	Small-scale static load model study of pavement stresses resulting from C-141 and C-5A aircraft loadings Technical report, May 1967 - Jan. 1969	1969
19700079685	Electro-optical components optimization study program Final engineering report, 20 Jun. 1968 - 15 Mar. 1969	1969
19700079686	Research and development on a non-scanning microwave frequency identifier Quarterly report, 1 May - 31 Jul. 1969	1969
19700079687	Dynamic tests of a 10-deg cone having three angular degrees of freedom at Mach 8 Final report	1969
19700079688	Model conversion for CIRCUS, TRAC, SCEPTRE, and NET-1 Technical report, 1 Nov. 1968 - 15 Feb. 1969	1969
19700079689	Investigation and compilation of the thermodynamic properties of high temperature chemical species Quarterly technical report, 1 Apr. - 30 Jun. 1969	1969
19700079690	A6-A/DIANE system Final report, 1 Jul. 1967 - 30 Jun. 1968	1969
19700079691	Large scale integrated circuit arrays Final technical report, 15 Feb. 1966 - 31 Jul. 1968	1969
19700079692	Experimental barium-oxide frequency standard	1969
19700079693	Surveillance of Mark 1 Mod 1 rocket catapult /RAPEC 1/	1969
19700079694	A study of the method of pattern search applied to air-to-air missile parameter optimization	1969
19700079695	An airborne emitter mapping system	1969
19700079696	Development of molecular electronic display structures Final technical report, 1 Jun. 1966 - 30 Sep. 1968	1969
19700079697	An equation of state for metals Final report	1969
19700079698	Rapid annealing in N-type silicon following pulsed 10 MeV electron irradiation	1969
19700079699	Study of fracture mechanisms in titanium alloys	1969
19700079700	Computerized rocket evaluation and analysis program for spin stabilized rockets. Volume 1 - User's manual Final report, 3 Jan. - 19 Mar. 1969	1969
19700079701	Computerized rocket evaluation and analysis program for spin stabilized rockets. Volume 2 - Analyst manual Final report, 3 Jan. - 7 Mar. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079702	Generation of inerting gases for aircraft fuel tanks by catalytic combustion techniques, volume 2 Technical documentary report, Apr. 1968 - Jun. 1969	1969
19700079703	Catalysis of thermal decomposition and burning reactions of fuel-oxidant compounds Final report, 17 Apr. 1968 - 16 May 1969	1969
19700079704	Plasma formation in the boundary layer of a sharply pointed hypersonic vehicle	1969
19700079705	Qualification test of electric clutch brakes	1969
19700079706	Evaluation and qualification of a 40 kW constant speed drive for the A-7 aircraft Final report, 23 Apr. 1968 - 7 Jul. 1969	1969
19700079707	A 150 hour endurance portion of TF41-A-2 model qualification test	1969
19700079708	Representation of electromechanical ceramic transducers as thickness shear vibrators with piezoelectric and piezomagnetic excitation	1969
19700079709	Nonlinear acoustics of unstable combustion phenomena Final report, Dec. 1967 - Jan. 1969	1969
19700079710	Natural and induced electrical effects on integrated antennas and circuits at frequencies to 10 GHz Technical report, 28 Jun. 1968 - 30 Apr. 1969	1969
19700079712	Transport of optical radiation through the atmosphere	1969
19700079717	The blood supply of the skin of various regions of the body during exercise	1969
19700079718	Iridium Abundance in Ordinary Chondritic Meteorites	1969
19700079719	Fire retardant interior materials /crash worthiness/	1969
19700079720	Trajectory data sampling rate study	1969
19700079721	Metal-insulator-semiconductor integrated circuit amplifier Final technical report, 1 May 1968 - 31 May 1969	1969
19700079722	Investigation of manifold filling in a vacuum environment Final report, Nov. 1968 - Jul. 1969	1969
19700079723	On underwater visibility by sealed-beam light	1969
19700079724	Solid state tunable oscillator-mixer at X-band Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700079725	Whisker reinforced metals Final report, 5 May 1968 - 5 May 1969	1969
19700079726	Fluidic circuits for accelerometer Final report, 21 Apr. 1968 - 21 Apr. 1969	1969
19700079727	Development of high temperature resistant material for use in naval ordnance Final report	1969
19700079728	Laser eye hazards Interim report	1969
19700079729	Propagation of surface waves at the boundary between a piezoelectric crystal and a fluid medium	1969
19700079730	Operating characteristics of turbojet engines with afterburners	1969
19700079731	A 16-channel analyzer-recorder for stochastic processes	1969
19700079732	The LASAM missile dynavector fin actuation system Final report	1969
19700079733	Transient switching of fluidic bistable wall attachment amplifier Technical report	1969
19700079734	Aerobee AF AO 3.903-1 /15 August 1969/ Meteorological data report	1969
19700079735	J52-P-8A engine stall margin investigation in the TA-4F airplane Final report	1969
19700079736	A 1.06 micron image converter Technical report, 1 Mar. 1968 - 1 Mar. 1969	1969
19700079737	Infrared coherent detection techniques Final report, 5 Feb. 1968 - 5 Feb. 1969	1969
19700079738	Atmosphere aerosol properties deduced from optical studies	1969
19700079739	Some of the basic problems of noise trauma	1969
19700079740	Relationship between the recovery pattern in auditory fatigue and noise susceptibility	1969
19700079741	Winter on the airfield	1969
19700079742	Test for radioelectric measurement of projectile oscillations	1969
19700079743	Efficiency instrumentation and data collection for numerically controlled machine tools	1969
19700079744	The thermodynamics and magnetohydrodynamics of wave propagation in partially ionized plasmas	1969
19700079745	Use of the list-processing technique to generate a compiler for the MINSK 22 electronic computer	1969
19700079746	Correlated radionavigation systems	1969
19700079747	System description of Electronic Countermeasures Environment Simulator /ECES/	1969
19700079748	FORTTRAN program to obtain aerodynamic coefficients from pressure distributions output by the GASL three-dimensional method of characteristics program	1969
19700079749	Investigation of the S-34/p, gamma/Cl-35 resonant reaction using protons with energies of 1875-2175 keV	1969
19700079750	Satellite power system design	1969
19700079753	A study to determine if a correlation exists between metal fatigue life and the capability of the metal to absorb or retain an inert gas Final report	1969
19700079754	Evaluation of selected three layer thin films for compatibility with hybrid microelectronic fabrication techniques	1969
19700079755	Manufacturing methods and technology study covering fabrication of small rocket motor cases Final report	1969
19700079756	Oblique shock interaction experiments Final report	1969
19700079757	CODED models handbook Technical report	1969
19700079758	Calculation of radiation envelopes about point sources in the atmosphere - Program SLANT	1969
19700079759	Development of integrated circuits by the semiconductor on Teflon on dielectric process Final report	1969
19700079760	Neutron transport in a spherical subcritical assembly with an external neutron source	1969
19700079761	The potential use of zinc sulfide in an imaging infrared detector	1969
19700079762	Research on dissemination processes Quarterly progress report, 6 Jan. - 5 Apr. 1969	1969
19700079763	Study of the influence of solid films on the creep behavior of metals Final report, 15 Sep. 1968 - 15 Sep. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079764	The effect of stress histories on the strength of syntactic foam Final report, 1 Oct. 1968 - 29 May 1969	1969
19700079766	Establish manufacturing process for energetic propellant binder /U/ Interim engineering progress report, 15 May - 15 Aug. 1969	1969
19700079768	Quality assurance tests of two Minuteman wing 6 stage 3 /M57A1/ solid-propellant rocket motors at simulated altitude conditions - Tests VI-QA-80 and VI-QA-81 /motors S/Ns 0033396 and 0033417/ /U/ Final report	1969
19700079770	Semiannual progress report number 4 for January - June 1969 /U/	1969
19700079775	Techniques for the utilization of satellite observations in operational mapping of sea surface temperature Final report	1969
19700079776	TWT failure modes and mechanisms	1969
19700079777	A method of leak detection in sealed cavities	1969
19700079779	Multisensor weapon delivery system Final report	1969
19700079780	Marine Geophysical Survey Program 1965-1967. Western north Pacific Ocean and South China Sea. Area 13, volume 7 - Ship operations, measurements at sea and data analysis procedures	1969
19700079781	Birds Eye 2-69, 23 February - 9 March 1969 Informal report	1969
19700079782	Dual-mode /manned/automated/ lunar roving vehicle design definition study First monthly program progress review	1969
19700079783	Low cost launch vehicle study	1969
19700079784	The 15.3 GHz ground receiver systems for the ATS millimeter wave propagation experiment, volume 1 Final technical report	1969
19700079785	A 15 Foot Diameter Ground Antenna and Dual Frequency Feed, Volume 2 Final Technical Report	1969
19700079786	Research and development of an inert fluid injection system for a solid propellant rocket, phases 1 and 2 Final project report, 20 Sep. 1968 - 20 Apr. 1969	1969
19700079787	Life test report SET 8 thermionic generator-2	1969
19700079790	On the figure and gravity field of the earth, part 1	1969
19700079791	Multipath study Final report 1 Jul. - 31 Aug. 1969	1969
19700079795	Manufacturing methods for large high- temperature sandwich structures Interim engineering progress report, 16 Mar. - 15 Jun. 1969	1969
19700079796	Data formats of the Goddard range and range rate system and the application technological satellite range and range rate system	1969
19700079797	A thermogravimetric study of the kinetics of polymer pyrolysis Technical report, Apr. 1968 - Apr. 1969	1969
19700079798	Delta class Venus probe mission study volume 1 Final project report, 11 Apr. - 9 Oct. 1969	1969
19700079799	Delta class Venus probe mission study, volume 2 Final project report, 11 Apr. - 9 Oct. 1969	1969
19700079800	Delta class Venus probe mission study, summary volume Final project report, 11 Apr. - 9 Oct. 1969	1969
19700079801	Airborne sonar investigation, volume 1 /U/ Final report, 1 Apr. 1968 - 31 Mar. 1969	1969
19700079802	Investigation of the thermodynamic properties of propellant ingredients /U/ Final progress report, 1 Jan. 1967 - 30 Jun. 1969	1969
19700079803	Fast-burning composite propellants /U/	1969
19700079804	Thermospheric convective instability /U/ Technical report, Jul. - Dec. 1968	1969
19700079805	Pyrochemical thermionic power source /U/	1969
19700079806	Development of a very highly efficient high-energy propellant /U/ Final report, 1 May 1967 - 30 Apr. 1969	1969
19700079807	Design of an advanced multifunction radar, volume 1 /U/ Final report, 1 Mar. - 31 Oct. 1968	1969
19700079808	Design of an advanced multifunction radar, volume 2 /U/ Final report, 1 Mar. - 31 Oct. 1968	1969
19700079809	Design of an advanced multifunction radar, volume 4 /U/ Final report, 1 Mar. - 31 Oct. 1968	1969
19700079810	Design of an advanced multifunction radar, volume 5 /U/ Final report, 1 Mar. - 31 Oct. 1968	1969
19700079811	Static force tests of a multipurpose entry vehicle at Mach numbers 1.5, 3.0, and 5.5 Final report	1969
19700079812	Vacuum-irradiation tests on the D-21 expandable airlock thermal control coating, part 1 Interim report, Feb. 1968 - Mar. 1969	1969
19700079813	Protection of floating pontoons from corrosion. Part 3 - Condition of test floats after three years Technical note, Jul. 1968 - Jul. 1969	1969
19700079814	Anti-icing tests of a TF30-P-8 turbofan engine at sea level static conditions Final report	1969
19700079815	Luneberg lens antenna-testing for ECM application Research and development report, Mar. 1967 - Apr. 1968	1969
19700079816	Heat transfer studies related to the safety of radioisotopic power sources	1969
19700079817	High capacitance thin film structures Quarterly progress report, 5 Mar. - 4 Jun. 1969	1969
19700079818	Calculation of neutron and neutron induced gamma fluences from a point source in the atmosphere	1969
19700079819	Electro-optical surveillance Cloudcroft Final contractual report, Jul. 1968 - Jul. 1969	1969
19700079823	Examination of possible polymer coating for a potable water system Final report	1969
19700079824	Investigation of one-dimensional, minimum time, thrust-limited rocket rendezvous in a velocity-squared drag environment	1969
19700079825	Study of airborne millimeter radar techniques Quarterly report, 21 Jan. - 21 Oct. 1968	1969
19700079826	Organic electrolyte permselective membranes Annual report, 1 Apr. 1968 - 1 Apr. 1969	1969
19700079827	Electric field effect studies in ENDOR spectroscopy Final report	1969
19700079828	Compound semiconductor integrated circuits Quarterly report, 1 Apr. - 30 Jun. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079829	The application of holography to structural analysis - A review of the state-of-the-art, and certain preliminary experimental results	1969
19700079830	Determination of the wind response of AS-504 by statistical methods	1969
19700079831	Research and development programs Quarterly report, Jul. - Sep. 1969	1969
19700079832	Advanced Injectors for Space Storable Propellants Final Report, 25 Jun. 1968 - 10 Jun. 1969	1969
19700079833	Turnaround time study - Revised launch vehicle cost model	1969
19700079834	Experimental investigation of capillary propellant control devices for low gravity environments Quarterly progress report, 1 Feb. - 30 Apr. 1969	1969
19700079835	Improvement of titanium alloy ingot consolidation Interim technical report, May - Aug. 1969	1969
19700079836	Ablative plastic characterization in rocket motor exhaust Summary report, 15 Apr. 1968 - 1 Apr. 1969	1969
19700079837	Radiation degradation and angular response of experimental solar cells in a 2000 nautical mile polar orbit Final report, 1 Jun. 1965 - 1 Feb. 1969	1969
19700079838	Development of a manufacturing process for fabricated diffusion bonded hollow blades Final technical report, 1 Feb. 1968 - 31 Jul. 1969	1969
19700079839	Production implementation of high-energy impact rubber forming Final report, 1 Nov. 1967 - 30 Apr. 1969	1969
19700079840	Quantum limitations on optical communications Final report, 1 Dec. 1966 - 31 Jan. 1968	1969
19700079841	Filtration of turbine-engine fuels under conditions of low ambient temperature	1969
19700079842	On the turbulent diffusion in the ground air layer	1969
19700079843	A frequency-agile high-resolution radar Interim report	1969
19700079844	Note on the convergence of the development of the potential in spherical harmonics	1969
19700079845	Sequency multiplex systems for telephony and data transmission. 2 - Single sideband modulation	1969
19700079846	Sequency multiplex systems for telephony and data transmission. 1 - Quadrature modulation	1969
19700079847	Antenna impedance-matching box-100 W. pep Quarterly technical report	1969
19700079848	LALL Low Altitude Low Light level V/H and drift sensor Final report, Jul. 1966 - Apr. 1969	1969
19700079849	Dissociation energy of gaseous molecular cerium Technical report, 1 May - 30 Oct. 1968	1969
19700079850	Development of materials and materials application concepts for joint use as cryogenic insulation and micrometeoroid bumpers Progress report, Jan. - Mar. 1969	1969
19700079851	Low gravity propellant control using capillary devices in large scale cryogenic vehicles Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19700079852	Rescue helicopters	1969
19700079853	Spectrum utilization characteristics of FM telemetry transmitter, conic, model CTM-UHF-310	1969
19700079854	Spectrum utilization characteristics of transmitter, telemetry, VHF, phase modulated, Dorsett Electronics, Incorporated model TR-402	1969
19700079855	Feasibility study of non-Newtonian gelled fluids as a shock and vibration isolation medium Final report	1969
19700079856	Theoretical investigation of metallic perforation by kinetic energy projectiles Final report, 1 Mar. 1968 - 28 Feb. 1969	1969
19700079857	Proximity effect between superconducting and normal metals Semiannual report	1969
19700079858	Spectroscopy and solid state quantum electronics at optical and infrared wavelengths Semiannual status report, 1 Oct. 1968 - 31 Mar. 1969	1969
19700079859	Collocation flutter analysis study. Volume 1 - General program description Final report, Mar. 1968 - Mar. 1969	1969
19700079860	Collocation flutter analysis study. Volume 2 - FLUENC computer program to calculate structural influence coefficients Final report, Mar. 1968 - Mar. 1969	1969
19700079861	Collocation flutter analysis study. Volume 3 - AICs computer program to calculate unsteady aerodynamic influence coefficients for subsonic, transonic and supersonic flight Final report, Mar. 1968 - Mar. 1969	1969
19700079862	Collocation flutter analysis study. Volume 4 - COFA computer program to perform flutter analysis by the collocation method Final report, Mar. 1968 - Mar. 1969	1969
19700079863	The impulsive rupture of thin plates due to the impact and penetration of a fragment pattern	1969
19700079864	Flight control report aerospace vehicle stability and control	1969
19700079865	Behavioral science and research and development management	1969
19700079867	Investigation of the use of stellar references for automatic orientation of theodolite platforms. An optimum filter/control problem	1969
19700079868	Airborne temperature surveys of Lake Michigan, October 1966 - October 1967	1969
19700079869	Electron physics research Quarterly report, 1 Mar. - 31 May 1969	1969
19700079870	Manufacturing methods report Technical report, 1 May - 31 Jul. 1969	1969
19700079871	Single crystal perovskites as electrooptically active materials	1969
19700079872	Synthesis and characterization of some polyesters as model elastomer systems Technical report, May 1966 - Dec. 1967	1969
19700079873	Synthesis and evaluation of new and improved gyro flotation fluids Final technical report, 1 Jun. 1968 - 31 Mar. 1969	1969
19700079874	Ionospheric data report, June 1969 Monthly data report	1969
19700079875	Follow-up work on fibrous suppressors for Lance early-reaction problem	1969
19700079876	The behavior of room filters toward bacteria	1969
19700079877	Experimental investigations of a uranium plasma pertinent to a self-sustaining plasma source Annual technical report, 1 Jan. - 30 Jun. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079878	Airborne sonar investigation equipment information report, volume 2 Final report, 29 Apr. 1968 - 31 Mar. 1969	1969
19700079879	Development of a temperature indicating sensor for use in ablative rocket nozzles Final report, 1 Aug. 1967 - 15 May 1969	1969
19700079880	Fiber-reinforced metal-matrix composites, 1968	1969
19700079881	Maraging steel propellant storability test tank Final report, 9 Oct. 1968 - 8 Aug. 1969	1969
19700079882	Cosmodrome - A launch pad into space	1969
19700079884	Neutron-irradiation damage in gold-doped silicon	1969
19700079885	Birds Eye 7-68, 1-17 November 1968	1969
19700079886	Automatic landing of aircraft, part 2	1969
19700079887	Manufacturing in-process control and measuring techniques for integral electronics Final technical-report	1969
19700079888	Radiation and scattering from bodies of revolution Final report, 1 Jun. 1967 - 31 Jul. 1969	1969
19700079889	Comparison of ultraviolet reflectivity and characteristic electron energy loss measurements of ZnO and CdS single crystals	1969
19700079890	Development of improved cutting tool materials Interim engineering progress report, 16 Mar. - 15 Jun. 1969	1969
19700079891	A parametric study of the D-region	1969
19700079892	The problem of determining the accuracy of the Bouguer anomaly	1969
19700079893	A hot channel thermal analysis of selected coolant channels in the NETR core	1969
19700079894	Photography. Volume 3 - Underwater photography Report bibliography, Jan. 1953 - Mar. 1969	1969
19700079895	Photography. Volume 2 - Rapid photographic processing Report bibliography, Jan. 1953 - Mar. 1969	1969
19700079896	Ausforging large, high-strength steel aircraft structural components Interim engineering progress report, 24 May - 31 Jul. 1969	1969
19700079898	LSTS design report	1969
19700079899	User's manual for surface thermal simulator	1969
19700079900	An investigation of the first-pulse characteristics of monopropellant hydrazine reactors	1969
19700079901	Isolation of helicopter rotor-induced vibrations using active elements Final report, Jun. 1966 - Feb. 1968	1969
19700079902	An investigation of the dynamic stability characteristics of a quad configuration, ducted-propeller V/STOL model. Volume 4 - The longitudinal stability characteristics of a quad configuration, ducted-propeller V/STOL model at high duct incidence Final technical report	1969
19700079903	A study of aerodynamic performance evaluation and comparison techniques for V/STOL aircraft	1969
19700079904	Elevated temperature mechanical properties of FM 5014 graphite phenolic composite obtained under rapid heating conditions	1969
19700079905	First year of effort on the development of duplex metallurgical structures for aircraft rolling bearings Summary report	1969
19700079906	Tangential transfers between coplanar, elliptic, near-earth orbits of small eccentricities	1969
19700079907	Feasibility investigation of a Neutron in a conduction cooled sonar amplifier module Interim development report no. 3, 1 Jun. - 31 Aug. 1969	1969
19700079909	Tactical data converter design study Final report, 20 Aug. 1968 - 1 Jun. 1969	1969
19700079910	Production engineering measure for subminiature, high reliability ceramic capacitors Final report, 13 Jun. 1966 - 30 Mar. 1969	1969
19700079911	Manufacture of jet engine thrust bearings by ausforming Interim engineering report, 15 Jun. - 15 Sep. 1969	1969
19700079912	Image device Final report, 25 Mar. 1968 - 25 Mar. 1969	1969
19700079913	Environmental data report, Gulf of Thailand, December 1967 to February 1968	1969
19700079914	The US Naval Oceanographic Office's deep ocean survey project	1969
19700079915	UHF amplifier AN/GRA-110/XW-1/ Final technical report, Apr. 1967 - May 1969	1969
19700079916	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Mar. - 20 Jun. 1969	1969
19700079917	Microwave properties of partially magnetized ferrites Final technical report, 5 Aug. 1968 - 5 Aug. 1969	1969
19700079918	CW and Q-switched capabilities of neodymium-doped calcium fluorophosphate Final technical report, 10 Apr. 1968 - 10 Apr. 1969	1969
19700079919	Evaluation of Texas Instruments, Incorporated, failure alarm monitor prototype model Phase report no. 3	1969
19700079920	Air-to-air missile launch range maximization	1969
19700079922	Lance components - The design of radiation- sensitivity experiments for electronic components Final technical report	1969
19700079923	A periodically loaded, latching, non- reciprocal ferrite phase shifter	1969
19700079924	A method of removing carbon dioxide from gases with aqueous solutions of soda or potash	1969
19700079925	The formal definition of BASEL. Part 3 - Interpreter	1969
19700079927	Development of composite tape laying process for advanced fibrous reinforced composite structures Quarterly report, 15 Jan. - 15 Apr. 1969	1969
19700079930	The effects of gas-tungsten-arc parameters on fusion zone geometry and soundness Technical report, Mar. 1968 - Mar. 1969	1969
19700079931	Superconductivity of alloys and superfluidity Final report, 1 Jan. 1966 - 30 Jun. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079932	Sampling tests of 18, 24-volt, 18 ampere-hour, lead acid aircraft batteries, MS18045-41 Gill P/N GE51-E manufactured by Teledyne, Incorporated, Gill Electric Division	1969
19700079933	Electronic signal processing techniques. Phase 1 - Nondestructive testing Technical report, 30 Oct. 1968 - 15 Jul. 1969	1969
19700079934	Spurious response measurements of a diode mixer Final report	1969
19700079935	Research and development of semiconductor diodes for use in harmonic generator applications using single diodes Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
19700079936	Compilation of infrared spectra of ingredients of propellants and explosives	1969
19700079937	Nike-Apache DRS NASA 14.423 UA /22 August 1969/	1969
19700079939	Subsurface crack detection study Final report, Jan. - May 1969	1969
19700079940	A study of automatic fire protection systems for advanced bases Final report, 8 Apr. - 21 Jul. 1969	1969
19700079941	The 300C transformer rectifier Interim technical report, 1 Oct. - 31 Dec. 1968	1969
19700079942	Primary battery prove-out program for the Talos missile, supplement 1 Final report	1969
19700079943	Quartz crystal unit type CR-67/U and CR-XM-67/U production engineering measure Quarterly progress report, 25 Nov. - 25 Feb. 1969	1969
19700079944	Mechanical properties, including fracture toughness and fatigue, corrosion characteristics and fatigue-crack propagation rates of stress-relieved aluminum alloy hand forgings Technical management report no. 6, 15 Jun. - 15 Aug. 1969	1969
19700079945	Design of a facility to gather data on damage incurred by plane surfaces during sand storms Final report	1969
19700079946	Study of helicopter gear lubrication Quarterly progress report, Mar. - May 1969	1969
19700079947	Atomic collision processes relating to the ionosphere Final report, 1 Sep. 1968 - 31 Aug. 1969	1969
19700079948	The titanium-aluminum-zirconium system - The 1650 F isotherm from 50 to 75 atomic percent aluminum	1969
19700079949	Time-optimal rendezvous from a circular orbit using a thrust-limited rocket	1969
19700079950	Comparison of interplanetary trajectories as computed by patch-conic and perturbation methods	1969
19700079951	A non-RF flight deck communicator Final report, 5 May 1968 - 8 Jul. 1969	1969
19700079952	Comparison of truncation errors of optimum steady-state and critically damped second- order filters	1969
19700079953	A user's view of the character recognition program	1969
19700079954	Modifications to auxiliary control executive processor Final technical report	1969
19700079955	Design and evaluation of friction welding	1969
19700079956	Research in radiation physics and aerodynamics Semiannual technical summary report for period ending 30 Sep. 1969	1969
19700079957	Techniques for the suppression of sidelobe and backlobe energy from high-gain radar antennas	1969
19700079958	Susceptibility of potential target components to defeat by thermal action Quarterly progress report, 2 Mar. - 2 Jun. 1969	1969
19700079960	Test and evaluation of the Mark systems model 1610 bioculars	1969
19700079961	Optimal control of ablation during hyperbolic entry	1969
19700079962	Thin-film field-effect transistors	1969
19700079963	White Sands Missile Range climatography number 6 small missile range site, WSMR	1969
19700079964	A description and definition of simple AMBIT/G - A graphical programming language Semiannual report, 22 Dec. 1968 - 21 Jun. 1969	1969
19700079965	Spectrophotometry of atmospheric phenomena at high latitude Final technical report, 7 Sep. 1967 - 23 Jun. 1969	1969
19700079966	Production engineering measure for subminiature feed-through ceramic dielectric capacitors Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19700079967	Production engineering measure for subminiature feed-through ceramic dielectric capacitors Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19700079968	Reentry physics research program on turbulent wakes Semiannual progress report, 1 Jan. - 30 Jun. 1969	1969
19700079969	Feasibility investigation of a heat pipe controlled burner-boiler system for an organic Rankine generator Final technical report, 30 Sep. 1968 - 30 Apr. 1969	1969
19700079970	High-resolution measurements of rotational lines of molecular species in homogeneous arc plasmas. Population of energy levels at low electron densities	1969
19700079971	Gas lubrication research for 1900 degrees F non-isothermal operation. Part 3 - Bearing distortions, material investigations, and high temperature operation Final report, 1 Mar. 1968 - 1 Jun. 1969	1969
19700079972	A small-scale fissuring test	1969
19700079977	ALSS-1, phase 2A, design analysis of ALSS-1 subsurface deployment /U/ Final report, May 1968 - Sep. 1969	1969
19700079978	NOS-GI-4 propellant evaluation with gas generator Mark 6 Mod 2 /Sidewinder/ /U/ Summary report, Oct. 1967 - Jul. 1968	1969
19700079979	Development of a three-stage 60-18 mm variable magnification image intensifier /U/ Quarterly technical report, 1 May - 31 Jul. 1969	1969
19700079980	Development program for improving S-1 photocathode sensitivity /U/ Quarterly technical report, 1 Apr. - 30 Jun. 1969	1969
19700079981	Development program for improving S-1 photocathode sensitivity /U/ Quarterly technical report, 1 Jan. - 31 Mar. 1969	1969
19700079991	Third general surveillance evaluation of 5.00 inch rocket motors Mk 16 /Zuni/ Mods 1 and 2 /U/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079992	Photosensitive micro-array correlator /U/ Final report, 21 Mar. 1968 - 1 May 1969	1969
19700079994	Effect of sulfur in JP-5 fuel on hot corrosion of coated super alloys in marine environment Progress report, 2 Oct. 1968 - 1 Jan. 1969	1969
19700079995	Fleuristic air data computer, phase 1 Final report, 1968-1969	1969
19700079996	Velocity profile atlas of the Mediterranean and Black Seas composite profiles. Volume 1. Eight deg W to 20 deg E and the Black Sea	1969
19700079997	Velocity profile atlas of the Mediterranean and Black Seas composite profiles. Volume 2. Twenty deg E to 40 deg E	1969
19700079998	Optimum signal and spectrum generation Final technical report, 23 May 1966 - 22 May 1969	1969
19700079999	T58-GE-16, official sand ingestion test, engine serial no. 297001-5B. Per military specification MIL-E-8595 and General Electric model specifications E1105	1969
19700080000	An investigation of ignition and fire spread characteristics of cloth covered upholstery and carpeting	1969
19700080001	UHF RF preselector study Interim development report, 3 Jun. - 15 Sep. 1969	1969
19700080002	Ultrahigh speed microcircuit prescaler Interim engineering report, 20 Apr. - 20 Jul. 1969	1969
19700080003	Bottom slope distributions and implied acoustic bearing errors in abyssal hill regions of the North Pacific	1969
19700080004	Development of a process for producing transparent spinel bodies Final technical report, 15 Sep. 1968 - 15 Sep. 1969	1969
19700080006	Investigation of the application of coherent acoustic imaging to nondestructive testing Semiannual technical report, Nov. 1968 - Apr. 1969	1969
19700080007	Production engineering measure for a 25 kW X-band traveling-wave tube Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
19700080008	Fluidic vortex valve servoactuator development Final report, 24 Jun. - 23 Dec. 1968	1969
19700080009	Pulse power welding, the effects of welding and travel parameters on weld metal cooling rates Technical report, 1 Sep. - 31 Dec. 1968	1969
19700080010	Study and evaluation of V/STOL ground-based simulation techniques for the X-22A aircraft	1969
19700080011	Gradiometers for determination of ocean gravity	1969
19700080012	Investigation of factors affecting small turbine efficiency and loss prediction Final report	1969
19700080014	Bookkeeping exhaust nozzle/airframe interactions	1969
19700080015	Nike-Apache DRS NASA 14.422 UA /13 August 1969/	1969
19700080017	Titan 3 aerodynamic characteristics data report	1969
19700080018	Offset oxygen mask bayonet	1969
19700080021	Nike-Javelin Pre-Secede-1 /5 September 1969/ Nike-Javelin Pre-Secede-2 /6 September 1969/ Nike-Javelin Pre-Secede-3 /13 September 1969/ Meteorological data report	1969
19700080022	Marine geophysical survey program 1965 - 1967. Western north Pacific Ocean and South China Sea, area ST. Volume 3 - Catalog of data Final report	1969
19700080027	Energetic propellant plasticizer process development /U/ Final technical documentary report, 20 May 1968 - 31 May 1969	1969
19700080028	Vector change comparator /U/ Final report	1969
19700080034	Reactivity and aging studies on selected propellant ingredients /U/ Special technical report, 1 Jul. 1968 - 1 May 1969	1969
19700080037	Improved propellants for throttleable solid air-augmented rockets /U/ Quarterly technical report, 2 Jun. - 31 Aug. 1969	1969
19700080038	Some oceanographic observations during field operations in the Block Island area 19-30 July 1965. Part 3 - Low altitude aerial photography of near surface light scattering /U/	1969
19700080042	Plasticizers for high-rate propellants /U/	1969
19700080044	Rotary-winged crew member flight clothing Final report	1969
19700080045	The 30000-rpm vane pump demonstration Interim technical report, 1 Jul. - 30 Sep. 1969	1969
19700080046	Jet engine exhaust blast tests on Goodyear aluminum mat panels Final report	1969
19700080047	Development of self-extinguishing retroreflectors Final report, Nov. 1968 - Jul. 1969	1969
19700080048	Bomex flux and profile measurements from FLIP Final report, 19 Mar. - 29 Aug. 1969	1969
19700080049	A risk model for the transport of hazardous materials Final report, Jul. 1968 - Jun. 1969	1969
19700080050	Evaluation of trans-sonics fluxbar turbine inlet temperature sensor Final report	1969
19700080051	Underwater laser surveying system Final report, 21 Oct. 1968 - 13 Jan. 1969	1969
19700080052	Silver-zinc electrodes and separator research Technical report, 30 Jun. 1967 - 30 Jun. 1969	1969
19700080053	Investigation of the uses of ultrasound for tumor heating in differential hyperthermia	1969
19700080054	Studies in theory and application of Kalman filtering Final technical report	1969
19700080055	Optimal stochastic control of continuous systems with noisy measurements	1969
19700080057	A manual stand-by control system for tactical fighter aircraft through the use of an asymmetric thrust reverser	1969
19700080058	Industrial instrument corporation differential pressure indicating switches design and material evaluation Final report	1969
19700080059	A least squares approach to multilinear regression in regions bounded by linear constraints	1969
19700080060	Research on dissemination processes - Optimum potential models for unlike interactions in gas mixtures Technical report, Jun. 1968 - Apr. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080061	Production engineering measure for a 25 kW X-band traveling-wave tube Quarterly progress report, 14 Oct. 1968 - 31 Mar. 1969	1969
19700080062	Optical technology program Final report	1969
19700080063	High efficiency octave bandwidth traveling wave tube Final technical report, 1 Jan. 1968 - 31 Mar. 1969	1969
19700080064	Four system test demonstration three module testing	1969
19700080065	Determination of prepolymer functionality and its relationship to binder properties Interim technical report, 3 Feb. - 31 Aug. 1969	1969
19700080066	Covered electrode welding, the effects of welding variables on initial weld metal cooling rates Technical report, 1 Jan. - 31 Mar. 1969	1969
19700080068	Simplified Tactical Approach and Terminal Equipment /STATE/	1969
19700080069	Manual astronaut navigation	1969
19700080070	Utah launch complex climatography, Green River, Utah, Green River met site	1969
19700080071	A phase transition investigation of coated and uncoated ammonium nitrate by thermal analysis	1969
19700080072	Aerobee NASA 4.312 UG /9 September 1969/	1969
19700080073	Production engineering measure for C, L, and S band grid pulsed triode and cavity oscillators. Volume 1 - Engineering report Final report, 29 Jun. 1967 - 29 May 1969	1969
19700080074	Production engineering measure for C, L, and S band grid pulsed triode and cavity oscillators. Volume 2 - Manufacturing drawings, processes and specifications Final report, 29 Jun. 1967 - 29 May 1969	1969
19700080075	Production engineering measure for C, L, and S band grid pulsed triode and cavity oscillators. Volume 3 - Quality control procedures Final report, 29 Jun. 1967 - 29 May 1969	1969
19700080078	The 5-kilowatt, 1-kilovolt, laminated sonar transistor Interim engineering report, 1 Apr. - 30 Jun. 1969	1969
19700080079	Transmittance of M13 Army binoculars in region between 3400 and 4500 A	1969
19700080080	Production engineering measure manufacture of glass-holder crystal units - Type CR-XM-66/U Final report	1969
19700080081	Wedge diffraction theory analysis of parallel-plate waveguide arrays	1969
19700080082	A theory for quantitative description and recognition of patterns	1969
19700080083	Evaluation of atmospheric transport and diffusion Semiannual report, 15 Dec. 1968 - 15 Jun. 1969	1969
19700080084	AESOP-B display programmer system programming manual	1969
19700080085	Advanced concepts of microwave generation and control in solids Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
19700080086	Program Titan 3M standard space launch vehicle component development report for the Titan 3M stage 1 combustion chamber	1969
19700080087	Earthquake occurrence and effects in ocean areas Final report, 28 Jun. 1968 - 31 Mar. 1969	1969
19700080088	Gas metal-arc welding of high strength steels with low oxidizing shielding gases, part 1 Technical report, 17 Aug. 1967 - 1 Mar. 1968	1969
19700080089	Convertible fan/shaft engines incorporating variable-pitch fan rotors Final report	1969
19700080090	Helicopter transmission oil heat rejection investigation Final report, 1 Jul. 1967 - 31 Jul. 1968	1969
19700080091	Interference photo cathodes, T419-J203	1969
19700080092	Atmospheric structure, White Sands Missile Range, New Mexico. Part 5 - Tropopause occurrence desert site	1969
19700080093	Weight selection in first-order linear filters Technical report	1969
19700080096	V-angle automation vidicon test report	1969
19700080098	Dynamic testing of energy attenuating devices	1969
19700080099	Phased array multimoding and electronic stabilization development for use with airborne phased array antenna, parts 1 and 2 Final engineering report	1969
19700080100	Phased array multimoding and electronic stabilization development for use with airborne phased array antenna, part 3 Final engineering report	1969
19700080101	Qualification test spare ultraviolet fire detectors, Fenwal P/N 90016-2 Final test report	1969
19700080102	Space programs Quarterly report, Jul. - Sep. 1969	1969
19700080103	Explosive forming of solid propellant rocket motor end closures Interim engineering progress report, 1 May - 1 Aug. 1969	1969
19700080105	Electron beam welding of thick sections Final report, 15 Jun. 1967 - 15 Jul. 1969	1969
19700080106	The 300C transformer rectifier Interim technical report, 1 Apr. - 30 Jun. 1969	1969
19700080107	Mass spectrometric study of rare earth-carbon systems. Part 4 - The erbium-carbon system Technical report, 1 May - 31 Dec. 1968	1969
19700080108	Human engineering for the Air Force control- display program Final report, 25 Jun. 1966 - 24 Jun. 1969	1969
19700080109	Avalanche diode sources Final report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700080110	Summary of closed resonator measurements of the electron density in the wakes of hypervelocity spheres Final report, Aug. 1968 - Feb. 1969	1969
19700080111	Ablation of quartz in a potassium seeded flow Final report, Jan. 1967 - Jul. 1968	1969
19700080112	A comparison of radar and phototheodolite collected ballistic data Final report, 15 Oct. 1968 - 30 Apr. 1969	1969
19700080113	Aircraft hydraulic servomechanisms	1969
19700080114	Compressibility of simulated lunar soils in air and in ultrahigh vacuum	1969
19700080115	ARPA antenna study. Part 1 - Dispersion study Final technical report, 27 Nov. 1967 - 27 Oct. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080116	ARPA antenna study. Part 2 - MCH element investigation Final technical report, 27 Nov. 1967 - 27 Oct. 1968	1969
19700080117	High-speed digital circuitry Final report, 1 Apr. 1967 - 15 Nov. 1968	1969
19700080119	Review of recent developments - High energy rate processes	1969
19700080120	Investigation and compilation of the thermodynamic properties of high temperature chemical species Quarterly technical report, 1 Jul. - 30 Sep. 1969	1969
19700080121	On the extension of the North African gravimetric net to the French Sahara	1969
19700080122	Development of a water-displacing corrosion preventive Final technical report, 1 Sep. 1968 - 31 Aug. 1969	1969
19700080123	Cyclic strain evaluation of aircraft wheel segments and assemblies	1969
19700080124	Geosciences and technology bulletin, volume 7, number 1	1969
19700080125	Preliminary design report of low volumetric flow turbine	1969
19700080126	Analytical prediction of defects occurrence in simple and complex forgings Technical report, Mar. 1968 - Apr. 1969	1969
19700080127	Simulation research to develop objective meteorological prediction capability Semiannual report, 15 Nov. 1968 - 16 May 1969	1969
19700080128	An analysis and simulation of breech-launched rockets. Part 1 - Analysis	1969
19700080129	Weather data for use in analysis	1969
19700080130	Manufacturing techniques for controlled deposition and application of doped oxides 'interim engineering progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19700080131	Aerodynamic heating and cooling temperature criteria determination for air-launched liquid rocket motors	1969
19700080133	Establishing production capability for mass producing BA-4386 // PRC-25 batteries using the balaguer reverse-electrode cell construction of us patent 2903499 Final engineering report, 27 Mar. 1967 - 29 May 1969	1969
19700080134	Resonant absorbers for waterborne sound with relaxation losses in high polymers	1969
19700080135	Factors controlling the strength of composites - Interphase fracturing of composite bodies Final report, 1 Feb. 1968 - 1 Mar. 1969	1969
19700080136	Control System Optimization for Saturn 5 Launch Vehicles Using Gradient Techniques Final Report, 31 Oct. 1968 - 30 Apr. 1969	1969
19700080138	Intermediary report for the model 38.021 and model 38.026 radial waveguide antennas	1969
19700080139	Optimization of design of space experiments from the standpoint of data processing Semiannual report, 1 Apr. - 30 Sep. 1969	1969
19700080141	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of properties of oxygen Quarterly progress report for period ending, 30 Sep. 1969	1969
19700080143	Genetic and metabolic variability in autotrophic and heterotrophic bacteria Status report, 1 May - 31 Oct. 1969	1969
19700080144	Free oscillations of new lunar models	1969
19700080145	Suppression of transmitted harmonic vertical and inplane rotor loads by blade pitch control Final report, Jul. 1967 - Nov. 1968	1969
19700080146	Transistor, silicone encapsulated, driver 2.5 watts - 500 MHz PEM Final report, Jun. 1967 - May 1969	1969
19700080148	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments - Materials test and propellant heating test Quarterly progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19700080150	Study of a water electrolysis system to support an intermediate size lunar mission Technical summary report, 15 Nov. 1968 - 15 Apr. 1969	1969
19700080151	The effect of changing gravity and weightlessness on vasopressin control systems Progress report, 16 Feb. - 20 Oct. 1969	1969
19700080152	An explicit analytic guidance formulation for many-body space trajectories	1969
19700080153	Five micron /Hg, Cd/ Te IR detector development Final technical report, 25 Apr. 1968 - 24 Jan. 1969	1969
19700080154	Effects and control of contamination from a scaled MOL attitude control thruster in a tangential orientation Final report, 1 May - 21 Dec. 1968	1969
19700080155	Optimum fuel consumption trajectory for single stage missile	1969
19700080156	Improved initial value estimates for minimum fuel orbital transfers	1969
19700080158	Cesium bombardment ion engine system development Final technical report, Oct. 1966 - Jun. 1969	1969
19700080159	A numerical basis transformation with application to least square solutions of scattering by thin wires	1969
19700080160	User's manual for CODED plot program	1969
19700080161	Wall flows	1969
19700080162	Typical satellite cloud patterns associated with synoptic weather types	1969
19700080163	Vertical and transverse loads and motions of a segmented model in regular waves	1969
19700080164	Preliminary aerodynamic study of a large air-to-surface missile	1969
19700080165	Liquid metal MHD experiment	1969
19700080166	A summary of testing a disc clutch servo in a mechanical control system	1969
19700080167	Laboratory vision tests of military aircrewmembers. Part 2 - The 1967 tests	1969
19700080168	Collection of topics on semiconductor devices, volume 2 Bibliography report, Jan. 1963 - May 1969	1969
19700080169	Testing and extension of the space triangulation procedure in a local Cartesian coordinate system	1969
19700080170	Rigid body fluctuating pressure test /1AL2/. Volume 1 - Sequence number B239 Fluid dynamics final test report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080171	The theoretical amplification characteristics of multiple cavity masers for strong and weak maser action	1969
19700080172	The effect of voids on the mechanical properties of high modulus graphite fiber/ epoxy-reinforced composites Technical report, 27 May 1968 - 26 Aug. 1969	1969
19700080173	Aerodynamic studies of antenna breakdown. Part 2 - The effect of electron attaching additives on the injected plasma layer /U/ Final report, 14 Jan. 1967 - 14 Jan. 1969	1969
19700080174	Message compression for submarine broadcast traffic - Compressing and expanding by computer. A Neliac program written for the CDC-1604 and suitable for a small scale computer with memory of 8000 /16 bit/ words is developed and evaluated /U/ Research and development report, Jun. 1967 - Dec. 1968	1969
19700080175	Performance characteristics and analysis of liquid-injection thrust-vector control, supplement /U/	1969
19700080177	Production engineering measure on laser- diode array /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19700080178	An interactive system for computer aided detection and classifications /U/	1969
19700080179	Evaluation of new polymers for high burning rate propellants /U/	1969
19700080180	AAM ramburner technology /U/ Interim technical report, Apr. - Jul. 1969	1969
19700080182	Independent research and independent exploratory development programs, fiscal year 1969 /U/ Annual report	1969
19700080183	Fiber optics image inverter /U/ Interim quarterly report	1969
19700080184	Fiber optics image inverter /U/ Interim quarterly report	1969
19700080186	Gated 72 mm microchannel array study /U/ Engineering report, 24 Jul. - 24 Oct. 1968	1969
19700080188	Linear IF amplifier /U/ Final report, period ending 31 Jul. 1969	1969
19700080191	Copolymerization studies of alkenylcarboranes /U/	1969
19700080193	Correlation of Flight-measured Wing Loads with Wind-tunnel and Theoretical Predictions for a Variable-geometry Fighter-type Airplane /U/	1969
19700080196	Microchannel amplifier statistics /image intensifier/ /U/ Final report, 30 Jun. 1966 - 29 Nov. 1968	1969
19700080197	Studies in resource estimation for development programs /U/ Final report	1969
19700080198	Research and investigation of target signature and target background studies for image intensifiers /U/ Quarterly technical progress report, 1 Jun. - 30 Aug. 1969	1969
19700080201	Antenna group AN/BRA-15 electromagnetic technical evaluation /U/	1969
19700080202	TACREAT /U/ Final report, 12 Feb. - 30 Jun. 1968	1969
19700080203	Thermally stable perfluorinated polymers Annual report, 1 Mar. 1968 - 28 Feb. 1969	1969
19700080204	Simulation techniques for composite shield testing, part 1 Final report, 1 Mar. 1968 - 28 Feb. 1969	1969
19700080205	Simulation techniques for composite shield testing. Part 2 - Short pulse width /1 to 2 msec/ energy releases and energy profiling in uranium-loaded test specimens using TRIGA Final report, 1 Mar. 1968 - 28 Feb. 1969	1969
19700080206	Rocket exhaust signal attenuation and degradation, volume 1 Final report, 1966 - 1969	1969
19700080207	Rocket exhaust signal attenuation and degradation. Volume 2 - Collection of unclassified AFETR rocket exhaust signal attenuation and degradation reports Final report, 1966 - 1969	1969
19700080208	Trajectory of a charged particle in a time- varying magnetic field	1969
19700080209	An analog simulation of aircraft stability and control using non-linear equations of motion	1969
19700080210	Matrix design of electronic systems. Geometric analogues of system design and evaluation Research and development report, Oct. 1968 - Apr. 1969	1969
19700080211	Large retractable solar cell array Quarterly report, 30 Jun. - 28 Sep. 1969	1969
19700080213	Production engineering measure for type CR-XM-60/U crystal units Quarterly report, Jan. - Mar. 1969	1969
19700080214	Polarographic study of nitrate esters. Part 2 - Reduction of pentaerythritol nitrates	1969
19700080215	Plasma column generation study Final report, Jan. 1968 - Apr. 1969	1969
19700080216	A comparative study of pelletized thermite-type aluminum-metal oxide systems	1969
19700080217	Jet engine exhaust blast tests on Kaiser XM19 medium-duty landing mat panels Final report, May 1967 - Apr. 1968	1969
19700080218	Diving accidents with overdistension of the lungs and air embolism	1969
19700080220	The relationship between test values of uric acid and the achievement motivation measured according to Heckhausen's method	1969
19700080221	Comparative observations on electron beam microanalysis and laser microspectral analysis	1969
19700080222	Progress in the field of laser microspectroscopic analysis	1969
19700080223	Quartz crystal aging effects Final report, 15 Feb. 1967 - 15 Feb. 1969	1969
19700080224	Propulsion system integration and test program /steady state/. Part 2 - Shared exit ejector nozzle static tests Technical report, 23 Jul. - 5 Sep. 1968	1969
19700080225	Propulsion system integration and test program /steady state/. Part 3 - Nozzle interaction drag tests	1969
19700080226	Effect of extended environmental exposure on the strength characteristics of heat resistant polyimide adhesive systems	1969
19700080227	Structural plastics applications handbook. Supplement 1 - Test methods, August 1968 - February 1969	1969
19700080228	Development of a day-night, passive, Velocity-over-Altitude ratio /V/H/ sensor Final report, Jun. 1966 - Nov. 1968	1969
19700080230	Radiometric versus radar detection in presence of camouflage	1969
19700080232	Design study in techniques of recovery of target avionics packages from rocket powered targets Final report, Feb. - Jun. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080233	Numerical solution of ballistic impact Final report, 1 Mar. 1967 - 1 Mar. 1969	1969
19700080234	Improvement of interlaminar shear strength in organic matrix composites utilizing plasma deposited coupling agents Quarterly report, 1 Jun. - 1 Sep. 1969	1969
19700080235	Effect of wind profile on diffusion in the ground layer with unstable stratification	1969
19700080236	A contribution to the measurement of turbulence with the aid of hot-wire anemometers	1969
19700080237	Heats of formation for 1-difluoroamino-2,4, 6-trinitrobenzene, 3-difluoroamino-2,4,6- trinitrotoluene, 1,2-bisdifluoroamino-2- methylpropane, 2,3-bisdifluoroamino-2- methylbutane, and 1,2-bisdifluoroaminobutane	1969
19700080238	Correlated and uncorrelated diffusion via edge dislocations	1969
19700080239	Technological barriers to the development of a competitive, flight weight MHD power generator	1969
19700080240	Elevated temperature mechanical properties of two cast aluminum alloys Final report, Sep. 1967 - Dec. 1968	1969
19700080241	Manufacturing techniques for application of a duplex W/Si-W coating on tantalum components Interim progress report, 1 Jun. - 31 Aug. 1969	1969
19700080242	Flight test design for the survivable radio guidance system Final technical report, Jul. 1968 - Jul. 1969	1969
19700080243	Tape-recorder monitor Final report	1969
19700080244	Study of noise in semiconductor devices Semiannual technical report, 16 Sep. 1968 - 15 Mar. 1969	1969
19700080245	Atmospheric effects on color aerial photography Final report, Mar. 1968 - Jun. 1969	1969
19700080246	Selected problems from technical analysis of combustion chamber deficiencies of aviation engines	1969
19700080247	The formal definition of BASEL. Part 1 - Introduction	1969
19700080248	Evaluation of foam coolants Final report, May - Jun. 1969	1969
19700080249	Multi-chip integrated circuit package Quarterly report, 1 Jun. - 31 Aug. 1969	1969
19700080250	Rotating rectifier alternator /300C/. Phase 2. Design, fabrication, and test of alternator Interim technical report, 16 Feb. 1968 - 15 May 1969	1969
19700080251	Diffusion under a jungle canopy. Volume 3 - Mathematical model Final report	1969
19700080252	Cumulative source index to solid rocket structural integrity abstracts, volume 1, 1964 - 1967	1969
19700080253	Fireproof phosphorus containing unsaturated polyester resins	1969
19700080254	Research studies on the condensation nuclei /CN/ personnel detector Quarterly progress report, Mar. - Jun. 1969	1969
19700080255	Frequency control for tactical net SSB equipment Technical report	1969
19700080256	Radiation measurements by means of a radiometer	1969
19700080257	Review of studies of the radiation modification of elastomers	1969
19700080258	Control device for doors of aerial cameras	1969
19700080259	Calculating meander-shaped inductances in printed circuits	1969
19700080260	The scattering of laser photons on fast high-energy electrons	1969
19700080261	Development of full scale pyrotechnic generated gas discharge fire extinguishing system Final report	1969
19700080262	The Bayesian approach to identification of a remotely sensed environment	1969
19700080263	Reliability characterization and prediction of integrated circuits Interim technical report, 20 Sep. 1968 - 20 Mar. 1969	1969
19700080264	Combustion of solid propellants and low frequency combustion instability Progress report, 1 Oct. 1967 - 1 Nov. 1968	1969
19700080265	Study of chemical seeding research Final technical report, 11 Jul. 1968 - 11 Jul. 1969	1969
19700080266	Plasma production and heating through the absorption of intense laser radiation	1969
19700080267	High-energy ignition system for jet engines	1969
19700080268	Study of supersonic compressors	1969
19700080269	Problems in thermodynamic research on the subsonic stage of an axial compressor	1969
19700080270	Photon transport calculations using the method of discrete ordinates. Volume 2 - User's manual for GAMLEGX and DTFXRAY	1969
19700080271	Contractor support test of the CBU-18/B munition system, phase 2 Final report, 12 Nov. 1968 - 19 Feb. 1969	1969
19700080272	Microwave switching circuits	1969
19700080273	On the chemical equilibrium in the reaction between lead sulfide and its oxidation products, 3	1969
19700080274	The use of a controlled optical resonator for measurements in the laser field	1969
19700080275	Lead silicates	1969
19700080276	Semiannual progress report no. 2, 1 January - 30 June 1969	1969
19700080278	The turbulent boundary layer of a flat plate and the Navier-Stokes equations	1969
19700080279	Descent velocity, lift drag ratio and wing load - An approximation formula for the computation of descent velocity and lift drag ratio	1969
19700080282	On thirst	1969
19700080283	Advanced valve technology. Volume 2 - Nonmechanical controls /no moving parts/ Final report, Apr. 1968 - Jan. 1969	1969
19700080284	Hydraulic circuit breaker for aircraft hydraulic systems Interim technical report, 25 Jun. - 25 Sep. 1969	1969
19700080285	Advanced ceramic systems for rocket nozzle applications Progress report, 1 Feb. - 30 Apr. 1969	1969
19700080286	Determination of surface area of battery electrodes by potentiostatic double layer capacity measurements	1969
19700080287	The SR 1970 random microwave signal recorder and analyzer Final technical report, Jan. 1966 - Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080288	Nanosecond-pulse processing for a high data-rate receiver Final report, Oct. 1967 - Jan. 1969	1969
19700080289	Spall studies on 6061-T6 aluminum Technical report, Jan. 1968 - Mar. 1969	1969
19700080290	Bearing deposition test - Oil distribution within the test chamber Technical report, 29 Mar. 1967 - 22 Jan. 1969	1969
19700080291	Program production system software support and JOVIAL compiler quality assurance Final report, Jun. 1968 - Jun. 1969	1969
19700080292	Research in machine-independent software programming Semiannual report, 22 Dec. 1968 - 21 Jun. 1969	1969
19700080293	Sequence 301 activate and checkout OV systems - Pre-transfer. Action item for review and coordination at 12 May 1969 sequence definition working group meeting	1969
19700080294	Transient-radiation-induced latchup in microcircuits Final report, 1 Feb. 1968 - 30 Jun. 1969	1969
19700080295	Ceramic R and D programs. Part 1 - Air Force	1969
19700080296	Development of a 50,000 pound capacity recovery system. Phase 1 - Performance evaluation of a 135 foot Do flat circular parachute Technical report	1969
19700080297	Solid lubrication technology. Part 1 - Solid lubrication high speed - high temperature ball bearings for high load application Annual report, 1 Jan. - 31 Dec. 1968	1969
19700080299	Delta-60, Pioneer-D Final field report	1969
19700080301	Floidyne Controls, Incorporated 2-way, 2-position hydraulic valve pilot operated and controlled, NASA part number 75M08820-1	1969
19700080302	Reduction and analysis of magnetometer data from Mariners 4 and 5 Status report, 1 Apr. - 30 Sep. 1969	1969
19700080303	Study of extremely heavy cosmic rays Final report	1969
19700080304	NODC computer archive ocean station format Informal report	1969
19700080309	Kinetics of surface oxidation of metals and alloys determined by solid electrolyte techniques Progress report for Oct. 1969	1969
19700080310	Apollo 7 mission report communications system performance	1969
19700080312	Evaluation of the use of commercially available detectors for hydrazine and nitrogen dioxide as calorimeter dosimeters Final report, May - June 1968	1969
19700080314	New light flares on the moon	1969
19700080315	AS-508 space vehicle data evaluation guide	1969
19700080317	Model studies of the behavior of underwater explosion in contact with a rigid bottom	1969
19700080320	Free radicals for double-resonance study Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19700080321	Sound ranging microphone Final report, Jun. 1967 - Nov. 1968	1969
19700080322	MALLARD traffic simulation /TD 15/ - Results and analysis Final report	1969
19700080324	High current density cathodes Final report, 1 Jun. 1966 - 31 Aug. 1968	1969
19700080327	Free radicals for double-resonance study Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19700080328	Distributor-transmitter TT-550/ //gg Final report	1969
19700080329	Hybrid piezoelectric devices Quarterly report, 15 May - 15 Aug. 1968	1969
19700080333	Ensure 265 CH-54 /flying crane/ electrostatic discharger evaluation	1969
19700080334	Large screen photochromic display system	1969
19700080336	The development of an alpha-stringer structure in titanium alloys	1969
19700080338	Delta-70, BIOS-D flash flight report	1969
19700080339	Field application study and environmental and ballistics evaluation of Vithane sealing materials Final report	1969
19700080341	Evaluation of production heats of experimental HY-110 steel	1969
19700080344	Investigation of the effects of thermal and chemical non-equilibrium on combustion in supersonic streams Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700080345	Apollo 7 mission report reaction control system performance	1969
19700080346	Lunar surface optical environment and experiment package A 16 month status report	1969
19700080350	Optimal spectrum filtering for the radar detection of targets in clutter	1969
19700080351	TEM digital ferrite phase shifters Quarterly report, 15 Mar. - 15 Sep. 1968	1969
19700080352	Apollo mission H1/LM-6/DPS preflight performance	1969
19700080353	Apollo 10 LM-4. Ascent propulsion system, final flight evaluation	1969
19700080354	Apollo guidance and navigation. Mission H1 /AS 507/CM 108/LM 6/ G and N error analysis /Apollo 12/	1969
19700080355	LTA-8/LM-3 post-test correlation of the ECS data with analysis	1969
19700080356	Design criteria for solid-state high-voltage switching	1969
19700080357	Weldability of stress-relievable HY-130 steel	1969
19700080359	A fracture-toughness criterion for steels	1969
19700080360	Evaluation of the HP9-4-20 steel weldment system	1969
19700080365	Correlations between K sub Ic and Charpy V-notch test results in the transition-temperature range	1969
19700080366	Corrosion-fatigue crack propagation below K sub ISCC	1969
19700080367	Airlift simulation study - Program description and user's manual	1969
19700080368	Coherent radiation-induced molecular bonding Final report, 1 May 1966 - 30 Jun. 1968	1969
19700080369	Development of an HY-110 steel weldment - Structural evaluation Final report	1969
19700080370	RADCOM electronic countermeasures assessment model. Volume 1 - Basic report and unclassified appendices	1969
19700080371	VHF filter crystals research Final report, 15 Jan. - 14 Aug. 1968	1969
19700080372	Translations on French nuclear, missile, space, and related military developments no. 203	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080373	Translations on French nuclear, missile, space, and related military developments no. 206	1969
19700080378	Development of an HY-180/210 weldment Progress report	1969
19700080379	Microwave delay lines and materials Final report, 1 Jul. 1965 - 30 Sep. 1968	1969
19700080383	Extended investigation of HY-130/150 weldments	1969
19700080384	Postweld processing of 10Ni-Cr-Mo-Co steel weld metals	1969
19700080388	Design, development and fabrication of a simplified titanium/nylon armored vest Final report	1969
19700080389	Quick erectable base station antenna AS-2040//g	1969
19700080390	E-plane and H-plane coupling in reentry environment	1969
19700080391	Micropower linear integrated circuits Quarterly progress report, 24 Jun. - 24 Sep. 1968	1969
19700080392	Saturn 5 derivative /S-IC/5-4B/IU/ launch vehicle system study, volume 1 Final technical report	1969
19700080393	High speed electronic tuning techniques Final report, 1 Jun. 1965 - 31 Dec. 1967	1969
19700080396	Active filters Final report, 10 Aug. - 10 Nov. 1968	1969
19700080397	Effect of selected remelting procedures on electric-furnace 10Ni-2Cr-1Mo-8Co steel, 1	1969
19700080398	Lunar module ascent engine program Final report	1969
19700080399	The AFICCS serial file maintenance capability - User's guide and program/coding specifications, volume 1	1969
19700080400	Delta-73, Pioneer-E flash flight report	1969
19700080401	Review and analysis of fatigue-crack- propagation laws	1969
19700080402	Free radicals for double-resonance study Quarterly report, 1 Jul. - 30 Sep. 1968	1969
19700080403	Microwave semiconductor diode research Final report, 1 Jan. - 30 Sep. 1968	1969
19700080404	Simplified direct hydrocarbon-air fuel cell system Final technical report, 1 Jul. 1967 - 30 Jun. 1968	1969
19700080405	International Satellite for Ionospheric Studies /ISIS-A/, Delta-65 Final flight report	1969
19700080406	Medical and environmental health operations plan in support of Apollo/Saturn 5 launch/test events SNAP-27 fuel release recovery plan	1969
19700080407	Apollo/Saturn 5 consolidated instrumentation plan for AS-507 /Apollo 12/	1969
19700080409	The AFICCS serial file maintenance capability - User's guide and program/coding specifications, volume 2	1969
19700080410	Results of AS-506 facilities and environmental measurements, volume 1	1969
19700080411	Evaluation of a stress-relievable HY-130 steel	1969
19700080412	Fabrication of an HY-130 steel structure Progress report, 1 Jan. - 30 Jun. 1969	1969
19700080414	Ultra-compact microwave devices Final report, 1 Nov. 1966 - 1 Feb. 1969	1969
19700080416	Microwave synthesis techniques Semiannual report, 30 Jun. 1968 - 1 Jan. 1969	1969
19700080418	Metallizing and evaluation of boron nitride microwave windows Final report, 15 May 1967 - 15 Jul. 1968	1969
19700080419	Studies of meteorological techniques for sound ranging. Report 4 - Median technique	1969
19700080421	Hydrocarbon-fueled scramjet. Supplement to volume 5 - Users manual for computer program for thermal analysis of dual-mode ramjets Final report, 1 Jul. 1966 - 28 Feb. 1969	1969
19700080422	Connective devices for small diameter extraflexible class F cable Semiannual report, 1 Jun. - 30 Nov. 1968	1969
19700080423	Variance analysis and range estimation. Two methods for the estimation of the differences between the mean values of several random samples	1969
19700080424	Production of dry process divalent silver oxide electrodes by continuous rolling Quarterly report, Mar. - May 1969	1969
19700080425	Research on the electrochemical oxidation of hexane and its isomers Semiannual interim report, 16 Nov. 1968 - 15 May 1969	1969
19700080426	Telemetry development and test program Quarterly report, Jul. - Sep. 1969	1969
19700080428	Water coalescence from military fuels Final report, Jun. 1961 - May 1969	1969
19700080429	Polarization agile tracking radar investigation	1969
19700080430	System design evaluation of the 60 watt hydrazine air fuel cell Final report, 20 Dec. 1967 - 20 Jun. 1968	1969
19700080431	Translations on French nuclear, missile, space, and related military developments no. 205	1969
19700080432	Use of lasers in plasma physics described	1969
19700080435	Technology and methods of electronic warfare	1969
19700080436	An attempt to correlate the elastic mechanical properties of 7075-t6 aluminum alloy extrusion with fatigue behavior Final report	1969
19700080437	Digital measurement of noise perturbed pulse signals	1969
19700080439	High-strength, high-modulus, low-density continuous filaments for use as reinforcements in composites Technical report, Apr. 1967 - Aug. 1968	1969
19700080440	Aerobee NASA 4.294, US /24 September 1969/ Meteorological data report	1969
19700080441	Aerobee NASA 4.279, UG /2 October 1969/ Meteorological data report	1969
19700080443	Exploratory development study of microelectronic UHF power assembly Interim development report, 6 Jun. - 6 Oct. 1969	1969
19700080444	A study of personnel radiation hazards created by selected high-power radar sets	1969
19700080445	The meridional velocity in the input area of a radial compressor	1969
19700080446	Matrix determination for analyzing the characteristic behavior of a thin dipole of arbitrary length near a conducting cylinder	1969
19700080447	Feasibility of using radioisotopes for elimination or reduction of precipitation static problems as related to aircraft	1969
19700080448	Exploratory study of the nature of helicopter rotor blade boundary layers Final report	1969
19700080449	The 7289 planar triode improvement program Quarterly interim development report, 1 May - 1 Aug. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080450	Celestial data processor requirements and design study Final report, Jul. 1967 - Oct. 1969	1969
19700080451	Evaluation of relay no. S6A1-26.5 /Allied Control Company, Incorporated/ and relay no. E-A1A-001 /Leach Corporation	1969
19700080452	F-14 aircraft, automated aircrew escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring of Interim report, 12 Aug. - 12 Sep. 1969	1969
19700080453	Installation and flight test of electroluminescent formation lights for F-4 aircraft Interim report, 6 Dec. 1967 - 29 Aug. 1969	1969
19700080454	US Army Aeromedical Research Laboratory Annual progress report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700080455	Applications of the mechanically rechargeable zinc-air battery	1969
19700080456	Environmental sensitivity of structural metals - Liquid metal embrittlement Quarterly progress report, 25 Jun. - 30 Sep. 1969	1969
19700080457	Montana LASA Final report, 1 May 1968 - 30 Jun. 1969	1969
19700080458	MH-1A loss of flow transient safety analysis and parametric study Final report	1969
19700080459	The use of silica gel in routine testing of the fungus resistance of plastics	1969
19700080460	Laser inflight obstacle detection device Interim technical report, 1 Aug. 1967 - 31 May 1969	1969
19700080461	Problems encountered during the development of smokeless gas turbine engines for naval aircraft Final report	1969
19700080462	Corrosion control studies - Sealant evaluation Final report	1969
19700080463	Aerobee NASA 4.170 US /23 September 1969/ Meteorological data report	1969
19700080464	Aerobee NASA 4.166 DS /17 September 1969/ Meteorological data report	1969
19700080465	Aerobee NASA 4.193 US /11 September 1969/ Meteorological data report	1969
19700080466	Aerobee NASA 4.256 GG /16 October 1969/ Meteorological data report	1969
19700080467	Clear and cloudy sky radiance measurements for 0 to 23 degrees elevation in the 7.0 to 13.5 micron spectral region	1969
19700080468	Power amplifiers, mixers, and oscillators for the 470 and 790 MHz band	1969
19700080469	Mn-Zn-Fe ferrite having rectangular hysteresis loop	1969
19700080470	Radioisotope power devices of the US Navy, volume 3, no. 1-2 Quarterly operating report, 1 Jan. - 30 Jun. 1969	1969
19700080471	Altitude performance of a developmental AiResearch ram air turbine-driven electrical power generator Final report	1969
19700080472	The addition of feedback and plastic transistors to the 2-pulse amplifier Final report	1969
19700080473	EMC data collection techniques. Test method CE Technical report, 2 Feb. - 2 Nov. 1968	1969
19700080474	Generalized model analysis of integrated circuit vulnerability /formerly generalized model for semiconductor radiation response prediction/ Final report, 1 Apr. 1967 - 30 Apr. 1969	1969
19700080475	Production engineering measure for high- reliability aluminum electrolytic capacitors Quarterly report, 20 Mar. - 20 Jun. 1969	1969
19700080476	Experimental investigation of hypersonic air data attitude equations for a hemispherical pressure probe Final report, Nov. 1968 - Sep. 1969	1969
19700080477	Ku-band semiconductor T-R device production engineering measures program Final engineering report, 27 Jan. 1966 - 27 Feb. 1969	1969
19700080478	Advanced satellite communication antennas Final report, 2 Dec. 1968 - 10 Oct. 1969	1969
19700080479	Study of the basic kinetics of decomposition of MMH and MHF and the effects of impurities on their stability Quarterly report, 2 Jun. - 15 Sep. 1969	1969
19700080480	Electrocatalysis of oxygen reduction by the tungsten bronzes Semiannual report, 1 Sep. 1968 - 28 Feb. 1969	1969
19700080481	Evaluation of phosphoric acid matrix fuel cells Semiannual report, 18 Feb. - 18 Aug. 1969	1969
19700080482	Ceramic systems for missile structural applications Summary report, 17 Dec. 1967 - 28 Feb. 1969	1969
19700080483	Operation of the Tonto Forest Seismological Observatory Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700080484	Examination of the friction moment in roller bearings of the clock type working without lubrication	1969
19700080485	A Soviet space station soon	1969
19700080486	Thermally controlled spherically symmetric bubble growth uniqueness of the similarity solution	1969
19700080487	AESOP-B user manual. Volume 1 - Display programmer manual	1969
19700080488	AESOP-B user manual. Volume 2 - Disk management	1969
19700080489	AESOP-B user manual. Volume 3 - File generation	1969
19700080490	Evaluation of a real-time interference cancellation system	1969
19700080491	Gain, oscillation conditions, and power of optical parametric oscillations with focused beams	1969
19700080492	The pure birth process applied to Navy aircraft accidents	1969
19700080493	Condition survey Simmons Army Airfield Ft. Bragg, North Carolina	1969
19700080494	An improved process for the working of welded titanium alloy tubing Interim engineering progress report, 1 Nov. 1968 - 31 Jan. 1969	1969
19700080495	Development of quick reaction simulation model Final report	1969
19700080496	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Jan. - 31 Mar. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080497	High-speed turbines for nuclear magnetic resonance spectroscopy Final technical report, Apr. 1968 - Mar. 1969	1969
19700080498	Effects and control of contamination from a scaled MOL attitude control thruster in a radial orientation Final report, May - 21 Dec. 1968	1969
19700080499	Operation Mighty Mite. Diamond Dust Event, project 3.1 Quarterly technical report	1969
19700080500	The 3.2 millimeter transmitter tube Triannual report, 1 Mar. - 30 Jun. 1969	1969
19700080501	Mistram MRS survey improvement study Final report	1969
19700080502	Mathematical methods for calculating the atmospheric transmission of infrared radiation between 3.5 and 5.0 microns	1969
19700080503	Nike-Hydac STV-90 /24 September 1969/ Meteorological data report	1969
19700080504	Project MALLARD systems study, volume 4 Final report	1969
19700080505	Material properties for ELK code	1969
19700080506	Ground based sensors Surveys of foreign scientific and technical literature	1969
19700080507	Lightweight broadband VHF antenna kit Final report, 10 Apr. - 15 May 1969	1969
19700080508	Integrated circuit techniques for visible light emitting diodes radar display system Final report, 1 May 1968 - 30 Apr. 1969	1969
19700080509	High temperature hydrocarbon fuels research in an advanced aircraft fuel system simulator on fuel AFFB-11-68 Technical report, 6 Feb. - 26 Aug. 1968	1969
19700080510	Study of an advanced control system for small free-turbine engines Final report, 1 Jul. - 31 Dec. 1968	1969
19700080511	Aircraft characteristics for airfield pavement design and evaluation Technical report, Jan. 1968 - Feb. 1969	1969
19700080512	Honest John /03702/ missile no. 370, round no. E-594 AML Meteorological data report	1969
19700080513	Athena V-147D, flight 119 /10 September 1969/ Meteorological data report	1969
19700080514	The 01101 Lance, missile no. 5135, round no. 69 RGL /2 October 1969/ Meteorological data report	1969
19700080515	Form-rolling close tolerance shapes of superalloys Final technical report, Feb. 1966 - Jun. 1969	1969
19700080516	A technique for graphic presentation of water level forecasts using a topographic contour chart format	1969
19700080517	Digital spectrum analyzer	1969
19700080518	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19700080520	Results of a 0.228-scale RA-5C inlet model test at transonic and supersonic Mach numbers /U/ Final report	1969
19700080521	Process studies of the preparation of CMP /U/	1969
19700080523	High density, high temperature binders for solid propellants /U/ Final report, 1 Nov. 1966 - 30 Apr. 1969	1969
19700080524	RK8129 amplatron improvement program /U/ Final engineering report, 1 Nov. 1968 - 1 Apr. 1969	1969
19700080525	Action 1 - Hypervelocity rocket program /U/	1969
19700080526	Annual research review fiscal year 1968 /U/	1969
19700080527	Development of a low-cost catalyst for hydrazine /U/ Quarterly report, 15 Jun. - 15 Sep. 1969	1969
19700080528	Failure analysis - Stage 2 turbine blade failure GE4 engine S/N 435-008/1 /U/	1969
19700080529	Preliminary propulsion design study for a long-range missile system /U/	1969
19700080530	Electric vacuum gyro development /U/ Final report, Jul. 1967 - Sep. 1968	1969
19700080532	Shallow water systems study /U/ Final report	1969
19700080533	Turbofan engine infrared suppression feasibility study /U/ Final report, 27 Jun. 1968 - 27 Aug. 1969	1969
19700080534	Development of high-performance domino propellants /U/ Quarterly technical summary report, 20 May - 20 Aug. 1969	1969
19700080538	Technical evaluation of directional ranging sonobuoy system AN/SSQ-49/XN-2/ /U/ Final report	1969
19700080542	Ramjet combustor documentation program /U/ Final report, 22 Apr. 1968 - 27 Jun. 1969	1969
19700080546	Conduct a fleet operational investigation of the shipboard VLF /SVLF/ system AN/SRC-26 /XN-1/ /U/ Final report, Oct. 1965 - Jul. 1969	1969
19700080547	Supersonic combustion of hydrocarbon fuels with air pilots /U/ Interim report, Nov. 1967 - Apr. 1969	1969
19700080549	Aerobee 170 4.234 NE /6 September 1969/ Meteorological data report	1969
19700080550	Computer experiments on an electron diode Final report	1969
19700080551	Influence of torsional stiffness upon temperature response of a polymeric chain	1969
19700080552	Fiducial systems for the free flight spark ranges	1969
19700080553	High pulse injection laser Final report, 15 Apr. 1968 - 14 Jan. 1969	1969
19700080554	High speed complementary MOS FIFO shift register for BORAM buffer Quarterly report, 14 Nov. 1968 - 15 Feb. 1969	1969
19700080555	Maintenance-free silver-cadmium batteries for aircraft emergency applications Final report, Jun. 1965 - Aug. 1969	1969
19700080556	Selective amplification in silicon-based microcircuitry Final report	1969
19700080557	Superconducting receiver techniques Semiannual technical report, Sep. 1968 - Mar. 1969	1969
19700080558	Synchronization of multipoint hoists Final report	1969
19700080559	The 100-Watt PEP insulated-gate field-effect transistor for operation from a 28-volt supply Interim engineering report, 21 Mar. - 21 Jun. 1969	1969
19700080560	Background information and user guide for MIL-F-8785B/ASG/ - Military specification- flying qualities of piloted airplanes Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080561	Physics of electron-electron and electron-photon interaction Final report, 1 Feb. 1966 - 30 Sep. 1968	1969
19700080562	Microwave acoustic and bulk device technique studies Interim technical report, 1 Feb. - 30 Apr. 1969	1969
19700080563	Electronic scanning pencil beam antenna Quarterly report, 1 Oct. - 31 Dec. 1968	1969
19700080564	Microwave solid-state device studies Quarterly progress report, 1 Mar. - 1 Jun. 1969	1969
19700080565	Hard ground-terminal antenna for SHF satellite communications	1969
19700080566	Structural analysis XBQM-34E launch rack installation on model DP-2E aircraft outer wing panel Final report	1969
19700080567	Performance of a prototype discrete frequency total pressure fluctuation generator for jet engine-inlet compatibility investigations Final report	1969
19700080568	Maximum density integrated circuits by electron beams Final scientific report	1969
19700080571	Preparation and thermal stability of some n-12-fluoro-2, 2-dinitroethyl amides/ /U/	1969
19700080572	Production of PBEP /U/ Final technical report, 15 Dec. 1967 - 15 Aug. 1969	1969
19700080573	Force measurements to determine elevon control effectiveness on the AFFDL-SB high lift-to-drag unmanned configuration at Mach numbers from 15 to 19 /U/ Final report, 31 Jan. - 28 Feb. 1969	1969
19700080575	Effects of high-speed carriers on aircraft preliminary design characteristics /U/ Final report	1969
19700080576	Navy evaluation of the French Harpoon quick helicopter securing device /U/ Final report	1969
19700080577	Aerodynamic characteristics of two low-aspect ratio vehicles /U/ Final report, Apr. 1968 - Jun. 1969	1969
19700080578	Combustion tailoring criteria for solid propellants /U/ Final report	1969
19700080579	A-37B category 2 performance and stability and control tests Final report	1969
19700080580	Qualification tests of two each, types MS18045-70, 72, 74 and 75, nickel-cadmium aircraft batteries manufactured by Sonotone Corporation	1969
19700080581	Geopotential model errors	1969
19700080582	Manufacturing techniques for controlled deposition and application of doped oxides Interim engineering progress report no. 6, 1 Jun. - 31 Aug. 1969	1969
19700080583	Aerodynamic characteristics of multiple fins at supersonic Mach numbers	1969
19700080584	Contributions of psychophysics to sonar	1969
19700080585	Miniature cryogenic refrigerators Final report, Sep. 1968 - Jul. 1969	1969
19700080586	Development of oxidation-resistant hafnium alloys Final report, 1 May 1968 - 30 Apr. 1969	1969
19700080587	Univac CP-642B self-instruction programming manual, volume 1	1969
19700080588	Aerobee NRL NC 3.136 F /13 October 1969/ Meteorological data report	1969
19700080589	Aerobee NRL NB 3.2 /21 September 1969/ Meteorological data report	1969
19700080590	Athena V-130D, flight 120 /25 September 1969/ Meteorological data report	1969
19700080592	Sorption properties of activated carbon Final report, Apr. 1968 - Jul. 1969	1969
19700080593	Rapid annealing in silicon semiconductor devices Technical report, Sep. 1967 - Dec. 1968	1969
19700080594	Investigation of the operation of a high- loaded three-register combustion chamber for a gas turbine	1969
19700080595	An electrical-to-fluidic frequency transducer	1969
19700080596	Broadband, electrically small passive antennas	1969
19700080597	Correlation properties of periodic binary sequences	1969
19700080599	Studies in air sampling and purification by space charge precipitation Quarterly progress report, Mar. - Jun. 1969	1969
19700080600	Sampling tests of two type MS90365-2, nickel cadmium aircraft storage batteries manufactured by Sonotone Corporation	1969
19700080601	Experiments in oceanographic aerospace photography. 1 - Ben Franklin spectral filter tests	1969
19700080602	Preservation of pulmonary edemas and lung fixation by perfusion	1969
19700080603	The effects of artificial light-dark cycles of varying lengths on human circadian rhythms	1969
19700080604	Transient cardiac dynamics under the influence of physical strain in subjects of sound heart	1969
19700080605	Control maneuvers of a TV satellite with electric propulsion to reach a target position in a synchronous /24-hr/ circular orbit	1969
19700080606	Crystal oscillators - Frequency synthesizers	1969
19700080607	Operational influences on systems effectiveness, volume 1 Final report	1969
19700080608	Shipboard antenna requirements for S-band meteorological frequencies Final report	1969
19700080609	Time distortion analysis of broadband microwave networks	1969
19700080610	LSI correlator Quarterly report, 25 Apr. - 31 Aug. 1969	1969
19700080611	The effect of fatigue on a human being's optical reaction time	1969
19700080612	Low-cycle metal fatigue and the strength of structural components	1969
19700080613	GaAs/P/ light emitting diode display Final report, 30 Dec. 1968 - 30 Jun. 1969	1969
19700080614	On the merits of using an equation of state in predicting the creep stability of structures	1969
19700080615	Investigation of laminated structures for radio frequency applications Interim technical report, 16 Feb. - 15 May 1969	1969
19700080616	On the non-linear character of gravity waves	1969
19700080617	Mechanical work in walking and running	1969
19700080618	The acoustics of detonation	1969
19700080619	Seismic data laboratory Quarterly technical summary report, Jul. - Sep. 1969	1969
19700080634	Acoustic bearing and amplitude measurements in the thermocline of the open ocean /U/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080635	Development of high performance materials for high chamber pressure rocket motor application, phase 1, part 1 /U/ Technical report, 3 Mar. - 31 Jul. 1969	1969
19700080636	Development of high performance materials for high chamber pressure rocket motor application, phase 1, part 2 /U/ Technical report, 3 Mar. - 31 Jul. 1969	1969
19700080637	Improved Shrike rocket motor Mark 53 Mod 3 design verification /U/ Final report, Mar. 1968 - May 1969	1969
19700080638	Improved Shrike rocket motor Mark 39 Mod 6 design verification /U/ Final report	1969
19700080640	Weight minimization analysis - Report covering task 4 effort. NASA Evaluation With Models Of Optimized Nuclear Spacecraft /NEW MOONS/	1969
19700080642	Aerodynamic characteristics of an ejection seat escape system with cold flow rocket plume simulation at Mach numbers from 0.6 through 1.5 Final report, 19 Jun. - 3 Jul. 1969	1969
19700080643	A prototype fly-by-wire flight control system Final report, 15 Apr. 1967 - 15 Aug. 1968	1969
19700080644	Computerized rocket evaluation and analysis program. Mod 1, volume 1 - User manual Final report, 23 Apr. - 18 Jun. 1969	1969
19700080645	Development of a high power transmitter tube Monthly report, 15 Sep. - 15 Oct. 1969	1969
19700080646	An investigation of an integrated Aircrew Escape/Rescue system Capability /AERCAB/ Final report, Mar. - Dec. 1968	1969
19700080647	Review of toxicity aspects of beryllium propellant	1969
19700080648	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19700080649	In-place tube welding manufacturing technology Interim progress report, 31 Mar. - 30 Sep. 1969	1969
19700080651	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report, 1 Jul. - 30 Sep. 1969	1969
19700080652	Advanced transmitter and control techniques Final report, 10 May 1968 - 10 Jun. 1969	1969
19700080653	Fabrication and evaluation of diffusion bonded laminated sections Interim engineering progress report, 31 May - 31 Aug. 1969	1969
19700080654	Hudson Laboratories, 1951 - 1969. Volume 1 - Unclassified technical programs Final summary report, 1951 - 1969	1969
19700080655	Stability and control effectiveness of the AGM-69A missile at Mach numbers 0.6 and 0.9 Final report, 11-30 Jul. 1969	1969
19700080656	Evaluation of a rotating screen system for producing total pressure distortion at the inlet of turbojet engines Final report, 8-31 Jan. 1969	1969
19700080657	Large scale dynamic effects of cloud seeding Final report	1969
19700080658	Two applications of the fast Fourier transform to aperiodic bandpass signals	1969
19700080659	Development of high temperature resistant materials for use in naval ordnance Quarterly report, 4 Jul. - 4 Oct. 1969	1969
19700080660	Empirical formulation and comparison of explicit and implicit guidance laws for ballistic missiles	1969
19700080661	Application of frequency domain optimization to improve the lateral stability of the F-4 aircraft	1969
19700080662	A search for the minimum-fuel landing trajectory of a tilt-wing VTOL aircraft	1969
19700080663	The 01101 Lance, missile no. 5134, round no. 68 RGT /10 September 1969/ Meteorological data report	1969
19700080664	Development, test and evaluation of an extraction parachute subsystem for airdrop from the C-5A aircraft	1969
19700080665	Servo amplifier/servomotor compatibility study	1969
19700080666	Direct lift control for a variable sweep-wing aircraft	1969
19700080667	A November rainfall singularity	1969
19700080668	Hot corrosion of coated superalloys in a gas turbine environment Progress report, 1 Apr. - 1 Sep. 1969	1969
19700080669	Trajectory Analysis Program /TAP/	1969
19700080670	A research study directed toward developing a scheme for meteorological sensing, in real time from an aircraft, of water droplet and ice crystal sizes and distributions in clouds Final report, 29 Jan. - 30 Aug. 1968	1969
19700080671	Studies of electron scattering in thin films Final report, 15 Oct. 1967 - 15 May 1969	1969
19700080672	The distribution of small particulates which act as condensation and freezing nuclei Final report, 1 Dec. 1968 - 30 Apr. 1969	1969
19700080673	Evaluation of Ti-6Al-4V castings Final report, Jan. - Nov. 1968	1969
19700080674	Conceptual design of antenna steering carriage assembly for Azores fixed acoustic range	1969
19700080675	Evaluation of radio frequency chokes, APN 11078947-2 and APN 11078947-5	1969
19700080676	A broad bandwidth folded dipole antenna	1969
19700080677	Operation of the Uinta Basin Seismological Observatory Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700080678	Strength characteristics of glass fibers under dynamic loading Final report, Feb. 1968 - Mar. 1969	1969
19700080679	Effect of bonding systems on structural response of reentry vehicles to attack loads Technical report, 18 Jun. 1968 - 18 May 1969	1969
19700080680	Additives for high temperature hydraulic fluids Technical report, 15 Nov. 1967 - 15 Jun. 1969	1969
19700080682	Adaptive data modem Final report, Feb. 1967 - May 1969	1969
19700080683	Tidal and lunar data for Point Mugu, San Nicolas Island, and the Barking Sands area during 1970	1969
19700080684	High temperature pressure transducers Final report, 15 Apr. 1967 - 7 Oct. 1968	1969
19700080685	An interactive syntax definition facility	1969
19700080686	Application of gyrotheodolite model MOM GI-B2 for underground orientation measurements	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080687	Time division multiplex RADC troposcatter test program Final report	1969
19700080688	Development of convex face draw die Final report, 1 Apr. 1967 - 30 Aug. 1969	1969
19700080689	Sampling of continuous-time Markov processes	1969
19700080690	Microorganisms and the corrosion of metals	1969
19700080691	Wide-band photodetector with a /p-n/ /1-h/ germanium diode	1969
19700080692	Quantum interferometer Quarterly technical report, 15 Jun. - 15 Sep. 1969	1969
19700080693	Seismic noise survey. Volume 4 - Long range seismic measurements program	1969
19700080694	Embrittlement of 10Ni-2Cr-1Mo-8Co steel by antimony, arsenic, tin, and phosphorus	1969
19700080696	O and M agency measurement program instructional handbook. Project Scope Creek. Part 1 - Test procedures. Part 2 - Test instrumentation	1969
19700080697	Analysis of the two-phase expansion of a water-augmented air jet	1969
19700080698	Advanced technology for integrally formed structures Final technical report, 1 Jun. 1968 - 31 Aug. 1969	1969
19700080699	Compatibility studies for viable titanium matrix composites Interim technical report, 1 May 1968 - 30 Jun. 1969	1969
19700080700	A method for calculating the conductivity of simulated silver chloride-magnesium battery electrolytes sea water magnesium chloride solutions	1969
19700080701	Transistor, silicone encapsulated 5.0 watts - 500 MHz Final report, Apr. 1965 - Jun. 1969	1969
19700080702	Coldweld Hi reliability quartz crystal units CR-1018/UX and CR-65/UX Quarterly progress report, 25 Nov. 1968 - 25 Feb. 1969	1969
19700080703	Qualification tests for oscilloscope AN/USM-117C Final report	1969
19700080705	Monte Carlo procedures for transport of X-rays and fluorescent light through a spherical, altitude-dependent atmosphere. Volume 3 - Fluorescent light transport Final report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700080706	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 May - 31 Jul. 1969	1969
19700080707	The refractive index of pure water and seawater as a function of high pressure and moderate temperature. Part 1 - Experimental instrumentation	1969
19700080708	Design of a power system for an airplane wheel drive and brake unit Final report, 10 Dec. 1968 - 10 Jul. 1969	1969
19700080709	Advanced titanium alloy disk production and evaluation, phase 1 Final interim engineering progress report no. 5, 1 Feb. 1968 - 30 Sep. 1969	1969
19700080710	Adaptation of Texaco ignition system to 24 volt operation Final report, Feb. - May 1969	1969
19700080711	Mathematical programming for constrained minimal problems. Part 2 - Sequential conjugate gradient-restoration algorithm	1969
19700080712	Computerized solution of the dynamic response of elastoplastic beam-girder systems Final report	1969
19700080713	Voltage regulation and conversion in unconventional electrical generator systems Final report, Jun. 1967 - Jul. 1968	1969
19700080714	Nine-conductor VLF antenna at China Lake. Part 1 - Initial measurements Technical publication, Jul. 1968 - Jul. 1969	1969
19700080715	Technical evaluation of VLF/LF receiver model 6869 Final report	1969
19700080716	Birds Eye 1-69 23 January - 7 February 1969	1969
19700080717	Birds Eye 8-68 29 November - 16 December 1968	1969
19700080718	Nike-Hydac STV-89, 30 July 1969 and Nike-Hydac, ballistic round, 30 July 1969	1969
19700080719	An experimental investigation of solid propellant retrorocket impingement effects on Saturn stages	1969
19700080720	Modular nuclear vehicle study. Phase 4 - Nuclear stage development program sensitivity analyses Final report	1969
19700080721	An investigation of the base environment of the uprated Saturn S-1B booster at Mach numbers 1.18 and 1.63 using short-duration experimental techniques	1969
19700080722	AS-504 electromagnetic compatibility data	1969
19700080723	Experimental solid state physics employing magnetic resonance techniques Final scientific report	1969
19700080724	Azimuth and elevation direction finder techniques Final report, 1 Jul. 1967 - 31 Dec. 1968	1969
19700080725	Planetary spectroscopy group Semiannual report, 1 Apr. - 30 Sep. 1969	1969
19700080726	Modular nuclear vehicle study. Phase 4 - Flight safety studies Final report	1969
19700080727	Arc radiation measurements and temperature determinations of high temperature argon and nitrogen plasma	1969
19700080729	Orbiting Astronomical Observatory /OAO-A2/ stabilization and control subsystem	1969
19700080730	Habitability - Garment concepts and engineering data Final report	1969
19700080732	A survey of NASA meteorological technology for application to weather modification research and operations Annual report	1969
19700080733	Space storable regenerative cooling investigation Monthly progress report, Jul. 1969	1969
19700080734	An analytical review of the ATS-1 solar cell experiment Final report	1969
19700080735	Analyses of the MOTS camera drive	1969
19700080736	Planar RTG-spacecraft feasibility study. A report covering Task 7B effort under the study NASA evaluation with models of optimized nuclear spacecraft /NEW moons/	1969
19700080737	Advanced valve technology, volume 1 - Mechanical controls Final report, Apr. 1968 - Jan. 1969	1969
19700080738	Modular nuclear vehicle study. Phase 4 - Tank bottom geometry study Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080739	Interplanetary Monitoring Platform IMP-G Delta 69 flash flight report	1969
19700080740	AS-506 post launch software assessment. Saturn launch computer complex Final report, Mar. - Jul. 1969	1969
19700080741	On the influence of boundaries in two-dimensional penetration tests	1969
19700080742	Apollo/Saturn 5 ground systems evaluation report Apollo 11 AS-506	1969
19700080743	A study of the mechanism of chemical reactivity of nitrogen tetroxide with titanium alloy Quarterly report, 25 Apr. - 24 Jul. 1969	1969
19700080744	Modular nuclear vehicle study. Phase 4 - Stage test stand nuclear environmental analysis. Study of modular nuclear vehicles, technology problems, safety systems Final report	1969
19700080745	Flight report for Delta vehicle S/N 20007, Delta program mission no. 70, spacecraft - BIOS-D	1969
19700080747	Large booster nozzle reuse study, phases 2 and 3 Final report	1969
19700080748	Final magnetic test of the RAE-A flight spacecraft	1969
19700080751	Pacific Valve, Incorporated, part no. G1710JYT-10K-G070-WE. 10-inch pneumatically operated, vacuum jacketed, globe valve, NASA part no. 75M05752 HGLV-29 modified	1969
19700080752	James, Pond and Clark, Incorporated, check valve NASA part no. 75M11879, test report	1969
19700080753	Geometric modeling of folded booms of IMP-1	1969
19700080754	Habitability - Garment concepts and engineering data Summary report	1969
19700080755	Shock synthesis of amino acids in simulated primitive environments	1969
19700080756	On the possibility of infrared laser-induced chemistry	1969
19700080758	F-1 engine operation in the S-1C-5 stage of the Saturn 5 AS-505 flight	1969
19700080759	Syntheses of optically active amino acids by reduction of Schiff bases with sodium borohydride	1969
19700080761	Atlas/Centaur-18 Applications Technology, Satellite-E operations summary	1969
19700080762	Apollo/Saturn 5 space vehicle countdown demonstration test	1969
19700080763	Launch Complex 39 emergency egress systems, failure mode and effect analysis AS-507	1969
19700080764	AS-507. Facilities and environmental measurements program	1969
19700080765	Launch mission rules, Apollo 12 /SA-507/CSM-108/LM-6/	1969
19700080766	Launch Complex 39 - Mobile service structure systems, failure mode and effect analysis - AS-507	1969
19700080767	Delta-72 - Orbiting Solar Observatory-G /OSO-G/	1969
19700080768	Data supplement - Atlas/Centaur-18, AC-18	1969
19700080769	Atlas/Centaur-18 - Applications Technology Satellite-5	1969
19700080771	Flight report for Delta vehicle S/N 20005, Delta program mission no. 72, spacecraft - OSO-G	1969
19700080772	Saturation effects of the AMAB-3K8 pendulous integrating accelerometer under high gee vibration Final report	1969
19700080773	Relationships between juxtaglomerular apparatus and zona glomerulosa with excessive and deficient NaCl, and thirst	1969
19700080774	User's guide for photo evaluation program /EVAL/	1969
19700080775	Program document for photo evaluation program /EVAL/	1969
19700080776	Giannini Controls Corporation part no. 461319 /modified/, pressure transducer NASA part no. 75M13108, test report	1969
19700080777	Experimental comparison of Costas and PLL demodulators in RFI environments	1969
19700080778	Analysis of aeroheating and loads on fins of Aerobee 150A and 170	1969
19700080779	F-1 Engine Operation in the S-1C-3 Stage of the Saturn 5 AS-503 Flight	1969
19700080782	Microwave oscillations in bulk semiconductors Final report, 1 Jul. 1965 - 30 Oct. 1968	1969
19700080783	Analysis of a Telemetry Range Instrumented Aircraft /TRIA/ application to reentry missions	1969
19700080784	Launch Complex 39 water systems, failure mode and effect analysis, AS-507	1969
19700080786	Sage Engineering and Valve Company, part no. 1-9345. The 12-inch, 150-pound check valve, NASA part no. 75M05752-HCV-6, NASA control no. 3203-4	1969
19700080789	The Annin Company, part number drawing 4903, 10-inch, group 18. The 10-inch pneumatically operated, vacuum jacketed, globe valve, NASA part no. 75M14524 HGLV-1, HGLV-29	1969
19700080790	Workability testing techniques Final report, 1 Apr. 1967 - 1 Jan. 1969	1969
19700080791	The effect of surface alloying on the fatigue behavior of aluminum and titanium Final report, May 1968 - May 1969	1969
19700080792	A new method for determining the magnetic dipole moment of a spacecraft from near-field data	1969
19700080793	The 10-element one-dimensional structural heating programs	1969
19700080794	Turbulent wake studies Final technical summary report	1969
19700080795	Radiation-hardened amplifier Technical report, 30 Jun. 1967 - 7 Apr. 1969	1969
19700080796	Separation at the interface of a circular inclusion and the surrounding medium under an incident compressive wave Technical summary report, 1 Sep. - 30 Nov. 1968	1969
19700080797	Stress waves in a laminated medium generated by transverse forces Summary report, 1 Mar. 1968 - 1 Mar. 1969	1969
19700080798	High strength fluorocarbon elastomers Technical progress report, Aug. - Dec. 1967	1969
19700080799	Nonlinear multi-signal traveling wave tube theory Technical note	1969
19700080800	Computer validity evaluation procedure Technical report	1969
19700080801	Tube connector development Final technical report, Sep. 1964 - Dec. 1968	1969
19700080802	Studies and experimental work on atomic collision processes occurring in atmospheric gases Technical report, 3 Apr. 1968 - 2 Jul. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080803	WORLD - A subroutine for digital plotting of continental outlines and geographical data	1969
19700080804	Strengthening mechanism of alloys being subjected to phase change and mechanical deformation Final report, 1 Apr. 1967 - 31 Mar. 1969	1969
19700080805	Shock propagation instrumentation Technical report, Mar. 1968 - Jul. 1969	1969
19700080806	Development of manufacturing techniques for production of rain erosion resistant coated structures Interim engineering report, 1 Jul. - 30 Sep. 1969	1969
19700080807	Pacific Missile Range Facility Hawaiian area underwater range	1969
19700080808	Research on new techniques in absorption and emission spectroscopy Final report, Jun. 1968 - Jun. 1969	1969
19700080809	Study of compound structures for Navy aircraft and missiles Final report, 28 Jun. 1968 - 30 Jun. 1969	1969
19700080810	T58-GE-16 component improvement program, phase 2 Final engineering report, 1 Jun. - 30 Sep. 1969	1969
19700080811	Unified signal format for CNI	1969
19700080812	AF95 power manufacturing techniques Interim engineering progress report no. 1, 1 Jun. - 1 Oct. 1969	1969
19700080814	Frequency independent antennas for spacecraft applications Final report	1969
19700080815	Back-tension drawing process Final report, 1 Apr. 1967 - 31 May 1969	1969
19700080816	Wind tunnel tests of a large-chord, swept-panel model to investigate shock-induced separation phenomena Final technical report, 16 Dec. 1968 - 15 Oct. 1969	1969
19700080817	Oceanographic cruise summary Ross Sea, Antarctica Informal report, 25 Feb. - 1 Mar. 1969	1969
19700080818	Low density wind tunnel measurements of the chemiluminescent reactions of nitric oxide with atomic oxygen and atomic hydrogen Final report	1969
19700080819	Review of recent developments. Oxidation-resistant coating for refractory metals	1969
19700080820	The role of structure, low strain rates, high strain and temperature on the low cycle fatigue behavior of 2024-T4 aluminum alloy Summary report, Jan. 1967 - Jan. 1969	1969
19700080821	Extrusion of clad metals Final report, 1 Jan. - 1 Oct. 1967	1969
19700080822	Delta 62, Tiros Operational Satellite /TOS-F/ Final flight report	1969
19700080823	Apollo 10 mission failure and anomaly listing	1969
19700080824	A scheme for computerized information retrieval	1969
19700080826	Silicon vidicon intensifier /U/ Final report, 4 Jun. 1968 - 3 Jun. 1969	1969
19700080827	Multispectral laser reconnaissance techniques /U/ Final report, 15 Apr. - 10 Dec. 1968	1969
19700080828	Multi-mission radar feasibility program. Part 2 - System design, modification, and tests /U/ Final report	1969
19700080829	Army propulsion laboratory and center /U/ Technical status report, Jul. - Sep. 1969	1969
19700080830	Advanced multifunction radar /AMFR/. Volume 1, part 1 /U/ Final technical report, 1 Mar. - 3 Dec. 1968	1969
19700080831	Advanced multifunction radar /AMFR/. Volume 1, part 2 /U/ Final technical report, 1 Mar. - 3 Dec. 1968	1969
19700080832	Advanced multifunction radar /AMFR/. Volume 2 /U/ Final technical report, 1 Mar. - 3 Dec. 1968	1969
19700080837	Regression analysis of captive flight induced vibrations of a missile in an open bay /U/	1969
19700080842	KA-82A medium-altitude camera /U/ Final report, 15 May - 11 Aug. 1969	1969
19700080844	Development and demonstration of passively cooled thrust chamber assemblies for fluorinated propellants /U/ Interim report, 15 Feb. 1968 - Jun. 1969	1969
19700080845	Fluidic devices for mixing two fluids - Feasibility study	1969
19700080846	Cesium tube development Final report, 20 May 1968 - 7 Jul. 1969	1969
19700080847	Dissertation on the rectification of curves and the quadrature of curved surfaces	1969
19700080848	Chameleon substances	1969
19700080849	Research on piezjunction sensors Final report, 15 Aug. 1968 - 14 Aug. 1969	1969
19700080850	Performance evaluation of type C-9 parachute canopies modified to incorporate nylon stretch fabric sections Technical report	1969
19700080851	Effects and control of contamination from a scaled MOD translational thruster in a longitudinal orientation Final report, May - Dec. 1968	1969
19700080853	Evaluation of Sermetel 385 coating for protection of aluminum alloys against stress corrosion cracking	1969
19700080854	Vapor phase impregnation of active carbons Quarterly progress report, Apr. - Jun. 1969	1969
19700080855	Design and development of a liquid metal regenerator system Final report	1969
19700080856	Sampling tests of two, type MS18045-42, lead- acid, aircraft batteries, manufactured by Teledyne Incorporated, Gill Electric Division	1969
19700080857	Evaluation tests of one type MS18045-41, lead-acid, aircraft batteries, manufactured by Teledyne Incorporated, Gill Electric Division	1969
19700080858	Fluidic flow modulation	1969
19700080859	Survey of hydrofoil materials	1969
19700080860	Axial aplanatic all-mirror optics - A study of their optimum performances Final technical report, 25 Apr. 1968 - 25 Apr. 1969	1969
19700080861	Short Range Attack Missile /SRAM/ Laboratory component test program of the gyroflex gyros Final report, May 1967 - May 1969	1969
19700080862	Thin film infrared mosaic sensor Final technical report, 21 Oct. 1968 - 20 Aug. 1969	1969
19700080863	Laboratory testing of a rotary damping device	1969
19700080864	Electron wave interaction in solids Final report, 1 Mar. 1966 - 28 Feb. 1969	1969
19700080865	Evaluation of an air-bearing equipped cooling turbine for the F-4 cabin air conditioning system Final report	1969
19700080866	Research and development support for Interrogation, Recording and Location System /IRLS/ Final report	1969
19700080867	Technical investigation of low angle radiation from conical monopole antennas Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080868	An analysis of the theory, justification, statement, and application of certain new roll-sideslip flying qualities criteria Final report	1969
19700080931	Results of a flight test program to evaluate the performance of an 8-14 micron infrared seeker against carbon dioxide laser illuminated targets /U/ Final report	1969
19700080933	Demand mode integral rocket ramjet /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700080934	Development of high temperature metals and composites for advanced rocket nozzles and associated structures /U/ Final report, 1 Mar. 1968 - 30 Jun. 1969	1969
19700080936	Multi-mission radar feasibility program. Part 1 - System description and test plans /U/ Final report	1969
19700080937	Trimode rocket propulsion feasibility program /U/ Final report, 3 Jan. 1967 - 30 Jun. 1969	1969
19700080938	Shillelagh gas generator propellant mechanical behavior and grain structural integrity analysis /U/	1969
19700080940	Study of phase fluctuations over a satellite-to-aircraft propagation path Final report, Apr. 1968 - Apr. 1969	1969
19700080941	Three experimental hydromechanical transmissions	1969
19700080942	Vibration tests on turbine blades of exhaust gas turbo chargers	1969
19700080943	Textile materials with anti-bacterial characteristics	1969
19700080944	Handheld active readout unit Progress report	1969
19700080945	Radar environment generator Phase report	1969
19700080946	Anisotropy and elasticity of reinforced materials	1969
19700080947	Failure rate prediction for complex bipolar microcircuits Final technical report, May 1968 - May 1969	1969
19700080948	Resonant absorbers for waterborne sound with viscous losses in fluid layers	1969
19700080949	Surface target terminal homing guidance	1969
19700080950	An optimization of apertures for a coaxial retroreflective tracker	1969
19700080951	Manufacturing methods for form rolling complex shapes of high strength titanium alloys Final technical report, 1 Mar. 1965 - 30 Jun. 1969	1969
19700080952	Applicability of inertialess scanning techniques to the design of surveillance radar antennas Final report, 1 Aug. 1967 - 11 Sep. 1968	1969
19700080953	Sampling tests of four type MS18122-1, silver-zinc, aircraft batteries manufactured by Yardney Electric Corporation	1969
19700080954	The mechanical behavior of dewettable solids	1969
19700080955	Qualification tests of two type MS3337-2, nickel-cadmium aircraft storage batteries manufactured by Gulton Industries, Incorporated	1969
19700080956	Exploratory development program Progress report, first quarter fiscal year 1970	1969
19700080957	Test and evaluation of the Pakon 35mm film slide mounter model 509-1A and Pakon plastic slide mounts Final technical report	1969
19700080958	Nanosecond radar observations of sea clutter cross section vs grazing angle	1969
19700080959	Analysis of solid rocket technology barriers Final report, 1 Jun. - 31 Sep. 1968	1969
19700080961	A study in computer-aided aerospace vehicle design Research and development report, Jul. 1967 - Feb. 1969	1969
19700080962	The properties and microstructure of 10Ni-2Cr-1Mo-8Co steel	1969
19700080963	Advanced electron device technology Status report	1969
19700080964	Studies of development of stress response mechanisms Research report, 1 Jul. 1963 - 1 Nov. 1969	1969
19700080966	NIPS course 2 - Computer-assisted instruction segment /system description/. Volume 1 - Formatted file system concepts and file structuring Computer system manual	1969
19700080967	Investigation of joints in advanced fibrous composites for aircraft structures. Joint and attachment investigation. Volume 1 - Technical discussion and summary Final report, 25 Apr. 1967 - 28 Mar. 1969	1969
19700080968	Investigation of joints in advanced fibrous composites for aircraft structures. Joint and attachment investigation. Volume 2 - Test results Final report, 25 Apr. 1967 - 28 Mar. 1969	1969
19700080969	Technical evaluation of the AWCLS radar signal augments Final report	1969
19700080970	Advanced study of a position and azimuth determining system, supplement Final report, Dec. 1968 - Jul. 1969	1969
19700080971	Laser propagation investigations Technical report, 1 Jan. 1967 - 31 May 1969	1969
19700080972	Aerospace density vertical probe report /One Nike-Iroquois vehicle launched 1 July 1969/ Interim technical report, 1965 - 1969	1969
19700080973	Photochemical ignition of gaseous fuel- oxidizer mixtures at subatmospheric pressures Scientific interim report	1969
19700080974	High response laser flowmeter Final report, Feb. - Apr. 1969	1969
19700080975	The evaporation of droplets of low volatility liquids	1969
19700080976	An engineering analysis of facilities for altitude testing of large turbojet and turbofan engines during the 1973 - 1990 era Final report, Jan. 1968 - Apr. 1969	1969
19700080977	Dispersion-strengthened metal structural development Interim technical report, 1 Aug. - 1 Nov. 1969	1969
19700080978	Data analysis with transformations	1969
19700080979	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19700080980	Computer-assisted instruction for NIPS /CAINIPS/ - Programming specifications manual	1969
19700080981	Concerning the influence of transducer element and dome models on transmit-receive reciprocity	1969
19700080982	Liquid epitaxy of 3-5 mixed crystal systems Final technical report, 11 Jun. 1968 - 10 Aug. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700080983	Mechanisms of sand and dust erosion in gas turbine engines Quarterly technical progress report, 1 Jul. - 30 Sep. 1969	1969
19700080984	An investigation of fatigue behavior of reinforced plastics for primary aircraft structures Final report, 1 Feb. 1968 - 1 Jun. 1969	1969
19700080985	Interference notebook, volume 2	1969
19700080986	Intrinsic redundancy of seismic data. Part 1 - Preliminary results Seismic data laboratory report	1969
19700080987	Data processing plan for Interplanetary Monitoring Platform-G /IMP-G/. Volume 1 - The spacecraft	1969
19700080988	Techniques for producing beryllium oxide single crystals Interim report, 1 Jul. - 30 Sep. 1969	1969
19700080989	Optimization of user and earth station interfaces with DSCS. Task 2 - Fault location and interference measurement Final report, period ending Feb. 1969	1969
19700080990	Temperature and time effects on yield and failure of unidirectional glass epoxy composites	1969
19700080991	Transverse properties of unidirectional aluminum matrix fibrous composites	1969
19700080992	The fabrication, morphology, and dynamic mechanical properties of a model composite system containing in-situ grown filler	1969
19700080993	On the application of the Potsdam gravity system	1969
19700080994	Conclusions from heat transfer measurements on the hydrodynamic behavior of the phase boundary between two fluids	1969
19700080995	Remote Access Ionospheric Data System /RAIDS/ for the IBM 360/75 J computer	1969
19700080996	Marine geophysical survey program 1965 - 1967, western north Pacific Ocean and South China Sea. Area 12, volume 5 - Core analysis and bottom photographs	1969
19700080997	Growth of single crystals of silver iodide Final report	1969
19700080998	Analysis of the axisymmetric base-pressure and base-temperature problem with supersonic interacting freestream-nozzle flows based on the flow model of Korst, et al. Part 1 - A computer program and representative results for cylindrical afterbodies	1969
19700080999	Microwave modular devices Semiannual technical report, 1 Apr. - 30 Sep. 1968	1969
19700081000	OAO-B specification and design of the OAO-OCC/OAO-RCS high speed communication link software interface	1969
19700081001	Thermal relationship in fusion welding of aluminum	1969
19700081002	A multi-target indexing device adaptable to a Van de Graaff or optical system	1969
19700081003	High peak power microwave devices Final report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700081004	Properties of distended asbestos phenolic Technical report	1969
19700081005	Down converter to the eye-safe region Semiannual report, 12 Feb. - 11 Aug. 1969	1969
19700081006	Research and development of /low-light-level/ near IR camera tube with solid-state array target Quarterly progress report, 21 Apr. - 31 Jul. 1969	1969
19700081007	Synthetic aperture helicopter radar experimental evaluation program Quarterly progress report, 1 May - 31 Jul. 1969	1969
19700081008	Tetrahedron flow beam geometry for microwave tubes Triannual report no. 9, 4 Oct. 1968 - 3 Feb. 1969	1969
19700081009	The gasdynamics of self-regulation of a supersonic plug nozzle	1969
19700081010	The characteristic operational factors of porous bearings	1969
19700081011	Testing the wear resistance of plastics having crystalline structures	1969
19700081012	The pressure bomb - A dynamic method for calibrating gas pressure transducers	1969
19700081013	Laser holocamera droplet measuring device Final report, Nov. 1968 - Jul. 1969	1969
19700081014	Instructional system/CAI /system description/ Computer system manual	1969
19700081015	Glass lasers as optical generators	1969
19700081016	Film chromatography of some nitro compounds and of nitric acid ester on silica gel G compounds belonging to the field of explosives of which most have similar adsorptive properties	1969
19700081019	Advanced packaged liquid rocket engine /U/ Final report, 6 Nov. 1967 - 30 Jun. 1969	1969
19700081022	Inorganic halogen oxidizers /U/ Semiannual report, 1 Apr. - 30 Sep. 1969	1969
19700081023	Characterization and scale-up of high-energy TVOPA/EA propellants /U/	1969
19700081025	Molecular sink vacuum friction test /U/ Final report, Mar. - Nov. 1969	1969
19700081028	Submarine command and control system progress brochure /U/ Annual report, Jul. 1967 - Jul. 1968	1969
19700081029	Investigation of null processing for vertical line arrays /U/ Final report	1969
19700081031	Gas generator fueled SCRAMJET cycle and performance analysis /U/	1969
19700081032	Advanced in-tube burning rocket motor technology composite scroll /U/	1969
19700081034	Verticality design studies on VLF/LF trailing wire antenna /U/ Final report, Feb. 1968 - Jul. 1969	1969
19700081037	Interagency Chemical Rocket Propulsion Group. Thermochemistry Working Group, 7th meeting bulletin, volume 2 /U/	1969
19700081038	Liquid propulsion technology /U/ Technology status report, Jul. - Sep. 1969	1969
19700081042	Analysis of penetration aids for manned aircraft. Volume 1 - Summary, conclusions, and recommendations /U/ Summary report, 2 Jan. - 30 Nov. 1968	1969
19700081044	A comprehensive survey of high lift devices for transonic maneuvering, volume 1 /U/ Final report, Jun. 1968 - Jan. 1969	1969
19700081045	A comprehensive survey of high lift devices for transonic maneuvering, volume 2 /U/ Final report, Jun. 1968 - Jan. 1969	1969
19700081047	Recent advances in rocket engine chamber cooling technology /U/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081048	Cost Studies of Multipurpose Large Launch Vehicles. Volume 9 - Propulsion Data and Trajectories, Appendices /U/ Final Report	1969
19700081049	AN/AVD-2 laser reconnaissance set /U/ Final report	1969
19700081050	Strapdown miniature electrostatic gyro /SDMEG/ development and evaluation /U/ Final report	1969
19700081051	Exploratory Studies of Aircraft Afterbody and Exhaust-nozzle Interaction	1969
19700081058	Translations on French nuclear, missile, space and related military developments, no. 204	1969
19700081059	First-stage tests on Diamant B successful	1969
19700081060	Laser reflectors for lunar telemetry described	1969
19700081061	Space experiment technology course outlined	1969
19700081062	Coming events in the field of space science	1969
19700081063	Utilization of habrobracon and artemia as experimental materials in bioastronautic studies Progress report, Jul. - Dec. 1969	1969
19700081064	Primate Hemodynamics And Metabolism in an Orbiting Satellite /PHAMOS/ Semiannual status report, 1 Feb. - 31 Jul. 1969	1969
19700081065	Collaborative research in cardiovascular dynamics and bone elasticity Progress reports, 11 Feb. - 31 Dec. 1969	1969
19700081066	Test conductor units 22B4-C1 and 22B9-c1, Operational Intercommunication System /OIS/, equipment manual	1969
19700081067	Single crystal silicon ribbon pilot line Final technical report, 1 Jan. 1968 - 31 Mar. 1969	1969
19700081068	Theoretical lower limits of temperature for bacterial growth rates at low temperature Progress report	1969
19700081069	Rocket research into aurora and airglow Final report, 1963 - 1968	1969
19700081070	Modular nuclear vehicle study. Phase 4 - NERVA thrust vector control requirements Final report	1969
19700081073	Neurospora experiment P-1037 Quarterly progress report, 1 Jul. - 30 Sep. 1968	1969
19700081074	Radiation Damage Study-phase 3 /RADS 3/. Volume 6 - Error analysis for finite difference solutions of converging wave problems, book 2 of 2 books Final report	1969
19700081077	Investigation of significant information in electrophysiological recordings and possible mechanization	1969
19700081079	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments. Part 1 - Metal-ion reversible effects of ultraviolet radiation upon membrane permeability Semiannual report	1969
19700081080	The azomethine nitrene	1969
19700081081	Application of electron diffraction and retarding potential techniques to the investigation of electron reflection properties of clean and gas covered metal surfaces Semiannual status report, period ending 30 Sep. 1969	1969
19700081082	Operator manual for test conductor units 22B4-C1 and 22B9-C1. Operational Intercommunication System /OIS/	1969
19700081083	A description of laser-produced plasmas. 3 - Macroscopic behavior Progress report	1969
19700081087	Parameters affecting performance characteristics of cast flare systems	1969
19700081088	Surface properties of thermionic electrodes Quarterly status report, 1 Aug. - 31 Oct. 1969	1969
19700081090	Apollo 11 mission 5-day report	1969
19700081091	Biological changes during muscular activity	1969
19700081092	Investigation of subsonic duct distortion Final report, Nov. 1967 - Feb. 1969	1969
19700081093	Digital hydraulic servovalve evaluation Final report	1969
19700081094	Ion anemometer Final report, 17 Jun. 1968 - 31 Jul. 1969	1969
19700081095	Experimental results of a small water- augmented air-jet	1969
19700081096	Ablative composites for high pressure liquid propellant environment. Part 2 - Fabrication and tests Technical summary report, 1 Jun. 1968 - 31 Jul. 1969	1969
19700081097	Development of improved cutting tool materials Final technical report, 15 Mar. 1967 - 16 Mar. 1969	1969
19700081098	The design and definition of a particular three dimensional swept wing	1969
19700081099	Gradient techniques for aerospace applications Progress report, 1 Jun. - 31 Dec. 1969	1969
19700081100	Mechanism of air purification Quarterly progress report, Apr. - Jun. 1969	1969
19700081101	Fiber optics for optical electron tubes	1969
19700081102	Microwave parametric amplifier Interim technical report, 27 May - 27 Aug. 1969	1969
19700081103	Experimentally observed beam-plasma instability	1969
19700081104	Where is the split-beam shadow?	1969
19700081105	CWCD-1000/1010 sonic analyzer with CH-47A/B helicopter capability Final report	1969
19700081106	'physics of the ocean' second edition. Luminescent marine organisms	1969
19700081107	Advanced chemical milling processes Interim engineering progress report, 1 Jul. - 30 Sep. 1969	1969
19700081108	Fluids for acoustic lenses Final report, 26 Jul. 1968 - 26 Jul. 1969	1969
19700081109	Optimization of user and earth station interfaces with DSCS. Task 7, A/D conversion and digital baseband multiplexing Final report	1969
19700081110	LF to VHF shipboard direction finding research Interim development report, 1 Jul. - 30 Sep. 1969	1969
19700081112	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19700081113	Low-noise C-band transistor gain module Quarterly report, 15 Mar. - 14 Jun. 1969	1969
19700081114	Low-noise C-band transistor gain module Quarterly report, 15 Dec. 1968 - 14 Mar. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081115	Development of LP wave discrimination capability using LP strain instruments Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700081116	Honest John /03702/, missile number 371, round number 595 AML /3 October 1969/ Meteorological data report	1969
19700081117	Investigation of ultrahigh strength bulk glass Final report, Mar. 1968 - Jan. 1969	1969
19700081118	Production engineering measure for type CR-/XM-57//U crystal units Final report	1969
19700081119	Effects of a controlled atmosphere system on the storage life of lettuce. Part 1 - Laboratory tests Technical report, Jul. 1967 - April 1969	1969
19700081120	UNIVAC CP-642B self-instruction programming manual, volume 2	1969
19700081121	Investigation of a multitraverse 10.6 micrometer oscillator amplifier	1969
19700081122	Weather planning factors for fair weather reconnaissance systems /France/	1969
19700081123	Review of recent developments - Beryllium	1969
19700081124	Hydrogen fluoride chemical laser - A demonstration of pure chemical pumping. 2 - New concepts in fast mixing flow systems Final report	1969
19700081125	Test-frame study of light and camera positions for the deep-submergence rescue vehicle /DSRV/ Test report, 28 Sep. - 3 Oct. 1967	1969
19700081126	Laser-beam welding process development Interim engineering progress report, 1 Jul. - 30 Sep. 1969	1969
19700081127	Low-noise L-band amplifier production engineering measures study and implementation Quarterly reports, 1 Jan. - 30 Jun. 1969	1969
19700081128	Low current plasma arc welding Interim technical report, 16 Jul. - 15 Oct. 1969	1969
19700081129	Advantages of wideband modulation in short MF-HF communication link, phase C, part 6 Final report, 1 Feb. - 30 Jun. 1969	1969
19700081130	Evaluation of monolith telemeters for use in hypervelocity ranges Final report, May 1968 - May 1969	1969
19700081131	The measurement of particle sizes and their distribution in the condensation nuclei counter Quarterly progress report, May - Aug. 1969	1969
19700081132	The mechanism and kinetics of aerosol filtration Quarterly progress report, 1 Feb. - 30 Apr. 1969	1969
19700081133	Production engineering measure for improved reliability of solid tantalum capacitors Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19700081134	Observations of vibration-vibration energy pumping between diatomic molecules	1969
19700081135	Research toward preparing bulk shapes of beryllium oxide by chemical vapor deposition techniques Quarterly report, 15 Jun. - 15 Sep. 1969	1969
19700081136	Mechanisms of laser-surface interactions Final report	1969
19700081137	Resistance spot weld-adhesive bonding process Interim technical progress report, 15 Jul. - 15 Oct. 1969	1969
19700081138	Heat-transfer tests of a multipurpose entry vehicle at Mach number 10 Final report	1969
19700081139	Relationship of structure to strength in titanium alloys Final report, 1 Jul. 1966 - 30 Jun. 1969	1969
19700081140	Modem tests on an ionospheric channel simulator, phase C, part 4 Final report, 1 Feb. - 30 Jun. 1969	1969
19700081141	Aerodynamic characteristics of ballutes and disk-gap-band parachutes at Mach numbers from 1.8 to 3.7 Final report, 30 Jul. - 13 Sep. 1969	1969
19700081142	Noise data and analysis, phase C, part 12 Final report, 20 Jan. - 30 Jun. 1969	1969
19700081143	Space communications - Division 6 Quarterly technical summary report, 1 Jun. - 31 Aug. 1969	1969
19700081144	Arecibo 430 MHz feed development study - Program plan	1969
19700081145	Powder metallurgy production of structural shapes Annual technical progress report, 19 Sep. 1968 - 18 Sep. 1969	1969
19700081146	Automatic measurement of ultrasonic velocity changes Technical report, 1 Jul. - 1 Sep. 1969	1969
19700081147	Improved insulators for IC technology Interim engineering report, 16 Jul. - 15 Oct. 1969	1969
19700081148	Vapor phase impregnation of active carbons Quarterly progress report, Jan. - Mar. 1969	1969
19700081149	Crane Company, part no. 1/2-B-98728-B - Crane manual ball valve, NASA part no. 75M51163-3, NASA control no. 3346-4	1969
19700081150	Further development of an electronically controllable microwave window Final report, 27 Jul. 1968 - 27 Jul. 1969	1969
19700081151	Evaluation of the effects of electronic countermeasures pods on separation characteristics of three stores from the F-4 aircraft at Mach numbers from 0.57 to 0.89 Final report	1969
19700081152	Review of recent developments - Nickel and cobalt-base alloys	1969
19700081153	Fluorine-hydrogen performance evaluation Quarterly progress report, for period ending 26 Dec. 1968	1969
19700081154	Test Report: Pacific Valve, Inc, Part Number Figure Number G 1710JYT-10K-S70-WE-5. 8-Inch Pneumatically Operated, Vacuum Jacketed, Globe Valve, NASA Part No. 75M05752, HGLV-33 Modified	1969
19700081155	Qualification test, Autoclave Engineers, Incorporated, manifold valve - Manufacturers part no. 30-2215-2, NASA part no. 75M10212, NASA control no. 3361-4	1969
19700081156	Study of integral launch and reentry vehicle system, phase 1 Final report	1969
19700081157	LM soil erosion and visibility investigations	1969
19700081161	Low-speed three dimensional turbulent boundary layer data, part 2	1969
19700081163	Flexible Tubing Corporation, expansion joint NASA part number 75M15214 PEJ-1, revision 'C'	1969
19700081164	A theoretical study of height control in flight close to the ground as affected by elevator lift and cockpit position	1969
19700081165	Bending of a square plate with central square hole	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081166	The computer aided design of loading systems for aircraft strength tests	1969
19700081167	Low-speed wind-tunnel tests on a 1/7 scale model of the BAC 221	1969
19700081168	Minneapolis-Honeywell temperature controller, NASA part no. 75M15214-PC-1, NASA control no. 3265-4 Test report	1969
19700081169	Sage Engineering and Valve Company, part no. 1-9337 - The 12-inch check valve, NASA part no. 75MO5752-HCV-17, NASA control no. 3387-4 Test report	1969
19700081170	The effect of vehicle and lunar multipath upon the Apollo LM and CSM. S-band antenna tracking systems. Antenna and propagation studies for spacecraft	1969
19700081172	Guidance analysis program user's manual. Project Apollo applications	1969
19700081174	Flight report for Delta vehicle S/N 20008 Delta program mission number 68, spacecraft - Intelsat 3-D	1969
19700081175	Pneumatically operated 14-inch butterfly valve	1969
19700081176	Design and development of diborane shipping container Quarterly letter, 7 Aug. - 6 Nov. 1969	1969
19700081177	Investigation of the preparation of materials in space Quarterly progress report, 18 Jun. 1969 - 31 Aug. 1969	1969
19700081178	An improved method for calculating generalised airforces on oscillating wings in subsonic flow	1969
19700081179	Wind-tunnel measurements and calculations relevant to the separation of a particular pick-a-back free-flight model from its boost assembly	1969
19700081180	Two dimensional incompressible flow past a lifting aerofoil	1969
19700081181	Spatial modulation in the Omega system, airborne trial /July 1968/	1969
19700081182	Two dimensional flows with heat addition. Part 1 - Inviscid flow	1969
19700081183	The speed control of the 13 feet by 9 feet low-speed wind tunnel at RAE Bedford	1969
19700081184	Submicro determination of cobalt, manganese or nickel in organometallic compounds	1969
19700081185	Remarks on the structure of conical flow	1969
19700081186	The Annin Company, part no. P-4761 - A 2-inch pneumatic operated valve, NASA part no. 75M05752, HCLV-4, NASA control no. 3230-4	1969
19700081187	Structural and mechanical effects of interstitial sinks Quarterly progress report, 8 Mar. - 8 Jun. 1969	1969
19700081188	Advanced ballistic missile defense study. Volume 2 - Baseline Final report	1969
19700081189	How do rods and discs fall in a friction- producing liquid?	1969
19700081190	Advanced spacecraft subsystem cost analysis study, stabilization and control system. Volume 1 - Condensed summary Final report	1969
19700081191	Advanced spacecraft subsystem cost analysis study, stabilization and control system. Volume 2 - Summary Final report	1969
19700081192	Advanced spacecraft subsystem cost analysis study, stabilization and control system. Volume 3 - Cost and technical data Final report	1969
19700081193	Advanced spacecraft subsystem cost analysis study, stabilization and control system. Volume 4 - Cost data analysis Final report	1969
19700081194	Advanced spacecraft subsystem cost analysis study, stabilization and control system - Cost handbook	1969
19700081195	New aerial films Final report	1969
19700081196	Adaptive sampled data detector Final technical report, 4 Aug. 1968 - 14 May 1969	1969
19700081197	Long period array processing development Quarterly report, 1 Aug. - 31 Oct. 1969	1969
19700081198	Phase matching conditions in five uniaxial crystals	1969
19700081199	A night lightmeter	1969
19700081200	Portable instrument for measuring reflection coefficients in the far infrared /2-14 mu/	1969
19700081202	Deterioration control of fleet and PAR weapons systems Progress report	1969
19700081204	UHF propagation from buried antennas, phase C, part 2 Final report, 1 Feb. - 30 Jun. 1969	1969
19700081205	Ballistic missile reentry phenomenology study Quarterly technical report, 1 Jan. - 4 Mar. 1969	1969
19700081206	Stabilized image binocular Final report	1969
19700081207	The night teleradiance meter	1969
19700081208	The design of an optimal active longitudinal secondary suspension system for a high speed tracked air cushion vehicle	1969
19700081209	Cryogenic quenching of aluminum alloy and titanium alloy sheet metal parts in liquid nitrogen	1969
19700081210	LM LR FMES error model verification. Apollo spacecraft systems analysis program	1969
19700081211	The modification and redesign of moderate depth lunar drill assembly and parts	1969
19700081212	Final task order report for the biomedical data storage and retrieval system	1969
19700081214	The Doppler system as a navigation aid	1969
19700081215	Analyzing street traffic with centimeter waves	1969
19700081216	Waveguide, waveguide circuits and antenna research study Final report, 1 Sep. 1964 - 31 Jan. 1969	1969
19700081217	Marine geophysical survey program 1965-1967. Western north Pacific Ocean and South China Sea. Area 15, volume 5 - Core analysis and bottom photographs Final report	1969
19700081218	Spectrum occupancy in the HF band Research and development report, Jun. - Sep. 1968	1969
19700081219	A distribution-free test for extremes with radar applications in ECM and ECCM Research and development report, Jun. 1968 - Jan. 1969	1969
19700081220	Effects of stagnation point mass injection on the heat transfer distribution of a sphere in hypersonic low Reynolds number flow	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081222	Elastomeric and compliant materials for liquid rocket fuel and oxidizer application, part 2 Final report, 3 Mar. 1968 - 3 Mar. 1969	1969
19700081224	Aero engine development - TF 41-A-2 engine number 141045 model qualification test altitude portion	1969
19700081225	Ga/x/Al/1-x/As laser diodes Quarterly technical report no. 2, 8 Feb. - 7 May 1969	1969
19700081226	General synthesis - The 'Ludion' question. The 'Ludion' sustentator	1969
19700081227	Wintec Corporation mechanical filter - Manufacturer's part no. 24241-550-1, NASA part no. 75M07212-3, NASA control no. 3374-4	1969
19700081229	Applications technology satellite Quarterly progress report, 1 Jun. - 31 Aug. 1969	1969
19700081232	Space storable propellant vacuum performance evaluation Quarterly progress report for the period ending 31 Aug. 1969	1969
19700081234	Investigation of the effects of thermal and chemical non-equilibrium on combustion in supersonic streams Quarterly report, 1 Oct. - 31 Dec. 1969	1969
19700081236	Santa Barbara pyrotechnic seeding device test program, 1967-1968 and 1968-1969 seasons Final report	1969
19700081237	A coherent optical correlator	1969
19700081238	Some questions on the theory of the Askania gravimeter	1969
19700081239	A design for the evaluation of measurements for data transmission	1969
19700081240	The computation of horizontal derivatives of gravity disturbances in the space outside earth from a development of the potential in spherical harmonics	1969
19700081241	Evaluation program for secondary spacecraft cells - Acceptance test of Mc Donnell Douglas Astropower Division, 5.0 ampere-hour silver-zinc cells	1969
19700081243	Microelectronics receiver techniques study Interim development report, 28 Jun. - 28 Sep. 1969	1969
19700081244	Technical evaluation of interrogator set AN/UPX-23 Interim report	1969
19700081245	Multiplexer set AN/UCC-4/V/. Volume 1 Final report, 15 Feb. 1966 - 3 May 1967	1969
19700081247	Multiplexer set AN/UCC-4/V/. Volume 3 - Electro-interference test report Final technical report, 15 Feb. 1966 - 3 May 1967	1969
19700081248	Multiplexer set AN/VCC-4/V/. Volume 4 - Final reliability report/maintainability test and demonstration report Final report, 15 Feb. 1966 - 3 May 1967	1969
19700081249	Multiplexer set AN/UCC-4/V/. Volume 5 - Summary of engineering changes Final report, May 1967 - Jun. 1969	1969
19700081250	Theoretical mobility parameters of flat, rectangular plates with clamped and elastic boundaries using the method of Galerkin Technical note	1969
19700081251	Wear studies of titanium coated with electroless nickel	1969
19700081252	The work of the Geodetic Institute of Hungary from June 1933 to June 1936	1969
19700081253	US Navy satellite geophysics program Status report, Apr. - Jun. 1969	1969
19700081254	James, Pond and Clark, part no. 449TI-12WWV - Pneumatic shuttle valve, 3/4 inch, 3000 psig, NASA part no. 75MO8417-10, NASA control no. 3282-4 Test report	1969
19700081255	Test report, Tescom Corporation, Fluid Systems Division, NASA part number 75M51364-2 - Pressure regulator	1969
19700081256	Structural airframe application of advanced composite materials. Volume 10 - Advanced technology Final report	1969
19700081257	Program of positron studies Final report addendum, 5 Mar. 1968 - 4 Mar. 1969	1969
19700081260	In-track error for AAP resulting from variations in atmospheric drag	1969
19700081262	Tracking and data relay satellite phased array engineering model test plan	1969
19700081263	Design of microfilm acquisition, storage and retrieval system for solid propellant mechanical behavior data Final report, 15 Jan. - 15 May 1969	1969
19700081264	Stability correlation between the pulse motor combustion tool and a full-scale engine Technical report, Nov. 1965 - Sep. 1967	1969
19700081266	Analysis of variable lift curve slope for a proposed variable-stability NT-2B airplane	1969
19700081267	Intense and transient pressure, temperature, and irradiation effects of the ionization of water Final report, May 1965 - Jun. 1967	1969
19700081268	On the determination of the direction of the minor axis of the reference ellipsoid and the plane of the initial geodetic meridian from observations of artificial earth satellites	1969
19700081269	The local gravity conditions in the Potsdam Geodetic Institute	1969
19700081270	A ground clutter simulation and analysis program for airborne radars	1969
19700081271	On the problem of disturbing signals in earth-tide recording with gravimeters	1969
19700081272	Tests of the laser gyro triad system. Part 3 - Hardware and software for shipboard tests	1969
19700081273	Control of thin film interface barriers Interim technical report, 1 Mar. - 1 Sep. 1969	1969
19700081274	Propulsion system integration and test program /steady state/. Part 4 - Inlet drag tests Technical report, 26 Jul. - 12 Aug. 1968	1969
19700081275	Magnetic interactions in metallic systems Final scientific report, 1 Oct. 1967 - 30 Sep. 1969	1969
19700081276	Advanced ballistic missile defense study. Volume 3 - Tactical programming Final report	1969
19700081277	Advanced ballistic missile defense study. Volume 4 - Star data processing architecture Final report	1969
19700081278	Advanced ballistic missile defense study. Volume 5 - Support software Final report	1969
19700081279	Interagency chemical rocket propulsion group. Thermochemistry working group, seventh meeting bulletin, volume 1, 9-11 April 1969, NASA Lewis Research Center, Cleveland, Ohio	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081280	Development of a microwave system for particle and shock velocity measurement using a piezoresistive dielectric waveguide Final technical report	1969
19700081281	A metal oxide semiconductor integrated circuit timer Technical report	1969
19700081282	Mass-spectrometric studies of graphite vaporization at high temperatures Quarterly technical management report no. 4, 1 Jul. - 30 Sep. 1969	1969
19700081283	Optical properties of solid and liquid mediums submitted to ultrasonic elastic vibrations	1969
19700081284	Introduction to radar technology	1969
19700081285	Galvanomagnetic effects in single-crystal thin films Final report	1969
19700081286	A comprehensive ground clutter model for airborne radars	1969
19700081287	Gravimetric study of Algeria-Tunisia	1969
19700081288	Expansion of the earth's flattening and gravity to terms of the third order inclusive	1969
19700081289	Life and condition of interior coating of fuel servicing vehicles M49 and M131 vehicles Technical report	1969
19700081290	Analysis of wind tunnel test results on wing- body configurations designed to delay high speed buffet onset	1969
19700081296	Test report, SEALOL, Incorporated 12-inch check valve, NASA part number 75M05752HCV-14, NASA control number 3204-4	1969
19700081297	The influence of 3 percent prestrain on the creep strength of aluminum 2.5 percent copper 1.2 percent magnesium alloys at 150 deg C	1969
19700081298	Studies of gas-solid interactions using a modulated beam mass spectrometer Quarterly report	1969
19700081299	Brushless dc starter-generator Quarterly report, 1 Apr. - 1 Jul. 1969	1969
19700081300	Free-radical recording films Final technical report, 15 Dec. 1967 - 15 Dec. 1968	1969
19700081301	Research on new concepts on energy conversion Annual technical progress report, 1 Nov. 1968 - 31 Oct. 1969	1969
19700081302	K band measurement of the dielectric constants of selected gases	1969
19700081303	Research and development of semiconductor diodes for use in harmonic generator applications using single diodes Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700081304	Radome effects on a radar phased array antenna Final report, Oct. 1968 - Oct. 1969	1969
19700081305	Test report, Flexonics Division, Calumet and Hecla, Incorporated hydraulic supply hose, NASA part number 75M13688-2	1969
19700081306	Natural frequency of axial vibration of turbine wheels	1969
19700081307	Diode control research Final report, May 1966 - 15 Jul. 1969	1969
19700081308	Study of noise in semiconductor devices Final report, 16 Sep. 1965 - 15 Jul. 1969	1969
19700081309	The flight performance of the NRL Mark 3 Omega aircraft navigation set	1969
19700081310	The moon. Volume 2 - Bibliography report, Jan. 1953 - Dec. 1968	1969
19700081311	US Navy satellite geophysics program Status report, Jan. - Mar. 1969	1969
19700081312	Structural airframe application of advanced composite materials. Volume 4 - Mechanical properties-static Final report	1969
19700081313	Marine Geophysical Survey Program 1965 - 1967. Western North Pacific Ocean and South China Sea. Area 13, volume 5 - Core analysis and bottom photographs Final report	1969
19700081315	Investigation of laminated structures for radio frequency applications Interim technical report, 16 May - 15 Aug. 1969	1969
19700081316	Recommended structural design approaches for advanced aerospace vehicles Final report, Jul. 1966 - Jul. 1967	1969
19700081317	Thin film nucleation and growth phenomena of germanium and tantalum Final technical report, Jul. 1967 - Jul. 1969	1969
19700081318	S-band telemetry program Interim engineering report, 1 Aug. - 31 Oct. 1969	1969
19700081319	Hewlett-Packard model H11-8601A, serial P-11 signal generator, model K01-8601A, serial P-1B frequency divider, and model H11-8708A, serial P-2 synchronizer Interim report	1969
19700081320	Large Overland Transport System /LOTS/ evaluation Final report, Jan. - Mar. 1968	1969
19700081321	Shape and surface roughness effects on turbulent nose tip ablation Technical report, Jan. 1968 - Jan. 1969	1969
19700081322	Determination of criteria for rain erosion testing of the standard ARM radome. Part 1 - General considerations	1969
19700081323	Systems component electromagnetic compatibility Quarterly report, 19 May - 19 Aug. 1969	1969
19700081325	Ionization processes in flames seeded with metals	1969
19700081326	North Polar, South Polar, world maps and tables of invariant magnetic coordinates for six altitudes - 0, 100, 300, 600, 1000, and 3000 KM Final report	1969
19700081327	Study of ion exchange membranes in electrochemical cells Final technical report, 17 Mar. - 17 Sep. 1969	1969
19700081328	Effect of non-Gaussian additive noise on a digital data transmission system Research and development report, Jan. 1968 - Aug. 1969	1969
19700081329	Geosciences and Technology Bulletin, volume 6, number 6	1969
19700081330	Technique to reduce reservoir pressure fluctuations in an overtailored shock tunnel Final report, 13 Sep. - 14 Oct. 1968	1969
19700081331	A single-antenna repeater for HF radio propagation studies Technical report	1969
19700081333	Evaluation of prototype ALERTS equipment, February - May 1969. Radiation protection special study /U/	1969
19700081334	Kinetics of decomposition of high energy materials /U/ Final report, 1 May 1968 - 30 Apr. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081335	Ingredients for gas generators /U/	1969
19700081338	Fuel-rich boron propellant environmental characterization program /U/ Semiannual report, 12 Nov. 1968 - 31 Mar. 1969	1969
19700081345	Synthesis of dense amines /U/ Final technical report, 1 Jan. - 30 Sep. 1969	1969
19700081346	Evaluation of illuminator for night vision goggle. Radiation protection special study /U/	1969
19700081347	Material flow phenomena. Volume 2 - Theoretical and experimental investigation of transient gas dynamic interactions between two materials Final report, 15 Mar. 1968 - 15 Apr. 1969	1969
19700081348	Radial outflow compressor component development. Volume 3, phase 3 - Mechanical design and experimental investigation using modified rotor Final report	1969
19700081349	Study of electronic packing standardization concepts Final report, 17 Jan. - 30 Sep. 1969	1969
19700081350	Nike-Hydac STV-91 /22 October 1969/ Meteorological data report	1969
19700081351	Calculation of electron and ion densities resulting from multiple nuclear detonations Research and development report, Jan. - Jul. 1969	1969
19700081352	Stress-corrosion investigation of candidate braze alloys Final report, Nov. 1967 - Jun. 1969	1969
19700081353	Ablative materials characterization. Part 1 - Arc-heater screening Technical report, 1 May 1968 - 30 Apr. 1969	1969
19700081354	Vacuum-irradiation tests on the D-21 expandable airlock thermal control coating, part 2 Final report, May - Jun. 1969	1969
19700081355	Thermomechanical erosion of ablative plastic composites Quarterly progress report	1969
19700081356	Explosive forming of solid propellant rocket motor end closures Interim engineering progress report, 1 Aug. - 31 Oct. 1969	1969
19700081357	Glass bath heating of forging stock Interim engineering progress report, 1 Aug. - 31 Oct. 1969	1969
19700081358	Flow of moist air near the ground 2 Semiannual report	1969
19700081359	A review of modern naval steels Technical note	1969
19700081360	Stabile Ku band master oscillator Interim technical report	1969
19700081361	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors Quarterly report, 13 Mar. - 13 Jun. 1969	1969
19700081362	Development of an electron beam recorder for a high resolution electronic camera EBR for HiREC Interim technical report, 1 May - 1 Oct. 1969	1969
19700081363	The determination of the vertical component of earth tides	1969
19700081364	Ceramic Awareness Bulletin no. 18, September - October 1969	1969
19700081365	An economic study of oxygen difluoride Quarterly progress report, 1 Jun. - 31 Aug. 1969	1969
19700081366	Apollo/Saturn 5 space vehicle countdown Volume 2 - Turnaround from scrub	1969
19700081367	Phase 2 of a sterilization and storage compatibility study of growth media for extraterrestrial use Final report	1969
19700081369	Broadband infrared detector Final report, 1 Apr. - 30 Nov. 1968	1969
19700081370	Statistical detection of pulse trains	1969
19700081371	Nondestructive determination of nonelectronic part reliability Final technical report, 20 Feb. 1968 - 20 Feb. 1969	1969
19700081372	Laser radiance measurements Research and development report, 1 Jul. 1968 - 1 Jul. 1969	1969
19700081373	Superfluid and type 2 transport phenomena Final report, Oct. 1968 - Oct. 1969	1969
19700081374	An examination of selected techniques for generating continuously equivalent networks	1969
19700081375	Surface and subsurface observations of endurance tested 6309 size bearings Special report	1969
19700081376	Advanced design battery power source for aircrew survival transceivers and beacons Interim technical report, Mar. 1968 - Aug. 1969	1969
19700081377	Airframe bearings for advanced vehicles Final technical report, May 1966 - Jun. 1969	1969
19700081378	Lightweight headsets and sweep-on oxygen masks Final report, 4 Sep. - 15 Oct. 1969	1969
19700081379	Wind tunnel investigation of the roll characteristics of the improved 2.75-inch- diameter folding fin aircraft rocket at Mach numbers from 2.5 to 4.5 Final report, 15-18 Jul. 1969	1969
19700081380	Ku-band pulse power amplifier Quarterly report, 1 Jun. - 31 Aug. 1969	1969
19700081381	Solid state RF chain for IFF application Final technical report, 5 Dec. 1967 - 24 Apr. 1969	1969
19700081384	A note on the structure of narrow band noise	1969
19700081385	Effect of missile boattail geometry on simulated flight attenuation /U/ Final report, 26 Mar. - 25 Sep. 1969	1969
19700081389	Advanced maneuvering propulsion technology program /U/ Quarterly progress report, 1 Aug. - 31 Oct. 1969	1969
19700081391	Personnel detection radar /U/ Quarterly progress report, 20 Feb. - 20 Jun. 1969	1969
19700081395	A low cost dipole telemetry antenna for small sounding rockets	1969
19700081396	Computed radiation patterns of a step-phased array	1969
19700081397	The application of fracture mechanics to material selection and structure design in aircraft	1969
19700081398	The semi-annual variation in the upper atmosphere - A review	1969
19700081402	Synthesis of new fluoronitroaliphatic explosive compounds /U/ Final report	1969
19700081403	Airborne intruder engagement system /U/ Monthly technical report for period ending 30 Nov. 1969	1969
19700081405	Propellant tailoring techniques for controllable rocket motors /U/ Interim report, 15 Apr. - 15 Oct. 1969	1969
19700081407	Aeronutronic duration control valve evaluation /U/ Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081409	Susceptibility of potential target components to defeat by thermal action Quarterly progress report, 2 Jun. - 2 Sep. 1969	1969
19700081410	Micropower integrated circuits study program Final report	1969
19700081411	Seismic system studies Final report	1969
19700081412	Review of recent developments. High-strength steels	1969
19700081413	Test and evaluation of compact, manual, web photographic film processing methods Final technical report	1969
19700081414	Objective and dynamic analysis of tropical weather Semiannual report, 18 Mar. - 18 Sep. 1969	1969
19700081415	Evaluation of jet flap effectiveness on a quasi-two dimensional airfoil at transonic speeds Final report, 29 May - 25 Jun. 1969	1969
19700081416	A catalog of positions for 502 stars in the region of the Pleiades Final technical report	1969
19700081417	Cumulative structural damage testing Final report	1969
19700081418	A semiobjective method of forecasting ceiling and surface visibility below 300 feet and one mile at Hahn Air Base, Germany Final report, Jan. 1962 - Feb. 1969	1969
19700081419	The diagnosis and prediction of Seasia northeast monsoon weather	1969
19700081420	High performance fuel cell Quarterly technical report, 1 Jul. - 30 Sep. 1969	1969
19700081421	Night vision aiming light prototypes, US Army Night Vision Laboratory /USANVL/, Fort Belvoir, Virginia 22060, 22 January 1969. Laser hazards special study	1969
19700081422	Evaluation of infiltrated tungsten nozzle inserts	1969
19700081423	Functionality, molecular weight, and solution properties hydroxyl and carboxyl terminated polybutadienes	1969
19700081424	Free-flight investigation of the aerodynamic characteristics of blunted 8-deg semiangle cones at Mach numbers from 12.0 to 17.6 Final report, 3 Mar. 1967 - 21 May 1969	1969
19700081425	Submillimeter low noise detector and amplifier Final report, 17 May 1968 - 17 May 1969	1969
19700081426	Wave climatology as an aid to ship routing. Part 3 - North Pacific Ocean	1969
19700081427	UHF adjacent channel control techniques Final report	1969
19700081428	The use of ultrasonic instruments for determination of extent of exfoliation corrosion Final report	1969
19700081430	Properties of He-Ne ring lasers at 3.39 microns	1969
19700081432	Exchange rates between some design variables for an aircraft just satisfying take-off distance and climb requirements	1969
19700081433	Propagation of the 50-Hz spectral component of ELF atmospherics across the sunrise terminator Research report, Sep. 1968 - Jul. 1969	1969
19700081434	Interference problems on wing-fuselage combinations. Part 1 - Lifting unswept wing attached to a cylindrical fuselage at zero incidence in midwing position Technical report	1969
19700081435	Use of turboshaft engines in high powered wind tunnel models	1969
19700081436	Study of the magnetosphere, the solar wind and the transition zone Final report	1969
19700081437	A contour-drawing program for use in the analysis of tests on air intakes	1969
19700081438	Translations on French nuclear, missile, space, and related military developments, no. 207	1969
19700081439	Nuclear antiferromagnetism work described	1969
19700081440	Bugey 1 rod control system described	1969
19700081441	Crotale tested at Landes Test Center	1969
19700081443	The displacement governing of aircraft alternators. Part 1 - Single channel system	1969
19700081444	Development of liquid ammonia batteries Summary report	1969
19700081445	A-4B engine compartment overheat investigation Final report, 27 Aug. - 23 Sep. 1969	1969
19700081446	An evaluation of the fluctuating airborne environment in the AEDC-PWT 4-ft	1969
19700081447	The effects of weld thermal cycles on As- deposited and underlying fusion-zone structures and properties in gas-metal arc weld metals. Part 2 - Activity report, 1 Dec. 1967 - 31 Dec. 1968	1969
19700081448	Translations on French nuclear, missile, space, and related military developments, no. 208	1969
19700081449	Hydrogen peroxide use as oxidizer described	1969
19700081450	New microprobe analyser for very light elements	1969
19700081451	Range-finding laser tested at Landes Center	1969
19700081452	Analysis of Dupont experimental film Dylux type XF-203M	1969
19700081453	Advanced ballistic missile defense study. Volume 1 - Summary Final report	1969
19700081454	Evaluation of night vision aiming light engineering development model. US Army Night Vision Laboratory /USANVL/, Fort Belvoir, Virginia 22060, 30 July and 15 August 1969. Radiation protection special study	1969
19700081456	Evaluation of infant searchlight, April 1969. Radiation protection special study	1969
19700081457	Numerical analysis of elastoplastic stresses Memorandum report	1969
19700081458	Evaluation of laser ocean wave monitor, Atlantic City, New Jersey, 9 June 1969. Radiation protection special study	1969
19700081461	The simplification of incompletely specified sequential machines	1969
19700081462	A survey of reverse flow problems with high speed rotary wing aircraft Special project	1969
19700081463	The effects of GTA parameters on fusion zone geometry and soundness. Part 2 - Activity report, May - Jul. 1969	1969
19700081464	Evaluation of rocket nozzle passive temperature indicators /Test nozzle number 2/	1969
19700081495	Development of improved cutting tool materials Interim engineering progress report, 16 Jun. - 15 Sep. 1969	1969
19700081496	Igneous rocks. Volume 2 - A DDC bibliography, April 1952 - April 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081497	Flight test report on the prescribed action link system A/C24-1 Technical report, Jul. 1968 - May 1969	1969
19700081499	The development of an aircraft tire-pressurization system for the C-141 cargo aircraft Final report, 9 Apr. 1965 - 31 Dec. 1967	1969
19700081500	Computer indicator AN/ASA-27A E-2A aircraft reliability improvement program, volume 1 Final engineering report	1969
19700081501	Computer indicator AN/ASA-27A E-2A aircraft reliability improvement program, volume 2 Final engineering report	1969
19700081502	Computer indicator AN/ASA-27A E-2A aircraft reliability improvement program, volume 3 Final engineering report	1969
19700081503	Nanosecond rise time transient recorder Final report, 13 May 1968 - 13 Jul. 1969	1969
19700081504	Electromagnetic pulse system. Volume 2 - Marx generator design Technical report, 1 Aug. - 1 Dec. 1968	1969
19700081505	An improved process for the working of welded titanium alloy tubing Interim engineering progress report, 1 Feb. - 30 Apr. 1969	1969
19700081506	Millimeter and submillimeter wavelength receiver techniques Final technical report, 1 Sep. 1967 - 31 Aug. 1968	1969
19700081507	Apollo/Saturn 5 space vehicle flight readiness test	1969
19700081508	Apollo/Saturn 5 space vehicle countdown, volume 1	1969
19700081509	Apollo/Saturn 5 flight safety plan vehicle AS-507	1969
19700081510	Review of homogeneous nucleation theory Technical report, Jun. 1968 - May 1969	1969
19700081511	Melt-through welding of Ti-6Al-4V titanium alloy sheet	1969
19700081512	A research program on solid propellant physical behavior Annual report, 1 May 1968 - 30 Apr. 1969	1969
19700081513	Monte Carlo procedures for transport of X-rays and fluorescent light through a spherical, altitude-dependent atmosphere. Volume 1 - X-ray transport Final report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700081514	Mechanisms of slow crack growth in high-strength steels and titanium Technical report, Apr. 1967 - Apr. 1969	1969
19700081515	Development of composite tape laying process for advanced fibrous reinforced composite structures Quarterly report, period ending 15 Jul. 1969	1969
19700081517	Low altitude atmospheric turbulence LO-LOCAT, phase 3. Volume 1 - Data acquisition and analysis Interim summary report, 17 Apr. 1968 - 8 Jan. 1969	1969
19700081520	Delta-71, Intelsat 3E, flash flight report	1969
19700081521	Delta-63, Intelsat 3F-2 Final field report	1969
19700081524	Multiple doped erbium glasses Final report, 15 Apr. 1968 - 15 Apr. 1969	1969
19700081525	The effects of nickel on the microstructure and mechanical properties of ferritic steels	1969
19700081526	Synthesis of polymers with high residues at high temperatures Informal quarterly status report, 1 Aug. - 31 Oct. 1969	1969
19700081527	RADC accomplishments FY-69, volume 2	1969
19700081528	Meteorological data report. 11601 Lance missile no. 7103, round no. 71, 28 October 1969	1969
19700081529	Meteorological data report. 11601 Lance missile no. 3101, round no. 70, 22 October 1969	1969
19700081530	Mass-spectrometric studies of graphite vaporization at high temperatures Interim technical report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700081531	Retinal temperature distribution for the study of threshold retinal burns inflicted by Q-switched lasers Technical research report	1969
19700081532	Production engineering measure for hybrid quartz filters 10 MHz to 30 MHz Quarterly progress report, 24 Jun. - 23 Sep. 1969	1969
19700081533	Crystal chemistry studies Final report, 14 Feb. 1965 - 30 Jun. 1969	1969
19700081534	Rayleigh mode synthesis and analysis at a typical vertical array site	1969
19700081535	A luminous density meter description and operating instructions	1969
19700081536	Integrated microwave communication circuits Interim technical report	1969
19700081537	Production engineering measure CR-/XM-69//U and CR-/XM-70//U Quarterly report, 16 Jun. - 16 Sep. 1969	1969
19700081538	Ultraviolet ion laser Final report, 1 Apr. 1968 - 30 Jun. 1969	1969
19700081539	Lunar surface electrical property experiment for analysis of communication	1969
19700081540	New Jacobi-type necessary and sufficient conditions for restricted classes of singular optimization problems	1969
19700081541	Evaluation of the thermophysical properties of the Apollo heat shield Final report	1969
19700081542	System analysis of gelled space-storable propellants Quarterly progress report, 1 Sep. - 30 Nov. 1969	1969
19700081543	Propellant ingredient safety Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19700081544	Structural studies of massive glass, September 1968 - May 1969 Final report	1969
19700081545	Study of advanced modulation techniques for advanced communications systems Final report, 8 Mar. - 7 Jun. 1969	1969
19700081547	Atlas/Centaur-16 - Orbiting Astronomical Observatory-2 Final field report	1969
19700081548	Engineering description and user's guide for program OBDLP - AGC erasable ephemeris data load program	1969
19700081549	Propagation measurements for over-water low-angle and over-horizon communications with buoys Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081550	Microcircuit crystal oscillator Quarterly report, Jun. - Sep. 1969	1969
19700081551	Manufacturing techniques for controlled deposition and application of doped oxides Interim engineering progress report no. 5, 1 Mar. - 31 May 1969	1969
19700081552	Production engineering measure for mechanization of high-reliability capacitors Final report, 31 Dec. 1962 - 31 Dec. 1968	1969
19700081554	Superconducting bolometer research program Progress report, 1 Jan. - 1 Jul. 1969	1969
19700081557	An experimental investigation of twin jet and isolated pod nozzle/afterbody interaction effects. Phase 2 - Subsonic MAX A/B, transonic, and supersonic results	1969
19700081558	Current-carrying capacity of aerospace wires - Circuit protection	1969
19700081559	Development of integrated circuits by the semiconductor on teflon on dielectric process Final report	1969
19700081560	Study of lighting warning system improvement	1969
19700081561	Delta-71, Intelsat 3E, operations summary	1969
19700081569	The minimum-time thrust-vector control law in the Apollo lunar-module autopilot	1969
19700081570	Space station program - Phase B definition, special emphasis tasks Quarterly summary report, 4 Sep. - 1 Dec. 1969	1969
19700081571	Space station program - Phase B definition study Quarterly progress report	1969
19700081574	VHF Communications Analysis Program /VHFCAP/, HV014E users manual, volume 1	1969
19700081575	Apollo 11 LM-5 ascent propulsion system, final flight evaluation	1969
19700081576	LM-CSM VHF multipath analysis, volume 1	1969
19700081577	Gravitational acceleration of a point mass due to a rotating nonspherical body	1969
19700081580	Characterizing radar receiver operation in terms of measured probability density functions - Instrumentation and applications /U/ Special technical report, Oct. 1968 - Apr. 1969	1969
19700081583	Advanced inertial-sensor techniques, volume 2 /U/ Annual technical report, 16 Oct. 1968 - 1 Aug. 1969	1969
19700081589	Service propulsion subsystem propellant budget program user's manual	1969
19700081590	Ascent propulsion system and descent propulsion system propellant budget program user's manual	1969
19700081591	KSC facilities and operations for Saturn MS-1C/MS-4B /intermediate 20/ launch vehicle Executive summary report	1969
19700081592	KSC facilities and operations for Saturn MS-1C/MS-4B /intermediate 20/ launch vehicle Final technical report	1969
19700081593	KSC facilities and operations for Saturn MS-1C/MS-4B /intermediate 20/ launch vehicle Appendices	1969
19700081616	Test and evaluation of a Bendix Go-No-Go Gage equipped with Delta-P fuses	1969
19700081617	Redundant air conditioning system for data link transmission repeater buildings numbers 5 and 6. Launch Complex 39 Final test report	1969
19700081618	Preflight analysis of the LM steerable antenna tracking system operation during lunar descent and ascent on the Apollo 12 mission	1969
19700081619	Study of integral launch and reentry vehicle system. Volume 7 - Technical report, briefing brochure, phase 2 Final report	1969
19700081620	Environmental test program for the International Satellite for Ionospheric Studies-A /ISIS-A/	1969
19700081621	Automated Microbial Metabolism Laboratory Quarterly progress report	1969
19700081623	Extraterrestrial life detection by enzymatically induced exchange of O-18 Quarterly report, 15 Sep. - 15 Dec. 1969	1969
19700081626	Delta-64, Orbiting Solar Observatory-G /OSO-G/, operations summary	1969
19700081627	Apollo 10/AS-505, detailed refurbishment report for Launch Complex 39B	1969
19700081628	Photosystem 2 and oxygen evolution	1969
19700081630	LM-6 landing radar quick look report for mission H-1	1969
19700081631	Delta-73, Pioneer-E, operations summary	1969
19700081632	Landing radar quick look report, mission G	1969
19700081633	Apollo 10/AS-505, prelaunch refurbishment report for Launch Complex 39B	1969
19700081634	CSM 107 /mission G/ mission evaluation study analysis report	1969
19700081635	Program guide for the TERRA abort program	1969
19700081637	The coenzyme A Semiannual report	1969
19700081638	Pacific Valve, Incorporated, part numbers G1710JYT-G070-WE/HGLV-31/ and G1710HYT-10K-G070-WE/HGLV-23/. Four-inch vacuum jacketed globe valve, NASA part numbers 75M05752-HGLV-31 and 75M05752-HGLV-23	1969
19700081639	Stress intensity factors for surface flawed fracture specimens Quarterly status report	1969
19700081642	Translations on French nuclear, missile, space, and related military developments	1969
19700081644	Apollo/Saturn consolidated instrumentation plan for AS-505 /Apollo 10/	1969
19700081645	Seismic lunar surface experiment and theory	1969
19700081646	Headquarters flight readiness review. Apollo 11, lunar module	1969
19700081648	Delta-61 HEOS-A Final field report	1969
19700081693	Apollo 11 - Headquarters flight readiness review. Command and service module	1969
19700081694	Development of materials and materials application concepts for joint use as cryogenic insulation and micrometeoroid bumpers Annual summary report	1969
19700081695	Test report - Marotta Valve Company, part number 230434-6000, dome loaded regulator, NASA part number 75M51102, NASA control number 3242-4	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081696	Study of a water electrolysis system for small lunar missions Technical summary report, 16 Apr. - 28 Nov. 1969	1969
19700081697	Test firing of a spike-actuated flexible seal nozzle	1969
19700081698	Free radical photography Final report, 1 Jul. 1967 - 31 Oct. 1968	1969
19700081699	The absorption spectrum of a defect-center model	1969
19700081700	Experimental feasibility study of a high Reynolds number hypersonic expansion tunnel Final technical report, 15 Jan. - 1 Dec. 1968	1969
19700081701	The Princeton Pennsylvania Army avionics research program Annual report, 1 Jun. 1968 - 30 Jun. 1969	1969
19700081702	Manufacturing methods and process controls for low cost resonant gate transistors Final report, 1 Jan. 1967 - 31 Dec. 1968	1969
19700081703	Manufacturing methods for a mission oriented associative processor Final report, 15 Apr. 1968 - 16 Jul. 1969	1969
19700081704	Statistics of the estimators of spectral moments with applications to radar measurement of wake Doppler spectra. Part 2 - Effects of noise and filtering	1969
19700081705	Test and evaluation of the model 800 B-2 pulsed Doppler scoring system Final report, 5 Apr. - 26 Nov. 1968	1969
19700081706	Synthesis of novel ablative polymers Final report	1969
19700081708	Abstracts of the Nineteenth Annual Symposium of USAF Antenna Research and Development Program	1969
19700081709	Ku-band planar spiral antenna	1969
19700081710	A new design technique for TEM-LINE antennas	1969
19700081711	Millimeter radome and antenna techniques	1969
19700081712	A unique broadband dipole antenna design utilizing conjugate reactance loading	1969
19700081713	Dual vertical beam properties of doubly-curved reflectors	1969
19700081714	Experimental evaluation of a circularly polarized metallic lens antenna	1969
19700081715	A technique for improving antenna voltage breakdown threshold with application to electrically small loops	1969
19700081716	Dual frequency millimeter wave ground antenna system	1969
19700081717	VHF unfurlable turnstile antennas	1969
19700081718	A form of phased array inertialess beamsteering derived from the technique of signal processing	1969
19700081719	Mutual coupling effects in phase-scanned array of high-gain elements	1969
19700081720	Step-scanned circular-array antenna	1969
19700081721	Adaptive array beamforming and steering, using Prony's Method	1969
19700081723	Some applications using a 1-GHz computer controlled receiving array	1969
19700081724	Cosecant-squared beam synthesis and stabilization concepts for phased arrays	1969
19700081725	A comparison of electronically scanned lenses and phased arrays	1969
19700081726	Multi-octave fixed phased center feed for a parabolic reflector or lens-type collimator	1969
19700081727	The interaction of miniaturized slot elements in an array	1969
19700081728	Investigation of the Rudimentary Horn	1969
19700081729	Matrix method analysis of airborne trailing wire antennas	1969
19700081730	A new method of evaluating the noise performance of two-port networks	1969
19700081731	RF considerations in design of low noise, high gain antennas for satellite communications	1969
19700081732	Wire antennas - Analysis and synthesis by matrix methods	1969
19700081733	Investigation of corona discharge from VLF antenna cables in variable density wind tunnel	1969
19700081734	An HF field calibration technique for evaluating HF aircraft antennas	1969
19700081735	A new tapered anechoic chamber illuminating antenna	1969
19700081736	Trailblazer 2 reentry communications program	1969
19700081737	The maximum strength of initially imperfect, axially compressed, circular cylindrical shells Final report	1969
19700081738	Production engineering measure for improved reliability of solid tantalum capacitors Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19700081739	An experimental investigation of shock wave. Boundary layer interaction dynamics Final report, Dec. 1967 - 15 Apr. 1969	1969
19700081740	Semi-continuous pressure sintering Final report, 15 Jul. 1968 - 8 Oct. 1969	1969
19700081741	An analysis of the problem of aircraft survivability Technical report, Jul. 1967 - Oct. 1968	1969
19700081742	A contribution to the calculation of rotating shells	1969
19700081743	Nike-Cajun /three sphere ejection/-1 /20 November 1969/ Meteorological data report	1969
19700081744	Dynamic mechanical properties of particulate filled composites	1969
19700081745	Propulsion study for STOL air-sea craft Final report, 18 Dec. 1968 - 15 Sep. 1969	1969
19700081746	Evaluation of a Mariner propellant system bladder using centrifuge facility 1-15	1969
19700081747	On surface gravity waves in heterogeneous shear flows	1969
19700081748	Optimum gyrators Quarterly report, Jun. - Sep. 1969	1969
19700081749	Research to determine the effects of surface catalycity on materials behavior in dissociated gas streams Quarterly progress report	1969
19700081750	Maximum thrust nozzles for rotational or nonequilibrium simple dissociating gas flows including boundary layer effects, volume 1 Technical report, 1 Sep. 1966 - 31 Aug. 1969	1969
19700081751	Summary of research and publications Annual report, 1 Dec. 1968 - 30 Nov. 1969	1969
19700081753	Optical cross-beam field tests at ESSA Haswell Field site, October, 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081754	Physical and biochemical changes occurring in bone as a result of gravity counteraction Final report	1969
19700081756	Research on the planetary boundary layer	1969
19700081757	Effects of inlets on the longitudinal aerodynamic characteristics of a delta-winged body at Mach numbers 5, 8, and 10 Final report, Jun. 1965 - Sep. 1967	1969
19700081758	Manufacturing methods for roll diffusion bonded stiffened skin structure Interim engineering report, 30 Jun. - 30 Sep. 1969	1969
19700081759	High pressure extruding Final report, 1 Jul. 1966 - 30 Jun. 1969	1969
19700081760	Acceptance data for TACAN antenna	1969
19700081761	An analytical and laboratory investigation to develop more effective methods for producing dense barium ion clouds Semiannual report	1969
19700081762	Installation support SNAP-27 contingency plan documentation	1969
19700081763	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19700081764	Development of fatigue data for several alloys for use in aerospace design Final report, Mar. 1966 - Nov. 1968	1969
19700081765	Non-Acoustic Audio Coupling to the Head /NAACH/ Final report	1969
19700081766	Thin-film channel multiplier arrays Interim development report, 18 Sep. - 17 Dec. 1968	1969
19700081767	Statistical analysis of the response of a linear and nonlinear oscillator using a numerical Green's function Technical summary report, 1 Nov. 1968 - Jun. 1969	1969
19700081768	Continuous tone diazo film for duplication of reconnaissance negatives Final report, Jul. 1966 - Oct. 1968	1969
19700081769	Feasibility test of FMU-76/B firebomb fuze optical proximity sensor Final report, 25 Aug. 1968 - 3 Jul. 1969	1969
19700081770	Implementation of an advanced air-to-surface missile computer Final report, Apr. 1968 - Sep. 1969	1969
19700081771	Effect of reflections from CO2 cryopanel deposits on the thermal balance of a test model in a space simulation chamber Final report, Jan. 1968 - Aug. 1969	1969
19700081772	A Monte Carlo study of small sample properties of estimates of parameters in a non-linear regression model	1969
19700081773	An introduction to superconductivity and rotating electrical machinery with an annotated bibliography	1969
19700081774	Graphs for designing cambered planing surfaces having the Johnson three-term camber section, rectangular planform, and zero deadrise Research and development report	1969
19700081775	Advanced engine control system study Final report	1969
19700081776	Meteorological resources and capabilities in the 1970's	1969
19700081777	Notes on measuring nonstationary pressures behind the rotor	1969
19700081778	Stellar image excursions caused by random atmospheric refraction	1969
19700081779	High power storage diode modulator Final report, 12 Jan. 1968 - 13 Feb. 1969	1969
19700081780	The 1160S Lance missile number 3104, round number 72	1969
19700081781	Unconventional aircraft powerplants catalog	1969
19700081808	Convection in a nearly isothermal atmosphere	1969
19700081809	Functional flight-test program on advanced forward-looking infrared subsystem model C19 Final technical report, 3 Feb. - 3 Jul. 1969	1969
19700081810	Tactical traffic and system analysis standardization report Final report, Dec. 1968 - Jun. 1969	1969
19700081811	Optimal controllers for homing missiles with two time constants Technical report	1969
19700081813	Generalized harmonic analysis for pattern recognition. A biologically derived model	1969
19700081814	Analysis and design of the flight control system for a short range tactical air-to-air missile	1969
19700081815	Determination of equivalent gain functions for nonlinear sampled-data systems subjected to deterministic inputs	1969
19700081816	Determination of electron density distributions from VLF/LF reflection data Research report, Aug. 1967 - Apr. 1969	1969
19700081817	A model EMC/EMP/TEMPEST control plan for AWACS	1969
19700081818	Analog computer programs and solutions for equations of electron optics Final report	1969
19700081819	Study of hypervelocity air shocks in an explosively driven shock tube	1969
19700081820	Altitude simulation by test facility 1-42B during repeated start-stop operation of a rocket motor	1969
19700081821	Prototype production process for fabrication of wire and tubing by hydrostatic extrusion drawing Interim engineering progress report, 1 Aug. - 31 Oct. 1969	1969
19700081822	Ablation of fluorocarbon resins and composites Technical report, Jul. - Dec. 1968	1969
19700081823	Mathematical calibration of the ring test for friction studies in flat forging operations. Part 1 - Experimental evaluation Technical report, Aug. 1968 - Apr. 1969	1969
19700081824	Preseated seal concept for AFRPL connector seal retention Technical report, Oct. 1968 - Apr. 1969	1969
19700081845	Evaluation of a platform vertical single-component thrust stand Technical report	1969
19700081846	High strength, high modulus graphite fibers - The preparation from acrylic yarn precursors Technical report, Mar. - Aug. 1966	1969
19700081847	Design and fabrication of an experimental electroluminescent display panel Final report, 1 Mar. 1967 - 15 Apr. 1969	1969
19700081848	Methods and guidelines to reduce launch cost. Study summary, volume 2 Final report	1969
19700081849	Methods and guidelines to reduce launch cost. Task 1-report, volume 3 Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081850	Methods and guidelines to reduce launch cost. Task 2-downmode plan, part 2. Volume 4 - Area presentations Final report	1969
19700081851	Methods and guidelines to reduce launch cost. Task 2-downmode plan, part 1. Volume 4 - Systems analysis Final report	1969
19700081852	Methods and guidelines to reduce launch cost. Task 3-Launch Complex 39B maintenance requirements, volume 5 Final report	1969
19700081885	Inertia tests of a 22.7 foot twin keel parawing model 1 report no. 3	1969
19700081887	Optimized cost performance design methodology. Volume 2 - Data review and analysis. Book 4 - Compilation of subsystem data reports	1969
19700081888	Optimized cost performance design methodology. Volume 2 - Data review and analysis. Book 3 - Detail cost analyses	1969
19700081890	Flexible exit cone nozzle demonstration firing results	1969
19700081891	Evaluation of General Electric pyrolytic graphite coated throat insert	1969
19700081892	The effects of certain additives on the oxidative stability of polypropylene	1969
19700081893	Radiation hardened O-TC zener diodes	1969
19700081894	Titanium alloy scrap reclamation process Interim-engineering progress report, 15 Jun. - 15 Sep. 1969	1969
19700081895	The development of devices for power conditioning applications Quarterly progress report, 28 Mar. - 28 Jun. 1969	1969
19700081896	Day/night resolution and contrast evaluation of a modified B-6A driftmeter Final report, 16 May - 13 Jun. 1969	1969
19700081897	Aerodynamic characteristics of a fixed-wing fighter-type aircraft employing various roll- control devices at transonic Mach numbers Final report	1969
19700081898	Quartz crystal type unit CR-1067X and CR-/XM-67//U production engineering measure Quarterly progress report, 25 Feb. - 25 May 1969	1969
19700081899	Study of spurious signal generation in microwave tubes Final report, 9 Apr. 1968 - 8 Jul. 1969	1969
19700081900	High temperature elastomer networks from difunctional block polymers Final report, 1 Aug. 1968 - 31 Jul. 1969	1969
19700081901	Effects of three boundary-layer control devices on a quasi-two-dimensional swept wing at high subsonic speeds Final report, 26 Jun. - 12 Jul. 1969	1969
19700081902	Electronically variable coupler Final technical report, Jan. 1968 - Jul. 1969	1969
19700081903	Failures in grains exposed to rapid changes of environmental temperatures. An application of linear cumulative damage concepts Final report, 1 May 1968 - 28 Feb. 1969	1969
19700081904	A 100 watt PEP insulated-gate field-effect transistor for operation from a 28-volt supply Interim engineering report, 21 Jun. - 21 Sep. 1969	1969
19700081905	Electrical insulating materials in fluid pressure ambients	1969
19700081906	Applied research in electronic warfare techniques Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
19700081907	Project Tule Fog - An investigation of warm fog dispersal using hygroscopic solutions	1969
19700081908	High temperature mechanical properties of R-3600 carbon phenolic composites obtained under rapid heating conditions	1969
19700081909	Research on the dynamics of the small-scale processes of air-sea interaction Progress report	1969
19700081910	Transtage ACS valve storage test	1969
19700081911	Infrared and Raman spectra of some benzyliidenemalononitriles, cinnamylidenemalononitriles, cinnamionitriles, 3-indoleacrylonitriles, and related compounds Technical report, Nov. 1967 - Mar. 1969	1969
19700081912	Foundational research projects Quarterly report, Jul. - Sep. 1969	1969
19700081913	Gun internal ballistics Final report, Jan. - May 1969	1969
19700081914	Altitude simulation by test cell 1-42B during rocket motor firings of short duration Technical report, Jan. - Mar. 1969	1969
19700081915	Computer modeling Final report, May 1968 - May 1969	1969
19700081916	Temperature shock test of a two-inch bolted flange joint	1969
19700081920	Trw Systems Service Module /SM/ - Thermal Math Model /TMM/ 2TV-1/103 correlation report	1969
19700081922	S1630I - Transient performance prediction environmental control system for Apollo applications program, book 1	1969
19700081923	S1630I - Transient performance prediction environmental control system for Apollo applications program, book 2, appendixes	1969
19700081924	Study of design considerations for maintenance of space systems	1969
19700081925	An investigation of seiches in DaNang Bay, Vietnam	1969
19700081927	A 300 deg C rotating rectifier alternator. Phase 2 - Design, fabrication, and test of alternator Interim technical report, 16 Aug. 1968 - 15 Nov. 1969	1969
19700081928	Altitude simulation by vertical test cell 1-42-B during repeated start-stop operation of a rocket motor	1969
19700081929	Yawing motion of 5 inch Mk 41 projectile studied by means of yawsondes Final report	1969
19700081930	Normal modes for a translating open-ended cylindrical cavity	1969
19700081931	Materials for tactical radio handsets	1969
19700081932	Considerations in the design of glass- reinforced plastic grommets	1969
19700081933	Round Robin no. 30 of the ICRPG Working Group on analytical chemistry - Particle size analysis of nominal 20 to 30 micron ammonium perchlorate with the mine safety appliances analyzer	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081934	Trials of an ultrasonic altimeter as a means of determining helicopter vertical landing velocities at the instant of touchdown	1969
19700081936	High power solid state, gas lasers and molecular lasers Annual technical report, 1 Oct. 1968 - 30 Sep. 1969	1969
19700081937	TACAN antenna techniques Final report	1969
19700081938	Advanced contact printing Final report, Jun. 1968 - Jul. 1969	1969
19700081939	Transistor and diode model handbook Technical report, 15 Sep. 1968 - 15 Feb. 1969	1969
19700081940	The hypersonic boundary layer on a wedge with uniform mass addition and viscous interaction Progress report, Jan. - Oct. 1968	1969
19700081941	Jet interaction control effectiveness for subsonic and supersonic flight Final report, 1 Jun. 1968 - 31 Aug. 1969	1969
19700081942	Determination of physical and chemical structure of new high-temperature polymers Technical report, 1 Oct. 1968 - 31 Aug. 1969	1969
19700081943	Manufacturing methods report Quarterly progress report, 1 Aug. - 31 Oct. 1969	1969
19700081944	Sled test of Bell 9 accelerometer S/N 007 with Pulse Rate Converter /PRC/ Final report Apr. - Aug. 1969	1969
19700081945	Integrated microwave amplifier-converter Technical report, Jan. - Aug. 1969	1969
19700081946	Department of Defense Electromagnetic Compatibility Symposium 1969. US Army Electronics Command, Fort Monmouth, New Jersey, 19-20 June 1969	1969
19700081947	VALUE 4 - Validated Aircraft Logistics Utilization Evaluation. An aircraft simulation model Final report	1969
19700081948	STAR FISH photography from the Equator Special report no. 1	1969
19700081949	A probabilistic analysis of the interactions of a periodically pulsing signal and a periodically gated receiver	1969
19700081950	The effect of high intensity turbulence on the aerodynamics of a rigid circular cylinder at subcritical Reynolds number	1969
19700081951	Beam synthesis techniques for large circular arrays with many directive elements Technical report, 22 Sep. 1967 - 22 Sep. 1968	1969
19700081952	A parametric study of boundary layer effects on maximum thrust nozzle contours Technical report, 1 Sep. 1966 - 31 Aug. 1969	1969
19700081953	Fuels research for supersonic combustion Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700081954	Design and evaluation of a high temperature radial turbine Quarterly summary report, 1 Aug. - 31 Oct. 1969	1969
19700081955	Design and operation of heat flux simulators for the improved transtage environmental test Final report, 25 Nov. 1968 - 21 Mar. 1969	1969
19700081956	Performance of vertical test cell 1-42B during evaluation of a restartable solid propellant motor	1969
19700081957	Determination of the effects of acceleration- induced loads on a propellant system bladder	1969
19700081958	Graphite fiber composites for deep ocean ordnance Quarterly progress report, 1 Jul.- 1 Oct. 1969	1969
19700081959	Display evaluation programming Final report, Jan. - Sep. 1969	1969
19700081960	Evaluation and modification of antenna couplers CU-1382A/FRR and CU-1382B/FRR Final report	1969
19700081961	Study of design procedures and limitations for monopulse Scalar Feeds	1969
19700081962	Accelerated service testing of model J52-P-8A engine smoke abatement hardware Interim report, 10 Dec. 1968 - 8 Jul. 1969	1969
19700081964	Comparative failure studies of acrylate/acrylic acid copolymers - BA/AA vs EA/AA Technical report	1969
19700081965	Research in purification and single crystal growth of 2-6 compounds Progress report, 1 Jul. - 30 Sep. 1969	1969
19700081966	Gross Feasibility Estimator GFE 3 - Analytical manual	1969
19700081967	Determination of an equitable temperature rating and development of additional test procedures for M81044 wires Final report	1969
19700081968	Sampling tests of one, type MS90447-2, nickel-cadmium aircraft storage battery manufactured by Sonotone Corporation	1969
19700081969	Electrode migration and reaction processes occurring within alkaline-zinc batteries Final report, Dec. 1965 - Sep. 1969	1969
19700081970	Sampling of solids	1969
19700081971	Magnetic shields for defense Final report, Oct. 1967 - Sep. 1969	1969
19700081972	Theoretical study of high altitude debris-air interaction Technical report, 27 May 1968 - 27 May 1969	1969
19700081973	A certain class of pulse regulation systems with frequency modulation	1969
19700081974	Second generation starlight scope, phase 2 Final technical report, Aug. 1968 - May 1969	1969
19700081975	AN/SPN-42 Mode 1, 1A, 2, and 3 certification tests for USS Saratoga /CVA-60/ Final report	1969
19700081976	The design, development, and production of the WX-30690 SEC camera tube Final report	1969
19700081978	A 150 hour endurance portion of TF-41-A-2 model qualification penalty test, appendix 1	1969
19700081979	Evaluation of Magnafax 850 copier Final report, 1 Mar. 1968 - 1 Nov. 1969	1969
19700081980	A new way of overcoming the effect of IFF interrogation reflections	1969
19700081981	Molecular binding and catalysis Annual summary report, Jun. 1968 - Jul. 1969	1969
19700081982	Super-power solid-state X-band source study Interim engineering report, 6 Aug. - 13 Dec. 1969	1969
19700081990	Standardization of Tacan system testing and calibration Final report	1969
19700081991	Effects of security fences on VHF/UHF propagation, part 8 Final report, 1 Feb. - 30 Jun. 1969	1969
19700081992	Evaluation of video signals simulator SM-441/V/4/UYA-4/V/ /XN-1/ Interim report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700081993	Color generation of a contact analog display from black and white video data	1969
19700081994	Helicopter windshield rain repellent Final report	1969
19700081995	Transport calculations for MeV gamma rays in the atmosphere	1969
19700081996	Static development test stage 3/PBPS separation joint, figure A6553 Final test report, 26 Oct. - 4 Nov. 1966	1969
19700081997	Sea return standard	1969
19700081998	Research in advanced technology for naval vertical lift aircraft Final report	1969
19700081999	Synthesis of elastomers for use with liquid fluorine Quarterly letter report, period ending Dec. 1969	1969
19700082000	Pilot-plant development of the NHC process /U/	1969
19700082005	Navy Long Wave Propagation Center coverage predictions for the Navy, fixed, VLF transmitter facilities for December - February /U/ Final report	1969
19700082006	Improved internal and external insulations for rocket motors /U/ Final report, 1 Sep. 1968 - 31 Aug. 1969	1969
19700082007	Final operating and maintenance manual for Far Infrared Target Indicator /FIRTI 1/ /U/	1969
19700082008	Packaged Liquid Air Augmented Rocket /PLAAR/ /U/ Final report, 1 Jul. 1968 - 15 Aug. 1969	1969
19700082009	Research and development of high energy torpedo propellants /U/ Final report, 21 Apr. 1967 - 20 Apr. 1968	1969
19700082015	Air-to-surface missile active radar guidance concepts A through J /U/ Summary report	1969
19700082016	Computer analysis of spectral data, volume 1 /U/ Final report, Apr. 1968 - Aug. 1969	1969
19700082017	Preproduction tests of multipurpose recorder RO-358/AQS-13A /U/ Final report, Jan. - Aug. 1969	1969
19700082018	Thermal stability of crosslinked- nitrocellulose propellants /U/	1969
19700082020	Advances in propellants based on Sinclair's poly B-D prepolymer /U/	1969
19700082023	Design of the NAVAIRDEVCON radar automatic detector /U/ Final report	1969
19700082024	Standard missile type 1, medium range - YRIM 66 B /Mk 56 Mod 0/, 90-inch rocket motor /U/	1969
19700082027	Evolution of in-tube-burning rockets for advanced LAW /U/	1969
19700082030	Pave way unstabilized airborne laser designator /U/ Final report, Oct. 1967 - Mar. 1968	1969
19700082032	Performance of an edge-oriented pyrolytic graphite washer nozzle insert fired with a fluorinated propellant /U/ Test report, Jun. - Aug. 1968	1969
19700082033	Test and evaluation of a passively cooled thrust chamber for fluorinated propellants /U/ Final report, 26 Dec. 1967 - 1 Sep. 1969	1969
19700082034	Scavenger systems /U/ Interim technical summary report number 1, 16 Dec. 1968 - 30 Oct. 1969	1969
19700082035	An internally cooled fluoric temperature- sensing probe for high-speed gas flows /U/	1969
19700082037	Evaluation of a refurbishable ablative nozzle concept /U/ Technical report, Jan. - Jun. 1969	1969
19700082038	Airborne MTI radar studies /U/ Quarterly progress report, 1 May - 31 Jul. 1969	1969
19700082039	Development and demonstration of a N2O4/N2H4 injector /U/ Final report, 1 Apr. 1968 - 15 Aug. 1969	1969
19700082040	At-sea alignment of an aircraft inertial navigator /U/	1969
19700082042	Performance of a PG reinforced graphite felt nozzle insert with a fluorinated propellant /U/ Test report, Jul. - Aug. 1968	1969
19700082044	Demonstration of supersonic combustion of hydrazine in a short length combustor /U/ Final report	1969
19700082045	Aircraft structural fatigue life program /U/ Quarterly report, period ending 31 Aug. 1969	1969
19700082046	Evaluation and improvements of coatings for columbian alloy gas turbine engine components, part 3 /U/ Summary technical report, 1 Jan. - 31 Dec. 1968	1969
19700082048	Advanced storable /CLF5/MMH/ ACS propulsion /U/ Technical report, Jul. 1967 - Mar. 1969	1969
19700082050	Antennas in plasma 2 Final report, 10 Oct. 1968 - 9 Oct. 1969	1969
19700082052	Solid rocket motor inner bore treatment, part 1 Final technical report, Apr. 1962 - Mar. 1968	1969
19700082053	Mathematical calibration of the ring test for friction studies in flat forging operations. Part 2 - Computer solutions Technical report, Aug. - Oct. 1968	1969
19700082066	Fire extinguishers, volume 2 Report bibliography, Feb. 1953 - Mar. 1969	1969
19700082067	Fire protection for bulk fuel systems Interim report	1969
19700082068	Problem of the thematic completeness of national and regional complex atlases	1969
19700082072	Gravimetric study of the Bemanevika chromite deposit	1969
19700082073	Weather satellites, volume 2 Report bibliography, Jan. 1956 - Nov. 1968	1969
19700082074	Megawatt solar array study Final report, 28 May 1968 - 27 Jun. 1969	1969
19700082077	Anticorrosion water additives for closed circulation cooling in internal combustion marine engines	1969
19700082078	EMG 830-10 modular system computer	1969
19700082079	Fracture mechanics assessment of Apollo launch vehicle and spacecraft pressure vessels, volume 1	1969
19700082080	Quadrupole Mass Filter Design and Construction for Plasma Ion Analysis	1969
19700082081	Heat pipe technology for advanced rocket thrust chambers Quarterly status report, 1 Jul. - 30 Sep. 1969	1969
19700082082	Heat pipe technology for advanced rocket thrust chambers Quarterly status report, 1 Apr. - 30 Jun. 1969	1969
19700082085	Space programs Quarterly report, Oct. - Dec. 1969	1969
19700082086	Two-axis fluidic rate gyro and single-axis fluidic accelerometer Final report	1969
19700082087	Evaluation of astronics systems requirements for OSSA launch vehicles Final technical report	1969
19700082093	A study of phycophysiology in controlled environments. Supplemental task 1 - The Yeast satellite experiment Semiannual status report, 1 Apr. - 30 Sep. 1969	1969
19700082097	Conference on the Physics and Application of Lithium Diffused Silicon	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082099	Study of additive effects on hydrazine combustion and combustion stability at high pressure Final report, 2 Jan. - 31 Dec. 1968	1969
19700082100	ELAD program manual. A computer program for the elastic analysis of dome structures and axisymmetric solids of revolution subjected to unsymmetrical loadings Technical report, Jan. - Jun. 1969	1969
19700082101	Analytical study of helicopter gust response at high forward speeds Final report	1969
19700082102	Efficient allocation of resources in centralized computer-communication network design	1969
19700082103	Generalized random reentry hazard equations	1969
19700082104	Improved sonobuoy compass Final report	1969
19700082105	Six hundred-gpm optimum lightweight filter-separator Final report, May 1966 - Feb. 1969	1969
19700082106	Ultra-reliable VHF-FM receiver-transmitter Quarterly report, 10 Mar. - 10 Jun. 1969	1969
19700082107	Development of whisker-reinforced light alloys Quarterly technical report, Jun. - Sep. 1969	1969
19700082108	A stellar X-ray astronomy summary and bibliography	1969
19700082109	Aerodynamics of the speed control of low speed wind tunnels	1969
19700082110	Development of an HY-150 weld metal Final report, 1 Feb. 1967 - 30 Jun. 1969	1969
19700082111	A wet and dry deep submergence electrical power transmission system, phase 1 Interim report, 10 Dec. 1968 - 25 Jul. 1969	1969
19700082112	Development of a heat treatable HY-130 weld metal Final report, 1 Feb. 1967 - 30 Jun. 1969	1969
19700082113	Development of a stress relievable HY-130 weldment Final report, 1 Feb. 1967 - 30 Jun. 1969	1969
19700082114	Aerobee NASA 4.278 UG /26 April 1969/ Meteorological data report	1969
19700082115	High resolution ion beam deposition of thin metal films Interim technical report	1969
19700082116	Production engineering measure polysulfone plastic film Quarterly report, 1 Jun. - 1 Sep. 1969	1969
19700082117	Seismic array processing techniques Quarterly report, 15 Jul. - 15 Nov. 1969	1969
19700082118	Textural signature study Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700082119	Production engineering measure for type CR-/XM-60//U crystal units Final report	1969
19700082120	Geomagnetic profiles, Gibraltar to New York, 1963 - 1964	1969
19700082121	Research on electrochemical energy conversion systems Interim technical report, Nov. 1968 - May 1969	1969
19700082122	Hydraulic circuit breaker for aircraft hydraulic systems Interim technical report, 25 Sep. - 25 Dec. 1969	1969
19700082123	Experimental investigation of the stresses developed in a solid fuel rocket motor when subjected to different loading conditions Final report	1969
19700082124	Phase-interference fading from multiple cochannel sources Final report, 1 Feb. - 30 Jun. 1969	1969
19700082125	Microwave solid-state device studies Quarterly progress report, 1 Jun. - 1 Sep. 1969	1969
19700082126	The 1.06 micron image converter Final technical report, 1 Mar. 1968 - 31 Aug. 1969	1969
19700082127	Checkout of turbine engine foreign object damage Final report, Dec. 1967 - Mar. 1969	1969
19700082128	Notes on an expansion formula from the theory of cylinder functions	1969
19700082129	Aerobee NASA 4.2333 GS /14 April 1969/ Meteorological data report	1969
19700082130	Dynamic stability characteristics of 3 and 5 cal secant-ogive cylinder models at Mach numbers 1.5 through 5 Final report, 6 May - 10 Jun. 1969	1969
19700082132	Silicon vidicon intensifier /U/ Quarterly report, 5 Sep. - 4 Dec. 1968	1969
19700082133	Silicon vidicon intensifier /U/ Quarterly report, 5 Dec. 1968 - 15 Mar. 1969	1969
19700082135	Measured pressure distributions on an 80-deg swept tetrahedron body at Mach 5 and angles of attack to 10 deg /U/ Final report	1969
19700082136	IRIA annotated bibliography of infrared literature, volume 13, number 3 /U/	1969
19700082138	Study of the long range position determination system /U/ Interim technical report, 29 Apr. - 29 Sep. 1969	1969
19700082139	Aging and surveillance testing of a Minuteman wing 6 stage 2 solid propellant rocket motor at simulated pressure altitude /motor S/N AA20019, designation OP-4/ /U/ Final report	1969
19700082142	Investigation of non-tubular wall regeneratively cooled thrust chamber concepts /U/ Final report, 1 Apr. 1968 - 2 Jul. 1969	1969
19700082145	Fuel cooled hypersonic ramjet combustor design and test /U/ Technical documentary report, Feb. - Oct. 1969	1969
19700082146	ANCOVS /Active Night Covert Viewing System/ /U/ Interim technical research and development report, 1 Nov. 1968 - 30 Apr. 1969	1969
19700082148	A-37A category 2 stability and control tests, supplement /U/	1969
19700082149	Hydrazine nitrate catalyst development /U/ Final report, 1 Nov. 1966 - 30 May 1969	1969
19700082152	Shillelagh radiation attenuation tests /U/ Test evaluation report, 2 Apr. - 12 Jun. 1969	1969
19700082154	Isotec/Transit thermoelectric generator design summary /U/	1969
19700082155	Operational changes of the Isotec generator performance with time /U/	1969
19700082156	Thermal performance of the Transit/Isotec thermoelectric generator in the orbital space environment /U/	1969
19700082158	Preliminary analysis and experimental investigations of the Transit/Isotec thermoelectric generator /U/	1969
19700082159	Infrared recovery of space nuclear systems /U/	1969
19700082168	Apollo/Saturn 5 LC-39 launch operations instructions /Apollo 12 and subsequent missions/	1969
19700082169	Planar-RTG Component Feasibility Study	1969
19700082171	Peak-reading pressure gage	1969
19700082172	Computer synthesis of simulcast broadcasting Final report, 1 Feb. - 30 Jun. 1969	1969
19700082173	Soft in-plane matched-stiffness/flexure-root- blade rotor system summary report Final report	1969
19700082174	Advanced electron optics Final annual technical report, 1 Jul. 1968 - 30 Jun. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082175	Molecular engineering of Pt-based electrocatalysts for hydrocarbon fuel cell electrodes Semiannual interim report, 1 Nov. 1968 - 30 Apr. 1969	1969
19700082176	A study of supersonic pneumatic amplifiers Final report	1969
19700082177	Observations of the effects of solar X-ray radiation on HF ionospheric propagation Interim report, Oct. 1968 - Jul. 1969	1969
19700082178	Xenon, volume 2 Bibliography report, May 1954 - Dec. 1968	1969
19700082179	Performance of a multiple transmitter system in Gaussian noise Final report, 20 Jan. - 30 Jun. 1969	1969
19700082180	Effect of constant fix measurement errors on ship positions	1969
19700082181	Design and initial calibration of the AEDC-VKF tunnel F with an enlarged arc chamber Final report, 3 Sep. - 5 Dec. 1968	1969
19700082182	Study of efficiency improvement of optically pumped Ca5/PO4/3F - Nd and Ca5/PO4/3F - Ho,Cr Final technical report, 10 Dec. 1967 - 30 Dec. 1968	1969
19700082183	Applied optics research Annual report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700082184	Feasibility study of return to original-state principle Final technical report, 5 May 1967 - 31 Dec. 1968	1969
19700082185	Dragon acceleration switch qualification reliability program	1969
19700082186	LSI correlator Quarterly report, 1 Sep. - 30 Nov. 1969	1969
19700082187	Poseidon semiconductor captive line process development Progress report, 16 Mar. - 15 Nov. 1969	1969
19700082188	Color photography by black-and-white film Final technical report, 25 Sep. 1968 - 25 Jul. 1969	1969
19700082189	A simple crack extension criterion for time dependent spallation Technical report, Jan. - Jul. 1969	1969
19700082190	Precision quartz crystals Semiannual report, 15 Dec. 1968 - 15 Jun. 1969	1969
19700082191	A 5-kilowatt, 1-kilovolt, laminated sonar transistor Interim engineering report, 1 Jul. - 30 Sep. 1969	1969
19700082192	Feasibility determination of proximity transducers using the Hall effect and varying inductance principles	1969
19700082193	High capacitance thin film structures Quarterly progress report, 5 Jun. - 4 Sep. 1969	1969
19700082194	Study of surface properties of atomically- clean metals and semiconductors Final report, 1 Mar. - 31 Aug. 1969	1969
19700082195	Studies on the ballistic impact of composite materials Final report, 17 Jun. 1968 - 16 Jun. 1969	1969
19700082197	A study and program definition for development and fabrication of a super power solid-state X-band source Interim development report, 11 Aug. - 11 Nov. 1969	1969
19700082198	Short-pulsed radiation effects on dynamic electronic components Final report, 10 Apr. 1968 - 10 Jun. 1969	1969
19700082199	An investigation of rocket plume impingement effects on the manned orbital workshop	1969
19700082200	Surveillance evaluation of Air Force-held under seat rocket motor PN MBEU 1850 RU /MK 51 Mod O/	1969
19700082201	Research and exploratory development Quarterly report	1969
19700082202	The formation and characteristics of a broad-area semiconductor field emission cathode Final report	1969
19700082203	Application of composite materials to an aircraft wing section Final technical report	1969
19700082205	Report, Apollo spacecraft sneak circuit analysis CSM-106	1969
19700082206	Mode 1 certification of the-All Weather Carrier Landing System AN/SPN-42T1 at NAS Oceana Final report	1969
19700082207	F-14 aircraft, automated aircrew escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring of /GRU-7 ejection seat/ Interim report, 12 Sep. - 12 Oct. 1969	1969
19700082208	Sampling tests of one, type MS18045-44, nickel-cadmium, aircraft batteries manufactured by Gulton Industries, Incorporated	1969
19700082209	Preproduction tests of two, type MS90365-2, nickel-cadmium aircraft batteries manufactured by Sonotone Corporation	1969
19700082210	Ablative materials for low cost booster thrust chambers. An annotated bibliography, part 1	1969
19700082211	Solid fuel burning rate measurement techniques. An annotated bibliography, part 1	1969
19700082212	Design and initial operation of a large low-cost solar simulator using tungsten lamps with collimating tubes Final report, 25 Nov. 1968 - 21 Mar. 1969	1969
19700082213	Study and evaluation of directed glass fiber reinforced plastic helicopter tail rotor assembly Final report	1969
19700082214	Aerodynamic characteristics of various folding-fin missile configurations at transonic Mach numbers Final report	1969
19700082215	Compressed gas light source laboratory evaluation Technical report, 1 Aug. 1968 - Jun. 1969	1969
19700082216	Electrical characteristics of electrodes in bounded media Research and development report	1969
19700082217	Modification and refurbishment of the model X-120B reconnaissance subsystem Final technical report, Jul. 1967 - Aug. 1968	1969
19700082218	Electron beam analysis techniques Final technical report, 15 Oct. 1967 - 1 Aug. 1969	1969
19700082219	Development of an improved multichannel sonar display Research and development report	1969
19700082220	Investigation of rotary actuation technique Quarterly technical report, 3 Jul. - 3 Oct. 1969	1969
19700082221	Microwave acoustic and bulk device technique studies Interim technical report, 1 May - 31 Jul. 1969	1969
19700082222	Evaluation of the accuracy of data obtained from fixed cameras	1969
19700082223	Qualification testing of aircraft external power cables, type MS25486 and MS25488, manufactured by Piedmont Aerospace Products Corporation Final report, 28 Aug. - 4 Nov. 1969	1969
19700082224	Drag and performance characteristics of several flexible aerodynamic decelerators at Mach numbers from 1.5 to 6.0 Final report	1969
19700082226	Use of acoustic emission in non-destructive testing Semiannual report, 1 Mar. - 31 Aug. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082227	Experimental heat chamber for sterilization of large interplanetary structures Final report, Oct. 1968 - May 1969	1969
19700082229	Antenna elements for shipboard high-frequency direction-finding system Research and development report, May - Jul. 1969	1969
19700082230	Man-machine systems for detection and perception of information Final report	1969
19700082231	A comparison of aerodynamically controlled air-to-ground missile configuration Technical report, 17 Feb. - 18 Aug. 1969	1969
19700082232	High altitude rocket exhaust infrared radiation. An annotated bibliography	1969
19700082233	Computer and information science research. 2 - Final contract report	1969
19700082234	Molecular basis for the mutagenic and lethal effects of ultraviolet irradiation Progress report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700082235	Establish manufacturing methods for closed die aluminum forgings with improved stress corrosion resistance Final report, 1 Oct. 1966 - 1 Sep. 1969	1969
19700082236	Electrochemical systems heat and mass transfer Final report, 6 Jun. 1967 - 5 Jun. 1969	1969
19700082237	Heat transfer in fuel cell and storage batteries, task 1	1969
19700082238	Simultaneous heat and mass transfer in free convection, task 2	1969
19700082239	Heat and mass transfer in immobilized- electrolyte cells systems, task 3	1969
19700082240	Analysis of transient pulse flow, task 4	1969
19700082241	Determination of rates of electrochemical reactions in a parallel-plate reactor, task 5	1969
19700082242	Studies of a method for predicting nonlinear aerodynamics of arbitrary bodies Final report, 2 Jan. 1968 - 15 Mar. 1969	1969
19700082243	Adhesive study - Case bonding solid propellants Final report, 30 Sep. 1966 - 31 Jan. 1968	1969
19700082244	Maximum thrust nozzles for rotational or nonequilibrium simple dissociating gas flows including boundary layer effects, volume 2 Technical report, 1 Sep. 1966 - 31 Aug. 1969	1969
19700082245	Development of a fast-response pressure transducer	1969
19700082257	AeroChem axisymmetric mixing with nonequilibrium chemistry computer program	1969
19700082258	Research and investigation of the visual and electro-optical security of ultra-violet spectrum Final report, Nov. 1968 - Nov. 1969	1969
19700082259	Research and development on a non-scanning microwave frequency identifier Quarterly report, 1 Aug. - 31 Oct. 1969	1969
19700082260	Aberrations of radio waves traversing the auroral ionosphere Final report	1969
19700082261	Emission Spectra and Temperature of Composite Propellant Flames during Depressurization	1969
19700082262	Theoretical investigation of stagnation point heat transfer in partially ionized air, part 6 Final report	1969
19700082263	An experimental investigation of intensity and velocity distributions of thermal-energy argon atoms scattered by a microcrystalline silver surface	1969
19700082264	Translocation of polonium oxide from soils to plants	1969
19700082265	Evaluation of the Maurer 317 16 mm motion picture camera Final report	1969
19700082271	Probability of acquisition report AN/FPS-85 extended range acquisition /U/	1969
19700082274	On the reduction of great distances measured electronically	1969
19700082275	Studies of nuclear fission, low-energy nuclear reactions, transuranic nuclei and geochemistry and cosmochemistry Progress report, 1 Jun. 1968 - 1 Jun. 1969	1969
19700082276	ICR quarterly report number 21	1969
19700082277	Fast reactor newsletter, August 1969	1969
19700082278	The Shock and Vibration Bulletin	1969
19700082279	Unclassified publications of Lincoln Laboratory, volume 2 Bibliography report, 15 Sep. 1966 - 15 Sep. 1969	1969
19700082280	Trends in piston ring design	1969
19700082281	Study of advanced nitroso polymers Final report, 29 Feb. 1968 - 28 Feb. 1969	1969
19700082282	Shock-tube study of the transient thermal behavior of gases at high-temperature	1969
19700082283	Dynamic Response of a Rectangular Plate Subjected to Lateral and Inplane Sonic Boom Disturbances	1969
19700082285	International information. The International Cartographic Association	1969
19700082286	On the effects of damping in the observations of gravity variations with the Askania gravimeter	1969
19700082288	Coulomb effects in high energy He-4-He-4 elastic scattering	1969
19700082289	Determination of the relative couplings /g sub eta NN/ squared/g sub pion NN/ squared	1969
19700082291	Finite pressure rise time Final report	1969
19700082292	Optimization of life support systems and their systems reliability Quarterly report, 1 Sep. - 30 Nov. 1969	1969
19700082293	The thermodynamic and transport properties of partially ionized air Final report	1969
19700082296	Effect of Hydrogen Environment on Inconel 718 and Ti-6Al-4v Under Simulated J-2 Engine Operating Conditions Final Report	1969
19700082297	Atom formation rates behind shock waves in oxygen Interim scientific report	1969
19700082299	Theoretical investigations of coated particle fuel performance by stress analysis	1969
19700082303	An investigation of the effects of acceleration on the burning rates of solid propellants	1969
19700082304	Combined conduction, convection and radiation effects in internal flows - Non-participating gases	1969
19700082305	A laser image intensifier	1969
19700082306	Graphite fiber oxidation Interim report, Jun. 1967 - Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082307	Program 624A /SLV-5/ Titan 3A and C Technical summary report	1969
19700082308	PCU-14/P personnel lowering device for OV-10 aircraft Final report	1969
19700082309	Liquid permeation through plastic films Final report, Sep. 1966 - Sep. 1968	1969
19700082310	Dragon reactor fuel handling equipment. Project Dragon	1969
19700082311	Results of the injection of impurities into the Dragon reactor primary coolant. Project Dragon	1969
19700082312	A versatile molecular beam apparatus utilizing electron bombardment detection - Observation of the rainbow effect for argon-nitrogen	1969
19700082313	Category 1 fuel system test report, Hunter/ Bias aircraft number 1	1969
19700082314	A radiation facility in the energy range 250 to 650 keV using the Compton scattering effect	1969
19700082315	Fuels and materials division Progress report, 1 Apr. - 30 Jun. 1969	1969
19700082317	Molecular collisions, 11	1969
19700082319	Study for the optimization of continuous whiskerizing Final technical report, 8 Jan. - 7 Oct. 1969	1969
19700082320	Corrosion studies of a rust-inhibited, silicone-base hydraulic fluid	1969
19700082321	Interface Faraday effect between vacuum and semi-infinite medium	1969
19700082322	Transducer for a high resolution ultrasonic scanning system Final technical report, 15 Jan. - 7 Oct. 1969	1969
19700082323	Transducer for a high resolution ultrasonic scanning system Semiannual technical report, 15 Jan. - 9 Jul. 1969	1969
19700082324	Papers presented at the Libby/Cockcroft exchange meeting on fuel swelling	1969
19700082325	Fission products in the Dragon directly cooled element number 710. Dragon project	1969
19700082329	New methods for the investigation of radioisotope transport in a gas cooled reactor. Project Dragon	1969
19700082330	Plant design division Progress report, 1 Apr. - 30 Jun. 1969	1969
19700082331	Active element thin-film devices Final report, 1 Nov. 1968 - 30 Nov. 1969	1969
19700082332	Development of a thermal nondestructive inspection system to detect corrosion in aircraft structures Final report	1969
19700082333	Effects of lubricants on helicopter spur gear fatigue Quarterly progress report	1969
19700082334	An efficient representation of template- classes	1969
19700082335	Time domain design of recursive digital filters	1969
19700082336	Abbreviated carrier suitability tests of prototype life raft and weather radar installation in C-2A aircraft Final report	1969
19700082337	Test and evaluation of the Log-Etronic Mark 3 color contact printer Final technical report	1969
19700082338	Design, manufacture, and delivery of small- diameter rocket motor cases Final report, 29 Jan. - 25 Dec. 1969	1969
19700082339	Daphne feasibility test Final report	1969
19700082340	General graphic data display program Technical report, May 1967 - Nov. 1968	1969
19700082341	Numerical techniques for the determination of characteristic modes and their application to chaff elements	1969
19700082342	Thermal relaxation of an air-type and helium mixture	1969
19700082343	Plasma identification using the reflection coefficient of planar antennas	1969
19700082344	The deposition and structure of pyrolytic silicon carbide. Project Dragon	1969
19700082345	Effectiveness of the SY-116 photochromatic flashblindness protection system	1969
19700082346	Beam-bombarded diodes	1969
19700082347	Aerodynamic characteristics of wing-mounted devices for producing roll control with high lift at transonic speeds Final report, 21 Jul. - 1 Aug. 1969	1969
19700082348	A Monte Carlo code to simulate photon energy deposition and transport in multiple slab absorbers - MOPET	1969
19700082349	Study of rectangular-guide-like structures for millimeter wave transmission Progress report, 1 Feb. - 31 May 1969	1969
19700082350	Study of the reflection and transmission properties of infinite thick-strip wire grids for normally incident waves	1969
19700082351	Frequency measurement setup for millimeter waves	1969
19700082352	Field decrease in H-guides versus dielectric- slab parameters	1969
19700082353	H-guide with laminated dielectric	1969
19700082354	Confocal reflector guide for millimeter waves	1969
19700082355	Algebra of a commutative bicomplex number system	1969
19700082356	Advanced interconnection and packaging techniques for integrated circuits Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700082358	Weight-reduction study and structural analysis of the ST-124-M stabilized platform gimbal system Summary report	1969
19700082359	Isotopic CO2 laser study Quarterly progress report, Apr. - Sep. 1969	1969
19700082360	Mark 3 plasma neutron source - Construction, operation, and early measurements Research report, Mar. 1968 - Mar. 1969	1969
19700082361	Airfield pavement evaluation, USNAS Olathe, Kansas Technical note, 1 May - 1 Jun. 1968	1969
19700082362	Analysis of inviscid flow field in shock layer, separated flow in leeward side and three-dimensional attached flow Technical report, 1 Sep. 1968 - 15 Nov. 1969	1969
19700082363	Meteorological support to US Army RDT and E activities Annual report	1969
19700082364	A 300 MHZ array using physically small slot antenna elements Interim report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082368	Lunar surface erosion during Apollo 11 landing	1969
19700082372	Maintenance and construction division Progress report, 1 Apr. - 30 Jun. 1969	1969
19700082373	Advanced projects and reactor physics division Progress report, 1 Jan. - 31 Mar. 1969	1969
19700082374	Experiments with C type Avica seals. Project Dragon	1969
19700082375	Analytical sources division Progress report, 1 Nov. 1968 - 30 Apr. 1969	1969
19700082376	Operations division Progress report, 1 Apr. - 30 Jun. 1969	1969
19700082377	Chemistry and materials science division, Whiteshell Nuclear Establishment Progress report, 1 Jul. - 30 Sep. 1969	1969
19700082378	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 9 Jul. - 8 Oct. 1969	1969
19700082379	Design of numerically controlled dome forming machine Final report, 1 Oct. 1968 - Sep. 1969	1969
19700082380	Official high and low temperature qualification test of a Pratt and Whitney Aircraft TF30-P-12 turbofan engine at sea level static conditions Final report	1969
19700082381	Delta-modulation and PCM high speed reconnaissance data transmission and comparison Final report, 15 Mar. 1968 - 1 Jul. 1969	1969
19700082382	Technical report /task 02 of EDS and R project/	1969
19700082383	Aerodynamics of autorotating bodies Final report, Jul. 1968 - Jul. 1969	1969
19700082384	Reactor materials development Quarterly report, Apr. - Jun. 1969	1969
19700082385	Operations division Progress report, 1 Jan. - 31 Mar. 1969	1969
19700082387	Information extraction and trajectory estimation Final technical report, Mar. 1968 - Jul. 1969	1969
19700082388	Shock tube studies of the sulfur hexafluoride- hydrogen reaction	1969
19700082389	Epitaxial growth of ferrimagnetic garnets Quarterly technical report, 15 Sep. - 15 Dec. 1969	1969
19700082390	Continental model 356-28A, J100-CA-100 turbojet engine - Official 108-hour extended endurance test	1969
19700082391	Corrosion behaviour of neutron shield rod materials during construction and hydraulic testing of the prototype fast reactor	1969
19700082392	Calculation of the impulse response in a transmission which is terminated by its characteristic impedance	1969
19700082393	Heat elimination in airplane wheel brakes with heavy thermal loads	1969
19700082394	A model study of changes in wind with altitude in a planetary boundary layer	1969
19700082395	The composition of combustion gases of polyurethane foams and polycarbonate	1969
19700082396	Physical and operational characteristics of the continuous-channel electron multiplier Research report, Nov. 1967 - Feb. 1968	1969
19700082398	Supersonic plane streams separated by a jet flap	1969
19700082399	Collisions of electrons and ions with hydrogen atoms Final report, 27 Jun. 1968 - 28 Jun. 1969	1969
19700082402	The effects of point defects and dislocations on the stress-corrosion susceptibility of aluminum alloys Final report	1969
19700082403	Multipath voice communications study report	1969
19700082406	The interaction of sodium and Rocksil insulation	1969
19700082407	Natural convection cooling of inclined plate in liquid sodium	1969
19700082408	A study of swirling air flow in a four-cycle engine Interim report	1969
19700082409	Speedrop program, phase 1, volume 1 Final report	1969
19700082410	Speedrop program, phase 1, volume 2 Final report	1969
19700082411	Experimental measurements in the near wake of the Apollo command module and a flat circular disc	1969
19700082415	Measurement of the physical and mechanical properties of pressed gilsocarbon graphite. Project Dragon Final report	1969
19700082416	Irradiation data on Gilsocarbon graphites for high temperature nuclear reactors. Project Dragon	1969
19700082418	Chemistry and materials division Progress report, 1 Jan. - 31 Mar. 1969	1969
19700082419	Chemistry and materials division Progress report, 1 Apr. - 30 Jun. 1969	1969
19700082423	X-rays absorption corrections for Bacon anisotropy factor measurements on PyC. Project Dragon	1969
19700082424	A method for studying diffusion in a theta pinch	1969
19700082425	The influence of a viscous damper on the dynamic behaviour of a rotating shaft	1969
19700082426	Fast neutron spectroscopy using the proton recoil method	1969
19700082427	A theoretical analysis of flow instabilities in the Dragon primary heat exchangers. Project Dragon	1969
19700082429	Dragon operations group. Project Dragon Quarterly progress report, Dec. 1967 - Feb. 1968	1969
19700082431	On the design and ethics on international planning	1969
19700082432	Experiment and operations scheduling procedures program - Programmers manual	1969
19700082435	The NEW MOONS program - NASA Evaluation With Models Of Optimized Nuclear Spacecraft /NEW MOONS/ Summary report	1969
19700082436	Chemistry and Materials Science Division progress report, 1 April to 30 June 1969	1969
19700082438	Interpretation calculations of the EURECA-SUAK experiments	1969
19700082439	Cobalt 60 gamma oxidation of aerated aqueous ammonium solutions	1969
19700082440	Axial distribution of bulk temperature and void fraction in a heated channel with inlet subcooling	1969
19700082443	An analogue study of the PFR primary circuit	1969
19700082447	Parameter representation of dynamic equilibrium in creep and fatigue	1969
19700082448	Report on fast reactor activities of Federal Republic of Germany, France, and the United Kingdom	1969
19700082449	PFR - Secondary sodium spillage	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082452	Interdisciplinary research in the physical, biological, engineering, and social sciences Annual report, 1 Oct. 1968 - 30 Sep. 1969	1969
19700082453	The application of VLB interferometry to earth measurements, phase 3 Final report, 16 Mar. - 30 Oct. 1969	1969
19700082455	Experimental and Analytical Studies of Reflecting Shock Waves in a Real Gas Semiannual Progress Report, 31 Jul. 1968 - 31 Jan. 1969	1969
19700082456	Alloy strengthening due to atomic order	1969
19700082457	The experimental study of the structure of nuclei and the interactions of intermediate energy particles Progress report	1969
19700082458	Temperature Pressure Test Chamber /TPTC/. Overall conceptual system design description	1969
19700082459	Dragon project - Stress analysis in coated fuel particles. Part 2 - Computer programme stress 1	1969
19700082460	Dragon papers presented at the International Atomic Energy Agency Symposium on Advanced and High Temperature Gas-cooled Reactors, Juelich, 21-25 October 1968	1969
19700082461	Chemistry Division and Applied Chemistry Division Progress report, 1 Nov. 1968 - 30 Apr. 1969	1969
19700082462	Characterization of AISI 316 stainless steel for the LMFBR program, task 10	1969
19700082463	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Jun. - 20 Sep. 1969	1969
19700082464	The deterioration of stainless steel regeneratively cooled thrust chambers Technical report, Jul. 1968 - Jul. 1969	1969
19700082466	Dragon project - A gain stabilised semi-conductor Compton spectrometer	1969
19700082467	Complex ion chemistry Progress report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700082468	A fast-recovery, strain-measuring system	1969
19700082469	MASTER CONTROL - A unifying free-form data storage and data retrieval system for dissimilar data bases	1969
19700082470	High energy physics studies. Experimental and theoretical programs Progress report, part 1	1969
19700082475	Vibration and dynamic separation of stage 3/4 Final test report	1969
19700082477	Film characteristic curves /plotted against absolute energy at wavelengths 4280A, 5250A, 5780A, 6115A/	1969
19700082478	Bibliography of reports on space isotope power and aerospace nuclear safety Technical report, 1962 - 1968	1969
19700082479	An X-ray diffraction study of chromium-gold thin films Final report	1969
19700082480	Evaluation of relay, APN 11151238-2 Test evaluation report, 9 May 1968 - 14 Jan. 1969	1969
19700082481	Marotta Valve Corporation pressure regulator NASA part number 75M08829, NCN 3165-4	1969
19700082482	A Co-2 laser bibliography, 1964 - 1968	1969
19700082484	Pulsed fast research reactor project Progress report, 1 Nov. 1968 - 30 Apr. 1969	1969
19700082486	Apollo 12 mission - 5 day report	1969
19700082487	Transverse loading of unidirectional fiber composites Final report, 26 Dec. 1967 - 26 Dec. 1968	1969
19700082488	On the limiting magnitude for a ground-based telescope Technical report, Mar. 1968 - Jul. 1969	1969
19700082489	Arc stud welding of 1/4 inch diameter alloy titanium studs to TI-621/0.8 Mo alloy titanium plate - Project Titanes	1969
19700082491	Integrated graphic illustrations, operation and maintenance records - Titan 3 remote multiplexed instrumentation system, revision a	1969
19700082492	New location for the low level RF radial control electrodes in the Brookhaven AGS	1969
19700082493	Advanced methods for nuclear reactor gas laser coupling Technical progress report, 1 Jan. - 31 Dec. 1969	1969
19700082496	The Eleventh Liquid Propulsion Meeting, volume 1 /U/	1969
19700082506	The MTR-Phoenix fuel experiment - MTR startup and operation	1969
19700082508	Review, analysis, organization and dissemination of advanced composites development technology Technical report, 27 Nov. 1967 - 30 Jun. 1969	1969
19700082509	High temperature resins for structural laminates and adhesives	1969
19700082511	Influence of variability of apical clearance of vanes of an axial aviation compressor upon its gas dynamic parameters	1969
19700082513	Static stability and axial force coefficients for the 0.125 scale model Mark 82 low drag bomb with closed Snakeye 1 fins at subsonic and transonic speeds	1969
19700082515	Foam optimization for raft development Final report	1969
19700082517	A study to optimize the aeroballistic design of naval projectiles	1969
19700082518	Development of thin-film active devices on an improved insulating substrate Interim engineering report, 15 Aug. - 14 Nov. 1969	1969
19700082519	The synthesis of ferrocene monomers and polymers Technical report, Mar. 1965 - Jul. 1968	1969
19700082520	Additional corrosion experience with salts in inlet air and fuel on engine 441-011 following completion of FQT corrosion test	1969
19700082534	Storage temperature of explosive hazard magazines. Part 6 - Continental United States	1969
19700082535	Splash-zone, underwater-curing, epoxy coatings	1969
19700082536	Improved timing point recognition during daylight airdrops Final report	1969
19700082537	The compatibilities of boron and germanium Technical report, Aug. 1968 - May 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082538	The influence of the collimating orifice on Knudsen triple-cell effusion Technical report, Jul. 1968 - May 1969	1969
19700082539	Study of the basic kinetics of decomposition of MMH and MHF and the effects of impurities on their stability Quarterly report, 16 Sep. - 15 Dec. 1969	1969
19700082541	Outline and applications of the Newtonian treatment of the method of orbital parameters variation	1969
19700082542	Research program in neutrino physics, cosmic rays and elementary particles Technical report, 1 Oct. 1968 - 30 Sep. 1969	1969
19700082543	Photoproduction of eta mesons between 950 MeV and 2.2 GeV	1969
19700082544	Applying the C-5A MADAR system to extending TF39 engine life	1969
19700082547	A bubble chamber study of cosmic muons at sea level in the energy range 10-100 BeV	1969
19700082548	Suppression of strangeness changing weak currents and the Bootstrap equation	1969
19700082549	Electronics and Applied Physics Division Progress report, 1 Jul. - 31 Dec. 1968	1969
19700082550	Failure analysis of a SCTI sodium freeze trap	1969
19700082551	Solid State Division Progress report, 1 Nov. 1968 - 30 Apr. 1969	1969
19700082552	Irradiation effects on reactor structural materials Quarterly progress report, Feb. - Apr. 1969	1969
19700082553	Fundamental studies in fallout formation processes	1969
19700082554	Vapor phase impregnation of active carbons Quarterly progress report, Jul. - Sep. 1969	1969
19700082556	Development of prototype magnetic field instrumentation Technical report, May 1967 - Nov. 1968	1969
19700082557	Vacuum shaving and massaging device for manned space flight Technical report, Aug. 1967 - Oct. 1968	1969
19700082558	Langmuir probe experiment for integrated payloads Final report	1969
19700082559	Atomic oscillator device for navigation- guidance Final technical report	1969
19700082560	Investigation of radiation effects in semiconductors	1969
19700082561	Measurements of blast-induced transient pressures at the base of a cone in supersonic flow	1969
19700082562	A powered flight six-degree-of-freedom trajectory program for vehicles with freely spinning tail stabilizers	1969
19700082563	Oxidation of silicon and silicon carbide in gaseous atmospheres at 1000-1300 deg C	1969
19700082564	Investigation of beryllium with added dispersoids Final report, Apr. 1967 - Aug. 1969	1969
19700082565	The Mountain Iron diffusion program - Phase 2. South Vandenberg, volume 3	1969
19700082566	Measurements of gamma rays produced by interaction of various energy neutrons in a number of elements Annual progress report	1969
19700082567	Irradiation effects on reactor structural materials Quarterly progress report, May - Jul. 1969	1969
19700082568	Work sponsored by the Fuels and Materials Branch Quarterly progress report, 1 Apr. - 30 Jun. 1968	1969
19700082569	Relation between positive ion sputtering and low-energy electron diffraction surface measurements Final report, 1 Sep. 1967 - 31 Aug. 1969	1969
19700082570	NET-2 network analysis program Interim report	1969
19700082571	Magnetic and electric field instrumentation calibration facilities Technical report, Oct. 1965 - May 1968	1969
19700082572	A further wind tunnel investigation of underwing jet interference	1969
19700082573	Photoproduction of eta mesons below 2.0 GeV in the generalised interference model	1969
19700082576	LM-5 landing radar Final report	1969
19700082578	Effects of high-energy protons on photographic film	1969
19700082579	Spin decay of IMP-I due to solar radiation	1969
19700082580	Error analysis of the rendezvous radar range, range rate, shaft and trunnion functions Final report	1969
19700082583	Delta-64 Orbiting Solar Observatory-F /OSO-F/ Final field report	1969
19700082584	A digital block loading system for the IBM OS 360 digital computers	1969
19700082586	Theoretical and experimental study of use of FET digital integrated circuits in radiation environments	1969
19700082587	Performance evaluation of heavy duty 28 foot D sub o ring slot extraction parachutes	1969
19700082588	A Digital Filter Utilizing Correlation Techniques	1969
19700082589	Review of recent developments. Metalworking	1969
19700082590	Review of recent developments. Corrosion and compatibility	1969
19700082591	An experiment to measure trans-atmospheric wideband radio propagation parameters Final report	1969
19700082592	Experimental Magnus characteristics of basic and boattail configurations of 3-cal and 5-cal Army-Navy Spinner Projectiles at supersonic Mach numbers Final report	1969
19700082593	Review of recent developments. Metals joining	1969
19700082594	Separation characteristics of the CBU-33/A store from the F-4C aircraft at Mach numbers from 0.54 to 0.86 Final report	1969
19700082595	Summary of five years of altitude testing of the Apollo service module engine in altitude test cell /J-3/ Final report, May 1963 - Aug. 1968	1969
19700082596	Delta-74 Skynet-A flash flight report	1969
19700082598	Apollo Block 2 SPS engine /AJ10-137/ Mod I-D and Mod I-E bipropellant valves qualification tests, part 3, phase 6	1969
19700082599	A theoretical and experimental investigation of the feasibility of constructing high power two-millimeter backward-wave oscillators using ladder and vane-type slow-wave structures Final report, 1 Mar. 1966 - 28 Feb. 1969	1969
19700082600	Development of ductile oxidation resistant columbium alloy Final report, 1 Jun. 1967 - 31 Jan. 1969	1969
19700082601	Thermo-mechanical processing and fatigue of aluminum alloys Summary report, Feb. - Jun. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082602	Development of carbide-strengthened niobium alloys. Part 1 - Molybdenum in niobium-carbon alloys Summary report, Oct. - Dec. 1968	1969
19700082603	Development of high strength tungsten-thoria alloy sheet Final report, 1 Apr. 1967 - 30 Jun. 1968	1969
19700082604	T58-GE-16 official salt water corrosion susceptibility test, engine serial number 297002-8C	1969
19700082605	Gravimetric deflections of the vertical at the stations Sindlingen, Mainflingen, and Homberg	1969
19700082606	Epoxy resin potting compounds for ordnance Final report	1969
19700082607	Qualification test report for crystal filters, General Dynamics/BuWep drawing number 1821050	1969
19700082609	Analysis and comparison of aerodynamic data obtained in a large wind tunnel and a moving-model/track facility for a general research tilt-wing/propeller VTOL configuration Final report	1969
19700082611	Qualification report for filter, General Dynamics drawing number 423-800260	1969
19700082612	Qualification report for coil, radio frequency per BuWeps drawing number 2577047	1969
19700082613	Qualification report for connector, electrical per BuWeps drawing number 2577017	1969
19700082614	Materials for aerial recovery parachute systems Technical report, Jan. 1968 - Mar. 1969	1969
19700082615	A high temperature alloy die casting process Final report, 1 Dec. 1967 - 31 Mar. 1969	1969
19700082616	Aircraft landing gear-soils interaction and flotation criteria, phase 2 Final report, 15 May 1968 - 15 Jun. 1969	1969
19700082617	Improved fabrication methods of jet engine rotors Interim engineering report, 1 Apr. - 31 Dec. 1969	1969
19700082620	Long life compressor housing and rear bearing oil seal housing with a sump for the J69-T-25 engine	1969
19700082621	Gallium arsenide injection laser diode quick kill weapon fire simulator Technical progress report, 1 Dec. 1968 - 30 Sep. 1969	1969
19700082622	Investigations of advanced target signal acquisition techniques for the universal portable mine detector Final technical report	1969
19700082623	ATS-E spacecraft magnetic test	1969
19700082624	Optical telemetry system for single-transient pulse diagnostics	1969
19700082625	Estimating the masses, CM locations, and the inertia matrix elements of longitudinal sections of bodies of revolution	1969
19700082626	VTOL handling qualities criteria study through moving-base simulation Final technical report, Feb. 1968 - Apr. 1969	1969
19700082627	Program for electro-optical aerospace surveillance supported by work at Cloudcroft Electro-Optical Experimental Station Final report	1969
19700082628	Radar reflectivity of turbulent rocket exhaust plumes - Derivation of equations, supplement	1969
19700082629	Investigation of the feasibility of a variable displacement engine Final engineering report, 8 Mar. 1967 - 15 Sep. 1969	1969
19700082630	On shock-wave velocity in droplet impact phenomena	1969
19700082631	The work sponsored by the coolant chemistry and the fuels and materials branches Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19700082637	An analysis of the effectiveness and utilization of incentive contracts with respect to their intended purpose	1969
19700082638	Standardization of combustion instability measurements in the T-burner, manual	1969
19700082639	Descriptive and subject cataloging of technical reports - A working manual	1969
19700082640	Investigations of transition metal-rare earth alloys, preparation, structures, magnetic and permanent magnet properties of rare earth- iron and cobalt intermetallic compounds Final report	1969
19700082641	Design and development of impact instrumentation package Final report, 16 Apr. 1968 - 30 Apr. 1969	1969
19700082642	Metering and pumping characteristics of an emulsified JP-4 fuel Final phase report, 9 May 1968 - 11 Jun. 1969	1969
19700082643	T-58-GE-16 official attitude test, engine serial number 297004-4, per military specification MIL-E-8595 and General Electric model specification E1105	1969
19700082644	Londonderry-Cheltenham Data Modem Trial of 1968 - Presentation of cumulative error-rate data	1969
19700082646	Evaluation of three materials as candidates for lift-pad studs in an ocean environment Interim report	1969
19700082647	T58-GE-16 official flow divider power control test part number 5013T96G02, per military specification MIL-E-8595 and General Electric model specification E1105	1969
19700082649	Experimental remotely synchronized infrared display systems incorporating a new 100 element glow modulator tube Final report, Jan. 1967 - Jun. 1969	1969
19700082650	Electromagnetic compatibility requirements for space systems	1969
19700082651	Vehicle-mounted image motion-compensated stabilized sight	1969
19700082652	Evaluation of the feasibility of incorporating automatic exposure control in station 1 of the RF-8G aircraft Final report	1969
19700082654	A mathematical model for determination of benefits derived from standardization of electronic parts and components	1969
19700082657	Development of measuring technique for the accurate determination of turbine inlet temperature, fluidic sensor Final report	1969
19700082658	On-line retrieval Interim technical report	1969
19700082659	A survey of instrument landing systems	1969
19700082660	A computer program to predict radar cross section of rocket exhaust plumes	1969
19700082661	Development of a general purpose aircraft coating Final report, 24 Oct. 1968 - 23 Oct. 1969	1969
19700082664	AFETR metric data accuracy for guidance evaluation Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082666	Optical science technology study - Exploratory development program for Science Optics Laboratory Final report Jul. 1968 - Sep. 1969	1969
19700082667	Minutes of the Eleventh Explosives Safety Seminar, volume 1	1969
19700082668	A systems approach to the development of selected portions of a graduate logistics research principles and techniques course in a media-assisted instructional mode	1969
19700082670	A comparative study of the ground proximity extraction system and the low altitude parachute extraction system as methods of tactical aerial delivery to combat forces	1969
19700082671	A study of optimum burst communications Final technical report, 9 Feb. 1968 - 9 Mar. 1969	1969
19700082672	The role of DOD in implementing PL 87-653 /the truth in negotiations act/ and its efforts to resolve conflicts resulting from the law	1969
19700082673	Government Microcircuit Applications Conference /1969/, digest of technical papers, volume 1	1969
19700082674	The effect of gage size and location on the response of S-N fatigue life gages	1969
19700082675	Development of a manufacturing process for contoured disks Interim engineering report, 1 Jul. - 30 Sep. 1969	1969
19700082681	Hydrocarbon-fueled scramjet. Volume 2 - Nozzle investigation /U/ Final report, 1 Jul. 1966 - 1 Jul. 1968	1969
19700082687	[No Title]	1969
19700082688	Problems in planning, programming and provisioning ground Communications- Electronics-Meteorological /CEM/ facilities	1969
19700082692	A statistical theory of design for plating thickness measurements by radiation backscatter methods	1969
19700082693	Free radical photography Final report, 1 Nov. 1968 - 31 Mar. 1969	1969
19700082694	QT-33A aircraft target - Operational evaluation of prototype demonstrating capability of replacing QF-9 target Final report	1969
19700082695	Study on efficiency improvements in O-type traveling-wave tubes Quarterly report, 1 May - 31 Aug. 1969	1969
19700082696	Multiple-channel same-frequency repeater study Final report, Mar. - Dec. 1969	1969
19700082697	Reliability of thin-film multilayer connections Final technical report, 15 Aug. 1968 - 13 Aug. 1969	1969
19700082698	Research in the optimization of separator sub-systems for GC/MS life detection instrumentation Annual report, 15 Nov. 1968 - 15 Dec. 1969	1969
19700082699	Evaluation of inductors, APN 11150484, 11152170-1, and 11151418-1	1969
19700082700	Conversion table - Film resolution/ground resolution	1969
19700082701	Radiation effects in dielectric materials Final report, 16 Oct. 1968 - 15 Oct. 1969	1969
19700082702	Scattering by thin wires Final report, 16 Mar. 1967 - 15 Nov. 1969	1969
19700082704	Proceedings of the Aerodynamic Deceleration Systems Conference, volume 1	1969
19700082705	Proceedings of the Aerodynamic Deceleration Systems Conference, volume 2	1969
19700082706	Fluidic missile control systems development Final report, Jun. 1968 - Aug. 1969	1969
19700082707	The study of hydrocarbon fuel vapor deposits Final report, 15 May 1966 - 15 May 1969	1969
19700082709	Simplified error probability curves for non-fading and Rayleigh-fading digital links, and their application to design margins	1969
19700082710	Study of aerodynamic rotors for air samples Quarterly progress report, 11 Jun. - 30 Sep. 1969	1969
19700082711	Review of recent developments - Refractory metals /CB, TA, MO, W/	1969
19700082712	Review of recent developments - Aluminum and magnesium	1969
19700082713	An analysis of the measurement criteria for cargo movement in the C-5 aircraft	1969
19700082714	Interleaving and synchronizing methods for certain 1/2 and 1/4 rate codes	1969
19700082715	Proceedings of the annual Department of Defense Cost Research Symposium /4th/	1969
19700082717	Aerodynamic properties of wings with leading- edge flaps /nose flaps/	1969
19700082718	Transactions of the Conference of Army Mathematicians /14th/	1969
19700082720	Study of rotor blade tip vortex geometry for noise and airfoil applications Final report, Jul. 1968 - May 1969	1969
19700082721	Static-stability and roll-damping coefficients for a slender blunted cone showing the effects of spin, angle of attack, and center of gravity offset at M equals 5 and 7.7	1969
19700082723	Spectral emission properties of selected igneous rocks in the 2.8 to 13.5 micron region	1969
19700082726	Production processes for rolling tapered titanium plate Interim engineering progress report, 16 Jul. 1968 - 16 Apr. 1969	1969
19700082727	Surface Effect Vehicle summer study, 21 July - 15 August 1969. Volume 2 - SEV technology appendices	1969
19700082728	Surface Effect Vehicle summer study, 21 July - 15 August 1969. Volume 2 - SEV technology	1969
19700082729	The AFIT library ten year development plan	1969
19700082730	Experimental evaluation of inlet drag characteristics in the transonic Mach number regime	1969
19700082731	Surface integrity of machined structural components Interim engineering progress report, 1 Jun. - 31 Aug. 1969	1969
19700082732	Pennsylvania-Princeton-Army avionics research program. Formation flight task, formation flight simulation Interim technical report	1969
19700082733	Polytetrafluoroethylene, volume 2 Bibliography report, Feb. 1955 - Jun. 1969	1969
19700082734	Bulb model tests Final report	1969
19700082735	Transient shear waves in two joined elastic quarter spaces Technical report, 1 Dec. 1968 - 31 Jan. 1969	1969
19700082736	Reaction studies with fast neutrons Progress report, period ending 31 Oct. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082737	AVON - A CDC 6600 computer program for calculating two-dimensional, steady-state temperature distributions	1969
19700082738	The relationship of nitrogen content of austenitic stainless steels to stress corrosion Quarterly report	1969
19700082739	The relationship of nitrogen content of austenitic stainless steel to stress corrosion Final report	1969
19700082741	Minimum-B stabilization of drift waves in a Q machine	1969
19700082742	Advanced plutonium fuels program Quarterly status report, 1 Jul. - 30 Sep. 1969	1969
19700082743	Advanced plutonium fuels program Quarterly status report, 1 Apr. - 30 Jun. 1969	1969
19700082748	Research study on low cost earth orbital transportation system synthesis by economic analysis. Volume 3 - Cost and weight estimating relationships Final report	1969
19700082751	Irradiation effects on reactor structural materials Quarterly progress report, Aug. - Oct. 1969	1969
19700082753	Reactions in nonaqueous solvents Progress report, 1 Nov. 1968 - 31 Oct. 1969	1969
19700082754	Effect and control of chatter vibration in machine tool processes Final scientific report, 1 May 1966 - 31 Jul. 1968	1969
19700082755	A mathematical approach to maintenance scheduling problems for classroom use	1969
19700082757	T58-GE-16 official sea-level high and low temperature /climatic/ qualification test per military specification MIL-E-8595 and General Electric model specification E1105	1969
19700082758	Asymmetrical microstrip IC structures Interim development report, 16 Apr. - 7 Nov. 1969	1969
19700082759	Wind tunnel tests of curved and tangential fin for advanced law	1969
19700082760	Nike-Cajun /three sphere ejection/-2 /12 December 1969/ Meteorological data report	1969
19700082761	MECA - A user-oriented computer program for analyzing resistive nonlinear networks. Volume 1 - Users manual	1969
19700082762	SNAP 29 power supply system, volume 2 Final report, Mar. 1968 - Jun. 1969	1969
19700082766	Multi-function submarine display. Volume 1 - Summary and discussions Final report, 12 May - 30 Sep. 1969	1969
19700082767	The role of emittance in refractory metal coating performance. Part 2 - Total and spectral emittance measurements to 2500 deg F Summary technical report, Jul. 1965 - Aug. 1968	1969
19700082768	Infrared data analysis for diagnosis, isolation, and prediction of electronic equipment malfunctions Technical report, Jun. 1968 - Jun. 1969	1969
19700082770	Optics research - 1969/2 Quarterly technical progress report, 1 May - 31 Aug. 1969	1969
19700082771	In-process control techniques for complex semiconductor structures. Task 2 - The application of secondary electron spectroscopy /auger electron analysis/ to surface control program in the manufacturing of silicon devices Interim engineering progress report	1969
19700082772	Multi-image pattern recognition - Ideas and results	1969
19700082773	Integrated tunnel diode amplifiers for X-band applications Quarterly report, 10 Aug. - 10 Nov. 1969	1969
19700082774	Evaluation and application of data from low gravity orbital experiment. Phase 2 - Marker and Cell method for solution of fluid dynamics problems Quarterly progress report	1969
19700082776	Manufacturing methods for roll diffusion bonded stiffened skin structure Interim engineering progress report, 30 Sep. - 31 Dec. 1969	1969
19700082777	Aircraft landings, volume 2 Bibliography report, Oct. 1954 - Feb. 1969	1969
19700082778	The mechanical behavior of 1100 Al and 7075 Al boron reinforced composites Final technical report, 1 Jun. 1967 - 31 Aug. 1968	1969
19700082779	Production and corrosion protection of bearings. Part 2 - Examination of corrosion inhibitors	1969
19700082780	Acoustoelectric research program Final report, 1 Nov. 1968 - 30 Oct. 1969	1969
19700082781	Production of dry process divalent silver oxide electrodes by continuous rolling Quarterly report, Jun. - Aug. 1969	1969
19700082782	Ionospheric data report, July 1969 Monthly data report	1969
19700082784	VHF/UHF radar ground clutter reduction techniques Final report	1969
19700082785	Positive limb restraint system F-105 Final report	1969
19700082786	Integrated research on carbon composite materials. Volume 2 - Structural mechanics Summary technical report, Jul. 1968 - Jun. 1969	1969
19700082787	Manufacture of jet engine thrust bearings by ausforming Interim engineering report, 15 Sep. - 15 Dec. 1969	1969
19700082788	Manufacturing methods for producing large diameter close tolerance superalloy castings Interim engineering report, 1 Aug. - 31 Oct. 1969	1969
19700082789	Radioisotope power devices of the US Navy, volume 3, number 3 Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700082791	All-digital vocoder techniques, part 1	1969
19700082792	Fabrication and evaluation of diffusion bonded laminated sections Interim progress report, 31 Aug. - 30 Nov. 1969	1969
19700082793	Development of distance measuring equipment modification kit phase 2 Quarterly report, 16 Jun. - 15 Sep. 1969	1969
19700082794	T55-L-11 engine support for CH-47C aircraft US Army test programs Progress report, 1-30 Nov. 1969	1969
19700082796	Self-sealing systems for integral fuel tanks Summary technical report, 15 Apr. 1968 - 15 Apr. 1969	1969
19700082797	Explosively dispersed liquids. Part 1 - Dispersion model	1969
19700082798	Improvement of titanium alloy ingot consolidation Interim technical report, Aug. - Nov. 1969	1969
19700082799	Nuclear physics Progress report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
1970082800	Manufacturing techniques for application of a duplex W/Si-W coating on tantalum components Interim progress report, 1 Sep. - 30 Nov. 1969	1969
1970082802	Low-cost replaceable thyristor fuse link	1969
1970082803	Multi-function submarine display. Volume 2 - Appendices Final report	1969
1970082804	Advanced welding technology for metal fabric Final technical report, Apr. 1968 - Aug. 1969	1969
1970082805	Digital-to-synchro converter Final report, 17 Dec. 1968 - 26 Mar. 1969	1969
1970082807	Theoretical and experimental investigations of V/STOL propeller operation in a static condition Final report	1969
1970082808	An evaluation of the Flight Reference Stabilization System /FRSS/ gyrocompassing capability	1969
1970082811	Interpretation and application of Nimbus high-resolution infrared radiometer data for Southeast Asia Environmental research papers	1969
1970082812	The biological effects of laser radiation Report bibliography, Dec. 1961 - Apr. 1969	1969
1970082813	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal Quarterly report, 13 Jun. - 30 Sep. 1969	1969
1970082814	Biological waste treatment system for aerospace	1969
1970082815	Microwave semiconductor materials and structures Final report, 17 Jun. 1968 - 16 Jun. 1969	1969
1970082816	Magnetic and electric field probes for transient measurements Technical report, Aug. 1968 - Mar. 1969	1969
1970082817	Evaluation of solid-state circuit breaker, APN 111508 Test evaluation report	1969
1970082818	Synthesis and characterization of perfluoroalkyl heterocyclic elastomers Final technical report, 1 Sep. 1968 - 1 Sep. 1969	1969
1970082819	Air Force research objectives in ceramics and related fields. Index of digests of selected accessions in 1969	1969
1970082820	Integrated research on carbon composite materials. Volume 1 - Materials research Summary technical report, Jul. 1968 - Jun. 1969	1969
1970082821	A fluidic pneumatic-hydraulic interface module Final report, 20 Oct. 1968 - 31 Aug. 1969	1969
1970082822	The solid state optical shaft encoder AR11-13G1 Final engineering report	1969
1970082825	A second-order numerical method of characteristics for three-dimensional supersonic flow. Volume 1 - Theoretical development and results Technical report, 1 Sep. 1966 - 31 Aug. 1967	1969
1970082828	The exhibition of new Soviet fighters and fighter-bombers	1969
1970082829	Evaluation of low-altitude, fast-rise meteorological balloon ML-635/XE-1//UM	1969
1970082831	A study of radiometric signal processing and display techniques Final report	1969
1970082832	Advanced ACS valve development program Final report, 6 Feb. 1968 - 15 Dec. 1969	1969
1970082834	Research on photoelectronic imaging devices Final report, 26 Jan. 1968 - 25 Aug. 1969	1969
1970082836	Test and evaluation of the Color Automatic model D9A Final technical report	1969
1970082837	Investigation of required television parameters for simulation of the pilot's visual world Final report	1969
1970082838	Production engineering measure for a 25 kW X-band traveling wave tube Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
1970082840	Test and evaluation of specialized material Final quarterly report, 22 Aug. - 15 Nov. 1969	1969
1970082841	Improvement in flaw detection by the ultrasonic pulse-echo technique with simultaneous low frequency excitation Final annual report, 28 Oct. 1969 - 27 Oct. 1969	1969
1970082843	Continuous system modeling program for the EAI 690 simulation system	1969
1970082845	Mesoscale studies of instability patterns and winds in the tropics Final report, 1 Jun. 1967 - 31 May 1969	1969
1970082846	Ground-based flight simulation of the CH-47C helicopter Final report	1969
1970082848	Mars 2 fluidic control system evaluation	1969
1970082853	First general surveillance of Mk 36 Mods 2 and 5 rocket motor for the Sidewinder AIM-9D /1-C/ guided missile /U/	1969
1970082855	Test and evaluation of endothermically cooled pyrolytic graphite nozzles /U/ Final report, 22 Nov. 1967 - 15 Sep. 1969	1969
1970082856	High resolution hemispherical coverage antenna techniques /HICAT/ /U/ Final report	1969
1970082857	Advanced tactical radar summary /U/ Final technical report, 1 Aug. 1967 - 31 Jan. 1969	1969
1970082858	Tests of a digital FM classifier for the AN/SQS-23 sonar /U/ Annual report, 1 Jan. - 31 Dec. 1968	1969
1970082859	Noise prediction and suppression possibilities for propeller-driven light tactical aircraft /U/ Progress report	1969
1970082860	Evaluation of AN/SPS-48 Micro-Min data programmer system /XN-1/ /U/ Interim report	1969
1970082861	Production engineering measure on laser-diode array /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
1970082863	Propellants, rockets and missiles /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
1970082864	A study of a hydrogen producing reaction /U/	1969
1970082868	Pave Arrow rain erosion flight test of AIM-9B dome materials /U/ Final report	1969
1970082872	Reliable Advanced Solid-State Radar /RASSR/ Quarterly report, 20 Oct. - 15 Dec. 1969	1969
1970082873	Feasibility of rocket motor insulation inspection using infrared radiation	1969
1970082885	Development of an improved, lower cost olive drab solar heat reflecting enamel	1969
1970082886	Microwave synthesis techniques Final report, 1 Jan. - 30 Jun. 1969	1969
1970082887	Wideband tunable RF front ends Final report	1969
1970082889	High speed Morse telegraph terminal Quarterly progress report, 31 Jan. - 31 May 1969	1969
1970082890	A visual technique for wave form analysis	1969
1970082891	Rocket propellant program, Propellants Laboratory /U/ Technical memorandum, Jul. - Sep. 1969	1969
1970082901	Strain gauge buckles for measuring loads in webbing and cordage	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082903	The dynamic behaviour of crash helmets	1969
19700082904	Results of an investigation to improve the rearward radiation characteristics of the radio-telemetry aerial system used on the Jabiru free-flight test vehicle	1969
19700082906	Cost effectiveness study - Bare base surfacing requirements	1969
19700082907	Structural airframe application of advanced composite materials. Volume 2 - Micromechanics	1969
19700082908	An investigation of the effects of working pressure on aircraft hydraulic systems	1969
19700082909	Testing and assessment of two types of Trefoil parachute assemblies for the low level delivery of paratroops	1969
19700082910	Comparison of calculated pressure distributions on some swept wings with Warren 12 planform at subsonic speeds	1969
19700082911	A visual display for a special purpose flight simulator	1969
19700082912	Metallic and composite seals for jack rods	1969
19700082913	Data contributions to the determination of the earths gravity field	1969
19700082914	The influence of the boundary layer on a fixed ground board on ground effect measurements	1969
19700082915	Some calculated power requirements for trains using the channel tunnel	1969
19700082916	Design against fatigue as a contribution to reliability	1969
19700082917	An application of the RAE wind tunnel/flight dynamics simulator to the low speed dynamics of a slender delta aircraft /HP 115/	1969
19700082918	The wet-adhesion of coated fabrics	1969
19700082919	Reliability improvement by redundancy in electronic systems. 2 - An efficient new redundancy scheme - Radial logic	1969
19700082920	Super VC 10 cruise drag - A wind tunnel investigation. Part 1 - Experimental techniques	1969
19700082921	A review of aluminum-aluminum oxide alloys	1969
19700082922	The role of heat conduction in leading edge heating theory and experiment	1969
19700082923	Microwave pulse-shaping networks Interim engineering report, 15 Aug. 1968 - 15 Mar. 1969	1969
19700082924	Test and evaluation of the continuous slit, enlarging/contact printer Final technical report	1969
19700082925	Quinoxaline ladder polymers for high temperature laminating resins and structural adhesives, part 2 Annual report, 1 Jun. 1968 - 31 May 1969	1969
19700082928	Evaluation of the General Electric model number 9899537-738 inlet particle separator	1969
19700082929	Development of high power transmitter tube Monthly report, 15 Aug. - 15 Sep. 1969	1969
19700082930	Study of helicopter gear lubrication Quarterly progress report, Jun. - Aug. 1969	1969
19700082931	Electroluminescent multipurpose spacecraft display Final report	1969
19700082932	Evaluation of test techniques for advanced composite materials Quarterly report, 30 Aug. - 30 Nov. 1969	1969
19700082933	Investigation of short-term annealing with APFA-3 Technical report, Dec. 1967 - Apr. 1969	1969
19700082934	Advanced electron device technology Status report	1969
19700082935	MULVAR - A general-purpose program for functionalization in many variables	1969
19700082936	White Sands range and range-rate system Final report	1969
19700082937	Mathematical analysis of forces in extrusion and drawing of tubes through conical dies with a moving cylindrical mandrel Technical report, 1 Jul. 1968 - 1 Jun. 1969	1969
19700082939	Investigation of a highly loaded two-stage fan-drive turbine. Volume 1, phase 1 - Preliminary design evaluation /U/ Interim technical status report, 1 Jan. - 28 Jun. 1968	1969
19700082940	Investigation of a highly loaded two-stage fan-drive turbine. Volume 2, phase 2, part 1 - Preliminary experimental evaluation /U/ Semiannual report, 1 Jul. - 31 Dec. 1968	1969
19700082941	Investigation of a highly loaded two-stage fan-drive turbine. Volume 3, phase 2, part 2 - Experimental baseline airfoil evaluation /U/ Semiannual report, 1 Jan. - 30 Jun. 1969	1969
19700082946	Long range acoustic propagation in deep water at frequencies below 8 KHz /U/	1969
19700082948	Radar ship echoes with high range resolution /U/ Final report	1969
19700082951	Research and Exploratory Development for the Office of Aeronautical Research, National Aeronautics and Space Administration /U/ Quarterly Progress Report, 1 Jul. - 30 Sep. 1969	1969
19700082954	High-energy solid propellant aging study /U/ Progress report, Oct. 1967 - Feb. 1969	1969
19700082955	Personnel detection radar /U/ Quarterly progress report, 23 Jun. - 19 Sep. 1969	1969
19700082957	Solventless /extruded/ powder, general - Preproduction studies for the XM548E1 propellant grain /U/ Final report, Mar. - Dec. 1969	1969
19700082958	Aerobee NASA 4.167 DS /17 December 1969/ Meteorological data report	1969
19700082959	Ultrahigh speed microcircuit prescaler Interim engineering report, 20 Jul. - 20 Oct. 1969	1969
19700082960	Phosphoric acid fuel cell stacks Final technical report, 15 May 1968 - 15 May 1969	1969
19700082962	Transmission line techniques for description of microwave acoustic resonances in thin piezoelectric disks	1969
19700082963	Solid-state altitude reporting analog to digital converter Final report, 22 Jul. 1968 - 6 Jan. 1969	1969
19700082964	Measurement of rotor noise levels and evaluation of porous blade tips on a CH-47A helicopter Final report	1969
19700082965	Theoretical investigation of nuclear burst phenomena Final report, 22 Apr. 1965 - 31 Dec. 1969	1969
19700082967	Development of manufacturing techniques for production of rain erosion resistant coated structures Interim engineering progress report, 1 Oct. - 31 Dec. 1969	1969
19700082968	Adaptive phased array radar techniques Final technical report, 13 Aug. 1968 - 13 Oct. 1969	1969
19700082969	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 Aug. - 31 Oct. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082970	Birds Eye 3-69, 23 March - 22 April 1969	1969
19700082971	General purpose programs for the Calcomp plotters	1969
19700082973	Aerobee NASA 4.25 GG /13 December 1969/ Meteorological data report	1969
19700082975	Thermal transport properties of NOTSGEL-A Technical publication, 9 Jun. - 24 Sep. 1969	1969
19700082976	Linearization of the gravity-affected planing problem	1969
19700082978	Aerobee 170, KP 3.26 /12 December 1969/ Meteorological data report	1969
19700082979	Techniques for producing beryllium oxide single crystals Interim report, 1 Oct. - 31 Dec. 1969	1969
19700082980	Rational pavement evaluation-review of present technology Technical report, Feb. 1968 - Jun. 1969	1969
19700082981	The 10.6 micron single mode frequency control Final technical report	1969
19700082982	Electronically tuned high power network Quarterly report, 1 May - 31 Jul. 1969	1969
19700082983	L-band RF module for phased-array radar application Final report, 20 Sep. 1968 - 19 Jun. 1969	1969
19700082984	L-band RF module for phased-array radar application Quarterly report, 20 Dec. 1968 - 19 Mar. 1969	1969
19700082985	A new performance criterion for motion compensation	1969
19700082986	TEM digital ferrite phase shifters Final report, 1 Jun. 1965 - 30 Sep. 1969	1969
19700082987	Linear integrated circuits /field effect RF amplifier/mixer integrated circuits/ Final report, 8 Apr. 1968 - 7 Apr. 1969	1969
19700082988	Equatorial sporadic-E experiment /data analysis/ Final report, Jan. - Sep. 1969	1969
19700082989	A manufacturing process for TD cobalt-nickel- chromium sheet Interim report, 1 Aug. - 15 Nov. 1969	1969
19700082991	Aircraft Load Alleviation and Mode Stabilization /LAMS/ C5A system analysis and synthesis Final technical report, Jun. 1966 - Dec. 1968	1969
19700082992	Optical resonators and nonlinear optics Technical report, 31 Jul. 1968 - 30 Aug. 1969	1969
19700082994	Manufacturing techniques to produce 3,3 prime,4,4 prime-diaminobenzidine Quarterly technical report, 1 Aug. - 31 Oct. 1969	1969
19700082995	Gallium arsenide microwave diodes Quarterly report, 1 Jun. - 5 Sep. 1969	1969
19700082996	Neutron induced electrical sources-2 /advanced electromagnetic pulse theoretical studies/ Technical report, 10 May 1968 - 10 Feb. 1969	1969
19700082999	Emulsified fuel system design study Final report	1969
19700083000	Research on deformation and possible strengthening mechanisms for solid solution phases of titanium Final report, 1 Jun. 1966 - 31 Jul. 1969	1969
19700083001	UHF MOS integrated circuits Quarterly report, 1 Apr. - 30 Jun. 1969	1969
19700083002	The half-lives of Au198 and Pm148	1969
19700083004	Influence of cold-working on the creep-rupture behavior of the Incoloy 800 alloy	1969
19700083006	Operations Division Progress report, 1 Jul. - 30 Sep. 1969	1969
19700083007	Experimental facilities around PARR-1 at PINSTECH - A guide for engineers and scientists	1969
19700083008	Special Projects Division Progress report, 1 Oct. - 31 Dec. 1969	1969
19700083009	Engineering and Administrative Service Progress report, 1 Jul. - 30 Sep. 1969	1969
19700083010	Estimate of pressure buildup in sinter pores of UO2 fuel pellets	1969
19700083011	Determination of calcium content in PPM region of sodium metal using X-ray fluorescence analysis	1969
19700083012	Advanced Projects and Reactor Physics Division Progress report, 1 Jul. - 30 Sep. 1969	1969
19700083013	Operations Division Progress report, 1 Oct. - 31 Dec. 1969	1969
19700083014	Creep-rupture studies of various Incoloy 800 grades under internal pressure /MOL-2 comparison tests/	1969
19700083015	High temperature radiation induced creep in graphite - Project Dragon	1969
19700083016	Structural flight loads data from T-38 aircraft using A/A24U-10 recording sets Final report, Jun. 1967 - Apr. 1969	1969
19700083017	Manufacture of high strength TD nickel- chromium tubing Interim report, 1 Aug. - 15 Nov. 1969	1969
19700083018	The Dragon project programme of core materials development for high temperature power reactor. Project Dragon	1969
19700083019	Results of some physical calculations relating to operation of a steam-cooled fast breeder fueled mainly by U235	1969
19700083020	Model for stress analysis in coated fuel particles. Project Dragon	1969
19700083021	New techniques for determining thickener particle size and fluid density Technical report, 1 Jan. - 31 Dec. 1968	1969
19700083022	Thermo and hydrodynamic studies of liquid metal flows Status report, Dec. 1968	1969
19700083023	Research on synthesis procedures for intermediates required for high temperature stable polymeric materials, part 1 Technical report, 15 Dec. 1968 - 31 Oct. 1969	1969
19700083024	Development of centralized automatic test systems at NELC. Volume 5 - Data dissemination and display Research and development report, Aug. 1967 - Jul. 1969	1969
19700083025	Doppler radiation study, phase 1, volume 1 Final report, 1 Jul. 1968 - 1 Jul. 1969	1969
19700083026	Critical assessment of opportunities for using coated fuel particles in a gas-cooled fast high temperature reactor	1969
19700083027	An assessment of the operating characteristics of the proposed modified secondary coolant circuit for the Dragon reactor	1969
19700083028	Distribution of fission products in a high temperature gas-cooled reactor - Project Dragon	1969
19700083029	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Aug. - 31 Oct. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083030	Detailed design of a 2000-SHP advanced technology V/STOL propeller system Final report	1969
19700083031	Fabrication of graphite braid reinforced phenolic composites Technical report, Aug. 1967 - Nov. 1968	1969
19700083032	Investigation of the effects of thermal mechanical variables on the creep properties of high strength columbium alloys Final report, 1 Apr. 1967 - 30 Jan. 1969	1969
19700083033	Automated grain design for solid propellant high low ballistic systems	1969
19700083034	Preliminary report on the thermodynamic properties of selected light-element and some related compounds	1969
19700083035	Synthesis of fluorodinitroethylamino-1,3,5, triazines	1969
19700083036	Beryllium wire-metal matrix composites program Final report, 1 Nov. 1968 - 30 Nov. 1969	1969
19700083037	Static wind-tunnel tests of the Mk 82 free- fall store with two modified stabilizers	1969
19700083038	Hydraulic transients in fluid systems installed in underground protective structures Technical report, Dec. 1963 - Jun. 1965	1969
19700083039	Energetic electrons at the synchronous altitude - A compilation of data Technical report, Jan. 1968 - Jun. 1969	1969
19700083040	Display Digital Data Link /DDDL/ evaluation	1969
19700083042	Mode control and related studies of dielectric-layered quartz filter crystals	1969
19700083043	Silicon integrated circuits for portable radar equipment Final report, 1 Jul. - 19 Nov. 1968	1969
19700083044	Connective devices for /small diameter/ extra flexible /class F/ cable Final report, 1 Dec. 1968 - 30 Jun. 1969	1969
19700083045	Dc-electroluminescent flat panel display Quarterly report, 1 May - 31 Jul. 1969	1969
19700083047	Fuels and Materials Division Progress report, 1 Jul. - 30 Sep. 1969	1969
19700083048	Temperature and fluid property effects on cavitation in aircraft fuel pumps	1969
19700083049	AN/VRC-12 cable evaluation	1969
19700083050	Relative gain measurements - Unbalanced dipole, force balanced dipole, resonant half-wave dipole /AN/GRA-12/, portable loop antenna USALWL /model AN-3X/, and tactical extended range antenna /AN/GRA-93/ Research and development technical report, Mar. 1967 - Jun. 1968	1969
19700083051	Design and development of semiconductor test set, AN/USM-171/XE-3/ Final report, 1 Jul. 1963 - 14 Mar. 1969	1969
19700083052	Use of plutonium as fuel in nuclear reactors Final report, 1 Jan. 1964 - 31 Dec. 1968	1969
19700083053	The post irradiation examination of DFR 166, the Mk 2A 77 pin sub-assembly with pin failures	1969
19700083056	Techniques for integral measurements in fast assemblies	1969
19700083057	Theoretical aspects of fast breeder fuel rod development	1969
19700083059	HECON - A program in FORTRAN 4 for the evaluation of steady-state and transient temperature distributions in two-dimensional domains	1969
19700083060	Inductive welding of protective sleeves on thin sheath thermocouples	1969
19700083061	ALGOL programmes for the response analysis of linear systems with deterministic or random inputs	1969
19700083062	Non-contact arinc shaft encoder Final report, 25 Sep. 1967 - 31 Dec. 1968	1969
19700083063	Study to design and develop high speed, high accuracy /15 bit/ synchro to digital converter Final report	1969
19700083064	Fail-safe bearing and gear lubrication system Final report, 25 Jun. 1965 - 31 Dec. 1968	1969
19700083065	A study of the scattering properties of inclusions in a lossy half-space Final report	1969
19700083066	Applied Science Division Progress report, 1 Jul. - 30 Sep. 1969	1969
19700083067	Climatic handbook for Point Mugu and San Nicolas Island. Volume 2 - Upper-air data	1969
19700083068	Preliminary studies on detection of ramp- shaped perturbations in outlet temperature of a subassembly	1969
19700083072	An experimental investigation of boundary layer transition on a cone at angle of attack	1969
19700083073	Communications on SLAE UHF degraded channels	1969
19700083074	Base contour effects on the wake flow field Technical report, 1 Jan. 1967 - 31 Dec. 1969	1969
19700083075	Sodium fire extinguishment tests at DERE	1969
19700083076	Cloud cover of the USSR. Volume 1 - An analysis of WMO synoptic code records	1969
19700083077	List processing research techniques Final report	1969
19700083084	An evaluation of design analysis techniques for high performance ballistic vehicle graphite nose tips. Volume 1 - Summary report /U/ Final report, 15 Apr. - 31 Dec. 1968	1969
19700083088	Interpretation of measurements of nickel reactivity coefficients in several critical assemblies	1969
19700083089	Component qualification test of model 025186-104 fuel gear pump with filter for the General Electric T58-16 engine Engineering report, 22 May - 17 Jul. 1969	1969
19700083090	High quality Nd - YAG laser materials Quarterly report, 15 Mar. - 14 Jul. 1969	1969
19700083091	Performance of thermal insulation immersed in helium. Project Dragon	1969
19700083092	Applied Physics Division Progress report, 1 Jul. - 30 Sep. 1969	1969
19700083093	PUFF rezone development Technical report, 3 Oct. 1967 - 1 Aug. 1969	1969
19700083094	A technique for frequency analysis of systems containing multiple nonlinearities	1969
19700083095	Heat rejection systems for electrochemical equipment, phase 1 Final report	1969
19700083099	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures, Addendum Final Report, Jun. - Nov. 1969	1969
19700083100	Omega Position Location Equipment Control Center development and experiment data analysis U25-815801-F, addendum Final report, 31 Jan. - 31 Oct. 1969	1969
19700083103	Experiments and activities of the Institute of Molecular Evolution Annual report	1969
19700083104	Testing of dielectric materials and applications techniques in electronic packaging Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083105	Modular nuclear vehicle study. Phase 4 - Radiation analysis of a nuclear lunar logistics vehicle	1969
19700083106	Modular nuclear vehicle study. Phase 5 - Flight safety studies Final report	1969
19700083109	Design mechanical properties for trip steel Final report, 1 Jan. - 31 Dec. 1969	1969
19700083110	Development of laminate metal matrix composites Final report, 1 Nov. 1968 - 31 Oct. 1969	1969
19700083111	Apollo 12 Goddard computer operations plan	1969
19700083112	AS-506 MSFN metric tracking performance report	1969
19700083115	Low power digital data storage module Final report	1969
19700083116	The Annin Company part number model 1800. 4-inch pneumatically operated, vacuum jacketed, globe valve, NASA part number 75M14524, HGLV-28	1969
19700083117	AS-503 electromagnetic compatibility data	1969
19700083125	A differential game approach to state estimation	1969
19700083126	A projectile detection system for dump tanks of hypersonic ranges	1969
19700083128	Program to evaluate the effect of sulfur in JP-5 fuel on hot corrosion of turbine blade materials Progress report, 2 Apr. - 2 Jul. 1969	1969
19700083129	Entropy of information fields and effects of communications errors on legibility. Part B - Data for typical US Navy operational message traffic /U/ Research report, Jul. 1968 - Jul. 1969	1969
19700083134	Rocket exhaust ionization - Fluorocarbon propellant /U/ Interim report	1969
19700083135	Improved technique for estimating maximum MAD detection range /U/	1969
19700083142	Thermoelectric generators for space missions /U/ Annual summary report, 1 Jul. 1967 - 30 Jun. 1968	1969
19700083146	Reconofax 13A infrared detecting set /U/ Final report, 5 May - 5 Jun. 1969	1969
19700083152	Experimental investigations of flight control surfaces using modified air jets Final report, 6 Dec. 1966 - 6 Oct. 1968	1969
19700083153	Oceanographic cruise summary. Marine biofouling studies off Oahu, Hawaii Informal report, Feb. 1968 - Feb. 1969	1969
19700083154	Dependence of theoretical and observed Rayleigh-wave spectra on distance, magnitude, and source type	1969
19700083155	Multi-chip integrated circuit package Quarterly report, 1 Sep. - 30 Nov. 1969	1969
19700083156	Adaptation of printed circuit-tubelet concepts for electronic modules. Reliability of interconnections in electronic modules Final report, 10 Jun. 1968 - 10 Sep. 1969	1969
19700083157	Evaluation of relay, APN 11151824	1969
19700083158	Investigation of the performance of tachometer indicators part number MS-21971-1 under conditions of acceleration Final report	1969
19700083160	Low altitude atmospheric turbulence LO-LOCAT phase 3. Volume 2 - Instrumentation and data processing details, gust velocity data, and test log Interim summary report, 17 Apr. 1968 - 8 Jan. 1969	1969
19700083161	Production engineering measure for Schottky-barrier gallium-arsenide diode Quarterly report, 13 Jun. - 30 Sep. 1969	1969
19700083162	Test and evaluation of Metamat HI-N paper developer-replenisher	1969
19700083164	Measurements of shock wave attenuation in ducts with large length-to-diameter ratios. Final report, 3 Apr. - 25 Nov. 1969	1969
19700083165	Corrosion problem on selected ships at the aluminum superstructure and steel interface	1969
19700083166	Electrolytic oxygen generators	1969
19700083167	AN/SPS-30 radar set	1969
19700083168	Search radars AN/SPS-37, 37A, 43, and 43A	1969
19700083169	Hydraulic servo control valves	1969
19700083170	Conalog control display system	1969
19700083171	Preproduction evaluation of the TD-937/SPX/XB-2/ electronic gate, series no. 1 Final report	1969
19700083172	Analysis of sandwich material Final technical report, 1 Apr. 1968 - 30 Sep. 1969	1969
19700083174	The mechanisms and kinetics of aerosol filtration Quarterly progress report, Apr. - Jul. 1969	1969
19700083176	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700083177	Performance evaluation tests para-foil maneuverable personnel gliding parachute assembly. Aspect ratio 2, area 360 square feet Final report	1969
19700083178	Portable welding/cutting repair equipment damage control Maintenance analysis report, 1 Aug. 1967 - 31 Oct. 1968	1969
19700083179	Search radar AN/SPS-39 and AN/SPS-39A Maintenance analysis report, 1 Jan. - 31 Dec. 1968	1969
19700083182	T58-GE-16 official altitude qualification test per military specification MIL-E-8595, General Electric model specification E1105 and SAR-401	1969
19700083184	Simulation of airblast-induced ground motion at McCormick Ranch test site. Volume 2 - Project drill hole	1969
19700083186	Some recent experimental observations on flame spreading over solid fuel surfaces Annual report	1969
19700083187	Aircraft Load Alleviation and Mode Stabilization /LAMS/ flight demonstration test activities Final technical report, Jun. 1966 - Dec. 1968	1969
19700083188	Aircraft Load Alleviation and Mode Stabilization /LAMS/ B-52 system analysis, synthesis, and design Final report, Jun. 1966 - Dec. 1968	1969
19700083189	Bipropellant Attitude Control Rocket /ACR/ plume contamination investigation Final report, Feb. - Sep. 1969	1969
19700083190	Structural analysis by the general code of a missile ballistic case	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083191	A flight envelope expansion study for the XH-51A compound helicopter Final technical report, Jan. - Apr. 1968	1969
19700083192	A contribution to the dynamic testing of compasses	1969
19700083193	Some properties and applications of gas lasers	1969
19700083195	Proceedings of the Symposium on Image Display and Recording SIDAR, volume 1	1969
19700083196	The 1969 Government Microcircuit Applications Conference - Digest of technical papers	1969
19700083197	Advancement of small gas turbine component technology, advanced small axial compressor. Volume 1 - Analysis and design	1969
19700083201	Modeling and data analyses - Short and medium range digital troposcatter tests, volume 1	1969
19700083209	CSM 108 /Mission H-1/ Mission Evaluation Study Analysis Report	1969
19700083210	Navigation and alignments	1969
19700083211	SPS-RCS maneuvers	1969
19700083212	Rendezvous	1969
19700083213	Entry	1969
19700083214	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors Quarterly report, 13 Jun. - 13 Sep. 1969	1969
19700083215	Mechanisms of laser-surface interactions Semiannual report	1969
19700083216	Airfield pavement evaluation, Royal Thai Navy Station, Ban U-Tapao Airfield, Thailand Technical note, Jul. - Sep. 1969	1969
19700083217	Test and evaluation of digital shutter tester Final technical report	1969
19700083220	Fire protection for advanced bases	1969
19700083221	Qualification tests for aircraft lighting equipment /ACSI Industries, Incorporated, P/N 3085-2.4/1-5, position-light flasher/	1969
19700083225	The pulse-logic processing technique as applied to a Doppler navigation system Final report	1969
19700083226	Electrostatic charge on aircraft in flight	1969
19700083227	Analytical procedures for determination of fluoboric acid electrolyte	1969
19700083228	Production engineering measure for high- reliability aluminum electrolytic capacitors Quarterly report, 20 Jun. - 20 Sep. 1969	1969
19700083229	Pulsed nuclear magnetic resonance measurements on filled polymers	1969
19700083231	Flow orientation of short fibers in transfer molding	1969
19700083232	Research in information theory Final report, 1 Jan. 1958 - 31 Dec. 1969	1969
19700083233	Experimental studies of the tensile properties of discontinuous fiber reinforced plastics	1969
19700083236	Study of vapor penetration through thin charcoal layers Quarterly progress report, Sep. - Nov. 1969	1969
19700083238	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700083239	Plot subroutine package for the EAI 690 simulation system	1969
19700083240	Microstructure studies of refractory polycrystalline oxides Summary report, 25 Jun. - 24 Dec. 1969	1969
19700083242	C-5A category 1 test procedure fatigue test - Boron leading edge slat	1969
19700083244	Arc discharge lamps with metallic vapors as intensive infrared radiation sources	1969
19700083245	Maximum speed of helicopters and possibility for increasing it	1969
19700083252	The container, an instrument for the promotion of air freight	1969
19700083254	High power lasers Quarterly technical report, 1 Oct. - 31 Dec. 1969	1969
19700083255	Evaluation of the AEL free water detector for accuracy of ratings Interim technical report, 2 Dec. 1968 - 31 Jul. 1969	1969
19700083256	Ionospheric data report, August 1969 Monthly data report	1969
19700083257	Report of the Arctic ice observing and forecasting program, 1968	1969
19700083260	Engineering Design Handbook - Electrical wire and cable	1969
19700083262	A compact multiband integrated microwave antenna	1969
19700083265	Tensometric sensing element for measuring low pressures	1969
19700083270	F-5A transonic buffet flight test Final technical report, 15 Jun. - 15 Oct. 1969	1969
19700083271	Fracture toughness, fatigue and corrosion characteristics of X7080-T7E41 and 7178-T651 plate and 7075-T6510, 7075-T73510, X7080-T7E42, and 7178-T6510 extruded shapes Final technical report, Mar. 1967 - Jul. 1969	1969
19700083272	Linear autopilot instrumentation techniques	1969
19700083273	Evaluation of high purity 18 Ni /300/ maraging steel forgings Technical management report no. 2, 1 Aug. - 31 Oct. 1969	1969
19700083274	Reliability and performance characteristics of BA 605/U thermal battery	1969
19700083276	CONGRATS 1 - Ray plotting and eigenray generation	1969
19700083280	Study of energy transfer and reactions in gases by a high-energy molecular beam technique Final report, 1 Apr. 1966 - 31 Jul. 1969	1969
19700083281	Quantitative studies by optical spectroscopy of energy exchange in simple gases and solids Annual summary report, Nov. 1968 - Oct. 1969	1969
19700083284	Adaptive realizations of the matrix filter in an optimum multibeam array receiver	1969
19700083286	Test and evaluation of a spar-type oceanographic buoy	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083287	Dielectric constant and loss tangent measurement of high-temperature electromagnetic window materials Technical report, 27 Mar. 1968 - 26 Jun. 1969	1969
19700083288	The morphogenic layer of the atmosphere	1969
19700083289	Examination of VLF/LF propagation effects as a function of frequency	1969
19700083290	A calorimeter for measuring laser output energy	1969
19700083291	Reliability of space systems	1969
19700083292	Investigation of film reinforced composites for aircraft structures Final report	1969
19700083294	Prediction of short term critical collapse pressure of syntactic foam under hydrostatic pressure	1969
19700083296	A program for calculating response to a force function by normal mode analysis	1969
19700083297	Report of the Antarctic ice observing and forecasting program, 1968 Special publication, Oct. 1968 - Jan. 1969	1969
19700083300	Radiation copolymerization of tetrafluoroethylene and hexafluoropropylene	1969
19700083302	Engineering evaluation of MA-2 Torso Harness modified for quick don/doff capability Final report	1969
19700083304	Works carried out in France in the field of resistors and potentiometers	1969
19700083305	An investigation of jet-interaction	1969
19700083307	Product improvement program for E-5 electric starter model	1969
19700083308	A microwave system for measuring particle and shock velocity using a piezoresistive dielectric/dielectric waveguide Final report, 15 Apr. 1968 - 15 Apr. 1969	1969
19700083311	Development of a new parachute harness assembly and improvements to the NC-3, NS-3 and NB-8 Navy standard parachute harness assemblies to provide a quick parachute canopy disconnect capability Final report	1969
19700083312	Preliminary ACTION 2 radar hardware system requirements	1969
19700083313	Vibration measurements in aviation technology	1969
19700083314	Observation of self-diffracted fluorescence from shock-loaded copper crystals	1969
19700083315	Video processor for weather radar Interim report, 1 Feb. - 31 Jul. 1969	1969
19700083316	Production engineering measure for high voltage aluminum high-reliability electrolytic capacitors Quarterly report, 30 Jun. - 30 Sep. 1969	1969
19700083317	Numerical study of the Coanda effect Technical report, 29 Apr. 1968 - 30 Jun. 1969	1969
19700083318	Wide swath synthetic aperture ground mapping from an orbiting satellite	1969
19700083321	Solid state electronics techniques Final report, 1 Jul. 1965 - 31 Dec. 1969	1969
19700083322	Assessment of technology status on protective coatings for tantalum structures Technical report, Mar. - Dec. 1968	1969
19700083323	Performance characteristics of the LTV-Bell accelerometer	1969
19700083325	Evaluation of high purity 18 Ni /300/ maraging steel forgings Technical management report, 1 May - 31 Jul. 1969	1969
19700083328	Metal-containing phosphonitrile polymers Final report, 1 Apr. 1968 - 31 Mar. 1969	1969
19700083329	A 50 watt 76 MHz PEM transistor, radiation resistant high power Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700083330	Production engineering measures program for a pulsed 1 kW Ku-band tunable coaxial magnetron Quarterly reports, 30 Apr. - 30 Oct. 1969	1969
19700083331	Modeling of magnetic cores for computer circuit analysis	1969
19700083332	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700083333	Description of the Goddard range-range rate data processing program for the CDC-160A	1969
19700083334	Single axis space simulator for testing the Nimbus-D attitude control system	1969
19700083335	Analyses of emission intensity data for shock-heated N ₂ , O ₂ , NO and air Technical report, Feb. 1968 - May 1969	1969
19700083342	Monopropellant hydrazine plenum study Final report, 24 Apr. 1967 - 31 Dec. 1969	1969
19700083343	The MIKOD automatic programming system for the MINSK-2 computer	1969
19700083344	Research and development of refractory oxidation-resistant diborides. Part 2, volume 6 - Thermal stress resistance Final technical report, 15 Sep. 1967 - 15 May 1969	1969
19700083345	Research and development of refractory oxidation-resistant diborides. Part 2, volume 5 - Thermal, physical, electrical and optical properties Technical report, 15 Sep. 1967 - 15 May 1969	1969
19700083346	Development of a Cellular Absorbed Dose Spectrometer /CADS/ Technical report, Jun. 1967 - Oct. 1968	1969
19700083349	UHF MOS integrated circuits Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700083350	Delphinid sonar. Pulse wave and simulation studies Summary report, 15 May 1968 - 20 Jun. 1969	1969
19700083352	Steady state shape of orbiting VLF antenna system	1969
19700083354	The 7289 planar triode improvement program Quarterly interim development report, 1 Aug. - 1 Nov. 1969	1969
19700083355	Design and construction of warp-round power supply system for image intensifier tube Final report, 14 Jan. - 12 Sep. 1969	1969
19700083356	Single crystal tin telluride-lead selenide for IR detection Quarterly report	1969
19700083357	Miniature high-voltage capacitors Final report, 8 Jun. 1965 - 30 May 1969	1969
19700083358	Miniature high voltage oscillators for goggle night vision systems Final report, May 1968 - Mar. 1969	1969
19700083360	Feasibility study of a self-caging compliant surface bearing for the directional gyroscopes	1969
19700083361	The continuous spectrum of the one atmosphere argon arc in the 2700-5000 angstrom spectral range	1969
19700083362	Theoretical analysis of transient electromechanical energy conversion Final scientific report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083363	Supersonic high density bomb pod F-4C/D munitions compatibility Final report, Oct. 1968 - Jan. 1969	1969
19700083364	Sapphire ribbon Quarterly progress report, 26 Jun. - 30 Sep. 1969	1969
19700083365	Gas bearing fabrication study Final report	1969
19700083367	Preliminary results of multiple-access experiments with TATS and LES-6	1969
19700083369	Developing radar transmitter devices to meet EMC standards Final report	1969
19700083370	Photoconductive infrared detectors using thin films of lead-tin chalcogenide alloys Annual report, 1 Sep. 1968 - 31 Aug. 1969	1969
19700083371	The influence of construction deformations upon the loading of navigable gliders	1969
19700083373	Carrier landing performance, an analysis of flight tests under simulated pitching deck conditions Final report	1969
19700083375	Advanced ceramic systems for rocket nozzle applications Summary report, 1 Nov. 1968 - 31 Aug. 1969	1969
19700083377	Polish ultrasonic device for fog dispersion	1969
19700083379	Research in purification and single crystal growth of 2-4 compounds Progress report, 1 Oct. - 31 Dec. 1969	1969
19700083380	Vapor deposition of ceramic oxides Final progress report	1969
19700083382	Microelectronic advanced packing program Final report	1969
19700083385	Terrain evaluation for off-road mobility-criticism and models of terrain evaluation procedures for large areas Final technical report, Aug. 1967 - Jul. 1969	1969
19700083386	Ultra-High Speed /UHS/ electric propulsion system and mobile generating plant, part A Final engineering status report	1969
19700083387	Ultra-High Speed /UHS/ electric propulsion system and mobile generating plant, part B Final engineering status report	1969
19700083388	Ultra-High Speed /UHS/ electric propulsion system and mobile generating plant, part C Final engineering status report	1969
19700083389	Type 2 multipliers for goggle power supplies Final technical report	1969
19700083390	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage Quarterly report, 30 Jun. - 30 Sep. 1969	1969
19700083391	Effect of aircraft-engine turbine design on the size of blade tip clearance	1969
19700083392	Ionospheric data report, September 1969 Monthly data report	1969
19700083394	Atmospheric scattering functions in connection with the size distribution of haze according to Jang's exponential law	1969
19700083395	Production engineering measure for improved reliability of solid tantalum capacitors Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700083396	Satellite-to-ground wideband communication study	1969
19700083397	Research and development for C-band forward wave crossed-field amplifier Final report, Nov. 1967 - Apr. 1969	1969
19700083401	Annual report of the Advisory Group on Electron Devices for fiscal year 1969 /U/	1969
19700083403	Liquid propulsion technology /U/ Technical status report, Oct. - Dec. 1969	1969
19700083414	Research activities of the Army Propulsion Laboratory and Center /U/ Technical status report, Oct. - Dec. 1969	1969
19700083419	Development of a three-stage 60-18 mm variable magnification image intensifier /U/ Quarterly technical report, 1 Aug. - 31 Oct. 1969	1969
19700083426	Twenty-five millimeter microchannel array development /U/ Quarterly report, 28 May - 28 Aug. 1969	1969
19700083429	Applied research in electronic warfare techniques Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700083436	An investigation of the scatter in constant amplitude fatigue test results of 2024 and 7075 materials	1969
19700083437	The value of a head-up display when landing a large aircraft	1969
19700083438	Comparative trials of director assisted and unassisted instrument flight in a Scout helicopter	1969
19700083439	Two-dimensional flows with heat addition. Part 2 - Viscous and axisymmetric flow	1969
19700083442	Multipath interference tests Research and development technical report, 1 Jan. 1967 - 1 Dec. 1968	1969
19700083443	Suppression in active devices-circuits Annual interim technical report, 1 Nov. 1968 - 31 Oct. 1969	1969
19700083444	Advanced concepts of microwave generation and control in solids Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700083449	A multiple-scale research program in tropical meteorology Quarterly progress report, 1 Jan. - 30 Jun. 1969	1969
19700083450	Study of optically pumped traveling wave masers Final report	1969
19700083451	Feasibility of thermal radiative property measurements under simulated reentry conditions Final report	1969
19700083452	Pennsylvania-Princeton Army Avionics Research Program. Formation flight task. Design of a model reference control system to achieve non-interaction	1969
19700083453	Structures and materials assessment for hypersonic vehicle technology Technical report, Nov. 1968 - Mar. 1969	1969
19700083456	Interactions between shock waves and turbulent boundary layers	1969
19700083457	The design and operation of a hollow cathode for electron bombardment ion thrusters	1969
19700083458	Direct liquid cooling applied to aircraft alternator electrical windings	1969
19700083461	Composite materials and their applications in aeronautics	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083463	Supersonic rain and sand erosion research. Part 1 - Design, construction and operation of a Mach 3 rotating arm apparatus Summary report, 1 Jan. 1967 - 15 Jun. 1969	1969
19700083464	Supersonic rain and sand erosion research Part 2 - Mechanistic investigation of rain erosion Summary report, 1 Jan. - 1 May 1969	1969
19700083465	Increased terrain clearance plane capability APQ-99, RF-4C aircraft /U/ Final report	1969
19700083477	Low signature demonstration motor technology program /U/ Final report, Sep. 1968 - Sep. 1969	1969
19700083487	Research on photoconductive beam scanning pickup tubes /U/ Interim technical report, 16 Mar. - 15 Sep. 1969	1969
19700083494	Multi-mission aircraft radar display subsystem survey and preliminary specification /U/ Interim report, Nov. 1967 - Mar. 1969	1969
19700083497	Fabrication and evaluation of graphite fiber reinforced polyimide composites Technical report, Feb. - Aug. 1968	1969
19700083518	Integral helicopter cargo restraint system	1969
19700083519	Aircraft Load Alleviation and Mode Stabilization /LAMS/ flight demonstration test analysis Final technical report, Jun. 1966 - Dec. 1968	1969
19700083521	Target Signature Analysis Center - Data compilation, supplement	1969
19700083530	High temperature tirecord adhesives Technical report, Jan. 1966 - Dec. 1967	1969
19700083532	Development of hardened magnetic-field sensors /models CML-1A, 1B, and CML-2A, 2B/, volume 2 Technical report, 30 Jun. 1965 - 5 Jun. 1967	1969
19700083534	Project Themis - A center for remote sensing Semiannual technical report, Apr. - Sep. 1969	1969
19700083537	A bibliography of radar reflection characteristics, volume 11, part 1 Technical report, 1965 - 1966	1969
19700083538	Study of hydrazine reactor vacuum start characteristics	1969
19700083539	Development and characterization of high temperature coatings for tantalum alloys Final technical report, 1 Jun. 1966 - 31 Dec. 1968	1969
19700083542	Variable current limited multipliers Final report, May 1968 - Jan. 1969	1969
19700083543	Applications of meteorological satellite high resolution infrared and television observations to cyclogenesis prediction Final report, 25 Jun. 1968 - 24 Jun. 1969	1969
19700083544	Ribbon reinforcements in composites	1969
19700083545	Head-up display set AN/AVQ-15V Final engineering report, 9 Sep. 1965 - 1 Sep. 1969	1969
19700083546	Simulation research to develop objective meteorological prediction capability Semiannual report, 15 May - 16 Nov. 1969	1969
19700083547	Feasibility study for the sensing and amplification phases of a fluidic control system for an aircraft ejection seat Final report, 30 Jul. - 31 Dec. 1969	1969
19700083548	Sensitivity of fatigue damage calculations to the stress increment size and digital resolution of load factor data Final technical report, 1 Feb. - 1 Apr. 1969	1969
19700083553	Silicon-nitrogen polymers for high temperature protective coatings Technical report, Jan. - Dec. 1967	1969
19700083554	Turbine inlet temperature measuring system, volume 1 Final report, Jun. 1966 - Jun. 1969	1969
19700083555	Thermodynamics of titanium alloys. Part 3 - The titanium-molybdenum system Technical report, Jul. 1966 - Jun. 1969	1969
19700083559	Procedure for cleaning oxygen demand regulators	1969
19700083562	Meteorological data report - 11620T Lance missile no. 3103, round no. 73 /10 December 1969/	1969
19700083563	Graphite fiber-resin composite structure study Final technical report, May 1968 - Apr. - 1969	1969
19700083565	Improvement in the influence coefficient method of missile design for wind shear loads by modification of the wind data used Final report, Nov. 1968 - May 1969	1969
19700083566	Gridded amplifier tubes for pulsed C-band frequencies Final report, Sep. 1965 - Aug. 1969	1969
19700083568	Thermoelectric air conditioner performance improvement investigation Final report, 1 Jul. 1965 - 15 Oct. 1968	1969
19700083569	Spatial decay in the response of damped periodic structures Summary report, 1 Sep. 1968 - 30 Aug. 1969	1969
19700083573	Black and white film for color photography Final report, 1 Oct. 1968 - 1 Nov. 1969	1969
19700083575	Official qualification test of the Hamilton Standard JFC 26 fuel control, P/N 725777-3/21864 for the General Electric T58-16 engine	1969
19700083576	Proceedings of the V/STOL Technology and Planning Conference. Volume 1 - Introductory session, session 1, session 2	1969
19700083577	Proceedings of the V/STOL Technology and Planning Conference. Volume 2 - Session 3, session 4	1969
19700083579	Prototype laser cloud height ranging set - Final test and evaluation	1969
19700083580	Fabrication and testing program for an infrared detector-electronics subsystem, volume 1, phase 2 Final report, 17 Apr. 1968 - 14 Nov. 1969	1969
19700083581	Bulge in hollow disk forging Technical report, Jun. - Aug. 1969	1969
19700083583	System design considerations for decision- theoretic antenna processing systems	1969
19700083584	Evaluation of methods used in heat sealing thermoplastic coated fabrics	1969
19700083585	Entropy of information fields and effects of communications errors on legibility. Part A - Theory and methodology Research report, Jul. 1968 - Jul. 1969	1969
19700083586	Molecular electronics for radar applications Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083587	Progress under the Pennsylvania-Princeton Army avionics research program Annual technical report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700083588	Manufacturing methods for aircraft tires by filament-winding techniques, part 1 Final technical report, 1 May 1967 - 30 Jun. 1969	1969
19700083593	An investigation of the forces of flat plates in turbulent flow	1969
19700083594	The effect of varying degrees of height control on the speed and height response of an aircraft to atmospheric turbulence	1969
19700083595	The effect of mean stress on fatigue crack propagation in half inch /12.7 mm/ thick specimens of aluminum alloys DTD 5050 and DTD 5090	1969
19700083596	The Weapons Department, RAE, air-to-surface target acquisition film library. Part 1 - Collection and assessment of film material	1969
19700083597	High strength-high modulus carbon fibers Technical report, 1 Mar. 1968 - 28 Feb. 1969	1969
19700083599	A new design for laser safety goggles	1969
19700083600	Aerial very heavy lift concepts for the 1990 Army. Volume 3 - Academic and industrial presentations Final report	1969
19700083601	Some notes on an approximate solution for the free oscillation characteristics of non-linear systems	1969
19700083603	Nonequilibrium continuum theory of spherical electrostatic probes at large Debye number	1969
19700083607	Gallium arsenide laser rangefinder performance	1969
19700083610	Development of a 250 ampere transcaent rectifier Interim technical report, 28 May - 31 Oct. 1969	1969
19700083611	Far field pattern measurements of truncated laser beams Interim report	1969
19700083614	The veil of secrecy is lifted	1969
19700083616	A production engineering measure for traveling-wave tubes Quarterly report, 19 Aug. - 30 Nov. 1969	1969
19700083618	Investigation of mechanism of corrosion inhibition on aluminum alloy surfaces by chromate conversion coatings	1969
19700083621	Wind-tunnel test, at high advance ratios, of the Hughes rotor/wing aircraft model /series X/ with wing flaps	1969
19700083631	The measurement of particle sizes and their distribution in the condensation nuclei counter Quarterly progress report, Aug. - Nov. 1969	1969
19700083632	First general surveillance of Sidewinder 1-C Mark 6 Mod 1 gas generator	1969
19700083634	BLM-143A Ku beacon magnetron production engineering measure, volume 2 Final report, Apr. 1966 - Jun. 1969	1969
19700083636	The use of torsion tubes to approach the ideal constant force maintenance-free restorable shock mount	1969
19700083638	Hydromagnetic technology of aircraft control devices	1969
19700083640	Experimental determination of collision cross sections for momentum transfer Final scientific report	1969
19700083641	Development of a heavy duty, water vaporproof, flexible barrier material for reusable aircraft engine containers	1969
19700083642	Compatibility of MIL-C-006799D/AS/, type 2 coating systems with painted substrates	1969
19700083646	Experimental investigation of simplified OMEGA navigation using a CDI reference	1969
19700083653	Evaluation of advanced gear materials for gear boxes and transmissions Final report, 29 Aug. 1968 - 28 Aug. 1969	1969
19700083655	Evaluation of mechanical servo-actuator for flight control systems Final report	1969
19700083656	An advanced fabrication technique for glass fiber reinforced plastic primary aircraft structures Final report, Jul. 1967 - Jun. 1969	1969
19700083660	Magnetic flyer combined response testing of composite specimens Technical report, Jun. 1968 - May 1969	1969
19700083663	Pressure recovery performance of straight- channel, single-plane divergence diffusers at high Mach numbers Final report	1969
19700083664	Evaluation of colored self extinguishing /GE/ polystyrene foam container Research and development report	1969
19700083669	Some fluid-dynamics considerations relating to the preliminary design of combat aircraft	1969
19700083671	Assessment of Genie smoke generator as an aid in aircraft pressure cabin leak detection	1969
19700083674	Plane-strain fracture-toughness data for selected metals and alloys	1969
19700083675	Analysis of hot cycle tip-driven drone	1969
19700083676	Uncertainty, social complexity and professionalization - The context of organized inquiry and action /chapter one of monograph/ Research and development - Organized inquiry and action	1969
19700083677	Organization of inquiry and action - A structure-process view /chapter two of monograph/ Research and development - Organized inquiry and action	1969
19700083678	From structure-process to role exchange systems /chapter three of monograph/ research and development - Organized inquiry and action	1969
19700083680	Production engineering of ferrite cores for RF application Quarterly report, Jul. - Sep. 1969	1969
19700083681	Pershing P1a alignment system task Summary report, Oct. 1968 - Oct. 1969	1969
19700083685	Investigation of electro-optical techniques for controlling the direction of a laser beam Interim report	1969
19700083688	Design and evaluation of a diver-controlled monopropellant hydrazine gas generator buoyancy system Technical publication, Feb. 1968 - Feb. 1969	1969
19700083689	Classification of materials by shock properties Technical report, May 1967 - Mar. 1969	1969
19700083690	OVI-10 thermal control coating orbital experiment Technical report, Jul. 1966 - Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083694	An investigation of the influence of solid solution hardening on crack propagation in titanium alloys Final scientific report, 1 Oct. 1966 - 30 Jun. 1969	1969
19700083696	Evaluation of acoustic liners in 35,000 LBF thrust storable propellant rocket engines Final report, Nov. 1965 - Sep. 1967	1969
19700083697	Development of improved cutting tool materials Final technical report, Jun. 1966 - Jun. 1969	1969
19700083698	Phase stability and solution strengthening of solid solution phase titanium alloys Technical report, Jul. 1966 - Jun. 1969	1969
19700083699	Silver-zinc missile power supply Final technical report, Jul. 1965 - Dec. 1969	1969
19700083701	High temperature pressure transducers Final report, 3 Mar. - 15 Jul. 1969	1969
19700083703	Evaluation of a heat-flux measurement system	1969
19700083704	Crew station geometry and equipment evaluation for USAF aircraft Final report, Sep. 1968 - Nov. 1969	1969
19700083705	Ionospheric morphology, phase 2 Final technical report, 15 Sep. 1968 - 15 Sep. 1969	1969
19700083708	Ion implantation doping technique Final report	1969
19700083711	The thermal cycling behaviour of unidirectional carbon fibre reinforced plastics	1969
19700083712	Development of a fluoric attitude gyroscope Final report, 1 Jan. - 1 Sep. 1969	1969
19700083713	A survey of advanced energy conversion systems and their applicability to Army aircraft propulsion requirements Final report	1969
19700083714	T58 engine component improvement programs Engineering progress status report, 1 Jan. - 31 Dec. 1969	1969
19700083718	Decay of plane magnetohydrodynamic and gas dynamic shocks in an ideal gas Final report, Oct. 1968 - Nov. 1969	1969
19700083721	Induced rolling moment characteristics of the M557A streamline bomb at mach number 0.50	1969
19700083722	Developments in subsonic lifting surface theory	1969
19700083724	A parameter study of some factors affecting angle of projection for maximum range of a projectile	1969
19700083725	Stability characterization of refractory materials under high velocity atmospheric flight conditions, part 2. Volume 1 - Facilities and techniques employed for characterization of candidate materials Technical documentary report, Apr. 1966 - Jul. 1969	1969
19700083726	Stability characterization of refractory materials under high velocity atmospheric flight conditions, part 2. Volume 2 - Facilities and techniques employed for cold gas/hot wall tests Technical report, Apr. 1966 - Jul. 1969	1969
19700083727	Stability characterization of refractory materials under high velocity atmospheric flight conditions, part 2. Volume 3 - Facilities and techniques employed for hot gas/cold wall tests Technical documentary report, Apr. 1966 - Jul. 1969	1969
19700083728	Stability characterization of refractory materials under high velocity atmospheric flight conditions, part 3. Volume 1 - Experimental results of low velocity cold gas/hot wall tests Technical documentary report, Apr. 1966 - Jul. 1969	1969
19700083729	Stability characterization of refractory materials under high velocity atmospheric flight conditions, part 3. Volume 2 - Experimental results of high velocity cold gas/hot wall test Technical documentary report, Apr. 1966 - Jul. 1969	1969
19700083731	Test fixture for rectangular plates in post buckling range	1969
19700083742	A human factors and design review and analysis of current aircraft cockpit thermal protective closure systems	1969
19700083744	Research on tropical rainfall patterns and associated mesoscale systems	1969
19700083747	Formation flight task - Position control of helicopters in formation flight	1969
19700083754	Project Pacer Tack. Volume 1 - Summary Final report, Oct. 1968 - Mar. 1969	1969
19700083755	Project Pacer Tack. Volume 2, book 1 - Principal report Final report, Oct. 1968 - Mar. 1969	1969
19700083756	Project Pacer Tack. Volume 2, book 2 - Principal report /continued/ Final report, Oct. 1968 - Mar. 1969	1969
19700083757	Project Pacer Tack. Volume 2, book 3 - Principal report /continued/ Final report, Oct. 1968 - Mar. 1969	1969
19700083758	Project Pacer Tack. Volume 2, book 5 - Principal report /continued/ Final report, Oct. 1968 - Mar. 1969	1969
19700083759	Project Pacer Tack. Volume 2, book 6 - Principal report /continued/ Final report, Oct. 1968 - Mar. 1969	1969
19700083760	Project Pacer Tack. Volume 3, book 1 - Appendices A through L Final report, Oct. 1968 - Mar. 1969	1969
19700083761	Project Pacer Tack. Volume 3, book 2 - Appendix M. The Preliminary RLD Analysis Model /PRAM/ Final report, Oct. 1968 - Mar. 1969	1969
19700083762	Project Pacer Tack. Volume 3, book 3 - Appendices M, N, and O Final report, Oct. 1968 - Mar. 1969	1969
19700083763	Fourier analysis and compensation of wobbling errors of semikinematic theodolite axes	1969
19700083766	Integer, linear and nonlinear programming and iterative procedures and bounds for eigenvalues and complex matrices Summary progress report	1969
19700083768	Studies in thermal shock and retrace Final report	1969
19700083769	Experimental and projected performance data for the National Electronic Company, 470-ampere-RMS/2000-volt, high speed thyristor	1969
19700083770	High voltage pulse excitation of CO ₂ and CO ₂ -N ₂ lasers	1969
19700083771	Low-noise C-band transistor gain module Quarterly report, 15 Jun. - 14 Sep. 1969	1969
19700083772	Seismoprints	1969
19700083773	Analysis of evaporation losses in Mil-L-23699 lubricants under altitude conditions	1969
19700083774	Gunn oscillators with slightly inhomogeneous doping profile Interim report	1969
19700083778	Collision integrals for displaced Maxwellian distributions	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083782	The static and dynamic longitudinal stability derivatives of a 10 deg cone at transonic speeds - Supplementary data for the 55 percent center of gravity location	1969
19700083783	C-band ferrite phase shifter/driver modules Final report, 23 Jan. - 26 Dec. 1969	1969
19700083785	Engineering design handbook, experimental statistics. Section 4 - Special topics	1969
19700083786	Fluoroaromatic chemistry - Novel synthesis of perfluoroarylmagnesium compounds Technical report, Apr. 1966 - Mar. 1969	1969
19700083788	Performance of the DIDS mute/demute module in the presence of interference Final report	1969
19700083794	Charged particle gyro /U/ Final report, 14 Nov. 1968 - 14 Nov. 1969	1969
19700083799	Development of low-cost and low-risk domino propellants /U/ Final report, 15 Apr. 1968 - 15 Aug. 1969	1969
19700083800	Surveillance of Tartar rocket motor Mk 27 Mod 2 /U/	1969
19700083808	High burning rate extended environment solid propellants program /U/ Quarterly report, May - Aug. 1969	1969
19700083818	Measurements of reflection of 1.06 micron laser reiaition from an M-48 tank /U/	1969
19700083822	Indium antimonide detector array /U/ Final report, May 1968 - Aug. 1969	1969
19700083834	Crystal lattice doping studies of high energy propellant ingredients /U/ Final report, 1 May 1968 - 31 Aug. 1969	1969
19700083838	P-3C tactics and tactical employment manual /U/	1969
19700083840	Ceramic R and D programs. Part 2 - Army	1969
19700083843	Experimental investigation of bulk semiconductor instabilities for microwave application Final scientific report, 1 Feb. 1968 - 30 Jun. 1969	1969
19700083844	Summary of the sixteenth meeting of the refractory composites working group	1969
19700083845	Field dependent electron drift velocity for GaAs calculated by a Monte Carlo method	1969
19700083850	High-modulus glasses based on ceramic oxides Final report, 1 Jan. - 30 Nov. 1969	1969
19700083851	Application guidelines for hybrid microcircuits	1969
19700083853	Chemical Vapor Deposition /CVD/ barrel coating for refractory fasteners Final technical report, 1 Apr. 1968 - 1 Oct. 1969	1969
19700083855	Ionospheric data report, October 1969 Monthly data report	1969
19700083859	Airborne gravimetry program, volume 1 Final report, 27 Aug. 1965 - 30 Oct. 1968	1969
19700083860	Electrode-electrolyte interactions for magnesium anodes, meta-dinitrobenzene cathodes Semiannual report, 1 Jul. - 30 Dec. 1968	1969
19700083861	Thermodynamics of titanium alloys. Part 2 - The titanium-aluminum system Technical report, Jul. 1966 - Jun. 1969	1969
19700083862	Research and development of microwave tubes and devices Quarterly report, 1 May - 31 Aug. 1969	1969
19700083863	Production engineering measure for solid-state avalanche photodetectors Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700083865	New communications products exhibited at the 1968 Trade Fair in Poznan	1969
19700083866	Advancement of straight and spiral bevel gear technology Final technical report, 23 Feb. 1968 - 23 Jun. 1969	1969
19700083867	Avalanche current fluctuations in uniform diodes Interim technical report	1969
19700083870	Computers, communications and coherent optics	1969
19700083871	The computer in telecommunications	1969
19700083872	Adaptive communications systems	1969
19700083873	High frequency sounding systems	1969
19700083874	Satellite communications for defence	1969
19700083876	Project Pacer Tack. Volume 2, book 4 - principal report /continued/ Final report, Oct. 1968 - Mar. 1969	1969
19700083878	Solar proton observations at synchronous altitude during 1968	1969
19700083881	ORNL isotopic power fuels /U/ Quarterly report, period ending 30 Jun. 1969	1969
19700083889	Development of high-performance domino propellants /U/ Quarterly technical summary report, 20 Aug. - 20 Nov. 1969	1969
19700083891	Nuclear antirash shutter system for binoculars Final report, May 1966 - Oct. 1969	1969
19700083893	Testing parachutes from balloons	1969
19700083894	An HF high data-rate compressive spectrum analyzer	1969
19700083897	Pulse compression in radar	1969
19700083902	Apollo 11 guidance-navigation and control systems performance analysis report	1969
19700083907	Lunar Optical Rendezvous Subsystem /LORS/ phototype program Final engineering report	1969
19700083910	Big G - Logistics spacecraft system evolving from Gemini	1969
19700083913	Rendezvous radar quick look report H-1 mission	1969
19700083914	Computation of balance weight location for the IMP-I satellite	1969
19700083916	The effect of acceleration on the burning rate of double base rocket propellants	1969
19700083917	Engineering design handbook - Experimental statistics. Section 5 - Tables	1969
19700083921	Engineering model sensor for a meteoroid experiment Final report	1969
19700083924	Development of procedures for depotting electrical connectors on F-4 aircraft, part 1	1969
19700083925	Development of procedures for depotting electrical connectors on F-4 aircraft, part 2	1969
19700083927	Multikilowatt transmitter study for space communications satellites, volume 1, phase 2	1969
19700083933	Low angle tracking technique study Final report	1969
19700083934	Mass data storage system Final interim development report, 1 Sep. - 31 Dec. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083936	Apparatus for spraying thin films by the flash evaporation method	1969
19700083938	Apollo 12 30-day failure and anomaly listing report	1969
19700083939	LM Modification Study for Extended Lunar Staytime Final Report	1969
19700083941	Aviation turbine fuels. Part 1 - Morphology of deposits in aircraft and engine fuel systems. Part 2 - Development of turbine simulator for hot corrosion studies Final report, 1 Apr. 1968 - 31 Mar. 1969	1969
19700083944	Electroformed injector fabrication techniques Interim report, 1 Sep. 1968 - 26 Nov. 1969	1969
19700083946	Exact minimal-state system reliability analysis	1969
19700083947	Effects of the reentry plasma sheath on microwave antenna performance - Trailblazer 2 rocket results of 18 June 1967	1969
19700083954	Operational calibration curves. Volume 1 - Calibration curves for command service module CSM 109	1969
19700083964	Turbine inlet temperature measuring system, volume 2 /U/ Final report, Jun. 1966 - Jun. 1969	1969
19700083968	Nanosecond pulse radar. Volume 2 - Intermediate power radar system /U/	1969
19700083976	Inertialess circular array antennas. Volume 1 - Design and evaluation of three circular arrays for azimuthal scan /U/ Final report	1969
19700083990	Space communications Quarterly technical summary report, 1 Sep. - 30 Nov. 1969	1969
19700083992	Solar blind radiometer Final report, 1 Apr. 1967 - 18 Jul. 1969	1969
19700083997	VESIAC monthly bulletin of Vela Uniform research publications	1969
19700084000	Test firing of a supersonic split-line nozzle Technical report	1969
19700084001	Low-noise L-band amplifier production engineering measures study and implementation Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700084002	Test facilities handbook /eighth edition/	1969
19700084003	Design and demonstration of a passively heated ammonia vapor feed system Summary report	1969
19700084004	Canadian materials newsletter number 37	1969
19700084005	Applied Physics Division Progress report, 1 Apr. - 30 Jun. 1969	1969
19700084006	Canadian materials newsletter number 38	1969
19700084007	Properties of steel	1969
19700084008	AVR nuclear reactor technology and operations Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19700084010	Advanced Projects and Reactor Physics Division Progress report, 1 Apr. - 30 Jun. 1969	1969
19700084011	A survey of the mechanical properties of uranium alloys U-5Mo-3Nb wt. percent and U-3Mo-3Nb wt. percent	1969
19700084012	Analysis of impurities in sodium Monthly report	1969
19700084015	Area scanning spectral modulation studies Quarterly progress report, May - Jul. 1969	1969
19700084018	Effects of laser radiation on biological systems Progress report	1969
19700084019	Area scanning spectral modulation studies Quarterly progress report, Feb. - Apr. 1969	1969
19700084020	A Program for Airborne Radar Clutter Analysis /PARCA/	1969
19700084024	Ultra-reliable VHF-FM receiver-transmitter Quarterly report, 8 Jun. - 8 Sep. 1969	1969
19700084030	Aviation and astronautics engineering, number 7, 1968 /selected articles/	1969
19700084032	Engineering design handbook, environmental series. Part 1 - Basic environmental concepts	1969
19700084033	T58-GE-16 official 150 hour endurance test /sea level MQT/ engine serial number 297009-1 per military specification MIL-E-8595 and General Electric model specification E1105	1969
19700084035	Metadinitrobenzene-zinc cell performance in ammonia-methanol ammonium thiocyanate electrolyte	1969
19700084041	Fast stable convergence for gas turbine computer simulations	1969
19700084044	Materiel test procedure. Camera, copying, lithographic Final report	1969
19700084045	Major currents off the west coasts of North and South America	1969
19700084047	An investigation of packaging materials for binary chemiluminescent systems Final report	1969
19700084048	Research and development programs Quarterly progress report, 1 Oct. - 31 Dec. 1969	1969
19700084049	Theoretical investigation of acoustic surface waves on piezoelectric crystals Final report, 1 Dec. 1968 - 30 Nov. 1969	1969
19700084050	Analytic development of optimum astronaut procedures for use of the Air Force Space Navigation System in the manual mode Final report, 22 May 1967 - Dec. 1968	1969
19700084055	Evaluation of AN/AQS-13/13A sonar ground support equipment moving target indicators and multi-purpose records Final report, Nov. 1968 - Aug. 1969	1969
19700084056	Applications of cumulative damage in the preparation of parametric grain design curves and the prediction of grain failures on pressurization Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700084058	Technical evaluation of oscilloscope AN/USM-342 Final report, Jul. - Oct. 1969	1969
19700084059	Syntheses involving organometallic and organometalloidal compounds containing polyfluoro and polychloro substituents Annual technical report 15 Dec. 1968 - 15 Dec. 1969	1969
19700084063	Materiel test procedure. Ground station, geodetic, radio ranging Final report	1969
19700084064	Characterization of picture sharpness in photographs	1969
19700084067	Failure analysis of initially imperfect, axially compressed, orthotropic, sandwich and eccentrically stiffened, circular cylindrical shells Final report	1969
19700084068	High speed/high altitude launching of /A/ size sonobuoys and instrumented sonobuoy replicas Final report, Jan. 1967 - Jul. 1969	1969
19700084069	A method for preventing catastrophic failure in aluminum stressed skin panels	1969
19700084071	Materiel test procedure. Solar radiation tests Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084072	Evaluation of pyrolytic graphite coated rocket nozzle throat inserts /test nozzles 2 and 3/ Test report, 25 Apr. - 13 Jun. 1969	1969
19700084075	Materiel test procedure. Rain tests Final report	1969
19700084077	Materiel test procedure. Survey systems, airborne Final report	1969
19700084078	Impact ionization pumped laser in polar semiconductors Final report, 1 Jan. - 31 Dec. 1969	1969
19700084084	Summary of development of non-contact potentiometer from July 1968 - June 1969	1969
19700084085	First article testing of antenna coupler CU-1382D/FRR Final report	1969
19700084088	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Sep. - 30 Nov. 1969	1969
19700084089	Composite omega - Omega navigation using a combination of information from radiation at 10.2 and 13.6 kHz Research and development report, Mar. 1967 - Jan. 1968	1969
19700084092	Electron wave interaction in solids Interim technical report, 1 Sep. - 30 Nov. 1968	1969
19700084096	Report on navigation	1969
19700084097	Users manual. Volume 4 - Vehicle deformation program /NOSED/ Technical report, Jun. 1966 - Oct. 1967	1969
19700084098	A technique for display data transmission Research and development report, May 1968 - Sep. 1969	1969
19700084101	Flow molding as a method for fabricating metal matrix composites	1969
19700084103	Lightweight, high voltage power system. SHF airborne terminal Final technical report, 1 Apr. - 13 Dec. 1968	1969
19700084105	Methods of producing thin films	1969
19700084106	Detector surface shaping for optical heterodyning systems	1969
19700084107	Materiel test procedure. Immersion tests Final report	1969
19700084108	Interaction between high speed flows and transverse jets - A method for predicting the resultant surface pressure distribution	1969
19700084109	Evaluation of Goodyear all-bonded aluminum honeycomb landing mat Final report	1969
19700084112	A portable FM receiver for voice communication via synchronous satellite, June 1968 - October 1969	1969
19700084119	On the nature of hydrogen solubility in metals, October 1968 - February 1969	1969
19700084121	Mean fluid property distributions in axisymmetric compressible turbulent far wakes	1969
19700084124	Research on the electrochemical oxidation of hexang and its isomers Semiannual interim report, 16 May - 15 Nov. 1969	1969
19700084126	Development of high altitude clear air turbulence models Final report, 1 Oct. 1968 - 30 Sep. 1969	1969
19700084127	Researches in optimal transfer	1969
19700084128	Interlacing of multifrequency, multifunction intergrated arrays Research and development report, Dec. 1968 - Dec. 1969	1969
19700084136	Applied optics research report Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700084138	Exploration of space-time correlation functions	1969
19700084145	Effect of ionospheric depression on long-range communications at very low frequencies Final report, Jan. - Nov. 1969	1969
19700084154	Development of improved aircraft washing materials and cleaning procedures	1969
19700084155	A survey of the methods of testing the electrostatic sensitivity of solids	1969
19700084159	Nominal 48,000 Btu/hr /R-22/ high speed, 7700, rpm 208 VAC, three phase, 400 cycle model WHP-422H-48-208-3 /experimental/ compressor, task 1 Final engineering report	1969
19700084167	Microcircuit crystal oscillator Quarterly report, Sep. - Dec. 1969	1969
19700084168	Take off optimization for STOL aircraft and heavily loaded helicopters	1969
19700084169	Mutual coupling in cylindrical-array antennas Research and development report, Jan. - Jul. 1969	1969
19700084186	Performance characteristics of high temperature gas-fired mantle systems Final report, May 1968 - Aug. 1969	1969
19700084188	Electro-optical noncontacting techniques for sonic fatigue tests Final technical report, 1 Apr. 1968 - 1 Apr. 1969	1969
19700084190	T58-GE-16 official maximum torque qualification test engine serial number 297011-1. Per military specification MIL-E-8595 and General Electric model specification E1105	1969
19700084197	Determination of error limits on electron- density distributions derived from VLF/LF sounder data Research report, Apr. - Nov. 1969	1969
19700084201	VESIAC monthly bulletin of Vela Uniform research publications	1969
19700084203	Design definition study universal stall margin indicating system Final report, Mar. - Oct. 1968	1969
19700084208	Mathematical models for the prediction of air traffic controller workload	1969
19700084209	Correlation and evaluation of CH-47A flight spectra data from combat operations in Vietnam Final report	1969
19700084219	Dynamometer evaluation of continuous tape wound type 3 aircraft tires Final technical report, 2 Jan. 1968 - 29 Aug. 1969	1969
19700084220	An experimental study of the mechanical characteristics and uniformity of 18 by 5.5 rib and dimple aircraft tires Final technical report, Jun. 1967 - Dec. 1969	1969
19700084225	Component failure analysis report	1969
19700084228	Plasma anodization Final report, 27 Nov. 1967 - 30 Sep. 1969	1969
19700084230	Hydrocarbon-fueled scramjet. Volume 4 - Combustor investigation /U/ Final report, 1 Jul. 1966 - 1 Jul. 1968	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084231	Hydrocarbon-fueled scramjet. Volume 5 - cooling investigations /U/ Final report, 1 Jul. 1966 - 28 Feb. 1969	1969
19700084249	Flight and wind-tunnel tests on an aerodynamically compensated pitot-static head for the BAC-221 aircraft	1969
19700084250	The centre-section of a lifting swept wing in linearised subsonic flow	1969
19700084251	Evaluation of the transient response of a linear system excited by a random input	1969
19700084252	An experimental ILS precision calibrator for airborne use	1969
19700084253	Low-speed characteristics of waverider wings	1969
19700084255	Evaluation of electric propulsion beam divergence and effects on spacecraft Final report	1969
19700084257	The repeatability of strength of toughened and strengthened clear white plate glasses	1969
19700084258	Studies of redox equilibria at elevated temperatures. 1 - The estimation of equilibrium constants and standard potentials for aqueous systems up to 374 C	1969
19700084259	Fast neutron elastic and inelastic scattering of vanadium	1969
19700084279	High current density, short life cathodes for linear-beam tubes /U/ Interim report, 1 Nov. 1967 - 31 Jan. 1969	1969
19700084293	A method for assessing the effects of mutual interference on sonar detection performance	1969
19700084297	Apollo 11 30-day failure and anomaly listing report	1969
19700084299	Tactical reaction reconnaissance system studies /TACREACT/. Volume 2, part 3 - Visual system design development plan	1969
19700084301	CMG attitude control system development program. Volume 2 - Control moment gyro subsystem design, analysis and test Final technical report, 9 Sep. 1968 - 31 Oct. 1969	1969
19700084302	Category 2 testing of 487L survivable low frequency communications system, volume 2	1969
19700084308	Use of Non-imaging Sensors for Hazard Avoidance During Movement of the Lunar Roving Vehicle	1969
19700084318	Gradient methods in control theory. Part 3 - Sequential gradient-restoration algorithm, numerical examples	1969
19700084327	The hydrogen spectrum from 1100 angstrom to 5000 angstrom compared to deuterium, carbon dioxide, air, helium, argon, and krypton spectrum	1969
19700084331	Design and Develop Fast Scan Infrared Detection and Measuring Instrument Final Report, 19 Jun. 1964 - 30 Sep. 1968	1969
19700084333	Development of a prototype task board for metabolic and other experiments in space flight Final report	1969
19700084335	ATM program Final report	1969
19700084336	Delta-66 Intelsat 3 F-3 Final report	1969
19700084339	Aerobee NASA 4.283 CS and Aerobee NASA 4.136 DS /4 November 1969/ Meteorological data report	1969
19700084340	Ceramic research and development programs. Part 3 - Navy	1969
19700084344	Aerobee NASA 4.175 UG /4 December 1969/	1969
19700084345	Nike-Apache NASA 14.353 UG /4 December 1969/	1969
19700084346	Shock tests Final report	1969
19700084350	Ionospheric monthly data report	1969
19700084360	Spectroscopy and Solid State Quantum Electronics at Optical and Infrared Wavelengths	1969
19700084378	The approximation of diffraction central regions by Gaussians	1969
19700084379	Research on diffusion in centrifugal fields	1969
19700084380	Performance of a pyrolytic graphite- impregnated graphite felt nozzle insert fired with a fluorinated propellant /U/	1969
19700084381	Performance of an AGC-101 fibrous graphite nozzle insert fired with a fluorinated propellant /U/ Test report, Aug. - Oct. 1968	1969
19700084385	Hydrocarbon fuel cooling of gas turbine engines /U/ Interim technical report, 1 May - 1 Oct. 1969	1969
19700084391	Population distribution and air transport Technical report	1969
19700084392	A preliminary investigation of the glide path mode for the Hunter Mk 12 aircraft Technical report	1969
19700084397	Final report for contract N00024-68-C-1117, 1 Jan. - 31 Dec. 1968 /U/	1969
19700084401	Injector/chamber scaling evaluation - TRW injector development /U/ Phase report, Dec. 1968 - Feb. 1969	1969
19700084404	Fretting experiments carried out on Dragon heat exchanger components	1969
19700084409	The aerodynamic characteristics and initial conditions properties of a 20 mm flechette /depleted uranium/ at standard muzzle velocity /U/	1969
19700084411	Synthesis of new aliphatic explosive compounds /U/ Final report, 15 Nov. 1968 - 15 Sep. 1969	1969
19700084415	Analysis of a radar clutter processor /U/	1969
19700084416	Clutter reduction radar - Target and clutter characteristics /U/ Technical report, Oct. 1967 - Jul. 1968	1969
19700084423	Stellar sensor advancement /U/ Final technical report, Apr. 1968 - Nov. 1969	1969
19700084426	An investigation of the scatter in variable amplitude fatigue test results of 2024 and 7075 materials	1969
19700084428	Analytical sciences division Progress report, 1 May - 31 Oct. 1969	1969
19700084430	Changing field of electronics - A report on integrated circuits and related technologies Progress report, 1 Oct. - 31 Dec. 1969	1969
19700084433	Similarity theory of gust loads on aircraft. Development of discrete gust theory and introduction of empirical functions	1969
19700084434	The theoretical performance of statically loaded pairs of conical gas bearings	1969
19700084435	Zinc-nickel alloy electroplating for the protection of high strength steels	1969
19700084437	The thermal stability of aromatic polyimides. Part 2 - The effect of structural variations on the stability at 400 C in air	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084438	Rain erosion. Part 9 - An assessment of inorganic nonmetallic materials	1969
19700084439	Computation of equilibria of extensive games	1969
19700084440	Compilation of selected faults and lineaments that may be relevant to a study of seismic activity in southern Nevada and part of adjacent California	1969
19700084441	Decay heat rejection performance of the PFR thermal-syphon loops	1969
19700084442	The thermodynamic properties of UO ₂ and sodium	1969
19700084443	A simple model of fuel swelling in vibro-compacted carbide fuel pins	1969
19700084444	Fission product removal from the cover gas of a vented fuel FBR	1969
19700084445	Void formation in cladding and structural materials under irradiation	1969
19700084446	The automatic recording of instrument control data	1969
19700084452	Logistic spacecraft system evolving from Gemini. Big G Final oral briefing	1969
19700084460	Production of plutonium-containing samples for group 4b of FR-2 capsule irradiations	1969
19700084461	Design stress data on materials of interest	1969
19700084466	Chemistry and Materials Science Division Progress report, 1 Oct. - 31 Dec. 1969	1969
19700084467	Fast breeder project, Karlsruhe Quarterly report, 1969	1969
19700084468	Sodium pump design, 5000 cu m/h	1969
19700084471	TF41-A-1 engine, high and low temperature starting and acceleration test Final report	1969
19700084476	Fast breeder project, Karlsruhe Quarterly report, 1969	1969
19700084478	Qualification tests for aircraft lighting equipment /Grimes Manufacturing Company part no. G-5400-3, landing lights, retractable/ Final report, Nov. 1969 - Jan. 1970	1969
19700084484	NADC air-to-air combat simulation Final report	1969
19700084485	Developmental investigation of the Litton vibrarotor, model G500-1, two-degree-of freedom gyroscope Final report	1969
19700084487	Manufacturing methods for a 2-kW traveling wave tube Final report, 1 Mar. 1968 - 30 Jul. 1969	1969
19700084490	The upper and deep sound channel in the Northeast Atlantic Informal report	1969
19700084491	Analysis of water mass at Pacific Ocean Station Victor, 1964 - 1965 Data analysis report, Mar. 1964 - Jun. 1965	1969
19700084494	Synthesis of a new high-energy solid propellant oxidizer /U/ Final technical report, 1 Oct. 1967 - 30 May 1969	1969
19700084505	Follow-on hardened missile base nuclear power system study. Volume 2 - Appendices Final report, Jul. - Oct. 1969	1969
19700084506	Follow-on hardened missile base nuclear power system study. Volume 3 - Power system summary description Final report, Jul. - Oct. 1969	1969
19700084508	Investigation of radiation effects in semiconductors Scientific report	1969
19700084510	A thermoelectric environmental control unit Final report, 4 Mar. 1968 - 16 Jul. 1969	1969
19700084513	Culham Laboratory Annual report, Apr. 1968 - Mar. 1969	1969
19700084514	Heat transfer by thermal radiation and molecular conduction in a subassembly filled by a triangular grid of pins placed in a hexagonal wrapper	1969
19700084517	Holographic spectroscopy	1969
19700084523	Evaluation of relay, APN 11150654 Test evaluation report, 9 May 1968 - 14 Jan. 1969	1969
19700084526	Investigation of the robe technique for improved HF communication Final report	1969
19700084530	Analysis of fission products in PuO ₂ -UO ₂	1969
19700084536	A computer program for the interception of a re-entry body by a ground-launched interceptor Final report	1969
19700084539	Backscatter Mossbauer techniques applied to deterioration modes in metals Final report, 17 Apr. 1968 - 2 Aug. 1969	1969
19700084541	Studies on Frustrated Multiple Internal Reflection /FMIR/ detection system Quarterly progress report, Aug. - Oct. 1969	1969
19700084543	Determination of winds and other atmospheric parameters by satellite techniques. Volume 1 - Summary	1969
19700084544	Determination of winds and other atmospheric parameters by satellite techniques. Volume 2 - Potential needs for determination of atmospheric parameters	1969
19700084545	Determination of winds and other atmospheric parameters by satellite techniques. Volume 3 - Techniques for determining winds and other atmospheric parameters	1969
19700084546	Determination of winds and other atmospheric parameters by satellite techniques. Volume 4 - Physics of the atmosphere	1969
19700084547	Pre-flight certification report for valve, manual operated Calmec part number 1045, MSFC 20M32042	1969
19700084550	Applied Science Division Progress report, 1 Oct. - 31 Dec. 1969	1969
19700084552	Calculation of fission product release from a power reactor	1969
19700084553	Fuels and Materials Division Progress report, 1 Oct. - 31 Dec. 1969	1969
19700084561	Advanced Projects and Reactor Physics Division Progress report, 1 Oct. - 31 Dec. 1969	1969
19700084562	Applied Physics Division Progress report, 1 Oct. - 31 Dec. 1969	1969
19700084563	An evaluation of nuclear calculational based on integral data of fast critical experiments	1969
19700084564	The study hydrocarbon fuel vapor phase deposits Quarterly progress report, 16 Nov. 1968 - 16 Feb. 1969	1969
19700084565	Refinement of reject criteria for UH-1 sonic analyzer Final technical report	1969
19700084567	Investigation of methods for determining the aerodynamic characteristics of magnus-rotor munitions from free-flight tests Final report, 20 Sep. 1968 - 20 Sep. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084571	Position disclosing effects - Materiel test procedure Final report	1969
19700084580	Correlation of results from void measurements in FT-36B using simplified mass transport theory	1969
19700084581	Hose assemblies fire Final report	1969
19700084585	Synthetic aperture helicopter radar experimental evaluation program Quarterly progress report, 1 Aug. - 31 Oct. 1969	1969
19700084589	High temperature sensors for small gas turbines Final report, Dec. 1967 - Jun. 1969	1969
19700084590	Preparation of PuO ₂ -UO ₂ by sol gel process	1969
19700084591	Application of gas lasers in measuring electron concentrations in plasma	1969
19700084595	Bulk procurement of new explosive compounds Final report, 15 Nov. 1968 - 30 Sep. 1969	1969
19700084597	A Preliminary Study of Atmospheric Density Measure by Means of Satellites, Appendices to Final Report	1969
19700084598	Results of ray tracing program using a real atmosphere profile, appendix 1	1969
19700084599	Remote sensing of the atmosphere by occultation satellites, appendix 2	1969
19700084600	Cloud variation with altitude, appendix 3	1969
19700084601	Using occultation to pin a pressure level in the atmosphere, appendix 4	1969
19700084602	A preliminary study of the model for the geopotential, appendix 5	1969
19700084603	Predicting the relative motion of two satellites using radio wave measurements of their separation distance, appendix 6	1969
19700084604	Errors in the estimate of the separation distance including both measurement and modeling errors, appendix 7	1969
19700084605	Solar and lunar perturbation in satellite motion, appendix 8	1969
19700084606	Sensing the earth's atmosphere with occultation satellites, appendix 9	1969
19700084608	Hot corrosion resistance of materials for small gas turbine recuperators Final report	1969
19700084612	A study of brittle rupture conditions in very high strength steels	1969
19700084614	Vibration tests, materiel test procedure Final report	1969
19700084615	Production engineering measure CR-/XM-69//U and CR-/XM-70//U Quarterly report, 16 Sep. - 16 Dec. 1969	1969
19700084617	The ionization of a gaseous medium by an intense laser beam	1969
19700084618	New developments in fiber optics	1969
19700084620	The influence of interference on transmission quality in PCM systems	1969
19700084621	Free vibrations of an articulated helicopter rotor blade	1969
19700084626	Aircraft wing structural concepts with improved ballistic damage tolerance, volume 2 Final technical report, Aug. 1968 - Aug. 1969	1969
19700084631	Intraocular effects on flash blindness. 2 - Parafoveal recovery	1969
19700084632	Checking the technical conditions of turbojet engines during operation	1969
19700084636	The correlation of graphite irradiations in the high flux reactor Petten and in high temperature reactors	1969
19700084643	Production engineering contract. Motor body metal parts for projectile 155 mm HE RA XM549 Final summary report, Jan. 1967 - Jun. 1969	1969
19700084644	Determination of linear burning rate of a solid propellant by a flow process method	1969
19700084647	Fire detecting systems, aircraft. Materiel test procedure Final report	1969
19700084655	Turbulent diffusion of small particles Final report, Aug. 1965 - Sep. 1969	1969
19700084656	Development of a model for mixing and combustion of a ducted particle-laden jet Final report	1969
19700084658	Transmitter range tests, materiel test procedure	1969
19700084659	Effect of fluid movement on external fuel tank separation characteristics Final report	1969
19700084670	Manufacturing methods for large high- temperature sandwich structures Interim engineering progress report, 16 Jun. - 15 Dec. 1969	1969
19700084672	Structure and reactivity of energetic chemical species Final report, 1 Nov. 1966 - 31 Aug. 1969	1969
19700084673	Fungus test Final report	1969
19700084674	Camera set, motion picture Final report	1969
19700084678	A preliminary design study of a quiet light observation helicopter Final report	1969
19700084679	Analysis of Apache wind tunnel free-flight data Final report, Nov. 1968 - Apr. 1969	1969
19700084683	Relation between emissivity and absorptivity	1969
19700084684	Quantum treatment of electrodynamics of semi- infinite electrically polarizable media	1969
19700084685	Calculation of absorptivity for body-centered cubic lattice	1969
19700084686	Absorption of light by surface plasmons	1969
19700084687	Collective effects in interband optical absorption	1969
19700084688	Theory of lattice absorption in III-V semiconducting compounds	1969
19700084689	Sunshine test Final report	1969
19700084690	Salt fog test Final report	1969
19700084691	Arctic environmental test of fixed wing aircraft Final report	1969
19700084715	Graphite-Teflon sealing material	1969
19700084717	Lubricating and servicing units Final report	1969
19700084718	Temperature tests Final report	1969
19700084722	Developmental investigation of the autonetics VM8 velocity meter Final report	1969
19700084723	Raman scattering in semiconductors Final report, 1 Oct. 1967 - 30 Apr. 1969	1969
19700084726	Present state and perspectives for further development of aircraft turbine engines	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084728	Low level carbon dioxide laser amplifier	1969
19700084731	Assistance with ASW radar tests Final report, 1 Jul. 1967 - 31 Dec. 1968	1969
19700084732	Computer Aided Radar Design /CARD/ Interim technical report	1969
19700084733	Research on a high energy non-aqueous battery system Final technical report, 1 Sep. 1967 - 31 Aug. 1969	1969
19700084739	Computer-to-computer SATCOM link Interim report	1969
19700084740	An indexing technique for storage and retrieval of unstructured verbal data Interim technical report	1969
19700084741	Design and development of miniature gating circuits /Minigates/ Final report	1969
19700084747	Stability analysis of axisymmetric shells Final report, 28 Jun. 1968 - 30 Sep. 1969	1969
19700084748	Rotornet payload delivery system Final report	1969
19700084751	Interfacial interaction in composite structures Final report, 20 Nov. 1968 - 19 Nov. 1969	1969
19700084753	Air drop operations - Personnel and individual equipment Final report	1969
19700084754	The 10 watt S band transmitter, model TR-2210 Final report	1969
19700084757	Large displacement analysis of axisymmetric shells Final report, 28 Jun. 1968 - 28 Jun. 1969	1969
19700084758	Production engineering measure for a 25 kW X-band traveling-wave tube Quarterly progress report, 1 Oct. - 31 Dec. 1969	1969
19700084767	General error tensor in a priori and a posteriori correlations	1969
19700084770	Birds Eye 4-69, 26 May to 15 June 1969	1969
19700084771	Research and development of an integrated servo actuator package for fighter aircraft Final report, 1 Apr. 1968 - 1 Nov. 1969	1969
19700084775	Orientation of small diameter discontinuous reinforcements for structural composites Technical report, Jun. 1967 - May 1969	1969
19700084779	Study of transient infrared radiation from semiconductor junctions Final report	1969
19700084780	Introduction	1969
19700084781	Theoretical study transient infrared radiation - A literature survey report, appendix A	1969
19700084782	Detectability of recombination radiation from silicon junctions, appendix B	1969
19700084783	IR detectors - Performance and comparative data, appendix C	1969
19700084784	Study of second breakdown using infrared techniques, appendix D	1969
19700084785	A germanium avalanche photodetector for 1.06 microns, appendix E	1969
19700084786	A study of radiation emitted from commercial germanium and silicon diodes, appendix F	1969
19700084787	Comparison of a germanium avalanche detector with the lead sulfide photoconducting cell, appendix G	1969
19700084791	The 2.75 inch FFAR cost reduction study. Project 1 - Automatic recycle of ELBA solvent	1969
19700084799	Dynamic machine tool testing Interim engineering progress report, 1 May - 30 Sep. 1969	1969
19700084803	The reconstruction of the MEDA 80 T computer on a program-controlled analog computer	1969
19700084808	Desert /field/ environmental testing of communication, surveillance, and avionic electronic equipment Final report	1969
19700084809	Explosive atmosphere tests Final report	1969
19700084822	Establishment of a poultry colony at high altitude	1969
19700084824	Analytical model of the extinguishment of controllable solid propellant motors Technical documentary report, Jun. - Sep. 1969	1969
19700084825	Arctic environmental test of rotary wing aircraft Final report	1969
19700084830	Characteristics of renal vascular resistance changes over the autorregulatory range in the isolated perfused kidney	1969
19700084849	Dynamic machine tool testing Interim engineering progress report, 1 Dec. 1968 - 30 Apr. 1969	1969
19700084850	Comparison of reliability allocation optimization methods	1969
19700084856	Instabilities in laser propagation in fluids Annual summary report, Nov. 1968 - Oct. 1969	1969
19700084865	Radioisotope power devices of the US Navy, volume 3, no. 4 Quarterly operating report, 1 Oct. - 31 Dec. 1969	1969
19700084867	Precise attitude estimation for an orbiting spacecraft Technical report, 1 Jan. 1968 - 31 Oct. 1969	1969
19700084871	An improved technique of stability testing in free flight at transonic speeds, applied to a non-lifting slender wing	1969
19700084872	Direct coupled electronic computer Final report, 8 May 1968 - 7 Jul. 1969	1969
19700084873	Integrated seismic research signal processing system Quarterly technical report, Nov. 1968 - Jan. 1969	1969
19700084875	Feasibility study of a liquid droplet detector and size analyzer Final report, Feb. - Sep. 1969	1969
19700084877	Development of manufacturing methods for the production of superconductive devices Final technical documentary report, 28 Jun. 1965 - 27 Jun. 1969	1969
19700084886	Fire extinguishers Final report	1969
19700084889	Investigation of parameters for helicopter operational recording	1969
19700084890	A relation between abrasive wear and the cohesive energy of materials	1969
19700084892	Turboshaft engine load absorption in US Navy overhaul test cells Final report, 1 Jul. - 31 Dec. 1969	1969
19700084893	Scatter in fatigue - Elements and sections from aircraft structures	1969
19700084895	Forward Air Controller /FAC/ visual training. Volume 1 - Analysis and specification of the essential elements of the FAC visual reconnaissance task	1969
19700084896	Cumulative damage in fatigue with particular reference to the effects of residual stresses	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084897	Manufacturing methods applicable to memory system for microcircuits Final report, 1 Jul. 1967 - 1 Aug. 1969	1969
19700084904	Experimental investigation of superconducting synchronous machines Final report	1969
19700084905	Submicro determination of aluminum, bismuth or copper in organometallic compounds	1969
19700084909	Some examples of RAE investigations of transition fixing effects on sweptback wings	1969
19700084911	Similarity theory of gust loads on aircraft development of Gaussian patch representation	1969
19700084912	An experimental investigation of the effect of thickness on the subsonic longitudinal stability characteristics of delta wings of 70 deg sweep-back	1969
19700084915	An assessment of miscellaneous materials and composites. Part 8 - Rain erosion	1969
19700084918	Twin-shaft and ducted-fan aircraft engines	1969
19700084919	Short notes - Spirocyclic esters of orthosilicic acid	1969
19700084920	Programs for automatically controlling the pre-set operation of aircraft turbine engines	1969
19700084921	Calculation of the induced downwash field on and off the wing plane for a wing with given load distribution	1969
19700084926	Evaluation of relay APN 11150657-1	1969
19700084928	Improved multifilament boron preimpregnated tapes and wide goods Final report, 1 Jan. 1968 - 20 Mar. 1969	1969
19700084937	Report on navigation /7th/	1969
19700084940	Production of dry process divalent silver oxide electrodes by continuous rolling Quarterly report, Sep. - Nov. 1969	1969
19700084954	Hybrid target missile IR emission /U/ Final report, 29 Oct. 1968 - 30 Jul. 1969	1969
19700084958	A theoretical study of heat conduction associated with laser-irradiated solids /U/ Interim report	1969
19700084971	Concerning point accuracy	1969
19700084972	The application of gas-liquid chromatography in the separation of ferrocene derivatives	1969
19700084973	The application of combined resonator in laser spectroscopy	1969
19700084982	The synthesis of new ionic interhalogen oxidizers /U/ Phase report, Jul. 1968 - Jul. 1969	1969
19700084990	Aircraft wing structural concepts with improved ballistic damage tolerance, volume 1 /U/ Final report, Aug. 1968 - Aug. 1969	1969
19700085006	Surface studies of photoemissive materials Quarterly progress letter, 22 May - 21 Aug. 1969	1969
19700085010	Production engineering measure. Microwave latching X-band three-port and four-port circulators and drivers Engineering report, 1 Jul. 1968 - 30 Sep. 1969	1969
19700085012	Model analysis for inversion processes in nonequilibrium flows. Part 2 - Steady flow model	1969
19700085017	Organic electrode processes - Reduction of nitroaromatics in liquid ammoniates and transmission and internal reflection spectroscopy at optically transparent electrodes Final report, 1 Feb. 1966 - 30 Aug. 1969	1969
19700085026	A synopsis of the Simplified Tactical Approach and Terminal Equipment /STATE/ Final technical report, Feb. 1966 - Dec. 1968	1969
19700085029	Tail segment/short-haul data-transmission studies Final report, Mar. 1967 - Nov. 1969	1969
19700085033	Seismic array studies Quarterly technical report, Aug. - Nov. 1969	1969
19700085045	Computer program systems for ADP management. Documentation standards	1969
19700085050	Investigation of fluidic display techniques	1969
19700085056	User's guide	1969
19700085068	Engineering evaluation of the Vanguard strike film viewer Final technical report, 21 Mar. - 2 Oct. 1969	1969
19700085071	Solid-state BWO modulator Research and development report, Apr. 1966 - Apr. 1969	1969
19700085072	Evaluation of the direct lift control system installed in the F-8C airplane Final report	1969
19700085083	Surface treatment and sensitization of semiconductor photocathodes Quarterly report, Oct. - Dec. 1969	1969
19700085084	Flight characteristics of the NH-3A compound helicopter with integrated control surfaces Final report	1969
19700085085	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft Interim engineering progress report, 1 Sep. - 30 Nov. 1969	1969
19700085087	Project Sea Sense, 1969 effects of stationarity and nonstationarity on synoptic temporal oceanic observations	1969
19700085093	Two-frequency selector module for radio muting-demuting Final report	1969
19700085095	Research and development on self-organizing control systems for air-launched missiles Final technical report, 17 Nov. 1968 - 16 Nov. 1969	1969
19700085096	Long-range ice outlook Antarctic /1969 - 1970/	1969
19700085106	Experiments with two-dimensional high surface mass transfer Final report, 1 Dec. 1968 - 30 Nov. 1969	1969
19700085125	Engineering study of colloid fueled nuclear rocket Final report, 15 Dec. 1966 - 15 Dec. 1969	1969
19700085132	Fundamental investigations of photoemission Quarterly report no. 2	1969
19700085138	Stabilized optical viewing devices for small boat use	1969
19700085148	The combustion of carbon and carbon phenolic, 1 January 1967 - 31 December 1968	1969
19700085158	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700085160	Light-scattering tables. Volume 3 - Attenuation, scattering and radiation- pressure coefficients, foreword and introduction	1969
19700085161	Free radicals for double-resonance study Final report, 1 Apr. - 30 Jun. 1969	1969
19700085168	Analysis of stiffened shells with cutouts Final report, 1 Jul. 1968 - 31 Aug. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085170	Photographic laboratory Final report	1969
19700085174	Extra flexible tactical cable Final report, 1 Jan. 1968 - 15 Aug. 1969	1969
19700085177	Signal processing techniques for sound ranging from correlation functions to target coordinates Interim report, 1 Jan. - 31 Oct. 1968	1969
19700085213	Flash unit, electronic Final report	1969
19700085214	Survival equipment /aviation/ Final report	1969
19700085217	The influence of the natural environment on MAD operations	1969
19700085220	Microwave high dielectric constant materials Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700085222	Fabrication and test of BA-498 battery Final report	1969
19700085223	Fabrication and test of BA-498 battery, appendix 1 Final report	1969
19700085224	Fabrication and test of BA-498 battery, appendix 2 Final report	1969
19700085225	Fabrication and test of BA-498 battery, appendix 3 Final report	1969
19700085256	Respirators Final report	1969
19700085257	Breathing apparatuses, self-contained air/ oxygen supply Final report	1969
19700085275	The 100-kW turboalternator study Final technical report	1969
19700085282	Aircraft/Stores Compatibility Symposium Proceedings, 1969. Volume 1 - General session	1969
19700085283	Aircraft/Stores Compatibility Symposium Proceedings, 1969. Volume 2 - Aeroelastic session	1969
19700085284	Aircraft/Stores Compatibility Symposium Proceedings, 1969. Volume 3 - Stability and control session	1969
19700085285	Aircraft/Stores Compatibility Symposium Proceedings, 1969. Volume 4 - Store separation session	1969
19700085286	Aircraft/Stores Compatibility Symposium Proceedings, 1969. Volume 5 - Performance and loads session	1969
19700085287	Aircraft/Stores Compatibility Symposium Proceedings, 1969. Volume 6 - Experimental session	1969
19700085300	A slide rule for predicting convergence zones /U/	1969
19700085308	Thermally stable finishes for glass fiber reinforced polyaromatic resin laminates. Part 4 - Synthesis of coupling agents and formulations compatible with polyimide resins Technical report, Mar. 1967 - Mar. 1969	1969
19700085314	Amplitude modulation with phased-array antennas	1969
19700085315	Advanced concept studies of aircraft flares and dispensing systems. Part 2 - Operational analysis and human factors affecting second generation flare illumination studies	1969
19700085317	Inorganic dielectrics research Summary report, Mar. 1946 - Jun. 1969	1969
19700085318	Calculation of prolate spheroidal functions for signal processing applications	1969
19700085325	Elimination and prevention of triboelectric charging of helicopters	1969
19700085329	Improved photocathodes Triannual progress report no. 1, 1 May - 31 Aug. 1969	1969
19700085340	The /GaAl/As electroluminescent diodes and injection lasers Semiannual report, 1 Mar. - 31 Aug. 1969	1969
19700085341	Hybrid piezoelectric devices Final report, 15 Nov. 1967 - 15 Aug. 1969	1969
19700085343	Effect of gas composition on power output of sealed-off CO ₂ laser	1969
19700085347	Submarine sonar manual /U/	1969
19700085357	Ion distributions in nitrogen and air wakes behind hypersonic spheres	1969
19700085364	Static test firing of two low-cost ablative nozzles on Minuteman solid propellant second stage motors /U/ Technical report, Jan. - Mar. 1969	1969
19700085366	Tactical radar program /U/ Quarterly progress report, 1 Aug. - 31 Oct. 1969	1969
19700085367	Fuels research for supersonic combustion /U/ Quarterly report, 1 Oct. - 31 Dec. 1969	1969
19700085384	FASOR 1 sound-speed predictions. Volume 1 - Technical report /U/ Research report, Jan. 1963 - Jun. 1969	1969
19700085415	Automatic malfunction analysis Final report	1969
19700085424	Evaluation of the prototype, natural-image computer	1969
19700085429	Processing, application, and evaluation of sealants for fuel tanks in advanced aerospace structures	1969
19700085443	The effects of acceleration on burning rates of nonmetallized composite propellants	1969
19700085467	Production engineering measure for subminiature feed-through ceramic dielectric capacitors Quarterly report, 1 Oct. - 31 Dec. 1969	1969
19700085477	Production engineering measure for high- reliability aluminum electrolytic capacitors Quarterly report, 20 Sep. - 20 Dec. 1969	1969
19700085487	The 2s and 2p excitations of hydrogen by proton and helium-ion impact. Short title - Ion-atom collisions	1969
19700085489	Long-range effects in the 2s and 2p excitations of hydrogen by proton and helium- ion impact. Short title - Ion-atom collisions	1969
19700085490	Approximations to the two-state impact- parameter treatment of heavy-particle collisions. Short title - Two-state approximations	1969
19700085492	Inclusion of higher state couplings in a multistate impact-parameter treatment of heavy-particle collisions. Short title - Heavy-particle collisions	1969
19700085494	Momentum eigenfunctions for hydrogenic atoms	1969
19700085498	Transition probability parameters for the fourth positive band system of carbon monoxide	1969
19700085499	Born wave cross-section calculations for the excitation of He/1 1S/ to He/N 1L/ by helium, neon, argon, and krypton	1969
19700085507	High power wideband UHF integrated circuits Quarterly progress report, 1 May - 31 Jul. 1969	1969
19700085509	The 2 1S and 2 1P excitations of helium by proton and electron impact. Short title - Helium excitations	1969
19700085514	Report on travel, United States LMFBR Coolant Technology Team, 15-25 September 1969	1969
19700085524	Multi-state impact-parameter treatment of hydrogen-helium excitation collisions	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085526	Single and double excitations in hydrogen- hydrogen collisions	1969
19700085527	Impact-parameter and wave equations for direct excitation and electron-capture processes. Short title - Excitation and electron capture	1969
19700085537	Proceedings of the Libby Cockcroft Exchange Meeting on In-Pile Measurements and Capsule Technology	1969
19700085538	Study of deployment/retraction techniques for flexible, roll-up solar arrays Final report	1969
19700085541	Pilot fabrication facility for sintered /U,Pu/O fuel	1969
19700085545	Optronic digital data storage study Final report, 28 May 1968 - 28 Oct. 1969	1969
19700085547	Calculation of Doppler effect and coefficient	1969
19700085550	Heat rejection systems for electrochemical equipment. Fuel cell heat rejection systems	1969
19700085551	The effect of variations in local gravity and of aircraft speed on the effective weight of aircraft in high performance cruise	1969
19700085555	A method of fitting Pearson type 3 curves to experimental data, with tables	1969
19700085556	Theoretical assessment of a method for the flight measurement of net engine thrust using towed drag devices	1969
19700085560	Load transfer via a wrinkled membrane	1969
19700085568	A method of simulating solar radiation through transparencies in cabin conditioning tests	1969
19700085569	Performance studies of a predictive self- adaptive pitch rate manoeuvre demand control system for a Hunter aircraft	1969
19700085570	Flight tests to investigate the problems of steep approaches by STOL aircraft	1969
19700085571	Lectures on the interaction of two free nucleons	1969
19700085577	Performance Tests for a Three-Axis Ring Laser Attitude Reference System /U/	1969
19700085579	Compatible Binder Research /U/ Final Report	1969
19700085602	Techniques for estimating launch vehicle parameters with an application to the Shillelagh Sheridan missile system /U/	1969
19700085608	Methods and guidelines to reduce launch cost, volume 1 Final report	1969
19700085611	Apparent superheats in sodium and potassium	1969
19700085612	Results of test on compatibility of neutron shielding materials with sodium, November 1966 - May 1969	1969
19700085613	Tests on rollers and pivots for in-sodium handling operations	1969
19700085618	Determination of lifetimes of metastable ions by field ionisation mass spectrometry	1969
19700085622	FASOR 1 sound, speed predictions, Volume 2 /U/ Data report, Jan. 1963 - Jun. 1969	1969
19700085626	Report of the study on optically pumped lasers and nonlinear optics /U/	1969
19700085636	Dynamics of solvent extraction systems, part 2 Progress report, 1 Oct. 1968 - 30 Sep. 1969	1969
19700085646	DC LAW test program /U/ Final report	1969
19700085664	The deformation of beta brass	1969
19700085668	Design considerations for operation of the Fast Flux Test Facility with fuel fission gas emission	1969
19700085670	FORTISSIMO - Hydraulic and thermal study	1969
19700085680	Development and advanced technology programs /U/ Memorandum report, 1 Oct. 1968 - 31 Mar. 1969	1969
19700085691	Study of Integral Launch and Reentry Vehicle System. Volume 4 - Appendix LO2/LH2 Reusable Rocket Engine Data /U/ Final Report	1969
19700085754	Accelerated aging of a high-burn-rate propellant containing alkyl ferrocenes /U/ Technical report, 1 Jun. 1968 - 30 Apr. 1969	1969
19700085755	An evaluation of prepyrolyzed plastics for rocket nozzle applications /U/ Final report, Jun. 1967 - Dec. 1968	1969
19700085772	Aerodynamic influence coefficients by the doublet lattice method for interfering nonplanar lifting surfaces oscillating in a subsonic flow, part 1 Final report	1969
19700085790	Modular nuclear vehicle study phase 4. Engine clustering study	1969
19700085791	Structure-functional relationships in human and high altitude adapted mammals hemoglobins Annual report, 14 Apr. 1968 - 14 Apr. 1969	1969
19700085795	A study of radiation induced emesis in cats Final report	1969
19700085796	Partial purification and properties of fructose-1,6-diphosphate aldolase from two thermophilic and a mesophilic clostridia	1969
19700085800	Modular nuclear vehicle study. Phases 4 and 5 - Engine design criteria	1969
19700085801	Modular nuclear vehicle study. Phases 4 and 5 - Summary and SRT requirements	1969
19700085805	Southwestern Ontario tornadoes, 17 April 1967	1969
19700085806	The use of numerical probability factors in public forecasts for the prediction of precipitation occurrence	1969
19700085807	Wavefront distortion caused by saturated anomalous dispersion in laser amplifiers	1969
19700085808	Monthly record. Meteorological observations in Canada, July 1969	1969
19700085809	Terrain-induced vertical velocities obtained using a direct method of stream-function computation	1969
19700085810	The loss of electrons and ions in irradiated oxygen	1969
19700085811	Cloud amount probabilities from the CAO isanabat prognoses	1969
19700085816	Aeronautical research laboratories annual report 1968-1969	1969
19700085817	Damage to windows in pulsed lasers	1969
19700085818	Verification of the USWB ESSA PE 36-hour forecast 1000-500 mb thickness pattern	1969
19700085825	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft Interim engineering progress report, 1 Mar. - 31 May 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085853	Comparison of measured admittances, current distributions and charge distributions with the PEP theory, King's three-term theory and Wu's long antenna theory	1969
19700085854	Polynomial-exponential-product theory for antennas in homogeneous isotropic media	1969
19700085857	Forward looking radar set AN/APQ-139 converter, signal data /MTI/, electromagnetic interference test report no. U 15-949380-d1 Qualification test report	1969
19700085876	Receiving antennas integrated with transistors Progress report, 1 Dec. 1968 - 30 Nov. 1969	1969
19700085881	Metric Maverick system. Volume 2 - Study report	1969
19700085882	Metric Maverick system. Volume 3 - Appendices	1969
19700085887	Aluminum hydride propellant shelflife /U/ Annual technical summary report, 15 Nov. 1968 - 15 Nov. 1969	1969
19700085895	Techniques applied to the in-process measurement of surface layer quality of semiconductors. Non-destructive determination of silicon dioxide film thickness Interim engineering progress report	1969
19700085896	Techniques applied to the in-process measurement of surface layer quality of semiconductors. The construction and application of an X-ray Berg-Barrett scanning camera Interim engineering progress report	1969
19700085901	Tests and evaluation of the AS-11A stereoplotter	1969
19700085902	Universal automatic map compilation equipment	1969
19700085913	Development of a volatile rust inhibitor compatible with non-ferrous metals	1969
19700085922	ADP analysis for the integrated facilities system, volume 7 Final report	1969
19700085923	Facility condition field test and impact analysis for the integrated facilities system. Volume 6, part 2 Final report	1969
19700085924	Phase 2B development plan for the integrated facilities system, volume 8 Final report	1969
19700085932	Evaluation of radio frequency filter, APN 11150775 Test evaluation report, 3 Mar. 1967 - 14 Mar. 1968	1969
19700085949	Electrocatalysis of oxygen reduction by the tungsten bronzes Semiannual report, 1 Mar. - 31 Aug. 1969	1969
19700085984	Horizontal array response of several wave number analysis methods	1969
19700085985	Radiation hardened o-otc zener diodes	1969
19700085996	Advanced development of Low Altitude Air Dropped Store /LAADS/. Volume 1 - General information /U/ Final report, 1 May 1967 - 31 Aug. 1969	1969
19700086037	Evaluation of wet slug tantalum capacitors with elastomer end seals	1969
19700086042	Corrosion inhibiting primers for aluminum alloys	1969
19700086046	An investigation of Southern Hemisphere weather patterns using ESSA satellite films. Summer season 1967/1968 Final progress report	1969
19700086047	The influence of the military requirement on the advanced aircraft design /U/	1969
19700086068	Multi-image correlation systems study. Quantitative evaluation of electronic multi-image processor Final supplementary report	1969
19700086085	Error probability for some product codes related to the Golay code	1969
19700086090	Experimental signal processing system, volume 1 Final technical report, 1 Nov. 1966 - 31 Jul. 1968	1969
19700086096	The effect of temperature on Mg and Na plus K ATPases	1969
19700086099	Operational test and evaluation of the ARD-19 UHF homing system Final report, Dec. 1968 - Dec. 1969	1969
19700086106	Research investigation of corrosion-resistant materials for electrochemical cells Interim report, 1 Mar. - 31 Aug. 1969	1969
19700086109	Study on thin electrode fuel cells Quarterly report, 1 May - 31 Jul. 1969	1969
19700086154	Further experimental results of an investigation of superconducting synchronous machines Final report	1969
19700086181	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Oct. - 31 Dec. 1969	1969
19700086189	A handbook of environmental tests and studies for Project ZAP	1969
19700086203	Research on dynamic response and adhesion failures of rain erosion resistant coatings Final summary report	1969
19700086213	Techniques applied to the in-process measurement of surface layer quality of semiconductors. /A study of the effects of gold diffusion on the structural perfection of IC fabrication wafers/ Interim engineering progress report	1969
19700086216	Analysis of axisymmetric base-pressure and base-temperature problem with supersonic interacting freestream-nozzle flows based on the flow model of Korst, et al. Part 2 - A comparison and correlation with experiment for cylindrical afterbodies	1969
19700086226	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 Oct. - 31 Dec. 1969	1969
19700086229	Large photocathode image intensifier with image motion compensation Final technical report, 1 Oct. 1968 - 1 Oct. 1969	1969
19700086233	Exploratory development of liquid elastomers as fabric coating compounds Quarterly interim progress report no. 1, 2 Apr. - 30 Jun. 1969	1969
19700086234	Evaluation of radio frequency filter, APN 11150543 Test evaluation report, 30 Mar. 1967 - 29 May 1968	1969
19700086238	Montana LASA data analysis techniques	1969
19700086250	Application of intelligent automata to reconnaissance Final technical report, 7 Aug. 1968 - 7 Nov. 1969	1969
19700086252	Data smoothing for enhancement of strapdown inertial system accuracy - Interpolative- predictive algorithms Final report	1969
19700086258	Transonic investigation of the separation characteristics of conformally carried weapons	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086259	Night vision crew served weapons sight /25 mm/, phase 2 Final technical report	1969
19700086271	Properties of isolated mucosal and serosal fractions of the turtle bladder	1969
19700086277	Guidance, navigation and control - Guidance and Navigation System Improvement Program /GNSIP/ Final report	1969
19700086282	Carbonic anhydrase in turtle urinary bladder mucosal cells	1969
19700086309	The physics of meteors and upper atmosphere relative to the activity during 1969	1969
19700086322	Systems component electromagnetic compatibility Quarterly report, 19 Aug. - 18 Nov. 1969	1969
19700086330	Exploratory development of liquid elastomers as fabric coating compounds Quarterly interim progress report no. 2, 1 Jul. - 1 Sep. 1969	1969
19700086335	Pave Arrow /U/ Final report, Feb. 1967 - Mar. 1969	1969
19700086337	Guided flight tests of the DRAGON antitank rocket /XM-47 system/ /U/	1969
19700086344	Techniques applied to the in-process measurement of surface layer quality of semiconductors. Non-destructive determination of carrier concentration in epitaxial silicon using a total internal reflection technique Interim engineering progress report	1969
19700086357	A study of the mechanical properties of heat treated uranium Mo-Nb-Zr-alloy	1969
19700086382	Developmental investigation of the Litton A-200D accelerometer Final report	1969
19700086400	Characterization of Aerojet-General Corporation candidate ZAP propellant ANP-3248-2 /U/	1969
19700086409	Angle-of-attack computation study Final report, 1 Dec. 1968 - 31 Jul. 1969	1969
19700086419	Rotornet sounding-rocket flight report of 10 July 1969 /U/	1969
19700086457	Gas laser CW detector /U/ Final report, Apr. 1968 - Apr. 1969	1969
19700086477	Maximum density aircraft spotting of CVA and CVS aircraft carriers, volume 2 /U/	1969
19700086491	Characterization of Thiokol Chemical Corporation candidate ZAP propellant TPH-3219 /U/	1969
19700086501	Lightning electrical hazards to flight vehicles Final technical report, May 1968 - Jun. 1969	1969
19700086502	Some explosive aspects of aircraft crash investigations	1969
19700086509	The physics of airflows and the design of aircraft	1969
19700086512	Low gravity propellant control using capillary devices in large scale cryogenic vehicles Quarterly progress report, 1 Oct. - 31 Dec. 1968	1969
19700086522	USAF stability and control Datcom	1969
19700086606	Preliminary study of particle size measurements using a multichannel analyzer	1969
19700086614	Civil aircraft airworthiness data recording programme - Special events related to airspeed control practices, February 1963 - February 1966	1969
19700086615	A computer program for the finite element analysis of a class of plate bending problems	1969
19700086617	The application of linear programming techniques in the design of optimum structures	1969
19700086618	The development of an electro-fluidic converter	1969
19700086619	Shockless flows with heat addition in two dimensions	1969
19700086692	On large and rapid wind fluctuations which occur when the wind had previously been relatively light	1969
19700086702	Space station program /MSFC-DRL-160 line item no. 2/ Monthly progress report, 1-30 Nov. 1970	1969
19700086719	Synthesis of high polymeric superconductor Final report, Nov. 1968 - Dec. 1969	1969
19700086730	Performance test of fixed composition resistors under pulsed overload conditions Final report	1969
19700086734	The influence of avionics on aircraft design	1969
19700086805	MBT 70 laser materials research and exploratory development Final technical report, 1 Aug. 1968 - 20 Aug. 1969	1969
19700086830	The strain energy and metastability of three- dimensional dislocation arrays Final report	1969
19700086831	The electronic structure of indium and other metals - Photoemission and optical studies	1969
19700086845	PGL laser materials research Final report, 29 Oct. 1968 - 29 Oct. 1969	1969
19700086863	Space station special emphasis task report /MSFC-DRL-160 line item no. 20/ Quarterly report	1969
19700086868	Comprehensive list of microwave tubes	1969
19700086871	Product improvement, detonator electric T77 Final report	1969
19700086888	C-119 /49 x 17/ main wheel tie bolt hole rework roll test	1969
19700086911	Infrared background data analysis program, volume 1 Final report	1969
19700086912	Infrared background data analysis program. Volume 2 - Appendices Final report	1969
19700086913	Model A-7E demonstration data report	1969
19700086915	A study to characterize a fully forgeable grade of fine-grained high-strength beryllium powder Final technical report, 15 Jan. 1965 - 14 Jan. 1969	1969
19700086933	Investigation of ultra high strength bulk glass Final report	1969
19700086944	Thermodynamics of titanium alloys. 1 - Development of a triple Knudsen cell and its use to study the activity of copper in the titanium-copper system Technical report, Jul. 1966 - Jun. 1969	1969
19700086954	Crack tolerating ability of high-strength biaxially stressed cylindrical pressure vessel containing a surface crack Final report	1969
19700086955	Coldweld hi reliability quartz crystal units CR-1018/UX and CR-65/UX Quarterly report, 25 May - 25 Aug. 1969	1969
19700086993	Minuteman 2 stage 3 aft dome/P91A1 nozzle control unit vibration test	1969
19700087009	The influence of grain refinement and titanium alloying additions on the mechanical properties of beryllium ingot sheet Technical report, Sep. 1968 - Dec. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087070	Analysis of VLF radio propagation in the earth-ionosphere waveguide and microwave analog experiments, appendix Final report, Dec. 1961 - Dec. 1968	1969
19700087071	Analysis of VLF radio propagation in the earth-ionosphere waveguide and microwave analog experiments Final report, Dec. 1961 - Dec. 1968	1969
19700087084	Study of an anechoic fiber glass wedge shock attenuation treatment using pressure gauges	1969
19700087085	The effect of reflected shock systems on hypersonic wakes	1969
19700087110	A study of the jet stretcher concept	1969
19700087116	Advanced fuel systems for ramjet-powered vehicles - Material screening Summary report, 30 Jun. - 31 Oct. 1969	1969
19700087124	Igniter materials handbook /U/	1969
19700087137	Minuteman 2, stage 3 aft dome/P91A1 nozzle control unit vibration test, volume 1 Final test data report	1969
19700087138	Minuteman 2, stage 3 aft dome/P91A1 nozzle control unit vibration test, volume 3 Final test data report	1969
19700087140	Zero field traveling wave maser using iron sapphire powder	1969
19700087180	Fundamental ignition study for material fire safety improvements Quarterly report	1969
19700087182	Extra flexible tactical cable Interim report, 1 Jan. - 30 Jun. 1968	1969
19700087183	Wide scale microammeters Final report, Apr. 1967 - Sep. 1968	1969
19700087197	Environmental research satellite-18 data reduction and analysis. Volume 2 - Data description and interpretation Quarterly report	1969
19700087202	Industrial and management engineering, mathematics, and computer science, volume 8 Research report, 1968	1969
19700087203	Aeronautical engineering, mechanical engineering, and materials engineering, volume 3 Research report, 1968	1969
19700087204	Mechanics, nuclear science, and physics, volume 4 Research report, 1968	1969
19700087205	On the stability of a cylindrical surface-film	1969
19700087206	Effects of environmental conditioning of the interface stresses arising from the shrinkage of polyester resins in glass fiber ring cells	1969
19700087210	Flash blindness protection relevant open research in the UK	1969
19700087211	On stability. Part 3 - The energy principle in MHD	1969
19700087212	On stability. Part 1 - General theory	1969
19700087218	An analysis of heat transfer during flow of an air/water mist across a heated cylinder	1969
19700087222	Vertical velocities induced by smoothed topography for Ontario and their use in areal forecasting	1969
19700087223	Electric potential gradient measurements from a radioactive collector at Meteorological Research Station Canadian meteorological research report	1969
19700087224	Spectral aspects of the use of an airplane as a vertical wind sensor	1969
19700087225	Meteorological observations in Canada Monthly record, Oct. 1969	1969
19700087226	Multi-directional booms for meteorological towers	1969
19700087239	Helmet-mounted sight/display applications. Volume 4 - Baseline HMS/D system Final report, Nov. 1968 - May 1969	1969
19700087241	On stability. Part 2 - Linear problems	1969
19700087270	Gear scuffing tests on the AOL IAE 3 1/4 in. centres gear rig using gears of EN26/EN30B material	1969
19700087273	Evaluation of beryllia ceramics for electronic applications Annual research report, 1 Nov. 1968 - 31 Oct. 1969	1969
19700087276	Multilevel interconnection technology for complex arrays of integrated circuits Annual report	1969
19700087280	Cadmium sulphide acousto-electric oscillator Annual report	1969
19700087287	Perspectives in oceanography, 1968	1969
19700087291	Manufacturing methods and technology study covering parameters for the application of electron beam welding Final report, 27 Jun. 1968 - 27 Jun. 1969	1969
19700087299	RTACF modifications to the ARM07 program	1969
19700087301	Critique of utility floats for the front wheels of Sikorsky helicopters	1969
19700087302	Comparative investigation of some pretreatments for steels which are to be coated /3d series/	1969
19700087303	Communication valve development Annual report, Oct. 1968 - Sep. 1969	1969
19700087304	Communication valve development Annual report, Oct. 1968 - Sep. 1969	1969
19700087305	Communication valve development Annual report, Oct. 1968 - Sep. 1969	1969
19700087308	Stimulated emission in the near field Research report, Jul. 1968 - Aug. 1969	1969
19700087318	ANCOVS - Active Night Covert Viewing System Interim technical report, 1 Apr. - 31 Oct. 1969	1969
19700087323	Verification of the real-time computing complex guidance entry program for Apollo 12, addendum	1969
19700087324	Apollo mission trajectory control program Bimonthly progress report, 1 May - 30 Jun. 1969	1969
19700087326	Luminary 1B ascent verification summary	1969
19700087335	Weapons effects studies. Volume 2 - Radiation effects on interceptor electronics	1969
19700087336	High-speed sequential decoder Final report	1969
19700087352	Detailed analyses for the base-pressure programs /TSABPP-1,2/	1969
19700087376	Microwave Device and Physical Electronics Laboratory Consolidated quarterly report, 1 Jan. - 31 Mar. 1969	1969
19700087377	Instruction book solid state S-band transmitter /Nimbus/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087393	Investigation of light weight, impact resistant, lamellar composites of titanium-clad beryllium for air breathing engine compressor blades Final technical report, 15 May 1968 - 1 Aug. 1969	1969
19700087416	HAST vehicle interface and integration engineering study Final report, May - Dec. 1969	1969
19700087433	Elastomeric and compliant materials for liquid rocket fuel and oxidizer application, part 3 Final report, 3 Mar. - 31 Dec. 1969	1969
19700087466	Space Shuttle Final Technical Report	1969
19700087497	Evaluation of the feasibility of numerically- controlled assembly compared to conventional methods Final report	1969
19700087514	SEC image intensifier vidicon development /U/ Final technical report, 7 Jan. 1966 - 6 Jun. 1968	1969
19700087525	Solid state vidicon /U/ Final technical report, 12 Dec. 1968 - 1 Sep. 1969	1969
19700087566	Multicolor electroluminescent display study Final report, 13 Jun. 1967 - 2 Apr. 1969	1969
19700087600	Descent propulsion system simulation, non- linear model	1969
19700087601	The Apollo entry guidance - A review of the mathematical development and it's operational characteristics	1969
19700087613	An investigation of annular aerofoils for turbofan engine cowls	1969
19700087630	Analysis of aerodynamic interference effects for bodies in close proximity to each other	1969
19700087631	Preliminary post launch SNAP-19 performance	1969
19700087647	A simulation of the low speed handling of the BAC 221 slender-wing research aircraft	1969
19700087651	Environmental research satellite-18 data reduction and analysis. Volume 3 - Detector counting rates, 17-23 June 1967	1969
19700087652	Automated derivatives using FORMAC	1969
19700087675	Comet Rendezvous Opportunities Interim Report	1969
19700087676	Joint active and passive sonar signal processing using arrays Technical report, Jun. 1968 - May 1969	1969
19700087694	Image intensifier-vidicon tube Final report, 1 Jan. - 30 Jun. 1969	1969
19700087723	Aircraft fueling system study	1969
19700087764	Airworthiness qualification substantiation report of the AH-1G Final report	1969
19700087772	A study of pulsed arc welding applied to aerospace alloys Final report, Apr. 1967 - Jun. 1969	1969
19700087807	Passive optical intercept simulator and active optical intercept simulator Final report, Jul. 1967 - Jun. 1969	1969
19700087819	High intensity thermal protection clothing study Final report	1969
19700087845	Propellant actuated devices engineering manual, revision	1969
19700087873	Feasibility study for a covert IR target marker /U/	1969
19700087906	Radar intercept simulator design Final report, Oct. 1968 - May 1969	1969
19700087979	Analysis supporting the Nimbus B project investigation of the IRIS B failure in orbit	1969
19700087983	Worst case dc stress analysis A1 preamplifier of the automatic control system signal processor	1969
19700087994	The ac circuit analysis of the A1 preamplifier of the automatic control system signal processor	1969
19700087995	Comparative analysis of the Nimbus B, Nimbus D, and Apollo telescope mount control systems, based on reliability assessments	1969
19700087998	High power CW carbon dioxide box laser Interim technical report, 1 Jul. 1966 - 31 Dec. 1969	1969
19700088003	Exploratory development of illuminating flares, phase 2 Final report, Jul. 1968 - Jul. 1969	1969
19700088004	Investigation of radiation effects in semiconductors Interim report	1969
19700088030	Report of the panel on separation of stores from aircraft	1969
19700088033	Metal oxide silicon/medium scale integrated circuit computer for coordinate transformation	1969
19700088040	Fabrication and test of coordinate transformation computer for large scale integrated circuits	1969
19700088097	Ratcheting caused by temperature changes in PFR fuel pins	1969
19700088109	Proposal to irradiate U3Si fuel elements clad in 0.45 mm zirconium alloy sheaths in boiling water	1969
19700088120	Water commissioning of the PFR primary circuit - A preliminary appraisal of fluid flow test work	1969
19700088122	Measurement of the U 235 fission cross- section in the resonance region and discussion of the normalization differences	1969
19700088135	Fluidics - The first ten years - A bibliography with indexes	1969
19700088145	The behaviour of radioactive impurities in DFR primary liquid metal coolant	1969
19700088149	Operational experience with a 6000 gal/min centrifugal pump in sodium at 400 C Final report	1969
19700088154	Development and test of flexible film coupon strips for use as a sampling technique Final report	1969
19700088163	Decontamination of sodium-logged holes and cracks	1969
19700088182	Systems performance and accuracy report Annual report	1969
19700088186	Post-irradiation examination of a defected Zircaloy-clad U3Si fuel element	1969
19700088187	Addendum to the proposal to irradiate enriched U3Si in NPD - Operation of the delayed neutron monitor system	1969
19700088188	Measurement of sheath surface temperature change due to surface deposits	1969
19700088189	Investigations on the detection of ramp perturbations in the outlet temperature of a subassembly	1969
19700088190	Investigations on an axial discharge used as preheater in a theta pinch apparatus for shock wave experiments	1969
19700088191	Proposal to irradiate a 4.07 inch i. d. cold- worked Zr-2.5%Nb pressure tube /U-2 Mk 13/ in the U-2 loop	1969
19700088195	Proposal to irradiate U3Si in a defected Zircaloy sheath in a trefoil configuration in pressurized water	1969
19700088196	Preliminary description of the ASB two-dimensional burnup program version of the Interatom program for the IBM 360/65	1969
19700088197	High burnup tests on power reactor fuels - Design report and hazards analysis for the experimental rod	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088207	ELDO-PAS task S 3 - Attitude control system. Third technical report on the ELDO-PAS nutation damper - Design caging device and nutation damper structure	1969
19700088210	Fast reactor programme Progress report, Jan. - Mar. 1969	1969
19700088214	Normal mode approach to the linear oscillations of a non-uniform plasma	1969
19700088224	Measuring the curve of sodium cleanup through a hot trap with an electrochemical oxygen-metering probe	1969
19700088228	Preliminary safety report on helium high- pressure loop /FR2 Project 26/	1969
19700088229	Creep and rupture behavior of alloy X8CrNiMoVNb 1613	1969
19700088243	Irradiation of VO ₂ PuO ₂ fuel rods for the SHTR in the FR-2	1969
19700088244	V-1 percent Ti-15 percent Cr or V-1 percent Zr-15 percent Cr cans in the primary sodium coolant circuit of a fast reactor	1969
19700088359	Vector miss distance indicator Final report, 28 Dec. 1968 - 17 Oct. 1969	1969
19700088388	Vibration and stage separation of the retrofit 2-3 interstage raceway, LGM-30F missile Final report	1969
19700088419	ILAAS task order 2, line item 11. ILAAS shakedown flights Final report	1969
19700088459	Dislocations in hexagonal crystals Final report, 1 Jul. 1966 - 31 Oct. 1969	1969
19700088558	Sound field computation by means of desk top computers	1969
19700088559	Development and decay of temperature gradients in the surface layer during phases A and A1 MILOC 65	1969
19700088560	A survey of literature on reflection and scattering of sound waves at the sea surface	1969
19700088574	Sky background measurement program Scientific report, Dec. 1968 - Nov. 1969	1969
19700088587	A detailed analysis of acoustic reflectivity in the Tyrrhenian abyssal plain	1969
19700088606	On the correlation functions in time and space of wind-generated ocean waves	1969
19700088609	Modifications to the SACLANTCEN Sphincter Corer, supplement	1969
19700088610	Linear-phase filters for a digital data- acquisition system used in underwater sound propagation experiments	1969
19700088611	Sound attenuation between 200 Hz and 10 kHz	1969
19700088614	Synthesis of the broadband directivity patterns of circular arrays	1969
19700088623	The Gibraltar buoy system	1969
19700088628	Removing the effect of the bubble pulses when using explosive charges in underwater acoustics experiment	1969
19700088629	Spatial observations of internal waves in the Strait of Gibraltar	1969
19700088643	Transmission of a radio-correlated low-audio and subaudio frequency signals through seawater	1969
19700088672	Pilot comments on the Iroquois Night Fighter and Night Tracker INFANT system after flight testing /U/ Consulting report	1969
19700088700	Special support for Saturn/Apollo utilizing MTF Quarterly progress report, 1 Feb. - 31 Aug. 1969	1969
19700088702	Effect of distributed energy release on rocket engine performance Quarterly progress letter, 15 Aug. - 14 Nov. 1969	1969
19700088703	Liquid phase reactions of hypergolic propellants Quarterly progress report for period ending 30 Nov. 1969	1969
19700088707	Simultaneous airborne and ground-based optical radar measurements of the lower atmosphere	1969
19700088708	Cryogenic research and development Progress report for period ending 30 Sep. 1969	1969
19700088712	Evaluation of lumped shell analysis method Final report, Apr. 1968 - Apr. 1969	1969
19700088713	Continuum and Orbital Heating Comparison Studies of Saturn Vehicles	1969
19700088716	Software development for the AMTRAN system	1969
19700088719	Suppression of combustion oscillations with mechanical damping devices Quarterly progress report, 1 Oct. 1968 - 31 Dec. 1968	1969
19700088720	Suppression of combustion oscillations with mechanical damping devices Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19700088725	Response to TRW PS-TRW-5-1 and IDEP VDI AF 031 March 1969, Maj. Class no. 361.87	1969
19700088747	Fuel cell systems reliability assessment Quarterly progress report, 8 Oct. 1966 - 8 Jan. 1967	1969
19700088750	Advanced injector concepts investigation Quarterly progress report, 1 Jan. - 1 Apr. 1969	1969
19700088751	Evaluation of lumped shell analysis methods Final report, Apr. - Dec. 1968	1969
19700088758	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Monthly report, 1-30 Nov. 1969	1969
19700088759	Space storable regenerative cooling investigation	1969
19700088764	Report of test on Sprague Electric Co. filter 79-11823-001	1969
19700088765	Evaluation for open metallization	1969
19700088769	Reliability verification test for electrical connectors used on the Poseidon missile program	1969
19700088773	An electrohydrodynamic dynamo with the constituents of a thunderstorm	1969
19700088774	Application of the Galerkin method in the design of stable liquid rocket motors Annual report, 1 Aug. 1968 - 31 Jul. 1969	1969
19700088779	Investigation of properties of high conductivity metals and alloys Monthly progress report, 1 Nov. - 1 Dec. 1969	1969
19700088781	Thrust chambers for space storables Monthly progress report, 1 Nov. - 1 Dec. 1969	1969
19700088783	Subcritical flaw growth in metal tanks Monthly progress report, 1-30 Nov. 1969	1969
19700088784	Metal tank fracture and design criteria Monthly progress report, 1-30 Nov. 1969	1969
19700088785	Cryogenic positive expulsion diaphragm Monthly progress report, 1-30 Nov. 1969	1969
19700088786	Low speed inducer for a rocket engine feed system Monthly progress report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088787	Interaction of the solar wind with the moon Semiannual status report, 1 Jun. - 30 Nov. 1969	1969
19700088788	TREE /Transient-Radiation Effects on Electronics/ handbook. Edition 2, revision 2	1969
19700088803	Qualification of sleeving, polyurethane for use in wooden round MSL Final report	1969
19700088804	Relief valve	1969
19700088805	MIL-T-27B group A, B, and C test data	1969
19700088806	Report of step stress test on 2d-00407-000 crystal oscillators	1969
19700088809	Preproduction test report ESED part no. 70-0080	1969
19700088810	IC logic gate, Quad 2 input	1969
19700088818	Preproduction test report ESED part no. 70-0084	1969
19700088819	Qualification testing of AN/SPG-55 transformers	1969
19700088820	Rectifier, silicon, plastic package, reliability evaluation /international rectifier IN4822/	1969
19700088823	Evaluation of Slater 1N4826 rectifier diodes	1969
19700088824	Alternate source qualification	1969
19700088825	Project versatile information processor /VIP/ Quarterly report, 1 Aug. - 1 Nov. 1969	1969
19700088828	Report of test of electrical surge arrester 373010-2	1969
19700088831	Qualification of Mica caacitor for I H missile Final qualification report	1969
19700088835	An investigation of oil distillation copying Final report	1969
19700088843	ATS-F magnetometer experiment Quarterly report, 1 Sep. - 30 Nov. 1969	1969
19700088844	Photochromic materials research for optical display Progress report, 1 Aug. - 31 Oct. 1969	1969
19700088845	Pressure sensing control Monthly report, 1 Oct. - 1 Nov. 1969	1969
19700088846	Jimsphere high resolution temperature sensor Final report	1969
19700088847	Manned space flight network mission planning forecast	1969
19700088848	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Oct. - 22 Nov. 1969	1969
19700088849	Protective coating system for a regeneratively cooled thrust chamber	1969
19700088850	Impeller clearance effects Monthly progress report, 1-30 Nov. 1969	1969
19700088851	Photothermoviscoelasticity	1969
19700088859	Transformer, pulse	1969
19700088860	lc, logic gate, dual-4 input	1969
19700088862	Properties of Kapton-insulated preformed aluminum conductors	1969
19700088863	Relay selection and application /SSFL/	1969
19700088865	Test report for no. HVD-6 ceramic disc capacitor	1969
19700088867	Single-film photography of adjacent high-and low-energy targets	1969
19700088868	Mathematical considerations of the system effectiveness measure	1969
19700088869	Stray energy electrical indicator	1969
19700088870	Evaluation of strain gage adhesives and waterproofings	1969
19700088871	Qualification of transformer, discriminator for use in improved Hawk missile Final report	1969
19700088872	Qualification of transistor NPN for use in I H /ICWAR Final report	1969
19700088883	Space storable regenerative cooling investigation Monthly progress report, 1-30 Nov. 1969	1969
19700088884	Quarterly progress report, 1 July - 30 September 1969	1969
19700088885	EMC study of space applications remote sensors, phase 2 Interim progress report, 10 Nov. - 10 Dec. 1969	1969
19700088886	Effects of tilt table studies on central and peripheral vascular dynamics - An impedance plethysmograph study	1969
19700088888	Qualification of transistor for wooden round missile use Final report	1969
19700088889	Qualification of transistor /p-n-p/ for use in HPI improved Hawk Final report	1969
19700088891	Development test of the pneumatic regulator MDAC-WD P/N1T16619-1	1969
19700088893	Bibliography on forgings	1969
19700088896	Experimental study of low-density nozzle flows Monthly status report, 1-30 Nov. 1969	1969
19700088897	Apollo Applications Program - RF Systems Frequency Analysis	1969
19700088899	Evaluation of Dearborn LP8 polycarbonate film dielectric capacitors for space flight applications	1969
19700088900	Evaluation of Collins Radio Company 526 /high reliability 'mic' series inductors for space flight-application/	1969
19700088901	Maximum allowable voltages for nickel-cadmium battery cells	1969
19700088903	Fungus resistance testing	1969
19700088904	Component failure analysis report	1969
19700088905	Low energy voltage spikes primary breakdown	1969
19700088906	Preproduction test report ESED P/N 70-0081	1969
19700088907	Test report for 926C393 sensitive switch	1969
19700088911	The investigation of solid helium three and other weakly magnetic systems with the aid of high magnetic fields at very low temperatures Final report	1969
19700088912	Space programs Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
19700088913	An experimental investigation of the flow of a high-velocity, high-density iron plasma in pipes and mufflers Final report, Mar. - Aug. 1968	1969
19700088914	A method of predicting and apportioning systems effectiveness estimators	1969
19700088915	Transistor, silicon, NPN, PNP, power, switching	1969
19700088916	Capacitor, fixed, glass dielectric	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088917	Transistor NPN, silicon switching	1969
19700088918	Screening test procedure for high strength quick acting fasteners	1969
19700088919	Automatic module fault isolation feasibility study, C-141 all weather landing system maintenance	1969
19700088920	Qualification of capacitor, fixed, mica for use in improved Hawk missile Final report	1969
19700088921	Evaluation test report of group a inspection and high temperature reverse bias	1969
19700088922	Booster, hydraulic pump	1969
19700088924	Qualification of capacitor, fixed, mica dielectric for use in I.H. missile Final report	1969
19700088925	Report of test on 13-00040 crystal	1969
19700088926	Performance evaluation of aluminum electrolytic capacitors	1969
19700088927	Report of test on 08-00677-000 band pass filter	1969
19700088928	Qualification test on NAVORD drawing 2465363, transicap	1969
19700088929	Qualification of transistor /NPN/ for use in ICWAR Final report	1969
19700088930	Reliability verification test procedure for LMSC part no. 2360743-4 1N9g2B, Zener diode	1969
19700088931	Qualification of transistor PNP for use in improved Hawk missile Final report	1969
19700088932	Integrated circuit, 16-BIT memory cell	1969
19700088933	Evaluation of general instrument as in alternate source for hybrid IF amplifier 161-0	1969
19700088941	Qualification test procedure and test report, on semiconductor, diode, rectifier	1969
19700088943	Transistor, NPN, silicon switching	1969
19700088944	Acceptance and screening	1969
19700088945	Qualification of semiconductor device, diode for use in HPI Final report	1969
19700088946	Connectors, electrical, mated pair, RF, removable solder type, miniature round, high temperature	1969
19700088947	C-5A reliability demonstration test report for engine starter and starter control valve	1969
19700088948	Qualification of transistor for use in high voltage power supply /HPI/ Final report	1969
19700088949	Motor, permanent magnet, 24 VDC 6800-1791	1969
19700088950	Microminiature variable capacitor	1969
19700088951	Reliability improvement program on X-band high power TWT and transmitter console Final report	1969
19700088953	Research and development programs Quarterly progress report, 1 Apr. - 30 Jun. 1969	1969
19700088956	Qualification of capacitor, fixed, ceramic dielectric Final report	1969
19700088957	Regulator, engine controls, hydrogen peroxide, 475 psig	1969
19700088960	Qualification test on resistors, fixed, film, insulated, style RL07	1969
19700088961	Coil, R. F., toroidal	1969
19700088962	Microminiature pinlite lamp L15-45	1969
19700088963	Qualification test of eletro-mechanical brakes	1969
19700088965	Qualification report for resistor per BUWEPS drawing 1820911	1969
19700088966	Qualification testing of AN/SPG-55B transformers and coils	1969
19700088967	Computer - comparator	1969
19700088968	Preproduction test report ESED P/N 70-0089	1969
19700088969	Qualification of R. F. coil for wooden round missile use Final report	1969
19700088971	Requalification test for MIS18734 operational amplifier	1969
19700088975	Qualification of transformer, radio frequency for use in wooden round missile Final report	1969
19700088976	Quaification of transistor for use ADP Final report	1969
19700088977	Reliability verification test procedure for LMSC part number 2360742-3 /1N752A/ Zener diode	1969
19700088978	Evaluation of motorola 1N5285, 1N5288, 1N5291, current regular diodes	1969
19700088979	Evaluation of TRW LVA 347A Low Voltage Avalanche diodes for space flight applications	1969
19700088980	Make before break sigma relay tester	1969
19700088981	Connectors, miniature printed circuit, Digi-Klips	1969
19700088988	Component failure analysis report	1969
19700088991	Zero-order data and time compression on simple Markov data	1969
19700088992	Attitude performance of the GEOS-2 gravity gradient satellite	1969
19700088995	SAS-A test procedure for the solar cell arrays	1969
19700088996	Engineering evaluation and life test studies on leach 10 ampere latching relay, type CL-A2B	1969
19700088999	Qualification of semiconductor device, diode for use in improved Hawk missile Final report	1969
19700089000	Flight component qualification results, Athena H /WSMR/ beacon transponder and battery box	1969
19700089001	Qualification report for capacitor per NAVORD drawing 2840976	1969
19700089002	Qualification of transistor /FET/ for use in ICWAR Final report	1969
19700089013	Bibliography on cobalt	1969
19700089014	Batteries, dry cell, 9V NEDA 1604 hyperbaric test	1969
19700089015	Qualification of capacitor, fixed, ceramic dielectric Final report	1969
19700089016	Hydraulic accumulator reservoir manifold assembly	1969
19700089017	Relay, armature, DPDT, 0.5 AMP, latching	1969
19700089019	Problems with transit nickel-cadmium batteries, their causes and cures	1969
19700089026	Dynamic environments testing on relay, 2 PDT-1A, sealed, 28 VDC latching	1969
19700089030	Evaluation of tape wound toroidal cores	1969
19700089031	Report of fungus test	1969
19700089034	Investigation of gas-augmented injectors Monthly progress report, Nov. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089035	Composite overwrapped metallic tanks Monthly progress report, 26 Nov. - 25 Dec. 1969	1969
19700089040	Qualification test of New England wirewound pot for 539D782	1969
19700089044	Binder model system to be used for determination of prepolymer functionality Quarterly report, 19 Aug. - 19 Nov. 1969	1969
19700089046	Space storable inter-regen design study Monthly progress report, 26 Sep. - 24 Oct. 1969	1969
19700089049	MIL-T-27B group A, B, and C test data	1969
19700089058	Report of test on board mount receptacles	1969
19700089059	Qualification of crystal, quartz	1969
19700089060	Fixed ceramic dielectric capacitors, per MIS14246 manufactured by Gucton Industries	1969
19700089061	Evaluation of capacitor, fixed, mylar for PAR usage	1969
19700089062	Rapid extraction - extruding mechanism	1969
19700089065	Strength analysis of titanium reinforced with unidirectional boron-epoxy	1969
19700089066	Qualification of field effect transistor for use in imp. Hawk H P I Final report	1969
19700089067	Qualification test of transistors	1969
19700089069	Weight take compensation for V/STOL wind tunnel testing	1969
19700089070	Auternate source qualification	1969
19700089071	Transistor evaluation - ST78D96-1	1969
19700089072	High current make and break testing	1969
19700089073	Partial qualification test procedure and test report	1969
19700089074	Evaluation of Monsanto MV10A visible light emitting diodes	1969
19700089075	Cycle testing of filament-wound pressure vessels Quarterly technical progress report, 26 Sep. - 25 Dec. 1969	1969
19700089076	Guidelines for reliable application and selection	1969
19700089086	Phase 2 HEUS motor Monthly letter status report, 30 Oct. - 5 Dec. 1969	1969
19700089087	Development of a molecular beam known pressure source system Final report, 13 Dec. 1967 - 31 Dec. 1969	1969
19700089088	Lightweight modular multilayer insulation Progress report, 1 Nov. - 30 Nov. 1969	1969
19700089089	Non-equilibrium properties of magnetoplasmas semiannual status report, 28 Feb. - 31 Aug. 1969	1969
19700089090	Propulsion system thermal design study Monthly technical progress report	1969
19700089091	Space storable inter-regen design study Monthly progress report, 24 Oct. - 21 Nov. 1969	1969
19700089092	Reactive stream separation photography Monthly progress report, for period ending 15 Dec. 1969	1969
19700089093	Radiation effects on liquid propellants Progress report	1969
19700089094	Extend the design criteria for the coaxial pintle injector to higher chamber pressures and to gaseous fuel Monthly progress report, 27 Sep. - 24 Oct. 1969	1969
19700089095	Spectroscopic observations of the planets Quarterly status report, 1 Jul. - 30 Sep. 1969	1969
19700089096	Progress report, 1 March - 1 September 1969	1969
19700089098	NASA general purpose structural analysis program /NASTRAN/ Quarterly report, 1 Jul. - 1 Oct. 1969	1969
19700089111	Results of the Second Saturn 1B Launch Vehicle Test Flight AS-203 /U/	1969
19700089121	Cryogenic tear tests of aluminum alloy sheet materials	1969
19700089125	The application of reliability methods and probability analysis to quantitative fluorescence microscopy	1969
19700089126	Qualification of capacitor, fixed, ceramic dielectric for use in improved Hawk missile Final report	1969
19700089127	Qualification of resistor, variable for use in improved Hawk missile Final report	1969
19700089130	Evaluation test of Motorola 2N3811 silicon dual transistor	1969
19700089132	Anaconda metal flex hose, vacuum jacketed 1 inch ID by 6 ft long model no. 83989	1969
19700089139	Translations on French nuclear, missile, space, and related military developments, no. 201	1969
19700089142	Fiber glass supports for cryogenic tanks Monthly activity report no. 6, 1-31 Oct. 1969	1969
19700089143	Terminal strength test on solitron S2N2034A /ECI-20-99004-001/	1969
19700089146	Translations on French nuclear, missile, space, and related military developments, no. 200	1969
19700089155	Apollo crew couch X-X foot cyclic impact strut assembly	1969
19700089158	Bibliography on aluminum	1969
19700089163	LM environmental control system performance following loss of sublimator	1969
19700089167	Service module electronic box Apollo high gain antenna	1969
19700089171	Cutter, reefing line, mechanically initiated	1969
19700089172	MIL-T-27B group A, B, and C test data	1969
19700089174	Preliminary background noise measurements on a low noise, low turbulence air supply	1969
19700089176	Reliability verification test for LMSC part number 2360752-1 2N2904A PNP switching transistor	1969
19700089179	Qualitative and quantitative evaluation of factors producing high efficiency welds with an out-of-vacuum electron beam welder	1969
19700089182	Strain relief on integrated circuit leads	1969
19700089185	Qualification of diode for use in high voltage power supply /HPI/ Final report	1969
19700089195	Qualification of dual transistor for use in wooden round missile Final report	1969
19700089196	Failure analysis tests on transistors type 2N4853	1969
19700089197	Test plan - Fluted core nose radome	1969
19700089198	Heat transfer effects of impinging air jets on an enclosed concave surface	1969
19700089199	Failure analysis of semiconductors from Polaris	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089200	Failure, analysis of semiconductors from SSB/N/ 620, 624, 625 surveillance program	1969
19700089204	Separation switch	1969
19700089205	Qualification of semiconductor device controlled rectifier for use in IH ground equipment Final report	1969
19700089213	Qualification of capacitor, fixed, ceramic dielectric Final report	1969
19700089214	Limited qualification of 111-043 Lenox-Fugle, Airco-Speer and Nytronics	1969
19700089215	Operation and instruction manual for electrical transient monitor	1969
19700089216	Status report, for the period 1 March - 31 October 1969	1969
19700089217	Quarterly progress letter, for the period ending 15 July - 15 September 1969	1969
19700089218	Fiber glass supports for cryogenic tanks Monthly progress report, 1-30 Sep. 1969	1969
19700089220	Investigation of flame front propagation Quarterly report, Jan. - Mar. 1969	1969
19700089221	Boron arsenide and boron phosphide for high temperature and luminescent devices Quarterly status report, 1 Jul. - 30 Sep. 1969	1969
19700089222	Radio beacon battery evaluation, Status report	1969
19700089223	Microminiature potentiometer	1969
19700089229	Summary of component test results 1968	1969
19700089232	Cast segment evaluation Quarterly technical progress report, 18 Mar. - 17 Jun. 1969	1969
19700089236	Reliability verification test for LMSC P/N 2360752-1, PNP switching transistor	1969
19700089241	Numerical analysis and computer program for the complete far wake	1969
19700089247	SPEED - Secure Photofax Equipment for Early Decisions. DIGIFAX 1, DIGIFAX 2, DIGIFAX 3, DIGIFAX 4, and DIGIFAX 5	1969
19700089248	Cycle testing of cryogenic expulsion bellows Monthly technical progress report, Nov. 1969	1969
19700089249	Extend the design criteria for the coaxial pintle injector to higher chamber pressures and to gaseous fuel Monthly progress report, 25 Oct. - 21 Nov. 1969	1969
19700089250	Pressure sensing control Monthly report, 1 Nov. - 1 Dec. 1969	1969
19700089251	Mixing and reaction phenomena of FLOX and propane Monthly progress letter, 27 Nov. 1969	1969
19700089252	Thermal Skin fabrication technology program Monthly report, 2 Nov. - 2 Dec. 1969	1969
19700089255	SAS-A, test plan for power subsystem	1969
19700089259	Growth of crystals of the ternary sulfides Quarterly status report, 1 May - 1 Aug. 1969	1969
19700089260	Diborane handbook Quarterly status report, 1 Sep. - 30 Nov. 1969	1969
19700089261	Effect of distributed energy release on rocket engine performance Monthly status report, 15 Nov. - 14 Dec. 1969	1969
19700089262	Low cost turbopumps study Monthly report, 1-31 Oct. 1969	1969
19700089263	Advanced feed system component interaction analysis Monthly status report, 30 Nov. 1969	1969
19700089265	Stability characterization of advanced injectors Monthly progress report, 1 Nov. - 1 Dec. 1969	1969
19700089266	Quarterly progress letter, for the period ending 15 July - 15 September 1969	1969
19700089268	Implosion and optical shield development C10D	1969
19700089269	Lot sampling tests of pico fuses	1969
19700089271	Lightweight modular multilayer insulation Progress report, 1-30 Sep. 1969	1969
19700089272	Evaluation test procedure for Teledyne relay, 422 series /magnetic latch/	1969
19700089274	Bibliography on extrusions	1969
19700089275	Bibliography on castings	1969
19700089276	The Mallard Project - International Mallard configuration management plan	1969
19700089280	An evaluation of the results of using Taers data as input to a repair-parts forecasting methodology	1969
19700089283	Instrumentation for the extraction of V/STOL stability derivatives	1969
19700089284	Reliability verification test for LMSC part number 2360743-4 /IN962B/, voltage reference diode	1969
19700089288	Alternate source qualification on resistors, variable, plastic, precision, single turn, trigonometric	1969
19700089289	Dry circuit relay tester	1969
19700089290	Qualification test for JAN1N3911 power diode	1969
19700089291	Requalification of Vanguard transformer 10121107 after part redesign	1969
19700089305	Basic factors controlling pest in high temperature systems Progress report	1969
19700089306	Manned space flight network study program Quarterly progress report, Jan. - Mar. 1969	1969
19700089307	Fiberglass supports for cryogenic tanks Monthly activity report no. 7, 1-30 Nov. 1969	1969
19700089308	Cavitation similarity studies at cryogenic temperatures with cryogenic liquids Monthly progress report, Nov. 1969	1969
19700089309	Oxygen difluoride/diborane technology vacuum ignition, phase 2 Monthly status report, 15 Nov. - 14 Dec. 1969	1969
19700089313	Is interstellar CN a valid thermometer for black body radiation at 3 degrees K /ques/	1969
19700089314	Development of a rocket-borne cryogenic air sampler and its application to upper atmosphere aerosol and trace gas research Quarterly status report	1969
19700089315	Surveyor results and the scale of variation of maria surface properties	1969
19700089316	A study of surface effects in gauges for ultrahigh vacuum pressure measurement Progress report, 1 Mar. - 31 Aug. 1969	1969
19700089318	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas pressure bonding process Monthly progress report	1969
19700089320	Investigation of advanced regenerative thrust chamber designs Monthly report, 16 Nov. - 16 Dec. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089327	Development of three-dimensional weaving process and equipment Technical report, 15 Jun. 1967 - 1 Jun. 1969	1969
19700089334	Far infrared rocket astronomy Progress report, 1 Jun. 1968 - 31 May 1969	1969
19700089335	Development of advanced materials for integrated tank insulation system for the long term storage of cryogenics in space Quarterly progress report, Oct. - Dec. 1968	1969
19700089336	Study of space station propulsion system resupply and repair Quarterly progress report, 1 Jul. - 1 Oct. 1969	1969
19700089337	Suppression of combustion oscillations with mechanical damping devices Quarterly progress report, 27 Jun. - 27 Sep. 1969	1969
19700089338	Study of the general mechanism of stress corrosion of aluminum alloys and development of techniques for its detection Quarterly report, 1 Dec. 1968 - 28 Feb. 1969	1969
19700089339	Cast segment evaluation Quarterly technical progress report, 18 Jun. - 17 Sep. 1969	1969
19700089346	Thermodynamic improvements in LH2 turbopumps Quarterly progress report, period ending 16 May 1969	1969
19700089347	Studies related to the surfaces of the moon and planets Quarterly status report, 1 Jul. - 30 Sep. 1969	1969
19700089348	Hydrodynamic supports system - Vertical damping model test and analysis, ER-14315	1969
19700089349	Evaluation and application of data from low-gravity orbital experiment Quarterly progress report, 20 Nov. 1968 - 30 Jun. 1969	1969
19700089350	Physiochemical food system studies Quarterly report	1969
19700089351	Space astronomy of the Steward Observatory	1969
19700089352	Semiannual status report, 1 January - 31 December 1969	1969
19700089354	Theoretical and experimental investigations of electron emission, conductivity and luminescence of selected solids under vacuum UV radiation Status report, 1 May - 31 Oct. 1969	1969
19700089355	Space astronomy of the Steward Observatory Monthly status report for 1969	1969
19700089356	A program to investigate, characterize, and describe meteorites in the collections of Arizona State University Semiannual status report, 1 Mar. - 31 Aug. 1969	1969
19700089357	Semiannual status report, 1 January - 30 November 1969	1969
19700089358	Investigation of a quadrupole ultra-high vacuum ion pump Semiannual progress report, 1 Feb. - 31 Jul. 1969	1969
19700089359	Investigation of gas-augmented injectors Monthly progress report, Jul. 1969	1969
19700089360	Quarterly progress report for 1 August - 31 October 1969	1969
19700089361	Investigation of refractory composites for liquid rocket engines Monthly letter report, 1-30 Nov. 1969	1969
19700089362	An application of the method of characteristics to an inviscid fluid interacting with an initially flat circular membrane	1969
19700089363	Medical operations plan. Apollo/Saturn 5 - SNAP 27 contingency plan	1969
19700089364	On the engineering portion of a research program to perform a gyro test of general relativity in a satellite and develop associated control technology Semiannual status report	1969
19700089367	X-ray detection of disordered orthopyroxenes in meteorites Semiannual report, 1 Jun. - 30 Nov. 1969	1969
19700089368	Study of thin electrode fuel cells Quarterly report, 1 Feb. - 30 Apr. 1969	1969
19700089370	Investigation of the effect of metallurgical structure and properties on the adhesion and friction behavior of cobalt alloys Quarterly report	1969
19700089371	Operation of the Lunar Science Institute Status report, 1 Jul. - 30 Sep. 1969	1969
19700089372	Cooperation of charges in photosynthetic oxygen evolution, 1	1969
19700089373	Subcritical flaw growth in metal tanks Monthly progress report, 1-30 Nov. 1969	1969
19700089374	Quarterly status report	1969
19700089375	Nonlinear aspects of combustion instability in liquid propellant rocket motor Status report, 1 Sep. - 30 Nov. 1969	1969
19700089458	A study of optical scattering methods in laboratory plasma diagnostics Semiannual progress report, 15 Mar. - 30 Jun. 1968	1969
19700089460	Diffusion and phase relationship in meteorite irons Quarterly progress report	1969
19700089461	Man/system integration specialized analysis National Aeronautics and Space Administration Quarterly progress report, period ending 31 Mar. 1969	1969
19700089463	Study of cryogenic propellant stratification reduction techniques Quarterly progress report, 3 Jul. 1969 - 30 Sep. 1969	1969
19700089467	Long wavelength observation of cosmic X-ray sources Quarterly progress report, 1 Sep. - 15 Dec. 1969	1969
19700089468	Investigation of extendable nozzle concepts Monthly progress letter	1969
19700089471	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy Semiannual progress report, 1 Apr. - 30 Sep. 1969	1969
19700089483	Study and evaluation of constant-momentum and other impulse mass spectrometers for ion analysis in the D and E regions of the ionosphere Status report, 1 Dec. 1968 - 31 May 1969	1969
19700089484	A study of the mechanism of chemical reactivity of nitrogen tetroxide with titanium alloys Quarterly report 25 Jul. - 24 Oct. 1969	1969
19700089485	Advanced injector concepts investigation	1969
19700089495	Cryogenic gas storage system	1969
19700089496	Status report, 1 September - 30 November 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089503	Feasibility of performing biomedical analysis under spaceflight conditions Progress report for period ending 23 Dec. 1969	1969
19700089504	Progress report	1969
19700089508	Laser frequency stabilization using a molecular beam Quarterly status report, 1 Aug. - 31 Oct. 1969	1969
19700089509	Research related to measurements of atomic species in the earth's upper atmosphere Monthly progress report	1969
19700089510	Research on spacecraft electrical power conversion Status report for quarter ending 31 Oct. 1969	1969
19700089511	Monolithic catalyst beds for hydrazine reactors Monthly status letter no. 1	1969
19700089512	Myocardial performance. What does it mean /ques/	1969
19700089513	Automated stellar proper motion measuring machine Monthly progress report, 1-31 Mar. 1969	1969
19700089514	Control optimization, stabilization and computer algorithms for space applications Status report, 1 Mar. - 30 Aug. 1969	1969
19700089519	Investigation of the solidification, structure and properties of eutectic alloys including consideration of properties control Progress report	1969
19700089524	Research in aircraft propulsion noise and its reduction Quarterly status report, Apr. - Jun. 1969	1969
19700089525	Study and evaluation of constant-momentum and other impulse mass spectrometers for ion analysis in the D and E regions of the ionosphere Status report, 1 Jun. - 30 Sep. 1969	1969
19700089526	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Nov. - 22 Dec. 1969	1969
19700089527	Space astronomy of the Steward Observatory Quarterly status report, 1 Jan. - 31 Mar. 1969	1969
19700089530	Tridyne attitude control thruster investigation Monthly status letter, for the period ending 30 Nov. 1969	1969
19700089532	Lick automatic Cassegrain focus Progress report	1969
19700089533	Quarterly status report, 1 August - 31 October 1969	1969
19700089534	Quarterly status report, 1 August - 10 November 1969	1969
19700089535	Investigation of liquid propellants in high pressure and high temperature gaseous environments Bimonthly report, 1 Sep. - 31 Oct. 1969	1969
19700089536	Project 15G-B2299 Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700089537	Quarterly status report, 1 May - 31 July 1969	1969
19700089539	Study of the techniques feasible for food synthesis aboard a spacecraft Semiannual status report, 1 Feb. - 31 Jul. 1969	1969
19700089540	A Study of Optical Scattering Methods in Laboratory Plasma Diagnostics Semiannual Progress Report, 1 Jul. - 31 Dec. 1968	1969
19700089541	Quarterly progress report, 1 July - 30 September 1969	1969
19700089543	Quarterly status report, 1 August - 31 October 1969	1969
19700089544	On the mass and instability of dwarf cepheids	1969
19700089547	Experimental and theoretical investigation of plasma radiation Semiannual status report, Sep. 1968 - Feb. 1969	1969
19700089555	Lunar photography requirements	1969
19700089589	Faraday MHD accelerator losses due to current leakage in the insulator-wall boundary layers	1969
19700089590	Evaluation of Meta-benzenedisulfonic Acid as a Stress Reducing Additive in a Watts Nickel Electroplating Bath	1969
19700089591	An investigation of tandem row high head pump inducers Quarterly progress report, 1 May - 31 Jul. 1969	1969
19700089593	Study of atmospheric effects on optical communications and optical systems Quarterly report, 14 Jan. - 14 Apr. 1969	1969
19700089594	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen Quarterly progress report	1969
19700089595	Techniques for generation of control and guidance signals derived from optical fields Quarterly progress report	1969
19700089600	The intrinsic glycogen of brain as a primer in the histochemical demonstration of phosphorylase and branching enzyme	1969
19700089604	Orthogonal polynomials for stellar line inversion	1969
19700089605	Maximum likelihood estimation of threshold for a forced-choice staircase design	1969
19700089610	Astronomical X-ray polarimetry program - Definition phase study Quarterly technical report, 12 Jun. - Sep. 1969	1969
19700089613	The equilibrium composition of dense matter in intense magnetic fields	1969
19700089614	Adenosine triphosphate /ATP/ as an indicator of extraterrestrial biology	1969
19700089662	MOS shift register memory	1969
19700089663	Load test of metalite panel inserts	1969
19700089679	Development of a military specification for NATOPS flight manuals Final report, Jun. 1967 - Dec. 1968	1969
19700089680	High power S-band plasma amplifier. Part 2 - Appendices Final report, 15 Dec. 1965 - 31 Mar. 1969	1969
19700089684	Qualification of transistor for use in wooden round missile Final report	1969
19700089698	Construction of multilayer dielectric filters Technical report	1969
19700089700	Data display set AN/ASQ-90	1969
19700089704	Service test of AS-1922/ARC homing antenna for AN/ARC-54 and AN/ARC-131 Final report	1969
19700089714	Stress corrosion of metal tanks Monthly progress report, 1-30 Nov. 1969	1969
19700089715	Feasibility evaluation of biological acoustic spectrometer system, phase 2 Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089731	The development of a nontoxic, self-extinguishing paint for the interior of nuclear-powered submarines, chapter 8	1969
19700089732	Trace contaminants in the atmosphere of Sealab 2, chapter 9	1969
19700089754	Dielectric properties of battery electrolytes Quarterly report, 8 Oct. 1968 - 8 Jan. 1969	1969
19700089758	Parametric investigation of planform and aeroelastic effects on aerodynamic center, alpha and Q stability derivatives Progress report	1969
19700089761	Study of integral launch and reentry vehicle system. Illustrations summary report, phase 2	1969
19700089762	Study of Integral Launch and Reentry Vehicle System. Volume 5 - Cost Analysis, Appendix Final Report	1969
19700089772	Support facilities and equipment for missile and space systems Surveys of foreign scientific and technical literature	1969
19700089814	Study of transition temperatures in superconductors Quarterly progress report, 11 Dec. 1968 - 10 Mar. 1969	1969
19700089817	Planning research in the area of launch vehicle and propulsion programs Progress report, 1-31 Oct. 1969	1969
19700089818	Advanced injector concepts investigation Monthly progress report, 1-30 Nov. 1969	1969
19700089820	Design of inducers for two-phase operation Quarterly progress report	1969
19700089825	Stability characterization of advanced injectors Quarterly progress report	1969
19700089826	Feasibility of Performing Biomedical Analysis Under Space Flight Conditions Progress Report, Period Ending 23 Sep. 1969	1969
19700089827	Experimental study of low-density nozzle flow Monthly status report, 1-31 Dec. 1969	1969
19700089836	Programmed guidance equations for Colossus 2. Command module earth orbital and lunar program based on Comanche 72 program	1969
19700089837	CO2 laser modulation Quarterly report, 1 Apr. - 1 Jul. 1969	1969
19700089838	The effects of hydrogen on unprotected titanium alloy weldments Quarterly progress report, 1 Apr. - 1 Aug. 1969	1969
19700089839	Space Storable Regenerative Cooling Investigation Monthly Progress Report, 1-31 May 1969	1969
19700089840	Nonlinear Aspects of Combustion Instability in Liquid Propellant Rocket Motors Status Report, 1 Sep. - 30 Nov. 1969	1969
19700089844	Suppression of combustion oscillations with mechanical damping devices Monthly status report, 1-30 Nov. 1969	1969
19700089850	The small astronomy satellite command and data encoder	1969
19700089853	Investigation of Gaseous Nuclear Rocket Technology Quarterly Progress Report, 16 Jun. - 15 Sep. 1969	1969
19700089855	Extend the design criteria for the coaxial pintle injector to higher chamber pressures and to gaseous fuel Monthly progress report, 22 Nov. - 26 Dec. 1969	1969
19700089857	Non-noble Metal Electrocatalyst for Fuel Cells Final Monthly Report	1969
19700089859	Apollo service module reaction control system engine /R-4D/ injector valves	1969
19700089861	Investigation of Aluminum and Polyethylene as Suitable Catchers for Hypervelocity Projectiles, and the Analysis of Na, Mn, and W in Simulated Samples Quarterly Progress Report, 1 Jul. - 30 Sep. 1969	1969
19700089863	Astronomy Mission Board Quarterly Progress Report, 1 Jan. - 31 Mar. 1969	1969
19700089865	Wind-Tunnel Investigation of Ram-Air-Inflated All-Flexible Wings of Aspect Ratios 1.0 to 3.0, Coordinated Numbers AF-AM-812 and AF-AM-831	1969
19700089867	Spectroscopic observations of the planets Quarterly status report, 1 Apr. - 30 Jun. 1969	1969
19700089869	Chemical Analysis of Adsorbates from Breathing Canisters from Apollo 11 Spacecraft Final Report	1969
19700089893	Investigation of high speed phenomena Quarterly progress report, for the period ending 18 Aug. 1969	1969
19700089894	Physiological and engineering study of advanced thermoregulatory systems for extravehicular space suits Semiannual status report, 16 Jun. - 15 Dec. 1969	1969
19700089909	Infrared Spectrometry Studies, Phase 1 Final Report, 1 Jul. 1967 - 31 Mar. 1968	1969
19700089914	Report on Evaluation of Television Tubes for Space Astronomy	1969
19700089917	Status Report, 1 May - 1 Nov. 1969	1969
19700089918	Inter-relations Between Advanced Processing Techniques, Integrated Circuits, Materials Development and Analysis Quarterly Report, 1 Jun. - 31 Aug. 1969	1969
19700089921	Saturn 5 mission implementation plan - H series missions, Apollo 12, 13, 14, and 15	1969
19700089923	NASA space cell test program Monthly progress report	1969
19700089927	Multi-component diffusion within the sun	1969
19700089930	Investigation of Instabilities in Atmospheric Flow Systems Associated with Clear Air Turbulence Quarterly Progress Report, 16 Aug. - 15 Nov. 1969	1969
19700089937	Non-linear Response of Rectangular Plates to Sonic Boom Excitation Quarterly Progress Report	1969
19700089939	Computed field-intensity maps for the PLACE experiment via vector diffraction theory	1969
19700089941	Remote portable nuclear instrumental methods for elemental analysis	1969
19700089943	Impulsive precipitation events during an auroral breakup	1969
19700089946	The 400 MHz Scatterometer Final report addendum	1969
19700089947	Space shuttle data. Volume 1 - Design integration	1969
19700089948	Space shuttle data. Volume 2 - Aerodynamics	1969
19700089949	Space Shuttle Data. Volume 3 - Structures, Materials, and Thermal Protection System	1969
19700089950	Space Shuttle Data. Volume 4 - Propulsion Systems and Propulsion Integration	1969
19700089951	Space Shuttle Data. Volume 5 - Avionics	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089952	Space shuttle data. Volume 6 - Performance and flight mechanics	1969
19700089955	Space Shuttle Data. Volume 9 - Cost, Scheduling, and Facilities	1969
19700089986	Chemical Propulsion newsletter, volume 5, number 1 /U/	1969
19700089992	Study of decision directed feedback techniques for Pioneer telemetry receiver, phase 2 Final report	1969
19700089996	IRLS Data and Analysis	1969
19700089997	Operations requirements NAS7-688 HEUS motor static test	1969
19700089999	Investigation of radiation and conduction of solids for spacecraft heat transfer applications Semiannual status report, 1 Jun. - 30 Nov. 1969	1969
19700090000	Research, engineering studies and analyses of suppression of acoustic noise from jet propulsion engines by means of model tests, phase 1 Interim report	1969
19700090007	Microcircuit pump and parametric S-band amplifier Final report, 30 Jan. - 30 May 1969	1969
19700090009	Pre-launch preparations for ATS-5 millimeter wave propagation experiment	1969
19700090011	S-band transmitter design study report Quarterly report, 16 Jun. - 16 Sep. 1969	1969
19700090013	Lockheed experiment on ATS-5 Quarterly report, 1 Sep. - 30 Nov. 1969	1969
19700090014	Monthly status report	1969
19700090025	Ground safety plan for HEUS motor static firing at Janet Island /ENIWETOK/	1969
19700090026	Simultaneous measurement of atmospheric dust by baser and balloon sounding techniques Progress report	1969
19700090027	Effects of high and low barometric pressure on susceptibility and resistance to infection Quarterly status report, 1 Oct. - 31 Dec. 1969	1969
19700090028	A continuation of the solar research program at the McMath-Hulbert Observatory Semiannual report, 1 Jul. - 31 Dec. 1969	1969
19700090031	Systems operational reliability analysis of the category 2 ensemble	1969
19700090033	Design of an integrated resistance jet flight package Final report	1969
19700090034	Analysis of random vibration data from an Orbiting Astrophysical Observatory Final report	1969
19700090039	Study of ERTS ground display equipment interface requirements, phase 1 Progress report, 2 Jun. - 2 Sep. 1969	1969
19700090040	RAE in-orbit simulator Final report, 29 May 1967 - 30 May 1969	1969
19700090045	High-gain self-steering microwave repeater, volume 2 Final engineering report, Apr. - Sep. 1969	1969
19700090047	ATS-F solar cosmic ray and trapped particle experiment Quarterly report, 1 Jul. - 1 Oct. 1969	1969
19700090048	Colloid thruster technology Quarterly report, 20 Jun. - 20 Sep. 1969	1969
19700090050	Delta PAC 1 control system electronics Final report	1969
19700090063	KSC Apollo/Saturn program end item report. Parts 1 and 2 - The hazardous gas detection system LC-39 SS9HG001A	1969
19700090064	Logistics end item report. System specification 1PA001A. Paging system spacecraft and industrial area	1969
19700090066	Logistics end item report. System specification 9VM001A. Vehicle measuring ground support equipment LC-39	1969
19700090069	Synthesis and spectroscopic properties of organic laser materials	1969
19700090071	Sixteenth and seventeenth semiannual status reports from 1 January to 31 December 1969	1969
19700090074	Logistics end item report. Parts 1 and 2 - System specification 9CC001A Complex Control Center LC-39	1969
19700090076	The influence of temperature on fatigue-crack growth Quarterly status report, 1 Oct. - 31 Dec. 1969	1969
19700090077	An experimental investigation of vortex-sink rate sensor Interim report	1969
19700090138	Design criteria and environments LM-A	1969
19700090142	Application of optimal control theory to the design of an autopilot for reduction of acceleration inputs to an aircraft in turbulent air Progress report, Jun. - Dec. 1969	1969
19700090145	Investigation of population inversion by gas dynamic mixing Bimonthly progress report, 28 Oct. - 27 Dec. 1968	1969
19700090147	Logistics end item report. Parts 1 and 2 - System specification 9WC001A water control system LC-39	1969
19700090149	Progress report, 1 October 1968 - 1 October 1969	1969
19700090150	Research in electrohydrodynamics Quarterly progress report, 1 Aug. - 31 Oct. 1969	1969
19700090151	Quarterly progress report	1969
19700090159	Design, development, fabrication, and installation of the 105-inch lunar and planetary telescope at McDonald Observatory Quarterly status report, 23 Sep. - 22 Dec. 1969	1969
19700090163	Summary of research Quarterly status report, 1 Aug. - 31 Oct. 1969	1969
19700090164	Cryogenic gas storage system Monthly progress report, Apr. 1969	1969
19700090165	Reliability verification test for LMSC P/N 2360743-3 voltage reference diode	1969
19700090167	Design qualification of MK 88 /POSEIDON/ fire control type 3 modules	1969
19700090168	Critical item test program report test item no. 3 cathode ray tube	1969
19700090169	Status of MK 88 /POSEIDON/ module testing	1969
19700090190	Cluster systems description document - Missions AAP-1/AAP-2, AAP-3A, and AAP-3/AAP-4	1969
19700090191	Status of MK 88 /POSEIDON/ module testing	1969
19700090192	Status of MK 88 /POSEIDON/ module testing	1969
19700090193	Critical item test program report test item no. 1 graphic recorder	1969
19700090194	Component failure analysis report on general technical data parts test and reliability mathematics	1969
19700090195	Status of MK 88 /POSEIDON/ module testing	1969
19700090196	A prediction of radiation damage on orbiting solar cells	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090197	Component failure analysis report on general technical data, parts test and reliability mathematics	1969
19700090198	Qualification report for relay, armature, low level per Bu Weps drawing 2459566	1969
19700090199	The design and test of two space radiator configurations. Volume 2 - Thermal design and test of an FC-75 internally finned tube radiator	1969
19700090200	Status of MK 88 /POSEIDON/ module testing	1969
19700090201	Status of MK 88 /POSEIDON/ module testing	1969
19700090203	Reliability verification test for LMSC P/N 2360753-1, voltage reference diode	1969
19700090204	Quarterly status report, 1 May - 31 July 1969	1969
19700090205	NASA postdoctoral resident research associateship program Status report, 1 Sep. 1969 - 30 Nov. 1969	1969
19700090207	Research in the field of molecular collision phenomena using molecular beam techniques Semiannual status report, 1 Oct. 1968 - 31 Mar. 1969	1969
19700090211	Status of MK 88 /POSEIDON/ module testing	1969
19700090212	Status of MK 88 /POSEIDON/ module testing	1969
19700090213	Status of MK 88 /POSEIDON/ module testing	1969
19700090214	Status of MK 88 /POSEIDON/ module testing	1969
19700090215	Qualification report for filter, bandpass per Bu Weps drawing 2639095	1969
19700090217	SSB5371 qualification, P/N X1570659, revision B Final report	1969
19700090218	Status of MK 88 /POSEIDON/ module testing	1969
19700090219	Status of MK 88 /POSEIDON/ module testing	1969
19700090220	Status of MK 88 /POSEIDON/ module testing	1969
19700090221	Component failure analysis report on general technical data, parts test and reliability mathematics	1969
19700090224	Report of tests for qualification of encoders	1969
19700090225	Qualification report for filter, low pass, dual per general dynamics drawing 423-800273	1969
19700090227	Headquarters flight readiness review. Apollo 11/mission G medical status	1969
19700090228	Apollo 11 mission summary	1969
19700090232	ATS-E dual swept radiometer system Final report	1969
19700090235	Auroral particles experiment Quarterly report, 10 Jul. - 10 Oct. 1969	1969
19700090236	Solar cell radiation damage experiment Quarterly report, 27 Jun. - 27 Sep. 1969	1969
19700090239	Gas-surface interactions under satellite conditions Progress report, 1 Mar. - 30 Nov. 1969	1969
19700090240	The investigation of flame spreading over the surface of igniting solid propellants Quarterly letter report, 16 Apr. - 15 Jul. 1969	1969
19700090241	Techniques for reducing mixer conversion loss in millimeter wave receivers for communications and radiometry Quarterly status report, 1 Jul. - 30 Sep. 1969	1969
19700090245	Instability modes of shallow arches subjected to dynamic loading Interim technical report	1969
19700090247	System specification 9SG001A approved spare parts provisioning list for Saturn 5 signal analyzer monitor system LC-39	1969
19700090250	Qualification of crystal, quartz	1969
19700090256	Logistics End Item Report System Specification 9DC001A Propellants and Gases Dc Power System LC-39	1969
19700090260	Status of MK 88 poseidon module testing	1969
19700090261	Low cycle fatigue of butt weldments of HY-100/T/ and HY-130/T/ steel Progress report, 1 Aug. - 31 Oct. 1969	1969
19700090262	Qualification report for transistor per BuWeps drawing 2841224	1969
19700090266	Component failure analysis report on general technical data, parts, test and reliability mathematics	1969
19700090267	Component failure analysis report on general technical data, parts, test and reliability mathematics	1969
19700090268	Status of Mk 88 /Poseidon/ module testing	1969
19700090270	Evaluation, vendor, MIL-S-19500/359A, reverse recovery	1969
19700090274	Reliability verification test for LMSC part number 2360743-2 Zener diode	1969
19700090278	Evaluation of Texas Instruments TIXL09, p-n planar gallium arsenide light source and LS615 n-p-n planar silicon light sensor	1969
19700090280	Aluminum forging, process, machining, and reheat treatment	1969
19700090281	Status of Mk 88 /Poseidon/ module testing	1969
19700090282	Status of Mk 88 /Poseidon/ module testing	1969
19700090284	The thermistor test bridge	1969
19700090285	Qualification report for indicator, annunciator, panel type per Amicom drawing 10215681-1, 10215681-2, and 10215681-3	1969
19700090286	Information survey-solder terminals used on aircraft and space flight equipment	1969
19700090287	Computer-propellant utilization	1969
19700090288	Reliability verification test for LMSC part number 2360743-2 /1N960B/ voltage reference diode	1969
19700090289	Evaluation tests on solid state flashers type R1000-1-B-28-M	1969
19700090294	Survey of white cotton gloves submitted to meet the requirement of OSS 117-123625	1969
19700090295	Evaluation of lubricants, dry film coating combinations	1969
19700090297	LC-39 signal analyzer monitor system. System specification 9SG001A, logistics end item report, parts 1 and 2	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090299	Development and Implementation of a Technology Planning System for OART Progress Report, 1 Apr. - 30 Sep. 1969	1969
19700090300	Qualification report for transistor, n-p-n, silicon per General Dynamics drawing 423-800350	1969
19700090301	Qualification report for coil, radio frequency GD/P part number 2638690-3 and 2638690-5	1969
19700090302	Qualification report for transistor, per BuWeeps drawing 2576970	1969
19700090307	Attachment A to logistics end item report system specification 9IT001A approved spare parts provisioning list for instrumentation test equipment LC-39	1969
19700090313	Evaluation report on demod-mod P/N 2503535	1969
19700090317	Vendore qualification test on diode 1N3044B manufactured by US Semcor	1969
19700090318	Delta qualification test of Apollo crew couch cyclic strut boot seal SF 28122	1969
19700090319	Qualification report for connector, plug electrical per BuWeeps drawing 2840409	1969
19700090324	Qualification test of dc motors	1969
19700090326	Special beryllium elevated temperature test	1969
19700090329	Qualification report for contacts, crimp type electrical connector, general purpose	1969
19700090332	Quarterly status report, October - December 1969	1969
19700090335	Quarterly progress report, 1 July - 30 September 1969	1969
19700090337	Relationships between stratospheric clear air turbulence and synoptic meteorological parameters	1969
19700090338	Semiannual Research Report, 1 May - 1 November 1969	1969
19700090358	Molecular beam surface interaction Quarterly progress report, 25 Apr. - 25 Jul. 1969	1969
19700090360	A research subsidized from 1 June 1968 to 31 May 1969 Final report	1969
19700090367	Wind tunnel model study of dispersion of carbon monoxide in city streets Monthly progress report, 1 Oct. - 31 Dec. 1969	1969
19700090369	Data analysis from the ion mass spectrometer on the Explorer 31 satellite Quarterly technical progress report, Jan. - Mar. 1969	1969
19700090370	Colloid thruster technology Quarterly report, 20 Sep. - 20 Dec. 1969	1969
19700090372	Development of the SIREN capsule, phase 1 /U/ Final report	1969
19700090374	Space isotope power program /U/ Quarterly report, Jul. - Sep. 1969	1969
19700090376	Polonium encapsulation program, space electric power operation, Space Nuclear Systems Division /U/ Final summary report	1969
19700090380	Constitutive equations for nonviscometric flows Progress report, 1 Jan. - 30 Jun. 1969	1969
19700090390	SMOOTHIE - A program for smoothing 05S histogram output	1969
19700090391	Boron arsenide and boron phosphide for high temperature and luminescent devices Quarterly status report, 1 Oct. - 31 Dec. 1969	1969
19700090397	Quarterly progress report, 1 Sep. - 30 Nov. 1969	1969
19700090400	Recovery of coated uranium dicarbide particles from graphitized reactor fuel /U/	1969
19700090403	Development of a space thermionic reactor power plant /U/ Periodic progress report, 1 Mar. - 30 Jun. 1969	1969
19700090404	Development of a thermionic reactor space power system /U/ Summary report, 1 Mar. - 30 Jun. 1969	1969
19700090406	SNAP reactor programs /U/ Progress report, May - Jul. 1969	1969
19700090407	Effects of irradiation on uranium nitride under space-reactor conditions /U/	1969
19700090408	LASL Rover program /U/ Quarterly status report, period ending 31 Aug. 1969	1969
19700090409	Pewee 1 reactor test report /U/	1969
19700090417	Dynamics of the human body in free fall Semiannual report	1969
19700090418	Collection and analysis of micrometeorites Semiannual status report, 1 Dec. 1968 - 1 Jun. 1969	1969
19700090424	Establishment of a manufacturing process for infrared glass windows Interim engineering progress report, 1 Jul. - 30 Sep. 1969	1969
19700090425	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 May - 31 Jul. 1969	1969
19700090426	Montana large aperture seismic array Quarterly technical report, 1 Jul. - 30 Sep. 1969	1969
19700090427	Condor expulsion test - System number 1	1969
19700090428	New developments in the field of extinguishing agents	1969
19700090430	Report for the period 1 June to 31 November 1969	1969
19700090436	Repetitive failure evaluation report	1969
19700090440	Fluid dynamic aspects of cardiovascular behavior during vibration Quarterly progress report	1969
19700090444	DE-EEM Computer Orientation Seminar /Apollo systems/	1969
19700090447	Solid state radiographic image amplifier and storage panel	1969
19700090448	Apollo/Saturn 5 space vehicle transfer operations VAB to PAD	1969
19700090449	Meteorite photography and recovery network Quarterly status report, 1 Oct. - 31 Dec. 1969	1969
19700090450	Investigation of approximation methods to determine efficiency and effectiveness Final report	1969
19700090451	Semiannual progress report, 1 July - 31 December 1969	1969
19700090462	Testing of tungsten alloy-urania cermets /U/	1969
19700090463	Development of particles coated with pyrolytic carbon. 7 - Studies of porous carbon /U/	1969
19700090464	Fueled-graphite studies /U/ Quarterly progress report, Jul. - Sep. 1969	1969
19700090465	SNAP-27 fuel capsule assembly fuel release rate tests /U/	1969
19700090475	Project authority - A multidimensional view	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090496	Numerical methods for computing three-dimensional sonic boom wave fields Quarterly status report	1969
19700090516	Quarterly progress report	1969
19700090519	A study of pion and muon beam transport systems for a 600 MeV synchrocyclotron Semiannual status report, 1 Jun. - 1 Dec. 1969	1969
19700090521	Data analysis from the ion mass spectrometer on the Explorer 31 satellite Bi-quarterly technical progress report, Jul. - Dec. 1969	1969
19700090528	Coupling of acoustic energy from the troposphere to the ionosphere Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700090529	Study of the combined effects of space environmental parameters on space vehicle materials Quarterly progress report, 1 Dec. 1968 - 28 Feb. 1969	1969
19700090530	Low cost turbopumps study Quarterly report, 1 Oct. - 31 Dec. 1969	1969
19700090532	Constitutive equations for nonviscometric flows Progress report, 1 Jul. - 31 Dec. 1969	1969
19700090533	Pulse Operated Flow Path Selector Valve Assembly Quarterly Progress Report, 27 Dec. 1968 - 27 Mar. 1969	1969
19700090534	Study of Crack Initiation Phenomena Associated with Stress Corrosion of Aluminum Alloys Quarterly Report, 26 Dec. 1968 - 25 Mar. 1969	1969
19700090536	Low Gravity Propellant Control Using Capillary Devices in Large Scale Cryogenic Vehicles Interim Progress Report	1969
19700090538	Meteorite photography and recovery network Quarterly status report, 1 Jul. - 30 Sep. 1969	1969
19700090540	S-4B/505 continuous vent system analysis and S-4B/506 predictions	1969
19700090542	Evaluation and development of television tubes for space astronomy Quarterly report, 1 Oct. - 31 Dec. 1969	1969
19700090543	Progress report, 1 June - 1 December 1969	1969
19700090546	The 2s atomic level in muonic Ce 140	1969
19700090547	High speed integrated circuits Interim report, 2 Dec. 1968 - 2 Jun. 1969	1969
19700090548	Microwave integrated-circuit noise source Final development report, 1 Jun. - 1 Dec. 1969	1969
19700090549	The design of digital filters using read-only memories	1969
19700090551	An Investigation of Tandem Row High Head Pump Inducers Progress Report, 1 Aug. - 31 Oct. 1969	1969
19700090553	Progress report	1969
19700090564	Continuation of development of new microspectrophotometric instrumentation Progress report, Jul. 1968 - Apr. 1969	1969
19700090566	Semiannual progress report	1969
19700090614	Project DUCE /deception using circulating effect/ /U/ Final report, 1 Jul. 1967 - Apr. 1969	1969
19700090630	Experimental study of low-density nozzle flows Quarterly progress report, 1 Aug. - 31 Oct. 1969	1969
19700090632	A chronology of the George C. Marshall Space Flight Center from 1 January through 31 December 1966	1969
19700090636	Investigation of High Speed Phenomena Quarterly Progress Report, Period Ending 18 Nov. 1969	1969
19700090643	Spectroscopic and photochemical study of photochromic compounds Quarterly report	1969
19700090646	Bulletin of the division of Mechanical Engineering and the National Aeronautical Establishment Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19700090648	MSC document. MSC standard procedures for liquid and gas sampling	1969
19700090661	Physical properties tests on Mystik tape number 7455 /Mystik Tape, Incorporated 88301/	1969
19700090669	Heat generation in small resonance tubes	1969
19700090670	Qualification testing of five adhesives, 3M numbers 2214 and 2216 B1A and Shell numbers 913, 8 and 901	1969
19700090674	Marotta pressure regulator, P/N 227464-J11, E02508, NASA P/N 75M08829-2, S/N 002, leakage	1969
19700090675	Republic Manufacturing Company 3/4 inch check valve /NASA control no. 3321-4/	1969
19700090680	Partial certification of McCoy crystal /4.8 MHz/	1969
19700090686	Qualification of transistor /n-p-n/ for use in improved Hawk missile	1969
19700090687	Qualification of connector body for use in improved Hawk missile	1969
19700090688	Qualification of transistor /n-p-n/ for use in improved Hawk missile	1969
19700090689	Sunset Electronics, tuner and control cleaner, P/N S666, comparative analysis	1969
19700090690	Sunset Electronics, tuner and control cleaner, P/N 5666, comparative analysis	1969
19700090691	Detergent used for leak check system in the astronaut suit room /"Halo", Colgate and Palmolive 86223/	1969
19700090693	Qualification testing of Epon adhesive 907 /Shell Chemical/	1969
19700090695	Failure analysis of Fafnir bearing from condenser pump no. 2 motor /Fafnir 312k/	1969
19700090697	Flame propagation rate of LN2 "Kapton" cold wall insulation in oxygen from the altitude chamber	1969
19700090698	Exposure of 3M numbers 474 and Y9193 tape and Richmond Corporation nylon sheet RS-AS-2400 to hypergolic propellants	1969
19700090700	Qualitative testing of conformal coating	1969
19700090702	Herculite numbers 20 and 80 vinyl coated nylon fabric compatibility with hypergolic fuel and oxydizer	1969
19700090704	Intermittency measurements in a turbulent plasma jet	1969
19700090705	Turbulence measurements in a two-dimensional compressible wake	1969
19700090707	Solenoid valve actuator, Flodyne P/N 15C150, NASA P/N 75M08821, S/N 11 - Failure to close position	1969
19700090708	Strain gauge P/N MH238C6R2HEL, manufactured by Dentronics, GSE, LC-39	1969
19700090709	Regulator, motor actuated, P/N LSC 430-77704-11, S/ 2669 /APCO P/N 1349-1029, revision E/, Complex 39, GSE	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090710	Dome regulator, APCO P/N 130800, Douglas P/N 1A66985-509, S/N 171, from Pneumatic Console DSV4B-432A, GSE, AS-504	1969
19700090711	Marotta dome loaded regulators, P/N 230434-6000, NASA P/N 75M1102, S/N's 106, 117, 136 and 172, gross internal leakage	1969
19700090712	APCO dome loading regulator, NASA P/N 1A66985-503 - Making chattering noise	1969
19700090714	Gain maximization and controlled null placement simultaneously achieved in aerial array patterns	1969
19700090715	Digital ranging generator	1969
19700090721	Penetration systems studies Semiannual report	1969
19700090722	Shells with discontinuities. Stress and strength - An annotated bibliography	1969
19700090726	Simultaneous qualification and group C test plan Control Switch Division, part numbers A4-1 and A4-1077	1969
19700090727	Reliability verification test for LMSC P/N 2360761-1, general purpose diode	1969
19700090729	Flammability test of ensolite foam, type AA and types AL and AL plastic film coated /US Rubber/	1969
19700090730	Helicoid pressure gauges, Helicoid Gage Division, NASA part no. 76K00012-13 and 76K00012-18, NASA control no. 3211-4	1969
19700090731	Failure analysis of tank liner /Manufacturer - SW Welding and Manufacturing Company, 56047/	1969
19700090732	Failure analysis, video amplifiers	1969
19700090735	Cleanliness control program	1969
19700090736	Qualification report for transistor, n-p-n silicon per BuWeps drawing 2577048B	1969
19700090737	Results of the temperature cycling test	1969
19700090738	Reliability verification test for LMSC P/N 2360751-1, p-n-p switching transistor	1969
19700090746	Test plan for SAS-A battery	1969
19700090747	Qualification of connector receptacle for use in improved Hawk HPI Final report, 16 Sep. - 31 Dec. 1968	1969
19700090748	Time delay relay, Agastat, P/N 2122AH3UA, Xenon lamp searchlight jet, P/N AN/TVS-3, US Army drawing SC-C599406	1969
19700090749	Flexible hose NASA P/N 75M10284-23C from service Army number 4 on LC-39	1969
19700090750	Spra-Kleen, GC Electronics P/N 8666, electrical contact cleaner and lubricant	1969
19700090752	Oxidizer quick disconnect, P/N ME 273-0022-0002 oxidizer leakage at ground half of quick disconnect	1969
19700090755	Qualification of variable resistor 148230-01	1969
19700090756	Qualification test of dc motors	1969
19700090757	C3 engineering evaluation test procedure, P/N 2760356-3, self-aligning captive screw	1969
19700090760	Alternate source qualification for inverter MIS16278	1969
19700090761	Digital ranging generator Qualification test report	1969
19700090762	Power supply Failure analysis report	1969
19700090763	Solenoid valve-two way-two positions, hydrogen peroxide	1969
19700090766	An introduction to estimation-development of optimum estimation as an extension of simple averaging with application to an integrated navigation system	1969
19700090767	Grove pressure regulator, P/N 11288H14319b, S/N 113977-1. Internal leakage /GN2/	1969
19700090768	Performance evaluation of tantalum foil capacitors	1969
19700090769	Planning automation for printed circuit fabrication	1969
19700090770	Synchros, control transformer, BUORD size, 400 CPS	1969
19700090771	Flight component qualification test results, Athena H, relay, DPDT, 1 AMP, P/N ST-20080-1, CDRL no. 108	1969
19700090773	Modified toggle switch qualification	1969
19700090774	Qualification of semiconductor device, diode for use in Hawk ground equipment Final report	1969
19700090775	Evaluation report on preamplifier P/N 2503531	1969
19700090776	Qualification of transistor for use in improved Hawk missile Final report	1969
19700090777	Tactical STOL transport	1969
19700090779	Qualification of transistor for use in improved Hawk missile Final report, 25 Jan. - 27 May 1968	1969
19700090781	Crystal frequency discriminator per BuWeps drawing 2457235	1969
19700090782	Connector, electrical per BuWeps drawings 2817566 and 2817567	1969
19700090784	Status of MM 88 /Poseidon/ module testing	1969
19700090785	Dyes-marking - Corrosion effect on various alloys	1969
19700090786	Thermodynamic properties of a general mixture of air, carbon dioxide, water vapor, and alcohol vapor	1969
19700090787	Floidyne ball valve, cam actuated, P/N 15C153, NASA P/N 75M11860, S/N 016. Suspected of causing system press spikes	1969
19700090788	LO2 pump bearings, LOX pump A-126	1969
19700090789	Grove dome loader regulators, P/N 11288H14319B, S/N's 102424-1 and 113977-1. Leakage and low output	1969
19700090790	APCO dome regulator, P/N 130800, Douglas P/N 1A66985-509, S/N 113. Outlet pressure creep	1969
19700090791	US rust control products MET-L-PRO-TECH XP300, rust resist XP400, rust stop XP500, XP7003 /Manufacturing H4 code - 24606/	1969
19700090792	The 1-1/2 in diameter tube assembly, NASA P/N 75M11821-65, from tail service mast 1-2, Complex 39	1969
19700090793	ASTM D-1433-58, test for flammability of flexible thin plastic sheet	1969
19700090795	Synchros, control transmitter	1969
19700090796	Effects of thermal shock on glass enclosed semiconductor diodes potted in Emerson and Cuming EFF/4 Eccofoam	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090800	Requalification of General Electric RTV 2, batches 904 and 915	1969
19700090801	Materials evaluation - Relay, Ohmite Manufacturing Company, model DOSHPX-51	1969
19700090808	Vibration damping mounts	1969
19700090809	Voltage sensor	1969
19700090810	Absolute pressure transducer	1969
19700090811	Digital ranging generator, model Q2 Final qualification test report	1969
19700090812	Solid rocket motor impingement on Titan 3 core	1969
19700090813	Qualification of field effect transistor for use in improved Hawk missile Final report, 11 Mar. - 15 Oct. 1968	1969
19700090814	Permanent identification tags, non-metallic, resistant to various chemicals	1969
19700090815	High frequency performance test on tantalum electrolytic capacitors	1969
19700090816	Neutron damage constant for bipolar transistors	1969
19700090819	Coatings, strippable, evaluation for utilization in infrared inspection	1969
19700090820	Status of Mk 88 Poseidon module testing	1969
19700090821	Determine if storage life may be extended on insulating tape, FSN 5970-188-5477, federal specification HH-I-595A	1969
19700090833	Data reduction and analysis Progress report, 1 Jul. 1968 - 30 Jun. 1969	1969
19700090841	Saturn 5 launch vehicle and spacecraft launch probability Final report	1969
19700090846	Reliability test report on transmagnetic synchro driver amplifier	1969
19700090850	A study of fibre glass cloth meteoroid shields, supplement	1969
19700090851	An Experimental Study of Aluminum Meteoroid Shields	1969
19700090853	Proposed microbe nutritional adequacy test. Phase 2 - A sterilization and storage compatibility study of growth media for extraterrestrial use	1969
19700090857	Turbulent mixing of chemically reacting nonequilibrium gases according to a simplified statistical description Annual report	1969
19700090867	Sheath structure in a plasma diode	1969
19700090870	On the oscillatory behavior of the solutions of second order linear differential equations	1969
19700090874	Relay assembly	1969
19700090875	Digital ranging report Final qualification test report	1969
19700090877	Entry monitor subsystem	1969
19700090878	Apollo inverter - 1250 VA type AVI 122D	1969
19700090880	Digital ranging generator	1969
19700090886	Nuclear Engine Studies /U/	1969
19700090902	Status of Mk 88 Poseidon module testing	1969
19700090903	Status of Mk 88 Poseidon module testing	1969
19700090904	Phase 3 - A production qualification testing of Mk 88 Poseidon fire control modules Letter report	1969
19700090907	Qualification test of dc motors	1969
19700090908	Qualification test of dc motors	1969
19700090909	Computer-comparator propellant utilization	1969
19700090910	Status of Mk 88 Poseidon logic module testing	1969
19700090911	Status of Mk 88 Poseidon one-shot module testing	1969
19700090912	Status of Mk 88 Poseidon module testing	1969
19700090913	Evaluation of ECD - Trevose and general instrument as sources for hybrid circuits 161-023	1969
19700090918	Air defense aerodynamic design investigation Final report	1969
19700090922	Operating parameters of 30 amp silicon power transistors Qualification test report	1969
19700090923	Phase 2 design and phase 3 - A production qualification testing of Mk 88 Poseidon fire control modules Letter report	1969
19700090924	Capacitors, fixed, ceramic, molded, lead, mount, Mil-General	1969
19700090926	Status of Mk 88 Poseidon module testing	1969
19700090927	Status of Mk 88 Poseidon module testing	1969
19700090928	Status of Mk 88 Poseidon module testing	1969
19700090929	Status of Mk 88 Poseidon module testing	1969
19700090937	Semiannual progress report, for the period ending 31 December 1969	1969
19700090938	The galaxy M82. 2 - A blast-wave model for the explosion	1969
19700090939	Apollo Crew Couch Z-Z Axis Cyclic Impact Strut Assembly	1969
19700090940	A data link for radar acquisition aid to large optical tracking systems	1969
19700090941	Alkali-vapor light sources as optical pumps for Nd - YAG Technical report	1969
19700090942	Status of Mk 88 Poseidon module testing	1969
19700090944	Phase 3 - A production qualification of Mk 88 Poseidon fire control modules	1969
19700090945	Booster, hydraulic pump Failure analysis report	1969
19700090946	Phase 3 - A production qualification testing of Mk 88 Poseidon fire control modules	1969
19700090947	Flight component qualification test results. Athena H coaxial switch	1969
19700090948	Mechanical testing of AISI 547 stainless steel plates welded by the hotwire /TIG method/	1969
19700090949	Qualification report for transistor, PNP, silicon per General Dynamics drawing 423-800173	1969
19700090950	Transient radiation current generator model for semiconductor devices	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090951	Reliability verification test for LMSC P/N 2360735-1, diode, general purpose	1969
19700090955	Contamination MIL-H-5606 hydraulic systems electronic computer particle count method vs microscopic statistical count method	1969
19700090957	Foams - Chemical fire fighting	1969
19700090958	Contamination checks for hydraulic test stands - Frequency evaluation	1969
19700090964	Qualification report for connector, receptacle, electrical, coaxial per General Dynamics drawing 423-800366-2	1969
19700090965	Qualification of field effect transistor for use in improved Hawk missile Final report	1969
19700090966	Qualification of voltage regulator for use in improved Hawk missile Final report	1969
19700090967	Qualification of integrated circuit for use in improved Hawk missile Final report	1969
19700090968	Qualification test of speed reducers	1969
19700090970	Digital ranging generator final electrical test Qualification test report	1969
19700090972	Equipment quality analysis	1969
19700090975	Gage assembly Failure analysis report	1969
19700090976	Gage assembly Failure analysis report	1969
19700090977	Evaluation of drying procedures for certain LEM items	1969
19700090979	Vibration damping mounts	1969
19700090981	Pressure transducer Failure analysis report	1969
19700090982	Circuit breaker Failure analysis report	1969
19700090983	Valve, solenoid, latching	1969
19700090984	Digital ranging generator Development report	1969
19700090985	Report of test on saturable reactors 50Z32565, 50Z32566, 50Z322567, 50M32566, 50M32567	1969
19700090986	Digital ranging generator Qualification test report	1969
19700090988	Apollo applications CSM program critical E/E/E parts review for unmodified Apollo block 2 hardware	1969
19700090989	Apollo SPS engine - BI propellant valves model IE Qualification test report	1969
19700090990	Solenoid valve, 1/2-inch, 3-way, Automatic Switch Company model number LB8300 B74/G Technical report	1969
19700091001	Reliability verification test for LMSC P/N 2360795-1, vericap diode	1969
19700091003	Reliability verification test for LMSC P/N 2360760-1 general purpose diode	1969
19700091004	Verification test for part number 2360738-1, rectifier diode	1969
19700091005	Study of printed circuit board soldered joints	1969
19700091006	Evaluation test tantalum wet slug capacitors	1969
19700091008	Effects of metallic doping on ionization damage in MOS FETS	1969
19700091009	Radiation hardening of electronic systems	1969
19700091010	Qualification test of bellows type flexible shaft coupling	1969
19700091012	Reliability verification test for LMSC P/N 2360792-1 silicon controlled rectifier	1969
19700091013	Effect of Semkit packaging on sealants, EC5106 B 1/2 and EC5123 B 2 Evaluation test report	1969
19700091014	Radiation damage mechanics in spacecraft materials	1969
19700091015	Effect of cotton and nylon gloves on adhesives	1969
19700091017	Capacitors, fixed, film, metalized, hermetically sealed, lead mount	1969
19700091020	Synchros, torque receiver, BuOrd size, 400 CPS	1969
19700091021	Flight component qualifications test results, Athena H, relay ST-20078-1, CDRL no. 108	1969
19700091022	Status of Mk 88 Poseidon module testing	1969
19700091023	Status of Mk 88 Poseidon module testing	1969
19700091025	Qualification report for discriminator, frequency crystal per BuWeps drawing 2457235	1969
19700091026	Qualification test of miniature relays	1969
19700091029	Sealants - Cure properties of F-111 aerodynamic smoothers	1969
19700091030	Qualification report for delay line per General Dynamics drawing 423-800337	1969
19700091032	Radiation hardened silicon power transistors	1969
19700091034	Proceedings of the Air Force Soil Stabilization Seminar, report for August - December 1968	1969
19700091035	Reduced life cycle cost for future inertial navigation systems	1969
19700091039	Status of Mk 88 Poseidon module testing	1969
19700091042	A comparison of the ionizing radiation response of microcircuits manufactured by five different technologies	1969
19700091043	First article inspection F 7549-2	1969
19700091044	Status of Mk 88 Poseidon module testing	1969
19700091045	Status of Mk 88 Poseidon module testing	1969
19700091046	Status of Mk 88 Poseidon module testing	1969
19700091047	Qualification report for transistor, PNP silicon per GD/PD drawing 423-800349	1969
19700091049	Qualification tests on HI-REL fixed film capacitors	1969
19700091050	Qualification report for transistor per General Dynamics drawing 423-800215	1969
19700091051	Steady-state performance of an isolated axisymmetric inlet with a J85 engine and cold flow engine simulators at Mach numbers from 0.60 to 1.50 Final report	1969
19700091052	Investigation of the ignition properties of flowing combustible gas mixtures Final technical report, 15 Apr. 1968 - 14 Jul. 1969	1969
19700091065	Apollo crew couch X-X axis head cyclic impact strut assembly	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091066	Basic electrical fault system analysis	1969
19700091067	Apollo crew couch X-X head cyclic strut assembly	1969
19700091068	Apollo crew couch-combination washer-cyclic deformation strut assembly	1969
19700091069	Space radiation hazards to photographic film in the Apollo Telescope Mount and orbiting workshop Final report	1969
19700091070	On 12-inch flexible hose, Anaconda Metal Hose Corporation - Part number 83501-102	1969
19700091071	Magnetic oxide films	1969
19700091086	Apollo couch Z-Z axis cyclic deformation impact strut assembly	1969
19700091087	Failure analysis of a general instrument MEM 3050 shift register integrated circuit and examination of thirteen additional units	1969
19700091088	Apollo cyclic strut boot seals SF28119 and SF28121	1969
19700091100	Earth resources ADP technical development plan Technical report, 1 Oct. 1968 - 31 May 1969	1969
19700091121	Technical report covering an airborne magnetic tape recorder, Borg-Warner model number R-115-000	1969
19700091130	Lunar module - Combined systems test /VAB/	1969
19700091146	What happens when synthetic and protein-base foaming agents are mixed /ques/	1969
19700091150	Test report for pressure regulator	1969
19700091158	Pressure regulator, Accessory Products Company part number 1346X1040	1969
19700091160	Apollo crew couch X-X axis head cyclic impact strut	1969
19700091163	Failure analysis of PT-3538 Epoxy encased power transistors manufactured by TRW Semiconductors, Incorporation	1969
19700091166	Projects briefs /completed projects/, supplement	1969
19700091204	LASL rover program /U/ Quarterly status report, period ending 30 Nov. 1969	1969
19700091206	Development of a thermionic reactor space system /U/ Summary report, 1 Jul. - 31 Oct. 1969	1969
19700091210	Improved method of fuel element incremental mass measurements /U/	1969
19700091212	Development of particles coated with pyrolytic carbon. 8 - Improved core-coat combinations /U/	1969
19700091227	On the numerical computation of gravimetric plumbline deflection differences and their accuracy	1969
19700091262	James Pond and Clark, Incorporated, part no. H220T1-8TT-3, check valve 1/2 inch, 6000 psig	1969
19700091269	James Pond and Clark 1/4 inch 3000 psig hydraulic bleed valve part number P-13-228 /NASA control no. 3393-4/	1969
19700091270	Pressure regulator, Marotta Valve Corporation part no. 230904	1969
19700091271	Anaconda Metal Hose Company P/N 83507-101 flexible metal hose, two inch psig liquid hydrogen /NASA control 3236/	1969
19700091273	Grove Valve Company 3000-750 psig pressure regulator /NASA control no. 3058-4/	1969
19700091274	Failure analysis of one Solid State Products, Incorporated, type 2N2850 transistor	1969
19700091276	Marotta pressure regulators, P/N 75M08829-3, S/N's 168 and 209, leakage. VPN 227464 - J11, E02510	1969
19700091282	Marotta hand loading regs /2/ P/N 227464- J11, EO 2461, NASA P/N 75M08829-1, S/N'S 135 and 160, seat leakage and erratic action	1969
19700091283	Lox impact test, Dow Corning 200 silicone fluid, lot no. AA-7945, viscosity at 25 C, 100,000 centistokes /Dow Corning 71984/	1969
19700091286	Calculation of power release due to gamma radiation in zones close to the core of fast reactors	1969
19700091293	Marotta Valve Company pressure regulator P/N 229954-1, NASA control no. 3376-4	1969
19700091294	Lox impact test, halocarbon oil series 10-25, 2 pound cans, 7 each, serial no. 1-7 /halocarbon 07644/	1969
19700091295	Marotta pressure regulator, P/N 230344, NASA P/N 75M51168-1, S/N 137. Failure to stabilize at preset pressure	1969
19700091296	Evaluation of zinc rich coatings on stainless steel tubing	1969
19700091313	Failure analysis of three 9044, two 9046, and one 9047 Fairchild integrated circuits	1969
19700091315	Examination of contamination on J-105 connector pins, Control Data 165 plotter	1969
19700091317	Marotta Valve Corporation, 3-way, 2-position pneumatic solenoid valve, NASA control no. 3076-4	1969
19700091324	Consolidated Precision Corporation one inch 300 psig flexible hose assembly /NASA control no. 3342-4/	1969
19700091325	Marotta Valve Company part no. 202873-113. Solenoid valve, 1/4 inch, 750 psig GN2	1969
19700091326	Pressure reducing regulator, Grove Valve and Regulator Company	1969
19700091327	Relief valve one by two-inch, 300 psig, Anderson Greenwood part number 2510D12/S modified	1969
19700091328	Two-inch normally open pneumatic globe valve, NASA control no. 3083-4	1969
19700091329	Nonmetallic materials design guidelines and test data handbook	1969
19700091337	Project briefs /active projects supplement/	1969
19700091338	Failure analysis of United Aircraft Corporation type H-2024 and H-2025 hybrid microcircuits	1969
19700091350	Floidyne Controls Incorporated two-way, two-position hydraulic valve, pilot operated and controlled. NASA control no. 3407-4	1969
19700091352	Associated Test Laboratories, Incorporated, job no. T-9572, pressure switch	1969
19700091354	Solenoid valve, sterer P/N 26370-2 NASA P/N 75M08841-3. Failure to give reset signal	1969
19700091369	QRC-430 /SUAWACS analysis/ /U/ Final analysis report, Feb. - Jul. 1969	1969
19700091370	Real-time damage detection and assessment study - Radiography techniques, phase 2 /U/ Final report, 1 Mar. 1968 - 1 Apr. 1969	1969
19700091371	Manufacturing methods for radar absorbing materials /U/ Final technical report, 1 Apr. 1968 - 1 Oct. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091372	Minuteman flight test report. FTM 1276 'Olympic trials B-10' /20 September 1969/ LGM-30B pacer kite special test launch number 10 WS-133A /U/	1969
19700091375	Dynamic stability tests on some proposed configurations of the RVTO S-7 vehicle at Mach number 8 /U/ Final report	1969
19700091438	To establish and operate a planetary patrol program Status report, 1 Jul. - 31 Dec. 1969	1969
19700091440	Experiment definition study of the Position Location and Aircraft Communications Equipment /PLACE/ concept. Volume 1 - PLACE concept description and summary of study results Final engineering report, Aug. 1968 - Aug. 1969	1969
19700091441	Experiment definition study of the Position Location and Aircraft Communications Equipment /PLACE/ concept. Volume 2 - Air traffic control system requirements Final engineering report, Aug. 1968 - Aug. 1969	1969
19700091442	Experiment definition study of the Position Location and Aircraft Communications Equipment /PLACE/ concept. Volume 3 - Experimental PLACE system description Final engineering report, Aug. 1968 - Aug. 1969	1969
19700091443	Experiment definition study of the Position Location and Aircraft Communications Equipment /PLACE/ concept. Volume 4 - Communication studies Final engineering report, Aug. 1968 - Aug. 1969	1969
19700091444	Experiment definition study of the Position Location and Aircraft Communications Equipment /PLACE/ concept. Volume 5 - Position location studies Final engineering report, Aug. 1968 - Aug. 1969	1969
19700091446	OSO-IJK study, volume 1 Final report	1969
19700091447	OSO-IJK study, volume 2 Final report	1969
19700091459	Narrow band detection /U/ Interim technical report, May - Dec. 1969	1969
19700091460	SADS 3 lens study /U/ Final report, Sep. 1967 - Jan. 1969	1969
19700091469	Proceedings of the Thermionic Conversion Specialist Conference /U/	1969
19700091485	Redeye Air-launched Missile /RAM/ evaluation test /U/ Final report	1969
19700091486	Hardened directional antenna /U/ Final report, 26 Feb. 1968 - 15 Sep. 1969	1969
19700091514	Reentry data, WTR test number 5359 /U/ Final report, 20 Aug. 1969	1969
19700091539	Preparation and consolidation of UO2 coated with molybdenum powder /U/	1969
19700091541	RF transparent infrared reflective coating study, part 2 /U/ Technical report, Jul. 1968 - Jul. 1969	1969
19700091554	Research in adaptive systems Annual report	1969
19700091556	An analysis of film cooling as an alternate thermal protection system for spacecraft during atmospheric re-entry Quarterly status report, May - Jul. 1969	1969
19700091557	Quarterly progress report, 15 March - 15 June 1969	1969
19700091558	Electron beam welding of thick sections Monthly progress letter, 15 Jan. - 15 Feb. 1969	1969
19700091559	Evaluation testing of modified encapsulation method for reactor, filter - Naval Air Systems Command drawing 1563301 Final report	1969
19700091566	Optical pyrometer for gas turbine buckets	1969
19700091571	Qualification report for filter, bandpass per BuWeps drawing 1821050	1969
19700091572	Qualification report for crystal, per BuWeps drawing 2457230-2 and 2457230-3	1969
19700091573	Qualification report for connector, electrical receptacle per BuWeps drawing 2840675	1969
19700091575	Optical pyrometer for gas turbine buckets	1969
19700091576	Qualification report for capacitor per BuWeps drawing 2576698	1969
19700091578	Cryogenic research and development Progress report, period ending 31 Dec. 1969	1969
19700091580	MMS M146 /Devcon F/ for sealing capillary leaks in electronic cases	1969
19700091582	Qualification report for termination, impedance matching per General Dynamics drawing 423-800383	1969
19700091585	Component failure analysis report. Evaluation test for diode, zener	1969
19700091586	Component failure analysis report	1969
19700091608	Evaluation testing of modified encapsulation method for reactor, filter - Naval Air Systems Command drawing 1563300 Final report	1969
19700091609	Electron beam welding of thick selections	1969
19700091616	Experiment definition study of the Position Location and Aircraft Communication Equipment /PLACE/ concept utilizing the Application Technology Satellite /ATS/-E Final report, Jun. - Nov. 1969	1969
19700091624	Reliability verification test procedure - C3, part number 2760346-1 and 2760346-2	1969
19700091648	Pyrolyzer - Hydrogen flame ionization detector organic analyzer study Monthly progress report, 1-31 Jan. 1969	1969
19700091649	Pyrolyzer - Hydrogen flame ionization detector organic analyzer study Monthly progress report, 1-31 Dec. 1969	1969
19700091669	Qualification report for connector, receptacle, electrical per BuWeps drawing 2841227	1969
19700091691	Qualification report for connector, electrical per BuWeps drawing 1820907	1969
19700091692	Qualification report for connector, receptacle per Amicom drawings 10662191 and 10662192	1969
19700091693	Component evaluation report on filter, electrical, 400 Hz lowpass, fixed	1969
19700091694	Qualification report for coil, radio frequency per BuWeps drawing 2638691	1969
19700091695	High temperature sensors for small gas turbines	1969
19700091696	Evaluation test report on centrifugal fan used in AN/SPG-49 and 51 radars	1969
19700091699	Study of the mechanisms of sand and dust erosion in gas turbine engines	1969
19700091700	Tungsten reinforced oxidation resistant columbium alloys	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091710	Study of the effects of breathing liquid fluorocarbons on regional differences in pleural pressures and other physiological parameters Progress report, 1 Jul. - 1 Oct. 1969	1969
19700091718	Studies of attention and alertness Final progress report, period ending 31 Dec. 1969	1969
19700091719	Study of a unified hardware-software design of a microprogrammed system Quarterly report, 1 Sep. - 30 Nov. 1969	1969
19700091723	Investigation to establish a theoretical description of soil-tire interaction under moving wheel of aircraft Progress report	1969
19700091733	Quarterly progress letter number 2, 16 September - 15 December 1969	1969
19700091759	Connector, printed wiring edge-on, removable contacts, molex	1969
19700091761	[No Title]	1969
19700091763	[No Title]	1969
19700091764	[No Title]	1969
19700091771	Component failure analysis report	1969
19700091772	Compatibility studies for viable titanium matrix composites	1969
19700091773	Compatibility of Freon with component parts	1969
19700091774	High temperature sensors for small gas turbines	1969
19700091776	Mission sequence no. 2 for vibration and combined environmental tests on the digital ranging generator equipment part of Apollo C and D subsystem	1969
19700091778	C3 reliability verification test procedure, part number 2760101-1	1969
19700091779	C-3 reliability verification test procedure, part number 2760198-1	1969
19700091780	Final electrical test digital ranging generator	1969
19700091783	Application analysis of electron tubes V302 and V303 in the sidewinder and chaparral guidance control group	1969
19700091785	Component failure analysis report	1969
19700091787	Failure diagnosis of transistor	1969
19700091788	High temperature sensors for small gas turbines	1969
19700091789	Study of the mechanisms of sand and dust erosion in gas turbine engines	1969
19700091790	Qualification test report of electrical microminiature connectors	1969
19700091791	Qualification test on Bendix LJT connector	1969
19700091793	Optical pyrometer for gas turbine buckets	1969
19700091795	High temperature sensors for small gas turbines	1969
19700091800	Optical pyrometer for gas turbine buckets	1969
19700091801	Optical pyrometer gas turbine buckets	1969
19700091803	Electron beam welding of thick sections Monthly progress letter, 15 Dec. 1968 - 15 Jan. 1969	1969
19700091804	Fundamentals of diffusion welding	1969
19700091805	Compatibility studies for viable titanium matrix composites Progress letter, May 1969	1969
19700091806	Study of the mechanisms of sand and dust erosion in gas turbine engines	1969
19700091807	Compatibility studies for viable titanium matrix composites Progress letter, Apr. 1969	1969
19700091816	Effects of sustained acceleration, coriolis acceleration and bed rest on precision psychomotor control performance	1969
19700091824	Qualification report for crystal, per Bu Weps drawing 2622530-1 and 2	1969
19700091827	Qualification of connector receptacle for use in improved Hawk HPI	1969
19700091829	Erie technological products fixed, ceramic capacitors	1969
19700091830	High temperature sensors for small gas turbines Monthly report	1969
19700091831	Fabrication and test of long stiffened panels for F14 aircraft	1969
19700091832	Qualification of RF coils for use in improved Hawk missile	1969
19700091890	Multipath effects on GRARR tracking utilizing a data-relay satellite Final report	1969
19700091894	Flywheel study for rotary drive shipboard catapult application, volume 1	1969
19700091899	AS-507 post launch software assessment - Saturn launch computer complex Final report, Jun. - Nov. 1969	1969
19700091919	Electric currents in the ionosphere of the polar caps	1969
19700091920	Average intensity of the electric currents in the ionospheres of the polar caps as a function of the planetary magnetic activity	1969
19700091950	Ground safety plan for HEUS motor static firing at Janet Island /ENIWETOK/, revision	1969
19700091953	Investigation of ductility and fracture phenomena in metals by high pressure techniques Technical report, 1 Jun. - 30 Nov. 1969	1969
19700091954	Concerning the theory of seasonal frequency of noctilucent clouds occurrence	1969
19700091959	Planetary meteorology Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700091966	Phase 2 of a sterilization and storage compatability study of growth media for extraterrestrial use Monthly progress report	1969
19700091970	Periodic report for US Department of Agriculture, 1 July to 15 December 1969	1969
19700091981	Evaluation of use of epoxy adhesive as substitute for O-ring seal in high pressure GH2 storage system	1969
19700091982	Capital Westward, Incorporated P/N 25170-b, 4-inch liquid hydrogen filter, NASA P/N 75M05752, HF1, NCN 3239-4	1969
19700091983	Deformed Kynar seals from S14-132 FDS, MSS, AS-506 /Pennsalt Chemical Corporation, H4 code 86460/	1969
19700091984	Vent Solenoid /VS-4/ coupling nut	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091988	On diurnal magnetic activity in polar caps	1969
19700091991	Dielectric properties of battery electrolytes, 1 July - 30 September 1969	1969
19700091992	Application of integral damping for duct assembly vibration suppression	1969
19700091996	Pneumatically operated 4-inch butterfly valve, NASA P/N 75M05869 LBFV-24, NCN no. 3096-4	1969
19700091997	Analysis of stainless steel tubing	1969
19700091998	Evaluation of solder flux for corrosion potentiality /Superior no. 30/ /Superior Flux Company H4 code, 87618/	1969
19700091999	Abrasive material for blasting of steel surface, Saf-T-Blast /Mineral Aggregates, Incorporated, Tampa, Florida/	1969
19700092000	Evaluation of coatings for cobalt and nickel base superalloys	1969
19700092004	Helical coil research and development program	1969
19700092011	Spring transition of winds in the mesosphere and frequency of noctilucent clouds	1969
19700092019	The dissociative ionization of N ₂ , O ₂ , H ₂ O, CO ₂ and ethane	1969
19700092020	Double solenoid, four-way, two-position, Marotta P/N 227404-3, model PV43D, E03086, NASA P/N 75M08827-4	1969
19700092022	B nut sleeves, S-11-4 GSE	1969
19700092042	Semiannual status report, 1 November 1968 - 30 April 1969	1969
19700092048	A heat tube of new design - The screw-thread artery heat tube	1969
19700092053	Photoionization investigations of atomic rays. 1 - The measurement of photo yields with the assistance of the photoionization of the hydrogen atom	1969
19700092055	Qualification of capacitor, fixed ceramic dielectric	1969
19700092056	Mechanical testing of 6AL-4V titanium alloy plates welded by the hotwire TIG and conventional TIG process	1969
19700092057	Tungsten reinforced oxidation resistant columbium alloys	1969
19700092058	Applications of a programmer comparator to avionics systems off-line testing	1969
19700092059	Evaluation tests on connectors, electrical, moulded body, manufacturers type 42-46-74-SA, 42-52-74-PA	1969
19700092066	APJ fact sheet. How to use probability paper, statistical distributions	1969
19700092067	Effects of ions in plastics on semiconductor devices	1969
19700092068	Evaluation of subminiature sealed cartridge, fuses	1969
19700092090	Evaluation of Aerovox Corporation, Hi-Q Division part number LMC705C473K tubular, ceramic capacitor	1969
19700092091	Evaluation of heat exchanger weldments	1969
19700092105	Qualification report for cable, coaxial per General Dynamics drawing 423-800357	1969
19700092107	Evaluation tests on capacitors, fixed, non-solid electrolyte, tantalum, manufacturer's type 202D707X0100A5	1969
19700092108	Plating through holes Final specification	1969
19700092109	Qualification tests of six printed wire boards, ultraminiature, multilayered, 61-contact connector pairs	1969
19700092110	Qualification test report, ring, electrical contact, capsule assembly	1969
19700092114	Solenoid valve	1969
19700092115	High density, rectangular, rack and panel sample lot acceptance test	1969
19700092116	Development of beryllium honeycomb sandwich composite for structural and other related applications	1969
19700092118	Evaluation of coatings for cobalt and nickel base superalloys	1969
19700092119	Royal Industries, NASA P/N 75M05869 LBFV-30 /identified as LBFV-13 in test report/ pneumatically operated butterfly valve, NCN 3214-4	1969
19700092120	Autumn transition of winds in the mesosphere and noctilucent clouds	1969
19700092121	Investigation of space-related "whistler" propagation phenomena in laboratory plasmas Semiannual report, 1 Jul. - 31 Dec. 1969	1969
19700092123	APCO hand valve, P/N 5073 X 1007, NASA P/N 75M05871 PAV-4, leakage through valve /GN2/	1969
19700092124	Evaluation of coatings for cobalt and nickel base superalloys	1969
19700092132	Evaluation of Motorola 2N3635 and 2N3637 silicon transistors	1969
19700092133	Life test of 20 KW xenon lamps in searchlight set AN/TVS-3 pad lighting system	1969
19700092136	Apollo SPS engine bipropellant valve mod IE	1969
19700092139	Short detection - Multi-layer boards	1969
19700092140	Evaluation of Fairchild FSA1192 quad diodes	1969
19700092152	The 260-Inch Diameter Solid Rocket Motor in Booster Applications	1969
19700092207	Studies in fundamental chemistry of fuel cell reactions Quarterly report, 1 Jan. - 31 Mar. 1969	1969
19700092239	Sterilization and storage compatibility study of growth media for extraterrestrial use Final monthly progress report	1969
19700092246	EMR model 81-8100, five watt VHF telemetry transmitter Final summary report, 26 Jun. 1967 - 10 Nov. 1969	1969
19700092254	Phase 2 of a sterilization and storage compatibility study of growth media for extraterrestrial use Monthly progress report	1969
19700092259	Studies in heterocyclic synthesis Annual report, Jun. 1968 - May 1969	1969
19700092260	Materials for potassium lubricated journal bearings Status report, 22 Aug. - 22 Sep. 1963	1969
19700092261	Materials for potassium lubricated journal bearings Status report, 22 Jul. - 22 Aug. 1963	1969
19700092286	Quasi-stationary tensor virial theorem	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092290	Progress on lunar gravitational potential determination by analysis of Lunar Orbiter tracking data	1969
19700092291	The colorless flagellate, <i>Astasia longa</i> and a UV-produced mutant. 1 - Growth and physical characteristics	1969
19700092292	Ion concentrations of heavy element plasmas in Saha equilibrium	1969
19700092293	Construction of prototype triggered gap switch, part 1	1969
19700092294	Analog reduction program - ANRD6. Program library no. 2059	1969
19700092296	Final fourth year report, 1 July 1968 - 30 September 1969	1969
19700092300	The magnetic field of the magnetosphere and tail	1969
19700092306	Solid state studies in ceramic alloys Quarterly progress report, 1 Sep. - 30 Nov. 1969	1969
19700092311	A mass spectrometer-accumulator cell technique for contaminant gas analysis	1969
19700092312	Wind-tunnel techniques for the study of aeroelastic effects on aircraft stability, control, and loads	1969
19700092325	Leading edge flow by the Monte Carlo direct simulation technique	1969
19700092326	An integral formulation of the wake recirculation region	1969
19700092327	Do accelerating electrons radiate /ques/	1969
19700092333	Ionospheric distortion of Minitrack signals in South America	1969
19700092337	Light Induced Modulation of Absorption /LIMA/ in CdS	1969
19700092338	Approximate joint probabilities for largest and smallest of a set of independent observations	1969
19700092344	Topological solution of bilateral switching networks	1969
19700092347	Some convergence properties of spectrum line profile inversion	1969
19700092351	Water contamination in thermal oxide on silicon	1969
19700092361	Cepheid variables and the Magellanic clouds	1969
19700092366	Heat transfer effects due to vortex in spinning rocket motors with a segmented tubular grain	1969
19700092367	Effects of intermittency on return-signal frequency spectra	1969
19700092368	Wake structure measurements. Advanced penetration problems Final report	1969
19700092374	A study for flywheel for SATS application	1969
19700092394	Agricultural applications and requirements Monthly report, Dec. 1969	1969
19700092403	Report on test on 08-00652 audio transformer	1969
19700092404	Qualification of valve, restrictor for use in self propelled launcher	1969
19700092405	Qualification report for connector per General Dynamics DWG-423-80 0341-2,-3	1969
19700092406	Component evaluation report	1969
19700092407	Evaluation of socket for dual in line integrated circuits	1969
19700092408	Semiconductor device, diode, rectifier, silicon, power, Westinghouse part number 577R240H01	1969
19700092409	Evaluation of General Electric type 17K, hermetically sealed wet slug tantalum capacitors for space flight applications	1969
19700092412	Calibration and operation procedures frequency to analog converters Launch Complex 39	1969
19700092414	Evaluation testing under laboratory, simulated environmental and operating life conditions for reactor, filter - NASC 1563301	1969
19700092415	Hot corrosion of coated superalloys in a gas turbine environment	1969
19700092416	Qualification report for filter, bandpass, matched pair per BuWeps drawing 1821052	1969
19700092417	Reliability of parylene films	1969
19700092419	Atmospheric microbiocidal contamination in manned spacecraft	1969
19700092420	Qualification of resistor, fixed, film for use in improved Hawk HPI	1969
19700092423	Penetration systems studies Final report, Mar. - Oct. 1969	1969
19700092426	Failure analysis of two American Micro-Systems, Incorporated, integrated circuits, one C1156 and one C1074	1969
19700092427	Wallace and Tiernan pressure switch, type FA-193110 /Manufacturer H4 code 63591/	1969
19700092430	Failure analysis of three Dorsett Electronics subcarrier oscillator modules	1969
19700092432	Operating life tests, digital ranging generator, model PQ4	1969
19700092433	Temperature, transducer	1969
19700092434	Absolute pressure transducer	1969
19700092435	In-flight maintenance for space stations	1969
19700092436	C3 reliability verification test procedure, part number 2760107-2C9311, 1	1969
19700092437	C3 reliability verification test procedure, part number 2760107-2C9311, 2	1969
19700092439	Qualification of resistor, fixed wirewound for use in improved Hawk H.P.I., resistor, fixed wirewound, vitreous enamel, 6.5 watts	1969
19700092440	Rate gyroscope unit Failure analysis report	1969
19700092441	Component evaluation report on transformer, current, enclosed, 60 Hz - 400 Hz	1969
19700092442	Apollo ground disconnects	1969
19700092443	Propellant latching solenoid valve	1969
19700092444	Determination of thermal impedance, junction- to-case of semiconductor diodes	1969
19700092445	Component evaluation report	1969
19700092446	Fuel shutoff valve development test	1969
19700092447	Evaluation of Motorola 2 N3026 power transistors for space flight applications	1969
19700092448	System for drop weight manipulation	1969
19700092449	Monostable multivibrator	1969
19700092452	Failure analysis of one crystalonics type NCDA1-3 hybrid microcircuit	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092453	Herculite 80, vinyl clad nylon fabric /Herculite, H-4 code, 13324/	1969
19700092455	Portable resuscitators /Stephenson/, and /Stanton/, and materials compatability with O2	1969
19700092456	Aluminum crack growth studies	1969
19700092457	Comments/notes as regards plastic encapsulated semiconductor devices	1969
19700092458	Prevention of stress corrosion in aluminum	1969
19700092459	The effect of stress ratio during crack propagation and fatigue life for 2024-T-3 and 7075-T6 AL	1969
19700092460	Qualification of transformer, power, stepdown for use in improved Hawk system	1969
19700092461	Bench tests - Digital ranging generator, model PQ4	1969
19700092462	Vacuum tests - Digital ranging generator, model PQ4	1969
19700092466	Environmental thermal testing Apollo Block 2 oxygen tank	1969
19700092468	Electrostatic discharges during fuel handling and transfer	1969
19700092469	Qualification of transformer, power, step up for use in high volt, power supply	1969
19700092470	Qualification of resistor, fixed, film for use in improved Hawk HPI	1969
19700092477	Low-pressure relief valve	1969
19700092478	Apollo dual passage umbilical hose assemblies	1969
19700092480	Digital ranging generator	1969
19700092481	Pressure switch, assembly-LO2 tank	1969
19700092483	Semiconductor workmanship inspection	1969
19700092485	Fabric, MIL-C-20696, type 2, class 3, polyether open-cell foam, MIL-P-26154, type 1, class 2, styrene, federal specification L-P-526	1969
19700092486	Oxygen flammability tests of fluorocarbon elastomer gum stock, Raybestos RL-3450	1969
19700092494	Airborne phase comparison radar. Flight test program, phase 2 /U/ Final scientific report, 12 Sep. 1968 - 31 Jul. 1969	1969
19700092499	Qualification report for contact, electrical per BuWeps drawing 1820908	1969
19700092501	Component evaluation test for second source	1969
19700092523	Cosmic dust detector model ML 309-1 and cosmic dust detector ground support equipment model ML 310-1 Final engineering report	1969
19700092525	Qualification of resistor, variable for use in improved Hawk missile	1969
19700092527	Static inverter	1969
19700092531	Pressure transducer	1969
19700092532	Secondary liquid-hydrogen tank vent valve	1969
19700092533	Saturn S-2 separation assembly detonation transfer block PN 21487	1969
19700092535	Apollo SPS engine, Mod IE bipropellant valve	1969
19700092536	Absolute pressure transducer	1969
19700092537	Vacuum, check valve	1969
19700092566	Environmental evaluation test program for alternate low noise transistor types to the WEC P/N 7880984H02 /2N3839W/ Final report	1969
19700092567	Survey of flame resistant properties of aircraft interior materials	1969
19700092569	Qualification of semiconductor device, diode for use in improved Hawk missile	1969
19700092581	C-130 qualification test report for seaboard transient suppressor	1969
19700092583	DC pulse withstand tests on nine carborundum resistors	1969
19700092584	Evaluation testing of radio frequency connector, SMP, receptacle plug, 579R771	1969
19700092585	Qualification of semiconductor device, diode for use in improved Hawk missile	1969
19700092587	Evaluation of Fairchild 2N4023 matched pair differential amplifier. Transistors for space flight applications	1969
19700092588	Qualification of fuse, indicator alarm for use in improved Hawk missile	1969
19700092590	Evaluation testing of modified encapsulation method for reactor, filter Naval Air System Command drawing 1563301 Letter report	1969
19700092599	Reliability verification test for LMSC P/N 2360728-1	1969
19700092605	Qualification of valve, plug for use in self-propelled launcher	1969
19700092607	Qualification of check valve for use in self-propelled launcher	1969
19700092608	Qualification of valve, restrictor for use in self-propelled launcher 2	1969
19700092609	Evaluation of Servonic Division of Gulton Industries, Incorporated, P/N 2091-9601, 0-4000 PSI pressure cooker	1969
19700092610	Optical pyrometer for gas turbine buckets	1969
19700092611	Mechanisms of sand and dust erosion in gas turbine engines, evaluation test report	1969
19700092613	Evaluation of US Capacitor Corporation P/N C22C393K tubular, ceramic capacitor	1969
19700092619	C3 reliability verification test procedure part number 2760107-2C1R00	1969
19700092626	Qualification of valve, resistor for use in self-propelled launcher	1969
19700092627	Evaluation of Motorola 2N2979 dual transistor for space flight applications	1969
19700092629	Integrated circuits life test	1969
19700092630	Qualification of filter, low pass for use in improved Hawk missile	1969
19700092633	Qualification report for connector, plug, electrical per General Dynamics drawing 4	1969
19700092634	Qualification report for transformer per BuWeps drawing 2840263	1969
19700092635	Integrated circuit - 16 bit memory	1969
19700092636	Partial qualification of thermostatic switches	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092637	Integrated circuit - 16 bit memory cell	1969
19700092638	Report of test on 08-00662-001, 003, 005 band pass filter	1969
19700092639	Qualification report for switch, rotary /general technical data/	1969
19700092644	Qualification of flexible cable assemblies	1969
19700092645	Qualification of RF connectors	1969
19700092646	High throwing power solder /tin-lead/ plating solution	1969
19700092647	Evaluation of National semiconductors LM103 regulator diodes for space flight application	1969
19700092648	Evaluation test, 4 channel driver with Mosfet switch Test report	1969
19700092649	Evaluation test, high speed comparator, integrated circuit Test report	1969
19700092650	Evaluation of IRC Division of TRW, Incorporated, P/N CCM T-O 499 kilohms plus or minus 1 percent metal film resistor	1969
19700092651	Evaluation of Fairchild 2N2484 transistors for space flight applications	1969
19700092652	Qualification report for transistor per BuWeps drawing 257693	1969
19700092656	Temperature cycling of LM integrated circuits, 1	1969
19700092657	Temperature cycling of LM integrated circuits, 2	1969
19700092659	Resistor, variable, nonwirewound, final specification	1969
19700092660	Investigation on timer, electrical, digital	1969
19700092661	Status of Mk 88 /Poseidon/ module testing, 2	1969
19700092662	Status of Mk 88 /Poseidon/ module testing	1969
19700092663	Card interchangeability demonstration test plan	1969
19700092665	Qualification report for diode per BuWeps drawing 2577356	1969
19700092674	Qualification of electrical connectors for use in improved Hawk missile	1969
19700092675	Qualification of electrical connectors for use in improved Hawk missile	1969
19700092676	Qualification of crystal for use in improved Hawk missile	1969
19700092677	Qualification of miniature RF plug connectors	1969
19700092678	Evaluation of DTUL 9093 dual flip-flop	1969
19700092679	Qualification report for switch assembly by AMECON drawing 10240586	1969
19700092680	Titanium plating rate enhancement studies	1969
19700092681	Qualification of capacitor, fixed, ceramic for use in improved Hawk missile	1969
19700092682	Long-time hot corrosion testing of coated superalloys	1969
19700092683	Evaluation of transformers	1969
19700092684	Qualification test of ceramic capacitors to replace SPN 1602088-223	1969
19700092685	Evaluation of Inertia Switch, Incorporated, P/N 6U0114B accelerator switch	1969
19700092686	Gold plated electrical contacts	1969
19700092691	Study of the mechanisms of sand and dust erosion in gas turbine engines	1969
19700092692	Study of the mechanisms of sand and dust erosion in gas turbine engines Monthly report	1969
19700092693	Quality conformance test report for logarithmic video amplifier	1969
19700092694	Qualification of restrictor valve for use in self-propelled launcher	1969
19700092695	Status of Mk 88 /Poseidon/ module testing, 4	1969
19700092701	Deployment of tethered orbiting interferometer	1969
19700092702	Temperature cycling of LM integrated circuits	1969
19700092703	High altitude evaluation, electrical connector	1969
19700092713	Integrated circuit line driver - Digital, high voltage, high current	1969
19700092714	Qualification test report for wideband amplifier integrated circuit	1969
19700092729	Qualification report for regulator, voltage per General Dynamics drawing 423-800345	1969
19700092732	Status of Mk 88 /Poseidon/ module testing, 5	1969
19700092736	Dual, NPN, flat-pack transistor	1969
19700092738	Status of MK 88 /Poseidon/ module testing, 2a	1969
19700092739	Qualification report for microelectronic device per General Dynamics drawing 423-800379	1969
19700092745	Qualification report for microelectronic device per General Dynamics drawing 423-800367	1969
19700092750	Status of Mk 88 /Poseidon/ module testing, 7	1969
19700092751	Status of Mk 88 /Poseidon/ module testing, 10	1969
19700092754	Handling procedures for 6AH and 12AH nickel- cadmium cells and batteries	1969
19700092780	Activation analysis for selected elements in micrometeorites and hypervelocity projectiles Quarterly progress report, 1 Oct. - 31 Dec. 1969	1969
19700092788	Valve, servo, electrohydraulic, BuWeps part number 2586722-1, Abex Corporation Aerospace Division, part no. 76167	1969
19700092790	Magnetic characteristics of spacecraft materials	1969
19700092809	Control of fluorine in CVD tungsten /U/	1969
19700092811	Evaluation of Dickenson solid tantalum capacitors	1969
19700092812	Evaluation of Microdot, Inc., p/n 031-0050-0001 screw-on, receptacle, coaxial connector	1969
19700092816	Qualification of connectors, high voltage for use in HPI modularized HVPS	1969
19700092817	Proposal, manufacture of aerospace components by CSDB	1969
19700092818	Qualification of filter, low pass for use in improved Hawk missile	1969
19700092819	Qualification of capacitor, fixed ceramic, dielectric for use in improved Hawk Missile	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092823	The impact of computer aids on engineering and engineering management	1969
19700092825	Qualification of resistor, variable for use in self propelled launcher Final report	1969
19700092826	Evaluation tests on inductor, RF, manufacturer's type 1025	1969
19700092829	Qualification of filter, low pass for use in improved Hawk missile	1969
19700092831	Status of Mk 88 /Poseidon/ module testing	1969
19700092832	Status of Mk 88 /Poseidon/ module testing	1969
19700092833	Status of Mk 88 /Poseidon/ module testing	1969
19700092834	Examination of vent assembly area of GH-2 storage vessels, LC-39	1969
19700092835	Nu-Chem Industries, Incorporated, Nu-lube grease, batch no. 112	1969
19700092836	Status of Mk 88 /Poseidon/ module testing	1969
19700092838	APCO dome loaded regulators, P/N 130800, Douglas P/N 1A66985-509, S/N's 81 and 84, seat leakage	1969
19700092839	Cutler-Hammer, Incorporated P/N 8821-k6 switches /Manufacturer H-4 code, 17465/	1969
19700092842	Status of Mk 88 /Poseidon/ logic module testing	1969
19700092843	Poseidon reliability verification test procedure part number 2760105	1969
19700092846	Qualification report for mixer, detector RF per General Dynamics drawing 423-800363	1969
19700092847	Partial qualification of 3-ampere rectifiers	1969
19700092849	Partial qualification of three-phase bridge rectifiers	1969
19700092850	PS-TRW-6 Company information survey, solder cracking problems with flat packs	1969
19700092851	Evaluation of varactor diode	1969
19700092852	High voltage silicon rectifier	1969
19700092853	Evaluation of National Semiconductor LM100 monolithic voltage regulators for space flight applications	1969
19700092855	Mission sequence no. 2 combined environments- digital ranging generator	1969
19700092856	Wire, cable and harness-chrome-nickel alloy, tetrafluoride, multiple strand-harnessed, sleeved, shielded, qualification test	1969
19700092857	Rotation control cable	1969
19700092858	Battery spacecraft, storage silver oxide-zinc 29 voltage	1969
19700092859	Status of Mk 88 /Poseidon/ logic module testing	1969
19700092862	Status of Mk 88 /Poseidon/ module testing	1969
19700092863	Qualification report for microelectronic device per General Dynamics drawing 423-800343	1969
19700092867	Qualification report for microelectronic device per General Dynamics drawing 423-800376	1969
19700092868	Status of Mk 88 /Poseidon/ module testing	1969
19700092869	Status of Mk 88 /Poseidon/ module testing	1969
19700092870	Status of Mk 88 /Poseidon/ module testing	1969
19700092871	Status of Mk 88 /Poseidon/ module testing	1969
19700092872	Status of Mk 88 /Poseidon/ module testing	1969
19700092873	Status of Mk 88 /Poseidon/ module testing	1969
19700092879	Status of MK 88 /Poseidon/ module testing, 14	1969
19700092880	Status of MK 88 /Poseidon/ module testing, 12	1969
19700092883	Status of MK 88 /Poseidon/ module testing, 15	1969
19700092884	Radiation effects in chromium gate MOS FET's	1969
19700092885	Flow angularity problems associated with the flow control valve - Lockheed 4-foot x 4-foot intermittent wind tunnel	1969
19700092886	Evaluation of Unitrode UT8110 high current rectifier	1969
19700092887	Evaluation tests on resistors, high megohm, type MH51	1969
19700092888	Reliability verification test for part no. 2760506-1, reactor, electrical	1969
19700092891	Qualification of resistors, variable for use in improved Hawk	1969
19700092892	Resistor, variable	1969
19700092893	Special tests on Motorola transistors on semiconductor, transistor fast switching silicon, p-n-p, process plastic enclosure	1969
19700092894	Evaluation of angstrom "fixed-trim" adjustable resistors	1969
19700092895	Comparison of measured versus predicted antenna deflections STV tests	1969
19700092896	Evaluation testing of radio frequency coaxial tee connector, 577R856	1969
19700092897	Evaluation testing of RF connector	1969
19700092898	Resistor, wire-wound, noninductance, Sage Electronics Corporation	1969
19700092899	Estimation of hazard rate from incomplete data	1969
19700092900	Qualification report for connectors, plug per BuWeps drawing 2239629	1969
19700092901	Qualification report for microelectronic device per General Dynamics drawing 423-800062	1969
19700092903	Qualification of integrated circuit for use in improved Hawk missile Final report	1969
19700092904	Qualification report for semiconductor device for General Dynamics drawing 423-800353	1969
19700092905	Microelectronic functional device	1969
19700092907	Status of standard hardware module testing	1969
19700092908	Status of Mk 88 /Poseidon/ module testing	1969
19700092909	Capacitor, ceramic, 50 volt	1969
19700092910	Batteries, rechargeable, nickel-cadmium	1969
19700092911	Transistor, encapsulated	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092912	Out-of-position fusion welding of 2219 aluminum alloy plate	1969
19700092913	Special design considerations for dielectric- loaded leaky wave antennas	1969
19700092914	Qualification report for transistors for General Dynamics drawing 423-800174	1969
19700092915	Qualification report for microelectronic device for General Dynamics drawing 423-800371	1969
19700092916	Qualification report for microelectronic device per General Dynamics drawing 423-800377	1969
19700092917	Status of Mk 88 /Poseidon/ module testing	1969
19700092918	Status of Mk 88 /Poseidon/ module testing	1969
19700092919	Silicon voltage regulator diode	1969
19700092920	Igniter cartridge assembly compatibility test report	1969
19700092921	Operational amplifier	1969
19700092922	Life test on resistor, fixed for use in improved Hawk HPI	1969
19700092924	Digital ranging generator	1969
19700092925	Status of Mk 88 /Poseidon/ module testing	1969
19700092926	Evaluation of ac motors, ESM 0408, industrial engineering services contract, sergeant field artillery guided missile system	1969
19700092927	Status of Mk 88 /Poseidon/ module testing	1969
19700092928	Status of Mk 88 /Poseidon/ module testing	1969
19700092929	Radio beacon battery Evaluation status report no. 2	1969
19700092930	Standard controlled-reliability parts list	1969
19700092932	Evaluation of Motorola 1N4569A reference diodes for space flight applications	1969
19700092933	Temperature cycling of LM integrated circuits	1969
19700092935	Evaluation tests on inductor, power, manufacturer's type TW62571	1969
19700092936	Status of Mk 88 /Poseidon/ module testing	1969
19700092937	Status of Mk 88 /Poseidon/ module testing	1969
19700092938	Status of Mk 88 /Poseidon/ module testing	1969
19700092939	Status of Mk 88 /Poseidon/ module testing	1969
19700092940	Qualification test on Delevan molded RF coils	1969
19700092941	Capacitor, fixed, glass	1969
19700092942	Structural and mechanical effects of interstitial sinks	1969
19700092943	Compatibility studies for viable titanium matrix composites	1969
19700092945	Solder plating of printed wiring systems	1969
19700092946	Evaluation tests on inductor, power, manufacturer's type TW62572	1969
19700092947	Qualification report for transistor, per General Dynamics drawing 423-800297	1969
19700092948	Evaluation tests on amplifier, differential, operational, type USL-1	1969
19700092949	Evaluation tests on amplifier, voltage reference, integrated circuit, type MCA 1923N	1969
19700092950	C-3 reliability verification test procedure part number 2760107-2C1R00	1969
19700092951	Evaluation of unitorde UTR6410 fast recovery rectifiers for space flight application	1969
19700092952	Evaluation of magnetico P/N 10637 power transformer	1969
19700092954	Pitot Venturi tube, Taylor Instrument Company part number 88579, NASA part number 75M15214-PRO-10-C	1969
19700092955	Status of Mk 88 /Poseidon/ module testing	1969
19700092956	Compatibility studies for viable titanium matrix composites	1969
19700092957	Qualification of transistor for use in improved Hawk ADP	1969
19700092958	Qualification of transformer, pulse for use in improved Hawk	1969
19700092959	Mission sequence no. 1, ground checkout, digital ranging generator equipment	1969
19700092962	Qualification of crystal unit, quartz for use in improved Hawk missile	1969
19700092963	Qualification of transformer, power, step-down for use in improved Hawk HPI	1969
19700092964	Qualification of integrated circuit for use in improved Hawk HPI	1969
19700092965	Qualification of resistor, fixed, wirewound for use in improved Hawk HPI, HVPS	1969
19700092972	Qualification test report of torque motor/tachometer	1969
19700092973	Life testing of miniature incandescent lamps	1969
19700092974	Qualification of switch, push for use in improved Hawk	1969
19700092975	Status of Mk 88 /Poseidon/ module testing	1969
19700092976	Qualification test report for gyroscope displacement	1969
19700092978	Qualification of resistor, variable, for use in improved Hawk missile	1969
19700092979	Qualification of float switch for use improved Hawk H.V.P.S.	1969
19700092980	Qualification of capacitor, fixed, tantalum for use in improved Hawk	1969
19700092981	Electrostatic field and ion current measurements on ICBM's in flight /U/	1969
19700092985	Nose-tip ablation experiments in the ballistics range, using two basic nose shapes /U/ Final report	1969
19700092987	[No Title]	1969
19700092990	Performance evaluation and radar attenuation measurements of CTF/gelled propellants using a fixed thrust engine /U/	1969
19700092991	Qualification of phase changing network for use in improved Hawk	1969
19700092992	Qualification of pressure switch for use in improved Hawk HPI	1969
19700092993	Qualification of integrated circuit for use in improved Hawk	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092994	Qualification of integrated circuit for use in improved Hawk	1969
19700092996	Qualification of capacitor, fixed paper dielectric for use in improved Hawk HPI	1969
19700092997	Qualification of valve, restrictor for use in self propelled launcher	1969
19700092999	Lot qualification and evaluation of Weinschel RF attenuators	1969
19700093001	Qualification of differential amplifier for use in improved Hawk	1969
19700093002	Qualification of coil RF for use in improved Hawk	1969
19700093003	Qualification of RF coil for use in improved Hawk HPI	1969
19700093004	C-3 reliability verification test procedure, part no. 2760061-3C1212	1969
19700093005	C-3 reliability verification test procedure, part no. 2760061-3C1212	1969
19700093006	Component evaluation report	1969
19700093010	Hermetically sealed, metal film resistors	1969
19700093012	Pressure switch, Associated Testing Laboratories, Incorporated, NASA P/N 75M11868, NCN 3174-4	1969
19700093013	Grove hand loading regulator, NASA P/N 65B 23420-25, SN L46581. Back vent leakage /Gn2/	1969
19700093014	Silicon rubber coated fiber glass fabric no. P950	1969
19700093015	Evaluation tests on amplifier, linear, integrated circuit, type USL-1C	1969
19700093016	Research analysis of advanced sensors for turbine inlet gas temperature Evaluation test report	1969
19700093019	Alternate source qualification for JAN2N2222	1969
19700093020	Microelectronic device, amplifier, operational, high gain, 580R320H01	1969
19700093021	Qualification report for connector for General Dynamics drawing 423-800089	1969
19700093022	Evaluation of siliconix 2N3384 P-channel FET	1969
19700093023	Evaluation testing of a 4-Bit universal shift register bipolar MSI integrated circuit	1969
19700093024	Microelectronic file bibliography	1969
19700093026	Attitude determination of towed arrays using a miniature electrostatic gyro	1969
19700093027	Reliability evaluation test, type 101 operational amplifier, linear integrated circuit, 4	1969
19700093028	Effect of ultrasonic tinning of leads of semiconductor devices and integrated circuits	1969
19700093029	Mosaic construction of large scale multimode dispersion curves for dielectric waveguides	1969
19700093030	Evaluation of plastic transistors	1969
19700093031	First article inspection F 00388	1969
19700093032	Topology of programs	1969
19700093033	Qualification of coil RF for use in improved Hawk	1969
19700093034	An 820 ohms on resistor, fixed silicon	1969
19700093040	Fungus analysis of launcher electrical equipment	1969
19700093044	C-3 reliability verification test procedure, part no. 2760061-1COR10 on resistor, fixed, wirewound, molded or dipped 1-2 watts	1969
19700093046	Evaluation of IRC Division of TRW Incorporated, style CCB T-0 3.01 megohms plus or minus 1 percent metal film resistor	1969
19700093047	C-3 reliability verification test procedure, part no. 2760010 on semiconductors, diode, bridge silicon, planar, diffused	1969
19700093048	Determine coil sensitivity interaction between BRDJL6 Deutsch relays when mounted with 1/32 inch spading	1969
19700093049	Relay qualification test	1969
19700093051	Some terminology for reliability demonstration testing	1969
19700093052	Corrosion analysis of launch tube installation tools	1969
19700093053	Qualification of rotary switches for use in FME	1969
19700093054	Qualification of connector, receptacle, electrical for use in Hawk system	1969
19700093056	Metallurgical evaluation to determine the effects of die quenching 2014 and 2024 aluminum alloys	1969
19700093057	Qualification of radio frequency connector, adapter, feed through, miniature	1969
19700093060	Qualification report for transistor per General Dynamics drawing 423-800080	1969
19700093061	Evaluation of Fairchild muA741 operational amplifier	1969
19700093063	Qualification of coil RF for use in improved Hawk	1969
19700093064	Reliability verification test procedure, part no. 2760087-2C3013 on resistor, fixed, metal film, precision, molded/dipped, 0.05 to 0.10 watt	1969
19700093066	Reliability verification test for P/N 2760115 transistors	1969
19700093072	Qualification of connector, receptacle, electric for use in Hawk system	1969
19700093075	A MOSFET model for computerized analysis	1969
19700093076	Reliability verification test procedure, part no. 2760087-2C3013	1969
19700093079	The axial gradient laser	1969
19700093080	Setting quality level goals	1969
19700093081	Evaluation of National Semiconductor Corporation's 2N2907 and 2N2907A transistors	1969
19700093082	Evaluation of Raytheon JAN 2N2060 transistor	1969
19700093083	Reliability verification test procedure, part number 2760259	1969
19700093084	Reliability verification test for LMSC P/N 2360743-1, voltage reference diode	1969
19700093087	Qualification report for transistor per BuWeps drawing 2459390-1 and 2459390-2	1969
19700093088	F-104 seat stabilization/retardation chute and canopy removal system improvement Final engineering test report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093089	Failure analysis of semiconductors	1969
19700093094	Evaluation of the Texas Instruments 2N2222 and 2N2222A transistors	1969
19700093095	Evaluation of the Texas Instruments 2N2907 and 2N2907A transistors	1969
19700093096	Application of reliability acceptance test criteria nomograph	1969
19700093100	C-3 reliability verification test procedure part no. 2760037	1969
19700093101	Evaluation of zener impedance at low frequencies	1969
19700093103	C-3 reliability verification test procedure, part no. 2760061-3C0R10	1969
19700093105	Reliability evaluation test, type 101 operational amplifier, linear integrated circuit, 5	1969
19700093106	Report of test on reactor, power inductor, 20 kHz, 152719	1969
19700093107	Reliability evaluation test, type 101 operational amplifier, linear integrated circuit, 3	1969
19700093108	Evaluation of flammability test procedures for aircraft interior materials	1969
19700093109	An adaptation of normal mode theory to calculation of acoustic wave propagation in the ocean medium	1969
19700093110	Reliability verification test procedure, part no. 2760087-1C1003	1969
19700093111	C-3 reliability verification test procedure, part no. 2760087-1C1003	1969
19700093112	C-3 reliability verification test procedure, part no. 2760087-1C49R9	1969
19700093113	Reliability verification test procedure, part no. 2760087-2C3013	1969
19700093114	Reliability verification test procedure, part no. 2760087-1C1003	1969
19700093116	Qualification report for filter, bandpass per BuWeps drawing 2639095	1969
19700093117	Lot sampling tests of Littelfuse pico fuses	1969
19700093118	Evaluation /characterization/ tests on capacitors electrolytic tantalum	1969
19700093119	Evaluation of the effectiveness of vendor TX screen of CDC TXJAN1N914 silicon diodes	1969
19700093120	Connector, accessories, electrical, RF captive Final specification	1969
19700093126	Test data in support of qualification of Texas Instruments 2N2243A transistor	1969
19700093127	Qualification test data for electrical characteristics, and mechanical design and construction on transformers and inductors	1969
19700093128	Qualification data, Amelco type A1818, BuWeps drawing no. 1563070	1969
19700093129	Test of EC-1103 per drawing no. 1570338 "compound, sealing" /SHRIKE/	1969
19700093131	Reliability verification test procedure, part no. 2760087-2C3013	1969
19700093132	C-3 reliability test procedure, part no. 2760087-1C49R9	1969
19700093134	Lot sampling of Littelfuse pico fuses	1969
19700093135	Qualification report for filter, bandpass per BuWeps drawing 2459528	1969
19700093136	C-3 reliability verification test procedure part no. 2760028	1969
19700093137	The electrical test program to determine effect of a rain erosion boot and other materials on the electrical performance of the C-5 nose radome Interim report	1969
19700093139	Evaluation of MEPCO, Incorporated, style FE-10, 499 kilohms plus or minus 1 percent, metal film resistor	1969
19700093140	Report of tests for DC motors for EKTR 678	1969
19700093142	Measurement and control of moisture and impurities in inert gas	1969
19700093143	C-5A electric power system	1969
19700093144	Qualification report for diode per BuWeps drawing 1820954	1969
19700093145	Qualification report for connector, plug per General Dynamics drawing 423-800420	1969
19700093146	Reliability verification test for P/N 2760115-1 transistors	1969
19700093152	Qualification of resistor, variable for use in improved Hawk	1969
19700093154	Power supply, plus 12 and plus 2 kV regulated Final specifications	1969
19700093155	Alternate source qualification for MIS14150/49	1969
19700093156	Evaluation /characterization/ tests on counters /digit/ non-resettable	1969
19700093157	Evaluation of the National Semiconductor Corporation's 2N2222 and 2N2222A transistor	1969
19700093160	Reliability verification test for P/N 2760399-1 reactor, electrical	1969
19700093162	To establish a test procedure for determining the bond strength in transverse direction of a phenol fibre sheet with cellulose acetate	1969
19700093163	Sample sizes required to detect significant discrepancy of reality from theoretical predictions	1969
19700093165	Reliability verification test procedure, part no. 2760087-1C49R9	1969
19700093166	Reliability verification test procedure, part part no. 2760087-1C1003	1969
19700093167	Preproduction test under laboratory, simulated environmental and operating life conditions for reactor, filter - Naval Air Systems Command drawing 1563 Final report	1969
19700093170	Lot sampling tests of Littelfuse pico fuses	1969
19700093171	Lot sampling tests of Littelfuse pico fuses	1969
19700093172	Operational amplifier	1969
19700093176	Evaluation of Mepco, Incorporated, style FE-25, 3.01 megohms plus or minus 1 percent metal film resistor	1969
19700093177	Qualification report for connector, per General Dynamics drawing 423-800419	1969
19700093178	C-3 reliability verification test procedure, part number 2760061-1C3401 on resistor, fixed, wirewound, molded or dipped, 1-2 watts	1969
19700093179	C-3 reliability verification test procedure, part no. 2760037	1969
19700093183	Qualification of RF coil for use in improved Hawk	1969
19700093184	Qualification test report on variable capacitors	1969
19700093185	Filter, RFI suppression, broad band Final specification	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093186	Reliability verification test for LMSC P/N 2360796-1, n-p-n general purpose transistor	1969
19700093187	Deltron Incorporated, model SP40-5 power supply evaluation	1969
19700093188	Delay line, 250 NSEC, tapped	1969
19700093189	Evaluation testing of radio frequency connector	1969
19700093190	Trygon Electronic, Incorporated, model HR40-5B power supply evaluation	1969
19700093191	Quality conformance inspection tests	1969
19700093192	Evaluation characterization tests on message registers, reset to N. E. specification MF134	1969
19700093195	Evaluation /characterization/ tests on message registers SPV-5	1969
19700093197	Qualification report for semiconductor device, diode per BuWeps drawing 2459533	1969
19700093198	Comparison of mechanical strength of two Texas Instruments and one Sylvania high frequency diode packages	1969
19700093200	Are your calibration technicians measurement technicians /ques/	1969
19700093202	Titanium plating rate enhancement studies Monthly progress letter no. 8, 26 Aug. - 25 Sep. 1969	1969
19700093204	Qualification of transistor for use in improved Hawk	1969
19700093205	Qualification of transformer, power, step-down for use in FME Hawk	1969
19700093206	Alternate source qualification	1969
19700093207	Interim report for the electrical test program to determine effect of a rain erosion boot and other materials on the electrical performance of the C-5 nose radome	1969
19700093213	Evaluation of wirewound resistors to determine the reliability of small wire sizes	1969
19700093214	Testing of Bendix JT connectors for temperature rise in a vacuum environment	1969
19700093216	Special tests on Motorola transistors, semiconductor, transistor, field effect, silicon n-channel, alloy junction, plastic enclosure, P/N-2338851	1969
19700093217	Reliability verification test for LMSC P/N 2360734-1 power diode, general purpose	1969
19700093218	C3 reliability verification test procedure part numbers 2760310-2 and 2760310-3	1969
19700093219	C-3 reliability verification test procedure part number 2760061-2COR10	1969
19700093226	C-3 reliability verification test procedure part number 2760061-2COR10	1969
19700093227	Evaluation of wirewound resistors to determine the reliability of small wire sizes	1969
19700093231	Evaluation tests on resistors, wirewound, non-inductive, manufacture's type NS-1A	1969
19700093232	Hewlett-Packard's model 6291A power supply evaluation	1969
19700093233	Relays, sealed	1969
19700093236	Transformer evaluation report	1969
19700093272	Single-stage axial compressor component development for small gas turbine engines. Volume 1 - Design /U/ Final technical report, 1 Jan. - 30 Sep. 1966	1969
19700093306	Gas generator fueled scramjet program /U/	1969
19700093311	Evaluation of RCA 2N5262 transistors	1969
19700093314	Design of suboptimal adaptive regulator systems via stochastic approximation	1969
19700093315	Evaluation tests on conformal coating, manufacturers type Seal coat 933, military type PUR	1969
19700093316	Qualification testing of radio frequency connector, subminiature, panel receptacle	1969
19700093318	A review of current data regarding the solderability of coatings for printed wiring boards	1969
19700093319	Second source qualification test	1969
19700093320	Qualification test on filter electrical radio frequency low pass	1969
19700093324	C-3 reliability verification test procedure part number 2760061-2C1002	1969
19700093328	Data transmission via fiber optics	1969
19700093329	Qualification test report on delay line, fixed, encapsulated	1969
19700093334	Reliability physics investigation of integrated circuit failures	1969
19700093335	Partial state optimum estimation on a class of linear systems	1969
19700093336	Comparison of thermionic concepts for 50 to 100 kWe /U/	1969
19700093364	Evaluation of wirewound resistors to determine the reliability of small wire sizes	1969
19700093365	C3 reliability verification test procedure part no. 2760061-2C1002	1969
19700093369	J85 turbojet engine accident investigation manual	1969
19700093370	C3 reliability verification test procedure part numbers 2760031-5, 2760031-15, and 2760031-16	1969
19700093371	C3 reliability verification test procedure part numbers 2760031-5, 2760031-15, and 2760031-16	1969
19700093376	Fixed wirewound resistors tested under high power and high voltage conditions	1969
19700093384	Ambipolar drift noise in a semiconductor in the presence of a magnetic field	1969
19700093385	Qualification test report on connectors	1969
19700093386	Special tests on Motorola transistors, semiconductor, transistor, field effect, silicon N-channel, alloy junction plastic enclosure	1969
19700093406	Combination crew-served weapon sight/small starlight scope /U/	1969
19700093497	Structure of the magnetopause - A comparison between satellite magnetometer data and theory Progress report, 15 Apr. - 15 Oct. 1969	1969
19700093498	Solid state Canopus sensor Final summary report phase 1, 1 Jul. - 31 Oct. 1969	1969
19700093535	Development of a space thermionic reactor power plant /U/ Periodic progress report, 1 Jul. 1969 - 31 Oct. 1969	1969
19700093555	Design verification and partial qualification test results and analysis for Apollo ground disconnect LOX fill	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093579	An experimental investigation of downstream flow-field properties behind a sonic jet injected into transonic free stream from a body of revolution /series 2/	1969
19700093604	Master plan for the design and development of the Army Management Information System /AMIS/, volume 1	1969
19700093605	Master plan for the design and development of the Army Management Information System /AMIS/, volume 2	1969
19700093606	Master plan for the design and development of the Army Management Information System /AMIS/, volume 4	1969
19700093619	F-100 brake adaptation to the overload modification on the F-106 aircraft	1969
19700093621	Electronic field measurement experiment Final report	1969
19700093744	Mechanical feedback servo actuator Saturn S-2 engine control, volume 1	1969
19700093770	Intermediate energy nuclear physics utilizing the NASA Space Radiation Effects Laboratory Progress report, Jan. - Jun. 1969	1969
19700093772	Quality verification test report on semiconductor, transistor, field effect, silicon, N-channel, planar, metal can	1969
19700093773	Quality verification test report, supplement A	1969
19700093774	Temperature characterization test Hex inverter integrated circuit	1969
19700093785	Hermetic seal integrity - Motorola glass case diode type 1N4120	1969
19700093786	Development test report - Vacuum tests. Apollo antenna servo motor	1969
19700093787	Pressure regulator	1969
19700093788	Apollo inverter - 1250 VA	1969
19700093789	Apollo crew couch x-x axis foot cyclic impact strut assembly	1969
19700093790	Regulator, fluid, pressure, internal loaded	1969
19700093791	Electro-mechanical sequence timer	1969
19700093792	Fuel tank pressure regulator	1969
19700093803	Confined detonating fuse assembly. Shelf life extension program, sections 1, 2, and 4	1969
19700093804	Rotary inverter	1969
19700093805	Relay acceptance test report for SCD 2338529	1969
19700093807	Preferred electronic, electrical, and electromechanical parts requirements for CSM programs	1969
19700093808	Coldweld high reliability quartz crystal units CR-1018/UX and CR-65/UX Quarterly progress report, 25 Feb. - 25 May 1969	1969
19700093811	Research report 1968. Volume 2 - Chemistry	1969
19700093812	Rolling elements for elevated temperatures	1969
19700093826	An evaluation of some high accuracy numerical integration methods for systems of ordinary differential equations Quarterly status report, 1 Oct. - 31 Dec. 1969	1969
19700093829	Confined Detonating Fuse Assembly. Shelf Life Extension Program, Section 3	1969
19700093830	Apollo CSM high gain antenna final assembly, volume 4	1969
19700093831	Apollo CSM high gain antenna final assembly, volume 1	1969
19700093839	C-3 reliability verification test procedure, part no. 2760087-1C49R9	1969
19700093869	Semiannual status report	1969
19700093892	Mechanical feedback servoactuator Saturn S-2 engine control, volume 2	1969
19700093955	Satellite infrared spectrometer - SIRS A /Nimbus B/ Progress report, 1-28 Feb. 1969	1969
19700093956	Satellite infrared spectrometer - SIRS A /Nimbus 3/ Final progress report, 1-30 Apr. 1969	1969
19700093969	Verification test in air at 80, 100 and 120 C, conducted with 2 hypalon mixtures	1969
19700093989	Intermediate energy nuclear physics utilizing the NASA space radiation effects laboratory Progress report, Jan. - Jun. 1969	1969
19700094101	Satellite infrared spectrometer - SIRS A /Nimbus B/ Progress report, 1-31 Jan. 1969	1969
19700094124	A study of fluid dynamics of gaseous nuclear rockets Quarterly progress report, 1 Oct. - 31 Dec. 1969	1969
19700094181	System safety technical methods handbook	1969
19700094182	Performance of qualification tests on Erie Technological Products, Incorporated 1200- 700 and 1250-700 Electro-Magnetic Interference /EMI/ filters	1969
19700094250	Automatic detection for radar /U/ Research and development report, Jan. 1967 - Oct. 1969	1969
19700094301	RFI noise measurements report, PAR, Malmstrom AFB /U/	1969
19700094310	The determination of the influence of high acceleration loadings on combustion characteristics of selected nonmetallic materials	1969
19700094312	Preliminary evaluation of Apollo 10 70mm photographs	1969
19700094322	Use of gravity anomalies in prediction of the shape of intrusive bodies	1969
19700094354	Double-base binder improvement /U/ Final technical report, 1 Mar. 1967 - 28 Feb. 1969	1969
19700094391	Mission control center Progress report, 1-31 May 1969	1969
19700094392	Progress report, 1 January - 31 March 1969	1969
19700094421	Quarterly report, July - September 1969	1969
19700094438	Mission control center Progress report, 1 Nov. - 30 Nov. 1969	1969
19700094443	Mission control center Progress report, 1 Apr. - 30 Jun. 1969	1969
19700094444	Mission control center Progress report, 1 Jul. - 31 Jul. 1969	1969
19700094447	Mission control center Progress report, 1-31 Oct. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094462	A study of stress-corrosion cracking in Al-Zn-Mg alloys using the scanning electron microscope Progress report	1969
19700094478	Navy ICNI final engineering report. Appendixes	1969
19700094480	Navy ICNI final engineering report	1969
19700094491	Manned space flight network study program Quarterly progress report, Apr. - Jun. 1969	1969
19700094516	Manned space flight network study program Quarterly progress report, Jul. - Sep. 1969	1969
19700094517	Mission control center Progress report, 1-30 apr. 1969	1969
19700094534	Mission control center Progress report, 1 Oct. - 31 Dec. 1968	1969
19700094571	Integrated Lethality of Sterilization Temperature Profiles	1969
19700094587	Satellite infrared spectrometer - SIRS A/Nimbus B/ Progress report, 1-31 Mar. 1969	1969
19700094597	Mission control center Progress report, 1-31 Aug. 1969	1969
19700094600	Beam-foil spectroscopy	1969
19700094656	Apollo CSM high gain antenna final assembly, volume 3	1969
19700094712	Comparison of the energy maneuverability and an accelerated gradient method for estimating the maneuvering performance of supersonic fighter aircraft /U/	1969
19700094850	Fundamental Study in Low-density Gas Dynamics Progress Report, 1 Jul. - 31 Dec. 1969	1969
19700094910	Investigation of P travel time-curve	1969
19700094917	Nomenclature list for cartridge and propellant actuated devices	1969
19700094921	Design studies of 50 and 100 kW/e/ thermionic power plants /U/	1969
19700094927	A computer evaluation of the AN/UPS-1 radar /U/	1969
19700094957	Real time computer complex Monthly progress report no. 80	1969
19700094958	Real time computer complex Monthly progress report no. 84	1969
19700094969	Real time computer complex Monthly progress report no. 79	1969
19700094994	Real time computer complex Monthly progress report no. 73	1969
19700094995	Real time computer complex Monthly progress report no. 74	1969
19700095069	Biology of motivation Progress report, 1 Sep. 1968 - 20 May 1969	1969
19700095070	Integrated lethality of sterilization temperature profiles	1969
19700095071	Real time computer complex Monthly progress report no. 78	1969
19700095072	Real time computer complex Monthly progress report no. 76	1969
19700095073	Real time computer complex Monthly progress report no. 75	1969
19700095075	Metallurgical examination of failed cast titanium /Ti-6Al-V/ propeller from hydrofoil craft highpoint	1969
19700095089	Study of photoemission and work function of large surface areas Final report, 18 Jun. 1968 - 17 Oct. 1969	1969
19700095103	Cost/effectiveness analysis of mobile air traffic control, navigational aid, communications and power systems	1969
19700095113	Viking Program: Technical Notes	1969
19700095122	An aircraft borne dust particle counter and its application to the study of clear air turbulence Final quarterly report	1969
19700095136	Summary of research documentation at the Electronics Research Center 1965 - 1969	1969
19700095139	The technical program of the Electronics Research Center	1969
19700095146	Model MET-2 Measuring Electronic Thermometer	1969
19700095147	Qualification test report on resistors	1969
19700095150	Report of tests for qualification of transistors	1969
19700095151	Acceptance test report on fixed resistors	1969
19700095154	Environmental qualification test report, flight components, Athena H VCO ST-20011	1969
19700095167	Model 510A in situ temperature recording system	1969
19700095168	Qualification report for microelectronic device per General Dynamics drawing 423-800387	1969
19700095173	A digital film analyzer and recorder for computer analysis of motion picture film data	1969
19700095174	Microelectronic device, operational amplifier, BuWeps part number 2586774-1	1969
19700095196	Special emphasis task Quarterly report	1969
19700095211	Investigation of extendable nozzle concepts Quarterly progress report, 3 Jan. - 3 Apr. 1969	1969
19700095212	Repetitive failure evaluation report	1969
19700095215	Requirements study for a biotechnology laboratory for manned earth orbiting missions Monthly progress report, 1 - 30 Nov. 1969	1969
19700095219	Cost studies of multipurpose large launch vehicles. AMLLV conclusions and recommendations Final report	1969
19700095231	Guidelines for the technical monitor of research contracts and grants	1969
19700095255	Status of failure analysis of semiconductors from Polaris system Quarterly report	1969
19700095256	Evaluation of relay, DPDT, TO-5 can	1969
19700095257	Report of tests for qualification of encoders	1969
19700095258	Ion-sputtering techniques for hybrid microcircuit processing	1969
19700095275	Applicability of solid-state devices to airborne forward-looking radar, volume 1 Interim technical report	1969
19700095282	Efficiency curves of Ge/Li/ detectors and an internal conversion coefficient spectrometer	1969
19700095287	Vacuum forming of titanium alloy sheet	1969
19700095288	Determination of the lepton charge violating coupling constants in muon decay	1969
19700095291	Staff study - Civil aeronautical production	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095293	An analytical and experimental study to develop a nonmechanical system to induce resonance in a rod drill for frozen soil	1969
19700095309	Some remarks on infinite Veneziano representations	1969
19700095316	Calculation of the sensitivity of the X-ray photodiode	1969
19700095345	Point defects studies in niobium	1969
19700095351	Effects of irregularities of cavity resonator periodic structures on the electromagnetic field in them	1969
19700095386	Momentum estimation of electrons traversing heavy media in homogeneous magnetic field	1969
19700095397	Evaluation of bonding agents for FLSC/PHENOLIC laminates	1969
19700095398	Calibration of beta-gamma survey meters	1969
19700095399	Qualification test of toggle switches	1969
19700095402	Qualification test of reset mechanical counter	1969
19700095412	P-n-p silicon transistor	1969
19700095416	C3 reliability verification test procedure part number 2760201-1, -7, -11	1969
19700095418	Shipping shock and vibration analysis of launch tube installation tools	1969
19700095426	Category 2 test and evaluation of the 407L tactical air control system - Forward air control post, volume 1 Final report, 20 Nov. 1967 - 19 Aug. 1968	1969
19700095431	Tests on transistor circuit board mounting methods	1969
19700095436	Shock testing of CR67 crystals	1969
19700095450	Environmental qualification test report, flight components, athena H G-switch /ST-20027/	1969
19700095451	Radiocrystallographic apparatus for the examination of irradiated materials	1969
19700095454	Report of tests for qualification of encoders	1969
19700095470	Isotopic exchange between molecular hydrogen and liquid ammonia catalysed by the alkaline amides	1969
19700095478	Loran table editing process	1969
19700095488	Tracking control ball assembly Failure analysis report	1969
19700095489	Model A-710 laboratory digitizer	1969
19700095521	Second source testing of Matrix Science connectors to drawings 539D714 and 539D898	1969
19700095522	Development of design criteria for 7075 aluminum alloy rivets	1969
19700095523	The reaction of phosphate based hydraulic fluids with stainless steel and titanium alloys	1969
19700095526	C-3 reliability verification test procedure part number 2760022-4C49R9, 4D3004, 4E2504	1969
19700095527	C-3 reliability verification test procedure part number 276022-3D3004	1969
19700095550	A comparative evaluation of various airframe wires	1969
19700095552	C-3 reliability verification test procedure part number 2760435	1969
19700095557	Lockheed-California Company acoustics research and test facilities	1969
19700095558	Strength of glass in water and other environments	1969
19700095559	Evaluation of ESI 102J series 6 PDT relay	1969
19700095561	Building blocks for MOS integrated circuits	1969
19700095566	Results of OPLE experiments Technical report, 15 Feb. - 22 Apr. 1968	1969
19700095581	AS-508 launch critical spare parts list for KSC electrical launch support equipment and instrumentation systems	1969
19700095610	C-3 reliability verification test procedure part number 2770051-1C510	1969
19700095620	C-3 reliability verification test procedure part number 2760061-1C3401	1969
19700095621	C-3 reliability verification test procedure, part number 2760144	1969
19700095622	C-3 reliability verification test procedure, part number 2760051-1C510, 1C154	1969
19700095625	C-3 reliability verification test procedure part number 2760144	1969
19700095630	C-3 reliability verification test procedure part no. 2760215	1969
19700095656	Electron beam microanalysis and scanning electron microscopy of solder joints on a printed circuit board	1969
19700095662	C-3 reliability verification test procedure part number 2760061-1C0R10	1969
19700095668	Task order 1, line item 2 Final engineering report	1969
19700095675	C-3 reliability verification test procedure part no. 2760144	1969
19700095676	C-3 reliability verification test procedure part no. 276022-3E2504	1969
19700095677	Qualification test of 12 relief valves submitted General Pneumatics	1969
19700095683	Derivation of the Kalman filtering equations from elementary statistical principles	1969
19700095686	Coldwell hi reliability quartz crystal units CR-1018/UX and CR-65/UX Quarterly progress report, 25 Aug. - 25 Nov. 1969	1969
19700095687	Surface studies of photoemissive materials Quarterly progress letter, 22 Aug. - 21 Nov. 1969	1969
19700095691	An investigation of the stresses in a wind tunnel corner section	1969
19700095699	The two-dimensional characteristics of a 12.2 per cent thick RAE 100 aerofoil section	1969
19700095708	An investigation of ground to air extended range VHF propagation	1969
19700095709	Wind tunnel investigations of instability in a cable-towed body system	1969
19700095710	The digital computing system of a wind tunnel flight dynamics simulator	1969
19700095711	Strength variability in structural materials	1969
19700095712	Heat-transfer measurements on a flat plate in the RAE 15 inch shock tunnel	1969
19700095713	Fracture toughness of AlZn-Mg-Cu-Mn alloys to DTD 5024 - Interim report upon the effects of forging	1969
19700095718	An approximate treatment of the stability of a towed unbanked object in a condition of zero lift	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095719	The effect of soak periods at temperatures up to 300 C on the mechanical properties of clad RR58 aluminium alloy sheet to CM001-1C	1969
19700095721	Cost and system effectiveness analysis of the Computer-controlled Automatic Test Equipment /CATE/ Final report	1969
19700095724	Naval command information systems. volume 2 - Users manual Final report	1969
19700095729	RACOMS compilation module 1 Engineer design test report, Jan. 1967 - Aug. 1969	1969
19700095735	Dynamic response analysis of two-dimensional structures with initial stresses and non-homogeneous damping Final report, Jan. - Oct. 1969	1969
19700095739	Tungsten reinforced oxidation resistant columbium alloys Research report, 1 Nov. 1968 - 10 Feb. 1969	1969
19700095740	A review of electric propulsion research in the United Kingdom	1969
19700095749	C-3 reliability verification test procedure part number 2760144-1C50R0	1969
19700095751	C-3 reliability verification test procedure part number 2760144	1969
19700095753	Time resolved spectroscopy of ZnSe	1969
19700095755	C-3 reliability verification test procedure part no. 276022-3C49R9	1969
19700095756	C-3 reliability verification test procedure part no. 2760022-4D3004-4E2504	1969
19700095757	A stimuli presentation system Progress report	1969
19700095766	Evaluation tests on triaxial connectors	1969
19700095767	Connectors, coaxial, 'BNC' series	1969
19700095775	C-3 reliability verification test procedure part number 2760144-1C1003	1969
19700095782	A cycloconvertor of original design	1969
19700095783	Navigation errors using Omega at ranges close to a transmitter	1969
19700095792	The estimation of the loading on swept wings with extending chord flaps at subsonic speeds	1969
19700095795	Behaviour of the vortex sheet at the trailing edge of a lifting wing	1969
19700095796	Low-speed three dimensional turbulent boundary layer data, part 1	1969
19700095800	C-3 reliability verification test procedure part no. 276022-3D3004	1969
19700095805	Engineering evaluation of DC geared servo motors	1969
19700095806	Alternate source qualification	1969
19700095809	Digital Pulse Repetition Interval /PRI/ filtering	1969
19700095814	Vibration isolation, micro 1st stage camera	1969
19700095820	Preproduction test report ESED P/N D6	1969
19700095830	Studies in the methodology of weapons systems effectiveness analysis using the techniques of simulation, optimization and statistics, phase 1. Volume 1 - A general purpose digital simulation of an air-to-surface missile Final report, 1 Jun. 1968 - 31 May 1969	1969
19700095832	Synthetic routes to perfluoroalkanedioic acids and alpha, omega di-iodo perfluoro alkanes	1969
19700095840	Laboratory studies of advanced propellants /U/ Interim report, 15 May 1968 - 15 May 1969	1969
19700095846	Detection of the partial pressure of oxygen in aircrew breathing gas, using the Beckman hypoxia warning system	1969
19700095847	Graphical aids for the Gross design of aircraft to geo-stationary satellite communication links	1969
19700095850	Qualification, dc motors /Transco/	1969
19700095851	Qualification test on pyrofilm PME 55T resistors	1969
19700095857	Shielded terminations evaluation	1969
19700095865	Naval command information systems. Volume 1 - Information retrieval system to support experiments in command and control Final report	1969
19700095877	Mathematical model for determining stresses in projectile bodies	1969
19700095894	Reliability verification test for part no. 2760355-2 transformer, power	1969
19700095895	Low power logic evaluation	1969
19700095896	Poseidon RVTP LMSC P/N 2760497 mechanical timing movement RVTP 3055	1969
19700095909	Anticoincidence circuit efficiency at registration of high-energy particles	1969
19700095925	Wind tunnel test data report of a powered 1/5 scale ARL/BELL V/STOL aircraft model /U/ Final scientific data report	1969
19700095961	Application of iron-aluminum base alloys to saline water conversion	1969
19700095962	Study of the mechanisms of sand and dust erosion in gas turbine engines	1969
19700095963	Compatibility studies for viable titanium matrix composites	1969
19700095967	Longitudinal beam RF field interactions in a linear accelerator cavity of high Q-value	1969
19700095974	High temperature variable turbine program. Volume 1 - Cycle and mission studies /U/ Final report, May 1965 - Mar. 1969	1969
19700095975	High temperature variable turbine program. Volume 2 - Design studies and technology development /U/ Final report, May 1965 - Mar. 1969	1969
19700095984	Turbulent boundary-layer calculation for ablating carbon-phenolic heat shields	1969
19700095991	Qualification testing of NAS 1333C2C12 quick release pins	1969
19700095994	Qualification test report on diodes	1969
19700095995	Qualification test report on resistors	1969
19700095997	Qualification test of latch assembly	1969
19700096004	Qualification test report on resistors /varistors/	1969
19700096005	Qualification test report on transistors	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700096007	Low power logic evaluation	1969
19700096008	Capacitor, fixed, plastic dielectric	1969
19700096009	Whittaker pressure transducer	1969
19700096010	Reliability verification test for part numbers 2760134-1 and 2760133-1	1969
19700096025	A study of outgassing characteristics of a glass microchannel plate electron multiplier /MCP/ /U/	1969
19700096033	A study of the effect of voids under the die of power transistors on thermal and electrical properties	1969
19700096037	Transformer power, step up and step down	1969
19700096051	Radar reflectivity of target imbedded in a bounded imperfect dielectric /U/ Final report, 1 Sep. 1967 - 30 Apr. 1969	1969
19700096057	Optical pyrometer for gas turbine buckets	1969
19700096067	X-ray monitor system in the OSO-H solar gamma-ray experiment	1969
19700096090	Detection and isolation of P700	1969
19700096091	Variational approach to the gradient method - Theory and numerical experiments	1969
19700096096	Reliability verification test for LMSC P/N 2360792-1 silicon controlled rectifier	1969
19700096103	Qualification of metallized polycarbonate capacitors, type C-102	1969
19700096105	Qualification test on diodes	1969
19700096135	Application of the extended Kalman filter to ballistic trajectory estimation and prediction	1969
19700096136	Airborne VHF/UHF telemetry transmitting test pod	1969
19700096138	Apollo applications failure mode effects analysis. Volume 1B - Launch escape subsystem	1969
19700096141	Apollo Applications Failure Mode Effects Analysis. Volume 3A - Environmental Control Subsystem	1969
19700096142	Preproduction test report, ESED P/N 70-0088	1969
19700096156	Quartz crystal unit type CR-1067X and CR-/XM-67//U production engineering measure Quarterly progress report, 25 Aug. - 25 Nov. 1969	1969
19700096160	Integrated circuit, operational amplifier Final specification	1969
19700096163	C3 reliability verification test procedure part no. 2760098-3	1969
19700096168	Reliability verification test for part numbers 2760134-1 and 2760133-1 reactor, electrical	1969
19700096170	The NASA multidisciplinary grant Quarterly progress report	1969
19700096173	Reliability verification test for part numbers 2760258-5, 2760258-6 coupling	1969
19700096174	Maintenance platform shipping container shock and vibration analysis - CR	1969
19700096180	Ocean depth sensor	1969
19700096184	Mark Xb depth recorder	1969
19700096185	Model PFR-196B recorder	1969
19700096189	Results of sounding rocket studies of galactic X-ray sources Final report	1969
19700096190	An X-ray survey of the Cassiopeia region and its implications concerning supernova remnants and the galactic source distribution	1969
19700096191	X-ray characteristics of three supernova remnants	1969
19700096224	Mechanical property evaluation of electroformed nickel as a function of Thoria additive at 2000 F	1969
19700096230	Model 465F echo sounder	1969
19700096255	Sperry Rand, SD4459H-1, LA-1Q PO number 221564	1969
19700096256	Resistor, variable, wirewound, accurate	1969
19700096305	Sodium technology work sponsored by Coolant Chemistry and Fuels and Materials Branches Annual progress report, 1 Jan. - 31 Dec. 1969	1969
19700096307	Energetic-neutron spectrometer Progress report, 15 Aug. 1968 - 15 Sep. 1969	1969
19700096327	Sodium technology work sponsored by the coolant chemistry and the fuels and materials branches Quarterly progress report, 1 Jul. - 30 Sep. 1969	1969
19700096334	Shipboard HF/DF scale-model measurements Research and development report, Oct. 1968 - Apr. 1969	1969
19700096352	Cyclic accumulator suction pressure evaluation	1969
19700096353	Potable water tank-bladder oxygen permeability tests	1969
19700096354	Water glycol evaporated demonstration tests	1969
19700096355	Suit heat exchanger-water servicing at high pressure	1969
19700096356	Apollo service module/reaction control system engine /R-4D/	1969
19700096357	Phase 3 - Apollo CSM high gain antenna	1969
19700096358	Apollo flight controller support	1969
19700096369	AVR /experimental nuclear power plant/ Quarterly report, 1 Oct. - 31 Dec. 1969	1969
19700096370	The fabrication of zirconium alloy tubing by planetary rolling	1969
19700096381	Gimbal actuators Mod 2, volume 2	1969
19700096382	Tear down analysis, three-year shelf life study, CDF pyrogen initiator	1969
19700096383	Filter assembly, 30 micron absolute	1969
19700096389	ELSA - A time domain technique for HF digital communication Final report	1969
19700096391	Qualification of Hewlett Packard diode to AGM-78C requirements	1969
19700096393	Mechanical properties of aluminum alloy 2024 in various temper conditions	1969
19700096394	Housing assy readout module	1969
19700096397	Cost of reusable and expendable spacecraft systems /U/	1969
19700096399	Rocket motor Mark 52/53 /Sparrow 3-6b/ Shrike/ - Technical review of problems encountered during preliminary flight rating and qualification testing /U/	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700096401	Experiments in fiber orientation of ablative materials for thrust chambers /U/	1969
19700096403	Graphite deposition control of CTF/MHF-3 propellants with a high-performance aluminum vortex injector /U/	1969
19700096414	Applicability of solid-state devices to airborne forward-looking radar, volume 2 /U/ Interim technical report, May 1968 - May 1969	1969
19700096418	Studies in the methodology of weapons systems effectiveness analysis-using the techniques of simulation, optimization and statistics. Volume 3 - Fundamental probabilistic concepts used in weapons evaluation programs, phase 1 Final report, 1 Jun. 1968 - 31 May 1969	1969
19700096419	Feasibility analysis of weather data functional area	1969
19700096428	NAVAIR 9600 baud voice digitizer	1969
19700096443	Studies in the methodology of weapons systems effectiveness analysis-using the techniques of simulation, optimization and statistics. Volume 4 - A study of optimum evasive strategy, the planar case for homing missile using proportioned navigation, phase 1 Final report, 1 Jun. 1968 - 31 May 1969	1969
19700096447	Feasibility analysis of chemical contamination functional area	1969
19700096452	Confined detonating fuze pyrogen initiator - 3 year shelf life determination - Saturn program	1969
19700096465	Spectrum corrosion fatigue test of various aluminum alloys. Phases 1 and 2 - RA-5C extended service life program Final report	1969
19700096478	Activity report, third quarter, 1969	1969
19700096520	Analytical and experimental development program for inflatable solar shields Quarterly progress report, 1 Jan. - 31 Mar. 1969	1969
19710000639	Research study of structural damage produced in silicon semiconductors by neutron irradiation Semiannual report	1969
19710000884	Electronic instrumentation for solar radiation measurements Final report, 1 Feb. 1965 - 31 Jul. 1969	1969
19710001116	Thermodynamic properties of ternary refractory carbides. 3 - Zirconium-hafnium-carbon Technical report, 1 Jul. 1967 - 30 Jun. 1969	1969
19710001250	Research activities Progress report, 1 Apr. - 30 Sep. 1969	1969
19710001266	Thermodynamic properties of ternary refractory carbides. Part 1 - Zirconium-niobium- carbon Technical report, 1 Jul. 1967 - 30 Jun. 1969	1969
19710001267	A Heuristic program for solving a scientific inference problem - Summary of motivation and implementation	1969
19710001315	Calculation of the photon-production spectrum from proton-nucleus collisions in the energy range 15 to 150 MeV and comparison with experiment	1969
19710001496	Analytical and numerical treatment of wave- propagation in the lower ionosphere	1969
19710001505	A theory of theories	1969
19710001508	Wave propagation, electron and solid state physics, automatic control, electronic networks, and electromagnetic phenomena Semiannual progress report, 1 Jan. - 30 Jun. 1969	1969
19710001509	Polarization dependence of stimulated Rayleigh-wing scattering and the optical- frequency Kerr effect	1969
19710001617	Determination of surface tension in biologic fluids	1969
19710001900	Feedback decoupling of time delay differential systems	1969
19710001903	Performance analysis of suboptimal non-adaptive and optimal adaptive discrete Kalman filters	1969
19710002227	Earth orbital payload planning	1969
19710002228	Glass preparation in space	1969
19710002229	Space processing of electronic crystals	1969
19710002230	Boron filament manufacture in space - A literature feasibility study	1969
19710002231	Weightless, containerless melting and solidification of potential new metal and ceramic products	1969
19710002232	Directional solidification of multicomponent superconducting systems under zero g conditions	1969
19710002233	Possibilities for producing new glasses in space	1969
19710002234	Aluminum and aluminum oxide in zero gravity	1969
19710002235	Reduced gravity processing of homogenized immiscible metal alloys	1969
19710002236	The interaction of living systems with the space environment	1969
19710002237	Unit separation processes in space	1969
19710002238	Industrial microbiological application in zero gravity - A vaccine satellite program /VACSAT/	1969
19710002239	Facility for space experiments M512 and M479	1969
19710002240	Metals melting and exothermal heating	1969
19710002241	Spherical forming and composite casting in zero g	1969
19710002242	Zero gravity crystal growth	1969
19710002243	Techniques for characterization and evaluation of zero gravity grown gallium arsenide	1969
19710002244	Zero gravity flammability	1969
19710002245	New development in space manufacturing	1969
19710002246	Theoretical investigation of gas management in zero gravity space manufacturing	1969
19710002247	Composite casting superior structural materials through the combined application of unique zero g effects	1969
19710002248	Heat sources for space manufacturing processes	1969
19710002249	Crystal growth from melts in zero g environment	1969
19710002250	Studies of zero gravity effects on solidification	1969
19710002251	Single crystal growth from melt under space environment	1969
19710002252	An analytical experimental study of possible effects of gravity on crystal whiskers	1969
19710002253	Gravity-driven and surface tension-driven convection in single crystal growth	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710002254	Theoretical considerations for liquid phase sintering and solidification in the space environment	1969
19710002255	Chemical reaction in low and zero gravity - A feasibility study	1969
19710002256	Industrial chemistry in space	1969
19710002257	On the production and separation of industrially useful isotopes in space	1969
19710002627	Foundation investigations, NASA Mississippi Test Facility. Report 1 - Static and vibratory load testing of foundation piles at test stand S-1C	1969
19710002770	The influence of porosity on the performance and properties of parachutes	1969
19710003937	Recent works on aircraft-primary control at the DFL Institute for Aircraft Guidance	1969
19710003991	Method of preparing finely porous polyurethane plastics	1969
19710004145	Investigation of bright sources of long-wave infrared radiation Semiannual technical report	1969
19710004574	Process for producing flame resistant polyurethane foams	1969
19710004690	Frequency domain criteria for stability of systems modeled by certain partial differential equations	1969
19710005052	Interim results of the lifting-body flight-test program	1969
19710005495	Dynamic self-folding and self-winding processes /vortices/ in viscous fluids	1969
19710006012	Two-phase flow of metal vapors into a vacuum	1969
19710006151	Rolling-contact bearing - Reference summary Final report	1969
19710006219	Earth observations program review, 4-5 November 1969	1969
19710006333	Two-phase /liquid-vapor/, mass-limiting flow with hydrogen and nitrogen	1969
19710006334	Cavitation in liquid cryogenics	1969
19710008230	Lyophilized reaction mixtures Patent	1969
19710014671	Garments for controlling the temperature of the body Patent	1969
19710015026	The influence of neutron spectrum on helium atom generation in stainless steels	1969
19710015027	Fatigue specimen capsules, EBR-2 MARK B-7 subassembly	1969
19710015028	Capsules and sodium loops used in Argonne National Laboratory reactor safety experiments in the TREAT reactor	1969
19710015029	Use of the thermal TREAT reactor for fast reactor safety studies	1969
19710015030	Xenon tagging of instrumented fuel capsules for use in EBR-2	1969
19710015031	Instrumented subassembly system and in-core instrument test facility for EBR-2	1969
19710015032	Characterization of advanced irradiation testing vehicles for EBR-2	1969
19710015033	Unrestrained swelling and fission gas release experiments	1969
19710015034	Analysis of the validity of fast reactor fuel tests in existing test reactors	1969
19710015035	A reactor facility for neutron irradiations at temperatures ranging from minus 193 C to 725 C	1969
19710015036	Achieving uniform specimen temperatures in an irradiation capsule using heat pipes	1969
19710015037	Apparatus for measuring in-pile creep of LMFBR candidate fuels	1969
19710015038	Development and feasibility tests of isothermal irradiators	1969
19710015039	Compact 30 kw circulating helium capsule for fuel element tests in NASA Plum Brook Reactor	1969
19710015040	Experiment design studies for fuel pin development	1969
19710015041	Concept for a gas buffered annular heatpipe fuel irradiation capsule	1969
19710015042	In-pile gamma dosimetry measurements with oxalic acid	1969
19710015043	Development of fission gas pressure transducers at Argonne National Laboratory	1969
19710015044	Continuous monitoring of fission gas release during irradiation of nuclear fuel specimens	1969
19710015045	The measurement of internal pressure buildup in full sized fuel rods during irradiation	1969
19710015046	High temperature thermal cycling and drift test of W95Re5 versus W74 re26 thermocouples	1969
19710015047	Grooved melt wires for temperature measurement of reactor fuel	1969
19710015048	Measured energy deposition rates for various nonfissionable materials in a nuclear reactor environment	1969
19710015049	Recent advances in fast response miniature neutron flux monitors	1969
19710015050	Observation of fuel failure behavior during in-pile meltdown tests using high speed photograph and a transparent autoclave	1969
19710015051	Irradiated fuel examination and measurement	1969
19710015052	Pycnometer, profilometer, and laser puncturing for space reactor fuel capsule examination	1969
19710015053	Techniques and apparatus for inspection, handling, and annealing highly radioactive fuel microspheres	1969
19710015054	Post irradiation analysis of high temperature, low burnup tungsten-UO2 test plates	1969
19710015055	Decay heat generation and removal from fuel test bundles	1969
19710015056	Post irradiation microanalysis	1969
19710015057	A system for calculation of fission power in irradiation tests	1969
19710015058	Damage function analysis of neutron energy and spectrum effects upon the radiation embrittlement of steels	1969
19710015060	A microprobe study of the retention of the fission gas xenon in irradiated uranium fuels dispersed in aluminum clad nuclear reactor fuel plates	1969
19710015061	Some applications of neutron radiography in irradiation testing technology	1969
19710015062	Neutron radiographic inspection of irradiated SNAP fuel	1969
19710015063	Reliability of high temperature thermocouples in irradiation capsules	1969
19710015064	CRICET - A system for remote measurement of fuel element temperatures	1969
19710015065	Irradiation studies of uranium nitride	1969
19710015066	Experience with instrumented capsules for high temperature irradiation of fuel forms	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710015067	Assemblies for thermal and fast flux irradiation of /UPu/N fuels	1969
19710015068	A retractable replaceable thermocouple for in- pile experiments	1969
19710015069	Flowing sodium capsules in the General Electric test reactor	1969
19710015070	Fast reactor fuel testing in forced convection capsules	1969
19710015071	Design of a lead type capsule system to investigate the radiolysis of water	1969
19710015072	A doubly telescoping design of a nuclear reactor experiment containing eight variables	1969
19710015073	Fast reactor sodium bonded fuel rod evaluation in a thermal reactor	1969
19710015074	A capsule design for dynamic in-pile friction experiments	1969
19710015075	Remote encapsulation and TREAT capsule handling techniques	1969
19710015076	The design and in-pile operation of instrumented hydraulic capsules	1969
19710015467	Identification of volatile contaminants of space cabin materials Final report, Jan. 1968 - Jan. 1969	1969
19710015490	Multispectral separations from multilayer films	1969
19710016887	Sixth Transducer Workshop	1969
19710016888	Thermal measurements	1969
19710016889	Measurement of pressure and flow	1969
19710016890	General measurement problem areas	1969
19710016891	Measurement of force and acceleration	1969
19710025021	Thermodynamic properties of ternary refractory carbides. 2: Zirconium-uranium-carbon	1969
19710025167	Alpha autoradiography of irradiated nuclear fuel	1969
19710025253	Data on environmental radioactivity collected in Italy, July - December 1968	1969
19710025254	Nuclear energy: Accidents and incidents	1969
19710025255	Catalogue of reprints of scientific papers in the Pauli collection	1969
19710025435	Single-crystal targets of rubidium uranyl nitrate for the aligned fissile nuclei experiment	1969
19710026323	Effect of different reflectors on UA-RR-1 reactor core characteristics	1969
19710026426	Configuration and migration of point defects in alkali metals	1969
19710026430	Study of some properties of bound levels and virtual levels excited with resonance neutrons	1969
19710026437	Application of atomic absorption spectrophotometry to the rapid analysis of some elements in uranium	1969
19710026439	Possibility of gas flow measurements using ionization produced by radioactive sources: Performance obtained using continuous and pulsed ionization	1969
19710026440	Partial-wave analysis of pion-nucleon elastic scattering below 16 GeV	1969
19710026494	The n, gamma discrimination in recoil-proton proportional counters. Application to the measurement of fast neutron spectra	1969
19710026571	Experimental installation R-Ohm for studying high-frequency field-interactions with plasma	1969
19710027570	Effect of non-uniform burnup on reactor lifetime	1969
19710027571	Criticality evaluation of hydrogeneous enriched lattices using a three group model	1969
19710027574	Four groups, four regions criticality calculation diffusion code	1969
19710027575	Two group, two region criticality calculation diffusion code	1969
19710027684	Magnetic analysis of the reactions Li7(He,d3)be8 and Li7(He,d)be7	1969
19710027687	Upward and downward scattering kernels for thermal reactions	1969
19710027688	Numerical study of fast neutron spectra in UA-RR-1 reactor core and reflector	1969
19710027690	Effect of the probe tube on the thermal neutrons space energy distribution	1969
19710027799	Design and construction of a single gap high gradient column	1969
19710027806	Boundary conditions in the case of adjacent plasma streams	1969
19710027807	Use of a control computer for the analysis and measurement of beam quality in a 50-MeV accelerator	1969
19710028585	Effect of heat treatment and cold work on the oxidation of Zr-1 percent Nb alloy in air and pressurized steam at 450-650 C	1969
19710028604	Oxidation kinetics of pure or alloyed zirconium with oxygen or water vapor	1969
19710028752	Organisation and planning of experiments in a research reactor	1969
19710028754	Determination of integrated neutron fluxes during irradiation of materials in research reactors	1969
19710028755	Power control for loop assemblies in the MIR reactor	1969
19710028790	Organisation of experimental work on fuel-element testing at the first atomic power station reactor	1969
19710028837	Effect of fringing fields on the ion burst duration in a parallel plate pulser	1969
19710028842	Neutron transmission through ducts perpendicular to neutron beam axis in water shields	1969
19710028874	New method of interpreting the results of gamma logging of boreholes	1969
19710028887	Compilation of total and total elastic cross sections	1969
19710028893	Cross section data for neutron radiation capture and lead. Newsletter bulletin no. 10	1969
19710028923	Use of diamond as a reference standard for irradiation conditions	1969
19710029104	Techniques of Astronomy via Balloon	1969
19710029263	Experimental loop for two phase heat transfer investigations	1969
19710029298	High-Temperature Critical Indices for the Classical Anisotropic Heisenberg Model	1969
19710064702	Conductivity in liquid crystals	1969
19710064720	Resonance scattering and the drift motion of electrons through gases, 2	1969
19710064728	Tertiary felsite intrusions in the Valley and Ridge Province, Virginia	1969
19710064759	Excess ultrasonic attenuation and volume viscosity in liquid methane	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710064988	Factors affecting the rate of calcification in Halimeda opuntia /L./ Lamouroux and Halimeda discoidea decaisne	1969
19710065251	The Debye-Waller factor Debye temperature for nickel	1969
19710065253	Plasma collective effects and radiation emission from rotating collapsed stars	1969
19710065294	Thermal shift and broadening of the 6A1g yields 4A1, 4E/4G/ pure electronic transition in RbMnF3	1969
19710065295	Ultrasonic measurement of the elastic constants of anthracene	1969
19710065296	Donor-acceptor complexes of the inorganic pi acceptor, bis-cis-/1,2-perfluoromethylethene- 1,2-dithiolato/nickel	1969
19710065297	Optical pumping of molecules	1969
19710065299	Non-thermal radiation emission from X-stars and pulsars	1969
19710065324	On the convergence of optimization algorithms	1969
19710065395	Voyager Mars planetary quarantine - Micrometeoroid simulation experimental studies Status report	1969
19710065427	An ecological factor of significance in the study of bacterial populations of the human small intestine using ileostomy specimens	1969
19710065462	Raman Spectrum of Alpha-N2	1969
19710065477	Mass spectrometric studies of laser-produced vapor species	1969
19710065483	New algebraic criteria for positive realness	1969
19710065541	ALSEP Press Background. Apollo Lunar Surface Experiments Package	1969
19710065604	Evidence for precursor complex formation in Cr/2 plus-/Co/III/ reactions	1969
19710065662	Dirac delta functions in the Laplace-type expansion of r to the nth Y sub l to the mth /theta, phi/	1969
19710065666	Second order Ito processes	1969
19710065668	Analytical evaluation of multicenter integrals of 1/r sub 12 with Slater-type atomic orbitals. 5 - Four-center integrals by Fourier-transform method	1969
19710065669	Convergence properties of certain formulas for multicenter electron repulsion integrals obtained from the bipolar expansion of 1/r sub 12	1969
19710065681	Quantum statistics of a charged bose gas in the ground state	1969
19710065749	The oxidation number of antimony in antimony pentasulfide	1969
19710065750	Sb 121 isomer shifts in antimony halides	1969
19710065751	Sb 121 Moessbauer spectra of antimony oxides	1969
19710065753	Bipolar expansion for /r sub 12/ to the nth /Y sub l/ to the mth /theta sub 12, phi sub 12/	1969
19710065754	The response of viscoelastic materials to small deformations	1969
19710065760	Calorimetric motion measurements on crystalline and amorphous high polymers	1969
19710065813	Neutrons from cosmic radiation Summary letter report, May 1968 - Jul. 1969	1969
19710066015	Mars polar cap boundaries	1969
19710066016	A study of cloud motions on Mars	1969
19710066222	Extinction of human eyelid conditioning as a function of components of a masking procedure	1969
19710066346	Calculation of predissociation rates of the B /3Pi 0/plus u state of I2	1969
19710066602	The Second National Conference on Space Maintenance and Extravehicular Activities	1969
19710066778	Measurement of Complex Dielectric Constant of Aerozene-50 and Nitrogen Tetroxide	1969
19710066910	An arc heater for supersonic molecular beams	1969
19710066930	Molecular beam time of flight spectroscopy applied to molecular beam performance measurements	1969
19710067012	The critical inclination in satellite theory	1969
19710067013	Airborne fluorometer applicable to marine and estuarine studies	1969
19710067182	Photochromism of 1,2-dihydroquinolines	1969
19710067187	A study of rotational relaxation in a low density hypersonic free jet by means of impact pressure measurements	1969
19710067190	A metastable atom detection system for ground state atom beams	1969
19710067191	Measurement of Ar-Kr and Ar-Kr cross sections at intermediate energies with an arc- heated aerodynamically intensified atom beam	1969
19710067300	Data catalog of satellite and rocket experiments	1969
19710067405	The shape of the tilted magnetopause	1969
19710067436	Effects of high fat diets on caloric intake, body weight, and heat escape responses in normal and hyperphagic rats	1969
19710068048	NASA obligations to educational institutions, cumulative fiscal year 1959 through fiscal year 1969	1969
19710068053	NASA Obligations to Educational Institutions, Fiscal Year 1969	1969
19710068054	Passive solar array orientation system /thermal heliotrope/ Quarterly report, 23 Dec. 1968 - 23 Mar. 1969	1969
19710068062	Trajectories for the 1976 - 1980 grand tour opportunities. Volume 2 - Trajectory data	1969
19710068216	The effect of semicircular canal stimulation during tilting on the subsequent perception of the visual vertical	1969
19710068917	NASA's manned space flight program	1969
19710069052	Integrated technical data system. Computer subsystem - Generalized processing program, programming documentation, volume 2	1969
19710069235	Formation of free radicals during machining and fracture of polymers	1969
19710069252	A further exact solution of Dirac equation - Orthogonal electric and magnetic fields	1969
19710069253	Data catalog of satellite experiments, supplement	1969
19710069361	A system debugging model	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710069364	Direction of the nearby galactic magnetic field inferred from a cosmic ray diurnal anisotropy	1969
19710069365	A new representation for the conductivity tensor of a collisionless plasma in a magnetic field	1969
19710069402	Metallographic studies of an iron-nickel meteorite following long-time heat treatments	1969
19710069505	Experimental X-ray astronomy	1969
19710069509	STIL systems manual	1969
19710069520	International politics and international science - A study of scientists' attitudes	1969
19710069537	Spectral Analysis of Multiple Time Series	1969
19710069572	Error bounds for digital communication over spatially modulated channels	1969
19710069648	Storage and retrieval processes in long term memory	1969
19710069711	Transmission of far infrared radiation through thin films of superconducting amorphous bismuth and gallium	1969
19710069757	Effect of thalamocortical activation on recruiting responses. 1 - Reticular stimulation	1969
19710069816	Effect of thalamocortical activation on recruiting responses. 3 - reticular lesions	1969
19710069817	Apparatus for randomly determining visual stimulus positions using a forced choice psychophysical procedure	1969
19710069911	Perceptual discrimination in monkeys - Retroactive visual masking	1969
19710070288	Historical aspects of technology assessment	1969
19710070289	Organizational cybernetics and human values	1969
19710070292	Endurance testing of the Mercury pump-motor assembly in the LML-5	1969
19710070304	SNAP-8 boiler development - Test results of single tube bimetal tantalum-stainless steel boiler /SF-1A/	1969
19710070312	Snap-8 Turbine Alternator Assembly /TAA/ 5/4 - 7500 Hours of Operation in PCS-1, Phase 4, Step 3	1969
19710070327	SNAP-8 Mod-1 NaK pump-motor assembly buildup 1/4 - 10000-hour endurance testing	1969
19710070355	Some issues in preparing science administration leadership for tomorrow	1969
19710070373	SNAP-8 electromagnetic interference tests	1969
19710070629	On the feedback process between NASA and its environment	1969
19710070731	The concepts of system, aggregate, and state in system theory	1969
19710070733	Cryogenic properties of a polyurethane adhesive	1969
19710071042	Dynamic Response of Beams to Moving Pressure Loads as Related to Tracked Air Cushion Vehicles	1969
19710071048	Model Studies to Determine Low Frequency Noise Reduction of Spacecraft	1969
19710071054	Design model based on observed modes of vibration of Australian CSIRO 210-ft radio telescope	1969
19710071059	Distribution of Eigenvalues in Conical Shells	1969
19710071094	Modal densities of spherical shells	1969
19710071102	Apollo lunar module vibrations during flight and ground tests	1969
19710071103	Structural qualification of the orbiting astronomical observatory	1969
19710071106	Load application and control systems utilized to simulate combined loads environments for saturn 5-Apollo spacecraft	1969
19710071107	Impedance simulation vibration test fixtures for spacecraft tests	1969
19710071110	Axial Response of a High-Speed, Gas- Lubricated, Rotor-Bearing Assembly to Shock and Vibration	1969
19710071239	Two new pulsating radio sources	1969
19710071264	A unique emission line object	1969
19710071265	Late phases of stellar evolution. Pure iron stars	1969
19710071464	The development of an alpha-stringer structure in titanium alloys Summary report	1969
19710071467	System Analysis of Gelled Space-Storable Propellants Summary Report, May 1968 - Apr. 1969	1969
19710071481	Technical description of the all-digital display generator	1969
19710071540	Nuclear flight executive program - Interim FORTRAN 4 version, NFEP JR	1969
19710071547	Space programs Quarterly report, Oct. - Dec. 1969	1969
19710071569	Program review report	1969
19710071581	Space station - MSFC-DRL-160, DRL line item no. 2 Monthly progress report, 1 - 31 Oct. 1969	1969
19710071614	Space station program phase B definition study Monthly progress report	1969
19710071635	Apollo program - Apollo 7 mission, flight evaluation Final report, Feb. 1969	1969
19710071670	ILRV interim technical review	1969
19710071708	Microwave Device and Physical Electronics Laboratory Consolidated quarterly report, 1 Apr. - 30 Jun. 1969	1969
19710071722	TE-M-364 shelf life extension Final report	1969
19710071847	Apollo guidance, navigation and control. Stored program data processor Apollo guidance computer study Final report	1969
19710071865	NASA space shuttle task group report. Volume 1 - Missions	1969
19710071866	NASA Space Shuttle Task Group Report. Volume 2 - Desired Systems Characteristics Revision 1	1969
19710071867	NASA Space Shuttle Task Group Report. Volume 3 - Vehicle Configurations	1969
19710071868	NASA space shuttle task group report. Volume 4 - Program plans	1969
19710072148	Apollo spacecraft systems analysis program - Electromagnetic scattering of waves of finite extent incident upon a smooth, undulated, extended surface	1969
19710072206	Hydrogen-Fluorine Engine Evaluation /U/ Final Report	1969
19710072341	Electrical and optical properties of CdS	1969
19710072350	Analysis of zero-gravity receiver tank vent systems	1969
19710072415	Preliminary study of radiators and radiator interfaces for the space base	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072481	Theory of dissociative recombination in vibrationally excited gases	1969
19710072498	Compilation of abstracts on completed Test, Experimental, and Development /TED/ projects /U/ Quarterly report, 1 Jul. - 30 Sep. 1969	1969
19710072513	Apollo applications program experiment T-003 preliminary design review documents	1969
19710072526	Chemically regenerated foods	1969
19710072586	Effects of fission product contamination on nucleonic measurement systems	1969
19710072593	Impact sensitivity of explosives Semiannual report, 18 Dec. 1967 - 31 May 1969	1969
19710072609	Proceedings of the Conference on the Summer Monsoon of Southeast Asia	1969
19710072612	Systems cost analysis	1969
19710072732	Wire reinforced grain delamination evaluation /U/	1969
19710072734	Fragmentation systems for explosively loaded mild steel cylinders /U/	1969
19710072737	Shock patterns for simple caret wings	1969
19710072738	Turbulent flow between two parallel walls	1969
19710072784	Civil Aircraft Airworthiness Data Recording programme - Manoeuvre acceleration frequency on two current transport aircraft types	1969
19710072785	Some aerodynamic problems of powerplant installation on swept-winged aircraft, part 1	1969
19710072806	Integrated seismic research signal processing system Quarterly technical report, Feb. - Apr. 1969	1969
19710072870	Alcoholism and the Air Force	1969
19710072888	Low-speed three-dimensional turbulent boundary layer data, part 2	1969
19710072916	The 2.75-inch FFAR cost reduction study project 5 - Improvement of peripheral inhibitor dimensions	1969
19710072939	Bi-monthly progress report for the period 1 September - 1 November 1969	1969
19710073108	ICR quarterly report, 1 August - 31 October 1969	1969
19710073116	Close tolerance forgings from powder metallurgy preforms Summary technical report, 30 Jun. 1966 - 30 May 1969	1969
19710073117	X-ray and electron transmission microscopy of the deformation of beryllium and beryllium-0.95 weight percent iron	1969
19710073150	Thermoelectric materials evaluation program Interim report, 31 Oct. 1968	1969
19710073174	SNAP reactor programs /U/ Progress report, Aug. - Oct. 1969	1969
19710073243	Survey of communication and navigation concept for space escape system /U/	1969
19710073251	Annual ADP planning document	1969
19710073258	Progress report	1969
19710073268	Titanium powder metallurgy forgings, phase 2	1969
19710073283	Manufacture of superalloy yarns Final report, 1 May 1966 - 30 Apr. 1969	1969
19710073285	High-reliability assembly technology Final report	1969
19710073286	Twenty-five-foot cryogenic bubble chamber design report	1969
19710073309	Exploratory study of a polystation Doppler system	1969
19710073311	C-3 reliability verification test procedure part number 2760107-4C1R00	1969
19710073315	Marotta Valve Company, 2 way, 2 position solenoid, part number 231184-1A6	1969
19710073318	C-3 reliability verification test procedure part number 2760216-1C	1969
19710073340	Low-energy nuclear reactions and spectroscopy Technical progress report, 15 Sep. 1968 - 15 Jun. 1969	1969
19710073341	The 25 foot cryogenic bubble chamber proposal	1969
19710073344	An investigation of the hot gas seal for the Mk 48 torpedo turbine Final report	1969
19710073354	Isotopic power fuels /U/ Monthly status report, Dec. 1968	1969
19710073355	Isotopic power fuels /U/ Monthly status report, Jan. 1969	1969
19710073377	Isotopic power fuels /U/ Monthly status report, Nov. 1969	1969
19710073380	Pacific Northwest Laboratory, division of space nuclear systems /U/ Monthly activities report, Mar. 1969	1969
19710073386	Isotopic power fuels /U/ Monthly status report, Apr. 1969	1969
19710073403	Isotopic power fuels /U/ Monthly status report, Sep. 1969	1969
19710073421	Test for shelf-life extension of RTV-2 silicone potting compound	1969
19710073422	Flammability test of Styrofoam sample	1969
19710073424	Pressure switch, Southwestern Industries, Incorporated, P/N PS3704-20	1969
19710073425	Design technical instruction for determining lox impact sensitivity and flammability requirements for materials	1969
19710073436	C-3 reliability verification test procedure, part number 2760022/2E1504	1969
19710073437	C-3 reliability verification test procedure, part number 2760022/2D2004	1969
19710073439	CDC development test report, integrated circuit connectors, Augat 314-AG5D-R	1969
19710073443	Examination of aluminum tubing /6061T6/, MIL-T-7081, for presence of corrosion	1969
19710073444	Liquid hydrogen storage tank P/N ME-2820047-0050, S/N 0001, CSM, AS-507. Excessive loss rate under cryogenic soaking	1969
19710073446	Marman clamps from the LOX replenish cross country line and tower system, complex 37	1969
19710073452	Linde preset regulator, P/N 311W98-3, S/N 904. Inability to regulate. /Union Carbide, H4 code 36346/	1969
19710073453	Solenoid valve, Marotta Valve Company P/N 806097-1 /NASA P/N 75M08823-4, S/N 202/ service arm 7, ML-3, AS-505 /H4 code-99657/	1969
19710073455	Comparative analysis of Dow Corning RTV-583 and GE RTV-11 silicone rubbers	1969
19710073457	Qualification of relay, armature for use in basic HAWK ground equipment	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073461	Wirewound lead screw actuated 50 K to 10 K	1969
19710073476	Tradeoff study of component jettison and systems severance for helicopter personnel survival system	1969
19710073477	Optical pyrometer for gas turbine buckets	1969
19710073478	Low power logic evaluation	1969
19710073479	Transistor, PNP, high voltage	1969
19710073505	Qualification report for semiconductors diode per General Dynamics drawing 423-800150	1969
19710073506	Qualification test report on transistors	1969
19710073507	Qualification report for connector, plug electrical per BuWeps drawing 2840409-4	1969
19710073518	Properties of photodetectors	1969
19710073566	C-3 reliability verification test procedure	1969
19710073569	Study of the mechanisms of sand and dust erosion in gas turbine engines Monthly report no. 11	1969
19710073570	Study of the mechanisms of sand and dust erosion in gas turbine engines Monthly report no. 9	1969
19710073578	Sampling test of batteries S/N 035390000060 and 70	1969
19710073583	Apollo SPS engine - Gimbal actuators Mod 2A	1969
19710073592	Qualification report for transistor per General Dynamics dwg 423-800021	1969
19710073594	Source qualification for MIS14150/53 manufactured by Motorola Semiconductor, Incorporated	1969
19710073595	C-3 reliability verification test procedure, part number 2760022-2A30R1	1969
19710073602	LOX impact test, Hoke, Incorporated, Slic-Seal pipe thread lubricant and seal no. 69002 Hoke-28968	1969
19710073607	Sampling tests of batteries S/N 035390000084 and 99	1969
19710073608	Source qualification for MIS14150/53 manufactured by Texas Instruments	1969
19710073613	LS-41X Flashing Beacon	1969
19710073622	Failure analysis of LOX replenish pump bearings, Complex 39 /Byron Jackson Pump, Incorporated dwg no. T-27588-1/	1969
19710073623	Metallurgical and mechanical properties of Ti-6Al-4V joined by Continuous Seam Diffusion Bonding /CSDB/ Evaluation test report	1969
19710073625	Convair research summary	1969
19710073626	Aerodynamics research	1969
19710073627	Guidance analysis	1969
19710073628	Dynamics research	1969
19710073629	Sensor technology research	1969
19710073630	Information sciences research	1969
19710073631	Electronics research	1969
19710073632	Thermodynamics research	1969
19710073633	Life sciences research	1969
19710073634	Materials research	1969
19710073635	Structures research	1969
19710073636	Manufacturing development	1969
19710073637	Systems analysis	1969
19710073667	Test report for check valve 2-inch, 10000 psig, Futurecraft Corporation, P/N 60318	1969
19710073669	Test report for check valve, 1/2-inch, 10000 psig, SCV Division of CLA-VAL Company, P/N 970-N	1969
19710073676	Preproduction test report, ESED P/N D10 /transformer-detector/	1969
19710073677	Stapling device development Final report	1969
19710073679	Elastomer properties and fabrication procedures utilized in the destroyer conformal/planar array program	1969
19710073683	Partial documentation of NPORT subroutines for transient analysis to replace TAPIR	1969
19710073684	Cyclic failures of aircraft components - A probability analysis	1969
19710073686	Category 1 flight test report. Volume 2 - AC-119K gunship FAD 151, SN 53-3187	1969
19710073688	Linde preset regulator, P/N 311W98-3 S/N 917. Inability to regulate. /Union Carbide, H4 code 36346/	1969
19710073689	Mercoid Controls Corporation pressure switch 0-35 psig gaseous nitrogen, NASA P/N 75M15214, PPS-3	1969
19710073690	Barksdale pressure switch, P/N B2X-A72SS-UL for the industrial water system, complex 39A /Bark valve-89326/	1969
19710073696	Evaluation of Never-Seez anti-seize compound for use on fitting-tank interface, Hi-Press GH2 storage bottles	1969
19710073706	Test report for pressure switch, Custom Component Switches, Incorporated, P/N 604p63S	1969
19710073710	Test report for relief valve, 1-inch, 10000 PSIG, Victor Controls Division, P/N ARV 50S-9015	1969
19710073711	Test report for pressure switch, Helicoid Gage Division, model 4338-1	1969
19710073716	Evaluation of continuous system simulation programs as applied to amplifier math modeling with recommendations, task 2.3.1 Final report	1969
19710073720	Preproduction test of battery assembly 2539219	1969
19710073724	Test report for check valve, 1/2-inch, 10,000 psig, James, Pond and Clark, Inc., P/N 2420T1-9 KK	1969
19710073725	Test report for check valve, 2-inch, 10,000 psig, Calmec Manufacturing Corporation, part no. 54-47	1969
19710073731	Mercoid Controls Corporation pressure switch, NASA part no. 75M15214, PPS-2	1969
19710073739	Properties of the silicon-sapphire interface in heteroepitaxy	1969
19710073761	Characteristics of faults in mos arrays	1969
19710073764	C-3 reliability verification test procedure part number 2760107-4C1R00	1969
19710073765	C-3 reliability verification test procedure, part number 2760022-2E1504	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073766	Reliability verification test for LMSC P/N 2360743-3, zener diode	1969
19710073771	Minutes of Battery Working Group Meeting held for the Reentry Vehicle Technology and Observables /RVTO/ - Phase 2A	1969
19710073786	Technical report for check valve, 2-inch, 10,000 psig, Gray Tool Company, stock no. 67763	1969
19710073794	Propellant exposure test report isolation valves	1969
19710073795	C-3 reliability verification test procedure, part number 2760022-2D2004	1969
19710073802	Igniter cartridge assembly compatibility test report	1969
19710073805	The microworld of joining technology	1969
19710073807	The mechanism of silicon vapor deposition on sapphire	1969
19710073811	Measurements of the intensity and spectrum of atmospheric turbulence at Palmdale airport	1969
19710073813	Relays /2/, Allied Control Incorporated, P/N GR13KD1KHJ-X-50, GOX loading servicing unit, environmental control unit, LM-3 /H4 code 70309/	1969
19710073814	The 100 percent screening tests	1969
19710073823	Qualification tests of Motorola DTL microcircuits, MC931, MC932, MC946, and MC948	1969
19710073825	Marotta pilot operated solenoid valve, model PV43C, NASA P/N 75M088, S/N 138, slow reaction on opening	1969
19710073833	Transducer rocking impedance program /TIPCAR/	1969
19710073834	The assessment of the time domain versus the frequency domain for the transient analysis of sonar systems Final report	1969
19710073928	Solid state amplification, phase 2 Final report, 1 Apr. 1967 - 31 Jul. 1968	1969
19710073946	Evaluation tests on filters, band pass, manufacturer's type 990531	1969
19710073981	Plasma technology of ion thrusters - A research programme proposed by Culham Laboratory	1969
19710073993	CURFIT /complex Curve Fit/ program documentation	1969
19710074021	Pressure switch, Meletron model 1439, S/N 11, GH2 system, 180 foot level, ML-2 /Meletron 81818/	1969
19710074022	Relays /2/ Ohmite, P/N DOSHPX-51 /H4 code 44655/ Failure analysis report	1969
19710074023	Specifications test of two floor finishes and one floor sealant	1969
19710074034	Cracked B nut sleeves	1969
19710074046	Evaluation of toggle switches, Cutler-Hammer P/N 8821-K6 /Cut-Hammer 27191/	1969
19710074049	Evaluation of O-ring-material /N-304-7, EPR-E515 and Buna N-602-7/ for use with Isopropyl alcohol. /Go-Air, Incorporated, Atlanta, Georgia	1969
19710074050	Relay, Ohmite Manufacturing Company type DOSHPX-51, ECS, Complex 39A, AS-507 /H4 code 44655/ Failure analysis report	1969
19710074052	Residue from the vent pipes of a Xerox machine	1969
19710074053	Analysis of Calmec valves /2/, P/N TM-165, NASA P/N 75M51255-2, S/N 1038-1-1 and 141-67 for 700 to 1000 psig press surges /Calmec-06458/	1969
19710074063	Testing of three aerosol and one tube type shaving creams in 5 psia O2	1969
19710074083	Pressure transducer, Taber Instruments model 2401, S/N 0671910, service arm hyd charging unit, ML-1 /H4 code-58949/	1969
19710074096	COSATI inventory of information sciences technology - Report of federally-funded research and development projects in the information sciences, FY 1968	1969
19710074097	Mechanical behavior of aluminum-boron composites Summary technical report, 1 Nov. 1967 - 31 Oct. 1968	1969
19710074110	Summary report CY 1969, 1 October 1968 - 30 September 1969	1969
19710074123	Investigation of the effects of low-energy protons on specular reflectance of surfaces for space mirrors Quarterly progress report, 1 Nov. 1968 - 1 Feb. 1969	1969
19710074172	Antelope Reliability Verification Test Procedure /RVTP/	1969
19710074173	Optical pyrometer for gas turbine buckets	1969
19710074174	C-3 reliability verification test procedure part number 2760107-4C2002	1969
19710074176	Evaluation of 3m flat cable assembly and use with solderless connectors, 3m P/N 3345	1969
19710074177	Two degraded cable connectors, cable 49-N04/J10 PWR-DIST/J4 and cable 45-N04/J9 PWR-DIST/J1	1969
19710074282	Synthesis of benzimidazo benzophenanthrol ladder polymer	1969
19710074283	Torsion testing of aluminum at high rates of strain	1969
19710074315	Bourns 3007P potentiometer evaluation	1969
19710074350	Spectroscopic application of optical and infrared masers Final report, 1 Nov. 1966 - 31 Dec. 1969	1969
19710074359	Layout and specifications of the VC/PuC fuel rod irradiation tests in the FR2 within the scope of test group 6	1969
19710074412	Bibliography on tantalum	1969
19710074457	The 1-D ground wind measurement system Final report	1969
19710074519	Studies in alloy chemistry and physics Annual summary report, 1 Dec. 1968 - 1 Dec. 1969	1969
19710074535	Low capacity sodium pump design study, phase 2 Final report	1969
19710074816	Qualification of R.F. coil	1969
19710074818	Qualification of pulse transformer	1969
19710074837	Qualification of variable resistor	1969
19710074851	Computer-aided circuit design	1969
19710074889	Qualification of connectors for use in improved Hawk missile	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074893	Static test load for the FB-111 boron-epoxy wing box extension	1969
19710074896	Mechanical properties of sintered AISI 410	1969
19710074957	Qualification of R. F. coil	1969
19710074970	C-3 reliability verification test procedure part no. 2760107-1C4751	1969
19710074982	Computer-aided circuit design	1969
19710074983	Design allowables philosophy for boron composite materials	1969
19710074989	Saturn 5 system definition, volume 1	1969
19710075055	Life Sciences Publications, 1969, volume 1	1969
19710075059	Predicting the effects of parameter changes in a dynamical system	1969
19710075078	A short study of the response of a fatigue life gauge to simple programme and random loading	1969
19710075084	Technology requirements of NASA OSSA launch vehicle and propulsion programs	1969
19710075088	Control, translation	1969
19710075103	Low altitude turbulence measurements over land and sea during flights in a Canberra aircraft	1969
19710075108	Life test of BuWeps drawing 2621815 resistors, 2	1969
19710075111	Surface treatment and sensitization of semiconductor photocathodes Quarterly report, Apr. - Jun. 1969	1969
19710075130	Surface treatment and sensitization of semiconductor photocathodes Quarterly report, Jul. - Sep. 1969	1969
19710075207	Qualification and reliability tests of Saturn S-1B stage pressure relief valve /20C30137/	1969
19710075209	Qualification tests of BuWeps drawing 2621777 transformers	1969
19710075257	Computer program documentation GENSAM-MARTSAM cantilever beam practice problem	1969
19710075370	Evaluation of coated columbium alloys for the SST sound suppressor	1969
19710075378	C3 reliability verification test procedure part number 2760372-2	1969
19710075388	Cure properties of sealants - F-111 aerodynamic smoothers	1969
19710075389	Evaluation of lubricant - Dry film coating combinations	1969
19710075395	Solvent vapor degreasing, chloroethene VG VS trichloroethylene Progress control test report	1969
19710075400	Evaluation test on NavOrd drawing 2606336, capacitor	1969
19710075402	Microcircuit, hybrid, lamp driver Final specification	1969
19710075406	Studies on nonlinear differential equations of state of generalized electromechanical machines Final report, 1 Jul. 1968 - 1 Jul. 1969	1969
19710075416	Echo pulse amplification Final report	1969
19710075417	Qualification tests of BuWeps drawing 2621535 resistors	1969
19710075418	Tensile test of a 24-inch specimen of 1100-0 aluminum	1969
19710075438	Transistor, NPN, power Failure analysis report	1969
19710075439	Microelectronic circuit, hybrid digital to analog converter Failure analysis report	1969
19710075440	Qualification tests of BuWeps drawing 2621538 resistors	1969
19710075441	Qualification test report of slip ring assemblies	1969
19710075444	Transistor, PNP high voltage Failure analysis report	1969
19710075445	Transistor NPN, power Failure analysis report	1969
19710075451	Ultraviolet exposure, high modulus composites	1969
19710075452	Developing a safe operational environment for a liquid metal facility	1969
19710075454	Anisotropic D/d,n/3He reaction yields in copper single crystals	1969
19710075455	Neutron spectroscopy by proton recoil proportional counter tubes in SUAK U1B, UH1B, UHC /VERA 7A/ and SNEAK 5 assemblies	1969
19710075457	Cryogenic thermal cycling of welded invar/stainless steel pipe	1969
19710075458	Dome regulator, Marotta P/N 230344, NASA P/N 75M51168-1, S/N 115 Failure analysis report	1969
19710075459	Identifying the design, materials and assembly processes of the Texas Instruments, Inc., SN54L20, dual 4 input positive nand gates Final report	1969
19710075469	Pressure regulator, Marotta P/N 280157-J11, NASA P/N 11M00790, S/N 137 Failure analysis report	1969
19710075470	Pressure regulator, Marotta P/N 230434-6000, NASA P/N 75M51102, S/N 103 Failure analysis report	1969
19710075474	A 90 day propellant compatibility test one Apollo-like SPS helium pressurization panel	1969
19710075475	Identifying the design, materials and assembly process of the Siliconix Incorporated SDG4102 dual spot SPST silicon switch Final report	1969
19710075476	Container, frozen food, crew equipment	1969
19710075477	Three year shelf life extension on confined detonating fuse manifold	1969
19710075513	Qualification of flow switch	1969
19710075518	Life test of BuWeps Drawing 2621815 resistors	1969
19710075529	Pathology at high altitude Final report	1969
19710075545	Design, fabrication and testing of a water cooled aerodynamic test model, sting and associated hardware asset Final report, Jul. 1966 - May 1969	1969
19710075546	Space storable propellant performance demonstration	1969
19710075550	Contamination environment for payloads on Titan 3C space launch vehicles from pad LC-40	1969
19710075551	Qualification test report of twist capsule assemblies	1969
19710075564	Computer program documentation GENSAM-MARTSAM 3D analysis practice problem	1969
19710075586	Shelf life extension of solid film lube, hydraulic oil and gear lube oil	1969
19710075590	Confined detonating fuse assembly shelf life extension program teardown analysis	1969
19710075591	Helium latching solenoid valve	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075593	Qualification of flow switch	1969
19710075619	The magic of fire	1969
19710075624	Program of policy studies in science and technology. The space program and the urban problem - Case studies of the components of national consensus	1969
19710075633	Parasitic armor attachment methods Final report	1969
19710075692	High temperature variable turbine program. Volume 3 - Demonstrator design and manufacturing /U/ Final report, May 1965 - Mar. 1969	1969
19710075693	High temperature variable turbine program. Volume 4 - Aerodynamic demonstrator test program /U/ Final report, May 1965 - Mar. 1969	1969
19710075694	High temperature variable turbine program. Volume 5 - High temperature demonstrator test program /U/ Final report, May 1965 - Mar. 1969	1969
19710075695	High temperature variable turbine program. Volume 6 - Appendices /U/ Final report, May 1965 - Mar. 1969	1969
19710075728	Technical photography and explosion phenomenology measurements from Operation Prairie Flat Final report	1969
19710075735	Qualification tests of BUWEPS drawing 2621538 resistors	1969
19710075738	Identifying the design, materials and assembly processes of the Signetics Corporation S5710T voltage comparator Final report	1969
19710075739	The effects of hydrogen on 5 Al-2.5 SN ELI titanium	1969
19710075746	Life test of BuWeps drawing 2621580 resistors	1969
19710075774	Federal development and application of the electronic computer. Federal contributions to management seminar series	1969
19710075781	A study of gas solubilities and transport properties in fuel cell electrolytes Semiannual report, 15 Oct. 1968 - 14 Apr. 1969	1969
19710075792	Evaluation of invar tubing welded with and without inserts	1969
19710075822	Stability characterization of refractory materials under high velocity atmospheric flight conditions Progress report	1969
19710075879	Grove Valve and Regulator Company, Viton A. Elastomer batch no. 871 /860/-1	1969
19710075881	Conformance of stainless steel tubing to specification requirement	1969
19710075953	CEPFR-1F measurements and assembly description	1969
19710075964	Data management users guide	1969
19710075969	AIM-7F /Sparrow/ DAMV studies. Part 4 verification AMCS-AERO 1A changes. Volume 1, part 2, section 4 - Qualification test report computer, target intercept CP-682/APA-157/M/ and modulator, radar MD-469/APA/M/ Final report	1969
19710075972	Coherent and incoherent X-ray scattering factors for helium and two-electron atomic ions, part 2	1969
19710075985	Corrosion and vibration analysis of leveling system charging pump unit	1969
19710075991	Reliability verification test for part number 2760355-2 transformer, power	1969
19710076037	Evaluation of cracks in turbine blade leading edge by use of krypton gas Final report	1969
19710076068	DART 2 summary report /U/	1969
19710076116	Electrical, environmental and physical evaluation of Type-996 integrated circuits	1969
19710076121	Electrical, environmental, and physical evaluation of Type-993 integrated circuits	1969
19710076122	The optimum design of shell structure for static strength, stiffness, fatigue and damage tolerance strengths	1969
19710076123	Electrical, environmental, and physical evaluation of Type-995 integrated circuits	1969
19710076124	Electrical, environmental, and physical evaluation of Type 989 integrated circuits	1969
19710076170	Molecular beam surface interaction Quarterly progress report, 25 Oct. 1968 - 25 Jan. 1969	1969
19710076215	Electrical, environmental, and physical evaluation of Type-985 integrated circuits	1969
19710076241	Direct color viewgraph preparation standard	1969
19710076244	High speed, high accuracy /15 bit/ synchro to digital converter development model	1969
19710076245	US commercial aircraft markets, 1969-1980	1969
19710076246	Federal plan for upper air observations above 30 kilometers, fiscal years 1969-1973	1969
19710076247	Evaluation of two UHF/VHF homing systems for the HH-52A helicopter. Test period 2 April - 10 May 1969	1969
19710076311	Qualification of RFI filters, Type 9000-500-0018, D34003213-001	1969
19710076314	Shielding design calculation for systems electromagnetic compatibility	1969
19710076347	Marotta Valve Corporation pressure regulator P/N 227464-J11 and 280606	1969
19710076354	Special study of the SA717 dc motor	1969
19710076357	Qualification of blower, type VIHL-C8-3C, to Honeywell D34003743-001	1969
19710076358	Qualification test of Erie Technology Products RF filter to Honeywell D34003214	1969
19710076359	Microelectronic circuits, logic	1969
19710076370	Low speed wind tunnel measurements of the oscillatory lateral stability derivatives for a model of a slender aircraft /HP 115/ including the effects of frequency parameter	1969
19710076371	A study of synthetic hail impact at high speeds on thin light alloy plates	1969
19710076372	A model for the study of boundary layer instability	1969
19710076373	Handling experiences in a RAF VC 10	1969
19710076374	Low speed wind tunnel calibration of a Mk 10A pitot-static head	1969
19710076375	Study of air traffic activity in and below the London TMA north of London and in the Buntingford area	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076392	AIM-7F /sparrow/ DAMV studies. Part 4 verification AMCS-AERO 1A changes. Volume 1, part 3, sections 5 and 6 - Qualification test report computer, target intercept CP-682/APA-157/M/ and modulator MD-469/APA-157/M/ Final report	1969
19710076399	Tensile testing of two 70 inch gauge length 1100-0 aluminum specimens	1969
19710076439	Study of an anechoic Fiberglass wedge shock attenuation treatment using pressure gauges	1969
19710076447	Evaluation of Mallory MTPH tantalum capacitors	1969
19710076448	Microelectronic devices, multivibrators, gates and driver, RCTL	1969
19710076475	Royal Industries pneumatically operated shutoff valve, 12-inch, P/N 11710-6	1969
19710076476	Solenoid valve, Marotta Valve Company NASA P/N 65B23278-53E, S/N 144, LOX bubbling system, S-1C mechanical GSE, ML-1	1969
19710076477	Solenoid valve, Marotta, NASA P/N 65B23278-53, S/N 122, S-1C mechanical GSE, ML-3	1969
19710076480	Three-way selector valve, Republic P/N 8421-1/42P, LH2 system, Complex 39A	1969
19710076481	Flow switch, McDonnell and Miller, P/N FS7-1	1969
19710076501	Stress analysis of sleeve sabot assembly	1969
19710076502	Shipping shock and vibration study of temperature detector	1969
19710076630	Nondestructive evaluation of printed wiring boards by means of microhm resistant measurements	1969
19710076631	Review of refractory alloys for the SST sound suppressor	1969
19710076643	Integrated circuit, sense amplifier	1969
19710076654	Development of an X-band low-noise traveling- wave tube amplifier with flat gain control and integral power supply Final report, 29 Apr. 1968 - 30 Apr. 1969	1969
19710076657	Electron beam welding of Ti-6Al-4V alloy picture frame edge members to Stresskin panel - Feasibility study	1969
19710076668	Evaluation of Fairchild muA723 voltage regulator, 12 March - 22 May 1969	1969
19710076677	Descaling stainless steel welded assemblies	1969
19710076682	Development of a two channel, delta modulated telemetry system for biological measurements	1969
19710076707	Evaluation test on capacitor, fixed, polycarbonate hermetically sealed, axial leads	1969
19710076708	Hardness assurance for electronic systems containing semiconductors	1969
19710076710	Leak rate test - Digital ranging generator	1969
19710076720	Reduction of errors in a free rocket by high spin rates	1969
19710076721	Confined detonating fuse manifolds	1969
19710076722	Qualification tests on BuWeeps drawing 2606237, capacitor	1969
19710076736	Qualification test of indicator light assembly	1969
19710076743	Transducer heater blankets /3/ Electrofilm, Incorporated P/N X175547-104909-A, LOX and LH2 systems, GSE, ML-3, Complex 39-B	1969
19710076744	Flow stability and gravitational effects in multitube condensers Final report	1969
19710076745	Simulated potassium boiler experiments insert evaluation tests using Freon-113	1969
19710076759	Response time, altitude, vibrational and thermal shock testing of Fenwal UV detectors detectors, P/N 90016-2	1969
19710076766	Marotta Valve Corporation, solenoid valve, 1/2 inch, 3000 psig, P/N 806098	1969
19710076767	Diesel oil filter elements from the Coastal Crusader range ship	1969
19710076768	Royal Industries pneumatically operated shutoff valve, 3 inch, P/N 11713-6	1969
19710076769	Sage Engineering and Valve Company, 4 inch by 6 inch safety relief valve, P/N 1-8017	1969
19710076773	Denison Engineering Division, Abex Corporation, relief valve, P/N R1V35-525	1969
19710076779	The 1563074 qualification lot	1969
19710076816	Sound speeds from mean sound speeds in the ocean	1969
19710076837	Pall Corporation differential gauges /2/, P/N RD303BZN93, S/N 17 and 22, leakage	1969
19710076842	Johnson Service Company load limiting relay, model R26	1969
19710076843	Marotta Valve Corporation, pneumatic relief valve, 1/4 inch, P/N 231074-22	1969
19710076867	Evaluation testing of radio frequency connector, SMP receptacle jack, 579R772	1969
19710076868	Qualification report for microelectronic device, per General Dynamics drawing 423-800380	1969
19710076899	Development of a magnetically deflected- magnetically focussed remote view image intensifier system /U/ Final report, Nov. 1967 - Jun. 1969	1969
19710076929	Miniature dual 2N914 in flat package	1969
19710076930	Ga/x/Al/1-x/As laser diodes Final technical report, 8 Nov. 1968 - 7 Nov. 1969	1969
19710076931	Ga/x/Al/1-x/As laser diodes Quarterly technical report, 8 May - 7 Aug. 1969	1969
19710076932	Modification of plasma by rapidly evaporating liquid additives Final report	1969
19710076945	Integral launch and reentry vehicle system Interim technical review summary briefing no. 2	1969
19710076963	Electrical, environmental, and physical evaluation of Type-988 integrated circuits	1969
19710076964	Shoreline diffusion program, Oceanside, California. Volume 1 - Technical report Final report	1969
19710076966	Shoreline Diffusion program, Oceanside, California. Volume 2 - Basic data Final report	1969
19710076972	Identifying the design, materials and assembly process of the National Semiconductor Corporation DM7563 up/down binary counter Final report	1969
19710076989	AIM-7F /Sparrow/ DAMV studies. Part 4 verification AMCS-AERO-1A changes. Volume 1, part 1, sections 1 thru 3 - Qualification test report computer, target intercept CP-682/APA-157/M/ and modulator, radar MD-469/APA-157/M/ Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077001	Applying the Kalman filter to pulse signal restoration	1969
19710077006	Identifying the design, materials and assembly processes of the Radiation Incorporated RA-909 operational amplifier integrated circuit /U/	1969
19710077009	Temperature-vacuum test on a torque motor	1969
19710077073	Transducer, Edcliff P/N 119476-3 S/N 5384, S-2 sidewall pressure transducer used in grd meas sys	1969
19710077079	Determination of cause of burning of commutator bands on 100 hp Hammerhead Crane Motor, S/NZX48-150, ML-3	1969
19710077080	Defective cable assemblies potted with 3M Company XR5038	1969
19710077088	Liquid level alarms, S/N354624144 and 354624145 industrial H2O electrical system	1969
19710077089	Solenoid valve, Marotta P/N 229604, model MV123K, S/N 470 retract pneumatic supply, service arm 9	1969
19710077162	Electrical, environmental, and physical evaluation of Texas Instruments Type-991 dielectrically isolated integrated circuits	1969
19710077163	Electrical, environmental, and physical evaluation of Texas Instruments Type-987 dielectrically isolated integrated circuits	1969
19710077164	Electrical, environmental, and physical evaluation of Type-990 integrated circuits	1969
19710077178	Electrical, environmental, and physical evaluation of type 992 integrated circuits	1969
19710077221	Electrical, environmental, and physical evaluation of type 1036 integrated circuits	1969
19710077223	Preliminary results of test series SECEDE 3, volume 1 Technical report, 1 Oct. 1968 - 31 May 1969	1969
19710077224	Analysis of SECEDE 3 HF data Technical report, 1 Jun. - 31 Oct. 1969	1969
19710077230	Mercoind Controls Corporation temperature switch range 4 bulb, Model DA-538-2	1969
19710077267	The effect of fabrication on properties and formability of 2219 alloy rivets, C465-5/6	1969
19710077268	Electrodeposition of organic finishes	1969
19710077276	Calibration of wattmeters using a bootstrap method of high-power measurement	1969
19710077415	Two-phase flow and nonequilibrium chemical kinetics in rocket nozzles and plumes /current MDAC capability proposed extensions/	1969
19710077479	Production engineering measure for zinc/air primary batteries Quarterly report, 1 Oct. - 31 Dec. 1969	1969
19710077488	Design and development of a 4PDT 10 ampere relay Final report	1969
19710077500	Analytical methods for computing the effects of turbine exhaust and film-coolant injection on rocket engine performance	1969
19710077501	Three year shelf life extension on confined fuse ordnance TEE	1969
19710077518	C-3 reliability verification test procedure part number 2760141-3	1969
19710077566	Microelectronic device, pulse triggered binary Final specification	1969
19710077610	Acceptance test of integrated wideband communication system. Part 1 - Vietnam Final report, Dec. 1967 - Jan. 1969	1969
19710077620	Circular polarization radome techniques Final report	1969
19710077668	Giannini Controls Corporation pressure transducer P/N 451319BW-A3V-7-600-20	1969
19710077670	Pressure transducer, Sparton SW Industries, Model 842-A-400-50	1969
19710077714	Sparrow Mk 65 Mod 0 motor Phase 2 PFRT program, volume 2 Final report	1969
19710077824	Contractor's Independent Research and Development Program (IR and D)	1969
19710077827	The use of pipe flow correlations to predict turbulent skin friction for drag reducing fluids	1969
19710077954	Ceramic microchannel arrays /U/ Final report	1969
19710078011	The normal modes of interconnected structures	1969
19710078039	Technical prospects of the use of digital flight recorders for operational research and accident prevention	1969
19710078054	Gust response measurements on a model aircraft	1969
19710078088	The effect of explosives and propellants on some thermoplastics and rubbers, part 2	1969
19710078095	Properties of 6061 aluminum sheet, telephragm materials program	1969
19710078103	Broadband UHF transistor structure Interim technical report, 1 Oct. - 31 Dec. 1968	1969
19710078152	Hercules C Mk 1 - Further air drop trials of stressed supply platforms, by extractor retarder method	1969
19710078188	Vertical cockpit accelerations measured on an operational jet transport aircraft	1969
19710078194	The Mark 9 semi closed circuit mixed gas breathing apparatus Final report	1969
19710078210	Gardner-Denver Company air motor, P/N MR50C10 S/N 301834 and 301835	1969
19710078240	Annin Company, P/N drawing 4903, 10-inch, group 18 pneumatically operated vacuum jacketed Y-globe valve	1969
19710078274	An experimental assessment of the possibility of damage to leaded windows by sonic bangs	1969
19710078287	Identifying the design, materials and assembly processes of Texas Instruments, Inc. SN 5491 8-bit shift register	1969
19710078289	Alternating current power module, GE P/N 40M08989-33, S/N0016, S-IC ESE system, ML-2, complex 39	1969
19710078309	Tescom Corporation pressure regulator, P/N 269-131-1	1969
19710078332	Pressure transducer, Statham /MDAC drawing no. 1 B39293/, ambient He sphere	1969
19710078414	A 1/4 inch NC valve, explosively operated	1969
19710078419	Free-fall parachuting from heights up to 40,000 feet. An investigation into associated problems, procedures and oxygen equipment	1969
19710078423	The influence of staging on reentry trajectory characteristics	1969
19710078510	Transducer heater blankets /3/ Electrofilm, Inc. PN 175547-104909-A, LOX and LH2 systems, S-2 stage GSE, ML-3, complex 39-B	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078842	Relief valve, Anderson Greenwood P/N 2-8038-8, S/N 20186, ML-3, LC-39	1969
19710078856	Bryon Jackson LOX pump, P/N 2C-4201, S/N 716427, leakage around shaft	1969
19710078857	Metallurgical inspection of flexible hoses	1969
19710078858	Nitrogen tetroxide fill line, P/N 32LM-55M-J60G	1969
19710078873	Apco dome loaded regulator, NR P/N 284-0258-0106, S/N 228, leakage through dome	1969
19710078875	Efco hydraulic ball valve, P/N D2158C, S/N 1534, leakage past seat	1969
19710078910	Apco dome loaded regulator, NR P/N 284-0258-0106, S/N 102, main seat leakage	1969
19710079130	Night vision goggle system /U/ Final report, Oct. 1966 - Mar. 1969	1969
19710079131	The 2-D far infrared target pointer /U/ Final technical report	1969
19710079202	Transmission secondary emission /U/ Final report, 12 Feb. 1968 - 12 Feb. 1969	1969
19710079212	Qualification test of transformer	1969
19710079213	Qualification of CA3015A operational amplifier	1969
19710079319	One dimensional failure testing of ATJS graphite, PTD and carbon phenolic using magnetically driven flyer plates /U/	1969
19710079348	Component evaluation report on coil, inductance, fixed 1 KHz, 6 watt, 20 V RMS	1969
19710079469	A 5/8 inch nc explosively operated valve propellant	1969
19710079506	Connector evaluation test	1969
19710079546	Integrated circuit, differential voltage comparator, dual	1969
19710079561	The /AlGa/As laser study Interim report, 1 Jul. - 30 Sep. 1969	1969
19710079568	Brazed beryllium 1-beam assembly	1969
19710079576	Integrated circuit, integrated line driver	1969
19710079583	Research objectives in the field of aircraft gas turbines	1969
19710079615	The 64 contact microminiature connector	1969
19710079696	Capacitor, variable, ceramic dielectric, 3.0 to 12.0 pf, 50 WVDC	1969
19710079698	Connector, coaxial, jack, type N	1969
19710079702	TRIAG - A triangular mesh space diffusion theory code for reactor calculations	1969
19710079712	Activity report of 1969. Part 3 - Fuel element development	1969
19710079734	Amplifier, integrated, operational	1969
19710079737	Qualification of capacitor, type 441-0763-006	1969
19710079741	Environmental qualification test report flight components, Athena H, relay ST-20174	1969
19710079753	Flight component qualification test results Athena H, relay, ST-2007-1, appendix	1969
19710079754	Activity report, 4th quarter, 1969	1969
19710079769	Study of electrical properties of exhausts /U/ Final report, 1 Apr. - 30 Nov. 1968	1969
19710079828	Exploratory development of nondestructive testing techniques for titanium billets and ingots Quarterly technical management report no. 3, 15 Aug. - 15 Nov. 1969	1969
19710079881	Exploration development of nondestructive testing techniques for titanium billets and ingots Quarterly technical management report, 15 May - 15 Aug. 1969	1969
19710079885	Development work on apparatus sea rescue, type A /Lindholme apparatus/ using Canberra test vehicles, 1969	1969
19710079886	A possible application of time/frequency techniques to the surveillance of civil aircraft movements	1969
19710079930	Mechanical properties of reinforced viton B vulcanizates	1969
19710079946	Studies and development of a 140 MWth sodium-cooled fast reactor for fuel element testing, 1969 activity report, part 2	1969
19710080098	Design criteria study for large surface effect ships, volume 1 /U/	1969
19710080099	Design criteria study for large surface effect ships, volume 2 /U/	1969
19710080105	MAD signal processor applicability study /U/ Final report	1969
19710080139	Automatic data extraction and preliminary processing in an operational numerical weather prediction system	1969
19710080206	Feasibility study of deep fracture electrical grounds Final report, 21 Jan. - 13 Jun. 1969	1969
19710080252	Anticondensation techniques Final report, 20 Oct. 1967 - 19 Feb. 1969	1969
19710080281	Exploratory development of nondestructive testing techniques for titanium billets and ingots Quarterly technical management report no. 1, 15 Feb. - 15 May 1969	1969
19710080291	Revised compressibility corrections in subsonic swept wing theory, with applications to wing design	1969
19710080381	Communications-Electronics 75 /CE-75/ phase 2 - Theater army. Annex I - Follow- on action requirements. Annex J - Signal organizational requirements	1969
19710080441	Simulation of earth's surface winds by artificially thickened wind tunnel boundary layers Progress report	1969
19710080442	A-6A direct lift control Final report, May 1967 - May 1969	1969
19710080465	Microyield properties of telescope materials Quarterly progress report, 1 May - 31 Jul. 1969	1969
19710080519	Advanced refractory alloy corrosion loop program Monthly progress report, 15 Jan. - 15 Feb. 1969	1969
19710080520	High temperature alkali metal valve test program Monthly progress report, 19 Dec. - 19 Jan. 1969	1969
19710080526	Fabrication and test of a space power boiler feed electromagnetic pump Monthly report, 4 Jan. - 3 Feb. 1969	1969
19710080527	Advanced refractory alloy corrosion loop program Quarterly progress report, 15 Jan. - 15 Apr. 1969	1969
19710080577	The 23rd monthly letter report for 6 February - 6 March 1969	1969
19710080579	Advanced refractory alloy corrosion loop program Monthly progress report, 15 Feb. - 15 Mar. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080580	A study of color center formation in white powder compounds by high energy radiation Monthly report, 1-31 Jan. 1969	1969
19710080581	Advanced refractory alloy corrosion loop program Monthly progress report, 15 Oct. - 15 Nov. 1968	1969
19710080584	Development of large diameter T-111 alloy tubing Monthly letter report, 6 Dec. 1968 - 6 Jan. 1969	1969
19710080585	Development of large diameter T-111 alloy tubing Monthly letter report, 6 Jan. - 6 Feb. 1969	1969
19710080588	A study of color center formation in white powder compounds by high energy radiation Monthly report, 1-31 Mar. 1969	1969
19710080592	Advanced refractory alloy corrosion loop program Monthly progress report, 15 Jul. - 15 Aug. 1969	1969
19710080601	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 1 Apr. - 1 May 1969	1969
19710080611	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 1 Feb. - 1 Mar. 1969	1969
19710080614	High temperature alkali metal valve test program Monthly progress report, 19 Nov. - 19 Dec. 1968	1969
19710080615	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Feb. - 1 Mar. 1969	1969
19710080625	Development of high-temperature ceramic rectifiers, thyratrons, and voltage reference tubes Monthly progress report, 28 Mar. - 27 Apr. 1969	1969
19710080627	Development of large diameter T-111 alloy tubing monthly letter report, 6 Apr. - 6 May 1969	1969
19710080628	Development of large diameter T-111 alloy tubing Monthly letter report, 6 Mar. - 6 Apr. 1969	1969
19710080631	Comparative evaluation of Scott Aviation, Incorporated model 3300 closed circuit oxygen breathing apparatus with single and double demand valves Final report	1969
19710080638	Determination of biaxial creep strength of T-111 tantalum alloy Monthly progress report, 8 Nov. - 8 Dec. 1968	1969
19710080645	A study of color center formation in white powder compounds by high energy radiation Monthly report, 1-30 Apr. 1969	1969
19710080649	Development of high-temperature ceramic rectifiers, thyratrons, and voltage reference tubes Monthly progress report, 28 Jan. - 27 Feb. 1969	1969
19710080651	Physico-chemical models of excitable membranes	1969
19710080661	Development of large diameter T-111 alloy tubing Monthly letter report, 6 Sep. - 6 Oct. 1969	1969
19710080667	Fabrication and test of a space power boiler feed electromagnetic pump Monthly report, 3 Feb. - 3 Mar. 1969	1969
19710080686	Development of high-temperature ceramic rectifiers, thyratrons, and voltage reference tubes Monthly progress report, 28 Dec. 1968 - 27 Jan. 1969	1969
19710080687	Fabrication and test of a space power boiler feed electromagnetic pump Monthly progress report, 3 Dec. 1968 - 3 Jan. 1969	1969
19710080688	Advanced refractory alloy corrosion loop program Quarterly progress report, 15 Apr. - 15 Jul. 1969	1969
19710080690	Development of space stable, low solar absorptance, pigmented, thermal control coatings	1969
19710080695	Service life extension test program landing gear support structure, model A-3B airplane, volume 1 Final report, Mar. - Apr. 1969	1969
19710080702	Consolidated Precision Corporation 3/8 inch flex hose assembly, P/N BX-8009-06-0400	1969
19710080704	Thermo Tech, Incorporated 6x8 inch double wall hose assembly, P/N-6401-1	1969
19710080706	Flexible Tubing Company flexible connector, P/N L-9	1969
19710080721	Potassium Boiler Development Program Monthly Progress Report, 31 Dec. 1968 - 31 Jan. 1969	1969
19710080906	Anaconda Metal Hose Division flex hose, P/N 84323	1969
19710080956	Development of large diameter T-111 alloy tubing Monthly letter report, 6 Jul. - 6 Aug. 1969	1969
19710081059	Determination of elevated-temperature fatigue data on refractory alloys in ultra-high vacuum Monthly progress report, 1 Dec. 1968 - 1 Jan. 1969	1969
19710081064	Determination of biaxial creep strength of T-111 tantalum alloy Monthly progress report, 8 Dec. 1968 - 8 Jan. 1969	1969
19710081067	Test to determine the relationship between jet exhaust temperature and radiated jet noise	1969
19710081189	The systems approach to reliability demonstration	1969
19710081194	Improving avionic equipment reliability via test and failure analysis	1969
19710081265	Binocular, electronic SU-50/ /u /U/ quarterly report, 16 Oct. 1968 - 15 Jan. 1969	1969
19710081269	Corrosion prevention on river patrol boat antenna coupler	1969
19710081331	Low-speed wind-tunnel measurements on an uncambered ogee wing with trailing-edge controls including measurements of hinge moment and the effect of ground	1969
19710081336	C-3 reliability verification test procedure part no. 2760372-2	1969
19710081369	Fatigue damage detection methods	1969
19710081445	Valve, check, series parallel with integral filters	1969
19710081555	Surface effect ships craft dynamics program. Volume 2. Technical discussion. Part 1 - Introduction. Part 2 - Stability and control Final report	1969
19710081556	Surface effect ships craft dynamics program. Volume 2 - Technical discussion. Part 3 - Seal design analysis. Part 4 - Performance. Part 5 - Model test programs. Part 6 - Verification test program Final report	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081557	Surface effect ships craft dynamics program. Volume 2 - Technical discussion. Appendixes A through G Final report	1969
19710081658	Generation of long-time creep data on refractory alloys at elevated temperatures Monthly progress report, 1 Jan. - 1 Feb. 1969	1969
19710081735	Environmental qualification test report, flight components Athena H, bolt cutter /ST-20113-2/	1969
19710081739	C3 reliability verification test procedure. Part no. 2760038 - Integrated circuit high voltage, high current driver	1969
19710081755	Republic Manufacturing Company, hydraulic check valve, P/N 497-12Y-2	1969
19710081758	Manning, Maxwell and Moore, P/N 1910-DC/L3/SPEC, 1 inch by 2 inch, 400 psig relief valve	1969
19710081808	Power supply, regulated	1969
19710081809	Oscillator, audio frequency	1969
19710081816	Oscillator, RF	1969
19710081822	RP-1 check valve, Flomatics, model E-101	1969
19710081826	Anaconda metal hose flexible hose, P/N 84637	1969
19710081858	Reliability verification test procedure part number 2760111, 2760112	1969
19710081872	Oscillator, RF	1969
19710081887	Fluid Dynamics, Incorporated, filter assembly, filter P/N FL1329-1, element P/N FE 1798-1	1969
19710081899	Multilayered boards Final report, Jul. 1966 - Jul. 1968	1969
19710081922	Silicon, controlled avalanche, rectifier	1969
19710081954	Reactor operations Monthly report	1969
19710081968	Marotta Valve Company 3/8 inch, 2 way, 2 position solenoid valve, model no. MV-130, part no. 229634, revision C2532	1969
19710081980	Joint pins and bushings	1969
19710081992	Development of explosive bonding and forming	1969
19710082024	American Bosch Arma Hydraulic Accumulator P/N ESH41-714-FD modified	1969
19710082123	Cost studies of multipurpose large launch vehicles. Volume 1 - Half size /MLLV/ design, sections 1.0 -4.3 Midterm report, 1 Jul. - 31 Dec. 1968	1969
19710082124	Cost studies of multipurpose large launch vehicles. Volume 2 - Resource implications, section 4.4 Midterm report, 1 Jul. - 31 Dec. 1968	1969
19710082125	Cost studies of multipurpose large launch vehicles, Volume 3 - Baseline AMLLV costs, section 5.0 Midterm report, 1 Jul. - 31 Dec. 1968	1969
19710082155	Development and construction of a 340 kW pile type remotely activated primary battery /U/ Final engineering report	1969
19710082159	Development of roll formed type B insulants for rocket motors	1969
19710082284	Reduced detectability of aircraft /Quiet aircraft/ /U/ Final report, Dec. 1968 - Sep. 1969	1969
19710082419	Vietnam laboratory assistance program. Comparative analysis of a S-1729, modified AS-1729, and RC-292 communication antenna systems	1969
19710082470	Modification of radio set AN/VRC-46 R/T-524 to eliminate blower noise	1969
19710082522	IRRSAM inlet studies /U/ Final report	1969
19710082526	Phase coded signal processing system /U/ Final report, Sep. - Oct. 1969	1969
19710082601	Stress state transducer development program. Phase 2 - Transducer designs and evaluation acceptance test procedures	1969
19710082683	Emissivity coatings for low temperature space radiators Monthly progress report, 1-31 Dec. 1968	1969
19710082756	Transformers and inductors for use in guided missiles	1969
19710082791	Development of tungsten coated UO2 particle cermets and high performance converters with preferred electrode surfaces Monthly progress report	1969
19710082938	Glass experimental recoil mechanism Final report	1969
19710082980	Damping of sound in a cavity	1969
19710083048	Pacific Valve Incorporated, part numbers G1710JYT-G070-WE and G1710 HYT-10K-G070-WE 4 inch vacuum jacketed globe valve	1969
19710083050	Butterfly valve, 14 inch electric, Keystone Valve Corporation, series 100	1969
19710083054	Sage Engineering and Valve Company relief valves P/N 1-2101, 1-2076 and 1-2076-2, 150 psig and 3480 psig	1969
19710083062	Flow control snubber valve, Autoponents P/N FA25SS	1969
19710083071	James, Pond and Clark, Incorporated, check valve, P/N 299T-24ZZ	1969
19710083072	General Electric Company electric resistance heater P/N 7A525639	1969
19710083074	Stewart Warner Corporation relief valve /GN2/, P/N 116B1300-11	1969
19710083210	Failure analysis of pneumatic actuated water quench valve, Crane P/N K5800, /Crane Company 14959/	1969
19710083334	Mechanization approach for the P-3C OMEGA navigation system Final report	1969
19710083355	Simulation of advanced integrated reconnaissance systems. Volume 1 - Analytical model	1969
19710083863	Infrared parametric upconverter study Interim progress report, 12 May 1967 - 12 May 1969	1969
19710084031	Linear array scattering	1969
19710084082	Shoreline diffusion program, Oceanside, California. Volume 3 - Processed data Final report	1969
19710084558	Surface effect ships craft dynamics program. Volume 1 - Summary Final report	1969
19710084648	Aluminum wire terminations - A current technology survey	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084685	Shelf-life item management program - A reexamination	1969
19710084858	Night observation device, long range 1-1/2 generation, part no. 88436400000 Environmental test report, 8 May - 20 Aug. 1969	1969
19710085189	The effect of periodic bottom layering on acoustic reflectivity	1969
19710085219	Air-sea interaction - The fluxes in the atmospheric boundary layer	1969
19710085268	Oceanographic cruise, Coral Sea, April - May 1967	1969
19710085269	Oceanographic cruise, Coral Sea, November - December 1966	1969
19710085283	Design and development of a safety and arming device for fuze, rocket - Proximity, XM 429 Final report	1969
19710085409	Reduction of microbial dissemination, germicidal activity of ethylene oxide Summary progress report no. 12	1969
19710085440	An investigation of digital correlation using probability models	1969
19710085575	New digital correlation concepts with applications to two and four level clipping	1969
19710085732	Environmental qualification test report, flight components, pyrotechnic battery	1969
19710085909	Development work on apparatus sea rescue, type A /Lindholme apparatus/ using Canberra test vehicles, 1969	1969
19710085935	Electric wheel drive tested vehicle assembly, preliminary test and evaluation Final technical report	1969
19710086009	Total airline profit and simulation models	1969
19710086244	The COMMEL model Final report	1969
19710086245	The COMMEL model. Annex B - COMMEL model program documentation Final report	1969
19710086246	The COMMEL model. Annex B - COMMEL model program documentation. Section 4 - Flowcharts. Part 1 - Input preparation programs Final report	1969
19710086247	The COMMEL model. Annex B - COMMEL model program documentation. Section 4 - Flowcharts. Part 2 - Simulator programs Final report	1969
19710086248	The COMMEL model. Annex A - Description of the COMMEL model Final report	1969
19710086375	The COMMEL model, annex B, COMMEL model program documentation. Section 4 - Flowcharts. Part 3 - Simulator programs continued Final report	1969
19710086390	The COMMEL model, annex B, COMMEL model program documentation. Section 4 - Flowcharts. Part 4 - Simulator programs continued Final report	1969
19710086544	Apollo Integrated Navigation System (INS)	1969
19710086610	The Commel model. Annex E - Use of the Commel model for parametric evaluation of communications problems Final report	1969
19710086611	The Commel model. Annex C - Commel model user's guide Final report	1969
19710086612	The Commel model. Annex D - Sensitivity analysis Final report	1969
19710086613	The Commel model. Annex B - Commel model program documentation. Section 4 - Flowcharts. Part 5 - Output processing programs Final report	1969
19710086616	Adhesive tests, four adhesives for aluminum bonding applications	1969
19710086799	Pacific Valve, Incorporated, 10 inch pneumatically operated, vacuum jacketed globe valve P/N B1710JYT-10K-G070-WE, supplement	1969
19710086830	SNAP-8 boiler development - Evaluation of SB-2 boiler test results	1969
19720002461	Characteristics of the collimator constructed for the Inchass whole body monitor	1969
19720002528	Optical model code JIB3 (version Perey 3)	1969
19720002911	Monitoring of integrated thermal and fast neutron fluxes in experimental channels of the VVR-M reactor at the USSR Academy of Sciences, A. F. Ioffe Institute of Applied Physics	1969
19720002912	Minimisation of the reactor component of physics research costs	1969
19720002963	The rho meson production in high energy pion-collisions with nuclei	1969
19720002964	Nuclear sciences research	1969
19720002984	Kinematics of multiparticle final states in high energy reactions	1969
19720002985	Computer subprograms for scattering problems	1969
19720003122	Instabilities in an inhomogeneous plasma	1969
19720003123	Particle losses and instabilities in toroidal systems	1969
19720007828	Turbine generator: References for the JPDR operation	1969
19720008175	Transient Waveform Control of Electromagnetic Test Equipment	1969
19720008177	Protuberance Effects on Limiter-Equipped Hard Landing Payloads	1969
19720008191	Measured Vibration Ride Environments of an STOL Aircraft and a High-Speed Train	1969
19720008193	Rail Vehicle Dynamic Studies	1969
19720008201	Applications of Holography to High Frequency Vibrations and Transient Response	1969
19720008202	Low-Frequency Portable Vibration Measuring and Recording System	1969
19720008206	On-Line Computer Applications for the Apollo Short Stack Combined Environments Test Program	1969
19720008949	Nuclear spectroscopy with a deuteron beam	1969
19720008972	Interaction of a large-amplitude wave with a plasma: Trapping	1969
19720008973	Electromagnetic instabilities in a slightly relativistic plasma	1969
19720009216	Experiments on inelastic damping of space vehicle ducts	1969
19720009225	Response and optimization of an isolation system with relaxation type damping	1969
19720062151	Study of the behavior of high-speed angular contact ball bearings under dynamic load	1969
19720062433	Carbon oxidation kinetic studies using methods of frequency response	1969
19720062784	GSFC-Mark 1 tracking and data relay Satellite (TDRS) system concept, volume 1	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720062835	Sliding electrical contacts for unmanned scientific satellites	1969
19720062836	Performance of solid lubricated contacts for spacecraft	1969
19720062838	Friction and contact resistance for low speed gallium lubricated sliding electrical contacts of beryllium in vacuum	1969
19720063064	Comparative flight envelopes for three different design point subsonic nuclear airplanes	1969
19720063598	National Aeronautics and Space Act of 1958, as amended, and related legislation	1969
19720064001	Effect of hyperoxia on the survival of red blood cells in the rat using co-14 technique	1969
19720064002	The absorption and laser excited fluorescence of matrix isolated CuO	1969
19720064003	Applications of generalized inverses in the solution of linear equations and function minimization	1969
19720064004	Theoretical and experimental studies of notched columns subjected to axial compressive loads	1969
19720064005	Electron microscope studies on aging drosophila melanogaster. 3: Flight muscle	1969
19720064020	Meteor research program	1969
19720064038	Incentive contracting guide	1969
19720064050	Observations of the $(2\pi/2) J$ equals $5/2$ OH excited state in W3	1969
19720064118	Experiments in remote geological reconnaissance and landmark navigation	1969
19720064123	LRV navigation and guidance system, phase A study report	1969
19720064276	Meteor research program	1969
19720064277	Born wave calculation of atom-atom inelastic cross sections. 1: Description of target atom by elastic and inelastic X-ray from factors	1969
19720064278	Born wave calculation of atom-atom inelastic cross sections: Excitation of He (1 sup 1 S) to He (N sup 1 L) by hydrogen atoms	1969
19720064279	Multistate impact-parameter calculation of atom-atom excitation cross sections: Excitation of H (1 s) by He (1 sup 1 S)	1969
19720064280	Impact-parameter calculation of hydrogen double excitation collisions	1969
19720064603	Every dendroid is tree like	1969
19720064604	Sleep and wakefulness: A closer look	1969
19720064620	Tables of zeroes and weights for Gauss-Hermite quadrature for N equals 200, 400, 600, 800, 1000 and 2000	1969
19720064621	Glorified Shadows in molecular scattering. Some optical analogies	1969
19720064692	A proposed total CMG attitude control system for orbiting spacecraft	1969
19720064697	AS-506 G mission launch vehicle operational trajectory	1969
19720064804	Some computational problems and methods related to invariant factors and control theory	1969
19720065291	Kronecker matrices, computer implementation, and generalized spectra	1969
19720065295	Direct observation of deformation microstructures surrounding a bullet hole in stainless steel sheet	1969
19720065365	Spectroscopic determination of local field parameters	1969
19720065366	Evaporation from a spherical source into a vacuum or into a pure vapor under strong nonequilibrium conditions	1969
19720065367	Fluorescence spectra resulting from VUV photon impact on COS	1969
19720065370	Residual structure and mechanical properties of alpha brass and stainless steel following deformation by cold rolling and explosive shock loading	1969
19720065372	Hypersonic weak interaction solutions for flow past a very slender axisymmetric body	1969
19720065373	On the three dimensional hypersonic needle problem in the viscous strong-interaction regime	1969
19720065375	Absolute stability of dynamic system containing non-linear functions of several state variables	1969
19720065376	Residual structure and mechanical properties of alpha brass and stainless steel following deformation by cold rolling and explosive shock loading	1969
19720065377	Absorption coefficients of O2 at the Lyman-alpha line and of other O2 transmission windows	1969
19720065378	Constant directions of the Riccati equation	1969
19720065449	Hypersonic gas dynamics of slender bodies	1969
19720065450	Spectral broadening of Europium ions in glass	1969
19720065452	Potential functions in mathematical pattern recognition	1969
19720065453	An optimal stochastic control problem with observation cost	1969
19720065496	Viscous and inviscid slender-body problems of hypersonic flow	1969
19720065504	Recursive, fixed length polynomial estimation	1969
19720065505	Continuum models of high density traffic flow	1969
19720065506	Optimal sequential detection of Gaussian processes	1969
19720065507	Characteristic geometry and diffraction contrast of dispersed ThO2 crystals	1969
19720065515	Forbidden absorption bands of O2 in the argon continuum region	1969
19720065623	A double monochromator for the extreme ultraviolet	1969
19720065624	Reliability in digital systems with asymmetrical failure modes	1969
19720065627	An algorithm for a fast Hadamard matrix transform of order twelve	1969
19720065628	A compact, low cost, forced-convection helium capsule for in-pile fuel element tests	1969
19720065781	Considerations on precision temperature control of a large orbiting telescope	1969
19720065782	Time dependent monoenergetic neutron transport in a finite slab with infinite reflectors	1969
19720065884	A preliminary investigation of the elastic and shear moduli of aluminum matrix boron filament composite at room and elevated temperatures	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720065886	Atomic oxygen concentrations determined from high resolution absorption spectroscopy	1969
19720065894	An ultrahigh vacuum specimen chamber for in situ electron microscopy of vapor deposition processes	1969
19720065950	Absolute far infrared absorption intensities of alpha-nitrogen	1969
19720066021	Solar array performance as a function of orbital parameters and spacecraft attitude	1969
19720066078	Preliminary investigation of the thermal stress and insulation properties of stabilized zirconia and cement coatings on thin-gage refractory metal	1969
19720066146	On a generalization of the Ho-Kashyap algorithm to multi-class pattern classification	1969
19720066153	Rapid heat flow surveying of geothermal areas, utilizing individual snowfalls as calorimeters	1969
19720066253	An ecological factor of significance in the study of bacterial populations of the human small intestine using ileostomy specimens	1969
19720066281	Lunar medicine	1969
19720066290	The impact of cybernetic information technology on management value systems	1969
19720066296	Manned landings and theories of lunar formation	1969
19720066433	Quasi-stellar objects: A progress report	1969
19720066434	Discrete X-ray sources: A theoretical appraisal	1969
19720066435	Red-shifts of quasi-stellar objects and related extragalactic systems	1969
19720066437	Minor planets. 3: Lightcurves of a Trojan asteroid	1969
19720066440	A new color-television graph plotter for digital computers	1969
19720066466	User's manual for the generalized radiation transfer code (RAD/EQUIL)	1969
19720066534	Abstracts of digital computer code packages assembled by the Radiation Shielding Information Center, volume 1	1969
19720066535	Abstracts of digital computer code packages assembled by the Radiation Shield Information Center, volume 2	1969
19720066553	Apollo CSM 104 power factor correction box assembly qualification on test P/N V37-440080, S/N 06362 AAG 9398 and P/N V37-440080-101, S/N 06362 AAH 0001	1969
19720066558	Baseline configuration definition for AAP missions 1 through 4	1969
19720066752	Investigation of detonation characteristics of gaseous nitric oxide (NO) at elevated pressures	1969
19720066763	Apollo SPS engine qualification test report on bipropellant valves MOD IE	1969
19720066806	Studies of thermionic materials for space power applications	1969
19720066807	Studies of thermionic materials for space power applications	1969
19720066820	Germicidal activity of ethylene oxide reduction of microbial dissemination	1969
19720067239	A very high-velocity gas cloud near the nucleus of NGC 4939	1969
19720067557	Study of the effects of space vehicle vibrations on chromosomes and other cellular structures	1969
19720067558	The structure of the alkaline-earth metal diffusion flame	1969
19720067559	The combustion of the alkaline earth metals in carbon dioxide	1969
19720067560	Starting thrust transients of solid rocket engines	1969
19720067606	Additional Radioactive Materials Laboratory, experimental and analytical investigations for support of a UO2 irradiation: A supplement to NASA-CR-72356	1969
19720067615	Measured UO2 loss rates for a thermionic fueled emitter with a central vent	1969
19720067617	Thermal cycling of uranium dioxide-tungsten cermet fuel specimens	1969
19720067973	Analysis of an ionized merged-layer hypersonic flow over a blunt body	1969
19720067974	Measurement of N2(plus) plus e(minus) dissociative recombination in expanding nitrogen flows	1969
19720067975	Measurement of O2(plus) plus e(minus) dissociative recombination in expanding oxygen flows	1969
19720068035	Generation of long time creep data on refractory alloys at elevated temperatures	1969
19720068040	Diagnostic tests of some models of flame spreading over condensed phase materials	1969
19720068066	Shield benchmark problems	1969
19720068071	Analysis and performance of an explosively driven shock tube	1969
19720068079	A belated note on LM, shifts in LM, and Keynes' minimum rate of interest	1969
19720068082	Compactness and convexity of static contractual sets	1969
19720068383	Study of the feasibility of reducing the injector dribble volume of the Apollo SM-LM RCS engine. Phase 1: Preliminary design-analysis and design	1969
19720068460	Use of algae in space biology: A guide for student research	1969
19720068465	A new model of system 2 photochemical centers	1969
19720068480	Tracking and Data Relay Satellite Network (TDRSN)	1969
19720068520	Measurement of efficiency of two element echelle spectrograph	1969
19720068738	Space shuttle data. Volume 8: Test and production	1969
19720069284	Space shuttle overview	1969
19720069323	The influence of thermomechanical processing on the structure and properties of the structure and properties of maraging steel maraging steel	1969
19720069425	The influence of thermomechanical processing on the structure and properties of maraging steel	1969
19720069510	Heat transfer between impinging fluid jets and heated surfaces placed normal to the jet	1969
19720069522	Calculation of pressure drop of turbulent flows in annuli with rough inside surface, phase 1B	1969
19720069960	The Shock and Vibration Bulletin, December 1969	1969
19720069961	Rigid and resilient shipboard piping systems: What constitutes acceptable shock performance/qualification?	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069962	Damping values of naval ships obtained from impulse loadings	1969
19720069963	Catapult excited mast-island vibration on an aircraft carrier	1969
19720069964	Compressed-air launchers	1969
19720069965	Equipment cabinet mounting for shipboard shock	1969
19720069966	Response of the Low Speed FAE and Helicopter Trap Weapons (IHTW) to captive flight vibration	1969
19720069967	Response of TIAS mechanical model during laboratory sine and random vibration compared to inflight and vibroacoustic responses	1969
19720069968	Captive flight design and test criteria	1969
19720069993	The precise indication of shot ejection by the ballistic separation discharge	1969
19720070129	Photoemission from semiconductors	1969
19720070131	Photoemission from semiconductors	1969
19720070132	Photoemission from semiconductors	1969
19720070133	Photoemission from semiconductors	1969
19720070269	Investigation of corrosion products found on panel top from 30-66 Vdc power supply	1969
19720070270	Electric disc brake, no. 2 vertical drive system, ML, Complex 39	1969
19720070271	Solenoid valve, Marotta P/N 803664-10461, S/N 926 service arm 10 ML, Complex 39	1969
19720070280	Materials guide for radiation resistant systems	1969
19720070286	Allocating work, funds and manpower to department of defense laboratories	1969
19720070299	The Institute of Atmospheric Physics for CNR and the project for the development of meteorology in Italy for assisting civil meteorological protection	1969
19720070322	Ammunition series: Fuzes, engineering design handbook	1969
19720070340	Results of device testing at IBM flash X-ray facilities	1969
19720070371	Pre/post neutron correlation of Radiation Incorporated monolithic structures	1969
19720070421	Standard test blocks for eddy current probe calibration	1969
19720070424	Process development of thin film nickel chromium resistors	1969
19720070556	Qualification test report of ac electrical resolver	1969
19720070566	Statistical variations in fracture toughness data of airframe materials	1969
19720070567	A shimmy analysis method for nonlinear landing gears	1969
19720070573	Semiconductors transistor, power, complimentary pair, NPN, PNP, silicon, metal can	1969
19720070574	Qualification test of transformers	1969
19720070586	Microfilm Storage and Display system (MSD)	1969
19720070673	Development of a microchannel electro-optical inverter image intensifier tube	1969
19720070852	Basic loads analysis for the model YAIM-7E-2 Sparrow 3 (U)	1969
19720070874	Structural design criteria for the AIM-7E (AAM-N-6B) Sparrow 2, addendum 1 (U)	1969
19720070876	Strength analysis for the model AIM-7E-2 Sparrow, Revision C (U)	1969
19720070877	Strength summary and operating restrictions for the AIM-7E (AAM-N-6B) Sparrow 3, revision C, addendum 1 (U)	1969
19720070878	Final structural test report for the AIM-7E (AAM-6B) and the AIM-7E-2 Sparrow 3, revision D (U)	1969
19720071131	Evaluation testing of RF connector	1969
19720071136	Transformer, interstage, encapsulated, wide band, microminiature	1969
19720071165	Microelectronic device, amplifier, video, differential, Westinghouse part number 580R960H01	1969
19720071166	Salt spray test of 579R047H02 servo motor	1969
19720071197	Athena H aerodynamic data summary. Revision A	1969
19720071224	Coagulation studies in newcomers to high altitude	1969
19720071340	Procedures for avoiding heat-treat cracking in nickel-base superalloy weldments	1969
19720071345	Short range infrared SRV 2	1969
19720071346	Short range viewer 1	1969
19720071347	Interference mitigation in pipelines	1969
19720071349	Short range viewer	1969
19720071563	Microchannel image converter tube (U)	1969
19720071565	Advanced turbine engine gas generator conceptual studies and feasibility experimental test program. Volume 2: Supporting experimental program (U)	1969
19720071619	Development of a microchannel electro-optical inverter intensifier tube (U)	1969
19720071620	Development of a microchannel electro-optical inverter image intensifier tube (U)	1969
19720071621	Development of a microchannel electro-optical inverter image intensifier tube (U)	1969
19720071622	Development of microchannel electro-optical inverter image intensifier tube (U)	1969
19720071623	Development of a microchannel electro-optical inverter image intensifier tube (U)	1969
19720071665	Development and flight test evaluation of the M-117 laser guided bomb (U)	1969
19720071695	Supermaneuverability of fighter aircraft (U)	1969
19720071965	Nitrogen hand valve, Dragon P/N 817054KT	1969
19720072115	Payload development for a high altitude plasma injection experiment	1969
19720072129	Report on the Gak 1 gyro attachment	1969
19720072176	Electromagnetic pulse system. Volume 1: Van de Graaff	1969
19720072211	SGS-232 sailplane. Acoustic test	1969
19720072214	Integrated seismic research signal processing system	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072226	Integrated seismic research signal processing system	1969
19720072258	Airfield pavement evaluation report, Keesler Air Force Base, Biloxi, Mississippi	1969
19720072382	Airfield pavement evaluation report, Laredo Air Force Base, Texas	1969
19720072383	Airfield pavement evaluation report, Hirsch Auxiliary Field, Laredo, Texas	1969
19720072384	Airfield pavement evaluation report, Robert Gray Army Airfield, Fort Hood, Texas	1969
19720072385	Evaluation of Harvey and Kaiser production AM2 landing mat	1969
19720072390	Response of highrise buildings to ground motion from underground nuclear detonations	1969
19720072491	Geophysical instrumentation developments of Naval Avionics Facility	1969
19720072532	Use of protective coatings for solderability improvement of solder leveled copper	1969
19720072667	US/FRG V/STOL tactical fighter program definition phase. Part 2, volume 5-5-2: Performance analysis GE-1 (U)	1969
19720072778	Reliability of the AN/APG-59 radar set and potential for improvement (U)	1969
19720073253	Auroral zone effects on Omega	1969
19720073257	Coaxial cable responses to ionizing radiation	1969
19720073306	EFCO Hydraulics, Incorporated, manual value, P/N PM22M-6075-316-T-MC240	1969
19720073307	Relay, Cutler Hammer, P/N 6042H146, hazardous 162-69 gas detection system, ML-3, AS-505	1969
19720073341	Contract end item detail specification (prime equipment) performance/design and product configuration requirements, part 1	1969
19720073396	Coating of surfaces requiring decontamination	1969
19720073427	Hercules C MK 1 aircraft. Part 6: Air-drop of medium stressed platforms using the Mains Extraction technique	1969
19720073460	A new treatment of the subsonic lifting surface problem using curvilinear co-ordinates. Part 2: Numerical convergence tests and comments related to possible future development	1969
19720073527	Argosy C Mk-1: Airdrop of 1 ton containers	1969
19720073677	Contract end item detail specification. Part 2: Product configuration and acceptance test requirements, Saturn S-IB stages 3-28 for Saturn S-1B system and Saturn IB project	1969
19720073678	NASA Space Shuttle Task Group technology program plan	1969
19720073769	Development of high-performance Domino propellants (U)	1969
19720074019	GSFC Mark 1 Tracking and Data-Relay Satellite (TDRS) system concept phase A study Volume 2: Appendixes	1969
19720074043	NASA space shuttle task group report. Volume 4: Program plans	1969
19720074050	Surface electrical properties	1969
19720074058	Apollo applications program specification	1969
19720074105	The motion and damping of buildings relative to seismic response spectra	1969
19720074186	Design technical instruction for corrosion protection of stainless steel tubing assemblies	1969
19720074187	Annin Company model 1800, 4 inch pneumatically operated, vacuum jacketed, globe valve	1969
19720074192	Belfast C Mk-1: XR-364. Assessment of flight control system Mk 29 for initial CA release of autoland	1969
19720074269	Space Flight Payload Capability	1969
19720074396	Track-ball modules using contact (brush) encoders, evaluation	1969
19720074398	Current oscillations in doped thin films of CdSe	1969
19720074476	Specification control drawing for gate, electronic, integrated circuit, dual, 4-input, DTL	1969
19720074485	Development plan for the propulsive wing airplane	1969
19720074528	Analysis of the problem of uncertainty in launch vehicle cost models	1969
19720074593	Determination of physical and technological properties of superinsulation	1969
19720074594	A vacuum grating spectrometer for measuring the transmission of atmospheric gases in the infrared spectral region	1969
19720074664	AN/SRA-58 antenna coupler group: Engineering evaluation	1969
19720074755	Properties and performance of nitrogen tetroxide and unsymmetrical dimethylhydrazine	1969
19720074765	Microstructure, creep and failure: A program for research in high temperature materials	1969
19720074977	Measurement aircraft optical requirements (U)	1969
19720075038	Assessment of Jupiter invader lightweight hand-operated fuel pump	1969
19720075064	Engineering appraisal of the GQ personnel and stores lowering equipment	1969
19720075117	Qualification tests of a type VFM3 voltage and frequency monitor, catalog no. VM-42437 manufactured by Acme Electric Corporation, Cuba, New York	1969
19720075175	Microstructure, creep and failure: A program for graduate education and research in high temperature materials	1969
19720075230	Optimized telemetry system design. Volume 4: Evaluation procedures and results for telemetry system equipment	1969
19720075231	Optimized telemetry system design. Volume 5: High level versus low level multiplexing techniques	1969
19720075458	A 1pi clinostat: Irradiation system (clino-irradiator)	1969
19720075478	X-ray astronomy	1969
19720075520	Edits to Univac 1108 EXEC 8 version of CINDA	1969
19720075555	Spacecraft operational trajectory for Apollo 12 (Mission H-1). Volume 1: Hybrid mission profile launched 14 November 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075648	Capacitor, fixed, mylar, 0.01UF plus or minus 10 percent, 100 VDC. minus 6 percent to plus 15 percent temperature coefficient	1969
19720075651	Clutch, magnetic duplex	1969
19720075653	Capacitor, fixed, mica dielectric, dipped 47 PF and or - 2 per cent, 300 vdc., -20 to and 100 ppm	1969
19720075744	Saturn 5 AS-504 launch vehicle operational abort and alternate mission trajectories	1969
19720075745	Saturn 5 AS-508 H-2 mission launch vehicle operational flight trajectory: March launch month, volume 1	1969
19720075746	Apollo/Saturn 5 postflight trajectory AS-504	1969
19720075800	Analysis of load and capacity factors for helicopter external cargo slings	1969
19720075939	Qualification of miniature RF plug connectors	1969
19720076034	Integrated circuit monolithic	1969
19720076036	Transistor	1969
19720076039	Resistor, variable, part no. 361218-1	1969
19720076107	Testing of electrical connectors	1969
19720076139	Variable resistor	1969
19720076141	Motors, synchronous, ac, geared	1969
19720076153	Supply manual. Volume 1: KSC supply system	1969
19720076154	Supply manual. Volume 2: KSC spares provisioning	1969
19720076202	Saturn 5 derivative (S-IC/S-4B/I.U.) launch vehicle system study	1969
19720076204	Software documentation for the research tool digital computer system. Volume 2: Program report	1969
19720076384	Orbital aerodynamic data for the LM/ATM, the LM/ATM docked to the CSM, and the CSM	1969
19720076472	HF interferometer and SSL system	1969
19720076473	HF interferometer and SSL system	1969
19720076523	Improved cathode systems for high energy primary batteries	1969
19720076528	Titanium alloy scrap reclamation process, phase 1	1969
19720076534	Quarterly progress report no. 92	1969
19720076540	Arctic environmental isotope study	1969
19720076554	Ballistic missile reentry phenomenology study	1969
19720076588	Mass addition effects on vehicle forces and moments: Comparison between theory and experiments	1969
19720076629	Limited flying qualities and performance evaluation of the PS-1 seaplane	1969
19720076666	Independent research and independent exploratory development: Annual report for fiscal year 1969 (U)	1969
19720076689	Study of technology requirements for structures of large launch vehicles. Phase 1 report: Survey of advanced structures technologies	1969
19720076731	The 6th ICRPG Combustion Conference: Expanded abstracts and slides, volume 1	1969
19720076765	The Electronics Laboratory's computer graphics development facility	1969
19720076785	Aerodynamics of V/STOL configurations	1969
19720076791	Interagency Chemical Rocket Propulsion Group. Liquid Propulsion Subgroup. Liquid propulsion subgroup. FY 1969 report	1969
19720076805	Mission evaluation CSM 104 summary presentation	1969
19720076807	CSM ground system use site specification KSC industrial complex block 2	1969
19720076809	Space station program phase B definition study	1969
19720076810	Research study on low cost earth orbital transportation system synthesis by economic analysis	1969
19720076813	Large Telescope Experiment Program (LTEP)	1969
19720076815	CSM ground system use site specification, MSC Houston Complex, block 2	1969
19720076821	CSM ground system use site specification KSC launch complex 34, block 2	1969
19720076822	CSM ground system use site specification LSC launch complex 37B block 2	1969
19720076825	CSM ground system specification, block 2	1969
19720076829	North American Rockwell Corporation, Space Division, system safety plan, Apollo CSM	1969
19720077170	Induction system for V/STOL propulsion	1969
19720077176	Dynamic image correlation analysis	1969
19720077187	Blue streak technical data	1969
19720077444	JB-47E fly-by-wire flight test program (Phase 1)	1969
19720077461	A biomedical program for extended space missions	1969
19720077464	Apollo GSE baseline list	1969
19720077467	Apollo support equipment maintenance, propulsion system fluid checkout unit model C14-075-201 (part no. G17-854300-201)	1969
19720077468	Apollo ground support equipment maintenance, reaction control system oxidizer servicing unit model S14-057 (part no. G14-848380), service module reaction control system fuel servicing unit model S14-063 (part no. G17-848170) and command module reaction control system fuel servicing unit model S14-064 (part no. G16-848380)	1969
19720077475	Low cost earth orbital transportation system synthesis by economic analysis	1969
19720077478	Material presented to SNPO in shielding trade review. Volume 1: Aerojet-General Corporation presentation material	1969
19720077604	Viewing angles, slant ranges, and irradiances for selected trajectories and airborne platform locations (U)	1969
19720077620	Optimum structural design of a large all-flexible parawing	1969
19720077634	CSM ground system use site specification Downey Complex Block 2	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077642	Addendum to Gemini cargo and propulsion module for AAP	1969
19720077652	The determination of an initial state from two position measurements	1969
19720077662	Apollo support equipment maintenance handbook: LOZ transfer unit model S14-032	1969
19720077663	Apollo ground support equipment operation and service instructions ground cooling cart, model A14-011	1969
19720077664	Apollo support equipment maintenance handbook. Environmental control system water-glycol trim control set model S14-053	1969
19720077672	Baseline configuration definition AAP-1 through AAP-4	1969
19720077674	Radioisotope thermoelectric generator baseline description	1969
19720077693	CSM ground system use site specification KSC Launch Complex 39, block 2	1969
19720078069	Cohesion and binding energy studies relating to cold welding problems	1969
19720078072	Mapping instruments, retropropulsion system, power conditioning, and other equipment	1969
19720078079	Analysis of Apollo command and service module environmental control system primary loop radiation system and Program no. HX111A user's manual	1969
19720078081	Delta delta qualification test report for entry monitor subsystem test unit no. 2	1969
19720078082	Military and commerical aircraft bearing field experience	1969
19720078091	Minutes: NASA Committee on Extra-Vehicular Activities meeting 69-3	1969
19720078093	New MAC conic routines for Kepler's and Lambert's problem	1969
19720078094	Space shuttle program	1969
19720078098	Apollo support equipment maintenance handbook. Bench Maintenance Equipment (BME) SPS propellant gaging system model no. C14-163: Part nos. G16-855182 basic, G16-855182-201, G16-855182-301	1969
19720078101	Apollo support equipment maintenance handbook: Liquid hydrogen transfer unit, model S14-026	1969
19720078139	Interferometer direction finder system for 2 to 10 MHz	1969
19720078148	Lunagem feasibility program	1969
19720078214	Development of an acoustic emission monitoring system	1969
19720078281	Martin Marietta component evaluation test report no. SP-2	1969
19720078282	Martin Marietta component evaluation test report no. 461	1969
19720078283	Martin Marietta component evaluation test report no. 545	1969
19720078284	Martin Marietta component evaluation test report no. 462	1969
19720078389	Component test report no. 490	1969
19720078435	Qualification of Bourns resistor 7527446PL104	1969
19720078436	Qualification of Saratoga Industries transformers 7 531106 P1	1969
19720078443	FW-4S nozzle examination	1969
19720078453	Test on power reactor. Test no. 440	1969
19720078465	Engineering and service tests of searchlight, infrared, 28-volt, 50-ampere, AN/VSS-3 (U)	1969
19720078777	Calculation of bubble noise	1969
19720078778	Migration of vapour bubbles in fast reactor coolant	1969
19720078856	AS-504/D mission launch vehicle operational trajectory update	1969
19720078910	Component test report no. 491	1969
19720078987	Drift correcting servo	1969
19720079040	Acoustic field modeling with constant and continuous velocity gradients	1969
19720079377	On-board checkout and electronic equipment maintenance for manned spacecraft	1969
19720079441	Application of the Hermite polynomial in the estimation of the error in the central limit theorem for a finite number of independent random variables	1969
19720079442	Sampled data precorrection for zero-order hold distortion	1969
19720079443	The output power spectrum of an instantaneous (Memoryless) non-linear device	1969
19720079574	CONGRATS ray plot program	1969
19720079821	Transistor (junction field effect and insulated gate) screening, specification for	1969
19720079825	Component test for crystal can relay, test number 2829	1969
19720079834	Component test report no. 524	1969
19720079838	Study of optical energy transfer processes	1969
19720079856	Test and evaluation of capacitors, fixed, electrolytic, type, aluminum oxide, for MIL-C-39018	1969
19720079862	Hyperbolic fix measuring unit	1969
19720079863	Altimeter, barometric	1969
19720080041	Non-faired engine aero-dynamic loads: Analytic study and test requirements	1969
19720080059	A study of minimum cost thrust vector control systems	1969
19720080110	Test and evaluation of capacitors, fixed, metallized film and polycarbonate dielectric hermetically sealed in metallic cases for MIL-C-18312D. Addendum: Code identification sheets	1969
19720080237	GE4 turbine Stage 1 blade estimated life and cooling system comparisons, Supplement A (U)	1969
19720080243	Objective engine model specification E2117 CJ 100-1 (U)	1969
19720080283	GE4 turbine stage 1 blade estimated life and cooling system comparisons (U)	1969
19720080284	Proposal for advanced technology and revised GE4/J5P prototype development programs (U)	1969
19720080437	Attitude referenced radiometer study. Volume 3: Compilation of computer programs for an attitude-referenced radiometer study	1969
19720080438	Preliminary trials of the gq expendable/optionally re-usable supply parachute	1969
19720080442	Behaviour of invertors in hunting systems	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080443	Report on the conference Ultrasonics for Industry 1969	1969
19720080444	Static stability characteristics of the Manned Spacecraft Center straight-wing space shuttle orbiter: Preliminary tests at Mach no. 0.25 to 2.0	1969
19720080578	Thirty V maximum switching, 5mA maximum current. Commutator differential	1969
19720080579	Style SR05. Switch, rotary	1969
19720080612	Component evaluation test report no. 512	1969
19720080613	Component evaluation test report no. 517	1969
19720080639	Study of optical energy transfer processes	1969
19720080662	Test and evaluation of capacitors, fixed, metallized film and polycarbonate dielectric (hermetically sealed in metallic cases) for MIL-C-18312D	1969
19720080680	Computer-aided design interface for prototype circuit analysis	1969
19720080758	Large scale integration application study	1969
19720080805	AN/ASW-27 large scale integration program	1969
19720080915	Qualification testing of Bendix part 10-113239-12P (12S) with 12 and 14 AWG stranded wire	1969
19720081032	Natural environment and physical standards for the Apollo program and the Apollo applications program	1969
19720081056	Approximation of analogue signals by varying waveforms	1969
19720081057	Stability analysis of inverter-fed induction motors	1969
19720081154	Test and evaluation of capacitors, fixed, plastic dielectric, direct current, (in non-metallic cases) for proposed specification MIL-C-55514A	1969
19720081187	Test and evaluation of capacitors, fixed, polymeric film dielectric (hermetically sealed in metallic cases) and capacitors, fixed, poly-para-xylylene film dielectric (in non-metallic cases) for Mil-C-19978b	1969
19720081190	Engineering evaluation test report. Cartridge, gas generator, electronic battery	1969
19720081197	Test and evaluation of subminiature cooling devices for MIL-B-23071A	1969
19720081213	Test and evaluation of capacitors, miniature, variable, piston type tuning, for Mil-C-14409 (or equivalent)	1969
19720081222	Qualification status of IH missile capacitor from Aerovox	1969
19720081230	Qualification testing of Bendix contact 10-113239-12P (6917768) with 16 AWG wire	1969
19720081272	Measurement of a for Pu-239 on samples irradiated during run 60 of Pounrey fast reactor	1969
19720081273	Application of the generalized periodic boundary condition to the radial streaming problem	1969
19720081274	Simulation of sodium cooled fast reactor conditions in a fuel element heat transfer rig	1969
19720081294	Lunar vehicle Malfunction Analysis Simulation (LVMAS) program engineering report	1969
19720081415	Low-Cost, Reusable, Orbital Transport System	1969
19720081447	Thrust nozzle optimization for nonequilibrium, chemically reacting flows including boundary layer effects	1969
19720081450	Rotor bearing dynamics design technology. Part 8: Spiral grooved floating ring journal bearing	1969
19720081486	Test and evaluation of waveguide switches for Mil-S-55041A. Original test data	1969
19730060766	Qualification test of Apollo crew couch X-X axis foot cyclic impact strut assembly, V36-571711-121	1969
19730060768	S-2-8 static firing final test report, volume 2	1969
19730060769	Apollo support equipment maintenance handbook: Environmental control system water glycol service unit model S14-019	1969
19730060772	CSM/LM spacecraft operational data book. Volume 3: Mass properties	1969
19730060911	A formal framework and fundamental results for social analysis	1969
19730061027	Considerations in the application of human factors space technology to problems in aeronautics	1969
19730061037	Apollo support equipment maintenance handbook. Environmental control system water-glycol service set refrigeration unit model S14-121	1969
19730061043	Delta qualification test of Apollo crew couch X-X axis head cyclic impact struct assembly V36-571712-821	1969
19730061052	Apollo support equipment maintenance handbook: Mobile liquid oxygen storage unit model S14-065 and mobile liquid hydrogen storage unit model S14-066	1969
19730061053	CSM measurement requirements specification for block 2 spacecraft Apollo CSM system	1969
19730061059	Accretion of Murray carbonaceous chondrite and implications regarding chondrule and chondrite formation	1969
19730061090	Study of Dynamic and Static Seals for Liquid Rocket Engines	1969
19730061102	The investigation of fault detection and isolation techniques in linear systems	1969
19730061330	Mach's principle and general relativity	1969
19730061384	Study of NASA-oriented research capabilities of some developing institutions in Alabama and Tennessee	1969
19730061752	Computer program for the prediction of thermal transients in compact heat exchangers. Volume 2: Transient program KRONOS, part 1	1969
19730061793	Computer program for the prediction of thermal transients in compact heat exchangers. Volume 1: Development of theory and solution procedures	1969
19730061794	Computer program for the prediciton of thermal transients in compact heat exchangers. Volume 2: Transient program KRONOS, part 2	1969
19730062055	Optimal recursive estimation with uncertain observation	1969
19730062056	Residual deformation twin structure in planar shock-loaded Inconel 600	1969
19730062145	Space shuttle vehicle electronics	1969
19730062198	Nonlinear response of elastic shells	1969
19730062200	Polarization of reflected solar radiation over land, sea and cloud surfaces	1969
19730062452	Saturn 5 AS-507 launch vehicle operational abort and malfunctioned flight analysis	1969
19730062494	Epsilon entropy of Gaussian processes	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730062501	Mechanical transient measurement	1969
19730062599	Human factors in space age technology	1969
19730062666	Algorithm 363; complex error function	1969
19730062778	Recommendations concerning the study of vision in space operations	1969
19730062781	Boundary layer stability theory	1969
19730062829	The Nimbus 3 user's guide	1969
19730062830	The Nimbus 3 spacecraft system	1969
19730062831	The Image Dissector Camera System (IDCS) experiment	1969
19730062832	The High Resolution Infrared Radiometer (HRIR) experiment	1969
19730062833	The Medium Resolution Infrared Radiometer (MRIR) experiment	1969
19730062834	The Infrared Interferometer Spectrometer (IRIS) experiment	1969
19730062835	The Satellite Infrared Spectrometer (SIRS) experiment	1969
19730062836	The Monitor of Ultraviolet Solar Energy (MUSE) experiment	1969
19730062837	The Interrogation, Recording and Location System (IRLS) experiment	1969
19730062838	The real time transmission systems experiment	1969
19730062839	The Nimbus 3 catalog	1969
19730062840	The Nimbus 3 data catalog. Volume 1, part 1: Data orbits 109-639	1969
19730062841	The Nimbus 3 data catalog. Volume 1, part 2: Medium resolution infrared radiometer pictorial data; data orbits 112 to 639	1969
19730062842	The Nimbus 3 data catalog. Volume 2: Data orbits 640-1041	1969
19730062927	The Nimbus 3 data catalog. Volume 3: Data orbits 1042-1457	1969
19730062928	The Nimbus 3 data catalog. Volume 4: Data orbits 1458-1872	1969
19730062981	The effect of initial axisymmetric shape imperfections on the buckling behaviour of circular cylindrical shells under axial compression	1969
19730063013	Observations on the effect of surface conditions on Langmuir probes	1969
19730063019	Average-optimal output-feedback controllers for linear time-varying systems	1969
19730063025	Sweep frequency mutual admittance probe	1969
19730063026	Pulse receiver for an ionospheric propagation experiment	1969
19730063274	Continuation of a study of stability of structural materials for spacecraft applications for the orbiting astronomical observatory project	1969
19730063300	Longitudinal instability limits with a variable length hydrogen oxygen combustor	1969
19730063321	The density of polyethylene crystallized in the bulk and from dilute solution	1969
19730063332	Statement of work: Space station program definition (phase B)	1969
19730063532	The enthalpy of fusion of irradiated polyethylene crystals	1969
19730063582	Docking capture boundaries for Apollo mission D, F, and G	1969
19730063669	Augmentor optimization tests leading to Ames phase 4 configuration	1969
19730063672	Surveyor Thermal Control: A Detailed Case History of the Design, Development, Test and Flight Operations	1969
19730063717	Optimized cost/performance design methodology	1969
19730063788	Measured vibration ride environments of a stol aircraft and a high speed train	1969
19730063830	Elicitation of stimulus-bound behavior in guinea pigs	1969
19730063832	Simplified mounting of frozen sections of brain; drying and CHCl ₃ extraction prior to Nissl staining	1969
19730063838	Circadian rhythms in primates as influenced by latitude, longitude, photoperiod and stress	1969
19730064027	Low-frequency portable vibration measuring and recording system	1969
19730064039	A stress intensity factor approach to the analysis of interfacial cracks in fiber reinforced composite materials	1969
19730064100	Distribution of hypothalamic sites yielding stimulus-bound behavior	1969
19730064101	Behavior elicited by hypothalamic stimulation: A Prepotency hypothesis	1969
19730064103	Sex differences in hyperphagia and body weight following hypothalamic damage	1969
19730064164	Apollo 10 mission report. Supplement 7: Descent propulsion system	1969
19730064165	Apollo 10 mission report. Supplement 10: Entry postflight analysis	1969
19730064166	Apollo 10 mission report. Supplement 11: Communication system performance	1969
19730064169	Mission planning at the NASA Manned Spacecraft Center	1969
19730064190	Reactor-thermoelectric system for NASA space station	1969
19730064211	Terminal control of linear distributed parameter system by linear programming	1969
19730064216	E. I. du Pont de Nemours and Company, Incorporated 238-46-2 Viton (REDAR-FL-308-01), phase	1969
19730064248	Glucose and Saccharin Preference in Alloxan Diabetic Rats	1969
19730064257	Neutron die-away experiment for lunar and planetary surface analysis, phase 2	1969
19730064309	Computer program documentation model compiler. A symbolic input processor interfaced with the propulsion analysis program, volume 2	1969
19730064312	Apollo 10 mission report. Supplement 2: Guidance, navigation, and control systems performance analysis	1969
19730064420	The effect of semicircular canal stimulation during tilting on the subsequent perception of the visual vertical	1969
19730064472	Response of the chicken pineal gland, blood and reproductive organs to darkness	1969
19730064671	Flavor preferences for formula diets	1969
19730064693	Creep behavior of T-111 alloy under the influence of continuously varying stresses	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730064851	Development of high strength tantalum base alloys	1969
19730064857	Corrosion control and treatment manual: Design engineering	1969
19730064858	Development of digital computer program for thermal network correction. Phase 1: Investigation/feasibility study	1969
19730065163	Influence of metabolic accumulation of products of Hydrogenomonas cells on their continued growth	1969
19730065172	Sputtering of solid lubricants	1969
19730065173	The rotating heat pipe: A wickless, hollow shaft for transferring high heat fluxes	1969
19730065184	Oceans from space	1969
19730065511	A variable order interpolation scheme for integrating second order differential equations	1969
19730065512	A study of the sensitivity of pyrotechnic materials to laser energy	1969
19730065786	An FM click model for the unmodulated carrier in additive normal noise and some statistical properties of the click event	1969
19730066467	Lunar Shelter: Systems Technology Application	1969
19730066489	Apollo delta qualification test of the Boostered linear-shaped charge for end-items 104, 106, and subsequent (P/N V17-590099-41)	1969
19730066491	Mission evaluation presimulation report, CSM 106 (mission F). Part 1: Operations plan	1969
19730066498	Delta qualification test of manually operable lock assembly shear pins for Apollo crew couch X-X axis cyclic impact struts	1969
19730066506	Apollo CSM 104 Delta qualification test, exterior (docking) light power converter, P/N ME476-0049-0003, S/N 102820016202	1969
19730066507	Apollo certification test of the Apollo unified crew hatch auxiliary closing jackscrew	1969
19730066508	Apollo development test boosted linear shaped charge (P/N ME453-0028-5901)	1969
19730066509	Mission evaluation presimulation report, CSM 106, mission F. Part 2: Simulation description	1969
19730066510	CSM 106 (mission F) final mission evaluation test report	1969
19730066511	Delta qualification test of Apollo crew couch X-X foot cyclic impact strut assembly P/N V36-571711-722	1969
19730066516	Space station experiment program for advanced technology	1969
19730066524	CSM/LM spacecraft operational data book. Volume 4: EMU data book	1969
19730066535	CSM 106 (mission F) mission evaluation	1969
19730066542	Verification test report. Launch vehicle malfunction analysis simulation program	1969
19730066543	S-IC-9 stage weighing report, volume 1	1969
19730066550	Intermediate-20 launch vehicle S-IC/S-4B	1969
19730066554	Automation and air traffic control	1969
19730066580	Space Shuttle Program Executive Summary	1969
19730066618	Face seal static leakage investigation	1969
19730066620	Face seal static leakage investigation	1969
19730066735	Lunar Escape System Study (LESS)	1969
19730066743	Saturn V AS-506 G mission launch vehicle operational flight trajectory, July launch month	1969
19730066750	Apollo block 2 SC 2TV-1 correlated SPS engine thermal model	1969
19730066751	Apollo CSM 106 design evaluation test, ac power control box assembly, P/N EOM672838-3 (ref. V36-454000), S/N 06362AAH0884	1969
19730066785	S-1C-14 actual propellant tank volumetric calibration, volume 1	1969
19730066786	Saturn 5 AS-505 operational abort and malfunctioned flight analysis	1969
19730066790	Fatigue crack propagation and strains within plastic zone	1969
19730066792	Nuclear flight systems definition study: First interim briefing	1969
19730066870	Test and evaluation of capacitors, fixed, plastic dielectric, direct current, (in non-metallic cases) for proposed specification Mil-C-55514A. Original test data	1969
19730067046	CSM/LM spacecraft operational data book. Volume 2: LM data book, part 1, section 2	1969
19730067051	Data for adapting the AAP cryogenic gas storage system to the dry workshop	1969
19730067083	Dual-mode lunar roving vehicle	1969
19730067241	Analytical and experimental investigation of aircraft arresting-gear purchase cable and an investigation of single wires to determine aircraft arresting-gear cable performance	1969
19730067260	Finite element method of structural analysis	1969
19730067312	Electrical umbilical connector assembly	1969
19730067313	Air connector unit	1969
19730067318	Description of the SRI hardsite defense model	1969
19730067518	Orbital aerodynamic data for the OWS-LM/ATM	1969
19730067520	Final documentation of the Seventeenth Flight Limits Sub-Panel (FLSP)	1969
19730067613	Cost analysis of current launch systems. Volume 1: Summary	1969
19730067614	Cost analysis of current launch systems. Volume 2: Saturn cost analysis	1969
19730067615	National space booster study. Cost analysis of current launch systems. Volume 3: Saturn cost reduction analysis	1969
19730067616	Cost analysis of current launch systems. Volume 4: Cost data bank and cost model	1969
19730067617	National space booster study: Working papers describing the capabilities of current Saturn facilities	1969
19730067752	Initial production test of launcher, rocket, aircraft 2.75-inch, M158 (quality assurance)	1969
19730067774	Polaris filmless automatic bond inspection system	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067932	Apollo Applications Program (AAP) payload integration. Cluster systems contamination analysis report. Volume 3: Experiment susceptibility report	1969
19730067961	Space station logistics technical review	1969
19730067972	Nuclear flight system definition, potential flight test, and early operational payloads: Phase 1 review (tasks 1-10)	1969
19730068140	Evaluation of fixed film resistors to compare special moisture resistance test procedures	1969
19730068486	Coherent light recorder development	1969
19730068488	Special study of prototype laser microflash photographic system procedure and instrumentation study	1969
19730068589	Report of test on capacitors, fixed, metallized (plastic film dielectric), direct current, (hermetically sealed in metal cases), Mil-C-18312D. Original test data	1969
19730068687	Dual mode (manned/automated) lunar roving vehicle-design definition study	1969
19730068690	Recommended DLRV configuration and basis for selection	1969
19730068694	Final documentation of the Thirth-Eighth Guidance and Performance Subpanel meeting	1969
19730068697	Development of air-to-air combat tactics	1969
19730068797	Theoretical cable system study	1969
19730069136	Final documentation of the Thirty-Ninth Guidance and Performance Sub-Panel meeting	1969
19730069230	S-2 terminal stage analysis dry workshop launch vehicle	1969
19730069279	Solid lubrication: The effect of film thickness on the coefficient of friction for graphite, MoS2 and CaF2	1969
19730069549	Evaluation of resistor, variable, triple-section composition to determine compliance to RCA drawing 745473, rev 6	1969
19730069550	Evaluation of fixed mica dielectric capacitors to determine current ratings	1969
19730069554	A study of S-1C pulse amplitude modulation, frequency, frequency modulation pre-emphasis	1969
19730069555	Plume-induced flow separation and related phenomena: A review of the state of the art	1969
19730069598	Spaced reflective photocathodes (U)	1969
19730069616	Semiconductor and nonsemiconductor damage study. Volume 2: Sandia, Picatinny Arsenal, and test assembly devices (U)	1969
19730069718	Activated diffusion bonding of GE-4 advanced turbine blade designs (U)	1969
19730069919	Orbiting experiment for study of extended weightlessness	1969
19730069935	Pentose and pentitol metabolism in Hydrogenomonas species	1969
19730070114	Acquisition of laser-designated targets	1969
19730070194	Evaluation of fixed film resistors to compare special moisture resistance test procedures	1969
19730070196	Test, evaluation and comparison of mechanical speed increaser blowers	1969
19730070363	Qualification of Deutsch 800-20/32-3 contact with 30 AWG wire	1969
19730070461	Capacitor, aluminum, electrolytic	1969
19730070916	Emergency Detection System (EDS) and flight dynamics limits	1969
19730070923	Development of air to air combat tactics	1969
19730070961	Determination of elevated-temperature fatigue data on refractory alloys in ultrahigh vacuum	1969
19730070963	Research program for the development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1969
19730071004	Generation of long-time creep data on refractory alloys at elevated temperatures	1969
19730071039	General Electric work plan for Apollo applications program office	1969
19730071056	Determination of elevated temperature fatigue data on refractory alloys in ultra high vacuum	1969
19730071058	Determination of elevated temperature fatigue data on refractory alloys in ultra-high vacuum	1969
19730071251	Steerable parachutes	1969
19730071379	Study to develop an improved universal position switch for Launch Complex 39 service arm application	1969
19730071407	LM landing radar solder joint research program improving the reliability of stud type solder joints	1969
19730071499	Saturn 5 derivatives for intermediate payloads	1969
19730071502	Saturn 5 AS-505/F mission launch vehicle operational flight trajectory	1969
19730071650	Report CADOCs implementation and planning schedule (U)	1969
19730071870	Dual mode (manned/automated) lunar roving vehicle - design definition study	1969
19730071874	Navigation/traffic control satellite mission study	1969
19730071876	LM-3 environmental control system thermal analysis for the Apollo 9 mission	1969
19730071891	Research program for the development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces	1969
19730072012	Air Force forward air control and visual reconnaissance	1969
19730072026	Design consideration of the supersonic wind tunnels at NLR with special reference to the flexible nozzle design	1969
19730072184	Acoustic lens bibliography	1969
19730072314	The Ballistic Missile Radiation Analysis Center (U)	1969
19730072347	Phoenix missile system. Stability and control report (revision 11) (U)	1969
19730072353	Trailing electrode antenna tests and platform electromagnetic noise experiments made in November 1968 (U)	1969
19730072357	Trailing electrode antenna tests conducted in November 1968 (U)	1969
19730072485	Study and exploratory development of a compact multichannel ASW signal processor, phase 1. Component study and evaluation (U)	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072544	Saturn 5 derivative (S-1C, S-4B, IU) launch vehicle system study	1969
19730072545	Dual mode (manned/automated) lunar roving vehicle - design definition	1969
19730072556	Nucleate and film boiling of liquid helium in narrow vertical channels	1969
19730072617	Engineering evaluation test report cable assembly 45-deg umbilical (C3P)	1969
19730072749	Evaluation of relay, DPDT, TO-5 can	1969
19730072943	Results of advanced lunar mission targeting to the crater Aristarchus in 1971	1969
19730072948	Study of improved parts control technology for advanced planetary missions, volumes 1 thru 4	1969
19730073068	Development of transparent cesium-lamp envelope	1969
19730073090	Qualification program history of the IDCSP/A hydrazine rocket engine assembly	1969
19730073127	Development of an airborne infrared cloud background measurement system	1969
19730073339	Thermal gradient experiments on stress failure of tubes of gilsocarbon graphite	1969
19730073346	CSM master end item specification, block 2	1969
19730073517	Antenna grounds: Resistivity measurements and ground system design, Bravo Test Facility, phase 1	1969
19730073537	Prediction of wheel performance on soft and rigid ground	1969
19730073814	Results of advanced lunar mission targeting	1969
19730073815	Application of the V infinity DPS abort module to advanced mission design	1969
19730073852	Apollo lunar landing mission. Emergency Detection System (EDS) and flight dynamics limits	1969
19730073997	Linear actuator	1969
19730074109	Cost estimating methods for electronically scanned weapon locator radars (U)	1969
19730074387	Aircraft parachute flare target illumination effects comparison	1969
19730074405	Navy evaluation of the helicopter hauldown system	1969
19730074545	CSM master end item specification. Part 2: Product configuration and acceptance requirements, V34-3F csm 111 and subsequent	1969
19730074594	Major test accomplishments of the engineering and development directorate	1969
19730074609	An evaluation of various polymeric materials for use in underwater stern tube bearings	1969
19730074680	Installation criteria for shipboard Pilot LSO Landing Aid Television PLAT system applicable to the CVA(N)-68 and CVA(N)-69	1969
19730074776	Homogenization evaluation of a cast uranium-molybdenum alloy	1969
19730074777	Development of nondestructive tests for intermediate fabrication of sintered aluminum products	1969
19730074779	Reliability determination of the mark 7 arresting gear	1969
19730075119	Phased array antenna comparison studies. Volume 1: Technical report	1969
19730075299	Description and major results of an air to ground visual recognition model and field trials	1969
19730075448	Electrical measurements console reference notes	1969
19730075901	Jupiter orbiter propulsion study, volume 1	1969
19730075931	Solar-electric multi-mission spacecraft study	1969
19730076041	Computer study of an M-21 shipboard barricade system with purchase cable and sheave dampers	1969
19730076173	An analytical technique for calculation of radiation from jet engine exhausts (RIP)	1969
19730076229	Microelectronic intergrated circuit storage plan, review and evaluation report	1969
19730076245	An instrument that provides linear temperature ramps for use with TSEE experiments	1969
19730076495	Apollo mission G/LM-5/APS preflight performance report	1969
19730076557	IRAD report: The strength of adhesive bonded double-lap joints	1969
19730076600	Measurements of the spectrum of sea surface reverberation of 10 kilohertz	1969
19730076644	Packaging high density flight equipment without printed circuits, part 2	1969
19730076677	Filter, radio interference, 115 Vac, L type	1969
19730076687	An evaluation of the effectiveness of a psychologically derived decision process for evaluating oscillograph traces	1969
19730076860	Concept feasibility test of helicopter multifunction system (HELMS)	1969
19730076918	Depot repair reliability of the LN-12 inertial platform	1969
19730076925	A conceptual analysis of the effect of bomb rack flexibility on the ejection velocity of external stores	1969
19730077241	Statistical and cost/effectiveness analysis of acceptance specifigations and initial tests for gyroscope float assemblies	1969
19730077242	Gyroscope measurement and classification: A purely empirical approach for application to the use/repair cycle	1969
19730077266	Switch, push, illuminated, SPDT, incandescent, SNAP action, momentary	1969
19730077281	Switch, push, illuminated, incandescent 1 3/4 midget flange	1969
19730077429	Electrical orthogonality test development and application	1969
19730077445	Inspection comparison test of generator set, 3 KW, AC, 60 HZ air-cooled, portable	1969
19730077447	Conference Proceedings of the first Data Exchange for Inertial Systems	1969
19730077449	The acoustic environment of the P-1127 deflected jet VTOL aircraft	1969
19730077455	Weight synthesis computer program	1969
19730077456	Weight synthesis computer program, addendum	1969
19730077515	Synthesis of structural elements, subcomponents, and components	1969
19730077749	Computer program manual. Study of hydrazine reactor vacuum start characteristics: Liquid penetration analysis	1969
19730077766	Adiabatic transverse waves in a rotating fluid	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077805	Thermal fatigue of rocket nozzle cooling tubes	1969
19730077829	Oscillator, quartz, 10.608 MHz, crystal, 1.5 plus 0.5 VRMS output, temperature controlled	1969
19730077832	Aircraft vulnerability model	1969
19730077834	A finite-difference method for calculating compressible laminar and turbulent boundary layers. Part 2: User's manual	1969
19730078124	An introduction to repair engineering and its application at special repair facilities	1969
19730078183	Effects of forging temperature upon the mechanical properties of titanium alloys forged by Dynapak process	1969
19730078201	Light, indicator, miniature, 28 volt, incandescent, T-1 midget base	1969
19730078202	Light, indicator-modular assembly, 5 volt, push botton, panel mount	1969
19730078203	Indicator, symbol indicating, magnetic latch, white and phosphorescent red, 12 VDC, manual or electrical reset	1969
19730078214	Switch, rotary--4 deck, 3 position	1969
19730078223	Relay armature-hermetically sealed DPDT, crystal can	1969
19730078241	A case study of human decisions based on oscillograph tracings	1969
19740005696	The dynamic behavior of the ear in separating the sound spectrum into frequency groups	1969
19740072073	Proceedings of the Symposium on Long Life Hardware for Space, volume 1	1969
19740072090	Proceedings of the Symposium on Long Life Hardware for Space, Volume 2	1969
19740072550	An analytical method for computing the state transition matrix which incorporates the secular and periodic perturbations of the second harmonic (J20) of planet oblateness	1969
19740072556	RTACF work schedule for Apollo 10	1969
19740072557	Hybrid mission effects on the LOI phase of the Apollo 11 (mission G) abort plan	1969
19740072567	Apollo 9 postjettison separation maneuver for the APS burn to depletion	1969
19740072569	Helio-centric abort delta 5 requirements for 1977 - 1986 Mars conjunction-class missions	1969
19740072570	RTCC requirements for Apollo 11 (mission G) preflight information	1969
19740072571	Autonomous navigation in long-duration highly eccentric orbits about Mars	1969
19740072573	Operational LM abort and rescue plan for Apollo 10 (mission F). Supplement to volume 1 - non-time-critical procedures, specific case data	1969
19740072576	Apollo 9 RTACF postmission report	1969
19740072577	Operational spacecraft attitude sequence for Apollo 11	1969
19740072578	Apollo 9: Low regulation pressure in ascent propulsion system	1969
19740072579	Apollo 9 mission: Landing radar interference	1969
19740072584	Apollo applications program two and one-half stages to orbit tracking analysis	1969
19740072585	CSM battery charger model	1969
19740072591	Preliminary lunar orbit altitude sequence for mission G	1969
19740072592	Apollo 11 (mission G) alternate mission plan	1969
19740072593	Apollo 9 SLA panel jettison separation and recontact analysis	1969
19740072594	Guidance analysis of aerodynamic phase of descent to the surface of Mars	1969
19740072600	Report on Apollo Manned Space Flights	1969
19740072618	Rotation axes for clinostat studies in light	1969
19740072624	Circadian leaf movements in biloxi soybeans	1969
19740072672	Magnetospheric convection	1969
19740072682	Project Apollo: Apollo 10 spacecraft dispersion analysis. Volume 4: Rendezvous dispersion analysis	1969
19740072683	Apollo 10 (mission F) (As-505/CSM-106/LM-4) spacecraft dispersion analysis. Addendum to volume 1: Navigation error analysis	1969
19740072688	An evaluation of the LOI attitude monitoring procedure technique for dispersed translunar approach hyperbolas	1969
19740072689	Apollo 7 entry postflight analysis	1969
19740072699	Launch window effects on the Apollo 10 (mission F) operational abort plans	1969
19740072700	Operational support plan for the real-time auxiliary computing facility Apollo 9 flight annex	1969
19740072701	Verification of the RTCC powered flight simulation Apollo 10 (mission F) for	1969
19740072702	Apollo 10 (mission F) vehicle and trajectory response to the CSM powered flight maneuvers	1969
19740072703	Briefing charts for lunar orbit navigation problem, for LM descent, and for hybrid mission	1969
19740072704	Evaluation of steep final approach phase lunar descent trajectories	1969
19740072705	Apollo 10 transearth communication loss procedures	1969
19740072706	Prelaunch go/no-go computations for the Apollo 11 mission	1969
19740072707	Apollo 11 (mission G) crew charts and console charts	1969
19740072715	Views from the spacecraft during Apollo 10 (mission F) May 18, 1969 launch date	1969
19740072720	A solution to the constrained altitude planetary flyby problem using the weighted least squares iteration technique	1969
19740072721	Cislunar navigation sighting data for Apollo 11 (mission G): 18 July 1969 launch	1969
19740072722	Switching logic and steering equations for multiburn earth escape maneuvers	1969
19740072723	Logic and equations for the real-time calculations of the powered descent abort constants	1969
19740072724	Changes to the DKI logic for Apollo mission G and subsequent missions	1969
19740072725	SPS Delta 5 requirements for the Apollo 10 (mission F) May and June launch windows	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740072726	Apollo 10 (mission F) crew charts	1969
19740072727	Consumables analysis for the Apollo 11 (mission G) spacecraft operational trajectory	1969
19740072739	Apollo 10 (mission F) spacecraft operational alternate mission plans. Volume 3: Lunar alternate rendezvous	1969
19740072740	Apollo 10 (mission F) spacecraft operational alternate mission plans. Volume 2: Alternate lunar missions	1969
19740072745	Real-time auxiliary computing facility Apollo 9 operational support team handbook	1969
19740072748	Apollo 10 (mission F) spacecraft dispersion analysis. Volume 5: G and N landing error dispersions	1969
19740072751	Apollo 10 (mission F) mission planning briefings	1969
19740072754	Revision 1 to the consumables analysis for the Apollo 11 (mission G) spacecraft operational trajectory	1969
19740072755	Apollo 8 RTACF postmission report	1969
19740072756	Rationale for using the Saturn monitor and abort crew charts for Apollo 10 (mission F)	1969
19740072757	Apollo 10 (mission F) Operations Review	1969
19740072758	Apollo 9 separation and recontact analysis	1969
19740072760	Spacecraft operational trajectory for Mission G. Volume 3: Mission summaries, July 1969 launch window	1969
19740072770	Operational LM abort and rescue plan for Apollo 10 (mission F). Volume 1: Nontime-critical procedures	1969
19740072773	Apollo 10 (Mission F) (AS-505/CSM-106/LM-4) spacecraft dispersion analysis. Volume 1: Navigation error analysis	1969
19740072777	TLI ship positioning and coverage data for Mission G (Apollo 11) lunar launch opportunities for July, August, and September 1969	1969
19740072780	Revision 1 to the Apollo 9 spacecraft operational trajectory. Volume 1: Mission profile	1969
19740072782	Parametric analysis of MSFN station coverage for various orbital inclinations	1969
19740072783	RTCC requirements for mission H program for computation of LM IMU torquing angles with the LM and CSM in the docked configuration	1969
19740072784	Apollo 9 spacecraft operational dispersion analysis. Volume 1: Dispersion analysis summary	1969
19740072785	Preliminary LM abort and CSM rescue plan for Apollo mission G. Volume 2: Rendezvous following anytime LM lift-off	1969
19740072786	Spacecraft operational trajectory for Apollo mission F. Volume 1: Operational mission profile launched 17 May 1969	1969
19740072788	Final operational spacecraft attitude sequence for Apollo 12 (Mission H-1)	1969
19740072792	RTCC requirements for Apollo 10 (mission F) preflight information	1969
19740072793	Operational support plan for the real-time auxiliary computing facility Apollo 10 flight index	1969
19740072794	Revision 1 to the consumables analysis for the Apollo 10 (mission F) spacecraft operational trajectory	1969
19740072795	Operational spacecraft attitude sequence for mission F	1969
19740072796	Consumables analysis for the Apollo 10 (mission F) spacecraft operational trajectory	1969
19740072819	Headquarters flight readiness review. Apollo 11 back contamination	1969
19740072833	Computer analysis of the lead movements of pinto beams	1969
19740072834	Interactions between light and circadian rhythms in plant photoperiodism	1969
19740072902	Apollo 8 mission report. Supplement 1: Trajectory reconstruction and postflight analysis	1969
19740072905	Entry mission plan: Apollo 8 summary	1969
19740072906	RTCC requirements for mission H and subsequent missions: Reentry phase	1969
19740072910	Users' manual for the Apollo guidance analysis statistical trials program, revision 1	1969
19740072914	Planned rendezvous technique following LM abort from powered descent	1969
19740072915	Linearized impulsive earth approach guidance analysis	1969
19740072916	Rationale for using the Saturn monitor and abort crew charts for Apollo 11 (mission G)	1969
19740072917	Description of Apollo guidance analysis statistical trails program	1969
19740072918	Lunar landmark tracking attitude studies	1969
19740072925	Velocity requirements for Mars stopover/Venus swingby missions in 1981	1969
19740072928	Separation procedures for Apollo 10 nominal, alternate, and abort missions	1969
19740072929	Prelaunch go/no-go computations for the Apollo 9 mission	1969
19740072930	A survey of 30-day staytime orbital missions to Venus (1972 - 2000)	1969
19740072931	Apollo 10 separation and recontact analysis summary document	1969
19740072932	Apollo mission F (AS-505/CSM-106/LM-4) spacecraft operational trajectory, revision 1. Volume 2: Trajectory data. Part 3: Flight crew simulator data	1969
19740072933	Revision 1 to the consumables analysis for the Apollo 9 spacecraft operational trajectory	1969
19740072934	Deorbit and entry crew training simulations for near-earth orbital missions	1969
19740072935	Apollo 8 mission report. Supplement 2: Guidance, navigation, and control	1969
19740072936	Apollo 14 (mission H-3) baseline mission profile	1969
19740072940	Earth launch window analysis of the 1986	1969
19740072941	Apollo 9 mission report. Supplement 11: Communications system performance	1969
19740072944	Guidance analysis of entry corridors for aerodynamic braking into orbit around Mars or Venus	1969
19740072945	AAP inverter model	1969
19740072948	Operational Abort Plan for the Apollo 9 Mission. Volume 2: Contingency Deorbit	1969
19740072965	Apollo 10 (Mission F) spacecraft operational alternate mission plans. Volume 1: Earth orbital alternates	1969
19740072968	Preliminary abort and rescue procedures for Apollo mission F. Volume 3: Time-critical procedure	1969
19740072969	Apollo 10 spacecraft dispersion analysis. Volume 3: LOI, TEI, and APS burn-to-depletion maneuvers	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740073098	The multispectral point scanner study	1969
19740073169	Design and analysis of a highly efficient power system for the small scientific satellite (S3)	1969
19740073250	Views from the CM and LM during the flight of Apollo 11 (mission G)	1969
19740073251	RTCC requirements for Apollo 11 (mission G): Lunar flyby modes of the translunar midcourse correction processor	1969
19740073252	Prelaunch go/no-go computations for the Apollo 10 mission	1969
19740073253	Views from the CM and LM during the flight of Apollo 11 (mission G)	1969
19740073254	Cislunar navigation sighting data for Apollo 11 (mission G): July 16, 1969 launch	1969
19740073261	Operational support plan for the real-time auxiliary computing facility Apollo 10 trajectory support chiefs procedures handbook	1969
19740073262	Views from the spacecraft during Apollo 10 (mission F)	1969
19740073277	Programmed guidance equations for luminary IC manned LM earth orbital and lunar program	1969
19740073280	Operational abort plan for Apollo 10 (mission F)	1969
19740073281	Revision 1 to separation procedures for Apollo 12 (mission H-1) nominal, alternate, and abort missions	1969
19740073282	Basic characteristics of parking orbits about Mars for use in preliminary mission planning	1969
19740073481	Transition from film to nucleate boiling in vertical forced flow	1969
19740073630	STADAN-spacecraft compatibility test procedures and data sheets	1969
19740073674	Concepts for a theoretical and experimental study of lifting rotor random loads and vibrations (high rotor advance ratios)	1969
19740073727	Performance of ultraviolet gratings as affected by simulated space environment	1969
19740073728	Damage to gratings by electron bombardment	1969
19740073758	Performance of ultraviolet gratings as affected by simulated space environment	1969
19740073760	On the Inverse of an Integral Operator	1969
19740073816	Periodically switched lossless networks	1969
19740074022	Lunar receiving laboratory, biological laboratory, operations procedure for Apollo 11 volume 1	1969
19740074026	Apollo lunar tracking coverage for 1970	1969
19740074027	Comparison of parallel and tandem staging of nuclear orbital launch stages for interplanetary departure	1969
19740074028	RTCC requirements for the LOI burn go/no-go procedure	1969
19740074030	The consumables analysis for the Apollo 9 spacecraft operational trajectory	1969
19740074031	Apollo 10 (mission F) RTACF data bank format	1969
19740074033	RTCC requirements for missions F and G: Earth orbit insertion processor, revision 2	1969
19740074305	Irradiation of uranium-carbide fuel forms	1969
19740074529	Apollo 9 mission: 5 day report	1969
19740074530	Apollo 9: 30 day failure and anomaly listing report	1969
19740074532	Minimum flight time and feasibility of multiple orbit transfers between Earth and Mars and between Earth and Venus	1969
19740074534	Out-of-phase indication from descent engine propellant shut off valves	1969
19740074537	Apollo 9 operational LM abort and rescue plan	1969
19740074538	Report on the status of the Apollo back contamination program	1969
19740074539	Preliminary consumables analysis for the Apollo J-type missions	1969
19740074540	The consumables analysis for the Apollo 12 (mission H1) spacecraft operational trajectory	1969
19740074547	RTCC requirements for missions F and G: Reentry phase	1969
19740074553	Apollo 5 mission report. Supplement 3: Communications system performance	1969
19740074555	Predicted horizontal velocity for spacecraft land landings calculated during the Apollo 8 countdown demonstration test	1969
19740074556	Operational abort plan for the Apollo 9 mission. Volume 1: Launch phase	1969
19740074557	Predicted horizontal velocity for spacecraft land landings calculated during the Apollo 8 mission	1969
19740074832	On the design of suboptimal linear time-varying systems	1969
19740074833	Variable step fourth order Runge-Kutta integration	1969
19740075024	Apollo 7 mission report. Supplement 6: Entry postflight analysis	1969
19740075032	A parametric translational study for the Apollo CSM spacecraft	1969
19740075159	A technique of spatial coding to program rapid temporal sequences	1969
19740075320	Reliability handbook for silicon monolithic microcircuits. Volume 4: Reliability assessment of monolithic microcircuits	1969
19740075415	Population estimation with plot removal sampling	1969
19740075418	Contingency table analysis by means of a linearizing transformation of Poisson variates	1969
19740075425	The 710 high-temperature gas reactor. Volume 4: Critical experiment and reactor physics development	1969
19740075427	The 710 high-temperature gas reactor. Volume 3: Fuel element development	1969
19740075875	Preliminary lunar descent dispersion analysis	1969
19740076130	Liquid Carbonic Corporation, part no. APW-3 automatic pipe welding system	1969
19740076138	Circadian variations in anesthetic requirement and toxicity in rats	1969
19740076140	Workshop on Circadian Rhythms and Mamalian Systems	1969
19740076692	Instrumentation for radio astronomy measurements aboard the OGO-1 and OGO-3 spacecraft. Part 2: Technical	1969
19740076694	OGO-5 orbital plots generated by the UCLA fluxgate magnetometer group	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740076700	Electron spectrometer and integrating ion chamber for the OGO-1 and OGO-3 missions	1969
19740077164	Useful applications of earth-oriented satellites	1969
19740077274	Stress corrosion cracking of titanium alloys: SCC of aluminum alloys, polarization of titanium alloys in HC1 and correlation of titanium and aluminum SCC behavior	1969
19740077522	Computer-aided semiconductor device analyses	1969
19740077561	Program and mission definition Apollo lunar exploration	1969
19740077600	Fundamental Interactions at High Energy	1969
19740077736	TRIAD: Preliminary design of an operational earth resources survey system	1969
19740077779	Calculation of multiple rocket engine exhaust plumes by the method of characteristics. Volume 1: Discussion of methods and results	1969
19740077780	Calculation of multiple rocket engine exhaust plumes by the method of characteristics. Volume 2: Manual for computer program	1969
19740077796	Human information processing: A pattern recognition model for stuttering	1969
19740077872	Infrasonic waves from Alaskan volcanic eruptions	1969
19740077882	Integral Launch and Reentry Vehicle Systems	1969
19740077919	Altitude developmental testing of the J-2S rocket engine in propulsion engine test cell (J-4) (tests J4-1902-09 and J4-190210)	1969
19740077922	Altitude developmental testing of the J-2S rocket engine in propulsion engine test cell (J-4) (tests J4-1902-01 through J4-1902-04)	1969
19740077923	Statistical analysis of the parameter targeting precision for the J-2 rocket engine test program	1969
19740077934	Altitude developmental testing of the J-2S rocket engine in propulsion engine test cell (J-4) (tests J4-1902-05 through J4-1902-07)	1969
19740077939	Altitude developmental testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1801-39 through J4-1801-41)	1969
19740077940	Flight support testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1901-07 and J4-1901-08)	1969
19740077941	Altitude development and flight support testing of the J-2 rocket engine in propulsion engine test cell (J-4) (test J4-1901-12)	1969
19740077943	Flight support testing of the J-2 rocket engine in propulsion engine test cell (J-4) (tests J4-1901-09 through J4-1901-11)	1969
19740077957	Apollo reference mission program: Version 07: Lunar descent/ascent supplement, user's manual	1969
19740078264	Cold cathode gauge calibration test for cold cathode gauge experiment (ALSEP)	1969
19740078522	Real-time high-resolution mass spectrometry, 3	1969
19740078534	Spectroscopic and photochemical study of photochromic compounds	1969
19740078596	Bio-science part of NGR-14-001-010	1969
19740078892	RTCC requirements for Apollo 13 (mission H-2): Earth orbit insertion processor	1969
19740078899	Preliminary alternate mission plan for Apollo mission F. Volume 3: Lunar alternate rendezvous	1969
19740078902	RTCC requirements for mission G: Nonfree-return modes of the translunar midcourse correction processor	1969
19740078903	Apollo lunar tracking coverage for 1971	1969
19740078905	Apollo mission techniques mission D maneuver monitoring. Volume 1: Techniques description	1969
19740078908	Apollo 6: Abnormal structural performance during launch phase	1969
19740078914	Mars Surface Sample Return (MSSR) system	1969
19740078968	Data user's notes: OGO-3 experiment no. 18 low frequency radio astronomy, appendices A and B	1969
19740078984	Reduction and analysis of data from OGO-C,D ion chamber experiment	1969
19740078993	Orbiting geophysical observatories	1969
19740079030	Cytochemical studies of planetary microorganisms explorations in exobiology	1969
19740079079	Television broadcast satellite study	1969
19740079087	AAP LM-ATM decoupled mission study	1969
19740079088	Communication systems performance and coverage analysis for Apollo 11 (G type mission). Volume 5: S-band Doppler predictions	1969
19740079089	Communication systems performance and coverage analysis for Apollo 11 (G type mission). Volume 11: Transportation and docking, translunar coast, transearth coast, and entry	1969
19740079171	Data user's notes: OGO-3 experiment no. 18 low frequency radio astronomy	1969
19740079440	Linear time-varying system analysis based on a bi-frequency scattering transform description, part 1	1969
19740079441	AFC systems study, part 2	1969
19740079567	High-field cryogenic magnets with pure aluminum conductor	1969
19740079568	Stall and distortion investigation of a YTF30-P-1 turbofan engine	1969
19740079917	Lunar receiving laboratory, biological laboratory, operations procedure for Apollo 11	1969
19740079921	Final consumables summary for the Apollo 12 mission	1969
19740079926	Description of the revised DK1 logic to be used for Apollo mission H-3 and subsequent missions	1969
19740080230	Measurement of distributed heat transfer on 60 degree blunted cones in nitrogen at M equals 12.5 in a shock tunnel	1969
19740080408	Spacecraft operational trajectory for Apollo mission F. Volume 3: Mission summaries, May 1969 launch window	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080647	Filter, radio interference - 4 section, 115 VRMS, 400 Hz and 28 VDC	1969
19740080656	Resistor, thermal, platinum element	1969
19740081227	Engineer design test (Cat 2) of 60,000 BTU/HR compact horizontal air conditioner	1969
19740081600	A description of the input to the Apollo mission planning and real-time rendezvous support program	1969
19740081698	Status report, 1 January 1967 - 1 January 1969	1969
19740081765	Investigation of functional modeling techniques for determining NEMP effects on ground facilities	1969
19740082359	Back contamination mission rules (recovery to receiving lab)	1969
19740082522	Apollo applications program technical management review report	1969
19740082896	Development of 3-stage, 25MM pip tube (U)	1969
19740083274	Human engineering criteria for maintenance and repair of advanced space systems. Volume 1: Summary technical report	1969
19740083275	Human engineering criteria for maintenance and repair of advanced space systems. Volume 2: Detailed technical report	1969
19740083276	Human engineering criteria for maintenance and repair of advanced space systems. Volume 3: Preliminary handbook of human engineering design for reduced gravity conditions (chart summary)	1969
19740083277	Human engineering criteria for maintenance and repair of advanced space systems. Volume 4: Research and technology implications report	1969
19740083362	Reliability handbook for silicon monolithic microcircuits. Volume 1: Application of monolithic microcircuits	1969
19740083367	Engineering design test of comparison of explosive hazards of MIL-T-5161G, Type 1 and Type 2 fuels in fuel tank environments	1969
19740083907	Space station program	1969
19740084156	Inorbit Delta V study, for an Advanced Logistics System (ALS) resupply mission	1969
19740084158	Apollo 9 mission crew charts	1969
19740084356	Transformer, pulse	1969
19740084626	Development and design of an isotope-heated catalytic oxidizer trace contaminant control system	1969
19740084855	Advanced lunar exploration mission plan utilizing a polar orbiting lunar space station	1969
19740084858	Preliminary Apollo mission F trajectory data for the May 1969 launch window	1969
19740084862	Apollo 9 spacecraft dispersion analysis. Volume 2: Rendezvous dispersion analysis	1969
19740084865	RTCC requirements for mission F: Lunar flyby modes of the translunar midcourse correction processor	1969
19740085067	Separation procedures for Apollo 12 nominal, alternate, and abort missions	1969
19740085068	TLI ship positioning and coverage data for Apollo mission F lunar launch opportunities for May 1969	1969
19740085069	Reentry monitoring and backup control procedures for mission D/CSM-104/LM-3	1969
19740085342	Apollo Applications Program (AAP) payload integration	1969
19740085348	Launch window effects on the Apollo 12 (mission H-1) operational abort plan	1969
19740085421	Apollo Applications Program (AAP) payload integration	1969
19740085485	Strengthening mechanisms in TD-cobalt alloys	1969
19740085777	Statistical analysis of gyroscope data	1969
19740085829	Non-metallic cable wear test	1969
19740085852	Revision 2 to the Apollo 9 spacecraft operational trajectory. Volume 1: Mission profile	1969
19740086002	Reactor--power	1969
19740086026	Reactor: Power	1969
19740086322	Transformer, audio frequency: Miniature	1969
19740086658	Thermal insulations for high temperature heat shield applications	1969
19740086681	Study of feasibility of conducting Mars life detection experiment in situ	1969
19740086687	Study of feasibility of conducting Mars life detection experiment in situ	1969
19740086688	Study of feasibility of conducting Mars life detection experiment in situ	1969
19740086689	Study of feasibility of conducting Mars life detection experiment in situ	1969
19740086691	Semiannual scientific progress report, 1 March - 30 August 1969	1969
19740086693	Extraterrestrial life detection by enzymatically induced exchange of O18	1969
19740087115	Extraterrestrial life detection by enzymatically induced exchange of O18	1969
19740087273	A contribution to the critical examination of aircraft displays in guidance systems	1969
19740087401	Operational lunar orbit attitude sequence for Apollo 12 (mission H-1)	1969
19740087470	Countermeasures receiver set AN/ALR-23 reliability qualification test	1969
19740087511	Evaluation of general purpose and SWAMP area electric wire candidates for model L-1011 airplane	1969
19740087574	Apollo 9 spacecraft operational dispersion analysis. Volume 4: Navigational error analysis	1969
19740087575	Project Apollo: Apollo 9 entry postflight analysis	1969
19740087590	A model for the study of boundry-layer instability	1969
19740087603	Fabrication developments of high temperature materials: Columbium and TD Nicr	1969
19740087616	Thermal insulations for high temperature heat shield applications	1969
19740087778	The application of the composite score evaluation technique to field gyroscope floats	1969
19740087781	Measuring the modulus of elasticity by microwaves	1969
19740088393	Comparsion of liquid and solid propellant aircraft gun physical and performance characteristics	1969
19750063809	Cracked solder joint investigation	1969
19750063880	Apollo 9 mission report. Supplement 5: Service propulsion system. Final flight evaluation	1969
19750063884	Apollo 12 (mission H-1) spacecraft dispersion analysis. Volume 7: Dispersion summary	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750063885	Apollo portable life support system computer simulation program	1969
19750063888	RTACF work schedule plots for Apollo 9	1969
19750063891	Apollo 5 mission report. Supplement 4: Analysis of digital autopilot performance	1969
19750063893	Apollo entry summary document mission G and subs	1969
19750064219	Apollo 9 mission report. Supplement 2: Guidance, navigation, and control system performance analysis	1969
19750064221	Apollo mission techniques mission D rendezvous. Volume 1: Techniques description, revision A	1969
19750064223	Communication systems performance and coverage analysis for Apollo 10 (F type mission), addendum 2	1969
19750064227	Apollo 12 (mission H-1) dispersion analysis. Volume 4: Descent and ascent dispersion analyses. Part 2: Lunar ascent	1969
19750064229	Revision 1 to the Apollo Mission G spacecraft reference trajectory. Volume 1: Reference mission profile (launched 14 August 1969)	1969
19750064233	Apollo mission F: Mission planning briefing for the crew	1969
19750064239	Apollo 9 mission report. Supplement 3: LM abort guidance system postflight analysis report	1969
19750064248	Logic and equations for the real-time computation of the lunar module launching window and recommended lift-off time	1969
19750064249	Comparison of 10-minute and one-pass orbital fits for a near-circular lunar orbit	1969
19750064259	Prelaunch go/no-go computations for the Apollo 12 mission	1969
19750064274	Preliminary alternate mission plan for Apollo mission. Volume 1: Earth orbit	1969
19750064279	Apollo 6: Excessive cabin-to-ambient differential pressure	1969
19750064425	Full-scale nuclear rocket cold-flow test facility and research apparatus	1969
19750064428	The micrometeoroid experiment on the OGO 4 satellite	1969
19750064507	Assembly of computers to command and control a robot	1969
19750064573	Short arc fits of different lengths for an Apollo-type orbit	1969
19750064586	Effect of hydrogen gas on metals at -30 to +100 C	1969
19750064590	Operational use of quaternions in the description of rigid body motion	1969
19750064613	Weighting structure and navigation profile study results for earth orbit landmark navigation	1969
19750064615	Apollo 12 (mission H-1) spacecraft dispersion analysis. Volume 4: Descent and ascent dispersion analyses. Part 1: Lunar descent	1969
19750065088	The spacecraft operational trajectory for Apollo 10 (mission F). Volume 1: Operational mission profile launched 18 May 1969	1969
19750065091	Communication systems performance and coverage analysis for Apollo 11 (G type mission). Volume 3: Lunar operations	1969
19750065654	Biosatellite project historical summary report	1969
19750065827	Communication systems performance and coverage analysis for Apollo 10 (F type mission)	1969
19750065828	Addendum 1 communication systems performance and coverage analysis for Apollo 10 (F type mission)	1969
19750065831	Apollo communication systems performance and coverage analysis for mission Apollo 9	1969
19750065833	Apollo communication systems performance and coverage analysis for Mission Apollo 9, addendum	1969
19750065846	Mission capabilities of MSC shuttle	1969
19750065857	Apollo mission techniques. Missions F and G lunar orbit activities. Revision A, volume 1: Techniques description	1969
19750066512	Tracking and data system support for the mariner venus 67 mission. Volume 2: Midcourse maneuver through end of mission	1969
19750066606	Design of a lead-type capsule system to investigate the radiolysis of water	1969
19750066881	Communication systems performance and coverage analysis for Apollo 11 (G type mission). Volume 1: Launch and earth parking orbit	1969
19750066887	Medical research and operations directorate. Lunar receiving laboratory operating procedures manual. Section 2.0: Analysis of effects of lunar material on botanical systems	1969
19750066920	AAP experiment T021 GFE supplied flight hardware end item specification	1969
19750066921	Meteoroid sensor test report	1969
19750067030	Annual Conference of NASA Clinic Directors, Environmental Health Officials and Medical Program Advisors	1969
19750067793	The gyroscope in torque-to-balance strapdown application	1969
19750067808	Apollo 7 mission report. Supplement 3: Guidance, navigation, and control system performance analysis	1969
19750068836	Development of fluidic subsystem for nerva-engine chamber pressure control	1969
19750069102	Detection of thick surficial deposits on 8-14mu infrared imagery of the Madison Plateau, Yellowstone National Park	1969
19750069103	Plant tissue and the color infrared record	1969
19750069104	Microwave radiometric studies and ground truth measurements of the NASA/USGS Southern California test site	1969
19750069105	A rapid film density analyzer	1969
19750069122	Thermocouple reference junction recommendations for NERVA flight applications	1969
19750069286	Sensor detection capabilities study	1969
19750069293	Geologic evaluation of anomalies between life-polarized and cross-polarized K-band side looking radar imagery of Yellowstone National Park	1969
19750069294	The photogrammetric approach to the gridding of space photographs	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750069295	Annotated bibliography of USGS technical letters- NASA on remote sensing investigations through June 1967	1969
19750069367	Analytical study to determine the characteristics of nuclear light bulb model tests in a Pewee resistor	1969
19750069376	Component development and electrical life testing of externally fueled thermionic converters	1969
19750069436	Effect of afterbody shape, nozzle type, and engine lateral spacing on the installed performance of a twin-jet afterbody model	1969
19750069452	The effects of TLI malfunctions on mission F crew monitoring procedures	1969
19750069504	Status of NERVA shielding requirements trade study (tasks 2 and 2A)	1969
19750069563	Study of feasibility of conducting Mars life detection experiment IN-SITU	1969
19750069581	The complementary roles of aerial photography and radar imaging related to weather conditions	1969
19750069895	The 75K NERVA mass properties status report	1969
19750069922	NERVA product assurance program plan, P017-SS-090205-F1	1969
19750069923	XE prime Test Review Board (TRB) (phase 2) changes to documentation and minutes of meetings	1969
19750069924	Consolidation of NRX reactor fuel elements and hardware	1969
19750070175	F-1 rocket engine operating instructions	1969
19750070181	NERVA logistics support plan, L003-SS-09205-F1	1969
19750070519	NERVA functional flow diagrams, S052-SS090205-F1	1969
19750070528	NERVA data and document management control plan, C100-SS-09205-F1	1969
19750070564	Performance/design and qualification requirements for by-pass block valve and actuator, part 1	1969
19750070904	Hypersonic research engine project, phase 2A. Inlet program	1969
19750070921	Hypersonic research engine project. Phase 2A: Inlet program	1969
19750070980	Flexible engine shielding test facility study	1969
19750071010	NERVA 75K flight engine. Engine assembly layout, 1. Engine flow schematic and piping diagram, 2	1969
19750071026	Phoebus 2A effluent measurements. Final issue	1969
19750071532	Computations and data channels in the computer data link between the ETS-1 instrumentation system and the ETS-1 diagnostic center	1969
19750071544	Reliability analysis of NERVA actuator/control drum system	1969
19750071545	Problem of hydrolysis in NERVA fuel	1969
19750071561	The 75K NERVA internal loads report, S039-CP090194-F1,	1969
19750071957	Hypersonic research engine project. Phase 2: Aerothermodynamic integration model development, data item no. 55-4.06	1969
19750072004	Quality assurance informal progress letter 50A for third quarter, CY 1969 covering April, May, and June 1969	1969
19750072005	NERVA data and document management plan, WANL supplement	1969
19750072189	Preliminary Apollo 12 (mission H-1) trajectory data	1969
19750072212	Estimation of measurement noise statistics in aided inertial navigation systems	1969
19750072490	A feasibility study of the use of small solid boosters to provide thrust augmentation for the Europa 1 and Europa 3 vehicles	1969
19750072504	Europa 1/2 first stage angular velocity and position dispersions at first/second stage separation	1969
19750072518	Calibration of liquid pressure drop across the Coralie engine injector	1969
19750072520	Igniter qualification tests of ELDO PAS apogee engine	1969
19750072521	Third series of tests of the ELDO PAS apogee engine	1969
19750072522	First series of tests of ELDO PAS apogee engine	1969
19750072528	The effect of heat treatment and fabrication processes on the tensile properties of the aluminium alloy Hiduminium 48 in the temperature range 293 K to 20 K	1969
19750072557	Ground wind loads on Europa 1 and 2 vehicles	1969
19750072560	Detection and recovery of isotopic capsules by radiological prospecting from the air	1969
19750072664	Preliminary LM abort and rescue procedures for Apollo mission F. Volume 1: Nontime-critical procedures	1969
19750072666	Apollo 12 (mission H-1) separation and recontact analysis summary document	1969
19750073058	Task monitor's handbook	1969
19750073060	RTCC requirements for mission G: LOI targeting processor	1969
19750073287	Apollo 8 entry postflight analysis	1969
19750073289	Apollo 9 (mission D): SA-504/CSM-104/LM-3 spacecraft operational alternate mission plan	1969
19750073293	Operational abort plan. Volume 4: Return to earth summary	1969
19750073294	Report on the status of the Apollo back-contamination program, revision A	1969
19750073298	Real-time auxiliary computing facility Apollo 8 operational support team handbook	1969
19750073302	Preliminary LM abort and CSM rescue plan for Apollo mission G. Volume 4: Aborts from powered descent	1969
19750073595	AIAA Tactical Missile Systems Conference	1969
19750073596	Tactical missiles and ordnance in Southeast Asia: Lessons learned	1969
19750073597	The impact of future tactical system requirements on technology	1969
19750073598	Southeast Asia air-to-air combat (Project Red Baron)	1969
19750073599	An analysis of combat experience with Sparrow 3 air-to-air missiles	1969
19750073600	The impact of tactical air defenses	1969
19750073601	Advanced air-to-air systems	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073602	Matching weapon systems to target systems	1969
19750073603	The case of non-nuclear terminally guided tactical missiles	1969
19750073604	An overview of Army tactical missile development	1969
19750073605	All weather air-to-surface missile effectiveness	1969
19750073606	Designing the laser-guided missile system for the tactical environment	1969
19750073607	Pulse motor application to tactical missiles	1969
19750073608	An overview of warhead types as a function of the target matrix	1969
19750073609	Transition to production of Government laboratory developed items	1969
19750073610	The role of systems analysis in weapon system selection	1969
19750073611	The Dragon missile system	1969
19750073612	The Phoenix guided missile system	1969
19750073613	The cost effectiveness of a wooden round missile design	1969
19750073614	The Positive Identification and Radar Advisory Zone (PIRAZ) in the Tonkin Gulf	1969
19750073615	Air to air combat experience in Southeast Asia	1969
19750073616	Air-to-ground missile combat experience in Southeast Asia	1969
19750073947	The spacecraft operational trajectory for Apollo 10 (mission F), revision 1. Volume 2: Operational mission profile trajectory parameters launched May 18, 1969	1969
19750074087	Ground fire detection systems (U)	1969
19750074092	Reentry data: WTR test no. 2930 (U)	1969
19750074288	The role of emittance in refractory metal coating performance. Part 3: Total and spectral emittance measurements above 2500 F and correlation of emittance with composition	1969
19750074290	Technology needs: Environment program element 62101F	1969
19750074291	The development and application of nondestructive testing techniques for evaluating high temperature protective coatings	1969
19750074293	Turboaccelerator component evaluation program (U)	1969
19750074866	The tensile properties of a polybutadiene propellant, C37	1969
19750074867	Application of multiparameter flight loads data to structural design criteria. Volume 2: Distributions of peaks and correlated variables. Part 1: Graphical presentation	1969
19750074871	Application of multiparameter flight loads data to structural design criteria. Volume 4: Computer program user's manual	1969
19750074872	Application of multiparameter flight loads data to structural design criteria. Volume 3: Time distributions and peak envelopes	1969
19750074873	Ablative electromagnetic window materials for aerospace vehicles	1969
19750074915	Characterisation of fine grained beryllium	1969
19750074917	Basic aspects of gas-phase mixing and kinetics in rocket engine combustion chambers: A review	1969
19750074922	Handling experiments in a RAF VC10	1969
19750074932	Assembly and test of five Apollo 1 IRIG's incorporating the size R-4 (SR4HX88) instrument ball bearing	1969
19750074996	Technology needs: Bioastronautics program element 62401F	1969
19750075019	Apollo reference mission program six-degree-of-freedom guidance and control users manual. Volume 1: Input-output, revision 1	1969
19750075027	Views from the CM and LM during the flight of Apollo 12 (mission H-1)	1969
19750075162	Reentry vehicle dispersion caused by the environment of a nuclear burst (U)	1969
19750075598	Study of the dispersion of gases in viscous liquids with application to radioactive krypton and xenon disposal, Part 1	1969
19750075668	The development of hot pressed alumina for gas bearing applications	1969
19750075842	The 2D2 system evaluation, Volume 2	1969
19750075873	Effect of air density variation of trajectories	1969
19750076007	EMI test report for radio receiver (VHF) AN/GRR-23 radio receiver (UHF) AN/GRR-24	1969
19750076294	Excitation, transmission, and radiation of sound from sources inducts. Part 1. Sound field of a point source in a hard-walled duct with non-reflecting terminations and no mean flow	1969
19750076516	Space shuttle system description	1969
19750076517	Space shuttle data, supplemental data on two-stage vehicle	1969
19750076518	Space shuttle drop tank description	1969
19750076519	Space shuttle system evaluation document	1969
19750076661	Title is classified	1969
19750076983	Feasibility analysis of tactical air support functional area	1969
19750077245	User's manual for the computer code CLYDE	1969
19750077497	Improvements in the stabilization-annealing of thin film nichrome resistors	1969
19750077656	Runaway (verge) escapment analysis and guide for designing fuze escapements	1969
19750077771	Acceptance criteria for workmanship	1969
19750078066	Heaviest chemical elements	1969
19750078074	CLYDE: A code for the production of calculational constants from nuclear data	1969
19750078081	Study of the dispersion of gases in viscous liquids with application to radioactive krypton and xenon disposal, part 2	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078294	Magnetic field controlled electron tube, particularly for high precision measurements of magnetic fields, and as appropriate construction elements of a magnetometer system as a whole	1969
19750078403	An automated data processing system for summarization of Q. E. Laboratory surveillance of Navy gun ammunition	1969
19750078440	Purchase description reactor, filter on coils, inductance, fixed, 0-3 KHZ, 1-2 watts, diamagnetic encapsulated	1969
19750078620	Integrated research on carbon composite materials, part 3	1969
19750078685	Resupply in peace and war by C-5 aircraft and by containership. Volume 3: Potential impact of container service on military supply pipelines	1969
19750078686	Resupply in peace and war by C-5 airlift and by containership. Volume 4: An approach to approximating supply performance in two-bin and double two-bin inventory control systems	1969
19750078757	The Fort Huachuca climate calendar	1969
19750078758	Climate calendar, Gun Hill meteorological site, Panama Canal Zone	1969
19750078783	ALERTS program (U)	1969
19750078784	ALERTS ADD-ON package (U)	1969
19750079058	Review of recent developments: Mechanical properties of metals	1969
19750079218	Studies of operator and control system requirements for small submersibles	1969
19750079645	Apollo reference mission program. Version 7: Lunar descent/ascent supplement user's manual	1969
19750079921	Susceptibility measurement system study	1969
19750079999	System safety analytical technology: Preliminary hazard analysis	1969
19750080140	Open-cycle Joule-Thomson cryogenic cooler	1969
19750080263	Background measurements made above five kilometers: A survey of the literature	1969
19750080283	Coaxial microwave bandpass filters	1969
19750080504	HRV-1 flight test with aft location of hydrofoil number 1 on strut number 2	1969
19750080585	Aerodynamic design of reaction jet controlled tactical missiles (U)	1969
19750080597	Naval energy systems (U)	1969
19760012353	First Symposium on Rolamite	1969
19760012354	Rolamite fundamentals	1969
19760012355	Accomplishing useful device functions with rolamite	1969
19760012356	The rolamite: Geometry and force analysis	1969
19760012357	A theoretical and experimental investigation of the dynamic response of rolamite	1969
19760012358	Material properties and tolerances in rolamite bands	1969
19760012359	Rolamite design using figures of merit	1969
19760012360	Bearings and suspension	1969
19760012361	Instrumentation	1969
19760012362	Electromechanical devices	1969
19760012363	Fluid devices	1969
19760012364	Material and metallurgy	1969
19760012365	Electrical switching	1969
19760012366	Transducers and measurements	1969
19760012367	Manufacturing processes	1969
19760012368	Theory and force generation	1969
19760065229	Hypersonic research engine project. Phase 2A: Aerothermodynamic Integration Model (AIM) development, data item no. 55-4.04	1969
19760065230	Hypersonic research engine project. Phase 2A: Combustor program, data item no. 55-2.08	1969
19760065231	Hypersonic research engine project. Phase 2A: Combustor program, data item no. 55-2.09	1969
19760065315	Westinghouse Astronuclear Experimental Facility operating limits	1969
19760065835	Control of linear systems with large time delays in the control	1969
19760065839	A review of coupling agents as adhesion promoters	1969
19760065940	Hypersonic research engine project. Phase 2A: Combustor program, data item no. 55-2.10	1969
19760065944	Hypersonic research engine project. Phase 2A: Structures and cooling development, data item no. 55-7.08	1969
19760065945	Hypersonic research engine project. Phase 2A: Structures and cooling development	1969
19760065951	Strut thermal performance and thermal cycle testing. Hypersonic research engine project, phase 2	1969
19760065952	Hypersonic research engine project. Phase 2A: Boilerplate engine development, data item no. 55-4.03	1969
19760065953	Hypersonic research engine project. Phase 2A: Aerothermodynamic integration model development, data item no. 55-4.05	1969
19760065974	NERVA time line sheets, S056-SS090205-F1	1969
19760065975	NERVA logistics support plan, L003-SS-09205-F1	1969
19760065978	NERVA Schematic Block Diagrams, S055-SS090205-F1	1969
19760066094	Investigation of 17-HZ closed-loop instability of S-2 stage of Saturn 5	1969
19760066164	Physiological and developmental changes resulting from reduced gravitational force with animals chronically adjusted to centrifugal fields	1969
19760066167	Production of dense thermonuclear plasmas by intense relativistic electron beams	1969
19760066199	Westinghouse astronuclear experimental facility reactor operations manual	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760066550	Engine test stand-1 facility requirements	1969
19760066930	Flow stability and gravitational effects in multitube condensers	1969
19760067212	Second Annual Earth Resources Aircraft Program Status Review. Volume 2: Agriculture/Forestry, and sensor studies	1969
19760067213	Second Annual Earth Resources Aircraft Program Status Review. Volume 3: Hydrology and Oceanography	1969
19760067383	A Determination of Reactor-Radiation-Resistant Explosives, Propellants, and Related Materials	1969
19760067403	High-temperature water penetration test results	1969
19760067768	Apollo 9 handheld color photography catalog	1969
19760067788	Engineering data management system manual	1969
19760067912	Structural-support coolant subsystem (SSCSS), limits and the effects of changes in limits	1969
19760067948	High temperature thermocouple qualification and development testing	1969
19760067970	Fission product diffusion from NERVA fuel at low temperatures	1969
19760068511	Thermal conductivity standard reference materials from 4 to 300 K. 1: Armco iron	1969
19760068626	Viewgraph presentation on status of NERVA fuel element electrical testing	1969
19760068641	Fission product release from NERVA fuels, a summary	1969
19760068666	CV-7A transport aircraft modification to provide an augmentor-wing jet STOL research aircraft. Volume 3: Price proposal	1969
19760068791	Superconductive magnets	1969
19760068850	Users manual for SESL-EMU biomedical monitoring and computations system	1969
19760068923	Development of an integrated system of neu computer codes for complex engineering structures. Folder 2: Business management	1969
19760069372	Final test specification WASPALOY materials test 37/W412	1969
19760069736	Comparison of the full flow and hot bleed engines for NERVA application, book 2	1969
19760069743	Testing of the SNAP-27 ten-couple-modules	1969
19760069755	Hot bleed cycle, 75K NERVA engine system analysis	1969
19760069759	Trade study for NERVA support plate and plena design concepts	1969
19760069786	XE-prime malfunction analysis	1969
19760069808	Systems-engineering and trade-study-reports meeting	1969
19760069816	Material presented to SNPO in shielding trade study review	1969
19760071399	The item 75K NERVA engine system analysis S-1 data	1969
19760072162	Space Transportation System: Final Review	1969
19760072195	Hypersonic research engine project. Phase 2A: Structures and cooling development	1969
19760072567	Goals and objectives for America's next decade in space	1969
19760073000	Noise of high speed lifting and propulsion rotors	1969
19760073014	Apollo Mission Report	1969
19760073064	Apollo 9 mission report	1969
19760073109	The design, fabrication, test and delivery of an engineering model, electro-mechanical space positioning tool	1969
19760073208	NERVA nuclear subsystem	1969
19760073211	NERVA nuclear subsystem	1969
19760073406	Apollo 11 Flight Plan AS-506/CSM-107-LM-5	1969
19760073980	Project SERV: A space shuttle feasibility study	1969
19760074813	Launcher system definition study Europa 3C. Final presentation of results	1969
19760074819	Study for the determination of fairing dimensions	1969
19760074820	Europa 3B configuration studies, phase 1	1969
19760074822	Europa 3C launcher system definition: Feasibility study	1969
19760074827	Input data and comparison of load calculations for the prelaunch load check in Woomera for ELDO-A F-8	1969
19760074834	Summary of the 'rendez-vous and docking' study	1969
19760074865	Europa 3B: Configuration studies, phase 2: Preliminary information on the design of first/second stage separation system	1969
19760074869	Europa 3: Reference planes and datums	1969
19760074886	Study of hydrogen flow through the porous core of nuclear propulsion reactor	1969
19760074889	Preliminary study of a bi-propellant first stage using N2O4/UDMH	1969
19760074890	Solar and nuclear-electric propulsion stages for transfer into a 24h-orbit: Feasibility study	1969
19760074924	Notes on manufacturing problems associated with the spinning of liquid hydrogen tank domes in Hiduminium 48	1969
19760074925	Evaluation report on the techniques associated with the manufacture of a liquid hydrogen tank using electron-beam welded Hiduminium 48	1969
19760074931	Experimental study of plastic foam insulations	1969
19760074932	An estimate of thermal stresses in the insulation of the cylindrical part of a thinwalled aluminium alloy liquid-hydrogen tank	1969
19760074933	Workability of PPO foam	1969
19760074934	Some measurements on the creep of PPO-foam and of an adhesive for bonding it at different temperatures	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760074938	Liquid propellant transfer and apogee injection systems: Feasibility study	1969
19760074969	Calibration test rig for LH flowmeters	1969
19760074970	Investigations on a cryostat for calibration of resistance thermometers for LH (Liquid hydrogen)	1969
19760074984	Debugging program for Coralie components	1969
19760075009	Investigation of some problems on the intact reentry of isotopic sources	1969
19760075023	Editing time series	1969
19760075140	Europa 3C. Study of a new launch vehicle the first stage of which uses RZ.2 engines: Preliminary development cost plan	1969
19760075166	Europa 3B: Comparison between construction methods for integrated or separate upper stage cryogenic tanks	1969
19760075175	Coralie preparation for F8 launch investigation into the time of locking of the automatic pilot before second/third stage separation	1969
19760075196	Description of first stage propulsion system of Europa 3B launcher	1969
19760075241	Preliminary study of a b1-propellant first stage using N2O4 and UDMH	1969
19760075253	Fatigue and crack tests on Marval 18 steel bars	1969
19760075263	Measurement of liquid hydrogen density	1969
19760075409	Structural flight and design loads: Stress analysis	1969
19760075476	A study of methods of establishing a payload in geostationary equatorial orbit	1969
19760075477	Establishment of the trajectory capsule on its transfer orbit	1969
19760075484	Computer program PLC (pre-launch/check)	1969
19760075500	Chill-down and maintenance of propellant in liquid state of supply lines	1969
19760075521	The L95 launch vehicle stage	1969
19760075524	Satellite launch vehicle with a high energy first stage and the third stage of the ELDO-A launch vehicle	1969
19760075613	Feasibility study for a ballistic single stage reusable launch vehicle BETA	1969
19760075636	Mercury fly-by mission feasibility study	1969
19760075641	Transportation possibilities in FRG for upper stages up to 4m diameter	1969
19760075648	Europa 3B/Europa 4 launchers performance	1969
19760075656	Stability of upper stages under wind load without first/second stage explosive bolts	1969
19760075658	Performance statistical study of a space vehicle stage with liquid propellants	1969
19760075672	Increase of the Europa 2 third stage payload	1969
19760075675	P16 boosters strapped on Blue Streak	1969
19760075679	Europa 3 system specification studies. Volume 1: Reference system	1969
19760075680	Europa 3 system specification studies. Volume 2: Interim study phase, work requirements	1969
19760075681	Addition of L95 boosters to Europa 2 and 3 launchers	1969
19760075685	Nose fairings for ELDO launchers	1969
19760075695	Europa 3C first stage with four RZ2 Rolls-Royce engines	1969
19760075709	Europa 3C: First stage with four RZ2 Rolls Royce engines	1969
19760075714	Launch transients of the Europa 1 vehicle in the presence of an ARPU zero error bias circuit	1969
19760075727	Mechanical model of fluid oscillations for F11	1969
19760075730	Assessment of the ELDO third stage performance from in-flight measurement	1969
19760075735	Final trials assessment report ARPU-F7	1969
19760075738	Europa 3B. Configuration study phase: Technical reference for study of the electrical equipment in the vehicle	1969
19760075742	Europa 2 thrust augmented launcher. Use of L17 or L21 boosters	1969
19760075749	Autopilot stability and liquid sloshing	1969
19760075755	Evaluation of different families of launch vehicles for a European space program	1969
19760075761	Feasibility study of Europa 3	1969
19760075779	Europa 3B: Configuration studies, phase 2	1969
19760075789	Performance of a 3 stage launcher Europa 1	1969
19760075792	Consequences of stage dimensions on manufacturing and test installations	1969
19760075799	Europa 3B: Performance study	1969
19760075812	Europa 1/Europa 2: Performance in low and medium circular orbits	1969
19760075823	Measured frequency response characteristics of the ARPU (F-9 configuration)	1969
19760075832	Technical description of the interface test unit for the inertial guidance interface unit of the ELDO satellite launching vehicle	1969
19760075866	Europa 3B: Preliminary study of guidance feasibility. Volume 2: Black loci	1969
19760075881	Lateral stability of the F8 autopilot	1969
19760075891	Europa 3B cryogenic stage propellant tanks design, volume 1	1969
19760075894	Calculation of three dimensional resonant frequencies for the F8 in flight	1969
19760075895	Calculation of the ELDO-A F8 (V16) third stage dynamic loads	1969
19760075896	Estimation of dynamic flight loads for the F8 third stage without jettisoning of middle skirt and with modified satellite mass, based on ASE-1 VPE-1 tests and existing calculations	1969
19760075908	ELDO PAS bay: Determination of the static balancing of the equipment bay	1969
19760075925	Cryogenic stage propulsion system. Volume 1: Technical Proposals	1969
19760075926	Cryogenic stage propulsion system. Volume 2: Development and cost plans	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075934	Experimental study of the emptying of the LH2 and LO2 tanks	1969
19760075935	Conditioning of propellants in a state of zero or low gravity. Study of a degassing system	1969
19760075939	Europa 3B cryogenic stage propellant tank design. Volume 2: Annexes	1969
19760075946	Europa 3 cryogenic stage: Configuration studies, revision 1	1969
19760075959	Basic considerations concerning actuator systems for movement of rocket engines	1969
19760075975	Transfer into geostationary orbit using thermonuclear propulsion	1969
19760076001	Europa 3B: Main characteristics of the 60-kn H2O2 engine	1969
19760076012	Qualification test under vibration of the ELDO PAS rocket motor	1969
19760076013	Tests in a vibratory environment of the ELDO PAS perigee rocket motor 800mm diameter with rocket motor empty and full	1969
19760076018	Study of the influence of sloshing on the behavior of liquid hydrogen in a stage propellant tank	1969
19760076029	A feasibility study of the use of small liquid boosters (L17) to provide thrust augmentation for the Europa 2 vehicles	1969
19760076040	Development of low thrust rocket motors utilizing the bipropellant N2O4 Az50. Volume 2: Research on high temperature refractory materials	1969
19760076041	Europa 3. Cryogenic Stage: Characteristics of A-Z5G	1969
19760076046	Europa 3 cryogenic stage. Thermal insulation: Characteristics of Klegecell H917	1969
19760076067	Study of the behavior of self pressurized propellants	1969
19760076072	Experimental studies for ELDO	1969
19760076086	Gain variations of the airborne aerals along F8 trajectory	1969
19760076100	The airborne frequency monitoring post and the interference tests of the F7 vehicle (Woomera Nov. 1968)	1969
19760076105	Study of module and sequencer components: Coralie	1969
19760076108	Thermal protection of reentry bodies: Experimental study	1969
19760076121	Parameters of the Europa 3 second stage model as rigid body with regard to propellant sloshing and engine reaction	1969
19760076122	Thermal environment in the propulsion bay of the L120 in the four or five engines configuration	1969
19760076176	Proposal for studies of the reliability of the Coralie sequencers during storage	1969
19760076187	Europa 3B first stage equipment bay: Various constraints due to structural definition	1969
19760076188	Europa 3B: Structure of second stage equipment bay	1969
19760076191	Mathematical model of the Europa 3 second stage with regard to flexure and shear deformation, propellant sloshing and engine reaction	1969
19760076209	ELDO PAS. Equipment bay PO1: Vibration qualification	1969
19760076210	Europa 3B: Comparative investigations for self supporting and pressure stabilized tank structure configurations for high energy upper stages	1969
19760076221	Investigation on the instabilities of longitudinal vibrations of the third stage Europa 2/f8: Pogo	1969
19760076231	ELDO program Coralie second stage. Propellant tank in Marval 18: Justification of the structure	1969
19760076248	Localization and retrieval of isotope capsules by airborne radiologic survey	1969
19760076250	Safety aspects of launching satellite vehicles carrying radioisotopic power generators	1969
19760076253	Examination of Guiana wind profiles by means of the prelaunch load check (PLC) for the Europa 2 launcher	1969
19760076296	F8 multistage vehicle flight loads	1969
19760076329	Description of the analysis of a many body system (indexing system)	1969
19760076347	Feasibility report for a lifting body reentry vehicle	1969
19760076364	Europa 3B launch vehicle first stage L. 120 with LRBA engines	1969
19760076404	ELDO PAS: Test made after the application of extreme loads	1969
19760076441	Injection errors for the launch vehicle PAS system	1969
19760076443	Testing of dynamic compatibility of third stage real hardware components, flight standard F9	1969
19760076469	F11/F12 capsule	1969
19760076476	Stimulation of the third stage (F9 without satellite) in the coasting phase	1969
19760076482	Influence on the PAS mission of errors related to the third stage attitude control	1969
19760076485	ELDO pas attitude control system	1969
19760076500	ELDO PAS perigee engine CSC 1: Structure	1969
19760076504	ELDO PAS program: Second series of tests at altitude simulated test bed (by CEP Saclay)	1969
19760076519	ELDO PAS: Ground vibration tests report on the 800mm diameter rocket motor	1969
19760076540	Radar and telemetry antennas for Coralie G	1969
19760076552	Europa 3 launcher: Thermal insulation for an O2/H2 second stage	1969
19760076578	F8 flight vibration frequencies	1969
19760076583	ELDO PAS. Qualification of the rear skirt and the lower separation system: Report on vibration tests	1969
19760077285	The aerodynamic characteristics of wrap-around fins for a rocket improvement program	1969
19760077489	Equipment compliance reports for Airborne Laser Equipment Real Time Surveillance (ALERTS) (U)	1969
19760078356	Effects of plug cooling airflow on the internal performance of a quarter-scale plug exhaust nozzle (U)	1969
19760078922	Engineering investigation of aircraft electric distribution and lighting systems	1969
19760078991	Study and analysis of an open ocean support system for an advanced patrol air-sea craft (U)	1969
19760079256	Balloon anti-frost experiment	1969
19760079682	Design concepts for maintainability of values in spacecraft	1969
19760080305	Fatigue studies of silver, aluminum alloys	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081251	Investigation of the electrode migration and reaction process occurring in alkaline-zinc batteries	1969
19760081306	Design aspects of a miniature high voltage power supply	1969
19760081576	Certification and recertification for M-21 emergency arresting gear	1969
19760082046	Radar wake Doppler measurements program	1969
19760083145	Technical handbook: Programming and control handbook for Tiros M	1969
19760083154	Standardization of fastener tests	1969
19760084101	Shock isolation synthesis study, volume 2	1969
19760084979	Human factors engineering systems office report 1-68. Task analyses of missile control officer's role in the Phoenix Missile System (U)	1969
19770071893	Modification of RX-5 hard suit assembly	1969
19770072022	An integrated program of space utilization and exploration for the decade 1970 to 1980, summary	1969
19770072763	General environmental test specification for spacecraft and components	1969
19770075070	HELIOS program mission definition group report	1969
19770075082	Science ground data system and science operations organization for remotely controlled lunar traverses. Phase A: Study report	1969
19770075088	CSM-active rendezvous	1969
19770075103	G-189 analytical simulation of the Apollo block II Command Module environmental control system	1969
19770075106	Aerospace tanks. Characteristics of existing propellant tanks and pressure vessels for space application, volume 2	1969
19770075471	Project Apollo task MSC/TRW A-194. Statistical Navigation Analysis Program (SNAP). Volume 2: Operating guide	1969
19770075472	Project Apollo task MSC/TRW A-194. FASTAP (TAPP 4 tape merge and matrix permutation program), programming language, FORTRAN 5 machine, UNIVAC 1108	1969
19770075630	Document guidelines for new technology reporting	1969
19770075712	Mission evaluation 104 study analysis report	1969
19770075728	Study of DECA operation with GDA in lunar module	1969
19770075876	LM FCS item 138, valve, suit by-pass, production acceptance test plan	1969
19770076344	IMBLMS - Integrated Medical and Behavioral Laboratory Measurement System	1969
19770076379	Weight and performance summary, November, 1969	1969
19770076396	Encapsulation of halogen containing compounds	1969
19770076839	UDP-galactose-4-epimerase activity of developing mouse brain and liver extracts	1969
19770076974	FY 1969 scientific and technical reports, articles, papers, and presentations	1969
19770079093	Epimerase-catalyzed glucose-galactose interconversion in the developing mouse brain	1969
19770081514	Peripheral circulation instrumentation project	1969
19770081907	An integrated program of space utilization and exploration for the decade 1970 to 1980	1969
19770081912	Triamese reusable launch vehicle/spacecraft	1969
19770084862	Research leading to new vision test techniques for use in the space environment	1969
19770085613	Cryogenic propellant management	1969
19770085614	Loss of consciousness under water. 1: Some physiological observations following a naval diving incident	1969
19770085615	Loss of consciousness under water. 2: Some physiological observations following a civilian diving incident	1969
19770086230	Saturn 5 flight manual SA-506	1969
19770086542	Proceedings of the 1st ARPA/RAND Accelerator Conference (U)	1969
19770086729	Saturn V flight manual. SA-508	1969
19770087412	Apollo 7, anomaly report no. 3: Failure of lower equipment bay floodlights	1969
19770087414	Apollo 7, anomaly report no. 4: Flight qualification commutator failure	1969
19770087415	Apollo 7, anomaly report no. 1: Cracked face glass on mission timer	1969
19770091163	E-2c Hawkeye demonstration, revised (U)	1969
19770091164	NR-260 STOL medium tactical transport. Volume 2: Weight, balance and inertia (U)	1969
19770091165	Proposal for the NR-260 STOL medium tactical transport. Volume 1: Air vehicle and systems description (U)	1969
19770091166	NR-260 STOL medium tactical transport. Volume 3: Performance, stability and control (U)	1969
19770091863	Advanced V/STOL thrust vectoring and reaction control augmentation, volume 3	1969
19770091864	Advanced V/STOL thrust vectoring and reaction control augmentation, volume 4	1969
19770091947	Redesign of missile container to high-rate production structure TOW heavy assault weapon. Volume 111. Appendix 1	1969
19770092414	Advanced V/STOL thrust vectoring and reaction control augmentation, volume 1	1969
19770093054	Investigation of inlet-vehicle installation interactions for an Air-Launched Advanced Ramjet Missile (ALARM)	1969
19770093259	Summary of equations for the pressure loss and the heat transmission for currents in spherical fills and prismatic channels	1969
19770093317	Development of a hydrogen separator for the separation of dissolved hydrogen in fuel cell water. Apollo applications program	1969
19770093418	Low-temperature thermionic emitter	1969
19770093545	Fuel modifications to reduce photochemically reactive hydrocarbon auto emissions	1969
19770093706	Effect of cycle parameters on performance, weight, and geometry of turbofan engines for STOL aircraft	1969
19770093903	Waveform design for underwater communications. Part A: Introduction	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094365	Evaporated tin particles: A better standard	1969
19770095003	Transistor	1969
19770095201	The 6th ICRPG Combustion Conference. Volume 2: Expanded Abstracts and Slides (U)	1969
19770095202	Stability scaling using a modular injection concept (U)	1969
19770095203	Solution to combustion instability in improved Agena: Acoustic liner (U)	1969
19770095204	Unresolved problems in solid propellant combustion (U)	1969
19770095205	An optical bomb study of the combustion of solid propellants in high acceleration fields (U)	1969
19770095206	Primary combustion of fuel-rich propellants (U)	1969
19770095207	Primary combustion of fuel rich propellant (U)	1969
19770095208	Combustion instability in recent development motors (U)	1969
19770095209	Combustion oscillations in a dual thrust rocket motor: A status report (U)	1969
19770095210	High burning rate plateau double-base propellants and proposed mechanisms for the rate enhancing effects of lead and copper modifiers (U)	1969
19770095211	High pressure performance studies (U)	1969
19770095212	High-burning-rate propellants (U)	1969
19770095512	Advanced V/STOL thrust vectoring and reaction control augmentation, volume 2	1969
19780070796	A bibliography of Wernher Von Braun with selected biographical supplement, 1930 - 1969	1969
19780071670	Carbon offers advantages as implant material in human body	1969
19780072260	Convenience tables of outside atmosphere sky brightness	1969
19780074866	Emergency earth orbital escape device study. Volume 1: Condensed summary	1969
19780074868	Emergency earth orbital escape device study. Volume 2C: Reentry Controls	1969
19780074869	Emergency earth orbital escape device study. Volume 2D: Environmental control, communications, electrical systems	1969
19780074871	Emergency earth orbital escape device study. Volume 2E: Additional study tasks	1969
19780075336	Emergency earth orbital escape device study. Volume 2A: System requirements and concepts	1969
19780075337	Emergency earth orbital escape device study. Volume 2B: Spacecraft system design	1969
19780075338	Emergency earth orbital escape device study. Volume 4: Apollo applications, emergency escape system, preliminary program definition plan	1969
19780075359	Performance/design and qualification requirements for engine nerva, 75K, full flow	1969
19780075603	XE-prime engine. Volume 1: Engine and facilities description	1969
19780075633	Benefits from space research	1969
19780076597	Seismographic Investigations of Large Rocket Firings	1969
19780077346	The 75k NERVA internal loads	1969
19780077730	Commercial total in-flight simulator empennage flutter analysis	1969
19780078406	Real time determination of metabolic rate and life support consumables during eva	1969
19780079030	Modifications to the Apollo lunar surface drill	1969
19780080493	Preproduction testing of the an/APQ-124 radar set fabricated by the Magnavox Company, Fort Wayne Indiana	1969
19780080507	Relay electromagnetic hermetically sealed subminiature with DPDT contacts	1969
19780082345	Acoustic modeling of an ocean bottom using band-limited LFM pulses	1969
19780083093	Performance characteristics of a 0001 rhenium thermionic converter	1969
19780083215	PARKA 2 experiment utilizing SEA SPIDER. ONR scientific plan 2-69	1969
19780083267	Cesiated work functions of 0001 rhenium	1969
19780083868	Re-entry data WSMR test no. 106, 6 December 1968	1969
19780083874	Apollo 10 mission 5-day report	1969
19780083884	Detailed analysis of AM-03 vehicle reentry data	1969
19780083885	Re-entry data final report WSMR test no. 107	1969
19780083886	Re-entry data final report WSMR test no. 113	1969
19780083958	Apollo 9 mission: Landing radar interference	1969
19780083961	Apollo 8 failure and anomaly listing	1969
19780083967	Apollo anomaly status	1969
19780083968	Apollo anomaly status	1969
19780084037	RVTO-2A RCS control design	1969
19780084038	Advanced delay device development	1969
19780085390	Scientific publications of the bioscience programs division	1969
19780085929	High temperature resistant polymeric coatings	1969
19780086306	Graphite fiber formation from an aromatic polyamide yarn	1969
19780086561	DON ADP program reporting system cost reports	1969
19780087692	V/STOL landing impact criteria	1969
19780087962	Application of nofoul rubber to steel panels by B. F. Goodrich	1969
19780088343	Integrated circuit engineering product analysis	1969
19790072024	Gliding parachutes for land recovery of space vehicles	1969
19790072026	Position determination in lunar surface EVA	1969
19790072027	Determination of the position of an extravehicular crewman with respect to the LM on the lunar surface	1969
19790072028	Handy Dandy charts for determining operational constraint effects in lunar traverse planning	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072031	Trip report - Discussion of tip tank fabrication	1969
19790072032	The potential for computer use in spaceborne experiments	1969
19790072092	Trip report - G-1 mission lunar surface EVA simulation	1969
19790072094	MLS comments to the S-056 experiment delta critical design review	1969
19790072096	Review of Apollo test objectives remaining after mission D	1969
19790072097	Mission analysis for the third manned lunar mission	1969
19790072099	Twenty-second AAP Flight Operations Plan /FOP/ meeting, MSC Trip report, 10 Jan. 1969	1969
19790072101	Trip report - Twenty-third AAP flight operations plan /FOP/ meeting, MSC, 21 March 1969	1969
19790072102	Proposal for a spent-stage impact experiment	1969
19790072103	Space and the spirit of man	1969
19790072106	Trip report - Fourteenth meeting of the AAP Mission Requirements Panel	1969
19790072107	Comparison of Apollo/Saturn 5 hold and scrub-turnaround capabilities between C and the F and G missions	1969
19790072109	Spacecraft weight summary for CM-SM/LM-ATM backup missions	1969
19790072110	Potential on-orbit servicing of Tacosat and Intelsat 4 satellites	1969
19790072111	Discussion of factors influencing cost of servicing astronomy satellites	1969
19790072112	Engineering implications of preliminary scientific traverses for the Apollo J missions	1969
19790072113	Identification of artifacts in a time-frequency spectrogram	1969
19790072114	Touchdown position deviations due to LM PGNC IMU error sources	1969
19790072115	Entry monitoring system simulation study plan	1969
19790072116	Entry monitoring system study, phase 1	1969
19790072117	Modularized nuclear stage performance for 1981 Mars 80-day Stopover Mission Case 103-8	1969
19790072118	APO briefing, 24 September 1969 Precision of consumables estimates for Apollo	1969
19790072119	TSAP - A Target Site Analysis Program Case 610	1969
19790072120	Experiment pointing requirements for AAP 1-2 and AAP 3A missions - Case 610	1969
19790072121	Reporting procedures for detailed objectives	1969
19790072122	Incorporation of the meteoroid impact and erosion experiment, T-017, into the AAP experiment program	1969
19790072123	Launch opportunities for AAP-1 rendezvous with OWS at approximately 35 deg inclination	1969
19790072124	Quarterly progress report April, May, June 1969	1969
19790072125	IMEO requirements for conjunction class manned missions to Mars, 1974 - 1993	1969
19790072126	Effects of landing point designator errors on landing the lunar module in a circular target area	1969
19790072127	Can high latitude sites be their own recycle sites /ques/	1969
19790072128	Improved lunar landing visibility resulting from greater expected relative sun azimuth for high latitude sites	1969
19790072129	Comparison of several lunar shuttle modes	1969
19790072130	Quarterly progress report, October, November, December 1968	1969
19790072131	Feasibility of a Marius Hills mission in the period from July through October 1971	1969
19790072132	Effects of including uprange and right redesignation capability on landing the lunar module in a circular target area	1969
19790072137	Addition of mascons in BCMTAP and a preliminary analysis of their effects on orbit determination	1969
19790072138	Integrated space program - Manned planetary missions for the 1980's	1969
19790072318	Optimization of hybrid trajectories for the Apollo mission under a DPS abort constraint	1969
19790072320	Error analysis of orbit determination for Mars Orbiter	1969
19790072321	Mission planning presentation at OMSF management council on February 5, 1969	1969
19790072322	Future space operations	1969
19790072323	An approach to manned space flight	1969
19790072324	Preliminary survey of the potential for satellite servicing	1969
19790072325	Minutes of the 12-14 August meeting of an ad hoc working group on the science objectives of Apollo missions 12-20	1969
19790072368	Guided entry corridors for high velocities	1969
19790072369	Reentry simulation comparison	1969
19790072370	Implication of a violation of the 300 n. mi. altitude limit on Apollo 9 due to late launch	1969
19790072372	Subroutines HUNT3 and HUNT4 for trajectory targeting with BCMASP	1969
19790072373	Changes to the BCMASP earth-orbit simulator	1969
19790072374	Use of the landing point designator to land the lunar module in a circular target area	1969
19790072375	Disposal of spent S-4B stage on hybrid missions	1969
19790072377	Periodic solutions of the orbital assembly equations of motion	1969
19790072378	Ideas for improvement of LM descent trajectory	1969
19790072379	Orbit determination and prediction for Apollo 11 LPO using POLAR	1969
19790072380	A method for determining minimum delta 5 two impulse transfer trajectories between arbitrary state vectors and its application to three impulse LOI optimization	1969
19790072453	LM descent profiles with steep final approach phases	1969
19790072454	Advantage of the steep descent for lunar surface visibility during afternoon landings	1969
19790072455	Forward propagation characteristics of Apollo 8 and LL03 trajectory solutions	1969
19790072456	Transfer velocities between earth space stations and satellites	1969
19790072457	Relating the LM descent redesignation Delta 5 budget to the landing ellipse evaluation number N	1969
19790072458	Low altitude orbits for earth-looking experiments	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072459	Characteristic velocity requirements for intraorbital phasing and interorbital transfer missions	1969
19790072460	Entry monitoring system study	1969
19790072461	Entry monitoring system study. Appendices 2 and 3	1969
19790072503	Continued use of multiple sites per launch opportunity in the lunar exploration program	1969
19790072504	Apollo 9 support systems observations - Case 900	1969
19790072505	Analysis of operations and constraints associated with the Mobile Service Structure /MSS/ at launch complex 39 Addendum to TM-68-2032-1	1969
19790072506	Review of Dual-mode Lunar Roving Vehicle /DLRV/ - Design definition study	1969
19790072507	Revisions to the BCMASP Earth-Orbit Simulator	1969
19790072508	MSFC lunar mobility task team meeting, 3 September 1969	1969
19790072602	Trip report - Discuss stage and one-half launch system studies at Lockheed	1969
19790072603	Astronomy in space	1969
19790072605	Discussion of design and fabrication techniques for 1 and 1/2 stage integrated launch vehicle drop tank Trip report	1969
19790072607	Effects of in-orbit servicing on Nimbus configuration	1969
19790072608	Near term intermediate launch vehicle - Low cost S-4B stages	1969
19790072609	Orbital workshop vibration analysis	1969
19790072610	Apollo mission launch coverage provided by an insertion ship at 25 deg N, 40 deg W for launch azimuth range 72 deg to 108 deg	1969
19790072611	Maximized manned earth applications program	1969
19790072612	A satellite wake region as an ultrahigh vacuum chamber	1969
19790072613	Commentary - Use of LC-39 for the launching of Saturn 1B's in the Apollo applications program	1969
19790072614	Fully reusable automated planetary probe injection system using LM/B propulsion modules	1969
19790072615	Space station configuration and flight attitude	1969
19790072616	Potential satellite servicing operations and the impact of servicing on satellite design	1969
19790072671	Relationship between spacecraft structural capability and ground wind constraints	1969
19790072672	S-2 27-degree-of-freedom longitudinal structural model	1969
19790072673	Updated S-2 longitudinal structural model	1969
19790072674	A study of the passive attitude motion of three generic types of space station configuration	1969
19790072675	An approach toward the implementation of a high energy physics and cosmic ray facility in space	1969
19790072686	Assessment of expendable tankage for low cost transportation systems	1969
19790072687	Two-stage, fully reusable space shuttle lunar mission capability	1969
19790072688	Conceptual design and performance of large propulsion stages dry launched within a 50K space shuttle payload compartment	1969
19790072689	Space shuttle launch of large payloads and in-space stages	1969
19790072690	Effect of lower CSM parking orbit on rescue after abort during LM descent	1969
19790072691	Some space shuttle technology considerations	1969
19790072692	Feasibility of shuttle /Orbiter/ /S-/C/ launches at LC-39	1969
19790072713	Use of proposed Air Force Orbit-to-Orbit Shuttle /OOS/ in NASA's integrated space program	1969
19790072739	Trip report - Third AAP G and C requirements meeting	1969
19790072740	Attitude control for AAP 1/2 and AAP 2/3A A progress report	1969
19790072741	USAF satellite test center advanced data subsystem	1969
19790072742	An analysis of Lunar Orbiter 3 tracking data utilizing osculating orbital elements	1969
19790072743	AAP telemetry data processing	1969
19790072746	An analysis of Apollo 8 tracking data utilizing the osculating lunar elements program	1969
19790072747	ALSEP data handling estimates	1969
19790072748	Use of state vectors to identify the CSM and S-4B in photographs of the Apollo 8 mission	1969
19790072749	Real-time control of an emplaced ALSEP Review of the requirements and estimate of the duty factor on the proposed computer	1969
19790072750	AAP LM-A GN and C system functions	1969
19790072751	Spatial orientation of a CSM relative to a sun-oriented SWS during a typical AAP rendezvous	1969
19790072752	Propagation characteristics of Apollo 8 LPO solutions obtained from the osculating lunar elements program	1969
19790072753	A star finder and identifier for use on the surface of the moon	1969
19790072754	Study of four MSFN configurations for coverage of 56 day AAP mission	1969
19790072755	An analysis of Apollo 10 tracking data utilizing the Polar version of the osculating lunar elements program	1969
19790072795	Experiment data processing	1969
19790072853	Forces on a current-carrying coil in the earth's magnetic field	1969
19790072854	A study on bulkhead configuration for a common mission module	1969
19790072855	Apollo 9 POGO stability analysis	1969
19790072857	Trip report - Meetings of the APP guidance, performance and dynamics subpanel and flight limits and range safety subpanel	1969
19790072858	Targeting of the LM descent visibility phase and extended braking phase	1969
19790072859	Trip report - AAP CSM preliminary design review, GN and C team	1969
19790072860	Discussion of reentry spacecraft heat shield technology studies at Martin-Marietta, Denver	1969
19790072862	The 3 deg K radiation field	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072864	Flight control - A definition	1969
19790072865	Thermal control coatings and degradation mechanisms	1969
19790072867	Preliminary thoughts on cryogenic servicing of the 16-day CSM	1969
19790072868	Interface latching loads	1969
19790072869	Pressure in the Saturn 1 workshop during orbital storage	1969
19790072871	Flight test of the LM landing point designator	1969
19790072872	Evaluation of RCS impulse dispersions in attitude hold modes for AAP	1969
19790072873	POGO-2 - A computer program for longitudinal stability analysis of large launch vehicles	1969
19790072874	ATM thermal control system	1969
19790072875	LM RCS plume impingement on the AM/MDA radiator Status report	1969
19790072876	The effect of addition of an experimental film vault on cluster inertial properties and CMG control capability	1969
19790072877	Remarks on RCS plume deflector being considered for LM-5 and subs	1969
19790072878	Orbital delta V capability of SOH launch vehicle when off-loading payload	1969
19790072879	Four B experiment pointing capabilities of the WACS	1969
19790072880	AAP CM-SM heater control electronics	1969
19790072881	Thermal coupling of oxygen and water lines in an insulated umbilical. An analysis - Case 620	1969
19790072882	A compilation of discharged fluids and fluid vent properties for the AAP cluster - Case 620	1969
19790072883	Stage weights of nuclear lunar shuttle	1969
19790072884	Presentation to ML staff meeting of 19 November 1969 - CSM vent locations	1969
19790072885	AAP cluster mass properties and CMG control capability	1969
19790072886	AAP docking simulation	1969
19790072889	Stellar ATM on second Saturn workshop	1969
19790072892	Mission effectiveness in payload planning	1969
19790072971	Spacecraft payload and mission profile changes for lunar exploration missions	1969
19790072972	Minimum-time attitude maneuvers of spacecraft with Control Moment Gyroscopes /CMG/	1969
19790072973	CMG momentum dump maneuvers for the AAP-3/AAP-4 mission	1969
19790072974	Effects of SOH sizing on payload/gross weight, and performance sensitivity to core inert weights	1969
19790072975	Apollo command system - Spacecraft computer update delays using the updata link	1969
19790073005	Resolution beyond the diffraction limit in space astronomy	1969
19790073006	A review of Bellcomm and LaRC studies on fine pointing with an ATM type system	1969
19790073026	Design and performance of small nuclear stages compatible with small and intermediate class launch vehicles	1969
19790073027	Trip report - Fourth quarterly AMPT review, 15 January 1969, Los Angeles, California, and 3rd program review RREP 28 January 1969, West Palm Beach, Florida	1969
19790073028	AAP electrical power system simulation	1969
19790073029	Spectrum analyses of Apollo 10 S-4B first and second burn	1969
19790073030	Delta V cost of updating the landing site during the LM descent braking phase	1969
19790073031	A chemical alternative to the nuclear shuttle	1969
19790073032	Presentation made to the S-2 POGO Working Group meeting	1969
19790073049	MSFC POGO working group meeting	1969
19790073068	Small space propulsion stage preliminary design - PM-2	1969
19790073069	Rationale for selection of a 50000 pound propulsion module in an integrated manned space flight program	1969
19790073083	Recent studies on materials and structures of radiative heat shields at MDAC	1969
19790073096	Active refrigeration for cryogenic storage in space	1969
19790073104	Fire detection in manned spacecraft by use of a mass spectrometer	1969
19790073146	Polarization measurements on stellar X-ray sources	1969
19790073147	Observation of the voice communication system at KSC during the Apollo 9 CDDT	1969
19790073149	KSC Operational Intercommunication System Monitoring at MCC During APOLLO 7 Mission and Tests	1969
19790073150	Apollo 10 television	1969
19790073151	Observations of the voice communications at KSC during the Apollo 9 countdown	1969
19790073152	Automatic speech recognition	1969
19790073153	Description of MSC/News media television interface for Apollo 8 and 9	1969
19790073154	Provision of a closed circuit television capability on-board the AAP orbital assembly	1969
19790073155	Performance of communications link between Apollo CSM and DSN 210 ft antenna at Goldstone	1969
19790073156	Effect of antenna pointing error on Early Apollo Scientific Experiments Payload /EASEP/ communications performance	1969
19790073157	Performance at lunar range of a unified S-band PM communication link between an MSFN station with an 85 ft antenna and a LM using an omni antenna	1969
19790073158	Anticipated performance of the Apollo 10 color television system	1969
19790073159	Effect of antenna pointing error on Early Apollo Scientific Experiments Payload /EASEP/ communications performance	1969
19790073160	On the alternatives for the data relay satellite system program	1969
19790073161	Performance of communications link between an MSFN /uncooled 30 foot antenna and an Apollo CSM in earth orbit	1969
19790073162	Review of voice operated devices in pre-launch communications at KSC	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073163	Voice system performance observations made at CDSC/KSC during launch of Apollo 11, 15-16 July 1969	1969
19790073164	Implementation of an Intelsat 4 terminal on the SWS /Apollo Applications-1/	1969
19790073165	A possible VHF backup communications between extravehicular astronauts on the lunar surface and the earth	1969
19790073166	Instrument unit command communications system anomalies during Apollo 10 and Apollo 11 missions	1969
19790073167	Review of AAP ICD 50M13136, AAP audio system criteria	1969
19790073168	Impact on OA I/C systems and I/C capabilities caused by deactivating the CSM during docked portions of AAP missions Case 620	1969
19790073169	Screening of line of sight to LM by craters at Apollo site 2 - Mission G	1969
19790073170	Interfaces between AAP experiments D008, S016, and S071/072 and the communications system of the AAP CSM's	1969
19790073171	Discussion of proposed changes to the communications systems of the AM and ATM in AAP	1969
19790073172	EVA communications from Surveyor 3 site on Apollo 12	1969
19790073173	Requirements for lunar surface TV for Apollo 16 and subsequent	1969
19790073174	Corona in LM communication equipment	1969
19790073175	The probability of an ALSEP accepting an erroneous command	1969
19790073176	Communications performance of possible Apollo /LM/ USB downlink configurations	1969
19790073177	Communications performance of possible Apollo /LM/ USB downlink configurations	1969
19790073178	Astronaut wire communication link during lunar explorations	1969
19790073179	Required transmitter power for ground wave radio propagation beyond the lunar horizon in the 100 kHz to MHz frequency band	1969
19790073181	Mars Mariner 71 variable surface features television experiment - Preliminary footprints for selected revolutions of the B mission orbit	1969
19790073260	Optimization of a very low capacity channel using a multi-tone frequency shift keyed detector, part 2	1969
19790073261	The effect of asymmetrical IF filtering on the envelope of an AM-RDM waveform	1969
19790073262	AAP terminal requirements using Intelsat 4 for communications relay	1969
19790073263	The use of Intelsat satellites for direct voice and data communications with manned space vehicles	1969
19790073264	Illumination and viewing conditions encountered by the 1971 Mars Mariner TV experiment	1969
19790073265	Optimization of a very low capacity channel using a multi-tone frequency shift keyed detector	1969
19790073282	Extended LM electrical power supply alternatives	1969
19790073284	Potential constraints on increasing the use of the CSM/LM electrical power interface	1969
19790073285	Analysis of AAP orbital assembly electrical power systems	1969
19790073286	Power profile generator for the AAP CSM	1969
19790073287	Analysis of the parallel operation of the AM and ATM EPS on the SWS	1969
19790073288	Electrical power system for AAP dry workshop	1969
19790073303	Effect of sun angle on LM structural heat load	1969
19790073306	Effect of thermal radiation on the propagation of plane shock waves	1969
19790073319	JPL image processing of 2 color photographs	1969
19790073320	Photography of the Apollo 9 debris coma using the Smithsonian Baker-Nunn camera system	1969
19790073321	Apollo 8 photography	1969
19790073322	Pointing accuracy of the Mariner Mars 1971 camera	1969
19790073323	Comments to the ATM Control Moment Gyro /CMG/ critical design review data package	1969
19790073324	Smithsonian photographs of Apollo 8 vented gas cloud	1969
19790073325	ML review presentation on AAP tape recorders	1969
19790073326	Photography of the ECS waste water dumps during Apollo 9	1969
19790073327	Apollo camera resolution tests	1969
19790073329	Modification of a free molecule density gage	1969
19790073330	A review of oxygen partial pressure sensors proposed for the AAP cluster	1969
19790073331	A chart to aid in lunar surface camera operation - Case 340	1969
19790073332	Apollo 10 photo debriefing - Case 340	1969
19790073333	Bootstrap photography under a no LM landing contingency on mission H-1	1969
19790073358	Apollo 8 camera calibration - Spectral effects	1969
19790073359	Application of the S065 experiment to lunar orbital colorimetry	1969
19790073361	Lunar photography - Prediction and measurement	1969
19790073362	Preliminary investigation of the use of photographic measurements of the atmospheric brightness of Mars to study the atmospheric structure	1969
19790073363	Uncertainties in photographic determination of expectable LM tilt near the crater Censorinus	1969
19790073364	Apollo 12 exploration site photography	1969
19790073365	Ultracentrifuges in earth orbit	1969
19790073381	Joint trip report - Laser atmosphere experiment and solid state high energy particle detectors	1969
19790073382	Joint trip report - Visit to BTL at Whippany to discuss laser-atmosphere experiment, and at Murray Hill to discuss solid state high energy particle detectors	1969
19790073383	Laser propagation through the atmosphere, airplane versus balloon testing	1969
19790073386	On the translational motion of a telescope elastically coupled to a spacecraft carrier	1969
19790073389	Four strategies for pressure vessel safety control	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073397	Apollo pressure vessel problems	1969
19790073398	Dynamic partitioning program	1969
19790073399	Pressure vessel safety specifications background and a proposal for improvement	1969
19790073403	Uses of manned space flight earth applications	1969
19790073413	A typical earth resources aircraft test flight	1969
19790073414	The RB-57F - NASA earth resources aircraft second design review, General Dynamics, Fort Worth, Texas, October 31, 1968	1969
19790073415	Uses of manned space flight, 1975 - 1985 earth sciences and applications	1969
19790073416	Comments on article, 'let aircraft make earthresource surveys,' by Amron Katz	1969
19790073418	Remote sensing for mineral deposits	1969
19790073419	Applications of remote sensing to exploration for offshore gold	1969
19790073454	AAP solar array effective area reduction from proposed attitude control maneuvers	1969
19790073455	CSM LH2 quantity redline negative margin on the Apollo 12 mission	1969
19790073456	Suitcase solar array system for LM payload	1969
19790073470	A computer routine for the computation of Jacchia atmospheric density	1969
19790073477	Apollo 9 wind constraints	1969
19790073478	Apollo 11 wind and weather constraints	1969
19790073480	Apollo 12 wind and weather constraints	1969
19790073481	Apollo 12 launch weather conditions	1969
19790073488	Project Tektite Behavior Observer's Handbook	1969
19790073489	Summary of NASA's participation in the Grumman/Piccard PX-15 /Ben Franklin/ Gulf Stream drift mission	1969
19790073500	Review of experiment implementation plans for medical experiments	1969
19790073504	Risk of bends during Apollo operations at 3.5 psia	1969
19790073505	Comments on the AAP experiments MO71 and MO73	1969
19790073513	A biomedical program for extended space missions	1969
19790073541	LM-A preliminary design review	1969
19790073547	Trip report - Discussion of AAP timelining at Martin Marietta Corporation/Denver division, February 5, 1969	1969
19790073549	An analysis of work/rest cycles and crew performance for various lunar environs timeline configurations	1969
19790073550	Minimizing the crew work day prior to EVA on the first lunar landing mission	1969
19790073553	DEEDIX - A program for timeline activities analysis	1969
19790073554	Advanced life support system experiment for AAP	1969
19790073555	Analysis of work/rest cycles in the lunar environs for the H1 mission	1969
19790073556	The artificial production of a respirable atmosphere on the Moon and Mars	1969
19790073557	Initial humidity buildup in the AAP cluster	1969
19790073558	Vomit removal apparatus for an EVA pressure suit - A design concept	1969
19790073559	Apollo communications-operational constraints during lunar surface activities	1969
19790073560	Some preliminary results of tradeoffs between walking and the use of mobility aids during lunar surface EVA	1969
19790073561	CSM consumables limits of an extended duration flight	1969
19790073562	Current candidates for lunar environs timelines on the G1 mission	1969
19790073564	Increasing the number of experiments planned for performance during the first AAP mission	1969
19790073565	Some design considerations for a console to evaluate the visual sampling behavior of the astronauts during long duration flights	1969
19790073567	Crew sleep cycles during the first AAP mission	1969
19790073568	Command module suit heat exchanger computation of heat loads and water condensation	1969
19790073569	Comparative analysis of life support systems for emergency return during lunar EVA	1969
19790073570	Preliminary crew time estimates for AAP-1/AAP-2 experiments	1969
19790073572	Crew size sensitivity study of a multidisciplinary earth orbital space station	1969
19790073634	UNIVAC 1108 FORTRAN 5 version of MIT conic subroutines used in Apollo guidance computer	1969
19790073635	Analysis of the Apollo entry monitor system's delta V counter	1969
19790073636	Concept for a two-dimensional analog integrator, with application to slope-to-height conversion	1969
19790073637	Evaluation of computer configurations for a space station	1969
19790073645	Tektite digital data logistics and description of data bank at Bellcomm	1969
19790073650	BGRAPH - A plotting routine for DEEDIX	1969
19790073651	CONFAC 2 summary	1969
19790073652	A discussion of the CINDA SCRPF A subroutine and related theory - Case 620	1969
19790073683	Symposium on Operations Research in Space Trip report	1969
19790073684	Trip report - AAP software review at MIT	1969
19790073685	A system contraction program /SYCO/ for structural dynamics	1969
19790073691	Trip Report - Interim Briefing, Lockheed Modular Nuclear Vehicle Study, Phase IV, at MSFC, 24 January 1969	1969
19790073692	Nuclear reactor systems for space electric power applications	1969
19790073693	Performance of a Nerva 1 third stage employing a sub-orbital start - Case 103-8	1969
19790073694	Nuclear vehicles for reusable shuttle applications - Case 105-3	1969
19790073695	Application of the LM/B and space tug propulsion module to unmanned planetary probes	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073696	Sub orbital start performance of a small nuclear stage	1969
19790073701	Nuclear stage performance estimation	1969
19790073706	Apollo 12 telephoto lens quality	1969
19790073721	A survey of automated scheduling models	1969
19790073753	Uses of manned space flight space physics research	1969
19790073755	Apollo/Saturn systems engineering Quarterly progress report, Jul. - Sep. 1969	1969
19790073770	Influence of telescope suspension and crew motion on equations of motions of space telescope carriers	1969
19790073771	The use of manned space flight for astronomy	1969
19790073773	Stars and planets visible in the LM AOT during the lunar stay time of the Apollo 12 mission	1969
19790073806	Goldstone and Parkes visibility of lunar landing sites	1969
19790073807	Proposal for a spent impact experiment	1969
19790073808	LEP post traverse location of scientific sites using CSM photography	1969
19790073809	Development status of lunar mass spectrometers	1969
19790073811	Status report of the GLEP site selection subgroup	1969
19790073812	An engineering measurement to obtain the lunar surface thermal characteristics on EASEP/ALSEP by analysis of thermometer data from the Dust, Thermal and Radiation Engineering Measurement /DTREM/ package	1969
19790073813	The search for extra-solar planets and extra-solar life	1969
19790073814	Mission analysis for lunar exploration landing sites	1969
19790073817	Some GLEP recommendations on lunar exploration sites	1969
19790073818	A study of methods for determining the location and magnitude of lunar mass concentrations	1969
19790073887	An engineering measurement to obtain the lunar surface thermal characteristics on EASEP/ALSEP by analysis of thermometer data from the Dust, Thermal and Radiation Engineering Measurement package /DTREM/	1969
19790073888	ALSEP status report	1969
19790073889	An orbiter/balloon communication and tracking system for orbiting data on the Venusian atmosphere	1969
19790073891	Characteristics of the ten lunar exploration sites	1969
19790073892	Determination of planet gravitational field using two satellites	1969
19790073893	Analysis of Lunar Orbiter 3 data utilizing two lunar potential models	1969
19790073895	Lunar exploration under earthshine illumination	1969
19790073923	Computer program abstract and write-up for SFLARE - Solar flare detection	1969
19790073928	Daytime atmospheric X-ray fluorescence and its effect on X-ray astronomy	1969
19790073933	Scientific merits of placing the galactic X-ray experiment /S-027/150/ on the lunar module for the AAP-4 mission	1969
19790073935	Accuracy of radiation measurements made on Apollo 8	1969
19790073936	Radiation projection for Apollo missions	1969
19790073937	Bellcomm orbital flux program	1969
19790073939	An approach toward the implementation of a high energy physics and cosmic ray facility in space	1969
19790074178	ALEM checkout at KSC	1969
19790074184	Saturn 5 flight manual SA 507	1969
19790074822	Apollo 8 real-time science support	1969
19790075281	Space shuttle data: Two-stage vehicle summary	1969
19790075289	The development of design principles for predicting the ignition performance of solid propellant rocket motors	1969
19790075382	The applicability of aerospace technology to firemen's life support systems	1969
19790075725	Interface between ATMDC and MCC-H	1969
19790075728	Thirteenth meeting of the AAP Mission requirements	1969
19790075783	Definition of energy costs for lunar surface EVA	1969
19790077368	Trip report: Western test range solid motor facilities discussion at McDonnell Douglas Corporation and the Aerospace Corporation, Los Angeles, California, December 12, 13, 1968	1969
19790077398	MSC-PA-D-67-13, addendum no. 1	1969
19790077907	Development of a Space Thermionic Reactor Power Plant	1969
19790079222	Final design and qualification of a hypergolic electrical power system	1969
19790080120	RMI 3Al-8V-6Cr-4Mo-4Zr titanium alloy for deep hardening applications	1969
19790080835	Structural airframe application of advanced composite materials. Volume 6: Analytical methods	1969
19790080904	Meteorological experiments for manned spacecraft, preliminary	1969
19790080925	Methods for the selection of NASA programs and projects	1969
19790084035	Atmospheric environment	1969
19790087148	Minuteman flight test report. FTM 712 /Old Faithful no. 2/, 10 Dec. 1968, LGM-30B cold/heat soak test launch no. 6 Wing 2 WS-133A /U/	1969
19790087152	The formation of X-ray induced stress waves /U/ Technical report, Apr. 1968 Mar. 1969	1969
19790087154	Nuclear weapons effects on propulsion systems. Volume 3. Survivability of post-boost propulsion systems /U/ Final report, Jun. 1967 - Apr. 1969	1969
19790087167	Nuclear weapons effects on propulsion systems. Volume 1. Data compilation and designing guidelines /U/ Final report, Jun. 1967 Apr. 1969	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087175	Airborne beacons ECCM techniques /U/ Final report, 20 Jun. 1967 - 28 Aug. 1968	1969
19790087560	Structural analysis of 540-011-100 hub and blade assembly for model 209/AH-1J helicopter, revision B	1969
19790088088	Modified optical potential method for atomic scattering	1969
19790088090	Polarized orbital method for electron atom scattering	1969
19800071188	Sert 2 flight-type thruster system performance	1969
19800071815	An inflight investigation of airframe effects on propulsion system performance at transonic speeds	1969
19800073407	The development of an integrated circuit data encoder for a particle-counting satellite experiment	1969
19800073452	Magnetospheric ducting phenomenon	1969
19800073453	IQSY data review. Ionosphere 4: The topside sounder satellite data	1969
19800073470	Note on the availability of topside sounding data	1969
19800073782	Hypersonic research engine project. Phase 2: Structures and cooling development	1969
19800074153	Engineering investigations and analyses of communications, telemetry and frequency problems related to space vehicle system instrumentation. Volume 1: Development and testing of an impulse noise suppressor for FM demodulation	1969
19800074154	Engineering investigations and analyses of communications, telemetry and frequency problems related to space vehicle systems instrumentation. Volume 2: Advanced measurement techniques for communication and telemetry receivers	1969
19800074155	Engineering investigations and analyses of communications, telemetry and frequency problems related to space vehicle systems instrumentation. Volume 3: Data source characterization study for telemetry system optimization	1969
19800075006	Design, development, fabrication and testing of high energy electromagnetic space tools, phase 1	1969
19800075007	Design, development, fabrication and testing of high energy electromagnetic space tools, phase 2	1969
19800075008	Design, development, fabrication and testing of high energy electromagnetic space tools, phase 5	1969
19800075009	Design, development, fabrication and testing of high energy electromagnetic space tools, phase 6	1969
19800075010	Design, development, fabrication and testing of high energy electromagnetic space tools, phase 7	1969
19800077560	Investigation of the fracture toughness of aluminum alloys for 155 mm XM483 shell bases	1969
19800077613	Ionization suppression in high-temperature low-pressure plasmas by electrophilic vapors and sprays	1969
19800077688	CH-47C equations of motion and simulation data February 1969, appendixes A and B	1969
19800079186	Verification of aft center of gravity limits of the F-4J airplane	1969
19810071407	Space astronomy at the cross roads	1969
19810072688	Facilities for Atmospheric Research, No. 11, December 1969	1969
19820070237	Photoelectric observations of meteors to 6.4 magnitude	1969
19820070945	The use of diagnostic failure detection to improve reliability in digital systems	1969
19820075372	Results and analysis of pressure measurements on two isolated slender wings and slender wing-body combinations at supersonic speeds. Volume 2: Results	1969
19830071643	Analysis of BATEAM efforts for NASA	1969
19830073998	Theoretical study of the radiative emissivity of materials	1969
19830075709	Atmospheric exploration by remote probes. Volume 1: Summary and recommendations	1969
19830079306	Air Force Foreign Technology Bulletin (U)	1969
19830079808	The ultraviolet spectrum and reactions of the HO ₂ -radical during the thermal decomposition of H ₂ O ₂	1969
19830083310	Infrared radiant background studies (U)	1969
19830083315	Notes on Nimbus 3 talk (U)	1969
19830083316	The effect of earthshine on the target signature of midcourse vehicles (U)	1969
19830083317	Low temperature blackbody source (U)	1969
19830083703	Measurements which can be carried out, using a color-spot photometer	1969
19830083790	A study of foreign particle ingestion for a 747 type inlet	1969
19830084704	Potential applications of certain NASA research results. 1: Human transfer functions	1969
19840067156	Process techniques study of integrated circuits	1969
19840067158	Process techniques study of integrated circuits	1969
19840069234	Introduction to orbital mechanics and rendezvous techniques, text 1	1969
19840070800	Development of equivalent 1-dimensional acoustic force spectra by impedance measurement techniques	1969
19840072481	Rotating and positive displacement pumps for low thrust rocket engines	1969
19840072482	Rotating and positive displacement pumps for low thrust rocket engines	1969
19840072483	Rotating and positive displacement pumps for low thrust rocket engines	1969
19840072484	Rotating and positive displacement pumps for low thrust rocket engines	1969
19840072486	Rotating and positive displacement pumps for low thrust rocket engines	1969
19840072487	Rotating and positive displacement pumps for low thrust rocket engines	1969
19840076257	Combat Atlas (U)	1969
19850068340	Modularized flight dynamics simulation (boost phase)	1969
19850069282	Integral launch and reentry vehicle system	1969
19850070837	Computer-Aided Design of Power Systems Using Energy Storage	1969
19850077837	Acoustic evaluation of Boardman test site	1969
19860066765	Saturn S-II Transportation Manual	1969
19860070516	AEROTIP: An advanced transpiration-cooled reentry vehicle nose tip	1969
19860073884	Supersonic transport flutter SAS conceptual study results	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19870067405	Calculation of the radiation hazard at supersonic aircraft altitudes produced by an energetic solar flare	1969
19880069005	Performance and characteristics of the Cassiopee System	1969
19880069014	Process for the production of melts for the generation of propellants	1969
19880069063	Automata and man	1969
19880069143	Glossary of terms commonly used for guidance and control in aircraft landing systems	1969
19890068142	Investigation of stress corrosion cracking of titanium alloys	1969
19890068574	A method of integral relations solution for radiating, nonadiabatic, inviscid flow over a blunt body	1969
19900066167	Hypersonic cruise vehicle wing structure evaluation	1969
19900066485	Saturn 5 launch vehicle flight evaluation report: AS-506 Apollo 11 mission	1969
19900066586	Design techniques for miniaturized spacecraft high voltage power supplies	1969
19900066696	Triggering theory as a defense to claim for vibration and sonic boom damage	1969
19900066698	Human research	1969
19900066699	Turing's problem solved	1969
19900066702	The Space Radiation Effects Laboratory	1969
19900066704	Syntactic rules for formal logic	1969
19900066705	Bureaucracy and the urban poor	1969
19900066707	Project Management at Houston	1969
19900066708	Project Management: A new dimension in complex task management	1969
19900066709	Liability of contractors and indemnification thereof by NASA for claims for damages arising out of the performance of NASA contracts	1969
19900066710	Project management as a transferable management system	1969
19900066712	Project management and the organization, part 1	1969
19900066714	Temptations of the Flesch	1969
19900066715	Correcting word frequencies to take account of range	1969
19900066717	Search, transfer and dissemination of technological information in the Visual Communication Product Department of the General Electric Company	1969
19900066718	Regulations in space	1969
19900066719	Tort liability of the Federal government	1969
19900066798	NASA and the Apollo program	1969
19900066799	The NASA scheduling system: Scheduling in the Apollo program, part 1	1969
19900066800	The NASA scheduling system: Scheduling in project management, part 2	1969
19900066812	Tables of plane galactic orbits with spiral field	1969
19900066869	Federal authority to investigate aircraft accidents	1969
19900066899	Project management and the organization, part 2	1969
19900066902	Clearing the SMOG	1969
19900067467	Results of the fifth Saturn 1B launch vehicle test flight AS-205 (Apollo 7 mission)	1969
19900068172	Finite plastic strain analysis by finite element methods: Single-element model	1969
19900068173	The ORTHOSAFE System	1969
19910072593	Continuum radio emission in intense magnetic fields (electron bremsstrahlung)	1969
19910072606	Index to NASA news releases and speeches: 1968 supplement	1969
19910072616	Rotating stars	1969
19910072847	Quantized synchrotron radiation. Optical emission of pulsars	1969
19910072974	Longitudinal electrical conductivity of a relativistic gas in intense magnetic field	1969
19910073038	Summer institute in space physics, 1969	1969
19910073561	Study of the deposition of single crystal silicon, silicon dioxide and silicon nitride on cold-substrate silicon	1969
19910077406	NASA Program Apollo Working Paper. Analysis: Optimized Land-Landing Sites	1969
19920075298	Apollo/Saturn 5 postflight trajectory: AS-503	1969
19920075301	Apollo/Saturn 5 postflight trajectory: AS-506	1969
19920075482	Flight-measured heat transfer and skin friction at a Mach number of 5.25 and at low wall temperatures	1969
19920075483	Heat-transfer measurements obtained on the X-15 airplane including correlations with wind-tunnel results	1969
19920078489	The 400K thrust high pressure reusable rocket engine preliminary design	1969
19930074158	Minutes of the Ninth Meeting of NASA Research and Technology Advisory Panel on Materials for Aircraft Engines	1969
19930074277	Viking baseline orbiter conceptual design description. Addendum	1969
19930074339	An optimal strategy for topological analysis of general networks by computer	1969
19930074518	The weldability of refractory metal alloys	1969
19930078696	Aerospace systems and mission analysis research: An analytic study of multi-burn space trajectories	1969
19930078710	Minutes of tenth meeting of NASA Research and Technology Advisory Panel on materials for aircraft engines	1969
19930078715	Preliminary story of NASA. Volume 2: Supplement	1969
19930078723	Apollo 9 photographic plotting and indexing report (including aircraft underflights)	1969
19930078730	Preliminary history of NASA, 1963-1969	1969
19930078736	NASA planning and decision making, volume 1	1969
19930078740	Viking project: Mars engineering model	1969
19940005532	Computer simulation of rarefied plasmas	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19950002810	Apollo 10 Photography Index (70-mm and 16-mm Frame Index)	1969
19950002811	Apollo 12 Photography Index (70mm and 16mm)	1969
19950002812	Apollo 11 Photography Index (70mm and 16mm)	1969
19960015662	A Study of the Electrotransport in Thin Films	1969
19960025678	Regional Technical Conference on Today's Thermosetting Plastics Held in Manhattan Beach, California on 4 March 1969	1969
19960025680	Regional Technical Conference on Coloring of Plastics 4	1969
19960025898	Regional Technical Conference on Plastics Powders 3	1969
19960029287	Investigation of Properties of S-4597 Laminated Polyamide-Imide Sheet Material	1969
19970012918	Relationships Between Hyperuricemia and Gout, Hereditary and Behavior Factors: Special Emphasis on Role of Acute and Chronic Physical Exercise	1969
19970023800	Elevated Serum Uric Acid Concentration in College Athletes: A Preliminary Study	1969
20000094435	Contributions of Ames' Research Scientists to the Aerospace Literature in 1969	1969
20020022640	Computed and Experimental Performance of a High-Output Single Cylinder Diesel Engine	1969
20030073531	Quarterly Progress Report 1 January 1969 through 31 March 1969 to Naval Electronic Systems Command	1969
20050157901	Space Transportation Systems (STS) Study	1969
20050157918	Analysis and Definition of Potential Configuration Concepts	1969
20050158689	Preliminary Tradeoffs and Requirements for Boost, Maneuver, and Reaction Control Propulsion Systems: Integral Launch and Reentry Systems (ILRV)	1969
20050158695	Space Transportation System (STS) Study: Final Briefing	1969
20050158784	Space Transportation System	1969
20050160242	Space Transport and Recovery System	1969
20050187002	Apollo 11 Technical Crew Debriefing	1969
20050187003	Apollo 11 Technical Crew Debriefing	1969
20050216561	Advanced Fire Bomb Study. Special Study	1969
20050216571	Proposed Advanced Development Program, Advanced Aerial Targets Technology. Development Plan	1969
20050229366	INTELSAT-III F3 Launch; Communications Satellite Corporation	1969
20050229820	ATS-V Post Launch Report No. 1, No. 2, No. 3	1969
20050229938	Nimbus III Mission Post Launch Report No. 1	1969
20050229980	Pioneer E Flight Mission	1969
20050230369	TIROS-M Mission Operation Report	1969
20050230734	INTELSAT-III F-4 Post-Launch Report 1	1969
20050230735	INTELSAT III F-4	1969
20050232765	IDCSP/A (Skynet) Post Launch Report No. 1	1969
20050234601	Orbiting Geophysical Observatory (OGO) Project	1969
20050236223	International Satellite for Ionospheric Studies (ISIS-A)	1969
20050236261	INTELSAT-III F-3 Post Launch Report 1	1969
20050236404	ESRO-IB Project Pre-Launch Mission Operation Report	1969
20050236517	Orbiting Solar Observatory (OSO-F)	1969
20050236518	Orbiting Solar Observatory-G (OSO-G)	1969
20050238446	Pre-Launch Mission Operation Report: Applications Technology Satellite-E (ATS-E)	1969
20050240828	Mariner Mars 69 Flight Missions	1969
20050240830	German Research Satellite GRS-A (AZUR) (NASA Cooperative Project)	1969
20060051491	Index to NASA Tech Briefs: January - June 1969	1969
20070030233	Transport Processes in Magneto-Solid-Mechanics-Adiabatic Conditions	1969
20070030930	Infinitely Segmented Electrode Magnetothermoelectric Devices - Adiabatic Effects	1969
20070031568	Guidance System Operations Plan For Manned LM Earth Orbital Missions Using Program Sundance (Rev. 306) Section 2 Data Links (Rev. 3)	1969
20080002318	Bellcomm, Inc.	1969
20080002320	Bellcomm, Inc. Quarterly Progress Report: January, February, March 1969	1969
20080002325	Bellcomm, Inc. Quarterly Progress Report: April, May, June 1969	1969
20080002330	Bellcomm Quarterly Progress Report: July, August, September 1969	1969
20080014087	Lunar Observations Verifier Editor User's Guide: Revision 3	1969
20080014149	Lunar Observations Verifier Editor User's Guide: Change 1	1969
20080014798	Lunar Observations Verifier Editor User's Guide: Revision 2, Update 1	1969
20080015909	User's Guide: SOCDES	1969
20080022427	Zero Gravity Evaluation of a Hydrophobic/Hydrophilic Water Separator	1969
20080023862	On Neutralization of the Cytopathic Action of Pathogenic Bacteria in Cell Cultures Using Immune Sera	1969
20080023863	Examination of B. anthracis Antigens in the Gel Precipitation Reaction with Anthrax Precipitating Serum and Globulin of Therapeutic Serum	1969
20090006780	Planetary Quarantine Provisions for Unmanned Planetary Missions	1969
20090009959	Coating Requirements for High-Temperature Structures in Hypersonic Vehicles	1969
20090009980	Mariner IV and OGO III: Recent Measurement of Picogram Dust Particle Flux in Interplanetary and Cislunar Space	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20090009998	Thermal Performance Evaluation of the McDonnell 39-inch, Single-Wall, Externally Insulated Cryogenic Storage System	1969
20090010041	Collection of Papers Presented at the Space Shuttle Symposium	1969
20090010436	Bellcomm, Inc. Quarterly Progress Report: October, November, December 1968	1969
20090011025	Apollo Program: Quarterly Weight and Performance Report, April 1969 through June 1969	1969
20090011026	Apollo Program: Quarterly Weight and Performance Report, July 1969 through September 1969	1969
20090011048	Space Flight Handbooks: Volume III. Planetary Flight Handbook: Part 7 - Direct Trajectories to Jupiter, Saturn, Uranus and Neptune. Supplement B. Tabular Trajectory Data for Direct Trajectories to Uranus and Neptune	1969
20090011062	Apollo Program: Quarterly Weight and Performance Report	1969
20090011065	Apollo Program: Weight and Performance Report	1969
20090011070	Apollo Program: Weight and Performance Summary	1969
20090011177	Apollo Program: Weight and Performance Summary, August 1969	1969
20090011180	Apollo Program: Weight and Performance Summary, April 1969	1969
20090011181	Apollo Program: Weight and Performance Summary, October 1969	1969
20090011848	Project Apollo: Preliminary Design of Jet Selection Process for RCS DAP Control of the CSM-OWS AAP Cluster Configuration. Internal Note	1969
20090011895	Apollo 7 Mission Report: Trajectory Reconstruction and Analysis	1969
20090013104	Apollo Operations Handbook: Lunar Module; LM and Subsequent	1969
20090013210	Welded Modules for Electronic Assemblies	1969
20090013284	Prediction of Interface Transient/Random Dynamical Environments through the use of Mechanical Impedance Concepts	1969
20090013381	Analytic Study of Some Factors Affecting Trim Drag	1969
20090013382	Flow-Field Properties Near a Fighter-Forebody Model at a Mach Number of 2.20	1969
20090013383	Conformal Coating and Potting of Electrical and Electronic Assemblies	1969
20090017315	Background Information: National Aeronautics and Space Administration/Apollo Program	1969
20090018007	Experiment General Specification for Hardware Development	1969
20090019569	Apollo Engineering and Technology Index. Volume 1 - Corporate Author Index	1969
20090024834	Airport and Community Noise of the SST	1969
20100039440	Detailed Test Objectives for Long Tank Delta (Six Solids-Retrofit) Launch Vehicle, Spacecraft: TIROS-M	1969
20110000500	Study of Low-Density Fire-Retardant Materials	1969
20110001384	A Computer Program For Determination Of Radiation Interchange Factors - RADFAC	1969
20110004162	A Numerical Least-Square Method for Resolving Complex Pulse Height Spectra	1969
20110008305	One-Year Study to Improve Methods of Processing Scatterometer Data	1969
20110008542	LM-1 DPS Valve Phasing Anomaly Investigation	1969
20110013672	Apollo Guidance System Operations Plan for Manned CM Earth Orbital and Lunar Missions using Program COLOSSUS 2C - (Comanche, Rev. 67); Section 2; Data Links (Rev. 7)	1969
20110020476	Apollo 8 Mission (AS-503) Post Launch Report No. 1	1969
20110020477	Apollo 9 Mission (AS-504)	1969
20110020480	Apollo 9 Mission (AS-504)	1969
20110020482	Apollo 9 (AS-504) Mission, Post Launch	1969
20110020483	Apollo 10 Mission (AS-505) Post Launch Mission Operation Report No. 1	1969
20110020485	Apollo 10 Mission (AS-505)	1969
20110020486	Apollo 11 Mission (AS-506) Post Launch Mission Operation Report No. 1	1969
20110020487	Apollo 12 (AS-507)	1969
20110020488	Apollo 11 Mission (AS-506)	1969
20110020490	Apollo Supplement	1969
20110020492	Apollo 12 Mission (AS-507) Post Launch Mission Operation Report No. 1	1969
20110020569	Apollo 9 Mission (AS-504) Post Launch Report No. 1	1969
20110020570	Apollo 10 Mission (AS-505) Postlaunch Mission Operation Report No. 2	1969
20110020676	Nimbus B2 Meteorological Satellite Project: Prelaunch	1969
20110020678	Nimbus III Mission Post Launch Report No. 2	1969
20110020697	Nimbus II Mission Post Launch Report No. 3	1969
20110020718	TIROS Operational Satellite (TOS-G)	1969
20110020730	Apollo Spacecraft	1969
20120000067	Scrubber System Design Study	1969
20120015438	Project Apollo: Recommended Entry Monitoring and Backup Control Procedures for Apollo 11 (Mission G)	1969
20120016314	The International System of Units: Physical Constants and Conversion Factors (Revised)	1969
20120016642	Membrane-like Properties in Microsystems Assembled from Synthetic Protein-like Polymer	1969
20130009852	Apollo 9 Entry Postflight Analysis	1969
20130009854	Apollo 10 Entry Postflight Analysis	1969
20130013772	Stability Characterization of Advanced Injectors	1969
20130013933	Chamber Technology for Space Storable Propellants	1969
20130014015	Saturn V System Definition. Volume 2	1969
20130014023	Apollo/Saturn V Launch Complex Assessment Report: Apollo 9	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20130014024	OAQ/ESP Computer Ground System (Rev 2)	1969
20130014051	Guidance System Operations Plan for Manned CM Earth Orbital and Lunar Missions Using Program COLOSSUS 2D (Comanche, Rev. 72). Section 2: Data Links (Rev. 8)	1969
20130014095	Data Cost Estimating and Analysis Standard	1969
20130014099	Sterilizability Status Sheets	1969
20130014211	Cardiovascular Adaptation During Long-term Weightlessness	1969
20130014418	Investigation of Pump Transfer Frequencies from Auxiliary Power to Alternator Power During Startup of the SNAP-8 System	1969
20130014913	Propulsive Re-Entry Aerodynamics (Rocket Plume in Counterflow)	1969
20150009548	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures	1969
20150009717	Contamination Control and Sterilization in Space Programs	1969
20150009718	Biostatistics and Space Exploration: Microbiology and Sterilization	1969
20150009729	Bioscience "Capsule": Planetary Quarantine Progress	1969
20150009978	Quarterly Status Report from 1 February to 1 May 1969	1969
20150009979	Quarterly Status Report from 1 May to 1 August 1969	1969
20150009981	Quarterly Status Report from 1 August 1969 to 1 November 1969	1969
20150009982	Tenth Monthly Status Report for the period 1 June 1969 - 30 June 1969	1969
20150009983	Status Report for the period 23 November 1969 - 23 December 1969	1969
20150009984	Ninth Monthly Status Report for the Period 23 December 1968 - 23 January 1969	1969
20150009985	Eleventh Monthly Status Report for the Period 23 February 1969 - 23 March 1969	1969
20150009986	Bacterial Response to the Soil Environment	1969
20150009987	Twelfth Monthly Status Report	1969
20150009988	[Procedures for Implementing the Lunar Organic Material Inventory]	1969
20150009997	Soil Moisture, Relative Humidity, and Microbial Abundance in Dry Valleys of Southern Victoria Land	1969
20150010005	Thermoradiation as a Means of Bacterial Sterilization	1969
20150010006	Apollo and Contamination Control: NASA's Role	1969
20150010007	Apollo and Contamination Control: Rocketdyne's Role	1969
20150010018	Ecology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components	1969
20150010023	Reduction of Microbiological Shedding in Clean Rooms	1969
20150010030	Life in Extraterrestrial Environments	1969
20150010050	Quarterly Status Report from 1 November 1968 to 1 February 1969 on NASA Contract R-35	1969
20150010051	Tenth Monthly Status Report, Contract NASw-1734, for the Period 23 January 1969 - 23 February 1969	1969
20150010057	Vaporized Formaldehyde Treatment of A Textile Mill Contaminated with Bacillus Anthracis	1969
20150010061	Dry Heat Destruction Rates for Microorganisms on Open Surfaces, in Mated Surface Areas and Encapsulated in Solids of Spacecraft Hardware	1969
20150010081	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures	1969
20150010269	Antarctic Dry Valley Soil Microbial Incubation and Gas Composition	1969
20150010299	Microbial Contamination Control After Terminal Sterilization	1969
20150010301	Traditional Concepts for Contamination Control	1969
20150010307	Traditional Concepts for Contamination Control	1969
20150010309	Seventh Monthly Status Report, for the Period 1 March 1969 - 31 March 1969	1969
20150010310	Sixth Monthly Status Report, for the Period 1 February 1969 - 28 February 1969	1969
20150010312	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures, Monthly Progress Report, September 1969	1969
20150010455	Report on Phoenix Trip - February 27 and 28, 1969	1969
20150010457	Mathematical Models for Contamination and Pollution Prediction	1969
20150010468	JPL Planetary Quarantine Presentations	1969
20150010471	Ninth Monthly Status Report for the Period 1 May 1969 - 31 May 1969	1969
20150010472	Eighth Monthly Status Report for the Period 1 April 1969 - 30 April 1969	1969
20150010474	Spacecraft Component Survivability During Entry into the Martian Atmosphere	1969
20150010478	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures	1969
20150010479	Space Biology and Medicine	1969
20150010487	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures	1969
20150010502	Investigation of Methods for the Sterilization of Potting Compounds and Mated Surfaces: Status Report	1969
20150010503	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures	1969
20150010558	First Status Report	1969
20150010574	Back Contamination and Quarantine Containment Requirements for Manned Lunar Missions	1969
20150010575	Extraterrestrial Exposure	1969
20150010578	Experimental Heat Chamber for Sterilization of Large Interplanetary Structures	1969
20150010660	Survival of Microbial Spores Under Several Temperature and Humidity Conditions	1969
20150010664	Continuation of the Development of a Typical Mars Landing Capsule Sterilization Container	1969
20150012577	Aerospace Tanks	1969
20150012626	A Chronology on Science, Technology, and Policy	1969
20150012761	A Model of and Problems Encountered in a Metropolitan Police Department	1969
20150013129	Investigation of Extendable Nozzle Concepts	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150014153	Summaries of Progress in Supporting Research and Technology: Volume 5	1969
20150014154	Delta-59 Intelsat III-A Final Field Report	1969
20150014465	Semi-Annual Report Phase IIA: Isotope Thermionic Module Development Program	1969
20150015538	Hydrogen-Fluorine Engine Evaluation	1969
20150015554	Preliminary Investigation of the Strength Properties of Nylon Parachute Material After Exposure to a Vacuum and Subsequent Conditions of Humidity	1969
20150021142	What Smoke Can Do to Your Body	1969
20160000913	Home Fire Alarm Test	1969
20160000918	Radiation from Flames in Gas Turbines and Rocket Engines	1969
20160000919	Development of Polyurethane as Thermal Protection Systems for Controlling Fuel Fires in Aircraft Structures	1969
20160000920	A Survey of American Fire Apparatus	1969
20160001061	[The Space Vehicle Sterilization Problem]	1969
20160001080	Minutes. Interagency Committee on Back Contamination	1969
20160001090	Summary of Lunar Quarantine Biotest Protocols: Revision B	1969
20160003654	PA-1 Test Report: Ascent Propulsion System Series 7B Summary Fire-In-The-Hole and Engine Start Tests	1969
20160003656	Apollo Applications Program GFE Experiment Equipment Resupply, and Return Payload, Performance and Interface Specification (AAP - CSM)	1969
20160003657	Apollo Applications Program Mockup and Simulator Plan	1969
20160003658	Apollo Lunar Module Descent Engine Ablative Chamber-Injector Compatibility Improvement Study	1969
20160003659	Apollo Lunar Module Descent Engine Ablative Chamber-Injector Compatibility Improvement Study: Phase III - Prototype Chamber Test Plan	1969
20160003660	Apollo Lunar Module Descent Engine Ablative Chamber - Injector Compatibility Improvement Study	1969
20160003661	Apollo Lunar Module Descent Engine Ablative Chamber-Injector Compatibility Improvement Study	1969
20160003767	Ascent Propulsion System Test Report PA-1 Series 13 Worst Case Malfunction Operation	1969
20160003768	Ascent Propulsion System Test Report PA-1 Series 13 Worst-Case Malfunction Operation	1969
20160003773	Apollo Spacecraft Systems Analysis Program: LM LR FMES Error Model Verification	1969
20160003796	Ninety-Day Propellant Compatibility Test, CSM Reaction Control System ATR 312015 Supplier Evaluation Reports	1969
20160003799	Evaluation Of Apollo CSM Air Transportation Vibration	1969
20160003806	Analysis of Communications System Capabilities for MCC Communications Support	1969
20160003808	Acceptance Test Specification Individual Test for Multipoint Temperature Recorder Console	1969
20160003809	Acceptance Test Specification: Individual Test for Recording Voltmeter Console	1969
20160003810	Acceptance Test Specification Individual Test for Oscillograph-Recorder	1969
20160003816	Acceptance Test Specification Individual Test for High Vacuum Maintenance Unit	1969
20160003819	Acceptance Test Specification Individual Test for Flowmeter Cart	1969
20160003820	Acceptance Test Specification Individual Test for Checkout Test Unit, Supercritical Helium	1969
20160003832	Acceptance Test Specification Individual Test for Waste Management System Leak Test Unit	1969
20160003843	Acceptance Test Specification Individual Test for Simulator Inverter	1969
20160003934	Acceptance Test Specification Individual Test for Water Glycol Monitoring Console	1969
20160003935	Acceptance Test Specification Individual Test for Maintenance, Test Station Displays and Controls	1969
20160003939	Acceptance Test Specification Individual Test for Radar Maintenance and Checkout Test Station	1969
20160003940	Acceptance Test Specification Individual Test for RF Patch Panel Rack	1969
20160003942	Acceptance Test Specification Individual Test for Adapter Unit, Simulation	1969
20160003947	Acceptance Test Specification Individual Test for Station, Base Controller, Super Critical	1969
20160003949	Acceptance Test Specification Individual Test for Explosive Devices Subsystem, Test Set	1969
20160003954	Functional Acceptance Test Specification Cold Plate Fin Assembly Lunar Module	1969
20160003984	Report of Docking Structure Tests of LTA-3	1969
20160003986	Results of Impulse Testing of LTA-3 Phase IB	1969
20160003994	Results of the Environmental Qualification of the Knob Assembly LSC 355-500-1: Certification Test Requirements LCQ-355-006	1969
20160003996	Qualification Test Report for the ECS Relay Box: Certification Test Requirement LCQ 330-100 LDW 390-55151-1 LM-5 and Subs	1969
20160004002	Test Report for the Qualification of the LM Guidance Computer Repair Module Certification Test No. LCQ355-010	1969
20160004010	Results of the Qualification Test of LM-3 Interstage Disconnects	1969
20160004012	Results of the Evaluation of Aging Effects on EPON 919	1969
20160004013	Results of LM APS Fuel/Oxidizer Line-Torus Bracket Weld Repair and Redesign Tests Certification Test Requirement - LCQ-520-004	1969
20160004014	Results of the Panel Assembly Ascent Stage Aft Equipment Bay Thermal Shield Lower Fith Structural Test - LCQ-280-033 (Ctr)	1969
20160004015	Results for the Structural Test of the A/S (-Y) Torus and Propulsion Tank Fittings	1969
20160004016	Results for the Ascent Stage Mid-Section Base Heat Shield Structural Test	1969
20160004018	Results of Test Report for E. T. Guillotine/Interstage Umbilical Compatibility Test Certification Test Requirement LCQ 320-035	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160004024	LM-7 Actual Weight Report	1969
20160004108	Propellant Tank Assembly Weldment Descent Stage Design Control Specification	1969
20160004110	Acquisition of Liquid Samples Procedures For	1969
20160004123	Test Readiness Review (TRR) Report for Lunar Module No. 2 (LM-2) Landing Simulation	1969
20160004130	End Item Calibration Specification Console, Multipoint Temperature Recorder LDW-450-9366	1969
20160004131	End Item Calibration Specification Oscillograph Recorder LDW 450-9364	1969
20160004137	End Item Calibration Specification Checkout Cart, Propulsion System	1969
20160004138	End Item Calibration Specification Propellant System Test Gauge Unit LDW 430-6201	1969
20160004139	End Item Calibration Specification Descent Engine Simulator LDW-430-6150	1969
20160004142	End Item Calibration Specification H2O, GL, Portable Fill Unit	1969
20160004147	End Item Calibration Specification Mechanical Canned Man	1969
20160004148	End Item Calibration Specification Cabin and Tunnel Pressure Supply Unit LDW 430-5041	1969
20160004149	End Item Calibration Specification Cooling Unit, Landing Radar LDW 430-31220	1969
20160004150	End Item Calibration Specification Fluid Distribution System GCRM	1969
20160004151	End Item Calibration Specification RCS Tankage Module Tester LDW-430-1360	1969
20160004154	End Item Calibration Specification Kit, Docking Target Alignment	1969
20160004155	End Item Calibration Specification Transporter, Descent Stage	1969
20160004156	End Item Calibration Specification Alignment Gauge, Navigation Base	1969
20160004157	End Item Calibration Specification Transporter, Ascent Stage	1969
20160004159	End Item Calibration Specification Battery and Charger Assembly	1969
20160004161	End Item Calibration Specification Simulator, Auxiliary Switching Relay Box	1969
20160004165	End Item Calibration Specification Test Chassis Panel II LSW-410-8181	1969
20160004166	End Item Calibration Specification Interface Unit EPS	1969
20160004167	End Item Calibration Specification General Purpose Inverter Monitor LDW-410-80031	1969
20160004168	End Item Calibration Specification Thermocouple Controller, Indicating LDW-410-51301	1969
20160004171	End Item Calibration Specification Test Station, Antenna Maintenance LSC410-32440	1969
20160004173	End Item Calibration Specification Rendezvous Radar EMI-Pilot Test Rack LDW-410-32340	1969
20160004174	End Item Calibration Specification Test Station Communication T/S Maintenance LDW410-32280	1969
20160004528	Guidance Analysis Program User's Manual	1969
20160004543	Lunar Module Interstage Nut and Bolt Evaluation	1969
20160004545	Apollo Fuel Cell Condenser Exit Temperature Cycling Test	1969
20160004548	Final Thermodynamics Report TM-9 RCS Plume Simulation Test	1969
20160004587	Flight Operations Plan Mission G-1	1969
20160004606	Unmanned - 6 PLSS Verification Test Procedure for Apollo Missions PLSS S/N 00024	1969
20160004607	Manned Thermal Blanket Test	1969
20160004608	Manned Apollo Thermal Blanket Evaluation Test Procedure	1969
20160004614	AAP Astronaut Briefing (D&C) Downey, California	1969
20160004615	Acceptance Test Data for ATCA (Model) 027	1969
20160004623	PA-1 Test Report Ascent Propulsion System Series 7B - Fire in the Hole Data Addendum	1969
20160004630	Apollo CSM Logistics Training: Study Material for Crew Equipment Course	1969
20160004642	LMDE Modified Chamber Contour Test Results	1969
20160004643	LMDE Qual B Baseline Thermal Environment Characterization	1969
20160004645	Apollo Launch Escape Motor Igniter: Results of Verification Test Program	1969
20160004710	Fire Protection During Construction	1969
20160004731	The Fire Propagation Test and Building Regulations	1969
20160009387	Lunar Observations Verifier Editor User's Guide	1969
20160012407	Summary Report of Recoverable Versus Expendable Booster Space Shuttle Studies	1969
20160012409	Integrated Space Program - 1970-1990	1969
20160012422	Apollo 9 Technical Air-to-Ground Voice Transcription (GOSS NET 1)	1969
20160012423	Apollo 9 Crew Technical Debriefing: AS 504/CSM 104/LM-3	1969
20160012446	Apollo Applications Program Mockup and Simulator Plan	1969
20160012449	Apollo Applications Program	1969
20160012450	Apollo Applications Logistics Requirements	1969
20160012451	Apollo Applications Configuration Management Requirements	1969
20160012611	NASA Space Shuttle Task Group Report Volume I Missions	1969
20160013567	Views from the Spacecraft During Apollo 10 (Mission F)	1969
20160013569	Universal Lunar Module Systems Handbook: LM-4 and Subsequent Vehicles	1969
20160013570	Delta 62 Final Flight Report Tiros Operational Satellite (TOS-F)	1969
20160013582	Apollo Mission Techniques Mission G Lunar Orbit Activities	1969
20160013583	Apollo Mission Techniques: Mission G Manual Ascent	1969
20160013584	Apollo Mission Techniques Mission G Lunar Surface Phase Revision A	1969
20160013585	Apollo Mission Techniques Mission G: Abort from Lunar Powered Descent	1969
20160013586	Apollo Mission Techniques: Missions F and G Contingency Procedures	1969
20160013592	Saturn V Aerothermodynamics Flight Evaluation Summary - AS-501 through AS-503	1969
20160013601	Recovery Requirements Apollo 12	1969

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160013602	Recovery Requirements Apollo 11	1969
20160013603	Recovery Requirements Apollo 10	1969
20160013604	Recovery Requirements Apollo 9	1969
20160013613	Project Apollo 11 (AS-S06) Mission	1969
20160013749	Photo and TV Operations Plan for Apollo 9	1969
20160013751	Orientation Study Guide Lunar Module	1969
20160013753	Operations Directive No. 40,000, Apollo-Saturn V Apollo 9 Launch	1969
20160013761	Apollo Mission Techniques Missions F and G Lunar Orbit Activities	1969
20160013762	Apollo Mission Techniques: Missions F and G Transearth Injection Midcourse Corrections and Entry	1969
20160013765	Mission Requirements H-2 Type Mission	1969
20160013766	Mission Requirements SA-507/CSM-108/LM-6 H-1 Type Mission: Lunar Landing	1969
20160013767	Mission Requirements SA-506/CSM-107/LM-5 G Type Mission Lunar Landing	1969
20160013773	Mission Implementation Plan for the Apollo H-1 Mission (ALSEP Apollo Lunar Landing Mission)	1969
20160013774	Mission Implementation Plan for the Apollo "F" Mission: Lunar Mission Development	1969
20160013789	Lunar Landing Training Vehicle No. 1 Accident Investigation Board Report	1969
20160013824	Final Flight Mission Rules: Apollo 11 (AS-506/107/LM-5)	1969
20160013826	Apollo 10 AS-505/CSM-106/LM-4 Final Flight Plan	1969
20160014373	Apollo 12 Technical Air-to-Ground Voice Transcription	1969
20160014374	Apollo 12 Spacecraft Commentary	1969
20160014375	Apollo 12 Lunar Module (LM) Onboard Voice Transcription	1969
20160014377	Apollo 11 Spacecraft Commentary	1969
20160014378	Apollo 11 Onboard Voice Transcription	1969
20160014380	Apollo 10: Technical Air-to-Ground Voice Transcription (Goss Net 1)	1969
20160014381	Apollo 10 Mission Commentary	1969
20160014382	Apollo 10 Lunar Module (LM) Onboard Voice Transcription (U)	1969
20160014383	Apollo 10 Onboard Voice Transcription Recorded on the Command Module Onboard Recorder Data Storage Equipment (DSE)	1969
20160014384	Apollo 9 Mission Commentary	1969
20160014385	Apollo 9 Onboard Voice Transcription (U) : Recorded on the Lunar Module Onboard Recorder Data Storage Equipment Assembly (DSEA)	1969
20160014386	Apollo 9 Onboard Voice Transcription: Recorded on the Command Module Onboard Recorder Data Storage Equipment (DSE)	1969
20160014387	Apollo 9 Onboard Voice Transcription: Recorded on the Command Module Onboard Recorder Data Storage Equipment (DSE)	1969
20160014403	Apollo Mission Techniques: Mission F and G Earth Parking Orbit and Translunar Injection	1969
20160014421	Apollo 12 Apollo AS-507/CSM-108/LM-6 Final Flight Plan	1969
20160014422	Project Apollo: Apollo 9 Mission Report	1969
20160014423	Apollo 9 Mission Report Supplement 10: Analysis of Inflight Dynamics Test (Stroking Test)	1969
20160014424	Apollo 9 Mission Report Supplement 1: Trajectory Reconstruction and Postflight Analysis	1969
20160014425	Final: Apollo 9 Flight Plan AS-504/CSM-104/LM-3	1969
20160014426	Apollo 8 Technical Debriefing	1969
20160014428	Apollo 8 Mission Report Supplement 7: Entry Postflight Analysis	1969
20160014440	Apollo 11 Photography Index: 70mm and 16 mm	1969
20160014441	Apollo 10 Technical Crew Debriefing	1969
20160014753	High Chamber Pressure Rocket Engine Experience	1969
20160014754	NASA Advanced Planning Presentation	1969
20160014755	Aerospike Propulsion System for the Space Shuttle	1969
20160014784	MSC Supplementary Quality Requirements: Apollo Applications Program	1969
20160014863	Apollo 10 Technical Air-To-Ground Voice Transcription (GOSS NET 1)	1969
20170000910	Apollo Mission Techniques Mission G Earth Parking Orbit and Translunar Injection	1969
20170000911	Mission G Abort from Lunar and Subsequent Rendezvous	1969
20170000912	Apollo Mission Techniques Mission G Lunar Descent Revision A	1969
19700006239	Determination of aircraft and engine parameters which ensure a maximum theoretical range for a given cruising speed	1970
19700006265	Methods of forecasting the vibrations of a linear structure subjected to an eventful excitation	1970
19700006284	Distribution of concentration of current carriers in semiconductor specimen with the Hall effect	1970
19700006331	Combined action of carbon monoxide and hydrogen sulfide	1970
19700006347	Buffeting tests	1970
19700006348	Algebraic Method of Diagram Representation of the State of Multicomponent Systems	1970
19700006768	The relationship between work function and the physical properties of some transition metals	1970
19700006823	Approximate solution of some nonstationary boundary-layer problems with allowance for a magnetic field	1970
19700006825	Process of preparing shaped substances in polyurethane as well as products analogous to those obtained by the present process or a similar one	1970
19700006826	Motion of a drop of alkali metal in a current of vapor with condensation	1970
19700006827	A method for evaluating the effectiveness of basic research laboratories	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700006828	Laser interferometry of partially ionized plasma	1970
19700006829	Measurement of plasma flow rate with a head pressure pipe	1970
19700007037	Parameters of a hydrogen plasma in a supersonic spherical source	1970
19700007119	Study of an asynchronous low discharge flow meter	1970
19700007416	Cosmic rays and the terrestrial atmosphere	1970
19700008019	Pulsating flow of a conducting fluid in a plane channel	1970
19700008066	Numerical calculations of viscous compressible fluid flow around a stationary cylinder	1970
19700008783	Effect of solar activity on the frequency of functional leukopenias and relative lymphocytoses	1970
19700009287	Eye movement during sleep and waking in infant monkeys /Macaca mulatta/ deprived of patterned vision	1970
19700009422	Plasma physics of electric rockets	1970
19700009423	Closed-cycle magnetogasdynamic power generation	1970
19700009424	Plasma heating and containment	1970
19700009425	Thermionic plasmas	1970
19700009426	Cryogenic and superconducting magnets	1970
19700009427	Solid-state physics in intense magnetic fields	1970
19700009428	Simulation of solar-wind-earth-magnetosphere interaction	1970
19700009429	Plasma chemistry and ion-molecule	1970
19700009482	New contribution in the theory of turbulent flows	1970
19700009522	Calculation of the secondary flow in turbulent fluid flow	1970
19700009588	An experimental investigation of the turbulent boundary layer on a smooth plate with a graduated heat supply	1970
19700009589	The calculation of supersonic axisymmetric flows using the results of optical measurements	1970
19700009616	Aeronautics and space report of the President transmitted to the Congress, January 1970	1970
19700009690	Two-speed theory of flow around a thin profile	1970
19700009691	Heat exchange in the region of interaction of an axisymmetric supersonic stream with an obstacle	1970
19700009782	Studies of the properties of hydrocyanic acid - Polarographic and ultraviolet spectroscopic analysis of the tetramer of hydrocyanic acid and its related compounds	1970
19700009820	Detection of fetal life and measurement of the infant skull using the two-dimensional ultrasonic echo method	1970
19700009832	Diffusion of gases through metals	1970
19700009833	Studies of the properties of hydrocyanic acid - On the derivatives of the hydrocyanic acid tetramer	1970
19700009834	Ohm's law for a partially ionized plasma in crossed electric and magnetic fields at high diffusion rates	1970
19700009836	The magnetic properties of the relativistic plasmas	1970
19700009842	Determination by the method of characteristics of supersonic flows associated with a given pressure law	1970
19700009881	Synthesis of automatic flight control systems using optimal control theory	1970
19700009887	Experimental and theoretical studies of the forces and motions in the contact area of free-rolling tires	1970
19700009894	About the influence of gravity on the sleep movements on leaves, part 3	1970
19700009918	The sub-oxides of cesium	1970
19700009926	Static and fatigue strength of end-closed filament wound vessels under internal pressure	1970
19700009954	Study of supersonic compressors	1970
19700009960	Study by hydraulic analogy of wave configurations in supersonic compressors	1970
19700009962	Concerning the influence of gravity on the sleep movements of leaves	1970
19700009983	Air regeneration in sealed environments - A literature survey	1970
19700009984	Kinetics and mechanism of the thermal decomposition of silver sulfite	1970
19700010010	Effects of modifications to bluff tension shell shapes on aerodynamic characteristics at Mach 3.0	1970
19700010015	Studies of the properties of hydrocyanic acid On the molecular structure of the tetramer of hydrocyanic acid	1970
19700010016	The satellite attitude simulator of the DFVLR in Oberpfaffenhofen	1970
19700010022	Certain questions concerning diffusion theory	1970
19700010023	Measurement of potential in an electron- dominated plasma	1970
19700010042	Aspects of the operation of the Pleiade Mirror - Wall influence, creation and suppression of ionic cyclotron instabilities	1970
19700010044	Unsteady jet flow of a viscous fluid	1970
19700010045	A method of mapping for solving extremum problems with constraints	1970
19700010047	Diffusion of nickel and indium along grain boundaries in iron	1970
19700010049	Study of the operating conditions of the Machine Harmonica Zero	1970
19700010050	New respiratory devices for rescue operations recently placed in service in the mines of Austria and Hungary	1970
19700010069	On the importance of the force of gravity for the development of the animal embryo	1970
19700010070	On the influence of gravity in organic formation and the possible artificial induction of dimorphism by the use of gravity	1970
19700010130	Influence of alloying elements on the dislocation structure of chromium	1970
19700010202	Remarks about O. Schultze's work on the necessity of free development of the embryo and the normal effect of gravitation on development	1970
19700010203	Correction of O. Schultze's latest article on importance of the force of gravity for the development of the animal embryo and other	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700010204	Concerning the necessity of the free development of the embryo	1970
19700010300	Gain stabilization of scintillation spectrometers	1970
19700010759	Report to COSPAR, French space program	1970
19700011213	Earth orbital payload planning	1970
19700011214	Glass preparation in space	1970
19700011215	Space processing of electronic crystals	1970
19700011216	Boron filament manufacture in space - A literature feasibility study	1970
19700011217	Weightless, containerless melting and solidification of potential new metal and ceramic products	1970
19700011218	Directional solidification of multicomponent superconducting systems under zero g conditions	1970
19700011219	Possibilities for producing new glasses in space	1970
19700011220	Aluminum and aluminum oxide in zero gravity	1970
19700011221	Reduced gravity processing of homogenized immiscible metal alloys	1970
19700011222	The interaction of living systems with the space environment	1970
19700011223	Unit separation processes in space	1970
19700011224	Industrial microbiological applications in zero gravity - A Vaccine Satellite program /VACSAT/	1970
19700011225	Facility for space experiments M512 and M479	1970
19700011226	Metals melting and exothermal heating	1970
19700011227	Spherical forming and composite casting in zero g	1970
19700011228	Zero gravity crystal growth	1970
19700011229	Techniques for characterization and evaluation of zero gravity grown gallium arsenide	1970
19700011230	Zero-gravity flammability	1970
19700011231	New development in space manufacturing	1970
19700011232	Theoretical investigation of gas management in zero-gravity space manufacturing	1970
19700011233	Composite casting superior structural materials through the combined application of unique zero g effects	1970
19700011234	Heat sources for space manufacturing processes	1970
19700011235	Crystal growth from melts in zero g environment	1970
19700011236	Studies of zero-gravity effects on solidification	1970
19700011237	Single crystal growth from melt under space environment	1970
19700011238	An analytical experimental study of possible effects of gravity on crystal whiskers	1970
19700011239	Gravity-driven and surface tension-driven convection in single crystal growth	1970
19700011240	Theoretical considerations for liquid phase sintering and solidification in the space environment	1970
19700011241	Chemical reaction in low and zero gravity - A feasibility study	1970
19700011242	Industrial chemistry in space	1970
19700011243	On the production and separation of industrially useful isotopes in space	1970
19700011465	The non-existence of a higher nickel carbide	1970
19700011469	On carbide hydrolysis	1970
19700011509	Mass concentrations in the lunar interior	1970
19700011513	Pseudo-viscosity method and starting process in a nozzle	1970
19700011537	Some aspects of artificial damping of the longitudinal motions of a winged spacecraft in the earth's atmosphere	1970
19700011545	Optimum design of by-pass engine with flow mixing	1970
19700011547	Contribution to the dual-flow engine with afterburner	1970
19700011556	Fracture mechanics concepts applied to aerospace structural problems	1970
19700011557	Approaches to life-prediction problems in creep rupture and fatigue at high temperatures	1970
19700011558	Thermal fatigue of high-temperature materials	1970
19700011559	Present status of the theoretical calculation of diffusion and diffusion-related mechanical properties	1970
19700011560	Nickel-base alloys for aerospace applications	1970
19700011561	Thermomechanical processing of the nickel-base alloy U-700	1970
19700011562	Developments in dispersion-strengthened materials	1970
19700011563	Solid-state welding of dispersion-strengthened materials	1970
19700011564	Recent developments in chromium and chromium alloys	1970
19700011565	Carbide strengthening of tungsten and molybdenum alloys	1970
19700011566	Mass spectrometric studies of the vaporization of refractory carbides and nitrides	1970
19700011567	Metal-matrix fiber composites for high temperatures	1970
19700011568	High-temperature resin-matrix composites	1970
19700011569	Design and analysis of fiber composite structural components	1970
19700011570	Radiation induced preparation of pure metals from solution	1970
19700011571	An approach to a universal spectrochemical analysis	1970
19700011572	Hot-salt stress-corrosion of titanium alloys	1970
19700011573	Some tensile and electrical resistance properties of palladium-hydrogen and titanium- hydrogen systems	1970
19700011574	Effect of environment on erosion-corrosion processes	1970
19700011575	Oxidation of WI-52, a cobalt-base superalloy	1970
19700011576	Protective coatings for superalloys	1970
19700011577	Materials problems in automotive exhaust reactors for pollution control	1970
19700011590	Studies of vaporizing combustors for gas turbines, report no. 1	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700011719	Studies of the properties of hydrocyanic acid. Report 5 - The discoloration and water content of liquid hydrocyanic acid and the prevention of transformation	1970
19700011797	Studies of the properties of hydrocyanic acid. Report 1 - Polarographic analysis of the hydrocyanic acid polymer. Report 2 - Polarographic and ultraviolet spectroscopic consideration of the hydrocyanic acid tetramer	1970
19700011846	Stability characterization of advanced injectors, design guide, phase 2. Volume 2 - Operation of the computer program Final report	1970
19700011893	San Marco project	1970
19700011964	Development of fireproof coating materials Final report, 1 Mar. - 15 Nov. 1969	1970
19700012054	Methods for Calculating Nonlinear Conical Flows	1970
19700012073	A Unified System of Supersonic Aerodynamic Analysis	1970
19700012098	Study of semiconductor heterojunctions of ZnSe, GaAs and Ge, 1 November 1969 - 31 January 1970	1970
19700012115	Corrosion control for Manned Space Flight Network facilities	1970
19700012142	The Apollo Command Module Side Access Hatch System	1970
19700012169	Thermal integration of a Brayton power system with a life-support system. Part 1 - Steady-state analysis	1970
19700012185	Two-dimensional guiding-center model of the solar wind-moon interaction	1970
19700012203	Opacity probability distribution functions for carbon monoxide at elevated temperatures	1970
19700012204	Producing durable reticles on quartz substrates - Combining the arts of electrodeposition and vacuum deposition	1970
19700012230	Turbine cooling research facility	1970
19700012231	Atlas-Agena flight performance evaluation for the Orbiting Geophysical Observatory OGO-5 mission	1970
19700012234	Some applications of the Josephson effect	1970
19700012235	Control of linear systems with large time delays in the control	1970
19700012236	A computer program to calculate incompressible laminar and turbulent boundary layer development	1970
19700012281	Search for comets during 22 September 1968 solar eclipse	1970
19700012313	Plasma formation and extraction in avalanche diodes Quarterly status report, 16 Nov. 1969 - 15 Feb. 1970	1970
19700012353	Effect of underwing engine nacelle shape and location on boattail drag and wing pressures at Mach numbers from 0.56 to 1.46	1970
19700012354	The structure of an oblique shock wave at high Mach numbers	1970
19700012355	Photometric observations of satellites and the SPIN program	1970
19700012375	A Computer Program for the Prediction of Ducted Fan Performance	1970
19700012376	Fractionation of rat pituitaries and study of the thyrotropic, gonadotropic and heterothyrotropic activities of the purified products	1970
19700012377	Experimental determination of the creep characteristics of fiber glass-reinforced plastics	1970
19700012400	Ducted fans with downstream diffusion	1970
19700012408	Measurement of the coherent oscillations and turbulence in plasma using resistively and capacitively coupled probes	1970
19700012409	Cold-air investigation of a turbine with stator-blade trailing-edge coolant ejection. Part 3 - Overall stage performance	1970
19700012413	Methods of measuring the speed of rotation	1970
19700012440	Experimental evaluation of an oscillating temperature technique for obtaining convective heat-transfer coefficients	1970
19700012503	Problems of physiological adaptation and behavior in ecologico-physiological studies	1970
19700012515	Use of slush hydrogen for the propulsion of spacecraft	1970
19700012516	An experimental investigation of detached flows behind a flat ledge where $M_{sub} 1 = 1.97$	1970
19700012518	Thermal comfort while wearing aviation helmets, especially in helicopters	1970
19700012534	Liquid-vapor interface configuration in annular cylinders	1970
19700012544	Relative geometries of the Earth, Sun, and Mars from the year 1973 to the year 2000	1970
19700012589	Earth-based research on the outer planets during the period 1970 - 1985	1970
19700012761	Research on the diffraction of electrons. Electronic analysis	1970
19700012762	Reentry heating experiments using an induction heated plasma	1970
19700012766	Proposed cardiovascular experiment Progress report, 10 Oct. 1969 - 28 Feb. 1970	1970
19700013088	Cold air investigation of a turbine with stator blade trailing edge coolant ejection. 2 - Detailed stator performance	1970
19700013120	Research development and fabrication of lithium solar cells Quarterly report	1970
19700013555	Spacecraft radio	1970
19700013597	Experiments and mission description	1970
19700013598	Launch vehicle	1970
19700013599	Orbit selection and operations	1970
19700013600	Spacecraft design	1970
19700013601	Structural design	1970
19700013602	Thermal system design	1970
19700013603	Reaction control system design	1970
19700013604	Power system design	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700013605	Communications and data systems	1970
19700013606	Attitude sensing and control system	1970
19700013607	Mission operations	1970
19700013608	Program support	1970
19700013609	HEAO baseline experiments, appendix A	1970
19700013610	Launch vehicle alternatives, appendix B	1970
19700013611	South Atlantic anomaly and orbit occultation, appendix C	1970
19700013612	Alternate configurations, appendix D	1970
19700013613	Alternate structural configuration, appendix E	1970
19700013614	Thermal analysis, appendix F	1970
19700013615	Reaction control systems and kick stage analyses, appendix G	1970
19700013616	Power system design, appendix H	1970
19700013617	Communications and data systems, appendix I	1970
19700013618	Attitude sensing and control system, appendix J	1970
19700013695	Investigation of the effect of ionizing radiation on glass activated by transition metals	1970
19700013920	Systems for deflection of the jet streams of turbojet engines	1970
19700014042	Research on the geotropic stimulation process. Part 1 - The geotropic sensitivity of plants	1970
19700014061	Dust-induced turbulence of the working flow in a hypersonic nozzle	1970
19700014112	New studies on the necessity of the directing influence of the force of gravity for development	1970
19700014152	The role of the structure of surface layers in the process of external friction of polymer materials	1970
19700014153	Diurnal rhythm of functions in humans during restricted mobility	1970
19700014160	Concerning several mechanomorphoses in the fertilized frog egg due to centrifugal force	1970
19700014237	On the specific light-related position of deciduous leaves	1970
19700014238	Research on the geotropic stimulation process. Part 2 - Further results with intermittent stimulation	1970
19700014301	For "cheap" transportation through space	1970
19700014988	Physical and explosion characteristics of hydrazine nitrate	1970
19700015345	Structural characterization	1970
19700015346	Solid state reactions and phase transformations	1970
19700015347	Mechanical properties and strengthening mechanisms	1970
19700015348	Electronic and physical properties of materials	1970
19700015354	Titanium alloys for modern technology	1970
19700015355	Status and prospects of the development of production of titanium sponge	1970
19700015356	Status and prospects of development of the production of ingots and semifinished products from titanium alloys	1970
19700015357	Modern titanium alloys	1970
19700015358	Status and prospects of research in metal chemistry of titanium	1970
19700015359	Improving the technology of production and quality of semifinished products from titanium alloys	1970
19700015360	Heat treatment of titanium and its alloys	1970
19700015361	Thermomechanical treatment of certain titanium alloys	1970
19700015362	Problem of utilizing titanium scrap and applications of secondary titanium	1970
19700015363	Status and prospects of adoption of titanium	1970
19700015364	Prospects for the use of new titanium alloys in chemical machine building	1970
19700015365	Phase diagram of a part of the ternary system Ti-Al-V /up to 45% Al/	1970
19700015366	Studies of the phase equilibrium and certain properties of alloys of the system Ti-Al-Mo-Zr rich in titanium	1970
19700015367	Study of the equilibrium and properties of alloys of the section Ti3Sn/Ti + 5% Zr/ of the system Ti-Zr-Sn	1970
19700015368	Study of the phase equilibrium and properties of alloys of the titanium corner of the system Ti-Zr-Al	1970
19700015369	Nature of hydrogen brittleness of titanium and its alloys	1970
19700015370	Metastable phases in the alloys of titanium with beta-alloying metals	1970
19700015371	Phase transformations in titanium alloys under nonequilibrium conditions	1970
19700015372	Effect of tin and zirconium on transformations accompanying the heat treatment of the alloy Ti + 10% Cr	1970
19700015373	Study of phase and structural transformations in two-phase industrial titanium alloys	1970
19700015374	Changes in the amount and composition of the beta phase during heat treatment of the alloy VTZ-1	1970
19700015375	Decomposition of titanium-vanadium martensite during heating	1970
19700015376	Study of alloys of the system Ti-Al-Mo-Zr by the bending method at high temperatures	1970
19700015377	Study of the properties of alloys of the systems Ti-Zr and Ti-Zr-Al	1970
19700015378	Some problems of the physicochemical theory of high-temperature strength and the new high- temperature titanium alloys ST-1, ST-3, ST-4 and ST-5	1970
19700015379	Corrosion-resistant alloy of titanium with 32% Mo	1970
19700015380	Principal properties of the titanium alloy AT-3 and the prospects for its application	1970
19700015381	Parameters of the diffusion of oxygen in beta-titanium	1970
19700015382	Magnesium reduction of titanium from tetrachloride	1970
19700015383	Sodium reduction of titanium from tetrachloride	1970
19700015384	Features of the production technology of semifinished products of titanium and its alloys	1970
19700015385	Production of tubes from titanium and its alloys	1970
19700015386	Extrusion of titanium alloy shapes	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700015387	Deformability of certain /alpha + beta/- and beta-alloys of titanium in cold state	1970
19700015388	Problems of the welding of titanium and its alloys	1970
19700015499	Studies on the psychophysiology of the work of astronauts	1970
19700015500	Several peculiarities in work activity of astronauts on prolonged space flight	1970
19700015501	The physiological basis of human adaptation to specific conditions of activity	1970
19700015502	The rational design of a regimen of work for astronauts	1970
19700015503	Sensory deprivation in space flight	1970
19700015504	Influences on the human organism of altered afferentation	1970
19700015505	Principles and means of investigation of problems of days in space	1970
19700015506	The influence of various regimens of work and rest on the functional condition of a man during a long stay in a hermetically sealed chamber	1970
19700015507	The influence of a change in regimen of the daily activity on the human organism under conditions of isolation	1970
19700015508	The capacity for work and the condition of higher nervous activity under various life regimens	1970
19700015509	Dynamics of the intellectual capacity for work and the conditions of hypodynamia, isolation, and elevated temperature in a hermetically sealed chamber	1970
19700015510	Significance of muscular activity for the preservation of stability of an astronaut's motor functions	1970
19700015985	Bactericidal activity of ethylene oxide and methyl bromide against microorganisms on various types of surfaces	1970
19700016001	Diffraction of electromagnetic waves on two bodies	1970
19700016066	Regularities in the biochemical decomposition of albite and muscovite	1970
19700016093	The calculation of shells with holes	1970
19700016207	Generalized invariance principles and the theory of stability	1970
19700016262	Spectral characteristics of air at temperatures above 10000 degrees Kelvin	1970
19700016276	Schlieren methods and their applications	1970
19700016296	Discontinuous solutions in problems of nonlinear heat conduction	1970
19700016299	Numerical computation of a supersonic flow of viscous ideal gas around spheres	1970
19700016300	Investigation of heat transfer during boiling employing simulated weak gravitational fields	1970
19700016305	Effect of weightlessness on diffusion flame of butyl alcohol	1970
19700016310	Fracture of glass by spherical indenters	1970
19700016316	Heat treatment of vanadium, niobium and tantalum obtained by electron beam melting	1970
19700016319	The determination of the coefficients in the Legendre polynomial expansion of the gravitational potential of the earth	1970
19700016324	Space	1970
19700016341	Transactions of the first lectures dedicated to the development of the scientific heritage of K. E. Tsiolkovskiy	1970
19700016370	Free axisymmetric vibrations of thin elastic shells of revolution	1970
19700016375	Shock-wave diffraction by a wedge moving at supersonic speed	1970
19700016403	Brazing process, French patent no. 1233.796	1970
19700016406	Two propositions concerning the decomposition reaction	1970
19700016415	Investigation of plasma parameters obtained by the electrical detonation of a fine wire	1970
19700016422	Determination of optimum states of aircraft motion from the maximum range condition	1970
19700016424	Resistance of the human body to high accelerations of short duration	1970
19700016460	On the motion of two spheres in an ideal fluid	1970
19700016464	Effect of the medium on the structure of zirconium	1970
19700016465	Some aspects of the process of recrystallization of modified molybdenum and its alloys	1970
19700016536	Investigation of radiation of a dense plasma obtained by the detonation of a fine wire in a vacuum	1970
19700016537	Study of certain properties of niobium- molybdenum alloys	1970
19700016603	Application of the explosion analogy to the calculation of hypersonic flows	1970
19700016665	Structure and Properties of Heat-Resistant Metals and Alloys	1970
19700016666	The problem of cold shortness in heat-resistant metals and alloys	1970
19700016667	The susceptibility of refractory metal to brittleness and creep	1970
19700016668	Study of creep of cast and wrought chromium in vacuo	1970
19700016669	Influence of local inhomogeneities in the distribution of impurities on the brittleness of chromium	1970
19700016670	The absence of polymorphism in chromium	1970
19700016671	Metallides - A new basis for refractory materials	1970
19700016672	Isothermal sections of the phase diagram of the molybdenum, titanium, zirconium system at 1200 deg C, 900 deg C, and 800 deg C	1970
19700016673	Study of the properties of molybdenum modified by refractory compounds at elevated temperatures	1970
19700016674	Electron structure and crystal structure of transition metals	1970
19700016675	Rolling heat treatment, and deep drawing of thin sheets of molybdenum	1970
19700016676	Study of the weldability of molybdenum associated with variation in its structure	1970
19700016677	High-temperature /1400 deg C/ hardness of tungsten-base alloys containing tantalum and rhenium	1970
19700016678	Refractory ternary alloys of the tungsten-molybdenum-rhenium system	1970
19700016679	The ductility of tungsten	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700016680	Forging tungsten produced by arc melting	1970
19700016681	Nature of high-temperature creep of refractory metals and alloys	1970
19700016682	Creep of niobium under high stresses	1970
19700016683	Physical factors leading to the strengthening of alloyed niobium	1970
19700016684	Methods and results of a study on the friction and the adhesion between metals at elevated temperatures in vacuo and in gases	1970
19700016685	Preliminary results of a study on adhesion and friction at elevated temperatures between oxides and refractory metals and oxides in vacuo and in gases	1970
19700016686	Study on the vibration energy /internal friction/ as a reserve of strength of refractory alloys at elevated temperatures	1970
19700016687	Substructure and grain boundary porosity under conditions of creep	1970
19700016688	Alloying, -structure, and phase composition of heat-resistant nickel-chromium alloys containing niobium	1970
19700016689	Influence of temperature and deformation on the nature of activation and the behavior of stressed metals at elevated temperatures	1970
19700016690	Heat resistance and physicochemical properties of complex nickel-base alloys	1970
19700016691	The nonuniform crystal structure of the KhN77TYuR /EI437B/ alloy	1970
19700016692	Prevention of the formation of a non-uniform grain structure in a critically deformed KhN77TYuR alloy	1970
19700016693	Isothermal crystallization during pressure brazing of heat-resistant nickel-base alloys	1970
19700016694	Influence of metallurgical factors on the structure of heat-resistant nickel alloy EI765	1970
19700016695	The specific behavior of heat-resistant alloys during thermal cycling	1970
19700016696	Properties of super alloys of the Ep487 type	1970
19700016697	Structure and properties of the KhN60MVTYu /EP487/ alloy	1970
19700016698	Influence of cobalt on the phase composition of some heat-resistant alloys	1970
19700016699	Changes in the properties and structure of vanes of gas turbines made of nickel-base industrial alloys during service in an experimental installation	1970
19700016700	Some problems of alloying nickel-base alloys	1970
19700016701	Study of the structure and properties of EP357 steel	1970
19700016702	Influence of alloying elements on the strength of interatomic bonds of ferrite, the composition and type of strengthening phases, and the resistance of steel to stress relaxation	1970
19700016703	Study of structural changes in chromium-nickel steel alloyed with aluminum	1970
19700016704	Study of the heat resistance of chromium-manganese-aluminum austenitic steels	1970
19700016705	Study of the influence of the grain size and of grain size nonuniformity on the heat resistance and strength of vane materials	1970
19700016706	Relaxation and creep strength of hardening stainless chromium steels	1970
19700016707	Austenitic heat-resistant steel for castings	1970
19700016708	High-temperature ausforming of large steel forgings	1970
19700016709	Kinetics of failure of heat-resistant alloys during high-temperature deformation	1970
19700016710	Influence of temperature on the stability of heat-resistant alloys strengthened by Thermomechanical Treatment /TMT/ and Multistage Thermomechanical Treatment /MSTMT/	1970
19700016711	The structure of aluminum and aluminum alloys containing 3 percent of copper after thermomechanical treatment	1970
19700016712	Influence of Low-Temperature Thermo-Mechanical Treatment /LTMT/ on the properties of manganese austenitic steels	1970
19700016713	Influence of high-temperature thermo-mechanical treatment on the heat resistance of KhN70VMTYu alloy	1970
19700016714	Influence of the temperature of preliminary plastic deformation on the long-time strength of austenitic steels	1970
19700016715	Increase in workability during pressing of heat-resistant steels of the martensitic and martensitic-austenitic types	1970
19700016716	A new method for investigating creep and relaxation in metals and alloys	1970
19700016717	Short-time and long-time strength of the beta-alloy of the Ti-Mo-Cr-Fe-Al system at elevated temperatures	1970
19700016718	Heat-Resistant Copper Alloys	1970
19700016719	Principles of long-time oxidation of heat-resistant steels and alloys	1970
19700016720	Behavior of diffusion coatings on nickel alloys at elevated temperatures	1970
19700016721	Comparative study on the oxidizability and heat resistance of niobium-base alloys	1970
19700016722	Study of binary heat-resistant silicon-base diffusion coatings for nickel alloys	1970
19700016723	Electron diffraction and kinetic studies on the reaction between heat-resistant metals and oxides, and residual gases and vapors in vacuo /10 ⁻³ to 10 ⁻⁶ torr/ at elevated temperatures	1970
19700016724	Investigation of the serviceability of heat-resistant steels in carbon-containing atmospheres	1970
19700016725	The mechanism of the hardening of some Fe-Cr-Ni alloys	1970
19700016726	Study of the macrostructure and properties of extruded rods of high-strength alloys	1970
19700016808	Distribution of electrons in the field of a charged sphere emitting electrons	1970
19700016813	Exploding stars and galaxies	1970
19700016817	Instrumentation	1970
19700016818	Ocean physics	1970
19700016819	Short-term dynamics of the solid earth	1970
19700016820	Long-term dynamics of the solid earth	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700016821	Interaction with other disciplines and programs	1970
19700016822	Discussion, conclusions, and recommendations	1970
19700016845	Analysis of tow channel results	1970
19700016846	Theoretical wake analysis and development	1970
19700016847	Correlation study	1970
19700016872	Expansion of an ion cloud in the earth's magnetic field	1970
19700016873	The development of an integrated flight guidance and control system for modern high- performance aircraft	1970
19700016918	Telemetry data processing of the EOLE project	1970
19700016967	Simulator for turning in space	1970
19700016972	One possible mechanism for the formation of inhomogeneities in interplanetary plasma	1970
19700017815	Radio-astronomy method of measuring absorption of radio waves in the ionosphere	1970
19700017963	Calculation of parachute opening shock	1970
19700017964	Hysteresis of the heat transfer coefficient in dependence of the heat-flux density measured on a thermosiphon reboiler	1970
19700017965	Transfer of flux greater than 1kW/sq cm by double phase change between a non-isothermal wall and a liquid with forced convection	1970
19700017974	On the decomposition of carbides through water or diluted acids	1970
19700017976	Charge curves obtained during anodic oxidation of aluminum in sulfuric acid solutions	1970
19700017977	Problems associated with the sorption of anions by an anodic oxide film on aluminum in aqueous solutions of inorganic salts	1970
19700017978	Salt composition of anodic oxide films on aluminum from thermographic analysis data	1970
19700017979	Effect of current reversal on composition and properties of anodic oxide film on aluminum from tracer atom data. Role of physical parameters of the process in the penetration of the electrolyte anion into the anodic film	1970
19700017980	Degradation by the atmosphere of microwave radiometric observations from space - 0.5 to 20 GHz, volume 1 Final report	1970
19700017987	A plane hypersonic gas stream	1970
19700017988	Ultraviolet absorption in the spectra of Jupiter	1970
19700017989	Interferometry with path difference up to 500 meters through a turbulent atmosphere	1970
19700018005	Application of high-temperature materials in aircraft jet engines	1970
19700018007	Investigation of the interaction of a spherical shock wave with bodies	1970
19700018008	Carbonaceous matter in meteorites /organic compounds, diamonds, graphite/	1970
19700018009	The nature and origin of comets and meteors	1970
19700018011	The electromagnetic field which arises upon ionization of air by a point source of gamma radiation in the electrical field of the earth	1970
19700018013	Representation of a lifting line in an arbitrary motion by a line of acceleration doublets	1970
19700018032	Certain peculiarities of the anodic oxidation of aluminum in sodium carbonate solutions	1970
19700018044	Application of Electret Microphones for Measurement of Pressure Fluctuations on Aerodynamic Profiles	1970
19700018049	Application of Temperature and High-Temperature Resistant Steels and Alloys in Steam and Gas Turbine Design	1970
19700018066	A random electromagnetic field and its distribution upon reflection of waves from an extended rough surface	1970
19700018067	The dependence of sleep movements of Phaseolus multiflorus on various other exterior factors	1970
19700018072	Acceleration of charged particles in the interplanetary plasma	1970
19700018109	Description and effect of unsteady gust derivatives of the longitudinal motion of an aircraft	1970
19700018110	Experimental study of rarefied gas flow between parallel plates	1970
19700018111	Harmonic vibration testing of a non-linear aircraft structure	1970
19700018115	Electron properties of the hydrides of Ti-H and Zr-H systems	1970
19700018122	Organization of project EOLE	1970
19700018141	Calculating heat transfer in diathermal systems in the supercritical boiling regime	1970
19700018143	Photon absorption and radiation of nonequilibrium plasma of finite volume in lines with Doppler broadening	1970
19700018164	Hypersonic flow past blunt cones with consideration of the equilibrium physicochemical transformations	1970
19700018225	Properties of inertial-gravitational fields	1970
19700018226	Optimization of the passive descent trajectory of a flight vehicle in the earth's atmosphere in terms of a criterion linked with the weight of the coolant of the internal cooling system	1970
19700018248	Structures and structural methods using new fiber-reinforced composite materials, with special attention given to boron fibers	1970
19700018252	Sequential decoding for a binary channel with dropouts and insertions	1970
19700018402	Development of the SERT-2 spacecraft support unit Summary report	1970
19700018538	The release of buried microbial contamination by aeolian erosion	1970
19700018641	Performance and losses of a dc starter- generator for small, low-cost jet engines	1970
19700018666	Astrometry and Astrophysics, no. 1 - Physics of the moon and planets	1970
19700018667	A photometric method of lunar topography	1970
19700018668	Structural characteristics of some craters on the far side of the moon	1970
19700018669	Height profiles of twenty-nine craters on the far side of the moon	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700018670	Optical characteristics of the Mars atmosphere obtained according to contrast measurements	1970
19700018671	The nature of the polar caps of Mars	1970
19700018672	The effect of atmospheric vibration on the brightness distribution over the disk of a planet	1970
19700018673	The methane absorption distribution in the 6190 A band over the disk of Jupiter	1970
19700018674	Distribution of methane absorption in the 6190 A band over the disk of Saturn in 1966	1970
19700018675	The problem of diffuse reflection of monochromatic radiation	1970
19700018676	Brightness coefficients of a homogeneous plane layer of a turbid medium	1970
19700018677	Count Rate Meter /CRM/	1970
19700018678	An electrophotometer for low luminous fluxes	1970
19700018735	Polymeric films for semiconductor passivation	1970
19700018758	Investigation of single crystal ferrite thin film	1970
19700018795	CMF-13 research on carbon and graphite Progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700018805	Astronaut maneuvering unit brassboard Final report	1970
19700019191	Portable life support systems Conference papers	1970
19700019192	Advanced portable life support systems - The key to independent operations Keynote address	1970
19700019193	Physiological specifications for personal life support systems	1970
19700019194	Integrated maneuvering and life support system	1970
19700019195	Modular toxic environment protective suit	1970
19700019196	Development of the portable environmental control system	1970
19700019197	Semiclosed and closed circuit underwater breathing apparatus	1970
19700019198	Microclimate-controlled /thermalbrium/ protective clothing system for military applications	1970
19700019199	NASA aircrew oxygen system	1970
19700019200	Radioisotope heated swimsuit	1970
19700019201	Litton portable life support system	1970
19700019202	Description and evaluation of a portable dry- ice water-conditioned suit system for air crewmen	1970
19700019203	Efficacy of ventilating systems	1970
19700019204	Automatic cooling - Strategies, designs, and evaluations	1970
19700019205	Fluidic temperature control for liquid-cooled space suits	1970
19700019206	Techniques for excess metabolic heat rejection from the outside surfaces of protective suits	1970
19700019207	Physiological effects of water cooling under different environmental conditions	1970
19700019208	Portable heat rejection systems for the extravehicular astronaut	1970
19700019209	ECGS liquid-phase-change garment cooling system	1970
19700019210	Solid oxygen for portable life support systems in space	1970
19700019211	Research on sodium chlorate candles for the storage and supply of oxygen for space exploration	1970
19700019212	The role of active chemicals for air revitalization	1970
19700019213	Lithium peroxide for portable life support system atmospheric regeneration	1970
19700019214	A membrane system for carbon dioxide control in life support systems	1970
19700019215	Regenerable sorbers and portable life support	1970
19700019430	Conformal phased array antenna study	1970
19700019499	Calculation of transitory regimes in the combustion of solid fuel in a channel	1970
19700019500	Study of rotational and oscillatory distributions of molecules excited in different elementary processes and significance of these studies for astrophysics	1970
19700019502	Calculation of the state of argon behind an incident shock wave between Mach numbers 20- 50 with allowance for excitation, multiple ionization, and Coulomb interaction	1970
19700019523	The problem of the electromyographic and mechanographic characteristics of the operation of the human motor apparatus during exercise	1970
19700019524	A variation of an engineering design for a total-absorption spectrometer for cosmic ray experiments	1970
19700020113	Analytical Design and Flight Tests of a Modal Suppression System on the XB-70 Airplane. Part 1 - Design Analysis. Part 2 - Flight Tests	1970
19700020169	Infrared measurements of sound source intensities in jets	1970
19700020170	Optical detection of moving striations with the cross-correlation technique	1970
19700020171	Feasibility of crossed-beam applications to combustive flows	1970
19700020172	Turbulence measurements by the crossed-beam technique	1970
19700020173	On the transformation between transit distances and wind component distributions	1970
19700020174	Cross-power spectral analysis for atmospheric cross-beam data	1970
19700020175	Correlation curves of retroactively filtered data	1970
19700020176	The reliability coefficient for cross- covariance	1970
19700020414	Contribution to the theory of avalanche and streamer chambers	1970
19700020415	Cosmogenetic isotopes and the cosmic age of meteorites	1970
19700020448	Genetic regularities of the chemical composition and certain characteristics of the structure and origin of meteorites	1970
19700020449	A new technical idea on flywheels	1970
19700020456	Determining the thermoelastic state of a cylindrical shell	1970
19700020460	Two-phase flow in turbines and reaction nozzles	1970
19700020465	The elastic-plastic axisymmetrical state of shells of revolution of variable thickness	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700020466	Vibrations of a circular cylinder which varies in thickness with time	1970
19700020467	Stability of orthotropic cylindrical shells allowing for the momentum of the subcritical state	1970
19700020482	Change in blood circulation in the upper extremity under static load	1970
19700020489	National Center for Technical and Scientific Documentation Activity report, 1969	1970
19700020492	A calculation method for wings in steady or unsteady supersonic flow	1970
19700020501	On analytic and harmonic transformations and the approximation of harmonic functions	1970
19700020502	Stabilization of communication satellites with flywheels	1970
19700020511	Point explosion in a non-homogeneous atmosphere	1970
19700020512	Jet flow around a sphere	1970
19700020513	On the application of Newton's method to the solution of nonlinear boundary value problems	1970
19700020514	On the use of hydrogen peroxide as oxidizer in hybrid systems	1970
19700020557	Cosmic rays and their interactions	1970
19700020568	The age of the earth, of heavy elements, and of meteorites	1970
19700020572	Investigation of certain photometric characteristics of an ionization calorimeter mounted on the massive proton satellite	1970
19700020593	The logical fighter aircraft	1970
19700020598	Some turbulent boundary-layer measurements obtained from the forebody of an airplane at Mach numbers up to 1.72	1970
19700020601	Investigation of vibrations of a cylindrical shell containing a liquid	1970
19700020602	On the propagation of elastic waves in piezosemiconductors	1970
19700020613	Determining the characteristics of nonlinear elements of vibration systems from motion analysis	1970
19700020650	The continuous spectra of the satellites of Jupiter	1970
19700020656	Spectral observations of the Galilean satellites of Jupiter	1970
19700020672	Development of receptor structures in the inner ear of vertebrates	1970
19700020696	The results of photographic photometry of Jupiter	1970
19700020697	Certain properties of the atmosphere of Jupiter according to spectrophotometric observations	1970
19700020698	Basic results of an analysis of observations of the surface of Jupiter from 1962 to 1965	1970
19700020727	Motion of an artificial satellite in an eccentric gravitation field	1970
19700020736	Experience gained from photometric studies of the atmospheric activity of Jupiter in 1964 - 1965	1970
19700020738	New method of calculating corrections of test results in a low-speed wind tunnel - Blockage corrections and wall corrections	1970
19700020763	The distribution of the molecular absorption of methane over the Jovian disk in the near infrared /0.7-1.0 micron/	1970
19700020764	Comparison of the absorption distribution in the CH ₄ band at 6190 A on the disks of Jupiter and Saturn	1970
19700020778	The evolution and physical properties of the earth and planets as a consequence of the characteristics of their origin	1970
19700020841	Influence of atmospheric dispersion on the results of spectral and photographic observations of planets	1970
19700020842	Concerning spectrophotometric star references during planetary observations	1970
19700020844	A flat blade in three sections - The first section produces motive force, the second section is the supporting surface and the third section is a stabilizer	1970
19700020848	Axially symmetric thermoelastic vibrations of a cylindrical shell	1970
19700020849	A study of the unsteady pressure distribution on a two-dimensional wing with oscillating control surface in the near-sonic speed range	1970
19700020889	Difference between the characteristics of interactions of pions and nucleons with atomic nuclei	1970
19700021265	Astrometry and astrophysics, no. 5 - Problems of atmospheric optics	1970
19700021266	Tables of refraction corrections for observation of objects in the earth's atmosphere	1970
19700021267	Observations of astronomical refraction at great zenith distances made in Goloseyevo /Kiev suburb/	1970
19700021268	The atmosphere dispersion and the luminosity function for the 400-mm astrograph of the main Astronomical Observatory of the Academy of Sciences of the Ukrainian SSR	1970
19700021269	A study of star image flickering based on observation of traces carried out on the AZT-7 telescope /200-mm reflector/ in 1963	1970
19700021270	Dependence of star image flickering on meteorological conditions	1970
19700021271	Some results of observations of spectra of starlight scintillation carried out on the 200-mm Maksutov reflector AZT-7 at Goloseyevo /Kiev suburb/	1970
19700021272	On the astroclimate of two points in the Transcarpathian and Odessa regions of the Ukrainian SSR	1970
19700021273	Investigation of flickering amplitude components by traces of artificial satellites - The beaded structure of star traces	1970
19700021321	Problems of constructing a coordinate system referred to the earth's center of mass and axis of rotation	1970
19700021384	A model for parallel computer systems	1970
19700021420	Satellite meteorology, no. 221	1970
19700021421	Actinometric equipment of Soviet weather satellites	1970
19700021422	Principles of calibration of longwave actinometric instruments on weather satellites	1970
19700021423	Information properties of scanning infrared equipment of weather satellites	1970
19700021424	Statistical characteristics of the scanning infrared equipment signals	1970
19700021425	Automatic processing of infrared information coming from weather satellites	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700021426	Experiment in comparing the results of measurements from the ground, aircraft, and satellites	1970
19700021427	Experiment in using data on outgoing shortwave radiation obtained from Kosmos 122 satellite	1970
19700021428	Problems of interpretation of infrared pictures of cloudiness taken from weather satellites	1970
19700021429	Procedure for calculating the shortwave radiation field during anisotropic reflection from the underlying surface	1970
19700021430	Probability of detection of cloudiness and underlying surface by the IR-system signals	1970
19700021431	Outgoing shortwave radiation field above the sea	1970
19700021432	Contribution of diffused reflection by the water layer to the outgoing shortwave radiation field	1970
19700021433	Reconstitution of the ground level pressure field according to the weather satellite data	1970
19700021434	On the determination of the temperature of the radiating surface and the total moisture content according to radiation measurement on a satellite	1970
19700021435	Effect of anisotropy of the reflection from the underlying surface on determination of the flow of outgoing shortwave radiation according to measurements from a satellite	1970
19700021436	Determination of wind velocity and waves on the sea by measuring the solar glitter parameters from satellites	1970
19700021437	On the problem of averaging in measuring hydrometeorological fields	1970
19700021438	Certain regularities in the vertical distribution of the ascending longwave radiation	1970
19700021439	Spectral brightness of clouds and landscape objects in the visible and near infrared sectors of the spectrum	1970
19700021440	Experimental investigation of light diffusion by cloud particles. 1 - Simulation of water droplets	1970
19700021441	Experimental investigation of diffusion of light by cloud particles. 2 - Measurement of indicatrices of diffusion of light by water droplet models	1970
19700021442	Certain characteristics of the structure of the intensity field of precipitation falling in steppe and desert regions	1970
19700021443	Elementary particles and cosmic rays	1970
19700021444	Cosmic rays and very slow particles	1970
19700021445	The energy spectrum of cosmic muons of ultrahigh energies at sea level	1970
19700021446	Elastic pion+/-proton scattering at a pion+/- energy at 2.06 GeV	1970
19700021447	The mass spectrum of systems of strange particles generated by the interaction of pions with light nuclei	1970
19700021448	The theory of complex moments and resonance nuclear reactions	1970
19700021449	A universal method of processing the tracks of arbitrary curvature on bubble chamber tracks	1970
19700021450	A method of registering the energy of charged particles with a proportional light counter	1970
19700021451	Modeling processes with generation of neutral particles in non-hydrogen bubble chambers	1970
19700021452	Generation of high-energy muons during interaction of cosmic ray nuclei of air	1970
19700021453	Cosmic gamma-radiation	1970
19700021454	Absorption of pions by complex nuclei	1970
19700021455	Study of the physical and chemical properties of the surfaces of solids using nuclear gamma- resonance /the Mossbauer effect/	1970
19700021465	Astrometry and astrophysics, no. 4 - Physics of comets	1970
19700021466	Solar corpuscular radiation according to the data of measurements on satellites and robot space stations	1970
19700021467	A four-streamer model of the solar corona near the activity minimum	1970
19700021468	Secular decrease in the absolute brightness of the Comet Encke	1970
19700021469	An analysis of the surface brightness distribution in the tail of the Comet 1956h	1970
19700021470	Hydrodynamics of the circum-nuclear region of a comet	1970
19700021471	The physical conditions in the boundary layer of a cometary nucleus	1970
19700021472	Some problems in photoelectric observations of comets	1970
19700021473	Some problems in the spectroscopy of comets	1970
19700021474	The spectrum of the tail of Comet Ikeya-Seki 1965f	1970
19700021475	Polarimetric and photometric observations of Comet Ikeya-Seki 1965f	1970
19700021476	The density of sodium in Comet Ikeya-Seki 1965f	1970
19700021477	Photographic photometry of the tail of Comet Ikeya-Seki	1970
19700021478	The problem of the dust component of the cometary atmosphere	1970
19700021479	Brightness variation and photometric parameters of Comet Kilston 1966b	1970
19700021480	Investigations of the movement of comets carried out by the Institute of Theoretical Astronomy of the Academy of Sciences of the USSR, 1963 - 1966	1970
19700021481	All-Union Conference on the Physics of Comets	1970
19700021483	Introduction, measurements, materials, summary, conclusions, and recommendations	1970
19700021484	Effect of Fermi level motion on normal state properties of beta-tungsten superconductors	1970
19700021485	Characteristic parameters of beta-W superconductors	1970
19700021486	Elastic moduli of single-crystal Nb ₃ Sn	1970
19700021487	Specific heat and the lattice transformation in Nb ₃ Sn	1970
19700021488	Effect of uniaxial stress on the superconducting transition temperature of monocrystalline Nb ₃ Sn	1970
19700021489	Superconductivity and the density of states model for beta-tungsten compounds	1970
19700021490	The system Nb ₃ Sn _{1-x} Sb _x and the density of states model for Nb ₃ Sn	1970
19700021491	RF-sputtered films of beta-tungsten structure compounds	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700021492	Solution growth of Nb ₃ Sn from liquid tin	1970
19700021493	Electrical transport properties of Nb ₃ Sn in the normal state	1970
19700021495	An improved generalized inverse algorithm for linear inequalities and its applications	1970
19700021498	Introduction	1970
19700021499	Mission support	1970
19700021500	Advanced engineering	1970
19700021501	Development and implementation	1970
19700021502	Operations and facilities	1970
19700021541	Problems of atmospheric physics - Collection 5	1970
19700021542	An analysis of the counterradiation spectra of the atmosphere	1970
19700021543	A determination of the absorption coefficients for certain atmospheric windows and absorption bands according to emission spectra	1970
19700021544	Experimental studies of the counterradiation of the clouded sky	1970
19700021545	Calibration of infrared spectrophotometers	1970
19700021546	The thermal effect of radiation and the factors determining it in the atmospheric layer from 30 to 100 km - Review	1970
19700021547	Transmission functions of the real atmosphere	1970
19700021548	Some problems in temperature sounding of the atmosphere	1970
19700021549	A method of calculating the spectral absorption of infrared radiation in the atmosphere	1970
19700021550	Investigation of the 9.6 microns absorption band of ozone in the artificial atmosphere	1970
19700021551	Applying statistical methods to some problems in spectroscopy	1970
19700021552	Some results of measurements of the spectral transmission of the atmosphere under the conditions of upper-level clouds	1970
19700021553	Spectrophotometer with a normal emission spectrum at the output of the recorder	1970
19700021554	Radiation balance and its components in the troposphere and stratosphere according to ascents of airships in the autumn in 1964 - 1965	1970
19700021555	Some problems in the method of analyzing the results of observations of radiation balance components	1970
19700021556	Effect of clouds on radiation fluxes and radiative heat transfer in the free atmosphere	1970
19700021557	An ozone sonde for measuring the vertical distribution of atmospheric ozone	1970
19700021558	Hydrogen compounds in the mesosphere	1970
19700021559	On the vertical aerosol distribution and aerosol layers in the atmosphere	1970
19700021560	The effect of the vertical aerosol distribution on the radiation regime of the atmosphere	1970
19700021561	The selectivity of aerosol attenuation in ozonometric observations over Zailiyskiy Ala Tau	1970
19700021562	The problem of the role of the mechanisms for the distribution and sources of atmospheric aerosols	1970
19700021563	The effectiveness of depositing aerosol particles on a plane backing	1970
19700021564	The effect of some substances on the coefficient of condensation of water drops	1970
19700021565	The possibility of interpreting the data of a sedimentation analysis	1970
19700021567	Identification of human operator models by stochastic approximation	1970
19700021568	Application of a modified fast Fourier transform to calculate human operator describing function	1970
19700021569	Nonlinear time-domain models of human controllers	1970
19700021570	Some examples of pilot/vehicle dynamics identified from flight test records	1970
19700021571	Application of Gabor's elementary-signal theorem to estimation of nonstationary human spectral response	1970
19700021572	Pilot describing function models for nonlinear controlled elements	1970
19700021573	A study of the variability of human operator performance based on the crossover model	1970
19700021574	An investigation into pursuit tracking in the presence of a disturbance signal	1970
19700021575	A model for human controller remnant	1970
19700021576	An investigation into some aspects of the human operator describing function while controlling a single degree of freedom	1970
19700021577	Effects of display gain on human operator information processing rate in a rate control tracking task	1970
19700021578	Rotation of visual reference systems and its influence on control quality	1970
19700021579	Three display techniques at the Man Vehicle Laboratory	1970
19700021580	Applications of tactile displays for pilot cuing	1970
19700021581	Step tracking - In what sense is this optimal /ques/	1970
19700021582	An evaluation of a pilot model based on Kalman filtering and optimal control	1970
19700021583	An optimal control model of human behavior	1970
19700021584	Application of optimal control theory to prediction of human performance in a complex task	1970
19700021585	Tracking quasi-predictable displays subjective predictability gradations, pilot models for periodic and narrowband inputs	1970
19700021586	Decision processes in the adaptive behavior of human controllers	1970
19700021587	Motion scaling on one- and two-axis compensatory control tasks	1970
19700021588	Subjective scaling of springs, shock absorbers and fly wheels	1970
19700021589	Human performance in time-optimal state regulation tasks	1970
19700021590	Mathematical development and solution of a physical model for muscular contractile elements	1970
19700021591	Muscle spindle models - Multiple input- multiple output simulations	1970
19700021592	Some aspects of human postural regulation	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700021593	A formal model for arm motion during target approach	1970
19700021594	Contributions of roll and yaw motion cues in manual control	1970
19700021595	Four-axis compensatory systems with separated displays and controls	1970
19700021596	A theory for the human operator's remnant in multiloop display-control tasks	1970
19700021597	Application of pilot models to display design some basic experiments	1970
19700021598	Describing function models of a driver-aid system for car following	1970
19700021599	Resolved motion rate control of resolved manipulators and human prostheses	1970
19700021600	Evaluation of a new aircraft controller concept for the SST	1970
19700021601	Some Apollo midcourse manual control simulation innovations	1970
19700021607	Effect of lubrication film on the axial rigidity of a high-speed radial thrust ball bearing	1970
19700021615	Investigations of supercritical deformations of ribbed cylindrical shells subjected to axial compression	1970
19700021616	Investigation of the dynamic characteristics of a solid body with a cylindrical cavity, partially filled with a viscous liquid	1970
19700021633	Damping of vibrations in cylindrical shells of glass and plastic	1970
19700021634	Inability of a shock wave accelerated interface between two gases	1970
19700021635	Applications of self-similar solutions for boundary layer linearization equations	1970
19700021636	On integration of a class of linear partial differential equations by definite integrals	1970
19700021640	Physiology of the vestibular analyzer	1970
19700021641	Interaction of the vestibular analyzer with other analyzer systems. Some real problems of investigating the analyzer function of astronauts in flight	1970
19700021642	Variation of the electrical activity of the brain of animals and man upon stimulation of the vestibular apparatus	1970
19700021643	Activity of the phase and tonic systems of the oculomotor apparatus in certain vestibular reflexes and vestibular nystagmus	1970
19700021644	Electrophysiological investigation of the interaction of the vestibular and visual afferent systems	1970
19700021645	A mathematical model of the oculomotor apparatus	1970
19700021646	The effect of posture on the sensory-motor coordination of man	1970
19700021647	On the interaction of certain analyzers upon formation of motor reactions of animals during weightlessness	1970
19700021648	Investigation of the adjustable reflexes of animals during weightlessness	1970
19700021649	On the problem of the interaction mechanisms of the visual and vestibular analyzers	1970
19700021650	The effect of visual stimulation on nystagmus, from data of electronystagmography, in the presence of tumors of the posterior cranial fossa	1970
19700021651	The effect of prolonged slow rotation on hearing	1970
19700021652	The effect of centrifugal force on caloric nystagmus	1970
19700021653	Characteristics of the functional state of the otolithic apparatus under conditions of variable weight	1970
19700021654	Microelectrode investigation of the vestibular neurons of the mesencephalon	1970
19700021655	Microelectrode investigation of neuron reactions of the vestibular nuclei in the cat upon polarization and caloric stimulation of the labyrinths	1970
19700021656	Experimental investigation on modeling different types of neurons	1970
19700021657	On the functional relationship between the semicircular canals and the otolithic apparatus	1970
19700021658	On the functional state of the vestibular apparatus of rats during hypothermy	1970
19700021659	Sensory motor reactions of man under the effect of rotation on a low-radius installation	1970
19700021660	The problem of motion sickness and increased sensitivity to vestibular effects. On the problem of vestibulo-vegetative reflexes due to the effect of coriolis acceleration	1970
19700021661	The effect of prolonged rotation and coriolis accelerations on the vestibular function of man	1970
19700021662	Investigations of sleep in man under conditions of prolonged rotation	1970
19700021663	Some dynamic indicators of the vestibular analyzer under the effect of coriolis acceleration	1970
19700021664	On the problem of development of latent forms of motion sickness	1970
19700021665	On the interrelationship of the functional tolerance of the vestibular analyzer and the state of arterial pressure during motion sickness	1970
19700021666	On the role of the adaptation function of sympathetic innervation in prevention of motion sickness	1970
19700021667	Vestibular training of test pilots by passive methods	1970
19700021668	On the nonspecificity of vestibular conditioning	1970
19700021669	The effect of motion sickness on the functional status of the hypophysis-cortex system of the adrenal glands	1970
19700021670	Motion sickness in dogs before and after intravenous administration of sodium hydrocarbonate	1970
19700021671	Development of new methods of investigating the vestibular function. The ADI test and its significance for functional investigation and conditioning of the vestibular analyzer	1970
19700021672	Certain reflexes of the semicircular canals with respect to professional selection and evaluation of flight personnel	1970
19700021673	Analyzing the rapid component of nystagmus in nystagmographic investigations	1970
19700021674	Electronystagmography and its prospects	1970
19700021675	New installations for investigating the vestibular analyzer	1970
19700021676	On the problem of methods of studying the vestibular function in a spaceship	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700021677	On the problem of the importance of parabolic flight to reproduce brief periods of weightlessness in vestibular evaluation of cosmonauts	1970
19700021678	The significance of certain vestibulometric tests in medical flight examination of personnel predisposed to illusory sensations during flight	1970
19700021679	Comparative analysis of vestibulometric methods of examination used for purposes of professional selection	1970
19700021681	Studies of aurorae and upper atmosphere by radiophysical methods	1970
19700021692	Hazards to aircraft during approach and landing	1970
19700021693	Economic benefit of improved landing capability	1970
19700021694	Desired characteristics hazard warning and avoidance system	1970
19700021695	Approach and landing aids	1970
19700021696	Sensor performance	1970
19700021697	System configurations	1970
19700021698	An analytical treatment of delays and delay costs, appendix A	1970
19700021703	One of the reasons for the asymmetry of the lunar shape	1970
19700021710	Similarity theory for large-scale motions of planetary atmospheres	1970
19700021714	A study of the polarization properties of the surfaces of Jupiter and Saturn	1970
19700021744	Histamine in alcoholic beverages	1970
19700021758	Mass spectrometric analysis of ions from high- speed impact of dust particles	1970
19700021785	Computer simulation of radiation scattering in a spherical nebula with a central point source	1970
19700021875	Theoretical investigation of unsupervised learning techniques Final report	1970
19700022064	Weather on other planets	1970
19700022088	Spectroanalytic characteristics of plasma obtained using a laser in the regular and quasistationary generation modes	1970
19700022089	Accounting for losses due to random jet flow mixing in hydrojets	1970
19700022090	Photometric investigations of nebula NGC 7023	1970
19700022264	Space storable inter-regen design study Final report	1970
19700022291	Introduction	1970
19700022292	Back scattering from terrain	1970
19700022293	Attenuation of radar signals by weather and the resulting effects on radar performance	1970
19700022294	Backscatter from rain	1970
19700022295	Visibility of runways with a mapping radar	1970
19700022296	Signal level calculations	1970
19700022297	Interference	1970
19700022488	Occurrence and behavior of current spokes in MPD arcs	1970
19700022551	Investigation of the preparation of materials in space Final report	1970
19700022633	High temperature oxidation resistant coatings	1970
19700022700	Measurement data processing on the SEPR HM4 liquid oxygen and hydrogen motor	1970
19700022708	Luminosity fluctuations of the planets Mars, Jupiter, Saturn, Uranus, and Neptune, and associated phenomena	1970
19700022717	Sensitivity algorithms for dimensional structure errors in the Kalman estimator	1970
19700022733	Use of a shock tube to investigate diffusers	1970
19700022735	Calculation of the second virial coefficient of dissociating gas	1970
19700022739	Application of the Laplace transformation to the solution of linear differential equations with variable coefficients	1970
19700022741	Optimum supply to aircraft electrically operated equipment	1970
19700022742	Comparison of hydraulic, pneumatic, and electric power for aircraft actuation systems	1970
19700022743	Maintainability and its tradeoffs with equipment cost and weight	1970
19700022744	Approach to define relative weighted factors which determine system effectiveness	1970
19700022745	Failure prediction, detection, and compensation	1970
19700022746	The diurnal variation of metabolic processes and of body temperature under conditions of fasting and complete muscle rest	1970
19700022783	Astronomy and Astrophysics, no. 6 - Annular solar eclipse, 20 May 1966	1970
19700022784	The lunar profile according to observations of the annular eclipse of 20 May 1966	1970
19700022785	Determining corrections for the coordinates of the moon according to observations of the annular solar eclipse on 20 May 1966	1970
19700022786	The accuracy of the determination of the coordinates of the site and the moments of observation of the annular solar eclipse of 20 May 1966	1970
19700022787	Description of the high-speed cassette and shutter used to observe the annular solar eclipse of 20 May 1966	1970
19700022791	Boiling point of uranium	1970
19700022792	Spectroscopic study of a uranium arc plasma	1970
19700022793	Generation of a fissioning plasma	1970
19700022807	Motion of a satellite with time dependent inertia tensor	1970
19700022808	The librational dynamics of a composite rigid- elastic satellite	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700022901	Signals of human operator state	1970
19700022902	The human operator in the control system	1970
19700022903	Experimental methodology	1970
19700022904	Signals of the state of attention	1970
19700022905	The electroencephalogram	1970
19700022906	Frequency of heart contractions	1970
19700022907	The speech signal	1970
19700022915	Goals and means in the conquest of space	1970
19700022916	Astronautics /developments and goals/	1970
19700022917	In the space around the sun. Islands of intelligence on the shores of the planet	1970
19700022918	In the depths of the Galaxy	1970
19700022919	Through the armor of time and distance	1970
19700022996	RF voltage breakdown in coaxial transmission lines	1970
19700023020	Laminar boundary layer in the presence of suction	1970
19700023021	Differential Prandtl equations. Integral relationships and boundary conditions	1970
19700023022	Certain precise solutions of the Prandtl equation	1970
19700023023	Approximate methods of calculation for a plane boundary layer	1970
19700023024	A three-dimensional boundary layer	1970
19700023025	A boundary layer with slot suction	1970
19700023026	Optimal suction of a laminar boundary layer	1970
19700023031	Weekly synoptic analyses, 5-, 2-, and 0.4-millibar surfaces for 1967	1970
19700023151	The excitation of ion bursts from grids	1970
19700023156	Crossed field electron analyzer and its application to the measurement of a distribution function	1970
19700023157	Study on the stability of boundary layers and compressible fluids	1970
19700023161	Creep of a multicomponent niobium alloy	1970
19700023201	Calculation of the motion of a shock wave and flow parameters in a shock tube with a noninstantaneously opening diaphragm	1970
19700023214	Reactivity of dianhydrides and effect of their hydrolysis in the synthesis of polyamino acids	1970
19700023222	A method of calculating supersonic flow around blunted bodies with detached shock waves	1970
19700023224	Hot gas recirculation measurements on four different-size models of a simple VTOL configuration	1970
19700023255	Combustion temperature of aerosols of metal powders	1970
19700023260	Aerodynamic coefficients for control surface- tab coupling in subsonic, bidimensional, unsteady flow	1970
19700023418	Correlation of X-ray Radiation /2 - 12 A/ with Microwave Radiation /10.7 cm/ from the Non-flaring Sun, 1 July 1966 - 25 December 1968	1970
19700023459	Evaluation of the effect of a yaw-rate damper on the flying qualities of a light twin-engine airplane	1970
19700023463	Method for determination of the accuracy of closed distant stationary orbits determined from range rate	1970
19700023480	Local spectrographic analysis of minerals with use of a ruby laser	1970
19700023485	Some patterns of the pulsating motion of a solid particle in turbulent flow	1970
19700023508	Linear theory of unsteady gas motion under the action of non-potential external forces	1970
19700023509	Spectrographic local microanalysis of mineralogic polished sections	1970
19700023510	Determination of the characteristics of shadow bands during the total solar eclipse of 15 February 1961	1970
19700023512	A new class of stepladder and ladder polymers - The polyimazopyrrolones	1970
19700023552	Problems of aftereffect phenomena in vidicon tubes	1970
19700023553	Diffraction of cylindrical waves on a perfectly conducting wedge in an anisotropic plasma	1970
19700023557	An apparatus to study collisions of ionized and neutral particles with gases at meteoric velocities	1970
19700023609	Motion of a cylindrical panel induced by an acoustic shock wave	1970
19700023621	Binary laminar boundary layer over a vertical surface with combined free and forced convection	1970
19700023622	Measurement of gas density in a supersonic rarefied flow by means of glow-discharge luminescence	1970
19700023625	The structure of the temperature field in a turbulent stream	1970
19700023626	Elastic payload suspension with great inner damping, shown in the case of a Javelin payload	1970
19700023636	Determination of the field of sound produced by a jet aircraft in motion	1970
19700023676	Recent experimental results on the combustion of aluminum and other metals	1970
19700023777	Appendix C - Observation requirements tabulations	1970
19700023778	Appendix D - Computer program description	1970
19700023855	Experimental determination of the rate of dissociation of fluorine in a shock tube	1970
19700023856	Theory of the gravitational stability of a rotating cylinder	1970
19700023858	Some self-similar solutions of the problem of an intense blast at a plate in a supersonic flow	1970
19700023859	Radiation from two parallel cylinders in a viscous medium	1970
19700023872	On the theory of ionization losses of fast electrons	1970
19700023873	Man in space	1970
19700023874	Chronicle of the space era	1970
19700023890	Entropy scheme for gas dynamics calculation	1970
19700023891	Combustion in supersonic streams flowing about various bodies	1970
19700023911	Minimal weight cylindrical shells with circular ribs subjected to axial loads	1970
19700023912	Iteration systems for computing the stress state of thin shells	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700023913	Viscous liquid flow in the initial segment of a flat channel with porous walls	1970
19700023914	Natural oscillations of a gas flowing about a lattice of plates	1970
19700023916	Stability of the laminar boundary layer over a deformable diaphragm type surface	1970
19700023917	The structure of low-density supersonic jets	1970
19700023918	Physics of the moon and planets	1970
19700023919	Propulsive evaluation of a ramjet installed under a wing up to Mach 7	1970
19700023921	On the question of efficient extraction of electrons from a plasma in a vacuum	1970
19700023978	Numerical method for solving non-stationary axisymmetric problems of hydrodynamics of an ideal fluid with free surfaces	1970
19700023979	Behavior of metallic beryllium in SM-2 reactors	1970
19700023980	Direct introduction of amino groups into the nucleus of aromatic nitro compounds	1970
19700023986	Calculation of turbulent flow characteristics in a channel with an internal rotating cylinder	1970
19700023987	One direct diagram of a method of characteristics for the calculation of a three dimensional gas flow	1970
19700023988	Boundary layer of a dual temperature plasma on the electrodes of a magneto-hydrodynamic channel with lattice type electric and magnetic fields at high values of the Hall parameter	1970
19700024056	Experimental investigations on the vibrations of cylindrical shells containing a liquid	1970
19700024078	Distribution of electricity on a thin finite cone	1970
19700024473	One method for establishing boundary conditions for problems of flow of a viscous fluid	1970
19700024474	A hyper-wideband microwave antenna	1970
19700024475	Tables of characteristic exponents of Mathieu equations	1970
19700024497	Wall effect on a helicopter rotor in a closed circular tunnel - Incompressible flow around a doublet placed in a closed circular tunnel	1970
19700024534	Tektite 1 Food Developments	1970
19700024567	Experimental research on humans in a state of hypothermia resulting from being confined to a life raft on the open sea	1970
19700024706	Gust effects on the dynamics of aircraft during landing approach	1970
19700024734	A statistical method for obtaining the combustion characteristics of metal particles	1970
19700024737	Impulse of forces and moments experienced by a slender wing in unsteady flow	1970
19700024763	Relationship between the renin-angiotensin system and the beta-adrenergic receptors in the thirst mechanism	1970
19700024778	Theory of the stability of sound in a nonhomogeneous medium	1970
19700024779	Calculation by an integral method of the laminar boundary layers under the effect of an entropy gradient	1970
19700024790	Four unresolved problems of planetary cosmogony	1970
19700024866	The problem of oscillations of a thin profile in a subsonic flow near a rigid boundary	1970
19700024867	Laminar boundary layer in a compressed gas at a given surface temperature and in the presence of suction	1970
19700024945	Generalization of gradient method of heat transfer investigations for the case of arbitrary dependence of the thermal conductivity coefficient of the wall on temperature	1970
19700024983	General method for determining the optimal turbine parameters with low volume flow	1970
19700024996	Indirect method of determining air flow through inside channel and gas temperature in front of double flow turbine	1970
19700024997	Conjugate problem of heat exchange with radiant heat exchange near plate surface	1970
19700024998	Distribution of turbulent flow on flat perpendicular obstruction	1970
19700025026	Recovery of zonal geopotential information from Goddard minitrack data	1970
19700025033	Mission training program for the fourth manned Apollo mission	1970
19700025046	Forced vibrations of laminated orthotropic cylindrical shells	1970
19700025128	Some suggestions concerning optical production and optical detection of a population inequality of the levels of spatial quantification of atoms. Application to the Stern and Gerlach experiment and to magnetic resonance	1970
19700025200	Air accidents over the sea and survival at sea	1970
19700025202	The problem of the distribution of intelligent life in the universe	1970
19700025309	Inhibition of the chemisorption of oxygen, hydrogen and chlorine on atomically pure graphite surface by the surface reaction products	1970
19700025310	Engineering formulas for solving boundary value problems for the Helmholtz and Poisson equations by the method of summary representations	1970
19700025340	The periodic movements of the primary leaves of <i>Canavalia ensiformis</i>	1970
19700025374	The problem of the existence of free physical libration of the moon	1970
19700025377	Method of estimating aerodynamic properties of an airfoil with a hinged flap and spoiler	1970
19700025432	Corrosion of reactor materials under irradiation	1970
19700025445	On the preventive measures against fire and blast hazards in the environment of high concentration of oxygen. Accidents in the pure oxygen low-pressure chamber at SAM and later countermeasures	1970
19700025465	Essay of an ocean-morphological interpretation of satellite pictures	1970
19700025604	The atmosphere of the planet Jupiter	1970
19700025793	The determination of polar wandering and continental drift by laser ranging to satellites	1970
19700025794	Determination of continental drift by laser ranging to satellites	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700025795	Direction-cosine attitude-control logic for spin-stabilized axisymmetric spacecraft	1970
19700025796	Optimal direction-cosine attitude-control logic for spin-stabilized axisymmetric spacecraft	1970
19700025797	Torque free motion of spin stabilized spacecraft	1970
19700025798	Space-based orbit determination	1970
19700025853	Problem of the operational reliability of flight control systems and automatic piloting of aircraft	1970
19700026613	Experiment and theory on the Forbush decrease in cosmic ray activity	1970
19700026625	Investigation of gamma radiation on AES Kosmos-135 with respect to possible antimatter meteors	1970
19700026650	Some problems in the theory of strong interactions	1970
19700026670	Effect of small magnetic storms on the diurnal variation of the neutron component of cosmic rays	1970
19700026685	Application of the direct line method in the search for positive periodic solutions for parabolic problems with Stefan-Boltzmann boundary conditions	1970
19700026690	Cosmic rays and plasma turbulence	1970
19700026697	Geochemical ecology of silt and soil microflora	1970
19700026698	On the mechanisms controlling the orientation of side roots and other plagiotropic plant parts	1970
19700026731	Extensive atmospheric showers and interactions among high-energy particles	1970
19700026732	Effect of properties of solar corpuscular flows on rate of electron formation in the lower ionosphere	1970
19700026733	Study of high-energy particles on Proton space stations	1970
19700026754	Data for a history of astronautics in Spain up to 1939	1970
19700026764	Some applications of the isodensity photographic method in spectroscopy	1970
19700026765	Some remarks on dynamic soaring	1970
19700026794	The effect of 3-methylisoxazole-5-carbonic acid on metabolism and thermoregulation of mice exposed to cold	1970
19700026816	Evolution of the cholinergic mediatory process in mollusks	1970
19700026817	The geochemical ecology of plants	1970
19700026826	Approximate solution of the two-dimensional problem in hydrodynamic theory of gas lubrication of radial sliding bearings	1970
19700026827	Density spectrum of the penetrating component of extensive atmospheric showers	1970
19700026828	Report of the EOLE experiment. News of the DIAL satellite	1970
19700027064	Mariner Mars 1971 project	1970
19700027065	Mariner Venus-Mercury 1973 project	1970
19700027066	Viking project, orbiter system and project support	1970
19700027561	Space instruments	1970
19700027562	Science data analysis	1970
19700027563	Lunar and planetary sciences.	1970
19700027564	Physics	1970
19700027565	Communications systems research	1970
19700027566	Communications elements research	1970
19700027567	Spacecraft radio	1970
19700027568	Spacecraft communications systems	1970
19700027569	Spacecraft power	1970
19700027570	Guidance and control analysis and integration	1970
19700027571	Spacecraft control	1970
19700027572	Materials	1970
19700027573	Applied mechanics	1970
19700027574	Data handling systems	1970
19700027575	Astrionics research	1970
19700027576	Aerophysics facilities	1970
19700027577	Space simulators and facility engineering	1970
19700027578	Solid propellant engineering	1970
19700027579	Polymer research	1970
19700027580	Research and advanced concepts	1970
19700027581	Liquid propulsion	1970
19700027582	Systems analysis research	1970
19700027583	Systems analysis	1970
19700027750	The Institute of High Temperatures of the USSR Academy of Sciences. The most important results of scientific research in 1969	1970
19700027751	Research on thermophysical and electrophysical properties of matter at high temperatures	1970
19700027752	Study of high-temperature processes of heat transfer, mass transfer, physical gas dynamics, and magnetohydrodynamics	1970
19700027753	Development and study of new heat-resistant structural materials	1970
19700027754	Development of installations for direct conversion of heat into electrical energy by means of MHD-generators and other new energy devices	1970
19700027911	A binary coded sequential acquisition ranging system	1970
19700027912	Investigations of very long baseline interferometry at Smithsonian Astrophysical Observatory	1970
19700027913	The Haystack planetary ranging radar	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700027914	Application of a model fitting procedure to the determination of unknown parameters in several theoretical backscatter models of Venus at 70-cm wavelength	1970
19700027915	Parameter estimation from sets of two- dimensional maps	1970
19700027916	The potential of interplanetary spacecraft data for testing gravitational theories	1970
19700027917	Reconstruction of JPL 1967 range data for Venus and the processing of radar data	1970
19700027918	Selected results from analysis of radar and optical observations of Icarus and the inner planets	1970
19700027919	Remarks on the inference of neutral atmospheric parameters from microwave occultation data	1970
19700027920	Profile inversion processing of radio occultation data for the determination of planetary atmospheres	1970
19700027921	Inverting radio occultation data using empirical orthogonal functions	1970
19700027922	Some characteristics of the solar atmosphere that may be investigated by a VHF antenna system	1970
19700027923	Radar studies of Venus at 3.8-cm wavelength	1970
19700027924	Radar measurements of lunar surface roughness	1970
19700028030	Synthesis of polyhydroxy alcohols by condensing aliphatic aldehydes and formaldehyde	1970
19700028031	Preparation of polyhydroxy alcohols from formaldehyde	1970
19700028140	Registration of space objects and their launches	1970
19700028155	Enzymatic processes on membrane models	1970
19700028157	The earliest forms of life in northern Eurasia	1970
19700028158	A quadrupole mass filter	1970
19700028174	Carbohydrate metabolism in invertebrates - Trends in its evolution	1970
19700028176	The derivation of the stability criteria of elastic equilibrium from the elasticity theory of finite deformations	1970
19700028186	Ultraviolet rays and one-celled organisms	1970
19700028208	Influence of flow turbulence on the efficiency of heat turbine blade systems	1970
19700028210	Contactless measurement of the tip clearance in a jet turbine engine	1970
19700028215	Comparative study of the specific properties of various forms of transportable /soluble/ ribonucleic acids and aminoacyl-RNA- synthetases	1970
19700028219	The effect of the law of molecular reflection on the aerodynamic characteristics of bodies in a rarefied gas flow	1970
19700028225	Trend in the microanalysis of synthetic detergents	1970
19700028226	Comparison of the takeoff and landing performances of jet- and fan- VTOL- aircraft	1970
19700028228	Thermally stable polymers	1970
19700028240	The complete works of Leonhard Euler	1970
19700028243	The role of mediators in individual development and the change in their functions in the process of evolution	1970
19700028248	Respiratory system of bacteria in the light of evolution	1970
19700028998	Research and development of a UHF correlator	1970
19700028999	Quasi-one-dimensional nozzle flows with vibrational and dissociational non-equilibrium	1970
19700029003	Biochemical evolution of enzyme systems as a basis of the functional evolution of vertebrates	1970
19700029004	Geological shifts at the dividing line between the Middle and Upper Devonian formations in the Czech Massif	1970
19700029057	Chemical ecology	1970
19700029067	Comparative biochemical study of muscles	1970
19700029134	The effect of a spike on the drag and stability of blunt bodies in supersonic flow	1970
19700029136	Determination of cerium, gadolinium, dysprosium, erbium, and ytterbium	1970
19700029152	Chemical and vibrational relaxation in supersonic carbon dioxide flows	1970
19700029160	The impact of a supersonic flow of gas on a flat obstacle	1970
19700029482	Investigation of the influence of duct- mounted Helmholtz resonators on the sound field of a model ducted propeller	1970
19700029914	Scale resistance of alloys in the ternary system Ni-Al-Cr	1970
19700029921	Gravimetry at the Belgian Royal Observatory	1970
19700029978	Electrowinning oxygen from silicate rocks	1970
19700029979	Experience of utilization of transistors for temperature measurements in bore-holes	1970
19700029980	Ground effect visualization at low speeds around aircraft models	1970
19700030023	Certain laws of change in brain albumins during phylogeny and ontogeny	1970
19700030077	Electronic tuning and short pulsing of dye lasers	1970
19700030078	Analysis of dye laser tuned by acousto-optic filter	1970
19700030079	Absorption coefficient, transition probability, and collision broadening frequency of dimethylether at He-Xe laser 3.51 micron wavelength	1970
19700030080	Observation of an enhanced Lamb dip with a pure Xe gain cell inside a 3.51 micron He-Xe laser	1970
19700030120	Equations for a semiempirical theory of turbulent transport	1970
19700030126	Structural and mechanical effects of interstitial sinks Quarterly progress report, 8 Jun. - 8 Sep. 1970	1970
19700030202	Mathematical methods for studying cardiac automatism and their application to space medicine	1970
19700030453	A technique for studying longitudinal wave velocity at high pressures using an acoustical delay line	1970
19700030472	Space Sciences Division	1970
19700030473	Telecommunications Division	1970
19700030474	Guidance and Control Division	1970
19700030475	Engineering Mechanics Division	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700030476	Astrionics Division	1970
19700030477	Environmental Sciences Division	1970
19700030478	Propulsion Division	1970
19700030479	Mission Analysis Division	1970
19700030510	The telecommunications program for satellite symphony	1970
19700030522	Lunar springboard effect	1970
19700030532	On the determination of the dynamical oblateness of the sun and of the coefficients beta and gamma of the generalized tensor of Robertson	1970
19700030533	Intake and jet effects of two lift fan configurations on flow past a wing	1970
19700030534	Variations of the accelerative field in some common amusements	1970
19700030585	Closed streamline, low Mach number flow of a compressible fluid	1970
19700030623	Quasi-two-dimensional flow through a supersonic cascade	1970
19700030624	On the benefit of space research seen from the German point of view - A macromodel for evaluating the order of magnitude of space research benefits for the Federal Republic of Germany	1970
19700030625	Gas adsorption on various kinds of adsorbents in low temperature-pressure regimes	1970
19700030629	The occurrence of detonation in a nonuniformly heated gas	1970
19700030670	Mascons of the lunar maria	1970
19700030821	Carbonaceous chondrites	1970
19700031013	Asymptotic solution for pressurized noncircular cylinders with nonuniform rings	1970
19700031079	Some aspects of the flow of an unsteady compressible laminary boundary layer around a flat plate	1970
19700031380	Mariner Mars 1971 project	1970
19700031381	Viking project, orbiter system and project support	1970
19700031653	An All-Solid State, S-Band Paramp Utilizing Microwave Integrated Circuits	1970
19700031713	Response of an acoustically loaded panel excited by supersonically convected turbulence	1970
19700031824	Development of binary digits that are sufficiently accurate for simulations and other uses Themis signal analysis statistics research program	1970
19700031868	Adaptive Stochastic Control for Linear Systems. Part 1 - Solution Method	1970
19700031884	Tunable optical parametric oscillators	1970
19700032059	Gas-surface interactions and orbital aerodynamic calculations Final report	1970
19700032165	Prelaunch, launch and inflight environment	1970
19700032166	Earth orbital environment	1970
19700032167	Interplanetary space environment	1970
19700032168	Lunar environment	1970
19700032169	Martian environment	1970
19700032170	Venus environment	1970
19700032243	Multidisciplinary research leading to utilization of extraterrestrial resources Annual status report, FY 1970	1970
19700032439	The NASTRAN user's manual	1970
19700032440	NASTRAN demonstration problem manual	1970
19700032559	Some results of color observations of the IC 2118 nebula	1970
19700032568	Operational air traffic control considering several optimality criteria	1970
19700032569	Laboratory equipment for measuring the elastic wave velocity in rock samples at high pressures and temperatures	1970
19700032570	Mass spectrometry of carbohydrates	1970
19700032575	Occurrence of filterable microorganisms in nature and their culturability	1970
19700032597	The photochemical reaction between benzonitrile and 2,3-dimethylbutadiene	1970
19700032599	The catalogue of reflection nebulae	1970
19700032603	The action of unsteady pressure pulse on a body in a liquid or gas	1970
19700032604	The turbulent flow of a conducting fluid in a longitudinal magnetic field	1970
19700032636	Recursive state estimation for a set- membership description of uncertainty Interim report	1970
19700032652	On the minimax reachability of target sets and target tubes	1970
19700032704	Aerodynamics - An asymptotic study of perfect fluid flows around weakly lifting three- dimensional bodies, in the sonic regime	1970
19700032708	Discrete levels of beginning height of meteors in streams	1970
19700032736	Characteristics and possibilities of the large sonic wind tunnel at Modane-Avrieux	1970
19700032771	Aerodynamic characteristics of air-cushion models at very low ground clearances and at free-stream dynamic pressures exceeding cushion pressure	1970
19700032791	The 10 micron emission feature in supergiants, interstellar dust and Comet Bennett 1969i	1970
19700032820	Explicit schemes of the location method in the problem of supersonic flows around a blunt body	1970
19700032821	Numerical solution of certain gas dynamic problems	1970
19700032842	Studies of the pulmonary circulation Annual report	1970
19700032843	Elemental abundances in meteoritic and terrestrial matter Annual progress report, 1 Sep. 1969 - 31 Aug. 1970	1970
19700032873	Investigation of zero gravity effects on material properties Final report, 5 Aug. 1969 - 5 Mar. 1970	1970
19700032877	Anisotropism of S-wave in dunite	1970
19700032891	The photo-telomerization of isoprene with prenyl bromide as the telogen	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700032892	Investigation of turbulence noise	1970
19700032942	Regularization of vector fields by surgery	1970
19700032951	On the very high purification of iron by the 'melted zone' method	1970
19700032957	Silastene coating for pollution reduction in a hot-shot wind tunnel. Inspection by spectroscopy	1970
19700032960	The 1969 Smithsonian standard earth and global tectonics	1970
19700033002	Foundation investigations NASA Mississippi Test Facility. Report 4 - Dynamic behavior of piling during initial test firings on the SC-1C and S-2 test complexes	1970
19700033008	Foundation investigations NASA Mississippi Test Facility. Report 2 - Static load testing of foundation piles at test stand S-II, AI	1970
19700033009	Foundation investigations NASA Mississippi Test Facility. Report 3 - Load transfer by foundations of S-1C and S-II test complexes during construction	1970
19700033015	Transonic flow past slender bodies	1970
19700033046	Lubbock tornadoes of 11 May 1970	1970
19700033072	Manned Space Flight	1970
19700033080	The theory of quantitative spectrographic analysis with a laser excitation source	1970
19700033144	Anisotropism of P-wave in dunite	1970
19700033196	The earth-moon test range	1970
19700033260	Unsteady pressure distribution measurements on an oscillating wing at subsonic and transonic speeds	1970
19700033314	Scientific and technical experiments performed aboard Soyuz-9	1970
19700033342	Some results of the flight of the Soyuz-9 spacecraft	1970
19700033348	Changes of mineral metabolism during hypokinetic conditions	1970
19700033350	Regeneration of the atmosphere in spacecraft cabins using unicellular algae	1970
19700033415	Photospheric magnetic field rotation - Rigid and differential	1970
19700033424	Study of reactivity to transverse accelerations and radioprotectants	1970
19700033455	Elliptic polarization when light is reflected from liquids	1970
19700033456	Plane and spherical wave velocities and energy flow in anisotropic media	1970
19700033478	Introduction - Description of the DSN	1970
19700033479	Mission support	1970
19700033480	Advanced engineering	1970
19700033481	Development and implementation	1970
19700033482	Operations and facilities	1970
19700033512	Discrete component in noise spectrum of supersonic jets	1970
19700033535	Problems of space biology. Volume 13 - Prolonged limitation of mobility and its influence on the human organism	1970
19700033536	Prolonged limitation of mobility as a model of the influence of weightlessness on the human organism	1970
19700033537	Organizational and methodological principles for the conduct of prolonged hypodynamia researches	1970
19700033538	Clinical observations in prolonged hypodynamia	1970
19700033539	Changes in electrocardiogram and statistical structure of cardiac rhythm in the course of confinement to bed	1970
19700033540	Hemodynamic changes during prolonged hypokinesia according to mechanocardiographic data	1970
19700033541	Hemodynamic changes during prolonged hypokinesia on the basis of the dye-dilution method	1970
19700033542	Phase changes in the cardiac cycle during prolonged hypodynamia according to polycardiographic and kinetocardiographic data	1970
19700033543	Influence of prolonged hypodynamia on heart size and the functional state of the myocardium	1970
19700033544	Certain peculiarities of external respiration and gas exchange during prolonged hypodynamia	1970
19700033545	Nutrition and metabolism during prolonged hypodynamia	1970
19700033546	Mineral saturation of bone tissue under conditions of prolonged hypodynamia	1970
19700033547	Investigation of certain biochemical blood serum indicators during prolonged hypodynamia	1970
19700033548	Urea content in the blood during prolonged limitation of mobility	1970
19700033549	Coagulability of blood during prolonged hypodynamia according to thrombo-elastographic data	1970
19700033550	Resistance to infection under conditions of hypodynamia	1970
19700033551	Functional state of the central nervous system during prolonged hypodynamia	1970
19700033552	Changes in the functions of the nervous and muscular systems under the influence of prolonged hypodynamia	1970
19700033553	Changes in certain human motor functions after prolonged hypodynamia	1970
19700033554	Changes in the biochemical peculiarities of walking under the influence of hypodynamia according to ichnographic data	1970
19700033555	State of psychic activity in subjects during prolonged confinement to bed	1970
19700033556	Stability of psychic functions during prolonged confinement to bed	1970
19700033557	Influence of prolonged hypodynamia on the state of the vestibular analyzer	1970
19700033558	State of the visual analyzer during hypodynamia	1970
19700033559	Physical conditioning for man under conditions of prolonged hypodynamia	1970
19700033560	Occlusion conditioning under the conditions of prolonged hypodynamia	1970
19700033561	Results from use of medication in individuals subject to prolonged hypokinesia	1970
19700033562	State of nervous-system functions during aftereffects of hypodynamia	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700033563	Results of investigations of the cardiovascular system during the aftereffect of 70-day hypodynamia	1970
19700033564	Regional arterial oscillographic indices during hypodynamia	1970
19700033565	An investigation of orthostatic stability after prolonged hypodynamia	1970
19700033566	Change in load-factor tolerance after 70 days of hypodynamia	1970
19700033567	Basic results from studies of the influence of 70-day hypodynamia on the human organism	1970
19700033569	Microelectronics research and technology for shuttle and space station	1970
19700033570	Development of trimming techniques for microcircuit thick-film and thin-film resistors	1970
19700033571	Development and fabrication of a microelectronic control accelerometer system	1970
19700033572	An MOS/LSI analog-to-digital converter	1970
19700033573	Computer-aided design of MOS/LSI arrays	1970
19700033574	Advanced aerospace computer technology	1970
19700033575	Multiplexed data bus techniques for advanced avionics systems	1970
19700033576	Reliability evaluation of bipolar LSI microcircuits	1970
19700033577	Microcircuits, 10- to 15-year space missions	1970
19700033689	Effects of 'orbital deconditioning' on crew/ passenger tolerance to orbiter reentry acceleration	1970
19700033690	Integrated life support systems for the space shuttle	1970
19700033691	Aircraft flight display/control information results and their relevance to shuttle application	1970
19700033692	Pacing crew systems technology objectives for SSV development	1970
19700033693	Space shuttle man-machine integration and aeromedical technology requirements	1970
19700033694	Space shuttle vehicle environmental-thermal control and life support technology	1970
19700033695	Crew and cargo transfer	1970
19700033696	Application of current spacecraft simulation techniques to shuttle	1970
19700033697	Results of pictorial display studies with potential application to orbiter approach and landing	1970
19700033735	Analysis and evaluation of spacecraft battery accelerated life test data	1970
19700033739	On the design of optimal constrained dynamic compensators for linear constant systems	1970
19700033763	Interplanetary sector structure near the maximum of the sunspot cycle	1970
19700033827	The NASTRAN Programmer's Manual	1970
19700046224	The vacuum probe sampler	1970
19700049124	Ultraclean technology	1970
19700055548	Microbial release from solids after simulated hard landings	1970
19700065518	A search for viable organisms in a lunar sample	1970
19700065532	Nuclear Track Studies of Ancient Solar Radiations and Dynamic Lunar Surface Processes	1970
19700065549	Thermoluminescence, X-Ray and Stored Energy Measurements of Apollo 11 Samples	1970
19700067411	A comparison of two model-discrimination criteria	1970
19700068282	Viruses respond to environmental exposure	1970
19700068308	Flame Spread over Fuel Beds: Solid Phase Energy Considerations	1970
19700072239	Martian environmental effects on solar cells and solar cell cover glasses Quarterly report	1970
19700072256	Washington University program on application of satellite communication to educational development Progress report	1970
19700072465	Safety analysis of structures subjected to random vibration Progress report	1970
19700072467	Temperature distribution and the location of the solidus, mushy and liquidus zones for binary alloys in remelting processes	1970
19700072916	Oblique electromagnetic reflection from layered lunar models Final progress report	1970
19700072965	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Feb. - 10 Mar. 1970	1970
19700073272	Radiolytic grafting of monomers on polymethylpentene film Semiannual research summary	1970
19700073986	Summary of properties of concave gratings in holography	1970
19700073990	Preparation for the operations FR-2, EOLE. Note 3 - Object - Description of the operation modes of the satellite for the call of the balloons. Telecommand, teleposting	1970
19700073991	Preparation for operations FR-2, EOLE. Note 4 - Object - Operation principle of the UHF equipment shipped	1970
19700074005	The space and technology transfer program Annual report, 1 Mar. 1969 - 28 Feb. 1970	1970
19700074009	Preparation for operations FR-2, EOLE. Note 1 - Object - Description of the principal characteristics of VHF connections - Satellite/balloon and balloon/ satellite	1970
19700074010	Preparation for operations FR-2, EOLE. Note 2 - Object - Project of defining technical equipment of the EOLE Operations	1970
19700074011	B - The useful charge	1970
19700074012	General statement on the functioning of the EOLE project	1970
19700074013	Evaluation of the probabilities of collision between balloons and airplanes Final report	1970
19700074025	Test equipment of the EOLE satellite. Balloon simulator. Balloon satellite connection	1970
19700074026	Study of electromagnetic wave reflection on the sea - Optical simulation	1970
19700074027	Integration plans of the CV 4 group 2	1970
19700074032	Presentation of the programming of the operational treatment of the scientific telemeasure of EOLE	1970
19700074083	Multidisciplinary space-related research Semiannual report, 1 Sep. 1969 - 1 Mar. 1970	1970
19700074084	Biology and engineering of space and planetary life systems Semiannual report, 1 Sep. 1969 - 28 Feb. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700074247	An investigation of diffraction by planetary atmospheres Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700074250	Control optimization, stabilization and computer algorithms for space applications Status report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700074551	Index of KSC Apollo tree documents and other KSC generated documents in the KSC library	1970
19700074573	Photophysical and photochemical properties of sterically hindered aryldiazonium salts	1970
19700074611	Study of molecular collisions in the 10 to 100 eV energy range Quarterly status report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700074797	Committee on Image Tubes for Telescopes Annual report, 1968 - 1969	1970
19700074862	Investigation into numerical solution of partial differential equations Final report	1970
19700074965	Progress report on NASA multidisciplinary grant 44-005-021	1970
19700075189	The future progress of space transportation	1970
19700075754	Organic molecules in space	1970
19700076067	Summary of the activity in plasma physics Annual status report, Jun. 1969 - Jun. 1970	1970
19700076074	Systems and Controls Laboratory Research report, Apr. 1970	1970
19700076085	Theoretical studies of some nonlinear aspects of hypersonic panel flutter Status report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700076086	Algebraic methods for analysis and design of control systems Semiannual progress report, Jun. 1969 - Jan. 1970	1970
19700076234	A multidisciplinary program in the space related sciences Final report, 1 Mar. 1963 - 31 Aug. 1970	1970
19700076303	The effects of non-contingent reinforcement and punishment Final technical report, period ending 30 Jun. 1970	1970
19700076409	Space shuttle phase B study plan	1970
19700076444	Rare earths in meteorites	1970
19700076452	Progress report, 1 December 1969 - 31 May 1970	1970
19700076512	The program of research in space-related sciences Final semiannual report, 1 Nov. 1969 - 30 Apr. 1970	1970
19700076623	A synopsis on the techniques and equipment required to control small hypergolic spills and fires	1970
19700076743	Passive falling sphere systems Conference summary	1970
19700077060	Selected papers. Part 2 - Heat and mass transfer in the vicinity of the triple interline	1970
19700077461	Spectroscopic relaxation processes of rare earth ions in crystals	1970
19700077537	Introduction to space shuttle status session	1970
19700077617	Observatory reports	1970
19700077869	Mineralogical applications of crystal field theory	1970
19700078005	Physiochemical food system studies Quarterly report	1970
19700078054	Gamma ray astronomy	1970
19700078086	Tektites as lunar volcanic ejecta	1970
19700078094	Aging of male Drosophila melanogaster - Histological, histochemical and ultrastructural observations	1970
19700078098	Semiannual progress report, 31 December 1969 - 1 July 1970	1970
19700078112	Ionospheric effects in solar eclipses	1970
19700078115	Quarterly report, 1 May - 31 July 1970	1970
19700078116	Interdisciplinary research concerning the nature and properties of ceramic materials Semiannual status report, 16 Dec. 1969 - 15 Jun. 1970	1970
19700078128	Quarterly report, 1 February - 30 April 1970	1970
19700078139	Elimination of coherent noise in a coherent light imaging system	1970
19700078154	Discrete source interpretation of recent high- energy cosmic gamma-ray measurements	1970
19700078196	Kinetics of surface oxidation of metals and alloys determined by solid electrolyte techniques Final report	1970
19700078230	Differential adjoints in inner product spaces generated by positive weight functions	1970
19700078236	Disorders of the brain stem and its cranial nerves, chapter 29	1970
19700078254	Lunar landform table	1970
19700078270	Interocular adaptation in the frog	1970
19700078298	Finite amplitude waves in fluid filled rubber tubes of circular cross section	1970
19700078350	Dispersion dipole between S-state atoms	1970
19700078400	Temperature and mass dependence of rate processes in solids due to anharmonic effects and the Bose-Einstein distribution of phonons	1970
19700078427	The Latest Flight of Stratoscope 2	1970
19700078542	What NASA/RECON can do for you - A computerized information system at your fingertips	1970
19700078544	Polypeptide degradation by dipeptidyl aminopeptidase 1 /cathepsin C/ and related peptidases	1970
19700078564	Quarterly report	1970
19700078713	A strong lower bound on free distance for periodic convolutional codes	1970
19700078727	The role of liquid and solid particulate matter in the transfer of radiation through the atmosphere Quarterly report, 1 Mar. - 31 May 1970	1970
19700078839	Disorders of the hypothalamus and pituitary gland	1970
19700079005	Thermal stratification in enclosed fluids due to natural convection Thesis digest	1970
19700079104	Stability of natural-convection between two vertical, parallel plates at different temperatures	1970
19700079110	Berlin Technical University, Special Branch for Research in Magnetohydrodynamics /SFB-MHD/	1970
19700079242	Analysis of 17898 tau+/- decays at rest	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700079324	On certain closed-form solutions to problems of wave propagation in a strain-hardening rod	1970
19700079342	Test report for Sigma-Netics pressure switch, part no. 704044	1970
19700079344	Configuration-space three-body scattering theory	1970
19700080788	Immunoneurological studies on the brain Semiannual progress report	1970
19700081075	Growth of large single crystals of argon	1970
19700081076	The effective cross section for K-shell ionization of aluminum by electron impact /3-30 keV/	1970
19700081078	Metabolism of 2,3-diphosphoglycerate and glycolysis in human erythrocytes. The influence of sulfate, tetrathionate and disulfite	1970
19700081086	Bacteria semi-resistant to bacteriophage, 1. Techniques - Strains and phage used. Lysis on an agar medium	1970
19700081089	The FU-180 Franco-Soviet program of upper atmosphere measurements	1970
19700081162	A method of preparation of non-inflammable polyurethane foams	1970
19700081230	Preliminary earthquake phases, 29 Dec. 1969 - 7 Jan. 1970	1970
19700081242	Optical and infrared masers Semiannual status reports, 1 Oct. 1968 - 31 Mar. 1969, 1 Apr. - 30 Sep. 1969	1970
19700081258	Nuclear Particle Detection System /NPDS/ response analysis	1970
19700081553	Advanced injector concepts investigation Interim final report	1970
19700081567	Apollo Mission 10. Volume 1 - Trajectory reconstruction and postflight analysis	1970
19700081568	Houston Operations Predictor/Estimator /HOPE/ engineering manual	1970
19700081572	Advanced spacecraft subsystem cost analysis environmental control system. Volume 2 - Summary	1970
19700081573	Advanced spacecraft subsystem cost analysis environmental control system. Volume 4 - Estimating techniques	1970
19700081578	Advanced spacecraft subsystem cost analysis environmental control system. Volume 3 - Cost and technical data	1970
19700081615	Advanced feed system component interaction analysis Quarterly status letter, period ending 31 Dec. 1969	1970
19700081640	Translations on French nuclear, missile, space, and related military developments	1970
19700081641	Translations on French nuclear, missile, space, and related military developments	1970
19700081643	Translations on French nuclear, missile, space, and related military developments	1970
19700081679	Saturn 5 launch vehicle flight evaluation report - AS-507 Apollo 12 mission	1970
19700081707	Intermediary metabolism during brief and prolonged low tissue temperatures Progress report, 1 Jan. - 31 Dec. 1969	1970
19700081722	Adaptive antennas for automatic interference rejection	1970
19700081755	Task 1 space storable propellant module environmental control technology Summary report	1970
19700081886	Research in the field of molecular collision phenomena using molecular beam techniques Semiannual status report, 1 Apr. - 30 Sep. 1969	1970
19700081889	Development of mechanical plastic sterile insertion engineering model hardware, volume 1 Final report, Jun. 1968 - 4 Apr. 1969	1970
19700081918	Analysis of landing point redesignation capability, Apollo 13 Mission H-2	1970
19700081919	Apollo guidance, navigation and control. Man-machine design for the Apollo navigation, guidance and control system, revisited - Apollo, a transition in the art of piloting a vehicle	1970
19700081921	Apollo spacecraft systems analysis program. Rendezvous radar data analysis - H-1 mission Final report	1970
19700081983	Determination of the current distribution for aerial arrays of collinear elements with any number of sidelobes having equal maxima	1970
19700081984	Silicon nitride - A corrosion-resistant high-temperature material	1970
19700081985	Initiation and evaporating rates in thermal sweating	1970
19700081986	Laser-emission spectral microanalysis in various wavelength regions	1970
19700081987	Multiradar - A composite radar computer system for automatic air control	1970
19700081988	The combined X-ray and microspectrographic determination of very small grains of ore minerals	1970
19700081989	New possibilities of ultrasonic diagnosis in gynecology and obstetrics	1970
19700082051	Permeability of the hemostatic thrombus to plasma	1970
19700082069	State of matter under very high pressures and temperatures	1970
19700082071	Description of cortical and ocular response to Intermittent Light Stimulation /ILS/ in man	1970
19700082084	Cast segment evaluation Quarterly progress report, 18 Sep. - 17 Dec. 1969	1970
19700082088	ASSCAS cost handbook, environmental control system. Volume 1 - Cost and technical data	1970
19700082089	ASSCAS cost handbook, environmental control system. Volume 2 - Estimating techniques	1970
19700082090	ASSCAS cost handbook, structure/subsystem integration. Volume 1 - Cost and technical data	1970
19700082091	ASSCAS cost handbook, structure/subsystem integration. Volume 2 - Estimating techniques	1970
19700082092	Enzyme activity in terrestrial soil in relation to exploration of the Martian surface Semiannual progress report, 1 Jul. - 31 Dec. 1969	1970
19700082094	Synthesis of porphine-like substances from simple precursors Status report, 1 Jun. - 30 Nov. 1969	1970
19700082095	Abiogenic formation of pyrroles under primitive earth conditions Progress report	1970
19700082096	Radio Attenuation Measurements /RAM/, series C, flight B	1970
19700082163	Advanced spacecraft subsystem cost analysis, structure/subsystem integration. Volume 1 - Condensed summary	1970
19700082164	Advanced spacecraft subsystem cost analysis, structure/subsystem integration. Volume 2 - Summary	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082165	Advanced spacecraft subsystem cost analysis, structure/subsystem integration. Volume 3 - Cost and technical data	1970
19700082166	Advanced spacecraft subsystem cost analysis, structure/subsystem integration. Volume 4 - Estimating techniques	1970
19700082167	The role of depressed metabolism in increased radio-resistance, and the alteration of intestinal function by irradiation and radiomimetic drugs Semiannual status report	1970
19700082170	Stability characterization of advanced injectors Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700082196	Houston Operations Predictor/Estimator /HOPE/ users manual	1970
19700082204	Investigation of the basic foundation of masers and lasers Semiannual status report	1970
19700082225	Development of mechanical plastic sterile insertion engineering model hardware, volume 2 Final report, 4 Apr. 1969 - 31 Jan. 1970	1970
19700082246	Passive damping of spacecraft rotational motion	1970
19700082316	Investigation of space storable propellant acquisition devices Quarterly letter report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700082318	The development of a program to apply the method of invariant modeling to the calculation of compressible turbulent boundary layers Final report	1970
19700082367	LM-6 LR altimeter beam performance near touchdown	1970
19700082369	LM-4 and LM-5 /and subsequent/ environmental control system performance under contingent conditions	1970
19700082370	Landing radar low altitude error model	1970
19700082371	Multi-conic propagator	1970
19700082400	Cosmic ray investigations utilizing an emulsion chamber-calorimeter combination Semiannual status report, 1 Jul. - 31 Dec. 1969	1970
19700082401	Reaction wheel scanner program /SAGS/ Final report	1970
19700082404	Apollo guidance, navigation and control. A comprehensive digital simulation for the verification of Apollo flight software	1970
19700082405	Apollo guidance, navigation and control. The impact of LSI /Large Scale Integration/ on system packaging	1970
19700082412	A technique for computing Doppler velocity sensor power spectral density for specified terrains	1970
19700082433	Users manual for version 2 of the PNCH08 data extraction program	1970
19700082446	The deposition of compound semiconductors by evaporation in a high vacuum	1970
19700082454	Inertia tests of a 22.7 foot twin keel parawing, model 2	1970
19700082465	The vitamin E activity of different tocopherol metabolites by the hemolysis test	1970
19700082471	Liquid crystals and atherosclerosis	1970
19700082472	The ultrasonic echo sounding scan apparatus Vidoson in gynecology and obstetrics	1970
19700082473	Blood vessels and interstitial tissues in heterotransplanted human gastro-intestinal tumors	1970
19700082474	Movement of fluorescent dyes in the hamster cheek pouch	1970
19700082483	A new aerodynamic wind tunnel, mobile-wall diffusers	1970
19700082490	Dynamics of boiling water reactors with natural circulation	1970
19700082500	Scramjet exploratory development program /U/	1970
19700082504	Measuring Acceleration in Low-altitude Flight in Fast Aircraft and its Effect on the Pilot	1970
19700082505	Tumor-host relations in assessing chemotherapeutic effects	1970
19700082510	Force tests on a separable-pod crew escape capsule in proximity to the parent fuselage at Mach numbers 2 through 5 Final report	1970
19700082512	Flexible rolled-up solar array Quarterly technical report, 29 Sep. - 21 Dec. 1969	1970
19700082514	A 30,000-rpm vane-pump demonstration Interim technical report, 1 Oct. - 31 Dec. 1969	1970
19700082516	Remote area landing systems, supplement 2	1970
19700082522	Seismic Data Laboratory Quarterly technical summary report, Oct. - Dec. 1969	1970
19700082523	Translations on French nuclear, missile, space, and related military developments, no. 215	1970
19700082524	Isotopic concentration check system described	1970
19700082525	La Hague UP2 plant routine testing described	1970
19700082526	Continuous-testing system at Marcoule reviewed	1970
19700082527	Spectrophotometric routine-testing automation	1970
19700082528	Control laboratory treats analytical results	1970
19700082529	Burn-up determination by chemical analysis	1970
19700082530	Developments in atomic absorption spectrometry	1970
19700082531	Neutron activation analysis development reviewed	1970
19700082532	Charged particle and gamma photon activation analysis	1970
19700082533	Analytical Methods Commission described	1970
19700082540	Commercial ethyl acrylate-acrylic acid copolymer evaluation	1970
19700082555	Correlation of schlieren, radiation, and radar measurements in the far wake of nonablating hypervelocity spheres at low Reynolds numbers Final technical report, Dec. 1967 - Feb. 1969	1970
19700082575	Significance arithmetic experimental package /SigPac/	1970
19700082582	Data quality in the presence of ionospheric scintillation	1970
19700082610	Optics - On the optical mirage phenomena caused by elastic waves	1970
19700082618	Mode 1A certification of the automatic carrier landing system AN/SPN-42T1 at NAS Lemoore Final report	1970
19700082619	Technical evaluation of RF voltmeters Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082645	F-14 airplane, automated aircrew escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring Interim report, 12 Oct. - 31 Dec. 1969	1970
19700082648	Flight control systems	1970
19700082653	Research studies and the development of MHD generators and accelerators Final report, Aug. 1963 - Dec. 1969	1970
19700082655	Sensitivity tests on AN/SPN-42T1 receivers Final report	1970
19700082656	Technical evaluation of precision receiver field change kit for radar set AN/CPN-4A Final report	1970
19700082662	The influence of erythropoietin and somatotrophic hormone on reticulocyte maturation in vitro	1970
19700082663	Microwave instantaneous frequency indication receiver Quarterly report, Jul. - Sep. 1969	1970
19700082669	Composite materials reinforced by fibers - The case of alumina whiskers	1970
19700082686	Turbocompressors	1970
19700082703	Laser-beam welding process development Interim engineering progress report, 1 Oct. 1969 - 31 Dec. 1969	1970
19700082708	Altitude performance of five Thiokol Chemical Corporation TE-345 Titan vernier solid-propellant rocket motors having ages ranging from 82 to 86 months Final report	1970
19700082722	Stability of elastic nonlinear panels placed in a stream of supersonic gas	1970
19700082724	Study of Rectangular-guide-like Structures for Millimeter Wave Transmission Progress Report, 1 Oct. 1969 - 31 Jan. 1970	1970
19700082725	Development of multivariate functional models by least squares	1970
19700082740	Mossbauer studies at high pressure Annual progress report, 1 Mar. 1969 - 28 Feb. 1970	1970
19700082744	A differential-enthalpy study of the alpha reversible reaction beta transformation in plutonium	1970
19700082745	Theoretical and experimental work in nuclear physics Progress report, 1 Apr. 1969 - 31 Mar. 1970	1970
19700082746	Research study on low cost earth orbital transportation system synthesis by economic analysis. Volume 1 - Executive summary Final report	1970
19700082747	Research study on low cost earth orbital transportation system synthesis by economic analysis. Volume 2 - Technical report Final report	1970
19700082749	Research study on low cost earth orbital transportation system synthesis by economic analysis. Volume 4 - The shuttle sizing program users manual Final report	1970
19700082750	The behavior of carbon in liquid sodium - A review of solubility and transport phenomena	1970
19700082752	Evaluation of a TZM isotopic heat source fire test capsule	1970
19700082756	Development of a manufacturing process for contoured disks Interim engineering report, 1 Oct. - 31 Dec. 1969	1970
19700082769	Research in nuclear chemistry and radiochemistry Progress report, 1 Jan. - 31 Dec. 1969	1970
19700082775	Resistance spot weld-adhesive bonding process Interim technical progress report, 15 Oct. 1969 - 15 Jan. 1970	1970
19700082790	Advanced chemical milling processes Interim engineering progress report, 1 Oct. - 31 Dec. 1969	1970
19700082795	UHF RF preselector study Final development report, 15 Sep. 1969 - 3 Jan. 1970	1970
19700082801	Wind tunnel force tests of a sting-mounted BLU-26/B bomblet model at subsonic and supersonic speeds Final report	1970
19700082806	B-57G aircraft MIL-STD-833 electromagnetic radiation hazards to electro-explosive devices	1970
19700082809	Separation characteristics of six stores from the A-7D aircraft at Mach numbers from 0.42 to 0.95 Final technical report, 25 Sep. - 25 Oct. 1969	1970
19700082810	Dynamics of viscous fluid oscillations in hydraulic lines	1970
19700082823	Reentry Hazards Analysis Program /RHAP/, users manual	1970
19700082824	Technical investigation of sweep calibration systems Final report	1970
19700082827	TFRAF and PGRAF typewriter and line printer plotting routines for the IBM 1800 computer	1970
19700082830	Absolute reflectance measurements with a ratio recording spectroreflectometer Final report, 1 Mar. 1968 - 24 Jan. 1969	1970
19700082833	Development of microwave semiconductor noise diode and diode holder Quarterly report, 17 Jul. - 16 Oct. 1969	1970
19700082835	Environmental sensitivity of structural metals - Liquid metal embrittlement Status report, 1 Oct. - 31 Dec. 1969	1970
19700082842	Low current plasma arc welding Interim technical report, 16 Oct. 1969 - 15 Jan. 1970	1970
19700082844	Development and demonstration of manufacturing techniques for joining bimetal shafts Interim engineering progress report, 1 Oct. - 31 Dec. 1969	1970
19700082847	Apollo/Saturn 5 consolidated instrumentation plan for AS-508 /Apollo 13/	1970
19700082849	Opto-acoustic correlation devices Technical publication, Oct. 1967 - Aug. 1968	1970
19700082854	Force tests on the FDL-6 lifting body configuration at Mach numbers 6 and 8 /U/ Final report	1970
19700082862	Propellants, rockets and missiles /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1969	1970
19700082867	Manufacturing methods for a storable liquid oxidizer /U/ Final report, Aug. 1967 - Nov. 1969	1970
19700082870	B-57G radiation hazard test report /U/	1970
19700082871	Restrictive conditions on the elastic potential for a compressible anisotropic hyperelastic solid	1970
19700082874	High Mach number, high Reynolds number perfect gas wind tunnels, and a method of performance comparison Final report, 5 May - 15 Jul. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700082888	Translations on French nuclear, missile, space, and related military developments. No. 220 - Action of very short laser pulses on a solid target	1970
19700082896	Development of a packageable oxidizer /U/ Final technical report, 1 Jan. - 30 Nov. 1969	1970
19700082899	Synthesis of HTPB and CTPB prepolymers by anionic and free-radical polymerization /U/	1970
19700082926	The refractive index of pure water and seawater as a function of high pressure and moderate temperature. Part 2 - Pure water for a wavelength of 6328 Angstroms	1970
19700082927	Quantum interferometer Final technical report, 15 Oct. 1968 - 15 Dec. 1969	1970
19700082942	Reusable subsystems design/analysis study. Volume 1 - Management study summary /U/ Final report, Dec. 1968 - Jul. 1969	1970
19700082943	Reusable subsystems design/analysis study. Volume 2, part A - Technical study report /U/ Final report, Dec. 1968 - Jul. 1969	1970
19700082944	Reusable subsystems design/analysis study. Volume 2, part B - Technical study report /U/ Final report, Dec. 1968 - Jul. 1969	1970
19700082945	Reusable subsystems design/analysis study. Volume 3 - Supplemental data /U/ Final report, Dec. 1968 - Jul. 1969	1970
19700082950	Simulated altitude performance of five Thiokol Chemical Corporation TE-344 Titan 2 retrorockets having ages from 75 to 80 months /U/ Final report	1970
19700082953	Development of a new gas-generator propellant system /U/	1970
19700082961	Development of linear power tubes Interim development report, 17 Aug. - 16 Nov. 1969	1970
19700082966	Temperature, salinity, and optical refractive index microstructure in the ocean	1970
19700082972	Development of high temperature resistant materials for use in naval ordnance Quarterly report, 5 Oct. 1969 - 4 Jan. 1970	1970
19700082974	Some guidelines to the prediction of reflected energy from laser illuminated targets Technical note	1970
19700082977	A long-period noise study at Murphy Dome, Alaska /LRSM site FB-AK and Alpa site 3-4 Seismic Data Laboratory report	1970
19700082990	Protective films and structure-dependent corrosion in aluminum	1970
19700082993	Investigation of spatial data-processing techniques applicable to the field operation of infrared scanner reconnaissance systems Quarterly progress report, 16 Jun. - 16 Sep. 1969	1970
19700082997	Proceedings of the 1969 Army Numerical Analysis Conference Interim technical report	1970
19700082998	Comparative energy expenditure for static and dynamic contractions in man	1970
19700083041	High performance fuel cell Quarterly technical report, 1 Oct. - 31 Dec. 1969	1970
19700083101	The effect of composition on the mechanism of stress-corrosion cracking of titanium alloys in N ₂ O ₄ , and aqueous and hot-salt environments Interim report, 1 May - 31 Oct. 1969	1970
19700083102	The solar atmosphere and the structure of active regions Quarterly status report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700083107	Onboard management of future manned spacecraft	1970
19700083108	Review of recent developments - Titanium and titanium alloys	1970
19700083113	Development of composite materials for high temperature applications Final report, 18 Dec. 1968 - 18 Dec. 1969	1970
19700083114	T55-L-11 engine support for CH-47C aircraft US Army test programs Progress report, 1-31 Dec. 1969	1970
19700083118	Reactive stream separation photography Interim report	1970
19700083119	Permanent magnets for electronic tubes in the microwave range	1970
19700083120	Modification of natural radioresistance of the mouse following a number of days of exposure to hypoxia. Functional state and radioresponses of hematopoietic tissues. Part 2 - Erythropoiesis	1970
19700083123	Modified acoustic modes as an alleviation technique	1970
19700083124	Comparative RF plane wave properties of uniform and nonuniform Gaussian plasma slabs	1970
19700083127	The summation of sound signals from simultaneous commentaries	1970
19700083149	Response of circulatory system to heat stress - Cardiac output and blood flow in legs at increasing room temperature	1970
19700083150	Behavior of a number of bodily functions during a seven-day rhythm experiment and the importance of time consciousness	1970
19700083151	The physiological equivalence of negative dynamic work in man	1970
19700083159	Electrolytic ignition system for monopropellants	1970
19700083163	Development of microphones for high ambient noise operation Final report, Jul. 1967 - Aug. 1969	1970
19700083173	Sputter-ion source mass spectrometer studies of thin films Final report, May 1966 - Jun. 1969	1970
19700083175	VHF/UHF radar ground clutter reduction techniques, phase 2 Final report	1970
19700083180	Special testing of calibrated spectrum analyzing receiver CSR-200 Final report, 23 Jun. - 29 Aug. 1969	1970
19700083181	Contractors carrier suitability demonstration of the A-4L airplane /A-4C update, AFC-446/ Final report	1970
19700083183	Chemical strengthening of ceramic materials Summary report, 7 Jan. 1969 - 6 Jan. 1970	1970
19700083185	Exploratory development program Quarterly progress report	1970
19700083194	Translations on French nuclear, missile, space, and related military developments, number 216	1970
19700083198	Improved Hawk-multiple target digital simulation. Volume 1 - Programmers manual Final report	1970
19700083199	Investigation of rotor blade tip-vortex aerodynamics Progress report, May 1969 - Feb. 1970	1970
19700083200	Trajectory optimization techniques and computer programs, mission planning and analysis, and orbit determination Final report, Feb. 1968 - Jan. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083202	Evaluation and Application of Data from Low Gravity Orbital Experiment. Phase 2 - Marker and Cell Method for Solution of Fluid Dynamics Problems Quarterly Progress Report, 1 Oct. - 31 Dec. 1969	1970
19700083203	Research and documentation to determine experimentally the quantitative effects of the addition of sodium mercaptobenzothiazole /NACAP/ contained in the Grumman /GAEC/ type 1 water/glycol Final technical report	1970
19700083204	Advanced Injector Concepts Investigation Quarterly Progress Report, 1 Oct. - 31 Dec. 1969	1970
19700083205	Translations on French nuclear, missile, space, and related military developments, no. 213	1970
19700083206	Direct lunar landing survey and optimization program. Part 1 - Mathematical formulation Final report	1970
19700083207	Direct lunar landing survey and optimization program. Part 2 - Users guide Final report	1970
19700083208	Direct lunar landing survey and optimization program. Part 3 - Program description Final report	1970
19700083218	Near-zone calibrations for antennas and field intensity meters Final technical report	1970
19700083219	Aircraft electric control equipment preproduction responsibility for Pemco-Stanton type FHN47WB fuseholder Final report	1970
19700083222	Navy evaluation of the Bell model 211, Hueytug, for the VERTREP mission Final report	1970
19700083223	Evaluation of NAS, North Island shaft seal modification for the Thompson model TF-3500 fuel pump	1970
19700083224	Qualification tests for aircraft lighting equipment /Seaboard Electronic Corporation part number 3248-2, position-light flashers/ Final report, Nov. - Dec. 1969	1970
19700083230	A rapid determination of the graphite fiber content of plastic composites	1970
19700083234	Force tests on a separable-pod crew escape capsule in proximity to the parent fuselage at Mach numbers 0.3 through 1.2 Final report	1970
19700083235	Dispersion-strengthened metal structural development Interim technical report, 1 Nov. 1969 - 1 Feb. 1970	1970
19700083237	Protective mask electronic speech devices Quarterly progress report, Jun. - Sep. 1969	1970
19700083241	Evaluation of high purity 18 Ni /300/ maraging steel forgings Technical management report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700083243	Circular sonic lateral jet interaction effects on a flat plate at Mach number 18.5 using a small solid monopropellant rocket motor Final report, 21 Feb. - 2 Aug. 1968	1970
19700083246	Setting performance criteria for visual display generated by television Final report, 5 Apr. 1968 - 31 Jul. 1969	1970
19700083247	Large-scale integrated circuit arrays Technical report, 3 Jan. 1966 - 2 Jan. 1969	1970
19700083248	Satellite mass determination using live data Final technical report	1970
19700083249	Characteristics of the quenched-domain mode of Gunn-effect devices	1970
19700083250	X-band p-i-n diode phase shifter Final technical report, 21 Feb. 1968 - 20 Jul. 1969	1970
19700083251	The determination of hydrogen sulfide in the atmosphere over Warsaw	1970
19700083253	Mirror panel solar absorptance test Final report	1970
19700083258	Altitude performance of five United Technology Center Titan 2 translation motors having ages from 76 to 83 months Final report, 16-22 Aug. 1969	1970
19700083259	Effects of surface gaps and steps on laminar heat-transfer rates at local Mach numbers from 3 to 10 Final report	1970
19700083261	Production engineering of ferrite powder by fluid bed technique Quarterly report, Apr. - Jun. 1969	1970
19700083263	EMC data collection techniques. Test method RE Interim report, 2 May - 2 Nov. 1969	1970
19700083264	Special testing for radar range calibrator AN/USM-115 Final report	1970
19700083266	Fire extinguishants and corrosion damage	1970
19700083267	Calculation of low-energy atomic collision processes Technical report, 15 Jan. 1968 - 17 Jan. 1969	1970
19700083268	High-speed logic for video processing Final report, 15 Oct. 1968 - 15 Feb. 1970	1970
19700083269	The embrittlement of Ti-Al and Ti-8Al binary alloys in seawater	1970
19700083275	High average power laser amplifier chain techniques Final technical report	1970
19700083277	F-14 aircraft, automated aircrew escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development Interim report	1970
19700083278	Evaluation of the overall root-mean-square fluctuating pressure levels in the AEDC PWT 16-ft transonic tunnel Final report	1970
19700083279	Segmented ruby oscillator-amplifier Final report, Nov. 1967 - Oct. 1969	1970
19700083282	Investigation of real time spectral analysis in a general purpose computer	1970
19700083283	Production engineering measures for hybrid circuit solid state front end Quarterly progress report, 29 Mar. - 29 Jun. 1969	1970
19700083285	Efficiency of hydrazine-peroxide fuel cells Research and development report, Nov. - Dec. 1968	1970
19700083293	The manufacture of sealed silver cadmium spacecraft batteries from dry unsealed cells	1970
19700083295	Real time single lens coherent optical correlator Final report	1970
19700083298	Heterogeneous ignition theory	1970
19700083299	Flow field characteristics beneath the F-4C aircraft at Mach numbers 0.50 and 0.85 Final report	1970
19700083301	A new airways surveillance radar 'AVIA B'	1970
19700083303	Arc discharge tubes with metal vapors serving as intensive sources of infrared radiation	1970
19700083306	Hot-corrosion behavior of several newly developed nickel-base superalloys	1970
19700083309	An application of holographic interferometry to the study of transient phenomena of rolling-contact bearings	1970
19700083310	Threshold extension revisited	1970
19700083319	Long period array processing development Quarterly report, 1 Nov. 1969 - 31 Jan. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083320	Development of electromagnetic, ballistic, and ultrasonic techniques for riveting and the application of ultrasonic techniques for drilling	1970
19700083324	QKS1267 refinement program Quarterly development report, 24 Jun. - 30 Sep. 1969	1970
19700083336	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments Semiannual report	1970
19700083338	Translations on French nuclear, missile, space, and related military developments no. 223	1970
19700083339	Nuclear flight system definition study potential flight test payloads barium cloud experiment. Volume 1 - Summary report	1970
19700083340	Nuclear flight system definition study potential flight test payloads barium cloud experiment. Volume 2 - Detailed technical report	1970
19700083341	Nuclear flight system definition study potential flight test payloads barium cloud experiment. Volume 3 - Technology report	1970
19700083347	Glass bath heating of forging stock Interim engineering progress report no. 2, 1 Nov. 1969 - 31 Jan. 1970	1970
19700083348	Integrated circuit techniques for display Quarterly report, 2 Jun. - 2 Sep. 1969	1970
19700083351	Active interference cancellation system Final technical report, Mar. - Jul. 1969	1970
19700083353	Test and evaluation of the Kodak video color negative analyzer model 1-K Final technical report	1970
19700083359	Application of ink-jet marking to the titling of processed photographic film Final technical report, 1 May - 15 Sep. 1969	1970
19700083366	Study of effect of solidification structure on strength of metals Final summary report	1970
19700083368	Flight report for Delta vehicles/N20012 Delta program mission number 74 spacecraft - Skynet A /IDCSP/A-A/	1970
19700083372	Electronic guidance of rockets	1970
19700083374	Transactions of the 15th Conference of Army Mathematicians	1970
19700083376	Development of LP wave discrimination capability using LP strain instruments Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700083378	Production engineering measures for hybrid integrated circuit solid state front end Quarterly progress report, 29 Jun. - 29 Sep. 1969	1970
19700083381	Improved insulators for IC technology Final report, 16 Jan. 1969 - 15 Jan. 1970	1970
19700083383	Damage threshold studies of glass laser materials Semiannual technical report, 30 Jun. - 31 Dec. 1969	1970
19700083384	Operational service suitability of precision infrared survivor locating device Final report	1970
19700083393	Sorption properties of activated carbon Quarterly progress report, 27 Jun. 1969 - 27 Jan. 1970	1970
19700083398	Technical evaluation of transmitting set, telemetric data systems AN/DKT-30/V/ 1 and 2 /U/	1970
19700083411	A critique of turbine engine development policy /U/	1970
19700083412	Development of a propellant charge for a thrust-floated-gyro motor /U/ Final technical report	1970
19700083415	SHF airborne distributed phased array antenna /U/ Interim technical report, 7 Jun. - 15 Dec. 1969	1970
19700083421	NF smokeless propellants /U/	1970
19700083422	Scale-up and evaluation of HTPB propellants /U/	1970
19700083428	Multi-engine sonic analyzers for aircraft propulsion systems and field evaluation Final report	1970
19700083430	Development of barium sodium niobate crystals for Q switch and second harmonic generation applications Semiannual report, 27 Jan. - Aug. 1969	1970
19700083431	The effect that the probability of a successful approach has on the landing rate of six like aircraft	1970
19700083432	RADTRAJ - A program to stimulate trajectories and other parameters of an airborne radar	1970
19700083433	Translations on French nuclear, missile, space, and related military developments no. 224	1970
19700083434	Official outlines resources, role of Atomic Energy Commission	1970
19700083435	Director of military applications for AEC describes achievements, prospects	1970
19700083440	Further studies on the effects of the sun and the moon on a synchronous satellite	1970
19700083441	Graphite fiber composites for deep ocean ordnance Quarterly progress report, 1 Oct. 1969 - 1 Jan. 1970	1970
19700083445	Translations on French nuclear, missile, space, and related military developments no. 225	1970
19700083446	Successful Franco-Soviet space probe described	1970
19700083447	Revival of French space activity reviewed	1970
19700083448	Activities of national explosives works reviewed	1970
19700083454	Integrated solid-state microwave sources Quarterly progress report, 1 Jul. - 1 Oct. 1969	1970
19700083462	Structural rating of advanced filamentary composites for wing box application	1970
19700083469	Establish manufacturing process for energetic propellant binder /U/ Interim engineering progress report, 15 Aug. - 15 Nov. 1969	1970
19700083471	Debrisless ignition /U/ Final technical report	1970
19700083473	GN/analysis study. Volume 4 - Special supplemental data /U/ Final report, Dec. 1968 - Jul. 1969	1970
19700083474	Motor demonstrations of /NF and crosslinked nitrocellulose/ smokeless propellants /U/	1970
19700083476	Exploratory development of an Advanced Throttling Slurry Engine /ATSE/ /U/ Quarterly report, Oct. - Dec. 1969	1970
19700083478	Minimum Cost Design/Space Launch Vehicle Design/costing Study. Volume 1 - Summary	1970
19700083479	Minimum cost design/space launch vehicle design/costing study. Volume 2 - Design/ technical development plan /U/	1970
19700083480	Minimum cost design/space launch vehicle design/costing study. Volume 3 - Program implementation plan /U/	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083481	AN/AAS-18B improved infrared system for the RF-4C /U/ Final report, 23 Aug. - 16 Dec. 1968	1970
19700083485	Conduct an operational evaluation of the F-8H airplane /U/ Final report, 24 Oct. 1968 - 25 Apr. 1969	1970
19700083488	F-4J/J79-GE-10 flameout problem investigation /U/ Interim report, 29 Oct. 1968 - 10 Jul. 1969	1970
19700083495	Honest John/Mars missile number 1828, round number M50E596RML /15 December 1969/ Meteorological data report	1970
19700083496	Corrosion protection of fastener countersinks, phase 2 Final report, 24 Oct. 1968 - 24 Jan. 1970	1970
19700083498	Houston Operations Predictor/Estimator /HOPE/ programming manual, volume 1	1970
19700083499	Apollo mission H-2/LM-7/APS preflight performance report	1970
19700083500	Apollo photograph evaluation program	1970
19700083501	User's guide for the NAVPRO program	1970
19700083502	Estimate of rough terrain conditions for LM-6 beam 3 lockup	1970
19700083503	Postflight VHF ranging multipath error analysis	1970
19700083504	Verification of the real-time computing complex entry program for mission H-2/Apollo 13	1970
19700083506	Performance of a Doppler velocity sensor at high speed over lunar terrain	1970
19700083507	Analysis of LM-7 rendezvous radar range tones phase shift	1970
19700083508	Apollo mission H-2/CSM-109/SPS preflight performance report	1970
19700083509	LM descent approach phase performance analysis	1970
19700083510	RTCC landing site and LM attitude simulation program, volume 1	1970
19700083511	MPAD flight correlated CSM ECS primary radiator computer program	1970
19700083512	Luminary 1C descent and ascent verification summary	1970
19700083513	Apollo mission H-2 spacecraft to spacecraft VHF coverage	1970
19700083514	Apollo 13 mission spacecraft EVA VHF coverage. Antenna and propagation studies for spacecraft	1970
19700083515	Mission H-2 (AS-508/CM-109/LM-7) G and D Error Analysis: Apollo 13	1970
19700083516	SIMFAM - Description and operation	1970
19700083517	Establishment of a manufacturing process for infrared glass windows Interim progress report, 1 Oct. - 31 Dec. 1969	1970
19700083520	Non-sampling UHF single frequency repeater Final report, Feb. 1968 - Oct. 1969	1970
19700083522	Fit and function of Mobile test system 21C1250G004 modification kit P/N 37E502367G01, T64 power plant change number 16, part 31, revision A Interim report	1970
19700083524	Meteorological measuring and recording equipment description, calibration, and maintenance procedures for NASA'S 150 meter meteorological tower facility, revision 1	1970
19700083526	Resource requirements system	1970
19700083527	Review of recent developments - Metal working	1970
19700083528	Review of recent developments - Oxidation- resistant coatings for refractory metals	1970
19700083529	Review of recent developments - Nickel-base and cobalt-base alloys	1970
19700083531	Review of recent developments - Powder metallurgy	1970
19700083533	Infrared reconnaissance data link system AN/USQ-5, category 1 Final test report	1970
19700083535	Wind tunnel investigation of the deployment of conical wake decelerations from the base of a 7 deg half-angle cone in free flight at M equals 6 Final report, 22 Aug. - 23 Sep. 1969	1970
19700083536	Mass-spectrometric studies of graphite vaporization at high temperatures Quarterly technical management report no. 5, 1 Oct. - 31 Dec. 1969	1970
19700083540	Development of boron-fiber/high-temperature- polymer preimpregnated materials Technical report, Jan. 1968 - Jun. 1969	1970
19700083541	Decomposition kinetics. Part 2 - Rates of vaporization	1970
19700083549	Review of Recent Developments - Mechanical properties of metals	1970
19700083550	Machinability parameters on new and selective aerospace materials Interim report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700083551	Meteorological data report - Aerobee NRL NF 3.193 /24 January 1970/	1970
19700083552	Meteorological data report - 11601U Lance missile no. 3102, round no. 74 /12 January 1970/	1970
19700083556	Mass properties report - Actual Titan 3 UPLF model DA-116 S/N-000003	1970
19700083557	Qualification testing of aircraft external power cables, type MS25487 AS, manufactured by Anderson Power Products, Incorporated Final report, 5 Sep. - 24 Nov. 1969	1970
19700083558	Properties of hysol XCU-M150 urethane rubber encapsulating compound	1970
19700083560	Modal velocity as a criterion of shock severity Research and development report, Jun. 1968 - Sep. 1969	1970
19700083561	Antenna system of airways surveillance radar Avia B	1970
19700083564	Application of learning technology to relay communications Final report, 1 Mar. 1968 - 1 May 1969	1970
19700083567	Operation of Reliability Analysis Center Final technical report, 1 Aug. 1968 - 31 Aug. 1969	1970
19700083570	Solar gamma ray and neutron experiments Annual status report, 1 Feb. 1969 - 31 Jan. 1970	1970
19700083571	Raman effect induced by picosecond ruby laser pulses Semiannual status report, 1 Aug. 1969 - 1 Feb. 1970	1970
19700083572	The 480th Reconnaissance Technical Group /RTG/ management information system. Volume 2 - Production management sub-system implementation report Final technical report, 4 Nov. 1968 - 3 Sep. 1969	1970
19700083574	Meteorological data report - 11601W Lance missile no. 5101, round no. 75 /28 January 1970/	1970
19700083578	Improvement of titanium alloy ingot consolidation Interim technical report, Nov. 1969 - Feb. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083582	Mission events bookkeeping model for analysis of penetrator aircraft campaigns /PenvaI program/ Final report, Nov. 1968 - Aug. 1969	1970
19700083589	High power density fuel cell Final report, 1 Jan. - 30 Oct. 1969	1970
19700083590	Airborne MHD generator development	1970
19700083591	High intensity tactical power sources for the 1990 Army Final report	1970
19700083592	An improved process for the working of welded titanium alloy tubing Final report, 1 Feb. 1968 - 31 Aug. 1969	1970
19700083598	Study of aerodynamic rotors for air sampling Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700083602	Design of experiments and applications of mathematical statistics Final technical report, 4 May 1965 - 30 Sep. 1969	1970
19700083604	A study of thermodynamic suppression head in a pump inlet using various liquids	1970
19700083605	Automated plotting of pulse height analyzer spectra	1970
19700083606	IMP-1 hard boom deployment simulation study	1970
19700083608	Material selection, design, fabrication, and testing of a high temperature recuperator sub-module for the compact closed Brayton cycle system Final technical report	1970
19700083609	Shock tube tests of gas turbine performance and comparison with computer simulations Interim technical report, Mar. 1968 - Feb. 1970	1970
19700083612	Polymer structures and properties Technical documentary report, 1 Feb. 1969 - 31 Jan. 1970	1970
19700083613	Evaluation of methods to increase the ballistic efficiency of alumina face plates for alumina/glass-reinforced plastic composite armor systems	1970
19700083617	An automatic method for deducing D-region electron densities from VLF sounder data	1970
19700083619	The problem of coating runways with foam	1970
19700083620	Metal base high frequency transistors Semiannual report, 15 Apr. - 13 Oct. 1969	1970
19700083622	Coordinated high-latitude experiments for the simulation of nuclear-burst effects on VLF systems Final annual technical report number 5	1970
19700083633	Scattering characteristics of some thin wire chaff elements	1970
19700083635	The reduction of the impact transition temperature of chromium composites Final report, 2 Jan. - 31 Dec. 1969	1970
19700083637	Foam expansion is not the same as foam number	1970
19700083639	Magnetic shielding by thin walled superconducting shells	1970
19700083643	Effects of plant growth hormones on plant development in the absence of gravitational effects Semiannual report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700083645	CH-47 IFF antenna radiation improvement study Final report, 30 Apr. - 29 Dec. 1969	1970
19700083647	Explosive forming of solid propellant rocket motor end closures Interim engineering progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700083648	Theoretical analysis of Langmuir probes Final technical report	1970
19700083649	High capacitance thin film structures Quarterly report, 5 Sep. - 4 Dec. 1969	1970
19700083650	Physical parameters affecting fracture strength mechanisms in ceramics Final report, 17 Nov. 1968 - 16 Jan. 1970	1970
19700083651	Passivation of metal aircraft surfaces Final report, 15 Nov. 1968 - 31 Jan. 1970	1970
19700083652	Research on new materials for electroluminescence Final report, 1 Nov. 1968 - 31 Oct. 1969	1970
19700083654	Production engineering measure on gallium arsenide laser diode Quarterly progress report, 1 Jul. - 30 Sep. 1969	1970
19700083657	Bibliography of low energy electron collision cross section data /1967-1969/, supplement	1970
19700083658	Zinc-air battery for AN/PPS-5 radar set	1970
19700083659	Test and evaluation of the Pavelle model 401 Color Head as used on the Durst L-1000 enlarger Final technical report	1970
19700083661	Static stability and separation characteristics of the CBU-24 dispenser fitted with various tail-fin configurations at Mach numbers from 0.50 to 1.10 Final report, 28 Oct. - 17 Nov. 1969	1970
19700083662	A-6C TRIM program monitor and support Interim report	1970
19700083665	The fringe variation of capacitors of finite thick plates with application to magnetic calculations	1970
19700083666	Regulatory hypotheses of human thermoregulation	1970
19700083667	Man's capacity to perform intermittent static work with contractions of differing duration	1970
19700083668	Blood volume and volume distribution before and after physical exercise	1970
19700083672	APROC user's guide	1970
19700083673	A systems study of the federal urban Open Space Program	1970
19700083679	Production engineering of ferrite powder by fluid bed technique Quarterly report, Jul. - Sep. 1969	1970
19700083682	Theoretical analysis of thermionic conversion volume phenomena Final report	1970
19700083683	Ion engine systems testing Final report, Feb. 1968 - Oct. 1969	1970
19700083684	Air-sea interface and interactions Report bibliography, Feb. 1956 - Jul. 1969	1970
19700083687	A method of fitting a general equation to a set of data values	1970
19700083691	Corrosion of light alloys in deep ocean environments	1970
19700083692	Monitoring and evaluation of an S-3 aircraft, automated aircrew escape system Interim report	1970
19700083693	Strengthening of Fe-Cr-Al-Y oxidation resistant alloys Final report, 1 Jan. 1969 - 1 Feb. 1970	1970
19700083695	Variable polarizer Final report, Dec. 1967 - Nov. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083700	Evaluation models UHF sampling same frequency repeater Final report, Mar. 1968 - Oct. 1969	1970
19700083702	Production engineering measure on gallium arsenide laser diode Quarterly progress report, 1 Apr. - 30 Jun. 1969	1970
19700083706	Propellant ingredient safety Quarterly report, 1 Jul. - 30 Sep. 1969	1970
19700083707	Heat transfer distributions on three unyawed hemispheres of different roughness at Mach number 6 Final report	1970
19700083709	Dynamic properties of materials Technical report, Jul. 1967 - Dec. 1968	1970
19700083710	OV1-12 dose rate, spectral and flux measurements Technical report, Jul. 1967 - May 1969	1970
19700083715	Refraction of underwater explosion shock waves - A method for prediction of pressures at caustics	1970
19700083716	On the fundamentals of mechanics	1970
19700083717	Calibration of infrared radiation detectors	1970
19700083719	An optical interference Q-switch for CO2 lasers Progress report, Jul. 1968 - Jul. 1969	1970
19700083720	Study and analysis of requirements for Head-Up Display /HUD/	1970
19700083723	Night radiation measurements at Lac Montauban, Quebec, October 1968	1970
19700083730	Intermetallic compounds of extreme stability Quarterly progress report, 1 Nov. 1969 - 15 Feb. 1970	1970
19700083732	Army Tactical Airspace Regulation System /ATARS/. Volume 2 - System design Final report	1970
19700083733	Army Tactical Airspace Regulation System /ATARS/. Volume 4 - Experimentation program Final report	1970
19700083734	Army Tactical Airspace Regulation System /ATARS/. Volume 5 - Criteria and measure of effectiveness study and design of experiments Final report	1970
19700083735	Sonar display design parameters and a conceptual model of the observer's role in target detection Final report	1970
19700083737	The 3.5 inch F/5.6 120 deg field mapping lens Final technical report, Dec. 1967 - Aug. 1969	1970
19700083739	The 1969 propeller product support program Final report, 1 Jan. - 31 Dec. 1969	1970
19700083740	Evaluation of the effects of MIL-L-23699 lubricants on gear tooth pitting in full scale helicopter transmission tests /HH-52A/ and correlation with a small scale tester	1970
19700083741	AF95 powder manufacturing techniques Interim engineering progress report no. 2, 1 Oct. 1969 - 1 Feb. 1970	1970
19700083743	Ku-band pulse power amplifier Quarterly report, 1 Sep. - 30 Nov. 1969	1970
19700083745	Scattering of laser radiation - Possible aeroballistic range applications Final report, Mar. 1966 - Dec. 1967	1970
19700083746	Research and development of /low-light-level/ near IR camera tube with solid-state array target Quarterly report, 31 Jul. - 31 Oct. 1969	1970
19700083748	Interaction forces between a vortex line and a parallel dislocation	1970
19700083749	Experimental investigation of the dynamic processes in marine boiling water reactors	1970
19700083752	Effect of nitrogen dioxide on aerosols of Serratia Marcescens, Flavobacterium, Bacillus Subtilis var. niger Test reports, 5 Aug. - 1 Oct. 1969	1970
19700083753	Seismic array processing techniques. Suboptimal multichannel digital filters	1970
19700083764	Eddy current testing of copper alloy tubing Progress report	1970
19700083765	Dissemination and aerosol behavior of hydrophobic powders Final report, Oct. 1967 - Aug. 1969	1970
19700083767	Condensation nuclei detector modification Final report, Jun. - Oct. 1969	1970
19700083775	A 1 GHz 2,000,000 - 1 pulse compression radar - Conceptual system design	1970
19700083776	Effect of range of dipole-dipole interaction on the anisotropy in the MN F2 paramagnetic susceptibilities	1970
19700083777	Output spectrum of an ideal limiter given an input of two equal amplitude sine waves at different frequencies	1970
19700083779	Problems of biological rhythm in aviation and astronautics	1970
19700083780	Hypothesis and suggestions relative to the pineal body /the psychosomatic crossroads/	1970
19700083781	Thermal and humidity control system Final report	1970
19700083784	Fundamental frequency of oscillation in LSA circuits Technical report, Sep. 1968 - Aug. 1969	1970
19700083787	A method of estimating power spectra	1970
19700083789	Stability and Control Characteristics at Mach 1.60 to 2.96 of a 60 Deg Delta-wing Fighter-airplane Model with AFT Horizontal Tail /U/	1970
19700083792	Airborne intruder engagement system /U/ Monthly technical report	1970
19700083793	ALOREP data analysis /U/	1970
19700083797	Mid-contract technical report on TF30-P-412 engine development /U/ Technical report, 14 Mar. - 14 Dec. 1969	1970
19700083802	Synthesis of advanced plasticizer and binder components /U/	1970
19700083805	Personnel detection radar /U/	1970
19700083810	Exploratory development of high thrust, high performance rocket motor /U/ Final technical report, 6 Dec. 1968 - 15 Feb. 1970	1970
19700083811	Improved propellants for throttleable solid air-augmented rockets /U/ Quarterly report, 1 Sep. - 30 Nov. 1969	1970
19700083820	Advanced maneuvering propulsion technology program /U/ Quarterly progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700083824	Performance study of Air-Augmented Propulsion for Short-Range Air Defense /AAP/SHORAD/ /U/ Final report, Apr. - Oct. 1969	1970
19700083825	Development of thermally stable liquid fuels /U/ Final report, 15 Dec. 1967 - 31 Jul. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083828	Air-augmentation combustion parameters /U/ 1 Mar. - 30 Nov. 1969	1970
19700083836	F-111A category 2 propulsion subsystem tests /U/ Final report	1970
19700083837	An echo-echo correlation analysis of submarine echoes /U/	1970
19700083839	Titanium alloy scap reclamation process Interim engineering progress report, 15 Sep. - 15 Dec. 1969	1970
19700083841	A second-order numerical method of characteristics for three-dimensional supersonic flow. Volume 2 - Computer program user's manual Technical report, 1 Sep. 1966 - 31 Dec. 1969	1970
19700083842	Arnold Center review, volume 12, number 1	1970
19700083846	Review of recent developments - Liquid metals	1970
19700083847	Evolution of the NWC thermal standard. Part 1 - Concept Technical report, 16 Dec. 1968 - 1 Oct. 1969	1970
19700083848	Studies of display symbol legibility. 24 - The recative legibility of special symbols formed from different matrices, and the legibility of overprinted special symbols	1970
19700083849	A 3.2 millimeter transmitter tube Triannual report number 4, 1 Jul. - 1 Oct. 1969	1970
19700083852	Monitoring of F-14 airplane, automated aircrew escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development Interim report	1970
19700083854	LSI correlator Quarterly report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700083856	Review of recent developments - Refractory metals	1970
19700083857	Advanced electron device technology Status report	1970
19700083858	Research and development of refractory oxidation-resistant diborides. Part 2, volume 4 - Mechanical properties Technical report, 15 Sep. 1967 - 15 May 1969	1970
19700083864	The Aerospace Corporation Shell 405 catalyst evaluation program	1970
19700083868	A study of inlet/engine interaction in a transonic propulsion wind tunnel	1970
19700083869	Review of recent developments - Fiber-reinforced metals	1970
19700083875	Possible applications of optical signal processing for communications	1970
19700083877	Large-signal impedances of avalanche diode oscillators	1970
19700083879	High data rate optical receiver, phase 1 Final report, 15 Apr. - 15 Nov. 1969	1970
19700083880	Construction of a measuring apparatus to record directly curves of acoustic impedance in a Kundt tube for waterborne sound	1970
19700083883	[No Title]	1970
19700083892	Qualification test air-fuel temperature regulator 158130-3-1 Allison TF-41-A2 engine	1970
19700083895	F-106A class V Mod 2286 feasibility demonstration	1970
19700083896	Flash electron studies on ferroelectric ceramics and radio-frequency attenuations	1970
19700083903	Apollo 12 guidance, navigation and control systems performance analysis report	1970
19700083905	Apollo reference mission program - Version 08 lunar descent/ascent supplement. Users manual change 1	1970
19700083908	An experimental study and simulation of the LM-CSM VHF PCM link performance for fading and nonfading propagation channels	1970
19700083909	Landing radar data analysis H-1 mission Final report	1970
19700083911	Accuracy of the LM powered flight tracking- data processor with simulated Apollo 13 trajectories	1970
19700083915	Electroformed injector fabrication techniques Quarterly progress report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700083918	Seal systems in hydrospace. Phase 3 - Effects of long term hydrospace exposure on seal system integrity, 189 days at 5900 feet Technical note, Apr. 1968 - Jun. 1969	1970
19700083920	Translations on French nuclear, missile, space, and related military developments, no. 226	1970
19700083922	Carbon dioxide laser modulation Final report, 9 Apr. 1969 - 28 Feb. 1970	1970
19700083923	Development of methods of orbit calculations Final technical report, Apr. 1969 - Mar. 1970	1970
19700083926	An optical extensometer technique for strain measurement	1970
19700083928	Rubidium maser development Final report, 24 May 1967 - 24 Feb. 1969	1970
19700083929	Nimbus solar array drive subsystem Final report	1970
19700083930	Defence Research Establishment Valcartier, 1969 Annual report	1970
19700083931	Reliability sampling test. Sampling lots 2 through 7 for LSI model 4060 AL type ID-1329/A, remote attitude-director indicator, volume 2	1970
19700083932	Reliability sampling test. Sampling lots 2 through 7 for LSI model 4060 AL type ID-1329/A, remote attitude-director indicator, volume 1	1970
19700083935	Dairo Mark 1 diazo printer/processor report	1970
19700083940	Data analysis in connection with the National Geodetic Satellite Program /2/ Semiannual status report, Aug. 1969 - Jan. 1970	1970
19700083942	Electronic control of laser beams Final report, Feb. 1969 - Jan. 1970	1970
19700083945	A mathematical model of the pivot losses of a gear train	1970
19700083949	Evaluation and application of data from low gravity orbital experiment. Phase 2 - Marker and cell method for solution of fluid dynamics problems Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700083950	Prediction of mechanical properties binder systems	1970
19700083951	Development of a reusable metallic thermal protection system for lifting reentry vehicles	1970
19700083952	Photochromic materials research for optical display Final report, 1 May 1969 - 31 Jan. 1970	1970
19700083955	Effects of varying processing parameters in the fabrication of adhesive-bonded structures. Part 1 - Annotated bibliography	1970
19700083956	Translations on French nuclear, missile, space, and related military developments, no. 229	1970
19700083957	Translations on French nuclear, missile, space, and related military developments, no. 228	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700083958	Analytical study of control devices for high amplitude combustion instability Quarterly report	1970
19700083959	Advanced feed system component interaction analysis Quarterly status letter, period ending 31 Mar. 1970	1970
19700083960	Saturn 5 Semiannual progress report, 1 Jul. - 31 Dec. 1969	1970
19700083961	Houston Operations Predictor/Estimator /HOPE/ programming manual, volume 2	1970
19700083962	Houston Operations Predictor/Estimator /HOPE/ programming manual, volume 3	1970
19700083991	Monolithic infrared mosaic sensors /second year/ Final technical report, 16 Nov. 1968 - 15 Nov. 1969	1970
19700083993	An ultraviolet sensing flame detector for use on high performance military aircraft Final report, 28 Feb. 1966 - 12 Sep. 1969	1970
19700083994	Application of atmospheric turbulence data in design of missiles and booster vehicles Final report, 1 Feb. 1968 - 31 Jan. 1970	1970
19700083995	Graphite filament reinforced plastics Final report, 9 May 1969 - 15 Jan. 1970	1970
19700083996	High power magnetostrictors for sonar applications Final report, 15 Sep. 1965 - 15 Mar. 1970	1970
19700083998	An HF phase comparison direction finder Research and development report, Jun. - Dec. 1969	1970
19700084016	Airfield pavement evaluation, USNALF Orange Grove, Texas Technical note, Oct. - Dec. 1968	1970
19700084017	Heat transmission of colored Nomex fabrics	1970
19700084021	Design, manufacture and delivery of small-diameter rocket motor cases Final technical report, 29 Jul. 1969 - 28 Feb. 1970	1970
19700084022	Review of recent developments. High-strength steels	1970
19700084023	Preparation and evaluation of CdTe for gamma-ray detection Final report, 1 Dec. 1968 - 30 Nov. 1969	1970
19700084025	High power coherent X-band solid state source Quarterly report, 6 Aug. - 6 Nov. 1969	1970
19700084026	Machining of composite materials Report bibliography, Apr. 1964 - Aug. 1969	1970
19700084027	Evaluation techniques for flame and incendiary agents Quarterly progress report, 15 Apr. - 14 Oct. 1969	1970
19700084028	Seismic array processing techniques Quarterly report, 15 Nov. 1969 - 15 Feb. 1970	1970
19700084029	A flexible ultra-high vacuum R and D system	1970
19700084031	Product support program - Air turbine starters, air control valves, air turbine drives Final report	1970
19700084034	A comparison of the dc electrical resistance values of electrical connectors /repaired by depot/repot processes/ under high humidity and temperature conditions and some aspects of automatic testing of dc leakage	1970
19700084036	Radcat project, post phase 3, appendix A Technical summary report, Dec. 1966 - Aug. 1968	1970
19700084037	Radcat project, post phase 3 Technical summary report, Dec. 1966 - Aug. 1968	1970
19700084038	A computer model of the AN/TPN-19 landing control system	1970
19700084039	Laser Doppler velocimeter techniques program Interim engineering report, 1 Mar. - 3 Nov. 1969	1970
19700084040	Flight evaluation of various short period dynamics in the variable stability F-8D Final report	1970
19700084042	Investigations to develop metal alloys with ultrafine grain size titanium with improved mechanical properties Final report, 1 Feb. 1969 - 31 Jan. 1970	1970
19700084043	Evaluation of metal-air electrochemical energy storage system for vehicle propulsion Semi-annual report, 27 May - 27 Nov. 1969	1970
19700084046	Adaptation of the convex draw die to the production of aircraft engine rings Interim engineering progress report, 15 Oct. 1969 - 15 Jan. 1970	1970
19700084051	Development of devices and techniques for the nondestructive determination of residual machining stress utilizing ultrasonic and supporting X-ray Final technical report, 1 Nov. 1967 - 30 Sep. 1969	1970
19700084052	Protective properties of coatings as measured by dew-cycle accelerated weathering Interim report, Mar. 1965 - Jun. 1969	1970
19700084053	T64-GE-12/16 anti-icing test, phases B and C Final report	1970
19700084054	A study of the effect of lubricant properties on the elastohydrodynamic lubrication of rolling bearings Quarterly progress report, 13 Nov. 1969 - 13 Feb. 1970	1970
19700084057	Generalized data management system project, executive overview	1970
19700084060	Dry-process high-resolution photorecording Research and development report, Jan. 1968 - Dec. 1969	1970
19700084062	Super-power solid-state X-band source study Final engineering report, Aug. 1969 - Mar. 1970	1970
19700084065	Manufacturing Methods and Technology measure /MMT/ program for GaAs laser crystal Quarterly progress report, 15 Sep. - 31 Dec. 1969	1970
19700084066	Production engineering measure for zinc/air primary batteries Quarterly report, 25 Jun. - 30 Sep. 1969	1970
19700084073	Radiation source heat-flux calibration	1970
19700084074	Electron-beam activation of photochromic materials through Lenard windows Technical report, Jul. - Nov. 1969	1970
19700084076	Hydrocarbon-air fuel cells Final technical summary report, 1 Jul. - 2 Nov. 1969	1970
19700084079	The magnesium flat cell Progress report	1970
19700084080	Report of the Mount Haleakala Observatory - Mark 51 visual acquisition aids for large optical tracking systems	1970
19700084081	F-14 aircraft, automated aircrew escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development, monitoring of /leg restraint garters/ Interim report, 14 Dec. 1969 - 15 Jan. 1970	1970
19700084082	The influence of thermomechanical processing on the structure and properties of maraging steel Technical report, Jun. 1967 - May 1969	1970
19700084083	Production engine report, T53-L-13A	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084086	Review of recent developments. Beryllium	1970
19700084087	Rust preventive and corrosion characteristics of greases on metals Technical report, Jan. 1967 - Jun. 1969	1970
19700084090	Adhesion of electroplated nickel to fiber reinforced epoxy composites Final report, Oct. 1968 - May 1969	1970
19700084091	Synthesis of ladder polymers composed of /bis-quinoxalino-pyrene, bis-imidazo- naphthaldimide/ and /bis-quinoxalino-pyrene, bis-imidazo-pyromellitimide/ structures	1970
19700084093	Coanda effect Report bibliography, Dec. 1952 - Sep. 1969	1970
19700084094	Hologram recording in thin emulsions	1970
19700084095	Bayesian reliability demonstration. Phase 1 - Data for the a priori distribution Final technical report, Aug. 1968 - Dec. 1969	1970
19700084099	Ultrahigh speed microcircuit prescaler Interim engineering report, 20 Oct. 1969 - 20 Jan. 1970	1970
19700084100	Users manual for the Network EMP Damage Analysis Program /NEDAP/	1970
19700084102	A theory of cavitation thresholds	1970
19700084104	Current distribution in crossed-field accelerators. Part 3 - Electrical and gasdynamic performance of J by B accelerators Final report, 1 Jan. 1968 - 31 Oct. 1969	1970
19700084110	Tungsten reinforced oxidation resistant columbium alloys Annual report, 1 Nov. 1968 - 30 Nov. 1969	1970
19700084111	Seismic array processing techniques. Extraction of spectral lines from seismic data	1970
19700084113	Measurements of the pressure distribution in cavitation-generated pressure pulses	1970
19700084114	Advanced thermoelectric module development Final report	1970
19700084115	Ramjet engine design study for Sandpiper target drone Final report, 1 Apr. - 1 Oct. 1969	1970
19700084116	Frequency dependent estimation and detection for seismic arrays Seismic data laboratory report	1970
19700084117	Experimental modifications of helicopters in the USSR	1970
19700084118	The SA 610 - A Ludion sustenator	1970
19700084120	Manufacturing techniques to produce 3, 3 prime, 4, 4 prime-diaminobenzidine Quarterly technical report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700084122	Optimization of users and earth station interfaces with DSCS. Task 8 - Overall earth complex integration Final task report	1970
19700084123	Production engineering measure for hybrid quartz filters 10 MHz to 30 MHz Quarterly progress report, 24 Sep. - 23 Dec. 1969	1970
19700084125	Electromagnetic boresight control problems of radar transmission through a radome Final summary report, 1 Mar. - 31 Dec. 1969	1970
19700084129	Cost effectiveness analysis of military hydrocarbon fuel cell powerplants Final report, 24 Jun. 1968 - 16 Nov. 1969	1970
19700084130	Two dimensional radome analysis by a surface integration technique	1970
19700084131	Microelectronics receiver techniques study Final development report, 28 Jun. 1968 - 28 Dec. 1969	1970
19700084133	Design techniques for Modular Architecture for Reliable Computer Systems Final report	1970
19700084134	Investigation and fabrication of cadmium sulfide infrared windows Final report, Oct. 1968 - Nov. 1969	1970
19700084135	Segmented glass laser investigation Final report	1970
19700084137	Long life high power UHF/VHF silicon interdigitated transistors Final report, 1 Jul. 1968 - 31 Dec. 1969	1970
19700084139	Development of injector chamber compatibility analysis Final report, Mar. 1968 - Nov. 1969	1970
19700084141	Verification tests of multimeter AN/PSM-4E Final report	1970
19700084142	Studies of display symbol legibility. 23 - The relative legibility of dot symbols formed from different matrices and the legibility of overprinted dot symbols	1970
19700084143	Growth and properties of epitaxial films of ferroelectric bismuth titanate Final technical report, 16 Nov. 1968 - 15 Nov. 1969	1970
19700084144	Spectral emission and absorption coefficients and nonequilibrium thickness of reflected shock waves in air Technical report, Mar. 1968 - Jun. 1969	1970
19700084146	Translations on French nuclear, missile, space, and related military developments	1970
19700084147	Investigation of laminated structures for radio frequency applications Interim technical report, 16 Aug. - 15 Nov. 1969	1970
19700084148	A study and program definition for development and fabrication of a super-power solid-state X-band source Final report, 11 Aug. 1969 - 11 Mar. 1970	1970
19700084149	Design and evaluation of a high temperature radial turbine Quarterly technical summary report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700084150	Interpretation of stress-relaxation data for stress-relief applications	1970
19700084151	Low temperatures in practical application - Technical, biological, and chemical processes	1970
19700084152	Development of input coupling modification to MX-7647/XN-1/ defruiter Final report	1970
19700084153	Theoretical and experimental analysis of stiffened panels under dynamic conditions Summary report, 1 Sep. 1968 - 31 Aug. 1969	1970
19700084156	Grinding process optimization Interim engineering progress report, 15 Sep. - 15 Dec. 1969	1970
19700084157	Search and rescue communications, Global Rescue Alarm Net /GRAN/ Interim report	1970
19700084158	Evaluation of proposed environmental proof splices and associated tools Final report, 22 Oct. - 5 Dec. 1969	1970
19700084160	Electron beam melting beta 3 titanium alloy Interim report, 1 Jun. - 31 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084161	EPAD - A computer program for the elastic-plastic analysis of dome structures and arbitrary solids of revolution subjected to unsymmetrical loadings Technical report, Feb. - Nov. 1969	1970
19700084162	Contribution to the study of the electrolytic phenomena in glass	1970
19700084163	Analysis of precision approach and landing guidance systems	1970
19700084165	Production of complex sections with convex draw dies Interim engineering progress report, 1 Oct. - 31 Dec. 1969	1970
19700084166	QKS1267 refinement program Quarterly development report, 1 Oct. - 31 Dec. 1969	1970
19700084170	Montana large aperture seismic array Quarterly technical report, 1 Oct. - 31 Dec. 1969	1970
19700084171	Glider aircraft and sailplanes Bibliography report, Jun. 1944 - Aug. 1969	1970
19700084172	S-3 aircraft, automated aircrew escape system, design monitoring, test and evaluation Interim report	1970
19700084173	Development of a 60-GHz to 96-GHz plasma waveguide switch Final report, 1 Jun. 1968 - 30 Nov. 1969	1970
19700084174	Technical investigation of in-channel and co-channel differential delay in the fleet multichannel broadcast system Final report	1970
19700084175	Technical evaluation of radio set AN/SRC-20A Final report	1970
19700084176	VTOL rapid rise foam landing pad plausibility demonstration Final test report	1970
19700084177	Satellite altimetry Interim report	1970
19700084178	Evaluation of ac line corrector, Elin model 1360 Final report	1970
19700084179	Development of full scale test techniques for the evaluation of advanced gas turbine lubricants Final report	1970
19700084180	Development of a concept to warn of compressor stall by sonic techniques Final report	1970
19700084181	Short pulse scattering from small antennas Final report	1970
19700084182	Ionospheric ray tracing for earth backscatter simulation on an east-west path during sunrise Interim report	1970
19700084183	Nickel hydroxide electrode research Interim technical report, 1 Jan. 1969 - 2 Feb. 1970	1970
19700084184	The thermal and catalytic decomposition of ammonia and hydrazine	1970
19700084185	Operation of the Tonto Forest Seismological Observatory Final technical report, 1 Jan. - 31 Dec. 1969	1970
19700084187	Pennsylvania-Princeton Army avionics research program. Computer activated instrumentation display task - An analysis of tracking experiment 1 on Project Caid	1970
19700084189	Investigation of CH-54A electrostatic charging and of active electrostatic discharger capabilities Final report	1970
19700084191	Centralized electronic control HF receiver preselectors Interim report	1970
19700084192	Electrochemical studies related to synthetic nitrogen fixation Semiannual report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700084194	The study of energy levels in foil excited atomic beams Annual status report, 1 Feb. 1969 - 31 Jan. 1970	1970
19700084195	Plasma kinetic theory Final report	1970
19700084196	An experiment designed to assess the level of heat acclimatization	1970
19700084198	Development of batch-control techniques for synthetic lubricants Final report, 2 Oct. 1967 - 30 Jun. 1969	1970
19700084199	Airfield pavement evaluation, USNAS Glenview, Illinois Technical note, Jul. - Aug. 1968	1970
19700084200	Parametric fatigue analysis of USAF fighter aircraft Final report, 13 May 1968 - 1 Jul. 1969	1970
19700084202	Study of causes of pavement deterioration - Survey of D-cracking at Air Force bases Technical report, Sep. 1967 - Jul. 1968	1970
19700084204	Computational and analytical solutions to the problem of the response of viscoelastic solids Final report	1970
19700084205	Simulation of hot forming operations by means of torsion testing Technical report, 1 Jun. 1968 - 31 Aug. 1969	1970
19700084206	Textural signature study Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700084207	Insensible sweating - An intermediate stage between insensible perspiration and active sweating	1970
19700084210	Test and evaluation of super Takumar 50mm f/1.4, RE auto-topcor 58mm f/1.8, summicron 50mm f/2, auto Nikkor 50mm f/2 and zoom Nikkor auto 43-86mm f/3.5 lenses Final technical report	1970
19700084211	Report on the evaluation of the effectiveness of the two types of ventilation systems used on NAVSECPHILADIV FT4A tests Final report	1970
19700084212	Microwave instantaneous frequency indication receiver Quarterly report, Oct. - Dec. 1969	1970
19700084213	The effect of plasticizers and additives on the resistance of plasticized PVC against fungal growth	1970
19700084214	An automatic data processing system for a physical testing laboratory	1970
19700084215	Suitability test of ARRS search and rescue documentation camera Final report, 17 Nov. 1969 - 30 Jan. 1970	1970
19700084216	Use of helicopters to dissipate fog Final letter report	1970
19700084217	Free-flight range tests of basic and boattail configurations of 3 and 5 caliber Army-Navy spinner projectiles Final report, 1 Jul. - 16 Sep. 1969	1970
19700084218	Investigation of animal sensor and sensor information processing mechanisms for application to target acquisition and tracking Final report, 15 Feb. 1969 - 15 Jan. 1970	1970
19700084221	Hypersonic aerospace-vehicle structures program. Volume 4 - Manufacturing process development and fabrication Final report, 15 Sep. 1967 - 15 Oct. 1969	1970
19700084222	Hypersonic aerospace-vehicle structures program. Volume 5 - Experimentation Final report, 15 Feb. 1967 - 15 Dec. 1969	1970
19700084223	Effect of rain on the operation of the TPN-19 Precision Approach Radar system	1970
19700084224	Computation of PD for the AN/TPN-19 PAR	1970
19700084226	Product support program for Navy A24 and A24-1 starters, 1969 Final report, 2 Jan. - 31 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084227	UHF telemetry transmitter test program Technical publication, Jan. 1968 - Dec. 1969	1970
19700084234	Subscale evaluation of lithium/fluorine/ hydrogen tribrid rocket propulsion system /U/	1970
19700084235	Aerodynamic characteristics at low subsonic speeds of a lifting reentry spacecraft with rigid variable-sweep wings /U/	1970
19700084236	Stability and control characteristics at Mach numbers from 0.60 to 2.86 of a lightweight variable-sweep-wing fighter model /U/	1970
19700084260	An expansion method to unfold proton recoil spectra	1970
19700084261	The low energy level structure of Ir-191	1970
19700084262	The 93.54 keV level in Sr-91, and evidence for 3-neutron states above N equals 50	1970
19700084263	Lattice dynamics of NaCl, KCl, RbCl and RbF	1970
19700084266	Propulsion system flow stability program /dynamic/. Part 1 - Summary, phase 2 Final technical report, 1 Oct. 1968 - 1 Dec. 1969	1970
19700084267	Propulsion system flow stability program /dynamic/. Part 2 - RA-5C accommodation control system analysis, phase 2 Final technical report, 1 Oct. 1968 - 1 Dec. 1969	1970
19700084268	Propulsion system flow stability program /dynamic/. Part 3 - RA-5C accommodation control system simulation program, phase 2 Final technical report, 1 Oct. 1968 - 1 Dec. 1969	1970
19700084269	Propulsion system flow stability program /dynamic/. Part 4 - Advanced tactical fighter accommodation control system analysis, phase 2 Final technical report, 1 Oct. 1968 - 1 Dec. 1969	1970
19700084270	Propulsion system flow stability program /dynamic/. Part 5 - Advanced tactical fighter accommodation control system simulation program, phase 2 Final technical report, 1 Oct. 1968 - 1 Dec. 1969	1970
19700084271	Propulsion system flow stability program /dynamic/. Part 6 - Inlet turbulence scaling, phase 2 Final technical report, 1 Oct. 1968 - 1 Dec. 1969	1970
19700084272	Propulsion system flow stability program /dynamic/. Part 7 - Description and results of a program for predicting performance of a fan compressor with arbitrary flow division, phase 2 Final technical report, 1 Oct. 1968 - 1 Dec. 1969	1970
19700084273	Propulsion system flow stability program /dynamic/. Part 8 - Users manual for a program for predicting performance of a fan compressor with arbitrary flow division, phase 2 Final technical report, 1 Oct. 1968 - 1 Dec. 1969	1970
19700084274	Propulsion system flow stability program /dynamic/. Part 9 - Combustion instability model program description and parametric study results, phase 2 Final technical report, 1 Oct. 1968 - 1 Dec. 1969	1970
19700084275	Propulsion system flow stability program /dynamic/. Part 10 - Combustion instability model program users manual, phase 2 Final technical report, 1 Oct. 1968 - 1 Dec. 1969	1970
19700084286	Spurious signals in the image orthicon television camera tube	1970
19700084287	Characteristics and developments of the new generations of subsonic jet engines	1970
19700084288	On the calculation of tubular shaped permanent magnets	1970
19700084289	The legal and operational principles of space flights in the aspect of artificial modifications of atmosphere and space	1970
19700084290	The applicability of international law to astronautics	1970
19700084291	Flags on the moon	1970
19700084292	Photochemical transformations of amino acids in the solid state	1970
19700084294	Ergometric determination of the stroke volume during exercise in supine posture - Comparison with the direct Fick method	1970
19700084295	Physiological effects of prolonged bed rest	1970
19700084296	Waveguide system for long-range emissions	1970
19700084298	Delta-75, Intelsat 3-F - Operations summary	1970
19700084300	Army Tactical Airspace Regulation System /ATARS/. Volume 1, part - Sections 1.0 - 5.0 Final report	1970
19700084303	Research and development of refractory oxidation resistant diborides. Part 2, volume 2 - Processing and characterization Technical report, 15 Sep. 1967 - 15 May 1969	1970
19700084304	Research and development of refractory oxidation resistant diborides. Part 2, volume 3 - Thermochemical stability characterization Technical report, 15 Sep. 1967 - 15 May 1969	1970
19700084305	Study and design of an ejection system for VTOL aircraft. Volume 1, part 1 - VTOL aircraft equations and failure mode analysis Final report, Apr. - Dec. 1969	1970
19700084306	Apollo guidance, navigation and control. Lunar terrain elevation measured by Apollo 10 radar	1970
19700084307	Apollo guidance, navigation and control. Alignment optimization for strapdown systems	1970
19700084309	Prediction of electron density and collision cross section, volume 1 Final report	1970
19700084310	Methods of analyses for the 6-A, T-3 and L-1 CS pyrotechnic mixtures Special publication, May 1965 - Dec. 1968	1970
19700084311	Aerobee at 3.276 /6 February 1970/ Meteorological data report	1970
19700084312	Review of recent developments. Corrosion and compatibility	1970
19700084313	Review of recent developments. Metals joining	1970
19700084314	High temperature effects on kaolin and silica	1970
19700084315	Aerodynamic properties of a family of shell of similar shape - 105 mm XM380E5, XM380E6, T388 and 15 mm T387	1970
19700084316	A comparative study of ballistic meteorological systems	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084317	Lithium/selenium secondary cells for components in electric vehicular propulsion generating systems Semiannual technical summary report, 23 May - 22 Nov. 1969	1970
19700084319	Improved LAPES equipment and techniques. Phase 1 - Performance evaluation of a drogue initiation device	1970
19700084321	The mechanics of fracture in viscoelastic media Annual progress report, 1 Nov. 1967 - 30 Nov. 1969	1970
19700084323	Solar panels, volume 3 Report bibliography, Mar. 1961 - Jul. 1969	1970
19700084324	Solar cells, volume 2 Report bibliography, Dec. 1958 - Jun. 1969	1970
19700084329	Task 2 storable propellant module environmental control technology	1970
19700084330	APROC programming manual	1970
19700084332	Study on thin electrode fuel cells Final report, 1 Nov. 1968 - 15 Jan. 1970	1970
19700084334	Engine deluge control console - NASA drawing no. 76K30587-2	1970
19700084338	The 06302J Lance missile no. 5137, round no. 76 RMT /4 February 1970/ Meteorological data report	1970
19700084341	An eight-day dew recorder	1970
19700084342	Refractories in magnetohydrodynamic generators	1970
19700084343	Development and evaluation of a boiler smoke density optimizer with fuel cutback feature for smoke abatement Final report	1970
19700084347	Computer solution of quadratic equations Technical report	1970
19700084348	Pyrolysis of rayon treated with bis/chlorodiphenylphosphine/-decaborane and dimeric chlorophospha /III/-O-carborane Interim report, Nov. 1968 - Jun. 1969	1970
19700084349	A portable chamber for the growth and isolation of infected plants	1970
19700084351	Methods for predicting primary photocurrents	1970
19700084352	ATS-5 millimeter wave experiment data report, October - December 1969	1970
19700084353	Apollo guidance, navigation and control. Fluid effects in floated inertial instruments	1970
19700084354	Test and evaluation of C-band command system for lightweight reconnaissance drone Final report	1970
19700084355	Faraday rotation, volume 2 Report bibliography, Jan. 1960 - Jul. 1969	1970
19700084356	Evaluation of the ground mounted aircraft position indicating camera Final report	1970
19700084357	Atmospheric structure, White Sands Missile Range, New Mexico. Part 6 - Surface - 65 kilometers	1970
19700084362	Amplitude Effects of the Auroral Ionosphere on Satellite Telemetry at 136 and 1700 Mhz	1970
19700084363	Production engine report T53-L-701	1970
19700084364	Histological and chemical changes in atrophied skeletal muscles	1970
19700084365	Blood flow measurements in the calf muscle of healthy men at rest, after ischemia, during and after muscular exercise, with the use of electronic oscillography, plethysmography and xenon 133 clearance	1970
19700084366	Modified analogy of terrestrial law in outer space /ques/	1970
19700084367	An evaluation of design analysis techniques for high performance ballistic vehicle graphite nose tips. Volume 3 - Boundary layer transport phenomena, appendix C Final report, 15 Apr. - 31 Dec. 1968	1970
19700084368	An evaluation of design analysis techniques for high performance ballistic vehicle graphite nose tips. Volume 4 - Thermochemical and thermochemical ablation, appendix D Final report, 15 Apr. - 31 Dec. 1968	1970
19700084369	An evaluation of design analysis techniques for high performance ballistic vehicle graphite nose tips. Volume 5 - In-depth thermal response, appendix E Final report, 15 Apr. - 31 Dec. 1968	1970
19700084370	An evaluation of design analysis techniques for high performance ballistic vehicle graphite nose tips. Volume 6 - Thermal stress, appendix F Final report, 15 Apr. - 31 Dec. 1968	1970
19700084372	Development of test rocket vehicle	1970
19700084373	Review of recent developments. Low- temperature properties of metals	1970
19700084374	Generalized data management system project. Volume 1 - GDMS project technical report, glossary of terms. Appendix A - GDMS alternative 1, overview. Appendix B - GDMS alternative 2, overview	1970
19700084375	Generalized data management system project. Volume 2 - Appendix C - Operating system and hardware study. Appendix D - Language processor study	1970
19700084376	Generalized data management system project. Volume 3 - Appendix E - Mate design approach. Appendix F - User language	1970
19700084377	Generalized data management system project. Volume 4 - Appendix G - GDMS alternative 1. Appendix H - GDMS alternative 2	1970
19700084382	Transonic investigation of the interference flow field beneath the Navy F-14A aircraft /U/	1970
19700084383	Low temperature fragmentation of mild steel cylinders /U/	1970
19700084394	High Reynolds number aerodynamic test of a delta wing model at Mach number 12 /U/ Final report, 13 Aug. - 24 Sep. 1969	1970
19700084395	Airborne data terminal set AN/ACQ-6/XN-1/ /U/ Final engineering report	1970
19700084403	Long time annealing tests with variants of Dragon reference type 1 fuel	1970
19700084405	Demand mode integral rocket ramjet /U/ Final technical report, 1 Jan. - 31 Dec. 1969	1970
19700084407	Advanced component improvement program for TF30 series engines used in F-111 aircraft /U/ Final technical report, 1 Apr. - 31 Dec. 1969	1970
19700084408	Liquid gas generator propellant development /U/	1970
19700084410	The aerodynamic characteristics and initial conditions properties of a 20mm flechette /depleted uranium/ at standard muzzle velocity /U/	1970
19700084414	Development and demonstration of passively cooled thrust chamber assemblies for fluorinated propellants /U/ Interim report, 15 Feb. 1968 - 1 Jan. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084419	Thermal decomposition of explosives. Part 3 - The reaction of composition B in the presence of various paints /U/	1970
19700084424	Hypersonic aerospace-vehicle structures program. Volume 6 - Summary /U/ Final report, 15 Feb. 1967 - 22 Dec. 1969	1970
19700084425	The unsteady one-dimensional expansion of oxygen	1970
19700084427	Apollo mission H2/LM-7/DPS preflight performance report	1970
19700084429	Dragon project engineering studies on the direct cycle HTR	1970
19700084431	Solid state division Progress report, 1 May - 31 Oct. 1969	1970
19700084436	Apollo 13/AS-508/109/LM-7 operational calibration curves. Volume 2 - Calibration curves for Lunar Module LM-7 and subs	1970
19700084447	Apollo 13/AS-508/109/LM-7 operational calibration curves. Volume 3 - Calibration curves for Saturn launch vehicle AS-508	1970
19700084449	The solution of heat transfer problems by the finite element method using NASTRAN	1970
19700084450	Development of zero gravity hydrophobic/ hydrophilic bubble separators	1970
19700084451	Design, fabrication, and test of the breadboard unit of the Cosmic Dust Analyzer experiment Final report	1970
19700084453	Dynamic control study for two closely co-orbiting satellites	1970
19700084454	Evaluation and test of xenon lamps, phases 2 and 3, volume 2 Final report	1970
19700084457	Reference mission analysis program - User's manual	1970
19700084463	Canadian materials newsletter no. 41	1970
19700084464	Functional semeiology of the lymphocyte reaction correlated with investigation into the inorganic component with the electronic sonde microanalyzer in some human diseases of immunological character	1970
19700084465	The effect of a six-hour immersion in thermodifferent water on circulatory control and work capacity in trained and untrained subjects	1970
19700084469	F-14 aircraft, automated aircrew escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring of Interim report, Feb. 1970	1970
19700084470	Photographic equipment bags Final report	1970
19700084472	Pennsylvania-Princeton-Army avionics research program. Antenna research task. Radiation characteristics of a short dipole or monopole mounted on a conducting cylinder for wavelengths at and near the cylinder resonant length	1970
19700084473	Spiroclicical orthosilicic ester	1970
19700084474	Step-by-step automation of photogrammetric height registration	1970
19700084475	Irradiation installations in France for food irradiation	1970
19700084477	Elastic-plastic fracture mechanics, part 3 Final report, 1 Apr. 1968 - 30 Sep. 1969	1970
19700084479	Radar and sonar signal design - Use of stationary phase approximation Technical publication, Oct. 1967 - Oct. 1968	1970
19700084480	Influence of number and spacing of sensors on the effectiveness of seismic arrays	1970
19700084481	Research and development of semiconductor diodes for use in harmonic generator applications using single diodes Final report, 20 Sep. 1966 - 30 Jan. 1970	1970
19700084482	Investigation of rotary actuation technique Quarterly technical report, 3 Oct. 1969 - 3 Jan. 1970	1970
19700084483	Comparative evaluation of safety wired V-band couplings versus couplings with an integral safety device Final report	1970
19700084486	S-3 aircraft, automated aircrew escape system, design monitoring and evaluation of Interim report, 1 Feb. - 5 Mar. 1970	1970
19700084488	Beryllium wrought products	1970
19700084489	Dust tests Final report	1970
19700084492	High power coherent X-band solid state source Final report, 6 Aug. 1969 - 6 Feb. 1970	1970
19700084493	Encapsulation Report bibliography, May 1955 - Jul. 1969	1970
19700084497	Operational evaluation of the AN/APS-117 /Shrike TIAS/ /U/ Final report	1970
19700084499	Conduct a concurrent evaluation of the AN/BOR-16 Hindsight sonar /U/ Final report, 21 Mar. - 7 Aug. 1969	1970
19700084500	General surveillance of the Solid Bullpup Sustainer Mark 8 Mods 1 and 2 /U/	1970
19700084501	Flight test of the LTN-51 inertial navigation system /U/ Final report, 17 Mar. - 30 Sep. 1969	1970
19700084502	Conduct a fleet operational investigation of the AN/SSQ-58/XN-1/ Inshore Undersea Warfare Sonobuoy /U/ Final report	1970
19700084504	Pressure vessels, volume 2 Report bibliography, Jan. 1963 - Jun. 1969	1970
19700084507	GaAs degradation Annual report, 28 Oct. 1968 - 28 Oct. 1969	1970
19700084509	Deep water ambient noise levels in the tongue of the ocean, Bahamas, February 1965 Informal report	1970
19700084511	Analysis of strain seismograph data Seismic data laboratory report	1970
19700084512	Electroplating, volume 2 Report bibliography, Jun. 1945 - Jun. 1969	1970
19700084515	Migration of selected impurities in SiO2 passivation layers Final report, 12 Feb. 1969 - 12 Feb. 1970	1970
19700084516	Staged combustion rocket motor for storable propellants	1970
19700084518	F-14 airplane, automated aircrew escape system, operational aeromedical and human factors, maintainability and engineering evaluation, and system development, monitoring of /GAC prototype GRU-7A/ Interim report, 15 Oct. - 30 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084519	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 9 Oct. 1969 - 8 Jan. 1970	1970
19700084520	A chemical information and data system Semiannual report, 1 Sep. 1969 - 31 Jan. 1970	1970
19700084521	Development of thin-film active devices on an improved insulating substrate Interim engineering report, 15 Nov. 1969 - 14 Feb. 1970	1970
19700084522	Mathematical modeling of aircraft antennas and supporting structures Final report, 1 Jul. 1968 - 30 Sep. 1969	1970
19700084524	Big Screen Night Observation Device Final letter report	1970
19700084525	Adiabatic gas flow Report bibliography, Feb. 1947 - Oct. 1969	1970
19700084527	Qualification tests of two 18.0 ampere-hour, type MS18045-41, and two 31.0 ampere-hour, type MS18045-42, 24-volt, lead-acid aircraft storage batteries containing Texon separators manufactured by Teledyne, Incorporated, Gill Electric Division Final report	1970
19700084528	Dragon project report. Stresses in the graphite fuel tubes of a high temperature gas cooled reactor	1970
19700084531	Experimental investigation of aerodynamic phenomena in the wake of a rapidly stalled wing Final report, 5 Feb. 1968 - 5 Jun. 1969	1970
19700084532	Propulsion effects on aerodynamic characteristics of lifting reentry vehicles Final technical report, 1 Dec. 1968 - 31 Aug. 1969	1970
19700084533	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Sep. - 20 Dec. 1969	1970
19700084534	High pressure ratio centrifugal compressor program Quarterly technical progress report, 24 Nov. 1969 - 31 Jan. 1970	1970
19700084535	Analysis of VTOL handling qualities requirements. Part 2 - Lateral-directional hover and transition Final report, Jul. 1968 - Jan. 1970	1970
19700084537	Wind predictability studies, phase 2	1970
19700084538	Ceramic R and D programs. Part 1 - Air Force supplement	1970
19700084540	P-7 and P-7-2 /T-62T-11 and T-62T-27/ product support program Final report, 1 Jan. - 31 Dec. 1969	1970
19700084542	Optimizing the combination of strength and stress-corrosion resistance of 7075 aluminum by thermal-mechanical treatments Final report, 1 Apr. 1969 - 31 Mar. 1970	1970
19700084548	Notch Effects on Crack Initiation in Low Cycle Fatigue	1970
19700084554	Advanced plutonium fuels program Quarterly status report, 1 Oct. - 31 Dec. 1969	1970
19700084556	Project Themis. Metal deformation processing Annual report, 1 Sep. 1968 - 31 Aug. 1969	1970
19700084557	Investigation of single-bubble cavitation at 10 Hz in a water-filled pressure chamber	1970
19700084558	Applicability of the Kryptonate technique to the prediction of useful fatigue life Technical report, 6 Nov. 1967 - 30 Apr. 1969	1970
19700084559	A computer program to determine the elastic instability of ring frames Final report	1970
19700084560	Production engineering measures for hybrid integrated circuit solid state front end Quarterly progress report, 29 Sep. - 29 Dec. 1969	1970
19700084566	High power solid state amplification Interim technical report, 1 Jun. - 30 Nov. 1969	1970
19700084568	Superconducting receiver techniques Final technical report, Sep. 1968 - Sep. 1969	1970
19700084570	Research in nuclear chemistry Progress report, 1 Jul. 1969 - 31 May 1970	1970
19700084572	Optimal retrorocket-parachute retardation system for air-dropped bombs	1970
19700084573	The refractive index of pure water and seawater as a function of high pressure and moderate temperature. Part 3 - Seawater for various wavelengths	1970
19700084574	Ring wings Report bibliography, Aug. 1953 - Aug. 1969	1970
19700084575	Application of materials to advanced rocket propulsion systems Final report, 1 Jul. 1967 - 1 Jul. 1969	1970
19700084576	Cladding, volume 2 Report bibliography, Jul. 1944 - Nov. 1969	1970
19700084577	Structural airframe application of advanced composite materials. Volume 5 - Mechanical properties, fatigue Final report	1970
19700084578	Study of the basic kinetics of decomposition of MMH and MHF and the effects of impurities on their stability Quarterly report, 15 Dec. 1969 - 15 Mar. 1970	1970
19700084579	Precision quartz crystals Semiannual report, 15 Jun. - Dec. 1969	1970
19700084582	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage Quarterly report, 30 Sep. - 30 Dec. 1969	1970
19700084583	Wireline simulator Final technical report	1970
19700084584	Ultrahigh pressure arc heater studies /phase 3/ Final report, Apr. - nov. 1969	1970
19700084586	Report of the Mount Haleakala Observatory - A high resolution, atmospheric lidar data- acquisition system	1970
19700084587	The 50 watt-76 MHz PEM transistor, radiation resistant high power Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700084588	Manufacturing methods of composite materials, volume 2 Bibliography report, Apr. 1963 - Oct. 1969	1970
19700084592	Stability characterization of refractory materials under high velocity atmospheric flight conditions. Volume 3, part 3 - Experimental results of high velocity hot gas/cold wall tests Technical report, Apr. 1966 - Jul. 1969	1970
19700084593	Life test of attitude control and station keeping subsystem Technical report, 11 Aug. 1967 - 15 Aug. 1969	1970
19700084594	An investigation of turbine blade/disk attachment methods for small, cooled gas turbines Final report	1970
19700084596	Optics research, 1969 Quarterly technical summary report, 1 Sep. - 30 Nov. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084607	High temperature hydrocarbon fuels research in an advanced aircraft fuel system simulator on fuel AFFB-12-68	1970
19700084609	Heavy lift helicopters Report bibliography, Jul. 1953 - Aug. 1969	1970
19700084610	Pitot Tubes Report bibliography, Jul. 1944 - Sep. 1969	1970
19700084611	Shark screen in a simulated ocean survival environment Final report, 15 Feb. - 31 May 1969	1970
19700084613	Investigation including a testing program to develop improved beryllium alloys Final report	1970
19700084616	Xenon lamps, volume 2 Report bibliography, Sep. 1952 - Dec. 1969	1970
19700084619	Electronics and telecommunications in the light of the requirements of the national economy and culture and also of the national defense	1970
19700084622	Crosslink density determinations for polymeric materials	1970
19700084623	Concept formulation of an associative processor	1970
19700084624	Design of a general purpose high speed programmable Fourier processor	1970
19700084625	Reflectivity measurements of the interior of simple metallic ducts	1970
19700084627	Aircraft rockets, 2.75-inch, volume 1 Report bibliography, Oct. 1945 - May 1969	1970
19700084628	Evaluation of the detection capabilities of the UBSO long-period array	1970
19700084629	Aerobee NASA 4.284 and Aerobee NASA 4.137DS /7 March 1970/ Meteorological data report	1970
19700084630	Design and construction of a continuous-flow, high-temperature reactor Technical report, Nov. 1963 - Aug. 1966	1970
19700084633	Dragon project report. Control and safety studies for an HTR gas turbine system	1970
19700084634	Static and cyclic fatigue of alumina and graphite Progress report	1970
19700084635	Research activities Progress report, 1 May 1969 - 30 Apr. 1970	1970
19700084637	Vaporizing and endothermic fuels for advanced engine application. Volume 1, part 3 - Studies of thermal and catalytic reactions, thermal stabilities, and combustion properties of hydrocarbon fuels Technical report, Jun. 1968 - Sep. 1969	1970
19700084638	Development of whisker-reinforced light alloys Quarterly technical report, Oct. - Dec. 1969	1970
19700084639	Dragon Operations Group Quarterly progress report, Dec. 1968 - Feb. 1969	1970
19700084640	Radiochemical studies Progress report	1970
19700084641	Radiation chemistry Technical progress report, 1 Jul. 1969 - 1 Apr. 1970	1970
19700084642	Field patterns in a saturated iron pipe	1970
19700084645	Aerosol sampling for particle size analysis Final comprehensive report, Jan. 1969 - Jan. 1970	1970
19700084646	Investigation of techniques of three- dimensional finite element stress analysis	1970
19700084648	A 300 C rotating rectifier alternator. Phase 2 - Design, fabrication, and test of alternator Interim technical report, 16 Nov. 1969 - 15 Feb. 1970	1970
19700084649	Fatigue and fracture of aircraft structures and materials Report bibliography, Oct. 1948 - Jul. 1969	1970
19700084650	Production engineering measure for thermal batteries BA-627 and BA-630 Quarterly report, 16 Jul. - 30 Oct. 1969	1970
19700084651	Helicopter escape and personnel survival system. Exhaust plume impingement study.	1970
19700084652	Application of the Illiac 4 computer to problems in the numerical calculation of electromagnetic fields Technical report, Sep. 1968 - Jan. 1969	1970
19700084653	Sapphire ribbon Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700084654	Humidity test, materiel test procedure Final report	1970
19700084657	Preliminary summary report on Milrow	1970
19700084661	The J65 product support program Final report for 1969	1970
19700084662	Development of RT-963 /XN-1,-2,-3/ APX-72 diversity IFF transponder /Hartlobe/ Final report, 22 Jul. 1968 - 28 Feb. 1970	1970
19700084663	Service revealed difficulties, T55 engines Status report no. 1, 1-31 Jan. 1970	1970
19700084664	Evaluation and modification of antenna coupler groups AN/URA-27 and AN/URA-34 Final report	1970
19700084665	Study of adhesion of activated carbon to surfaces Final report, Jun. 1968 - Dec. 1969	1970
19700084668	Technical services and flight test support, and feasibility of midair transfer of air- towed dummy to a second airplane Interim report, 1 Jan. - 15 Mar. 1970	1970
19700084669	Manufacturing techniques for controlled deposition and application of doped oxides Interim engineering progress report, 1 Sep. - 30 Nov. 1969	1970
19700084671	Stable Ku band master oscillator Interim technical report	1970
19700084675	Wide angle pinhole lens and TV camera system design, fabrication and checkout Final report, Feb. - Aug. 1969	1970
19700084676	Aerobee NRL NB 3.237 /28 February 1970/	1970
19700084677	Honest John missile number 633, round number M50E599AML /5 March 1970/	1970
19700084681	Epitaxial growth of ferrimagnetic garnets Quarterly technical report, 15 Dec. 1969 - 15 Mar. 1970	1970
19700084692	Lycoming T55-L-7C engine sea level low and high temperature climatic and altitude starting performance verification tests Final report	1970
19700084693	Comparative economic study of launch facilities, launch operations and support for a range of intermediate payload launch vehicles Final report	1970
19700084694	Introduction	1970
19700084695	Development of launch concepts /task 1/	1970
19700084696	Detailed analysis of selected concepts /tasks 2 and 3/	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084697	Cost analysis	1970
19700084698	Cost comparison analysis /task 4/	1970
19700084699	Conclusions and recommendations	1970
19700084714	The determination and specification of the preliminary instruction repertoire for the advanced avionics digital computer Final report	1970
19700084716	Operating characteristics of a 45 deg slant, segmented wall, magnetohydrodynamic generator channel under no-power conditions Final report	1970
19700084719	Emission spectrographic analysis of superdentalloy /tungsten alloy/	1970
19700084720	Low-frequency phase-measuring techniques	1970
19700084721	Comparison of accelerated laboratory tests for assessing resistance of 7178 aluminum alloy to exfoliation	1970
19700084724	Evaluation of high temperature fire and explosion suppressant configurations for aircraft fuel system applications Technical report, 1 Jul. 1968 - 30 Sep. 1969	1970
19700084725	Susceptibility of selected communication equipment to electrical transients Final report, Sep. 1968 - Jun. 1969	1970
19700084727	T-38 airframe fatigue analysis and service life estimate	1970
19700084729	Logarithmic video amplifiers	1970
19700084730	Analysis and flight evaluation of a newly developed fast rise meteorological balloon at the Kwajalein missile range, Marshall Islands	1970
19700084734	The interaction of random and ordered error distribution Technical report, Nov. - Dec. 1969	1970
19700084735	Gravity correlation studies for determination of gravity field of earth Final report, Oct. 1968 - Jan. 1970	1970
19700084736	Translations on French nuclear, missile, space, and related military developments, no. 232	1970
19700084738	Topics in active devices and network synthesis Final technical report, Nov. 1967 - Aug. 1969	1970
19700084742	Assistance on radar tests Technical report, 1 Jul. 1967 - 31 Dec. 1968	1970
19700084743	A-7 throttle linkage failure test program Interim report, 5 Nov. - 19 Dec. 1969	1970
19700084744	Evaluation of Kodak Versamat processor, model 11C-M	1970
19700084745	High power UHF solid state amplifier Final technical report, 15 Apr. - 15 Oct. 1969	1970
19700084746	Machining, volume 2 Bibliography report, Sep. 1952 - Sep. 1969	1970
19700084749	Research on diffusion in multiphase ternary systems - Reaction diffusion in the Ti/SiC and Ti-6Al-4V/SiC systems Technical report, 1 May - 31 Dec. 1969	1970
19700084750	Trebein road S-band tracking system modification Final technical report, Jan. - Dec. 1969	1970
19700084756	Mode 1A recertification of Automatic Carrier Landing System /ACLS/ aboard USS America /CVA-66/	1970
19700084759	Design, fabrication, and testing of glass-fiber reinforced plastic box beam structures two spar configuration Final report	1970
19700084760	A tree test facility gamma ray spectrum analyzer Technical report, May 1967 - Dec. 1969	1970
19700084761	Integrated solid state Ku-band source Final report, 1 May 1967 - 10 Oct. 1969	1970
19700084762	Single crystal spinel for electronic application Final report, 16 Sep. 1968 - 15 Sep. 1969	1970
19700084763	Review of recent developments - Fiber-reinforced metals	1970
19700084764	Performance evaluation of cadmium telluride detectors to gamma photon radiation	1970
19700084765	Maintainability engineering design notebook Final technical report, Feb. 1968 - Jul. 1969	1970
19700084766	Report bibliography - Air Force Rocket Propulsion Laboratory, January 1968 - December 1969	1970
19700084768	Governor improvement program on MC-16 fuel control for J69-T-41A turbojet engine	1970
19700084769	The data base of the Naval Oceanographic Live Atlas	1970
19700084773	High power transistor structures - 5 watts at 3.5 gigahertz Interim technical report, 15 Dec. 1968 - 15 Dec. 1969	1970
19700084774	Integrated aircraft instrumentation Final report	1970
19700084776	Modeling of aerosol transport in the marine environment Final report	1970
19700084777	Corrosion cracking of metallic materials Technical report, 15 Dec. 1968 - 31 Dec. 1969	1970
19700084778	A wave amplitude approach to noise analysis with application to a new method of noise measurement	1970
19700084788	Primate Hemodynamic And Metabolism in an Orbiting Satellite /PHAMOS/ Semiannual status report, 1 Aug. 1969 - 31 Jan. 1970	1970
19700084789	Computerized RADC reliability notebook /GE/645/TSS basic/ Final technical report	1970
19700084790	Noise in semiconductors Semiannual report, 15 Nov. 1968 - 16 Nov. 1969	1970
19700084792	Electrical tests, AS-1922/ARC homing antenna	1970
19700084793	Strapped-down Accelerometer and Angular Rate Sensor /SAARS/ Final technical report, 3 Jan. 1969 - 3 Jan. 1970	1970
19700084794	Forging, volume 2 Bibliography report, Dec. 1952 - Oct. 1969	1970
19700084795	Civil defense systems - Communications Bibliography report, Jul. 1960 - Oct. 1969	1970
19700084796	Methods for removing water from biological materials - A literature review. Part 2 - Bibliography	1970
19700084797	Development of microwave semiconductor noise diode and diode holder Quarterly report, 17 Oct. 1969 - 16 Jan. 1970	1970
19700084800	Explanatory hypothesis of the absence of erosion, chemical effects, and sonoluminescence in true ultrasonic cavitation	1970
19700084801	Prediction of electron density and collision cross section. Volume 3 - Preliminary theoretical analysis of the 1/20-scale model F-1 plume Final report	1970
19700084802	Flight report for Delta vehicle S/N 20015, Delta program mission no. 75, spacecraft Intelsat 3-F	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084804	Research and development program for a combined carbon dioxide removal and reduction system, phase 2B Final report	1970
19700084805	Introduction to research studies	1970
19700084806	Engineering activities	1970
19700084807	How to associate trajectory estimates with missiles	1970
19700084810	Feasibility study of a High Energy Astronomy Observatory /HEAO/ spacecraft. Volume 2 - Appendices Summary report	1970
19700084811	Spacecraft attitude control using magnetic torquers, appendix A	1970
19700084812	Attitude control performance simulation, appendix B	1970
19700084813	Investigation and compilation of the thermodynamic properties of high temperature chemical species Final technical report, 1 Jan. 1967 - 31 Dec. 1969	1970
19700084814	Final project report for a nitrogen pressure regulator P/N 627000	1970
19700084815	Electrolytic polishing Bibliography report, Jun. 1960 - Sep. 1969	1970
19700084816	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft Interim engineering progress report, 1 Jun. - 31 Aug. 1969	1970
19700084817	Manufacturing methods for producing large diameter close tolerance superalloy castings Interim engineering progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700084818	Flight report for Delta vehicle S/N20009, Delta program mission number 76 spacecraft - Tiros-M	1970
19700084820	Operational procedure for determining space vehicle response to wind turbulence, volume 1 Interim report	1970
19700084821	Operational procedure for determining space vehicle response to wind turbulence, volume 2 Interim report	1970
19700084823	Automated Mars surface sample return mission/system study. Volume 1 - Summary Final report	1970
19700084827	A preliminary survey of commercially available D-cell battery power sources for use with a developmental communication system for explosive ordnance disposal applications	1970
19700084828	Piezocrystal constrained gyro development program	1970
19700084829	Nitranol PBXW-100 stability Final report	1970
19700084831	Speech bandwidth-compression study for naval air communications Final report, 24 Jan. 1969 - 31 Mar. 1970	1970
19700084832	Mechanical properties of beryllium alloys Report bibliography, Jan. 1960 - Nov. 1969	1970
19700084833	An empirical model for atmospheric transmission in the mid infrared spectral region	1970
19700084834	Pulse characteristics of a typical missile ground system cable	1970
19700084835	Preoperational inspection and physical characteristics /missile and rocket systems/ Final report	1970
19700084836	Computational techniques for predicting the response of missile and re-entry bodies to arbitrary multiple loadings Final report, 2 Mar. 1966 - 1 Jul. 1969	1970
19700084837	Etching, volume 2 Report bibliography, Oct. 1953 - Nov. 1969	1970
19700084838	A microscopic study of the friction process Final report, Jan. - Aug. 1968	1970
19700084839	Changes in the plasma volume during supine pedaling exercise in subjects with normal heart and with right cardiac insufficiency	1970
19700084841	The adjustment of the circulatory system to effort	1970
19700084842	Quantitative blood flow measurement in the legs at rest and after various types of stress	1970
19700084843	Configuration management Bibliography report, Jan. 1954 - Oct. 1969	1970
19700084844	Defense systems radar power generation and heat dissipation design study	1970
19700084845	Production engineering measure for improved reliability of solid tantalum capacitors Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700084846	Investigation of the possible application of cepstrum to active sonar as an aid in the classification and detection of underwater targets Quarterly progress report, 5 Jan. - 5 Apr. 1970	1970
19700084847	Molecular engineering of Pt-based electrocatalysts hydrocarbon fuel cell electrodes Semiannual interim report, 1 May - 31 Oct. 1969	1970
19700084848	Variable stability demonstration program for USAF aerospace research pilot school	1970
19700084851	Calibration of the AEDC-PUT aerodynamic wind tunnel /4T/ using diffuser flap plenum suction Final report	1970
19700084852	Forward Air Controller /FAC/ visual training. Volume 2 - Plan of instruction and program evaluation procedure	1970
19700084853	Applications of cumulative damage in the preparation of parametric grain design curves and the prediction of grain failures on pressurization Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700084854	Integrated tunnel diode amplifiers for X-band applications Quarterly report, 11 Nov. 1969 - 10 Feb. 1970	1970
19700084855	Mechanical properties of beryllium, volume 2 Report bibliography, Feb. 1960 - Jul. 1969	1970
19700084857	Frozen flow Report bibliography, Sep. 1951 - Oct. 1969	1970
19700084858	Lubricants for use in the space environment, volume 2 Report bibliography, Jan. 1960 - Aug. 1969	1970
19700084859	A study of direct lift control to improve maneuverability in the transonic region	1970
19700084860	Ultrasonic examination of Weteye bombs at Dugway Proving Ground	1970
19700084861	Evaluation of bulkhead brackets for use with MS17821 plastic cable straps Final report	1970
19700084862	Corrosion studies of 10Ni-2Cr-1Mo-8Co steel	1970
19700084863	Study and design of an ejection system for VTOL aircraft. Volume 2, part 1 - Escape system parameters analysis Final report, Apr. 1969 - Jan. 1970	1970
19700084864	Investigation of the variables affecting the repeatability of the Alcor high temperature deposition test for gas turbine synthetic lubricating oils	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084866	Suboptimal linearized guidance laws for stochastic interception and rendezvous problems	1970
19700084868	A nonsimilar solution for multicomponent reacting laminar and turbulent boundary layer flows including transverse curvature Technical report, Mar. 1968 - Oct. 1969	1970
19700084869	The 10.6 micron optical scanner Final report, 20 May 1969 - 19 Feb. 1970	1970
19700084870	A comparison of line-by-line and two- dimensional encoding of random images	1970
19700084874	Visual source models, their entropy and data compression schemes Final report	1970
19700084876	Chemical light panel production description and performance data	1970
19700084878	Transition probabilities of nitric oxide spectroscopic systems Technical report, 18 Jan. 1968 - 18 Jul. 1969	1970
19700084879	Advanced techniques in A/B computer memories Final report	1970
19700084880	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700084881	Statistical presentation of landing parameters for the model A-7A aircraft aboard the USS Constellation /CVA-64/ operating in the central Pacific Ocean during ORI /Operations Readiness Inspection/ conditions, survey 21	1970
19700084882	Protective mask electronic speech devices Quarterly progress report, Oct. - Dec. 1969	1970
19700084883	Teaching machines and programmed instruction, volume 2	1970
19700084884	Error control in HF fleet broadcast system Research and development report, Oct. 1968 - Jan. 1970	1970
19700084885	Gear and transmission oils	1970
19700084887	Bases for calculating power and energy requirements in forging and rolling	1970
19700084888	Research on mitigation of spline wear by means of plastic coatings Final report, 6 Jan. 1969 - 5 Jan. 1970	1970
19700084891	Reliable Advanced Solid-State Radar /RASSR/ Quarterly report, 16 Dec. 1969 - 15 Mar. 1970	1970
19700084894	Notes on the diffraction of sound	1970
19700084898	Development of rain erosion resistant coatings for high speed aircraft Final report, 15 Apr. 1969 - 14 Jan. 1970	1970
19700084899	An investigation of fatigue behavior of reinforced plastics for primary aircraft structures Final report, 1 Jan. - 31 Dec. 1969	1970
19700084900	Reactive bonding of solution treated titanium alloys Final report, 1 Jul. - 31 Dec. 1969	1970
19700084901	Electromagnetic shielding of a synchronous motor for spacecraft application	1970
19700084903	Experimental magnus characteristics of basic and boattail configurations of 3-cal and 5-cal Army-Navy spinner projectiles at subsonic and transonic Mach numbers Final report	1970
19700084906	External light modulation by means of the Pockels effect	1970
19700084907	X-band CW generator development Final report, 17 Jun. 1966 - 1 Jan. 1970	1970
19700084908	Translations on French nuclear, missile, space, and related military developments no. 233	1970
19700084910	Tests on the superstall characteristics of a model representing the airbus type of aircraft, including the effects of tailplane height, wing-mounted nacelles and high-life devices	1970
19700084913	Analysis of a class of variable thickness reinforcement around a circular hole in a flat sheet	1970
19700084914	D/A converter for ferrite phase shifters used in an electronic scanning radar system	1970
19700084916	Advanced technology VTOL drive train configuration study Final report	1970
19700084917	Evaluation of an airborne TV system in day VFR conditions /Polar Ice/ Final report, 25 Sep. - 15 Oct. 1969	1970
19700084922	Translations on French nuclear, missile, space, and related military developments no. 234	1970
19700084923	Monoenergetic electron excited gas laser Final technical report, 1 Dec. 1968 - 1 Dec. 1969	1970
19700084924	Solid-state digital scanning of mosaic sensors, phase 4 Final report, 15 Dec. 1968 - 15 Dec. 1969	1970
19700084925	Microwave solid-state device studies Quarterly progress report, 1 Sep. - 1 Dec. 1969	1970
19700084927	Methods for removing water from biological materials - A literature review. Part 1 - Review and tables	1970
19700084929	High temperature hydrocarbon fuels research in an advanced aircraft fuel system simulator Final report, 1 Feb. 1966 - 15 Dec. 1969	1970
19700084930	Forward air controller visual reconnaissance training manual	1970
19700084931	Integrated phased array Final technical report, 20 Nov. 1968 - 20 Nov. 1969	1970
19700084932	Manufacturing methods for high performance polyethylene battery separators Interim engineering progress report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700084933	Hydrogen-impregnated glass covers for hardened solar cells Technical report, 15 Nov. 1968 - 15 Jan. 1970	1970
19700084934	The 30,000 rpm vane-pump demonstration Interim technical report, 1 Jan. - 31 Mar. 1970	1970
19700084935	Studies in solid-state science. 3 - A literature survey of iodine	1970
19700084936	Function generators with zener diodes	1970
19700084938	Pneumatic teleprinter-tape reader	1970
19700084939	Linearized equations of projectile motion including wind effects	1970
19700084941	Evaluation of GaAs laser beacon, hand-held, 25-28 November and 5-8 December 1969	1970
19700084942	Equipment for controlling an analog computer by punched tape and some of its uses	1970
19700084943	An analysis of polymers by gas chromatography /a survey/	1970
19700084944	Research on flight control systems. Volume 1 - The flow difference sensor Final report, 16 Aug. 1968 - 14 Nov. 1969	1970
19700084945	Coherent multiplexing and array techniques Interim technical report, 1 Jan. - 31 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700084946	Advanced engine control program for 2 to 5 pounds per second airflow engines Semiannual summary report, Sep. 1969 - Feb. 1970	1970
19700084947	Seismic Data Laboratory Quarterly technical summary report, Jan. - Mar. 1970	1970
19700084948	High power broadband 3 GHz source Technical report, 15 Nov. 1968 - 15 Nov. 1969	1970
19700084950	High energy red flashtube research /U/	1970
19700084952	Feasibility research directed toward reliable ordnance quality, storage stable propellants /U/	1970
19700084953	Rocket propellant program, Propellants Laboratory /U/ Technical status report, Oct. - Dec. 1969	1970
19700084955	Coverage predictions for the Navy fixed, VLF transmitter facilities, March - May 1969 /U/ Interim report	1970
19700084956	KA-55 combat profile test, supplement /U/ Final report	1970
19700084959	Current density in the EMP problem /U/ Interim report	1970
19700084965	LHM-1 in an ethyl acrylate/domino propellant /U/	1970
19700084968	DOD-AIMS Mark 12 systems flight tests /U/ Final report, 22 Oct. - 23 Dec. 1969	1970
19700084969	The microbiological deterioration of rubber	1970
19700084970	Status, problems, and prospects of the development, production, and use of reinforced plastics	1970
19700084974	Radiation hardening circuitry using new devices Final report, 17 Jun. 1968 - 20 Oct. 1969	1970
19700084975	Inclusions in high-strength and bearing steels. Their dependence on processing variables and their effect on engineering properties Final technical report, 15 Jun. 1967 - 15 Aug. 1969	1970
19700084976	Study of the reproducibility of high- performance HTPB propellant /U/	1970
19700084981	Conduct a concurrent evaluation of the AN/SPS-52 radar /U/ Final report, 13 Oct. 1969 - 27 Jan. 1970	1970
19700084985	ALSS-1 sea test program, phase 2B /U/	1970
19700084991	Single-chamber stop/start solid rocket motor, volume 1 /U/ Final report, 1 Apr. 1968 - 12 May 1969	1970
19700084993	Engine technical data and program planning study for the SERJ/X-15 advanced propulsion demonstrator. Phase 1 - Problem definition /U/ Final report	1970
19700084994	Phoenix phase 3 program qualification of Mk 60 Mod 0 rocket motor, supplement /U/ Final report	1970
19700084996	Space programming language/Mark 2 /SPL/Mk 2/ programmer's manual Final report, Jan. - Oct. 1969	1970
19700084998	Sensitivity testing of one shot items	1970
19700084999	New plan for integrated avionics system architecture	1970
19700085000	Beam leads for complex integrated circuit arrays Final technical report, 1 May 1967 - 30 Jun. 1969	1970
19700085001	The influence of lubricants on turbine engine design Technical report, 2 Jan. 1969 - 2 Jan. 1970	1970
19700085002	Study of radiation effects on novel semiconductor devices	1970
19700085003	On four-dimensional linear and non-linear mathematical models of the glucose-insulin regulatory system	1970
19700085004	Specifications for the tape error routine /TERM 1/	1970
19700085005	Design, fabrication, and test of hydrogen cooled structural panels. Volume 2 - Material evaluation and panel fabrication Final summary technical report, Jul. 1966 - Dec. 1968	1970
19700085007	Wire routing for automatic, program instructed tools - User's manual	1970
19700085008	Evaluation of Digital Electron Beam Scanner /DEBS/	1970
19700085009	Production engineering of ferrite cores for RF application Quarterly report, Oct. - Dec. 1969	1970
19700085011	Air Force Western Test Range landbased instrumentation handbook	1970
19700085013	Interference heating measurements on a hypersonic cruise vehicle wing using the phase-change paint technique Final report	1970
19700085014	Calculation of radar cross section. Part 3 - User's manual Final report, 1 Jul. 1967 - 31 Mar. 1970	1970
19700085015	Calculation of radar cross section. Part 2 - Analytical report Final report, 1 Jul. 1967 - 31 Mar. 1970	1970
19700085016	The 1100-hp roller gear drive Final report	1970
19700085018	Flexible rolled-up solar array Quarterly technical report, 22 Dec. 1969 - 29 Mar. 1970	1970
19700085019	F-106 spin evaluation	1970
19700085020	Fabrication process for oxidation resistant diboride materials Interim technical report, 15 Mar. 1970	1970
19700085021	Compressible flow Report bibliography, Jul. 1938 - Sep. 1969	1970
19700085022	Single chamber stop/start solid rocket motor. Volume 2 - Appendixes Final report, Apr. 1968 - Feb. 1970	1970
19700085023	Research on exploratory development of nondestructive methods for crack detection, part 3 Annual report, 1 Oct. 1968 - 30 Sep. 1969	1970
19700085024	Radio-frequency and microwave flow-field diagnostic techniques in aeroballistic ranges - A comprehensive survey Final report, Sep. 1967 - Feb. 1969	1970
19700085025	The development of beryllium alloys for high strength beryllium wires Final technical report, 1 Jul. 1967 - 30 Jun. 1969	1970
19700085027	Automatic informative abstracting and extracting Annual progress report, Mar. 1969 - Mar. 1970	1970
19700085028	Vaporizing and endothermic fuels for advanced engine application. Part 3 - Studies of thermal and catalytic reactions, thermal stabilities, and combustion properties of hydrocarbon fuels, volume 2 Technical report, Jun. 1968 - Sep. 1969	1970
19700085030	Exploratory development on advanced fluids and lubricants in extreme environments by mechanical characterization, part 1 Technical report, 1 Jan. - 30 Nov. 1969	1970
19700085031	Design of diode control elements	1970
19700085032	Ram-site UHF/UHF Radar AN/FPA-22 /XW-1/ Final technical report	1970
19700085034	Standardization and combatting atmospheric air pollution	1970
19700085035	Modern mass spectrometry	1970
19700085036	Using a learning system to recognize spoken words	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085037	Formation and spray drying of microspherical grains of aluminum silicate gel	1970
19700085038	Magnetic analog memories	1970
19700085039	Hypervelocity impact damage in cadmium targets Technical report, 1 Apr. - 3 Sep. 1969	1970
19700085040	Methodology for studying the stability of aerosols to sunlight	1970
19700085041	Fracture of polymeric materials in multiaxial stress fields Technical report, Jan. 1969 - Jan. 1970	1970
19700085042	A study of stress corrosion of glass fibers. Part 2 - Effect of glass composition Final report, 1 Nov. 1968 - 1 Jan. 1970	1970
19700085043	Research on new concepts in energy conversion Quarterly technical progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700085044	Londonderry-Cheltenham data modem trials of 1968	1970
19700085046	The revision of the DASA reaction rate handbook and supporting analytical and experimental work designed for its improved application Final report, 1 Jul. 1968 - 15 Dec. 1969	1970
19700085047	Three-dimensionally reinforced ablative plastic composites, part 1 Final technical report, 5 Jun. 1967 - 5 Jul. 1969	1970
19700085048	Effect of gas and water permeability on anechoic and antiradiation coatings for underwater sound	1970
19700085049	Improved antiblackout garment, MK-2A cutaway type Final report	1970
19700085051	Evaluation of the logic card modification to the AN/UPA-60 decoder Final report	1970
19700085052	WS-430B water conservation/reclamation and silver recovery test Final report	1970
19700085053	LM descent/ascent communication availability survey for Apollo 14-19	1970
19700085054	User's guide for launch abort version of ARM 08	1970
19700085055	Plots of geomagnetic field geometry	1970
19700085057	Geometrical dilution of precision in a range- range-altitude navigation system	1970
19700085058	Evaluation of Alpak coating on 713C superalloy Final report	1970
19700085059	Development of spectroscopic and optical scattering diagnostics for non-equilibrium reacting gas flows Final technical report, Jun. 1967 - Sep. 1969	1970
19700085060	Preparation of HgTe/CdTe detectors with long wavelength peak at 5 microns Final technical report, 27 Jan. 1969 - 26 Jan. 1970	1970
19700085061	Automated Mars surface sample return mission/system study. Volume 2A - Mission analysis Final report	1970
19700085062	Mission science analysis and instrumentation, part 1	1970
19700085063	Mission mode evaluation, part 2	1970
19700085064	Mission engineering, part 3	1970
19700085065	Orbital imagery analysis, appendix A	1970
19700085066	Accelerated service test of the TF41-A-2 engine Interim report	1970
19700085067	The theory of a generalized linear antenna according to King	1970
19700085069	Reinforced plastics laminates panels - Physical tests of panels removed after the fourth exposure period Technical note, Aug. 1967 - May 1969	1970
19700085070	C-5A inertial Doppler navigation equipment developmental flight test results Interim report, Jul. 1968 - Oct. 1969	1970
19700085073	Some basic considerations of decoupling coatings	1970
19700085074	Technical evaluation of radio sets AN/PRC-68 Final report	1970
19700085075	Reuseable strippable film as a carrier for liquid crystals for use in NDT	1970
19700085076	Feasibility of glass-filament-wound plastic for Army rocket motor cases. Effects of various environments on rocket motor cases Progress report	1970
19700085077	The process development in gas plating of various metals	1970
19700085078	Studies in solid-state science. Part 1 - Absorption spectra of solids Special publication, Feb. - Jun. 1969	1970
19700085079	Yaw angle measurement of projectiles with x,y-co-ordinate system	1970
19700085080	Shock and vibration testing - Current theory and uncertainties	1970
19700085081	Chronometric north fixing with surveying gyroscopes	1970
19700085082	Concerning the mechanism of the acceleration observed during the reaction of radiochemical grafting of polymers	1970
19700085086	An investigation of a process for producing continuous beryllium fiber Final technical report, 6 Oct. 1968 - 4 Mar. 1970	1970
19700085088	Evaluation tests of TRW TF3500 fuel pump shaft seal modifications, phase B Final report	1970
19700085089	Acoustic transient signal study. Transient generator research report Technical report, Jan. - Dec. 1969	1970
19700085090	Measurement system for dielectric property determination of polymers in the decimeter wave range at 20-250 C	1970
19700085091	Second-periphery apparatus in the Robotron-300 electronic data processing equipment, part 4	1970
19700085092	Experimental evaluation of the methods of interrupting visual feedback in investigating the control system of man's movements	1970
19700085094	Liquid explosive tunnel destruct system Final report, Jul. 1967 - Jul. 1968	1970
19700085097	Photochemical transformation of aspartic acid in an aqueous solution	1970
19700085099	Review of recent developments - Refractory metals	1970
19700085100	Review of recent developments - Nickel and cobalt-base alloys	1970
19700085101	Interactive, conversational graphics for conceptual design	1970
19700085102	Aircraft/helicopter diagnostic test system	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085103	Polar properties of fabric-based fiber glass laminates	1970
19700085104	Voice and speech therapy relative to biocybernetics, part 3	1970
19700085105	Study of helicopter gear lubrication Final report, Jun. 1968 - Jan. 1970	1970
19700085107	EC-2273 removal rates of depotting solvents for electrical connectors on F-4 aircraft	1970
19700085108	Nike-Hydac STV-92 /12 March 1970/	1970
19700085109	Aerobee NASA 4.328 /13 March 1970/	1970
19700085110	Solar particle alert network radio frequency data handling plan	1970
19700085111	Lance, missile number 5115, round number 78 RST /14 March 1970/	1970
19700085112	Automated Mars surface sample return mission/system study. Volume 3 - Technology report Final report	1970
19700085113	Design, fabrication and test of hydrogen cooled structural panels. Volume 1 - Design and analysis Final report, Jul. 1966 - Dec. 1968	1970
19700085114	Studies on properties and systematics of nuclear structure effects Final technical report	1970
19700085115	Laser beam welding	1970
19700085116	Study of space station propulsion system resupply and repair Quarterly progress report, 1 Jan. - 1 Apr. 1970	1970
19700085117	Radiative thermal protection system materials for reusable reentry vehicles	1970
19700085118	Study of cryogenic propellant stratification reduction techniques Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700085119	Technology study for a large orbiting telescope Final report	1970
19700085120	The study of SiC - Base cermets 1 - Study of the Mo-SiC system	1970
19700085121	Studies on cathepsin B - Specificity and properties	1970
19700085122	The significance of the frequency group for the loudness of sounds	1970
19700085123	Numerical calculation of meteoroid impacts on the moon	1970
19700085124	The Unified Communications Navigation Identification /UCNI/ phase-in concept - Evolution, not revolution	1970
19700085126	Aerobee NASA 4.270 UG /24 January 1970/	1970
19700085127	Contoured cross rolled disks Interim engineering report, 1 Jan. - 31 Mar. 1970	1970
19700085128	Structural and mechanical effects of interstitial sinks Interim technical report, 8 Mar. 1969 - 8 Mar. 1970	1970
19700085129	Evaluation of Partlow Corporation thermometers	1970
19700085130	Test and evaluation of AN/USQ-32 distance-measuring system /Shiran/ Technical report, 1963 - 1965	1970
19700085131	Pulse-power welding of HY-130 steel Technical report, Jun. - Dec. 1969	1970
19700085133	Fundamental investigations of photoemission Quarterly report no. 3	1970
19700085134	Programming manual - Lockheed Orbital Heat Rate Package /LOHARP/	1970
19700085135	Apollo 12 landing site 7. Part 1 - Geology of the landing site and scientific objectives	1970
19700085136	Evaluation of the Systems Technology, incorporated lateral-directional control system modification in the F-4J airplane Final report	1970
19700085137	The parallel operation of microwave amplifiers using hybrid couplers Final report	1970
19700085139	A new type of north-seeking gyroscope and its further development into a navigation instrument	1970
19700085140	Support for A-6A Mk GRU-7 escape system program Interim report, Oct. 1969 - Feb. 1970	1970
19700085142	Direct-search methods for the solution of the Two-Point Boundary Value Problem /TPBVP/ Technical report, Jul. 1968 - Jul. 1969	1970
19700085143	Honest John Missile no. 1845, round no. 600 RML /17 March 1970/ Meteorological data report	1970
19700085144	Aerobee 150-A NASA 4.275 DS /7 March 1970/ Meteorological data report	1970
19700085145	Translations on French nuclear, missile, space, and related military developments, no. 235	1970
19700085146	Behavior of oxygen tension, carbon dioxide tension, pH, standard bicarbonate and base excess in arterial blood under various forms of stress	1970
19700085147	Gallium-arsenide photoelectric receiving devices	1970
19700085149	Absorber for electromagnetic waves with step-by-step attenuation sequence, part 2	1970
19700085150	Improved high-temperature solid film lubricants Technical report, 1 Dec. 1968 - 31 Dec. 1969	1970
19700085151	Reports and communications - The Hannover Fair 1969	1970
19700085152	Epitaxial vapor growth of Hg _{1-x} Cd _x Te in an open tube apparatus Final report, 1 Feb. 1969 - 1 Feb. 1970	1970
19700085153	The cartographic use of orbital photographs	1970
19700085154	Bertin develops a 1000-ton marine air-cushion vehicle	1970
19700085155	Ultra reliable VHF-FM receiver-transmitter Quarterly report, 8 Sep. - 8 Dec. 1969	1970
19700085156	Cold welding research Final report, May 1968 - Sep. 1969	1970
19700085157	Computer-aided command Semiannual technical summary report, 16 Sep. 1969 - 15 Mar. 1970	1970
19700085159	Inertial deposition efficiency of rectangular collectors in a turbulent boundary layer Technical report, Aug. 1968 - Jul. 1969	1970
19700085162	High quality Nd-YAG laser materials Quarterly report, 15 Jul. - 15 Oct. 1969	1970
19700085163	Couette flow Report bibliography, Sep. 1955 - Jul. 1969	1970
19700085164	Effect of mean strain on the low-cycle fatigue behavior of 18Ni-8Co-3Mo 180 grade maraging steel Research and development phase report	1970
19700085165	Aerodynamic characteristics of nine ogive-cylinder-flare configurations at Mach numbers of 1.1 to 4.5	1970
19700085166	Input admittance of a spherical antenna in the presence of a contiguous sheath surrounded by an overdense plasma	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085167	Tests of a simple scramjet in AEDC tunnel F Final report, Sep. 1968 - Jun. 1969	1970
19700085169	High viscosity thermal protection materials Summary report, 1 Jul. 1968 - 30 Jun. 1969	1970
19700085171	Ten-by-ten matrix photomultiplier feasibility model development and associated studies Final report, 1 Apr. 1968 - 1 Jul. 1969	1970
19700085172	Microwave dielectric constant materials, task 2 Quarterly report, 1 Jul. - 1 Oct. 1969	1970
19700085173	Radio frequency isolators Quarterly progress report, 1 Jul. - 30 Sep. 1969	1970
19700085175	Pasted nickel oxide rechargeable battery electrodes	1970
19700085176	Reliable connectors for tactical electronic equipment Semiannual report, 1 Jul. - 31 Dec. 1969	1970
19700085178	Translations on French nuclear, missile, space, and related military developments, no. 236	1970
19700085179	Translations on French nuclear, missile, space, and related military developments, no. 231	1970
19700085180	Modular hydrazine-battery /bicells/ Interim report, 1 Oct. 1969 - 31 Jan. 1970	1970
19700085181	Ceramic Awareness Bulletin, no. 21, March - April 1970	1970
19700085182	Investigation to develop a high strength stress-corrosion resistant aluminum aircraft alloy Final report, 15 Dec. 1968 - 14 Dec. 1969	1970
19700085183	Comparison of the digitized playback and real time telemetry errors for the RAE-A satellite	1970
19700085184	Avionics design guide for VAST compatibility	1970
19700085185	Applied research on infrared detection and processing phenomena Final technical report, 1 May 1968 - 1 May 1969	1970
19700085186	Performance probabilities of multichannel TV and line scanners as multispectral cueing systems Final report, 9 Jul. - 1 Sep. 1969	1970
19700085187	Laser-beam welding process development Interim engineering progress report, 1 Jan. - 31 Mar. 1970	1970
19700085188	Marx development project Final report	1970
19700085189	Resistance spot weld-adhesive bonding process Interim technical progress report, 15 Jan. - 15 Apr. 1970	1970
19700085190	Ionospheric data report, January 1970 Monthly data report	1970
19700085191	Noncombustible hydraulic fluids	1970
19700085192	On the hypersonic flow past blunted, flat delta wings	1970
19700085193	Capacity and capacity deterioration of US Navy Leclanche mine batteries	1970
19700085194	Single crystal transducers and dielectrics Interim report, 1 May - 31 Aug. 1969	1970
19700085195	Use of satellite wake region as a vacuum pump	1970
19700085196	A technique for geometrical redesign based on minimum strain energy	1970
19700085197	Birds Eye 5-69, 18 July - 5 August 1969	1970
19700085198	Ground station, geodetic, radio ranging Final report	1970
19700085199	GaAsP diode-pumped Nd-YAS laser Final report, 1 Jan. - 31 Dec. 1969	1970
19700085200	Evaluation of circuit breaker, APN 11150483-1 Test evaluation report	1970
19700085201	Optimal interstellar trajectories with drag for thrust-limited rockets	1970
19700085202	An investigation of the aerodynamic characteristics of the AGARD model B for Mach numbers from 0.2 to 1.0 Final report	1970
19700085203	Wind tunnel investigation of the scaling characteristics of a cylindrical Magnus rotor at Mach numbers from 0.2 to 0.6 Final report	1970
19700085204	Aerodynamic characteristics of a bomb with a free-spinning tail at transonic Mach numbers Final report	1970
19700085205	Separation characteristics of the SUU-45/A dispenser from the F-4C, F-4E, F-105, and A-7D aircraft Final report	1970
19700085206	Exploratory development of large area avalanche solid state detectors for nuclear and infrared radiation Semiannual report, 1 Jun. - 31 Dec. 1969	1970
19700085207	Improvement of digital data transmitter and receiver module for avionics system Final report, 10 Apr. - 1 Oct. 1969	1970
19700085208	Advanced Orbit/Ephemeris Subsystem /AOES/. Review of physical constants	1970
19700085209	Calibration of a resonant cavity system by measurement of the dielectric constant of air Final report	1970
19700085210	Aerobee 170 NASA 13.01 UG /13 February 1970/ Meteorological data report	1970
19700085211	Application of radionuclides in wear and lubrication investigations	1970
19700085215	Low temperature behavior of a pure dipole- dipole system	1970
19700085216	Effect of corrosion inhibitors on fuel behavior in filter-separator life tests Interim technical report, 1 Aug. - 30 Nov. 1969	1970
19700085219	Parametric study of the separation characteristics of two external stores from the F-4C aircraft at transonic speeds Final report	1970
19700085221	Balloon techniques and emissivity research Final report, 1 Apr. - 31 Oct. 1969	1970
19700085226	Evaluation on interference effects on a lifting model in the AEDC-PWT 4-foot transonic tunnel Final report	1970
19700085227	Trade study, aircraft fuel quantity systems, capacitance-nucleonic Final report, Feb. 1969 - Jan. 1970	1970
19700085228	Czechoslovak Journal of Mechanical Engineering - Selected articles	1970
19700085229	Optimal intercept trajectories of a ground- launched rocket	1970
19700085230	Fuel cell electrical power system Monthly progress report, 1-31 Mar. 1970	1970
19700085231	Measurement of impact pressure and stagnation point heat transfer in a high enthalpy supersonic stream Final report, Oct. 1967 - Mar. 1969	1970
19700085232	Investigation of Gifford-McMahon cycle and pulse tube cryogenic refrigerators	1970
19700085233	Surface reflection of underwater shock waves	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085234	Continuous Gradient Ray Tracing System /CONGRATS 2/ eigenray processing programs	1970
19700085235	Abort from Mars and Venus missions	1970
19700085236	Holography, volume 2 Report bibliography, Oct. 1961 - Nov. 1969	1970
19700085237	Color films Report bibliography, Jan. 1960 - Jan. 1970	1970
19700085238	Compatibility design for vast supported avionics Final study report	1970
19700085239	Low-noise L-band amplifier production engineering measures study and implementation, part 1 Final engineering report, 12 Apr. 1967 - 31 Mar. 1970	1970
19700085240	A forced oscillation test of a square cross-section model at transonic speeds	1970
19700085241	Integrated microwave communication circuits Final report, 3 Apr. 1968 - 31 Mar. 1970	1970
19700085242	Integrated solid-state microwave sources Quarterly progress report, 1 Jul. - 30 Sep. 1969	1970
19700085243	Manufacturing methods for roll diffusion bonded stiffened skin structure Interim engineering progress report, 31 Dec. 1969 - 31 Mar. 1970	1970
19700085244	Feasibility study for producing transparent spinel /MgAl ₂ O ₄ / Final report, 28 May - 28 Nov. 1969	1970
19700085245	The development of a 250 to 500 kW arc lamp for airborne illumination Final technical report, 1 Jan. - 31 Dec. 1969	1970
19700085246	Mechanical properties, including fracture toughness and fatigue, corrosion characteristics and fatigue-crack propagation rates of stress-relieved aluminum alloy hand forgings Final report, Mar. 1968 - Dec. 1969	1970
19700085247	Improved graphite materials for re-entry vehicles, volume 3 Annual report, 1 Jan. - 31 Dec. 1969	1970
19700085248	Evaluation of cadmium telluride for an aircraft nucleonic fuel quantity gaging system Final report, Mar. - Sep. 1969	1970
19700085249	Design of a special-purpose computer to determine helicopter hover location	1970
19700085250	The S-4B as a space shuttle second stage and reusable in-space stage	1970
19700085251	Investigation of the static stability and store separation characteristics of the Sandpiper target missile at transonic Mach numbers Final report	1970
19700085252	Development of a solid-state display system Technical report, Mar. 1967 - Feb. 1968	1970
19700085253	Evaluation of the effects of leading-edge planform and strakes on the aerodynamic characteristics of the stand-off-clustered munition missile at Mach numbers 0.6 through 1.3 Final report	1970
19700085254	Advanced capability infrared receiver system Final report, 15 Mar. 1968 - 15 Dec. 1969	1970
19700085255	Metallurgical study of criteria used to achieve compression of elevated temperature test time Final technical report, 1 Apr. 1969 - 10 Apr. 1970	1970
19700085258	State-Of-the-Art Review /SOAR/ for auxiliary power units Final report	1970
19700085259	Polynitroaromatic addition compounds - A comprehensive literature survey	1970
19700085260	Low-noise solid-state RF amplifiers for the AN/ARR-52A receiver Final report	1970
19700085261	Microwave acoustics handbook. Volume 1 - Surface wave velocities	1970
19700085262	Objective and subjective loudness measurements	1970
19700085263	Study of amine solution. 2 - Photolysis of aqueous solutions of primary aliphatic amines	1970
19700085264	The evaluation of changes of functions with energetically nondemanding extended static stress from quiet sitting	1970
19700085265	IPP-1 program improvements Final report, Oct. 1968 - Dec. 1969	1970
19700085266	Fundamental studies on reactive oligomers, part 1 Summary report, 15 Dec. 1968 - 15 Dec. 1969	1970
19700085267	Effects of high pressure on deformation characteristics. Part 1 - The mechanical behavior of beryllium at high pressure. Part 2 - Measurement of redundant work with hydrostatic extrusion Final report, 7 Mar. 1966 - 6 Mar. 1968	1970
19700085268	Solid propellant structural test vehicle and systems analysis Final report, 1 Aug. 1968 - 30 Sep. 1969	1970
19700085269	Advanced chemical milling processes Interim engineering progress report, 1 Jan. - 31 Mar. 1970	1970
19700085270	Characterization of 9 GHz ultrasonic beams in LiNbO ₃ by means of Brillouin scattering Technical report, Sep. 1966 - Oct. 1968	1970
19700085271	Analysis of the ACDTR support programs Final technical report	1970
19700085272	Hypervelocity impact flash radiation model Final report, 1 Jan. 1968 - 30 Jun. 1969	1970
19700085273	Vibration analysis of a 103-inch-diameter optical collimator	1970
19700085274	Development of cooling device Final development report, 26 Apr. 1969 - 17 Apr. 1970	1970
19700085276	Dual-chamber transient internal ballistics Technical report, Apr. 1967 - Sep. 1969	1970
19700085277	YJ69-T-406 turbojet engine product support and component improvement program Final report, 28 Nov. 1968 - 31 Jan. 1970	1970
19700085278	Simplified radar range calculation techniques	1970
19700085279	New knowledge concerning ethylene-based lubricating oils	1970
19700085280	Application of advanced composite materials to V/STOL aircraft. Volume 6 - Manufacturing plan Final report, 1 Jul. - 31 Dec. 1969	1970
19700085281	Relations between positive ion sputtering and Low-Energy Electron Diffraction /LEED/ of single crystal surfaces, part 2 Final report, 1 Feb. 1968 - 1 Aug. 1969	1970
19700085288	The future of airplane crash firefighting	1970
19700085289	ERTS - Orbit selection analysis	1970
19700085290	A summary of some experimental aerodynamic investigations of blunt non-circular cross-section bodies	1970
19700085291	Development and evaluation of a high-strength polyester synthetic concrete Final technical report	1970
19700085292	The 300 C transformer rectifier Final report, 1 Jan. 1968 - 31 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085293	Automatic magnetolectric weighing instrument with a measuring range up to 800 kilograms	1970
19700085294	Low bit-rate voice processor Final report, 1 Dec. 1968 - 22 Jan. 1970	1970
19700085295	Heat transfer in a jet stream normal to the transfer surface	1970
19700085296	Microwave high dielectric constant materials Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700085301	Study of hydrocarbon fuels and cooling techniques for advanced gas turbine engines, supplement 1 /U/ Final technical report, 2 Jan. 1969 - 2 Jan. 1970	1970
19700085305	USAF propellant handbooks. Volume 1 - Hydrazine fuels /U/ Final report	1970
19700085307	A multilayer coded tape for use in a mechanical time selection mechanism	1970
19700085309	Apollo/Saturn 5 ground systems evaluation report. Apollo 12, AS-507	1970
19700085312	Preliminary Skylab mission planning - Graphical determination of lighting considerations	1970
19700085313	Development of an instant acting adhesive system for space applications	1970
19700085316	Improvement in laser gyro technology Quarterly progress report	1970
19700085319	PP-6148/ /U power supply - Exploratory development model Final report	1970
19700085320	A general expression for the velocity potential of a semi-infinite rectangular wing in nonsteady transonic flow	1970
19700085321	Rhythm problems in wound healing	1970
19700085322	UHF filter research Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700085323	Cardiovascular adaptation during long-term weightlessness Semiannual progress report, 1 Sep. 1969 - 1 May 1970	1970
19700085324	Photolysis of some amino acids	1970
19700085326	Magneto-optic display study Quarterly report, 24 Oct. 1969 - 20 Jan. 1970	1970
19700085327	The SR-1965 microscan receiver	1970
19700085330	Vapor plating, volume 2 Report bibliography, Jun. 1960 - Sep. 1969	1970
19700085331	Coding of the internal states of a finite automation	1970
19700085332	The significance of a synthetic foaming agent for the development of fire extinguishers	1970
19700085333	Multi-chip integrated circuit package Quarterly report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700085334	Determination of Apollo lunar surface accessibility subject to DPS abort and lighting constraints	1970
19700085335	Spectrograms of SA-508 POGO	1970
19700085336	Mariner Mars 1971 B mission - A candidate exploratory phase mission plan	1970
19700085337	The plated-wire memory and its potential for aerospace applications	1970
19700085338	Development of a solar heat reflecting gray undercoat Final report	1970
19700085339	Development of improved high diffusivity lustreless olive drab enamel Final report	1970
19700085342	Speech compression and pulse duration modulation	1970
19700085344	An electron microscope study of plasmas containing deoxyribonucleic acid. 1 - The nucleoids of bacteria in active growth	1970
19700085345	Closed cycle cryogenic coolers Final report, 25 Jun. 1968 - 31 Mar. 1970	1970
19700085346	Operation of the Uinta Basin Seismological Observatory Final report, 1 Jan. - 31 Dec. 1969	1970
19700085350	Aircraft structural fatigue life program /U/ Quarterly report	1970
19700085351	Aging and surveillance testing of a Minuteman LGM-30F stage 2 solid-propellant rocket motor at simulated pressure altitude /motor designation 52MS-9/ /U/ Final report	1970
19700085352	Results of a 0.125-scale RA-5C inlet model test at transonic and supersonic Mach numbers /U/ Final report	1970
19700085353	Establish manufacturing process for energetic propellant binder /U/ Interim engineering progress report, 15 Nov. 1969 - 15 Feb. 1970	1970
19700085354	Review of flashblindness protective device requirements /U/	1970
19700085355	Gated 72 mm microchannel array study /U/ Final technical report, 24 Jan. 1968 - 24 Jul. 1969	1970
19700085358	Balloon techniques and emissivity research Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700085359	Microwave pulse-shaping networks Interim engineering report, 1 Feb. - 15 Dec. 1969	1970
19700085360	Methods for testing of air foam	1970
19700085361	Electronically tuned high power network Quarterly report, 1 Aug. - 31 Oct. 1969	1970
19700085362	IRIA annotated bibliography of infrared literature. Volume 13, number 4 - Cumulative /U/ Annual report	1970
19700085365	Low-cost tactical hybrid propulsion system /U/ Final report, Mar. 1969 - Feb. 1970	1970
19700085368	Dynamic Grasp evaluation /U/ Final report	1970
19700085369	Wind tunnel tests of curved and tangential fins for advanced law - Analysis report /U/	1970
19700085370	Propellants, rockets and missiles /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700085372	Research in high-energy ONF oxidizers /U/ Final report, 17 Mar. - 17 Dec. 1969	1970
19700085373	An optical bomb study of the combustion of solid propellants in high acceleration fields /U/ Final technical report, 1 May 1967 - 30 Oct. 1969	1970
19700085375	Liquid expulsion by direct pressurization of a spinning propellant tank /U/	1970
19700085376	Experimental results with a linear magnetohydrodynamic accelerator operated with water-cooled beryllia magnetic-field walls /U/ Final report, Jul. 1968 - Jul. 1969	1970
19700085380	Fast-burning rate/high slope propellant technology program /U/ Final report, 15 Mar. 1969 - 17 Jan. 1970	1970
19700085382	Laboratory testing of dry-chemical extinguishing powders	1970
19700085394	F-9 multistage vehicle - RFI theoretical study. Assembled vehicle on its own	1970
19700085395	Atmospheric nuclear disturbances with respect to the ground wave Final report, Jul. 1969 - Mar. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085396	Operational test and evaluation of AN/PRC-87 pararescue radio Final report	1970
19700085397	Automated Mars surface sample return mission/system study. Volume 2B - Systems analysis and conceptual design Final report, 7 Jul. 1969 - 15 Jan. 1970	1970
19700085398	Technical approach	1970
19700085399	Systems analyses	1970
19700085400	System design for nuclear, conjunction, direct earth return, direct reentry/recovery concept	1970
19700085401	System design for chemical, conjunction, Mars orbit rendezvous, Earth capture/recovery concept	1970
19700085402	System design for nuclear, conjunction, Mars orbit rendezvous, Earth capture/recovery concept	1970
19700085403	System design for nuclear, opposition, Mars orbit rendezvous, direct reentry/recovery concepts	1970
19700085404	System design for nuclear, conjunction, Mars orbit rendezvous, direct reentry/recovery concept	1970
19700085405	Systems weight sensitivity analysis	1970
19700085406	Reliability analysis	1970
19700085407	Development requirements	1970
19700085408	Cost analysis	1970
19700085409	Concept evaluation and selection	1970
19700085410	MSSR system/launch vehicle integration	1970
19700085411	Preliminary planetary vehicle mass properties, appendix A	1970
19700085412	System weight confidence intervals analysis, appendix B	1970
19700085413	An extrapolation method for predicting nucleon and pion differential production cross sections from high-energy /greater than 3 GeV/ nucleon-nucleus collisions	1970
19700085414	Search and rescue communications, Global Rescue Alarm Net /GRAN/ Interim report	1970
19700085416	Technical evaluation of interrogator set AN/UPX-23 Final report	1970
19700085417	Technical evaluation of a squelch circuit modification to radio set AN/FRR-59 // Final report	1970
19700085418	Qualification of MIL-L-23699B aircraft turbine engine candidate oil, Stauffer E6924 Final report	1970
19700085419	Plasma research on radiation problems Quarterly technical report, 1 Jan. - 31 Mar. 1970	1970
19700085420	Accelerated service test of a J57-P-20B engine installed in an F-8J airplane Final report	1970
19700085421	Monitoring of F-14 aircraft, automated aircrew escape system. Operational aeromedical and human factors, maintainability, and engineering evaluation, and system development Interim report, 1-31 Mar. 1970	1970
19700085422	Ground effect vehicles in overland operations land combat system 90 Final report	1970
19700085423	Standard laboratory procedures for determining sensitivity, brisance, and stability of explosives	1970
19700085425	Frequency coded firing system reliability evaluation Technical report, 16 Jun. - 5 Nov. 1969	1970
19700085426	Design and development of equipment used for the recording and retrieval of transient electrical signals. Radiation hardened electronics for a thin film recorder Final report	1970
19700085427	Ablation of quartz and graphite in a sodium- potassium seeded air flow Final report	1970
19700085428	An investigation of air bearings for gas turbine engines Semiannual report	1970
19700085430	Automatic Cartographic System /ACS/, Mod 2. Volume 1 - Study and investigation and user's manual Final report, Mar. 1968 - Aug. 1969	1970
19700085431	Automatic Cartographic System /ACS/, Mod 2. Volume 2 - Programmer's manual Final report, Mar. 1968 - Aug. 1969	1970
19700085432	Management information systems, volume 2 Report bibliography, Dec. 1955 - Jan. 1970	1970
19700085433	Packaged circuits, volume 2 Report bibliography, May 1953 - Dec. 1969	1970
19700085434	Space stations, volume 2 Report bibliography, Jan. 1964 - Oct. 1969	1970
19700085435	Ground Effect Machines /GEM/, volume 2 Report bibliography, Jan. 1962 - Aug. 1969	1970
19700085436	Color photography, volume 2 Report bibliography, Apr. 1960 - Nov. 1969	1970
19700085437	Electrodeposition, volume 2 Report bibliography, Nov. 1950 - Sep. 1969	1970
19700085438	Sputtering, volume 2 Report bibliography, Oct. 1955 - Nov. 1969	1970
19700085439	Small group dynamics, volume 2 Report bibliography, Apr. 1952 - Jul. 1968	1970
19700085440	Distributed and discrete clutter map generating routines	1970
19700085441	Post-and-film memory development program Summary report	1970
19700085442	Low noise C band transistor gain module Quarterly report, 15 Sep. - 14 Dec. 1969	1970
19700085444	Quenching /cooling/, volume 2 Report bibliography, Jun. 1960 - Sep. 1969	1970
19700085445	A comparison calibration technique for determining the combined high temperature/ high-frequency response characteristics of piezoelectric accelerometers	1970
19700085446	Improved infrared photomultiplier Final summary report, 15 Jun. 1967 - 1 May 1970	1970
19700085447	Research study on stellar X-ray imaging experiment Annual report	1970
19700085449	Investigation of refractory composites for liquid rocket engines Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700085450	Outer-planet exploration missions. Volume 1 - Summary Final report	1970
19700085451	Outer-planet explorations missions. Volume 2 - Mission objectives and payloads Final report	1970
19700085452	Outer-planet exploration missions. Volume 3 - Mission analysis, sections 1-3 Final report	1970
19700085453	Outer-planet exploration missions. Volume 3 - Mission analysis, section 4 through appendix Final report	1970
19700085454	Outer-planet exploration missions. Volume 4 - Conceptual design, sections 1.0 through 3.0 Final report	1970
19700085455	Outer-planet exploration missions. Volume 4 - Conceptual design, section 4.0 through appendixes Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085456	Outer-planet exploration missions. Volume 5 - Mission and system evaluation and implementation Final report	1970
19700085457	Outer-planet exploration missions. Volume 6 - Technology development Final report	1970
19700085458	Test loop investigation of the chemistry of sodium mercaptobenzothiazole in inhibited glycol water Final report, 15 Aug. 1969 - 16 Apr. 1970	1970
19700085459	Wicking evaporative heat exchangers	1970
19700085460	Fluid mechanics	1970
19700085461	Wick thermal conductivity	1970
19700085462	Steady-state heat transfer	1970
19700085463	Prototype module tests and data correlation	1970
19700085464	Transient phenomena	1970
19700085465	Wick evaporator design procedure	1970
19700085466	Orbital experiment design	1970
19700085468	Calculations of atmospheric attenuation parameters and angular scattering data for light scattering in model atmospheres	1970
19700085469	Altitude performance tests of a Pratt and Whitney Aircraft TF30-P-8A turbofan engine Final report, 21 Jan. - 15 May 1969	1970
19700085470	Exploratory development program fiscal year 1970 Quarterly progress report	1970
19700085471	A study of microwave interaction with a thin semimetal film Final development report, 16 Jun. - 30 Sep. 1969	1970
19700085472	High density, high voltage power supply program	1970
19700085473	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors Quarterly report, 13 Sep. - 13 Dec. 1969	1970
19700085474	Production engineering measure for Schottky-barrier gallium-arsenide diode Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700085475	Qualitative investigations on the photolysis of simple dipeptides	1970
19700085476	Improved casing for ballistic filler used in body armor - An examination of some candidate materials	1970
19700085478	Theoretical analysis of thick dome structures and arbitrary solids of revolution subjected to unsymmetrical loadings Summary report, Feb. - Dec. 1969	1970
19700085479	PBI process operability evaluation Technical report, 15 Jan. - 31 Dec. 1969	1970
19700085480	Battlefield Illumination Airborne Subsystem AN/AVQ-6 /BIAS/. Model no. AN/AVQ-6 RC-1305. Volume 3 - Flight tests	1970
19700085481	Lunar roving vehicle hazard detection, advanced laser tracking technique Final report	1970
19700085482	Application and possibilities of atomic-absorption spectrophotometry	1970
19700085483	Shock metamorphism of the anorthosite from Manicouagan Crater, Quebec, Canada	1970
19700085484	Chemical milling, volume 2 Report bibliography, Aug. 1955 - Oct. 1969	1970
19700085485	Nuclear magnetic resonance, volume 2 Report bibliography, Jan. 1966 - Jul. 1969	1970
19700085486	A production engineering measure for traveling-wave tubes Quarterly report, 1 Dec. 1969 - 27 Feb. 1970	1970
19700085488	The n to n + 1 transition of atomic hydrogen induced by hydrogen-atom impact	1970
19700085491	Feasibility investigations of techniques for providing variable Mach number capability for the short-duration tube wind tunnel	1970
19700085493	A computer stream search among 2401 photographic meteor orbits	1970
19700085495	High power frequency conversion equipment program Final report	1970
19700085496	The solar atmosphere and the structure of active regions Quarterly status report, 1 Feb. - 30 Apr. 1970	1970
19700085497	Conductivity of a seeded plasma flowing through a vertically segmented copper wall heat sink conductivity channel Final report	1970
19700085500	Frequency standard model AN/URQ-10A, serials 9810, 9811, and 9812 /frequency electronics/ Interim report	1970
19700085501	Evaluation of the Omega AN/BRN-4 navigation receiver Interim report	1970
19700085502	Evaluation of AN/GVS-3 laser range finder. Radiation protection special study, April - December 1969	1970
19700085503	Accelerated service test of the J57-P-420 engine /airstart envelope/ Interim report	1970
19700085504	Fracture resistance of HY-80 weld metal deposited by three different arc welding processes Final report	1970
19700085505	Nonelectronic reliability notebook Final technical report, Aug. 1968 - Jan. 1970	1970
19700085506	Low noise L-band amplifier production engineering measures study and implementation. Part 2 - Manufacturing specifications Final engineering report, 12 Apr. 1967 - 31 Mar. 1970	1970
19700085508	The control of radar cross sections with voltage-variable impedances	1970
19700085510	Semi-classical theory of heavy-particle excitation, deexcitation, and ionization by neutral atoms. 1 - Slow and intermediate energy collisions	1970
19700085511	A stream search among 865 precise photographic meteor orbits	1970
19700085512	Changes in the respiratory equivalents for O2 and CO2 in different age groups during graded work load and subsequent recovery	1970
19700085513	The vacuum ultraviolet photolysis and radiolysis of cyclic ketones Progress report, 31 Jan. 1969 - 31 Jan. 1970	1970
19700085515	Investigation of vapor compressibility effects in heat pipes Progress report, 1 Apr. - 30 May 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085516	Investigation of tube leak in ALco/BLH steam generator at LMEC Sodium Components Test Installation /SCTI/	1970
19700085517	The SA 341 light multipurpose helicopter of the Sud Aviation Company	1970
19700085518	An as-cast dilute uranium alloy with a fine grained, randomly oriented structure	1970
19700085519	Translations on French nuclear, missile, space, and related military developments, no. 237	1970
19700085520	Properties of bacteriophages and first steps in their classification	1970
19700085521	Man-system locomotion control and display criteria for extraterrestrial vehicle, phase 3 Final report	1970
19700085522	Investigation of laser properties relevant to the measurement of different physical parameters Informal status progress report, period ending 1 Apr. 1970	1970
19700085525	Compatibility studies of polymeric materials with methylphosphonic difluoride, phase 2 Interim report, Jun. 1969 - Jan. 1970	1970
19700085528	Thermal analysis of structural adhesive resins	1970
19700085529	Test and evaluation of S-3 aircraft, automated aircrew escape system, design monitoring Interim report	1970
19700085530	The equivalence theorem for resonance integral calculations of granular fuel in annular and teledial geometries. Part 1 - Theory	1970
19700085532	Division of Biology and Medicine programs Monthly activities report, Mar. 1970	1970
19700085533	Correction of lattice imperfections in freshly precipitated CdS layers	1970
19700085534	The kinetic moment in celestial mechanics and its application to the problems of space navigation	1970
19700085535	Powder metallurgy production of structural shapes Semiannual technical progress report, 19 Sep. 1969 - 18 Mar. 1970	1970
19700085540	An evaluation of design analysis techniques for high performance ballistic vehicle graphite nose tips, volume 2. Appendix B - Inviscid flow fields Final report, 15 Apr. - 31 Dec. 1968 an evaluation of design analysis techniques for high performance ballistic vehicle graphite nose tips, volume 2. Appendix B - Inviscid flow fields Final report, 15 Apr. - 31 Dec. 1968	1970
19700085542	The chemical components of gaseous and liquid inclusions in granite and their pegmatites	1970
19700085543	Relationships between synoptic meteorological parameters and clear air turbulence encountered by the XB-70 airplane in the stratosphere Technical report, Mar. 1969 - Mar. 1970	1970
19700085546	CONFAB - An interactive concordance interrogation program. Reference manual	1970
19700085548	Burnup calculations for Rapsodie	1970
19700085557	Half-life measurements in I 134	1970
19700085558	The decay of bound isobaric analogue states in Si 28 and S 32 using /d,n gamma/ reactions	1970
19700085561	Selections from aerodynamics research at RAE, 1969	1970
19700085562	Cytochemical studies of planetary microorganisms explorations in exobiology Status report, 1 Jul. 1969 - 1 Jan. 1970	1970
19700085563	Chamber technology for space storable propellants Interim report, 29 Jun. 1967 - 26 Aug. 1969	1970
19700085564	Performance of the command and service module reaction control system. Apollo 8 mission report supplement	1970
19700085565	Apparent free water in suit supply hoses	1970
19700085566	Anomaly report of entry monitor systems malfunctions, Apollo 7 through Apollo 11	1970
19700085572	The development and preliminary design of an oxygen-nitrogen generation system Final report	1970
19700085573	Cross sections for high-energy gamma transitions from MeV neutron capture in Pb 206	1970
19700085574	Magnetoacoustic waves and instabilities in a Hall-effect-dominated plasma	1970
19700085575	Transition probabilities in Os 189	1970
19700085594	Acrylic propellant binder studies /U/	1970
19700085595	High energy plasticizers /U/ Final technical report, 2 Jan. 1969 - 31 Mar. 1970	1970
19700085597	Microwave radiometer flight test and evaluation support /U/ Final report	1970
19700085599	Ignitability characterization of X-19b propellant, supplement /U/	1970
19700085601	An investigation of high-burning-rate CB and NF propellants /U/	1970
19700085603	Radar techniques program /U/ Quarterly technical summary report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700085604	Skylab VHF ranging system performance evaluation	1970
19700085605	Comparison of theoretical and measured height gain factors	1970
19700085606	Project Apollo - Analytic return-to-earth program-moon reference. Volume 2 - Programming manual revision 1	1970
19700085607	Estimate of Apollo 12 low altitude LR slant range error due to Doppler compensation	1970
19700085609	Development of beryllium honeycomb sandwich composite for structural and other related applications Annual report, 1 Jul. 1969 - 28 Feb. 1970	1970
19700085610	Engineering Services Division Progress report, 1 Jan. - 31 Mar. 1970	1970
19700085614	Dragon operations group Quarterly progress report, Jun. - Aug. 1969	1970
19700085615	Removal of chloride impurity from Dragon reactor secondary circuit coolant. Project Dragon	1970
19700085616	Piloted simulator investigations of flight near zero rate of climb speed	1970
19700085617	Heat ageing in ethylene-propylene rubber. Part 1 - Peroxide cured gum vulcanisates	1970
19700085619	Irradiation effects on reactor structural materials Quarterly progress report, Nov. 1969 - Jan. 1970	1970
19700085620	A study of the 190 keV transition in La 141	1970
19700085621	A new boron analysis method	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085628	Spectral characteristics of targets and backgrounds, their effect upon electro- optical guidance systems /U/	1970
19700085629	Comparison of advanced space transportation systems - Preliminary results /U/	1970
19700085632	High temperature thermal properties of gases and vapors Progress report, Apr. 1969 - Mar. 1970	1970
19700085633	The role of pyruvates in the regulation of glycolysis in human erythrocytes	1970
19700085634	Significance and regulation of the pentosephosphate path in human erythrocytes	1970
19700085635	Medical Division Progress report, 1 Jan. - 31 Mar. 1970	1970
19700085637	Special Projects Division Progress report, 1 Jan. - 31 Mar. 1970	1970
19700085638	Fuel cell electrical power system Quarterly progress report, Feb. - Apr. 1970	1970
19700085641	Applied Physics Division Progress report, 1 Jan. - 31 Mar. 1970	1970
19700085642	Operations Division Progress report, 1 Jan. - 31 Mar. 1970	1970
19700085643	Division of Biology and Medicine programs Monthly activities report, Feb. 1970	1970
19700085644	A comparative evaluation of selected fluoroexplosives /U/ Technical report, 1 Aug. 1963 - 30 Apr. 1966	1970
19700085649	Phased array engineering studies for a multi- function array radar, part 1 /U/ Final report	1970
19700085652	Third surveillance evaluation of Air Force held liquid Bullpup engines LR58-RM-4 /U/ Final report	1970
19700085653	Update - A tactical data systems information bulletin /U/	1970
19700085662	Technology application study - Transmission of high resolution imagery via satellites, volume 2, appendices /U/	1970
19700085665	Space shuttle VHF multipath assessment	1970
19700085667	Application of mathematical statistics in metallurgy	1970
19700085669	Automated microbial metabolism laboratory Quarterly progress report,	1970
19700085671	Plant Design Division Progress report, 1 Jan. - 30 Mar. 1970	1970
19700085672	Taking off slowly to go fast - The future of aerial transportation between cities	1970
19700085673	On the sound production by periodic short pressure-pulses with relation to the sensation of loudness	1970
19700085674	Linac beam current monitoring system	1970
19700085675	Application of advanced composite materials to V/STOL aircraft. Volume 1 - Summary /U/ Final report, 1 Jul. - 31 Dec. 1969	1970
19700085676	Application of advanced composite materials to V/STOL aircraft. Volume 3 - Design and analysis /U/ Final report, 1 Jul. - 31 Dec. 1969	1970
19700085677	Application of advanced composite materials to V/STOL aircraft. Volume 4 - Recommended design, weights, and performance /U/ Final report, 1 Jul. - 31 Dec. 1969	1970
19700085678	Application of advanced composite materials to V/STOL aircraft. Volume 5 - Cost analysis /U/ Final report, 1 Jul. - 31 Dec. 1969	1970
19700085683	Catalog of Surveillance, Target Acquisition, Night Observation /STANO/ equipment and systems /U/	1970
19700085684	A statistical analysis of flame-fuel effectiveness /U/ Final report, Oct. 1965 - May 1968	1970
19700085692	Static Firing of BE-15 HEUS Motor at Eniwetok /U/ Final Report	1970
19700085694	Transonic Aerodynamic Characteristics of a Lifting Reentry Spacecraft with Rigid Variable-sweep Wings /U/	1970
19700085697	Stability and Control Characteristics of a Variable-Sweep Fighter Configuration with a Supercritical Airfoil Section /U/	1970
19700085698	Chemical propulsion newsletter /U/	1970
19700085699	Advanced direct-radiating thermoelectric program /U/ Final report	1970
19700085702	AGM fuel control demonstration program /U/ Final report, 20 Jun. 1968 - 15 Oct. 1969	1970
19700085703	Combustion studies of low-burning rate, high-energy propellants /U/ Final report, 1 Jan. - 31 Oct. 1969	1970
19700085708	Improved propellants for throttleable solid air-augmented rockets /U/ Quarterly technical report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700085709	Controllable solid propellant rocket motor demonstration /U/ Final report, Sep. 1968 - Feb. 1970	1970
19700085710	Diffuser performance and base pressure effects when testing with an aerodynamic spike nozzle /U/ Final report, Sep. 1968 - Jul. 1969	1970
19700085712	Coordinated Test Plan, Southeast Asia Night Operations /CTPSN/. Change no. 15 /U/	1970
19700085713	Flight test evaluation of a scale model multi- wire VLF/LF transmitting antenna /U/ Final report, May - Nov. 1969	1970
19700085717	A study of the error distribution of target position measurement from an AWACS /U/	1970
19700085725	Use of main motor bleed for gas supply to auxiliary power and control devices /U/	1970
19700085726	Technical status report, January - March 1970 /U/	1970
19700085727	Computer programs for design optimization of in-tube-burning rockets /U/	1970
19700085730	Hydride crystallization /U/ Interim engineering report, 15 Apr. - 15 Aug. 1969	1970
19700085731	Fiber optic image inverter /U/ Final report, 30 Jun. 1967 - 30 Sep. 1968	1970
19700085732	Fiber optic image inverters /U/ Final report, 10 Jan. 1965 - 10 Apr. 1967	1970
19700085733	Fiber optic image inverter /U/ Final report, 1 Oct. 1966 - 1 Apr. 1968	1970
19700085736	Conduct an operational evaluation of the integrated MAD system /U/ Final report, 10 Sep. - 29 Dec. 1969	1970
19700085738	Southeast Asia Night Operations Ground /SEA NITEOPS Ground/ /U/ Final report	1970
19700085742	General surveillance evaluation of the rocket motor, Mk 30, Mod 1 /Terrier sustainer/ /U/	1970
19700085745	High lift-to-drag vehicle design /U/ Technical report, Nov. 1967 - Nov. 1968	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085746	Static-force tests on two high L/D configurations at Mach numbers 8 and 10 /U/ Final report, 1 Nov. - 10 Dec. 1969	1970
19700085748	New high-energy oxygen oxidizers /U/ Final report, 3 Feb. 1969 - 1 Jan. 1970	1970
19700085751	Secure infrared illuminator /U/ Final letter report	1970
19700085757	Air Force reusable rocket engine program XLR129-P-1. Demonstrator engine design, volume 1 /U/ Technical report, 6 Nov. 1967 - 1 Dec. 1969	1970
19700085758	Air force reusable rocket engine program XLR129-P-1. Demonstrator engine design, volume 2 /U/ Technical report, 6 Nov. 1967 - 1 Dec. 1969	1970
19700085759	Air Force reusable rocket engine program XLR129-P-1. Demonstrator engine design, volume 3 /U/ Technical report, 6 Nov. 1967 - 1 Dec. 1969	1970
19700085769	Analytic return-to-earth program, earth reference. Volume 1 - User's manual	1970
19700085770	Analytic return-to-earth program, earth reference. Volume 2 - Program Logic	1970
19700085771	The influence of physical activity on the developing fetus	1970
19700085773	Large time bandwidth product microwave delay line Semiannual progress report, 1 Jul. - 31 Dec. 1969	1970
19700085774	Atlas/Centaur-18 Applications Technology Satellite-5 Final report	1970
19700085775	Antenna and propagation studies for spacecraft task E-53E - Lunar surface electrical properties experiment analysis	1970
19700085777	Longlines communications guide - Apollo 13 air ground communications annex	1970
19700085778	Jupiter orbiter controllable solid propellant motor study Final report	1970
19700085779	Small Applications Technology Satellite SATS preliminary program and spacecraft study	1970
19700085780	Determination of minimum concentrations of environmental water capable of supporting life Final report, 1 May 1964 - 30 Apr. 1970	1970
19700085781	Apollo 11 entry postflight analysis	1970
19700085782	A STOL transport from the CSSR - The L-410 turbolet	1970
19700085783	Integrated active channelizing filters Final report, 14 Apr. 1969 - 6 Mar. 1970	1970
19700085784	A 28-element two-dimensional structural heating program /N2LDW018/	1970
19700085785	Simplified ECS consumables analysis program guide, supplement 2	1970
19700085786	On the present situation in the field of high-temperature chromium alloys	1970
19700085787	Shuttle applications of radio aids to navigation	1970
19700085789	UHF filter research Quarterly report, 1 Jul. - 30 Sep. 1969	1970
19700085792	U and W containing hollandite and cryptomelane from Eisenbach /southeastern Black Forest/	1970
19700085793	Translations on French nuclear, missile, space, and related military developments, no. 239	1970
19700085794	Translations on French nuclear, missile, space, and related military developments, no. 238	1970
19700085798	Space shuttle phase B test plan	1970
19700085799	Program plan for engineering study of onboard checkout techniques	1970
19700085803	Range and rate system Final report	1970
19700085804	Weight estimating and forecasting during conceptual design, midterm briefing material	1970
19700085812	Investigation of the loudness perception of rhythmic noises	1970
19700085813	The influence of additives and structure on the corrosion of zirconium alloys by water and high-temperature steam	1970
19700085814	New method for calculation of test results in a low-speed wind tunnel, part 2	1970
19700085815	The audibility of very low frequency periodic noise	1970
19700085819	Transmission filters for the far infrared	1970
19700085820	Kinetics and mechanisms of the thermal degradation of polymers using time-of-flight mass spectrometry for continuous gas analysis Summary report, Jan. - Oct. 1969	1970
19700085821	Integrated function /CNI/ waveform study, volume 2 Final technical report	1970
19700085822	Ladder polymers with quinoxaline units, part 1 Interim technical report, Feb. 1969 - Jan. 1970	1970
19700085823	Friction and wear characteristics of 1020 steel on concrete	1970
19700085824	In-place tube welding manufacturing technology Interim progress report, 30 Sep. 1969 - 28 Feb. 1970	1970
19700085826	Tactical frequency management for FM and HF radios. Volume 3A - HF assignment procedure user's manual	1970
19700085827	Distribution amplifier model AM-2123/U, serial 9813 /manufactured by Frequency Electronics, Incorporated/	1970
19700085828	Project management report, Project Helios	1970
19700085829	A quantitative evaluation of test methods for brittle materials, part 1 Interim technical report, 15 Apr. 1966 - 1 Jul. 1969	1970
19700085830	Hot corrosion in gas turbines - Mechanisms, alloy and coating development, environmental effects, and evaluation Final report	1970
19700085831	Active impedance matching for microwave acoustic delay lines Quarterly report	1970
19700085832	Investigation of dynamic mechanical stress with photoelastic techniques Technical report, 1 Apr. - 3 Sep. 1969	1970
19700085833	A preliminary study of techniques for routine matched filtering of surface waves	1970
19700085834	Athena V-141-D, flight 121, 24 April 1970	1970
19700085835	Frequencies and durations of extreme surface temperatures	1970
19700085836	Effect of dynamic properties upon liquid dissemination Final report, May 1969 - Mar. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085837	Solar influences on HF absorption and the resulting Hawaii to California lowest observed frequency Technical publication, Oct. 1969 - Jan. 1970	1970
19700085838	Separation characteristics of eight stores from the A-7D aircraft at Mach numbers from 0.42 to 0.95 Final report	1970
19700085839	High quality Nd-YAG laser materials Quarterly report, 15 Oct. 1969 - 14 Jan. 1970	1970
19700085840	Fuel tank vulnerability reduction Final report, Oct. 1968 - Jul. 1969	1970
19700085841	Digital magnetic tape unit. Kinelogic part no. 20900, data item 05-129-10 Quarterly engineering report, Nov. 1969 - Jan. 1970	1970
19700085842	Manufacturing Methods and Technology measure /MMT/ program for GaAs laser crystal Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700085843	LIMIT - A computer program to determine the collapse load for arbitrary solids of revolution subjected to axisymmetric pressure loadings Technical report, Feb. - Dec. 1969	1970
19700085844	Scattering of electromagnetic radiation by apertures. 1 - Normal incidence on the slotted plane	1970
19700085845	Nonlinear motion of a missile with slight configurational asymmetries	1970
19700085846	Analysis and definition of reusable launch vehicle concepts. Volume 1 - Summary Final technical report, 2 Jan. 1969 - 10 Feb. 1970	1970
19700085847	Twenty watt liquid ammonia battery Final technical report, 2 Oct. 1968 - 2 Oct. 1969	1970
19700085848	Development and application of light activated silicon switches Final report, May 1968 - May 1970	1970
19700085849	An evaluation of airborne sensors for site selection engineering data requirements	1970
19700085850	TRACE66 orbit determination program. Volume 5 - Differential correction procedure and techniques	1970
19700085851	Convergence of time-domain adaptive maximum-likelihood filters for stationary data	1970
19700085852	Integrated conformal arrays Final report, Jan. 1969 - Mar. 1970	1970
19700085855	Structural and physical properties of graphite-zirconium diboride-silicon carbide composites	1970
19700085856	Studies in air sampling and purification by space charge precipitation Quarterly progress report, Jun. - Sep. 1969	1970
19700085858	TRACE66 orbit determination program. Volume 3 - Trajectory generation equations and methods	1970
19700085859	An objective method of forecasting melteme wind speeds at Athenai Airport, Greece	1970
19700085861	Data analysis programming group AN/AYA-8 Final engineering report	1970
19700085862	Installation and operational checkout of interrogator set AN/TPX-42 Final report	1970
19700085863	CSM meteoroid reliability study Final report	1970
19700085864	Subcritical crack growth in D6AC steel	1970
19700085865	Terminal area energy management, approach and landing investigation for maneuvering reentry vehicles using F-111A and NB-52B aircraft Final report	1970
19700085866	Application of fracture mechanics to predicting failures in solid propellants Final report, 1 Jan. 1969 - 27 Feb. 1970	1970
19700085867	Correlation of rate of explosion with blast effects for nonideal explosions Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700085868	Integrated solid-state microwave sources Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700085869	Base flow, volume 1 Report bibliography, Jul. 1949 - Dec. 1969	1970
19700085870	Survey of visual research literature on military problems during World War 2. Papers collected by the armed forces-NRC vision committee	1970
19700085871	Gallium arsenide microwave diodes Quarterly report, 5 Sep. - 5 Dec. 1969	1970
19700085872	Digital radar data processor memory Final technical report, 18 Mar. 1968 - 30 Oct. 1969	1970
19700085873	Helmet-mounted sight/display applications. Volume 1 - Summary and conclusions Final report, Nov. 1968 - May 1969	1970
19700085874	GTCP 100-54 exhaust temperature survey Final report, Oct. - Nov. 1969	1970
19700085875	Review of recent developments. Low- temperature properties	1970
19700085877	Optics research, 1970 Quarterly technical summary, 1 Dec. 1969 - 28 Feb. 1970	1970
19700085878	GaAs field-effect transistors Final technical report, Mar. 1969 - Mar. 1970	1970
19700085879	Fire detection systems, aircraft Final report	1970
19700085880	Nonlinear graphs, especially probability types, produced on SC-4060 plotter	1970
19700085883	Advanced helicopter radar study /U/	1970
19700085884	Advanced Forward Looking Infrared system /AFLIR/, Modified Advanced Forward Looking Infrared system /MAFLIR/ development program /U/ Final report, 1 Jan. 1967 - 28 Feb. 1970	1970
19700085885	Evaluation of burning-rate promoters - CMES process /U/	1970
19700085886	Helicopter microwave communications terminal /U/ Final technical report, May 1968 - Feb. 1970	1970
19700085888	Boron slurry engine component exploratory development program /U/ Final report, 16 Nov. 1967 - 27 Jun. 1969	1970
19700085891	Liquid propulsion technology /U/ Technical status report, Jan. - Mar. 1970	1970
19700085892	A wind-tunnel investigation of the aerodynamic characteristics of the Mark 7, Mod 2 bomblet dispenser /U/	1970
19700085893	Vector function games and generalized linear programs	1970
19700085894	Evaluation of radio frequency filter, APN 11151962-1	1970
19700085897	Serviceability of repairs to rigid pavement	1970
19700085898	High power crossed field noise output device Final addendum report, 30 Dec. 1965 - 30 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085899	Measured versus theoretical performance of receivers of the Minuteman launch control type Final report, Jul. 1969 - Jul. 1970	1970
19700085900	Category 1 test report, velocity meter model 2A	1970
19700085903	Program 624A quarterly reliability and quality assurance report. Volume 1 - Reliability	1970
19700085904	Development of a high-strength, stress- corrosion-resistant aluminum alloy for use in thick sections Final technical report, 1 Jul. 1968 - 15 Mar. 1970	1970
19700085905	Chemical and physical properties of lubricants, hydraulic fluids and related materials Final report, 1 Nov. 1968 - 31 Oct. 1969	1970
19700085908	Inorganic halogen oxidizers /U/ Final report, 31 May 1964 - 31 Mar. 1970	1970
19700085909	Feasibility of underwater holographic vibration analysis of the AN/BQS-6 array /U/ Research report	1970
19700085911	Conduct an operational evaluation of the standard missile in the Terrier and Tartar weapons systems /U/ Final report	1970
19700085914	Coding for turbulent channels. Volume 5 - Measured performance of coding techniques Final technical report	1970
19700085915	Determination of prepolymer functionality and its relationship to binder properties Final report, 3 Feb. 1969 - 2 Feb. 1970	1970
19700085916	Propagation of high-intensity, low-frequency sound without loss	1970
19700085917	Space programs Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700085918	Millimeter wave intersatellite repeater study, volume 2	1970
19700085919	Coding for turbulent channels. Volume 3 - Turbulent channel data analysis and evaluation of coding techniques Final technical report	1970
19700085920	Collision and Obstacle/Terrain Avoidance Warning System /COTAWS/ multifunction sensor study Quarterly report, 1 Jul. - 30 Sep. 1969	1970
19700085921	Survivable fuel tank systems selection technique. R and D design handbook report, Volume 1 Technical report 1 Oct. 1968 - 23 Oct. 1969	1970
19700085925	Infrared spectral emittance of five black coatings Technical publication, Jan. 1969 - Jan. 1970	1970
19700085926	Wideband antenna development Final technical report, Sep. 1969 - Mar. 1970	1970
19700085927	The capacitor-analog-memory radar signal processor Final report	1970
19700085928	Research and development on a non-scanning microwave frequency Quarterly report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700085929	Low frequency magnetic shielding magnetism and biomagnetism for the future Army Final report	1970
19700085930	Power transformation and voltage regulation study Final report, 12 Jun. 1968 - 31 Dec. 1969	1970
19700085931	Prototype production process for fabrication of wire and tubing by hydrostatic extrusion-drawing Final technical report, 1 Nov. 1967 - 28 Feb. 1970	1970
19700085933	The transient linear trilateral interaction between a spherical underwater shock wave, a cylindrical elastic shell and its internal multidegree-of-freedom mechanical system	1970
19700085934	Integrated seat-propulsion systems approach	1970
19700085935	Surface integrity of machined structural components Final technical report, 1 Feb. 1968 - 30 Nov. 1969	1970
19700085936	Evaluation of a neutron damage prediction technique Technical report, Aug. 1967 - Jan. 1969	1970
19700085937	The influence of ultrasonic energy on kinetic processes in solids	1970
19700085938	Gas turbine engine compressor stall margin acceptance tests Final technical report	1970
19700085939	Hydrogen fluoride tracer molecule spectroscopy applied to turbulent mixing and combustion Technical report, 15 Nov. 1968 - 15 Nov. 1969	1970
19700085940	Study of RF modulated crossed field amplifiers Semiannual report, 20 Jun. - 19 Dec. 1969	1970
19700085941	Service evaluation of ethylene glycol monoethyl ether as a biocide in JP-5 fuel	1970
19700085942	Research on electrochemical parameters for non-aqueous batteries, task 1 Quarterly progress report	1970
19700085943	The experimental results of beating spontaneously emitted and laser light Technical report, May - Sep. 1969	1970
19700085944	Integrated solid state microwave sources Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700085945	Helicopter magnetic signatures Technical report, Jun. 1969 - Jun. 1970	1970
19700085946	Advanced microelectronic design, technology and measurements for military applications Annual report, 30 Sep. 1968 - 30 Sep. 1969	1970
19700085947	High power VHF-UHF comm-surveillance transistors Final report, 1 Jun. 1968 - 31 Oct. 1969	1970
19700085948	Spatial and spectral properties of cloud backgrounds, from 2.65 to 2.95 microns Final report, Jun. 1968 - Jan. 1970	1970
19700085950	Adaptation of the convex draw die to the production of aircraft engine rings Interim engineering progress report no. 2, 15 Jan. - 15 Apr. 1970	1970
19700085951	Honest John /03702/ missile no. 403, round no. 601 AML Meteorological data report, 24 Mar. 1970	1970
19700085952	Repeatability of static pressure sensing in F-106 pitot static tubes Final report, 23-26 Mar. 1970	1970
19700085953	Worldwide strength conditions of surface materials Final report, Mar. - Jun. 1969	1970
19700085954	Arctic environmental test of petroleum handling equipment - POL pumping equipment, manifolds, and metal storage tanks Final report	1970
19700085955	UHF PNP power transistor Final technical report, Feb. 1969 - Feb. 1970	1970
19700085956	Use of the fast Fourier transform in the correlation of bandlimited signals	1970
19700085957	Low cost energy transmission system	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700085958	A reentry-simulation control system for an 18-megawatt direct current power plant	1970
19700085959	Performance dropoff in a monopropellant hydrazine reactor	1970
19700085960	A pattern recognition technique for determining cloud motions from sequences of satellite photographs Final report	1970
19700085961	Handbook of computer programs for analysis of nuclear weapon effects on aircraft Final report, Apr. 1969 - Feb. 1970	1970
19700085962	Ground effect vehicles in overland operations - 1990. A suggested Army policy with regard to development Final report	1970
19700085963	Test and evaluation of Kodak high definition Ektachrome color microfilm, type SO-278 for special color microfilming and duplication purposes	1970
19700085964	Coding for turbulent channels. Volume 2 - Simulator of a 3-Mbps tropo-scatter digital communication system Final technical report	1970
19700085965	Auger spectra of the elementary constituents of the III-V and II-VI compounds	1970
19700085966	Qualification of close tolerance time delays employing pyrofuze wire	1970
19700085967	Synthesis and characterization of biopolymer adhesives for aircraft composite structures Progress report	1970
19700085968	Environmental tests of coatings designed to provide a minimum five minute bomb cook-off delay	1970
19700085969	Surface-wave amplitude-versus-distance relation in the western United States	1970
19700085970	Machine shop practice - A DDC bibliography, volume 2, September 1952 - August 1969	1970
19700085971	Propellants, rockets, and missiles Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700085972	Lithium battery research Annual report, 1 Apr. 1969 - 31 Mar. 1970	1970
19700085973	Aleutian Islands experiment /1969/, Project MILROW Final report	1970
19700085974	Manufacturing methods and technology for processing cobalt-samarium magnets Interim report, 16 Feb. - 15 May 1970	1970
19700085975	Investigation of missile system aerodynamics Final report	1970
19700085976	Fuels surveillance research program	1970
19700085977	Neutron induced ionization rate and electron current from a point source in uniform air Technical report, Oct. 1967 - Oct. 1969	1970
19700085978	Output characteristics of hybrid DELTIC correlators Research and development report, 1966 - 1968	1970
19700085979	The effects of injector design variables on average drop size for impinging jets Technical report, Dec. 1968 - Sep. 1969	1970
19700085980	Automated mechanical property analysis	1970
19700085981	Development of program and techniques for automatic processing of Weather Bureau rawinsonde data	1970
19700085982	Tunable, high-frequency, high-power, moderate-Q transmitting antenna Research and development report, Feb. 1965 - Jun. 1969	1970
19700085983	The airglow and the aurora as probes of atmospheric density and composition	1970
19700085988	Plan for measurement of operator performance in simulated air to ground interdiction mission using the low-light-level TV sensor /U/ Interim report	1970
19700085989	The Harkers Island experiment - A comparison of four night optical surveillance devices under natural marine conditions /U/ Final report	1970
19700085990	Annual report /1969/ of the fleet surveillance group /U/ Special publication	1970
19700085991	Minimum-cost design booster program /U/ Final report, 1 Sep. 1968 - 10 Jan. 1970	1970
19700085999	Development of new high energy explosive compositions /U/ Quarterly progress report, 9 Feb. - 30 Apr. 1970	1970
19700086000	Development of the aerospike thrust chamber for AMPS /Advanced Maneuvering Propulsion System/ /U/	1970
19700086003	Properties of selected thermally stable explosives /U/	1970
19700086004	Study of the long range position determination system /U/ Final technical report, 29 Apr. - 29 Dec. 1969	1970
19700086005	An analytical appraisal of the potential utility of hydroxyl-terminated polybutadiene-based propellants /U/	1970
19700086006	Research facilities handbook	1970
19700086007	Seismic array processing techniques Quarterly report, 15 Feb. - 15 May 1970	1970
19700086008	The 11602 Lance missile no. 5114, round no. 82 Meteorological data report, 15 Apr. 1970	1970
19700086009	The 11602 Lance missile no. 5117, round no. 86 RGL Meteorological data report, 19 May 1970	1970
19700086010	The AF03702 Honest John missile no. 620, round no. 602 AML Meteorological data report, 6 May 1970	1970
19700086011	Aerobee 170 KP 3.30 Meteorological data report, 24 Apr. 1970	1970
19700086012	Nike-Hydac STV-94, Nike-Hydac STV-93 Meteorological data report, 5 May 1970	1970
19700086013	The 11601E Lance missile no. 5105, round no. 84 RBL /30 April 1970/ Meteorological data report	1970
19700086014	A guide to nuclear weapons effects literature Special report	1970
19700086015	Manufacturing methods for Samarium cobalt magnets Interim report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700086016	Manufacturing technology for production processes applicable to meshless storage display tube Interim technical report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700086017	Aviation and astronautics engineering /selected articles/	1970
19700086018	Improved fabrication methods of jet engine rotors Final technical report, 1 Jul. 1967 - 31 Mar. 1970	1970
19700086019	Configuration design analysis of a prop/rotor aircraft, phase 1 Final technical report, 15 Apr. - 15 Aug. 1969	1970
19700086020	Sampling tests of one, type MS90447-2, nickel-cadmium aircraft battery manufactured by Gulton Industries, Incorporated Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086021	Fuel decontamination, non-destructive testing of coalescer elements	1970
19700086022	The C-141 formation wake turbulence evaluation Final report	1970
19700086023	The theory of geodetic observations	1970
19700086024	Sampling tests of three, type MS18122-1, silver-zinc, aircraft batteries manufactured by Yardney Electric Corporation	1970
19700086025	Cavitation and droplet impingement damage of aircraft rain erosion materials	1970
19700086026	Antenna aperture design for Project CAMEL	1970
19700086027	Studies of parameters affecting the interfacial bond strength of difficult to remove linear polyurethane aircraft paint systems Final report, 22 Apr. 1969 - 21 Apr. 1970	1970
19700086028	Test firing of a supersonic probe thrust vector control concept	1970
19700086029	Flexural disc transducer development Final report	1970
19700086030	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 9 Jan. - 8 Apr. 1970	1970
19700086031	Actual state and perspectives of the technology of solid state semiconductor circuits and the problem of selecting the optimum technology for a domestic program	1970
19700086032	AF95 powder manufacturing techniques Interim engineering progress report, 1 Feb. - 1 Jun. 1970	1970
19700086033	Epitaxial deposition techniques Semiannual report, 1 Jul. - 31 Dec. 1969	1970
19700086034	Some problems concerning airplanes with short start and landing distances	1970
19700086036	Serviceability evaluation of parachute gun and cable assembly P/N-807345-409 used on F-105 aircraft	1970
19700086038	AN/PRC-66, AN/PRC-75 UHF transceiver development program Final technical report	1970
19700086039	Development of production manufacturing techniques for application of protective coatings to thoria dispersion strengthened alloys Interim technical report, 1 Mar. - 31 May 1970	1970
19700086040	Airborne measurements of optical atmospheric properties at night Final scientific report, 19 Jan. 1967 - 30 Apr. 1970	1970
19700086041	Implementation and testing of the digital modulation technique and the adaptive equalizer Final technical report, Jan. 1967 - Dec. 1968	1970
19700086043	Exploratory development of liquid elastomers as fabric coating compounds Final report, 2 Apr. 1969 - 15 Feb. 1970	1970
19700086044	Ignition property studies Final report, 15 Jun. - 30 Nov. 1969	1970
19700086045	The influence of lubrication with molybdenum disulfide on the cutting surface wear of the lathe cutting tool	1970
19700086048	Report of limited category 2 evaluation of the Hunter 1 reconnaissance system /U/ Final report, 25 Jun. - 2 Oct. 1969	1970
19700086049	IRIA annotated bibliography of infrared literature, volume 14, no. 1 /U/	1970
19700086050	Advanced maneuvering propulsion technology program /U/ Quarterly progress report, 1 Feb. - 30 Apr. 1970	1970
19700086054	Force tests of a hypersonic recoverable booster in proximity to the second-stage vehicle at Mach number 10 /U/ Final report, 26 Nov. - 2 Dec. 1969	1970
19700086056	Study and demonstration of passively cooled nozzles containing heat absorbent coolants between pyrolytic graphite washers /U/ Technical report, 22 Nov. 1967 - 15 Sep. 1969	1970
19700086057	Lactic acid and pyruvic acid concentration in the venous blood of the arm in healthy subjects under conditions of rest with congestion and under stress	1970
19700086058	Coding for turbulent channels. Volume 1 - Summary Final technical report	1970
19700086059	Research on electrochemical parameters for non-aqueous batteries, task 1 Quarterly progress report, period ending 31 Mar. 1970	1970
19700086060	Effects of hydrogen gas on metals at ambient temperature	1970
19700086061	Calibration of a C-131 aircraft as an HF test vehicle	1970
19700086062	Millimeter wave intersatellite repeater study, volume 1 Final technical report, 26 Feb. 1969 - 26 Mar. 1970	1970
19700086063	HF antenna coupler, UHF radio set, data terminal set, HF radio set Interim engineering report, 4 Oct. 1969 - 5 Feb. 1970	1970
19700086064	Feasibility and utility of a photo reconnaissance application to steer. Volume 2 - Unclassified appendices Interim report, 24 Dec. 1969 - 16 Feb. 1970	1970
19700086065	Research in the radar reflecting properties of discrete target in the presence of an interfering medium Final scientific report, 1 Jul. 1967 - 30 Jun. 1969	1970
19700086066	Analysis of photographic paper "kind 991" /Eastman Kodak Company/	1970
19700086067	Inertial navigation system interface. Model 5151A Quarterly interim report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700086069	Long range seismic measurements Final report, 1 Jan. - 31 Dec. 1969	1970
19700086070	The effect of voids on the mechanical properties of high modulus graphite fiber/epoxy - Reinforced composites, 26 August 1969 - 26 March 1970	1970
19700086071	Hydrostatic bearing system for AN/FPS-24 radar Final technical report, Mar. 1966 - Mar. 1969	1970
19700086072	Failure analysis of Minuteman integrated circuit failures Final technical report, 1 Oct. 1968 - 15 Dec. 1969	1970
19700086073	The 11601U Lance missile no. 5103, round no. 79 RBT /19 March 1970/ Meteorological data report	1970
19700086074	The 11604 Lance missile no. 5138, round no. 80 RML /26 March 1970/ Meteorological data report	1970
19700086075	High quality erbium laser materials Semiannual report, 16 Jun. - 15 Dec. 1969	1970
19700086076	Contacting technology for gallium arsenide Technical report, 19 May - 31 Dec. 1969	1970
19700086077	The mechanical performance of cross-plyed fiber glass-epoxy composites	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086078	Sorption properties of activated carbon Quarterly progress report, 27 Jan. - 26 Mar. 1970	1970
19700086079	Processing of ceramics - Surface finishing studies Final technical report, 22 Jan. 1969 - 21 Mar. 1970	1970
19700086080	Development of a nondestructive testing technique to determine flaw criticality Interim technical report, 1 Mar. 1969 - 8 May 1970	1970
19700086081	Controllable development of silver halide emulsions Final technical report, 2 Jan. - 31 Dec. 1969	1970
19700086082	A nonlinear representation for parametrically similar signals Technical report, Jan. 1968 - Oct. 1969	1970
19700086083	Experimental investigation of aerodynamic flow control by jet flap vane in a two dimensional cascade. Design and experimental results Final report, 30 Apr. 1969 - 30 Apr. 1970	1970
19700086084	Computer program for determining confidence intervals for multicomponent, system reliability	1970
19700086086	Orbital scoring system detail design Final report, 1 Oct. 1968 - 31 Oct. 1969	1970
19700086087	Bacteria which are semi-resistant to bacteriophage. 2 - Quantitative study of phage adsorption onto semi-resistant bacteria and the process of infection of such bacteria	1970
19700086088	Optimal codes for cross-correlation	1970
19700086089	An evaluation of the Martin proportional lead guidance concept	1970
19700086091	Converter, liquid oxygen Final report	1970
19700086092	Gauging infrared radiation detectors	1970
19700086093	Rare-earth doped apatite laser materials Semiannual report, 19 Sep. 1969 - Mar. 1970	1970
19700086094	Cadmium telluride for gamma radiation detectors Final technical report, 1 Nov. 1968 - 21 Oct. 1969	1970
19700086097	Attenuation of infrared laser radiation by HC, FS, WP, and fog-oil smokes Technical report, Jan. - Jun. 1969	1970
19700086098	GE4 S/N 435-006/2A stage 9 blade failure investigation	1970
19700086100	The space-B2 minimum variance trajectory estimation program	1970
19700086101	A review of multi-function array radar clutter rejection techniques	1970
19700086102	Applications of vector subtraction to clutter rejection of dynamic radar data Final technical report	1970
19700086103	Review of recent developments - Oxidation- resistant coatings for refractory metals	1970
19700086104	Operation and close-out of the Uinta Basin Seismological Observatory Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700086105	Random Access Discrete Address /RADA/ advanced development program. Phase 3 - Final system design plan	1970
19700086107	A research program on the study of high frequency acoustical and optical sound waves in plastics and rubbers and their interactions with electromagnetic laser radiation Annual report, 2 Nov. 1968 - 31 Dec. 1969	1970
19700086108	Review of recent developments - Titanium and titanium alloys	1970
19700086110	Fixable photochromic materials Final report, Jan. 1969 - Feb. 1970	1970
19700086111	Executive decision survey. Volume 8, annex A - Phase 2B development plan for the integrated facilities system Final report	1970
19700086112	Studies on composition B Final report, 10 Mar. 1969 - 10 Mar. 1970	1970
19700086113	Compound semiconductor integrated circuits Final report, 1 Oct. 1967 - 30 Sep. 1969	1970
19700086114	Evaluation of atmospheric transport and diffusion Semiannual report, 15 Jun. - 15 Dec. 1969	1970
19700086115	Large scale integrated circuit arrays Final technical report, 15 Jan. 1966 - 20 May 1969	1970
19700086116	Arctic environmental test of survey, surveillance and target acquisition systems Final report	1970
19700086117	Mass-spectrometric studies of graphite vaporization at high temperatures Quarterly technical management report, 1 Jan. - 31 Mar. 1970	1970
19700086118	Missile transporter-loader Final report	1970
19700086119	Computerized anatomical model man Technical report, 7 Feb. - 7 Oct. 1969	1970
19700086120	Opening dynamics of a T-10 parachute with inflation aids Final report, 2 Jun. 1968 - 1 Jun. 1969	1970
19700086121	A feasibility study of a high-speed burner Final report	1970
19700086122	An experimental investigation of the effects of rotor head configuration and fuselage yaw on the wake characteristics and rotor performance of a 1/8th scale helicopter Final report	1970
19700086123	The 08506 Honest John missile no. 1842, round no. 598 RML C/K Meteorological data report for 3 Mar. 1970	1970
19700086124	Bismuth titanate-photoconductor optical storage medium Final report, 8 Aug. 1968 - 31 Dec. 1969	1970
19700086125	Elevated temperature resistant polymeric thermal control coatings Technical report, May 1968 - Mar. 1969	1970
19700086126	Bending and buckling of thin elastic shallow spherical sandwich shells	1970
19700086127	Solar heat reflecting paint Final report	1970
19700086128	Optical techniques for flow visualization and flow field measurements in aircraft turbomachinery Final report, May 1969 - Apr. 1970	1970
19700086129	Effects of lubricants on helicopter spur gear fatigue	1970
19700086130	Anti-icing tests of a Pratt and Whitney Aircraft TF30-P-12 turbofan engine at sea level static conditions Final report	1970
19700086131	Exploratory development dome studies, volume 1 Final report	1970
19700086132	Exploratory development dome studies. Volume 2 - Appendices Final report	1970
19700086133	Exploratory development dome studies. Volume 3 - Supplementary technical data Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086134	Random Access Discrete Address /RADA/ advanced development program, volume 1, phase 3 Final report	1970
19700086135	Simulation evaluation of flight command functions Technical report, Nov. 1968 - Sep. 1969	1970
19700086136	Diffusion bonded titanium alloy hollow fan- disk Interim technical report, 5 Jan. - 31 Mar. 1970	1970
19700086137	On-line trainable adaptive process control Interim engineering progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700086138	Engineering support services, research rocket instrumentation Final report, 1 Apr. 1967 - 31 Mar. 1970	1970
19700086139	Wind tunnel test of a typical hypervelocity free rocket design	1970
19700086140	Sustaining engineering Annual report, 1969	1970
19700086141	Radiation Effects, volume 1	1970
19700086142	REST - Radar Electronic Scan Technique Final report	1970
19700086143	Research on intelligent automata	1970
19700086144	Solid rocket structural integrity abstracts, volume 7, no. 2	1970
19700086145	Development of devices for power conditioning applications Quarterly progress report, 28 Jun. - 28 Sep. 1969	1970
19700086147	Test and evaluation of waveguide switches for MIL-S-55041A Final report	1970
19700086148	Aerothermodynamic tests of preliminary North American Rockwell space shuttle concepts at Mach number 8 Final report	1970
19700086149	Effect of sulfur in JP-5 fuel on hot corrosion of turbine blade materials in marine environment Progress report, 2 Nov. 1969 - 2 Feb. 1970	1970
19700086150	Product improvement program for navy model H-2 hydraulic engine starter Final engineering report, 12 Mar. - 31 Dec. 1969	1970
19700086151	A study of the effect of lubricant properties on the elastohydrodynamic lubrication of rolling bearings Quarterly report, 13 Feb. - 13 May 1970	1970
19700086152	Modification of MA6 lap belt and shoulder harness for QT-33A aircraft	1970
19700086153	Bandwidth reduction for facsimile Final report	1970
19700086155	VHF /30-76 MHz/ antenna diplexer evaluation Final report, Jul. 1969 - May 1970	1970
19700086156	Test and evaluation of four variable gain proportional amplifiers Final report	1970
19700086157	Spline interpolation on a digital computer	1970
19700086158	Automated aircrew escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring of the F14 airplane Interim report, Feb. - Mar. 1970	1970
19700086159	Technical evaluation of receiver AN/URR-27A Final report	1970
19700086160	Wideband analog recorder/readout system Final technical report, 15 Feb. 1968 - 15 Feb. 1970	1970
19700086161	Coding for turbulent channels. Volume 4 - Coding techniques studies and tests Final report	1970
19700086162	Performance rating for analogue and digital modulation methods	1970
19700086163	Vanguard strike film viewer Final report, 19 Nov. 1969 - 26 Jan. 1970	1970
19700086164	Manufacture of high strength TD nickel- chromium tubing Interim report, 15 Nov. 1969 - 15 Mar. 1970	1970
19700086165	Theoretical calculation of iso-damage characteristics Final report	1970
19700086166	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700086167	Microcircuit crystal oscillator Quarterly report, Dec. 1969 - Mar. 1970	1970
19700086168	Study of basic theories of water condensation Final report, 15 Jan. 1969 - 15 Jan. 1970	1970
19700086169	T55-I-11 engine support for CH-47C aircraft US Army test programs Progress report, 1-31 Mar. 1970	1970
19700086170	Calculation of effects of many nuclear weapons on atmospheric electron and ion densities Research and development, 1 Nov. 1969 - 28 Feb. 1970	1970
19700086171	Review of recent developments - Aluminum and magnesium	1970
19700086172	Techniques for achieving high power Q-switched operation in YAG:Nd Final report	1970
19700086173	Programmed gas generation for ballistic inertia reel	1970
19700086174	Nuclear magnetic resonance spectroscopy - Quantitative analysis of nitroglycerin and 2-nitrodiphenylamine	1970
19700086175	Apollo 13 mission 5-day report	1970
19700086176	Development of electrostatic-free material	1970
19700086177	Aerobee 350 NASA 17.05 GT-GG /14 April 1970/ Meteorological data report	1970
19700086178	Study of flow around axisymmetric bodies with and without plume induced separation at transonic speeds	1970
19700086179	Production engineering measure for solid-state avalanche photodetectors Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700086180	Small-signal amplification Interim technical report, 1 Jun. 1969 - 28 Feb. 1970	1970
19700086182	Research and development programs Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700086183	Manufacturing technology for polybenzimidazole resin in composite structures Final report, Nov. 1963 - Jul. 1969	1970
19700086184	Characteristic waveforms of metallic targets in the presence of background signal Interim report	1970
19700086185	The MM16 high-speed digital minimodulus micromodular technique	1970
19700086186	On the possibilities of simulating the flight operating conditions of turbine engines on a test stand	1970
19700086187	The universal UMC-10 computer construction, organization, programming	1970
19700086188	Conductivity and stability investigations on the system ZrO ₂ -Y ₂ O ₃ -MgO<1, with a view to its application as a solid electrolyte in fuel cells	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086190	Manufacturing methods for bipolar Micromosaic large scale integrated circuits Interim engineering progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700086191	General concepts of the accounting computer CER-20	1970
19700086192	Refraction and focusing of high frequency radio waves due to nuclear detonations Final report	1970
19700086193	Production engine report T53-L-7 Engineering report	1970
19700086194	Modification kit for Versamat 1411 color processor Final report	1970
19700086195	DOD AIMS aerospace ground equipment	1970
19700086196	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700086197	Standardization of safety pins in cartridge actuated devices	1970
19700086198	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700086199	Introduction to characteristic modes for chaff applications	1970
19700086200	HAST ramjet configuration wind tunnel test summary Final report, 10-22 Nov. 1969	1970
19700086201	Multi-mode lasers in interferometry and holography Technical report, Dec. 1966 - Dec. 1968	1970
19700086202	Relating dynamic properties of materials and resistance to damage by rain impact Final summary report	1970
19700086204	Production engineering measure crystal units, type CR-/XM-69/U and CR-/XM-70/U Quarterly report, 16 Dec. 1969 - 16 Mar. 1970	1970
19700086205	Cumulative damage studies of conventional cast composite-modified double base propellant Final technical report, 1 Nov. 1968 - 1 Dec. 1969	1970
19700086206	Critical Evaluation and Compilation of Thermophysical Property Data for Cryogenic Materials and Measurement of the Properties of Fluids Quarterly Progress Report, Period Ending 30 Jun. 1970	1970
19700086207	Review of recent developments - Metalworking	1970
19700086208	Advanced research in guidance, control, and instrumentation Final report, Jan. 1967 - 15 Jan. 1970	1970
19700086209	A computer code for statistical analysis of radiation Technical note, Aug. 1969 - Feb. 1970	1970
19700086210	Review of manufacture and application of semiconductor integrated circuits to Army items	1970
19700086211	Digital pulse analyzer. ECM aid measures pulsewidth and PRF of conventional pulsed radars Research and development report, Jun. 1967 - Jun. 1969	1970
19700086212	User's manual. Boundary Layer Integral Matrix Procedure /BLIMP/, volume 2 Technical report, Mar. 1968 - Oct. 1969	1970
19700086214	Seals, volume 2 Report bibliography, Mar. 1950 - Dec. 1969	1970
19700086215	Solid state power devises, phase report	1970
19700086217	Dispersion strengthened metal structural development Interim technical report, 1 Feb. - 1 May 1970	1970
19700086218	Soviet liquid rocket engines for space travel engineering	1970
19700086219	The inhibition period of photooxidation of polypropylene as determined by IR absorption spectroscopy	1970
19700086220	Transonic wind tunnel tests of various SOCM configurations Final report, 31 Dec. 1969 - 5 Jan. 1970	1970
19700086221	Communication security equipment Final report	1970
19700086222	Production engineering measure for high-voltage aluminum high-reliability electrolytic capacitors Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700086223	Sound propogation study Final report	1970
19700086224	Fluidic attitude sensor Technical report, Jan. 1969 - Jan. 1970	1970
19700086225	A general method for identifying nonlinear dynamical systems. Part 2 - Analysis of aircraft flight test data Final technical report	1970
19700086227	Translations on French nuclear, missile, space, and related military developments, no. 240	1970
19700086228	Establishment of a manufacturing process for infrared glass windows Interim engineering progress report, 1 Jan. - 31 Mar. 1970	1970
19700086230	Lateral Photoelectric Detector /LPD/ evaluation tracker	1970
19700086231	Automated aircrew escape system, operational aeromedical and human factors, maintainability and engineering evaluation and system development monitoring of the F14 airplane Interim report	1970
19700086232	Special testing and review of technical manual for AN/USM-140 series oscilloscopes Final report	1970
19700086236	Environmental simulation and test criteria for captive-carry cycling of air launched missiles Technical publication, Jun. 1967 - Dec. 1969	1970
19700086237	Operation of the Tonto Forest Seismological Observatory Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700086239	An investigation of the Phoenix launcher gas system Technical report, Mar. 1968 - Jan. 1969	1970
19700086240	Titanium alloy scrap reclamation process Interim engineering progress report, 15 Dec. 1969 - 15 Mar. 1970	1970
19700086241	ATS-E ground station antenna for the ATS millimeter wave propagation experiment, volume 2 Final report	1970
19700086242	Studies related to the surfaces of the moon and planets Annual report, 1 Apr. 1969 - 31 Mar. 1970	1970
19700086243	User's manual. Boundary Layer Integral Matrix Procedure /BLIMP/, volume 1 Technical report, Mar. 1968 - Oct. 1969	1970
19700086244	Application of the STAR computer to problems in the numerical calculation of electromagnetic fields Technical report, May - Sep. 1969	1970
19700086245	Studies in the oxidation and reduction of aromatic nitro compounds Final report	1970
19700086246	Investigations on the system cesium-oxygen	1970
19700086247	Cryogenic insulation development Final report, 1 Jan. 1968 - 31 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086248	Lunar nomenclature Interim report	1970
19700086249	A strength analysis of a polygraphite, part 2 Final report, 1 Apr. 1968 - 15 Sep. 1969	1970
19700086251	Fully automated high speed message entry equipment /AN/FST-6 /XE-2// Final technical report, 8 Feb. - 30 Nov. 1969	1970
19700086253	Development of lightweight silver-oxide zinc battery for LM ascent stage Final report	1970
19700086254	Compiled quick look Apollo prime sites	1970
19700086255	Lunar module subsystems model performance analysis Apollo 12	1970
19700086256	Navigation Simulation Processor /NAVPRO/ programmer's guide	1970
19700086257	Separation characteristics of various stores when released from a vertical or multiple ejection rack mounted on F-4C and A-7D aircraft at Mach numbers from 0.54 to 0.95 Final report, 13-24 Jan. 1970	1970
19700086260	Air Force soil stabilization research	1970
19700086262	Flight evaluation of a prototype improved Boeing /Vertol Division/ swirl separator inlet installed on a CH-46A aircraft Final report	1970
19700086263	System feasibility special studies report - Crew-served weapons night vision sight Final report	1970
19700086264	Changes in oxygen consumption of isolated tissues after ouabain administration or substitution of choline for sodium in bathing media	1970
19700086265	Design study of a radiation hardened Digital Differential Analyzer /DDA/ Final report	1970
19700086267	The Saab 105 - A twin engine turbojet aircraft	1970
19700086268	Dissipative transport processes	1970
19700086269	Initial stages in the polymerization of hydrocyanic acid and prebiological syntheses	1970
19700086272	Space station phase B definition design sheets zero-G configuration solar power space station	1970
19700086273	Space station program phase B definition Quarterly progress report	1970
19700086274	Summary of procedures for performing orbital debris analysis	1970
19700086276	Space station program phase B definition, special emphasis tasks summary report Quarterly report, 1 Dec. 1969 - 13 Mar. 1970	1970
19700086278	Apollo 10 CSM 106, service propulsion system, final flight evaluation	1970
19700086279	Apollo mission 12, trajectory reconstruction and postflight analysis, volume 1	1970
19700086280	TAPP-VIA user's guide	1970
19700086281	Spacecraft systems analysis project - Apollo lunar reflectivity model	1970
19700086283	Contribution to the technique of performing the lymphoblastic transformation "test", by lymphocytes separation	1970
19700086284	Presence of lymphocytes containing immunoglobulins, in the peripheral blood of immunized rabbits	1970
19700086285	An improved toluene base scintillator for estimating radioactivity in aqueous samples	1970
19700086286	Problems in the measurement of tissue respiration with the oxygen electrode	1970
19700086287	Research on aerofoil sections in high subsonic flows	1970
19700086288	Separation of different populations of lymphocytes by centrifugation by Ficoll linear density gradient	1970
19700086289	Discrete levels of beginning heights of meteors in streams	1970
19700086290	Experimental research on humans in a state of hypothermia resulting from being confined to a life raft on the open sea	1970
19700086291	Ice and snow in satellite photography	1970
19700086292	Application of advanced composite materials to V/STOL aircraft. Volume 2 - Materials	1970
19700086293	Temperature boundaries for the space shuttle booster and orbiter vehicles, task 1 report	1970
19700086294	Counterflow of sodium across short circuited "acid-killed" turtle bladder	1970
19700086296	Atlas/Centaur-19 Mariner Mars-7 Final field report	1970
19700086297	Proteins, nucleic acids and ribosomes, and lipids Progress report, 1 Oct. 1967 - 30 Apr. 1970	1970
19700086299	Intermediary metabolism during brief and prolonged low tissue temperatures Progress report, 1 Jan. - 30 Jun. 1970	1970
19700086300	Delta-67 TOS-G Final field report	1970
19700086301	Apollo/Saturn 5 space vehicle flight readiness test	1970
19700086302	Delta-78 Intelsat 3-G operations summary	1970
19700086303	Enzyme activity in terrestrial soil in relation to exploration of the Martian surface Semiannual progress report, 1 Jan. - 30 Jun. 1970	1970
19700086304	Application of blade-element techniques to design and performance prediction problems for axial-flow turbomachinery Progress report, 1 Oct. 1969 - 31 Mar. 1970	1970
19700086305	AS-507 electromagnetic compatibility data	1970
19700086306	Delta-75 Intelsat 3-F, flash flight report	1970
19700086307	AS-508 facilities and environmental measurements program	1970
19700086311	Delta-76 Tiros-M Final flight report	1970
19700086316	Study of radiometric visual landing aid system	1970
19700086317	SERT 2 Thorad/Agema 12 Final flight report	1970
19700086318	Support item D-1, 679 A program. Laboratory test results. Comparative test contrast trackers, supplement, appendix A	1970
19700086319	Stores interface definition study. Volume 3 - Computer program system Technical report, Feb. 1969 - Feb. 1970	1970
19700086320	Translations on French nuclear, missile, space, and related military developments number 241	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086321	The 15.3 GHz ground receiver/radiometer systems for the ATS millimeter wave propagation experiment Final report	1970
19700086323	Hypervelocity impact experiment Technical report, Jun. 1968 - Oct. 1969	1970
19700086324	Development of small north orienting device Final technical report, Feb. 1969 - Feb. 1970	1970
19700086325	Production testing of multipurpose recorder	1970
19700086326	Direction finding equipment, gyroscopes Final report	1970
19700086327	Experimental adaptive iterative processor study Final report, 19 Feb. 1969 - 14 Apr. 1970	1970
19700086328	Electronic systems with ferrite memory blocks	1970
19700086329	Aerobee 170 NASA 13.06 /8 May 1970/ Meteorological data report	1970
19700086331	Production engineering of ferrite cores for RF application Quarterly report, Jan. - Mar. 1970	1970
19700086332	P-nitrophenyl-phosphatase activity in the microsomal fraction of turtle bladder mucosal cells	1970
19700086333	Analysis and definition of reusable launch vehicle concepts. Volume 1 - Summary /U/ Final report, Jan. 1969 - Jan. 1970	1970
19700086334	Analysis and definition of reusable launch vehicle concepts. Volume 2 - Concepts analysis /U/ Final report, Jan. 1969 - Jan. 1970	1970
19700086338	Thermal stability and kinetic studies of LMH-1 /U/ Final report, 1 Nov. 1967 - 31 Dec. 1969	1970
19700086339	Manufacturing methods and technology measure for 18 mm microchannel plates /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700086341	Integrated Engine Instrumentation System study - Energy management subsystem investigation. Volume 4 - Appendix C, IEIS engine simulation data /U/ Final report, 1 Nov. 1968 - 30 Apr. 1970	1970
19700086342	Development of high temperature resistant materials for use in Naval Ordnance /U/ Quarterly progress report, 3 Jan. - 4 Apr. 1970	1970
19700086343	Advanced interconnection and packaging techniques for integrated circuits Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700086345	Near-surface lift of base-cavitating hydrofoils	1970
19700086346	Exploratory development of a high performance rocket motor under high acceleration loads /U/ Final report	1970
19700086347	Performance of a C-90 bulk graphite nozzle insert fired with a fluorinated propellant /U/	1970
19700086348	Advanced rocket ramjet program /U/	1970
19700086351	Test of the Tactical Air Support Control System /TASCS/ AN/USQ-41 /U/ Final report, 5 Nov. - 19 Dec. 1969	1970
19700086353	Advanced dual chamber propulsion system component design report /U/ Technical report, Dec. 1968 - May 1970	1970
19700086354	Reduced debris igniter for the TOW launch motor XM-114 /U/	1970
19700086355	Multipurpose additives for composite propellants, part 2 /U/	1970
19700086358	Evaluation study of the oxidation corrosion characteristics of aircraft turbine engine lubricants, volume 1 Technical report, 1 Feb. - 15 Dec. 1969	1970
19700086359	Evaluation study of the oxidation corrosion characteristics of aircraft turbine engine lubricants, volume 2 Technical report, 1 Feb. - 15 Dec. 1969	1970
19700086360	Nuclear flight system definition study. Volume 1 - Summary Final report, 30 Jun. 1969 - 1 May 1970	1970
19700086361	Nuclear Flight System Definition Study. Volume 2 - RNS System Definition. Part 1 - System Analysis Final Report, 8 Oct. 1969 - 1 May 1970	1970
19700086362	Nuclear flight system definition study. Volume 2 - RNS system definition. Part 2 - Single module concept definition Technical report, 8 Oct. 1969 - 1 May 1970	1970
19700086363	Nuclear flight system definition study. Volume 2 - RNS system definition. Part 3 - Multiple module concept definition Final report, 8 Oct. 1969 - 1 May 1970	1970
19700086364	Nuclear flight system definition study. Volume 3 - Supporting research and technology report Final report, 30 Jun. 1969 - 1 May 1970	1970
19700086365	Nuclear flight propulsion module definition study. Part 3 - System development Final report, 30 Jun. 1969 - 1 May 1970	1970
19700086367	Investigation of radio interference and field intensity meter NM-62A for receiver model validation Final report	1970
19700086368	Mark systems Diffusion Transfer Processing System /DTPS/ Final report	1970
19700086369	First article testing for low frequency X-Y oscilloscope	1970
19700086370	Systems component electromagnetic compatibility Quarterly report, 19 Nov. 1969 - 19 Feb. 1970	1970
19700086371	Variable density electrooptical dipole shutter Final report, 10 Dec. 1968 - 3 Oct. 1969	1970
19700086372	Development of S-band dematron amplifier Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700086373	Strength of glass-fiber bundles and composites subjected to slow rates of straining Summary report, 1 Feb. - 1 Aug. 1969	1970
19700086374	Interference prediction model development - AN/VPS-2 radar model	1970
19700086375	Flow field investigation on the windward surface of highly swept blunted delta wings at moderate angles of attack Final report, 28 Aug. - 17 Oct. 1969	1970
19700086376	The formation of field aligned striations in artificial plasma clouds due to cross-field instability - A linear analysis	1970
19700086377	Nature of interatomic bonding in beryllium Final report, Feb. 1967 - Jan. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086379	Investigation of additives for vulnerability reduction of JP-4 fuel Final technical report, Jul. 1968 - Jul. 1969	1970
19700086380	Integrated solid-state microwave sources Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700086381	Laser inflight obstacle detection device Quarterly technical report, 30 Jun. - 1 Oct. 1969	1970
19700086383	Development of reliability algorithms for complex redundancy situations	1970
19700086384	Reflection and scattering from a rough surface	1970
19700086385	MAPP gas Final report	1970
19700086386	Evaluation of Sperry Rand Corporation compass, fluidless magnetic pilot's standby Final report	1970
19700086387	Simulation of electric drive vehicles	1970
19700086388	Electronically controlled high dynamic range tuner Quarterly report, 17 Dec. 1969 - 16 Mar. 1970	1970
19700086389	Production engine report T53-L-13A	1970
19700086390	Production engineering measures program for a pulsed 1 kW Ku, band tunable coaxial magnetron Final engineering report, 12 Apr. 1968 - 12 Feb. 1970	1970
19700086391	Dynamic temperature behavior of quartz crystal units Semiannual report, 1 Jul. - 31 Dec. 1969	1970
19700086393	Technical status report. Rocket propellant program. Propellants Laboratory /U/ Technical report, Jan. - Mar. 1970	1970
19700086394	Rolling diaphragm expulsion device for a prepackaged liquid rocket engine /U/	1970
19700086399	Development of high-energy polymer systems /U/ Final report, 2 Jan. - 30 Dec. 1969	1970
19700086402	Electrode-electrolyte interactions magnesium anodes and meta-dinitrobenzene cathodes Semiannual report, 1 Jan. - 30 Jun. 1969	1970
19700086403	Technical evaluation of AN/UPA-59/V/ aims decoder group	1970
19700086404	The technology of epitaxial silicon layers from SiCl ₄ Research and development report, Mar. 1968 - Jun. 1969	1970
19700086405	Manufacturing methods and technology measure. Ultraprecision integrated-circuit photomasks Quarterly progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700086406	Stability characterization of refractory materials under high velocity atmospheric flight conditions. Volume 1, part 1 - Summary Technical report, Apr. 1966 - Jul. 1969	1970
19700086407	Thermal control of pod-mounted electronic systems. Volume 1, part 2 - Parametric equivalent weight data Final technical report, Oct. 1968 - Oct. 1969	1970
19700086408	KG-80 spin axis instrument bearing lubricant Technical report, Aug. 1961 - Apr. 1969	1970
19700086410	Using the laser for measuring the position of artificial earth satellites	1970
19700086411	Description of language and ALGUM translator for UMC machines	1970
19700086412	Loss-factor meters type 1033 and 1034 and their applicability	1970
19700086413	Quantum mechanical binary distribution function and correlation energy of a high- temperature plasma	1970
19700086414	Radio frequency isolators Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700086415	Correlation of plasma analysis techniques. A review of collisional probe theory Final report, 15 Oct. 1967 - 15 Jan. 1970	1970
19700086416	Investigation of laminated convection-film cooled turbine stator vanes	1970
19700086418	Structural integrity of air-launched solid- propellant motors /U/	1970
19700086420	Throtttable primary injectory for staged combustion engine /U/ Final technical report, 1 Nov. 1968 - 15 Dec. 1969	1970
19700086421	Turret system design investigation /U/ Final report, 20 Jun. 1969 - 23 Feb. 1970	1970
19700086422	Barrier/counterbarrier research. Radars for personnel detection /U/ Technical research memorandum report	1970
19700086423	Minimum cost design/space launch vehicle design/cost study. Phase 2 - Detailed management and fractory through launch analysis /U/ Technical report, 30 Oct. 1969 - 9 Jan. 1970	1970
19700086425	Synthesis of stable new interhalogen oxidizers /U/ Final annual technical report, 3 Feb. 1969 - 2 Feb. 1970	1970
19700086428	Integrated pin diode phase shifter networks Final technical report, 1 Jun. 1967 - 1 Jun. 1969	1970
19700086429	Pennsylvania-Princeton Army avionics research program. Moore School airspace simulation effort. Simulation of a Computer-Aided Flight Operations Center /CAFOC/ Final technical report	1970
19700086430	Backscatter Ultraviolet /BUV/ instrument, volume 1 Final report, Apr. 1967 - Jun. 1970	1970
19700086431	Introduction	1970
19700086432	System description	1970
19700086433	Optics	1970
19700086434	Backscatter Ultraviolet /BUV/ instrument, volume 2 Final report, Apr. 1967 - Jun. 1970	1970
19700086435	Mechanics	1970
19700086436	Electronics	1970
19700086437	System testing and results	1970
19700086438	Calibration	1970
19700086439	Quality assurance and reliability	1970
19700086440	Recommendations	1970
19700086441	Evaluation of ELCA experimental nonaqueous electrochemical cells	1970
19700086442	UHF communications tube development Final report, 6 Mar. 1967 - 20 Feb. 1970	1970
19700086443	Effect of missile nose length and shape on fin effectiveness	1970
19700086444	Foundational research projects Final research report, Oct. 1969 - Mar. 1970	1970
19700086445	Bulk semiconductor limiters Quarterly progress report, 1 Sep. - 31 Nov. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086446	Study of aerodynamic rotors for air sampling Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700086448	BBEP development /U/ Final technical report, 1 Oct. 1968 - 31 Dec. 1969	1970
19700086450	Hydrocarbon fuel cooling of gas turbine engines /U/ Technical report, 1-7 May 1970	1970
19700086453	Personnel detection radar /U/ Quarterly progress report, 22 Dec. 1969 - 20 Mar. 1970	1970
19700086455	The JOAST experiments. Scientific plan for Joint Oceanographic, Acoustic, and System Tests /U/	1970
19700086456	The effect of lift with roll rate variation on the impact error of reentry vehicles /U/ Technical report, Jan. 1969 - Apr. 1970	1970
19700086458	A preliminary design and configuration study of thrust magnitude control systems for air-launched tactical missiles /U/ Technical publication, 1 Jul. - 31 Dec. 1968	1970
19700086460	Research on liquid injection into a supersonic air stream and scramjet fuels evaluation /U/ Technical report, 1 Sep. 1968 - 31 Dec. 1969	1970
19700086461	Development of a low-cost catalyst for hydrazine /U/ Final report, Jan. 1968 - 15 Nov. 1969	1970
19700086463	Non-destructive surveillance of Shrike AGM-45 rocket motors Mark 39 and Mark 53 /U/	1970
19700086464	Air Force Rocket Propulsion Laboratory /U/ Semiannual progress report, Jun. - Dec. 1969	1970
19700086465	General surveillance of Sparrow 3 AIM-7E EPU gas generator /U/	1970
19700086466	Demonstration of utility of fluorocarbon binders /U/ Special technical report, Jul. 1969 - Jan. 1970	1970
19700086467	Navy long wave propagation center coverage predictions for the Navy, fixed VLF transmitter facilities for June, July, and August /U/ Final report	1970
19700086474	Air-launched weapons systems evaluation program, FY 1969 /U/	1970
19700086478	Fuels research for supersonic combustion /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700086480	Compass sight /U/ Final report, 4 Aug. - 12 Dec. 1969	1970
19700086486	Variable field of view for the AN/AAS-18A infrared set /U/ Final report	1970
19700086488	Comparison of blast overpressure and signature of advanced LAW candidates with other shoulder-fired weapons /U/	1970
19700086489	The development and use of sensitivity tests in hazards characterization /U/	1970
19700086490	Analysis and definition of reusable launch vehicle concepts. Volume 2 - Concept analysis /U/ Final technical report, 2 Jan. 1969 - 10 Feb. 1970	1970
19700086496	Investigation of high energy, high density smokeless nitramine extruded double-base propellants /U/	1970
19700086497	Active folded planar dipole antenna Final report, Feb. 1969 - Jan. 1970	1970
19700086498	The 11601U Lance missile no. 5, round no. 81 RBL Meteorological data report for 6 Apr. 1970	1970
19700086499	The 48 KHz channel test Final technical report, 19 Mar. - 28 Nov. 1969	1970
19700086500	Accelerated service test and evaluation of the North American Rockwell OV-10A aircraft propulsion system Interim report	1970
19700086503	The 11601 W Lance missile no. 5102, round no. 77 ST Meteorologic data report for 6 Mar. 1970	1970
19700086504	Electronically tuned optical filter	1970
19700086505	Analysis of automated control, retrieval, and transmission system for STINFO	1970
19700086506	Radiative lifetimes for upper electronic states of the metals and metal oxides Annual report, 1 Sep. 1969 - 30 Apr. 1970	1970
19700086507	Solution of the viscous transonic equation for flow past a wavy wall Interim technical report	1970
19700086508	On-line trainable adaptive process control Interim engineering progress report, 1 Feb. - 30 Apr. 1970	1970
19700086513	Rotor aeroelastic instability and transient characteristics Final report	1970
19700086514	Common engineering test procedure - Reliability Final report	1970
19700086515	Continuous trace measurement technique analysis, phase 1 Final report	1970
19700086516	Nike-Cajun /three sphere ejection-/3 Meteorological data report for 9 Apr. 1970	1970
19700086517	Aerobee 150 NASA 4.321 Meteorological data report for 13 Apr. 1970	1970
19700086518	Mode conversion program for an inhomogeneous isotropic ionosphere Interim report	1970
19700086519	Technical bulletin	1970
19700086520	Nike-Javelin /ECM round/ Meteorological data report for 9 Apr. 1970	1970
19700086521	A manufacturing process for TD cobalt-nickel- chromium sheet Interim report, 15 Nov. 1969 - 15 Mar. 1970	1970
19700086523	Delta-78, Intelsat 3-G - Flash flight report	1970
19700086524	Annual hurricane summary, 1969	1970
19700086525	Design of portable strainmeter system Special report, 15 Aug. - 30 Dec. 1969	1970
19700086526	The critical current of superconducting tin and indium	1970
19700086527	Measurement of damping coefficients and dynamic modulus of fiber composites	1970
19700086528	Quality assurance test of a Thiokol Chemical Corporation TE-M-364-3 solid-propellant rocket motor tested in the spin mode at simulated altitude conditions Final report	1970
19700086529	Heat-transfer tests on hemisphere and cone-frustum models at Mach number 6 Final report	1970
19700086530	Sidelobe-reduction and interference- suppression techniques for phased arrays using digital phase shifters	1970
19700086531	Operating report for radioisotope power devices of the US Navy, volume 4, number 1 Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700086532	Interference prediction model development - Irregular terrain propagation model for 1 to 40000 megahertz	1970
19700086533	Verification testing of conjugate structure Preliminary final technical report	1970
19700086534	A computer program for analyzing the flight stability of a liquid filled shell Technical report, Jun. - Sep. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086535	Transducer for a high resolution ultrasonic scanning system Semiannual technical report, 15 Sep. 1969 - 16 Mar. 1970	1970
19700086536	Results of supersonic heat transfer studies on blunt swept leading edges, 1967-1968	1970
19700086537	Propagation measurements of amplitude and phase fading on a line-of-sight path at 2 cm	1970
19700086539	Test increment 056, Minuteman 3 A and CO tape verification test /block 4 and MGS/	1970
19700086540	Tantalum system evaluation Final technical report, 9 May 1966 - 1 Apr. 1970	1970
19700086541	Production processes for rolling tapered titanium plate Final report, 16 Oct. 1967 - 16 Aug. 1969	1970
19700086542	Simultaneous detection and estimation under multiple hypotheses Technical report, Feb. - Sep. 1969	1970
19700086543	F-14 aircraft - Automated aircrew escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring Interim report	1970
19700086544	Technical evaluation of antenna YN-1-103 Final report	1970
19700086545	Model TF30-P-8 engine special fuel control speed hang up test Interim report	1970
19700086546	Developing materials and treatments for intrusion detector containers. Phase 1 - Document study Interim technical report, 21 Nov. 1969 - 21 Mar. 1970	1970
19700086547	Computer-assisted Naval applications of holography Final report	1970
19700086549	The colloid theory of the structure of plastic lubricants	1970
19700086550	Manufacturing technology for production processes applicable to meshless storage display tube Interim technical report, 1 Sep. - 30 Nov. 1969	1970
19700086551	SAMECS structural analysis system - User's document, versions S0172CH and S0172CF	1970
19700086552	Cellulose and its treatment for sunlight and microorganisms	1970
19700086553	Optical Stokes parameters for farm crop identification	1970
19700086554	Design and operation of foam production and forming unit for spiral generation Final technical report, 1 Jul. 1969 - 28 Feb. 1970	1970
19700086555	Study of effects of grooving on pavement deterioration survey of grooving operations Technical report, Jan. - Dec. 1969	1970
19700086556	Hygroscopicity of ammonium nitrate samples	1970
19700086557	Thoughts and suggestions on marine geodesy	1970
19700086558	Control of thin film interface barriers Interim technical report, 1 Sep. 1969 - 1 Mar. 1970	1970
19700086559	An ALGOL translating program for the Minsk-2 computer	1970
19700086560	A gas gun for transonic velocities Summary technical report, Nov. 1968 - Oct. 1969	1970
19700086561	Nondestructive testing of flexible pavements - A literature review Technical report, May 1967 - Jun. 1969	1970
19700086568	Digital radar processor - Real-time Acceleration Processor with Integrated Display /RAPID/ Final technical report	1970
19700086569	A new precise pycnometer based on a magnetic float principle Technical report, Jan. 1965 - Aug. 1969	1970
19700086570	Measurement and automation - Selected articles	1970
19700086571	System effectiveness incentive structures, volume 1 Final report	1970
19700086572	Ambient temperature binder cure catalysts for hydroxy terminated systems Quarterly technical report, 2 Jan. - 31 Mar. 1970	1970
19700086573	Oxygen level and processing effects on strength and fracture resistance of Ti-6Al-4V Final report	1970
19700086574	Research on hydrocarbon fuels and related applications Technical report, 2 Dec. 1968 - 30 Nov. 1969	1970
19700086575	Machinability parameters on new and selective aerospace materials Interim engineering progress report, 1 Feb. - 30 Apr. 1970	1970
19700086576	Development of manufacturing techniques for production of rain erosion resistant coated structures Interim engineering progress report, 1 Jan. - 31 Mar. 1970	1970
19700086577	Atlas Mod 4 payload ejection mechanism test at altitude Final report	1970
19700086578	Acoustic reflectivity and transmission loss at high frequencies for SOAB and whipped SCOTCHCAST 221	1970
19700086579	A compilation of computer programs in flight vehicle technology, 1968 - 1969	1970
19700086580	Automatic data processing support for the Defense Intelligence Agency Directorate of Mapping, Charting, and Geodesy /DIAMC/ Final technical report, 1 Jul. 1969 - 1 Feb. 1970	1970
19700086581	A new method for the determination of material flow stress values under metalworking conditions Technical report, 1 Apr. - 28 Nov. 1969	1970
19700086582	Optical fiber image evaluation studies Technical report, 23 Apr. 1968 - 28 Feb. 1969	1970
19700086583	Glass bath heating of forging stock Interim engineering progress report, 1 Feb. - 30 Apr. 1970	1970
19700086584	Long period array processing development Quarterly report, 1 Feb. - 30 Apr. 1970	1970
19700086585	Condensations of some polyfunctional acids and their derivatives with 2,2',6,6' tetraaminobiphenyl Technical report, Jul. 1967 - Jul. 1969	1970
19700086586	Space communications Quarterly technical summary report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700086587	Dynamic testing of an energy attenuating armored crew seat	1970
19700086588	Description and initial operation of the AEDC magnetic model suspension facility hypersonic wind tunnel /E/ Final report, Sep. 1967 - Jan. 1970	1970
19700086589	Capabilities of the rocket test facility for testing the turboprop/turboshaft engines up to 10,000 equivalent shaft horsepower Final report, 12 Sep. - 12 Dec. 1969	1970
19700086590	Investigation of helicopter control loads induced by stall flutter Final report	1970
19700086591	Temperature measurements near the water surface	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086592	Instrumentation for monitoring dynamic flow parameters in engines Interim technical report, 2 Dec. 1968 - 1 Dec. 1969	1970
19700086593	Review of physical chemistry	1970
19700086594	Image definition device Final report, 10 Apr. 1969 - 10 Jan. 1970	1970
19700086595	Annotated bibliography on meteorological sensors and measuring techniques in the atmosphere, 1969 Technical report, 1 Mar. 1969 - 28 Feb. 1970	1970
19700086596	Functional description of helicopter automatic turn coordination systems	1970
19700086597	Transient analysis of air augmented propulsion systems Final technical report, Sep. 1969 - May 1970	1970
19700086598	Nondestructive test methods to reliably predict graphite mechanical properties. Part 1 - Correlations, characterization and recommended applications criteria Technical report, 15 Mar. 1967 - 30 Jun. 1969	1970
19700086599	Investigative studies of display equipments, direct view and projection, using television scanning techniques Progress report	1970
19700086600	Representations of the earth potential by eccentric harmonic expansions	1970
19700086601	Research on whisker-reinforced metal composites Final report, Apr. 1969 - Feb. 1970	1970
19700086602	Study of advanced filament-reinforced materials Final report	1970
19700086603	Special test of oscilloscope AN/USM-281A Final report	1970
19700086604	Preparation and testing of short fiber molding compounds	1970
19700086605	Program for helicopter gearbox noise prediction and reduction Final technology report	1970
19700086607	Some remarks on the influence of radial clearance on the operation of self-lubricating bearings	1970
19700086608	Fit test of SUV-45/A dispenser on tactical fighter aircraft Final technical report, 12 Jan. - 9 Mar. 1970	1970
19700086609	Evaluation of the mechanical and temperature cycling capabilities of solid propellant and binders containing a difunctional hydrocarbon prepolymer Quarterly technical report, 16 Dec. 1969 - 31 Mar. 1970	1970
19700086610	Sea multisensor programmed instruction course Final technical report	1970
19700086611	Special testing of multimeter AN/PSM-4E Final report	1970
19700086612	Property characterization of high modulus fiber reinforced composites Progress report, Jul. 1969 - Feb. 1970	1970
19700086613	Reliability estimation for chemical propulsion system Final report	1970
19700086616	The effects of cross-link density and filler reinforcement on the mechanical properties of silicone rubbers	1970
19700086620	Block file and multics systems interface investigation and programming, volume 1 Final report, 28 Jul. 1968 - 9 Jan. 1970	1970
19700086621	Block file and multics systems interface investigation and programming, volume 2 Final report, 28 Jul. 1968 - 9 Jan. 1970	1970
19700086622	Technological forecasting and simulation for program selection /Tefors/. Volume 3 - Programmer guide Final report, 24 Feb. 1969 - 15 Feb. 1970	1970
19700086623	Effects of impurities and lattice defects on nuclear magnetic relaxation in ionic crystals CaF ₂ , BaF ₂ and SrF ₂ Final scientific report	1970
19700086624	Special testing of thermocouple and thermistor microwave power meters Final report	1970
19700086625	Test and evaluation of the FN-27A automatic roll paper photographic easel /Miller- Holzwarth/ Final technical report	1970
19700086626	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700086627	Development of LP wave discrimination capability using LP strain instruments Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700086628	Evaluation of the ASB-100 HF-SSB communications equipment and HF communications antenna system in Army helicopter OH-23	1970
19700086629	Technological forecasting and simulation for program selection /Tefors/. Volume 2 - User guide Final report, 24 Feb. 1969 - 15 Feb. 1970	1970
19700086630	AN/SPS-49 klystron improvement program Final report	1970
19700086631	One-port and two-port closed resonant cavity systems Final report, Nov. 1967 - Feb. 1968	1970
19700086632	Computer, humidity-temperature CP-223C/UM	1970
19700086634	Performance and Stall Characteristics of an Afterburning Turbofan Engine with Steady-state Inlet-flow Distortion /U/	1970
19700086637	Orthogonal matrix guidance correlator /U/ Final report, 3 Jun. 1969 - 15 May 1970	1970
19700086640	Manufacturing technology for polybenzimidazole resin in composite structures. Volume 2 - Radome design, test and evaluation /U/ Final report, Nov. 1963 - Jul. 1969	1970
19700086655	Report of a survey of airborne moving target indicator radar systems /U/	1970
19700086663	Trapped radiation investigations - Diffusion and modulation of geomagnetically trapped particles Annual report, Dec. 1969 - Jan. 1970	1970
19700086664	Tropical propagation research ground,/air evaluation Technical report, May 1968 - Mar. 1969	1970
19700086665	Simulation of a short range missile with normal force control Interim report	1970
19700086666	Low cost inertial platform fabrication program Final technical report, 1 Apr. 1969 - 20 Jan. 1970	1970
19700086667	Experimental study of visual accommodation Final report, 29 Jul. 1969 - 30 Jul. 1970	1970
19700086668	Weather effects on Apollo/Saturn 5 operations - Apollo 4 through Apollo 13	1970
19700086669	Studies of spoiler aerodynamics	1970
19700086670	Air and space travel technology	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086671	Evaluation of accelerated life cycle test for lead-acid and nickel-cadmium aircraft batteries	1970
19700086672	AN/SPS-49 klystron improvement program Final monthly letter report	1970
19700086673	Instrumentation for predicting bearing damage Final report, 15 Jul. 1966 - 30 Nov. 1969	1970
19700086674	Determination of geocentric angular coordinates	1970
19700086675	Rotor-bearing dynamics design technology. Part 10 - Feasibility study of electromagnetic means to improve the stability of rotor-bearing systems Final report, 1 May 1967 - 1 Sep. 1968	1970
19700086676	Microelectronic PCM companded coder/decoder program Final report	1970
19700086677	Electroslag melted M-50 ausformed bearings Interim engineering report, 1 Jan. - 31 Mar. 1970	1970
19700086678	Development and testing of the electronic system of a magnetic disc storage device	1970
19700086680	Fracture characteristics of titanium alloys in air and sea-water environment	1970
19700086681	Collisions of the second kind in molecules	1970
19700086682	Development of high temperature fire and explosive suppression systems Final report, 1 Jul. 1968 - 21 Nov. 1969	1970
19700086683	Performance and modeling of a PCM channel at 15.3 GHz under varying weather conditions	1970
19700086684	Nuclear magnetic resonance spectroscopy - Quantitative analysis of ABL-705 multibase solvent using non-spin techniques	1970
19700086685	Verification tests of 50 MHz oscilloscope AN/USM-281A Final report	1970
19700086686	Instrumentation radar for the measurement of radar characteristics of chaff Final report	1970
19700086687	On determining the minimum number of elements for shipboard planar arrays Final report	1970
19700086688	Lubricant carriers for drawing alloyed and unalloyed steels	1970
19700086689	Project Themis - Metal deformation processing Semiannual report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700086690	Feasibility of glass-filament-wound plastics for Army rocket motor cases - The effects of indoor storage and outdoor weathering on Naval Ordnance Laboratory /NOL/ ring test specimens	1970
19700086691	Test and evaluation of the Leitz 6-inch f/2.8 aerial lens Final report	1970
19700086693	Two stage crimping dies for installing size 8, 4, and 110 electric connector contacts on wires Final report	1970
19700086694	Calculation of the Hugoniot states of iron using a finite strain elastic-plastic deformation theory	1970
19700086695	DM-1 data structuring and extraction for IPP-1 Final report, Nov. 1969 - Jan. 1970	1970
19700086696	Aerodynamic characteristics of a 0.008- scale space transportation system model at transonic speeds Final report, 20-25 Feb. 1970	1970
19700086697	Fluorescence of H ₂ CO excitation conditions and vibrational analysis	1970
19700086698	Estimated airloads and moments on the Aero 43M/LAU-37A reel-launcher installed on A-4 aircraft Final report	1970
19700086699	Infrared coherent detection techniques Final report, 15 Feb. - 31 Dec. 1969	1970
19700086700	A method for determining drag coefficients from observed position data	1970
19700086701	Space station program /MSFC-DRL-160 line item no. 2/ Monthly progress report, 1-30 Jun. 1970	1970
19700086703	Space station program /MSFC-DRL-160 line item no. 2/ Monthly progress report, 1-31 Dec. 1969	1970
19700086704	Space station program /MSFC-DRL-160 line item no. 2/ Monthly progress report 1-31 Jan. 1970	1970
19700086705	Directionally dependent tensor law for propagation of error	1970
19700086706	The gravity field of a homogeneous polygon	1970
19700086707	Overvoltage and surge-voltage detector for 28-volt dc electrical systems	1970
19700086708	Numerical aperture determination for optical fibers using plane wave illumination Technical report, 23 Apr. 1968 - 28 Feb. 1969	1970
19700086709	Fabrication of thermoplastics filled with discontinuous fibers by interfacial injection	1970
19700086710	Space station advanced logistics - System requirements	1970
19700086711	Solar-powered space station preliminary performance specification	1970
19700086712	Interference prediction model development - Intermodulation problems with multiple undesired transmitters	1970
19700086713	Investigation of radio receiver R-1051B/URR for the development of a spurious response model Final report	1970
19700086714	Evaluation of betalights containing tritium Radiological hygiene special study, Oct. 1969 - Feb. 1970	1970
19700086715	Preliminary studies of a horizontally polarized simulator Final report	1970
19700086716	Weksler gas thermometer master drawing approval tests	1970
19700086717	The 5-kilowatt, 1-kilovolt, laminated sonar transistor Interim engineering report, 1 Oct. - 31 Dec. 1969	1970
19700086718	Reliable integrated wire termination devices Semiannual report, Jul. 1969 - Feb. 1970	1970
19700086720	Project Themis - A center for remote testing Semiannual technical report, Sep. 1969 - Mar. 1970	1970
19700086721	Maintainability prediction and demonstration techniques. Volume 1 - Development of prediction techniques Interim report, Dec. 1967 - Dec. 1969	1970
19700086722	Maintainability prediction and demonstration techniques. Volume 2 - Maintainability demonstration Interim report, Dec. 1967 - Dec. 1969	1970
19700086723	Advancement of small gas turbine component technology advanced small axial compressor. Volume 2 - Test and redesign Final report	1970
19700086724	Technological forecasting and simulation for program selection tefors. Volume 1 - General information Final report, 24 Feb. 1969 - 15 Jan. 1970	1970
19700086725	Microwave solid state sources and integrated circuits - Report for FY 1969	1970
19700086726	Fabrication of radiation-resistant Al ₂ O ₃ MOSCIRCUITS Final report, 1 May - 31 Dec. 1969	1970
19700086727	Tube failure mechanisms Final report, 1 May 1968 - 30 Sep. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086728	VESIAC monthly bulletin of Vela Uniform research publications no. 86	1970
19700086729	Radiation from irregularly shaped devices	1970
19700086731	Development of whisker-reinforced light alloys	1970
19700086732	Measurements of peak power densities of a speckle pattern	1970
19700086733	Relationship of microstructure of glass fiber to strength Final report	1970
19700086735	Integrated solid-state microwave sources Quarterly progress report, 1 Jul. - 30 Sep. 1969	1970
19700086736	The effect of time and temperature on the mechanical behavior of epoxy composites. Part 2 - Mode of failure, yield stress and yield strain	1970
19700086737	Arecibo 430 MHz feed development study Annual report	1970
19700086739	Titanium powder metallurgy forgings, phase 3 Interim engineering progress report, 1 Oct. 1969 - 1 May 1970	1970
19700086740	A three-dimensional, point mass, air-launch missile trajectory simulation description	1970
19700086741	Low cost Nondestructive readout /NDRO/ aerospace memory Final report, 15 Aug. 1968 - 15 Mar. 1970	1970
19700086742	VESIAC monthly bulletin of Vela Uniform research publications no. 85	1970
19700086743	NH-3A vibratory airloads and vibratory rotor loads, volume 2 Final report	1970
19700086744	Instrumentation for evaluating effects of plume contamination on optical properties of spacecraft surfaces Final report, May - 21 Dec. 1968	1970
19700086745	Research on indium arsenide-antimonide detector material Final technical report, 30 Sep. 1968 - 31 Oct. 1969	1970
19700086746	Solar cell neutron damage investigation Final report, 1 Oct. 1968 - 6 Feb. 1970	1970
19700086747	Improving reliability and maintainability of sonar transducers Final summary technical report	1970
19700086748	Investigation of 10.6 micron propagation phenomena Semiannual technical report, Jul. 1969 - Jan. 1970	1970
19700086749	Integrated high-frequency antenna system, phase 2 study Final engineering report, 22 May 1969 - 13 Mar. 1970	1970
19700086750	Analysis of polymers by pyrolytic gas chromatography	1970
19700086751	Review of recent developments - Corrosion and compatibility	1970
19700086752	Cavitation and droplet impingement damage of aircraft rain erosion materials	1970
19700086753	Review of recent developments. Mechanical properties of metals	1970
19700086754	Planetary mission concept /partial phase A definition/. Volume 1 - Synthesis of planetary program /MSFC-DRL-160 line item 21/	1970
19700086755	Planetary mission concept /partial phase A definition/. Volume 2 - Planetary mission module configuration analysis /MSFC-DRL-160 line item 21/	1970
19700086756	Planetary mission concept /partial phase A definition/. Volume 3 - Planetary mission module subsystem requirements /MSFC-DRL-160 line item 21/	1970
19700086757	Planetary mission concept /partial phase A definition/. Volume 4 - Planetary mission module/space station impact analysis /MSFC-DRL-160 line item 21/	1970
19700086758	Planetary mission concept /partial phase A definition/. Volume 5 - Planning data /MSFC-DRL-160 line item 21/	1970
19700086759	Phase C/D program requirements plans. Volume 2 - Experiment module program requirements plans /MSFC-DRL-160 line item 6/	1970
19700086760	Space station program definition. Summary /MFSC-DRL-160 line item 8/	1970
19700086761	Space station definition. Volume 1 - Experiment support requirements analysis /MSFC-DRL-160 line item 8/	1970
19700086762	Space station definition. Volume 2 - Mission analysis /MSFC-DRL-160 line item 8/	1970
19700086763	Space station definition. Volume 3 - Analysis operations /MSFC-DRL-160 line item 8/	1970
19700086764	Space station phase B definition study Progress report, May 1970	1970
19700086765	Space station program phase C/D - Prelaunch and launch operations plan	1970
19700086766	Space station program phase C/D - Program management plan	1970
19700086767	Space station program phase C/D - Experiment integration plan	1970
19700086768	Skylab program utilization plan	1970
19700086769	Vigilance - Factors influencing detection and monitoring performance Annual progress report, 1 Jun. 1969 - 31 May 1970	1970
19700086770	Sampling tests of 20, type NS18045-42, lead-acid aircraft batteries manufactured by Teledyne, Incorporated, Gill Electric Division Final report	1970
19700086771	NH-3A vibratory airloads and vibratory rotor loads, volume 1 Final report	1970
19700086772	High resolution acoustic antenna Final report	1970
19700086773	Ground effects and static stability characteristics of a space transportation booster model at Mach numbers from 0.3 to 0.9 Final report	1970
19700086774	Space station program phase C/D - Test plan	1970
19700086775	Space station program phase C/D - System safety plan	1970
19700086776	Space station program phase C/D - Reliability program plan	1970
19700086777	Space station program phase C/D - Quality program plan	1970
19700086778	Space station program supporting research and technology plan	1970
19700086779	Space station initial logistics system concept	1970
19700086780	Space station mission operations support systems preliminary performance specification	1970
19700086781	Space station crew operations definition	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086782	Special emphasis tasks Quarterly summary report, 13 Mar. - 15 Jul. 1970	1970
19700086783	Planetary mission concept	1970
19700086784	Space station definition. Volume 4 - Configuration analysis /MSFC-DRL-160 line item 8/	1970
19700086785	Space station definition. Volume 5 - Subsystems. Book 1 - Electrical power /MSFC-DRL-160 line item 8/	1970
19700086786	Space station definition. Volume 5 - Subsystems. Book 1 - Electrical power, appendixes A-J /MSFC-DRL-160 line item 8/	1970
19700086787	Space station definition. Volume 5 - Subsystems. Book 2 - Crew systems /MFC-DRL-160 line item 8/	1970
19700086788	Space station definition. Volume 5 - Subsystems. Book 2 - Crew systems, appendixes A-L /MSFC-DRL-160 line item 8/	1970
19700086789	Space station phase B definition study Progress report, Feb. 1970	1970
19700086790	Solar-powered space station mass properties	1970
19700086791	Solar-powered space station ground support equipment and facilities definition	1970
19700086792	Solar-powered space station preliminary performance specification, appendixes	1970
19700086793	Solar-powered space station artificial gravity system preliminary performance specification	1970
19700086794	Space base and planetary mission module cost and schedules	1970
19700086795	Engineering analysis and mathematical investigation of analog/digital linkage	1970
19700086796	The effects of the air-earth interface on the propagation constants of a buried insulated conductor	1970
19700086797	Experimental underwater acoustic imaging system Technical operating manual, 18 Apr. 1969 - 17 Apr. 1970	1970
19700086798	Thermal control of pod-mounted electronic systems. Volume 1, part 1 - Technical summary Final technical report, Oct. 1968 - Oct. 1969	1970
19700086799	Acoustical holography applied to moving systems	1970
19700086800	Space Station Definition. Volume 5 - Subsystems. Book 4 - Electronics /MSFC-DRL-160 Line Item 8/	1970
19700086801	Space station definition. Volume 5 - Subsystems. Book 4 - Electronics, appendixes A-D /MSFC-DRL-160 line item 8/	1970
19700086802	Space station definition. Volume 5 - Subsystems. Book 5 - Utility services, appendixes A and B /MSFC-DRL-160 line item 8/	1970
19700086803	Development of an instrument for the analysis of atmospheric and organic surface composition for planetary exploration Final report	1970
19700086804	Lognormal parameter estimation from censored data	1970
19700086806	Evaluation of prototype laser range finder and instrumentation laser, main battle tank-70, engineering design tests Aberdeen Proving Ground, Maryland 21005 Radiation protection special study, Aug. 1969 - Jan. 1970	1970
19700086807	Velocity requirements for the deployment of coplanar, multiple satellite systems	1970
19700086808	Tactical Photographic Image Transmission Subsystem /TAPITS/ Final report	1970
19700086809	Space station definition. Volume 5 - Subsystems. Book 5 - Utility services /MSFC-DRL-160 line item 8/	1970
19700086810	Space station definition. Volume 5 - Subsystems. Book 6 - Mechanical /MSFC-DRL-160 line item 8/	1970
19700086811	Space station definition. Volume 6 - Payload accommodation and integration /MSFC-DRL-160 line item 8/	1970
19700086812	Space station definition. Volume 6 - Payload accommodation and integration, appendixes A-H /MSFC-DRL-160 line item 8/	1970
19700086813	Space station definition. Volume 7 - Experiment modules /MSFC-DRL-160 line item 8/	1970
19700086814	GSE and facilities definition /MSFC-DRL-160 line item 10/	1970
19700086815	Space station definition. Volume 8 - Expanded capability space station study /MSFC-DRL-160 line item 8/	1970
19700086816	Space station definition. Volume 7 - Experiment modules, appendixes B and C /MSFC-DRL-160 line item 8/	1970
19700086817	Space station definition. Volume 7 - Experiment modules, appendix A /MSFC-DRL-160 line item 8/	1970
19700086818	Space station definition. Volume 7 - Experiment modules, addendum /MSFC-DRL-160 line item 8/	1970
19700086819	Space base definition, volume 1	1970
19700086820	Space base definition, volume 2	1970
19700086821	Space base definition. Volume 3 - Appendixes	1970
19700086822	Space flight equipment end item design sheets /MSFC-DRL-160 line item 11/	1970
19700086823	Microwave parametric amplifier Interim technical report, 28 Aug. - 27 Nov. 1969	1970
19700086824	An application of time and space variant boundary conditions to an electrical analog of two-dimensional heat transfer	1970
19700086825	Airfield pavement evaluation report, USNAS Guantanamo Bay, Cuba	1970
19700086826	General systems science. Part 3 - Illustrating the technical methodologies for fairly well-defined systems problems Final report, Apr. 1969 - Apr. 1970	1970
19700086827	GSE, facility, and direct support real property installed equipment design sheets /MSFC-DRL-160 line item 12/	1970
19700086828	Preliminary systems design data. Volume 1 - Space station preliminary design. Book 1 - Electrical power /MSFC-DRL-160 line item 13/	1970
19700086829	Static-force tests on a recoverable space shuttle vehicle at Mach number 10	1970
19700086832	Technical evaluation of VHF antenna diplexers Final report	1970
19700086833	Model for radar tracking response to an aircraft dispensing chaff	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086834	Space base concept data /phase A definition/. Volume 6 - Evaluation of development effort /MSFC-DRL-160 line item 14/	1970
19700086835	Space base concept data /phase A definition/. Volume 4 - Alternate buildup concepts /MSFC-DRL-160 line item 14/	1970
19700086836	Space base concept data /phase A definition/. Volume 3 - Space base subsystem requirements /MSFC-DRL-160 line item 14/	1970
19700086837	Space base concept data /phase A definition/. Volume 2 - Space base configuration analysis /MSFC-DRL-160 line item 14/	1970
19700086838	Space base concept data /phase A definition/. Volume 1 - Space base capabilities /MSFC-DRL-160 line item 14/	1970
19700086839	Preliminary systems design data. Volume 3 - Supporting analyses. Book 2 - Special missions /MSFC-DRL-160 line item 13/	1970
19700086840	Preliminary systems design data. Volume 2 - Preliminary design of experiment modules. Book 2 - Design /MSFC-DRL-160 line item 13/	1970
19700086841	Preliminary systems design data. Volume 2 - Preliminary design of experiment modules. Book 1 - Summary /MSFC-DRL-160 line item 13/	1970
19700086842	Preliminary systems design data. Volume 1 - Space station preliminary design. Book 5 - Structural/mechanical /MSFC-DRL-160 line item 13/	1970
19700086843	Preliminary systems design data. Volume 1 - Space station preliminary design. Book 3 - Crew systems /MSFC-DRL-160 line item 13/	1970
19700086844	Preliminary systems design data. Volume 1 - space station preliminary design. Book 2 - Electronics /MSFC-DRL-160 line item 13/	1970
19700086846	Space station program development definition. Volume 4 - Integrated SRT plan /MSFC-DRL-160 line item 18/	1970
19700086847	Space station program development definition. Volume 3 - Software requirements document /MSFC-DRL-160 line item 18/	1970
19700086848	Space station program development definition. Volume 1 - Program and project specifications. Book 1 - Program specifications /MSFC-DRL-160 line item 18/	1970
19700086849	Space station mass property. Phase B definition /DRL line item no. 17/ Status report	1970
19700086850	Nuclear flight system definition study, phase 2. Volume 1 - Summary Final report	1970
19700086851	Nuclear flight system definition study, phase 2. Volume 2 - System evaluation and capability Final report	1970
19700086852	Nuclear flight system definition study, phase 2 volume 3 - System definition /requirements and system analysis/ Final report	1970
19700086853	Nuclear flight system definition study, phase 2. Volume 4 - System definition /subsystem/ Final report	1970
19700086854	Nuclear flight system definition study, phase 2. Volume 5 - Program operations and definition Final report	1970
19700086855	Nuclear flight system definition study, phase 2. Volume 6 - Supporting research and technology Final report	1970
19700086856	Space station special emphasis tasks summary /MSFC-DRL-160 line item 20/	1970
19700086857	Preliminary performance specifications. Volume 3 - Performance/design and product configuration requirements for space station GSE and facilities, and experiment module GSE and facilities /MSFC-DRL-160 line item 19/	1970
19700086858	Preliminary performance specifications. Volume 2 - Performance/design and product configuration requirements for experiment module number 5 and experiment module number 4 /MSFC-DRL-160 line item 19/	1970
19700086859	Preliminary performance specifications. Volume 1 - Performance/design and product configuration requirements for space station module, space station test articles, and nose cone system /MSFC-DRL-160 line item 19/	1970
19700086860	Effects of high intensity thermal radiation on infrared detector tubes Progress report	1970
19700086861	Technical evaluation of the remoting equipment for radar set AN/FPN-52 Final report	1970
19700086862	Space station special emphasis task report /MSFC-DRL-160 line item no. 20/ Quarterly report	1970
19700086864	The continuation of analytical and experimental investigation of aircraft arresting-gear purchase cable Final report, 8 Apr. 1969 - 7 Apr. 1970	1970
19700086865	Cell capacities and life cycling capabilities versus storage time and temperature sealed silver secondary cells	1970
19700086866	The effect of thermal treatment on the interface strength in graphite/polycarbonate composites	1970
19700086867	Thermal control of pod-mounted electronic systems. Volume 2 - A computer program for optimization of airborne cooling systems /AIRSCOPE/ Final technical report, Oct. 1968 - Oct. 1969	1970
19700086869	Preliminary systems design data. Volume 1 - Space station preliminary design. Book 4 - Utility services /MSFC-DRL-160 line item 13/	1970
19700086870	The effect of time and temperature on the mechanical behavior of epoxy composites. Part 1 - Tangent modulus and stress relaxation	1970
19700086872	Design and test of a modular scintillation detector system	1970
19700086873	TF41-A-1 engine, sea level and altitude performance evaluation	1970
19700086874	Airfield pavement evaluation, USNAS Kingsville, Texas Technical note, Sep. - Nov. 1968	1970
19700086875	Mass properties data /MSFC-DRL-160 line item 17/	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086876	Space station mass property. Phase B definition /DRL line item no. 17/ Status report	1970
19700086877	Advanced logistics system requirements /partial phase A study/ /MSFC-DRL-160 line item 16/	1970
19700086878	Space base concept data /phase A definition/. Volume 8 - Budgetary and planning costs and schedules /MSFC-DRL-160 line item 14/	1970
19700086879	Space base concept data /phase A definition/. Volume 7 - Space base technology requirements /MSFC-DRL-160 line item 14/	1970
19700086880	Preliminary systems design data. Volume 3 - Supporting analyses. Book 3 - Forty-eight- hour analysis /MSFC-DRL-160 line item 13/	1970
19700086881	Solar-powered space station definition. Volume 1 - Summary	1970
19700086882	Solar-powered space station definition. Volume 2 - Mission operations and payloads analysis. Part 1 - Experiment support requirements and mode selection analysis	1970
19700086883	Solar-powered space station definition. Volume 3 - Subsystem definition. Part 1 - Environmental control and life support	1970
19700086884	Solar-powered space station definition. Volume 3 - Subsystem definition. Part 2 - Electrical power	1970
19700086885	Solar-powered space station definition. Volume 3 - Subsystem definition. Part 3 - Guidance and control and reaction control subsystems	1970
19700086886	Solar-powered space station definition. Volume 3 - Subsystem definition. Part 4 - Information subsystem	1970
19700086887	Solar-powered space station definition. Volume 5 - Preliminary definition of experiment modules	1970
19700086896	Advanced Engine Aerospike Experimental Investigation. Thrust Chamber Performance Number 2 Program - Tapoff Investigation /U/ Final Report	1970
19700086897	Design, fabrication, development and test of a satellite video recorder/reproducer. Volume 1 - Recorder program Quarterly report, 31 Oct. 1969 - 31 Jan. 1970	1970
19700086898	Design, fabrication, development and test of a satellite video recorder/reproducer. Volume 2 - Multiplexer study Quarterly report, 31 Oct. 1969 - 31 Jan. 1970	1970
19700086899	SACCAP /Sandia Corporation Circuit Analysis Program/ IBM 7090/94 user's guide	1970
19700086900	Preliminary investigation of handling qualities requirements for lifting re-entry vehicles Final report	1970
19700086901	Integrated function /CNI/ waveform design, volume 3 Final technical report, 17 Feb. - 17 Oct. 1969	1970
19700086902	Production engineering of ferrite powder by fluid bed technique Final report, Jul. 1967 - Jan. 1970	1970
19700086903	IMP-I dual swept frequency radiometer system Final report	1970
19700086904	The development/acquisition of the AN/USC-24 and AN/USC-25, group /48 KHz/ and supergroup /240 KHz/ wideband modems Final report	1970
19700086905	Establishment of a manufacturing process for infrared glass windows Interim engineering progress report, 1 Apr. - 30 Jun. 1970	1970
19700086906	The interdigital array as a boundary value problem Interim report	1970
19700086907	Design of an arbitrary waveform function generator	1970
19700086908	Itek 3002 viewer/printer Final report, Jun. 1969 - 6 Feb. 1970	1970
19700086909	Design and development of the J52-P-408 engine Final engineering report, 21 Feb. 1969 - 15 May 1970	1970
19700086910	Sampling tests of one, type MS90365-2, nickel-cadmium aircraft battery manufactured by Marathon Battery Company Final report	1970
19700086914	Dual mode lunar roving vehicle - Preliminary design study. Volume 5 - Mission operations Final report	1970
19700086916	Study and design of an ejection system for VTOL aircraft, part 2. Volume 1 - Escape seat system concept analysis Final report, Apr. 1969 - Apr. 1970	1970
19700086917	A comparison of wet and dry stopping distances on several runway surfaces using an aircraft and a diagonal-braked automobile Interim report	1970
19700086918	A preliminary comparison of the anti-jam characteristics of several radio repeaters - A digital simulation	1970
19700086919	A high-speed cascade fast Fourier transformer	1970
19700086920	Receiver Operating Characteristics /ROC/ curves for the sum of independently fading signals	1970
19700086921	Electrochemistry of interhalogen cathodes Final report, 21 Apr. 1969 - 21 Mar. 1970	1970
19700086922	Modified method of evaluating the properties of anticorrosive lubricating and hydraulic oils	1970
19700086923	Analysis of predicted maximum usable frequency and maximum observed frequency over a Guam-to-Australia transequatorial path	1970
19700086924	Variability of ballistic winds	1970
19700086925	Experimental underwater acoustic imaging system Final engineering report, 18 Apr. 1969 - 17 Apr. 1970	1970
19700086926	An experimental investigation of a transverse jet ejecting from a flat plate into a subsonic free stream	1970
19700086927	NORSAR Data Center study Final report, 23 Mar. - 30 Jun. 1970	1970
19700086928	Research and development programs Quarterly report, Apr. - Jun. 1970	1970
19700086929	Stress intensity factors for surface flawed fracture specimens Quarterly status report	1970
19700086930	FADAP summary file retrieval program - User's manual Final report	1970
19700086931	A study of V/STOL ground-based simulation techniques Final report, 1 Feb. 1968 - 1 Jan. 1970	1970
19700086932	Testing of a cryogenic propellant subsystem in a simulated space environment	1970
19700086934	Fluieric air data converter, phase 2 Final report, 1969 - 1970	1970
19700086935	Radiation effects on quartz oscillator crystals, addendum	1970
19700086936	Balloon-supported long wire antenna system	1970
19700086937	C-5A category 1 test procedure. Fatigue test - Boron leading edge slat	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086938	Manufacturing techniques for application of erosion resistant coatings to turbine engine compressor components Final report, 1 Apr. 1968 - 30 Dec. 1969	1970
19700086939	Surveillance evaluation report on Rocket Motor Igniter Mk 200 Mod 0 /Terrier/	1970
19700086940	Thermomechanical properties of a graphite- phenolic composite	1970
19700086941	Statistical review of counting accelerometer data for Navy and Marine fleet aircraft from 1 January 1962 - 1 January 1970 Final summary report	1970
19700086942	Development of an air density measuring instrument Final report	1970
19700086943	Flotation as a technique for testing low-level accelerometers in the earth's gravitational field Summary report	1970
19700086945	Analog computer - Commodity service test procedure Final report	1970
19700086946	Development of linear power tubes Final report, 17 Nov. 1966 - 31 Mar. 1970	1970
19700086947	Research and analysis in fluidic control system technology Final technical report, 19 Nov. 1968 - 18 Nov. 1969	1970
19700086948	Technical evaluation of radar test set TS-147F/UP Final report, 26 Jan. - 30 Apr. 1970	1970
19700086949	FADAP standard report writer program - User's manual Final report	1970
19700086950	Spectral analysis on an IBM 1130 using the fast Fourier transform	1970
19700086951	Numerical evaluation of electromagnetic pulse propagation over ground Final technical report, 12 Mar. 1969 - 13 Mar. 1970	1970
19700086952	Research, development, and design of a breadboard fuel conditioner sized for a 1.5-kW fuel cell system Final report, 6 Apr. 1969 - 4 Feb. 1970	1970
19700086953	Large-signal characteristics of avalanche- diode oscillators Final technical report	1970
19700086956	Production engineering measure for a 25 kW X-band traveling-wave tube Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700086957	Helmets /aviation/ Final report	1970
19700086958	San Diego-to-Key West HF test Research and development report, Sep. - Nov. 1969	1970
19700086959	Lights, runway Final report	1970
19700086960	A 30/60-day E-cell timer Final report	1970
19700086961	Liquid propellant positive expulsion rolling diaphragm type	1970
19700086962	Improving strip-line packages by the use of bonding techniques	1970
19700086963	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Feb. - 30 Apr. 1970	1970
19700086964	KT2 gyro-theodolite /Otto Fennel G.M.B.H. and Company/ Final test report, 19 Feb. - 2 May 1969	1970
19700086965	Spectrum utilization characteristics of FM telemetry transmitter conic model CTM-UHF-305CA	1970
19700086966	Simulation of the heat-affected zone in titanium alloys Research and development report	1970
19700086967	Estimated airloads and moments on the aero 43M/LAU-37A reel-launcher installed on F-4 aircraft Final report	1970
19700086968	Tracking of 2.75 inch rockets with a laser ranger/tracker system	1970
19700086969	Exhaust nozzle characteristics of a Pratt and Whitney aircraft TF30-P-8 turbofan engine at simulated flight conditions Final report	1970
19700086970	Exploration and development of a 3.2 millimeter wave magnetron for helicopter service, phase 1 Quarterly engineering report, 11 Mar. - 11 Jun. 1970	1970
19700086971	Effects of interlaminar shear on the bending and buckling of laminated beams Final report	1970
19700086972	Precision 2.0X enlarging printer	1970
19700086973	Feedback control of VTOL aircraft Final report	1970
19700086974	Photogrammetric applications to field artillery	1970
19700086975	First article test of UHF beacon AN/TRN-33 Final report	1970
19700086976	Analysis of in-flight ejecta from photography of a 100-ton TNT detonation on granite	1970
19700086977	Spectrum utilization characteristics of FM telemetry transmitter, microcom model T-55 /K62544/	1970
19700086978	Spectrum utilization characteristics of FM telemetry transmitter ITT Federal Laboratory model DWG 551 2025	1970
19700086979	Radiography using direct print recording oscillograph paper Final report, Apr. 1968 - Jan. 1970	1970
19700086980	Physical properties of solids at high pressures Final scientific report	1970
19700086981	Evaluation of low and high viscosity polysulfide sealants and RTV silicone sealants for hydrolytic stability Progress report	1970
19700086982	Flight evaluation of the improved CH-53A Engine Air Particle Separator /EAPS/ Final report	1970
19700086983	Rapid photographic processing techniques for inflight data transmission Final engineering report	1970
19700086984	Wind tunnel tests of reusable space shuttle vehicles at hypersonic speeds Final report, 14-21 Jan. 1970	1970
19700086985	Qualification tests of two, type MS90377-1, nickel-cadmium aircraft batteries manufactured by Gulton Industries Final report	1970
19700086986	Spectrum utilization characteristics of VHF telemetry transmitter system, Raytheon, model RAP-1-16, OA-1207	1970
19700086987	Acoustic surface wave attenuation calculations	1970
19700086988	Development of a laser velocimeter to be used in AEDC wind tunnels Summary report	1970
19700086989	Dynamic stability characteristics of 3 and 5- cal Army-Navy spinner projectiles at Mach numbers 0.2 through 1.3 Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700086990	Semantic encoding and inferential retrieval. A new method for storage and retrieval of unstructured verbal data	1970
19700086991	Technical photography of a 100-ton TNT detonation on granite, mineral rock event	1970
19700086992	Evaluation of support equipment change number 14879 Modification of NHS-1 portable hydraulic power supply cart Vickers P/N 917067 Interim report	1970
19700086994	Missileborne optical receivers and transmitters Final report	1970
19700086995	Drone guidance, control, tracking, and plotting components Final report	1970
19700086996	Manufacturing methods for producing large diameter close tolerance superalloy castings Interim engineering progress report, 1 Feb. - 30 Apr. 1970	1970
19700086997	Drone aircraft Final report	1970
19700086998	Combustion-gas sampling system Final report, 1 May - 31 Dec. 1969	1970
19700086999	Production engineering measure for submarine high reliability ceramic capacitors Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700087000	Water operations and overland braking test report of air cushion landing system LA-4 Final technical documentary report, 4 Aug. - 14 Nov. 1969	1970
19700087001	The FT-15 /first look/ sensor system for detection and identification of general purpose force equipment	1970
19700087002	Enlargement methods for Direct Readout Infrared /DRIR/ picture products Final report	1970
19700087003	Microwave instantaneous frequency indication receiver Quarterly report, Jan. - Mar. 1970	1970
19700087004	Transient acceleration of transmural water flow by inhibition of sodium transport in turtle bladder	1970
19700087005	Advanced composite engine development program, part 1 Interim summary report, 1 Apr. 1969 - 1 Mar. 1970	1970
19700087006	Advanced composite engine development program, part 2 Interim summary report, 1 Apr. 1969 - 1 Mar. 1970	1970
19700087007	The 300 C rotating rectifier alternator. Phase 2 - Design, fabrication, and test of alternator Interim technical report, 16 Feb. - 15 May 1970	1970
19700087008	An annotated bibliography of the thermal properties of primary and secondary cells	1970
19700087010	Asymmetrical microstrip IC structures Interim development report, 7 Feb. - 7 May 1970	1970
19700087011	Statistical discrimination Quarterly report, 1 Dec. 1969 - 31 Mar. 1970	1970
19700087012	Radar waveform evaluator Final technical report, Mar. 1969 - Feb. 1970	1970
19700087013	Zinc rich organic coating systems exposed to a marine atmosphere Technical note, Jul. 1966 - Oct. 1969	1970
19700087014	Extended experimental studies of the pseudo-blade propulsor for marine vehicles Final report, 1 Jul. 1966 - 15 Nov. 1969	1970
19700087015	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors Quarterly report, 13 Dec. 1969 - 13 Mar. 1970	1970
19700087016	Microwave solid-state device studies Quarterly progress report, 1 Dec. 1969 - 1 Mar. 1970	1970
19700087017	VESIAC monthly bulletin of Vela Uniform research publications	1970
19700087018	A statistical switch learning machine implemented with integrated circuits Technical report, Aug. 1968 - Feb. 1969	1970
19700087019	Fatigue, tensile and creep properties of 17-7 PH TH 1050 and AM 350 SCT sheet Final report, Nov. 1966 - Sep. 1969	1970
19700087020	High energy upper stage motor program. Volume 3 - Analysis, task 3 Final report	1970
19700087021	Pilot selection by psychological methods	1970
19700087022	Development program for boron leading edge slat for C-5A aircraft Final report	1970
19700087023	An investigation of techniques of oculometer target position measurement in real-time displays Final technical report, Feb. 1969 - Feb. 1970	1970
19700087024	The effect of long preheat time and flame-cut weld preparations on HY-130 weldments Research and development report	1970
19700087025	Definition of design criteria for energy absorption systems Final report, 20 Oct. 1969 - 1 May 1970	1970
19700087026	UHF electronically tuned receiver front end Final report, 15 Apr. 1969 - 15 Apr. 1970	1970
19700087027	Studies of gas-solid interactions using a modulated beam mass spectrometer Quarterly report	1970
19700087028	Investigation of advanced filament wound aircraft landing gear structures Final technical report, Jun. 1967 - Jun. 1969	1970
19700087029	High pressure ratio centrifugal compressor program Quarterly technical progress report, 1 Feb. - 30 Apr. 1970	1970
19700087030	Integrated function /CNI/ waveform design, volume 1 Final technical report, 17 Feb. - 17 Oct. 1969	1970
19700087031	X-22A tri-service V/STOL aircraft Final progress report, Apr. - Dec. 1969	1970
19700087032	A guide to the technical literature of oceanography - An annotated bibliography	1970
19700087033	Effects of ultrahigh pressures on explosives Final technical report	1970
19700087034	The use of range/range fixing as a position datum and for updating data from an inertial navigation system Interim report	1970
19700087035	Evaluation of a technique for measuring electro-magnetic pulse induced cable currents Technical report, 26 Sep. - 10 Oct. 1969	1970
19700087036	Lithium doped hardened solar cell optimization. Part 1 - Solar cell and test equipment development Final technical report, 1 Dec. 1967 - 1 May 1970	1970
19700087037	Computer generated root locus plots. User-programmer's manual	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087038	Motion, visual and aural cues in piloted flight simulation	1970
19700087039	High energy upper stage motor program. Volume 1 - Top summary Final report	1970
19700087040	Flight report for Delta vehicle S/N 20016, Delta program mission no. 78. Spacecraft Intelsat 3-G	1970
19700087041	High energy upper stage motor program. Volume 2 - System selection, task 1, detailed design, task 2 Final report	1970
19700087042	High energy upper stage motor program. Volume 4 - Verification test program, task 4, reliability, task 5, toxicity and safety, task 6, management support, task 7 Final report	1970
19700087043	Effect of p-nitrophenyl phosphate on the short-circuiting current in the turtle bladder	1970
19700087044	Integrated earth observation systems studies. Volume 1 - General guidelines, future earth observatory satellite studies	1970
19700087045	First article testing of VF-MF antenna coupler CU-1931/URR Final report	1970
19700087046	TF41-A-1 engine transient performance Final report	1970
19700087047	Qualification of MIL-L-23699B aircraft turbine engine candidate oil, Drew STO 6530 Final report	1970
19700087048	Feasibility evaluation of the automatic phasing device for use with the TSEC/KW-7	1970
19700087049	Studies of aerial cone penetrometer. Report 4 - Impact velocity-impact force investigations, 1968	1970
19700087050	Evaluation of explosives storage safety criteria Final report, 1 Jul. 1969 - 28 Feb. 1970	1970
19700087051	Investigation of contact retention system and moisture resistance capabilities of astro/348 connectors Final report	1970
19700087052	Technical evaluation of RIFI measuring set model NM-52 Final report	1970
19700087053	Normal force on fin-flare combinations at Mach numbers from 1.1 to 4.5	1970
19700087054	Meteorological equipment, wind measuring, surface Final report	1970
19700087055	Study for electrochromic storage device, phase 1 Final report, 3 Oct. 1969 - 2 Apr. 1970	1970
19700087056	Silicon nitride manufacturing process Final technical report, 1 Jul. 1968 - 30 Aug. 1969	1970
19700087057	The 50 watt, 76 MHz high power radiation resistant PEM transistor Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700087058	Mean density and temperature data in wakes of hypersonic spheres	1970
19700087059	Frequency analysis using an analog computer Technical report, Dec. 1969 - May 1970	1970
19700087060	Study designed to demonstrate feasibility of making in-situ measurements of the long wave infrared radiation from specimens exposed to a pulsed radiation environment Interim report, 1 Jul. 1969 - 31 Mar. 1970	1970
19700087061	Modular solid state modulator development Interim development report, 2 Jan. - 2 Apr. 1970	1970
19700087062	Manufacturing methods and technology for processing cobalt-samarium magnets Interim technical report, 15 Nov. 1969 - 15 Feb. 1970	1970
19700087063	Ursadyn - A components system for assembling single-purpose computers	1970
19700087064	Microwave antenna facility Research and development report	1970
19700087065	Integrated circuit techniques for display Quarterly report, 2 Sep. - 1 Dec. 1969	1970
19700087066	Metals joining - review of recent developments	1970
19700087067	Electronic parts screening	1970
19700087068	Thermo-mechanical strengthening of high-strength titanium alloys Summary technical report, Dec. 1968 - Dec. 1969	1970
19700087069	High performance fuel cell Final technical report, 1 Jul. 1966 - 28 Feb. 1970	1970
19700087072	Research to investigate fundamental magnetic interactions in selected materials Technical report, 1 Jan. 1968 - 31 Dec. 1969	1970
19700087073	The effect of oxygen partial pressure on the friction and wear of nickel on copper	1970
19700087074	Production engineering measure. Solid encapsulated semiconductor devices Quarterly progress report, 1 Jan. - 1 Apr. 1970	1970
19700087075	Development of round cross-section cellulose fibers for evaluation as graphite yarn precursors Technical report, 1 Apr. 1969 - 31 Jan. 1970	1970
19700087076	Application of methods common to elementary particle physics and many-body problems Final report, May 1969 - May 1970	1970
19700087077	Manufacturing methods for high performance polyethylene battery separators Interim engineering progress report, 1 Mar. - 31 May 1970	1970
19700087078	Integrated regenerative fuel cell investigation Final technical report, 2 Jan. - 2 May 1970	1970
19700087079	A study of using multiple nonlinear regression analysis for acoustical modelling	1970
19700087080	A Nuclear Electromagnetic Pulse /NEMP/ and light flash sensor Final report, Jul. 1963 - Jul. 1969	1970
19700087081	Development and construction of an advanced development model of computer-indicator Radiac CP-696/XE-1//UD Final report, 19 Jun. 1964 - 28 Jun. 1968	1970
19700087082	Investigation to determine the feasibility of detecting impending metal fatigue failure through use of an inductive sensing device Final technical report	1970
19700087083	Optical spatial filter analysis Final technical report, May - Dec. 1969	1970
19700087086	Photographic records of the rupture of a rotating water column and measurements of tensile strength in water by the centrifuge method, apparatus and first results	1970
19700087087	Fabrication process for oxidation resistant diboride materials Interim technical report	1970
19700087088	Low band-gap junction detector Semiannual progress report, 20 Jun. 1969 - 20 Jan. 1970	1970
19700087089	Cepstra of transmission modes of linear FM active sonar Quarterly letter report, 5 Apr. - 5 Jul. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087090	Slotted metallic RF window investigation Final report, Apr. - Dec. 1969	1970
19700087091	Advanced composite wing structures Stability analysis of advanced filamentary composite panels	1970
19700087092	On the optimum proportioning of stiffened circular curved plates and shells for axial compression loading Final report	1970
19700087093	LSI correlator Quarterly report, 1 Mar. - 31 May 1970	1970
19700087094	Evaluation of methods to predict flutter of wings with external stores Final report, Jun. 1968 - Feb. 1969	1970
19700087095	Lightning susceptibility of HH-43B helicopter blades	1970
19700087096	Space Transportation System /STS/ study - Technical evaluation Final report, Feb. - Apr. 1970	1970
19700087097	Engineering description of TAPP-VIA	1970
19700087098	User's guide for the A-196 stand-alone programs	1970
19700087099	The 18 IRIG Mod B 0420 series Final report, Aug. 1968 - May 1970	1970
19700087100	Inertial components reliability and population statistics, report 5	1970
19700087101	Collaborative research in cardiovascular dynamics and bone elasticity Progress report, 21 Nov. 1969 - 31 Mar. 1970	1970
19700087102	Warm-fog dissipation, heat-source program, Fort Rucker, Alabama, April 1969	1970
19700087103	Production engineering measure for hybrid quartz filters 10 MHz to 30 MHz Quarterly progress report, 24 Dec. 1969 - 23 Mar. 1970	1970
19700087104	Construction of an integrated system for processing topographic data /Topsys/	1970
19700087105	Investigation of the uniformity of compilation in the 1-200,000 general topographic chart	1970
19700087106	High-efficiency ion lasers	1970
19700087107	Avalanche diode amplifier Interim technical report, 15 Jun. 1969 - 1 May 1970	1970
19700087108	Force tests on a separable-nose crew escape capsule in proximity to the parent fuselage with cold flow rocket plume simulation at Mach numbers 0.3 through 1.2 Final report	1970
19700087109	Heat-transfer tests of a Multipurpose Reusable Spacecraft /MRS/ model at Mach number 10 Final report	1970
19700087111	CH-47C airworthiness qualification substantiation. Volume 1 - Strength summary, component lives and operating restrictions. Volume 2 - Detail specification compliance Final report	1970
19700087112	A computer program to evaluate the electric field at the image of an optical system	1970
19700087113	Manufacturing methods for bipolar micromosaic TM large scale integrated circuits Interim engineering progress report, 1 Feb. - 30 Apr. 1970	1970
19700087114	Fighter aircraft voice recorder and airborne recorder/reproducer Final technical report, 15 Oct. 1968 - 20 Feb. 1970	1970
19700087115	Spectrum utilization characteristics of FM telemetry transmitter, vector, model T 102 S	1970
19700087117	Charged droplet electrostatic thruster systems Technical report, 1 Jan. 1969 - 30 Jan. 1970	1970
19700087118	Advanced fuel systems for ramjet-powered vehicles. Fuel system simulator design and special test equipment for fuel system simulator Summary report, 30 Jun. - 30 Nov. 1969	1970
19700087119	Results of AS-508 facilities and environmental vibration measurements	1970
19700087120	AS-509 space vehicle data evaluation guide	1970
19700087121	Time-above-temperature data logger	1970
19700087126	Non-destructive surveillance evaluation of dual thrust rocket motor Mk 27 Mod 4 AGM 78A-1 /U/	1970
19700087127	Atlas surveillance system for an extended boundary /U/ Quarterly report, 1 Jul. - 31 Mar. 1970	1970
19700087130	APQ-102 /XA-2/ airborne side-looking radar /U/ Final report, 22 Feb. 1968 - 10 Sep. 1969	1970
19700087131	Laser reflectivity studies in support of MISTIC /U/	1970
19700087132	Investigation of high-speed phenomena Final report	1970
19700087133	Requirements versus capability analysis as applied to the high energy upper stage rocket motor Final report	1970
19700087134	Results of a 0.0067-scale space transportation system orbiter vehicle test at transonic Mach numbers Final report, 10 Feb. - 11 Mar. 1970	1970
19700087135	Ablation aerodynamics for slender reentry bodies. Volume 1 - Theoretical analyses and results Final technical report, 20 Jan. 1969 - 19 Mar. 1970	1970
19700087136	Research and development of low-light-level/ near IR camera tube with solid-state array target Quarterly progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700087139	Determination of a direction in space using optical and laser satellite observations	1970
19700087141	Effect of variations of nose bluntness, afterbody geometry, and wing-tail gap on the static stability and axial force of an ogive cylindrical shape at transonic Mach numbers Final report	1970
19700087142	Force and static stability characteristics of an asymmetric glide reentry vehicle at Mach numbers from 6 to 21 Final report, Nov. 1966 - Jun. 1968	1970
19700087143	Description of the Apollo RTCC free-flight trajectory prediction program	1970
19700087144	Space programs Quarterly report, Apr. - Jun. 1970	1970
19700087145	Design and Experimental Investigation of a CCIS/Quadrupole Quarterly Progress Report, 15 Nov. 1969 - 15 Feb. 1970	1970
19700087148	Investigation of intermittent static contraction. Part 1 - The work capacity	1970
19700087149	ESSOR - Meteorological observatory and telecommunications relay	1970
19700087150	Project Helios - Project management report	1970
19700087151	Solar-powered space station - Preliminary design. Volume 1 - Summary, core module system	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087152	Solar-powered space station - Preliminary design. Volume 2 - Electrical power subsystem, environmental control and life support subsystem	1970
19700087153	Solar-powered space station - Preliminary design. Volume 3 - Information subsystem, guidance and control subsystem	1970
19700087154	Solar-powered space station definition. Volume 4 - Configuration analysis and payload accommodation	1970
19700087155	Solar-powered space station - Preliminary design. Volume 5 - Artificial-gravity provisions system, pre-mission operations support system, mission operations support system	1970
19700087156	Solar-powered space station - Preliminary design. Volume 6 - Earth survey module system	1970
19700087157	Space station program phase C/D - Crew training plan	1970
19700087158	Space station program phase C/D - Design plan	1970
19700087159	Space station program phase C/D - Manufacturing plan	1970
19700087160	Solar-powered space station development definition - Program element master plan	1970
19700087161	Space station program phase C/D - Data requirements	1970
19700087162	Space station program phase C/D - Logistics support plan	1970
19700087163	Solar-powered space station development definition - Program element specification	1970
19700087164	Space station program phase C/D - Program operations plan	1970
19700087165	Space station program phase C/D - Facility utilization plan	1970
19700087167	Three-year surveillance of NBF-containing CTPB propellant /U/	1970
19700087170	Production engineering measure on laser-diode array /U/ Final report, 30 Jun. 1967 - 20 Feb. 1970	1970
19700087172	Design analysis and optimization of FLIR preamplifiers /U/ Final report, 15 Nov. 1969 - 15 May 1970	1970
19700087176	Resistivity test set for the reconnaissance of soil electromagnetic parameters	1970
19700087177	Conductive, lusterless coatings for light metals Semiannual report, 16 Jun. - 16 Dec. 1969	1970
19700087178	Microwave magnetic and acoustic materials, microwave surface wave techniques Interim report, 2 Jun. 1969 - 31 Jan. 1970	1970
19700087179	Microwave network approach to guided acoustic surface wave structures Quarterly progress report, 1 Jul. - 31 Dec. 1969	1970
19700087181	Resistojet thruster life tests and high vacuum performance	1970
19700087184	A5-509 ground DDAS data evaluation guide	1970
19700087187	Light airborne multipurpose system 'At Sea' program, ASW phase A /U/ Interim report	1970
19700087195	Inorganic dielectrics research Semiannual report, 1 Jan. - 30 Jun. 1969	1970
19700087196	Improved production method for thin-walled titanium tubing Final technical report, 1 Feb. 1968 - 30 Jun. 1969	1970
19700087198	A study of linear anisotropic viscoelasticity	1970
19700087199	Preliminary TACC functional requirements and interface description	1970
19700087200	Material forming, volume 2 Report bibliography, Mar. 1961 - Dec. 1969	1970
19700087201	Current flow in a grounded base transistor stage driven from a capacitive source	1970
19700087207	Cinematographic study of solid propellant combustion in an acceleration field	1970
19700087208	Review of recent developments - Fiber-reinforced metals	1970
19700087209	Review of recent developments - Beryllium	1970
19700087213	Optimization of specified maneuvers in air-to-air combat	1970
19700087214	Material removal, volume 3 Report bibliography, Sep. 1960 - May 1969	1970
19700087215	Engineering reference manual for propellant actuated devices pad	1970
19700087216	Investigation on the uniformity of transportation route details in the compilation of the 1-200,000 general topographic chart	1970
19700087217	Mechanical properties of tantalum and niobium base alloys Final report, Oct. 1965 - Dec. 1968	1970
19700087219	Metal intensifying screens for use in radiography with 5 MV X-rays and cobalt-60 gamma-rays	1970
19700087220	The use of integral boundary-layer methods in rocket engine heat transfer calculations	1970
19700087221	Tables of compression corrections for the precision measurement of cylinders, spheres and cones	1970
19700087227	Noise in NMR spectra	1970
19700087228	Atmospheric radiance models for limb-viewing geometry in the five to twenty-five micron spectral region	1970
19700087232	Slush and boiling methane characterization	1970
19700087233	Greases for high speed, high temperature antifriction bearings	1970
19700087234	Inconspicuous dual antenna system Semiannual report	1970
19700087235	CW YAG laser Semiannual report, 18 Mar. - 17 Oct. 1969	1970
19700087236	Single crystal transducers and dielectrics Interim report, 1 Sep. - 31 Dec. 1969	1970
19700087237	Alternative approaches to the validation of remote terminal systems	1970
19700087238	Helmet-mounted sight/display applications. Volume 3 - Tracking capabilities Final report, Nov. 1968 - May 1969	1970
19700087240	Translations on French nuclear, missile, space, and related military developments, no. 243	1970
19700087242	Translations on French nuclear, missile, space and related military developments, no. 242	1970
19700087243	Mercury cadmium telluride detector Semiannual report, 15 Jun. - 15 Dec. 1969	1970
19700087244	Dc-electroluminescent flat panel display Quarterly report, 1 Aug. - 31 Oct. 1969	1970
19700087245	The role of depressed metabolism in increased radio-resistance, and the alteration of intestinal function by irradiation Semiannual status report	1970
19700087246	The physiological conditions of muscle training	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087247	The compatibility of MHF-3 rocket propellant with metal-plated maraging steel tankage	1970
19700087248	An experimental investigation of the flow of a high-velocity, high-density iron plasma in pipes and mufflers Final report, Mar. - Aug. 1968	1970
19700087249	Lightweight copperplated dielectric-foam microwave antennas	1970
19700087250	Modular Atmospheric Simulation Program /MASP/ engineering and user information document	1970
19700087251	Flight report for delta vehicle S/N 20014 delta program mission number 77 spacecraft - NATO-A	1970
19700087252	Contamination program Final report	1970
19700087259	Dynamic flight simulation in aircraft accident investigation	1970
19700087260	Low current plasma arc welding Final technical report, 16 Jul. 1969 - 29 May 1970	1970
19700087261	Flight model electrostatic ballistic pendulum Final report	1970
19700087262	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Dec. 1969 - 20 Mar. 1970	1970
19700087263	Observations of the fundus oculi in man during acceleration Final report	1970
19700087264	Reaction processes in high-pressure fluid systems and their applicability to Apollo 13	1970
19700087265	Present status and capability of an image intensifier evaluation facility	1970
19700087266	High power VHF-UHF communication-surveillance transistors Semiannual report, 1 Jun. - 30 Nov. 1969	1970
19700087269	CVD contract no. N/CP16/8333/66/4B302 /RP9-95/ Final report	1970
19700087271	Performance evaluation of frequency diversity radars	1970
19700087272	Combustion in pyrotechnic vapourising compositions. Part 2 - Heats of reaction of potassium chlorate with various fuels	1970
19700087274	Grinding process optimization Interim engineering progress report, 15 Dec. 1969 - 15 Apr. 1970	1970
19700087275	The reaction of potassium chlorate with lactose - Analysis of combustion gases	1970
19700087277	Broadband optical receiver for 10.6 microns Final technical report, Feb. - Nov. 1969	1970
19700087278	Variable angle terrain illuminator Final report, Mar. 1968 - Jan. 1970	1970
19700087279	Corrosive effects of solder flux on printed circuit boards	1970
19700087281	Sleeve bearings and lubricants for advanced airframes	1970
19700087282	Investigation of the basic foundation of masers and lasers Semiannual status report, 1 Jan. - 30 Jun. 1970	1970
19700087283	Hybrid simulation of DPS-docked burns. Apollo guidance, navigation and control	1970
19700087284	Tactical information exchange system	1970
19700087285	Nuclear radiation hardness assurance for electronics Final report, Apr. 1969 - Mar. 1970	1970
19700087286	Red Lamp vertical probe launching report /Twenty-one vehicles launched, 5-7 March 1970/ Final report	1970
19700087288	Development of a computerized analytical technique for the design and optimization of wet gas heat exchangers Final summary report	1970
19700087292	A vibration probe for measuring the intensity of a dc magnetic field	1970
19700087293	Manufacturing methods for samarium cobalt magnets Interim report, 1 Mar. - 31 May 1970	1970
19700087294	Conceptual development of entry corridors for vehicles with L/D's greater than the Apollo command module L/D	1970
19700087295	Development of a computerized analytical technique for the design and optimization of wet gas heat exchangers. Volume 1 - Development of theory and design procedures	1970
19700087296	Development of a computerized analytical technique for the design and optimization of wet gas heat exchangers. Volume 2 - Design and optimization program WETGAS	1970
19700087297	Development of a computerized analytical technique for the design and optimization of wet gas heat exchangers. Volume 3 - FORTRAN listings of program WETGAS	1970
19700087298	A fresh look at the utilization of hypersonic ranges - The sonic boom as a special case	1970
19700087306	Manufacturing technology for production processes applicable to meshless storage display tube Interim technical report, 1 Mar. - 31 May 1970	1970
19700087307	High capacitance thin film structures Final report, 5 Mar. 1969 - 4 Mar. 1970	1970
19700087309	Space tracking of satellites with the Zeiss four-axis SBG /satellite-movement/ camera	1970
19700087310	Graft copolymerization by radiation in the presence of benzoyl peroxide dimethyl aniline	1970
19700087311	Tropical testing of anti-corrosive coatings	1970
19700087312	New communication items from the German Democratic Republic	1970
19700087313	Digital message entry device	1970
19700087314	Contoured cross rolled disks Interim engineering report, 1 Apr. - 30 Jun. 1970	1970
19700087315	Development of a rubber base for the Helo landing zone locator	1970
19700087316	Cost data bank index	1970
19700087317	Voice warning systems Final report	1970
19700087319	Birds Eye Informal report, 21 Oct. - 5 Nov. 1969	1970
19700087320	Studies on the application of the heated-roll concept to hot rolling metals Final report, 1 Jun. 1969 - 30 Jun. 1970	1970
19700087321	Production engineering measure on gallium arsenide laser diode Final report, 30 Jun. 1967 - 28 Feb. 1970	1970
19700087322	Radiation detection equipment Final report	1970
19700087325	Thermal work for development of lightweight silver-oxide zinc battery for LM ascent stage	1970
19700087327	Accelerated service test of the J57-P-420 engine Interim report, 8 Nov. 1969 - 27 Feb. 1970	1970
19700087328	Investigation of the effect of low thrust levels on the base pressure of a cylindrical body at supersonic speeds	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087329	Roll and trim characteristics of blunt slender cones with slight geometric asymmetry Final report	1970
19700087330	The 11603L Lance, missile no. 5126, round no. 87 RGL /28 May 1970/ Meteorological data report	1970
19700087331	Broadband laser display system Progress report, Feb. 1969 - Feb. 1970	1970
19700087332	The 11603 Lance, missile no. 5116, round no. 85 RGL /15 May 1970/ Meteorological data report	1970
19700087333	Target interference effects on optical radar	1970
19700087334	A computer program to display the dynamic stress analysis of structures Final report, 6 Jan. 1969 - Mar. 1970	1970
19700087337	Exact cell and correlated-cell model molecular pair distribution functions	1970
19700087338	Statistical discrimination Quarterly report, 1 Mar. - 31 May 1970	1970
19700087339	Some identities involving symmetric functions	1970
19700087340	Proposed improvement of BRL Dual Shock Tube Facility	1970
19700087341	Evaluation of radio frequency filters, APN 11150869-3 and 11150869-7 Test evaluation report	1970
19700087342	Homodyne system design considerations Research and development report	1970
19700087343	Oxidation-resistant metallocenes. The synthesis and properties of perchloroferrocene and related polychlorinated and fluorinated ferrocenes Technical report, May 1968 - May 1969	1970
19700087344	High power X and Ku band GaAs sources Final report, 16 Jan. - 26 Nov. 1969	1970
19700087345	Deposition and Egradation characteristics of aircraft turbine engine lubricants, volume 1 Technical report, 1 Feb. - 1 Dec. 1969	1970
19700087346	Advanced concepts of microwave generation and control in solids Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700087347	Development of microwave integrated circuit noise source Quarterly report, 17 Jan. - 16 May 1970	1970
19700087348	Objective and dynamic analyses of tropical weather Final report, 18 Mar. 1968 - 17 Mar. 1970	1970
19700087349	Reliable flat cable connector Final report, 1 Apr. 1967 - 1 Nov. 1969	1970
19700087350	An erbium laser target illuminator pumped by gallium arsenide light emitting diodes	1970
19700087351	Geometrical optimization of domed GaAs photoemissive diodes	1970
19700087353	An investigation of electronic applications of the rare earth chalcogenides Semiannual report, Nov. 1969 - May 1970	1970
19700087354	Improved radiation stable thermal control coatings Technical report, 1 Feb. 1969 - 1 Feb. 1970	1970
19700087355	Research on infrared optical materials Final report, 10 Dec. 1968 - 1 Jan. 1970	1970
19700087356	Aerobee 150 NASA 4.323 Meteorological data report for 22 Jun. 1970	1970
19700087357	A review of the atmospheric effects on laser propagation	1970
19700087358	Digital switching terminals	1970
19700087359	Tactical information exchange system, revised	1970
19700087360	Techniques for the prediction of captive airloads	1970
19700087361	Surveillance of 5NS-4500 JATO Mk 25 Mod 0 and 1	1970
19700087362	Surveillance evaluation of Air Force held Mk 51 Mod 0 under seat rocket motors /P/N MBEU 1850 RU/	1970
19700087363	Correlation of the Bement-Pohler fatigue theory with experimental fatigue data and its extension to notched specimens Final report	1970
19700087364	Review of recent developments - Refractory metals	1970
19700087365	Aerobee NASA 4.271 UG and Aerobee NASA 4.311 UA Meteorological data report for 1-2 Jun. 1970	1970
19700087366	A high-accuracy direction finder for X-band Research and development report, Jan. - Feb. 1970	1970
19700087367	Review of recent developments - Liquid metals	1970
19700087368	A Bayesian/classical approach to reliability demonstration	1970
19700087369	Field effect liquid crystal Final report, 19 Dec. 1968 - 18 Dec. 1969	1970
19700087370	Optimization of user and earth station interfaces with DSCS Final contractual report	1970
19700087371	Maintenance and enhancement of the AED system Interim technical report, 24 Nov. 1969 - 8 Mar. 1970	1970
19700087372	Electroslag melted M-50 ausformed bearings Interim engineering progress report, 1 Apr. - 30 Jun. 1970	1970
19700087373	Statistical theories of strength of bundles and fiber-reinforced composites Summary report, 1 Feb. 1969 - 31 Jan. 1970	1970
19700087374	Cooperation of charges in photosynthetic O2 evolution 2 damping of flash yield oscillation, deactivation	1970
19700087375	Interaction between electron-transport components in chloroplasts	1970
19700087379	Multifrequency, multifunction integrated arrays - Measurement results Research and development report, Jul. 1969 - Mar. 1970	1970
19700087380	Research and development on a non-scanning microwave frequency identifier Quarterly report, 1 Mar. - 31 May 1970	1970
19700087381	Long period seismic noise and atmospheric pressure variations	1970
19700087382	Decorrelation of sea clutter by radar frequency agility, part 1	1970
19700087383	Convolutional coding and sequential decoding codage	1970
19700087384	Neutron dosimetry for individuals by means of fission fragment recording in mica	1970
19700087385	Navy short range missile concepts missile seeker environment	1970
19700087386	Preparation and characterization of a bisbenzimidazopyrazine polymer Technical report, Nov. 1968 - Oct. 1969	1970
19700087387	Airfield pavement condition survey, USMCALF Camp Pendleton, California	1970
19700087388	Testing of EX 9 Mod 4 emergency cockpit illuminator Final report, Dec. 1969 - May 1970	1970
19700087389	Production engineering measure polysulfone plastic film Quarterly report, 1 Sep. - 1 Apr. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087390	A computer interface plan for Action 2 radar system	1970
19700087391	Development of a graphite horizontal stabilizer Semiannual interim technical report, 3 Nov. 1969 - 30 Apr. 1970	1970
19700087392	Doppler measurements from specular and diffuse targets, in rotational and translational motion, using 0.6 and 10.6 microns radiation	1970
19700087394	Use of a radial turbine in a thrust augmentation scheme	1970
19700087395	Application of injection lasers to ranging devices	1970
19700087396	Flexible rolled-up solar array Quarterly technical report, 30 Mar. - 28 Jun. 1970	1970
19700087397	Ramjet engine design study for Sandpiper target drone. Volume 2 - Wind tunnel support for Sandpiper ramjet /HAST 2/ Final report, 1 Aug. - 19 Dec. 1969	1970
19700087398	Protective mask electronic speech devices Quarterly progress report, Jan. - Mar. 1970	1970
19700087399	S-band solid state amplifier miniaturization	1970
19700087400	Missile spin and acceleration facility /modified NOL 10-foot centrifuge/	1970
19700087401	Proceedings of the second symposium on increased survivability of aircraft	1970
19700087402	Airfield pavement condition survey, USNAS Brunswick, Maine	1970
19700087403	Directed energies for military applications. Annex A. Biological sensitivities to various energy forms /Matrix/	1970
19700087404	Application of electroslag melted steel to rocket motor case fabrication Interim technical report, 16 Feb. - 31 May 1970	1970
19700087405	Cooling systems studies for neodymium doped glass and YAG lasers Final technical report, Jan. - Dec. 1969	1970
19700087406	Development of a radiation-hardened recorder Final report, Sep. 1965 - Oct. 1968	1970
19700087407	Surveillance evaluation of Mk 7/13 Mod 2 pilot ejection rocket catapults /P/N 2174-520-5/2174-522-5/	1970
19700087408	Development of neutron radiographic techniques and standards at the AFIT Nuclear Engineering Center Final report, Jun. 1968 - Jun. 1969	1970
19700087409	Synthesis and properties of some benzimidazobenzophenanthroline polymers possessing both non-ladder and ladder structures Technical report, Apr. 1967 - Mar. 1968	1970
19700087410	Dc voltages induced between electrode pairs in low velocity seawater	1970
19700087411	Investigation of high data-rate signal monitoring and analysis system Quarterly technical report, 19 Nov. 1969 - 1 Feb. 1970	1970
19700087412	Filament wound fiber glass wing tank Technical report, Jul. 1968 - Aug. 1969	1970
19700087413	Survey of technology on communication through the plasma sheath Final report, 1 May 1967 - 28 Feb. 1970	1970
19700087414	Thermally excited CO2 vortex tube laser Technical report, Aug. 1967 - Apr. 1969	1970
19700087415	Textural signature study Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700087417	Effects of stress-relief heat treatments on high-strength steels	1970
19700087418	An analytical model for predicting the radiation from jet plumes in the mid-infrared spectral region	1970
19700087419	Preliminary analysis of laser terrain profiles of sea ice surfaces	1970
19700087420	Surface microsonics in isotropic media Quarterly report, 18 Nov. 1969 - 17 Feb. 1970	1970
19700087421	A FORTRAN program for spur calculations	1970
19700087423	Small Applications Technology Satellite /SATS/ - Program and spacecraft study report	1970
19700087424	Investigation of transient degradation/ contamination of thermal coatings Quarterly progress report, 1 May - 30 Jul. 1970	1970
19700087426	Sapphire ribbon Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700087427	Semiconducting thin films - An annotated bibliography, 1969	1970
19700087428	Feasibility and design definition study of the ramjet high altitude supersonic target Final report, May - Dec. 1969	1970
19700087429	Production engineering measure for solid encapsulated semiconductor devices Quarterly report, 13 Jan. - 13 Apr. 1970	1970
19700087430	Loran-C phase modulation study, volume 1 Final technical report	1970
19700087431	Propellant ingredient safety Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700087432	Critical study of approximating functions and methods as applied to ocean station data. Project 1 - Regression analysis	1970
19700087434	TOW weapon system environmental tests for TOW initial production missiles /prime contractor/ Test evaluation report	1970
19700087435	The brittle fracture of amorphous thermoplastic polymers	1970
19700087436	Spectrum utilization characteristics of VHF phase modulated transmitter, Dorsett model TR-501, part no. 93A289	1970
19700087437	Spectrum utilization characteristics of receiver, control BCR-76B, Babcock Electronics Corporation, part no. 118542	1970
19700087438	Review of recent developments. Nickel- and cobalt-base alloys	1970
19700087439	WRECS 4 - A FORTRAN code for computation of weapon radiation effects on communication systems. Volume 1 - Technical description	1970
19700087440	WRECS 4 - A FORTRAN code for computation of weapon radiation effects on communication systems. Volume 2 - Program description	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087441	WRECS 4 - A FORTRAN code for computation of weapon radiation effects on communication systems. Volume 3 - System and operating description	1970
19700087442	WRECS 4 - A FORTRAN code for computation of weapon radiation effects on communication systems. Volume 4 - Flow charts and listings	1970
19700087443	Advanced multiprocessor Final report, 2 Dec. 1968 - 15 Aug. 1969	1970
19700087444	Comparison of aerial reconnaissance and ESSA 7, satellite data during Deep Freeze 1969	1970
19700087445	A generalized equation for the elastic moduli of composite materials	1970
19700087446	Study on efficiency improvements in O-type traveling-wave tubes Quarterly report, 31 Aug. 1969 - 31 Jan. 1970	1970
19700087447	Longitudinal stability characteristics of a series of ringtail-body combinations at Mach numbers of 0.8 - 4.5	1970
19700087448	Pump, centrifugal Final report	1970
19700087449	Evaluation of a high-purity 18 % Ni /300/ maraging steel forging Technical report, 1 May 1969 - 31 May 1970	1970
19700087450	An oil flow study of a sonic reaction jet ejecting from a body of revolution into a free stream of Mach number range 1.75 to 4.5	1970
19700087451	Field test report for R and D test 121, emergency power operations - VAFB Minuteman 3	1970
19700087452	Production engineering measure for quartz crystal unit CR-/XM-71//U Quarterly report, 22 Dec. 1969 - 31 Mar. 1970	1970
19700087453	Technology needs. Program element 62101F, environment	1970
19700087454	Service revealed difficulties, T55 engines Status report, 1 - 30 Apr. 1970	1970
19700087455	Birds Eye 6-69, 5-17 September 1969	1970
19700087456	Correlation testing performed at General Electric Company /GEOS/ and at NAFI on the cut-through test of WS-6118	1970
19700087457	The effects of jet plume and boattail geometry on base and afterbody pressures of a body of revolution at Mach numbers of 2.0 to 3.5	1970
19700087458	Effects of EMP environment on military systems Final report	1970
19700087459	Diffusion bonded titanium alloy hollow fan- disk Interim technical report, 1 Apr. - 30 Jun. 1970	1970
19700087460	Investigation of elastic stability of circular toroidal shells under uniform external pressure Final report	1970
19700087461	A survey of United States Air Force pilot opinion on cockpit lighting Study report, Jul. - Nov. 1969	1970
19700087462	The behavior of advanced filamentary composite plates with cutouts Quarterly progress report, 2 Mar. - 29 May 1970	1970
19700087463	Advanced electron device technology	1970
19700087464	Ausforging large, high-strength steel aircraft structural components Interim engineering progress report, 1 Aug. 1969 - 30 Apr. 1970	1970
19700087465	Hard landing indicator development program Final report, Feb. 1969 - Feb. 1970	1970
19700087472	TASCS AN/USQ-41 // development and testing program /U/ Final technical report, Nov. 1966 - Dec. 1969	1970
19700087476	Minimum throttling of solid rocket motors /U/ Final report	1970
19700087484	Utility Tactical Transport Aircraft System /UTTAS/ study. Part 2, volume 12A - Annex V USAMC technical report /U/ Final report	1970
19700087485	Utility Tactical Transport Aircraft System /UTTAS/ study. Part 2, volume 12B - Annex V USAMC technical report /U/ Final report	1970
19700087486	Evaluation of safety of case-bonded charges for in-tube-burning antitank rockets /U/	1970
19700087490	Infrared solid state sensor research and development /U/ Final technical report, 27 Dec. 1968 - 26 Dec. 1969	1970
19700087496	Theoretical and experimental study of noise in superconductors Final report, 11 Apr. 1967 - 31 Mar. 1970	1970
19700087498	Technology needs. Program element 62202F, aerospace biotechnology	1970
19700087499	Test report ECP B492 verification testing 10-21597 staging connector	1970
19700087500	Evaluation of phosphoric acid matrix fuel cells Semiannual report, 18 Aug. 1969 - 18 Feb. 1970	1970
19700087501	B-57G aircraft MIL-E-6051D electromagnetic compatibility test report, addendum	1970
19700087502	Measurement and analysis of spectral signatures Final technical report, 24 Feb. 1969 - 24 Feb. 1970	1970
19700087503	Ablative materials for high loads. Part 1 - Environmental simulation and materials characterization Interim summary report, 24 Feb. 1969 - 30 Mar. 1970	1970
19700087504	An analytical study of the mechanical stability of two-bladed rigid rotor systems	1970
19700087505	Ceramic systems for missile structural applications Summary report, 1 Mar. 1969 - 28 Feb. 1970	1970
19700087506	A 1.25 KVA inverter module for fuel cell power conditioning Final technical report, Aug. 1968 - Jul. 1970	1970
19700087507	Studies in manual target designation - Isometric controls	1970
19700087508	Qualification of MIL-L-23699B aircraft turbine engine candidate oil, Texaco TL 8090 Final report	1970
19700087509	Test and evaluation of A-7E airplane, TF41 engine removal and installation peculiar ground support equipment Interim report, 1 Feb. - 15 Feb. 1970	1970
19700087510	Blending and dyeing heat resistant and nonflammable fibrous materials, part 1 Technical report, Jan. - Dec. 1969	1970
19700087511	Mechanical properties and flammability characteristics of fibrous materials Technical report, Jul. 1968 - Nov. 1969	1970
19700087512	Engineering evaluation of wet input splines for sundstrand 30 KVA constant speed drive in the F-4J airplane with J79-GE-10 engines Final report, 5 Nov. 1968 - 10 Mar. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087513	TF41-A-1 engine windmill starting evaluation Final report	1970
19700087516	A 25-millimeter microchannel array development /U/ Quarterly report, 28 Aug. - 28 Nov. 1968	1970
19700087517	A 25-millimeter microchannel array development /U/ Quarterly report, 28 Nov. 1968 - 28 Feb. 1969	1970
19700087518	A 25-millimeter microchannel array development /U/ Quarterly report, 28 Feb. - 28 May 1969	1970
19700087522	Dynamic force analysis of the action sustainer motor case /U/	1970
19700087523	Rocket motor Mark 38 Mod 2 /Sparrow 3/ type-life program report /U/ Final report	1970
19700087524	Transonic performance of supersonic two-dimensional external-compression and half-axisymmetrical inlets /U/ Final report	1970
19700087526	Rocket motor Mark 12 Mod 0 /Terrier booster/ type-life 7.0-year /U/ Summary report	1970
19700087527	Sonic Ranging and Detection /SORAD/ for target and trail detection in clutter /U/	1970
19700087528	High resolution microchannel plates /U/	1970
19700087529	Development of heterogeneous propellants /U/ Final report, 7 Apr. 1968 - 15 Mar. 1970	1970
19700087531	Advanced maneuvering propulsion feed system concepts /U/	1970
19700087532	Research investigations in naval attack aircraft system design. High productivity design studies /U/ Final report	1970
19700087533	The 630000-rpm vane-pump demonstration Interim technical report, 1 Apr. - 30 Jun. 1970	1970
19700087534	A first approximation theory to the effects of transverse shear deformations on the buckling and vibration of fiber-reinforced circular cylindrical shells - Application to axial compression loading of boron-epoxy and glass- epoxy composites Final technical report	1970
19700087535	Metallized film dielectric capacitors second fascicule - Specification list of specification sheets in use	1970
19700087536	Metallized dielectric film capacitors	1970
19700087537	Limits of wing lift	1970
19700087538	A contribution to the aerodynamics of a heavily loaded wing	1970
19700087539	The protective effect of D2O against hyperthermia damage of Ascites tumor cells	1970
19700087540	Guidelines for transfer molding electronic modules, volume 1 Final report	1970
19700087541	Test and evaluation of the Mark Systems Imbiber model 940 and the model 350 processor for use with Kodak Bimet film Final technical report	1970
19700087542	Theoretical study of atomic and molecular processes Final report, 1 Sep. 1968 - 31 Aug. 1969	1970
19700087543	Development of naturally fragmenting materials /U/ Final report, 22 Feb. 1967 - 15 Sep. 1969	1970
19700087544	Solid-state infrared detector /U/ Final report	1970
19700087545	Infrared emission from tactical missiles. A bibliography /U/ Technical publication Jan. 1960 - Oct. 1969	1970
19700087546	Surface backscattering strengths from several FASOR 2 deep-water stations /U/ Research and development report, Jan. 1966 - Jan. 1970	1970
19700087550	A prediction technique for estimating interference effects during a parallel staged separation maneuver at supersonic speeds /U/ Final report, Jun. 1967 - 1969	1970
19700087551	Technique developments applicable to antenna arrays /U/	1970
19700087552	Project Michigan. Subproject 3 - Image interpretation and sensor-output processing /U/ Final report	1970
19700087554	Preparation and operation of instrumentation for airborne optical measurements of auroral effects during polar cap absorption events, phase 1 and 2	1970
19700087555	Evaluation of the night vision surveillance system /NVASS/, AN/ASQ-127, August 1969 through March 1970	1970
19700087557	Reliable friction bearings	1970
19700087558	The reconversion of space	1970
19700087559	Ovonic computer circuits development Final report, 19 Feb. 1968 - 1 Oct. 1969	1970
19700087560	Damping properties of glass-fiber reinforced plastics	1970
19700087561	Examples of utilization of geophysical and geochemical methods for the purpose of locating buried stratiform deposits /sub- cevennes, ardeche border/	1970
19700087562	Transfer molding electronic modules - Data volume, volume 2 Final report	1970
19700087563	Personnel inventory analysis system - Modifications for deployability constraints	1970
19700087564	Airfield pavement condition survey, USNAS North Island, California	1970
19700087565	Design and development of a vibragimbal multisensor Final technical report, Dec. 1966 - Sep.1969	1970
19700087567	Static-force and pressure tests of a space transportation vehicle model at Mach number 10 Final report	1970
19700087568	Seismic Data Laboratory Quarterly technical summary report, Apr. - Jun. 1970	1970
19700087569	Airfield pavement condition survey, USMCAS El Toro, California	1970
19700087570	Production engine report T53-L-13A/13B Engineering report, Apr. - May 1970	1970
19700087571	Force tests of several preliminary configurations of an advanced tactical rocket at Mach numbers from 0.3 to 4.5 Final report	1970
19700087572	Metallurgical and shear spinning studies of ingot beryllium and mulberry Final report	1970
19700087573	Special aerial photography near the Nevada test site Final report	1970
19700087574	Reactor operations Monthly report, Jun. 1970	1970
19700087575	Determination of the axial vector to vector ratio in the beta decay of the lambda hyperon	1970
19700087576	PSKIT - A CDC-6600 computer programming package providing easy use of FINK/PANTRY	1970
19700087577	Program definition phase LMFBR intermediate heat exchanger research and development. Volume 1 - Research and development plan	1970
19700087578	The effects of alignment and machining errors on the first order resolution of a QDD spectrometer	1970
19700087579	Operating manual - EG and G foil capping shutter	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087580	Vanadium alloy development Quarterly progress report, period ending 31 Mar. 1970	1970
19700087581	An experimental automatic production of a road tint plate for a sheet of the 1/50000 topographic chart and a culture plate for 1/4 sheet of the 1/250000 joint operations graphic	1970
19700087582	The effect of thermomechanical treatment on the microstructure and properties of heat-resistant NiCr alloys	1970
19700087585	Conceptual design and performance potential of an advanced deck launched interceptor /U/	1970
19700087587	Development of new high energy explosive compositions /U/ Quarterly progress report, 1 May - 31 Jul. 1970	1970
19700087590	Utility Tactical Transport Aircraft System /UTTAS/ study. Part 2, volume 4 - Annexes C, D, E, F, and I /U/ Final report	1970
19700087593	Advanced ordnance thermal analysis. Volume 2 - Sample problems /U/ Final report, Dec. 1968 - Oct. 1969	1970
19700087594	Target selection signatures derived from field data /U/ Summary report	1970
19700087595	Experimental study of the decay spectrum of the kaon ⁰ / yields pion ⁺ / pion ⁻ / pion ⁰ /	1970
19700087596	Research in computational plasma physics Progress report, 1 Mar. 1969 - 1 Mar. 1970	1970
19700087597	Revised lunar module descent stage thermal model handbook	1970
19700087598	Development of a generalized, interactive display and control concept. Apollo guidance, navigation and control Progress report	1970
19700087599	Delta Guidance Simulation Results	1970
19700087602	Space station pre-mission operations support systems, preliminary performance specification	1970
19700087603	Fatigue mechanisms and the development of fatigue-resistant materials Technical report, 1 Apr. 1969 - 1 Jan. 1970	1970
19700087604	Dynamic behavior of some metals and non-metals under tensile impact Technical report, 1 Mar. 1969 - 31 Jan. 1970	1970
19700087605	Temperature effects in semiconductor avalanches Final report	1970
19700087606	Evaluation tests of C-5A airplane aerial delivery system, phase 1 Final report	1970
19700087607	Deposition and degradation characteristics of aircraft turbine engine lubricants. Volume 2 - Summary data sheets Technical report, 1 Feb. - 1 Dec. 1969	1970
19700087608	Failure mechanisms and accelerated life tests of nickel-cadmium batteries Annual technical report, 1 May 1969 - 30 Apr. 1970	1970
19700087609	Thermal shock fracture of single crystal silicon Technical report, Jan. 1968 - Dec. 1969	1970
19700087610	Sequential estimation of the state and the observation-error covariance matrix	1970
19700087612	Experimental investigation of the effect of trailing-edge sweepback on the subsonic longitudinal characteristics of slender wings	1970
19700087615	An experimental study of the stress histories at stress concentrations in aluminum alloy specimens under variable amplitude loading sequences	1970
19700087616	Discrete step model of low-altitude atmospheric turbulence based on a Markov chain	1970
19700087617	RAE polyimide resin/carbon fibre composites. Part 2 - The manufacture and evaluation of laminates	1970
19700087618	Digital simulation of low relative velocity intercept problems Final report, 15 Mar. 1966 - 15 Apr. 1968	1970
19700087619	Yarn and tape tensile properties in vacuum Technical report, May 1968 - Nov. 1969	1970
19700087620	Manufacturing methods for a multifunction integrated circuit package Final report, May 1968 - Jun. 1970	1970
19700087621	Study of the basic kinetics of decomposition of MMH and MHF and the effects of impurities on their stability Quarterly report, 16 Mar. - 15 Jun. 1970	1970
19700087622	High speed impact tests of shielded cable for Sparrow 3 contact fuze	1970
19700087623	Synthesis of fluorinated alkoxy- and alkyl- substituted S-triazines and their fluid properties Technical report, 1 Dec. 1965 - 15 Aug. 1969	1970
19700087624	Embrittlement, volume 2 Bibliography report, Oct. 1951 - Jan. 1970	1970
19700087625	Feasibility study and development design of a passive radiative cooler for infrared detectors	1970
19700087626	A theoretical determination of convection heat-transfer coefficients during transition on the suction side of turbine airfoils	1970
19700087627	Operation and maintenance manual, radiation-hardened tape recorder	1970
19700087629	Translations on French nuclear, missile, space, and related military developments no. 246	1970
19700087634	The possible application of Aircraft Integrated Data Systems /AIDS/ to avionic systems	1970
19700087635	Impact design criteria for blockhouses subjected to abortive launch environments	1970
19700087636	Translations on French nuclear, missile, space, and related military developments, no. 245	1970
19700087637	Low energy nuclear reactions and spectroscopy Technical progress report, 15 Sep. 1969 - 15 Jun. 1970	1970
19700087638	RC-135A/USQ-28 category 2 test /precise photo mission evaluation/	1970
19700087639	Normal force effectiveness of several fin planforms with streamwise gaps at Mach numbers of 0.8 to 5.0	1970
19700087640	Integrated High Frequency Antenna System /IHFA/ for ASW aircraft	1970
19700087641	Digital simulation of guidance and control for exoatmospheric intercept, supplement 1 Final report, Mar. 1966 - Feb. 1967	1970
19700087642	Aerobee NRL NB 3.211 Meteorological data report for 25 May 1970	1970
19700087643	Miniature crystals for SSB applications in coldweld enclosures and crystal units with high temperature bonding Final report, 30 Apr. 1966 - 15 Jan. 1970	1970
19700087644	Radar techniques program Quarterly technical summary report, 1 Feb. - 30 Apr. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087645	Solid propellant rheology. 1 - The effect of temperature on the properties of plastic propellant	1970
19700087646	Hydroxonium ion recombination in flames and its dependence on temperature	1970
19700087650	Cryogenic research and development Progress report, period ending 30 Jun. 1970	1970
19700087653	The design and analysis of sensitivity experiments	1970
19700087654	Translations on French nuclear, missile, space, and related military developments no. 244	1970
19700087655	Critical magnetic scattering of neutrons from manganese fluoride	1970
19700087656	Reactor materials development quarterly for the Division of Reactor Development and Technology, April - June 1970	1970
19700087657	B-57G aircraft MIL-E-6051D electromagnetic compatibility test	1970
19700087658	Wind tunnel tests of a conical wake decelerator at Mach numbers 6, 8, and 10 Final report, 30 Jun. - 27 Oct. 1969	1970
19700087659	Irradiation effects on reactor structural materials Quarterly progress report, Feb. - Apr. 1970	1970
19700087660	Conceptual system design description for the LMFBR fuel element failure propagation loop	1970
19700087661	Center Data Descriptions Catalog /CDDC/	1970
19700087662	Critical regime of dynamic work of the upper limb	1970
19700087663	Lifting-line theory of a helicopter rotor	1970
19700087664	The effect of a four week training period in a low-pressure chamber /2250 and 3450 m/ on the red blood cells	1970
19700087665	Pilot handling aspects of steep approaches for conventional transport aircraft	1970
19700087666	Some aerodynamic considerations of lifting re-entry vehicles	1970
19700087667	Delta-70 BIOS-D Final field report	1970
19700087668	Emergency preparedness plan. Annex A - Hurricane control plan	1970
19700087670	The MSC Second Variation Exoatmospheric Trajectory Optimization Program User's Manual	1970
19700087671	Analytical approach to composite behavior Technical report, 1 Mar. 1969 - 28 Feb. 1970	1970
19700087672	Improved design procedures for thrust termination of solid propellant motors Final report, 1 Feb. 1969 - 1 Feb. 1970	1970
19700087673	Montana large aperture seismic array Quarterly technical report, 1 Jan. - 30 Mar. 1970	1970
19700087674	Investigation and improvement in the moderate depth lunar drill, supplement Final report, Jul. 1969 - May 1970	1970
19700087677	Nernst energy conversion in thin films	1970
19700087678	Nuclear magnetic resonance spectroscopy - Quantitative analysis of C-3 /Poseidon/ multibase solvent	1970
19700087679	Research toward preparing bulk shapes of beryllium oxide by chemical vapor deposition techniques Final report, 11 Dec. 1968 - 1 Jun. 1970	1970
19700087680	Neutron beam diffusion in a slab Technical report, Jun. - Aug. 1969	1970
19700087681	Portable radar wind-measuring equipment /PRAWM/	1970
19700087682	Technical services during laboratory and field test trials of water-in-fuel detection instrument Final report, 19 Feb. 1969 - 30 Jun. 1970	1970
19700087683	Study of effects of lunar materials on botanical systems Final report, 3 Feb. 1969 - 30 Jun. 1970	1970
19700087685	Neutron transport in earth's atmosphere	1970
19700087686	FM signal generator model AN/URM-103, serial 671 /Polarad/ Interim report	1970
19700087687	Flight test report of AN/ASN-82 inertial navigation system	1970
19700087688	Aerial film speed systems and exposure control	1970
19700087689	Sampling tests of one type MS17334-2, nickel- cadmium, aircraft battery manufactured by Marathon Battery Company	1970
19700087690	Low velocity detonations for liquid explosives	1970
19700087691	Determination of selenium in stainless steels by atomic absorption spectrophotometry	1970
19700087692	An omnidirectional reflected-interrogation rejector and a sidelobe suppressor with minimum transponder dead time Interim report	1970
19700087695	Integrated tunnel diode amplifiers for X-band applications Final report, 11 Feb. 1969 - 10 Jun. 1970	1970
19700087696	A bibliography of reports, articles, and data references resulting from scientific operations aboard the Navy Pool /T-AGOR/ ships, 1963 - 1969	1970
19700087697	Manufacturing methods for rolling very high strength superalloy sheet Interim technical engineering report, 1 Feb. - 1 May 1970	1970
19700087698	Optimum gyrators Interim report, Oct. 1969 - Jul. 1970	1970
19700087699	C-141A ground flotation test on landing mat and unsurfaced runways - Civil engineering support Technical report, Dec. 1967 - Sep. 1968	1970
19700087700	Test and evaluation of a nomad buoy oceanographic sensor cable umbilical segment Informal report, Aug. - Nov. 1968	1970
19700087701	The early detection of fatigue damage Final technical report, 1 Jul. 1968 - 28 Feb. 1970	1970
19700087702	Low impedance modulator techniques Final report	1970
19700087703	Design of maximum thrust plug nozzles for fixed inlet geometry Technical report, 1 Sep. 1966 - 31 Aug. 1969	1970
19700087704	Technique development to permit optimum use of satellite radiation data Final report, 21 Apr. 1969 - 21 Apr. 1970	1970
19700087705	Arctic environmental test of petroleum handling equipment - Fuel purity monitoring equipment Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087706	Improvement of interlaminar shear strength in organic matrix composites utilizing plasma deposited coupling agents Summary technical report, 1 Mar. 1969 - 1 Mar. 1970	1970
19700087707	Oceanography in the Royal Netherlands Navy	1970
19700087708	Diffusion welding of wrought beryllium Final technical report, 15 Apr. 1969 - 14 Apr. 1970	1970
19700087709	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage Quarterly report, 30 Dec. 1969 - 30 Mar. 1970	1970
19700087710	Stresses around two adjacent unequal circular holes under biaxial loads Final report	1970
19700087711	Air defense modeling study. Volume 1 - The MAVD and Allocation models Final report	1970
19700087712	Air defense modeling study. Volume 2 - Optimal attack route method Final report	1970
19700087713	Collocation flutter analysis study 2 /COFA 2/. Volume 3 - Structural analysis program, FLUENC-100C component mode synthesis program, COMSYN and modal flutter analysis program Final report, Apr. 1969 - Apr. 1970	1970
19700087714	Collocation flutter analysis study 2 /COFA 2/. Volume 1 - Subsonic strip theory unsteady aerodynamics program, supersonic piston theory unsteady aerodynamics program Final report, Apr. 1969 - Apr. 1970	1970
19700087715	Collocation flutter analysis study 2 /COFA 2/. Volume 2 - Unsteady aerodynamic generalized force programs for subsonic, transonic, and supersonic flight regimes Final report, Apr. 1969 - Apr. 1970	1970
19700087716	Pulsed Light Airborne Depth Sounding /PLADS/ system Final report	1970
19700087717	Exploratory development program Progress report, 1970	1970
19700087718	Studies on a Frustrated Multiple Internal Reflection /FMIR/ detection system Quarterly progress report, Nov. 1969 - Jan. 1970	1970
19700087719	Materials properties data dissemination Final report	1970
19700087720	Antenna and propagation studies for spacecraft. CSM high gain antenna pitch/yaw, look angle, and gimbal angle conversions	1970
19700087721	Investigation and analysis of the Special Processor System /SPS/ Technical report, Jul. 1968 - Jan. 1970	1970
19700087722	Numerical solution for the dynamic response of rotationally symmetric shells of revolution under transient loadings	1970
19700087724	VHF reentry communications - Flight test measurements using a Trailblazer 2 vehicle and including a test of the aerodynamic gas spike	1970
19700087725	Holographic optical data processing and its application at AEDC Final report	1970
19700087726	Production engineering measure for capacitors, feed-through, solid electrolyte tantalum pellet Final report, 31 Mar. 1964 - 30 Apr. 1970	1970
19700087727	A study of hologram recording and applications Interim technical report, 1 Jun. 1969 - 31 Jan. 1970	1970
19700087729	Antenna and propagation studies for spacecraft. An analysis of a proposed ranging system for the lunar surface electrical properties experiment	1970
19700087730	STS software development /study task 5/	1970
19700087731	Performance assessment of spacecraft radar/tracking systems. Simulated landing radar Doppler power spectra for rough terrain	1970
19700087733	Processing, application, and evaluation of sealants for fuel tanks in advanced space structures Quarterly progress report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700087734	Human factors engineering systems report 2-69 - Observations of the acoustic environment of the SH-3A ASW helicopter Interim report	1970
19700087735	Manufacture of high strength TD nickel- chromium tubing Interim report, 15 Mar. - 15 Jun. 1970	1970
19700087736	Down converter to the eye-safe region Final report, 12 Feb. 1969 - 15 May 1970	1970
19700087737	High power L-band source Final report	1970
19700087738	Improvement of titanium alloy ingot consolidation Interim technical report, Feb. - Jul. 1970	1970
19700087739	Advanced chemical milling processes Interim engineering progress report, 1 Apr. - 30 Jun. 1970	1970
19700087740	Radiation pyrometer for gas turbine buckets Final report, 24 Jan. 1969 - 10 Mar. 1970	1970
19700087741	An equation for predicting the residual static strength of stiffened panels	1970
19700087742	Fluid mechanics analysis of high-pressure- ratio centrifugal compressor data Final report	1970
19700087743	Eastman Kodak Bimat processing equipment Final report	1970
19700087744	Fit and function of Allison TF41-A-2 engine limiter test set. A-7E propulsion GSE amendment Interim report	1970
19700087745	Techniques for testing the porosity of electrodeposited gold on copper-clad circuit boards	1970
19700087746	Establish feasibility to explosively form one- piece upper-half tank turrets Final report, 29 Mar. 1967 - 31 Dec. 1968	1970
19700087747	Electromagnetic compatibility requirements for space systems, revision 1	1970
19700087748	Calculation and design of joints made from composite materials Final report, Nov. 1968 - Dec. 1969	1970
19700087749	Study of effects of grooving on pavement deterioration inspection of grooved airfield pavements Technical report, Jan. - Dec. 1969	1970
19700087750	Results of abrasion resistance tests on polyurethane coatings using the SS White apparatus	1970
19700087751	Mechanical drive systems for aerial refueling hose reel assemblies Final report, 27 Mar. 1969 - 30 Mar. 1970	1970
19700087752	Incipient failure detection, The detection of incipient failure in jet engine bearings Final report	1970
19700087753	Investigation of processing factors and interstitial oxygen content on the stress- corrosion-cracking resistance of Ti-6Al-4V plate Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087754	Contractor's aerodynamic performance and structural demonstration of the EA-6B airplane Final report	1970
19700087755	Mitran Master Film Chip printer, model 503 and processor, model 160, Kalvar Corporation Final technical report	1970
19700087756	Airfield pavement condition survey, USMCAS /H/ New River, North Carolina	1970
19700087757	The 3M Company model 179 contact printer- processor for dry silver paper, type 774 Final technical report	1970
19700087758	NCEL guide to technical documents	1970
19700087759	TF30-P-408 development Final technical report, 7 Mar. 1969 - 28 May 1970	1970
19700087760	COSMOS A - Operations and user's manual Final report	1970
19700087761	Acoustic investigation of model 737 airplane flap control valve	1970
19700087762	Wide angle mapping camera lens Final report, Nov. 1967 - Jun. 1970	1970
19700087763	Technical evaluation of broadband IFF antenna Final report, May - Jun. 1970	1970
19700087765	Deep ocean exposure of zinc-rich organic coatings on steel Final report, Jan. 1968 - Jun. 1969	1970
19700087766	Study program to define a medical and paramedical investigation of man in a closed ecological environment. Volume 1 - Program requirements	1970
19700087767	Medical and paramedical tasks	1970
19700087768	Facility and chamber requirements specification	1970
19700087769	Configurations and schematics	1970
19700087770	Program plans	1970
19700087771	Advanced ordnance thermal analysis. Volume 1 - Computer program Final report, Dec. 1968 - Oct. 1969	1970
19700087773	Computer-aided design for numerically controlled production Final technical report, 1 May 1967 - 30 Jan. 1970	1970
19700087774	The measurement of balanced impedances with a coaxial transmission line system	1970
19700087775	Use of acoustic emission in nondestructive testing Semiannual report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700087776	Microwave acoustic and bulk device technique studies Interim technical report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700087777	Manufacturing techniques to produce 3,3 prime, 4, 4 prime-diaminobenzidine Quarterly technical report, 1 Feb. - 30 Apr. 1970	1970
19700087778	Service revealed difficulties, T55 engines Status report, 1 - 31 May 1970	1970
19700087779	Application of MIL-C-6799, Type 2, sprayable, strippable, protective coating to pneumatic de-icer boots	1970
19700087780	Multifunction bulk effect integrated circuits Quarterly progress report, 29 Jul. - 28 Oct. 1969	1970
19700087781	Design and evaluation of a high temperature radial turbine Quarterly technical summary report, 1 Feb. - 30 Apr. 1970	1970
19700087782	Bottom-reflection-loss model with velocity gradient Research and development report, Feb. - Aug. 1969	1970
19700087783	Manufacturing methods for roll diffusion bonded stiffened skin structure Interim engineering progress report, 31 Mar. - 30 Jun. 1970	1970
19700087784	Improved data handling for spatial sampling techniques Final technical report, Nov. 1969 - Mar. 1970	1970
19700087785	Microminiature multiplane interconnections Final report, 1 Jul. 1965 - 30 Sep. 1969	1970
19700087786	Low cost S-band transmitter tube for phased array radars Semiannual report, 2 Jun. 1969 - 31 Jan. 1970	1970
19700087787	Techniques for producing beryllium oxide single crystals Interim engineering progress report, 1 Apr. - 30 Jun. 1970	1970
19700087788	Dynamic filter materials for 530 nm radiation Final report, 6 Aug. 1969 - 30 Jun. 1970	1970
19700087789	Summary of statistics for cartridge and propellant actuated devices	1970
19700087790	ARECIBO 430 MHz feed development study Quarterly engineering report	1970
19700087791	Oceanographic cruise summary, Kane Basin, September 1969	1970
19700087792	Examination of the effects of water rinse on aircraft compressor efficiency	1970
19700087793	The effect of material properties on helicopter rotor blade frequencies Final report, 3 Oct. 1968 - 3 Oct. 1969	1970
19700087795	Review of recent developments - Oxidation- resistant coatings for refractory metals	1970
19700087796	Review of recent developments - Mechanical properties of metals	1970
19700087798	EMC data collection techniques test methods RS Interim technical report, 2 Nov. 1969 - 2 May 1970	1970
19700087799	Study of NAVOCEANO's performance and deterioration data collection program plan, task 1 Final report	1970
19700087800	The mechanisms and kinetics of aerosol filtration Quarterly progress report, Aug. - Oct. 1969	1970
19700087801	Performing IFF with ICNI	1970
19700087802	Studies of display symbol legibility. 25 - The relative legibility of stroke generated symbols and a comparison of the legibility of stroke symbols and dot symbols Technical report, Jul. - Sep. 1969	1970
19700087803	Environmental sensitivity of structural metals - Liquid metal embrittlement Annual technical progress report, 25 Jun. 1969 - 24 Jun. 1970	1970
19700087804	Geodetic, gravitational, and mapping parameters program Technical report, May - Aug. 1968	1970
19700087805	Base line vibration data of propulsion systems and auxiliary machinery on the USS Highpoint PCH-1 hydrofoil	1970
19700087806	The tapered, grooved heat pipe - A feasibility study	1970
19700087808	The compatibility of various metals with MHF-3 Final report, Jul. 1969 - Jul. 1970	1970
19700087809	Incremental velocity requirements for bi-elliptic transfers into stationary orbits	1970
19700087810	Development program for the design, fabrication and assembly of pyrotechnic latches Final report, 28 May 1969 - 28 Feb. 1970	1970
19700087811	Satellite and radar analysis of mesoscale features in the tropics Semiannual report, 1 Jun. - 31 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087812	Missile flight functioning Final report	1970
19700087813	Feasibility study to select candidate materials for fabrication of a protective system for the shipment and storage of aircraft engines	1970
19700087814	Development of dispersion strengthened nickel- base sheet alloys Technical report, 15 May 1967 - 28 Feb. 1969	1970
19700087815	Survivable flight control system development program	1970
19700087816	New methods of wideband scattering analysis Final technical report, 24 Mar. 1969 - 24 Mar. 1970	1970
19700087817	Jet plume simulation at Mach number 10 Final report, 28 oct. - 7 Nov. 1969	1970
19700087818	Aerodynamic characteristics of wing-mounted devices for producing roll control of a variable-sweep-wing fighter aircraft under high lift conditions at transonic speeds Final report	1970
19700087820	Research and exploratory development /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700087821	SNAP 27, summary report /U/	1970
19700087822	Thermoelectric generators for space missions, part 1 /U/ Annual summary report, 1 Jul. 1968 - 30 Jun. 1969	1970
19700087823	Summary report on SNAP-29 program /U/	1970
19700087826	Listings of avionics for USAF aircraft /U/	1970
19700087835	Air condensation effects at M = 8.5 measured on the drag and the wake of a magnetically suspended 20 deg cone	1970
19700087837	On the spontaneous ignition temperature of organic materials in oxygen	1970
19700087838	Sputtering yields of gold and tantalum in argon-oxygen mixtures	1970
19700087839	The role of impurities in the abrasiveness of MoS ₂	1970
19700087841	Approaches to ladder structures. 2 - Polymers from reaction of aromatic ortho amino substituted carboxylic acids with thionyl chloride Technical report, Nov. 1965 - Nov. 1967	1970
19700087843	Axisymmetric flow with heat addition to simulate base-burning	1970
19700087846	Adaptation of the convex draw die to the production of aircraft engine rings Interim engineering progress report	1970
19700087847	Supplemental calibration results for the AEDC propulsion wind tunnel /16T/ Final report	1970
19700087848	Laser beam steering at 10.6 microns Final technical report, 1 Dec. 1968 - 1 Mar. 1970	1970
19700087849	Identification of the longitudinal aerodynamic derivatives of the Hunter Mk 12 from flight records using a model matching technique	1970
19700087850	Investigation of improved R-11 ejector design concepts Final report	1970
19700087851	Some shockless axisymmetric flows with heat addition	1970
19700087852	A parallel motion creep extensometer	1970
19700087853	Possible losses in airspeed during turning manoeuvres in gusty air	1970
19700087854	A finite deflection analysis of shallow arches by the discrete element method	1970
19700087856	Investigation of airborne wind sensing systems /U/ Final summary report	1970
19700087861	Noise form pressure gradient hydrophones measured in SITU /U/	1970
19700087867	Texas Instruments MTI processor for AN/APQ-99 forward-looking radar /RF-4C/ /U/ Final report	1970
19700087868	Thermal decomposition of explosives. Part 5 - The decomposition of TNT in the presence of various substances /U/	1970
19700087875	Review of research activities, 1 January - 31 December 1969	1970
19700087876	Performance tests of a Pratt and Whitney Aircraft TF30-P-12 turbofan engine at selected sea level and altitude conditions /U/ Final report, 18 Feb. - 27 May 1969	1970
19700087879	Acoubuoy Mercury battery performance estimates /U/	1970
19700087880	Developmental investigation of the general technical services free body sensor /U/ Interim report	1970
19700087881	A study of batteries for long range guided projectiles /U/	1970
19700087882	The 40 mm gated microchannel array development /U/ Interim technical report, 7 Dec. 1968 - 6 Mar. 1969	1970
19700087883	The 50 millimeter microchannel arrays /U/ Final report, Mar. 1967 - Mar. 1968	1970
19700087885	Exploratory development of a bonded expulsion device /U/ Quarterly progress report, Jan. - Mar. 1970	1970
19700087886	Target and Activity Display System /TADS/ /U/ Final report	1970
19700087887	Integrated logistics /U/ Annual report, 1969	1970
19700087889	A fluidic generator as an environmental charging device for USAF electric bomb /U/	1970
19700087890	Analytical and experimental investigations of the high L/D FDL-6 configuration at Mach numbers 1.89, 2.3, and 3.0 /U/ Final report, Jan. - Apr. 1969	1970
19700087891	Acceptability demonstration of the epoxy lined MAPP storage tank /U/ Final report, 21 May - 23 Jun. 1970	1970
19700087896	Improved potting and encapsulating compounds for space application Final report, 21 Apr. 1969 - 21 May 1970	1970
19700087897	Low cycle fatigue of butt weldments of HY-100/T/ and HY-130/T/ steel Final report, Jan. 1969 - Jun. 1970	1970
19700087898	TEFS EMP simulator Final report	1970
19700087899	A test sound source for broad-band microphones for the measurement of sound pulses in liquids	1970
19700087900	Numerical phase discriminator	1970
19700087901	Chlorofluorinated oils, waxes, and greases	1970
19700087902	Sizing and design of large vessels of fiber glass reinforced composites	1970
19700087903	Astro-geo project Spitsbergen, 1968-1970	1970
19700087904	Thermal protection of a man in immersion	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087905	Buffet characteristics of the model F-4 airplane in the transonic flight regime Final report, Sep. - Oct. 1969	1970
19700087907	Nuclear magnetic resonance moisture meter for explosives Final report	1970
19700087908	Sampling tests of 14, type MS18045-42, lead-acid aircraft batteries manufactured by Gould, Incorporated Final report	1970
19700087909	A FORTRAN code for the calculation of VLF and LF propagation in a nuclear environment /WEDCOM MB/	1970
19700087910	Development of improved diodes for missile beacons Final report	1970
19700087911	Improved inside diameters through roller burnishing	1970
19700087912	Operation of the Tonto Forest seismological observatory Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19700087913	Cold water protection for aircrew personnel using a heated water source	1970
19700087914	Feasibility study of a continuous cloud-pattern variable derived from satellite data and related to cyclone development Final report, 1 Jun. 1969 - 1 Jun. 1970	1970
19700087915	Partial spectrum signature on the AN/SPN-10 radar set, serial A5, A6 Final report	1970
19700087916	Minimum cost design space launch vehicle management plan	1970
19700087917	Protection of steel pontoon floats from corrosion Final report, Jun. 1966 - Jan. 1970	1970
19700087918	Test and evaluation of first article production model AN/SPN-10/42 linear polarized shipboard alignment corner reflector Final report	1970
19700087919	Airfield pavement condition survey, USNAF El Centro, California	1970
19700087920	Research directed toward the development of an improved process for optical grating ruling Final report, 1 Feb. 1967 - 31 Jan. 1970	1970
19700087921	Airfield pavement condition survey, USMCAS Cherry Point, North Carolina	1970
19700087922	Integrated engine instrumentation system study, energy management subsystem investigation. Volume 1 - Basic document Final technical report, 1 Nov. 1968 - 30 Apr. 1970	1970
19700087923	Integrated engine instrumentation system study, energy management subsystem investigation. Volume 2 - System basis appendixes A, B, D, E Final technical report, 1 Nov. 1968 - 30 Apr. 1970	1970
19700087924	Integrated engine instrumentation system study, energy management subsystem investigation. Volume 3 - Theoretical basis appendixes F, G, H, I Final technical report, 1 Nov. 1968 - 30 Apr. 1970	1970
19700087925	An investigation of holographic parameters	1970
19700087926	UHF configured terminals for tactical satellite communications. Developmental bulletin	1970
19700087927	Application of the Northrop rotational simulator to helicopters and V/STOL aircraft /User's guide/ Final report, 1 Feb. 1968 - 1 Jan. 1970	1970
19700087928	Airfield pavement condition survey, USNAS South Weymouth, Massachusetts	1970
19700087929	Large scale integrated digital subsystems for communications Quarterly progress report, 20 Jun. - 19 Sep. 1969	1970
19700087930	Liquid helium, closed-cycle cryogenic refrigerator Final technical report, 1 Oct. 1963 - 30 Nov. 1969	1970
19700087931	Aerodynamic effects on photographic resolution with various fullscale RF-4C reconnaissance aircraft nose configurations at transonic speeds Final report	1970
19700087932	Tactical missile encounter /TAME/ simulation computer program. Volume 1 - Analyst manual	1970
19700087933	Tactical missile encounter /TAME/ simulation computer program. Volume 2 - Users manual	1970
19700087934	Advanced flash X-ray system. Volume 1 - Development Technical report, Nov. 1965 - Jul. 1968	1970
19700087935	Advanced flash X-ray system. Volume 2 - Modifications Technical report, Nov. 1965 - Jul. 1968	1970
19700087936	Executive management requirements analysis for the integrated facilities system Final report	1970
19700087937	Economic analysis of the conus integrated facilities system Final report	1970
19700087938	Evaluation of transponder system tester developed by Stewart-Warner Electronics Final report	1970
19700087939	Compiler design for the Illiac 4 Semiannual technical report, 13 Jan. - 12 Jul. 1970	1970
19700087940	Effects of pressure on burning rate of manganese and tungsten delay compositions Technical report, Oct. 1968 - Aug. 1969	1970
19700087941	Surveillance of Tartar hot gas pressure switch	1970
19700087942	Radiation-induced second breakdown Technical report, Aug. 1969 - Feb. 1970	1970
19700087943	Designers handbook for spaceborne two-stage vuilleumier cryogenic refrigerators Final technical report, 15 Oct. 1969 - 30 Jun. 1970	1970
19700087944	Synthesis of thermally stable polymers Summary report, 1 Dec. 1968 - 30 Nov. 1969	1970
19700087945	Review of recent developments - Low-temperature properties of metals	1970
19700087946	Advanced composite material structural hardware development and testing program, volume 1 Final report, 1 Apr. 1968 - 31 May 1970	1970
19700087947	Nonlinear free vibrations of thin, circular cylindrical shells Final technical report	1970
19700087948	Stress distribution and material characteristics of composite materials under oblique loadings Final report, 31 Oct. 1968 - 31 Oct. 1969	1970
19700087949	An investigation of the structural dynamics of helicopter rotors Final report, Jun. 1967 - Oct. 1969	1970
19700087950	The humoral and neural regulation of erythropoiesis	1970
19700087951	Radiation of a magnetic line source through a wedge-shaped plasma sheath	1970
19700087952	Electron physics research. Electron beam- semiconductor active devices- Lowpass amplifiers and pulse systems Final report, 1 Mar. 1967 - 30 Mar. 1970	1970
19700087953	A solid propellant failure criterion Final report, Jun. 1969 - Feb. 1970	1970
19700087954	Development of a manufacturing method for the production of aircraft structural components of titanium by high-frequency resistance welding Interim technical report, 1 May - 1 Aug. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700087955	Clear weather 15 GHz signal variations for 9.5 mile path	1970
19700087956	Shipboard hf receiving antenna system, Design criteria Research and development report, Oct. 1969 - Apr. 1970	1970
19700087957	The coherence function - Classical Fourier technique as compared to binary Fourier approach	1970
19700087958	Review of fire hazard distances Final report, 2 Jan. - 16 Apr. 1970	1970
19700087959	Drag and performance of several aerodynamic decelerators at Mach number 8 Final report, 20 Oct. - 10 Dec. 1969	1970
19700087960	Regenerative fuel cell system Technical report, Dec. 1968 - Jun. 1970	1970
19700087961	SPARC computer program Technical report, Jun. 1969 - Jan. 1970	1970
19700087962	Radiation hardened junction field effect transistors	1970
19700087963	Research on ion implantation in semiconductors Final scientific report, 1 May 1968 - 30 Apr. 1970	1970
19700087964	Exploratory development and analytical support of experimental materials Final technical report, 4 Feb. 1969 - 4 Feb. 1970	1970
19700087965	Alkaline polyamide and its use in sliding bearings	1970
19700087966	Lights, runway Final report	1970
19700087967	A laboratory evaluation of an airborne ASW night illuminating system Final report	1970
19700087968	Vibratory response of an acoustic radiation from thin panels excited by turbulent boundary layer pressure fluctuations	1970
19700087969	Evaluation of Astro Research Corporation's deployable lattice structure column Final report, Jul. 1969 - Jul. 1970	1970
19700087970	Review of recent developments - Metalworking	1970
19700087971	Synthesis of a polymeric bonded solid lubricating film Technical report, Jan. - Aug. 1969	1970
19700087972	Evaluation of band-pass filter, APN 11153035	1970
19700087973	Performance evaluation of parachute canopies incorporating boundary layer control Final report	1970
19700087974	Effect of consistency, oil separation, and thickener concentration on grease performance Technical report, Jan. 1966 - Dec. 1968	1970
19700087975	Analysis of seismic events as recorded on both wide band long period and standard VELA long period seismograph systems	1970
19700087976	Design, fabrication, and flight testing of self-organizing flight control system Final technical report, 31 May 1966 - 15 Mar. 1970	1970
19700087977	The use of interactive graphics to reduce and eliminate errors	1970
19700087978	Crystal structures of beryllium oxide and beryllium sulfide	1970
19700087980	SIMCE /User's manual/. Volume 2	1970
19700087982	Orbiting astronomical observatory fine pointing test facility design concepts and spacecraft test results	1970
19700087984	Primate Hemodynamics And Metabolism in an Orbiting Satellite /PHAMOS/ Semiannual status report, 1 Feb. - 31 Jul. 1970	1970
19700087985	Study of Advanced Techniques for Determining the Long Term Reliability of Components Quarterly Progress Report, 14 May - 14 Aug. 1970	1970
19700087986	Boundary Cooled Rocket Engines for Space Storable Propellants Quarterly Report, 1 Apr. - 1 Jul. 1970	1970
19700087987	Results of realizing a national program of preparing for the experimental production of hybrid thin-film microcircuits	1970
19700087988	Measurement of wall pressure fluctuations with a wave-vector filter	1970
19700087991	Methods of improving the efficiency of photovoltaic cells Semiannual report, 1 Mar. - 31 Aug. 1970	1970
19700087992	Relative location of explosions using surface waves	1970
19700087993	Lubrication document /982384/	1970
19700087996	Analytical investigation of a low cost expendable tankage system for an advanced staging vehicle concept Final technical report, Feb. - Dec. 1969	1970
19700087997	Theory of intrinsically strained broadened line shapes for magnetic resonance absorption within a non-Kramers doublet	1970
19700087999	Evaluation of improved transparent materials and adhesives for ballistic and impact shields Technical documentary report, 1 Jun. 1967 - 31 Dec. 1968	1970
19700088000	Evaluation of the mechanical and temperature cycling capabilities of solid propellant and binders containing a difunctional hydrocarbon prepolymer Quarterly technical report, 1 Apr. - 30 Jun. 1970	1970
19700088001	Transformations, microstructures, and properties of continuously cooled 10Ni-2Cr-1Mo-8Co steel	1970
19700088002	Theory-of-errors research and chronometric measurement techniques when using mounted gyroscopes in combination with electro-optical rangefinder AGA-GEODIMETER 4B	1970
19700088005	Mechanical shock Final report	1970
19700088006	Transonic flow field calculation around ogive cylinders by nonlinear-linear stretching method	1970
19700088007	Production engineering measure for high- voltage aluminum high-reliability electrolytic capacitors Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700088008	An HF antenna for oblique propagation having approximately circular polarization over appreciable frequency and vertical-angle intervals	1970
19700088009	The 11603 Lance missile no. 5139, round no. 90 Meteorological data report for 6 Jul. 1970	1970
19700088010	The 11601 Lance missile no. 5107, round no. 88 Meteorological data report for 25 Jun. 1970	1970
19700088011	Aerobee 150 KP 3.31 Meteorological data report for 15 Jun. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088012	Collision and Obstacle Terrain Avoidance Warning System /COTAWS/ malfunction sensor study Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700088013	A multi-scale research program in tropical meteorology Quarterly progress report, 1 Jul. - 31 Oct. 1969	1970
19700088014	Interference prediction model development - A bit error probability model	1970
19700088015	Machinability parameters on new and selective aerospace materials Interim engineering progress report, 1 May - 31 Jul. 1970	1970
19700088016	QKS1267 refinement program Quarterly development report, 1 Jan. - 31 Mar. 1970	1970
19700088017	Experimental research on collisions of heavy particles at energies up to MeV Technical report, 15 Jul. 1968 - 9 Dec. 1969	1970
19700088018	Dielectric antenna study Final report	1970
19700088019	Long period array processing development Quarterly report, 1 May - 31 Jul. 1970	1970
19700088020	Feasibility study of the M-21 programmed-drum arresting gear deadload and airframe/barricade arrestments Final report, 16 Jan. 1969 - 15 May 1970	1970
19700088021	Transonic aerodynamic characteristics of a small Air-to-Air Missile /AAM/ model	1970
19700088022	SIMCE users manual, volume 1	1970
19700088023	Form rolling structural shaped tubing Interim engineering progress report, 1 Jun. 1969 - 31 May 1970	1970
19700088025	Development of a 900 f titanium alloy Final report, May 1969 - Jun. 1970	1970
19700088026	Development of an LSI associative processor Final report, 1 Jun 1969 - 1 May 1970	1970
19700088027	Maintainability prediction and demonstration techniques Final report, Dec. 1969 - Mar. 1970	1970
19700088028	Gravity water wave refractions using group velocity Research report, Aug. - Oct. 1969	1970
19700088029	Improvement of interlaminar shear strength in organic matrix composites utilizing plasma deposited coupling agents Quarterly report, 1 Apr. - 1 Jul. 1970	1970
19700088031	Titanium powder metallurgy forging Interim engineering progress report, 1 May - 1 Aug. 1970 on phase 3	1970
19700088032	The temperature, pressure, and flow distribution characteristics around a transpiration cooled cylinder in cross flow Technical report, 15 Oct. 1968 - 1 Jun. 1969	1970
19700088034	Development of an Improved Integration Scheme for Digital Differential Analyzers Final Report, 1 May - 20 Jul. 1970	1970
19700088035	T55 product support and component improvement programs Report for second quarter CY 1970	1970
19700088036	Systems safety guidelines of new space operations concepts. Space shuttle system safety. Volume 1 - Executive summary Final report	1970
19700088037	Engineering evaluation of the integrated-type torso harness for US Army OV-1 Mohawk aircraft Final report, 30 Jan. 1969 - 16 Feb. 1970	1970
19700088038	High strength modified copper-nickel alloys for submarine sea-water piping systems	1970
19700088039	Development of transmitter pulse width circuitry modification to AN/UPX-1 Final report	1970
19700088041	Manufacturing technology for materials, designs and fabrication of extrusion dies for hot extruding of steel and titanium structural sections Interim engineering progress report, 1 Apr. - 30 Jun. 1970	1970
19700088042	Research on integral delay lines Final report, Dec. 1967 - Mar. 1969	1970
19700088043	Electromagnetic pulse theoretical notes. Volume 3 - Notes 49 through 62	1970
19700088044	Stability of oxides in metal or metal alloy matrices Technical report, 15 May 1969 - 15 May 1970	1970
19700088045	Simulated altitude performance of five Thiokol Chemical Corporation TE-344 Titan 2 retromotors having ages from 84 to 91 months Final report	1970
19700088047	Elastic and maximum strength analyses of postbuckled rectangular plates based upon modified versions of Reissners variational principle Final technical report	1970
19700088048	Inlet flow-field surveys of generalized 1/4 scale tactical aircraft models at transonic and supersonic Mach numbers Final report, 9 Feb. - 17 May 1970	1970
19700088049	Development of indium arsenide and indium antimonide surface barrier photodiodes Final technical report, Mar. 1968 - May 1970	1970
19700088050	F-106A transonic buffet flight test Final report, 30 Jun. 1969 - 10 Apr. 1970	1970
19700088051	An approach to the study of the hypersonic near wake of a two-dimensional wedge at angle of attack	1970
19700088052	Automated technical control. Volume 1 - System and facility investigations and considerations Final technical report, 18 Feb. - 18 Dec. 1969	1970
19700088053	Automated technical control. Volume 2 - Individual task investigations and considerations Final technical report, 18 Feb. - 18 Dec. 1969	1970
19700088054	Analytical investigation of aircraft exhaust nozzle performance, volume 1 Final report, 1 Jan. 1969 - 19 Mar. 1970	1970
19700088055	Analytical investigation of aircraft exhaust nozzle performance, volume 2. Part 1 - Appendices Final report, 1 Jan. 1969 - 19 Mar. 1970	1970
19700088056	Analytical investigation of aircraft exhaust nozzle performance, volume 2. Part 2 - Appendices Final report, 1 Jan. 1969 - 19 Mar. 1970	1970
19700088057	Analytical investigation of aircraft exhaust nozzle performance, volume 2. Part 3 - Appendices Final report, 1 Jan. 1969 - 19 Mar. 1970	1970
19700088058	Glass bath heating of forging stock Interim engineering progress report, 1 May - 31 Jul. 1970	1970
19700088059	Research and engineering studies and analyses of fan engine stall, dynamic interaction with other subsystems and system performance Final report, 1 Jul. 1968 - 30 Jun. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
1970088060	Statistical investigation of amplitude fluctuations detected on carrier signals propagated at 9.7 GHz and 69 GHz Final technical report	1970
1970088061	On-line trainable adaptive process control Interim engineering progress report, 1 May - 31 Jul. 1970	1970
1970088062	Dynamics of particles in free molecular flow with application to high altitude meteoric dust collection devices Final report, 18 Jul. 1968 - 26 Feb. 1970	1970
1970088063	Radioisotope power devices of the US Navy, volume 4, number 2 Quarterly report, 1 Apr. - 30 Jun. 1970	1970
1970088064	The Doppler velocimeter Final report	1970
1970088065	Lance warhead vibration investigation	1970
1970088066	Long-focal-length telescope and image- intensifier image orthicon television camera system Final report	1970
1970088067	Aircraft surface operation - Soil surface correlation study Final report, 15 Aug. 1969 - 15 Feb. 1970	1970
1970088068	Fabrication and evaluation of advanced high- effectiveness cryogenic heat exchangers Final technical report, 1 Apr. 1968 - 28 Feb. 1970	1970
1970088069	Active impedance matching for microwave acoustic delay lines Quarterly report	1970
1970088070	Study of spurious signal generation in microwave tubes, phase 11 Quarterly report, 4 Mar. - 4 Jun. 1970	1970
1970088071	Instrumentation for Nuclear Weapon Effects Simulation Symposium, Volume 1 - Electromagnetic pulse	1970
1970088072	Fire resistant /PBI/ summer flight coveralls, CWU-20/P	1970
1970088073	Mark 3 plasma neutron source Technical report, Mar. 1969 - Mar. 1970	1970
1970088074	Newsletter no. 22 - Reaction rate series	1970
1970088075	Annual review of type-life programs, fiscal year 1969	1970
1970088076	Air compressor Final report	1970
1970088077	Measurement of low wave-number content of a turbulent boundary layer pressure field	1970
1970088078	Optimization of chemically rigidized expandable structure techniques Final report, Jan. - Dec. 1969	1970
1970088079	Jet interaction and holographic interferometry	1970
1970088080	A method for the numerical inversion of the two dimensional fourier transform	1970
1970088081	Study of the integration of a multicolor panel display with military maps Quarterly progress report, 15 Jan. - 14 Apr. 1970	1970
1970088082	Humidity tests Final report	1970
1970088083	Development, operation and characteristics of the 4-foot-diameter, 1500-Kip-capacity dynamic load generator Technical report, Jun. 1960 - Feb. 1969	1970
1970088084	Advanced interconnection and packaging techniques for integrated circuits Quarterly report, 1 Jan. - 31 Mar. 1970	1970
1970088085	Rational pavement evaluation. Review of present technology, volume 2 Technical report, Feb. 1968 - Jun. 1969	1970
1970088086	Metal-insulator-semiconductor transistor for use as a nonvolatile digital storage element Final technical report, 3 Feb. 1969 - 2 Feb. 1970	1970
1970088087	Optimum meteoroid shield sizing for the nuclear orbit-to-orbit shuttle	1970
1970088088	Reduction of computer requirements for the sequential likelihood ratio processor Final report, 3 Mar. 1969 - 3 Mar. 1970	1970
1970088089	Solid state power controllers suited for use in space environment Phase 1 report, 12 May - 12 Jul. 1970	1970
1970088090	Review of recent developments - Corrosion and compatibility	1970
1970088091	Convertible fan/shaft engine variable fan geometry investigation Final report	1970
1970088092	Applied optics research Quarterly report, 1 Jan. - 31 Mar. 1970	1970
1970088093	General airborne Tacan equipment Final report	1970
1970088094	Body armor Final report	1970
1970088095	Mark 2A subassembly failure. Westinghouse questionnaire	1970
1970088096	Evaluation of an under sodium pressure transducer	1970
1970088098	The Dracule, an equipment for the study of the radioisotope content of hot gas-reactor coolant. Project Dragon	1970
1970088099	Development of a transparent adhesive compatible with polycarbonate for use in ballistic shields Technical documentary report, 1 Jun. 1969 - 31 Mar. 1970	1970
1970088100	Mid-latitude transit of the north Pacific Ocean by the USNS Charles H. Davis /T-AGOR/ October 1969. Oceanographic cruise summary	1970
1970088101	Preliminary sizing of filament-wound RNS tanks	1970
1970088102	Manufacturing methods and technology measure - Ultraprecision integrated-circuit photomasks Quarterly progress report, 1 Feb. - 30 Apr. 1970	1970
1970088103	Dispersion-strengthened metal structural development Interim technical report, 1 May - 1 Aug. 1970	1970
1970088104	Structure-functional relationships in human and high altitude adapted mammals hemoglobins Annual report, 14 Apr. 1969 - 14 Apr. 1970	1970
1970088105	Low temperature-stable waterless cleaners	1970
1970088106	Laser missile guidance system	1970
1970088107	Variables affecting the performance of jet fuel filter-separators Final technical report, 2 Dec. 1968 - 31 Dec. 1969	1970
1970088108	Utility of DME information for final approach and rollout CDG-TAC-6 Technical note, Jan. 1968 - Jun. 1970	1970
1970088110	A production engineering measure for traveling-wave tubes Quarterly report, 2 Mar. - 29 May 1970	1970
1970088111	The development of improved aluminum polishes for Naval aircraft, part 1 Progress report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088112	Time-sequencing passive impulse gage Technical report, Mar. 1969 - Feb. 1970	1970
19700088113	The apparent temperature and emissivity of natural surfaces at microwave frequencies	1970
19700088114	Ambient temperature binder cure catalysts for hydroxy terminated systems Quarterly technical report, 1 Apr. - 30 Jun. 1970	1970
19700088115	Report of the Secede 3 exercises program LaMBDA Final report	1970
19700088116	C-band phased array crossed-field amplifier development Final technical report, 24 Jul. 1967 - 30 Nov. 1969	1970
19700088117	Experimental investigation of Boundary Layer Control /BLC/ devices at transonic speeds. Volume 1 - Analysis of test results Final technical report, 25 Nov. 1968 - 23 Jan. 1970	1970
19700088118	Experimental investigation of Boundary Layer Control /BLC/ devices at transonic speeds. Volume 2 - Test program, instrumentation, data reduction and basic data compilation Final technical report, 25 Nov. 1968 - 23 Jan. 1970	1970
19700088119	Visual airborne target location systems Final report	1970
19700088121	The design of prismatic high temperature reactor fuel elements, part 5. Project Dragon	1970
19700088123	Measurement and normalization of the Pu 239 fission cross-section in the low resonance region	1970
19700088124	Proximity warning devices Final report	1970
19700088125	Thermal stress analysis by the finite element method	1970
19700088126	Studies in navigation techniques. Phase shift keyer Final report	1970
19700088127	Graphite fiber tow, epoxy matrix composites Technical report, Mar. - Nov. 1968	1970
19700088128	Operation and close-out of the Uinta Basin Seismological Observatory Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19700088129	Air transportability, including helicopters Final report	1970
19700088130	Determination of crosslink densities and percentages of sol in TP-H-3105 propellant specimens aged in vacuum and under 50 per cent relative humidity Final report	1970
19700088133	Optimal model following techniques applied to the lateral-directional axes of a fighter aircraft	1970
19700088134	Nimbus D Thorad/Agna 13 Final flight report	1970
19700088136	Electric thruster system design study Final report	1970
19700088137	Systems Safety Guidelines of New Space Operations Concepts. Volume 2 - Detailed Guidelines by Mission Phase and Event Final Report	1970
19700088138	Systems Safety Guidelines of New Space Operations Concepts. Volume 3 - Detailed Guidelines by Subsystem Final Report	1970
19700088139	Space station - Executive summary	1970
19700088140	Thermally resistant polymers for fuel tank sealants Annual summary report, 1 Jul. 1969 - 30 Jun. 1970	1970
19700088141	Asymptotic study of the flow a large distance from an obstacle moving at the speed of sound	1970
19700088142	Asymptotic behavior of sonic flow around a body of revolution of finite dimensions, downstream from the shock wave	1970
19700088143	Space station program phase B definition. Solar-powered space station preliminary design. Volume 7 - Space station drawings	1970
19700088144	Hugoniot data on dense hafnium titanate shocked to 150 kilobars Technical report, Nov. 1969 - Feb. 1970	1970
19700088146	Production engineering measure for field effect, metal-oxide, semiconductor, Cascode, 100 MHz Quarterly report, Jan. - Apr. 1970	1970
19700088147	Development of a manufacturing method for the production of aircraft structural components of titanium by high-frequency resistance welding Interim technical report, 1 Feb. - 1 May 1970	1970
19700088148	Space Station Program Phase B Definition. Space Station Earth Surveys Module Preliminary Performance Specification	1970
19700088150	Physics aspects of NTR core design. Project Dragon	1970
19700088151	Space Station Program Phase B Definition. Solar-powered Space Station Definition. Volume 2 - Mission Operations and Payloads Analysis. Part 2 - Mission Operation Analysis	1970
19700088152	Comparative economic study of launch facilities, launch operations and support for a 120 inch SRM tri-cluster launch vehicle at the Kennedy Space Center and Kennedy Air Force Station. Addendum report	1970
19700088153	Evaluation of high strength graphite fabrics for flexible structures	1970
19700088155	Construction elements of amorphous semiconductors	1970
19700088156	Evaluation and application of data from low gravity orbital experiment. Phase 2 - Marker and cell method for solution of fluid dynamic problems Final report	1970
19700088157	Remote detection of trailing vortices Final report, 30 Jun. 1969 - 9 Feb. 1970	1970
19700088158	Chemistry and Materials Science Division Progress report, 1 Jan. - 31 Mar. 1970	1970
19700088159	Research and development of refractory oxidation-resistant diborides. Volume 7, part 2 - Application evaluations and design considerations Technical documentary report, 15 Sep. 1967 - 15 Nov. 1969	1970
19700088160	High quality Nd-YAG laser materials Final report, 15 Mar. 1969 - 14 Mar. 1970	1970
19700088161	Evaluation of commercially available eddy current equipment Summary report, Oct. 1968 - Aug. 1969	1970
19700088162	Dielectric measurements on high-temperature materials Final report, 1 Nov. 1966 - 31 Mar. 1970	1970
19700088164	Space station program phase B definition. Executive summary	1970
19700088165	Space station program phase B definition. Solar-powered space station preliminary design. Volume 4 - Special studies engineering analysis	1970
19700088166	Space Station Program Phase B Definition. Solar-Powered Space Station Program Cost and Schedules	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088168	An earth horizon sensor	1970
19700088170	The effect of the presence of non-condensable gas on the collapse of a sodium vapour bubble	1970
19700088171	A report on the rebuilding of the Mk 2B sub-assembly DFR 209 for re-irradiation in the Dounreay fast reactor	1970
19700088172	Space station program development definition. Volume 2 - Program plan	1970
19700088173	Preliminary systems design data. Volume 3 - Supporting analyses. Book 1 - Design supporting analysis	1970
19700088174	Costs and schedules data	1970
19700088175	Crew operations definitions	1970
19700088176	Space base concept data /phase A definition/. Volume 5 - Space base commonality analysis	1970
19700088177	Preliminary systems design data. Volume 3 - Supporting analyses. Book 4 - Safety/ long-life/test philosophy	1970
19700088178	Space station definition. Volume 5 - Subsystems. Book 3 - Information management	1970
19700088179	Phase C/D program requirements plans. Volume 1 - Space station program requirements plans	1970
19700088180	Space station program development definition. Volume 1 - Program and project specifications. Book 2 - Project specifications	1970
19700088181	Computed physical and thermodynamic properties of various He-CO ₂ -N ₂ mixtures	1970
19700088183	Production of complex sections with convex draw dies Interim engineering progress report, 1 Apr. - 30 Jun. 1970	1970
19700088184	Measurements of stiffened cylinder response to turbulent boundary layers	1970
19700088185	Fast reactor programme Progress report, Jul. - Sep. 1970	1970
19700088192	The aerodynamic effect of ground proximity on lateral control of slender aircraft in the landing approach	1970
19700088193	The mechanical design of a Transversely Excited Atmospheric pressure /TEA/ CO ₂ laser system for high pulse rate and high average power	1970
19700088194	Applied science division Progress report, 1 Jan. - 31 Mar. 1970	1970
19700088198	Electrode shape for the production of uniform electric fields	1970
19700088199	A Mirapino snow-plough model	1970
19700088200	Effect of dilute solutions of drag-reducing additives on wall pressure fluctuations	1970
19700088201	Aerodynamic characteristics of the F-4E aircraft with 35 external load configurations Final report	1970
19700088202	Evaluation of fluidic devices for engine control application Final report	1970
19700088203	Distribution of temperature in a slab after the absorption of pulses of energy at one face	1970
19700088204	The development of the transverse excitation atmospheric pressure laser	1970
19700088205	The generation of multiple uniform discharges from continuous electrodes	1970
19700088206	Cryogenic insulation development Quarterly progress report, 17 Jun. - 17 Sep. 1970	1970
19700088208	Applied Physics Division Progress report, 1 Apr. - 30 Jun. 1970	1970
19700088209	Canadian Materials Newsletter no. 42	1970
19700088211	Advanced Projects and Reactor Physics Division Progress report, 1 Jan. - 31 Mar. 1970	1970
19700088212	Comparison of various procedures for determining interlaminar shear strength	1970
19700088213	The systematic winding of one-piece tanks and other bodies of rotational symmetry with exacting winding programs	1970
19700088215	Testing and strength behavior of boron and carbon-fiber reinforced epoxy resins	1970
19700088216	Direct calorimetric study of the thermal regulation of man during muscular work	1970
19700088217	Loading capacity, processing and use of boron- fiber reinforced composites	1970
19700088218	Influence of renin and cyproheptadin on thirst	1970
19700088219	Proof of the absence of a threshold for uric acid excretion at low concentrations in the blood plasma of man	1970
19700088220	Effects of sudden changes in the composition of inspired gas upon the kinetics of O ₂ consumption during muscular work	1970
19700088221	Asymptotic study of flow at a large distance from a body moving at the speed of sound. Part 2 - Plane flow behind the shock waves	1970
19700088222	Behavior of the capacitive vessels of the hand during brief and moderate work involving the lower limbs	1970
19700088223	Construction and calibration of measuring probes for the testing of combustion chambers of jet engines	1970
19700088225	Apparatus for the measurement of photomultiplier gain and linearity for pulses down to 20ns	1970
19700088226	Parametric survey on fuel cycles and total generating costs for HTR's with hollow rod, teledial and tubular interacting fuel elements. Project Dragon	1970
19700088227	Flight test evaluation of a scratch strain gage Summary report, Mar. - Jul. 1969	1970
19700088230	The analysis of blast wave shapes from free air chemical explosions	1970
19700088231	Support program for extraterrestrial research - Project Super	1970
19700088232	Creep rupture tests under internal canning pressure on Mol-2 reference samples of three austenitic steels	1970
19700088233	Space isotope power program /U/ Quarterly report, Apr. - Jun. 1970	1970
19700088242	Adaptive target tracker /U/ Final report, 24 Dec. 1968 - 23 Dec. 1969	1970
19700088245	The thermal conductivity of plutonium-uranium dioxide at temperatures up to 1273K	1970
19700088246	Changes in gas exchange during moderate muscular work in a transient regime	1970
19700088247	Flow field analysis of rocket motors /U/ Final technical report, 2 Mar. - 1 Sep. 1970	1970
19700088248	Development and demonstration of an advanced attitude control system /U/ Technical report, Oct. 1968 - May 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088249	Redeye 2/MANPADS - The advanced development of a separable ejector motor /U/	1970
19700088250	The development of spin echo technology /U/ Final report, Nov. 1968 - Jan. 1970	1970
19700088252	A methodology for determining the vulnerability of radar antenna reflectors to air blast damage /U/	1970
19700088258	High chamber pressure evaluation of a pyrolytic graphite coated throat insert test nozzle number 1 /U/	1970
19700088259	The crystal structure of two new oxyamine salts, 1DOACL and DOABR /U/	1970
19700088261	Nuclear magnetic resonance spectroscopy - Quantitative analysis of Otto Fuel 2 /U/	1970
19700088263	Analysis of an integrated inertial/Doppler- satellite navigation system. Part 2 - Results of analysis of SIGN 3/TRANSIT flight test data /U/	1970
19700088265	Technical status report for April to June 1970 /U/	1970
19700088266	An evaluation of smoke from Shillelagh missile propellants and other candidates /U/	1970
19700088267	High energy upper stage motor program. Volume 5 - Classified data /U/ Final report	1970
19700088275	Improved propellants for throttleable solid air-augmented rockets /U/ Quarterly technical report, 1 Mar. - 31 May 1970	1970
19700088276	Evaluation of CW mode automatic detection program for command active sonobuoy system /U/	1970
19700088279	The F-14A transonic aerodynamic envelope /U/	1970
19700088290	Problem of safeguarding against rupture in fiber glass plastics	1970
19700088291	Physiology and pharmacology of thirst	1970
19700088292	Optical and infrared masers Semiannual status reports, 1 Oct. 1969 - 30 Sep. 1970	1970
19700088293	Extension of laser harmonic frequency mixing into the 5 micron region, appendix A	1970
19700088294	Fluorescence induced by coherent optical pulses, appendix B	1970
19700088295	Rotational-vibrational spectroscopy of NH ₂ D using high-resolution laser techniques, appendix C	1970
19700088296	Hydrogen-oxygen APS engines - Space shuttle auxiliary propulsion system Quarterly technical progress report, 1 Jul. - 30 Sep. 1970	1970
19700088298	Resupply/repair of solid or hybrid attitude propulsion subsystems Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19700088300	GEOS work accomplished Summary report, Dec. 1966 - Sep. 1970	1970
19700088301	Interpretations of cross correlation and cross spectra measurements of boundary layer turbulence	1970
19700088302	A high performance experimental smooth bore gun 1965 - 1967 coolant trials at chamber pressures of 75000 psi	1970
19700088303	Translations on French nuclear, missile, space, and related military developments	1970
19700088305	Slush hydrogen flow facility	1970
19700088306	Experiments on solids at several Italian nonacademic laboratories	1970
19700088307	Vibration and stage separation of the retrofit 2-3 interstage raceway. LGM-30F missile vibration data for tests 4 and 4A, and stage separation test data Final test report	1970
19700088308	Tensile and ballistic performance of glass reinforced epoxy laminates	1970
19700088309	Study of airborne millimeter radar techniques Final report, 21 Oct. 1968 - 31 Mar. 1970	1970
19700088310	Low frequency coherence of long range explosive sounds and ambient noise in the deep sea	1970
19700088311	Goldstone Apollo antenna mechanical alignment	1970
19700088313	Composite math models for sonar transducer array systems Technical publication, Sep. 1966 - Dec. 1969	1970
19700088314	Airborne operator target recognition training procedures. Volume 1 - Experimental plan for visual reconnaissance study	1970
19700088315	Investigation of effects of nonrecurrent forward surge currents on the electrical parameters of type 2N1913 silicon controlled rectifier	1970
19700088316	Fort Detrick thesaurus, volume 2B	1970
19700088317	An experimental investigation of the elastic buckling strength of spherical shells with flat spots Final report	1970
19700088318	Instrumentation for Nuclear Weapon Effects Simulation Symposium. Volume 2 - Shock effects	1970
19700088319	Instrumentation for Nuclear Weapon Effects Simulation Symposium. Volume 3 - Transient radiation effects on electronic systems	1970
19700088320	Instrumentation for Nuclear Weapon Effects Simulation Symposium. Volume 4 - General instrumentation	1970
19700088321	Color television Report bibliography, Oct. 1952 - Jan. 1970	1970
19700088322	Vibration and stage separation of the retrofit 1-2 interstage raceway. LGM-30F missile Final test report	1970
19700088323	Ventilation mechanism during maximum muscular work in a hyperbaric environment	1970
19700088324	Solid-state analog computer for an aerial radiac system	1970
19700088325	C-141A computer code for runway roughness studies. Volume 1 - Program development Technical report, Aug. 1969 - Jun. 1970	1970
19700088326	The 07001 Little John missile no. 3574, round no. 185 AM Meteorological data report for 21 May 1970	1970
19700088327	Universality of the reflected shock problem in cylindrical ballistic ranges	1970
19700088328	Re-entry physics research program on turbulent wakes Semiannual progress report, 1 Jul. - 31 Dec. 1969	1970
19700088329	Manufacture of high strength TD nickel- chromium tubing Interim report, 15 Mar. - 15 Jun. 1970	1970
19700088330	Experimental procedures for relining of sleeve bearings with polytetrafluoroethylene /Teflon/ fabric Progress report	1970
19700088331	Athena 5-123-D, flight 122 /11 July 1970/ Meteorological data report	1970
19700088332	A water-cooled cholesteric liquid crystal infrared imaging device	1970
19700088333	Vibration and stage separation of the retrofit 2-3 interstage raceway. LGM-30F missile, vibration data for tests 3 and 3A Final test report	1970
19700088334	Hydrofoil seaplane design Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088335	The use of spatially-separated, series-linked thermocouples in flame evaluation Technical report, May - Jun. 1970	1970
19700088336	Minuteman 3 stage 3/4 vibration and stage separation tests. Appendix 7 - GTP test block 1.2.3 /CCP B 1858/ Final test report	1970
19700088337	Evaluation of a circumferential inlet pressure distortion index on a TF30-P-12 turbofan engine Final report	1970
19700088338	Low-temperature study on two meteorological rocket motors Final report	1970
19700088339	Nonequilibrium flow, volume 2 Report bibliography, Dec. 1959 - Jan. 1970	1970
19700088340	The 11601 Lance missile no. 5146, round no. 94 Meteorological data report for 31 Jul. 1970	1970
19700088341	Aerobee 170 AF/A0 4.004-1 Meteorological data report for 26 Jul. 1970	1970
19700088342	The 11601 Lance, missile number 5106, round number 63, 28 July 1970	1970
19700088343	Microwave parametric amplifier Interim technical report, 28 Nov. 1969 - 27 Feb. 1970	1970
19700088344	Flight test evaluation of an active discharger system, phase 2 Interim technical report, Mar. 1968 - Jan. 1970	1970
19700088345	An investigation of the effects of acceleration and strand length on post-fire residue of aluminized propellants	1970
19700088346	Development of a method to produce pictures with acoustic energy Technical report, 1 Dec. 1969 - 31 May 1970	1970
19700088347	Production engineering measure for Schottky- barrier gallium-arsenide diode Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700088348	Investigation to develop a high strength eutectic alloy with controlled microstructure Final report, 1 Aug. 1969 - 31 Jul. 1970	1970
19700088349	Some research on solids in the vicinity of Paris	1970
19700088350	Composition and distribution of lipids in cells of Saccharomyces cerevisiae	1970
19700088351	Asymptotic study of the flow at a great distance from an obstacle moving at the speed of sound, part 3	1970
19700088352	On the statistical description of discrete gusts in the atmosphere and the relationship to continuous turbulence	1970
19700088353	The 11603HC Lance, missile number 5136, round number 89 RGT, 30 June 1970	1970
19700088354	Analysis of acoustic communication systems employing towed arrays Quarterly report, 27 Apr. - 27 Jul. 1970	1970
19700088355	Some Belgian research on crystalline solids	1970
19700088356	Mechanical design of Radio Astronomy Explorer /A/	1970
19700088357	Thermal analyses studies on candidate solid JPL propellants for heat sterilizable motors	1970
19700088358	Development of microwave integrated circuit noise source Final quarterly report, 16 Apr. 1969 - 28 Aug. 1970	1970
19700088360	Wind tunnel investigation of airfoils oscillating in reverse flow. Volume 2 - Data report Final report	1970
19700088361	Research on electrochemical energy conversion systems Interim technical report, May - Nov. 1969	1970
19700088362	Molecular engineering of Pt based electrocatalysts for hydrocarbon fuel cell electrodes Semiannual interim report, 1 Nov. 1969 - 30 Apr. 1970	1970
19700088363	Annotated bibliography on underwater communication Progress report	1970
19700088364	Research on the electrochemical oxidation of hexane and its isomers Semiannual interim report, 16 Nov. 1969 - 15 May 1970	1970
19700088365	Microcircuit crystal oscillator Quarterly report, Mar. - Jun. 1970	1970
19700088366	Summary of transition temperature data for the HY-130 steel weldment system Final report	1970
19700088367	Development of lower cost nickel-zinc batteries Final report, Feb. 1969 - May 1970	1970
19700088368	Stress analysis/measurement techniques for pressure vessels Progress report, Oct. 1969 - Jan. 1970	1970
19700088369	Computer study of the performance of shipboard high frequency antennas Final report	1970
19700088370	Sensitivity analysis of the ballistic equation using backward integration technique	1970
19700088371	Evaluation of the ASW-25A data link installation and Approach Power Compensator System /APCS/ in the F-4B airplane Final report	1970
19700088372	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 Feb. - 30 Apr. 1970	1970
19700088373	Pulse Duration Modulation PDM voice modems Final report, 1 Jul. 1969 - 15 Jan. 1970	1970
19700088374	Research and development of an electron beam semiconductor amplifier Final report, 1 Apr. 1969 - 31 Mar. 1970	1970
19700088375	Multimegavolt modulator study Final technical report, 6 Mar. 1969 - 4 Mar. 1970	1970
19700088376	The direct graphitization of polymer yarns Technical report, Oct. 1966 - Jan. 1967	1970
19700088377	Advanced propulsion test facility research Final report, Sep. 1968 - Jan. 1970	1970
19700088378	The 11604 Lance, missile number 5118, round number 91, 21 July 1970	1970
19700088379	Airfield pavement condition survey, USNWL Dahlgren, Virginia	1970
19700088380	Heat of crystallization as a heat source for divers Technical note, Nov. 1968 - Nov. 1969	1970
19700088381	Helicopter communications via UHF satellite relays Technical report, Aug. 1967 - Sep. 1969	1970
19700088382	Evaluation of the munition automatic camera control system Final report, 19 Mar. - 12 May 1970	1970
19700088383	A guide for preparing and evaluating built-in- test performance specifications Final report	1970
19700088384	Bomber Aircraft Integrated Data Systems /AIDS/. Volume 1 - Technical discussion. Book 1 - Sections 1 through 5 Final study report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088385	Air Force planning for digital communications	1970
19700088386	Methods, devices, and circuits for the EMP hardening of Army electronics Quarterly progress report, 2 Jan. - 1 Apr. 1970	1970
19700088387	Vibration and stage separation of the retrofit 1-2 interstage raceway - LGM-30F missile, vibration test data Final report	1970
19700088389	The 100-kW RF plasma facility of the Aerospace Corporation	1970
19700088390	The 300 C rotating rectifier alternator. Phase 2 - Design, fabrication, and test of alternator Interim technical report, 16 May - 15 Aug. 1970	1970
19700088391	A Quick Fourier Transform algorithm Research report, Feb. - May 1968	1970
19700088392	Pressure regulators Final report	1970
19700088393	Point contact diagnostics on 4-6 alloys with attention to a ferroelectric transition in Sn _{1-x} GexTe	1970
19700088394	The 5-kilowatt, 1-kilovolt, laminated sonar transistor Interim engineering report, 1 Jan. - 30 Mar. 1970	1970
19700088395	Manufacturing Methods and Technology measure /MMT/ program for Gaas laser crystal Quarterly progress report, 1 Apr. - 30 Jun. 1970	1970
19700088396	Study influence of solid films and surface layer on the creep behavior of titanium Final report, 15 Sep. 1969 - 15 Sep. 1970	1970
19700088397	Optimum techniques for measuring spectral, spatial and temporal distribution of radiation Final scientific report, May 1969 - Jun. 1970	1970
19700088398	A simplified expression for oscillator strengths of transitions between different quadratic modes of a configuration coordinate model Technical report, Feb. - Apr. 1970	1970
19700088399	Minuteman 2 stage 3 forward dome/P94C G and C convolute cable vibration tests Final test data report	1970
19700088400	Aerobee 170 AF/AO 4.002-1 Meteorological data report for 12 Aug. 1970	1970
19700088401	Friction reduction in turbulent flow	1970
19700088402	Underwater holographic measurement of mutual coupling effects in sonar transducer arrays	1970
19700088403	Dipole radiation in a periodic plasma	1970
19700088404	On the performance-index modeling of digital communication channels	1970
19700088405	Effects of small changes in sound velocity and bulk wet density on the prediction from the multilayered absorbing bottom model	1970
19700088406	Epitaxial growth of ferromagnetic garnets Final report, Mar. 1969 - Mar. 1970	1970
19700088407	Hoselines /POL/ Final report	1970
19700088408	Coherent rear projection viewer Final report, 16 Jun. - 16 Dec. 1969	1970
19700088409	Manufacturing method for ion implantation Interim report, 1 Apr. - 30 Jun. 1970	1970
19700088410	Manufacturing methods for ion implantation Interim report, 1 Jan. - 31 Mar. 1970	1970
19700088411	The experimental determination of the thermodynamic and hydrodynamic mechanism of augmented flow boiling in tubes Final report	1970
19700088412	The structure of optimal final value control systems	1970
19700088413	Production engineering measure for digital electronic fuze timer XM587E2 Quarterly report, 21 Nov. 1969 - 28 Feb. 1970	1970
19700088414	Minuteman 2 stage 2 aft dome/P94C G and C convolute cable vibration tests Final test data report	1970
19700088415	PBI tow manufacturing methods Interim progress report, 1 Apr. - 31 Jul. 1970	1970
19700088416	High power wideband UHF integrated circuits Quarterly progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700088417	Estimated power-on base drag for rocket-assisted projectile	1970
19700088418	Development of radiation hardened operational amplifiers	1970
19700088420	Research on the polyphosphates of baker's yeast	1970
19700088421	Production engineering measure for high- reliability aluminum electrolytic capacitors Quarterly report, 20 Mar. - 20 Jun. 1970	1970
19700088422	Computer-to-computer SATCOM link Final report	1970
19700088423	Meteorological data sounding systems Final report	1970
19700088424	Exhibit of results of research on underwater speech and hearing problems Progress report	1970
19700088425	Aerospace fluid component designers' handbook, volume 2, revision D	1970
19700088426	Determination of accelerator content of EC-2273 potting compound by infrared absorption spectrophotometry	1970
19700088427	Attenuation of stress waves in Cedar City quartz diorite Technical report, Sep. 1968 - Mar. 1970	1970
19700088428	Investigation of high-pressure hydraulic vortex rate sensor Final report	1970
19700088429	Use of internal mold release with fiber glass reinforced plastics	1970
19700088430	Factors affecting combustion of organic materials in high-pressure environments - Spontaneous ignition in a static bomb system, 1	1970
19700088431	Production engineering measure crystal unit CR-/XM-69//U and CR-/XM-70//U Quarterly report, 16 Mar. - 16 Jun. 1970	1970
19700088432	Survey of magnesium dry battery industry as of January 1970	1970
19700088433	Production engineering measure for high reliability aluminum electrolytic capacitors Quarterly report, 20 Dec. 1969 - 20 Mar. 1970	1970
19700088434	Nonlinear computer models of field-effect transistors	1970
19700088435	Growth and characterization of large high purity beta silicon carbide single crystals Final report, 1 Jun. 1969 - 30 Jun. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088436	Evaluation of field operational characteristics of the portable strainmeter system Final report, 15 Dec. 1968 - 15 Jun. 1970	1970
19700088437	Electron ionization cross sections Annual progress report, 1 Aug. 1968 - 1 Aug. 1969	1970
19700088438	Atlas MA-5 booster /350K/ and sustainer /60K, MD 2 turbin/ engine uprate program Final report	1970
19700088439	Research on electrochemical parameters for non-aqueous batteries, task 1 Quarterly progress report	1970
19700088440	Manufacturing methods and technology for processing cobalt-samarium magnets Interim report, 16 May - 15 Aug. 1970	1970
19700088441	A parametric study of particulate damping based on the model of Temkin and Dobbins	1970
19700088442	The characteristic energy loss spectra of Al and CdS by an electron reflection technique	1970
19700088443	Holographic interferometric fringe analysis and measurements of controlled surface displacements	1970
19700088444	Density calculations for an effused beam of cadmium from resonance line measurements	1970
19700088445	A theoretical and experimental investigation of Langmuir probes in a collision dominated quiescent discharge	1970
19700088446	The prediction of solar proton events based on solar radio emissions	1970
19700088447	Program to develop high strength aluminum powder metallurgy products. Phase 2 - P/M alloy optimization Quarterly report, 21 Apr. - 20 Jul. 1970	1970
19700088448	Nonlinear smoothing theory and applications	1970
19700088449	Continuous time nonlinear filtering	1970
19700088450	Stability characteristics of blunt bodies with circular cross sections at high subsonic Mach numbers	1970
19700088451	The integration of system identification and system optimization	1970
19700088452	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19700088453	A method for determining an optimum reconnaissance sensor mix	1970
19700088454	Development of production manufacturing techniques for application of protective coatings to thoria dispersion strengthened alloys Interim technical report, 1 Jun. - 31 Aug. 1970	1970
19700088455	Comparison of waveguide and wave hop techniques for VLF propagation modeling	1970
19700088456	Electromagnetic wave propagation in an arbitrarily periodic structure	1970
19700088457	K band measurement of the dielectric constants of dry air and four constituent gases	1970
19700088458	A model of ionospheric total electron content	1970
19700088460	Digital TDM synchronous circuit switch preliminary needs analysis	1970
19700088461	Analysis and design of gas-lubricated tilting-pad journal bearings for miniature cryogenic turbomachinery Final report, May 1969 - May 1970	1970
19700088462	Titanium composite fan blades Final report, 15 Apr. 1969 - 15 Jul. 1970	1970
19700088463	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700088464	A study of the fuel/air vapor characteristics in the ullage of aircraft fuel tanks	1970
19700088465	Project Foggy Cloud 1	1970
19700088466	Production engineering measure multistage solid-state power amplifiers Quarterly progress report, 6 Oct. 1969 - 5 Jan. 1970	1970
19700088467	An assessment of the validity of the Kirchoff approximation with respect to the radiation characteristics of an array on a strip baffle	1970
19700088468	Fort Detrick thesaurus, volume 1	1970
19700088469	Automated technical control /ATEC/. Volume 2 - Appendices Final technical report, 18 Feb. - 18 Dec. 1969	1970
19700088470	The deflagration of pure and isomorphously doped ammonium perchlorate	1970
19700088471	Development of NDT methods for advanced metallic composite materials Final technical report, 1 Apr. 1968 - 15 Oct. 1969	1970
19700088472	Test firing of an uncured propellant warm gas generator	1970
19700088473	Satellite experiments for D-region simulation studies of high altitude nuclear weapons effects Final technical report, 1 Feb. 1968 - 30 Apr. 1970	1970
19700088474	CATE SA/CE studies evaluation	1970
19700088475	Study of four major forging systems Interim engineering progress report, 1 Aug. 1969 - 30 Jun. 1970	1970
19700088476	Isothermal forging of titanium alloys using large precision-cast dies Final technical report, 15 Apr. 1967 - 30 Apr. 1970	1970
19700088477	A comparison of laser and nonlaser beam in a turbulent medium	1970
19700088478	Advanced concepts of microwave generation and control in solids Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700088479	Aerospace fluid component designers handbook, volume 1, revision D	1970
19700088480	Advanced electron device technology Status report no. 118	1970
19700088481	Minuteman 2 stage 3 aft dome/P95C G and C convolute cable vibration tests Final test report	1970
19700088482	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments, part 1 Semiannual report	1970
19700088483	An Investigation of Camera-Observable Satellites /ICOS/	1970
19700088484	Production engineering measures for hybrid integrated circuit solid state front end Quarterly progress report, 29 Dec. 1969 - 29 Mar. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088485	Factors controlling the strength of composite structures Final report, 1 Mar. 1969 - 28 Feb. 1970	1970
19700088486	Advanced ceramic systems for rocket nozzle applications Quarterly progress report, 1 Mar. - 31 May 1970	1970
19700088487	High power lasers Semiannual technical report, 1 Jan. - 30 Jun. 1970	1970
19700088488	An analysis of first unit labor costs for fixed wing aircraft	1970
19700088489	Optimal polynomial regression design	1970
19700088490	An automated method for constructing isomagnetic lines from a set of spherical harmonic coefficients representing the geomagnetic field	1970
19700088491	Static pressure sensing characteristics of three pitot-static probes at Mach numbers from 1.0 to 2.0 Final report, 8 Jun. - 10 Jul. 1970	1970
19700088492	Review of recent developments. Titanium and titanium alloys	1970
19700088493	Analytical prediction of defects occurrence in simple and complex forgings Technical report, Apr. 1969 - Mar. 1970	1970
19700088494	Insertion loss synthesis of some lumped distributed element filters Final report	1970
19700088495	Stabilization of a liquid-filled shell by inserting a cylindrical partition in the liquid cavity	1970
19700088496	Establishment of a manufacturing process for thin walled conical beryllium structures involving hot isostatic pressing Interim engineering progress report on phase 1, 15 Dec. 1969 - 15 Apr. 1970	1970
19700088497	Improved HF manpack antenna systems Final technical report, Nov. 1969 - Jan. 1970	1970
19700088498	Heated gases as imperfectly distributed sources of infrared radiation Final report, 14 Jun. 1968 - 30 Sep. 1969	1970
19700088499	Electron-beam-bombarded silicon p-n junction diodes	1970
19700088500	Computerized parametric method for aircraft preliminary design studies	1970
19700088501	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 9 Apr. - 8 Jul. 1970	1970
19700088502	An investigation of factors influencing the annular base drag of bodies of revolution with jet flow in transonic and supersonic external streams Final summary report	1970
19700088503	A nonlinear theory for the bending, buckling, and vibrations of conical shells	1970
19700088504	Measurement of aerodynamic forces on an oscillating airfoil Final engineering report	1970
19700088505	The impact of fluidics on advanced avionics systems. Volume 1 - Feasibility analysis Final technical report, Sep. 1969 - May 1970	1970
19700088506	The impact of fluidics on advanced avionics systems. Volume 2 - Practicality analysis Final technical report, Sep. 1969 - May 1970	1970
19700088507	The impact of fluidics on advanced avionics systems. Volume 3 - Summary and recommendations Final technical report, Sep. 1969 - May 1970	1970
19700088508	SAGPAC Structural Analysis Graphics Package - A FORTRAN 4 computer program	1970
19700088509	Performance assessment of MC-33 fuel control and YJ69-T-406 engine	1970
19700088510	Underwater sound absorbers - A review of published research with an annotated bibliography	1970
19700088511	Satellite observations of soft solar X-rays	1970
19700088512	Analysis of stiffened plates using the finite element method	1970
19700088513	Normal force effectiveness of several fin planforms with streamwise gaps at Mach numbers of 0.8 to 5.0	1970
19700088514	Exploding foil techniques Interim report	1970
19700088515	The effect of operator performance variables on airborne electronic equipment reliability Final technical report, 6 Jan. 1969 - 15 Feb. 1970	1970
19700088516	Tidal corrections program	1970
19700088517	Ablation tests of sphere-cone models in the AEDC 5-MW facility Final report, 25 Feb. - 17 Apr. 1970	1970
19700088518	Aerodynamic characteristics of a variable- sweep-wing aircraft employing various roll-control devices at transonic Mach numbers Final report	1970
19700088519	Aerodynamic heating distributions on three 80 deg swept delta lifting bodies at Mach number 8 Final report	1970
19700088520	Dynamic machine tool testing Final technical report, 1 Sep. 1967 - 31 Dec. 1969	1970
19700088521	Radiographic technique development for bulk graphite Technical report Jun. 1964 - Jun. 1969	1970
19700088522	Multiple doped erbium laser materials Semiannual report, 1 Nov. 1969 - 30 Apr. 1970	1970
19700088523	High pressure ratio centrifugal compressor program Quarterly technical progress report, 1 May - 31 Jul. 1970	1970
19700088524	Seismic array studies Quarterly technical report, 12 Nov. 1969 - 12 Feb. 1970	1970
19700088525	Improved pressure tap for monitoring pressure through thin-wall rocket cases	1970
19700088526	Application of the orbit-orbit shuttle for space rescue missions	1970
19700088527	Research and development on a fluidic servoactuator Final report, 1 Jan. - 23 Dec. 1969	1970
19700088528	A feasibility study of command control of solid propellant burning rate Final technical report	1970
19700088529	Textural signature study Final report, 1 Jul. 1969 - 30 Jun. 1970	1970
19700088530	Reliable Advanced Solid-State Radar /RASSR/ Quarterly report, 31 Mar. - 30 Jun. 1970	1970
19700088531	Optics research 1970, 2 Quarterly technical summary report, 1 Mar. - 31 May 1970	1970
19700088532	Review of recent developments - Metals joining	1970
19700088533	Collapse strength of stiffened spherical shells Final report	1970
19700088534	The effect of mismatch on the collapse strength of machined hemispherical shells Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088535	High strength aluminum alloy development Annual summary technical report, 1 Jun. 1969 - 31 May 1970	1970
19700088536	Project Secede. HF radar observations of AFCRL E-region barium releases - Eglin AFB, May 1970	1970
19700088537	Multidimensional storage techniques for a cartographic data base Final report, Feb. 1969 - Mar. 1970	1970
19700088538	Low-noise C-band transistor gain module Quarterly report, 15 Dec. 1969 - 14 Mar. 1970	1970
19700088539	Problems of stabilization of the temperature of oil during the examination of hydraulic elements	1970
19700088540	Production engineering measure for solid-state avalanche photodetectors Quarterly progress report, 31 Dec. 1969 - 31 Mar. 1970	1970
19700088541	Growth and stability of artificial clouds in the ionosphere Semiannual technical report	1970
19700088542	Experimental investigation of reaction jets on a body of revolution with and without fins in supersonic flow	1970
19700088543	Arctic environmental test of tactical wire communications equipment Final report	1970
19700088544	Effect of edge restraint on the buckling of axially compressed circular cylindrical shells Final technical report	1970
19700088545	Radiation hardened silicon power transistors	1970
19700088546	Diffusion welding of wrought beryllium Technical report, 1 May 1969 - 15 Mar. 1970	1970
19700088547	Program to develop high strength aluminum powder metallurgy products. Phase 1 - Process optimizing for improved forgeability Quarterly report, 21 Apr. - 20 Jul. 1970	1970
19700088548	Electrodeposited nickel coatings for erosion protection Technical report, Jan. 1968 - Sep. 1969	1970
19700088549	Investigation of transient-response computation for simple radar targets Final report, 25 Mar. 1969 - 25 Apr. 1970	1970
19700088550	Evaluation of a tank mounted insulation system degradation Final technical report, May - Jun. 1969	1970
19700088551	New means of temporary protection against corrosion	1970
19700088552	Manufacturing technology for superior microwave acoustic transducers Final report, 1 Jul. 1968 - 31 Dec. 1969	1970
19700088553	Remarks of an optical paradox - Second article	1970
19700088554	Development and production of the three- channel radiosonde AN/AMQ-23.09 Final report, Jun. 1966 - Apr. 1970	1970
19700088555	Development of two lenses for 160 deg x 60 deg closed circuit projection TV Final report	1970
19700088556	Translations on French nuclear, missile, space, and related military developments, no. 247	1970
19700088557	Acoustic communication between man and machine /problems in automatic speech recognition/	1970
19700088561	Matched filters for delayed, Doppler-shifted signals - Applicability criteria Final report, Jul. - Dec. 1969	1970
19700088562	Gallium arsenide microwave diodes Quarterly report, 5 Dec. 1969 - 5 Mar. 1970	1970
19700088563	Bomber Aircraft Integrated Data System /AIDS/. Volume 1 - Technical discussion. Book 2 - Appendixes Final report	1970
19700088564	Bomber Aircraft Integrated Data System /AIDS/. Volume 2 - Supporting studies. Book 2 - Sections 3 through 15 Final report	1970
19700088565	Bomber Aircraft Integrated Data System /AIDS/. Volume 2 - Supporting studies. Book 1 - Sections 1 and 2 Final report	1970
19700088566	An adaptation of the Balas additive algorithm to the solution of CC tables	1970
19700088567	Evaporation rate studies of liquid oxygen and 50/50 mixture of unsymmetrical- dimethylhydrazine and hydrazine Technical report, Jul. 1966 - Dec. 1969	1970
19700088568	The design of a closed cycle refrigerated test facility for high Q superconducting tunable circuit studies	1970
19700088569	Translations on French nuclear, missile, space, and related military developments no. 250	1970
19700088570	Theory of structural dynamic testing using impedance techniques. Volume 1 - Theoretical development Final report	1970
19700088571	Theory of structural dynamic testing using impedance techniques. Volume 2 - Program and documentation Final report	1970
19700088572	Approaches to ladder structures. 3 - Polycondensation of some aromatic amino carboxylic acids and esters in polyphosphoric acid Technical report, Jul. 1965 - Aug. 1969	1970
19700088573	Acoustic surface wave research Semiannual report, 1 Jul. - 31 Dec. 1969	1970
19700088575	Ceramic Awareness Bulletin no. 23 Technical report, Jul. - Aug. 1970	1970
19700088576	Montana large aperture seismic array Final report, 1 Jul. 1969 - 30 Apr. 1970	1970
19700088577	An approximation to time-dependent neutral particle transport in a slab	1970
19700088578	Two-stream instability in a finite cylindrical plasma confined by electric and magnetic fields	1970
19700088579	LSI correlator Quarterly report, 1 Jun. - 31 Aug. 1970	1970
19700088580	Coldweld hi reliability quartz crystal units CR-1018/UX and CR-65/UX Quarterly report, 25 Dec. 1969 - 25 Feb. 1970	1970
19700088581	Design and evaluation of a high temperature radial turbine Quarterly technical summary report, 1 May - 31 Jul. 1970	1970
19700088582	Force tests of two triangular Delta wing lifting bodies at Mach numbers 4 to 8 Final report, 31 Mar. - 23 Apr. 1970	1970
19700088583	Neutron fluence and damage in silicon for free air over an earth surface	1970
19700088584	Advanced electrochemical technology. Theoretical and experimental studies of porous hydrogen-oxygen fuel cell electrodes Final report, 1 Jul. 1967 - 31 Oct. 1969	1970
19700088585	Translations on French nuclear, missile, space, and related military developments, no. 251	1970
19700088586	Microwave dielectric constant materials, task 2 Quarterly report, 1 Jan. - 1 Apr. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088588	Research and development of a servo actuator package for a tactical fighter aircraft Final report, Aug. 1968 - Oct. 1969	1970
19700088589	Liquid fluorine sampler development program Final report, 10 Jun. 1969 - 30 Apr. 1970	1970
19700088590	Solid lubricants for helicopter tail rotor gearboxes Final report	1970
19700088591	Research into the definition and demonstration of an optimum solid state switching and multiplexing system for use in a fly-by-wire flight control system Final report, 1 Apr. 1969 - 30 Apr. 1970	1970
19700088592	Advanced wrought nickel-base alloy turbine disk evaluation program Interim engineering progress report, 1 Mar. - 30 Jun. 1970	1970
19700088593	A gonireflectometer facility using coherent and incoherent sources Technical report, May 1966 - May 1969	1970
19700088594	An Intra-System Compatibility Analysis Program /ISCAP/ Final technical report, Jul. 1969 - Jun. 1970	1970
19700088595	Environmental medicine Annual progress report, 1 Jul. 1969 - 30 Jun. 1970	1970
19700088596	Manufacturing technology for production of 80-mm-input, 40-mm-output 80/40 image intensifier tubes Final report, 15 May - 15 Jun. 1969	1970
19700088597	Use of thermo plastic additives to control cracking and exudation of cast explosives containing TNT	1970
19700088598	The composition of the exhaust products of military weapons - A comparison of calculated and experimental results	1970
19700088599	Project Helios project management report	1970
19700088600	The 11602 Lance missile no. 5127, round no. 92 Meteorological data report for 23 Jul. 1970	1970
19700088601	The 900 F titanium alloy development Final report, 1 Apr. 1969 - 1 Jun. 1970	1970
19700088602	Statistical mechanics of fracture and embrittlement. 1 - A hard-core lattice model	1970
19700088608	A cable gland for deep ocean operation	1970
19700088612	The numerical evaluation of a certain integral with a rapidly oscillating integrand	1970
19700088618	Optical sources Triannual report, 15 Nov. 1969 - 15 Mar. 1970	1970
19700088619	UHF filter research Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700088620	UHF film integrated circuits Quarterly progress report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700088622	The /GaAl/As electroluminescent diodes and injection lasers Final report	1970
19700088624	Multiband aircraft communications antennas Final report	1970
19700088625	Determination of the damage limit and effect of cracks formed in resin on the behavior of fiber glass reinforced composites under loading	1970
19700088626	The effect of cyclic stresses on the residual short-time strength of glass fiber plastic laminates	1970
19700088627	Feed through oil rings	1970
19700088630	Repetitive failure evaluation report	1970
19700088631	Balloon techniques and emissivity research Final report, 1 Oct. 1969 - 30 Apr. 1970	1970
19700088632	Nuclear flight system definition study, phase 2. Volume 1 - Summary Final report	1970
19700088633	Nuclear flight system definition study, phase 2. Volume 2 - Reusable nuclear stage missions and operations Final report	1970
19700088634	Nuclear flight system definition study, phase 2. Volume 3 - Reusable nuclear stage concept design Final report	1970
19700088635	Nuclear flight system definition study, phase 2. Volume 4 - Supporting research and technology Final report	1970
19700088636	Changes in some serum electrolytes during short, intense physical work	1970
19700088637	Analytical investigation of a high frequency two-axis angular vibrator	1970
19700088638	Evaluation of Ti-6Al-2Cb-1Ta-1Mo as a candidate Ti-120 yield strength alloy	1970
19700088639	Effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 2 - Important considerations for the bonding process	1970
19700088640	Reversion of EC-2273 potting compound on no. 1 junction box of F-4 aircraft bureau no. 153011	1970
19700088641	Development of hot-corrosion resistant nickel- base alloys for marine gas turbine service Final research and development report, Apr. 1968 - Feb. 1970	1970
19700088642	Techniques in plating, volume 2 Report bibliography, Feb. 1959 - Oct. 1969	1970
19700088644	Static force, surface pressure, and profile measurements on a porous cone with gas injection data presentation. Appendix A	1970
19700088645	Static force, surface pressure, and profile measurements on a porous cone with gas injection data presentation	1970
19700088646	Fabrication and performance of two 112-element, 8-14 micron, HgCdTe photoconductive detector arrays /U/ Final technical report, 27 Jun. 1968 - 27 Feb. 1970	1970
19700088647	Lessons learned, headquarters, 54th Signal Battalion Corps /U/ Quarterly operational report, for period ending 30 Apr. 1970	1970
19700088655	TF41-A-1 engine, performance evaluation with specification and A-7 aircraft exhaust nozzles	1970
19700088656	Army aviation medicine Annual progress report, 1 Jul. 1969 - 30 Jun. 1970	1970
19700088657	The interaction of alkoxy silane coupling agents with silica surfaces	1970
19700088658	Application of electrosag melted steel to rocket motor case fabrication Interim technical report, 1 Jun. - 31 Aug. 1970	1970
19700088659	Nike-Cajun /three sphere ejection/ -4 Meteorological data report for 23 Jul. 1970	1970
19700088660	Automated technical control /ATEC/, volume 1, part 2 Final technical report, 18 Feb. - 18 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700088661	Metal-cloth expandable reentry vehicle structural model Final report, Jan. 1967 - Dec. 1968	1970
19700088662	JANNAF Mechanical Behavior Working Group, eight meeting, volume 1	1970
19700088663	Comparison of antenna AT-1108 /Collins 37R- 2U and CCC model VU-10-52/	1970
19700088664	A 1-100 MHz broadband RF power sensor design	1970
19700088665	Microwave active network synthesis Semiannual report, 10 Oct. 1969 - 10 Apr. 1970	1970
19700088666	The dc-electroluminescent flat panel display Quarterly report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700088667	Engineering evaluation of high rate organic electrolyte reserve batteries	1970
19700088668	Study of the combustion efficiency of fluorine containing solid propellants /U/ Quarterly progress report, 1 Jun. - 31 Aug. 1970	1970
19700088669	Fluidic inertial bomb study. Volume 5 - Summary /U/ Final report, 28 Feb. - 20 Oct. 1969	1970
19700088671	New gun propellant /U/	1970
19700088673	Microchannel plate development /U/ Final report, Nov. 1966 - Aug. 1969	1970
19700088675	Coverage predictions for the Navy, fixed, VLF transmitter facilities for September, October, and November /U/ Final report	1970
19700088676	Evaluation of the infrared viewer /AN/PAS-7/ /U/ Interim report	1970
19700088677	Plasticizer diffusion and condensation in solid propellant motors /U/	1970
19700088679	The 11601 Lance, missile number 5108, round number 95, 25 August 1970	1970
19700088680	United States Army Electronics Command geophysical test facility	1970
19700088681	Comparative study of the electromagnetic properties of some lateritic soils of Vietnam	1970
19700088682	Interference prediction model development - Compatibility characteristics modeling	1970
19700088683	Wind tunnel investigation of airfoils oscillating in reverse flow. Volume 1 - Summary and evaluation of results Final report	1970
19700088684	Explosives accident-incident abstracts, July 1969 thru June 1970	1970
19700088688	Thermally stable burning rate accelerators /U/ Quarterly progress report, 15 May - 31 Aug. 1970	1970
19700088689	Stellar density in the visible and infrared based on the SAO star catalog /U/ Technical report, Oct. 1969 - Jun. 1970	1970
19700088690	Production engineering measure for 25mm microchannel plate /U/ Quarterly progress report, 16 Mar. - 30 Jun. 1970	1970
19700088692	Ambient noise measurements on CHAIN cruise number 96 in the eastern north Atlantic Ocean /U/ Technical report, 23 Sep. - 27 Oct. 1969	1970
19700088693	Prepackageable rocket for general support applications /U/	1970
19700088695	Design of an advanced Siege 2 pulse generator, phase 2 Technical report, Mar. - Jul. 1969	1970
19700088696	Peak sidelobe levels in the ambiguity function of shift-register-generated binary phase codes	1970
19700089231	Automated microbial metabolism laboratory Quarterly report, 6 Nov. 1968 - 6 Feb. 1969	1970
19700089466	Annual progress report, 1 September 1968 - 1 September 1969	1970
19700089469	Progress report	1970
19700089490	Investigation of population inversion by gas dynamic mixing Bimonthly progress report, 28 Oct. - 27 Dec. 1969	1970
19700089491	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1 - 31 Dec. 1969	1970
19700089498	Diborane handbook Monthly status letter no. 4, 1-31 Dec. 1969	1970
19700089499	Liquid phase reactions of hypergolic propellants Monthly progress report, period ending 31 Dec. 1969	1970
19700089500	Advanced spacecraft valve technology Monthly progress report, 1 Dec. 1969 - 1 Jan. 1970	1970
19700089501	An experimental investigation of wind tunnel test limits for V/STOL type vehicles in wind tunnels with curved walls Progress report, 1 Jan. 1968 - 31 Dec. 1969	1970
19700089518	Investigation of space storable propellant acquisition devices Monthly letter report, 1-31 Dec. 1969	1970
19700089520	Cryogenic alloy screening Monthly progress report, 1 - 31 Dec. 1969	1970
19700089521	Investigation of discharge pressure oscillations in high pressure pumps Monthly progress report, 28 Nov. - 31 Dec. 1969	1970
19700089528	Monolithic catalyst beds for hydrazine reactors Monthly status report, 1-31 Dec. 1969	1970
19700089529	Heat pipe technology for advanced rocket thrust chambers Monthly status report, 1-31 Dec. 1969	1970
19700089531	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Nov. - 19 Dec. 1969	1970
19700089538	Launch vehicle estimating factors	1970
19700089592	Glass-fiber tubing for cryogenic fluids Monthly progress report, 1-31 Dec. 1969	1970
19700089596	Cycle testing of cryogenic expulsion bellows Monthly technical progress narrative	1970
19700089597	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Progress report, 1 - 31 Dec. 1969	1970
19700089598	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report	1970
19700089601	The development and application of mass spectrometers to studies of the earth's upper atmosphere and planetary atmospheres Progress report, 1 Jul. - 31 Dec. 1969	1970
19700089602	Regeneratively cooled graphite-lined thrust chamber Monthly report, 1 Dec. 1969 - 4 Jan. 1970	1970
19700089603	Independent respiratory support system program Progress report, Oct. - Dec. 1969	1970
19700089606	Study of inducer load and stress Monthly progress report, 1-31 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700089607	Research in photochemistry and enzymology of photosynthesis Quarterly status report, 6 Oct. 1969 - 6 Jan. 1970	1970
19700089612	Design of inducers for two-phase operation Quarterly progress report	1970
19700089615	Velocity fields in Arcturus	1970
19700089751	Thermal Skin fabrication technology program Monthly report, 2 Dec. 1969 - 2 Jan. 1970	1970
19700089752	Subcritical flaw growth in metal tanks Monthly progress report, 1-31 Dec. 1969	1970
19700089755	Thrust chambers for space storables Monthly progress report, 1 Dec. 1969 - 1 Jan. 1970	1970
19700089757	Microbiological performance testing on the water management sub-system for a four-man space capsule Semiannual status report, 1 Jun. - 30 Nov. 1969	1970
19700089785	A study to assess the nature and magnitude of economic benefits of advances in meteorology	1970
19700089816	Impeller clearance effects Monthly progress report, period ending 31 Dec. 1969	1970
19700089819	Cycle testing of filament-wound pressure vessels Monthly progress report, 26 Dec. 1969 - 25 Jan. 1970	1970
19700089821	Composite overwrapped metallic tanks Monthly progress report, 26 Dec. 1969 - 25 Jan. 1970	1970
19700089823	Pressure sensing control Monthly report, 1 Dec. 1969 - 1 Jan. 1970	1970
19700089824	Low speed inducer for a rocket engine feed system Monthly progress report	1970
19700089828	Space storable thruster investigation Monthly progress report, 27 Nov. - 27 Dec. 1969	1970
19700089854	Protective coating system for a regeneratively cooled thrust chamber Monthly progress report	1970
19700089862	Experiment hardware definition for Circadian periodicity of Vinegar Gnat eclosion Final technical progress report	1970
19700089890	Space storable regenerative cooling investigation Monthly progress report, 1 Dec. - 31 Dec. 1969	1970
19700089891	System analysis of gelled space-storable propellants Monthly progress report, 1-31 Dec. 1969	1970
19700089908	Solar, lunar and plasma physics research at the Lockheed California Company	1970
19700089931	Fluorine lubricated bearing technology Monthly report, Dec. 1969	1970
19700089935	Space geodesy altimetry - Verification Experiment Design Study /VEDS/ Monthly report, 1-31 Dec. 1969	1970
19700089938	Fundamental ignition study for material fire safety improvements Monthly report, 1-31 Dec. 1969	1970
19700089953	Space Shuttle Data. Volume 7 - Operations, Safety, and Refurbishment	1970
19700089954	Space shuttle data. Volume 8 - Test and production	1970
19700089993	Supersonic jet exhaust noise Monthly progress report, 26 Dec. 1969 - 3 Feb. 1970	1970
19700089998	Spectroscopic and photochemical study of photochromic compounds Quarterly report	1970
19700090001	Investigation of gas-augmented injectors Monthly progress report, Dec. 1969	1970
19700090003	Space storable regenerative cooling investigation Monthly progress report	1970
19700090015	Advanced spacecraft valve technology Monthly progress report	1970
19700090016	Electroformed injector fabrication techniques Monthly progress report, 2-31 Jan. 1970	1970
19700090017	Development of an effective reliable lift-off seal for use in advanced turbomachinery Monthly report	1970
19700090018	Impeller clearance effects Monthly progress report	1970
19700090020	Fluorine lubricated bearing technology Monthly report	1970
19700090021	Advanced pyrolytic spacecraft thrust chamber materials Monthly letter progress report, 23 Dec. 1969 - 22 Jan. 1970	1970
19700090022	Study of bipropellant shut-off valves Monthly report, 1 Jan. - 1 Feb. 1970	1970
19700090023	Contract for regeneratively cooled graphite-lined thrust chamber Monthly report, 5 Jan. - 1 Feb. 1970	1970
19700090030	Manned Space Flight Network mission planning forecast	1970
19700090032	Dielectric properties of battery electrolytes Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700090036	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Progress report, 1-31 Jan. 1970	1970
19700090037	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report	1970
19700090041	Liquid phase reactions of hypergolic propellants Monthly progress report, period ending 31 Jan. 1970	1970
19700090042	Tridyne attitude control thruster investigation Monthly status letter, for the period ending 31 Jan. 1970	1970
19700090043	Suppression of combustion oscillations with mechanical damping devices Monthly status report, 1 Jan. - 31 Jan. 1970	1970
19700090051	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-31 Jan. 1970	1970
19700090052	Heat pipe technology for advanced rocket thrust chambers Monthly status letter, 1-31 Jan. 1970	1970
19700090053	Subcritical flaw growth in metal tanks Monthly progress report, 1-31 Jan. 1970	1970
19700090054	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Dec. 1969 - 22 Jan. 1970	1970
19700090057	Protective coating system for a regeneratively cooled thrust chamber Monthly progress report	1970
19700090058	The infrared absorption from 0.8 to 1.5 microns of CH ₄ and CO ₂	1970
19700090070	Investigation of superconducting interactions Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700090072	Low speed inducer for a rocket engine feed system Monthly progress report	1970
19700090073	Investigation of discharge pressure oscillations in high pressure pumps Informal monthly progress report	1970
19700090141	Study of highly fluorinated heterocycle polymers for cryogenic bladder applications Quarterly letter report, 15 Oct. 1969 - 15 Jan. 1970	1970
19700090143	Stress corrosion cracking of titanium alloys Semiannual report, 1 Jan. - 30 Jun. 1969	1970
19700090155	Glass-fiber tubing for cryogenic fluids Monthly progress report, 1 Jan. - 1 Feb. 1970	1970
19700090156	Space cell test program Progress report, 13 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090161	Monthly letter report, January 1970	1970
19700090170	NASA space cell test program Monthly progress report	1970
19700090208	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Dec. 1969 - 19 Jan. 1970	1970
19700090209	Study of dual channel spectroradiometer systems Monthly progress report, period ending 31 Jan. 1970	1970
19700090210	Cycle testing of cryogenic expulsion bellows, transmittal of data Monthly progress report, Feb. 1970	1970
19700090216	ESTL voice intelligibility. Phase 3 - Test accuracy analysis	1970
19700090231	Investigation and study of transient heat transfer Progress report, period ending Jan. 1970	1970
19700090330	Agricultural requirements and applications programs Monthly progress report, 1-30 Sep. 1969	1970
19700090331	Space cell test program Monthly progress report, 31 Jan. 1970	1970
19700090333	Quarterly status report, 1 September - 30 November 1969	1970
19700090334	Time, frequency, and polar motion laboratory Quarterly status report, 1 Oct. - 31 Dec. 1969	1970
19700090336	Lightweight modular multilayer insulation Progress report, 1-31 Jan. 1970	1970
19700090339	Advanced bearing study Monthly progress report, 1-31 Jan. 1970	1970
19700090340	Thermal skin fabrication technology program Monthly report, 2 Jan. - 2 Feb. 1970	1970
19700090341	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Jan. - 10 Feb. 1970	1970
19700090342	System analysis of gelled space-storable propellants Monthly progress report, 1-31 Jan. 1970	1970
19700090343	Extend the design criteria for the coaxial pint injector to higher chamber pressures and to gaseous fuel Monthly progress report, 27 Dec. 1969 - 23 Jan. 1970	1970
19700090344	Progress report, period ending 19 February 1970	1970
19700090346	Investigation of extendable nozzle concepts, phase 2 Monthly progress letter, 1-28 Feb. 1970	1970
19700090347	Research at the Stanford Center for Radar Astronomy Semiannual status report, 1 Jul. - 31 Dec. 1969	1970
19700090348	Investigation of refractory composites for liquid rocket engines Monthly letter report, 1-30 Jan. 1970	1970
19700090359	Design and development of diborane shipping container Quarterly letter, 7 Nov. 1969 - 6 Feb. 1970	1970
19700090361	Investigation of advanced thrust chamber designs Monthly progress report	1970
19700090362	EMC study of space applications remote sensors, phase 2 Interim progress report	1970
19700090365	Analytical study of control devices for high amplitude combustion instability Quarterly report	1970
19700090368	Research in electrohydrodynamics Semiannual report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700090381	Suppression of combustion oscillations with mechanical damping devices Quarterly progress report	1970
19700090382	Throttleable thruster system Quarterly progress report, 27 Sep. - 26 Dec. 1969	1970
19700090385	Investigation of refractory composites for liquid rocket engines Quarterly report, 1 Oct. - 31 Dec. 1969	1970
19700090386	Suprathermal electrons in a solar eclipse Quarterly progress report, period ending 10 Feb. 1970	1970
19700090389	Application of the Galerkin method in the design of stable liquid rocket motors Semiannual report, 1 Aug. 1969 - 31 Jan. 1970	1970
19700090393	Electron-proton spectrometer Quarterly report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700090394	Conduct research on the effects of very strong magnetic fields and of magnetic field-free environments on man and animals Progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700090395	Thrust chambers for space storables Monthly progress report, 1 Jan. - 1 Feb. 1970	1970
19700090398	Experimental study of low-density nozzle flows Monthly status letter, 1 Jan. - 31 Jan. 1970	1970
19700090411	Simulation effectiveness Progress report	1970
19700090412	Solar cell radiation damage experiment for ATS-F aircraft Quarterly report, 27 Sep. - 27 Dec. 1969	1970
19700090419	The synthesis of ninhydrin analogs for use in the identification of amino acids Quarterly status report, 1 Jun. - 31 Dec. 1969	1970
19700090422	Field-store standards conversion - The impairment caused by amplitude-perturbation of the colour subcarrier	1970
19700090429	An investigation of diffraction by planetary atmospheres, supplement 1 Quarterly status report, 1 Oct. - 31 Dec. 1969	1970
19700090434	Fiber glass supports for cryogenic tanks Monthly activity report, 1-31 Jan. 1970	1970
19700090435	Cryogenic positive expulsion diaphragm Monthly progress report, 1 Jan. - 31 Jan. 1970	1970
19700090437	A study of condensation in rocket nozzles and exhausts Progress report	1970
19700090438	Effect of baffles on combustion instability Monthly progress report, Jan. 1970	1970
19700090439	Methods of orbit calculations Quarterly report, 23 Apr. 1969 - 23 Apr. 1970	1970
19700090459	Suppression of combustion oscillations with mechanical damping devices Monthly status report, 1-28 Feb. 1970	1970
19700090497	Identifying critical problem areas in the microelectronic field	1970
19700090499	Effect of distributed energy release on rocket engine performance Quarterly contract letter, 15 Nov. 1969 - 14 Feb. 1970	1970
19700090505	Quarterly status reports	1970
19700090509	Study of surface pressure distribution induced on bodies of revolution by a subsonic cold air jet exhausting normal to the surface and into a subsonic free stream Quarterly status report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700090510	Topics in structural dynamics Quarterly progress report, 1 Oct. 1969 - 1 Jan. 1970	1970
19700090511	Investigation of building structure response to sonic booms	1970
19700090512	Investigation of a quadrupole ultra-high vacuum ion pump Semiannual progress report, 1 Aug. 1969 - 31 Jan. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090513	Computation of the fields transmitted and received by a horizontal electric dipole located 100 km above the surface Quarterly progress report	1970
19700090514	EM scattering from rough surfaces Quarterly progress report	1970
19700090517	Applications of control theory Quarterly status report	1970
19700090518	Heat pipe technology for advanced rocket thrust chambers Monthly status report, Feb. 1970	1970
19700090520	Theoretical and experimental studies in ultraviolet solar physics Semiannual status report, 1 Aug. 1969 - 31 Jan. 1970	1970
19700090522	Examination of lunar scientific objectives and evaluation and developmental studies for possible post-Apollo period Semiannual status report, 1 Jul. - 31 Dec. 1969	1970
19700090523	Cycle testing of filament-wound pressure vessels Monthly progress report, 26 Jan. 1969 - 25 Feb. 1970	1970
19700090531	Transient model of hydrogen/oxygen reactor Monthly progress report, 1 Feb. - 28 Feb. 1970	1970
19700090535	Systems and Controls Laboratory	1970
19700090539	Surface properties of thermionic electrodes Quarterly status report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700090541	Short-range intermolecular forces and high- temperature gas properties Semiannual report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700090544	Advanced bearing study Monthly progress report, 1-28 Feb. 1970	1970
19700090545	Stability characterization of advanced injectors Monthly progress report, Feb. 1970	1970
19700090552	Thermal conductance of space suit thermal insulations, supplement	1970
19700090555	Investigation of instabilities in atmospheric flow systems associated with clear air turbulence Quarterly progress report, 16 Nov. 1969 - 15 Feb. 1970	1970
19700090556	Fluorine lubricated bearing technology Monthly report, Feb. 1970	1970
19700090559	Development of an effective reliable lift-off seal for use in advanced turbomachinery Monthly report, Feb. 1970	1970
19700090561	Theoretical research in heterogeneous combustion Quarterly progress report, 1 Oct. 1969 - 1 Jan. 1970	1970
19700090569	Sound pressure measurements in the human ear canal Quarterly progress report	1970
19700090570	Degradation mechanism, hydrocarbon polymer Monthly contract status report, period ending 28 Feb. 1970	1970
19700090571	Investigation of population inversion by gas dynamic mixing Bimonthly progress report, 28 Dec. 1969 - 27 Feb. 1970	1970
19700090582	Fundamental ignition study for material fire safety improvements Monthly status report	1970
19700090583	Protective coating system for a regeneratively cooled thrust chamber Monthly progress report	1970
19700090584	Contract for regeneratively cooled graphite- lined thrust chamber Monthly report, 1 Feb. - 1 Mar. 1970	1970
19700090586	Advanced feed system component interaction analysis Monthly status letter	1970
19700090587	Space storable thruster investigation Monthly progress report, 25 Jan. - 25 Feb. 1970	1970
19700090588	Cycle testing of graphite filament-wound pressure vessels Quarterly technical progress report, 26 Dec. 1969 - 25 Mar. 1970	1970
19700090620	Advanced spacecraft valve technology Quarterly progress report	1970
19700090621	Liquid phase reactions of hypergolic propellants Quarterly progress report	1970
19700090623	Study of the techniques feasible for food synthesis aboard a spacecraft Semiannual status report, 1 Aug. 1969 - 31 Jan. 1970	1970
19700090624	Study of the effects of space vehicle vibrations on chromosomes and other cellular structures Quarterly status report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700090625	Correlation of drosize distribution and injector variables Monthly progress report	1970
19700090626	Experimental study of low-density nozzle flows Monthly status letter, 1-28 Feb. 1970	1970
19700090627	A study concerning the use of ATSR with spinning spacecraft. Part 1 - Technical discussion Final project report	1970
19700090628	Low speed inducer for a rocket engine feed system Monthly progress report	1970
19700090629	Experimental study of low-density nozzle flows Quarterly progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700090631	Monthly letter report	1970
19700090633	Advanced injector concepts investigation Informal monthly progress report, 1-28 Feb. 1970	1970
19700090634	Investigation of advanced thrust chamber designs Monthly progress report	1970
19700090635	A failure flow analysis of system test and flight malfunctions of the RAE-A spacecraft Final report	1970
19700090637	Planetary meteorology Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700090638	Binder model system to be used for determination of prepolymer functionality Quarterly report, 19 Nov. 1969 - 19 Feb. 1970	1970
19700090639	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process, February 1970	1970
19700090640	Development of advanced fabrication techniques for regeneratively cooled thrust chambers by the gas-pressure bonding process Monthly progress report, Feb. 1970	1970
19700090642	Research and development and evaluation of a lightweight, high strength magnesium alloy Quarterly report, 1 Nov. 1969 - 1 Feb. 1970	1970
19700090644	Composite overwrapped metallic tanks Monthly progress report, 26 Feb. - 25 Mar. 1970	1970
19700090645	Cycle testing of cryogenic expulsion bellows Monthly technical progress narrative no. 9	1970
19700090647	Translations on French nuclear, missile, space, and related military developments	1970
19700090649	Translations on French nuclear, missile, space, and related military developments, no. 214	1970
19700090653	Resin/graphite fiber composites Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700090655	Investigation and study of transient heat transfer Progress report	1970
19700090658	Translations on French nuclear, missile, space, and related military developments	1970
19700090659	Investigation of extendable nozzle concepts Quarterly progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700090662	Progress report for the eleventh period, 1 May through 31 October 1969 and the twelfth period, 1 November 1969 through 30 April 1970	1970
19700090663	Diborane Handbook Quarterly status letter, 1 Dec. 1969 - 28 Feb. 1970	1970
19700090665	Pressure sensing control Monthly report, 1 Feb. - 1 Mar. 1970	1970
19700090668	Thrust chambers for space storables Monthly progress report, 1 Feb. - 1 Mar. 1970	1970
19700090703	Impeller clearance effects Monthly progress report, period ending 28 Feb. 1970	1970
19700090718	Effect of baffles on combustion instability Monthly progress report, Feb. 1970	1970
19700090719	System analysis of gelled space-storable propellants Quarterly progress report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700090720	Effect of distributed energy release on rocket engine performance Monthly status report, 15 Feb. - 14 Mar. 1970	1970
19700090723	Phase 2 HEUS motor Quarterly letter status report, Dec. 1969	1970
19700090834	Plasma and space physics Progress report	1970
19700090838	Subcritical flaw growth in metal tanks Monthly progress report, 1-28 Feb. 1970	1970
19700090839	Lightweight modular multilayer insulation Progress report, 1-28 Feb. 1970	1970
19700090840	Thermal Skin fabrication technology program Monthly report, 2 Feb. - 2 Mar. 1970	1970
19700090848	Pressure sensing control Monthly report, 1 Jan. - 1 Feb. 1970	1970
19700090849	Analysis of molecular gas lasers in flow systems Progress report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700090854	Development of piezoelectric skin-friction- force vector transducer for a hypersonic wind tunnel Semiannual status report	1970
19700090855	Study of space station propulsion system resupply and repair Quarterly progress report, 1 Oct. 1969 - 1 Jan. 1970	1970
19700090856	The effect of random axisymmetric imperfections in shape on the buckling of circular cylindrical shells Status report	1970
19700090862	Synthesis of polymers with high residues at high temperatures Summary report, 1 Feb. 1969 - 31 Jan. 1970	1970
19700090863	Conductive and radiative end-wall heat transfer behind reflected shock waves in air and nitrogen Quarterly progress report	1970
19700090864	Investigation of gas-augmented injectors Monthly progress report, Jan. 1970	1970
19700090865	IMBLMS - Preliminary design requirements for engineering development unit	1970
19700090869	IMBLMS, phase B-3 Final monthly progress report	1970
19700090896	Transient model of hydrogen/oxygen reactor Monthly progress report, 1-31 Mar. 1970	1970
19700090897	Heat pipe technology for advanced rocket thrust chambers Monthly status report, 1-31 Mar. 1970	1970
19700090898	Investigation of space storable propellant acquisition devices Monthly letter report	1970
19700090899	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Feb. - 19 Mar. 1970	1970
19700090900	Simulation effectiveness Progress report	1970
19700090901	Space cell test program Progress report	1970
19700090914	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-31 Mar. 1970	1970
19700090915	Evaluation of two sensor candidates for use in lunar exploration gravimeter/surveying system Midterm progress report	1970
19700090933	Application of digital computer techniques to rectification and enhancement of astronomical images Quarterly report, 1 Jun. - 30 Nov. 1969	1970
19700090934	Fluid dynamic and heat transfer problems of modern air breathing propulsive system Quarterly status report, 1 Oct. - 31 Dec. 1969	1970
19700090973	Quarterly status report, period ending 31 January 1970	1970
19700090974	Shock wave and boundary layer formation on a flat plate in rarefied hypersonic flow Monthly progress report	1970
19700091060	UV observations of planets and comets Quarterly progress report, 1 Nov. 1969 - 31 Jan. 1970	1970
19700091061	Structural and spectral studies of sunspots Semiannual report, 1 Sep. 1969 - 1 Mar. 1970	1970
19700091062	Study of numerical methodology for dynamic buckling of shell structures Quarterly progress report, 9 Dec. 1969 - 28 Feb. 1969	1970
19700091063	Oxidation and agglomeration resistance of thin gage dispersion strengthened alloys Quarterly status report	1970
19700091064	Space storable regenerative cooling investigation Monthly progress report, 1-31 Mar. 1970	1970
19700091089	Semiannual review of research and advanced development, volume 2, part 2, 1 July - 31 December 1969	1970
19700091090	Chemical propulsion	1970
19700091091	Chemical rocket experimental engineering	1970
19700091092	Research program SRT	1970
19700091093	Semiannual review of research and advanced development, volume 2, part 1, 1 July - 31 December 1969	1970
19700091094	Space power and electric propulsion system SRT	1970
19700091095	Space vehicle systems SRT	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091096	Electronics systems SRT	1970
19700091097	A research program in solar physics Semiannual status report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700091098	Investigation of the effect of metallurgical structure and properties on the adhesion and friction behavior of cobalt alloys Quarterly report	1970
19700091099	Techniques for ruling improved large diffraction gratings Semiannual report, 1 Sep. 1969 - 1 Mar. 1970	1970
19700091101	Fluorine lubricated bearing technology Monthly progress report, March 1970	1970
19700091102	Semiannual review of research and advanced development, volume 1, 1 July - 31 December 1969	1970
19700091103	Space applications SRT /160/	1970
19700091104	Communications SRT /164/	1970
19700091105	Applications technology satellite /630/	1970
19700091106	Launch vehicle SRT /180/	1970
19700091107	Planetary exploration SST-science /185/	1970
19700091108	Planetary exploration SRT-advanced technical development /186/	1970
19700091109	Physics and astronomy SRT /188/	1970
19700091110	Data analysis /385/	1970
19700091111	Bioscience SRT /189/	1970
19700091112	Planetary quarantine and back contamination /191/	1970
19700091113	Lunar science SRT /195/	1970
19700091114	Planetary astronomy /196/	1970
19700091115	Apollo spacecraft /914/	1970
19700091116	Cryogenic filament-wound tank evaluation Monthly progress report, 22 Feb. - 22 Mar. 1970	1970
19700091117	Fluid dynamic aspects of cardiovascular behavior during vibration Quarterly progress report	1970
19700091120	Liquid phase reactions of hypergolic propellants Monthly progress report, period ending 31 Mar. 1970	1970
19700091122	Glass-fiber tubing for cryogenic fluids Monthly progress report, 2-29 Mar. 1970	1970
19700091123	Advanced bearing study Monthly progress report, 1-31 Mar. 1970	1970
19700091124	Low speed inducer for a rocket engine speed system Monthly progress report, period ending 31 Mar. 1970	1970
19700091125	System analysis of gelled space-storable propellants Monthly progress report, 1-31 Mar. 1970	1970
19700091126	Effect of baffles on combustion instability Monthly progress report, period ending 31 Mar. 1970	1970
19700091127	Protective coating system for a regeneratively cooled thrust chamber Monthly progress report	1970
19700091128	Impeller clearance effects Monthly progress report, period ending 31 Mar. 1970	1970
19700091129	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Monthly progress report, 1-31 Mar. 1970	1970
19700091132	Advanced spacecraft valve technology Monthly progress report, 1 Mar. - 1 Apr. 1970	1970
19700091133	Cryogenic alloy screening Monthly progress report, 1-31 Mar. 1970	1970
19700091134	Vibrational spectra and structure of 3-oxetanone	1970
19700091135	A study of lunar and planetary surfaces and atmospheres Semiannual progress report, 1 Jun. - 31 Mar. 1970	1970
19700091143	Apollo IMU summary report, volume 1	1970
19700091144	ESTL up-data link. Phase 3 - Test accuracy analysis	1970
19700091167	Research on spacecraft electrical power conversion Quarterly status report, period ending 31 Jan. 1970	1970
19700091209	Space isotope power program /U/ Quarterly report, Oct. - Dec. 1969	1970
19700091211	Radiation analysis for non-nuclear components of the NERVA development engine NRX-A6 reactor test /U/	1970
19700091228	Elemental abundances in meteoritic and terrestrial matter Semiannual progress report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700091230	Remote sensing of ionospheric motions - Development of the kinesonde system Status report, 1 Sep. 1969 - 31 Mar. 1970	1970
19700091231	Cycle Testing of Graphite Filament-Wound Pressure Vessels	1970
19700091232	Composite overwrapped metallic tanks Monthly progress report, 20 Mar. - 25 Apr. 1970	1970
19700091330	A non-synchronous method of demodulating amplitude-modulated signals with asymmetrical sidebands	1970
19700091331	Satellite broadcasting service areas	1970
19700091335	Experimental study of low-density nozzle flows Monthly status letter, 1-31 Mar. 1970	1970
19700091339	Cycle testing of cryogenic explosion bellows Monthly technical progress narrative no. 10	1970
19700091342	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Mar. - 10 Apr. 1970	1970
19700091343	Research in photochemistry and enzymology of photosynthesis Quarterly status report, 6 Jan. - 6 Apr. 1970	1970
19700091344	Investigation and study of transient heat transfer Progress report	1970
19700091345	Thrust chambers for space storables Monthly progress report, 1 Mar. - 1 Apr. 1970	1970
19700091346	Correlation of spray drop size distribution and injector variables Monthly status report	1970
19700091347	Investigation of advanced thrust chamber designs Monthly progress report	1970
19700091348	Subcritical flaw growth in metal tanks Monthly progress report, 1 Mar. - 31 Mar. 1970	1970
19700091356	Evaluation of 3 samples of floor sealer, Trio Chemical lot 34-13, Cello Chemical F33029 and Lasting Products batch 53L8/JB980	1970
19700091399	Suppression of combustion oscillations with mechanical damping devices Monthly status report, 1 Apr. - 30 Apr. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091401	Applications of aerospace technology to solid waste management, and weather modification Monthly report	1970
19700091402	Lightweight modular multilayer insulation Monthly progress report, 1-31 Mar. 1970	1970
19700091404	Participation in the development of instruments for Mars Landers Final report, 1 May 1969 - 30 Apr. 1970	1970
19700091405	Thermal skin fabrication technology program Monthly report, 2 Mar. - 2 Apr. 1970	1970
19700091406	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Mar. - 19 Apr. 1970	1970
19700091407	Stress corrosion cracking of titanium alloys at ambient temperature in aqueous solutions Quarterly progress report, Jan. - Mar. 1970	1970
19700091408	Effect of distributed energy release on rocket engine performance Monthly status report, 15 Mar. - 14 Apr. 1970	1970
19700091409	Electroformed injector fabrication techniques Monthly progress report	1970
19700091410	Investigation of gas-augmented injectors Monthly progress report	1970
19700091411	LABoratory for Applications of Remote Sensing monthly progress letter, October 1969	1970
19700091412	Extend the design criteria for the coaxial pintle injector to higher chamber pressures and to gaseous fuel Monthly progress report, 24 Jan. - 20 Feb. 1970	1970
19700091414	Space storable regenerative cooling investigation Monthly progress report, Feb. 1970	1970
19700091415	Investigation of superconducting interactions Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700091418	Two inch return-beam vidicon camera system Quarterly report, 8 Apr. - 7 Oct. 1969	1970
19700091419	Sounding rocket instrumentation and flight report - NASA 18.78 GA model A planetary mass spectrometer test flight	1970
19700091420	Space vehicle integrated thermal protection/ structural/meteoroid protection system Monthly progress report, 14 Mar. - 15 Apr. 1970	1970
19700091421	Investigation of the feasibility of developing low-permeability polymeric films Monthly progress report, 1-30 Apr. 1970	1970
19700091422	Quarterly progress report, 1 November 1969 - 31 January 1970	1970
19700091437	Design, development, fabrication, and installation of the 105 inch lunar and planetary telescope at McDonald Observatory Quarterly status report, 23 Dec. 1969 - 22 Mar. 1970	1970
19700091439	A measurement of the decametric radio emission from Jupiter during a lunar occultation Final report	1970
19700091445	Study of ERTS ground display equipment interface requirements, phase 2, 2 September 1969 - 2 January 1970	1970
19700091451	Multispectral point scanner study. Multispectral scanning point scanner camera system Final report	1970
19700091453	The 480th Reconnaissance Technical Group /RTG/ management information system. Volume 1 - Concept design and development plan Final report, 4 Nov. 1968 - 3 Sep. 1969	1970
19700091515	Roll characteristics of three recovered reentry vehicle replicas with surface striations at Mach numbers 6, 8, and 10 /U/ Final report	1970
19700091555	Stress intensity factors for surface flawed fracture specimens Quarterly status report	1970
19700091562	Connector, electrical, receptacle only	1970
19700091568	Diborane handbook Monthly status letter, 1-30 Apr. 1970	1970
19700091569	Localization of solar X-ray emission at energies above 3 keV Progress report, 20 Feb. - 19 Apr. 1970	1970
19700091570	Cryogenic alloy screening Monthly progress report, 1-30 Apr. 1970	1970
19700091574	Investigation of space storable propellant acquisition devices Quarterly letter report, 1 Feb. - 30 Apr. 1970	1970
19700091577	Investigation of boundary layer transition Progress report	1970
19700091581	Liquid phase reactions of hypergolic propellants Monthly progress report, period ending 30 Apr. 1970	1970
19700091594	Degradation mechanism, hydrocarbon polymer Monthly status report, period ending 30 Apr. 1970	1970
19700091601	Methods of orbit calculations Quarterly report, 23 Jan. - 23 Apr. 1970	1970
19700091602	Study of hydrazine reactor vacuum start characteristics Quarterly progress report, 1 Feb. - 30 Apr. 1970	1970
19700091603	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-30 Apr. 1970	1970
19700091605	Boundary cooled rocket engines for space storable propellants Monthly status report, period ending 1 May 1970	1970
19700091606	Performance analysis system for 53 and SAS Quarterly report, 10 Jan. - 10 Apr. 1970	1970
19700091611	Application of radioactive tracer techniques to flow decay problems Monthly progress report, 26 Mar. - 26 Apr. 1970	1970
19700091612	Investigation of population inversion by gas dynamic mixing Bimonthly progress report number 11, 28 Feb. - 27 Apr. 1970	1970
19700091613	Suprathermal electrons in a solar eclipse Quarterly progress report	1970
19700091614	Fluorine lubricated bearing technology Monthly report, Apr. 1970	1970
19700091615	Evaluation of the effects of lunar surface ordered roughness and interior inhomogeneities, part 2 Quarterly progress report	1970
19700091618	Space storable regenerative cooling investigation Monthly progress report, Apr. 1970	1970
19700091619	A light ion mass spectrometer experiment for OGO-E Quarterly report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700091620	Colloid thruster technology Quarterly report, 21 Dec. 1969 - 20 Mar. 1970	1970
19700091621	ATS-F solar cosmic ray and trapped particle experiment Quarterly report, 1 Jan. - 1 Apr. 1970	1970
19700091622	Cryogenic filament-wound tank evaluation Monthly progress report, 22 Mar. - 22 Apr. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091625	Techniques for reducing mixer conversion loss in millimeter wave receivers for communications and radiometry, supplement 1 Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700091626	Report covering subtask 2 of task 1, design evaluation. Regeneratively cooled graphite-lined thrust chamber, appendix A	1970
19700091627	The influence of temperature on fatigue-crack growth Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700091628	The adsorption of gases on stainless steel in the pressure range 10 to the -10th power to .001 torr Quarterly report	1970
19700091647	Fundamental ignition study for material fire safety improvements Monthly status report, April 1970	1970
19700091652	Advanced Bearing Study	1970
19700091666	Semiannual report, 1 October 1969 - 31 March 1970	1970
19700091667	Investigation of the detectivity of radiation-produced defect levels in n and p type silicon and germanium Semiannual progress report	1970
19700091668	Experiments in hypersonic turbulent boundary layers Progress report, 1 Oct. 1969 - 31 Mar. 1970	1970
19700091701	Longlines communications guide, AS-508	1970
19700091702	Application of remote sensor data to geologic and economic analyses of the Bonanza test site, Colorado Annual report	1970
19700091703	Quarterly progress letter, 16 December 1969 - 15 Mar. 1970	1970
19700091704	Status report, 1 December 1969 - 1 March 1970	1970
19700091705	NASA general purpose structural analysis program /NASTRAN/ Quarterly report, 1 Oct. 1969 - 1 Jan. 1970	1970
19700091706	Parametric investigation of planform and aeroelastic effects on aerodynamic center, alpha and q stability derivatives Progress report	1970
19700091708	Finite element shell instability analysis Progress report, 1 Jan. - 31 Mar. 1970	1970
19700091711	Fourth quarterly progress report, 1 January - 31 March 1970	1970
19700091712	Development of high temperature materials for solid propellant rocket nozzle applications Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700091713	Refined methods of aeroelastic analysis and optimization Semiannual progress report	1970
19700091714	Special studies of meteorological measurement techniques up to 100 kilometers Semiannual status report, 1 Jul. - 31 Dec. 1969	1970
19700091715	Semiannual progress report	1970
19700091716	Quarterly status report number 3, 1 January to 31 March 1970	1970
19700091717	Final report	1970
19700091720	Pressure sensing control Monthly report, 1 Apr. - 1 May 1970	1970
19700091722	A study of condensation in rocket nozzles and exhausts Progress report, 1 Jan. - 31 Mar. 1970	1970
19700091727	Determination of guidelines for finite element structural analysis Quarterly progress report, 1 Dec. 1967 - 28 Feb. 1970	1970
19700091728	Design of inducers for two-phase operation Monthly progress report	1970
19700091732	Propulsion and power generation Progress report, 1 Dec. 1968 - 31 Dec. 1969	1970
19700091782	Dynamics of the solar wind and its interaction with bodies in the solar system Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700091810	Investigation into some of the problems of Lunar Orbiter photography system Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700091811	Suppression of combustion oscillations with mechanical damping devices Quarterly progress report, 27 Dec. 1969 - 27 Mar. 1970	1970
19700091813	Reduction and analysis of magnetometer data from Mariners 4 and 5 Status report, 1 Oct. 1969 - 31 Mar. 1970	1970
19700091817	Evaluation of the source of monopulse tracking error caused by the GRARR VHF interference suppressor Final report	1970
19700091818	Progress report from 1 September 1969 to 1 March 1970	1970
19700091819	Investigation and study of transient heat transfer	1970
19700091820	Identifying critical problem areas in the microelectronic field	1970
19700091821	Lightweight modular multilayer insulation Progress report, 1 Apr. - 14 May 1970	1970
19700091822	System analysis of gelled space-storable propellants Monthly progress report, 1-30 Apr. 1970	1970
19700091825	Laser non-scanning techniques feasibility study Final report, 1 May 1968 - 3 Mar. 1969	1970
19700091834	Color of the K corona	1970
19700091835	Research in solar ultraviolet spectroscopy Semiannual status report, 1 Oct. 1969 - 31 Mar. 1970	1970
19700091836	Quarterly status report, January through March 1970	1970
19700091837	Investigation of gas-augmented injectors Monthly progress report	1970
19700091838	Economic study of oxygen difluoride Monthly status report	1970
19700091839	Riometer measurements during 1969 auroral expedition Quarterly progress report	1970
19700091840	Synthesis of polymers with high residues at high temperatures Quarterly letter report, 1 Feb. - 30 Apr. 1970	1970
19700091841	Coordinated space related studies at New York University Progress report, 1 Sep. 1969 - 1 Mar. 1970	1970
19700091843	Electrochemical studies in aluminum chloride melts Semiannual status report	1970
19700091844	Applications of aerospace technology to weather modification Monthly report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091847	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Apr. - 22 May 1970	1970
19700091848	Suppression of combustion oscillations with mechanical damping devices Monthly status report, 1-31 May 1970	1970
19700091849	Application of radioactive tracer techniques to flow decay problems Monthly progress report, 26 Apr. - 26 May 1970	1970
19700091850	Space storable thruster investigation Monthly progress report, 25 Mar. - 25 Apr. 1970	1970
19700091851	Space vehicle integrated thermal protection/ structural/meteoroid protection system Monthly progress report, 15 Apr. - 15 May 1970	1970
19700091852	Criteria for program evaluation and applications studies Quarterly progress reports	1970
19700091853	Radical stabilities in nitrogen containing heterocyclic radicals Quarterly progress letter, Jan. - Mar. 1970	1970
19700091854	Study of surface pressure distribution induced on bodies of revolution by a subsonic cold air jet exhausting normal to the surface and into a subsonic free stream Quarterly status report, 1 Feb. - 30 Apr. 1970	1970
19700091855	Fluid dynamic and heat transfer problems of modern air breathing propulsion system Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700091857	Control elements for an unmanned extraterrestrial vehicle Progress report, 1 Sep. 1969 - 15 Feb. 1970	1970
19700091858	Control power requirements of VTOL aircraft Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700091859	Semiannual report, 1 July - 31 December 1969	1970
19700091860	Status report, 1 November 1969 - 30 April 1970	1970
19700091861	Research in aircraft propulsion noise and its reduction Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700091875	Measurement and display of control information /remote manipulation and manual control/ Progress report, 1 Apr. 1969 - 31 Mar. 1970	1970
19700091876	Cryogenic research and development Progress report, period ending 31 Mar. 1970	1970
19700091877	Study of semiconductor heterojunctions of ZnSe, GaAs and Ge Progress report, 1 Feb. - 30 Apr. 1970	1970
19700091882	Theoretical and experimental investigations of antennas and waves in plasma Semiannual status report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700091883	Radio controlled free flight spin tests of a 1/9-scale model of the F-111A airplane	1970
19700091884	Thrust chambers for space storables Monthly progress report, 1 Apr. - 1 May 1970	1970
19700091887	Degradation mechanism, hydrocarbon polymer Quarterly status report	1970
19700091895	Rubidium gas cell study Interim report	1970
19700091896	Composite overwrapped metallic tanks Monthly progress report, 26 Apr. - 25 May 1970	1970
19700091898	Cycle testing of graphite filament wound pressure vessels Monthly progress report, 26 Apr. 1969 - 25 May 1970	1970
19700091904	Investigation of extendable nozzle concepts Quarterly progress report, 1 Feb. - 30 Apr. 1970	1970
19700091905	Laser system of extended range Progress report, 1 Nov. 1969 - 30 Apr. 1970	1970
19700091907	Investigation of advanced thrust chamber designs Monthly progress report	1970
19700091908	Subcritical flaw growth in metal tanks Monthly progress report, 1 Apr. - 30 Apr. 1970	1970
19700091909	Thermal Skin fabrication technology program Monthly report, 2 Apr. - 2 May 1970	1970
19700091910	Glass-Fiber Tubing for Cryogenic Fluids Monthly Progress Report, 30 Mar - 3 May 1970	1970
19700091911	Impeller clearance effects Monthly progress report	1970
19700091912	Effect of baffles on combustion instability Monthly progress report	1970
19700091913	Design and development of diborane shipping container Quarterly letter, 7 Feb. - 6 May 1970	1970
19700091914	Correlation of drop size distribution and injector variables Quarterly progress report	1970
19700091915	Space storable regenerative cooling investigation Monthly progress report	1970
19700091916	Fiberglass supports for cryogenic tanks Monthly activity report, Apr. 1970	1970
19700091918	Fluid physics Status report, 1 Jun. 1969 - 31 May 1970	1970
19700091921	Supersonic jet exhaust noise Monthly progress report, 26 Apr. - 26 May 1970	1970
19700091922	Genetic and metabolic variability in autotrophic and heterotrophic bacteria Status report, 1 Nov. 1969 - 30 Apr. 1970	1970
19700091923	Proximity effect between superconducting and normal metals Semiannual report	1970
19700091924	Convolutional coding techniques for data protection Quarterly progress report, 16 Feb. - 15 May 1970	1970
19700091925	Progress report, 1 Mar. - 31 May 1970	1970
19700091926	NASA space cell test program Monthly progress report	1970
19700091927	Investigation of instabilities in atmospheric flow systems associated with clear air turbulence Quarterly progress report, 16 Feb. - 15 May 1970	1970
19700091928	Liquid phase reactions of hypergolic propellants Monthly progress report, period ending 31 May 1970	1970
19700091929	Design and development of diborane shipping container Monthly status letter, 7 May - 6 Jun. 1970	1970
19700091931	Contract for regeneratively cooled graphite-lined thrust chamber Monthly report, 27 Apr. - 31 May 1970	1970
19700091932	Phase 2 of sterilization and storage compatibility study of growth media for extraterrestrial use	1970
19700091934	California Institute of Technology semiannual status report, 1 October 1969 - 31 March 1970	1970
19700091937	University of Arizona semiannual report	1970
19700091938	Degradation mechanism, hydrocarbon polymer Monthly status report, May 1970	1970
19700091939	Study of hydrazine reactor vacuum start characteristics Monthly progress report, 1-31 May 1970	1970
19700091940	Molecular interactions in monolayers. Part 2 - Influence of molecular associations on foam stability and retardation of evaporation of water through mixed monolayers	1970
19700091942	The growth of insulating magnetic crystals involving second and third transition metal ions Quarterly report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700091944	Parametric Investigation of Planform and Aeroelastic Effects on Aerodynamic Center, Alpha-Stability and G-Stability Derivatives Progress Report	1970
19700091945	Minimum variance estimators for signal derivatives - A problem instrument landing systems Semiannual status report, 1 Nov. 1969 - 1 May 1970	1970
19700091946	Theoretical research in heterogeneous combustion Quarterly progress report, 1 Jan. - 1 Apr. 1970	1970
19700091947	A force balance system for the measurement of skin friction drag force Quarterly progress report, 15 Dec. 1969 - 15 Mar. 1970	1970
19700091948	Lightweight metal mirrors for astronomical telescopes	1970
19700091951	Dynamic coupling and lunar periodicities in biological control systems Progress report	1970
19700091952	Cast segment evaluation Quarterly technical progress report, 18 Dec. 1969 - 17 Mar. 1970	1970
19700091955	Investigation of space storable propellant acquisition devices Monthly letter report, 1-28 Feb. 1970	1970
19700091956	Properties of cryogenically worked materials Monthly progress report, 27 Apr. - 31 May 1970	1970
19700091957	Abnormal grain growth in TD-nickel Annual status report	1970
19700091958	Surface properties of thermionic electrodes Quarterly status report, 1 Feb. - 30 Apr. 1970	1970
19700091960	Basic research in solar physics Research report, 1 Sep. 1969 - 1 Mar. 1970	1970
19700091963	The theory of parallel operations in digital systems Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700091964	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Apr. - 10 May 1970	1970
19700091965	Cycle testing of cryogenic expulsion bellows Monthly technical progress report, Apr. 1970	1970
19700091967	Quarterly status reports, 1 Oct. 1969 - 31 Mar. 1970	1970
19700091968	Development and testing of a triaxial angular accelerometer for high-performance aerospace vehicles	1970
19700091969	Extend the design criteria for the coaxial pintle injector to higher chamber pressures and to gaseous fuel Monthly progress report, 21 Feb. - 27 Mar. 1970	1970
19700091975	Scientific communication research in space biology Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700091976	Boron arsenide and boron phosphide for high temperature and luminescent devices Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700091977	Study of dual channel spectroradiometer systems Monthly progress report, period ending 31 May 1970	1970
19700091978	A research program in plasma physics Monthly progress report, 10 May - 10 Jun. 1970	1970
19700091979	Development of an effective reliable lift-off seal for use in advanced turbomachinery Monthly report	1970
19700091980	Critical evaluation and compilation of thermophysical property data for cryogenic materials and measurement of the properties of oxygen Quarterly progress report, period ending 31 Mar. 1970	1970
19700091989	Behavior of nozzles and acoustic liners in three-dimensional acoustic fields Quarterly report, 1 Mar. - 31 May 1970	1970
19700091990	A generalization of the regula falsi for the approximate calculation of null points of a system of nonlinear equations	1970
19700092001	Applications of control theory Quarterly status report	1970
19700092002	Monthly status report, May 1970	1970
19700092005	UHF relay stations - Vertically-polarized printed panel aerial	1970
19700092006	Automatic registration feasibility study - The use of sampling techniques for vertical registration error detection	1970
19700092007	Acoustic scaling - General outline	1970
19700092008	A method of averaging frequency modulated signals	1970
19700092009	Colour cameras - Automatic compensation for changes in the spectrum of the light incident on to the scene	1970
19700092010	Combined effect of several interfering signals	1970
19700092012	Pictorial review of Lockheed capability in solar photovoltaic and battery electrical power systems	1970
19700092013	Rocket probes for the upper F region Quarterly report, 1 Mar. - 31 May 1970	1970
19700092014	Quarterly status report, 1 January - 31 March 1970	1970
19700092015	Shock wave structure in binary mixtures of gases and strong shock waves in a convergent channel Status report, 1 Nov. 1969 - 1 May 1970	1970
19700092016	Shock wave and boundary layer formation on a flat plate in rarified hypersonic flow Monthly progress report, 26 Apr. - 26 May 1970	1970
19700092017	Calculation of magnetic time and experimental basis of the idea of magnetic time	1970
19700092018	Dynamics of the human body in free fall Semiannual report	1970
19700092021	Semiannual progress report, 1 September 1969 - 28 February 1970	1970
19700092025	Rocket investigations of auroral zone disturbances Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700092026	Meteorological interpretation of satellite radiation data Semiannual status report, 1 Oct. 1969 - 31 Mar. 1970	1970
19700092027	Combustion instability with partial length acoustic liner Semiannual report	1970
19700092028	Fluid dynamic aspects of cardiovascular behavior during low-frequency vibration Quarterly progress report	1970
19700092029	Glass-fiber tubing for cryogenic fluids Monthly progress report, May 1970	1970
19700092030	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, May 1970	1970
19700092031	Holographic networks	1970
19700092039	The synthesis of ninhydrin analogs for use in the identification of amino acids Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700092040	Fluorine lubricated bearing technology Monthly report, May 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092043	Fluid dynamic and heat transfer problems of modern air breathing propulsive system Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700092044	Progress report, period ending 30 April 1970	1970
19700092045	Continued photographic patrol and study of the physical conditions of the moon and planets Semiannual report, 15 Oct. 1969 - 14 Apr. 1970	1970
19700092046	Study of a unified hardware-software design of a microprogrammed system Quarterly report, 1 Mar. - 31 May 1970	1970
19700092047	A study of decoders for error correction Quarterly status report, 1 Mar. - 1 Jun. 1970	1970
19700092049	Dc to dc conversion networks for space applications Status report, 16 Oct. 1969 - 16 Apr. 1970	1970
19700092050	Study of thin electrode fuel cells Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700092051	Topics in structural dynamics Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700092052	Quarterly report, 1 January - 25 May 1970	1970
19700092054	Effect of distributed energy release on rocket engine performance Quarterly contract letter, 15 Feb. - 14 May 1970	1970
19700092060	Semiannual status report, 1 October 1969 - 31 March 1970	1970
19700092061	An experimental determination of the longitudinal modes of a simulated launch vehicle dynamic model Interim report	1970
19700092062	Transient model of hydrogen/oxygen reactor Monthly progress report, 1-31 May 1970	1970
19700092063	Study of the formation and behavior of clogging material in propellants Monthly progress report, 13 Apr. - 13 May 1970	1970
19700092064	Our moon. Natural history and research of the earth's satellite	1970
19700092065	Status report, 1 January - 31 March 1970	1970
19700092142	Pressure sensing control Monthly report, 1 Mar. - 1 Apr. 1970	1970
19700092199	Airborne Radio Direction Finding /ARDF/. Specific operational requirement /U/	1970
19700092205	Space storable oxidizer valve Monthly report, 1 Oct. 1969 - 1 Jun. 1970	1970
19700092209	Electroformed Injector Fabrication Techniques Quarterly Progress Report, 1 Mar. - 31 May 1970	1970
19700092211	Project 15G-C2299 Quarterly report, 1 Mar. - 31 May 1970	1970
19700092212	Summary of research Quarterly status report, 1 Feb. - 30 Apr. 1970	1970
19700092213	Life support in unusual environments Semiannual status report	1970
19700092214	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Monthly progress report, 1-31 May 1970	1970
19700092215	Correlation of drop size distribution and injector variables Monthly progress report, period ending 1 Jun. 1970	1970
19700092237	Property determination of sprayed coatings Monthly technical progress report	1970
19700092238	Portable astronauts test kit. Volume 3 - Cost estimate and schedule	1970
19700092240	Corrections to Observations of Intensities on the Sun	1970
19700092241	Cycle testing of graphite filament-wound pressure vessels Quarterly technical progress narrative no. 4, 26 Mar. - 25 Jun. 1970	1970
19700092242	Investigation and study of transient heat transfer Progress report, May 1970	1970
19700092243	Boundary cooled rocket engines for space storable propellants Monthly status report, period ending 1 Jun. 1970	1970
19700092244	Regeneratively cooled rocket engine for space storable propellants Monthly status report, period ending 1 Jun. 1970	1970
19700092247	Thrust chambers for space storables Monthly progress report, 1 May - 1 Jun. 1970	1970
19700092248	Investigation of gas-augmented injectors Monthly progress report, May 1970	1970
19700092250	Lunar studies Semiannual status report, 1 Nov. 1969 - 30 Apr. 1970	1970
19700092253	Study of advanced techniques for determining the long term reliability of components Monthly progress report, 14 May - 14 Jun. 1970	1970
19700092255	Investigation of refractory composites for liquid rocket engines Monthly letter report, 1-31 May 1970	1970
19700092256	Thermal skin fabrication technology program Monthly report, 2 May - 2 Jun. 1970	1970
19700092257	Space storable regenerative cooling investigation Monthly progress report, 1-31 May 1970	1970
19700092263	Composite overwrapped metallic tanks Monthly progress report, 28 May - 25 Jun. 1970	1970
19700092264	Hydrogen tank pressurizing gas injector Technical progress narrative, 5-31 May 1970	1970
19700092265	Cycle testing of cryogenic expulsion bellows Monthly report, 1-31 May 1970	1970
19700092268	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process, 1-31 April 1970	1970
19700092274	Fuel cell reliability assessment Quarterly progress report, 8 Oct. 1966 - 8 Jan. 1967	1970
19700092275	Production of creamed style soups, task 8 Final report	1970
19700092276	Development of new rehydratable fruit bars, task 6 Final report	1970
19700092277	Protective coating system for a regeneratively cooled thrust chamber Monthly progress report	1970
19700092279	Binder model system to be used for the determination of prepolymer functionality Quarterly report, 19 Feb. - 19 May 1970	1970
19700092280	Effects of baffles on combustion instability Monthly progress report, May 1970	1970
19700092281	Thermally resistant polymers for fuel tank sealants Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700092288	Lunar exploration program memorandum, 1969 - 1970 /preliminary edition/	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092295	Space vehicle integrated thermal protection, structural meteoroid protection system Monthly progress report, 15 May - 15 Jun. 1970	1970
19700092305	Solid state studies in ceramic alloys Quarterly progress report, 1 Mar. - 30 Jun. 1970	1970
19700092307	Solid state studies in ceramic alloys Quarterly progress report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700092310	Subcritical flaw growth in metal tanks Monthly progress report, 1-31 May 1970	1970
19700092313	Study of the formation and behavior of clogging material in propellants Monthly progress report, 13 May - 13 Jun. 1970	1970
19700092314	Surface brightness distribution over the stellar disk of the star with an extended scattering envelope	1970
19700092320	A research program in plasma physics Quarterly progress report, period ending 10 Jun. 1970	1970
19700092321	Suppression of combustion oscillations with mechanical damping devices Monthly status report, 1-30 Jun. 1970	1970
19700092331	A new exact synthesis technique for a class of symmetrical networks	1970
19700092348	Supersonic jet exhaust noise Monthly progress report, 26 May - 26 Jun. 1970	1970
19700092355	Evaluation of refractory/austenitic bimetal combinations Monthly letter report, 22 Oct. - 22 Nov. 1965	1970
19700092356	Space storable thruster investigation Monthly progress report, 25 Apr. - 25 May 1970	1970
19700092358	Impeller clearance effects Monthly progress report, period ending 31 May 1970	1970
19700092362	Decelerator performance study program Final test report	1970
19700092370	Optical sources Triannual report no. 1, 15 Jul. - 15 Nov. 1969	1970
19700092375	Investigation of advanced thrust chamber designs Monthly progress report	1970
19700092376	Pressure sensing control Monthly report, 1 May - 1 Jun. 1970	1970
19700092377	Cloud motions on Mars	1970
19700092379	Effect of distributed energy release on rocket engine performance Monthly contract status report no. 10, 15 May - 14 Jun. 1970	1970
19700092385	Aircraft Operations Manual	1970
19700092386	Shock wave and boundary layer formation on a flat plate in rarefied hypersonic flow Monthly progress report, 26 May - 26 Jun. 1970	1970
19700092387	Dielectric properties of battery electrolytes Technical report, 1 Jan. - 30 Jun. 1970	1970
19700092395	Liquid phase reactions of hypergolic propellants Monthly progress report	1970
19700092396	Construction and use of a pulsing system for a Van de Graaff accelerator	1970
19700092397	Radiative mean lives of some excited electronic terms in atomic and ionic carbon using beam-foil excitation	1970
19700092398	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 May - 19 Jun. 1970	1970
19700092399	Application of radioactive tracer techniques to flow decay problems Quarterly report, 26 Mar. - 26 Jun. 1970	1970
19700092400	Investigation of refractory composites for liquid rocket engines Monthly letter report, Apr. 1970	1970
19700092410	Results of shelf life evaluations	1970
19700092413	Establishment of localized buffeting loads of the Saturn 5 vehicle Final report, 14 Feb. 1969 - 15 Feb. 1970	1970
19700092421	Decelerator performance study. Free-flight wind tunnel test Final test report	1970
19700092422	Decelerator performance study. Static wind tunnel test Final test report	1970
19700092428	Investigation of population inversion by gas dynamic mixing Bimonthly progress report, 28 Apr. - 27 Jun. 1970	1970
19700092429	Degradation mechanism, hydrocarbon polymer Monthly status report, period ending 30 Jun. 1970	1970
19700092454	The Foxboro Company electronic recorder model 6410 DR-2	1970
19700092464	The Foxboro Company differential pressure transmitter model 13HA-MSI	1970
19700092479	Mission sequence no. 1, digital ranging generator	1970
19700092502	X-ray detection of disordered orthopyroxenes in meteorites Semiannual report, 1 Dec. 1969 - 30 May 1970	1970
19700092504	Semiannual status report no. 1	1970
19700092505	Studies of the development of stress mechanisms Progress report, period ending 31 May 1970	1970
19700092515	Career patterns of civilian executives in military research and development testing installations - An evaluation based on a comparative analysis of federal executives	1970
19700092516	The history, accomplishments, evaluation and future of federal executive boards	1970
19700092517	Administration of Air Force Research and Development programs - An examination of manpower standards and their impact on organizational and management patterns and practices	1970
19700092518	An application of science and engineering research methodology to problems of social technology - A proposed model for urban systems decision making	1970
19700092519	Use of civilian scientists and engineers in military field establishments - Patterns of authority at the first level of program administration	1970
19700092520	Development of an effective reliable lift-off seal for use in advanced turbomachinery Monthly report, Jun. 1970	1970
19700092522	Multispectral picture registration study Final report, May - Oct. 1969	1970
19700092544	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-30 Jun. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092545	Study of advanced techniques for determining the long term reliability of components Monthly progress report, 14 Jun. - 14 Jul. 1970	1970
19700092546	Effect of distributed energy release on rocket engine performance Monthly contract status report, 15 Jun. - 14 Jul. 1970	1970
19700092547	Preliminary shuttle GN and C software development plan	1970
19700092548	A comprehensive program for the compilation and analysis of thermal radioactive properties data	1970
19700092549	Extraterrestrial life detection Quarterly report, 15 Mar. - 31 Jul. 1970	1970
19700092550	National Aeronautics and Space Administration space cell test program Monthly progress report, 1-31 May 1970	1970
19700092553	Regeneratively Cooled Rocket Engine for Space Storable Propellants	1970
19700092555	Pressure sensing control Monthly report, 1 Jun. - 7 Jul. 1970	1970
19700092556	Properties of cryogenically worked materials Monthly progress report, 1-26 Jun. 1970	1970
19700092559	Effect of baffles on combustion instability Monthly progress report	1970
19700092560	Protective coating system for a regeneratively cooled thrust chamber Monthly progress report	1970
19700092561	Hydrogen tank pressurizing gas injector Technical progress narrative, 1-30 Jun. 1970	1970
19700092562	Space storable oxidizer valve Monthly report, 1 Jun. - 1 Jul. 1970	1970
19700092563	Investigation of discharge pressure oscillations in high pressure pumps Monthly progress report, 28 May - 27 Jun. 1970	1970
19700092565	Cycle testing of graphite filament-wound pressure vessels Monthly progress report, 26 Jun. - 25 Jul. 1970	1970
19700092591	System and Cost Effectiveness Manual for System Developers Final report	1970
19700092594	Saturn 5 AS-508 H-2 mission launch vehicle operational flight trajectory for 10 May 1970	1970
19700092602	Correlation of drop size distribution and injector variables Monthly progress report, period ending 15 Jul. 1970	1970
19700092603	Thrust chambers for space storables Monthly progress report, 1 Jun. - 1 Jul. 1970	1970
19700092604	Progress report, period ending 31 May 1970	1970
19700092615	NASA supplementary endurance test report	1970
19700092616	Investigation of the feasibility of developing low-permeability polymeric films Quarterly technical progress report, Apr. - Jun. 1970	1970
19700092617	Program Documentation Notes - An introduction	1970
19700092618	Radioisotope program /8000/ Progress report, Mar. 1970	1970
19700092623	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Monthly report, 1-30 Jun. 1970	1970
19700092624	Investigation of gas-augmented injectors Monthly progress report, Jun. 1970	1970
19700092666	Velocity requirements for missions into stationary orbits	1970
19700092667	Air Force Western Test Range communications handbook	1970
19700092668	A comparison of simulated docking dynamics from the Docking Dynamic Test Facility and analytical rigid-body docking dynamics	1970
19700092669	An analytic representation for dynamic analysis of a closed loop docking simulator	1970
19700092670	Docking dynamic test device modal analysis, volume 1	1970
19700092671	Docking dynamic test device modal analysis, volume 2	1970
19700092672	Stability math model of the Docking Dynamic Test Facility	1970
19700092673	An analysis and evaluation of the Docking Dynamic Test Facility	1970
19700092690	Summary of thrust vector control performance of six United Technology Center subscale seven segment Titan 3-M motors at pressure altitude conditions Final report, Sep. 1968 - Feb. 1969	1970
19700092696	Status of Mk 88 /Poseidon/ module testing, 3	1970
19700092697	Manufacture of jet engine thrust bearings by ausforming Interim engineering report, 15 Dec. 1969 - 15 Mar. 1970	1970
19700092725	Oscillatory combustion in rockets Semiannual report, 1 Dec. 1969 - 31 May 1970	1970
19700092726	The transmission of sonic boom signals into rooms through open windows. Part 3 - Experimental work and general discussion	1970
19700092733	Semiannual status report	1970
19700092734	MOS transistors for cryogenic amplifiers Semiannual status report, 1 Jan. - 30 Jun. 1970	1970
19700092735	Quarterly status report, 1 May - 31 July 1970	1970
19700092740	Flow visualization and analytical research for the development of mathematical models in incompressible flow Status report, 1 Feb. - 30 Jun. 1970	1970
19700092741	Progress report, 1 September 1969 - 30 June 1970	1970
19700092742	Time series analysis with missing data Semiannual status report, 1 Dec. 1969 - 31 May 1970	1970
19700092743	Development of high temperature materials for solid propellant rocket nozzle applications Quarterly progress report, 1 Apr. - 30 Jun. 1970	1970
19700092747	Status of Mk 88 /Poseidon/ module testing, 6	1970
19700092752	The effect of dilute potassium dichromate solutions on integral fuel tank coatings	1970
19700092765	Thermodynamic properties of interstitial elements in the refractory metals Progress report, 1 Mar. - 31 May 1970	1970
19700092766	Utilization of Habrobracon and Artemia as experimental materials in bioastronautic studies States report, Jan. - Jun. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700092767	Finite element shell instability analysis Progress report, 1 Apr. - 30 Jun. 1970	1970
19700092768	Report on time, frequency, and polar motion Quarterly status report, 1 Apr. - 30 Jun. 1970	1970
19700092769	The growth of insulating magnetic crystals involving second and third transition metal ions Quarterly report	1970
19700092770	Microbiological performance testing on the water management sub-system for a four-man space capsule Semiannual status report, 1 Dec. 1969 - 31 May 1970	1970
19700092771	Investigation of new systems for potential laser action Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19700092772	Research and advanced technological development activities, /ART/SRT/, volume 1, Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700092773	Research and Advanced Technological Development Activities (ART/SRT)	1970
19700092774	Research and advanced technological development activities, /ART/SRT/, volume 3 Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700092775	Research and advanced technological development activities, /ART/SRT/, volume 4 Quarterly progress report, 30 Sep. 1969 - 31 Mar. 1970	1970
19700092776	Research and advanced technological development activities, /ART/SRT/, volume 5 Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700092777	Analysis of IMP-C data from the magnetospheric tail Quarterly status report, 1 Aug. 1969 - 31 May 1970	1970
19700092778	Quarterly status report, 1 February - 30 April 1970	1970
19700092779	Study of numerical methodology for dynamic buckling of shell structures Quarterly progress report, 1 Mar. - 31 May 1970	1970
19700092781	Southwest meteor spectral patrol Final report, 1 Apr. 1969 - 31 Mar. 1970	1970
19700092783	Optimal space communications techniques Status report, 16 Mar. - 15 Jun. 1970	1970
19700092784	Studies on methods of jet noise reduction Progress report, Jan. - Dec. 1969	1970
19700092785	Electrophysiological studies of the nervous system Semiannual progress report	1970
19700092786	Semiannual status report, 1 October 1969 - 31 March 1970	1970
19700092787	Electroforming gold radiation shields within a selected area of aluminum reticle holders	1970
19700092802	Space electric power R and D program, part 2 /U/ Quarterly status report, period ending 30 Apr. 1970	1970
19700092803	Space isotope power program /U/ Quarterly report, Jan. - Mar. 1970	1970
19700092804	Fueled-graphite studies /U/ Quarterly progress report, Jan. - Mar. 1970	1970
19700092805	Characterization of iron in a fuel element and fuel beads /U/	1970
19700092808	Fueled-graphite studies /U/ Quarterly progress report, Oct. - Dec. 1969	1970
19700092813	Electrical test results of five Bussman Tron Type GLX 5 ampere fuses	1970
19700092906	Qualification report, semiconductor diode for General Dynamics drawing 423-800386	1970
19700092969	C-3 reliability verification test procedure part number 2760061-3C0R10	1970
19700092984	Rod lethality studies /U/ Final summary report, 1963 - 1968	1970
19700093045	Capacitor, fixed, non-polar, tantalum-foil, etched	1970
19700093067	Qualification test report on MIS 16276 filter made by Cornell-Dubilier Electronics	1970
19700093068	Magtrol friction brake FBE-109-101	1970
19700093073	Reliability verification test on BuWeps P/N 2360594-4 transistor field effect	1970
19700093074	Compilation of mathematical techniques as applied to reliability analysis	1970
19700093092	Transistor n-p-n, silicon, general purpose	1970
19700093104	Transistor, n-p-n high power switching	1970
19700093133	Capacitor, fixed, tantalum, drawn case, grounded cathode	1970
19700093141	Qualification of Sprague electric capacitor, fixed, tantalum, liquid electrolyte, polarized	1970
19700093149	The overall EMP instrumentation problem	1970
19700093164	A CW laser ranging and tracking system	1970
19700093168	Qualification test for DTL962 triple-3 input NAND/NOR gate	1970
19700093193	Antelope reliability verification test for BuWeps P/N 2360618-3, transistor, power, n-p-n	1970
19700093208	The effect of heat sterilization on the metallurgical characteristics of three solder alloys	1970
19700093234	Pace setting techniques in design and drafting	1970
19700093235	Failure modes of ceramic capacitors, style CK12 and CK13	1970
19700093299	LASL Rover program /U/ Quarterly status report, period ending 28 Feb. 1970	1970
19700093309	Resistor, variable, non-wire-wound, lead screw actuated	1970
19700093321	Glass fiber tubing for cryogenic fluids Monthly progress report, 1-31 Jul. 1970	1970
19700093322	Type 0035, silicon, diffused junction rectifier	1970
19700093342	Black spot /NC-123K/ combat evaluation - Self contained night attack system /U/ Technical report, 15 Nov. 1968 - 10 Jan. 1969	1970
19700093351	Qualification of radio interference filters	1970
19700093383	Life test, qualification	1970
19700093388	Type 0654, transistor, power, n-p-n /2N3265/	1970
19700093395	Aerodynamic characteristics of three recovered flight vehicles at Mach number 6 /U/ Final report	1970
19700093399	Technology application study - Transmission of high resolution imagery via satellite. Volume 1 - Study report /U/	1970
19700093445	Investigation on the feasibility of developing low-permeability polymeric films Monthly technical progress report, Jul. 1970	1970
19700093447	Pioneer outer planets missions Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093448	The attenuation of radiant energy in hot seeded hydrogen - An experimental study related to the gaseous core nuclear rocket Semiannual status report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700093449	Advanced theoretical and experimental studies in automatic control and information systems Semiannual status report, 1 Jan. - 30 Jun. 1970	1970
19700093450	Physics of cellular synthesis, growth and division Status report, 1 Jan. - 30 Jun. 1970	1970
19700093451	Scientific communication research in space biology Quarterly progress report, 1 Apr. - 30 Jun. 1970	1970
19700093452	An investigation of the properties of new semiconducting alloys and their application to luminescent devices Semiannual status report	1970
19700093453	UV observations of planets and comets Final report, 1 May 1969 - 31 Jul. 1970	1970
19700093454	General purpose simulator system study, part 2	1970
19700093455	The infrared absorption from 0.8 to 1.5 microns of CH ₄ and CO ₂ Semiannual status report, 1 Feb. - 1 Aug. 1970	1970
19700093456	Steady state interaction between radiation and matter in stellar atmospheres Progress report, 1 Jan. - 30 Jun. 1970	1970
19700093457	Analysis of data processing systems Quarterly report, 1 Jun. - 31 Aug. 1970	1970
19700093458	Avalanche diodes for the generation of coherent radiation Quarterly status report, 16 May - 15 Aug. 1970	1970
19700093459	Meteorite photography and recovery network Semiannual report, 1 Jan. - 30 Jun. 1970	1970
19700093460	Rocket investigations of auroral zones disturbances Quarterly progress report, 1 Apr. - 30 Jun. 1970	1970
19700093461	Hydrogen-oxygen APS engines Monthly technical progress report, Jul. 1970	1970
19700093462	Analysis and synthesis of manual control systems Monthly progress report, 1 Jun. 1969 - 30 Jun. 1970	1970
19700093463	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Jul. - 10 Aug. 1970	1970
19700093464	Investigation of refractory composites for liquid rocket engines Monthly progress report, Jul. 1970	1970
19700093465	Ultrastructural studies of bacteria grown in aqueous and semisolid media with emphasis on intercellular spatial orientation in uniform and zero gravity fields Semiannual status report, 1 Dec. 1969 - 31 May 1970	1970
19700093471	Quarterly status report, 1 May - 31 July 1970	1970
19700093472	The determination of multiple element airfoil geometries for maximizing lift coefficient Semi-annual status report	1970
19700093473	Two phase detonation as related to rocket motor combustion instability Semiannual progress report, 1 Feb. - 1 Aug. 1970	1970
19700093474	Short-range intermolecular forces and high temperature gas properties Semiannual progress report, 1 Mar. - 31 Aug. 1970	1970
19700093475	NASA postdoctoral resident research associateship program Status report, 1 Mar. - 31 May 1970	1970
19700093476	Physiological effects of artificial gaseous environments Semiannual report, 1 Mar. - 31 Aug. 1970	1970
19700093477	Research in space related areas in engineering and applied sciences	1970
19700093478	Semiconductor submillimeter wave devices Status report, 1 Dec. 1969 - 31 May 1970	1970
19700093479	Study of the decay and recovery of orbiting artificial space objects Semiannual progress report, 1 Nov. 1969 - 30 Apr. 1970	1970
19700093480	Investigation of homeostatic controls operating in tissues in response to dietary manipulations Semiannual status report, 1 Oct. 1969 - 31 Mar. 1970	1970
19700093481	Impact of shell-type structures with continuous media Final report, 1 Apr. 1966 - 31 Aug. 1970	1970
19700093482	Investigation of extendable nozzle concepts Quarterly progress report, 1 May - 31 Jul. 1970	1970
19700093483	Reactive stream separation photography Monthly progress report, period ending 31 Aug. 1970	1970
19700093484	Suppression of Combustion Oscillations with Mechanical Damping Devices	1970
19700093485	The GSFC-360-Mark 2 program Final report	1970
19700093486	Communication between man and computer Quarterly status report	1970
19700093488	Lunar surface holography experiment - Instrument feasibility demonstration Status report, 27 Jul. - 31 Aug. 1970	1970
19700093489	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Jul. - 22 Aug. 1970	1970
19700093490	Transient model of hydrogen/oxygen reactor Monthly progress report, 1 Aug. - 31 Aug. 1970	1970
19700093491	Hydrogen-oxygen catalytic ignition and thruster investigation Monthly progress report, 25 Jul. - 21 Aug. 1970	1970
19700093492	Investigation of building structure response to sonic booms Semiannual report, 1 Jan. - 30 Jun. 1970	1970
19700093493	Space vehicle integrated thermal protection/structural/meteoroid protection system Monthly progress report, 15 Jul. - 15 Aug. 1970	1970
19700093494	Study of the formation and behavior of clogging material in propellants Monthly progress report, 13 Jul. - 13 Aug. 1970	1970
19700093495	R and D evaluation of a lightweight, high strength magnesium alloy Quarterly report, 1 May - 1 Aug. 1970	1970
19700093496	National Bureau of Standards Quarterly status report, 1 Apr. - 30 Jun. 1970	1970
19700093500	Semiannual report, 1 Mar. - 31 Aug. 1970	1970
19700093501	Synthesis of polymers with high residues at high temperatures Quarterly letter report, 1 May - 31 Jul. 1970	1970
19700093502	Status report, 1 January - 30 Jun. 1970	1970
19700093503	Exploratory polymer synthesis Summary report, 1 May - 31 Jul. 1970	1970
19700093504	The solar atmosphere and the structure of active regions Quarterly status report, 1 May - 31 Jul. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093505	Fluid dynamic and heat transfer problems of modern air breathing propulsive system Quarterly status report, 1 Apr. - 30 Jun. 1970	1970
19700093506	Heat pipe technology for advanced rocket thrust chambers Informal monthly status letter, 1 Jul. - 31 Jul. 1970	1970
19700093508	Nonlinear aspects of combustion instability in liquid propellant rocket motors Semiannual status report, period ending 31 Jul. 1970	1970
19700093509	Regeneratively cooled rocket engine for space storable propellants Quarterly report, period ending 1 Aug. 1970	1970
19700093520	An experimental investigation of the round turbulent jet exhausting into a subsonic cross flow Semiannual status report	1970
19700093521	Reactive stream separation photography Monthly progress report, period ending 31 Jul. 1970	1970
19700093522	Fundamental ignition study for material fire safety improvements	1970
19700093523	Effect of baffles on combustion instability Monthly progress report, Jul. 1970	1970
19700093524	Thrust chambers for space storables Monthly progress report, 1-31 Aug. 1970	1970
19700093525	Hydrogen tank pressurizing gas injector Technical progress narrative, 1-31 Jul. 1970	1970
19700093526	Investigation of advanced thrust chamber designs Monthly progress report, Aug. 1970	1970
19700093527	Recent developments affecting the hydrogen maser as a frequency standard Monthly progress reports, Jun. and Jul. 1970	1970
19700093528	Investigation of superconducting interactions Quarterly report, 1 Apr. - 31 Jul. 1970	1970
19700093529	Effects of high and low barometric pressures on susceptibility and resistance to infection Quarterly status report, 1 Jan. - 31 Mar. 1970	1970
19700093530	Space charge effects in current transport Quarterly status report	1970
19700093532	The application of VLB interferometry to earth measurements Progress report, 1 Nov. 1969 - 30 Apr. 1970	1970
19700093533	An analysis of film cooling as an alternate thermal protection system for spacecraft during atmospheric re-entry Status report no. 3, Feb. - Jun. 1970	1970
19700093534	Examination of ROVER experiment 50 fuel elements /U/ Final report	1970
19700093536	Proceedings of the thermionic conversion specialists conference /U/	1970
19700093537	Development of a thermionic reactor space power system /U/ Summary report, 1 Nov. 1969 - 28 Feb. 1970	1970
19700093538	SNAP reactor programs /U/ Progress report, Nov. 1969 - Jan. 1970	1970
19700093540	Mound Laboratory isotopic power fuels programs - October - December 1969 /U/	1970
19700093541	Mound laboratory isotopic power fuels programs - January - March 1970 /U/	1970
19700093543	The test of a thermionic converter with a graphite sorption cesium reservoir /U/	1970
19700093544	Research on the perturbation method for treating nonlinear panel flutter problems Semiannual status report	1970
19700093545	Weak wave reflections at near 90 deg angle of incidence Interim technical report	1970
19700093546	Status report, 1 March - 1 June 1970	1970
19700093547	Transient model of hydrogen/oxygen reactor Monthly progress report, 1 Jul. - 31 Jul. 1970	1970
19700093548	Boron arsenide and boron phosphide for high temperature and luminescent devices Quarterly status report, 1 Apr. - 30 Jun. 1970	1970
19700093549	Status report, 1 November 1969 - 1 May 1970	1970
19700093550	Preliminary thermal distortion analysis of space shuttle orbiter wing	1970
19700093551	The influence of temperature on fatigue- crack growth Quarterly status report, 1 Apr. - 30 Jun. 1970	1970
19700093552	Thermodynamic properties of interstitial elements in the refractory metals Progress report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700093554	Resupply/repair of solid or hybrid attitude propulsion subsystems Monthly status report, Jul. 1970	1970
19700093556	Vibration population distribution in expanding flows Quarterly status report, 1 May - 31 Jul. 1970	1970
19700093563	Quantitative analysis of the program for biomedical application of aerospace technology Final report, 1 Jun. 1969 - 31 May 1970	1970
19700093564	Research in space related areas in engineering and applied science Status report	1970
19700093566	Subcritical flaw growth in metal tanks Monthly progress report, 1 Jun. - 30 Jun. 1970	1970
19700093570	Study to generate a plan for the development of astromedics Monthly progress report, 16 Jul. - 15 Aug. 1970	1970
19700093571	Cosmic ray investigations utilizing an emulsion chamber-calorimeter combination Semiannual status report, 1 Jan. - 30 Jun. 1970	1970
19700093572	Deformation and the strip necking zone in a cracked steel sheet Interim technical report	1970
19700093573	National Aeronautics and Space Administration space cell test program Progress report	1970
19700093574	Progress report, 20 June - 25 August 1970	1970
19700093575	Degradation mechanism, hydrocarbon polymer Quarterly status report, period ending 31 Jul. 1970	1970
19700093576	Correlation of drop size distribution and injector variables Quarterly progress report, period ending 15 Aug. 1970	1970
19700093580	Development of non-metallic interlocking boom Final report, Feb. - Jul. 1970	1970
19700093581	Quarterly progress report, 1 December 1969 - 28 February 1970	1970
19700093583	Light induced processes occurring in laser materials Quarterly report, 29 Aug. 1969 - 28 Aug. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093584	The reflectometer experiment for application technology satellite, phase 2 Annual report, 1 Jan. 1969 - 1 Jan. 1970	1970
19700093585	IMP 1 extendible retractable electric field measurement antenna sub-system Final project report	1970
19700093586	Environmental factors regulating circadian rhythms in Phaseolus leaves Semiannual report	1970
19700093587	The theory of parallel operations in digital systems Quarterly status report, 1 Apr. - 30 Jun. 1970	1970
19700093588	Research on elastic stability of large shells	1970
19700093589	Stress corrosion of metal tank materials Monthly progress report, 1 Jul. - 31 Jul. 1970	1970
19700093590	Electroformed injector fabrication techniques Monthly progress report, 1 Jul. - 31 Jul. 1970	1970
19700093600	Research in aeronomy Progress report, 1 Oct. 1969 - 31 Mar. 1970	1970
19700093601	Define and investigate the feasibility of some experiments on the lunar surface Final report	1970
19700093607	Solar cell radiation damage experiment for ATS-F spacecraft Quarterly report, 27 Mar. - 27 Jun. 1970	1970
19700093608	Solar cell radiation damage experiment for ATS-F spacecraft Quarterly report, 27 Dec. 1969 - 27 Mar. 1970	1970
19700093612	Auroral particles experiment Quarterly report	1970
19700093616	T-38, 10 feet/second square deceleration brake test	1970
19700093622	Two solar intensity calculations Summary report	1970
19700093624	Fiber glass supports for cryogenic tanks Monthly activity report, Jul. 1970	1970
19700093625	Liquid phase reactions of hypergolic propellants Monthly progress report, period ending 31 Jul. 1970	1970
19700093626	Suppression of combustion oscillations with mechanical damping devices Monthly status report, Jul. 1970	1970
19700093627	Supersonic jet exhaust noise Monthly progress report, 26 Jun. - 26 Jul. 1970	1970
19700093628	Fluid lubricated magnetic tape transport test model Final report, Jun. 1969 - Apr. 1970	1970
19700093629	Magnetometer data reduction study contract Phase 1 report, 7 Jan. - 15 Jul. 1970	1970
19700093630	Research on mechanisms of alloy strengthening. Part 1 - Strengthening through fine particle dispersion. Part 2 - Control of structure and properties by means of rapid quenching of liquid metals /splat cooling/ Semiannual report	1970
19700093631	Fundamental studies of the metallurgical, electrical, and optical properties of gallium phosphide and gallium phosphide alloys Quarterly progress report, 1 Apr. - 30 Jun. 1970	1970
19700093632	Special studies of meteorological measurement techniques up to 100 kilometers Semiannual status report, 1 Jan. - 30 Jun. 1970	1970
19700093633	Research in electrohydrodynamics Quarterly progress report, 1 Feb. - 30 Apr. 1970	1970
19700093634	Near critical and supercritical burning of fuel droplets Semiannual report, 1 Jan. - 30 Jun. 1970	1970
19700093635	Evaluation of absorption cycle for space station environmental control system application Quarterly progress report	1970
19700093636	Heat pipe technology for advanced rocket thrust chambers Monthly status report, Aug. 1970	1970
19700093637	Glass-fiber tubing for cryogenic fluids Monthly progress report, 1-30 Aug. 1970	1970
19700093638	Boundary cooled rocket engines for space storable propellants Monthly status report, period ending 1 Sep. 1970	1970
19700093639	Regeneratively cooled rocket engine for space storable propellants Monthly status report, period ending 1 Sep. 1970	1970
19700093640	Cryogenic filament-wound tank evaluation Monthly progress report, 23 May - 22 Jun. 1970	1970
19700093641	Cryogenic filament-wound tank evaluation Monthly progress report, 23 Jun. - 22 Jul. 1970	1970
19700093642	Shock wave and boundary layer formation on a flat plate in rarefied hypersonic flow Monthly progress report, 26 Jun. - 26 Jul. 1970	1970
19700093643	The problem of artificial gravity in space flight Progress report, 1 Jan. - 30 Jun. 1970	1970
19700093644	Evaluation of absorption cycle for space station environmental control system application Monthly progress report, 25 May - 24 Jun. 1970	1970
19700093645	Evaluation of absorption cycle for space station environmental control system application Monthly progress report, 25 Jun. - 24 Jul. 1970	1970
19700093647	Experimental and analytical studies of reflecting shock waves in a real gas Semiannual extended progress report, 1 Aug. 1969 - 30 Jun. 1970	1970
19700093650	Quarterly progress report, July 1970	1970
19700093651	Cryogenic filament-wound tank evaluation Monthly progress report, 29 Jun. - 26 Jul. 1970	1970
19700093652	Space storable oxidizer valve Monthly report, Jul. 1970	1970
19700093653	Cryogenic filament-wound tank evaluation Monthly progress report, 21 Apr. - 31 May 1970	1970
19700093654	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1 Jul. - 31 Jul. 1970	1970
19700093655	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Jun. - 10 Jul. 1970	1970
19700093656	Suprathermal electrons in a solar eclipse Quarterly progress report	1970
19700093657	Space storable oxidizer valve Monthly report, 1 Jul. - 1 Aug. 1970	1970
19700093658	Numerical integration and other techniques for computer aided network design programming Semiannual report, 1 Jan. - 30 Jun. 1970	1970
19700093659	Impeller clearance effects Monthly progress report, period ending 31 Jul. 1970	1970
19700093660	A theoretical and experimental study of the ionosphere using radio signals from earth satellites Progress report, 1 Jan. - 30 Jun. 1970	1970
19700093661	Research at the Stanford Center for Radar Astronomy Semiannual status report, 1 Jan. - 30 Jun. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093662	Spacecraft cell testing program Monthly progress report	1970
19700093663	Cycle testing of boron filament-wound tanks Monthly progress report, 11 May - 10 Jun. 1970	1970
19700093664	Subcritical flaw growth in metal tanks Monthly progress report, 1-31 Jul. 1970	1970
19700093665	Investigation of the feasibility of developing low-permeability polymeric films Monthly technical progress report, Aug. 1970	1970
19700093666	A study of selected radiation and propagation problems related to antennas and probes in magneto-ionic media Semiannual progress report, 1 Dec. 1969 - 1 Jun. 1970	1970
19700093667	Field calibration and checkout procedure thermocouple measurements Launch Complex 39	1970
19700093668	Study of radiation effects on liquid propellants Monthly report, Jul. 1970	1970
19700093669	Investigation of crystal growth in zero gravity environment, part A Monthly progress report, 1-28 Feb. 1970	1970
19700093670	Neutron emission following radiative pion capture in complex nuclei	1970
19700093671	Quarterly report, 1 May - 31 July 1970	1970
19700093672	Informal report covering the period December 1969 - May 1970	1970
19700093673	Physiological and engineering study of advanced thermoregulatory systems for extravehicular space suits Semiannual status report, 16 Dec. 1969 - 15 Jun. 1970	1970
19700093674	Design for a lunar vehicle	1970
19700093675	Semiannual status report, 1 February - 31 July 1970	1970
19700093676	Space vehicle integrated thermal protection/ structural/meteoroid protection system Monthly progress report, 15 Jun. - 15 Jul. 1970	1970
19700093677	Ignition system for space shuttle auxiliary propulsion system Monthly technical progress narrative, 29 Jun. - 26 Jul. 1970	1970
19700093678	Optimization of life support systems and their systems reliability Quarterly report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700093680	Monthly status report, 1-30 Jun. 1970	1970
19700093681	Investigation of technical problems related to retrieval of uncooperative orbiting objects Semiannual progress report	1970
19700093682	Glass-fiber tubing for cryogenic fluids Monthly progress report, 1 Jun. - 30 Jun. 1970	1970
19700093683	Dynamic characteristics of a variable-mass flexible missile Semiannual technical progress report, 1 Jan. - 30 Jun. 1970	1970
19700093684	Property determination of sprayed coatings Monthly technical progress report	1970
19700093685	Electroformed injector fabrication techniques Monthly progress report, Jun. 1970	1970
19700093686	Metallic positive expulsion diaphragm Monthly progress report, Jun. 1970	1970
19700093687	Space storable regenerative cooling investigation Monthly progress report, 1 Jul. - 31 Jul. 1970	1970
19700093688	Theoretical studies of some nonlinear aspects of hypersonic panel flutter Status report, 1 Mar. - 31 Aug. 1970	1970
19700093689	Chemistry of planetary atmospheres and comets Technical status report, 1 Sep. 1969 - 28 Feb. 1970	1970
19700093690	Applications of aerospace technology to weather modification Monthly report, Jul. 1970	1970
19700093691	High Altitude Engineering Laboratory Yearly report, 1 Jul. 1969 - 30 Jun. 1970	1970
19700093692	Calibration procedures position measurements Launch Complex 39	1970
19700093693	The adsorption of gases on stainless steel in the pressure range 10 to the -10th power to 10 to the -3rd power Torr Quarterly report	1970
19700093694	Investigation of the effect of metallurgical structure and properties on the adhesion and friction behavior of cobalt alloys Quarterly report	1970
19700093695	Hydrogen-oxygen catalytic ignition and thruster investigation Monthly progress report, 25 Jun. - 24 Jul. 1970	1970
19700093696	Cycle testing of cryogenic expulsion bellows Monthly technical progress narrative, Jul. 1970	1970
19700093697	Cycle testing of graphite filament-wound pressure vessels Monthly progress report, 26 Jul. - 25 Aug. 1970	1970
19700093698	Investigation of gas-augmented injectors Monthly progress report, Jul. 1970	1970
19700093700	Space storable explosively actuated valve - Pyronetics model 1356 Monthly progress report, 5 Jul. - 1 Aug. 1970	1970
19700093701	Investigation and study of transient heat transfer Progress report, Jul. 1970	1970
19700093702	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process, 1 July - 31 July 1970	1970
19700093703	Investigation and study of transient heat transfer Progress report, Jun. 1970	1970
19700093704	Study of hydrazine reactor vacuum start characteristics Quarterly progress report, 1 May 1970 - 31 Jul. 1970	1970
19700093710	ATS-F magnetometer experiment Quarterly report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700093718	Combat Waltz phase 6 /U/ Final report, 16 Aug. 1968 - 5 Nov. 1969	1970
19700093730	Continued dynamic roll tests on recovered reentry vehicle replicas with surface striations at Mach numbers 6, 8, and 10 /U/ Final report	1970
19700093736	Megawatt covert illumination systems study /U/ Final report	1970
19700093741	Activities of the NASA-sponsored SRI technology applications team in transferring aerospace technology to the public sector Monthly status report, 25 May - 30 Jun. 1970	1970
19700093742	ATS-F solar cosmic ray and trapped particle experiment Quarterly report, 1 Apr. - 1 Jul. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093743	Convolutional coding techniques for data protection Quarterly progress report, 16 May - 15 Aug. 1970	1970
19700093745	A light ion mass spectrometer experiment for OGO-E Quarterly report, 1 Mar. 1969 - 31 May 1970	1970
19700093746	Electron-proton spectrometer Quarterly report, 1 Feb. - 30 Apr. 1970	1970
19700093749	Cryogenic Filament-wound Tank Evaluation Monthly Progress Report, 1-28 Jun. 1970	1970
19700093750	RAE impedance probe Final report	1970
19700093751	Boundary cooled rocket engines for space storable propellants Monthly status report, Jul. 1970	1970
19700093755	Thermal skin fabrication technology program Monthly report, 2-31 Jul. 1970	1970
19700093760	Determination of the intensity of turbulence in a liquid rocket combustion chamber Semiannual status report, 1 Jan. - 30 Jun. 1970	1970
19700093761	An investigation of the origin, age, and composition of meteorites Progress report, 1 Jul. - 31 Dec. 1969	1970
19700093762	Space astronomy of the Steward Observatory Semiannual status report, 1 Oct. - 30 Jun. 1970	1970
19700093763	Space storable oxidizer Monthly report, Aug. 1970	1970
19700093764	Cycle testing of cryogenic expulsion bellows Monthly technical progress narrative, Aug. 1970	1970
19700093765	Cycle Testing of Graphite Filament-wound Pressure Vessels Quarterly Technical Progress Narrative, 26 Jun. - 25 Sep. 1970	1970
19700093766	Electroformed injector fabrication techniques Quarterly progress report, 1 Jun. - 31 Aug. 1970	1970
19700093767	Correlation of dropsize distribution and injector variables Monthly progress report, period ending 15 Sep. 1970	1970
19700093768	Effect of baffles on combustion instability Monthly progress report, Aug. 1970	1970
19700093769	Non-heat treated interlocking TEE Final report	1970
19700093771	Comments on perturbed Hamiltonian systems	1970
19700093778	Space storable regenerative cooling investigation Monthly progress report, 1-31 Aug. 1970	1970
19700093779	Metallic positive expulsion bellows for cryogenic propellants Quarterly progress report, period ending 28 Aug. 1970	1970
19700093780	Space rescue operations study Monthly progress report, period ending 31 Aug. 1970	1970
19700093781	Fluorine lubricated bearing technology Monthly report, Aug. 1970	1970
19700093782	Space storable oxidizer valve Monthly report, 1 Aug. - 1 Aug. 1970	1970
19700093783	Investigation of refractory composites for liquid rocket engines Monthly letter report, 1-31 Aug. 1970	1970
19700093794	Field-store standards conversion - Amplifiers for ultrasonic quartz delay lines	1970
19700093798	Study of the formation and behavior of clogging material in propellants Monthly progress report, 13 Aug. - 13 Sep. 1970	1970
19700093799	Ignition system for space shuttle auxiliary propulsion system Monthly technical progress report, 27 Jul. - 30 Aug. 1970	1970
19700093806	Apollo CSM high gain antenna final assembly, volume 2	1970
19700093815	Research in electrohydrodynamics Semiannual report, 31 Jan. - 31 Jul. 1970	1970
19700093816	Electron-proton spectrometer Quarterly report, 1 May - 31 Jul. 1970	1970
19700093818	Theoretical research on plasma turbulence involving binary particle collisions and effects Quarterly progress report, 12 Jun. - 15 Sep. 1970	1970
19700093819	Development of advanced techniques for fabricating regeneratively cooled thrust chambers by the explosive welding process Technical report, 1 - 31 Aug. 1970	1970
19700093820	Reduction of Saturn 5 wind tunnel test data Annual report, 15 Jun. 1969 - 15 Jun. 1970	1970
19700093821	The analysis and evaluation of economic benefits of NASA activities Quarterly progress report, 7 Apr. - 7 Jul. 1970	1970
19700093822	Properties of cryogenically worked materials Monthly progress report, 29 Jun. - 26 Jul. 1970	1970
19700093827	Individual Acceptance Test, Test Report on a Cryogenic Connector	1970
19700093828	Subcritical flaw growth in metal tanks Monthly progress report, 1 - 31 Aug. 1970	1970
19700093832	Individual Acceptance Test, Test Report on a Cryogenic Connector	1970
19700093833	Individual acceptance test, test report on a cryogenic connector	1970
19700093844	Effect of environment on insulation materials Monthly technical progress report, 15 Jun. - 31 Jul. 1970	1970
19700093846	Primary cosmic ray electrons Final report	1970
19700093847	Property determination of sprayed coatings Monthly technical progress report	1970
19700093848	Breathing/metabolic simulator Quarterly progress report, 27 Apr. - 27 Aug. 1970	1970
19700093849	Space storable explosively actuated valves, Pyronetics model 1356 Monthly progress report, 2 - 29 Aug. 1970	1970
19700093850	Thermal skin fabrication technology program Monthly report, Aug. 1970	1970
19700093851	Effect of environment on insulation materials Monthly technical progress report, Aug. 1970	1970
19700093852	Compilation and analysis of thermal radiative properties data Quarterly progress report, 1 Jun. - 31 Aug. 1970	1970
19700093853	Analysis of molecular gas lasers in flow systems Progress report, 1 Mar. - 31 Aug. 1970	1970
19700093854	Research on spacecraft electrical power conversion Status report, period ending 31 Jul. 1970	1970
19700093855	Theoretical and experimental investigations of collective microwave phenomena in solids Semiannual status report, 1 Jan. - 31 Mar. 1970	1970
19700093856	Investigation of optical/infrared sensor techniques for application satellites Quarterly report	1970
19700093864	Study of advanced techniques for determining the long term reliability of components Monthly progress report, 14 Aug. - 14 Sep. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700093865	Turbulent boundary layer with vanishing or small skin friction Interim technical report	1970
19700093866	The effect of aging on some catalytic activities of thermally prepared poly-alpha-amino acids	1970
19700093867	Performance evaluation capabilities for the design of physical systems Quarterly progress report, 1 Jun. - 1 Sep. 1970	1970
19700093868	Quarterly status report, 1 April - 30 June 1970	1970
19700093872	Progress report, 1 June - 31 August 1970	1970
19700093874	Atlas/Centaur/Pioneer F mission peculiar design criteria and requirements document	1970
19700093875	Annual report	1970
19700093880	Fundamental ignition study for material fire safety improvements Monthly status report	1970
19700093886	Hydrogen tank pressurizing gas injector Technical progress report, 1 - 31 Aug. 1970	1970
19700093889	Semiannual status reports, 1 February - 31 July 1969 and 1 August 1969 - 31 January 1970	1970
19700093890	Development of a campus based information system with initial emphasis on chemistry Quarterly report	1970
19700093891	High altitude radiation measurements Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19700093893	Investigations into the mechanism and rates of atmospheric mixing in the lower thermosphere semiannual status report	1970
19700093966	Individual acceptance test, test report - Connector, cryogenic	1970
19700093967	Individual acceptance test, test report - Connector, cryogenic	1970
19700093968	Individual acceptance test, test report - Connector, cryogenic	1970
19700093971	An evaluation of Nimbus telemetry and commands. Part 2 - HRIR, PCM, APT, AVCS, thermal	1970
19700093987	Investigation of advanced thrust chamber designs Monthly progress report	1970
19700093988	Physical Support Studies for an Optical Radar Program	1970
19700094003	Laboratory for atmospheric and space physics Semiannual report, 1 Jan. - 30 Jun. 1970	1970
19700094020	Effects of plant growth hormones on plant development in the absence of gravitational effects Semiannual report, 1 Mar. - 31 Aug. 1970	1970
19700094021	Semiannual report, 1 January - 30 June 1970	1970
19700094036	NIMBUS command clocks and command ground stations Final engineering report	1970
19700094043	Satellite infrared spectrometer - SIRS A /Nimbus B/ Progress report, 1-31 Aug. 1968	1970
19700094073	Space vehicle integrated thermal protection/structural/meteoroid protection system Monthly progress report, 15 Aug. - 15 Sep. 1970	1970
19700094074	Space storable explosively actuated valves Pyronetics model 1356 Monthly progress report, 2-29 Aug. 1970	1970
19700094075	Air borne aerosol measurements associated with clear air turbulence Progress report	1970
19700094095	Light-induced processes occurring in laser materials Quarterly report, 29 Aug. 1969 - 28 Aug. 1970	1970
19700094096	Light-induced processes occurring in laser materials	1970
19700094097	Nearest-neighbor model for transfer of electronic excitation energy	1970
19700094098	Methylene proton non-equivalence in carboethoxy groups due to long-range asymmetry effects in a spirocyclopropane	1970
19700094099	Cage formation subsequent to intramolecular triplet-energy transfer	1970
19700094100	Interaction of nonconjugated chromophores in rigid model compounds	1970
19700094126	Analog/hybrid computer study Semiannual progress report, 15 Mar. - 15 Sep. 1970	1970
19700094153	Experimental and theoretical investigation of plasma radiation Semiannual status report, Mar. - Aug. 1970	1970
19700094154	Cardiovascular adaptation during long-term weightlessness Semi-annual progress report, 1 May - 15 Sep. 1970	1970
19700094155	Gamma production cross section - in light nuclei by slow and medium fast neutrons Interim report	1970
19700094162	The analysis of iron in high velocity projectiles impacted into polyethylene Quarterly progress report, 1 Jan. - 30 Mar. 1970	1970
19700094163	RTG radiation cleanliness study - Phase 4, task 1 of RTG/science instrument radiation interactions for deep space probes	1970
19700094172	Solar research programs and instrumental developments Quarterly progress report, 1 May - 31 Jul. 1970	1970
19700094175	Design and Construction of a Wide Angle Diffuse Source	1970
19700094176	A study of fluidic whistles as temperature sensors Final report	1970
19700094194	SAM-D air defense missile system - Review of data processing system performance requirements /U/ Final report	1970
19700094217	Improved terrain following radar for RF-4C /U/ Final report, 22 Apr. - 18 Aug. 1969	1970
19700094257	The evolution of photoemissive night vision technology during the 1960 decade /U/	1970
19700094258	Development of the Siren capsule 1A /U/ Final report, Sep. 1969 - Jan. 1970	1970
19700094260	Venting helium form encapsulated alpha- emitting radioisotope heat sources /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1969	1970
19700094309	Study of bipropellant shutoff valves Monthly report, 1 Aug. - 1 Sep. 1970	1970
19700094313	Laboratory studies of electron collision frequency Quarterly progress report, 1 Feb. - 31 Jul. 1970	1970
19700094314	Calibration of strain gage measurements using PC24SG signal conditioners and associated power supplies	1970
19700094316	A program to investigate, characterize and describe meteorites in the collections of Arizona State University Semiannual status report, 1 Mar. - 31 Aug. 1970	1970
19700094323	Quarterly report	1970
19700094324	Quarterly status report, 1 November 1969 - 30 January 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094325	A program of X-ray astronomy using focusing optics Annual report, 7 May 1969 - 15 Jun. 1970	1970
19700094327	Semiannual report, 1 April - 30 September 1970	1970
19700094342	Titan 3 Technical Briefing	1970
19700094420	Transpiration and film cooling computer program Monthly status letter, Sep. 1970	1970
19700094428	Satellite Infrared Spectrometer /SIRS 3/ Progress report, 1-31 May 1965	1970
19700094436	Mission control center Progress report, 1-31 May 1970	1970
19700094440	Mission control center Progress report, 1-28 Feb. 1970	1970
19700094449	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-30 Sep. 1970	1970
19700094450	Relating to mass spectrometry and inhomogeneous ion optics Progress report, 1 Oct. 1969 - 31 Mar. 1970	1970
19700094463	Thrust chambers for space storables Monthly progress report, 1-30 Sep. 1970	1970
19700094464	Space cell test program Monthly progress report, Sep. 1970	1970
19700094467	Study of the carbon dioxide spectrum of Mars and Venus Semiannual status report 1 Feb. - 31 Jul. 1970	1970
19700094471	Quarterly progress report, 1 Apr. - 1 Oct. 1970	1970
19700094473	Five-channel scanning radiometer Quarterly report, 15 Apr. - 15 Jul. 1964	1970
19700094477	Glass-fiber tubing for cryogenic fluids Monthly progress report, 31 Aug. 1970 - 27 Sep. 1970	1970
19700094484	Lunar surface holography experiment - Instrument feasibility demonstration Monthly progress report, 1 Sep. - 30 Sep. 1970	1970
19700094485	Reactive stream separation photography Quarterly progress report, period ending 30 Sep. 1970	1970
19700094486	Investigation of discharge pressure oscillations in high pressure pumps Monthly progress report, 28 Aug. - 27 Sep. 1970	1970
19700094488	Solid state studies in ceramic alloys Quarterly progress report, 1 Jun. - 31 Aug. 1970	1970
19700094490	Design study of H2-O2 fuel cell power system for mobil lab /ALSS/, volume 1	1970
19700094492	Manned space flight network study program Quarterly progress report, Oct. - Dec. 1969	1970
19700094493	Study of Applications of Bio-space Technology to Patient Monitoring Systems Progress Report	1970
19700094494	Study of applications of bio-space technology to patient monitoring systems Progress report	1970
19700094498	Investigation of extendable nozzle concepts, phase 2 Monthly progress letter, 1 Sep. - 30 Sep. 1970	1970
19700094501	Mission control center Progress report, 1-31 Jan. 1970	1970
19700094504	Stress corrosion of metal tank materials Monthly progress report, 1-30 Sep. 1970	1970
19700094505	Stress corrosion cracking of titanium alloys Semiannual report, 1 Jul. - 31 Dec. 1969	1970
19700094506	Mission control center Progress report, 1-31 Jul. 1970	1970
19700094507	Properties of cryogenically worked materials Monthly progress report, 31 Aug. - 27 Sep. 1970	1970
19700094510	Radiation effects on liquid propellants and components Quarterly report, 1 Jul. - 1 Oct. 1970	1970
19700094511	Cryogenic filament-wound tank evaluation Monthly progress report, 27 Jul. - 30 Aug. 1970	1970
19700094515	Hydrogen-oxygen APS engines Monthly technical progress narrative	1970
19700094522	Optical measurements of high altitude barium releases for Project Secede 1 Final report	1970
19700094524	Feed system instabilities Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19700094526	Far ultraviolet solar spectrometer for the Apollo Telescope Mount ATM monthly progress report, 1 Aug. - 31 Aug. 1970	1970
19700094529	Metal tank fracture and design criteria Monthly progress report, 5 Aug. - 31 Aug. 1970	1970
19700094530	Mission control center Progress report, 1-30 Apr. 1970	1970
19700094540	Investigations and analysis of flow phenomena in axial flow inducers. Part 1 - Performance of three-bladed inducer. Part 2 - On turbulent boundary layer in a rotating helical channel Semiannual progress report	1970
19700094541	Physiology of chimpanzees in orbit Progress report, Mar. - Jun. 1970	1970
19700094543	Manned space flight network study program, Jan. - Mar. 1970	1970
19700094544	Titanium pump impeller testing Monthly progress report, Sep. 1970	1970
19700094556	Relating to new materials and devices produced by ion implantation Progress report, 1 Oct. 1969 - 31 Mar. 1970	1970
19700094557	Simultaneous measurement of atmospheric dust by laser and balloon sounding techniques Progress report	1970
19700094558	The structure and circulation of the lower Martian atmosphere Semiannual status report, 1 Feb. - 31 Jul. 1970	1970
19700094572	Thermal Skin fabrication technology program Monthly report, 1 Sep. - 30 Sep. 1970	1970
19700094573	Space storable thruster investigation Monthly progress report, 25 Aug. - 25 Sep. 1970	1970
19700094574	Regeneratively cooled rocket engine for space storable propellants Monthly status report, period ending 1 Oct. 1970	1970
19700094577	Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19700094578	The theory of Cosmvision, the conquest of the moon and the place of man in the space age	1970
19700094583	Design and development of diborane shipping container Monthly status letter, 7 Sep. - 6 Oct. 1970	1970
19700094586	The attenuation of radiant energy in hot seeded hydrogen at high pressure - An experimental study related to the gaseous core nuclear rocket Final status report, 1 Sep. 1969 - 31 Aug. 1970	1970
19700094590	Project development plan - Orbiting Astronomical Observatories /OAO/	1970
19700094591	Apollo launch data systems operational format program for AS-504/505	1970
19700094592	Effect of environment on insulation materials Monthly technical progress report, 1 Sep. - 30 Sep. 1970	1970
19700094593	Quarterly progress report, 15 June - 28 September 1970	1970
19700094595	Mathematical model of meteorological thermometers in the mesosphere Progress report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094596	Theoretical and Experimental Studies in Ultraviolet Solar Physics Semiannual Status Report, 1 Feb. - 31 Jul. 1970	1970
19700094598	Space Storable Oxidizer Valve Monthly Report, Sep. 1970	1970
19700094599	Fundamental ignition study for material fire safety improvements Monthly status report	1970
19700094602	Mission control center Progress report, 1 Apr. - 30 Jun. 1970	1970
19700094605	An approximate analysis of the non-linear lateral motion of a slender aircraft /HP 115/ at low speeds	1970
19700094652	Techniques for ruling improved large diffraction gratings Semiannual report, 1 Mar. - 1 Sep. 1970	1970
19700094654	Study of bipropellant shutoff valves Monthly report, 1 Sep. - 1 Oct. 1970	1970
19700094655	Project development plan orbiting solar observatories /OSO-A thru-H/ Resources change SS and A POP 70-1 R and PM POP 70-1	1970
19700094670	A search for N-type galaxies Semiannual status report, 1 Apr. - 30 Sep. 1970	1970
19700094671	Surface properties of thermionic electrodes Quarterly status report, 1 May - 31 Jul. 1970	1970
19700094672	Electroformed injector fabrication techniques Monthly progress report, 1-30 Sep. 1970	1970
19700094675	Semiannual Progress Report, 1 September 1962 - 1 March 1970	1970
19700094677	Southwest Research Institute assistance to NASA in biomedical areas of the Technology Utilization program Monthly report, 1-25 Sep. 1970	1970
19700094757	Study of the formation and behavior of clogging material in propellants Quarterly progress report	1970
19700094758	Biochemistry of the O2 evolution process Quarterly status report, 6 Jul. - 6 Oct. 1970	1970
19700094759	Effects of baffles on combustion instability Monthly progress report	1970
19700094762	Cycle testing of cryogenic expulsion bellows Monthly technical progress report	1970
19700094765	Heat pipe technology for advanced rocket thrust chambers Informal monthly status letter	1970
19700094766	Correlation of drop size distribution and injector variables Monthly progress report	1970
19700094782	Design tasks concerning radio frequency shielding of the SIRS system	1970
19700094802	Temperature regulation in man during continuous and intermittent work in upright and supine positions	1970
19700094803	Translations on French nuclear, missile, space, and related military developments no. 248	1970
19700094819	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report, Jul. 1966	1970
19700094820	The influence of temperature on fatigue-crack growth Quarterly status report, 1 Jul. - 30 Sep. 1970	1970
19700094823	Metallic Positive Expulsion Bellows for Cryogenic Propellants Monthly Progress Report, Period Ending 2 Oct. 1970	1970
19700094829	Mass Transfer in Hypersonic Flows Semiannual Progress Report, 1 Mar. - Aug. 1970	1970
19700094831	Suppression of combustion oscillations with mechanical damping devices Quarterly progress report	1970
19700094832	On the postbuckling behavior of imperfection-sensitive structures in the plastic range	1970
19700094833	Malfunction reports - Open as of 15 April 1968	1970
19700094834	The SIRS capacitor story	1970
19700094835	Failure reports - Referenced in Scull memo	1970
19700094836	The 2N768 Story	1970
19700094849	Interrogation, Recording and Location Subsystem /IRLS/	1970
19700094853	Application of quasi-linearization techniques to the analysis of aerodynamic-noise fields Quarterly progress report, 1 May - 31 Jul. 1970	1970
19700094866	Design and development of a prototype static cryogenic heat transfer system Quarterly report, 1 May - 31 Jul. 1970	1970
19700094867	Space rescue operations study Monthly progress report, period ending 30 Sep. 1970	1970
19700094868	Fluorine lubricated bearing technology Monthly report, Sep. 1970	1970
19700094878	Hard X-ray experiment specimen observing plan for Astronomical Netherlands Satellite /ANS/ program	1970
19700094880	Property determination of sprayed coatings Monthly technical progress report	1970
19700094881	OSO-G, OSO-H tape recorder/reproducer program Final report, 25 Mar. 1968 - 31 Aug. 1970	1970
19700094882	Determination of the fraction of hypervelocity particles retained on impact with polyethylene catchers and sodium contamination levels in ultra pure silicon Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19700094883	Interrogation, Recording and Location Subsystem /IRLS/ Monthly report, Sep. 1965	1970
19700094911	Mechanisms of fatigue in filament-reinforced metals Technical report, 1 Apr. 1969 - 31 Mar. 1970	1970
19700094913	Investigation of multivariate techniques for biomedical analysis Final technical report	1970
19700094914	Cost-effectiveness analysis of solid state VOR transmitting equipment	1970
19700094919	A research program in plasma physics Quarterly progress report, period ending 10 Sep. 1970	1970
19700094920	Development of a space thermionic reactor power plant /U/ Periodic progress report, 1 Nov. 1969 - 28 Feb. 1970	1970
19700094922	SNAP reactor programs /U/ Progress report, Feb. - Apr. 1970	1970
19700094924	LASL Rover program /U/ Quarterly status report, period ending 31 May 1970	1970
19700094925	Fueled-graphite studies /U/ Quarterly progress report, Apr. - Jun. 1970	1970
19700094942	Astronomical Netherlands Satellite /ANS/ program	1970
19700094943	Solar X-ray astronomy - Polarization study of solar X-ray flares Status report	1970
19700094945	Dielectric properties of battery electrolytes Progress report, 1 Jul. - 30 Sep. 1970	1970
19700094947	Real time computer complex Monthly progress report	1970
19700094948	Real time computer complex Monthly progress report, 1-31 Jul. 1970	1970
19700094949	Quarterly status report	1970
19700094950	Summary of biosatellite technologies	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700094959	Real time computer complex Monthly progress report no. 88	1970
19700094960	Real time computer complex Monthly progress report no. 86	1970
19700094964	Development of techniques and associated instrumentation for high temperature emissivity measurements, volume 1 Quarterly progress report, 29 Jun. - 30 Sep. 1970	1970
19700094970	Real time computer complex Monthly progress report no. 89	1970
19700094972	Fundamental studies of the metallurgical, electrical, and optical properties of gallium phosphide and gallium phosphide alloys Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19700094976	Mechanism of the photovoltaic effect in II-VI compounds Progress report, 1 Jul. - 30 Sep. 1970	1970
19700094977	Dynamics of the solar wind and its interaction with bodies in the solar system Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19700094978	Space related technical investigations Final progress report, 1 Mar. - 30 Sep. 1970	1970
19700094979	Quarterly progress report, 1 July - 30 September 1970	1970
19700094980	Analyses of NASA/DOD space applications and transportation system requirements/effectivity study Monthly progress report, Sep. 1970	1970
19700094981	Hydrogen-oxygen catalytic ignition and thruster investigation Quarterly progress report, 25 Jun. - 25 Sep. 1970	1970
19700094982	Modern astronomical instrument development Semiannual status report, 1 Apr. - 30 Sep. 1970	1970
19700094985	Evaluation of insulation materials and components for use in a nuclear radiation environment. Redesign of propellant heating experiment and radiation analysis of Saturn 5 materials, systems, and components Quarterly progress report, 21 May - 31 Aug. 1970	1970
19700094986	Methanol-water pump package for ATM P/N 580745-2 Monthly progress report	1970
19700094987	UHF PCM/FM radio receiver and UHF PC/FM radio transmitter. Volume 2 - GA and CS instruction manual	1970
19700094997	Recent improvements in lead selenide detector technology /U/	1970
19700094998	Recent advances in indium antimonide detector technology /U/	1970
19700094999	Infrared heterodyne detection in photovoltaic HgCdTe /U/	1970
19700095000	Performance versus background for ITO PbSe detectors /U/	1970
19700095001	Extrinsic detector-cryogenic preamplifier performance /U/	1970
19700095002	A monolithic amplifier for operation in a cryogenic environment /U/	1970
19700095007	Considerations involved in selection of infrared sensors for the photoconductive- photoemissive direct view tube /U/	1970
19700095008	Transmission of Cs2O-GaInAs photocathodes /U/	1970
19700095011	Performance of HgGe and Hg _{1-x} Cd _x Te photoconductive detectors at 10.6 microns with RF biasing	1970
19700095012	Characteristics of the semitransparent GaP/GaAs-Cs2O photocathode /U/	1970
19700095014	Imagery from portable thermal imaging instruments /U/	1970
19700095015	Overall performance of photoelectronic imaging systems /U/	1970
19700095016	A mathematical model for estimating the performance of imaging infrared systems /U/	1970
19700095019	XM619 anti-tank mine fuze /U/	1970
19700095021	Evolution and operational results of FLIR /U/	1970
19700095022	Modified advanced FLIR development /U/	1970
19700095023	Lightweight FLIR system for airborne applications /U/	1970
19700095028	Test of the airborne groundfire locator /U/	1970
19700095029	Navy target designator system optics /U/	1970
19700095060	Sulfides in Apollo 12 samples Informal semiannual status report	1970
19700095063	Hydrogen tank pressurizing gas injector Technical progress narrative, 1-30 Sep. 1970	1970
19700095064	Investigation of advanced thrust chamber designs Monthly progress report, Oct. 1970	1970
19700095067	Thrust chambers for space storables Monthly progress report, 1-30 Sep. 1970	1970
19700095068	Finite element shell instability analysis Progress report, 1 Jul. - 30 Sep. 1970	1970
19700095074	Semiannual status report	1970
19700095077	An investigation of the properties of new semiconducting alloys and their application to luminescent devices Semiannual status report	1970
19700095078	UHF PCM/FM radio receiver and UHF PCM/FM radio transmitter Volume 2 - IRLS platform instruction manual	1970
19700095080	Space Storable Regenerative Cooling Investigation Monthly Progress Report, 1-30 Sep. 1970	1970
19700095081	A study to assess the nature and magnitude of economic benefits of advances in meteorology Quarterly report	1970
19700095082	OSO tape recorder study Final report, 20 May 1968 - 31 Aug. 1970	1970
19700095087	Space station study of resupply/repair of monopropellant subsystems Quarterly report, Jul. - Aug. 1970	1970
19700095090	Research in advanced formal theorem-proving techniques Quarterly progress report, 1 Jul. - 1 Sep. 1970	1970
19700095093	Quarterly reports, 1 May - 31 October 1970	1970
19700095094	Millimeter-wavelengths propagation studies Semiannual status report	1970
19700095095	Development of beryllium honeycomb sandwich composite for structural and other related applications Quarterly progress report, 1 Mar. - 20 Sep. 1970	1970
19700095098	Quarterly status report, Jul. - Sep. 1970	1970
19700095105	Application of radioactive tracer techniques to flow decay problems Quarterly report	1970
19700095106	Cryogenic filament-wound tank evaluation Progress report, 23 Aug. - 22 Oct. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095107	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Aug. - 10 Sep. 1970	1970
19700095108	Cast segment evaluation Monthly status report, 18 Sep. - 17 Oct. 1970	1970
19700095110	Cast segment evaluation Quarterly technical progress report, 18 Jun. - 17 Sep. 1970	1970
19700095112	A study of advanced techniques for determining the long term reliability of components Monthly progress report, 14 Sep. - 14 Oct. 1970	1970
19700095114	Rubidium gas cells studies Semiannual status report, 1 Apr. - 30 Sep. 1970	1970
19700095115	Boundary cooled rocket engines for space storable propellants Quarterly report, period ending 1 Oct. 1970	1970
19700095118	Nimbus programming system - Modified on-line data module 29-point status of A-stored data	1970
19700095124	Space shuttle propulsion systems on-board checkout and monitoring system development study /line item no. 2, issue 1/ Quarterly progress report, Jul. - Sep. 1970	1970
19700095127	Generalizations of Lagrange's expansion combined with Lighthill's technique for uniformizing solutions of partial differential equations	1970
19700095128	Buckling under external pressure of cylindrical shells with dimple shaped initial imperfections	1970
19700095130	Atmospheric model development for earth orbital missions Final report	1970
19700095131	Study to determine and improve design for lithium-doped solar cells Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19700095133	Investigation of cryogenic rupture disc design Monthly progress report, 30 Sep. - 25 Oct. 1970	1970
19700095142	Progress report	1970
19700095143	The national aviation system plan. Eastern region ten year plan, 1971 - 1980	1970
19700095144	Preliminary results of low subsonic dynamic stability tests of three blunted 55 degree half-angle cone configurations with various afterbodies	1970
19700095145	Qualification of Aerovox capacitor, fixed, ceramic	1970
19700095166	Collection of beryllium oxide from solid rocket motor exhausts	1970
19700095176	Boron arsenide and boron phosphide for high temperature and luminescent devices Quarterly status report, 1 Jul. - 30 Sep. 1970	1970
19700095178	Physicochemical food system studies Quarterly report	1970
19700095179	Continued photographic patrol and study of the physical conditions of the moon and planets Semiannual report, 15 Apr. - 14 Oct. 1970	1970
19700095183	Cycle testing of boron filament-wound tanks Monthly progress report, 11 Sep. - 10 Oct. 1970	1970
19700095184	Supersonic jet exhaust noise Bimonthly progress report	1970
19700095187	Infrared filter wedge spectrometer for Nimbus D Final report	1970
19700095195	The analysis and evaluation of economic benefits of NASA activities Quarterly progress report, 7 Jul. - 7 Oct. 1970	1970
19700095197	Very high resolution image dissector camera for ATS F and G feasibility study Final report	1970
19700095198	Development and construction of electronic photofacsimile recorders Final report	1970
19700095199	Properties of multilayer filters Interim report, 1 Mar. - 31 Aug. 1970	1970
19700095201	Transducer development Quarterly report 1 Jun. - 31 Aug. 1970	1970
19700095209	Fluid dynamic and heat transfer problems of modern air breathing propulsive system Quarterly status report, 1 Jul. - 30 Sep. 1970	1970
19700095216	Planning research in the area of launch vehicle and propulsion programs Progress report, 1-30 Sep. 1970	1970
19700095217	Suppression of combustion oscillations with mechanical damping devices Monthly status report, 1 - 31 Oct. 1970	1970
19700095218	The structure and circulation of the lower Martian troposphere Semiannual status report, 1 Feb. - 31 Jul. 1970	1970
19700095221	Investigation of the D and E regions of the ionosphere Monthly progress reports, 1 Feb. - 30 Sep. 1970	1970
19700095222	Reduction and analysis of magnetometer data from Mariners 4 and 5 Status report, 1 Apr. - 30 Sep. 1970	1970
19700095224	Structure of solar magnetic and velocity fields Semiannual progress report, 1 Oct. 1969 - 1 Oct. 1970	1970
19700095225	Investigation of the ignition and burning of materials in space cabin atmospheres Quarterly progress report, 1 Jul. - 1 Oct. 1970	1970
19700095226	Analysis of stiffness and damping in filamentary-composite-material plates Semiannual status report	1970
19700095227	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation Quarterly status report, 1 Aug. - 31 Oct. 1970	1970
19700095228	Space storable explosively actuated valves, Pyronetics model 1356 Monthly progress report, 30 Aug. - 3 Oct. 1970	1970
19700095240	Dynamics of mechanical systems coupled to energy sources Semiannual progress report, 1 Apr. - 30 Sep. 1970	1970
19700095241	Properties of the solar granulation at distances from the sun's center	1970
19700095250	C-5A category 1 test results - Static component test report, wing tests, ultimate static test for boron composite leading edge slat	1970
19700095251	Nuclear structure of SC45 from an investigation of the CA44 /P,gamma SC45 reaction./	1970
19700095252	A study of finite moliere scattering	1970
19700095259	Qualification of Sprague electric capacitor, fixed, film, metalized	1970
19700095260	Evaluation of ADC products, P/N 3-18340 power transformer	1970
19700095261	Qualification report for microelectronic device by General Dynamics drawing 423-800178	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095262	Qualification of Aerovox capacitor, fixed, ceramic	1970
19700095263	Qualification report for resistor, sub- assembly by General Dynamics drawing 423-800287-2	1970
19700095264	Thermal gradients in the southern Sargasso Sea	1970
19700095277	Synthesis, physiochemical and biological measurements of a series of indole compounds Final report	1970
19700095278	Glass-fiber tubing for cryogenic fluids Monthly progress report, 28 Sep. - 1 Nov. 1970	1970
19700095279	Payload effects analysis study Monthly progress report	1970
19700095280	Vibration population distribution in expanding flows Quarterly progress report, 1 Aug. - 31 Oct. 1970	1970
19700095281	Manufacturing methods for rolling very high strength superalloy sheet Interim technical engineering report, 1 May - 1 Aug. 1970	1970
19700095283	Qualification report for microelectronic device per BuWeps drawing 2808574	1970
19700095284	Minuteman 3 stage 3 forward dome/cable vibration test /test block 1.2.14 of appendix 7 to G.T.P./ Final test report	1970
19700095285	Qualification report for switch, rotary per AMICOM drawing 10662202	1970
19700095286	Qualification report for transistor per AMICOM drawing 10210462	1970
19700095289	On the interaction of RF fields with mechanical properties of metals	1970
19700095290	The use of an unconventional heat treatment for mechanical properties stabilization of the Al-Si-Mg alloy at temperatures up to 150 C	1970
19700095292	Metallic positive expulsion bellows for cryogenic propellants Monthly progress report, 30 Oct. 1970	1970
19700095294	Effect of environment on insulation materials Monthly technical progress report, 1-31 Oct. 1970	1970
19700095295	Boundary cooled rocket engines for space storable propellants Monthly status report, period ending 1 Nov. 1970	1970
19700095296	Heat pipe technology for advanced rocket thrust chambers Informal monthly status letter, Oct. 1970	1970
19700095297	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-31 Oct. 1970	1970
19700095298	Study of hydrazine reactor vacuum start characteristics Quarterly progress report, 1 Aug. - 31 Oct. 1970	1970
19700095300	Hydrogen-oxygen catalytic ignition and thruster investigation Monthly progress report, 26 Sep. - 23 Oct. 1970	1970
19700095305	Symmetries in the classical three-body problem	1970
19700095306	Orbit monitoring system for a 70-GeV proton synchrotron	1970
19700095307	Automatic precise field measurements in magnets of the IHEP accelerator	1970
19700095308	Ultrasonic automatic testing of austenitic stainless steel welds	1970
19700095310	Further remarks on the high-energy behaviour of resonance poles in the complex plane	1970
19700095311	On the T noninvariant two-component equation for neutrino	1970
19700095312	Plutonium fuel program Annual report, 1969	1970
19700095313	X-ray analysis - Elemental trace analysis at the 10 to the 12th power g level	1970
19700095314	Densification mechanisms under irradiation of UO ₂ -PU ₂ O ₂ mixed oxide - Effects on fission gas production	1970
19700095315	Anisotropic electromigration - The nearly free electron model	1970
19700095317	Determination of gallium in gallium-plutonium alloys. 1 - Determinations within the concentration range 1 to 10 percent of gallium by EDTA-titration	1970
19700095318	Determination of the first hydrolysis constant for trivalent elements of the series 4f and 5f	1970
19700095319	Cryogenic filament-wound tank evaluation Monthly progress report, 28 Sep. - 25 Oct. 1970	1970
19700095320	Work on the incoherent scattering polarimeter and designing a Bragg crystal polarimeter Semiannual status reports, 1 Jul. 1969 - 30 Jun. 1970	1970
19700095321	Theoretical investigation of the constitution of the moon and planets Semiannual report, 1 Jan. - 30 Jun. 1970	1970
19700095323	Measurements of the viscosity of some gaseous fluorine compounds	1970
19700095324	Fast dc-coupled 4-fold fanout circuit	1970
19700095344	Some chemical and analytical problems connected with technetium-99m generators	1970
19700095346	Flame arrestor materials for fuel tank explosion protection Technical report, 1 Jan. - 31 Dec. 1969	1970
19700095347	Study of phi meson by e ⁺ /e ⁻ / annihilation into charged K mesons and tests of vector dominance models	1970
19700095349	Search for very far transuranium elements in iron-manganese modules	1970
19700095350	Structural analysis of cermets	1970
19700095372	Preliminary design and analysis of the thermionic reactor experiment core /U/	1970
19700095375	Dart extended life test /U/ Final report	1970
19700095378	Microchannel plate array fabrication and development /U/ Quarterly interim technical report	1970
19700095382	Numerical methods for determining and predicting space vehicle trajectories Final report	1970
19700095383	Fast analog to digital converter	1970
19700095385	Modified WKB method, part 1	1970
19700095387	Qualification report for microelectronic device per NAVAIR drawing 2808574	1970
19700095388	Design and test of a fluidic steering and diving control system	1970
19700095389	Qualification report for transformer radio frequency per BuWeps drawing 2859487	1970
19700095390	Determination of arc plasma electron densities from the refraction of a laser beam	1970
19700095391	Investigation of the nuclear structure of Sc 44 using the proton capture reaction	1970
19700095392	Short pulse theory and verification program Final technical report	1970
19700095393	Ionospheric data report, April 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095394	Energy dissipated in the carbon dioxide of graphite reactors	1970
19700095395	Qualification report for microelectronic devices per NAVAIR drawing 2808572	1970
19700095401	Operational test and evaluation of the C-141 capsul light/reduced interval formation Final report	1970
19700095404	Qualification report for transistor n-p-n per NAVAIR drawing 2576693-3	1970
19700095405	Five channel multiplexer with integrated control network Final report, 23 Jul. 1969 - 23 Mar. 1970	1970
19700095406	CW YAG laser Final technical report, 18 Mar. 1969 - 17 Mar. 1970	1970
19700095407	Effective tooling designs for production of precision forgings Interim engineering progress report	1970
19700095408	Millimeter radome design techniques Final report, 1 Feb. 1968 - 31 Jan. 1970	1970
19700095410	Spectrum utilization characteristics of FM telemetry transmitter Microcom model T-40-S National range technical report	1970
19700095411	Qualification test on filter, electrical, radio frequency low pass	1970
19700095413	Foxboro Company turbine flowmeters, experimental evaluation and analysis Final report	1970
19700095417	Initiation of boiling in superheated liquid sodium	1970
19700095420	Study of the detail content of Apollo high resolution photography Progress report, 6 Jun. - 31 Oct. 1970	1970
19700095422	Escape from spacecraft Final report, Sep. 1965 - Mar. 1970	1970
19700095424	Source qualification for JAN2N2945A	1970
19700095425	Source qualification for JAN2N2907A	1970
19700095427	Tungsten reinforced oxidation resistant columbium alloys	1970
19700095428	Source qualification for JAN2N2907A	1970
19700095434	Trichloroethane /methyl chloroform/ inhibited, specification for	1970
19700095437	Qualification report for microelectronic device per BuWeps drawing 2808572	1970
19700095438	Calculation of absolute transition probabilities in the spectra of the heavy rare gases	1970
19700095439	Stress propagation in 3D materials and other complex geometries Final report	1970
19700095440	Alantic Film Industries, Inc. Film Destruction and Silver Recovery Unit Final report	1970
19700095441	A comparison of millimeter and laser space-to- space communication links, January- April 1970	1970
19700095442	Electrolytic deposit of a lead layer from a lead tetrafluoroborate bath for superconducting cavity resonators	1970
19700095443	A new mathematical model for a computer program for the solution of Laplace's equation	1970
19700095444	Program STRETCH /Space Technology Requirements and Engineering Tests of Component Hardware/. Volume 2 - Flight system development test study. Part 4 - PEPSY reliability program requirements Final report, 1 Mar. - 30 Jun. 1970	1970
19700095445	The final state interaction in the reaction p+d yields p+p+n	1970
19700095446	Some research centers for plasma physics and solid state physics in the Netherlands and Belgium. Part 2 - Belgium	1970
19700095447	Hydraulic circuit breaker for aircraft hydraulic systems, part 1 Final report, 15 Mar. 1969 - 30 May 1970	1970
19700095448	Multi-sensor operator training. Phase 1 - Analysis of operator tasks and target recognition skills Technical report, Jul. - Dec. 1969	1970
19700095449	Failure analysis laboratory report on multilayer printed circuit board	1970
19700095452	Qualification report for connector, plug per General Dynamics drawing 423-800301	1970
19700095453	A laser probe for microwave acoustic surface wave investigations	1970
19700095458	Performance evaluation of tantalum capacitors	1970
19700095466	Surface treatment and sensitization of semiconductor photocathodes Quarterly report, Jan.-Mar. 1970	1970
19700095467	Synthesis and characterization of polyurethane laminating resin Final report	1970
19700095469	The 1969 annual report of the Institute for Nuclear Technology of the Technical University of Berlin	1970
19700095471	The annihilation reaction e+/e- yields phi in the collision ring at Orsay	1970
19700095473	Aerobee 150 AF/AO 3.903-2 Meteorological data report, 12 Aug. 1970	1970
19700095475	Certification of Automatic Carrier Landing System /ACLS/ aboard USS John F. Kennedy /CVA-67/ for Mode 1 operation Final report	1970
19700095476	A computer method for shipboard siting of antennas Interim report	1970
19700095477	Preliminary investigation of the counter-flow jet flap Final engineering report, 2 Jun. 1969 - 1 Feb. 1970	1970
19700095479	C-141A a computer code for runway roughness studies. Volume 2 - Program documentation Technical report, Aug. 1969 - Jul. 1970	1970
19700095480	Automated technical control /ATEC/, volume 1, part 1 Final technical report, 18 Feb. - 18 Dec. 1969	1970
19700095481	Performance of selected transient signal detectors	1970
19700095482	Production of vector mesons by e+/e- annihilation	1970
19700095483	Magnetic and electromagnetic detection systems - Ordnance, volume 1 A DDC bibliography, Jun. 1960 - Sep. 1969	1970
19700095484	Conduct an operational evaluation of the AN/URN-20 TACAN Beacon system Final report, 24 Jul. 1969 - 5 Jun. 1970	1970
19700095485	Photographic formulations for machine processing	1970
19700095486	Technical investigation of near field solutions for TACAN siting problems Final report	1970
19700095490	A-7 throttle linkage failure test program Final report	1970
19700095491	Minuteman 3 stage 3 aft dome/cable vibration test /test block 1.2.15 of appendix 7 to GTP/ Final test report	1970
19700095492	SCX camera Final technical report	1970
19700095493	FM receiver sensitivity improvement studies Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095515	Dry film lubrication of gear teeth	1970
19700095516	Optical pyrometer for gas turbine buckets	1970
19700095517	Reliability verification test for transformer, pulse, part no. 2760484	1970
19700095518	Qualification report for semiconductor controlled rectifier per NAVAIR drawing 2459389	1970
19700095519	Qualification report for microelectronic device per General Dynamics drawing 423-800062	1970
19700095520	Reliability verification test for transformers, signal, part no. 2760489	1970
19700095524	Fluidic vortex angular rate sensor concept investigation for helicopters and V/STOL aircraft Final report	1970
19700095525	Explosive forming, volume 2 A DDC bibliography, Jan. 1958 - Feb. 1970	1970
19700095528	Reliability verification test for transformer, signal, part number 2760489	1970
19700095530	Zone refining, volume 2 A DDC bibliography, Dec. 1960 - Jun. 1968	1970
19700095531	Manufacturing methods for producing large diameter close tolerance superalloy castings Interim progress report, 1 May - 31 Aug. 1970	1970
19700095532	Inert gas welding, volume 2 A DDC bibliography, Jun. 1960 - Mar. 1970	1970
19700095533	Analysis of desirable features in the application of cost-effectiveness to EDP system selection	1970
19700095534	Study of aerodynamic rotors for air sampling Final summary report, 11 Jun. 1969 - 26 Jul. 1970	1970
19700095535	Qualification report for capacitor, fixed, electrolytic per NAVAIR drawing 2840256	1970
19700095536	AN/SQS-26 CX Digital Interface. Volume 3 - Computer test program and results Final report	1970
19700095537	Qualification and pilot lot test P/N 10231940 driver transformer Qualification test report	1970
19700095538	Resistors, variable, plastic, precision single turn trigonometric	1970
19700095539	Minuteman 3 stage 2 aft dome/cable vibration test /test block 1.2.16 of appendix 7 to GTP/ Final test report	1970
19700095540	Instruction handbook operation, maintenance, and overhaul manual for stored energy rotary drive flybox	1970
19700095541	Optical pyrometer for gas turbine buckets	1970
19700095542	A system of current correlation of the 2-meter JINR isochronous cyclotron	1970
19700095543	Qualification and pilot lot test P/N 10231939 control transformer	1970
19700095545	Small Gage Wire for Electrical Harnesses	1970
19700095546	Small gage wire for electrical harnesses, research	1970
19700095547	F-14 aircraft, automated aircrew escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring Interim report, Jan. - Mar. 1970	1970
19700095548	Polarization effects in holography	1970
19700095549	Stability/attitude signal computation from body-mounted multifunction sensors Final report, Jan. 1968 - Mar. 1969	1970
19700095551	Reliability verification test for transformer, pulse, part number 2760644	1970
19700095553	Ion collection by an electrostatic probe in a jet exhaust	1970
19700095554	Nike-Hydac STU-95 /10 August 1970/	1970
19700095555	Airborne IFF transponder antenna system with omni and steerable-cardioid patterns Final engineering report, 17 Mar. 1969 - 31 Jul. 1970	1970
19700095556	Group modem terminal study Final technical report, 17 Jul. 1969 - 17 May 1970	1970
19700095562	C3 reliability verification test procedure part no. 2760058-2	1970
19700095563	Cycle testing of cryogenic expulsion bellows Monthly technical progress narrative, Oct. 1970	1970
19700095564	Fracture characteristics of structural aerospace alloys containing deep surface flaws Monthly progress report, 1-31 Oct. 1970	1970
19700095565	Development of a position sensitive X-ray detector for use in a light weight X-ray diffractometer Quarterly report, 1 Aug. - 31 Oct. 1970	1970
19700095567	Contract for regeneratively cooled graphite-lined thrust chamber Monthly report, 28 Sep. - 24 Oct. 1970	1970
19700095568	Analyses of NASA/DOD space applications and transportation Monthly progress report, Oct. 1970	1970
19700095570	Study of radiation effects on liquid propellants	1970
19700095571	Metal tank fracture and design criteria Monthly progress report, 1-31 Oct. 1970	1970
19700095575	Impeller clearance effects Monthly progress report, period ending 31 Oct. 1970	1970
19700095576	Space shuttle auxiliary propulsion /APS/ valves Monthly technical progress narrative, Oct. 1970	1970
19700095578	Feed system instabilities Monthly progress report	1970
19700095579	Study of the formation and behavior of clogging material in propellants Monthly progress report, 13 Oct. - 13 Nov. 1970	1970
19700095580	Cryogenic filament-wound tank evaluation Monthly progress report, 31 Aug. - 27 Sep. 1970	1970
19700095582	Research and exploratory development for the Office of Aeronautical Research National Aeronautics and Space Administration Quarterly report, Jul. - Sep. 1970	1970
19700095583	Development of high temperature materials for solid propellant rocket nozzle applications Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19700095584	Space shuttle auxiliary propellant valves Monthly progress report, 1 - 31 Oct. 1970	1970
19700095585	Cycle testing of graphite filament-wound pressure vessels Monthly progress report, 26 Oct. - 25 Nov. 1970	1970
19700095586	Thrust chambers for space storables Monthly progress report, 1 - 31 Oct. 1970	1970
19700095593	Photomultiplier units /IMP-/ Final report, Dec. 1969 - Jul. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095594	Lunar surface holography experiment, instrument feasibility demonstration Monthly progress report, 1-31 Oct. 1970	1970
19700095595	Refined methods of aeroelastic analysis and optimization Semiannual progress report	1970
19700095596	Surface properties of thermionic electrodes Quarterly status report, 1 Aug. - 31 Oct. 1970	1970
19700095597	Letter progress report, 1 October - 1 November 1970	1970
19700095598	A study of structural behavior of thin films Bimonthly letter report, 1 Sep. - 31 Oct. 1970	1970
19700095601	Semiconductor screening test	1970
19700095602	The effect of an elastic edge restraint on the forced vibration of a rectangular plate	1970
19700095603	Development of piezoelectric skin-friction- force vector transducer for a hypersonic wind tunnel Semiannual status report	1970
19700095604	Research on cavitating pump instabilities Monthly progress report, 1 - 31 Aug. 1970	1970
19700095605	Hydrogen tank pressurizing gas injector Technical progress report, 1 - 31 Oct. 1970	1970
19700095609	C-3 reliability verification test procedure part number 2760022-1C30R1, 1E1504	1970
19700095611	Integrated Circuit and Message Switch /ICMS/ - Functions, requirements and performance	1970
19700095612	Microwave acoustic and bulk device technique studies Interim technical report, 1 Aug. - 31 Oct. 1969	1970
19700095613	SHF configured terminals for tactical satellite communications	1970
19700095614	VHF modulation and detection techniques Final report, 30 Dec. 1967 - 31 May 1970	1970
19700095615	Transistor evaluation	1970
19700095616	Reliability verification test for transformer signal, part number 2760135-1	1970
19700095617	Development of test methods for measuring damping of fiber-reinforced materials Final report	1970
19700095618	Altitude performance of five Thiokol Chemical Corporation TE-345 Titan vernier solid-propellant rocket motors having ages ranging from 88 to 92 months Final report	1970
19700095619	Optimization of instrument orientations for ballistic missile applications	1970
19700095623	An advanced time-frequency national airspace system	1970
19700095624	Evaluation of multi-mode system effectiveness	1970
19700095626	Qualification of sage resistor, fixed, wirewound	1970
19700095627	Qualification report for capacitor, fixed, electrolytic per BuWeps drawing 2840264-1 and 2840264-2	1970
19700095628	Qualification report for transistor, n-p-n, silicon per General Dynamics drawing 423-800350	1970
19700095629	Qualification report for microelectronic device per General Dynamics drawing 423-800178	1970
19700095631	Development of nose cone protective covering techniques Final report, 15 May 1967 - 30 May 1970	1970
19700095632	Colloid microthruster experiment Final technical report, Oct. 1966 - Mar. 1970	1970
19700095634	Program STRETCH /Space Technology Requirements and Engineering Tests of Component Hardware/. Volume 1 - Introduction and management aspects of the program Final report, 1 Mar. - 30 Mar. 1970	1970
19700095635	The NEST chemistry computer program, volume 1 Technical report, Dec. 1961 - Apr. 1970	1970
19700095636	Program STRETCH /Space Technology Requirements and Engineering Tests of Component Hardware/. Volume 2 - Flight system development test study. Part 1 - Introduction and summary Final report, 1 Mar. - 30 Jun. 1970	1970
19700095637	Reliability verification test for transformer, power, part number 2760482-1	1970
19700095644	Communication theory of quantum systems Quarterly status report, 1 May - 31 Jul. 1970	1970
19700095645	Dynamics of the human body in free fall Semiannual report	1970
19700095646	Investigation of the feasibility of developing low-permeability polymeric films Quarterly technical progress report, Jul. - Sep. 1970	1970
19700095647	An investigation of improved methods for light and general aviation aircraft. Volume 2 - An operations manual and project report of a fixed base flight simulator for general aviation airplanes Annual report	1970
19700095648	An investigation of improved methods for light and general aviation aircraft. Volume 1 - The aerodynamic analysis and system synthesis for a light airplane with spoilers, part 1 Annual report	1970
19700095649	Quarterly status report, 1 August - 31 October 1970	1970
19700095650	Convolutional coding techniques for data protection Quarterly progress report, 16 Aug. - 15 Nov. 1970	1970
19700095651	Space storable explosively actuated valves Monthly progress report, 4-31 Oct. 1970	1970
19700095654	Diffusion bonding, volume 2 A DDC bibliography, Jul. 1957 - Feb. 1970	1970
19700095655	Summary of component test results 1969	1970
19700095657	Development of an all-weather life raft for military aircraft /inflatable, one-man life raft, LRU-8/P/ Final report	1970
19700095658	Suprathermal electrons in a solar eclipse Quarterly progress report	1970
19700095659	An investigation of diffraction by planetary atmospheres Quarterly status report, 1 Apr. - 30 Sep. 1970	1970
19700095660	The stability of a constricted arc in an applied axial magnetic field	1970
19700095661	The theory of parallel operations in digital systems Quarterly status report, 1 Jul. - 30 Sep. 1970	1970
19700095663	C-3 reliability verification test procedure part number 2760441 diode, photoelectric	1970
19700095664	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy Semiannual progress report, 1 Apr. - 30 Sep. 1970	1970
19700095665	Chemical reactions in the electron volt region Progress report, 1 Mar. - 1 Sep. 1970	1970
19700095666	Program on size and ablation of meteorites Progress report, 15 Mar. - 15 Sep. 1970	1970
19700095667	Activities of the infrared group and the X-ray and gamma-ray astronomy group Semiannual status report, 1 Apr. - 30 Sep. 1970	1970
19700095671	Acoustic reverberation at the sea surface - Surface and sublayer spectra vis-a-vis scattering and reflection	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095674	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700095678	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19700095679	Manufacturing method for precision casting titanium alloy aircraft components Interim engineering progress report, 16 Mar. - 16 Jun. 1970	1970
19700095680	Establishment of a manufacturing process for thin walled conical beryllium structures involving hot isostatic pressing Interim engineering progress report, 1 May - 31 Aug.	1970
19700095681	Some remarks on the interference between a swept wing and a fuselage	1970
19700095682	Low-speed wind-tunnel measurements of the oscillatory lateral aerodynamic derivatives of a BAC 221 model and comparison of results with similar concorde and HP 115 data	1970
19700095684	Short-pulse scattering measurement and analysis. Volume 2 - Analytical determination of target frequency response Final technical report	1970
19700095685	Development of radiation hardened operational amplifiers	1970
19700095688	Reliability verification test for part no. 2760187-1 transformer, pulse	1970
19700095689	On conical waveriders	1970
19700095692	Altimeter systems for automatic altitude reporting with particular reference to system and instrument accuracy	1970
19700095694	Evaluation of absorption cycle for space station environmental control system applications Monthly progress report, 25 Sep. - 24 Oct. 1970	1970
19700095695	Effect of baffles on combustion instability Monthly progress report, Oct. 1970	1970
19700095696	Bonanza project Semiannual report, 1 Apr. - 30 Sep. 1970	1970
19700095697	Electroformed injector fabrication techniques Monthly progress report, 1-31 Oct. 1970	1970
19700095698	Space cell test program Monthly progress report	1970
19700095701	Quarterly progress report, for 1 August to 1 November 1970	1970
19700095702	Scientific communication research in space biology Quarterly progress report, 1 Jul. - 20 Sep. 1970	1970
19700095703	Space rescue operations study Monthly progress report, 1-31 Oct. 1970	1970
19700095714	P3 fiberglass blade, development and qualification testing Final report	1970
19700095717	Compatibility studies for viable titanium matrix composites Progress letter, 1 - 31 Jan. 1970	1970
19700095720	The velocities induced by distributions of infinite kinked source and vortex lines representing wings with sweep and dihedral in incompressible flow	1970
19700095722	Research in German-English machine translation on syntactic level, volume 1 Final technical report, 1 Apr. 1967 - 30 Jun. 1969	1970
19700095723	Research in German-English machine translation on syntactic level, volume 2 Final technical report, 1 Apr. 1967 - 30 Jun. 1969	1970
19700095725	Model PFR-193C Precision Fathometer Recorder	1970
19700095726	A self-contained optically loaded complementary MOS memory module	1970
19700095727	Qualification report for transistor per NAVAIR drawing 2459238	1970
19700095728	Ultraviolet and electron radiation effects on reflectance and emittance properties of thermal control coatings Final report, 16 Jan. 1969 - 15 Apr. 1970	1970
19700095730	A study of effects in material objects due to gamma ray flux-initial charge relaxation on arbitrarily formed wires Final report	1970
19700095731	Aquanauts composite life support umbilicals, SEALAB 3 Final report, Apr. 1967 - Jun. 1969	1970
19700095732	Micro-electrostatic gyro /MESG/ fast reaction study Final report, Mar. - Aug. 1970	1970
19700095733	Investigation of a bimetallically controlled combustor to improve starting of gas turbine engines, T58 tests Final report, Jul. 1969 - Sep. 1970	1970
19700095734	Technical evaluation of spun aluminum reflector for landing control central AN/SPN-10/42 Final report, Nov. 1969 - Jul. 1970	1970
19700095736	A survey of sighting and aiming devices Final report	1970
19700095737	RACOMS cartographic module Engineer design test report, 3 Jun. 1968 - 31 Jan. 1969	1970
19700095738	RACOMS data processing module Engineer design test report, Jun. - Dec. 1969	1970
19700095741	A comparison of the perceived career progressions of Air Force and aerospace industry scientist-engineers	1970
19700095742	Materials research for rapid site preparation CY 1969 Summary report	1970
19700095743	Development of techniques for the ceramic potting of magnet coils	1970
19700095744	Source qualification for JAN2N2432A	1970
19700095745	Radiation measurements of burning chemical mixtures Final report	1970
19700095746	Microminiature attitude reference platform gimbal mechanization study Final engineering report, 15 Dec. 1968 - 30 Nov. 1969	1970
19700095750	Triode/tetrode amplifier development Semiannual progress report, Jul. - Dec. 1969	1970
19700095754	Surfing lift mechanism for high speed ocean transport Quarterly technical summary report no. 3	1970
19700095758	Phase 4 on-fast program, report for January 1968 - February 1970	1970
19700095759	Technical evaluation of general purpose voltmeter unit Final report	1970
19700095760	The relation of X-ray line broadening parameters to the fracture toughness of selected high strength steels	1970
19700095761	Results of round-robin corrosion fatigue study	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095762	Lightning vulnerability measurements on selected metal and nonmetal helicopter rotor blades and hub assemblies	1970
19700095763	High-strength, broadband, lightweight silicon oxide radome techniques Summary report 1 Mar. 1969 - 28 Feb. 1970	1970
19700095764	A study of cadmium sulfate hydrates	1970
19700095765	Low light level television, volume 1 A DDC bibliography, Nov. 1960 - Jul. 1969	1970
19700095768	Final data analysis of the AS and E grazing incidence X-ray telescope experiment on OSO-4 Monthly progress report	1970
19700095769	Influence of lubricants of the amide type on the gelling time of PVC suspensions, in comparison with other lubricants	1970
19700095770	Evaluation test, decade counter	1970
19700095771	STRETCH computer programs for mechanization of mass spectra data processing	1970
19700095772	Potential applications of multidimensional material-response codes to reentry vehicle vulnerability problems Final report	1970
19700095773	Some research on solids in the Netherlands	1970
19700095774	Nonlinear and digital man-machine control systems modeling Status report, 1 Mar. - 1 Sep. 1970	1970
19700095776	Digs connector development test	1970
19700095777	Qualification report for transistor, p-n-p silicon per NAVAIR drawing 2808138	1970
19700095778	Study of the mechanisms of sand and dust erosion in gas turbine engines	1970
19700095779	The fifty-percent coverage problem of the general bivariate Gaussian distribution	1970
19700095780	Radiation pyrometer for gas turbine blades	1970
19700095781	The design of MOS/LSI through the use of computer-aided design techniques	1970
19700095784	Turbulent boundary layers on a large flat plate at M equals 4	1970
19700095797	Development of a liquid crystal technique for non-destructive testing of coalescer elements	1970
19700095798	Power supply, dual output	1970
19700095799	Preproduction test report	1970
19700095801	Breadboard maser system Progress reports	1970
19700095802	On the usefulness of order statistics	1970
19700095807	Pin diode evaluation	1970
19700095808	Sealed miniature cartridge fuses MDAC-WD SCN 1T16883-1A and -501A	1970
19700095810	Investigation of the higher energy excitation spectrum of ZnTe films	1970
19700095811	A test of the synchrotron expanding source model of quasi-stellar radio source variations	1970
19700095812	Coherence properties of a pulsed ruby lasers	1970
19700095813	Estimation of RF receiving system sensitivity	1970
19700095815	Qualification of electro materials capacitor, fixed, ceramic	1970
19700095816	Qualification report for semiconductor device, diode per NAVAIR drawing 2859488	1970
19700095817	Qualification report for transistor per NAVAIR drawing 2808097	1970
19700095818	A decision theoretic approach to the PERT subjective estimation problem	1970
19700095819	Qualification of Dale Electronics, Incorporated resistor, fixed, wirewound	1970
19700095831	Ships and aircraft handbook	1970
19700095833	Pulse-code modulation for high-quality sound- signal distribution - Instrumentation of experimental multiplex system	1970
19700095837	Feasibility investigation of a unique tribrid fuel grain /U/ Final report, 24 Feb. 1969 - 27 Apr. 1970	1970
19700095845	Three final digital computer programs to complete the analysis of the SHAPE payload Quarterly progress report	1970
19700095848	Rotor-bearing dynamics design technology. Part 9 - Thrust bearing effects on rotor stability Final report, 1 Oct. 1968 - 1 Jan. 1970	1970
19700095852	Evaluation test, retriggerable monostable multivibrator	1970
19700095853	Individual acceptance test, connector assembly, cryogenic	1970
19700095854	Evaluation test 4 - Bit binary decoder	1970
19700095855	Evaluation test BCD to 1 of 10 decoder	1970
19700095856	Individual acceptance test, connector assembly, cryogenic	1970
19700095859	C-3 reliability verification test procedure part no. 2760022-1C-30R1, 3010	1970
19700095860	Reliability verification test for part no. 2760187-2 transformer, pulse	1970
19700095861	F-4J/J79-GE-10 smoke abatement system installation, test and evaluation Final report, 29 Mar. 1969 - 31 Jan. 1970	1970
19700095864	Model RS5-3 portable salinometer	1970
19700095866	AN/SQS-26 CX digital interface. Volume 1 - Summary Final report	1970
19700095867	Study of the decays kaon ⁰ / yields pion ⁰ / pion ⁰ / pion ⁰ / and kaon ⁺ / yields pion ⁺ / pion ⁰ / pion ⁰ /	1970
19700095868	Project Cold Can airglow measurements, part 1 - O ₂ /1 Delta g/ emission over North and South America	1970
19700095869	Velocity distributions in the wake of spheres	1970
19700095870	Qualification report for transistor per General Dynamics drawing 423-800091	1970
19700095871	Individual acceptance, connector for cryogenic assembly	1970
19700095872	Individual acceptance test, connector for cryogenic assembly	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095873	Evaluation of AN/GVS-3 laser range finder, Aberdeen Proving Ground, Maryland Technical report, Apr. - Dec. 1969	1970
19700095874	Nonflammable fabrics Final technical management report, 1 Jan. 1969 - 31 Jun. 1970	1970
19700095878	Integrated research on carbon composite materials. Part 4. Volume 3 - Structural component development Summary technical report, Jul. 1968 - Jun. 1969	1970
19700095879	Fluorocarbon cooling for electronic equipment, literature report	1970
19700095880	Results of a literature survey on clearances between component leads and printed wiring board holes	1970
19700095881	Some circuit component application booby traps	1970
19700095882	Solitron devices, 2N3752 silicon power transistor	1970
19700095883	Design of piezoelectric Fabry-Perot light modulator	1970
19700095884	Acoustic calibration of an explosive sound source	1970
19700095885	Qualification test for UA941 operational amplifier	1970
19700095886	Qualification test for 1741 operational amplifier	1970
19700095887	Qualification test for UA723 voltage regulator	1970
19700095888	New design qualification test	1970
19700095892	Reliability verification test for part no. 2760192-2 filter, low pass	1970
19700095893	C-3 reliability verification test procedure part no. 2760200-16, 2760200-28	1970
19700095897	RACOMS image processing module 2 Engineer design test report, 3 Jun. 1968 - 31 Jan. 1969	1970
19700095898	Burst disc relief valve	1970
19700095899	Relay 2 amp, hermetically sealed, 26.5 VDC, sensitive, DPDT	1970
19700095900	Source qualification for JAN2N2905A	1970
19700095901	Evaluation of Bourne, Incorporated, P/N'S 2004417001 /0-15 PSIA/, 2004417002 /100 PSIA/, and 2004417003 /0-150 PSIA/ pressure transducers	1970
19700095902	Qualification test for DTL962 triple-3 input NAND/NOR gate	1970
19700095903	Wybar transistor lead forming evaluation	1970
19700095904	Data handbook	1970
19700095906	Transpiration and film cooling computer program Monthly status letter, Aug. 1970	1970
19700095907	Qualification report for microelectronic devices per NAVAIR drawing 2808573	1970
19700095908	Evaluation of Motorola 2N3716 power transistors for space flights applications	1970
19700095910	Liquid controlled solid demonstration AMV-11A /U/	1970
19700095912	Advanced auxiliary power unit, breadboard phase report, phases 2 and 3 /U/ Interim report, 25 Jun. 1968 - 30 Apr. 1970	1970
19700095916	IRIA annotated bibliography of infrared literature, volume 14, number 2 /U/	1970
19700095917	Proceedings of the Air Force Airframe- Propulsion Compatibility Symposium, supplement, 1 /U/	1970
19700095921	AAM ramburner technology program /U/ Final technical report, Apr. 1969 - Feb. 1970	1970
19700095922	Feasibility test of the millimeter wave guided munition fuze sensor /U/ Final report, 19 Mar. 1969 - 29 Jun. 1970	1970
19700095924	V/STOL employing ARL thrust augmentation concepts - Research test vehicle air distribution system model flow tests /U/ Final report	1970
19700095927	Transmission loss calculations using marine geophysical survey data /U/	1970
19700095929	Production engineering measure for 18mm fiber optic inverter plate /U/ Quarterly progress report, 13 Feb. - 13 May 1970	1970
19700095931	Propellant technology /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1970	1970
19700095937	Pilot plant engineering development programs /U/ Memorandum report, 1 Oct. 1969 - 31 Mar. 1970	1970
19700095939	The advisory group on electron devices for FY 1970 /U/ Annual report	1970
19700095940	Research and development fabrication of glass microchannel plates /U/ Final report, 1 Oct. 1964 - 30 Jun. 1968	1970
19700095941	An investigation of NBF propellants and a comparison of NBF and NHC burning rate modifiers /U/	1970
19700095942	LAMPS radar requirements study report /U/	1970
19700095947	AN/SQS-26 CX digital interface. Volume 2 - special performance test results /U/ Final report	1970
19700095948	DISAC correlogram whitening program /U/	1970
19700095950	The 40 mm gated microchannel array development /U/ Interim technical report, 7 Mar. - 6 Jun. 1969	1970
19700095951	The 40 mm gated microchannel array development /U/ Interim technical report, 7 Jun. - 6 Sep. 1969	1970
19700095953	Centrifuge and temperature environmental testing of 2.75 inch FFAR motors /U/ Final report, 1 May - 1 Sep. 1968	1970
19700095954	Computer stabilization of radar data /U/ Final report	1970
19700095957	Assured range studies /U/ Final summary report	1970
19700095958	Independent research program, fiscal year 1970 /U/ Annual report	1970
19700095959	Application of turbulent, compressible boundary layer concepts to the interior ballistics of rocket motors /U/	1970
19700095960	P-N silicon unijunction transistor	1970
19700095964	Development and feasibility testing of a chemiluminescent location marker	1970
19700095965	Fundamental investigations of photoemission Quarterly report	1970
19700095966	Some studies on the burn-up of nuclear fuel	1970
19700095968	Problem of axiomatic formulation of microcausality and theorems of the Pomeranchuk theorem type for the 'averaged' amplitude	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700095969	Model OSR-19T oceanographic survey recorder	1970
19700095970	Model 6600 salinograph	1970
19700095971	Study of bipropellant shutoff valves Monthly report, 1 Oct. - 1 Nov. 1970	1970
19700095972	Dynamics of plasma current in the field of pulsed magnetic barrier	1970
19700095973	Integrated circuit, voltage regulator /positive regulation/	1970
19700095976	Advanced maneuvering propulsion system /Convair propellant feed system design/. Volume 1 - Summary /U/ Final report, 1 Dec. 1967 - 31 Dec. 1969	1970
19700095977	Advanced maneuvering propulsion system /Convair propellant feed system design/. Volume 2 - Selected configuration description /U/ Final report, 1 Dec. 1967 - 31 Dec. 1969	1970
19700095978	Advanced maneuvering propulsion system /Convair propellant feed system design/. Volume 3 - Optimization studies /U/ Final report, 1 Dec. 1967 - 31 Dec. 1969	1970
19700095979	Advanced maneuvering propulsion system /Lockheed propellant feed system design/. Volume 1 - Summary /U/ Final report, 1 Dec. 1967 - 31 Dec. 1969	1970
19700095980	Advanced maneuvering propulsion system /Lockheed propellant feed system design/. Volume 2 - Propulsion stage system design /U/ Final report, 1 Dec. 1967 - 31 Dec. 1969	1970
19700095981	Advanced maneuvering propulsion system /Lockheed propellant feed system design/, volume 3. Part A - Screening and optimization analyses /U/ Final report, 1 Dec. 1967 - 31 Dec. 1969	1970
19700095982	Advanced maneuvering propulsion system /Lockheed propellant feed system design/, volume 3. Part B - Screening and optimization analyses /U/ Final report, 1 Dec. 1967 - 31 Dec. 1969	1970
19700095983	Combustion efficiency studies of LMH-1 /U/ Final report, 1 Oct. 1968 - 30 Nov. 1969	1970
19700096011	Qualification test for DTL962 triple-3 input NAND/NOR gate	1970
19700096016	Dual shock tube facility instrumentation /U/	1970
19700096022	Foamed aluminum propellant demonstration /U/ Technical report, Jul. 1968 - Jul. 1969	1970
19700096026	An assessment of planar array sonar potential /U/	1970
19700096027	Landing studies on high L/D hypersonic vehicles /U/ Final report, Jul. 1968 - Oct. 1969	1970
19700096029	Fragmentation behavior of ferrous base powder metal casings /U/	1970
19700096030	Performance of LES-7 experimental antenna in the nulling mode /U/	1970
19700096066	Operation of microwave refractometer AN/AMH-3 AN/AMH-3/XAN-3/	1970
19700096068	Apollo applications failure mode effects analysis. Volume 19 - Instrumentation subsystem	1970
19700096069	Apollo applications failure mode effects analysis. Volume 7 - CM reaction control subsystem	1970
19700096070	Apollo applications failure mode effects analysis. Volume 17 - Mechanical subsystem	1970
19700096071	Apollo applications failure mode effects analysis. Volume 8 - Ordnance/SLA subsystem	1970
19700096072	Genetic and metabolic variability in autotrophic and heterotrophic bacteria Status report, 1 May - 31 Oct. 1970	1970
19700096076	Conduct an operational evaluation of hydrofoil gunboats PGH-1 and 2 /U/ Final report, 7 Oct. 1968 - 8 Apr. 1969	1970
19700096077	Fluidic inertial bomb study. Volume 1 - Guidance /U/ Final report, Mar. - Dec. 1969	1970
19700096078	Fluidic inertial bomb study. Volume 2 - Stability and control /U/ Final report, Mar. - Dec. 1969	1970
19700096079	Fluidic inertial bomb study. Volume 3 - System mechanization /U/ Final report, Mar. - Dec. 1969	1970
19700096088	A study program for the development of materials and processes for life support and environmental control systems Final report, 7 Jan. - 7 Jul. 1970	1970
19700096089	Advanced techniques for determining long-term compatibility of materials with propellants Monthly letter report	1970
19700096097	Supersonic jet exhaust noise Monthly progress report	1970
19700096098	Apollo applications program failure mode effects analysis. Volume 4 - Caution and warning subsystem	1970
19700096099	Apollo applications failure mode effects analysis. Volume 13 - Displays and controls subsystem	1970
19700096100	Apollo applications failure mode effects analysis. Volume 12 - SM reaction control subsystem	1970
19700096101	Ignition system for space shuttle auxiliary propulsion system Monthly technical progress report, 28 Sep. - 25 Oct. 1970	1970
19700096102	Space vehicle integrated thermal protection/ structural/meteoroid protection system Monthly progress report, 15 Sep. - 15 Oct. 1970	1970
19700096104	Beryllium in inertial navigation	1970
19700096106	Automated microbial metabolism laboratory Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19700096107	Collaborative research in cardiovascular dynamics and bone elasticity Progress reports, 1 Apr. - 15 Nov. 1970	1970
19700096108	The solar atmosphere and the structure of active regions Quarterly status report	1970
19700096109	Theoretical and experimental investigations of collective microwave phenomena in solids Semiannual status report, 1 Apr. - 30 Sep. 1970	1970
19700096110	Meteorological interpretation of satellite radiation data Semiannual status report, 1 Apr. - 30 Sep. 1970	1970
19700096111	Cloud particle size measurements in the atmosphere of Venus Annual report	1970
19700096112	Study to generate a plan for the development of astromedics Monthly progress report, 16 Sep. - 15 Oct. 1970	1970
19700096115	Apollo applications program failure mode effects analysis. Volume 16 - Sequence events control and emergency detection subsystem	1970
19700096116	Apollo applications failure mode effects analysis. Volume 6 - Communications subsystem	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700096117	Investigation of warm fog properties and fog modification concepts Quarterly progress report	1970
19700096118	Quarterly progress report, for the period, 1 July to 30 September 1970	1970
19700096119	Breathing/metabolic simulator Quarterly progress report, 27 Jul. - 27 Oct. 1970	1970
19700096120	Postdoctoral and senior postdoctoral resident research associateship program Status report, 1 Jun. - 31 Aug. 1970	1970
19700096121	High temperature oxidation of superalloys	1970
19700096122	Fiberglass supports for cryogenic tanks Monthly activity report no. 18, 1-31 Oct. 1970	1970
19700096123	Programmed-response ratio radiometer	1970
19700096124	Reliability verification test procedure, part no. 2760221-1 /connector, electrical/	1970
19700096125	Reliability verification test procedure, part no. 2760221-1 /connector, electrical/	1970
19700096126	Molecular binding and catalysis Final report, Jun. 1967 - Jan. 1970	1970
19700096127	Reliability verification test for reactor, part no. 2760558	1970
19700096128	Reliability verification test for reactor, part no. 2760558	1970
19700096129	Production engineering measure for hybrid quartz filters 10 MHz to 30 MHz Quarterly progress report, 24 Mar. - 23 Jun. 1970	1970
19700096130	Effects of data rate and time constants on a glide missile using bang-bang and continuous controllers	1970
19700096131	Smith-Purcell radiation	1970
19700096132	BIRDS EYE 8-69 Informal report, 17 Nov. - 3 Dec. 1969	1970
19700096133	Crack toughness testing in relation to fracture control	1970
19700096134	Evaluation of Titan 3 aft closure insulation	1970
19700096137	Statistical discrimination Quarterly report, 1 Jun. - 31 Aug. 1970	1970
19700096139	Investigation of refractory composites for liquid rocket engines Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19700096140	Apollo applications failure mode effects analysis. Volume 15A - Electrical power subsystem	1970
19700096143	Experimental fast-wave dual dipole VLF transmitting antenna	1970
19700096144	SIEGE 2, phase 2. Volume 1 - Summary and electrical design considerations Technical report, Mar. - Jul. 1969	1970
19700096145	Application of beryllium to turbine engine components Final technical report, 1 Dec. 1964 - 28 Apr. 1969	1970
19700096146	Influence of lubricants on turbine engine design Final report, 1 May 1969 - 30 Apr. 1970	1970
19700096147	Analysis of long period seismic signals and noise recorded at LASA, TFO, and UBO Scientific report, 1 Jun. - 31 Dec. 1969	1970
19700096148	Processes during the freezing of water	1970
19700096149	On the theory of linear crystallization velocity of undercooled melts and undercooled solid modifications	1970
19700096150	Improved 2402 aerial film Final report, Jan. - Apr. 1970	1970
19700096151	The Modularized Vehicle Simulation /MVS/ system	1970
19700096152	Feasibility tests of a spinning smooth bore gun as an experimental launch device	1970
19700096153	Final report, Sep. 1970	1970
19700096154	A 100-watt PEP insulated-gate field-effect transistor for operation from a 28-volt supply Interim engineering report, 21 Mar. - 21 Jun. 1970	1970
19700096155	Manufacturing methods for Samarium cobalt magnets Interim report, 1 Jun. - 31 Aug. 1970	1970
19700096157	Studies of graphite vaporization using a modulated beam mass spectrometer Summary report, 1 Feb. 1969 - 31 Jan. 1970	1970
19700096158	Dual-frequency radar receiver and display development and tri-coordinate radar modification Final report, May 1965 - May 1970	1970
19700096159	Source qualification for JAN2N2905A	1970
19700096167	Investigation of 10.6 micron propagation phenomena Semiannual report, Jan. - Jun. 1970	1970
19700096172	Analysis of channel requirements for air traffic control communication and navigational aid systems	1970
19700096175	Fluidics for control of military fuel handling operations Final report, Nov. 1968 - Aug. 1970	1970
19700096176	Effect of sulfur in JP-5 fuel on hot corrosion of turbine blade materials in marine environment Final report, 2 Apr. 1969 - 15 May 1970	1970
19700096177	Newsletter no. 23. Reaction rate series	1970
19700096179	Investigation of holographic testing technology Semiannual report, 1 Dec. 1969 - 31 May 1970	1970
19700096182	Suspended sediment and water characteristics	1970
19700096183	Drag reduction and flow studies on a fineness- ratio one tangent ogive radome with spikes at supersonic speeds	1970
19700096192	Cadmium Sulfide Thin-film Solar Cell Review	1970
19700096193	Progress in a fabrication of CdS thin film solar cells	1970
19700096194	Long term storage stability and cell improvement programs at Clevite	1970
19700096195	Simulated space environmental tests on cadmium sulfide solar cells	1970
19700096196	Simulated space tests at Lewis Research Center	1970
19700096197	Severe degradation due to load effect	1970
19700096198	Radiation effects on cover plastics	1970
19700096199	Integrated thin film cadmium sulfide solar cell module	1970
19700096200	Cadmium sulfide film deposition study	1970
19700096201	Performance of 1969 cadmium sulfide solar cells under simulated synchronous orbital conditions	1970
19700096202	Space flight testing of CdS solar cells	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700096203	Degradation of CdS thin film solar cells in different environments	1970
19700096210	Mean density and temperature data in wakes of hypersonic spheres	1970
19700096211	Saturn 5 improvement study - Fluid and flight mechanics, strap-on solids Mid-term review	1970
19700096212	A problem in matching an inlet and engine having steady-state circumferential inlet pressure distortion	1970
19700096214	Reactive stream separation photography Monthly progress report, period ending 30 Nov. 1970	1970
19700096217	RACOMS map revision module Engineer design test report, Sep. 1969 - Jan. 1970	1970
19700096225	Connectors, blue ribbon, 24 pin, cinch, amphenol	1970
19700096226	A stationary field method for investigating disassociation processes in liquid and solid bodies	1970
19700096227	F-14 aircraft aircrew escape system, operational aeromedical and human factors, maintainability and engineering evaluation and systems development monitoring Interim report	1970
19700096228	Development of power sources for PRC-90 radio Final report, 10 May - 31 Aug. 1969	1970
19700096229	Evaluation of A-4E/F air refueling probe relocation effectiveness for decreased fuel ingestion Final report	1970
19700096231	Exploration and development of a 3.2 millimeter wave magnetron for helicopter service Quarterly engineering report, 11 Jun. - 11 Sep. 1970	1970
19700096232	Range maximization of an air-to-surface missile	1970
19700096233	Application of the Kalman filter to orbit determination	1970
19700096234	Effects of high-lift devices on V/STOL aircraft performance. Volume 2 - Bibliography Final report	1970
19700096235	A radiation hardened resettable timer study	1970
19700096236	A facility for the measurement of terrain illuminators Technical report, May 1968 - Jul. 1969	1970
19700096237	Long-life grid-controlled amplifier Triannual report no. 1, 15 May - 15 Sep. 1969	1970
19700096238	Long-life grid-controlled amplifier Triannual report no. 2, 15 Sep. 1969 - 15 Jan. 1970	1970
19700096239	The 11602 lance missile no. 5119, round no. 96, 13 August 1970	1970
19700096240	Theoretical kinetic performance of hydrogen-fluorine systems 1 Report for Dec. 1969 - May 1970	1970
19700096243	Selected abstracts of documents cited in a computer search of the NASA data bank on the subject of water pollution	1970
19700096244	Cross beam wind measuring techniques	1970
19700096246	Translations on French nuclear, missile, space, and related military developments, no. 249	1970
19700096247	Satellite broadcasting - Spectrum efficiency of television services in the 12 GHz band	1970
19700096248	Test and evaluation of the A-6 custom lab enlarger /Simmon omega/ Final technical report	1970
19700096249	Test and evaluation of the 3M Company dry silver viewer printer Final technical report	1970
19700096250	Test and evaluation of the super chromogatron negative color analyzer /Simmon/ Final technical report	1970
19700096251	Research and development programs Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19700096253	Saturn 5 improvement study - Fluid and flight mechanics, liquid configurations Mid-term review	1970
19700096257	Source qualification for JAN2N2905A	1970
19700096258	Qualification test for UA741 operational amplifier	1970
19700096259	Studies in solid-state science. 11 - A technique of measuring the transparency of materials as a function temperature	1970
19700096260	A 3- to 5-micron parametric oscillator Technical report, Apr. 1969 - Mar. 1970	1970
19700096262	An experimental investigation of base pressure on a body of revolution at high thrust levels and free stream Mach numbers of 1.5 to 2.87	1970
19700096263	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft Interim engineering progress report, 1 Dec. 1969 - 28 Feb. 1970	1970
19700096264	Laser-beam welding process development Final technical report, 1 Jul. 1969 - 30 Sep. 1970	1970
19700096265	The prediction of solar proton events based on solar radio emissions	1970
19700096272	Minutes of the Eleventh Conference of the International Committee on Aeronautical Fatigue	1970
19700096273	Review of aeronautical fatigue investigations in the Netherlands, 1967 - 1969	1970
19700096274	A review of the work in the United Kingdom on the fatigue of aircraft structures during the period May 1967 - April 1969	1970
19700096275	Review of some Swedish works on fatigue during the period April 1967 - May 1969	1970
19700096276	Review of some Belgian works on fatigue during the period April 1967 - May 1969	1970
19700096277	A review of the Swiss investigations on aeronautical fatigue during the period May 1967 - April 1969	1970
19700096278	Review of investigations on aeronautical fatigue in the Federal Republic of Germany, April 1967 - March 1969	1970
19700096279	Review of French investigations on aeronautical fatigue during years 1967 - 1969	1970
19700096280	A review of recent fatigue work in Italy, 1967 - 1969	1970
19700096281	A review of Australian investigations on aeronautical fatigue during the period April 1967 - March 1969	1970
19700096282	A review of research on aeronautical fatigue in the United States, 1967 - 1969	1970
19700096283	AN/AAS-18 IR set modification to dual spectrum capability Final technical report	1970
19700096284	US Navy satellite geophysics program Status report, Jul. - Sep. 1969	1970
19700096285	Preparation and operation of instrumentation for airborne optical measurements of auroral effects during polar cap absorption events Summary report	1970
19700096286	Development of an 18 to 40 GHz low noise traveling-wave tube amplifier Final technical report, Mar. 1969 - Apr. 1970	1970
19700096287	Development and demonstration of manufacturing techniques for joining bimetal shafts Final technical report, Jun. 1966 - Jun. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700096288	Failure criteria for brittle materials with spherical cavity flaws	1970
19700096289	Production engineering measure for capacitors electrolytic, aluminum high reliability, high voltage Quarterly report, 30 Mar. - 30 Jun. 1970	1970
19700096290	Perfluoroalkylene oxide polymers as high- temperature sealants Final report, 1 Jun. 1968 - 30 Nov. 1969	1970
19700096291	The 11603 Lance missile no. 5145, round no. 97 /20 August 1970 Meteorological data report	1970
19700096292	On the problem of the transmission of heat in a conductive, isotropic, and homogeneous medium that has no boundaries	1970
19700096293	Surface microsonics in isotropic media Quarterly report, 18 Feb. - 17 May 1970	1970
19700096294	Stability margin definition Technical report, Jan. 1968 - Jun. 1970	1970
19700096295	Advanced complementary metal oxide semiconductor circuit techniques Interim report, 1 Mar. 1969 - 28 Feb. 1970	1970
19700096296	Predictions of backscatter limited contrast for active night reconnaissance systems Technical report, Jan. - Jul. 1969	1970
19700096303	An investigation of some problems involved with the use of lasers in alignment systems	1970
19700096304	Fundamental principles of collision spectroscopy in diatomic systems Progress report, 1 Sep. 1969 - 31 Aug. 1970	1970
19700096306	Codes MUTHER 3 and MUTHER 4 - Three dimensional codes for the calculation of power density in reactors with partly inserted control rods	1970
19700096308	Solid state physics at five Italian universities	1970
19700096309	Electromagnetic simulation of natural and artificially induced auroras Final report, May 1969 - Sep. 1970	1970
19700096310	Turbulent boundary-layer profiles measured in a high enthalpy supersonic channel flow Final report, Jul. 1969 - Jun. 1970	1970
19700096311	Solid gas hydrates	1970
19700096312	Prototype electric field sensor system Technical report, Jul. 1967 - Nov. 1969	1970
19700096313	Shadowgraph-schlieren and pressure gauge measurements on shock reflection and attenuation at atmospheric pressure	1970
19700096314	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft Interim engineering progress report, 1 Mar. - 31 May 1970	1970
19700096315	Scale model study for development of broadband omnidirectional 4-12 MHz antennas for DLGN-36 and DLG-26 class ships Final report	1970
19700096316	Graft polymerization Progress report, 1 Jul. 1969 - 30 Jun. 1970	1970
19700096317	Error analysis in strain gage calibration utilizing a constant-moment bending fixture	1970
19700096318	PWR Full Length Emergency Cooling Heat Transfer /FLECHT/ group 1 test report	1970
19700096319	Technical progress report, 1 April, 1970 - 31 March, 1971	1970
19700096320	Scaled model evaluation of shock attenuation treatments for ballistic ranges	1970
19700096324	Permanent conductive transparent coating for Lucite and Lexan	1970
19700096325	Orbital assembly operations of a modular reusable nuclear shuttle	1970
19700096326	Fuels, materials, and coolant chemistry programs, GFY 1970 Annual progress report	1970
19700096328	Barrier/Counterbarrier research, power sources	1970
19700096329	Quantitative studies by optical spectroscopy of energy exchange in simple gases and solids Final report	1970
19700096330	Long-period signal separation experiments	1970
19700096331	Short-wave fade frequency degradation	1970
19700096332	Simulation of adaptive on-line maximum- likelihood processing	1970
19700096333	Spectral analysis of signals by using the Z-transform algorithm	1970
19700096335	Qualification report for microelectronic device per General Dynamics drawing 423-800258	1970
19700096336	Criticality - A review of basic concepts and their applications, part 1 and part 2	1970
19700096337	Airborne operator target recognition training procedures. Volume 2 - Visual reconnaissance study Final report, Apr. 1967 - Oct. 1968	1970
19700096339	Research on flight control systems. Volume 2 - Fly-by-wire B-47, phases 2 and 3 Final report, Aug. 1968 - Nov. 1969	1970
19700096340	Space communications Quarterly technical summary report, 1 Mar. - 31 May 1970	1970
19700096343	The effect of different carburising sources in sodium on the tensile properties of stainless steel and nimonic alloys	1970
19700096345	Further flow evaluation data for DFR Mk 2 sub-assembly	1970
19700096346	ELF propagation and communication characteristics in a nuclear environment Final report	1970
19700096347	Satellite orbital prediction for optical tracking from a single site	1970
19700096348	Development of LP wave discrimination capability using LP strain instruments Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19700096349	Integrated solid-state microwave sources Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19700096350	Retinal damage thresholds comparison of 3mm and 8mm diameter Q-switched ruby laser	1970
19700096351	Radar techniques program. Division 6 Quarterly technical summary, 1 May - Jul. 1970	1970
19700096359	Determination of the unloading boundary in longitudinal elastic-plastic stress wave propagation Technical report, 1 Jul. 1969 - 31 May 1970	1970
19700096360	Development of a 250 ampere transcaent rectifier Final technical report, 28 May 1969 - 15 May 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700096361	Production engineering measure solid encapsulated semiconductor devices Quarterly progress report, 23 Mar. - 30 Jun. 1970	1970
19700096362	Helicopter escape personnel survival system dynamics study Final report	1970
19700096364	Fast breeder project Quarterly report, Oct. - Dec. 1969	1970
19700096365	Tensile properties of Rocky Flats division ingot-sheet beryllium from 194 C to 700 C	1970
19700096366	Program definition phase, LMFBR steam generator research and development. Volume 1 - Program plan Final report	1970
19700096367	Fission product release measurements in the Dragon reactor. Charge 2. Project Dragon	1970
19700096368	Dragon project metals corrosion programme - Description of the helium rig at Ciir, Oslo. Project Dragon	1970
19700096371	WR-1 boiling water loop hazards evaluation - reassessment of void consequences	1970
19700096372	Wind tunnel tests to qualitatively determine the effectiveness of volute afterbodies in stabilizing short cylinders in free flight at Mach numbers 0.2, 0.4, and 0.6 Final report	1970
19700096373	Wideband recorder/readout system Final report	1970
19700096374	Project briefs, active projects	1970
19700096375	Flow-field characteristics and aerodynamic loads on external stores near the fuselage and wing pylon positions of a swept-wing/fuselage model at Mach numbers of 0.25 and 0.70 Final report, 5-10 May 1970	1970
19700096376	The use of scale models to measure electromagnetic environments for air launched weapons with respect to HERO	1970
19700096377	Fast reactor newsletter	1970
19700096378	Microminiature multiplane interconnections, voice security, volume 1 Final report, 1 Jul. 1967 - 28 Feb. 1968	1970
19700096379	Test report for check valve, 1/2-inch, 10,000 psig, American Instrument Company P/N C44-11396	1970
19700096380	Apollo electroluminescent /EL/ panel, electrical characteristics	1970
19700096384	Thrust measurement for lance engine testing, extended range lance tests through test no. 6922	1970
19700096385	Manufacturing methods for producing large, close tolerance, thin-walled titanium shapes for aircraft structural applications Interim engineering progress report, 16 Feb. - 15 May 1970	1970
19700096386	A bifilar helical antenna with an outer layer of ferrite Interim technical report	1970
19700096387	A study of high performance receiver front ends Interim development report, 1 May - 1 Aug. 1970	1970
19700096388	Production engineering measure on multistage solid-state power amplifiers Quarterly progress report, 6 Jan. - 5 Apr. 1970	1970
19700096390	Project briefs /active projects supplement/	1970
19700096392	Automatic intelligibility techniques Final technical report, Apr. 1969 - Apr. 1970	1970
19700096395	Production engineering measure solid encapsulated semiconductor devices Quarterly progress report, 1 Apr. - 1 Jul. 1970	1970
19700096396	Project briefs, completed projects, supplement 6	1970
19700096404	BE-14-A1 demonstration motor program /U/ Final report	1970
19700096405	Free-air blast measurements of the jelled slurry explosives DBA-22ML and Astrolite A-1-5 /U/	1970
19700096406	Injector/chamber scaling evaluation, Rocketdyne injector development /U/ Final report	1970
19700096408	An aerodynamic study of two-dimensional outward turning aft mounted inlet configurations /U/	1970
19700096411	Bibliography with abstracts on restricted literature on carbon-carbon and related composites /U/	1970
19700096415	Advancement of small gas turbine component technology, advanced small axial compressor. Volume 2 - Addendum, aerodynamic redesign /U/ Final report	1970
19700096416	Investigation of air induction systems for advanced air-launched missiles. Volume 4 - Experimental evaluation of a subsonic ribbed diffuser /U/ Final report	1970
19700096420	Fuel Cell Power System for DSSV. Part 3 - Alternate design pressure balanced FCPS. Volume 10 - Work description for phase 2. Volume 11 - Specifications. Volume 12 - Engineering drawings	1970
19700096421	Review of recent developments - High-strength steels	1970
19700096422	VESIAC monthly bulletin of VELA UNIFORM research publications	1970
19700096423	Melting and casting of lightweight ceramic armor Final report, 1 Jul. 1969 - 31 Mar. 1970	1970
19700096424	US Navy satellite geophysics program Status report, Jan. - Mar. 1970	1970
19700096425	Radiation-hard MOS arrays Final report, 12 May 1969 - 12 Mar. 1970	1970
19700096426	Compressor sensitivity to transient and distorted transient flows Final report, 1 Jun. 1969 - Aug. 1970	1970
19700096429	Analytical sciences division Progress report, 1 Nov. 1969 - 30 Apr. 1970	1970
19700096430	Study of a computer program for determining mode shapes and frequencies of multiple beams Technical report, Sep. 1969 - Apr. 1970	1970
19700096431	Manufacturing methods for Bipolar Micromosaic Large Scale Integrated /LSI/ circuits Interim engineering progress report, 1 May - 31 Jul. 1970	1970
19700096432	Diffusion bonded titanium alloy hollow fan- disk Interim technical report, 1 Jul. - 30 Sep. 1970	1970
19700096433	Retinal injury threshold from argon laser radiation	1970
19700096434	Radiation screening techniques for integrated circuits Technical report, Jan. 1969 - Mar. 1970	1970
19700096435	Isothermal forging of titanium alloy main landing gear wheels Interim engineering report, 1 Apr. - 30 Jun. 1970	1970
19700096436	Electron diffraction studies of gases on single crystal metal surfaces Final report, 1 May 1963 - 31 Jan. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19700096437	Fuel cell power system for DSSV. Part2 - recommended design encapsulated FCPS. Volume 10 - Work description for phase 2. Volume 11 - Specifications. Volume 12 - Engineering drawings	1970
19700096438	Fuel cell power system for DSSV. Part 3 - Alternate design pressure balanced FCPS. Volume 1 - Summary and cross index. Volume 2 - Fuel cell powerplant subsystem. Volume 3 - Fuel cell reactants. Volume 4 - Piping and wiring	1970
19700096439	Atmospheric effects upon laser eye safety, part 1 Final report	1970
19700096440	Finite element stress analysis of orthotropic, layered shells of revolution using a curved shell element	1970
19700096441	Contacting technology for gallium arsenide Final technical report, 19 May 1969 - 19 May 1970	1970
19700096442	Studies on the behavior of nickel-base superalloys at high temperatures Final scientific report, 1 Nov. 1967 - 31 Oct. 1969	1970
19700096444	Preliminary report on the numerical prediction of tides and tidal currents for various wind conditions in the South China Sea	1970
19700096445	Heading reference systems Final report	1970
19700096446	Manufacturing methods for associative processor memory modules Interim technical report, 15 Jan. - 15 Jul. 1970	1970
19700096448	Study of ^{175}Yb in the N, gamma reaction	1970
19700096449	Rapid heating and loading of 7075 - T6 aluminum alloy sheet	1970
19700096450	Device, night observation Final report	1970
19700096451	Study program for advanced communications techniques Final report, 1 Jan. 1969 - 16 Jan. 1970	1970
19700096453	Study of air flow in and above a forest over different terrain Final report, Sep. 1969 - Jul. 1970	1970
19700096454	Review of recent developments. Aluminum and magnesium	1970
19700096456	Aurora earthing system	1970
19700096457	High pressure combustion study of a double - base propellant	1970
19700096460	Hydrogen-oxygen APS engines Monthly technical progress narrative report no. 4	1970
19700096462	Basic failure mechanisms in advanced composites Progress report, May - Nov. 1970	1970
19700096464	Translations on French nuclear, missile, space, and related military developments no. 252	1970
19700096466	Experimental and theoretical investigation of an inertial electrostatic confinement device Annual report	1970
19700096477	The inherent difficulties of employing electrostatic probes in an HF plasma	1970
19700096479	Temperature dependence of the dynamic response of silicon, germanium, and indium antimonide to a pulsed electron beam	1970
19700096480	Fuel cell power system for DSSV. Part 2 - Recommended design encapsulated FCPS. Volume 9 - Plans for phase 2 and reports	1970
19700096481	Investigation of techniques for the development of a seam inspection method for flexible fuel storage container material Final report	1970
19700096482	Magnetocrystalline anisotropy in europium oxide /EUO/	1970
19700096483	Proceedings of the Fifteenth Conference on the Design of Experiments in Army Research Development and Testing	1970
19700096484	Slow bandwidth considerations of the laser- acoustic delay line	1970
19700096485	Reusable Nuclear Shuttle /RNS/ configuration and interface study	1970
19700096486	Review of recent developments. Refractory metals	1970
19700096487	Navy technological projections. Part 1 - Scientific opportunities, appendix A, supplement	1970
19700096489	Status report - US Navy satellite geophysics program Technical memorandum, Oct. - Dec. 1969	1970
19700096491	Translations on French nuclear, missile, space, and related military developments, no. 253	1970
19710000572	Model of variations in density of the earth's atmosphere at altitudes of 30-80 km	1970
19710000603	Luminescent phenomena on the moon and in interplanetary space	1970
19710000604	The luminescent and thermoluminescent properties of granite and its constituent minerals and their relevance to transient lunar phenomena	1970
19710000605	Low-temperature thermoluminescence of Apollo 11 material	1970
19710000606	Lunar sample luminescence	1970
19710000607	Thermoluminescence-chemical composition correlations for meteoritic enstatite	1970
19710000608	Characterization of non-luminescent, near- insulating solids	1970
19710000609	Luminescence of oxides by OH activation in hydrogen flames	1970
19710000610	Detailed cathodoluminescence characterization of common silicates	1970
19710000611	Intrinsic cathodoluminescence emission from willemite single crystals	1970
19710000612	The luminescope - A new instrument for studying the electron-stimulated luminescence of terrestrial, extra-terrestrial and synthetic materials under the microscope	1970
19710000613	Laboratory studies of luminescence of rocks and of natural and synthetic inorganic materials	1970
19710000614	Existence and study of lunar luminescence	1970
19710000615	Interpretation of observation data from meteorological satellites	1970
19710000647	Stress distribution around holes	1970
19710000772	Velocity of ordered motion of ionospheric ions at an altitude of 600 km	1970
19710000778	Advanced studies - Plans and programs	1970
19710000779	Environmental requirements - Project Engineering Division	1970
19710000780	Computation and analysis - Data System Division	1970
19710000781	Communications systems research - Telecommunications Division	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710000782	Communications elements research - Telecommunications Division	1970
19710000783	Spacecraft telecommunications systems - Telecommunications Division	1970
19710000784	Spacecraft power - Guidance and Control Division	1970
19710000785	Guidance and control analysis and integration - Guidance and Control Division	1970
19710000786	Spacecraft control - Guidance and Control Division	1970
19710000787	Materials - Engineering Mechanics Division	1970
19710000788	Applied mechanics - Engineering Mechanics Division	1970
19710000789	Advanced projects development - Engineering Mechanics Division	1970
19710000790	Spacecraft data systems - Astrionics Division	1970
19710000791	Polymer research - Propulsion Division	1970
19710000792	Research and advanced concepts - Propulsion Division	1970
19710000793	Liquid propulsion - Propulsion Division	1970
19710000794	Tracking and orbit determination - Mission Analysis Division	1970
19710000795	Systems analysis - Mission Analysis Division	1970
19710000808	A study on a vaporizing combustor for gas turbines	1970
19710000847	Summary of research	1970
19710000848	A comparison of flexible and rigid ring baffles for slosh suppression	1970
19710000849	Experimental and theoretical studies of liquid sloshing at simulated low gravity	1970
19710000850	Simulated low-gravity sloshing in cylindrical tanks including effects of damping and small liquid depth	1970
19710000851	A theory for low-gravity fuel sloshing in an arbitrary axisymmetric rigid tank	1970
19710000853	Lectures on controllability and observability	1970
19710000863	On the relation between elastic and optical anisotropy	1970
19710000864	Phase transition hypothesis for the earthquake occurrence. Part 1 - Observation of elastic shocks during transition of ammonium fluoride	1970
19710000866	Some results of theoretical and experimental studies of mass exchange in life support systems during a one-year medical technological experiment	1970
19710000867	Morphological and cytological aspects of the study of hypokinesia	1970
19710000868	Some questions of designing spacecraft with three-axis orientation	1970
19710000874	The feasibility of using remote sensors for geographic research Final report	1970
19710000876	The statistical structure of outgoing radiation fields	1970
19710000877	Irsite - A new sulfoarsenide of iridium, rhodium, ruthenium and platinum	1970
19710000883	Determination of euglobulin lysis time with the lysograph	1970
19710000885	On the uniform asymptotic stability of functional differential equations of the neutral type	1970
19710000887	Some problems in designing radio interferometers with independent reception	1970
19710000893	Peculiarities of the human heat exchange under reduced atmosphere pressure and sufficient oxygen supply	1970
19710000894	Homeostasis during weightlessness	1970
19710000895	Results of biological studies performed aboard the Zond-5, 6, 7 stations	1970
19710000902	A class of neutral equations with the fixed point property	1970
19710000903	On the existence of generators for certain AFL	1970
19710000909	Double scattering in the process of quasi-elastic interaction of pions with deuterons	1970
19710000910	Sensitivity algorithm for a random error in Kalman filter and predictors	1970
19710000919	Problems of space biology. Volume 10 - Nerve mechanisms of vestibular reactions	1970
19710000948	Multiple mirror antenna design for the RT-22 FIAN radio telescope	1970
19710000949	On the continuous recording of fibrinolysis	1970
19710000952	Computer-aided design of linear networks in the frequency domain Final report	1970
19710000971	Circadian development of rectal and cutaneous temperature in man while at rest in a controlled environment	1970
19710000992	Background pressbriefing - US and USSR cooperation in space - News release	1970
19710001025	Influence of vestibular stimulation and display luminance on the performance of a compensatory tracking task	1970
19710001106	Mathematical programming and the control of Markov chains	1970
19710001401	Preliminary thermodynamic trials of the helium-cooled reactor fuel element loop LV 17 with natural circulation cooling	1970
19710001453	Scientific results of the flight of the Yantar automatic ionospheric laboratory, part 3	1970
19710001463	Observations of Jupiter, Venus, and source 3C 273 at 2 and 8 mm wavelengths	1970
19710001487	A pressure scanning Fabry-Perot magnetometer	1970
19710001491	Nonparametric and linguistic approaches to pattern recognition	1970
19710001511	Machine analysis of infrared cloud images obtained by the Cosmos-122 satellite	1970
19710001516	Infrared pictures of cloud cover taken by the Cosmos-122 satellite	1970
19710001520	Analysis of the wind-field pattern in cyclones, using television pictures of cloud cover taken by the 'Cosmos-122' satellite	1970
19710001632	Studies of the sulphur-mat formation and the sulphur bacteria of the hot mineral springs of Yumoto near Nikko	1970
19710001816	Introduction to guide-like structure research	1970
19710001817	Comparative study of fence guide fields	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710001818	Experimental determination of the Q-values of two fence guide resonators	1970
19710001819	Dielectrically loaded parallel-wall guide	1970
19710001820	Effects of surface roughness at millimeter waves	1970
19710001821	Measurements on microstrip lanes	1970
19710001842	Processing of actinometric data by the "Cosmos-122" satellite	1970
19710001918	Measurements of the daytime airglow in the 1800-6000 A region by the Cosmos-224 satellite	1970
19710001939	Poincare's hydrodynamic analogy in celestial mechanics	1970
19710001948	Investigation of the P-wave velocity and compressive strength of Bulgarian rock specimens at hydrostatic pressures up to 9000 kg/sq cm	1970
19710001949	Effect of high pressure on the P-wave velocity in gneisses and crystalline schists of northwestern part of the Kola Peninsula	1970
19710001956	The influence of temperature on elasticity modulus of rocks at high pressure	1970
19710001957	Study of the elastic properties of rocks in the Pechenga region of the Kola Peninsula at high pressures in relation to its deep structure	1970
19710001959	Investigation of electrical resistance of basic, ultrabasic and alkaline rocks and minerals at high pressures and temperatures	1970
19710001960	Calculation of parameters of a cavitating flow in hydraulic systems	1970
19710001963	Velocities of longitudinal waves at high hydrostatic pressures in metamorphic, effusive and sedimentary rock specimens from central Kazakhstan	1970
19710001964	Velocities of longitudinal waves at hydrostatic high pressures in intrusive rock specimens from central Kazakhstan	1970
19710001965	Electrical conductivity of igneous rocks of the Kola Peninsula at high temperature	1970
19710001972	Wave clouds associated with obstacles, observed from artificial earth satellites	1970
19710001975	Velocities of elastic waves at pressures up to 10000 kg/sq cm in chlorite shales from south Sakhalin	1970
19710001976	Electrical properties of sedimentary rock under hydrostatic pressure	1970
19710001984	A study on hot spot factors and the degree of uncertainty in thermal design of reactor cores	1970
19710001990	Convective cloud cells as observed from artificial earth satellites	1970
19710002023	Investigation of the frequency dependence of electrical properties of igneous rocks from the Kola Peninsula	1970
19710002024	P-wave velocities at high pressures in liquid- containing sedimentary rocks of the Carpathian Area	1970
19710002057	Method of successive approximations for the integration of equations of a laminar multi- component boundary layer with chemical reactions including ionization	1970
19710002061	Report of the meeting of the Permanent International Association of Highway Congresses, Technical Committee for Skidding	1970
19710002076	An analysis of the vibration environment at Northrop's Norwood, Mass. test facility with application to gyro testing	1970
19710002201	Analysis of measurements of wide-sector instruments aboard the Cosmos-122 satellite	1970
19710002209	Electrical conductivity of rocks of Kazakhstan at high temperatures	1970
19710002259	Contribution to the Study of the Fission-Gas Release in Metallic Nuclear Fuels	1970
19710002428	Test of a superconductive magnetic system with a field of H approximately equal to 20 kOe on board a satellite	1970
19710002432	Results of diagnostics of carbon elements formed in various geological processes	1970
19710002530	Small disturbances of vertical velocity in an asymmetric atmospheric vortex	1970
19710002542	Geothermal investigations as one of the methods for determining the subsurface structure of petroliferous and gas bearing regions	1970
19710002561	Gas-film seal, type A, appendix A	1970
19710002562	Oil-film seal, type B, appendix B	1970
19710002563	Analysis of self-acting geometry /Rayleigh step lift pad/ for gas film seal, appendix C	1970
19710002564	Sealing dam design analysis, appendix D	1970
19710002570	Experimental studies on the discharge propagation of exploding wires in a high vacuum and determination of the developing plasma properties	1970
19710002574	Some characteristics of the laser beam erosion of materials	1970
19710002631	Speech by George M. Low, Acting Administrator, National Aeronautics and Space Administration, at the Eighth Annual Briefing on New Horizons in Science - News release	1970
19710002744	Computation of the pressure field induced by the oscillation of a control surface in subsonic flow	1970
19710002753	Some results of the flight of the Soyuz 9 spacecraft	1970
19710002754	Dispersion of fast fluctuations in the deceleration of satellites at different altitudes	1970
19710002759	Atmospheric refraction and reflection in sonic booms	1970
19710002808	Determination of the composite errors in the visual tracking of satellites	1970
19710002809	Preliminary results of determination of the Nikolajev-Helvan space direction	1970
19710002826	The functional synchronization of the neurosecretory cells of the supra-optical nucleus of the dehydrated and rehydrated rat - Ultrastructural study	1970
19710002850	Consumption of O2 in an isolated rat intestine deprived of adrenals	1970
19710002923	Investigation of the passage of superlong radio waves through the ionosphere to the artificial earth satellite Cosmos 142 - Preliminary results	1970
19710002941	The historical development of rockets and the purpose and limits of technology	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710002942	The moduli of elasticity of pyrite	1970
19710002948	Calculation of the instants when an artificial satellite crosses a certain celestial circle	1970
19710002991	Digital analysis of random data records by piecewise accumulation of time averages	1970
19710003062	A Compact Transistorized Pulse Unit	1970
19710003081	Luna-16 Soil Samples	1970
19710003124	Cadmium Sulfide Deposition Study	1970
19710003145	Real-time data processing and orbit determination on the Apollo tracking ships	1970
19710003182	Survey of accidents at the air separation plants	1970
19710003186	A plate-holder for the NAFA-3S/25 camera	1970
19710003195	Some thermodynamic constants of alkali metaniobates and metatantalates	1970
19710003200	Some results of the examination of the satellite camera AFU-75 at the Uzhgorod tracking station	1970
19710003219	The elastic parameters of rocks at high pressure and the structure of the Kola Peninsula granulitic complex	1970
19710003220	Photographic observation of satellites using the K-24 aerial camera with Polaroid film	1970
19710003272	Research on geotropism	1970
19710003273	Determination of short-term variations in atmospheric density from quasi-synchronous visual observations of artificial earth satellites	1970
19710003274	Rate of erosion in strato-volcanoes in Japan	1970
19710003302	Review of holographic instrumentation at Ames Research Center	1970
19710003303	Holography in the Test and Evaluation Division at Goddard Space Flight Center	1970
19710003304	Review of holographic instrumentation at Jet Propulsion Laboratory	1970
19710003305	Review of holographic instrumentation at Marshall Space Flight Center	1970
19710003306	Review of holographic instrumentation at Langley Research Center	1970
19710003307	Holographic techniques for the analysis of steady-state and transient vibrations	1970
19710003308	Holographic instrumentation studies	1970
19710003309	Investigation of optical memory techniques	1970
19710003310	Applications of holography to applied mechanics	1970
19710003311	Instrumental holographic techniques	1970
19710003312	Applying holography to reacting-spray studies	1970
19710003313	Optical processing of microwave signals for nondestructive testing	1970
19710003314	Holographic interferometry as a means of measuring small linear and angular displacements	1970
19710003315	Nondestructive testing by holographic interferometry	1970
19710003316	Nondestructive testing by optical cross-correlation	1970
19710003317	Onboard optical processing	1970
19710003318	Fringe stabilization for holography	1970
19710003319	Flash holography applied to fluid heat-transfer phenomena	1970
19710003320	A holographic flow visualization system	1970
19710003321	Interim tests on a holographic technique for photographing high-speed mil-size particles	1970
19710003322	Optical data processing	1970
19710003323	Review of holographic instrumentation at Wallops Station	1970
19710003324	The effect of object motion in Fraunhofer holography with application to velocity measurements	1970
19710003521	Intensity distribution in the Echo-2 spectrum	1970
19710003827	Refractory-alloy requirements for space power systems	1970
19710003828	Development of high strength tantalum base alloys	1970
19710003829	Thermal stability of refractory metal alloys	1970
19710003830	Creep behavior of refractory alloys in ultrahigh vacuum	1970
19710003831	Effect of heat treatment on creep properties of the tantalum base alloy ASTAR-811C	1970
19710003832	High frequency fatigue properties of TZC and T-111 alloys	1970
19710003833	Fabrication of T-111 test loop systems	1970
19710003834	T-111 alloy cracking problems during processing and fabrication	1970
19710003835	Weldability of tungsten base alloys	1970
19710003953	Nuclear emulsion recordings of the astronauts' radiation exposure on the first lunar landing mission Apollo 11	1970
19710003978	Tunneling spectroscopy in degenerate p-type silicon	1970
19710004007	Tracking and data acquisition - News release	1970
19710004033	Towards automatic program synthesis	1970
19710004053	Electronic parts screening	1970
19710004102	Modern Ballistic Ranges and Their Uses	1970
19710004103	The Light-Gas-Gun Model Launcher	1970
19710004104	Model and Sabot Design and Launching Techniques	1970
19710004105	Terminal Ballistics	1970
19710004106	Counterflow Facilities	1970
19710004107	Systems for Measurement of Model Position, Attitude, and Velocity	1970
19710004108	Aerodynamics of Bodies from Motion Analysis	1970
19710004109	Shadow, Schlieren, and Interferometer Photographs and Their Use in Ballistic Ranges	1970
19710004113	Convective-Heating Measurements	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710004245	Worldwide oceanic wind and wave forecasts using a satellite radar-radiometer	1970
19710004292	Fundamentals of the theory of turbines operating on wet steam	1970
19710004293	Use of a vortex model to estimate the accuracy of a determination of the turbulent characteristics of shear flows by the photographic method	1970
19710004318	Fluid mechanics - Determination of the characteristics of vortex streets associated with a uniform initial velocity profile	1970
19710004393	Polycythemia in subjects engaged in underwater activity	1970
19710004580	Kinematics of inertial navigation systems	1970
19710004595	Some principles of removal of material from metals under the action of laser radiation	1970
19710004652	Direct, durable capture of 1 to 8 MeV solar alpha particles into geomagnetically trapped orbits	1970
19710004713	New materials and new designs for aircraft turbine engines	1970
19710004964	Communications of the Lunar and Planetary Laboratory, volume 8, part 4	1970
19710005006	Physiopathological respiratory evaluation in subjects practicing underwater activity	1970
19710005008	Clinical evaluation of rheography carried out under water on subjects practicing underwater activity	1970
19710005157	Biological effect of microwaves in occupational hygiene	1970
19710005259	Fifty years of Soviet aircraft construction	1970
19710005343	Characterization of TIG welds in 12-5-3 maraging steel plate with application of a new scaling method for K sub lc plasticity corrections	1970
19710005364	Physical properties of some rocks of India and Ceylon and their absolute age	1970
19710005477	Description of the DSN	1970
19710005478	Description of DSN Systems	1970
19710005479	Planetary Flight Projects	1970
19710005480	Tracking and Navigational Accuracy Analysis	1970
19710005481	Communications Systems Research	1970
19710005482	Communications Elements Research	1970
19710005483	Supporting Research and Technology	1970
19710005484	SFOF Development	1970
19710005485	GCF Development	1970
19710005486	DSIF Development	1970
19710005487	DSN Operations	1970
19710005488	SFOF Operations	1970
19710005489	DSIF Operations	1970
19710005490	Facility Engineering	1970
19710005559	Thermal conductivity of refractory materials	1970
19710005701	Strength and creep of laminated plastics	1970
19710006948	Correction for series resistance in ac polarography	1970
19710006975	Apollo RCS Positive Expulsion Tankage Product Improvement Program - Correlation of Referee Fluid and Propellant in Vibration Testing, Final Report, Jul. 1967 - Sep. 1969	1970
19710007027	Air density distribution in the stratosphere	1970
19710007194	Effect of dc polarographic maxima on ac waves	1970
19710007261	The effect of a liquid food diet on human subjects in a Life Support Systems Evaluator Final report, 5 Apr. - 18 May 1965	1970
19710007556	Some recent trends and advances in molecular beam research	1970
19710007834	The use of the scanning electron microscope as a semiconductor production line quality control tool	1970
19710008578	Leadership, cooperation and identity. Can we learn anything from the USA's 'Moon project' /ques/	1970
19710009398	Mariner Mars 1971 project	1970
19710009399	Mariner Venus-Mercury 1973 project	1970
19710009400	Viking project, orbiter system and project support	1970
19710009494	Gravity of light in the gravitation theories of Newton and Einstein	1970
19710009828	On the evolutionary status of stars above the horizontal branch in globular clusters	1970
19710009837	High voltage electron microscopy and electron diffraction of lunar pyroxenes	1970
19710009838	Cell fine structure and function - Past and present	1970
19710009839	High resolution electron microscopy of cell membranes and derivatives	1970
19710009840	High voltage electron microscopy at liquid helium temperatures	1970
19710009841	Mossbauer effect and high voltage electron microscopy of pyroxenes in type B samples	1970
19710009842	Data reduction for information retrieval	1970
19710009924	Integrated maneuvering life support system Final report, 31 May 1968 - 31 Oct. 1969	1970
19710010356	Some recent research with viscous interacting flow in hypersonic streams	1970
19710010357	Review of the method of integral relations applied to viscous interaction problems including separation	1970
19710010359	Supersonic turbulent boundary layer interaction with a compression corner at very high Reynolds number	1970
19710010727	Molecular contamination in environmental testing at Goddard Space Flight Center	1970
19710010739	Thermal conductivity measurements of a candidate Viking heat shield material after sterilization, and during exposure to vacuum, and to a simulated Martian atmosphere	1970
19710010748	Ultraviolet and charged particle degradation of aluminum and silver coated FEP Teflon second surface mirrors	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710010749	The interaction of low energy electrons with polymeric perfluorinated ethylenepropylene /FEP/	1970
19710010750	The degradation of Alzak by short wavelength ultraviolet radiation	1970
19710010751	The photo response at an alkaline paint interface with aluminum	1970
19710010763	Use of the Ben Franklin submersible as a space station simulator	1970
19710010766	A method to obtain an ultraclean environment	1970
19710010767	A programmable dynamic thermal vacuum system for solar array component testing	1970
19710010771	Ablative heat shields for planetary entries - A technology review	1970
19710010778	Micrometeoroid impact simulation system	1970
19710010779	A space radiation environment simulator for the evaluation of solar cells	1970
19710011628	Overview of RAM Reentry Measurements Program	1970
19710011629	Comparison between predicted and measured blackout boundaries for earth entry of Apollo	1970
19710011653	A shock tube study of plasma alleviation by oxide dust	1970
19710011829	Results of overflights of Chevron oil spill in Gulf of Mexico Final report	1970
19710011864	Advanced studies - Future projects	1970
19710011865	Environmental requirements	1970
19710011866	Computation and analysis	1970
19710011867	Physics	1970
19710011868	Communications systems research	1970
19710011869	Communications elements research	1970
19710011870	Spacecraft telecommunications systems	1970
19710011871	Spacecraft power	1970
19710011872	Guidance and control analysis and integration	1970
19710011873	Spacecraft control	1970
19710011874	Materials	1970
19710011875	Applied mechanics	1970
19710011876	Electronic parts engineering	1970
19710011877	Advanced projects development	1970
19710011878	Spacecraft data systems	1970
19710011879	Space simulation	1970
19710011880	Solid propellant engineering	1970
19710011881	Polymer research	1970
19710011882	Research and advanced concepts	1970
19710011883	Liquid propulsion	1970
19710011884	Tracking and orbit determination	1970
19710013429	Statistical Measurement of Spectral Amplitude and Phase of Atmospherics in the VLF Range	1970
19710013465	Effects of Ionospheric Irregularities on Stabilities of Wave Amplitude and Phase in Space Communication	1970
19710013470	Effect of Atmospheric Variations on High Precision Tracking	1970
19710013597	Functions of the Vestibular System in Human Guidance and Control	1970
19710013614	Interplanetary flight and communication. Volume 1 - No. 1 - Dreams, legends, and early fantasies	1970
19710013677	Weapons Effects Display System /WEDS MOD 2/ - Maintenance manual, volume 4. Part 1 - Fallout display system	1970
19710014389	Table-lookup/interpolation function generation for fixed point digital computations	1970
19710014392	A color-television graph plotter for digital computers	1970
19710014393	Simulation of a classical detection problem - Detection of a phase coherent RF pulse train unknown phase in additive Gaussian noise	1970
19710014395	A proposed hybrid computer method for functional optimization	1970
19710014398	An integrated linear transconductance analog multiplier	1970
19710014610	The use of air photo mosaics as simulators of spacecraft photography in land use mapping	1970
19710014611	Application of remote sensing techniques to water oriented outdoor recreation planning	1970
19710014780	Closed Sabatier oxygen-reclamation system Final report, 1 Mar. - 31 Dec. 1969	1970
19710015348	Space Shuttle Synthesis Program (SSSP). Volume 1 - Part 2 - Program Operating Instructions Final Report	1970
19710015349	Space Shuttle Synthesis Program /SSSP/. Volume 1 - Part 3 - Program output Final report	1970
19710015840	Advanced Low Noise Params	1970
19710016351	Peak power and energy dissipation in a single stroke lightning flash	1970
19710016426	The similarity of bubble growth in boiling and electrolysis	1970
19710016437	Mode coupling conditions in the ionosphere for solar rays received at Stanford	1970
19710016741	Calibration of Low H2O meter	1970
19710016953	Consideration of bias in linear estimation	1970
19710017304	Alternate Space Shuttle Concepts Volume 2 - Concept Definition, Planning and Cost Data. Part 1 - Concept Analysis and Definition/ Appendices A and B	1970
19710017357	The Mechanism of Contact Fatigue	1970
19710018249	Greatly increased practical usefulness of two person game theory by adoption of median criterion	1970
19710019620	Statistical determination of safety factor requirements for untested structures from Saturn 5 test data	1970
19710019621	Modal analysis of structures by an iterative Rayleigh-Ritz technique	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710019622	Flow induced vibrations in metal bellows	1970
19710019623	NASTRAN, NASA's general purpose structural analysis program	1970
19710019624	Skylab docking response analysis	1970
19710019625	Payload enclosure noise reduction	1970
19710019626	S-2 stage vibration testing and analysis for the POGO phenomena	1970
19710021442	On the motion of charged particles in a plasma in the presence of a magnetohydrodynamic shock wave	1970
19710021561	The antisymmetric diurnal tide	1970
19710021597	Study of the interactions between the different wind components in the upper atmosphere	1970
19710021605	Problems associated with the graphic interaction of operator-computer	1970
19710021607	Diurnal variations in the fluctuations of electron density in the ionosphere of the Northern Hemisphere	1970
19710021608	Visual estimates of the twilight sky color from the Soyuz-5 spaceship observations	1970
19710021609	Spectral evidence of outflow of molecular hydrogen in the region of Aristarchus	1970
19710021612	A model of the interaction between the solar wind and an interstellar medium	1970
19710021613	Rotational discontinuities in the solar wind	1970
19710021615	Association of olivine, garnet and chrome-diopside in a Yakustk diamond	1970
19710021676	New information on planetary atmospheres /symposium in the United States/	1970
19710021686	Development of polar storms	1970
19710021691	A study of high performance antenna systems for deep space communication	1970
19710021693	Periodic and almost periodic solutions of differential systems	1970
19710021702	A significant satellite relativity experiment without an atomic oscillator	1970
19710021751	Rotation of the horizontal velocity vector in atmospheric tides	1970
19710021777	The effect of cosmological expansion of self-gravitating ensembles of particles	1970
19710021791	The spectral structure of the radiative heat flux	1970
19710021793	Comparison of the calculated values of the atmospheric longwave radiation balance and its components with the data obtained by satellite and radiosonde measurements	1970
19710021796	Encapsulation procedure Eccofoam FPH 12-4H EOLE modules	1970
19710021829	Experimental demonstration of the existence of a hydrogen ion flux in the exosphere	1970
19710022015	The need for weather satellite observations and Japan's weather satellites	1970
19710022142	Lighting factors affecting the visibility of a moving display	1970
19710022351	Geodetic satellite data service reduced data received and processed as of 15 June 1970	1970
19710022352	The 1969 Smithsonian standard earth and global tectonics	1970
19710022353	Tests and comparisons of gravity models using camera observations of GEOS-1 and GEOS-2	1970
19710022354	Comparison of the SAO-1969 gravity field with surface gravity	1970
19710022355	Derivation and tests of the Goddard combined geopotential field /GSFC 1.70-C/	1970
19710022356	Reduction of errors in computed satellite orbits due to uncertainties in gravity coefficients	1970
19710022357	Comparison of geopotential models for GEOS-1 ephemeris prediction	1970
19710022358	NASA STADAN, SPEOPT, and laser tracking station positions derived from GEOS-1 and GEOS-2 precision reduced optical and laser observations	1970
19710022359	NAD survey adjustments from short arcs using GEOS-1 observations	1970
19710022360	Improvement of the GEOS-1 North American tracking network from multiple short arc geodetic adjustments	1970
19710022361	Analysis of geodetic satellite /GEOS 1/ observations in North America	1970
19710022362	Experiments with wild BC-4 photographic plates	1970
19710022363	Experiments with the use of orbital constraints in the case of satellite trails on wild BC-4 photographic plates	1970
19710022364	Experiments with SECOR observation on GEOS-1	1970
19710022365	Comparisons of independent investigator's survey adjustments on the NAD using GEOS data	1970
19710022366	Estimates of C band radar station positions and intersite distances	1970
19710022368	Comparison of C-band, SECOR, and TRANET with a collocated laser on 35 tracks of GEOS-2	1970
19710022369	Carnarvon laser collocation experiment /CALACO/	1970
19710022370	Laser/laser comparisons from the GORF, ARLACO, and GOLACO tests	1970
19710022371	Refraction studies using the WICE data	1970
19710022372	GEOS-2 quality assurance and data validation	1970
19710022373	Ionospheric corrections based on VHF range and range rate measurements	1970
19710022374	A two laser collocation experiment	1970
19710022375	Minitrack self calibration	1970
19710022376	An intercomparison of Navy TRANET Doppler data and optical data from the GEOS-1 satellite	1970
19710022377	Global C-band radar network calibration utilizing GEOS-2 satellite	1970
19710022378	The Jupiter camera intercomparison test	1970
19710022379	GEOS-1 and GEOS-2 MOTS camera operations, data analysis and experiments	1970
19710022381	Future uses of laser tracking	1970
19710022382	AFCRL laser-satellite geodesy and future plans	1970
19710022383	A photographic technique for improved laser-ranging accuracy	1970
19710022384	Some comments on the present and future value of geometric satellite geodesy	1970
19710022385	Goddard mobile laser /MOBLAS/ system description	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710022386	Geodetic location of a ship at sea with C-band radar range data	1970
19710022387	Geodetic survey improvement with C-band radar	1970
19710022388	Acoustic data reduction and calibration for the GEOS-2 C-band radar marine geodesy experiment in the Bahamas	1970
19710022389	Near real time radar calibration	1970
19710022390	Ship borne radar tracking for precise ship positioning	1970
19710022395	Air Force use of geodetic satellite data	1970
19710023730	Sector structure of the solar magnetic field	1970
19710024115	Theories of equilibrium figures of a rotating homogeneous fluid mass	1970
19710024242	Cold sea survival	1970
19710024270	Some notes on the development of the hydrodynamic theory of boiling	1970
19710024271	An approach to semiautomated optimal scheduling and holding strategies for air traffic control	1970
19710024731	Emitter follower temperature stability and linearity analysis	1970
19710024765	Central radiation protection division	1970
19710024916	High sensitivity beryllometer	1970
19710024926	A universal, high stability radioionizing detector for gas chromatography	1970
19710024972	Lasers and the reactor ignition problem	1970
19710024987	Influence of initial content of the cooling rate from the beta phase to preferred uranium orientation following heat treatment	1970
19710025023	Irradiation behavior of plastics	1970
19710025082	Contribution of poor exchange weather conditions to the radiation burden of the environment of atomic energy facilities	1970
19710025119	Selfwelding of reactor structural materials in sodium environment at high temperatures	1970
19710025125	Fuel microstructure variation as a consequence of the first irradiation periods and approach-to-power	1970
19710025129	Venting device for sodium cooled fast ceramic reactor fuel elements: Design study and out of pile tests	1970
19710025131	XBWR: A one dimensional xenon transient programme for boiling nuclear reactors	1970
19710025132	Further experiments on the thermal bowing of single rods supported at several axial positions	1970
19710025136	Costax-Boil: A computer programme of Costanza series for the axial dynamics of BWR and PWR nuclear reactors	1970
19710025137	Electronics Department	1970
19710025138	Experimental vibration characteristics of a BWR fuel assembly	1970
19710025139	Determination of the distribution of fission products in fuel particle coatings by the sputtering techniques	1970
19710025178	Superconducting magnet of the CERN bubble chamber	1970
19710025180	Arrangement for automatic magnetic field measurements	1970
19710025181	Developments in cryogenic and superconducting magnets	1970
19710025198	Dosage characteristics of 200 MeV protons	1970
19710025203	Formation of gas bubbles in fissile material during reactor irradiation	1970
19710025204	Standardization of beta-gamma emitters by 4 pi beta-gamma coincidence method	1970
19710025206	Environmental radioactivity at the National Nuclear Research Centre, Pelindaba, 1969	1970
19710025207	Monte Carlo program for calculating the interactions between a nuclear spectrometer and a pulse generator at high counting rates	1970
19710025208	PEAK: A computer programme for the analysis of time of flight spectra	1970
19710025209	Development of a detector with low background for counting light, low energy ions	1970
19710025210	Phonon scattering and induced energy levels in electron-irradiated Sb-doped Ge in the n- to p-type conversion region	1970
19710025211	Exponential decay law of nonstable particle	1970
19710025214	Production of polarized deuterium ions with a Lamb-shift source	1970
19710025216	Polarization of neutrons from the H-3(d,n)He-4 reaction at low deuteron energies	1970
19710025218	On the calculation of D sub Lambda in the phase-shift approximation	1970
19710025219	Low, intermediate, and high energies in the Veneziano model for the KN scattering	1970
19710025224	Certain characteristics of fast deuteron interactions with nuclei	1970
19710025230	Calibration of beam monitors	1970
19710025231	PDP-9 programs for INS FM analyzer. 1: FMMASZ, FMMAEZ, FMMACZ, FMANLZ, and FMMASQ	1970
19710025232	PDP-9 programs for INS FM analyzer. 2: QVSPAC and QVCSA	1970
19710025234	Generalization of eikonal approximation	1970
19710025236	Estimate of the error between B sub (N plus 1) and B sub N approximations	1970
19710025237	Method of direct measurements of the capture cross section ratio to the fission cross section	1970
19710025239	Monte-Carlo method for evaluation of the efficiency of a boron-Nal counter	1970
19710025245	Eikonal model for high energy elastic scattering	1970
19710025246	On the many baryon resonances	1970
19710025247	Effects of synchrotron radiation on the slow ejection of electrons from synchrotron	1970
19710025248	Use of semiconductor telescopes for detecting the recoil nuclei in protonlight nucleus coherent scattering at high energy	1970
19710025251	TIMOC: A general purpose Monte Carlo code for stationary and time dependent neutron transport	1970
19710025256	FIDEL: An optical model search code with spin orbit terms for spin-1/2 and spin-1 particles	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710025257	HAUSER: A computer code for the calculation of compound nucleus cross sections using the Hauser-Feshbach theory	1970
19710025304	Velocity distribution of anisotropic deuterium plasmas from time-resolved neutron spectra	1970
19710025331	PDP-9 programs for INS FM analyzer. 3: CKSPAO	1970
19710025332	Emission of delayed neutrons: Calculation of energy spectra and of precursor emission probabilities	1970
19710025353	Sextupole lenses with improved nonlinearity in slow ejection systems	1970
19710025358	Lithium isotopic analysis on recording Fabry-Perot spectrometer	1970
19710025360	Elastic and inelastic scattering of neutrons in the energy range 1.0 to 5.0 MeV by natural molybdenum	1970
19710025364	On divergences of amplitudes of weak nonleptonic processes with the photon emission	1970
19710025410	Skin effect in high energy z-discharges	1970
19710025411	Calculation of the flux of fast neutral particles from a cylindrical, high-temperature plasma	1970
19710025421	High frequency heating of plasma at frequencies near the lower hybrid frequency	1970
19710025422	Collective deceleration of a beam of energetic relativistic electrons in a dense plasma target	1970
19710025428	Investigation on preionization for toroidal high beta experiments	1970
19710025429	Studies of diffusion of dense disintegrating plasma in a stellarator	1970
19710025432	KRISTALL program for studying dynamics of radiation damage in crystal lattices	1970
19710025434	Application of superconductors in microwave techniques: Oscillators, particle accelerators	1970
19710025491	Cosmic ray NM-64 neutron monitor data. 17: Monthly graphs, September - December 1970	1970
19710025694	Description of the Institute and works performed during the summer of 1969	1970
19710025871	Use of superconductors for energy storage and discharge	1970
19710025872	Experience in large capacity high voltage switches for BSG project	1970
19710026312	On the columnar grain growth in the center line heated UO ₂ pellet	1970
19710026313	Phase study of the system UO ₂ -Dy ₂ O ₃	1970
19710026314	Code of design for research apparatus containing molten sodium	1970
19710026321	Observations demonstrating the re-solution of gas from bubbles and sintering pores during the irradiation of UO ₂ at a high temperature	1970
19710026322	Stress intensity factors for curved notches in longitudinal shear	1970
19710026334	Water chemistry studies: Chemical analysis manual for moderator and coolant water systems	1970
19710026393	Analysis of methods for interpreting bremsstrahlung spectra	1970
19710026394	Excitation functions for the nuclear reactions Tb-159(d,p)Tb-160 and Tb-159(d,n)Dy-157	1970
19710026396	Mean recoil, isomer ratio, and excitation functions for reactions induced by alpha particles in rubidium	1970
19710026398	Tables of magnetic structures determined by neutron diffraction. Part 2: Tetragonal system	1970
19710026405	Studies of analog states of T equals 2 in Mg-26(He-3,n)Si-28, Ti-46(He-3,n)Cr-48, and Ni-58(He-3,n)Zn-60 reactions	1970
19710026406	Resonance integrals for neutron activation of Zn-64, Zn-68, Rb-85, Mo-100, Ru-102, In-113, Sb-123, and Hf-180	1970
19710026407	Compilation of cross sections. 6: Negative pion induced reactions	1970
19710026408	Invariants of the rotation group	1970
19710026410	Multi-group constants for fission product nuclides	1970
19710026414	Invariance of the nonrelativistic wave equations in the presence of electromagnetic field	1970
19710026422	Reactions induced in gold by deuterons with energies between 10 and 70 MeV	1970
19710026427	Some notes on particle identification using the ORTEC 423 identifier	1970
19710026433	Classical theory of atomic collisions. 2: Elastic atomic collisions	1970
19710026434	Low gamma-sensitivity boron proportional counter	1970
19710026435	Effects of high flux neutron irradiation on the microstructure of metals	1970
19710026438	Mutron project (proposal)	1970
19710026441	Modified WKB method, 2	1970
19710026442	Dimensions and form of the light nuclei with the surplus of neutrons	1970
19710026448	Rhythmic activation analysis	1970
19710026453	Transmission and radiation damage phenomena in ion bombardment of thin foils	1970
19710026477	Theoretical structural level and absolute transition probabilities in deformed nuclei of uneven mass numbers	1970
19710026479	Decay scheme of 1.3 h Ta 174	1970
19710026480	Fast analysis by 14-MeV neutron activation of fluorine deposits on the vegetation in a polluted area	1970
19710026498	He 4 final state interactions and quasifree scattering in deuteron-induced three-particle reactions on Li-6	1970
19710026499	Riemann method in the inverse problem, 4	1970
19710026569	Forced and free oscillations. Some aspects of longitudinal plasma waves	1970
19710026572	Vlasov description of a super-critical magnetoacoustic compression pulse	1970
19710026573	Hall effect in plasma oscillations	1970
19710026574	Electromagnetic plasma wave propagation along a magnetic field	1970
19710026581	Probe method for recording ions produced by laser radiation in post luminescence discharge plasma	1970
19710026605	Penetration of the magnetic induction, electric field, and losses in impure superconductors of the second kind with surface currents	1970
19710026606	Technical-economic information on superconductors and conductors for high field magnets	1970
19710026607	Phonon scattering in gallium antimonide. The effect of zinc and tellurium doping and electron irradiation	1970
19710026691	Physics and astrophysics	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710027291	More information relating to the high altitude use of color infrared film	1970
19710027292	Automatic timing of the neutron generator counting station	1970
19710027293	Instruments for measurement of the spectral lines profile and shift	1970
19710027390	Metallurgy of superconductors. New superconducting materials and some developments	1970
19710027569	Sorption of antimony by silica gel from nitric acid and hydrochloric acid solutions	1970
19710027572	SAVE: A two group code for reflector savings of a completely reflected cylindrical reactor	1970
19710027573	Multigroup multiregion criticality calculation diffusion code	1970
19710027578	Theoretical study of the effect of temperature on reactivity of EK-10 type reactors applying three-group theory	1970
19710027579	NEMI: A physical mathematical model for sodium boiling in a heated channel	1970
19710027580	Irradiation experiment for testing spherical fuel elements for high temperature reactors (test SK 1 in Studsvik R2)	1970
19710027581	Problems about fuel cladding materials	1970
19710027598	Remote measurements of instantaneous rate of uniform corrosion of aluminum alloys in water by method of polarisation resistance	1970
19710027661	Reactions (d,alpha) with Fe-54 and V-51	1970
19710027663	Measurements of angular correlation of neutron spin and antineutrino momentum in the decay of polarized neutrons	1970
19710027665	Increase of the effectiveness of synchronized capture during bunching of the beam outside the separatrix	1970
19710027671	Lepton decay of the hypernucleus H-3	1970
19710027674	RAM-1, multigroup neutron diffusion code for the IBM-1130	1970
19710027675	Thermal neutron capture gamma rays in iron	1970
19710027676	Estimation of energy and mean inelasticity of nuclear interactions at energies above 3×10 to the 12th power eV using a simplified version of ionization spectrometer	1970
19710027677	Monte Carlo simulation of the nuclear-electromagnetic cascade developing in an ionization spectrometer	1970
19710027678	Distributions and mean values of inelasticity coefficient K for neutral pions for lead and graphite	1970
19710027682	Measurement of the polarization parameter in high-energy kaon proton elastic scattering	1970
19710027685	Cross sections of nuclear fission by photons with up to 5 GeV Energies: Hyper-giant resonances in photonuclear reactions	1970
19710027686	Absolute, convective and global instabilities, amplification and non-transmission of vibrations	1970
19710027691	Energy resolution of multiplying semiconductor detectors for soft gamma spectroscopy at room temperature	1970
19710027697	Study and development of an ion decelerator and its application to collision problems	1970
19710027701	Fission investigation using on-line mass spectrometry	1970
19710027703	Determination of micro amounts of elements contained in natural water by means of neutron activation analysis	1970
19710027728	Study of isobaric analogue states between 4 and 8 MeV for the reaction Ca-48(p,p)Ca-48	1970
19710027729	Influence of thickness and scattering angle on the stopping cross sections of nitrogen, neon, and argon ions in thin carbon foils	1970
19710027730	Calculation of the internal structure of nonlaminar axially symmetric intensive beams of charged particles	1970
19710027732	Logic of conclusive explication of the quantum theory	1970
19710027746	Electrostatic systems for ion transport	1970
19710027773	Electron scattering on nuclei: A brief review	1970
19710027774	Models of the elastic scattering of alpha particles	1970
19710027796	Experiments with a linear I equals 1 high-beta stellarator on Isar I	1970
19710027800	Study of electromagnetic surface waves in adjacent plasma flows	1970
19710027801	Axially symmetric waves in vacuum channel in plasma	1970
19710027802	Study of longitudinal nonlinear oscillations of a hot electron magnetic plasma	1970
19710027803	Study of dynamics of the theta-pinch discharge with a superimposed azimuthal magnetic field	1970
19710027804	Experimental studies on shock waves propagated through a longitudinal magnetic field in electrodeless discharge tubes	1970
19710027805	Experimental studies on magnetically driven shock wave passing through a longitudinal magnetic field	1970
19710027812	Circuits for studying interactions of high frequency fields with plasma in linear installations	1970
19710027815	Mass-energy analysis for highly ionized steady state plasma	1970
19710027830	Nonlinear echo phenomena in plasma	1970
19710027831	Measurement of the density of a plasma with the aid of an open resonator	1970
19710027861	State of the art of producing strong magnetic fields	1970
19710027862	Superconductivity	1970
19710028155	Radioactivity survey data in Japan	1970
19710028338	Experimental activities at Bonn, high energy experiments below 1 GeV	1970
19710028412	Columnar Electron Content up to the Plasmasphere	1970
19710028473	Development and study of multiple anode halogen Geiger-Mueller counters	1970
19710028474	Precision of an optical spark chamber with wire electrodes	1970
19710028475	Heavy gas-liquid mixture bubble chamber of 70 liters volume with hydrogen internal target	1970
19710028526	Rapid contamination signaling system	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710028587	Report on the question of the most advantageous excitation voltage for X-ray microanalysis	1970
19710028589	Properties of stainless steel 1H18N9T after aging in the power reactor temperature ranges. Part 2: Microstructure	1970
19710028602	Corrosion properties of steel in stationary molten lead	1970
19710028605	Measurement of the temperature with metal monitors using surface tension in the range 780 C to 1555 C	1970
19710028712	The Casaccia Center for Nuclear Studies, 1968	1970
19710028715	Physical processes controlling weather and climate	1970
19710028740	Nuclear superheat reactor Kahl (HDR), research and development program (Phase B)	1970
19710028741	JFM: A code for the JMTR fuel accountability	1970
19710028742	Investigation of the natural frequency of the normal and elongation function, and of the damping of the instrumented model fuel rods of the Na 1/2 model subassemblies	1970
19710028745	Mechanical behaviour of complex structures in presence of creep, thermal strains and irradiation-induced dimensional changes	1970
19710028747	Fast breeder fuel processing pyrochemical head end study	1970
19710028748	Pyrochemical head end conception for fast breeder fuel processing	1970
19710028750	A capsule rig for irradiation of structural materials in the SM-2 reactor with temperature control	1970
19710028751	Determination of some physical properties of loops and experiment holes in the MR reactor	1970
19710028753	A capsule rig for the irradiation of structural materials in the SM-2 reactor with temperature control by variation of gas-gap size	1970
19710028756	Experimental determination of nuclear heating values in SM-2 reactor holes	1970
19710028757	Development of methods and recorders for experimental determination of nuclear heating in high-flux research reactor holes	1970
19710028758	Experience in the operation and use of the IRT-M reactor at the I. V. Kurchatov Institute	1970
19710028760	Thermal flux distribution and reflector saving measurements in UA-RR-1 reactor core	1970
19710028788	Investigation of reprocessing input measurement using tracer technique	1970
19710028791	Research and development work carried out in the Karlsruhe nuclear research center on the steam-cooled fast breeder	1970
19710028806	Theory of magnetic dipole moments of spherical and transition nuclei	1970
19710028835	Binding energy of H-3 and n-d doublet scattering length with rank four separable potential	1970
19710028838	Measurement of the (n, gamma) cross section for Tc-99, Eu, Sm, and Fe in the energy range 1 eV and 50 keV with a slowing-down-time spectrometer	1970
19710028839	Measurement of the ratio of the U-235 and Pu-239 capture and fission cross sections	1970
19710028844	Transmission of slow neutrons in multiple-segment ducts in a water shield	1970
19710028845	Review of hadron symmetries: Multiplets, supermultiplets and infinite multiplets	1970
19710028846	On investigation of reactions in the system of heavy nucleus and two neutrons	1970
19710028847	Three-nucleon problem with repulsive-core potentials	1970
19710028848	Kirkwood-Salsburg equations for the coefficient functions of the scattering matrix	1970
19710028849	Theoretical study of hyperon-nucleon scattering using a many-channel formalism	1970
19710028853	Relative signs of principal elements of the alpha-proton hyperfine coupling tensor in NH sub 2 CONHO	1970
19710028854	Beam-beam effect: The potential in a bi-gaussian beam	1970
19710028855	Compilation of cross sections. 3: Kaon(plus) induced reactions	1970
19710028856	Survey of measurements of the fission neutron spectrum of Cf-252	1970
19710028858	Relative yields of secondary ((p,xn)alpha) reactions on Bi in the range E sub p equals 120-660 MeV	1970
19710028861	Fluctuation factors for theoretical evaluation of average neutron cross sections of fissile nuclei in the unresolved resonances region	1970
19710028863	Study of the Sm-153 yields Eu-153 decay	1970
19710028865	Method for analyzing complex gamma spectra in semiconductor spectroscopy	1970
19710028866	Determination, by neutron-activation and tracer techniques, of the losses of iridium during the fire-assay procedure for the platinum-group metals	1970
19710028869	Compilation of cross sections. 4: Pion(plus) induced reactions	1970
19710028870	Radioactivity survey data in Japan	1970
19710028873	Deck's effect in the reaction pion(minus) proton yields rho(0) meson pion(minus) proton at 4.45 GeV/c	1970
19710028876	A collection of pion photoproduction data. 1: From the threshold to 1.5 GeV	1970
19710028880	Nuclear and solid state physics research	1970
19710028890	Conclusions on the structure of the Gd-153 states drawn from the results of the lifetime measurements	1970
19710028898	On two-component equations for zero mass particles	1970
19710028914	Study of the reactions (He-3,p) with B-11, N-14, and Ne-20, and the excited levels of Na-21 and Ar-41 from the Ne-20(p, gamma) and Ar-40(d, p gamma) reactions	1970
19710028915	To the question of the limiting transition to zero mass and renormalizability in the massive Yang-Mills field theory	1970
19710028920	Penetration of a double potential barrier in fissioning nuclei	1970
19710028922	Effective force for the Nilsson model calculations of the collective nuclear phenomena	1970
19710028933	The decay scheme of Pa-232	1970
19710028976	Radiative energy transport in a plasma reactor (gas-core reactor)	1970
19710029011	Plasma physics and controlled thermonuclear reactions, 1968 - 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710029156	Chemical composition of the solar atmosphere	1970
19710029264	Heat exchange in post burnout. 1: Theoretical considerations on cooling in post burnout. 2: Dependence of heat exchange on the state of two-phase mixtures in the post-burnout regime	1970
19710029278	Experimental investigation of the retardation of boiling of sodium on artificially roughened surfaces	1970
19710029788	Research in U.S.A. on LNG as an Airplane Fuel	1970
19710030860	Effect of ultraviolet on the survival of bacteria airborne in simulated Martian dust clouds	1970
19710038903	Evaluation of a quantal response model with estimated concentrations	1970
19710039228	Aspects of the Apollo 12 Lightning Incident	1970
19710064700	Stress corrosion cracking of titanium alloys - Electrochemical kinetics in aqueous solutions and SCC in molten salts Quarterly progress report, 1 Jan. - 30 Jun. 1970	1970
19710064708	A capacitor for accurate wide range dielectric constant measurements on compressed fluids	1970
19710064718	On the separation theorem of stochastic control	1970
19710064719	Identification of two-player situations where cooperation is preferable to use of percentile game theory	1970
19710064722	Thermal conductivity of polymers	1970
19710064724	Model of the anisotropic energy gap in superconducting zinc	1970
19710064725	Interaction of microwave radiation with a polar gas under conditions of power saturation	1970
19710064738	NASA multidisciplinary research grant Quarterly progress report	1970
19710064739	Fourier and Hadamard image transform 6 channel error tolerance	1970
19710064740	Multidimensional rotations in feature selection	1970
19710064741	Transmission of information by orthogonal functions	1970
19710064742	Energy levels and spectral broadening of neodymium ions in laser glass	1970
19710064743	The performance of suppressed carrier tracking loops in the presence of frequency detuning	1970
19710064744	Technique for the direct observation of residual defect structures in explosive loaded metal cylinders	1970
19710064745	Absorption coefficients of O2 at the Lyman-alpha line and of other O2 transmission windows	1970
19710064746	Digital image transform processing	1970
19710064747	Structure and stability of discrete time optimal systems	1970
19710064748	Bayes and minimax controllers for a linear system with stochastic jump parameters	1970
19710064750	Combustion instability with partial length acoustic liners Research report, 1 Dec. 1969 - 30 Nov. 1970	1970
19710065107	The space and technology transfer program, Quarterly report, Sep. - Nov. 1970	1970
19710065120	A regional technology transfer program Quarterly progress report, 31 May - 31 Aug. 1970	1970
19710065133	Energy transfer in planetary atmospheres - Optical spectroscopic studies Final technical report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710065171	Petrologic history of moon suggested by petrography, mineralogy, and crystallography	1970
19710065244	Rebuttal of the paper 'Dirac Electron in Orthogonal Electric and Magnetic Fields' by L. Lam	1970
19710065250	On classes of n-dimensional nonlinear mappings generalizing several types of matrices	1970
19710065254	Industrial Applications of Laminar Airflow	1970
19710065255	Geometric interpretation of the function $g/c, \mu/$ of neutron transport theory	1970
19710065258	Multidisciplinary research in the space sciences and technology Annual report, 15 Mar. - 14 Sep. 1970	1970
19710065259	Preliminary specification for the lunar sounder HF transmitter-receiver	1970
19710065261	Preliminary specification for the lunar sounder signal switch/conditioner unit	1970
19710065270	Multidisciplinary research in space sciences and statement of allocations for sixth year step funding Project summary	1970
19710065271	Computer-oriented research in the space-related sciences Status report, 1 Mar. - 31 Aug. 1970	1970
19710065272	Part 1 - Magnetic surface states and impedance oscillations for tipped field and general Fermi surface geometry. Part 2 - Perturbation treatment of strong correlations in narrow energy bands	1970
19710065273	Temperature effects on orthotropic structures. Thermal buckling analysis of orthotropic shells Interim technical report	1970
19710065302	Stabilization method of calculating resonance energies - Model problem	1970
19710065303	Elimination procedures for sparse symmetric linear systems of a special structure	1970
19710065309	The study of synchronization techniques for optical communications systems Quarterly report, 1 July - 1 Oct. 1970	1970
19710065349	Lead telluride bonding and segmentation study Final technical report, 26 Feb. 1965 - 15 Oct. 1970	1970
19710065350	The effect of gas concentrations in the diffusion of silicon from a phosphine source	1970
19710065396	Evaluating speech-recognition work	1970
19710065397	Space odyssey of tomorrow - A trip to Mars	1970
19710065426	A hybrid computer study of the dynamics of a tubular chemical reactor	1970
19710065428	The deformations and stresses in floating ice plates	1970
19710065469	Some studies on fuzzy differential games	1970
19710065473	Single vibronic level fluorescence. 2 - Vapor-phase fluorescence spectra from the zero-point level of 1 B2u benzene and benzene-d6	1970
19710065474	Exciton-phonon interactions in molecular crystals	1970
19710065475	Fluorescence and nonradiative transitions from single vibrational levels in the excited singlet state of benzene	1970
19710065551	Crossed beam study of the reaction CO/plus/ plus D2 yields COD/plus/ plus D	1970
19710065585	Progress report, March - July 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710065647	Dust-filled universes of class 2 and class 3	1970
19710065675	Spatially homogeneous world models	1970
19710065676	Proactive inhibition of initial items in short-term recall	1970
19710065688	Miscellaneous project, parts 2-21 Final reports	1970
19710065689	Supersonic flow of nonuniform free-streams past aerodynamic decelerators, part 2 Final report	1970
19710065690	Harmonic vibrations of viscoelastic layered media, part 3 Final report	1970
19710065691	Preparation of glass-ceramic composites by controlled crystallization techniques, part 4 Final report	1970
19710065692	Rotational locks for gravity gradient satellites, part 5 Final report	1970
19710065693	A study of spacecraft powerplant condensers, part 6 Final report	1970
19710065694	The effect of water vapor on the burning rate of aluminum and magnesium wire, part 7 Final report	1970
19710065695	The transient response of a monotube boiler, part 8 Final report	1970
19710065696	Development of a research program on electrical phenomena in ceramic thin films and glasses, part 9 Final report	1970
19710065697	Systems simulation of composition and temperature dependence of dynamic hot corrosion of metal surfaces, part 10 Final report	1970
19710065698	Velocity measurements in thin liquid films flowing on solid surfaces, part 11 Final report	1970
19710065699	A theoretical investigation of low mass meteoroids, part 12 Final report	1970
19710065700	Interaction of Ti 50 with protons and neutrons, part 13 Final report	1970
19710065701	Organo-cobalt oxygen-carrying complexes, part 14 Final report	1970
19710065702	Electrocatalysis of the oxidation of organic fuel materials using an oxidation-reduction couple as catalyst, part 15 Final report	1970
19710065703	Thermal and electrical transport in a tungsten crystal for strong magnetic fields and low temperatures. Geometrical interpretation of the magnetoconductivity of a Fermi ellipsoid. Predicting the galvanomagnetic coefficients of tungsten from Fermi surface data, part 16 Final report	1970
19710065704	Effect of weightlessness on the timing of gene expression and specific enzyme synthesis during the division cycle of higher organisms, part 17 Final report	1970
19710065705	Variable parameter network design, part 18 Final report	1970
19710065706	Normal flora of the adult human, part 19 Final report	1970
19710065708	The effects of restricted movement on protein metabolism and body composition, part 21 Final report	1970
19710065716	Report of activities and expenditures Semiannual report, 1 Apr. - 30 Sep. 1970	1970
19710065773	Web grammars and picture description	1970
19710065828	Some notes on the organization of exoteric universities	1970
19710065829	On the facility, felicity, and morality of measuring social change	1970
19710066054	R2 on E - Some suggestions for research on the role of research in education	1970
19710066057	Preparation for management - An assessment	1970
19710066058	The past's future	1970
19710066083	Some effects of changing technology upon the organization of scientific inquiry	1970
19710066124	An analog computer study of multivariable model simplification	1970
19710066309	Programable digital controllers and insensitive time-optimal digital control Final report, Sep. 1969 - Sep. 1970	1970
19710066434	Theoretical study of reactive fluid flow in heterogeneous combustion processes Final report	1970
19710066645	Optimization of fuel loadings for high power test reactors	1970
19710066814	Studies in planetology, including the collection and interpretation of planetary information Status report, 1 Jul. - 31 Dec. 1970	1970
19710066817	Eighteenth semiannual status report, 1 January - 30 June 1970 and nineteenth semiannual status report, 1 July - 31 December 1970	1970
19710066914	A user oriented automated typing system	1970
19710066932	Moment distribution applied to trussed bents	1970
19710067188	The flow created by a sphere moving along the axis of a rotating, slightly-viscous fluid	1970
19710067400	Fluid control valve functional standardization program, handbook	1970
19710067402	Cross section for C-12/alpha, alpha n/C-11 at 920 MeV	1970
19710067596	Core-mantle equilibrium - Comments on a paper by R. Brett	1970
19710067836	The moon and what else for 35 billion dollars /ques/	1970
19710067885	Obligations to educational systems, fiscal year 1970	1970
19710067919	NASA obligations to educational institutions cumulative fiscal year 1959 through fiscal year 1970	1970
19710067939	Theory of ion and atom scattering from crystal surfaces	1970
19710067989	Multidisciplinary research in space-related science and technology Annual report	1970
19710068251	Multidisciplinary research program in space science and engineering Final report, 1 Sep. 1965 - 31 Aug. 1970	1970
19710068459	A primer on the policymaking process of a typical large public administration	1970
19710068716	Systems and Controls Laboratory research report no. 12	1970
19710068731	The nitrogen abundance of upsilon Indi	1970
19710068992	Radio model of the transition layer in solar active regions	1970
19710068993	Plasmon neutrinos emission in a strong magnetic field. 1 - Transverse plasmons	1970
19710069136	Pioneer F/G appendage deployment	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710069216	To accompany geologic map of part of the Fra Mauro region of the moon - Apollo 13 /Scale 1 - 25,000/	1970
19710069217	To accompany preliminary geologic map of the Wilhelm quadrangle of the moon	1970
19710069218	To accompany geologic map of Fra Mauro landing site - Apollo 13 /Scale 1 - 5000/	1970
19710069221	To accompany preliminary geologic map of the Geminus quadrangle of the moon	1970
19710069233	Serial to paired associate learning - Utilization of serial information	1970
19710069236	Remote sensing for resource management and flood plain delineation	1970
19710069497	Safety analysis of structures subjected to random vibration Application for renewal of NASA grant	1970
19710069498	Touchtone teleprocessing on the Interdata 4	1970
19710069499	X-ray structure of the Cygnus Loop	1970
19710069502	Applications of scattering theory to spectral line satellites Interim report	1970
19710069503	Further studies on insulating and testing an antimicrobial agent from acorns Progress report, 1969 - 1970	1970
19710069508	Treertran - A FORTRAN 4 subroutine package for manipulation of rooted trees	1970
19710069529	A mathematical model for dynamic ekistics	1970
19710069535	Program of research on the management of research and development Program summary, 1967 - 1970	1970
19710069550	A search for variations in the intensity of the optical pulses from NP 0532	1970
19710069559	Recoil atoms of radioactive bodies	1970
19710069643	Electric quadrupole transitions in muonic Pb-208	1970
19710069647	ZnSe-GaAs and ZnSe-Ge heterojunction transistors	1970
19710069691	Steepest descent for optimization problems with nondifferentiable cost functionals	1970
19710070052	The Soyuz-6, Soyuz-7, and Soyuz-8 mission	1970
19710070128	Comments on Fermi pressure shift of high- series alkali spectral lines	1970
19710070260	National economic conversion - Congressional proposals and prospective action	1970
19710070293	Forecasting in international relations	1970
19710070300	International aspects of earth resources survey satellite programs	1970
19710070326	Technology assesment and environmental engineering	1970
19710070329	Urban development modeling	1970
19710070344	Commentary on paper by Dr. Seitz	1970
19710070628	Isotope effects in the Lyman and Werner systems of molecular hydrogen	1970
19710070634	NASA economic impact studies - A methodological comment	1970
19710070888	Bibliography/synopsis report - Space station/base food system study	1970
19710070889	Lunar module 10 and sub elementary functional diagrams	1970
19710070891	Lunar module 7, 8, and 9 elementary functional diagrams	1970
19710071233	Review of geochemical exploration of the moon and planets	1970
19710071261	Magnetic multipole transition probabilities	1970
19710071262	KSC lightning summary report through 1969	1970
19710071412	Summary report, September 1970	1970
19710071429	Space Station/Base Food System Study. Volume 2 - Systems Assessments, Section 4 - Food Systems Data	1970
19710071433	Optimization, estimation and control of inlet control systems for aerospace vehicles Final report	1970
19710071436	Description of a self contained subroutine which analytically generates interplanetary coordinate system transformations referenced to the mean of 1950.0 epoch	1970
19710071437	Hybrid simulation of Apollo missions for the verification of flight software crew procedures	1970
19710071438	Technical data release procedures	1970
19710071440	Skylab program. Experiment and operations scheduling procedures program user's manual	1970
19710071441	Project Apollo. A-100 dispersion analysis guide	1970
19710071442	Apollo cryogenic storage system analysis task plan MSC/TRW task E-705-2	1970
19710071443	Contourographic display of EKG waveforms	1970
19710071444	Independent research and development activities report	1970
19710071446	Accelerated sedimentation rate of erythrocytes induced in animal experiments as a pharmacological testing method	1970
19710071447	Digital pulse torque electronics development Final report	1970
19710071448	Lunar surface antenna system analysis	1970
19710071449	Manually-aided on-board Apollo cislunar navigation	1970
19710071450	Apollo guidance and navigation documentation handbook and plan	1970
19710071451	On the use of fluctuating pressure data for structural evaluation Final report	1970
19710071452	Study of advanced techniques for determining the long term reliability of components Quarterly progress report, 14 Aug. - 14 Nov. 1970	1970
19710071453	The development and evaluation of lubricating systems for reusable space vehicle Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710071455	Demonstration of methods for repairing defects in uncured ANB-3254 propellant Final report	1970
19710071456	Study of the theoretical intensity versus abundance ratios for the meteor flash analyzer experiment	1970
19710071459	Cryogenic research and development Progress report, period ending 30 Sep. 1970	1970
19710071461	UNO study report	1970
19710071463	Environmental test requirements for qualification and acceptance testing of lunar surface cosmic ray detector /S-152/, attachment 4	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710071465	Transpiration and film cooling boundary layer computer program Quarterly report	1970
19710071468	Space station - A guide for experimenters	1970
19710071469	Correlation of drop size distribution and injector variables Quarterly progress report, for period ending 13 Nov. 1970	1970
19710071470	Investigation of electro-optical techniques for controlling the direction of a laser beam Final report	1970
19710071471	A study of stabilization and control techniques for large space platforms	1970
19710071472	A study of stabilization and control techniques for large space platforms Final report	1970
19710071473	Simulation program of the RTCC lunar surface star selection processor program select, user's manual	1970
19710071474	The application of regularization to the problem of computing optimal trajectories Final progress report, 1 Mar. 1969 - 28 Feb. 1970	1970
19710071475	Radioisotope-powered space station design sheets. Volume 1 - Core module system	1970
19710071476	Technical specification for lunar surface cosmic ray detector, S-152, appendix 1, attachment 2	1970
19710071477	Investigation of laser pyrotechnic ignition /uniform laser beam profile study/ Final technical report, 10 Jul. 1969 - 31 Mar. 1970	1970
19710071478	Lunar surface range extension Interim report no. 2	1970
19710071479	Radioisotope-powered space station design sheets. Volume 2 - Pre-mission operations support	1970
19710071480	Development of modified heterocyclic-aromatic polymers for use as sealants for fuel tanks in advanced aerospace structures Final report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710071482	Nuclear reactor-powered space station mass properties. Space station program, phase B definition /DRL no. MSC T-575, line item 30/	1970
19710071483	A simulation study of landing radar velocity beam performance for various terrain and flight conditions	1970
19710071484	Research on high-contrast CRT's	1970
19710071485	Nondestructive testing /NDT/ acousto-optical imaging Final report, 30 Jun. 1969 - 30 Jun. 1970	1970
19710071486	Nuclear reactor-powered space station preliminary performance specification. Volume 2 - Pre-mission operations support	1970
19710071487	A function display program for the IBM 2250	1970
19710071488	UNO study report appendixes	1970
19710071491	Feasibility study to convert a mobile launcher to function as a mobile service structure	1970
19710071494	Advanced techniques for determining long-term compatibility of materials with propellants Quarterly report	1970
19710071495	Spaceborne particle track detectors, attachment 1	1970
19710071496	Effect of flying upon the fibrinolytic activity in the blood of jet pilots	1970
19710071497	The mineral derivatives of hydrogen peroxide and ozone - Synthesis-applications	1970
19710071498	Nuclear reactor-powered space station preliminary performance specification. Volume 1 - Core module system, sections 1-5	1970
19710071499	Nuclear Reactor-powered Space Station Preliminary Performance Specification. Volume 1 - Core Module System, Sections 6-9	1970
19710071500	Thirty-three-foot-diameter space station, Kennedy Space Center launch site support definition, volume 1	1970
19710071501	Thirty-three-foot-diameter space station, Kennedy Space Center launch site support definition, volume 2	1970
19710071502	Apollo CSM S-band omnidirectional antenna improvement program Final report	1970
19710071503	Saturn S-4B/Centaur integration study. Volume 1 - Summary report	1970
19710071504	Nuclear reactor-powered space station preliminary performance specification. Volume 3 - Mission operations support	1970
19710071505	The continuous absorption coefficient per gram of stellar matter with neutral hydrogen and the negative hydrogen ion as sources of opacity	1970
19710071506	Project Apollo task MSC/TRW A-237. Real time forward iterator program. Volume 2 - named common and subroutine description, part 1	1970
19710071507	Real time forward iterator program. Volume 2 - Named common and subroutine description, part 2	1970
19710071508	Mapping from Surveyor 1 photography	1970
19710071510	Hypersonic aerodynamic characteristics associated with the evolution of an entry configuration with maximum lift-drag ratio of 3 /U/	1970
19710071512	Effects of Leading-edge and Trailing-edge Flaps on the Aerodynamic Characteristics of a Thin Cranked-wing Model at Mach Numbers from 0.20 to 1.20 /U/	1970
19710071514	Additional Study of a Fixed-wing Twin- Vertical-tail Fighter Model Including Directional Control Characteristics and Effects of Wing and Body Modifications /U/	1970
19710071515	Regeneratively cooled rocket engine for space storable propellants Quarterly report, for period ending, 1 Nov. 1970	1970
19710071516	Design improvement, qualification testing, purge and vent investigation, fabrication, and documentation of a GAC-9 insulation system Quarterly progress report, Jun. - Aug. 1970	1970
19710071517	Study of test and measurement standardization techniques associated with thermoelectric materials Final report, Nov. 1969 - Aug. 1970	1970
19710071518	Solid state Canopus sensor Final report, 1 Jul. 1969 - 30 May 1970	1970
19710071519	Limit cycle analysis of a transistor oscillator, supplement 9	1970
19710071521	A study of phycophysiology in controlled environments and supplementary task 1 - The yeast satellite experiment Semiannual status report	1970
19710071527	Automatic malfunction analysis, supplement 2 Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710071528	Phase 2 of a requirements study for a biotechnology laboratory for manned earth-orbiting missions. Volume 1 - Description of requirements Final report	1970
19710071529	Phase 2 of a requirements study for a biotechnology laboratory for manned earth-orbiting missions. Volume 2 - Experiment descriptions Final report	1970
19710071530	Nuclear reactor-powered space station design sheets. Volume 1 - Core module system	1970
19710071531	Nuclear reactor-powered space station design sheets. Volume 2 - Pre-mission operations support	1970
19710071532	MSFC fuel cell electrical power system Final report	1970
19710071533	Study on thin electrode fuel cells Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19710071534	Human factors criteria for remote control vehicle operation Final report	1970
19710071535	Study on thin electrode fuel cells Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710071536	Space station phase B definition study Quarterly progress report	1970
19710071537	Longitudinal propulsion coupling system Interim report	1970
19710071538	A study to determine MSFC space shuttle orbiter and booster nose cap and leading edge thermal protection system weights Final report	1970
19710071539	Research in remote control Progress report, 1 Oct. 1970	1970
19710071541	Diurnal rhythms of orthostatic cardiovascular responses	1970
19710071546	The role of calcium deficiency and amino acids in the aging process - Scientific basis for a new therapeutics /method confirmed by isotopes/	1970
19710071548	Effect of ATP and Mg ²⁺ plus on ribulose- diphosphate carboxylase and ribose-5-phosphate isomerase/kinase activity in an enzymatic preparation of chloroplasts	1970
19710071549	Space station mockup brochure, phase B definition	1970
19710071551	Apollo gyro bearing analysis program Final report	1970
19710071552	Nuclear reactor-powered space station preliminary performance specification. Volume 1 - Core module system, appendix	1970
19710071553	Astronaut maneuvering equipment /experiment 509/, attitude control system	1970
19710071555	Elimination of noise and enhancement of stability and dynamic response of the Apollo LM rate-of-descent program. Apollo guidance, navigation and control	1970
19710071556	Antenna and propagation studies for spacecraft. Lunar surface studies Interim report	1970
19710071557	Real time forwaterator program. Volume 1 - Program description and user's information	1970
19710071558	Fabrication of Avco 3D-SX silica-ceramic material Final report, 29 Jun. - 19 Oct. 1970	1970
19710071559	Luminary-LM-7 FSRR discrepancy report - Hybrid simulator data management support	1970
19710071560	Skylots - Skylab-B observation telescope system - A conceptual design definition Final report	1970
19710071561	A guidance and navigation system for automatic station-keeping in a near-earth orbit. Apollo guidance, navigation and control	1970
19710071562	Solar-powered space station thermal concept formulation	1970
19710071563	Delta vehicle S/N 20019 Delta program mission no. 79. Spacecraft - Intelsat 3-H	1970
19710071564	A note on equatorial ionospheric scintillation at 136 MHz and 1550 MHz	1970
19710071565	Experiment proposal for the use of laser corner reflectors on the Applications Technology Satellite /ATS-F and ATS-G/ satellites	1970
19710071566	Boundary layers in straight and curved diffusers	1970
19710071567	Lunar mission navigation performance of the Apollo spacecraft guidance and navigation systems	1970
19710071568	Nuclear reactor-powered space station development definition. Volume 1 - Program element specification	1970
19710071570	Sodium vapor experiment Final report	1970
19710071571	Radioisotope-powered space station design sheets. Volume 3 - Mission operations support	1970
19710071572	Modification and fabrication of a dry film processor Final report	1970
19710071573	Space station supporting research and technology initial briefing	1970
19710071574	Nuclear reactor-powered space station design sheets. Volume 3 - Mission operations support	1970
19710071575	Nuclear-powered space station definition and preliminary design. Volume 7 - Drawings	1970
19710071576	Apollo 10 mission report - Performance of the command and service module reaction control system	1970
19710071577	OAO-2 planetary group Final report	1970
19710071578	Space station - MSFC-DRL-231 line item 1 Monthly progress report, Oct. 1970	1970
19710071579	Space station - MSFC-DRL-160 line item no. 2 Progress report, 1 - 31 May 1970	1970
19710071580	Space station - MSFC-DRL-231 line item 1 Monthly progress report, Sep. 1970	1970
19710071582	Saturn S-4B/Centaur integration study. Volume 2 - Detailed technical report	1970
19710071583	STS data management system design - Task 2	1970
19710071584	Apollo primary propulsion system performance analysis. Task plan MSC/TRW task 705-3	1970
19710071585	Data processing results of the TR1 and TR2 tape recorders data from the OGO-F/6/ satellite	1970
19710071586	Cargo module design sheets	1970
19710071590	Utilization of Habrobracon and Artemia as experimental materials in bioastronautic studies Status report, Jul. - Dec. 1970	1970
19710071591	Nuclear reactor-powered space station definition and preliminary design. Volume 6 - Configuration preliminary design	1970
19710071592	Apollo 12, CSM 108 service propulsion system - Final flight evaluation	1970
19710071593	Lunar Module Subsystem Performance Analysis, Program /LMSPAP/ documentation	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710071594	Vehicle data management subsystem requirements and configuration concept for NASA space station program	1970
19710071595	Shuttle launched NASA modular station weight analysis	1970
19710071596	Preliminary power conversion system radiator study Final report	1970
19710071597	Earth to orbit shuttle reaction control systems	1970
19710071598	General guidelines for attainment of long-life subsystems	1970
19710071599	Mechanical properties of photographic film	1970
19710071600	Investigation of crystal growth in zero gravity environment Interim report, Jun. 1969 - Apr. 1970	1970
19710071601	EC/LS subsystem sizing study for a NASA space station	1970
19710071602	An autonomous quick reaction software system- STS	1970
19710071603	Oxygen regeneration system survey and trade- off study for a NASA/USAF space station	1970
19710071604	Space station phase B definition study	1970
19710071605	Space station program, phase B definition study	1970
19710071607	Water reclamation trade study for a NASA/USAF space station	1970
19710071608	Evaluation of an RCA photomultiplier tube, type C31009	1970
19710071609	Apollo communications systems - ESTL LM phase 3 extravehicular communication system test accuracy analysis	1970
19710071610	Development of design data for graphite reinforced epoxy and polyimide composites Quarterly report, Jul. - Sep. 1970	1970
19710071611	Apollo communications systems - ESTL LM phase 3 PRN ranging system test accuracy analysis	1970
19710071612	Performance of a Hercules, Incorporated., BE-3-A9 solid-propellant rocket motor under the combined effects of simulated altitude and rotational spin Final report	1970
19710071613	Space shuttle docking study Final report, 1 Mar. - 31 Jul. 1970	1970
19710071615	Flight report for Delta vehicle S/N 20018, Delta program mission no. 80 spacecraft - IDCSP/A-B	1970
19710071617	Lunar orbit insertion program document	1970
19710071620	Electrical power trade/selection matrix document	1970
19710071621	Research on bearing lubricants for use in a high vacuum Final summary report, 23 Jul. 1969 - 31 Oct. 1970	1970
19710071625	Feasibility of a high performance fluid controlled solid propellant /U/ Final report	1970
19710071626	High-energy propellants from special fuel- oxidizer mixtures /U/ Final report	1970
19710071630	Numerical techniques for determining systematic drift, periodicity, and noise level in discrete sets of data	1970
19710071632	Effects of the magnetic spectrometer experiment on HEAO-B and HEAO-D spacecraft Summary report	1970
19710071634	A study of the capabilities and benefits of navigation and traffic control satellites. Volume 1 - Application of satellites to enroute traffic control Final report	1970
19710071636	Development of insulative, nonablative materials for reusable thermal protection system application Final report	1970
19710071638	Optical Unit Assembly Improvement program Summary report	1970
19710071639	Development of an azimuth torque control system for heavy balloon payloads requiring high pointing accuracy	1970
19710071640	Focal-plane matched feeds for reflector antennas	1970
19710071641	Digital simulation of FCFB loop operation in RFI and specular multipath	1970
19710071642	Reusable space shuttle vehicle thermal protection Quarterly report, Jul. - Nov. 1970	1970
19710071643	Development and verification of revised control gains for the UPCONTROL phase of Colossus entry guidance	1970
19710071645	Development of advanced materials composites for use as insulations for LH2 tanks Semiannual report, 1 Jul. - 31 Dec. 1970	1970
19710071646	Development and characterization of lubricants for use near nuclear reactors in space vehicles Quarterly progress report, 15 Dec. 1969 - 15 Mar. 1970	1970
19710071648	Design improvement, qualification testing, purge and vent investigation, fabrication, and documentation of a GAC-9 insulation system Progress report, Sep. - Nov. 1970	1970
19710071650	Evaluation of techniques to fabricate seams in high strength graphite fabrics	1970
19710071653	Study of design considerations for maintenance of space experiments Final report	1970
19710071655	Mission H3 /AS509/CM 110/LM 8/ G and N error analysis /Apollo 14/	1970
19710071656	Interaction between radar sensor and navigation and guidance system during the Apollo 12 descent to the moon	1970
19710071659	Gyro bearing improvement program, tasks 8 to 10 Final report	1970
19710071660	Advanced fuel synthesis Final report	1970
19710071661	Longlines communications guide AS-509	1970
19710071669	Guidelines for POGO avoidance based on Titan and Saturn experience	1970
19710071671	Hydrazine hand held maneuvering unit Final report, 2 May 1967 - 30 Dec. 1969	1970
19710071675	Reference Mission Analysis Program version RMAP01 user's manual	1970
19710071678	Study and applications of non-reciprocal electromagnetic wave propagation in solid state magnetoplasma waveguides	1970
19710071679	Laboratory studies of advanced propellants Final report, 15 May 1967 - 30 Jun. 1970	1970
19710071681	Microwave device investigations Semiannual progress report, 1 Apr. - 1 Oct. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710071691	Cryogenic insulation development Quarterly progress report, 17 Sep. - 17 Dec. 1970	1970
19710071692	Evaluation of cryogenic insulation materials and composites for use in nuclear radiation environments. Pressure transducer test	1970
19710071693	Evaluation of insulation materials and components for use in a nuclear radiation environment. Redesign of propellant heating experiment and radiation analysis of Saturn 5 materials, systems, and components Quarterly progress report, 1 Sep. - 30 Nov. 1970	1970
19710071694	Processing, application, and evaluation of sealants for fuel tanks in advanced aerospace structures Annual summary report, 1 Dec. 1969 - 30 Nov. 1970	1970
19710071695	Postdoctoral and senior postdoctoral resident research associateship program Status report, 1 Sep. - 30 Nov. 1970	1970
19710071697	The OLLS system. Apollo guidance, navigation and control	1970
19710071698	Apollo onboard computer navigation simulators /OBCM/NAVCM, OBLM/NAVLM/ user's guide	1970
19710071704	Mathematical characterization of mechanical behavior of porous frictional granular media, volume 2 Final report, 1 Jul. 1969 - 31 Oct. 1970	1970
19710071707	Binder model system to be used for the determination of prepolymer functionality Final report, 19 Aug. 1968 - 19 Aug. 1970	1970
19710071716	Development of a highly reliable composite board for printed circuitry for use in space environment Final report, 28 Jun. 1968 - 30 Oct. 1970	1970
19710071720	Delta orbit error analysis IMP-1	1970
19710071726	Study to develop improved methods to detect leakage in fluid systems Final report	1970
19710071731	The 100m telescope at the Max Planck Institute of Radioastronomy in Bonn	1970
19710071737	Burning rate control of composite solid propellant systems Final report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710071738	Saturn engines O and FS program Quarterly progress report	1970
19710071739	Telemetry and flight program report - Colossus	1970
19710071742	Generalized plot program - TRWPLT user's manual	1970
19710071744	Surface electrical properties experiment - Conceptual design	1970
19710071746	Unified error analysis of terrestrial inertial navigation systems	1970
19710071753	Candidate lunar experiments - A compilation of AS/IITRI reports P-29, P-30, P-31, P-32, and P-33	1970
19710071754	The 200 watt RCFC test program Final report	1970
19710071755	AS-508 electromagnetic compatibility data	1970
19710071757	Bipropellant shut-off valve Interim report, 20 Jun. 1969 - 15 Nov. 1970	1970
19710071758	S-1C stage structural test program S-1C-S fuel tank ultimate pressure test Final report	1970
19710071759	J-2 mixture ratio control valve component qualification Final report	1970
19710071760	Spacecraft systems analysis project Bimonthly progress report	1970
19710071762	An experimental study of the use of a magnesium/aluminum eutectic coating to improve aluminum combustion efficiency /U/	1970
19710071768	Development of beryllium honeycomb sandwich composite for structural and other related applications Quarterly progress report, 21 Sep. - 20 Dec. 1970	1970
19710071769	On the expansion of artificial neutral metal vapor clouds in the upper atmosphere	1970
19710071770	The effects of point defects and dislocations on the stress-corrosion susceptibility of aluminum alloys Final report, 1 Sep. 1969 - 31 Aug. 1970	1970
19710071772	ASEE-NASA summer institute, 1970. Stanford-Ames program /research type/ Final report	1970
19710071776	Saturn 5 AS-509 launch vehicle operational flight trajectory - March 1, 2, and 3, 1971 launch days	1970
19710071785	Cryogenic research and development Progress report, period ending 31 Dec. 1970	1970
19710071800	Investigation of high-performance insulation application problems Quarterly report, 20 Oct. 1969 - 31 Jan. 1970	1970
19710071804	Atlas/Centaur-21 Orbiting Astronomical Observatory-B, flash flight report	1970
19710071805	OAQ operations control center in-depth analysis PCM system	1970
19710071810	A method for calculating stagnation region convective heat transfer to arbitrary surfaces immersed in the space shuttle attitude control system plumes	1970
19710071812	Saturn ground computer complex program organization system index	1970
19710071821	A study on microwave radiometer mapping data Final report	1970
19710071824	Apollo guidance computer improvement study - Apollo guidance, navigation and control	1970
19710071825	Research support of metabolic costs of inflight tasks /M171/ Summary report, 1 Feb. - 31 Dec. 1970	1970
19710071835	The entry plasma sheath and its effects on space vehicle electromagnetic systems, volume 2 /U/	1970
19710071836	Microwave reentry communications rocket flight tests	1970
19710071837	Studies of reentry plasma sheath effects upon microwave antenna performance	1970
19710071838	Comparison of theory with flight test data for the Fate reentry vehicles	1970
19710071839	Experimental determination of electron quenchant efficiency at high gas temperature	1970
19710071840	Liquid additives for blackout alleviation - Physical factors	1970
19710071841	Flight measurements at 25,000 feet per second of blackout alleviation by water and electrophilic injection /U/	1970
19710071842	Effects of some chemical alleviants on the impedance and breakdown power of plasma covered microwave antennas /U/	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710071845	Investigation of space-related whistler propagation phenomena in laboratory plasma Semiannual report, 1 Jan. - 30 Jun. 1970	1970
19710071850	Documentation index, section 3. NASA requirements for contractor documents for manned space flight programs	1970
19710071851	Metabolic effects of breathing various diluent gases. Biochemical mechanism of marginal oxygen toxicity Semiannual status report, 31 Oct. 1970	1970
19710071855	Frequency doubled modelocked Nd-YAG laser Final report	1970
19710071862	Experiment module concepts study. Volume 4 - Resource requirements	1970
19710071869	Total energy distribution of field emitted electrons Final report	1970
19710071870	Nuclear flight system definition study Interim briefing summary no. 2	1970
19710071872	Glauber amplitudes in charged particle hydrogen atom collisions	1970
19710071873	Feasibility study of a 24 inch focal length panoramic camera Final report	1970
19710071876	Study of the formation and behavior of clogging material in propellants Quarterly progress report, 13 Apr. - 13 Jul. 1970	1970
19710071887	Review of NERVA rocket engine performance effects in reusable nuclear shuttle studies	1970
19710071892	Phase A experiment module studies Summary report	1970
19710071898	On the formal description of polarization optics	1970
19710071899	The MAC algebraic language system	1970
19710071905	Feasibility study of a High Energy Astronomy Observatory /HEAO/ spacecraft. Volume 1 - Summary report	1970
19710071906	Processing, application, and evaluation of sealants for fuel tanks in advanced aerospace structures Quarterly progress report, 1 Jun. - 31 Aug. 1970	1970
19710071911	Reusable nuclear shuttle transportation system description	1970
19710071912	NASA/USAF manned space flight studies reusable nuclear shuttle Summary report	1970
19710071927	Broad-spectrum electromagnetic backscatter	1970
19710071936	Analysis of Apollo 11 lunar EVA /mobility evaluation/	1970
19710071956	Shock tube laboratory operations and safety manual	1970
19710071972	Reduction of Saturn 5 wind tunnel test data Final report, 2 Jan. 1970 - 2 Jan. 1971	1970
19710071982	A study of radiometric visual landing systems. Volume 1 - System analysis and design Final report, Jul. - Dec. 1969	1970
19710071983	Generalized polynomial discrete approximation of functions of several variables using the techniques of linear programming	1970
19710071984	Physiological responses to environmental factors related to space flight Semiannual status report, 1 Aug. 1970 - 31 Jan. 1971	1970
19710072010	Orbital return probabilities of escape spacecraft	1970
19710072012	Omega vlf timing	1970
19710072035	Reconnaissance study of NASA' management effectiveness program	1970
19710072036	Aerobee 150, 150A, 170, 350 trajectory summary	1970
19710072042	A yo-yo despin analysis	1970
19710072053	SLA Mini-Base concept for extended lunar missions. Volume 1 - Summary Final report, Oct. - Nov. 1969	1970
19710072054	SLA Mini-Base concept for extended lunar missions. Volume 2 - Crew considerations and systems analysis	1970
19710072055	SLA Mini-Base concept for extended lunar missions. Volume 3 - Mission considerations and spacecraft performance	1970
19710072057	Computer aided design in numerical analysis Final report	1970
19710072063	SSV avionics integration - A preliminary simulation with an RCS subsystem	1970
19710072073	Charge and potential distribution near the interface of a transition metal Annual report, 1 Jan. - 31 Dec. 1970	1970
19710072074	Planetary Explorer summary - Phase A report and universal bus description	1970
19710072080	Development of improved pressure switches for NASA-KSC ground support launch systems	1970
19710072102	Design analyses of optimized injector configurations for the improvement of the Apollo SM-LM RCS rocket engine Final report	1970
19710072131	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 1 - Summary report Final report	1970
19710072132	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 2 - Vehicle design and systems integration. Book 1 - DLRV system design and analysis Final report	1970
19710072133	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 2 - Vehicle design and systems integration. Book 2 - DLRV tiedown, off-loading, and checkout Final report	1970
19710072134	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 2 - Vehicle design and systems integration. Book 3 - Ground support equipment Final report	1970
19710072136	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 3 - Astrionics systems. Book 1 - Navigation subsystem design and analysis Final report	1970
19710072137	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 3 - Astrionics systems. Book 2 - Communications subsystem design and analysis Final report	1970
19710072138	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 3 - Astrionics systems. Book 3 - Hazard detection subsystem design and analysis	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072139	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 3 - Astrionics systems. Book 4 - Control subsystem design and analysis Final report	1970
19710072140	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 3 - Astrionics systems. Book 5 - Power subsystem design and analysis	1970
19710072141	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 4 - Scientific systems. Part 1 - Scientific equipment interface design and analysis. Part 2 - Engineering techniques for determining engineering properties of the lunar surface Final report	1970
19710072142	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 5 - Mission operations Final report	1970
19710072143	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 6 - Growth capability of DLRV Final report	1970
19710072144	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 7 - Resources analysis. Book 1 - Development and functional plans Final report	1970
19710072145	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 7 - Resources analysis. Book 2 - Cost and resources plan Final report	1970
19710072146	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 8 - DLRV systems specification Final report	1970
19710072156	Order for model identification tests - Nacelle satellite compatibility test	1970
19710072157	Simulator bay at Toulouse Space Center	1970
19710072173	Toxic rocket containment equipment, volume 3 Final report	1970
19710072174	Measuring faraday rotation at the minitrack stations	1970
19710072177	Minutes of the Eole Satellite Meeting of 25 May 1970	1970
19710072184	Analysis and processing of data from the FR-1 satellite	1970
19710072185	Account of the NASA visit to the CSG, 1-2 October 1970	1970
19710072190	Report on magnetic recorders mounted aboard CERS/ESRO satellites	1970
19710072192	Network Analysis Program /NAP-3/ - Mathematical analysis documentation	1970
19710072193	Network analysis program phase 3 - User's guide to data preparation	1970
19710072194	NEtwork Analysis Program /NAP-3/ - Program analysis documentation	1970
19710072211	Scattering from earth and its effects in multipath communication	1970
19710072217	Six-inch Apollo ultraviolet camera Final technical report	1970
19710072219	A space communications study Final report, 15 Sep. 1969 - 15 Sep. 1970	1970
19710072222	Unsupported thin film beamsplitter Final technical report	1970
19710072236	Dual mode lunar roving vehicle, preliminary design study. Volume 1 - Summary report Final report	1970
19710072238	Dual mode lunar roving vehicle, preliminary design study. Volume 3 - Astrionics systems. Book 1 - Navigation subsystem design analysis. Book 2 - Communications subsystem design and analysis. Book 3 - Hazard detection subsystem design and analysis. Book 4 - Control subsystem design and analysis. Book 5 - Power subsystem design and analysis Final report	1970
19710072239	Dual mode lunar roving vehicle, preliminary design study. Volume 4 - Scientific systems. Book 1 - Scientific equipment interface design. Book 2 - Techniques for determining engineering properties of the lunar surface Final report	1970
19710072241	Dual mode lunar roving vehicle, preliminary design study. Volume 6 - DLRV systems specifications. Book 1 - Vehicle CEI specification. Book 2 - Ground support specification Final report	1970
19710072242	Dual mode lunar roving vehicle, preliminary design study. Volume 7 - Resources analysis. Book 1 - Development and functional plans Final report	1970
19710072243	Dual mode lunar roving vehicle, preliminary design study. Volume 7 - Resources analysis. Book 2 - Cost and resources plan Final report	1970
19710072270	A study of psychophysiology in controlled environments	1970
19710072274	Humoral and cellular aspects of man's immunity in manned spaceflights	1970
19710072275	Electron probe microanalysis project	1970
19710072276	Studies on Muramidase (lysozyme): 1. serum and urine muramidase activity in burned children	1970
19710072277	Technical aspects of radial immunodiffusion and electroimmunodiffusion	1970
19710072278	Lymphocyte cultures under varied logistical conditions: Stability of nucleic acid synthesis	1970
19710072279	Quantitation of serum proteins on whole blood radial immunodiffusion technique applicable to capillary blood	1970
19710072285	Dual capillary modification to a respiratory monitoring analyzer	1970
19710072293	Time codes used by Goddard Space Flight Center	1970
19710072313	Research on materials for advanced electronic and aerospace application	1970
19710072317	Hypersonic Research Facilities Study. Volume 2, Part 2, Phase 1: Preliminary Studies Flight Vehicle Synthesis (u)	1970
19710072318	Hypersonic Research Facilities Study. Volume 3, Part 2, Phase 2: Parametric Studies Flight Vehicle Synthesis (U)	1970
19710072319	Hypersonic Research Facilities Study	1970
19710072335	Apollo guidance, navigation and control. The Apollo rendezvous navigation filter theory, description and performance, volume 1	1970
19710072344	Precise measurement of charged defects in III-V compound	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072363	Contractor's independent research and development activities report	1970
19710072372	Mars Surface Sample Return (MSSR) System. Volume 1: Summary	1970
19710072373	Mars Surface Sample Return (MSSR) system. Volume 2. Part 1: Mission Science Analysis and Instrumentation	1970
19710072379	Test and checkout requirements document for Downey CSM 103 and subsequent CSM's	1970
19710072404	Effects of structural geometry on wave propagation	1970
19710072419	Testing of high speed voice channel Modems Final report	1970
19710072420	Analysis of low-level winds over Vietnam	1970
19710072421	High frequency SAFOC digital data link tests	1970
19710072422	Evaluation of the Lawrence hydrogen detection gauge for the prediction of hydrogen embrittlement Progress report	1970
19710072423	Fluidic technology - An overview	1970
19710072424	A computer program for the simulation of steady-state boiling flows in vertical circular tubes	1970
19710072425	Integrated solid-state microwave sources Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19710072426	Cancellation of turbulent boundary-layer pressure fluctuations	1970
19710072427	Status report	1970
19710072428	On the interpretation of Rayleigh and Brillouin scattering in dilute polymer solutions Technical report, May 1968 - 10 Apr. 1970	1970
19710072429	Optical feature extraction technique Final technical report, 1 Feb. - 1 Dec. 1969	1970
19710072430	Stress corrosion resistance of die forged 7175-T736 aluminum alloy Progress report	1970
19710072431	Effect of interior ballistic parameters on rocket exhaust smoke, part 2 /U/	1970
19710072433	Fine-grind-ammonium-perchlorate technology /U/	1970
19710072434	Investigation of radar anomalies /U/	1970
19710072435	An electronically tunable narrow-bandwidth noise generator /U/ Technical report, Jul. 1968 - Jun. 1970	1970
19710072436	Effect of burning-rate additives on rocket- exhaust smoke /U/	1970
19710072437	Development of a specific impulse scaling technique for smokeless propellants /U/	1970
19710072438	Ejector technology for Redeye 2 and MANPADS missiles /U/	1970
19710072441	Studies of gas-solid interactions using a modulated beam mass spectrometer Quarterly progress report	1970
19710072442	In-flight evaluation of four cockpit controller configurations in a variable stability airplane Final report, Jul. 1969 - Jul. 1970	1970
19710072443	Thermodynamic properties of rocket combustion products Final report, 19 May 1969 - 22 Jul. 1970	1970
19710072444	Investigation of increased load capacity of spur and helical gears with increased contact ratio Final report, 25 Apr. 1969 - 26 Oct. 1970	1970
19710072445	Evaluation transient monitor for field use	1970
19710072447	Program to evaluate the effect of sulfur in JP-5 fuel on hot corrosion of turbine blade materials Progress report, 16 May - 16 Aug. 1970	1970
19710072448	Biomedical monitoring of aircrewmembers being air- towed by aircraft in simulated rescue missions Interim report, 1 Jan. - 30 Jul. 1970	1970
19710072449	Hydrogen fluoride chemical laser, a demonstration of pure chemical pumping. 3 - Chemical pumping in a laminar diffusive mixing laser system Final report	1970
19710072450	An investigation of thermal regenerators for the 4 to 20 K temperature range Final technical report, Oct. 1968 - Feb. 1970	1970
19710072451	Procedures for avoiding heat-treat cracking in nickel-base superalloy weldments Final technical report, 1 Aug. 1969 - 31 Jul. 1970	1970
19710072452	Optimization of user and earth station interfaces with DSCS Final report	1970
19710072453	The electrostatic charge of organic high polymers and application of antistatic agents	1970
19710072454	XC399PB solid state gate controlled switch Final report	1970
19710072455	Radiation pyrometer for gas turbine blades	1970
19710072456	Technical evaluation of radar set AN/SPN-44 Final report	1970
19710072457	Process development for a 25-gallon-per-minute continuous processor fuel emulsification Final report, 2 May 1969 - 1 May 1970	1970
19710072458	F-14 aircraft aircrew escape system, operational aeromedical and human factors, maintainability and engineering evaluation and systems development, monitoring of Interim report	1970
19710072459	Radiation damage in GaAs Gunn diodes	1970
19710072460	Math model validation Final report	1970
19710072461	AC-02 repetitive transistorized analog computer	1970
19710072462	The MEDA 41 TC iterative computer	1970
19710072463	Studies of hardness testing on paints	1970
19710072465	KTN crystal growth by a modified Kyropoulos method. The effects of crucible rotation modified	1970
19710072467	Effects of a bipropellant attitude control rocket plume on optical windows and a thermal control paint Summary report, Sep. 1969 - Jun. 1970	1970
19710072468	Compatibility studies for viable titanium matrix composites	1970
19710072469	Study on efficiency improvements in O-type traveling-wave tubes Final technical report, 1 Jan. 1968 - 31 Jul. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072470	Ablative materials characterization. Part 2 - Additional arc-heater screening Technical report, 1 May 1969 - 31 May 1970	1970
19710072472	The SRU-29/P chaff signal testing Final report, 15 Apr. - 25 Aug. 1970	1970
19710072473	A spectrum analysis FORTRAN computer program for the reduction and display of digital radar data Interim report	1970
19710072474	Coated polycarbonate visor	1970
19710072475	Development of an operational shipboard telemetry system Final report	1970
19710072476	High-speed cryogenic alternator development, volume 2 Final report, Mar. 1968 - Sep. 1969	1970
19710072477	A study of atmospheric reactions of O ₂ /a/1 Delta g/, O ₂ /1D/ and N ₂ /2,2p/ Final technical report	1970
19710072482	A seismic location study of station anomalies, network effects, and regional bias at the Nevada Test Site	1970
19710072483	Estimation of P-waves using vertical and small aperture horizontal arrays	1970
19710072484	Accuracy investigation on the photogrammetric determination of star coordinates by closed block adjustment	1970
19710072485	Production engine report T53-L-13A/13B	1970
19710072486	Feature definition and extraction Final technical report, Jun. 1969 - Jun. 1970	1970
19710072487	Operating experience with the AEDC 20-megawatt magnetohydrodynamic Hall generator Final report, Jan. 1966 - Mar. 1969	1970
19710072488	Proceedings of the Fifth Annual Department of Defense Cost Research Symposium, volume 2	1970
19710072489	Insertion contacts in communications and power technology	1970
19710072490	The extended eikonal method and its application to ray tracing in magnetoionic media. 2 - Conditions for principles of stationary transit times	1970
19710072491	Fabrication of integrated fluidic control systems Interim engineering progress report, 29 Jun. - 27 Sep. 1970	1970
19710072492	An overlap reduction of the measurements used to produce the cape photographic catalogs for -52 to -56 degrees and -56 to -60 degrees Final technical report	1970
19710072493	Air pollution engineering demilitarization emissions study no. 99-013-70/71, Tooele Army Depot, Tooele, Utah, 13-17 April 1970	1970
19710072499	Interface and matrix contribution to high-temperature strength of composites	1970
19710072500	Rapid combat mapping system evaluation, June 1968 - May 1970	1970
19710072501	Electrocatalysis of oxygen reduction by the tungsten bronzes Semiannual report, 1 Sep. 1969 - 28 Feb. 1970	1970
19710072502	Collision and Obstacle/Terrain Avoidance Warning System /COTAWS/ multifunction sensor study Quarterly report, Jan. 1970 - 31 Mar. 1970	1970
19710072508	Contributions of man to mission reliability /U/	1970
19710072514	System for drilling epoxy smear-free holes in multi-laminated printed circuit boards Final report	1970
19710072516	Evaluation study of the oxidation-corrosion- deposition characteristics of aircraft turbine engine lubricants, volume 1 Technical report, 1 Feb. 1969 - 15 Apr. 1970	1970
19710072517	Advanced small high-temperature-rise combustor program Quarterly progress report	1970
19710072518	Toward an engineering theory for adhesive joints	1970
19710072519	Titanium pump impeller testing Monthly progress report Oct. 1970	1970
19710072520	The role of anions in mechanical failure Quarterly status report	1970
19710072521	Investigations regarding development of a high-performance insulation system - Materials and design review	1970
19710072522	Status report, 1 June 1969 - 30 November 1970	1970
19710072523	Study of bipropellant shutoff valves Monthly report, 1 Nov. - 1 Dec. 1970	1970
19710072524	Gamma ray spectroscopy	1970
19710072525	Letter progress report for the period 1 September - 1 October 1970	1970
19710072527	Subsonic lifting-surface theory aerodynamics and flutter analysis of interfering wing/horizontal-tail configurations. Part 2 - Wing/tail flutter correlation study Final technical report, Sep. 1968 - Mar. 1970	1970
19710072528	Ambient temperature binder cure catalysts for hydroxy terminated systems Quarterly technical report, 1 Jul. - 30 Sep. 1970	1970
19710072529	Evaluation of JP-8 versus JP-4 fuel for enhancement of aircraft combat survivability	1970
19710072530	Emulsion paints on steel exposed to marine atmospheres Technical note, Jun. 1965 - Jun. 1970	1970
19710072531	Evaluation of a liquid cooled concept for infrared suppression	1970
19710072532	Photoelectric generator-producing variable sinusoidal voltage	1970
19710072533	Navigation by satellites	1970
19710072534	European theater weather orientation	1970
19710072536	Room temperature detectors for infrared radiation Final report, 19 May 1969 - 18 May 1970	1970
19710072537	Reentry Vehicle Technology and Observables. Phase 1A /RVTO-1A/ /U/	1970
19710072546	Reentry data WTR test number 0525, 9 June 1970 /U/ Final report	1970
19710072548	Infrared thermography	1970
19710072549	Processing of data from sonar systems, volume 7 Technical report, 1 Jul. 1968 - 30 Apr. 1970	1970
19710072550	SIEGE 2, phase 2. Volume 3 - Phase 2 study Technical report, Mar. - Jul. 1969	1970
19710072553	An advanced SIEGE 2 generator, phase 2 Final report, Mar. - Jul. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072554	Techniques for producing beryllium oxide single crystals Interim engineering progress report, 1 Jul. - 30 Sep. 1970	1970
19710072555	Metal oxide studies Final report	1970
19710072557	Research and development programs Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710072558	Propellant quantity gauging system under zero-g Quarterly progress report, 11 Sep. - 10 Dec. 1970	1970
19710072560	A self-contained system for in-flight acquisition of physiological data	1970
19710072561	Drone guidance, control, tracking and plotting components Final report	1970
19710072562	The 77K Vuilleumier cycle cryogenic refrigeration system for ground applications Final report, Jan. 1968 - Aug. 1969	1970
19710072563	Analytical optimization of the positioning and station keeping of a geostationary satellite	1970
19710072564	Simulator evaluation of the flight profile indicator Final report, 15 Aug. 1969 - 15 Mar. 1970	1970
19710072565	Manufacturing methods for dispersion strengthened copper Final report, 15 May 1967 - 15 Mar. 1970	1970
19710072566	Flight vibration measurements on the stabilized optical sight system, AH-1G helicopter	1970
19710072567	Studies in air sampling and purification by space charge precipitation Quarterly progress report, Sep. - Dec. 1969	1970
19710072568	Ceramic matrix composites as armor materials, part 1 Interim technical report, 16 Jun. 1969 - 15 Jan. 1970	1970
19710072571	The 5.0-inch air-launched rocket /Zuni/ propulsion improvement study /U/	1970
19710072576	Analytical igniter design for solid propellant rocket motors Final technical report, 1 Feb. 1967 - 31 Oct. 1968	1970
19710072580	Plasma display techniques study. Volume 1 - Summary Final report, 13 Jan. 1969 - 8 Jan. 1970	1970
19710072581	Study - Fish oil films on the sea surface Final report	1970
19710072582	Effect of oxygen on the microscopic structure of the lungs in man	1970
19710072583	Submersion	1970
19710072584	Little John Laser Missile no. 2383 /12001/, round no. 66 /12 October 1967/ Meteorological data report	1970
19710072585	Reliable Advanced Solid-State Radar /RASSR/ Quarterly report, 31 May - 31 Aug 1970	1970
19710072587	Aerodynamic static stability coefficients for several finned-sphere configurations at Mach numbers from 0.2 to 0.4 Final report	1970
19710072589	Montana large aperture seismic array Quarterly technical report, 1 May - 31 Jul. 1970	1970
19710072590	Research and development of low-light-level/ near IR camera tube with solid-state array target Quarterly progress report, 1 Feb. - 30 Apr. 1970	1970
19710072591	Prefabricated steel aircraft revetments Technical report, Aug. 1966 - Dec. 1967	1970
19710072592	The 11601 Lance missile no. 5110, round no. 101, 1 October 1970	1970
19710072594	Investigation of a fuel conditioner for indirect hydrocarbon-air fuel cell powerplants Final report, 23 Apr. 1969 - 15 Oct. 1970	1970
19710072595	Development of centralized automatic test systems at NELC. Volume 6 - Technical evaluation of CATS Mod O Research and development report, Jun. 1968 - Jan. 1970	1970
19710072596	Radioisotope power devices of the US Navy, volume 4, number 3 Quarterly operating report, 1 Jul. - 30 Sep. 1970	1970
19710072597	Proceedings of the Air Force Airframe- Propulsion Compatibility Symposium	1970
19710072599	Production engineering measure on multistage solid-state power amplifiers Quarterly progress report, 6 Apr. - 5 Jul. 1970	1970
19710072600	Low-noise C-band transistor gain module Quarterly report, 15 Mar. - 14 Jun. 1970	1970
19710072601	Data analysis and correlation with digital computers - Nondestructive testing, phase 2 Annual report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710072602	Preliminary air pollution engineering survey no. 21-001-71. Carlisle Barracks, Carlisle Barracks, Pennsylvania, 10-11 August 1970	1970
19710072603	Four Nike-Cajuns /TMA chemical trails/, 5-6 October 1970	1970
19710072604	Role of stresses in acceleration of penetration of molten metals into solid metals	1970
19710072605	A backward elimination general significance regression model	1970
19710072606	Digital filters for high speed data processing. Volume 1 - Filter algorithms and implementation. Final report, 1 Jul. 1969 - 1 Jun. 1970	1970
19710072607	Evaluation of AN/UVS-2 IOS /XE-10/ laser rangefinder, Fort Hood, Texas 76544, 20-21 February 1970	1970
19710072608	Manufacturing methods of an isothermal extrusion process to produce 20 foot complex sections Interim engineering report, 22 Jun. - 22 Aug. 1970	1970
19710072610	Lithium/selenium secondary cells for components in electric vehicular propulsion generating systems Interim technical summary report, 23 Nov. 1969 - 22 May 1970	1970
19710072611	High-speed cryogenic alternator development, volume 1, phase 1 Final report, Mar. 1968 - Sep. 1969	1970
19710072613	Test and evaluation of Pratt and Whitney Aircraft /PWA/ engine trim tester P/N 23391 Final interim report, 20 May - 13 Nov. 1969	1970
19710072614	Sampling tests of 17, type MS90321-78, aircraft battery cells manufactured by Gulton Industries, Incorporated	1970
19710072615	Design of maximum thrust plug nozzles with variable inlet geometry. Volume 1 - Theoretical development and results Technical report, 15 Sep. 1968 - 31 Sep. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072616	Establishment of manufacturing techniques for back-tension drawing of titanium Interim engineering report, 1 Jun. - 31 Aug. 1970	1970
19710072617	On certain relations between the parameters of the earth ellipsoid and the gravity field, especially with respect to the IAG 1967 reference system	1970
19710072618	Effect of crossrange on STS orbiter thermal protection requirements	1970
19710072619	Sensitivity analysis of a proposed land navigation system Final report	1970
19710072620	Future Army applications for liquid propulsion technology /U/	1970
19710072625	Thermionic reactor design studies /U/ Final report	1970
19710072629	Transonic wind tunnel tests of a 0.0125-scale reusable launch vehicle /U/ Final report	1970
19710072630	Exploratory development of a bonded expulsion device /U/ Quarterly progress report, Apr. - Jun. 1970	1970
19710072634	Photoconductive-photoemissive direct view tube /U/ Interim report, 1 Jul. 1967 - 30 Sep. 1969	1970
19710072637	Development of an hydroxyl-terminated polybutadiene propellant for a meteorological rocket /U/	1970
19710072638	Evaluation of HTPB propellant in a MANPADS sustainer motor /U/	1970
19710072639	Isotopic CO2 laser study Final report, Apr. 1969 - Jul. 1970	1970
19710072640	Evaluation of the mechanical and temperature cycling capabilities of solid propellant and binders containing a difunctional hydrocarbon prepolymer Quarterly technical report, 1 Jul. - 30 Sep. 1970	1970
19710072641	Horizontal-path imaging with laser illumination Summary technical report, Jun. - Nov. 1969	1970
19710072642	Advanced concepts of microwave generation and control in solids Quarterly progress report, 1 Apr. - 30 Jun. 1970	1970
19710072643	A multiple-scale research program in tropical meteorology Quarterly progress report, 1 Nov. 1969 - 28 Feb. 1970	1970
19710072645	Transparent substrate materials for GaAs thin-film photocathodes	1970
19710072646	Comparison of spectral regions for thermal- imaging infrared sensors	1970
19710072647	Intermediate temperature operation of indium antimonide diode arrays /U/	1970
19710072650	Night observation device-long range thermal imaging /U/	1970
19710072652	Improved specifications for infrared imaging systems /U/	1970
19710072653	The optical environment of rocket platforms /U/	1970
19710072654	Advanced infrared systems for night vision /U/	1970
19710072655	Radiometric measurements of muzzle flash /U/	1970
19710072656	The effects of background radiation on /Hg,Cd/Te detectors /U/	1970
19710072660	Application of pyroelectric detectors to thermal-imaging systems /U/	1970
19710072661	The night-vision aerial surveillance system AN/ASQ-127 /U/	1970
19710072671	Diffusion and spreading of an artificial plasma cloud in the ionosphere. Project Secede Semiannual technical report, 1 Oct. 1969 - 1 Apr. 1970	1970
19710072672	Manufacturing methods and technology measure. Ultraprecision integrated-circuit photomasks Quarterly progress report, 1 May - 31 Jul. 1970	1970
19710072674	Anti-G valve qualification study Interim report	1970
19710072675	Tidal and lunar data for Point Mugu, San Nicolas Island, and the Barking Sands area during 1971	1970
19710072676	Airfield visual landing aids service bulletin no. 1. Standard and general requirements for marking, lighting, and visual landing aids equipment for Navy and Marine Corps airfields	1970
19710072677	Integrated information presentation and control system study. Volume 1 - System development concepts Final report, 1 Mar. 1969 - 1 Mar. 1970	1970
19710072678	Integrated information presentation and control system study. Volume 2 - System analysis Final report, 1 Mar. 1969 - 1 Mar. 1970	1970
19710072679	Force and flow visualization tests on a 0.10-scale model of the F-4E aircraft at Mach numbers from 0.70 to 1.20 Final report	1970
19710072680	Development of a magnetic annular arc operating near atmospheric pressure Final report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710072681	Compatibility studies for viable titanium matrix composites	1970
19710072687	Evaluation study of the oxidation-corrosion- deposition characteristics of aircraft turbine engine lubricants, volume 2 Technical report, 1 Feb. 1969 - 15 Apr. 1970	1970
19710072688	Graphite materials for advanced reentry vehicles. Part 3 - Development of carbon- carbon composites for heat shield and nose tip applications Technical report, May 1969 - Aug. 1970	1970
19710072690	System description and performance data for the USAF/CAL variable stability T-33 airplane Final technical report	1970
19710072691	The effect of plenum volume on the test section flow characteristics of a perforated wall transonic tunnel Final report, 1 Jul. 1969 - 8 Apr. 1970	1970
19710072693	Programmed counter packaging research Final report, 19 Dec. 1969 - 19 Sep. 1970	1970
19710072694	Application of performance optimization techniques to tactical aircraft operations, volume 1 Final technical report, 25 Mar. 1968 - 25 Sep. 1969	1970
19710072698	The 11606 Lance missile no. 5128, round no. 99 RMT Meteorological data report for 2 Sep. 1970	1970
19710072699	The 11602 Lance missile no. 5122, round no. 100 RSL Meteorological data report for 17 Sep. 1970	1970
19710072700	Experimental program for the study of supersonic and transonic axisymmetric base-pressure problems	1970
19710072701	A stability analysis of two liquid-filled projectiles Technical report, 12 May - 25 Jul. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072702	Experimental determination of shock front thickness from the acoustical frequency spectrum of eletromagnetically generated shock waves in liquids in the shock pressure range from 10 atm to 100 atm	1970
19710072703	The effects of electrostatic fields on flame spread rates of solid propellant Technical report, Jan. 1968 - Jun. 1969	1970
19710072706	The DREV uranium development programme	1970
19710072707	A feasibility study for verification of fatigue reliability analysis Final technical report, 16 Mar. - 15 Jun. 1970	1970
19710072710	Production engineering measure for solid- state avalanche photodetectors Quarterly progress report, 31 Mar. - 30 Jun. 1970	1970
19710072711	Fatigue evaluation of 4340 steel and cryogenically stretched type 301 corrosion resistant steel in the presence of notches, using programmed loading	1970
19710072715	Research on the physics of transient radiation effects Summary report	1970
19710072720	Study of the integration of a multicolor panel display with military maps Quarterly progress report, 15 Apr. - 14 Jul. 1970	1970
19710072721	The model 8533 thrust chamber steady state heat transfer excerpted from phase 1 for USAF model XLR81-BA-15, Bell Aerosystems Company model 8533, rocket engine development phase 2 program Final report	1970
19710072723	Duty hours and sleep patterns in transport aircrew operating long haul routes	1970
19710072724	Use of Elliott 503 computer in reduction of pressure error measurements obtained by the pacer method	1970
19710072730	Engineering property determination on rocket propellants /U/ Final report, 6 May 1968 - 4 Sep. 1970	1970
19710072735	Strategic reentry technology program /STREET-A/. Volume 2 - Task 7.5, nosetip ablation phenomena Final report	1970
19710072736	The measurement of Reynolds stresses in low intensity turbulent flow	1970
19710072739	Production engine report, T53-L-13A/13B	1970
19710072740	Formation of corrosion resistant current collector materials for the oxygen concentrator through metalliding Summary report, Apr. - Aug. 1969	1970
19710072741	Improved anode catalyst for oxygen concentrator Summary report, Apr. - Aug. 1969	1970
19710072742	Studies in air sampling and purification by space charge precipitation Final report, Mar. 1969 - Mar. 1970	1970
19710072743	Sequence of meteorological analyses for Southeast Asia produced by computer Final report, 1 Jul. 1969 - 14 Jul. 1970	1970
19710072744	The effect of gyroscopic engine coupling on the longitudinal and lateral motion of aircraft	1970
19710072746	Cooling and electrical insulation of a power transistor operating in vacuo	1970
19710072747	Measurements of heat transfer rates and boundary layer transition on a blunt-nosed body of revolution in free-flight at supersonic and hypersonic speeds	1970
19710072749	Research in stellar ultraviolet spectroscopy Six month's progress report	1970
19710072752	Development of equipment and techniques for an advanced thrust measuring system for simulated altitude testing of turbojet and turbofan engines	1970
19710072753	Some insights into high-bypass ratio turbofan engine nozzle performance from full-scale tests in an altitude test cell	1970
19710072754	A study of the jet stretcher concept	1970
19710072758	Controllable solid propellant rocket motor PBPS application and demonstration /U/	1970
19710072759	Thrust magnitude control study results and early development work with the Selectable Two Area Nozzle /STAN/ /U/	1970
19710072760	Thrust magnitude control in solid rockets - A brief review of mission and technology requirements /U/	1970
19710072761	Mission performance advantage and flexibility afforded by solid rocket propulsion utilizing a dual throat area nozzle /U/	1970
19710072763	Development of a plus 20 degree omniaxial movable nozzle for tactical missile application /U/	1970
19710072765	Advanced rocket ramjet program /U/	1970
19710072767	Air-augmented hybrid propulsion system for advanced target missile /U/	1970
19710072768	Hypersonic propulsion - Promise and progress /U/	1970
19710072769	Fuel-rich propellants - Improved ballistic properties for controllability /U/	1970
19710072772	Analysis of tests of a hydrogen fueled supersonic combustor /U/	1970
19710072773	Development of the aerospike thrust chamber for AMPS /Advanced Maneuvering Propulsion System/ /U/	1970
19710072774	JANNAF Mechanical Behavior Working Group, 8th Meeting, volume 2 /U/	1970
19710072775	Combined strength and ballistic analyses /U/	1970
19710072776	Degree of sophistication in stress analysis /U/	1970
19710072777	Surveillance of US Army field motors /U/	1970
19710072778	Prediction of rocket motor service life /U/	1970
19710072779	Effects of flaws on the structural behavior of gassing propellant gains /U/	1970
19710072780	Production engineering measure for Schottky- barrier gallium-arsenide diode Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19710072781	Research on imaging properties of optical parametric upconverter Semiannual report	1970
19710072782	Computer design of stripline components	1970
19710072786	Modulation systems for television - Theoretical comparsion of noise performance, with and without pulse coding	1970
19710072788	Metal matrix composite technology Interim technical report, 1 Jul. 1969 - 30 Jun. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072789	Inorganic nose cone techniques for sidelobe reduction Interim technical report, 1 Nov. 1969 - 31 Aug. 1970	1970
19710072790	Isothermal forging of titanium alloy main landing gear wheels Interim engineering progress report, 1 Jul. - 30 Sep. 1970	1970
19710072791	Rocket motor survivability in fire	1970
19710072792	Pressure measurements on a model delta wing undergoing oscillatory deformation	1970
19710072793	Manufacturing methods for large high-temperature sandwich structure, volume 1 Final technical report, Dec. 1965 - Jul. 1970	1970
19710072794	New techniques for the solution of differential games	1970
19710072795	Electronically tuned integrated microwave amplifier/converter Final technical report, Jan. 1969 - Apr. 1970	1970
19710072796	Evaluation and development of television tubes for space astronomy Quarterly report, 1 Oct. - 31 Dec. 1970	1970
19710072797	Image identification on television Technical publication, Jan. 1968 - Jul. 1969	1970
19710072798	Demonstration of feasibility/reliability of fluidic and ram air fuze charging devices Final technical report, 4 Jun. - 4 Aug. 1970	1970
19710072799	Chemical vapor deposition of ceramic oxide shapes Final report	1970
19710072800	Manufacturing methods for machining processes for high modulus composite materials Quarterly interim technical report, 21 Jul. - 20 Oct. 1970	1970
19710072801	Manufacturing methods for machining processes for high modulus composite materials Quarterly interim technical report, 20 Apr. - 20 Jul. 1970	1970
19710072802	Glass bath heating of forging stock Interim engineering progress report, 1 Aug. - 31 Oct. 1970	1970
19710072803	Weather planning factors for fair weather reconnaissance systems, Morocco	1970
19710072804	A 3 inch, F/1.5 wide angle photographic lens Final report, Apr. 1966 - Sep. 1969	1970
19710072805	On-line support to radar exploitation Final technical report, 1 Aug. 1969 - 28 Feb. 1970	1970
19710072807	Production engineering measure for a 30 kW X-band traveling-wave tube Final engineering report	1970
19710072808	Brazing /Industrial processing series/, volume 2 Bibliography report, Nov. 1952 - Jul. 1968	1970
19710072809	Magnetic and electromagnetic detection systems - Mines, volume 1 Bibliography report, Jun. 1960 - Feb. 1970	1970
19710072810	Night Vision Airborne Surveillance System /NVASS/	1970
19710072811	Refraction theory and applications	1970
19710072812	The evaluation of the effect of lunar tidal perturbation on station coordinates solution	1970
19710072813	Fuel conditioning device development study Final technical report, 23 Apr. 1969 - 23 Jun. 1970	1970
19710072814	Airborne laser range finder for multiweapon fire control system	1970
19710072816	Development of advanced material composites for use as internal insulation for LH sub 2 tanks Quarterly technical progress report, Sep. 1970	1970
19710072817	High altitude radiation measurements Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710072818	High-speed digital moving target indicator arithmetic unit for experimental array radar signal processor	1970
19710072819	Bipropellant Attitude Control Rocket /ACR/ plume effects on solar cells, optics and thermal paint Final report, Nov. 1969 - Jun. 1970	1970
19710072820	Photomicrographic examination of explosives	1970
19710072821	Use of modern digital techniques in solving differential equations in recombination kinetics	1970
19710072822	Weld bonding - An annotated bibliography. Literature search	1970
19710072823	Laser display analysis Final report, 1968 - 1969	1970
19710072824	Effects of chemical injection on the impedance and breakdown power of plasma covered microwave antennas Interim technical report, 15 Jan. 1969 - 14 Jan. 1970	1970
19710072825	Subsonic lifting-surface theory aerodynamics and flutter analysis of interfering wing/horizontal-tail configurations. Part 1 - Subsonic oscillatory aerodynamics for wing/horizontal-tail configurations Final technical report, Sep. 1968 - Mar. 1970	1970
19710072826	Statistical mechanics and kinetic theory of plasmas	1970
19710072827	Automatic photographic analysis for X-ray radiographs. Code-R-system Interim engineering progress report, 1 May - 31 Jul. 1970	1970
19710072828	A study of network control techniques for TACSAT, volume 1 Final technical report	1970
19710072829	Pulsed current capabilities of type 917 photodiodes	1970
19710072830	Approximation of ballistic density and ballistic temperature by routine upper-air parameters	1970
19710072831	Effect of outdoor exposure on stressed and unstressed, adhesive bonded metal-to-metal joints, trial 1. Part 1 - Two year summary	1970
19710072833	Nimbus RMP support effort Final report, 31 Jan. 1968 - 30 Jun. 1970	1970
19710072834	European scientific notes, volume 24, no. 9	1970
19710072835	Signal processing by fiber optical modeling of an acoustic array	1970
19710072836	Review of recent developments. Beryllium	1970
19710072837	The effect of residual stresses on the buckling strength of fabricated HY-80 steel hemispherical shells Final report	1970
19710072838	Geophysics of the earth and planets Semiannual report, 1 Mar. - 31 Aug. 1970	1970
19710072839	Colloid thruster technology Quarterly report	1970
19710072841	Payload effects analysis study - Technical monthly monitoring meeting	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072853	Facilities planning in support of the space shuttle system	1970
19710072854	Hyperbolic guidance paths for the Correlation Protected Instrument Landing System and its extensions	1970
19710072855	A multiple-scale research program in tropical meteorology Quarterly progress report, 1 Mar. - 30 Jun. 1970	1970
19710072856	Altitude performance of five United Technology Center Titan 2 translation motors having ages from 82 to 88 months Final report	1970
19710072858	Microcircuit crystal oscillator Quarterly report, Jun. - Sep. 1970	1970
19710072859	Ionospheric heating Interim report, 1 Oct. 1969 - 1 Apr. 1970	1970
19710072860	Specific heats of HMX and RDX by the differential scanning calorimetric technique	1970
19710072861	The effect of viscous damping on dynamic load factors for single-degree-of-freedom systems subjected to nuclear air blast loads Research and development report	1970
19710072862	Modular solid state modulator development Final development report, 13 Oct. 1969 - 4 Sep. 1970	1970
19710072863	Study of the deformation mechanism of beryllium crystals Final report, 1 Apr. 1969 - 31 Mar. 1970	1970
19710072864	Shrinkage pressures and bond stability between binder and reinforcement in a fiber glass composite	1970
19710072865	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19710072866	Development testing of a high-gain adaptive control augmentation system installed in an F-4C aircraft, volume 1 Final report	1970
19710072867	Heat transfer section at Imperial College of Science and Technology, University of London	1970
19710072868	Research on solids at four new English universities	1970
19710072873	Qualification tests of one each, types MS 18045-70, 18045-72, 18045-74, and 18045-75, nickel-cadmium aircraft batteries manufactured by Gulton Industries	1970
19710072874	Thermal and catalytic decomposition of methoxylamine	1970
19710072875	Applied optics research Annual report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710072876	Dielectric properties of sea ice	1970
19710072877	Seal design modification for AFRPL stainless steel threaded connectors Final summary report, 1 Aug. 1969 - 1 Dec. 1970	1970
19710072878	Fourth-order tensor invariants and geometric representation	1970
19710072879	Air-to-ground A-4 tracking accuracy	1970
19710072880	Analysis of Teflon-coated tubes for shipboard evaporator applications Research and development report	1970
19710072882	Development of unified reliability prediction techniques for flight-control systems Final report, 15 Apr. 1969 - 28 Feb. 1970	1970
19710072883	World atlas of coastal biological fouling. Part 1 - North America, South America, Iceland and Greenland	1970
19710072884	Seismic array processing techniques Final report, 15 Jul. 1969 - 14 Jul. 1970	1970
19710072885	New ablative plastics and composites, their formulation and processing Summary report, Feb. 1969 - Feb. 1970	1970
19710072886	On the lubrication of titanium	1970
19710072887	Some design aspects of space shuttle orbiters	1970
19710072889	Analysis of external combustion on lifting- propulsive bodies, and shock-tunnel tests at free stream M of 7 and 10, part 1	1970
19710072890	Development of low thrust bipropellant rocket motors Final report	1970
19710072892	Noise in semiconductors Final report. 15 May 1968 - 15 Jun. 1970	1970
19710072893	Weight and balance	1970
19710072896	Estimation of planetary contamination probabilities by non-landing vehicles Interim report	1970
19710072897	Siege 2, phase 2. Volume 2 - System engineering Technical report, Mar. - Jul. 1969	1970
19710072898	Thermodynamics of chemical species important to rocket technology Interim report	1970
19710072899	Flightworthy graphite fiber reinforced composite aircraft primary structural assemblies, volume 1 Technical report, 21 Apr. 1969 - 15 Jul. 1970	1970
19710072900	Flightworthy graphite fiber reinforced composite aircraft primary structural assemblies, volume 2 Technical report, 21 Apr. 1969 - 15 Jul. 1970	1970
19710072903	Acoustoelectric research program Final report, 1 Nov. 1969 - 31 Oct. 1970	1970
19710072904	Review of recent developments. Corrosion and compatibility	1970
19710072907	Development of multicathode electron gun Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710072909	Investigation of the luminescent phenomena of high resistivity silicon and study of electrical characteristics of tunneling into low resistivity silicon Semiannual progress report, 20 Dec. 1969 - 19 Jun. 1970	1970
19710072911	Feed system instabilities Monthly progress report, 1-30 Nov. 1970	1970
19710072914	Integral equation approach to wideband inverse scattering. Volume 2 - Computer program descriptions and listings Final technical report	1970
19710072915	Manufacturing methods for large high-temperature sandwich structures, volume 2 Final technical report, Dec. 1965 - Jul. 1970	1970
19710072918	Size distribution, crystal form and falling velocity of snowflake	1970
19710072920	Research on visual inspection of defects enhanced by optics video Technical report, Jun. 1969 - Apr. 1970	1970
19710072921	Ultra high resolution electronic imaging Interim technical report, 1 Jun. - 31 Oct. 1970	1970
19710072922	A comparison of electrostatic analyzers for diagnostics of laser-induced plasmas	1970
19710072923	A light ion mass spectrometer experiment for OGO-E Quarterly report, 1 Jun. - 30 Nov. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072924	Photochromic materials research for optical display Progress report, 1 Jun. - 31 Aug. 1970	1970
19710072925	Study of the possible role of pollution in the prevalence of sea nettles in the Chesapeake Bay and the development of a census taking method Monthly progress report, Dec. 1970	1970
19710072926	Electroformed injector fabrication techniques Monthly progress report, 1-30 Nov. 1970	1970
19710072928	Investigation of the KB-18A camera installation in the A-7E aircraft Final report	1970
19710072929	Tests of sonic wide range oil atomizing burners Final report	1970
19710072930	Studies on a Frustrated Multiple Internal Reflection /FMIR/ detection system Quarterly progress report, Feb. - Apr. 1970	1970
19710072931	Oceanographic summary of the Pacific Missile Range Facility Hawaiian, Hawaiian Area Underwater Range	1970
19710072933	Supercharged ejector ramjet engine technology program. Addendum no. 1 to volume 2 - Heat transfer measurements in the SERJ translating ring nozzle model Final report	1970
19710072934	Machinability parameters on new and selective aerospace materials Interim engineering progress report, 1 Aug. - 31 Oct. 1970	1970
19710072935	Laser line scan sensitometry Final technical report, 1 Dec. 1968 - 28 Feb. 1970	1970
19710072936	High performance airborne 16 mm laser film recorder for TV-type sensors Final report, 17 Nov. 1969 - 30 Jun. 1970	1970
19710072937	Liquid-like sintering Final report, 17 Sep. 1969 - 17 Sep. 1970	1970
19710072938	Development testing of a high-gain adaptive control augmentation system installed in an F-4C aircraft, volume 2 Final report	1970
19710072942	Modified Scott resuscitator	1970
19710072943	Qualification tests of one, type MS 18045-71, 6 ampere-hour, nickel-cadmium, aircraft battery manufactured by the Marathon Battery Company	1970
19710072944	Epoxy coatings on water-tank interiors. Part 2 - Performance of test coatings Final technical report, 1965 - 1969	1970
19710072945	Special Emission Data Acquisition System /SEDAS/ exploratory development, phase 2 Progress report, 29 Jun. - 1 Oct. 1970	1970
19710072946	Signal generator model AN/URM-25/ /, serial X1 /Trilon/ Interim report	1970
19710072947	Fluidic/fluoric low frequency noise investigation Final report, 30 Jun. 1969 - 30 Jun. 1970	1970
19710072948	Radiation hardened power supply	1970
19710072949	DCS AUTODIN interface and control criteria	1970
19710072950	Study of optimum methods of optical communication through atmospheric turbulence Final technical report	1970
19710072951	The UCSD plasma detector Quarterly report	1970
19710072952	Dynamic target identification on television as a function of display size, viewing distance, and target motion rate	1970
19710072954	Output circuit design and analysis by coupled-in impedances and time-sharing computer	1970
19710072955	Metallic positive expulsion bellows for cryogenic propellants Quarterly progress report, period ending 30 Nov. 1970	1970
19710072956	Production techniques for extruding and drawing Beta 3 titanium alloy shapes Interim engineering report, 1 Jul. - 30 Sep. 1970	1970
19710072957	Stress state transducer development program. Phase 3 - Transducer fabrication. Phase 4 - Transducer evaluation Final report	1970
19710072958	A quarterly cost profile for ESFC space satellite projects	1970
19710072959	Research on cavitating pump instabilities Quarterly progress report, 26 Jun. - 30 Sep. 1970	1970
19710072961	Biosystems engineering research. Volume 1 - A dynamic model of the human postural control system Final report, 15 Mar. 1969 - 31 Jun. 1970	1970
19710072963	More notes on the establishment of aircraft approach limitations for helicopters	1970
19710072964	Measurement of complex permittivity and permeability Final report, Mar. 1969 - Mar. 1970	1970
19710072965	Design study for a military airborne DIGISPLAY system Final technical report, Dec. 1969 - Aug. 1970	1970
19710072966	Development of columbian alloy combinations for gas turbine blade applications Final report, 1 Jun. 1967 - 31 May 1970	1970
19710072967	Intratheater transportation requirement study - A procedure for constructing synthalogous environments. Volume 1 - Rationale	1970
19710072968	Investigation of the thermodynamic properties of rocket combustion products Final report, 9 Jun. 1969 - 9 Jun. 1970	1970
19710073004	WP-3A weather reconnaissance weapons system evaluation Interim report, 20-31 Oct. 1970	1970
19710073005	Helicopter hook extension equipment for external lift operations Interim report no. 1	1970
19710073006	Laser communication experiment Quarterly report, for period ending 30 Sep. 1970	1970
19710073007	NIMBUS D integration and support Final project report, 25 Sep. 1969 - 25 Sep. 1970	1970
19710073009	Limited Category 2 evaluation of QU-22B aircraft	1970
19710073010	Synthetic aperture helicopter radar experimental evaluation program Quarterly progress report, 1 Jun. - 31 Aug. 1970	1970
19710073011	Sleeve bearings and lubricants for advanced airframes Summary report	1970
19710073012	Production engineering measure for improved reliability of solid tantalum capacitors Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19710073013	High-temperature electrochemical research in metallurgy	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073014	Microwave acoustic and bulk device technique studies Interim technical report, 1 May - 31 Jul. 1970	1970
19710073015	Beam lead reliability Final technical report, Mar. 1969 - Jul. 1970	1970
19710073016	Test increment 120, Minuteman 3 wing 5 launch complex integration, field test report	1970
19710073017	Design evaluation of fluid devices	1970
19710073018	Production engine report, T53-L-701	1970
19710073022	Hydrogen-oxygen APS engines Monthly technical progress narrative	1970
19710073027	Improved dielectric films for semiconductor application Final report, 1 Nov. 1969 - 31 Oct. 1970	1970
19710073028	Status report, US Navy satellite geophysics program, April - June 1970	1970
19710073029	Low-frequency sound attenuation in open water Technical publication, Jun. 1969 - Jun. 1970	1970
19710073030	Progress report, 1 March - 31 August 1970	1970
19710073031	Integration support for gravity gradient package Final progress report	1970
19710073032	Design, processing, and testing of LSI arrays for space station Quarterly technical report	1970
19710073034	Some advanced computer memory techniques	1970
19710073035	Development of a process for producing transparent spinel bodies Final report, 15 Oct. 1969 - 15 Oct. 1970	1970
19710073036	The design of a 256 word by 64 bit solid state associative memory Technical report, Oct. - Dec. 1969	1970
19710073039	Investigation of advanced thrust chamber designs Monthly progress report, Dec. 1970	1970
19710073040	Analyses of NASA/DoD space applications and transportation system requirements, effectivity study Monthly progress report, Nov. 1970	1970
19710073041	Storable propellant lubricated bearings for upper-stage applications Final report, 24 Jun. 1968 - 15 Aug. 1970	1970
19710073042	Long period array processing development Quarterly report, 1 Aug. - 31 Oct. 1970	1970
19710073043	Structure test program-Advanced Structural Concept Experimental Program /ASCEP/ Technical report, Oct. 1965 - Jun. 1968	1970
19710073044	Effect of environment on insulation materials Monthly technical progress report, 1-30 Nov. 1970	1970
19710073045	Cast segment evaluation Quarterly technical progress report, 18 Mar. - 17 Jun. 1970	1970
19710073047	Space shuttle auxiliary propulsion /APS/ valves Monthly technical progress report, Nov. 1970	1970
19710073050	Magnetic and dielectric loss in magnetic insulators Final technical report, Jul. 1967 - Jul. 1969	1970
19710073051	RF attenuation versus mating torque Minuteman threaded electrical connectors Final report	1970
19710073052	Development of techniques for determination of relationship between surface and subsurface strains in boron-epoxy composites Final report, 18 Feb. 1967 - 18 May 1969	1970
19710073053	Evaluation of LCSS capacitors - APN 11076947-10, APN 11150663-1, APN 11150844-2, APN 11150867-1, APN 11150988-5, APN 11150655-1, APN 11150843-5, APN 11150844-11, APN 11150982-1, APN 11151698-1, and APN 11152284-24	1970
19710073054	Hypersonic heat-transfer rates on an AFFDL 80-deg slightly blunted delta wing Final report, 26 May 1969 - 16 Feb. 1970	1970
19710073055	Characteristics and performance of ovonic threshold and memory switches Technical report, Nov. 1968 - Nov. 1969	1970
19710073056	Structural integrity investigation of the rudder main hinge fitting lugs for the model A-7 aircraft Final report	1970
19710073057	Fatigue investigation of socket welds. Weld geometry 1 x 1T and 1 x 2T	1970
19710073058	Advanced ceramic systems for rocket nozzle applications Summary report, 1 Sep. 1969 - 31 Aug. 1970	1970
19710073059	Bipolar/MOS high-speed divider and phase comparator Interim technical report, 1 Jul. 1969 - 31 Mar. 1970	1970
19710073060	Advanced titanium alloy disk production and evaluation Interim engineering progress, 1 Oct. 1969 - 31 Oct. 1970	1970
19710073061	A wind tunnel investigation of the performance of RF-4C optical sensors Final report, Jun. 1969 - Jul. 1970	1970
19710073062	Manufacturing methods program argon lasers Quarterly report, 1 Jun. - 31 Aug. 1970	1970
19710073063	Theoretical and experimental study of the electrical properties of ice	1970
19710073064	Antioxidants and stabilizers, 20	1970
19710073065	Electrical impedance of the human body for HF /2-30 MHz/ band, initial results	1970
19710073066	An investigation of the fatigue properties of welded Ti-6Al-4V alloy	1970
19710073067	SRI PUFF 3 computer code for stress wave propagation Technical report, 6 Aug. 1969 - 1 Feb. 1970	1970
19710073068	A study of the capabilities and benefits of navigation and traffic control satellites. Volume 3 - Study of altitude determination from satellite signals Final report	1970
19710073069	Development and test of a highly energetic A1H3 difluoramino propellant /U/ Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710073070	Manufacturing methods for explosive binder components /U/ Interim engineering progress report no. 1, 1 Apr. - 31 Jul. 1970	1970
19710073071	Millimeter wave radiometric target acquisition system /U/ Final report, 4 Sep. 1968 - 1 Mar. 1970	1970
19710073074	Frequency coding in aviation armament release systems /U/	1970
19710073075	Simulation rocket plume effects on a delta wing reentry body at Mach numbers 6, 8, and 10 /U/ Final report, 11 May - 23 Jun. 1970	1970
19710073077	Multi-mode seeker captive flight test program /U/ Final report, 9 Jul. - 30 Sep. 1969	1970
19710073080	Atmospheric diffusion of beryllium program /Project Adobe/, volume 3 Technical report, Apr. 1964 - Feb. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073081	Atmospheric diffusion of beryllium program /Project Adobe/, volume 2 Technical report, Apr. 1964 - Feb. 1970	1970
19710073082	On the theory of linear crystallization velocity	1970
19710073083	High pressure ratio centrifugal compressor program Quarterly technical progress report, 1 Aug. - 31 Oct. 1970	1970
19710073084	Experimental investigation of combustor effects on rocket thrust chamber performance Monthly status report, period ending 1 Dec. 1970	1970
19710073085	Project 15 G-B2299 Quarterly report, 1 Sep. - 30 Nov. 1970	1970
19710073087	Grinding process optimization Interim engineering progress report, 15 Apr. - 15 Aug. 1970	1970
19710073088	Some comments on air condensation effects in a hypersonic helium tunnel	1970
19710073089	Calculation of the downwash on the centre line of a swept wing with given load distribution	1970
19710073090	Study of effects of diffused layers on the fatigue strengths of commercial titanium alloys Final technical report, 1 May 1969 - Mar. 1970	1970
19710073092	Calculation of stress-strain curves from relaxation data in the rubbery-flow region	1970
19710073093	A finite element program for calculating free vibration of plates	1970
19710073094	Lower tropospheric structure as seen by a high-resolution radar Research and development report, Jan. - Dec. 1969	1970
19710073095	A thermodynamic theory on the vapor pressure and melting point of ice under elastic strain	1970
19710073096	Arctic environmental test of aviation support equipment Final report on materiel test procedure	1970
19710073099	Theoretical investigation of the switching mechanism in a bistable wall attachment fluid amplifier	1970
19710073100	Arecibo 430 MHz feed development study Quarterly engineering report, 15 Jul. - 15 Oct. 1970	1970
19710073101	Review of recent developments - Power metallurgy	1970
19710073102	Review of recent developments - Nickel and cobalt-base alloys	1970
19710073103	High frequency technology and electron-acoustics	1970
19710073104	Effect of rotor blade root cutout on vertical drag Final report	1970
19710073105	Manufacturing methods for mercury doped germanium infrared detector arrays Interim report, 1 Jun. - 31 Aug. 1970	1970
19710073106	Production engineering measure solid encapsulated semiconductor devices Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19710073109	Ferrite pot core	1970
19710073110	Penetrant brightness measurement test Technical report, Aug. 1968 - Dec. 1969	1970
19710073111	Resistance of plastics to outdoor weathering	1970
19710073112	Study of tracking errors in the GRARR S-band receiver Final report, Feb. - Sep. 1970	1970
19710073113	A few problems and experiences with anti-corrosive paints and coating systems within the chemical industry	1970
19710073115	The behavior of lead azido chlorine by differential thermal analysis	1970
19710073118	Experimental technology for advanced antitank-weapon propulsion /U/	1970
19710073122	Monolithic propellant grain for Sheridan weapon system /U/ Final report, Sep. 1969 - Jul. 1970	1970
19710073123	Exploratory development of an Advanced Throttling Slurry Engine /ATSE/ /U/ Final report, Jan. 1969 - May 1970	1970
19710073124	Burning rates and sensitivity data for explosive D, composition A-3 and PBXW-106 /U/	1970
19710073125	STANO 3 - Unattended ground sensor combat evaluation /U/ Final report, Mar. - May 1970	1970
19710073128	Supercharged ejector ramjet engine technology program. Volume 2 - Hydrocarbon fuel heat sink/cooling definition variable geometry exit nozzle advanced hydrogen peroxide catalyst pack /U/ Final report	1970
19710073129	Supercharged ejector ramjet engine technology program. Volume 3 - Conceptual engine design /U/ Final report	1970
19710073131	Suppression of combustion instability in solid rocket motors with propellant additives and physical methods /U/	1970
19710073133	Research and development of high-density, high-energy, castable explosives /U/ Quarterly technical progress report	1970
19710073134	Space isotope power program /U/ Quarterly report, Jul. - Sep. 1970	1970
19710073135	Space electric power R and D program /U/ Quarterly status report, period ending 31 Oct. 1970	1970
19710073136	Nuclear pulsed space propulsion systems /U/	1970
19710073138	Investigations on flow machinery optimum primary losses in axial cascades and axial stages of flow machines	1970
19710073139	Asynchronous digital combining techniques at megabit rates	1970
19710073140	Some European research on the photographic process	1970
19710073141	Exploratory development of nondestructive testing techniques for diffusion bonded interfaces Summary technical report, 1 Feb. 1969 - 30 Apr. 1970	1970
19710073142	Application of analog/hybrid and hybrid computers to the study of shock mitigation systems	1970
19710073143	Complexity problems and formal language theory Semiannual status report, 1 Jul. - 31 Dec. 1970	1970
19710073145	Radio frequency isolators Quarterly report, 1 Jan. - 31 Mar. 1970	1970
19710073146	Sonar dome flow noise	1970
19710073147	Failure analysis - GE4 compressor rear frame, engine 007	1970
19710073148	Exploratory study of a polystation Doppler system Final report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073149	Thermal behavior and compatibility of materials of construction at Rocky Flats. Part 1 - Laboratory studies	1970
19710073151	Transformation /analyzer/ device using post- detector signal pattern rotators for multiparameter eddy current tester	1970
19710073152	Translations on French nuclear, missile, space, and related military developments, no. 255	1970
19710073154	Application of blade-element techniques to design and performance prediction problems for axial-flow turbomachinery Progress report, 1 Apr. - 30 Dec. 1970	1970
19710073155	Application of modern control theories to practical problems Progress report, 1 Jul. 1970 - 1 Jan. 1971	1970
19710073157	Laser isotope separation and induced gamma-ray emission	1970
19710073158	Cycle testing of cryogenic expulsion bellows Monthly technical progress narrative, Nov. 1970	1970
19710073159	Thermal skin fabrication technology program Monthly report, 1-30 Nov. 1970	1970
19710073160	Study of radiation effects on liquid propellants	1970
19710073161	Stress corrosion resistance of die forged 7049-T73 aluminum alloy Progress report	1970
19710073162	Two kilowatt long life battery Final technical documentary report, 1 Jan. 1969 - 31 Jul. 1970	1970
19710073163	Studies of the influence of boundary-surface- active media on the strength and deformation properties of metallic materials	1970
19710073164	A numerical procedure for constructing shock-wave envelopes around conical bodies using data from Schlieren photographs	1970
19710073169	Solid state infrared laser devices Interim technical report, 4 Mar. 1969 - 30 Jun. 1970	1970
19710073176	Altitude simulation for a segment of a model aerospike nozzle /U/	1970
19710073183	Energy sensitivity of doped poly/halodstyrene dosimeter films	1970
19710073184	Irradiation effects on reactor structural materials Quarterly progress report, May - Jul. 1970	1970
19710073186	Evaluation of modified charge spacer for 2.75-inch folding fin air rocket	1970
19710073187	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19710073188	The 12001 Little John, Missile No. 2238, Round No. 66RO /25 September 1970/	1970
19710073190	Mass-spectrometric studies of graphite vaporization at high temperatures Quarterly technical management report no. 7, 1 Jul. - 30 Sep. 1970	1970
19710073191	Flexural fatigue behavior of welded and unwelded 17-4 PH stainless steel and titanium alloy Ti-6Al-2Cb-1Ta-d.8Mo	1970
19710073192	The response of H4-130 and H4-180 steels to tempering	1970
19710073193	Mechanisms of sand and dust erosion in gas turbine engines Final report, Jul. 1968 - Dec. 1969	1970
19710073194	Category 2 test of the Tactical Air Control center Final report, 2 Sep. 1969 - 27 Feb. 1970	1970
19710073195	Development of the tilt-edge bellows concept Final report, 1 Jan. 1968 - Sep. 1970	1970
19710073196	Integrated circuit techniques for display Quarterly progress report, 2 Dec. 1969 - 1 Mar. 1970	1970
19710073197	Signal processing studies for large array research	1970
19710073203	Rocket propellant program, Propellants Laboratory /U/ Technical status report, Apr. - Jun. 1970	1970
19710073204	Development of a high chamber pressure engine using IRFNA/UDMH /U/	1970
19710073205	Techniques for processing laser signals for target enhancement /U/ Final technical report, 1 Jul. 1969 - 15 May 1970	1970
19710073213	Mound Laboratory isotopic power fuels programs - July - September 1970 /U/	1970
19710073214	Propellant technology /U/ Final quarterly progress report, Jul. - Sep. 1970	1970
19710073215	Handbook of propellant formulations /U/	1970
19710073217	Development of high temperature resistant materials for use in naval ordnance /U/ Summary report, Jul. 1969 - Jul. 1970	1970
19710073218	Reflectivity patterns of surfaces illuminated with polarized laser radiation /U/	1970
19710073220	Lethality of long hollow cylinders impacting normal and oblique targets /U/ Final report, 8 Jul. 1968 - 22 Apr. 1970	1970
19710073221	Advanced kinematic bombing system, flight test /U/ Final report, 30 Sep. 1969 - 9 Jul. 1970	1970
19710073222	Abstracts of special technical reports S-201 through S-291 and lists of quarterly progress reports P-series and AF-series /U/	1970
19710073226	Lethality of long hollow cylinders impacting normal and oblique targets /U/ Final report, 8 Jul. 1968 - 22 Apr. 1970	1970
19710073237	An improved Walleye television guidance system /U/	1970
19710073238	An improved Walleye television camera /U/	1970
19710073239	Walleye Mk 1 Mod 0 generalized two- dimensional separation study /U/	1970
19710073244	Manufacturing methods for aluminum hydride production /U/ Interim engineering progress report, 16 Dec. 1969 - 15 Apr. 1970	1970
19710073248	Solid state microwave electronics Quarterly progress report	1970
19710073252	Evaluation of absorption cycle for space station environmental control system applications Monthly progress report	1970
19710073255	Error analysis of earth physics satellite systems Semiannual report, 1 Apr. - 30 Sep. 1970	1970
19710073259	Electronically scanned horizon sensor Final report	1970
19710073260	ASEE, Case, NASA Lewis summer faculty fellowships Final report	1970
19710073261	Metallic positive expulsion bellows for cryogenic propellants Monthly progress report for period ending 31 Dec. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073263	Light-induced processes occurring in laser materials Final quarterly report, 29 Aug. 1969 - 4 Sep. 1970	1970
19710073266	Analysis of space station impact on KSC, volume 1 /MSFC-DRL-160 line item 22/	1970
19710073270	High speed sled tests of AGM-12C Bullpup missile nose cone as part of joint Navy/ Air Force evaluation program /U/	1970
19710073271	Development of a thermally stable energetic binder system for solid propellants /U/ Final report, 2 Jan. 1969 - 31 Jul. 1970	1970
19710073279	Processing and transmission of information Quarterly progress report	1970
19710073280	The 1970 NASA-ASEE Summer Faculty Fellowship Program Final report, 15 Jun. - 21 Aug. 1970	1970
19710073281	Observations of the 2 pi ^{1/2} , J equals 1/2 state of interstellar OH	1970
19710073282	Quarterly status report	1970
19710073284	Remote atmospheric sensing Final report	1970
19710073287	LWIR mosaic captive-flight-test system Quarterly report, 6 Aug. - 31 Oct. 1970	1970
19710073288	New velocity measuring technique using dual- scatter laser Doppler shift Final report, Jul. 1969 - Jul. 1970	1970
19710073289	Preliminary air pollution engineering survey no. 21-002-71, Pueblo Army Depot, Pueblo, Colorado, 10-11 August 1970	1970
19710073292	Geans, phase 1. Volume 1 - System design /U/ Final report, Apr. 1968 - May 1970	1970
19710073293	GEANS, phase 1. Volume 2 - Gyro design and cost of ownership /U/ Final report, Apr. 1968 - May 1970	1970
19710073294	GEANS, phase 1. Volume 3 - Gyro test results /U/ Final report, Apr. 1968 - May 1970	1970
19710073295	GEANS, phase 1. Volume 4 - Appendixes /U/ Final report, Apr. 1968 - May 1970	1970
19710073297	Study and investigation of signal processing techniques for 3-D spatial resolution /U/ Final report	1970
19710073298	Experimental investigation at hypersonic speeds on increasing usable volume of lifting bodies /U/ Final report, Jan. 1966 - Jan. 1969	1970
19710073299	Hypervelocity rocket program /U/	1970
19710073300	Research on atmospheric diffusion and turbulence Technical progress report, 1 May - 31 Oct. 1970	1970
19710073301	Studies in radiation and catalytic chemistry by mass spectrometry, flash photolysis and magnetic techniques Progress report, 30 Sep. 1969 - 30 Sep. 1970	1970
19710073302	A method for establishing instrument approach limitations for helicopters	1970
19710073304	Hydrocarbon Scramjet feasibility program. Part 1 - Fundamental investigations of bi-liquid pilots for the hydrocarbon fueled Scramjet /U/ Technical report, Nov. 1967 - Nov. 1968	1970
19710073305	Advanced laser system study. Volume 3 - Chemical laser technology /U/ Technical report, 8 Jun. - 10 Oct. 1970	1970
19710073310	TA-4F aircraft, ESCAPAC 1C-3 escape system, flight test Final report, 22 Jun. - 14 Aug. 1970	1970
19710073312	Free machining stainless steel	1970
19710073314	Qualification report for semiconductor devices, diode per BuWeps drawing 2638900	1970
19710073316	Evaluation of corrosive effects of a natural salt air environment on a T56-A-14 engine	1970
19710073317	Semiannual report for period 1 July - 31 December 1970	1970
19710073322	Advanced versatile prepackaged slurry liquid rocket engine /AVE/ /U/	1970
19710073323	Injectors for the space shuttle main engines /U/	1970
19710073324	The results of investigations into the service life of a liquid propulsion system after long term storage	1970
19710073325	Development of advanced monopropellant reaction control systems for outer planet missions /U/	1970
19710073326	Status of combustion stability design criteria /U/	1970
19710073327	Study of high-performance liquid propulsion systems for unmanned planetary orbiters /U/	1970
19710073328	A three lobe collapsing positive expulsion unit	1970
19710073329	Liquid expulsion with cryogenic capillary devices /U/	1970
19710073331	Throttleable injector design criteria and injector/thrust chamber interaction techniques for rocket engine performance optimization /U/	1970
19710073332	Acoustic liner for an ablative chamber feasibility study - Materials evaluation /U/	1970
19710073333	Survey of inlets for ramjets /U/	1970
19710073334	A safe, low cost, tactical hybrid rocket motor /U/	1970
19710073335	Influence of gas generator fuel sources on ramjet cycle analysis /U/	1970
19710073336	Bipropellant attitude control rocket engine exhaust contamination and its effect on spaceborne equipment	1970
19710073337	ASEE - NASA summer research program 1970 Final report	1970
19710073338	ASEE - NASA summer faculty fellowship program Final report	1970
19710073339	Summer faculty fellowships Final report, 1970	1970
19710073342	Rocket propellant handler's suit Final technical report, Sep. 1969 - Jul. 1970	1970
19710073343	A method for solving the transcendental equations required for the measurement of dielectric constants in the microwave range	1970
19710073345	Application of Nimbus 2 15-micron data to obtain stratospheric density and thickness Final report	1970
19710073346	Techniques for producing beryllium oxide single crystals Interim engineering progress report, 1 Jan. - 31 Mar. 1970	1970
19710073347	Review of recent developments. High-strength steels	1970
19710073348	Review of recent developments. Powder metallurgy	1970
19710073349	Ceramic awareness bulletin number 22, May - June 1970	1970
19710073350	Investigation of the effect of metallurgical structure and properties on the adhesion and friction behavior of cobalt alloys	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073361	Airborne MTI techniques for foliage penetration /U/ Quarterly progress report 1 Jan. - 31 Mar. 1970	1970
19710073362	Airborne MTI techniques for foliage penetration /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1970	1970
19710073363	Hydride crystallization, volume 1, phase 1 /U/ Summary technical report, 1 Feb. 1967 - 31 Oct. 1968	1970
19710073364	Hydride crystallization, volume 2, phase 2, stages 1 and 2 /U/ Summary technical report, 14 Apr. 1969 - 9 Jan. 1970	1970
19710073365	Expendable Turbine Engine /ETE/. Volume 1 - Technical /U/ Final report, 27 Jan. - 30 Jun. 1970	1970
19710073366	Expendable Turbine Engine /ETE/. Volume 2 - Appendixes /U/ Final report	1970
19710073369	Advanced maneuvering propulsion technology program. Volume 2 - Fluorine/hydrogen engine critical component demonstration testing /U/ Interim final report, Nov. 1967 - Jun. 1970	1970
19710073383	OGO-4 study Final report, Jun. 1968 - Jul. 1970	1970
19710073384	A contribution to the experimental investigation of friction cam gears	1970
19710073385	Quarterly report, October - December 1970	1970
19710073398	Low gravity orientation of cryogenic propellants /U/ Technical report, 4 May - 31 Oct. 1970	1970
19710073406	Space communications - Division 6 Quarterly technical summary report, 1 Jun. - 31 Aug. 1970	1970
19710073407	Visit allocation model. Volume 1 - Algorithm description	1970
19710073423	Qualification tests of one type MS 18045-73, 13 ampere-hour, nickel-cadmium aircraft battery manufactured by Gulton Industries	1970
19710073427	Active impedance matching for microwave acoustic delay lines Quarterly progress report	1970
19710073428	Evaluation of Motorola 2N3792 power transistors for space flight applications	1970
19710073430	The 7289 planar triode improvement program Final report	1970
19710073431	Further laboratory studies of the perturbed upper atmosphere Final report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710073432	An economic comparison of analog versus digital-based common user communications	1970
19710073433	Laboratory test of Litton model A-1000 accelerometer Final report, 2 Mar. - 24 Jun. 1970	1970
19710073435	Reliability verification test for part number 2760506-1 reactor, electrical	1970
19710073445	Turbulent boundary layer noise, summary from 1965	1970
19710073447	Acoustic frequency irregularities in the ionosphere	1970
19710073448	Evaluation of high speed and high current power transistors	1970
19710073449	Corrosion of ferrous, copper and nickel based alloys in deep ocean environments	1970
19710073450	MSA Pneolator Resuscitator/Mine Safety Appliances H-4 Code 40912/	1970
19710073451	Marotta replacement O-rings analysis /Disogrin Industries, H-4 code 05262/	1970
19710073456	Preliminary air pollution engineering survey no. 21-003-71 Fort Carlson, Fort Carlson, Colorado, 12-14 August 1970	1970
19710073458	Laboratory test of Litton's model G-1200 gyroscope Final report, 20 Nov. 1969 - 18 May 1970	1970
19710073459	Influence of the atmospheric pressure changes on the solid and liquid components of the Earth's surface	1970
19710073460	Dipped, 1-2 watt C3 reliability verification test procedure part no. 2760061-5C1501, -5 CORO	1970
19710073472	Qualification and pilot test P/N 10231938, oscillator transformer	1970
19710073473	Summary evaluation report for Pinlite 15-15 lamps	1970
19710073474	Cleaning and chemical treatment of aircraft surfaces to provide optimum cleaning properties Final summary report, 23 Oct. 1967 - 23 Oct. 1970	1970
19710073475	Qualification and pilot lot test P/N 10231941 oscillator transformer	1970
19710073480	Air pollution engineering source and atmospheric sampling survey no. 21-029-70/71, Indiana Army Ammunition Plant, Charlestown, Indiana, 20 April - 5 June 1970	1970
19710073481	Gravity gradient stabilization and attitude determination for the Delta applications technology satellite	1970
19710073495	Thermal skin fabrication technology program Monthly report, 1-31 Dec. 1970	1970
19710073496	Cryogenic filament-wound tank evaluation Monthly progress report, 30 Nov. - 31 Dec. 1970	1970
19710073497	Subsonic theoretical lift-curve slope, aerodynamic centre and spanwise loading for arbitrary aspect ratio, taper ratio and sweepback	1970
19710073499	Critical Analysis and Review of the State of the Art in Space Medicine	1970
19710073500	Development and experimental investigation of bellows concepts for cryogenic seal applications Technical report, period ending 10 Dec. 1970	1970
19710073504	Engine effect on sonic boom-unsteady engine inlet interaction Progress report, Jul. - Dec. 1970	1970
19710073509	Investigation of the difficulties associated with the use of lead telluride and other II-VI compounds for thin film thermistors Progress report, 1 Jun. - 30 Nov. 1970	1970
19710073511	Detection of defective electrical connectors and connections by X-ray methods	1970
19710073513	Qualification test report for Dickson electronics capacitor, solid tantalum	1970
19710073514	Qualification test report on Kemet capacitor, solid tantalum	1970
19710073515	Qualification test report on Sprague electric capacitor, solid tantalum	1970
19710073516	Qualification report for microelectronic device per BuWeeps drawing 2808573	1970
19710073517	Qualification report for microelectronic devices per General Dynamics drawing 423-800063	1970
19710073536	Navigation and position location for the 1990 Army. Volume 2 - Appendices C-G /U/	1970
19710073538	Injector/chamber scaling feasibility program. Volume 1 - Design and short duration testing /U/ Final report, 8 Jul. 1968 - 1 Sep. 1969	1970
19710073539	Injector/chamber scaling feasibility program. Volume 2 - Ablative chamber design and long duration testing /U/ Final report, 11 Dec. 1968 - 5 Feb. 1970	1970
19710073547	Construction and electrical data of domestic high output silicon switching transistor	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073548	Canadian materials newsletter no. 43	1970
19710073549	Applied Physics Division progress report for 1 July - 30 September 1970	1970
19710073561	Qualification report for connector, electrical per BuWeps drawing 2841221	1970
19710073562	Qualification report for connector, plug per General Dynamics drawing 423-800094	1970
19710073564	C-3 reliability verification test procedure part number 2760061-5C1501, -5COR10	1970
19710073565	C-3 reliability verification test procedure part number 2760216-1C	1970
19710073567	Qualification report for microelectronic devcie per General Dynamic drawing 423-800175	1970
19710073572	The Army Communications-Electronics Management Information System /ACEMIS/, coordination draft, master development plan. Volume 3 - Existing and planned systems, facilities and projects	1970
19710073573	The Army Communications-Electronics Management Information System /ACEMIS/, coordination draft, master development plan. Volume 4 - Development program	1970
19710073574	Electromagnetic compatibility test plan/ procedures /SESP Flight 70-1/	1970
19710073575	Bibliography of in-house and contract reports	1970
19710073577	Chemistry and Materials Science Division progress report, 1 April - 30 June 1970	1970
19710073579	Quarterly progress report for the period, 1 October - 31 December 1970	1970
19710073584	Rotary amplifier systems manual	1970
19710073585	Airfield arresting equipment location criteria	1970
19710073586	Electron-proton spectrometer Quarterly report, 1 Aug. - 31 Oct. 1970	1970
19710073590	Life support in unusual environments Semiannual status report	1970
19710073593	Qualification report for 'N' channel field effect, transistor per General Dynamics drawing 423-800080	1970
19710073603	Busy Hour Model /BHM360/ program reports	1970
19710073604	P-3C avionic cooling improvement monitor Interim report	1970
19710073610	Millimeter wave experiment for ATS-F Quarterly report, 15 Aug. - 15 Nov. 1970	1970
19710073611	Signal conditioning system, feasibility model, design, fabrication and test Final report, Sep. 1969 - Jul. 1970	1970
19710073614	Physical base of MOS transistors - The metal oxide semi-conductor system	1970
19710073616	Flight model control structure and thermal subsystem, Nimbus D Final report	1970
19710073617	Solid state detector development for SCADS Final report	1970
19710073621	Tri-color cathode ray tube, volume 2 Final technical report, Jan. 1969 - May 1970	1970
19710073624	The turbogyro 330	1970
19710073638	Progress report, 1 July 1969 - 31 December 1970	1970
19710073641	Improvement of interlaminar shear strength in organic matrix composites utilizing plasma deposited coupling agents Quarterly progress report, 1 Jul. - 1 Oct. 1970	1970
19710073643	Semiannual status report, 1 July - 31 December 1970	1970
19710073644	Research on noise generation from large fan engines Quarterly report, 16 Jul. - 15 Oct. 1970	1970
19710073645	Direct IF sampler Final report, Apr. - Aug. 1970	1970
19710073646	Oceanographic multispectral scanning system Monthly progress report, 15 Oct. - 30 Nov. 1970	1970
19710073648	Electrical and telluric measurements on the great glacier of Aletsch	1970
19710073650	Mathematical analysis and computer programming services in support of the SAPPAC experiment for the ATS spacecraft Quarterly report	1970
19710073651	Sounding rocket vehicle support services Final report	1970
19710073652	Survey of OSO-H star sensor software Final report	1970
19710073655	The lunar laser ranging experiment at McDonald Observatory Annual status report, 1 Sep. 1969 - 31 Aug. 1970	1970
19710073658	Analysis of space station impact on KSC /MSFC-DRL-160 line item 22/. Volume 2 - Appendixes	1970
19710073668	Test report for relief valve, 1-inch, 10000 psig, Mission Value and Pump Company, series 1530, drawing no. 16046	1970
19710073671	The effects of a circular, pressure-release baffle on the transmit and receive characteristics of a sonar transducer Quarterly progress report	1970
19710073672	A selective bibliography of papers published between January 1965 and December 1969 on shallow water acoustics and sonar	1970
19710073673	A computer program and representative results for oscillations in a spinning container partially filled with liquid	1970
19710073674	A review of attenuation data from the ELF model	1970
19710073675	Noise study for TFO extended short-period array. Seismic array processing techniques	1970
19710073678	Investigation of EC-2273 potted connectors removed from F-4 aircraft in Shoehorn program	1970
19710073680	C/P array design support on design of mounting system	1970
19710073681	Shock analysis - Develop strain measurement techniques	1970
19710073682	Checking TR208 SQS-23 flexing head model/establish guidelines for parametric use of equivalent 2x2 flexing head models	1970
19710073685	Test report for manual valve, 1-inch, 10000 psig, Control Components, Incorporated P/N MV1316SL	1970
19710073687	AVLF cable handling development Interim report, Jun. - Dec. 1969	1970
19710073695	Propagation measurement systems Final report	1970
19710073697	Linear system design - Application of state space methods to the design of linear time- invariant systems Technical publication, Nov. 1968 - Sep. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073698	Selection of plastic materials and characteristics for interstices and baffles /MONG/	1970
19710073699	Radar target study Final report, 1 Sep. 1969 - 31 Jul. 1970	1970
19710073700	Strain-transferable beta titanium-base alloys Final technical report, 1 Jul. 1969 - 1 Aug. 1970	1970
19710073701	Test report for pressure regulator, 10,000 psig inlet, 0 to 6000 psig outlet, Grove Valve and Regulator Company, P/N 112B	1970
19710073702	Test report for pneumatically operated valve, 2-inch, 10,000 psig, Masoneilan International, Incorporated, model 7520	1970
19710073703	Test report for pneumatically operated valve, 2-inch, 10,000 psig, Gray Tool Company, stock no. 68235	1970
19710073704	Tapes, adhesive	1970
19710073705	Test report for pneumatically operated valve, 2-inch, 10,000 psig, Grove Valve Company, drawing no. M-16522-V	1970
19710073712	MOBIL 2 - A computer program for the determination of a 2x2 and 3x3 mobility matrix for a variable thickness disk	1970
19710073713	Trap /time response approximation/ program documentation	1970
19710073714	Checking TR208 flexing head model - Apply additional loads	1970
19710073715	Development of an approach to compute far-field time dependent pressures from an array of square pistons with a specified velocity distribution	1970
19710073717	Development of transparent spinel /MGAL204/ Final report, 27 Jun. 1969 - 26 Jun. 1970	1970
19710073718	Segmented representation of a measured travel time curve with restricted power series and its evaluation in refraction seismology	1970
19710073721	Selection of rubber materials and characteristics for mounts and interstices	1970
19710073722	A technique for computing normalized mutual radiation impedance coefficients for square or rectangular pistons in a planar baffle	1970
19710073723	Development of an approach to study the transient behavior of transducers in infinite or very large planar arrays	1970
19710073726	Electromagnetic pulse sensor and simulation notes. Volume 2 - Notes 27 through 43	1970
19710073727	Electromagnetic pulse sensor and simulation notes. Volume 3 - Notes 44 through 55	1970
19710073728	Electromagnetic pulse sensor and simulation notes. Volume 5 - Notes 68 through 78	1970
19710073732	Papers from the Colloquium on Microbial Deterioration of Materials	1970
19710073733	Metallized dielectric film capacitors - Summary list of specification sheets in effect	1970
19710073734	Development of oxidation resistant, high strength, columbium-base alloys Final technical report, 1 Jul. 1966 - 30 Jun. 1969	1970
19710073736	Acceptance test report on pulse Doppler modification on AN/FPS-16 S/N 13 and S/N 24	1970
19710073737	Evaluation of the Cobra Night Fire Control System Covert Illuminator /CNFCSCI/ Radiation protection special study, Aug. - Sep. 1970	1970
19710073738	EHF naval communications	1970
19710073740	Laser-hologram multicolor moving map display system Final report, 29 Aug. 1969 - 29 Aug. 1970	1970
19710073741	Circuit breaker	1970
19710073742	The mechanism and kinetics of aerosol filtration Quarterly progress report, Nov. 1969 - Jan. 1970	1970
19710073743	Review of recent developments. Oxidation- resistant coatings for refractory metals	1970
19710073744	Research on molecular lasers	1970
19710073745	Survivable flight control system program. Simplex actuator package Interim technical report, 7 Jul. 1969 - 16 Nov. 1970	1970
19710073746	Coverage analysis for ballistic missiles, volume 1	1970
19710073747	Coverage analysis for ballistic missiles. Volume 2, part 1 - Appendix F and G	1970
19710073748	Coverage analysis for ballistic missiles. Volume 2, part 2 - Appendixes H, I, and J	1970
19710073749	Results of a literature search comparing the seismic effects of chemical and nuclear explosions - Statistical discrimination	1970
19710073750	Solid state and materials research in mid-England	1970
19710073753	Elastohydrodynamic lubrication - Preliminary design manual Annual report, Feb. 1969 - Feb. 1970	1970
19710073754	Design and development of laboratory model Vuilleumier cycle cryogenic refrigerator Final report, 20 Mar. 1969 - 30 Jan. 1970	1970
19710073755	Some solid state and materials research in southern England	1970
19710073757	Model FH-701B /EN-95/ continuous enlarger /kit proofing/ Final report	1970
19710073759	Infrared coherent detection techniques Quarterly progress report, 15 Feb. - 15 Jun. 1970	1970
19710073770	An approach to compute the velocity time response of a transducer using a Z-transform approach	1970
19710073772	Preproduction tests of two nickel-cadmium aircraft batteries manufactured by Gulton Industries, Incorporated, 1 Final report	1970
19710073773	Preproduction tests of two nickel-cadmium aircraft batteries manufactured by Gulton Industries, Incorporated, 2 Final report	1970
19710073774	Qualification tests of one each, types MS18045-41 and MS18045-42, lead-acid aircraft storage batteries manufactured by Gould-National Batteries, Incorporated Final report	1970
19710073775	Phase 1A Navy preliminary evaluation of the A-4M airplane Interim report no. 3	1970
19710073776	Photographic film drier EL-16 // Final technical report, 3 Jun. 1968 - 21 Feb. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073777	Fabrication and flight evaluation of large- area ultrasoft X-ray detectors suitable for spacecraft application Quarterly report, 24 Sep. - 23 Dec. 1970	1970
19710073779	Space rescue operations study Monthly progress report, period ending 31 Dec. 1970	1970
19710073780	The effect of particle and fluid properties on the pressure drop and heat transfer coefficient of a dilute flowing gas-solid suspension Progress report, Jul. - Dec. 1970	1970
19710073781	The influence of temperature on fatigue-crack growth Quarterly status report, 1 Oct. - 31 Dec. 1970	1970
19710073782	Optimal space communications techniques Status report, 15 Sep. - 15 Dec. 1970	1970
19710073785	Payload effects analysis study Monthly progress report	1970
19710073787	Axial forces on cone-cylinders in transitional rarefied hypersonic flow Final report	1970
19710073796	Compatibility studies for viable titanium matrix composites	1970
19710073797	The Ballistic Research Laboratories, RAD CHEM code, a user's manual	1970
19710073798	Sensitivity enhancement techniques for liquid droplet detection Quarterly progress report, Jun. - Aug. 1970	1970
19710073799	Time dependent analysis of radiation pulse data	1970
19710073800	Roots of equiripple insertion loss functions for commensurate line filters	1970
19710073801	Navy nuclear shore systems program, 1969 Annual report	1970
19710073803	Exploratory development program on the rotating combustion engine using the RC1-90 test rig Final report, 1 Apr. - 31 Oct. 1970	1970
19710073804	Compatibility studies of polymeric materials with methylphosphonic difluoride Final report, Jun. 1969 - Aug. 1970	1970
19710073806	A prototype digital control concept for aircraft propulsion systems	1970
19710073808	The development of a transform approach to investigate the transient behavior of transducers in an array	1970
19710073809	Support, test and evaluation of AN/AWG-10 Missile Control System /MCS/ improvements for F-4J aircraft Interim report, Jul. - Sep. 1970	1970
19710073810	User's manual - Extended capability magnus rotor and ballistic body 6-DOF trajectory program Final report, 6 Oct. 1969 - 6 Apr. 1970	1970
19710073815	Effects of alkaline nonetch and etch cleaning on a MIL-C-5541B chromate finish	1970
19710073816	Radio astronomy Quarterly progress report	1970
19710073818	ASEE - NASA summer institute, 1970. Stanford-Ames program /research type/ Final report	1970
19710073819	NASA - ASEE summer faculty systems engineering program, 1970 Final administrative report	1970
19710073820	UNISTAR - User Network for Information Storage, Transfer, Acquisition, and Retrieval. NASA - ASEE engineering systems design faculty fellowship program Administrative report, 15 Jun. - 28 Aug. 1970	1970
19710073821	ASEE - NASA summer faculty research institute Final report, 1970	1970
19710073822	Environmental qualification test report, flight components, Athena H, commutator ST-20039	1970
19710073830	Radical stabilities in nitrogen containing heterocyclic radicals and geometrical influences in organic molecules Interim progress report letter, Jul. - Dec. 1970	1970
19710073832	Application of digital computer techniques to rectification and enhancement of astronomical images, 1 December 1969 - 31 July 1970	1970
19710073836	Laser Division Digest, fall 1970 Semiannual technical summary, 1 May - 1 Nov. 1970	1970
19710073837	Improved anodizing processing using titanium anodizing racks	1970
19710073839	Improvement of the resolution of an instrument by numerical solution of an integral equation	1970
19710073840	Dip brazing of complex aluminum manifolds	1970
19710073841	Surface treatment and sensitization of semiconductor photocathodes Quarterly report, Apr. - Jun. 1970	1970
19710073842	The Army Communications-Electronics Management Information System /ACEMIS/, coordination draft, master development plan. Volume 2 - System concept	1970
19710073843	The Army Communications-Electronics Management Information System /ACEMIS/, coordination draft, master development plan. Volume 1 - Executive summary	1970
19710073844	Lightning protection for Navy Device 2D2 site, Astor, Florida Final report	1970
19710073846	Add electrical arc-over and corona considerations to element design /first iteration/ 3C5	1970
19710073847	Applicability of existing technology for corona and arc-over control to transducer elements with recommendations for the first iteration	1970
19710073848	The measurement of vibration modes for the MART contract using holographic interferometry	1970
19710073849	Report of the Arctic ice observing and forecasting program, 1969	1970
19710073850	Spectrum utilization characteristics of FM transmitter, Tele-Dynamics, type 1080E	1970
19710073851	A study of an unknown landmark tracking navigation system - First set of results	1970
19710073852	Hydraulic fluid flammability test /MIL-H-5606 versus MLO 68-5/ Final report Jan. - May 1970	1970
19710073853	Exploratory development of high strength, stress-corrosion resistant aluminum alloy for use in thick section applications Annual summary technical report, 1 Jun. 1969 - 30 Sep. 1970	1970
19710073854	Graphite fiber composites for deep ocean ordnance Quarterly progress report, 1 Jan. - 1 Apr. 1970	1970
19710073855	Analysis of measured helicopter rotor pressure distributions Final report, Apr. 1969 - Apr. 1970	1970
19710073856	Study of a lightweight integral regenerative gas turbine for high performance Final technical report	1970
19710073857	Molecular laser study 3-5 microns Summary technical status report, 1 Aug. - 31 Oct. 1970	1970
19710073859	Test report for manual valve	1970
19710073861	Test report for pressure regulator, 10,000 psig inlet, 0 to 6000 psig outlet, 40,000 SCFM, Victor Controls Division, P/N GD8S-9007	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073862	Test report for pressure regulator, 10,000 psig inlet, 0 to 6000 psig outlet, Victor Controls Division, P/N GD62E-9016	1970
19710073863	Profile measurements in forced convective flow with strong property variation /AERE/ Harwell	1970
19710073864	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710073865	Production engineering measure for S-band 10-20 watt transistor Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710073866	Production engineering measure crystal unit CR-/XM-69//U and CR-/XM-70//U Quarterly report, 16 Jun. - 16 Sep. 1970	1970
19710073867	Silicon integrated circuits for airborne and portable radars Final report, 27 May 1968 - 30 Jun. 1970	1970
19710073868	Production engineering measure for improved reliability of solid tantalum capacitors Quarterly report, 1 Apr. - 30 Jun. 1970	1970
19710073869	Picosecond pulse antenna techniques Technical report, 21 Jan. - 20 Jul. 1970	1970
19710073870	Emission of compton electrons from materials exposed to gamma radiation	1970
19710073871	Research and development of low-light- level/near IR camera tube with solid-state array target Quarterly progress report, 1 May - 31 Jul. 1970	1970
19710073872	Constant-load-amplitude fatigue characteristics of aluminum alloy box beams under partially reversed loading Final report	1970
19710073874	Development and documentation of a transform approach for array parameter variation studies of transient performance	1970
19710073875	Applications of nonlinear viscoelasticity and cumulative damage /a realistic evaluation of real propellant behavior/ Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710073876	Applied Science Division Progress report, 1 Apr. - 30 Jun. 1970	1970
19710073877	Automated magnetic tape library system Technical report, Jan. 1969 - Jan. 1970	1970
19710073878	Development of production manufacturing techniques for application of protective coatings to thoria dispersion strengthened alloys Interim technical report, 1 Sep. - 30 Nov. 1970	1970
19710073879	Antenna systems for the ESRO telemetering stations	1970
19710073880	Fabrication of a low current thin film fuse	1970
19710073881	The 11601 Lance missile no. 5109, round no. 103 Meteorological data report 20 Oct. 1970	1970
19710073882	Plane stress analysis of stiffened-plate ship structures by the finite element method - Static Final report	1970
19710073883	J57-P-420 engine altitude performance evaluation Final technical report	1970
19710073884	Technical evaluation of a Sterling Laboratories LOG-FTC receiver	1970
19710073885	Graphite materials for advanced re-entry vehicles Part 1 - Analytical techniques and materials characterization Technical report, May 1969 - Aug. 1970	1970
19710073886	An aircraft structural combat damage model. Volume 1 Final technical report, May 1969 - Jul. 1970	1970
19710073887	An aircraft structural combat damage model. Volume 2 - Appendices 1, 2, 3, 4, and 5 Final technical report, May 1969 - Jul. 1970	1970
19710073888	An aircraft structural combat damage model. Volume 3 - Appendices 6, 7, and 8 Final technical report May 1969 - Jul. 1970	1970
19710073889	The effects of three rocket jet plume simulators on the aerodynamic characteristics of several missile configurations	1970
19710073890	Flow measurement for LANCE engine testing	1970
19710073891	Air flow at the centerwell region of one low- drag bomb	1970
19710073892	Shock-tube tests of the detonability of some fuel-air mixtures	1970
19710073893	SECEDE 3 barium cloud motion 2	1970
19710073896	Development of the transmitter, sonar Mark 72 Mod 0 /U/	1970
19710073914	Ion pumped vacuum friction test Final report	1970
19710073915	Forming titanium alloy stringer sections under hydrostatic pressure Interim engineering progress report, 15 Jun. - 15 Sep. 1970	1970
19710073916	Review of recent developments - Metals joining	1970
19710073917	Development of a manufacturing method for the production of aircraft structural components of titanium by high-frequency resistance welding Interim technical report, 1 Aug. - 31 Oct. 1970	1970
19710073918	Review of recent developments - Mechanical properties of metals	1970
19710073920	Impact point filtering of cross traffic /U/	1970
19710073921	Production engineering measure for 18mm fiber optic inverter plate /U/ Quarterly progress report, 13 May - 13 Aug. 1970	1970
19710073927	Production engineering measure for 25mm microchannel plate /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19710073929	F-14 aircraft escape system, operational aeromedical and human factors, maintainability and engineering evaluation and systems development monitoring Interim report	1970
19710073930	Infrared coherent detection techniques Quarterly progress report, 15 Jun. - 15 Sep. 1970	1970
19710073931	Computer output microfilm	1970
19710073932	Sound radiation by plane plates vibrating in a flexure mode in water	1970
19710073933	MOS reliability prediction model	1970
19710073934	J52-P-8A engine, altitude missile exhaust gas ingestion tests Final report	1970
19710073935	Qualification report on double balanced mixer	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073936	Microelectronic file bibliography	1970
19710073937	Terrain avoidance equipment	1970
19710073938	An approximate approach to account for mutual interaction forces in the transient array problem	1970
19710073939	Application of the MARTSAM computer program to structural vibration analysis	1970
19710073940	Response to critiques and questions relative to the 18 June 1969 transient analysis document	1970
19710073941	Lumped versus distributed parameter model of a transducer	1970
19710073942	Electric Boat Division add to NUC designs - Add non-longitudinal motion /bending analysis of 3C5 element/, volume 2	1970
19710073943	Semi-automated NDT for jet engine blade inspection Interim technical report, 1 Jul. - 30 Sep. 1970	1970
19710073944	TAAP-1 /Transient Analysis Array Program documentation	1970
19710073945	Ruby laser holography as ballistic range instrumentation Final technical report, 20-31 Oct. 1969	1970
19710073947	The 08507 Honest John missile no. 1847, round no. 603 RML Meteorological data report for 27 Oct. 1970	1970
19710073948	A 5-kilowatt, 1-kilovolt, laminated sonar transistor Interim engineering report, 1 Apr. - 30 Jun. 1970	1970
19710073949	The post-irradiation examination and reassembly of the Mk.2C sub-assembly DFR 241 after 5.5 percent burn-up	1970
19710073950	Flight computational element Final technical report, Dec. 1966 - Oct. 1970	1970
19710073951	CONVOL /Convolution/ program documentation	1970
19710073952	Influence of the direct action of a tropical environment on polyethylene film	1970
19710073953	Computer algorithms for the design of lumped-distributed element filters by insertion loss predistortion techniques	1970
19710073954	Atmospheric backscatter of 10.6/micrometer CO2 laser radiation	1970
19710073955	Research on devices using acoustic surfaces waves Interim development report, 12 Aug. - 11 Nov. 1970	1970
19710073956	Navigation and position location for the 1990 Army. Volume 1 - Basic report Final report	1970
19710073957	Spectrum utilization characteristics of transmitter-solid state, Teledyne Telemetry Company, model TR-2302	1970
19710073958	Analysis of sinusoidal and random vibration energies	1970
19710073959	The NELC integrated circuit processing facility. Equipment and techniques for silicon integrated circuit processing Research and development report, Jan. 1968 - Mar. 1970	1970
19710073960	Root finding in the complex plane - An interactive approach	1970
19710073961	Large-screen laser display study Research and development report, 1 Jul. 1968 - 1 Sep. 1970	1970
19710073962	New armor material	1970
19710073967	INVERT /inverse Laplace transformation/ program documentation	1970
19710073968	Testing and machining techniques for reinforced plastic test specimens Phase report, Jan. 1968 - Aug. 1969	1970
19710073970	Gallium arsenide laser damage threshold study Interim report	1970
19710073971	Mechanics of wave behavior in explosively loaded rod	1970
19710073973	Operational and post-irradiation fuel utilisation determinations in the Dragon reactor. Project Dragon	1970
19710073974	MUPO-B and its auxiliary programmes. Project Dragon	1970
19710073975	The development of a high power, solid state, passive X-band limiter Final technical report, Nov. 1968 - Aug. 1970	1970
19710073976	Day/night search and rescue system Final technical report, Oct. 1968 - Jul. 1970	1970
19710073977	Progress under the Pennsylvania-Princeton Army avionics research program. Pennsylvania tasks Annual technical report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710073978	Research on devices using acoustic surface waves Interim development report, 12 Feb. - 11 Aug. 1970	1970
19710073979	Expandable airlock environmental tests Final report, 27 May 1969 - 5 Jun. 1970	1970
19710073980	Developmental investigation of Bell Aerosystems model 9 accelerometer Final report	1970
19710073982	Electronics and applied physics division Progress report, 1 Jul. - 31 Dec. 1969	1970
19710073983	Reliable integrated wire termination devices Semiannual report, Feb. - Jun. 1970	1970
19710073984	Surface microsonics in isotropic media Quarterly report, 18 May - 31 Aug. 1970	1970
19710073985	Tactical digital data link Final report, Jul. 1967 - Jul. 1969	1970
19710073986	An aircraft structural combat damage model - Design handbook Final technical report, May 1969 - Jul. 1970	1970
19710073987	Experimental simulation of atmospheric blast waves with peak pressures to 9050 psi Final report	1970
19710073988	Reverse-flow turboshaft engine study Final report	1970
19710073989	Development of LP wave discrimination capability using LP strain instruments Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710073990	Development and life test of a satellite communications traveling wave tube amplifier. Volume 1 - TWTA design	1970
19710073991	Development and life test of a satellite communications traveling wave tube amplifier. Volume 2 - TWTA life test	1970
19710073992	Permeability and dynamic characteristics of rubber materials considered for transducer mounts	1970
19710073994	The time dependent mechanical behavior of composite materials Summary report, 1 Mar. 1969 - 1 May 1970	1970
19710073995	Studies of microwave acoustic transducers and dispersive delay lines	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073996	Effect of varying processing parameters in the fabrication of adhesive-bonded structures. Part 3 - Bonding glass reinforced plastics	1970
19710073998	GaAs carbon dioxide laser window sealing technique	1970
19710074002	Development and evaluation of a flight attenuation model Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19710074003	The 300 C rotating rectifier alternator. Phase 2 - Design, fabrication, and test of alternator Interim technical report, 16 Aug. - 15 Nov. 1970	1970
19710074004	Prepare a technote on how transient analysis capabilities should be applied to the first iteration	1970
19710074005	CONSTRUCT - A concordance generating program Reference manual	1970
19710074006	Description of the mixture averaging program 02020	1970
19710074007	Improvements to resonance self-shielding corrections in simple regular lattices with cylindrical fuel rods	1970
19710074008	Handbook of electric cable technology for deep ocean applications	1970
19710074018	Laser range finder AN/VVS-1 for M60A1E2 tank	1970
19710074024	The properties of a mechanical system with a dynamic shock absorber	1970
19710074026	Design criteria for non-heat-treated welded aluminum AFRPL flanged connectors Final report on exhibit A, Jan. 1969 - Jul. 1970	1970
19710074027	TARP-1 /Transient Acoustic Radiation Program/ documentation	1970
19710074028	Quartz crystal unit type CR-1067X and CR-/XM-67//U production engineering measure Quarterly report, 25 Feb. - 25 May 1970	1970
19710074029	MOBIL 3 - The mobility of a variable thickness rectangular plate Interim report	1970
19710074030	High purity fine particulate stabilized zirconia zyttrite Final technical report, 1 Jun. 1967 - 17 Jun. 1970	1970
19710074031	Ablative materials characterization. Part 3 - Turbulent high-heating loads, high pressure tests, and high-modulus fibrous composites Interim summary report, 1 May 1969 - 31 May 1970	1970
19710074035	Evaluation of various exhaust nozzles at free-stream Mach numbers from 0.6 to 3.0 Final report, 18 May - 18 Aug. 1970	1970
19710074036	Experimental determination of energy of sublimation and blow-off impulse Technical report, 24 Mar. - 24 Sep. 1969	1970
19710074038	Code parameters and decoder complexity Semiannual status report, 1 Jun. - 1 Dec. 1970	1970
19710074039	The theory of parallel operations in digital systems Quarterly status report, 1 Oct. - 31 Dec. 1970	1970
19710074045	Test report for manual valve 1-inch 10,000 psig. Auto Clave Engineers, Incorporated P/N 15SV16071B	1970
19710074047	Detectivity of radiation-produced defect levels in n- and p-type silicon and germanium Semiannual progress report, 1 Feb. - 31 Jun. 1970	1970
19710074051	Applications of oxide ceramics	1970
19710074056	Integrated solid-state microwave sources Quarterly progress report, 1 Jan. - 31 Mar. 1970	1970
19710074057	Evaluation of sonic method for inspecting adhesive bonded honeycomb structures	1970
19710074058	Visual Acquisition and Target Location System /VATLS/	1970
19710074059	The 2400 F uncooled turbine/material program. Volume 2 - Aerodynamic and mechanical design Final report	1970
19710074060	Shock wave filling of chambers Technical report, Sep. 1968 - Feb. 1970	1970
19710074061	Electric Boat Division add to NUC designs - Add non-longitudinal motion /bending analysis of 365 element/, volume 1	1970
19710074062	Striation-like modes of the E x B instability Semiannual technical report, 14 Mar. - 14 Sep. 1970	1970
19710074066	Survivable fuel tank systems selection technique, volume 1 Final technical report, 1 Oct. 1968 - 23 Oct. 1969	1970
19710074067	Development and evaluation of a flight attenuation model Quarterly progress report, 27 Mar. - 27 Jun. 1970	1970
19710074069	Studies in static electrification of high polymers. Report 1 - Measurement of static charge distribution on the surface of polymer film by fine resolving probe	1970
19710074070	Evaluation test of battery assembly 2539219	1970
19710074071	Flight test program for optical filters study Final report, Aug. 1969 - Jan. 1970	1970
19710074072	Production engineering measure of a very high current, high speed pulser silicon controlled rectifier Quarterly report, 30 Jun. - 30 Oct. 1970	1970
19710074073	Manufacturing Methods and Technology measure /MMT/ program for GaAs laser crystal Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19710074074	Optical communication in an inhomogeneous scattering medium - The sea	1970
19710074075	Microbiological performance testing on the water management sub-system for a four-man space capsule Semiannual status report, 1 Jun. - 30 Nov. 1970	1970
19710074081	Advanced inertial-sensor techniques, volume 3 Annual technical report, 15 Aug. 1969 - 15 Jul. 1970	1970
19710074084	Airborne computer-augmented communications complex Final technical report, 17 Mar. 1969 - 30 May 1970	1970
19710074086	Manufacturing methods for rolling very high strength superalloy sheet Interim technical engineering report no. 3, 1 Aug. - 1 Nov. 1970	1970
19710074087	Parametric investigation of planform and aeroelastic effects on aerodynamic center, alpha- and q-stability derivatives	1970
19710074091	Guidance and navigation of roving vehicles with television imaging	1970
19710074092	Preliminary DLRV mission descriptions	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074098	Triennial International Conference on Mass Spectrometry Trip report, 24 Aug. - 5 Sep. 1970	1970
19710074099	A landmark navigation computer algorithm	1970
19710074105	Planning research in the area of launch vehicle and propulsion programs Progress report, Nov. 1970	1970
19710074106	Research in aeronomy Progress report, 1 Apr. - 30 Sep. 1970	1970
19710074108	Wind tunnel investigation of a counter-flow jet flap Final engineering report, 19 Jan. - 18 May 1970	1970
19710074114	Test report for pressure regulator, 10,000 psig inlet, 0-6000 psig outlet, Tescom Corporation, P/N 26-1121-491-061	1970
19710074115	Test report for pressure regulator, 10,000 psig inlet, 0-6000 psig outlet, 40,000 SCFM, Grove Valve and Regulator Company, P/N 211 B	1970
19710074120	Fundamental studies of the metallurgical, electrical, and optical properties of gallium phosphide and gallium phosphide alloys Quarterly progress report, 1 Oct. - 31 Dec. 1970	1970
19710074127	Apollo/Skylab incapacitated emergency egress practice LC-39 A and B	1970
19710074130	Study of numerical methodology for dynamic buckling of shell structures Quarterly progress report, 1 Jun. - 31 Aug. 1970	1970
19710074135	Theoretical investigation of the constitution of the moon and planets Semiannual report, 1 Jul. - 31 Dec. 1970	1970
19710074140	Development of design data for graphite reinforced epoxy and polyimide composites Monthly progress report, 1-30 Nov. 1970	1970
19710074156	Laser Target Designator System /LTDS/ /U/	1970
19710074169	Test report for pressure regulator, 10,000 psig inlet, 0-6000 psig outlet, 40,000 SCFM, Accessory Products Company, P/N 1355-1019-2	1970
19710074170	A summary of the acoustic and vibration testing in support of the Apollo spacecraft program	1970
19710074179	Saturated hydrocarbon polymeric binder for advanced solid propellant Progress report, 1 Jan. - 31 Mar. 1970	1970
19710074180	Saturated hydrocarbon polymeric binder for advanced solid propellant Progress report, 1 Oct. - 31 Dec. 1969	1970
19710074181	Saturated hydrocarbon polymeric binder for advanced solid propellant Progress report, 1 May - 31 Jul. 1970	1970
19710074184	Interagency Mechanical Operations Group Subgroup on Joining - Minutes of meeting five. Part 2 - Electron beam welding research	1970
19710074185	High-speed photography of electron beam welding	1970
19710074186	Investigation of instrumentation for documenting EB welding operations	1970
19710074187	Energy analysis for depth of penetration	1970
19710074188	Electron beam welding research at Ohio State University	1970
19710074189	Results of pulsed electron beam experiments on materials	1970
19710074190	The relationship of beam spot size to weld geometry	1970
19710074191	Progress and plans	1970
19710074192	Samples for raw materials studies for data acquisition program	1970
19710074193	Summation	1970
19710074195	The MEA.L.C.-1 code	1970
19710074196	NEMI - A physical mathematical model for sodium boiling in a heated channel	1970
19710074197	Loss of pressure in fuel elements of sodium-cooled breeder reactors with latticed and helical spacer types	1970
19710074215	Information transfer satellite concept study Monthly progress report, May 1970	1970
19710074220	Manufacturing methods for aluminum hydride production /U/ Interim engineering progress report, 16 Apr. - 15 Aug. 1970	1970
19710074222	Demonstration of utility of fluorocarbon binders /U/ Final report, 1 Jun. 1969 - 15 Aug. 1970	1970
19710074225	Personnel detection radar /U/ Final report, Feb. - Dec. 1970	1970
19710074231	Research and Exploratory Development for the Office of Aeronautical Research, National Aeronautics and Space Administration	1970
19710074238	High temperature resistive films for RAM /U/ Technical report, 1 Apr. 1969 - 30 Jun. 1970	1970
19710074243	Development of a multi-cathode electron gun	1970
19710074246	Missile trajectories from guidance system failure /U/	1970
19710074256	TP-H8156 propellant aging program, five-year phase report /U/	1970
19710074262	Microwave target designator /U/ Final technical report, 22 Sep. 1969 - 30 Jul. 1970	1970
19710074263	Diverse experimental intensifiers for multispectral operation of SIRIUS /U/ Final report	1970
19710074265	Thermomagnetic torques in polyatomic gases Interim progress report, 1 Jul. - 31 Dec. 1970	1970
19710074266	Jovial partial compiler Final technical report, 15 Jun. 1969 - 1 Sep. 1970	1970
19710074267	Sampling test of two, type MS18045-44, nickel cadmium, aircraft batteries manufactured by the Marathon Battery Company	1970
19710074268	Approximation formulas for the reflection and transmission coefficients resulting with the reflection and refraction of elastic waves at discontinuities	1970
19710074270	Fuel-rich boron propellant environmental characterization program /U/ Final report, 12 Nov. 1968 - 30 Jun. 1970	1970
19710074271	Low-cost manufacturing methods for explosive binder ingredients /U/ Interim engineering progress report no. 2, 1 Aug. - 30 Nov. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074273	Study of the combustion efficiency of fluorine-containing solid propellants /U/ Quarterly report, 1 Sep. - 30 Nov. 1970	1970
19710074279	Semiannual report	1970
19710074280	Information transfer satellite concept study Monthly progress report, Jun. 1970	1970
19710074284	Duty hours and sleep patterns in transport aircrew operating long haul routes	1970
19710074292	Gravity gradient subsystem Final report	1970
19710074311	Millimeter wave experiment for ATS-F Quarterly report, 15 May - 15 Aug. 1970	1970
19710074312	Design and development of a prototype static cryogenic heat transfer system Quarterly report	1970
19710074313	Balloon project Progress report, Nov. 1969 - Apr. 1970	1970
19710074314	Motorola semiconductor diode, silicon, reference	1970
19710074316	Exploratory development program Progress report for first quarter fiscal year 1971	1970
19710074331	Production engineering measure for 25mm microchannel image inverter intensifier tubes /U/ Quarterly report, 26 Jun. - 30 Sep. 1970	1970
19710074339	NASA PIGA digital filter	1970
19710074348	Production engineering measures for hybrid circuit solid state front end Quarterly progress report, 29 Jun. - 29 Sep. 1970	1970
19710074351	An investigation of mountain waves with lidar observations	1970
19710074354	Synthesis of meta carborane intermediates Technical report, Oct. 1969 - Mar. 1970	1970
19710074355	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710074356	Midway Islands cloud seeding program, July 1969	1970
19710074357	Hydrostatic tests of a ring-stiffened prolate spheroid fabricated from high-strength steel Final report	1970
19710074360	Exploratory development of a fluidic pressure ratio sensing system Final technical report, Apr. 1969 - Nov. 1970	1970
19710074361	Accuracy of aircraft positioning by computer simulation of Doppler tracking	1970
19710074362	Field evaluation of a 1962 vintage visual detection model	1970
19710074363	WEPH D - A computer program for calculation of D-region weapon phenomenology	1970
19710074364	Static longitudinal aerodynamic characteristics of a model of a dual control missile at M equals 0.6 to 1.12 and angle of attack to 31 deg	1970
19710074365	Ablation aerodynamics for slender reentry bodies. Volume 2 - Computer program description and listing Final technical report, 20 Jan. 1969 - 19 Mar. 1970	1970
19710074366	Analysis of acoustic communication systems employing towed arrays Quarterly report, 27 Jul. - 27 Oct. 1970	1970
19710074367	Surveillance evaluation of Navy held Mark 51 Mod 0 under seat rocket motors	1970
19710074368	RFI analysis of field effect devices Final technical report, May 1969 - Aug. 1970	1970
19710074369	The effect of a water environment on an overexpanded rocket nozzle Final report	1970
19710074370	Wear behavior of an air-drying methyl phenyl silicone bonded molybdenum disulfide lubricating film Technical report, Feb. 1967 - Dec. 1969	1970
19710074371	High altitude gust criteria for aircraft design Final report, 17 Mar. 1969 - 16 Sep. 1970	1970
19710074372	Development of sintered zinc battery electrodes Progress report	1970
19710074373	Surveillance of Terrier Mark 272 Mod 0 igniter	1970
19710074374	A FORTRAN 4 ray tracing program	1970
19710074375	Bossler coupling endurance life testing Final report, 28 Feb. 1969 - 30 Jun. 1970	1970
19710074376	Production engineering measure - Final power output traveling wave tube Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710074377	The mechanisms and kinetics of aerosol filtration Final report, Apr. 1968 - Jul. 1970	1970
19710074378	VHF antenna development and evaluation Final technical report	1970
19710074379	A small axial-centrifugal compressor matching study program Final report, 1 Jun. - 31 Dec. 1969	1970
19710074380	Optical metallography of linear-shaped-charge fragments	1970
19710074381	An analytical and experimental investigation of the flow field around two highly swept delta wing configurations in high Mach number - Reynolds number flight Final technical report, Apr. 1969 - May 1970	1970
19710074382	LSI correlator Quarterly report, 1 Sep. - 30 Nov. 1970	1970
19710074383	Graphite fiber composites for deep ocean ordnance Final report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710074384	Nozzle materials evaluation motor program	1970
19710074385	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 9 Jul. - 8 Oct. 1970	1970
19710074386	Production engineering measures for hybrid circuit solid state front end Quarterly progress report, 29 Mar. - 29 Jun. 1970	1970
19710074387	Investigation of a CO2 cross-beam electric-discharge convection laser Final technical report, 15 Aug. 1969 - 14 Sep. 1970	1970
19710074388	X-ray diagnostic calculations - Monte Carlo program for X-ray propagation in the atmosphere /XPROP/, volume 2 Final report	1970
19710074389	Electron ray-tracing program for image intensifiers Final report, Jan. 1967 - Sep. 1970	1970
19710074399	Calibration of the power supply for manganin pressure gages Technical report, Jul. - Aug. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074400	Coldweld hi reliability quartz crystal units CR-1018/UX and CR-65/UX Final report, 25 Feb. 1966 - 25 Aug. 1970	1970
19710074401	Production engineering measure for high- reliability aluminum electrolytic capacitors Quarterly report, 20 Jun. - 20 Sep. 1970	1970
19710074402	The correlation between heat and momentum transfer for solutions of drag-reducing agents	1970
19710074403	Plan of test for evaluation of steerable parachute	1970
19710074404	Windward laminar heating rates on conical segments at Mach numbers of 10 and 17 Final report, 18 Nov. 1969 - 20 Apr. 1970	1970
19710074405	Solid state switching in antenna duplexing	1970
19710074406	Nonlinear behavior of an overdriven IF-amplifier stage	1970
19710074407	IBM 7094 FAP/MAP self-instruction programming manual, volume 2	1970
19710074408	Advanced composites data for aircraft structural design. Volume 3 - Theoretical methods Final technical report, 15 Mar. 1968 - 15 Mar. 1970	1970
19710074409	Plasma display techniques study. Volume 2 - Final technical report, 13 Jan. 1969 - 8 Jan. 1970	1970
19710074410	Investigation to develop acoustic-surface- wave delay lines for microwave frequencies to the point where they can be used for Air Force systems Final report, 1 Feb. 1968 - 31 Jan. 1970	1970
19710074411	Exploration and development of a 3.2 millimeter wave magnetron for helicopter service Quarterly engineering report no. 3, 11 Sep. - 11 Dec. 1970	1970
19710074413	Wave propagation in a hot magnetoplasma with Coulomb collisions	1970
19710074414	Process investigation of aluminum oxide thin films Final report, 16 Mar. - 30 Sep. 1970	1970
19710074415	Flight test evaluation of a supercritical- speed shaft Final report	1970
19710074416	Corrugation in the plastic deformation of metals and its effect on the collapse of geometric shapes Final report	1970
19710074417	Flight loads investigation of AH-1G helicopters operating in Southeast Asia Final report	1970
19710074418	Tactical Fleet Marine Force /FMF/ photographic and photo processing equipment Final report	1970
19710074419	Electromagnetic pulse sensor and simulation notes. Volume 1 - Notes 1 - 26	1970
19710074420	Establishment of a manufacturing process for producing optically transparent armor Final technical report, 15 Apr. 1968 - 15 Aug. 1970	1970
19710074422	Spectrum utilization characteristics of FM telemetry transmitter, Conic, model CTM-305F with circulator, melabs, model J8579	1970
19710074423	Investigation of the diffraction anomalies of finite wire gratings Technical report, Oct. 1969 - Aug. 1970	1970
19710074424	Signal detection and discrimination based on generalized phase principles Technical report, Sep. 1968 - Aug. 1970	1970
19710074425	Maintenance and enhancement of the AED system Interim progress report, 9 Jun. - 8 Sep. 1970	1970
19710074426	Forming titanium alloy stringer sections under hydrostatic pressure Interim engineering progress report, 15 Sep. - 15 Dec. 1970	1970
19710074427	Radially symmetric lens antennas - The core- and-shell lens	1970
19710074428	Concluding report on the quantum theory of laser and spontaneously emitted light	1970
19710074429	Feasibility study into the utilization of neutron activation analysis to determine the extent of wear of hydraulic components	1970
19710074430	Space transportation system management approaches	1970
19710074431	Poppet and seat design criteria for contaminant-particle resistance Final report, Apr. 1967 - Jan. 1970	1970
19710074432	Feasibility test of stabilizer for MK 6 MOD 3 aircraft smoke and illumination signal /log marker/ Final report	1970
19710074433	A design study of C-band printed circuit traveling wave tube Quarterly report, 16 Feb. - 30 Jun. 1970	1970
19710074434	Manufacturing methods for surface integrity of machined structural components Interim technical report, 15 Jul. - 15 Oct. 1970	1970
19710074435	Fuel management computer investigation Technical report, Feb. - Aug. 1970	1970
19710074436	A survey of aerodynamic cooling temperatures of missiles during external carry on P-3 aircraft	1970
19710074438	Velocity-erosion rate relationships of materials in rain at supersonic speeds Technical report, Jun. 1967 - Dec. 1968	1970
19710074439	Effect of chloride and bromide ions on the kinetics of iron corrosion in acid solutions	1970
19710074440	Focusing of apertured Gaussian beams at long ranges Technical report, 1 Jan. - 15 Sep. 1970	1970
19710074441	Temperature profiles of air transported material Final report, 1968 - 1969	1970
19710074442	Comparison of Navy VLF predictions with oblique sounder data and multimode model computations	1970
19710074443	Electrode-electrolyte interactions magnesium anodes - Meta-dinitrobenzene cathodes Semiannual report, 1 Jul. - 31 Dec. 1969	1970
19710074444	Production engineering measures for a ferrite solid state limiter protector Quarterly report, 1 Jul. - 3 Sep. 1970	1970
19710074445	Interaction cross sections of molecular oxygen with electromagnetic radiation in the region 400 A less than or equal to lambda less than or equal to 2500 A	1970
19710074446	Computer designed transformers	1970
19710074447	The 11601E Lance, missile no. 5412, round no. 106 /24 November 1970/	1970
19710074448	The 12001 Little John, missile no. 2361, round no. 670 /20 November 1970/	1970
19710074449	Transducer for a high resolution ultrasonic scanning system Final technical report, 15 Sep. 1969 - 19 Oct. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074450	Manufacturing methods and technology for processing cobalt-samarium magnets Interim technical report, 16 Aug. - 15 Nov. 1970	1970
19710074451	C-141A VGH and ground loads program Final report, Jul. 1968 - Nov. 1969	1970
19710074452	Rare earth doped apatite laser materials Semiannual report, 20 Mar. - 19 Sep. 1970	1970
19710074453	Review of recent developments. Fiber- reinforced metals	1970
19710074454	Ultra high speed microcircuit prescaler Final engineering report, 20 Dec. 1968 - 20 Apr. 1970	1970
19710074455	Night covert image amplifier photography Technical report, May - Jun. 1970	1970
19710074456	Review of recent developments - Beryllium	1970
19710074458	Precision quartz crystals Semiannual report, 15 Dec. 1969 - 15 Jun. 1970	1970
19710074459	Electromagnetic pulse sensor and simulation notes. Volume 4 - Notes 56 through 67	1970
19710074460	Nonvolatile electrically alterable memory Final report, 1 Jan. - 30 Sep. 1970	1970
19710074461	Pulse compression filters and dispersive delay lines Final technical report	1970
19710074462	Resolution analysis of image amplifier photography Technical report, Oct. 1969 - Jun. 1970	1970
19710074463	A method for measuring the complex dielectric constant of films and thin plates in the microwave range	1970
19710074464	On the convergence of the iterative gravity reduction with the continuation integral in local regions	1970
19710074465	Mode-locked, frequency-doubled neodymium laser Final technical report, 13 Jun. 1969 - 13 Jun. 1970	1970
19710074469	An investigation of electronic applications of the rare earth chalcogenides Annual report, Nov. 1969 - Nov. 1970	1970
19710074470	Mission definition, performance capability, and operations analysis of chemical orbit-to- orbit shuttle	1970
19710074471	Semiconductor vulnerability. Phase 2 - Theoretical estimates of failure levels of selected semiconductor diodes and transistors	1970
19710074473	Research on the properties of amorphous semiconductors at high temperatures Semiannual technical report	1970
19710074474	Base and lee side flow study - Preliminary system evaluation	1970
19710074475	A study of the phase locked LSA oscillator Final report	1970
19710074476	An investigation of gold films condensed on alumina substrates in low pressure oxygen	1970
19710074478	Review of recent developments - Low- temperature properties of metals	1970
19710074479	Review of recent developments - Metalworking	1970
19710074481	Reflectometer experiment Post-launch monthly report	1970
19710074483	Satellite sea ice reconnaissance, Antarctica November 1968 - March 1969	1970
19710074484	IBM 7094 FAP/MAP self-instruction programming manual, volume 1	1970
19710074486	Review Conference - Information processing systems project	1970
19710074488	Stress corrosion cracking of titanium alloys at ambient temperature in aqueous solutions Quarterly progress report, Apr. - Jun. 1970	1970
19710074493	Steady state interaction between radiation and matter in stellar atmospheres Progress report, 1 Jul. - 31 Dec. 1970	1970
19710074496	Noise generation and radiation studies Semiannual status report, Jun. - Dec. 1970	1970
19710074499	Investigation of bimetallic wire as a time delay element	1970
19710074500	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors Quarterly report, 13 Jun. - 13 Sep. 1970	1970
19710074501	The exterior gravity yield of the level sphere and interior mass distributions	1970
19710074502	Statistical presentation of Naval aircraft counting accelerometer data from 1 January 1962 - 30 June 1970 Annual report	1970
19710074503	Sliding-seal electron beam welding of aerospace structures Interim engineering progress report no. 1, 1 Aug. - 31 Oct. 1970	1970
19710074504	Orbital perturbations due to attitude libration of an arbitrary rigid body moving in a central Newtonian field	1970
19710074505	Development of a selective area printer breadboard, phase 1 Final report, Jul. 1969 - Jan. 1970	1970
19710074506	Reliability characterization and prediction of integrated circuits Final technical report, 20 Sep. 1968 - 20 Apr. 1970	1970
19710074507	Electron physics research Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710074508	Microwave parametric amplifier Final technical report, 27 May 1969 - 27 Oct. 1970	1970
19710074509	Research to determine the effects of surface catalycity on materials behavior in dissociated gas streams-ATJ-graphite Final report, 15 Oct. 1968 - 31 Jan. 1970	1970
19710074510	Advanced electron device technology	1970
19710074511	Chemically heated zinc-silver oxide battery Final technical summary report, May 1969 - Dec. 1970	1970
19710074512	A study of tropical cloud systems using ATS data Final report, Jun. 1969 - Jul. 1970	1970
19710074513	Design and develop a high power, S-band transmitter tube Final development report, 14 Apr. - 31 Dec. 1969	1970
19710074514	Test and evaluation of the 2X/4X continuous strip printer Final report	1970
19710074515	Effects of momentum mismatch on backward traveling wave parametric interactions	1970
19710074516	Liquid impingement and cavitation damage of candidate rain erosion materials at various impact velocities and angles	1970
19710074517	IBM 7094 FAP/MAP self-instruction programming manual. Volume 3 - Answer book	1970
19710074518	Ground test of a hybrid infrared source Final report	1970
19710074520	Combined stress strength results for titania	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074521	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Jul. - 20 Sep. 1970	1970
19710074524	Qualification of radio interference filters	1970
19710074525	Qualification report for microelectronic devices per General Dynamics drawing 423-800063	1970
19710074526	Qualification of valve for use in S P Hawk	1970
19710074527	Impact tester operation procedure	1970
19710074528	Qualification report for capacitor, per General Dynamics drawing 423-80032-1 thru -6	1970
19710074529	The 11606 Lance, missile no. 5131, round no. 102 /15 October 1970/	1970
19710074530	The 11601 Lance, missile no. 5111, round no. 104 /28 October 1970/	1970
19710074531	Radar signature investigation. Volume 2 - Target classification Final report	1970
19710074532	Radar signature investigation. Volume 1 - Measurements report Final report	1970
19710074533	Review of recent developments - Refractory metals	1970
19710074534	Reaction studies with fast neutrons Progress report, 31 Oct. 1970	1970
19710074536	Bending fatigue of ingot-source sheet beryllium	1970
19710074537	Transonic range tests of 5 inch/38 rocket assisted projectile inert	1970
19710074538	Investigation of thermodynamic mechanisms for the production of complex compounds essential for the origin of life Quarterly report, 1 Oct. - 31 Dec. 1970	1970
19710074542	Production engineering measure for quartz crystal unit CR-/XM-71//U Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710074543	Program to develop high strength aluminum powder metallurgy products. Phase 2 - P/M optimization, section 2 Quarterly report, 21 Jul. - 20 Oct. 1970	1970
19710074547	Underwater electro-acoustics at Birmingham University	1970
19710074548	Acoustics and signal processing at the National Defence Research Organization TNO, Netherlands	1970
19710074549	Techniques applied to the in-process measurement of surface layer quality of semiconductors Final report, Apr. 1967 - Dec. 1969	1970
19710074550	A 16mm precision cine camera Final report, Apr. 1969 - Aug. 1970	1970
19710074551	Large scale integrated circuit turbine engine speed control Final report, Jan. 1969 - Jul. 1970	1970
19710074552	Interference Prediction Model development - IPM review, phase 1	1970
19710074553	Resistance spot weld-adhesive bonding process Final technical report, 15 Jul. 1969 - 1 Jul. 1970	1970
19710074554	Graphitic materials for advanced re-entry vehicles. Part 2 - Development of bulk graphite for nose tip applications Technical report, May 1969 - Aug. 1970	1970
19710074555	Documentation concerning the installation of terminal equipment associated with the Defense Documentation Center remote on-line retrieval system experiment Technical report, 6 Sep. 1967 - 31 Dec. 1969	1970
19710074556	Evaluation of signal distortion occurring in VLF propagation	1970
19710074557	The 50 watt - 76 MHz PEM transistor radiator resistant high power Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710074558	Microwave integrated circuits for phased arrays Research and development report, May 1969 - Oct. 1970	1970
19710074559	The Fort Huachuca climate calendar, revised report for 1956 - 1969	1970
19710074561	Evaluation of a wide angle head-up display optical system Final report	1970
19710074563	A short investigation of the 'Paper Pilot' - A computer program to predict pilot ratings in hover	1970
19710074564	QRC-432 control system evaluation Final report, 8 Apr. - 27 Oct. 1970	1970
19710074565	AN/ALM-79 RF multipathing investigation Final report, 27 Apr. - 5 Aug. 1970	1970
19710074566	Description and calibration of the AEDC low speed wind tunnel /V/STOL/ Final report	1970
19710074567	Component test report for engineering information	1970
19710074568	Materials for tubular liquid level sight indicators Final report	1970
19710074569	Acoustic radiation from finite elastic bodies	1970
19710074570	Multiple-frequency array design	1970
19710074571	Introduction to symmetry of wave functions in crystals and Brillouin zones	1970
19710074573	Studies on the safety of plutonium handling facilities	1970
19710074574	Qualification of fixed, electrolytic capacitor	1970
19710074575	Inspection of EC-2273 potting compound in Navy F-4 aircraft	1970
19710074576	Lofting test plan. Electromechanical compatibility test plan	1970
19710074577	Qualification report for crystal unit, quartz per Navair drawing 2459406	1970
19710074583	Phase 7 of the accelerated service test of the J79-GE-10 engine Interim report	1970
19710074584	Convolutions of the surface outcrop of the northern edge of the Gulf Stream	1970
19710074585	Evaluation of structural integrity of A-7E airplane for increased arrested landing weight Final report, 28 Jul. - 22 Sep. 1970	1970
19710074586	Magnesium-magnesium perchlorate battery Status report, 1 Apr. - 1 Oct. 1970	1970
19710074587	Test and evaluation of the Hunt E-R aeroflo developer and replenisher Final report	1970
19710074588	Verti-lift Airfield for Tactical Support /VATS/	1970
19710074589	Environmental compatibility of glass reinforced plastics	1970
19710074600	Production engineering measure for 25mm flexible fiber optic rope Quarterly progress report, 30 Jun. - 30 Sep. 1970	1970
19710074611	Laser beam propagation through jet exhausts Technical report, Jan. - Apr. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074612	Production engineering measure for improved reliability of Mica transmitter capacitors Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710074615	Radar techniques program Quarterly technical summary report, 1 Aug. - 31 Oct. 1970	1970
19710074623	High capacitance thin film structures Quarterly progress report, 16 Jun. - 15 Sep. 1970	1970
19710074624	Qualification report for semiconductor device, diode, matched set per NAVAIR drawing 1821054	1970
19710074625	Qualification report for squib-driven switch module /warhead dudding/ per NAVAIR drawing 2883691	1970
19710074626	Qualification report for dual audio, transformer per NAVAIR drawing 2455605	1970
19710074657	The collapse strength of cylindrical shells stiffened by hat-shaped stiffeners Final report	1970
19710074658	Supersonic magnus measurements of the 10-caliber Army-Navy spinner projectile with wrap-around fins	1970
19710074659	Summary of area navigation systems and proposed usage in the US Airspace System Final report	1970
19710074660	Estimation of multilinear signal descriptors Technical report, Jan. 1969 - May 1970	1970
19710074661	Self-sealing systems for integral fuel tanks Summary technical report, 15 Apr. 1969 - 1 Jun. 1970	1970
19710074662	High efficiency X band and K sub u band Gunn devices - Emitter-controlled negative resistance triode Semiannual report, 16 Mar. - 16 Sep. 1970	1970
19710074663	Surveillance evaluation of Mk 54 Mod O under seat rocket motors	1970
19710074664	Low cost S-band transmitter tube for phased array radars Semiannual report, 1 Feb. - 31 May 1970	1970
19710074665	Liquid spring design data Technical report, Apr. 1969 - Nov. 1970	1970
19710074666	Investigation into the effects of temperature on CL65 capacitors and RC07 resistors	1970
19710074667	Evaluation of radio interference filter	1970
19710074668	Qualification of radio interference filters	1970
19710074671	Intagliated fiber optic plate research /U/	1970
19710074676	Review of Dragon side thruster propulsion system /U/	1970
19710074688	Color contact printer Mark 3 Evaluation test report, Jan. - Sep. 1969	1970
19710074689	An experimental investigation of the effect of several rocket plume simulators on the pressure distribution of a body of revolution at free stream Mach numbers of 0.9 to 1.2	1970
19710074690	Research and development programs Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710074691	Production engineering measure for integrated amplifier circuit XM596 Quarterly progress report, 15 Jun. - 15 Sep. 1970	1970
19710074692	Binary detection of randomly occurring signals Research and development report, Jan. - Aug. 1970	1970
19710074693	On the present state of satellite geodesy	1970
19710074694	Qualification report for crystal, unit, quartz per NAVAIR drawing 2576973	1970
19710074695	An automatic sequential sampling system for chemical chamber tests Technical report, Oct. 1969 - May 1970	1970
19710074696	The Mark 4 STACER program	1970
19710074697	Application of composite materials to an aircraft wing section Final report	1970
19710074698	Qualification report for connector, receptacle per NAVAIR drawing 2859505	1970
19710074699	Further analysis of the meteorological measurements from the deciduous forest diffusion study Final report	1970
19710074700	BQS-6/IDNA corona and arc-over analysis	1970
19710074701	Qualification report for semiconductor device, controlled rectifier per NAVAIR drawing 2459204	1970
19710074702	Qualification of rectangular, crimp-type connectors	1970
19710074703	Extension of development of AFRPL flanged connectors for rocket fluid systems Final report, Dec. 1969 - Aug. 1970	1970
19710074704	Qualification report for filter, high pass per NAVAIR drawing 2459468	1970
19710074705	Apollo mission H3/LM-8/DPS, preflight performance report	1970
19710074706	Design philosophy for the aerospace program- oriented language	1970
19710074707	In-flight observation of ablation/erosion at hypersonic velocities in a ballistics range Technical report, Jul. 1968 - Jul. 1969	1970
19710074708	Engineering guide and computer programs for determining turbulence induced vibration and radiation of plates Final report, Jun. 1967 - Sep. 1969	1970
19710074709	The cavitation characteristics of a venturi section with change of Reynolds and Prandtl number	1970
19710074710	The effect of crack angle on fracture toughness	1970
19710074712	Spectrum utilization characteristics of S-band transmitter system, Keltec model 4	1970
19710074713	Damping-in-pitch characteristics of the shallow water anti-traffic mine at Mach numbers from 0.3 to 1.20 Final report	1970
19710074714	Auroral zone electron density profiles - Project Secede 3	1970
19710074715	Project Gulf Q - A study of maritime cumulus modification	1970
19710074716	Evaluation of computer approaches from the management control standpoint	1970
19710074717	Computation of the conditional variance with uncertain observations Technical report, Mar. - May 1970	1970
19710074718	Qualification of pulse transformer	1970
19710074719	Effects of high-lift devices on V/STOL aircraft performance, volume 1 Final report, 1 Jun. 1969 - 31 May 1970	1970
19710074720	Advanced composites data for aircraft structural design. Volume 1 - Material and basic allowable development, boron/epoxy Final technical report, 15 Mar. 1968 - 15 Dec. 1969	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074721	Study of blowing transverse jets from airfoils for flight control applications in the Mach number range 0.2 to 3.0 Final report, 1 Jan. 1969 - 31 Mar. 1970	1970
19710074722	Electrostatic reversal printing Final technical report, Jun. - Sep. 1970	1970
19710074723	Methods of Improving System Reliability by Use of Redundancy	1970
19710074724	Further development of the rotating brush aerosol separator Final engineering report, 8 Jan. - 7 Oct. 1970	1970
19710074725	Effect of resolution and noise on picture quality	1970
19710074726	Error rate measurements on the AN/UCC-1/XN-2/ telegraph terminal	1970
19710074727	Evaluation of high-voltage relay	1970
19710074728	Partial qualification of separation switch	1970
19710074729	Performance and heat transfer in liquid gas generator systems Technical report, Feb. 1965 - Feb. 1970	1970
19710074730	Insulator resin for antennas Final report	1970
19710074731	Electroluminescent display legibility research and development Final report, Jan. 1969 - Apr. 1970	1970
19710074733	Practical applications of liquid crystals	1970
19710074735	Optical properties of mixed halide crystals and single crystals of microwave acoustic materials Final report, 1 Oct. 1969 - 30 Sep. 1970	1970
19710074736	High strength light alloy materials prepared from specially cast ingots	1970
19710074737	Study of the basic kinetics of decomposition of MMH and MHF and the effects of impurities on their stability Quarterly report, 16 Sep. - 15 Dec. 1970	1970
19710074738	The gas phase kinetics of methylhydrazine and related compounds Special technical report no. 1, 1 Jun. 1969 - 1 Dec. 1970	1970
19710074739	Dynamic fracture criteria of homogeneous materials Technical report, 8 May 1968 - 15 Jul. 1970	1970
19710074740	Qualification report for resistor, fixed, film per General Dynamics drawing 423-800105	1970
19710074741	Corrosion anisotropy in aluminum	1970
19710074742	Application of gallium arsenide microwave oscillators to laser modulation Final report	1970
19710074743	Spectrum utilization characteristics of FM telemetry transmitter, Bristol Aerospace Limited., part no. 690-07-01-2800 with I-Tel filter	1970
19710074746	F100/F401 initial engine development program	1970
19710074747	Qualification of lamp, glow	1970
19710074750	Brushless DC tachometer optically/ electronically commutated Final report, 4 Apr. 1969 - 20 Oct. 1970	1970
19710074753	Guidance and navigation requirements for unmanned flyby and swingby missions to the outer planets. Volume 1 - Summary report	1970
19710074757	Gimballed reaction wheel mounting Quarterly progress report, 8 Aug. - 8 Nov. 1970	1970
19710074759	Evaluation of the disturbing mass in the Noerdlinger Ries	1970
19710074760	Quality assurance plan for the modular electronic warfare system simulator, volume 1	1970
19710074761	Modeling and simulation of radar clutter signals. Volume 2 - Simulation program Technical report, 25 Apr. 1969 - 24 Apr. 1970	1970
19710074762	A study of selected radiation and propagation problems related to antennas and probes in magneto-ionic media Semiannual progress report, 1 Jun. - 1 Dec. 1970	1970
19710074771	Manned space flight network study program Progress report, Apr. - Jun. 1970	1970
19710074773	Variable laser attenuator suitable for high power use Final report	1970
19710074774	Structure and stability of detonation waves Final report, 1 Mar. 1966 - 28 Feb. 1970	1970
19710074775	Graphite fiber composites for deep ocean ordnance Quarterly progress report, 1 Jul. - 1 Oct. 1970	1970
19710074776	A simplified procedure for classical design of a controller for linear closed-loop system with transport delay	1970
19710074777	Flat conductor cable evaluation	1970
19710074778	On the prediction and optimality of aircraft maneuvers associated with approach and landing	1970
19710074779	Parallel output Midas platform Quarterly technical report, 27 Aug. - 31 Dec. 1970	1970
19710074780	Qualification, transformer, ADC	1970
19710074782	Development of aircraft oxygen system using solid absorbents Final report, 2 Jan. 1969 - 15 Jul. 1970	1970
19710074783	A 5-kilowatt, 1-kilovolt, laminated sonar transistor Interim engineering report, 1 Jul. - 30 Sep. 1970	1970
19710074785	Sapphire ribbon Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19710074786	Theory of atmospheric turbulence	1970
19710074792	Program to develop high strength aluminum powder metallurgy products. Phase 1 - Process optimizing for improved forgeability Quarterly report, 21 Jul. - 20 Oct. 1970	1970
19710074794	Approaches to ladder structures. 5 - Thermal decomposition and polymerization of 2H, 3, 1-benzoxazine-2, 4, 1H-dione and some of its derivatives Technical report, Nov. 1965 - Nov. 1969	1970
19710074795	Manufacturing methods program, 100 kW, Ku-band amplifier Quarterly report, 1 Sep. - 1 Dec. 1970	1970
19710074796	Production engineering measure for Schottky- barrier gallium-arsenide diode Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710074797	Three-dimensional nozzle design for maximum thrust. Volume 1 - Theoretical development and results	1970
19710074798	Research and development of refractory oxidation-resistant diborides. Part 3 - Preliminary scaled-up processing Technical report, Mar. 1969 - Jun. 1970	1970
19710074799	Measuring the flatness of photographic plates	1970
19710074800	The profit automated drafting system	1970
19710074801	BMD data processing model development program description. Version 2 - SAFDP-Meck simulator. Volume 4 - Section 6 - 8	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074802	BMD data processing model development program description. Version 2 - SAFDP-Meck simulator. Volume 3 - Section 3 - 5	1970
19710074803	BMD data processing model development program description. Version 2 - SAFDP-Meck simulator. Volume 3 - Section 1 - 2.7	1970
19710074804	BMD data processing model development program description. Version 2 - SAFDP-Meck simulator. Volume 2 - Section 2.8 - 2.16	1970
19710074805	Timesharing digital computer in shock testing - Process control, data acquisition, and analyses are combined to give immediate results	1970
19710074817	Production of dry process divalent silver oxide electrodes by continuous rolling Quarterly report, Dec. 1969 - Feb. 1970	1970
19710074819	Report of test on high voltage capacitor, .05 microfarad, 20,000 W.V.D.C.	1970
19710074820	Qualification of TRW diode, silicon, zener	1970
19710074833	On the retrograde motion of electric arcs	1970
19710074834	Qualification of capacitor, 9174543, for Hawk	1970
19710074835	Qualification of R.F. coil	1970
19710074836	Qualification of capacitor, fixed ceramic dielectric	1970
19710074838	Matched filtering studies - Statistical discrimination	1970
19710074840	Television display of topographic information Final technical report	1970
19710074841	Reliability verification test for transformer, memory core, part number 2760203	1970
19710074842	C-3 reliability verification test procedure part number 2760366	1970
19710074843	Qualification of relay	1970
19710074845	Production engineering of ferrite cores for RF application Quarterly report, Jul. - Sep. 1970	1970
19710074846	Manufacturing methods for continuous wound aircraft tires Interim technical report, 30 Jun. - 15 Oct. 1970	1970
19710074847	Qualification report for transformer, radio frequency per NAVAIR drawing 2457984	1970
19710074850	Qualification of transformer RF	1970
19710074857	Step and repeat diazo enlarging printer processer Final report, Jan. 1968 - Sep. 1970	1970
19710074858	Fuse, sub-miniature hermetically sealed	1970
19710074859	Report of test on capacitor, HV, 0.75 microns F, 10,000 WVDC	1970
19710074860	Electromagnetic Compatibility /EMC/ systems management	1970
19710074861	Multi-sensor operator training. Phase 2 - Development of a plan of instruction and review of current training	1970
19710074862	Dynamic temperature behavior of quartz crystal units Final report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710074871	Qualification, transformer, ADC	1970
19710074872	Cold combustion engines	1970
19710074873	Qualification report for connector, plug, electrical coaxial per NAVAIR drawing 2239639	1970
19710074874	Manufacturing methods for samarium cobalt magnets Interim report, 1 Sep. - 30 Nov. 1970	1970
19710074875	MARTSAM 2 - A version of GENSAM /a general structural analysis and matrix system/	1970
19710074876	Piezoelectric finite element analysis of axisymmetric solids	1970
19710074882	Evaluation of 25 MeV Betatron facility, Rock Island Arsenal, Rock Island, Illinois, 8-11 September 1970	1970
19710074883	Report of test on resistor, fixed, WW, 10w	1970
19710074886	Project barium metastables Summary report, 11 Jul. 1968 - 10 Jul. 1970	1970
19710074887	Qualification of Sprague electric capacitor, tantalum, solid	1970
19710074888	The development of sigma-phase in the W-Re system	1970
19710074890	Component evaluation report for engineering evaluation	1970
19710074891	Elastic-plastic behavior of plates under combined bending and stretching	1970
19710074892	Inhibition, initiation of hydrocarbon disintegration at elevated temperatures	1970
19710074894	Evaluation of ac synchronous motor	1970
19710074895	Qualification of micro semiconductor diode, silicon, Zener	1970
19710074897	Wind your Z-transformers with MOS/LSI universal building blocks	1970
19710074900	Feasibility study of high temperature wire terminals for aircraft usage Final report	1970
19710074902	Evaluation of variable trimmer resistors	1970
19710074903	SNAP 19 TAGS 85/2N RTG power systems Semiannual progress report, 1 Jul. 1969 - 7 Jan. 1970	1970
19710074904	SNAP 19 TAGS 85/2N RTG power systems Semiannual progress report, 8 Jan. - 30 Jun. 1970	1970
19710074905	Positronium chemistry Progress report, Feb. 1970 - Feb. 1971	1970
19710074906	Isotope effects on rate and equilibrium processes Annual progress report, 1 Dec. 1969 - 30 Nov. 1970	1970
19710074907	Control of thin film interface barriers Final technical report, 1 Sep. 1967 - 1 Sep. 1970	1970
19710074908	Relative effectiveness of active and passive hybrid multispectral imaging processors Final report, 23 Mar. - 1 Jun. 1970	1970
19710074909	Modification of the TRAC Ebers-Moll model for improved high frequency prediction	1970
19710074918	Reliability verification test for transformer, memory core, part no. 2760	1970
19710074929	Overview of MART FY 1970 documentation	1970
19710074931	Earth orbital experiment program and requirements study Final briefing manual	1970
19710074933	On the number of parameters of a multi-input output system	1970
19710074935	An analysis of film cooling as an alternate thermal protection system for spacecraft during atmospheric reentry Status report, Jul. - Dec. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074942	Quarterly status report, October - December 1970	1970
19710074943	Activation analysis for selected elements in micrometeorites. Impurity levels in ultra pure silicon Quarterly progress report, 1 Oct. - 31 Dec. 1970	1970
19710074961	Establishment of a manufacturing process for thin walled conical beryllium structures involving hot isostatic pressing, phase 2 Interim engineering progress report no. 3, 1 Sep. - 3 Nov. 1970	1970
19710074962	Qualification report for connector, plug, electrical, coaxial per NAVAIR drawing 2239642	1970
19710074963	Thin film microcircuit capacitors	1970
19710074964	An analytical study of the scramjet exhaust expansion system, part 3 Final technical report, 1 Sep. 1968 - 31 Aug. 1970	1970
19710074965	Propellant ingredient safety Semiannual report, 1 Jan. - 30 Jun. 1970	1970
19710074966	CIRCUS user's manual, CCE version	1970
19710074967	General design considerations for the chemical OOS propulsion stage Technical operating report	1970
19710074968	Considerations on the triaxial earth ellipsoid	1970
19710074971	Improvement of the oxidation resistance of dispersion strengthened nickel-chromium alloys Final report, 1 Apr. 1969 - 31 Mar. 1970	1970
19710075000	Space shuttle auxiliary propellant valves Quarterly progress report, 1 Sep. - 30 Nov. 1970	1970
19710075001	Third semiannual status report, 1 January - 1 June 1970, and fourth semiannual status report, 1 June - 30 November 1970	1970
19710075004	Report on the Viking 75 sterilization model	1970
19710075011	The effect of surface conditions on the work function of insulators and semiconductors Annual report	1970
19710075017	Themally stable laminating resins Quarterly technical narrative no. 2, 25 Jul. - 23 Oct. 1970	1970
19710075019	Study to evaluate the feasibility of a feedback controlled variable conductance heat pipe Monthly progress letter	1970
19710075032	To establish and operate a planetary patrol program Status report, 1 Jul. - 30 Dec. 1970	1970
19710075047	Semiannual review of science-SRT, 1 January - 30 June 1970	1970
19710075052	OH radio emission associated with infrared stars	1970
19710075054	Research on cavitating pump instabilities, addendum Quarterly progress report, 1 Oct. - 31 Dec. 1970	1970
19710075057	Annual report, 1 December 1969 - 30 November 1970	1970
19710075058	Free flight measurements of pressure and heat transfer on a blunt leading-edge caret wing at design and off design Mach numbers /M infinity equals 0.9 to 3.36/	1970
19710075060	A simple method for the prediction of the surface pressure distribution and sonic point location on the bow shock-wave for large angle cones	1970
19710075061	The excitation of acoustic resonances by vortex shedding	1970
19710075062	On the effects of viscous interaction for a flat delta wing at incidence	1970
19710075063	Advanced survival avionics system study, phase 1 Final report, 8 Aug. 1969 - 6 Mar. 1970	1970
19710075064	Hydrocarbon fuels for advanced systems, part 1 Annual technical report, 1 Sep. 1969 - 31 Aug. 1970	1970
19710075066	Mounting of axial lead electronic components on printed wiring boards	1970
19710075067	Evaluation of siliconix G128F multiple N-channel field effect transistors for space flight applications	1970
19710075068	Advanced structural materials in aircraft	1970
19710075074	Semiannual progress report, 1 July - 31 December 1970	1970
19710075076	An experimental study of thickness effects on plastic strain concentration	1970
19710075077	Performance of the NPL no. 1 compressor when used to drive the 6 inch by 6 inch /heat transfer/ wind tunnel	1970
19710075079	Low-speed wind tunnel measurements of surface pressure fluctuations on two slender-wing models	1970
19710075080	Results of a series of flights in the stratosphere over mountainous terrain in the western USA during February 1967	1970
19710075086	Analytic methodology for determining gross operational parameters and system performance requirements relating to Air Force search equipment, phase 1 Final report, 4 Aug. 1969 - 31 Jan. 1970	1970
19710075087	SFCW generator alignment techniques	1970
19710075089	Testing of leak detection fluids	1970
19710075091	Establishment of manufacturing techniques for back-tension drawing of titanium, phase 1 Final interim engineering report, 1 Dec. 1969 - 30 Nov. 1970	1970
19710075092	The O2 leak detection fluid, OXY-TEC, MIL-L-25567A, type 1, FSN 685-9537913, American Gas and Chemicals /03530/	1970
19710075093	Interferometric analysis of optical wavefront distortions caused by the atmosphere, part 1 Final report	1970
19710075095	Status report, 1 July - 30 September 1970	1970
19710075104	Optimal paths for minimizing landing transition distance for jet-lift VTOL aircraft	1970
19710075105	A simple time-compression spectrum analyser	1970
19710075109	Life test of BuWeps drawing 2621815 resistors, 3	1970
19710075110	The 12001 Little John missile no. 2336, round no. 669 RO Meteorological data report for 10 Nov. 1970	1970
19710075115	Curvature effects in the diffraction of short waves into a shadow	1970
19710075116	Physiological assessment of pilot stress during landing	1970
19710075119	Keys to optimum calibration intervals	1970
19710075121	A calibration apparatus for heat flow transducers	1970
19710075122	Some simple calculations of nacelle wing interference	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075127	Environmental Research Satellite-18 data reduction and analysis. Volume 4 - The cosmic gamma-ray experiment	1970
19710075128	Qualification tests on BUWEPS drawing 2606237	1970
19710075129	Qualification tests on BUWEPS drawing 2606237, capacitor	1970
19710075131	Asymmetrical microstrip IC structures Final development report, 8 May - 15 Nov. 1970	1970
19710075142	Microwave scattering experiment on hypersonic turbulent wakes. 2 - Further development of the equipment	1970
19710075146	Preliminary assessment of the effect of finite-rate chemistry and diffusion on radiant heating in ablating protection systems	1970
19710075150	Report on the Viking 75 bio burden model	1970
19710075156	Power enhancement of a CO chemical laser by the addition of vibrationally cool gases	1970
19710075166	Design of a cathetometer for use in a precision X-ray facility at DREV	1970
19710075168	Tests on a full scale conical deflector system for shock elimination	1970
19710075206	Tests on continuous electrodes for the electrical excitation of large volumes of gas	1970
19710075208	Qualification tests on BuWeps drawing 2606237	1970
19710075210	Capacitors, fixed, metalized mylar, wrap and fill style, SEI type 17W	1970
19710075264	Hydrolytic stability of polyurethane conformal coatings	1970
19710075265	Apollo mission H3/CSM-110/SPS preflight performance report Final report	1970
19710075266	Detonation-wave effects on decameter wavelength radio waves in the lower ionosphere Final report	1970
19710075267	Combination Antenna Receive-Transmit System /CARTS/ Research and development report, Aug. 1968 - Jul. 1970	1970
19710075269	Evaluation of a T58-GE-16 engine in a natural salt air environment	1970
19710075271	ISP commission 2, working group 2 standard tests. Minutes of the session on 14 and 15 May 1970 at St. Gallen	1970
19710075273	Space object identification calibration /SOICAL/ cone and cylinder satellites Interim report	1970
19710075274	TF34-GE-2 engine heat rejection report	1970
19710075275	A new method of statistical analysis of gravity data	1970
19710075276	Exploratory development of high temperature base fluids Final report, 1 Mar. 1969 - 30 Jun. 1970	1970
19710075277	Utilization of infrared absorption spectroscopy for testing acrylic fibers - Infrared spectrum of the Melana acrylic fiber	1970
19710075278	Visual aircraft control using television techniques, VISCON system	1970
19710075279	Component performance evaluation of a Pratt and Whitney Aircraft TF-P-8 turbofan engine at simulated flight conditions Final report	1970
19710075280	Power supply, minus 2.2 kv regulated	1970
19710075281	Evaluation of Microwave Devices Division, the Bendix Corporation, part number 38100-1, type TNC, coaxial, male, radio frequency connector	1970
19710075282	System Evaluation Code Under Radiation Environment /SECURE/	1970
19710075283	Development and use of two-axis electrolytic bubble level as a precision vertical reference and tilt indicator	1970
19710075284	On optimizing accuracy ratios and instrument quality levels	1970
19710075286	Air bearing equipped cooling turbine for model F-4 aircraft cabin cooling system Summary progress report	1970
19710075289	Production engine report, T53-L-13B	1970
19710075291	The relative validity of coefficient of friction and interface friction shear factor for use in metal deformation studies Technical report, 1 Apr. 1969 - 14 Aug. 1970	1970
19710075292	Optimization of LOGOS 1 system /Phase 1/ Final report, 26 Aug. - 25 Sep. 1970	1970
19710075293	Experimental and theoretical determination of the critical speed of 480 x 200, 660 x 160, 660 x 200, and 500 x 180 tires	1970
19710075315	Qualification, transformer, Raytheon	1970
19710075317	The combustion of tungsten and manganese delay systems	1970
19710075318	Specific heat measurements for C, Mo, Ni, Pd, Pt, Ta, and Ti	1970
19710075319	Automatic registration feasibility study - Fundamental considerations	1970
19710075320	Medium-frequency sky-wave broadcasting - Effect of polarization on interference	1970
19710075321	A computer program for calculating sky-wave field strengths at medium frequencies	1970
19710075322	Pulse code modulation for high quality sound distribution - Quantizing distortion at very low signal levels	1970
19710075323	Improvements to colour film projection by modifying the spectrum of the illumination	1970
19710075324	UHF radio links - 2.5 GHz transmitting aerials for mobile radio cameras	1970
19710075325	The design of replacement aerials for Moorside Edge	1970
19710075326	Observations of the stability of the propagation time of a long television link	1970
19710075327	Pulse-code modulation for high-quality sound signal distribution - Feasibility of multiplex system	1970
19710075328	VHF receiving aerials - The use of active elements	1970
19710075329	Multiple wall weathershields for UHF aerials	1970
19710075330	An investigation into the prediction of field strength - The Guildford experiment	1970
19710075331	Satellite broadcasting - An aerial design for domestic reception in the 12 GHz band	1970
19710075332	BBC test chart 57 - A new grey scale reflectance chart for colour television cameras	1970
19710075333	The choice of primary colours for colour television	1970
19710075334	Pulse code modulation of video signals - 8-bit coder and decoder	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075335	A PCM Sound-in-Synchs system for outside broadcasts	1970
19710075336	Poseidon reliability verification test procedure 2760352	1970
19710075337	Systems analysis BLAST environment routine /SABER/ Technical report, Jul. 1969 - Jun. 1970	1970
19710075338	Error analysis of a two surfaced angle sensing light detector	1970
19710075339	An L-band moving target simulator	1970
19710075340	Evaluation of Hughes connecting devices, part number BB2A18C102, flange mounting receptacle connector with crimp type socket contacts and BC6A18C102PN002 straight plug connector with crimp type pin contacts	1970
19710075341	An approach to management education	1970
19710075342	TF34-GE-2 engine fuel pump altitude proof test	1970
19710075343	Qualification of Kemet capacitor, solid, tantalum	1970
19710075344	Operation and maintenance documentation for program XYZGEO	1970
19710075346	Production engineering measure polysulfone plastic film Final report, 29 Feb. 1969 - 31 Dec. 1970	1970
19710075357	Statistical review of counting accelerometer data for Navy and Marine fleet aircraft Summary report, 1 Jan. 1962 - 1 Jul. 1970	1970
19710075358	Low noise electronically tuneable preselector Final technical report, Jan. - Oct. 1970	1970
19710075359	The rigorous and simultaneous photogrammetric adjustment of lunar orbiter photography considering orbital constraints Interim technical report, May 1969 - Jun. 1970	1970
19710075361	Fatigue endurance of adhesive bonded glass- resin composites	1970
19710075362	The shorted loop for magnetic interference field measurements Technical report, Nov. 1969 - May 1970	1970
19710075363	Supersonic rain and sand erosion research - Erosion characteristics of aerospace materials Summary technical report, Aug. 1969 - Oct. 1970	1970
19710075364	Reliable Advanced Solid-State Radar /RASSR/ Quarterly report, 31 Aug. - 30 Nov. 1970	1970
19710075365	Electron density in the beta patch following a Spartan burst	1970
19710075367	Quantal response analysis as applied to laser damage threshold studies	1970
19710075368	ATM-6 telemetry antenna system Technical publication, Jan. 1969 - Mar. 1970	1970
19710075369	TF41-A-1 engine anti-ice evaluation Final report	1970
19710075371	ALARR vehicle environmental tests Technical report, Nov. 1969 - Apr. 1970	1970
19710075373	A closed form one-dimensional gas dynamic laser model	1970
19710075374	An evaluation of a computerized numerical wave prediction model for the North Atlantic Ocean	1970
19710075375	Foliage attenuation	1970
19710075379	Advanced concepts of microwave generation and control in solids	1970
19710075380	Evaluation of the Clairex CL603AL photocell	1970
19710075381	Development of triaxially woven fabrics Technical report, Aug. 1969 - Jun. 1970	1970
19710075382	The effect of geometric and aerodynamic non-linearities upon the flutter of orthotropic, heterogeneous, thin, elastic panels	1970
19710075383	The application possibilities of repetitive analog computer system	1970
19710075384	Secede laser radar experiment Semiannual technical report	1970
19710075386	Servo motor tachometer D/N 926C317 field failure investigation	1970
19710075387	Temperature cycle, dialight lampholders Evaluation test report	1970
19710075390	Transistor, PNP, high voltage	1970
19710075391	Thermal power dissipation of solid state electric power controllers	1970
19710075393	Crossed-beam phased-array antenna Final report, 1 Nov. 1969 - 13 Nov. 1970	1970
19710075394	Integrated circuit, 16 bit memory cell	1970
19710075397	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710075398	Research on flight control systems. Volume 3 - Fly by wire techniques Final report, 17 Aug. 1968 - 14 Nov. 1969	1970
19710075399	Evaluation of Genisco Technology Corporation, model GMO 867, plus or minus 15 g's acceleration transducer	1970
19710075404	Program RADAR	1970
19710075405	Program CHAIN operations and maintenance documentation	1970
19710075408	Qualification, transformer, Raytheon, SR70-4183	1970
19710075409	Qualification, transformer, Raytheon, ER70-4227	1970
19710075410	Qualification, transformer, Raytheon	1970
19710075413	Qualification test on BuWeps drawing 2606237, capacitor	1970
19710075414	Fuse, sub-miniature hermetically sealed	1970
19710075415	A fiducial system for the Tektronix type 519 oscilloscope	1970
19710075419	Satellite data analysis to investigate the horizontal ion density gradients in the lower ionosphere Quarterly technical report	1970
19710075420	Test report on evaluation of conductor repair on printed wiring boards	1970
19710075421	Torquer-potentiometer qualification	1970
19710075422	Semiconductor, diode, photoconductive plastic Engineering evaluation test report	1970
19710075423	Experimental measurement of space diversity improvement at 37 GHz Final report	1970
19710075426	Transistor, silicon, n-p-n, high frequency	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075427	Partial qualification of sensitive separation switch	1970
19710075428	Qualification of miniature waveguide isolators	1970
19710075429	Dielectric waveguide phase-matching of infrared parametric interactions	1970
19710075430	Radiation hardness assurance for electronic systems	1970
19710075433	Description of Navy navigation satellite system transit, altimetry, and other programs related to UCNl	1970
19710075434	Silicon carbide whisker metal matrix composites Interim technical report, 1 Dec. 1968 - 1 Dec. 1969	1970
19710075435	Evaluation and performance of TD cobalt alloys as guide vanes in gas turbine engines Final report, 1 Jun. 1969 - 15 Oct. 1970	1970
19710075436	C3 reliability verification test procedure, part number 2760038, integrated circuit, high voltage, high current driver	1970
19710075437	C-3 reliability verification test procedure, part number 2760121	1970
19710075446	Exploratory development on improved cladding and extramural absorbing materials for glass fiber optics Final technical report, 15 Apr. 1968 - 15 Oct. 1969	1970
19710075447	C-3 reliability verification test procedure part no. 2760141-3, part no. 2760121	1970
19710075448	Transistor, PNP, high voltage, 02	1970
19710075449	Environmental qualification test report, flight component, Athena H. Terminal board A5	1970
19710075450	Environmental qualification test report, power change over terminal board A6	1970
19710075453	Prompt gamma radiation in slow-neutron induced fission of U-235 in coincidence with the total fragment kinetic energy	1970
19710075460	Evaluation of personnel parachute deployment and inflation aids Final report	1970
19710075461	A transonic investigation of jet plume effects on base and afterbody pressures of boattail and flare bodies of revolution	1970
19710075462	Reflectivity of silver and gold as a function of temperature at four micron wavelength Technical report, Oct. 1966 - Jun. 1970	1970
19710075463	High temperature elastomer networks from difunctional block polymers Interim report, 1 Aug. 1969 - 31 Jul. 1970	1970
19710075466	On board checkout and computer management	1970
19710075467	Evaluation of microwave devices, the Bendix Corporation, part no. 38109-1, Type TNC, right angle, male radio frequency connector	1970
19710075468	Evaluation of Microwave Devices Division, the Bendix Corporation, part no. 38108-2, Type TNC, jam nut mounted, female, radio frequency connector	1970
19710075471	Stephenson resuscitator, resuscitator head, Emerson resuscitator, high pressure regulator	1970
19710075473	Literature search and radiation study on electronic parts	1970
19710075478	CDF pyrogen initiator	1970
19710075479	Evaluatio5 of two floor finishes, FSN 8010-530-8371 and seal code no. 145	1970
19710075490	A set of neutron fluence-to-kerma factors for selected elements	1970
19710075492	Microwave modular devices Final report, 1 Apr. 1968 - 30 Jun. 1970	1970
19710075493	Automated test equipment	1970
19710075509	Power supply, plus 12 and plus 2 kv, regulated	1970
19710075510	Resistor, precision film	1970
19710075511	Qualification of flow switch	1970
19710075512	Qualification of waveguide fitting	1970
19710075515	Aerial observation of Gulf Stream phenomena, Virginia Capes Area A, October 1968 - May 1969	1970
19710075516	Qualification of US Capacitor Corporation capacitor, fixed, ceramic	1970
19710075521	Investigation of an isotopic emitter for nuclear barometer	1970
19710075523	Fabrication process for oxidation resistant diboride materials Interim report	1970
19710075525	The effect of acceleration on composite propellant combustion	1970
19710075526	Possibility of using thin InSb films for Faraday rotation millimeter-wave isolators	1970
19710075527	Cinematographic study of composite solid propellant combustion in positive and negative acceleration fields	1970
19710075528	The detection of time-varying laser signals Technical report, 1 Jan. 1969 - 30 Jun. 1970	1970
19710075532	An analysis of the buckling pressure, stress and deflection of a submarine hull structural assembly Final report, 4 Oct. 1968 - 30 Dec. 1970	1970
19710075533	A useful variation of Hadamard's finite part integrals	1970
19710075536	Integrated circuit input amplifier - Failure analysis report	1970
19710075537	Integrated circuit, input amplifier - Failure analysis report	1970
19710075539	Explosives cart	1970
19710075541	Operations and maintenance documentation for program STRAIN	1970
19710075542	Investigation of maintenance-free, high-rate, nickel-cadmium battery power system for aircraft application Final technical report	1970
19710075548	Failure analysis of semiconductors from POLARIS/POSEIDON systems	1970
19710075549	Analysis of magnetic particle inspection materials Bayol D and 14A concentrate	1970
19710075552	Adaptation of three rotating-mirror, framing cameras to a common electronic control	1970
19710075553	Capacitor discharge unit model AWS70	1970
19710075556	Qualification of Components, Incorporated capacitor, solid, tantalum	1970
19710075560	Lubrication of electric contacts and switches	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075561	Production engineering measure for 2 watt, 20 watt and 100 watt thermoelectric coolers Quarterly progress report, 24 Jul. - 31 Oct. 1970	1970
19710075563	Investigation of metallic pigments as corrosion preventives in aircraft primers	1970
19710075566	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 Aug. - 31 Oct. 1970	1970
19710075569	Identifying the design, materials and assembly processes of the Motorola MC1540 integrated circuit Final report	1970
19710075570	Identifying the design, materials and assembly processes of the Texas Instruments, Incorporated SN4L73 Final report	1970
19710075571	Training philosophy for complex navigation systems	1970
19710075572	MTV photo optical pretest report	1970
19710075573	Properties of thin walled rectangular beryllium extrusions	1970
19710075574	Requirements for minimum backup flight control systems Final technical report, 15 Dec. 1968 - 15 Dec. 1969	1970
19710075575	Bare base precision measurement equipment /PME/ consolidation Final report, 1 Feb. - 5 Jun. 1970	1970
19710075577	Performance evaluation of I C voltage regulators	1970
19710075578	Evaluation of General RF fittings, division of Solitron/Microwave, part number 3017-0005, right angle, male radio frequency connector	1970
19710075579	Evaluation of the Amelco JAN 2 N3823 N channel field effect transistor	1970
19710075580	Evaluation of Fairchild semiconductor JAN 1 N4148 silicone switching diode	1970
19710075581	Man's future role as an aircraft navigator	1970
19710075582	Detection and recognition models	1970
19710075583	Qualification test - P channel field effect transistor	1970
19710075587	Parametric studies with dynamic models	1970
19710075588	Qualification tests performed on resistors, variable, nonwire wound, lead screw actuated, Style RJ26 Burns model 3262	1970
19710075589	Qualification tests on variable, nonwire wound, lead screw actuated resistors	1970
19710075592	Structural panel fastener acoustic test Engineering test summary	1970
19710075594	Hybrid computer system MEDA - Hybrid 1	1970
19710075595	Application of photographic extraction techniques to nondestructive testing of graphites and other materials Final technical report, 15 Apr. 1969 - 15 May 1970	1970
19710075597	Hardar program Final technical report, 3 Nov. 1969 - 2 Sep. 1970	1970
19710075599	Notes on chemical lasers. Part 1 - Background	1970
19710075600	Study of high performance receiver front ends Final development report, 1 May - 1 Nov. 1970	1970
19710075601	Attenuation of infrared radiation emitted from hot surface by transpiration of an absorbing gas Final report, 3 Sep. 1968 - 31 Aug. 1970	1970
19710075604	Study of RF modulated crossed field amplifiers Semiannual report, 20 Dec. 1969 - 19 Jun. 1970	1970
19710075605	Manufacturing method for precision casting titanium alloy aircraft components Interim engineering progress report, 16 Sep. - 16 Dec. 1970	1970
19710075606	Montana large aperture seismic array Quarterly technical report, 1 Aug. - 31 Oct. 1970	1970
19710075607	Study for the optimization of continuous whiskerizing Final technical report, 22 Dec. 1969 - 21 Nov. 1970	1970
19710075608	Pinhole formation in RF sputter deposited glass films	1970
19710075609	Sinusoidal oscillations from liquid epitaxy gunn diodes	1970
19710075610	Results of wind tunnel force tests on materials test vehicle models at Mach numbers from 0.5 through 7.3	1970
19710075611	Thrust producing gyro	1970
19710075618	Production engineering measure for high voltage aluminum high reliability electrolytic capacitors Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710075621	Solid state V-band devices Final report, 2 Dec. 1968 - 1 Sep. 1970	1970
19710075622	Instruments and controls, voltage, indicating and measuring, dial	1970
19710075628	MAGIS, 1000 kw alternator development Final report, 6 May 1969 - 22 Jan. 1970	1970
19710075629	Study of an absolute type transportable gravimeter	1970
19710075630	Polish flying instruments	1970
19710075631	Concepts and applications of computerized associative processing, including an associative processing bibliography	1970
19710075632	Evaluation of geometry factors in roller bearings Final technical report, 1 Jul. 1968 - 15 Jul. 1970	1970
19710075634	Adaptive control and guidance for tactical missiles. Volume 1, parts 1 and 2 - Introduction and adaptive control theory	1970
19710075635	Advanced Projects and Reactor Physics Division Progress report, 1 Jul. - 30 Sep. 1970	1970
19710075636	J52-P-8A engine, idle undershoot investigation Final report	1970
19710075637	Data - A computer code for obtaining thermal material property data and array data cards for CINDA-3G heat transfer code	1970
19710075638	Laser hazards and safety requirements - An annotated bibliography	1970
19710075639	Tungsten lamp modulation test	1970
19710075640	Transistor, N-P-N, power	1970
19710075641	Testing additives for motor oils	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075642	Evaluation of microbial contamination on a carbon dioxide scrubber membrane in a recirculating-breathing system Technical report, Jul. 1969 - May 1970	1970
19710075643	SCEPTRE users' manual	1970
19710075644	Carbon seal wear tests using the RTD seal rig Phase report, 1 Feb. 1969 - 1 Feb. 1970	1970
19710075646	Elastomeric valve seat materials for hydrazine propulsion systems Final report, 1 May 1969 - 30 Apr. 1970	1970
19710075647	Ceramic awareness bulletin number 25, November - December 1970	1970
19710075648	Qualification of Vishay resistor, fixed, metal film	1970
19710075650	A study of multi-level aeromagnetic survey data off Barking Sands, Kauai, Hawaii	1970
19710075651	Response of an instrument flown on BK - Recalibration of the prototype P-detector Technical note, Oct. 1964 - Oct. 1970	1970
19710075652	STS computer architecture Final report	1970
19710075653	Effects of design parameters for lightweight superconducting MHD magnets Technical report, Nov. 1968 - Aug. 1970	1970
19710075654	Nimbus E and F study Final report, 27 Jun. 1968 - 30 Apr. 1970	1970
19710075655	Meteorological support to US Army RDT and E activities /fiscal year 1970/ Annual report	1970
19710075656	Measurements of neutron yield and angular distribution from Hermes 2 composite targets	1970
19710075657	Analysis and design of spring supports for impulsively loaded cylinders	1970
19710075658	Electromagnetic pulse sensor and simulation notes. Volume 6 - Notes 79 through 91	1970
19710075659	Determination method of reliability of combinational logic networks built up of threshold functors	1970
19710075663	Development of an integrated computer program that extracts lateral-directional modal parameters from digitally recorded flight test data Final report	1970
19710075665	Effect of production rate distributions on the chemistry of the beta patch at 70 km	1970
19710075667	Real time computer complex Monthly progress report	1970
19710075681	Development of new high energy explosive compositions /U/ Final report, 9 Feb. - 31 Oct. 1970	1970
19710075682	Survivable flight control system program. Simplex actuator package. Supplement for survivability analysis /U/ Interim report, 7 Jul. 1969 - 16 Nov. 1970	1970
19710075685	Evaluation of load and speed effects on typical helicopter transmission drive shafts when subjected to ballistic impact /U/ Technical report, May - Oct. 1969	1970
19710075686	Experimental automatic detector tests /U/ Final report	1970
19710075687	Demonstration planning and progress report for the F-14A aircraft /U/	1970
19710075688	Beacon Only Precision Bombing System /BOPBS/. Radar bomb directing set AN/TPB-1 /U/ Final report, Sep. 1969 - Feb. 1970	1970
19710075717	Design criteria for an inspection and diagnostic system for the UH-1D helicopter Final report	1970
19710075718	Development of a double-deposited 1000 F solid lubricant Technical report, Jan. 1969 - Jan. 1970	1970
19710075719	Evaluation of gamma spectrometric fission product release measurements on second charge centre rods	1970
19710075720	Model GDR-1C-19-T Giff depth recorder	1970
19710075721	Qualification tests performed on resistors variable, nonwire-wound, lead screw actuated, style RJ12 Bourns model 3052	1970
19710075725	Compatibility of various plastic propellant mixtures	1970
19710075727	The behavior of 6 Al 4V titanium spherical shells under static, cyclic, and creep conditions Final report	1970
19710075731	Accelerated service test of the TF41-A-2 engine Interim report	1970
19710075741	Propulsion systems for advanced geosynchronous satellites Technical report, Aug. 1967 - Mar. 1969	1970
19710075742	Skua 2 rocket AMM-S2-09 launched at Churchill Research Range, 13 November 1970	1970
19710075744	Zinc electrode kinetics research Annual technical report no. 1, 15 Dec. 1969 - 15 Dec. 1970	1970
19710075745	Activities associated with rotating superconducting machinery	1970
19710075747	Partial qualification of power reactors	1970
19710075748	Evaluation of national semiconductor LM101 operational amplifiers for space flight applications	1970
19710075749	Reduction of turbulent-boundary-layer noise beneath an elastomeric material	1970
19710075750	Overview document - Design and analysis of rubber components for transducers	1970
19710075751	Modification program for the search and intercept assembly, phase 2 Final technical report, 13 Nov. 1968 - 2 Feb. 1970	1970
19710075752	Tests on a model of a fast circuit breaker for very high currents	1970
19710075753	Flexural vibrations of a laminated plate Summary report	1970
19710075754	Interfacial interaction in composite structures Final report, 20 Nov. 1969 - 19 Nov. 1970	1970
19710075756	Single failure point analysis of the test and switching center wideband switching subsystem	1970
19710075760	Braking intensity control of anti-skid units	1970
19710075763	Forming of flanged hatchway openings in 2219 aluminum alloy sheet and plate for space station applications	1970
19710075767	Investigation and development of new concepts for improvement of aircraft electrical power systems Quarterly progress report, 14 May 1968 - 14 Jul. 1970	1970
19710075777	The Fulmer Research Institute	1970
19710075778	Pressure sensitive adhesive tapes, Plymouth rubber /H4-81165/	1970
19710075779	Glass insulation tape	1970
19710075791	DASA EMP /electromagnetic pulse/ handbook - Resource information	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075794	Black Brant rocket ADD-VB-31 launched at Churchill Research Range, August 1970	1970
19710075795	Independent research and development report, 1968	1970
19710075806	Minimum cost design booster pressurization system injector development Final report, 1 Sep. 1968 - 30 Apr. 1969	1970
19710075807	Multifunction bulk effect integrated circuits Final report, 30 Jan. - 30 Apr. 1970	1970
19710075813	Evaluation of corroded black iron pipe of HVAC chilled water system	1970
19710075847	Research on photoelectronic image devices Annual report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710075848	Surveillance of Sidewinder AIM-9C gas generator Mark 7 Mod 0	1970
19710075849	Spacecraft systems analysis project Progress report	1970
19710075860	Development of a proximity focused image intensifier tube with a transparent III-V semiconductor compound photocathode /U/ Quarterly report, 5 May - 31 Aug. 1970	1970
19710075868	Overview document - Interstice math modeling results	1970
19710075869	Overview document - Transient analyses activities conducted in FY 1970	1970
19710075870	A spherical shell under elastic-plastic deformation and creep	1970
19710075871	Digital matched filter analysis and design techniques Final technical report	1970
19710075872	Overview document - Flexing head mathematical model	1970
19710075873	Adaptive control and guidance for tactical missiles. Volume 2 - Parts 3 and 4, adaptive control applications and guidance	1970
19710075874	A discrete Kalman-derived first order-filter	1970
19710075875	Manufacturing methods for mercury doped germanium infrared detector arrays Interim report, 1 Mar. - 31 May 1970	1970
19710075876	The response of leaded windows in Wisbech Parish Church to sonic bangs	1970
19710075877	Buckling of rectangular plates under thermal compression and shear	1970
19710075878	Oxygen concentrator bonding program Summary report, Apr. - Aug. 1969	1970
19710075880	Adhesive coated plastic sheet and aluminum- backed tape	1970
19710075882	Evaluation of Freon and ethyl alcohol cleaning of various rubber materials, Parker Seal /H4 code-83259/ and Disogrin /H4-05262/	1970
19710075883	Assessment of graduates for research in broadcasting	1970
19710075885	Detailed thermal and structural analysis of graphite nose tip models tested in arc-heated air	1970
19710075887	NOSET-A monopropellant - Preliminary evaluation /U/	1970
19710075891	Acquisition ranges for laser semi-active guidance systems /U/	1970
19710075892	Evaluation of APAIR Air ASW engagement model passive acoustic detection phase /U/	1970
19710075893	Battery technology at NUSC /U/	1970
19710075894	LWIR mosaic captive flight test system, phase 5 /U/ Final report, 18 Jun. 1969 - 30 Nov. 1970	1970
19710075913	Advanced midcourse active system. Volume 4 - Investigation of reduced size antennas /U/ Final report Jan. 1969 - Apr. 1970	1970
19710075942	Demonstration planning and progress report for the F-14A aircraft /U/	1970
19710075944	Estimating local errors for Runge-Kutta methods	1970
19710075945	Debris driven collisionless shocks - Theoretical considerations and results of feasibility experiments	1970
19710075946	COMPIL and COMPAX, two interactive graphics programs to aid centrifuge simulation	1970
19710075947	Ambient temperature binder cure catalysts for hydroxy terminated systems Quarterly technical report, 1 Oct. - 31 Dec. 1970	1970
19710075948	Report on gravimetric activity in Czechoslovakia	1970
19710075949	On the uniqueness and convergence of the expression for the gravimetric correction term	1970
19710075950	SEDS /System Effectiveness Data System/, supporting computer software, SOBF program, analysis of system operating time between successive failures Final report, 1 Apr. 1968 - 31 Jul. 1970	1970
19710075952	Systems component electromagnetic compatibility Quarterly report, 1 Mar. - 31 May 1970	1970
19710075957	The turbomachinery group at Cambridge	1970
19710075958	Some German solid state and metallurgical research	1970
19710075959	Arecibo 430 MHz feed development study Quarterly engineering report, 15 Oct. - 15 Dec. 1970	1970
19710075960	Investigation of delay and rise time	1970
19710075962	Experimental study of weak interactions	1970
19710075963	Fundamental studies in fallout formation processes Progress report, Jun. 1969 - Jun. 1970	1970
19710075966	A procedure utilizing foam generating equipment for washing aircraft	1970
19710075967	Integrated target control system AN/USW-3/XN-1/ /V/ Interim engineering report, 1 Oct. - 31 Dec. 1970	1970
19710075970	Low altitude atmospheric turbulence LO-LOCAT phase 3. Volume 2, part 2 - Frequency data plots Final report, 17 Apr. 1968 - 17 Aug. 1970	1970
19710075971	Safety evaluation report - A 7-foot bubble chamber test facility	1970
19710075976	Unsteady one dimensional isentropic flows of flashing water	1970
19710075977	Steady planar supersonic jets of flashing water	1970
19710075978	C-3 reliability verification test procedure 2760352-1	1970
19710075979	Development and test of a flyable X-ray scattering air density sensor Final report, Aug. 1965 - Jul. 1970	1970
19710075980	Report of test on griplet terminals	1970
19710075981	Report of test on capacitor, HV, 0.75 microfarad, 10000 WVDC	1970
19710075982	Report of confidence testing of encoders	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075984	Qualification, transformer, OECO	1970
19710075986	Qualification test, low pressure ducts	1970
19710075987	Provisional standard tests of the International Society of Photogrammetry for photogrammetric measuring and plotting instruments	1970
19710075988	Reliability verification test for transformer, signal, part no. 2760135-1	1970
19710075990	Qualification test of duplex blower	1970
19710075992	Active device models for Electronic Circuit Analysis Program /ECAP/	1970
19710075995	Selected TFE development activities status report /U/	1970
19710076004	SEDS /System Effectiveness Data System/, supporting computer software, bridge program, maintenance event generator and spares assessment Final report, 1 Apr. 1968 - 31 Jul. 1970	1970
19710076005	Methods of dynamic measurements of mechanical values	1970
19710076006	SEDS /System Effectiveness Data System/ supporting computer software. KOSM program, Kolmogrov-Smirnov goodness of fit test with case selection Final report, 1 Apr. 1968 - 31 Jul. 1970	1970
19710076008	Mercuric oxide battery for transceiver applications Technical report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710076010	Satellite search and rescue system studies - Alarm and position reporting Final report, 15 Apr. - 15 Dec. 1970	1970
19710076011	Some remarks on measurement of horizontal angles	1970
19710076012	The 3.2 millimeter transmitter tube Final report, 1 Jul. 1968 - 30 May 1970	1970
19710076015	Qualification test of rotary switch	1970
19710076016	Poseidon reliability verification test procedure 2760352	1970
19710076021	Planetary ball swaging of welded titanium alloy tubing Interim engineering progress report, 1 Jul. - 30 Sep. 1970	1970
19710076022	Some random functions used in gravimetry and their properties	1970
19710076023	Solid state V-band devices Final report, 1 Nov. 1968 - 31 Oct. 1970	1970
19710076024	An analytical approach to predict the aerodynamic stability characteristics of an autorotating ribbed spherical bomblet	1970
19710076025	Solar heat source feasibility study Final technical report, 1 Oct. 1969 - 15 Aug. 1970	1970
19710076032	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage Quarterly report, 30 Jun. - 30 Sep. 1970	1970
19710076066	SNAP reactor programs progress report, August - October 1970 /U/	1970
19710076067	LASL rover program /U/ Quarterly status report for period ending 13 Nov. 1970	1970
19710076069	Development of a space thermionic reactor power plant /U/ - Periodic progress report, 1 Mar. - 30 Jun. 1970	1970
19710076083	Study of radiation effects on novel semiconductor devices Final report, 15 Dec. 1968 - 31 Aug. 1970	1970
19710076084	MNOS semiconductor memory timer, phase 1 Final report	1970
19710076085	Hydrolytic stability of potting compounds for electrical connectors Technical report, Aug. 1968 - Apr. 1970	1970
19710076086	Development of a method to produce pictures with acoustic energy, phase 2 Final report, 1 Dec. 1969 - 31 Dec. 1970	1970
19710076087	Master group multiplexer, preliminary design plan	1970
19710076088	Subsonic flutter characteristics of a variable sweep wing and horizontal tail combination Final report, Jan. 1968 - Jan. 1970	1970
19710076091	Reliability physics study of microwave solid state devices Interim technical report, 25 Mar. - 24 Sep. 1970	1970
19710076093	Manufacturing methods for producing large, close tolerance, thin walled titanium shapes for aircraft structural applications Interim engineering progress reports, 16 May - 15 Nov. 1970	1970
19710076118	Follow-on studies on the ballistic impact of composite materials Final report, Jul. 1969 - Jul. 1970	1970
19710076120	Fatigue strength of lugs containing liners. Volume 1 - Results Final report	1970
19710076125	Research on diagnostics of plasma properties Technical report, 15 Mar. 1968 - 15 Nov. 1970	1970
19710076126	Nonflammable PBI fabrics for prototype Air Force flight suits Technical report, Aug. 1969 - Mar. 1970	1970
19710076128	Microwave active network synthesis Interim report, 30 Jun. 1970 - 31 Jan. 1971	1970
19710076129	Buckling and stress analyses of sandwich shells	1970
19710076130	Integrated circuit techniques for display Final report, 2 Jun. 1969 - 1 Jun. 1970	1970
19710076131	Satellite and radar analysis of mesoscale features in the tropics Final report, 1 Jun. 1969 - 31 May 1970	1970
19710076132	Illustration of Bayesian analysis of a Weibull process	1970
19710076133	Evaluation /characterization/ tests on resistors fixed metal film	1970
19710076134	Solid lubrication technology. Part 2 - Solid lubricated high speed high temperature ball bearings for high load applications Final report, 1 Jan. 1969 - 30 Apr. 1970	1970
19710076136	In place tube welding manufacturing technology Interim progress report, 28 Feb. - 31 Dec. 1970	1970
19710076137	AUTOVAN switch 490L category 2 test report	1970
19710076138	Long life RF power transistors low noise Final report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710076139	Advanced avionic digital computer arithmetic and control unit design study Final report, 25 Jun. - 31 Dec. 1970	1970
19710076141	Hydrazine catalyst evaluation Final report, 1 Jan. 1969 - 1 Jul. 1970	1970
19710076142	Production engineering measure for digital electronic fuze timer XM587E2 Quarterly report, 1 Mar. - 31 May 1970	1970
19710076143	Telecommunications in the Netherlands	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076162	Evaluation of the fused slurry silicide coating considering component design and reuse Final technical report, 1 Jun. 1967 - 31 Dec. 1969	1970
19710076163	Integrated solid state microwave sources Final progress report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710076165	Low noise C-band transistor gain module Quarterly report, 15 Jun. - 14 Sep. 1970	1970
19710076166	Development of an Electron Beam Recorder high resolution electronic camera for a High Resolution Electronic Camera /EBR for HiREC/ Final technical report, 1 May 1969 - 1 Jun. 1970	1970
19710076167	Qualification of Unitorde zener diode	1970
19710076168	Holographic determination of the droplet size distribution of a simulated defoliant spray in a 400-knot airstream Final report, 27 Jan. - 12 Feb. 1970	1970
19710076174	Analysis and interpretation of magnetic field measurements performed by the Mariner 4 /Mars/ and Mariner 5 /Venus/ space crafts Semiannual progress report, 1 Apr. - 30 Sep. 1970	1970
19710076177	Nonresonant feedback in lasers	1970
19710076180	Project Themis - A center for remote sensing Semiannual technical report, 1 Mar. - 15 Sep. 1970	1970
19710076182	Applied research in electronic warfare techniques Final report, 1 Jan. 1968 - 31 Dec. 1969	1970
19710076184	Qualification tests on resistors carbon composition	1970
19710076185	Environmental evaluation of microelectronic circuits, amplifier, diffused elements	1970
19710076187	Qualification, delay line, Andersen	1970
19710076188	Radar and battery resource allocation, volume 3 Final technical report	1970
19710076189	Test report on qualification of edge card connectors	1970
19710076199	Demonstration planning and progress report for the F-14A aircraft /U/	1970
19710076212	The Apollo basic concept of data management	1970
19710076216	Emulsified fuel vulnerability study Final report, Jul. 1969 - May 1970	1970
19710076218	At-sea simulation of adaptive beamforming	1970
19710076239	Explosive forming of solid propellant rocket motor end closures Technical report, 1 Feb. 1969 - 30 Apr. 1970	1970
19710076240	AADC /Advanced Avionics Digital Computer/ arithmetic and control functional block diagram design analytical study Final report	1970
19710076248	Air traffic management in the 1970's and beyond. Professional study	1970
19710076290	Rocket technology, documentary materials - Selected articles	1970
19710076303	Qualification, transformer, ADC	1970
19710076304	Terminal area Fail-Operational Guidance System /FOGS/ hybrid simulation Final report	1970
19710076306	Monthly technical progress report, December 1970	1970
19710076307	Theory of reaction kinetics Progress report	1970
19710076308	TF34-GE-2 engine preliminary flight rating test. Volume 2 - Electrical and electronic interference and susceptibility test	1970
19710076309	Quarterly report, volume 2, number 4	1970
19710076310	Testing of no. 30 AWG wire crimping techniques	1970
19710076312	Shell size 16, single hole mount, insert arrangement 16-07	1970
19710076313	JSIPS trajectory-sensor program /Trasen/, users manual	1970
19710076315	Cenco HY-VAC oil 93050, no. 3, Cenco Instruments Corporation /H4-11273/	1970
19710076316	Methods of analysis for the BNL plutonium- heavy water exponential lattice experiments	1970
19710076322	Carbon fibers in the plastic industry	1970
19710076323	Remote Raman detection study instrument Quarterly progress report, Jul. - Sep. 1970	1970
19710076324	Surface treatment and sensitization of semiconductor photocathodes Quarterly report, Jul. - Sep. 1970	1970
19710076326	Feasibility investigation of a laminar rate sensor /LARS/ phase 2 report Final report, 24 Aug. 1969 - 24 Nov. 1970	1970
19710076330	Retainer/dissipator, therma-link /heat sink/	1970
19710076331	Evaluation report on Endevco model 2260M11 piezoresistive accelerometer	1970
19710076332	Offline design of multichannel filters	1970
19710076335	Code identification for AFML-TR-70-105 hydrolytic stability of potting compounds for electrical connectors, supplement 1 Technical report, Aug. 1968 - Apr. 1970	1970
19710076336	Performance evaluation of 12 amp rectifier diodes	1970
19710076343	UHF communications touch-tune system for radio set AN/ARCH-51A Final engineering report, 13 Jun. 1968 - 15 Sep. 1969	1970
19710076344	Intriguing accident patterns plotted against a background of natural environment features	1970
19710076346	Research on additives for high temperature hydraulic fluids Final report, 1 Jul. 1969 - 1 Nov. 1970	1970
19710076348	Solenoid valve, Marotta Valve Company P/N 806098, S/N 194, service arms system, ML-3	1970
19710076349	Qualification testing of polypropylene sand bag fabric	1970
19710076350	Spectral reflectivity data - A practical acquisition procedure	1970
19710076352	Special study of SA827 dc motors	1970
19710076353	Evaluation of 3M Type 7743 dry silver paper and Model 179 Printer-Processor Research and development technical report	1970
19710076355	On the pulse excitation of a cylinder in a parallel plate waveguide	1970
19710076360	The 11602 Lance missile no. 5120, round no. 105 Meteorological data report for 16 Nov. 1970	1970
19710076361	The 11601 Lance missile no. 5149, round no. 108 Meteorological data report for 10 Dec. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076363	Statistical discrimination. Higher mode detection studies Technical report, 25 Aug. 1969 - 14 Sep. 1970	1970
19710076365	Solenoid valve, Marotta Valve Company P/N 806098, S/N 260, service arms system, ML-2	1970
19710076366	Prototype digital receiver system operator's manual, volume 3 Final report, Jun. 1968 - Jan. 1970	1970
19710076367	Infrared 10.6 micrometer monopulse receiver system Quarterly report, 15 Jul. - 30 Sep. 1970	1970
19710076368	Filter reactors - Qualification tests	1970
19710076369	Step down power transformer qualification tests	1970
19710076393	Individual acceptance test of connectors, electrical, plug only, low volume and low signal, rem nonsolder type, min rd	1970
19710076394	Individual acceptance test of connector, electrical, mated pair, low volume and low signal, rem nonsolder type, min rd cryogenic	1970
19710076395	The topography of the fracture surface of some uranium alloys	1970
19710076396	A study of possible causes of wake contamination of Range 5 rounds	1970
19710076400	Transformer, audio frequency, tuned, qualification tests	1970
19710076401	A general purpose contouring system	1970
19710076402	The 12001 Little John laser missile no. 2397, round no. 672 Meteorological data report for 8 Dec. 1970	1970
19710076404	C-3 reliability verification test procedure part number 2760058-1	1970
19710076405	Capacitors, fixed, polyester, metalized, NPC	1970
19710076406	Qualification test of simplex blowers	1970
19710076434	Vibrational population inversion of CO in a free-burning CS ₂ /O ₂ flame	1970
19710076436	Study of the mechanism of tempering of a quenched U-2Mo alloy	1970
19710076437	The effect of heat-treatment on the mechanical properties of U-2Mo and U-1Mo-.7Nb-.7Zr	1970
19710076440	Applications study of expandable space structures Final report, Jan. - Dec. 1969	1970
19710076441	Experimental study of excitation and ionization of multiply charged atomic ions of N and O by electron impact Final technical report, 17 Nov. 1969 - 17 Nov. 1970	1970
19710076444	Qualification, inductor, ADC	1970
19710076445	Qualification, inductor, Raytheon	1970
19710076446	Qualification, inductor, Scott /19 August 1970/	1970
19710076450	Burning time extension in tungsten delay compositions with ceric oxide and vanadium pentoxide flame sustainers Technical report, Jun. 1969 - Mar. 1970	1970
19710076452	Production engineering measure on multistage solid state power amplifiers Quarterly progress report, 6 Jul. - 5 Oct. 1970	1970
19710076454	Computerized rocket evaluation and analysis program, Mod 2. Volume 2 - Analyst manual Final report, 29 May - 11 Sep. 1970	1970
19710076456	Electronically controlled high dynamic range tuner Quarterly report, 17 Jun. - 16 Sep. 1970	1970
19710076457	CORNAP user's manual - CCE version	1970
19710076458	The 12001 Little John laser missile no. 2364, round no. 671 Meteorological data report for 1 Dec. 1970	1970
19710076459	Strain and strain-rate effects on the conversion of plastic work to heat	1970
19710076460	An initial investigation into strain softening	1970
19710076461	A transversely spark-initiated chemical laser with high pulse energies	1970
19710076473	Prognosis of materials - Research trends Final report, 6 Jun. 1968 - 5 Jul. 1970	1970
19710076474	Spinwave relaxation in low anisotropy antiferromagnets	1970
19710076478	Nike-Apache NASA 14.413 /27 August 1970/	1970
19710076482	An in-flight investigation to develop control system design criteria for fighter airplanes, volume 1 Final report	1970
19710076483	Directory of STOL strips in Thailand, volume 1	1970
19710076489	Birds Eye 1-70, 17-26, April 1970	1970
19710076490	Real time data transmission and processing for missile testing	1970
19710076500	DRD's for acquisition of in-house and contractor technical and management data	1970
19710076505	Measurements of fluctuations in turbulent boundary layers with heterogeneous composition Semiannual progress report, 1 Sep. 1970 - 28 Feb. 1971	1970
19710076523	Production engineering measure for field effect, metal-oxide, semiconductor, cascode, 100 MHz Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710076527	Life support systems requirements. Volume 1 - Section 1 - System analysis Final report, Oct. 1969 - Jul. 1970	1970
19710076528	Life support systems requirements. Volume 2 - Section 2 - Biotechnology requirements Final report, Oct. 1969 - Jul. 1970	1970
19710076529	Operation of the experimental array radar adapter	1970
19710076530	Research on electrochemical parameters for nonaqueous batteries Final report, 1 Oct. 1969 - 30 Oct. 1970	1970
19710076531	Preparations for satellite triangulation at the German Geodetic Research Institute and the Bavarian Commission for International Geodesy	1970
19710076532	JSIPS trajectory sensor /TRASSEN/ program. Programming Specifications Manual /PSM/	1970
19710076533	Research on microwave amplification in semiconductors Interim technical report, Nov. 1969 - Aug. 1970	1970
19710076535	Poseidon reliability verification test procedure, test report	1970
19710076536	Poseidon reliability verification test procedure, 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076537	Connectors, miniature printed circuit, edge-on contacts, Digi-Klips, gold plated, supplement	1970
19710076540	Transformations between ellipsoidal coordinate systems	1970
19710076541	National report of the German Democratic Republic to the meeting of the International Gravity Commission	1970
19710076542	Automatic photographic analysis system for X-ray radiographs. Code R system Interim engineering progress report, 1 Aug. - 31 Oct. 1970	1970
19710076546	The response of aircraft camouflage lacquers to thermal radiation. Part 1 - Zero air flow and 6000 K radiator	1970
19710076547	A new method for the economical utilization of numerical machine tools	1970
19710076548	The superposition of two plane sound waves of finite amplitude and coincident direction of propagation	1970
19710076549	Erbium laser transmitter module Final report	1970
19710076551	Numerical simulation of a laboratory neutron tube	1970
19710076552	Nike-Apache NASA 14.413 UG /27 June 1970/, meteorological data report	1970
19710076553	A traffic model for a reuseable nuclear shuttle	1970
19710076555	Vapor decomposition by microwave discharge Quarterly progress report, Aug. - Nov. 1970	1970
19710076557	Engineering flight tests for Project 614 rockets	1970
19710076558	Research on the electrochemical oxidation of hexane and its isomers Final technical report	1970
19710076561	Surface breakdown of germanium and silicon devices	1970
19710076562	A 9600 bit per second modem and circuit tests Final report, 27 Feb. - 30 Sep. 1970	1970
19710076563	Cockpit compatibility studies conducted with aircrew members wearing high altitude flying outfits in B-57D, B-57F, F-104A, F-104B, F-106A, and F-106B aircraft	1970
19710076564	World charts of Bouguer anomalies, 1 - 1,000,000. Laghouat, Rabat	1970
19710076565	Smoke abatement in gas-turbines. Part 4 - Effects of manganese fuel additive on deposits and hot corrosion of turbine-blade materials Final report, 23 Sep. 1968 - 23 Dec. 1970	1970
19710076568	Tantalum alloy structural fasteners Final report, Mar. 1967 - Dec. 1969	1970
19710076569	Space communications Quarterly technical summary report, 1 Sep. - 30 Nov. 1970	1970
19710076573	The influence of sabot separation on the yawing motion of a cone	1970
19710076574	On optimum detection in quantum optics. Part 2 - Error probabilities and expected performance Technical report, 1 Jan. 1969 - 30 Jun. 1970	1970
19710076575	Demonstration of applicability of Avco data analysis and prediction techniques adapt to sonar signatures. Volume 2 - Task 2 technical studies and appendices Final report	1970
19710076576	Development of whisker reinforced light alloys Final report, 5 Jun. 1969 - 5 Oct. 1970	1970
19710076578	Reliability verification test procedure part number 2760378	1970
19710076579	Poseidon reliability verification test procedure	1970
19710076582	Hexagonal versus triangular core lightweight mirror structures	1970
19710076584	Thin film NOR type logic microcircuits	1970
19710076585	Error characteristics of a high frequency digital data link in a helicopter environment	1970
19710076586	Supersonic two-dimensional jet-interaction studies	1970
19710076590	The laminar boundary layer on a rotating blade of symmetrical airfoil shape Final report	1970
19710076592	A versatile arc driven laser facility	1970
19710076594	RNS transportation system computer simulation	1970
19710076595	Experimental observations of the constancy of gravity at the International Bureau of Weights and Measures, Sevres, France. Method used with the bureau's absolute measurement apparatus and results from three years of observations	1970
19710076599	Reliability verification test for part number 2760180	1970
19710076601	C3 reliability verification test procedure part number 2760307	1970
19710076603	Evaluation of advanced gear materials for gear boxes and transmissions Final report, 29 Aug. 1968 - 28 Oct. 1970	1970
19710076608	Reliability verification test 2760483	1970
19710076613	Poseidon reliability verification test procedure report	1970
19710076628	A multifrequency synthesizer	1970
19710076629	Evaluation of Norwood Model 111 pressure transducers	1970
19710076634	Cathode ray tube, 16 inch, electrostatic focus, electromagnetic deflection 60 degrees	1970
19710076635	Conduction in a two-layer composite with surface heat transfer	1970
19710076636	The application of quadratic programming in adaptive filtering	1970
19710076637	Stability of stratified shear layers	1970
19710076638	Improved sensitivity for time resolved mass spectrometric studies of metal vaporization	1970
19710076639	Experimental research in hypersonic turbulent boundary layers at Sandia Laboratories	1970
19710076641	Pattern computations for magnus rotor bomblets Final report, Jun. 1969 - Feb. 1970	1970
19710076642	Evaluation of Kistler models 607A and 607L and PCB Piezotronics, Incorporated models 118A and 119A pressure transducers	1970
19710076644	A computer program for estimating inertial guidance system error parameters	1970
19710076653	Elastic response of finite cylinders to magnetically-propelled flyer impact	1970
19710076655	Simulation of airblast-induced ground motion at McCormick Ranch test site. Volume 3 - Project Back Fill Technical report, Jul. 1965 - Dec. 1967	1970
19710076656	IAT regulator-pressure, liquid oxygen	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076658	GG1013AB01 gas bearing tactical missile gyro Final report	1970
19710076665	Magnetostrictive material requirements for sonar transducers	1970
19710076666	Study of the mechanisms of sand and dust erosion Final report	1970
19710076667	Application of fracture mechanics to predicting failures in solid propellants Final report	1970
19710076669	Effects of scintillation on synchronous satellite communication signals at 250 MHz Research and development report, May - Aug. 1970	1970
19710076671	High temperature solid state pressure transducer Final technical report, 3 Mar. 1969 - 31 Oct. 1970	1970
19710076673	Digital adaptive learning unit for data classification	1970
19710076678	Qualification, transformer, module, ER10-4212	1970
19710076679	Qualification, transformer, module, ER70-4211	1970
19710076680	A high speed disc memory and a color image display for a small computer	1970
19710076681	Automatic reduction of flow tables	1970
19710076683	Pattern recognition techniques for target detection by geometrical moments	1970
19710076684	Flexible exit cone nozzle firing	1970
19710076686	Reliability verification test for part number 2760180	1970
19710076688	The research program of the Applied Physics Department for the year 1969	1970
19710076696	Capacitor, fixed, metallized mylar	1970
19710076702	Dewar design and vibrational characteristics for lightweight superconducting MHD magnets Technical report, Aug. 1969 - Nov. 1970	1970
19710076706	Laboratory measurements of heat transfer, wind velocity profiles, and temperature structure at an air/water interface Interim report	1970
19710076712	Feasibility of aircraft stall detection by means of pressure-fluctuation measures Final report	1970
19710076713	A multiple-scale research program in tropical meteorology Quarterly progress report, 1 Jul. - 31 Oct. 1970	1970
19710076714	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft Interim engineering progress report, 1 Sep. - 30 Nov. 1970	1970
19710076715	Manufacturing methods and technology study for infrared soldering. Part 1 - Analytical studies. Part 2 - Engineering and experimental studies Final report	1970
19710076716	Research investigation of corrosion resistant materials for electrochemical cells Interim report, 1 Nov. 1969 - 30 Apr. 1970	1970
19710076718	Electromagnetic near field coupling to aircraft systems MHz	1970
19710076719	Optical tracking measurements for operation dial pack	1970
19710076723	Individual acceptance test	1970
19710076725	Three years of airborne communication testing via satellite relay Technical report, 1 Jul. 1967 - 1 May 1970	1970
19710076727	Qualification test report	1970
19710076734	SEDS - System Effectiveness Data System, supporting computer software, TTAR program, analysis of system turnaround time between successive missions Final report, 1 Apr. 1968 - 31 Jul. 1970	1970
19710076735	SEDS - System Effectiveness Data System, supporting computer software. Rivet program, control card generator for KOSM Final report, 1 Apr. 1968 - 31 Jul. 1970	1970
19710076740	Resistors, metal film, Mepco type MR25D and MR30D, preliminary current noise evaluation	1970
19710076741	Visibility toward the ground from selected tactical aircraft Final report	1970
19710076751	Research on microwave amplification in semiconductors Interim technical report, Nov. 1969 - Aug. 1970	1970
19710076758	Reliability verification test for part number 2760180	1970
19710076765	Effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 5 - Adhesive bonding of ferrous metals	1970
19710076775	Reliability verification test for transformer, pulse, part number 2760484	1970
19710076776	Qualification tests on overcurrent relays	1970
19710076777	Mercury cadmium telluride detector Final report, 15 Jun. 1969 - 14 Sep. 1970	1970
19710076778	Noise ratio transients in g-h filters	1970
19710076780	COMBO - Reentry vehicle fuze simulation program	1970
19710076782	Ceramic to metal seal technology for high power infrared radiation sources Final report, 1 Dec. 1968 - 29 May 1970	1970
19710076793	Accuracy of naval space surveillance orbit computation /U/	1970
19710076795	Growth and characterization of thin film 3-5 ternary compounds for photocathodes /U/ Quarterly report, Jul. - Sep. 1970	1970
19710076813	H-1 and H-2 starter product improvements Final report, 2 Jan. 1968 - 31 Dec. 1970	1970
19710076819	Evaluation of a heat flux measurement system, test no. 2	1970
19710076820	Flight test results of a DAVI isolated platform Final report	1970
19710076821	Aerobee 150 NASA 4.259 GG/UG /26 July 1970/ Meteorological data report	1970
19710076823	Proceedings from Precise Time and Time Interval /PTTI/ strategic planning meeting, volume 1	1970
19710076825	Light pencil acquisition technique	1970
19710076826	Performance testing and installation of an acoustint device Final report, Jan. 1968 - Apr. 1970	1970
19710076838	Test report for relief valve, 1 inch 10,000 psig, Control Components, Incorporated P/N 104688	1970
19710076839	Digital equivalent phase estimation and detection study Final technical report, 1 Jan. 1969 - 1 Jul. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076840	The quantitative significance of nondestructive evaluation of graphite and ceramic materials Final report, 1 Apr. 1969 - 30 Apr. 1970	1970
19710076841	Contoured cross rolled disks Final technical report, 1 Jul. 1969 - 30 Nov. 1970	1970
19710076863	Life support systems requirements. Volume 5 - Appendices B, C, and D Final report, Oct. 1969 - Jul. 1970	1970
19710076864	Flammability, static electricity, and LOX compatibility tests on 'Dandux' cloth	1970
19710076865	Parker seal, Viton A, compound 77545, batch 28417 and advance rubber, compound 7750, batch 28427	1970
19710076866	A study of electrical and thermal characteristics of pyrofuze wire	1970
19710076870	Interference prediction model development - A network traffic model	1970
19710076872	Production engineering measure for sealed beam xenon lamps Quarterly report, Sep. - Nov. 1970	1970
19710076873	Low cost air-to-surface missile computer/ dinary. Volume 1 - Sections 1-4 Final report, Dec. 1966 - Jul. 1969	1970
19710076874	Low cost air-to-surface missile computer/ dinary. Volume 2 - Sections 5-8 Final report, Dec. 1966 - Jul. 1969	1970
19710076875	Low cost air-to-surface missile computer/ dinary. Volume 3 - Sections 9-10 and appendices Final report, Dec. 1966 - Jul. 1969	1970
19710076877	Hydraulic contamination testing of servoactuator General Electric drawing number 231E791G3 Final report, May - Oct. 1970	1970
19710076878	Lithium/chalcogen secondary cells for components in electric vehicular propulsion generating systems Interim technical summary report no. 3, 23 May - 22 Nov. 1970	1970
19710076882	Solid state infrared sensitive camera tube developmental model /U/ Final engineering report, Aug. 1969 - Oct. 1970	1970
19710076883	ALH3 propellant sensitivity /U/ Quarterly technical report, 1 Jun. - 31 Aug. 1970	1970
19710076885	Feasibility of a differential laser gyro concept /U/ Final technical report	1970
19710076904	Synchronous, narrow-angle, slow and fast scan, laser TV radar systems /U/	1970
19710076905	A multifunction GaAs transmitter /U/	1970
19710076912	Evaluation of candidates for readily available STOL tactical airlift aircraft /U/ Technical report, 20 Feb. - 10 Jun. 1970	1970
19710076915	Elastic and inelastic nuclear-scattering kinematics computer program	1970
19710076916	Design concept for a high performance airborne 16mm electron beam film recorder for TV-type sensors Final report, Apr. - Oct. 1970	1970
19710076917	Motion in flight training - A human factors view Final report	1970
19710076920	Reducing nonlinear accelerometer calibration data using an on-line digital computer	1970
19710076921	Use of acoustic emission in nondestructive testing Semiannual report, 1 Mar. - 31 Aug. 1970	1970
19710076924	Design manual for vertical gusts based on power spectral techniques Final report, 2 Jan. 1969 - 1 Jul. 1970	1970
19710076933	RADC failure analysis of Signetics S5472J T2L microcircuits and Motorola 2N3467 transistor	1970
19710076934	Qualification report on diode, semiconductor, fast switch, silicon, glass	1970
19710076935	Semiconductors, transistors, power, silicon, n-p-n	1970
19710076940	Simultaneous forming and short-time aging of detail parts from solution heat treated Ti-6Al-4V and Ti-6Al-6V-2Sn titanium sheet	1970
19710076941	Effects of high and low barometric pressures on susceptibility and resistance to infection Quarterly status report, 1 Oct. - 31 Dec. 1970	1970
19710076942	Calculations of reaction cross sections on the basis of a statistical model with allowance for angular momentum and parity conservation	1970
19710076952	Qualification test plan 1960919-31W001	1970
19710076956	Truncation technique for radar sequential detection, volume 2 Final technical report	1970
19710076959	Network resistor ladder, 10 Bit	1970
19710076960	Quality evaluation report on a production sample of dc voltmeter	1970
19710076962	Signal detection and processing techniques for low altitude target acquisition and tracking, volume 1 Final technical report	1970
19710076965	Simulation of electronic systems	1970
19710076968	Image tube validation study Interim technical report on type 2	1970
19710076970	Flight test evaluation of the three axis mechanical stability augmentation system	1970
19710076971	Nondestructive testing of protective coating systems Technical report, 1 Jun. 1969 - 30 Jul. 1970	1970
19710076976	Review of polarization, crystal optics, and electro-optic phenomena	1970
19710076979	Resistor network consisting of eight 10K OHM resistors	1970
19710076980	Resistor ladder network, 8 bit binary ladder, 50K OHM	1970
19710076982	Aerobee 150 NASA 4.200DS, 13 August 1970	1970
19710076983	Aerobee 170 NASA 13.12CG, 26 June 1970	1970
19710076984	Aerobee 150 NASA 4.299UG, 2 July 1970	1970
19710076993	An in-flight investigation to develop control system design criteria for fighter airplanes, Volume 2 - Appendices 1 through 5 Final report	1970
19710076996	Transformer, saturable core Final specification	1970
19710076997	Selected digital computer simulation of detection techniques and digital filtering techniques, volume 4 Final technical report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076998	Qualification, transformer, ADC	1970
19710076999	Qualification, transformer Scott, July 1970	1970
19710077000	Qualification, transformer Scott, August 1970	1970
19710077003	Directory of STOL strips in Thailand, volume 2	1970
19710077005	Viscous effects in the interaction flowfield near a jet in a subsonic crossflow Final report, 6 May - 6 Nov. 1970	1970
19710077007	Quality control for printed circuit and multilayer PCB manufacture	1970
19710077008	Optical lever flight instrumentation	1970
19710077010	Aerobee 170 NASA 13.17, 21 August 1970	1970
19710077011	Modification and additional high speed testing in the NASA-Langley 16 foot transonic wind tunnel of the ADAM model developed under AF33 /615/-3293 /knuckle interference testing/ Final report	1970
19710077013	Manufacturing methods and technology measure - Ultraprecision integrated-circuit photomasks Quarterly progress report, 1 Aug. - 31 Oct. 1970	1970
19710077014	User's manual for the visual detection model	1970
19710077015	Aerobee 170 NASA 13.41GG-UG, 31 October 1970	1970
19710077016	Aerobee 150 NASA 4.131UA, 28 October 1970	1970
19710077018	Interferometer positioning system	1970
19710077019	Some methods for extracting aerodynamic derivatives from forced oscillation wind tunnel tests with application to volute stabilized models Final report, Feb. - Jun. 1970	1970
19710077020	Nike-Apache DRS NASA 14.464UA, 21 September 1970	1970
19710077021	Resistor network consisting of six 10K ohm and four 20K ohm	1970
19710077022	The fixed memory of the ZPA 600 computer	1970
19710077024	Parker seal /H4 code - 83259/ Viton A elastomer, compound 77-545, batch 18727	1970
19710077025	Carbon B seal, P/N 625285, from Byron- Jackson LOX pump	1970
19710077026	Evaluation of plastic bags	1970
19710077027	Stylon coatings under conditions of technical dry friction	1970
19710077029	Microwave solid state device studies Final technical report, 1 Sep. 1967 - 1 Sep. 1970	1970
19710077030	A parametric separation trajectory test of the High Altitude Supersonic Target /HAST/ from the F 4 aircraft Final report	1970
19710077031	Digital simulation of synchronous sequential circuits and their malfunctioning	1970
19710077033	Evaluation and application of materials for unusual aerospace systems Technical report, 1 Apr. 1969 - 31 Aug. 1970	1970
19710077034	Magnetic core models for use with the SCEPTRE circuit analysis program Technical report, Jan. 1969 - Jul. 1970	1970
19710077036	Gravity effects on the missile test range	1970
19710077037	The captive flight drag of a series of conformally packaged weapons	1970
19710077038	Birds Eye 2-70, 5-7 June 1970	1970
19710077040	Low altitude atmospheric turbulence, LO-LOCAT phase 3. Volume 1, part 2 - Data analysis Final report, 17 Apr. 1968 - 17 Aug. 1970	1970
19710077043	The status of corrosion protection in Hungary	1970
19710077044	Night vision sight, individually served weapons. Phase 2 - /Fabrication/ Final report, 12 Aug. 1968 - 15 Dec. 1969	1970
19710077050	C-3 reliability verification test procedure part number 2760366	1970
19710077051	Government Microcircuit Applications Conference /1970/, digest of technical papers, volume 1	1970
19710077052	Evaluation of Endevco model 2213E accelerometer	1970
19710077053	Qualification, transformer, Scott /13 August 1970/	1970
19710077054	Qualification, transformer, Scott /11 August 1970/	1970
19710077056	Report of test on filter, radio interference, 154796, the Potter Company	1970
19710077061	Synchronization of pseudo noise sequences for PCM testing Final report	1970
19710077067	Pressure distributions for axisymmetric bodies with discontinuous curvature in transonic flow	1970
19710077068	Adverse weather tests of the HH-53C helicopter Final technical report, 19 Dec. 1969 - 30 Jan. 1970	1970
19710077069	Effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 4 - Adhesive bonding of aluminum	1970
19710077071	The testing and strength characteristics of boron and carbon fiber reinforced epoxy resins	1970
19710077072	Study of the performance of adhesive bonded joints Final report, 12 Jun. 1969 - 12 Jun. 1970	1970
19710077074	Fabrication of integrated fluidic control systems Interim engineering progress report, 28 Sep. - 27 Dec. 1970	1970
19710077075	A survey of literature on the pyrolysis of wood and other cellulosic solids Technical report, Dec. 1968 - Dec. 1969	1970
19710077076	Evaluation of emergency lubrication systems for helicopter engines	1970
19710077077	Flashlamp pumped, organic dye lasers Final technical report	1970
19710077083	Qualification of ITT Cannon's Mark 1, series D-connector	1970
19710077084	Evaluation of heat and blast protection materials	1970
19710077085	Reversion tests on polyurethane potting compounds Uralane s712A and 5172-B-40-black	1970
19710077086	Solid state division Progress report, 1 Nov. 1969 - 30 Apr. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077087	Effect of Lubrication on the Bearing Strength of Various Metallic Materials	1970
19710077092	Research and advanced technological development activities. Volume 1 - Administration and management directorate Semiannual progress report, 1 Jul. - 31 Dec. 1970	1970
19710077093	Research and advanced technological development activities. Volume 2 - Systems reliability directorate Semiannual progress report, 1 Jul. - 31 Dec. 1970	1970
19710077094	Research and advanced technological development activities. Volume 3 - Tracking and data systems directorate Semiannual progress report, 1 Jul. - 31 Dec. 1970	1970
19710077095	Space and earth sciences directorate, volume 4 Semiannual progress report, period ending 31 Dec. 1970	1970
19710077096	Research and advanced technological development activities. Volume 5 - Space applications and technology directorate Semiannual progress, 1 Jul. - 31 Dec. 1970	1970
19710077097	Production engineering measure for solid encapsulated semiconductor devices Quarterly report, 14 Jul. - 13 Oct. 1970	1970
19710077098	Production engineering measure for Schottky- Barrier gallium-arsenide diode Quarterly report, 1 Oct. - 31 Dec. 1970	1970
19710077099	Synthesis of fluorodinitroethylamino-1, 3, 5-triazines, part 2	1970
19710077105	Review of 10 proposed space shuttle missions	1970
19710077111	Recommendations for an Arctic research program in support of the design of a surface effect vehicle system	1970
19710077115	Transistor, dual, NPN, silicon	1970
19710077119	Development of a thermionic reactor space power system /U/ Summary report, 1 Jul. - 31 Oct. 1970	1970
19710077122	The 25 millimeter microchannel array development /U/ Quarterly report, 28 Sep. - 28 Nov. 1969	1970
19710077124	The 18 mm fiber optics image inverter /U/ Final technical report, 25 Oct. 1966 - 25 Apr. 1968	1970
19710077126	The 3-5 photocathode image tube development /U/ Special summary report, period ending 31 May 1970	1970
19710077140	Thermal radiation protection by lateral heat dissipation Interim report	1970
19710077149	Space diversity reception for fleet satellite communications	1970
19710077153	Integrated circuit, logic gate, dual-four input	1970
19710077154	Qualification, delay line, Sickles	1970
19710077155	Qualification test, NPN, silicon, switching transistor	1970
19710077157	Dynamic pressure calibrator accuracy and repeatability study, supplement	1970
19710077158	Circuit and systems analysis programs on the GE-635	1970
19710077161	Basic principles of digital interior communication systems	1970
19710077173	Azimuth/elevation tables for pointing at near equatorial satellites Final report	1970
19710077177	Calculation of physical properties of diatomic molecules Semiannual technical report, 18 Jun. - 17 Dec. 1970	1970
19710077179	Test report on environmental test of AMP Incorporated Series 7701 integrated circuit socket	1970
19710077180	Qualification, transformer, Scott /12 August 1970/	1970
19710077181	Power reactors - Qualification tests	1970
19710077183	Temperature sensitive resistors - Qualification tests	1970
19710077184	Aluminum alloy cylinders and cylinder heads	1970
19710077185	Army needs for D-region aeronomy	1970
19710077188	The terradynamic development of a low velocity earth penetrating projectile	1970
19710077189	Motion factors in flight simulation Final report, Aug. 1967 - Jul. 1969	1970
19710077190	Survey of basic data on flame stabilization and propagation for high speed combustion systems Technical report, 1 Feb. - 31 Jul. 1970	1970
19710077203	Analysis of helicopter structural crashworthiness. Volume 2 - User manual for CRASH, a computer program for the response of a spring-mass system subjected to one-dimensional impact loading /UH-1D/H helicopter application Final report	1970
19710077209	CEPFR-1F measurements and assembly description	1970
19710077210	A survey of experimental methods for the determination of ignition delay times of potential scramjet fuels Technical report, Jan. 1969 - Nov. 1970	1970
19710077211	A study of displaying rate of closure information Technical report, Nov. 1967 - Jun. 1968	1970
19710077214	Design data and design procedures for TEM-line antennas Technical report, Nov. 1968 - Sep. 1970	1970
19710077217	Design study of diffraction-limited orbital telescope Status report, 1 Jul. 1968 - 30 Jun. 1970	1970
19710077225	Manufacturing methods and technology study covering production and inspection techniques for infrared components Final report	1970
19710077226	Discretionary descent development program, phase 2 Final report, 8 Aug. 1969 - 31 Jul. 1970	1970
19710077228	Wear testing of Halocarbon 11-21E and Chrysler/Chapman /NUPRO/ oils	1970
19710077229	Evaluation of uralane 5712 potting compound	1970
19710077232	Requalification test of electrical insulation tape	1970
19710077236	Oil oxidation. 8 - Apparatus for determining the oxidation stability of mineral oils	1970
19710077237	Fatigue strength of lugs containing liners. volume 2a - Computer program used for analyses Final report	1970
19710077239	Passive microwave radiometric measurements on dial pack event	1970
19710077242	Acoustic enclosure for the 3KW Mil-standard engine generator set Final report, Apr. 1969 - Nov. 1970	1970
19710077243	PAO 11 - An experimental memory stack based on magnetic film	1970
19710077245	Design factors in environmental simulation Final report, Jan. 1966 - Jun. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077246	Microwave generation from avalanche transit time diodes Final report, 1 Sep. 1967 - 30 Sep. 1970	1970
19710077247	Qualification, transformer, pulse	1970
19710077248	Determination of the intensity of turbulence in a liquid rocket combustion chamber Semiannual status report, 1 Jul. - 31 Dec. 1970	1970
19710077249	Qualification, inductor, OECO	1970
19710077251	Triboelectric charging of aircraft dielectric surfaces in the microwave frequency region /1-4 GHz/	1970
19710077252	Passive ranging by phase rate techniques	1970
19710077253	Robotron 300 electronic computer	1970
19710077266	Address 3-3 Second Conference on Pneumatic Jet Components	1970
19710077269	Helicopter rotor rotational noise prediction and correlation. Volume 1 - Rotational noise prediction and correlation under nonuniform inflow conditions Final report, 27 Jun. 1966 - 31 May 1968	1970
19710077270	Helicopter rotor rotational noise prediction and correlation. Volume 2 - Documentation of noise prediction computer program Final report, 27 Jun. 1966 - 31 May 1968	1970
19710077271	Technology of magnetostrictive transducers related to material requirements	1970
19710077272	Electric and ionic reactions in atmospheric gases Yearly technical summary report, 1 Nov. 1969 - 31 Aug. 1970	1970
19710077274	Program PHOTO	1970
19710077275	The effects of activated rosin flux on the surface resistivity of printed circuit boards as a function of temperature humidity, and degree of activation	1970
19710077277	Evaluation report on Philbrick/Nexus power supply model 2203	1970
19710077278	Cascade performance of the cooled, supersonic turbine blade Final report, 1 Sep. 1969 - 1 May 1970	1970
19710077287	High power lasers Semiannual technical report, 1 Jul. - 30 Dec. 1970	1970
19710077293	Stress wave propagation in multilayered axisymmetric bodies of varying area	1970
19710077297	An investigation of gas turbine combustors with high inlet air temperatures. Part 1 - Analytical developments Annual report	1970
19710077301	Manufacturing methods for the reverse switching rectifier Quarterly progress report, 1 Oct. - 31 Dec. 1970	1970
19710077302	Navigation aids	1970
19710077305	Tactical mobility study for amphibious assault and post assault operations in the mid-range period, FY 1970 - 1979, volume 2 Interim report	1970
19710077306	Method of preparing resistance spot welded adhesive bonds using thermosetting adhesives	1970
19710077307	Surface technology	1970
19710077308	Solid state lasers	1970
19710077318	Qualification test report on transistors	1970
19710077319	Qualification test report on diodes	1970
19710077320	Aeroheating test vehicle /AHTV/ preflight test report	1970
19710077321	A transient axisymmetric thermoelastic problem involving two-temperatures	1970
19710077324	Exploratory development of nondestructive techniques for evaluating components of high temperature propulsion systems Final engineering report, Jan. - Nov. 1970	1970
19710077331	High average power segmented ruby laser Final technical report, Nov. 1967 - Nov. 1969	1970
19710077336	AF95 powder manufacturing techniques Final technical report, 1 Jun. 1969 - 30 Nov. 1970	1970
19710077353	Shock effects in minerals Semiannual report, 15 Jun. - 15 Dec. 1970	1970
19710077355	Ceramic R and D programs. Part 2 - Other government agencies /AEC, ARPA, BOM, NBS, NSF/	1970
19710077357	Spectroscopy of laser radiation absorbers in liquid and plastic media	1970
19710077360	Development and evaluation of ablative composites utilizing a matrix of water extended polyester resin Technical report, Jun. 1968 - Jan. 1969	1970
19710077365	Spline interpolation algorithms for track type survey data with application to the computation of mean gravity anomalies	1970
19710077368	Igniter Cartridge Mark 146 Mod 0 test and evaluation	1970
19710077370	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Aug. - 31 Oct. 1970	1970
19710077375	Distinguishing spoken words by a time vector classification method	1970
19710077376	Characterization of mineral oils by means of thermal analysis	1970
19710077378	Geoid determination by least squares interpolation on the bases of measured and interpolated deflections of the vertical	1970
19710077380	Hot corrosion of coated superalloys in a gas turbine environment Final report, 3 Jul. 1968 - 30 Nov. 1970	1970
19710077384	Quarterly report to National Aeronautics and Space Administration on grant NGL-05-002-034, 1 September - 1 December 1970	1970
19710077388	Product engineering measure, solid encapsulated semiconductor devices Quarterly progress report, 1 Jul. - 1 Oct. 1970	1970
19710077390	Simplified high performance aerial refueling store Final engineering report	1970
19710077392	Application of thin film miniaturized circuitry to radiotelephone design	1970
19710077393	XM185, XM186 photoflash cartridge development program report Final report	1970
19710077394	Production engineering measure - Microwave latching X-band 3- and 4-port circulators and drivers Engineering report no. 4, 30 Sep. 1969 - 28 Feb. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077396	In process control techniques for complex semiconductor structures. Part 1 - Manufacturing in process control and measuring techniques for mask evaluation Final technical report	1970
19710077397	Degradation of plastics and rubber	1970
19710077402	Technology applications team Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19710077403	Space programs Quarterly report, Jul. - Sep. 1970	1970
19710077419	Montana large aperture seismic array Final technical report, 1 May - 30 Nov. 1970	1970
19710077420	Manufacturing methods program for a Ku-band pulse power amplifier Final report	1970
19710077421	All-film ovonic memory Final report, 1 Feb. 1969 - 1 Jun. 1970	1970
19710077426	The use of high temperature metallography to investigate deformation and failure mechanisms of multilayer metallic materials	1970
19710077427	Pennsylvania-Princeton Army avionics research program. Computer activated instrumentation display Final technical report	1970
19710077429	Report on foreign travel - Specialists' Meeting on Detection, Identification, and Localization of Fuel Failures in Fast Reactors	1970
19710077430	Investigation of liquid propellant gun systems employing improved propellants Final report, 5 May 1969 - 7 Aug. 1970	1970
19710077431	Surface treatment of plastics	1970
19710077434	Null steering	1970
19710077435	Effect of constant inclination of the runway on the takeoff length of a jet aircraft	1970
19710077438	Classical kinetic models for strong shock structure in a diatomic gas	1970
19710077439	Integrated solid-state microwave sources Annual report, 1 Jul. 1969 - 31 Aug. 1970	1970
19710077440	Eye movements of pilots during visual search under actual conditions	1970
19710077442	Tests on a full-scale conical deflector system for shock elimination	1970
19710077451	A three part study of management principles and terminology. Part 2 - Research and development of a set of management principles in the area of business functions	1970
19710077452	A three part study of management principles and terminology. Part 1 - Research and development of a set of management principles in the area of management functions	1970
19710077453	Quartz oscillators and piezo-ceramic oscillators in band pass and band blocking filters in communications engineering	1970
19710077454	Polypolar lubricants	1970
19710077455	Acceptance test of integrated wideband communications system, Thailand, part 2 Final report, Sep. 1967 - Feb. 1969	1970
19710077484	Mechanical structure, magnet geometry and fabrication techniques for lightweight superconducting MHD magnets Technical progress report, Feb. 1969 - Sep. 1970	1970
19710077485	A pressure distribution study of highly swept deltas at hypersonic speeds from minus 15 degrees to plus 15 degrees angle of attack Final report, Jan. 1966 - Dec. 1968	1970
19710077487	Bathymetry of the North Atlantic in the area bounded by 51 deg N - 54 deg N and 17 deg W - 22 deg W	1970
19710077494	Planetary quarantine program Quarterly report, period ending 31 Dec. 1970	1970
19710077496	Space exploration - Past, present, future	1970
19710077502	ZEROIN, a root solving code	1970
19710077503	Production engineering measure for improved reliability of mica transmitter capacitors Quarterly report, 1 Oct. - 31 Dec. 1970	1970
19710077504	Evaluating the flow measurements of superheated steam and feed water in 50, 110 and 200 MW units on the 1CT 1905 computer	1970
19710077505	Three ranges of a relative operational speed of memory units with magnetic elements	1970
19710077506	Pitting corrosion in iron in the presence of several inorganic inhibitors	1970
19710077507	MSF documentation cost guide	1970
19710077509	Satellite-tracking research programs Semiannual progress report, 1 Jul. - 31 Dec. 1970	1970
19710077512	Optical target detection Final technical report, 6 Mar. 1969 - 30 Jun. 1970	1970
19710077516	Semiannual progress report	1970
19710077525	Transient stresses in a heat shield Summary report, 1 Feb. 1969 - 30 Jun. 1970	1970
19710077526	Rockets - The weapon of the twentieth century	1970
19710077532	CONCOMP - Research in conversational use of computers Final report	1970
19710077533	Evaluation of aims altimetry	1970
19710077543	User's manual for AAF5S /for CDC-6600/	1970
19710077557	Calculation of the vertical gravity gradient in the exterior space	1970
19710077564	Studies on a Frustrated Multiple Internal Reflection /FMIR/ detection system Final report, 20 Dec. 1968 - 31 Aug. 1970	1970
19710077567	Microwave energy concentration in the Fresnel region	1970
19710077568	Athena H - Assembly and handling fixture structural analysis, volume 1 Technical report, Dec. 1967 - Aug. 1970	1970
19710077570	Terminal Rendezvous Considerations for the Space Transportation System	1970
19710077573	Qualitative observations of scattering of 12 kHz sound in the eastern North Atlantic in July - August 1966 /MILOC 66/	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077574	Partition behavior of manganese /VII/ from aqueous bromate solutions of perchloric, formic, and acetic acids into bis /2-ethylhexyl/ hydrogen phosphate /HDEHP/	1970
19710077575	Four dimensional geodesy and its significance for natural science	1970
19710077579	The relationship between those physical properties of underwater sediments that affect bottom reflection	1970
19710077580	A game theory solution to an aiming problem	1970
19710077586	Design studies of CFA using samarium cobalt magnets Interim development report, 29 Jun. - 30 Oct. 1970	1970
19710077590	Solid state image motion sensing system tower test Final technical report, Dec. 1968 - Mar. 1970	1970
19710077592	The use of hydrodynamic lubricants in wire drawing	1970
19710077595	Investigation of EC-2273 potted connectors removed from F-4 aircraft in Shoehorn program	1970
19710077596	General surveillance of Sparrow 3 AIM-7D, 7E GPU gas generator	1970
19710077602	The preliminary design of a long range navigation system for tactical aircraft	1970
19710077603	Robotron 300	1970
19710077612	Predictive methods for the dynamic response of a quad tilt duct V/STOL aircraft in transition Technical report, Apr. 1969 - Sep. 1970	1970
19710077613	Production engineering measure for hybrid quartz filters, 10 MHz to 30 MHz Quarterly progress report, 24 Jun. - 23 Sep. 1970	1970
19710077615	Numerical solution of a system of Lanchester differential equations	1970
19710077616	Synoptic oceanographic and meteorological measurements near OWS JULIET in the eastern North Atlantic in July 1966 /MILOC 66, phase D/	1970
19710077617	A low noise hydrophone preamplifier for experiments with explosive sound sources	1970
19710077619	A production engineering measure for traveling-wave tubes Quarterly report, 1 Sep. - 30 Nov. 1970	1970
19710077623	Analysis and evaluation of Navy avionics manuals Final report	1970
19710077624	Individual acceptance test, GDC-55A4011.224	1970
19710077625	Individual acceptance test, GDC-55A4011.226	1970
19710077626	Individual acceptance test, GDC-55A4011.227	1970
19710077627	Individual acceptance test, GDC-55A4011.228	1970
19710077629	Liquid hydrogen propellant logistics study	1970
19710077630	Pennsylvania-Princeton Army avionics research program. Antenna research task. Experimental and theoretical investigation of pattern characteristics of antennas near helicopter members	1970
19710077631	Battle zone transports of the future	1970
19710077633	Manufacturing methods for radiation hardened low power TTL circuits Interim engineering progress report, 1 Jul. - 30 Sep. 1970	1970
19710077640	Fiber glass reinforced plastics in military technology	1970
19710077641	Explosive sheets	1970
19710077642	Manufacturing methods for radiation hardened low power TIL circuits Interim engineering progress report, 1 Apr. - 30 Jun. 1970	1970
19710077643	Nested bounds for solutions of differential equations	1970
19710077655	An investigation of gas turbine combustors with high inlet air temperatures. Part 2 - Experimental developments Annual report	1970
19710077656	Bathymetric and oceanographic survey of the Santa Lucia Bank /a small seamount in the Ligurian Sea/	1970
19710077657	Environmental effects and residual stress	1970
19710077660	Horizontal variability of the ocean's thermal structure and sonar range prediction /U/	1970
19710077669	Determine material and compatibility of an RGN-87 O-ring	1970
19710077671	Leak detector fluids, LOX impact test	1970
19710077687	Research on photoconductive beam scanning pickup tubes /U/ Final technical report, 15 Mar. 1965 - 30 Jun. 1970	1970
19710077689	AN/SQS-26/CX/ ceramic and transducer element tolerance study /U/ Final report	1970
19710077690	Surveillance evaluation of the Terrier rocket motor Mk 12 Mod 1 booster /U/	1970
19710077691	Improved propellants for throttleable solid air augmented rockets /U/ Quarterly technical report, 1 Jun. - 31 Aug. 1970	1970
19710077705	The determination of inertial guidance system error parameters from missile flight tests /U/	1970
19710077706	FOPEN radar optical correlator /U/ Final technical report, Jul. 1967 - Apr. 1970	1970
19710077715	Variable frequency AC electric power train for a track laying vehicle, volume 1 Interim report	1970
19710077718	Solenoid valve, Marotta Valve Company P/N 225884-02, EO 3044, S/N 413, GN2 supply, service arm 2	1970
19710077719	Dowclene WR and dowclene WR concentrated by a factor of 100 as far as nonvolatile inhibitors are concerned	1970
19710077723	Investigation of failure of compressor disk post platform and blade in GE4 Kit engine 435-007/4A	1970
19710077727	Evaluation tests on amplifiers, voltage sensor, integrated circuit, type 525	1970
19710077728	Quartz crystal unit type CR-1067X and CR-/XM-67//U production engineering measure Quarterly progress report, 25 May - 25 Aug. 1970	1970
19710077729	Optical sounding 6 Final report, 1 Apr. 1969 - 31 Mar. 1970	1970
19710077730	The local behavior of the vertical gravity gradient	1970
19710077734	C3 reliability verification test procedure part no. 2760159	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077736	Manufacturing methods for radiation hardened low power TTL circuits Interim engineering progress report, 5 Jan. - 31 Mar. 1970	1970
19710077738	Experimental evaluation of performance of lumped element crossed field amplifier at VHF-UHF Final report, 8 Jun. - 5 Oct. 1970	1970
19710077781	Proceedings from Precise Time and Time Interval /PTTI/ strategic planning meeting, volume 2 /U/	1970
19710077792	USALWL OCRIST radar /U/ Final report	1970
19710077794	Mach wave systems study /U/ Final report, Nov. 1968 - Oct. 1970	1970
19710077800	Research and exploratory development for the Office of Aeronautical Research National Aeronautics and Space Administration /U/ Quarterly progress report, 1 Oct - 31 Dec. 1970	1970
19710077811	J65 Product Support program progress report Final report	1970
19710077815	Treeable structured code indexes system Final report, 21 Jul. - 21 Oct. 1970	1970
19710077825	The multiple utilization of interconnected real time computers in post offices	1970
19710077828	Study of the integration of a multicolor panel display with military maps Final technical report, 15 Oct. 1969 - 14 Nov. 1970	1970
19710077829	Reliability verification test procedure	1970
19710077830	C3 reliability verification test procedure part no. 2760233	1970
19710077833	Nonwoven materials as improved substrates for coated fabrics	1970
19710077834	A study of the authority and responsibility relationship perceptions in a program management environment	1970
19710077836	Individual acceptance test, GDC-55A4011.225	1970
19710077838	Analysis of the Apollo 11 Results	1970
19710077839	Study of boron hardening technique	1970
19710077840	Heavy lift helicopter with jet flap	1970
19710077842	Biodeterioration of plastics	1970
19710077848	A comparison of 1-D unsteady flow field methods, volume 1 Final scientific report	1970
19710077849	Synthesis of polyspirocyclobutanes and related spiropolymers. Part 2- Poly trispiro 3.1.1.3.1.1.1 dodecane-1,3-dione and poly 3,3-bis methylene cyclobutane-1, 1-dicarboxylate Annual report, 1 Mar. 1968 - 1 Jul. 1970	1970
19710077866	A three part study of management principles and terminology. Part 3 - Research and development of a working glossary of management terms	1970
19710077885	Navy short range missile concepts, sensitivity of aerodynamic, acceleration-controlled missile to launch conditions /U/ Interim report	1970
19710077892	Qualification test for 741 operational amplifier	1970
19710077893	Resistors, metal film, electra type MF5, MF6, and MF7, preliminary current noise evaluation	1970
19710077894	Resistors, carbon film, NPC type RBX 001, current noise test	1970
19710077905	Qualification, transformer, pulse	1970
19710077907	Qualification, transformer, bourns	1970
19710077908	Qualification of capacitor, fixed, ceramic dielectric, HV	1970
19710077910	Resistors, metal film, IRC type CCA /1/2 watt at 70C/ and type CEC /1 watt at 70C/ preliminary current noise evaluation	1970
19710077911	Partial qualification of sensitive switches	1970
19710077923	Preliminary study of time-domain measurement of antenna parameters Final report	1970
19710077930	History and analysis of the C-5A program - An application of the total package procurement concept	1970
19710077934	Sliding stability analysis - Lunar roving vehicle	1970
19710077936	Air-to air controllable solid rocket motor program /U/ Final report, 10 Feb. 1969 - 30 Jun. 1970	1970
19710077941	Evaluation of the Florox/MHF-3 propellant system /U/ Technical report, Sep. 1969 - Apr. 1970	1970
19710077956	Aeronautical systems technology needs - Rocket propulsion /U/ Annual report for 1970	1970
19710078012	An hypothesis for the prediction of flight penetration of wing buffeting from dynamic tests on wind tunnel models	1970
19710078013	A generalized programme for the processing of low-speed wind-tunnel mechanical-balance force and moment data	1970
19710078014	Bird impact on offset engine intakes - Flat plates	1970
19710078015	The spinning of polyacrylonitrile fibres for the production of carbon fibres. Part 1 - Effect of stretching temperature	1970
19710078016	The displacement governing of aircraft alternators. Part 2 - Paralleled two-channel system	1970
19710078021	Flight evaluation of a night strip photographic system /U/ Final technical report, Sep. 1966 - Oct. 1969	1970
19710078026	Production engineering measure for a 25 mm fiber optic image inverter plate /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19710078040	Optimum variable thickness reinforcement around a circular hole in a flat sheet under radial tension	1970
19710078041	Free-flight measurements of pressure and heat transfer on a slab delta wing at Mach numbers between 2.6 and 7.75	1970
19710078053	Some measurements of base pressure fluctuations at subsonic and supersonic speeds	1970
19710078055	An integral prediction method for three-dimensional turbulent boundary layers in incompressible flow	1970
19710078056	The spontaneous ignition of binary mixtures of pure hydrocarbons	1970
19710078057	Review of tubing materials for hydraulic power transmission in aircraft	1970
19710078058	The fracture toughness of Al-Zn-MgCu-Mn alloys to DTD 5024 - Effect of iron content	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078085	Bathymetry and bottom structure of zones near the Island of Elba used for acoustical trials in shallow water	1970
19710078089	Experimental investigation of the pressures on boat tailed afterbodies in transonic flow with a low thrust jet	1970
19710078092	Magnetic and gravity fields over the Red Sea	1970
19710078094	RF test, AMP coaxicon line assembly, SMA series connector	1970
19710078102	USAF stability and control Datcom	1970
19710078114	A closing, multi-sampling net system for the study of the deep scattering layer	1970
19710078123	Structure and role of radial striations in a coaxial plasma accelerator	1970
19710078132	Flow unsteadiness and model vibration in wind tunnels at subsonic and transonic speeds	1970
19710078143	Engine and component test facilities	1970
19710078154	Triangular finite elements for plate bending with constant and linearly varying bending moments	1970
19710078158	Research into the structural properties of corrugated shear webs	1970
19710078165	A determination of the earth's gravity field from satellite observations and gravity measurements	1970
19710078176	Electromagnetic interference buffer amplifier	1970
19710078177	Test report for relief valve, 1 inch, 10000 psig. Futurecraft Corporation. P/N 40826-1	1970
19710078185	Applied optics research Quarterly report, 1 Jul. - 30 Sep. 1970	1970
19710078187	A streamline curvature through-flow computer program for analyzing the flow through axial-flow turbomachines	1970
19710078189	The stress distribution in a swept-wing wind tunnel model	1970
19710078190	Magnetic effects in large lightweight solar cell arrays	1970
19710078191	New and refined nondestructive techniques for graphite billets and shapes Final report, May 1969 - May 1970	1970
19710078195	Typical erosion damages of modern steam turbine blades	1970
19710078199	Study of LSC separation assemblies and LH2 tank destruct assemblies after 3-year shelf life. Volume 1 - Teardown analysis	1970
19710078205	Ionospheric heating Final technical report, 1 Oct. 1969 - 1 Oct. 1970	1970
19710078206	Experimental verification of ion beam processes Final technical report, Apr. 1969 - Jun. 1970	1970
19710078207	Beam steering control system for a cylindrical array Research and development report, Jan. - Sep. 1970	1970
19710078211	Evaluation of Dynatherm DE-400 top coating for application to ablative materials	1970
19710078213	Structures and materials activities at DFULR, the German Research Institution of Aeronautics and Astronautics	1970
19710078214	A simple treatment of the attached shock layer on a delta wing	1970
19710078219	Design of corrugated shear webs having optimum properties and single sided attachment	1970
19710078223	Low-speed wind tunnel tests on a family of cambered wings of mild gothic planform of aspect ratio 1.4	1970
19710078232	Technical report, 1 July - 31 December 1970	1970
19710078234	CMS-2 compiler system. Part 2 - Implementing the CMS-2 compiler on the advanced avionics digital computer Final report	1970
19710078235	An investigation of a large screen discrete element matrix display Final report	1970
19710078236	Manufacturing technology for production processes applicable to meshless storage display tube Interim technical report, 1 Sep. - 30 Nov. 1970	1970
19710078239	Abbreviation list no. 17	1970
19710078241	Electromagnetic interference data modulator	1970
19710078244	Exploratory development laboratories task selection and resource allocation systems - A comparative study	1970
19710078245	Measurement and application of the biax	1970
19710078246	Spectral variations of cloud reflectance deduced from Apollo 9 SO-65 photography	1970
19710078271	A computerized ultrasonic data acquisition system	1970
19710078272	Gas analysis of six SA1463 vacuum tubes	1970
19710078275	A feasibility study on a 200 volt, direct current, aircraft electrical power system	1970
19710078276	A design of sonic nozzle for the precise measurement of mass flow	1970
19710078282	HF backscatter echoes from White Sands spread F experiment /U/ Interim report	1970
19710078288	Evaluation of stainless steel tubing braze joints exposed to hypergolic propellants	1970
19710078292	Two dimensional transonic wind tunnel tests of three 15 percent thick circulation control airfoils	1970
19710078310	Cabin fan - Restricted flow test	1970
19710078311	Pressure cartridges	1970
19710078316	Chemo-ComputerEngineering Workshop	1970
19710078317	Parameter estimation for the log-normal parent population of fatigue failures from a sample containing both failed and non-failed members	1970
19710078318	System calibration by dynamic response analysis	1970
19710078319	Structural analysis of carbon and graphite filament wound heatshields for reentry heating environment	1970
19710078326	Measuring the evaporation rate by glow discharge	1970
19710078327	Project Secede - Analysis of barium clouds, volume 1 Semiannual technical report, 8 May - 10 Nov. 1970	1970
19710078334	Resistors, metal film, electra type MFGC, 681K ohms, current noise evaluation of 'selected' low noise units	1970
19710078347	Reliability verification test procedure part no. 2760378	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078348	Research and development of refractory oxidation resistant diborides. Part 2, volume 1. Summary Technical documentary report, 15 Sep. 1967 - 15 Nov. 1969	1970
19710078349	Micropower integrated circuits Annual report, 1 Jun. 1969 - 30 May 1970	1970
19710078351	Microwave acoustic and bulk device technique studies Interim technical report, 1 Feb. - 30 Apr. 1970	1970
19710078353	Detail design of critical components for a prop/rotor aircraft Final report, phase 2, 15 Aug. 1969 - 31 Jul. 1970	1970
19710078359	Research in inhomogeneous turbulent wake flows Quarterly report	1970
19710078369	Total profile automatic throttle control for transport aircraft Final technical report	1970
19710078373	Report of test on switches, rotary /circuit selector, low current capacity/, MIL-S-3786C and MIL-S-3786/3D Final engineering development report	1970
19710078380	Further evaluation of a telemetry system for use in shock interaction experiments	1970
19710078382	Tests of cascades at transonic speeds	1970
19710078399	Test on indicator lights, 2 lamp, modular display type, style LHC 93 of MIL-L-3661/71 /EC/ and MIL-L-3661B Final engineering development report	1970
19710078400	Report of test on cable, electrical, shielded pairs, stranded and unstranded, MIL-C-23437, MIL-W-16878 and MIL-C-915 Final engineering development report	1970
19710078406	Monitors, operating systems, supervisors	1970
19710078410	Report of test on indicator lights, 4 lamp, modular display type, style LHC 92 of MIL-L-3661/68/EC/ and MIL-L-3661B Final engineering development report	1970
19710078415	Long term storage of equipment containing wet slug tantalum capacitors	1970
19710078421	The effects of borosilicate catalysis on the thermal and oxidative stability of fluids Technical report, May 1969 - May 1970	1970
19710078422	TV-TRACK - A real-time output system for object tracking	1970
19710078427	Theoretical study of backscatter effects in panoramic laser cameras	1970
19710078432	Calibration of passive momentum tabs, manganin cage measurement of transmitted pressure waves, and rear surface motion measurements resulting from magnetically driven flyer plate impacts	1970
19710078439	Reliability prediction techniques employed in the development of the S-3A aircraft baseline system Final report	1970
19710078453	The repair of PAPI foam structural parts	1970
19710078457	Development of 500 CFM gas sorption filters Final report, Mar. 1965 - Feb. 1970	1970
19710078463	Production engineering measure for 25mm flexible fiber optic rope Quarterly progress report, 1 Oct. - 30 Dec. 1970	1970
19710078465	Graph plotting subroutines for the EMR 6130 computer and the computer data display system	1970
19710078466	Noise figure measurement and NPR specification using thermal power ratio	1970
19710078471	Liquid metal actuator package design study for a fly-by-wire flight control system Final technical report, Jan. 1969 - Jul. 1970	1970
19710078473	Advanced development of boron composite wing structural components	1970
19710078476	Underwater acoustic imaging - An assessment of feasibility	1970
19710078482	The Hall effect in thin layers of indium antimonide	1970
19710078483	Small portable gas laser designed for alignment of optical systems	1970
19710078484	The magnetic Barkhausen effect	1970
19710078487	Machining practices for unfired alumina oxide bisque Al ₂ O ₃	1970
19710078490	Step-down power transformer qualification tests	1970
19710078492	C-3 reliability verification test procedure part number 2760/41-3	1970
19710078493	TACAN antenna system improvement on C-141, F-4, and F-106 aircraft Final engineering report	1970
19710078495	Investigation of fluidic controls for closed Rankine cycle power plants Final technical report, 30 Jun. 1970 - 2 Jan. 1971	1970
19710078500	Total error minimization in first and second order prediction filters	1970
19710078513	Power reactors qualification tests	1970
19710078539	LOX compatibility of butyl cellosolve, manufactured by Union Carbide /H4 code - 87578/	1970
19710078540	Leak test compound - LOX impact test	1970
19710078541	LOX impact test of two coolants	1970
19710078554	A semi-automatic system for measuring and recording aircraft trajectories during approach and touchdown	1970
19710078584	Miniaturized gyrocompass /small north- orienting device/ Final test report, 18 Aug. - 17 Oct. 1969	1970
19710078585	Development of a K sub U band radar fiducial decoder	1970
19710078586	Development of the PT1538 leak test system	1970
19710078587	Development of a device providing a calibrated air leak	1970
19710078592	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 Oct. - 31 Dec. 1970	1970
19710078594	Pulsed electron beam energy deposition profiles using solid radiation sensitive plastics	1970
19710078596	Frequency management handbook	1970
19710078602	Design configuration and error analysis study of an airborne gravimetric system. Volume 3 - Appendixes 2 through 16 Final technical report, 16 Jun. 1969 - 15 Oct. 1970	1970
19710078618	Fulmer Research Institute Limited Monthly technical progress narrative, 31 Jul. - 1 Sep. 1970	1970
19710078619	Investigation of the effectiveness of a rotary filter	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078637	T64 engine component improvement programs Final report, 1 Jan. - 31 Dec. 1970	1970
19710078675	Simulation requirements and effectiveness - An objective analysis of artificial gravity	1970
19710078678	Contractor's Independent Research and Development Program /IR and D/ Final Report, 1969	1970
19710078684	Some observations on the selection of a location for a supersonic test range	1970
19710078686	Orbiting lunar station phase A study. Section 1 - Objectives and requirements /appendixes/	1970
19710078687	Orbiting lunar station phase A study. Section 1 - Objectives and requirements Final report	1970
19710078718	Development, testing, and evaluation of visual landing aids Consolidated progress report, 1 Jan. - 31 Mar. 1970	1970
19710078719	Development, testing, and evaluation of visual landing aids Consolidated progress report, 1 Oct. - 31 Dec. 1969	1970
19710078726	Qualification of the Continental Device Corporations diode, silicon matched assembly	1970
19710078727	Design of experimental piezoelectric Fabry-Perot light modulator Interim report	1970
19710078728	Application of lithium anode electrochemistry to an improved low temperature reserve battery for the AN/PRC-90 aircrew survival transceiver Final report	1970
19710078730	Development, testing, and evaluations of visual landing aids	1970
19710078731	Habitability - Garment concepts and engineering data Summary report	1970
19710078733	Solar X-ray astronomy - Polarization study of solar X-ray flares Status report, 1 Sep. 1969 - 28 Feb. 1971	1970
19710078750	Research on the physics of solid materials Semiannual status report, 1 Jan. - 30 Jun. 1970	1970
19710078751	Investigation of bleed air turbine drive for antenna cable handling system	1970
19710078763	The downtime effects of a monitor on the system availability	1970
19710078788	Glycol metering valve	1970
19710078791	Vacco Industries filter assembly	1970
19710078807	Fundamental ignition study for material fire safety improvements	1970
19710078810	Radio frequency interference PCM telemeter, type 1 master unit - Apollo program	1970
19710078812	Guidelines for atmosphere evaluation of manned small submersibles and chambers Final report	1970
19710078813	Probe simulator - Apollo program, October 1970	1970
19710078814	Probe simulator - Apollo program, July 1970	1970
19710078815	Test report for relief valve, 1-inch 10,000 psig, Victor Controls, Division of James Pond and Clark, Incorporated, P/N ARV505-9015	1970
19710078816	Voltage regulator, 5V	1970
19710078817	Screening Hi-G relays	1970
19710078818	Glycol temperature control valve - Apollo program	1970
19710078828	Radio frequency interference PCM telemeter, type 1, slave unit - Apollo program	1970
19710078830	Sensitive, hermetically sealed, 12 VDC coil	1970
19710078831	Qualification, transformer, Bourns	1970
19710078832	Qualification, transformer, OECO	1970
19710078841	LOX impact test	1970
19710078848	Autocorrelation functions of the output of a uniform step size amplitude quantizer and its error	1970
19710078849	Error covariance propagation in undermodeled systems	1970
19710078850	The feasibility of cooling missiles by means of the thermally driven Peltier effect	1970
19710078851	Specifying vibration test levels using a force-acceleration product control technique Development report	1970
19710078852	Sampling, word lengths, and ROM function generation	1970
19710078855	Evaluate corrosion and LOX impact qualities of Spray Nine commercial cleaner	1970
19710078864	Data supplement to results of shelf-life evaluation	1970
19710078865	Designing observers for time varying state systems	1970
19710078867	The spectrum of electron content fluctuations in the ionosphere	1970
19710078874	Report of test on capacitor, fixed nonsolid electrolytic	1970
19710078878	Resistor, fixed, film /high stability/	1970
19710078879	AN/ASN-92 Carrier Aircraft Inertial Navigation System /CAINS/ Final engineering report, May 1969 - Oct. 1970	1970
19710078892	A note on a multivariate T distribution	1970
19710078901	Piecewise polynomial Taylor methods for initial value problems	1970
19710078907	Ideal gas flow about blunted bodies of complicated shapes for Mach number 2.0 and up /users manual/	1970
19710078908	Window damage study of the Lubbock tornado	1970
19710078913	Methodology investigation of radiation environment measuring techniques Final report, Jul. 1969 - Jun. 1970	1970
19710078916	Selection of statistical sampling plans	1970
19710078917	Qualification, transformer, pulse engineering	1970
19710078918	Production of dry process divalent silver oxide electrodes by continuous rolling Final report	1970
19710078926	Spherical integral formulas in geodesy	1970
19710078937	Adhesive, rubber base, Vulcabond V114	1970
19710078938	Qualification tests performed on resistors, variable, wirewound-lead-screw-actuated, style RT26 Techno Model 17S	1970
19710078941	The equilibrium composition of dense matter in intense magnetic fields	1970
19710078951	Vibration and shock tests of transformer assembly	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078952	Qualification tests, IBM P/N 6088443	1970
19710078960	Endurance test, size 8 servo motor	1970
19710078961	Qualification tests on capacitors, solid tantalum	1970
19710078978	SECANT - An anti-collision system for airplanes Status report	1970
19710078979	Ovine nutritional responses to elevated ambient carbon dioxide	1970
19710078987	Microelectronic device, operational amplifier /high reliability/ Final specification	1970
19710078988	Production engineering measure crystal unit CR-/XM-69//U and CR-/XM-70//U Quarterly report, 16 Sep. - 16 Dec. 1970	1970
19710079000	The influence of sabot separation on the yawning motion of a cone	1970
19710079001	Sandia particle-in-cell computer program	1970
19710079028	Screening test for micro miniature connectors	1970
19710079057	Airloads on rotor blades in forward flight	1970
19710079062	Launch vehicle part evaluation of ST78D105-6, Pell number 0258	1970
19710079063	Qualification and pilot lot test AS120694 transformer-rectifier assembly	1970
19710079064	Qualification test on capacitors, tantalum, solid electrolyte style CTS03	1970
19710079065	Qualification test of step recovery diode /10182311/	1970
19710079066	Air pollution by airports	1970
19710079075	Aerodynamic characteristics of space shuttle straight-wing and delta-wing orbiter vehicles at Mach numbers from 0.6 to 2.0	1970
19710079078	Study of LSC separation assemblies and LH2 tank destruct assemblies after 3 year shelf life, volume 3	1970
19710079090	Influence of electric power quality on avionic design and weapon system effectiveness	1970
19710079098	Engineering test /predeployment/ of forward looking infrared /FLIR/ target acquisition and fire control system, AN/AAS-29 /U/ Final report, 29 Apr. - 7 Jul. 1970	1970
19710079103	Arctic acoustic sensor evaluation /U/	1970
19710079106	Lightweight weapons sight /U/ Final report	1970
19710079115	Study of LSC separation assemblies and LH2 tank destruct assemblies after 3 year shelf life. Volume 2 - Figures	1970
19710079134	Production engineering measure for 18mm fiber optic inverter plate /U/ Quarterly progress report, 13 Aug. - 13 Nov. 1970	1970
19710079146	A parametric analysis of surface duct propagation at low frequencies /U/ Final report	1970
19710079161	V/STOL aircraft Conform 71 compatibility study, Harrier AV-8A applications /U/ Interim report	1970
19710079164	Stoichiometric engine analysis /U/ Final report	1970
19710079166	Production engineering measure for 18mm microchannel wafer image intensifier tube /U/ Quarterly progress report, 23 Sep. - 23 Dec. 1970	1970
19710079214	Admittance matrix approach to on-line circuit analysis	1970
19710079219	Investigation and analysis of advanced hydrocarbon fluids, volume 1 /U/ Final report, 15 Dec. 1969 - 15 Aug. 1970	1970
19710079220	Investigation and analysis of advanced hydrocarbon fluids, volume 2 /U/ Final report, 15 Dec. 1969 - 15 Aug. 1970	1970
19710079239	Evaluation of Deutsch DM 9700-7S and DM 9601	1970
19710079240	Precision of the WSMR cinetheodolite without optical compensation	1970
19710079262	Evaluation /characterization/ tests on capacitors, polystyrene	1970
19710079264	Performance evaluation of attached inflatable decelerators with mechanically deployed inlets at Mach numbers from 2.6 to 4.4	1970
19710079277	Advanced tactical turbopump study /U/ Final report	1970
19710079287	Surface-flow visualization photographs of the MSC orbiter and a 55 deg swept delta wing modification for several Reynolds numbers at Mach no. 10.4	1970
19710079288	Surface-flow visualization investigation of a delta wing shuttle configuration at a Mach number of 7.4 and several Reynolds numbers	1970
19710079290	Shadowgraphs and surface-flow visualization photographs of the MSC orbiter at Mach no. 7.4	1970
19710079291	Static stability characteristics of MSC orbiter - Test at Mach number 7.4	1970
19710079305	Investigation of 1,2,6, hexanetrioltrinitrate as a rocket propellant constituent /U/	1970
19710079365	Test methodology research investigation, thermal environmental measurements	1970
19710079366	A study of methodology for real-time correction of radar observation error caused by dynamic atmospheric effects Final report	1970
19710079370	Study, perceptually similar visual environment Final report	1970
19710079371	Even-degree piecewise polynomial interpolation of hermite data	1970
19710079372	High Alfvén Mach number oblique collisionless shocks - Prospects for laboratory experiments	1970
19710079373	Functional test of a Rocket Engine Module /REM/	1970
19710079374	Pre-emphasis for constant bandwidth FM subcarrier oscillators for FM and PM transmitters	1970
19710079375	Electrochemical machining - Process and tooling development for titanium alloys	1970
19710079376	Long life space vehicle investigations	1970
19710079377	Non-avionics integrated data systems	1970
19710079378	Printed circuit boards inspection	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079382	Rocket spectrometers for investigations in the far UV solar spectrum Semiannual status report, 1 Jul. - 31 Dec. 1970	1970
19710079387	User's manual for HABSDAT /for CDC-6600/	1970
19710079388	An automatic event detector at TFO	1970
19710079389	Solid-state power management system for aerospace vehicles	1970
19710079411	Life testing of relays to establish reliability	1970
19710079412	Supplement programs for use with the hypersonic arbitrary body program /HABS/	1970
19710079419	Research on high temperature primer polymer Progress report	1970
19710079420	Optical back scattering meter development Final report	1970
19710079421	Qualification test for 747 dual operational amplifier	1970
19710079422	Qualification test for MUA741 operational amplifier	1970
19710079423	SAMECS structural analysis system - User's document, versions S0172DH and S0172DF	1970
19710079429	Electron beam melting beta 3 titanium alloy Final report, 1 Jun. 1968 - 31 Jul. 1970	1970
19710079430	Performance of the Thiokol TE-M-364-4 motor tested in the spin mode at simulated altitude conditions development, phase 1 Final report	1970
19710079433	Aircraft gunfire vibration - The development and prediction methods and the synthesis of equipment vibration techniques	1970
19710079435	Qualification, inductor assembly	1970
19710079436	Evaluation of lunar exploration gravimeter/ surveying system	1970
19710079448	An analysis of astronaut weight loss resulting from space flight Interim report	1970
19710079452	Type 5440, dual 4-in. NAND/NOR	1970
19710079455	Indicator, numeral, digital, incandescent	1970
19710079458	New synthetic methods for silicon-nitrogen polymers Technical report, 1 Jan. - 31 Dec. 1969	1970
19710079463	Mesomorphic substrates Final report	1970
19710079466	Review and discussion of spatial frequency response measurements in human vision	1970
19710079472	Aerobee 150 NASA 4.267UG Meteorological data report for 2 Dec. 1970	1970
19710079473	Development of beryllium honeycomb sandwich composite for structural and other related applications, 1	1970
19710079474	Development of beryllium honeycomb sandwich composite for structural and other related applications	1970
19710079478	The 11601 Lance, missile no. 5112, round no. 107 Meteorological data report for 3 Dec. 1970	1970
19710079480	Long-period signal separation experiments	1970
19710079481	Sorption properties of activated carbon Final report, 27 Jun. - 27 Sep. 1970	1970
19710079482	Fabricating reinforced plastics by fluidized bed techniques	1970
19710079488	Utilization of space environment for preparing highly perfect crystals	1970
19710079489	Shaped charge, boosted	1970
19710079493	Screening test for GE relays	1970
19710079495	Certificate of compliance number 854	1970
19710079498	Reverse bias test of 3 Mallory Type MTG wet slug, hermetically sealed, tantalum capacitor	1970
19710079500	The 12001A Little John Laser, missile no. 2255, round no. 668 RO /26 October 1970/ Meteorological data report	1970
19710079501	Development of a graphite horizontal stabilizer Semiannual interim technical report, 1 May - 31 Oct. 1970	1970
19710079504	The total measurement control system	1970
19710079505	Long life space vehicle investigations	1970
19710079507	Relay, 2 amp, hermetically sealed, 12.0 VDC, sensitive, DPDT	1970
19710079508	Program to develop high strength aluminum powder metallurgy products Quarterly report, 21 Jan. - 20 Apr. 1970	1970
19710079509	Relay, 2 amp, hermetically sealed, 26.5 VDC, sensitive, DPDT	1970
19710079512	Environmental effects and residual stress	1970
19710079520	Some planar motions of symmetric bomblets and magnus rotors Final report, Aug. 1968 - Jun. 1970	1970
19710079521	WP-3A weather reconnaissance airplane system evaluation Interim report	1970
19710079522	Cleaning techniques for solar cells	1970
19710079523	Failure analysis of connectors and interconnectors	1970
19710079524	Failure analysis and evaluation of semiconductors and microelectronic devices	1970
19710079528	Aerobee 170 AF/AO 4.004-3 /2 December 1970/ Meteorological data report	1970
19710079534	Polynomial stress states in first approximation theory of circular cylindrical shells	1970
19710079543	SCEPTRE Support 2, volume 3 Final technical report, 17 Jul. 1968 - 1 Dec. 1969	1970
19710079545	Drag of several surface protrusion patterns at M equals 5.0	1970
19710079550	Qualification of metal glaze resistor	1970
19710079551	Qualification of transistor	1970
19710079555	Qualification test report Hawk program capacitor	1970
19710079560	Electrical interconnections for fly-by-wire flight control systems Final technical report, Nov. 1969 - Oct. 1970	1970
19710079563	Retinal damage by Q-switched ruby laser for large retinal spot diameters	1970
19710079565	Qualification, magnetic amplifier, OECO	1970
19710079574	Integrated circuit, dual line receiver	1970
19710079575	Integrated circuit input/output control	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079578	Airborne antenna coupler Final report, 1 Jul. 1968 - 31 May 1970	1970
19710079585	First order N-point filter error curves	1970
19710079586	Marine advisers model Q-15-current meter	1970
19710079587	Linear integrated circuit testing	1970
19710079588	Sockets, dual in-line, Molex	1970
19710079589	Endurance test, size 10 servo motor	1970
19710079594	An evaluation of the Technological Barrier Documentation project of the Office of Aerospace Research /OAR/. Volume 1 - Potential further applications within the US Air Force Final report	1970
19710079600	Post-operational examinations of two carbide- fueled in-pile converters /U/	1970
19710079607	Applied Science Division Progress report, 1 Jul. - 30 Sep. 1970	1970
19710079608	Fast reactor fuels at the Karlsruhe Facility in Germany Monthly report	1970
19710079612	Fluids, lubricants, fuels and related materials	1970
19710079613	Evaluation of non-insulated terminals	1970
19710079614	Evaluation test of Deutsch connectors	1970
19710079622	Low temperature refrigerator design optimization Final report, Feb. - Aug. 1970	1970
19710079623	Synthesis and evaluation of curing agents Final technical report, 4 Mar. 1968 - 2 Sep. 1970	1970
19710079626	Shock tube configuration for the study of population inversion Technical report, 1 Feb. 1969 - 1 Feb. 1970	1970
19710079629	Evaluation tests on capacitors, plastic, polycarbonate, 'Nugget' type P/N 344	1970
19710079639	Image interpretation and mensuration equipment	1970
19710079641	Sapphire ribbon Quarterly progress report, 1 Oct. - 31 Dec. 1970	1970
19710079666	Evaluation of 54L series low power digital circuits	1970
19710079670	Reliability verification test procedure part no. 2760237	1970
19710079671	Report of test on capacitors, fixed, miniature, ceramic dielectric /temperature compensating/, MIL-C-20D Final report	1970
19710079672	Stress analysis of weldments by X-ray diffraction Final report	1970
19710079673	Report of test on capacitors, fixed, metallized /plastic film dielectric/, direct current, /hermetically sealed in metal cases/, MIL-C-18312D Final report	1970
19710079677	Production of Pu-containing specimens for group 3 of the FR-2 loop irradiations	1970
19710079679	Electromagnetic pulse sensor and simulation notes. Volume 7 - Notes 92 through 100	1970
19710079683	Applied Physics Division Progress report, 1 Oct. - 31 Dec. 1970	1970
19710079684	Chemistry and Materials Science Division Progress report, 1 Jul. - 30 Sep. 1970	1970
19710079685	Engineering test of mobile weather radar AN/TPS-41/XE-2/ Final report	1970
19710079686	Mini two-position and mini three-position zoom power supply systems Final technical report, 13 Feb. 1968 - 11 Sep. 1970	1970
19710079689	Powered inertia reel system - XM1, development and qualification Technical report, Oct. 1967 - Jan. 1970	1970
19710079692	Verification test procedure part no. 2760237	1970
19710079694	Qualification for Zener Diode Final report	1970
19710079695	Hazard detection and avoidance system for a lunar roving vehicle	1970
19710079699	C-3 reliability verification test procedure part no. 2760200-16,28	1970
19710079701	Design and specification of UC irradiation experiment K1-1 in prototype capsule Mol 11A-1 in BR-2	1970
19710079703	Reliability verification test procedure part no. 2760119	1970
19710079709	Microcircuit crystal oscillator	1970
19710079711	Irradiation experiments to investigate the compatibility of certain austenitic steels and nickel and vanadium alloys with UN and UC fuel under irradiation	1970
19710079715	Sceptre support 2. Volume 2 - Revised mathematical formulation Technical report, 17 Jul. 1968 - 1 Dec. 1969	1970
19710079716	Qualification test of inductor D34003232-001 from Torotel Incorporated	1970
19710079717	Vendor qualification on semiconductors, transistors, power, silicon, PNP, mesa, metal can	1970
19710079721	Analysis of barium release data from Secede 3 Final report, 1 Jul. 1969 - 30 Jun. 1970	1970
19710079722	Launch vehicle part evaluation test of ST78089-1, Pell no. 0248	1970
19710079724	Qualification test of AS120695 ceramic capacitors /CK06 type/ manufactured by Aeronox Corporation	1970
19710079732	Reliability verification test procedure part no. 2760236	1970
19710079736	Analytical and experimental studies of multilayer insulation heat transfer	1970
19710079738	Vendor qualification	1970
19710079742	Investigation on resistor, variable, plastic, precision, single turn, linear, .02-.05 watt	1970
19710079743	Qualification test of AS120695 ceramic capacitors /CK06 type/ manufactured by Vitramon Corporation	1970
19710079744	Quartz crystal unit type CR-1067X and CR-/XM-67//U production engineering measure Final report	1970
19710079761	Design criteria study for large surface effect ships /U/	1970
19710079765	Investigation of radiation effects in semiconductors	1970
19710079766	Investigation of radiation effects in semiconductors Final report, 2 Feb. 1968 - 30 Sep. 1970	1970
19710079771	Microchannel plate development /U/ Final report, 18 May 1965 - 31 May 1968	1970
19710079830	Launch vehicle part evaluation test of ST78D89-2, pell no. 0249	1970
19710079831	Launch vehicle evaluation test of ST78D90-1, pell no. 0251	1970
19710079832	Launch vehicle evaluation test of ST78D99-1, pell no. 0254	1970
19710079838	Low power, high reliability plated wire memory Final report, 18 Jun. 1968 - 18 Jul. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079839	Design and evaluation of primary hand controllers for fighter aircraft Final report, 2 Jan. 1970 - 28 Feb. 1971	1970
19710079843	Pressure generation by water impact upon molten aluminum. Part 2 - An improved model	1970
19710079844	Report of test on capacitors, fixed, ceramic dielectric, disc type, MIL-C-11015D Final report	1970
19710079850	Investigation of radiation effects in semiconductors, SR 9	1970
19710079853	Production engineering measure - High power xenon lamp Quarterly progress report, 3 Sep. - 12 Dec. 1970	1970
19710079854	A programmed approach to increasing the operational value of Air Weather Service products - Report on phase 2 of the RAND Corporation contribution to the Air Weather Service mission analysis Final report	1970
19710079858	Systems component electromagnetic compatibility Quarterly report, 1 Sep. - 30 Nov. 1970	1970
19710079860	Fuels and Materials Division Progress report, 1 Jul. - 30 Sep. 1970	1970
19710079864	A Semiautomatic Flight Operations Center /SAFOC/ /design of experiments program/	1970
19710079866	Transient response of a two-mass system with an interconnecting bar subjected to an arbitrary applied force	1970
19710079867	Performance of cesium beam frequency standards and clock modelling	1970
19710079868	Launch vehicle part evaluation of ST78D105-1, pell no. 0255	1970
19710079871	Sceptre support 2. Volume 1 - User's manual Technical report, 17 Jul. 1968 - 1 Dec. 1969	1970
19710079873	Flyable prototypes of a hybrid infrared source Final report, 2 Jan. 1969 - 30 Sep. 1970	1970
19710079874	Airborne antenna coupler, ferrimagnetic tuning Final report, 1 Jul. 1968 - 28 Feb. 1969	1970
19710079878	Radar reflectivity of aircraft Final report	1970
19710079880	A new approach to functional decomposition	1970
19710079884	Errors in barometric altimeters	1970
19710079887	Annual report, April 1969 - March 1970	1970
19710079888	Advancements in the generalized perturbation theory	1970
19710079889	Activity report, 1st quarter 1970	1970
19710079890	Complementary role of integral experiments with regard to differential measurements for a fast neutron reactor design - Examples for plutonium isotopes	1970
19710079899	Growth and characterization of thin film III-V ternary compounds for photocathodes Quarterly report, Oct. - Dec. 1970	1970
19710079902	Single crystal tin telluride - Lead selenide for IR detection Annual report	1970
19710079906	On the ability of spikes to reduce the drag and rain erosion of hemispherical radomes or irdomes in the supersonic regime	1970
19710079910	Activity report of 1969. Part 4 - Development of the sodium circuit components	1970
19710079916	Full-size maneuvering target feasibility study Final report, Mar. - Jul. 1970	1970
19710079928	Effect of temperature on the wear of forging tools	1970
19710079934	Damage assesment and information science research, phase 2 Final report, 16 Oct. 1969 - 15 Oct. 1970	1970
19710079935	A research program on solid propellant physical behavior Final report, 1 May 1969 - 30 Jul. 1970	1970
19710079953	Processing of data from sonar systems, volume 8 Technical report, 1 Jul. 1968 - 30 Apr. 1970	1970
19710079955	Development of a missile exhaust gas ingestion rocket motor	1970
19710079960	Free-fall sensor Final report, 8 Nov. 1968 - 31 Jan. 1970	1970
19710079962	Defect interaction and metallurgical process simulation in metals and alloys Technical report, Jun. 1967 - May 1970	1970
19710079965	Advanced composite wing structures. Volume 1 - Engineering Final report, Feb. 1968 - Aug. 1970	1970
19710079976	Modified Elemental Volume Dose Program /MEVDP/ Technical report, 7 Feb. - 7 Aug. 1969	1970
19710079977	Determination of the earth's gravity field from satellite observations	1970
19710079980	Nike-Apache NASA 14.418 UA Meteorological data report for 17 Dec. 1970	1970
19710079987	Preparation and evaluation of special porosity cast steel test plates Final technical report, 17 Jun. 1968 - 30 Apr. 1970	1970
19710079989	TOPRAP - A Trajectory Optimization Program for Rocket Assisted Projectiles	1970
19710079993	Measured antenna characteristics of A-4 and F-6 aircraft with respect to HERO	1970
19710079994	SERL Technical Journal, volume 20, no. 3	1970
19710079996	Photoemission from gallium arsenide Annual report	1970
19710079997	Cadmium sulphide acousto-electric oscillator Annual report	1970
19710079998	Improvement of photomask and photoresist technology Annual report	1970
19710079999	Study of microwave integrated circuits in GaAs Final report	1970
19710080000	ISO-electronic impurities in GaAsP alloys Annual report	1970
19710080001	Infrared camera tube Final report, 1 Aug. 1969 - 30 Sep. 1970	1970
19710080003	Report of test on resistors, variable, nonwire-wound adjustment type, lead-screw actuated, MIL-R-22097D Final report	1970
19710080006	Study of ion implantation in semiconductors Final report	1970
19710080007	Material and device technology of gallium phosphide Annual report	1970
19710080008	Measurement of the yawing moment of inertia of an aircraft /HP 115/ in flight	1970
19710080009	Detonation ramjets for hypersonic aircraft	1970
19710080010	An electrical resistance method of measuring fatigue crack growth by using an attached metallic foil	1970
19710080011	Friedel-crafts resin/carbon fibre composites - A preliminary assessment	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080012	Sputtered Au-Ta-O cermet for thin film resistors - A preliminary study	1970
19710080016	Proceedings of the Army Symposium on Solid Mechanics, 1970 - Lightweight structures	1970
19710080038	A report of the second rebuilding of the Mk 2B 77-PIN sub-assembly, DFR, for re-irradiation in the Dounreay fast reactor	1970
19710080039	Methods for measuring the thermal and electrical conductivity of cermets	1970
19710080040	The post irradiation examination of the Mk. 2B sub-assembly DFR 209 at 7.2 percent peak burn-up	1970
19710080041	Behaviour of iodine isotopes in a high temperature gas reactor coolant circuit. Project Dragon	1970
19710080042	Failed pin detection in sub-assemblies in the Dounreay fast reactor	1970
19710080043	Structural tests for the supersonic transport aircraft	1970
19710080044	A technique for the automatic, digital analysis of flight dynamic response data	1970
19710080046	Single crystal tin selenide, lead selenide for IR detection Annual report, Jul. 1969 - Oct. 1970	1970
19710080050	Probability forecasts of precipitation based on the Central Analysis Office quantitative precipitation forecasts	1970
19710080051	High efficiency Gunn oscillators. CVD research project Annual report	1970
19710080052	CVD developments Annual report	1970
19710080053	C/X-band low noise bipolar transistors. CVD research project Annual report	1970
19710080055	CVD device development Annual report, 1970	1970
19710080056	Study of Q-band hybrid microwave integrated circuits. CVD research project Annual report	1970
19710080057	Feasibility study on periodic permanent magnet focusing of high power electron beams Annual report to CVD	1970
19710080058	Switching elements for use with multi-element displays. CVD research project Final report	1970
19710080059	Low voltage threshold MOST. CVD research project Annual report, Oct. 1969 - Oct. 1970	1970
19710080060	Research into circular geometry device design Annual report, 1970	1970
19710080061	Special devices development projects - VX.9259, VX.9263, VX.19000 Annual report, 1970	1970
19710080062	Static subscriber subsystem /wire distribution/ loop multiplexer/combiner Quarterly technical progress report, 1 Jan. - 31 Mar. 1970	1970
19710080063	A shortened iterative determination of rotation matrices in the transformation of point aggregates	1970
19710080081	A 40mm fiber optics image inverter /U/ Final report, 25 Apr. 1969 - 25 Aug. 1970	1970
19710080102	Stoichiometric engine analysis. Addendum 1 - Aircraft liaison program /U/ Final report	1970
19710080103	Stoichiometric engine analysis. Addendum 2 - Component maps used in candidate engines /U/ Final report	1970
19710080106	A plan for integrated management of FSG 58 /communications equipment/ and FSC 6625 /electrical/electronic test instruments/. Volume 2 - Plan /U/	1970
19710080119	Direct stress fatigue tests on DTD 5070A, BS L73 and Alclad 2024-T81 sheets	1970
19710080120	Experimental electronic circuits for an integrated manoeuvre demand flight control system	1970
19710080121	Measurements of the drag of various two dimensional excrescences immersed in turbulent boundary layers at Mach numbers between 0.2 and 2.8	1970
19710080122	Exploratory tests on an overwing engine installation	1970
19710080124	Synthetic substrates for acoustic surface waves Annual report	1970
19710080125	The ac gas discharge matrix panel Annual report	1970
19710080126	Use of YIG filters for image recovery to reduce the conversion loss of microwave mixers Annual report, 1969 - 1970	1970
19710080127	Improved room temperature lasers Annual report	1970
19710080136	Research on low noise microwave transistors. CVD research project Final report	1970
19710080137	Detectability curves for swerling cases 3 and 4 target models	1970
19710080140	Monthly record - Meteorological observations in Canada, August 1970	1970
19710080141	CVD developments Annual report	1970
19710080167	The preparation of ultra high purity indium Annual report, period ending Oct. 1970	1970
19710080168	Development of a silicon avalanche photodiode VX5124. Fast photomultiplier VX5106. Low light level rugged camera tube VX5116 Annual report, 30 Sep. 1970	1970
19710080169	Development work for DCVD /Ministry of Defence/ Annual progress report, 1 Nov. 1969 - 31 Oct. 1970	1970
19710080170	Wind profile and tower shadow measurements at the Nelson River test line, Manitoba	1970
19710080171	Monthly record - Meteorological observations in Canada, July 1970	1970
19710080172	An approximate method for calculating critical gust statistics for STOL operations	1970
19710080173	A technique for the determining of the most favorable runway headings	1970
19710080174	Relation between crystal defects and electrical properties in silicon planar devices Annual report	1970
19710080175	Study of MOS integrated circuits incorporating ion implantation Final report	1970
19710080176	Study of avalanche diodes as microwave oscillators at O-band. CVD research project Annual report	1970
19710080177	A GaAsP display system Annual report, Apr. - Sep. 1970	1970
19710080178	Improved varactor performance using thin silicon Final report	1970
19710080181	On the subcritical stability of variable ramp intakes at Mach numbers around 2	1970
19710080183	Pre-monsoon storms over north east India. An airborne radar and photogrammetric study	1970
19710080185	A method of achieving realistic flight tests at zero rate of climb speed and some results from BAC 221	1970
19710080186	Proposals for hydrazine and ammonia resisto-jet orbit and attitude control systems for satellites	1970
19710080188	Research on mercury cadmium telluride detectors and material. CVD research project RP8-47 Annual report, Dec. 1969 - Nov. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080202	Investigation of surface wave diffraction delay lines Annual report	1970
19710080203	Arctic summary - A semiannual summary of meteorological data from the joint Arctic and other weather stations on the Arctic Islands, January - June 1970	1970
19710080204	CVD annual report on development projects	1970
19710080207	RF power amplifier /VX8549/, INSB linear detector array /VX8558/, rugged, cheap, unevacuated 4-6 micron detectors /VX8559/, /VX8568/, miniature solid state image intensifier /VX8561/, mercury cadmium telluride IR detector /VX8564/, INSB IR cell annular detector /VX8567/ Annual report, Dec. 1969 - Dec. 1970	1970
19710080208	Double injection electroluminescence in anthracene Annual progress report, 25 Jun. - 30 Sep. 1970	1970
19710080209	Flow of moist air near the ground IV Final report	1970
19710080210	Reliability verification test 2760381	1970
19710080211	Reliability verification test 2760379	1970
19710080213	RUNKUT - Runge-Kutta integrator of systems of first order ordinary differential equations	1970
19710080214	Evaluation of a model to predict stress pulse attenuation in quartz phenolic	1970
19710080215	RF analysis of film-deposited bridges for an electro-explosive device	1970
19710080219	Hawker Siddeley Aviation Hatfield piloted flight simulator	1970
19710080220	Low-speed wind tunnel calibrations of the pitot and static pressure sensors and wind vanes on the short SC 1 aircraft	1970
19710080221	Gas discharge matrix display dc system Annual report, 1970	1970
19710080222	Canadian upper air data monthly bulletin, August 1970	1970
19710080224	Numerical experiments with a two layer discrete vortex model of the atmosphere	1970
19710080226	A study of metal contacts to silicon Annual report	1970
19710080243	Major circulation snowstorms over the Atlantic provinces in January 1970	1970
19710080244	Development of J-band noise standard VX9276. Development of L-band coaxial noise standard VX9277. Development of solid state noise generator VX24000 Annual report, 1 Nov. 1969 - 31 Oct. 1970	1970
19710080245	Enhancement by total internal reflection of semi-transparent S.20 photocathodes Annual report	1970
19710080247	Electron emission from silicon carbide. CVD research project RP4-51 Final report	1970
19710080248	Growth of CdS single crystals for acousto-electric studies. CVD research project RP4-23 Annual report no. 5	1970
19710080260	Research on InSb IR detectors. CVD research project RP8-45 Annual report, Dec. 1969 - Nov. 1970	1970
19710080268	Research and development of an ocular laser protective filter /plastic/ Technical report, 1 Jul. 1969 - 15 Jul. 1970	1970
19710080269	Reliability verification test 2760382	1970
19710080270	Reliability verification test 2760383	1970
19710080271	Reliability verification test 2760385	1970
19710080272	Qualification of ceramic capacitor	1970
19710080273	Improved Gunn effect oscillators. CVD research project RP4-54. Annual report no. 2	1970
19710080285	Advanced composite wing structures. Volume 2 - Manufacturing and quality control	1970
19710080290	Defence Research Establishment Valcartier Annual report, 1970	1970
19710080299	Study of high voltage pulse modulator thyristors Final report	1970
19710080304	Direct current circuit breaker. CVD research project RP3-70 Final report	1970
19710080305	Measured probability density functions of noise in bandpass limiters and methods for comparing with a Gaussian density	1970
19710080307	Study of an injected beam crossed field amplifier. CVD research project RP3-81 Annual report no. 2	1970
19710080308	Annual report on CVD development projects, December 1969 - December 1970	1970
19710080309	Low storage time transistors incorporating Schottky barrier diodes. CVD research project RP4-59 Annual report no. 2	1970
19710080310	Failure mechanisms in MOS integrated logic circuits. CVD research project RP4-82 Annual report no. 1	1970
19710080313	Research on multilayer fluorescent screens. CVD research project RP3-82 Final report	1970
19710080322	Cheater circuits for high power thyatron testing Final report	1970
19710080323	Arc instabilities in hydrogen thyratrons Annual report	1970
19710080324	Study of fast recovery thyatron Final report	1970
19710080325	Non-reciprocal effects using elastic surface waves Annual report	1970
19710080326	Silicon Schottky barrier power diodes Annual report	1970
19710080327	Study of high speed thyristors Annual report	1970
19710080328	Research on multi-beam cold cathode display tubes Annual report	1970
19710080331	Report on aeromagnetometer surveying over the Grand Duchy of Luxembourg	1970
19710080334	Semiannual report, period ending, 31 December 1970	1970
19710080345	Ion-implanted pin diodes. CVD research project RP4-61 Annual report, Nov. 1969 - Oct. 1970	1970
19710080346	A theoretical and experimental study of the basic properties of plasmas Final report, 22 Oct. 1967 - 22 Oct. 1970	1970
19710080349	Expandable Full-Scale Maneuvering Target /FSMT/ study Final report, 8 Feb. - 30 Nov. 1970	1970
19710080350	The application of differential scanning calorimetry to the assessment of cure of a plasticized and filled epoxide resin system	1970
19710080351	The evaluation of two methods for detecting the presence of abrasive particles in lubricating greases	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080357	Experimental verification of the suitability of compressing the time of mission profile during elevated temperature fatigue testing Final report, Jul. 1964 - Jun. 1970	1970
19710080360	Research into reliable manufacturing techniques for beryllia components Annual report, 1 Aug. 1969 - 31 Jul. 1970	1970
19710080361	RF burn out of silicon Schottky barrier microwave mixer diodes Annual report, Apr. - Oct. 1970	1970
19710080367	Life performance and stability of low-noise traveling-wave tubes Annual report, Nov. 1969 - Oct. 1970	1970
19710080374	A plan for integrated management of FSG 58 /communications equipment/ and FSC 6625 /electrical/electronic test instruments/. Volume 3 - Data, part 1	1970
19710080375	A plan for integrated management of FSG 58 /communications equipment/ FSC 6625 /electrical/electronic test instruments/. Volume 3 - Data, part 1	1970
19710080376	A plan for integrated management of FSG 58 /communications equipment/ and FSC 6625 /electrical/electronic test instruments/. Volume 1 - Analysis	1970
19710080377	Irradiation temperature of fuel pins in DFR subassembly experiments	1970
19710080379	Qualification of ceramic capacitor	1970
19710080384	High power fast recovery pulse thyristor VX26001 stage B Annual reports to DCVD on VX developments up to 31 Oct. 1970	1970
19710080387	Material for high peak power Gunn devices. CVD research project RP7-64 Annual report	1970
19710080388	The Shock and Vibration Bulletin, December 1970	1970
19710080390	The incompressible turbulent boundary layer - Prediction methods and associated auxiliary equations	1970
19710080391	Study of barrier layers for the passivation and protection of plastic encapsulated integrated circuits Annual report	1970
19710080392	Ninety-Ninth Quarterly Report of the James Franck Institute	1970
19710080394	Ceramic R and D programs. Part 1 - National Aeronautics and Space Administration	1970
19710080397	Fluid physics Status report, 1 Jun. 1970 - 31 May 1971	1970
19710080402	Low-speed wind-tunnel tests on the stability and control characteristics of the BAC 221 slender-wing aircraft	1970
19710080407	Additional comment on the characteristics of elasto-plastic flow	1970
19710080419	Gimballed reaction wheel mounting Quarterly progress report, 8 May - 8 Aug. 1970	1970
19710080439	Meteorite photography and recovery network Semiannual report, 1 Jul. - 31 Dec. 1970	1970
19710080440	Temperature effects on the dynamic characteristics of blocked cascaded pneumatic transmission lines	1970
19710080445	Evaluation of commercial polyurethane elastomers	1970
19710080453	Expandable structure applications utilizing elastic recovery techniques	1970
19710080460	Solar cell radiation damage experiment Quarterly report, 28 Sep. - 27 Dec. 1970	1970
19710080463	Development of integral covers on solar cells Interim report, Jun. - Dec. 1970	1970
19710080506	Irradiation of UO ₂ -Cr cermet samples in FR-2 /Project FR-2/68, HZ/15, KVE 51/	1970
19710080507	Motion equations for dual spin satellites	1970
19710080512	Studies on the computation of plumb line deflections due to masses, interpolation of plumb line deflections, and geoid determination in Switzerland	1970
19710080513	Saturated hydrocarbon polymeric binder for advanced solid propellant, 1 August - 31 October 1970	1970
19710080524	Reentry vehicle shell analysis	1970
19710080530	Replacement of SR 4990 by barium styphnate in the MK 24 actuator	1970
19710080531	Development of ML-566 /XE-2//AM high altitude balloon and provision of advanced development models Quarterly progress report, 1 Jul. - 30 Sep. 1970	1970
19710080532	Semiannual interim report	1970
19710080636	The emittance of refractory metal coatings Final technical report, 1 May 1969 - 30 Jun. 1970	1970
19710080640	Gamma ray experiment based on spark chamber and nuclear emulsions Final report, 1 May 1967 - 31 May 1970	1970
19710080653	Electronically tuned antenna coupler Quarterly report, 1 Jun. - 31 Aug. 1970	1970
19710080683	Advanced refractory alloy corrosion loop program Monthly progress report, 15 May - 15 Jun. 1970	1970
19710080684	Integration support for Nimbus D attitude control system Final progress report	1970
19710080689	Advanced refractory alloy corrosion loop program Monthly progress report, 15 Jan. - 15 Feb. 1970	1970
19710080696	Development project VX5119 - L band ESF Klystron amplifier Annual progress report, Aug. 1969 - Sep. 1970	1970
19710080700	Full Size Maneuvering Target /FSMT/ concept feasibility study Final report, 1 Mar. - 19 Jun. 1970	1970
19710080707	The external drag at subsonic and supersonic speeds of fuselage-side air intakes for strike-fighter aircraft	1970
19710080711	TIMARC - A time multiplexed analogue radio control system	1970
19710080714	A structural design study for elements of a large space telescope Final report, Aug. - Dec. 1970	1970
19710080716	Stiction-friction Final report	1970
19710080719	PLRACTA advanced development program, remote station description	1970
19710080722	Some full-scale measurements of the flow in the wake of a hangar	1970
19710080725	Some mechanical properties of DTD 5025 magnesium alloy castings	1970
19710080726	EDALG - A computer program to translate Elliott 4100 Algol into ICL 1900 Algol. Volume 1 - General description and user's guide	1970
19710080728	SKYNET 1 manoeuvres, June - July 1970	1970
19710080731	Rarefied hypersonic flow about cones and flat plates by Monte Carlo simulation	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080732	Single crystal transducers and dielectrics Interim report, 1 May - 31 Aug. 1970	1970
19710080733	Metallographic investigation and fatigue tests on a high voltage electron beam welded joint in 2 in /51 mm/ thick Ti-6Al-4V bar	1970
19710080738	Some comments on the description of programming languages	1970
19710080742	Development of high strength, high modulus fibers Final report, 1 Dec. 1968 - 30 Apr. 1970	1970
19710080743	High-power GaAlAs injection laser Semiannual report, 23 Feb. - 22 Aug. 1970	1970
19710080744	Improved tough adhesives for structural applications Final report	1970
19710080746	Relating to new materials and devices produced by ion implantation Progress report, 1 Apr. - 1 Oct. 1970	1970
19710080747	The strain-potential effect of silver iodide	1970
19710080748	YIG crystal aspect ratio studies of delay lines and dispersive filters	1970
19710080758	Inorganic dielectrics research Semiannual report, 1 Jan. - 30 Jun. 1970	1970
19710080759	Computer programs for scanning celestial attitude determination systems Final report	1970
19710080765	Optimal space communications techniques Final report, 15 Sep. 1969 - 14 Sep. 1970	1970
19710080804	An investigation into the machining and metallurgical aspects of ultra high strengths steels	1970
19710080805	Effect of outdoor exposure on stressed and unstressed, adhesive bonded metal-to-metal joints	1970
19710080809	A simple model of a rocket exhaust jet for radio interference calculations	1970
19710080819	Suggested technical program - Development of stable, space repairable/replaceable thermal control coatings	1970
19710080834	Radio interference caused by rocket exhaust jets - The measurement of phase modulation	1970
19710080858	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage Quarterly report, 30 Sep. - 30 Dec. 1970	1970
19710080859	Electromagnetic compatibility test plan/ procedures, SESP flight 70-1	1970
19710080865	The transient response of the Decca Doppler 67M, October 1969 - January 1970	1970
19710080907	Summary memo on closed session discussions related to variable geometry aircraft design	1970
19710080908	Session description	1970
19710080909	Design and test results on a full scale titanium wing pivot for a fighter aircraft, appendix A	1970
19710080910	LTV facility for evaluation of complete full scale wing pivot joints, appendix B	1970
19710080911	Variable geometry, problems, programs, objectives, appendix C	1970
19710080912	Analytical representation of a wing pivot joint for preliminary optimization, appendix D	1970
19710080913	Performance and scaling analysis of TFE journals for variable geometry aircraft, appendix E	1970
19710080914	US/FRG-V/STOL strike reconnaissance aircraft, appendix F	1970
19710080915	Wing pivot joint analysis and systems development tests, appendix G	1970
19710080916	Influence of wear considerations on the F-111 wing pivot design and materials selection, appendix H	1970
19710080917	A historical survey of wing pivot design studies for variable geometry systems at Boeing, appendix I	1970
19710080934	Canadian forces /air/ Buffalo /CC 115/ no. 9456, paratrooping from the tailgate using the PX1 Mk 3 parachute	1970
19710080938	Growth and properties of epitaxial films of ferroelectric bismuth titanate Final report, 16 Nov. 1969 - 15 Dec. 1970	1970
19710080942	Research to obtain eye effects data and develop a mathematical model for eye effects predictions Final report, 3 Nov. 1969 - 15 Nov. 1970	1970
19710080946	Structural design studies for surface effect ships, phase 2 Final summary report, Mar. 1969 - Oct. 1970	1970
19710080979	Qualification program on low density, fluid resistant primer	1970
19710080982	Structural and mechanical effects of interstitial sinks	1970
19710080985	Weather-service contribution to STRICOM operations - A survey, a model, and results. The RAND Corporation contribution to the Air Weather Service Mission analysis Final report	1970
19710080991	Study of photoemission and work function of large surface areas, phase 2 Final report, 1 Jul. - 30 Nov. 1970	1970
19710081009	Vertical circulations	1970
19710081070	On the interpretation of the geodetic reference system, 1967	1970
19710081071	Comparison between the method of C. Popovici and K. Arnold for the determination of the azimuth from satellite observations	1970
19710081073	Considerations on the geodetic reference system, 1967	1970
19710081075	The effect of various parameters on the behavior of the pulsed HF chemical laser	1970
19710081082	Wide-temperature-range free-layer damping materials	1970
19710081085	Flight test of an ejector pump engine fuel feed system in an F-4 aircraft Final report, Aug. 1967 - Mar. 1970	1970
19710081095	Anodic bore ion laser research Final technical report	1970
19710081105	Reliability verification test procedure part number 2760271	1970
19710081106	Verification test procedure part number 2760324, test report	1970
19710081107	Verification test procedure part number 2760324	1970
19710081108	Reliability verification test procedure part number 2760036, test report	1970
19710081109	Reliability verification test procedure part number 2760036, January 1970	1970
19710081110	Reliability verification test procedure part number 2760036	1970
19710081132	Reliability verification test procedure part no. 2760271	1970
19710081133	C3 reliability verification test procedure part no. 2760307	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081134	Reliability verification test procedure part no. 2760307	1970
19710081141	Reliability verification test procedure part number 2760177,5	1970
19710081142	Reliability verification test procedure part number 2760177,6	1970
19710081167	Time division multiple access modem for communication satellite links Final report	1970
19710081176	Reliability verification test procedure part number 2760119	1970
19710081195	Component acceptance test and qualification test for Globe Industries AAP motors	1970
19710081196	Experiments for SECEDE 2 - Volume 3 - Beacon measurements Technical report, 4 May - 30 Nov. 1970	1970
19710081197	Experiments for SECEDE 2 - Volume 2 - incoherent scatter Technical report, 4 May - 30 Nov. 1970	1970
19710081198	Ferrofluid damper development Final report, Apr. 1968 - Nov. 1969	1970
19710081210	Waterjet performance mapping computer program, user's manual, subroutine OUTPUT PW-01-121269	1970
19710081211	Compatibility studies for viable titanium matrix composites	1970
19710081212	Effect on interfaces in metal matrix composites on mechanical properties	1970
19710081216	LOX impact test	1970
19710081217	Data collection platforms for synchronous meteorological satellite. Design study - UHF interrogated data collection platform Final report	1970
19710081222	Waterjet performance mapping computer program, user's manual, subroutine OUTPUT PW-02-121269	1970
19710081223	Explosive impulse calculations Final report	1970
19710081227	Analysis of human factors data for electronic flight display systems Final report, Nov. 1969 - Dec. 1970	1970
19710081234	Mathematical analysis and computer programming services in support of the SAPPASAC experiment for the ATS spacecraft Quarterly report	1970
19710081255	Reliability verification test procedure part number 2760177	1970
19710081256	Insert, connector, electrical, 104 socket contact	1970
19710081257	Insert, connector, electrical, pin contact	1970
19710081270	Applied magnetohydrodynamics, no. 5. MHD nuclear power plants	1970
19710081271	Vietnam laboratory assistance program. Operation and maintenance evaluation of KAAR model LN66 radar set in YFU /SKILAK/ craft Final report, 23 Jul. - 24 Nov. 1969	1970
19710081277	Digital signal processing Annual report, Sep. 1969 - Sep. 1970	1970
19710081284	Experimental studies in the technology and application of ultrasound imaging - A status report	1970
19710081289	Optimization of speech recognition networks Final report, 25 Sep. 1969 - 24 Sep. 1970	1970
19710081305	Microwave pulse shaping networks Final report, 15 Dec. 1965 - 1 Aug. 1970	1970
19710081315	Waterjet performance mapping computer program, user's manual, subroutine PERF PW-01-121269	1970
19710081317	High strength-high modulus carbon fibers Technical report, 1 Mar. 1969 - 31 May 1970	1970
19710081321	Statistical estimation in the theory of the gravity field	1970
19710081335	C-3 reliability verification test procedure part no. 2760233	1970
19710081337	Heat transfer and thermal analyses of a West German Nike-Tomahawk 9 payload antenna	1970
19710081338	Mean value theorem estimates of some transport calculation errors	1970
19710081339	Dispersion modeling of airport pollution	1970
19710081340	Waterjet performance mapping computer program, user's manual, subroutine input, PW-01-121269	1970
19710081343	Development of an eddy current technique to measure electrical conductivity on 7075-T6 and 7075-T73 aluminum tubing	1970
19710081345	Radio set AN/PRC-68 Final report	1970
19710081351	Development of a remote sensor technique for determining temperature encountered in metal cutting and its use in generating adaptive control data.	1970
19710081353	Method for calculation of bremsstrahlung and neutron production from electron driven targets	1970
19710081355	Grease development and evaluation for helicopter transmissions and servomechanisms Final report, 1 Apr. 1968 - 1 Sep. 1970	1970
19710081358	The Princeton Pennsylvania Army Avionics Research Program Annual report, 1 Jun. 1969 - 30 Jun. 1970	1970
19710081384	Hydraulic circuit breaker for aircraft hydraulic systems Final report, 15 Mar. 1969 - 30 May 1970	1970
19710081410	Information tests on batteries dry, mercury, type CSR-315 /RM640WA/	1970
19710081413	Cartographic production equipment, change 1	1970
19710081418	On methods establish a set of global characteristic wind profiles	1970
19710081423	Evaluation of color test photography for military geographic analysis - A literature review	1970
19710081425	Reliability verification tests, 2760166	1970
19710081426	C-3 reliability verification test procedure part number 2760121	1970
19710081427	Reliability verification test, 2760379-1	1970
19710081428	Reliability verification test 2760425, 2760426, 2460427	1970
19710081429	Reliability verification test, 2760417	1970
19710081430	Acoustic emission in-process electron beam /EB/ weld inspection technique	1970
19710081434	A study of United States Air Force and commercial airline concepts of utilization of aircraft integrated data systems	1970
19710081435	A modular container scheduling and load planning system for use with the C-5 A transport	1970
19710081437	A basic language program for tabulating two-theta values from the Bragg equation for electron microprobe use	1970
19710081449	Two directional coupler measurement techniques and their error analyses	1970
19710081451	The assessment of system and component reliabilities based on both system and component test results	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081484	Near real time estimation of vertical deflection in an at sea Apollo tracking environment	1970
19710081508	Reliability verification test procedure part number 2760055	1970
19710081509	Reliability verification test procedure part number 2760055	1970
19710081524	Study to evaluate the feasibility of a feedback controlled variable conductance heat pipe Monthly progress letter, March 1970	1970
19710081527	Penetration systems studies Semiannual report, 1969 Oct. - 1970 Mar.	1970
19710081534	Development of a fluidic variable gain controller for an aircraft fluidic artificial feel system Final report	1970
19710081551	Study of technology requirements for the containment of shipboard aviation fire hazard Final report	1970
19710081562	Equations of motion for constant mass entry vehicles with time varying center of mass position	1970
19710081573	Development of an improved 25 mm microchannel image intensifier tube /U/ Final technical report, 6 Oct. 1969 - 6 Sep. 1970	1970
19710081574	Intagliated fiber optics plate structures /U/ Final technical report, 28 Dec. 1967 - 28 Sep. 1969	1970
19710081651	The resistance of carbon fibre laminates to ball impact	1970
19710081661	Perfluoroalkylene-linked aromatic polyimides	1970
19710081665	Reliability verification test, 2760166	1970
19710081667	Civil aircraft airworthiness data recording programme - Hard landings encountered by subsonic civil jet aircraft	1970
19710081668	Civil aircraft airworthiness data recording programme - Manoeuvre loads during training and test flying	1970
19710081669	Reliable integrated wire termination devices Final report, Jun. 1969 - Jan. 1971	1970
19710081682	Failure mechanism of ACS valve in CPF service, phase 1 Interim technical report, 1 Jul. - 31 Aug. 1970	1970
19710081691	Underwater binaural communication system Final report, Aug. 1969 - Dec. 1970	1970
19710081694	Investigation of electrochemical machining for explosive ordnance disposal trepanning operations Final summary report	1970
19710081696	Joining techniques for fabrication of high- temperature superalloy blades Quarterly report, 1 Oct. - 31 Dec. 1970	1970
19710081701	Individual acceptance test report, connector, cryogenic	1970
19710081729	The transition of research and development findings between the Office of Aerospace Research and the Air Force Systems Command	1970
19710081731	A study of electronic data processing applications to wing level aircraft maintenance analysis	1970
19710081736	Capacitor, fixed, ceramic, molded, lead mount, contractor Hi-Rel. Reliability verification test procedure, part no. 2760036, 2760119, 2760177, and 2760271	1970
19710081742	Reliability verification test 2760071	1970
19710081743	Qualification, transformer, Sage	1970
19710081746	Turbulent boundary layer on a rotating helical blade	1970
19710081748	A study of electron emission induced by the electric field of a laser beam and its application to techniques for measuring metallic work functions	1970
19710081752	Aerobee 150 NASA 4.285 CS /24 Nov. 1970/ - Meteorological data report	1970
19710081759	Evaluation of LM101F operational amplifier	1970
19710081765	Reliability verification test 2760071	1970
19710081777	Computer requirements and trade offs for on board space guidance and control systems	1970
19710081782	Oscillator, tuning fork	1970
19710081786	Design and application of the traversing infrared inspection system /TIRIS/	1970
19710081787	Radiation pyrometer for gas turbine blades	1970
19710081788	Coatings for potting of copper magnet coils	1970
19710081789	Radiation pyrometer for gas turbine blades	1970
19710081790	Status of MK 88 /POSEIDON/ module testing	1970
19710081791	Status of MK 88 /POSEIDON/ digital module testing	1970
19710081792	Status of MK 88 /POSEIDON/ digital module testing	1970
19710081793	Status of MK 88 /POSEIDON/ module testing	1970
19710081794	Status of MK 88 /POSEIDON/ module testing	1970
19710081795	Effect of interfaces in metal matrix composites on mechanical properties	1970
19710081820	Reliability verification test 2760411	1970
19710081821	Reliability verification test 2760404	1970
19710081825	Manual needle shutoff valves /2/ Dragon Valves, Incorporated P/N/DM38T	1970
19710081827	Evaluation of LM101AF operational amplifier	1970
19710081835	Research analysis of advanced sensors for turbine inlet gas temperature	1970
19710081836	Flight components, Athena H, thruster/power cartridge	1970
19710081837	Status of MK 88 /POSEIDON/ digital module testing	1970
19710081838	Data reduction for an upper air density measuring system	1970
19710081841	Ion implantation manufacturing processes for monolithic silicon circuits Quarterly interim progress report, 1 Sep. - 30 Nov. 1970	1970
19710081842	Ion implantation manufacturing processes for monolithic silicon circuits Quarterly interim progress report, 1 Mar. - 31 May 1970	1970
19710081850	Ion implantation manufacturing processes for monolithic silicon circuits Quarterly interim progress report, 1 Dec. 1969 - 28 Feb. 1970	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081852	Refinement and evaluation of rolling bearing lode life model Final report, 10 Jan. 1968 - 30 May 1969	1970
19710081856	Capacitor, fixed, ceramic, molded, lead mount, contractor Hi-Rel. Reliability verification test procedure part numbers 2760036 and 2760177	1970
19710081857	C-3 reliability verification test procedure part number 2760121	1970
19710081859	Reliability verification test 2760507	1970
19710081860	Reliability verification test part number 2760416	1970
19710081861	Reliability verification test 2760071	1970
19710081863	Linear pursuit-evasion games and the isotropic rocket	1970
19710081868	Qualification tests on resistors, variable, wirewound, military type RT 24, lead screw actuated trimming potentiometers	1970
19710081871	Resistor /trimmer/ wire-wound	1970
19710081874	Dynamic response of the Shrike missile during flight aboard A-4 F aircraft	1970
19710081875	Aerobee 170 NASA 13.26 /28 Sep. 1970/ - Meteorological data report	1970
19710081884	Reliability verification test for transformers	1970
19710081888	Reliability verification test 2760400	1970
19710081889	Reliability verification test 2760403	1970
19710081891	The storage and retrieval of technical data in long duration maintainable spacecraft	1970
19710081892	Information tests on batteries dry, mercury, type CSR-314 /RM640R/	1970
19710081897	The radiation field from the heat source of a Co 60 fueled radioisotopic thermal generator on the earth's surface and at various depths of penetration	1970
19710081904	Law guidance and control fast activate short- life thermal battery	1970
19710081917	Large scale integrated digital subsystems for communications Final report, 20 Jan. 1969 - 14 Apr. 1970	1970
19710081924	C-3 reliability verification test procedure, part no. 2760256	1970
19710081925	Operation of the DADS computer system for HERMES 2 /REBA calorimetry	1970
19710081928	Reliability verification test 2760405	1970
19710081929	Reliability verification test 2760406	1970
19710081934	Electron beam welding	1970
19710081935	Evaluation of engine wire candidates	1970
19710081938	Measurement of n-p charge exchange differential cross-section from 2-12 GeV/c	1970
19710081943	Reliability verification test 2760433	1970
19710081946	Recent trends in PWR technology and enrichment requirements	1970
19710081948	Study of radiation induced defects in metals Progress report, 1 Dec. 1969 - 16 Nov. 1970	1970
19710081951	Evaluation of clothing containing metal fibers	1970
19710081952	Research on new concepts in energy conversion Quarterly technical progress report, 1 May - 30 Jul. 1970	1970
19710081955	Nuclear spectroscopy Progress report, 1 Jan. - 31 Dec. 1970	1970
19710081972	Bathymetric and magnetic anomaly profiles from a survey south of Panama and Costa Rica /USC and GSS oceanographer August 1969/	1970
19710081977	Qualification of Texas Instruments diode array, flatpack	1970
19710081989	Fabrication of binderless graphite structures utilizing hot gas compaction techniques	1970
19710081996	Reliability verification test, part no. 2760382	1970
19710082022	Individual acceptance test report - Connector, cryogenic	1970
19710082030	Reliability verification test for transformers	1970
19710082033	Program STRETCH /Space Technology Requirements and Engineering Tests of Component Hardware/. Volume 5 - Computer systems study Final report, 1 Mar. - 30 Jun. 1970	1970
19710082037	PCM telemeter, type 1, part no. 1832200-1 and no. 1832500-1	1970
19710082038	Reliability verification test 2760408	1970
19710082039	Ion implantation manufacturing processes for monolithic silicon circuits Quarterly interim progress report, 1 Jun. - 31 Aug. 1970	1970
19710082046	Reliability verification test 2760407	1970
19710082047	Reliability verification test 2760412	1970
19710082051	Stress corrosion one year coupon test report	1970
19710082052	Radiation pyrometer for gas turbine blades	1970
19710082060	An interconnection between the UNIVAC 1230 and the IBM 360/91 computers for real time radar studies	1970
19710082066	Glass-ceramic substrates Final technical report, 2 Feb. - 10 Jul. 1970	1970
19710082073	Application of iron-aluminum base alloys to saline water conversion	1970
19710082075	Services provided in support of the planetary quarantine requirements of the National Space Administration Report, Jul. - Sep. 1970	1970
19710082080	Usefulness of circular electron accelerator for ultrahigh energies	1970
19710082081	PCM telemeter, type 1, part no. 1832200-1 and part no. 1832500-1, volume 2	1970
19710082109	Mechanical properties of 7075-T765, aluminum alloy extrusion	1970
19710082211	Spot welding, volume 2 A DDC bibliography, oct. 1941 - Jan. 1970	1970
19710082246	Lockheed safeguard core memory vibration and impact tests, case 27950-1100	1970
19710082247	Design of a 1000 MWe plant with gas turbine for a gas-cooled fast breeder reactor	1970
19710082249	Failure propagation by fission product gas release in fast reactors - The spread of gas between sub-assemblies	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082250	Deformation of nonirradiated high density graphite-filled containers in the presence of sodium	1970
19710082253	Computer processing of graphical information	1970
19710082254	A comparative study of the accuracy of exponential smoothing and single moving average forecasting techniques in forecasting Minuteman base reparable generations	1970
19710082255	Hypersonic stability and control characteristics of a delta-wing space shuttle orbiter	1970
19710082259	Corrections of satellite positions in near- real time	1970
19710082260	A note on the averages of the angle of elevation and range of a satellite due to the statistical properties of the ionosphere	1970
19710082267	Rapsodie - Control rod mechanism gripper deformation	1970
19710082294	External burning propulsion - A review /U/	1970
19710082310	Human engineering factors in aircraft maintenance job control rooms	1970
19710082311	VIMCOS 2 Plus - A game simulation of the aircraft maintenance scheduling problems	1970
19710082322	Pylon standardization as an aid to weapon system configuration control	1970
19710082324	Irradiation of annulus rods in BR-2 Mol 13 Design and specification report	1970
19710082325	Quality control of cans for fuel rods	1970
19710082327	XEBASS-2 - Equilibrium fuel cycle programme for continuously on-load refuelled high temperature reactors. Project Dragon	1970
19710082336	Military Airlift Capability Estimator /MACE/ 3 user's manual	1970
19710082338	Ionisation and acceleration of hydrogen clusters	1970
19710082339	The effect of heat treatment on the mechanical properties of U-2Mo and U-1Mo-7Nb-7Zr	1970
19710082340	Activity report, second quarter, 1970	1970
19710082341	Prototype fast reactor steam and water flow measurements	1970
19710082355	Amplitude and phase measurements across a 20km baseline using HF radio signals propagated via the F-layer of the ionosphere	1970
19710082376	Study of mechanism of tempering of a quenched U-2Mo alloy	1970
19710082384	Natural vibrations of a nuclear reactor grid	1970
19710082385	Fast reactor fault pressurization following a whole core meltdown	1970
19710082386	Fuels and Materials Division Progress report, 1 Jan. - 31 Mar. 1970	1970
19710082400	Wing roll control devices for transonic high lift conditions. Part 2 - Variable sweep configuration. Volume 2 - Appendices Final report, 25 Aug. 1969 - 30 Sep. 1970	1970
19710082404	Production qualification of MK 88 /Poseidon/ FBM fire control system digital modules	1970
19710082421	Comparative autoclave studies of alloy Nb-lw/oZr supplied by four manufacturers in pressurized water at 120 C and 1.2 atm	1970
19710082422	Studies on the creep rupture behavior of various cans of X8CrNiMoV Nb 1613 steel	1970
19710082424	Design and specification of the UC/PuC fuel rod irradiation test for FR-2 loop test group 4a	1970
19710082427	Irradiation of a UN pellet-type rod in the FR-2 /Project FR-2/77, HZ/14, KVE53/	1970
19710082452	The stage 2 macroprocessor user reference manual	1970
19710082459	[No Title]	1970
19710082460	CIRIS design study. Volume 2 - Radio reference system design Final engineering report, 2 Sep. 1969 - 24 Apr. 1970	1970
19710082461	CIRIS design study. Volume 3 - Performance analysis Final engineering report, 2 Sep. 1969 - 24 Apr. 1970	1970
19710082462	CIRIS design study. Volume 5 - Reliability analysis Final engineering report, 2 Sep. 1969 - 24 Apr. 1970	1970
19710082463	CIRIS design study. Volume 6 - Summary Final engineering report, 2 sep. 1969 - 24 Apr. 1970	1970
19710082480	The solution of the linearized equations of motion for autorotating bodies - Mass imbalance and trim misalignment effects Final report, Jan. 1969 - Jul. 1970	1970
19710082487	Congress of Czechoslovak geographers in Olomouc 11th	1970
19710082501	Flight Reference and Stabilization System /FRSS/ performance improvement study Final report, 21 Jun. 1966 - 15 Aug. 1970	1970
19710082527	Surveillance studies of LMH-1 /U/ Final technical report, 1 Jan. 1967 - 31 Dec. 1969	1970
19710082536	Pave Scope /U/	1970
19710082537	Low speed fuel-air-explosive fuzing development program /U/	1970
19710082538	Redeye weapon system /U/ Cost and technical information report	1970
19710082570	Optical scattering diagnostic technique hypersonic arc flows Final technical report, 15 Jun. - 10 Oct. 1970	1970
19710082609	Radar surveillance set AN/APS-94D /U/	1970
19710082610	Chaparral weapon system /U/	1970
19710082621	Diffusion of sound waves by the sea surface	1970
19710082638	Contributions to the methodology of water surface temperature measurements using infrared radiation thermometers	1970
19710082639	Targets for neutron generators	1970
19710082725	Subsonic, transonic, and supersonic stability and control characteristics of a delta-wing orbiter	1970
19710082734	Multidimensional transient flow interactions between two materials. Volume 1 - Algorithm for numerical solution and shock tube experimental studies Final report	1970
19710082760	Development and application of computer programs related to hypervelocity impact Annual report	1970
19710082761	Status of MK 88 /POSEIDON/ module testing	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082765	Grain integrity evaluation of the Thiokol TE-M-521 solid motor	1970
19710082770	Heat transfer between a free level of liquid sodium and a metal wall, through an inert gas	1970
19710082787	Some research centers for plasma physics and solid state physics in the Netherlands and Belgium. Part 1 - The Netherlands	1970
19710082799	Management and technical guidelines for participation in a nuclear simulation test Technical report, Aug. 1968 - Jun. 1970	1970
19710082808	Status of MK 88 /POSEIDON/ module testing	1970
19710082820	Qualification tests variable resistors, nonwire-wound, lead screw actuated, style RJ-24	1970
19710082827	Hypersonic stability and control characteristics of a delta-wing orbiter	1970
19710082833	Photon counting and Laguerre detection theory	1970
19710082853	Vendor qualification	1970
19710082869	A chopper and detector system for a molecular beam	1970
19710082888	Design of the Completely Integrated Reference Instrumentation System /CIRIS/. Volume 3 - System performance and design requirements, general specifications Final report	1970
19710082889	Design of the Completely Integrated Reference Instrumentation System /CIRIS/. Volume 4 - Acceptance test procedures Final report	1970
19710082891	Armament Development and Test Center technical facilities. Volume 1 - Range instrumentation systems and technical support facilities	1970
19710082893	An analysis of the impact of the C-5 on the tariff structure of the airlift service industrial fund	1970
19710082894	Least squares technique for the location of hydrophones using Vanderkulk survey data	1970
19710082898	A report of activities for the year 1969	1970
19710082903	Chemistry research and development Quarterly progress report, Oct. - Dec. 1969	1970
19710082906	Subterranean radio telemetry system for earth motion data acquisition	1970
19710082907	Proposal to reinsert PNL-2-5 and PNL-2-13 fuel pins in EBR-2	1970
19710082920	Airborne surface temperature measurements of the sea	1970
19710082921	A Monte Carlo program for calculating neutron and photon transport through ducts	1970
19710082924	CIRIS design evaluation	1970
19710082926	Short report on extinguishing research in Esbjerg, denmark, 19 and 20 November 1969	1970
19710082929	Advanced materials for aircraft propulsion systems. Phase 1 - Investigation of corrosion resistant coatings for service at 3000 F and above Final report, 5 Jan. - 5 Aug. 1970	1970
19710082949	Introduction to integrated logic circuits	1970
19710082950	Problem solutions in automation	1970
19710082954	Ozone dissociation in aircraft air conditioning systems with special reference to Concorde	1970
19710082955	Design of the Completely Integrated Reference Instrumentation System /CIRIS/. Volume 1 - System design Final report	1970
19710082956	Electronics and Applied Physics Division Progress report, 1 Jan. - 30 Jun. 1970	1970
19710082957	Applied Science Division Progress report, 1 Oct. - 31 Dec. 1970	1970
19710082958	Temperature transients in PFR during fault conditions. Part 1 - The intermediate heat exchangers	1970
19710082960	Antiballistic missile systems - Nuclear physics aspects	1970
19710082962	A study of the stability and forced oscillations of non-linear sampled-data systems using the Mitrovic method	1970
19710082963	Measurements in low speed flow of unsteady pressure distributions on a rectangular wing with an oscillating control surface	1970
19710082964	Apparatus Sea Rescue type A /Lindholme/ Mark 4 - Behaviour and performance during Nimrod carriage and release trials	1970
19710082995	Energy distributions of ions from the anode plasma of a pulsed vacuum arc	1970
19710082997	Description of three major thermochemistry decks used with the CMA program, volume 1	1970
19710082998	Nylon antistatic samples submitted in reply to RFP solicitation	1970
19710083000	Magnetic effects in force feedback accelerometers	1970
19710083008	Gurney energy of explosives - Estimation of the velocity and impulse imparted to driven metal	1970
19710083010	Air-compensated impulse source	1970
19710083037	Static electricity test on plastic sheeting	1970
19710083043	Impulse equations for rocket sled velocity calculations	1970
19710083047	APCO dome loaded regulator, part no. 1354X1036	1970
19710083049	Altitude chamber fluorescent fixture ballast evaluation	1970
19710083059	Meteorological observations in Canada, 1 December 1970 and supplement Monthly record	1970
19710083063	Grove dome loaded regulator, P/N VM-13947-W, gross leakage, grove valve, 26505	1970
19710083064	APCO dome load regulator, P/N 1355 bx 1006, S/N 134 and 271 and 101, 139, 169, and 230 Seat leakage, Acces Prod H4 code 96124	1970
19710083067	Timing pens, P/N's 17428-0001 and -0002, from 3 Texas Instruments strip chart recorders, Servowriter 2	1970
19710083070	Tubing assemblies, including unions, sleeves and tubing	1970
19710083073	Qualification test report Deutsch Company junctions and junction devices	1970
19710083130	Investigation of the unstable rupture of the primary coolant piping for the experimental fast reactor JOYO	1970
19710083131	Creep rupture and creep behavior of inconel 718	1970
19710083132	Topography of the fracture surface of some uranium alloys	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083196	The fatigue test failures of a pressurized fuselage /Britannia type 100/	1970
19710083197	Bridge emplacement trials using Sea King HAS Mk1 XV 373, phase 1	1970
19710083199	High temperature trials of a Sea King helicopter in the A/AEE environmental hangar	1970
19710083220	Reversion resistance of polyurethane cable potting compounds	1970
19710083221	Effects of selected lubricants on the kinetic friction of Koroseal on 316 stainless steel	1970
19710083239	Operations Division Progress report, 1 Oct. - 31 Dec. 1970	1970
19710083241	Effect of lightning strikes on boron-epoxy single skin and honeycomb sandwich panels	1970
19710083243	Spall fracture and dynamic response of materials. Part 2 - Experimental studies	1970
19710083248	Telecommunication channel units in the ISEP construction system	1970
19710083258	Performance evaluation of liquid fuels for external burning Final report	1970
19710083267	Electrocatalysis of oxygen reduction by the tungsten bronzes Semiannual report, 1 Mar. - 31 Aug. 1970	1970
19710083283	User's manual for chart D	1970
19710083288	Marotta manual regulators /2/, hydraulic, P/N 219004-B155. Flow restriction	1970
19710083350	Solid state oscillator/multiplier RF power sources Final technical report, 26 Jan. 1967 - 17 Aug. 1970	1970
19710083357	Determination of Yuma Proving Ground mobility test areas and a procedure for the comparison of world's deserts Final report	1970
19710083358	Semi-empirical method for the optimal description of the adsorption-equilibrium	1970
19710083359	Errors inherent in chaff centroid tracking	1970
19710083390	Infrared parametric upconverter study Interim progress report, 12 May 1967 - 12 Feb. 1970	1970
19710083401	The attenuation of the coefficient of friction of boundary layer flow of viscoelastic fluids, part 2	1970
19710083405	Technical and scientific colloquium concerning the central station of the German ground station system Z-DBS	1970
19710083445	Optimization of fuel selection for external burning applications Final report	1970
19710083470	Development of a method of determining the oxygen content of high temperature refractory metals by neutron activation analysis	1970
19710083484	Procedure for the prediction of the geographic region and time duration of radio frequency interference to orbiting receivers Final report	1970
19710083485	A primer on the electromagnetic compatibility analysis culling procedure	1970
19710083504	The attenuation of the coefficient of friction of boundary layer flow of viscoelastic fluids. Part 1	1970
19710083554	Development of thermionic converters Quarterly progress report	1970
19710083592	The influence of upstream lateral jets on aerodynamic surfaces	1970
19710083599	Matrix parallel processor study Final report	1970
19710083992	Development of flameproof fibrous material for space station applications Final report	1970
19710084017	CH-54 helicopter system	1970
19710084023	Development of a multicopy readout SEC camera tube Final technical report, 24 Jun. 1969 - 24 Sep. 1970	1970
19710084041	Visual flight simulation with image storage of high information density	1970
19710084049	Advanced Projects and Reactor Physics Division Progress report, 1 Oct. - 31 Dec. 1970	1970
19710084054	In process control techniques for complex semiconductor structures Final technical report, 15 Mar. 1968 - 15 Jan. 1970	1970
19710084076	Night observation device long range, 1-1/2 generation tripod mounted, AN/TSS-7 Final technical report, May 1968 - Jul. 1970	1970
19710084185	Nike-Apache NASA 14.458 /20 November 1970/ Meteorological data report	1970
19710084192	Advanced FLIR fire control system study /U/ Final report	1970
19710084203	Marine tactical data system antenna study /U/ Final engineering report	1970
19710084209	Resistor, fixed, Vishay 0.3 watt S-102	1970
19710084257	Advanced microwave communications techniques study. Task reports nos. 2 and 3 - Identification of problem areas in tactical microwave communications systems and study of applicable technologies	1970
19710084272	Diffusion bonding of low alloy high strength steel	1970
19710084273	Unconditional stability in numerical time integration methods	1970
19710084275	Second source evaluation diodes, 1N695, TI no. 594617	1970
19710084288	Sensitive switch	1970
19710084294	Vostron printed wiring board, multilayer, SCD no. 2621995	1970
19710084296	General Components, Incorporated printed wiring board, multilayer, SCD no. 2621952	1970
19710084297	Raytheon Company printed wiring board, multilayer, SCD no. 2621952	1970
19710084371	Aircraft and pilot performance in dive bombing /U/	1970
19710084383	Literature review Semiannual letter report no. 7	1970
19710084395	Vostron printed wiring board, multilayer, SCD no. 2621952	1970
19710084412	Advanced microwave communications techniques study - Critical review of the existing tactical microwave communications study Task report no. 1	1970
19710084413	User's guide to rotor/propeller analysis program	1970
19710084414	The utilization of a time sharing computer to measure the water travel required to obtain a given metal travel with focused ultrasonic transducers	1970
19710084446	Report on the management of miscellaneous metalworking materiel	1970
19710084462	Component feasibility and sensitivity study of sliding rotor impact initiating adaptation for the M125A1E4 booster S and A module	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084468	Qualification of IH/ADP transformer, audio	1970
19710084469	Qualification of pulse engineering, pulse transformer	1970
19710084486	US Air Force accident bulletin, 1970	1970
19710084489	An investigation to determine the feasibility of using fluidic devices to improve the performance of artificial feel systems Final report	1970
19710084506	Design and evaluation of a tape position control system for a boron composite tape laying machine	1970
19710084524	Busy Hour model user's manual Final report	1970
19710084525	Development of the Autodin simulator /Ausim/ design report	1970
19710084535	Advanced ICBM stage one thrust vector control design and performance study /U/ Technical report, Sep. 1969 - Mar. 1970	1970
19710084540	LANCE boost phase analog simulation program, part 1	1970
19710084545	Feasibility and engineering study for a new power source for mechanical time fuzing, phase 1	1970
19710084546	General Electric Company relay 3SBC1006A2 Qualification test report	1970
19710084547	The conceptual design of a time-division multiple-access system for the defense satellite communications system Final report	1970
19710084548	Production engineering of ferrite cores for RF application Final report, Jul. 1969 - Jun. 1971	1970
19710084589	CB field test prediction trials /BC-412, phase C/	1970
19710084591	Guidelines for the preparation of a meteorological monograph series Final report	1970
19710084593	Determination of the thermophysical properties of solid hydrogen and oxygen	1970
19710084617	Low frequency receiver field tests Final report	1970
19710084619	Extended life assembly process evaluation for thermoelectric coolers Final technical report	1970
19710084620	New techniques for the time-dependent computation of transonic flow	1970
19710084646	Lance boost phase analog simulation program. Addendum 1 - Pulse ratio modulation control system	1970
19710084655	Airborne moving target indicator processor for a variable parameter terrain avoidance radar system Final report, Jul. 1969 - Nov. 1970	1970
19710084687	Storage allocation processes in VULCAN	1970
19710084689	Report on interservice and interdepartmental support, volume 1	1970
19710084690	Report on interservice and interdepartmental support, volume 2	1970
19710084695	Materiel management optimization /MATMOP/. Volume 1 - Analysis	1970
19710084696	Materiel management optimization /MATMOP/. Volume 2 - Analysis	1970
19710084697	Materiel management optimization /MATMOP/. Volume 3 - Statistical appendices	1970
19710084704	Recently developed inorganic heat resistant fibrous materials	1970
19710084731	Time dependent calculation of subsonic flow over aircraft aft-end configurations	1970
19710084736	Current carrying capacity of aerospace wires	1970
19710084737	Stress corrosion thermocycling evaluation	1970
19710084738	Stress corrosion two year propellant immersion tests	1970
19710084758	Utility Tactical Transport Aircraft System /UTTAS/ cockpit configuration study Final report, 1 Jul. - 31 Dec. 1969	1970
19710084854	Brightness limiting power supplies for image intensifier tubes /U/ Final report	1970
19710084901	Testing of hypervelocity heat shields for resistance to particle impact erosion /U/ Final report, 1 May - 31 Oct. 1970	1970
19710084983	Impact of increased NERVA reactor-engine testing on radiological safety /U/	1970
19710085050	Preliminary lesson plans for operators of the far infrared target indicator /FIRTI/, surveillance set infrared AN/VAS-1-1 /-5/	1970
19710085060	Canadian upper air data Monthly bulletin, Oct. 1970	1970
19710085061	Canadian Arctic ice summary and analysis 1968	1970
19710085062	Canadian upper air data Monthly bulletin, Nov. 1970	1970
19710085064	A report on recent research	1970
19710085070	Pressure distributions on planar delta wings attached to cylindrical bodies in supersonic flow. Part 3 - Theoretical results for sonic leading edge, angle of attack case	1970
19710085079	Canadian upper air data Monthly bulletin, Dec. 1970	1970
19710085080	Meteorological observations in Canada Monthly record	1970
19710085081	Meteorological observations in Canada Monthly record, Oct. 1970	1970
19710085090	Theory of propeller forces in a turbulent atmosphere	1970
19710085096	Elementary review of the Veneziano model generalized to multi-particle reactions	1970
19710085097	Non-linear radar beam divergence and the radar equation	1970
19710085098	The chemical composition of the solar atmosphere	1970
19710085099	The 1970 Mercury transit used as a test of the correction method for scattered light	1970
19710085104	Evaluation of CAO baroclinic QPF for the Atlantic provinces Technical memo, 1 Apr. - 30 Jun. 1970	1970
19710085112	Numerical treatment of a two point boundary value problem	1970
19710085113	A special class of Jacobi series and some applications	1970
19710085114	Admiralty baffle research panel. Part 2 - The effect of surface compliance upon acoustic radiation	1970
19710085115	A report on the testing of stabilized soil airfield pavements, 1955 - 1960	1970
19710085116	Study of organic barrier layers for plastic encapsulated integrated circuits, CVD research project RP6-54 Final annual report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085121	The analysis of measurements of cooling from induced hyper hyperthermia in man	1970
19710085123	Admiralty baffle research panel. Part 3 - Baffle impedance conditions Final report	1970
19710085124	Proposed new design procedures using the CBR method for military roads and airfields. Part 1 - Design and assessment nomogram for military roads. Part 2 - Design method for temporary airfields /surfaced and unsurfaced/	1970
19710085125	The design of airfield mat	1970
19710085126	A comparison of some models for multidimensional similarity	1970
19710085130	Chemical analysis of high burn-up of PuO ₂ fuel. 1 - Methods	1970
19710085133	Discovery Cruise 34, 2-26 June 1970 - Air-sea interaction observations near Weather Station J /JASIN/ and trial moorings on the continental slope	1970
19710085141	One step methods for linear initial value problems. 1 - Polynomial methods	1970
19710085146	Cooled-film anemometer - Sensor open loop response	1970
19710085156	Solutions of the equation of Helmholtz in a quarter plane with an oblique boundary condition	1970
19710085157	Study of deposited insulating layers on silicon, CVD research project RP1-55 Annual report	1970
19710085158	Diffusion techniques for integrated circuits, CVD research project RP1-59 Annual report	1970
19710085165	A dual resonance model for the kaon/plus/ kaon/minus/ proton antineutron pion/minus/ system with application to the reactions kaon/plus/ proton yields kaon/plus/ pion/plus/ neutron, kaon/plus/ neutron yields kaon/plus/ pion/minus/ proton and kaon/minus/ neutron yields kaon/minus/ pion/minus/ proton	1970
19710085170	On stability. Part 4 - Nonlinear differential equations	1970
19710085171	Derivation of kinetic equations of a plasma using a multiple time and space scale method	1970
19710085172	Theoretical calculation of intensities and transmission loss in the ocean	1970
19710085173	Absence of discrete absorption clouds below the galactic plane in the galaxy cluster area 0024 and 1654	1970
19710085178	Scattering by a rigid inertial screen Part 6 of final report	1970
19710085190	Civil Aircraft Airworthiness Data Recording Programme - A study of stall margins during the landing approach on a current turbojet transport aircraft	1970
19710085212	Hydrogen-oxygen APS engines Quarterly progress report, Oct. - Dec. 1970	1970
19710085294	Design, development, and fabrication of shaft angle to digital encoders to applicable portions of MIL-E-81512 Final report, 20 Jun. 1969 - 20 Jun. 1970	1970
19710085307	The interaction between hydraulic fluids and metals suggested for pipe systems	1970
19710085325	Programming - Introduction to PL/1 language	1970
19710085428	On the evaluation of functions for digital map matching	1970
19710085442	Comments on background level of digital correlation functions Technical report, Jan. - Jul. 1970	1970
19710085453	Some effects of rotational error on various correlation functions using two and four level clipping Technical report, Aug. - Sep. 1970	1970
19710085512	The distortion produced by embedded thermocouples	1970
19710085520	Tacsat 2 terminal parameter study, part 1 Final report	1970
19710085522	Synthesis involving organometallic and organometalloidal compounds containing polyfluoro and polychloro substituents, part 7 Annual technical report, 15 Dec. 1969 - 15 Dec. 1970	1970
19710085547	Production engineering measure for high voltage aluminum high reliability electrolytic capacitors Quarterly report, 1 Apr. - 30 Jun. 1971	1970
19710085576	High purity silicon manufacturing facility Interim technical report, 1 Jan. - 31 Mar. 1970	1970
19710085651	Civil Aircraft Airworthiness Data Recording Programme - A study of stall margins during the landing approach on a current turbojet transport aircraft	1970
19710085660	On the constant moment plate bending element	1970
19710085698	Underwater acoustic noise source correlation at bottom mounted hydrophones /U/	1970
19710085711	Refinement of silicone insulation application process	1970
19710085713	Qualification report for microelectronic device, switch pair per BuWeps drawing 2808574	1970
19710085735	Environmental qualification test report, squitch assembly, ECP 524	1970
19710085739	The properties of polyvinyl alcohol, determined through differential thermal analysis and gravimetric thermal analysis	1970
19710085820	Survey of optical test procedures for aircraft transparencies	1970
19710085828	Precision scanner-plotter for image conversion Final technical report, Jul. 1969 - Dec. 1970	1970
19710085896	Aerovox ceramic capacitor, SCD no. 2621496-1	1970
19710085903	Guide to noise hazard evaluation	1970
19710085912	Low speed pull-up manoeuvres for a slender wing transport aircraft with stability and control augmentation	1970
19710085955	Component evaluation test, relay	1970
19710085985	Calibration value /GN2/ located in LH2 blanket panel Flow restriction Futurecraft P/N 90625-3	1970
19710085990	Babcock relays, relay BR19-S333 Qualification test report	1970
19710086000	Reliability verification test procedure part numbers 2760036, 2760119, 2760177 and 2760271	1970
19710086016	The credibility of reliability men and numbers	1970
19710086022	A new technique for nonlinear target motion analysis estimation	1970
19710086040	Integrated circuit, hybrid, dual amplifier	1970
19710086058	A model for eddy conductivity and turbulent Prandtl number	1970
19710086192	In flight simulation requirements for future fighter aircraft /U/ Final report, 1 Jan. - 31 Jul. 1970	1970
19710086279	A practical high performance airborne sound insulation system using alternate massy and compliant layers	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710086361	Project Secede - Study of high density atmospheric enhancement	1970
19710086380	Service test of extraction force transfer coupling platform Final report, May 1969 - Aug. 1970	1970
19710086386	Remote Raman detection studies, volume 1 Final report, Jan. 1969 - Dec. 1970	1970
19710086408	Nonaqueous ammonia universal power source for artillery shell telemeter systems Final report, 24 Aug. 1967 - 31 Oct. 1970	1970
19710086409	Technical data package for the G2601 and G2601B-1 contour power supply	1970
19710086472	Design Data Book - Airlock, 10 December 1970	1970
19710086483	Rocket sled test unit program for a high speed impact Fuel- Air Explosive /FAE/ weapon system /U/ Final report, 5 Dec. 1969 - 4 May 1970	1970
19710086598	Float switch, Revere Corporation, P/N F-73465, hydraulic charging unit reservoir level indicating assembly. /Revere H4-50625/	1970
19710086606	Qualification report for semiconductor, transistor, general purpose, per BuWeeps drawing 1820959	1970
19710086617	Evaluation on CRC formula 3.36 corrosion preventive compound	1970
19710086618	Pressure switches /2/, Century Electronics, P/N 80C542, NASA P/N 75M12885	1970
19710086619	Ball valve, Flodyne Controls, Incorporated, pilot operated, double solenoid, P/N 15C150. GN2 solenoid leakage	1970
19710086620	1/8 inch manual selector valve used in industrial water fogging nozzle control, Claval Model CM1 B3-4 /H-4 c0de - 80184/	1970
19710086680	The incidence of fog at Vancouver International Airport	1970
19710086732	Design Data Book - Airlock, 29 October 1970	1970
19710086781	Qualification of fifty /50/ fuze triggering devices P/N 2603907 submitted by Superior Manufacturing	1970
19710086786	Reliability verification test 2760425, 2760426, 2760427	1970
19710086797	Design and development of an aircrew CB protective kit Final report, 11 Sep. 1969 - 30 Sep. 1970	1970
19710086798	Twelve inch Burst Disc Assemblies, BDA-1 and BDA-2, Lh2 system /fike metal products, H-4 - 06370/, supplement	1970
19710086800	Shock and vibration tests of 15 G accelerometers, Inertia Switch Company., SR-355A	1970
19710086804	Qualification test report for regulator, voltage RGK-13/A3767 /Electro-Pacific/ Final report	1970
19720002352	Fast neutron spectrum in the analysis reflector of a swimming pool reactor behind metallic slabs	1970
19720002586	Slip flow in one-dimensional gas centrifuges	1970
19720002720	Calibration of a three crystal NaI pair spectrometer	1970
19720002721	Construction of a three crystal scintillation pair spectrometer	1970
19720002722	A hodoscope based on small photoelectron multipliers, FEU-85	1970
19720002727	Magnetic spectrometer of missing masses	1970
19720002896	High-pressure cycle for CO2 with a supercritical base pressure combined with a sodium-cooled fast breeder (Na/CO2 project)	1970
19720002901	Burnup determination through irreversible mixing of activatable isotopes with fuel	1970
19720002902	Aromatic hydrocarbons as potential source of diluents for nuclear fuel reprocessing technology. Radiolytical and chemical stability	1970
19720002905	Determination of neutron fluxes in the MR reactor loops and materials-testing channels	1970
19720002906	Extending the experimental capabilities in reactors of the IRT type	1970
19720002907	Methods of testing structural materials in the MR reactor	1970
19720002913	Testing experimental fuel assemblies for power reactors in the MR reactor (experimental procedures and some results)	1970
19720002916	Proposal for installation of an anti-compton spectrometer for neutron capture gamma ray spectroscopy	1970
19720002919	Results of the calculation for a standard fast reactor	1970
19720002962	High-energy scattering of charged particles and Bethe formula	1970
19720002965	Activation analysis of oxygen with the aid of tritium	1970
19720002966	Angular distribution in the beta decay of Xi(minus) hyperon	1970
19720002970	Neutron-rich isotopes of light elements produced in transfer reactions with heavy ions	1970
19720002971	The use of nuclear polarization in neutron scattering and transmission measurements	1970
19720002974	Development of a four crystal monochromator and a rotating miniature collimator for neutron spectroscopy	1970
19720002975	Measurement of continuous fast neutron spectra by scintillation technique	1970
19720002990	Compilation of cross sections. 2: Antiproton induced reactions	1970
19720002992	Relative K-capture probability in the unique first forbidden decay of Sm-145	1970
19720002993	Levels of Th-230 and U-230 fed in the decay of PA-230	1970
19720002997	Effect of gamma radiation on sorption properties of isomorphous calcium barium sulphate: A selective sorbent for Sr ions	1970
19720002998	Cyclotron equipment and radioactive studies	1970
19720002999	Investigation of radiation detectors obtained by ion implantation	1970
19720003000	Response of impurity activated alkali halides scintillators to ionizing particles	1970
19720003002	Exoelectron emission from calcium sulphate doped with different concentrations of Sm, Mn, Pb	1970
19720003005	Investigation of high-multiplicity events in kaon(minus) proton interactions at 3.9 GeV/c. Goldhaber effect	1970
19720003006	Ion-optical properties of focusing parabolic spectrograph suitable for the separation of nondecelerated fission products	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720003007	Study of the pion (plus) proton yields rho(0) meson Delta hyperon Delta (plus plus) hyperon reaction at 11.7 GeV/c	1970
19720003008	Scattering of pi-mesons by C-12 near the (3/2,3/2,) pion-nucleon resonance	1970
19720003009	DEMETERA program set for calculating problems of neutron thermalization in the one dimensional cell of a heterogeneous reactor by the quasi diffusion method	1970
19720003091	Electromagnetic modes of particles trapped in multipoles	1970
19720003138	Measurement of the elastic moduli of beryllium by an ultrasonic resonance technique	1970
19720003191	Absence of discrete absorption clouds below the galactic plane in the galaxy cluster area 0024 plus 1654	1970
19720004508	Charge-sensitive preamplifiers with dynamic load resistance (bootstrap configuration)	1970
19720004510	Multi micro beams for ion implantation	1970
19720004535	Pressure variation system of a 4.5 meter bubble chamber	1970
19720004536	Horizontal air shower trigger system by fast timing method	1970
19720004542	System of slow targeting of accelerated beam on the internal targets of 70 geV accelerator	1970
19720004548	Equipment for studying the long-term stability of structural materials under irradiation	1970
19720004740	Automatic analysis of gamma spectra with a junction detector	1970
19720005042	Study of the fluctuations of the dimensions of a beam in circular accelerators when calculating the forces of the space charge	1970
19720005045	Characteristics of the accelerated proton beam at the 70 GeV accelerator	1970
19720005065	Sources of multicharged ions. Summary of the 14th All-Union Conference on Emission Electronics, Tashkent, May 1970	1970
19720005067	Effects of radioinduced defects on certain mechanical properties of materials	1970
19720005101	Studies of plasma turbulence by means of charged particle beam	1970
19720005103	Conductivity at high frequencies of a completely ionized plasma with ion-ion correlations	1970
19720005122	Influence of lattice defects on backscattering of protons and helium ions from niobium single crystals	1970
19720005573	Electron Interactions with Local and Resonant Mode Phonons in Metal Insulator Semiconductor Tunnel Junctions	1970
19720005596	Calculation and the model investigation of the stressed state of the bubble chamber body skat	1970
19720005963	Tests of T-invariance of the electro-magnetic interactions	1970
19720005995	Measured differential cross sections for elastic and inelastic scattering of 104-MeV alpha particles	1970
19720006038	Plasma formation, heating, and stability in a cusped magnetic field by injection of a 20 keV hydrogen ion beam	1970
19720006382	Eole Baloon: Summary of principal tests performed on batteries for the Eole balloons	1970
19720006383	Eole balloon solar generators	1970
19720006397	Schedule-independent factors contributing to schedule-induced phenomena	1970
19720006591	Field dependent resistance and field limiting phenomena in superconducting high frequency resonators	1970
19720006978	Investigation of the problem of characteristic value and nonnegative solution of a general stationary transport equation	1970
19720007043	Investigation of beam guides and stability of particle movement in accelerators and storage rings with rigorous consideration of a coupling of the betatron oscillation	1970
19720007055	New method of spectral analysis	1970
19720007087	Isotope generators: New developments, improvements, testing of commercial generators	1970
19720007183	Investigation of bright sources of far infrared radiation	1970
19720007245	Experiment module concepts study. Volume 5, book 2, appendix B: Commonality, appendix C: Maintainability	1970
19720007534	CAMP: Computer aided measuring projector for bubble chamber photographs	1970
19720007562	Multitube generating bank	1970
19720007597	Selection of an optimal cooling system for superconducting magnets	1970
19720007718	Atmospheric dilution factors and calculation of doses in the environment of SCK/CEN Mol for short and long duration stack discharges, volume 1	1970
19720007719	Atmospheric dilution factors and calculation of doses in the environment of SCK/CEN Mol for short and long duration stack discharges, volume 2	1970
19720007831	High speed electro-magnetic valve	1970
19720008004	Reproducibility and accuracy in mass-spectrometric analyses of uranium compounds by thermal ionization	1970
19720008005	ESR and ENDOR study of the hydrogen bond properties. Behavior of the gamma induced radicals in hydrogen bonded crystals having protonic conductivity: Imidazole and triazole	1970
19720008077	Cosmic ray records, Mawson 1968	1970
19720008078	Studies of the sidereal daily variation of cosmic ray intensity with particular reference to observations at 40 mwe underground	1970
19720008260	On the nonexistence of peak and minimum boiling heat fluxes at low gravity	1970
19720008263	Semi-empirical theory of the heat exchange crisis during channel boiling	1970
19720008423	Compatibility of Zr-2.5 percent Nb/Na at 400 C	1970
19720008511	Pulse generator of megavolt capacity	1970
19720008567	Kinetic theory of flow between rotating cylinders: The gas centrifuge	1970
19720008695	Radiographical control of thickwalled welds and castings by using of betatron	1970
19720008790	Metal fiber reinforced ceramics (A Review)	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720008791	Thermal annealing of neutron-irradiated carbon. Development of electronic properties	1970
19720008905	Experimental determination of the basic characteristics of spatially periodic magnetic configurations	1970
19720008906	Institute of Theoretical Physics Annual Report, 1970	1970
19720008932	Study of sensitivity variation of neutron counters in variable gamma-fields	1970
19720008943	Fast neutron irradiation induced swelling of metals and alloys	1970
19720008950	Nilsson Hamiltonian on an asymptotic basis	1970
19720008962	Experimental study of ion-cyclotron instabilities of a plasma produced by a fast ion beam	1970
19720008963	Shell structure in a plasma	1970
19720008964	Radial motion of plasma in theta pinch	1970
19720008965	On the effect of wave field pressure on longitudinal oscillations in a plasma	1970
19720008966	Effect of high-frequency potential on the propagation of fast waves along a magnetoactive plasma layer	1970
19720008967	On the theory of the transformation of surface waves into longitudinal oscillations in the surface layer of a plasma wave-guide	1970
19720008968	On the transformation of electromagnetic waves into longitudinal oscillations in a nonhomogeneous plasma in the presence of an ideally conducting surface	1970
19720008969	Study of the turbulence and heating of a plasma with a transverse current	1970
19720008971	Saturation and damping of echoes of electron plasma waves	1970
19720008978	Basic steady state magnetic "screw"-field distributions in plasma between concentric boundaries	1970
19720008979	Calibration of the silver activated counters on a plasma focus experiment	1970
19720009015	Growth of crystals in thorium oxide gel	1970
19720009124	The Effects of Payload Penetration and Various Analytical Models on the Design of a Spherical Crushable Casing for Landing Energy Absorption	1970
19720009175	A Discussion of Pyrotechnic Shock Criteria	1970
19720009176	A Summary of Pyrotechnic Shock in the Aerospace Industry	1970
19720009182	Analysis of Projectile Impact on Composite Armor	1970
19720009248	Dynamic deflections of multi-span guideways under high speed, air cushion vehicles	1970
19720009251	Bounds for the Response of a conservative system under dynamic loading	1970
19720009261	Dynamic stress analysis in a stratified medium	1970
19720009263	Eggshelling and vibrations of a high speed shaft with NASTRAN analysis	1970
19720009293	Crisis of heat transfer in pipes	1970
19720009538	Electron sychrotron operation and experiments	1970
19720009638	Predictions of the occurrence of ionospheric spread F at Nui Dat	1970
19720009785	Construction and calibration of a hydrogen proportional counter for energy and flux measurements with monoenergetic neutrons between 100 and 500 keV	1970
19720009841	Review on laser produced plasmas	1970
19720009862	Measurement device and numerical analysis of electrical resistivity from 4 to 300 K. Application to niobium-hafnium alloys	1970
19720010159	Instability in temperature anisotropy of a collisionless plasma. Linear description and quasilinear evolution	1970
19720010160	Static behavior and instabilities of the Cs plasmas produced by contact ionization in sealed tubes	1970
19720010161	Example of the magnetic line-typing effect on the flute instability	1970
19720010165	Role of ion sound during electron cyclotron heating	1970
19720010167	Fusion devices for plasmas rotating at super critical velocities	1970
19720010168	Division of Plasma Physics and Fusion Research	1970
19720012426	New method of dose evaluation by spectrum dose conversion operator and determination of the operator	1970
19720012560	Variation of the oscillation amplitudes of linear oscillators crossing the second-order resonance	1970
19720012592	Electronic time relays with time-generating RC circuits with the delays from 1 to 10 seconds	1970
19720012611	Beam monitoring system used at the Lund electron synchrotron	1970
19720012612	Special features of the high frequency system of a synchrocyclotron at 1-GeV proton energy	1970
19720012768	Study on the wide gap spark chamber with a low supply tension	1970
19720012769	Functional principles of a modulating analyzer for bubble chamber pictures	1970
19720012830	Electromagnetic radiation coherence role in gas photoionization and radiation scattering in focusing a laser beam	1970
19720012966	Stability of single-turn coils in pulsed magnetic fields up to MGs	1970
19720012967	Ironless and iron-conductor magnets and lenses with thick windings for accelerators	1970
19720012970	Study of the influence of a magnetic field on the behaviour of electrostatic separators	1970
19720012973	Structure of a wave-function and wave model of the world	1970
19720012997	Exchange mechanisms in three body K(+) p collisions	1970
19720012999	Contribution to the selection of radioactive tracers for hydrology	1970
19720013023	Nuclear physics and chemistry research	1970
19720013050	Amplitude of electron plasma wave echoes	1970
19720013058	Plasma commutator for high-power pulsed circuits	1970
19720013060	Nonlinear theory of relaxation of monoenergetic beams in plasma	1970
19720013652	Shock tube for optical studies on an argon plasma	1970
19720014032	Preliminaries to extracting information from dosimetric films	1970
19720014573	Electrostatic condensers in vacuum, review	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720014668	Investigation of the acceleration regime in a linear ion accelerator by means of a spectrometer with fixed tuning	1970
19720014669	Proton linear accelerator with smooth regulation of energy of accelerated particles from 3 to 9 MeV	1970
19720014813	Calculation of the characteristics of a magnetic missing-mass spectrometer	1970
19720015061	Phase stability of the motion of many bunches in charged particle storage device	1970
19720015062	Lifetime of ions in the Tokamak-3 device	1970
19720015070	Investigation of plasma heating in a strong variable electric field	1970
19720015071	Propagation of frequency-modulated electro-magnetic waves through cold plasmas: Associated nonlinear effects	1970
19720015093	Isotope effect of the superconductors cadmium, molybdenum, and zirconium, 1. The pressure effect of several superconducting elements, 2	1970
19720015631	Frame type imaging sensors	1970
19720015633	Passive microwave sensors	1970
19720015646	Status and prospects of international earth resources satellite programs	1970
19720016100	Measurement of the figure of merit of a superconducting resonator by means of a travelling wave tube	1970
19720016748	An annotated bibliography of remote sensing at the University of Wisconsin	1970
19720016751	An introduction to remote sensing for environmental monitoring	1970
19720017043	Nuclear research	1970
19720017109	Several problems in measuring ion temperatures in a Tokamak device	1970
19720025795	Calculation of distortions in the optical systems of bubble chambers	1970
19720062538	A study of the auroras using a jet plane	1970
19720063588	Laser ranging Retro-Reflector (LRRR)	1970
19720063612	Research and development program structure and definitions	1970
19720063968	The optimum addition of points to quadrature formulae. 2: New families and experimental results	1970
19720064006	The role of bandwidth in aperture synthesis	1970
19720064036	NASA grant handbook	1970
19720064037	NASA procurement regulation	1970
19720064691	Earth Resources Research Data Facility R and D file, December supplement	1970
19720064797	Catalog of meteorites in the collections of Arizona State University, including the Ninger Meteorite Collection	1970
19720064805	Effect of prefrontal lesions on trained anticipatory visual attending in cats	1970
19720064809	Magnetic reversals: Their application to stratigraphic problems	1970
19720064877	Some comments of technology assessment and the environment	1970
19720065089	Technology transfer and information dissemination activities at WESRAC 1 February 1969 - 31 January 1970	1970
19720065102	Temperature measurement in metal combustion: The calcium-oxygen flame	1970
19720065135	Configuration space three-body scattering theory	1970
19720065282	Structure and properties of r.f. sputtered, superconducting tantalum films	1970
19720065283	Comparison of the substructures and properties of nickel, TD-Ni, Chromel-A, Inconel 600, and TD-NiCr following explosive-shock deformation	1970
19720065287	Optical heterodyne receiver design by nonlinear recursive estimation techniques	1970
19720065288	A comparison of digital image transforms	1970
19720065289	Structure and stability of discrete time optimal systems	1970
19720065294	Comparison of deformation microtwins in planar and cylindrical explosive loaded type 304 stainless steel	1970
19720065360	The performance of suppressed carrier tracking loops in the presence of frequency detuning	1970
19720065369	Residual deformation twin structure in planar shock-loaded Inconel 600	1970
19720065401	A review of mathematical models of the human thermal system	1970
19720065451	Numerical response characteristics of systems provided with impact dampers	1970
19720065454	Optimal detection-directed recursive estimation	1970
19720065464	Computer techniques in image processing	1970
19720065490	Algorithmic generation of a class of fast transformations for generalized spectral analysis	1970
19720065491	Multidimensional rotations in feature selection	1970
19720065492	Fourier and Hadamard image transform channel error tolerance	1970
19720065493	Transmission of information by orthogonal functions by Henning F. Harmuth	1970
19720065494	The performance of suppressed carrier tracking loops in the presence of frequency detuning	1970
19720065495	Energy levels and spectral broadening of neodymium ions in laser glass	1970
19720065497	Curves of growth of autoionizing spectral lines with application to the 3s-4p transition in argon	1970
19720065498	Degrees of freedom and computation requirements in matrix multiplication for Hadamard and other spectrometry transforms	1970
19720065511	A generalized technique for spectral analysis	1970
19720065518	Adaptive decision directed recursive estimators	1970
19720065519	Digital image transform processing	1970
19720065619	National Aeronautics and Space Administration procurement regulation, 1970 edition revision no. 1	1970
19720065622	An observational upper limit to	1970
19720065625	Technique for the direct observation of residual defect structures in explosive loaded metal cylinders	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720065641	Site selection and laser properties of neodymium in calcium fluorapatite crystals	1970
19720065780	Lethal and mutagenic effects of tritium decay produced by tritiated compounds incorporated into bacteria and bacteriophages	1970
19720066106	Analysis of Apollo 12 lightning incident	1970
19720066125	UO ₂ High-Temperature Fuel Technology Conference	1970
19720066126	Irradiation results on two clad UO ₂ experiments	1970
19720066127	Summary of UO ₂ high temperature fuels technology review	1970
19720066128	Irradiation properties of tungsten clad UO ₂ for thermionic application	1970
19720066129	Behavior of UO ₂ in irradiations at surface temperatures from 1300 to 1900 C	1970
19720066130	UO ₂ venting and redistribution	1970
19720066131	Fuel swelling and fission gas release	1970
19720066132	Possible mechanism for coke bottle distortion	1970
19720066133	Fission gas distribution and mobility in W-UO ₂ cermet cores	1970
19720066134	Possible Thermal Ratcheting Mechanism	1970
19720066135	Comments	1970
19720066136	Experiments	1970
19720066137	Comments	1970
19720066156	National Aeronautics and Space Administration multidisciplinary research program in space science and technology	1970
19720066249	Bayesian prediction and population size assumptions	1970
19720066250	Analytic continuation of the regular solution of the schrodinger equation in the complex angular momentum plane	1970
19720066251	Heat transfer to the insulator wall of a linear MGD accelerator	1970
19720066297	Comment on bremsstrahlung, synchrotron radiation and compton scattering of high energy electrons traversing dilute gases by G. R. Blumenthal and R. J. Gould	1970
19720066298	The NASA-Apollo contractor interface: The resident management operation	1970
19720066299	On the application and dissemination of space age management technology	1970
19720066302	Ancyrospora fallacia: A new sporomorph exhibiting deceptive variations in morphology	1970
19720066303	Approximate analyses of thermally induced vibrations of beams and plates, a review	1970
19720066409	The power spectrum in project management	1970
19720066410	NASA priorities in orbit: The waxing and waning of moon mania	1970
19720066438	Wavelength dependence of polarization. 20: The integrated disk of the moon	1970
19720066572	Ribosome-catalyzed ester formation	1970
19720066585	Proceedings of the Conference on Late-Type Stars	1970
19720066622	Saturn S-2 quality assurance techniques, nondestructive testing processes. Volume 2: Radiographic references	1970
19720066766	Management procedures for automatic data processing equipment	1970
19720066769	Development of the third-generation inertial-reference gyro. Development of the third-generation Specific Force Integrating Receiver (SFIR)	1970
19720067231	Remote sensing techniques used in determining changes in coastlines	1970
19720067367	Slip systems in VC-TiC alloys	1970
19720067605	Irradiation of uranium/zirconium carbide fuel to 11000 hours	1970
19720067609	Development of low thermal expansion tungsten-UO ₂ cermet fuel	1970
19720067610	Performance studies of a centrally-vented fuel form for nuclear thermionic converter applications	1970
19720067611	Irradiation of UO ₂ fuel clad with chemically vapor deposited tungsten: Operation and post-irradiation examination	1970
19720067612	Design, fabrication and installation of capsule for irradiation of UO ₂ fuel clad with tungsten	1970
19720067614	Analytical investigation of mass transport mechanisms in vented thermionic emitters	1970
19720067877	Bibliography, subject index, and author index of the literature examined by the Radiation Shielding Information Center (space and accelerator shielding)	1970
19720067965	Experiment Module Concepts Study Review	1970
19720068052	Physiological effect and acceptance of various natural foodstuffs in the pig-tai-led monkey (Macaca nemestrina)	1970
19720068057	Life science in a space age setting	1970
19720068064	A study of dormant-mode reliability for the TOS satellite system	1970
19720068067	A study based on Na D ₂ profiles in sunspots	1970
19720068076	Relativistic gravity	1970
19720068078	Fixed point and Minmax theorems in semi-linear spaces	1970
19720068081	Associative learning project: Phase 1 system	1970
19720068083	Synoptic views of water circulations along the Texas Gulf Coast using 1:60,000 to 1:2,500,000 scale photography	1970
19720068119	The DCA computer	1970
19720068124	Application of thin films to extremely high frequencies	1970
19720068134	Hypersonic Research Facilities Study. Volume 5: Limited Rights Data(u)	1970
19720068167	Ship Position and Attitude Measurement Systems (SPAMS) Volume 1: Summary	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068173	A fault-tolerant information processing system for advanced control, guidance, and navigation	1970
19720068193	Ascent propulsion system final flight evaluation: Apollo 11 mission report	1970
19720068237	Study to determine instrumentation requirements for fault isolation computer methods: Subsystem comparison	1970
19720068331	Evaluation of type k1200 barium titanate ceramic chip capacitors	1970
19720068351	Development of design data for graphite reinforced epoxy and polyimide composites	1970
19720068354	A generalized multistage problem of Bolza in the calculus of variations	1970
19720068358	Space shuttle guidance, navigation and control software functional requirements	1970
19720068374	Apollo service propulsion system injector cold-flow and engine restart test programs	1970
19720068375	Cast multi-segment evaluation test plan	1970
19720068376	Apollo 11 CSM 107 service propulsion system final flight evaluation	1970
19720068399	Apollo 13 30-day failure and anomaly listing report	1970
19720068409	Performance of the lunar module reaction control system	1970
19720068424	Preliminary design study of the Bioexplorer spacecraft. Volume 1: Technical Report	1970
19720068425	Preliminary design study of the Bioexplorer spacecraft. Volume 2: Preliminary performance specification	1970
19720068426	Preliminary design study of the Bioexplorer spacecraft. Volume 3: Preliminary spacecraft Development program plan	1970
19720068427	Preliminary design study of the Bioexplorer spacecraft. Volume 4: Management and funding plan	1970
19720068428	Bioexplorer spacecraft preliminary design study. Volume 1: Basic report	1970
19720068429	Bioexplorer spacecraft preliminary design study. Volume 2: Appendices	1970
19720068438	Development of insulative non-ablative material for reusable thermal protection systems application	1970
19720068444	Damping-in-pitch derivatives of 120 and 140 deg blunted cones at Mach numbers from 0.6 through 3	1970
19720068551	Orbiting Frog Otolith satellite (OFO) mission performance report	1970
19720068622	Advanced missions operations concepts, USAF/NASA Task 4. Volume 1: Summary report	1970
19720068623	Advanced missions operations concepts, USAF/NASA Task 4. Volume 3: Special study on collision avoidance	1970
19720068674	Jet Propulsion Laboratory research and advanced development program synopsis	1970
19720068697	Apollo 17 ground DDAS data evaluation guide	1970
19720068725	SPAMS network operating directives, volume 2	1970
19720069000	Development of a manufacturing method for the production of aircraft structural components of titanium by high-frequency resistance welding	1970
19720069001	Diffusion bonded titanium alloy hollow fan-disk	1970
19720069004	Measurement of elastic displacements of notch surfaces in edge-notched plates	1970
19720069183	RADS: The RAE disc operating system for the 1907 computer	1970
19720069188	Wing-body shapes from known supersonic flow fields	1970
19720069320	Advanced composite material structural hardware development and testing program	1970
19720069321	New and improved laminating resins for fiber reinforced composites	1970
19720069322	High temperature thermally stable greases	1970
19720069351	Naval Air Development Center project plan for fixed wing ASW aircraft evaluation (Fixwex), revision 3 (U)	1970
19720069420	Quinoxaline ladder polymers for high temperature laminating resins	1970
19720069423	Graphite fiber reinforced composites, part 2	1970
19720069424	Polyacrylonitrile precursor yarns for conversion to high strength, high modulus yarns	1970
19720069426	Abstracts of active contracts, Air Force Materials Laboratory, as of 15 August 1969	1970
19720069428	Advances in the technology of silicone nitride ceramics	1970
19720069430	Abstracts of active contracts (Air Force Materials Laboratory)	1970
19720069494	Supercritical helium cooling of hollow superconductors. Part 2: Thermal instabilities	1970
19720069497	Two dimensional steady state operational thermal analysis of the Isotope Brayton heat source	1970
19720069506	Evaluation of cross sections for chromium, iron, and nickel in the MeV range	1970
19720069511	Thermal Transient Equipment (TTE) conceptual system design description	1970
19720069512	Surface follower system comparison test	1970
19720069577	Low pressure vapor growth of diamond	1970
19720069596	Weather service impact on STRICOM operations: A survey, a model, and results including a systematic approach to increasing the operational value of air weather service products, volume 5	1970
19720069604	Loran C and Loran D position errors due to altitude separation between receivers	1970
19720069634	Finite difference simulations of underwater sound propagation	1970
19720069645	Trails of the GQ 22 foot steerable static line operated personnel parachute with the general purpose Mk1 harness and canopy release device	1970
19720069715	Proceedings of the 5th Inertial Guidance Test Symposium	1970
19720069720	Feasibility study of altering the IMMA source generating and ion collection system to interface with the AFSEL/VIMS	1970
19720069730	Attaching methods and materials, soldering, soldering material,	1970
19720069748	Development of automated pad relocation LSI	1970
19720069766	Research engineering and support for tropical communications	1970
19720069853	Fin stabilized projectile steering study (U)	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069982	Development of models for analysis of the influence of mobile nuclear forces on arms control agreements, volume 1	1970
19720069983	Development of models for analysis of the influence of mobile nuclear forces on arms control agreements, volume 2	1970
19720069984	Development of rapid response features and improvement of strategic nuclear exchange models for arms control studies, volume 1	1970
19720069985	Development of rapid response features and improvement of strategic nuclear exchange models for arms control studies, volume 2	1970
19720069986	Development of rapid response features and improvement of strategic nuclear exchange models for arms control studies. Volume 4. A comparison of the strategic nuclear exchange models, SIR NEM, CODE 50 and AEM	1970
19720069987	Development of rapid response features and improvement of strategic nuclear exchange models for arms control studies. Volume 5: Analysis of uncertainty for arms reduction	1970
19720069991	Some basic capabilities and limitations of STOL aircraft	1970
19720069999	Reliability demonstration. Semiconductor, diode, general purpose, silicon, diffused, glass	1970
19720070038	Reliability demonstration. Semiconductor, diode, rectifier, diffused, plastic	1970
19720070039	Reliability demonstration. Semiconductors, transistors, power, silicon, NPN, grown junction, metal can	1970
19720070052	Second source evaluation diodes, 1N695, T. I. No. 594617	1970
19720070065	Evaluative testing of CK05 and CK06 ceramic capacitors stocked in engineering stockroom	1970
19720070092	Qualification of US Capacitor Corporation capacitor, fixed, ceramic	1970
19720070093	Qualification of electron materials capacitor, fixed, ceramic	1970
19720070096	Networks, resistor, thick film	1970
19720070098	Component test results, linear accelerator environment	1970
19720070123	Reliability demonstration. Module, diode arrays	1970
19720070124	Rectifier assy	1970
19720070125	Reliability demonstration. Semiconductors, Transistors, field effect, silicon, N-channel, grown junction, metal can	1970
19720070126	Reliability demonstration. Semiconductors, transistors, power, silicon, PNP, grown junction, metal can	1970
19720070134	Photoemission from semiconductors	1970
19720070143	Thermal-chemical dynamic power supply for deep submersible vehicles	1970
19720070205	Qualification Continental Device Corporation, diode, rectifier, controlled conductance	1970
19720070217	Qualification of TRW diode, silicon, Zener	1970
19720070218	Qualification of Jeffers electrical resistor, fixed, metal film	1970
19720070219	Test results of series 733-11-300 AC Control Pak	1970
19720070220	Programmable unijunction	1970
19720070223	Electronic parts screening	1970
19720070235	Qualification of Vishay resistor, fixed, metal film	1970
19720070236	Environmental qualification test report G-switch and relay assembly	1970
19720070254	Beam techniques for fabrication of microwave integrated circuits	1970
19720070260	On the Usefulness of the photoelasticity technique to investigate sonic boom ground effects	1970
19720070264	RADS: The RAE disc operating system for the 1907 computer	1970
19720070266	LOX impact test, Johns-Manville Company Volsel high dielectric sealer, supplement	1970
19720070267	Effect of lubricants on galling of screw threads of 3/8-inch flared tube fittings, supplement	1970
19720070268	LOX impact test, ALMAG 35, aluminum alloy	1970
19720070273	Orbital workshop structural modal analysis	1970
19720070275	Fast neutron induced ionizing dose in missile borne electronic systems	1970
19720070314	Qualification of Sprague Electric capacitor, tantalum, solid	1970
19720070333	Investigation of a boron slurry, thermal chemical, dynamic power source, phase 1	1970
19720070350	Photoemission from semiconductors	1970
19720070351	Photoemission from semiconductors	1970
19720070353	Photoemission from semiconductors	1970
19720070391	Research concerning the properties of parallel processing networks with forward coupling by means of a neuron net model	1970
19720070399	an APL programme to solve simultaneous constant coefficient linear differential equations by the method of Laplace transformation	1970
19720070406	Check-out of the Delta technique	1970
19720070409	Qualification test on chopper, electromechanical	1970
19720070410	Armament: SRAM pylon ground ejection test	1970
19720070411	Hydraulic ram effect of small arms fire on aircraft fuel tanks	1970
19720070412	Preparation for high temperature: High pressure hydraulic system component tests	1970
19720070413	Detection of anomalous grain structures in F-111 brake stationary disks by means of ultrasonic and eddy current methods	1970
19720070414	Propulsion system: Engine nacelle ventilation system test	1970
19720070415	Environmental control system, air-oil cooler ejector performance test, ECP 2144	1970
19720070423	Qualifications tests of BuWeps drawing 2316608 resistors	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070430	Qualification, transformer, ADC	1970
19720070435	Qualification test on two Fawick SB-687 brakes for the Boeing Company	1970
19720070536	Gudiance, navigation and control systems performance analysis: Apollo 11 mission report, supplement 2	1970
19720070537	Thermal performance and radio frequency transmissivity of candidate ablation materials for S-band antenna window application on manned spacecraft	1970
19720070538	The development of nonlinear analysis methods for bonded joints in advanced filamentary composite structures	1970
19720070539	A mission analysis software system, mass	1970
19720070540	Boltzmann solution	1970
19720070541	Synthesis and characterization of molybdenum intermetallic compounds	1970
19720070543	Engine and component test facilities	1970
19720070544	Apollo program (phase 1 lunar exploration) mission definitions	1970
19720070547	Radiation resistant MNOS memories	1970
19720070570	Qualification, transformer, ADC	1970
19720070572	Evaluation of MIL-W-81044/12 wire with electrodeposited tin plating	1970
19720070583	Aerodynamic loads and separation trajectory data on stores in the vicinity of the weapon bays of the B-1 aircraft at transonic speeds	1970
19720070590	ESC-FB-111/AGM-69A Environmental control system heat transfer and pressure loss characteristics	1970
19720070610	Installation instruction for transponder set AN/APX-72	1970
19720070611	Bench, preflight and flight test procedures for test set, transponder set TS-1843A/APX	1970
19720070612	Bench, preflight and flight test of transponder set AN/APX-72	1970
19720070618	Studies on fuel tank materials, phase 1	1970
19720070626	Large Scale Integration (LSI) capabilities, and cost effective designs	1970
19720070637	Hose assembly: Sustainer oxidizer, start, 3/4 inch	1970
19720070697	Lidar Observatory at White Sands Missile Range	1970
19720070767	An investigation of the effects of atmospheric electricity on the SMVLF system	1970
19720070783	Flight testing of GFK rotor blades for Alouette 2 according to the Boelkow design	1970
19720070830	Evaluation of personnel and training requirements for the TH-57A (LTH) helicopter (U)	1970
19720071041	Effects of selected metals and metallic oxides upon the thermal stability of a polyimide adhesive	1970
19720071042	Mechanisms of reactions of oxidizers	1970
19720071043	A quantitative evaluation of test methods	1970
19720071047	NASA/Delta D17.15.10.0 operations and maintenance: Compressed air system	1970
19720071062	Surveyor lunar surface penetration experiment	1970
19720071127	Methods for the performance estimation and design of nozzles used to provide dusty, hypersonic flow environments	1970
19720071128	Advanced electron device technology	1970
19720071135	The flux leak compensating current belt	1970
19720071164	Qualification tests on station box assembly bearings	1970
19720071167	Production assessment test of dc torque motor-tachometer	1970
19720071171	Qualification test report of vaneaxial fans	1970
19720071174	A model for eddy-conductivity and turbulent Prandtl number	1970
19720071177	Qualification of TRW diode, silicon, zener	1970
19720071179	Qualification of microsemiconductor diode, silicon, zener	1970
19720071192	Qualification test of electrical connectors	1970
19720071235	Minimum cost design launch vehicle design/costing study. Volume 1: Summary	1970
19720071339	STOL technology bibliography update	1970
19720071344	TWAES display system analysis	1970
19720071406	Response characteristics of pulsed cesium vapor sources	1970
19720071427	Advanced thyristors for radar pulse modulator applications	1970
19720071452	Fast rise time magnetrons	1970
19720071508	Engineering design and evaluation of A/M 32-P-1 portable decontaminating apparatus	1970
19720071510	Test methodology and ballistic testing of an experimental aircraft passive defense armor system	1970
19720071516	Model A-7D airplane spin demonstration	1970
19720071517	Carrier and sats suitability tests of the EA-6A airplane	1970
19720071520	OSIP 41-70, model F-8J/J57-P-420 aircraft time/temperature recorder and integrator (TTRI) system, installation, flight test, technical and data support requirements	1970
19720071524	Test and evaluation of the AH-1J helicopter, contractor's demonstration: Structural demonstration phase	1970
19720071525	Technical evaluation of digital to voice synthesizer for link 4A discrettes	1970
19720071746	Advanced technology 1500-SHP turboshaft demonstrator engine. Volume 1: ST9 demonstrator engine program results (U)	1970
19720071747	Advanced technology 1500-SHP turboshaft demonstrator engine. Volume 2: ST9 engine installation manual (U)	1970
19720071748	Advanced technology 1500-SHP turboshaft demonstrator engine. Volume 3: ST9 engine specification (U)	1970
19720071749	Advanced technology 1500-SHP turboshaft demonstrator engine. Volume 4: ST9 engine design report (U)	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071954	Computer program for ground wave propagation in an ionized atmosphere with arbitrary variation of the conductivity with altitude	1970
19720071958	LOX impact test, Dow-Corning Pene-Lube penetrating oil	1970
19720071959	Flammability of plastic film	1970
19720071960	Compatibility of MIL-R-3043A coating with halocarbon, krytox, and Chrysler/Chapman oils	1970
19720071961	Mating problem, Burndy electrical connector, P/N BT00E-12-10S	1970
19720071962	Bolts from bracket assembly on service arms of mobile launchers, standard pressed steel, P/N EWS B926-4-H11	1970
19720071963	Three 1 inch diameter cap screws, part no. ms24677-160, from mobile launcher 3	1970
19720071964	Twenty each valve seats fabricated from Plaskon 2200 CTFE, batch no. 2272	1970
19720071966	The influence of mean stress and stress concentrators on the fatigue properties of 7178-T6 aluminium alloy	1970
19720071978	Computation of a bivariate F distribution	1970
19720072015	Environmental qualification test report, circuit card assembly-reentry events lockout	1970
19720072036	Development of a microchannel electro-optical inverter image intensifier tube	1970
19720072044	Minimum cost design launch vehicle design/costing study. Volume 2: Background studies	1970
19720072045	Minimum cost design launch vehicle design/costing study. Volume 3: Critique of Boeing study	1970
19720072047	Three cans (1 quart each), electrofilm, Lube-Lok 66-C, batch no. 446002, solid film lubricant	1970
19720072050	Flammability characteristics, ""Corrolux"" fiberglass siding	1970
19720072058	Hose assembly: Booster oxidizer start 3/4 inch	1970
19720072116	Impact of increased NERVA reactor-engine on radiological safety	1970
19720072119	Repository index of engineering reports and procedures, August 1970	1970
19720072184	A review of the SRDE contribution to the design and fault investigation of special silicon integrated circuits	1970
19720072187	Some statistics on the effect of weather on trials flying rates at Aeroplane and Armament Experiment Establishment	1970
19720072200	A 10 kW converter and alternator for 10 kW turbo-alternator power system , phases 2 and 3	1970
19720072202	Preliminary observations with a molecular beam sampling facility	1970
19720072206	Flight evaluation of a visual vector runway approach lighting system	1970
19720072221	Qualification tests of BuWeps Dwg. 2621816 resistors	1970
19720072223	Carrier suitability trials of the F-8J airplane with IAFC-568 and AFC-547 incorporated	1970
19720072229	Limited flying qualities and performance evaluation of the C-2A airplane incorporating weather radar and 25 man life raft installations ECP's 41 and 42	1970
19720072233	Program OPSTRA6: Effectiveness of a three-layer defense against an optimally allocated offense	1970
19720072248	Qualification test report of vaneaxial fans	1970
19720072249	Qualification test report for high speed switching diode, BuWeps 2621569	1970
19720072250	Production assessment test of NavOrd 2621776 semiconductor diode	1970
19720072252	Comparative measurements of infrared transmission over a long oversea path	1970
19720072256	Computation of a multivariate F distribution	1970
19720072392	Non-combustible, throwaway, high efficiency filters for use in glove box extracts (for temperatures up to 500 C or 773k	1970
19720072396	Evaluation tests on NavOrd drawing 2650353 rev G.	1970
19720072401	F-111 system mount unit flange failure	1970
19720072455	Satellite communications aircraft test support P-3A test results	1970
19720072456	SIIS-3 ejection seat, concept feasibility demonstration, seat system development and service release testing; monitoring and evaluation	1970
19720072459	Electrical intermittencies in F-111 potted power supply modules	1970
19720072463	Resistor variation in thin film circuits on unglazed substrates	1970
19720072499	Environmental qualification test report: VCO chassis assembly	1970
19720072504	Operation of refractometer test set AN/AM-M-9(XAN-1)	1970
19720072508	Compatibility testing and handbook verification of ground support equipment for AIMS altitude reporting systems	1970
19720072515	Customer Part no. 2887683-26	1970
19720072518	Shrinkable sleeve soldering of rectangular connector pins	1970
19720072531	The effect of bonding Permacel 211 glass cloth on the solderability of MM3 MIB's	1970
19720072533	Evaluation of Minuteman hand bit solder splattering	1970
19720072534	Metallographic analysis of corrosion condition and metallic growth on failed digital analog converter, F-111 ARS	1970
19720072547	The fatigue damage diagram computer program	1970
19720072548	Experimental stress analysis methods	1970
19720072556	Environmental qualification test report: A/C relay board assembly	1970
19720072565	Test and evaluation of the AH-1J helicopter, contractor's demonstration	1970
19720072566	OSIP 41-70, model F-8J/J57-P-420 aircraft Time/Temperature Recorder and Integrator (TTRI) system, installation, flight test, technical and data support requirements	1970
19720072567	OSIP 41-70, model F-8J/J57-P-420 aircraft Time/Temperature Recorder and Integrator (TTRI) system, installation, flight test, technical and data support requirements	1970
19720072568	Development monitor of the TF30-P-412 engine	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072569	Operationally oriented monitor of the TF-34-GE-2 engine development	1970
19720072606	Compatibility testing and handbook verification of ground support equipment for (aims) altitude reporting systems in the T-2B and C airplanes	1970
19720072607	Ballistic impact mechanics of selected metallic and composite materials, book 1	1970
19720072608	Ballistic impact mechanics of selected metallic and composite materials, book 2	1970
19720072620	Assembly of F-111 INS thin film circuits by reflow soldering	1970
19720072624	Operationally oriented monitor of the TF34-GE-2 engine development	1970
19720072727	YO-3A quiet aircraft (U)	1970
19720072780	Acoustic development flight test report YO-3A observation aircraft (U)	1970
19720072781	Acoustic qualification flight test report YO-3A observation aircraft (U)	1970
19720072783	F-4/TPQ-10 precision course direction evaluation (U)	1970
19720073007	Evaluation of corrosion products on gold plated pins, bulkhead connectors for LM spacecraft	1970
19720073009	Non-metallic materials design guidelines and test data handbook	1970
19720073075	Evaluation of Kistler models 607A and 607L and PCB Piezotronic, Incorporated, models 118A and 119A pressure transducers	1970
19720073081	An analysis of aircraft hydraulic pump/installations failure rates	1970
19720073135	Feasibility demonstration of designed plume fog clearing by heating	1970
19720073174	Manned space flight experiment catalog listing	1970
19720073210	Marotta solenoid valve, P/N 806098, leakage through NO port when energized	1970
19720073211	Floidyne gravity drain ball valve, P/N 15C11, leakage of hydraulic fluid	1970
19720073225	USS Kitty Hawk (CVA-63) plat Descent Rate Indicator (DRI)	1970
19720073255	Calibrated VLF phase measurements	1970
19720073305	A preliminary examination of mesoscale wind fields and transport determined from a network of wind towers	1970
19720073335	Turbulent boundary-layer studies at high Reynolds numbers at Mach numbers between 0.2 and 2.8	1970
19720073342	Skylab A weight and performance report	1970
19720073357	Recommended contamination control practices, 1970	1970
19720073373	Qualification tests of NavOrd drawing 2606509 heater	1970
19720073397	John F. Kennedy ACLS certification	1970
19720073437	Carbon-fibre/carbon composites: Some properties and potential applications in rocket motors	1970
19720073453	Observations on the optical space sense	1970
19720073505	Integrated seismic research signal processing system	1970
19720073517	Pneumatic cylinder, 7 inch stroke, 1.5 inch bore, chrome plated, Viton seal, Parker-Hannifin, Model CBB-2LLS23C	1970
19720073529	Training for low visibility landings	1970
19720073554	Contribution to the expansion of the Pulfrich effect: First communication	1970
19720073568	LSI correlator	1970
19720073572	An evaluation of air cleaners (impingement types) for industrial gas turbine applications	1970
19720073590	Characteristics of large barium releases	1970
19720073606	Twenty-five (25) kHz frequency synthesizer for radio set AN/ARC-144	1970
19720073648	Accumulators (4), Greer/Olear Hydraulics, Incorporated P/N/ 650 804 523, S/N's 305566, 305556, 305560 and 305572, soft goods deterioration	1970
19720073649	Switch, liftoff umbilical, Kinetics Corporation NASA P/N 75M18669-2	1970
19720073651	A 1/4 inch tube assembly from the 3000 PSI GN2 line, S-1C forward umbilical service unit	1970
19720073661	CLA-VAL 6-inch globe valve, P/N 93D/E 14KX16, from industrial water supply system	1970
19720073689	Open ocean manned observation platform: A preliminary investigation of design and dynamic positioning	1970
19720073730	Parts support of surface warfare systems	1970
19720073738	Integrated seismic research signal processing system	1970
19720073887	The blass IFM (Instantaneous Frequency Measuring) receiver: Evaluation and final report (U)	1970
19720074031	Analysis of urethane bladders from the water/glycol system of the lunar module	1970
19720074032	Accident and failure analysis summary	1970
19720074059	Apollo program specification J-missions	1970
19720074061	Fiscal year 1971 submission of MFSC space station and space shuttle (within guideline requirements) to OMSF	1970
19720074068	Airlock document index	1970
19720074093	A 10 kW converter and alternator for 10 kW turbo-alternator power system	1970
19720074096	Dynamic response test of very high pressure fluid power systems	1970
19720074128	Compatibility testing and handbook verification of ground support equipment for AIMS altitude reporting systems in the P-3A; B, and C airplanes	1970
19720074129	F401-PW-400 engine development monitor	1970
19720074136	SIIS-3 ejection seat, concept feasibility demonstration, seat system development and service release testing; monitoring and evaluation	1970
19720074139	Desoldering, of defective connectors from MIB with jumper wires	1970
19720074158	OSIP 41-70, model F-8J/J57-P-420 aircraft Time/Temperature Recorder and Integrator, flight test, technical and data support requirements	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074189	Lox impact test, Wilkinson Company's platinum sheath model 20722	1970
19720074190	LOX impact test, Kester solder sample labled Kester SPRC No. 97.5-1.5-1.0	1970
19720074193	A comparison of the lift of flat delta wings and waveriders at high angles of incidence and high mach number	1970
19720074216	Advanced tactical inertial guidance system study. Volume 1: Trajectory, guidance, and steering and targeting and fire control	1970
19720074294	A stable ocean platform for air-sea interaction studies	1970
19720074381	Integrated seismic research signal processing system	1970
19720074397	Model VNB11-08P1 pin contact, shaft position encoder: Evaluation	1970
19720074412	Digital generation of targets, ship's motion and system noise, volume 1	1970
19720074427	Functional and environmental test methods applied to components in space flight	1970
19720074432	Comparison of theoretical and experimental regression rates for the hybrid system FLOX/polyethylene	1970
19720074529	Reticle light switch and adapter	1970
19720074530	Capacitor, fixed, ceramic dielectric	1970
19720074532	Stripper	1970
19720074560	Heater, electric	1970
19720074574	Oil-damped resonance absorber for underwater sound	1970
19720074596	Optical mirror figure control	1970
19720074601	Analysis and design of distributed RC active filters	1970
19720074618	A heat distributive, temperature reducing structure for orbital lifting body reentry vehicles	1970
19720074676	Outer Planet Missions, Project Description	1970
19720074710	Ethylene propylene rubber for positive expulsion bladders	1970
19720074715	The two-dimensional flow around a slotted flap	1970
19720074725	Applications of FPS-16 radar/Jimsphere system to the study of atmospheric turbulence	1970
19720074731	Convair research summary, 1970	1970
19720074739	Instrumentation and procedures for low background detector measurements photodetector sereis, 82nd report	1970
19720074766	Microstructure, creep and failure: A program for research in high temperature materials	1970
19720074772	OOS(C) reaction control system sizing studies	1970
19720074780	Natural environment data for Safeguard communications	1970
19720074796	Nonelectronic reliability: Statistical methods and data	1970
19720074817	MSFC advanced aerospace computer	1970
19720074820	Application of the scalar and vector potentials to the aerodynamics of jets	1970
19720074865	Analysis of a thrust augmented VTOL aircraft. Volume 3, part 2: Analysis (U)	1970
19720075009	Space shuttle program systems integration and development. Parametric cost trend data	1970
19720075107	Climate of the Canadian Arctic	1970
19720075152	BUCKL: A program for rapid calculation of X-ray deposition	1970
19720075173	Microstructure, creep and failure: A program for research in high temperature materials	1970
19720075232	Optimized telemetry system design. Volume 1: General program approach	1970
19720075268	Analysis of human factors problems with maintenance of aircraft aboard aircraft carriers (CVAS)	1970
19720075273	Study of air pollutant signatures for remote sensing	1970
19720075320	Orbital atmospheric model development	1970
19720075330	Measurements of the thermal conductivity of uranium dioxide at 670 to 1270 K	1970
19720075334	Project TRENCHER: Evaluation of aluminized blasting agents for cratering and hole springing	1970
19720075340	General specification for integrated circuits, semiconductor, digital	1970
19720075350	The Felt Study: An evaluation of felt substrate and processing parameters on CVD carbon-carbon composite properties	1970
19720075357	Skylab program technical summary	1970
19720075449	Structural modeling of aircraft tires	1970
19720075450	The frequency response characteristics of the human auditory system and perceived noise	1970
19720075451	Inert cesium ion source with an electrostatic ion lens for accurate quantitative deposition of cesium on surfaces	1970
19720075452	Intermediate energy nuclear physics utilizing the NASA space radiation effects	1970
19720075455	Stagnation line momentum and energy equations	1970
19720075457	Electrical and optical properties of CdS	1970
19720075460	Forced convection heat transfer in a circular tube with nonuniform heat flux around the circumference	1970
19720075463	Program for developing NASA environmental criteria (GSFC-lead center)	1970
19720075515	Study and design of a variable focusing infrared source	1970
19720075516	Remote sensor systems for unmanned planetary missions: Computer program user's manual	1970
19720075531	Exploratory flight tests of an automatic takeoff system installed in a vulcan aircraft	1970
19720075545	The effect of heat treatment and fabrication processes on the tensile properties of the aluminium alloy Hiduminium 48 in the temperature range 293 K to 20 K	1970
19720075556	Lunar roving vehicle operations handbook	1970
19720075557	Space shuttle overview	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075582	Qualification test report on transistors. Semiconductors, transistors, general purpose silicon, PNP, plastic enclosure	1970
19720075593	Reports and articles (published or to be published) resulting from NASA multidisciplinary research grant NGL-05-018-044 during 1968	1970
19720075600	Qualification test report on transistors. Semiconductors, transistors, power, silicon, NPN, process not known, metal can	1970
19720075644	Qualification test report on transistors	1970
19720075645	Qualification test report on diodes	1970
19720075662	Procedures for the precise determination of thermal radiation properties	1970
19720075665	The spacecraft operational trajectory for Apollo 14 (Mission H-3), launched 31 January 1971. Volume 1: Mission profile	1970
19720075736	An experiment for the study of earth station-terrestrial station interference. Part 1: Interference model for rain scatter and fixed-beam experiment	1970
19720075797	Development of a high speed, low altitude aerial delivery parachute system for use with a modified C-130 aircraft	1970
19720075805	A study of the feasibility of trilateration for an air combat maneuvering range	1970
19720075842	Evaluation of victoreen metal oxide glaze resistors type MOX-750, and MOX-11	1970
19720075847	Qualification of resistor 1018754 from Pyrofilm Resistor Company	1970
19720075850	Delay line, lumped parameter, variable, .10-1, encapsulated, not thermally controlled	1970
19720075852	Component evaluation report, delay line, lumped parameter, variable, .10-1 delay, encapsulated, not thermally controlled	1970
19720075854	Tape head, magnetic	1970
19720075858	Semiconductor device, thyristor, triac	1970
19720075863	Qualification test report on capacitors	1970
19720075868	Qualification test report, C. P. Clare relays HFW117K01 and HFW117K02	1970
19720075880	Low noise J-FET audio frequency preamplifier study	1970
19720075948	Evaluation of 2N5005 power transistor	1970
19720076021	Accident/injury statistics and mishap recapitulation, 1970	1970
19720076026	Qualification test report on hose assembly, NAVORD drawing 2849132-C, manufactured by preece, Incorporated	1970
19720076031	Qualification test report adhesive, epoxy resin, two component, filled. Manufactured by Hughson Chemical Company	1970
19720076075	Component evaluation report: Semiconductor, diode, varactor, silicon, diffused	1970
19720076166	Aerial archaeology in the space age	1970
19720076325	Expulsion device: Compilation, butyl elastomeric material, 1963 through July 1970	1970
19720076377	Automated Autodin Traffic Processing System (AATPS) user's manual	1970
19720076398	Model test measurements of the forces and motions in surf of the Bell Aerosystems Company ACV design	1970
19720076407	Model test measurements of the forces and motions in surf of the Aerojet General Corporation ACV design	1970
19720076452	Handbook for the calculation of current and voltage harmonics on three-phase shipboard power distribution systems due to controlled static power supplies	1970
19720076467	HF interferometer and SSL system	1970
19720076468	Direction finder set AN/VRD-()	1970
19720076471	HF interferometer and SSL system	1970
19720076474	HF interferometer and SSL system	1970
19720076477	Turbulent wake studies	1970
19720076480	Airborne antenna coupler	1970
19720076482	Array antenna research for present and future communication systems	1970
19720076484	AH-56 Cheyenne control augmentation system study	1970
19720076486	Electrostatic potential of a current emitting vehicle below the ionosphere	1970
19720076521	High temperature laminating resins	1970
19720076525	Atmospheric contrast transmission measurements in tropical atmospheres	1970
19720076527	Penetration systems studies	1970
19720076529	A study of zinc rich primers	1970
19720076538	Development of high strength, high modulus fibers	1970
19720076541	Nuclear radiation effects in instrumentation tape recorder electronics	1970
19720076542	Investigation of solid state cold cathodes	1970
19720076543	Grueneisen data from the one dimensional response of solids	1970
19720076547	DC-electroluminescent flat panel display	1970
19720076548	Microwave high dielectric constant materials	1970
19720076549	Microwave high dielectric constant materials, task 2	1970
19720076550	Magneto-optic display study	1970
19720076551	Optical sources	1970
19720076552	Conductive, lusterless coatings for light metals	1970
19720076553	Large time-bandwidth product microwave delay line	1970
19720076555	Field experience with magnesium dry batteries	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076556	Electronically tuned high power network	1970
19720076557	Inorganic dielectrics research	1970
19720076560	Geoelectric reconnaissance of the Laguna Joyuda area at Cabo Rojo, Puerto Rico	1970
19720076561	High energy density capacitors	1970
19720076562	Single crystal transducers and dielectrics	1970
19720076574	Selector-test programmer self-test adapter (PN 916E953G01) and fault isolation meter self-test adapter (PN 940F898G01)	1970
19720076577	Microwave high dielectric constant materials	1970
19720076584	Operational abstracts of research reports published during the period 1 July 1969 to 1 January 1970	1970
19720076586	Forecast of magnetic materials	1970
19720076587	Liquid propulsion technology	1970
19720076589	A study of the modal response approach to patterned ablation including experiment definition	1970
19720076612	Some experimental measurements of heat transfer in thin liquid films	1970
19720076628	Survey and evaluation of electrical power sources as to their potential application with the 500 pound controlled airdrop cargo system	1970
19720076630	Hydrocarbon-fueled scramjet. Volume 7, supplement 1: Tabulation of data and data reduction procedures for fuel distribution investigation	1970
19720076633	Multiplexed coding	1970
19720076636	Research on new materials for electroluminescence	1970
19720076637	Improvement of mixer-module for radio set AN/PRC-25	1970
19720076638	Improved photocathodes	1970
19720076639	A description of the aircraft mock-up user element for the PLRACTA ADP	1970
19720076642	Investigations of ablation surface cross-hatching	1970
19720076643	Electronically tuned antenna coupler	1970
19720076647	Man-in-the-sea program plan and organization, revision A	1970
19720076672	Independent research and independent exploratory development: Annual report for fiscal year 1970 (U)	1970
19720076793	Study of the effect of hydrogen-air atmospheres in radio sets AN/PRC-25 and AN/PRC-77	1970
19720076795	Microwave magnetic and acoustic materials, microwave surface wave techniques	1970
19720076797	Small axial centrifugal compressor matching study	1970
19720076799	Phonemic category experiments	1970
19720076800	Master integrated system implementation plan intelligence data handling system of the Aeronautical Chart and Information Center	1970
19720076817	CSM ground system use site specification KSC industrial complex, block 2	1970
19720076818	CSM ground system use site specification KSC launch complex 39 block 2	1970
19720076834	A soluble realistic model for l equals 0 and l equals 1 pion pion scattering	1970
19720076921	AC-29 landline data evaluation guide	1970
19720077037	Location of friendly tactical patrols by differential LORAN-C (U)	1970
19720077168	Improved photocathodes	1970
19720077169	Magneto-optic display study	1970
19720077173	Addendum 1: Advanced system concept and plan, intelligence data handling system, Aeronautical Chart and Information Center	1970
19720077175	Implementation of functional capabilities intelligence data handling system Aeronautical Chart and Information Center	1970
19720077177	The use of dynamic segments in the automatic recognition of continuous speech	1970
19720077178	HF/VHF/UHF adjacent channel measurements	1970
19720077179	High temperature laminating resins	1970
19720077188	Annual report, 1970	1970
19720077191	Category 2 performance and flying qualities tests of the HH-53C helicopter	1970
19720077222	Nucleation efficiency tests	1970
19720077225	Microwave network approach to guided acoustic surface wave structures	1970
19720077226	Development of a one-package chlorosulfonated polyethylene solar heat reflecting olive drab coating	1970
19720077246	Qualification test report on transistors	1970
19720077334	MSC management manual technical information bulletins	1970
19720077383	Manufacturing methods and technology measure for nickel-zinc secondary batteries	1970
19720077399	Qualification test report on diodes	1970
19720077462	Nuclear shuttle system definition study, phase 3, performance review	1970
19720077469	Apollo support equipment maintenance, transfer and conditioning unit N2O4, Model S14-002 (Part no. G14-848029-201 and G14-848029-301) and 50-50 UDMH/N2H4 transfer and conditioning unit, Model S14-008 (Part no. G14-848030-201)	1970
19720077473	Second interim briefing nuclear shuttle definition study, phase 3	1970
19720077480	First interim briefings, nuclear shuttle system definition study, phase 3, Marshall Space Flight Center, Huntsville, Alabama NERVA engine status presentation	1970
19720077481	First interim briefing nuclear shuttle definition study, phase 3	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077482	Apollo ground support equipment maintenance handbook Supplement SM3A-1117 for digital test monitoring system, ACE S/C signal conditioners, multiplexer, and subcommutator, part of Model C14-217-111	1970
19720077512	Manual for the calculation of torques and forces in induction machines created by time harmonics in the power distribution system (U)	1970
19720077639	Explicit formulae for the extension of Runge-Kutta methods of arbitrary order for systems of first order differential equations to system of second order differential equations	1970
19720077640	Users' guide to JMR1175.PLANETS (an astronomical information subroutine)	1970
19720077641	A universal solution to Lambert's problem in the presence of arbitrary perturbative accelerations for small transfers	1970
19720077643	Effects of midcourse navigation measurement bias on reentry angle	1970
19720077644	Explicit analytic expressions for the terms in a spherical harmonic expansion of the gravitational acceleration due to oblateness	1970
19720077658	MSC/MSFC space station phase B definition study comparability effort	1970
19720077685	Apollo ground support equipment maintenance handbook: Miniaturized data interleaving system model C14-232 (part no. G16-851620)	1970
19720077686	Quality assurance and reliability plan	1970
19720077687	CSM configuration management plan	1970
19720077688	Acceptance checkout equipment - Spacecraft software plan	1970
19720077689	Safety plan launch operations	1970
19720077694	CSM ground system specification block 2	1970
19720077712	Life test of 2 inch butterfly valve with a Viton A rubber seal	1970
19720077737	Nuclear reactor-powered space station design sheets. Volume 3: Mission operations support	1970
19720077748	Filter, radio interference, feedthru	1970
19720077753	Preliminary thoughts on control rod redundancy requirements for CFR	1970
19720077754	Sodium fires and firefighting: PFR	1970
19720077758	Optimum combination of prime and backup rods	1970
19720077759	Some proposals for the design of a FR core capable of withstanding the maximum credible vapour explosion arising from a blocked subassembly	1970
19720077761	Detection of incipient SPERT incidents in CFR by flow monitoring	1970
19720077864	Modifications to AN/PPS-5 radar for Project BLOW LOW (U)	1970
19720077868	An investigation of aeronomical parameters critically affecting long range VLF/LF communication links during disturbed conditions (U)	1970
19720077871	Aerodynamic characteristics of the AFFDL FDL-18 lifting body at Mach numbers from 0.2 to 1.0 (U)	1970
19720078099	Preliminary Conceptual and Program Defintion Studies for a Space Tug System	1970
19720078112	Quality assurance and reliability plan	1970
19720078113	CSM ground system use site specification Downey complex block 2	1970
19720078118	Reliability/Redundancy Implementation Trade Study, No. 10	1970
19720078119	Flight Control Analysis	1970
19720078162	Displacement of the crack margin under dynamic load	1970
19720078163	Investigation of the pressure profile at the end plate of an air actuated diaphragm shock tube	1970
19720078205	Multichannel sonar recorder design problems and alternatives	1970
19720078210	Evaluation of flow field parameters and data/theory comparison of heat transfer for vehicles at high angles of attack	1970
19720078227	Chrysler Corporation, part no. 60SKC2721 and 60SKC2744 8 inch check valve	1970
19720078228	Reliability program provisions for the Viking lander system	1970
19720078238	Numerical and experimental investigation of light diffraction in a plane shock wave	1970
19720078239	Endurance test of a Nituff coated valve body	1970
19720078251	Qualification status of IH missile from Kemet	1970
19720078254	Qualification test report, electron tube, traveling-wave	1970
19720078270	Qualification status of missile filter from San Fernando	1970
19720078271	Qualification status of IH missile resistor from Dale	1970
19720078272	Qualification of diode 11241580 from unitrode	1970
19720078274	Qualification status of IH missile resistor from Shallcross	1970
19720078305	Qualification of pulse transformer	1970
19720078306	Qualification of IH/missile transformer	1970
19720078310	Qualification of triad transformer	1970
19720078316	Qualification status of IH/Missile connector from Continental Connector	1970
19720078342	Engineering evaluation test report electronic battery ESB	1970
19720078345	Qualification status and testing of Solitron for part no. 10668660	1970
19720078356	Engineering evaluation test report: Actuator, hydraulic F/S	1970
19720078357	Engineering evaluation test report: Actuator, hydraulic, S/S,	1970
19720078358	Engineering evaluation test report power distribution package electronic	1970
19720078359	Engineering evaluation test report electronic battery (Yardney)	1970
19720078362	Engineering evaluation test report acceleration, switch,	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078409	Qualification of Custom Electronics Corporation capacitors 7637690 P1	1970
19720078410	Evaluation of G.L.A. capacitors lab. type 27368	1970
19720078411	Evaluation of custom electronics capacitors	1970
19720078433	Qualification of custom electronics CER3A493SP	1970
19720078437	Evaluation of Custom Electronics capacitors	1970
19720078513	An 18 millimeter microchannel wafer image intensifier goggle tube assembly (U)	1970
19720078533	Advanced maneuvering propulsion technology program. Volume 1: Fluorine/hydrogen engine system analysis and design (U)	1970
19720078750	Component radiation effects data report	1970
19720078754	Development of the ADSID/Short ballistic penetration vehicle	1970
19720078756	CEPFR-1D measurements and assembly description	1970
19720078764	CEPFR-1E measurements and assembly description	1970
19720078765	An analysis of four metal cores using ENDF/B version 2 data	1970
19720078766	Monte Carlo method for geometrical perturbation and its application to the fast pulsed reactor	1970
19720078767	Reactivity coefficients in pressurized water reactors	1970
19720078768	Importance of the flux space dependence in collapsing fast reactor neutron cross sections	1970
19720078775	Some aspects of boiling noise detection in sodium cooled fast reactors	1970
19720078779	Effect of thermal radiation from the outermost fuel pins in a pfr type sub-assembly	1970
19720078780	Simple thermal conduction calculations relating to local blockages	1970
19720078784	Acoustic studies of PFR during sodium commissioning relevant to boiling noise and entrained gas detection	1970
19720078790	Experiments on electronic devices at 4 K	1970
19720078833	Computer system report, January 1970	1970
19720078906	Adhesive-laminate materials for the BQM-34E inlet duct sandwich construction	1970
19720079031	Qualification test report on transistors	1970
19720079240	Temperature transients in PFR during fault conditions. Part 2: The steam generating units	1970
19720079241	Performance prediction and analysis of the lunar heat flow probes	1970
19720079421	CG 319 Mk. 2 - A city and guilds revised mnemonic code compiler for the ICL 503 computer	1970
19720079428	Jump resonance and the frequency response locus	1970
19720079430	Final-stability and controllability	1970
19720079434	Wind tunnel and other facilities required for V/STOL model testing	1970
19720079491	Investigations of a method for remote monitoring of stirrer-to-wall clearances in loaded mixtures	1970
19720079493	The influence of a magnetic field on the high pressure phase diagram of Armco iron and normalized structural steel	1970
19720079496	C3 reliability verification test procedure, transistor, power P/N 2760402	1970
19720079497	Engineering evaluation test report destruct battery	1970
19720079505	Evaluation of Fairchild reference diodes FC2076, General Electric drawing 7531339-3	1970
19720079506	Revised life test report for semiconductor device, diode, silicon impatt	1970
19720079542	Development of a VLF atmosphere noise prediction model	1970
19720079545	Thermal effects in the AN/URC-9 radio set as a function of blower speed	1970
19720079595	Test, evaluation and comparison of electronic frequency converter blowers	1970
19720079644	Report of test on switches, rotary (circuit selector, low current capacity) Mil-S-3786-C and Mil-S-3786/3D. Original test data	1970
19720079645	Report of test on indicator lights, 4-lamp, modular display type, style LHC 92 of Mil-L-3661/68(EC) and Mil-L-3661B. Original test data	1970
19720079713	Studies of planar and circular phased array antennas	1970
19720079715	CDF transfer line, THD CDF fitting, initiation, straight tee manifold and transfer charge assembly	1970
19720079716	Harness assy., CDF, thrust termination	1970
19720079717	Fitting, initiation, straight TEE, CDF line 3, N/F Jettison manifold and transfer charge assembly	1970
19720079718	Manifold and transfer charge assy., straight	1970
19720079719	Manifold and transfer charge assy., straight	1970
19720079721	Engineering evaluation test report. Harness assy, CDF, first stage separation	1970
19720079722	Engineering evaluation test report. Crossover lead	1970
19720079723	Manifold, four-way, angular CDF transfer line, 90	1970
19720079724	Disconnect, explosive-interstage	1970
19720079726	Engineering evaluation test report, CDF line 1, N/F separation, CDF line, first separation, fitting initiation, three way	1970
19720079728	Engineering evaluation test report. Connector, electrical	1970
19720079756	Environmental stability of coated fabric heat seals	1970
19720079760	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19720079761	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19720079762	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079763	Continuous shelf life test program for determining to deterioration of tantalum and aluminum electrolytic capacitors	1970
19720079764	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19720079765	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19720079768	Evaluation of vitreous enamel and silicon coated wirewound power resistors	1970
19720079769	Technical information which may be used in the selection of a Navy standard blower for radio set AN/URC-9	1970
19720079783	Investigation of 6J4WA and 8532 tube failures in radio set AN/SRC-20	1970
19720079785	Detecting-transmitting set, electromagnetic, AN/GSQ-160 production plan, book 1	1970
19720079811	Thermal survey of the AN/URC-9 transceiver using JAN type tube shields	1970
19720079962	A preliminary analysis of BNL heterogeneity experiments	1970
19720079977	Space shuttle booster airbreathing engine study	1970
19720079983	Space shuttle booster airbreathing engine study	1970
19720080007	Ultrasonic wave generators in water. Preliminary study of a pistonphone and of a transmitter of variable magnetic resistance	1970
19720080019	The ELAN sourcetext of MICRO 64 KL	1970
19720080030	Optimal aberration balance in an optical system suffering from second and fourth order longitudinal spherical aberration: geometrical optics approximation	1970
19720080033	CG 319 Mk. 2: A city and guilds revised mnemonic code compiler for the ICL 503 computer	1970
19720080040	A study of solid state switches with isolation	1970
19720080042	Qualification status of IH missile capacitor from San Fernando	1970
19720080045	Qualification status APN 10178157, TMC systems	1970
19720080046	Qualification status of ac-dc electronics transformer	1970
19720080061	Engineering evaluation test report, gyro package, flight controls (Nortronics)	1970
19720080080	Joint flight proof/development test report multi-channel rate gyro	1970
19720080103	Hardness assy. CDF, first stage separation	1970
19720080105	CDF components interchangeability	1970
19720080106	Qualification tests of BuWeps Dwg. 2621816 resistors	1970
19720080112	Harness assy, CDF, nose fairing system	1970
19720080113	Harness assy: CDF, thrust termination	1970
19720080116	Qualification test report for valve-bypass, hydraulic launcher, missile B-52	1970
19720080117	Qualification status of missile filter low pass from Gulton	1970
19720080118	Qualification of IH missile capacitor from Erie	1970
19720080119	Qualification status of thermal resistor 10180755 from Texas Instrument	1970
19720080120	Qualification status of missile filter	1970
19720080129	Qualification status of ICC pulse transformer from pulse engineering	1970
19720080130	Qualification status of ADP rotary switch from Digitron	1970
19720080137	Continuous sheld life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19720080138	Continuous sheld life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19720080164	Sidewinder performance study. Phase 1: Parametric improvement study (U)	1970
19720080165	Sidewinder performance study. Phase 2: Proposed Sidewinder, interim short range performance evaluation (U)	1970
19720080170	Engine cycle design review. Additional climb and acceleration. Capability GE4/J6 study H1 single rotor turbojet with tailpipe augmentation for SST application (U)	1970
19720080171	Engine cycle design review for the GE4/J7 study A1 dual rotor bypass turbojet with additional takeoff capability (U)	1970
19720080172	Engine cycle design review for advanced supersonic GE4/J7 study A1 dual rotor bypass turbojet for SST application (U)	1970
19720080173	Engine cycle design review for the advanced supersonic GE4/J6H single rotor dry turbojet for SST application (U)	1970
19720080184	Instructions for the use of the General Electric GE4/J6 study H dry turbojet engine estimated performance data deck, August 1970 (U)	1970
19720080239	Performance deck instructions for General Electrical GE4/J5P engine, March 1970 (U)	1970
19720080242	Performance deck instructions for General Electric GE4/J6 study G engine, April 1970 (U)	1970
19720080287	Instructions for use of the GE4/J7 study A1 dual rotor bypass turbojet estimated performance data deck, September, 1970 (U)	1970
19720080288	Title is classified	1970
19720080477	Space shuttle booster airbreathing engine study	1970
19720080485	Static stability characteristics of the Manned Spacecraft Center straight-wing space shuttle orbiter: Effects of Reynolds number and body corner radius at M less than or equal to 0.5	1970
19720080526	Diploma of detailed studies in acoustics	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080545	Chromatic aberration of achromatic doublets	1970
19720080547	Penguin altimeter and altitude control system	1970
19720080551	Definition of Matthews Area boundary lines for use on a computer	1970
19720080560	LOX-methane monopropellant feasibility study	1970
19720080633	Harness assy, CDF, S/S gas generator, ignition	1970
19720080640	Qualification status of IH/Par capacitor from Gulton Industries	1970
19720080641	Qualification status of IH missile capacitor from Corning	1970
19720080650	Harness assembly, CDF, S/S gas generator, ignition	1970
19720080651	Disconnect explosive equipment section, line 2, CDF, detonating cord	1970
19720080687	Qualification status APN 10178156, TMC systems	1970
19720080689	Testing of wall panels made by foam in place spiral generation	1970
19720080691	Qualification status of IH missile variable capacitors from Johanson	1970
19720080692	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19720080722	Qualification status of IH missile capacitor from Aerovox	1970
19720080724	Qualification status of IH missile capacitor from Sprague	1970
19720080725	Qualification status of IH/PCP battery from Gould	1970
19720080726	Qualification of BCC battery from Gould National	1970
19720080753	S-64F (CH-54B) main rotor controls fatigue substantiation, test report	1970
19720080765	Detecting-transmitting set, electromagnetic, AN/GSQ-160 production plan, book 2	1970
19720080766	Detecting-transmitting set, electromagnetic, AN/GSQ-160 production plan, book 3	1970
19720080767	Detecting-transmitting set, electromagnetic, AN/GSO-160 production plan, book 4	1970
19720080769	Report of test on telephone jacks and plugs (miniature). Original test data	1970
19720080771	Report of test on indicator lights, 2-lamp, display type, matrix assembly, style LHC 91 of Mil-L-3661/50A (EC) and Mil-L-366/B. Original test data	1970
19720080780	US Air Force accident bulletin, 1971	1970
19720080783	Disconnect, explosive-interstage	1970
19720080784	Manifold, fourway, angular CDF transfer Line, 90 deg	1970
19720080785	Disconnect 1, CDF-stack line, CDF, charge	1970
19720080786	Squib, exploding bridgewire	1970
19720080860	Disconnect 1, CDF stack line, CDF, port charge	1970
19720080861	Manifold, TBI, 3 way, 135 deg initiator, through bulkhead	1970
19720080900	Qualification status of 10176186-001 from Bulova	1970
19720080904	Qualification status of IH missile capacitor from Dearborn Electronic	1970
19720080914	RF power amplifier	1970
19720080916	Qualification status of IH ICWAR transformer	1970
19720080917	Qualification of 10180709 from Sage Electronics Corporation	1970
19720080918	A computerized parts listing system	1970
19720080923	Qualification of pneudraulics valve	1970
19720080924	Qualification of pneudraulics valve	1970
19720081035	Flight trial of Vickers-Sperry-Rand orbital hydraulic pump type PVC 100	1970
19720081061	Buffer design for bandwidth compression systems	1970
19720081062	Legg formula modification	1970
19720081063	A method of removing fixed target echoes from a scanning sonar system	1970
19720081150	Engineering evaluation test report, fitting initiation, three way CDF line 1, N/F separation, CDF line, first separation	1970
19720081151	Disconnect, explosive-equipment section, line 2, CDF, detonating cord	1970
19720081186	Design studies and engineering analyses to define parameters for a Coning two degree of freedom gyro	1970
19720081218	Qualification status of American Electronics Laboratory filter	1970
19720081221	Qualification status APN 10178159, TMC systems	1970
19720081237	Theoretical approach to acoustic detection in power reactors	1970
19720081276	Lunar heat flow probes: Experimental characterization of probe thermal conductivity measurements	1970
19720081288	MSC/MSFC space station phase B definition study comparability effort (Integration Panel)	1970
19720081298	Information management study. Volume 2: Onboard IM system concepts	1970
19720081299	Static stability characteristics of the Manned Spacecraft Center straight-wing space shuttle orbiter: Effects of Reynolds number and body corner radius at Mach number 0.16 - 1.35	1970
19720081300	Static stability characteristics of the Manned Spacecraft Center straight-wing space shuttle orbiter: August 1969 baseline, at Mach number 0.25 - 2.0	1970
19720081307	Space shuttle booster airbreathing engine study	1970
19720081319	Apollo 11 mission report. Supplement 7: Descent propulsion system final flight evaluation	1970
19720081457	Pan-Am standard analytical method no. 6-703, measurement of electrostatic potential formation on materials	1970
19730004188	Prelaunch operations for a space storable propellant module	1970
19730060785	Preflight report for CSM end item spacecraft 110 mass property data	1970
19730060798	Atomic beam measurement of some sodium	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730061035	Analytical and experimental investigation of J series mission umbilical temperatures during transearth coast and lunar orbit EVA	1970
19730061097	Autotrophic and heterotrophic metabolism of Hydrogenomonas: Regulation of autotrophic growth by organic substrates	1970
19730061421	Brittle-ductile transition of body-centered cubic metals with special consideration of tungsten and molybdenum. Part 1: Experimental methods	1970
19730061586	Morphic effects. 3: Effects of an external magnetic field on the long wavelength optical phonons	1970
19730061587	Stochastic programmed grammars for syntactic pattern recognition	1970
19730061775	Diurnal fluctuation in DNA content and DNA synthesis in the dorsal epidermis of rana pipiens	1970
19730062054	Final progress report	1970
19730062144	Advanced research: Key to the future	1970
19730062156	Influences of Organizational Goal Structures on the Selection and Implementation of Management Science Projects	1970
19730062159	Some Factors Affecting the Adoption of a Management Innovation: an Experiment with the Use of a Computer-Based Project Selection Technique in a Research and Development Organization	1970
19730062197	In-house research seminars, 1969 - 1970	1970
19730062201	Study of a coaxial plasma accelerator	1970
19730062202	Some results of measurements of the latent heat released from seeded stratus	1970
19730062203	A new approach to singular discrete time filtering and control	1970
19730062453	System safety engineering analysis handbook	1970
19730062459	Establishment of selenodetic control through measurements on the lunar surface	1970
19730062460	Generation of long time creep data on refractory alloys at elevated temperatures	1970
19730062487	On the physics of the neutral upper atmosphere	1970
19730062491	Kinetics of formation of high charge density ionene polymers	1970
19730062492	The microwave spectrum of Mercury	1970
19730062493	Electronic conductivity of elastomeric ionenes	1970
19730062495	Matching of mass spectra when peak height is encoded to one bit	1970
19730062496	The Grand Tour	1970
19730062497	Construction of tetrahedral harmonics	1970
19730062498	The effect of steric compression on proton-proton, spin-spin coupling constants. Further evidence and mechanistic considerations	1970
19730062499	Analysis of the ion-molecule reactions in hydrogen-methane mixtures using ion cyclotron resonance	1970
19730062500	An ion cyclotron resonance study of the ion-molecule reactions in methane-ammonia mixtures	1970
19730062502	Vibrational characteristics of man	1970
19730062503	Potentialities of a new class of anticlotting and antihemorrhagic polymers	1970
19730062504	Antarctic soil algal crusts: Scanning electron and optical microscope study	1970
19730062505	Progress on an automatic system for cytogenetic analysis	1970
19730062507	Analysis of the proton nuclear magnetic resonance spectra of some strained benzocycloalkenes and benzocycloalkenediones. Effect of strain on proton-proton, spin-spin coupling constants	1970
19730062510	Semi-quantal theory of heavy-particle excitation, deexcitation, and ionization by neutral atoms. 1: Slow and intermediate energy collisions	1970
19730062511	Discrete levels of beginning height of meteors in streams	1970
19730062588	The Nimbus 4 user's guide	1970
19730062600	Space station phase B definition study, MSC comparability data for contract NAS9-9953 mission/operations panel	1970
19730062633	Thermionic spacecraft design study, phase 1	1970
19730062634	Photographic observations of 10 artificial meteors	1970
19730062661	Study of the techniques feasible for food synthesis aboard a spacecraft	1970
19730062674	Homogeneously catalyzed formaldehyde condensation to carbohydrates	1970
19730062785	The direct method as applied to liquid rocket engine combustion and explosion problems	1970
19730062801	Recursive computation and successive derivatives of algorithms	1970
19730062824	Uptake of H(3)-dihydrostreptomycin by macrophages in culture	1970
19730062825	Energy transfer in planetary atmosphere: Optical spectroscopic studies	1970
19730062843	The Nimbus 3 data catalog. Volume 6: 1 January - 31 May 1970, data orbits 3509-5529	1970
19730062893	IMBLMS phase B4. Appendix 8: Documentation for the support equipment subsystem	1970
19730062924	Suppression of combustion oscillations with mechanical damping devices, phase 2	1970
19730062929	The Nimbus 3 data catalog. Volume 5: Data orbits 1873-3508	1970
19730062930	Development of insulative, nonablative materials for reusable thermal protection system applications	1970
19730062935	Local theorems in strengthened form for lattice random variables	1970
19730062949	A technique for adaptive quantization	1970
19730062982	Brownian motion: Possible basis for an ultra sensitive vacuum gauge	1970
19730062984	Precision Targeting for Multiple Swingby Interplanetary Trajectories	1970
19730062985	Mixed Propulsion Mode Orbital Transfers	1970
19730063001	Multidisciplinary research in space related science and engineering	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730063007	Applications of a gas-liquid chromatographic method for amino acid analysis. A system for analysis of nanogram amounts	1970
19730063008	A search for organics in hydrolysates of lunar fines	1970
19730063027	Permeability of one-dimensional potential barriers	1970
19730063032	Improved convergence and increased flexibility in the design of model reference adaptive control systems	1970
19730063038	Determination of flow direction of rhyolitic ash flow tuffs from fluidal textures	1970
19730063063	Reliability plan	1970
19730063146	Opacity analysis of inelastic molecular collisions. 4: Statistical aspects of rotational excitation theory	1970
19730063171	Radiation damage and chemical reactions induced in crystalline solids by high energy proton bombardment	1970
19730063191	On the development of a space station precision trajectory program	1970
19730063221	Recombination of iodine atoms in dilute solutions of argon	1970
19730063284	Excitation of acoustic-gravity waves in an isothermal atmosphere	1970
19730063290	The dihalides of group IVB elements	1970
19730063291	Thermodynamic properties by levitation calorimetry. 3: The heats of fusion and specific heats in the liquid phase of iron, titanium, vanadium	1970
19730063320	The fusion of irradiated linear polyethylene crystallized by high speed stirring	1970
19730063322	Melting behavior of linear polyethylene crystallized by solution stirring	1970
19730063327	Sequential equivalent of the batch Bayes filter with zero a priori covariance	1970
19730063338	Seed dispersal methods in Hawaiian "Metrosideros"	1970
19730063339	Studies in heterocyclic synthesis	1970
19730063347	On classes of pseudo-riemannian spaces	1970
19730063583	Development of micro pulse motor	1970
19730063652	Evaluation of new penetrating sporicide potentially useful in spacecraft sterilization	1970
19730063716	Strapdown sensor tests and test data analysis	1970
19730063718	Standard cleanliness specification, phase 2	1970
19730063758	Analysis of a dye laser tuned by acousto-optic filter	1970
19730063762	Capsule assembly fabrication	1970
19730063795	High resolution electron microscopy of cell membranes and derivatives	1970
19730063796	Radiative lifetimes of some ultraviolet transitions of N1 and N2	1970
19730063816	Radiative, ablative, and active cooling thermal protection studies for the leading edge of a fixed-straight wing space shuttle. Part 1: Analytical methods	1970
19730063817	Radiative, ablative, and active cooling thermal protection studies for the leading edge of a fixed-straight wing space shuttle. Part 2: Aerodynamic heating predictions	1970
19730063818	Radiative, ablative, and active cooling thermal protection studies for the leading edge of a fixed-straight wing space shuttle. Part 3: Radiative and ablative heat	1970
19730063819	Radiative, ablative, and active cooling thermal protection studies for the leading edge of a fixed-straight wing space shuttle. Part 4: Regenerative cooled heats shields performance	1970
19730063820	Radiative, ablative, and active cooling thermal protection studies for the leading edge of a fixed-straight wing space shuttle. Part 5: Transpiration cooled heat	1970
19730063821	Radiative, ablative, and active cooling thermal protection studies for the leading edge of a fixed-straight wing space shuttle. Part 6: Summary report and conclusions	1970
19730063825	Stimulus duration preference at electrode sites yielding elicited behavior	1970
19730063828	Stability and plasticity of motivation systems	1970
19730063829	Stimulus-bound eating and deprivation from prior contact with food pellets	1970
19730063835	Fuel cell condenser exit temperature oscillations	1970
19730063836	Applications of aerospace technology in the public sector	1970
19730063837	The JPL DPODP as a real time operation and control program for the Viking project	1970
19730064170	The development of an interactive graphical risk analysis system	1970
19730064171	Construction of approximately N-representable density matrices	1970
19730064212	Some comments on technology assessment and the environment	1970
19730064313	Apollo 10 mission report. Supplement 6: Ascent propulsion system final flight evaluation	1970
19730064320	Analyzing student performance to improve an interactive teaching program	1970
19730064322	Tables for Gaussian quadrature of infinity integral $\int_0^{\infty} 2x^2 \exp(-x^2) F(c x) dx$	1970
19730064323	A transform for treating a wide class of perturbation problems with application to the exchange equations for H ₂ (plus) and H ₂	1970
19730064324	Direct calculation of first- and second-order density matrices: The generalized RPA method	1970
19730064329	Scout preflight mission planning and launching constraints	1970
19730064332	Cost benefit analysis of new launch systems. Volume 1: On the principles of public project evaluation	1970
19730064333	Supplement to cost benefit analysis of new launch systems. Volume 2: Results of economic evaluation	1970
19730064337	Thundercloud radio emission from cosmic ray shower ionization electrons	1970
19730064473	Role of selenium in neural physiology of avia species. 1: The distribution of selenium in tissues of chickens, turkeys and coturnix	1970
19730064643	Effects of uncertainties on the design of a nuclear rocket control	1970
19730064689	Parametric analyses of pilot warning indicator systems	1970
19730064707	Operation meeting: Executive review presentation, alternate space shuttle concept	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730064708	Systems Improved Numerical Differencing Analyzer user's manual	1970
19730064709	Synthetic aperture radar and digital processing	1970
19730064710	Apollo cryogenic systems programs user's manual	1970
19730064721	BUCLAS: A computer program for uniaxial compressive buckling loads of orthotropic laminated structural sections	1970
19730064722	BUCLAS: A computer program for uniaxial compressive buckling loads of orthotropic laminated structural sections	1970
19730064723	BUCLASP: A computer program for uniaxial compressive buckling loads of orthotropic laminated stiffened plates	1970
19730064739	BUCLASP: A computer program for uniaxial compressive buckling loads of orthotropic laminated stiffened plates	1970
19730064853	Feasibility and design study of adaptive control of flexible, highly variable spacecraft	1970
19730064862	Apollo cryogenic systems programs	1970
19730065077	Alpha scattering experiment post-mission data processing	1970
19730065078	LM-10 lunar landing loads analysis	1970
19730065272	Some plane problem elastostatic solutions for plates having a v-notch	1970
19730065275	Analytical determination of the induced flow due to a jet in a subsonic crossflow	1970
19730065823	Pinball game buttons and lights (FC-2180) addendum	1970
19730065869	Apollo oxygen tank stratification analysis	1970
19730065953	NASA advanced lift fan aircraft program. Volume 6: LF460 lift fan preliminary design	1970
19730065954	NASA advanced lift fan aircraft program. Volume 5: LF460 coceptual design, trade-off studies and technology verification programs	1970
19730066497	Critical design review data package for experiment S192 ten band multispectral scanner	1970
19730066513	Skylab program, operational data book. Volume 3: CSM performance data	1970
19730066514	Skylab program, operational data book. Volume 5: Crew equipment performance data	1970
19730066515	Training plan for ACE-S/C ground station	1970
19730066525	Skylab Program: Operational Data Book.	1970
19730066548	Operation and calibration procedures wind measuring system Launch Complex 39	1970
19730066549	Programming guidance equations for Colossus 2E command module earth orbital and lunar program	1970
19730066569	Test and checkout plan for LRV-1 and subsequent launch operations	1970
19730066574	Nuclear shuttle system definition study, phase 3	1970
19730066575	Nuclear flight systems definition study: Final briefing	1970
19730066650	Harness assembly, CDF, first stage, ignition	1970
19730066652	Transmission line 1, CDF, transmission line 2, CDF	1970
19730066718	Safeguard BMD system development of a waveform synthesis technique	1970
19730066725	An investigation of an atmospheric research system performance at Mach numbers from 0.30 to 0.90	1970
19730066794	Calculation of in-flight modular nuclear vehicle radiation environment. Phase 1: Nuclear propulsion module in-flight radiation environment	1970
19730066905	OOS avionics	1970
19730066906	Studies of the main propulsion system for the Orit-to-Orbit Shuttle (OOS)	1970
19730066907	Development, program schedule, technology, and cost orbit-to-orbit shuttle chemical	1970
19730066917	The titroscope	1970
19730066921	A study of the bioelectric potentials and their effect on bone demineralization	1970
19730066944	Evaluation of shock resistant reversing thermometer transport container	1970
19730067047	Skylab B phase 1 study	1970
19730067145	Advanced lift fan V/STOL aircraft system study, volume 1	1970
19730067170	Effect of time on the probability distribution of a target moving with constant velocity in a random direction	1970
19730067203	Qualification status of IH missile resistors from pyrofilm	1970
19730067264	Qualification status of MSR transistor from Motorola	1970
19730067275	Visual confirmation of magnetic tape	1970
19730067302	MIL-STD-202, conversion from method 205 to 213	1970
19730067306	Instruction manual for model 210 thermoelectric test facility	1970
19730067311	Qualification test report on transistors	1970
19730067395	Qualification status of HPI capacitor from Custom Electronics	1970
19730067404	Reliability data analysis of radio sets AN/SRC-20/21	1970
19730067496	Cluster system contamination analysis report. Volume 1: Contamination sources report	1970
19730067509	Saturn workshop no. 2 alternate mission: Artificial gravity experiment study	1970
19730067513	Nuclear flight systems definition study	1970
19730067521	Improved scaling laws for stage inert mass of space propulsion systems	1970
19730067534	Low noise spectroscopy of the solar photosphere and sunspots	1970
19730067688	Oxidation studies of model compounds and polymers related to poly(benzimidazole), poly(benzimide) and poly(bis-benzimidazobenzophenathroline-dione)	1970
19730067693	Qualification status of Raychem R. F. cable	1970
19730067756	Revised helicopter model	1970
19730067782	Fabrication of experimental magnesium-manganese dioxide dry cells	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067797	A convolutional encoder and decoder for shipboard satellite communications	1970
19730067931	Cluster systems contamination analysis report. Volume 2: Corrective action recommendations	1970
19730067933	AAP contamination control, verification and cluster system analysis. Volume 4: External thermal coating contamination	1970
19730067955	Experimental quiet engine program. Predicted engine performance	1970
19730067956	Orbital centrifuge experiment performance options and cost	1970
19730067973	Nuclear flight stage and payloads study	1970
19730067974	Development of air-to-air combat tactics	1970
19730067975	Development of air-to-air combat tactics	1970
19730067976	Development of air-to-air combat tactics	1970
19730067977	Development of air-to-air combat tactics	1970
19730068010	A study of gas solubilities and transport properties in fuel cell electrolytes	1970
19730068034	Evaluation of flexible joints for Poseidon C3 and other motors	1970
19730068068	Development of the carbon monoxide atmospheric pollution experiment	1970
19730068076	Development of the carbon monoxide atmospheric pollution experiment	1970
19730068084	Manifold, TBI, 3 way 90 deg, disconnect 2, CDF, nose fairing disconnect 1, CDF, nose fairing fitting, initiation, angle tee	1970
19730068146	Cost-effectiveness study for aircraft ground support equipment	1970
19730068152	Benefits and utilization of ground environmental testing capabilities	1970
19730068262	Stereo radar analysis	1970
19730068353	Guide for employment of unattended ground sensors	1970
19730068369	C-130 VGH flight loads program, 1968 - 1970	1970
19730068382	Qualification status of indicator light from Sloan Company	1970
19730068432	Manufacturing methods and technology measure for nickel-zinc secondary batteries	1970
19730068548	Qualification report for semiconductor device, controlled rectifier per NAVAIR drawing 2459204	1970
19730068620	Development of a microchannel electro-optical inverter image intensifier tube	1970
19730068695	Nuclear shuttle system definition study phase 3 first interim review	1970
19730068735	Final report, 1 April 1969 - 31 March 1970	1970
19730068917	Comparison of the far infrared target indicator (FIRTI) and Stabilized Night Sight (SNS) on the M48A3 tank test report, volume 2 (U)	1970
19730068935	SNS M-48/FIRTI test plan, volume 1 (U)	1970
19730068936	SNS/ACAV test report, volume 3 (U)	1970
19730068939	ADSID 2/S test plan, volume 1 (U)	1970
19730069124	A high efficiency induction motor amplifier system	1970
19730069126	CSM/LM Spacecraft Operational Data Book, Volume 2	1970
19730069132	The square root of the state covariance in the consider mode	1970
19730069162	Infrared spectra of molecules and materials of astrophysical interest	1970
19730069210	Extreme temperature requirements for spacecraft electronics parts: The high temperature flyby case	1970
19730069268	Stress corrosion one year coupon test report	1970
19730069286	Report of test on indicator lights, 2-lamp, modular display type, style LHC 93 of MIL-L-3661/71 EC and MIL-L-3661B. Original test data	1970
19730069316	AFRPL high-altitude plume radiation program. Part 1: Test plan	1970
19730069317	AFRPL high-altitude plume radiation program. Part 2: Data handling requirements	1970
19730069354	Qualification status of IH/missile variable resistor from computer instruments	1970
19730069422	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19730069431	Thermal stress survey for the AN/URC-9 transceiver with various B-1051/URC-9 blower systems	1970
19730069456	Qualification status of TMC systems crystal filter	1970
19730069552	Transmission line 1, CDF, transmission 3, CDF	1970
19730069628	ADSID 3/S test report, volume 2 (U)	1970
19730069797	TRISAT engineering report. Volume 1: Problem definition (U)	1970
19730069926	CSM/LM spacecraft operation data book. Volume 1: CSM data book. Part 1: Constraints and performance	1970
19730069927	Lunar module systems handbook LM-8 vehicle	1970
19730069929	Apollo 13 LM-7 descent propulsion system final flight evaluation	1970
19730069931	Development of the carbon monoxide atmospheric pollution experiment	1970
19730069932	Annual review of research and advanced development (OART), 1 July 1969 - 30 June 1970	1970
19730069940	Nuclear flight system definition study	1970
19730069974	Ground wind and wind tunnel velocity measurements, volume 1	1970
19730070071	Reliability study of mechanical bathythermograph	1970
19730070074	Feasibility study of production application for technical drawing pens	1970
19730070120	Specification control drawing for flip-flop, electronic-integrated circuit, clocked, diode transistor logic	1970
19730070123	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070124	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19730070125	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19730070135	Biological effects of fields of the siege array	1970
19730070177	Evaluation of fixed, film (insulated) established reliability resistors	1970
19730070179	Reliability analysis of various blower assemblies on the AN/URC-9 receiver-transmitter	1970
19730070181	Evaluation of fixed, film (insulated), established reliability resistors	1970
19730070182	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19730070183	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19730070185	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1970
19730070195	Test, evaluation and comparison of mechanical speed increaser blowers	1970
19730070227	Operational abstracts of research reports published during the period 1 January 1970 - 1 July 1970	1970
19730070228	Operational abstracts of research reports published during the period 1 July - 31 December 1970	1970
19730070251	An investigation of parachute opening loads, and a new method for their determination	1970
19730070252	Stress analysis of spacecraft parachutes using finite elements and large deformation theory	1970
19730070253	Parawing technology for spacecraft land landing	1970
19730070319	Production SST parametric engine studies mission analysis	1970
19730070347	Qualification of connectors. Connector, electrical, plug only, high voltage, captive, micro miniature, rectangular, hermetically sealed	1970
19730070352	C-5 hydraulic power generation failure effects analysis	1970
19730070362	Qualification status and testing of Motorola semi for 10179910	1970
19730070376	Electrostatic recording system	1970
19730070901	Manned space flight network operational reliability assessment for Apollo mission AS-507	1970
19730070902	Manned Space Flight Network predicted operational reliability for Apollo mission AS-508	1970
19730071005	Reflectance measurements in the 0.6 to 2.5 micron part of the spectrum	1970
19730071008	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components	1970
19730071153	Negative G drone aircraft surface tension fuel system	1970
19730071165	Stress-corrosion cracking of high-strength aluminum alloys	1970
19730071253	Drone reliability analysis	1970
19730071255	Thermal stresses in the silicon and its mounting material in IC packages	1970
19730071313	The synthesis and thermooxidative degradation of poly benzimidides and related model compounds	1970
19730071442	Qualification status of resistor 10178303 from Pyrofilm Resistor Company	1970
19730071545	Blast gauge for measuring shocks with short wavelengths	1970
19730071560	Design and development of a fifteen hundred horsepower regenerative turbine for use in Army ground vehicles	1970
19730071561	Quality assurance. Guide to specifying NDT in material life cycle applications	1970
19730071855	Comparison of scaled shock attenuation treatments using electrostatic probes to detect residual wake reflection behind hypersonic spheres	1970
19730071883	A space station prototype environmental thermal control and life support system	1970
19730072186	Semiconductor device controlled rectifier	1970
19730072189	Computer simulation equations for the Digital Attitude Reference System (DARS)	1970
19730072277	Receiving set AN/ARG-28-left jab test observation report, volume 1 (U)	1970
19730072278	Integrated observation system evaluation and report, volume 3A (U)	1970
19730072398	Airborne STANO systems (part 1) test plan, volume 1 (U)	1970
19730072612	Structural test report heat shield/fairing. Athena H, 4 August - 2 October 1970	1970
19730072618	Engineering evaluation test report, distribution unit, umbilical number 1	1970
19730072687	Engineering evaluation test report, generator, gas-TVC	1970
19730072689	Engineering evaluation test report, cartridge, gas generator electronic battery	1970
19730072690	Engineering evaluation test report, SOFAR signal, type 1, type 3 and type 4	1970
19730072723	Transformer, power, stepdown	1970
19730072724	Transformer, power, stepdown	1970
19730072732	Feasibility design study for motor blower/electric frequency converter system for MCPE	1970
19730072747	Switch assembly, thumbwheel, solenoid locking	1970
19730072949	Transistors: Field effect, dual N-channel, matched	1970
19730072972	Wind tunnels and test rigs of the Department of Aeronautics, Imperial College	1970
19730072993	Research Report, 1970	1970
19730073052	Qualification test report on variable resistors	1970
19730073055	Tension impact tests on nylon webbing structures	1970
19730073076	Instantaneous population densities of the excited levels of hydrogen atoms, hydrogen-like ions, and helium atoms in optically thin and thick non-LTE plasmas	1970
19730073178	Airborne searchlight. Volume 1: Detailed plan of test	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073179	Airborne searchlight. Volume 2: Implementation plan	1970
19730073180	Airborne searchlight. Volume 3: Test report	1970
19730073188	ILLIAC 4 software study. Volume 2: ILLIAC 4 high level simulation	1970
19730073189	ILLIAC 4 software study. Volume 3: ILLIAC 4 BMD task programming	1970
19730073361	The 1970 Government Microcircuit Applications Conference digest of technical papers	1970
19730073494	Noise tests on the SW930 series and the 300 series NAND gates	1970
19730073819	The existence, nature, and behaviour of the set-point in the human thermostat	1970
19730073942	Engineering evaluation test report: Flexiplug, flight control	1970
19730073989	AGM-69A (SRAM) environmental control subsystem design analysis and descriptive data-missiles	1970
19730074470	Qualification test report on capacitors. Capacitor, fixed, ceramic, dipped, lead mount	1970
19730074471	Qualification test report on capacitors. Capacitor, fixed, electrolytic, aluminum, metallic case, lead mount (commercial standards)	1970
19730074472	Qualification test report on capacitors. Capacitor, fixed, electrolytic, aluminum, metallic case, lead mount (commercial standards)	1970
19730074540	Engineering evaluation test report: Gyro package, flight controls, US time	1970
19730074593	Apollo 10 mission report. Supplement 4: Service propulsion system	1970
19730074612	Failure rate estimates for thin-film hybrid preamplifiers W71 sensor R model	1970
19730074670	Mission data for the 2707-300 PPD airplane	1970
19730074729	Air Transport Association Collision Avoidance System CAS power budget models and intrasystem interference	1970
19730074743	Evaluating inertial guidance acceptance and performance tests	1970
19730074744	Chi square analysis of a G-200 gyroscopes returned by the user versus units not returned	1970
19730074761	Antenna, AN/APN-141	1970
19730074763	Rotary switch	1970
19730074775	Tensile properties of Hastelloy N. welded after irradiation	1970
19730074781	Reference diode	1970
19730074812	Radar set GD-205 (A and B models) test report, volume 2	1970
19730074813	SNS/COBRA test plan, volume 1	1970
19730074862	Integrated circuit digital TTL logic, quad two NAN/NOR gate	1970
19730074863	Resistor, variable	1970
19730074864	Variable resistor	1970
19730074878	Capacitor, variable. Polystyrene, sealed metal case, Mk 86 fire control	1970
19730074887	Socket, tube	1970
19730074898	Blower, centrifugal. Mk 86 fire control	1970
19730074900	Integrated circuit, voltage follower. Mk 86 fire control	1970
19730074901	Capacitor, fixed, film. Mk 86 fire control	1970
19730074902	Blower, saucer type. Mk 86 fire control	1970
19730074903	Integrated circuit, 4 bit storage register. Mk-86 fire control	1970
19730075038	Manipulation of thin gauge FV 520 PH stainless steel sheet	1970
19730075120	Review and analysis of Skylab ATMDC navigation and timing accuracy	1970
19730075127	Solar electric multi-mission spacecraft	1970
19730075154	Interrelationships among host, intestinal microflora, and diet	1970
19730075290	Connector coaxial screw on coaxial plug, accommodate RG 187/U, cable clamp feature, 50 Ohm impedance	1970
19730075292	Connector, coaxial	1970
19730075293	Adapter, coaxial, type N female to TNC female, 50 Ohms impedance, 0 to 10 GHz frequency range, rated 1500 VRMS	1970
19730075315	Indicator - Radar altimeter	1970
19730075319	Connector, Axial	1970
19730075334	Connector, coaxial. Mk 86 fire control	1970
19730075386	Integrated circuit, operational amplifier, linear. Mk 86 fire control	1970
19730075461	G-200 gyroscope center of buoyancy test and performance test evaluation	1970
19730075486	G-200 gyroscope float repeatability analysis	1970
19730075955	SST parametric engine library - design	1970
19730076007	Gyroscope float acceptance and performance tests evaluation: Review of a project	1970
19730076018	Rotary switch	1970
19730076019	Integrated circuit, analog gate	1970
19730076037	Integrated circuit, monostable multivibrator	1970
19730076038	Diode, zener	1970
19730076049	Transistor, MOS FET	1970
19730076066	Capacitor, metallized polycarbonate	1970
19730076094	Engineering evaluation test report cable, rate gyro, FUD tray	1970
19730076095	Engineering evaluation test report R/B arming and fusing cable	1970
19730076096	Engineering evaluation test report, transmission line 1, coaxial	1970
19730076120	Acoustic antenna gas generator program	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076161	Integrated circuit, voltage comparator, linear, Mk 86 fire control	1970
19730076207	Integrated circuit, decoder driver. Mk-86 fire control	1970
19730076208	Integrated circuit analog switch. Mk-86 fire control	1970
19730076209	Integrated circuit, triple two-input buss driver, 5V supply. MK-86 fire control	1970
19730076210	Integrated circuit monostable multivibrator. Mk-86 fire control	1970
19730076246	Integrated circuit, dual operational amplifier. Mk-86 fire control	1970
19730076477	Flight Test Plan SLV-1A Vehicle S-176C	1970
19730076497	Reactor Powered Space Station Reference Design Document	1970
19730076586	Transistor, junction FET	1970
19730076587	Integrated circuit, digital T2L logic, hex inverter	1970
19730076590	Rotary switch	1970
19730076618	Waveguide adapter	1970
19730076628	Capacitor, variable	1970
19730076630	The rain erosion of aluminum at supersonic velocity	1970
19730076678	Integrated circuit, high speed operational amplifier, Mk-86 fire control	1970
19730076725	Cost analysis: What is it, what should it be?	1970
19730076805	Synthesis of structural components	1970
19730076838	Infrared miniaturized intrusion device test plan. Volume 1: IMID test plan	1970
19730076839	Dynalens 1000 mm camera system test plan. Volume 1: Dynalens test plan	1970
19730076840	Improved position locator test plan. Volume 1: IPL test plan	1970
19730076913	IOS/ARPA big screen. Volume 2: Implementation plan	1970
19730076917	G-200 gyro wheel noise study	1970
19730077164	Qualification status of Intronics, Incorporated multipliers APN 10671456	1970
19730077229	Operational amplifier application	1970
19730077258	Diode, voltage capacitance	1970
19730077270	Engineering evaluation test report, cable assembly, guidance, electrical checkout E/S-FSA	1970
19730077278	Mechanical data evaluation of D6AC steel welds	1970
19730077280	Capacitor, variable	1970
19730077282	Lamp assembly	1970
19730077288	The 115V, 400HZ, 5200 RPM, 72 watts full load, 104 CFM at free delivery	1970
19730077291	Linear integrated circuit, operational amplifier	1970
19730077322	The effect of rotor blade tip Mach number on the power coefficient required for level flight of a helicopter	1970
19730077434	Applications of the R.A.R.D.E. electron probe microanalyser	1970
19730077444	Conference Proceedings of the Data Exchange for Inertial Systems (2d)	1970
19730077477	Synthesis of primary box components	1970
19730077619	Developments in the lifting surface theory treatment of symmetric planforms with a leading edge crank in subsonic flow	1970
19730077623	DSN capabilities and plans. Volume 1: Description of deep space network capabilities as of 1 July 1969	1970
19730077770	ILLIAC 4 software study. Volume 1: BMD algorithm and file structure on ILLIAC 4	1970
19730077782	G-200 gyroscope float repeatability analysis	1970
19730077793	Relay, vacuum, high voltage	1970
19730077794	Relay, 2 PDT	1970
19730077925	Geometry and weight synthesis adapted for use in the combat aircraft synthesis program	1970
19730078135	Transistor, n-p-n	1970
19730078145	Reference diode	1970
19730078148	Reference diode	1970
19730078152	Photo transistor	1970
19730078157	Aerobee 170 NASA 13.07 GE (21 September 1970)	1970
19730078159	DSCS advanced modulation system study. Part 2, volume 4: Technical support data	1970
19730078167	Connector, coaxial	1970
19730078168	Connector, coaxial, 50 OHM impedance, cable mount, snap-on type, miniature	1970
19730078195	Resistor, variable, wire bound	1970
19730078215	Connector, block	1970
19730078216	Connector, block	1970
19730078217	Connector, receptacle	1970
19730078237	Integrated circuit, monostable multivibrator. MK-86 fire control	1970
19730078238	Integrated circuit, voltage comparator/buffer. MK-86 fire control	1970
19730078244	Tumble test report--G-200	1970
19730078271	Vibration relaxation in oxygen: Measurement and critical considerations	1970
19730078413	IOS/ARPA big screen. Volume 1: Detailed plan of test (U)	1970
19740023873	Intensity ratio of principal-series doublets of the alkali metals	1970
19740072071	Materials and fabrication methods for deployable thin film structures used in space operations	1970
19740072420	Bibliography of biosatellite research	1970
19740072620	Twenty-two micron lunar scanning program	1970
19740072623	Closing astronomy's last frontier, far infrared	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740072708	Performance of the lunar module reaction control system	1970
19740072963	Apollo 11 entry postflight analysis	1970
19740072964	Single-stage launch from the surface of Mars	1970
19740072979	Deployable parabolic antenna 14 feet diameter	1970
19740073069	Final Report, 1 May 1969 - 30 Apr. 1971	1970
19740073172	Optical aspect system for the small scientific satellite (S3-A)	1970
19740073564	Global solutions by parameter continuation for a class of nonlinear singular integral equations	1970
19740073593	Photographic data computer program: GEMSORT	1970
19740073668	An improved deterministic method for finding relative orbital state from angle measurements	1970
19740073729	Using APL to investigate sequential machines	1970
19740073763	Thermionic spacecraft design study	1970
19740073806	Baloon-borne X-ray polarimetry	1970
19740074249	Transonic aerodynamic characteristics of a manned lifting entry vehicle with modified tip fins	1970
19740074503	Inverter power static 1250 VA	1970
19740074678	Anomaly patterns of climate over the western United States, 1700-1930, derived from principal component analysis of three-ring data	1970
19740074834	Tolerance of nonlinearities in the state transducers of a class of optimal control problems	1970
19740074835	Performance index sensitivity of optimal control systems	1970
19740074836	Stability analysis of symmetrical two-dimensional nonlinear control systems	1970
19740074922	Dual trace theory and the consolidation of long-term memory	1970
19740075000	A computer program to study the motion and appendage stresses of a satellite deploying a number of asymmetrical segmented appendages (N-boom). Volume 2: Programmer's manual	1970
19740075025	Apollo 8 Mission Report. Supplement 3: Performance of the Command and Service Module Reaction Control System	1970
19740075031	Subsonic performance characteristics of the DC-3 shuttlecraft booster and orbiter	1970
19740075095	Precision measurement of the fine structure and lifetimes of the (1s2s2p) (4 P J) states of He (minus and Li	1970
19740075096	Excitation of acoustic-gravity waves in an isothermal atmosphere	1970
19740075373	Symmetric linear time-variable networks and the theory of finite groups	1970
19740075856	Handbook for weight estimating and forecasting of manned space systems during conceptual design, volume 2	1970
19740076044	Auxiliary resources, population factor and quality of life	1970
19740076064	Sensitivity of optimal control systems with bang-bang control	1970
19740076065	Modeling of linear systems: A time domain approach	1970
19740076066	Necessary conditions for optimal control of systems with specified structure	1970
19740076067	Modeling of linear systems from given sets of sequences	1970
19740076068	Modeling, simulation and economic control of generalized hydrothermal power systems	1970
19740076082	Brain temperature and cutaneous blood flow in the anesthetized pig	1970
19740076083	Studies of peripheral circulatory rhythms in resting and exercising humans	1970
19740076127	Space shuttle technology requirements	1970
19740076195	High-temperature vaporization and thermodynamics of the titanium oxides, 7: mass spectrometry and dissociation energies of TiO(g) and TiO ₂ (g)	1970
19740076347	Fundamental interactions at high energy, 2	1970
19740076388	The general and comparative biology of toxic metals and their derivatives: Mercury and lead	1970
19740076542	Effective sampling rates for discretized control systems	1970
19740076543	GESAC	1970
19740076544	An analytic and computer study of the jump phenomenon in the ferroresonant regulating circuit	1970
19740076698	OGO-4 study	1970
19740076699	A satellite ion-electron collector: Experimental effects of grid transparency, photoemission, and secondary emission	1970
19740076718	Specification for screening elastomers relative to aging resistance	1970
19740076723	Energetic electrons and protons observed on OGO-5, March 6-10, 1970	1970
19740077165	Performance index sensitivity of optimal control systems	1970
19740077265	Computer discrimination procedure comparisons using film optical densities	1970
19740077270	Apollo 9 mission report. Supplement 8: Descent propulsion system final flight evaluation	1970
19740077273	Apollo mission 12, trajectory reconstruction and postflight analysis, volume 1	1970
19740077304	System optimization with specified controller structure	1970
19740077374	Mitotic inhibition and nucleic acid synthesis in amoeba nuclei	1970
19740077378	A superposition model of the spontaneous activity of cerebellar Purkinje cells	1970
19740077451	Apollo 12 guidance, navigation and control system performance analysis	1970
19740077500	Noncontact measurement of the bulk resistivity of metals	1970
19740077528	Annual report	1970
19740077539	Evaluation of nonmetallic thermal protection materials for the manned space shuttle: Volume 2: Experimental verification of planned evaluation procedures for surface insulator material candidates	1970
19740077540	Binocular vision and pattern recognition	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740077557	Stress analysis of JPL end burning de-orbit solid propellant motor	1970
19740077559	Dual-mode manned/automated lunar roving vehicle design definition study	1970
19740077564	Nuclear rocket uncooled nozzle study program	1970
19740077635	Genetic engineering and life synthesis: An introduction to the review by R. Widdus and C. Ault	1970
19740077652	Seismic refraction profiles of the ash flow in the Valley of Ten Thousand Smokes, Katmai National Monument, Alaska	1970
19740077737	Nature and changes of organic matter in deep ocean cores	1970
19740077747	F-1A Task Assignment Program	1970
19740077766	Production of organic compounds by proton and deuteron irradiation of inorganic solids	1970
19740077798	Somatic sensory projections in cerebral cortex of sheep	1970
19740077799	External morphology of marsupial brains	1970
19740077802	A unified approach to the problem of gaseous jet penetration into a supersonic stream	1970
19740077806	Influence of chemical reactions on fluxes of non-electrolytes across membranes	1970
19740077879	An investigation of volcanic depressions. Part 4: Origin of hole-in-the-ground, a maar in central Oregon	1970
19740077887	Lunar studies	1970
19740077909	Altitude developmental testing of the J-2S rocket engine in rocket development test cell (J-4) (test J4-1001-06, -07 -11, and -15)	1970
19740077914	Altitude developmental testing of the J-2S rocket engine in rocket development test cell (J-4) (tests J4-1001-08 through -10 and J4-1001-12 through -14)	1970
19740077920	Altitude developmental testing of the J-2S rocket engine in rocket development test cell (J-4) (tests J4-1902-13 through J4-1902-15)	1970
19740077928	Altitude developmental testing of the J-2S rocket engine in rocket development test cell (J-4) (tests J4-1902-08, -11, and -12)	1970
19740077930	Altitude developmental testing of the J-2S rocket engine in rocket development test cell J-4 (tests J4-1001-16 through -20)	1970
19740077931	Altitude developmental testing of the J-2S rocket engine in rocket development test cell (J-4) (tests J-4-1001-04 and J-4-1001-05)	1970
19740077944	Applications of mass spectrometry to organic geochemistry	1970
19740077954	Manual of multiband photography, volume 1	1970
19740078037	Energy, air quality, and the systems approach	1970
19740078166	Investigations in the theory of lunar orbiters	1970
19740078200	Design concepts for fiber-metal matrix composites for advanced gas turbine blades	1970
19740078301	In situ measurements on microbial respiration in soils and salt flats	1970
19740078308	Life detection based on soil atmosphere analysis	1970
19740078520	Final calibration and operational predictions for LM phase 3 tests	1970
19740078527	Gravity traverses in the Valley of Ten Thousand Smokes, Katmai National Monument, Alaska	1970
19740078631	Evolution towards steady state in membrane transport problems	1970
19740078889	Three-stage turbine presentation to NASA-Lewis	1970
19740078920	Solar-powered space station preliminary design. Volume 9: FMEA data analysis, hazards analysis	1970
19740078946	Development of waste collection devices for Apollo program	1970
19740078960	Some effects of flow stream gettering on alkali metal corrosion	1970
19740078969	Orbiting Geophysical Observatories OGO: EGO and POGO	1970
19740078971	Program description of the data reduction program for experiment 19 of OGO-D	1970
19740079169	A research program in determination of heavy metals in sediments and benthic species in relation to nuclear power plant operation	1970
19740079170	Data analysis program for the OGO E-24 plasma wave detector	1970
19740079436	A high gain autotrack antenna system for a low altitude satellite utilizing a data relay satellite system, volume 2	1970
19740079439	The design of a VHF to S-band varactor up-converter	1970
19740079519	Study of J-2S engine impact on Saturn 5 launch operations	1970
19740079866	Description and user's guide for a processing system for airborne multispectral scanner data	1970
19740079901	Early effects of monoenergetic low-energy electrons on pig skin	1970
19740079910	Skylab experiments review	1970
19740079928	Apollo 9 mission report: Performance of the command and service module reaction control system, supplement 4	1970
19740080071	Dynamic testing of a single degree-of-freedom strapdown gyroscope	1970
19740080583	Independent research and exploratory development	1970
19740080653	Integrated circuit, dual line receiver, Mk-86 fire control	1970
19740080668	Integrated circuit, power amplifier, linear. MK 86 fire control	1970
19740080672	XM76 antioscillation sighting system test plan, volume 1	1970
19740080847	Limits of energy transport in heat pipes	1970
19740080848	A heat pipe of new design: The threaded artery heat pipe	1970
19740080894	Infrared minaturized intrusion detector test report. Volume 2: IMID test report (U)	1970
19740080897	Defense communications planning group phase 3 field experiment plan. Volume 1: DCPG phase 3 field experiment plan (U)	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080947	MASSTER 2 test report, volume 2 A (U)	1970
19740081199	Surface properties of carbon fibers	1970
19740081275	Energetic particles and fields	1970
19740081597	Pioneer outer planets missions	1970
19740081625	Payload effects analysis	1970
19740081901	Geometric effects on the performance characteristics of very small nozzles	1970
19740082097	Engineering valuation test report cord, detonating, 11 GR/FT	1970
19740082158	Plastic rotating bands: A literature search (U)	1970
19740082200	MINISID 1D evaluation and report, volume 3 (U)	1970
19740082518	Safety of the separately launched multiuse space electrical power system. Phase 2: Preliminary nuclear safety review and documentation	1970
19740082776	Electron beam nanosecond pulse generator study (U)	1970
19740082975	Study of thin resin layers loaded with cargo and/or metal pigments (U)	1970
19740083671	DSTIFS digital simulation of a variable stability total in-flight simulator	1970
19740084054	Countersurveillance technique test program (U)	1970
19740084148	A study of the effect of a boundary layer along a nozzle wall on the plume flow field	1970
19740084228	Engineering evaluation test report detonator, EBW-type 1 (EG and G)	1970
19740084732	Nickel 270-ROD, bar, sheet and strip	1970
19740084856	Apollo 13 mission report, supplement 2: Descent propulsion system final flight evaluation	1970
19740084857	Consumables analysis techniques for the service propulsion subsystem	1970
19740084895	An integrated research program in space nutrition	1970
19740084958	Institute for Teletransmission Theory	1970
19740085389	Economics of The Geysers geothermal field, California	1970
19740085434	Incident report: X-24 engine fire	1970
19740085484	Investigation of fluidic controls for closed Rankine cycle power plants	1970
19740085814	O2N2 system maintenance analysis report	1970
19740085857	Apollo 11 mission report, supplement 4: Service propulsion system final flight evaluation	1970
19740085951	Apollo 11 mission report. Supplement 7: Descent propulsion system final flight evaluation	1970
19740086237	Engineering evaluation test report valve, servo	1970
19740086258	Six field return disk file heads with electrically leaky diodes	1970
19740086268	Corrosion of transistor leads on printed circuit boards of two Hyperion power supplies	1970
19740086361	Sensor models for SCREEN	1970
19740086423	Failure analysis report, log 2322, Bourns trim pots	1970
19740086587	Designer's guide for deep-ocean ship moorings	1970
19740086706	A study of NASA literature search strategies, phase 2	1970
19740086843	X-band Travatron transmitter	1970
19740087088	Minutes of Meteoroid Analysis Criteria	1970
19740087089	Optimized CSM meteoroid shielding for the Skylab mission	1970
19740087090	CSM meteoroid reliability study probability of crew safety for 56-day Skylab mission	1970
19740087091	Hypervelocity impact tests of pressurized tanks	1970
19740087126	Examination of GM Defense Research Laboratories hypervelocity impact test specimens	1970
19740087201	Integrated operations/payloads/fleet analysis, phase 2	1970
19740087220	Confidence limits on a Poisson distribution function as applied to meteoroid analysis	1970
19740087253	Real-time simulation of aircraft using digital computers	1970
19740087254	On the calculation of tangential thrust trajectories in central force fields	1970
19740087381	A compendium of zone radiometry measurements of exhaust plumes	1970
19740087410	ZrH reactor: Organic Rankine system for NASA space base	1970
19740087481	Cryogenic insulation deflagration/detonation sensitivity test report	1970
19740087679	DHC-6 control column fatigue test	1970
19740087779	The application of operations analysis to achieve major cost savings in the repair process at AGMC	1970
19740088356	Evaluation of mechanical properties and stress corrosion resistance of ARMCO PH14-8Mo vacuum melted	1970
19740088420	Energy absorption system	1970
19750063818	A strategy for the geologic exploration of the planets	1970
19750063872	Magnetic properties of lunar dust and rock samples	1970
19750064244	Space station phase B definition study. MSC comparability data for contract NAS9-9953 experiments panel	1970
19750064509	Results from medium-energy intranuclear-cascade calculation	1970
19750064562	On the determination and optimization of nominal trajectories for the reentry phase of the Space Transportation System (STS)	1970
19750064572	Derivation of the FP-7 LM AGS filter equations	1970
19750064582	Physicochemical food system studies	1970
19750064592	Lunar descent and ascent trajectories	1970
19750065650	Alternate space shuttle concepts study	1970
19750065651	Alternate space shuttle concepts study	1970
19750065659	Alternate space shuttle concepts study, project progress and status letter	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750065689	Investigation of thrusters for cryogenic reaction control systems, revision 1	1970
19750066473	Gas-phase acidities of amines	1970
19750066508	Geometrically Nonlinear Structural Analysis by the Direct Stiffness Method	1970
19750066562	Investigation of cosmic-ray produced fast neutrons in the atmosphere	1970
19750066568	Certain stability problems in nonlinear networks	1970
19750066755	Computer program documentation guidance 5 program	1970
19750066911	Apollo postretrieval procedures for NASA recovery team	1970
19750066919	Solar/vacuum test results for thin-film meteoroid sensors	1970
19750067794	Closed-loop control of stochastic nonlinear systems	1970
19750068957	Multiple regression analysis of consolidated radiation effects data, NERVA materials tensile properties of inconel 718 (parent metal) at high temperatures (1200-2000 degrees R)	1970
19750068958	The s110-XAN08-W181F1, s110 radiation effects analysis report-nozzle	1970
19750068959	The s110-GTR21-W183: Final report, GTR-21 test 37R017, high temperature radiation effects on Rene 41, Waspaloy, and Inconel 718	1970
19750069106	Mapping from space photographs of quaternary geomorphic features and soil associations in Northern Chihuahua and adjoining New Mexico and Texas	1970
19750069136	I and C analysis report on engine controllability (NJD-0026)	1970
19750069137	Program plan for development of the Instrumentation and Control (I and C) system for the NERVA engine. Volume 2: Appendices	1970
19750069288	Airborne fluorometer applicable to marine and estuarine studies	1970
19750069505	NERVA engine purge unit requirements	1970
19750069506	Diluent and bolt-coolant flows for the NERVA hot-bleed engine	1970
19750069507	NERVA engine materials plan	1970
19750069508	75K NERVA thermal and fluid flow analysis report	1970
19750069509	Replaceable shield design study	1970
19750069510	NERVA management plan. Volume 1: Management system	1970
19750069511	NERVA materials program plan	1970
19750069512	Thermal and fluid flow analysis report for NERVA nozzle extension	1970
19750069876	Space Shuttle System Design Reference Mission	1970
19750069894	Nuclear rocket uncooled nozzle study program	1970
19750069897	Replacable sheila design study	1970
19750069898	Quarterly progress report for second quarter CY 1970, January, February, and March 1970	1970
19750069900	NERVA test support equipment and aerospace ground equipment plan	1970
19750069901	NERVA engine purge unit requirements	1970
19750069904	Maintainability, in flight and ground	1970
19750069905	Preliminary evaluation of a proposed scheme for hydrogen recovery from the NERVA turbopump assembly development program	1970
19750069906	NERVA engine/ETS-1 facility compatibility safety study	1970
19750069907	Design requirement sheets for the pressure-vessel and closure subsystem	1970
19750069908	Design requirement sheets for the Gimbal Assembly Subsystem, EC 90244	1970
19750069909	Oval versus U-tube NERVA nozzle divergent section design study, 5054-DS301-W141-36	1970
19750069910	NERVA contamination and corrosion control plan	1970
19750070109	Earth resources program synopsis of activity	1970
19750070176	Multiplexer location study	1970
19750070177	Oval versus U-tube NERVA nozzle divergent section design study	1970
19750070178	NERVA nozzle bolt coolant system design study report, s054-DS301-W141-24	1970
19750070179	Radiation effects analysis report: Pressure vessel and closure, s110-XAV12-W181fl	1970
19750070186	NERVA altitude simulation system. Exhaust duct preliminary design. Volume 7: PDR, F008-NAS01-W224	1970
19750070508	NERVA altitude simulation system. Exhaust duct preliminary design (F008). Preliminary design report, F008-NAS01-W224, volume 1	1970
19750070522	Preliminary NERVA test program plan, T101-CP090290-F1	1970
19750070525	NERVA radiation effects summary report, S110-SR01-W181	1970
19750070526	Reference mission data book for NERVA design, S114-CP090290-F1. Volume 2: Detailed tabular computer data	1970
19750070527	NERVA altitude simulation system exhaust duct. Preliminary structural analysis	1970
19750070554	NERVA nuclear propulsion presentation	1970
19750070557	Design requirement sheet: Engine, NERVA, 75K, full flow	1970
19750070562	NERVA altitude simulation system. Exhaust duct preliminary design (F008). Preliminary hazards analysis, F008-NAS01-W224, appendix E.	1970
19750070563	Concept design study of gimbal bearing assemblies for NERVA (preliminary)	1970
19750070570	First draft: Preliminary WANL input to control drum drive assembly, part of nerva nuclear subsystem failure mode, effects and criticality analysis	1970
19750070576	ETS-1 acoustic modification detonation test evaluation	1970
19750070970	Effect of Freestream Turbulence on Local Heat Transfer from a Sphere	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750070985	NERVA altitude simulation system. Exhaust duct preliminary design (F008). Preliminary design drawings, F0080NAS01-W224, volume 2	1970
19750070986	NERVA altitude simulation system. Exhaust duct preliminary design (F008). Preliminary fabrication specification no. 210-3352-G-002, volume 3	1970
19750071002	NERVA TPA and value test facilities allocation and cost study	1970
19750071008	AGC dual mode pump tests. Experimental plan 3	1970
19750071009	NERVA technology reactor integrated with NASA Lewis Brayton cycle space power systems	1970
19750071013	Engineering design sheet: Design and test requirements for NASS exhaust duct system	1970
19750071014	NERVA altitude simulation system. Exhaust duct preliminary design(F008). Preliminary dynamic analysis, F008-NAS01-W224, Appendix C	1970
19750071015	NERVA altitude simulation system. Exhaust duct preliminary design. Preliminary nuclear analysis, appendix D	1970
19750071016	NERVA altitude simulation system. Exhaust duct preliminary design. Preliminary reliability analysis	1970
19750071017	NERVA altitude simulation system. Exhaust duct preliminary design. Preliminary facility interface sheets, volume 4	1970
19750071019	NERVA altitude simulation system. Exhaust duct preliminary design (F008). Preliminary facility interface sheets (S-58), F008-NAS01-W224, Volume 4	1970
19750071024	NERVA altitude simulation system. Exhaust duct preliminary design. Conceptual design drawings and layouts, appendix H	1970
19750071500	ETS-1 operations summary report for period 1963 - 1969, volume 2	1970
19750071503	Chamber-pressure-optimization trade study for the full-flow NERVA engine	1970
19750071507	NERVA altitude simulation system. Exhaust duct preliminary design (F008). Preliminary aerodynamic and thermodynamic analysis, F008-NAS01-W224, appendix A	1970
19750071508	NERVA altitude simulation system. Exhaust duct preliminary design (F008). Preliminary design drawings, F008-NAS01-W224, Volume 2	1970
19750071510	Performance design and product confirmation requirements for steam generation and delivery system	1970
19750071511	Engine Test Stand no. 1 (ETS-1) facility requirements document	1970
19750071513	ETS-1 grounding system, site test report	1970
19750071554	Certification methodology assures complete and operational computer programs, m001-CSC05-W236a2	1970
19750071555	NERVA transportation modes	1970
19750071556	NERVA altitude simulation system. Exhaust duct preliminary design (F008). Material selection, quality assurance, and fabrication evaluation, appendix G	1970
19750071557	NERVA altitude simulation system. Exhaust duct preliminary design. Preliminary dynamic analysis, appendix C	1970
19750071559	ETS-1 operations summary report for period 1963 - 1969, volume 1	1970
19750071569	NERVA component specifications. Preliminary section 4: Book 1	1970
19750071954	Hypersonic research engineering project. Phase 2: AiResearch computer program H1760 aerodynamic heat transfer evaluation	1970
19750071958	Optimization of Pc for NSS, trade study no. 717	1970
19750071973	Propulsion/electrical power generation project 395 (including WANL Project 495)	1970
19750071994	Control drum actuator design concepts, trade study no. 764	1970
19750071995	PAX-G2 fission flux distribution measurements	1970
19750071996	Structural support coolant valve actuator, trade study no. 755	1970
19750071999	Nuclear rocket uncooled nozzle study program	1970
19750072001	NERVA engine natural environment, S023-CP-090290-F1	1970
19750072215	Demand-actuated multiplexing	1970
19750072480	A description of the mathematical modelling of the ELDO vehicle	1970
19750072640	Flexural vibrations of a laminated plate	1970
19750072814	Investigation of plastic filter cloths	1970
19750073035	Thermal stability of restartable rocket nozzle throat materials	1970
19750073240	Prevention of metallic galling	1970
19750073243	Design and performance of Apollo 25 IRIG ball bearing wheel (081 configuration)	1970
19750073291	Command module guidance computer software requirements: Mission AS-204	1970
19750073320	Brake, electrical-magnetic, wafer	1970
19750073351	AN/APN-187 Doppler antenna radome	1970
19750073421	Propagation of a pure sound in a circular enclosure	1970
19750073628	WTVMAC: A graphics program for plotting weight versus center of gravity (percent MAC) (program P5424)	1970
19750074580	Project PRESS operation and data summary, mission SSTTP-M1-4, part 1 (U)	1970
19750074814	Tactical application of laser technology study (U)	1970
19750074870	Microwave generation from avalanche transit time diodes	1970
19750074920	Reports related to high speed/high enthalpy facilities at RAE, Farnborough	1970
19750074923	Civil aircraft airworthiness data recording programme; stall margins associated with the retraction and extension of wing flaps on two current turbojet transport aircraft	1970
19750074952	F H type 1 sketch design for the Canadian Armed Forces (U)	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074998	A survey of thermodynamic properties of the compounds of the elements CHNOPS	1970
19750075376	Interagency Mechanical Operations Group (IMOG) steering committee. Meeting 24, December 1970	1970
19750075468	Evaluation of new airportable lightweight containers	1970
19750075623	Training for small independent action forces. Program description no. 19: Airmobile procedures	1970
19750075997	Senior professional schools: The Air Force and business approaches	1970
19750076006	EMI/EMC test for AN/GRA-114 radio system	1970
19750076047	Interagency Mechanical Operations Group (IMOG) Subgroup on Gaging	1970
19750076073	Compatibility of uranium-plutonium carbides, containing up to 0.86 wt percent oxygen, with nickel and nickel alloys	1970
19750076233	Training for small independent action forces. Program description no. 17: Intelligence	1970
19750076234	Training for small independent action forces. Program description no. 15: Use of image intensification devices	1970
19750076235	Training for small independent action forces. Program description no. 7: Use of aerial photos	1970
19750076513	Environmental pollution control program	1970
19750076531	EMI test report on radio set AN/GRA-74	1970
19750076660	Title is classified	1970
19750076828	Report on integration of fusion reactors into power networks	1970
19750076955	Optimization of spatial and functional structures of information systems	1970
19750076958	Review of hypervelocity dust and rain erosion test facilities in the United States	1970
19750077068	Results of structural integrity tests and damage investigations for bombarded components of type RF-84-F aircraft	1970
19750077183	Excitation, transmission and radiation of sound from sources in ducts. Part 3: Sound field of a source distribution in a hard-walled duct with reflecting terminations and no mean flow	1970
19750077244	Test calculations with the ABMAC incompressible hydrodynamic code	1970
19750077421	Photographs of structural damage to wings and rear fuselage of the RF-84-F: Evaluation of the effect of munitions on aircraft	1970
19750077641	Test report for structural integrity tests and examination of damage to aircraft parts aircraft type (Republic RF-84F)	1970
19750077830	Ducted propeller study using ERG beta body	1970
19750077913	DIVTOS basic system description. Annex 1: System design description, volume 1	1970
19750078651	DIVTOS basic system description. Annex E: Functional area design description for target intelligence	1970
19750078652	DIVTOS basic system description. Annex C: Functional area design description for enemy situation	1970
19750078833	DIVTOS basic system description. Annex D: Functional area design description for intelligence collection management	1970
19750078834	DIVTOS basic system description. Annex F: Functional area design description for terrain intelligence	1970
19750078845	Aerothermodynamic data base monthly data file contents report	1970
19750078925	DIVTOS basic system description. Annex A: System design description, volume 2	1970
19750078927	Manufacturing methods and technology measure for nickel-zinc secondary batteries	1970
19750079073	OVER7T: A CDC 6600 code in LRLTRAN for single sorting of mixed data recorded by PDP-7 computer	1970
19750079074	DUMP7T: A CDC-6600 code in LRLTRAN for dumping a magnetic tape produced by the POP-7 compiler	1970
19750079370	User's manual for FLY: A computer code for the PDP-7/luminescence spectrometer system	1970
19750079372	User's manual for FLYER: A luminescence data processing code in LRLTRAN for the CDC-6600	1970
19750079671	The development of a monolithic array processing technology for light emitting diodes	1970
19750079724	DIVTOS basic system description, annex H. Functional area design for order of battle	1970
19750079725	DIVTOS basic system description, annex G. Functional area design description for Army aircraft employment factors	1970
19750079882	Coaxial dewar 48 pin and 144 pin dewars	1970
19760065226	Hypersonic research engine project - phase 2: SAM temperature control system operation and service procedure, data item no. 65.02	1970
19760065285	Design requirement sheets for the thrust-structure subsystem, EC 90152	1970
19760065287	Design requirement sheets for the external-shield subsystem, EC 90243	1970
19760065288	NERVA management plan. Volume 2: Logic diagrams	1970
19760065341	The XE-prime xenon measurements, chapter E. The XE-prime test analysis report	1970
19760065941	Hypersonic research engine project. Phase 2: Aerothermodynamic integration model development	1970
19760065942	Hypersonic research engine project. Phase 2: Aerothermodynamic integration model development, data item no. 55-4.08	1970
19760065943	Hypersonic research engine project. Phase 2: Combustor program data item no. 55-2.11	1970
19760065946	Hypersonic research engine project. Phase 2: Structures and cooling development, data item no. 55-7.12	1970
19760065948	Hypersonic research engine project. Phase 2: Structures and cooling development, data item no. 55-7.13	1970
19760065957	NERVA reference data (full flow engine), S130-CP-090290-F1-PREL	1970
19760065977	NERVA checkout age preliminary design plan	1970
19760065979	Monte Carlo calculations of gamma-ray kerma rate in NERVA payload configurations with extended propulsion module	1970
19760065980	Monte Carlo calculations of gamma-ray kerma rates in NERVA payload configurations	1970
19760065985	NERVA safety plan	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760066163	Defect annealing in irradiated semiconductors	1970
19760066175	The analytic and asymptotic properties of the plasma dispersion function	1970
19760066197	WANL-R-202 presentation at Space Nuclear Propulsion Office Cleveland Extension, NASA, 16 July 1970	1970
19760066200	Westinghouse Astronuclear Experimental Facility reactor operations manual	1970
19760066455	Ilmenite and magnetite from a Sierran granitic series	1970
19760066458	Comments on the paper On the solidification of a warm liquid flowing over a cold wall	1970
19760066878	Urban development modeling	1970
19760067292	Characterization and control of gaseous emissions from coal-fired fluidized-bed boilers	1970
19760067390	Nuclear shuttle definition study. Phase 3: First interim briefing	1970
19760067421	Use of the NERVA reactor as the heat source for a space propulsion/electrical power system	1970
19760067846	Factors influencing convergence of a learning system	1970
19760067847	Application of imperfect, reduced-state relay control to model-reference systems	1970
19760067853	Manned Space Flight Data Processing System (MSF/DPS, mathematical subsystem), linear programming primer	1970
19760067856	Fluidic chamber pressure control subsystem for the NERVA engine, M100-PR3SAW391	1970
19760067894	Propulsion/electrical power generation	1970
19760067951	Engine-system evaluation for alternative sources for turbine drive gas, hot-bleed engine	1970
19760068575	NERVA cluster hardware concepts	1970
19760068576	XE-prime test data comparison with the NSS common analog model	1970
19760068581	NERVA reliability program summary. Technical discussion	1970
19760068627	NSS radial dimension optimization study	1970
19760068637	Outgassing and vaporization effect of pyrofoil layers bonded with petrolatum	1970
19760068638	Core periphery model test 64DT-212	1970
19760068640	R-1 fuel Material development	1970
19760068664	Study of aircraft in intraurban transportation systems: San Francisco Bay area	1970
19760068805	Venus, strategy for exploration: Report of a study by the Space Science Board	1970
19760068907	Multiple regression analysis of consolidated radiation effects data, NERVA materials, tensile properties of Inconel 718 (parent metal)	1970
19760068930	Fission product diffusion from NERVA coated composite fuel	1970
19760068931	NERVA internal shield design concepts	1970
19760068937	NERVA nozzle bolt coolant system design study report	1970
19760068939	Selection of brazing process for NERVA-engine skirt-development program	1970
19760068940	Nozzle assembly trade study	1970
19760069268	The effects of breathing low concentrations of CO2 on exercise tolerance	1970
19760069290	Thrust Vector Control Ground Test Limits Trade Study, S054-CP090290-F1, S054-1018	1970
19760069337	Evaluation of the WANL integrated nuclear, radiation, and shielding standard design method (WISDM), volume 2	1970
19760069355	NERVA nuclear subsystem	1970
19760069395	E-1 common analog model. Supplement, revision 6	1970
19760069413	Poison wire removal and insertion on ground, October 1969 - February 1970	1970
19760069414	Impact of increased NERVA reactor-engine testing of radiological safety	1970
19760069731	NERVA nuclear subsystem	1970
19760069754	Reflector-nozzle design trade study	1970
19760069758	Trade study for NERVA core periphery design concepts	1970
19760069764	Core periphery model, test 64DT-211	1970
19760069774	Final report of shield system trade study. Volume 2: WANL support activities for shielding trade study	1970
19760069778	Five inch axial length core periphery evaluation model	1970
19760069791	Exposure model following reservoir impact of the NASA space station reactor power source	1970
19760070252	Nuclear shuttle system definition study, phase 2	1970
19760071665	Proceedings, 6th AFCRL Scientific Balloon Symposium	1970
19760071666	Balloon-borne X-ray polarimetry	1970
19760071667	Gamma Ray Astronomy at 1 and 3 millibars in the southern hemisphere	1970
19760071668	High energy astrophysics from balloons	1970
19760071669	A constant-altitude balloon experiment at 48 kilometers	1970
19760071670	A payload stabilization and attitude control platform for high altitude balloon experiments	1970
19760071671	A scientific mission using a balloon in the atmosphere of Venus	1970
19760071672	Sun oriented atmosphere optics measurements using the high altitude balloon	1970
19760071673	Applications of radio altimetry to balloons	1970
19760071674	Vertical laser link using tethered balloon	1970
19760071675	A review of VHF balloon instrumentation	1970
19760071676	Evaluation of UHF radio frequency equipment for balloon telemetry	1970
19760071677	Comments on tethered balloons	1970
19760071678	The influence of changes of material structure on the failure of polyethylene balloon films	1970
19760071679	Development of the e-balloon	1970
19760071680	The Stevens Institute Laboratory for Balloon Technology and some of its contributions to balloon research	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760071681	A listing of computer programs available at NCAR for solving recurring problems in ballooning	1970
19760071682	Experimental balloon gas and film temperatures	1970
19760071683	General philosophy and techniques of balloon control	1970
19760071684	A decision theory model for ballooning problems	1970
19760071685	Heavy load performance of strato film balloons	1970
19760071686	Thin films for mesosphere flight	1970
19760071687	An inflatable restraint collar for balloons	1970
19760071688	Recommendations for a revision of the balloon specifications MIL-P-4640A (USAF)	1970
19760071689	Observations on a test procedure for polyethylene balloon films	1970
19760071690	Test specification for unsupported balloon films	1970
19760071691	A towing technique for determining the aerodynamic forces on tethered balloons	1970
19760071692	A comparison of several very high altitude station keeping balloon concepts	1970
19760071693	Recent airship developments and applications	1970
19760071694	Engineering considerations for a tethered balloon system below the tropopause	1970
19760071695	Fair site and the Mark 2 balloon tether winch	1970
19760071696	New French tethered balloons of large volume: Development, handling techniques, and safety problems	1970
19760071697	A simplified mathematical model for the motion of a tethered kite balloon: Stability criteria	1970
19760071698	New techniques and developments in meteorological balloons	1970
19760071699	Fast-rising stable streamlined balloon for high resolution wind measurements	1970
19760071700	An analysis of the boundary layer associated with floating balloon systems	1970
19760071701	Nimbus-D/IRLS superpressure balloons in the tropical stratosphere	1970
19760071702	Nimbus 4 interrogation, recording and location subsystem	1970
19760071840	Test cell C facility requirements document	1970
19760071841	Periphery axial load test	1970
19760072094	The physical structure and implied navigation hazard of the Saturn ring system	1970
19760072183	Hypersonic research engine project. Phase 2: Aerothermodynamic integration model measurement plan	1970
19760072229	Aerospace Management	1970
19760072732	Evaluation of new graphites for nerva support blocks	1970
19760072763	Nuclear shuttle system definition study. Phase 3: Second interim review	1970
19760072996	Guidance, navigation and control systems performance analysis	1970
19760072997	Apollo 12 Mission Report	1970
19760074098	FEO-1 NERVA facility structural design standards	1970
19760074817	Phase A of ""Phase in preparation of Europa 3 development"". Overall system: Input data for the calculation of general loads	1970
19760074858	Separation between fourth stage and satellite: Flight mechanics	1970
19760074859	A feasibility study on the effects of an increase in length of payload fairing of Europa 2	1970
19760074866	First approximation of Europa 3B aerodynamic load coefficients	1970
19760074882	LH2 high pressure pump	1970
19760074892	Comparison of two LH2/LOX propulsion systems proposed for Europa 3	1970
19760074913	Comparison of Europa 3 configurations with 4 and 5 engines	1970
19760074935	Thermal resistance of PPO foam under cryogenic conditions	1970
19760074936	Insulating an LH tank with PPO-foam	1970
19760074939	Experimental study of N2O4 and UDMH leak detection	1970
19760074961	Ablative insulation for reentry bodies: Thermal analysis	1970
19760074976	Development work for a liquid oxygen high pressure pump	1970
19760075053	Studies of injection procedures for a transfer orbit using the Europa 3B launcher	1970
19760075083	Comparison of performance development time and cost of Europa 3 type systems	1970
19760075084	System-redefinition of the Europa 3B vehicle configuration and vehicle system	1970
19760075107	Redefinition study of the Europa 3 equipment bays, volume 1	1970
19760075108	Redefinition study of the Europa 3 equipment bays, volume 2	1970
19760075109	Redefinition study of the Europa 3 equipment bays, volume 3	1970
19760075110	Performance study for different versions of the Europa 3B launcher	1970
19760075111	Comparison between three different first stage types to be used for the Europa 3C vehicles	1970
19760075112	Integrated development program of the Europa 3C and Europa 3D vehicles	1970
19760075132	Traffic model consideration special space tug	1970
19760075134	Studies of the second stage attitude control system of Europa 3B	1970
19760075135	Final trials assessment: F9 flight issue 1	1970
19760075136	Europa 3B first stage structure: Preparatory studies for the PDP	1970
19760075164	Study on payload/fairings clearance and loadings for Europa 2 vehicles	1970
19760075242	Report on storability tests of the turbopump balancing regulator	1970
19760075244	The RZ20 liquid hydrogen/liquid oxygen rocket thrust chamber of 70kN vacuum thrust	1970
19760075247	Orbital transfer by electrical propulsion	1970
19760075259	Response of welded AZ 5 G blanks to explosive deformation	1970
19760075264	Measurement of liquid hydrogen density	1970
19760075272	Synthetic radiation patterns of Coralie G telemetry antennas	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075288	Europa 3 heat shields: Aerothermodynamic analysis and design (second revision)	1970
19760075293	Study of the influence of kinetic heating at low Mach numbers on the structural temperatures of the Europa 1 and 2 launch vehicles	1970
19760075411	Structural flight and design loads: Vehicle thermal environment	1970
19760075437	Two methods for optimal estimation: The least square and Kalman methods	1970
19760075443	Computer program simulating the ELDO A launch vehicle	1970
19760075464	Assessment of aerodynamic coefficients	1970
19760075480	Description of the flight program for the ELDO inertial guidance system	1970
19760075497	Europa 3B redefinition: Incidence on PF4 adaptation	1970
19760075504	Configuration study phase: Description of the check-out system to be used as a reference for the study of the check-out system	1970
19760075522	Coralie sequencing system, part 1: Reliability study	1970
19760075523	Coralie sequencing system, part 2: Reliability study	1970
19760075545	Europa 3 check-out system study. Volume 1: System outline	1970
19760075546	Europa 3 check-out system study. Volume 2: Technical description	1970
19760075547	Europa 3 check-out system study. Volume 3: Time and cost estimates	1970
19760075548	Europa 3 check-out system study. Volume 4: Technical study	1970
19760075549	Europa 3 check-out system study. Volume 5: Cost and time estimates	1970
19760075559	Redefinition of Europa 3B launch vehicle: Investigation on the second stage structure	1970
19760075562	ELDO A first stage vehicle F9 kinetic heating and loading data for TD/B12 flight loads programmes	1970
19760075563	F11 mission planning	1970
19760075581	Europa 3: Cryogenic stage	1970
19760075608	Europa 3D Performance increase	1970
19760075628	Final preflight simulation of the third stage vehicle F9 in the closed radio guidance loop	1970
19760075643	Europa 2: Fourth stage presentation	1970
19760075645	Separation and destruct control box F11 and F12 configuration	1970
19760075647	Configuration and design study, Europa 3E launch vehicle	1970
19760075667	Electrical system study for Europa 3	1970
19760075707	Europa 2: Standard F11 performance and possible improvements	1970
19760075720	Calculation of F9 second/third stage separation for the most important load cases, the intertank frequency being used as a parameter	1970
19760075721	Estimation of the F9 dynamic flight loads without jettisoning of the middle skirt and with a modified satellite mass, based on existing tests and calculations (taking into account thrust build-up curve of engine 023)	1970
19760075737	Vehicle reference model for general load assessment	1970
19760075754	Mechanical design of the Europa 3B equipment bays: Configuration study phase, volume 1	1970
19760075762	European space tug system study	1970
19760075765	Tasks and problems for the design of an interorbital space tug	1970
19760075785	Cryogenic stage studies carried out in Sassenage from 1962 to 1969 inclusive	1970
19760075796	Loads on the third stage of the ELDO-A launch vehicle during the F9 second/third stage separation with a satellite support structure stiffness of 0.0000235 cm/kg, a satellite plus adapter weight of 261 kg and a fundamental intertank structure frequency of 80 Hz	1970
19760075798	Note on electrical bonding between stages at staging	1970
19760075826	Integrated digital autopilot for satellite launcher	1970
19760075836	Lateral stability of the Europa 1 F9 first stage autopilot	1970
19760075839	Coralie F11 launch: Stability of guidance in the presence of liquid sloshing	1970
19760075861	Inertial guidance for ELDO system testing at NLR: Part 13: Procedures for the open loop tests	1970
19760075938	Fabrication and thermal study of a 1500 mm diameter common tank separation	1970
19760075973	Radiation of a jet from a propulsion nozzle. Mixture of gas and particles: Nozzle underexpanded	1970
19760075976	Tank test rig: Emptying test of hydrogen tank of H 3,5 with thermal flux simulation	1970
19760075979	Study of the propellant condition R1422b under acceleration: Results of firing under rotation and longitudinal acceleration of a propellant block similar to ELDO loading (ratio 3/8)	1970
19760075980	Tests proposal. Presentation of a rotating firing on the Hispano-Suiza centrifuge. Propellant block similar to ELDO (ratio 3/8)	1970
19760076000	Summary study on the use of radioactive isotopes for a stage destined to transfer payloads from low orbits to synchronous orbits	1970
19760076003	Europa 2. Perigee stage conception review: Propulsion	1970
19760076011	ELDO PAS program: Qualification tests of the spin rocket	1970
19760076020	A 200kN high pressure engine with separate turbo-pumps	1970
19760076028	High pressure engine of 200 kN operating conditions at a chamber pressure lower than 140 bars	1970
19760076045	Static qualification of a thermal insulation in Klegecell H917	1970
19760076052	Tests proposal: Study of the behavior of the Buna thermal protection burning under acceleration	1970
19760076053	Technical report on slush transfer	1970
19760076054	Technical report on the storage of slush	1970
19760076055	Technical report on the production of hydrogen slush	1970
19760076056	Hydrogen slush	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076058	Influence of acceleration on burning rate of aluminized solid propellants, volume 1	1970
19760076059	Influence of acceleration on burning rate of aluminized solid propellants. Volume 2: Annexes	1970
19760076068	Study of the behavior of the Buna thermal protection and the propellant composition r1422 b burning under acceleration. Report on the firing Rocen 03 and 04: Conditions Diamant and ELDO	1970
19760076069	Study of the behavior of the Buna thermal protection burning under acceleration. Report on the firing of nine discs R1422 b with controlled extinction	1970
19760076070	Study of the propellant composition R1422 b without acceleration. Report of the firing during rotation and longitudinal acceleration of a propellant loading similar to ELDO block	1970
19760076071	Study of the behavior of the Buna thermal protection burning under acceleration. Report on the firing of ten discs R1422b with controlled extinction	1970
19760076097	Radio interference study for the ELDO vehicle in the F9 configuration	1970
19760076107	Radiative thermal insulation for reentry bodies. Dynamic tests: Experimental study	1970
19760076114	Fourth stage Europa 2 vehicle: thermal environment	1970
19760076115	Europa 2 fourth stage	1970
19760076118	A simplified mathematical model for the sloshing of the residual fuel under low and zero g conditions	1970
19760076136	Symposium on cryogenic stage experimental work	1970
19760076172	Development of pressure gas valves for 100 K, program 340	1970
19760076186	Europa 3: Loads and dimensioning of structures: Safety factors	1970
19760076192	Coralie. Natural bending modes during the combustion of the second stage (configuration Europa 2): Influence of changing the tank material	1970
19760076202	Dynamic load calculation of the ELDO-A-Fg third stage in flight	1970
19760076206	ELDO capsule: Stress calculations	1970
19760076208	ELDO PAS capsule: Determination and tests of mountings for various equipments	1970
19760076224	Fabrication and rupture test at 20K of base Ro No 260 in orange quarters following plan x 151 525	1970
19760076240	Dynamic study of the elastic suspension of the VPE-3 development	1970
19760076262	Onboard data management system of the European space tug	1970
19760076266	Europa 3: Onboard data processing interfaces study	1970
19760076271	Study on the onboard computer of Europa 3 and systems associated with it	1970
19760076284	Micrometeoroid environment between parking and earth-synchronous satellite orbits (for European space tug, pre-phase A)	1970
19760076288	Electromagnetic and corpuscular radiation environment between parking and earth-synchronous satellite orbits (for European space tug, pre-phase A)	1970
19760076297	F9 multistage vehicle flight loads	1970
19760076337	Tracking program for Black Arrow stages	1970
19760076346	Europa 2 vehicle payload increase by an ameliorated perigee/apogee system with solid propellants	1970
19760076358	Planning for Europa 3D structural development	1970
19760076360	Proposal for the Europa 3E launcher using LRBA engines and MAN system	1970
19760076363	Performance of Europa 1 and Europa 2 launch vehicles, volume 2	1970
19760076378	ELDO PAS program: Development of the spin rocket	1970
19760076391	Europa 3 general organization: Preliminary study of the first stage electrical equipment integration	1970
19760076395	ELDO container F11/F12 capsule free fall test	1970
19760076442	Review on the simulation results of F11 controller layout and real hardware inertial guidance computer testing in the attitude control loop	1970
19760076453	Attitude behavior of the auxiliary control system for F9 with extended arms, presence of middle skirt and absence of satellite	1970
19760076454	Error propagation and dispersions of injection errors with closed guidance loop and data processing by filtering	1970
19760076495	Development of LH2 valves	1970
19760076511	ELDO perigee rocket motor. Test firing with deflection measurements: Test firing number 2	1970
19760076512	ELDO PAS program: Firing at the spin test facility R'2	1970
19760076516	ELDO PAS perigee rocket engine. Sixteen qualification firings of the igniter on an inert solid propellant rocket motor: Volume 1	1970
19760076517	ELDO PAS perigee rocket engine. Sixteen qualification firings of the igniter on an inert solid propellant rocket motor: Volume 2	1970
19760076525	Blue Streak first stage europa vehicles: A review of engine testing related to the reorificing of F9 vehicle engines	1970
19760076527	Participation possibilities in the post Apollo program with fiber reinforced plastic components particularly with carbon fiber reinforced propellant tanks	1970
19760076544	Standardization, reliability and electronic component assembling technology for Europa 3, volume 3	1970
19760076551	Fourth stage/Symphonie satellite interface: Thermal interface	1970
19760076565	Development of glass fiber and carbon fiber tanks for cryogenic propellants made through filament winding process	1970
19760076566	LH2 experimental program final phase 2: Selection of suitable diaphragm material, diaphragm manufacturing procedures and calculation possibilities	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076647	CARSP: Exploratory systems study investigating the suitability of aerostats for remote sensing platform applications	1970
19760076654	Bibliography on propulsion cost	1970
19760076655	Bibliography on propulsion reliability	1970
19760076772	Boresight and Antenna Radiation Test Set (BARTS)	1970
19760076778	Application of Hammerstein's method to problems of satellite geodesy and celestial mechanics	1970
19760078357	Aerodynamic force and moment coefficients for a cruciform missile at transonic Mach numbers (U)	1970
19760079049	Results of a 0.1629-scale F-15 inlet model test at transonic and supersonic Mach numbers, phase 1 (U)	1970
19760079055	Inlet-drag characteristics of a 7.5-percent scale model of the McDonnell Douglas F-15 tactical fighter aircraft at Mach numbers from 0.60 to 2.20 (U)	1970
19760079057	Store and store-pylon loads test on a 7.5-percent scale model of the F-15 aircraft at Mach numbers from 0.8 to 2.2 (U)	1970
19760079324	Partial Spectrum signature on the AN/SPS-10 radar set	1970
19760079986	New and refined nondestructive techniques for graphite billets and shapes	1970
19760079989	Abstracts of AF Materials Laboratory reports, January - December 1969	1970
19760080051	Aluminum-boron F-106 engine access door design and test evaluation	1970
19760080059	Force tests of proposed AIM-82 missile configurations at Mach numbers from 1.5 to 4	1970
19760080060	Aerodynamic characteristics of representative ASD AIM-82 missile configurations at Mach numbers from 0.2 to 1.5	1970
19760080262	Bibliography on aircraft reliability	1970
19760080381	Compressor stability assessment program	1970
19760080649	Aerodynamic heating measurements on the FDL-5LB high L/D entry configuration (U)	1970
19760080650	Aerodynamic heating data on a delta-body space shuttle orbiter (U)	1970
19760081160	High temperature electrical wire coatings	1970
19760081253	Calculation of the absorbed dose and dose equivalent from neutrons and protons in the energy range from 3.5 GeV to 1.0 TeV	1970
19760081337	Handbook of piece part failure rates	1970
19760081411	System safety analytical technology: Fault tree analysis	1970
19760082099	Computerized rocket evaluation and analysis program, MOD 2. Volume 2: Analyst manual	1970
19760082876	Presentation of reliability data on electronic components (or parts)	1970
19760082941	Theory and computation of characteristic modes for conducting bodies	1970
19760082955	Accelerator content and reversion resistance of EC-2273 potting compound	1970
19760083155	Standardization of fastener tests	1970
19760083234	Computer programs for radiation and scattering by arbitrary configurations of bent wires	1970
19760083600	Partial-period correlation of pseudo-random binary sequences	1970
19760083616	Engineering requirements specification arm and disarm device on ignition parts and explosives, arm-safe mechanisms, provide impulse for other secondary actions, electrical	1970
19760084102	Titan 3D exhaust cloud instrumentation study	1970
19760084131	Event DIAL PACK technical and administrative information for US programs	1970
19760084510	Investigation of insulator damage SRAM headcap connectors	1970
19760084548	Visual search effectiveness for night vision devices	1970
19760084704	Filament-wound carbon/carbon heatshield SC-11FW-Y 12-7, a process history	1970
19760084711	Digital integrating goniometric ionospheric sounder digisonde 128	1970
19760085237	An in-flight investigation to develop control system design criteria for fighter airplanes, volume 2	1970
19760085263	Investigations of radar wake mapping capabilities	1970
19760085417	Aerodynamic loads survey data on the AIM-7F missile and 600-gallon fuel tank in the vicinity of the F-15 aircraft at subsonic and transonic speeds	1970
19760085473	Aerodynamic characteristics of a supercritical wing on a variable wing-sweep aircraft at transonic Mach numbers	1970
19760085731	Wind tunnel tests to determine the separation characteristics of the AIM-82 missile from the F-4C aircraft (U)	1970
19760085732	Stability and control effectiveness test of the Hughes AIM-82 missile configuration at transonic speeds (U)	1970
19760085780	High-resolution and low-resolution radar image correlation. Volume 2: Technical description and results (U)	1970
19760085784	High-resolution and low-resolution radar image correlation. Volume 1: Introduction and summary (U)	1970
19760085960	Development of protective coatings for columbium alloy gas turbine blades	1970
19760086039	Acoustic instrumentation of US Army Artillery Board project number FA569, Fort Sill, Oklahoma, appendixes	1970
19760086079	Predictive methods for the dynamic response of a quad tilt-duct V/STOL aircraft in transition	1970
19760086400	An in-flight investigation to develop control system design criteria for fighter airplanes, volume 1	1970
19760086504	Calibration of a first generation circular variable filter spectrometer	1970
19770069787	Research in materials	1970
19770070063	Chemical rocket/propellant hazards. Volume 2: Solid rocket/propellant processing, handling, storage and transportation	1970
19770072017	Preliminary Apollo 12 biological sciences and containment report	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770072018	Apollo 11 mission report, supplement 10: Communications system performance	1970
19770072802	Mission science requirements J-1 type mission (Apollo 15)	1970
19770073551	Electrical power subsystem design report Pioneer F/G project	1970
19770075105	Thermal environment computer program for solid rocket exhaust analysis	1970
19770075619	Economic analysis: Alternative systems for reducing the cost of payload in orbit	1970
19770075651	Apollo 13: Lunar exploration experiments and photography summary	1970
19770075653	Lunar exploration objectives and the role of long range lunar traverses	1970
19770075686	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS). Volume 4: Preliminary design, book 1	1970
19770075687	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS). Volume 1: Introduction and summary	1970
19770075707	IMBLMS: Phase B4: Zero gravity compatible fluid handling device evaluation test program; Appendix 19: Documentation for the zero-g fluid handling test program	1970
19770075708	IMBLMS phase B4: Appendix 21: Documentation for the mini-Q mass spectrometer for blood gases test program	1970
19770075709	IMBLMS FBB measurement acceptance and performance test reports: Measurement acceptance tests MA-7 through MA-14: Performance tests B-1 through B-10 behavioral subsystem measurements	1970
19770075711	IMBLMS FBB, phase B-3	1970
19770076309	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS). Volume 8: Engineering drawings, book 3	1970
19770076310	IMBLMS: Integrated Medical and Behavioral Laboratory Measurement System. Phase b.4 supplemental task 4: IMBLMS (edu) incorporation of biosciences measurement capability	1970
19770076312	Integrated medical and behavioral laboratory measurement system. Volume 8: System specification, book 1	1970
19770076313	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS). Volume 6: Flight and ground support	1970
19770076314	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS). Volume 5: Mission operations	1970
19770076315	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS), Appendixes	1970
19770076316	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS). Volume 8: Specifications, Book 2	1970
19770076317	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS). Volume 7: Program plans, book 2	1970
19770076318	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS). Volume 4: Preliminary design, book 2	1970
19770076319	IMBLMS phase B4. Appendix no. 9: Documentation for the data acquisition and distribution subsystem	1970
19770076320	IBLMS, phase 4: Final project definition study. Appendix no. 1: Documentation for mission assumptions	1970
19770076321	IMBLMS, phase b4. Part 1: System performance/ design requirements. Appendix 2: Documentation for IMBLMS systems requirements	1970
19770076322	IMBLMS phase B4. Project definition study. Appendix 3: Documentation for system design operation	1970
19770076323	IMBLMS phase B4. Clinical subsystem CEI specification. Appendix 5: Documentation for the clinical equipment subsystem	1970
19770076324	IMBLMS phase B4. Final project definition study. Appendix 7: Documentation for the behavioral equipment subsystem	1970
19770076325	IMBLMS phase B4. Procurement specification for IMBLMS Digital Computer (IDC). Appendix 11: Documentation for the computer subsystem	1970
19770076326	IMBLMS phase B4 final project definition study. Appendix 12: Documentation for the software (computer)	1970
19770076327	IMBLMS phase B4 final project definition study. Appendix 13: Documentation for the electric power and signal distribution subsystem	1970
19770076328	IMBLMS phase B4 final project definition study. Appendix 16: Documentation for the visual field mapping test program	1970
19770076329	IMBLMS phase B4 final project definition study. Appendix 18: Documentation for the dry stained slides test program	1970
19770076330	IMBLMS phase B4. Appendix no. 22: Documentation for the microbiology test program. Test report, real time bacteria sensor	1970
19770076331	IMBLMS phase B4. Appendix 24: Documentation for the experiment integration task	1970
19770076332	IMBLMS phase B4. Appendix 25: Documentation for the phases C and D planning documents	1970
19770076333	IMBLMS phase B4. Appendix 26: Set of IMBLMS drawings	1970
19770076334	IMBLMS phase B4. Appendix 27: Table of content and index volume	1970
19770076336	IMBLMS phase B4: Final project definition study	1970
19770076338	IMBLMS functional breadboard operating procedures	1970
19770076339	IMBLMS functional breadboard final presentation	1970
19770076341	IMBLMS preliminary design requirements for engineering development unit	1970
19770076342	Approaches to performance of balance studies, microfloral assay, associated measurements and associated techniques	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770076343	IMBLMS functional breadboard	1970
19770076346	Integrated medical and behavioral laboratory measurement system. Volume 7: Program plan, book 1	1970
19770076351	IMBLMS phase B4 final project definition study. Appendix 14: Documentation for the ground support equipment	1970
19770076352	IMBLMS phase B4 final project definition study. Appendix 15: Documentation for the training equipment	1970
19770076381	IMBLMS phase B4. Final project definition study. Appendix 10: Documentation for the control and display subsystem	1970
19770076460	IMBLMS phase B4: Investigations of color TV microscopy feasibility. Appendix 20: Documentation for the color TV microscopy test program	1970
19770076518	IMBLMS phase 4 final project definition study. Appendix 17: Documentation for the Mini-Q mass spectrometer for respiratory measurements test program	1970
19770076840	Inhibition by nucleotides of mouse brain UDPgalactose 4-epimerase in vitro	1970
19770077072	IMBLMS: Integrated Medical and Behavioral Laboratory Measurement System. Volume 3: Measurement system. Phase B4 project Definition: Measurement considerations	1970
19770077086	The Integrated Medical and Behavioral Laboratory Monitoring System (IMBLMS) programming documentation, volume 1	1970
19770077087	IMBLMS programming documentation. Volume 2: Vision tester	1970
19770077088	IMBLMS programming documentation. Volume 4: Behavioral	1970
19770077089	IMBLMS programming documentation. Volume 5: Cardiovascular	1970
19770077090	IMBLMS programming documentation. Volume 6: Miscellaneous	1970
19770077151	IMBLMS programming documentation. Volume 3: Respiratory	1970
19770077770	IMBLMS phase B4. Part 1: Laboratory analysis subsystem CEI specification. Appendix 6: Documentation for the laboratory analysis subsystem	1970
19770077803	Apollo earth photographs, index maps Apollo missions 6, 7, and 9	1970
19770079165	LF336/C modification and acoustic test program data report. Volume 2: Tests 6 through 9	1970
19770079166	LF336/C modification and acoustic test program data report. Volume 2: Tests 10 through 12	1970
19770079258	The Manned Spacecraft Center in Houston. The practice of matrix management	1970
19770079381	Development of a source flow program to predict the flow field of a high altitude plume	1970
19770082545	Failure mode and effect analysis airlock. Volume 2; part1	1970
19770084231	Research and exploratory development	1970
19770084320	Transition Reynolds numbers, convective heating distributions, and surface-flow patterns for a flat-surfaced pyramid model at angle of attack	1970
19770084471	Accelerometer calibration with the Earth's field dynamic calibrator	1970
19770084861	Research leading to new vision test techniques for use in the space environment	1970
19770084980	Administrative and financial information, summary of grant activities, part 1	1970
19770085950	Detail specification: Hybrid circuit, general specification for	1970
19770085968	Preservation procedures for deactivation of steam catapults and associated equipment in inactive ships	1970
19770086549	SEESAW optimization 1 (U)	1970
19770086551	Beam plasma experiments: Projections for phase 2 and phase 3 (U)	1970
19770086552	SEESAW review: November 11 (U)	1970
19770086553	Project SEESAW projections FY 1971 - 1975 (U)	1970
19770086554	SEESAW theory and computation at LRL (U)	1970
19770087190	LF336/C Modification and Acoustic Test Program Data Report	1970
19770087223	Apollo 10 mission report: Trajectory reconstruction and postflight analysis	1970
19770088551	Acceptance test procedure for capacitors	1970
19770088702	Electron beam experiments (U)	1970
19770089417	Small lift device military applications	1970
19770089662	Mariner Mars 1969 simulated TV pictures	1970
19770089871	Sea ice reconnaissance by satellite imagery	1970
19770089885	MRI biomedical application team program review	1970
19770090035	Summary Report: USAF/NASA Manned Space Flight Studies	1970
19770090305	Comparison of Earth Orbit Shuttle Costs	1970
19770090445	A new approach to an unconventional ABM weapon system. Volume 2: Appendices (U)	1970
19770091357	STS cost methodology. Volume 1: Earth orbit shuttle cost methodology	1970
19770091404	Advanced Composites Status Review	1970
19770091611	The quantitative significance of nondestructive evaluation of graphite and ceramic materials	1970
19770092232	Life times of small water droplets	1970
19770093069	STS cost methodology. Volume 2: Orbit-to-orbit shuttle cost methodology	1970
19770093419	Low-temperature thermionic emitter	1970
19770093579	Sodium-vapor monitor	1970
19770094351	Evaluation of the fused slurry silicide coating considering component design and reuse	1970
19770094510	A detailed thermal and structural analysis of graphite nose tip models tested in arc-heated air	1970
19770094531	Tantalum alloy structural fasteners	1970
19770094594	Argonne Applied Physics unified computer systems	1970
19770094932	Developments in the electronic system for neutron spectroscopy with proton-recoil proportional counter	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094933	Calibration of gas multiplication versus voltage for proportional counter neutron spectrometers	1970
19770095094	A study of sonar parameters for the detection of objects buried in marine sediments (U)	1970
19770095157	F-14A stability and control and flying qualities report, status 3. Part 2: Aerodynamic characteristics and dimensional data. Volume 1: Sections 1-6 (U)	1970
19780070270	Forbidden transitions in muonic Pb-208	1970
19780071849	The 75degK miniature vuilleumer cryogenic engine. Task 1: Preliminary design	1970
19780072653	Vortex Fluid Amplifier: an Experimental Study of Flow Characteristics and Internal Flow Field	1970
19780072879	The Lubbock tornadoes: A study of suction spots	1970
19780073151	MSC Apollo 13 investigation team. Panel 11: Administrative, communications, and procurement	1970
19780074248	Mission operation report: Apollo supplement	1970
19780075362	Category C: Materials data nuclear subsystem E-105 appendix, volume 4	1970
19780075607	XE-prime engine: Supplement to volumes 2 and 3	1970
19780076366	Microelectronic components and metallic oxides	1970
19780076393	A study of the feasibility of a flowing gas critical experiment in the cavity reactor configuration	1970
19780077344	Engineering design sheet: Design and test requirements for NASS exhaust duct system	1970
19780078836	Spacecraft sensitivities for weight and performance changes	1970
19780079335	Study of the polarized-orbital method and its application to the scattering of electrons by helium	1970
19780082220	Track-while-scan technique. Annex C	1970
19780082416	Monostatic reflection from the curved surface of a finite, rigid cylinder	1970
19780082568	Undergraduate pilot training-instrument flight simulator (UPT-IFS). Follow-on operational test and evaluation (Fot and E). Annex H. Advanced instructional features evaluation	1970
19780083181	Evaluation of advanced data-processing systems	1970
19780083182	Evaluation of advanced data-processing systems	1970
19780083897	Planetary quarantine provisions	1970
19780083957	Deleted record	1970
19780084831	Subsystem requirements analysis, director, gun and guided missile group Mk 73 MOD 3 for radar set AN/SPG-51E	1970
19780085265	Sub-system requirements analysis digital group for radar set AN/SPG-51E	1970
19780085593	Operational test and evaluation of tactical air-to-air missile systems (U)	1970
19780086196	Low speed wind tunnel tests of the 0.04 scale basic development 2 B-1 force model which simulates the -34 and -39 (mod.) Configurations, NAAL 627, volume 1	1970
19780086197	Low speed wind tunnel tests of the 0.04 scale basic development 2 B-1 force model which simulates the -34 and -39 (mod.) Configurations, NAAL 627, volume 2	1970
19780086209	B-1 engine/inlet compatibility turbulence scaling	1970
19780086210	Low speed wind tunnel tests of the 0.04 scale basic development 2 B-1 force model which simulates the -39 configuration where force and tail pressure data were obtained, NAAL 631	1970
19780086292	Development of a flexible ablator for expandable re-entry bodies	1970
19780086564	Mechanization of financial analysis functions	1970
19780086795	B-1 hammershock estimates	1970
19780087097	Aerodynamic dispersion techniques	1970
19780087105	Summary of wind tunnel tests and analysis of the effects of jet exhaust on the stability and control characteristics of a bomber configuration	1970
19780087510	Investigation of an experimental annular-shaped integrated transmission oil cooler design	1970
19780087557	Fatigue strength of lugs containing liners. Volume 1: Results	1970
19780087559	FT4A marine gas turbine engine completion of 2660 hours endurance operation on naval diesel fuel	1970
19780087565	Fatigue strength of lugs containing liners. Volume 2: Computer program used for analyses	1970
19780087566	NASTRAN evaluation report	1970
19780087604	Models for the prediction of air pollution	1970
19780087896	Hypersonic Research Facilities Study Final Oral Briefing Summary (U)	1970
19780088132	Preliminary runway flotation analysis	1970
19780088503	Verification of supersonic drag due to lift as measured on B-1 force models 1 and 2	1970
19790013954	Some Activities and Vehicle Concepts Envisioned for Future Earth Orbital Missions	1970
19790013966	Optimized Cost/Performance Design Methodology	1970
19790070539	A study of the phasing capability of Apollo CSI/CDH coelliptic rendezvous targeting routines for AAP, case 610	1970
19790070735	Vacuum ultraviolet C(+) recombination radiation from the shock heated CO/Ne mixtures	1970
19790072023	The aerodynamic gravity substitute workbench for Skylab	1970
19790072025	AAP electrical power system capabilities in the earth resources mission mode	1970
19790072133	Site dependent redesignation and manual maneuvering Delta-5 requirements	1970
19790072134	AOT star chart compensation for LM landing attitude deviations	1970
19790072135	Lunar exploration mission launch-ability ratings	1970
19790072136	Apollo 13 prelaunch problems - Implications for future missions	1970
19790072139	Lunar orbital science experiments sample timeline and preliminary power consumption analysis for the typical J-mission	1970
19790072141	An analysis of the capability to perform the Apollo 13 Fra Mauro traverses	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072142	Projected activities at science stations for J-mission traverse planning	1970
19790072143	Operational priorities for Skylab in-flight experiments	1970
19790072144	Estimate of daily fuel required to control gravity gradient and solar precession during an artificial G experiment	1970
19790072145	Potential of dual purpose expendable cryogenic stage as replacement of the Saturn 5	1970
19790072146	A determination of optimum SPS propellant offloading including consideration of spacecraft completion of translunar injection	1970
19790072147	Linear stability analysis of LM rate-of-descent guidance equations	1970
19790072148	Launch windows, 1970 - 1974	1970
19790072149	NAGS documentation - The NCC/NSR rendezvous maneuvers targeting routine	1970
19790072150	Time specific Apollo lunar surface accessibility for relaxed free return missions - Computer program description	1970
19790072151	Sensitivity of the Viking aeroshell and scientific payload to knowledge of the Martian atmosphere	1970
19790072152	Manual TLI in Apollo 14	1970
19790072153	Skylab B experiment program rationale	1970
19790072154	A survey of the orbital collision hazard for a manned space station	1970
19790072155	MAL options for Apollo 15 LR3 array	1970
19790072156	Satellite placement and retrieval by use of a space shuttle	1970
19790072157	Compilation of J-1 mission orbital science requirements and constraints	1970
19790072158	SPS requirements for a J2 Tycho mission	1970
19790072159	Preliminary evaluation of SM/RCS capability to abort to earth entry from the relaxed free return profile	1970
19790072160	Quarterly progress report, April - June 1970	1970
19790072168	Apollo site selection factors document	1970
19790072169	AES flight mission assignment plan. Part 3 - Extended CSM spacecraft	1970
19790072171	Apollo 14 abort capability beyond the nominal DPS abort time	1970
19790072172	Presentation to ML on scheduling aspects of EREP and medical experiments for Skylab	1970
19790072173	Effect of manual TLI guidance on S-4B injection capability	1970
19790072175	Selection in a limited resource environment	1970
19790072176	SL-2, 3, and 4 launch and recovery opportunity lighting variations for 9 November SL-1 launch	1970
19790072177	Lunar accessibility for Apollo 17	1970
19790072178	Some comments on the corona susceptibility of Apollo lunar orbital experiments	1970
19790072179	The effect of lunar time of arrival on S-4B second opportunity injection propellant requirements for the J-1 mission	1970
19790072180	An improvement to the Skylab on-board NC1 targeting routine	1970
19790072326	Navigation and guidance aspects of data acquisition requirements for planetary missions	1970
19790072327	Integrated manned space flight program traffic model	1970
19790072328	Launch site recovery of ballistic boosters	1970
19790072329	An analysis of navigation performance for the subsatellite experiment	1970
19790072330	Lunar exploration modes	1970
19790072331	Mariner Mars 1971 contingency mission - A preliminary study	1970
19790072382	XYZT targeting of the first translunar mid-course correction	1970
19790072383	Constant look angle trajectories for the visibility phase of LM descent	1970
19790072384	Comparison of Skylab IIP's for inclinations of 45, 47 and 50 deg	1970
19790072385	Orbital Insertion of the Nuclear Shuttle Using a Sub-Orbital Start and a Space Shuttle Booster	1970
19790072386	Lunar orbit determination for Apollo 12 using POLAR	1970
19790072387	Effect of varying time of CDH upon time of TPI for coelliptic rendezvous	1970
19790072388	Delta RLS updates during the braking phase of LM descent using explicit and delta guidance	1970
19790072389	Skylab-2 launch opportunities and time in coelliptic orbit	1970
19790072390	Guided polar entries	1970
19790072391	Optimization of launch vehicle angle of attack by steepest descent method	1970
19790072392	Corrections to the patched conic calculation of Apollo trajectories	1970
19790072393	Synchronized earth parking orbits for zeroplane-change transfer between earth's surface and polar lunar orbits	1970
19790072394	Plane-change penalty for unscheduled abort from the lunar surface	1970
19790072395	NAGS documentation - A computer routine for targeting the NC/NH/NSR rendezvous profile	1970
19790072396	The effect of a revised final phase table on entries	1970
19790072400	Manual TLI engine cutoff calculation	1970
19790072401	Comparison of sensitivity of return trajectories to errors at TEI for Lunar 16 and Apollo	1970
19790072402	Preliminary study of steep LM descent trajectories suitable for a one-day launch delay	1970
19790072403	An improved determination of optimal moon-to-earth trajectories for BCMASP	1970
19790072404	Translunar and lunar orbit abort trajectories for Apollo 14	1970
19790072405	MSFN coverage from insertion through injection burn for Apollo 15	1970
19790072406	Parameter sensitivities of preliminary Apollo 15 trajectories	1970
19790072409	Parametric analysis of three impulse transfer between hyperbolic lunar orbit and a circular lunar parking orbit	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072462	Some characteristics of coelliptic orbits	1970
19790072463	Lurain effects on the LM trajectory and landing point designator accuracy for Apollo 13	1970
19790072464	Effect of lunar slopes on LM guidance perturbations prior to high gate	1970
19790072465	The use of delta guidance for improved trajectory control and fuel cost during LM descent	1970
19790072466	Sensitivity of planetary parking orbits to uncertainties in the mass and oblateness parameters	1970
19790072509	LRV weight status reporting	1970
19790072510	LRV performance status reporting methods	1970
19790072511	LRV weight and performance reporting	1970
19790072513	LM performance variations from LM center of gravity movement	1970
19790072516	Definitions for LRV weight and performance reporting	1970
19790072517	AES flight mission assignment plan. Part 4 - LEM derivatives	1970
19790072518	AES flight mission assignment plan. Part 8 - Launch facilities and equipment	1970
19790072519	A ground experiment control and data handling facility for the space station and shuttle	1970
19790072520	The navigation system of the lunar roving vehicle	1970
19790072530	Lunar rover wheel performance tests	1970
19790072560	Equations of motion of the lunar roving vehicle	1970
19790072617	Review of space station technology program plan	1970
19790072618	Comparison of AAP-2 launch windows and launch opportunities with the SWS at 35 and 50 degree inclinations	1970
19790072619	Skylab system compatibility analysis, earth resources experiments	1970
19790072620	Skylab and Apollo launch constraints	1970
19790072621	Alternate electrical power and oxygen storage systems for the Skylab CSM	1970
19790072622	Description and status of the design of the particles and fields subsatellite	1970
19790072623	Experiment descriptions for the Automated Task Scheduler /ATS/ program Status report	1970
19790072624	A parametric study of a two stage, high mass fraction, high ISP expendable launch vehicle	1970
19790072625	Evolution of the Nimbus spacecraft system	1970
19790072626	Apollo and Skylab countdown and test integration, case 320/620	1970
19790072627	Skylab wobble state in an artificial gravity experiment	1970
19790072628	Skylab orbital workshop thermal model	1970
19790072629	Launch vehicle flight simulation - Rigid body dynamics	1970
19790072630	Skylab LOX tank vent lines and nozzle temperatures	1970
19790072631	The electrostatic workbench - A gravity substitute /Skylab proposal M-507/	1970
19790072632	Generalization of the Skylab orbital workshop thermal model to accept transient external absorbed heat input data	1970
19790072633	An improved thruster firing sequence for spin-up of Skylab B for artificial gravity	1970
19790072634	Required artificial G field for the Skylab gravity substitute workbench	1970
19790072635	Coolanol-15	1970
19790072636	Current airlock module Coolanol-15 loop modes of operation	1970
19790072637	Subsatellite attitude determination	1970
19790072638	Optimization of launch azimuth range to adjust launch window duration and improve launch vehicle performance margin	1970
19790072676	Viking spacecraft for lunar exploration	1970
19790072677	Computer program for launch vehicle sizing and sensitivities	1970
19790072678	The increase in structural weight of a low cost expendable booster due to a lifting body payload as compared to a bulbous payload	1970
19790072679	Spin-up of Skylab B for artificial gravity	1970
19790072693	Impact of the Space Shuttle on Satellite Payloads	1970
19790072694	Effect of space shuttle booster first versus orbiter first development on booster contingency oversizing	1970
19790072695	Space tug operational requirements for satellite placement, revisit and retrieval	1970
19790072696	A cislunar shuttle	1970
19790072697	Shuttle launch azimuth and on-orbit operations time constraints for launch and rapid recovery at KSC	1970
19790072699	Comparison of nuclear and chemical cislunar shuttles	1970
19790072700	Space shuttle descriptions for operations support systems study	1970
19790072714	Space tug operations in association with the integrated program	1970
19790072715	Space transportation system analysis	1970
19790072716	The effect of the meteoroid environment on a coated columbium radiative heat shield for a space shuttle	1970
19790072756	An extension of the study of MSFN configurations for coverage of Skylab missions	1970
19790072757	Combined Skylab and lunar support with a reduced manned space flight network	1970
19790072758	Effect of manned space flight network reduction on Skylab support	1970
19790072759	Investigation of the Skylab rendezvous profile with consideration to the VHF tracking coverage	1970
19790072760	The effects of navigation range errors when an LGC Lurain model is used for Littrow	1970
19790072761	Transmission of bulk experiment data from Skylab to the MSFN	1970
19790072762	Skylab ATM telemetry, ASAP and ATMDC - How they work together	1970
19790072763	Space Ground Link Subsystem /SGLS/ characteristics	1970
19790072764	Experiment data handling and analysis on future space missions	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072765	Use of ARIA for support of Skylab A	1970
19790072766	Skylab communications coverage and data handling for the 'pick-a-day' study	1970
19790072767	Manned Space Flight Network Station reliability considerations for Skylab support	1970
19790072768	Tracking coverage and lighting for SL-2 short rendezvous	1970
19790072770	Comparison of parameters in high-bit-rate and low-bit-rate telemetry on LM-8 /Apollo 14 mission/	1970
19790072771	A quaternion differential equation for spacecraft attitude error	1970
19790072772	Skylab data compression - Description of system and summary of error control test results	1970
19790072887	Behavior of water versus water glycol for control and display panel /dry OWS/	1970
19790072888	Radiative thermal protection system considerations for the space shuttle	1970
19790072890	Backup technique for determining AAP cluster orientation about sun line	1970
19790072891	A study of some attitude and control options compatible with the performance of earthpointing experiments by the AAP cluster	1970
19790072893	Impact of J mission payload requirements on L/V structures and control dynamics	1970
19790072894	Flight performance of Apollo cryogenic oxygen system	1970
19790072895	Analytical development of the Skylab CMG rotation law, case 620	1970
19790072896	Deflection of flexible ballast beams on a spinning spacecraft	1970
19790072897	Uncontrolled motion of a spinning spacecraft	1970
19790072898	Wobble damping of spinning satellites using GMG5 with application to a Skylab B artificial-G	1970
19790072899	Use of magnetic torque for pointing control of a spinning skylab	1970
19790072900	Study of the MSC proposed NC1/NC2 targeting routine for Sklab rendezvous	1970
19790072902	Stability of a spinning spacecraft with extended flexible booms	1970
19790072976	Influence of vehicle dynamics on the artificial gravity experiment on the second Saturn workshop	1970
19790072977	Comparison of reusable and nonreusable Mars excursion modules for multiple landing missions	1970
19790072978	Some properties of quaternions related to Euler's theorem	1970
19790072979	Structural moments in a rotating spacecraft	1970
19790072980	Stability of a spinning spacecraft with flexible solar arrays	1970
19790072983	The effect of vehicle performance of thrust and Isp variations due to delta guidance thrust modulations	1970
19790072985	The effect of meteoroid shielding on in-space stage performance	1970
19790073007	Operation of gamma-ray spectrometer and X-ray fluorescence CSM orbital science experiments on the transearth portion of Apollo 16 and 17	1970
19790073008	Automated leak detection system for manned interplanetary spacecraft	1970
19790073033	Effect of LM descent stage payload weight changes on usable propellants	1970
19790073034	Calibration of the descent propulsion system propellant tanks and propellant quantity gauging system	1970
19790073035	Payload effect of premature S-2 center engine cutoff	1970
19790073036	Engine Performance for Space Shuttle Vehicle Studies	1970
19790073037	Space shuttle propulsion issue, staged combustion bell versus tap-off or gasgenerator aerospike /U/	1970
19790073038	Summary of Apollo 13 launch vehicle propellant reserves	1970
19790073039	Saturn 5 engine-out performance capability	1970
19790073040	Performance comparison of nuclear and chemical lunar shuttles	1970
19790073041	S-2 engine actuator forces during SA-508 POGO	1970
19790073042	Preliminary S-IVB POGO stability analysis	1970
19790073044	Statistical analysis of engine gain data	1970
19790073045	Performance of low cost Saturn S-4B with UA1207 solid rocket motors as interim launch vehicle	1970
19790073070	Comparison of advanced propulsion stages	1970
19790073071	Preliminary statistical analysis of J-2 engine data	1970
19790073082	The influence of atmospheric oxygen on velocity of flame spread along a solid	1970
19790073108	A theory of S-2 POGO	1970
19790073109	Preliminary analysis of traverse capabilities for a possible Apollo 15 mission to Hadley-Apennines	1970
19790073180	Candidate functions for Apollo lunar surface television systems	1970
19790073182	Alternative designs for the television transmission system of the Lunar Communications Relay Unit /LCRU/ and their communication link performance	1970
19790073183	Time lag associated with remote control of Apollo lunar surface TV camera	1970
19790073184	Expected communication performance of the Apollo subsatellite	1970
19790073185	Review of Skylab Program I/C Panel interface control documents	1970
19790073186	Analysis of air-ground voice contacts during the Apollo 12 launch phase	1970
19790073187	Path loss for a communications link on the lunar surface	1970
19790073188	Electrostatic potential of the lunar communication relay unit S-band antenna	1970
19790073189	Voice communications on-board Skylab A	1970
19790073190	Status of the design of the color television distribution system of the SWS of the Skylab program	1970
19790073191	Effects of deletion of LM erectable antenna on LM-MSFN communications	1970
19790073192	Voice communications observations during countdown and launch of Apollo 13	1970
19790073195	Proposed changes in Fra Mauro traverses to obtain significant VHF communications performance data on Apollo 14	1970
19790073196	Voice communications monitoring during Apollo 14 flight readiness test	1970
19790073198	Communications coverage for modular space station mission with three MSFN stations	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073202	Performance capabilities of the Apollo CSM and LM downlink communications	1970
19790073266	Path loss expressions for a radio link on a rough spherical surface	1970
19790073267	Description of the communications systems of the space vehicle for Skylab missions SL-1 through SL-4	1970
19790073289	Apollo 13 LM battery anomaly and lunar roving vehicle battery inference	1970
19790073290	Effect of thermal insulation venting on possible ATM high voltage arcing	1970
19790073307	Transient analysis of heat transfer in a simplified model of the Apollo oxygen tank,	1970
19790073334	ALSEP A1 status	1970
19790073335	Effects of target ligating and beta constraints on Skylab ground site photography	1970
19790073336	Potential CSM power problems for the J-missions	1970
19790073337	Questar - Feasibility for Apollo orbital photography	1970
19790073338	Apollo lunar surface ultraviolet camera	1970
19790073339	Operation of the Apollo 15 SIM photographic complement in the 60x170 and 60x8 nm orbits	1970
19790073340	Lunar topographic camera film selection	1970
19790073366	Illumination conditions for satellite observations	1970
19790073367	Lunar surface coverage of the mapping camera for potential J-mission sites - Copernicus, Marius Hills, and Hadley/Apennine	1970
19790073400	Users guide to the elliptical tank program ETANK1	1970
19790073402	Multi-segment modal synthesis for large dynamic systems case 620	1970
19790073417	System compatibility analysis - Earth resources experiments proposal	1970
19790073420	Tentative Skylab earth resources ground truth site distributions	1970
19790073421	Cloud cover statistics for tentative Skylab earth resources sites Interim memorandum	1970
19790073428	Flight planning for earth resources observations during the first Skylab mission	1970
19790073429	EREP opportunities for Skylab missions Time of occurrence versus flight-crew schedule	1970
19790073430	EREP opportunities for Skylab missions Typical ground track patterns	1970
19790073457	Shading of the AAP workshop solar array by the ATM array	1970
19790073458	Thermal response of the ATM charger/battery/ regulator modules during the proposed SL earth oriented missions	1970
19790073459	Solar array temperatures during the AAP-SWS earth pointing experiments mission mode	1970
19790073460	Thermal analysis of Skylab OWS solar cells	1970
19790073461	Solar cell flywheel power system briefing	1970
19790073467	Solar cell, flywheel energy storage power system	1970
19790073468	Electrical effects of partial shadowing of the Skylab workshop solar array	1970
19790073482	Skylab 1 inflight wind constraints, case 620	1970
19790073483	Evaluation of SPS weather avoidance delta-V requirements	1970
19790073506	Preliminary evaluation of water loss effects during EVA	1970
19790073507	Urine output variables and M071/73 sampling requirements	1970
19790073508	Proposed medical experiments for the J missions	1970
19790073509	Scheduling of three Skylab medical experiments	1970
19790073510	Physiological limits on Skylab B wobble during an artificial gravity experiment	1970
19790073511	State of the art of electrocardiogram computerized display	1970
19790073512	Apollo 15 EVA capability and constraints envelopes	1970
19790073571	Effects of Apollo program experience on the design of the AAP cluster water management system	1970
19790073573	Implications of revised EVA capabilities on traverse envelopes	1970
19790073574	Astronaut sleep patterns during AAP missions	1970
19790073575	Status report on the Automated Task Scheduler /ATS/ system	1970
19790073576	The Skylab humidity problem and several possible solutions	1970
19790073577	Tektite 2 - Aeromicrobiology experiment and the environmental control system, Case 105-5	1970
19790073578	Effect of lunar surface staytime and overall mission duration on J mission orbital science capability	1970
19790073579	Status of Skylab CO2 removal system	1970
19790073580	Iodine diffusion in the Skylab potable water tanks	1970
19790073581	The influence of thermal control system operation and environmental parameters on the Skylab atmospheric dewpoint temperatures	1970
19790073582	Integrated flight-crew timelines for the 'pick a day' study	1970
19790073583	A general discussion of crew safety traverse constraints	1970
19790073584	Characteristics and practicality of environmental control/life support system evolution	1970
19790073585	Sleep first lunar surface timeline for Apollo 15	1970
19790073586	Miniaturized Multi-Performance Test System /MMPTS/ for evaluating human status in operational environments	1970
19790073589	Tektite 2 behavioral observer handbook	1970
19790073624	Crew fatigue limits for Apollo operations	1970
19790073638	Onboard computing capability required to compress AAP telemetry data	1970
19790073639	Workshop computer interface unit reliability	1970
19790073640	Potential application of MSC on-board checkout system for performance of other data management functions on manned and unmanned spacecraft	1970
19790073646	Tektite 2 data management/handling, case 103-7	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073680	The Complete Eigenvalue Problem for General Real Matrices	1970
19790073681	Potential expansion for a non-homogeneous oblate spheroid, case 310	1970
19790073733	Quarterly progress report, January March 1970	1970
19790073734	Quarterly progress report, July September 1970	1970
19790073742	[MT Presentation of OMSF Management Council]	1970
19790073756	Bellcomm Quarterly progress report, Nov. Dec. 1969	1970
19790073757	Space verses ground tradeoffs for checkout functions in a space station, an ambiguous situation	1970
19790073774	A stellar ATM for Skylab B, case 105-5	1970
19790073775	Stars and planets visible in the LM AOT during the lunar stay time of the Apollo 14 mission	1970
19790073783	Scientific motivations for stellar X-ray and gamma ray astronomy - Review and directions for manned space flight participation	1970
19790073815	Fra Mauro - Apollo 13 prime landing site	1970
19790073816	Science requirements for an LRV navigation system	1970
19790073819	Impairment of terrain visibility during LM descent	1970
19790073820	Modular timeline elements for lunar roving vehicle traverse station stops	1970
19790073821	Use of shadow map techniques to estimate LM/EVA line-of-sight	1970
19790073822	J-mission traverse planning - The implications of Apollo 13 traverse scientific activities	1970
19790073823	Revision of operational constraints for J mission traverse planning	1970
19790073824	Feasibility of hybrid lunar missions to Hadley, Copernicus, Davy, Marius Hills and Descartes from early 1971 through 1974	1970
19790073825	Operational envelope for a possible Apollo 15 exploration mission at Littrow	1970
19790073826	A philosophy for LRV testing on the moon	1970
19790073827	An approach to J mission lunar surface traverse design as illustrated at Merriam Crater, Arizona	1970
19790073833	What is a traverse /ques/	1970
19790073834	J-mission lunar ground tracks and approach azimuths with either 54 or 66 hour stay and parallel or series CSM science	1970
19790073835	Photography of Luna 16 on an Apollo mission	1970
19790073836	The surface electrical properties experiment	1970
19790073837	Supplemental note on the feasibility of the proposed dielectric constant experiment at lunar landing sites	1970
19790073838	Status of Apollo 14 ALSEP/CCGE deployment	1970
19790073894	LRV design evaluation traverses	1970
19790073896	Significant results reported at the Apollo 11 lunar science conference	1970
19790073897	Operational constraints for J mission traverse planning	1970
19790073898	Scientific rationale summaries for Apollo candidate lunar exploration landing sites	1970
19790073899	Characteristics of lunar surface experiments	1970
19790073900	Post Apollo lunar exploration	1970
19790073901	Atmospheric science experiments for Mariner Mars 1971	1970
19790073902	Geologic characteristics of Lade, a possible Apollo highland landing site	1970
19790073903	Surface relief on Mars	1970
19790073904	Relative age determination from crater morphology studies	1970
19790073905	The shape of a lunar crater ray	1970
19790073906	Possible sources of seismic and transient events in the Fra Mauro region	1970
19790073907	Simultaneous detection of lunar seismic and transient gas events	1970
19790073908	Comparison of size-frequency distribution of large craters around the general area of Fra Mauro and Descartes landing sites	1970
19790073909	An analysis of the scientific objectives and proposed landing sites in the HadleyApennine region	1970
19790073910	Flux of micrometeoroids - Lunar sample analyses compared with flux model	1970
19790073929	Atmospheric X-ray fluorescence	1970
19790073938	Program review of alpha particle and X-ray spectrometers, American Science and Engineering, 17 December 1969	1970
19790073988	Flammability, odor, and offgassing requirements and test procedures for materials in environments which support combustion	1970
19790074175	Opportunities for manned ATM operation on SL-2	1970
19790075246	MSC Apollo 13 Investigation Team Panel 6 related systems evaluation. Volume 2: Lunar module	1970
19790075247	MSC Apollo 13 Investigation Team Panel 6 related systems evaluation. Volume 3: Command and service module	1970
19790075248	MSC Apollo 13 Investigation team Panel 6 related systems evaluation. Volume 1: Summary	1970
19790076829	Monthly weight and balance report for the Apollo spacecraft, July 1963	1970
19790080171	Nimbus D reaction wheel scanner and control electronics	1970
19790080969	Trade study criteria for mixed versus external compression inlets for B-1 (U)	1970
19790080992	B-1 preliminary brake performance requirements analysis (D481-39-Rev) (U)	1970
19790081441	Development of candidate B-1 basing plans (U)	1970
19790081442	B-1 operational basing concept definition (U)	1970
19790081745	Low speed wind tunnel tests of the 0.04 scale basic development 2 B-1 force model which simulates the -39 configuration where force and tail pressure data were obtained (NAAL 231)	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082300	Experimental electron beam memory	1970
19790083152	Experimental electron beam memory	1970
19790083153	Experimental electron beam memory	1970
19790084444	Digital techniques for test and evaluation of tacan antennas	1970
19790084581	Stereographic projections for cadmium sulfide and linthium niobate	1970
19790086743	Part specification semiconductor device integrated circuit, low power TTL, 4-bit binary counter	1970
19790087108	The usefulness of polarized sunglasses for search and rescue	1970
19790087277	Refrigerator car insulation	1970
19800071924	Nuclear flight system definition study, phase 2. Supplement to volume 5: Program operations and definition	1970
19800072741	Pioneer F and G spacecraft/RTG reentry breakup study	1970
19800073061	Viking project science management plan	1970
19800074949	Application of radioactive tracer techniques to flow decay problems	1970
19800077426	The fracture toughness of Al-Zn-Mg n alloys to DTD 5024: Effect of iron content	1970
19800079933	Low speed wind tunnel tests of the blade supported .032 scale B-1 force model 2 in the NAAL wind tunnel (NAAL-628), volume 1	1970
19800080107	B-1 subsonic diffuser development testing, series 1. Volume 1: Analysis	1970
19800080108	B-1 subsonic diffuser development testing, series 1. Volume 2: Data	1970
19800080390	Tests of a 0.04-scale B-1 basic development II model in the North American Rockwell low speed wind tunnel - NAAL 635	1970
19800080595	Evaluation of the TFE lined wing pivot journal bearings	1970
19800081234	Analysis of subsonic aerodynamic characteristics of various 0.04-scale and 0.043-scale B-1 configurations	1970
19810065913	Aeronomy laboratory system for digital processing of rocket telemetry tapes	1970
19810072430	Police alarm system	1970
19810072431	Private Alarm Signaling System (PASS)	1970
19810072432	School Emergency Communications (SECOM)	1970
19810072606	Effectiveness analysis of helicopter patrols, volume 1: Summary	1970
19810072607	Effectiveness analysis of helicopter patrols, volume 2: Evaluation	1970
19810072652	Forensic Sciences Microanalysis Seminar	1970
19810072656	Vehicle location study, Phase O Report	1970
19810072842	The NASA House: A house constructed and furnished with aerospace technology	1970
19810072973	Automated Drug Identification System (AUDRI)	1970
19810074044	Advanced Strategic Air Launched Missile (ASALM) guidance technology demonstration program. Volume 4: Appendics (U)	1970
19810075638	Supercritical airfoil evaluation	1970
19810076714	A-7D limited spin tests	1970
19810079433	An electric-discharge pulsed CO2 research laser	1970
19810080569	An investigation and design of improved guidance schemes for air-to-air missiles (U)	1970
19810081327	An unusual effect on the wear on graphite against austenitic steel	1970
19820066986	Application of radioactive tracer techniques to flow decay problems	1970
19820066987	Application of radioactive tracer techniques to flow decay problems	1970
19820068599	Improved aluminide coatings for nickel base alloys	1970
19820069898	NASA Office of Defense Affairs. the First Five Years, 1 December 1962 - 1 January 1968	1970
19820070908	Digital filter specifications	1970
19820070921	Design, development, manufacture and delivery of heat pipe application prototypes	1970
19820076499	Large scale inlet distortion investigation	1970
19830073608	An experimental and theoretical investigation of plane-stress fracture of 2024-T351 aluminum alloy	1970
19830073729	Stress distribution in bonded joints	1970
19830073731	Fatigue crack propagation in 2024-T3 and 7075-T6 aluminum alloys at high stresses	1970
19830073732	Layered composites with an interface flaw	1970
19830074128	The hot-salt stress corrosion cracking of titanium alloys	1970
19830077480	Dual mode lunar roving vehicle preliminary design study. Volume 2: Vehicle design and system integration. Book 1: DLRV system design and analysis. Book 2: DLRV tie-down, off-loading, and checkout. Book 3: Ground support equipment. Book 4: System safety analysis	1970
19830077481	Dual-mode manned/automated lunar roving vehicle design definition study. Volume 2: Vehicle design and systems integration. Book 4: Systems safety analysis	1970
19830079853	Production application of weldbonding to the A-10 weapon system	1970
19830082330	Survival analysis of Skylab program vehicles	1970
19830082377	Preliminary study of the analysis of the permanent gases in air by rapid chromatography	1970
19830082854	High strength aluminum alloy development	1970
19830085218	Single phase Navy preliminary evaluation of the A-4M airplane	1970
19840072451	Space Shuttle Auxiliary Propulsion System: APS ignition system	1970
19840072467	Hydrogen-oxygen APS engines	1970
19840072469	Space Shuttle auxiliary propulsion igniter system	1970
19840072470	High pressure reverse flow APS engine	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840072476	Hydrogen-oxygen APS engines	1970
19840072477	Hydrogen-oxygen APS engines	1970
19840072478	Rotating and positive displacement pumps for low thrust rocket engines	1970
19840072479	Rotating and positive displacement pumps for low thrust rocket engines	1970
19840072480	Rotating and positive displacement pumps for low thrust rocket engines	1970
19840072490	High pressure reverse flow APS engine	1970
19840072491	Hydrogen-oxygen APS engine	1970
19840072492	High pressure reverse flow APS engine	1970
19840072493	Space Shuttle auxiliary propulsion igniter system	1970
19840072494	Hydrogen-oxygen APS engines	1970
19840072495	Rotating and positive displacement pumps for low thrust rocket engines	1970
19840072496	Space Shuttle Auxiliary Propulsion System: APS ignition system	1970
19840072500	High pressure reverse flow APS engine	1970
19840072598	Space Shuttle Auxiliary Propulsion System: APS ignition system	1970
19840072601	Rotating and positive displacement pumps for low thrust rocket engines	1970
19840072651	Impedances of four types of antennas radiating into a multi-layered dielectric under a nonhomogeneous plasma layer	1970
19850068089	Artificial gravity experiment definition study, 31 December 1969 - 29 April 1970	1970
19850068333	Models of interstellar dust clouds	1970
19850068339	Modularized flight dynamics simulation (boost phase)	1970
19850068341	Derivation of equations for a 6-D trajectory with 3-D elastic body vehicle dynamics	1970
19850068815	NERVA program: Specification for high pressure gas vessels	1970
19850070000	Effect of Irradiation in LH2 on Bearing Cages, Bearing Cage Materials and Actuator Seals for NERVA Applications; S110-GTR20-W183 GTR-20A Tests 37R010, 37R011 and 37R013	1970
19860067064	Fuel-optimal reorientation of a spinning body	1970
19870067141	Analysis and mechanization of NASA-Langley flutter SAS concepts	1970
19890067906	Techniques for determining buffet onset	1970
19890068044	Investigation of stress corrosion cracking of titanium alloys	1970
19890068575	Repeatability, accuracy, portability and errors of the portable alignment gyrocompass system	1970
19900066074	Description of the conceptual arrangement for the rendezvous and docking of Soyuz type spacecraft	1970
19900066075	A short description of the docking device of Soyuz type spacecraft	1970
19900066076	Brief description of docking device of Soyuz-type spacecraft (with internal passageway)	1970
19900066087	Radiotelephone communications between manned spacecraft of the Soyuz type	1970
19900066147	Reference data on the parameters of the atmosphere in the living compartments of Soyuz type spacecraft	1970
19900066486	Saturn 5 launch vehicle flight evaluation report: AS-508 Apollo 13 mission	1970
19900066701	Statistical APL programs	1970
19900066801	The NASA scheduling system: The techniques of scheduling in the Apollo Program, part 3	1970
19900066822	Fabrication, characterization, and thermal conductivity of porous copper and stainless steel materials	1970
19900066947	Effect of the anomalous magnetic moment of the electron on spontaneous pair production in a strong magnetic field	1970
19900068092	Structural, Thermal And Meteoroid Protection System (STAMPS)	1970
19910072806	Special analytical study on cost comparisons of space power systems for selected missions, for the Office of Management and Budget	1970
19910072859	Intense quantizing magnetic fields in astrophysics	1970
19910073246	Index to NASA news releases and speeches (1969 supplement)	1970
19910073763	Measurement of aircraft tire mechanical properties used in shimmy analysis by means of scale models	1970
19920075296	Apollo/Saturn 5 postflight trajectory: AS-507	1970
19920075313	Apollo/Saturn 5 postflight trajectory: AS-508	1970
19920075834	Continued research on aircraft tire hydroplaning	1970
19920076041	Derivation of an empirical equation relating critical hydroplaning speed, water film thickness, and nominal contact patch bearing pressure, for an 8 inch diameter polyurethane model tire	1970
19930073066	Organophosphorus insecticide decontaminant	1970
19930073094	Phase B study for a UV-MW horizon sensor orbital experiment	1970
19930073119	Study of auxiliary power units for the Space Shuttle vehicle, phase 1	1970
19930073786	Design, construction and evaluation of a subsonic wind tunnel	1970
19930074048	A Single-Stage-to-Orbit Shuttle Concept	1970
19930074058	NASA CV-990 Airborne Laboratory: Experimenters' handbook	1970
19930074059	Earth resources objectives and measurement requirements	1970
19930074157	A lifting surface solution for vortex induced airloads and its application to rotary wing airloads calculations	1970
19930074161	Information transfer satellite concept study	1970
19930074162	Space Shuttle technology preliminary data. Static stability characteristics of MSC Orbiter: Effect of Reynolds number and body corner radius at M less than or equal to 0.5	1970
19930074264	Advanced Imaging Systems Technology Study: Future Mission Requirements State of the Art Recommendations	1970
19930074300	Equipment mechanization and flight test aircraft selection for space shuttle landing flight research	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930074343	Panel 1 spacecraft incident investigation. Volume 1: Anomaly investigation	1970
19930074964	Research Associated with the Langley 8-Foot Tunnels Branch	1970
19930078719	Ultraviolet and microwave horizon sensor satellite experiment: Phase B study. Volume 1: Summary	1970
19930078720	Ultraviolet and microwave horizon sensor satellite experiment: Phase B study. Volume 2: Appendix A: System and subsystem analysis	1970
19930078721	Ultraviolet and microwave horizon sensor satellite experiment: Phase B study. Volume 3: Appendix B: Phase C and D program planning	1970
19930078724	Buffalo modification program	1970
19930078785	Interagency report: Astrogeology 21. Paraphrased geologic excerpts from Apollo 12 mission	1970
19940004618	Improved heat-shield design procedures for manned entry systems. Part 2: Application to Apollo	1970
19940004619	Improved heat-shield design procedures for manned entry systems. Part 1: Executive Summary	1970
19940005131	Literature survey and feasibility study of use of electron beam fluorescence for temperature measurement in CO ₂	1970
19940005544	Carbon and sulfur isotope studies on Apollo 12 lunar samples	1970
19950065878	Heat shields for Planetary Atmospheric Experiments Test (PAET) probe, volume 1	1970
19960015678	A Study of the Electrotransport in Thin Films	1970
19960015680	NASA-IGT Predoctoral Design Training Program	1970
19960015886	An Advanced Method for Studying Electrotransport in Thin Films Using Electrical Resistance	1970
19960023971	Feasibility of Glass-Filament-Wound Plastics from Army Rocket Motor Cases	1970
19960027150	Atlas of the human brain in section	1970
19970020387	Reduction of Serum Uric Acid in Young Men During Physical Training	1970
20000027472	Space Shuttle: Convair Straight-Wing (B-8B) and Delta-Wing (B-9J) Boosters Aerodynamic Heat Transfer to the Space Shuttle Booster Surfaces at Hypersonic Speeds	1970
20000027658	Space Shuttle: Supersonic Aerodynamic and Static Stability Characteristics of the Twin Body Booster	1970
20000027665	Space Shuttle Technology Preliminary Data: Aerodynamic Characteristics of McDonnell Douglas Low and High Cross-Range Orbiters at Mach Numbers from 0.6 to 2.0	1970
20000028321	Effects of Reynolds Number, Body Corner Radius, and Mach Number on Aerodynamic Characteristics	1970
20000028327	Longitudinal Static Stability Characteristics of Martin Marietta Corporation Modified Orbiter Test 7341-7343	1970
20000029518	Space Shuttle Volume 1 Thermal Mapping Investigation MDC/MMC Phase B Space Shuttle Vehicles	1970
20000032423	Space Shuttle: Longitudinal and Directional Static Stability Characteristics of Martin Marietta Corporation Modified Orbiter (1/170 Scale)	1970
20000032425	Space Shuttle: Longitudinal and Lateral Directional Characteristics and Control Effectiveness of the NARC 129 SSV Orbiter (Delta Wing, High Cross Range)	1970
20000032705	Space Shuttle: NASA/MSO Orbiter (Aug. 1965 Revised Baseline) Longitudinal, Directional, and Lateral Stability and Control Characteristics	1970
20000033330	Space Shuttle: Convair Straight-Wing (B-8B) and Delta-Wing (B-9J) Booster Aerodynamic; Heat Transfer to the Space Shuttle Booster Surfaces at Hypersonic Speeds	1970
20000033344	Space Shuttle: Convair Straight Wing (B-8B) and Delta Wing (B-9J) Boosters with NAR Straight Wing and Delta Wing Orbiters; Interference Heat Transfer to Space Shuttle Vehicle Surfaces in Close Proximity at Hypersonic Velocity	1970
20000033345	Space Shuttle: Longitudinal and Lateral Static Stability Characteristics and Elevator Effectiveness for MSC Orbiter S-3	1970
20000033755	Space Shuttle: Investigation of Subsonic Aerodynamic Characteristics of Modified September 1969 Baseline Martin Orbiter Configuration FR5-2A	1970
20000033758	Space Shuttle: Thermal Mapping Investigation MDC/MMC Phase B Space Shuttle Vehicles	1970
20000033767	Space Shuttle: MSC Orbiter S-3 (12.5 K Orbiter) Investigation of Hypersonic Aerodynamic Characteristics	1970
20000033966	Space Shuttle Preliminary Data: Hypersonic Aerodynamic Performance and Stability and Control Characteristics of the NAR High Crossrange Orbiter	1970
20000033975	Space Shuttle: Interference Flow Field Heat Transfer Characteristics of the Combined Delta Wing Booster and MSC Orbiter	1970
20000034142	Static Aerodynamic Characteristics of the MSC-Proposed Launch Vehicle	1970
20000034143	Space Shuttle Preliminary Data: Aerodynamic Characteristics of Space Shuttle Vehicles; North American Rockwell Orbiters (M = 0.6 to 2.0)	1970
20000102175	Reconsiderations for Fatigue Analysis and Reliability in Design of Aircraft Structures	1970
20050201440	Analysis of COSO Delivery Accuracy Test Data	1970
20050201560	Pave Mack Weapons Effectiveness Analysis, SUU-30, BLU-61 Variant	1970
20050216572	Advanced Development Program. Advanced Aerial Targets Technology. High Altitude Supersonic Target (HAST). Development Plan	1970
20050228946	Space Electric Rocket Test (SERT II) Post Launch Report 4	1970
20050229132	Third Flight Experiment in Project RAM C	1970
20050229155	Launch of Space Electric Ion Test (SERT II)	1970
20050229310	Launch of Orbiting Frog Otolith (Vestibular Adaptation Experiment) and Radiation/Meteoroid Experiments	1970
20050229332	ITOS-A Mission Operation Report	1970
20050229369	INTELSAT-III, F-7 Launch; Communications Satellite Corporation	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20050229850	Nimbus 4 Mission Post Launch Report No. 1	1970
20050230151	ITOS-1 (TIROS-M) Post Launch Report No. 2: Mission Evaluation	1970
20050230736	INTELSAT III F-8 Launch; Communications Satellite Corporation	1970
20050232766	Skynet B Pre-Launch Mission Operation Report: Initial Defense Communications Satellite Program/Augmented Flight Mission (NASA Launch Responsibility)	1970
20050234598	Orbiting Astronomical Observatory (OAO-B)	1970
20050236238	Explorer 42: Small Astronomy Satellite-A Post Launch Report No. 1	1970
20050236472	Small Astronomy Satellite-A Explorer	1970
20070016682	An Experimental Mobile Automaton	1970
20070031107	Guidance System Operations Plan for Manned CM Earth Orbital and Lunar Missions Using Program Colossus 2E	1970
20080002306	Bellcomm Quarterly Progress Report: January, February, March 1970	1970
20080002331	Bellcomm Quarterly Progress Report: October, November, December 1969	1970
20080002334	Bellcomm Quarterly Progress Report: April, May, June 1970	1970
20080015907	Guidance System Operations Plan for Manned LM Earth Orbital and Lunar Missions Using Program LUMINARY 1C (LM 131, Revision 1)	1970
20080015908	Pocket Statistics: History	1970
20080018421	STRIPS: A New Approach to the Application of Theorem Proving to Problem Solving	1970
20080020444	Lunar Observations Verifier Editor User's Guide: Change 2	1970
20080021937	Study of Specific Antitoxic Activity of Therapeutic Globulin Against Anthrax	1970
20080030085	Lunar Observations Verifier Editor User's Guide: Change 3	1970
20080036000	Results of Static and Dynamic Force Tests of a 1/11 Scale Model of the F-4 Airplane and their Applicability to Theoretical Spin Analysis (Coord. No. N-AM-147)	1970
20080041529	Design Data Book - Airlock	1970
20080042331	The NASTRAN Theoretical Manual	1970
20090006712	Steady-State Airflow and Afterburning Performance Characteristics of Four J85-GE-13 Turbojet Engines	1970
20090006823	Lunar Roving Vehicle to Crew Physical, Functional and Environmental Requirements 13M07392	1970
20090006916	Lunar Roving Vehicle to Crew Physical, Functional and Environmental Requirements 13M07392	1970
20090009257	Take-Off and Landing Performance Study for Space Shuttle Vehicle	1970
20090011024	Apollo Program: Quarterly Weight and Performance Report, September 1969 through December 1969	1970
20090011217	Apollo Program: Quarterly Weight and Performance Report, March 1970 through June 1970	1970
20090015903	Major Test Facilities of the Engineering and Development Directorate	1970
20090018011	Skylab Program. Test Plan Summary	1970
20090021914	SKYLAB B Study: Phase I Technical Summary Report	1970
20090026364	Guidance System Operations Plan for Manned CM Earth Orbital and Lunar Missions using Program COLOSSUS 2E	1970
20090029337	Physical Electronics and Surface Physics	1970
20100030570	Alternate Space Shuttle Concepts Mid-Term Report. Volume II - Concept Definition, Planning and Cost Data. Part III - Cost Data	1970
20110000463	Test Report for Relief Valve, 1-Inch, 10,000 PSIG Sage Engineering and Valve Company Drawing No. 2-8050, Revision A	1970
20110000795	Analysis of the Method of Characteristics for Nonequilibrium, Internal Flows	1970
20110020478	Apollo 13 Mission (AS-508)	1970
20110020479	Apollo 13 Mission (AS-508) Post Launch Mission Operation Report No. 1	1970
20110020680	Nimbus 4 Mission Post Launch Report No. 3	1970
20110020681	Nimbus D Meteorological Satellite Project	1970
20110022343	NATO-A Pre-Launch Mission Operation Report	1970
20110022344	NATO A Post Launch Mission Operation Report No. 2	1970
20110022345	NATO A Post Launch Mission Operation Report No. 1	1970
20110022346	NATO-B Pre-Launch Mission Operation Report	1970
20110022967	Theoretical Research on Plasma Turbulence Involving Binary Particle Collisions and Effects	1970
20110022969	Impeller Clearance Effects. Monthly Progress Report No. 17	1970
20110022983	Infrared Laboratory Studies of Synthetic Planetary Atmospheres	1970
20110023092	Cryogenic Filament-Wound Tank Evaluation	1970
20110023095	Investigation and Study of Transient Heat Transfer	1970
20110023096	Regeneratively Cooled Rocket Engine for Space Storable Propellants	1970
20110023097	Suppression of Combustion Oscillations with Mechanical Damping Devices	1970
20110023098	Theoretical Study of the Magnetosphere, the Solar Wind, and the Transition Region; Continuation of Pioneer 8 Data Analysis	1970
20110023099	Space Storable Oxidizer Valve	1970
20110023101	Hydrogen Tank Pressurizing Gas Injector	1970
20110023102	Reusable Space Shuttle Vehicle Thermal Protection	1970
20110023103	Reusable Space Shuttle Vehicle Thermal Protection	1970
20110023105	Space Storable Explosively Actuated Valves Pyronetics Model 1356	1970
20110023106	National Aeronautics and Space Administration Space Cell Test Program	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20110023107	Research on Cavitating Pump Instabilities, Monthly Progress Report	1970
20110023108	High Frequency Shock of Spacecraft Systems	1970
20110023109	Compartmental Analysis and Missing Data Techniques in Stationary Time Series	1970
20110023110	Hydrogen Film/Conductive Cooling	1970
20110023111	Stress Corrosion of Metal Tank Materials	1970
20110023112	A Study of Celestial Objects of High Angular Momentum	1970
20110023113	Ignition System for Space Shuttle Auxiliary Propulsion System	1970
20110023114	Thrust Chamber for Space Storables	1970
20110023116	Boundary Cooled Rocket Engines for Space Storable Propellants	1970
20110023117	Stress Corrosion of Metal Tank Materials	1970
20110023123	Combustion Stability Investigation	1970
20110023129	Fluid Dynamical Aspects of Cardiovascular Behavior During Low-Frequency Vibration	1970
20110023133	Hydrogen-Oxygen Catalytic Ignition and Thruster Investigation	1970
20110023135	Investigation of Homeostatic Controls Operating in Tissues in Response to Dietary Manipulations	1970
20110023142	Boron Arsenide and Boron Phosphide for High Temperature and Luminescent Devices	1970
20110023144	Numerical Calculation of Flow Fields Behind Rectangular Wings	1970
20110023146	Research Program to Extend Cascade Data to Liquids and Higher Inlet Angles	1970
20110023149	Study of Semiconductor Heterojunctions of ZnSe, GaAs and Ge	1970
20110023158	[Planetary Atmosphere Studies Semi-Annual Status Report]	1970
20110023160	[Research in Coronal and Chromospheric Physics]	1970
20110023162	Establishing an Electrical Test Philosophy for LSI Microcircuits	1970
20110023164	Lunar Soil Properties and Soil Mechanics	1970
20110023166	Automatic Input Microscope	1970
20110023169	Effects of High and Low Barometric Pressures on Susceptibility and Resistance to Infection	1970
20110023170	Optical Read/Write Memory System Design	1970
20110023173	Experimental and Theoretical Investigation of Wind Tunnel Geometry, Emphasizing Factors Pertinent to V/STOL Vehicle Testing	1970
20110023182	Space Vehicle Integrated Thermal Protection/Structural/Meteoroid Protection System	1970
20110023191	Flush-Mounted Antennas Radiating Through Dielectric-Covered Curved Surfaces	1970
20110023192	Physiology of Chimpanzees in Orbit	1970
20110023531	Semi-Snnual Status Report Covering the Period June 1, 1970 to December 1, 1970 on NASA Grant NGL 39-004-001	1970
20110023566	Backscatter Ultraviolet (BUV) Instrument	1970
20110023612	Backscatter Ultraviolet (BUV) Instrument	1970
20110024210	The Vertical Takeoff and Landing Transport Plane: VTOL, Today's Dream or Tomorrow's Reality	1970
20110024234	Heat Pipe Technology for Advanced Rocket Thrust Chambers	1970
20110024235	Investigation to Extendable Nozzle Concepts	1970
20110024240	Investigation of Instabilities in Atmospheric Flow Systems Associated with Clear Air Turbulence	1970
20110024241	Lunar Studies	1970
20110024243	Investigation of the Fracture Mechanics of Boride Composites	1970
20110024244	Solar Cell Radiation Damage Experiment	1970
20110024248	Study of the Decay and Recovery of Orbiting Artificial Space Objects	1970
20110024270	Space Vehicle Integrated Thermal Protection/Structural/Meteoroid Protection System	1970
20110024271	MSFC-DRL-231 Line Item I. Space Station	1970
20110024274	[Semi-Annual Report], 1 May - 31 October 1970	1970
20110024275	Theoretical Studies of Diffuse Reflection and Transmission of Radiation in Planetary Atmospheres	1970
20110024276	Metal Tank Fracture and Design Criteria	1970
20110024284	Cycle Testing of Graphite Filament-Wound Pressure Vessels	1970
20110024285	Research in Solar Ultraviolet Spectroscopy	1970
20110942660	MULE - Manned Unmanned Lunar Explorer	1970
20120000052	Research on Cavitating Pump Instabilities. Monthly Progress Report 7021-4	1970
20120016641	Development of a Differential Image Display System for Application Satellites	1970
20130009826	Earth Resources	1970
20130009850	Apollo 12 Entry Postflight Analysis	1970
20130013967	Index of Technical and Management Information Specifications for Use on NASA Programs	1970
20130013974	Apollo Applications Failure Mode Effects Analysis. Volume 9: Guidance and Control Subsystem	1970
20130014096	The Absorbed Dose and Dose Equivalent from Neutrons in the Energy Range 60 to 3000 MeV and Protons in the Energy Range 400 to 3000 MeV	1970
20130014355	Space Station Program. Phase B Definition: Options Period Study Plan	1970
20130014554	Space Storable Regenerative Cooling Investigation	1970
20130014579	Correlation of Drop Size Distribution and Injector Variables	1970
20130014580	Effect of Baffles on Combustion Instability	1970
20130014625	Topics in Structural Dynamics	1970
20130014628	Avalanche Diodes for the Generation of Coherent Radiation	1970
20130014644	Ecology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20130014648	The Study of Optical Properties and Collective Oscillations in New Solid State Materials as a Function of Temperature Using Infrared and Raman Techniques	1970
20130014655	Gas Surface Interactions under Satellite Conditions	1970
20140000030	Vortex Computation by an N-Parameter Integral Method using Exponentials	1970
20140000031	Stability and Behavior of Vortex Flows at High Swirl	1970
20140000132	Aurora and Airglow Phenomena in Planetary Atmospheres	1970
20140000352	Physiological and Developmental Changes Resulting from Reduced Gravitational Force with Animals Chronically Adjusted to Centrifugal Fields	1970
20140000372	Metabolic Gas Analyzer	1970
20150009368	Planning, Evaluation and Analytical Studies in Planetary Quarantine and Spacecraft Sterilization	1970
20150009369	Organic Constituent Inventory for Planetary Flight Missions	1970
20150009370	Mathematical Basis for a Diffusion Model of Microbial Spore Destruction	1970
20150009371	Analytical Basis for the Estimation of Planetary Contamination by Terrestrial Micro-Organisms	1970
20150009377	Biological Indicators for Monitoring Sterilization Processes	1970
20150009995	Quarterly Status Report on NASA Contract R-35	1970
20150010003	Planetary Microbiological Contamination Log	1970
20150010004	Biodetection Grinder	1970
20150010009	Services Provided in Support of the Planetary Quarantine Requirements	1970
20150010010	Services Provided in Support of the Planetary Quarantine Requirements	1970
20150010011	Re-Evaluation of Planetary Quarantine Constraints	1970
20150010031	Dry-Heat Resistance of Bacterial Spores Recovered from Mariner-Mars 1969 Spacecraft	1970
20150010036	Soil Microbial and Ecological Investigations in the Antarctic Interior	1970
20150010043	Dry-Heat Inactivation Kinetics of Naturally Occurring Spore Populations	1970
20150010060	Services Provided in Support of the Planetary Quarantine Requirements of the National Aeronautics and Space Administration	1970
20150010063	Biostatistics and Space Exploration: Microbiology and Sterilization	1970
20150010090	User's Manual for the Planetary Quarantine Lunar Information System	1970
20150010267	Gaseous Disinfection	1970
20150010275	Microbiological Analysis of Snow and Air from the Antarctic Interior	1970
20150010300	Reproducibility of Results in Dry Heat Resistance Studies	1970
20150010302	Biological Evaluation of the Biodetection Grinder	1970
20150010305	Implications of 1970 COSPAR Recommendations on PQ Requirements for Mars Missions	1970
20150010446	Dry-Heat Inactivation Kinetics of Naturally Occurring Spore Populations	1970
20150010454	Planetary Quarantine Program	1970
20150010456	Services Provided in Support of the Planetary Quarantine Requirements of the National Aeronautics and Space Administration	1970
20150010459	Optimizing Thermal and Radiation Effects for Bacterial Inactivation	1970
20150010462	Biology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components	1970
20150010490	Sterilization Procedures for Planetary Landers	1970
20150010511	The Space Environment	1970
20150010515	Life Detection Systems	1970
20150010516	Contamination and Sterilization	1970
20150010539	Mechanical Sterile Insertion System, Quality Assurance	1970
20150010540	Implications of Change in Probability of Microbial Growth for Mars	1970
20150010541	Mariner Mars 1971 Planetary Quarantine Plan	1970
20150010542	Planetary Quarantine: Recontamination Phase	1970
20150010553	Development of New and Improved Techniques for the Bioassay of Spacecraft	1970
20150010557	Pioneer Program	1970
20150010589	Quarantine Document System Operations Manual	1970
20150010590	Optimization of Oven Heating Profiles in Spacecraft Sterilization	1970
20150010591	Analysis of Microbial Release Probabilities	1970
20150010606	On the Role of DNA in Wet Heat Sterilization of Micro-Organisms	1970
20150010673	The Model Assembly Sterilizer for Testing (MAST)	1970
20150012574	Biomedical Applications of Space Related Technology	1970
20150016578	Experimental and Theroretical Investigation of Wind Tunnel Geometry, Emphasizing Factors Pertinent to V/STOL Vehicle Testing	1970
20150016618	Guidance System Operations Plan for Manned CM Earth Orbital and Lunar Missions Using Program Colossus 2E	1970
20150017550	Development of a Method for Qualifying Spacecraft Materials Used in Pure Oxygen	1970
20150018496	Model Test of Smokeproof Tower Under Enforced Heating	1970
20150018543	Investigation of Reactivity of Launch Vehicle Materials with Liquid Oxygen	1970
20160000921	The Life Hazard of Bedding and Upholstery Fires	1970
20160000922	Fire Casualties of the German Attacks	1970
20160001000	Fire Research Note: The Construction and Use of an Apparatus for Determining the Drainage Characteristics of High Expansion Foam	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160001013	Specification for Alarm Systems in Buildings	1970
20160001064	Remote Sensing for Chemical Propellants	1970
20160001091	Documentation Plan for the Lunar Receiving Laboratory	1970
20160001246	NASA Pocket Statistics	1970
20160001247	NASA Pocket Statistics	1970
20160003627	Examination of Space Suit S/N 067 Cover Layer Materials and Mechanical Components	1970
20160003628	Ascent Propulsion System Test Report: PA-1 Series 14, Tests 1 and 2 - Engine Valve Failure Effects	1970
20160003629	WSTF Filter Test Program: Interim Summary Report	1970
20160003630	Evaluation of the Reactivity of LM PQGS Wire in Aerozine-50 and N2O4	1970
20160003632	LM Ascent Engine Test Program	1970
20160003633	Design Feasibility Test Report Cabin Dump and Relief Valve, LM Item 307 Lunar Module Environmental Control System	1970
20160003637	Design Verification Test for LM Cabin Fan Filter	1970
20160003638	Qualification Test Procedure, PLSS Pressure Regulator Assembly	1970
20160003640	End Item Test Plan and Procedure, PLSS Oxygen Regulator Assembly	1970
20160003641	End Item Test Procedure, High Pressure Gaseous Oxygen Components	1970
20160003667	Mission Requirements SA-509/CSM-110/LM-8 H-3 Type Mission: Lunar Landing	1970
20160003668	User's Guide for Launch Abort Version of ARM08	1970
20160003670	Apollo Lunar Reflectivity Model	1970
20160003672	Landing Site Accessibility Plot Program Moon Reference- Change 2	1970
20160003673	Antenna and Propagation Studies for Spacecraft	1970
20160003753	Apollo 12 MSFN Metric Tracking Performance	1970
20160003770	Houston Operations Predictor/Estimator (HOPE) Programming Manual	1970
20160003771	Houston Operations Predictor/Estimator (HOPE) Programming Manual	1970
20160003774	Apollo Reference Mission Program - Version 08 Lunar Descent/Ascent Supplement User's Manual Change 1	1970
20160003776	Apollo Communication System Support	1970
20160003777	Apollo EMU Garment Program	1970
20160003778	Apollo Lunar Surface Experiments Package	1970
20160003779	Apollo Lunar Surface Experiments Package	1970
20160003783	Measurements Requirements Document	1970
20160003795	Apollo ECS Potable Water Subsystem Compatibility with Sodium Nitrate Delta Qualification Test Report	1970
20160003797	Skylab Operations Handbook (Preliminary): Command and Service Modules	1970
20160003798	Apollo Applications Operations Handbook (Preliminary)	1970
20160003800	Contingency MDA/CSM Power Transfer Capability	1970
20160003805	Analysis of Communications System Capabilities for MCC Communications Support	1970
20160003807	Design Feasibility Test for LM Cabin Fan Filter	1970
20160003955	Test Project Engineering Report Standard Manufacturing Procedure A/S Structural Assembly Docking Ring Check - SMP #3360 - LM-12	1970
20160003956	Test Project Engineering Report Standard Manufacturing Procedure S-Band Section Insertion Loss and VSWR Test-SMP 3827-A-3 - LM-11	1970
20160003957	Test Project Engineering Report Standard Manufacturing Procedure VHF Section Insertion Loss and VSWR Test - SMP #3826-A - LM-11	1970
20160003958	Test Project Engineering Report Operational Checkout Procedure RCS Flush And Parker Valve Latch Force Test - OCP No. 31040 - LM-11	1970
20160003959	Test Project Engineering Report RCS Helium and Propellant Tank Proof, Leakage and Functional Test OCP-GF-31036 LM-11	1970
20160003960	Test Project Engineering Report High Pressure Oxygen Check Valves Test OCP-GF-33078-LM-10	1970
20160003961	Test Project Engineering Report Operational Checkout Procedure Electrical Circuit Interrupter Operation Test OCP #32020 LM-10	1970
20160003962	Test Project Engineering Report Standard Manufacturing Procedure Explosive Devices S/S Resistance Measurement Test - SMP #3250-C LM-10	1970
20160003963	Test Project Engineering Report Descent Stage Propulsion Electrical and Fluid Check OCP-GF-26043-LM-10	1970
20160003964	Standard Manufacturing Procedure Test Project Engineering Report Descent EPS Power Checkout and Feederline Resistance Check SMP #3914-B LM-10	1970
20160003965	Test Project Engineering Report Verification of H2O Pressure Transducers and A/S H2O Flight QD's DR #9 LM-10	1970
20160003966	Test Project Engineering Report D/S Substitute Propellant Orificing Test OCP-GF-26007-LM-10	1970
20160003967	Test Project Engineering Report High Pressure Oxygen Control Assembly Functional Test OCP-GF-33076-LM-10	1970
20160003968	Test Project Engineering Report RCS Verification/Pressure Integrity of Thrust Chambers and Engine Gas Flow OCP-GF-31033-LM-10	1970
20160003969	Test Project Engineering Report Suit Liquid Cooling Assembly - Proof, Pressure Decay and Functional Test OCP-GF-33074-LM-10	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160003970	Test Project Engineering Report Descent Stage Water Management System OCP-GF-33066-LM-10	1970
20160003971	Test Project Engineering Report Pre-Installation Checkout Test D/S SHe Tank - S/N 116 LM-10 SMP 2645-1	1970
20160003972	Test Project Engineering Report Reaction Control Subsystem OCP-GF-62000-RCS-LM-10	1970
20160003973	Test Project Engineering Report Ascent Stage Substitute Propellant Orficing Test OCP-GF-27005 LM-10	1970
20160003974	Test Project Engineering Report ECS Interstage Disconnect Bench Check (O2 Compatibility, Proof and Leak Check) TPS 37-1097 LM-7	1970
20160003975	Test Project Engineering Report Evaluation of Mission and Event Timer Digital Readout DR #81 LM-9	1970
20160003976	Test Project Engineering Report 100 Ft. T.V. Cable Test DR #75 LM-9	1970
20160003977	Test Project Engineering Report 14.5 KHz Subcarrier Deviation Test DR-74, LM-9	1970
20160003978	Test Project Engineering Report Subjective Lighting Review, Operational Check-Out - OCP-GF-39020 - LM-9	1970
20160003979	Test Project Engineering Report S-Band Steerable Antenna Retest DR #26	1970
20160003980	Test Project Engineering Report Total Hemispherical Emissivity and Solar Absorptance Measurements OCP-GF-32023 LM-9	1970
20160003981	Test Project Engineering Report Pre-Installation Checkout Test D/S SHe Tank S/N 104 LTA-5 SMP 2645-2	1970
20160004025	LM-9 Factory Test and Checkout Plan	1970
20160004026	LM-11 Factory Test and Checkout Plan	1970
20160004027	Test Report for the Timer Resistor Assembly Qualification Test LDW 355-57025-1 in LCQ 355-014 (Certification Test Requirement)	1970
20160004028	Test Report for LM Window Filament Heaters Electrical Contact Qualification Test (LDW 280-57103, LDW 280-57102) CTR LCQ 280-041	1970
20160004107	Cabin Fan Filter Environmental Control Subsystem Design Control Specification	1970
20160004112	Potting Compound, Silicone, Room Temperature Cure	1970
20160004115	Procedure for LTA-11 Drop Test	1970
20160004116	Procedure for A/S-D/S Battery Cold Rail Flow Balancing (DVT)	1970
20160004117	Apollo Operations Handbook: Lunar Module LM 7 and Subsequent	1970
20160004118	LM CTR/CTE Status List	1970
20160004119	Failure Mode and Effects Analysis for the SCEA LSC 360-504-101 Analog Buffer	1970
20160004120	Criticality Study for Sprague Transistors 3N90 Series	1970
20160004121	5 Battery EPS Configuration and Power Distribution System	1970
20160004122	LM-8 Single Point Failure Summary	1970
20160004127	LM-9 Connector Report	1970
20160004128	LM-8 Connector Report	1970
20160004143	End Item Calibration Specification Astronaut Cooling Suit Simulator LDW-430-53000	1970
20160004144	End Item Calibration Specification Water Components Test Stand Assembly LSC 430-52160	1970
20160004152	End Item Calibration Specification Leak Test Set, Descent Engine	1970
20160004153	End Item Calibration Specification Alignment Gauge, RCS Thruster	1970
20160004160	End Item Calibration Specification EPS Power Limiter and Distribution Assembly	1970
20160004169	End Item Calibration Specification Bench Test Console, Rendezvous Radar	1970
20160004170	End Item Calibration Specification T/E Unit Doppler Spectrum Simulator	1970
20160004175	End Item Calibration Specification Uplink S-Band Monitor	1970
20160004178	End Item Calibration Specification Adapter, Landing Radar Antenna Checkout LDW 410-31020	1970
20160004181	LEM Propellant-Tank Assembly (Ascent Stage)	1970
20160004182	Primary Battery: End Item Narrative Report DCAS QAR Comments	1970
20160004183	End Item Narrative Report - DCAS QAR Comments	1970
20160004184	End Item Narrative Report: DCAS QAR Comments	1970
20160004185	End Item Narrative Report: Primary Power, Ascent	1970
20160004186	LEM Propellant-Tank Assembly (Ascent Stage)	1970
20160004187	LEM Propellant-Tank Assembly (Ascent Stage)	1970
20160004188	LM Propellant Tank Assembly (Ascent Stage)	1970
20160004189	Apollo 9 Mission Report: Performance of the Command and Service Module Reaction Control System	1970
20160004190	End Item Specification Flight Hardware for Particle Collection (Experiment S149)	1970
20160004192	Lunar Module Umbilical Cutter Assembly Evaluation	1970
20160004193	Landing Point Biases Based on LPS Capability	1970
20160004194	Apollo 13 Navigation Results	1970
20160004195	Skylab Electrical Power Subsystem Parametric Analysis	1970
20160004196	Propulsion Systems Consumables Requirements for the July 19, 1972 Skylab Baseline Reference Missions	1970
20160004197	LM Descent Manual Throttle-Down Technique	1970
20160004198	Project Apollo: Navigation for the Apollo 12 Lunar Landing	1970
20160004527	Skylab Program Operational Data Book	1970
20160004529	Simulator Data Package for Skylab 1/2	1970
20160004530	RTCC Offline Requirements for H-3: Lunar Surface Star Selection Processor	1970
20160004531	Views From the Returning Apollo 13 Spacecraft	1970
20160004532	Test Report Mission G (LM-5) Crew Thermal Vacuum Training Tests	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160004533	Revision 1 to the RTCC Requirements for Mission G: Landing Site Determination Using Rendezvous Radar and Optical Observations	1970
20160004534	Skylab Electrical Power Subsystem Baseline Reference Mission Analysis	1970
20160004536	Predicted Launch Abort Landing Point Data Computed for Apollo 13	1970
20160004537	RTCC Requirements for Apollo 15 (Mission H-4): LOI Targeting	1970
20160004538	First-Order Solution to Errors on Individual Measurements	1970
20160004539	Operational Spacecraft Attitude Sequence for Apollo 13 (Mission H-2)	1970
20160004540	Statistics of State-Vector Corrections for Apollo Onboard Computers	1970
20160004541	Launch Window Scans and Associated Mission Planning Data for 1971	1970
20160004542	Apollo Orbit Determination and Navigation	1970
20160004544	Apollo Displays and Controls Light-Dimming Transformer	1970
20160004549	Calibration Procedure for RNB Test Set	1970
20160004557	Mission Requirements: Apollo Applications Missions AAP-1/AAP-2, AAP-3, and AAP-4	1970
20160004558	Qualification Test Report for Propellant Utilization and Gaging System (Block II)	1970
20160004589	End Item Report for Rendezvous Radar Antenna Assembly Model 23 Serial 123	1970
20160004590	Feasibility Test Procedure, Overboard Relief Valve, Part No. 5702001	1970
20160004591	Feasibility Test Procedure, Overboard Relief Valve, Part No. 5699093	1970
20160004592	Design Evaluation Test Procedure, PLSS Pressure Regulator Assy	1970
20160004595	Design Verification Test Plan and Procedure, Oxygen Control Assembly, PN 5650072M6	1970
20160004597	Customer Test Procedure, PLSS Oxygen Regulator Assembly	1970
20160004598	Customer Test Procedure LMMP Oxygen Control Assembly	1970
20160004599	In Process Inspection and End Item Acceptance Procedures Apollo Survival Equipment - Block II Dual Life Vest SEB40100092	1970
20160004601	Apollo Survival Kit Dual Life Vest Assembly and In-Line Inspection Procedures SEB40100092	1970
20160004602	Apollo Survival Kit, Three-Man Life Raft, Assembly and In-Line Inspection Procedures Revision F	1970
20160004604	Post Flight Analysis Report Apollo 12 EMU Integrated Thermal Micrometeoroid Garment Disassembly	1970
20160004605	Unmanned PLSS S/N 00024 Verification Test for Apollo Missions	1970
20160004609	Electric/Electrical/Electromechanical parts list for the Apollo EVA Tone Generator Model SE 517A	1970
20160004616	Acceptance Test Data for Rendezvous Radar Electronic Assembly	1970
20160004624	Chronological Listing of Technical Reports Produced on Task E-34	1970
20160004625	[Skylab Program Operational Data Book (ODB)]	1970
20160004626	Apollo 14 Unit Test Case Recommendations for the Moon and Earth Reference RTCC Return-to-Earth Abort Conic Subprocessor	1970
20160004627	Real Time Mission Support; Spacecraft Aerodynamic Heating Abort Criteria	1970
20160004629	RTCC System Engineering Book III: Equipment Test Specifications	1970
20160004648	Traceability List, Oxygen Control Assembly, High Pressure PN 5690042-101 and 5690042-102	1970
20160004653	Electromagnetic Interference Test Plan 12-P10302B	1970
20160004654	Interference Control Plan	1970
20160004655	Electromagnetic Interference Test Plan 12-P10300B	1970
20160004656	Interference Control Plan	1970
20160004657	Electrical, Electronic Electromechanical Parts Survey Data	1970
20160004663	Parts List - Oxygen Control Assembly, High Pressure PN 5690042-101 and PN 5690042-102	1970
20160004664	Feasibility Test Report, Internal Leakage and Life Expectancy of Overboard Relief Valve (PN 5699093) Poppet and Body	1970
20160004665	Drawing Numbering Tree Oxygen Control Assembly High Pressure PN 5690042-101 and 5690042-102	1970
20160004707	For Architects and Builders	1970
20160004709	The Extinguishing Thing	1970
20160004714	Fire Detection by "Observation"	1970
20160005227	Welding and Brazing of Precipitation-Hardening Stainless Steels	1970
20160009384	Selection of Germicidal Table and Compartment from Rehydratable Beverage Package	1970
20160009385	Development of Spoon-Feeding Rehydratable Food Package	1970
20160012514	Alternate Space Shuttle Concepts Plan: Phase A Study	1970
20160012526	Study Plan for Study of Alternate Space Shuttle Concepts (Phase A)	1970
20160012538	Proposal to Accomplish Phase B: Space Shuttle Program	1970
20160013456	The Space Shuttle as an Element in the National Space Program	1970
20160013506	Statement of Work: Space Shuttle System Program Definition (Phase B)	1970
20160013514	Space Shuttle Program Requirements Documents Level I	1970
20160013516	Space Shuttle Velocity Stages	1970
20160013571	Space Transportation System Technology Symposium VI - Integrated Electronics (Including Electric Power)	1970
20160013577	Summary Report on the Lunar Exploration Program in Support of the Manned Planetary Mission Requirements Study	1970
20160013590	Skylab Operations Handbook: Orbital Workshop (OWS), Airlock Module (AM), Multiple Docking Adapter (MDA)	1970
20160013600	Recovery Requirements Apollo 13	1970

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160013612	Project Apollo: Apollo 13 (AS-508)	1970
20160013758	NASA Response to Apollo 13 Review Board Report	1970
20160013770	Typical Guidance and Control Mission Profile for Orbital Non-Rendezvous Mission	1970
20160014371	Apollo 13 Mission Commentary	1970
20160014372	Apollo 13 Onboard Voice Transcription Recorded on the Command Module Onboard Recorder Data Storage Equipment (DSE)	1970
20160014376	Apollo 12 Onboard Voice Transcription: Recorded on the Command Module Onboard Recorder Data Storage Equipment (DSE)	1970
20160014408	Apollo CSM 110-115 H and J Mission Criticality I and Criticality II Single Failure Point Summaries	1970
20160014420	Apollo 14 Final Lunar Surface Procedures	1970
20160014437	ALSEP Handbook for Apollo 13 Flight Crew	1970
20160014745	Proposal to Accomplish Phase B: Space Shuttle Program	1970
20160014752	Proposal for a Two-and-One-Half-Stage Space Shuttle Configuration	1970
20160014756	Space Shuttle Engine	1970
20170000896	XLR Pitch Book	1970
20170000897	Propulsion for Reusable Launch Vehicles	1970
20170000924	A Future Manned Program Scenario?	1970
19700075190	Background material and NASA FY 1971 budget briefing - News release	1971
19710003979	Sampling of frontal analysis and determination of carbon monoxide	1971
19710003988	Use of potassium superoxide in the regeneration of exhaled gases	1971
19710004295	Investigation of two-layer gas flows in supersonic axially symmetric nozzles	1971
19710005278	Extraterrestrial civilizations - Problems of interstellar communication	1971
19710006594	Pilot Assessment Aspects of Simulation	1971
19710006990	Physical properties of rocks in structural-formation zones of the Northern Caucasus and their importance in interpreting geophysical data	1971
19710006995	Studies on the synthesis and utilization of formose. Part 1 - Sugar formation by the formaldehyde condensation in the presence of inorganic and organic bases	1971
19710007001	Aromatic cyanate esters as the basis for new resins in lamination technology	1971
19710007020	Strain-energy theory of failure of oriented fiber glass-reinforced plastic laminates under biaxial compression	1971
19710007021	Convergence and mean square error estimation in solution of particular boundary-value problems for elliptics equations by the straight-line method	1971
19710007025	Application of SERT 2 thermal control coatings	1971
19710007026	Certain unsolved problems of automatic control theory	1971
19710007028	Determination of the theoretical compression strength of reinforced materials	1971
19710007132	Theoretical physics - Study of the graviton emission process	1971
19710007333	Feasibility Study of a Single-Stage Re-Usable Ballistic Booster System BETA	1971
19710007366	Nature of the failure of a unidirectional fiber glass-reinforced plastic under compression	1971
19710007383	Aeronautics and Space Report of the President, January 1971	1971
19710007386	Thermal radiation from the moon and the physical properties of its upper mantle	1971
19710007937	Circular structures on earth and on the planets	1971
19710007966	Establishment of take-off and landing safety margins for the Breguet 941	1971
19710007968	Flow with a separated shock wave past a wedge-shaped profile	1971
19710007989	The absorbing properties of unconsolidated and loosely bonded two-phase media	1971
19710007991	Broadcasting by means of satellites	1971
19710007993	Thin airfoil theory	1971
19710008003	Computation of the elastic parameters of rocks from their mineralogical composition	1971
19710008006	Centrifugal Pumps	1971
19710008045	Direct observation of magnetic flux lines in superconductors	1971
19710008095	A study of the combustion of laminar fuel jets	1971
19710008658	Ball lightning	1971
19710008922	Measurement of Interfering Unsteady Forces Between Lifting Surfaces in Tandem	1971
19710008926	Contribution to the study of sonic flows past an obstacle	1971
19710008944	Application of the calculus of variations to the design of minimum-volume structures	1971
19710009098	Relationships between cardiac volume, body weight, physical work capacity and blood volume in healthy men and women with varying range of performance	1971
19710009101	Equilibrium shapes of the free surface of a fluid in gravitational and magnetic fields with surface tension forces taken into consideration	1971
19710009144	Calculation of minimum-weight beams and frames under random loading	1971
19710009145	Calculation of uniformly dependable minimum-weight structures	1971
19710009147	Application of a mixing length scheme to the study of equilibrium turbulent boundary layers	1971
19710009171	The use of variational methods in calculating medium-weight systems	1971
19710009464	Propagation of disturbances in viscous hypersonic flows	1971
19710009493	Contribution to the contrast between the results of laboratory and in situ determination of physical parameters on the basis of seismic wave velocities in rock salt	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710009512	A numerical method of determining the aerodynamic coefficients of thin supersonic wings which are dependent on the angle of attack	1971
19710009516	Investigation of the effect of high temperatures and pressures on change in velocity in igneous and metamorphic rocks	1971
19710009534	The service life of ball bearings	1971
19710009538	Study of the behavior of bismuth sulfide, antimony sulfide and antimony selenide under sublimation in a vacuum	1971
19710009539	Effect of chromaluminization on the fatigue strength at 700 C of an Inconel 713 alloy	1971
19710009552	Improvements in the microprobe analysis of diffusion layers. Application to an Inconel 713 chromaluminized sample	1971
19710009676	Young's modulus, shear modulus and compressibility of Fe-Ni /fcc/ alloys	1971
19710009767	The panoramic views of the lunar surface, volume 2	1971
19710009799	Creep-rupture strength of reinforced plastics under uniaxial compression	1971
19710009882	Recent Experience in Using Finite Element Methods for the Solution of Problems in Aerodynamic Interference	1971
19710009886	Extension of a Numerical Solution for the Aerodynamic Characteristics of a Wing to Include a Canard or Horizontal Tail	1971
19710009891	Flight and Wind Tunnel Investigation of Installation Effects on Underwing Supersonic Cruise Exhaust Nozzles at Transonic Speeds	1971
19710009893	Aerodynamic Interference Between Exhaust System and Airframe	1971
19710009896	Studies of Aircraft Flow Fields at Inlet Locations	1971
19710009938	Pioneer project and Pioneer 6 mission, part 1	1971
19710009939	Extended flight phase, part 2 First annual period, 1 Jul. 1966 - 1 Jul. 1967	1971
19710009940	Extended flight phase, part 3 Second annual period, 1 Jul. 1967 - 1 Jul. 1968	1971
19710009941	Extended flight phase, part 4 Third annual period, 1 Jul. 1968 - 1 Jul. 1969	1971
19710010105	The heart and sports - Essays on cardiology in sports	1971
19710010164	Mission analysis and methodology, part 1	1971
19710010165	System theory, part 2	1971
19710010166	Communication systems optimization methodology, appendix A	1971
19710010167	COPTRAN, appendix B	1971
19710010169	Transmitting power sources, part 1	1971
19710010170	Modulators, part 2	1971
19710010171	Detectors, part 3	1971
19710010172	Transmitting and receiving apertures, part 4	1971
19710010173	Acquisition and tracking, part 5	1971
19710010174	Prime power systems, part 6	1971
19710010175	Heat ejection system, part 7	1971
19710010320	In-situ measurement of objective lens data of a high-resolution electron microscope	1971
19710010321	Buffet load measuring technique Final report	1971
19710010403	The Organizing Principle of Complex Living Systems	1971
19710010607	Corrosion resistance of aluminum silicon alloys	1971
19710010608	The heat field and abyssal structure of the eastern Carpathians	1971
19710010614	The chemical treatment of glass surfaces	1971
19710010615	Transport properties of chemically reacting gases	1971
19710010675	The method of determining the ingestive and digestive capability of neutrophils	1971
19710010689	Study of the influence of high pressures and temperatures on velocity of elastic waves in certain rocks of the Ukrainian shield	1971
19710010691	Possible use of ion-exchange resins as carriers of plant nutrients	1971
19710010692	Ion-exchanger-based synthetic nutrient media for growing plants	1971
19710010704	Effect of lithium and calcium ions on the acetylcholinesterase activity of erythrocytes	1971
19710010712	Bioastronautics and extraterrestrial life	1971
19710010780	Properties of optical materials in space	1971
19710010781	Second approximation in the problem of strong viscous interaction on thin three dimensional bodies	1971
19710010819	The rate of propagation of ultrasonic waves in Hungarian rocks, and its correlation with other physical and chemical rock characteristics	1971
19710010825	The elastic properties of alkali syenites from the October Massif	1971
19710010826	Injection of high-energy electrons into the inner regions of the magnetosphere during the magnetic storm of 29 October - 4 November 1968	1971
19710010831	Oxidation of metals in an unsteady /transient/ region at high temperatures. 3 - Method of calculating the oxygen diffusion coefficient in a metal /titanium/	1971
19710010844	Content of alumina and titanium dioxide in stone meteorites	1971
19710010846	Europe and post-Apollo - Thoughts on the space hearing	1971
19710010852	Report on the texture of lunar samples 12018.43 and 12063.53	1971
19710010868	Flow of a viscous radiating gas around blunt bodies	1971
19710010869	Traveling disturbances in the ionospheric F region and the sporadic E region	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710010871	Elastic properties and water absorption of rocks according to sonic logging	1971
19710010933	Investigation of proton flux in the 1.5 - 50 MeV range on automatic interplanetary stations Zond-4 and Zond-5	1971
19710010934	Change in the degree of nonregularity of the interplanetary magnetic field with the cycle of solar activity	1971
19710010936	Antisymmetric diurnal and semidiurnal variations of cosmic rays	1971
19710010937	Measurements of the energy spectra of multi-charged nuclei on the satellite Kosmos-225	1971
19710010938	Partial elliptical differential equations	1971
19710010951	Artificial soils based on ion-exchange materials	1971
19710011006	Project - IMP-1	1971
19710011015	Charge distribution of heavy nuclei of cosmic rays in the region z greater than or equal to 26	1971
19710011018	Problems of space biology. Volume 11 - The toxicology of products of vital activity and their importance in the formation of artificial atmospheres of hermetically sealed chambers	1971
19710011036	Flammability of aerogels of aluminum magnesium alloys	1971
19710011052	International programs Fact sheet	1971
19710011056	Combustion of magnesium particles in rarefied air	1971
19710011063	Extra high resolution radiointerferometry	1971
19710011100	Stellar spectra in the laboratory	1971
19710011101	Principles of the mechanism of a scientific instrument for studying high energy cosmic rays on the space station Proton 4	1971
19710011244	Control systems for single-rotor helicopters	1971
19710011477	Rationale for integrated life support systems	1971
19710011478	Test objectives and program management	1971
19710011479	Facility support systems	1971
19710011480	Life support systems	1971
19710011481	Water management	1971
19710011482	Design and development of the vacuum distillation, vapor filtered, isotopic fueled water recovery system for the 90-day manned simulator test	1971
19710011483	Performance evaluation of the thermal conditioning unit	1971
19710011484	Performance of the CO2 concentrators	1971
19710011485	Operational characteristics of the integrated Sabatier/toxin burner unit	1971
19710011486	Performance of a solid-amine carbon dioxide concentrator during a 90-day manned test	1971
19710011487	Analysis of trace contaminants	1971
19710011488	Measurement of trace atmospheric constituents in the 90-day space station simulator	1971
19710011489	Results of the aerosol analysis experiment performed during a 90-day manned test of an advanced regenerative life support system	1971
19710011490	Water electrolysis systems	1971
19710011491	Operational characteristics of a two gas controller	1971
19710011492	Lockheed electrolysis system for the 90-day manned test	1971
19710011493	Evaluation of a Four-Gas Mass Spectrometer Used for Atmospheric Control During the 90-Day Test	1971
19710011494	Design and operation of a waste management system for fecal collection and sampling during the 90-day manned simulator test	1971
19710011495	Waste management subsystem	1971
19710011496	Food management program	1971
19710011497	Use of glycerol as a diet supplement during a 90-day manned test	1971
19710011498	Mass Balance Data	1971
19710011499	Thermal balance data	1971
19710011500	Electrical power distribution and usage	1971
19710011501	Maintenance and repair requirements	1971
19710011502	Development of crew selection guidelines for the 90-day manned test	1971
19710011503	Crew selection	1971
19710011504	Crew training	1971
19710011505	Behavioral program	1971
19710011506	Manned mission activity analysis	1971
19710011507	Habitability	1971
19710011508	Psychomotor performance during the 90-day manned test	1971
19710011509	Crew performance on simulated control tasks	1971
19710011510	Effects of long duration confinement on short-term memory	1971
19710011511	Non-Interference Performance Assessment /NIPA/	1971
19710011512	Psychological assessment of confined crews	1971
19710011513	Behavioral acoustics - The impact of space simulator noise on crew members	1971
19710011514	EEG monitoring/sleep studies	1971
19710011515	Medical program	1971
19710011516	Microbiology results - Dermal and environmental sampling	1971
19710011517	Nasopharyngeal studies	1971
19710011518	Chemiluminescent bacterial sensor	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710011519	Radiation safety report on the use of /Pu-238/O2 as a heat source	1971
19710011520	Body fluid and body composition measurements	1971
19710011521	Some biochemical determinations on serum from crewmen participating in a 90-day space station simulator test	1971
19710011522	Utilization of the V-V spirometer loop technique for respiratory monitoring	1971
19710011523	Blood carboxyhemoglobin saturation of personnel during 90-day test	1971
19710011524	Summary and conclusions	1971
19710012507	Theory of bifurcations of dynamic systems on a plane	1971
19710012552	History and trends of systems engineering	1971
19710012553	Systems Management and Common Sense	1971
19710012554	System engineering Army style	1971
19710012555	Barriers to rationality in systems management	1971
19710012556	Subtleties of Saturn system engineering	1971
19710012557	The revelation of Saturn-Apollo	1971
19710012558	Educational system management - Premises, problems, progress, and portent	1971
19710012559	System management applied to water resource development planning	1971
19710012560	Systems consideration in coastal zone management	1971
19710012561	Crowning of a queen	1971
19710012562	Can systems management really save medicine /ques/	1971
19710012563	Management information systems for retail inventory management	1971
19710012933	On the diffusions with discontinuous drift terms - Existence, uniqueness, stability and approximations	1971
19710012934	Approximations to and local properties of diffusions with discontinuous controls	1971
19710012935	Stability and existence of diffusions with discontinuous or rapidly growing drift terms	1971
19710012936	Proceedings of the Sixth Winter School on Space Physics, part 1	1971
19710012938	X-rays, gamma rays, electrons and neutrinos	1971
19710012939	Physics of the solar activity and dynamic processes in the interplanetary space and in the earth's magnetosphere	1971
19710012940	Proceedings of the Sixth Winter School on Space Physics, part 2	1971
19710013031	Variation in the phospholipid content of E coli cells during their change into spheroplasts	1971
19710013059	Initiation of solid explosives by impact	1971
19710013076	Satellite flyby opportunities for the multi outer planet missions	1971
19710013077	Applications of FORMAC in the mathematics of general relativity	1971
19710013078	A higher performance electric arc driven shock tube	1971
19710013079	Solid propellant burning rate modification	1971
19710013080	Low acceleration rate ignition for spacecraft	1971
19710013081	Cyanate ion and the uremic syndrome	1971
19710013082	Oil absorbing polymers	1971
19710013083	Fatigue of Teflon bladder bag materials	1971
19710013084	Liquid metal MHD power conversion	1971
19710013085	Design and development of a 66-W/kg 23-m square roll up solar array	1971
19710013086	Large spacecraft antennas - New geometric configuration design concepts	1971
19710013087	Antenna support structure aperture blockage loss	1971
19710013088	Interplex modulation	1971
19710013089	Calculation of space charge forces in the analysis of traveling wave tubes	1971
19710013090	A magnetic tape recorder for long operating life in space	1971
19710013091	Lunar traverse missions	1971
19710013726	Description of the DSN	1971
19710013727	Mission support	1971
19710013728	Advanced engineering	1971
19710013729	Development and implementation	1971
19710013730	Operations and facilities	1971
19710013788	Excitation of sodium in certain reactions behind shock waves	1971
19710013802	Accelerated supersonic motion of a plane at a finite angle of attack	1971
19710013828	Geography of the infrared emission layers in the upper atmosphere /according to Cosmos 65 data/	1971
19710013834	Social factors in controlling the development of scientific teams	1971
19710013836	Propagation of disturbances above the flow during the interaction of a hypersonic flow with a boundary layer	1971
19710013874	The mares' tails of the ancient mariners and the tropospheric jet streams	1971
19710013888	Low-velocity layers within the earth's crust of the Ukrainian shield	1971
19710013900	Water supply of cosmonauts	1971
19710013906	A cytochemical study of lactic dehydrogenase isoenzymes in some species of the protozoa	1971
19710013908	An investigation of the evaporation processes of a substance and plasma development when laser radiation strikes different materials	1971
19710013909	A study of two-layer gas flow in supersonic axisymmetric nozzles	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710013910	Hypotheses on luminous ether and on an experiment that appears to demonstrate that the motion of bodies changes the velocity with which light propagates in their interior	1971
19710013912	The effect of diuresis on the activity of lactic dehydrogenase and leucine amino peptidase	1971
19710013927	High temperature plasticity failure of titanium	1971
19710013966	Elastic properties of metamorphic rocks in the Krivoy Rog Basin	1971
19710014028	User Needs	1971
19710014039	Energy storage capabilities of superconductors in view of high power discharge	1971
19710014226	The effects of flow containing dust on the results of hypersonic wind tunnel experiments	1971
19710014232	Relaxation and nonequilibrium radiation behind shock waves in air	1971
19710014252	Lactic dehydrogenase of urine in renal disease. 1 - Lactic dehydrogenase /LDH/ in glomerulonephritis and nephrotic syndrome	1971
19710014273	Chediak-Higashi disease - Simultaneous presence of two genetic entities	1971
19710014315	Studies of the time dependence of the vapor luminescence process for a combined method of excitation	1971
19710014320	Laminar Boundary Layer on a Wing and a Body of Revolution in the Presence of Blowing	1971
19710014337	Gas flame spraying of ZrO ₂ and Al ₂ O ₃ coatings with aluminum phosphate additions	1971
19710014338	Processes of formation of coatings deposited by the method of gas flame spraying	1971
19710014353	Sound level measurements percent band and octave band analysis of the noise and vibration in industrial installations	1971
19710014418	Solar corpuscular streams and the general atmospheric circulation of the earth	1971
19710014490	Low frequency oscillations in the hot cathode penning discharge plasma	1971
19710014491	ESRO has begun the initial studies for a European system of air traffic control via satellite	1971
19710014502	On the difference in the temperature requirements of thermophilic bacteria in the soil and in artificial nutrient media	1971
19710014543	Analysis of circadian rhythm in body temperature by the Cosinor method	1971
19710014544	Antibacterial behavior of leukocytes in normal subjects for Chediak-Higashi disease and Pelger-Huet's anomaly	1971
19710014577	Prevaporization of liquid fuel in a small ramjet engine	1971
19710014582	The sensitivity of emission spectral analysis using a laser	1971
19710014583	The nature of electric field effect on heat exchange in fluid dielectrics	1971
19710014595	A summary of the SAS-D concept for astronomical ultraviolet spectroscopy	1971
19710014603	Raman effect and the problem of the structure of the cyanate residue /contribution 30/ on the nature of the pseudohalogens	1971
19710014606	Colombo in New York today for discussions with U Thant	1971
19710014637	Tenth anniversary of US manned space flight - News release	1971
19710014640	The deformation of a roadway, elastically bedded without limit on both sides, by loads with constant horizontal velocity	1971
19710014683	A study of the interaction of a supersonic jet and an acoustic field	1971
19710014686	Conditions of formation of a water film on the highway and its expulsion owing to action of a tire	1971
19710014722	Thermodynamic study of the reaction of tungsten wires with oxygen and carbon dioxides at 1500-3500K	1971
19710014765	Investigation of a system of annular heat conducting emitting ribs	1971
19710014768	Intensity of gas production in comets	1971
19710014769	Scientific results from flights of the unmanned ionospheric laboratories 'Yantar', part 3	1971
19710014812	Evaluation of the intensity of deionization processes in meteor tracks	1971
19710014813	Some problems of the physical theory of meteors	1971
19710014814	Rates of meteor echoes at lambda equals 10 m during the IGY-IGC	1971
19710014834	Results of observations of the polarization effect for sporadic meteors	1971
19710015108	Investigations into the growth of Bacillus coli by direct microscopic observation. The periodicity of bacteriophage activity studied on the basis of the observations made in the course of these experiments	1971
19710015109	Structure of supersonic stream of argon helium mixture in a vacuum	1971
19710015122	The speed of sound in two-phase vapor-liquid systems	1971
19710015132	Turbulent wake in a stratified medium	1971
19710015133	Balance of rare earth elements in gabbro rocks of the Kviransk intrusion	1971
19710015143	Propagation characteristics of weak perturbances in two phase media with phase transitions	1971
19710015165	Lasers and thermonuclear reactions	1971
19710015261	On the variations of leucocytosis	1971
19710015289	Gamma ray production from the decay of secondary particles produced in cosmic-ray interactions	1971
19710015290	Gamma-ray production from cosmic electron- positron annihilation	1971
19710015291	Gamma-ray production from cosmic proton- antiproton interactions	1971
19710015292	Gamma-ray absorption mechanisms	1971
19710015293	The form of the cosmic gamma-ray production spectrum from galactic cosmic-ray interactions for gamma-ray energies less than 1 GeV	1971
19710015294	The form of the cosmic gamma-ray production spectrum from galactic cosmic-ray interactions for gamma-ray energies greater than 1 GeV - The effect of the decay of nucleon isobars and hyperons on the cosmic gamma ray spectrum	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710015295	Equilibrium spectra of secondary cosmic-ray positrons in the galaxy and the spectrum of cosmic gamma rays resulting from their annihilation	1971
19710015296	The production of gamma rays in the galaxy	1971
19710015297	Introduction to relativistic cosmology	1971
19710015298	The cosmic gamma-ray spectrum from secondary particle production outside the galaxy	1971
19710015299	Cosmic gamma rays from extragalactic proton- antiproton annihilations	1971
19710015300	Extragalactic gamma rays from Compton interactions and bremsstrahlung	1971
19710015301	Gamma-ray absorption processes at high red shifts	1971
19710015302	Possible interpretation of isotropic gamma-ray observations	1971
19710015303	Gamma ray telescopes, appendix	1971
19710015336	The Meteosat system	1971
19710015339	Heat conductivity of aqueous solutions of electrolytes	1971
19710015345	The influence of the crystal chemistry factor on the separation of rare earth elements in crystallization differentiation of silicates	1971
19710015408	Incomplete data analysis	1971
19710015457	Deformation of drops in the reactive zone during heterogenous detonation	1971
19710015548	Aviation and astronautics in the USSR	1971
19710015743	Looking into the future	1971
19710015921	Recirculation characteristics of a small-scale VTOL lift engine pod	1971
19710016240	Observations of the cupula in the ampullae of the semicircular canals of the labyrinth of a living pike	1971
19710016242	Simplified thermodynamic treatment of equilibrium and nonequilibrium conditions in physical chemistry	1971
19710016251	On understanding histidine - Peptide formation via acyl migration	1971
19710016252	Note on the synthesis of d,1-histidylglycine	1971
19710016280	Nonlinear heat conduction problem at boundary conditions of the fourth kind	1971
19710016326	The infinite, elastically supported beam under the influence of a uniformly moving load	1971
19710016328	On the theory of physical interaction and stability	1971
19710016346	Short term creep of metals and alloys under conditions of aerodynamic heating	1971
19710016522	Variable Aerodynamic Forces in a Turbine Stage Induced by a Vane Cascade in the Wake of a Preceding Cascade	1971
19710016824	Power spectra of the magnetospheric electric field	1971
19710017024	Consistency in the high temperature equation of state of solids	1971
19710017533	Institutional factors in civil aviation - Joint DOT-NASA civil aviation research and development policy study Final report, Jul. - Nov. 1970	1971
19710017534	A historical study of the benefits derived from the application of technical advance to civil aviation. Volume 1 - Summary report and appendix A /Detailed case studies/ - Joint DOT-NASA civil aviation research and development policy study	1971
19710017535	A historical study of the benefits derived from application of technical advances to civil aviation. Volume 2 - Appendices B thru I	1971
19710018540	The dependence of the velocity of propagation of ultrasound on rock porosity	1971
19710018582	Model of the atmosphere of Venus	1971
19710018593	Process for production of X-ray intensifying films	1971
19710018658	An easy method to solve numerically the equations occurring in the theory of the secular perturbations	1971
19710018683	Reforming of gaseous hydrocarbons into town gas	1971
19710018716	The warm jacket of the moon	1971
19710018734	Evaluation in the resonance range of nuclei with the mass number above 220	1971
19710018744	The possible thermal effect of tectonic deformation of rocks	1971
19710018745	Approximate integration of a boundary value problem for a nonlinear system of differential equations with a delayed argument	1971
19710018746	Noise reduction in a turbulent jet by the method of repeated air injection	1971
19710018747	Measuring duration time by surface tests	1971
19710018804	The nature of the anisotropy of the elastic properties of monomineral rocks	1971
19710019034	Experience from Mariner TV experiments	1971
19710019035	Some factors affecting the accuracy of a space-borne astronomical television photometer	1971
19710019036	Development of the SEC vidicon for astronomy Progress report	1971
19710019037	SEC vidicons as detectors in digitized photometric image-forming systems for astronomical observations from the ground and satellites	1971
19710019038	An image photon counting system for optical astronomy	1971
19710019039	Single photoelectron recording by an image intensifier TV camera system	1971
19710019040	An application of the silicon vidicon to astronomical photometry	1971
19710019041	Microchannel intensifier vidicon for far-UV imaging	1971
19710019042	The response of phosphor output image intensifiers to single photon inputs	1971
19710019043	An electrical readout tube for astronomical spectroscopy	1971
19710019044	Video data processing for the Telescope experiment	1971
19710019045	Digital image processing for the rectification of television camera distortions	1971
19710019046	Image restoration techniques applied to astronomical photography	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710019047	Real time computer processing of video images	1971
19710019048	Image processing of stratoscope photographs	1971
19710019049	The processing of electronic camera images	1971
19710019051	Future manned space-flight implications derived from Gemini	1971
19710019052	Physiological and psychological problems in space flight	1971
19710019053	Biotechnology in spacecraft design	1971
19710019054	Man as an experimenter and operator in space	1971
19710019055	Biological and engineering implications of space-cabin atmospheres	1971
19710019056	Atmospheric-control systems for extended- duration manned space flight	1971
19710019057	Man's tolerance to trace contaminants	1971
19710019058	Space-cabin contaminants - Sources and control	1971
19710019059	Nutrition and food requirements for space voyage	1971
19710019060	Water management for extended-duration manned space missions	1971
19710019061	Man, his environment, and microbiological problems of long-term space flight	1971
19710019062	Life support systems integration	1971
19710019063	Space mission modeling and simulation techniques	1971
19710019064	Government, industry, and university cooperation for advanced research and technology	1971
19710019065	Physiological hazards of extended space flights	1971
19710019066	The 1000-day mission - Null gravity and man	1971
19710019067	Man's role in mission reliability	1971
19710019068	Capsule society - New problems for man in space on long-duration missions	1971
19710019069	The visual realm in space flight	1971
19710019070	Operational considerations for extravehicular activity as applied to future space missions	1971
19710019071	Man in the operational aspects of space missions	1971
19710019351	Use of the gravitational field of Venus to control the flight trajectory of a solar probe	1971
19710019356	Study of the short term creep of the OT-4 alloy in high speed air flows under aerodynamic vibrations	1971
19710019380	Ultrasonic pulse investigations in the Krivoy Rog iron ore mines	1971
19710019381	The rule of radiation absorption in front of a shock wave during hypersonic flow around a blunt body	1971
19710019391	Change in the elastic parameters and strength of rocks under pressure	1971
19710019412	The use of superconductors for storage and discharge of electrical energy	1971
19710019414	A methodology for determining the elastic constants of in-situ rocks	1971
19710019437	Institute for Nuclear Energy, University of Stuttgart Annual report, 1970	1971
19710019438	Acoustical emission in nondestructive inspection	1971
19710019463	Optimization of the cell dimensional parameters of an incore thermionic fuel element	1971
19710019464	Results of studies of thermionic reactor systems	1971
19710019467	On the nature of certain background radiation	1971
19710019468	A model of the solar wind plasma-interstellar medium interaction	1971
19710019469	Some coronal plasma turbulence spectra and the structure of a radar signal, no. 1	1971
19710019473	Several problems of designing space vehicles with three axis attitude control	1971
19710019474	Determination of several geometric, dynamic and gravitational parameters of a planet by means of photographs from spacecraft, ground tracking and astronomical observations	1971
19710019485	The dissociation of certain oxides and peroxides. 3 - Dissociation of lithium and potassium peroxide	1971
19710019486	Studies on sugar production by formaldehyde condensation. Part 1 - Condensation in the presence of calcium hydroxide	1971
19710019494	Stereoisomerism in animate nature and its role in processes of the origin of life on earth	1971
19710019497	On the connection between the electrical and elastic properties of sedimentary rocks of southern Emba and Mangyshlak	1971
19710019498	Ultrasonic investigation of the velocity of elastic waves in porous sedimentary rocks	1971
19710019500	A simple algorithm for rotating the plane of an orbit in the central and noncentral gravitational field of the earth	1971
19710019526	Photron theory of light and matter	1971
19710019549	Analytic system for optical tracking devices	1971
19710019550	Investigation of ordinary waves in a Chew, Goldberger, and Low approximation	1971
19710019551	Radiation in the universe and cosmic electrons	1971
19710019563	Report of work on the ITR project of the Institute for Nuclear Energetics of the University, Stuttgart	1971
19710019611	The present state of the question of turbulent electroconductivity in plasma and certain questions related to the dynamics of the magnetosphere, 1	1971
19710019614	The low altitude radiation environment	1971
19710019615	Time history of the inner radiation zone, October 1963 - December 1968	1971
19710019616	Long-term behavior of energetic inner belt protons	1971
19710019617	The particle environment at the synchronous altitude	1971
19710019643	Temperature dependence of the total cross section structure of uranium-238 in the unresolved resonance region	1971
19710019701	Transmission of charged particles by a composite-type analyzer	1971
19710019724	Study of histopathology and evolution of chronic occupational X-ray dermatitis of the fingers	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710019749	Atomic absorption spectra in a vapor cloud formed by laser irradiation	1971
19710019750	Reaction of monomolecular silica in solution with Al/3 plus/ and Mg/2 plus/	1971
19710019762	Report on the research on the ITR project	1971
19710019766	Yantar - A flying accelerator	1971
19710019767	Ionization instability in ionospheric plasma	1971
19710019775	Calculation of temperature distribution in an incore thermionic reactor	1971
19710019776	Preliminary data on lunar regolith returned by Luna-16 automatic probe	1971
19710019779	Progress of balloon heliophysics in the Soviet Union	1971
19710019796	Infrared radiation vaporization of a water drop	1971
19710019930	Introduction to liquid propellant rocket engines	1971
19710019931	Rocket engine design implements	1971
19710019932	Introduction to sample calculations	1971
19710019933	Design of thrust chambers and other combustion devices	1971
19710019934	Design of pressurized-gas propellant-feed systems	1971
19710019935	Design of turbopump propellant-feed systems	1971
19710019936	Design of controls and valves	1971
19710019937	Design of propellant tanks	1971
19710019938	Design of interconnecting components and mounts	1971
19710019939	Engine systems design integration	1971
19710019940	Design of liquid propellant space engines	1971
19710020113	Hydrogen/oxygen ACPS engines	1971
19710020114	Hydrogen/oxygen ACPS engines	1971
19710020115	High pressure reverse flow ACPS engine	1971
19710020116	Space shuttle ACPS shutoff valve	1971
19710020117	Space shuttle ACPS shutoff valve	1971
19710020118	Ignition devices for ACPS	1971
19710020119	Spark and auto ignition devices for ACPS	1971
19710020120	Catalytic ignition/thruster investigation	1971
19710020121	Auxiliary propulsion subsystem investigations	1971
19710020122	Injector performance, heat flux and film cooling in O ₂ /H ₂ engines	1971
19710020123	Auxiliary propulsion system definition study	1971
19710020124	Auxiliary propulsion systems definition study	1971
19710020125	Acoustic cavity use for control of combustion instability	1971
19710020126	Noncircular injector orifices and advanced fabrication techniques	1971
19710020134	Shuttle cryogen technology	1971
19710020135	Orbital cryogenic acquisition and transfer	1971
19710020136	Zero gravity incipient boiling heat transfer	1971
19710020137	Zero gravity propellant transfer	1971
19710020138	Recent developments in high performance insulation purge systems for shuttle application	1971
19710020139	Effect of environment on insulation materials	1971
19710020140	PPO foam internal insulation	1971
19710020141	Internal insulation systems for LH ₂ tanks. Gas layer and reinforced foam	1971
19710020142	Shuttle cryogen technology program	1971
19710020196	Historical developments of barium release experiments Introduction	1971
19710020197	Vehicles and trajectories	1971
19710020198	Payload description	1971
19710020199	MPI observational equipment	1971
19710020200	MPI analysis of observations	1971
19710020201	Spectrophotometer measurements	1971
19710020202	Photometry of barium ion clouds	1971
19710020203	NASA optical instrumentation	1971
19710020204	Triangulation	1971
19710020205	NASA analysis of second barium release from Javelin	1971
19710020234	Longitudinal stability characteristics of preliminary configurations for Scout D at Mach numbers 0.20 to 4.63	1971
19710020302	Thermal sensing of the atmosphere from satellites	1971
19710020338	Variational and boundary value problems	1971
19710020339	Penetration depth of a one-row round jet system developing in a limited cross wind	1971
19710020340	Quantum mechanics as a theory of relativistic Brownian motion	1971
19710020343	Future prospects for the use of television microscopy to detect extraterrestrial life	1971
19710020367	New data on the figure and relief of the moon from the processing of Zond-6 photography	1971
19710020600	Auroras - Collection of articles no. 17	1971
19710020601	A comprehensive investigation of the polar ionosphere	1971
19710020602	The polar auroral band during magnetic disturbances	1971
19710020603	U-like polar auroral shapes	1971
19710020604	The effect of magnetic activity upon auroral heights	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710020605	Auroral pulsations	1971
19710020606	Polar aurora at the minimum or maximum cycle of solar activity	1971
19710020607	The ratio of 1 NGO2/plus/ and 1 PGNZ emissions as a function of auroral height	1971
19710020608	Ionospheric processes associated with auroral height variations	1971
19710020609	The effect of quasi-rhythmicity in geomagnetic and aeronomic phenomena	1971
19710020610	The energy balance of a magnetic storm	1971
19710020611	Quiet solar day variations of the geomagnetic field during the IGY. 4 - Variations at high latitudes	1971
19710020612	Geomagnetic disturbances at high latitudes, June 1965	1971
19710020613	Dynamics of magneto-ionospheric disturbances in the polar auroral zone	1971
19710020614	Latitudinal variability of ionospheric parameters	1971
19710020615	High altitude velocity distribution of ionospheric drift and strength of the electric field in the F2 layer	1971
19710020616	Problems of auroral absorption	1971
19710020617	Magnetic activity at high latitudes of the Northern Hemisphere during the maximum and minimum of the solar cycle	1971
19710020655	Numerical integration of the Lawden intermediate thrust arcs and study of their optimality /in a Newtonian central force field/	1971
19710020660	An experimental determination of the magnitude of accelerated molecular diffusion in turbulent mixing of supersonic wake flows	1971
19710020661	Nonstationary rarefaction flows having symmetry	1971
19710020664	The dynamics of the electroencephalogram during sleep in man under normal and daily regimes	1971
19710020704	The equation of the energy balance for turbulent pulsations in the theory of a free turbulent boundary layer	1971
19710020706	The time course of combustion of hydrogen in supersonic air flow	1971
19710020718	Magnetic hydrodynamics of plane flows in a plasma with anisotropic pressure	1971
19710020736	Production of aminoacetonitrile metal chains and their catalytic effects	1971
19710020763	Application of capacitor microphones and magnetic pickups to the tuning and trouble shooting of microelectronic ultrasonic bonding equipment	1971
19710020768	The problem of composites in capacitor technology	1971
19710020771	Velocity of longitudinal waves and elastic modulus of dry and saturated sedimentary rocks	1971
19710020787	Survey of the experimental capabilities of the ONERA hydrodynamic tunnel, which offers flow visualization	1971
19710020804	Investigations on a bipropellant hot gas rocket engine for orbit and attitude control	1971
19710020805	The kinetic theory of Compton scattering by relativistic electrons	1971
19710020812	Natural convection heat transfer in boiling of metals	1971
19710020819	Determination of heavy nuclei charges	1971
19710020844	Far infrared absorption spectrum of liquid water	1971
19710020864	On the relationship between the energy-impulse vector and the canonical impulse in relativistic mechanics	1971
19710020874	Basic study of the afterburner	1971
19710020884	Dynamics of the radiation belts of the earth	1971
19710020892	Can a manager teach an automated information system /ques/	1971
19710021012	The calculation of the pressure distribution on a cascade of thick airfoils by means of Fredholm integral equations of the second kind	1971
19710021033	Polymerization reactions of alpha- aminopropionitrile and the characteristics of their products	1971
19710021034	Polymerization of aminoacetonitrile	1971
19710021180	Determination of the aerodynamic characteristics of an elastic swept wing in subsonic flow	1971
19710021195	Thermophilic bacteria	1971
19710021270	Morphological maturity of small lunar craters as a function of their age and dimensions	1971
19710021273	Transonic flow of gas in axially symmetric Laval nozzles with steep walls	1971
19710021274	Similarity of supersonic separated flows	1971
19710021305	Preliminary Study of Effect of Vibration on Aircraft Ride Quality	1971
19710021325	Investigation of a three dimensional separated flow around semicones placed on a plane plate	1971
19710021327	The articulatory frequency spectrum as an indicator of the degree and nature of emotional stress in man	1971
19710021337	Effects of Nose Bluntness on the Static Aerodynamic Characteristics of a Cruciform- Wing Missile at Mach Numbers 1.50 to 2.86	1971
19710021366	Report of research on ITR project of the Institute for Nuclear Energy, University of Stuttgart	1971
19710021370	Background radiation	1971
19710021372	Studies and tests of a plane which absorbs strong wind gusts	1971
19710021373	The Earth's ionosphere - Space design criteria /environment/	1971
19710021374	Plasma waves and superconductivity in quantizing semiconductor /semimetal/ films and layered structures	1971
19710021376	Lifting surface theory for an airplane wing with a jet flap	1971
19710021378	The sampling theorem for the image obtained by a circular aperture and its applications to numerical calculation of amplitude, intensity and their Fourier transforms with analytical expression of response functions	1971
19710021381	Potential possibilities of compression of information in certain systems of data processing	1971
19710021407	Impact of spherical shells against the surface of a liquid	1971
19710021428	Transformation of intensity matrix in optics by a pupil	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710021432	Space Flight Handbooks. Volume 3 - Planetary Flight Handbook. Part 7 - Direct Trajectories to Jupiter, Saturn, Uranus, and Neptune. Supplement a - Tabular Trajectory for Direct Trajectories to Jupiter and Saturn	1971
19710021433	Space flight handbooks. Volume 3 - Planetary flight handbook. Part 7 - Direct trajectories to Jupiter, Saturn, Uranus, and Neptune. Supplement B - Tabular trajectory data for direct trajectories to Uranus and Neptune	1971
19710021466	Fundamentals of radiation in absorbing, emitting, and scattering media	1971
19710021467	The equations of transfer for an absorbing-emitting gas the equations of transfer for an absorbing-emitting gas	1971
19710021468	Approximate solutions of the equation of transfer	1971
19710021469	An introduction to the microscopic basis for radiation in gases and gas properties	1971
19710021470	The engineering treatment of gas radiation in enclosures	1971
19710021471	The Monte Carlo technique	1971
19710021472	Energy transfer by radiation combined with conduction and/or convection	1971
19710021473	Radiative transfer in scattering and absorbing media	1971
19710021474	Some specialized effects in absorbing-radiating media	1971
19710021493	Gegenschein-Moulton Region Photography from Lunar Orbit	1971
19710021596	Ionization relaxation behind shock waves in nitrogen at velocities of 17-25 kilometers per second	1971
19710021614	Polarization radiation measurements of the underlying surface in the centimeter range	1971
19710021618	The Hall effect in polycrystalline semiconductor test specimens	1971
19710021619	Magnetic measurements in experiments with models	1971
19710021631	A comparison between planar and nonplanar free-flight data	1971
19710021632	Aerodynamics of vehicles in tubes	1971
19710021633	Aerobraking of high-speed ground transportation vehicles	1971
19710021634	Nitric oxide emission studies of internal combustion engines	1971
19710021635	An all-carbon radiating nozzle for long burning solid propellant motors	1971
19710021636	Mariner Mars 1971 orbiter propulsion subsystem type approval test program	1971
19710021637	Prediction of lipid uptake by prosthetic heart valve poppets from solubility parameters	1971
19710021638	Resequencing of the structural stiffness matrix to improve computational efficiency	1971
19710021639	On the statistical distribution of spacecraft maximum structural response	1971
19710021640	Use of pulsar signals as clocks	1971
19710021641	Characteristics of a cigar antenna	1971
19710021642	Improvements in deep space tracking by use of third order loops	1971
19710021643	Non-orthogonal redundant configurations of single axis strapped down gyros	1971
19710021644	Analytically determined response of a 300-microns silicon detector to a polyenergetic beam of neutrons	1971
19710021645	Remote examination of rock specimens	1971
19710021671	Techniques of space geography, ways of developing them and their uses in studying the earth's natural resources	1971
19710021766	A Method for Estimating Some Longitudinal and Lateral Rigid-Body Responses of Airplanes to Continuous Atmospheric Turbulence	1971
19710021835	Mean quadratic angles of inclination of the surfaces of Venus	1971
19710021836	Model studies on the formation of organic compounds in simple atmospheric gases by electrical discharges	1971
19710021839	Orbital parameters and localization of METEOSAT	1971
19710021852	METEOSAT - PCM frame transmission format definition	1971
19710021855	Preliminary data on lunar soil supplied by automatic station Luna-16	1971
19710021928	Composition of trace mineral inclusions in cassiterite from data from point X-ray spectral analysis	1971
19710021976	Mathematical analysis of the intensity distribution of optical images for various degrees of coherence of illumination /Representation of intensity by Hermitian matrices	1971
19710021979	Requirements of engine dynamics implied by the thrust modulation control for VTOL aircraft	1971
19710021991	Rocket aerodynamics	1971
19710022000	ITR project Progress report	1971
19710022008	Some results of research on high velocity impacts	1971
19710022016	Problem solution by the large particle method	1971
19710022694	An a priori estimate of the quality of a data compression system according to the statistical characteristics of the utilized sensors	1971
19710022709	Progress in aerodynamics and aircraft design in the Ukraine in 1920 - 1930	1971
19710022736	The possibility of using microwave ionization to obtain nonequilibrium plasma in MHD generators	1971
19710022737	Temperature relaxation of a highly rarified gas	1971
19710022754	A spectrometer for measuring the characteristics of ions in the plasma of the solar wind and the magnetosphere	1971
19710022756	Using the method of separation and identification of amino acids to detect extraterrestrial life	1971
19710022757	Echo effect in relativistic plasma	1971
19710022758	Short-term creep of nickel in a high-speed air flow	1971
19710022870	Statistical analysis of data obtained from long-range spacecraft	1971
19710022872	Large planets	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710022912	Mysterious lunar samples	1971
19710022913	Quasi-hydrodynamic approach to the problem of supersonic plasma flow near a magnetic dipole	1971
19710022976	Aeroelastic stability of plane sandwich-type structures placed in a current of supersonic gas	1971
19710022979	Measurement of performances - Flight testing methods applied to the Concorde	1971
19710023050	On the nature of Sco XR-1 type X-ray radiation sources	1971
19710023077	Mathematical bases of oblique and vertical cosmographic perspectives	1971
19710023078	Thermally induced elastic stresses and their effect on crack formation and propagation	1971
19710023223	The control system of the Tu-154	1971
19710023243	Flight dynamics in moving air	1971
19710023299	Space and international law	1971
19710023418	Guidelines - Air quality surveillance networks	1971
19710023447	Glass coating of electron-bombardment ion-thruster grids by electrodeposition	1971
19710023576	Introduction	1971
19710023577	Development program planning for shuttle avionics	1971
19710023578	Reliability planning and management	1971
19710023579	A realistic approach to a cost effective design and test program for future spacecraft equipment	1971
19710023580	Shuttle ascent guidance and control requirements	1971
19710023581	Key issues for space shuttle ascent guidance	1971
19710023582	Entry navigation analysis	1971
19710023583	Guidance and control considerations for an unpowered orbiter from entry to touchdown	1971
19710023584	A preliminary evaluation of navigation and guidance concepts for the space shuttle orbiter from the end of reentry to touchdown	1971
19710023585	Navigation for space shuttle approach and landing using an inertial navigation system augmented by various data sources	1971
19710023586	Multiple Inertial Measuring Units /IMU/ for use in the Space Shuttle Vehicle /SSV/	1971
19710023587	Assessment of fly by wire technology for space shuttle	1971
19710023588	A survey of shuttle control problems	1971
19710023589	Design principles for a space shuttle digital autopilot	1971
19710023590	NASA Flight Research Center fly by wire flight test program	1971
19710023664	Mathematical model for two-dimensional multicomponent airfoils in viscous flow	1971
19710023688	Description of the DSN	1971
19710023689	Mission support	1971
19710023690	Advanced engineering	1971
19710023691	Development and implementation	1971
19710023692	Operations and facilities	1971
19710023776	Spaceflight deconditioning - An overview of manned spaceflight results	1971
19710023777	Hematologic implications of hypodynamic states	1971
19710023778	Bone density changes in the astronauts during spaceflight	1971
19710023779	Metabolic studies of the Gemini 7 14-day orbital spaceflight	1971
19710023780	Assessment of bone mass in relation to inactivity	1971
19710023781	Some physical methods of skeletal evaluation	1971
19710023782	Bone at the cellular level - The effects of inactivity	1971
19710023783	Estimation of total skeletal mass in man by radioisotope dilution	1971
19710023784	Disuse atrophy in Macaca Mulatta and its implications for extended space flight	1971
19710023785	Nondestructive measurement of some physical properties of bone	1971
19710023786	Effects of bed rest on the oxygen transport system	1971
19710023787	Hemodynamic and body fluid alterations induced by bedrest	1971
19710023788	Effects of bed rest on forearm vascular responses to tyramine and norepinephrine	1971
19710023789	The effect of total body exercise on the metabolic, hematologic, and cardiovascular consequences of prolonged bed rest	1971
19710023790	The effects of long-term bed rest on mineral metabolism	1971
19710023791	Changes in bone mineral content of the os calcis induced by prolonged bed rest	1971
19710023792	The relationship between the diurnal and meal- driven rhythms of kidney functions in subjects at rest	1971
19710023793	Effects of two weeks of bed rest on carbohydrate metabolism	1971
19710023794	The effect of bed rest on glucose regulation in man - Studies in progress	1971
19710023795	Hematologic aspects of bed rest	1971
19710023796	Immersion techniques and the evaluation of spaceflight deconditioning countermeasures	1971
19710023797	Body fluid regulation during immersion	1971
19710023798	Deconditioning and its prevention by simulating the hydrostatic gradient	1971
19710023799	Research directions - Discussion	1971
19710023930	Analysis of some comet origin hypotheses on the basis of the results of a numerical analysis of hypothetical comets	1971
19710024018	Simulation of the ground effect in the hydrodynamic tunnel	1971
19710024065	Advances in emission spectroscopic analysis using the laser beam as the excitation source	1971
19710024112	Terrestrial organisms survive in simulated Jupiter atmosphere	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710024114	Application of cosmographic perspectives in the interpretation of photographs taken in space	1971
19710024132	Age of Rb 87/Sr 87 and contents of K, Rb, Sr, Ba and rare earths in the lunar soil from Mare Fecunditatis brought back by the Soviet Luna 16 mission	1971
19710024135	Analysis of the relations between acoustic and aerodynamic parameters for a series of dimensionally similar centrifugal fan rotors	1971
19710024144	Solvent-stress-cracking and fatigue properties of liquid-propellant expulsion teflon bladders	1971
19710024148	A system of high-contrast diffraction fringes	1971
19710024149	On the way towards the hypersonic transport	1971
19710024153	Summary of research on the nuclear light bulb reactor	1971
19710024221	Liquid/solid on evaporative fluid metastable Leidenfrost states	1971
19710024222	A study of user behavior in problem solving with an interactive computer	1971
19710024224	Gas adsorption in an electrical field	1971
19710024327	Theoretical and experimental testing on jet flap wings. Part 1 - Testing of a rectangular wing at various aspect ratios	1971
19710024539	Report of the Committee for Air Transport on plan 6	1971
19710024602	Climatic conditions of work in pressurized suits	1971
19710024610	Water cluster formation rates of NO+ in He, Ar, N2 and O2 at 296 K	1971
19710024699	Arcs and curves in digital pictures	1971
19710024730	Improved electronic arrangement for beryllium monitors	1971
19710024744	High-voltage multichannel pulse generator	1971
19710024778	Investigations of blowing in a water tunnel by flow visualization	1971
19710024787	Hot wire measurements in supersonic flow for investigating a boundary layer with injection	1971
19710024902	Infrared photographs of the Earth from satellites and possibilities of their application	1971
19710024904	Integrator of nanosecond signals with control	1971
19710024914	JAERI nuclear instrument module system 7	1971
19710024915	JAERI nuclear instrument module system 6	1971
19710024966	Lasers and controlled thermonuclear fusion	1971
19710024977	Techniques developed in the laboratories of the Metallurgical Research Department	1971
19710024978	Techniques developed in the laboratories of the Metallurgical Research Department, volume 1	1971
19710024982	Investigation of the resistance behaviour of superconducting alloy of Nb plus 80 percent Zr in the region of H sub c2	1971
19710024983	Study of impurities distribution in a metal (plutonium): Realization and study of reference samples to be used in analytical chemistry	1971
19710024984	Recent developments in the electrodeposition of metals in fused salt media	1971
19710024986	Amorphisation of Pd-Si alloy by irradiation with fission products	1971
19710025006	Collaborative programme on the creep fatigue behaviour of 1 percent Cr-Mo-V	1971
19710025022	Advantages of a Teflon-carbon mixture in the construction of cavity ionization chambers measuring the absorbed dose in air	1971
19710025055	Non-partial wave treatment of reactive and nonreactive scattering: Coupled integral equations formalism	1971
19710025126	Calculation of graphite corrosion rate. 2 Users guide to a modified form of the RICHTER 2 program in slab and spherical geometries	1971
19710025128	Review of Danish irradiation experiments in the Halden boiling water reactor	1971
19710025130	EL-600: Neutronic study of core control systems	1971
19710025133	Evaluation of problems relative to a flowsheet for the reprocessing of future power reactor fuel	1971
19710025134	Study of the ring test for determination of transverse ductility of fuel element canning	1971
19710025135	SHOVAV: Program to solve the few-group space-time dependent diffusion equation with temperature feedback	1971
19710025179	Some aspects of the main rectifiers for the ISR magnets	1971
19710025184	Interaction of light and sound	1971
19710025192	Field measuring system of drift tube quadrupole magnets	1971
19710025196	Dissociative excitation of vacuum ultraviolet emission features by electron impact on molecular gases. 1: H2 and O2	1971
19710025200	On new possibilities of quick recording of particle tracks in condensed media	1971
19710025201	Universal pulse shaper FEU	1971
19710025202	Application of semiconductor detectors for x-ray fluorescent analysis	1971
19710025212	Three dimensional relativistic equation in application to the particular problems of the three-body theory	1971
19710025213	Measurement of the light yield of the CsI(T1) crystal bombarded with the protons, deuterons, and tritons in the energy region 15 - 100 MeV	1971
19710025215	Phase shift analysis of pp scattering at 1 GeV	1971
19710025217	Emission of deuterons in interactions of 9 GeV protons with lead nuclei	1971
19710025220	Inelastic electron-photon scattering	1971
19710025221	W production in nucleon-nucleon collisions	1971
19710025222	Tables of intensity of transition radiation for non-relativistic particles	1971
19710025223	Lower bounds for scattering parameters	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710025225	Differential cross section and vector polarization for the elastic scattering of 41 to 51 MeV deuterons on carbon	1971
19710025226	Possibility of obtaining asymptotically decreasing Efimov amplitudes	1971
19710025227	Model for vector-vector-tensor meson coupling constants	1971
19710025229	Modified scalar field equation and closed world with field sources	1971
19710025233	The interdigital structure: Theoretical interpretation test and principal controls for practical operation	1971
19710025235	Equivalent sample method for analyzing oscillation experiments on fissionable samples in a thermal neutron reactor	1971
19710025238	New tungsten isotopes	1971
19710025240	PENA-detector flux measuring system with a fast response	1971
19710025241	On possibilities of studying the structure of highly excited states (resonances) by neutron spectroscopy methods	1971
19710025242	Particle interference in the processes involving excited nuclei	1971
19710025243	Possible measurement of the velocity of propagation of gravitational interaction	1971
19710025244	Retarded part of the two time Green function and two body relativistic problem	1971
19710025249	Construction of non-local quantum electrodynamics	1971
19710025250	Quantum field theory with non-euclidean of the bound system	1971
19710025252	Coherent frequencies of transverse oscillations in the electron model of a ring cyclotron	1971
19710025258	Observation of the d star effect in the antiproton deuteron yields proton antiproton on pion(plus) pion(minus) neutron reaction at 5.55 GeV/c	1971
19710025303	On the asymmetric deformation of fissioning nuclei	1971
19710025334	Trace determination of cadmium by neutron activation. Application to air-borne particulates, hair and foodstuffs	1971
19710025351	MOSSPEC: A programme for resolving Moessbauer spectra	1971
19710025356	Strategy for speeding up two-dimensional SN-methods with the help of the coarse lattice technique	1971
19710025357	On the accuracy of the photon-difference method used in high energy photonuclear experiments	1971
19710025405	Ion acoustic waves in a multi-ion plasma	1971
19710025407	Dynamic stabilization of the drift-dissipative instability using an inhomogeneous HF field	1971
19710025408	Effects of leakage currents to ground in an MHD generator with uniform gas	1971
19710025409	Leakage currents in the faraday type MHD generator with nonuniform gas	1971
19710025412	Review of USSR Tokamak experiments	1971
19710025413	Ion heating caused by ion acoustic waves in an ion streaming plasma	1971
19710025433	Cross sections for radiative neutron capture by U 238 nuclei	1971
19710025475	Plasma acceleration in a travelling electromagnetic field: General diagnostic and velocity measurements	1971
19710025483	Effect of secondary emission of the potential of a metallic body in the electron radiation belts of the earth	1971
19710025507	Some specific rare gas studies in Apollo samples	1971
19710025512	The atmosphere of Venus	1971
19710025542	Manned space flight: News release	1971
19710025655	Propagation of cracks in composite materials	1971
19710025798	Characteristics of personal monitoring dosimeter	1971
19710025806	The question of the mechanism of photochemical synthesis of amino acids under UV-irradiation of formaldehyde and ammonia salt solution	1971
19710025924	Investigation of nonviscous flows of a radiating gas with the help of differential approximations	1971
19710025925	Fully developed turbulent flow through concentric annuli	1971
19710025927	Numerical integration of the equations of a three-dimensional laminar boundary layer on flow lines	1971
19710025967	Ball lightning: New observations and new hypotheses	1971
19710025969	Measurement of the time for passage of an elastic impulse through a rock specimen under high pressure and temperature experimental conditions	1971
19710025970	The annual heat balance of the north polar cap of Mars	1971
19710026211	Numerical application of one new approximate method for solving boundary value problems	1971
19710026311	Brief description of the pilot plant installation and the incore-thermionic reactor	1971
19710026315	Parameter fittings of a nuclear reactor mathematical model in the frequency domain with alternative forms of weighting function	1971
19710026316	Change in the thermal conductivity in an oxide fuel during burnup	1971
19710026324	Analog study of propulsion power reactors	1971
19710026333	Reactor power upgrading, geochronology programs, and reactor research 1969 - 1970	1971
19710026370	Numerical solutions of intrinsically steady-state problems of electrodynamics	1971
19710026373	Subjective and objective evaluation of engine noises	1971
19710026374	Noise control in woodworking machines	1971
19710026391	Graphs for studying isotopic relations in reactions with production of three particles and possible Pomeranchuk pole exchange	1971
19710026392	Determination of the Breit-Wigner resonance widths using the Fourier algorithm	1971
19710026395	Connection of the radiative capture mechanism with the structure (A greater than 100)	1971
19710026397	Properties of light nuclei with realistic N-N-interaction	1971
19710026399	Determination of neutron spectra from activation data by means of RF01 and RF07 codes	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710026404	Application of the phenomenological quasi-two-body model to pion(minus) proton-interactions with the strange particle production at p equals 4 GeV/c	1971
19710026409	Method of calculating the unitary weights in the theory of multiple particle production	1971
19710026411	X-ray spectrometer with cooled Si(Li)-detector	1971
19710026412	Possible method of measuring the electromagnetic form factor of the neutrino	1971
19710026413	Nucleon Compton effect and sum rule for dipole nucleon moment	1971
19710026415	Interference phenomena in the system of two resonances	1971
19710026416	Relativistic wave function and form factors space of relative momenta	1971
19710026417	Negative pion photoproduction off neutron at 180 deg in the energy range between 300 and 1200 MeV	1971
19710026418	Possibilities of the resonance interferometry	1971
19710026419	Calculation and generation of the magnetic system of the monoenergetic cyclotron	1971
19710026420	FLANGE-AI 4 code for the Gier computer	1971
19710026421	Opto-electronic link for transmitting temporal information	1971
19710026425	The problem of the generation of particles in the classical mechanics	1971
19710026428	SANDRA: The DWBA codes JULIE and DWUCK adapted for use on the IBM 360/50 computer	1971
19710026429	ANNLIS: A computer program for the automatic analysis of gamma-ray spectra	1971
19710026431	Dynamic molecular orbitals and their application to charge exchange reactions	1971
19710026432	Operation characteristics of the 75 cm hydrogen bubble chamber and the refrigerator. 1.	1971
19710026436	Search for particles with a fractional charge (quarks) in the 70 GeV accelerator	1971
19710026443	Local models for antikaon-nucleon collisions	1971
19710026444	Device for measuring the luminosity of the Orsay storage ring	1971
19710026445	Study of the B-11 nucleus by electron scattering	1971
19710026446	Study of the spallation of medium mass nuclei	1971
19710026447	Probabilities of electromagnetic transitions in Ca-41	1971
19710026449	Gamma and alpha irradiations of aerated and degassed solutions of americium and neptunium	1971
19710026450	System for depression of the magnetic field pulsations in the Dubna synchrophasotron	1971
19710026451	Kinetic model of the plane high-current electron-ion beam	1971
19710026452	Gauge invariant infinity suppression in gravity modified quantum electrodynamics	1971
19710026454	Measurement of central fission ratios and fission rate distributions in FCA	1971
19710026476	Some problems of choosing and calculating the focusing system of 30 MeV linear induction accelerator	1971
19710026481	On the scattering of slow neutrons by orthohydrogen in the cubic phase	1971
19710026484	Cross sections of inelastic channels of reactions in np-interactions at the neutron momentum from 2 to 10 GeV/c	1971
19710026485	Elastic pp- and pd-scattering at 50 and 70 GeV	1971
19710026491	A note on the extrapolation of the C-12 plus C-12 and C-12 plus O-16 reaction cross sections to astrophysical energies	1971
19710026493	Timing with Ge(Li)-detector	1971
19710026496	Design of high gradient accelerating column	1971
19710026497	High resolution beam hodoscope using multiwire proportional chambers	1971
19710026527	Critical review of ultraviolet photoabsorption cross sections for molecules of astrophysical and aeronomic interest	1971
19710026575	The self-modeling problem of a high-current discharge in a plasma	1971
19710026576	Hydromagnetic motion in the geomagnetic tail	1971
19710026582	Studies of plasma drift in a FXR discharge	1971
19710026604	On the fluctuation enhanced conductivity of a superconductor: The correct evaluation of the Maki graph	1971
19710026675	Polar asymmetry of the planets	1971
19710026680	On the phase dependence of integral bright dependence of integral brightness of Mars	1971
19710026712	Flight of Soyuz 10	1971
19710026776	Difference method for the solution of the second boundary-value steady-state problem of the theory of elasticity	1971
19710026783	A NASTRAN buckling analysis of a large stiffened cylindrical shell with a cutout	1971
19710026873	Heat pipes and their applications: A bibliography	1971
19710026880	The behavior of a burning candle in gravitationless space	1971
19710026922	Relation between stratosphere turbulence causing aircraft buffeting and the verticle distribution of meteorological parameters	1971
19710026990	Essay on life	1971
19710026993	Heat: Biological effects, occupational hygiene significance and possibilities of protection. Drinking during high temperature work	1971
19710026995	Results of radiation protection monitoring in the biosphere of fallout radioactivity in the German Democratic Republic, 1969	1971
19710026997	Determination of trace elements in serum and urine with flameless atomization	1971
19710027006	Multiple molecular shapes of lactate dehydrogenase (LDH) in the lymphocytes of fetal and adult thymuses and spleens	1971
19710027007	The microbiologic characterization of soil type	1971
19710027010	Thermal regulation during physical exercise: Behavioral approach	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710027099	DIODE: A computer program for the comprehensive evaluation of gamma spectra	1971
19710027202	Flow in the near wake	1971
19710027204	Incompressible potential flow in a plane cascade stage	1971
19710027205	Theory of flows in steady separation zones	1971
19710027336	Fabrication and burst testing of reaction-bonded silicon carbide tubes	1971
19710027365	Investigation of the nature of the emission spectra of substances obtained by laser radiation	1971
19710027370	Difference frequency generation by nonlinear optics methods	1971
19710027381	On tetragonal ferroplatinum from the Noril'sk deposits	1971
19710027382	Ratio of liquid and gaseous phases during the action of focused laser radiation on metals	1971
19710027384	New data on vrbaitite and its mercury content	1971
19710027435	Techniques for measuring electric resistivity of ceramics at high temperature (1,000-1,700 C)	1971
19710027436	New data on iridium-osmium compounds existence of native osmium	1971
19710027567	Utilization of vibrational compaction for nuclear fuel	1971
19710027568	Isotopic electric generators	1971
19710027576	Automatic start-up system for the UA-RR-1 reactor	1971
19710027577	Estimate for UAR research reactor thermal inertia	1971
19710027582	Inherent properties of the different primary circuits of sodium cooled reactors	1971
19710027583	Burnout in forced convection boiling heat transfer: A bibliography	1971
19710027584	AECL research in engineering	1971
19710027585	Valves for primary heat transport systems for Canadian power reactors	1971
19710027586	Temperature distribution and corrosion in the core of an advanced high temperature reactor	1971
19710027587	Kinetics parameter calculation code: ARGO	1971
19710027588	Cooling of a simulated fuel element by a flow of naturally circulated boiling water	1971
19710027589	Nuclear power and environmental pollution	1971
19710027622	Radiolysis of water in sealed aluminum capsules: Its prediction and inhibition	1971
19710027623	Determination of traces of fluoride, chloride, and boron in plutonium-containing oxide fuels	1971
19710027626	Studies of the diffraction of light with ultrasonic waves. 2: Communication: Diffraction of light with ultrasonic waves for oblique incidence of the light on the sound wave front. Bragg reflection	1971
19710027656	Study of high energy pion nucleon backward scattering: Measuring of the pion (minus) proton yields neutron pion (0) differential cross section and baryon exchange model with absorption spectra	1971
19710027657	Programs for the management and processing of neutron diffraction data	1971
19710027658	Depolarization in 612 MeV elastic pn-scattering	1971
19710027659	Neutron-electron interaction studied by neutron diffraction on a single crystal of W-186	1971
19710027660	Search for elementary particles bearing a magnetic charge: An experimental design in the form of a modified variant	1971
19710027662	Effect of the optical parameters of the medium on the yields of transition radiation of non-relativistic particles	1971
19710027664	Research of a biasing system for the treatment of the deep penetration of neutrons by the Monte Carlo method	1971
19710027666	Partial elimination of infrared divergences in the model of quantum field theory with degenerated vacuum	1971
19710027667	Conformal-covariant interactions	1971
19710027668	Functional integration and Regge-eikonal representation of the scattering amplitude	1971
19710027669	Relativistic three-particle problem in terms of three-dimensional variables	1971
19710027670	The study of spin effects at high energy in the quasipotential approach	1971
19710027672	Positron-electron annihilation into hadrons in the preasymptotic region and muon(plus) muon(minus) production in proton collisions	1971
19710027673	AFST model with pion pion and pion proton phase shifts and Durr-Pilkuhn form factors applied to the reaction pion(plus)proton yields proton 3 pion(plus)2 pion(minus) at 8 GeV/c	1971
19710027679	Electron-ion bunch diagnostics by means of bremsstrahlung	1971
19710027680	Coherent production on the nucleus of systems with two, three, four, and five mesons by kaon(minus) of 5.5, 10, and 12.7 GeV/c	1971
19710027681	Study and development of an induction measuring device for the Orsay synchrocyclotron	1971
19710027683	Measurement of the A and R polarization parameters in pion(minus) proton elastic scattering at 6 and 16 GeV/c	1971
19710027689	Q valve dependence of multinucleon transfer reactions	1971
19710027692	Mass spectrometric determination of the neutron capture cross section of isotopes of the rare earths	1971
19710027693	Interaction of high-energy radiation with matter	1971
19710027694	Improved version of Tamura's code for coupled channel calculations: ""JUPITOR Karlsruhe version""	1971
19710027696	Division of radiation protection and safety	1971
19710027698	Maintenance program for Babyline-20 dose rate meters manufactured by Nardeux	1971
19710027699	Soil analysis by neutron activation method	1971
19710027700	Correlation effect in He-4 and O-16	1971
19710027702	Decontamination Operations Department	1971
19710027731	Improved relativistic corrections to Fermi-contact hyperfine Hamiltonian	1971
19710027733	Elastic and inelastic scattering of 5.0 MV neutrons by sodium	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710027769	Phase acceptance of an alternating gradient doublet made of quadrupoles of different apertures	1971
19710027770	SPECIFIC 2. A Monte Carlo program for high energy neutron spectrum estimation	1971
19710027771	COSMIC: A Monte Carlo program for thermal neutron re-thermalisation studies	1971
19710027772	Research of a biasing system for the calculation of the deep penetration of neutrons by a Monte Carlo method	1971
19710027797	Relativistic Doppler effect and group velocity in homogeneous nonlinear and inhomogeneous plasma	1971
19710027798	Group velocity of high amplitude surface waves in vacuum-plasma interfaces	1971
19710027811	Research on ultra-high frequency heating and adiabatic compression of a plasma in the Tuman-2 facility	1971
19710027813	Computer simulation of anomalous resistance	1971
19710027814	Investigation of laser produced plasmas in the keV temperature range	1971
19710027816	Fluctuating electric fields in a turbulent plasma	1971
19710027817	Plasma shift in fast stellarators with finite conductivity	1971
19710027818	Confinement of a toroidal theta-pinch plasma in a periodic caulked cusp field	1971
19710027846	Experimental investigation of quasistationary longitudinal ion streams in the L-1 stellarator	1971
19710027848	Dependence of plasma confinement on the properties of magnetic configuration and plasmas in JIPP stellarator	1971
19710027849	Plasma containment in the Proto-Cleo stellarator	1971
19710027850	Confinement of a plasma in a two turn stellarator at resonance values of the rotational transform angle	1971
19710027851	Experimental investigation of plasma heating at a frequency close to the lower hybrid resonance	1971
19710027852	Plasma confinement in a Tokamak with beta sub I 1 and arbitrary current distribution	1971
19710027946	Space Marathon	1971
19710027949	Water on extraterrestrial objects	1971
19710028010	Constants of lunar physical libration	1971
19710028039	Performance and evaluation of fatigue tests under statistical load, part 1	1971
19710028041	Principles for the execution of tensile and creep tests in vacuum at high temperatures	1971
19710028082	Cyclic heat transfer and static pressure drop measurements on packed beds	1971
19710028117	Review of testing techniques for transonic airfoils	1971
19710028124	Dependence of aircraft buffeting in the stratosphere on horizontal temperature and wind distribution	1971
19710028147	Study of process variables associated with manufacturing hermetically-sealed nickelcadmium cells	1971
19710028159	Continuous measurement of the action of potassium and sodium within the interstice of muscle stria during physical exercise	1971
19710028160	On electrokinetic phenomena at biological surfaces with special consideration of the red blood cells	1971
19710028161	Population genetics of the red cell acid phosphatase	1971
19710028162	Water-salt metabolism during space flight	1971
19710028163	Status of water-salt metabolism under space flight conditions	1971
19710028183	On the correlation of visual-motor reaction time and light sensitivity	1971
19710028209	Spectrographic analysis of high purity europium oxide	1971
19710028213	Kinetics and catalysts of formaldehyde condensation	1971
19710028214	On the mechanism of water decomposition during the process of photosynthesis	1971
19710028302	Nanosecond pulse amplifier with an adjustable gain, working in both polarities	1971
19710028303	Broad bandwidth differential amplifier	1971
19710028304	The 200 MHz pulse amplitude discriminator	1971
19710028352	Two-phase flow measurements utilizing laser anemometry	1971
19710028355	Anomalies observed in the flow of liquids through hard fine-pored filters	1971
19710028356	The Sound and Flow Field of an Axially Symmetric Free Jet upon Impact on a Wall	1971
19710028472	Continuous measurement of the activity concentration of radioiodine in air	1971
19710028479	Scientific space station ""Proton-4""	1971
19710028568	A method of studying very weak phase objects	1971
19710028569	Laser microemission spectroscopic analysis of metals and nonmetals	1971
19710028570	Investigation of the mechanism of matter inflow under the effect of laser radiation	1971
19710028586	Spectrographic determination of lead and tellurium in Bi-Pb and Bi-Te alloys	1971
19710028588	Laboratory guide for the selection of brazing materials	1971
19710028601	Long-time corrosion investigation of austenitic Cr-Ni steel and nickel-base alloys in superheated steam (620 c, 1 atm) with special attention to the behavior of cold formed material surfaces	1971
19710028603	Dispersion-strengthened aluminum products: Manufacture, structure and mechanical properties	1971
19710028645	Dc arc method for the determination of rare earth impurities in yttrium oxide	1971
19710028646	Characteristics of various sealing membranes for alpha activity monitoring cells used in solutions	1971
19710028678	Operator formalism of dual resonance model with different trajectories	1971
19710028681	Optimal strategy construction by trial and error based on Pontryagin's maximum principle	1971
19710028682	Some approximation equations useful in the phenomenological treatment of linear viscoelastic data. Part 3: Approximation equations for converting static mechanical data to dynamic data	1971
19710028698	Weak convergence in the infinite tensor product of Hilbert spaces	1971
19710028743	Reactor physics characteristics of the high temperature reactor	1971
19710028744	Performance of uniaxial creep machines in the NRX and NRU reactors	1971
19710028746	Interfacial phenomena in liquid metal cooled reactor systems	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710028749	The effect of the condition of the external surface on the fracture strength of HTR fuel compacts	1971
19710028759	Experience report on the operation and radiation protection at the Braunschweig research and measurement reactor, 1970	1971
19710028789	Grain boundary energy of irradiated uranium dioxide	1971
19710028792	Characteristics of fission products principally identified in fast reactors in view of detecting burst slugs	1971
19710028796	Effect of fissile nuclei consumption on power and temperature distributions in a fuel element	1971
19710028800	Absolute power measurement by reactor noise analysis	1971
19710028811	Optics: Birefringent device allowing comparison of the Foucault method with the Hilbert transform method during observation of phase defects	1971
19710028812	Studies in light diffraction by ultrasonic waves. Report 1: Experiments in the expected periodic disappearance of diffraction spectra with angle of incidence according to the Raman-Nath theory	1971
19710028836	Multiple e.m. processes in high energy e minus e plus or minus collisions	1971
19710028840	Unitarity calculation for elastic scattering based on uncorrelated jet model with Regge phases	1971
19710028843	Tables of magnetic structures determined by neutron diffraction. Part 3: rhombohedral and hexagonal systems. Elaboration and redaction	1971
19710028857	Investigation of short-lived isomers of the terbium isotopes: Tb-148, Tb-149, Tb-150, and Tb-152	1971
19710028859	Pion(minus) proton yields pion(0) pion(0) neutron reaction at 447 MeV	1971
19710028860	Decay of Ta-123	1971
19710028862	Derived operating limits of surface contamination	1971
19710028864	Hadamara: Transform scintillation counter	1971
19710028867	Experience in the use of thermoluminescent dosimeters for radiation dose control purposes	1971
19710028868	Problems of high temperature annealing of PTFE/Lithium fluoride discs used for ionising radiation dosimetry	1971
19710028871	Solubility of copper in sodium	1971
19710028872	Response of liquid ionization chambers to pulsed photon and electron beams. Inhibition of the ionization current by electronegative compounds	1971
19710028875	Possibilities of observation of magnetic surface modes using inelastic neutron scattering	1971
19710028877	Measurement of the ratio of positron-proton and electron-proton elastic scattering cross sections at 180 deg at large q(2)	1971
19710028879	The (d, He-3) reaction with Bi-209 at 80 MeV and the even lead isotopes. Contribution to the study of the phenomenological nuclear potentials of Pb-208	1971
19710028881	Analysis of the kaon(minus) proton yields Lambda(0) hyperon pion(plus) pion(minus) reaction and the separation of the kaon(minus) proton interactions from the kaon(minus) nucleus interactions in a heavy liquid bubble chamber	1971
19710028882	Measurement of Rb-89 gamma ray energies	1971
19710028883	Study of the nuclei N-12, F-16, Mg-22, Si-26, and S-30 by (He-3,n) reactions	1971
19710028884	Contribution to the study of surface reactions between medium-mass-target nuclei (ag) and heavy projectiles (C,N)	1971
19710028885	Excitation of bound atomic states by a sudden change of central field resulting from beta(minus) decay	1971
19710028886	Phase motion of the high intensity beam of the strong-focusing Sepukhov proton synchrotron	1971
19710028888	Specific energy loss and effective charge of fission products in metal absorbers	1971
19710028889	Three-quasiparticle excitations in At-205	1971
19710028891	Measurement of the ratio alpha of radiative-capture and fission cross-sections for Pu-239 in the energy range of neutrons 0.1-30 keV	1971
19710028895	Contribution to the study of electrostatic separation of high-energy particles: Two plate and multiple-plate separators	1971
19710028896	Electromagnetic interactions: Theory	1971
19710028897	On the PTC-non-invariant Lagrangians	1971
19710028913	Nuclear heating measurements using ionization chambers	1971
19710028916	Effect of pressure on the reflectivity of neutrons by a monochromator crystal	1971
19710028917	Shower efficiency of spark chambers	1971
19710028918	Details of some beta heating calculations	1971
19710028919	Investigations on knockout effect: Layer thickness dependence and collision cascades	1971
19710028921	Variational calculation for a bound of the region of existence of atomic nuclei	1971
19710028931	PEARLS: A code for the solution of the neutron slowing down equations in multiregion lattices of resonance absorbers	1971
19710028932	Nuclear physics research	1971
19710028954	Mechanism of plasma focus formation in a coaxial injector	1971
19710028955	Experimental and theoretical investigation of a gas discharge of the plasma focus type	1971
19710028956	Cylindrical plasma sources with densities high above critical density excited by an RF helix with and without magnetic field	1971
19710028957	Toroidal screw pinch with noncircular plasma cross section	1971
19710028959	Experimental and theoretical studies of a high-beta toroidal pinch	1971
19710028960	Decay of the longitudinal current in toroidal screw pinches	1971
19710028961	Experimental study of drift wave stabilization	1971
19710028962	High frequency stabilization of a current carrying toroidal plasma column in a longitudinal magnetic field	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710028963	Penetration of the ion-acoustic barrier when an alternating current flows in a toroidal magnitized plasma	1971
19710028964	Dynamic stabilization of the m equals 1 mode on a screw pinch	1971
19710028965	Statistical study of a helium plasma outside local thermodynamic equilibrium	1971
19710028966	Experimental study of collective dissipation in shock waves for a wide range of plasma parameters	1971
19710028967	Experimental research on nonlinear effects in the interaction of nonrelativistic and relativistic beams with a plasma	1971
19710028968	Anomalous resistivity in an RF confined plasma: Theory and experiment	1971
19710028969	Structure of the dense plasma focus. Part 1: Numerical calculations, X-ray, and optical measurements	1971
19710028970	Nonadiabatic ions in the distribution function from self-consistent calculations of the plasma focus	1971
19710028971	Numerical and laboratory experiments in the polytron configuration	1971
19710028972	MHD-stability of axisymmetric plasmas	1971
19710028973	Toroidal high beta experiments in compact axisymmetric configurations	1971
19710028974	Behaviour of a high-temperature plasma under current heating in the high shear stellarator uragan	1971
19710028975	Evaluation of the possibilities of using a powerful beam of relativistic electrons for thermonuclear fusion	1971
19710029012	Convective motion in the climax toroidal quadrupole device	1971
19710029013	Plasma confinement and heating in the internal ring device F IV	1971
19710029014	Vacuum and neutral beam production in the multi-injection experiment in a quadrupolar coil	1971
19710029015	Plasma confinement in the JAERI hexapole with high toroidal field	1971
19710029016	Experimental study of collisionless shock waves	1971
19710029017	Equilibrium and MHD stability in Tokamak and hybrid systems	1971
19710029018	Some nonlinear phenomena associated with high frequency beam plasma instabilities	1971
19710029019	Theory of plasma confinement in a Tokamak at high temperatures	1971
19710029020	Effect of an electric field on transfer processes in axially symmetric magnetic traps	1971
19710029021	Plasma heating and stability in a combined pinch	1971
19710029059	Remarks on the paper of M. D. C. Whittley (paper no. 13): Some aspects of propulsion for the augmentor wing concept	1971
19710029083	Librational stability conditions for deploying satellites	1971
19710029084	The influence of corotation on interplanetary dust grain orbits	1971
19710029085	A note on the rigid-body dynamics of the Davis-Greenstein effect	1971
19710029089	Description of the Deep Space Network: DSN functions and facilities	1971
19710029090	Mission support: Interplanetary, planetary, and manned space flight projects and radio science experiments	1971
19710029091	Advanced engineering: Tracking and navigational accuracy analysis, communications systems and elements research, and supporting research and technology	1971
19710029092	Development and implementation: Space Flight Operations Facility and Ground Communications Facility Development	1971
19710029093	Operations and facilities: Pioneer F and G mission support area	1971
19710029227	Survey of the effects of porosity on the elastic moduli and strength of brittle materials with particular reference to beryllium	1971
19710044133	Space Shuttle Launch Operations	1971
19710047481	Development and Evaluation of Modified Polyisocyanurate Foams for Low-Heating-Rate Thermal Protection	1971
19710050935	Experimental Burning Rates of Single Laser-Ignited Beryllium Droplets	1971
19710053073	Synergistic characteristics of thermoradiation sterilization	1971
19710057220	Planetary quarantine considerations for outer planet missions	1971
19710059506	The temperature dependence of radiation-induced free-radical destruction	1971
19710059872	Sterilization and Quarantine Experiments at the Lunar Receiving Laboratory	1971
19710063015	Lunar Astrology: U-Th Distributions and Fission-Track Dating of Lunar Samples	1971
19710063079	Radiation Dose Rates and Thermal Gradients in the Lunar Regolith: Thermoluminescence and DTA of Apollo 12 Samples	1971
19710063102	Nuclear Track Studies of Dynamic Surface Processes on the Moon and the Constancy of Solar Activity	1971
19710063117	Microbiological Sampling of Returned Surveyor III Electrical Cabling	1971
19710063118	Surveyor III - Bacterium Isolated from Lunar-Retrieved TV Camera	1971
19710065323	Aerospace-related hybrid computing facility interim report	1971
19710066430	Final report 16 Jan. 1971	1971
19710066432	Advanced theoretical and experimental studies in automatic control and information systems, supplement no. 7 and 8 Semiannual status report, 1 Jul. - 31 Dec. 1970	1971
19710066804	Development of a campus based information system with initial emphasis on chemistry Final report	1971
19710066812	Physical Properties of the Apollo 12 Lunar Fines	1971
19710066881	Repair of 16.5 GHz radar data processor and receiver chassis Final report	1971
19710067366	Zero field quantum oscillations in beam- foil excited Lyman-alpha radiation	1971
19710067426	The theory of parallel operations in digital systems Final report, 1 Oct. 1969 - 31 Jan. 1971	1971
19710067488	Oxidation at intermediate moisture contents	1971
19710067662	Radiolytic grafting of monomers on polymeric films Semiannual research summary	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710067857	Hypersonic research engine project - Phase 2A, control system development. Data item no. 55-6.04 Interim technical data report, 3 Jan. - 2 Apr. 1968	1971
19710067864	Rate of convergence of approximate solutions of parabolic initial-boundary value problems	1971
19710067880	Hypersonic research engine project - Phase 2, metal joining efforts performed in conjunction with the AIM development program. Data item no. 54.13	1971
19710067884	Summary university program information	1971
19710067900	Advanced communication system time domain modeling techniques - Contractor organization chart and supporting task data	1971
19710067940	Space cell test program Monthly progress report	1971
19710067987	A multidisciplinary research program on the environment Semiannual progress report, 1 Aug. 1970 - 31 Jan. 1971	1971
19710067988	Semiannual progress report, 1 June - 30 November 1970	1971
19710067990	Quarterly report, 1 January - 31 March 1971	1971
19710067994	Recently developed coatings for tantalum, columbium and TD alloys	1971
19710067997	Multidisciplinary space-related research Semiannual report, 1 Sep. 1970 - 1 Mar. 1971	1971
19710068031	Astronaut tool kit contract end item specification	1971
19710068032	Test procedure - Inflight maintenance simulation test	1971
19710068034	Data users' note - Mariner 6 and 7 photographic data /NSSDC identification no. 69-014A-01 and 69-030A-01/	1971
19710068058	Universities Conducting NASA Research in FY 1970 Including Addresses and President's Names as of 1 January 1971	1971
19710068171	Semiannual report on multidisciplinary research grant, 1 January - 30 June 1971	1971
19710068252	Stability of foodwebs and its relation to species diversity	1971
19710068253	A systems analysis of human relations	1971
19710068277	Preliminary study and analysis of requirements for a NASA space law library and information system Final technical report	1971
19710068460	Photochemical studies in the field of natural products Final report	1971
19710068714	Space flight handbooks, volume 3 - Planetary flight handbook. Part 8 - Jupiter swingby missions to Saturn, Uranus, Neptune, and Pluto. Supplement - Tabular trajectory data	1971
19710068723	The calibration of narrow band photometry. 2 - The gravity and Doppler-broadening velocity of G and K giants	1971
19710069195	Comments on a paper by R. G. Fowler and Jafar Hashem Neutrons as an energy source for the solar corona	1971
19710069249	Free recall of minimal serial lists	1971
19710069333	Physiochemical food system studies Annual	1971
19710069468	Optimal measurement strategies for linear stochastic systems	1971
19710069501	The effect of surface conditions on the work function of insulators and semiconductors Annual report, 1970 - 1971	1971
19710069506	Lab work conducted toward the synthesis and identification of 1, 2-dimethylcyclobutadiene	1971
19710069507	Developing new ways for the study of organizational health - A projective approach to the perception of organizations	1971
19710069528	Progress report, 1 December 1970 - 28 February 1971	1971
19710069558	IR-spectroscopic investigations of the crystalline tetrahydrate of hydrogen bromide H9O4/plus/Br/minus/	1971
19710069662	Preparation and properties of Ge-Ge/x/Si/1 minus x/, Ge-GaAs and Si-GaP heterojunctions	1971
19710069692	Mars chart - Meridiani Sinus and environs	1971
19710069703	Exponential estimates and the saddle point property for neutral functional differential equations	1971
19710069944	The variation method, 2	1971
19710070124	LH2 and LO2 turbopump assemblies program Monthly progress report	1971
19710070398	What's happening to small business research and development /ques/	1971
19710070642	Conical scanning system for Pioneer Jupiter spacecraft	1971
19710070676	A comparison of the effect of ionizing radiation on peptide-bound and free amino acids in the solid state	1971
19710070707	Analysis of the long-range internuclear potentials of B/3 Pi O u plus/-state Br2 and Cl2	1971
19710070878	Manned Lunar Roving Vehicle	1971
19710070899	Research in unsteady and nonequilibrium supersonic gas dynamics Progress report, 1 Feb. - 31 Jul. 1971	1971
19710070929	The asymmetric ring current - A perspective	1971
19710070933	Studies of the effects of gravitational and inertial forces on cardiovascular and respiratory dynamics Semiannual report	1971
19710071019	An immunofluorescent technique for detecting Aeromonas liquefaciens in fish utilized in lunar exposure studies	1971
19710071022	Space instrument development program, part 1 Semiannual progress report, 1 Jan. - 30 Jun. 1971	1971
19710071025	Discrete ordinate theory of radiative transfer. 1 - Rayleigh scattering	1971
19710071090	The Radiation Resistance of Cylindrical Shells Exhibiting Axisymmetric Mode Shapes	1971
19710071093	Computer programs for prediction of structural vibrations due to fluctuating pressure environments	1971
19710071095	Prediction of interface random and transient environments through the use of mechanical impedance concepts	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710071105	A unique model, suspension, and excitation system for launch vehicle dynamics studies	1971
19710071151	Investigation of the fracture mechanics of boride composites Quarterly report	1971
19710071159	The modular design problem - Convexity of the constraint set	1971
19710071163	Public education finances, 1949 - 1985	1971
19710071170	Reusable nuclear stage advanced structures study Quarterly report, 26 Jul. - 25 Oct. 1971	1971
19710071174	Educational computer utilization and computer communications	1971
19710071176	Dynamic response of the elastic plastic finite element Final report	1971
19710071177	Cryogenic research and development Progress report, period ending 30 Sep. 1971	1971
19710071178	Deformation processes in forging ceramics Progress report, 8 Apr. - 8 Jul. 1971	1971
19710071236	Study of permeability characteristics of membranes Quarterly report	1971
19710071242	A general problem describer for computer assisted instruction	1971
19710071255	Solutions to problems involving generalized aerodynamic forces Semiannual progress report, 1 Apr. - 1 Oct. 1971	1971
19710071268	A chronology of the George C. Marshall Space Flight Center, 1 January - 31 December 1968	1971
19710071269	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle Quarterly technical progress report no. 2, 1 Jul. - 30 Sep. 1971	1971
19710071427	Thermal design of composite material high temperature attachments Quarterly progress report, 6 Aug. - 6 Nov. 1971	1971
19710071428	Control system estimation and design for aerospace vehicles Progress report	1971
19710071430	Meson channel design and performance for the SREL synchrocyclotron	1971
19710071431	Histochemical and biochemical analyses of plant tissues Final report	1971
19710071432	ODOP flight test data	1971
19710071434	Multidisciplinary research in space sciences and statement of allocations for final year of step funding - Project summary	1971
19710071587	Nuclear reactor-powered space station definition and preliminary design. Volume 1 - Summary	1971
19710071589	Structural and mechanical effects of interstitial sinks Quarterly progress report, 8 Sep. - 8 Dec. 1970	1971
19710071606	Modular space station buildup concept	1971
19710071616	Space station Monthly progress report, period ending 31 Dec. 1970	1971
19710071618	Space station core module mockup review and evaluation	1971
19710071619	Selected experiment definition	1971
19710071627	Preliminary performance specifications. Volume 3 - Artificial gravity system for space station project	1971
19710071628	Cargo module definition	1971
19710071629	Nuclear reactor-powered space station development definition. Volume 2 - Program element master plan	1971
19710071631	Nuclear reactor powered space station definition and preliminary design. Volume 5 - Subsystems - Structure, environmental protection, docking, crew/ habitability	1971
19710071633	Preliminary performance specifications. Volume 2 - Space station module for space station project	1971
19710071644	Fusion energy for spacecraft propulsion systems	1971
19710071649	TD-NiCr sheet - Mechanical and physical properties, welding and forming	1971
19710071658	GG134S subminiature gas-bearing strapdown gyro Final report	1971
19710071662	Verification of the Real-Time Computer Complex entry program for mission H-3/Apollo 14	1971
19710071664	Report on selected update tasks for baseline space station. Volume 2 - Thermal control	1971
19710071672	Some effects of ablation surface roughness on the aerodynamic characteristics of a reentry vehicle at Mach numbers from 0.30 to 1.00 - Coord no. AF-AM-833 /U/	1971
19710071674	Subsonic and supersonic longitudinal characteristics of a fighter model with wing-mounted nacelles and leading- and trailing-edge flaps /U/	1971
19710071676	Options period executive summary	1971
19710071677	International system of units conversion assessment	1971
19710071680	The role of depressed metabolism in increased radio-resistance, and the alteration of intestinal function by irradiation	1971
19710071682	Intermediary metabolism during brief and prolonged low tissue temperatures Progress report, 1 Jul. - 31 Dec. 1970	1971
19710071683	Report on selected update tasks for baseline space station. Volume 1 - Selected update tasks	1971
19710071684	Radioisotope-powered space station definition. Volume 1 - Summary	1971
19710071685	Shuttle-launched modular space station. Volume 1 - Concept definition	1971
19710071686	Shuttle-launched modular space station. Volume 2 - System development requirements	1971
19710071687	Shuttle-launched modular space station. Volume 3 - A 22-foot-diameter core module comparison	1971
19710071688	Thermal bending and twist of C-shaped ribs	1971
19710071689	Nuclear reactor-powered space station cost and schedules	1971
19710071690	Preliminary performance specifications. Volume 1 - Preliminary crew cargo module for space station project	1971
19710071696	Apollo reference mission program, version 08 - Lunar descent/ascent supplement user's manual	1971
19710071699	A study of teleoperator technology development and experiment programs for manned space flight applications. Volume 1 - Summary volume Final report	1971
19710071700	A study of teleoperator technology development and experiment programs for manned space flight applications. Volume 2 - Technical report Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710071701	Costs and schedules data	1971
19710071702	Crew cargo module definition, appendixes	1971
19710071705	Radioisotope-powered space station definition. Volume 2 - Operations	1971
19710071706	Radioisotope-powered space station definition. Volume 3 - Subsystems	1971
19710071715	Reoxidation of the fluorescence quencher 'Q' in the presence of 3-/3,4-dichlorophenyl/-1, 1-dimethylurea	1971
19710071719	Loading capacity, processing and use of boron- fiber reinforced composites	1971
19710071721	Crew cargo module definition	1971
19710071723	Modular space station program - Extension period study plan	1971
19710071727	Study of resistivity and conductivity of saline solutions as a function of pressure and temperature	1971
19710071728	Satellites discover volcanic eruptions	1971
19710071729	Identification of the minor planets	1971
19710071730	Intensity measurements in the principal series of cesium in a cesium-neon discharge	1971
19710071732	Information system performance from 1964 through 1970 for the OGO-A-B-C-D-E-F satellites	1971
19710071740	Antenna and propagation studies for spacecraft, task E-53F. An analysis of radio communication on the lunar surface	1971
19710071741	Potential Integrator and Plotting /PIP/ programming manual	1971
19710071743	Apollo 14 spacecraft to spacecraft VHF coverage, task E-53F	1971
19710071745	Antenna and propagation studies for spacecraft, task E-53F. Preflight analysis of the LM and CSM high gain antenna systems operation on the Apollo 14 mission	1971
19710071747	Saturn engines O and FS program Quarterly progress report, 1 Oct. - 30 Dec. 1970	1971
19710071751	Ignition system for space shuttle auxiliary propulsion system Quarterly technical progress report, 28 Sep. 1970 - 3 Jan. 1971	1971
19710071756	Thermally stable laminating resins Quarterly technical report, 26 Oct. 1970 - 22 Jan. 1971	1971
19710071763	Analysis of surface pressure on a 5 deg cone in free flight near Mach 20 /reentry F/ /U/	1971
19710071766	SACI Project - Progress Review Meeting, 18-19 February 1971	1971
19710071767	Fundamental equation for the theory of aerodynamic noise in the cases of surfaces moving with a uniform transitional velocity	1971
19710071773	Solid lubricant handbook for use in the space industry	1971
19710071774	Development and characterization of lubricants for use near nuclear reactors in space vehicles	1971
19710071777	Nuclear reactor-powered space station definition and preliminary design. Volume 2 - Operations	1971
19710071778	Nuclear-reactor-powered space station definition and preliminary design. Volume 3 - Electrical power subsystem	1971
19710071779	Nuclear reactor-powered space station definition and preliminary design. Volume 4 - Subsystems - Environmental control and life support, guidance and control, reaction control, information management	1971
19710071780	Atlas/Centaur 25 Intelsat 4 /F2/ operations summary	1971
19710071781	Scientific communication research in space biology Annual progress report, 1 Jan. - 1 Dec. 1970	1971
19710071782	Space station program development definition. Volume 1 - Addenda program, project specifications and support and interface requirements	1971
19710071783	Impact of international system of units	1971
19710071784	Program plans	1971
19710071787	Boundary-layer transition for space-shuttle- type configurations at angles of attack /U/	1971
19710071788	Theoretical and experimental longitudinal aerodynamic characteristics at Mach 1.60 to 4.63 of a variable-sweep fighter model with wing sweeps of 44 deg and 71 deg /U/	1971
19710071789	Low-speed longitudinal stability and control characteristics of an airplane model with a translating horizontal tail /U/	1971
19710071790	Effect of screen-induced inlet-flow distortions on performance and stall characteristics of an afterburner equipped turbofan engine /U/	1971
19710071792	The effect of alumina on the structure of borosilicate glasses	1971
19710071793	Executive summary	1971
19710071794	Analysis of modular space station impact on KSC	1971
19710071795	The development and evaluation of lubricating systems for reusable space vehicles Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710071796	Comparison between the emission of oxygen and the emission of luminescence after a series of saturating flashes	1971
19710071797	On the operation of ionic loudspeakers	1971
19710071798	Investigation of transient degradation/ contamination of thermal coatings Quarterly progress report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710071801	Design improvement, qualification testing, purge and vent investigation, fabrication and documentation of a GAC-9 insulation system Monthly progress report	1971
19710071802	A four meter French vertical wind tunnel	1971
19710071803	DPD-235-DR/SE-01 modular space station concept	1971
19710071806	Reduction of GEOS-1 and GEOS-2 observations taken with the Minitrack Optical Tracking System /MOTS/	1971
19710071807	Schlieren, phase contrast and light intersection methods	1971
19710071808	The Tiros-N data acquisition system - Technical proposal to NASA	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710071809	Space station user's handbook	1971
19710071811	Space station program development definition. Volume 2 - Program plan /MSFC-DRL-231 line item 7/	1971
19710071813	Physical rock parameters, wave velocity, thermal conductivity	1971
19710071814	Thermally resistant polymers for fuel tank sealants Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710071815	On the calculation of the elasticity moduli of polycrystalline aggregates with texture	1971
19710071816	Elastic constants of quas isotropic polycrystal aggregates	1971
19710071817	Determination of extracellular fluid volume in man by measurement of whole body impedance	1971
19710071822	Power-on base pressure for space shuttle launch configurations Interim report, 19 Oct. 1970 - 19 Jan. 1971	1971
19710071823	Silver zinc secondary battery development program Final report	1971
19710071826	STS avionics - Integration, checkout, and monitoring. Apollo guidance, navigation and control	1971
19710071828	Analysis of star horizon sightings for Apollo lunar missions	1971
19710071829	Simplified ECS consumables analysis program guide supplement 3 Interim report	1971
19710071830	Siliconized carbon foam system Final report	1971
19710071831	Apollo guidance, navigation and control. Numerical solution of dynamic optimization problems	1971
19710071833	Investigation of High Performance Propellants for Space Application (U) Final Report	1971
19710071843	Apollo 14 extravehicular communications system postflight analysis. Antenna and propagation studies for spacecraft	1971
19710071844	Development of a rigidized, surface insulative thermal protection system for shuttle orbiter Final report	1971
19710071846	Theoretical and experimental studies of the nature and characteristics of space-related plasma resonance phenomena Semiannual report, 1 Jul. - 31 Dec. 1970	1971
19710071849	Effects of plant growth hormones on plant development in the absence of gravitational effects Semiannual report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710071852	Static stability and control investigation for the North American Rockwell delta wing /134B/ and straight wing /130G/ space shuttle orbiters	1971
19710071853	Torque free equations of motion for N-coupled rigid bodies	1971
19710071854	Kinematical description of the motion of N-coupled rigid bodies	1971
19710071857	IMP bi-satellite processing program for the stars F9 processor line /IMPBSAT/	1971
19710071859	Flight Performance Section support of solar eclipse project, March 1970	1971
19710071871	Digital encoding and processing of analog information for space applications Final report, 3 Jan. 1970 - 31 Jan. 1971	1971
19710071875	Liquid hydrogen nuclear radiation resistant seals Final technical report, Dec. 1969 - Feb. 1971	1971
19710071877	On the behavior of peritoneal mast cells in rats following acute hemorrhage	1971
19710071878	A study of renal and urine Lactic Dehydrogenase /LDH/ in the course of chronic renal ischemia	1971
19710071880	Evaluation of satellite photographs for oceanography	1971
19710071881	Biological effects of radiation - Metabolic and replication kinetics alterations Progress report, 1 Feb. 1970 - 31 Jan. 1971	1971
19710071883	Propagation problems	1971
19710071884	Inertia test of 24 foot single keel parawing, model 1, fabric alone	1971
19710071885	Satellite photography as an aid in the recognition of large-scale structures	1971
19710071888	The second approximation for nonviscous transonic flows	1971
19710071889	Performance evaluation of candidate strapdown and gimballed systems using nominal and abort shuttle trajectories	1971
19710071890	Operations and functions of the MINKEY rendezvous computer program in the Apollo command module computer	1971
19710071891	Man's role in integrated vehicular information management systems	1971
19710071893	A new approach to on-board orbit navigation	1971
19710071894	Performance assessment of spacecraft radar/tracking systems, task E-346 LM-8 rendezvous radar Final report	1971
19710071895	Jet noise suppressor tests for jet aircraft	1971
19710071896	Photometric analysis of the interior umbra during lunar eclipses	1971
19710071897	Materials research Semiannual progress report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710071900	Establishment of a model for the regulatory principles of the human organism. 2 - Daily and annual variations of mortality from cardio-vascular disease	1971
19710071903	Performance analysis of the ascent propulsion subsystem of the Apollo spacecraft	1971
19710071908	Performance assessment of spacecraft radar/ tracking systems. LM-8 landing radar Final report	1971
19710071909	Development of hardware and computer software Final report	1971
19710071913	Flight report for Delta vehicle S/N200/0 Delta program mission no. 81 spacecraft - ITOS-A	1971
19710071914	Modified ion pumped vacuum friction test Final report	1971
19710071915	Homogeneous transonic flows	1971
19710071916	Development of rigidized, surface insulative, thermal protection system for shuttle orbiter Final report, 4 Aug. 1970 - 19 Feb. 1971	1971
19710071917	Triggered gap switch, research and development Final report	1971
19710071918	Porous plug-capillary tube investigation Final report	1971
19710071919	The Mississippi Test Facility - A study in organizational viability	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710071920	CIT photoheliograph definition study. Volume 1 - Executive summary Final report	1971
19710071921	CIT photoheliograph definition study. Volume 2 - Detail and technical report Final report	1971
19710071922	Recommended practices for stainless steel vacuum systems welded joints	1971
19710071923	One handed hammer wrench Special report, 15 Feb. 1970 - 30 Apr. 1971	1971
19710071924	High thermal conductivity polymers for electronics and power equipment Special report, 15 Feb. 1970 - 30 Apr. 1971	1971
19710071925	SAS-A data processing results from launch through the anomaly of the spacecraft tape recorder system	1971
19710071926	Adhesive bonded fastener system Special report, 15 Feb. 1970 - 30 Apr. 1971	1971
19710071928	Physiological effects of water cooling during elevated work loads in pressure suited subjects Final report	1971
19710071929	CIT Photoheliograph definition study. Volume 4 - Development program costs Final report	1971
19710071930	Earth-orbital electro-optical multiband camera Final report	1971
19710071931	Nuclear shuttle system definition study, phase 3 Final review	1971
19710071932	Evaluation of insulation materials and components for use in a nuclear radiation environment - Redesign of propellant heating experiment and radiation analysis of Saturn 5 materials, systems, and components Quarterly progress report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710071933	Monte Carlo trajectory dispersion program Final report	1971
19710071934	Dynamic docking study hybrid simulation, appendix E Final report	1971
19710071935	Cryogenic insulation development Quarterly progress report, 17 Dec. 1970 - 17 Mar. 1971	1971
19710071937	Development of a thermal protection system for the wing of a space shuttle vehicle Final report	1971
19710071939	Transonic wind tunnel tests on a .009 scale pressure model of the Saturn 5/Skylab vehicle	1971
19710071940	Comparison of theoretical and experimental longitudinal aerodynamic characteristics of clipped-delta and arrow-wing versions of a fixed-wing fighter model from Mach 1.50 to 2.96 /U/	1971
19710071941	Stability and Control Characteristics for Mach 1.61 to 4.63 of a Cruciform Missile Having Highly Swept Low-aspect-ratio Wings and In-line Sweptforward Aft Tails /U/	1971
19710071942	Stability and control characteristics at low speeds of airplane configurations having variable-sweep horizontal tails /U/	1971
19710071943	Longitudinal and lateral-directional static aerodynamic characteristics of a lifting-body reentry vehicle at Mach numbers from 0.70 to 1.20 /U/	1971
19710071944	Research and development program for a combined carbon dioxide removal and reduction system	1971
19710071945	Modular space station with 22 ft diameter core - DPD-235-DR/SE-01 appendix	1971
19710071946	Orbital docking dynamics Final report	1971
19710071948	A Soxhlet extractor system for cleaning electrochemical cell components	1971
19710071952	Modular space station phase B extension Quarterly report	1971
19710071955	Noise temperatures used for STADAN antennas	1971
19710071957	Development of porous nickel plaques	1971
19710071958	Development of a multiple target aspect sensor	1971
19710071959	Equations of motion for N-coupled rigid bodies having holonomic constraints and external disturbances	1971
19710071960	Measurements of inelastically scattered electrons from bombardment of Al and Au targets at incident energies of 0.2, 1.0, and 2.0 MeV Final report, 18 May 1970- 18 May 1971	1971
19710071961	Space station study of resupply/repair of monopropellant subsystems Final report	1971
19710071962	Advanced cycle, high chamber pressure rocket engine analysis. Volume 1 - Summar report Final report	1971
19710071963	Advanced cycle, high chamber pressure rocket engine analysis. Volume 2 - Non-isoenergetic transonic flow in a rocket nozzle Final report	1971
19710071964	Nuclear flight system definition study. Volume 1 - Executive summary Final report	1971
19710071965	Nuclear flight system definition study. Volume 2 - Concept and feasibility analysis. Part A - System evaluation and capability Final report	1971
19710071966	Nuclear flight system definition study. Volume 3 - Program support requirements Final report	1971
19710071967	Nuclear flight system definition study. Volume 6 - Reliability and safety analysis Final report	1971
19710071970	The development of techniques of orbital decay and long-term ephemeris prediction for satellites in earth orbit Interim report	1971
19710071973	Flight report for Delta vehicle S/N 20017 Delta program mission no. 82 spacecraft - NATO-B	1971
19710071977	Investigation of earth tremors during large rocket firings Final report	1971
19710071981	Nuclear shuttle system definition study, phase 3. Volume 3 - Program support requirements. Part C - Test program analyses and SRT requirements /DRL no. MSFC-DRL-196 line item 3/ Final report, 1 May 1970 - 1 May 1971	1971
19710072007	Development of thin film heterojunction pressure transducers Final project report	1971
19710072008	Hydrostatic pressure-temperature, as environmental parameters on growth, biochemistry and physiology of microorganisms Final progress report	1971
19710072009	Antenna and propagation studies for spacecraft. Analytical model definition for the lunar surface electrical properties experiment	1971
19710072011	The effects of multipath and RFI on the tracking and data relay satellite system	1971
19710072015	Nuclear shuttle system definition study, phase 3. Volume 3 - Program support requirements. Part B - Class 3 RNS /DRL no. MSFC-DRL-196/ Final report, 1 May 1970 - 1 May 1971	1971
19710072016	Nuclear shuttle system definition study, phase 3. Volume 5 - Schedules, milestones, and networks /DRL no. MSFC-DRL-196, line item 3/ Final report, 1 May 1970 - 1 May 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072018	Nuclear shuttle systems definition study, phase 3. Volume 2 - Concept and feasibility analysis. Part A - System evaluation and capability /MSCF DRL-197, line item 3/ Final report	1971
19710072019	Nuclear shuttle systems definition study, phase 3. Volume 2 - Concept and feasibility analysis. Part B - Baseline system definition /MSCF DRL-197, line item 3/ Final report	1971
19710072020	Nuclear shuttle systems definition study, phase 3. Volume 2 - Concept and feasibility analysis. Part C - Systems engineering documentation /MSCF DRL-197, line item 3/ Final report	1971
19710072021	Nuclear shuttle systems definition study, phase 3. Volume 3 - Program support requirements /MSCF DRL-197, line item 3/ Final report	1971
19710072022	Nuclear shuttle systems definition study, phase 3. Volume 5 - Schedules, milestones, and networks /MSCF DRL-197, line item 3/ Final report	1971
19710072023	Nuclear shuttle systems definition study, phase 3. Volume 6 - Reliability and safety analysis /MSCF DRL-197, line item 3/ Final report	1971
19710072024	Nuclear shuttle systems definition study, phase 3. Volume 7 - RNS tank pressurization analysis /MSCF DRL-197, line item 3/ Final	1971
19710072025	Nuclear shuttle systems definition study, phase 3. Volume 8 - RNS test program requirements, NRDS /MSFC DRL-197, line item 3/ Final report	1971
19710072029	Postflight analysis of thermal distortions of the reentry F spacecraft	1971
19710072031	Certain comments on the method of averaging and its applications to variational equations	1971
19710072032	Evaluation of techniques for numerical representation and prediction of the longitudinal aerodynamic characteristics of supersonic fighters /U/	1971
19710072033	Reynolds number effects on the stability of a blunt-nosed flared cylinder /U/	1971
19710072037	Apollo guidance, navigation and control - Lunar ascent and abort guidance	1971
19710072038	Oxidation of aluminum during reactive evaporation coating in oxygen	1971
19710072039	Information theory and its relationships with physics and the engineering sciences	1971
19710072040	Methods of improving the efficiency of photovoltaic cells Semiannual report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710072043	Coding and the spaceborne atomic clock	1971
19710072044	A study of the electrotransport in thin films Semiannual report, 1 Sep. 1970 - 30 Apr. 1971	1971
19710072046	Future NASA requirements for biomedical engineering technology Final report	1971
19710072047	Space shuttle flight simulation study Final report	1971
19710072048	Plutonium-238 fuel availability and utilization study	1971
19710072049	A technique for measuring the intellectual load capacity of system operators	1971
19710072050	Entry flight data from Apollo 14	1971
19710072051	The dynamics of a power supply with a moderated thermionic reactor	1971
19710072052	A study of the feasibility of reducing or eliminating injector dribble volume in the SM-LM RCS engine Final report	1971
19710072056	Spin-tunnel investigation of a 1/28-scale model of the Grumman EA-6B airplane COORD no. N-AM-145	1971
19710072064	Utilization of Habrobracon and Artemia as experimental materials in bioastronautic studies Semiannual status report, Jan. - Jun. 1971	1971
19710072070	Development of high altitude plume impingement analysis for calculating heating rates, forces and moments, volume 1 Final report	1971
19710072071	Space shuttle low pressure auxiliary propulsion subsystem definition Final report, summary volume	1971
19710072072	Viking lander prototype RTG power source test report	1971
19710072075	Airborne electronically steered phased array Final report	1971
19710072076	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments. Mercury - Aspects of its ecology and environmental toxicity Semiannual report	1971
19710072077	Surface field analysis of the lifting of orbital degeneracy in atoms approaching a metallic interface, section 2	1971
19710072078	An extension of decision theory applied to the optimum use of weather forecasts	1971
19710072079	Interdisciplinary materials research program, ten-year report Summary report, 1960-1970	1971
19710072081	User's manual and description of a computer program for calculating heating rates, forces and moments acting on bodies immersed in rocket exhaust plumes, volume 2	1971
19710072082	Nuclear shuttle system definition study, phase 3. Volume 4 - Cost data. Part A - Class 1 hybrid RNS Final report	1971
19710072083	Fine line etching of gold, chrome substrates	1971
19710072084	Calculating the elastic constants of polycrystalline aggregates from the constants of the single crystal	1971
19710072085	A study of defect structure with the field ion microscope Semiannual report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710072091	Cast multisegment investigation Final report, 1 Jul. 1969 - 30 Jun. 1971	1971
19710072092	Cast segment evaluation Final report	1971
19710072093	Studies of heteroface solar cell performance Semiannual status report, 15 Oct. 1970 - 14 Apr. 1971	1971
19710072094	Airborne microwave radiometric data analysis Final report, Feb. - Apr. 1971	1971
19710072095	Nuclear shuttle system definition study, phase 3. Volume 4 - Cost data. Part b - Class 3 RNS Final report	1971
19710072096	Operational procedure for determining space vehicle response to wind turbulence. Volume 1 - Discussion Final report	1971
19710072097	Operational procedure for determining space vehicle response to wind turbulence. Volume 2 - Derivation of equations Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072098	Operational procedure for determining space vehicle response to wind turbulence. Volume 3 - Computer program user's manual Final report	1971
19710072099	Synthesis of dynamic systems using FORMA /FORTRAN matrix analysis/. Volume 2 - Programming manual	1971
19710072100	Synthesis of dynamic systems using FORMA /FORTRAN matrix analysis/. Volume 3 - Subroutine explanations	1971
19710072101	Synthesis of dynamic systems using FORMA /FORTRAN matrix analysis/. Volume 4 - Subroutine listings	1971
19710072103	High energy astronomy observatory. Volume 1 - Executive summary Final report	1971
19710072104	High energy astronomy observatory. Volume 2, part 1 - Design definition/ engineering analysis Final report	1971
19710072105	High energy astronomy observatory. Volume 2, part 2 - Design definition/ engineering analysis Final report	1971
19710072106	High energy astronomy observatory. Volume 2, appendix - Design definition/ engineering analysis Final report	1971
19710072107	High energy astronomy observatory. Volume 3 - Program requirements /plans	1971
19710072108	NASA aircraft safety and operating problems, volume 2 /U/	1971
19710072109	Background information on operating problems of high altitude supersonic cruise aircraft /U/	1971
19710072110	Altometry, performance, and propulsion problems of high altitude supersonic cruise aircraft /U/	1971
19710072111	Some handling qualities problems of high altitude supersonic cruise aircraft /U/	1971
19710072112	Materials, systems, and maintenance problems of high altitude supersonic cruise aircraft /U/	1971
19710072113	HEAO High Energy Astronomy Observatory. Volume 1 - Executive summary Final report	1971
19710072114	HEAO High Energy Astronomy Observatory. Facilities requirements document. Section 1 - Facilities utilization plan. Section 2 - Facility budgetary document	1971
19710072115	HEAO High Energy Astronomy Observatory. Volume 2 - Technical description/design definition and engineering. Section 1 - Introduction and summary, Section 2 - Experiment requirements Final report	1971
19710072116	HEAO High Energy Astronomy Observatory. Volume 2 - Technical description/design definition and engineering. Section 3 - Mission and operations analysis Section 4 - Technical design/system integration Final report	1971
19710072117	HEAO High Energy Astronomy Observatory. Volume 2 - Technical description/design definition and engineering. Section 5 - Subsystem definition Final report	1971
19710072118	HEAO High Energy Astronomy Observatory. Volume 2, appendices - Sections 1 through 5.4 Final report	1971
19710072119	HEAO High Energy Astronomy Observatory. Volume 2, appendices - Sections 5.5 through 7 Final report	1971
19710072120	HEAO High Energy Astronomy Observatory. Volume 2 - Technical description/design definition and engineering. Section 6 - reliability assessment. Section 7 - High risk and long lead items. section 8 - Cost analysis and tradeoffs data. Section 9 - Supporting research and technology	1971
19710072121	HEAO High Energy Astronomy Observatory. Volume 3A - Program management requirements Final report	1971
19710072122	HEAO High Energy Astronomy Observatory. Volume 3B - Engineering and development requirements Final report	1971
19710072123	HEAO High Energy Astronomy Observatory. Volume 3C - Preliminary test requirements/ plan Final report	1971
19710072124	HEAO High Energy Astronomy Observatory. Volume 3D - Preliminary reliability program requirements plan Final report	1971
19710072125	HEAO High Energy Astronomy Observatory. Volume 3E - Preliminary quality program requirements/plan Final report	1971
19710072126	HEAO High Energy Astronomy Observatory. Volume 3F - Operations requirement document Final report	1971
19710072127	HEAO High Energy Astronomy Observatory. Volume 3G - Preliminary manufacturing requirements/plan Final report	1971
19710072128	HEAO High Energy Astronomy Observatory. Volume 3H - Logistic support requirements document Final report	1971
19710072129	HEAO High Energy Astronomy Observatory. Volume 3I - System safety requirements document Final report	1971
19710072130	HEAO High Energy Astronomy Observatory. Volume 3L - Configuration management requirements Final report	1971
19710072147	Apollo 14 guidance, navigation and control systems performance analysis report	1971
19710072149	Antenna and propagation studies for spacecraft - Apollo 15 mission, EVCS-LM VHF coverage	1971
19710072150	Space shuttle orbiter main propulsion system - Integrated test philosophy, revision 1	1971
19710072151	Apollo cryogenic integrated systems program - User's manual	1971
19710072152	Antenna and propagation studies for spacecraft - Apollo 15 spacecraft to spacecraft VHF coverage	1971
19710072153	Antenna and propagation studies for spacecraft - Preflight analysis of the LM and CSM high gain antenna systems operation on the Apollo 15 mission	1971
19710072154	Contributions on implicit Runge-Kutta procedures	1971
19710072155	The Eole trailer	1971
19710072159	Pyrodyne Division, William Wahl Corporation, temperature mixing valve P/N 9674, MSFC DPD 20M32297 Final design report	1971
19710072161	Effects of cessation of cigarette smoking on jaw clenching frequency in humans	1971
19710072162	Jaw clenching in humans - Its measurement, and effects produced by conditions of reinforcement and extinction	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072163	Similar and selective actions of chlorpromazine, chlordiazepoxide and nicotine on shock-produced aggressive and anticipatory motor responses in the squirrel monkey	1971
19710072164	Selective actions of morphine, chlorpromazine, chlordiazepoxide, nicotine, and d-amphetamine on shock-produced aggressive and other motor responses in the squirrel monkey	1971
19710072165	Electrically steerable L-band satellite antenna Preliminary design report	1971
19710072169	The behavioral basis of action of tranquilizers	1971
19710072172	Fine sun sensor for Apollo telescope mount Final report, Apr. 1967 - Nov. 1970	1971
19710072175	Solar/vacuum test results for meteoroid technology satellite thin-film meteoroid sensors	1971
19710072178	Space shuttle system, phase B study. Part 2-1 - Technical summary Final report	1971
19710072179	Space shuttle system, phase B study. Part 2-2/B/ - Technical summary, Orbiter Final report	1971
19710072180	Space shuttle system, phase B study. Part 2-3 - Technical summary, booster Final report	1971
19710072181	Space shuttle system, phase B study. Part 2-3 - Technical summary, booster appendices Final report	1971
19710072182	Preliminary study of control operations for Meteosat in transfer orbits	1971
19710072183	Preliminary results on VLF propagation in the lower magnetosphere, obtained with the FR-1 satellite	1971
19710072186	Flight report for Delta vehicle S/N 20020, Delta program mission no. 83, spacecraft - IMP-I	1971
19710072187	Flight report for Delta vehicle S/N 20227, Delta program mission no. 84, spacecraft - ISIS-B	1971
19710072188	Guidance analysis program subroutine documentation. Project Apollo	1971
19710072189	Aerobraking the space tug from synchronous orbit into low circular earth orbit - Guidance and heating constraints on first atmospheric pass	1971
19710072191	OnBoard processor system study /partitioning/, addendum Final report	1971
19710072197	An algorithm for the computation of the gradient of a Newtonian potential expressed as a sum of spherical harmonics	1971
19710072199	Intermediary metabolism during brief and prolonged low tissue temperatures Progress report, 1 Jan. - 30 Jun. 1971	1971
19710072200	Microwave device investigations Semiannual progress report, 1 Oct. 1970 - 1 Apr. 1971	1971
19710072201	Fuel optimal landings of jet supported VTOL aircraft	1971
19710072202	OGO-F time plots and time correction program description	1971
19710072203	Digital data interface system users guide	1971
19710072204	An engineering study of onboard checkout techniques. Task 4 - Summary and recommendations Final report	1971
19710072205	Investigations into the mechanisms that control the osmolar concentration and volume of body fluid	1971
19710072208	Some effects of surface roughness on the aerodynamic characteristics of a reentry vehicle at low subsonic speeds /U/	1971
19710072209	Aerodynamic characteristics of a wingless maneuverable missile with cruciform aft tail controls at Mach numbers from 1.50 to 4.63 /U/	1971
19710072212	Thrust vectoring systems. Part 2 - 30 cm systems Final report	1971
19710072213	Delta-83, IMP-1 flash flight report	1971
19710072214	Performance assessment of spacecraft radar/tracking systems - Apollo 14 LR performance assessment	1971
19710072215	Radiant heat testing of flame resistant fabric assemblies Final summary report	1971
19710072216	Solid state Ku-band power amplifier Interim report, 21 Jan. - 30 Apr. 1971	1971
19710072218	Review of the transient degradation/ contamination of thermal coatings Final report	1971
19710072220	Space astronomy of the Steward Observatory Final technical report, 15 Jun. 1968 - 30 Jun. 1971	1971
19710072221	Corrections of satellite positions in near- real time	1971
19710072223	Probability of crew safety based on a meteoroid analysis of the OWS with meteoroid shield not deployed	1971
19710072224	Space shuttle, phase B. Volume 2 - Technical summary Book 1 - Space shuttle program definition Final report	1971
19710072225	Space shuttle, phase B. Volume 2 - Technical summary. Book 2 - Orbiter vehicle definition Final report	1971
19710072226	Space shuttle, phase B. Volume 2 - Technical summary. Book 2 - Orbiter vehicle definition Final report	1971
19710072227	Space shuttle, phase B. Volume 2 - Technical summary Book 3 - Booster vehicle definition Final report	1971
19710072228	Space shuttle, phase B. Volume 2 - Technical summary. Book 4 - Shuttle ground system definition Final report	1971
19710072229	Space shuttle, phase B. Volume 3 - Plans summary Final report	1971
19710072230	Development of space shuttle vehicle crew work load criteria for systems monitoring, volume 1 Final report	1971
19710072231	Development of space shuttle vehicle crew workload criteria for systems monitoring. Volume 2 - Appendices A thru F Final report	1971
19710072232	Development of space shuttle vehicle crew workload criteria for systems monitoring. Volume 3 - Appendix G Final report	1971
19710072233	Development of space shuttle vehicle crew work load criteria for systems monitoring. Volume 4 - Appendix H Final report	1971
19710072234	Development of space shuttle vehicle crew workload criteria for systems monitoring. Volume 5 - Appendix I Final report	1971
19710072235	Development of space shuttle vehicle crew workload criteria for systems monitoring. Volume 6 - Appendix J Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072245	Aerodynamic characteristics at Mach 2.50 to 4.63 of a cruciform missile model with delta wings and trapezoid-tail controls including effects of wing location (U)	1971
19710072247	Wind-tunnel tests of a cruciform low-aspect-ratio wing controlled missile at Mach numbers from 1.75 to 4.63 (U)	1971
19710072249	Effect of nozzle exhaust flow on the longitudinal aerodynamic characteristics of a fixed-wing, twin-jet fighter airplane model (U)	1971
19710072250	Effects of afterbody closure and sting interference on the longitudinal aerodynamic characteristics of a fixed-wing, twin-jet fighter airplane model (U)	1971
19710072251	Minutes of the Twelfth Conference of the International Committee on Aeronautical Fatigue	1971
19710072252	Review of aeronautical fatigue investigations in the Netherlands during the period April 1969 - February 1971	1971
19710072254	Review of some Swedish works on aeronautical fatigue during the period May 1969 - April 1971	1971
19710072255	Review of works on aeronautical fatigue in Belgium, 1969 - 1971	1971
19710072256	A review of the Swiss investigations on aeronautical fatigue during the period May 1969 - April 1971	1971
19710072257	Review of investigations on aeronautical fatigue in the Federal Republic of Germany, April 1969 - April 1971	1971
19710072258	Some investigations on aeronautical fatigue in France, 1969 - 1971	1971
19710072259	A review of investigations of aeronautical fatigue in Italy, 1969-1971	1971
19710072260	A review of Australian Investigations on aeronautical fatigue during the period April 1969 - March 1971	1971
19710072261	A review of research on aeronautical fatigue in the United States, 1969 - 1971	1971
19710072262	A review of current fatigue research in Canada	1971
19710072263	Recent research in aircraft structural fatigue at the Technion - Israel Institute of Technology	1971
19710072264	Technical meeting	1971
19710072265	C-5 flight controls system simulation model	1971
19710072266	Applicability of the fault isolation methods to the C-5 flight controls system	1971
19710072267	C-5 automatic flight control subsystem computer methods application analysis	1971
19710072268	Methods of improving the efficiency of photovoltaic cells	1971
19710072269	Eagle-Picher battery MAR 7007, Marshall Space Flight Center battery 40M21684	1971
19710072271	Identification and quantification of the nonthermal effects of diluent gas-oxygen atmospheres on metabolism	1971
19710072272	Research on the genetic implications of spaceflight	1971
19710072273	Research in photochemistry and enzymology of photosynthesis	1971
19710072280	Study to define a biomedical program: Biomedical research and technology implementation plan through 1975	1971
19710072281	A flocculation method for gram differentiation of bacteria without gram staining	1971
19710072282	Changes in the response of dehydrated animals to acceleration	1971
19710072283	Emergency Evaporative Coolant Garment System/Liquid-Cooled Garment (EECG/LCG), phase 3	1971
19710072284	Feasibility study for correlation interferometry application to life support gas analyses and incipient fire detection	1971
19710072286	Space biomedical applications of ferroelastic materials	1971
19710072288	Development of a coated flameproof organic fabric, part 1	1971
19710072289	STADAN feed modification	1971
19710072290	Antenna and propagation studies for spacecraft, task E-53G. Surface electrical properties experiment, analytical model	1971
19710072291	Performance assessment of spacecraft radar tracking systems: Apollo 15 LR rough terrain performance assessment	1971
19710072292	Performance assessment of spacecraft radar tracking systems, task E-34H. LM-10 landing radar	1971
19710072294	Radar and antenna studies for advanced spacecraft systems: Antenna systems performance analysis	1971
19710072295	Rendezvous Radar (RR) data analysis, Apollo15	1971
19710072296	Antenna and propagation studies for spacecraft task E-53G. Apollo 15 extravehicular communications system postflight analysis	1971
19710072297	A performance evaluation and analysis report on the IMP-G analog-to-digital conversion system	1971
19710072298	Definitive orbit determination operating system description, edition 2	1971
19710072299	Study to determine instrumentation requirements for fault isolation computer methods	1971
19710072300	Fault isolation computer method application	1971
19710072301	Working data: Computer method correlation	1971
19710072302	Space shuttle fault: Isolation signal listing	1971
19710072303	Partial sensitivity analysis: Scalar Remnant method	1971
19710072304	Review of fault isolation algorithms	1971
19710072305	An efficient intercommunications scheme for the elements of a real-time data management system	1971
19710072308	The Skylab electric power system analysis computer program (HX205A). Volume 1: User's manual	1971
19710072309	The Skylab electric power system analysis computer program (HX205A). Volume 2: Program manual	1971
19710072310	Evaluation of the real time computer model for the Skylab electrical power system distribution analysis, revision 1	1971
19710072311	Investigation of new concepts of adaptive devices	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072312	Shielded silicon gate complementary MOS integrated circuit	1971
19710072314	Space shuttle launch operations center study	1971
19710072315	Concepts for utilization of existing vehicle assembly building facilities by the space shuttle program	1971
19710072316	Feasibility study of a multipurpose electric furnace system for space experiments	1971
19710072320	Handbook for exterior electrical enclosures	1971
19710072321	Basic Measurements from a Turbulent-Heating Flight Experiment on a 5 Deg Half-Angle Cone at Mach 20 (Reentry F)	1971
19710072322	Research in aeronomy	1971
19710072323	GSFC magnetic field experiment: Explorers 34 and 41	1971
19710072325	Large space telescope: Continuation of a technology study	1971
19710072326	Sensor survey	1971
19710072327	SSV instrumentation data bank	1971
19710072328	OGO-6 neutral density measurements near 400 km by Lockheed microphone density gage	1971
19710072329	Metabolic gas analyzer	1971
19710072330	Contribution to the measurement of visual binaries using the Lallemand electronic camera	1971
19710072331	Free suspension processing systems for space manufacturing	1971
19710072332	From the practice of laser microspectral analysis	1971
19710072333	Structural and mechanical effects of interstitial sinks	1971
19710072334	Feasibility study of a stellar tracking attitude reference system	1971
19710072336	A new approach to Lambert guidance. Apollo guidance, navigation and control	1971
19710072337	Development of a strapdown electrically suspended gyro aerospace navigation system (U)	1971
19710072340	In-flight nuclear vehicle radiation environment, phase 3. Volume 1: Revised radiation environment calculations	1971
19710072343	Theoretical and experimental studies on the nature and characteristics of space related plasma resonance phenomena	1971
19710072345	Research on magnetic semiconductors	1971
19710072346	Composite reinforced propellant tanks	1971
19710072347	Hydroxyl terminated polybutadiene propellants program (U)	1971
19710072348	Hydrogen tank pressurizing gas injector	1971
19710072349	Development of advanced materials composites for use as insulations for LH2 tanks	1971
19710072351	Space shuttle high pressure auxiliary propulsion subsystem definition study. Design and sizing computer program	1971
19710072352	A Comparison of Experimental Supersonic Combustor Performance with an Empirical Correlation of Nonreactive Mixing Results (U)	1971
19710072353	Space shuttle low pressure auxiliary propulsion subsystem definition	1971
19710072354	Corona: A program for computing magnetic field lines in the quiet solar corona	1971
19710072355	Apollo 14: 30-day failure and anomaly listing report	1971
19710072356	The problem of docking with a passive orbiting object which possesses angular momentum	1971
19710072357	Investigation of technical problems related to retrieval of uncooperative orbiting objects	1971
19710072358	Calibrations and standardization of data reduction for OAO-A2 experiments	1971
19710072359	Atlas/Centaur-25, Intelsat 4 (F2) flash flight report	1971
19710072360	Jupiter turbopause probe gas physics environment and instrument response study	1971
19710072361	Applications of advanced spacecraft systems for lunar exploration in the 1980's and 1990's	1971
19710072364	An analysis of some Apollo/Saturn 5 design features applicable to the space shuttle which resulted in operational difficulties	1971
19710072365	Versatile upper stage study. Volume 2: Technical	1971
19710072366	Versatile upper stage study. Volume 1: Summary	1971
19710072367	Versatile upper stage study. Volume 3: Appendixes	1971
19710072368	Reduction of Skylab A, SL-1 ground winds wind tunnel data	1971
19710072370	Nuclear shuttle system definition study, Final Performance Review, phase 3	1971
19710072371	Nuclear shuttle system definition: Final briefing reusable nuclear stage concepts, phase 3	1971
19710072374	Planetary explorer, phase A report and bus description	1971
19710072375	Orbital elements of GEOS-1 and GEOS-2	1971
19710072376	A concept for flight testing space shuttle vehicles	1971
19710072377	Program cost and schedule estimates plan for phase C/D, parts 1 and 2	1971
19710072378	Program cost and schedule estimates plan for phase C/D, part 2	1971
19710072380	Final hardware evaluation: Apollo J-series RCS attitude control study	1971
19710072381	Flight performance evaluation report	1971
19710072382	Delta-82, NATO-B flash flight report	1971
19710072383	Delta-83 IMP-I operations summary	1971
19710072384	Space shuttle checkout philosophy	1971
19710072385	Space shuttle fault isolation instrumentation definition	1971
19710072386	Subsystem investigation priority	1971
19710072387	Apollo J-mission service module thermal mathematical model: Preliminary documentation	1971
19710072388	Feasibility of arrestment of space shuttle vehicles after landing	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710072389	Auxiliary power units and hydraulic power systems and their application to the space shuttle	1971
19710072390	An experimental study of the launch environment of a Saturn 5 booster utilizing solid propellant strap-ons	1971
19710072391	Advanced technology study for handling of cargo and expendables for space shuttle systems. Volume 1: Executive summary	1971
19710072392	Advanced technology study for handling of cargo and expendables for space shuttle systems. Volume 2: Sections 2, 3, and 4	1971
19710072393	Advanced technology study for handling of cargo and expendables for space shuttle systems. Volume 3: Sections 5 through 10	1971
19710072394	Advanced technology study for handling of cargo and expendables for space shuttle systems. Volume 4: Cargo data bank	1971
19710072395	Advanced technology study for handling of cargo and expendables for space shuttle systems. Volume 5: Appendices A through H	1971
19710072396	Advanced technology study for handling of cargo and expendables for space shuttle systems, addendum 1. Volume 6: System validation for the first ten shuttle missions	1971
19710072399	Results of AS-509 facilities and environmental sound pressure level measurements	1971
19710072400	Integrated operations/payloads/fleet analysis. Volume 4: Launch systems	1971
19710072401	TACS-SM RCS consumables program. Volume 2: User's manual	1971
19710072406	The Apollo 14 heat flow and convection demonstration experiments: Final results of data analyses	1971
19710072407	Vacuum-jacketed ducting technology investigation	1971
19710072409	Comparison of Results from Three Prediction Methods with Turbulent Heating Data from Wind-tunnel and Free-flight Tests (U)	1971
19710072410	Theoretical study of reactive fluid flow in heterogeneous combustion processes, supplement 1	1971
19710072412	Zone radiometer measurements on a model rocket exhaust plume	1971
19710072413	Investigations of rocket exhaust plume effects on Saturn boosters	1971
19710072416	Cryogenic insulation development	1971
19710072417	Study of Cost Estimation of Research and Development Programs: Summary Report	1971
19710072418	Study of Cost Estimation of Research and Development Programs	1971
19710072466	EMP effects study of M151 vehicle solid-state electronic components Final report	1971
19710072906	Space storable explosively actuated valves, Pyronetics model 1356 Monthly progress report, 11 Nov. - 31 Dec. 1970	1971
19710072908	Reactive stream separation photography Quarterly progress report, period ending 31 Dec. 1970	1971
19710072910	Shock wave and boundary layer formation and corner flow phenomena in rarefied hypersonic flow Monthly progress report, 26 Nov. - 26 Dec. 1970	1971
19710072932	Feed system instabilities Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710072962	Quarterly status report, 1 October - 31 December 1970	1971
19710073156	Analysis and evaluation of economic impact of NASA activities Quarterly progress report, 8 Oct. 1970 - 8 Jan. 1971	1971
19710073165	Properties of simple atoms and ions Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710073166	A theoretical and experimental study of the ionosphere using radio signals from earth satellites Progress report, 1 Jul. - 31 Dec. 1970	1971
19710073168	Lunar geophysical exploration planning Progress report	1971
19710073171	Translations on French nuclear, missile, space, and related military developments, no. 258	1971
19710073172	Electrophysiological studies of the nervous system Semiannual progress report	1971
19710073185	Advanced methods for nuclear reactor-gas laser coupling Technical progress report, 1 Jan. 1970 - 1 Jan. 1971	1971
19710073249	Experimental investigation of combustor effects on rocket thrust chamber performance Monthly status report for the period, 1 Jan. 1971	1971
19710073250	Solid state studies in ceramic alloys Quarterly progress report, 1 Sep. - 30 Nov. 1970	1971
19710073253	Heat pipe technology for advanced rocket thrust chambers Monthly status report	1971
19710073256	Quarterly progress report no. 2	1971
19710073257	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-31 Dec. 1970	1971
19710073262	Analyses of NASA/DoD space applications and transportation system requirements/ effective study Monthly progress report	1971
19710073264	Fluorine lubricated bearing technology Monthly report	1971
19710073265	Space storable oxidizer valve Monthly report	1971
19710073267	Translations on French nuclear, missile, space, and related military developments, no. 256	1971
19710073382	A study of structural behavior of thin films Bimonthly letter report no. 3, 1 Nov. - 31 Dec. 1970	1971
19710073395	Thermally stable burning rate accelerators /U/ Quarterly progress report, 1 Sep. - 30 Nov. 1970	1971
19710073482	Investigation of the feasibility of developing low-permeability polymeric films Quarterly technical progress report, Oct. - Dec. 1970	1971
19710073483	Study of the possible role of pollution in the prevalence of sea nettles in the Chesapeake Bay and the development of a census taking method Monthly progress report, Jan. 1971	1971
19710073494	Investigation of superconducting interactions and amorphous semiconductors Quarterly report, 1 Nov. - 31 Dec. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710073508	Research on the response of mammalian organisms to centrifugally simulated gravities and related stress environments Status report	1971
19710073510	Control power requirements of VTOL aircraft, phase 2 Quarterly status report, 1 Oct. - 31 Dec. 1970	1971
19710073512	Cycle testing of graphite filament-wound pressure vessels Monthly progress report, 26 Dec. 1970 - 25 Jan. 1971	1971
19710073519	Flutter of thermally stressed plates subjected to large deflections Informal progress report	1971
19710073546	Translations on French nuclear, missile, space, and related military developments no. 259	1971
19710073580	Status report, 1 Jul. - 31 Dec. 1969	1971
19710073587	Regeneratively cooled rocket engine for space storable propellants Monthly status report, period ending 1 Jan. 1971	1971
19710073588	Design and development of diborane shipping container Monthly status letter no. 26, 7 Dec. 1970 - 6 Jan. 1971	1971
19710073589	Stress corrosion of metal tank materials Monthly progress report, 1-30 Dec. 1970	1971
19710073612	Feed system instabilities Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710073639	Role of anions in mechanical failure Quarterly status report	1971
19710073640	A new stability analysis for error sampled neural pulse frequency modulated feedback control systems	1971
19710073642	Structural and flutter analyses Quarterly progress report, 1 Nov. 1970 - 1 Feb. 1971	1971
19710073649	Advanced techniques for determining long-term compatibility of materials with propellants Monthly letter report, 1-30 Dec. 1970	1971
19710073653	The analysis of photographs of the 7 March 1970 eclipse Progress report	1971
19710073654	A theoretical analysis of the free vibrations of ring and stringer stiffened elliptical cylinders with arbitrary end conditions Semiannual status report	1971
19710073656	Finite element shell instability analysis Progress report	1971
19710073694	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation Quarterly status report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710073778	The round-jet/plane-wall flow field Semiannual status report	1971
19710073783	Impeller clearance effects Monthly progress report, period ending 31 Dec. 1970	1971
19710073784	Reusable space shuttle vehicle thermal protection Monthly progress report, 15 Dec. 1970 - 15 Jan. 1971	1971
19710073827	Space cell test program Progress report, period ending 15 Dec. 1970	1971
19710073828	Quarterly status report, 1 November 1970 - 31 January 1971	1971
19710073997	Investigation of extendable nozzle concepts Quarterly progress report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710073999	Suppression of combustion oscillations with mechanical damping devices Monthly progress report, 1-31 Jan. 1971	1971
19710074000	Dynamics of the solar wind and its interaction with bodies in the solar system Quarterly progress report, 1 Oct. - 31 Dec. 1971	1971
19710074001	Research on fundamental control problems of turbulence penetration and guidelines for flight director and autopilot design Quarterly progress report	1971
19710074011	Long life high reliability thermal control systems study Monthly report, 31 Dec. 1970 - 31 Jan. 1971	1971
19710074012	Bipropellant shutoff valve Monthly report, 1 Jan. - 1 Feb. 1971	1971
19710074013	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-31 Jan. 1971	1971
19710074025	Space storable oxidizer valve Monthly report	1971
19710074032	Turbulent mixing of chemically reacting nonequilibrium gases according to a simplified statistical description Annual report, 1970	1971
19710074033	Reactive stream separation photography study Monthly progress report, 31 Jan. 1971	1971
19710074037	A study to assess the nature and magnitude of economic benefits of advances in meteorology Quarterly status report	1971
19710074040	Status report, 1 Jan. - 30 Jun. 1970	1971
19710074041	Effect of environment on insulation materials Monthly technical progress report, 1 - 31 Dec. 1970	1971
19710074042	Study of advanced techniques for determining the long term reliability of components Monthly progress report, 14 Dec. 1970 - 14 Jan. 1971	1971
19710074043	Transpiration and film cooling computer program Monthly status letter, Dec. 1970	1971
19710074048	Photochemistry and enzymology of photosynthesis Quarterly status report, 7 Oct. 1970 - 6 Jan. 1971	1971
19710074076	Thermodynamic effects on developed and limited cavitation Progress report, 1 Jul. - 31 Dec. 1970	1971
19710074080	Plasma kinetic theory Quarterly report	1971
19710074085	Hydrogen tank pressurizing gas injector Technical progress narrative, 1-31 Dec. 1970	1971
19710074090	Laser system of extended range Progress report, 1 Aug. - 31 Dec. 1970	1971
19710074093	Semiannual status report, July - December 1970	1971
19710074094	Space rescue operations study Monthly progress report, period ending 31 Jan. 1971	1971
19710074095	Fracture characteristics of structural aerospace alloys containing deep surface flaws Monthly progress report, 1-31 Dec. 1970	1971
19710074100	Research in the development of an improved multiplier phototube Quarterly report	1971
19710074103	Transverse instabilities of magnetically self-focusing streams in plasma Semiannual progress report	1971
19710074104	Study of low gravity propellant transfer Monthly progress report, 23 Dec. 1970 - 22 Jan. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074109	Fluid dynamic and heat transfer problems of modern air breathing propulsive system Quarterly status report, 1 Oct. - 31 Dec. 1970	1971
19710074119	Quarterly status report, 1 November 1970 - 31 January 1971	1971
19710074128	Boundary cooled rocket engines for space storable propellants Monthly status report, period ending 1 Feb. 1971	1971
19710074129	Effect of environment on insulation materials Monthly technical progress report, 1-31 Jan. 1971	1971
19710074131	Thin polymer insulator for Josephson tunneling applications Semiannual report, 1 Aug. 1970 - 31 Jan. 1971	1971
19710074134	Development of solar wind shock models with tensor plasma pressure for data analysis Semiannual status report, 1 Aug. 1970 - 31 Jan. 1971	1971
19710074136	Multidisciplinary research leading to utilization of extraterrestrial resources Quarterly status report, 1 Oct. 1970 - 1 Jan. 1971	1971
19710074137	Feed system instabilities Monthly progress report, 1-31 Jan. 1971	1971
19710074138	Space vehicle integrated thermal protection/structural/meteoroid protection system Monthly progress report, 15 Dec. 1970 - 15 Jan. 1971	1971
19710074139	Supersonic jet exhaust noise Monthly progress report, 26 Dec. 1970 - 26 Jan. 1971	1971
19710074178	Investigation of advanced thrust chamber designs Monthly progress report, Jan. 1971	1971
19710074194	Suppression of combustion oscillations with mechanical damping devices Quarterly progress report	1971
19710074217	Hydrogen-oxygen catalytic ignition and thruster investigation Monthly progress report, 26 Dec. 1970 - 22 Jan. 1971	1971
19710074223	Airborne MTI techniques for foliage penetration /U/ Quarterly progress report, 1 Jul. - 30 Sep. 1970	1971
19710074226	Development and test of a highly energetic AlH ₃ difluoramino propellant /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710074242	Fiber glass supports for cryogenic tanks Monthly progress report, period ending 31 Jan. 1971	1971
19710074264	NASA space cell test program Monthly progress report	1971
19710074281	Investigation and study of transient heat transfer Progress report no. 67, Jan. 1971	1971
19710074291	Boundary cooled rocket engines for space storable propellants Quarterly report, period ending 1 Jan. 1971	1971
19710074310	Hydrogen film/conductive cooling Quarterly technical progress narrative, 28 Sep. 1970 - 3 Jan. 1971	1971
19710074341	Fundamental ignition study for material fire safety improvements Monthly status report, 1-31 Dec. 1970	1971
19710074342	Fundamental ignition study for material fire safety improvements Monthly status report, 1-31 Oct. 1970	1971
19710074343	Fundamental ignition study for material fire safety improvements Monthly status report, 1-30 Nov. 1970	1971
19710074344	Index of specifications and publications generated and utilized by Manned Spacecraft Center, Houston, Texas	1971
19710074345	Analyses of NASA/DOD space applications and transportation system requirements - Effectivity study Monthly letter progress report, Jan. 1971	1971
19710074346	Study and determination of an optimum design for space utilized lithium doped solar cells Sixth quarterly report	1971
19710074349	Experimental investigation of combustor effects on rocket thrust chamber performance Quarterly report, period ending 1 Feb. 1971	1971
19710074352	Semiannual status report, 15 June - 15 December 1970	1971
19710074437	A 30,000 rpm vane-pump demonstration Interim technical report, 1 Oct. - 31 Dec. 1970	1971
19710074477	Incremental stretch forming Interim technical report, 1 Jul. - 30 Sep. 1970	1971
19710074489	Low body negative pressure vacuum regulator Final report	1971
19710074490	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Dec. 1970 - 19 Jan. 1971	1971
19710074491	Translations on French nuclear, missile, space, and related military developments, no. 260	1971
19710074492	Translations on French nuclear, missile, space, and related military developments, no. 257	1971
19710074494	Status report, June - December 1970	1971
19710074497	Semiannual status report, 1 April - 30 September 1970	1971
19710074498	Plasma and space physics Progress report, 1 Feb. 1970 - 31 Jan. 1971	1971
19710074541	Progress report, 1 June - 30 November 1970	1971
19710074572	LMFBR fuel cycle studies Progress report, Nov. 1970	1971
19710074622	GENSAM programming manual, cantilever beam practice problem, 3-D analysis practice problem	1971
19710074711	The role of stabilized gas nuclei in hydrodynamic cavitation inception	1971
19710074744	Hydrogen-oxygen catalytic ignition and thruster investigation Quarterly progress report, 26 Sep. - 25 Dec. 1970	1971
19710074745	Development of a position sensitive X-ray detector for use in a light weight X-ray diffractometer Quarterly report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710074748	Status report, 1 February 1970 - 31 January 1971	1971
19710074756	Response of building structures to environmental noise of seismic, acoustic, and aerodynamic origin Semiannual status report	1971
19710074758	Advanced techniques for determining long-term compatibility of materials with propellants Monthly letter report, Feb. 1971	1971
19710074770	The desirability and feasibility of a critical opalescence experiment in zero gravity Final report	1971
19710074781	Quarterly technical summary report, October - December 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710074787	The development and application of mass spectrometers to studies of the earth's upper atmosphere Status report, 1 Jul. - 31 Dec. 1970	1971
19710074788	Semiannual report, 1 June - 30 November 1970	1971
19710074789	Translations on French nuclear, missile, space, and related military developments, no. 265	1971
19710074790	Translations on French nuclear, missile, space, and related military developments, no. 264	1971
19710074806	Advanced techniques for determining long-term compatibility of materials with propellants Quarterly report, Jan. 1971	1971
19710074854	BQM-34A launch system remote control console	1971
19710074863	Incident power monitor	1971
19710074865	Heat pipe technology for advanced rocket thrust chambers Informal monthly status letter, Jan. 1971	1971
19710074866	Metal tank fracture and design criteria Monthly progress report, Jan. 1971	1971
19710074867	Space storable explosively actuated valves, Pyronetics model 1356 Monthly progress report, 1 Jan. - 1 Feb. 1971	1971
19710074868	Solar phenomena study Quarterly progress report	1971
19710074869	Space vehicle integrated thermal protection/ structural/meteoroid protection system Monthly progress report, 15 Jan. - 15 Feb. 1971	1971
19710074877	Cryogenic filament-wound tank evaluation Monthly progress report, 22 Dec. 1970 - 22 Jan. 1971	1971
19710074878	Research at the Stanford center for radar astronomy Semiannual status report, 1 Jul. - 31 Dec. 1970	1971
19710074879	Investigation of boundary layer transition Progress report, 1 Oct. - 31 Dec. 1970	1971
19710074880	Quarterly report, period ending 31 January 1971	1971
19710074881	Reusable space shuttle vehicle thermal protection Monthly progress report, period ending 15 Feb. 1971	1971
19710074899	Investigation of instabilities in atmospheric flow systems associated with clear air turbulence Quarterly progress report, 16 Nov. 1970 - 15 Feb. 1971	1971
19710074901	Investigation of the Highpoint /PCH 1/ gas turbine throttle control system	1971
19710074910	Translations on French nuclear, missile, space, and related military developments, no. 262	1971
19710074916	Quarterly report no. 14	1971
19710074917	Modern methodology of designing target reliability into mechanical components Semiannual status report, 1 Aug. 1970 - 31 Jan. 1971	1971
19710074930	The QPAP propulsion simulation module	1971
19710074934	Regeneratively cooled rocket engine for space storable propellants Quarterly progress report ending 1 Feb. 1971	1971
19710074936	Study of advanced techniques for determining the long term reliability of components Quarterly progress report, 14 Nov. 1970 - 14 Feb. 1971	1971
19710074937	Thermal skin /registered/ fabrication technology program Monthly report	1971
19710074940	Investigation of the basic foundation of masers and lasers Semiannual status report, 1 Jul. - 31 Dec. 1970	1971
19710074941	Cycle testing of cryogenic expulsion bellows, transmittal of data Monthly progress report, Jan. 1971	1971
19710074954	Fracture characteristics of structural aerospace alloys containing deep surface flaws Monthly progress report, 1-31 Jan. 1971	1971
19710074955	Ignition system for space shuttle auxiliary propulsion system Monthly technical progress narrative, 4-31 Jan. 1971	1971
19710074960	Development of lithium diffused radiation resistant solar cells Quarterly report	1971
19710074969	Translations on french nuclear, missile, space, and related military developments no. 267	1971
19710074973	Translations on French nuclear, missile, space, and related military developments, no. 263	1971
19710074978	Theoretical and experimental studies of high altitude chemical releases, using digital computing, photo-chemical and spectrophotographic analyses Semiannual status report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710074979	Interaction of gases at low pressures with composite materials Semiannual report	1971
19710074980	Convolutional coding techniques for data protection Quarterly progress report, 16 Nov. 1970 - 15 Feb. 1971	1971
19710074981	Chemical reactions in the electron volt region Progress report, 1 Sep. 1970 - 1 Mar. 1971	1971
19710074985	Reactive stream separation photography study Monthly progress report, 1-28 Feb. 1971	1971
19710074986	Optimization of life support systems and their systems reliability Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710074990	Design and development of diborane shipping container Quarterly letter, 7 Nov. 1970 - 6 Feb. 1971	1971
19710074996	Translations on French nuclear, missile, space, and related military developments, no. 266	1971
19710075003	Vibration population distribution in expanding flows Quarterly report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710075009	Extraterrestrial life detection by enzymatically induced exchange of O 18 Quarterly report, 1 Dec. 1970 - 15 Feb. 1971	1971
19710075014	Theoretical and experimental investigation of the physics of crystalline surfaces Annual report, 1 Feb. 1970 - 31 Jan. 1971	1971
19710075015	Space shuttle auxiliary propulsion /APS/ valves Monthly technical progress narrative no. 4	1971
19710075024	Research on cavitating pump instabilities Monthly progress report, Feb. 1971	1971
19710075025	Cycle testing of graphite filament wound pressure vessels Monthly progress report, 26 Jan. - 25 Feb. 1971	1971
19710075028	Hydrogen tank pressurizing gas injector Technical progress narrative, 1-31 Jan. 1971	1971
19710075030	Research on cavitating pump instabilities Monthly progress report, 1-31 Jan. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075033	Bipropellant shutoff valve Monthly report, 1 Feb. - 1 Mar. 1971	1971
19710075037	Development of design data for graphite reinforced epoxy and polyimide composites Monthly progress report, 1-28 Feb. 1971	1971
19710075038	Investigation of the feasibility of developing low-permeability polymeric films Monthly technical progress report	1971
19710075040	Transpiration and Film Cooling Computer Program Monthly Status Letter, Jan. 1971	1971
19710075041	Experimental and theoretical investigation of plasma radiation Semiannual status report, Aug. 1970 - Feb. 1971	1971
19710075042	Semiconductor submillimeter wave devices Status report, 1 Jun. - 30 Nov. 1970	1971
19710075043	Effect of alloying on the gamma-gamma prime relations in nickel-base super alloys Progress report	1971
19710075044	Payload effects analysis study Monthly progress report	1971
19710075045	Hydrogen film/conductive cooling Monthly technical progress narrative, 4-31 Jan. 1971	1971
19710075069	Analysis and synthesis of manual control systems Progress report, 1 Jul. - 31 Dec. 1970	1971
19710075090	Space shuttle auxiliary propulsion /APS/ valves Monthly technical progress narrative no. 5	1971
19710075094	Analyses of NASA/DOD space applications and transportation system requirements - Effectivity study Monthly progress report, Feb. 1971	1971
19710075096	Binder model system to be used for the determination of prepolymer functionality Quarterly report, 19 Nov. 1970 - 19 Feb. 1971	1971
19710075097	Ignition system for space shuttle auxiliary propulsion system Monthly technical narrative, 1-28 Feb. 1971	1971
19710075098	Quarterly status report, 16 November 1970 - 15 February 1971	1971
19710075099	Development of high temperature materials for solid propellant rocket nozzle applications Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710075100	Study of the possible roll of pollution in the prevalence of sea nettles in the Chesapeake Bay and the development of a census taking method Monthly progress report	1971
19710075101	Investigation of cryogenic rupture disc design Monthly progress report, 31 Jan. - 28 Feb. 1971	1971
19710075102	Hydrogen-oxygen catalytic ignition and thruster investigation Monthly progress report, 23 Jan. - 19 Feb. 1971	1971
19710075106	Research program to extend cascade data to liquids and higher inlet angles Monthly progress report, 1-28 Feb. 1971	1971
19710075112	Effect of environment on insulation materials Monthly technical progress report, 1-28 Feb. 1971	1971
19710075113	Heat pipe technology for advanced rocket thrust chambers Informal monthly status letter, 1-28 Feb. 1971	1971
19710075114	Hydrogen-oxygen APS engines Monthly technical progress narrative, Jan. 1971	1971
19710075117	Regeneratively cooled rocket engine for space storable propellants Monthly status report, period ending 1 Mar. 1971	1971
19710075118	Stress corrosion of metal tank materials Monthly progress report, 1-31 Jan. 1971	1971
19710075123	Quarterly status report, 1 November 1970 - 1 February 1971	1971
19710075124	The structure and circulation of the lower Martian troposphere Semiannual status report, 1 Aug. 1970 - 31 Jan. 1971	1971
19710075135	Cryogenic filament-wound tank evaluation Monthly progress report, 1 Feb. - 1 Mar. 1971	1971
19710075139	Suppression of combustion oscillations with mechanical damping devices Monthly progress report, 1-28 Feb. 1971	1971
19710075140	Regeneratively cooled graphite-lined thrust chamber Monthly report, 1-28 Feb. 1971	1971
19710075141	Hydrogen film/conductive cooling Monthly technical progress narrative, 1-28 Feb. 1971	1971
19710075143	Shock wave and boundary layer formation and corner flow phenomena in rarefied hypersonic flow Monthly progress report, 26 Jan. - 26 Feb. 1971	1971
19710075145	Structural analysis of regeneratively cooled AGCARB graphite-lined thrust chamber	1971
19710075164	Manned space flight network study program Quarterly progress report, Jul. - Sep. 1970	1971
19710075167	Development of a coloured smoke charge for use in aircraft launched practice bombs	1971
19710075268	Technical evaluation of interference blankers MX-8757/UPX and MX-8758/UPX defruiters Final report	1971
19710075270	Review of recent developments - Mechanical properties of metals	1971
19710075272	Accelerated service test and evaluation of the North American Rockwell OV-10A aircraft propulsion system Interim report	1971
19710075285	Exploratory development program, fiscal year 1971 Quarterly progress report	1971
19710075287	F-14 aircraft aircrew escape system, operational aeromedical and human factors, monitoring of maintainability and engineering evaluation and systems development Interim report	1971
19710075288	Review of recent developments - Nickel-base and cobalt-base alloy	1971
19710075290	Operation of the Tonto Forest Seismological Observatory Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710075314	Integrated circuit process development Final report, 13 Oct. 1969 - 12 Oct. 1970	1971
19710075345	DFVLR/AEDC cooperative thermal test Final report, 10 Oct. 1969 - 7 Aug. 1970	1971
19710075360	A 100-watt PEP insulated-gate field-effect transistor for operation from a 28-volt supply Interim engineering report, 21 Jun. - 21 Sep. 1970	1971
19710075366	High power wideband UHF integrated circuits Final report, 1 May 1969 - 30 Apr. 1970	1971
19710075372	Sampling tests of eight, lead acid aircraft batteries manufactured by Gill Electric Division	1971
19710075392	Steady-state and transient aerodynamic characteristics including support-interference effects for a cylindrical Magnus rotor at Mach numbers from 0.2 to 1.3 Final report, 9 Apr. - 14 Sep. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075396	Cloud base height measuring device Final technical report, Mar. 1969 - Jun. 1970	1971
19710075412	Integrated circuit - Logic gate quad 2 input	1971
19710075431	Mathematical modeling of aircraft antennas and supporting structures Final report	1971
19710075432	Semi-automated NDT for jet engine blade inspection Interim technical report, 1 Oct. - 31 Dec. 1970	1971
19710075464	Manufacturing methods for production of hollow ball bearings for use in gas turbine engines Interim engineering progress report, 1 Oct. - 31 Dec. 1970	1971
19710075465	Intermetallic compounds of extreme stability Annual report, 15 Nov. 1969 - 15 Nov. 1970	1971
19710075491	Adaptation of the convex draw die to the production of aircraft engine rings Interim engineering progress report, 15 Oct. 1970 - 15 Jan. 1971	1971
19710075514	Production techniques for extruding and drawing beta 3 titanium alloy shapes Interim engineering report, 1 Oct. - 31 Dec. 1970	1971
19710075519	Technical evaluation of central IFF system AN/UPX-24/XN/-1 Final report	1971
19710075520	Weapon system 133 B. Mark 1A penetration aids system. Minuteman 2 high buzz ground test program Final report, Jul. 1970 - Jan. 1971	1971
19710075524	Characterization of thickened aluminum alkyl fuels. 2 - Steady state flow properties of concentrated solutions of polyisobutylene in triethylaluminum Technical report, Jul. 1965 - Feb. 1969	1971
19710075530	Fundamental studies of semiconductor heteroepitaxy Semiannual report	1971
19710075531	A procedure for evaluating air quality monitoring instruments, Joliet Army Ammunition Plant, Joliet, Illinois	1971
19710075543	Environmental sensitivity of structural metals - Liquid metal embrittlement Semiannual technical progress report, 25 Jun. - 31 Dec. 1970	1971
19710075554	Technical evaluation of electronic gate TD-937/SPX Final report	1971
19710075557	Two-phase oxygen inducers Monthly progress report	1971
19710075558	Theoretical research on plasma turbulence involving binary particle collisions and effects Quarterly progress report, 16 Dec. 1970 - 15 Mar. 1971	1971
19710075562	Incremental stretch forming Interim technical report, 1 Oct. - 31 Dec. 1970	1971
19710075565	On array logic and phase-shifter driver Quarterly report, 1 Jul. - 30 Sep. 1970	1971
19710075567	Flexible rolled-up solar array Quarterly technical report, 28 Sep. - 27 Dec. 1970	1971
19710075568	Technical evaluation of IFF antenna AS-2188 Final report	1971
19710075596	All-digital Vocoder techniques Final technical report, 1 Feb. 1969 - 1 Aug. 1970	1971
19710075598	Review of recent developments. Powder metallurgy	1971
19710075612	Boundary cooled rocket engines for space storable propellants Monthly report, 1 Mar. 1971	1971
19710075613	Experimental investigation of combustor effects on rocket thrust chamber performance Monthly status letter, period ending 1 Mar. 1971	1971
19710075616	Effective tooling designs for production of precision forgings Interim engineering progress report, 1 Aug. - 31 Dec. 1970	1971
19710075617	Study of spurious signal generation in microwave tubes, phase 2 Quarterly report, 5 Sep. - 4 Dec. 1970	1971
19710075625	Manufacturing technology for materials, designs and fabrication of extrusion dies for hot extruding of steel and titanium structural sections Interim engineering progress report, 1 Oct. - 31 Dec. 1970	1971
19710075645	Diffusion bonded titanium alloy hollow fan-disk Interim technical report, 1 Oct. - 31 Dec. 1970	1971
19710075664	Silicon on sapphire transistor development Final report, 10 Nov. 1969 - 9 Nov. 1970	1971
19710075666	Payload effects analysis study Monthly progress report, 1-31 Dec. 1970	1971
19710075669	Establishment of Saturn transonic buffet environment and reduction of high angle of attack pressure data Final report, 28 Jan. 1970 - 28 Jan. 1971	1971
19710075674	Navy long wave propagation center. TACAMO performance predictions in the Atlantic and Mediterranean for January /U/ Final report	1971
19710075684	Aircraft structural fatigue life program /U/ Quarterly report	1971
19710075689	Fire and Forget Concept Study. Volume 1 - Technical /U/ Final report, 1 Jul. - 31 Dec. 1970	1971
19710075690	Fire and Forget Concept Study. Volume 2 - Component and technique studies /U/ Final report, 1 Jul. - 31 Dec. 1970	1971
19710075691	Fire and Forget Concept Study. Volume 3 - Appendices /U/ Final report, 1 Jul. - 31 Dec. 1970	1971
19710075723	Space storable explosively actuated valves - Pyrothermics model 1356 Monthly progress report, 2 Feb. - 2 Mar. 1971	1971
19710075729	Review of recent developments - Titanium and titanium alloys	1971
19710075730	Low noise gyro feasibility evaluation Final report, Jul. - Nov. 1970	1971
19710075732	Dual mode seeker design study follow on fabrication and evaluation of dual mode seeker optics configuration Final report	1971
19710075737	Optical diode improvement program Final technical report, 18 Feb. - 18 Oct. 1970	1971
19710075740	Deployment of the Athena H heat shield/ fairing at simulated separation conditions Final report, 5 Jun. - 6 Jul. 1970	1971
19710075743	Semiannual report, 1 July - 31 December 1970	1971
19710075757	Theoretical and experimental studies in ultraviolet solar physics Semiannual status report, 1 Aug. 1970 - 31 Jan. 1971	1971
19710075761	Analysis and synthesis of distributed lumped active networks by digital computer Semiannual report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710075762	AFML materials ablation tests in the AEDC 5-MW facility. Series 2 Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710075764	Measurement of gravitational anomalies on the back side of the moon using an auxiliary satellite	1971
19710075766	Scientific benefits of a pre-traverse stand-up EVA /SEVA/ at Hadley-Apennine	1971
19710075769	Impeller clearance effects Monthly progress report, period ending 28 Feb. 1971	1971
19710075770	Property determination of sprayed coatings Monthly technical progress report, Feb. 1971	1971
19710075771	Modular space station project mass properties document	1971
19710075772	Study of advanced techniques for determining the long term reliability of components Monthly progress report, 14 Feb. - 14 Mar. 1971	1971
19710075773	Reusable space shuttle vehicle thermal protection Monthly progress report, Mar. 1971	1971
19710075782	Flow-field characteristics and aerodynamic loads on external stores near the fuselage and wing pylon positions of a swept-wing/ fuselage model at Mach numbers of 0.25, 0.40, and 0.70 phase 2 Final report	1971
19710075783	Aerodynamic characteristics of several flexible decelerators at Mach numbers from 1.8 to 2.5 Final report	1971
19710075785	Manufacturing methods for mercury doped germanium infrared detector arrays Interim report, 1 Sep. - 30 Nov. 1970	1971
19710075786	Metallic positive expulsion bellows for cryogenic propellants Quarterly progress report, period ending 26 Feb. 1971	1971
19710075802	Theoretical and experimental investigations of collective microwave phenomena in solids Quarterly status report, 1 Oct. - 31 Dec. 1970	1971
19710075805	Establishment of a manufacturing process for infrared glass windows Interim engineering progress report, 1 Oct. - 31 Dec. 1970	1971
19710075817	Solid state studies in ceramic alloys Quarterly progress report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710075818	Cycle testing of graphite filament-wound pressure vessels Quarterly technical progress narrative no. 7, 26 Dec. 1970 - 25 Mar. 1971	1971
19710075827	Cycle testing of cryogenic expulsion bellows Monthly technical progress narrative no. 21, Feb. 1971	1971
19710075884	Thermal Skin fabrication technology program Monthly report, 1-28 Feb. 1971	1971
19710075886	Research at the Stanford Center for Radar Astronomy Semiannual status report, 1 Jul. - 31 Dec. 1970	1971
19710075890	Research and development of high-density, high- energy castable explosives /U/ Quarterly technical progress report, Oct. - Dec. 1970	1971
19710075905	Effect of speed on visual target acquisition and attack conversion /U/ Final report	1971
19710075937	Apollo J mission class service propulsion system preflight performance report	1971
19710075938	Apollo J mission class ascent propulsion system preflight performance report	1971
19710075939	Apollo J mission class descent propulsion system preflight performance report	1971
19710075941	Demonstration planning and progress report for the F-14A aircraft /U/	1971
19710075951	Systems component electromagnetic compatibility Quarterly report, 1 Jun. - 31 Aug. 1970	1971
19710075956	Research and development test of Southeast Asia multisensor armament system for Huey Cobra /SMASH/	1971
19710075961	Space cell test program Progress report	1971
19710075965	Special testing for pulse generator SG-816/U Final report	1971
19710075968	CQM-10A /BOMARC/ target users manual	1971
19710075973	Thermodynamic properties of solid alloys Technical progress report, 1 Apr. 1970 - 31 Mar. 1971	1971
19710075974	Tentative design guide for calculation procedures	1971
19710075983	Behavior of neodymium-glass laser amplifiers Technical report, Jun. 1969 - Feb. 1970	1971
19710075993	Beryllium wire-metal matrix composites program Final report, 1 Jan. 1970 - 31 Jan. 1971	1971
19710076009	Laser holography study Final report, Apr. 1969 - Jun. 1970	1971
19710076014	Electrolytic ignition system for a millipound thruster, phase 1 Special report, 15 Jul. - 31 Dec. 1970	1971
19710076019	Reliability verification test for transformer, power part no. 2760482-1	1971
19710076033	Summary of beryllium research and development programs	1971
19710076036	Titanium base alloys 6Al-4V. Processes and properties handbook	1971
19710076041	Behavior of nozzles and acoustic liners in three dimensional acoustic fields Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710076042	Center for the study of environment - Research and education in management of large-scale technical programs Semiannual progress report, 31 Dec. 1970	1971
19710076043	Fluid dynamic aspects of cardiovascular behavior during vibration Quarterly progress report	1971
19710076045	High altitude radiation measurements Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710076046	The solar atmosphere and the structure of active regions Quarterly status report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710076047	Rocket probes for the upper F-region Final report	1971
19710076062	Fast burning rate/high slope propellant technology program /U/ Quarterly progress report, 1 Aug. - 31 Oct. 1970	1971
19710076080	Production engineering measure for solid state avalanche photodetectors Quarterly progress report, 30 Jun. - 30 Sep. 1970	1971
19710076089	SIMCE users manual, volume 3	1971
19710076090	The QKS1267 refinement program Quarterly development report no. 5, 1 Jul. - 30 Sep. 1970	1971
19710076092	Monitoring of F-14 aircraft aircrew escape system, operational aeromedical and human factors, maintainability and engineering evaluation and systems development Interim report	1971
19710076117	S-2G modification program Interim engineering report no. 1, 5 Oct. - 31 Dec. 1970	1971
19710076119	Titanium powder metallurgy forging. Interim engineering progress report, 1 Aug. 1970 - 15 Jan. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076135	Ion implanted transistor development Final report, 4 Sep. 1969 - 30 Oct. 1970	1971
19710076140	Manufacturing methods for bipolar micromosaic large scale integrated circuits Interim engineering progress reports, 1 Aug. - 31 Jan. 1971	1971
19710076164	Photomultiplier tube for efficient infrared detection Quarterly progress report, 22 Jun. - 21 Sep. 1970	1971
19710076175	NASA quarterly status report no. 11, 31 January 1971	1971
19710076176	Research on spacecraft electrical power conversion Status report, period ending 31 Jan. 1971	1971
19710076178	Performance evaluation capabilities for the design of physical systems Quarterly progress report, 1 Dec. 1970 - 1 Mar. 1971	1971
19710076179	Technical evaluation of Coder Synchronizer SN-433 XN-1/UPX Final report	1971
19710076181	T-58 engine. 1970 component improvement programs Final engineering report, 1 Jan. - 31 Dec. 1970	1971
19710076186	Investigation of laminated structures for radio frequency applications Interim technical report, 10 Feb. - 10 Sep. 1970	1971
19710076190	Epitaxial growth and characterization of GaAs on spinel Interim report, 1 May - 30 Oct. 1970	1971
19710076210	Trip report - Apollo 15 data priority meeting at MSC	1971
19710076211	Dogleg maneuvers for improved visibility during Apollo descent	1971
19710076213	Correction to memorandum for file - Earth orbit payload capabilities of the Saturn 1B and CSM for altitudes up to 1000 nm and inclinations up to 100 deg	1971
19710076214	S-IC/S-2 launch vehicle capability for altitudes between 175 and 275 nm and inclinations between 30 deg and 90 deg	1971
19710076242	Downed airman chaff marker Final report, 10-19 Nov. 1970	1971
19710076243	TF41-A-1 and -2 component improvement program Technical report, 1 Oct. - 31 Dec. 1970	1971
19710076289	Radio frequency isolators Quarterly progress report, 1 Apr. - 30 Sep. 1970	1971
19710076291	Design of a 4 bit X-band phase shifter Interim technical report	1971
19710076292	Mass-spectrometric studies of graphite vaporization at high temperatures Quarterly technical management report no. 8, 1 Oct. - 31 Dec. 1970	1971
19710076293	Production engineering measure solid encapsulated semiconductor devices Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710076305	Real time reseau correction programs Final technical report, Oct. 1969 - Oct. 1970	1971
19710076318	Application of the Galerkin method in the design of stable liquid rocket motors Semiannual report, 1 Aug. 1970 - 31 Jan. 1971	1971
19710076327	The geometry of Hadley Rille and its relationship to the Apollo 15 EVA	1971
19710076333	Translations on French nuclear, missile, space, and related military developments, no. 268	1971
19710076334	Airborne sampling and analysis of particulates from the Dial Pack event Final report	1971
19710076337	Implications of convection within the moon Semiannual status report, 1 Mar. 1971	1971
19710076340	Lead acid aircraft batteries manufactured by Gill Electric Division	1971
19710076341	Effect of simulated deep sea exposure on the properties of glass reinforced, filament wound plastic laminates fabricated with Union Carbide ERLA 4305 and ERLA 4617 epoxy resins	1971
19710076345	LAMPS /Light Airborne Multi-Purpose System/ support and monitor, /D/V 98 LAMPS phase C /ASMD// Interim report	1971
19710076356	Comparative evaluation of the maintainability features of the F-4C and F-5A aircraft, volume 1	1971
19710076362	Li-CI2 battery power source Final technical report, 15 Jan. 1968 - 31 Dec. 1970	1971
19710076391	SIMCE users manual, volume 1	1971
19710076397	Characterization of ATJ-S and AXF graphites for investigation of graphite response to severe reentry	1971
19710076403	Locating the lost Athena rocket in Mexico by ARMS and subsequent soil analysis	1971
19710076438	Continuous-wave stimulated emission in flowing carbon disulfide-oxygen mixtures	1971
19710076442	Parameters affecting soiling and cleaning of aircraft surfaces Final report, 22 Dec. 1969 - 21 Dec. 1970	1971
19710076443	Integrated research on carbon composite materials, Part 5, volume 3 - Structural component development Summary technical report, Jul. 1969 - Sep. 1970	1971
19710076449	Geometric checking and testing methods for precision coordinatographs	1971
19710076451	Investigations of a high power CO2-N2-He electrical discharge mixing laser Technical report, Aug. 1968 - May 1970	1971
19710076453	On the accuracy of the North American gravimeter	1971
19710076455	Performance of the Thiokol TE-M-364-11 motor tested in the spin mode at simulated altitude conditions development, phase 1 Final report	1971
19710076471	Sensitivity analysis of the DELFIC particle activity module	1971
19710076472	Development of a 50,000 lb capacity recovery system. Phase 2 - Performance evaluation of a 50,000 lb capacity parachute release Final report	1971
19710076479	Research and development of low-light-level near IR camera tube with solid-state-array target Quarterly progress report, 1 Aug. - 31 Oct. 1970	1971
19710076487	Ablation testing in hot and cold coaxial jets. Phase 2 - Initial arc-heater feasibility tests Final report, Nov. 1969 - Jul. 1970	1971
19710076488	Wind tunnel calibration test for angle of attack and sideslip vanes of a full scale flight path accelerometer at Mach numbers from 0.2 to 1.3 Final report	1971
19710076503	UHF MOS integrated circuits Quarterly report, 1 Apr. - 30 Jun. 1970	1971
19710076504	The study of energy levels in foil excited atomic beams Annual status report, 1 Feb. 1970 - 31 Jan. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076506	Calculus of variations and mathematical theory of optimal control Semiannual progress report, 15 Sep. 1970 - 15 Mar. 1971	1971
19710076507	Quarterly status report, 1 August - 31 October 1970	1971
19710076508	Mechanisms for the effect of electric and magnetic fields on biological systems Semiannual status report, Sep. 1970 - Mar. 1971	1971
19710076509	AGS flight program FP-8 /Apollo 15/ independent verification	1971
19710076524	Program Overview, MART program activities. Appendix A - Typical computer aided design for SQS-23 type element	1971
19710076525	Measurement of debris pressures in hypervelocity impact experiments Technical report, 18 Mar. 1969 - 15 May 1970	1971
19710076526	Wake properties behind an ejection seat escape system and aerodynamic characteristics with stabilization parachutes at Mach numbers from 0.6 to 1.5 Final report	1971
19710076534	Coplanar Gunn effect devices Final report, 1 Apr. 1969 - 31 Oct. 1970	1971
19710076538	Nike-Cajun NASA 10.277 NA /20 March 1970/ Meteorological data report	1971
19710076539	Development of an integrated cryogenic pumping system for rocket plume studies Final report, Jul. 1969 - Jun. 1970	1971
19710076543	Manufacturing methods program for a 25-watt power amplifier module /225 to 400 MHz/ Interim report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710076544	Multibeam cathode ray tube development Final technical report, 1 Dec. 1969 - 1 Jan. 1971	1971
19710076545	Master executive control system analysis design study. Volume 2 - Appendixes Final report, 9 Jun. - 9 Dec. 1970	1971
19710076554	Development of LP wave discrimination capability using LP strain instruments Quarterly report, 1 Oct. - 30 Dec. 1970	1971
19710076556	Dependence of heat flux /radiative plus convective/ from burning flame agents on the angle from the flame symmetry axis	1971
19710076559	A comparison of linear bases for pulsed signals	1971
19710076560	Determination of physical and chemical structure of new high-temperature polymers, part 2 Final report, Sep. 1969 - Oct. 1970	1971
19710076566	Experimental rotor unbalance response using gas lubrication Technical report, Dec. 1968 - Apr. 1970	1971
19710076567	Multi-chip integrated circuit package Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710076570	Opto/Graphics, Incorporated Chroma professional printing system Final report	1971
19710076571	Comparative evaluation of the maintainability features of the F-4C and F-5A aircraft, volume 2	1971
19710076572	Development of a zero-G gauging system. Phase 1A - Evaluation of CdTe detectors Technical report, 1 Nov. - 18 Dec. 1970	1971
19710076577	FREM sensor technique Final report, Feb. 1968 - May 1970	1971
19710076581	Performance testing of the Naval Research Laboratory infrared telescope in a low background irradiance space simulation chamber Final report, 1-24 Sep. 1970	1971
19710076583	Terrain Following Radar Instrumentation System /TFRIS/ Final report, Nov. 1969 - Jan. 1971	1971
19710076587	Active integrated antenna Final report, Feb. 1970 - Jan. 1971	1971
19710076588	AFFTC systems effectiveness data system computer programs Final report	1971
19710076589	Satellite data analysis to investigate the horizontal density gradients in the lower ionosphere Quarterly technical report	1971
19710076591	Graphite fiber composites for deep ocean ordnance Quarterly progress report, 1 Oct. 1970 - 1 Jan. 1971	1971
19710076596	Measurements with a Norgaard gravimeter in northeastern Poland	1971
19710076597	Manufacturing methods for surface integrity of machined structural components Interim technical report, 16 Oct. 1970 - 15 Jan. 1971	1971
19710076600	Research and development on a non-scanning microwave frequency identifier Interim development report, 1 Sep. - 30 Nov. 1970	1971
19710076602	Integrated circuits for high density memories Quarterly progress report, Jul. - Sep. 1970	1971
19710076604	Thermodynamic properties of interstitial elements in the refractory metals Progress report, 1 Jun. - 31 Aug. 1970	1971
19710076605	Studies of lunar and planetary surfaces and atmospheres Semiannual progress report	1971
19710076606	Research in solar ultraviolet spectroscopy Semiannual status report, 1 Oct. 1970 - 31 Mar. 1971	1971
19710076607	Space-biomedical applications of ferroelastic materials Semiannual status report, 1 Sep. 1970 - 31 Mar. 1971	1971
19710076609	On consistent estimates of linear processes with unknown correction terms	1971
19710076610	Investigation of laser dynamics, modulation and control by means of intracavity time varying perturbation Quarterly status report, 1 Feb. - 30 Apr. 1971	1971
19710076611	Analyses of NASA/DOD space applications and transportation system requirements/effectivity study Monthly letter progress report, Mar. 1971	1971
19710076612	Property determination of sprayed coatings Monthly technical progress report	1971
19710076614	X-ray astronomy Quarterly report, 1 Jul. 1970 - 31 Mar. 1971	1971
19710076624	Lunar excursion module Monthly quality status report, 1 Mar. - 1 Apr. 1964	1971
19710076632	Compilation of data covering aircraft servicing facilities aboard aircraft carriers	1971
19710076633	J75/JT4 product support program Final report, 1 Jan. - 31 Dec. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076640	Evaluation of OPS-2 operational program for the automatic carrier landing system Final report	1971
19710076645	Review of recent developments - Corrosion and compatibility	1971
19710076646	Analysis of vibration energy density spectra in the excitation domain	1971
19710076647	J48 product support program Final report, 1 Jan. - 31 Dec. 1970	1971
19710076648	A scan sampler with magnetic tape recording capability Interim report	1971
19710076649	Production engineering measures for a ferrite solid state limiter protector Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710076650	Manufacturing methods and technology measure for standard battery cases Quarterly report, 1 Aug. - 31 Oct. 1970	1971
19710076651	Evaluation of metal-air electrochemical energy storage system for vehicle propulsion Final report, May 1969 - Nov. 1970	1971
19710076652	Long period array processing development Quarterly report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710076670	Development of a pump fed monopropellant hydrazine bootstrap pressurization system Final report, Sep. 1968 - Jun. 1970	1971
19710076672	Production engineering measure - Final power output traveling wave tube Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710076674	Airborne wideband high-density recording techniques Progress report	1971
19710076675	A radiometric study of carbon dioxide adsorption of platinum	1971
19710076676	Stress corrosion of metal tank materials Monthly progress report, 1-28 Feb. 1971	1971
19710076685	Ellipsometric studies of the anodic film formation of copper in sodium acetate solution	1971
19710076687	Phase 8 of the accelerated service test of the J79-GE-10 engine Interim report	1971
19710076691	Sampling tests on one, nickel-cadmium aircraft battery manufactured by Gulton Industries	1971
19710076692	Methods for assigning frequencies to avoid intermodulation interference	1971
19710076693	Master executive control system analysis design study. Volume 1 - Basic document Final report, 9 Jun. - 9 Dec. 1970	1971
19710076694	TF33/JT3D product support program Final report, 1 Jan. - 31 Dec. 1970	1971
19710076695	J34 product support program Final report, 1 Jan. - 31 Dec. 1970	1971
19710076698	Study of low gravity propellant transfer Monthly progress report, 23 Feb. - 22 Mar. 1971	1971
19710076699	Fabrication and flight evaluation of large- area ultrasoft X-ray detectors suitable for spacecraft application Quarterly report, 24 Dec. - 23 Mar. 1971	1971
19710076700	Proton telescope experiment Final summary report, period ending 21 Mar. 1971	1971
19710076701	Study of the carbon dioxide spectrum of Mars and Venus Semiannual status report, 1 Aug. - 31 Dec. 1970	1971
19710076703	High-efficiency, single frequency laser and modulator study Quarterly summary technical status report no. 1, 1 Sep. - 31 Dec. 1970	1971
19710076704	Acceleration of a force through a resonant speed	1971
19710076711	Integrated K-band transceiver Final technical report, Jun. 1967 - Dec. 1970	1971
19710076717	CLF 5 storability test article Final report, 16 Feb. 1970 - 15 Feb. 1971	1971
19710076724	Manufacturing methods program for a 25-watt power amplifier module 225 to 400 MHz. Technical performance summary Interim report, 1 Aug. - 31 Oct. 1970	1971
19710076738	Production engineering measure for S-band 10-20 watt transistor Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710076742	Isothermal forging of titanium alloy main landing gear wheels Interim engineering progress report, 1 Oct. - 31 Dec. 1970	1971
19710076752	Space Station Docking and Payload Transfer Trade Study Results	1971
19710076753	Magnetic tape flight loads data from naval aircraft Annual summary report, 1 Jul. 1969 - 1 Jul. 1970	1971
19710076754	Giant Patriot missile destruct test Final report	1971
19710076757	J57 product support program Final report, 1 Jan. - 31 Dec. 1970	1971
19710076760	VHF and X-band telemetry attenuation induced by high altitude reentry plasma sheaths Technical report, Jun. 1969 - Apr. 1970	1971
19710076771	The problems of growth of single crystals of phenium and iridium dioxides Semiannual report	1971
19710076781	Development of low power active RC bandpass synthesis Final report, 1 Jun. 1969 - 31 May 1970	1971
19710076788	Evaluation of the high-speed MK 82 laser- guided bomb /WS 212D Weapon System/ on the F-4 aircraft /U/ Final report, 3 Aug. - 3 Nov. 1970	1971
19710076796	Exploratory development plan for 8-in. guided projectiles /U/ Administrative report, Oct. 1968 - 1 Feb. 1971	1971
19710076799	Hydrocarbon Scramjet feasibility program. Part 2 - Experimental investigation of a hydrocarbon fueled Scramjet combustor /U/ Final report, Sep. 1969 - Aug. 1970	1971
19710076800	Hydrocarbon Scramjet feasibility program. Part 3 - Free jet engine design and performance /U/ Final report, Sep. 1969 - Aug. 1970	1971
19710076812	Selections from Bulletin of the French Cartography Committee	1971
19710076814	Peripheral vision study Final technical report, Dec. 1969 - Jan. 1971	1971
19710076815	Epoxy resin cure evaluation data report Final report	1971
19710076817	Multiple image study Final technical report, Dec. 1967 - Jun. 1970	1971
19710076818	Control, transponder set C-6280A/P//APX Final report	1971
19710076824	Satellite unfurlable antenna array Final report, Mar. 1969 - Oct. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710076829	TIARA formulation progress report, fiscal years 1969 and 1970 /U/ Technical publication, Jul. 1968 - Dec. 1969	1971
19710076879	Target locating computer/display subsystem /TALOC/D/ /U/ Final technical report, 1 Sep. 1969 - 30 Oct. 1970	1971
19710076880	Comparison of Mediterranean Sea sound- velocimeter measurements with sound speeds calculated from Wilson's equation /U/ Research and development report, Aug. - Oct. 1970	1971
19710076897	Radar digital signal processing techniques /U/ Final technical report, 1 May - 30 Nov. 1970	1971
19710076898	Visual-image signal processing system /U/ Final technical report, Oct. 1968 - Oct. 1970	1971
19710076901	Gas generator fueled Scramjet program. Part 1 - Cycle analysis, test simulation, gas generator tests, and overall program summary. Part 2 - Gas generator propellants, characterization and performance /U/ Final report, Oct. 1968 - Jul. 1970	1971
19710076903	Aerodynamic characteristics of the AFFDL FDL-5LE lifting body at Mach numbers from 0.2 to 1.3 /U/ Final report	1971
19710076913	Nutatron gyro development /U/ Final report, 1 Apr. 1969 - 1 Sep. 1970	1971
19710076922	Gas generator fueled Scramjet program. Part 3 - Theoretical and experimental investigation of metal particle combustion in a supersonic gas stream Technical report, Oct. 1968 - Mar. 1970	1971
19710076923	Air-augmented combustion of boron and boron- metal compounds Semiannual report, 15 May - 15 Nov. 1970	1971
19710076939	Development of S-band Dematron amplifier, phase 2 Quarterly report, 21 Sep. - 31 Dec. 1970	1971
19710076944	Effect of environment on insulation materials Monthly technical progress report, 1-31 Mar. 1971	1971
19710076946	Advanced techniques for determining long-term compatibility of materials with propellants Monthly letter report for Mar. 1971	1971
19710076947	Reactive stream separation photography Quarterly progress report for period ending 31 Mar. 1971	1971
19710076967	Laboratory and field tests of the LRV navigation system	1971
19710076969	Investigation of low angle radiation from conical monopole antennas Final report	1971
19710076974	Evaluation of atmospheric transport and diffusion Semiannual report, 15 Jun. - 15 Dec. 1970	1971
19710076975	Surface properties of special asymmetric particles	1971
19710076981	Combination crew-served weapon sight/small starlight scope Final report	1971
19710076987	Basic Data for an Error Analysis of Metabolic Energies During Lunar Surface EVA's	1971
19710076988	An Error Analysis of Metabolic Energies During Lunar Surface EVA's	1971
19710076990	Electrical analysis of the ram air turbine emergency generator on the F-8J aircraft Final report	1971
19710076994	Environmental tests of thermocouple microwave power meter Final report	1971
19710076995	Modular analysis of electronic systems Interim engineering report, 15 Oct. 1970 - 15 Jan. 1971	1971
19710077004	Erbium doped laser devices Quarterly report, 1 Jul. - 1 Oct. 1970	1971
19710077012	Titanium base alloys-6AL-4V, processes and properties handbook	1971
19710077017	Research studies on problems related to broadband and small aperture antennas Annual report, 2 Oct. 1969 - 1 Oct. 1970	1971
19710077032	Proceedings of the 1970 Army Numerical Analysis Conference	1971
19710077035	Solid propellant kinetics. 1 - The ammonium perchlorate/copper chromite/fuel system	1971
19710077039	Review of recent developments. Metalworking	1971
19710077041	Two-dimensional flow calculations in the magnetic field plane for linear MHD channels Final report, 5 Jul. 1966 - 30 Jun. 1970	1971
19710077042	Experimental pressure and heat-transfer rate distributions on a blunt 9-deg half-angle cone with a turbulent boundary layer at Mach number 10.6 Final report, 29 Apr. - 27 Aug. 1970	1971
19710077045	Technical evaluation of multi-channel voice recorders for air traffic control Final report	1971
19710077055	Accelerated service testing of the model J52-P-8B engine smoke abatement hardware Interim report, 9 Jul. 1969 - 3 Sep. 1970	1971
19710077057	Production engineering measure of a very high current, high speed pulser silicon controlled rectifier Quarterly report, 1 Oct. 1970 - 31 Dec. 1971	1971
19710077058	Electrostatic discharge tests on the XM76E1 electrical ignition element /152mm weapon system/	1971
19710077059	Review of recent developments - Titanium and titanium alloys	1971
19710077062	Investigation of system delays in the fleet multichannel broadcast Final report	1971
19710077063	Production engineering measure for subminiature high-reliability ceramic capacitors Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710077065	Failure criteria for polymeric solids	1971
19710077066	Theoretical analysis of gas misalignment effects in the Honest John rocket nozzle	1971
19710077070	Solid state encoding altimeter, supermatie Progress report, period ending 31 Jan. 1971	1971
19710077078	Common base vs common emitter performance and reliability for VHF stages Semiannual report, 25 Feb. - 24 Aug. 1970	1971
19710077081	Low cost two axis fluidics jet reaction control valve systems Final technical report	1971
19710077082	Application of vibration energy parameters to MIL-STD-810B shock pulses	1971
19710077090	The effect of changing gravity and weightlessness on vasopressin control systems Technical report, 21 Oct. 1970 - 15 Feb. 1971	1971
19710077100	Luminescent applications of rare earth materials Annual report	1971
19710077101	Review of recent developments - Metals joining	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077104	Synthesis of polymers with high residues at high temperatures Annual summary report, 1 Feb. 1970 - 31 Jan. 1971	1971
19710077106	Coordinated space related studies Final progress report, 1 Mar. 1970 - 31 Jan. 1971	1971
19710077108	Investigation of superconducting interactions and amorphous semiconductors Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710077109	Study of semiconductor heterojunctions of ZnSe, GaAs and Ge Progress report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710077110	Radar set AN-APQ-122/U/5 Final report	1971
19710077112	Review of recent developments - High strength steels	1971
19710077113	Electromagnetic compatibility test plan for HH-1H helicopters	1971
19710077116	Translations on French nuclear, missile, space, and related military developments, no. 261	1971
19710077120	Space electric power R and D program /U/ Quarterly status report, period ending 31 Jan. 1971	1971
19710077125	VLF/LF advanced airborne antenna /U/ Final report, Apr. 1969 - Jan. 1970	1971
19710077127	Update - A tactical data systems information bulletin /U/	1971
19710077138	Special Emission Data Acquisition System /SEDAS/ exploratory development phase 2 Progress report, 1 Oct. - 31 Dec. 1970	1971
19710077139	Dual mode antenna study Final report	1971
19710077143	Translations on French nuclear, missile, space, and related military developments, no. 271	1971
19710077144	Translations on French nuclear, missile, space, and related military developments, no. 272	1971
19710077145	State of the art review for aircraft engine fuel controls Final report	1971
19710077146	The 1970 propeller product support program Final engineering progress report, 1 Jan. - 31 Dec. 1970	1971
19710077147	Laser ranging for rendezvous and docking - Preliminary analysis of performance capabilities	1971
19710077148	Drop tests of cones to investigate the three- dimensional effects of slamming Final report	1971
19710077150	Component temperature predictions of cesium vapor arc lamp Final report	1971
19710077151	Evaluation of airborne telemetry antennas for use in UHF telemetry bands Technical publication, Jun. 1967 - Dec. 1970	1971
19710077152	Electroslag melted M-50 ausformed bearings Interim engineering progress report, 1 Oct. 1970 - 1 Feb. 1971	1971
19710077156	Integrated circuit, logic gate, dual 4 input	1971
19710077159	Coagulation of newly generated aerosols Technical report, Sep. 1968 - Aug. 1970	1971
19710077160	Monitoring of EA-6B aircraft, aircrew automated escape system operational aeromedical and human factors, maintainability and engineering evaluation and system Interim report	1971
19710077166	Semiconductor damage study, phase 2 Final summary report, Apr. 1969 - May 1970	1971
19710077167	Manufacturing methods for rolling very high strength superalloy sheet Interim technical engineering report, 1 Nov. 1970 - 1 Feb. 1971	1971
19710077168	Heat pipe technology for advanced rocket thrust chambers Monthly report, 1-31 Mar. 1971	1971
19710077169	Metal tank fracture and design criteria Monthly progress report, 1-28 Feb. 1971	1971
19710077170	Fracture characteristics of structural aerospace alloys containing deep surface flaws Monthly progress report, 1-28 Feb. 1971	1971
19710077171	Bipropellant shutoff valve Monthly report, 1 Mar. - 1 Apr. 1971	1971
19710077172	Structure of solar magnetic and velocity fields Semiannual progress report, 1 Oct. 1970 - 1 Apr. 1971	1971
19710077174	J52 product support program Final report, 1 Jan. - 31 Dec. 1970	1971
19710077175	TF30 product support program Final report, 1 Jan. - 31 Dec. 1970	1971
19710077176	Molecular laser study Summary technical report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710077182	A study of an unknown landmark tracking navigation system - Second set of results	1971
19710077187	Boron arsenide and boron phosphide for high temperature and luminescent devices Quarterly status report, 1 Jan. - 31 Mar. 1971	1971
19710077191	A gallium arsenide Schottky barrier avalanche diode oscillator Interim report	1971
19710077192	Simulation and effectiveness evaluation of integrated avionics for military aircraft Technical report, 1 Dec. 1969 - 30 Nov. 1970	1971
19710077202	Analysis of helicopter structural crashworthiness. Volume 1 - Mathematical simulation and experimental verification for helicopter crashworthiness Final report	1971
19710077204	Space shuttle auxiliary propulsion /APS/ valves Quarterly technical progress narrative no. 2	1971
19710077205	Space vehicle integrated thermal protection, structural, meteoroid protection system Monthly progress report, 15 Feb. - 15 Mar. 1971	1971
19710077208	Bibliography of reports on space isotope power and aerospace nuclear safety	1971
19710077227	Acoustic surface wave research Final report, 1 Jul. 1969 - 30 Jun. 1970	1971
19710077234	Lunar excursion module Monthly failure summary report, 10 Oct. 1963	1971
19710077238	M814E1 Redeye Fuze Product Improvement Program Final report, Apr. 1967 - Dec. 1970	1971
19710077240	Research on low voltage, high performance cold cathode Final report, 2 Sep. 1969 - 2 Nov. 1970	1971
19710077244	Electrostatic generation and landing discharge characteristics of the UH-1 B and AH-1 G helicopters	1971
19710077250	Investigation of the magnetic structure of YCO5 and NdCO5 using neutron diffraction Technical report, 2 Jan. 1969 - 31 Dec. 1970	1971
19710077254	Stress corrosion of metal tank materials Monthly progress report, 1-31 Mar. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077255	Cycle testing of graphite filament wound pressure vessels Monthly progress report, 26 Mar. - 25 Apr. 1971	1971
19710077256	Reusable space shuttle vehicle thermal protection Monthly progress report, 15 Mar. - 15 Apr. 1971	1971
19710077257	Research and investigation of gas dynamic lasers Bimonthly progress report, 10 Feb. 9 Apr. 1971	1971
19710077258	Fracture characteristics of structural aerospace alloys containing deep surface flaws Monthly progress report, 1-31 Mar. 1971	1971
19710077259	Study of the cryoentrainment pump and the behavior of nude ionization gauges at low temperatures Progress report	1971
19710077260	Photochemistry and enzymology of photosynthesis Quarterly status report, 7 Jan. - 6 Apr. 1971	1971
19710077261	Investigation of the feasibility of developing low-permeability polymeric films Quarterly technical progress report, Jan. - Mar. 1971	1971
19710077262	Quarterly progress report, October - December 1970	1971
19710077263	Payload effects analysis study Monthly progress report	1971
19710077264	Study of rocket experiments to measure interplanetary energetic hydrogen fluxes and hydrogen fluxes during an auroral breakup Quarterly report, period ending 30 Apr. 1971	1971
19710077265	Finite element shell instability analysis Progress report, 1 Jan. - 31 Mar. 1971	1971
19710077279	Evaluation of G-250 integral fuel tank channel sealant for the model F-14A aircraft	1971
19710077280	Commission 5. Special activities	1971
19710077281	The evaluation of Kalman filter designs for multisensor integrated navigation systems Final report, Apr. 1969 - Jun. 1970	1971
19710077284	High latitude propagation study, volume 1 Final report, Mar. 1969 - Sep. 1970	1971
19710077285	Magnetic disc recorder/advanced LLTV techniques Final report	1971
19710077286	LAD/INS study, volume 4 - Tracking error analysis parametric results Final report, 13 Mar. - 20 Aug. 1970	1971
19710077288	The physical basis of microscopic photometry	1971
19710077291	Review of recent developments - Beryllium	1971
19710077294	Broadband laser display system Final report	1971
19710077295	Pressure sensing characteristics of a compensated pitot-static probe for Mach numbers from 1.0 to 2.0 Final report, 21 Aug. - 23 Nov. 1970	1971
19710077296	Low profile omnidirectional antenna Technical report, Dec. 1969 - Aug. 1970	1971
19710077299	Validation of the flying qualities requirements of MIL-F-008785A /USAF/ Final report	1971
19710077300	Synthesis and properties of polymers and copolymers containing polybenzimidazo benzophenanthroline and polyimide structures Final report, Apr. 1967 - Mar. 1968	1971
19710077303	Computer aided design of communications systems and subsystems Final report, 8 Jun. - 30 Nov. 1970	1971
19710077304	Titanium alloy scrap reclamation process Interim engineering progress report, 15 Mar. - 15 Dec. 1970	1971
19710077309	NAFI investigation of noise radar	1971
19710077310	Three-dimensional quadrupolar mass analyzer. 1 - General description Special publication, Jun. 1969 - Aug. 1970	1971
19710077311	Suppression of combustion oscillations with mechanical damping devices Quarterly progress report, 27 Dec. 1970 - 27 Mar. 1971	1971
19710077312	Regeneratively cooled rocket engine for space storable propellants Monthly status report, period ending 1 Apr. 1971	1971
19710077313	Seismic loss mechanism	1971
19710077314	Electronic systems of the future	1971
19710077316	Statistical component damage study	1971
19710077317	The condensation coefficients of C2 and C3 Technical report, 1 Feb. 1969 - 30 Apr. 1970	1971
19710077322	Dynamic fracture in 6061-T6 aluminum Technical report, Jun. 1969 - Oct. 1970	1971
19710077325	Laser spark velocimeter for measuring the velocity of supersonic flows Final report, Jul. 1969 - Jul. 1970	1971
19710077326	TACOS C/2/. A model description Final report	1971
19710077327	TACOS C/2/. User's guide Final report	1971
19710077328	TACOS C/2/. Programmers' guide Final report	1971
19710077329	Short range bomber defense missile design study. Volume 7 - Autopilot and controls. Appendix A - Analysis data. Part 2 Final technical progress report, 10 Nov. 1969 - 10 May 1970	1971
19710077330	Semiannual progress report, 1 July - 31 December 1970	1971
19710077332	Short range bomber defense missile design study. Volume 7 - Auto pilot and controls. Appendix A - Analysis data. Part 1 Final technical progress report, 10 Nov. 1969 - 10 May 1970	1971
19710077333	The apparent color of point sources	1971
19710077334	Electrical resistance testing of connectors depotted with atlas 62	1971
19710077335	Lightweight gearbox development for propeller gearbox system applications. Phase 1 - Potential coatings for titanium alloy gears Technical report, 2 Feb. 1970 - 15 Jan. 1971	1971
19710077337	AN/PPS-18 /XN-1/ ultra reliable radar Interim development report 1-31 Jan. 1971	1971
19710077338	LWIR mosaic captive-flight-test system Quarterly report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710077339	Spliced aerial film Final report	1971
19710077340	A-4/TA-4F/A-6/F-4/F-8 series aircraft/ CE-3 catapult high density altitude tests. Evaluation of F-4 series aircraft pilot techniques for short field recovery with M-21 arresting gear Interim report	1971
19710077345	Feed system instabilities Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077346	Qualification testing of the US Navy NB-11 parachute recovery system Final report	1971
19710077347	Frequency synthesizer model 645M fluke Interim report	1971
19710077348	Some mechanical properties of thermally treated U-2Mo	1971
19710077349	A general purpose laboratory photometer	1971
19710077350	Early experiences with the hazards of medical use of X-rays - 1896 - 1906	1971
19710077352	Two-phase oxygen inducers Monthly progress report, 1-31 Mar. 1971	1971
19710077354	Systems Analysis Repair Cost /SARC/ model throwaway versus repair printed circuit cards and modules	1971
19710077356	Production engineering measure for optical integrators, optical windows and projection lenses for laser diode arrays Quarterly progress report, 1 Sep. - 30 Nov. 1970	1971
19710077358	Sensitivity of PROFET fallout predictions to wind variability and comparison of predicted and observed patterns	1971
19710077359	Low temperature properties of metals	1971
19710077361	T-38 fatigue spectrum data for analysis and test	1971
19710077363	Ceramic Awareness Bulletin, no. 26, January - February 1971	1971
19710077364	Flammability and heat transfer characteristics of PBI fabric Technical report, Jul. 1968 - Mar. 1970	1971
19710077366	Evaluation of model E-2B aircraft modification program Interim report	1971
19710077367	Product support program air turbine starters, air control valves Final report	1971
19710077369	Design of the TD-937/XB-1//SPX electronic gate Final report	1971
19710077371	Accelerated service test of the J-57-P-420 engine, phase 1 Interim report	1971
19710077372	An exploratory study of the infrared characteristics of surface slicks Interim report	1971
19710077373	The effect of rolling ratio on mechanical properties of 10Ni-8Co-2Cr-1Mo steel	1971
19710077374	Production engineering measure computer aided design system for integrated circuits Quarterly progress report, 17 Sep. - 17 Dec. 1970	1971
19710077377	LER isolator high frequency attenuator development test report Final report	1971
19710077379	Thin film infrared mosaic sensor Final report, 2 Jan. - 15 Dec. 1970	1971
19710077381	Exploratory development of improved optical fiber bundles Final report, 1 Mar. 1969 - 30 Jun. 1970	1971
19710077382	A study of warm electron effects in covalent semiconductors	1971
19710077383	Airborne tape recorder Interim report, 10 Dec. 1970 - 1 Feb. 1971	1971
19710077387	Theoretical study of transport processes in the ionosphere Progress report	1971
19710077389	UHF MOS integrated circuits Quarterly progress report, 1 Jul. - 30 Sep. 1970	1971
19710077391	Automated programs for processing 8 channel flight loads data Final report, 1 Apr. 1969 - 1 Jun. 1970	1971
19710077395	Flight loads investigation of CH-54A helicopters operating in Southeast Asia Final report	1971
19710077400	Quarterly progress report, 1 February - 1 May 1971	1971
19710077405	Elemental abundances in meteoritic and terrestrial matter Semiannual progress report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710077406	Semiannual status report, June - November 1970	1971
19710077407	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710077410	Experimental investigation of combustor effects on rocket thrust chamber performance Monthly status report, period ending 1 Apr. 1971	1971
19710077413	Metallic positive expulsion bellows for cryogenic propellants Monthly progress report, period ending 2 Apr. 1971	1971
19710077417	Space shuttle and space station centralized operations center	1971
19710077418	Short range bomber defense missile design study. Volume 7 - Autopilot and controls. Appendix A - Analysis data, part 3 Final technical progress report, 10 Nov. 1969 - 10 May 1970	1971
19710077422	The Fort Huachuca, Arizona 15 year base climate calendar 1956 - 1970	1971
19710077424	Mass spectrometric studies of graphite vaporization at high temperatures Technical report, 1 Jul. 1969 - 30 Jun. 1970	1971
19710077425	Statistical decoding Final technical report, 12 Sep. 1969 - 11 Sep. 1970	1971
19710077432	Strength deflection tests - ZAP weapon installation on an A-4E airplane wing Final report, Nov. 1970 - Jan. 1971	1971
19710077433	TF34-GE-2 engine preliminary flight rating test. Volume 5 - Engine teardown inspection	1971
19710077436	High reliability 225-400 MHz 50 watt silicon transistor Semiannual report, 15 Apr. - 15 Oct. 1970	1971
19710077437	Forecasting the occurrence and onset of thunderstorms at Torrejon Air Base, Spain, objective forecast study	1971
19710077448	Transtage ACS valve storage tests	1971
19710077449	Basic research on optical properties Technical report, 25 Jan. 1967 - 1 Oct. 1970	1971
19710077450	Heat transfer and flammability of fibrous materials Technical report, Jul. 1968 - Feb. 1970	1971
19710077465	Initial distortion of an acoustic pulse on reflection from a rough surface	1971
19710077466	Design and development of diborane shipping container Monthly status letter, 7 Mar. - 6 Apr. 1971	1971
19710077467	Suppression of combustion oscillations with mechanical damping devices Monthly progress report, 1-30 Apr. 1971	1971
19710077470	Nonlinear and digital man-machine control systems modeling Status report no. 2, 1 Sep. 1970 - 1 Mar. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077471	Study of the possible role of pollution in the prevalence of sea nettles in the Chesapeake Bay and the development of a census taking method Monthly progress report, Mar. 1971	1971
19710077472	Refined methods of aeroelastic analysis and optimization Semiannual progress report	1971
19710077473	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Feb. - 19 Mar. 1971	1971
19710077474	Environmental factors regulating circadian rhythms in Phaseolus leaves Semiannual report	1971
19710077475	Feed system instabilities Monthly progress report	1971
19710077477	Translations on French nuclear, missile, space, and related military developments, no. 270	1971
19710077478	OWS mode selection and parametric variations	1971
19710077480	F-4D precipitation static flight test Final report, 10 Aug. 1970 - 2 Jan. 1971	1971
19710077481	A study of celestial objects of high angular momentum Semiannual status report, 1 Aug. 1970 - 31 Jan. 1971	1971
19710077482	Reduction and analysis of magnetometer data from Mariners 4 and 5 Status report, 1 Oct. 1970 - 31 Mar. 1971	1971
19710077483	Progress report, 20 February - 30 April 1971	1971
19710077486	Manufacturing methods for ion implantation Interim report, 1 Oct. - 31 Dec. 1970	1971
19710077489	Static response - Axisymmetric shell	1971
19710077490	Investigation of the ignition and burning of materials in space cabin atmospheres Quarterly progress report, 1 Jan. - 1 Apr. 1971	1971
19710077491	X-ray astronomy Quarterly report, 1 Aug. 1969 - 30 Apr. 1971	1971
19710077492	Long life high reliability thermal control systems study Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710077497	Discussion of loss of instrument unit telemetry during Apollo 14	1971
19710077498	Shock wave and boundary layer formation and corner flow phenomena in rarefied hypersonic flow Monthly progress report, 26 Feb. - 26 Mar. 1971	1971
19710077499	Space cell test program Monthly progress report, Feb. 1971	1971
19710077510	Relating to mass spectrometry and inhomogeneous ion optics Progress report, 1 Apr. - 30 Sep. 1970	1971
19710077520	Translations on French nuclear, missile, space, and related military developments, no. 273	1971
19710077521	Dynamics of the solar wind and its interaction with bodies in the solar system Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710077522	A search for relativistic magnetic charges in cosmic rays Progress report	1971
19710077527	Ninety day mission report	1971
19710077528	Orbital workshop structural response to control system corrective forces/torques	1971
19710077531	Translations on French nuclear, missile, space, and related military developments, no. 269	1971
19710077534	Technical performance of the Compass Hawk program Final report, 1 Jul. 1968 - 27 Jan. 1970	1971
19710077535	Cast CUNISIBE metal - A summary of studies	1971
19710077536	Use of Kennedy Space Center as the centralized operations center for the space shuttle and space station	1971
19710077537	Aerodynamics Laboratory mission support services Progress report, 25 Jan. - 28 Feb. 1971	1971
19710077538	Quarterly progress report for the period 1 January - 31 March 1971	1971
19710077540	Cycle testing of cryogenic expulsion bellows Monthly progress report, Mar. 1971	1971
19710077542	OSS study - Space shuttle orbiter cross-range requirements for 24-hour return capability	1971
19710077548	Space vehicle integrated thermal protection/ structural/meteoroid protection system Monthly progress report, 15 Mar. - 15 Apr. 1971	1971
19710077549	Semiannual report, 1 October 1970 - 31 March 1971	1971
19710077550	The influence of temperature on fatigue-crack growth Quarterly status report, 1 Jan. - 31 Mar. 1971	1971
19710077551	Separation of events on protons from events on nuclei in a heavy liquid bubble chamber	1971
19710077554	Magnetic properties of individual glass spherules, Apollo 11 and Apollo 12 lunar samples Semiannual status report, 1 Jul. - 31 Dec. 1970	1971
19710077555	Investigation of the properties of carbon-carbon composites and their relationship to nondestructive test measurements	1971
19710077556	Study of the techniques feasible for food synthesis aboard a spacecraft Semiannual status report, 1 Aug. 1970 - 31 Jan. 1971	1971
19710077558	Systems engineering analysis for the Integrated Tactical Air Control System ITACS, phase 1 Interim report, Jul. 1970 - Feb. 1971	1971
19710077565	Metric tests of ASP-Phoenix color aerial photography	1971
19710077571	Synthesis and characterization of poly oxadiazolesilanes Final report	1971
19710077578	Space shuttle auxiliary propulsion system - Hydrogen-oxygen APS engines Monthly technical progress narrative, Feb. 1971	1971
19710077585	Thermal Skin fabrication technology program Monthly report, 1-31 Mar. 1971	1971
19710077587	TF34-GE-2 engine preliminary flight rating test. Volume 4, part 2 - Components post-PFRT recalibration and inspection results	1971
19710077588	TF34-GE-2 engine preliminary flight rating test. Volume 4, part 1 - Components post-PFRT recalibration and inspection results	1971
19710077589	TF34-GE-2 engine preliminary flight rating test. Volume 1, supplement 1 - 60-hour endurance test performance determination method	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077591	Polymer structures and properties. Part 1 - Thermally stable polymers Technical report, 1 Feb. 1970 - 31 Jan. 1971	1971
19710077593	Alignment of the LRV directional gyro	1971
19710077594	Operation of reliability analysis center Final technical report, 1 Sep. 1969 - 31 Aug. 1970	1971
19710077601	Quarterly report to the National Aeronautics and Space Administration on grant NGL-05-002-034, 1 December 1970 - 1 March 1971	1971
19710077604	Adaptar - Space time processing in airborne radars Final report	1971
19710077605	Certification of automatic carrier landing system aboard USS Kitty Hawk CUA-63 for mode I operation Final report	1971
19710077606	Digital communications techniques Interim report, 15 Sep. 1970 - 15 May 1971	1971
19710077609	Advanced electron device technology	1971
19710077611	RF modulated S-band crossed field amplifier	1971
19710077614	The new French first order leveling net. Practical and scientific consequences	1971
19710077618	Snowfall at Fort Huachuca, Arizona Technical report, Jan. 1956 - Jan. 1970	1971
19710077621	Simulation research to develop objective meteorological prediction capability Semiannual report, 16 May - 16 Nov. 1970	1971
19710077622	Evaluation of coulometer equipped nickel cadmium aircraft battery and charger/ controller	1971
19710077632	Scanner plotter design study Final technical report	1971
19710077634	Vidicoder digital TV system Final report, 15 Jan. - 15 Nov. 1970	1971
19710077644	Payload effects analysis study Monthly progress report	1971
19710077645	Design criteria for hydrofoil hull bottom plating - A practical application of research on slamming Final report	1971
19710077646	NADC air-to-air combat simulator evaluation Interim report	1971
19710077647	Quarterly progress reports	1971
19710077654	Nuclear aircraft propulsion development facilities study Final report	1971
19710077683	Advanced hybrid propulsion system control program /U/ Final report, 1 Apr. 1968 - 31 Dec. 1970	1971
19710077685	Shock waves resulting from explosions at an air-water interface. Report 2 - Experimental study /U/ Technical report, Jan. - May 1966	1971
19710077686	The 25 millimeter microchannel array development /U/ Final report, 31 May 1968 - 1 Mar. 1970	1971
19710077692	Radiometric terminal guidance /U/	1971
19710077713	Prediction of polar cap absorption events Technical report, Jan. 1968 - Jan. 1971	1971
19710077716	AIRCO 'MIXMAKER' Mark 2 system for gas mixing Final report	1971
19710077717	Metal base high frequency transistors Final report, 15 Apr. 1969 - 14 Oct. 1970	1971
19710077720	LRV navigation system realignment on proposed Apollo 15 Hadley Apennines traverses	1971
19710077721	Real time EVA consumable analysis	1971
19710077722	Manufacturing methods for high performance polyethylene battery separators Interim engineering progress report, 1 Sep. 1970 - 31 Jan. 1971	1971
19710077724	Electron beam semiconductor amplifier Triannual report, 1 Jun. - 31 Oct. 1970	1971
19710077725	Integrated research on carbon composite materials. Part 5, volume 1 - Materials research Summary technical report, Jul. 1969 - Sep. 1970	1971
19710077731	Annual narrative progress report	1971
19710077733	Development of solvent-resistant sealants Final report, 11 Mar. 1970 - 10 Feb. 1971	1971
19710077737	Flight test, evaluation, and calibration of aims airborne ATRCBS equipment for the S-2E airplane Final report	1971
19710077739	Technical evaluation of antenna systems test equipment and test procedures	1971
19710077740	Transversely pulse-initiated chemical lasers - Atmospheric pressure operation of an HF laser	1971
19710077741	Space storable explosively actuated valves. Pyronetics model 1356	1971
19710077742	A program to investigate, characterize, and describe meteorites in the collection of Arizona State University Semiannual status report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710077743	Mechanism of the photovoltaic effect in II-VI compounds Progress report, 1 Jan. - 31 Mar. 1971	1971
19710077744	Semiannual status report, 1 October 1970 - 31 March 1971	1971
19710077746	Apollo mission J1/CSM-112/SPS preflight performance report	1971
19710077747	Apollo mission J1/LM-10/APS preflight performance report	1971
19710077749	Accelerated failure rate test of AIM-7E, AIM-7E-2 /SPARROW 3/ missiles /U/	1971
19710077755	TF34-GE-2 engine preliminary flight rating test. Volume 1 - 60 hour endurance test /U/	1971
19710077793	Radar reflectivity measurements of a scale model of the A-7A aircraft /U/	1971
19710077796	Low light level television for search and rescue /U/	1971
19710077797	Production engineering measure for 25 mm microchannel plate /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710077810	Prediction of time dependent neutron damage Technical report, Jan. - Aug. 1969	1971
19710077814	Monte Carlo calculation of energy dependent neutron fluence for the Operation HENRE environment	1971
19710077818	Analysis to facilitate use of the MSFC RAVFAC and VUFACT view factor programs	1971
19710077819	Trip report - Lunar roving vehicle navigation system meeting at MSC	1971
19710077820	Attitude control considerations for a space shuttle acting as an experiment platform	1971
19710077821	A finite difference method for solving Laplace's equation, using a non-uniform mesh	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710077826	Thermal control capability for crew comfort in the Skylab orbital workshop	1971
19710077831	Pressed film technique and infrared spectra catalog for identification of thermoplastics, appendix B	1971
19710077832	Large area /quadrant/ germanium detectors	1971
19710077835	High temperature/high frequency limitations of epoxy-bonded accelerometer cementing studs Research and development report high temperature/high frequency limitations of epoxy-bonded accelerometer cementing studs Research and development report	1971
19710077841	Evaluation study of a motion sensor in a multi-cylinder engine Final report, 21 Jul. 1970 - 4 Jan. 1971	1971
19710077846	Planetary ball swaging of welded titanium alloy tubing Interim engineering progress report, 1 Oct. - 31 Dec. 1970	1971
19710077847	Mode of failure investigations of helicopter transmissions Final report	1971
19710077850	Development of a solid fuel gaseous oxygen reaction techniques for producing high altitude barium vapor clouds Semiannual report, 15 Apr. - 1 Nov. 1970	1971
19710077851	Research progress at the Aerospace Environmental Facility - A summary for 1969 Final report, 1 Jan. - 31 Dec. 1969	1971
19710077852	Litton post and film NDRO memory element development Final report	1971
19710077861	Terrain analysis by electromagnetic means. Report 5 - Laboratory measurement of electromagnetic propagation constants in the 1.0 to 1.5 GHz microwave spectral region	1971
19710077862	Erosion mechanisms and improvement of graphitic materials. Volume 1 - Graphite selection and characterization Final report, Jun. 1969 - Sep. 1970	1971
19710077870	Hypothetical impact of space shuttle on LM development	1971
19710077883	Aeronautical systems technology needs, materials /U/ Annual report, Jan. - Dec. 1970	1971
19710077886	Study of the combustion efficiency of fluorine-containing solid propellants /U/ Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710077888	Production qualification of Mk 84 electro-optical guided bomb /U/ Final report, 2 Dec. 1969 - 13 Jan. 1971	1971
19710077906	High frequency exposure chamber for radiobiological research Final report	1971
19710077912	Adhesive bond failures in aircraft honeycomb sandwich composites	1971
19710077925	Boundary cooled rocket engines for space storable propellants Quarterly report, period ending 1 Apr. 1971	1971
19710077926	Fluid dynamic and heat transfer problems of modern air breathing propulsive system Quarterly status report, 1 Jan. - 31 Mar. 1970	1971
19710077928	Investigation of near critical vortex flow Quarterly status report, 1 Feb. - 30 Apr. 1971	1971
19710077929	The determination and investigation of basic combustion phenomena related to aircraft engine emitted pollutants	1971
19710077931	Lunar material - Effect on plant growth. Discussion on the increased pigmentation of plant tissue cultures grown in contact with lunar material	1971
19710077935	Development and technology technical programs review, fiscal year 1970 /U/ Annual report	1971
19710077940	Development of an ultra-wideband TWT /U/ Final report, Mar. 1965 - Aug. 1970	1971
19710077943	Radar target recognition program /U/ Final report, 1 Jul. - 31 Dec. 1970	1971
19710077959	Surveillance of Sidewinder AIM-9B rocket motors /U/	1971
19710077966	Progress of research	1971
19710077967	Potential use of the shuttle as a test bed for Nimbus	1971
19710077969	AIH3 propellant sensitivity /U/ Quarterly technical report no. 2	1971
19710077971	IRIA annotated bibliography of infrared literature, volume 15, nos. 3 and 4 /cumulative/ /U/	1971
19710077972	Radar reflectivity measurements of a scale model of the FISHPOT /SU-9/ aircraft /U/	1971
19710078000	The 7th JANNAF combustion meeting. Volume 2 - Expanded abstracts and slides /U/	1971
19710078001	Metal combustion efficiency improvement /U/	1971
19710078002	Chemical techniques for successful boron combustion at high altitudes, low speed conditions /U/	1971
19710078003	Criteria for highly effective ballistic modifiers and other constituents of plateau and mesa-burning double-base propellants /U/	1971
19710078004	Combustion studies of low burning rate high- energy C MDB propellants /U/	1971
19710078005	Temperature and pressure sensitivity of composite propellants /U/	1971
19710078006	Low-pressure combustion characteristics of solid propellants /U/	1971
19710078007	Effect of plume signal interference specifications on propulsion tailoring techniques /U/	1971
19710078009	Ballistic missile phenomenology study /U/ Quarterly technical report, period ending 30 Dec. 1970	1971
19710078010	Small scale military computer-oriented weapon systems study, volume 1 /U/	1971
19710078018	Advanced dual chamber propulsion system /U/ Final program report, Jan. 1969 - Jun. 1970	1971
19710078027	Improved propellants for throttleable solid air augmented rockets /U/ Quarterly technical report, 1 Sep. - 15 Dec. 1970	1971
19710078059	Translations on French nuclear, missile, space, and related military developments no. 274	1971
19710078083	The temperature structure within the first 150 m of depth of the Ligurian Sea and its seasonal variations during the years 1960 - 1967. Part 1 - Text and appendices	1971
19710078084	The temperature structure within the first 150 m of depth of the Ligurian Sea and its seasonal variations during the years 1960 - 1967. Part 2 - Figures	1971
19710078086	A FORTRAN computer program for the analysis of some simple characteristics of sea surface waves	1971
19710078087	Mode propagation in a simplified shallow water model	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078090	Delta modulation for sound signal distribution - A general survey	1971
19710078091	Variation of medium frequency sky wave field strength with solar activity in Europe	1971
19710078099	Elimination of the Bloch-Siegert effect in optically-pumped magnetometers by means of multiple-quantum transitions	1971
19710078129	An investigation of diffraction by planetary atmospheres Semiannual status report, 1 Oct. 1970 - 31 Mar. 1971	1971
19710078130	Fundamental studies of the metallurgical, electrical, and optical properties of gallium arsenide Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710078131	Thermal Skin fabrication technology program Monthly report, Apr. 1971	1971
19710078133	Property determination of sprayed coatings Monthly technical progress report	1971
19710078134	Cycle testing of graphite filament wound pressure vessels Monthly progress report, 26 Apr. - 25 May 1971	1971
19710078135	Hydrogen film/conductive cooling Monthly technical progress narrative, 29 Mar. - 25 Apr. 1971	1971
19710078136	Second year progress report	1971
19710078137	Quarterly status report, 1 December 1970 - 28 February 1971	1971
19710078138	Quarterly status report, January - March 1971	1971
19710078139	Lightweight evacuated multilayer insulation systems for the space shuttle Monthly progress report, 12 Apr. - 30 Apr. 1971	1971
19710078145	Research on fundamental control problems of turbulence penetration and guidelines for flight director and autopilot design Quarterly progress report, 15 Dec. 1970 - 15 Mar. 1971	1971
19710078146	Boundary cooled rocket engines for space storable propellants Monthly status report, period ending 1 May 1971	1971
19710078147	Heat pipe technology for advanced rocket thrust chambers Monthly status report, Apr. 1971	1971
19710078153	Numerical filtering techniques for the time series analysis of oceanographic and meteorological data	1971
19710078159	Guidance system operations plan for manned CM earth orbital and lunar missions using Program Colossus 3. Section 4 - Operational model Revision 16	1971
19710078160	Activities of the NASA sponsored SRI Technology Applications Team in transferring aerospace technology to the public sector Monthly status report, 1 - 30 Apr. 1971	1971
19710078166	Convolutional coding techniques for data protection Quarterly progress report, 16 Feb. - 15 May 1971	1971
19710078167	The effect of redesignation delay, deadband, and LPD bias on LM landing performance	1971
19710078168	Evaluation of Apollo 15 preliminary lunar surface walking traverses	1971
19710078169	Cytochemical studies of planetary microorganisms - Explorations in exobiology Status report, 1 Jul. 1970 - 1 Jan. 1971	1971
19710078173	Research on cavitating pump instabilities Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710078175	Approximate aeroelastic and penetration effects on gust-induced pitching moments	1971
19710078180	Metal tank fracture and design criteria Monthly progress report, 1-31 Apr. 1971	1971
19710078181	Study of the detail content of Apollo high resolution photography Progress report, 1-31 Apr. 1971	1971
19710078182	Study of the possible role of pollution in the prevalence of sea nettles in the Chesapeake Bay and the development of a census taking method Monthly progress report, Apr. 1971	1971
19710078183	Self evacuating multilayer insulation for space shuttle vehicles Progress report, 1-30 Apr. 1971	1971
19710078184	Effect of environment on insulation materials Monthly technical progress report, 1-30 Apr. 1971	1971
19710078186	Theory of collisional Langmuir probes Final report, Nov. 1969 - Nov. 1970	1971
19710078192	Properties of unidirectional epoxy composites reinforced with graphite fibers	1971
19710078193	Electrical evaluation of the AN/UPA-60/V/ IFF decoder Final report	1971
19710078196	Cycle testing of cryogenic expulsion bellows Monthly technical progress report, Apr. 1971	1971
19710078197	Hydrogen-oxygen catalytic ignition and thruster investigation Monthly progress report, 27 Mar. - 23 Apr. 1971	1971
19710078198	Study of inducer load and stress Monthly progress report, Apr. 1971	1971
19710078208	Vapor formation at aircraft engine fuel inlet with fuel temperatures above 150 F exploratory, investigation of	1971
19710078209	Performance study of Hewlett-Packard model 5360A computing counter Interim report	1971
19710078212	Composite overwrapped metallic tanks Monthly progress report, 21 Apr. - 20 May 1971	1971
19710078215	Theoretical assessment of the general stability and gust response characteristics of STOL aircraft	1971
19710078216	Binder model system to be used for the determination of prepolymer functionality Progress report	1971
19710078217	Advanced techniques for determining long term compatibility of materials with propellants Quarterly report	1971
19710078218	Investigation of boundary layer transition Progress report, 1 Jan. - 31 Mar. 1971	1971
19710078220	Negative film - Automatic electronic grading	1971
19710078221	Study of dynamic interactions of solar cell arrays with space stations and the development of solar array structural requirements. Analysis methods Interim report	1971
19710078222	Application of quasilinearization techniques to the analysis of aerodynamic noise fields Quarterly progress report, 1 Feb. - 30 Apr. 1971	1971
19710078224	Nuclear flight system definition study, phase 3. Volume 4 - Cost data	1971
19710078225	Rubidium Gas Cells Studies	1971
19710078226	Control power requirements of VTOL aircraft Quarterly status report, 1 Jan. - 31 Mar. 1971	1971
19710078227	Laboratory CO2 photolysis studies related to planetary atmospheres Semiannual report, 15 Nov. 1970 - 15 May 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078228	Experimental investigation of combustor effects on rocket thrust chamber performance Quarterly report, period ending 1 May 1971	1971
19710078229	Topics in structural dynamics Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710078230	Quarterly status report, 1 January - 31 March 1971	1971
19710078231	Research on bearing lubricants for use in high vacuum Quarterly progress report, 1 Feb. - 30 Apr. 1971	1971
19710078233	Analyses of NASA/DOD space applications and transportation system requirements/effectivity study Monthly progress report, Apr. 1971	1971
19710078237	SIMCE users manual, volume 4	1971
19710078238	The effects of series truncation on estimates and the transformation of errors Semiannual status report, 1 Sep. 1970 - 1 Apr. 1971	1971
19710078242	Evaluation of Sundstrand 30 KVA constant speed drive redesigned self aligning input spline shafts Final report, Oct. 1968 - Nov. 1970	1971
19710078243	A review of the integrated circuits in thin layer hybrid technology for digital applications	1971
19710078254	Passive improvement for the AN/AQS-13 helicopter sonar system /U/	1971
19710078258	Electro-optical parametric study /U/ Technical report, 6 May 1968 - 10 Oct. 1969	1971
19710078267	Analysis of gases evolved during charge of nickel cadmium aircraft battery Final report	1971
19710078269	Development of fracture toughness properties of D6-AC steel for F-111 applications Final report, Apr. - Oct. 1970	1971
19710078270	Performance of the Thiokol TE-M-364-4 motor in the spin mode at simulated altitude conditions development Final report	1971
19710078290	Evaluation of the feasibility of using internal redundancy to detect and isolate on board control data instrumentation failures Final report, Nov. 1969 - Oct. 1970	1971
19710078291	Production engineering measure for quartz crystal unit CR-/XM-71//U Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710078296	Navy Long Wave Propagation Center - Coverage predictions for the Navy, fixed, VLF transmitter facilities for March through May /U/ Final report	1971
19710078298	The 60/18 millimeter image intensifier tubes /U/ Final technical report	1971
19710078300	Microwave target designator /U/ Final report, 10 Mar. - 23 Nov. 1970	1971
19710078303	A synthesis of design data relating to existing and near future air cushion vehicles Final report	1971
19710078304	Scintillation characteristics of aircraft targets	1971
19710078305	Exploratory development of a hip pack control unit, volume 1 Final report, Jun. 1970 - Jan. 1971	1971
19710078306	A data editor for the Digital Auxiliary Data System /DADS/, volume 2	1971
19710078307	A load mismatch protection circuit for a 20-watt broadband 225-MHz to 400-MHz power amplifier	1971
19710078308	The use of polyamide coatings for fretting corrosion protection	1971
19710078312	Program to develop high strength aluminum powder metallurgy products. Phase 1 - Process optimization Final report, 21 Jan. 1970 - 20 Jan. 1971	1971
19710078314	Specification rocket test for turbojet/turbofan missile gas ingestion	1971
19710078320	Turbine casing sealant test Final report	1971
19710078321	Noncontacting measuring device to indicate deflection of turbopump internal rotating parts Monthly progress summary	1971
19710078322	Basic criteria for overall systems approach to fire protection at NASA tracking stations	1971
19710078323	Cryogenic filament-wound tank evaluation Monthly progress report, 1 Apr. - 1 May 1971	1971
19710078324	Study of advanced techniques for determining the long term reliability of components Monthly progress report	1971
19710078325	Effect of inlet contour on the interaction of a shock with a reduced section in a shock tube	1971
19710078328	Development of production manufacturing techniques for application of protective coatings to thoria dispersion strengthened alloys Interim technical report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710078329	Study of growth in recent and fossil invertebrate exoskeletons and its relationship to tidal cycles in the earth-moon system Semiannual report, 1 Oct. 1970 - 31 Mar. 1971	1971
19710078333	Manufacturing methods for high strength high modulus glass fiber Interim technical report, Oct. - Dec. 1970	1971
19710078336	The study of crack criticality in solid rocket motors Final report, 3 Nov. 1969 - 31 Jan. 1971	1971
19710078340	Dupont type 111R film Final report	1971
19710078341	Examination of an F-8K aircraft horizontal tail stabilizer /horn-shaft/ assembly Final report	1971
19710078342	Project ALARR phase C supersonic and transonic launches Technical report, 1 Jul. 1965 - 13 Nov. 1967	1971
19710078343	Radar techniques program, division 6 Quarterly technical summary report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710078345	Investigation of the feasibility of developing low permeability polymeric films Monthly technical progress report, 1-31 Apr. 1971	1971
19710078346	Manufacturing methods and technology for processing cobalt samarium magnets Interim technical report, 16 Nov. 1970 - 15 Feb. 1971	1971
19710078350	Manufacturing methods for producing large diameter close tolerance superalloy castings Interim engineering progress report, 1 Aug. 1970 - 31 Jan. 1971	1971
19710078352	Investigation of 10.6 micron propagation phenomena Technical report, 8 Jul. 1970 - 8 Jan. 1971	1971
19710078358	Research study for the design development, fabrication, and delivery of heavy duty landing mat Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078360	Metallic positive expulsion bellows for cryogenic propellants Monthly progress report, period ending 30 Apr. 1971	1971
19710078364	Analysis of solar wind structural data Semiannual status report, 1 Dec. 1970 - 30 May 1971	1971
19710078365	TF-34-GE-2 engine preliminary flight rating test Summary report	1971
19710078366	Dual-mode high power density fuel cell power system Final report, 17 Nov. 1969 - 17 Jan. 1971	1971
19710078370	Development of a liquid helium dewar for a rocket borne superconducting magnet Final report, Jun. 1969 - Oct. 1970	1971
19710078371	Microwave solid state device and circuit studies Quarterly progress report, 1 Sep. - 1 Dec. 1970	1971
19710078372	Optical technology Interim report	1971
19710078374	Electromagnetic interference environment measurement and prediction considerations	1971
19710078375	Haze filter for strike camera Final report	1971
19710078376	Failure mechanism studies on multilevel metallization systems for LSI Technical report, 20 May - 19 Nov. 1970	1971
19710078377	Aerodynamic and wing flow visualization characteristics of a typical fighter aircraft model at transonic Mach numbers Final report	1971
19710078379	Slot-fed stub antenna on a ground plane	1971
19710078381	Review of recent developments - Refractory metals	1971
19710078384	A study of optimal file assignment and communication network configuration in remote access computer message processing and communication systems	1971
19710078386	Fibre optic mixing probe feasibility study Final comprehensive report, Jun. 1969 - May 1970	1971
19710078390	First article tests, authorized by AIRTASK A05-536-805/323-2/6178 of two, lead-acid aircraft batteries manufactured by Gould, Inc. Final report	1971
19710078391	Leakage of shear valve propellant fittings P/N 403222 from the AQM-37 A target propulsion system	1971
19710078392	High Mach number/high advance ratio flight test program with the high performance UH-1 compound helicopter Final report	1971
19710078393	Surface microsonics in isotropic media Final report, 18 Nov. 1969 - 18 Dec. 1970	1971
19710078394	Stress corrosion of metal tank materials Monthly progress report, 1-30 Apr. 1971	1971
19710078395	Fracture characteristics of structural aerospace alloys containing deep surface flaws Monthly progress report, 1 - 30 Apr. 1971	1971
19710078397	Aircraft landing gear dynamic loads from operation on clay and sandy soil Final report, May 1967 - Feb. 1969	1971
19710078398	Approaches to ladder structures. 6 - Condensation polymerization of some difunctional derivatives related to 4H 3, 1-benzoxazine-4-one with certain aromatic diamino dicarboxylic acids, esters or aromatic tetraamines Technical report, Mar. 1967 - Aug. 1969	1971
19710078401	Report of test on relays, electromagnetic phase sequence /electronic/, hermetically sealed with DPDT contacts, 3 amperes maximum, MIL-R-57E and MIL-R-5757168/EC/ Final engineering development report	1971
19710078402	Air Force reusable rocket engine program XLR129-P-1, volume 1 Final report, 6 Nov. 1967 - 15 Aug. 1970	1971
19710078403	Air Force reusable rocket engine program XLR/29-P-1, volume 2 Final report, 6 Nov. 1967 - 15 Aug. 1970	1971
19710078404	Air Force reusable rocket engine program XLR129-P-1, volume 3 Final report, 6 Nov. 1967 - 15 Aug. 1970	1971
19710078405	Model HH-3A /SAR/ helicopter development program monitor - Special performance evaluation Interim report, 11 Jan. - 20 Feb. 1971	1971
19710078407	Determining the frictional stresses in the roll gap between rollers and rolled material	1971
19710078409	Fairchild-Hiller transportable film destruction and silver reclamation processor Final report	1971
19710078411	Review of recent developments - Aluminum and magnesium	1971
19710078412	A-37 NLG 6.00-6 Goodyear wheel tie bolt torque test	1971
19710078417	Fiber glass supports for cryogenic tanks Monthly activity report, 1 - 31 Mar. 1971	1971
19710078418	Investigation of warm fog properties and fog modification concepts. Project Fog Drops Quarterly progress report	1971
19710078425	Investigation of electronic ceramics as sensors in fiber and filament form Final report, 16 Feb. 1970 - 1 Feb. 1971	1971
19710078426	Determination of the piezoresistive coefficient of a 1-ohm manganin in C-7 epoxy pressure transducer Technical report, 1 Oct. 1969 - 15 Mar. 1970	1971
19710078430	On the calculation of the pressure fluctuation in a vibrating propellant tank	1971
19710078431	Effect of S-1C CECO time on maximum vehicle g levels	1971
19710078438	Water exposure of stressed graphite fiber composites Annual report, Jul. 1968 - Jul. 1970	1971
19710078446	Development of design data for graphite reinforced epoxy and polyimide composites Monthly progress report, 1 - 31 Mar. 1971	1971
19710078447	LSI correlator Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710078448	Study of multi-satellite, multi-measurement of the structure of the earth's bow shock Quarterly report	1971
19710078449	Tempsat 2	1971
19710078450	Diatomic molecular transition probabilities Technical report, 17 Sep. 1969 - 17 Sep. 1970	1971
19710078451	Sustaining engineering annual report for 1970	1971
19710078452	AN/PPS-18 /XN-1/ ultra reliable radar Interim development report, 1-28 Feb. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078454	Spatial and spectral studies of solar phenomena Quarterly progress report, 1 Mar. - 28 May 1971	1971
19710078455	Establishment of manufacturing techniques for back tension drawing of titanium Interim engineering report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710078456	Diazo printing light source Final report, Nov. 1969 - Mar. 1970	1971
19710078458	JFET transient radiation response	1971
19710078459	Atmospheric absorption and diffusion of light, part 1 and 2	1971
19710078460	Multifunction bulk effect integrated circuits Quarterly progress report, 1 Jul. - 30 Sep. 1970	1971
19710078461	Form rolling structural shaped tubing Final technical report, 1 Jun. 1967 - 31 Dec. 1971	1971
19710078462	Antistatic treatment and the antistatic mechanism for polymers	1971
19710078464	Battery charger PP-4126/ //U Final report, 1 Jul. 1969 - 30 Jul. 1970	1971
19710078467	Military utilization study of adaptive learning system	1971
19710078468	The region of the lunar surface accessible during March of 1972 /Apollo 16/ and December of 1972 /Apollo 17/	1971
19710078469	The effect of surface conditions on the work function of insulators and semiconductors Quarterly report	1971
19710078470	Vibration in equipment compartment, forward fuselage, and AN/DRW-29 receiver in the BQM-34A target	1971
19710078472	Report of test on indicator lights, 2-lamp, display type, matrix assembly, style LHC 91 of MIL-L-3661/50A /EC/ and MIL-L-3661B Final engineering development report	1971
19710078474	Design and development of high charge rate nickel cadmium batteries Semiannual report, Mar. - Sep. 1970	1971
19710078475	Thin film capacitors for integrated circuits Final technical report, 7 Jul. 1969 - 6 Nov. 1970	1971
19710078477	Long life sealed CO2 laser	1971
19710078479	High capacitance thin film structures Quarterly progress report, 16 Sep. - 15 Dec. 1970	1971
19710078480	Integrated medical and behavioral laboratory measurement system functional breadboards applications Final report	1971
19710078481	Determination of attachment and recombination rates in ionized gases Technical report, Dec. 1968 - Dec. 1969	1971
19710078485	Manufacturing methods for producing beryllium oxide single crystals Final report, 1 Jul. 1968 - 31 Dec. 1970	1971
19710078486	Report on the hybrid integrated logic circuits under development at the Industrial Research Institute for Electronics	1971
19710078488	Low band-gap junction detector Final report, 20 Jun. 1969 - 20 Sep. 1970	1971
19710078489	Detection of weld cracking in HY-80 and HY-130 steels by stress-wave emission Final report	1971
19710078494	Electron physics research Quarterly report, 1 Oct. - 30 Dec. 1970	1971
19710078499	Bipolar/MOS high speed divider and phase comparator Final technical report, 1 Jul. 1969 - 30 Jun. 1970	1971
19710078502	Applications of non linear viscoelasticity and cumulative damage - A realistic evaluation of real propellant behavior Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710078506	Operational and mission suitability evaluation of prototype Crash Position Locator/Flight Data Recorder /CPL/FDR/ for C-2 airplane Interim report	1971
19710078507	An experimental/theoretical correlation of model and full-scale rotor performance at high advancing-tip Mach numbers and high advance ratios Final report	1971
19710078508	Human factors research techniques with television	1971
19710078509	Effect of finite sampling rates on smoothing the output of a square law detector with narrow band input	1971
19710078511	Effect of sulfur in JP-5 fuel on hot corrosion of turbine blade materials in marine environment Final report, 16 May - 16 Nov. 1970	1971
19710078512	Service test of C-5A aircraft /air movement/ Partial report no. 1, Dec. 1969 - Dec. 1970	1971
19710078514	Interfacing the NRL universal magnetic head to RO-219/F and RO-247/F type equipments Final report	1971
19710078515	Technical evaluation of universal radarscope recorder Final report	1971
19710078516	T55 product support and component improvement programs Final report, 1 Jan. - 31 Dec. 1970	1971
19710078517	TF34-GE-2 engine preliminary flight rating test. Volume 3, part 2 - Components pre- PFRT simulated operation tests	1971
19710078518	TF34-GE-2 engine preliminary flight rating test. Volume 3, part 1 - Components pre- PFRT simulated operation tests	1971
19710078519	F-111 emergency braking test Final report	1971
19710078520	Investigation of Swept Frequency Modulation /SFM/ on a short ionospheric path	1971
19710078526	K-space formulation of the electromagnetic scattering problem Final report, 1 Dec. 1969 - 31 May 1970	1971
19710078538	Investigation of the effect of metallurgical structure and properties of the adhesion and friction behavior of cobalt alloys	1971
19710078542	Trip report - Meeting at MSC to review lunar surface VHF communications for Apollo 15	1971
19710078553	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy Semiannual progress report, 1 Oct. 1970 - 31 Mar. 1971	1971
19710078557	Production missile testing of AIM-7E-2 lot 15/16 retest /U/	1971
19710078561	Aeronautical systems technology needs - Escape, rescue, survival /U/ Annual report, 1970	1971
19710078562	Aeronautical systems technology needs - Test facilities and test equipment /U/ Annual report, 1970	1971
19710078588	Technical evaluation of decoder group AN/UPA-59/V/ Final report	1971
19710078589	Development of avionics reliability prediction techniques	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078590	Franck-Condon factors for various air species Technical report, Jul. 1967 - Sep. 1968	1971
19710078591	Use of water displacing corrosion preventive compound /MIL-C-81309A/ on aircraft electrical connectors	1971
19710078593	Magnetic fluid seals for underwater shafts - A feasibility study	1971
19710078595	Battery charger PP-6309 /U/ Final report, 1 Jul. 1969 - 30 Jul. 1970	1971
19710078597	Kinetics and mechanisms of thermal degradation of polymers using time of flight mass spectrometry for continuous gas analysis, part 2 Summary report, Nov. 1969 - Nov. 1970	1971
19710078598	Hypervelocity impact experiment, phase 2 Technical report, Jun. 1969 - Jul. 1970	1971
19710078599	Recovery characteristics of a single-shielded self-aspirating thermocouple probe at low pressure levels and subsonic speeds Final report, Sep. 1968 - Jun. 1970	1971
19710078600	Production engineering measure - Computer aided design for integrated circuits. System concept study and preliminary specification	1971
19710078601	Infrared 10.6 micrometer monopulse receiver system Semiannual report, 15 Jul. 1970 - 1 Jan. 1971	1971
19710078603	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors Quarterly report, 13 Sep. - 13 Dec. 1970	1971
19710078604	Definitions and acoustical terms, revision 2	1971
19710078614	Prior experience with the Skylab airlock battery cell	1971
19710078615	LRV navigation system realignment requirements for the Apollo 15 traverses as revised 28 January 1971	1971
19710078616	Operations management of the space station and space shuttle in an austere environment. Sizing the system	1971
19710078617	Visibility during a stand-up seva from selected locations in the Hadley-North area	1971
19710078620	Determination of NGTM nuclear radiation environment and E/STS 2-3 shielding requirements	1971
19710078626	Design and development of diborane shipping container Quarterly progress letter, 7 Feb. - 6 May 1971	1971
19710078627	Space vehicle integrated thermal protection/ structural/meteoroid protection system Monthly progress report, 15 Apr. - 15 May 1971	1971
19710078628	Space shuttle auxiliary propulsion system - Hydrogen-oxygen APS engines Quarterly technical progress narrative no. 3, Jan. - Mar. 1971	1971
19710078629	GUIDE 71/4 program documentation Interim report, Mar. 1970 - Mar. 1971	1971
19710078630	High altitude radiation measurements Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710078631	Hydrogen-oxygen catalytic ignition and thruster investigation Quarterly progress report, 26 Dec. 1970 - 26 Mar. 1971	1971
19710078632	Canadian security, sovereignty, and national development - Possible contributions by the Armed Forces and the Defence Research Board	1971
19710078633	Study of low gravity propellant transfer Monthly progress report, 1-31 May 1971	1971
19710078638	Development of an 8 inch focal length F/1.2 aerial reconnaissance lens Final report	1971
19710078639	Conduct research on the effects of very strong magnetic fields and of magnetic field free environments on man and animals Progress report, 1 Feb. - 30 Apr. 1971	1971
19710078640	Apollo 15 descent orbit insertion and adjustments	1971
19710078641	Hard ice formation on a heat sink booster	1971
19710078642	Contents of AF/RPL orbit-to-orbit propulsion study	1971
19710078663	The round-jet/plane-wall flow field Semiannual status report	1971
19710078664	Graphic illustrations, operation and maintenance records. Titan 3 remote multiplexed instrumentation system. Airborne instrumentation equipment CEI 1533000, ground instrumentation equipment CEI 1543000 and aerospace ground equipment CEI 1756000	1971
19710078665	Development and evaluation of a flight attenuation model Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710078666	Monolithic infrared mosaic sensors /3d year/ Final technical report, 16 Nov. 1969 - 31 Jan. 1971	1971
19710078667	Synthesis of sequential switching circuits with temporary storage by means of time operators	1971
19710078672	Pin-point propulsive soft landing of a ballistic vehicle	1971
19710078673	Saturn 5 payload capability increase from S-IC pitch profile optimization	1971
19710078674	The effect of approach azimuth and sun elevation at LM landing on mission design for Apollo 16 and 17, Descartes or Copernicus	1971
19710078676	The study of optical properties and collective oscillations in new solid state materials as a function of temperature using infrared and Raman techniques Semiannual report, 16 Nov. 1970 - 15 May 1971	1971
19710078679	The NASA multidisciplinary grant NGL 05-018-044 Quarterly progress report	1971
19710078683	Aunified metabolism detector for Mars - A new approach developed from research on extraterrestrial life detection by enzymatically induced exchange of O 18 Quarterly status report, 5 Feb. - 5 May 1971	1971
19710078725	Influence of rocket booster location on aerodynamic stability of AMC action missile at Mach numbers from 0.3 to 1.2 Final report	1971
19710078729	Gamma rays /250 keV-2.3 MeV/ from NP0532	1971
19710078732	Investigation of electrical characteristics of high-voltage PNP inverter switch manufactured by General Electric Company	1971
19710078734	Development of high temperature materials for solid propellant rocket nozzle applications Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710078735	Quarterly status report, 1 March - 1 June 1971	1971
19710078736	An investigation of the properties of new semiconducting alloys and their application to luminescent devices Semiannual status report, 13 Sep. 1970 - 12 Mar. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078737	Study of advanced techniques for determining the long term reliability of components Quarterly progress report, 14 Feb. - 14 May 1971	1971
19710078738	Basic research in solar physics Technical report, 1 Sep. 1970 - 1 Mar. 1971	1971
19710078739	Apollo 15 walking traverse review	1971
19710078740	Apollo 15 - Potential photographic coverage in retargeting for a lunar orbit-only mission	1971
19710078741	The European space shuttle structures and materials technology programs	1971
19710078742	Logic tree for APS-2 targeting strategy for S-4B lunar impact	1971
19710078743	Review of lunar orbital scientific data recovery capability	1971
19710078744	Review and presentation of the Apollo 15 in-flight EVA status and concerns	1971
19710078745	Constraints on the CSM attitude at SIM door jettison	1971
19710078746	Thermal design of the surface electrical properties experiment	1971
19710078747	Development of a position sensitive X-ray detector for use in a light weight X-ray diffractometer Quarterly report, 1 Feb. - 30 Apr. 1971	1971
19710078748	Sounding rocket program Quarterly report, 1 Dec. 1970 - 31 May 1971	1971
19710078749	Cosmic ray investigations utilizing an emulsion chamber-calorimeter combination, supplement 5 Semiannual status report, 1 Jan. - 30 Jun. 1971	1971
19710078752	National Aeronautics and Space Administration space cell test program Monthly progress report	1971
19710078753	Space shuttle auxiliary propulsion /APS/ valves Monthly technical progress narrative, Apr. 1971	1971
19710078754	Optical investigations of noncrystalline semiconductors Progress memorandum, 1 Dec. 1970 - 31 May 1971	1971
19710078755	Main propulsion selections, pre-phase a NASA space tug studies	1971
19710078756	Computer analysis of spacecraft antennas Semiannual status report, 15 Nov. 1970 - 15 May 1971	1971
19710078757	A theoretical and flight test study of pressure fluctuations under a turbulent boundary layer Semiannual status report	1971
19710078762	An electromagnetic resonance dipole radiator in free space	1971
19710078766	Theoretical and experimental investigations of collective microwave phenomena in solids Quarterly status report, 1 Jan. - 31 Mar. 1971	1971
19710078767	Behavior of nozzles and acoustic liners in three-dimensional acoustic fields Quarterly report, 1 Mar. - 31 May 1971	1971
19710078778	Cycle testing of graphite filament wound pressure vessels Quarterly progress report, 26 Mar. - 25 Jun. 1971	1971
19710078779	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle Monthly progress report, 1-31 May 1971	1971
19710078780	Advanced techniques for determining long-term compatibility of materials with propellants Monthly letter report, May 1971	1971
19710078781	Activities of the NASA sponsored SRI technology applications team in transferring aerospace technology to the public sector Monthly status report, 1-31 May 1971	1971
19710078782	Infrared laboratory studies of synthetic planetary atmospheres Semiannual status report, 1 Dec. 1970 - 31 May 1971	1971
19710078783	Fluorine lubricated bearing technology Monthly report, May 1971	1971
19710078784	Payload effects analysis study Monthly progress report	1971
19710078785	Interaction of the solar wind with the moon and planets Status report, 1 Jun. 1970 - 31 May 1971	1971
19710078789	Cryogenic research and development Progress report, period ending 31 Mar. 1971	1971
19710078790	Two phase oxygen inducers Quarterly progress report, period ending 30 Apr. 1971	1971
19710078798	Application of digital computer techniques to rectification and enhancement of astronomical images Technical report, 1 Aug. 1970 - 31 Mar. 1971	1971
19710078799	Stratoscope 2 Progress report, 1 May 1970 - 30 Apr. 1971	1971
19710078801	Kinetic theory of a two-dimensional magnetized plasma	1971
19710078803	Investigation of the performance of low disc loading tilt rotors in hovering and cruise flights. Volume 2 - Wind tunnel program details	1971
19710078804	Investigation of instabilities in atmospheric flow systems associated with clear air turbulence Quarterly progress report, 16 Feb. - 15 May 1971	1971
19710078805	Theoretical research on plasma turbulence involving binary particle collisions and effects Quarterly progress report, 16 Mar. - 11 Jun. 1971	1971
19710078806	Metal tank fracture and design criteria Monthly progress report, 1-31 Mar. 1971	1971
19710078808	Self evacuating multilayer insulation for space shuttle vehicles Progress report, 1 - 31 May 1971	1971
19710078822	Solid state studies in ceramic alloys Quarterly progress report, 1 Mar. - 31 May 1971	1971
19710078824	Metal tank fracture and design criteria Monthly progress report, 1-31 May 1971	1971
19710078826	The 1970 product support program for Navy A-24 and A-24-1 starters Final report, 5 Jan. - 31 Dec. 1970	1971
19710078827	Calculation of physical properties of diatomic molecules Quarterly report, 18 Dec. 1970 - 17 Mar. 1971	1971
19710078829	Hydrogen film/conductive cooling Monthly technical progress narrative, 26 Apr. - 30 May 1971	1971
19710078833	Production engineering measure for integrated amplifier circuit XM596 Quarterly progress report, 15 Sep. - 15 Dec. 1970	1971
19710078835	A simplified method of forming thin walled pressure vessels	1971
19710078836	Research and investigation of gas dynamic lasers Bimonthly progress report, 10 Apr. - 9 Jun. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078837	Far infrared rocket astronomy Final report, 1 Jun. 1965 - 30 Nov. 1969	1971
19710078839	Space vehicle integrated thermal protection/ structural/meteoroid protection system Monthly progress report, 15 May - 15 Jun. 1971	1971
19710078853	Pennsylvania-Princeton Army Avionics Research program, Millimeter Wave Image Conversion task - Mathematical analysis and evaluation of millimeter wave image conversion systems	1971
19710078859	Experimental study of spray disintegration in accelerating flow fields Monthly progress report, period ending 10 Jul. 1971	1971
19710078866	Fiber glass supports for cryogenic tanks Monthly report, 1-30 Apr. 1971	1971
19710078868	Regeneratively cooled rocket engine for space storable propellants Quarterly report, period ending 1 May 1971	1971
19710078869	Effect of environment on insulation materials Monthly technical progress report, 1-31 May 1971	1971
19710078870	Contract for regeneratively cooled graphite- lined thrust chamber Monthly report, 26 Apr. - 30 May 1971	1971
19710078876	Forming titanium alloy stringer sections under hydrostatic pressure Interim engineering progress report, 15 Dec. 1970 - 15 Mar. 1971	1971
19710078877	Evaluation of a reliability analysis approach to fatigue life variability of aircraft structures using C-130 in service operational data Final report, Feb. - Oct. 1970	1971
19710078880	Translations on French nuclear, missile, space, and related military developments - French irradiation reactors, no. 276	1971
19710078881	Translations on French nuclear, missile, space, and related military developments, no. 275	1971
19710078882	Choice of display phosphors - A theoretical study of the colorimetric consequences	1971
19710078883	Complexity problems and formal language theory Semiannual status report	1971
19710078890	Properties of 10 Ni-Co-Cr-Mo steel weldments	1971
19710078891	Vapor decomposition by microwave discharge Quarterly progress report, 7 Nov. 1970 - 7 Feb. 1971	1971
19710078893	Second quarter fiscal year 1971 applied optics research report, 1 October - 31 December 1970	1971
19710078894	Ambient temperature cure catalysts for carboxy binder systems. Continued evaluation of catalysts for epoxy system catalyst selection for aziridine cure Interim technical report, 16 Aug. 1970 - 15 Feb. 1971	1971
19710078895	Galvanomagnetic effects of hot electrons in gallium arsenide Interim technical report	1971
19710078896	Improvement of titanium alloy ingot consolidation Interim technical report, Nov. 1970 - Feb. 1971	1971
19710078897	Quarterly technical summary report, January - March 1971	1971
19710078898	Long-term storability of propellant tankage and components Interim report, Feb. - Dec. 1970	1971
19710078900	Performance analysis of flared connectors Technical report, May 1966 - Feb. 1967	1971
19710078902	Behavior of array antenna patterns of waveguide elements on large conducting cylinders Research and development report	1971
19710078903	F-14 aircraft aircrew escape system, operational aeromedical and human factors, maintainability and engineering evaluation and systems development monitoring of Interim report, Jan. - Feb. 1971	1971
19710078904	Search and rescue communications, Global Rescue Alarm Net /GRAN/ Interim report	1971
19710078905	High power ferrite gas duplexer Final report, 11 Jun. 1964 - 31 Jan. 1971	1971
19710078906	Static and dynamic stability investigations of bombs for the modular weapon system at transonic Mach numbers Final report, 10 Jun. - 20 Nov. 1970	1971
19710078911	MHU-79/C Clip-in static testing	1971
19710078912	Simulation of radiation effects on semiconductors using analog computer techniques Technical report, 1 Jul. 1968 - 30 Jun. 1969	1971
19710078914	Thermoelectric air conditioning system Final report, 30 Jun. 1970 - 26 Feb. 1971	1971
19710078915	Production engineering measure for solid state photodetectors Quarterly progress report, 23 Oct. 1970 - 22 Jan. 1971	1971
19710078920	Binder model system to be used for the determination of prepolymer functionality Quarterly report, 19 Feb. - 19 May 1971	1971
19710078922	An unforced adjustment of the West German contribution to the European triangulation net /RETrig/	1971
19710078923	Space shuttle engine auxiliary propulsion system - Hydrogen-oxygen APS engines Monthly technical progress narrative, Apr. 1971	1971
19710078924	Laser system of extended range Progress report, 1 Jan. - 30 Apr. 1971	1971
19710078925	Devices and techniques with applications to airborne solid state phased array radar Final technical report, May 1968 - Sep. 1970	1971
19710078927	On gravimetric effects of cylindrical underground masses	1971
19710078929	Jovian satellite eclipse Two month interim report	1971
19710078935	Practical laser Doppler anemometer	1971
19710078936	On entire functions which have all their zeros on a straight line	1971
19710078942	Experimental investigation of combustor effects on rocket thrust chamber performance Monthly status report, period ending 1 Jun. 1971	1971
19710078943	Surface properties of thermionic electrodes Quarterly status report, 1 Feb. - 30 Apr. 1971	1971
19710078944	Study of bipropellant shutoff valves Monthly report, 1 May - 1 Jun. 1971	1971
19710078945	Investigation of thermally induced index changes in gases Quarterly report, 22 May - 22 Aug. 1970	1971
19710078949	Shuttle teleoperator systems human factors design requirements Progress report, May 1971	1971
19710078953	Correlation of parachute deployment time with length of time packed Final report	1971
19710078958	Annual report, 1 February 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710078963	Multidisciplinary research leading to utilization of extraterrestrial resources Quarterly status report, 1 Jan. - 1 Apr. 1971	1971
19710078964	Thermal Skin fabrication technology program Monthly progress report, May 1971	1971
19710078965	Cycle testing of cryogenic expulsion bellows Monthly progress report, May 1971	1971
19710078966	Composite overwrapped metallic tanks Monthly progress report, 21 May - 20 Jun. 1971	1971
19710078967	Analyses of NASA/DOD space applications and transportation system requirements - Effective study Monthly progress report, May 1970	1971
19710078968	Study of the possible role of pollution in the prevalence of sea nettles in the Chesapeake Bay and the development of a census taking method Monthly progress report, May 1971	1971
19710078969	Hypersonic aerodynamic characteristics and control effectiveness of a single body canard configuration as a proposed space shuttle booster vehicle, M equals 7.4	1971
19710078974	Genetic and metabolic variability in autotrophic and heterotrophic bacteria Status report, 1 Nov. 1970 - 30 Apr. 1971	1971
19710078975	Assistance to the NASA industrial application program Annual report, 1 May 1970 - 1 May 1971	1971
19710078976	Shuttle teleoperator systems human factors design requirements Progress report, 10 Mar. - 30 Apr. 1971	1971
19710078980	Boundary cooled rocket engines for space storable propellants Monthly status report, period ending 1 Jun. 1971	1971
19710078981	Hydrogen-oxygen catalytic ignition and thruster investigation Monthly progress report, 24 Apr. - 21 May 1971	1971
19710078982	Property determination of sprayed coatings Monthly technical progress report	1971
19710078983	Regeneratively cooled rocket engine for space storable propellants Monthly status report, period ending 1 Jun. 1971	1971
19710078984	Oxygen system depletion rate study using the A/P225-2 full pressure suit /subject at rest/ Final report	1971
19710078985	Development of infrared antireflection coating for GE33SE55As12 glass Final technical report, Apr. 1970 - Jan. 1971	1971
19710078986	High efficiency solid state microwave amplifier Final technical report, Dec. 1969 - Dec. 1970	1971
19710078989	Boundary layer control of missile thrust vector Final technical report, 2 Feb. 1970 - 1 Feb. 1971	1971
19710078990	Fiber glass supports for cryogenic tanks Monthly activity report, 1 May - 31 May 1971	1971
19710078991	Design and development of diborane shipping container Monthly status letter no. 31, 7 May - 6 Jun. 1971	1971
19710078993	High pressure reverse flow APS engine Monthly progress report, period ending 31 May 1971	1971
19710078994	Heat pipe technology for advanced rocket thrust chambers Monthly status report, Apr. - May 1971	1971
19710078995	Two-phase oxygen inducers Monthly progress report	1971
19710078996	Precision mapping of the seafloor Final technical report, Jul. 1969 - Jun. 1970	1971
19710078997	Investigation of thermal insulating materials for deep ocean habitat environment	1971
19710078998	Exploration and development of a 3.2 millimeter wave magnetron for helicopter service Quarterly engineering report, 11 Dec. 1970 - 11 Mar. 1971	1971
19710078999	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres Semiannual status report, 1 Dec. 1970 - 31 May 1971	1971
19710079003	A computational method for two dimensional, axisymmetric and three dimensional, blunt body flows /program attack/ technical report, Oct. 1969 - Jun. 1970	1971
19710079004	Feed system instabilities Monthly progress report, 1-31 May 1971	1971
19710079008	Quarterly progress report, 4 January - 4 April 1971	1971
19710079009	Dynamics of a liquid filled shell - Treatment of cavities with partial bursters	1971
19710079010	Production engine report, T53-L-13B	1971
19710079012	Semiannual status report, November 1970 - 30 April 1971	1971
19710079021	Cryogenic filament wound tank evaluation Monthly progress report, 1 May - 1 Jun. 1971	1971
19710079026	Fluid dynamics aspects of cardiovascular behavior during vibration Quarterly progress report	1971
19710079027	Annual report	1971
19710079031	Design, testing, and general analytical effort for investigation of tandem row high head pump inducer Progress report, 13 Apr. - 31 May 1971	1971
19710079041	Apollo Mission J1/LM-10/DPS preflight performance report	1971
19710079047	Investigations in space related molecular biology Semiannual progress report, 1 Jan. - 30 Jun. 1971	1971
19710079050	Fracture characteristics of structural aerospace alloys containing deep surface flaws Monthly progress report, 1-31 May 1971	1971
19710079051	Space shuttle auxiliary propellant valves Quarterly progress report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710079055	Shock wave and boundary layer formation and corner flow phenomena in rarefied hypersonic flow Monthly progress report, 26 Apr. - 26 May 1971	1971
19710079056	The lunar laser ranging experiment at McDonald Observatory Semiannual report, 1 Sep. 1970 - 1 Mar. 1971	1971
19710079058	Suppression of combustion oscillations with mechanical damping devices Monthly progress report, 1-31 May 1971	1971
19710079073	Unique testing facilities	1971
19710079077	Monopropellant/bipropellant TCA Informal monthly status letter, 5 Apr. - 1 Jun. 1971	1971
19710079093	Low subsonic aerodynamic characteristics of a reentry spacecraft shape with a high hypersonic lift-drag ratio /U/	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079095	Aeronautical systems technology needs - Non- propulsive energy conversion /U/ Annual report, Jan. - Dec. 1970	1971
19710079096	Aeronautical systems technology needs - Air breathing propulsion /U/ Annual report, Jan. - Dec. 1970	1971
19710079100	Aluminum hydride propellant shelflife /U/ Final report, 15 Nov. 1967 - 15 Nov. 1970	1971
19710079102	Aeronautical systems technology needs flight dynamics /U/ Annual report, Jan. - Dec. 1970	1971
19710079110	Aircraft structural fatigue life program /U/ Quarterly report	1971
19710079111	Surveillance test for RS-1401 axial engine serial number AAB0025 /U/ Final report	1971
19710079112	The 1970 annual report of the Fleet Surveillance Group /U/	1971
19710079116	Aerodynamic characteristics and control effectiveness of a single body canard configuration as a proposed space shuttle booster vehicle, M equal 0.6 to 2.0	1971
19710079117	DF interferometry of a continuous linear FM signal Final technical report, May - Oct. 1970	1971
19710079119	Supersonic jet exhaust noise Monthly progress report, 26 Apr. - 26 May 1971	1971
19710079120	NASA 6 month report Semiannual status report, period ending Jun. 1971	1971
19710079121	A study of ignimbrites in the Cordilleran region as a basis for interpretation of lunar plains Status report and review	1971
19710079122	Investigation of cryogenic rupture disc design Monthly progress report, 25 Apr. - 30 May 1971	1971
19710079128	Investigation of the performance of low disc loading tilt rotors in hovering and cruise flights. Volume 1 - Analysis and results	1971
19710079132	A 40mm gated microchannel array development /U/ Final technical report, 6 Mar. 1968 - 6 Jan. 1970	1971
19710079133	Flight testing of the TF30-P-100 engine in F-111 aircraft TAC 14 /U/	1971
19710079135	Catalog of Surveillance, Target Acquisition, Night Observation /STANO/ equipment and systems /U/	1971
19710079136	Waveforms for airborne early-warning radar /U/ Final report	1971
19710079137	Synthetic aperture helicopter radar experimental evaluation program /U/ Final report	1971
19710079140	Low-cost manufacturing methods for explosive binder ingredients /U/ Interim engineering progress report, 1 Dec. 1970 - 31 Mar. 1971	1971
19710079142	Thermally stable burning rate accelerators /U/ Quarterly progress report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710079144	Exploratory development of reduced length turbo-propulsion combustion systems. Part 2 - Component design and development /U/ Technical report, 1 Jan. 1968 - 30 Sep. 1970	1971
19710079145	Exploratory development of reduced length turbo-propulsion combustion systems. Part 3 - Full annular combustion system demonstration /U/ Technical report, 1 Jul. 1967 - 28 Feb. 1971	1971
19710079148	Evaluation of improved propulsion alternatives for Pershing /U/	1971
19710079153	Effects of oceanic fronts on sound propagation and possible implications for ASW tactics /U/	1971
19710079155	Research and development of high-density, high energy castable explosives /U/ Final technical report, 1 Apr. 1970 - 31 Dec. 1971	1971
19710079158	Multispectral Laser Reconnaissance Techniques /U/	1971
19710079162	Supercharged ejector Ramjet engine combustor investigations /U/ Final report, 21 Apr. - 23 Dec. 1970	1971
19710079167	Inlet performance characteristics of generalized 1/4 scale tactical aircraft models at transonic and supersonic Mach numbers /U/ Final report, 16 Sep. - 22 Dec. 1970	1971
19710079189	Pavement design for various levels of traffic volume Technical report, Jan. 1968 - Dec. 1970	1971
19710079194	Resource analysis of alternative airmobile terminal ICBM defense systems /U/	1971
19710079206	AGM-65A Maverick missile - Compatibility of launcher, motor, and missile /U/	1971
19710079207	Airborne MTI techniques for foliage penetration /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710079208	Intrusion Detection Fence system /IDF/ /U/ Final report, Sep. 1970 - Jan. 1971	1971
19710079215	Protective mask electronic speech devices Final report, Jul. 1969 - Jan. 1971	1971
19710079216	Production engineering measure for digital electronic fuze timer XM587E2 Quarterly reports, 1 Jun. - 30 Nov. 1970	1971
19710079241	Electromagnetic resonance, invisibility, nonuniqueness and dipole scattering of a small sphere	1971
19710079263	Computer programs for calculating and plotting the circularity of a submarine pressure hull using bridge gauge, ring template or optical square methods	1971
19710079265	Characteristics of star mapper sensors, star catalogs and computers	1971
19710079266	Altitude quality assurance test of a Thiokol TE-M-364-3 rocket motor with modified nozzle tested in the spin mode Final report	1971
19710079278	Computation of cloud backscatter power as a function of time for an active optical radar /U/	1971
19710079289	An investigation of sonic boom for straight wing and delta wing space shuttle orbiters	1971
19710079296	Surface treatment and sensitization of semiconductor photocathodes /U/ Quarterly report, Oct. - Dec. 1970	1971
19710079297	Future Undergraduate Pilot Training /UPT/. Phase 2 - Summary report. Volume 1, appendix 1 - Advanced training parametric analysis /U/ Final report, Dec. 1969 - Sep. 1970	1971
19710079300	Short contour segment evaluation program /U/ Final report, 1 Jul. 1970 - 10 Mar. 1971	1971
19710079306	Limited night recovery system /U/ Final report	1971
19710079307	Submersible surface-effect vehicles /U/	1971
19710079308	Manufacturing methods and technology measure for 18 mm microchannel plates /U/ Quarterly report, 1 Jul. - 30 Sep. 1970	1971
19710079311	Production engineering measure for a 25 mm fiber optic image inverter plate /U/ Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079312	Hypersonic aerodynamic characteristics of a delta body space shuttle orbiter	1971
19710079314	Simulation of supersonic flow over a scale model missile with aft-mounted inlets using an axisymmetric jet stretcher /U/ Final report, 1 Jan. - 30 Jun. 1970	1971
19710079317	Fast-burning rate/high slope propellant technology program /U/ Quarterly progress report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710079341	Feed system instabilities Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710079342	Advanced techniques for determining long-term compatibility of materials with propellants Monthly letter report, Jun. 1971	1971
19710079343	Aerodynamic characteristics of a space shuttle delta-wing orbiter at Mach numbers from 0.6 to 2.0	1971
19710079344	A computer program for standard statistical distributions	1971
19710079345	Analysis of the tensile test Status report, May 1971	1971
19710079349	Radioactive nondestructive test method Monthly letter report, Jan. 1971	1971
19710079360	Measurement of the ground wind structures Semiannual status report	1971
19710079361	Development of a crash resistant fuel system for the T-41B aircraft, addendum 1 Final technical report, 4 Aug. 1970 - 18 Feb. 1971	1971
19710079362	Evaluation of nondestructive testing/ inspection /NDT// equipment for leak detection Final report	1971
19710079363	Development and construction of electric field and D-dot sensors Technical report, 27 Jun. 1969 - 17 Feb. 1971	1971
19710079364	General purpose Metal Nitride Oxide Silicon /MNOS/ memory Final technical report, 28 Jun. 1968 - 4 Dec. 1970	1971
19710079367	Solid state encoding altimeter /Supermatie/ for DOD AIMS systems program office Progress report, period ending 28 Feb. 1971	1971
19710079368	Study of the basic kinetics of decomposition of MMH and MHF and the effects of impurities on their stability Quarterly report, 16 Dec. 1970 - 15 Mar. 1971	1971
19710079369	MMST projection display Final engineering report, 15 Sep. 1970 - 14 Mar. 1971	1971
19710079380	Experimental investigation of combustor effects on rocket thrust chamber performance Monthly status report, ending 1 Jul. 1971	1971
19710079381	Reusable nuclear stage advanced structures study Monthly letter progress report, 26 May - 25 Jun. 1971	1971
19710079383	Quarterly status report covering the period 1 November 1970 - 31 January 1971	1971
19710079384	Microbiological performance testing on the water management sub-system for a four-man space capsule Semiannual status report, 1 Dec. 1970 - 31 May 1971	1971
19710079385	Trapped particles at geomagnetic equator Semiannual report, 1 Oct. 1970 - 1 Apr. 1971	1971
19710079386	Structural and spectral studies of sunspots Semiannual report, 1 Sep. 1970 - 1 Mar. 1971	1971
19710079390	Real materials effects on the performance of a UV interferometer Technical report, Feb. - Jun. 1971	1971
19710079391	The solar atmosphere and the structure of active regions Quarterly status report, 1 Feb. - 30 Apr. 1971	1971
19710079418	Test and evaluation of low loss, closed loop, transfer system for filling aircraft liquid oxygen /LOX/ converters	1971
19710079424	Glass bath heating of forging stock Final technical report, 1 Aug. 1969 - 31 Dec. 1970	1971
19710079425	A FORTRAN 4 program for analyzing one- dimensional conical nozzles exhausting nitrogen gas with boundary layer corrections	1971
19710079426	Fundamental studies on reactive oligomers, part 2 Summary report, 15 Dec. 1969 - 15 Dec. 1970	1971
19710079427	Manufacturing Methods and Technology measure /MMT/ program for GaAs laser crystal Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710079428	A 300 C rotating rectifier alternator. Phase 2 - Design, fabrication, and test of alternator Interim technical report, 16 Nov. 1970 - 15 Feb. 1971	1971
19710079434	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710079437	High resolution study of the solar X-ray corona from Aerobee rocket 4.282 CS, part 1. Preliminary design for an Aerobee 350 payload - X-ray telescope and collimated Bragg spectrometer for solar physics research, part 2 Final report, Apr. 1969 - Mar. 1971	1971
19710079438	High resolution studies of the solar X-ray corona from Aerobee rockets 4.284CS and 4.285CS, part 1 Final report, 7 Aug. 1970 - 31 Mar. 1971	1971
19710079439	Final design for an Aerobee 170/350 payload - X-ray telescope and collimated Bragg spectrometer for solar physics research, part 2 Final report, 7 Aug. 1970 - 31 Mar. 1971	1971
19710079440	A study of selected radiation and propagation problems related to antennas and probes in magneto-ionic media Semiannual progress report, 1 Dec. 1970 - 1 Jun. 1971	1971
19710079441	Domestic information networks user requirements study Progress report	1971
19710079442	Semi-automated NDT for jet engine blade inspection Interim technical report, 1 Jan. - 31 Mar. 1971	1971
19710079443	Sliding-seal electron beam welding of aerospace structures Interim engineering progress report 2, 1 Nov. 1970 - 31 Jan. 1971	1971
19710079444	Research and development of frequency doubled CO2 lasers Final technical report, 1 Jan. - 31 Dec. 1970	1971
19710079445	Manufacturing methods program - 100 kW, Ku-band power amplifier Quarterly report, 1 Dec. 1970 - 1 Mar. 1971	1971
19710079446	Glass clad ruby Final technical report, 2 Feb. - 2 Oct. 1970	1971
19710079447	Low loss closed loop 50 gallon liquid oxygen transfer cart Interim report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079449	Low-speed static aerodynamic characteristics of a 1/2-scale parawing AERCAB model - Coord number AF-AM-008	1971
19710079450	Aerodynamic characteristics at Mach numbers 1.60 to 2.86 of a target-drone vehicle with an underslung engine nacelle - Coord number AF-AM-003	1971
19710079451	Lunar soil properties and soil mechanics Semiannual status report, 20 Dec. 1970 - 19 Jun. 1971	1971
19710079454	Aircraft ranges	1971
19710079456	Electrochemical studies on chlorocarbon compounds Final scientific report, 1 Jun. 1967 - 30 Jun. 1970	1971
19710079457	Manufacturing methods for samarium cobalt magnets Interim report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710079459	Subsonic aerodynamic characteristics of close- coupled canards with varying area and position relative to a 50 deg swept wing	1971
19710079460	Lightning protection improvements and precipitation static noise quieting investigation of the P-3 aircraft Interim report	1971
19710079461	Technical evaluation of the transmitter assembly for interrogator set AN/UPX11 Final report	1971
19710079462	The effects of surface treatments on the removability of paint from aircraft metal surfaces	1971
19710079464	Preliminary results on underground electromagnetic propagation Technical report, 1 Aug. - 31 Dec. 1970	1971
19710079465	Noncontacting device to indicate deflection of turbopump internal rotating parts Monthly progress report, Jun. 1971	1971
19710079467	Investigation of cryogenic rupture disc design Monthly progress report, 30 May - 27 Jun. 1971	1971
19710079468	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 May - 19 Jun. 1971	1971
19710079470	The 11601 Lance, missile no. 5141, round no. 11 ORBL Meteorological data report for 22 Feb. 1971	1971
19710079471	The 03702 Honest John, missile no. 740, round no. 604 AML Meteorological data report for 12 Jan. 1971	1971
19710079475	Shock interaction surface pressures for hemispherical and conical bodies	1971
19710079476	Evaluation of Nomex cold weather underwear Final report, Nov. 1970 - Mar. 1971	1971
19710079477	Aerobee 150 NASA 4.249NA Meteorological data report for 24 Feb. 1971	1971
19710079479	Aerobee 170 NASA 13.22UG Meteorological data report for 1 Mar. 1971	1971
19710079485	Progress report, 1 May - 19 June 1971	1971
19710079486	Evaluation of the trash rocket concept Monthly status report, 8-30 Jun. 1971	1971
19710079491	Mapping of Eglon Ioran grid	1971
19710079492	Regeneratively cooled rocket engine for space storable propellants Monthly status report, period ending 1 Jul. 1971	1971
19710079494	The 11602 Lance, missile no. 5121, round no. 111RST /8 March 1971/	1971
19710079496	Lycoming T55-L-11 engine evaluation of altitude and environmental characteristics Final report	1971
19710079497	Check test of Aircraft Control Central AN/TSQ-70A	1971
19710079499	Aerobee-170 AF AO 4.002-2 /16 March 1971/ Meteorological data report	1971
19710079502	A study of radar angel phenomena Final report, 1 Jul. - 31 Dec. 1970	1971
19710079503	Development of S-band Dematron amplifier Quarterly report, 1 Jan. - 31 Dec. 1971	1971
19710079510	Nike Iroquois /NIRO/ AF/AO 7.015-2 and NIRO AF/AO 7.016-3 /8 January 1971/ Meteorological data report	1971
19710079511	Research on exploratory development of nondestructive methods for crack detection - Part 4 Final report, 1 Oct. 1969 - 31 Aug. 1970	1971
19710079513	Microwave holography for radome analysis Final report, Jan. 1970 - Mar. 1971	1971
19710079514	Evaluation of Raytheon Company Sparrow 3 production vibration tests /Airtask A510-5108/225-2/9232-000-134/	1971
19710079515	Test and evaluation of organizational and intermediate Ground Support Equipment /GSE/ for Model T400-CP-400 engines Interim report	1971
19710079516	Radiation of a Hertzian dipole in the presence of a semi-infinite metallic tube	1971
19710079517	Adhesive bonded doubler for H-3 helicopter blade spar Engineering status report no. 1, 15 Apr. - 21 Aug. 1970	1971
19710079518	A study of DOVAP system errors caused by the transponder environment Final report	1971
19710079519	Manufacturing methods for ion implantation Interim report, 1 Jan. - 31 Mar. 1971	1971
19710079526	Static test of a 600-gallon Royal Industries all welded external fuel tank	1971
19710079527	Adding cost estimates that are not symmetric about the most likely value	1971
19710079529	Study of advanced techniques for determining the long term reliability of components Monthly progress report, 14 May - 14 Jun. 1971	1971
19710079530	Cryogenic filament-wound tank evaluation Monthly progress report, 1 Jun. - 1 Jul. 1971	1971
19710079531	Long life high reliability thermal control systems study Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710079533	Design and development of power package for surveying instrument - Azimuth, gyro, lightweight Final report, Jun. 1969 - Mar. 1971	1971
19710079535	Production engineering measure for improved cathode mix for electron tubes Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710079536	A thermal investigation of the polymorphic transition of the NH ₄ ClO ₄ /KClO ₄ solid solution system	1971
19710079537	Small scale military computer-oriented weapon systems study, volume 2	1971
19710079538	Research on electrochemical energy conversion system Interim technical report, Nov. 1969 - May 1970	1971
19710079539	Feasibility evaluation of an automated engine data system	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079540	A technique for measuring oil aerosols in compressed air systems	1971
19710079541	Voice warning systems - A cockpit improvement that should not be overlooked Final report	1971
19710079542	Engineering design handbook. Tables of the cumulative binomial probabilities	1971
19710079544	High viscosity thermal protection materials summary report, 1 July 1969 - 30 June 1970	1971
19710079547	Investigation of the absorption of infrared radiation by atmospheric gases - Water, nitrogen, nitrous oxide	1971
19710079548	Aerobee-150, skp 3.32 Meteorological data report for 1 Mar. 1971	1971
19710079549	The 03703 Honest John, missile no. 1861, round no. 606 RGL Meteorological data report for Mar. 1971	1971
19710079552	Optical electronic precision pointing system Final technical report	1971
19710079553	QKS1267 refinement program Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710079554	Flow patterns and regimes for retro-plumes Semiannual technical report, Jun. - Dec. 1970	1971
19710079556	Photoemissive detector Semiannual technical report, 15 Aug. 1970 - 31 Mar. 1971	1971
19710079557	Effectiveness of the 6TN battery in limiting power source surge voltage	1971
19710079558	Control systems for turbine engines	1971
19710079559	Operational test and evaluation of the HH-53C night recovery system /Project Pave Imp/ Final report	1971
19710079562	Aerodynamic characteristics of low aspect ratio fins at Mach numbers from 0.80 to 1.30 Final report	1971
19710079564	The Salsburg polytope bound algorithm - Application to the imperfect anharmonic solid Special technical report no. 4	1971
19710079566	The response of a theoretically modeled p-i-n diode when used as a backscattered photon detector Technical report, 25 Feb. 1968 - 25 Aug. 1969	1971
19710079567	Apollo Reference Mission program - User's manual, version ARM09	1971
19710079569	Accelerometer catalog Technical report, Jan. 1969 - Jan. 1970	1971
19710079570	The 12001 Little John missile no. 1045, round no. 673 RD Meteorological data report for 22 Mar. 1971	1971
19710079571	Compatibility and weld cracking susceptibility of HY-130 steels joined to structural steels and nonferrous overlays	1971
19710079572	Aerobee-170 NASA 13.21 Meteorological data report for 19 Mar. 1971	1971
19710079573	Evaluation of improved model aviator's wristwatch Final report, Jun. 1970 - Apr. 1971	1971
19710079577	Pressure transducer catalog Technical report, Jan. 1969 - Jan. 1970	1971
19710079579	Conformance analyses for TF30-P-100 engine development	1971
19710079580	Close air support system /CLASS/ C-131 flight test. Volume 3 - Computer programs Final engineering report, Oct. 1968 - Oct. 1969	1971
19710079581	Incremental stretch forming Interim technical report, 1 Jan. - 31 Mar. 1971	1971
19710079582	Methods, devices, and circuits for the EMP hardening of Army electronics Quarterly report, 2 Apr. - 1 Jul. 1970	1971
19710079584	Feasibility study of modifying Mark 312 fuze for use with Mark 8 Mod 2 rocket motor	1971
19710079592	Development of composite constuctions with improved rain erosion resistance Final summary report, Apr. 1970 - Mar. 1971	1971
19710079595	YJ69-T-406 turbojet engine component improvement program Final report, 1 Feb. 1970 - 31 Jan. 1971	1971
19710079598	LASL Rover program /U/ Quarterly status report, period ending 28 Feb. 1971	1971
19710079602	Thermionic emitter dimensional stability analysis /U/	1971
19710079603	Development of a thermionic reactor space power system /U/ Summary report, 1 Nov. 1970 - 28 Feb. 1971	1971
19710079605	Feasibility determination of an aerodynamic rocket nozzle concept /U/ Final report, Aug. - Dec. 1970	1971
19710079606	Backscatter parameter investigation Final report, Nov. 1968 - Jun. 1970	1971
19710079609	Complete terminal junction system for use in aircraft electrical and electronic circuits, phase 1	1971
19710079610	Photochromic film display advanced development model Quarterly report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710079611	The destruction of high expansion fire fighting foam by the components of fuel pyrolysis and combustion Final report	1971
19710079616	Dynamic stability characteristics of some Ballute stabilized munition bodies at subsonic and transonic speeds Final report	1971
19710079617	Roll-damping, static stability, and damping-in-pitch characteristics of axisymmetric bomblet munition models at supersonic Mach numbers Final report, 20 Nov. - 18 Dec. 1970	1971
19710079618	Night display/one-man aircraft compatibility study Technical report, Sep. 1969 - Jun. 1970	1971
19710079619	Seismic array analysis center Quarterly technical summary report, Jan. - Mar. 1971	1971
19710079620	Loran-C aircraft antennas	1971
19710079621	Performance evaluation of a gas-deployed reserve parachute Final report	1971
19710079624	Acoustical and optical activity in alpha quartz Interim technical report	1971
19710079625	Engineering evaluation of disposable oil filter elements for Constant Speed Drives /CSD/ on F-4, A-4, A-6, A-7 and S-2D/E-1B type aircraft Interim report, 1 Jan. - 31 Mar. 1971	1971
19710079627	Special study to establish a correlation between known discontinuities in gun tubes and standard ultrasonic reference blocks Final report, 18 Mar. - 23 Dec. 1970	1971
19710079628	Longitudinal static stability and drag characteristics of A-7D and F-4E aircraft with various external store configurations at transonic speeds Final report, 9 - 17 Nov. 1970	1971
19710079630	High-frequency, dual-feed, corner-reflector antenna - A feasibility study which resulted in the design of a corner reflector antenna with two active elements, a frequency range ratio of 4 to 1, and an azimuth pattern beamwidth of 45 deg Research and development report, Oct. 1968 - Jun. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079631	Glass lasers with emission shorter than 1.06 micrometers Final report, Jul. - Dec. 1970	1971
19710079632	Automatic equalized data modem Final technical report	1971
19710079633	Gas turbine engine health analysis under transient operating conditions for application to an on-board monitoring system, volume 2 Final report, 28 Apr. 1970 - 31 Jan. 1971	1971
19710079634	Gas turbine engine health analysis under transient operating conditions for application to an on-board monitoring system, volume 1 Final report, 28 Apr. 1970 - 31 Jan. 1971	1971
19710079635	Wear characteristics of carbon-ceramic and TFE-lined helicopter bearings Final report	1971
19710079636	J52-P-408 engine evaluation, altitude performance, prototype engine S/N 678157 Final technical report, Jul. - Sep. 1970	1971
19710079637	Systems performance and accuracy report	1971
19710079638	Development of lead-tin telluride detectors Interim report, Nov. 1968 - Jan. 1971	1971
19710079640	Summary of statistics for cartridge and propellant actuated devices - Bibliography	1971
19710079642	Investigation of PCM equipment power distribution relays	1971
19710079643	Evaluation of Kaiser production aluminum honeycomb landing mat Final report	1971
19710079644	Aerodynamic characteristics of a 0.187 scale M823 research bomb with a free spinning tail and free spinning body tail combination at transonic Mach numbers Final report	1971
19710079645	Experimental Magnus characteristics of four ballistic projectiles at transonic Mach numbers Final report	1971
19710079646	A 100-watt PEP insulated-gate field-effect transistor for operation from a 28-volt supply Interim engineering report, 21 Sep. - 21 Dec. 1970	1971
19710079647	The 150-kwe supercritical cycle turbopump design layout and performance demonstration Final technical report, 1 Jul. 1969 - 23 Mar. 1971	1971
19710079648	A study of feasibility to automatically assemble components using ultrasonic welding technique	1971
19710079649	Design and development of surveying instrument - Azimuth, gyro, lightweight /SIAGL/ Final report, Jun. 1969 - Mar. 1971	1971
19710079650	Aerodynamic characteristics of a space shuttle straight-wing orbiter at Mach numbers from 0.25 to 2.0	1971
19710079653	Beckman Instruments -RSQD-2A-conductivity recorder	1971
19710079654	The 03702 Honest John, missile no. 605, round no. 742 Meteorological data report for 26 Jan. 1971	1971
19710079655	Nike Iroquois /NIRO/ AF/AO 7.015-3 and NIRO AF/AO 7.913-3 Meteorological data report for 1 Mar. 1971	1971
19710079656	Fluidic cavity oscillators	1971
19710079657	The dynamic response of fluidic networks	1971
19710079658	Operation of the Tonto Forest Seismological Observatory Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710079659	Satellites and air pollution - A review and synthesis	1971
19710079660	Study of low gravity propellant transfer Monthly progress report, 1-30 Jun. 1971	1971
19710079661	Flow-field characteristics and aerodynamic loads on external stores near the fuselage and wing pylon positions of a swept wing/fuselage model at Mach numbers 0.40 and 0.70, phase 3 Final report, 30 Dec. 1970 - 7 Jan. 1971	1971
19710079662	Aerodynamic characteristics of a space shuttle delta-wing orbiter at Mach numbers from 0.25 to 2.0	1971
19710079664	Athena B-035, flight 124 /11 March 1971/	1971
19710079665	Aerobee 150 NASA 4.260 /22 January 1971/	1971
19710079667	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly report, 21 Sep. - 20 Dec. 1970	1971
19710079668	Athena V-144-D, flight 123 Meteorological data report for 8 Jan. 1971	1971
19710079669	Aerobee 170 NASA 13.46 Meteorological data report for 25 Jan. 1971	1971
19710079674	Optics research, 1970 Semiannual report 1 Jun. - 31 Dec. 1970	1971
19710079675	Optimization of HTPB binder Interim technical report, 1 May 1970 - 31 Jan. 1971	1971
19710079676	Plasma display tube Final technical report 28 Mar. 1969 - 27 May 1970	1971
19710079678	Trapped radiation and magnetospheric processes Annual report	1971
19710079680	Development of an improved ultra-high strength steel for forged aircraft components Final technical report, 1 May 1969 - 31 Dec. 1970	1971
19710079681	Methodology for asphalt airfield pavement life prediction based on oxidative and related studies Technical report, Jul. 1969 - Dec. 1970	1971
19710079682	Analytical Sciences Division Progress report, 1 May - 31 Oct. 1970	1971
19710079687	A 1.06 micron mosaic vidicon Final technical report, 1 Dec. 1968 - 30 Nov. 1970	1971
19710079688	Research on diffusion in multiphase ternary systems Final technical report, 1 May 1966 - 30 Nov. 1970	1971
19710079693	Guidance analysis program, user's manual. Project Apollo	1971
19710079700	Exploratory development program of a hybrid rocket motor Quarterly progress report, 1 Jul. - 1 Oct. 1970	1971
19710079704	Engineering evaluation of the Tornado automatic riser release Final report	1971
19710079706	X-rays from fission Annual report	1971
19710079707	Integrated conformal arrays Final report, Mar. 1970 - Jan. 1971	1971
19710079708	Production engineering measure for solid-state avalanche photodetectors Quarterly progress report, 30 Sep. - 31 Dec. 1970	1971
19710079710	A study to assess the nature and magnitude of economic benefits of advances in meteorology Quarterly status report	1971
19710079713	The simultaneous MINSK 22-AP3M hybrid computer	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079714	Atomically clean surfaces	1971
19710079718	Translations on French nuclear, missile, space, and related military developments no. 278	1971
19710079719	The 11601 Lance, missile no. 5133, round no. 111RSD /15 March 1971/	1971
19710079720	Manufacturing technology for materials, designs and fabrication of extrusion dies for hot extruding of steel and titanium structural sections Interim engineering progress report no. 4, 1 Jan. - 31 Mar. 1971	1971
19710079725	Manufacturing methods for the reverse switching rectifier Quarterly progress report, 1 Jan. - 1 Apr. 1971	1971
19710079726	Energization and protection considerations for lightweight superconducting MHD magnets Technical report, Mar. 1969 - Jan. 1971	1971
19710079727	Low temperature behavior of some oils of paraffinic nature	1971
19710079728	Numerical computation of acoustic surface waves in layered piezoelectric media - Computer program descriptions Final report, 1 Dec. 1969 - 30 Nov. 1970	1971
19710079729	Prediction of flow angularity near a supersonic fuselage forebody with arbitrary cross-section	1971
19710079730	Communications system analysis. Volume 5 - Appendix K, CSA-70 program maintenance manual Final report	1971
19710079731	Review and development of modal synthesis techniques Interim report	1971
19710079735	Design and development of surveying instrument - Azimuth, gyro, lightweight /SIAGL/	1971
19710079739	The characterization of gas-phase anodization of tantalum	1971
19710079745	Aerodynamic loads on four external stores in the carriage position on the F-4C aircraft at Mach numbers from 0.70 to 1.20 Final report	1971
19710079746	Development of manufacturing techniques for production of rain erosion resistant coated structures Final technical report, 1 Feb. 1967 - 1 Feb. 1971	1971
19710079747	Avalanche diode sources and amplifiers Interim technical report, 15 Jun. 1970 - 31 Jan. 1971	1971
19710079748	Nonvolatile read-write memory element Final report, 1 Jan. 1970 - 2 Feb. 1971	1971
19710079749	Development of halogenated hydrocarbon foam /halofoam/ extinguishants Final report, 1 Jun. 1970 - 28 Feb. 1971	1971
19710079750	Brassboard air-to-surface missile computer memory integration Final report, Jul. 1970 - Feb. 1971	1971
19710079751	Materials for high pressure nozzles Volumes 2 - Nondestructive testing Final report, 1 Apr. 1969 - 4 Dec. 1970	1971
19710079752	GaAs degradation Final report, 29 Oct. 1969 - 2 Feb. 1971	1971
19710079756	Development and evaluation of high energy explosive binders and explosives /U/ Final report, 2 Jan. 1969 - 30 Oct. 1970	1971
19710079759	Rocket motor Mark 27 Mod 4 standard arm qualification program /U/	1971
19710079760	Preproduction testing program for rocket motor Mark 56 Mod 0 standard missile /U/	1971
19710079762	Reverse flow thrust chamber development /U/ Final report, Mar. 1970 - May 1971	1971
19710079767	Service life listing and surveillance status of propulsion devices and auxiliary power systems. Change 3 /U/	1971
19710079768	Government lot acceptance testing of Naval Air Rework Facility AIM-7 missile production, 1970 /U/	1971
19710079783	Flexible energy management prepackaged liquid rocket engine. Volume 1 - Summary /U/ Final report	1971
19710079784	Flexible energy management prepackaged liquid rocket engine. Volume 2 - Design and cold flow characterization /U/ Final report	1971
19710079785	Flexible energy management prepackaged liquid rocket engine. Volume 3 - Hot-fire results /U/ Final report	1971
19710079786	Differential phase CDAA performance with wave interference	1971
19710079787	The 30000 rpm vane-pump demonstration Interim technical report, 1 Jan. - 31 Mar. 1971	1971
19710079788	Synthesis of thermally stable polymers, part 2 Summary report, 1 Dec. 1969 - 1 Dec. 1970	1971
19710079789	Report of test on capacitors, fixed miniature, ceramic dielectric, feed-thru and stand-off types, MIL-C-11015D Final report	1971
19710079790	Measurement of pressure, impulse, and detonation velocity for Detasheet L explosive Technical report, Nov. 1970 - Jan. 1971	1971
19710079791	Expansion technique for Cary 14 transmittance measurements	1971
19710079800	Project Tailor-Mate flow field investigation /U/	1971
19710079812	Rocket motor survivability in fire /U/	1971
19710079820	SNAP reactor programs /U/ Progress report, Nov. 1970 - Jan. 1971	1971
19710079822	Solid-state digital scanning of mosaic sensors, phase 5 Final report, 17 Dec. 1969 - 16 Dec. 1970	1971
19710079823	Electron bombarded semiconductor short pulse generator Triannual report no. 1, 1 Aug. - 30 Nov. 1970	1971
19710079824	Separation characteristics of various stores from the A-7D aircraft at Mach numbers from 0.33 to 0.91 Final report	1971
19710079825	Limited reliability test of radiacmeter IM-192-WDQ Final report	1971
19710079826	Aerobee 170 NASA 13.51 /8 February 1971/	1971
19710079827	Temperature- and pressure-dependent elastic properties of selected isotropic and composite materials from ultrasonic measurements Technical report, Jan. 1969 - Aug. 1970	1971
19710079829	Partial reflection studies during the 2-4 November 1969 polar cap absorption event Final report	1971
19710079833	Procurement and acceptance testing of high performance variable speed drive Phase report, 30 Mar. - 20 May 1970	1971
19710079834	Aircraft-detection tests using the AFCRL experimental phase-phase radar	1971
19710079835	Development of a UHV evaporation system for depositing thin, discontinuous gold films	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079836	Alaskan long-period array Final technical report, 15 Aug. 1968 - 31 Oct. 1970	1971
19710079837	Effective tooling designs for production of precision forgings Interim engineering progress report no. 3, 1 Mar. 1970 - 15 Apr. 1971	1971
19710079840	Six foot diameter multicycle metallic diaphragms for subcritical cryogenic fluid storage and expulsion Technical report, Jul. 1965 - Dec. 1970	1971
19710079841	Buffet tests of a 0.10-scale model of the F-4E aircraft at Mach numbers from 0.70 to 1.10 Final report	1971
19710079842	HF radar observations during test tangerine of Project SECEDE	1971
19710079845	Evaluation of CWU-30/P anti-exposure assembly Interim report, Nov. 1970 - Mar. 1971	1971
19710079846	Microwave acoustic and bulk device technique studies Technical report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710079847	Fabrication of integrated fluidic control systems Interim engineering progress report, 1 Jan. - 31 Mar. 1971	1971
19710079848	On-line trainable adaptive process control Final report, 1 Nov. 1969 - 28 Feb. 1971	1971
19710079849	Electron impact ionization cross sections Final report, Jul. 1967 - Jun. 1970	1971
19710079851	Fatigue behavior of glass-filament-wound epoxy composites in water Interim report	1971
19710079852	Tetrahedron flow beam geometry for microwave tubes Triannual report no. 11, 4 Jun. - 3 Oct. 1969	1971
19710079855	A new approach to the sequential prime implicant form	1971
19710079856	Report of test on capacitors, variable, air dielectric /trimmer/, MIL-C-92B Final report	1971
19710079857	Static force tests of a 1/20th scale model of the AFATL guided cluster munition at subsonic and transonic Mach numbers Final report	1971
19710079859	Surveillance of Navy-held 2.75-inch FFAR motors	1971
19710079861	Development and production of Multi-Gap Loop /MGL/ series EMP B-Dot sensors Technical report, 12 Jun. 1969 - 22 Jan. 1971	1971
19710079862	Application of millimeter-wavelength radiation to naval communication by satellite	1971
19710079863	ALO /A-X/ oscillator strengths and collisional excitation rates Final report	1971
19710079865	Study of low fineness-ratio bodies and dual aerodynamic controls for application to a short range, air-to-air missile	1971
19710079869	Test and evaluation of a modified automatic relight actuator for the J57 engine ignition system Final report	1971
19710079870	Dielectric ground interactions with a log-periodic antenna Final report, 17 Jun. 1970 - 1 Feb. 1971	1971
19710079872	Hotshot 1970 - A study of the modification of rain parameters by cloud seeding Final scientific report, 15 Apr. - 5 Oct. 1970	1971
19710079875	A simplified equation for calculating far- field intensity Technical report, Feb. - Mar. 1971	1971
19710079876	Circuit breaker	1971
19710079879	The effect of nozzle wall contour on the performance of a two-dimensional supersonic bistable amplifier	1971
19710079882	Montana large aperture seismic array Quarterly technical report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710079883	Automatic reduction of state tables using Kella's method	1971
19710079891	Damping-in-pitch characteristics of some proposed configurations for the modular weapon system at Mach numbers from 0.6 to 1.3 Final report	1971
19710079892	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710079893	The 12001 Little John missile no. 2500, round no. 672 Meteorological data report for 28 Jan. 1971	1971
19710079894	Aerobee 170 NASA 13.11 UG Meteorological data report for 18 Dec. 1970	1971
19710079895	Aerobee 150 NASA 4.3180 L Meteorological data report for 25 Jan. 1971	1971
19710079896	White Sands Missile Range, Atmospheric Sciences Laboratory, WSMR meteorological team, site directory	1971
19710079897	Difference method of fitting polynomials to empirical data with application to AN/SQS-26/XN-2/ technical evaluation data	1971
19710079898	Angular velocities and accelerations for line of sight stabilized shipboard antennas Interim report	1971
19710079900	Frequency temperature compensation technique for quartz crystal oscillators Final report, 1 Jun. 1967 - 1 Sep. 1969	1971
19710079901	The 11601 Lance, missile no. 5113, round no. 109 RBL Meteorological data report for 14 Jan. 1971	1971
19710079903	Radar set AN/PPS-17/XN-1/ failure free development program Interim development report, 1-31 Mar. 1971	1971
19710079904	Manufacturing methods for single crystal magnesium aluminate spinel Semiannual interim technical report no. 1, 1 Jun. - 31 Dec. 1970	1971
19710079905	Physiological effects of water cooling during elevated work loads in pressure-suited subjects Final report	1971
19710079907	Theory and implemetation of a bearing only sonobuoy location system /modified ARA-50/ for advanced ASW system Final report	1971
19710079908	Organic electrolyte permselective membranes Final report, 1 Apr. 1968 - 15 Sep. 1970	1971
19710079909	Thin underarm aircrew life preserver Final report	1971
19710079911	Translations on French nuclear, missile, space, and related military developments, no. 277	1971
19710079912	Design analysis methods for advanced composite structures. Volume 1 Summary technical report 1 Jan. 1968 - 30 Sep. 1970	1971
19710079913	Design analysis methods for advanced composite structures. Volume 2 Summary technical report 1 Jan. 1968 - 30 Sep. 1970	1971
19710079914	Production engineering of Nd - YAG laser rods for laser illuminator transmitters Quarterly report, Oct. - Dec. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079915	Spectrum utilization characteristics of command receiver, Motorola, Incorporated, model MCR 151 C-2	1971
19710079917	Lateral photoelectric detector optimization program Final report	1971
19710079918	Quantum limitations on optical communications Final technical report, 1 Jan. 1969 - 31 Jul. 1970	1971
19710079919	Flight test of velcro modified F-4 dual garter restraint system Final report, 1 Feb. - 3 Mar. 1971	1971
19710079920	Improvement of elastomers for use in Army weapons applications	1971
19710079921	Sand ingestion and salt water corrosion tests on Pratt and Whitney Aircraft TF30 engine materials Report for 11 Nov. 1970 - 13 Jan. 1971	1971
19710079922	Electrostatic sensitivity of the Mk 1, Mod 1 SQUIB	1971
19710079923	Effects of metallurgical variables on the fracture resistance of 180 ksi /126.5 kfg/sq mm/ yield strength steel weld metals Final report	1971
19710079924	Surveillance of Terrier Mk 192 Mod 0,2 igniters	1971
19710079925	High power solid state transmitter Final report	1971
19710079927	Advances in FRP molding materials	1971
19710079929	A posigrade rocket motor design and development report Technical report, 12 Oct. 1970 - 7 Jan. 1971	1971
19710079931	Instrumentation for measurement and analysis of radioactive samples	1971
19710079932	Modal flutter analysis study. Volume 3 - Structural analysis program - FLUENC-100C. Component mode synthesis program - COMSYN. Mode flutter analysis program - MOFA	1971
19710079933	A universal model series of high switching - Rate in thin layer hybrid technology	1971
19710079936	Hybrid mode propagation along an array of dielectric fibers	1971
19710079937	Master group multiplexer Quarterly report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710079938	On a question concerning entire functions	1971
19710079940	Low temperature HgO-Zn battery for transceiver applications Interim report, 26 May 1969 - 26 May 1970	1971
19710079941	Modal flutter analysis study. Volume 4 - Aero-Servo-Elastic Stability analysis Program - PASES	1971
19710079942	Stress corrosion susceptibility of liquid nitrogen quenched 2024 aluminum alloy sheet material	1971
19710079943	Effects of nose mounted jet and cylindrical spoilers on the static stability characteristics of a hemispherical nosed bomb model at transonic Mach numbers Final report	1971
19710079944	New cycloaliphatic heavy duty epoxy resins for reinforced plastics	1971
19710079945	Physiological and psychophysiological effects of noise	1971
19710079947	Small rotating magnetic disk memory	1971
19710079948	Core free Czochralski ruby Final report, 1 Jun. 1969 - 30 Jun. 1970	1971
19710079949	Avionics systems effectiveness determination using WSEIAC methodology Research and development technical report	1971
19710079950	Qualification tests of two, Anderson Power Products, Inc., plug connectors for use with standard MS 18093 aircraft storage battery receptacles	1971
19710079951	Sampling tests on one, nickel-cadmium aircraft battery manufactured by Gulton Industries	1971
19710079952	Regular expressions and checking experiments for sequential machines	1971
19710079954	Evaluation of constant potential charging of alkaline aircraft batteries	1971
19710079956	Reliability modeling of spatially and temporally redundant communication systems	1971
19710079957	An automatic speech recognition system based on a physiological model	1971
19710079958	Manufacturing methods for mercury doped germanium infrared detector arrays Interim report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710079959	Microwave acoustic and bulk device technique studies Final report, 1 Nov. 1967 - 31 Oct. 1970	1971
19710079961	Development of a strategy to retrieve information from the standards used to evaluate welds and metals by nondestructive testing Final research report	1971
19710079963	Antenna sidelobe and coupling reduction by means of reactive loading of the ground plane Interim technical report	1971
19710079964	High temperature electrochemical research in metallurgy Semiannual report, 1 Apr. - 30 Sep. 1970	1971
19710079966	EA-68 aircrew automated escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring of Interim report, 1 Nov. 1970 - 1 Mar. 71	1971
19710079967	Nike-Cajun DRS NASA 10.279 Meteorological data report for 12 Jan. 1971	1971
19710079968	Production engineering measure for solid encapsulated semiconductor devices Quarterly report, 14 Oct. 1970 - 13 Jan. 1971	1971
19710079969	Documentation of aircraft wheel, brake and valve stem data	1971
19710079970	Methods for comparison of clutter processing techniques	1971
19710079971	Virtual path tracing for HF radar including an ionospheric model Interim report	1971
19710079972	Manufacturing methods and technology measure. Ultraprecision integrated circuit photomasks Quarterly progress report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710079973	Lumped-distributed synthesis of fluidic systems Final report	1971
19710079974	Strength of short fiber reinforced composites	1971
19710079975	Evaluation of the LS-59A airborne flasher unit	1971
19710079978	Neurohumoral consequences of intermittent auditory stimulation in humans	1971
19710079979	Thrust performance and pressure distributions on the SERV launch vehicle utilizing an aerospike engine at Mach numbers from 0 to 1.25 Final report	1971
19710079981	Nike-Apache DRS NASA 14.388 Meteorological data report for 12 Mar. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710079982	Study of spurious signal generation in microwave tubes, phase 2 Quarterly report, 5 Dec. 1970 - 4 Mar. 1971	1971
19710079983	A study of propagation medium effects on wide bandwidths over satellite-to-ground propagation paths Final technical report	1971
19710079984	Silver solder bonding properties through computer-aided acoustic analysis technology	1971
19710079985	Atmospheric water vapor models useful for laser propagation calculations	1971
19710079986	Comparison of sea level transmittance at 0.56, 0.0694, 0.946, 1.06, 1.317, 1.337, 1.536 and 1.544 microns	1971
19710079988	Design studies of CFA using samarium cobalt magnets Interim development report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710079990	Design and evaluation of a prototype electronic component housing	1971
19710079991	Modular analysis of electronic systems Interim engineering report, 16 Jan. - 15 Apr. 1971	1971
19710079992	Target positioning using Doppler information	1971
19710079995	Environmental tests of a cavity-backed antenna Technical report, Nov. 1970 - Jan. 1971	1971
19710080002	Integrated target control system AN/USW-3/XN-1/ /U/ Interim engineering report, 1 Jan. - 31 Mar. 1971	1971
19710080004	Operational test and evaluation of fire resistant flight coveralls, CWU-20/P Final report	1971
19710080005	TA-4/A-4 catapult hook test program Final report	1971
19710080013	The growth of crystals of rare earth-cobalt 1.5 compounds Interim technical report, 1 Oct. 1970 - 30 Mar. 1971	1971
19710080014	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 9 Oct. 1970 - 8 Jan. 1971	1971
19710080015	State-of-the-art review - Aircraft gas turbine compressors and fans	1971
19710080017	Noise as a cause of disease	1971
19710080018	Special aspects of the magnetization of ferromagnetic films	1971
19710080019	Research and development of a high energy non-aqueous battery power source Quarterly progress report, 10 Nov. 1970 - 10 Feb. 1971	1971
19710080020	Ejector simulation	1971
19710080021	Production engineering measure for high-reliability aluminum electrolytic capacitors Quarterly report, 20 Sep. - 20 Dec. 1970	1971
19710080022	Suppression in active devices-circuits. Volume 3 - Noise in Gunn effect devices Final technical report, 1 Oct. 1967 - 31 Oct. 1970	1971
19710080023	Suppression in active devices-circuits. Volume 2 - High harmonic content in the Gunn effect Final technical report, 1 Oct. 1967 - 31 Oct. 1970	1971
19710080024	Newsletter number 27. Reaction rate series	1971
19710080025	Laser radar performance in an atmosphere disturbed by nuclear detonations Technical report, 15 Apr. 1970 - 15 Mar. 1971	1971
19710080026	A dc-electroluminescent flat panel display Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710080027	Combustion instability of aluminized propellants. Part 1 - Progress on support of Air Force program Final report, 1 Jan. - 1 Aug. 1970	1971
19710080028	In-process control techniques for complex semiconductor structures. Task 2 - The application of secondary electron spectroscopy /Auger electron analysis/ to surface control program in the manufacturing of silicon devices Final technical report, 1 May 1968 - 31 Aug. 1970	1971
19710080029	FOCIA night camera /Fiber Optic Coupled Image Amplifier Final report, Dec. 1968 - Dec. 1970	1971
19710080030	Technical evaluation of prototype pretrigger generator field change kits for AN/URN-3A and AN/SRN-6/ / Tacan equipments Final report	1971
19710080031	MC-1605 nickel cadmium battery problems	1971
19710080032	Numerical studies of AFTON 2A code development and applications. Volume 2 - AFTON 2A - A computer code for the calculation of two dimensional axisymmetric motions Technical report, Jan. 1968 - Jun. 1970	1971
19710080033	Suppression in active devices-circuits, volume 1 Final technical report, 1 Oct. 1967 - 31 Oct. 1970	1971
19710080034	PEM 50 watt-76 MHz transistor radiation resistant high power Final report	1971
19710080035	Flexible rolled-up solar array Quarterly report, 28 Dec. 1970 - 2 Apr. 1971	1971
19710080036	Computer reduction of subset-specified sequential machines	1971
19710080037	Review of recent developments - Fiber-reinforced metals	1971
19710080045	Performance capability of the 44B-2C emergency arresting gear at aborted takeoff conditions of the F-5, A-4, F-102, F-105, and F-4J aircraft Final report, 12 Mar. 1969 - 29 Apr. 1970	1971
19710080048	Modal flutter analysis study. Volume 1 - Subsonic strip theory unsteady aerodynamics program /STRIP/ supersonic piston theory unsteady aerodynamics program /PISTON/	1971
19710080049	Representation of the earth's gravity field in satellite geodesy by the potential of a simple layer	1971
19710080054	Physics of failure in semiconductor devices Annual report, 1970 - 1971	1971
19710080064	Powder metallurgy production of structural shapes Technical progress report, 19 Sep. 1970 - 31 May 1971	1971
19710080065	Fatigue phenomena of vibrating construction components under stationary and pulsed shaped excitations	1971
19710080066	Production engineering measure for high voltage aluminum high reliability electrolytic capacitors Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710080070	Combustion efficiency of P722 plasticizer /U/ Final report, 1 Feb. 1970 - 31 Jan. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080071	Project RISE - Configuration design and technology for a 1980 in-fleet-use VTOL light attack aircraft /U/ Final report, Jul. 1970 - Jan. 1971	1971
19710080072	Production missile testing of AIM-7E-2 lots 19 and 20 /contract N00019-69-C-0358/ /U/	1971
19710080073	Radar reflectivity measurements of the MQM-74A /CHUKAR/ target /U/	1971
19710080078	Development and test of a highly energetic AIH3 difluoramino propellant /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710080084	AIH3 sensitivity study /U/ Final report, 22 Jun. - 22 Dec. 1970	1971
19710080085	Establish manufacturing process for energetic propellant binder /U/ Final technical report, 15 May 1968 - 15 Feb. 1971	1971
19710080100	Design criteria study for large surface effect ships /U/ Final report	1971
19710080117	Gravimetry - Absolute determination of g	1971
19710080118	Refractive indices and temperature dependency of birefringence in Gd ₂ /MoO ₄ /3	1971
19710080123	Channel capacity of CPILS localiser systems	1971
19710080128	A survey of magnetohydrodynamic energy conversion	1971
19710080129	Velocity pressure relationship of IMR 8138M propellant	1971
19710080130	Corrosion resistance testing of several organic type inhibitors in primers for aluminum	1971
19710080131	Heat resistant foamed material	1971
19710080132	Inverter, power, static PP-6348 / //U	1971
19710080133	Electronic viewing for image interpretation Final report	1971
19710080134	Athena V-127-D, flight 126 /16 April 1971/ Meteorological data report	1971
19710080135	Lamps support and monitor /evaluation of the DE-1040 class destroyer for HH-2D helicopter operations/ Interim report no. 5	1971
19710080138	A production engineering measure for traveling waves tubes Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710080162	Stabilized visual aids Final report	1971
19710080163	Radiation screening techniques for integrated circuits. Addendum 1 - Wafer annealing Technical report, Jan. 1969 - Jul. 1970	1971
19710080165	Arecibo 430 MHz feed development study Final engineering report	1971
19710080166	Little John laser 12001, missile no. 1130, round no. 675RO /6 April 1971/ Meteorological data report	1971
19710080179	Weather planning factors for fair weather reconnaissance systems, Central America	1971
19710080180	Aerodynamics Department annual report, 1970 - Selected research topics	1971
19710080182	On the determination of the gravity anomalies and geoid undulations from successive satellite passes in 1967, 1968, and 1969	1971
19710080184	On problems of flight over an extended angle-of-attack range	1971
19710080189	Collected observations of visible pressure waves in the atmosphere	1971
19710080190	Quarterly report, volume 2, no. 5, spring 1971	1971
19710080191	Manufacturing method for precision casting titanium alloy aircraft components Interim engineering progress report, 16 Dec. 1970 - 16 Mar. 1971	1971
19710080192	The use of reflectors to shape a sound field Final report, Jan. 1969 - Mar. 1970	1971
19710080193	Mathematics of cascade operators	1971
19710080194	Relation between the concentration of the aerosol particles and weather conditions	1971
19710080195	Precision solid state film transport Final report, May 1970 - Apr. 1971	1971
19710080196	An all-mode separator Final report	1971
19710080197	Contractor's part 2 structural demonstration of the A-4M airplane Final report	1971
19710080198	Zinc rich organic coating systems exposed to a marine atmosphere - Three-year exposure of zinc rich saran Technical note, Oct. 1966 - Oct. 1969	1971
19710080199	Radiation hardened bipolar integrated circuit arrays Technical report, 2 Jan. 1968 - 13 Mar. 1970	1971
19710080200	Considerations and formulas for gravity reduction	1971
19710080201	Subjective complaints of noise induced hearing loss	1971
19710080212	A comparison of span load distribution calculation methods for swept wings	1971
19710080216	Spectrum analysis radar study Final report, Mar. - Dec. 1970	1971
19710080217	Two-phase oxygen inducers Monthly progress report	1971
19710080218	Program review and progress briefing Quarterly progress report	1971
19710080223	Report to the sixth meeting of the International Gravity Commission, International Association of Geodesy	1971
19710080225	Objectivity in aircrew operational aeromedical training	1971
19710080227	Systems research for radar, ECM and communications systems Interim engineering report, 1 Feb. - 1 May 1971	1971
19710080228	Airborne optical measurements of auroral effects during polar cap absorption events Final technical report	1971
19710080229	Second surveillance evaluation of pilot ejection rocket catapults Mk 7/13, Mod 2 /P/N-2174-520-5/2174-522-5/	1971
19710080230	The electron structure of impurity levels in semiconductors	1971
19710080231	Comparison of theory with flight test data for the fate reentry vehicles Technical report, Jul. - Sep. 1970	1971
19710080232	Service test of mobile weather radar, AN/TPS-41 /XE-2/ Final report, 13 Jul. - 21 Dec. 1970	1971
19710080233	Icing research tunnel tests of the CH-54A/B engine air particle separator anti-icing system	1971
19710080234	Design and analysis of the prototype CH-54A/B engine air particle separator anti-icing system	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080235	Development of ML-566 /XE-2//AM high altitude balloon and provision of advanced development models Quarterly progress report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710080236	Space shuttle auxiliary propulsion /APS/ valves Monthly technical progress narrative no. 8	1971
19710080237	Report of test on capacitors, fixed, electrolytic aluminum oxide. Part 1 and part 2, appendix A - Test data summary for codes AA thru AJ samples	1971
19710080238	Report of test on capacitors, fixed, electrolytic aluminum oxide. Part 2, appendix B - Test data summary for codes BA thru BE samples Final engineering development report	1971
19710080239	Evaluation and potential aircraft applications of pulsating flow hydraulic systems Final report, Jan. 1969 - Nov. 1970	1971
19710080240	Mechanical properties of metals Review of recent developments	1971
19710080241	Advanced concepts of microwave generation and control in solids Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710080242	Mixed atmospheric condensation nuclei	1971
19710080246	Materials for high pressure nozzles. Volume 3 - Property determination of castable carbon and graphite fiber reinforced pyrolytic graphite composite Final report	1971
19710080249	Hydrofoil catamaran. Volume 3 - Drawings Final report	1971
19710080250	Hydrofoil catamaran. Volume 2 - Design notebook Final report	1971
19710080251	Hydrofoil catamaran. Volume 1 - Summary report Final report	1971
19710080253	USRHYD - A user oriented executive control program for hydrodynamic codes Final report	1971
19710080254	Acoustic scaling - A one-eighth scale model reverberation room	1971
19710080256	The 1.06 micron image converter Final technical report, 2 Jan. 1970 - 28 Feb. 1971	1971
19710080257	The influence of processing variables on the structure and properties of extruded Beta 3 titanium Technical report, Mar. 1968 - Jul. 1970	1971
19710080258	Relations between the mass and numerical concentrations of atmospheric aerosol particles	1971
19710080259	Navy evaluation of the flying qualities and performance of the HH-3A helicopter for the armed search and rescue mission Final report, 4 Aug. - 16 Nov. 1970	1971
19710080261	New data on acute acoustic trauma /auditory trauma due to sudden noise/ based on new measurement techniques	1971
19710080262	Effect of noise on resistance to acute hypoxia	1971
19710080263	Integrated research on carbon composite materials, part 5. Volume 2 - Structural mechanics Summary technical report, Jul. 1969 - Sep. 1970	1971
19710080264	Advanced electron device technology Status report no. 122	1971
19710080265	Analysis of attitude and heading differences between two inertial systems due to gimbal axis misalignments for typical CVA motion conditions Technical memorandum no. 7	1971
19710080266	Service life extension test program landing gear support structure. Model A-3B airplane, volume 2 Final report, May 1969 - Mar. 1971	1971
19710080267	Design and analysis of a switchover-redundant system	1971
19710080274	Aerobee-170 AF AO 4.004-2 /3 April 1971/ Meteorological data report	1971
19710080275	Athena H-001JD, Flight 125 /3 April 1971/ Meteorological data report	1971
19710080276	Head aimed television/remotely operated vehicle Final technical report, May 1968 - Jul. 1970	1971
19710080278	Design and fabrication of investment cast tow flight motor aft cases Final report, 27 Jan. 1970 - 31 Apr. 1971	1971
19710080282	Modeling maintainability for aircraft systems	1971
19710080283	A hybrid computer study of human model matching using regression analysis	1971
19710080284	Sequential machines as memory units	1971
19710080286	Investigation of the effects of acoustic stimuli on respiratory movements	1971
19710080287	Freedrop trajectory characteristics of bluff-shaped bombs released from the F-111 aircraft weapons bay at Mach numbers from 0.70 to 1.30 Final report, 11 - 16 Feb. 1971	1971
19710080288	Development of short and vertical takeoff aircraft /V/STOL/	1971
19710080292	Automatic cartographic system Mod 3. Volume 1 - User's manual	1971
19710080293	Development of low permeability fabrics, part 2 Technical report, Apr. 1969 - Nov. 1970	1971
19710080294	Theoretical and experimental study of advanced materials /TESAM/. Volume 3 - Theoretical studies concerning the design and dynamic response of momentum traps Final report, May 1968 - May 1970	1971
19710080295	Theoretical and experimental study of advanced materials /TESAM/. Volume 2 - Improved version of a mixed phase expansion equation of state for material response codes Final report, May 1968 - May 1970	1971
19710080296	Microbial corrosion of plastics and their components	1971
19710080297	System 621B/ATS-5 signal demonstration test	1971
19710080298	Laboratory testing of guidance components and systems. Volume 6 - 260-inch centrifuge	1971
19710080300	Vibration test of Sperry SYG-2600 minisphere gyroscope Final report	1971
19710080301	Space programs Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710080302	Countermeasures set AN/ALQ-91 Final engineering report	1971
19710080303	Electronic soft-focus unit	1971
19710080306	Aircraft antiskid performance and system compatibility analysis Final report, Aug. 1969 - Aug. 1970	1971
19710080311	Electrochemical machining /ECM/ Quarterly interim report, 4 Jan. - 31 Mar. 1971	1971
19710080312	Detection of infrared targets through the atmosphere	1971
19710080314	Automated satellite terminal control, volume 1 Final report, 18 Jul. 1969 - 18 Jun. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080315	Development and field evaluation of a thin sheet inspection system Technical report, 1 Mar. 1969 - 30 Jun. 1970	1971
19710080316	Compatibility test of the finned tactical fighter dispenser on the F-4 and F-105 aircraft /SUU-36, SUU-37, SUU-38 and SUU-41/ Seek Eagle Final report, 15 Jan. 1970 - 12 Mar. 1971	1971
19710080317	Manufacturing methods of an isothermal extrusion process to produce 20-foot complex sections Interim engineering report, 22 Nov. 1970 - 22 Feb. 1971	1971
19710080318	Automated satellite terminal control, volume 3 Final technical report	1971
19710080319	STS cost model, volume 1 - Computer program description	1971
19710080320	Automatic cartographic system Mod 3. Volume 2 - Programmer's manual Final technical report, Dec. 1969 - Aug. 1970	1971
19710080321	Coherent multiplexing and array techniques Interim technical report, 1 Jan. - 31 Dec. 1970	1971
19710080329	Some relations between gravity anomalies and elevations in mountainous areas /Western Alps/	1971
19710080330	The satellite observation station of Berlin Technical University	1971
19710080332	Views on the rheology of drilling fluids	1971
19710080333	Category 2 test and evaluation of the AN/TSW-7 control tower air traffic control center Final report, 15 Jun - 1 Nov. 1970	1971
19710080335	Semiannual progress report on grants NGR-10-007-008, NGR-10-007-052, NGR-10-007-054, NGR-10-007-088	1971
19710080337	Pulse code modulation of video signals - Parallel-to-serial and serial-to-parallel conversion	1971
19710080338	Simultaneous subliminal signalling in conventional sound circuits - A feasibility study	1971
19710080339	Colorimetric errors due to a nonlinear transfer characteristic and inaccurate gamma tracking	1971
19710080340	A short appraisal of the partitioning of FM signals	1971
19710080341	The use of Lincompex on HF links for overseas broadcasting	1971
19710080342	Pulse-code modulation for high-quality sound-signal distribution - Deviation, bandwidth and power for a frequency- modulated link	1971
19710080343	TF34-GE-2 engine development program preliminary flight rating test phase report, May 1969 - February 1971	1971
19710080344	Tropic storage phase of engineering test of improved Hawk missile system Test report, Nov. 1969 - Nov. 1970	1971
19710080347	Planetary ball swaging of welded titanium alloy tubing Interim engineering progress report, 1 Jan. - 31 Mar. 1971	1971
19710080348	Radiation protection special study no. 42-061-71. Evaluation of prototype laser rangefinder AN/VVG-1 M-551 armored reconnaissance/airborne assault vehicle /Sheridan vehicle/, March - April 1971	1971
19710080352	Ceramic awareness bulletin, no. 27, March - April 1971	1971
19710080353	Reliable Advanced Solid State Radar /RASSR/ Quarterly report, 30 Nov. 1970 - 28 Feb. 1971	1971
19710080354	Evaluation of the mechanical and temperature cycling capabilities of solid propellant and binders containing a difunctional hydrocarbon prepolymer Final technical report, 16 Dec. 1969 - 15 Mar. 1971	1971
19710080355	Ambient temperature binder cure catalysts for hydroxy terminated systems Quarterly technical report, 1 Jan. - 31 Mar. 1971	1971
19710080356	Nickel hydroxide battery electrode development Annual interim report no. 2, 1 Jan. - 30 Dec. 1970	1971
19710080358	Manufacturing methods for production of hollow ball bearing for use in gas turbine engines Interim technical report, 1 Jan. - 31 March 1971	1971
19710080359	Production engineering measure for a broadband, 225-400 MHz, 25 watt power transistor Quarterly report, 15 Oct. 1970 - 15 Jan. 1971	1971
19710080362	Low-frequency sky wave propagation to distances of about 2000 km	1971
19710080363	Low-frequency sound absorbers	1971
19710080364	Characteristics of a gelled liquid hydrogen polyphenylene oxide /PPO/ foam open-cell insulation system Monthly progress report, 11 Jun. - 11 Jul. 1971	1971
19710080365	Electron-proton spectrometer Quarterly report, 1 Feb. 1971 - 30 Apr. 1971	1971
19710080366	Colloid thruster technology Quarterly report, 21 Nov. 1970 - 20 Feb. 1971	1971
19710080368	Lignofol, a material for the construction of sliding bearings	1971
19710080369	Reusable nuclear stage advanced structures study Monthly letter progress report, 26 Apr. - 25 May 1971	1971
19710080370	Design, testing, and general analytical effort for investigation of tandem row high head pump inducer Monthly progress report, 1-30 Jun. 1971	1971
19710080371	Effect of environment on insulation materials Monthly technical progress report, 1-30 Jun. 1971	1971
19710080372	Thermal Skin fabrication technology program Monthly report, 1-30 Jun. 1971	1971
19710080373	UCSD high energy detector on board ATS-5 Quarterly report	1971
19710080378	Low temperature second breakdown studies in transistors Final report, 1 Jul. 1969 - 30 Oct. 1970	1971
19710080382	An alternative method for predicting the behavior of drag-reducing agents	1971
19710080386	Fluidic sensor temperature indicating system Final report, 1 Jul. 1969 - 24 Jul. 1970	1971
19710080393	Semiannual status report, 1 November 1970 - 30 April 1971	1971
19710080395	Detection of volatile microbial metabolites by combined gas chromatography-mass spectrometry Technical report, 1 Sep. 1970 - 1 Feb. 1971	1971
19710080396	Role of anions in mechanical failure Quarterly status report	1971
19710080398	Review of recent developments. Nickel- and cobalt-base alloys	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080399	Report on the operations of the Environmental Data Collection and Processing Facility /EDCPF/ Formal progress report, 1 Jan. - 31 Mar. 1971	1971
19710080400	Experimental pressure characteristics of high performance point detonating fuel concepts at Mach numbers from 0.2 to 1.4	1971
19710080401	An investigation of the effect of temperature on the Coanda interaction between a jet and a curved plate	1971
19710080403	Tactical radio communication system concept study	1971
19710080405	The technical directional coupler made up of coupled lines	1971
19710080406	Toward assessing the effects of Crack Front Curvature /CFC/	1971
19710080408	Formulation of boundary integral equations for three-dimensional elasto-plastic flow	1971
19710080409	Binder model system to be used for the determination of prepolymer functionality Progress report, 19 Jun. - 19 Jul. 1971	1971
19710080410	Hydrogen-oxygen APS engines Monthly technical progress narrative, May 1971	1971
19710080411	Progress report, 31 March 1970 - 25 March 1971	1971
19710080412	A feasibility study of a laser velocimeter for electron velocities in a high density plasma	1971
19710080413	Metal tank fracture and design criteria Monthly progress report, 1-30 Jun. 1971	1971
19710080414	A discrete element analysis of elasto-plastic beam and plate structures by energy minimization	1971
19710080415	Research on mechanisms of alloy strengthening. 1 - Strengthening through fine particle dispersion. 2 - Control of structure and properties by means of rapid quenching of liquid metals /splat cooling/ Semiannual report	1971
19710080416	A new low-expansion nonflammable printed circuit board	1971
19710080417	Status report, 1 May - 1 September 1970	1971
19710080418	The study of synchronization techniques for optical communications systems Quarterly report, 1 Apr. - 1 Jul. 1971	1971
19710080421	Physiological stress in military free-fall parachuting	1971
19710080429	Quarterly progress report, 1 April through 30 June 1971	1971
19710080430	Theoretical studies of ionic and atomic impact phenomena Progress report, 1 Apr. - 30 Jun. 1971	1971
19710080431	Final technical report, 1 May 1970 - 30 April 1971	1971
19710080432	Synthesis of polymers with high residues at high temperatures	1971
19710080433	The prototype and polymerization reactions of aryl nitroso compounds with aryl isocyanates in synthesis of polymers with high residues at high temperatures Summary report, 1 Feb. - 15 Jun. 1971	1971
19710080434	Strain buildup and release, earthquake prediction, and selection of VLB sites for margins of North Pacific Semiannual report	1971
19710080435	Basic research in meteorology and atmospheric physics Informal report, Dec. 1970 - May 1971	1971
19710080436	Environmental measurements experiment of the applications technology satellite, Series F	1971
19710080437	Environmental measurements experiment of the applications technology satellite, Series F Quarterly report, 1 Dec. 1970 - 5 Mar. 1971	1971
19710080438	Ultrastructural studies of bacteria grown in aqueous and semisolid media with emphasis on intercellular spatial orientation in uniform and zero gravity fields Semiannual status report	1971
19710080443	Remote sensor evaluation format	1971
19710080446	Semiannual report, 1 January - 30 June 1971	1971
19710080448	Application of pattern classification techniques to bio-signal analysis Semiannual report, 1 Jan. - 30 Jun. 1971	1971
19710080451	Studies related to the surfaces of the moon and planets Annual report, 1 Apr. 1970 - 31 Mar. 1971	1971
19710080452	Advanced wrought nickel-base alloy turbine disk evaluation program Interim engineering progress report, 1 Mar. - 31 Dec. 1970	1971
19710080454	Semiannual status report, 1 October 1970 - 31 March 1971	1971
19710080455	Research in cosmic and solar physics Semiannual status report	1971
19710080456	The effect of particle and fluid properties on the pressure drop and heat transfer coefficient of a dilute flowing gas-solid suspension Progress report, Jan. 1971 - Jun. 1971	1971
19710080457	Effect of alloying on the gamma-gamma prime relations in nickel base super alloys Six month progress report	1971
19710080458	Solar wind physics Semiannual status report	1971
19710080459	Space vehicle integrated thermal protection/ structural/meteoroid protection system Monthly progress report, 15 Jun. - 15 Jul. 1971	1971
19710080462	Design and development of a prototype static cryogenic heat transfer system Quarterly report	1971
19710080464	Investigation into some of the problems of lunar orbiter photography system Quarterly status report, 1 Apr. - 30 Jun. 1971	1971
19710080466	Fracture characteristics of structural aerospace alloys containing deep surface flaws Monthly progress report, 1-30 Jun. 1971	1971
19710080485	Manufacturing methods for high strength - High modulus glass fiber	1971
19710080486	S-band pre-amplifier and filter. Development of feasibility models for use in deep-space probe instrumentation Final report, Sep. 1970 - Jan. 1971	1971
19710080488	Cycle testing of graphite filament-wound pressure vessels Monthly progress report, 26 Jun. - 25 Jul. 1971	1971
19710080491	Analyses of NASA/DOD space applications and transportation system requirements/effectivity study Monthly progress report, Jun. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080508	Excitation of parametric instabilities by radio waves in the ionosphere Semiannual progress report	1971
19710080509	US Army Aviation RDTE technical reports published in 1970	1971
19710080510	Heats of formation of light element compounds and of iodides Progress report, 1 Jul. - 31 Dec. 1970	1971
19710080511	Advanced transport technology economic evaluation Summary report	1971
19710080514	Physiological and developmental changes resulting from reduced gravitational force with animals chronically adjusted to centrifugal fields	1971
19710080515	Hydrocarbon polymeric binder for advanced solid propellant, 1 November 1970 - 31 January 1971	1971
19710080516	Investigation of critical burning of fuel droplets Semiannual report, 1 Jan. - 30 Jun. 1971	1971
19710080517	Cryogenic insulation development Quarterly progress report, 17 Mar. - 17 Jun. 1971	1971
19710080518	Thermomagnetic torques in polyatomic gases Interim progress report, 1 Jan. - 30 Jun. 1971	1971
19710080521	Quarterly status report, 1 February - 30 April 1971	1971
19710080523	Translations on French nuclear, missile, space, and related military developments, no. 283	1971
19710080525	Translations on French nuclear, missile, space, and related military developments, no. 284	1971
19710080528	Mechanism of the photovoltaic effect in II-VI compounds Progress report, 1 Apr. - 30 Jun. 1971	1971
19710080529	A theoretical and experimental study of the ionosphere using radio signals from earth satellites Progress report, 1 Jan. - 30 June 1971	1971
19710080534	Synthetic-aperture tracking of moving targets /U/ Interim report	1971
19710080537	On the Accuracy of Predicted Exhaust Plume Flowfield Variables	1971
19710080538	A theoretical model and parametric predictions of the flow in the base region of a rocket powered supersonic missile	1971
19710080539	An aft-plume model for a low-altitude, supersonic flight missile	1971
19710080540	Studies of solid rocket exhaust afterburning with a finite-difference equilibrium chemistry plume model	1971
19710080541	An analysis of the moderate altitude two-phase flow plume	1971
19710080542	On the momentum and heat transfer equations for two-phase plumes	1971
19710080543	Pitot-probe corrections in the rarefied regions of a liquid rocket plume	1971
19710080544	Comparison of experimental data with two analytical plume prediction techniques	1971
19710080545	The measurement and analysis of chemical and gas dynamic properties of a rocket plume at near space conditions	1971
19710080547	Calculation of contaminant production in liquid bipropellant rocket engines	1971
19710080548	On viscous effects in high altitude plumes	1971
19710080549	Bipropellant plume contamination effects prediction	1971
19710080550	Comparison of Detailed Analytical Rocket Motor Plume and Plume Impingement Results with Experimental Data	1971
19710080551	Investigation of Lunar Module Plume Flow Fields and Impingement Effects	1971
19710080552	Plume Impingement During Separation of a Two Stage Space Shuttle Vehicle	1971
19710080553	Retrorocket plumes in subsonic counterflows	1971
19710080555	Retrorocket Plume Interaction with Extraterrestrial Surfaces	1971
19710080556	Flow Model for Rocket Exhaust Impingement on Mars	1971
19710080557	Afterburning exhaust plume calculations for Saturn launcher thermal environments	1971
19710080559	Effect of nozzle expansion ratio on microwave attenuation	1971
19710080560	Effect of plume signal interference specifications on propulsion tailoring techniques	1971
19710080564	A new approach in the study of the physical properties of flames. Part 1 - General theory	1971
19710080565	A new approach in the study of the physical properties of flames. Part 2 - The static and oscillatory solutions of the flame equations	1971
19710080568	Equipment for the production and measurement of rocket exhaust plume radiation at simulated high altitudes	1971
19710080570	A preliminary report on an RPE study of infrared radiation from tactical missile exhaust plumes	1971
19710080575	Report for the period 1 December 1970 - 31 May 1971	1971
19710080578	Supersonic jet exhaust noise Monthly progress report, 26 Jun. - 26 Jul. 1971	1971
19710080582	X-ray astronomy Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710080583	Progress report	1971
19710080586	Thermal Skin fabrication technology program Monthly report, 1-31 Jul. 1971	1971
19710080587	Design, fabrication, assembly and checkout of a LH2 acquisition subsystem Monthly report, 1-31 Jul. 1971	1971
19710080589	A brief study of the space shuttle sonic boom during ascent	1971
19710080593	Fluorocarbon propellant for controllable solids Final technical report, 1 Jun. 1970 - 31 Mar. 1971	1971
19710080595	Status report, December 1970 - June 1971	1971
19710080596	Translations on French nuclear, missile, space, and related military developments, no. 281	1971
19710080597	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation systems Monthly progress report, 1-31 Jul. 1971	1971
19710080598	Development of communication analysis techniques Semiannual progress report	1971
19710080604	Erbium doped laser devices Quarterly report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710080605	Free-flight investigation of effects of slats on lateral-directional stability of a 0.13 scale model of the F-4E airplane, Coord no. AF-AM-113	1971
19710080613	Monopropellant/bipropellant TCA Informal monthly status letter, 1 Jul. - 1 Aug. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080616	Development of beryllium honeycomb sandwich composite for structural and other related applications Quarterly progress report, 21 Dec. 1970 - 21 Mar. 1971	1971
19710080617	Study of low gravity propellant transfer Monthly progress report, 1-31 Jul. 1971	1971
19710080618	Study and design of a cryogenic propellant acquisition system Monthly report, 1 Jul. - 1 Aug. 1971	1971
19710080619	Two-phase oxygen inducers Quarterly progress report	1971
19710080620	Space shuttle Attitude Control System /ACS/ thruster penetration heating Monthly letter report, Jul. 1971	1971
19710080626	Noncontacting device to indicate deflection of turbopump internal rotating parts Monthly progress summary, Jul. 1971	1971
19710080629	The influence of temperature on fatigue-crack growth Quarterly status report, 1 Apr. - 30 Jun. 1971	1971
19710080630	Intermediate energy nuclear physics utilizing the NASA Space Radiation Effects Laboratory Progress report, Jan. - Jun. 1971	1971
19710080632	Suppression of combustion oscillations with mechanical damping devices Monthly progress report, 1-31 Jul. 1971	1971
19710080639	Surface damage effects in the vicinity of aircraft static vents	1971
19710080641	Semiannual status report, 1 October 1970 - 31 March 1971	1971
19710080644	Dynamics of the solar wind and its interaction with bodies in the solar system Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710080654	A study of the properties of beryllium doped silicon with particular emphasis on electroluminescence and on diffusion mechanisms Semiannual status report	1971
19710080657	Investigation of superconducting interactions and amorphous semiconductors Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710080663	Error analysis of earth physics satellite systems Semiannual report, 1 Oct. - 30 Jun. 1971	1971
19710080664	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation Quarterly status report, 1 May - 31 Jul. 1971	1971
19710080665	Fluid dynamic and heat transfer problems of modern air breathing propulsive system Quarterly status report, 1 Apr. - 30 Jun. 1971	1971
19710080666	Evaluation of the trash rocket concept Monthly status report for period ending 31 Jul. 1971	1971
19710080668	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle	1971
19710080669	Determination of biaxial creep strength of T-111 tantalum alloy Monthly status report, 8 Jan. 1967 - 8 Feb. 1968	1971
19710080671	Effect of environment on insulation materials Monthly technical progress report, 1-31 Jul. 1971	1971
19710080672	Study of the possible role of pollution in the prevalence of sea nettles in the Chesapeake Bay and the development of a census taking method Monthly progress report, Jun. 1971	1971
19710080673	Natural convection in space manufacturing processes Interim report	1971
19710080674	Delta orbit error analysis, HEOS-A2 mission	1971
19710080677	Planetary Patrol Program Status report, 1 Jan. - 30 Jun. 1971	1971
19710080678	Development of design data for graphite reinforced epoxy and polyimide composites Monthly progress report, 1-30 Jun. 1971	1971
19710080680	Semiannual progress report	1971
19710080681	Investigation of technical problems related to retrieval of uncooperative orbiting objects Semiannual progress report	1971
19710080692	Epitaxial deposition techniques Semiannual report, 1 Jul. - 31 Dec. 1970	1971
19710080693	Combined use of dynamic programming and simulation to find an optimum solution to a sequential identification problem	1971
19710080694	Modal flutter analysis study. Volume 2 - Unsteady aerodynamic generalized force programs for subsonic, transonic, and supersonic flight	1971
19710080697	Establishment of a manufacturing process for infrared glass windows Interim engineering progress report, 1 Jan. - 31 Mar. 1971	1971
19710080698	Performance characteristics of a face pumped, face cooled slab laser, the Zig-Zag-FPL Final report, Jun. 1969 - Nov. 1970	1971
19710080699	Performance characteristics of a face pumped, face cooled laser, the Mini-FPL Final report, Nov. 1969 - Oct. 1970	1971
19710080710	The thermal degradation of perfluoro polymers	1971
19710080712	The elimination of hydrogen fluoride from hydrofluoro polymers	1971
19710080713	Line certification for hybrid microcircuits for George C. Marshall Space Flight Center NASA	1971
19710080715	Manned space flight network study program - Space Communications Group Quarterly progress report, Jan. - Mar. 1971	1971
19710080717	Qualification testing of MC-38 fuel control, P/N 716040	1971
19710080723	Glide-path stability of an aircraft under speed constraint	1971
19710080724	Laminar flow with suction downstream of a rearward-facing step in supersonic flow Semiannual status report, 1 Jan. - 1 Jul. 1971	1971
19710080727	Measurements of heat transfer rates in axisymmetric separated flow in free flight at supersonic and hypersonic speeds	1971
19710080730	Application of laser Doppler velocity systems Interim report	1971
19710080734	Optimum thickness variation in a curved strip under pure bending	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080735	The pyrolysis of polyacrylonitrile fibres. Part 2 - Pyrolysis of oxidized and unoxidized homopolymer PAN fibres	1971
19710080736	SKYNET manoeuvres, November 1970	1971
19710080737	The civil aircraft airworthiness data recording programme - Achievements in recording and analysis of civil aircraft operations 1962 - 1969	1971
19710080739	A scheme for a quiet transonic flow suitable for model testing at high Reynolds number	1971
19710080740	Monthly status report for period 29 June - 28 July 1971	1971
19710080741	Correlative studies of the solar wind, the interplanetary magnetic field, and their effects on the geomagnetic cavity using Explorer 33 and 35 data Status report	1971
19710080749	A field instrument to measure the wet-bulb globe temperature index development of the circuit	1971
19710080750	Extinction and backscatter in active IR viewing systems	1971
19710080751	Response of building structures to environmental noise of seismic, acoustic and aerodynamic origin Semiannual status report	1971
19710080752	Electrostatic propulsion beam divergence effects on spacecraft surfaces Quarterly technical report, 22 Jan. - 23 Apr. 1971	1971
19710080753	Space shuttle auxiliary propulsion /APS/ valves Monthly technical progress narrative no. 9	1971
19710080754	First quarterly report for period ending 30 April 1971	1971
19710080755	Design study report	1971
19710080756	Investigation of the difficulties associated with the use of lead telluride and other 2-6 compounds for thin film thermistors Progress report, 1 Dec. 1970 - 31 May 1971	1971
19710080764	Instabilities in fissioning plasmas as applied to the gas-core nuclear rocket engine Progress report	1971
19710080778	Oceanographic multispectral scanning system Monthly progress reports, 1 Jun. - 30 Jul. 1971	1971
19710080798	Manned space flight network study program - Space Communications Group Quarterly progress report, Oct. - Dec. 1970	1971
19710080799	Spray disintegration in accelerating flow fields Monthly status report	1971
19710080816	Pyrotechnic bench maintenance equipment, model number C14-051 /-101 configuration/	1971
19710080831	Translations on French nuclear, missile, space and related military developments, no. 280	1971
19710080849	Single crystal orthoferrites for memory applications Semiannual technical report, 1 Jul. 1970 - 31 Jan. 1971	1971
19710080850	Research on new materials for electroluminescence Semiannual report, 1 Jul. - 31 Dec. 1970	1971
19710080851	Improved high-temperature solid film lubricants, part 1 Technical report, 1 Jan. - 31 Dec. 1970	1971
19710080853	LER horizontal shock isolator, component development test report, Wing 2 Upgrade Silo Program	1971
19710080854	Water-soluble materials in atmospheric aerosol	1971
19710080855	Nosing of centrifugally case ductile iron pipe for fabrication of 2.75 inches XM229 rocket body Final engineering report	1971
19710080856	Epoxy resins as matrix for carbon fibers	1971
19710080857	Advanced microelectronics - Hyperfrequency circuits	1971
19710080864	Examination of lunar scientific objectives and evaluation and developmental studies for possible post-Apollo period Semiannual status report, 1 Jan. - 30 Jun. 1971	1971
19710080881	Advanced, small, high-temperature-rise combustor program Semiannual progress report, 1 Oct. 1970 - 31 Mar. 1971	1971
19710080882	Protection against blindness in the event of nuclear explosions	1971
19710080883	Ferroelectric and ferroelastic Gd ₂ /MoO ₄ /3. 2 - Function and application of Gd ₂ /MoO ₄ /3	1971
19710080884	Study of structural active cooling and heat sink systems for space shuttle Monthly progress report, 1 Jul. - 31 Jul. 1971	1971
19710080885	Metal oxide studies Interim report	1971
19710080886	Manufacturing technology for production processes applicable to meshless storage display tube Interim report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710080887	Report of test on telephone jacks and plugs /miniature/ Final engineering development report	1971
19710080888	Study of parachute drying techniques Final report	1971
19710080889	Improved materials for aircraft self-sealing fuel cell systems, part 2 Annual technical report, 15 Sep. 1968 - 15 Jan. 1970	1971
19710080891	Reference oil C status report 1970 Phase report, 1 Jan. 1969 - 1 Jan. 1970	1971
19710080919	Finite element shell instability analysis Progress report, 1 Apr. - 30 Jun. 1971	1971
19710080926	NASA Texas planetary program Quarterly report, 1 Mar. - 31 May 1971	1971
19710080933	MOS ELINT processor development Final report, 12 Jul. 1970 - 31 Mar. 1971	1971
19710080937	Detection range of radar corner reflectors in the presence of sea ice	1971
19710080943	Review of recent developments - Metalworking	1971
19710080944	Preparation of an omniweave reinforced carbon/ carbon cylinder as a candidate for evaluation in the advanced heat shield screening program Special technical report, 1 Apr. - 31 Oct. 1970	1971
19710080945	Accelerated service test and evaluation of North American Rockwell OV-10 aircraft propulsion system Interim report, 4 Aug. - 19 Nov. 1970	1971
19710080947	B-scope radar video display using modified laboratory oscilloscope Final report	1971
19710080948	Some observations on the fatigue behavior of specimens and structures	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710080949	Report of test on switches, multistation, pushbutton /illuminated matrix arrangement/ MIL-S-24317 and MIL-S-24317/7 /EC/ /proposed/ Final engineering development report	1971
19710080950	Project briefs /active projects/	1971
19710080951	Project briefs /completed project, supplement 8/	1971
19710080957	NASA static propeller Semiannual progress report	1971
19710080967	Hemet mounted display/sight system study	1971
19710080968	Review of recent developments. Oxidation- resistant coatings for refractory metals	1971
19710080970	Evaluation of molecular weight from equilibrium sedimentation. Part 5 - Solution by linear programming incorporated into regularization Summary report, Jan. - Oct. 1970	1971
19710080971	Rare earth doped apatite laser materials Final report, Sep. 1969 - Mar. 1971	1971
19710080972	A rolling fatigue tester. Its kinematic and elastohydrodynamic relationships Phase report, 1 Sep. 1970 - 1 Feb. 1971	1971
19710080973	Development of nondestructive test techniques for multidirectional fiber-reinforced resin matrix composites Annual report, Jun. 1969 - Jun. 1970	1971
19710080974	Research on turbojet combustor pollutant formation Monthly progress report, 19 Jul. - 15 Aug. 1971	1971
19710080975	Semiannual status report, 1 January - 30 June 1971	1971
19710080976	Annual report on NASA grant NGR-05-010-035, 1 August 1970 to 31 July 1971	1971
19710080977	Oceanographic multispectral scanning system Monthly progress report, 1 Apr. - 31 May 1971	1971
19710080978	Observations of corrosion control procedures aboard operating carriers	1971
19710080981	A digital simulator for exercising spectral analysis systems	1971
19710080983	Atmospheric structure, White Sands Missile Range, New Mexico. Part 2 - Temperature, relative humidity, dew point, station pressure, density, clouds, hydrometeors, and lithometeors	1971
19710080984	Bagsite users manual	1971
19710080987	Strength characterization on ceramic sonar rings Final technical report, 15 Feb. 1970 - 15 Feb. 1971	1971
19710080992	The design of variable-area ventilated-lip, flush or semiflush inlets for high-speed waterjet propulsion systems	1971
19710080993	Silicon RF power transistor metallization Semiannual report, 6 Jul. - 5 Dec. 1970	1971
19710080994	Wide band analog multiplier Technical report, Jun. 1970 - Mar. 1971	1971
19710080995	High-power VHF-UHF communication-surveillance transistors Final report, 1 Jun. 1969 - 31 Dec. 1970	1971
19710080996	Microwave polarizer using integrated circuit technology Final technical report, 23 Jan. 1970 - 23 Jan. 1971	1971
19710080999	Contract for regeneratively cooled graphite-lined thrust chamber Monthly report, 31 May - 27 Jun. 1971	1971
19710081001	A study of the structural behavior of thin films Bimonthly letter report	1971
19710081002	Aeronomy programs, tracking systems technical progress Monthly progress report, 1-31 May 1971	1971
19710081003	The effect of light on the paramagnetic-ferromagnetic phase boundary of SbSi ₃	1971
19710081004	Biochemical and hematological reactions to noise in man	1971
19710081005	Evaluation of personnel, maintenance and training requirements for VA/VP strike camera and air to air camera system installations Final report	1971
19710081006	Hardened power converter Final report, Jun. 1970 - Mar. 1971	1971
19710081007	Calculation of radar cross-section Interim technical report, 1 Jul. - 1 Dec. 1970	1971
19710081008	The Response of Terrestrial Surfaces at Microwave Frequencies	1971
19710081010	Production engineering measure multistage solid state power amplifiers Quarterly progress report, 6 Oct. 1970 - 5 Jan. 1971	1971
19710081011	Harmfulness of high-intensity noise examined	1971
19710081013	VHF vehicular antenna Semiannual report, 30 Jun. 1970 - 1 Feb. 1971	1971
19710081014	Feasibility study for a multi-mission electric propulsion spacecraft /Pioneer concept/ Final report	1971
19710081045	GSE end item specification for junction box assembly, pad, boilerplate 12, model no. C14-172	1971
19710081048	Aerobee-150 NRL/NB 3.245 /26 March 1971/ Meteorological data report	1971
19710081049	Scattering and propagation of acoustic waves in the presence of rough, penetrable boundaries Final report, 1 Apr. 1970 - 31 Mar. 1971	1971
19710081050	Manufacturing methods for COS/MOS memory Interim technical report, 1 Nov. 1970 - 1 Feb. 1971	1971
19710081051	Barkhausen effect and Rayleigh laws	1971
19710081052	On the origin of automatic dysfunctions through the action of noise	1971
19710081053	Test program for VTS-5751A1 TWT Final technical report, 30 Mar. - 1 Sep. 1970	1971
19710081054	Effect of strain rate, temperature and multiaxial stress on the strength and ductility of S-200E beryllium and 6 Al-4V titanium Final report, Dec. 1968 - Sep. 1970	1971
19710081055	Computer-assisted scanning techniques study. Volume 1 - Study report Final technical report	1971
19710081056	Computer-assisted scanning techniques study. Volume 2 - Appendixes Final technical report	1971
19710081057	Advanced techniques for determining long-term compatibility of materials with propellants Quarterly report	1971
19710081058	Investigation of boundary layer transition Progress report, 1 Apr. - 30 Jun. 1971	1971
19710081060	Translations on French nuclear, missile, space, and related military developments, number 279	1971
19710081061	Drag, static and dynamic stability characteristics of short cylinders with volute afterbodies at Mach numbers 0.2, 0.4, and 0.6 Final report	1971
19710081066	A laboratory comparison of three methods of personal conditioning	1971
19710081068	Alphanumeric character generator television display	1971
19710081069	Flat plate array antenna/A-6B-PAT /CAT 2/ system Final report, 7 Oct. 1970 - 7 Jan. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081072	Determination of Navy training capability for the Direct Altitude Identity Readout /DAIR/ system, AN/TPX-42 Personnel research memorandum report, Jul. 1970 - May 1971	1971
19710081074	Engineering design handbook, hydraulic fluids	1971
19710081076	Expected CNI position location accuracy with clock smoothing	1971
19710081077	In situ experimental determination of effectiveness temperature of fog disposal system installed at Orly Airport	1971
19710081078	Number of ice particles formed by heterogeneous nucleation in mixing chamber fog	1971
19710081079	Dynamic response of an elastic spherical shell to an acoustic wave	1971
19710081080	The noise problem	1971
19710081081	F sub 1 - F sub 1 repeater /hybrid locked oscillator/	1971
19710081083	Linear integrated electronic arrays Quarterly report, 1 Jun. - 31 Aug. 1970	1971
19710081084	Flight test and evaluation of the AN/ARA-63 in the F-8J airplane Final report	1971
19710081086	Isothermal forging of titanium alloy main landing gear wheels Interim engineering progress report, 1 Jan. - 31 Mar. 1971	1971
19710081087	AHP cylinder fabrication - LTV carbon-carbon composite Final report, Mar. - Dec. 1970	1971
19710081088	Manufacturing methods for surface integrity of machined structural components Interim report, 16 Jan. - 15 Apr. 1971	1971
19710081089	Manufacturing methods for COS/MOS memory Interim technical report, 1 Feb. - 1 May 1971	1971
19710081090	Design and development of mercuric oxide-cadmium battery Technical report, Mar. - Aug. 1970	1971
19710081091	Riometer development program. Part 2 - Filter techniques to reduce radio interference Final report	1971
19710081092	Nike-Apache NASA 14.465 and Mike-Apache NASA 14.467 Meteorological data report for 22 Apr. 1971	1971
19710081093	Aerobee-150 NASA 4.332UG Meteorological data report for 1 May 1971	1971
19710081094	The 08505 Honest John, missile number 4457, round number 607RML Meteorological data report for 5 May 1971	1971
19710081096	Manufacturing methods for gallium arsenide Final report, 30 Jun. 1969 - 31 Dec. 1970	1971
19710081097	Report of reliability/maintainability test and demonstration - MH-15 ejection seat indoctrination trainer air catapult assembly, PN 7027053	1971
19710081098	Aircraft baseloading model for peculiar ground support equipment Final report	1971
19710081099	Final electrical design report of the Gamble 2 pulse generator Final report	1971
19710081100	A cost-by-function model for avionic computer systems. Volume 2 - Model validation and data	1971
19710081101	On the hydrolytic degradation of a disiloxane/ester fluid under mechanical stress Technical report, Feb. 1969 - Mar. 1970	1971
19710081102	Advanced composite wing structures. Volume 3 - Fatigue tests Final report, Aug. 1970 - Feb. 1971	1971
19710081103	Titanium alloy scrap reclamation process, phase 2 Interim engineering progress report, 15 Dec. 1970 - 15 Mar. 1971	1971
19710081104	Thermal dependence of energy transfer processes between rare earth ions in crystals Technical report, 1 Jan. - 31 Dec. 1970	1971
19710081111	Manufacturing methods for rolling very high strength superalloy sheet Interim technical engineering report no. 5, 1 Feb. - 1 May 1971	1971
19710081112	A methodology for assessing technological uncertainty and risk in the Arctic SEV program Final report, 23 Feb. - 23 May 1971	1971
19710081113	Technical improvements to the NESTEF TACAN antenna test facility Final report	1971
19710081114	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the A-7E airplane Final report, 7 Aug. - 22 Sep. 1970	1971
19710081115	Full-scale transonic wind tunnel test of the 8 inch guided projectile	1971
19710081116	Fuel control improvement program Final report	1971
19710081125	Ausforging large, high strength steel aircraft structural components Final technical engineering report, 15 Jul. 1965 - 23 Mar. 1971	1971
19710081130	Aerodynamics of wrap-around fins - A survey of literature	1971
19710081131	Aerobee 170 NASA 13.36 Meteorological data report for 1 May 1971	1971
19710081135	Exploratory dome studies Final report, 1 Apr. 1970 - 1 Apr. 1971	1971
19710081136	A raindrop spectrometer with automatic data recording	1971
19710081137	The 12001 Little John laser missile no. 1190, round no. 676RO, 13 May 1971	1971
19710081138	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 9 Jan. - 8 Apr. 1971	1971
19710081139	Laser Division Digest, Spring 1971 Semiannual technical summary report, 1 Nov. 1970 - 1 May 1971	1971
19710081140	Characterization of the 725 integrated circuit operational amplifier	1971
19710081143	Manufacturing methods for high performance polyethylene battery separators Interim engineering report, 1 Feb. - 31 May 1971	1971
19710081144	Corrosion and compatibility Review of recent developments	1971
19710081145	Impeller clearance effects Monthly progress report for period ending 31 Jul. 1971	1971
19710081146	Patterns and gains of three operational HF antennas	1971
19710081147	Manufacturing methods for carboxy nitroso rubber Interim report, 1 Jan. - 30 Apr. 1971	1971
19710081148	Production engineering measure for field effect, metal oxide, semiconductor, cascode, 100 MHz Quarterly report, 1 Oct. - 31 Dec. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081149	Some comments on the Duane failure rate equation	1971
19710081150	Qualification of Bendix 30B58-5A 400-ampere dc generators Final report, Jan. 1969 - May 1971	1971
19710081151	Converter comparator group AN/URA-17/D/ - Second period engineering evaluation	1971
19710081152	Production engineering measure for Schottky barrier gallium arsenide diode Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710081153	Parametric study for the utilization and augmentation of the manned space flight network. Volume 3 - Information management and network user planning handbook Final report, Jul. 1970 - Jun. 1971	1971
19710081154	High altitude radiation measurements Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710081156	Electronically tuned antenna coupler Quarterly report, 1 Sep. - 31 Dec. 1970	1971
19710081157	Program to develop high strength aluminum powder metallurgy products. Phase 2 - P/M alloy optimization Final report, 21 Jan. 1970 - 20 Apr. 1971	1971
19710081158	Production engineering measure for integrated amplifier circuit XM596 Quarterly progress report, 15 Dec. 1970 - 15 Mar. 1971	1971
19710081159	Coherent rear projection viewer evaluation Technical report, Jan. - Nov. 1970	1971
19710081160	General surveillance of the Tartar/Terrier Mk 2 and Mk 3 gas generator igniter Mk 247 Mod 0	1971
19710081161	Accuracy of determination of projectile position using a polystation Doppler system	1971
19710081162	EMC data collection techniques limit setting by statistical analysis Final technical report, 3 May 1970 - 30 Jan. 1971	1971
19710081163	Quarterly status report, 1 April - 30 June 1971	1971
19710081164	Research and investigation of gas dynamic lasers Bimonthly progress report, 10 Jun. - 9 Aug. 1971	1971
19710081165	Self evacuating multilayer insulation for space shuttle vehicles Progress report, 1 Jul. - 31 Jul. 1971	1971
19710081166	Compatibility test for AIMS MARK 12 interrogation system Final report	1971
19710081168	Computer assisted naval applications of holography Final report	1971
19710081169	Advanced Communications, Inc. command receiver model R423, PN 211-0-02-000-41 spectrum utilization characteristics	1971
19710081170	Micronom model T45-H FM telemetry transmitter spectrum utilization characteristics	1971
19710081171	Intermediate energy nuclear physics utilizing the NASA Space Radiation Effects Laboratory Progress report, Jul. - Dec. 1970	1971
19710081172	Space cell test program Monthly progress report	1971
19710081174	Space cell test program Progress report	1971
19710081175	Theoretical and experimental investigations of collective microwave phenomena in solids Quarterly status report, 1 Apr. - 30 Jun. 1971	1971
19710081177	PT4-5033 /muA735 integrated circuit/, low power operational amplifier test data	1971
19710081178	Medical applications of space-related research - Calcium and bone Progress report	1971
19710081179	Cryogenic filament-wound tank evaluation Monthly progress report, 1 Jul. - 1 Aug. 1971	1971
19710081180	Analyses of NASA/DOD space applications and transportation system requirements/effectivity study Monthly progress report, Jul. 1971	1971
19710081182	Research and development of low-light-level/ near IR camera tube with solid-state array target Quarterly progress report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710081183	Automatic target recognition study Final report, 11 Jun. 1970 - 26 May 1971	1971
19710081184	Feasibility study of application of ground contact devices to air cushion vehicles, phase 1	1971
19710081185	Exploratory development program progress report for third quarter fiscal year 1971	1971
19710081186	Review of recent developments. Low temperature properties of metals	1971
19710081190	Digital pulse train sorter Research and development report, Jan. 1970 - Jan. 1971	1971
19710081191	Review of recent developments. Titanium and titanium alloys	1971
19710081192	Space age acronyms	1971
19710081200	Production engineering measure microwave latching X-band 3- and 4-port circulators and drivers, volume 1 Final report, Dec. 1967 - May 1971	1971
19710081201	Production engineering measure microwave latching X-band 3- and 4-port circulators and drivers, volume 2 Final report, Dec. 1967 - May 1971	1971
19710081202	Production engineering measure microwave latching X-band 3- and 4-port circulators and drivers, volume 3 Final report, Dec. 1967 - May 1971	1971
19710081203	Third surveillance of Air Force-held under seat rocket motors Mk 51 Mod 0	1971
19710081204	Study of multilayered insulation pipe penetration Monthly progress report	1971
19710081205	Improvement of interlaminar shear strength in organic matrix composites utilizing plasma deposited coupling agents Quarterly progress report, 1 Nov. 1970 - 1 Jan. 1971	1971
19710081206	Well stirred fuel tank model computer program	1971
19710081207	Laser spot homing simulator Final technical report	1971
19710081208	Santa Barbara pyrotechnic seeding device test program 1969 - 1970 season and 1967 - 1970 summary Final report	1971
19710081209	Performance characteristics of selected filters and pumps with an emulsified Jp-4 fuel Formal phase report, Sep. 1969 - May 1970	1971
19710081213	Code correlation study Technical report, 27 Aug. 1969 - 27 Oct. 1970	1971
19710081214	AN/PPS-18 /XN-1/ ultra reliable radar Interim development report, 1-31 May 1971	1971
19710081215	Target alignment time of UH-1B helicopter	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081218	Sapphire ribbon Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710081219	Proof of documentation and manufacture of the test set radio transmitter AN/ARM-139 Final report	1971
19710081220	Lightweight ceramic armor - A review	1971
19710081221	Manufacturing Methods and Technology measure /MMT/ program for GaAs laser crystal Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710081224	Performance of high voltage axially pulsed CO2 lasers	1971
19710081225	MNOS aerospace memory system design Final technical report, 27 May 1970 - 27 May 1971	1971
19710081226	Seismic array design	1971
19710081228	Performance synthesis /electro-optical sensors/ Final report	1971
19710081230	Radar set AN/PPS-17/XN-1/ failure free development program Interim development report, 1-30 Apr. 1970	1971
19710081236	Counting statistics for extended optical photodetectors Interim technical report	1971
19710081240	Shock wave and boundary layer formation and corner flow phenomena in rarefied hypersonic flow Monthly progress report, 26 Jun. - 26 Jul. 1971	1971
19710081241	Sliding seal electron beam welding of aerospace structures Interim engineering progress report, 1 Feb. - 30 Apr. 1971	1971
19710081242	The effects of time averaging on nonlinearly processed passive sonar performance	1971
19710081246	Dielectric spectroscopy of high temperature materials Final technical report, 1 Feb. 1970 - 31 Jan. 1971	1971
19710081247	Research and development on a nonscanning microwave frequency identifier Final report, 1 Dec. 1970 - 31 Mar. 1971	1971
19710081248	OPEVAL installation of service test model AN/ARN-99/V/2/XN-2/ air omega navigation set Interim report, 4 Jan. - 24 Mar. 1971	1971
19710081249	Durability comparison between evaporated and sputtered thin opaque metal films on optical glass	1971
19710081250	Static stability characteristics of the B-1 escape capsule at Mach numbers from 0.3 to 2.2 Final report	1971
19710081251	Test of high density bombs /BLU-58/B/ on the F-111 aircraft Final report, 1 Sep. 1970 - 10 Mar. 1971	1971
19710081252	Runway markings improvement study Final report	1971
19710081253	Flexible exit cone nozzle development program Final report, Aug. 1967 - May 1971	1971
19710081258	Astrogeodetic geoids referred to the Bessel ellipsoid for the Federal Republic of Germany	1971
19710081259	HF and VHF radar studies of barium ion clouds, Project SECEDE Final report	1971
19710081266	TF34 engine vibration analyzer Final report, Apr. 1970 - Apr. 1971	1971
19710081267	Test and evaluation of navigation system improvement for P-3A/B aircraft Interim report	1971
19710081268	Fluoric air data converter Final report, 1 Apr. 1970 - 31 May 1971	1971
19710081272	Spray disintegration in accelerating flow fields Monthly status report	1971
19710081273	Reusable nuclear stage advanced structures study Monthly progress report, 26 Jul. - 25 Aug. 1971	1971
19710081274	Space vehicle integrated thermal protection/ structural/meteoroid protection system Monthly progress report, 15 Jul. - 15 Aug. 1971	1971
19710081275	Fluorine lubricated bearing technology Monthly report, Jul. 1971	1971
19710081276	Fiber glass supports for cryogenic tanks Monthly activity report, 1 Jul. - 31 Jul. 1971	1971
19710081278	Progress report, June 1970 - June 1971	1971
19710081279	Effect of baffles on combustion instability Monthly progress report, Jul. 1971	1971
19710081280	Investigation of propellant flow control system Monthly technical progress report, Jul. 1971	1971
19710081281	Pulse gating laser beam Final report, 1 Dec. 1969 - 30 Nov. 1970	1971
19710081282	Transonic/supersonic aerodynamic characteristics and control effectiveness of proposed high-wing single-body canard SSV booster vehicle	1971
19710081285	Efficiency of O2/1 Sigma g plus/ formation by O/1 D/ plus O2	1971
19710081286	Production engineering measure computer aided design system for linear integrated circuits Quarterly progress report, 17 Dec. 1970 - 17 Mar. 1971	1971
19710081287	Development of a method to produce pictures with acoustic energy Technical report, 1 Dec. 1969 - 31 Dec. 1970	1971
19710081290	Program description document for ADEADR signature data monitor, A-scope, AGC, and AGC-VCO cross-section system	1971
19710081291	RACOMS reproduction module Engineer design test report, Jul. 1968 - Mar. 1970	1971
19710081292	NRL Super Chief. Phase 2 report. Flight test Annual report, 1 Apr. 1970 - 31 Mar. 1971	1971
19710081293	Nike-Cajun /three sphere ejection/-5 Meteorological data report for 25 Mar. 1971	1971
19710081294	North Atlantic Treaty Organization cooperative lubricant testing and test material exchange program	1971
19710081295	Design verification Chatham 100-ampere converter Final report, Nov. 1970 - May 1971	1971
19710081296	Production engineering measure for improved cathode mix for electron tubes Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710081297	Development of LP wave discrimination capability using LP strain instruments Quarterly report, 1 Jan. - 30 Apr. 1971	1971
19710081298	Production engineering measure. Final power output traveling wave tube Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710081299	Production engineering measure for S-band 10 - 20 watt transistor Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710081306	Translations on French nuclear, missile, space, and related military developments, no. 285	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081307	AN/PPS-18 /XN-1/ ultra reliable radar Interim development report, 1 - 30 Apr. 1971	1971
19710081308	Flight test of the SIGN 3 Kalman inertial Doppler system Final report, 27 Feb. - 27 Nov. 1970	1971
19710081309	Atlas guidance operations validation results for SESP flight 70-2 /Atlas 76F/OV1-20 and OV1-21/	1971
19710081314	Implications of compressor inertia forces on noise and vibrations	1971
19710081316	AUTOVON switch performance - European area	1971
19710081318	Sloping screen tracing viewer Final report	1971
19710081319	Viewer analysis printer station Final report	1971
19710081320	The monitor system for the Minsk-2 computer	1971
19710081322	Military uses of infrared techniques	1971
19710081323	Estimation of unknown anomalies by means of a stochastic model	1971
19710081324	Effect of melting on high hardness alpha stabilized areas in Ti-6 Al-4V alloy Final technical report, 1 Feb. 1969 - 31 Jan. 1971	1971
19710081325	Quarterly progress report, 1 May - 1 August 1971	1971
19710081326	Determination of the intensity of turbulence in a liquid rocket combustion chamber Semiannual status report, 1 Jan. - 30 Jun. 1971	1971
19710081327	Jovian satellite eclipse	1971
19710081328	Diffusion and phase relationships in meteoritic irons Final report	1971
19710081330	Semiannual progress report, 1 December 1970 - 31 May 1971	1971
19710081333	Design and development of diborane shipping container Monthly status letter, 7 Jun. - 6 Jul. 1971	1971
19710081334	Metal tank fracture and design criteria Monthly progress report, 1-31 Jul. 1971	1971
19710081342	Radar set AN/PPS-17/XN-1/ failure free development program Interim development report, 1 - 31 May 1971	1971
19710081344	A comparison of adhesive bonding systems for potential use in the fabrication of the airmobile aircraft maintenance shop using constant stress data	1971
19710081347	Hydrogen-oxygen catalytic ignition and thruster investigation Monthly progress report, 26 Jun. - 23 Jul. 1971	1971
19710081348	An investigation of gas turbine combustors with high inlet air temperatures. Part 1 - Combustor modelling	1971
19710081349	Investigation of high voltage powerline separation criteria	1971
19710081350	High frequency gallium arsenide Schottky barrier gate field effect transistor	1971
19710081352	Accelerated service test of a J57-P-20A engine with hot section modifications Final report, 28 May 1969 - 5 Nov. 1970	1971
19710081354	Stability tests on the PLS-series of SES models to determine the effect of sidewall length	1971
19710081359	High dispersive acoustic filter study Interim progress report, 1 Oct. 1970 - 1 Mar. 1971	1971
19710081360	Engineering notebook for indicator, azimuth range AN/SPA-25/XN-2/	1971
19710081361	Spurious interference investigation - Honeysuckle tracking station, phase 1 Interim report	1971
19710081362	Spurious interference investigation - Continuation of phase 2 test plan for Goldstone tracking station	1971
19710081370	Summary of MOS handling precautions and practices	1971
19710081371	Investigation of the detectivity of radiation- produced defect levels in n- and p-type silicon and germanium Semiannual progress report	1971
19710081372	Optimal space communications techniques Status report, 16 Dec. 1970 - 15 Mar. 1971	1971
19710081375	Harmonic synergy and the trapped-plasma mode in avalanching P/plus/NN/plus/ semiconductor junctions	1971
19710081376	Lower cost high strength boron filament Final progress report, 15 Jan. 1969 - 15 Jul. 1970	1971
19710081377	Fabrication process for oxidation resistant diboride materials	1971
19710081378	Investigation and analysis development of early life aircraft structural failures Final report, 15 Apr. 1968 - 15 Oct. 1970	1971
19710081379	Stress gage feasibility analysis Technical report, 5 Jun. - 15 Dec. 1970	1971
19710081380	Parameters affecting the propagation of 15, 35, and 95 GHz radio signals in cold regions Technical report, 1 Feb. - 30 Apr. 1971	1971
19710081381	The spatial arrangement of interrelated units	1971
19710081382	Investigation of a vortex in the inlet of a submerged nozzle	1971
19710081383	Initial production test of pulse form restorer TD-206/G Final report	1971
19710081385	Electric spirit level for battery alignment	1971
19710081386	Quality assurance testing of a newly overhauled Pratt and Whitney Aircraft J52-P-8A turbojet engine	1971
19710081387	Optical sources Triannual report no. 5, 15 Nov. 1970 - 15 Mar. 1971	1971
19710081388	Annotated bibliography on meteorological sensors and measuring techniques in the atmosphere, 1970 Final report, 1 Mar. 1969 - 28 Feb. 1971	1971
19710081390	Evaluation of phosphoric acid matrix fuel cells Semiannual report, 18 Aug. 1970 - 18 Feb. 1971	1971
19710081391	The zap laser analysis program Final report	1971
19710081392	Titanium surface treatments for paint applications and adhesive bonding Progress report	1971
19710081393	Applied optics research report Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710081394	A study of the cost effectiveness of having the Department of Defense procure and maintain its communications electronic computer systems	1971
19710081395	Background information and user guide for MIL-F-83300 military specification - Flying qualities of piloted V/STOL aircraft Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081396	Improvement of interlaminar shear strength in organic matrix composites utilizing plasma deposited coupling agents Quarterly progress report, 1 Jan. 1 Apr. 1971	1971
19710081397	Wind tunnel and free flight range tests of 3- and 5-cal Army-Navy spinner projectiles with rotation bands Final report, 6 Jul. - 24 Nov. 1970	1971
19710081400	Design and fabrication of a 70 millimeter interference imaging system Final technical report	1971
19710081404	Electronic computer programming techniques	1971
19710081405	Safeguard target system deployment test Final report	1971
19710081406	Thermal degradation of polymers using mass spectroscopy-thermogravimetric analysis techniques Technical Report, Apr. 1970 - Feb. 1971	1971
19710081407	Experiments to evaluate graphite heat sink material Interim report	1971
19710081408	Production engineering measure for 2 watt, 20 watt and 100 watt thermoelectric coolers Quarterly progress report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710081409	E-2C airplane radar detector processor /CV-2869/APS-120/ maintainability demonstration Final report, 24 Mar. - 30 Apr. 1971	1971
19710081411	Evaluation of data compression methods for image transmission	1971
19710081412	C-3 reliability verification test procedure part number 2760121	1971
19710081414	Production techniques for extruding and drawing beta III titanium alloy shapes Interim engineering report, 1 Jan. - 31 Mar. 1971	1971
19710081415	Manufacturing methods program for a 25-watt power amplifier module /225 to 400 MHz/ - Technical performance summary Interim report, 1 Feb. - 30 Apr. 1971	1971
19710081416	Time domain measurement of microwave absorbers Interim technical report, 15 Jun. - 15 Dec. 1970	1971
19710081417	Development of IR processing techniques Technical report, Oct. 1969 - Nov. 1970	1971
19710081419	Quarterly progress report, 5 October 1970 - 4 January 1971	1971
19710081420	Single crystal transducers and dielectrics Final technical report, 1 Jan. 1969 - 31 Dec. 1970	1971
19710081421	Engineering design handbook - System analysis and cost-effectiveness	1971
19710081422	Tele-dynamics model 1086A, FM telemetry transmitter spectrum utilization characteristics	1971
19710081424	An investigation of gas turbine combustors with high inlet air temperatures. Part 3 - Experimental developments Annual report, Mar. 1970 - Mar. 1971	1971
19710081431	Theoretical and Experimental Study of Advanced Materials /TESAM/. Volume 1 - Shock wave dispersion in 3D reinforced heat shield materials Progress report, May 1968 - May 1970	1971
19710081432	A design study of C-band printed circuit traveling wave tube Final report, 16 Feb. - 31 Oct. 1970	1971
19710081433	Radio frequency isolators Quarterly progress report, 1 Oct. - 31 Dec. 1970	1971
19710081438	Aerobee-170 NASA 13.14CS, 29 April 1971	1971
19710081439	Modification of the TRAC Ebers-Moll model for improved high frequency and collector storage time predictions	1971
19710081440	Production engineering measure for VHF fundamental mode crystal blanks Quarterly progress report, 30 Nov. 1970 - 28 Feb. 1971	1971
19710081441	Automatic photographic analysis system for X-ray radiographs. Code-R system Interim engineering progress report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710081442	Picosecond pulse antenna techniques Final report, 21 Jan. 1970 - 21 Jan. 1971	1971
19710081443	Study of the stability of stratified shear layers	1971
19710081446	T58 engine 1971 component improvement programs Engineering progress status report, 1 Jan. - 30 Apr. 1971	1971
19710081447	Distress marker light, SDU-31/E	1971
19710081448	Method of manufacturing perfluorinated carboxylic acids	1971
19710081450	Chemical vapor deposition of boron nitride from B-trichloroborazole	1971
19710081452	The /phi-pi/ fault isolation by parameter identification Final report, 1 Feb. - 30 Apr. 1971	1971
19710081453	Dynamic fracture of crystalline solids - Studies in copper	1971
19710081454	General war antiballistic missile system model /ABM 1 model/. Programming specifications manual. Volume V-a - Simulator sub-system. Part 1 - Program description Computer system manual	1971
19710081455	A study of sonic and eddy-sonic instruments for the inspection of adhesively bonded composite aircraft structures	1971
19710081456	Advanced microelectronic design, technology and measurements for military applications Annual report, 1 Oct. 1969 - 1 Oct. 1970	1971
19710081457	Experimental aerodynamics of multiple weapon carriage Final report, Jul. 1969 - Dec. 1970	1971
19710081458	An investigation of gas turbine combustors with high inlet air temperatures. Part 2 - Heat transfer Annual report, Mar. 1970 - Mar. 1971	1971
19710081459	Development of ferroelectric nuclear radiation detectors Final report, 1 Nov. 1967 - 31 Jul. 1970	1971
19710081460	Prototype gearbox flywheel /flybox/ for stored energy rotary drive shipboard catapult Final design report	1971
19710081461	General war antiballistic missile system model /ABM-1 model/. Analytical manual. Volume 4-A - Missile post-allocator subsystem Computer system manual	1971
19710081462	A-4/TA-4F/A-6/F-4/F-8 series aircraft/CE1-3 catapult high density altitude tests Final report	1971
19710081463	The determination of horizontal derivatives of gravity in the exterior space from an extension of the Stokes function	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081464	Bibliographic compendium of spectroscopic data on N2, 1960 to 1967 Technical report, 25 Jan. 1967 - 1 Oct. 1970	1971
19710081465	Reliable flat cable connectors Semiannual report, 1 Jul. - 3 Dec. 1970	1971
19710081466	Development of HCI and HF detection system Final report, 1 Jun. 1970 - 2 Jun. 1971	1971
19710081467	ONDINE - A numerical solution to Maxwell's equations in one dimension	1971
19710081468	Research program to develop techniques for obtaining meteorological inferences from satellite observed infrared spectra Final report	1971
19710081469	Regeneratively cooled rocket engine for space storable propellants Quarterly report	1971
19710081470	Satellite communication systems - Studies and investigations	1971
19710081471	The DREV hypersonic range number 5 black and white Schlieren	1971
19710081472	Projectile detectors for hypersonic ranges	1971
19710081474	Alternate space shuttle concepts study	1971
19710081478	Suppression of combustion oscillations with mechanical damping devices Quarterly progress report, 27 Mar. - 27 Jun. 1971	1971
19710081479	Space cell test program Monthly progress report, Jun. 1971	1971
19710081481	A study of the natural argon laser Final report	1971
19710081485	Dynamics of the human body in free fall Final report	1971
19710081486	Transverse instabilities of magnetically self-focusing streams in plasmas Semiannual progress report	1971
19710081487	Semiannual status report, 1 January - 30 June 1971	1971
19710081492	Propellant tailoring techniques for controllable rocket motors. Volume 1 - general /U/ Final report, 15 Apr. 1969 - 31 Jan. 1971	1971
19710081493	Propellant tailoring techniques for controllable rocket motors. Volume 2 - Single-chamber propellants /U/ Final report, 15 Apr. 1969 - 31 Jan. 1971	1971
19710081494	Propellant tailoring techniques for controllable rocket motors. Volume 3 - Dual-chamber propellants /U/ Final report, 15 Apr. 1969 - 31 Jan. 1971	1971
19710081503	Manufacturing methods and technology measure for 18 mm microchannel plates /U/ Quarterly report, 1 Oct. 1970 - 28 Feb. 1971	1971
19710081506	Weight and performance factors for laser designators /U/	1971
19710081510	Rotary hydraulic actuator for aircraft steer-damping Final report, 15 Dec. 1969 - 1 May 1971	1971
19710081511	Data processing technologies Final report, Jun. - Nov. 1970	1971
19710081512	Properties of simple atoms and ions Quarterly reports, 1 Jan. - 30 Jun. 1971	1971
19710081513	Steady state interaction between radiation and matter in stellar atmospheres Progress report, 1 Jan. - 30 Jun. 1971	1971
19710081514	The possible observation of straight lightning	1971
19710081515	Infrared spectra of molecules and materials of astrophysical interest Quarterly progress report, 15 Mar. - 15 Jun. 1971	1971
19710081516	A study of jet impingement on curved surfaces followed by oblique introduction into a freestream flow Six month progress report, 1 Feb. - 1 Aug. 1971	1971
19710081517	Sampling tube study	1971
19710081519	Spurious interference investigation - Phase 2 test report for Goldstone tracking station	1971
19710081522	Experimental investigation of combustor effects on rocket thrust chamber performance Quarterly status report	1971
19710081523	Space shuttle auxiliary propulsion /APS/ valves Quarterly technical progress report, Jul. 1971	1971
19710081532	Study of meteor trail radiation Monthly progress report	1971
19710081533	Tasks 5 and 6 Monthly progress report, 1 Apr. - 30 Apr. 1971	1971
19710081535	Higher-order language study for avionics programming Final report, 1 Jul. 1970 - 1 Jun. 1971	1971
19710081536	Engineering evaluation of the AR-109/XW-1/ viewer-printer, projection, photographic	1971
19710081539	Contract quarterly performance report, sixth quarter	1971
19710081540	ATS-F magnetometer experiment Quarterly report, Dec. 1970 - Feb. 1971	1971
19710081542	Characteristics of a gelled liquid hydrogen polyphenylene oxide /PPO/ foam open cell insulation system Monthly progress report, 11 Jul. - 10 Aug. 1971	1971
19710081546	Calibration procedures of radar and radar interface	1971
19710081547	Calibration procedures of the radar and radar interface in the F4J aircraft, addendum no. 1	1971
19710081548	Electro-optical parametric study. Volume 1. Phase 1 - Point-source imaging sensor performance Technical report, May 1968 - Jun. 1970	1971
19710081549	Electro-optical parametric study. Volume 2. Phase 2 - Evaluation of silicon vidicon-targets Technical report, May 1968 - Jun. 1970	1971
19710081550	Development of the crack opening displacement technique for the determination of growth of surface cracks Final report	1971
19710081552	Ocean data station alpha 70/71 sensor system description, North Pacific study configuration	1971
19710081553	Integral Industries, model T-FML-103, FM telemetry transmitter spectrum utilization characteristics	1971
19710081554	Selective address eidophor Final technical report, Mar. 1969 - Jul. 1970	1971
19710081558	Strengthening mechanism of high strength titanium alloys Technical report, Dec. 1969 - Dec. 1970	1971
19710081563	The correlation of medical history data with biochemical laboratory values Final report	1971
19710081564	Cycle testing of graphite filament-wound pressure vessels Monthly progress report, 26 Jul. - 25 Aug. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081565	Parametric study for the utilization and augmentation of the manned space flight network. Volume 2 - CANDU program development Final report, 1 Jul. 1970 - 30 Jun. 1971	1971
19710081566	Electronically scanned horizon sensor, amended section 8 Final report	1971
19710081569	Compact high resolution intensifier system /U/ Final report, Apr. 1969 - Sep. 1970	1971
19710081570	Special auxiliary antenna techniques with application to sidelobe blanking systems /U/ Final report	1971
19710081571	Sampling and analysis of combustion products of an air augmented rocket /U/ Final report, 9 Dec. 1970 - 15 Jan. 1971	1971
19710081572	Development of high temperature resistant materials for use in naval ordnance /U/ Quarterly report, 27 Jan. - 27 Apr. 1971	1971
19710081577	Solid propellant impulse scaling prediction techniques /U/	1971
19710081578	Wind tunnel tests of supersonic two- dimensional and half-axisymmetric inlet models in a nonuniform flow field at Mach numbers from 1.5 through 2.5 /U/ Final report, 15 Oct. - 18 Nov. 1970	1971
19710081582	Terrain following controller flight test /U/ Technical report, 1 Apr. 1969 - 7 Jul. 1970	1971
19710081586	Exploratory development of high thrust, high performance rocket motor /U/ Final technical report, 16 Jun. 1970 - 15 May 1971	1971
19710081599	Production engineering measure for 18 mm microchannel wafer image intensifier tube /U/ quarterly progress report, 24 Dec. 1970 - mar. 1971	1971
19710081600	Surveillance of Solid AGM-12B sustainer Mk 8 Mods 1 and 2 /U/	1971
19710081601	Surveillance evaluation of the ASROC motor Mk 37 /reworked grain/ /U/	1971
19710081606	Development of a high-strength, mesa type, smokless double-base propellant for the Dragon guided missile gas generator /U/	1971
19710081620	Development of traveling-wave mixer devices for frequency conversion /U/ Interim development report, 1 Jan. - 31 Mar. 1971	1971
19710081621	Aerodynamic characteristics of the AFFDL advanced manned interceptor at Mach numbers from 0.6 to 1.3 /U/ Final report, 10-12 Feb. 1971	1971
19710081622	Scavengers systems /U/ Final technical report, 16 Dec. 1968 - 15 Dec. 1970	1971
19710081623	Comparison of predicted and measured ocean losses northeast of the Bahamas /U/ Final report	1971
19710081626	An analysis of historical and feasibility data for the Interseamount Acoustic Range /ISAR/ /U/ Research and development report, 1967 - 1969	1971
19710081628	Photoionization measurement study Quarterly report, 16 Mar. - 15 Jun. 1971	1971
19710081629	Modification of Nimbus 4 Backscatter Ultraviolet experiment /BUV/, engineering model Final report	1971
19710081630	Mathematical analysis and computer programming services in support of the SAPPASAC experiment for the ATS spacecraft Quarterly report, 19 Dec. 1970 - 19 Mar. 1971	1971
19710081632	Metals joining Review of recent developments	1971
19710081648	A study of the local pressure field in turbulent shear flow and its relation to aerodynamic noise generation Semiannual status report, 1 Feb. - 31 Jul. 1971	1971
19710081649	Research on bearing lubricants for use in high vacuum Quarterly progress report, 1 May - 31 Jul. 1971	1971
19710081650	Parametric study for the utilization and augmentation of the manned space flight network. Volume 1 - Network coverage and communications studies Final report, 1 Jul. 1970 - 30 Jun. 1971	1971
19710081652	Accelerated heat ageing and its relation to shelf storage life. 1 - Sulphur vulcanised natural rubber	1971
19710081653	High temperature hydrocarbon fuels research in an advanced aircraft fuel system simulator on fuel AFFB-13-69 Technical report, Aug. 1969 - Apr. 1970	1971
19710081659	Experimental studies of a confined supersonic jet	1971
19710081660	Observations on the visible emission from electronically excited CS sub 2	1971
19710081662	Magnetic probe applications to ballistic measurements	1971
19710081663	The equations of motion of a satellite in the instantaneous astronomical system	1971
19710081664	Motorola model MTT 501, FM telemetry transmitter, spectrum utilization characteristics Evaluation report	1971
19710081666	Chemical analysis of solid surfaces by soft X-ray appearance potential spectroscopy	1971
19710081670	Structural studies of bearing steel undergoing cyclic stressing Final summary report	1971
19710081671	Materials and methods for joint-sealing landing mat airfields Technical report, Nov. 1969 - Dec. 1970	1971
19710081672	Char density and permeability of liquid- propellant-fired ablative chambers	1971
19710081673	The TEA laser - A new diagnostic tool for the controlled thermonuclear fusion program	1971
19710081674	Theoretical pressure distributions on four simple wing shapes for a range of supersonic flow conditions	1971
19710081678	On the resonance phenomenon in a linearly polarized rectangular waveguide phased array Interim report	1971
19710081679	Military potential test of aircraft recovery kit Final report, 5 May 1970 - 16 Feb. 1971	1971
19710081680	A 3- to 5-micron parametric oscillator Final technical report, Apr. 1969 - Mar. 1971	1971
19710081681	Production engineering measure for capacitors, electrolytic, aluminum high reliability Quarterly progress report, 20 Dec. 1970 - 20 Mar. 1971	1971
19710081683	Summary and findings - Survey and preliminary study of the military implications of changing air traffic control	1971
19710081684	Influences and implications of changing air traffic control on worldwide USAF aircraft operations	1971
19710081685	Radio astronomy Explorer-B in-flight mission control system. Design study Final report	1971
19710081686	Athena V-146-D, flight 127 Meteorological data report for 14 May 1971	1971
19710081687	Separation characteristics of the Black Crow pod from the F-4C and F-4e aircraft at Mach numbers from 0.37 to 0.90 Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081688	Production engineering measures for a ferrite solid state limiter protector Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710081689	Decay of boundary layer turbulence in the near wake expansion region of a slender body	1971
19710081690	Influence of ingot-annealed temperature on the structure of an Al-Zn-Mg 1 alloy and on the sensitivity to layer and stress corrosion of the corresponding sheets	1971
19710081692	Magnetic characteristics of high-strength steels HY-80, HY-100, HY-130, and QT-35	1971
19710081693	C-band and X-band LSA transmitter source Semiannual report, 1 Jun. - 30 Nov. 1970	1971
19710081695	Performance, maintenance and reliability testing of AB Dick model 9600 video jet printer Final report	1971
19710081697	Removal of potting materials analytical rework work request no. 90086 Final report	1971
19710081698	Sound ranging and data reduction in support of the sounding rocket program Monthly progress report, 1 Jun. - 30 Jun. 1971	1971
19710081699	Reliability review and analysis of the open cycle fuel cell power plant Final report	1971
19710081700	Engineering and service test of standard air delivery equipment personnel and cargo at high drop zone elevations Final report, 6 Mar. - 29 Sep. 1970	1971
19710081702	Individual acceptance test, connector for cryogenic assembly	1971
19710081703	An evaluation of high temperature materials for thin-walled tubes	1971
19710081704	Qualification tests of two, type MS 25182-2, Elcon plug connectors for use with standard MS 18093 aircraft storage battery receptacles	1971
19710081705	Simulation of the Vibrational Environment Affecting Reliability of Avionics Equipment Onboard US Army Helicopters	1971
19710081706	Research in inhomogeneous turbulent wake flows Quarterly progress report	1971
19710081707	A survey and preliminary study of worldwide USAF aircraft operations and air traffic control	1971
19710081708	Elastomers suitable for resilient mounts to improve service life. A feasibility study	1971
19710081709	Colloid thruster technology Quarterly report, 21 Feb. - 30 May 1971	1971
19710081711	Reflectivity-rainfall relationships and reflectivity variability observed with a hybrid video processor Final report, 1 Feb. 1969 - 31 Dec. 1970	1971
19710081713	Monthly progress report, July 1971	1971
19710081714	Hardware implementation of a Doppler internal system	1971
19710081715	Experiments on GaAs oscillators as noise sources	1971
19710081718	User's guide for the Preliminary Requirements Model /PRM/, volume 1	1971
19710081719	User's guide for the Planning Model/General Scheduling Model /PM/GSM/, volume 2	1971
19710081720	User's guide for the One Day Model /ODM/, volume 3	1971
19710081721	User's guide for the Planning Model Scheduling Processor /PMSP/, volume 4	1971
19710081722	User's guide for the Diagnostic and Listing Program /D and Lp/, volume 5	1971
19710081723	Space station mission model update, volume 6 Summary report	1971
19710081724	Wind tunnel pressure signatures for a delta wing space shuttle vehicle	1971
19710081726	National Aeronautics and Space Administration Space Cell program Monthly progress report	1971
19710081727	Diffusion and phase relationships in meteoritic irons Final report	1971
19710081728	A theoretical study of index number construction for Department of Defence use	1971
19710081730	Advanced electron device technology Status report no. 123	1971
19710081732	Fatigue damage accumulation and testing for performance evaluation Final report, Jun. 1969 - Nov. 1970	1971
19710081733	Simulation research to develop objective meteorological prediction capability Semiannual report, 16 Nov. 1970 - 16 May 1971	1971
19710081734	Report of test on transformer, 3O, power, step-down 154098 OECO Corporation	1971
19710081737	Instrument capabilities survey helicopter PIFAX program /CDG-PF-8/	1971
19710081738	Development and testing of heat exchangers for a 1 watt, 3.6 K, rotary-free-piston refrigerator Final technical report, Dec. 1968 - Dec. 1970	1971
19710081741	Nucleonic massmetric instrumentation of propellants for aircraft Final report, Jul. 1966 - Apr. 1970	1971
19710081744	Generalized model for microcircuit transient radiation response prediction-neutrons Technical report, Sep. 1968 - Sep. 1969	1971
19710081745	Research on devices using acoustic surface waves Final report, 12 Feb. 1970 - 11 Feb. 1971	1971
19710081749	Comparison of terrestrial and lunar mass wasting processes Semiannual status report	1971
19710081750	Fundamental studies of the metallurgical, electrical, and optical properties of gallium arsenide Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710081751	Report of test on transformer, power, inverter, 35 kHz, 373120 Pacific Instrument Company	1971
19710081753	RADC experimental engineering site capabilities	1971
19710081754	Production engineering measure for multi-electrode crystals 30-70 MHz. Type CR-/XM-72//U and CR-/XM-73//U Quarterly progress report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710081756	Semiannual progress report	1971
19710081760	Failure analysis of five Mallory XTV357T1OOPOL tantalum electrolytic capacitors	1971
19710081761	Stability characterization of refractory materials under high velocity atmospheric flight conditions. Part 5, volume 1 - Additional studies Technical report, Nov. 1969 - Dec. 1970	1971
19710081762	Take-Off and Landing Critical Atmospheric Turbulence /TOLCAT/ experimental investigation Interim report, Mar. 1968 - Nov. 1969	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081763	The design requirements, description and functional operation of the A/P22 S-4 and A/P22 S-6 high altitude, flying outfits	1971
19710081764	Status of Mk 88 Poseidon module testing	1971
19710081766	Development of battle damage aircraft tires Final report	1971
19710081767	Nike-Hydac BE-01 IEO /20 May 1971/ - Meteorological data report	1971
19710081768	Aerobee-150 NASA 4.303 /19 may 1971/ - Meteorological data report	1971
19710081769	Research on cavitating pump instabilities Monthly progress report, 1 Apr. - 30 Apr. 1971	1971
19710081770	Status of Mk 88 /Poseidon/ module testing	1971
19710081771	Nike-Cajun NASA 10.280 NA 12 May 1971	1971
19710081772	Status of MK 88 POSEIDON module testing	1971
19710081773	Status of MK 88 POSEIDON module testing	1971
19710081774	Effect of varying processing parameters in the fabrication of adhesive-bonded structures. Part 6 - Production processes Final report, 12 Jan. 1970 - 12 Jan. 1971	1971
19710081775	Marine seismic survey - Low frequency 3, data analysis Final report	1971
19710081776	Substrate influence on electrical insulation resistance of circuit board conformal coatings	1971
19710081778	Engineering model for rapid annealing Technical report, Mar. 1970 - Jan. 1971	1971
19710081779	Production engineering measure for precision resistor ladder network /film type/ Quarterly progress report, 7 Dec. 1970 - 7 Mar. 1971	1971
19710081780	Integrated solid state transceiver Semiannual report, 15 Oct. 1969 - 15 Apr. 1970	1971
19710081784	T-38 airframe fatigue analysis and service life estimate	1971
19710081785	Microwave hybrid development program Final engineering report, 7 Oct. 1968 - 30 Jun. 1971	1971
19710081796	Phase holographic storage media for display applications Final report, 5 Jun. 1970 - 4 Jun. 1971	1971
19710081797	Propagation of electromagnetic waves through plasma Final technical report	1971
19710081798	Hydraulic pump, sustainer	1971
19710081799	Hose assembly-booster oxidizer start, 3/4 inch	1971
19710081800	Hydraulic pump, booster	1971
19710081801	Capacitors, mylar wrap and fill - Various manufacturers	1971
19710081802	Evaluation of discharge capabilities of nickel-cadium aircraft batteries Final report	1971
19710081803	Effect of interfaces in metal matrix composites on mechanical properties	1971
19710081804	Improvement of a structural fatigue sensor Final report, Apr. 1969 - Apr. 1970	1971
19710081805	MLO-68-5, a less-flammable hydraulic fluid for MIL-H-5606/B/ replacement Technical report, Mar. 1966 - Sep. 1970	1971
19710081806	Status of MK 88 POSEIDON module testing	1971
19710081807	Status of MK 88 POSEIDON module testing	1971
19710081810	Qualification, ceramic chips, US capacitor	1971
19710081811	Qualification, ceramic chips, electro material	1971
19710081812	Corrosion cracking of metallic materials Technical report, Oct. 1969 - Oct. 1970	1971
19710081813	Lumped parameter modeling of integrated circuits Technical report, Nov. 1969 - Aug. 1970	1971
19710081814	Height-velocity test OH-58A helicopter Final report, 14 Nov. 1969 - Mar. 1971	1971
19710081815	Evaluation of TridairIndustries structural panal fasteners for the F-14 aircraft	1971
19710081817	Systems component electromagnetic compatibility Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710081818	Program to develop high strength aluminum powder metallurgy products. Phase 3 - Scale-up A Quarterly report, 21 Jan. - 20 Apr. 1971	1971
19710081819	Developmental investigation of Litton A-1000 accelerometer Final report	1971
19710081828	Quality assurance briefs, NASA, Goddard Space Flight Center	1971
19710081829	Limited evaluation testing on resistor, metal oxide film, sintered on ceramic core	1971
19710081830	Failure analysis of flow control valve body, Republic P/N 7-31-67-1	1971
19710081831	A seismic study of travel-time anomalies, network effects and location techniques in the Aleutian Islands	1971
19710081832	Qualification, magnetic amplifier, Scott	1971
19710081833	PAR susceptibility measurement program methodology	1971
19710081834	Study of RF modulated crossed field amplifiers Semiannual report, 20 Jun. - 19 Dec. 1970	1971
19710081839	WP-3A weather reconnaissance airplane system evaluation Interim report	1971
19710081840	Investigation of solid cadmium embrittlement in A7 horizontal tail actuator horn and shaft assemblies	1971
19710081843	Development of a 50,000-lb capacity recovery system. Phase 3 - Performance evaluation of a 50,000-lb capacity extraction force transfer coupling Final report, 5 Aug. 1969 - 24 May 1971	1971
19710081844	Maintenance and enhancement of the AED system Interim technical report, 9 Dec. 1970 - 8 Mar. 1971	1971
19710081845	Thermal performance tests of a fluid cooled cabin wall for hypersonic aircraft Technical report, Oct. 1967 - Mar. 1968	1971
19710081846	Manufacturing methods for continuous wound aircraft tires Interim technical report, 15 Oct. 1970 - 15 Apr. 1971	1971
19710081847	The relationship of microstructure and mechanical properties of extruded titanium alloy bars to the prior deformation processing history Technical report, 17 Nov. 1968 - 15 Jul. 1970	1971
19710081848	A contribution to the determination of recent crustal movements. Accuracy of the determination of horizontal changes of position on Iceland from 1938 to 1965	1971
19710081849	Manufacturing methods program - Argon lasers Quarterly report, 1 Dec. 1970 - 1 Mar. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081851	Manufacturing methods program - 100 Ku-band power amplifier Quarterly progress report, 1 Mar. - 1 Jun. 1971	1971
19710081853	High temperature resistant elastomers or compliant polymers Final report, 1 May 1969 - 30 Nov. 1970	1971
19710081854	A quantitative evaluation of test methods for brittle materials Final report, 1 Jul. 1969 - 1 Jul. 1970	1971
19710081855	Environmental qualification test report, flight components, third stage pyro assembly	1971
19710081862	Status of Mk 88 /Poseidon/ module testing	1971
19710081864	Multiwheel landing gear-soils interaction and flotation criteria, phase 3, part 1 Technical report, 17 Nov. 1969 - 17 Dec. 1970	1971
19710081865	Forming titanium alloy stringer sections under hydrostatic pressure Interim engineering progress report, 15 Mar. - 15 Jun. 1971	1971
19710081866	Precision quartz crystals Semiannual report, 15 Jun. - 15 Dec. 1970	1971
19710081867	Development of high temperature polyimide systems for high performance aircraft structural applications Summary technical report, 15 May 1970 - 15 Mar. 1971	1971
19710081869	Status of Mk 88 /Poseidon/ module testing	1971
19710081870	A three failure tolerant computer system	1971
19710081873	Status of Mk 88 /Poseidon/ module testing	1971
19710081876	Mobil RM-184A turbo oil service evaluation	1971
19710081877	Magnetic rare earth compounds Final technical report, 19 May 1970 - 19 Jun. 1971	1971
19710081878	Report of test on magnetic amplifier saturable reactor 154354 Pacific Instrument Company	1971
19710081879	Semiannual status report for period 1 Jan. - 1 Aug. 1971	1971
19710081880	Electro optical surveillance - Cloudcroft Final report, Jul. 1969 - Feb. 1971	1971
19710081881	Manufacturing method for precision casting titanium alloy aircraft components Interim engineering progress report, 16 Mar. - 16 Jun. 1971	1971
19710081882	On the response of airplanes in a 3-dimensional gust field	1971
19710081885	Production engineering measure of a very high current, high speed pulse silicon controlled rectifier Quarterly report, 31 Dec. 1970 - 31 Mar. 1971	1971
19710081886	Radiation pyrometer for gas turbine blades	1971
19710081890	Advanced calorimeter designs and fabrication solutions for high-energy, high-intensity pulsed electron beams	1971
19710081893	Blast fields about rockets and recoilless rifles Final technical report, Dec. 1969 - May 1971	1971
19710081894	The 12001 Little John Laser, missile no. 1352, round no. 677 /26 May 1971/ - Meteorological data report	1971
19710081895	Status of MK 88 /POSEIDON/ module testing	1971
19710081896	Status of MK 88 /POSEIDON/ module testing	1971
19710081898	A digital computer program for calculating the blast response of aircraft to nuclear explosions. Volume 1 - Program description Technical report, Nov. 1969 - Sep. 1970	1971
19710081900	A review of stability characteristics for blunt bodies with circular and square cross-sections at high subsonic speeds	1971
19710081902	Multichannel Recording Techniques for Multiple Aperture Sensors	1971
19710081903	Evaluation of the high rate, step discharge capabilities of nickel-cadmium aircraft batteries Final report	1971
19710081905	Effect of thermal stabilization on the properties of a high temperature, glass reinforced phenolic molding compound, supplement	1971
19710081906	Twenty years of Czechoslovak parachute production	1971
19710081907	On the evaluation of successive satellite passages	1971
19710081908	Dynamic geodesy - Determination of the figure of the earth by gravimetric methods	1971
19710081909	Engineering design handbook - Infrared military systems, part 1	1971
19710081910	Nike-Cajun NASA 10.278NA /11 May 1971/ Meteorological data report	1971
19710081911	Formation of mixed layers, at the time of nucleation, on a foreign support	1971
19710081912	Space communications - Division 6 Quarterly technical summary report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710081913	Contribution to certain statistical problems tied to the Barkhausen effect	1971
19710081914	A simple model of the Barkhausen effect	1971
19710081915	The effect of ionizing radiation on the thermal stability of some polypromellitimides	1971
19710081916	SY-116-A photochromic flashblindness protection system evaluation Interim report	1971
19710081918	Optimum implementation of topological structures for interactive computer displays	1971
19710081919	Ceramic Awareness Bulletin Number 28, May - June 1971	1971
19710081920	Individual acceptance test, connector for cryogenic assembly	1971
19710081921	Retrieval of aerodynamic heating information. Part 1 - Unclassified material, supplement 1 - Abstracts, 1966 - 1968	1971
19710081930	Long period array processing development Final report, 21 Apr. 1969 - 31 Mar. 1971	1971
19710081931	Vehicle synthesis for high speed aircraft. Volume 2 - Weights and geometry analysis Final report, Dec. 1969 - Jan. 1971	1971
19710081932	Status of MK 88 POSEIDON module testing	1971
19710081933	Vehicle synthesis for high speed aircraft. Volume 1 - Analysis techniques and user's instructions Final report, Dec. 1969 - Jan. 1971	1971
19710081936	The gravimetric correction term as a function of the topographic correction including second-order terms	1971
19710081937	Applications of ultrasound to photoprocessing Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710081939	An analytical approach to the design of a plasma expansion cup	1971
19710081940	Combining the gyroscopic moment with the restoring moment and the related dispersion of a body Final report, 10 Feb. - 31 Oct. 1970	1971
19710081941	Evaluation of TF39 engine anti-icing systems at simulated altitude icing conditions and engine start characteristics Final report, 23 Jun. - 31 Oct. 1970	1971
19710081942	The geodetic contribution to the investigation of recent crustal movements	1971
19710081947	The advanced plutonium fuels program Quarterly status report, 1 Jan. - 31 Mar. 1971	1971
19710081949	Fluorescence of saturated hydrocarbons. 4 - Dependence on temperature and excitation wavelength	1971
19710081950	Note on elastic p-p scattering with 200 GeV colliding beams	1971
19710081953	Analysis of a BaO cloud in the upper atmosphere /Secede 3, Event Gum/	1971
19710081961	Administrative report, August 1971 Progress report, 25 May - 31 Aug. 1971	1971
19710081963	Monolithic catalyst beds for hydrazine reactors Monthly status letter, 27 Jul. - 31 Aug. 1971	1971
19710081964	Reusable space shuttle vehicle thermal protection Monthly progress report	1971
19710081965	Two phase detonation as related to rocket motor combustion instability Semiannual progress report, 1 Feb. - 1 Aug. 1971	1971
19710081966	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation systems Monthly progress report, 1 Aug. - 31 Aug. 1971	1971
19710081967	Investigation of cryogenic rupture disc design Monthly progress report, 25 Jul. - 29 Aug. 1971	1971
19710081969	Shuttle APS propellant thermal conditioner study Monthly progress report, 19 Jul. - 30 Jul. 1971	1971
19710081970	A study of celestial objects of high angular momentum Semiannual status report, 1 Feb. - 31 Jul. 1971	1971
19710081974	Translations on French nuclear, missile, space, and related military developments, no. 286	1971
19710081976	Space shuttle auxiliary propellant valves Quarterly progress report, 1 Mar. - 31 May 1971	1971
19710081978	Internal morphology of coated diamonds	1971
19710081979	The construction of a fluidic system for studying the effects of moisture on hydrophone ceramics	1971
19710081981	Methods, devices, and circuits for the EMP hardening of Army electronics Final report, 2 Jan. 1970 - 1 Jan. 1971	1971
19710081983	The 11601 Lance, missile no. PF-2, round no. 113RBT /14 May 1971/- Meteorological data report	1971
19710081984	The use of light-initiated, sprayed explosive to accelerate flyer plates Technical report, Apr. 1969 - Dec. 1970	1971
19710081985	Metal deformation processing Annual report, 1 Sep. 1969 - 31 Aug. 1970	1971
19710081986	Electron beam studies of the properties of molecular and atomic oxygen Final technical report, 15 Dec. 1968 - 15 Feb. 1970	1971
19710081987	Investigations of the effect on noise on the general health of the workers in large engineering works	1971
19710081990	Reactor operations Monthly report, Feb. 1971	1971
19710081991	Foreign trip report of the topical meeting on fast high flux test reactor design	1971
19710081993	A project for a research laboratory with a pulsed neutron source and other facilities	1971
19710081995	Examination of the AQM-37A target propulsion system for possible leakage Final report	1971
19710081997	Remote Raman detection study instrument Quarterly progress report, Oct. - Dec. 1970	1971
19710081998	Effect of copper on metal corrosion during chemical cleaning Final evaluation report	1971
19710081999	USDA dissemination system for U-10 aircraft Final report	1971
19710082000	Resistive loading technique for HF shipboard antennas Research and development report, Oct. 1970 - Feb. 1971	1971
19710082001	Extension to NAP-3 Interim report 19 Mar. - 19 Jul. 1971	1971
19710082002	Investigations and analysis of flow phenomena in axial flow inducers Progress report	1971
19710082003	Theoretical and experimental studies of high altitude chemical releases, using digital computing, photochemical and spectrophotographic analyses Semiannual status report, 1 Mar. - 31 Aug. 1971	1971
19710082004	Semiannual status report, Jan. - Jun. 1971	1971
19710082005	Research on spacecraft electrical power conversion Semiannual status report, period ending 31 Jul. 1971	1971
19710082006	Radio astronomy Quarterly progress report	1971
19710082008	Flow visualization and analytical research for the development of mathematical models in incompressible flow Semiannual status report, 1 Jan. - 30 Jun. 1971	1971
19710082009	Property determination of sprayed coatings Monthly technical progress report, Aug. 1971	1971
19710082010	Liquid hydrogen turbopump rapid start program Monthly progress report	1971
19710082011	Evaluation of the trash rocket concept Monthly status report, period ending 31 Aug. 1971	1971
19710082012	Supersonic jet exhaust noise Monthly progress report, Sep. 1971	1971
19710082013	Modification to high speed facsimile equipment Final report	1971
19710082015	Study of structural active cooling and heat sink systems for space shuttle Monthly progress report, 1 Aug. - 31 Aug. 1971	1971
19710082016	Effect of environment on insulation materials Monthly technical progress report, 1 Aug. - 31 Aug. 1971	1971
19710082017	Two-phase oxygen inducers Monthly progress report	1971
19710082018	Advanced refractory alloy corrosion loop program Quarterly progress report, 15 Jan. - 15 Apr. 1971	1971
19710082019	Research on turbojet combustor pollutant formation Monthly progress report, 15 Aug. - 15 Sep. 1971	1971
19710082020	Evaluation of absorption cycle for space station environmental control system applications Monthly progress report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082029	A low-energy-X-ray survey of the galactic plane. X-ray and optical observations of Sco X-1 and observations of the X-ray background Final report	1971
19710082031	Failure mechanism of ACS valve in CPF service, phase 2, part 1 Interim technical report, 1 Sep. - 31 Dec. 1970	1971
19710082032	Engineer design test /tri-service flare evaluation/ of flare, aircraft, parachute, XM170, LUU-2/B, MK45, MK24, M8A1, MLU32/B99 Firing report, 19 Nov. - 4 Dec. 1970	1971
19710082041	Static load testing of the TF30-P-100 engine structure	1971
19710082042	Accelerated stress-corrosion tests for heat treatable aluminum alloys	1971
19710082043	AFRPL low-altitude exhaust plume computer programs Final report, Jun. 1968 - Jun. 1971	1971
19710082044	Active impedance matching for microwave acoustic delay lines Final report	1971
19710082048	Check test of batch interface detection equipment Final letter report	1971
19710082049	Production engine report, T53-L-13B	1971
19710082050	A study of FCC communications and position fixes for the AN/SMT-1 NOMAD N35 buoy, 1968	1971
19710082053	Radioactive nondestructive test method	1971
19710082056	Poly/fluoroethers/ from alpha H, alpha H, omega H, omega H-perfluoro alkane- alpha,omega-diols. Part 4 - Poly(oxyethyleneoxy-alpha H, alpha H, omega H, omega H-perfluoro polymethylenes/	1971
19710082057	Services provided in support of the planetary quarantine requirements of the National Aeronautics and Space Administration Report, Jan. - Mar. 1971	1971
19710082061	Shuttle teleoperator systems human factors design requirements Progress report	1971
19710082063	Empirical evaluation of pump inlet compliance Monthly status report, 29 Jul. - 27 Aug. 1971	1971
19710082064	Meteorite photography and recovery network Semiannual report, 1 Jan. - 30 Jun. 1971	1971
19710082065	Franklin Institute quarterly report, 1 April - 30 June 1971	1971
19710082067	Report of test on transformer, stepdown, magnetic amplifier driver, 154355, Pacific Instrument Company	1971
19710082068	Individual acceptance test, connector for cryogenic assembly	1971
19710082069	Wo3- its growth and crystallographic investigation	1971
19710082070	Psychological and physiological-organic damage due to the effects of noise and high sound and tone intensities	1971
19710082071	Dust cloud analysis for event Dial Pack Final report	1971
19710082072	Omega navigational set, AN/ARN-99/XN-1/ Final engineering report, Feb. 1968 - Oct. 1970	1971
19710082074	A study of the structural behavior of thin films Bimonthly letter report, 27 Jun. - 26 Aug. 1971	1971
19710082076	A summary of NASA/IDEP alerts	1971
19710082077	Surface properties of thermionic electrodes Quarterly status report, 1 May - 31 Jul. 1971	1971
19710082078	Regeneratively cooled rocket engine for space storable propellants Monthly status report, period ending 1 Sep. 1971	1971
19710082079	Experimental investigation of pion decays at the Los Alamos meson physics facility	1971
19710082082	Digital equipment susceptibility Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710082084	The ISIS-2 spacecraft	1971
19710082088	Properties of multilayer filters Interim report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710082089	Space station. MSFC-DPD-235 DR no. SE-07, mass property, phase B Status report	1971
19710082090	Design, testing, and general analytical effort for investigation of tandem row high head pump inducer Monthly progress report, 1-31 Jul. 1971	1971
19710082091	An investigation of the robustness of the Kalman-Empirical Bayes filter	1971
19710082097	Methods, devices, and circuits for the EMP hardening of Army electronics Quarterly progress report, 2 Aug. - 1 Nov. 1970	1971
19710082098	Severe equilibrium disturbance following a strong sound stimulus received through bilaterally worn earphones	1971
19710082099	Translations on French nuclear, missile, space, and related military developments, no. 282	1971
19710082100	Experimental investigation of combustor effects on rocket thrust chamber performance Monthly status report, period ending 1 Sep. 1971	1971
19710082101	Effect of solutes on the creep strength of columbium alloys Monthly progress report, 31 Jul. - 31 Aug. 1971	1971
19710082103	Quarterly progress report, 2 Jun. - 2 Sep. 1971	1971
19710082104	Investigation of the feasibility of developing low-permeability polymeric films Monthly technical progress report, Aug. 1971	1971
19710082106	Space shuttle Attitude Control System /ACS/ thruster penetration heating Monthly letter report, Aug. 1971	1971
19710082107	Metal tank fracture and design criteria Monthly progress report, 1 - 31 Aug. 1971	1971
19710082108	TACSAT on-orbit support project Status report, 1 Apr. - 23 June 1971	1971
19710082110	Diffusion bonded titanium structures Final report, Nov. 1969 - Oct. 1970	1971
19710082111	Experimental and theoretical investigation of the directly excited carbon monoxide laser Final technical report, Jan. 1970 - Feb. 1971	1971
19710082112	Exploratory development on advanced fluids and lubricants in extreme environments by mechanical characterization Technical report, 1 Dec. 1969 - 30 Nov. 1970	1971
19710082115	Convolutional coding techniques for data protection Quarterly progress report, 16 May - 15 Aug. 1971	1971
19710082118	Black-and-white infrared film for color photography Final report, 1 Nov. 1969 - 31 Mar. 1971	1971
19710082119	Development test of the FMU-63/B long delay fuze	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082122	Fluid dynamics aspects of cardiovascular behavior during vibration Quarterly progress report	1971
19710082143	Compass Look /U/ Final report	1971
19710082157	Synchronous meteorological satellite phase C design report. Volume 1, book 2 - Design analysis	1971
19710082158	Preliminary tests of a fluid encapsulated launch technique /felt/	1971
19710082161	The space electric power R and D program /U/ Quarterly status report, period ending 30 Apr. 1971	1971
19710082170	Target discrimination study, volume 1 /U/ Final report, Nov. 1969 - Feb. 1971	1971
19710082171	Target discrimination study, volume 2 /U/ Final report, Nov. 1969 - Feb. 1971	1971
19710082193	Radar cross section of the OH-58 helicopter in L, S, and X bands /U/ Final report	1971
19710082197	Altitude performance evaluation of the Williams Research Corporation WR19-A2 turbofan engine /U/ Final report, 16 Oct. - 23 Nov. 1970	1971
19710082199	A solid state VHF air-search radar /U/ Final report	1971
19710082206	LWIR mosaic captive-flight-test system /U/ Quarterly report, 1 Feb. - 30 Apr. 1971	1971
19710082210	Synchronous meteorological satellite. Volume 1 - Design analysis Design report, phase C	1971
19710082212	Throttleable Solid Augmented Rocket /TSAR/. Volume 1 - Technical report /U/ Final technical report, 3 Feb. 1969 - 15 Mar. 1971	1971
19710082213	Throttleable Solid Augmented Rocket /TSAR/. Volume 2 - Appendices /U/	1971
19710082214	Investigation of the effects of polarization agility on monopulse radar angle tracking, volume 2 /U/ Final technical report, Jan. 1970 - Apr. 1971	1971
19710082216	Cryogenic propulsion ground-hold system /U/ Final technical report, 1 Jul. 1970 - 31 Mar. 1971	1971
19710082217	An investigation of an augmented strapdown inertial guidance system /U/ Final engineering report	1971
19710082218	The Terrier Sustainer Mk 30 Mod 1 type- life program /U/ Final report	1971
19710082219	An experimental study of plume effects on lifting re-entry vehicles /U/ Final technical report, 15 Sep. 1969 - 15 Mar. 1971	1971
19710082221	A submarine surveillance system employing magnetic sensors /U/	1971
19710082231	AIH3 propellant sensitivity /U/ Quarterly technical report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710082232	Synchronous meteorological satellite. Volume 2 - System design Design report, phase C	1971
19710082236	Synchronous meteorological satellite. Volume 3 - Subsystem design Design report, phase C	1971
19710082238	Lance 11602, Missile No. PF-4, Round No. 116 RST Meteorological data report	1971
19710082239	Calculations on the sensitivity of the X-ray field backscattered from soil due to subterranean material differences	1971
19710082240	Protective headgear for shore party HST personnel Final report	1971
19710082241	Improved graphite materials for reentry vehicles, 4 Final report, 1 Jan. - 31 Oct. 1970	1971
19710082242	Sensitivity enhancement techniques for liquid droplet detection Quarterly progress report, Dec. 1970 - Feb. 1971	1971
19710082243	The homicidal chauffeur - A differential game	1971
19710082244	Serviceability of used type 1, MIL-H-19457B /ships/ fire-resistant hydraulic fluids	1971
19710082245	Application of data management systems to command control Technical document, Jul. 1969 - Dec. 1970	1971
19710082248	Experimental investigations of the psycho-physical fundamental formula with reference to the sense of sight	1971
19710082251	Applied Science Division Progress report, 1 Jan. - 31 Mar. 1971	1971
19710082252	Gimbaled reaction wheel mounting Quarterly progress report, 8 Nov. 1970 - 8 Jan. 1971	1971
19710082256	Design, testing, and general analytical effort for investigation of tandem row high head pump inoucer Monthly progress report, 1-31 Aug. 1971	1971
19710082257	Study of low gravity propellant transfer Monthly progress report, 1-31 Aug. 1971	1971
19710082258	Composite tanks with load sharing liners Monthly progress report, 1-31 Aug. 1971	1971
19710082261	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle Monthly progress report, 1-31 Aug. 1971	1971
19710082263	Emergency airborne escape summary A report of ejections and bailouts, 1970	1971
19710082264	Photoemission studies of GaSb and of Cs-O surface treatments Final reports	1971
19710082265	A production engineering measure for compact five-gun cathode ray tubes Quarterly report, 19 feb. - 19 may 1971	1971
19710082266	Vessel for sodium cooled fast nuclear reactors - General considerations and critical bibliographic examination of some structures	1971
19710082268	Tables of thermophysical properties of helium	1971
19710082288	Attitude control engine requirements - Influencing factors, origins and evolution, and relevancy to current R and D efforts /U/ Technical report, 15 May - 1 Sep. 1970	1971
19710082289	[No Title]	1971
19710082295	Final development report on an automatic acquisition package for the MT/TWS-FA radar seeker /U/	1971
19710082296	Active radar seeker versus all-weather requirements of CONDOR /U/	1971
19710082309	An analysis of subterranean storage bunkers subject to adverse arctic temperature cycles Technical report, 1 Dec. 1970 - 1 Feb. 1971	1971
19710082323	Development of a low cost transient suppressor for tactical radios Final report, 31 Mar. - 30 Dec. 1970	1971
19710082326	High temperature graphite irradiation creep experiment in the Dragon reactor. Project Dragon	1971
19710082328	Production engineering measure, high power xenon lamp Quarterly progress report, Dec. 1971 - 15 Mar. 1971	1971
19710082329	Fabrication of high speed, high accuracy /15 Bit/ central converter Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082330	SHF high power airborne antenna Final technical report, 1 May 1969 - 15 Mar. 1971	1971
19710082331	Electrochemical machining /ECM/ Quarterly interim report, 1 Apr. - 30 Jun. 1971	1971
19710082332	Fracture characteristics of structural aerospace alloys containing deep surface flaws Monthly progress report, 1-31 Aug. 1971	1971
19710082333	Cycle testing of graphite filament-wound pressure vessels Quarterly technical progress narrative no. 9, 26 Jun. - 25 Sep. 1971	1971
19710082334	Project Fog Drops - Investigation of warm fog properties and fog modification concepts Quarterly progress report	1971
19710082342	Systems component electromagnetic compatibility Quarterly report, 1 Mar. - 31 May 1971	1971
19710082344	Properties of urethane rubber encapsulating compounds	1971
19710082345	Underwater Manipulative Construction Systems /UMCS/ Technical note, Jul. - Dec. 1969	1971
19710082346	Flight test ranges suitable for cannon launched guided projectiles Final report	1971
19710082347	A-7 precautionary and flameout landing evaluation Final report	1971
19710082348	Type 2 for indicator group AN/SPA-25/XN-2/ Final report, 1 Jul. 1970 - 9 Apr. 1971	1971
19710082349	Integrated microwave communication modules Final report, 1 Apr. 1970 - 30 Mar. 1971	1971
19710082351	Ground support equipment planning and requirements list special listing, section 4	1971
19710082353	Automated inputs for the VALUE 4 /Validated Aircraft Logistics Utilization Evaluation/ model Final report	1971
19710082354	Bonding and adhesives Progress report, 1 Jan. - 31 Mar. 1971	1971
19710082356	Electromagnetic interference /EMI/ study of six typical Army portable 3 kw engine- generator sets Final technical note, Jul. - Dec. 1970	1971
19710082357	Linemaster, model LT-1	1971
19710082358	Boiling in liquid metals - Influence of velocity on the wall superheating	1971
19710082359	Induced side forces on slender bodies at high angles of attack and Mach numbers of 0.55 and 0.80	1971
19710082360	Summary of investigations, research and design on information storage and retrieval methodologies Final report, 15 Sep. 1969 - 15 Jul. 1971	1971
19710082361	Definition and modeling of the measure of effectiveness for the management of flexible sensors task	1971
19710082362	Acoustic homing feasibility study Final report, Jan. 1968 - Jul. 1970	1971
19710082363	Vibration and elevator loads survey tests of the UH-1 M helicopter with the Forward- Looking Infrared /FLIR/ system installed Final report, 9 Sep. 1970 - 25 May 1971	1971
19710082364	Platinum-free laser glass Annual report, 30 Jun. 1970 - 30 Jun. 1971	1971
19710082365	The development and evaluation of a ultra high resolution television system Final report, Feb. 1969 - Dec. 1970	1971
19710082366	Development of remote methods for obtaining soil information and location of construction materials using gamma ray signatures for Project Themis Annual report	1971
19710082367	Production engineering measure for quartz crystal unit CR-/XM-71//U Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710082368	Catalog of avionic display components, techniques, and devices	1971
19710082372	Technical investigation of dual range inputs to the CP848 computer Final report	1971
19710082375	Application of the Galerkin method in the design of stable liquid rocket motors Semiannual report, 1 Feb. - 31 Jul. 1971	1971
19710082377	The 11601 Lance, missile no. PF3, round no. 115 RBL /1 June 1971/ - Meteorological data report	1971
19710082380	Attack aircraft/helicopter tactics Final report, 15 Oct. - 15 Dec. 1970	1971
19710082381	Qualification and design verification of Chatham 55A converter Final report, Aug. 1970 - Apr. 1971	1971
19710082383	Prefabricated facilities technology Technical report, 13 Feb. 1968 - 1 Jul. 1970	1971
19710082387	Modification of flight rated helmet AGU-15/P for use in protective mask studies Final report, Apr. 1968 - Jun. 1970	1971
19710082388	A concept for integrated application of airlift operations subsystems within the Military Airlift Command integrated management system	1971
19710082389	Short boom spray system on C-123 Final report, 15 Jul. - 14 Dec. 1970	1971
19710082390	Evaluation of personnel and training requirements for the AN/USM-247/5/, VAST /Versatile Avionics Shop Test/ system Interim report	1971
19710082391	Swimmer aural compass evaluation	1971
19710082392	Initial production test of Troposcatter sets AN/TRC-112 and AN/TRC-121. Supplement 1 - Electromagnetic compatibility test Final report	1971
19710082393	Night marker investigation	1971
19710082394	Fabrication of synchro input modules for a high speed, high accuracy /15 bit/ synchro to digital converter Final report	1971
19710082395	Projection masking system Summary report	1971
19710082396	Reliability evaluation of Nike Hercules rocket motor, M5	1971
19710082397	Altitude performance of five United Technology Center Titan 2 Translation motors having ages from 85 to 100 months Final report	1971
19710082398	Manufacturing methods for mercury doped germanium infrared detector arrays Interim report, 1 Mar. - 31 May 1971	1971
19710082399	Modification of surveillance and communication optical propagation equipment for 10.6 micron operation Final technical report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082401	Wing roll control devices for transonic high lift conditions. Part 2 - Variable sweep configuration. Volume 1 - General configuration, devices test results, conclusions Final report, 25 Aug. 1969 - 30 Sep. 1970	1971
19710082402	Some mechanical properties of thermally treated U-2Mo	1971
19710082403	Evaluation of a wide-base silicon diode for fast neutron dosimetry	1971
19710082405	Production-preproduction testing of AN/AQS-13A/B components Interim report, Sep. 1970 - Jan. 1971	1971
19710082406	Evaluation criteria for heated diver suit systems	1971
19710082407	NAVTOPSTA range user's manual	1971
19710082408	Adaptation of 747 Specific Behavioral Objectives /SBO/ program to military use	1971
19710082409	Engineering and service test of standard air delivery equipment personnel and cargo at high drop zone elevations. Annex A - Medical aspects of the engineering and service test of standard air delivery equipment personnel at high drop zone elevations	1971
19710082410	Limited evaluation of the PAU-8/A aircraft spray tank Final report, 9 Mar. 1970 - 11 May 1971	1971
19710082411	Evaluation of a preprototype electro-hydraulic servo actuator for a boiler feedwater control valve Final report	1971
19710082412	P-3C airplane weapons system maintainability demonstration, phase 2 Final interim report	1971
19710082413	Experimental verification of the shear deformation effect on the moment distribution calculation used in the design of ship components Final report	1971
19710082415	Exterior ballistic analysis of bomb MARK 82/SNAKEYE/UNRETARDED	1971
19710082416	Safe escape data for F-100, F-105, and F-4 aircraft from M117 GP bomb and MK82 GP bomb fragmentation envelopes Final report, Apr. - Aug. 1970	1971
19710082417	Test and evaluation of a tensiometer for measurement of tensions in guying systems at naval LF communications stations Final report, Jan. - Nov. 1970	1971
19710082418	Computerized Air Strike and Counter Air Defense Evaluation model /CASCADE 3/. Programming specifications manual. Volume 1 - Program description	1971
19710082420	Production engineering measure for 2 watt, 20 watt and 100 watt thermoelectric coolers Quarterly progress report, 1 Feb. - 30 Apr. 1971	1971
19710082423	Experimental determination of pressure drop of PEC reactor fuel element	1971
19710082426	Optimization study for an internal support flange in a nuclear reactor vessel	1971
19710082428	Aerodynamic characteristics of several light-assault weapon configurations at transonic speeds Final report	1971
19710082429	Comparability test of M72 /HEAT/ and XM74 /incendiary/ rockets Special publication, Dec. 1970 - Jan. 1971	1971
19710082430	Studies in planetology, including the collection and interpretation of planetary information Status report, 1 Jan. - 30 Jun. 1971	1971
19710082431	Monitoring of EA-6B aircrew automated escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development Interim report, Mar. - Jun. 1971	1971
19710082432	PGL laser materials research Final report, 29 Oct. 1968 - 29 Apr. 1971	1971
19710082433	Evaluation of F-4 5 micron disposable hydraulic filter elements	1971
19710082434	Wind tunnel testing capabilities at the naval ship research and development center Final technical note	1971
19710082435	Principles and techniques of satellite navigation using the Timation 2 satellite Interim report	1971
19710082436	LTV-Bell accelerometer bias stability improvement program	1971
19710082437	Establishment of a manufacturing process for thin walled conical beryllium structures involving hot isostatic pressing, phase 2 Interim engineering progress report, 1 Dec. 1970 - 15 Mar. 1971	1971
19710082438	Seismic array analysis center Quarterly technical summary report, Apr. - Jun. 1971	1971
19710082440	MIS FET radiation hardening requirements Final report, 15 Jul. 1970 - 29 Mar. 1971	1971
19710082441	High power L band source Final report, Aug. 1967 - Jul. 1970	1971
19710082442	Investigation of propellant flow control system Monthly technical progress narrative no. 2 for Sep. 1971	1971
19710082443	Impeller clearance effects Monthly progress report	1971
19710082446	Investigation of the feasibility of developing low permeability polymeric films Quarterly technical progress report, Apr. - Jun. 1971	1971
19710082447	Nonlinear and digital man-machine control systems modeling Status report, 1 Mar. - 31 Aug. 1971	1971
19710082448	Analysis and synthesis of distributed-lumped- active networks by digital computer Annual report, 1 Sep. 1970 - 31 Aug. 1971	1971
19710082453	A cost-by-function model for avionic computer systems	1971
19710082454	TIGAR - A triangular mesh diffusion code in two and three space dimensions	1971
19710082455	SURVEY - A computer program for determining acceleration boundaries and the environment of an interceptor missile during blast traversal	1971
19710082456	Resonant absorbers of waterborne sound based on viscous losses in fluid films	1971
19710082457	Effects of various stresses on protein metabolism and brain serotonin Annual report, 1 May 1970 - 1 May 1971	1971
19710082458	The alongwind Gaussian distribution parameter of aerosol concentration produced by elevated line sources	1971
19710082465	A study of some operational problems encountered with the F-89/RP-76 target launch vehicles	1971
19710082467	Scattering from some finite arrays of randomly oriented coupled dipole elements	1971
19710082468	Rayleigh-wave multipath analysis using a complex cepstrum technique	1971
19710082469	An investigation of two new high-resolution two dimensional spectral estimate techniques	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082472	Aerodynamic characteristics of a fluidic- controlled anti-tank missile with curved fins at Mach numbers from 0.2 to 1.3 Final report	1971
19710082473	Study of the effect of lubricant properties on the elastohydrdynamic lubrication of rolling bearings Final summary report, 13 Dec. 1969 - 13 May 1971	1971
19710082474	A parametric investigation of capture air bubble vehicle aerodynamic drag and other characteristics	1971
19710082475	Fire resistant hydraulic fluids	1971
19710082476	Radome, Antenna and RF circuitry /RARF/ Interim report, 1 Jul. 1970 - 31 Mar. 1971	1971
19710082477	Production engineering measure for 25mm intensified diode array camera tube Quarterly progress report, 29 Jan. - 29 Apr. 1971	1971
19710082479	Translations on French nuclear, missile, space, and related military developments, no. 287	1971
19710082481	Strapped-down Accelerometer and Angular Rate Sensors /SAARS/ development Final engineering report, 15 Jun. 1970 - 30 Jul. 1971	1971
19710082482	Tropic service test of rangefinder AN/GVS-3 Final report, Nov. 1969 - Jan. 1971	1971
19710082484	General war antiballistic missile system model /ABM-I model/. Programming specifications manual, volume 1-A - Data input/output subsystems. Part 1 - Program description	1971
19710082485	Aircraft carrier catapult through heating study	1971
19710082486	Development of teaching and research in conveying technology in technical schools and colleges of the German Democratic republic	1971
19710082488	Prevention of corrosion in the Army	1971
19710082489	Harrier carrier operational evaluation trials aboard H.M.S. ARK ROYAL, 4-14 May 1971	1971
19710082490	Modifications to Devenco model PPS-3A radar fence Final technical report, 28 Apr. 1970 - 22 Mar. 1971	1971
19710082495	Space shuttle auxiliary propulsion /APS/ valves Monthly technical progress report, Aug. 1971	1971
19710082496	Characteristics of a gelled liquid hydrogen polyphenylene oxide /PPO/ foam open cell insulation system Monthly progress report, 11 Aug. - 11 Sep. 1971	1971
19710082497	JSIPS trajectory-sensor /TRASEN/ program - Verification test procedures	1971
19710082498	Flying qualities evaluation of the Harrier airplane with V/STOL sideslip modifications Final report	1971
19710082499	Accelerated service testing of the model J52-P-8B engine smoke abatement hardware Interim report, 3 Oct. 1970 - 11 May 1971	1971
19710082500	Thermal dissociation reactions in sodium compounds	1971
19710082502	Extension in the use of Ecco interferometer tables to incidence angles other than 45 degrees	1971
19710082503	Development of the rolling contact fatigue machine for the evaluation of fatigue characteristics of gas turbine lubricants as related to rolling element bearings	1971
19710082505	Local stability of imperfect anharmonic lattice systems - Cell cluster analysis of lattice with coincidence boundaries	1971
19710082514	Stabilized Line-of-sight Optical Tracker /SLOT/ /U/ Final report	1971
19710082524	Integrated analysis document for AADC /U/ Interim report	1971
19710082525	Ballistically tolerant replacement aircraft components /U/ Final report	1971
19710082532	Tradex L/S modification - A brief description /U/	1971
19710082534	Non-destructive testing of Shrike AGM-45 rocket motors Mk 39 and Mk 53 and gas generator Mk 6 Mod 2 /U/	1971
19710082540	Study of the combustion efficiency of fluorine-containing solid propellants /U/ Quarterly progress report, 1 Mar. - 31 May 1971	1971
19710082563	Studies on auditory and vestibular end organs and brain stem nuclei Semiannual report, 1 Oct. 1970 - 30 Apr. 1971	1971
19710082564	The determination of multiple element airfoil geometries for maximizing lift coefficient Semiannual status report	1971
19710082565	User handbook for trailer, cargo, 5 ton, airportable /act 5/	1971
19710082566	Thermal protection capacity of the A/P22S-4 high altitude flying outfit	1971
19710082567	A manufacturing process for TD cobalt-nickel- chromium sheet Interim engineering progress report, 1 Aug. 1970 - 1 Apr. 1971	1971
19710082568	Manufacture of high strength TD nickel- chromium tubing Interim engineer progress report, 1 Nov. 1970 - 15 Mar. 1971	1971
19710082569	Design theories for wide band acoustic surface wave delay lines Final report, 1 May 1970 - 28 Feb. 1971	1971
19710082583	Computer design of logic circuits	1971
19710082585	High resolution study of the solar X-ray corona from Aerobee rocket 4.285 CS, design and construction of an Aerobee 170 payload and Aerobee 350 interface Quarterly progress report, 10 Jun. - 31 Aug. 1971	1971
19710082586	Comparison of several demand assignment multiple access/modulation techniques for satellite communications	1971
19710082587	Submarine-personnel survival systems - Escape and survival system, Mark 1, model 0 /EASE/ Final report	1971
19710082588	Data systems technician maintenance training requirements for the AN/UYK-7 /5/ computer U Maintenance technician training report, Jul. 1970 - May 1971	1971
19710082589	Initial production test of Troposcatter sets AN/TRC-112 and AN/TRC-121 Final report	1971
19710082590	Evaluation of a bimetallic couple for use on naval combat ships Final report	1971
19710082591	Fault diagnostics for the Poseidon fire control computer	1971
19710082592	Initial production test of theodolite, surveying, directional, type 1 Final report, 3 Nov. 1970 - 12 Mar. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082593	CONSD /Condensed Servicing Data/ - A concept for identifying the faulty removable and replaceable item	1971
19710082594	Semi-automated NDT for jet engine blade inspection Interim technical report, 1 Apr. - 30 Jun. 1971	1971
19710082595	Thermal Skin fabrication technology program Monthly report, 1-31 Aug. 1971	1971
19710082596	Fluorine lubricated bearing technology Monthly report, Aug. 1971	1971
19710082597	Hydrogen-oxygen catalytic ignition and thruster investigation Monthly progress report, 24 Jul. - 20 Aug. 1971	1971
19710082598	Progress report - NGL 05-010-019	1971
19710082599	Progress report, 1 March - 31 August 1971	1971
19710082600	Production engineering measure for high voltage aluminum high-reliability electrolytic capacitors Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710082602	Qualification procedures for hybrid circuits Final report, Jun. 1969 - Jan. 1971	1971
19710082603	Electronically tuned high power network Interim summary report	1971
19710082607	Aeronautical stations, Liberty Airways, military nets test /Coronet Vox/ /U/ Final report, 15 Jan. - 15 Apr. 1971	1971
19710082611	Evaluation of model E-2b aircraft modification program /U/ Final report	1971
19710082613	Side-looking radar /U/	1971
19710082622	A method of calculating the intermodulation products in the NATO phase 2 transponder by means of Fourier series	1971
19710082623	Study of high burnout microwave diodes Annual report	1971
19710082626	Manufacturing technology for materials, designs and fabrication of extrusion dies for hot extruding of steel and titanium structural sections Interim engineering progress report, 1 Apr. - 30 Jun. 1971	1971
19710082628	Safe hybrid propulsion system for an improved AQM-37A target missile /U/ Final report, 17 Jun. 1970 - 28 Feb. 1971	1971
19710082629	Flight tests of an optimal terrain following controller in a high performance aircraft /U/ Technical report, 25 Apr. 1969 - 7 Jul. 1970	1971
19710082632	Test and evaluation of sonobouy location systems for use in VP and VS aircraft /U/ Final report	1971
19710082633	Manufacturing methods and technology measure for 18 mm microchannel plates /U/ Quarterly report, 1 Mar. - 31 May 1971	1971
19710082636	Dynamic load factors encountered in the hypervelocity rocket program /U/	1971
19710082637	Investigation into the causes of noise generation in TR cells Annual report	1971
19710082640	Electromagnetic pulse theoretical notes. Volume 2 - Notes 22 through 48	1971
19710082646	A proposal for the production of interim tactical long range guidance equipment	1971
19710082649	Development of a digital simulation model for sea based air traffic control. Volume 1 - Description	1971
19710082650	AN/ASA-16 operational reliability analysis Final report, Sep. 1970 - Mar. 1971	1971
19710082672	Underwater weapons propulsion /NOS-monopropellants/ /U/ Progress report, 1 Jan. - 31 Mar. 1971	1971
19710082676	PbSe detector array assemblies /U/ Final report, Aug. 1968 - May 1971	1971
19710082677	Synthesis of stable new interhalogen oxidizers /U/ Final report, 3 Feb. 1970 - 2 Apr. 1971	1971
19710082678	CH-47 helicopter system /U/	1971
19710082679	Wind tunnel investigation of a forward located Jet Attitude Control System /JACS/. Volume 2 - Tabulated data /U/ Technical publication, Jun. 1970 - Feb. 1971	1971
19710082696	Effect of thin plasmas on the low-altitude radar cross section of dielectric spheres /U/ Technical report, 15 Nov. 1970 - 1 Mar. 1971	1971
19710082707	A unified metabolism detector for Mars - A new approach developed from research on extraterrestrial life detection by enzymatically induced exchange of O-18 Quarterly status report, 6 May - 5 Aug. 1971	1971
19710082708	Determining and analyzing the strength and impact of high-modulus glass Quarterly status report	1971
19710082709	Analyses of NASA/DOD space applications and transportation system requirements - Effectivity study Monthly progress report, Aug. 1971	1971
19710082710	Spatial nucleation and crystal growth Progress report, 1 Jun. 1970 - 31 May 1971	1971
19710082711	Lunar studies Semiannual status report, 1 Nov. 1970 - 30 Apr. 1971	1971
19710082719	Thermal performance of multilayer insulation Monthly activity report no. 2, 1-3 Aug. 1971	1971
19710082720	Design and development of a bio-isolator suit system /BISS/	1971
19710082721	Space storable explosively actuated valves Monthly progress report, 31 Jul. - 30 Aug. 1971	1971
19710082723	A study to assess the nature and magnitude of economic benefits of advances in meteorology Quarterly status report	1971
19710082724	Theoretical studies of ionic and atomic impact phenomena Progress report, 1 Jul. - 30 Sep. 1971	1971
19710082732	Research on hydrocarbon fuels and related applications Technical report, 1 Dec. 1969 - 30 Nov. 1970	1971
19710082733	In-service evaluation program of boron/epoxy rudder on F-4 aircraft Final report, Jan. 1969 - Sep. 1970	1971
19710082736	A model for use in the study of meteor effects on an HF radar	1971
19710082737	Study of the carbon dioxide spectrum of Mars and Venus Semiannual status report, 1 Jan. - 30 Jun. 1971	1971
19710082738	Far infrared astronomy Semiannual progress report, 1 Nov. 1970 - 1 May 1971	1971
19710082739	Modern methodology of designing target reliability into mechanical components Semiannual status report, 1 Feb. - 31 Jul. 1971	1971
19710082740	Apollo-Saturn test and checkout plan. Volume 2 - Saturn 5 launch vehicle AS-510 flow plan and listing	1971
19710082741	Monthly progress report, period ending 1 April 1967	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082755	Spaceborne vuilleumier cycle cryogenic refrigerator development Final technical report, 13 Apr. 1968 - 1 Mar. 1971	1971
19710082757	Test and evaluation of low loss, closed loop, transfer system for filling aircraft liquid oxygen /lox/ converters Final report	1971
19710082758	Model 209A long life acoustic beacon	1971
19710082759	Status of Mk 88 /Poseidon/ module testing	1971
19710082762	New sea clutter data and a theoretical sea clutter model for use in predicting the performance of AWACS and future radars	1971
19710082763	Effects of nose-mounted spoilers on the damping-in-pitch characteristics of a bomb model at transonic Mach numbers Final report	1971
19710082764	Droplet size characteristics in high-velocity airstreams Final report, 1 Oct. 1970 - 1 Jan. 1971	1971
19710082766	Results of an Air Force advanced tactical rocket development program Final report, 17 Apr. 1970 - 10 Mar. 1971	1971
19710082767	Physiological effects of artificial gaseous environments Semiannual report, 1 Mar. 1971 - 31 Aug. 1971	1971
19710082768	Chemistry of planetary atmospheres and comets Technical status report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710082769	Costing methodology handbook	1971
19710082771	Planning considerations in technical control for digital communications	1971
19710082772	An improved capability for electron beam area definition Final report, 3 Nov. 1969 - 2 Oct. 1970	1971
19710082773	Development of improved alloys for navy ships' propellers. Phase 1 - High-damping alloys	1971
19710082774	Design qualification of BDA digital modules	1971
19710082775	Phase IIIC MK 88 /poseidon/ fire control module qualification testing	1971
19710082776	Radiation hardened silicon power transistors Final report, 18 Oct. 1967 - 12 Mar. 1971	1971
19710082779	Moesaic system. Volume 3 - Model conversion handbook Final report	1971
19710082780	Analytical aircraft landing gear soil interaction. Phase 3 - Rolling single wheel analytical sinkage prediction technique and computer program Interim report, 17 Nov. 1969 - 17 Jun. 1970	1971
19710082781	Montana large aperture seismic array Quarterly technical report, 1 Mar. - 31 May 1971	1971
19710082782	Stress corrosion cracking of titanium alloys Semiannual report, 1 Jan. - 30 Jun. 1971	1971
19710082786	Effect of baffles on combustion instability Monthly progress report, Aug. 1971	1971
19710082800	Powder metallurgy	1971
19710082801	Refractory metals	1971
19710082803	Electromagnetic pulse theoretical notes. Volume 1 - Notes 1 through 21	1971
19710082804	Electromagnetic pulse theoretical notes. Volume 3 - Notes 49 through 62	1971
19710082805	Improvement of interlaminar shear strength in organic matrix composites utilizing plasma deposited coupling agents Quarterly progress report, 1 Apr. - 1 Jul. 1971	1971
19710082812	Production engineering measure solid encapsulated semiconductor devices Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710082821	Distribution of coarse grained construction materials and potential construction sites in the Mekong Delta, South Vietnam, volume 1 Final report	1971
19710082823	Altitude ignition studies Final report, Jul. 1968 - Dec. 1970	1971
19710082826	Aerodynamic characteristics of a space shuttle booster with a delta wing and canard /M equals 0.6 to 2.0/, March 1971 tests	1971
19710082828	Design, fabrication, development and test of a satellite video recorder/reproducer Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710082829	X-ray astronomy Quarterly report, 1 May - 31 Jul. 1971	1971
19710082830	Boron arsenide and boron phosphide for high temperature and luminescent devices Quarterly status report, 1 Jul. - 30 Sep. 1971	1971
19710082831	Study of multilayered insulation pipe penetration Quarterly progress report, 22 Jun. - 21 Sep. 1971	1971
19710082832	Large variable conductance heat pipe Monthly progress report	1971
19710082834	Research program for development of tungsten coated uranium dioxide particle cermets and high performance thermionic converters with preferred electrode surfaces Monthly progress report, 28 Jun. - 27 Jul. 1967	1971
19710082836	Development of a digital simulation model for sea based air traffic control. Volume 2 - Users manual	1971
19710082851	Transfer of information on naval vessels via fiber optics transmission lines Research report, Jul. 1970 - Jan. 1971	1971
19710082852	Paralleling design verification, Leland CSV1152-2 regulator Final report, Aug. 1970 - Jun. 1971	1971
19710082854	Camera, still picture, type KC-4B, serial no. 69-1002 operations and maintenance manual	1971
19710082855	Testing of the SAMSO space experiments support program flight 71-2 cooler Final report	1971
19710082856	Sferics-radar data converter system instruction manual Final report, 10 Oct. 1970 - 28 Feb. 1971	1971
19710082857	Hypersonic stability and control characteristics of a straight-wing space shuttle orbiter	1971
19710082858	Calculations of the effect of blowing from the leading edges of a slender delta wing	1971
19710082859	Plane turbulent jet flow in a favourable pressure gradient	1971
19710082863	A comparison of two computer-generated alphanumeric fonts	1971
19710082865	Impulse-noise levels at the weapon ranges of the Canadian forces proof and experimental test establishment Nicolet	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082874	Time domain electromagnetic scattering from highly conducting objects Final report, 1 Jan. 1970 - 30 Apr. 1971	1971
19710082878	Self evacuating multilayer insulation for space shuttle vehicles Monthly progress report, 1-31 Aug. 1971	1971
19710082879	Investigations into the mechanism and rates of atmospheric mixing in the lower thermosphere Semiannual status report	1971
19710082881	Some factors relevant to the simulation of full-scale flows in model tests and to the specification of new high Reynolds-number transonic tunnels	1971
19710082884	Quarterly technical summary report, April - June 1971	1971
19710082885	Comparison of teleseismic signals using a vertical pendulum and strain system at HNME	1971
19710082886	SEV feasibility study - RAT/SCAT radar backscatter and cross section measurements of snow and ice Final report	1971
19710082890	Discrete Hilbert transform filters	1971
19710082892	Neodymium aprotic liquid laser Final technical report, 16 Feb. 1970 - 16 Mar. 1971	1971
19710082896	Modular electronic data processor	1971
19710082899	On the reliability of logical circuits and systems	1971
19710082900	Continuous gradient ray-tracing system /Congrats/. 3 - Boundary and volume reverberation	1971
19710082901	Galvanic apparatus for the study of gases. 2 - Continuous determination of small amounts of chlorine gases	1971
19710082902	Aerodynamic characteristics of several bluff bodies of revolution at Mach numbers from 0.6 to 1.5 Final report, 3 Nov. 1970 - 5 Apr. 1971	1971
19710082904	Fast Flux Test Facility Monthly progress report, Apr. 1971	1971
19710082905	DOD Impact on Shuttle System Design Study	1971
19710082908	Fast Flux Test Facility Monthly progress report, May 1971	1971
19710082918	Study of the information management aspects of integrated avionics Final report, Jul. 1968 - Jul. 1969	1971
19710082919	On array logic and phase-shifter driver Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710082922	High speed morse telegraph terminal Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710082923	A rigid body formulation of the general motion of a variable mass, rigid shell missile	1971
19710082925	Photographic exposure meters Final technical report	1971
19710082927	Ammonium nitrate fuel oil trials carried out at DRES. Part 1 - Overall program and CANADIAN airblast measurements	1971
19710082928	Evaluation of polycarbonate dielectric capacitors for use in the Shrike missile system Final report	1971
19710082930	Production engineering measure. Solid encapsulated semiconductor devices Quarterly progress report, 1 Oct. 1970 - 1 Jan. 1971	1971
19710082931	Production engineering measure for low radiant power infrared sources Quarterly progress report, 25 Sep. - 31 Dec. 1970	1971
19710082932	Wind shear and the WSEG fallout model	1971
19710082933	Erbium doped laser devices Quarterly report, 1 Feb. - 30 Apr. 1971	1971
19710082934	A literature survey - Properties of fibrous materials as related to high energy absorbing recovery parachute cords	1971
19710082935	The use of small size aluminum wires in aircraft electrical systems Final report	1971
19710082936	Surveillance of Terrier gas generators MK 9 and MK 10 and the igniter MK 262	1971
19710082937	Tropic service test of OH-58A helicopter system Final report, Jul. - Dec. 1970	1971
19710082939	Data link, helicopter supported radar Final technical report	1971
19710082940	Design and substantiation of an increased service life main rotor hub for the H-2 helicopter Final report	1971
19710082941	A study to determine the feasibility and design modifications to a rubber sonar window to accommodate a larger AN/SQS-26CX transducer element array sequence J001AE Final report	1971
19710082942	Qualification tests of one lead-acid aircraft battery, manufactured by Dagenite, division of Electric Power Storage Limited, England Final report	1971
19710082943	LSI correlator Quarterly report, 1 Mar. - 31 May 1971	1971
19710082944	Surveillance of the Talos hot gas igniter	1971
19710082945	TF34-GE-2 engine electrical connector flameproof test	1971
19710082946	Field on-line data acquisition and analysis system. Concept evaluation and system specifications. Volume 1 Final technical report, 1 May 1969 - 1 Mar. 1970	1971
19710082947	Review of comments on the proposed MIL-STD-449D Final report	1971
19710082948	Study of a low energy spread electron gun Final report	1971
19710082951	Radiation hardened junction field effect transistors	1971
19710082952	Test and evaluation of the universal shipboard radarscope recorder Final report	1971
19710082959	Pressure test of Aquascan deep submergence housing Final technical report	1971
19710082975	Production engineering measure for 25mm flexible fiber optic rope Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710082976	A FORTRAN program for computing the active admittance of rectangular waveguide phased arrays Final report	1971
19710082977	Design verification test of Applied Electronics Corporation 1.5 KVA autotransformer Final report, Mar. - May 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710082978	Study to improve specific physical and optical properties of laser protective plastic film Final technical report, 12 May 1970 - 14 Jun. 1971	1971
19710082979	The 11601 Lance, missile no. 5142, round no. 114 RPL /24 May 1971/	1971
19710082981	Flight test evaluation and calibration of AIMS airborne ATCRBS equipment for the A-6A airplane Interim report, 30 Mar. - 8 Apr. 1971	1971
19710082986	The development of paint removers for aliphatic polyurethane paint films	1971
19710082987	Development of field changes for pulse generator SG-841/XN-1//UPX Final report	1971
19710082988	Translations on French nuclear, missile, space, and related military developments, no. 288	1971
19710082989	Development evaluation of the tactical fighter attack flare Final report, 6 Apr. 1970 - 10 May 1971	1971
19710082990	General evaluations of the model TA-4K and A-4K airplanes	1971
19710082991	Multimode flight control definition study for precision weapon delivery Final technical report, 2 Feb. 1970 - 1 Feb. 1971	1971
19710082992	An integrated digital processor for cross- correlation signal processing applications	1971
19710082996	Improvement of titanium alloy ingot consolidation Interim technical report, Mar. - Jun. 1971	1971
19710082999	Automatic measurement and evaluation of the local intensity distribution of solar simulators	1971
19710083001	Parametric investigation of the radiative emission from a short-arc in xenon Final report	1971
19710083002	Quantum electronics in Japan	1971
19710083003	Refractivity measurements related to a minimum troposphere range error Interim report	1971
19710083004	Malfunction data and vulnerable areas for a small general-purpose relay, a klystron oscillator, and a receiver group	1971
19710083005	Improvement of titanium alloy ingots by solidification control Interim technical report, Mar. - Jun. 1971	1971
19710083006	Isothermal forging of reliable structural forgings Interim technical report, 1 Mar. - 31 May 1971	1971
19710083007	Production engineering measure for solid-state microwave acoustic delay lines Quarterly progress report, 20 Jan. - 20 Apr. 1971	1971
19710083009	Description of DP-2E aircraft modification configured to launch, track and control BQM-34A or BQM-34E target aircraft Final report	1971
19710083011	Evaluation of magnetic shield can system manufactured by Electro-Mechanics Company, EMCO	1971
19710083012	The 11602 Lance, missile no. 5123, round no. 117 RST /9 June 1971/ Meteorological data report	1971
19710083013	The 30,000-rpm vane-pump demonstration Interim technical report, 1 Apr. - 30 Jun. 1971	1971
19710083014	SAMECS structural analysis system peripheral programs users document	1971
19710083015	Technical instructions for upkeep of optical equipment - General directions concerning the maintenance of optical equipment in good repair /first and second echelons/	1971
19710083016	Conic model CTS-4 FM telemetry transmitter spectrum utilization characteristics	1971
19710083017	Representation and analysis of sonar signals. Volume 1 - Improvements in the complex exponential signal analysis computational algorithm Annual report, 17 Mar. 1969 - 31 Mar. 1970	1971
19710083018	Computer assisted instruction for NIPS /Cainips/ - System description Computer system manual	1971
19710083019	ARPA arctic surface effects vehicle program Annual technical report, 27 Jul. 1970 - 30 Jun. 1971	1971
19710083020	Aerial camera test procedures Final report	1971
19710083021	Theoretical gun propellant thermochemical evaluation Final report, Feb. 1970 - Jan. 1971	1971
19710083024	Development of improved references and calibration procedures for equipment used in the ultrasonic inspection of CuNi, tubing Final report	1971
19710083025	Project Theo report, 1 July 1969 - 31 December 1970	1971
19710083026	Comparative study of argon and ruby retinal damage thresholds	1971
19710083027	Design of a 4-bit X-band phase shifter Interim report	1971
19710083036	Energy losses of electrons in metals in the different states of aggregation. Measurements on silver and mercury	1971
19710083038	Investigation of Circuit Technology Incorporated hybrid microcircuits	1971
19710083039	Semiconductor metallization studies	1971
19710083040	Pressure regulator /GNE/ used in LOX blanket pressure panel, Marotta P/N 230344-6000. Flow restriction	1971
19710083041	Development of a parachute dryer for shipboard application Final report	1971
19710083042	The first electronic indicator	1971
19710083044	Air pollution engineering study no. 21-14-68/71 evaluation of ABM systems power plants	1971
19710083045	Translations on French nuclear, missile, space and related military developments, no. 289	1971
19710083046	Some observations of airflow about a VTOL aviation ship model	1971
19710083051	Evaluation of repair procedure for J52-8 first stage nozzle guide vanes Final report	1971
19710083055	Measurements and theoretical computation of ignition delay in hydrogen air mixtures at subatmospheric pressures and temperatures around 1000 K	1971
19710083056	Computer based information systems for documentation	1971
19710083057	Meteorological observations in Canada, 19 January 1971 Monthly record	1971
19710083058	Investigation of fundamental factors of the mechanism of recirculation of 1 to 6 jet power configurations	1971
19710083060	Tunable electrically small antennas for 30-100 MHz operation	1971
19710083061	LMSC/SV monthly progress report	1971
19710083065	Advanced production engineering for lithium niobate crystals for laser Q-switch Quarterly report, Feb. - Apr. 1971	1971
19710083066	Separation characteristics of the SUU-51/B from the F-4C aircraft Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083068	Inconspicuous dual antenna system Final report, 24 Mar. 1969 - 28 May 1970	1971
19710083069	Experimental studies on a 13-element interdigital array antenna	1971
19710083077	Field on-line data acquisition and analysis system. Concept evaluation and system specifications. Volume 2 Final report, 1 May 1969 - 1 Mar. 1970	1971
19710083087	DOD impact on shuttle system design study. Volume 6 - Shuttle/payload/OOS interfaces Final report, Nov. 1970 - Jun. 1971	1971
19710083088	DOD impact on shuttle system design study. Volume 7 - Support systems definition and design Final report, Nov. 1970 - Jun. 1971	1971
19710083089	DOD impact on shuttle system design study. Volume 8 - Economic and planning analysis Final report, 16 Nov. 1970 - 30 Jun. 1971	1971
19710083096	The evaluation of ten twenty glass /Triplex Safety Glass Company Limited/	1971
19710083097	Theoretical use of variable porosity in slotted tunnels for minimizing wall interference on dynamic measurements	1971
19710083099	Certification of automatic carrier landing system aboard USS Forrestal /CVA-59/ for mode 1A operation Final report, Oct. - Nov. 1970	1971
19710083101	Infrared parametric upconverter study Interim progress report, 12 May 1967 - 12 Feb. 1971	1971
19710083115	The 1971 NASA-ASEE summer faculty fellowship research program Final report	1971
19710083147	Calibration of linear motion potentiometer displacement measurements using PC24 RTB signal conditioners and associated power suppliers	1971
19710083148	Calibration procedure for germanium temperature sensors	1971
19710083149	Functional checks of temperature transducer systems	1971
19710083153	Athena H AVE stress analysis. Volume 3. Addendum D - APSA payload peculiar hardware for vehicle V-131-D	1971
19710083166	Joint Air Base Utilization plan /JABUA/	1971
19710083168	A total-system approach for ship antenna arrangement Research and development report, Jul. 1970 - May 1971	1971
19710083169	Soniscan bulk store memory for advanced avionic digital computer Final report	1971
19710083170	An investigation of electronic applications of the rare earth chalcogenides Semiannual report, Nov. 1970 - May 1971	1971
19710083174	Research on multibeam cold cathode display tubes Final report	1971
19710083175	A controlled oscillator with linear frequency deviation	1971
19710083178	Improved precision in dielectric-loss measurement	1971
19710083179	High efficiency Gunn oscillators Final report	1971
19710083180	Improved Gunn effect oscillators Final report	1971
19710083181	Monthly bulletin - Canadian upper air data, January 1971	1971
19710083226	The 1971 ASEE-NASA summer faculty fellowship program Final report	1971
19710083227	Two kilowatt long life battery	1971
19710083230	Hydrodynamic design procedure for a dynaplane boat	1971
19710083231	High speed integrated circuits Final report, 2 Dec. 1968 - 2 May 1970	1971
19710083232	Anomalous blast wave propagation from a large yield TNT explosion /event dial pack/	1971
19710083236	Communications receiver interference modeling	1971
19710083237	Operations Division Progress report, 1 Jan. - 31 Mar. 1971	1971
19710083238	Health and Safety Division Progress report, 1 Jan. - 31 Mar. 1971	1971
19710083240	Applied Physics Division Progress report, 1 Jan. - 31 Mar. 1971	1971
19710083244	Special purpose digital computer operating on the principle of linear-circular interpolation, intended for continuous program control of milling machines	1971
19710083245	Preliminary investigation of a jet flame primer for small caliber ammunition /new concept/	1971
19710083246	EMC analysis of 407 L TACS IFF in West Germany	1971
19710083247	Shipboard electromagnetic compatibility analysis /SEMCA 4/. Volume 9 B - Programmer's reference manual Final report, May 1970 - May 1971	1971
19710083249	Hydrocarbon fueled scramjet. Volume 9 - combustor design procedures Final report, 1 Nov. - 15 May 1971	1971
19710083250	Service test of power supply PP-6224/U Final report, Jan. - Apr. 1971	1971
19710083253	ES-85A film processing system Final report	1971
19710083256	ASEE, Case Western Reserve, NASA Lewis - Summer faculty fellowships, 1971 program Final report	1971
19710083257	Operational test and evaluation of DBM-2A gunsight camera Final report, 2 Nov. 1970 - 15 Jan. 1971	1971
19710083263	Initial production test of communications patching panel SB-675A/MS Final report	1971
19710083264	Engineering test of rocket, compensating, tip-off for the OV-1 Mohawk escape system Final report, 15 Sep. 1970 - 4 May 1971	1971
19710083265	Production engineering measure for a broadband, 225-400 MHz, 25 W power transistor Quarterly report, 15 Jan. - 15 Apr. 1971	1971
19710083266	Initial production test of searchlight infrared, 28 volt, 50 ampere, AN/VSS-3 Special letter report, 22 Mar. - 3 Jun. 1971	1971
19710083271	Non-destructive testing and measuring methods for concrete and reinforced concrete in Leipzig, April 1969	1971
19710083272	Application of electronic computers /selected articles/	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083273	Strain rate control in tensile testing	1971
19710083274	ABEP-2, a test for thin magnetic film memory elements	1971
19710083275	Zinc dialkyl-dithio-phosphates as corrosion and oxidation inhibitors in lubricants	1971
19710083277	Information /collection of pamphlets/	1971
19710083278	Experimental study of the ablation of Orthostrasil T composite material in a free-flight wind tunnel	1971
19710083279	Bonding and adhesives Progress report, 1 Jan. - 31 Mar. 1971	1971
19710083280	Aircrew protective headgear study program Final technical report, 26 Jun. 1970 - 29 Jun. 1971	1971
19710083282	Estimated airloads and moments on the model RMK-23/A37U-31 launcher-reeling machine with and without a TDU-22 series tow target installed on A-4 aircraft Final report	1971
19710083289	Redesign of silicon controlled rectifiers dynamic life testing circuitry to provide 10,000 amperes nonrecurrent peak surge current and 2,600 volts nonrepetitive peak reverse voltage	1971
19710083293	A 10 MHz decimal counter with logic gates	1971
19710083298	France - Nuclear, missile, and space developments, no. 290	1971
19710083299	Monolithic catalyst beds for hydrazine reactors - Follow-on contract Monthly status letter, 1-30 Sep. 1971	1971
19710083300	Study of deep flaws in weldments of aluminum and titanium Quarterly progress report, 1 Jul. - 30 Sep. 1971	1971
19710083301	Two-phase oxygen inducers Monthly progress report, Sep. 1971	1971
19710083310	Production engineering measure for digital electronic fuze timer XM587E2 Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710083312	Experimental investigation of combustor effects on rocket thrust chamber performance Monthly status report, period ending 1 Oct. 1971	1971
19710083314	Space LOX vent system Quarterly progress report, 29 Jun. - 29 Sep. 1971	1971
19710083318	Regeneratively cooled rocket engine for space storable propellants Monthly status report, period ending 1 Oct. 1971	1971
19710083320	Evaluation of dynamic instrumentation for turbulence measurements at a turbine engine inlet Final report, 8 Dec. 1969 - 26 Jun. 1970	1971
19710083321	Functional checks of strain transducer systems	1971
19710083322	Study of structural active cooling and heat sink systems for space shuttle Quarterly progress report, 28 Jun. - 28 Sep. 1971	1971
19710083323	Study of X-ray and neutron emissions from a noncylindrical focusing discharge	1971
19710083324	Development of techniques and associated instrumentation for high temperature emissivity measurements Quarterly progress report, 29 Jun. - 28 Sep. 1971	1971
19710083325	Study of low cost launch vehicle families for automated missions Technical progress report, Sep. 1971	1971
19710083333	Squeeze-film bearing accelerometer development Final report, 1 May 1970 - 1 Jun. 1971	1971
19710083335	Master group multiplexer Quarterly report, 1 Feb. - 31 Apr. 1971	1971
19710083336	Nondestructive testing of coalescer elements on a continuous basis using liquid crystals Final report	1971
19710083337	Suppression of combustion oscillations with mechanical damping devices Monthly progress report, 1-30 Sep. 1971	1971
19710083338	Internal insulation system development Quarterly technical progress report and schedule, 28 Jun. - 26 Sep. 1971	1971
19710083341	Application of welding TTT /time, temperature, transition/ diagrams to St 45/60 C steel	1971
19710083342	Advanced development test of a free-fall sensor under flight conditions Final report, 24 Sep. 1969 - 24 May 1971	1971
19710083343	Torpedo Mark 48 two-state setting circuit. Tests on board USS Trigger SS-564 Preliminary report, Mar. 1971	1971
19710083344	Modeling of logical schemes on a digital computer	1971
19710083345	Category 2 test of the A/E 24U-8 power plant Final report, 6 Oct. 1969 - 1 Mar. 1971	1971
19710083346	Investigation of cryogenic rupture disc design Monthly progress report, 29 Aug. - 26 Sep. 1971	1971
19710083347	Evaluation of absorption cycle for space station environmental control system applications Quarterly progress report, 28 Jun. - 27 Sep. 1971	1971
19710083348	Noncontacting device to indicate deflection of turbopump internal rotating parts Monthly progress summary, Sep. 1971	1971
19710083349	Particle velocity measurements from a 100 ton TNT detonation on granite Final report	1971
19710083351	A location study of central Alaskan earthquakes	1971
19710083352	Lateral axis control display requirements	1971
19710083353	The shock-gel process for the manufacture of gun propellants Final report, 26 Jun. 1970 - 26 Jun. 1971	1971
19710083354	Differential game of interception	1971
19710083356	Test of PWU-5/A modular internal spray system installed in C-123K aircraft Final report	1971
19710083361	Circadian rhythms of pilots' performance in a flight-simulator	1971
19710083362	Ionospheric research Semiannual status report, 1 Oct. 1970 - 31 Mar. 1971	1971
19710083363	Experimental and theoretical investigation of plasma radiation Semiannual status report, Feb. - Aug. 1971	1971
19710083364	The generator for an installation that evaluates ferrites for core memories	1971
19710083366	Semiannual and annual report 1971	1971
19710083367	Design and development of diborane shipping container Quarterly letter, 7 May - 6 Aug. 1971	1971
19710083368	Fluid physics Status report, 1 Jun. 1970 - 31 May 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083369	Research on noise generation from large fan engines Quarterly report, 1 Jun. - 15 Sep. 1971	1971
19710083370	Control power requirements of VTOL aircraft Quarterly status report, 1 Apr. - 30 Jun. 1971	1971
19710083371	Empirical evaluation of pump inlet compliance Monthly status report, 30 Aug. - 29 Sep. 1971	1971
19710083374	A transportable low frequency communications system	1971
19710083375	Development of a model of machine hand-eye coordination and program specifications for a topological machine vision model - Logical development of a choreographic vision model Quarterly report	1971
19710083379	Space storable explosively actuated valves Pyronetics model 1356 Monthly progress report, 31 Jul. - 30 Aug. 1971	1971
19710083380	A program to investigate, characterize and describe meteorites in the collections of Arizona State University Semiannual status report, 1 Mar. - 31 Aug. 1971	1971
19710083381	Intermetallic compounds of extreme stability Quarterly progress report, 15 May - 15 Sep. 1971	1971
19710083386	Supersonic jet exhaust noise Monthly progress report, 26 Aug. - 26 Sep. 1971	1971
19710083387	Impact sensitivity of explosives Final report, 18 Dec. 1967 - Jul. 1971	1971
19710083388	Production engineering measure for sealed beam xenon lamps Quarterly report, Dec. 1970 - Feb. 1971	1971
19710083389	Production engineering measures for hybrid circuit solid state front end Quarterly progress report, 29 Sep. - 29 Dec. 1970	1971
19710083391	Certification of automatic carrier landing system aboard USS Enterprise /CVAN-65/ for Mode 1 operation Final report	1971
19710083392	RADC advanced real time exploitation system Final technical report, 29 Jun. 1970 - 31 Mar. 1971	1971
19710083393	An integrated monolithic level shifter for high voltage applications	1971
19710083402	Investigations and conduct of rolling vertical take-off and landings with the VJ 101C-X2 operating afterburners	1971
19710083407	Space storable explosively actuated valves, Pyronetics model 1356 Monthly progress report, 31 Aug. - 29 Sep. 1971	1971
19710083408	Composite tanks with load sharing liners Quarterly technical progress narrative no. 1, 1 Jul. - 30 Sep. 1971	1971
19710083409	Investigation of a quadrupole ultrahigh vacuum ion pump Semiannual progress report, 1 Feb. - 31 Jul. 1971	1971
19710083410	Liquid hydrogen turbopump rapid start program Quarterly progress report	1971
19710083411	AS-510 facilities and environmental measurements program	1971
19710083417	The effect of material and production defects on the life of roller bearings	1971
19710083418	Procedures for relining bearing with polytetrafluoroethylene /Teflon/ fabric Final report	1971
19710083419	Flight testing of synthetic hydrocarbon hydraulic fluid - Compatibility study	1971
19710083420	Effect of a model forest on the size distribution of fog droplets	1971
19710083421	Initial production test of welding machine, ac/dc transformer-rectifier, constant current, 300 amperes Final report, 11 Jan. - 24 May 1971	1971
19710083422	Design approaches for HF broadband, 4-12 MHz antenna on two-masted combat ships Research and development report, Jul. 1970 - Jun. 1971	1971
19710083423	IL-62 airplane	1971
19710083424	Data transmission in Poland	1971
19710083425	Manufacturing methods for roll diffusion bonded stiffened skin structure Interim progress report, 1 Feb. - 1 May 1971	1971
19710083426	Application of an image classification model to the reconnaissance problem	1971
19710083427	Test and evaluation of the Fairchild, model F-513, 70mm viewer/printer portable Final technical report	1971
19710083428	Influence of impurities and dislocations on the order-disorder transition in hexagonal ice	1971
19710083429	Air defense analysis	1971
19710083430	The effect of a magnetic field on a rotating cone in compressible flow	1971
19710083431	Expansion of a high temperature plasma in a vacuum	1971
19710083432	The pressure on the vibrating surface of a wing in supersonic flow - The second approximation	1971
19710083440	Preliminary survey of mobile electric power sources for application to rapid warning system	1971
19710083443	Development of S-band dematron amplifier Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710083444	Separation characteristics of the LAU-68A/A rocket launcher from the F-4C and F-4E aircraft at Mach numbers from 0.37 to 0.90 Final report	1971
19710083448	Conference on Prevention of Microbiological Deterioration of Military Materiel	1971
19710083454	Reusable nuclear stage advanced structures study Monthly progress letter report, 26 Aug. - 25 Sep. 1971	1971
19710083468	Design principles of a ground effect vehicle at which the limitations of volume dissipations is done with the help of a fluid boundary obtained through the Coanda effect	1971
19710083469	Introduction to the technology holography	1971
19710083471	Boron horizontal tail flight test qualification program	1971
19710083472	The number of passages of a speech signal through a given voltage level	1971
19710083473	Optical and electronic techniques for sonar signal processing	1971
19710083474	Sapphire filaments Technical report, 1 Jan. - 31 Dec. 1969	1971
19710083475	Fiber-reinforced metals	1971
19710083481	Shuttle APS propellant thermal conditioner study Monthly progress report, Aug. 1971	1971
19710083482	Shuttle APS propellant thermal conditioner study Monthly progress report	1971
19710083483	Earth resources-satellite bandwidth requirements summary	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083499	Systems engineering methodology Monthly technical progress report, Sep. 1971	1971
19710083500	Manned Space Flight Network Study Program April-June 1971 Quarterly Progress Report,	1971
19710083501	Trends in the development and production of metal-working oils and additives	1971
19710083503	Application of wear coatings to gun barrels Interim technical report, 16 Feb. - 15 Jun. 1971	1971
19710083506	DOD Mission Impact on Space Shuttle System. Volume 6 - Shuttle/Payload/OOS Interface Final Report, 3 Nov. 1970 - 30 Jun. 1971	1971
19710083514	Aerodynamic analysis of the ramjet cycle	1971
19710083520	Electrostatic sheath phenomena in thermionic converters Final report, Nov. 1969 - Nov. 1970	1971
19710083521	Development of evaluation equipment 400-MHz receiver. Instruction manual for developmental model	1971
19710083528	Melting behavior and phase relations in the lunar interior Progress report	1971
19710083532	Earth Resources Research Data Facility index. Volume 1 - Documentary data	1971
19710083533	Earth Resources Research Data Facility index. Volume 2 - Sensor data	1971
19710083558	Development of a 25-50 Watt high efficiency, X-band, traveling-wave tube Quarterly report, Feb. - Apr. 1971	1971
19710083568	A program for computation of fundamental and first overtone band radiation from diatomic molecules and fundamental and summation band radiation from CO2	1971
19710083573	Value engineering task force report. MK-13 MOD 0 initiator consisting of MK-343 Mod 0 fuze, MK-273 MOD 1 igniter	1971
19710083574	Raytheon low cost air-to-surface missile ASM midcourse guidance platform Final report, 17 Apr. - 17 Dec. 1970	1971
19710083575	Athena As-04, flight 128 /3 June 1971/	1971
19710083576	Atmospheric structure, White Sands Missile Range, New Mexico. Part 3 - Upper air data - Apache site	1971
19710083577	Manufacture of high strength TD nickel chromium turbine Interim engineering progress report, 1 Aug. 1969 - 1 May 1971	1971
19710083578	Lightweight low cost two-degree-of-freedom gyroscope Final technical report, 17 Dec. 1969 - 17 Dec. 1970	1971
19710083579	Status report, 1 May - 31 July 1971	1971
19710083580	Radar techniques program, division 6 Quarterly technical summary report, 1 Feb. - 30 Apr. 1971	1971
19710083581	Characterization and use of shear stress strain relations for airfield subgrade and base course materials Technical report, 1 Jun. 1970 - 1 Jun. 1971	1971
19710083582	Conductive and radiative end-wall heat transfer behind reflective shock waves in air and nitrogen Quarterly progress report	1971
19710083583	Development of high temperature materials for solid propellant rocket nozzle applications Quarterly progress report, 1 Jul. - 30 Sep. 1971	1971
19710083584	Letter progress report for the period 1 August - 1 September 1971	1971
19710083587	LF to VHF shipboard direction finding research Final report, 8 Jun. 1970 - 8 Jun. 1971	1971
19710083588	Activation analysis for selected elements in micrometeorites - Impurity levels in pure quartz tubing Annual progress report, 1 Jul. 1970 - 30 Jun. 1971	1971
19710083589	Progress report, September 1971	1971
19710083590	Extended array evaluation program Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710083591	Review of recent developments. Mechanical properties of metals	1971
19710083593	Computation of multiple event probabilities	1971
19710083594	CW YAG laser techniques Semiannual technical report, 15 Jul. 1970 - 15 Feb. 1971	1971
19710083598	Quarterly status report, 1 June - 1 Sep. 1971	1971
19710083600	Theoretical analysis of airfield pavement structures Technical report, 7 Oct. 1969 - 30 Aug. 1970	1971
19710083601	Chantilever beam /tab/ gage development	1971
19710083602	Development of high temperature materials for solid propellant rocket nozzle applications Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710083603	GG1013AB01 gas bearing tactical missile gyro Final report, 15 Mar. - 25 May 1971	1971
19710083604	Evaluation of modifications designed to increase cap screw durability in the Sundstrand 30 AG003 constant speed drive Final report, Nov. 1970 - May 1971	1971
19710083605	Engineering test of Sheridan vehicle turret electrical fault tester Final report, 23 Mar. 1970 - 23 Apr. 1971	1971
19710083606	Evaluation of materials for removing organic protective films from small parts, part 2	1971
19710083608	Atmospheric thermal effects induced by short pulses from a high-power CO2 gas laser Technical report, Jul. 1970 - Feb. 1971	1971
19710083643	Space shuttle RCS mass flow controller Progress report, 1-31 Aug. 1971	1971
19710083658	Elemental abundances in meteoritic and terrestrial matter Annual progress report, 1 Sep. 1970 - 31 Aug. 1971	1971
19710083667	Advanced techniques for determining long term compatibility of materials with propellants Monthly letter report	1971
19710083672	Research on turbojet combustor pollutant formation Quarterly progress report, 19 Jul. - 15 Oct. 1971	1971
19710083673	Composite lines for space shuttle vehicle Progress reports, 17 Jun. - 26 Sep. 1971	1971
19710083674	Quarterly progress report, 1 July - 30 September 1971	1971
19710083675	NASA, Ames Research Center, Stanford University cooperative program in numerical fluid mechanics Annual progress report, 15 Nov. 1969 - 14 Nov. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083676	Space shuttle auxiliary propulsion system design study Progress report, 1 Aug. - 1 Sep. 1971	1971
19710083677	Radioactive nondestructive test method Monthly letter report	1971
19710083685	UHF filter research Final report, 1 Jul. 1969 - 30 Mar. 1971	1971
19710083686	Metal insulator semiconductor transistor for use as a nonvolatile read-write memory element Final technical report, 2 Feb. 1970 - 2 Feb. 1971	1971
19710083763	Preliminary information on the 3rd semi-annual progress report to the National Aeronautics and Space Administration	1971
19710083764	The determination and investigation of basic combustion phenomena related to aircraft engine-emitted pollutants Semiannual status report	1971
19710083766	Fourth quarterly report, 1 June - 31 August 1971	1971
19710083772	Physiological evaluation of underwear types worn with a ventilated wet suit coverall under different environmental conditions Interim report	1971
19710083773	Evaluation of propellant binders Progress report, 1 Jan. - 31 Mar. 1970	1971
19710083776	Investigation of boundary layer transition Progress report, 1 Jul. - 30 Sep. 1971	1971
19710083777	Space shuttle Attitude Control System /ACS/ thruster penetration heating Monthly letter report for Sep. 1971	1971
19710083793	Contamination avoidance devices for poppet type shutoff valves Monthly report, 1-31 Sep. 1971	1971
19710083798	Reusable space shuttle vehicle thermal protection Monthly progress report, 30 Aug. - 30 Sep. 1971	1971
19710083799	Payload effects analysis study no. 2 Monthly progress report no. 2	1971
19710083800	Payload effects analysis study no. 2 Monthly progress report no. 1	1971
19710083840	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation systems Monthly progress report, 1-30 Sep. 1971	1971
19710083842	Criteria for ship mf transmitting antenna systems	1971
19710083843	Development of evaluation equipment 400 MHz receiver Final report	1971
19710083844	Trade off data for instrument flight. Main report and appendix A Final report, Sep. 1968 - Aug. 1970	1971
19710083847	Characteristics of a gelled liquid hydrogen polyphenylene oxide /PPO/ foam open-cell insulation system Monthly progress report, 11 Sep. - 11 Oct. 1971	1971
19710083848	Study of optical properties of X-ray sources	1971
19710083849	Effect of environment on insulation materials Monthly technical progress report, 1-30 Sep. 1971	1971
19710083850	Cycle testing of graphite filament-wound pressure vessels Monthly progress report, 26 Sep. - 25 Oct. 1971	1971
19710083852	Analytical design studies of in-reactor tests of a nuclear light bulb unit cell	1971
19710083853	Thermal Skin fabrication technology program Monthly report, 1-30 Sep. 1971	1971
19710083860	Study of air pollutant signatures for remote sensing Progress report, 1 Jul. 1970 - 30 Jun. 1971	1971
19710083864	Separation characteristics of the SUU-51 laser-guided dispenser munition from the F-4C aircraft Final report	1971
19710083865	Advice to HUNOR users	1971
19710083866	Solid state aircraft electrical power transmission system, volume 1 Final report, 1 Dec. 1967 - 30 Jul. 1971	1971
19710083867	Chemiluminescent materials Final technical report, 21 Apr. 1967 - 3 Mar. 1970	1971
19710083868	Test of the improved lightweight TDU-9/B tow target Final report, 30 Nov. 1967 - 24 Feb. 1971	1971
19710083873	Review of recent developments. Nickel and cobalt base alloys	1971
19710083876	Establishment of manufacturing techniques for back tension drawing of titanium Interim engineering report, 1 Dec. 1969 - 31 May 1971	1971
19710083877	Manufacturing methods for production of hollow ball bearings for use in gas turbine engines Interim technical report, 1 Apr. - 30 Jun. 1971	1971
19710083878	Handbook for training systems evaluation Final report, Jun. 1966 - Jul. 1969	1971
19710083879	Manufacturing methods for ion implantation Interim report, 1 Apr. - 30 Jun. 1971	1971
19710083880	Manufacturing methods for high strength. high modulus glass fiber interim technical report, apr. - jun. 1971	1971
19710083882	Review of recent developments. Liquid metals	1971
19710083883	Air augmented combustion of boron and boron metal alloys Final report, 15 May 1970 - 15 Jun. 1971	1971
19710083910	Methanol water pump package for ATM P/N 580745 Test and maintenance report	1971
19710083915	Fiberglass supports for cryogenic tanks Monthly activity report no. 28, 1-31 Aug. 1971	1971
19710083916	Study of cavitating inducer instabilities Quarterly report, 1 Jul. - 30 Sep. 1971	1971
19710083933	High purity silicon manufacturing facility Final technical report, 1 Jul. 1969 - 31 Mar. 1971	1971
19710083934	Evaluation of propellant binders Progress report, 1 Oct. - 31 Dec. 1970	1971
19710083937	The evaluation of unique sources of acoustic energy for utilization in the detection of nuclear reactors at deep ocean depths Quarterly progress report	1971
19710083938	Development of unique wet tantalum slug, tantalum cased capacitor Quarterly report, 2 Jul. - 30 Sep. 1971	1971
19710083939	Effect of baffles on combustion instability Monthly progress report, Sep. 1971	1971
19710083940	Solid state aircraft electrical power transmission system, volume 2 Final report, 1 Dec. 1967 - 30 Jul. 1971	1971
19710083941	Status report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710083942	Thermal design of composite material high temperature attachments Monthly progress report, 6 Sep. - 6 Oct. 1971	1971
19710083943	Weightless analog study of particle deposition in the human lung Progress report	1971
19710083944	Composite reinforced propellant tanks Monthly technical progress narrative, 2 Sep. - 2 Oct. 1971	1971
19710083945	Galactic and extragalactic infrared line emission Semiannual status report, 1 Apr. - 30 Sep. 1971	1971
19710083946	The evaluation of unique sources of acoustic energy for utilization in the detection of nuclear reactors at deep ocean depths Quarterly progress report	1971
19710083951	Metal tank fracture and design criteria Monthly progress report, 1-30 Sep. 1971	1971
19710083959	Non-destructive tests of regenerative chambers Quarterly technical progress narrative, 4 Jun. - 17 Sep. 1971	1971
19710083967	Thermoelectric semiconductor materials	1971
19710083969	Report of test on Raytheon part no. 2887622-1	1971
19710083970	Effect of time variant inlet distortion on compressor stability characteristics of an augmented turbofan engine at Reynolds numbers indices of 0.6, 0.3, and 0.15 Final report, 8 Dec. 1969 - 26 Jun. 1970	1971
19710083971	Helium in hot stars, still a problem	1971
19710083978	Lance 11601, Missile no. FF-5, Round no. 118 RBT /6 July 1971/ Meteorological report	1971
19710083979	Athena V-139-D, Flight 129 /10 June 1971/ Meteorological data report	1971
19710083980	Formation of thin single-crystal films of silver sulfide	1971
19710083981	Experimental determination of the dependence of the thermal gasdynamic parameters of an annular combustion chamber upon the amount of primary flow in the total airflow	1971
19710083982	Rebinder effect and coefficient of friction during cold working of metals	1971
19710083986	Finite element modeling study using NASTRAN Interim report, 1 Jul. 1970 - 30 Apr. 1971	1971
19710084008	Self-evacuating multilayer insulation for space shuttle vehicles Quarterly progress report, 1 Jul. - 30 Sep. 1971	1971
19710084009	Evaluation of propellant binders Progress report, 1 Apr. - 30 Jun. 1970	1971
19710084010	DOD mission impact on space shuttle system. Volume 8 - Economics and planning analyses Final report	1971
19710084011	Engineer design test of pump, petroleum products, high capacity, high pressure, 8 inch Final report	1971
19710084012	Experimental investigation of a helium-air-methane laser Technical report, Sep. 1970 - Mar. 1971	1971
19710084013	Investigation of C-2A aircraft starting system performance Final report	1971
19710084014	Evaluation of two type MS 337-3 nickel-cadmium aircraft batteries having self-contained charge control circuits manufactured by Texas Instruments, Inc.	1971
19710084015	Investigation of fiber-reinforced plastic deep-submergence pressure hulls Summary report, Jun. 1970 - Apr. 1971	1971
19710084016	Liquid propellant gun interior ballistics Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710084019	Multi-spectral processing using planar distributed function generator Final technical report, 1 Jun. 1969 - 15 Dec. 1970	1971
19710084020	Evaluation of the track-while scan mode in the AN/APQ-148 radar Final report, 1 Jun. 1970 - 1 Feb. 1971	1971
19710084021	Modular analysis of electronic systems Interim engineering report, 16 Apr. - 15 Jul. 1971	1971
19710084022	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 Feb. - 30 Apr. 1971	1971
19710084024	Evaluation of the 500S arresting-gear system Final report, 20 Dec. 1967 - 1 Apr. 1971	1971
19710084025	Ramjet fuel studies. Part 1 - Carbon Progress report, Jul. 1969 - Jul. 1970	1971
19710084026	Vapor decomposition by microwave discharge Quarterly progress report, 7 Feb. - 7 May 1971	1971
19710084027	Self-defocussing of light propagating through a moving gas	1971
19710084028	Bibliography for air/surface warheads and fuzes	1971
19710084029	Transonic compressor analysis. Volume 1 - Methodology Final report, 1 Jun. 1970 - 30 Apr. 1971	1971
19710084033	Magnetometer data reduction study contract Final report	1971
19710084034	Manufacture and launch of two rocket-borne Ozone-Sondes Final report	1971
19710084047	Non-destructive tests of regenerative chambers Monthly technical progress narrative, 30 Aug. - 1 Oct. 1971	1971
19710084048	Evaluation of propellant binders Progress report, 1 Jul. - 30 Sep. 1970	1971
19710084052	Composite reinforced propellant tanks Monthly progress narrative, 10 Jun. - 2 Jul. 1971	1971
19710084053	Multilayer interconnections for hybrid microcircuits Quarterly - report, 1 Jul. - 30 Sep. 1970	1971
19710084055	Coated fabrics with improved adhesion of thermoplastic polymer to substrate	1971
19710084056	Compounding techniques for absorbent decontaminants Quarterly progress report, Mar. - May 1971	1971
19710084057	Feasibility evaluation of a subsonic ramjet propelled Full Size Maneuvering Target /FSMT/ Final report, 28 Aug. - 23 Nov. 1970	1971
19710084065	Nosetip Design Analysis and Test program /NDAT/, CO no. P000005. Computer user's manual - GRANT-PLUG, graphite nosetip thermal response - PLUG nosetip	1971
19710084067	Dimensionally stable, high strength, flat conductor cable Semiannual report, 25 Sep. 1970 - 25 Mar. 1971	1971
19710084068	Flight test evaluation of six navigation systems in the CH-46F helicopter Final report, 17 Nov. 1970 - 2 Apr. 1971	1971
19710084073	Spectral and polarization characteristics of selected targets and backgrounds - Instrumentation and measured results, 3.3 - 14.0 micrometers Technical report, Jan. 1968 - May 1971	1971
19710084074	Evaluation of airborne charger manufactured by Utah Research and Development Company	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084075	Analysis of aeronautical equipment environmental failures Technical report, Sep. 1969 - Jan. 1971	1971
19710084077	Proceedings of the Infrared Information Symposia, volume 15, number 3	1971
19710084078	Millimeter wave experiment for ATS-F Quarterly report, 15 Feb. - 15 May 1971	1971
19710084080	Automatic classification of titanium alloy microstructures by using filtered Fourier pattern recognition techniques	1971
19710084081	Linear integrated electronic arrays Quarterly report, 1 Sep. - 30 Nov. 1970	1971
19710084083	Electromagnetic compatibility test plan for HH-1H helicopters	1971
19710084084	Computerized Air Strike and Counter Air Defense Evaluation model /CASCADE 3/, programming specification manual. Volume 2 - Appendixes	1971
19710084085	General war antiballistic missile system /ABM-1 model/, programming specifications manual. Volume 1A - Data input/output subsystems. Part 2 - Program listings	1971
19710084086	Special monobath Final report, 13 Apr. 1970 - 15 May 1971	1971
19710084087	Two-stage Vuilleumier cycle cryogenic refrigeration system for advanced forward looking infrared /AFLIR/ applications Final report, 17 Mar. 1969 - 31 May 1970	1971
19710084088	Vuilleumier cycle cryogenic refrigeration system for missile guidance applications Final report, Mar. 1969 - Sep. 1970	1971
19710084089	A concept for an Air Force computer program documentation standard	1971
19710084090	Special study of airdrop/air portability procedures for truck, cargo, 1 1/4- ton, 6x6, M561 Final report, Jan. - Jun. 1971	1971
19710084091	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors Quarterly report, 1 Feb. - 30 Apr. 1971	1971
19710084092	An evaluation of metrology capabilities	1971
19710084099	High explosive field test of hardened electrical generators	1971
19710084100	Operational procedures for exercising the acoustic performance evaluation-digraphics /APE-DIGI/ simulation model	1971
19710084102	Properties of multilayer filters Interim report, 1 Mar. - 31 Aug. 1971	1971
19710084103	Model description of the NASA Data Processing Facility Midterm report, 1 Jul. - 15 Aug. 1971	1971
19710084104	Study of the techniques feasible for food synthesis aboard a spacecraft Semiannual status report, 1 Feb. - 31 Jul. 1971	1971
19710084105	Program definition and experiment configuration plan, redundant sensor strapdown IMU evaluation program	1971
19710084107	Automatic torque assembly machine Final technical report, 30 Nov. 1970 - 2 Jun. 1971	1971
19710084108	Protective coatings for aircraft generators Final report, Mar. - May 1971	1971
19710084115	Test and evaluation of center mount airplane crash crane Final report	1971
19710084116	Development of deck motion compensation for the F-4J type aircraft in the AN/SPN-42 operational program Interim report	1971
19710084118	A program of high resolution X-ray astronomy using sounding rockets Quarterly progress report, 15 May - 30 Sep. 1971	1971
19710084119	Space vehicle integrated thermal protection/structural/meteoroid protection system Monthly progress report, 15 Sep. - 15 Oct. 1971	1971
19710084132	Navy evaluation of the SH-3A MARS 2 /Mid-Air Recovery System 2/ Final report	1971
19710084133	Multi-spectral imaging system study Final report, 19 Jan. - 19 Sep. 1971	1971
19710084135	Aerodynamic characteristics of a fluidic- controlled anti-tank missile at Mach numbers from 2.0 to 3.0 Final report	1971
19710084136	A life dedicated to the helicopter	1971
19710084138	Production engineering of Nd - YAG laser roads for laser illuminator transmitters quarterly report, Jan. - Mar. 1971	1971
19710084139	Aerobee-150 KP 3.37 Meteorological data report, 28 May 1971	1971
19710084140	Inorganic dielectrics research Semiannual report, 1 Jul. - 31 Dec. 1970	1971
19710084141	Vuilleumier cycle cryogenic refrigeration system for infrared scanner applications Final report, 17 Mar. 1969 - Apr. 1970	1971
19710084142	Thermal investigation of batch catalytic chemical reaction collagen solutions Final report	1971
19710084143	The qualification testing of the Pratt and Whitney Aircraft TF30-P-100 engine Summary report	1971
19710084144	Intra-vehicle electromagnetic compatibility analysis. Part 1 Technical report, Jan. 1970 - Apr. 1971	1971
19710084146	Turbine engine diagnostic checkout system Final report, 2 Jan. 1969 - 15 Jan. 1971	1971
19710084150	General war antiballistic missile system model /ABM-I model/. Volume 2 - defense allocator subsystem.	1971
19710084160	Research on synthesis procedures for intermediates required for high temperature stable polymeric materials Technical report, 15 Oct. 1969 - 15 Apr. 1971	1971
19710084161	Production engineering measure for subminiature, low voltage ceramic capacitors Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710084162	Studies on auditory and vestibular end organs and brain stem nuclei	1971
19710084166	Special studies of meteorological measurement techniques up to 100 kilometers Semiannual status report, 1 Jan. - 30 Jun. 1971	1971
19710084167	Quarterly progress report no. 1, 1 January - 31 March 1971	1971
19710084168	Production engineering measure for solid state photodetectors Quarterly progress report, 23 Jan. - 22 Apr. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084169	Development of control power supply XM22 series Final report, Feb. 1969 - Jun. 1971	1971
19710084170	Effect of unstable power supplies on M429 fuze performance	1971
19710084171	The effect of source receiver separation on conventional underwater imaging Research and development report, Jul. - Aug. 1970	1971
19710084172	Production engineering measure for high reliability aluminum electrolytic capacitors Quarterly report, 20 Dec. 1970 - 20 Mar. 1971	1971
19710084173	Transmission secondary emission image tube development Final report, 27 Apr. 1970 - 26 Apr. 1971	1971
19710084174	Advanced hardening techniques for complex integrated circuitry Final technical report, 27 May 1969 - 27 Jul. 1971	1971
19710084175	Sliding-seal electron beam welding of aerospace structures Interim engineering progress report no. 4, 1 May - 31 Jul. 1971	1971
19710084176	High-speed gear-type cutting machine TD 220-SS80, TD 200-S60	1971
19710084177	TOW Monthly technical report, 1-31 Jul. 1971	1971
19710084178	EMC analysis of 407L microwave communications in West Germany	1971
19710084179	Production engineering measure - solid encapsulated semiconductor devices Quarterly progress report, 1 Jan. - 1 Apr. 1971	1971
19710084180	Photoemission and optical studies of amorphous germanium	1971
19710084181	Exploratory research into combustor inlet distortion tolerance. Volume 1 - Compressor tests Final technical report, 2 Jan. 1969 - 31 Mar. 1971	1971
19710084182	Sensitivity enhancement techniques for liquid droplet detection Quarterly progress report, Mar. - May 1971	1971
19710084183	Weston bimetallic thermometers, evaluation tests Final report	1971
19710084184	Investigation of the feasibility of performing data temperature corrections for the model 2438 nose boom instrumentation unit Final report	1971
19710084186	Manufacturing methods for the reverse switching rectifier Quarterly progress report, 1 Apr. - 1 Jul. 1971	1971
19710084194	Handbook of submarine ELF electromagnetic quieting practices /U/	1971
19710084197	The development of experimental explosives sensors using X-ray and gamma-ray backscatter techniques /U/ Final technical report, Dec. 1968 - Jun. 1971	1971
19710084201	Static-force, pressure, and heat-transfer tests of two advanced manned interceptor models AMI-X at Mach numbers 4 and 6 /U/ Final report, 11 Dec. 1970 - 20 Jan. 1971	1971
19710084202	Infrared mosaic flash detection system /U/	1971
19710084204	Improved photoflash cartridge /U/ Final report	1971
19710084207	Digital computer CER-202	1971
19710084208	Effects of calcining on the atmosphere - Firing of lead zirconate, lead titanate ceramics	1971
19710084211	Vacuum cleaner, runway Final report, 26 Jan. - 31 Mar. 1971	1971
19710084215	F-4D/E scan converter display /C/	1971
19710084217	Study of fatal AH-1G Cobra mishaps /U/	1971
19710084218	Integrated logistics /U/ Annual report, 1970	1971
19710084220	Boron slurry ramjet technology for long range applications. Part 1 - Analysis and experiments on a boron slurry fueled engine /U/ Final report, Apr. 1969 - Apr. 1971	1971
19710084221	Boron slurry ramjet technology for long range applications. Part 2 - Preliminary design and performance bulletin for the Marquardt model MA209-XAA ramjet engine /U/ Final report, Nov. 1970 - Feb. 1971	1971
19710084225	Development and demonstration of an advanced N204/N2H4PBPS axial engine assembly /U/ Final technical report, 2 Feb. 1970 - 29 Apr. 1971	1971
19710084227	Low shear mixing /U/ Technical report, 1 Apr. - 30 Jun. 1971	1971
19710084229	An improved method of manufacture of a ballistic modifier for smokeless rocket propellants /U/	1971
19710084230	Application of radar to ballistic acceptance testing /U/ Final report, 26 Oct. 1970 - 25 Apr. 1971	1971
19710084232	The processes employed in welded printed circuits	1971
19710084233	Feasibility of high energy forming large armor sections	1971
19710084234	Rocket sled trajectory calculations - Program NEWSLD	1971
19710084235	Design, fabricate, test, and deliver terminal homing flight test vehicles Final report	1971
19710084236	A simplified CARDIN subsystem for GECOS 3 Final technical report, Apr. 1970 - Apr. 1971	1971
19710084244	Manufacturing methods for aluminum hydride production /U/ Final technical documentary report, 16 Dec. 1969 - 15 Jan. 1971	1971
19710084245	Category 2 flight evaluation of the Pave Nail system /U/ Final report	1971
19710084248	Final flight test report of the E27 warhead section, Lance missile, 12 L /U/	1971
19710084249	Dragon rocket motor risk analysis /U/	1971
19710084251	Static stability and control characteristics of several configurations of the pave Storm 1 and 2 munition systems at transonic speeds /U/ Final report	1971
19710084252	Detailed characteristics of TF-30-P-100 engine /U/	1971
19710084258	Capabilities of SEVs for northern operations	1971
19710084259	Test on capacitors, fixed, electrolytic /aluminum oxide/, MIL-C-39018 Final engineering development report	1971
19710084260	Test on capacitors, fixed, electrolytic /aluminum oxide/ Final engineering development report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084261	Production engineering measure for optical integrators, optical windows and projection lenses for laser diode arrays Quarterly report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710084265	Dispenser-marker, self-luminous, LUU-12/B/XCL-1/, /Marceye 4/ /U/ Technical publication Apr. 1968 - Oct. 1969	1971
19710084274	Qualification of Motorola's diode array, flatpack	1971
19710084276	Initial production test of Rocket Control and Display System /RCDS/, XM119 Final report, 12 Dec. 1969 - 18 Jan. 1971	1971
19710084277	Electromagnetic pulse interaction notes. Volume 1 - Notes 1 through 20	1971
19710084278	Electromagnetic pulse interaction notes. Volume 2 - Notes 21 through 31	1971
19710084279	Electromagnetic pulse interaction notes. Volume 3 - Notes 32 through 47	1971
19710084280	Electromagnetic pulse sensor and simulation notes. Volume 8 - Notes 101 through 111	1971
19710084281	Electromagnetic pulse sensor and simulation notes. Volume 9 - Notes 112 through 120	1971
19710084282	Exploratory development program Quarterly progress report, 1971	1971
19710084283	XM-21 Final summary report	1971
19710084284	Production engineering measure for improved reliability of solid tantalum capacitors Final report, 29 Jun. 1963 - 1 aug. 1971	1971
19710084285	Impurities in carbon fibers - Outgassing of carbon yarns	1971
19710084286	The effect of a light antiaircraft battery	1971
19710084287	Concise property transformation relations for an anisotropic lamina	1971
19710084289	Space storable explosively actuated valves, Pyronetics model 1356 Monthly progress report, 31 Aug. - 29 Sep. 1971	1971
19710084290	A technique for coating thermocouples for protection from carbon contamination at high temperatures, 5500 R	1971
19710084291	Determination of boron and nitrogen in boron nitride	1971
19710084293	Thin film resistor networks	1971
19710084295	General Components, Incorporated printed wiring board, multilayer, SCD no. 2621995	1971
19710084298	Full scale engine evaluation of two advanced 5 cs lubricating oils Final report	1971
19710084299	One-dimensional nonlinear multisignal traveling-wave amplifier analysis and design program Final report, 13 May - 20 Aug. 1971	1971
19710084300	Analyses of NASA/DOD space applications and transportation system requirements, effective study Monthly progress report	1971
19710084301	Qualification, transformer, Bourns	1971
19710084302	Comparative study of fuels for the first stage of an atmospheric booster	1971
19710084303	Continuous determination and adsorptive removal of water and oil from freons	1971
19710084304	Fiber-strengthened materials	1971
19710084305	The relative orientation of two panoramic photograms with two calculation methods	1971
19710084306	Investigation of thermally induced index changes in gases Quarterly report, 23 Aug. 1970 - 22 Feb. 1971	1971
19710084307	DLEG and DASY - Two double-precision routines for the evaluation of Legendre polynomials	1971
19710084308	Investigation of characteristics of feed system instabilities Interim report, 1 Jul. 1970 - 1 Aug. 1971	1971
19710084309	Experimental analysis of the abnormal thermoelectric effect	1971
19710084310	The effect of very short laser pulses on a solid target	1971
19710084311	The number of passages of a speech signal through a predetermined voltage level	1971
19710084322	Signal vulnerability to direction finding /U/	1971
19710084332	Planned data transmission link to operate between the electronic computer engineering enterprise at Wroclaw and the industrial equipment plant at Nysa	1971
19710084333	Kalman filter and simple limited-memory estimation algorithms	1971
19710084334	Progress report, 17 August - 22 October 1971	1971
19710084335	A new method of manufacturing billets for bearing balls and smaller roller-bearing rings	1971
19710084336	Corrosion of metals in fluid metals	1971
19710084357	The results of measuring Gunn diodes manufactured from GaAs of various origin	1971
19710084358	Variable rate modems Final report, 19 Jan. 1970 - 1 May 1971	1971
19710084359	Documentation of techniques and procedures for converting engineering data onto encoded microform	1971
19710084360	Research on thermal discoloration of polyacrylonitrile	1971
19710084365	InSb detector array /U/ Final technical report, 14 Oct. 1970 - 29 Jun. 1971	1971
19710084372	A feasibility study of the LUU-7/8B target marker flare for use from the OV-10A aircraft /U/	1971
19710084373	At Sea program /DV-98/, ASMD phase C /U/ Engineering progress report, 1 Apr. 1970 - 1 Feb. 1971	1971
19710084382	The thunderbird boom incident, Albuquerque November 16, 1969	1971
19710084384	Some shift registers with integrated circuits	1971
19710084385	On a certain analogy in the kinematics of friction bearings	1971
19710084386	Use of virtually non-inflammable pressure fluids in hydraulic devices	1971
19710084387	Development tendencies in the application of digital process computers in the process industry	1971
19710084388	Explosive ordnance test report GPEO 7. Avco shaped charge testing, giant patriot program Final report, 15 Oct. 1970 - 18 Jun. 1971	1971
19710084389	Modification and improvement of the executive software system of the GE-635 computer	1971
19710084390	The effect of component oil technology on the quality of motor oils	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084391	Service life test of ESB type AGB-39 silver-zinc storage battery	1971
19710084392	TELCAM - Tape-to-card conversion program /modified/ Development report	1971
19710084393	The plasma focus as a strong shock wave injector preliminary	1971
19710084394	Development of the automatic protection of electric systems in the years 1919 - 1969	1971
19710084396	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage Quarterly report, 30 Dec. 1970 - 31 Mar. 1971	1971
19710084397	Experimental studies of a confined supersonic jet	1971
19710084399	Evaluation of Gould Type TLK-39B, Guppy 1 Mod C /red lead oxide/ submarine main storage battery cells by the 23-1 float-charge procedure	1971
19710084400	Fundamental studies of semiconductor heteroepitaxy Semiannual report, 1 Jan. - 30 Jun. 1971	1971
19710084401	Directional reflectance of 1.06 micron wavelength laser radiation from various surfaces	1971
19710084403	Production engineering measure for solid-state avalanche photodetectors Quarterly progress report, 31 Dec. 1970 - 30 Mar. 1971	1971
19710084404	Utility of TAERS for engineering evaluations	1971
19710084405	Suitability for use of the AH-1G aerial weapons system under Arctic winter conditions	1971
19710084406	Water-vapor condensation on natural aerosols with low supersaturations	1971
19710084407	Growth and characterization of thin film 3-5 ternary compounds for photocathodes Quarterly report, Jan. - Mar. 1971	1971
19710084409	Analyst support and research system /ANSRS/ Final technical report, 12 Mar. 1970 - 7 Apr. 1971	1971
19710084410	DIAOLS-GECOS III/ISS interface and communications Final report, 7 Apr. 1970 - 22 Mar. 1971	1971
19710084411	Note on the thermal initiation of explosives	1971
19710084415	Supersonic aerodynamic characteristics of a wrap-around folding fin	1971
19710084416	Rocket catapult negative-g simulation program Technical report, Mar. 1969 - May 1971	1971
19710084417	The SDM 132 vibration measurement stand	1971
19710084418	Microcircuit crystal oscillator Quarterly report, 10 Dec. 1970 - 10 Mar. 1971	1971
19710084419	Durability of adhesive-bonded aluminum joints	1971
19710084420	First article testing of electrical dummy load DA-577/FRT Final report	1971
19710084421	Thermal printer evaluation /miniprint-80/	1971
19710084422	The magnetic deflection of electron beams in thin films of iron	1971
19710084423	Diffraction of electron waves at magnetic structures	1971
19710084424	Antiparallel domains as biprisms for electron interference	1971
19710084425	Mark 11C MOD 6 systems engineering evaluation test no. 2A /SEET no. 2A/ Final test report	1971
19710084426	Mark 11C MOD 6 systems engineering evaluation test no. 2A /SEET 2A/, addendum no. 1 Final test report	1971
19710084427	Flight test evaluation and calibration of AIMS airborne equipment in the P-3A airplane Interim report	1971
19710084428	QT-33A aircraft target - Operational evaluation of high-G maneuvering system	1971
19710084429	Penetration systems studies 3 Semiannual report, Oct. 1970 - Apr. 1971	1971
19710084430	Test and evaluation of organizational and intermediate Ground Support Equipment /GSE/ for model T53 engines Interim report, 1 apr. - 30 Jun. 1971	1971
19710084431	Simulation tests of a collision avoidance system for surface effect ships Final report, 22 Sep. 1970 - 1 Jun. 1971	1971
19710084432	Foaming agents on the basis of wetting agents	1971
19710084433	Reliability of plastic-encapsulated integrated circuits	1971
19710084434	Effective algorithms of image recognition	1971
19710084435	Recent findings on calculating roller bearing design loads for automotive drive mechanisms	1971
19710084436	Mechanisms of laser-surface interactions Final report	1971
19710084438	Advanced ceramic systems for rocket nozzle applications Progress report, 1 Sep. 1970 - 31 May 1971	1971
19710084439	Advanced microwave communications techniques study - System capability projections and descriptions of new technologies Task reports no. 4 and 5	1971
19710084440	The URSALOG S-module with switching circuits for the medium fast D11 series	1971
19710084441	Compatibility study of the A-7D/E Ram Air Turbine driven emergency power unit on the F-8 airplane Interim report, Dec. 1968 - Mar. 1971	1971
19710084442	Review of recent developments - Metalworking	1971
19710084443	Prediction of aircraft drag due to lift Final report, Apr. 1970 - Jun. 1971	1971
19710084444	Report of a force vector summation system for improved nozzle alignment measurement, 2.75 inch rocket motor	1971
19710084445	Determination of tape preparation requirements for N/C machine tools and utilization of N/C jig borers	1971
19710084447	New Hungarian gyroscopic theodolites	1971
19710084448	Oxidation behavior of IN-738 and Mar-M432	1971
19710084449	The Soviet civilian aviation engines	1971
19710084453	The development of applied cybernetics in Czechoslovakia	1971
19710084454	AUTODIN simulator /AUSIM/ program reports	1971
19710084455	Determining the strength and deformation characteristics by the pyramidal pressure test	1971
19710084456	Operational experience in the manufacture of heat-resistant, calcium-based lubricating greases	1971
19710084457	The influence of cumulative breakdowns on ball-bearing fatigue failures	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084458	The light pen - An effective tool of the man-machine interface	1971
19710084459	The application of wing profiles for separating and controlling double reproduction of flat objects	1971
19710084460	Problems of application of ODRA computers in the network of computing centers ZETO	1971
19710084461	A review of Polish apparatus for data transmission	1971
19710084463	Bonding and adhesives Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710084464	The load bearing capacities of plastic gears	1971
19710084465	A potentiometer method for determining the acidity and alkalinity in small samples of oils and additions	1971
19710084466	A comparison of three modes of determining the direction of arrival with a CDAA-RDF system	1971
19710084467	Plastic encapsulated semiconductors, a status report	1971
19710084470	Influence of processing parameters upon properties of copper-based sintered friction materials for dry type brakes	1971
19710084471	Communication techniques	1971
19710084472	Allocation of resources to research and development. Volume 1 - R and D resource allocation strategies Client report, May - Sep. 1970	1971
19710084473	Allocation of resources to research and development. Volume 3 - The integration of technological forecasting into army planning Client report, May - Sep. 1970	1971
19710084474	Allocation of resources to research and development. Volume 4 - The problem of comparisons and forecasts of Soviet ground weapons technology and RDT and E for net assessments and US Army R and D planning - A preliminary view Client report, May - Sep. 1970	1971
19710084475	The continuation of analytical and experimental investigation of aircraft arresting-gear purchase cable Final report, 22 Jun. 1970 - 22 Jun. 1971	1971
19710084476	Aerodynamic characteristics of the F-5E aircraft at Mach numbers from 0.6 to 2.0 Final report, 8 Mar. - 4 May 1971	1971
19710084477	RAF Bentwaters, England, GCA evaluation Performance report, 2-5 Nov. 1970	1971
19710084478	Durability study of adhesive bonding systems for potential use in fabrication of an airmobile aircraft maintenance shop	1971
19710084480	Time division multiple access teletype modem Final technical report, 1 Jul. 1969 - 30 May 1971	1971
19710084481	Inorganic nose cone techniques for sidelobe reduction	1971
19710084482	Evaluation of heating devices for use with environment proof splices Interim report	1971
19710084483	Monitoring of EA-6B aircrew automated escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development	1971
19710084484	Photoelectric photometry of quasi-synchronous spacecraft at the cloudcroft electro-optical site	1971
19710084485	Remote switch automatic cutoff, C-130 cargo handling system Final report	1971
19710084487	Stick slip in machine tools	1971
19710084488	Infrared image test program study, addendum Final report, 1 Apr. - 1 Aug. 1970	1971
19710084490	Integrated solid state microwave sources Annual report, 1 Jul. 1969 - 30 Jun. 1970	1971
19710084491	Experimental aerodynamic characteristics of the Army BOMAT Magnus rotor subpack and submunition bomblets at Mach numbers from 0.1 to 1.3 Final report	1971
19710084492	Separation characteristics of the Mk-20 /Rockeye/ laser-guided dispenser munition from the F-4C aircraft at Mach numbers from 0.66 to 0.90 Final report	1971
19710084493	Manufacturing methods for the production of disc shapes by contour rolling Interim engineering report, 1 Apr. - 30 Jun. 1971	1971
19710084494	DCS CONUS AUTOVON Switching Simulator Final report	1971
19710084495	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors Quarterly report, 22 Dec. 1970 - 31 Mar. 1971	1971
19710084496	DCS AUTOVON Switching Simulator - Program reports	1971
19710084497	The various flow patterns in the wake of a blunt nosed model in hypersonic flight	1971
19710084498	Incoherent-to-coherent image converter Final report, 17 Nov. 1969 - 15 Jun. 1971	1971
19710084499	Electronic rangefinders	1971
19710084500	Preliminary results of evaluation of an axial-centrifugal compressor	1971
19710084501	Sea niteops visionics field test analysis - Warren Grove, New Jersey Technical report, Aug. 1968 - Apr. 1969	1971
19710084502	Official high and low temperature qualification test of a Pratt and Whitney aircraft TF30-P-408 turbofan engine	1971
19710084503	Laser applications, present state and prospects	1971
19710084504	Force tests on the B-1 separable-pod crew escape capsule in proximity to the parent fuselage with cold-flow rocket plume simulation at Mach numbers 1-76 through 2-24 Final report	1971
19710084505	Aerodynamic characteristics of several drogue parachute designs for the B-1 escape capsule at supersonic Mach numbers Final report	1971
19710084507	Athena H AVE stress analysis, volume 3. Addendum C - APSA payload peculiar hardware for Vehicle H-002J D	1971
19710084508	Qualification tests on resistors, variable, wirewound, lead-screw-actuated, Style RT24, Techno Model 86s-688	1971
19710084509	A worldwide correlation of soil and population	1971
19710084510	Vacuum diffusion of boron, using B ₂ O ₃ as a source, in silicon	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084511	Attempt at translating arithmetical expressions for the UMC-10 computer	1971
19710084523	Autodin simulator /Ausim/ user's manual Final report	1971
19710084526	Production engineering measure for capacitors, electrolytic, aluminum high reliability Final report, 20 Jun. 1966 - Jul. 1971	1971
19710084527	Evaluation of resistance to mechanical forces of industrial and aviation hydraulic fluids and lubricating oils	1971
19710084528	Design and experimental investigation of reusable launch vehicle configurations. Volume 1 - Summary /U/ Final report, Jul. 1967 - Dec. 1970	1971
19710084529	Design and experimental investigation of reusable launch vehicle configurations. Volume 2 - Concept analysis /U/ Final report, Jul. 1967 - Dec. 1970	1971
19710084530	Design and experimental investigation of reusable launch vehicle configurations. Part 1 - Aerodynamic characteristics of FDL-5LD-3 and FDL-8H configurations in the AEDC tunnels 4T, A, and c. Supplement 1 /U/ Final report, Jul. 1967 - Dec. 1970	1971
19710084531	Design and experimental investigation of reusable launch vehicle configurations. Part 2 - Aerodynamic characteristics of FDL-5LD-3 and FDL-8H configurations in the AEDC tunnels 4T, A, and C. Supplement 1 /U/ Final report, Jul. 1967 - Dec. 1970	1971
19710084532	Design and experimental investigation of reusable launch vehicle configurations. Part 3 - Aerodynamic characteristics of FDL-5LD-3 and FDL-8H configurations in the AEDC tunnels 4T, A, and C. Supplement 1 /U/ Final report, Jul. 1967 - Dec. 1970	1971
19710084538	Determination of the chemical nature of aerosols	1971
19710084539	Precision 3.3X enlarging printer Engineering test report, Apr. - Jun. 1969	1971
19710084541	Design and development of cryogenic turbo refrigerator systems Interim technical report, 17 Aug. 1970 - 15 Feb. 1971	1971
19710084542	Production engineering measure for mechanized production and test equipment for ceramic chip capacitors Quarterly progress report, 5 Mar. - 5 Jun. 1971	1971
19710084543	The advanced targeting study, phase 1F. Volume 1 - Ballistic missile software technology baseline Final report, 11 Mar. 1970 - 15 Jun. 1971	1971
19710084544	Flueric explosive initiator Final report, 23 Feb. - 23 Nov. 1970	1971
19710084551	Electronically controlled high dynamic range tuner Final report, 17 Sep. 1970 - 17 Jun. 1971	1971
19710084552	Guided weapons for low-level aircraft defense	1971
19710084553	Altitude testing of the aerojet controllable solid-propellant rocket subscale TVC demonstration motor Final report	1971
19710084554	Studies of the iridium/3/ and /4/-chloride system in acid solution	1971
19710084555	Electronegative materials	1971
19710084556	Fabrication and evaluation of diffusion-bonded laminated sections Final report, 1 Feb. 1966 - 31 Dec. 1970	1971
19710084557	Review of recent developments - Oxidation-resistant coatings for refractory metals	1971
19710084559	Hardened MOS circuitry, volume 1 Final report, 15 Jun. 1970 - 15 Mar. 1971	1971
19710084560	The exsolution of MgAl spinels supersaturated with Al ₂ O ₃	1971
19710084561	Two-channel monopulse direction finding using spiral antennas /U/	1971
19710084564	Exploratory research into combustor inlet distortion tolerance. Volume 2 - Combustor tests /U/ Final technical report, 2 Jan. 1969 - 31 Mar. 1971	1971
19710084571	A reliability problem for logic circuits	1971
19710084572	A study of static and dynamic hazards in logic networks of asynchronous operation	1971
19710084573	Electric power control system	1971
19710084574	Several monostable inverter circuits made from integrated inverters	1971
19710084575	Method for synthesizing a decimal-binary series converter	1971
19710084576	Calibration and comparison of simulated rain fields with natural rains Final report, 1 Jun. 1969 - 1 Sep. 1970	1971
19710084577	Mass spectrometry tables for organo-phosphorus compounds	1971
19710084578	Investigation of voltage transients in the electric power system of the S-2D/E aircraft	1971
19710084579	Leakage and coupling of transmission lines	1971
19710084580	Phase 9 of the accelerated service test of the J79-GE-10 engine Interim report	1971
19710084581	Future perspectives for progress in nontelecommunication applications of electronics	1971
19710084582	A procedure for the evaluation of proposals	1971
19710084583	The function of temperature and time on the fixing of nitrogen by niobium in low carbon iron at temperatures between 450 and 800 C	1971
19710084584	Service test of lightweight underwear of winter flight clothing system Final report, 10 Jan. - 30 May 1971	1971
19710084585	The attenuation of visible and infrared radiation by artificial aerosols and their effect upon visibility	1971
19710084586	Air intakes for flight at Mach 7	1971
19710084587	The annual variation of the concentration of chloride particles in the air	1971
19710084588	Engineering evaluation of disposable oil filter elements for Constant Speed Drives /CSD/ on F-4, A-4, A-6, A-7, and S-2D/E-1B type aircraft Interim report, 1 Jan. - 30 Jun. 1971	1971
19710084590	Summary of Hungarian surveying, geodetic research, development	1971
19710084592	Development and evaluation of an improved self-aligning input shaft for the Sundstrand 30AGD03 Constant Speed Drive in the F-4J airplane 15 Jan. - 30 Jun. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084594	Washino LENCUC model digitally controlled lathes LENCUC-80A and LENCUC-125A	1971
19710084595	Static and shock testing of wing 1 LER shock isolators. Volume 2 - Test data plots Technical report, May - Aug. 1969	1971
19710084597	Radiographic procedures and standards for partial penetration weld joints on heavy aluminum and steel plate, phase 3 Final report	1971
19710084598	Adsorption and oxidation of sulfur dioxide at ordinary temperatures. 1 - Measurement of atmospheric particles and laboratory experiments on the adsorption and oxidation of sulfur dioxide on the surface of particles at room temperature	1971
19710084599	Little John Laser, 12001, missile no. 2327, round no. 13 /12 July 1971/	1971
19710084600	The status of data processing at the Adolf-Schmidt Observatory in Niemegk	1971
19710084601	Report on the Third European Mechanical Colloquium on Supersonic Flow with Heat Input	1971
19710084602	Military potential test of AN/APX-92IFF transponder Partial report	1971
19710084603	Absorption and diffusion of light by the atmosphere, Part 3	1971
19710084604	AN/APX-83/V/ program - EMC test report	1971
19710084605	Inelastic low energy electron diffraction	1971
19710084606	Environmental verification report for recognition set AN/ASX-2/XN-1/	1971
19710084607	Exploratory development of large area avalanche solid state detectors for nuclear and infrared radiation Semiannual report, Jun. 1970 - Apr. 1971	1971
19710084608	Holographic storage/readout techniques Final report, 9 Nov. 1970 - 8 Jan. 1971	1971
19710084609	Comparative study of nonmetal antifriction materials at different loads and small sliding velocities	1971
19710084610	A single purpose analog computer for calculating optimum converter feeds	1971
19710084611	Communications engineering, volume 20, no. 7, 1970. Selected articles	1971
19710084613	The advanced targeting study, phase 1 F. Volume 2 - Ballistic missile computer software technology	1971
19710084614	Manufacturing Methods and Technology measure /MMT/ program for GaAs laser crystal	1971
19710084615	Approximate calculation of flow in thermodynamic equilibrium in the wake of a body in hypersonic flight. Part 1 - Flow at the viscous wake boundary behind a blunt body	1971
19710084616	Experiments on outer supersonic combustion	1971
19710084618	Development of independent emergency electric system Interim report	1971
19710084621	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors Quarterly report, 13 Dec. 1970 - 13 Mar. 1971	1971
19710084622	A feasibility study of the separation of parallel launch vehicle configurations above the atmosphere	1971
19710084623	Source qualification for AS132665	1971
19710084624	Aerobee 350 NASA 17.08 NG Meteorological data report for 23 Jun. 1971	1971
19710084625	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal Quarterly report, 1 Oct. - 31 Dec. 1970	1971
19710084627	The effect of information channel systems on computer throughput	1971
19710084628	Satellite search and rescue system studies - Alarm and position reporting Final report, 15 Apr. 1970 - 15 Jun. 1971	1971
19710084629	Nuclear radiation hardness assurance for electronics. 2 - Neutron screening techniques for hardened bi-polar power transistors Final report, Apr. - Aug. 1970	1971
19710084630	Electron acceptor-electron donor interactions, 15 and 16 Final report	1971
19710084631	InAs photodiode mosaic Final technical report, Jan. 1970 - Mar. 1971	1971
19710084632	Investigation of flat conductor cable for use in aircraft as interconnecting wire for electrical and/or electronic equipment Final report, Nov. 1969 - Apr. 1971	1971
19710084633	High power GaAlAs injection laser Final report, 23 Feb. 1970 - 22 Feb. 1971	1971
19710084634	Limited safety test of the FMU-81/B auxiliary booster for guided bomb application Final report	1971
19710084635	Radiation effects on MSI/LSI electronic devices and circuits Final report	1971
19710084636	A model for optimizing prescribed loads	1971
19710084637	OT and E of dual visor assembly Final report, 22 Feb. - 22 Apr. 1971	1971
19710084638	Relative improvement factor of error correcting codes by computer simulation	1971
19710084639	Design formulation and analysis of an active landing gear system. Volume 1 - Analysis Final report, 20 Aug. 1970 - 20 Aug. 1971	1971
19710084640	QKS1267 refinement program Quarterly development report, 1 Jan. - 31 Mar. 1971	1971
19710084641	Quinine sulfate as a fluorescence quantum yield standard	1971
19710084642	Linear integrated electronic arrays Quarterly progress report, 1 Dec. 1970 - 28 Feb. 1971	1971
19710084643	Aging and surveillance testing of a minuteman LGM-30F stage 2 rocket motor at simulated pressure altitude motor S/N AA20024, designation OP-9 Final report	1971
19710084644	Crevice corrosion and pitting of AISI 304 stainless steel in aqueous film-forming foam concentrates	1971
19710084645	Force tests on the B-1 separable pod crew escape capsule in proximity to the parent fuselage with cold flow rocket plume simulation at Mach numbers 0.3 through 1.2	1971
19710084647	Engineer design test of sizing study of gloves, anthropometrically designed Final letter report	1971
19710084649	Switch telemeter for M514A1E1 fuze	1971
19710084650	Production technology and properties of fire resistant wood fiberboard	1971
19710084651	High Reynolds number transonic performance of improved planar airfoils with jet flaps Final report, 1 Jul. 1970 - 30 Apr. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084652	Friction phenomena in spike bearings	1971
19710084653	The FVL surveying laser	1971
19710084656	AN/PPS-18 /XN-1/ ultra reliable radar Interim development report, 1-31 Jul. 1971	1971
19710084658	Concept formulation of a miniature fuze Final report, Jun. 1970 - Apr. 1971	1971
19710084659	Volute stabilization of cylindrical submunitions Final report, Mar. 1970 - Mar. 1971	1971
19710084660	A-7D/HC-130P air refueling compatibility Final report	1971
19710084661	NADC air-to-air combat simulator evaluation Interim report	1971
19710084662	Manufacturing methods for rolling very high strength superalloy sheet Interim technical engineering report, 1 May - 1 Aug. 1971	1971
19710084663	Maintenance and enhancement of the AED system Interim technical report, 9 Mar. - 8 Jun. 1971	1971
19710084664	The effect on an air-backed plate of a shock wave reflected by an immersed plate Final report	1971
19710084665	Establishment of a manufacturing process for infrared glass windows Interim engineering progress report, 1 Apr. - 30 Jun. 1971	1971
19710084666	The 08508 Honest John, missile no. 1864, round no. 608 RML Meteorological data report for 28 Aug. 1971	1971
19710084667	The 12003 Little John, missile no. 2160, round no. 681 RD and the 12003 Little John, missile no. 2206, round no. 680 RD Meteorological data report for 23 Jul. 1971	1971
19710084668	The 12003 Little John, missile no. 2210, round no. 679 Meteorological data report for 20 Jul. 1971	1971
19710084669	The 11606 Lance, missile no. 5124, round no. 120 RCT Meteorological data report for 16 Jul. 1971	1971
19710084670	The 11602 Lance, missile no. PF-1, round no. 119 RST Meteorological data report for 13 Jul. 1971	1971
19710084673	CH-115A and CH-870 propellant characterization /U/ Technical publication, Aug. 1968 - Sep. 1969	1971
19710084674	Test procedures for tape recording systems /U/	1971
19710084680	Static-stability characteristics of the FDL-8H and FDL-5LE configurations at Mach numbers 1.5 to 10 /U/ Final report, 5 Jun. - 3 Dec. 1970	1971
19710084681	GaaS junction field-effect transistors Final report, May 1970 - Apr. 1971	1971
19710084682	Longitudinal static stability and drag characteristics of F-40 aircraft with various external store configurations at transonic speeds Final report	1971
19710084683	Multifunction module design for improved logistics support, volume 1 Final technical report	1971
19710084684	Multifunction module design for improved logistics support. Volume 2 - Tables Final technical report	1971
19710084686	Evaluation of diesel motor oils by up-to-date bench test methods	1971
19710084688	Ceramic matrix composites as armor materials, part 2 Final report, 16 Jun. 1969 - 15 Jan. 1971	1971
19710084691	Shift registers and their applications. Part 1 - Theoretical principles	1971
19710084692	Computation of streamlines from a discrete divergent vector field	1971
19710084693	Vibrations and noises of roller bearings in electrical motors	1971
19710084694	On the free field calibration of pressure sensitive microphones in comparison test by the substitution method	1971
19710084698	Low temperature thermoelectric cooler Final report, 8 Aug. 1969 - 23 May 1971	1971
19710084699	Product improvement Final report, 1 Jan. 1970 - 30 Apr. 1971	1971
19710084700	Systems research for radar, ECM and communications systems Interim engineering report, 1 May - 1 Aug. 1971	1971
19710084701	Computer multiparameter data acquisition system	1971
19710084702	Investigation of reaction of molybdenum hexafluoride with some solid fluorides	1971
19710084703	Studies on recording fog meters	1971
19710084705	Production engineering measure for subminiature high-reliability ceramic capacitors Final report, 13 Jun. 1966 - 30 May 1971	1971
19710084706	Production engineering measure for subminiature high-reliability ceramic capacitors, quality control manual	1971
19710084707	Evaluation of urethane foam potting compound for PP-2581/A power supply	1971
19710084708	Product improvement test of standard A summer uniform for army aviation crewmembers Final report, Feb. - May, 1971	1971
19710084711	AN/APX-83/V/ program, volume 1 Qualification test report	1971
19710084712	AN/APX-83/V/ program, volume 2	1971
19710084713	Electron optical study of domains in thin iron films	1971
19710084714	Antiparallel domains as biprisms for electron interference, 2	1971
19710084715	Determination of calcium and barium in refining additions to lubricating oils, their concentrates, and fresh oils containing additives, by complexometric titration	1971
19710084719	Design verification of the AMF Electrosystems Division inverter P/N MGE-130-200 Final report, 27 Jul. 1970 - 15 Apr. 1971	1971
19710084721	A buoy system for air-sea interaction studies - Buoy design and operation	1971
19710084723	Development and evaluation of techniques for achieving high surface accuracy in deployable parabolic antennas Final technical report	1971
19710084724	Production engineering measure for hybrid quartz filters, 10 MHz to 30 MHz Quarterly progress report, 24 Sep. - 23 Dec. 1970	1971
19710084725	Florida in Switzerland	1971
19710084726	Military applications of the laser effect	1971
19710084727	Measurement of metal hardening curves at high deformation velocities	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084728	Model investigations in drive systems for magnetic tape	1971
19710084729	Surface treatment and sensitization of semiconductor photocathodes Quarterly report, Jan. - Mar. 1971	1971
19710084730	Development of fluid elements in the institute of automatic control	1971
19710084732	High power transistor structures - 5 watts at 3.5 gigahertz Final technical report, 15 Dec. 1968 - 15 Sep. 1970	1971
19710084733	Sensor-address module development, phase 1 Final report	1971
19710084734	Production engineering measure for multi-electrode crystals 30-70 MHz. Type CR-XM-72/U and CR-XM-73/U Quarterly progress report, 1 Mar. - 31 May 1971	1971
19710084735	Toward a decision-making mechanism for housing -NASA-ASEE engineering systems design faculty fellowship program Administrative report, 7 Jun. - 20 Aug. 1971	1971
19710084739	Aerobee 150 NASA 4.237 Meteorological data report for 22 Jun. 1971	1971
19710084740	Aerobee 150 NASA 4.324 Meteorological data report for 14 Jun. 1971	1971
19710084741	A multi-scale research program in tropical meteorology Quarterly progress report, 1 Nov. 1970 - 31 Jan. 1971	1971
19710084742	Special tests on a 15 Hz TACAN system Interim report	1971
19710084743	Synthesis of counters with parallel triggered memory storage elements	1971
19710084744	Diagnostics of time dependent plasma by means of electric probes	1971
19710084745	The ZAM-41 performs data processing	1971
19710084746	Environmental sensitivity of structural metals - Liquid metal embrittlement Annual technical progress report, 25 June 1970 - 31 May 1971	1971
19710084747	Shuttle teleoperator systems human factors design requirements Progress report for Sep. 1971	1971
19710084748	Composite lines for space shuttle vehicle Monthly progress report, 27 Sep. - 24 Oct. 1971	1971
19710084749	Shuttle remote manipulator systems human factors design requirements Progress report, Oct. 1971	1971
19710084750	Liquid hydrogen turbopump rapid start program Monthly progress report	1971
19710084751	Design, testing, and general analytical effort for investigation of tandem row high head pump inducer Progress report, 1-30 Sep. 1971	1971
19710084754	Fiber-reinforced metal-matrix composites, 1969 - 1970	1971
19710084755	A human factors engineering design for the operator's cab of a turboshaft engine mobile test stand	1971
19710084756	Internal insulation system development Monthly technical progress report and schedule, Oct. 1971	1971
19710084760	Photochromic film display advanced development model Quarterly report, 1 Feb. - 30 Apr. 1971	1971
19710084761	Radioactive nondestructive test method Quarterly report	1971
19710084762	Adaptive AMTI radar techniques investigation Final report, 21 Jun. 1970 - 29 Jun. 1971	1971
19710084763	Apollo interface control document log	1971
19710084764	Isothermal forging of titanium alloy main landing gear wheels Interim progress report, 1 Apr. - 30 Jun. 1971	1971
19710084769	Beryllium-metal matrix composites compressor blade program Quarterly report, 30 Apr. - 31 Jul. 1971	1971
19710084770	High sensitivity color schlieren photography of hypervelocity models at DREV Hypersonic Range 5	1971
19710084771	LORAN reconnaissance targeting uncertainties from code matrix block use with the vertical KS-87B camera. Volume 2 - Photographic subsystem accuracy and total error analysis Interim report, Mar. - Jun. 1971	1971
19710084775	Research on microwave memory acoustic crystals Final report, 1 Dec. 1969 - 30 Mar. 1971	1971
19710084776	New ablative plastics and composites - Their formulation and processing Summary report, Feb. 1970 - Mar. 1971	1971
19710084777	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710084778	Wind tunnel tests of candidate configurations for improved law	1971
19710084779	Impact test of the terminal environment sensor for the FMU-63/B long delay fuze Final report, 16 Mar. - 7 Jul. 1971	1971
19710084780	Production engine report, T53-L-13B	1971
19710084781	Acoustic analysis of solid rocket motor cavities by a finite element method	1971
19710084782	AN/PPS-18 /XN-1/ ultra reliable radar Interim development report, 1-30 Jun. 1971	1971
19710084783	Reliable Advanced Solid-State radar /RASSR/ Quarterly report, 28 Feb. - 31 May 1971	1971
19710084796	Study of low gravity propellant transfer Monthly progress report, 1-31 Oct. 1971	1971
19710084797	Investigation of cryogenic rupture disc design Monthly progress report, 26 Sep. - 24 Oct. 1971	1971
19710084798	Rugged lightweight cables and cords Semiannual report, 1 Jul. 1970 - 30 Apr. 1971	1971
19710084801	Black Brant rocket AKF-IVA-18 launched at Churchill Research Range, 19 February 1971 Operations requirement no. 7014	1971
19710084802	Contribution to the statistical study of clear air turbulence Europe-Mediterranean area	1971
19710084803	France - Nuclear, missile, and space developments, no. 292	1971
19710084804	France - Nuclear, missile, and space developments, no. 293	1971
19710084806	Isothermal forging of titanium alloy bulkheads Interim engineering progress report, 1 Mar. - 31 May 1971	1971
19710084807	Study of low cost launch vehicle families for automated missions Monthly technical progress report, Oct. 1971	1971
19710084808	Study of operating characteristics and limitations of a liquid hydrogen tank pressurization system Monthly report, Oct. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084809	Calibration of one collimated light source Final report	1971
19710084811	Space shuttle auxiliary propulsion system design study Progress report, 1 Sep. - 1 Oct. 1971	1971
19710084814	USS Midway CVA-41 certification tests Final report	1971
19710084815	Image amplifier for FOCIA night camera Summary report, Jul. 1970 - Jun. 1971	1971
19710084816	A parametric study of the effects of static margin and ejector rack stations on F-4C aircraft Final report	1971
19710084817	Space communications Quarterly technical summary, 1 Mar. - 31 May 1971	1971
19710084821	Digital Capacitance Measuring System /DCMS-200/ Phase 1 report	1971
19710084822	Apollo interface control document log	1971
19710084823	Design, testing, and general analytical effort for investigation of tandem row high head pump inducer Monthly progress report, 1-31 Oct. 1971	1971
19710084824	Hydrogen-oxygen catalytic ignition and thruster investigation Quarterly progress report, 26 Jun. - 24 Sep. 1971	1971
19710084825	Ceramic awareness bulletin no. 29, July - August 1971	1971
19710084826	Space LOX vent system Monthly progress report, 29 Sep. - 29 Oct. 1971	1971
19710084827	Space shuttle auxiliary propulsion /APS/ valves Quarterly technical progress narrative, Sep. 1971	1971
19710084831	Noncontacting device to indicate deflection of turbopump internal rotating parts Monthly progress summary, Oct. 1971	1971
19710084832	Supersonic jet exhaust noise Monthly progress report	1971
19710084833	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation systems Monthly progress report, 1-31 Oct. 1971	1971
19710084834	Black Brant rocket AMD-VB-26 launched at Churchill Research Range, 26 January 1971 Operations requirement no. 7011	1971
19710084835	Black Brant rocket AKD-VB-27 launched at Churchill Research Range, 20 January 1971 Operations requirement no. 7012	1971
19710084836	Black Brant rocket AKF-IVB-24 launched at Churchill Research Range, 5 February 1971 Operations requirement no. 7006	1971
19710084837	Laser action and amplification in a CO2 atmospheric pressure volume discharge	1971
19710084838	Study program for improved diodes Final report, 16 Apr. 1969 - 31 May 1971	1971
19710084841	Design, fabrication and delivery of a frequency translator Final report	1971
19710084842	Some considerations on the use of sonic detectors for the measurement of projectile velocity	1971
19710084844	Manufacturing methods for surface integrity of machined structural components Interim technical report, 16 Apr. - 15 Jul. 1971	1971
19710084847	Category 3 equivalent operational test and evaluation of the F-111F /U/	1971
19710084848	Production engineering measure for 25 mm microchannel plate /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710084849	Passive Microwave Intercept Receiver Display /PMIRD/ improvement program /U/ Final report, Jun. 1970 - 29 Mar. 1971	1971
19710084855	Aircraft preliminary design study for the ATCS /Airborne Tactical Control System/ /U/ Final report	1971
19710084857	Remote terminal emulation - Preliminary investigations	1971
19710084859	Preliminary test data on notch noise loading of wide-band FM recorder/reproducers	1971
19710084865	Determine the effectiveness of air-to-air missiles against maneuvering targets /U/ Partial report, 13 Apr. 1966 - 26 Mar. 1967 and 12-14 Jan. 1971	1971
19710084870	Design and development of a brushless, direct-drive, solar array reorientation system, phase 2 Quarterly report, Aug. 1971	1971
19710084872	Exploratory development of advanced colloid thrusters Technical performance status report, 16 Jun. - 15 Jul. 1971	1971
19710084874	Investigation of the basic foundation of masers and lasers Semiannual status report, 1 Jan. - 30 Jun. 1971	1971
19710084875	Command service module/lunar module/orbital workshop, portable water specification and test procedures	1971
19710084876	Infrared reconnaissance of sea ice in late summer	1971
19710084907	Reducing the drag of supersonic missiles by heating the wake	1971
19710084908	Manufacturing methods for casting large, close tolerance titanium shapes for aircraft structural applications Interim engineering report, 16 Nov. 1970 - 15 May 1971	1971
19710084909	A photoelectric microcator capable of rapid measurement	1971
19710084922	Category 3 equivalent operational test and evaluation of the F-111D/MK-II /U/	1971
19710084931	Low frequency 3, data analysis. Volume 1 /U/	1971
19710084932	Low frequency 3, data analysis. Volume 3 /U/ Final report	1971
19710084934	A model for the study of airspace utilization by Naval and Coast Guard surface units /U/	1971
19710084938	Vulnerability characteristics of the helicopter suction-boost fuel system /U/	1971
19710084939	Altitude performance of the F100-PW-100 turbofan engine phase 2. Performance, windmill starting, shaft power extraction, and inlet distortion /engine S/N FX203-12/ /U/	1971
19710084947	EAD/RDP study /U/ Final report	1971
19710084948	Radar set AN/TPS-58 "ET/ST" /U/ Quarterly progress report, 1 Feb. - 30 Apr. 1971	1971
19710084952	Internal capsule for remote stimulation or physiological monitoring of porpoises /U/ Interim report, 1969 - 1970	1971
19710084953	Aluminum hydride sample surveillance /U/ Final technical report, 15 Apr. 1970 - 15 Apr. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710084957	Detector arrays for use at 145 K /U/ Final technical report, 9 Jul. 1970 - 4 Mar. 1971	1971
19710084958	Normal mode computation of propagation loss for an arbitrary number of layers /U/ Research and development report, Apr. 1967 - Nov. 1970	1971
19710084959	Development and test of a highly energetic AlH ₃ difluoramino propellant /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710084960	Studies in fundamental chemistry of fuel cell reactions Quarterly report, 1 Apr. - 31 Jun. 1971	1971
19710084962	Performance evaluation of IR/Scoring BQM-34F wing tip pod Final report, 2 Mar. 1970 - 6 May 1971	1971
19710084963	General surveillance of the delay cartridge Mk 87 Mod 0	1971
19710084964	TACAN air-to-air bearing status and techniques	1971
19710084966	The development of high temperature stable polyimide structural adhesives Technical report, 1 Jul. 1968 - 30 Jun. 1969	1971
19710084967	Evaluation of the trash rocket concept Monthly status report, period ending 31 Oct. 1971	1971
19710084968	Experimental system, and its evaluation for the control of surgically induced infections Monthly progress report, 27 Sep. - 24 Oct. 1971	1971
19710084969	Investigation of superconducting interactions and amorphous semiconductors Quarterly report, 1 Jul. - 30 Sep. 1971	1971
19710084970	Thermal performance of multilayer insulation Quarterly activity report, 23 Jun. - 30 Sep. 1971	1971
19710084971	Aging and surveillance testing of a Minuteman LGM-30F Stage 2 rocket motor at simulated pressure altitude /motor S/N 806709, designation 52MS-6/ Final report, 2 Jun. 1971	1971
19710084972	Production quality assurance testing of a Minuteman 3 LGM-30G Stage 2 rocket motor at simulated pressure altitude /motor S/N PQAG-50/ Final report	1971
19710084973	High temperature thermally stable greases, part 3 Final report, 1 Mar. 1970 - 1 Jun. 1971	1971
19710084976	Investigation of propellant flow control system Quarterly technical progress narrative, Jul. - Sep. 1971	1971
19710084978	AH-1J combat evaluation /U/ Final report, 21 Aug. 1970 - 2 May 1971	1971
19710084981	LASL Rover program /U/ Quarterly status report, period ending 31 May 1971	1971
19710084984	SNAP reactor programs /U/ Progress report, Feb. - Apr. 1971	1971
19710084985	Findings of the SNAP Developmental Reactor /S8DR/ post-test examination /U/	1971
19710084987	Lightweight, low-ballistic coefficient, radioisotope fueled capsule prototype development program. Supplement A vent design and analysis /U/ Final report	1971
19710084992	Developmental investigation of the general technical services free body inertial sensor /U/ Final report	1971
19710084996	Advisory group on electron devices for fiscal year 1971 /U/ Annual report	1971
19710084997	FLIR/Cheyenne weapon compatibility test /U/ Final report, 25 Sep. - 7 Oct. 1969	1971
19710085004	Development of high temperature resistant materials for use in Naval ordinance /U/ Final summary report, 4 Jul. 1970 - 4 Jul. 1971	1971
19710085005	Ferrocene curing agents /U/ Research report, 1 Jul. 1969 - 30 Jun. 1970	1971
19710085007	F-111 boron horizontal tail ground vibration test and final flutter analysis	1971
19710085008	Simulated altitude performance of five Thiokol Chemical Corporation TE-344 Titan 2 retromotors having ages from 98 to 103 months Final report, 1-3 Jun. 1971	1971
19710085009	The hybrid system MEDA-Hybrid 1 and its possible applications	1971
19710085015	Investigation of airborne wind sensing systems, part 2 /U/ Final report	1971
19710085018	Small turbine engine technology program review /U/ Status report, Jan. - Jun. 1971	1971
19710085021	Calculations on the detection of ELF electromagnetic fields scattered by a submarine /U/	1971
19710085026	Synthesis of thermally stable high density and high energy plasticizers /U/ Final report, 1 Mar. 1970 - 1 Jun. 1971	1971
19710085028	Acoustic linear design and demonstration /U/ Final report, 15 Nov. 1968 - 30 Apr. 1971	1971
19710085030	Minuteman materials response to a five-size, five-velocity pebble environment, test 4 /Holloman AFB sled test no. 33Q-C4A/	1971
19710085031	Development of photocathodes composed of 3-5 semiconductor materials Final report, 20 Jul. 1970 - 20 Jun. 1971	1971
19710085032	Three theoretical investigations of turbulent jets. Part 1 - A momentum line hypothesis for free turbulence shear flows. Part 2 - A note on axisymmetric turbulent jets. Part 3 - A logarithmic trajectory for round isothermal jets discharging perpendicularly into cross streams	1971
19710085033	Production engineering measure for beam lead tantalum thin film capacitors Quarterly report, 29 Jan. - 30 Apr. 1971	1971
19710085034	Generators of increased frequency with variable poles and electromagnetic induction	1971
19710085041	Detector evaluation /U/ Annual report, 1 Jul. 1970 - 30 Jun. 1971	1971
19710085044	AN/BQS-13 performance/operation manual active sonar /U/	1971
19710085045	Electron beam plasma modulation Final report, Mar. 1967 - May 1971	1971
19710085046	Evaluation of type 9304 microelectronic circuit, full adder dual, manufactured by ITT second source for SCN 310106	1971
19710085047	Production engineering measure. Computer aided design system for linear integrated circuits	1971
19710085048	Performance of the Thiokol TE-M-364-4 motor /S/N E8/ in the spin mode at simulated altitude conditions /development, phase 3/ Final report	1971
19710085049	Introduction to the hydrodynamics of porous bodies	1971
19710085051	On the thermal conversion of vapor-deposited copper-phthalocyanine-films	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085053	Corrosion inhibitors and mechanism of their action	1971
19710085054	Main results of the Hungarian geodetic instrument development and fabrication	1971
19710085055	A materiel selection process for choosing preferred small electric power sources. Volume 1 - Main report	1971
19710085056	A materiel selection process for choosing preferred small electric power sources. Volume 2 - Appendixes	1971
19710085058	Precise measurement of photographic coordinates utilizing edge information Final report	1971
19710085063	Dispersion relations for the vertex-function from local commutativity. 2 - Two- dimensional dispersion relations	1971
19710085065	X-band integrated circuit solid state pulsed oscillator, CVD project VX 7180 Annual report, 1970	1971
19710085069	The evaluation of equilibrium constants and extinction coefficients from electronic absorption spectra	1971
19710085071	Evaluation of the scanning electron microscope as a calibrated instrument	1971
19710085072	Vision loss from windshield tinting in a night visual flying accident	1971
19710085073	Scanning electron microscopy studies in the development of magnetic rubbers	1971
19710085074	Ionization rate in carbon dioxide laser gas mixtures	1971
19710085075	Preliminary air pollution engineering survey - Camp Drum, Watertow, New York	1971
19710085076	Development of concepts for a structural module for Air Force construction Technical report, Mar. 1970 - Jul. 1971	1971
19710085077	Sum rules for the matrix elements corresponding to the scalar three-point function	1971
19710085078	Scientific and industrial developments in China	1971
19710085082	Ice summary and analysis, 1969 - Eastern Canadian seaboard	1971
19710085083	Sum rules for the vertex function from local commutativity. 1 - Relations for the vacuum expectation values /the coordinate space vertex function/	1971
19710085084	Dispersion relations for the vertex function from local commutativity. 1 - One- dimensional dispersion relations	1971
19710085088	Prediction of endurance times for men wearing the UK CB suit no. 1, mk 1 in hot conditions	1971
19710085089	DRB aviation medical research unit reports, volume 1, 1964 - 1968	1971
19710085095	Pure tantalum anodes Quarterly report, Jul. - Dec. 1970	1971
19710085101	Events JORUM through HANDLEY - Analysis of structural response data	1971
19710085108	Black Brant rocket AAD-2A-124 launched at Churchill Research Range, 13 January 1971	1971
19710085117	Subjective geographic distance - A multidimensional comparison	1971
19710085120	Nonlinear mechanical response of real materials. 7 - On the formulation of rheological equations of state	1971
19710085122	Solid state pulse oscillator with integral modulator. Study report on VX 7184	1971
19710085128	Studies on the determination of the geoid form and the determination of sea level elevations from vertical angles	1971
19710085129	Accuracy of gravity survey	1971
19710085131	Admiralty baffle research panel. Part 7 - Scattering by a screen with local inertia Final report	1971
19710085132	Moored current meter records, MEDOC 1969, Discovery Cruise 25, January-March 1969, NIO Moorings 028-037	1971
19710085134	Biophysics of acclimatization to wet heat Final report	1971
19710085135	An experimental investigation on the stability of bridges underslung from a helicopter	1971
19710085136	Double injection electroluminescence in anthracene Progress report, 1 Oct. 1970 - 15 Apr. 1971	1971
19710085137	Preproduction testing of diver's non-return valve containing Kepner Products cartridge insert Final evaluation report	1971
19710085138	Effect of chronic hypoxia upon the circulation Final report, 1 Jul. 1962 - 31 Dec. 1968	1971
19710085139	Remarks of the tellurometer measurements in the Austrian first order net	1971
19710085142	The decay of arsenic 80	1971
19710085143	Spectrometers sensor investigation Final report	1971
19710085144	Membrane runway troop trial at upavon GALLOPS, 1970, Ex Galloping Major	1971
19710085145	RRS discovery cruise 33 report April - May 1970. Dsdp site surveys and geology and geophysics around King's Trough	1971
19710085147	Helic TEA-CO2 lasers	1971
19710085148	Study of deep flaws in weldments of aluminum and titanium Monthly progress report, 1-31 Oct. 1971	1971
19710085149	Study of three dimensional boundary-layer problems Final report	1971
19710085150	Study of structural active cooling and heat sink systems for space shuttle Progress report, 28 Sep. - 28 Oct. 1971	1971
19710085151	Long life high reliability thermal control systems study Monthly report, 1 Oct. - 31 Oct. 1971	1971
19710085152	Infrared spectra of molecules and materials of astro physical interest Quarterly progress report, 15 Jun. - 15 Sep. 1971	1971
19710085153	The influence of explosive peening on the fatigue properties of cruciform weldments in a maraging steel, Fortiweld and an Al-Zn-Mg alloy	1971
19710085154	Synthesis of energetic oxidizers by radiation techniques Final technical report, 1 Apr. 1969 - 31 Dec. 1970	1971
19710085155	Preliminary air pollution engineering survey no. 21-040-71, military ocean terminal, Sunny Point Southport, North Carolina, 20 May 1971	1971
19710085159	An electrostatic feedback transducer for measuring very low differential pressures	1971
19710085160	Carbon fibers from 3 denier polyacrylonitrile textile fibres	1971
19710085161	The manufacture of aeroelastic models using glass reinforced plastics	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085162	Some observations on the effect of bang type noises on laying birds	1971
19710085163	The effect of thermal radiation on thermocouple accuracy	1971
19710085164	A dual resonance model for the kaon/minus/ kaon/plus/ proton antineutron pion/minus/ system with application to the reaction kaon/minus/ proton yields kaon/minus/ pion/plus/ neutron at incident momenta from 1.33 to 11.2 GeV/c	1971
19710085166	The rearrangement ion /C8H7N//plus/ in the mass spectrum of quinoline N-oxide and some isomers	1971
19710085167	Composite tanks with load sharing liners Monthly progress report, 1-31 Oct. 1971	1971
19710085169	The development of the multiple charge canister	1971
19710085174	Facility measuring and hazards monitoring support of Cryo-2 special tests	1971
19710085175	Progress report, 1 June - 31 August 1971	1971
19710085176	A study of the application of modal suppression to flutter control Semiannual status report, 1 Apr. - 31 Sep. 1971	1971
19710085177	RRS DISCOVERY Cruise 37, 25 November - 10 December 1970 - Equipment and methods in Biscay area	1971
19710085179	Attendance at the Second IFAC Symposium on fluidics	1971
19710085180	Annual report, 1 January - 31 December 1970	1971
19710085182	Investigations of various unfolding methods for neutron spectroscopy	1971
19710085183	Event dial pack telluric potential measurements	1971
19710085184	A simple small particle dispenser	1971
19710085185	Independent reliability support program for the Orbiting Solar Observatory-H /OSO-H/	1971
19710085186	Space cell test program Monthly progress report	1971
19710085188	Study on integration of silver-zinc battery improvements Final technical report, 19 Jun. 1968 - 31 Mar. 1971	1971
19710085191	Black Brant rocket ADD-VB-24 launched at Churchill research range, 22 January 1971	1971
19710085192	Sum rules for the vertex function from local commutativity. 2 - Relations for the casual boundary values in momentum space	1971
19710085208	Modular space station, Phase B extension Third quarterly review	1971
19710085209	Hydrogen-oxygen catalytic ignition and thruster investigation Monthly progress report, 25 Sep. - 22 Oct. 1971	1971
19710085211	Sensor survey to update and expand the computer-based library of instrument resumes Final report	1971
19710085213	Payload effects follow-on study Monthly progress report	1971
19710085214	An assessment of ytterbium-169 for industrial radiography	1971
19710085215	Research, 1971	1971
19710085216	Experiment definition study and model testing for orbiting radio telescopes, part 1 Final report	1971
19710085217	Experiment definition study and model testing for orbiting radio telescopes, part 2 Final report	1971
19710085218	Mass spectrometry of heterocyclic compounds	1971
19710085220	France - Nuclear, missile, and space developments, no. 291	1971
19710085221	An application of the electron beam fluorescence probe in hyperballistic range wake studies	1971
19710085222	Monte Carlo simulation of correlated errors	1971
19710085223	AV-8A /Harrier/ pylon modification Final report, 1 Jul. - 10 Aug. 1971	1971
19710085224	Epitaxial film formation	1971
19710085225	FORTTRAN subroutines for conversion of CalComp plot programs to Gerber plotter paper tape punching Final report	1971
19710085226	Investigation to develop a high strength eutectic for aircraft engine use Final report, 1 Aug. 1970 - 31 Jul. 1971	1971
19710085227	Experimental study of advanced manned interceptor configurations. Volume 1 - Summary /U/ Final report, 1 Mar. 1970 - 30 Jun. 1971	1971
19710085228	Experimental study of advanced manned interceptor configurations. Volume 2 - Aerodynamic analysis /U/ Final report, 1 Mar. 1970 - 30 Jun. 1971	1971
19710085229	Experimental study of advanced manned interceptor configurations. Volume 3 - Thermodynamic analysis /U/ Final report, 1 Mar. 1970 - 30 Jun. 1971	1971
19710085234	Production engineering measure for a 25 mm fiber optic image inverter plate /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710085235	Analysis of combat damage on UH-34D helicopters in Vietnam, 1962 through 1968 /U/	1971
19710085237	Conduct an operational evaluation of the Command Active Sonobuoy System /CASS/, phase 2 /U/ Partial report no. 1	1971
19710085239	Conduct an operational evaluation of the P-3C weapons system /U/ Partial report no. 1	1971
19710085244	OT and E of F-4 ROLL Command Augmentation System /ROLL CAS/ with rudder crossfeed /U/ Final report, 2 Feb. - 17 May 1971	1971
19710085245	Analysis of combat damage on CH-53A and HH-53B helicopters in Southeast Asia /1967 through June 1969/ /U/	1971
19710085246	Production monitoring tests of Sidwinder AIM-9G missile MK 18 Mod 2 guidance and control group lots 6 and 7 /contract N00019-68-C-0164/ /U/	1971
19710085247	Production monitoring tests of Sidwinder AIM-96 missile MK 18 Mod 2 guidance and control group lots 1 and 5 /contract N00019-69-C-0056/ /U/	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085249	Production engineering measure for 18 mm fiber optic inverter plate /U/ Quarterly progress report, 13 Nov. 1970 - 13 Feb. 1971	1971
19710085250	Evaluation of personnel and training requirements for the EA-6B aircraft /U/	1971
19710085251	Evaluation of manpower requirements for the ASTACS /Air Anti-submarine Warfare Tactical Support system/ VP /patrol squadron/ TSC /Tactical Support Center /U/ Final report	1971
19710085252	AN/AVD-2 laser /U/ Final report, 28 Jul. - 18 Dec. 1970	1971
19710085255	Test and evaluation of the Cardion Covert Optical Detection system /COD/ /C/ Final report	1971
19710085257	High-temperature electrochemical research in metallurgy Semiannual report, 1 Oct. 1970 - 31 Mar. 1971	1971
19710085260	Quarterly progress report for NASA grant NGR-31-001-146 to Princeton University, 1 August 1971 - 1 November 1971	1971
19710085261	Surface properties of thermionic electrodes Quarterly status report, 1 Aug. - 31 Oct. 1971	1971
19710085262	A unified metabolism detector for Mars - A new approach developed from research on extraterrestrial life detection by enzymatically induced exchange of O-18 Quarterly status report, 6 Aug. - 5 Nov. 1971	1971
19710085263	Spacecraft cell testing program Monthly status report	1971
19710085264	Instructions for loading and operating SUU-44/A flare dispenser as sonobuoy launcher	1971
19710085265	Corrosion and transport processes in cracks	1971
19710085266	Sud Aviation - Towards a new generation of rotary wing aircraft	1971
19710085267	Radar system design	1971
19710085271	Design criteria for inert or consumable polymer cartridge materials	1971
19710085272	B-57G category 2 test /B-57G AN/APQ-139 radar test/ Final report, 17 Feb. - 30 Jun. 1971	1971
19710085273	Manufacturing methods and technology measure. Ultraprecision integrated circuit photomasks Quarterly progress report, 1 Feb. - 30 Apr. 1971	1971
19710085274	Development of long life, high capacity Vuilleumier refrigeration system for space applications Interim report, 15 Sep. 1970 - 1 Mar. 1971	1971
19710085275	X band constrained lens radar antenna Final report, Jun. 1970 - Jun. 1971	1971
19710085276	The mechanisms of the thermal decompositions of solid cobalt/3/ ammine azides	1971
19710085277	Aircrew fragmentation vests Final report	1971
19710085278	Department of Biological Sciences half-year report, 1 May - 1 Nov. 1971	1971
19710085279	France - Nuclear, missile, and space developments, no. 295	1971
19710085280	Thermodynamic properties of hydrogen and oxygen Monthly status report, period ending 10 Nov. 1971	1971
19710085281	Firearms with silencers	1971
19710085282	France - Nuclear, missile, and space developments, no. 294	1971
19710085284	Manufacturing methods program - Argon lasers Quarterly report, 1 Mar. - 1 Jun. 1971	1971
19710085285	Apollo 12 lunar material - Effects on plant pigments	1971
19710085286	Apollo 12 lunar material - Effects on lipid levels of habituated tobacco tissue cultures	1971
19710085287	Optimum detection of radar signals	1971
19710085288	Silicate treatment to inhibit corrosion of hot, potable water systems, phase 1 Technical report, Mar. 1969 - Dec. 1970	1971
19710085289	Manufacturing method and technology measure for single side-band quartz crystal unit CR-/XM-74//U Quarterly report, 30 Dec. 1970 - 31 Mar. 1971	1971
19710085290	Advanced CMOS circuit techniques Final report, 1 Apr. 1970 - 31 Mar. 1971	1971
19710085291	Self evacuating multilayer insulation for space shuttle vehicles Progress report, 1-31 Oct. 1971	1971
19710085292	Minuteman materials response to crushed granite pebbles at velocities to 4135 feet per second - Test 6 /Holloman AFB Sled Test No. 33Q-C5A/	1971
19710085293	Minuteman materials response to 1/4 inch and 3/8 inch pebbles at 3523 feet per second - Test 1 /Holloman AFB Sled Test No. 33Q-B1/	1971
19710085295	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle Monthly progress report, 1-31 Oct. 1971	1971
19710085296	Effect of environment on insulation materials Monthly technical progress report, 1-31 Oct. 1971	1971
19710085297	Spinning disk aerosol generators for small quantity particle production Technical report, Jun. - Dec. 1970	1971
19710085298	Airborne UHF telemetry package, afile test pod Technical publication, Aug. 1970 - Apr. 1971	1971
19710085299	A method for the chemical analysis of misch metal	1971
19710085300	An examination of an iterative procedure for determining the characteristic exponents of linear differential equations with periodic coefficients	1971
19710085301	Athena H AVE stress analysis. Volume 3 - Addendum a - Alternate payload support adapter	1971
19710085302	Athena H AVE stress analysis. Volume 3 - Addendum B - APSA payload peculiar hardware	1971
19710085303	MM 3 RS - MK 12 RV category 1 ground test program Final summary report, 1964 - 1971	1971
19710085304	Explosive ordnance test report - GPEO 8 Avco ordnance transfer assembly development testing Final test report	1971
19710085305	Investigation of surface wave diffraction delay lines Final report	1971
19710085306	Netherlands list of preferred and guidance types of electronic parts for military use	1971
19710085308	Composite tanks with load sharing liners Monthly progress report, 1 - 31 Oct. 1971	1971
19710085309	Two-phase oxygen inducers Quarterly progress report	1971
19710085310	Semiannual status report on NASA grants NGL-05-002-007 and NGL-05-002-207, 1 Apr. - 30 Sep. 1971	1971
19710085311	Mechanism of the photovoltaic effect in II-VI compounds Progress report, 1 Jul. - 30 Sep. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085312	Structure-property relationships in polyimides Semiannual status report, 1 Mar. - 1 Sep. 1971	1971
19710085313	Infrared absorption and light scattering spectra of lunar materials Semiannual report, 1 Feb. - 21 Aug. 1971	1971
19710085314	Determination of the distribution and relative isotopic chemical abundances of gaseous constituents from the lunar samples with a laser microprobe mass spectrometer Semiannual progress report, 1 Feb. - 31 Jul. 1971	1971
19710085315	A note on the structure of adiabatic shear bands in steel	1971
19710085316	Calculations of the flow over thick, conical, slender wings with leading edge separation	1971
19710085317	The weathering of polyolefins	1971
19710085318	The effects of re-solution treatment and overheating on the fatigue properties of DTD 683/3 aluminum alloy bar	1971
19710085319	A practical manual for the perfect resonator	1971
19710085320	Measurement technique for O2 deactivation rates /1 Delta g/	1971
19710085321	Feasibility study on a multiple helix traveling wave circuit - X-band Final report	1971
19710085322	Avalanche Diode Amplifier development Final technical report, 15 Jun. 1969 - 5 Mar. 1971	1971
19710085323	LSI correlator Quarterly report, 1 Jun. - 31 Aug. 1971	1971
19710085324	Development and qualification of initiator, propellant actuated, XM111 and initiator, propellant actuated, XM112	1971
19710085326	High power MOS transistors Annual report on CVD research project RP4-68	1971
19710085327	Thin p-i-n structures in silicon Annual report on CVD research project RP4-66	1971
19710085328	Study of avalanche diodes as microwave oscillators at Q-band Annual report on CVD research project RP4-65	1971
19710085329	Fluid dynamic and heat transfer problems of modern air breathing propulsive system Quarterly status report, 1 Jul. - 30 Sep. 1971	1971
19710085352	Minuteman Environmental Sced Test No. 9 - AVCO ten-inch diameter cone /Holloman AFB Sled Test No. 33Q-D2/	1971
19710085353	Chemical vapor deposition of IR materials Final technical report, 4 May 1970 - 4 May 1971	1971
19710085354	Cable system analysis. Volume 1 - Network analysis Technical report, 8 Aug. - 15 Oct. 1970	1971
19710085355	A laboratory study of radiation effects on electric field sensors Technical report, 16 May 1969 - 23 Jun. 1971	1971
19710085356	Millimeter wave communications program - High speed digital transmission design study radio set AN/GRC-173 /XW-1/ Final technical report, 22 Dec. 1969 - 22 Dec. 1970	1971
19710085357	Development of quality control standards for organic matrix composites Progress report	1971
19710085358	Mechanism of combustion of encapsulated ingredients	1971
19710085359	High voltage electron microscopy of lunar samples Semiannual progress report, 1 Feb. - 31 Jul. 1971	1971
19710085360	Annual review of research and advanced development, 1 July 1970 - 30 June 1971. Volume 1 - OART	1971
19710085361	Annual review of research and advanced development, 1 July 1970 - 30 June 1971. Volume 1 - OSSA	1971
19710085362	Annual science review, 1 July 1970 - 30 June 1971	1971
19710085363	A-7D SAR evaluation /U/ Final report	1971
19710085364	A-37/ov-10 SAR evaluation /U/ Final report, May - Jun. 1971	1971
19710085369	Design of an experimental development multiple rotation gyroscope /U/ Technical report, 15 May 1968 - 15 Feb. 1971	1971
19710085372	APAM bomblet aeroballistics program /U/ Technical publication, Dec. 1967 - Dec. 1970	1971
19710085373	Wind tunnel investigation of a forward located Jet Attitude Control System /JACS/. Volume 1 - Program summary /U/ Technical publication, Jun. 1970 - Feb. 1971	1971
19710085374	Light Observation Helicopter Avionics Package /LOHAP/ /U/	1971
19710085382	Research on radar absorbing material /U/ Final report	1971
19710085383	Environmental factors regulating circadian rhythms in phaseolus leaves	1971
19710085401	A feasibility study of active landing gear Final report, 1 Oct. 1969 - 1 Aug. 1970	1971
19710085402	Biological effects of electromagnetic radiation - A bibliography	1971
19710085403	Static aircraft wheel load tests on fiberglass reinforced polyester expedient pavement systems Technical report, Nov. 1968 - Apr. 1971	1971
19710085404	Experimental investigation of combustor effects on rocket thrust chamber performance Quarterly report, period ending 1 Nov. 1971	1971
19710085405	A study of the structural behavior of thin films Bimonthly letter report, 27 Aug. - 26 Oct. 1971	1971
19710085406	Investigation of propellant flow control system Monthly technical progress report, Oct. 1971	1971
19710085407	Property Determination of Sprayed Coatings Monthly Technical Progress Report	1971
19710085408	Annual 9th OCD Fire Research Contractors meeting	1971
19710085411	Determination of the effect of tensile strain on the dynamic moduli of some polymeric materials	1971
19710085412	Handbook for the engineering structural analysis of solid propellants	1971
19710085413	High voltage switches with vacuum arc quenching	1971
19710085414	Program requirements document for the AN/TPN-19 landing control central	1971
19710085415	The program compatibility problem	1971
19710085416	Aging and surveillance testing of a Minuteman LGM-30F Stage 3 /M57A1/ motor at simulated pressure altitude /Motor S/N 0032971/ Final report, 22 Jul. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085417	The application of sparse matrix techniques to logistics related linear programming problems	1971
19710085418	Cost optimism - An outgrowth of the defense industry environment	1971
19710085419	Compatibility test of the SUU-20B/A on the F-105 aircraft /SEEK EAGLE/ Final report, 23 Jun. - 3 Aug. 1971	1971
19710085420	Project ALARR phase D, improved recovery units Technical report, Jul. 1966 - Jun. 1967	1971
19710085421	Mathematical terrain modeling Final report	1971
19710085422	Minuteman environmental sled test no. 5 - Avco ten inch diameter cone, Holloman AFB sled test no. 33Q-D1	1971
19710085423	Relating klystron tube reliability to demand forecasting through an application of the Markov process	1971
19710085424	An analysis of the educational requirements of a wing level chief of aircraft maintenance in the disciplines of production management, communicative skills, and statistics	1971
19710085425	Production engineering measure multistage solid state power amplifiers Quarterly progress report, 6 Jan. - 5 Apr. 1971	1971
19710085426	A proposed simulation to forecast jet engine maintenance removals	1971
19710085427	A mathematical programming approach to scheduling in multi-period production systems	1971
19710085429	An investigation of the revised planning, programming, budgeting system in the Department of Defense	1971
19710085430	Meteorological support study for LRC laser radar program	1971
19710085431	Engineering flight test, AH-1G /Huey Cobra/ helicopter autorotational entry characteristics Final report, 4 Aug. 1970 - 23 Apr. 1971	1971
19710085432	The problem concerning the combination of metal cooled nuclear reactors with MHD generators	1971
19710085433	Into space with an electrostatic ion engine	1971
19710085434	Experimental and analytical studies of reflecting shock waves in a real gas Final report	1971
19710085435	Extended testing of the MSC water recovery hardware Progress report for Oct. 1971	1971
19710085437	Test and evaluation of the Beseler 35mm Negatrans	1971
19710085438	Minuteman ground electronics systems, WS-133 AM/WS-133B, model specification, keyboard-printer set, figure A	1971
19710085439	A systems approach to cost minimization employing a mixed integer programming model	1971
19710085441	A statistical reference for use in digital area correlation Technical report, Mar. - Jun. 1971	1971
19710085443	Research and development on discontinuous fiber reinforced light alloys Quarterly technical report, Mar. - Jun. 1971	1971
19710085444	A unifying approach to the evaluation of correlation functions, scene potential, and scene sensitivity for digital map matching	1971
19710085445	An analysis of how Air Force Responsibility Center financial managers at the wing/base level are performing their responsibilities under Project PRIME	1971
19710085446	An analysis of the causes of redistribution order denials in the Air Force recoverable assembly management system	1971
19710085447	Theoretical investigation of the constitution of the moon and planets Semiannual report, 1 Jan. - 30 Jun. 1971	1971
19710085448	Apollo 15 space vehicle data evaluation guide	1971
19710085449	Empirical evaluation of pump inlet compliance	1971
19710085450	Semiannual progress report for the period 31 December 1970 to 1 July 1971	1971
19710085451	Program for establishing longtime flight service performance of composite materials in the center wing structure of C-130 aircraft Quarterly progress report, Aug. - Oct. 1971	1971
19710085452	Solid state amplifier Final report, 1 Jun. 1970 - 30 Jun. 1971	1971
19710085455	An analysis of possible improvements in the staffing of System Program Offices	1971
19710085456	An analysis of contextual factors pertinent to the design of performance aids for USAF ground communications, electronics, meteorological /CEM/ equipment maintenance	1971
19710085457	The impact of aircraft type on material handling equipment requirements	1971
19710085458	C-5A ground-flotation tests on a landing mat runway /civil engineering support/ Technical report, Aug. 1970 - Mar. 1971	1971
19710085459	The mechanism of the dissolution of gallium arsenide	1971
19710085460	An automated cost accounting system to aid in aerospace research laboratory project level decision-making	1971
19710085461	The beneficial influence of additives in sockets made of plastic material on the temperature field in lubricant films	1971
19710085462	Metal tank fracture and design criteria Monthly progress report, 1-31 Oct. 1971	1971
19710085463	Advanced space program analysis and planning Monthly progress report for Oct. 1971	1971
19710085464	Description of modules used in processor, radar, direction finding MX8898/XAN-1//A processor, bistatic radar signal MX8901/XAN-1//A and processor group, radar video AN/APA-173/XAN-1/, volume 1	1971
19710085465	Description of modules used in processor, radar, direction finding MX8898/XAN-1//A processor, bistatic radar signal MX8901/XAN-1//A and processor group, radar video AN/APA-173/XAN-1/, volume 2	1971
19710085466	Chatham 100 ampere blast cooled converter Final report, Mar. 1970 - May 1971	1971
19710085467	A review of the use of computer simulation to investigate scheduling and sequencing problems	1971
19710085468	A comparative study in the application of forecasting techniques for determining USAF conus outboard cargo airlift requirements	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085469	Comparison of major forging systems Final technical report, 1 Nov. 1966 - 22 Feb. 1971	1971
19710085470	C-141 prototype aircrew seat cushions Final report	1971
19710085471	Criteria and data for a reliability and maintainability information system	1971
19710085474	Status of Mk 88 /Poseidon/ module testing	1971
19710085475	Status of Mk 113 Mod 9 digital module testing	1971
19710085476	Status of Mk 88 /Poseidon/ module testing	1971
19710085477	Status of Mk 88 /Poseidon/ digital module testing	1971
19710085478	Reefing line cutter compatibility testing Technical report, 15 Apr. - 25 May 1971	1971
19710085479	GaAsP diode pumped Nd-YAG laser Final report, 23 Feb. 1970 - 28 Feb. 1971	1971
19710085480	GE TF39 maintainability demonstration Final report	1971
19710085481	Production engineering measure for integrated amplifier circuit XM596 Quarterly progress report, 16 Mar. - 15 Jun. 1971	1971
19710085482	Dc-electroluminescent flat panel display Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710085483	The melting point of ammonium perchlorate and the decomposition of perchlorates	1971
19710085484	Wear studies of electric-brush rotor systems marked with radioactive contact supplies	1971
19710085504	France - Nuclear, missile, and space developments, no. 297	1971
19710085505	Separation characteristics of the Pave Storm 1 and 2 from the F-4C aircraft at Mach numbers from 0.50 to 0.95 Final report	1971
19710085506	Report of test on reactor, power inductor, 0.8 mH, 25A, 154110, Zenith Transformer Company	1971
19710085507	Report of test on transformer, power, 30 400 Hz, step down, 154097, Zenith Transformer Company	1971
19710085508	Approximation of nonnegative functions with Fejer polynomials as a quadratic-programming problem	1971
19710085509	Absorption of five to six micron carbon monoxide laser radiation by water vapor	1971
19710085510	E-28 arresting gear deck pendant rollover tests with the F-4 aircraft Final report, 3 Apr. - 14 Jul. 1970	1971
19710085511	Characteristics of a gelled liquid hydrogen polyphenylene oxide /PPO/ foam open-cell insulation system Monthly progress report, 11 Oct. - 11 Nov. 1971	1971
19710085513	Navy optical test facility Final report, 24 Jun. 1970 - 30 Jul. 1971	1971
19710085514	Production engineering measure for improved cathode mix for electron tubes Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710085515	Terminal Homing missile/UH-1C helicopter electromagnetic radiation hazards and electromagnetic interference tests	1971
19710085516	First article tests of two, type MS90321-79, nickel-cadium battery cells, manufactured by Gulton Industries, Metuchen, New Jersey	1971
19710085517	EMC analysis of 407L TACS, HF, VHF, and UHF communications in West Germany	1971
19710085518	Risks due to lasers and resulting protective measures	1971
19710085519	Towed full-size maneuvering target concept feasibility study Final technical report, Aug. 1970 - Jan. 1971	1971
19710085521	Experimental MHD generator instrumentation and installation Final report, Mar. 1970 - Mar. 1971	1971
19710085523	Electroslag melted M-50 ausformed bearings Interim engineering progress report, 1 Feb. - 1 Sep. 1971	1971
19710085524	New materials and new design concepts for aircraft turbine engines	1971
19710085525	Production engineering measure. Final power output traveling wave tube Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710085526	Production engineering measure for solid-state avalanche photodetectors Quarterly progress report, 31 Mar. - 30 Jun. 1971	1971
19710085530	Mass spectrometry and inhomogeneous ion optics Status report, 1 Oct. 1970 - 31 Mar. 1971	1971
19710085531	Finite element shell instability analysis Progress report, 1 Jul. - 30 Sep. 1971	1971
19710085532	Fracture characteristics of structural aerospace alloy containing deep surface flaws Monthly progress report, 1-31 Oct. 1971	1971
19710085533	Production engineering measure on gating transistors Quarterly technical report, 18 Jan. - 18 Apr. 1971	1971
19710085534	A 5-kilowatt, 1-kilovolt, laminated sonar transistor Final engineering report, 1 Jan. 1969 - 1 May 1971	1971
19710085535	Development of devices for power conditioning applications Final report, 28 Jun. 1968 - 28 Jun. 1971	1971
19710085536	Status of MK 88 /Poseidon/ digital module testing	1971
19710085537	Performance characteristics of a 9.5 mile radio link at 15 and 35 GHz Technical report, 1 Feb. - 15 Jul. 1971	1971
19710085538	Developmental investigation of the Litton G-1200, Mod 2, vibragimbal gyro Final report	1971
19710085539	Flight evaluation of a wide field-of-view head-up display installed in a A-6A airplane Final report, Mar. 1970 - Jan. 1971	1971
19710085540	A 100-watt PEP insulated-gate field-effect transistor for operation from a 28-volt supply Final report	1971
19710085541	Small-signal amplification Interim technical report, 1 Feb. 1970 - 30 May 1971	1971
19710085542	System timing experiments for ICF	1971
19710085543	Fundamental response investigation of ballistic structures, Volume 1 - Structural response investigation, technical report, Jul. 1968 - Oct. 1970	1971
19710085544	Analysis of the method of characteristics for nonequilibrium, internal flows Final report	1971
19710085545	Space shuttle auxiliary propulsion /APS/ valves Thirteenth monthly technical progress narrative	1971
19710085546	Supersonic jet exhaust noise Monthly progress report	1971
19710085548	Spades, stress, wave propagation and dynamic effects in shells. Evaluation of the STACUSS 1 computer code Final report, Jun. - Nov. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085549	Spades, stress, wave propagation and dynamic effects in shells. AHCA structural response calculations Final report, Nov. 1970 - Apr. 1971	1971
19710085550	Qualification of module frame header assembly for standard hardware program	1971
19710085551	Status of Mk 88 /Poseidon/ digital module testing	1971
19710085552	AN/PPS-18 /XN-1/ ultra reliable radar Interim development report, 1-31 Aug. 1971	1971
19710085553	Study of spurious signal generation in microwave tubes, phase 2 Final technical report, 4 Mar. 1970 - 4 Jun. 1971	1971
19710085554	Avalanche diode sources and amplifiers Final report, 15 Jun. 1970 - 14 Jun. 1971	1971
19710085555	Aircrew fragmentation vests Final report	1971
19710085556	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal Quarterly report, 1 Jan. - 31 Mar. 1971	1971
19710085557	An assessment of the transparency demisting system in a combat aircraft	1971
19710085558	Soft ground arresting of civil aircraft - Scaled model VC 10 tests in graveland sintered fuel ash pellets	1971
19710085559	Models of reality and models of theories analyzed	1971
19710085560	Thermal Skin fabrication technology program Monthly report, 1-31 Oct. 1971	1971
19710085561	Fragment defeating capabilities of plastic armor Final technical report, Jan. - Jul. 1970	1971
19710085562	Practical PCM data transmission tests at 15.3 GHz under different atmospheric conditions Technical report, 1 Feb. - 6 Jul. 1971	1971
19710085563	Outsmarting MIL-F-8785B/ASG/, the military flying qualities specification Final report, Jun. 1969 - Aug. 1970	1971
19710085565	Status of Mk 88 /Poseidon/ module testing	1971
19710085566	Advanced study of video signal processing in low signal to noise environments Semiannual progress report, Dec. 1970 - May 1971	1971
19710085567	Space storable explosively actuated valves, Pyronetics model 1356 Monthly progress report, 30 Sep. - 28 Oct. 1971	1971
19710085568	High capacitance thin film structures Final report, 16 Mar. 1970 - 15 Mar. 1971	1971
19710085569	Special testing of radio receiver AN/GRR-23 Final report	1971
19710085570	Aerodynamic characteristics of the AFFDL FDL-8X lifting body at Mach numbers from 0.4 to 1.3 Final report	1971
19710085571	Employment test of the AN/ARC-154/V/ HF/VHF airborne transceiver Final report, 31 Mar. - 2 Jun. 1971	1971
19710085572	Technical evaluation of multiplexer unit for AN/UPX-23 Final report, Jun. - Jul. 1971	1971
19710085573	Temperature dependence of the collimation line of universal instruments	1971
19710085574	Flight Reference and Stabilization System /FRSS/ Final report, 1 Jul. 1964 - 15 Mar. 1971	1971
19710085577	Production engineering measure for improvement of techniques to increase the reliability for ceramic isolation capacitors for integrated circuits Quarterly report, 28 Jan. - 30 Apr. 1971	1971
19710085579	Feher Cycle turbopump tests Final technical report, 15 Mar. - 15 Jul. 1971	1971
19710085580	Special testing of oscilloscope AN/USM-117C Final report, Feb. - Jul. 1971	1971
19710085581	Solar cell radiation damage experiment Quarterly report, 28 Jun. - 27 Sep. 1971	1971
19710085582	A determination of the measurable, operational characteristics of information required by wing level maintenance management	1971
19710085583	Criteria to improve efficiency in Air Force equipment management system	1971
19710085584	Feasibility study of application of ground contact devices to air cushion vehicles, phase 2	1971
19710085585	Results of several XR-1B model tests in plotted form. Part 3 - Flush inlet data	1971
19710085586	Results of several XR-1B model tests in plotted form. Part 2 - Ram inlet data continued	1971
19710085587	Results of several XR-1B model tests in plotted form. Part 1 - Ram inlet data	1971
19710085588	Research in solar ultraviolet spectroscopy Semiannual status report, 1 Apr. - 30 Sep. 1971	1971
19710085589	Mark 11C Mod 6 Systems Engineering Evaluation Test number 3 /SEET 3/ Final test report	1971
19710085590	Fog and nuclei of condensation	1971
19710085591	Configuration development test and evaluation of the time temperature recorder and integrator for the F-8J/J57-P-420 engine Final report	1971
19710085593	Study of multilayered insulation pipe penetration Monthly progress report, 22 Oct. - 21 Nov. 1971	1971
19710085594	Research and deep hardening titanium alloy for large airframe structural members Interim technical report, 1 May - 31 Jul. 1971	1971
19710085595	Metallurgical analysis of -12 Ti 3Al 2 1/2v tubing failure during flexure testing	1971
19710085596	Use of deep tow to survey a submerged wreckage	1971
19710085597	Neutron Source Facility study /NUF/ Final report	1971
19710085598	Electronic scanning antenna	1971
19710085611	Technology for Low Cost Solid Rocket Boosters	1971
19710085612	Launch vehicle applications of advanced technology	1971
19710085613	Apollo propulsion systems development and flight experience	1971
19710085617	Development of the propulsion subsystem for the Mariner Mars 1971 orbiter spacecraft	1971
19710085619	Pyrolyzed materials nozzle	1971
19710085620	Long term storability of propellant tankage	1971
19710085621	Characterization and evaluation of prepolymers from large scale fractionation of HTPB	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085631	The Effects of Some Propellant Composition Variables on Acceleration Induced Burning Rate Augmentation of Solid Propellants	1971
19710085639	Evaluation of propellants for fuel-rich jet interaction control systems	1971
19710085641	Airborne aerosol measurements associated with clear air turbulence Progress report	1971
19710085642	Results of tensile testing of high energy absorbing recovery parachute cord configuration Technical documentary report	1971
19710085643	UH-1N, category 3 operational test and evaluation Final report, 9 Sep. 1970 - 28 Feb. 1971	1971
19710085644	Baseline noise measurements of Army helicopters. Volume 1 - Program study and field tests Final report	1971
19710085645	The longitudinal stability characteristics of an ogee wing of slenderness ratio equals 0.35	1971
19710085646	A gear wear detector	1971
19710085647	Application of numerical optimisation techniques to the preliminary design of a transport aircraft	1971
19710085648	Hercules C Mk 1 - Ultra low level airdrop of linked pairs of stores	1971
19710085649	SA 330 Puma Mk 1 helicopter - A flight assessment when carrying underslung loads	1971
19710085650	Vibration amplitudes produced in Saint David's Cathedral by Concorde sonic bangs	1971
19710085652	Attempted design of a slender wing with leading edge separation	1971
19710085653	Development of wind tunnels at the RAE	1971
19710085654	Boundary layer pressure fluctuations at high Reynolds numbers on a free flight test vehicle	1971
19710085655	TACSAT 2 terminal parameter study. Part 3 - An investigation of the effects on multiple PSK signals through a hard limiter Final report	1971
19710085657	TACSAT 2 terminal parameter study. Part 2 - UHF dual mode manpack Final report	1971
19710085658	The use of carbon fibre reinforced plastic stiffeners in aircraft compression panels	1971
19710085659	Some measurements of the internal performance of two half-axisymmetric air intakes with conical compression surfaces at Mach numbers between 1.8 and 2.5	1971
19710085661	Ice observations 1968 - Hudson Bay and approaches	1971
19710085662	Preliminary assessment of the possible utilization of hydrazine-air fuel cell system in the north	1971
19710085663	A single-channel remote-reading radiation monitor and alarm system	1971
19710085664	Incremental stretch forming Interim technical report, 1 Apr. - 31 Jul. 1971	1971
19710085665	Operation of the Tonto Forest Seismological Observatory Final report, 1 Jan. 1970 - 30 Jun. 1971	1971
19710085685	B-52/infrared guided bomb feasibility test /U/ Final report, 12 Oct. 1970 - 23 Jun. 1971	1971
19710085686	Effect of coarse and partial inertial alignment on A-7D bombing accuracy /U/ Final report, 7 Apr. - 24 May 1971	1971
19710085687	Aspects of microwave radiometric guidance for standoff air to surface missiles /U/	1971
19710085688	TF30-P-412 engine development /U/ Final technical report, 14 Mar. 1969 - 19 May 1971	1971
19710085705	The 08509 Honest John, missile no. 1867, round no. 609 RML /18 August 1971/ Meteorological data report	1971
19710085706	POGO instabilities suppression evaluation Monthly progress report, Nov. 1971	1971
19710085707	Study of low cost launch vehicle families for automated missions. Task 1 - Selection of best family Midterm report, 29 Oct. - 25 Nov. 1971	1971
19710085708	France - Nuclear, missile, and space developments, no. 296	1971
19710085709	Structural validation	1971
19710085710	Evaluative testing of CK05 and CD06 ceramic capacitors manufactured by Electro Materials Corporation /EMC/	1971
19710085712	Integrated target control system AN/USW-3/XN- 1/ /V/ Interim engineering report, 1 Apr. - 30 Jun. 1971	1971
19710085714	The 08509 Honest John, missile no. 331, round no. 610 RML /30 August 1971/ Meteorological data report	1971
19710085715	Reusable nuclear stage advanced structures study Monthly letter progress report, 26 Oct. - 25 Nov. 1971	1971
19710085716	Evaluation of the trash rocket concept Monthly status report, period ending 30 Nov. 1971	1971
19710085717	Internal insulation system development Monthly technical progress report and schedule, Nov. 1971	1971
19710085718	Empirical evaluation of pump inlet compliance Monthly status report	1971
19710085719	Evaluation of absorption cycle for space station environmental control system applications Monthly progress report, 28 Oct. - 27 Nov. 1971	1971
19710085720	Suppression of combustion oscillations with mechanical damping devices Monthly progress report, 1-30 Nov. 1971	1971
19710085721	Composite reinforced propellant tanks Monthly technical progress narrative, 2 Oct. - 2 Nov. 1971	1971
19710085728	Dual-mode single sensor development and optimization program Final report, 29 Jun. 1970 - 28 Jun. 1971	1971
19710085729	Electroreflectance. Part 1 - Electroreflectance and the semiconductor surface	1971
19710085730	Electroreflectance. Part 5 - Band- population effects in the electroreflectance spectrum of InSb	1971
19710085731	Special study of nonfiring test techniques for evaluating the accuracy of close-in air defense systems that employ optical trackers Final report, Oct. 1968 - Nov. 1969	1971
19710085733	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors Quarterly report, 9 Apr. - 8 Jul. 1971	1971
19710085734	Review of recent developments. Low temperature properties of metals	1971
19710085736	Radiometric techniques and models for photographic reconnaissance Final report	1971
19710085737	Power supply system for the product improved AN/APX-71 transponder	1971
19710085738	Remote Raman detection study instrument Quarterly progress report, 21 Dec. 1970 - 21 Mar. 1971	1971
19710085743	Review of recent developments - Corrosion and compatibility	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085744	Review of recent developments - Metals joining	1971
19710085745	Project Themis - Metal deformation processing Semiannual report, period ending Mar. 1971	1971
19710085749	A cascade jet logic element	1971
19710085750	TsAGI - The center of aeronautical science	1971
19710085751	The army management information system master plan - The army operations center system /TARMOCS/	1971
19710085752	The 12003 Little John, missile no. 3127, round no. 682 RO, 29 July 1971 Meteorological data report	1971
19710085753	The 11602 lance, missile no. 5130, round no. 121 RST, 4 August 1971 Meteorological data report	1971
19710085754	The processes employed to improve fuze pivot burnishing and gear deburring techniques	1971
19710085755	Design studies of CFA using samarium cobalt magnets Interim development report, 1 Feb. - 30 Apr. 1971	1971
19710085756	Improved high temperature solid film lubricants. Solid lubricant compact development Technical report, 15 May 1970 - 15 May 1971	1971
19710085757	Vela satellite program Final mission evaluation report, Jul. 1959 - Apr. 1971	1971
19710085758	Some problems of structural analysis of complex patterns	1971
19710085766	User's guide for economic indices updating program /Avionics equipment/ Phase report	1971
19710085767	The army management information system master plan - Usamc data banks /data banks/	1971
19710085768	The army management information system master plan - Resources Evaluation And Management System /REAMS/	1971
19710085769	Accelerated method for the determination of tool life	1971
19710085770	Development of inorganic composite antenna windows Technical management report, 1 Jun. - 1 Sep. 1971	1971
19710085771	Fuel cell energy conversion - A consideration of overall thermal efficiency	1971
19710085772	Carbon-based oxygen electrodes for metal-air batteries 1 - Experimental electrodes	1971
19710085773	Operation of a modular fast neutron spectrometer	1971
19710085774	Meteorological observations in Canada Monthly record, Feb. 1971	1971
19710085775	Canadian upper air data Monthly bulletin, Feb. 1971	1971
19710085776	Possible applications of digital recording to the free flight technique in short duration facilities	1971
19710085777	Manufacturing process for superalloy cast parts. Phase 1 - Fundamentals Final technical report, 1 Jul. 1965 - 31 Dec. 1970	1971
19710085778	TF34-GE-2 engine component qualification - Oil tank pressure test	1971
19710085779	Swirl burner combustion zone development program Final technical report, 1 Sep. 1970 - 16 Jul. 1971	1971
19710085780	Modification of a cartographic mapping camera from type T-11 to type KC-4B with automatic exposure control Technical report, May 1969 - Feb. 1971	1971
19710085781	Altitude performance of five Thiokol Chemical Corporation TE-345 Titan Vernier solid-propellant rocket motors having ages ranging from 97 to 106 months Final report, 7 - 9 June 1971	1971
19710085782	Airborne, Engine Condition Analysis Instrumentation /AECAL/ Final report	1971
19710085783	TF34-GE-2 engine qualification. Altitude inlet air pressure distortion test	1971
19710085784	Convergence of finite element method for marginal value problems of system of elliptic equations	1971
19710085785	The H/2/ plus D reaction at low energies	1971
19710085786	Perforated metallic shells for radome applications Quarterly report	1971
19710085787	State of affairs systems - Theory and techniques for automatic fact analysis Final report, 27 Jan. 1970 - 27 Feb. 1971	1971
19710085788	Geomagnetic Airborne Survey System for Project Magnet	1971
19710085789	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors Quarterly report, 13 Mar. - 13 Jun. 1971	1971
19710085790	The army management information system master plan. Army Communications-Electronics Management Information System /ACEMIS/	1971
19710085791	Shop practice on electric discharge machining technology	1971
19710085792	Qualification test report, debris system minuteman, wing 2, figure A 5035 part number 25-65762-1 Final report, 1 Jan. - 31 Aug. 1971	1971
19710085793	Friction in bearing linings made of lead bronze	1971
19710085794	Optimization of the logic nor circuit by free scanning of the space of decision variables	1971
19710085795	Applications of non-linear viscoelasticity and cumulative damage. A realistic evaluation of real propellant behavior. Volume 1 - Text Final report, 1 Apr. 1970 - 28 Feb. 1971	1971
19710085796	Applications of non-linear viscoelasticity and cumulative damage /a realistic evaluation of real propellant behavior/. Volume 2 - Appendices A-F Final report, 1 Apr. 1970 - 28 Feb. 1971	1971
19710085797	User test of distortion analyzer system DAS-10 A Final report, 30 Sep. 1970 - 16 Mar. 1971	1971
19710085798	Quarterly title list number 25 of reports for the period ending March 1971	1971
19710085799	Temperature gradients and stress measurement in solid propellants	1971
19710085800	Production engineering measure, solid encapsulated semiconductor devices Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710085801	The noise and radiance of sea and sky backgrounds	1971
19710085802	Status of AN/BQS-13 digital module testing	1971
19710085803	Status of Mk 88 /Poseidon/ module testing, 91	1971
19710085804	Status of Mk 88 /Poseidon/ module testing, 44	1971
19710085805	First article acceptance tests KB-23A gunsight camera Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085806	Fiscal year 1972 independent research and independent exploratory development Annual report	1971
19710085807	Hydrostatic extrusion of titanium-alloy hydraulic tubing Interim engineering progress report no. 1, 15 May - 15 Aug. 1971	1971
19710085808	Development of optimum joints in graphite composites - Carbofoam material	1971
19710085809	Systems electromagnetic compatibility study. Volume 1 - Analysis Final report, Jan. 1969 - Jun. 1971	1971
19710085810	TF41-A-2 engine, self contained starter evaluation	1971
19710085811	Flight test evaluation of the AN/ARA-63 in the RF-8G airplane Final interim report	1971
19710085812	Evaluation of a noncompressible wet suit	1971
19710085813	Feasibility study of SCR reliability	1971
19710085814	Test and evaluation of AN/APN-194/5/ radar altimeter interchangeability with the AN/APN-141/5/ radar altimeter in the TA-4F/J airplane Final report, 11 Mar. - 19 May 1971	1971
19710085815	Characterization of heat and momentum transfer for Polyox WSR 301 and Polyhall M-295 solutions	1971
19710085816	Stabilization techniques for holographic recording systems	1971
19710085817	Engineering test of transponder set test set TS-1843A/APX Final report, Feb. - Jul. 1971	1971
19710085818	Standard terminal pilot plan	1971
19710085819	Magnetic tape flight loads data from naval aircraft Annual report, 1 Jul. 1968 - 1 Jul. 1969	1971
19710085821	An analysis of the NORS hour selection criterion for aircraft critical items	1971
19710085822	MOESAIC system. Volume 4 - Handbook for users and analysis Final report	1971
19710085823	Evaluation of in line test kit, report no. 64882 Final report	1971
19710085824	An integrator for the AN/FDR-502 Radiac set, remote monitor and alarm	1971
19710085825	An investigation into the development of fighter aircraft spares cost estimating models	1971
19710085826	Production engineering measure for moderate power laser arrays Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710085827	TF34-GE-2 engine components qualification. Ignitor carbon and water fouling tests	1971
19710085829	Ambient temperature binder cure catalysts for hydroxy terminated systems Final technical report, 2 Jan. 1970 - 31 Jul. 1971	1971
19710085830	Solid state encoding altimeter /Supermatie/ for DOD AIMS systems program office Progress report, period ending 31 Aug. 1971	1971
19710085831	Advanced composite technology fuselage program, phase 1. Volume 2 - F-111 aft fuselage component, design, analysis, test Technical report, Mar. 1969 - Aug. 1970	1971
19710085832	Radar structural response model hardness investigation, volume 1 Final technical report, 6 May - 7 Oct. 1970	1971
19710085833	Radar structural response model-hardness investigation, volume 3 Final technical report, 6 May - 7 Oct. 1970	1971
19710085834	Mallard communications traffic requirements /US/	1971
19710085835	Multifunction microwave apertures study. Volume 1 - Multifunction phased array Final report, May 1969 - Jun. 1971	1971
19710085836	Technical evaluation of radar analyzer model G-158-8 Final report	1971
19710085837	Special study of ec aluminum and ingot iron pressure spheres for use in mechanical crusher gages Final report	1971
19710085838	Demonstration of a safe, low-cost hybrid propulsion system Quarterly progress summary report, 1 Apr. - 30 Jun. 1971	1971
19710085839	The Army management information system master plan. USAREUR Materiel Command /MATCOM/	1971
19710085840	The Army management information system master plan. Army COMSEC commodity, logistical accounting and information system acclaims	1971
19710085841	The Army management information system master plan. Automated system for transportation data autostrad	1971
19710085842	Cable hardened to nuclear electro-magnetic pulse /NEMP/ Semiannual progress report, 28 Sep. 1970 - 27 Apr. 1971	1971
19710085843	Remote Raman detection study instrument Quarterly progress report, Apr. - Jun. 1971	1971
19710085844	Modification of propellant binders Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710085845	Radar structural response model hardness investigation, volume 2 Final technical report, 6 May - 7 Oct. 1970	1971
19710085846	Manufacturing process for superalloy cast parts. Phase 2 - Manufacturing Final report, 1 Jul. 1965 - 31 Dec. 1970	1971
19710085847	Grove valve and reg. pneumatic pressure regulator, industrial water supply system. Seizure. Grove P/N 11285H122959A. /H4 - 26505/	1971
19710085848	Conformal coating material "Chem Seal 2601"	1971
19710085849	The Army management information system master plan. AMC Logistics Program Hardware Automated /ALPHA/	1971
19710085850	Nuclear resonance absorption as a diagnostic and investigative technique Final report	1971
19710085851	An expanded evaluation of the comparative performance of tungsten and titanium carbide throw-away inserts Final report	1971
19710085852	Athena H-002JD, flight 130 /13 August 1971/	1971
19710085853	The 11607 Lance, missile number 5148, round number 122 RCT /10 August 1971/	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085854	Aerodynamic buckling of the SAM-D motor case	1971
19710085855	Late-time EMP sources, including ground contributions Technical report, 6 Oct. - 6 Dec. 1970	1971
19710085856	Field test data book for Autonetics MGS baseline testing, test increment 475	1971
19710085857	SUU-46/A supersonic high density bomb pod yaw brace design and structural analysis Final report, Mar. - Aug. 1970	1971
19710085858	Shelf life test analysis, function analysis and failure mechanism study on specific electronic components and devices Final report	1971
19710085859	Research and development programs of the Flight Control Division, AF Flight Dynamics Laboratory	1971
19710085860	New latentating groups for radioprotective moieties Annual summary report, 1 Jul. 1970 - 30 Jun. 1971	1971
19710085861	Cold cathode using negative electron affinity effect Final report, 15 Jun. 1970 - 14 Jun. 1971	1971
19710085862	Computer signal processing study Technical report, 12 Feb. - 30 Jun. 1971	1971
19710085863	Nuclear weapon gust analysis for aircraft vulnerability. A computer code VIABLE - Vunerability Investigator of Aircraft Blast Loading Effects	1971
19710085864	Electroreflectance. Part 3 - Transverse electroreflectance	1971
19710085865	Agusta A-106 helicopter. Technical specifications	1971
19710085866	A general survey of the Communist Chinese aviation industry	1971
19710085867	New possibilities for the use of semiconductor diode lasers	1971
19710085868	Minuteman environmental sled test no. 7 - Avco sixteen-inch diameter cone /Holloman AFB sled test no. 33Q-E1	1971
19710085869	The Army management information system master plan. Combat service support system CS-2 Division	1971
19710085870	The Army management information system master plan. Corps of Engineers management information systems /COEMIS/	1971
19710085871	Special study of improved simulation of solar radiation Final report, Jan. 1970 - Jan. 1971	1971
19710085872	Mallard communications traffic requirements /US/ Final report	1971
19710085873	Research and development of Mark 1 Mod O fuel gelling unit Final report	1971
19710085876	Exploratory program to evaluate a deep rocket rotor configuration in the stratified charge rotating combustion engine using the RC1-90 test rig Final report, 15 Mar. - 15 Aug. 1971	1971
19710085877	Forming titanium alloy stringer sections under hydrostatic pressure Interim engineering progress report, 15 Jun. - 15 Sep. 1971	1971
19710085878	Production engineering measure for S-band 10-20 watt transistor Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710085879	Monthly Quality Status Report Apollo Spacecraft, 10 November 1963	1971
19710085884	Techniques for using probabilistic workload definitions in the cost effectiveness approach to ADPE selection, volume 1	1971
19710085885	Techniques for using probabilistic workload definitions in the cost effectiveness approach to ADPE selection, volume 2	1971
19710085899	Aliphatic hydrocarbons of the fungi	1971
19710085908	A CO2 laser bibliography, 1970	1971
19710085910	France - Nuclear, missile, and space developments, no. 298	1971
19710085911	Some remarks on the behaviour of surface source distributions near the edge of a body	1971
19710085913	Technique and procedures for primer testing	1971
19710085915	Brushless synchronous traction motor system power capability evaluation Final report	1971
19710085916	Optical performance calculations for thin films at 10.6 microns Technical report, 1 Jul. 1970 - 1 Jul. 1971	1971
19710085917	TF30-P-408 engine anti-icing evaluation	1971
19710085918	Functional test equipment for environmental evaluation of the Sparrow 3 missile	1971
19710085919	Qualification test report on hybrid microcircuits	1971
19710085920	Engineering services for development of advanced data processing and analysis techniques Final technical report, 24 Aug. 1970 - 24 Apr. 1971	1971
19710085921	The Raman spectra and characterization of Ba2NaNb5O15	1971
19710085922	Status of Mk 88 /Poseidon/ module testing, 98	1971
19710085923	Status of Mk 88 /Poseidon/ module testing, Apr. 1971	1971
19710085924	OT/E of F-4 external rearview mirror Final report	1971
19710085925	Analog computer simulation of an FT4A-2 marine gas turbine engine Final report	1971
19710085926	Operational testing of Army missile weapon systems during the engineer design phase of engineering development	1971
19710085928	Study of the drag coefficient as a function of angle of attack for cones	1971
19710085933	Ruggedized carbon dioxide packaged laser Interim technical report, 1 May 1970 - 15 May 1971	1971
19710085934	Development plan for the standard information display system Final report	1971
19710085936	Evaluation of compatibility characteristics of specification MIL-L-23699B turbojet engine lubricants Final report	1971
19710085937	Wind tunnel three component static force data for ten sphere-cone-cylinder-flare shapes in the Mach number range of 0.6-2.5 test 3-162	1971
19710085938	Radcat project, volume 1 Final technical report, Dec. 1966 - Sep. 1971	1971
19710085939	Radcat project, volume 2 Final technical report, Dec. 1966 - Sep. 1971	1971
19710085940	Research investigation of corrosion resistant materials for electrochemical cells Final report, 12 Jan. 1966 - 31 Aug. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710085941	Hydraulic pump, sustainer, report number 69A5614-27	1971
19710085942	Qualification for hybrid microelectronic circuits	1971
19710085943	Evaluation of type date code 7012 microelectronic circuits, Nand gates, manufactured by Signetics. Second source for SCN 210070	1971
19710085944	The Army Management Information System master plan. Integrated Facilities Management Information System /IFMIS/	1971
19710085945	Status of Mk 88 Poseidon digital module, Feb. 1971	1971
19710085946	Status of Mk 88 Poseidon module testing, Feb. 1971	1971
19710085947	AN/PRC-56 modified helmet transceivers Final report, 5 Apr. - 14 May 1971	1971
19710085948	Hydraulic pump, sustainer, report number 69.A5614-28	1971
19710085949	Evaluation of type date code 7035 microelectronic circuits, NAND gates, manufacturing by Sprague electric company second source for SCN 310070	1971
19710085950	Review of recent developments - Titanium and titanium alloys	1971
19710085951	Manufacturing methods program - 100 kw, ku-band power amplifier Quarterly report, 1 Jun. - 1 Sep. 1971	1971
19710085953	Microwave target signatures and sensor investigations. Supplement - Radar section of TSAC data bank, description, desired data, and data review form Interim report no. 1, 16 Mar. 1969 - 16 Jan. 1971	1971
19710085954	Hose assembly, flexible-pneumatic	1971
19710085956	Component evaluation test, filter RFI	1971
19710085957	Qualification test of 215 diodes p/n 2601838 submitted by Continental Devices, Incorporated	1971
19710085958	Aircraft avionics environmental control design and analysis procedures for optimized life cycle cost. Design manual	1971
19710085959	Chemical and physical properties of lubricants, hydraulic fluids and related materials Final report, 1 Nov. 1969 - 31 Oct. 1970	1971
19710085961	Evaluation of personnel and training requirements for the AU-8A weapon system /U/ Interim report	1971
19710085962	Evaluation of personnel and training requirements for WP-3A aircraft, preliminary report /U/	1971
19710085971	Defense suppression task 011 - Flight simulation /U/ Final report, 30 Mar. - 28 May 1971	1971
19710085980	Environmental test of the E49R3 flame fuel mixing and transfer unit Final report, 7 Aug. 1970 - 12 Jul. 1971	1971
19710085986	Reliability verification test 2760380-1	1971
19710085987	Production engineering measure for high reliability aluminum electrolytic capacitors Quarterly report, 20 Mar. - 20 Jun. 1971	1971
19710085988	The 12001 Little John laser, missile no. 2334, round no. 683 RO Meteorological data report, 3 Aug. 1971	1971
19710085991	Evaluation of Plessey starter-brushless generator system Final report, Aug. 1969 - May 1971	1971
19710085992	High power KU-band latching phase shifter switch Final report, Jul. 1970 - Aug. 1971	1971
19710085993	Support Equipment Change /SEC/ 813, revision B, amendment no. 1 kit Final report	1971
19710085994	Production engineering measure for subminiature wet anode tantalum capacitors, hermetic seal Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710085995	Production engineering measure for 25mm flexible fiber optic rope Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710085996	Systems electromagnetic compatibility study. Volume 2 - Methodology Final report, 1 Jan. 1969 - 30 Jun. 1971	1971
19710085997	Cryorocket's ELDO contract for the development of the second stage Europa 3 engine	1971
19710085998	Vela Launch 5 Final spacecraft mission report, May 1969 - Feb. 1971	1971
19710085999	Wear and material transfer investigations conducted on sliding contact with the aid of radioactive marking	1971
19710086001	ACS format conversion program documentation, volume 2 Final technical report, 1 Aug. 1970 - 1 Jun. 1971	1971
19710086002	ACS format conversion programs, volume 1 Final technical report, 1 Aug. 1970 - 1 Jun. 1971	1971
19710086003	State-of-the-art review of gas turbine engine exhaust smoke monitors	1971
19710086004	Design of computer-automated AN/BRN-3 receiver testing and fault diagnosis /MK 3 diagnostics/	1971
19710086005	Effects of varying processing parameters in the fabrication of adhesive-bonded structures. Part 7 - Electrically and thermally conductive adhesives /literature search and discussion/	1971
19710086006	Static stability characteristics of the B-1 escape capsule with drogue parachutes at Mach numbers from 0.3 to 2.2 Final report, 7 Jun. - 29 Jul. 1971	1971
19710086007	Single crystal dielectrics for high energy storage Interim technical report, 15 Oct. 1970 - 15 Jun. 1971	1971
19710086008	Vela launch VB Final report, Apr. 1970 - Apr. 1971	1971
19710086010	Rotary switch	1971
19710086011	Integrated solid state microwave sources Semiannual report, 1 Sep. 1970 - 28 Feb. 1971	1971
19710086012	Evaluation of Avco Lycoming Modifications Incorporated in LD6-10A-4E/F constant speed drive Final report, 4 Feb. 1969 - 8 Jun. 1971	1971
19710086013	Study of the tempering process of U-2-Mo alloy	1971
19710086014	Evaluation of Endevco Model 2291 plus or minus 100,000 g accelerometer	1971
19710086015	Production engineering measure of a very high current, high speed pulser silicon controlled rectifier Quarterly report, 31 Mar. - 1 Jul. 1971	1971
19710086017	VHF fundamental mode crystal blanks Quarterly progress report, 1 Mar. - 31 May 1971	1971
19710086018	A weather model for microwave radiometry	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710086019	Status of Mk 88 /Poseidon/ module testing, 135	1971
19710086020	Accelerated service test of the CH-53D helicopter with T64-GE-413 engines Final report, 3 Sep. 1970 - 18 May 1971	1971
19710086021	Digital signal processing Annual report, Sep. 1970 - 31 May 1971	1971
19710086023	Drone converted jet aircraft full size maneuvering target concept study Final technical report, Mar. - Sep. 1970	1971
19710086024	Automatic photographic analysis system for X-ray radiographs - Code-R system Interim engineering progress report no. 5, 1 May - 31 Jul. 1971	1971
19710086025	New synthetic methods for silicon-nitrogen polymers Technical report, 1 Jan. - 31 Dec. 1970	1971
19710086026	Evaluation of type MC15482, microelectronic circuit, 2-bit binary adder, manufactured by Motorola, second source for SCN 310115	1971
19710086027	Radar set AN/PPS-17 /XN-1/ failure free development program Interim development report, 1-30 Jun. 1971	1971
19710086028	Raytheon Company printed wiring board, multilayer, SCD no. 2621995	1971
19710086031	Multifunction microwave apertures study. Volume 2 - Conformal array study Final report, May 1969 - Jun. 1971	1971
19710086032	Production engineering measure for sealed beam xenon lamps Quarterly report, Mar. - May 1971	1971
19710086033	Metal-nitride-oxide-silicon aerospace memory Final technical report, 1 Jun. 1970 - 31 Mar. 1971	1971
19710086034	Investigation of graphite filament reinforced plastic composites Final report, Apr. 1970 - Jun. 1971	1971
19710086035	Evaluation of battery temperature sensing system	1971
19710086036	KMU-327/A optimized wing and tail boom kit for A/A45Y-1A defoliant spray system Final report, Mar. 1966 - Nov. 1970	1971
19710086037	Logistics management - Concepts and cases	1971
19710086038	Computerized reliability optimization system	1971
19710086039	Integrated circuit, hybrid, three channel multiplexer	1971
19710086041	Qualification test report for stepping motor, Model 109	1971
19710086042	Evaluation test report, bifilar relays	1971
19710086043	Evaluation test report, wire, electrical, Type S-TI 417849	1971
19710086044	Investigation of the separation characteristics of various stores from the A-7d aircraft at Mach numbers from 0.34 to 0.95 Final report, 19 Apr. - 7 Jun. 1971	1971
19710086045	SST-122KU, K-band radar transponder Final report, 1 Feb. - 14 Apr. 1971	1971
19710086046	Development of phenolic foam containers for the physical and thermal protection of ordnance Interim report	1971
19710086047	Technical and economic problems of cryotransformers	1971
19710086048	Underwater acoustics in Scandinavia	1971
19710086049	Test and evaluation of the electronic Resources Incorporated, UHF/L-band antenna Final report, 1 Feb. - 30 Apr. 1971	1971
19710086050	Aircraft avionics environmental control design and analysis procedures for optimized life cycle cost Final report	1971
19710086051	Process studies and fabrication of rocket motor body by ausforming process Final report, 25 Jun. 1970 - 25 Jul. 1971	1971
19710086052	Low earth orbit battery development project Interim technical report, 1 Jul. 1970 - 15 Jun. 1971	1971
19710086053	Investigation of flows around sidewalls for Captured Air Bubble /CAB/ ships Final report	1971
19710086054	Attempted determination of the effectiveness of antifriction agents in the thermosetting lacquers	1971
19710086055	Navy spin evaluation of the EA-6B airplane Final report, 16 Feb. - 30 Mar. 1971	1971
19710086056	Theoretical study of integrated lift and internal air propulsion system for SEV's Final report	1971
19710086057	Ferrite memory with serial direction	1971
19710086059	Production engineering measure for capacitors electrolytic aluminum high reliability, high voltage Quarterly report, 31 Mar. - 30 Jun. 1971	1971
19710086060	Product improvement of P-3C software/hardware /ARN 81 Loran coupler improvement/ Interim report	1971
19710086061	The 5 and 10 DOD generator sets Interim report	1971
19710086062	The 11602 Lance, missile no. 2113, round no. 123 RST Meteorological data report for 13 Aug. 1971	1971
19710086063	Radar techniques program, division 6 Quarterly technical summary report, 1 May - 31 Jul. 1971	1971
19710086064	Integrated circuit, Hex inverters Final specification	1971
19710086065	Aerodynamic characteristics of curved and planar fins and their influence on missile static stability at Mach numbers from 0.3 to 1 Final report	1971
19710086066	Static stability and inlet characteristics of the Hast missile at transonic Mach numbers Final report	1971
19710086067	Product-improvement test of OH-58A helicopter items Final report	1971
19710086068	Results of study of ferrite-transistor logic elements UEL-15	1971
19710086069	User's guide to the List data management facility - Computer aided design environment project	1971
19710086070	Polymer shear timer feasibility investigation Final summary report, Apr. 1970 - Jul. 1971	1971
19710086071	Application of complementary transistor pairs in microelectronic switching systems	1971
19710086072	Selection of an optimal computer by game theory	1971
19710086073	Investigation of SH-3/HH-3 helicopter downwash environment Final report, 4-14 Jun. 1971	1971
19710086074	First article testing of audio frequency amplifier AM-3729/ //sr Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710086075	Microcircuit crystal oscillator Quarterly report, 10 Mar. - 10 Jun. 1971	1971
19710086076	Status of POSEIDON modules	1971
19710086077	AFML/AFA cooperative research program Progress report, 1 Jan. - 1 Jun. 1971	1971
19710086078	High power lasers Semiannual technical report, 1 Jan. - 30 Jun. 1971	1971
19710086079	Electroreflectance. Part 6 - Electroreflectance spectra	1971
19710086081	Production engineering measure for solid encapsulated semiconductor devices Quarterly report, 14 Jan. - 13 Apr. 1971	1971
19710086082	Optical study of mechanics of front surface effects Final report	1971
19710086083	Development of a squib switch simulator	1971
19710086084	Epitaxial YIG microwave circuits Final report, 15 Nov. 1970 - 15 Jul. 1971	1971
19710086086	Spray disintegration in accelerating flow fields Monthly status report	1971
19710086087	Liquid hydrogen turbopump rapid start program Monthly progress report	1971
19710086089	Study of advanced techniques for determining the long term reliability of components Monthly progress report, 14 Nov. - 14 Dec. 1971	1971
19710086090	Monopropellant/bipropellant TCA Informal monthly status letter, 1 Nov. - 1 Dec. 1971	1971
19710086091	Reusable space shuttle vehicle thermal protection Monthly progress report	1971
19710086096	Gulton temperature recorder model 147	1971
19710086097	Numerical methods for determining the dynamic equilibrium of electric energy systems	1971
19710086099	Solar flare effects on short-path VLF ionospheric soundings Research and development report, May 1967 - Sep. 1970	1971
19710086100	Test facilities handbook. Volume 1 - Test planning /ninth edition/	1971
19710086111	Production of PBEP and PCDE binders /U/ Final technical report, 1 Feb. 1969 - 30 Jun. 1971	1971
19710086131	Test program status determination	1971
19710086140	Quarterly progress report, 1 April - 30 June 1971	1971
19710086141	Project Gulf Q - A study of maritime cumulus modification, phase 2 Summary report, 4 May - 3 Jun. 1970	1971
19710086143	Quick-look radiation charts Technical report, Nov. 1970 - Jun. 1971	1971
19710086144	Theoretical landing mat analysis Technical report, Feb. 1969 - Jul. 1971	1971
19710086145	Annual progress report, 1 July 1970 - 30 June 1971	1971
19710086146	Payload effects follow-on study Monthly progress report	1971
19710086151	Space LOX vent system Monthly progress report, 29 Oct. - 29 Nov. 1971	1971
19710086157	Design and development of diborane shipping container Monthly status letter, 7 Nov. - 6 Dec. 1971	1971
19710086159	Status of Mk 88 /Poseidon/ module testing, 167	1971
19710086171	Improved binders for propellant application /U/ Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710086173	Satellite/inertial navigation system Kalman filter design study /U/ Final report, Jul. 1970 - Mar. 1971	1971
19710086182	Status of Mk 88 /Poseidon/ module testing, 100	1971
19710086189	Surface chemical aspects of solid propellant adhesion /U/ Final report	1971
19710086191	Aircraft structural fatigue life program /U/ Quarterly report	1971
19710086193	Airborne MTI techniques for foliage penetration /U/ Quarterly progress report, 1 Jan. - 31 Mar. 1971	1971
19710086196	Methodology investigation of burst shock measurement studies on the White Sands fast burst reactor Final report	1971
19710086197	Simultaneous gravimetric field survey made between Mizusawa and Hachinohe	1971
19710086201	Evaluation of polyimide/glass fiber composites for construction of light weight pressure vessels for cryogenic propellants Monthly progress report, 16 Oct. - 12 Nov. 1971	1971
19710086212	Production quality assurance testing of a Minuteman 3 LGM-30G stage 2 rocket motor at simulated pressure altitude /motor S/N PQA6-51 Final report	1971
19710086213	J52-P-408 engine evaluation, altitude performance /production engine SN-678167/ Final report	1971
19710086214	Executive system Mod-O concepts and facilities, computer-aided design environment project	1971
19710086215	Design analysis and trade-off studies of a lighterage system. Volume 1 - Summary Final report, Sep. 1970 - Jun. 1971	1971
19710086216	Status of Mk 88 /Poseidon/ module testing, 43	1971
19710086217	Status of Mk 88 /Poseidon/ module testing, 99	1971
19710086218	Status of Mk 88 /Poseidon/ module testing, 118	1971
19710086227	The Army management information system master plan. System-wide project for electronic equipment at depots-extended /SPEEDEX/	1971
19710086228	Mallard communications traffic requirements /US/. Annex B - Air Force specific unit needlines source to sink Final report	1971
19710086229	Electroreflectance. Part 4 - Electroreflectance studies of In As, Ga As, and Ga, In As alloys	1971
19710086230	Product improvement test of radiacmeter IM-174A/PD /D cell modified/ test plan	1971
19710086236	Report of the task group on defense in-house laboratories Executive summary	1971
19710086238	Production engineering of ND - yag laser rods for laser illuminator transmitter Quarterly report, Apr. - Jun. 1971	1971
19710086239	Laser guided Little John	1971
19710086240	Qualification and design acceptance test report for OE-134/T antenna radome group	1971
19710086241	Missile synthesis and performance computer program. Volume 1 - Summary and executive formulation Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710086242	Missile synthesis and performance computer program. Volume 2 - Missile subsystem design formulation and methodology. Part A - Sections 1-5 Final report	1971
19710086243	Laser and photodiodes. A new source of light distance measurement	1971
19710086259	Analysis of pilot/system performance in carrier approach Final report, 31 Aug. 1970 - 30 Jun. 1971	1971
19710086264	Procedural guidelines for the reliability assessment of MOS microcircuits Final report, Jun. 1969 - Mar. 1971	1971
19710086265	Aging and surveillance testing of a Minuteman LGM-30B stage 2 /M56A1/ rocket motor at simulated pressure altitude /motor S/N AF0022022/ Final report	1971
19710086266	Stress-corrosion cracking and galvanic couple tests of 17-4 pH stainless steel in seawater	1971
19710086267	The transient radiation effects on radiation materials FY 1971 Progress report, 1 Jul. 1970 - 30 Jun. 1971	1971
19710086268	Power supplies for 18 and 25 mm second generation image intensifier tubes Quarterly progress report, 29 Jan. - 30 Apr. 1971	1971
19710086269	Study of operating characteristics and limitations of a liquid hydrogen tank pressurization system Monthly report, 1-30 Nov. 1971	1971
19710086270	Monthly progress report number 5, period covering 15 November to 15 December 1971	1971
19710086271	Engineering test of OV-1D MOHAWK surveillance system. Volume 7 - Data annotation system AN/AYA-10/ / Final report, Jul. 1969 - Jun. 1971	1971
19710086272	Engineering test of OV-1D MOHAWK surveillance system. Volume 8 - Radar altimeter AN/APN-171A/V/1 Final report, Jul. 1969 - Jun. 1971	1971
19710086273	Engineering test of OV-1D MOHAWK surveillance system. Volume 10 - Homing antenna AS-2042/ARC Final report, Jul. 1969 - Jun. 1971	1971
19710086274	Advanced space program analysis and planning Monthly progress report for Nov. 1971	1971
19710086275	Development of improved materials and coatings for wire rope	1971
19710086276	Evaluation of the modified AN/APQ-126 radar system installed in the model T-39D airplane Final report, Jun. 1970 - Jul. 1971	1971
19710086277	Infrared spectra of additives in two-cycle engine oils Materials report	1971
19710086278	The resistance of silicon nitride ceramics to thermal shock and other hostile environments	1971
19710086280	Light turbine propelled helicopter Dornier DO-132	1971
19710086281	Polarizable insulators for insulated gate field effect devices /MOSTs/ Final report	1971
19710086282	Evolution of the NWC thermal standard. Part 2 - Comparison of theory with experiment Technical report, Dec. 1969 - Jan. 1971	1971
19710086283	Development of techniques applicable to the improved representation of manned aircraft systems effectiveness evaluation models	1971
19710086284	Low angle tracking investigation, phase 1 Final report	1971
19710086285	Laser profilometer survey of selected playas in Southern California Technical report, Nov. - Dec. 1967	1971
19710086286	HF receiving antenna arrangement on flight- deck edge of aircraft carriers. Performances of antennas in different locations and paired combinations are compared Research and development report, 1 Jul. 1970 - 1 Jul. 1971	1971
19710086287	Performance of high speed wireline modems through simulated HF radio media	1971
19710086288	Pressure tests on 0.05-scale and 0.10-scale models of the F4D aircraft at Mach numbers from 0.80 to 0.95 Final report, 12 Mar. - 23 Jun. 1971	1971
19710086289	High speed Morse telegraph terminal Quarterly progress report, 1 Mar. - 31 May 1971	1971
19710086290	Flight test and evaluation of AIMS airborne ATRCBS equipment in the AV-8A aircraft Final report	1971
19710086291	Infrared signatures - Theory, techniques, and equipment	1971
19710086292	Auxiliary machinery systems for hydrofoils - The electrical system	1971
19710086293	Missile synthesis and performance computer program. Volume 4 - Programmer's manual Final report	1971
19710086294	Missile synthesis and performance computer program. Volume 3 - Program user's manual /appendix/ Final report	1971
19710086295	Investigation of the AN/ASN-90 aircraft INS fast reaction development Final report	1971
19710086296	Standardization of repair and testing procedures for air particle detector vacuum pumps Final report	1971
19710086297	Altitude performance of three thiokol chemical corporation TE-345 Titan Vernier solid- propellant rocket motors having ages of 56 and 101 months Final report	1971
19710086298	Production engineering measure for a broadband, 225-400 MHz, 25 W power transistor Quarterly report, 15 Apr. - 15 Jul. 1971	1971
19710086299	Infrared 10.6 micrometer monopulse receiver system Quarterly report, 1 Jan. - 1 Jul. 1971	1971
19710086300	Evaluation of 585 protective goggle for use against ruby lasers	1971
19710086303	HH-53C pave imp combat evaluation /U/ Final report	1971
19710086305	Category 3 OT and E of AGM-65A /Maverick/ system /U/	1971
19710086306	MK 30 sustainer detonation summary report /U/	1971
19710086308	A-7D category 3 squadron or status, phase 2A /U/ Final report, 11 Jan. - 26 Mar. 1971	1971
19710086325	Development of traveling wave mixer devices for frequency conversion /U/ Interim development report, 1 Apr. - 30 Jun. 1971	1971
19710086326	Fast burning rate/high slope propellant technology program /U/ Final report, 1 May 1970 - 22 Apr. 1971	1971
19710086328	Investigations of the AN/APS-80A/V//B radar system /U/ Final report, Jan. - Mar. 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710086331	Quarterly compilation of abstracts on completed Test, Experimental, and Development /TED/ projects, 1 July - 30 September 1971 /U/	1971
19710086333	S-3A antisubmarine warfare aircraft EMC analysis /U/	1971
19710086352	Sonar simulation computer programs. Volume 3 - Index of variables Final engineering report	1971
19710086353	Sonar simulation computer programs. Volume 1 - Subprogram descriptions and flowcharts Final engineering report	1971
19710086354	Sonar simulation computer programs. Volume 2 - Subprogram descriptions and flowcharts /continued/ Final engineering report	1971
19710086355	Optimum stabilization of a satellite in an inertial coordinate	1971
19710086356	Wind tunnel investigation of the static-stability, drag, Magnus, and damping characteristics of a 105-mm projectile at free stream Mach 1.5 and 1.75 Final report	1971
19710086357	Synthesis and characterization of some substituted metallocenes Final report, 20 Feb. 1967 - 1 Apr. 1971	1971
19710086358	Technical evaluation of a solid-state rectifier field change kit for radar sets AN/CPN-4A and AN/FPN-52 Final report	1971
19710086359	Report of test on switches, sensitive, SPDT unsealed and sealed, 1 and 10 ampere ratings, MIL-S-8805C Final engineering development report	1971
19710086360	Production techniques for extruding and drawing Beta 3 titanium alloy shapes Interim engineering report, 1 Apr. - 30 Jun. 1971	1971
19710086362	Digital equipment susceptibility Quarterly progress report, 1 Mar. - 30 May 1971	1971
19710086363	High power GaAs avalanche diodes Final report, 1 Jun. 1970 - 30 Jul. 1971	1971
19710086364	Initial production test of searchlight, infrared, 28-volt, 50 ampere, AN/VSS-3 Final report, 22 Mar. - 22 Jul. 1971	1971
19710086365	Feasibility test of a drogue sensor for retarded bombs Final report, 8 Mar. - 10 Aug. 1971	1971
19710086366	Research and development on high power laser problems Final technical report, Oct. 1967 - Apr. 1970	1971
19710086367	Feasibility test and evaluation of Vidicoder and Hard Copy Recorder Final report, Nov. 1968 - Jul. 1969	1971
19710086368	Development of solid and/or liquid-metal collectors for acyclic machines Final report, 1 Jan. 1970 - 30 Sep. 1971	1971
19710086369	Initial production test of radar chronograph, M36 Final report, 19 Feb. - 28 Jun. 1971	1971
19710086370	System performance degradation due to varying solar emission activity - SOLRAD applications Study, Task 2 Research and development, Oct. 1970 - Feb. 1971	1971
19710086371	Phase 1 of low-angle tracking investigation - Supplement on the adaptive low-angle tracking method Final engineering report	1971
19710086372	Research on new materials for electroluminescence Semiannual report, 1 Jan. - 30 Jun. 1971	1971
19710086373	Production engineering measure for quartz crystal unit CR-/XM-71//U Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710086374	Methodology investigation - Data requirements for airdrop service tests Final report, 1 Jul. 1970 - 30 Jun. 1971	1971
19710086376	Processor group, radar video AN/APA-173/XAN-1/	1971
19710086377	Handbook of vehicle electrical penetrators, connectors and harnesses for deep ocean applications	1971
19710086378	Low-power methanol/air batteries of ultra-simple design Final report, 15 Apr. 1970 - 15 Jul. 1971	1971
19710086379	Production engineering measure computer aided design system for linear integrated circuits Quarterly progress report, 17 Mar. - 17 Jun. 1971	1971
19710086381	Failure mode analysis of AN/FSH-7//V/ capstan motor Final report	1971
19710086382	A SWEM system/programmer's guide to SUMT-version 4 - The computer program implementing the sequential unconstrained minimization technique for nonlinear programming	1971
19710086383	Development of organic matrix for advanced filamentary composites Progress report	1971
19710086384	Engineering test of power supply PP-6224 Final report, Jan. - Jun. 1971	1971
19710086385	Operational evaluation of a low-level automation concept for the TACS Final report	1971
19710086387	Product improvement test of radio receiver AN/PRR-9/XE-9/ Final report, Mar. - Jul. 1971	1971
19710086389	Production engineering measures for a ferrite solid state limiter protector Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710086391	Missile synthesis and performance computer program. Volume 3 - Program user's manual Final report	1971
19710086392	Missile synthesis and performance computer program. Volume 2 - Missile subsystem design formulation and methodology. Part D - Sections 12-14 Final report	1971
19710086393	Missile synthesis and performance computer program. Volume 2 - Missile subsystem design formulation and methodology. Part C - Sections 9-11 Final report	1971
19710086394	Missile synthesis and performance computer program. Volume 2 - Missile subsystem design formulation and methodology. Part B - Sections 6-8 Final report	1971
19710086395	Improved cathode systems for high-energy primary batteries Final report, 1 Jan. 1970 - 30 Jul. 1971	1971
19710086396	Engineering fleet support and evaluation for the AN/AQS-10/13 near field array sonar test tank Final report, Jul. 1970 - Jun. 1971	1971
19710086397	Production engineering study on casting preform for the motor case and the submission of associated metal parts for the launch motor XM114E1 /TOW/ Final report, 17 Nov. 1969 - 30 Apr. 1971	1971
19710086399	A performance index for response evaluation of highly augmented military aircraft. Phase 1 - Inner loop requirements for command inputs	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710086400	Test evaluation report on electrical components used in the land combat support system	1971
19710086401	Integrated circuit, 4- bit binary counters Final specification	1971
19710086402	Parawing Aerocab feasibility flight demonstration Final technical report, 17 Mar. 1969 - 16 Sep. 1970	1971
19710086403	Production engineering measure for solid-state microwave acoustic delay lines Quarterly progress report, 20 Apr. - 20 Jul. 1971	1971
19710086404	Sea level climatic testing chamber. Performance information and thermodynamic model - Operating characteristics of two largest compartments determined	1971
19710086405	Laboratory evaluation of a nuclear air density gauge, supplement Final report	1971
19710086406	Some attempts to improve airflow about a VTOL aviation ship model	1971
19710086407	MS drawing revision for F-4 underfrequency protector Final report, Jan. 1969 - Jul. 1971	1971
19710086413	Comparison of aerospace and contractor cost estimates for the phase B fully reusable space vehicle	1971
19710086418	Qualification testing report on the KB-26A camera system	1971
19710086420	Apollo 15 laser ranging retro-reflector 300 corner array Final report	1971
19710086423	Titanium alloy scrap reclamation process Interim engineering progress report, 15 Mar. - 15 Jun. 1971	1971
19710086424	Study of structural active cooling and heat sink systems for space shuttle Progress report, 28 Oct. - 28 Nov. 1971	1971
19710086425	Continuous monitor for chemical protective devices Quarterly progress report, Mar. - May 1971	1971
19710086428	Production engineering measure for improved reliability of metalized polycarbonate capacitors Quarterly report, 1 May - 31 Jul. 1971	1971
19710086429	High power infrared laser window materials /LQ-10 program/ Quarterly progress report, 1 Apr. - 30 Jun. 1971	1971
19710086430	Liquid polymers as coatings for improved coated fabrics	1971
19710086431	Service release testing of rocket catapults Mark 7 Mod 2R and Mark 13 Mod 2R Technical report, Aug. 1970 - Jul. 1971	1971
19710086432	Flight test of AN/ARD-21 air rescue hovering set Technical report, May 1970 - Jun. 1971	1971
19710086433	Thermal performance of multilayer insulation Monthly activity report no. 5, 1-30 Nov. 1971	1971
19710086434	Thermal design of composite material high temperature attachments Progress report, 6 Nov. - 6 Dec. 1971	1971
19710086435	Dissociative recombination coefficients for planetary ionospheric ions Semiannual status report	1971
19710086437	Composite lines for space shuttle vehicle Monthly progress report, 25 Oct. - 28 Nov. 1971	1971
19710086438	Flame impingement testing of fire resistant fabric assemblies Final summary report	1971
19710086440	Production engineering measure for precision resistor ladder network (film type) Quarterly progress report, 7 Mar. - 7 Jun. 1971	1971
19710086441	DZ/EZ/LZ lighting suitability test Final report	1971
19710086442	Failure modes and mechanisms in microwave integrated circuits Final technical report, Aug. 1970 - May 1971	1971
19710086443	Feasibility of an in-flight escape system for the AH-1 Cobra helicopter	1971
19710086444	A production engineering measure for compact five-gun cathode ray tubes Quarterly report, 20 May - 19 Aug. 1971	1971
19710086445	Transmission of water vapor through sealants. Part 1 - Commercial RTV silicones	1971
19710086446	Photoconductive infrared detectors using thin films of lead-tin chalcogenide alloys Annual report, 1 Sep. 1969 - 30 Oct. 1970	1971
19710086447	MOS push-down list memory investigation	1971
19710086448	Qualification tests for aircraft lighting equipment /Grimes Manufacturing Company, P/N 40-0168-1, anticollision light/ Final report, Feb. - Jul. 1971	1971
19710086449	Qualification tests for aircraft lighting equipment /Grimes Manufacturing Company, P/N 40-0181-1, anticollision light/ Final report, Feb. - Jul. 1971	1971
19710086451	Corrosion fatigue considerations in material selection and engineering design	1971
19710086452	Service release testing of rocket catapult P/N 2184-20-1 Technical report, 28 Aug. - 31 Oct. 1970	1971
19710086453	Evaluation of GE ECP no. 99207-16346P for increasing reliability of the F-4B CSD input shaft disconnect Final report, Feb. 1970 - Jul. 1971	1971
19710086454	Force tests of a 6.3 deg half-angle cone with various nose shapes at Mach numbers 2 and 5 Final report	1971
19710086455	Evaluation of 370 gallon external fuel tank nose cone stiffener	1971
19710086463	Initial production test of radio set AN/GRC-50A/V/8 Final report, Jan. - Apr. 1971	1971
19710086479	Test report on electromagnetic radiation /EMR/ tests conducted on Redeye missile system /U/	1971
19710086484	Wide band optical recorder /U/ Final report, 1 Aug. 1970 - 1 Feb. 1971	1971
19710086485	Maximum temperature engine exploratory development program /stoichiometric temperature and performance/, volume 1 /U/ Final report, 1 Jul. 1967 - 31 Dec. 1970	1971
19710086489	Vertical-plane coverage of the AN/SPS-58 radar /U/ Final report	1971
19710086490	Production engineering measure for 25 mm microchannel image inverter intensifier tubes /U/ Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710086520	Manufacturing methods for Dinol process /U/ Triannual technical report no. 1, 12 Nov. 1970 - 18 Mar. 1971	1971
19710086525	Phase 2 development of the TF30-P-100 engine /U/ Final technical report, 1 Dec. 1968 - 11 Jun. 1971	1971
19710086529	Narrow field of view guidance unit /U/ Final report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710086531	Maximum temperature engine exploratory development program /stoichiometric temperature and performance/, volume 2 /U/ Final report, 1 Jul. 1967 - 31 Dec. 1970	1971
19710086532	A summary of the flight test program for the supersonic chemical propulsion for low altitude short range missile /SCP/LASRM/ /U/	1971
19710086545	Flight and wind tunnel evaluation of a 17 percent thick supercritical airfoil on a T-2C airplane. Volume 1 - Basic report /U/ Final report, 24 Apr. 1970 - May 1971	1971
19710086546	Flight and wind tunnel evaluation of a 17 percent thick supercritical airfoil on a T-2C airplane. Volume 2 - Flight measured wing wake profiles and surface pressures /U/ Final report, 24 Apr. 1970 - May 1971	1971
19710086574	Exploratory study of a polystation Doppler system. Task 4 - Addendum /U/ Final report, Mar. 1970 - Mar. 1971	1971
19710086583	Termination of nylon towing hawser by epoxy resin socketting	1971
19710086584	SUU-45/A bomb dispenser development program Final report, Jul. 1969 - Mar. 1971	1971
19710086596	MUF/LUF forecast verification	1971
19710086597	Flight evaluation of an F-4E without boundary layer control Final report	1971
19710086599	Terrestrial photogrammetry in construction engineering	1971
19710086600	Thermodynamics of relaxation phenomena and thermal fluctuations in the vicinity of $t_{sub} c$	1971
19710086605	Status of MK 88 /Poseidon/ module testing	1971
19710086607	Status of Mk 88 /Poseidon/ module testing, 168	1971
19710086608	Some results of the geophysical investigation of the Erzgebirge engine	1971
19710086609	Gravimetry explores Africa in depth	1971
19710086615	First article testing of telegraph signal analyzer TS-3069A, contract N00039-70-C-2516	1971
19710086621	Advanced development of electrofluidic vibration isolation systems for aerial reconnaissance sensors Final report, 15 May 1968 - 30 Apr. 1971	1971
19710086622	A summary of NASA/GIDEP alerts	1971
19710086623	Qualification test report on hybrid microcircuit, 15 March 1971	1971
19710086624	Qualification test report on hybrid microcircuit, 18 March 1971	1971
19710086636	RAM for film and transpiration cooled material /U/ Quarterly report, 1 Jul. - 30 Sep. 1971	1971
19710086650	Engineering test of OV-1D Mohawk surveillance system. Volume 3 - Still Picture Camera KA-60C /U/ Final report, Jul. 1969 - Jun. 1971	1971
19710086651	Engineering test of OV-1D Mohawk surveillance system. Volume 4 - Still Picture Camera KA-76A /U/ Final report, Jul. 1969 - Jun. 1971	1971
19710086652	Engineering test of OV-1D Mohawk Surveillance System. Volume 5 - Photographic Flasher System LS-59A /U/ Final report, Jul. 1969 - Jun. 1971	1971
19710086653	Engineering test of OV-1D Mohawk surveillance. Volume 6 - Radar Surveillance Set AN/APS-94D /U/ Final report, Jul. 1969 - Jun. 1971	1971
19710086654	Engineering test of OV-1D Mohawk Surveillance System. Volume 9 - Inertial Navigation System AN/ASN-86 /U/ Final report, Jul. 1969 - Jun. 1971	1971
19710086658	Mallard communications traffic requirements /US/. Annex A - Air force generic needlines, nodal needlines, unit traffic summary Final report	1971
19710086682	Minuteman ground electronics systems WS-133 AM/WS-133B, model specification, launch control facility processor, AN/GYW-1 V, figure A 14058	1971
19710086703	Exploratory development of advanced colloid thrusters Technical performance status report, 16 May - 15 Jun. 1971	1971
19710086704	Study to develop techniques for a self-organizing computer Quarterly progress report, 20 Jul. - 30 Sep. 1971	1971
19710086705	A new development in the vibration of thermally stressed cantilever plates	1971
19710086706	Composite tanks with load sharing liners Monthly progress report, 1 Nov. - 30 Nov. 1971	1971
19710086707	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle Monthly progress report, 1 Nov. - 30 Nov. 1971	1971
19710086708	A study of manufacturing methods and technology for the application of improved roll and weld techniques to large missile cases Final technical report, 15 Sep. 1970 - 15 Sep. 1971	1971
19710086709	An evaluation of compressor case modifications to reduce dynamic stress to J57-P-21A turbojet engine tenth-stage stator vanes	1971
19710086729	Navy Long Wave Propagation Center TACAMO performance predictions in the Atlantic and Mediterranean for September, October, and November /U/ Final report	1971
19710086730	Evaluation of type 54H72J microelectronic circuits, flip flops manufactured by Sprague Electric Company, second source for SCN 310163	1971
19710086731	Regulator-helium pressure, missileborne, 1	1971
19710086733	Laboratory tests of the Westinghouse Advanced Electrical Distribution System /AEDS/	1971
19710086734	Apollo spacecraft Monthly quality status report, 16 May - 15 Jun. 1965	1971
19710086735	Development of superconducting machinery	1971
19710086736	Closed-cycle power systems for undersea military facilities and equipment Final report, Jun. - Sep. 1971	1971
19710086737	Film analysis techniques for methods and measurements	1971
19710086738	State-of-the-art survey of components for a multispectral TV circuit system Technical report, 1 Jul. - 30 Sep. 1970	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19710086739	Production engineering measure for beam-lead integrated circuits Quarterly progress report, 1 Mar. - 1 Jun. 1971	1971
19710086740	MS-32 active sonar /Plessey/	1971
19710086741	Conformal array antennas Final report	1971
19710086742	Hologram radar techniques, volume 1 Final report, 1 Aug. 1967 - 31 Jul. 1969	1971
19710086743	Evaluation of current infrared countermeasures systems. Part 2 - General test plan for evaluation of IRCM sources Final report, Feb. 1970 - Apr. 1971	1971
19710086744	Photoemission studies of the alkali covered germanium /III/ surface	1971
19710086745	[No Title]	1971
19710086746	Feasibility model of a channelized self-managing UHF satellite repeater Technical report, 30 Jun. 1969 - 30 Apr. 1971	1971
19710086747	Rotary-reciprocating cryogenic refrigeration systems studies. Part 1 - Analysis Final report, Jul. 1970 - Jul. 1971	1971
19710086748	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors Quarterly report, 1 Apr. - 30 Jun. 1971	1971
19710086749	Design, development and fabrication of non-contact, brushless infrared, analog to digital shaft encoders with integral electronics Final report, 28 May 1970 - 26 Feb. 1971	1971
19710086750	Status of Mk 88 /Poseidon/ module testing, 132	1971
19710086751	Test and evaluation of the Aero 39B adapter Final report, 1 Apr. - 1 Jul. 1971	1971
19710086752	Flight test evaluation and calibration of AIMS airborne ATCRBS equipment in the E-1B airplane Final report	1971
19710086753	Research and feasibility of an integrated servo pump actuator package for aircraft flight control Final report, 1 Nov. 1969 - 17 Dec. 1970	1971
19710086754	Electrochemical mini-probes for corrosion fatiguemechanism studies	1971
19710086755	Evaluation test report - Paveway world wide qualification transistors	1971
19710086756	Meteorological data report - Athena V-131-D, flight 131 /20 August 1971/	1971
19710086757	Evaluation of Versatile Avionics Shop Test /VAST/ AN/USM-335/5/	1971
19710086758	Evaluation of certain STOL aircraft	1971
19710086759	Evaluation of externally mounted head-up display /PCI/	1971
19710086782	Capacitor qualification test of Navord 2887893	1971
19710086783	Regulator-helium pressure, missileborne, 2	1971
19710086785	Minuteman ground electronics WS-133 AM/WS-133B. Model specification - Memory- controller group OL-90/GYW-1V, figure A 14061	1971
19710086787	An inductive micrometer sensor for solving length-measurement problems	1971
19710086789	Hypersonic shock wave phenomena of a delta wing space shuttle orbiter	1971
19710086790	Windward body surface study for laminar heating of space shuttle vehicles at high angle of attack	1971
19710086791	Study of deep flaws in weldments of aluminum and titanium Monthly progress report, Nov. 1971	1971
19710086792	Shipboard demonstration of the Everpure model SSFM-100 bromine treatment plant for treatment of potable water Final report	1971
19710086793	Qualification report for capacitor per General Dynamics drawing 423-800096-1 thru -4	1971
19710086794	Flight test data analysis program 1970 extension Final report, 1 Jan. 1970 - 31 Jul. 1971	1971
19710086795	Evaluation of the Versatile Avionics Shop Test /VAST/ AN/USM-335/V/ Interim report	1971
19710086796	Structural dynamic properties of tactical missile joints, phase 2 Final report, Jun. 1970 - Aug. 1971	1971
19710086801	Reports of the German Weather Service, volume 16, no. 123 - Development of a satellite-borne sensor for measuring medium ultraviolet fluctuations in extraterrestrial solar radiation	1971
19710086802	Evaporation of liquid drops and breakup of liquid sprays in free and forced convection in high pressure and high temperature environments Final report	1971
19710086805	Electroreflectance, part 2	1971
19710086806	Compatibility test of the LAU-68/A rocket launcher on the A-37 aircraft, Seek Eagle Final report, 22 Jun. - 28 Jul. 1971	1971
19710086808	Army management information system master plan. Research and development information system /ARDIS/.	1971
19710086809	An engineering evaluation of the AFATL five-percent-scale wind tunnel model of the F-4 aircraft Final report	1971
19720002418	The types of acid phosphatase of red cells. Study of 134 families	1971
19720002419	The oxidation of pyruvic acid in yeast	1971
19720002420	Methods of evaluating pulsed vibrations (vibration evaluation methods 3)	1971
19720002421	Methods of evaluating compound sinusoidal and random vibrations	1971
19720002422	Methods of evaluating sinusoidal vibrations (vibration evaluation methods 1)	1971
19720002423	Further studies on the relation between mitochondria and glycolysis	1971
19720002424	Condition of the human cardiovascular system in true and simulated weightlessness	1971
19720002425	The variations of neuromuscular excitability in the course of acute glucidic nutritional imbalance	1971
19720002426	Integratism: A path from the simple to the complex in understanding life phenomena	1971
19720002490	Water chemistry studies. 3: Use of hydrazine for scavenging dissolved oxygen in high temperature water: A review	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720002517	A Catalog of Distinct Solar Radio Events for Fixed Frequency Observations Made at the Pennsylvania State University Radio Astronomy Observatory During the Period 1 July 1964 Through 30 June 1970. Section 1: Data Reduction Procedures	1971
19720002527	Automatic processing of information from spark chambers	1971
19720002579	TRIUMF: Annual report, 1970	1971
19720002585	Influence of ultrasound on vapour bubble dynamics in liquid hydrogen	1971
19720002628	Safety and environmental aspects of nuclear energy	1971
19720002719	Development of a signal processing system applicable in nuclear spectrometry	1971
19720002725	The RIFMA lunar automatic spectrometric equipment	1971
19720002730	Calculated efficiencies of some cylindrical and well-type gamma ray scintillation detectors	1971
19720002780	Laser-solid deuterium interaction: Numerical study	1971
19720002781	Application of lasers in spectroscopic analysis	1971
19720002790	Influence of some metallurgical variables on the radiation damage sensitivity of pressure vessel steels	1971
19720002791	Prospects for high strength zirconium alloys	1971
19720002865	Five hundred balloons for one satellite	1971
19720002895	COLIBRI: A computer code for subchannel analysis	1971
19720002897	Blanket cooling concepts and heat conversion cycles for controlled thermonuclear reactors	1971
19720002898	Neutronic and thermal design aspects of thermonuclear fusion reactor blankets	1971
19720002900	On the economic feasibility of stellarator and Tokamak fusion reactors	1971
19720002903	Temperature stabilization in heat exchange tubes under alternating heat fluxes	1971
19720002904	Calculation methods for heterogeneities in reactors of the natural uranium graphite gas type	1971
19720002908	The cause/consequence diagram method as a basis for quantitative accident analysis	1971
19720002909	Franco-British experimental loop: Temperature evolution after blower stop	1971
19720002910	Effect of heat source boundary conditions on the temperature distributions in transverse and helically ribbed AGR fuel pins	1971
19720002915	Experimental investigation of creep buckling behavior of thin-walled tubes of very-high-temperature material	1971
19720002917	Some BR2 irradiation devices for fast reactor fuel and fuel elements	1971
19720002918	Thermodynamic feasibility of helium cooling of fusion reactors	1971
19720002935	Development of a cryogenic synchrotron magnet with high purity aluminum coils	1971
19720002936	A two-dimensional problem in the electrodynamics of stationary (or steady-flow) currents in a nonlinearly conductive medium	1971
19720002937	Compression of the magnetic field in a collapsing spherical	1971
19720002961	Non-rotational states of odd mass nuclei in the actinide region	1971
19720002967	Preliminary results on coincidence measurements for electroproduction in the deep inelastic region	1971
19720002968	The 10 MeV bremsstrahlung converter	1971
19720002969	Equipment development for measuring the density distribution in an electron beam produced by an electrostatic accelerator. Modification of a 2-MV, 300-mu A Van de Graaff generator to produce a large cross section beam	1971
19720002972	Uses of the classical approximation in quantum electrodynamics	1971
19720002973	Algebraic and analytic properties of the n-point function in quantum field theory	1971
19720002976	Pseudo-noise sequence applicable to multiplex systems of particle detection	1971
19720002977	Revised position sensitive detector array for a charged particle spectrograph	1971
19720002978	Impurities in processed radioisotopes produced by the (n, gamma) reaction: Purity of Yb-169	1971
19720002979	Synchronized chopper time-of-flight spectrometer at the Dubna pulsed reactor IBR-30	1971
19720002980	Relativistic increase of ionization and sensitivity of nuclear emulsions	1971
19720002981	Electromagnetic separation of short-lived isotopes of Rn, Xe, and Kr for spectroscopic studies	1971
19720002982	The Division of Radioisotope Production	1971
19720002983	Nuclear chemistry compendium. Part 1: Nuclear radiation measurement technique	1971
19720002986	Potential well depth in the two-center model for heavy ion scattering	1971
19720002988	A theoretical study of the structure of atomic collision cascades. Part 1: Method of analysis	1971
19720002989	A Theoretical study of the structure of atomic collision cascades. Part 2: Cascades derived from the Thomas-Fermi potential	1971
19720002991	Description of the reactions of general type and the shell model	1971
19720002994	Level diagram of Yb-175 and a measurement of the low-energy Au-197(n,gamma)-spectrum	1971
19720002995	Development of a coincidence system between charged particles and gamma rays. Application to the study of gamma deexcitation of Ca-41 low energy levels	1971
19720002996	Technical study of a superconducting quadrupolar coil	1971
19720003001	Post-irradiation thermal release study of fission gases from fuel pellets	1971
19720003003	Polarization of photons scattered by atomic Raman effect	1971
19720003004	Principal characteristics of the reactions pion(plus) proton yields proton pion(plus) pion(0) and pion(plus) proton yields proton pion(plus) eta(0) meson at 5 GeV/c. Analysis of the productions Delta hyperon pion, Delta(plus plus) hyperon eta(0) meson and proton rho(plus) meson	1971
19720003066	Structure of the dense plasma focus. Part 2: Neutron measurements and phenomenological description	1971
19720003067	Measurements of the plasma confinement and ion energy in the dense plasma focus	1971
19720003068	Investigation of the minima in the particle confinement time in the Wendelstein 2a stellarator	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720003069	Experimental research on magnetic surfaces and plasma confinement in the Saturn-1 three-turn stellarator-torsatron	1971
19720003070	Research on the transformation and absorption of high frequency waves in a plasma, for the purpose of developing methods of plasma heating	1971
19720003071	A study of guided electro-magnetic waves propagating through a vacuum channel in a plasma	1971
19720003072	Stationary Tokamak	1971
19720003073	The equilibrium, stability, and diffusion of a toroidal plasma of noncircular cross section	1971
19720003074	Investigations of the electrical conductivity and current heating of plasma in a strong stellarator magnetic field	1971
19720003075	Nonlinear theory of the interaction of relativistic and nonrelativistic beams with a plasma. Nonlinear theory of wave transformation	1971
19720003076	Results of recent research on the anomalous resistance of a plasma	1971
19720003077	Dissipative drift modes in Tokamak-type configurations	1971
19720003078	Study of plasma focus by Thomson scattering and neutron anisotropy during neutron emission	1971
19720003079	Spatial-time evolution of a plasma submitted to a discharge current	1971
19720003080	Application of laser produced dense plasmas to controlled fusion	1971
19720003081	A report from the group studying the heating of a plasma confined in a Tokamak type magnetic configuration	1971
19720003082	Collisionless relaxation of an ultrarelativistic electron beam in a plasma	1971
19720003083	New method of magnetic pumping for plasma heating	1971
19720003084	Neoclassical theory of magnetic pumping in toroidal geometry	1971
19720003085	Heating induced conditions and its mechanism of theta pinch plasmas	1971
19720003086	Shock waves and turbulent heating in low density plasmas	1971
19720003087	Experimental research on the collisionless relaxation of ion streams in a plasma	1971
19720003088	Behavior of a plasma in a stellarator, for the case of large electron free path lengths	1971
19720003089	High beta (1 equals 1)-stellarator experiments	1971
19720003090	Thermal instability and control of fusion reactor	1971
19720003092	Fast neutral injection for plasma heating and reactor start-up	1971
19720003093	Effect of fusion reactions on the operation of thermonuclear devices	1971
19720003094	Investigation of ion-cyclotron instability in a plasma formed by fast ions in a magnetic mirror trap	1971
19720003095	Experiments on high-frequency heating of a plasma in a toroidal trap	1971
19720003096	Research on high-frequency heating of a plasma	1971
19720003097	Development of ambipolar electric field and flows in toroidal plasmas	1971
19720003098	Maintaining equilibrium in the uncased TO-1 Tokamak device by means of a feedback system	1971
19720003099	Investigation of macroscopic instabilities of a plasma column in Tokamak devices	1971
19720003100	An investigation of the confinement of a dense plasma in the TOR-1 stellarator	1971
19720003101	Experiments on confinement of a plasma in a circular magnetic well, DECA 2 B	1971
19720003102	The formation of plasma by injection and dissociation of accelerated hydrogen granions	1971
19720003103	Containment of pulse-heated plasma in an octopolar minimum-B configuration	1971
19720003104	Recent developments of the Pleiade device	1971
19720003105	Investigation of plasma decay in the PR-6 adiabatic trap	1971
19720003106	A possible method of obtaining a collisional plasma in a magnetic mirror trap	1971
19720003107	Experimental and theoretical investigation of plasma build-up and microinstabilities in a neutral injection mirror machine	1971
19720003108	Investigations of plasma confinement and heating in the Tokamak T-4 device	1971
19720003109	Advances in research on turbulent heating of a plasma	1971
19720003110	Experiments on plasma heating by the dissipation current driven turbulence	1971
19720003111	Energy balance and dynamics of plasma heating by a beam of electrons accelerated in a straight high-current discharge	1971
19720003112	Turbulent heating of a plasma column in a linear discharge	1971
19720003113	Confinement of a dense turbulently heated plasma in the Ogra-2T device	1971
19720003114	Neutron measurements of the efficiency of current turbulent heating of ions and of the confinement of a hot high-density plasma in a magnetic mirror trap	1971
19720003115	The mechanism of turbulent heating and of losses in Tokamak devices	1971
19720003116	Dynamics of plasma heating in collisionless high-amplitude shock waves	1971
19720003117	Radiation losses in certain thermonuclear systems	1971
19720003118	Experiments in the Tokamak-6 device	1971
19720003119	On some effects in the boundary layers in the MHD generator channel	1971
19720003120	Reduction in the electrical performance of an MHD generator due to the gas boundary layers	1971
19720003121	Effect of gas boundary layers upon the electrical parameters in the dc MHD generator	1971
19720003124	Possibility of suppressing screw modes of hydromagnetic instability of a plasma column carrying a current, by means of a feedback system	1971
19720003139	Study of agglomeration of point defects with an electron microscope	1971
19720003322	Thermodynamics of strong interactions. Lectures given in the academic training programme of CERN, 1970 - 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720003323	Correlation of flameout and ignition characteristics for diffusion combustion of fuel behind systems of angle-bar flameholders	1971
19720003361	Mathematical model for two-dimensional multi-component airfoils in viscous flow	1971
19720003421	On the inheritance of the enzymatic activities of lactate dehydrogenase and malate dehydrogenase in human erythrocytes	1971
19720003422	Measurement of visual reaction time in both positive and transverse g	1971
19720003464	Studies on synthesis and utilization of formose. Part 2: Chromatographic fractionation and identification of formose sugar	1971
19720003608	Optimal linear tracking systems	1971
19720003745	Brazing inoxidizable steels and chromium materials in a stable reducing-fluoridated atmosphere	1971
19720003847	Conformally plane cosmological solutions of the axial symmetry	1971
19720003914	Acoustic roughness and fluctuation strength	1971
19720003957	Theory of inelastic collisions between atoms	1971
19720003990	Applied magnetohydrodynamics. No. 7: Electrical losses in the MHD generator	1971
19720004003	The Dember effect in an inhomogeneous semiconductor and the bulk photovoltaic effect	1971
19720004045	Lubricant and fuel interactions in advanced aircraft gas turbines	1971
19720004089	The moon at the hands of the investigators	1971
19720004091	Astronomy and astrophysics. No. 3: Problems of astrophysics	1971
19720004092	A new type of solar flare	1971
19720004093	The problem of the thermal explosion in a degenerate gas	1971
19720004094	A theory of nonstationary nonadiabatic shock waves	1971
19720004095	Excitation sources in the chromospheric H alpha line	1971
19720004096	A spectral study of active prominences	1971
19720004097	Investigation of RR Lyre type variable stars in the globular cluster M3	1971
19720004098	Stellar rotation theory	1971
19720004099	Investigation of interstellar absorption and distribution of stars in the region alpha (1950.0) equals 19h22m, delta (1950.0) equals plus 17 deg	1971
19720004100	Structural anomalies of the Milky Way in longitudes 338-22 deg	1971
19720004210	Reynolds number requirements for valid testing at transonic speeds	1971
19720004220	A comparison of some aerodynamic drag factors as determined in full-scale flight with wind-tunnel and theoretical results	1971
19720004221	Feasibility of testing a large-chord, swept-panel model to determine wing shock location at flight Reynolds number	1971
19720004223	Transonic testing in existing wind tunnels	1971
19720004231	A facility concept for high Reynolds number testing at transonic speeds	1971
19720004233	MSFC high Reynolds number tube tunnel	1971
19720004244	Uniform flow past finite bodies in the transonic velocity range	1971
19720004295	Effect of sonic boom on structures. Third report: Measurement of eigenfrequencies of building structures which are sensitive to the ""boom""	1971
19720004306	Effect of sonic boom on buildings (Second report: Elaboration of a method for calculating the deformation of constructions)	1971
19720004364	Medical research performed on the flight program of the Soyuz-type spacecraft	1971
19720004365	The utilization of the achievements of space medicine in the care of public health	1971
19720004367	Relation between lactic dehydrogenase and alpha-hydroxybutyric dehydrogenase of the red and white blood cells	1971
19720004372	Plasma volume and corpuscle mass determined with serum albumin with I-131 and with red corpuscles marked with Cr-51	1971
19720004373	On the dynamics of various rhythms in the electrocorticogram of a cat asleep and awake	1971
19720004374	Some results of biotechnical tests and biological research ""Kosmos-368""	1971
19720004375	Relationship between substrates, respiration and structure of mitochondria in Euglena gracilis (Z)	1971
19720004401	Experimental basis of several methods of preventing unfavorable effects of weightlessness	1971
19720004425	Study of the structure of physisorbed phases by thermodynamic analysis of stepwise isotherms of krypton, xenon, argon, and methane on the cleavage face of halides having a layer like structure	1971
19720004495	Field distribution measurements in linac	1971
19720004507	Scaler of 100 MHz for physical experiments	1971
19720004538	Safety systems for avoiding irradiation accidents around accelerators	1971
19720004539	Measurements and correction of the magnetic field of the 1 GeV synchrocyclotron of the A. F. Ioffe Physico-Technical Institute (Order of Lenin). Part 1: Shaping the radial fall-off and correcting azimuthal non-uniformities	1971
19720004540	Van de Graff Laboratory progress report	1971
19720004541	Measurement and correction of the magnetic field of the A. F. Ioffe Physico-Technical Institute (Order of Lenin) 1 GeV synchro-cyclotron. Part 2: Correcting the position of the median surface	1971
19720004545	A pion beam for radiobiological and dosimetric studies, using a proton synchrotron external target	1971
19720004546	High power microwave water load for the Risoe 10-MeV linear accelerator	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720004547	Note on the energy spread versus radial oscillation amplitude for the synchrocyclotron regenerative beam extractor	1971
19720004563	Cesium vapor condensation from argon flows	1971
19720004572	Time-dependent calculation method for transonic nozzle flows	1971
19720004672	The dust-sand flows and storms in the atmosphere from space imagery	1971
19720004673	Man-made environment as viewed from space: Water and air pollution	1971
19720004679	Microwave radiometric investigations of mine subsidence in Rock Springs, Wyoming	1971
19720004722	Apollo 14 photography 70-mm, 35-mm, 16-mm, and 5-inch frame index, part 2	1971
19720004723	Apollo 14 photographic catalog, part 3	1971
19720004734	On lightning protection with a remote lightning rod	1971
19720004735	Computation of the wideband Michelson interferometer for far infrared radiation	1971
19720004741	Equipment for remote control of gamma scanning in a hot cell	1971
19720004746	Video enhancement: Principles and techniques. Video color enhancement viewer	1971
19720004747	Additive color image enhancement techniques and equipment	1971
19720004748	A comparison of enhancement viewers	1971
19720004749	Apollo 9 scientific experiment no. 065	1971
19720004750	Use of enhancement equipment on aerial photography of Garden and Bush Keys in the Dry Tortugas, Florida	1971
19720004751	Geological studies of Yellowstone National Park imagery using an electronic image enhancement system	1971
19720004752	Open-pit mining evaluation: Image enhancement (Twin Buttes open-pit copper mine), Tucson, Arizona	1971
19720004753	Observation of finer detail in cold spring flow patterns across Mono Lake (California) using an infrared image	1971
19720004754	Aerial photographic studies of the coastal waters of New York and Long Island	1971
19720004759	Forming tool for ribbon or wire	1971
19720004765	Investigation of frictional processes by means of exoelectron emission	1971
19720004793	Numerical experiments on laser sounding of the atmosphere from outer space	1971
19720004806	Certain causes of the effect of sample physical properties on the assimilation of a substance during spectral analysis of alloys using optical lasers	1971
19720004810	Cyclic creep and relaxation of heat resistant alloys	1971
19720004812	Investigation of the thermoelectric properties of palladium-rhodium alloys	1971
19720004814	Fundamental considerations on spinel formation in scale layers and on the transport properties of the spinels	1971
19720004815	Study of oxygen adsorption on tungsten through measurement of work function variation and adhesion coefficient	1971
19720004820	Polymorphic transformations of rhodium	1971
19720004865	Investigations of cemented and detachable joints of fiber reinforced plastics	1971
19720004867	Anode effect and graphite fluoride	1971
19720004880	Optimization of linear, time invariant systems by means of quadratic criteria	1971
19720004898	Meteorological aspects of atmospheric pollution and possibilities of observation from space	1971
19720004901	The physics of exhaust condensates in the wake of airplanes	1971
19720004958	Contribution to research on the behavior of fission products in nuclear fuels by measurement of the vapor pressures of the constituents of (UPu)O ₂ irradiated in a fast neutron flux	1971
19720004959	Program for the optimal reactivity profiles in one-dimension cylindrical reactors (REPO)	1971
19720004971	Temperature field in a fuel element with the arbitrary distribution of heat sources	1971
19720005026	Contribution of the exchange mechanism to the backward scattering of protons by light nuclei and the d plus He-4 yields He-3 plus H-3 reaction	1971
19720005039	Radionuclide and reactor chemistry research	1971
19720005040	Studies of epithermal cell parameters in the reactor lattices with multitube enriched fuel	1971
19720005044	Nanosecond pulsed beam experiments at the heavy ion cyclotron	1971
19720005048	Distribution of dose and induced activity around external proton beam targets	1971
19720005055	On the number of resonances of nonlocal separable potentials	1971
19720005056	Possibility of existence of a new process at interactions with energies above 10 to the 12th power eV	1971
19720005057	Application of the Pade approximation to the problem for bound states in quasipotential approach	1971
19720005059	Dual amplitude with Mandelstam analyticity	1971
19720005060	Model of the multiple particle production	1971
19720005070	Unitarity, factorization theorem and removal of level degeneracy in dual resonance model	1971
19720005074	High-intensity (10-16) GeV/c negative particle beam	1971
19720005079	New information of Ba-132 levels excited in the decay of La-132 and La-132 [c]m	1971
19720005096	Parameter study for a transit time magnetic pumping experiment in a torus	1971
19720005097	Ratio of longitudinal and transverse diffusion coefficients in argon SHF discharge	1971
19720005098	Measurement of transverse diffusion coefficients in SHF plasma	1971
19720005099	Synthesis report on the project of neutral particle injection in a quadrupolar coil	1971
19720005100	General rules for current processes in plasma heating in pulsed Z-discharges	1971
19720005102	Survey of studies of laser produced plasmas at the IPP garching	1971
19720005114	Plasma application in chemical technology. 2: Plasma generation methods: Plasmotrons	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720005119	Cation-rich oxides. The crystal structure of LiInO3	1971
19720005156	One possibility of searching for quarks in extensive air showers of cosmic rays	1971
19720005157	Cosmology and high energy particles	1971
19720005182	Light conditions in the Venusian atmosphere and estimates of the optical characteristics applicable to the task of photographing its clouds and surface	1971
19720005202	Implications of the hypothesis of extinct fissioning isotope in the primitive meteorites	1971
19720005208	Flying infrared telescope observations of far infrared sources	1971
19720005214	Spacecraft attitude sensors with emphasis on the orbiting astronomical observatory	1971
19720005241	Must the test program for the europa rockets be revised?	1971
19720005333	Calculation procedures for three dimensional aerodynamics in perfect fluids	1971
19720005334	The high lift wing: Remarks on the prediction of characteristics	1971
19720005347	Vehicle technology for civil aviation: The seventies and beyond. Keynote address	1971
19720005348	High-lift aerodynamics	1971
19720005349	Subsonic and transonic aerodynamic research	1971
19720005350	Supersonic aerodynamic technology	1971
19720005351	Hypersonic airplane aerodynamic technology	1971
19720005352	Materials for jet engines	1971
19720005353	Subsonic and supersonic propulsion	1971
19720005354	Hypersonic air-breathing propulsion systems	1971
19720005355	Structures technology for hypersonic vehicles	1971
19720005356	Materials application to civil aircraft structures in the seventies and beyond	1971
19720005357	Fatigue and fracture	1971
19720005358	Automated design methods in structural technology	1971
19720005359	Advanced active controls technology	1971
19720005360	The airport-airplane interface: The seventies and beyond	1971
19720005361	The pilot-aircraft interface	1971
19720005362	Advanced avionic systems	1971
19720005363	Trends in aircraft noise alleviation	1971
19720005364	General aviation: The seventies and beyond	1971
19720005365	Direct-lift jet V/STOL concepts	1971
19720005366	Rotorcraft applications and technology	1971
19720005367	Effects of advanced technology on STOL transport aircraft	1971
19720005368	Subsonic-transonic transport aircraft projections	1971
19720005369	Properties of oblique-wing/body combinations for low supersonic speeds	1971
19720005370	The second-generation supersonic transport	1971
19720005371	Hypersonic transports	1971
19720005413	Glycolysis in adenovirus infected rat cell cultures and in adenovirus type 12 induced hamster sarcoma cells	1971
19720005415	Health physics and medical division	1971
19720005456	Thermal activation energy and the problem of the emission mechanism during exoelectron emission from NaCl, part 3	1971
19720005585	New magnet power supply of the CERN proton synchrotron. Part 1: General description	1971
19720005589	Shielding of fast neutrons from the cyclotron for medical biological research	1971
19720005591	Status report on the electron-positron storage ring adone	1971
19720005593	Physical and geometrical parameters of ANNA critical assemblies, part 1	1971
19720005594	Influence of the magnetic field on the spark chamber efficiency	1971
19720005595	Time properties of a spark chamber filled with helium and helium-hydrogen mixture	1971
19720005624	Expansion of a turbulent jet boundary layer in a slipstream	1971
19720005721	The study and calibration of pressure transducers in particular environments	1971
19720005722	Study of the distortion of plates obtained with electronic camera	1971
19720005792	Attenuation of laser radiation in the atmosphere	1971
19720005850	Recombination Luminescence in Irradiated Silicon: Effects of Thermal Annealing and Lithium Impurity	1971
19720005873	New Monte Carlo technique for radiation transport problems: calculation of the combined spatial, angular, and energy distribution of multiply scattered gamma rays	1971
19720005874	Invariance of the Schroedinger equation relative to the Galilean transformation	1971
19720005896	Recent developments in satellite techniques for observing and sensing the atmosphere	1971
19720005897	Possibilities for sounding the atmosphere from a geosynchronous spacecraft	1971
19720005898	A radio altimeter for balloons and some meteorological applications	1971
19720005899	Accurate pulse radar altimeter for meteorological balloons	1971
19720005900	Image correlator for cloud displacement measurement	1971
19720005901	Vorticity and divergence computations from cloud displacements	1971
19720005902	Time variation of tropical energetics as viewed from a geostationary altitude	1971
19720005903	On the possibility of predicting the development of cloud clusters from the large scale wind field using geostationary satellite pictures	1971
19720005904	Convective transport of mass and energy in severe storms over the United States: An estimate from a geostationary altitude	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720005905	A demonstration of the intercontinental dissemination of graphic meteorological data utilizing telecopiers and radio telephony	1971
19720005906	The radiation balance of the earth atmosphere system during June and July 1969 from Nimbus 3 radiation measurements: Some preliminary results	1971
19720005907	Application of simultaneous infrared radiation measurements and cloud photographs from satellites	1971
19720005960	A high sensitivity method for measuring magnetic field integrals	1971
19720005992	The (n, alpha) reactions on heavy nuclei induced by 14.2 MeV neutrons	1971
19720005996	Circular polarization of gamma rays	1971
19720005998	Distorted wave born approximation programmes for inelastic scattering of charged particles MIS-0, MIS-2, MIS-3, MIS-4 and MIS-5	1971
19720006002	Physics Department	1971
19720006006	High-current techniques in present-day nuclear fusion research and development (parts 1 and 2)	1971
19720006030	Turbulent resistivity, diffusion, and heating	1971
19720006033	Investigation of plasma drift and equilibrium in toroidal magnetic field with divertor	1971
19720006121	Astrometrical research	1971
19720006122	Investigation of five diffuse star clusters	1971
19720006123	Proper motions of four variable stars of the U Geminorum type and stars in their vicinity	1971
19720006124	Photoelectric method of recording star transits and its application at the Astronomical Institute of the Academy of Sciences of the Uzbek SSR	1971
19720006125	Differential catalogue of right ascensions of 102 stars of the Tashkent wide zenith zone	1971
19720006126	Investigation of the pivots of the Tashkent meridian circle	1971
19720006163	Lunar soil simulant studies	1971
19720006164	Determination of in situ soil properties utilizing an impact penetrometer	1971
19720006165	Lunar soil stabilization using urethane foamed plastics	1971
19720006166	Feasibility study of admixture soil stabilization with phenolic resins	1971
19720006173	Studies on fluid conductivity of lunar surface materials: Theoretical studies	1971
19720006174	Studies on fluid conductivity of lunar surface materials: Experimental studies	1971
19720006336	Preliminary results on two-segment noise abatement studies	1971
19720006337	Experimental study on the ground effect of a model helicopter rotor in hovering	1971
19720006338	Method of measurement and analysis of noise of an aircraft in flight	1971
19720006374	Loss of activity of the oxygen electrode based on the silver catalyst/PTFE system	1971
19720006376	Gondola supply of Eole balloons: Balance of power calculations	1971
19720006384	Compatibility tests: Electronic-battery-destruction temperature	1971
19720006386	Evaluation program for secondary spacecraft cells. Acceptance test of General Electric Company 6.0 ampere-hour nickel-cadmium cells	1971
19720006413	Visual acuity and visibility, experiments S008 and D013	1971
19720006466	The integration of the orbiting primate experiment with the integrated Medical and Behavioral Laboratory Measurement System for a manned space flight	1971
19720006495	Continuous manufacture of phthalates from phthalic anhydride and high boiling alcohols	1971
19720006496	Testing of plastic utensils: Polarographic determination of di-(2-ethylhexyl)-phthalate and investigation of the tendency to migration	1971
19720006497	Flame-inhibiting PVC mixtures with chloroparaffins. Part 2: Mixtures with phthalic acid ester-primary plasticizers	1971
19720006499	Photodissociation of H ₂ , N ₂ , O ₂ , NO, CO, H ₂ O, CO ₂ and NH ₃ in the extreme vacuum UV spectrum	1971
19720006501	Fractionation of phthalic resins, and determination of the dispersions of their molecular weights	1971
19720006524	METEOSAT: PCM transmission of images	1971
19720006525	Reducing the structural and functional redundancy in complex information systems	1971
19720006526	Mathematical problems of compressing large masses of measurement information	1971
19720006529	Study of hybrid electromagnetic waves in cylindrical structures: Application of results to deflector modes	1971
19720006566	The activity of a source of articulation	1971
19720006568	Sequential coding of information produced by discrete sources with a finite memory	1971
19720006569	Using natural and algorithmic redundancy in information systems and automatic control systems	1971
19720006570	Information system redundancy and how to reduce it	1971
19720006586	Eole Balloon project. Report on tests of prototype equipment: Destructor	1971
19720006627	Silicon pulse chamber for measurements of X and gamma dose rate	1971
19720006718	The feasibility of studying atmospheric pollution with satellites	1971
19720006719	Some results of spectrophotometric measurements of the earth from the Soyuz-7 spacecraft	1971
19720006720	Results of visual observation of the nighttime, twilight, and daytime horizon of the earth from the Soyuz-9 spacecraft	1971
19720006721	An observation of mesospheric (noctilucent) clouds from space	1971
19720006723	Rotation of the earth, deformation of the earth's crust, and solar activity	1971
19720006725	The hydroxyl radiation problem and ways to solve it	1971
19720006726	Mesospheric circulation and noctilucent clouds in the spring of 1967	1971
19720006727	Model of variations in the density of the earth's atmosphere at altitudes of 30-80 Km	1971
19720006728	Experimental evidence for the existence of streams of the ions H(+), He(+), and O(+) in the exosphere	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720006729	Some results of the integrated composite subsatellite geophysical experiment	1971
19720006737	Ozone determinations by lunar rocket photometry	1971
19720006807	Contributions to the theory of the microscope and microscopic observations	1971
19720006811	EOLE balloon sensors	1971
19720006815	Vacuum radiation test of thermal mock-up of infrared detector cooling system	1971
19720006839	Investigation of the retention characteristics of screwed connections under dynamic load exposure	1971
19720006906	Micrographic studies of two weakly charged uranium alloys ruptured at various temperatures	1971
19720006939	The toxicity of plasticizers used in processing plastics	1971
19720006940	Identification of plasticizers in plastics by thin-layer chromatography	1971
19720006941	Determining the gelation properties of plasticizers using the Brabender plastograph	1971
19720006975	Coding a sequence of discrete readings of monotonic functions	1971
19720006977	Stabilization of Optimal Difference Procedures for Numerical Integration of Ordinary Differential Equations	1971
19720007039	Possible space applications of nuclear power supply, particularly for direct television broadcasting	1971
19720007048	Soundproofing and filling in of engines	1971
19720007050	Studies of coherent and incoherent structures of noise of aerodynamic origin	1971
19720007051	A continuous-group conception of redundancy in object images	1971
19720007052	Electron-optical cylinder lens action of the stray fields of a condenser	1971
19720007098	Measurements of current density distributions in Tokamak-plasmas due to an asymmetry in a scattered spectrum	1971
19720007099	Wave transformation conditions in longitudinally inhomogeneous plasma	1971
19720007100	Study of location of wave transformation region in ultrahigh frequency discharge plasma	1971
19720007193	The wavelength dependence of atmospheric extinction	1971
19720007194	Explorer 42, UHURU, 1970-101A	1971
19720007198	A determination of the parameters of the Venusian atmosphere at the average surface level from radioastronomical and radar measurements	1971
19720007200	Numerical modeling of heat transfer by radiation and convection in the Venusian atmosphere	1971
19720007201	On radiative heat transport in the atmosphere of Venus under the clouds	1971
19720007230	Residual gas investigations during the ESRO 1 satellite tests	1971
19720007238	The PEOLE satellite	1971
19720007240	EOLE Balloons project: Description of the destructive equipment	1971
19720007320	Estimating the redundancy of information in industrial sampling and information transmission systems	1971
19720007377	Examinations for determining muscle atrophy threshold	1971
19720007378	Problems of Physiological Optics. Volume 15: Physiology of Vision Under Normal and Extremal Conditions	1971
19720007379	Course of development of the physiology of vision and of physiological optics in the USSR over the last 50 years	1971
19720007380	Simulation of the color vision process in man	1971
19720007381	Certain psychophysiological principles of color perception described by a nonlinear model	1971
19720007382	Deductive construction of a model for the lower metric of color	1971
19720007383	Operator analysis of electroretinograms	1971
19720007384	Possible forms of color vision	1971
19720007385	Methods of spectral indication	1971
19720007386	Light and color thresholds of lights against a background of different brightness	1971
19720007387	Color discrimination in persons with low visual acuity	1971
19720007388	Microinterval analysis of the development of visual perception	1971
19720007389	Investigation of the critical discreteness interval of the visual system	1971
19720007390	The retina as an indicator of cortical induction phases	1971
19720007391	Time of visual perception under the action of therapeutic X-ray doses on the diencephalo-hypophysial region	1971
19720007392	Functional efficiency of the visual analyzor during work with microscopes	1971
19720007393	Short latency processes in the visual system of cats	1971
19720007394	Recruiting of neurons of the rabbit superior colliculi in responses	1971
19720007395	Influence of prolonged photic and acoustic stimuli on unit activity in the lateral geniculate body of rabbits	1971
19720007396	Hypothalamic potentials evoked by photic stimulation of the retina	1971
19720007397	Light evoked potentials in healthy persons and in patients with pathological lesions in various parts of the visual system	1971
19720007398	Photoreactivity of the pigmented epithelium of the eye	1971
19720007399	New data on the mechanisms of action of ionizing radiation on functional properties of the retina	1971
19720007400	Basic problems of the physiology of the visual analyzer under extremal conditions	1971
19720007401	Effect of spaceflight factors on visual functions	1971
19720007402	Investigation of spatial vision of a flight crew	1971
19720007403	Study of achromatic and chromatic visual sensitivity during short periods of weightlessness	1971
19720007404	Role of Convergence in Distance Perception During the Landing of an Aircraft	1971
19720007405	Study of dynamic visual acuity	1971
19720007406	Restoration of visual acuity after a bright light flash of short duration	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720007407	Certain features of the effect of short term super-bright light flashes against a background of total dark adaptation	1971
19720007408	On the problem of the refraction of the fish eye	1971
19720007409	Histochemical heterogeneity of retinal neurons exemplified by distribution of acid phosphatase activity	1971
19720007410	A study of the fundus oculi in polarized light	1971
19720007411	Use of polarized light to study the anatomy, physiology, and pathology of the fundus oculi	1971
19720007412	Methods of investigating the accommodation time in man	1971
19720007413	The method of constant periods	1971
19720007414	Comparison of the binocular functions during isometropia and anisometropia	1971
19720007422	Relative biological effectiveness of 3-GeV proton beams in producing cataracts in rabbits	1971
19720007444	Isometric exercises: A means of preventing muscular atrophy in the treatment of fractures of the extremities	1971
19720007450	Biotechnical life support system for space objects	1971
19720007485	In line determination of corrosion rates in high temperature environments by the linear polarization method	1971
19720007495	Stochastic spaces	1971
19720007697	Waves generated by a controlled beam of electrons artificially injected into the ionosphere: The Electron Echo experiment	1971
19720007716	A sounding rocket experiment for measuring energetic charged particles	1971
19720007717	Variations in the high latitude proton trapping boundary associated with polar magnetic substorms	1971
19720007733	Color infrared (CIR) photography: A tool for environmental analysis	1971
19720007734	Magnetopause motions, DP-2, and the growth phase of magnetospheric substorms	1971
19720007754	Interplanetary magnetic sector polarity inferred from polar geomagnetic field observations	1971
19720007756	Quiet-time observation of a coherent compressional Pc-4 micropulsation at synchronous altitude	1971
19720007790	Observations on the periodic radiometric calibration of portable protection dosimeters	1971
19720007792	Measurement of the fast neutron fluxes in an experimental critical assembly. 1: Feasibility study of the doped glass dosimeter	1971
19720007842	Properties of an electron source with laser induced electron emission	1971
19720007875	Compatibility of ferric steels with liquid sodium at high temperatures	1971
19720007910	New variational methods in flight dynamics	1971
19720007929	Experiments in correlating the radioactivity of the air and precipitations at ground level with various meteorological parameters	1971
19720007970	New method for information pick up from spark chambers	1971
19720007981	The calculation of achromatic prisms in Cherenkov counters	1971
19720008007	The calculation of the relative concentration of the radioactive particles falling on the earth's surface	1971
19720008019	Wills plasma physics department	1971
19720008022	Tokamak bibliography	1971
19720008023	Determination of the products from electron density and magnetic field in a small theta pinch by polarimetry at 633 NM	1971
19720008024	Remark on trapped particle pinch in a Tokamak	1971
19720008025	Theoretical and experimental studies of direct, high current discharges in vacuum	1971
19720008065	Interplanetary flight and communication. Volume 2, no. 5: Theory of rocket propulsion	1971
19720008085	Interplanetary sector structure at solar maximum	1971
19720008086	A rotating solar magnetic dipole observed 1926 - 1968	1971
19720008100	Interplanetary flight and communication. Volume 1, No. 2: Spacecraft in science fiction	1971
19720008119	Relativistic cosmology and space platforms	1971
19720008264	Thermodynamic and transport properties of air and CO2	1971
19720008265	Vibration of U-bend segments of heat exchanger tubes	1971
19720008362	Biological aspects of skin irradiation. Part 3: New epidermal thickness measurements and their importance	1971
19720008380	An Overview of the NASA Post-Apollo program	1971
19720008381	Flight results in manned space flights to date and proposed programme for Skylab medical experiments	1971
19720008382	The interaction of living systems with the space environment observations from the United States space biology missions	1971
19720008383	Life sciences aspects of the space shuttle and space station	1971
19720008384	Light flash phenomenon seen by astronauts	1971
19720008402	Health physics instrumentation and systems	1971
19720008442	Vegetation mapping with side looking airborne radar: Yellowstone National Park	1971
19720008453	Infrared and multispectral remote sensing	1971
19720008467	On backscattering from two scale rough surfaces	1971
19720008522	Phase Shift Circuit Apparatus	1971
19720008545	Accelerators in medicine, industry, and agriculture	1971
19720008546	Large scale production of Ac-227 and development of an isotopic heat source fueled with Ac2O3	1971
19720008547	Value of a low-energy accelerator in advancing nuclear technology in developing countries	1971
19720008609	Radioactive tungsten in the atmosphere following Project Schooner	1971
19720008611	Neutron activation analysis uses in environmental pollution problems	1971
19720008649	Information properties of particle telescope consisting of multiplex scintillation counters	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720008650	Track chamber with the charge multiplication inside the film electrodes	1971
19720008651	Charge multiplication in the liquid filled filament counter	1971
19720008652	Use of the high voltage electron microscope to simulate fast neutron induced void swelling in metals	1971
19720008653	Calibration of image-plane digitizers	1971
19720008694	Properties and manufacture of zircaloy cladding tubes	1971
19720008710	Single-exposure imaging device for infrared and submillimeter wavelength laser	1971
19720008711	Neodymium glass laser system	1971
19720008742	Effect of alpha-ray irradiation on creep rupture properties of austenitic stainless steel	1971
19720008749	Preferential deposition of thin silver films induced by electron bombardment	1971
19720008878	Research on controlled thermonuclear fusion in the Commissariat a l'Energie Atomique	1971
19720008879	Organization of research in the Grenoble Nuclear Centre in conjunction with the university and industry	1971
19720008880	Use of research reactors in the United Kingdom for neutron beam studies of condensed matter	1971
19720008881	Developments in pulsed neutron source studies of heterogeneous moderator systems	1971
19720008882	Utilisation of British university research reactors	1971
19720008883	IBR-2 reactor, reactivity pulse device design and its optimization	1971
19720008884	Studies on radiation effects at JAER	1971
19720008885	Controlled nuclear fusion	1971
19720008886	Progress on research towards a controlled thermonuclear reactor	1971
19720008887	Role of a research reactor in science technology and education in Hungary	1971
19720008888	Multilevel data-based computer code system for in-core fuel management in light water reactors	1971
19720008889	Tokamak with superposed multipole magnetic field	1971
19720008890	TRACE: Fuel cycle computer code for fast reactor analysis	1971
19720008893	Nuclear thermal studies in France and their applications to other fields	1971
19720008894	Isotope powered thermo-electric generators	1971
19720008907	Estimation of friction factor of rough surfaces from the pressure distribution around a roughness element	1971
19720008909	Acoustically induced vibrations of slender rods in a cylindrical duct	1971
19720008931	Survey dosimetry in a field of 1200 Curies of gamma rays	1971
19720008933	New tool in physics of elementary particles	1971
19720008934	Electron microprobe analysis of highly radioactive materials	1971
19720008935	Serpukhov proton accelerator and physical investigations using particle beams with energy up to 70 GeV	1971
19720008936	Effect of ionising radiation on synthetic resins at very low temperature. An initial study	1971
19720008937	Uses of isotopes and radiation in the applied sciences and technology in Spain	1971
19720008938	Method of isotope tracers and its use in the industrial production	1971
19720008939	International cooperation of the USSR in the field of peaceful atomic energy utilization	1971
19720008940	Investigation of the effects of neutron irradiation on the coarsening kinetics of gamma prime particles on a nickel based alloy	1971
19720008941	Search for particles with partial charge in showers	1971
19720008942	Application of small angle X-ray scattering to the study of irradiation produced defects	1971
19720008944	Multiply charged ion source. Design of electron gyromagnetic resonance source	1971
19720008948	Applications of isotopes for industrial measurements and control	1971
19720008970	Study of plasma containment in TOR-1 stellarator	1971
19720008974	Theoretical and experimental study of nonlinear processes in a plasma	1971
19720008975	Excitation of longitudinal electromagnetic waves in a bound plasma during injection of relativistic electron beams	1971
19720008976	Penetration of electromagnetic wave into the plasma of exponential density distribution	1971
19720008977	Radiation losses of a theta pinch plasma in the wavelength range 100 to 200 angstroms	1971
19720008980	Space-time evolution of a plasma subjected to a discharge current	1971
19720008981	Coupling of em waves in an inhomogeneous plasma	1971
19720008982	Trapped-particle instabilities and diffusion rates in a Tokamak plasma	1971
19720008983	Problems of injection of relativistic electron beams into plasma	1971
19720008985	Utilization of selective change of plasma optical thickness to determine the electron density	1971
19720008986	Contribution to the study of plasmas. An ultra rapid photometric camera	1971
19720009001	Vapor phase growth system and its use in the preparation of several III-V compound semiconductors: Introduction, technical discussion, conclusions, recommendations, and new technology appendix	1971
19720009002	The vapor phase growth of several III-V compound semiconductors, appendix A	1971
19720009003	The preparation and properties of vapor-deposited single-crystalline GaN, appendix B	1971
19720009004	The preparation and properties of vapor grown In(1-x)Ga(x)P, appendix C	1971
19720009005	Vapor Growth of Ga(1-x)In(x)As alloys for infrared photocathode applications, appendix D	1971
19720009006	Vapor growth and properties of AIAs, appendix E	1971
19720009007	Photo- and cathodoluminescence in vapor-grown AIAs, appendix F	1971
19720009008	Thermal expansion of AIAs, appendix G	1971
19720009009	The preparation of visible-light-emitting p-n junctions in AIAs, appendix H	1971
19720009010	Vapor-phase growth of epitaxial GaAs(1-x)Sb(x) alloys using arsine and stibine, appendix I	1971
19720009011	The preparation and properties of vapor deposited epitaxial InAs(1-x)P(x) using arsine and phosphine, appendix J	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720009014	Report on the Culham superconducting levitron	1971
19720009016	Secondary high-temperature creep of poly-crystalline magnesium oxide	1971
19720009042	Inlet-engine-nozzle wind tunnel test techniques	1971
19720009048	Some aspects of propulsion for the augmentor-wing concept	1971
19720009059	A flight investigation of steady state and dynamic pressure phenomena in the air inlets of supersonic aircraft	1971
19720009084	Measurements of energy and flux of cosmic ray hadrons using an ionization spectrometer	1971
19720009085	Cosmic ray NM-64 neutron monitor data, 18	1971
19720009193	Rocket-sled model study of prediction techniques for fluctuating pressures and panel response	1971
19720009207	Equivalent mechanical model of propellant free-surface vibrations in the Saturn S-IVB workshop configuration	1971
19720009208	The effect of liquid oscillations on the LM propellant quantity gauge system	1971
19720009292	Convective heat transfer in longitudinal flow through tubes and rod bundles	1971
19720009295	Investigations of the dynamics of heat transfer. Part 2: Model of axial heat transfer in turbulent tube flow	1971
19720009332	World energy requirements and resources in the year 2000	1971
19720009333	Science and technology strategy of the United Nations; the role of nuclear technology	1971
19720009334	Analysis of the safety problems due to fluorine and fluorine compounds	1971
19720009371	Equipment for intervention in a radioactive environment	1971
19720009452	Purification of carbon monoxide	1971
19720009513	Experimental behavior of bipolar transistors subjected to intense pulses of ionizing radiation and the resulting anomalies	1971
19720009514	CAMAC: High-voltage module type LEM-52/15.1	1971
19720009530	Shaper of pulses from the semiconductor radiation detectors with RC and RLC chains	1971
19720009535	Vacuum magnetic fields of linear stellarators with shaped coils	1971
19720009537	Multi-purpose irradiation plant and the quality control of radiation sterilization of medical equipment	1971
19720009540	Some problems in the construction of a collective accelerator (Koltsetron)	1971
19720009541	Acceleration of the Xe ions in the JINR cyclotrons	1971
19720009543	Damping of the effect of the increase of beam dimensions due to the influence on nonlinear resonances at the IHEP accelerator	1971
19720009544	Measurement of the frequencies of betatron oscillations at the IHEP accelerator at medium and high energies	1971
19720009560	Asymptotic behavior of the two-stream instability	1971
19720009561	Linear conversion of waves for an oblique incidence	1971
19720009593	The meteorological structure of the mesosphere including seasonal and latitudinal variations	1971
19720009607	Rocket measurements of ion and electron densities in the D-region during sunrise	1971
19720009629	Some applications of radioisotopes in coastal pollution control	1971
19720009637	Study of collisional drift and resistive gravitational instabilities in a diffusion column	1971
19720009684	Recent developments affecting the hydrogen maser as a frequency standard	1971
19720009725	A new determination of Avogadro's number	1971
19720009745	Precision measurements of the fine structure and lifetimes of the (1s2s2p) 4P sub J states of He(minus) and Li resonance	1971
19720009749	Ratio of Atomic g sub J values for hydrogen and deuterium: A isotope effect	1971
19720009758	Measurement of the Newton gravitational constant G	1971
19720009781	Simple ionization measuring device for bubble chamber pictures	1971
19720009782	Measurement of thicknesses of various materials using Si(L ji) and surface barrier detectors	1971
19720009783	Strip semiconductor detectors with digital position readout	1971
19720009784	Deflection equipment for the pulsed operation of a lead spectrometer	1971
19720009786	Apparatus fruit for the continuous measurement of creep in uranium	1971
19720009787	Integrating digital voltmeter and analog multiplexer in CAMAC system	1971
19720009788	Passive maximum temperature measuring system using fusible elements	1971
19720009789	Digital base magnetometry with a Hall effect probe	1971
19720009814	Some remarks concerning zirconium alloy welding	1971
19720009831	Optically-induced physical damage to LiNbO3, proustite, and LiIO3	1971
19720009834	Direct nondestructive measurement of self-focusing in laser glass	1971
19720009855	Properties of zirconium alloys from the operation standpoint	1971
19720009860	Diffusion coefficient as a guide to prospects for high-temperature zirconium alloys	1971
19720009871	Non-magnetic stainless steels for cryogenic purposes	1971
19720010086	Synopsis of the activities of the Joint Research Centre of the Commission of the European Communities	1971
19720010103	Transport properties of dilute magnetic alloys in magnetic fields	1971
19720010121	Applications of radioisotopes and radiation sources in industry, radiation processing and hydrology: Current status in India	1971
19720010126	Development and improvement of a new in-pile technique of neutron spectrometry based on the (n,p) collisions	1971
19720010127	Bibliographies in nuclear science and technology. Section 21: Dosimetry	1971
19720010128	Calculations on the trajectory of electrons in an adone magnet used as a momentum analyzer	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720010130	Experimental setup for carrying out low temperature alpha radiation	1971
19720010139	Plasma confinement in the DECA-2 B circularized magnetic well	1971
19720010140	Dissipative instability associated with electrons trapped in Tokamak-type configurations	1971
19720010141	Parameter study for a transit time magnetic pumping experiment in a torus	1971
19720010142	Plasma heating at the lower hybrid resonance	1971
19720010143	Electrostatic instabilities in a two-component anisotropic plasma	1971
19720010144	Nonlinear harmonic generation in a thermal magnetized plasma	1971
19720010145	Lower-hybrid wave-plasma interaction	1971
19720010146	Measurement of the plasma current distribution in a Tokamak device with alpha particles injected transverse or parallel to the toroidal axis	1971
19720010147	High-frequency resonant plasmas	1971
19720010148	On the validity of the quasi-linear approximation for turbulent plasmas	1971
19720010151	Simple low-loss coupling method for RF heating of plasma ions by electrostatic ion-cyclotron waves	1971
19720010152	Optical method for studying the ion velocity in an accelerated plasma beam	1971
19720010153	Microwave interferometric measurements in the medium-beta torus (JFT-2)	1971
19720010154	Side-on interferometry at wave length 10.6 mum in theta-pinch plasmas	1971
19720010156	Dielectric properties of plasma penetrated by the helicon wave and its influence on microinstabilities in the case of anisotropic ion temperatures	1971
19720010158	Laser plasma injection into a stellarator	1971
19720010284	TOFA: A CDC 6600 computer code for torsional frequency analysis	1971
19720010561	Protective device to avoid complete saturation of a transformer with a compound magnet core	1971
19720010682	Monitoring earth resources from aircraft and spacecraft: Introduction	1971
19720010683	Additive-color image enhancements: Techniques and equipment	1971
19720010684	Analysis of earth resources in the Phoenix, Arizona, area	1971
19720010685	Analysis of agricultural resources in the Imperial Valley, California	1971
19720010686	A preliminary vegetational resource inventory and symbolic-legend system for the Tucson-Willcox-Fort Huachuca triangle of Arizona	1971
19720010687	Evaluation of wildland resources of the NASA Bucks Lake test site	1971
19720010688	A land-use classification system from Apollo 9 photographs for the Mississippi-Louisiana area	1971
19720010689	Multistage sampling of earth resources with aerial and space photography	1971
19720010690	The use of small-scale aerial photography in a regional agricultural survey	1971
19720010691	Significance of the results obtained in relation to user requirements	1971
19720010692	Monitoring earth resources from aircraft and spacecraft: Summary and conclusions	1971
19720010734	Changes in magnetospheric configuration during substorm growth phase	1971
19720010766	Apollo mission 14 lunar photography indexes	1971
19720011030	Application of the thermal energy of a nuclear reactor to iron ore reduction	1971
19720011051	One method of determining the charge of heavy nonrelativistic particles	1971
19720011069	Nonlinear evolution and saturation of an unstable electrostatic wave	1971
19720011165	The effects of propagation and source distribution on cosmic ray composition and anisotropy	1971
19720011167	Supernova explosions	1971
19720011168	The role of neutron stars in the acceleration of cosmic rays	1971
19720011177	Interplanetary Flight and Communication, volume 1, no. 3: Radiant energy, science fiction and scientific projects	1971
19720011193	Flights of the multiplace Voskhod and Voskhod-2 spacecraft	1971
19720011226	Magnetic field restraints for spacecraft systems and subsystems, supplement 1	1971
19720011716	Scattering by irregular particles	1971
19720011730	A bibliography on atmospheric particulates	1971
19720012355	Ground noise measurements during flyover hover, landing, and take-off operations of a standard and a modified HH-43B helicopter	1971
19720012399	Biosatellite 2: The nation's first biology laboratory in space	1971
19720012400	Mutational and physiologic responses of Habrobracon in Biosatellite 2	1971
19720012401	Genetic implications of spaceflight	1971
19720012402	Genetic effects of the space environment on the reproductive cells of Drosophila adults and pupae	1971
19720012403	Some effects of spaceflight on the flour beetle, Tribolium confusum	1971
19720012404	Radiobiologic studies of Tradescantia plants orbited in Biosatellite 2	1971
19720012405	The effect of weightlessness on the growth and orientation of roots and shoots of monocotyledonous seedlings	1971
19720012406	Growth physiology of the wheat seedling in space	1971
19720012407	A study of the effect of weightlessness on the biochemical response of a monocotyledonous seedling	1971
19720012408	Biochemical changes in the endosperm of wheat seedlings in the weightless state	1971
19720012409	The liminal angle of a plagiogeotropic organ under weightlessness	1971
19720012410	The effect of weightlessness on the dividing eggs of Rana pipiens	1971
19720012411	Nuclear and cellular division in Pelomyxa carolinensis during weightlessness	1971
19720012412	Effects of weightlessness on the nutrition and growth of Pelomyxa carolinensis	1971
19720012413	Induction of lysogenic bacteria in the space environment	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720012414	Mutagenic effectiveness of known doses of radiation in combination with zero gravity on <i>Neurospora crassa</i>	1971
19720012415	Radiation exposures during the Biosatellite 2 flight	1971
19720012416	The scientific conclusions of Biosatellite 2	1971
19720012427	Application of atomic energy in agriculture	1971
19720012428	Quantity of bone marrow which must be protected in order to ensure the survival of pigs irradiated with a lethal dose	1971
19720012432	Two codes for calculation of dose distribution in human phantoms irradiated by external photon sources	1971
19720012433	Biochemical changes in blood and urine indicating radiation damage: A literature review, part-1	1971
19720012543	Development of a means of dialogue in acquiring data at the level of a display unit	1971
19720012545	Accessibility of exact nonlinear stationary states in water-bag model computer experiments	1971
19720012563	Method for counting losses measurements using light diodes	1971
19720012564	Semi-fast proportional amplifier (Map 16)	1971
19720012608	High-peak current facility with 57 kW	1971
19720012609	Radiation problems encountered in the design of multi-GeV research facilities	1971
19720012610	Semiconductor control system for the 680 MeV JINR synchrocyclotron	1971
19720012613	A superconducting synchrotron design study at the Rutherford Laboratory	1971
19720012679	Studies of turbulent flow parallel to a rod bundle of triangular array	1971
19720012762	Instruction manual for dual digital stabiliser type 241	1971
19720012763	New equipment for measuring stochastic process: Statistical analyser	1971
19720012764	Reading of radioluminescent dosimeters	1971
19720012765	Measurements of nonlinearity and detection efficiency of a Ge(Li) spectrometer	1971
19720012766	Computer controlled triple axis neutron spectrometer with CAMAC instrumentation	1971
19720012774	Multiplex magnetic spectrometer of charged particles	1971
19720012776	H.I.B. digital ratemeter	1971
19720012778	Parameters of the electron-capture-type beta-ionization detectors developed in the Institute Nuclear Techniques in Cracow	1971
19720012820	The titanium evaporation pump, its application to nuclear fusion experiments and space simulation	1971
19720012845	Kinetics of the hydridation in terphenyl, outside the battery, of explosive welded Zr-2.5 percent Nb/carbon steel joints	1971
19720012886	On the parametric functions of nonrenormalized Feynman amplitude	1971
19720012944	Orbit and attitude dynamics and the Goddard trajectory determination system	1971
19720012953	Uranium market	1971
19720012955	Microanalysis by nuclear reactions. Application to semiconductors	1971
19720012958	Nuclear fuel simulation by electrical heaters	1971
19720012968	Resonance phenomena in configurations with helical magnetic axes when calculating toroidality, 2	1971
19720012969	High-frequency discharge in a coaxial resonator with an external magnetic field	1971
19720012971	Helical magnetic configurations with minimum average B	1971
19720012995	Wentzel-Kramers-Brillouin method for calculating the amplitude of high energy scattering by continuous potentials	1971
19720012996	Development of computer-based systems used for nuclear measurement	1971
19720013002	Activity measurements on low concentration radioactive gas in air	1971
19720013003	Method of thermally stimulated exoelectron emission in the dosimetry of ionizing radiation	1971
19720013013	Measurement of the particle revolution frequency in the electron model of the ring cyclotron	1971
19720013020	Resonance phenomena during multiphoton ionization of xenon atoms in electric fields of E approximately equal to 50 million V/cm	1971
19720013022	On-line acquisition of data in photonuclear reactions	1971
19720013042	Design and characteristics of a rotating plasma device	1971
19720013043	Kamokot problem	1971
19720013044	Magnetohydrodynamics of the focus discharge (noncylindrical self-constriction)	1971
19720013045	Investigation of amplitude reflection of electromagnetic waves from boundaries of anisotropic plasma	1971
19720013046	Microwave absorption by plasma essentially inhomogeneous along the magnetic field lines	1971
19720013047	Spatial and temporal HF plasma response to an externally applied pulse	1971
19720013048	Evolution of plasma in Tokamak-type configuration	1971
19720013049	Anomalous absorption of electromagnetic waves in magnetized plasma	1971
19720013051	Large-amplitude wave interaction with a plasma: Trapping effects	1971
19720013052	Resonant characteristics of collisionless drift waves in hydrogen plasma: Comparison between experimental results and linear theory	1971
19720013053	Anomalous resonance in SHF heating of electrons in magnetized plasma	1971
19720013054	T sub i diagnostics using the incoherent scattering of a millimeter wave by a plasma with n sub e approximately equal to 10 to the 13th power el/cu cm	1971
19720013056	Turbulence and heating in a plasma carrying a transverse current	1971
19720013057	Asymptotic solution in the problem of anomalous resistivity of a collisionless plasma	1971
19720013059	MHD equilibrium characteristics	1971
19720013061	Dynamic stabilization of the helical m equals 1 instability on a linear screw pinch	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720013062	Dispersion relations in a magnetoelectric medium (statistical plasma)	1971
19720013064	Characteristics of formation of microwave discharges in plasma at magnetic fields higher than the cyclotron field	1971
19720013065	Wave penetration into a plasma at low hybrid frequencies	1971
19720013066	Nonlinear effect in microwave absorption by plasma	1971
19720013099	Radiation effects on ionic crystals	1971
19720013281	Some examples of heat transfer in nonboiling two-phase system	1971
19720013283	Safety test on a heat pump device	1971
19720013307	Interplanetary flight and communication. Volume 3, no. 7: K. E. Tsiolkovskii, life, writings, and rockets	1971
19720013578	MIMUSA: A FORTRAN 4 subroutine for unfolding spectra. Part 1: Theory, discussion and results	1971
19720013607	Time-To-amplitude converter with a very small electronic resolving time (2.2 ps)	1971
19720013660	Liquid aerosol dispenser	1971
19720013704	Dayside auroral oval plasma density and conductivity enhancements due to magnetosheath electron precipitation	1971
19720013718	Use of non destructive gamma activation for the analysis of rock and biological materials	1971
19720013789	Very-high-resolution nondispersive X-ray spectrometry with cooled Si(Li) detectors and optoelectron preamplifier	1971
19720013892	Studies on the thermodynamics of the oxidation of metals in high-temperature milieu	1971
19720013999	Pressure loss and heat transfer on smooth and rough surfaces at high temperatures and turbulent flow and their representation by universal laws	1971
19720014000	Mild steel in the primary circuit of water cooled reactors	1971
19720014001	Experimental investigation of momentum and heat transfer in turbulent flow of air in a fuel assembly model	1971
19720014002	Scandinavian PCRV model project: Thermal insulation tests	1971
19720014030	Results of the Orsay storage ring ACO	1971
19720014031	Coherent instability due to electrons in coasting proton beam	1971
19720014070	Optical density of states ultraviolet photoelectric spectroscopy	1971
19720014077	Photoemission and reflectance studies of the electronic structure of molybdenum	1971
19720014092	An L-series X-ray spectroscopic study of the valence bands in iron, cobalt, nickel, copper, and zinc	1971
19720014098	Potential and charge density near the interface of a transition metal	1971
19720014114	A cluster theory of the electronic structure of disordered systems	1971
19720014141	Potential independent features of crystal band structure	1971
19720014143	Model density of states for high transition temperatures beta-tungsten superconductors	1971
19720014148	An Investigation of the Properties of New Semiconducting Alloys and Their Application to Luminescent Devices	1971
19720014182	A satellite solar cosmic ray spectrometer with on-board particle identification	1971
19720014183	Penetration of solar protons and alphas to the geomagnetic equator	1971
19720014184	Penetration of solar particles to ionospheric heights at low latitudes	1971
19720014185	Penetration of solar protons into the magnetosphere and magnetotail	1971
19720014186	Access of solar particles to synchronous altitude	1971
19720014187	Rapid access of solar electrons to the polar caps	1971
19720014188	Low-energy solar protons and alphas as probes of the interplanetary medium: The 28 May 1967 solar event	1971
19720014189	Discussion of paper, "A comparison of Energetic Storm protons to halo protons"	1971
19720014190	Solar flare alpha to proton ratio changes following interplanetary disturbances	1971
19720014191	Relative importance of solar electrons, protons, and alphas in the November 1969 PCA event	1971
19720014192	solar protons and alphas from the 23 May 1967 solar flares	1971
19720014193	Interplanetary protons and alphas: 300-313, 1968	1971
19720014194	Protons, alpha particles, and electrons resulting from the 18 November 1968 solar flare	1971
19720014195	Interplanetary-particle associations with Type 3 solar bursts	1971
19720014196	Enhanced abundances of low energy heavy elements in solar cosmic rays	1971
19720014197	Solar proton radiation damage of solar cells at synchronous altitudes	1971
19720014198	Solar flare particle radiation	1971
19720014199	Cosmic ray NM-64 neutron monitor data 19: Monthly graphs, May - August 1971	1971
19720014200	Cosmic ray neutron and muon monitor diurnal vectors. 7: From the start of solar rotation no. 1867 to the end of solar rotation no. 1879 (17 January 1970 to 2 January 1971) and vector diagrams by solar rotation	1971
19720014226	Mars, Jupiter, Saturn and Uranus: 3.3 mm brightness temperatures and a search for variations with time or phase angle	1971
19720014430	Experiments on the interaction of ionizing radiation and tissues in diagnostics, therapy and protection	1971
19720014574	Extraction of a periodic signal from noise	1971
19720014575	Double threshold generator type NP 2241	1971
19720014693	Production of the jet-target from condensed hydrogen in vacuum	1971
19720014728	A review of fields and particle observations made in the vicinity of the synchronous orbit	1971
19720014731	Magnetospheric plasma phenomena at the geostationary orbit	1971
19720014733	Complex electric field emissions observed by OGO-5 on 15 August 1968	1971
19720014737	Magnetic field variations at ATS 1	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720014741	Periodic variations of electron fluxes observed at synchronous altitudes	1971
19720014753	Studies in the radioactive contamination of the sea	1971
19720014810	Five-channel strobed coincidence unit	1971
19720014814	Constant acceleration Moessbauer spectrometer	1971
19720014815	High level nonoverload pulse amplifier for nuclear measurements	1971
19720014857	Neutron radiography: A summary of principles and possibilities	1971
19720014896	Factors affecting the strength of self-bonded silicon carbides	1971
19720014897	Defects introduced into Be and Mg by irradiation and cold working at low temperatures	1971
19720014952	Radioactivity survey in Japan	1971
19720014995	Interplanetary Flight and Communications. Volume 3, No. 9: Theory Annals, Bibliography, Index	1971
19720015018	Materials research in AECL	1971
19720015020	Neutronics studies of two 500 MWe Pu-Th and U-233-Th fast breeder systems	1971
19720015072	Comments of population densities and ionization equilibrium in two temperature plasma	1971
19720015073	Hydrodynamic description of a plasma subjected to a magnetic field: The granule laser problem	1971
19720015074	Stabilization of an unstable mode by nonlinear coupling to damped waves	1971
19720015094	Measurement of the thermal conductivity of superconducting coil windings between 4 K and 10 K	1971
19720015095	The ac losses in superconducting synchrotron magnets	1971
19720015155	Use of Ilford K2 nuclear emulsions in studies of the cosmic ray charge spectrum	1971
19720015159	Interplanetary flight and communication. Volume 3, no. 8: Theory of space flight	1971
19720015234	Interplanetary flight and communication. Volume 2, no. 6: Superaviation and superartillery	1971
19720015235	Interplanetary flight and communication. Volume 2, no. 4: Rockets	1971
19720015606	Studies of transport of mass and energy in the vortex tube. The significance of the secondary flow and its interaction with the tangential velocity distribution	1971
19720015754	Environmental radioactivity in New Zealand	1971
19720015755	Environmental radioactivity in Greenland in 1970	1971
19720015819	Investigations of magnetostrictive delay lines for spark chamber readout	1971
19720015912	Behavior of steels in atmospheres containing CO and H2 and the effect of pretreatment and gaseous additives	1971
19720015918	Set-up for studying isothermal and isochronal annealing after cold work and irradiation of metals	1971
19720015992	Meteorological yearbook (12th), 1970	1971
19720016032	Description of the research reactor HERALD	1971
19720016033	Internal sources of hydrogen in unirradiated UO2 fuel elements	1971
19720016035	Incore Thermionic Reactor (ITR)	1971
19720016036	The Othello loop	1971
19720016040	Nuclear data research in the EURATOM community	1971
19720016049	Measurement of the electromagnetic field in an interdigital structure. Consequences for study of tolerances and distribution of HF losses	1971
19720016053	Stabilization of the kink instability of the two-component relativistic ring by an azimuthal magnetic field	1971
19720016054	Superconducting pulsed magnets for a 1000-GeV synchrotron	1971
19720016068	New neutron-deficient isotope Ru 92	1971
19720016069	Nuclear physics research	1971
19720016076	Acceleration of a gaseous plasma by intense microwave fields in a constant inhomogeneous magnetic field	1971
19720016079	Diffusion induced by an oscillating electromagnetic field in a Tokamak configuration	1971
19720016080	Electrostatic oscillations in an inhomogeneous plasma	1971
19720016098	Point defects in refractory metals: Niobium, molybdenum, titanium, and zirconium	1971
19720016099	Work on solid state track detectors	1971
19720016163	Propulsion system design for solar electric spacecraft	1971
19720016164	Exhaust characteristics of a quasi-steady MPD accelerator	1971
19720016307	Post burnout heat transfer and thermodynamic disequilibrium up to the critical pressure	1971
19720016373	Durability studies on components of the VFW-H3 gyrodyne	1971
19720016680	Calculation of the relation between the input and output amplitude for random pulses and the circuit pulse response in order to determine the measurements to be made on linear circuits and the generator stability required	1971
19720016695	Long-life, heat-pipe-heated, charge-transfer cell	1971
19720016729	Investigation of collective dissipation processes in collisionless shock waves means of laser scattering	1971
19720016746	Applications of airborne remote sensing technology	1971
19720016747	Effects of date of photography on airphoto interpretation	1971
19720016749	Monitoring water pollution by means of remote sensing techniques	1971
19720016752	Determination of oil film depths for water pollution control	1971
19720016753	A literature review of remote sensing for water quality	1971
19720016754	Aerial photography for water resources studies	1971
19720016755	Reflectance and transmittance characteristics of selected green and blue-green unialgae	1971
19720016904	Uses of lasers in plasma physics	1971
19720016937	Interaction of dislocations and hydrogen in nickel	1971
19720016938	Quench hardening in pure metals	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720016939	Studies of the tendency of intergranular corrosion cracking of austenitic Fe-Cr-Ni alloys in high purity water at 300 C	1971
19720016985	Level crossing problems for random processes	1971
19720017044	Critical flow experiments in a forced convection boiling sodium loop	1971
19720017045	Mixed convection in liquid metals	1971
19720017046	Mixed convection in sodium	1971
19720017049	Spitfire loop	1971
19720017050	Results of heat transfer and pressure loss measurements with helium in a tube bundle	1971
19720017051	Safety reactimeter	1971
19720017093	Bibliographies in nuclear science and technology. Section 12: Nuclear science literature of eastern countries. Number 23: Plasmaphysics	1971
19720017095	Some experimental results on the sorption of Cs by submicron W-10 percent Ta and Ta powders	1971
19720017096	Radioisotopes in mechanical engineering	1971
19720017108	Measurement of the electron density of a plasma in a Tokamak-Far Reactor (TFR) using a microwave interferometer	1971
19720017110	Proposal of a new scheme using extreme forward light scattering for ion temperature measurement in Stellarator and Tokamak plasmas	1971
19720017111	Microwave plasma heating experiments in tuman-2 device	1971
19720017112	Nuclear fusion reactions in laser produced plasmas	1971
19720017138	Superconducting dc power source	1971
19720017189	Cosmic ray IGY neutron monitor data. 1:Monthly graphs, January - December 1958	1971
19720017319	Effect of rib shape and spacing on conductivity corrections to ribbed surface heat transfer data	1971
19720017320	Criteria for selection of the measuring filter and scanning frequency as well as a method of correcting of measurement errors applied to temperature measurement in sodium	1971
19720018020	Processes involved in impurity ionization in hot plasmas	1971
19720018045	Simplified theory for residual field generated by superconducting dipoles and quadrupoles with unsaturated iron shields	1971
19720018046	Application of superconductivity in thermonuclear fusion research	1971
19720018425	The central division of radiation protection	1971
19720018454	Preparation of actinide lanthanide-noble metal (Pt, Pd, Ir, Rh) alloy phases by coupled reduction	1971
19720018548	Investigations on high voltage pulsers and amplifiers for the exact timing of the ignition of spark dischargers	1971
19720018561	Physical and economic factors which will affect the design of the European superconducting synchrotron	1971
19720018819	An assessment of the methods available for measuring scale-metal adhesion and the mechanical properties of oxides	1971
19720018912	Non-linear theory of transit time magnetic pumping in toroidal geometry	1971
19720018932	Identification of multicharged ions by induced electron emission	1971
19720018933	Preparation of group constants for neutron shielding calculations from the evaluated nuclear data available from IAEA	1971
19720018934	Investigation of the path of flow of He-Ar and He-SF6 mixtures in the separation nozzle with molecular flow toward the pressure probe	1971
19720018995	Performance of MHD generator with respect to ionization instability and other detrimental mechanisms	1971
19720018996	Plasma wave echoes	1971
19720018997	A large diameter Q-machine plasma source with a rotationally symmetric temperature profile	1971
19720019142	Integrated operations/payloads/fleet analysis. Volume 3: System costs	1971
19720019144	Integrated operations/payloads/fleet analysis. Volume 4: Launch systems	1971
19720019358	Environmental statement for Earth Resources Aircraft program	1971
19720019557	Coding an information source that is continuous in amplitude but discrete in time	1971
19720019613	Environmental impact statement for the Goddard Space Flight Center	1971
19720019618	Environmental statement, reactor testing, FY 1972 Nuclear Rocket Development Station Nevada	1971
19720019966	Some properties of Hadamard matrices of order N equals 2 to the mth and the reduction of signal redundancy by use of digital filters	1971
19720019982	Environmental statement for the global atmospheric research program	1971
19720020120	Structure of ion acoustic solitons and shock waves in a two component plasma	1971
19720020121	Cross field current driven ion acoustic instability	1971
19720020144	Indirect cooling of superconducting Nb-ti intrinsically stabilized magnet coils	1971
19720020164	Environmental impact statement quiet engine program	1971
19720020256	Environmental statement for Earth Resources Technology Satellite program	1971
19720020257	Environmental statement for TIROS program	1971
19720020258	Environmental statement for Nimbus program	1971
19720020259	Environmental statement for physics and astronomy sounding rocket, balloon, and airborne research programs	1971
19720021062	Differential and integral cross sections for excitation of the 2 1S state of helium by electron impact	1971
19720021079	Influence of Hammett's coefficients on the distribution ratio of lanthanide and transplutonium ion-pairs with Aliquat-336	1971
19720021080	Natural gamma background radiation measurements in Poland by means of the scintillation airplane monitor	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720021081	Thermoelectric conversion process: Application to radiosotope sources	1971
19720021103	Research and development involved in the conception of a device for determining the instantaneous electron distribution function in the plasma of a positive column, which is either calm or perturbed by a periodic signal	1971
19720021104	Study of the behavior of lanthanum in electric arc plasmas	1971
19720021592	Flow dynamics and aeroacoustic phenomena in cylindrical lattices	1971
19720021896	Experimental study of the shift of levels and the Raman effect with atoms subjected to the nonresonant radiation of a powerful laser	1971
19720021919	Physical properties of zirconium and its alloys	1971
19720022073	Excitation and amplification of acoustic waves by plasmas	1971
19720022074	Plasma-beam interaction in an infinite magnetic field. Application to a radially inhomogeneous medium and to harmonic generation	1971
19720022075	Microinstabilities in a plasma penetrated by an HF electromagnetic field	1971
19720022076	Investigation of the oscillation frequency in the L-1 stellarator by a correlation method	1971
19720022553	Ponderomotive stability of high-frequency resonators and resonator regulating systems	1971
19720022583	Sufficiently informative functions and the minimax feedback control of uncertain dynamic systems	1971
19720022601	Slow extraction in the program plan for improvement of the CERN synchrocyclotron	1971
19720022628	Thermal nonequilibrium and bubble size distributions in an upward steam water flow	1971
19720022629	Shock wave in a longitudinal magnetic field	1971
19720022798	Neutron irradiation effects on diffused GaAs laser diodes	1971
19720022953	Treatment of the mechanical and thermal relations of fuel rods in Saturn 1	1971
19720022986	Toward a theory of the nonlinear interaction of ion-acoustic waves with electrons	1971
19720023009	On the instability of theta-pinch plasma with azimuthal magnetic field	1971
19720023010	Turbulent heating of a plasma by a high electric field	1971
19720023011	Comparison of Deca 2 mirror machine results with a Fokker-Planck computer code	1971
19720023012	Production of hot plasmas of solid state density by ultrashort laser pulses	1971
19720023013	Study of high-frequency heating of a dense plasma in the toroidal magnetic field	1971
19720023014	Study of the effect of a plasmic diaphragm on the electrical drift of a plasmic stream injected into the toroidal magnetic field with a diverter	1971
19720023259	Preliminary handling qualities requirements for lifting re-entry vehicles during terminal flight	1971
19720023640	Vacuum system for the study of electronic emission by ionic bombardment	1971
19720023815	The 50 cm iron-free double focusing electron spectrometer at the Atomic Energy Establishment, United Arab Republic	1971
19720024014	Electronics Department	1971
19720024020	Properties of edge focusing bending magnet system	1971
19720024021	Study of the properties of magnetic focusing systems	1971
19720024064	Preliminary study of a photoionized-barium plasma source for W2 a stellarator	1971
19720024065	Investigations on the shock tube	1971
19720024066	Measurement of temperature by recording the absolute line intensity for apparent increase of plasma optical thickness	1971
19720024067	Wills Plasma Physics Department	1971
19720024149	Study of the knock-on of light nuclides in interactions between high energy protons and nuclei: Comparison with theoretical models, applications to astrophysics	1971
19720024426	Rechargeable batteries: A select bibliography	1971
19720024472	In vitro study of the effect of gamma rays on human chromosomes	1971
19720024508	Electrochemical methods for continuous measurement of corrosion rates especially with high temperature equipment made of carbon steel, stainless steel 18/8, and Zircaloy-2	1971
19720025034	On the possibility of the charged-particle track drift compensation in the wide gap spark chamber	1971
19720025035	Solid state, plasma, and high energy physics research	1971
19720025036	Radial density distribution of the flux of charged particles in extensive air showers	1971
19720025047	Growth of a space charge sheath in a low density discharge plasma	1971
19720025049	Theta-pinch in electron-hole plasma with surface generation	1971
19720025050	Theory of electrostatic probes in a retarding potential method	1971
19720025052	Spectroscopic examination of the parameters of a turbulent plasma	1971
19720025053	Wave conversion in an inhomogeneous plasma	1971
19720025138	Transient modulation	1971
19720025301	Thermodynamic functions of non-thermal radiating systems	1971
19720025432	Medical atlas of radionuclides used in medicine, biology, industry, and agriculture	1971
19720025561	Newsletter in stereology: Quantitative image analysis with electronic image analyzers	1971
19720025587	Digital charge integrator	1971
19720025794	Gamma-spectrometer of high resolution	1971
19720025982	Omega synchronization and control. Practical procedures for the determination of epoch and estimation of frequency	1971
19720025983	National plan for development of the microwave landing system	1971
19720025993	The readout-axis stability of elastic nearly spherical gyro rotors	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720026015	Invariant curves of plane mappings	1971
19720026016	Parametric instabilities of a toroidal high frequency discharge in a magnetic field	1971
19720026041	Physics Division Progress Report, 1 April - 30 June 1971	1971
19720026042	Radioisotope and nuclear physics research	1971
19720026053	Theory of hydrodynamic stability of plasma in the field of an Alfvén wave of finite amplitude	1971
19720026054	Nonthermal radiation of magnetoactive plasma in a field of ultrahigh frequency wave pumping	1971
19720031593	Role of water activity in the dry heat sterilization of micro-organisms.	1971
19720032467	Planetary exploration - Exobiology.	1971
19720062129	Non-gassing nickel-cadmium battery electrodes and cells	1971
19720062130	Engineering handbook for thermostructural analysis of plates and shells	1971
19720062144	Finding optimal groups: A quadratic programming approach in zero/one variables with applications	1971
19720062436	Very long baseline interferometric study of the water-vapor emission regions in Orion A	1971
19720062444	Multidisciplinary research leading to utilization of extraterrestrial resources	1971
19720062727	Production of polydisperse sprays	1971
19720062728	A study of boiling heat transfer to liquidified hydrocarbon gases under pressure	1971
19720062732	Index of specifications, standards and publications generated and utilized by Manned Spacecraft Center, Houston, Texas	1971
19720062733	Multidisciplinary research in space related science and technology	1971
19720062757	Systems engineering, operations research and management	1971
19720062758	Management and planning problems	1971
19720062759	Classification error using quantized data	1971
19720062761	An evaluation of query expansion by the addition of clustered terms for a document retrieval system	1971
19720062762	Materials Analysis of Apollo Spacecraft Boot Bladder	1971
19720062786	The exact solution of systems of linear equations with polynomial coefficients	1971
19720062825	Review of the view from space	1971
19720062829	Computer oriented research in the space-related sciences	1971
19720062874	Photoionization measurement study	1971
19720062956	CSM ground system specification block 2	1971
19720063049	Photoionization measurement study	1971
19720063054	The measurement of mood and the mood of measurement	1971
19720063224	Nonuniform distribution of absorbed dose and evaluation of the radiobiological effect	1971
19720063225	The outer planets of the solar system	1971
19720063226	Physical characteristics of interplanetary space	1971
19720063227	Life support systems for short and average length flights	1971
19720063229	Radio frequencies and microwaves. Magnetic and electrical fields	1971
19720063230	Cosmonaut training	1971
19720063232	Search and investigation of extraterrestrial life forms	1971
19720063233	Physiology of the sensory sphere of man under spaceflight conditions	1971
19720063253	The origin, thermal history, structure, and composition of the moon	1971
19720063254	The moon and its nature	1971
19720063255	Combined action of various flight factors	1971
19720063382	Methods of investigation in space biology and medicine. Transmission of biomedical information	1971
19720063383	Fundamentals of gravitational biology	1971
19720063384	Biological effect of several types of cosmic radiation (only on the basis of the results of investigations conducted by soviet scientists)	1971
19720063386	Reference data	1971
19720063387	Medical and prophylactic safety of spacecraft crews	1971
19720063388	Individual human life support systems (spacesuits)	1971
19720063438	Planetary quarantine: Principles, methods and problems (methods and means for sterilization of spacecraft)	1971
19720063439	The biological effects of ultraviolet and visible light rays	1971
19720063440	Planets of the inner solar system (Mercury, Venus, Mars)	1971
19720063441	Psychological stress of space flight	1971
19720063606	Mineralogy, petrology and surface features of Apollo samples	1971
19720063838	Development of high strength tantalum base alloys	1971
19720063854	LM-10 and subsequent measurements requirements and configuration data	1971
19720063960	Standard contractor configuration management requirements, MSFC programs	1971
19720063969	Composite reinforced propellant tanks	1971
19720064000	On the measurement of Poisson's ratio for modeling clay	1971
19720064008	Mission Requirements: First Skylab mission SL-1/SL-2, volume 1	1971
19720064127	Publications, Research Laboratory of Electronics, 1966 - 1971	1971
19720064241	Review of moon rocks and minerals by A. A. Levinson and S. R. Taylor	1971
19720064246	Space benefits today and tomorrow	1971
19720064498	Space programs	1971
19720064590	Laboratory Microbiology of Spacecraft Coatings,	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720064607	Description of median game theory with examples of competitive and median competitive games	1971
19720064693	On being informed by a computer-based management information system: A study in involvement and appreciation, part 2	1971
19720064694	On being informed by a computer-based management information system: A study in involvement and appreciation, part 3	1971
19720064781	Research in aeronautics and space: Langley Research Center	1971
19720064803	Barriers to linearity in triatomic molecules. 1: Development of a curvilinear quantum mechanical model appropriate for large amplitude bending motion in triatomic molecules of C sub 2v symmetry	1971
19720064808	Some Pb and Sr isotopic measurements on eclogites from the Roberts Victor Mine, South Africa	1971
19720064811	The fundamental basis for cyclopolymerization. 3: A spectroscopic study of dimethaorylamides	1971
19720064998	Habitability data handbook. Volume 1: Mobility and restraint	1971
19720065101	Faculty Systems Engineering Institute. Administrative program	1971
19720065284	Comment on Nonparametric Feature Selection	1971
19720065285	Minimum distance properties of convolutional code words of arbitrary length	1971
19720065290	Bayes and minimax controllers for a linear system with stochastic jump parameters	1971
19720065296	A terminal ballistics application of transmission electron microscopy: The anatomy of a bullet hole	1971
19720065297	Shock deformation of Inconel 600 alloy: Effect of fine coherent precipitates on explosive-shock hardening	1971
19720065298	A new technique for the direct observation of residual defect structures in cylindrical shock-loaded materials	1971
19720065499	Pulse narrowing and optical hysteresis in a saturable resonator	1971
19720065500	Orthogonal transforms and feature selection in pattern recognition	1971
19720065501	Degrees of freedom and modular structure in matrix multiplication	1971
19720065502	Gaussian feedback communication systems with weak noise in the feedback link	1971
19720065509	Threshold calculations for angle tuned parametric oscillators	1971
19720065510	Bounding filters in the presence of inexact known parameters	1971
19720065513	Adaptive decision-directed recursive estimators	1971
19720065542	Some potential influences of large air-cushion vehicles on future city development	1971
19720065640	Design of optimal probing signals for vector parameter estimation	1971
19720065729	NASA's technology utilization program: Publications and services available to industry	1971
19720065861	Correctness of two compilers for a lisp subset	1971
19720065888	The variability of plasma line enhancement in ionospheric modification experiments	1971
19720065928	Recent development and application of a wind tunnel magnetic suspension and balance system	1971
19720066013	Final progress report	1971
19720066202	The NOW Employee by D. Nadler	1971
19720066247	Sintered diamond compacts with a cobalt binder	1971
19720066248	Extended validity of results for variance components models	1971
19720066252	On the use of models in the synthesis of optimization algorithms	1971
19720066401	Data requirements Skylab missions SL-1/SL-2, SL-3, and SL-4. Appendix A: Mission requirements	1971
19720066431	Multiwire proportional counter development	1971
19720066445	Conversion of angiotensin 1 to 2 in vivo and in vitro	1971
19720066448	Dry heat inactivation of Bacillus subtilis var. niger spores as a function of relative humidity	1971
19720067035	An iterative method of synthesizing nonlinear networks	1971
19720067036	A state-space method of parameter identification	1971
19720067326	Apollo/Saturn launch complex 39 operations and maintenance. Vehicle assembly building elevator systems, high-bay elevators numbers 1-16, volume 1	1971
19720067514	Proceedings of the Symposium on Information Storage and Retrieval	1971
19720067515	The Function of Semantics in Automated Language Processing	1971
19720067516	How Features Resolve Syntactic Ambiguity	1971
19720067517	The Converse Natural Language Data Management System: Current Status and Plans	1971
19720067518	CUE: A Processor System for Restricted, Natural English	1971
19720067519	Full Text Document Retrieval: Hebrew Legal Texts	1971
19720067520	Quantification in Query Systems	1971
19720067521	The Relational Data File and the Decision Problem for Classes of Proper Formulas	1971
19720067522	Managing Semantic Data in an Associative Net	1971
19720067523	A Heathkit Method for Building Data Management Programs	1971
19720067524	File Structure Determination	1971
19720067525	An Approach to Research in File Organization	1971
19720067526	Quantitative Evaluation of Design Tradeoffs in File Systems	1971
19720067527	Elements of the Randomized Combinatorial File Structure	1971
19720067528	A Balanced Tree Storage and Retrieval Algorithm	1971
19720067529	Efficient Utilization of Limited Access Archival Storage in a Time Shared Environment	1971
19720067530	Data Compression Techniques for Economic Processing of Large Commercial Files	1971
19720067531	Optimal Classification and Its Consequences	1971
19720067616	Effect of thermal cycling during irradiations of vented tungsten-clad uranium dioxide fuel specimens	1971
19720067836	Ground support equipment planning and requirements. Volume 1: Numerical listing	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720067956	Multidisciplinary, space related research	1971
19720067966	Manned Spacecraft criteria and standards	1971
19720068023	Apollo/Saturn Launch Complex 39 operations and maintenance. Volume 2: Vehicle assembly building. Elevator systems: High-bay elevator no. 17	1971
19720068034	Apollo/Saturn Launch Complex 39 operations and maintenance. Volume 3: Vehicle assembly building elevator systems, low-bay elevators numbers 18-21	1971
19720068042	Age-heterogeneous dyadic interaction: Development and testing a simulation instrument	1971
19720068087	A study of a finite element method to calculate oscillatory supersonic lift distributions, using the acceleration potential kernel	1971
19720068089	Inertia test of 60 ft single keel parawing, model 1, fabric alone	1971
19720068090	Space station solar array technology evaluation program. Second topical report: Design and analysis	1971
19720068092	Radiobiology and proton physics	1971
19720068093	Physiological responses to environmental factors related to space flight	1971
19720068094	Modeling and integration of physiological control systems	1971
19720068095	Effects of drugs on sleep and subsequent performance	1971
19720068096	Microbiological procedures for the integrated medical support system	1971
19720068097	Skylab medical data requirements	1971
19720068098	The erythrocyte and plasma volume and the relationship between body hematocrit and venous hematocrit in different stages of essential hypertension and in renovascular hypertension	1971
19720068099	G-189A generalized environmental/thermal control and life support systems computer program	1971
19720068100	G-189A generalized environmental/thermal control and life support systems computer program	1971
19720068101	Research on new techniques for the analysis of manual control systems	1971
19720068102	Technology development for a zero gravity whole body shower	1971
19720068103	Trade-off study and conceptual design of a Water and Waste Management Subsystem (WWMS)	1971
19720068104	Dosage of mercury (II) in the presence organic mercurials	1971
19720068105	The specific heat of mixtures of polyvinyl chloride and plasticizers	1971
19720068106	Gaseous leak detection tape	1971
19720068107	The ATS-F millimeter wave propagation experiment	1971
19720068108	Reprocessing results and the effects of data processing system delays, part 2	1971
19720068109	Longlines communications guide: Apollo 15 air ground annex, 8 July 1971	1971
19720068110	Surface electrical properties computer program user's manual	1971
19720068111	Performance assessment of spacecraft radar/tracking systems	1971
19720068112	Lunar ground track terrain profile reconstruction program	1971
19720068113	Changes in standard-frequency and time-signal broadcasts, 1 January 1972	1971
19720068114	Antenna and propagation studies for spacecraft task E-53G engineering report	1971
19720068116	Longlines communications guide, AS 510	1971
19720068117	Apollo 16 ground DDAS data evaluation guide	1971
19720068118	Data base generation for analyzing the effects of reprocessing and system delays of analog tapes, part 1	1971
19720068120	Automatic data acquisition system for the 150 meter ground winds tower facility Kennedy Space Center. Volume 2: Appendix	1971
19720068123	Results of A-2 Schjeldahl connector "'green crud" investigation	1971
19720068125	An analysis of error sampled pulse frequency modulated control systems	1971
19720068126	Lunar roving vehicle systems handbook, Revision A	1971
19720068127	Study status and capabilities of Saturn/Apollo test equipment	1971
19720068128	Automatic data acquisition system for the 150 meter ground winds tower facility Kennedy Space Center. Volume 1: Description and operating instructions	1971
19720068129	Cost study: Two space shuttle launch sites versus one	1971
19720068130	Results of AS-510 facilities and environmental vibration measurements	1971
19720068131	Apollo/Saturn (1B, V)/Skylab ground safety plan. Volume 3: KSC industrial area spacecraft and associated operations	1971
19720068132	Development of a prototype modular microbiological laboratory, Volume 1	1971
19720068133	Development of a prototype modular microbiological laboratory. Volume 2: Appendixes	1971
19720068138	Analysis of a partially filled viscous ring damper	1971
19720068140	Contribution to the study of the transition zone between the photosphere and the chromosphere beginning from resonance lines of Ca II and Mg II	1971
19720068142	Investigation of the D and E regions of the ionosphere	1971
19720068143	Guinier double chamber with precision quartz monochromator for X-ray fine structure investigations	1971
19720068144	Short and long wavelength X-ray proportional counters	1971
19720068145	Instruction manual for laboratory model of the contamination system	1971
19720068147	Central station specification (array E)	1971
19720068148	Development of a method for fabricating metallic matrix composite shapes by a continuous mechanical process	1971
19720068149	Ultra high speed ball bearing analysis	1971
19720068150	Boron aluminum composite structure program (skin stringer)	1971
19720068151	Plating of PSE leveling stool	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068152	Qualification test report for flow rate and leakage/temperature tests of the UV camera bag relief valve during simulated boost, LCQ 340-219	1971
19720068153	Failure mode and effects analysis for LM-11 vehicle/GSE interfaces LC 39, volume 2	1971
19720068154	Protective coatings for high strength graphite fabrics	1971
19720068155	Data summary and reference file for graphite and boron reinforced composite materials	1971
19720068157	Development of advanced materials composites for use as insulations for LH2 tanks	1971
19720068158	Development of design data for graphite reinforced epoxy and polyimide composites	1971
19720068159	Design and development of polyphenylene oxide foam as a reusable internal insulation for LH2 tanks	1971
19720068160	Fatigue of boron/aluminum composites	1971
19720068161	Advanced theoretical and experimental studies in automatic control and information systems	1971
19720068162	On the noctilucent clouds	1971
19720068163	Guidance system operations plan for manned CM earth orbital missions using program SKYLARK 1. Section 4: Operational modes	1971
19720068164	Guidance system operations plan for manned CSM earth orbital missions using program Skylark 1. Section 5: Guidance equations	1971
19720068166	Candidate configuration trade study, Stellar Inertial Measurement System (SIMS) for an Earth Observation Satellite (EOS). Apollo guidance, navigation and control	1971
19720068168	Boresight alignment feasibility study, volume 1	1971
19720068169	Boresight alignment feasibility study, volume 2	1971
19720068170	Boresight alignment feasibility study, volume 3	1971
19720068171	Boresight alignment feasibility study, volume 4	1971
19720068172	Definition of a terminal area air traffic model for studies of advanced instrumentation and control techniques	1971
19720068174	Space shuttle guidance, navigation and control design equations. Volume 2: Preflight through orbit insertion	1971
19720068175	Development and application of computer programs for reduction of inertial platform data	1971
19720068177	Prediction of force spectra by mechanical impedance and acoustic mobility measurement techniques	1971
19720068178	Results of AS-510 facilities and environmental sound pressure level measurements	1971
19720068179	Backscattering of gas molecules desorbed from space vehicles	1971
19720068180	Cation-rich oxides on Li ₃₁ In ₁₁ O ₃₂ and Li ₇ In ₃ O ₈	1971
19720068181	Research on radiation hardening of thermal oxides on silicon via ion implantation	1971
19720068182	Materials research	1971
19720068183	Study and design of a cryogenic propellant acquisition system	1971
19720068185	Space shuttle vehicle propellant utilization study	1971
19720068186	Apollo 15 mission CSM 112 cryogenic storage system post flight analysis report, MSC/TRW task E-98A	1971
19720068187	Thermal control design data for preliminary evaluation of long term cryogenic storage systems	1971
19720068188	Technology demonstration of a high energy upper stage hybrid rocket engine, volume 1	1971
19720068189	Technology demonstration of a high energy upper stage hybrid rocket engine, volume 2	1971
19720068190	Descent propulsion system supercritical helium pressurization system program update	1971
19720068191	Descent propulsion system simulation (revised)	1971
19720068192	Space storable thruster investigation	1971
19720068194	Aeros project: Integrated test plan	1971
19720068195	Some microwave transitions for molecules conjectured to be present in comets and in interstellar space	1971
19720068196	Aeros project: On controlling data interrogation with the ionic sensor taking into account the phase shift, caused by the trajectory, and plasma disturbances	1971
19720068197	Disturbance torques due to roll jet plume impingement on the ERTS solar paddle	1971
19720068198	Conceptual design, dynamics, and control of a device for despinning orbiting objects	1971
19720068199	Detailed test objectives for the Long Tank Delta launch vehicle, spacecraft: TD-1	1971
19720068200	Trajectory generator refinement analysis	1971
19720068201	Detailed test objectives for the long tank Delta launch vehicle, spacecraft: HEOS-a2	1971
19720068202	Apollo 16 mission J2/LM-11/APS preflight performance report	1971
19720068203	General return-to-earth program. Volume 2: Program description	1971
19720068204	Satellite-tracking research programs	1971
19720068205	Mission requirements: Second Skylab mission SL-3, volume-2	1971
19720068206	Multipath error reduction in an angle-measuring navigation satellite system	1971
19720068207	The conjugate-gradient/second variation trajectory optimization program, user's manual	1971
19720068208	Entry-trajectory design to minimize thermal-projection-system weight	1971
19720068209	Terrain clearance over crater alphonsus for Apollo 16 ascent	1971
19720068219	Delta 84 ISIS-B/ISIS-2flash flight report	1971
19720068220	Objectives for lunar exploration and their implications for orbital, sample return, surface emplaced, and surface mobile experiment types	1971
19720068221	Automated lunar exploration study	1971
19720068222	A feasibility study of unmanned Comet and Asteroid Rendezvous and Docking concepts using solar electric propulsion (CARD): CARD data manual	1971
19720068223	A feasibility study of unmanned Comet and Asteroid Rendezvous and Docking concepts using solar electric propulsion (CARD). Volume 1: Executive summary	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068224	A feasibility study of unmanned comet and asteroid rendezvous and docking concepts using solar electric propulsion (CARD). Volume 2: Concept analysis, planning, and cost	1971
19720068225	A feasibility study of unmanned comet and asteroid rendezvous and docking concepts using solar electric propulsion (CARD). Volume 3: Supporting research and technology report	1971
19720068227	Shuttle Orbital Applications and Requirements (SOAR). Volume 4: System analysis-mission operations	1971
19720068228	Shuttle Orbital Applications and Requirements (SOAR). Volume 6, Appendix A: SOAR/shuttle data book	1971
19720068229	Shuttle Orbital Applications and Requirements (SOAR). Volume 7, book 1: Mission definition	1971
19720068230	Shuttle Orbital Applications and Requirements (SOAR). Volume 7, Book 2: Launch and support facilities requirements	1971
19720068231	Shuttle Orbital Applications and Requirements (SOAR). Volume 7, book 3: Programmatic	1971
19720068232	Shuttle Orbital Applications and Requirements (SOAR): Executive summary	1971
19720068234	Atlas/Centaur-24 and Atlas/Centaur-23 Mariner-8 and Mariner-9, flash flight report	1971
19720068235	Reusable nuclear stage advanced structures study	1971
19720068236	Redesign of ground winds model and damper system for the Saturn 5/Dry Workshop simulation	1971
19720068238	Design, manufacture, development, test, and evaluation of boron/aluminum structural components for space shuttle	1971
19720068239	Analysis of LM-10 "worst case" SPS mission duty cycle at WSTF (LTA5R-3-002)	1971
19720068240	Aerodynamic characteristics of a 0.0035-scale North American high-cross range delta-wing orbiter at Mach numbers from 0.4 to 1.3	1971
19720068241	North American Rockwell and supplier controlling documents for the Apollo and Skylab programs ordnance devices	1971
19720068243	Evaluation of the trash rocket concept	1971
19720068244	Verification test plan for the activity scheduling program simplified EPS model (PANACEA)	1971
19720068245	Applications of calculus of variations to multistage aerospace optimization problems	1971
19720068246	Result of crosspointer meter particle shield design for (in-cabin installation) pull test, LCQ 355-207A	1971
19720068247	Wing Thermal Protection System Analysis program (WTPS) for space shuttle entry vehicle applications, TRW program number HH040A	1971
19720068248	Two-stage launch vehicle sizing methods	1971
19720068249	Shuttle Orbital Applications and Requirements (SOAR). Volume 1: Candidate payload identification	1971
19720068250	Shuttle Orbital Applications and Requirements (SOAR). Volume 1: Appendix B: Experiment requirements summary	1971
19720068251	Shuttle Orbital Applications and Requirements (SOAR). Volume 2: Requirements and accommodation modes	1971
19720068252	Shuttle Orbital Applications and Requirements (SOAR). Volume 2: Appendix A: Program requirements document	1971
19720068253	Shuttle Orbital Applications and Requirements (SOAR). Volume 3: System analysis-flight hardware	1971
19720068254	Shuttle Orbital Applications and Requirements (SOAR). Volume 5: MSM and ancillary equipment definition	1971
19720068255	Shuttle Orbital Applications and Requirements (SOAR). Volume 6: System interface definition	1971
19720068257	Design, manufacture, development, test, and evaluation of boron/aluminum structural components for space shuttle	1971
19720068258	KSC/Pioneer integrated launch operations plan	1971
19720068259	Recommendations for analytical and experimental work for thermostructural analysis of plates and shells	1971
19720068260	Space vehicle engine and heat shield review	1971
19720068261	Thermal paint heat transfer measurements on a NASA/MSFC space shuttle booster model	1971
19720068262	Apollo 15 ECS radiator performance postflight analysis	1971
19720068263	Standard ablation program 2.5 (STAB 2.5) heat shield in-depth response analysis coupled with a generalized treatment of the wall thermochemistry, TRW program number HH039A	1971
19720068264	Thermal analysis of non-cryogenic liquid filled vertical cylindrical tanks with and without external insulation and surface wind, NQLDW020	1971
19720068266	Instruction for hardware identification	1971
19720068267	Configuration accounting for future NASA programs: Systems study report	1971
19720068304	The role of depressed metabolism in increased radio-resistance	1971
19720068305	Myocardial correlates of helium-cold induction and maintenance in hypothermia	1971
19720068306	Metabolic factors in helium-cold hypothermia	1971
19720068307	Bioenergetics and respiration in helium-cold hypothermia	1971
19720068308	Helium-cold hypothermia in white rats	1971
19720068309	Radio-resistance in depressed metabolism: A comparison of long term hypothermia and hibernation	1971
19720068310	Radio-protection of arousing ground squirrels by endogenous catecholamines	1971
19720068311	Urine excretion rates of calcium, creatine and creatinine in the test monkeys and flight monkey used for NASA Biosatellite 3	1971
19720068319	Ordering effects in NbC and TaC	1971
19720068330	HALMAT: An intermediate language of the first HAL compiler	1971
19720068332	Evaluation of type K1200 and NPO ceramic chip capacitors	1971
19720068333	Radiation-resistant metal-insulator-silicon transistors	1971
19720068335	Development of television tubes for the large space telescope	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068336	Apollo/Saturn 5, Launch Complex 39: Operations and maintenance. Propellant tanking computer system, Skylab 2, 9PT001A	1971
19720068337	Apollo/Saturn 5 launch complex 39 maintenance: Liquid hydrogen system	1971
19720068340	Research in aeronomy	1971
19720068342	Study of dual-channel infrared spectroradiometer systems. Phase 3 and 4	1971
19720068350	A simple model for the stability of transition metal carbides	1971
19720068357	Space shuttle orbiter guidance, navigation and control software functional requirements	1971
19720068363	Fixed star tracker	1971
19720068366	Space shuttle orbiter guidance, navigation and control software functional requirements; vertical flight operations	1971
19720068368	The calculation of proportional counter energy deposition spectra from experimental data	1971
19720068372	Space shuttle orbiter/booster airbreathing engine study. Volume 4: Performance specification for hydrogen-fueled JTF22a-4(H) turbofan engine (U)	1971
19720068373	Space shuttle orbiter/booster airbreathing engine study. Volume 5: Performance specification for JTF22A-6 turbofan engine (U)	1971
19720068378	Space shuttle orbiter/booster airbreathing engine study. Volume 2: Design study	1971
19720068379	Space shuttle orbiter/booster airbreathing engine study. Volume 3: Development plans and costs	1971
19720068381	A study to determine costs of solid rocket motor boosted S-4B stages. Volume 2: Programmatic details	1971
19720068384	Delta 81, ITOS-A/NOAA-1	1971
19720068391	Lunar surface erosion during Apollo 11, 12, 14, and 15 landings	1971
19720068393	Mission requirements: Third Skylab mission SL-4, volume 3	1971
19720068395	Apollo postretrieval procedures for NASA recovery team	1971
19720068396	Mighty Mouse flight experience, 1970 - 1971	1971
19720068402	Improved Tiros Operational System (ITOS-B) Delta-86 flash flight analysis report	1971
19720068403	ITOS-B Delta 86 operations summary	1971
19720068404	Space shuttle orbiter/booster airbreathing engine study. Volume 1: Comparative evaluation of Pratt and Whitney Aircraft candidate space shuttle booster and orbiter airbreathing engines (U)	1971
19720068408	Apollo/Saturn 5 space vehicle transfer operations VAB to pad	1971
19720068412	Integrated space program and vehicle system analysis. Study B: Executive summary	1971
19720068417	Displays and controls functional requirements specification. Phase 1: Crew interface definition study	1971
19720068418	Assessment of phase A space shuttle studies	1971
19720068421	Ignition system for space shuttle auxiliary propulsion system	1971
19720068431	Delta-85-OSO-H flash flight report	1971
19720068440	Analysis of the Apollo spacecraft operational data management system, part 1	1971
19720068441	Index of documents for spaceflight tracking and data network, volume 2	1971
19720068459	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments. Mercury: Aspects of its ecology and environmental toxicity	1971
19720068475	Proceedings of the Technical Information and Management Seminar. Computer applications	1971
19720068515	Results of calibration and model tests in the Cornell Aeronautical Laboratory 8 foot transonic wind tunnel, with varying wall porosity and test section configuration, volume 1 (U)	1971
19720068516	Results of calibration and model tests in the Cornell Aeronautical Laboratory 8 foot transonic wind tunnel, with varying wall porosity and test section configuration, volume 2 (U)	1971
19720068523	Multispectral scanner data redundancy study	1971
19720068527	Progress in applications of computerized typesetting and photocomposition to technical documentation	1971
19720068528	Cavitating pump instabilities in the J-2 LOX system	1971
19720068536	A study to determine costs of solid rocket motor boosted S-4B stages. Volume 1: Technical details	1971
19720068537	A study to determine costs of solid rocket motor boosted S-4B stages. Volume 3: Restricted cost substantiation data	1971
19720068538	A study to determine costs of solid rocket motor boosted S-4B stages	1971
19720068561	Research and Applications Module (RAM) phase B study. Volume 1: 4.1 requirements analysis and definition	1971
19720068562	Research and Applications Module (RAM) phase B study. Volume 1: 4.1 requirements analysis and definition. Appendix A: Derived system requirements	1971
19720068563	Research and Applications Module (RAM) phase B study. Volume 1: 4.1 requirements and definition. Appendix B: Experiment requirements	1971
19720068565	ISIS-B Delta 84 operations summary	1971
19720068566	Saturn S-11 advanced technology studies. Study 7: Evaluation of Saturn mechanical components for extended life and performance capabilities	1971
19720068577	Determination of methods for establishing space shuttle load spectra	1971
19720068581	Simulator evaluation of display concepts for pilot monitoring and control of space shuttle approach and landing	1971
19720068605	Flutter of a heat shield panel	1971
19720068611	Publications of the Research and Advanced Development program, fiscal year 1971	1971
19720068612	Research and advanced development FY 72 program synopsis	1971
19720068613	Space programs	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068617	Television from satellites: Coverage with shaped array patterns	1971
19720068619	Preliminary results of a piloted simulator study of carrier landing approaches	1971
19720068644	A linearized solution to impulsive latent heat release in a dilute, isothermal atmosphere	1971
19720068645	Digital control system development for optical mirror figure control	1971
19720068657	Solid state studies in ceramic alloys	1971
19720068673	Earth Observatory Satellite (EOS) definition phase report, volume 1	1971
19720068675	Solar Electric Multimission Spacecraft (SEMMS) midterm review	1971
19720068696	Earth Observatory Satellite Mission Review Group (EOSMRG)	1971
19720068723	Earth resources technology satellite A and B: NASA support plan	1971
19720068727	System description and design specification for an imaging radiometric landing monitor system	1971
19720069002	The sequential spark technique: A tool for wake velocity studies in ballistic ranges	1971
19720069003	A method for determining the true position of a particle in space from radiographic data	1971
19720069005	Preliminary observations on hot worked uranium alloys	1971
19720069006	A technique for the continuous measurement of stress corrosion cracking rates	1971
19720069081	Project Apollo end item specification for command module egress/ingress mechanism, (model H14-160)	1971
19720069184	Soft ground arresting of civil aircraft: Scaled model VC 10 tests in gravel and sintered fuel ash pellets	1971
19720069185	Flowfield calculations for some supersonic sections with ducted heat addition	1971
19720069186	Lubrication of carbon fibre-reinforced polymers. Part 1: Water and aqueous solutions	1971
19720069187	The flow past flat and anhedral delta wings with attached shockwaves	1971
19720069189	Beam characteristics of the pin-rod TEA-CO2 laser	1971
19720069190	Temperature dependence of the rate constant for the reaction O2(1 Delta g) plus O3 yields 2O2 plus O	1971
19720069191	Thermomechanical treatment of high-density uranium alloys	1971
19720069192	Report on papers presented at Euromech 20 on the aerodynamics of lifting bodies at high supersonic speeds	1971
19720069193	Eurohyp, European hypersonics research. Part 1: List of programme items	1971
19720069194	Eurohyp, European hypersonics research. Part 2: Comments on current work	1971
19720069195	European hypersonic research: Experimental facilities	1971
19720069219	Development of high temperature thermal shock resistant materials for arc tunnel insulative liner applications	1971
19720069275	Space shuttle air breathing engine study. Volume 3: Engine development program and cost estimate	1971
19720069276	Design, manufacture and check-out testing of an evaporator for vacuum distillation	1971
19720069277	Design, manufacture and check-out testing of an evaporator for vacuum distillation	1971
19720069278	Design, manufacture and check-out testing of an evaporator for vacuum distillation	1971
19720069279	Closed form solution to the semi-infinite cylindrical shell problem	1971
19720069280	Buckling of circular cylindrical shells under axial compression	1971
19720069282	A study of Saturn debris risk hazard analysis	1971
19720069286	Consideration of materials for aircraft brakes	1971
19720069287	Modular space station, Phase B extension	1971
19720069288	Semiannual status report, 1 April - 30 September 1971	1971
19720069289	Design, manufacture and check-out testing of an evaporator for vacuum distillation	1971
19720069290	Property determination of sprayed coatings	1971
19720069330	An aerodynamic stability and control data summary for several selected military aircraft. Volume 1: Conventional aircraft (U)	1971
19720069333	Manufacturing methods and technology measure for 18mm gateable microchannel plates (U)	1971
19720069339	Sidewinder basic design engineering work assignment, helicopter /APQ-124/ Sidewinder evaluation (U)	1971
19720069341	Preliminary design for a terminal error (U)	1971
19720069353	Thermally stable burning rate accelerators (U)	1971
19720069355	Characterization of North American Rockwell Corporation, Rocketdyne Division, solid Condor propellant RDS-543 (U)	1971
19720069362	Improved FLR MTI processor (U)	1971
19720069363	Effect of signal frequency of active electromagnetic detection systems on detectability of spherical targets in a sea water environment (U)	1971
19720069404	Mechanism of singlet molecular oxygen formation from photolysis of ozone at 2537A	1971
19720069408	Noise characteristics in NMR spectra	1971
19720069413	The Systems and Controls Laboratory	1971
19720069419	Qualification status list, ALSEP array D configuration (flight 5)	1971
19720069421	Apollo 15 anomalies investigation	1971
19720069422	Contract end item detail specification (prime equipment) performance/design and product configuration requirements for Apollo Lunar Surface Experiments Package (ALSEP) system S/N 18	1971
19720069427	The Army management information system master plan: The automated system for army commissaries	1971
19720069429	Noise due to tape speed flutter in frequency modulation recording	1971
19720069431	Evaluation of lensatic compasses containing tritium	1971
19720069450	A receiver waveform simulation RWS model	1971
19720069451	PAL: A design using integrated circuits and standard hardware	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069452	Qualification testing of aircraft external power cables type AN2551 manufactured by Anderson Power Products, Incorporated	1971
19720069453	Electrochemical Machining (ECM)	1971
19720069454	Temperature induced degradation of mechanical properties following instantaneous heating	1971
19720069455	Investigation of coated graphite crucibles for induction melting of titanium	1971
19720069456	Analysis of the A-4 aircraft structure	1971
19720069457	Computer Measurements Corporation model 896 heterodyne converter (1.0 to 12.4 GHz)	1971
19720069458	Perforated wall noise in the AEDC-PWT 16 ft and 4 ft transonic tunnels	1971
19720069459	Flow field characteristics and aerodynamic loads on external stores near the fuselage and wing pylon positions of a swept-wing/fuselage model at Mach numbers of 0.40 and 0.70, phase 4	1971
19720069460	Frequency synthesizer model CS-202 (Lorch-Adret)	1971
19720069461	System/subsystem summary report (SACCS/DMS) (system language description) general	1971
19720069462	System/subsystem summary report (SACCS/DMS) (system language description) DEFINE	1971
19720069463	Systems/subsystem summary report (SACCS/DMS) (system language description) GENERATE	1971
19720069464	System/subsystem summary report (SACCS/DMS) (system language description) QUERY	1971
19720069465	System/subsystem summary report (SACCS/DMS) (system language description) COMPOSE	1971
19720069466	System/subsystem summary report (SACCS/DMS) (system language description) CORE	1971
19720069467	System/subsystem summary report (SACCS/DMS) (system language description) DYNAMIC UPDATE	1971
19720069468	System/subsystem summary report (SACCS/DMS) (system language description) RAPID UPDATE	1971
19720069469	Sight line position determination with digital theodolites	1971
19720069470	Effect of dry friction on steelon coatings	1971
19720069471	Hovercraft in winter tests	1971
19720069472	Method for the determination of the semiconductor surface doping and the effective interfacial charge of low resistance planar silicon structures	1971
19720069473	Future military application of ocean platform technology. Volume 2: Supporting data on platform technology	1971
19720069474	Critical components of test and measurement systems: Continuing studies of acceleration transducers	1971
19720069475	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors	1971
19720069476	The influence of the troposphere on ground radio communication at the frequencies above 10 GHz. Review of the current state of the art	1971
19720069477	Manufacturing methods for the production of disc shapes by contour rolling	1971
19720069478	Integrated engineering and service test of membrane, heavy duty, airfield surfacing, XW18	1971
19720069479	Scanning of sight position with digital theodolites	1971
19720069480	About the capacity speed relationships for electro-optical digital light deflection systems	1971
19720069481	Environmental tests of the AN/PDR-69 fissionable material survey instrument and the AN/GDS-1 remote area fallout monitor	1971
19720069482	Product improvement test of Radio Set AN/PRC-74C (integrated engineering and service tests) test plan	1971
19720069483	Corrosion evaluation of Hi-Shear Corporation's Hi-Lok Hi-Tigue interference fit fastening systems for the F-14A wing	1971
19720069484	Improvement of titanium alloy ingots by solidification control	1971
19720069485	Investigation of ablative material as a means of infrared suppression	1971
19720069486	Low frequency propagation tests	1971
19720069487	Upper stage system modal survey test report, SESP P72-1	1971
19720069488	Semi-automated NDT for jet engine blade inspection	1971
19720069489	Gas turbine transient health analysis study for application to an on board monitoring system, volume 1	1971
19720069490	Data transmission system assessment model for NEARS	1971
19720069492	System/subsystem summary report (SACCS/DMS) (system language description). Maintain	1971
19720069495	A 30 inch bubble chamber test	1971
19720069496	A 30 inch bubble chamber track-sensitive target	1971
19720069498	Static test firing of Minuteman third stage operational motor S/N 0031038 LGM-30 operational shelf/service life	1971
19720069500	Class fiber reinforced motor component evaluation	1971
19720069501	Evaluation of low modulus nylon and energy absorbing stainless steel deck pendants used with the E-28 arresting gear system	1971
19720069502	Reliable Advanced Solid State Radar (RASSR)	1971
19720069503	GaAs on beryllia substrates for application to microwave generation	1971
19720069504	A technique for evaluating avionics built-in test	1971
19720069505	Acceptance test plan number TP B242-02 for performance of EMI tests on the signal data formatter	1971
19720069507	UHF MOS integrated circuits	1971
19720069508	Preliminary measurements for bio-medical applications of the 200-MeV linac beam	1971
19720069509	Application of 200-MeV protons to biomedical research	1971
19720069513	High power solid state amplification	1971
19720069514	Separation characteristics of the LAU-69/A rocket launcher from the F-4C aircraft at Mach numbers from 0.29 to 0.78	1971
19720069515	Results of a 0.1-scale B-1 inlet model test at transonic and supersonic Mach numbers	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069516	A millimeter wave receiving antenna with an omnidirectional or directional, scannable azimuthal pattern and a directional vertical pattern	1971
19720069517	Engineering test of Forward Area Alerting Radar (FAAR)	1971
19720069518	Propagation survey for Defense Special Projects Group	1971
19720069519	OV1-21 electroexplosive device design evaluation for RTD-701-1 canister separation	1971
19720069520	Research in optical materials and structures for high power lasers	1971
19720069521	ARPA-Arctic surface effects vehicle program	1971
19720069523	Avalanche diode sources and amplifiers	1971
19720069524	Environmental data from AN/SMT-1 NOMAD N3S/NoE Gulf of Mexico, 1969	1971
19720069525	High power, high frequency 2.1 micrometer laser device	1971
19720069526	Aerodynamic loads survey data on the AGM-69A missile in the vicinity of the weapon bays of the B-1 air vehicle at transonic speeds	1971
19720069527	Captive trajectory store separation characteristics of the SUU-51/B with modified tail fins from the F-4C aircraft	1971
19720069528	Search when false contacts are generated by real objects	1971
19720069529	Bendix 9B40-1-A 200 ampere converter	1971
19720069530	Initial production test of generator set, 0.3-kw, 400-hz, gasoline-engine-driven (PU-532)	1971
19720069531	Improved IVDS fairing fasteners	1971
19720069532	Integrated target control system AN/USW-3(XN-1)(V)	1971
19720069533	J52-P-408 engine sea level performance evaluation	1971
19720069534	Program to develop high strength aluminum powder metallurgy products. Phase 3: Scale up A	1971
19720069535	Long wavelength pulsed response and leakage current of PIN silicon detector	1971
19720069536	Effects of heat treatment below the beta transus on the fracture resistance of ti-6Al-4V	1971
19720069537	Measurement and analysis of multipath in aircraft-satellite communications links at UHF	1971
19720069538	C-5A Boron slat fatigue test results report	1971
19720069539	Mechanisms and temperature range for void growth in irradiated materials	1971
19720069540	Improvement of titanium alloy ingot consolidation	1971
19720069541	The shift register and its application. Part 2: Realization and application	1971
19720069542	Interference of coplanar wing-horizontal tail arrangements carrying out harmonic oscillations under subsonic conditions	1971
19720069543	Check test of airmobile aircraft maintenance	1971
19720069544	Electro-optical sensor flight test range concept (The operational target test range)	1971
19720069545	Manufacturing methods for high strength high modulus glass fiber	1971
19720069546	AN/MPS-36 radar modeling and computer simulation	1971
19720069547	Manufacturing methods and technology measure. Ultraprecision integrated-circuit photomasks	1971
19720069548	Plasma dynamics technical note, volume 5	1971
19720069549	Long life hardened lithium doped silicon solar cell investigation	1971
19720069550	Simplified aircraft performance methods: Helicopter hovering and vertical flight	1971
19720069551	Component reliability analysis of the AGM-22B (SS-11) missile system	1971
19720069552	Optics research, 1971	1971
19720069553	Advanced production engineering for lithium niobate crystals for laser Q-switch	1971
19720069554	Figure 5, locker identification plan, missile compt	1971
19720069555	Accelerated service test of the TF41-A-2 engine. Fit check of fiber glass honeycomb low pressure compressor air inlet extension assembly	1971
19720069556	Computrized parameteric design and analysis for a large caliber hybrid system. Volume 1: User manual	1971
19720069557	The mechanical, flammability and dyeability properties of high temperature, organic fibers	1971
19720069558	Development of evaluation equipment 150 MHz receiver and data processor. Final report for development model	1971
19720069559	Consideration of navigational accuracy in relation to cost for new Tacan aircraft systems	1971
19720069560	Dynamic simulation carrier for VTOL steering and control systems	1971
19720069561	Study of a flight characteristics computer	1971
19720069562	Report concerning the execution of a droptest (dropping in sand) on two cable plugs, 52-contacts and two cable plugs, 32-contacts, manufactured by Wago Klemmenwerk G.m.b.H.	1971
19720069563	Metallurgical investigation of UH-1 stabilizer bar failures	1971
19720069564	Development of evaluation equipment. 150-MHz receiver and data processor: Instruction manual for developmental model	1971
19720069565	QT-33A flight termination system development	1971
19720069566	Manufacturing process for the production of tapered titanium alloy plate and sheet	1971
19720069567	Development of RT-859B/APX-72 diversity IFF transponder (Hartlobe)	1971
19720069568	Design and development of mercury-cadmium batteries	1971
19720069569	Production engineering measure for improved reliability of mica transmitter capacitors	1971
19720069570	Production engineering measure: Solid encapsulated semiconductor devices	1971
19720069571	Static test firing of LGM-30F stage 1 rocket motor S/N 0013044 Minuteman surveillance program	1971
19720069572	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors	1971
19720069573	Possible applications of thin magnetic films in the detection of very small magnetic fields	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069574	Shelf and Service life test of rocket	1971
19720069575	Production engineering measure for ionimplanted integrated circuits	1971
19720069576	Pre-production acceptance tests on receiver-transmitter, radio RT-727A/APX-64(V) and RT-728A/APX-64(V)	1971
19720069578	High and low ac line voltage satisfactory performance tests on receiver-transmitter, radio RT-728A/APX-64(V)	1971
19720069579	Vibration, shock, explosion and salt spray tests on RT-727A/APX-64(V) and RT-728A/APX-64(V)	1971
19720069580	Future prospects for the development of lighting technology in Czechoslovakia and in the world	1971
19720069581	C-5A category 1/2 engineering flight test performance test results (guarantees and incentives), Volume 2	1971
19720069582	Report on testing of a new type of aircraft power control unit based on digital integrated circuits	1971
19720069583	Investigation of the accuracy of analog instruments	1971
19720069584	Production engineering measure for 25 mm intensified diode array camera tube	1971
19720069585	Low temperature thermoelectric cooler for 145 K operation	1971
19720069586	Reaction neutrons as an aid in plasma diagnostics	1971
19720069587	Development of the applied theory of vibrations of mechanical systems in the Soviet Union over the last fifty years	1971
19720069588	Design optimization of storage life of mercuric oxides-cadmium battery for use in long delay fuzes	1971
19720069590	Influence of curved-fin stabilizers on the rolling-moment characteristics of 10-cal missiles at Mach numbers from 0.2 to 1.3	1971
19720069591	Static stability and drag characteristics of the all-altitude spin-projected munition (Asp) at Mach numbers from 0.50 to 1.20	1971
19720069592	Wind tunnel tests of an FDL-8X double delta spacecraft model at Mach numbers from 1.5 to 8.5	1971
19720069593	Interim Category 2 C-5A continuation program reliability and maintainability evaluation	1971
19720069594	Sonic and strain history measurements on operational aircraft. Part 2: Sonic and strain history data from C-141 aircraft	1971
19720069595	Supply of new propellant ingredients	1971
19720069597	Evaluation of a high pressure cold gas power supply for fluidic systems applications	1971
19720069598	P-3C ambient aircraft noise	1971
19720069599	LM CTR/CTE status list in-house and vendor qual subsystem level: Vehicle level	1971
19720069600	LM CTR/CTE status list in-house and vendor qual subsystem level: Vehicle level	1971
19720069602	LSP operational hazard analysis	1971
19720069603	SESP P72-1 antenna pattern test and evaluation	1971
19720069605	In-line moisture sensing in photographic film by microwave attenuation	1971
19720069606	Computerized parametric design and analysis for a large caliber hybrid system. Volume 2: Analyst manual	1971
19720069607	Demonstration of reproducibility in the determination of spall threshold by rapid I squared R heating	1971
19720069608	Ten years of testing cryogenic engines	1971
19720069609	Service conditions (environmental). Thermal survey on RT-727A and RT-728A/APX-64(V)	1971
19720069610	Production engineering measure for low radiant power infrared sources	1971
19720069611	Wideband EMP instrumented canister system	1971
19720069612	Analog measurement sensors	1971
19720069613	Experimental test results and comparisons with simple theory for the FDL-6C configuration at subsonic Mach numbers	1971
19720069614	Application of radar performance sensitivity studies to clutter measurement planning	1971
19720069615	Clutter simulation techniques for airborne radars	1971
19720069616	Extensions to the ORT clutter model	1971
19720069617	A plan for extensive airborne measurements of radar ground clutter	1971
19720069618	An investigation of the feasibility of using vertical gyros to correct for hull flexure	1971
19720069619	Study of the basic kinetics of decomposition of MMH and MHF and the effects of impurities on their stability	1971
19720069620	Initial production test of product improved rocket, HE, 66mm, light antitank weapon law, M72A2	1971
19720069621	Difference frequency mixing of Nd:YAG with its Raman shifted beam to generate intense infrared radiation	1971
19720069622	Report of test on improved weather seal AIR-2A rocket motor project 2396, 9 August 1971	1971
19720069623	Aging and surveillance testing of a Minuteman LGM-30F State 3 (M57A1) motor at simulated pressure altitude (motor S/N 0032935)	1971
19720069624	Laboratory tests of exterior coatings for the MK-82 thermally protected bombs (MOD2)	1971
19720069625	Test and evaluation of the Philips radiant auto timer PDT 021 (Beseler)	1971
19720069626	Manufacturing methods program, argon lasers	1971
19720069627	Development of an in flight thrust control system for advanced tactical aircraft	1971
19720069628	Manufacturing methods for production of hollow ball bearings for use in gas turbine engines	1971
19720069629	Production techniques for extruding and drawing beta 3 titanium alloy shapes	1971
19720069630	Experimental study of phase fluctuations on wide bandwidth transmissions over a satellite-to-ground propagation path	1971
19720069631	Vapor decomposition by microwave discharge	1971
19720069632	Speech controlled radio channel selector	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069633	Survivability of pyrotechnic devices in fire	1971
19720069635	Structural fight loads data from Southeast Asia and Thunderbird F-4 aircraft	1971
19720069636	Overland radar technology program: Analysis and integration	1971
19720069637	Transition metal diboride matrix composites	1971
19720069638	Qualification performance tests on RT-727A/APX-64(5), and RT-728A/APX-64(5)	1971
19720069639	RMP-B flowfield calculations 1: Hypersonic flow past a blunted slender cone	1971
19720069640	Wall coercivities in multilayer magnetic films	1971
19720069641	Study of various auxiliary inlet configurations at diverse positions ahead of the compressor intake plane and at the upper surface of the diffuser in propulsion engines	1971
19720069642	Radio channel characterization	1971
19720069644	Helical TEA-CO2 lasers	1971
19720069646	An apparatus for molecular beam sampling of low pressure flames	1971
19720069699	Switching elements for use with multi-element displays	1971
19720069700	A low-temperature irradiation facility for heavy-ion radiation damage studies of metals	1971
19720069701	Thin silicon coding matrix	1971
19720069702	Research effort to evaluate target vulnerability	1971
19720069703	A model of diffusion in a valley from a continuous point source	1971
19720069704	Techniques of gas laser construction and processing	1971
19720069705	The value of imperfect surveillance information in missile warfare	1971
19720069706	Investigation of the premature failure of helicopter external load slings	1971
19720069707	The 2.75-inch FFAR accuracy tests	1971
19720069708	Survey of the performance of low light level camera tubes	1971
19720069709	Comparison test results for range gated underwater television system	1971
19720069710	Initial production test of radio repeater set ;AN/TRC-138	1971
19720069711	Control of crosslinking in HTPB propellants	1971
19720069712	Vertical plane trajectory program (VPTRAJ).	1971
19720069713	Separation characteristics of the SUU-41, M-117, BLU-1/B, LAU-3/A, and 370-gal fuel tank from the F-4E aircraft equipped with wing-leaping-edge slats	1971
19720069714	Procedures manual for target signature utilization. Part 1: Methods, sources and application	1971
19720069716	Performance of the J100-CA-100 turbojet engine and subsystems at stimulate high altitudes	1971
19720069717	Manufacturing techniques for precision forging titanium alloy landing wheels for the F-111 aircraft	1971
19720069718	Effects of transmitting boundaries in ground shock computation	1971
19720069719	Humidity and temperature-altitude qualification tests on RT-728A/APX-64(5)	1971
19720069721	Redundant area coding study	1971
19720069723	The development of the multiple charge canister	1971
19720069724	Organic materials in adverse environments	1971
19720069725	Nitrogenous polyesters. 3: Relationship between the adsorption, wetting and mechanical properties of properegols	1971
19720069726	Determination of PVC heat stability by PH method	1971
19720069727	Effect on tap life of decarburisation in 0,2 percent C steel components	1971
19720069728	Coupled and uncoupled growth in silver-copper alloys	1971
19720069729	A fractographic study of the failure of high speed steel taps using the scanning electron microscope	1971
19720069731	Program GYTRAN	1971
19720069732	RF propagation for sensor operations	1971
19720069733	Production engineering measure for subminiature, low voltage ceramic capacitors	1971
19720069734	Integrated Circuit Failure Analysis Facility	1971
19720069735	Erbium doped laser devices	1971
19720069736	Wide aperture adaptive antennas	1971
19720069737	Engineering study of development of two-level anodized-aluminum interconnects for MSI and LSI	1971
19720069738	Microwave active network synthesis	1971
19720069739	EA-6B aircrew automated escape system, operational, aeromedical, and human factors, maintainability and engineering evaluation and system development, monitoring of	1971
19720069740	Experimental and theoretical investigation of functional dependencies of rapid annealing	1971
19720069741	High-efficiency, single frequency laser and modulator study	1971
19720069742	Minuteman environmental sled test no. 13 General Electric sixteen-inch diameter cone (Holloman AFB sled test no. 33Q-E3A)	1971
19720069744	Full-size maneuvering target	1971
19720069745	Very long delay fuze	1971
19720069746	Stable Ku band master oscillator	1971
19720069747	Initial production test of Tactical Imagery Interpretation Facility AN/TSQ-43A	1971
19720069749	ALR-45 amplifier detector redesign	1971
19720069750	Electromagnetic interference for the Giant Patriot reentry system AVE	1971
19720069751	Operation of computer set, true wind speed and direction AN/SMQ-9(XAN-1)	1971
19720069752	Compatibility study of the A-7D/E ram air turbine driven emergency power unit on the f-8 airplane	1971
19720069753	Vuilleumier cycle cryogenic refrigeration system technology report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069754	Collection of Naval Ordnance Systems Command unit plans	1971
19720069755	AF category 2 test report of Mark 12 IFF in TACS forward air control post	1971
19720069756	Demonstration of combined reliability prediction and verification techniques to a typical flight control system. Volume 3: Tabular system reliability analysis computer output data sheets	1971
19720069757	Acoustical Working Group Studies. Chapter 2: Data reduction and analysis	1971
19720069758	Variable ballast system development for deep diving submersibles	1971
19720069759	TF34-GE-2 engine components qualification test: Electrical system simulated operational tests	1971
19720069760	Experimental digital-data communications-link tests. EDAC tests on a live HF link	1971
19720069761	Adverse Weather Aerial Delivery System (Awads)	1971
19720069762	Study of the SAAC/SDL data processing center	1971
19720069763	Modular analysis of electronic systems	1971
19720069764	Production engineering measure for field effect, metal-oxide, semiconductor, Cascode, 100 MHz	1971
19720069765	Building block module for advanced avionics digital computers	1971
19720069767	Dog-leg unmasking in the corrected-intercept mode	1971
19720069768	Development and test of all-weather suit/raft submarine-escape system	1971
19720069769	Design of mode gate modification for interrogator set AN/UPX-23	1971
19720069770	Advanced LSI technology for micron	1971
19720069771	Effects of wing-tip fin and nose geometry on the stability characteristics of a tow target configuration at Mach numbers from 0.5 to 0.9	1971
19720069772	Accuracy of deflection of the vertical derived from satellite altimetry	1971
19720069773	Evaluation of the VHF antenna no. F62420	1971
19720069774	Horizontal and vertical atmospheric noise at VLF up to 20000-ft altitude	1971
19720069775	Geophysical exploration by the regional geological survey in the Kuroko areas	1971
19720069776	Multifunctional Explosive Battery (MER) study	1971
19720069777	Composite force requirement and deployment system (COMPO), user's manual, change 2	1971
19720069778	Hose flexibility characteristics and method of analyzing piping systems incorporating hose assemblies	1971
19720069779	Characterization of Raytheon domed light emitting diodes	1971
19720069780	Future development and application of naval airborne display technology	1971
19720069781	A developmental program to design, develop and produce a high energy absorbing parachute cord for aerial recovery application	1971
19720069782	Minuteman materials response to crushed granite pebbles at velocities to 4200 feet per second, test 10 (Holloman AFB sled test no. 33Q-C7A)	1971
19720069783	Radar set AN/TPS-58 ET/ST	1971
19720069784	OT and E of CRU-66/A chest mounted regulator and tester	1971
19720069785	Direction changes of emergent rays after slight rotations of reflector systems	1971
19720069786	Photoemission from semiconductors	1971
19720069787	Functional design of generic electronic-electric targets	1971
19720069788	Fuel venting 300-gallon external fuel tank	1971
19720069789	Special tests on a 15 hz Tacan system	1971
19720069790	Overvoltage transient studies of level sensor amplifier circuits	1971
19720069811	USAF Minuteman 2 stage 3 program summary report of the M57A1 rocket motor. Volume 5: Appendix G. Bibliography reports	1971
19720069812	A master signal source for use on the Sandia arc driven shock tube	1971
19720069813	Chatter monitor system, supplement	1971
19720069814	Evaluation of the conformal carriage concept on the performance and basic static longitudinal stability of the F-4E aircraft	1971
19720069815	Evaluation of pad seals	1971
19720069816	Problems with electrogasdynamic flow in ducts. A linear voltage generator	1971
19720069817	An improved method for the determination of anisotropy field in ferromagnetic thin films	1971
19720069818	Practical use of the foil copying method	1971
19720069819	Developmental status of microwave telemetry instruments	1971
19720069820	Determination of the size distribution of Barkhausen volumes in ferromagnets	1971
19720069821	Laser radar technology	1971
19720069823	JOVIAL J5.2 compiler and JOVIAL-NIPS interface	1971
19720069826	Space shuttle auxiliary propulsion system	1971
19720069829	Technology development for high performance, low-thrust solid propellant rocket motors	1971
19720069833	Nucleonic propellant gauging in a zero-G environment	1971
19720069836	low cost molded plastic rocket motors	1971
19720069839	Effect of additives on the microstructure and micromechanics of solid propellants	1971
19720069840	Stress enhancement of chemical aging process in propellant rocket engines	1971
19720069843	Filament wound graphite rocket components	1971
19720069855	SNAP reactor programs (U)	1971
19720069857	Tactical system development planning in the USAF	1971
19720069859	Application of silicon external insulation to the SRAM missile	1971
19720069861	Design and development of the SRAM motor case	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069862	Design and development of a solid propellant second pulse igniter	1971
19720069863	Stress analysis of a momaxisymmetric solid propellant, dual pulse end burning grain	1971
19720069864	Design and development of the internal insulation for a two pulse, solid, end burning rocket motor	1971
19720069866	Propulsion for geostationary spacecraft	1971
19720069868	Microspheres: A new super insulation	1971
19720069870	Orbit-To-Orbit shuttle engine/vehicle system design studies	1971
19720069871	The value of a restartable solid	1971
19720069872	Performance improvement in the Agena propulsion system	1971
19720069875	Calculation of the effects of dynamic stress waves in material with preload	1971
19720069876	A first stage Minuteman structural test vehicle	1971
19720069879	Development of a flexible exit cone omniaxial movable nozzle TVC system	1971
19720069881	Liquid ramjet dump combustor development	1971
19720069888	The space electric power R and D program (U)	1971
19720069889	Development of a thermionic reactor space power system (U)	1971
19720069890	Prototype S8DR fuel element performance test (naa 121-1 experiment) (U)	1971
19720069893	Fabrication of Phoebus-2 tie tube assemblies. Part 1: Development (U)	1971
19720069897	Hydrolysis of uranium fuel beads (U)	1971
19720069898	LASL Rover program (U)	1971
19720069923	Proceedings of Uranium Alloy Research Conference	1971
19720069924	The DREV uranium development programme	1971
19720069925	Vacuum melting and casting uranium molybdenum alloys	1971
19720069926	Analysis of uranium Alloys	1971
19720069927	Laboratory extrusion of uranium alloys	1971
19720069928	Some effects of hydrostatic pressure in metals and alloys	1971
19720069929	Microstructural aspects of fracture control	1971
19720069930	Some observation on the effect of polycrystal Grain size on the mechanical behaviour of uranium	1971
19720069931	The deformation modes of alpha-uranium	1971
19720069932	The topography of the fracture surface of some uranium alloys	1971
19720069933	A study of means of increasing the ductility of high strength uranium alloys	1971
19720069934	Study of the mechanism of tempering of a quenched U-2Mo alloy	1971
19720069935	Properties and heat treatment of cast uranium-molybdenum alloys	1971
19720069936	The effect of heat-treatment on the mechanical properties of U-2Mo and U-1Mo-.7Nb-7Zr	1971
19720069937	Theromechanical processing of U-3Mo	1971
19720069938	Thermo-mechanical treatment of uranium alloys containing molybdenum and vanadium	1971
19720069939	Transformation characteristics of quaternary uranium alloy containing molybdenum, niobium and zirconium	1971
19720069940	Study of inducer load and stress	1971
19720069943	France: Nuclear, missile, and space developments no. 301	1971
19720069945	Flow visualization studies of three space shuttle launch configurations at Mach numbers from 0.8 to 2.0	1971
19720069946	Manned space flight network testing study. Volume 3: Theoretical testing model	1971
19720069952	Aerodynamic force characteristics and oil flow studies of a delta winged space shuttle orbiter	1971
19720069954	Fundamental stuides of the metallurgical, electrical, and optical properties of gallium arsenide	1971
19720069955	Lunar studies	1971
19720069957	Time exposure studies on stress corrosion cracking of aluminum 2014-T6, aluminum 7075-T651 and titanium 6A1-4V	1971
19720069958	Measurements of stratospheric methane over North America	1971
19720069959	Elastic interactions in crack arrays	1971
19720069969	Spectroscopic temperature measurements in an arc driven shock tube produced flows	1971
19720069970	Fluid dynamics aspects of cardiovascular behavior during vibration	1971
19720069971	Interaction of the solar wind with the moon and planets	1971
19720069972	The auroral spectrum between 1200 and 4000A	1971
19720069973	Space-related activities in the Institute of molecular evolution	1971
19720069974	Control power requirements of VTOL aircraft	1971
19720069975	Engineering evaluation of disposable oil filter elements for Constant Speed Drives (CSD) on F-4, A-4, A-6, A-7, and S-2D/E-1B type aircraft	1971
19720069976	Process color experiments	1971
19720069977	Standard MARK 56 rocket motor structural firing tests at Wallops Island, Virginia	1971
19720069978	The use and properties of window functions in spectrum analysis	1971
19720069979	Computed absorption coefficient for CO2 laser transitions	1971
19720069980	C-5A Category 2 evaluation of communication subsystem	1971
19720069981	Microbiological performance testing on the water management subsystem for a four-man space capsule	1971
19720069988	F-111E category 2 systems test summary	1971
19720069989	Notes on dibromotetrafluoroethane (DBE)	1971
19720069990	Transonic wind tunnel measurements of the oscillatory lateral aerodynamic derivatives of a BAC 221 model	1971
19720069992	A direct-reading meter for the WBGT index	1971
19720069994	Design, fabrication and testing of three Two-range thermoconductivity pressure transducers	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720069995	RAE-B dual swept frequency radiometer system	1971
19720069996	Preliminary survey of ATS-5 project at The University of Texas at Austin, Austin, Texas	1971
19720069997	Effect of solutes on the creep strength of columbium alloys	1971
19720070000	Gauge invariance and the 2 photons yields (2n plus 1) pions reactions	1971
19720070001	Development of techniques and associated instrumentation for high temperature emissivity measurements	1971
19720070003	X-ray soil analyzer for planetary exploration	1971
19720070004	Simultaneous likelihood ratio processing for two active receivers, volume 1	1971
19720070005	Simultaneous likelihood ratio processing for two active receivers, volume 2	1971
19720070006	Study of Q-band hybrid microwave integrated circuits	1971
19720070007	Pre-test loading and response predictions and planning participation for testing a modified Nike-Hercules nose cone in the dasacon shock tube	1971
19720070008	Development of 1-watt, 6-gigahertz transistor	1971
19720070009	Transonic static stability characteristics of bomblet munitions models used in the evaluation of the Zero-Coning aerodynamic dispersal technique	1971
19720070010	A review of laser safety eyewear	1971
19720070011	Developmental directions in measurements of high hydrostatic pressures	1971
19720070012	A contribution to the investigations concerning the influence of noise on the sense of hearing and the circulatory system of shipyard workers	1971
19720070013	Orbit-to orbit shuttle (chemical) feasibility study. Volume 6: Program plans and costs	1971
19720070014	Specifications for the electrical control and the altitude regulator (first development stage) for the experimental aircraft VJ-101 C-X2 three channel model	1971
19720070015	Computer-controlled testing of the VTOL flight control system	1971
19720070016	Operation Flint Lock. Discus thrower event	1971
19720070017	Unsteady stall of an aerofoil	1971
19720070018	A molded flammable striker: Formulation improvements	1971
19720070019	Wall structure in thin magnetic films	1971
19720070020	Switch encoding verification and system tests, overseas Autovon, cutover 2	1971
19720070021	Fabrication processes for production of metal fluidic elements	1971
19720070022	Radar (set AN/TPS-41) data on dial pack event	1971
19720070040	Space communications, Division 6	1971
19720070041	Lidar-tracer atmospheric diffusion measurement system	1971
19720070042	Marine corrosion studies. Corrosion characteristics of a Ni-Cr-Mo alloy in quiescent seawater and its response to cathodic protection	1971
19720070043	Review of avionics change 1120 for RO-358/AQS-13 recorder	1971
19720070044	Elevation angle of arrival measurement with vertically stacked dipoles in a CDAA system	1971
19720070045	A multiple scale research program in tropical meteorology	1971
19720070046	Production engineering measure for multi-electrode crystals 30 to 70 MHz. Type CR-(XM-72)/U and CR-(XM-73)/U	1971
19720070047	Active reference measurement technique	1971
19720070048	Computerized RADC reliability notebook (GE-Honeywell/635/TSS/FORTRAN 4)	1971
19720070049	Free-flight range tests of blunted 4-, 4.5- and 5-caliber bodies of revolution with scant-ogive, tangent-ogive, and conical noses shapes	1971
19720070050	Production engineering of measure for hydrazine fuel-cells	1971
19720070051	Preliminary design of a hemispherical-nosed add-on control system employing spoilers	1971
19720070053	Submerged motor	1971
19720070054	The night-seeing leveller NiP	1971
19720070055	Integrated circuits for high density memories	1971
19720070056	Integrated circuits for high density memories	1971
19720070057	Static test firing of LGM-30F stage 1 rocket motor S/N 0013011 Minuteman surveillance program	1971
19720070058	Static test firing of LGM-30A stage 1 rocket motor S/N 0011044 Minuteman shelf/service life program	1971
19720070059	Performance of toroid coupled trees as antennas	1971
19720070060	Effect of Lubrication on the Joint Bearing Strength of Metal Joints	1971
19720070061	Percussional response of hollow immersed spheres and cylinders	1971
19720070062	Production engineering measure: Final power output traveling wave tube	1971
19720070063	Programmer's manual for the ONC map plotting program SIPILOT	1971
19720070064	Applied optics research	1971
19720070066	Standard general requirements for electronic equipment, MIL-STD-454 changes affecting Revision C	1971
19720070067	A time division beacon data acquisition system	1971
19720070070	Quarterly progress report, 1 July - 30 September, 1971	1971
19720070071	Development of graphite-epoxy structural member for Lance missile warhead. Part 1: Design and fabrication	1971
19720070072	Results of wind tunnel tests on two Navy AERCAB vehicles	1971
19720070073	Minuteman ground electronics systems, WS-133 AM/WS-133B. Model specification keyboard-printer set	1971
19720070074	Aspects and methods of nonisotropic land navigation error control including consider ration of topography	1971
19720070075	A guide to improved design for USAF airborne inertial systems	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070076	Evaluation of plastic materials for manufacture of a disposable aerial delivery container	1971
19720070077	Qualification test report motor dc, geared, with slip clutch	1971
19720070078	Transistor, NPN, switching	1971
19720070079	Vendor qualification	1971
19720070080	Boron-epoxy wing skins F-100D aircraft structural design and analysis, volume 2	1971
19720070081	Boron-epoxy wing skins F-100D aircraft structural design and analysis, volume 3	1971
19720070082	Zap rocket motor ignition system, 1	1971
19720070083	Laser inflight obstacle detection device	1971
19720070084	Theoretical and experimental study of use of junction fet digital integrated circuits in radiation environments	1971
19720070085	RMP-B flow field calculation 3: Collected results	1971
19720070086	Object detector	1971
19720070087	Beckman salinometer model RS5-3	1971
19720070088	Resistance to stress corrosion cracking of NiTi alloy coupling/titanium tubing assemblies in a severe environment	1971
19720070089	Initial production test of radio terminal sets AN/MRC-126(5) and AN/MRC-27(5)	1971
19720070090	Quality audit on encapsulation cracking	1971
19720070091	The viewing Hood oculometer: A device for target position measurement on a realtime display	1971
19720070094	Evaluation of the DE-1052 class destroyer for HH-2D helicopter operations	1971
19720070095	A theoretical analysis of chemical and fluid dynamical effects on velocity behavior in the wake of a blunted slender cone	1971
19720070097	Semiconductor, transistors, NPN silicon, switching type	1971
19720070099	Army tactical communications system structure	1971
19720070100	Development of radiation hardened operational amplifiers: Initial circuit fabrication	1971
19720070101	Systems component electromagnetic compatibility	1971
19720070102	Service life evaluation of oxide type MAW-61 Guppy 1, lead antimony submarine main storage battery cells	1971
19720070103	Manufacturing method for precision casting titanium alloy aircraft components	1971
19720070104	An automatically controlled neutron texture goniometer navigation physics	1971
19720070105	Laser display	1971
19720070106	Incremental stretch forming	1971
19720070107	Rapid repair and construction with fast fix cements	1971
19720070108	Feasibility and development of an X-ray camera for the study of front surface physics phenomena	1971
19720070109	Preliminary study on protection of adhesive bonded joints against degradation	1971
19720070110	Lance missile system hazards classification tests	1971
19720070111	BS-12 and F-699 a film titlers	1971
19720070112	Possible decrease of abrasion by coating	1971
19720070113	Category 2 A-7D arresting systems compatibility tests	1971
19720070114	Study of engine noise suppressors	1971
19720070115	Drag and performance characteristics of several rigid aerodynamic decelerators at Mach numbers from 1.5 to 6	1971
19720070116	Statistical test to determine when a fix should be calculated from multiple bearings	1971
19720070117	Minuteman materials response to crushed granite pebbles at velocities to 4,295 ft/sec, test 8 (Holloman AFB sled test no. 33Q-C6A)	1971
19720070118	Light activated silicon switch	1971
19720070119	A 4.4-5.0 GHz video conversion	1971
19720070120	Laser guided Little John	1971
19720070121	High quantum efficiency silicon photocathodes and TSEM layers	1971
19720070122	Research and development of helicopter rotor blades utilizing advanced composite materials	1971
19720070127	Reliability demonstration. Semiconductors, transistors, field effect, silicon, V channel, grown junction, metal can	1971
19720070128	Space data relay subsystem laser communications preliminary subsystem design. Volume 1: Executive summary	1971
19720070136	Tracking mode operation of a CDAA RDF system	1971
19720070137	Multifunctional bulk effect: Integrated circuits	1971
19720070138	Materials research for rapid site preparation, CY 1970	1971
19720070139	Barkhausen noise in ferromagnetic materials	1971
19720070140	Studies of high initial speed projectiles of kinetic energy	1971
19720070141	Structural-acoustic interaction of sonar array	1971
19720070142	Asymptotic behavior of a linear full-wave detector output covariance function for nonlinearly processed sonar arrays	1971
19720070144	Whirl flutter analysis of a propeller-nacelle-pylon system on large surface effect vehicles	1971
19720070145	Acoustical evaluation of the RC2-60 engine in a light tactical aircraft	1971
19720070146	Digital interface code converter	1971
19720070147	Redesign and retrofit of film transport for HiRec electron beam recorder	1971
19720070148	Evaluation of type 931251X microelectronic circuits multiplexer manufacturing by Advance Micro Devices. Second source for SCN 310101	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070149	USAF Minuteman 2, Stage 3 program summary report of the M57A1 rocket motor, volume 1	1971
19720070150	USAF Minuteman 2, Stage 3 program summary report of the M57A1 rocket motor Volume 2: Appendix A: Specific problem-solution descriptions. Appendix B: Ballistic failure analysis summary. Appendix C: Drawings and specifications. Appendix D: Engineering change proposals	1971
19720070151	USAF Minuteman 2, Stage 3 program summary report of the M57A1 rocket motor. Volume 3: Appendix E, motor data log	1971
19720070152	Electric machines with linear motion	1971
19720070153	Production engineering measure for beam lead integrated circuits	1971
19720070154	Computer hindcast and forecast predictions of automatic weather station signal propagation	1971
19720070155	Fluid dynamic analysis of hydraulic ram	1971
19720070156	Broad band near infrared laser detector	1971
19720070157	Direct Fire Simulator (DFS) visual indicator 3 kW xenon flash unit	1971
19720070158	OV1-21 RTD-701-1 support silicone foam evaluation report, TIS 1040	1971
19720070159	Tred HF communication system analysis	1971
19720070160	Methodology investigation of joint USAECOM/USATECOM solar radiation test of selected USAECOM equipments	1971
19720070161	Production engineering measure for avalanche transit time amplifier PEM for ADA	1971
19720070162	Development of production methods for plastic quadrant molded missile airframes	1971
19720070163	Production engineering measure for an electron-beam machine and microwave transistors	1971
19720070164	Transonic magnus characteristics of two low-drag projectile configurations	1971
19720070165	Standardization of recorders, strip and tape (revised)	1971
19720070166	USAF Minuteman 2 stage 3 program summary report of the M57A1 rocket motor. Volume 4: Appendix F. Motor firings	1971
19720070167	USAF Minuteman 2 stage 3 program summary report of the M57A1 rocket motor. Volume 6: Appendix G. Bibliography reports, continued	1971
19720070168	Advanced V/STOL propeller technology. Volume 2: Static thrust prediction method development	1971
19720070169	Advanced V/STOL propeller technology. Volume 3: Cruise performance tests	1971
19720070170	Advanced V/STOL propeller technology. Volume 4: V/STOL synthesis study	1971
19720070171	Advanced V/STOL propeller technology. Volume 5: Surface pressure measurements on a propeller blade operating at zero advance ratio	1971
19720070172	Orbit-to-orbit shuttle (chemical) feasibility study. Volume 4: System design. Part 1: System design concepts	1971
19720070173	Orbit-to-orbit shuttle (chemical) feasibility study. Volume 1: System design. Part 2: System design analysis	1971
19720070174	Orbit-to-orbit shuttle (chemical) feasibility study. Volume 4: System design. Appendix B: Avionics studies of the orbit-to-orbit shuttle	1971
19720070175	Orbit-to-orbit shuttle (chemical) feasibility study. Volume 6: Program development plan	1971
19720070176	Orbit-to-orbit shuttle (chemical) feasibility study. Volume 4, book 1: Design and integration	1971
19720070177	Orbit-to-orbit shuttle (chemical) feasibility study, Volume 4, book 2: Design and integration, appendices	1971
19720070178	Orbit-to-orbit shuttle (chemical) feasibility study. Volume 5, Book 1: Subsystems (structures and propulsion)	1971
19720070179	Orbit-to-orbit shuttle (chemical) feasibility study. Volume 5, book 2: subsystems (avionics)	1971
19720070181	Active vibration isolator	1971
19720070182	Application of high velocity and high pressure fabrication methods using powder metal for production of missile components	1971
19720070183	Current status and potential of unconventional photographic materials of interest to the us navy	1971
19720070184	A computer program for evaluating radar performance in a high-altitude nuclear environment	1971
19720070185	Super performance afterburning turbine engine study program: Executive summary	1971
19720070186	Super performance afterburning turbine engine study program	1971
19720070187	Laser Division Digest, fall 1971	1971
19720070190	Principal investigator support for the apollo lunar sounder experiment S-167/168	1971
19720070191	The A-4 AIMS evaluation	1971
19720070192	Evaluation of the Donaldson strata panels serial no. 2037A524 and serial no 2037A756	1971
19720070193	Visual Aerial Delivery Sight (VADS)	1971
19720070195	The electric power storage 1 kW hydrogen-air breadboard fuel cell system	1971
19720070196	Study of barrier layers for the passivation and protection of plastic encapsulated integrated circuits	1971
19720070197	High temperature metallizing	1971
19720070198	Alumina ceramics in microwave valves	1971
19720070199	Black Brant rocket AND-3-41 launched at Churchill Research Range 28 February 1971	1971
19720070200	A fast computational method of determining satellite-to-ground-terminal parameters for quasi-geostationary orbits	1971
19720070201	Measurements made in the three components with six horizontal VM pendulums and three Askania gravimeters	1971
19720070202	Earth tides information bulletin number 61, 1 September 1971, pages 3001-3111	1971
19720070203	Earth tides, yearbook 1969	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070204	A general partial state estimator	1971
19720070206	A production engineering measure for travelingwave tubes. Volume 1: Text	1971
19720070207	Definition and simulation of threat aircraft radar signatures. Volume 2: Analog recordings of results of long and short pulse measurements on aircraft models	1971
19720070208	A study of folding proprotor VTOL aircraft dynamics. Volume 1. Analytical methods	1971
19720070209	Ablative materials for high heat loads. Part 2: Heterocyclic resins, layered composites, elastomers, and filament wound composites	1971
19720070210	Boron-epoxy wing skins F-100D aircraft structural design and analysis, volume 1	1971
19720070211	Modularized vehicle simulation system. Volume 1. General description	1971
19720070212	Space data relay subsystem laser communications preliminary subsystem design. Volume 3: Appendices	1971
19720070213	Iran counterinfiltration systems study. Volume 2, appendix A: Airborne sensor system development and implementation	1971
19720070214	Evaluation of prototype anti-laser goggles. Part 1: Spectacles. Type 1: February - March 1971	1971
19720070215	Evaluation of prototype anti-laser goggles. Part 2: Coverall goggles (Types 2 and 3), March - June 1971	1971
19720070216	Category 2 evaluation of the C-5A electrical subsystem	1971
19720070221	Optical matched filtering for missile guidance	1971
19720070224	Evaluation tests on quartz crystals, type T05-(CR-80/U)	1971
19720070225	Evaluation tests on quartz crystals, type T05-CR-77/U	1971
19720070226	Status of semiconductor technology in France, 1971	1971
19720070227	Shelf/service life tests of Arlind Company MXU-35/A igniters (used on Air-2A Genie rockets)	1971
19720070228	Check test secure mode operation of medium capacity communications assemblages AN/TRC-117, AN/TCC-60, AN/TCC-61, and AN/TCC-110	1971
19720070229	Production engineering measure for low radiant power infrared sources	1971
19720070230	Isothermal forging of reliable structural forgings	1971
19720070231	Development and evaluation of a flight attenuation model	1971
19720070232	Source qualification for AS132665	1971
19720070233	Plug in relay: Panacea or Pandora's box	1971
19720070234	Report of test on transformer, power, high voltage, 373217, Raytheon Company, Microwave and Power Tube Div.	1971
19720070237	The oxidation of silicon carbide refractories by the products of combustion of gas	1971
19720070239	Amplified ferrimagnetic echoes in single crystal-polycrystal YIG composites	1971
19720070240	Hewlett-Packard model H10-8620A sweep oscillator	1971
19720070241	Microwave reciprocal latching ferrite phase shifters	1971
19720070242	Species number density measurements in plume interactions with free stream using an electron beam technique	1971
19720070243	Foundry procedures and mechanical properties of a modified copper-nickel-chromium high-strength casting alloy (IN-768)	1971
19720070244	YOV-10D night observation gunship combat operational evaluation	1971
19720070245	Perforated metallic shells for radome applications	1971
19720070246	Daylight projection system	1971
19720070247	Evaluation of a flexible radio frequency coaxial cable with a silver-plated copper-clad aluminum center conductor	1971
19720070248	Separation characteristics of the SUU-51 laser-guided disperser munition with fixed tail fins from the F-4C aircraft	1971
19720070249	Chirped Michelson spectroscopy	1971
19720070250	VELA Seismic Information Analysis Center (VESIAC)	1971
19720070251	EA-6B aircraft, aircrew automated escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring	1971
19720070252	Technical evaluation of signal generator SG-841/UPX	1971
19720070253	Production engineering measure. Computer aided design system for linear integrated circuits	1971
19720070255	Atmospheric effects on millimeter wave propagation	1971
19720070256	Corrosion studies of a 10Ni-Co-Cr-Mo steel weldment	1971
19720070257	Microfiber-fluoroelastomer composite seal materials	1971
19720070258	Studies on changes in the density of cast TNT-RDX-charges resulting from cyclic heat treatment	1971
19720070259	Explosibility hazard of unpigmented industrial nitrocellulose. Part 1: Commerical samples	1971
19720070261	Read mostly memory using glassy semiconductors	1971
19720070262	Pulse performance of semi-transparent photocathodes	1971
19720070263	Study of negative electron affinity techniques with silicon	1971
19720070265	Bombardment induced conductivity investigation on a silicon diode array	1971
19720070272	Post: Program to Optimize Shuttle trajectories. Volume 1: Formulation manual	1971
19720070274	Sodium vapor experiment	1971
19720070276	Vigilance: Factors influencing detection and monitoring performance	1971
19720070277	Radiation Protection Special Study no. 42-095-71. Project Elementary Air Ground Lethality Effects System (EAGLES)	1971
19720070278	Linguistics and mathematics	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070281	TOW	1971
19720070282	Development and evaluation of experimental silver brazing training procedures and techniques	1971
19720070283	General review of geodetic measurements	1971
19720070284	Formulas for polar geodetic coordinates from geographic coordinates within the geodetic field	1971
19720070285	Department of Defense in-house RDT/E activities	1971
19720070287	Contribution to the study of the effect of acoustic stimulation on the blood	1971
19720070288	Studies on water content in the brain in a noisy environment	1971
19720070289	New collective protection filter configuration studies	1971
19720070290	Ultrasonic techniques in ceramic research and testing	1971
19720070291	An investigation into haze effect on rain repellent windscreens	1971
19720070292	A comparison of possible techniques for driving aircraft auxiliary systems from gas turbine engines	1971
19720070293	Heat transfer and surface pressure measurements on two conical wings in free flight up to free stream Mach equals 4.5	1971
19720070296	The effect of a stiffness nonlinearity on vector response loci	1971
19720070297	The CPILS airborne unit	1971
19720070298	Long time creep tests on clad RR 58 sheet to DTD 5070A and a check on the Graham-Walles extrapolation method	1971
19720070300	Interference problems on wing-fuselage combinations. Part 2: Symmetrical unswept wing at zero incidence attached to a cylindrical fuselage at zero incidence in midwing position	1971
19720070301	Development of improved silicon storage tube	1971
19720070302	Minuteman ground electronics system WS-133 AM/WS-133B. Model specification: Memory controller group test set, figure A14225	1971
19720070303	Minuteman ground electronics systems, WS-133 AM/WS-133B	1971
19720070304	Terminal Sensor Overland Flight Test (TSOFT) program. Volume 3: Equipment design and ground test results, Book 2	1971
19720070305	A digital simulation model for carrier air traffic control	1971
19720070306	Multifunctional bulk effect integrated circuits	1971
19720070307	INSB avalanche photodetector development	1971
19720070308	Production engineering measure for field effect, metal-oxide semiconductor, cascode, 100 MHz	1971
19720070309	Solid state encoding altimeter, Supermatie DOD aims systems program office	1971
19720070310	The design and development of a Position and Azimuth Determining System (PADS)	1971
19720070311	The effect of stress fields on the ultrasonic energy reflected from discontinuities in solids	1971
19720070312	Service test/initial production test of test facilities set, AN/TPM-24(V)3	1971
19720070313	Qualification test report solid tantalum capacitors CSR-13	1971
19720070315	Iran counterinfiltration systems study. Final airborne operations report, Volume 3, Appendix B: Evaluation of unclassified infrared line scanners for possible use in Iran	1971
19720070316	Lithium/chalcogen secondary cells for components in electric vehicular propulsion generating systems	1971
19720070317	Static test firing of minuteman first stage, LGM-30A operational motor S/N 0011028 operational shelf/service life program	1971
19720070318	The lubricating behavior of a modified fluorosilicone fluid at 275 F	1971
19720070319	Analytical comparison of helicopter control techniques	1971
19720070320	J52-P-408 engine evaluation, high and low temperature starting and acceleration test	1971
19720070321	New laser devices: Parametric light wave apparatus	1971
19720070323	Production engineering measure for solid state photodetectors	1971
19720070324	EA-6B aircrew automated escape system, operational aeromedical and human factors, maintainability, and engineering evaluation and system development monitoring	1971
19720070325	Specification compliance tests of radio set AN/SRC-20A	1971
19720070326	Production engineering measure for improvement of techniques to increase the reliability for ceramic isolation capacitors for integrated circuits	1971
19720070327	Fretting resistant coatings for titanium alloys	1971
19720070328	Production engineering measure crystal unit CR-(XM-69)/U and CR-(XM-70)/U	1971
19720070329	Growth and characterization of thin film 35 ternary compounds for photocathodes	1971
19720070330	Surface treatment and sensitization of semiconductor photocathodes	1971
19720070331	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-3	1971
19720070332	Long-term GI-T1-B test report	1971
19720070336	Receiving set, countermeasures AN/ALR-44 (xan-1)	1971
19720070337	Demonstration of combined reliability prediction and verification techniques to a typical flight control system. Volume 1: Development and application of tabular system reliability analysis to the F-3 pitch flight control system	1971
19720070338	Demonstration of combined reliability prediction and verification techniques to a typical flight control system. Volume 2: tabular system reliability analysis (TASRA) instruction manual	1971
19720070339	Production engineering measure for VHF fundamental mode crystal blanks	1971
19720070341	Performance relationships of greases in the R4 bearing test and the high temperature performance test	1971
19720070342	Design verification of Chatham P/N 28VS200Y-4A 200-ampere converter	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070343	Annual review of type life programs: Calendar year 1970	1971
19720070344	Certification of automatic carrier landing system at the Naval auxiliary landing field, Fentress, Virginia, for mode 1 operation	1971
19720070345	Isothermal forging of titanium alloy main landing gear wheels	1971
19720070346	Production engineering measure for electronic Quality Assurance Test Equipment, automatic (equate)	1971
19720070347	Study of materials and structures for use with tubes for magnetohydrodynamic conversion of thermal energy of combustion gas into electric energy	1971
19720070348	Upper stage system separation, test report, SESP flight P72-1	1971
19720070349	Planetary ball swaging of welded titanium alloy tubing	1971
19720070352	Photoemission from semiconductors	1971
19720070354	Development of S-band dematron amplifier	1971
19720070355	Systems research for radar, ECM and communications systems	1971
19720070356	A laboratory simulation technique of the thermal effects of solar radiation on certain munitions	1971
19720070357	Development summary of catalyst generator WMU-1/B	1971
19720070358	Ferrite/dielectric composite integrated microwave circuit development	1971
19720070359	Laser communication preliminary subsystem design for the data relay subsystem. Volume 1: Executive summary	1971
19720070360	Laser communication preliminary subsystem design for the space data relay subsystem. Volume 3: Appendixes	1971
19720070361	A study of the abrasive mats used on aircraft surfaces during maintenance operations, part 1	1971
19720070363	Data presentation system. User's manual	1971
19720070364	Radiation protection special study no. 42-119-71/72 large gun Direct Fire Simulator (DFS) 310 series, gallium-arsenide laser illuminators, June - July 1971	1971
19720070365	Experimental results of a cesium diode as high current switch	1971
19720070366	A 3.2 millimeter transmitter tube, addendum	1971
19720070367	The stabilization of optical fire direction apparatus for battle tanks	1971
19720070368	Interference of a cruciform wing	1971
19720070369	The management and organization aspects of the ICL 1907 computing service at RAE	1971
19720070372	A study of data links for air-to-surface missiles	1971
19720070373	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-2	1971
19720070374	SIAF transport technology	1971
19720070375	Performance of a deep-sea array after a 4 year exposure in the tongue of the ocean, Bahamas	1971
19720070376	Survey of skirt materials for an Artic surface effect vehicle	1971
19720070377	An investigation of direct sideforce control for improving maneuver capability of attack aircraft	1971
19720070378	Critical components of test and measuring systems: Regarding investigation of the behavior of fatigue strips under difficult environmental conditions	1971
19720070379	Test and evaluation of magnus rotors and other bodies, flight dynamics data reduction and analysis	1971
19720070380	Field expedient systems in use by Army Aviation in RVN	1971
19720070381	Limited air-to-air-tracking and qualitative flying qualities evaluation of selected flight control system configurations in the F-4C/E aircraft	1971
19720070382	Report of the Task Group on Defense In-house Laboratories	1971
19720070383	Preparation, properties and structure of some organotin acrylates	1971
19720070384	Investigation of downwash on missile control surfaces	1971
19720070385	Atmospheric light transmissivity and scattering in the visible range and in the infrared up to 5 microns - State of the art, instrumentation and measurements	1971
19720070386	Three component measurements in transonic ranges with various nose-cylinder configurations	1971
19720070387	Pressure distribution measurements on a body and two wing-body combinations for investigation nonlinear normal force and moment characteristics	1971
19720070388	Problem of describing matter and antimatter in the relativistic field theory	1971
19720070389	The use of the nonlinear wing theory of K. Gersten in transonic flow	1971
19720070390	The nonlinear wing theory of K. Gersten	1971
19720070392	Manufacturing methods and technology study for fabrication of small diameter missile motor cases	1971
19720070393	Experimental work on MHD accelerator for wind tunnel application	1971
19720070395	Stress corrosion tests on aluminum zinc magnesium extrusions	1971
19720070396	Calculation of acoustic radiation using spheroidal wave functions	1971
19720070397	CASSTRO 3: A Canadian air/sea simulation of transport operations	1971
19720070398	APL programs for the evaluation of the exponential, circular and Fresnel integral functions	1971
19720070400	Proceedings of the Meeting on Delay Compositions, 2d	1971
19720070401	The limitations of radiographic image detail due to the film	1971
19720070402	Preparation of penafuorosulphur chloride	1971
19720070403	Black Brant rocket AAD-VB-30 launched at Churchill research range, 14 December 1970	1971
19720070404	Monthly bulletin. Canadian upper air data, March 1971	1971
19720070405	Product improvement test of receiving set, radio AN/PRR-9 (XE-9)	1971
19720070407	Qualification tests on transformer, pulse, NOC, enclosed, 30-300 kc	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070422	Qualification test of rotary switch	1971
19720070426	TOW support and maintenance services	1971
19720070427	The TM 10 artillery telemeter	1971
19720070428	New high power broadband coated Al ₂ O ₃ windows	1971
19720070429	Qualification, inductor assembly	1971
19720070431	Report of test on diode, silicon, reference, (1N4062) 373077, Dickson Electronics Corporation	1971
19720070432	Rollout of the XC-1 transport	1971
19720070433	Forward looking IR (FLIR) in collision avoidance: A field evaluation	1971
19720070434	Report of test on high voltage RF transformer, 373101, Raytheon, Electromagnetic Systems Division	1971
19720070437	Establishment of a plasma melting manufacturing process for production of nickel-base alloys	1971
19720070438	Space shuttle airbreathing engine study. Volume 5: Preliminary engine performance specification (JP-4 fueled engine) (U)	1971
19720070439	Space shuttle airbreathing engine study. Volume 4: Preliminary engine performance specification (liquid hydrogen fueled engine) (U)	1971
19720070440	Space shuttle airbreathing engine study. Volume 2: Engine design study (U)	1971
19720070441	Space shuttle airbreathing engine study. Volume 1: Engine analysis (U)	1971
19720070442	Report to industry on the Navy solid propulsion technical workshop (U)	1971
19720070453	Burn rate of doped AP propellant (U)	1971
19720070454	Radar set AN/TPS-58 ET/ST (U)	1971
19720070455	Internal wave system created by a dipole moving in a two-layer fluid (U)	1971
19720070468	Evaluation of the phase 2 Beartrap airplane (U)	1971
19720070473	Advanced image intensification tube component, tube and system performance studies during the period 1 November 1970 - 31 January 1971 (U)	1971
19720070474	Advanced image intensification tube component, tube and system performance studies during the period 1 August - 30 September 1971 (U)	1971
19720070479	Remote Sensor Surveillance System (RSSS) (U) and Battle Area Surveillance System (BASS) (U)	1971
19720070485	Immersed electric dipole experiments (U)	1971
19720070486	Exploratory design study on electron optical systems (U)	1971
19720070488	Laser guided bomb ship suitability test (U)	1971
19720070494	AN/PPS-5, AN/PPS-11, AN/PPS-12 Radars (U)	1971
19720070497	Flight test report of the E27 warhead section on the Honest John M50 rocket, 19 LV (U)	1971
19720070500	A classification system, measures of effectiveness, and model for countersurveillance (U)	1971
19720070501	Advanced aircraft propulsion-engagement study, Volume 1 (U)	1971
19720070527	Study of deep flaws in weldments of aluminum and titanium	1971
19720070528	Thermally resistant polymers for fuel tank sealants	1971
19720070529	Product improvement test of product improved surveillance radar sets AN/PPS-5A and AN/PPS-5B and ancillary items	1971
19720070532	A CDAA RDF system with an on-line computer	1971
19720070533	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PGA-4	1971
19720070534	Static test firing of Minuteman third stage wing 2 operational motor S/N 0032085 LGM-30B operational service life program	1971
19720070535	Sound reception and attenuation characteristics of the Cosmocord limited ERDEfender Mk 1 Earmuff and the Sonex Gunfender (Gundefender) amplitude sensitive ear plug	1971
19720070542	Continuum theory of dislocations and self-stresses	1971
19720070545	Thermal vacuum qualification of the extravehicular mobility unit for Apollo G missions	1971
19720070546	Research on solid state sensor techniques	1971
19720070548	Complex chalcogenides as anti-wear and extreme pressure addition agents for lubricating greases	1971
19720070557	Mechanical properties of high-strength, heavy-section alloy titanium forgings	1971
19720070558	Effects of filler wire size and type and shielding gas compositions on the performance of the extended electrode technique as applied to the welding of 2-inch HY-80 plate	1971
19720070559	Interactions in nickel-base alloys. A statistical analysis of hot-corrosion results	1971
19720070560	Evaluation of the SH-3D helicopter/Mk-104 acoustic venturi tow system	1971
19720070564	ECM/ECCM test and evaluation support program	1971
19720070565	Evaluation of exhide type MBA-41, guppy I mod C submarine main storage battery cells by the 23-1 float-charge procedure	1971
19720070568	Report of test on reactor, power inductor, high voltage, 152707, Raytheon Company, Microwave and Power Tube Division	1971
19720070569	Report of test on reactor, power inductor, high voltage, 373135, Raytheon Company, Microwave and Power Tube Division	1971
19720070571	Microelectronics engineering report for Raytheon Company NAVORD SCD 2888545 revision A	1971
19720070576	Magnetism. Novel method of measuring the energy of Bloch walls	1971
19720070578	Test stand, final inspection, 31TL2867-1	1971
19720070579	Integrated inertial/NAVST study analysis and planning for test. Volume 2: Program plan	1971
19720070580	A sequential test for availability demonstration	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070581	Investigation of laminated structures for radio frequency applications	1971
19720070584	Digital equipment susceptibility	1971
19720070585	LSI correlator	1971
19720070587	Research study of color photographic duplication	1971
19720070588	Advanced composite joints design and acoustic fatigue characteristics	1971
19720070589	Flight Experiment Shielding Study (FESS), satellite data analysis, phase 3	1971
19720070591	High density disc recording development program	1971
19720070592	Experimental determination of the mass moments of inertia of a full-scale model in order to verify the measurement accuracy	1971
19720070593	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor ROA-5	1971
19720070594	Comparative analysis life cycle cost AN/PPS-17 (XN1) - AN/PPS-6	1971
19720070595	Injection diode laser arrays	1971
19720070596	Accelerated service test of the TF30-P-408 engine	1971
19720070597	Correlation of transverse jet control effectiveness on a body of revolution with angle of attack at Mach number 1.75	1971
19720070598	A one-dimensional plane wave propagation code for layered nonlinear hysteretic media	1971
19720070599	Evaluation tests of C-5A airplane aerial delivery system. Phase 2: Airdrop and jettison capability	1971
19720070600	A proposed conical shock tube technique for investigating the dynamic response of missile bodies to blast waves	1971
19720070601	Multilayer interconnections for hybrid microcircuits	1971
19720070602	Special study of increased accuracy for testing 2.75-inch rocket components	1971
19720070603	Evaluation of environmental and service conditions on filamentary reinforced composite structural joints and attachments, volume 1	1971
19720070604	Evaluation of environmental and service conditions on filamentary reinforced composite structural joints and attachments, volume 2	1971
19720070605	Tri-service 2.75 inch rocket evaluation	1971
19720070606	Qualification of Minco resistor, wirewound, positive temperature coefficient	1971
19720070608	TACAMO 4B program engineering report, volume 1	1971
19720070609	Mechanics of impact and crack propagation, phase 1: Development of an analytical fracture model of projectile penetration	1971
19720070613	Time domain vocoder analyzer-synthesizer	1971
19720070614	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage	1971
19720070615	Force tests on the B-1 bomber crew escape module in proximity to the parent fuselage with cold flow rocket plume simulation at Mach numbers from 1.50 through 2.24	1971
19720070616	Sensor study	1971
19720070617	Responses of an electron capture detector to some inert, non-toxic low molecular weight compounds	1971
19720070619	Design guidelines for hybrid microcircuits	1971
19720070620	Magnetism, interactions between magnetic surfaces in thin superimposed layers	1971
19720070621	Modification of propellant binders	1971
19720070622	Design verification of Basler 50 ampere converter	1971
19720070623	Terminal homing systems stabilization for airborne laser	1971
19720070624	Small turbine engine analysis and preliminary design	1971
19720070625	The relationships between trace elements, microstructure properties of modular iron	1971
19720070628	Operationally oriented monitor of the TF-34-GE-2 engine development	1971
19720070629	F-4C weapon system study. Operating the DOD with less money and less manpower	1971
19720070630	AL2O3 investigation for insulated-gate semiconductor devices	1971
19720070631	Polyurethane static storage tank development	1971
19720070632	Pulsed laser holography, 2	1971
19720070633	Production engineering measure for digital electronic fuze timer XM587E2	1971
19720070634	Studies on fuel tank materials. Phase 3: effects of deteriorating influences on seams	1971
19720070635	Studies on fuel tank materials. Phase 2: Effects of deteriorating influences on elastomers	1971
19720070636	DC-electroluminescent flat panel display	1971
19720070638	Weapon system 133A missile failure analysis Minuteman stage 1 motor flight test missile 1311 glory Trip 94B	1971
19720070639	High frequency gallium arsenide Schottky barrier gate field effect transistor	1971
19720070640	Test stand, sensor and computer calibration 31TL2860-1	1971
19720070641	Ultrasonic damping measurements on light metals	1971
19720070642	TOW	1971
19720070643	Two new applications of the relations between Laplace transforms and Fourier transforms: Nonlinear transforms of random signals, random renewal signals	1971
19720070644	Engineering evaluation of Aerospace Avionics, Incorporated, military part no. M24021-2 and part no. M24021-4, external power monitors	1971
19720070645	Engineering design handbook. Criteria for environmental control of mobile systems	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070646	Aging and surveillance testing of a Minuteman LGM-30F stage 2 rocket motor at simulated pressure altitude motor S/N AA 20023, designation OP-10	1971
19720070647	Annual report FY 1971 Civil Engineering Research Division, Air Force Weapons Laboratory	1971
19720070648	The Gibbs transform fault between the rift and the margin of Labrador	1971
19720070649	The Gibbs fracture zone and deep circulation in the North Atlantic	1971
19720070653	Developmental and demonstration testing of A-7 aircraft having the TF30-P-408 engine installed	1971
19720070654	Scattering intensity plots and transmission coefficients for millimeter-wave propagation through rain	1971
19720070655	Emergency control of boundary layer on aircraft wings by propellant energy pad antistall. Pad two-phase boundary layer and its drag reduction characteristics, part 3	1971
19720070656	Thermally stable polymeric fibers, part 4	1971
19720070657	Exploratory development of new and improved self sealing systems for aircraft integral fuel tanks	1971
19720070658	A study of folding propotor VTOL aircraft dynamics. Volume 2: Computer programs	1971
19720070659	AN/SKQ-3 tracking receiver modules	1971
19720070660	Manufacturing methods for ion implantation	1971
19720070661	VTOL transport aircraft VC 400	1971
19720070662	Vector miss distance indicator	1971
19720070664	The III-V photocathode image intensifier tubes	1971
19720070665	Concerning the N-categories	1971
19720070666	The interaction of two plane sound waves of finite amplitude and coincident direction of propagation	1971
19720070668	Static fragmentation test of the AGM-65/A	1971
19720070669	A statistical study of complex technological processes	1971
19720070670	Introduction of a guidance system to the trajectory equations for a six-degree-of-freedom missile using a fixed plane coordinate system	1971
19720070671	Project SECEDE: Analysis of barium clouds, volume 1	1971
19720070672	Manufacturing methods program - 100 kW, ku-band power amplifier	1971
19720070674	Powder metallurgy production of structural shapes	1971
19720070675	PETROS 3: A finite-difference method and program for the calculation of large elastic-plastic dynamically-induced deformations of multilayer variable-thickness shells	1971
19720070676	Development of large high-performance centrifuges	1971
19720070677	Application study of wavefront sampling technique	1971
19720070678	Description of a refrigerator system closed-loop cold gas transfer for operation in the temperature range 15 K to 80 K	1971
19720070679	Civil aircraft airworthiness data recording programme. Special events of meteorological origin, January 1966 - November 1968	1971
19720070680	The effect of ridge excrescences and trailing-edge control gaps on two dimensional aerofoil characteristics	1971
19720070682	Determination of porosity in electroless nickel coating	1971
19720070683	Laser communications	1971
19720070684	Zero padding as a means of improving definition of computed spectra	1971
19720070685	Responsive filter techniques	1971
19720070686	Development of high temperature functional fluids	1971
19720070688	X-ray cross section compilation from 0.1 keV to MeV. Discussion and results. Volume 1: Revision 1	1971
19720070689	Operational test and evaluation, night vision goggles	1971
19720070690	Stress distribution and displacements in a lubricated elastic seal	1971
19720070692	Design study of large sculpted mirror substrates. Volume 2: Deflection maps	1971
19720070693	Research into circular geometry device	1971
19720070694	Weldbond flight component design/manufacturing program	1971
19720070695	Continuation of the study of the retrieval of biological research information as support for laboratory investigators at WRAIR and USAMRDC	1971
19720070696	Production engineering measure for solid state avalanche photodetectors	1971
19720070698	RAGMOPS: A Rigorous and General Multi-Option Photogrammetric Simulator	1971
19720070699	The statistical characterization of the 3000 mile HF channel environment recreated by the multi-path propagation synthesizer stored ionosphere	1971
19720070700	Abrasion resistant lens caps	1971
19720070701	Lithium shock transducer development program	1971
19720070703	Production engineering measure for 25 mm intensified diode array camera tube	1971
19720070704	RADC/MULTICS evaluation	1971
19720070705	Properties of photodectors (photodector series,	1971
19720070706	A flightworthy breadboard system for computing stability, attitude, and heading from body-mounted sensors	1971
19720070707	Limited evaluation of a fiberglass aerial target (FIGAT) and an electronic bullet scoring system	1971
19720070708	Development of a high temperature aircraft structural adhesive with improved peel strength	1971
19720070709	Operational test and evaluation of distress marker light SDU31/E	1971
19720070710	Flashblindness protection in anti-submarine warfare aircraft	1971
19720070711	Airshock from three military explosives	1971
19720070712	Static test firing of Minuteman second stage, M56A1 operational motor S/N 0022048 LGM-30 program	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070713	Relation between crystal defects and electrical properties in silicon planar devices	1971
19720070714	Freon cooled GaAs laser	1971
19720070715	CVD developments: GEC annual report number: 4A	1971
19720070716	Photoemission from gallium arsenide	1971
19720070717	An exercise in program design	1971
19720070718	Nonlinear mechanical response of real materials. 9: On the formulation of rheological equations of state for solids	1971
19720070719	Study of avalanche diodes as microwave oscillators at O-band	1971
19720070721	Material for high peak power Gunn devices	1971
19720070722	Proceedings of a Seminar on Thickness measurement of Floating Ice by Remote Sensing	1971
19720070723	Signal characteristics and digital transmission performance measured on the STC experimental troposcatter link	1971
19720070724	Interference generation by hydrogen thyratrons	1971
19720070725	Study of improved magnetron cathodes	1971
19720070726	GaAsP for low energy spread cathodes in support of Project RP28-1	1971
19720070727	S-band twin channel low noise, parametric amplifier, C/X-band twin channel low noise, parametric amplifier, and varactor diode (stage B)	1971
19720070728	Information storage and display devices using liquid crystal compounds	1971
19720070730	Low storage time transistors incorporating Schottky barrier diodes	1971
19720070731	Feasibility study on periodic permanent magnet focusing of high power electron beams	1971
19720070732	Saddle points for linear differential games	1971
19720070733	Evaluation of samarium cobalt for ppm focusing applications	1971
19720070734	Design of a seismic hydrophone winch	1971
19720070735	Improved encapsulation techniques for semiconductor devices	1971
19720070736	Three lectures on control theory	1971
19720070737	Pyrolytic boron nitride	1971
19720070738	Sealing of beryllia ceramics to metal	1971
19720070739	Multilevel interconnection technology for complex arrays of integrated circuits	1971
19720070740	Evaluation of beryllia ceramics for electronic applications	1971
19720070741	Ion-implanted pin diodes	1971
19720070743	Canadian upper air data	1971
19720070744	Fabrication of MOS integrated circuits by ion implantation	1971
19720070745	Bibliography on methodologies for evaluating research and development projects	1971
19720070746	C/X band low noise bipolar transistor	1971
19720070747	Bulletin of the Radio and Electrical Engineering Division, Volume 21 number 2, April - June 1971	1971
19720070748	Human factors for designers of naval equipment, volume 1	1971
19720070749	Human factors for designers of naval equipment, Volume 2	1971
19720070750	Fatigue crack initiation and propagation in half inch (12.7 mm) thick specimens of an aluminum alloy	1971
19720070751	Supersonic gas solid particle flow in an axisymmetric nozzle by the method of characteristics	1971
19720070752	Semiconductor cold cathode displaying a sharp high energy cut-off	1971
19720070753	Enhancement by Total Internal Reflection (TIR) of semi-transparent S.20 photocathodes	1971
19720070754	Study of pyroelectric thermal imaging camera tube	1971
19720070755	Theoretical gain and power output of gas-dynamic laser	1971
19720070756	Effects of sun, moon, and satellite conjunctions on the NATO SATCOM phase 2 system	1971
19720070757	Static test firing of Minuteman second stage, M56 operational motor S/N 002/023, LGM-30 program	1971
19720070758	Static test firing of minuteman second stage, M56 operational motor S/N 002/039, LGM-30 program	1971
19720070759	Single crystal tin telluride-lead selenide for infrared detection	1971
19720070760	Photographic quality transfer techniques	1971
19720070761	User's guide for the CDC 6700 computing system	1971
19720070762	Analysis of experimental force data for lift augmentation by spanwise blowing over trailing edge flaps and aircraft control surfaces	1971
19720070763	Fabrication of tubular portion of rocket launcher motor from class-reinforced plastics to make direct visual observation of flame propagation possible	1971
19720070764	Advanced, small high temperature rise combustor program	1971
19720070765	RSTHRM: A resistance thermometer calibration program	1971
19720070766	Flight test report LASL B-57 particulate debris sampler	1971
19720070768	Performance in relation to adaptation to environment and the effects thereon of disease, nutrition and training	1971
19720070769	Analysis and full scale testing of an aircraft shelter	1971
19720070770	Ultrafine conductive filament development	1971
19720070771	C-5A category 2 aerial delivery systems test: Airdrop phase	1971
19720070772	Development and test of thermal protection methods for bomb fuzes to extend cook off time in large aircraft fuel fires	1971
19720070773	High temperature, rain erosion resistant fluoroelastomer coating	1971
19720070774	VHF tactical channel simulator	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070775	Investigation of the T-2B/C aircraft 2500VA installation and standardization of military standard drawing MS17404	1971
19720070776	Technology of PCM relay systems	1971
19720070777	Special study of armor acceptance data obtained from ballistic tests during FY 1971 and proposed ballistic quality assurance plan	1971
19720070778	Wideband analog recorder/readout system	1971
19720070782	Aerodynamics of longitudinally supported ring tail configurations	1971
19720070784	LSQ a least-squares orthogonal polynomial interactive graphics curve fitting program	1971
19720070786	Elastomeric hydraulic O-ring seals for Naval aircraft	1971
19720070787	Temperature field and recirculation processes with the VJ 101 C-X2 under vertical take-off conditions	1971
19720070788	Shock excited FTIR Q switch	1971
19720070789	Design and development of a parachutist bio-instrumentation system	1971
19720070790	Rain-erosion tests on Walleye	1971
19720070792	VTOL light mechanical starting and landing investigations using various control systems in hovering flight	1971
19720070794	Theory of magnetic thin films	1971
19720070795	The linear motor (10)	1971
19720070796	Optical modulator, avalanche photodiode, and Selfoc	1971
19720070797	Development of improved metal matrix fabrication techniques for aircraft structures	1971
19720070798	Manufacturing methods for the production of disc shapes by contour rolling	1971
19720070799	Role of the blackening curve in spectrum analysis	1971
19720070800	Metallic reinforcement materials and metal fiber composites	1971
19720070802	Computer signal processing study	1971
19720070803	Light intratheater transport studies: A canonical profile method of determining sortie block time for tactical airlift aircraft	1971
19720070804	Stabilization and filtering of a TV tracking system for airborne angle-angular rate sensing	1971
19720070809	Development of an integrated computer program for stress analysis of axisymmetric double tubesheet heat exchangers subjected to axisymmetric or non-symmetric thermal and mechanical loadings	1971
19720070810	The ASW classification problem in a multicontact environment: A queuing approach	1971
19720070811	Remote power controller, dc. Functional tests: Westinghouse Electric Corporation and Leach Corporation	1971
19720070812	Production engineering measure for solid encapsulated semiconductor devices	1971
19720070813	Mark 2 personnel transfer capsule environmental conditioning system evaluation	1971
19720070814	A technique for determining the modes of response of a beam using quasi-stationary random forcing function inputs	1971
19720070817	Seek flex preliminary design study tradeoff analysis report	1971
19720070818	A two dimensional theory for the flush mounted electrostatic probe	1971
19720070819	Project 700D	1971
19720070820	Problem program evaluator, PPE	1971
19720070821	Low voltage threshold MOST	1971
19720070822	Bipolar integrated circuits with improved radiation resistance	1971
19720070823	Interchangeability and substitutibility criteria for blind rivets	1971
19720070824	Analysis of a second stage turbine blade failure in a T400 engine	1971
19720070825	Feasibility of employing plastic foam propellant containers in navy bag guns	1971
19720070826	Monthly bulletin. Canadian upper air data, June 1971	1971
19720070827	Monolithic catalyst beds for hydrazine reactors (U)	1971
19720070828	Naval technical evaluation of XBQM-34E target (U)	1971
19720070833	Development and test of a highly energetic AIH3 difluoramino propellant (U)	1971
19720070839	Diminution of active-sonar useful range effected by the noise background (U)	1971
19720070842	Technical description and operation of analyzer, electrical pulse FR-185 XAN-3/u pedcog (U)	1971
19720070847	Sound-speed profile types, north Pacific Ocean (NORPAC expedition data) (U)	1971
19720070851	Clutter reduction radar: target and clutter characteristics, volume 1, part 2 (U)	1971
19720070855	Clutter reduction radar: Target and clutter characteristics, part 2, volume 2 (U)	1971
19720070858	A comparison of actual and predicted detection ranges of helicopters (U)	1971
19720070860	Investigation of a highly loaded two-stage fan-drive turbine, Volume 6 (U)	1971
19720070866	Forward looking infrared (FLIR) target acquisition and fire control system in the mine detection role (U)	1971
19720070867	Autopilot analysis of a modified hornet missile utilizing a proportional optically coupled, inertially stabilized laser seeker (U)	1971
19720070870	Modeling studies of the liquid propellant guns (U)	1971
19720070873	Feasibility study for a walleye infrared seeker (U)	1971
19720070879	Space electric power research and development program (U)	1971
19720070880	DC antitank: The development of propulsion systems concepts (U)	1971
19720070883	Fluidic Environmental Sensor (FES) for DENEYE (U)	1971
19720070886	Normal-incidence acoustic bottom loss results: Faso 3 cruise (U)	1971
19720070888	On the distributional properties of the AMTOC field test visual detection data (U)	1971
19720070893	Ambient noise measurements in the Caribbean Sea (U)	1971
19720070932	Performance evaluation of the centrifugally operated fin roll control system (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070936	Journal of defense research. Series B: Tactical warfare, Volume 3B, no. 3, Fall 1971 (U)	1971
19720070966	Sensor head/classifier (U)	1971
19720070970	Minuteman flight test report. FTM 1339 Glory Trip 97B (8 October 1971) LGM-30B operational test phase 2 program, launch no. 92, WS-133A (U)	1971
19720071002	Spectrophotometric kinetic study of reactions induced by light photolysis of ozone in the presence of various gases	1971
19720071003	The production of fundamental laser modes	1971
19720071004	Chemical analysis of adsorbates from breathing canisters from Apollo 15 spacecraft	1971
19720071005	Aerodynamic characteristics of a space shuttle launch configuration consisting of a delta wing orbiter with external hydrogen tanks and a straight wing booster (M equals 0.6 to 2.0)	1971
19720071006	Aerodynamic heating of a space shuttle straight wing booster at Mach number 7.4	1971
19720071007	Aerodynamic heating of a space shuttle straight-wing orbiter	1971
19720071008	Solid state power controllers, phase two report	1971
19720071009	Aerodynamic characteristics of two delta wing space shuttle orbiters with and with-out external hydrogen tanks (M equals 0.3 to 2.0)	1971
19720071010	Western Research Application Center	1971
19720071011	Applications of NASA science and technology in environmental sciences	1971
19720071012	Radial velocity catalogue, revision	1971
19720071013	Space shuttle Attitude Control System (ACS) thruster penetration heating	1971
19720071014	Automated Microbial Metabolism Laboratory	1971
19720071015	Semiannual Status Report, period ending 31 October 1971	1971
19720071016	Multiband camera film viewer	1971
19720071017	Noncontacting device to indicate deflection of turbopump internal rotating parts	1971
19720071019	High temperature insulation materials for reradiative thermal protection systems	1971
19720071020	Semiannual Status Report	1971
19720071021	Solid state studies in ceramic alloys	1971
19720071023	Progress report, 1 January - 31 December 1971	1971
19720071024	Study to develop techniques for a self-organizing computer	1971
19720071025	University of Hawaii, semiannual status report, 1 July - 31 December 1971	1971
19720071027	Self evacuating multilayer insulation for space shuttle vehicles	1971
19720071029	Measurements of resonance raman cross-section	1971
19720071034	Study of damage control systems for space station and preliminary design of a space station simulator, Volume 1	1971
19720071035	Study of damage control systems for space station and preliminary design of a space station simulator, Volume 2	1971
19720071036	Services provided in support of the planetary quarantine requirement	1971
19720071037	Semiannual report of research	1971
19720071039	Studies related to the surfaces of the moon and planets	1971
19720071040	Letter progress report, 1 October - 1 November 1971	1971
19720071044	Lubricant testing program	1971
19720071048	Apollo/Saturn 5 post launch access and inspection plan launch complex 39A and B, AS-511 and subsequent missions	1971
19720071049	Annual ADP planning document	1971
19720071050	Effect of environment on insulation materials	1971
19720071053	Manned space flight network testing study. Volume 1: Summary of results	1971
19720071054	Manned space flight network testing study. Volume 2: Testing techniques	1971
19720071059	Extension to NAP-3	1971
19720071060	Experimental system, and its evaluation for the control of surgically induced infections	1971
19720071061	Topics in structural dynamics	1971
19720071063	Skylab baseline operations plan	1971
19720071064	Calibration procedure for Teledyne Model 6010 Portable Toxic Vapor Detector	1971
19720071066	Static and dynamic bucking of shallow arches	1971
19720071067	Vacuum-jacketed ducting technology investigation	1971
19720071068	Development of a manufacturing process for large-diameter composite monofilaments by pyrolysis of resin-impregnated carbon-fiber bundles	1971
19720071071	A study of selected radiation and propagation problems related to antennas and probes in magneto-ionic media	1971
19720071074	Apollo 16 space vehicle data evaluation guide	1971
19720071075	Theoretical and experimental studies in ultraviolet solar physics	1971
19720071082	Operation and maintenance manual: data transmitter display	1971
19720071085	Characteristics of a gelled liquid hydrogen polyphenylene oxide (PPO) foam open cell insulation system	1971
19720071087	Suppression of combustion oscillations with mechanical damping devices	1971
19720071088	Pioneer-Centaur 3600 requirements document	1971
19720071090	One-electron tunneling through thin oxides	1971
19720071092	Supplementary evaluation of the radio frequency amplifier AM-6281(XN-1)/UPX (TARP)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071094	The role of anions in mechanical failure	1971
19720071095	SV Overall Test no. 1 (plugs in)	1971
19720071097	Operation and maintenance manual: Timing and control subsystem	1971
19720071098	In-place calibration procedure oxygen systems components test stand	1971
19720071099	Facility measuring and hazards monitoring support of RP-1 loading tests	1971
19720071100	Calibration and operating procedures: Hazards monitoring system Cryo 2 building	1971
19720071101	Apollo/Saturn 5 LC-39 launch operations instructions (Apollo 16 and subsequent missions)	1971
19720071102	Facility measuring and hazards monitoring support of space vehicle transfer operations to pad	1971
19720071103	Functional checks of flow transducer systems	1971
19720071104	Preventive maintenance program for Measurements Laboratories Branch	1971
19720071105	Functional checks of RPM transducer systems	1971
19720071106	Cycle testing of graphite filament-wound pressure vessels	1971
19720071109	Launch Complex	1971
19720071110	Definition and implementation of space biomedical experiments	1971
19720071112	Static test firing of Minuteman third stage operational motor SIN 0032028 LGM-30B operational service life program	1971
19720071113	Low loss four-port circulators for parametric amplifiers	1971
19720071114	A CO2 laser bibliography, 1970	1971
19720071121	Shuttle APS propellant thermal conditioner study	1971
19720071122	Study of semiconductor heterojunctions of ZnSe, GaAs and Ge	1971
19720071124	Solid state high resolution multi-spectral imager	1971
19720071126	Operation DIAL pack, 1970: Canadian project A7, thermal radiation measurements	1971
19720071130	A bidirectional, flush-mounted, electromagnetic ship's speed sensor, phase 1	1971
19720071132	Report on the operations of the environmental Data Collection and Processing Facility (EDCPF)	1971
19720071133	Manufacturing method and technology measure for single side-band quartz crystal unit CR-(XM-74)/U	1971
19720071134	Stability analysis of certain 40mm, spin-stabilized, subsonic projectiles	1971
19720071138	Analytical studies of projectile design and performance	1971
19720071142	Bibliography of in-house and contract reports, supplement 1	1971
19720071143	Reinforced carbon-carbon composites for advanced reentry vehicle applications	1971
19720071144	Fabrication process for oxidation resistant diboride materials	1971
19720071145	Ram air sensor study program	1971
19720071147	Test stand, total sensor 31TL2866-1	1971
19720071148	New directions for military planes (7)	1971
19720071149	A-7D category 2 follow on test summary	1971
19720071150	Steam ingestion tests of a Pratt and Whitney Aircraft TF30-P-8 turbofan engine	1971
19720071151	Evaluation of a transmitting boundary for a two-dimensional wave propagation computer code	1971
19720071152	Rain-erosion behavior of graphite-and boron-fiber-reinforced epoxy composite materials	1971
19720071153	Simulated altitude performance of mark 11 reentry vehicle spin and pitch motors having ages from 37 to 102 months	1971
19720071154	Composition and concentration measurements of atmospheric pollutants by remote probing (LIDAR)	1971
19720071155	Aerodynamic forces of oscillating external loads	1971
19720071156	Test stand, static sensor 31 TL2865-1	1971
19720071157	Photomultiplier tube for efficient infrared detectors	1971
19720071158	Comparison of the surrounding temperature field around the VJ 101 C-X2 with 1:10 scale model investigations for exhaust temperatures up to 1000 C for V/STOL conditions	1971
19720071159	Production engineering measure for hybrid quartz filters, 10 MHz to 30 MHz	1971
19720071160	Dragon tracker eye protection filters	1971
19720071161	Static test firing of Minutemen third stage operational motor S/N 6032966 LGM-30 operational service life program	1971
19720071162	Static test firing of Minuteman third stage wing 6 R and D motor S/N 127A-6-5-2 LGM-30B operational service life program	1971
19720071163	Development of five EMP generators	1971
19720071168	Initial production test of telegraph-telephone terminal AN/TCC-29()	1971
19720071169	Acoustic radiation simulation for the ULMS submarine, analytical details	1971
19720071170	Illumination equipment for electromagnetic radiation hazard research	1971
19720071172	Time delay relay	1971
19720071173	Cryogenic research and development	1971
19720071178	Thin film resistor networks	1971
19720071180	Production engineering measure for improved reliability of mica transmitter capacitors	1971
19720071181	Production engineering measure for high reliability aluminum electrolytic capacitors	1971
19720071182	Atomic emission spectroscopy	1971
19720071183	Production engineering measure for improved cathode mix for electron tubes	1971
19720071184	Production engineering of Nd:YAG laser rods for laser illuminator transmitters	1971
19720071185	Check test, secure mode operation of troposcatter radio terminals AN/TRC-112 and AN-TRC-121	1971
19720071186	Effect of spin on the aerodynamics of the 20mm projectile	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071187	Handbook of electrical and electronic circuit-interrupting and protective devices for deep ocean applications	1971
19720071188	Chemical laser mode control program	1971
19720071189	optimum strategy for the correction of orbit injection errors of arbitrary orientation	1971
19720071191	Study of Barkhausen noise in a nonuniform field	1971
19720071193	One dimensional transient temperature and stress distributions produced in 0.125- and 0.250-inch thick 7075AL-T6 flat plates by fourteen nuclear thermal environments	1971
19720071194	Large military aircraft accident statistics and analysis	1971
19720071195	High Altitude Supersonic Target (HAST): Phase 1	1971
19720071196	Development of the flight controller FRG 33 a touch-down controller for VTOL aircraft (altitude controller)	1971
19720071198	Sensors for slow velocity indication	1971
19720071199	Technical evaluation of a feasibility model solid-state facsimile scanner	1971
19720071200	A study of light sources for underwater use	1971
19720071203	Development and application of computer programs related to hypervelocity impact	1971
19720071206	Digital encoding and processing of analog information for space applications	1971
19720071207	Complexity problems and formal language theory	1971
19720071208	Infrared spectra of molecules and materials of astrophysical interest	1971
19720071212	Observations of chemical releases from high flying aircraft	1971
19720071213	Status Report, 1 May - 30 November 1971	1971
19720071216	Development of solar wind shock models with tensor plasma pressure for data analysis	1971
19720071219	NT-50/20HB laser system	1971
19720071220	Hydrostatic extrusion of titanium-alloy hydraulic tubing	1971
19720071221	Evaluation of Norelco model SR-103A television monitored image intensifier and pulsed X-ray system	1971
19720071222	Continuously reinforced concrete pavement. The state of the art	1971
19720071223	Neuropsychological acclimatization to high altitude	1971
19720071225	High resolution millimeter wave radar	1971
19720071226	Project Sanguine telephone interference program	1971
19720071227	Water-entry technology - a review	1971
19720071228	A general purpose data structure - Ringer	1971
19720071229	Check-out of a one-degree-of-freedom gas bearing using the STA 10 deg cone at Mach numbers 4.93 and 7.33	1971
19720071230	Optimal space communications techniques	1971
19720071231	Solar cell radiation damage experiment	1971
19720071232	The mechanisms of fatigue. Part 1: The effect of grain size on fatigue (preliminary results)	1971
19720071233	Multiple wheel heavy gear load pavement tests. Volume 2: Design, Construction, and behaviour under traffic	1971
19720071234	Apair mod 2.6 ASW program air engagement model. Volume 1: Users manual	1971
19720071236	Infrared detector mosaic development	1971
19720071237	Development of a material model for the Rocktest 2 experiment	1971
19720071241	A study of the structure of jet turbulence producing jet noise	1971
19720071242	Studies of reaction geometry in oxidation and reduction of the alkaline silver electrode	1971
19720071243	Qualification test report for Boeing Company on Leach time delay relay TD 1191-0	1971
19720071244	Field test report on test increment 430 NS-20A2 launch complex integration	1971
19720071245	The origin of the defects of brake drum friction surface	1971
19720071246	Solution to a large system of linear equations through the method of elimination of blocks of unknowns	1971
19720071247	Production quality assurance testing of a Minuteman 3 LGM-30G stage 2 rocket motor at simulated pressure altitude motor S/N PQA6-52	1971
19720071248	Static test firing of Minuteman third stage operational motor S/N 0031043 LGM-30 surveillance program	1971
19720071249	System design modifications to incorporate dust modeling capability into the ABM-1 model	1971
19720071250	Imaging display panel	1971
19720071251	Test report of signal, underwater sound Mk 59 Mod 5 search and rescue device service approval tests	1971
19720071252	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1971
19720071253	Diffusion bonded titanium alloy hollow fan disk	1971
19720071254	Sonar computer program index	1971
19720071256	Explosive train technology for electronic fuzes	1971
19720071257	Monthly record. Meteorological observations in Canada, May 1971	1971
19720071258	SAMECS structural analysis system: Users document	1971
19720071259	Undersea data link, phase 1	1971
19720071260	Analysis of tactical voice security transmission over VHF-FM	1971
19720071261	RMP-B vacuum ultraviolet spectral measurements: POCO instrument calibration report	1971
19720071262	Advanced development model high frequency interferometer single site location system	1971
19720071263	Routing overhaul and maintenance instructions for the DREO Van de Graaff accelerator	1971
19720071264	A solid state radiacmeter	1971
19720071265	A fast-neutron spectrometer	1971
19720071266	Recorder-amplifier for the AN/FDR-502 radiac set, remote monitor and alarm	1971
19720071267	Canadian upper air data monthly bulletin, April 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071268	Design considerations for and description of the STC experimental troposcatter link using digital transmissions	1971
19720071269	Gulf of St. Lawrence. Two surveys: 18 Jun. - 30 Jun. 1968, 16 Jun. - 1 Jul. 1968	1971
19720071270	Method for transforming satellite look angles from one ground terminal to another	1971
19720071271	Natural convection from a submerged tube bundle, part 1	1971
19720071272	Formation of epoxides and carboxyl	1971
19720071274	A direct-reading meter for the WBGT index	1971
19720071275	Development of inorganic composite antenna windows	1971
19720071276	Production engineering measure for mechanized production and test equipment for ceramic chip capacitors	1971
19720071277	A retrieval strategy for large, multi-key files requiring frequent up dating	1971
19720071278	GCA station evaluation, Zaragoza Air Base, Spain, 26-28 October 1971	1971
19720071279	Quarterly progress report, 1 April 30 June 1971	1971
19720071280	Multiple-wheel heavy gear load pavement tests. Volume 1: Basic report	1971
19720071281	Hypervelocity air defense simulation, volume 1	1971
19720071282	Hypervelocity air defense simulation, volume 2	1971
19720071283	Production engineering measure on grating transistors	1971
19720071284	Analysis of the F4B/F4J slotted stabilator interaction with the Mk7 arresting system based on aircraft operations on the CVA-59 and CVA-42 carriers	1971
19720071285	Advanced production engineering for lithium viobate crystals for laser Q-switch	1971
19720071286	Analytical aerotriangulation with panoramic photography	1971
19720071287	Study of kynol fibers for Navy protective clothing	1971
19720071288	Master group multiplexer	1971
19720071289	Certification tests for the MK 7 jet blast deflector	1971
19720071290	Power supply PP-6183()/U	1971
19720071291	Survivable satellite data subsystem. Volume 1: Subsystem design	1971
19720071292	Intra-vehicle electromagnetic compatibility analysis. Part 2: Computer program validation tests	1971
19720071293	Applied optics research	1971
19720071294	MPU-3/P gas mask	1971
19720071295	Static test firing of Minuteman stage 2 motor S/N 0021073 LGM-30 shelf service life program	1971
19720071296	Modern method for production of high quality black heart malleable cast iron	1971
19720071297	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors	1971
19720071298	Design of integral sensor test system	1971
19720071299	Special tests on a 15 hz Tacan system	1971
19720071300	Exploratory development program	1971
19720071302	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors	1971
19720071303	The measurement of frequency separations in high resolution nuclear magnetic resonance spectra using a double-lock spectrometer	1971
19720071304	Standby sight for head-up tubes, VX9280. 15-Beam line matricon, VX9287. 16 inch rear projection CRT, VX9296. Glass monocon version of VX3396, VX10002. Multicon light source, VX10003	1971
19720071305	Nonlinear mechanical response of real materials. 8: Elastic-plastic behaviour and the yield stress	1971
19720071306	Life performance and stability of low noise travelling wave tubes	1971
19720071307	A study of metal contracts to silicon	1971
19720071308	RF burnout of silicon Schottky barrier microwave mixer diodes	1971
19720071309	A silicon avalanche photodiode. A fast photomultiplier. A low light level rugged camera tube	1971
19720071310	Amorphous silicon vidicon targets	1971
19720071311	Feasibility study of a sensitive ultrasonic image converter	1971
19720071312	The effect of a sonic jet on the drag of boat-tailed afterbodies at free stream Mach number 0.9 and 2.0	1971
19720071313	Exfoliation corrosion of Al-Zn-Mg alloys	1971
19720071314	A note on the performance of the AN/CPN-4 radar at 1 Wing Europe	1971
19720071315	The fabrication and processing of valves using the glow discharge electron beam technique	1971
19720071316	Electron beam fast wave interaction	1971
19720071317	Investigating the design and technology of a microwave silicon FET	1971
19720071318	Investigating the causes of noise in field effect transistors	1971
19720071319	The evaporation of deposited drops of volatile liquid, Part 1: Historical review and general survey	1971
19720071320	The evaporation of deposited drops of volatile liquid. Part 2: Isolated drops evaporating into still air with a note on the effect of an impressed air stream on the rate	1971
19720071321	The evaporation of deposited drops of volatile liquid. Part 4: Evaporation from a contamination field consisting of an array of uniformly spaced drops which have spread on the ground, condensation of vapor taking place on the ground	1971
19720071322	The representation of low altitude atmospheric turbulence in piloted ground-based simulators	1971
19720071323	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors	1971
19720071324	Evaluation of the preproduction AN/AQS/13 BITE	1971
19720071325	A climatological forecast for Kauai Rocket Launch Site with emphasis on the Zodiac	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071326	Theoretical lift curve slopes for wings at subsonic speeds	1971
19720071327	A study of test equipment operation calibration and maintenance procedures	1971
19720071328	Large Scale Integrated circuit (LSI) module and higher level packaging study for AADC program	1971
19720071329	Life-cycle test of the rotary retraction engine and associated equipment on the TC13 Mod 1 catapult	1971
19720071330	Initial evaluation of integrated catapult control station and associated catapult equipment for the CVAN68	1971
19720071331	USS Peoria (LST-1183) depth sounder performance evaluation	1971
19720071332	A preliminary investigation for establishing primary structure failure criteria for ABM missiles. Failure criteria for internal components	1971
19720071333	The earth ellipsoid some physical constants associated with it	1971
19720071334	The use of glass in lasers	1971
19720071335	The refining and resolution of gas bubbles in glass	1971
19720071336	Proposal by the French committee member relating to the study of the measurement of pollution in hydraulic fluids	1971
19720071337	Diffusivity of high temperature glasses	1971
19720071341	Engineering test of lightweight underwear of winter flight clothing system	1971
19720071342	A subjective comparison of surface marine environmental observations from ships and the NOMAD N3S buoy, 1968, project SEA SENSE	1971
19720071343	Collision warning system	1971
19720071350	Analytical study of the reverse velocity rotor system, part 1	1971
19720071351	Analytical study of the reverse velocity rotor system, part 2	1971
19720071352	Analytical photogrammetric targeting. Volume 1: An analytical photogrammetric evaluation for combat thunder	1971
19720071353	Analytical photogrammetric targeting. Volume 2: Analytical calibrations of camera set, still picture KS-87A and camera, still picture KC-1B	1971
19720071354	Analytical photogrammetric targeting. Volume 3: Analytical photogrammetric targeting tests using inertial platform and ADAS data	1971
19720071355	Service test of C-5A aircraft (airdrop-materiel)	1971
19720071358	Flying helicopter	1971
19720071359	Microcircuit crystal oscillator	1971
19720071360	Manufacturing methods and processes for high resistivity thin film resistors for radiation hardened integrated circuits	1971
19720071362	Initial production test of base, shock mount, electrical MT-3949A/U and base, shock mount, electrical MT-3951A/U	1971
19720071363	Distress marker light, SDU-31/E	1971
19720071365	Fuze, electronic time: XM587E2/XM724 and fuze setter: XM36E1, design status	1971
19720071366	High-frequency shore-antenna development work	1971
19720071368	Phosphor-coated light-emitting devices	1971
19720071371	Model A-7A/B/E airplane flying qualities data compilation and aft center of gravity stall evaluation	1971
19720071372	Par test data requirements	1971
19720071373	On the stability of free boundary layers	1971
19720071374	Initial production test of Ballistic Aerial Target System (BATS)	1971
19720071375	Compatibility test of the LAU-68/A rocket launcher on the UH-1N helicopter (Seek Eagle)	1971
19720071376	Aerodynamic compatibility of the advanced tactical rocket launcher on the F-4 aircraft	1971
19720071377	Weapon delivery evaluation of an F-4C aircraft with a high gain adaptive control augmentation system	1971
19720071378	Rotary shaft seal selection handbook for pressure equalized, deep ocean equipment	1971
19720071379	Barnett's Algorithm Replacing TRACS-European Runs (BARTER)	1971
19720071381	Task Group on Defense in-house laboratories. Annex A: The military departments' plans of action	1971
19720071382	Task Group on Defense in-house laboratories. Annex B: Role of in-house DOD laboratories	1971
19720071384	Erosive effects of combustion gases on metallic combustion chambers	1971
19720071385	Advanced radar flight test analysis. Design, calibration, and operation of a dual PCM reformatter for MGE/ATR flight test data	1971
19720071386	The pluton weapon system	1971
19720071387	Test and evaluation of the RCA C-21117B integral silicon intensifier camera tube	1971
19720071388	Evaluation of a PRI display modified for direct viewing in daylight operations	1971
19720071390	Investigation of electrostatic hazards to air launched weapons shipped in new production cradles during vertical replenishment	1971
19720071392	Production engineering measure for a broadband, 225-400 MHz, 25W power transistor	1971
19720071393	Production engineering measure for field effect, metal-oxide, semiconductor cascode, 100 MHz	1971
19720071395	Lightning protection improvements and precipitation static noise quieting investigation on the P-3 aircraft	1971
19720071398	Vibration-vibration energy transfer from vibrationally excited CO molecules	1971
19720071399	Multimegawatt nanosecond pulses	1971
19720071400	Production engineering measure for low radiant power infrared sources	1971
19720071401	Methodology investigation of gamma dose rate testing techniques	1971
19720071402	Laser application in manufacturing	1971
19720071403	On the boundaries of oceans and their adjacent seas	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071404	Development of high-capacity blast valve for hardened Naval shore facilities	1971
19720071405	Markov decision procedures associated with the destruction of targets with multiple components	1971
19720071407	Production engineering measure solid encapsulated semiconductor devices	1971
19720071408	A laser for boring and welding	1971
19720071409	Applications of discrete devices to panel display	1971
19720071411	Production engineering measure: High power xenon lamps	1971
19720071413	Prediction of store-separation motion using initial captive loads	1971
19720071414	Joint AFCS/TAC test of the AN/TRN-26	1971
19720071415	Operation and maintenance manual MK 34 seaborne powered target	1971
19720071416	Landing Force Integrated Communications System (LFICS) study. Executive summary	1971
19720071418	Production of complex sections with convex draw dies	1971
19720071422	Compatibility test of the AN-M47A4 smoke bomb on the OV-10A aircraft (SEEK EAGLE)	1971
19720071423	TF34-GE-2 engine qualification. Low pressure turbine rotor overspeed test	1971
19720071424	The linear motor: Intermediate method for the analysis of a linear induction motor	1971
19720071425	Test and evaluation of Azimuth and elevation direction finder system	1971
19720071429	Radiation testing of hardened electronic components	1971
19720071430	Test and evaluation of organizational and intermediate Ground Support Equipment (GSE) for model T400-CP-400 engines	1971
19720071431	Fit and function of the engine hot air leak detector	1971
19720071432	Analytical mathematical models of tactical military communications channels	1971
19720071435	Switch encoding verification and system tests, overseas Autovon, cutover 3	1971
19720071436	Elementary concepts and applications of matrix algebra	1971
19720071437	Health physics aspects of tritium work at Sandia Laboratories	1971
19720071438	Manager's implementation guide to MIL-HDBK-226 (June 1968), design disclosure for systems and equipment	1971
19720071441	High energy astronomy observatory attitude control data processing support estimate	1971
19720071442	Design, process development, manufacture, test and evaluation of boron-aluminum for space shuttle components	1971
19720071446	A mathematical model for predicting vapour dosages on and downwind of contaminated areas of grassland	1971
19720071447	Ballistic evaluation of materials for Armour penetrators	1971
19720071448	Trial report of the 1000 lb. trials series carried out during 1965, field experiment no. 561	1971
19720071449	Carbon-based oxygen electrodes for metal-air batteries. 2: Operation in bicells with magnesium or zinc anodes	1971
19720071450	Remote detection of fallout by air fluorescence	1971
19720071451	Operation Euroka: Supplementary papers	1971
19720071453	A GaAsP display system	1971
19720071454	CVD development projects	1971
19720071455	Development of J-band noise standard VX9276. Development of solid state noise generator VX24000	1971
19720071456	Gas discharge matrix display D. C. system	1971
19720071457	Preparation and investigation of phosphors suitable for use in solid state light emitting devices	1971
19720071458	Development projects	1971
19720071459	Low work function dispenser cathodes	1971
19720071460	Production engineering measure for precision resistor ladder network (film type)	1971
19720071461	Astronomical position, time, and azimuth determinations with the Kern DKM 3-A	1971
19720071462	Doppler aided strapdown inertial flight test program, 1971	1971
19720071463	Human factors problems associated with operation and maintenance of surface effect vehicles in the Arctic environment	1971
19720071464	New heat-resistant plastics	1971
19720071465	Engineering evaluation of Westinghouse P/N AVI-753, 750VA, 3/1 phase, static inverter	1971
19720071467	Contrast enhancement through polarization techniques	1971
19720071471	Low cost, limited life turbine engine analysis	1971
19720071472	F-111E category 2 firepower control and armament subsystem test, addendum	1971
19720071474	Transmission of water vapor through sealants. 2: Commercial polysulfides	1971
19720071475	Chemical blackening of copper and brass	1971
19720071476	ADTC technical facilities. Volume 2: Land test areas	1971
19720071477	Landing Force Integrated Communications System (LFICS) study. Volume 1: Study overview	1971
19720071478	Landing Force Integrated Communications System (LFICS). Volume 2: Supplement	1971
19720071479	Landing Force Integrated Communications System (LFICS) study. Volume 3: LFICS communications requirement	1971
19720071480	Landing Force Integrated Communications System (LFICS) study. Volume 3: LFICS communications requirements, appendices F, G, and H	1971
19720071481	Landing Force Integrated Communications System (LFICS) study. Volume 4: Assessment of systems and C-E equipments	1971
19720071482	Landing Force Integrated Communications System (LFICS) study. Volume 5: System synthesis, analysis and evaluation	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071483	Landing Force Integrated Communications System (LFICS) study. Volume 6: Concept recommendations	1971
19720071484	Landing Force Integrated Communications System (LFICS) study. Volume 7: Communications equipment implementation plan	1971
19720071485	Landing Force Integrated Communications System (LFICS) study. Volume 8: Computer simulation modeling	1971
19720071486	Production engineering measure for improvement of techniques to increase the reliability for ceramic isolation capacitors for integrated circuits	1971
19720071487	Manufacturing methods and technology measure for standard battery cases	1971
19720071489	Multiple-wheel heavy gear load pavement tests. Volume 3, part A: Presentation and initial analysis of stress-strain deflection and vibratory measurements: Instrumentation	1971
19720071490	Multiple-wheel heavy gear load pavement tests. Volume 3, part B: Presentation and initial analysis of stress-strain deflection and vibratory measurements: Data and analysis	1971
19720071491	Multiple-wheel heavy gear load pavement tests. Volume 4: Analysis of behavior under traffic	1971
19720071492	Exploratory development of a high-frequency single and double integrating fluidic computer. Volume 1: Exploratory development of a fluidic digital accelerometer	1971
19720071493	Secure data base study (Tasks 2 and 3) problem definition document, volume 6	1971
19720071494	A real-time/time-share computer in a research development environment	1971
19720071495	One-step piecewise polynomial Galerkin methods for initial value problems	1971
19720071496	Qualification test of magnetic circuit breakers	1971
19720071497	Protective coatings for EMP/EMI bonds	1971
19720071498	Low energy sputtering	1971
19720071499	Exploratory development of large area avalanche solid state detectors for nuclear and infrared radiation	1971
19720071500	National Telecommunications Accountability System (NATAS): Command manual	1971
19720071501	Communication theory	1971
19720071502	Qualification test report of multipole double-throw relays	1971
19720071503	Experiments with solid-solid reactions	1971
19720071505	Test and evaluation of organizational and intermediate Ground Support Equipment (GSE) for EA-6B airplane, associated systems and equipment	1971
19720071506	Computer-assisted scanning techniques, engineering change A, addendum	1971
19720071507	Developmental and demonstration testing of the A-7A aircraft having the TF30-P-408 engine installed	1971
19720071509	Production engineering measure for moderate power laser arrays	1971
19720071511	Future data processing requirements of tactical air forces in the 1980's	1971
19720071512	TACAMO 3 communications system and relay complex, SIMPO improvement	1971
19720071515	A FORTRAN program for designing an impedance-matching iris in a rectangular waveguide	1971
19720071518	A-4/J65-W-16A vibration investigation	1971
19720071519	How to calculate the diameter of a cross parachute for a burning flare	1971
19720071521	Rubber-fibrous materials composites	1971
19720071522	Performance evaluation of the AH-1J helicopter with T400 growth engines	1971
19720071523	Impulse evaluation of annealed 3A1-2 1/2V titanium tubing for the F-14 aircraft	1971
19720071526	A review of the use of automatic data processing equipment in hospitals	1971
19720071529	Annual reports on DCVD development projects	1971
19720071530	Quality assurance test of primer, M6A power plant P/N 253095, AIM-4F/G missiles	1971
19720071533	Supplementary ballistic data test of the CBU-70/B	1971
19720071535	Sensitive thick film IF amplifier and discriminator	1971
19720071536	Infrared target source	1971
19720071537	Production qualification failures of Sylvania BDH modules	1971
19720071538	Status of production qualification testing	1971
19720071539	Engineering evaluation of Sylvania MDM modules	1971
19720071540	Status of Mk 88 (POSEIDON) digital module testing	1971
19720071541	Status of Mk 88 (POSEIDON) digital module testing	1971
19720071542	Status of Mk 88 (POSEIDON) module testing	1971
19720071544	Large scale stochastic programming models: A case study in decision making	1971
19720071545	UNIVAC 1050 Program Assembly Language (PAL) to COBOL translation	1971
19720071546	An analysis of command TCTO backlog control programs	1971
19720071547	An approach for the determination of desired display characteristics for man-machine decision systems	1971
19720071548	A critical review of depot maintenance overhaul costs for aircraft engines	1971
19720071549	Development of spacecraft Vuilleumier cryogenic refrigerators. Part 1: Thermodynamic design and study of life-limiting components	1971
19720071550	Qualification test of polystyrene capacitors to NAVWEPS drawing 2316571	1971
19720071572	Navy aircraft resources utilization study, phase 2, NARUS 2 (U)	1971
19720071574	Omnidirectional mortar-locating radar set AN/TPO-28, Volume 1 (U)	1971
19720071575	Omnidirectional mortar-locating radar set AN/TPO-28, Volume 2 (U)	1971
19720071576	Omnidirectional mortar-locating radar set AN/TPO-28, Volume 3 (U)	1971
19720071577	Omnidirectional mortar-locating radar set AN/TPO-28. Volume 4: Appendices (U)	1971
19720071584	Improved AH-1J cobra wing stores armament system (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071586	Artillery locating radar environment and target simulation studies (U)	1971
19720071605	Bistatic towed array (BTA) experiment (U)	1971
19720071607	Low gravity orientation of cryogenic propellants (U)	1971
19720071613	Stability and control characteristics of an ASD drone model (U)	1971
19720071614	AH3 propellant sensitivity (U)	1971
19720071618	DENAVS: Detector/navigation system (U)	1971
19720071624	High range resolution monopulse instrumentation radar and R and D program	1971
19720071626	Development of a data acquisition system for EMV testing (U)	1971
19720071627	Rocket motor Mark 12 Mod 0 (Terrier booster) type life program (U)	1971
19720071628	Final Report, 25 April 1966 - 15 December 1971 (U)	1971
19720071629	Some considerations in the tactical employment of active sonobuoys (U)	1971
19720071633	Landing zone detection (U)	1971
19720071635	Investigation of lithocon storage tube for LOFAR display (U)	1971
19720071638	Production engineering measure for PbSe photodetector array (U)	1971
19720071639	Production engineering measure for 18mm fiber optic inverter plate (U)	1971
19720071640	Low-altitude-cruise missile penetration of SAM sites (U)	1971
19720071641	Conduct an operational appraisal of the AN/SQS-38 sonar system (U)	1971
19720071647	Manufacturing methods and technology measure for 18 mm gateable microchannel plates (U)	1971
19720071650	Automatic detection and tracking using Doppler information (U)	1971
19720071651	Model exercise correlation for Fixwex echo 69 (U)	1971
19720071652	Production engineering measure for 18 mm microchannel wafer image intensifier tube (U)	1971
19720071658	Ternary diagrams of theoretical performance data on solid rocket propellant systems (U)	1971
19720071661	Modified ammonium perchlorate incorporating potassium, permanganate and dichromate dopants (U)	1971
19720071669	RADC modified AN/AAS-18A (U)	1971
19720071670	Service test of laser rangefinder for Sheridan weapon system, M551, phase 1 (U)	1971
19720071672	Production missile testing of AIM-7E-2 lots 25, 26, 27 and 28, contract N00019-69-C-0358 (U)	1971
19720071673	Evaluation test results of electric detonator Mk 57 and Mod 2 and arming device Mk 2 Mod 4 (U)	1971
19720071680	Engineering development of the dual Doppler gate fuzing system for Sparrow 3 AIM-7E (U)	1971
19720071686	Production engineering measure for 25 mm microchannel plate (U)	1971
19720071687	Test results of modified ARA-50 (U)	1971
19720071688	Low-frequency propagation loss experiment in the Mediterranean Sea (U)	1971
19720071689	Improved binders for propellant application (U)	1971
19720071690	Thermally unstable polymers (U)	1971
19720071694	Investigation/evaluation of binoculars, electronic, SU-so ()/U as a crew aid in flying helicopters (U)	1971
19720071697	Development of a silicon diode array remote view tube (U)	1971
19720071702	Mutual interference in the AN/SQS-26 CX as a result of AN/SQS-26 LF transmissions (U)	1971
19720071706	Hardening and band change of airborne metra system, volume 2 (U)	1971
19720071708	Hydrocarbon-fueled scramjet. Volume 10: Wall divergence investigation (U)	1971
19720071711	Remote sensor data communications link study report, volume 1, part 1 (U)	1971
19720071712	Remote sensor data communications link study report, volume 2 (U)	1971
19720071715	Wind tunnel/flight test correlation program (RA-5C flight test results), volume 1 (U)	1971
19720071716	Wind tunnel/flight test correlation program (RA-5C flight test results), volume 2 (U)	1971
19720071717	Wind tunnel/flight test correlation program (RA-5C flight test results), volume 3 (U)	1971
19720071718	Clutter reduction radar: Target and clutter characteristics. Part 2, volume 3: Data from 12 and 13 November 1968 (U)	1971
19720071719	Clutter reduction radar: Target and clutter characteristics. Part 2, volume 4: Data from 14 November 1968 (U)	1971
19720071720	Clutter reduction radar: Target and clutter characteristics. Part 2, volume 5: Data from 18-22 November 1968 (U)	1971
19720071721	Improved propellants for throttleable solid air-augmented rockets, volume 1, phase 1, 2, and 3 (U)	1971
19720071722	Improved propellants for throttleable solid air-augmented rockets, volume 2, phase 4 (U)	1971
19720071723	Improved propellants for throttleable solid air-augmented rockets, volume 3, phase 5 (U)	1971
19720071724	Improved propellants for throttleable solid air-augmented rockets. Volume 4: Burning rate curves (U)	1971
19720071735	GE12 1500-SHP demonstrator engine design report, volume 1-A (U)	1971
19720071736	GE12 1500-SHP demonstrator engine design report, volume 1-B (U)	1971
19720071737	GE12 1500-SHP demonstrator engine design report, volume 1-C (U)	1971
19720071738	GE12 1500-SHP demonstrator engine design report, volume 1-D (U)	1971
19720071739	GE12 1500-SHP demonstrator engine program report, volume 2-A (U)	1971
19720071740	GE12 1500-SHP demonstrator engine program report, volume 2-B (U)	1971
19720071741	GE12 1500-SHP demonstrator engine program report, volume 2-C (U)	1971
19720071742	GE12 1500-SHP demonstrator engine program report, volume 2-D (U)	1971
19720071743	GE12 1500-SHP demonstrator engine program report, volume 2-E (U)	1971
19720071744	GE12 1500-SHP demonstrator engine program report, volume 2-F (U)	1971
19720071745	GE12/S1A 1500-SHP demonstrator engine model specification and installation manual, volume 3 (U)	1971
19720071769	Conduct an operational evaluation of the P-3C weapons system (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071775	AN/TPQ-27 system test plan (U)	1971
19720071790	Remote sensor data communications link study report, volume 1, part 2 (U)	1971
19720071804	The relative detectability of PN signaling and FH signaling (U)	1971
19720071828	Study for safeguard target selection (U)	1971
19720071879	Diagnostic experiments for ivory coral (U)	1971
19720071910	Research on noise generation from large fan engines	1971
19720071911	Review, study, and evaluation of possible flight experiments relating to materials processing in space	1971
19720071915	Composite lines for space shuttle vehicle	1971
19720071918	A program of high-resolution X-ray astronomy using sounding rockets	1971
19720071921	France: Nuclear, missile, and space developments, no. 299	1971
19720071924	A program for studying the electronic spectra of molecules of astrophysical interest	1971
19720071925	Letter progress report, 1 November - 1 December 1971	1971
19720071926	Performance evaluation capabilities for the design of physical systems	1971
19720071928	The effect of continuous low dose-rate gamma irradiation on cell population kinetics of lymphoid tissue	1971
19720071930	Postdoctoral and senior postdoctoral resident research associateship program	1971
19720071932	Atmospheric motion investigation for vapor trails and radio meteors	1971
19720071933	The viscosity and thermal conductivity coefficients of nine fluids: Preliminary values	1971
19720071934	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude motor PQA-1	1971
19720071935	How far advanced are new energy sources for electrical trucks /ques/	1971
19720071936	Compliant material properties and mass resonance measurement techniques	1971
19720071937	Cycle testing of graphite filament-wound pressure vessels	1971
19720071938	Space vehicle integrated thermal protection/ structural/meteoroid protection system	1971
19720071939	Space shuttle auxiliary propulsion (APS) valves	1971
19720071940	Effect of environment on insulation materials	1971
19720071941	Effect of baffles on combustion instability	1971
19720071942	Investigation of propellant flow control system	1971
19720071943	Bibliography on rotor-bearing stability	1971
19720071952	Advanced techniques for determining long term compatibility of materials with propellants	1971
19720071955	ATS-F solar cosmic ray and trapped particle experiment	1971
19720071957	Stress and critical flaw size analysis of projectiles (5 inch/38 MK 51 MOD O, 5 inch/38 MK 74 MOD O RAP, 5 inch/54 MK 41 MOD O	1971
19720071968	Skylab: Saturn workshop systems handbook	1971
19720071970	Development and product detail specification for camera system, motion picture, KB-25A	1971
19720071971	Error control techniques for troposcatter	1971
19720071972	Antenna study for HF D/F application	1971
19720071973	Use of the mass operation in the technical aircraft operation	1971
19720071976	Project briefs (active projects supplement)	1971
19720071977	Project briefs. (Completed projects supplement 9)	1971
19720071979	Production engineering measure. Solid encapsulated semiconductor devices	1971
19720071980	Microstructure array development	1971
19720071981	System allocation document for 440L transmitter site program	1971
19720071982	Flight compatibility and dispensing tests of the SUU-45/A dispenser	1971
19720071983	Regulator helium pressure, missileborne	1971
19720071984	Regulator helium pressure, missileborne	1971
19720071985	Regulator helium pressure, missileborne	1971
19720071986	Evaluation of type U9349 microelectronic circuits multiplexer manufactured by Philco-Ford Corporation second source for SCN 310101	1971
19720071987	Production engineering for growth of synthetic calcite polarizer material	1971
19720071988	Tactical Imagery Processing Laboratory (TIPL): Preliminary considerations on silver recovery and effluent pollution control	1971
19720071989	Fracture properties of titanium alloy weld metals	1971
19720071990	Transonic wind tunnel tests of a sting mounted base drag research missile	1971
19720071991	On array logic and phase shifter driver	1971
19720071992	Satellite digital data link tests	1971
19720071993	Detection and recognition phenomena associated with the photographic image	1971
19720071994	Reliability data from in-flight spacecraft, 1958-1970	1971
19720071995	EA-6B aircrew automated escape system, operational aeromedical and human factors, maintainability and engineering evaluation and system development monitoring of	1971
19720071996	Production engineering measures for a ferrite solid state limiter protector	1971
19720071997	Hydraulic pump, booster	1971
19720071998	Static test firing of Minuteman third stage wing 2 R and D motor S/N 0032001 LGM-30 operational motor program	1971
19720072000	The Effect of a Thermal-Vacuum Environment on the Electrical Characteristics of Bussmann GLX Fuses	1971
19720072001	Simulated transpiration nose cooling with gas injection on 4-Deg cone at Mach number 8	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072002	TACAMO 4B program engineering report, volume 2	1971
19720072003	A last-collision model of the air-ground interface effect on fast neutron angle distributions	1971
19720072004	Tantalum system evaluation, supplement	1971
19720072005	Maintenance administration space requirements for organizational level activities	1971
19720072006	Laboratory and field study of rubber removal compounds	1971
19720072007	Production engineering measure for S-band 10-20 Watt transistor	1971
19720072008	Development of a 60 to 96 GHz plasma waveguide switch	1971
19720072009	Simulated LM 2500 marine gas turbine dynamics	1971
19720072010	High strength chromium-modified copper-nickel alloys for submarine sea-water piping systems	1971
19720072011	Sockets, dual in-line, Scanbe, supplement	1971
19720072012	Significant properties of epoxy resins as matrices in graphite composites	1971
19720072013	Evaluation of transistor (2N336A)	1971
19720072014	Aeroflex brushless dc torque motors	1971
19720072016	Test plan: Arnold Engineering Development Center dust erosion Program: CCP B2298	1971
19720072017	Evaluation test report bifilar relays	1971
19720072018	Missile exhaust gas ingestion simulation	1971
19720072019	Aging and surveillance testing of an aerogjet Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude motor S/N TMS-6	1971
19720072020	Separation characteristics of the M-117 retarded bomb, finned BLU-1C/B bomb, and SUU-42/A dispenser from the A-7D aircraft at Mach numbers from 0.33 to 0.95	1971
19720072021	Airborne video tape navigational display	1971
19720072022	Evaluation of F-14A detachable connector fitting resurfacing procedure	1971
19720072023	Fatigue evaluation of high strength 300M steel in the presence of notches, using programmed loading	1971
19720072024	Engineering test of tow battery charger and battery	1971
19720072026	The effect of intense acoustic stimulation on short term glycemic regulation in fasting dogs	1971
19720072027	Physiology of respiration of high elevations	1971
19720072028	Static test firing of Minuteman second stage, M56 operational motor S/N 0021016 LGM-30 program	1971
19720072029	Static test firing of Minuteman second stage, M56 operational motor S/N 0021009 LGM-30 program	1971
19720072030	Evaluation of an oil-damped, unbonded strain gage accelerometer for use in a combined nuclear radiation and shock-over-load environment	1971
19720072031	OOAMA static test of minuteman stage 3 motor S/N 003208 (2E3)	1971
19720072032	Photochromic film display advanced development model	1971
19720072033	Operational test and evaluation of the Ku-Ka/MTI/HAT in the F-111 APQ-113/ APQ-110 radars	1971
19720072034	Production engineering measure multistage solid-state power amplifiers	1971
19720072035	A stability analysis of the XR-1B testcraft with ram and flush waterjet inlets	1971
19720072037	SID controller program: A CDC 160A computer program	1971
19720072038	Filament winding system Macros APT programs for 1108 computer	1971
19720072039	Failure analysis of Leland CSV1152-2 dc voltage regulators	1971
19720072040	Analysis of data from orbiting flight tests of EC-130G aircraft and Long Trailing Wire Antenna (LTWA)	1971
19720072041	Test of F-4 airplane hydraulic system contamination control methods	1971
19720072043	Production engineering measure for moderate power laser arrays	1971
19720072046	Conformance testing of Pro-Seal 796-80 urethane potting	1971
19720072048	Quality assurance briefs	1971
19720072049	Altitude chamber air lock hoses, LOX impact and flammability tests	1971
19720072051	Evaluation of Gamah seal, LM-10 ECS GO2 system Gamah Corporation H4-07118	1971
19720072052	Three bottles of Octagon Process, incorporated leak test compound. type 2, lot no. C1821	1971
19720072054	Quarterly Report, September 1971	1971
19720072055	RONDO operation and maintenance	1971
19720072056	TF34-GE-2 engine components qualification. Fan rotor overspeed test	1971
19720072057	E49 LOPAIR refurbishment	1971
19720072059	Rotor starting torque improvement modification	1971
19720072060	Westinghouse 100 ampere blast cooled converter	1971
19720072061	Sapphire ribbon	1971
19720072062	Production engineering measure for high voltage aluminum high-reliability electrolytic capacitors	1971
19720072063	Thermally stable ethylene-propylene elastomers	1971
19720072064	Evaluation and characterization of binder constituents	1971
19720072065	Simulation study to determine the ejection decision time during take-off and landing of the VJ101 C-X2	1971
19720072066	Evaluation of the modified BLU-19/B bomb and FMU-50/B fuze	1971
19720072067	Surveillance evaluation of the Rocket Assisted Personnel Ejection Catapult (RAPEC) Mark 1 Mod 1	1971
19720072068	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors	1971
19720072069	Production engineering measure of a very high current, high speed pulser silicon controlled rectifier	1971
19720072070	An observation of surface state emission in the energy distribution of electrons field emitted from Ge(100)	1971
19720072071	Production engineering measure for beam lead tantalum thin film capacitors	1971
19720072072	Evaluation of the pressure distribution on the fins of a wraparound fin model at subsonic and transonic Mach numbers	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072073	DO-132 light helicopter with reaction propulsion	1971
19720072074	Informal ONR-NRL workshop on statistical signal processing techniques, abstracts and other notes, 14-18 June 1971	1971
19720072076	Computer simulation of a digital MTI signal processor	1971
19720072077	Decomposed Ammonia Radioisotope Thruster (DART) integration study	1971
19720072078	Illiack 4 software study	1971
19720072079	Production engineering measure for sealed beam xenon lamps	1971
19720072080	Instrumentation for Automatic Liquid Agent Detection (ALAD)	1971
19720072081	Cockpit anthropometric survey of model A-4C, A-6A, A-7E, AV-8A, F-4J, F-8D, and OV-10A airplanes	1971
19720072082	Modification of HEL armor systems development/evaluation guideline for application to fire support helicopters	1971
19720072083	Production engineering measure for Schottky barrier gallium arsenide diode	1971
19720072084	Coated polycarbonate visor	1971
19720072085	PBI manufacturing methods for high tenacity yarns	1971
19720072086	Service test of C-5A aircraft, (airdrop personnel)	1971
19720072087	Development work for DCVD, Ministry of Defence	1971
19720072088	Navy in-service aircraft wheel and brake assemblies	1971
19720072089	Evaluation of North Water spring ice cover from satellite photographs	1971
19720072090	A colour patch technique for field monitoring of particulate matter in hydraulic fluids and systems	1971
19720072091	HF predictions description of services	1971
19720072092	Study of integrated circuit traveling wave amplifier technology	1971
19720072093	Flight evaluation of various Doppler/heading reference navigation systems	1971
19720072094	Semiautomatic coordinate reader	1971
19720072095	Noise levels in the CC137 aircraft	1971
19720072096	Monthly record. Meteorological observations in Canada, April 1971	1971
19720072097	Low noise diffused junction FET types	1971
19720072098	Definition and evaluation of stress	1971
19720072099	Computer flow diagrams as a design aid	1971
19720072100	On the generation of sequences of noncoincident events	1971
19720072101	A high-speed D/A converter and sweep generator	1971
19720072102	Solid propellant structural test vehicle. Techniques for measuring stress, strain and temperature in solid propellant motors	1971
19720072103	Radiometric 3-D patterns	1971
19720072104	Calculator for determining the effect of a nuclear explosion	1971
19720072105	Engineering evaluation of sealed Ni-Cd batteries for obtaining high power discharges after storage	1971
19720072106	Energy attenuating troop seat	1971
19720072107	Pershing support software systems and operating procedures	1971
19720072108	Batteries for electric automobiles	1971
19720072109	The Pluton: Tomorrow's tactical nuclear weapon	1971
19720072110	Evaluation and calibration of AIMS equipment in the CH-46 helicopter	1971
19720072111	Laser applications in plasma research	1971
19720072112	Solid state Doppler sensor investigations	1971
19720072113	Improvement in sideways light scattering aerosol particle counters. Rearrangement of optical lens geometry	1971
19720072114	Monte Carlo analysis of air-to-ground correlation parameters for finite distributed gamma sources	1971
19720072117	Possibilities for the cartographic portrayal of the gravity field	1971
19720072118	Geoid and Mohorovicic discontinuity	1971
19720072123	Skylab A weight and performance report, January 1971	1971
19720072124	Anomalies of blast waves from chemical explosions	1971
19720072125	Cable noise generated by blast waves	1971
19720072126	Airblast loading of spherical radomes: Event Dial Pack	1971
19720072127	A system and procedures for measuring blast wave density in a 500 ton TNT surface burst	1971
19720072128	The determination of phosphorus in lubricating oils by cool-flame emission spectroscopy	1971
19720072130	Review of low work function dispenser cathodes	1971
19720072131	Annual report on CVD development projects	1971
19720072133	Study of high speed thyristors	1971
19720072134	Material and device technology of gallium phosphide	1971
19720072135	The operation of a Ruston and Hornsby gas turbine on queensland coal	1971
19720072136	The meteorological data supplied by the nations concerning the NATO SATCOM Phase 2 terminal sites and other areas of interest, Volume 2	1971
19720072138	Methodology investigation. Special study of requirement for improved oil analysis capability	1971
19720072139	Analysis of acoustic baffles for underwater noise reduction	1971
19720072140	Radiation shielding in the Navy A-7E Corsair 2 aircraft	1971
19720072141	Battery evaluation program	1971
19720072142	Low cost S-band transmitter tube for phased array radars	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072143	Initial production test of welding shop, trailer mounted, lightweight	1971
19720072144	A single-beam spectrometer for the far infrared	1971
19720072148	Advanced data processing, volume 1	1971
19720072149	Advanced data processing, volume 2, part 1	1971
19720072150	Test and evaluation of 20 to 30 kw xenon arc lamps. Volume 2: Summary	1971
19720072151	USAREUR air cavalry troop evaluation. Volume 1: Executive summary	1971
19720072154	Research on microwave amplification in semiconductors. Volume 1: Experimental work	1971
19720072155	Research on microwave amplification in semiconductors. Volume 2: A model for the high field conduction of electrons in germanium	1971
19720072173	Improved composite armor produced by impulse resistance sintering	1971
19720072175	O2/H2 advanced maneuvering propulsion technology program engine system studies. Volume 1: Aerospike engine configuration design and analysis	1971
19720072177	SEEK FLEX preliminary design study functional analysis and data processing and display systems, volume 1	1971
19720072178	Task force command and control study. Volume 2, part 3: Task force operations definition	1971
19720072179	Task force command and control study. Volume 3, part 1: Task force information requirements,	1971
19720072180	Task force command and control study. Volume 3, part 2A: Task force information requirements	1971
19720072181	Task force command and control study. Volume 3, part 2B: Task force information requirements	1971
19720072182	Task force command and control study. Volume 3, part 2C: Task force information requirements	1971
19720072183	Tactical Approach Landing Radar (TALAR) system evaluation	1971
19720072185	Dynamic calibration of gas flowmeters	1971
19720072186	Pressure fluctuations caused by separated bubble flows at subsonic speeds	1971
19720072188	The lift and stalling characteristics of a 35 deg swept back wing designed to have identical chordwise pressure distributions at all spanwise stations when near maximum lift, part 1	1971
19720072189	The lift and stalling characteristics of a 35 deg swept back wing designed to have identical chordwise pressure distributions at all spanwise stations when near maximum lift, part 2	1971
19720072190	An experimental investigation of the subsonic longitudinal characteristics of five slender-wing models with gothic planforms	1971
19720072191	Research on antennas	1971
19720072193	Instrument fact sheet: Ross model 800A fine line depth recorder	1971
19720072194	Transient and permanent radiation effects in Gunn and IMPATT oscillators	1971
19720072195	Development of a gliding guided ribbon parachute for transonic speed deployment	1971
19720072196	Magnetic coupling: Worst-case lightning	1971
19720072197	Pressure decay in a vented vessel	1971
19720072198	Qualification test of polystyrene capacitors to NAVWEPS drawing 2316571	1971
19720072199	Failure mode, effects, and criticality analysis of the Scout Radar Beacon Subsystem, vehicle configuration through S-162	1971
19720072201	Display design for a pneumatic analogue decompression computer	1971
19720072203	Category 2 arctic tests of the HH-53C helicopter	1971
19720072204	VHF tactical channel simulator advanced development model	1971
19720072205	Manufacturing method for precision casting	1971
19720072207	Simulation and gaming methods for analysis of logistics (Sigmalog): Data base programs	1971
19720072208	Multiple lifter antenna cable system	1971
19720072209	Endburning technology program. Task A: Laboratory effort. Task B: Subscale motor tests	1971
19720072216	Calculation of the directivity patterns of a luneburg antenna	1971
19720072217	Magnesium anode-electrolyte-inhibitor system studies	1971
19720072218	Qualification test report of multipole double-throw relays	1971
19720072219	Qualification test report of multipole doublethrow relays	1971
19720072220	Production engineering measure for improved reliability of hermetic seat wetanode tantalum capacitors	1971
19720072224	Push down list memory element (PUDL) development	1971
19720072225	Soviet outer space weapon systems	1971
19720072228	Seeking out new directions in military aircraft. 2: A comparison of the CH-53A and Mi-8	1971
19720072230	On-board oxygen generator system	1971
19720072232	Dimensionally stable, high strength, flat conductor cable	1971
19720072234	Transmission meter with He Ne laser for measuring atmospheric visibility	1971
19720072237	On the numerical solution of the Tricomi problem	1971
19720072238	Design and development of cryogenic turborefrigerator systems, volume 1	1971
19720072239	Design and development of cryogenic turborefrigerator systems, volume 2	1971
19720072240	Landscape atlas of the USSR	1971
19720072241	Boattail effects on the dynamic stability of the three caliber Army-Navy basic spinner projectile	1971
19720072242	The free motion of a sphere in a rotating fluid	1971
19720072245	Static test firing of LGM-30B stage 1 rocket motor s/n 0012093 Minuteman shelf/service life program	1971
19720072253	Comparative measurements of infrared transmission over a long oversea path	1971
19720072254	Advanced multilevel interconnection systems for MIST integrated circuits	1971
19720072255	A summary of results from automated wave pattern analysis	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072259	Heat transfer at free convection in a horizontal fluid layer with volume heat source. Part 1: Integral heat transfer	1971
19720072261	Algol 3 1000 miles road test	1971
19720072262	A universal FORTRAN program for the optical layout and calculation of a solar simulator	1971
19720072263	Contribution to the wave drag reduction at zero lift of symmetrical pointed wings with finite thickness having the same volume as functions of the geometry of the wing planform and of the displacement of the maximum thickness in spanwise and chordwise direction	1971
19720072264	Scanning electron microscopy: Possibilities and results with the Wintershall/Baist friction and wear apparatus	1971
19720072265	Plasma diagnostics with the help of collision-dominated electrostatic probes	1971
19720072266	Analytical methods for a singular perturbation problem. The quarter plane	1971
19720072267	Approximation processes for Fourier-Jacobi expansions	1971
19720072268	Convolution operators for Fourier-Jacobi expansions	1971
19720072269	On positive convolution operators for Jacobi series	1971
19720072270	Numerical solution of a minimax problem	1971
19720072271	Stabilized Runge-Kutta methods with limited storage requirements	1971
19720072273	C/X-band low noise bipolar transistors	1971
19720072274	Development of a high resolution negative photoresist	1971
19720072275	The matching of electronic generators with sonar transducers	1971
19720072276	Application of the Galerkin's method on the problem of cellular convection induced by surface tension gradients	1971
19720072277	Mark 6A power plant propellant and igniter test	1971
19720072279	Preproduction and qualification responsibility for aircraft control equipment	1971
19720072282	Conceptual studies for ground based facilities for CAMEL radar installations	1971
19720072283	Status of design and production qualification testing of Mk 88 (Poseidon) fire control modules	1971
19720072284	Status of qualification testing of Mk 88 (Poseidon) fire control modules	1971
19720072285	Status of qualification testing of Mk 88 (Poseidon) fire control modules	1971
19720072286	Status of Mk 88 (POSEIDON) digital module testing	1971
19720072287	Status of Mk 88 (POSEIDON) module testing	1971
19720072288	Status of Mk 88 (POSEIDON) module testing	1971
19720072289	Status of Mk 88 (POSEIDON) module testing	1971
19720072290	Status of Mk 88 (POSEIDON) module testing	1971
19720072291	Status of Mk 88 (POSEIDON) module testing	1971
19720072292	Status of Mk 88 (POSEIDON) module testing	1971
19720072324	An analysis of the effect of release condition errors on bomb impact as associated with the F-111A and F-111E trail and range bombing modes	1971
19720072325	UH-iN Category 2 climatic laboratory tests	1971
19720072326	Model A-7A/B/ airplane spin evaluation addendum report	1971
19720072330	An analysis of Wing/Base financial management reports in fulfilling the requirements of the resource management system	1971
19720072331	United States involvement in codevelopment: An analysis of the US/FRG/ V/STOL fighter aircraft project and NATO Seasparrow project	1971
19720072332	An analysis and system design for the application of automated procedures to maintaining blood donor information at USAF Medical Center, Wright-Patterson AFB, Ohio	1971
19720072333	A method for selecting a computer remote terminal system	1971
19720072334	An analysis of risk assessment within Aeronautical Systems Division	1971
19720072335	Status of Mk 88 (Poseidon) module testing	1971
19720072340	Manufacturing methods and technology measure (MMT) program for GaAs laser crystal	1971
19720072342	A new method of studying ultrashort scintillations	1971
19720072343	Graphic plotter	1971
19720072344	Status of AN/BQS-13 digital module testing	1971
19720072345	LRC/SRC swimmer life support system communication equipment	1971
19720072346	Status of Mk 88 (POSEIDON) module testing	1971
19720072347	Status of Mk 88 (POSEIDON) module testing	1971
19720072348	Status of Mk 88 (POSEIDON) module testing	1971
19720072349	Wear and elevated temperature testing of alodine chemical films	1971
19720072351	Improvement of accelerated aging methods for coated fabrics	1971
19720072352	Product improvement test of radio set AN/PRC-74C (integrated engineering and service tests)	1971
19720072353	Advanced composites management and planning review. A summary	1971
19720072354	The transmission of 1700-Hz acoustic energy over the Block Island-Fishers Island (BIFI) range	1971
19720072356	Position-determining system for Sea-Spider hydrophone arrays	1971
19720072357	Maintainability and engineering evaluation and system development monitoring of EA-6B aircrew automated escape system, operational aeromedical and human factors	1971
19720072358	Effect of signal incidence on detectability	1971
19720072359	Introduction to information theory	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072360	Low cost S-band transmitter tube for phased array radars	1971
19720072361	Bearing improvement program for large rolling elements bearings	1971
19720072362	Anisotropy and coupling in thin magnetic films	1971
19720072363	Model C-5A airplane engineering flight test electrical power supply subsystem test results	1971
19720072364	NETSIM simulation program user's manual	1971
19720072365	A production engineering measure for compact five-gun cathode ray tubes	1971
19720072366	Seek flex preliminary design study data processing and display requirements, volume 1	1971
19720072367	Seek flex preliminary design study data processing and display requirements, volume 2	1971
19720072368	Seek flex preliminary design study data processing and display systems, volume 3	1971
19720072369	Component Evaluation Report on filter, electrical, 69 HZ, low pass, fixed	1971
19720072372	Production engineering measures for hybrid integrated circuit solid state front end. Production of a solid microwave integrated circuit radar front end	1971
19720072374	Methodology investigation revision of materiel test procedure 5-2-585 chemical and metallurgical tests	1971
19720072375	Membrane response in rings and simulation testing	1971
19720072376	Development of carbon thermal insulation for the materials test vehicle (MTV-1) program	1971
19720072377	Procedures for seamount detection using explosive shots and hydrophones	1971
19720072378	Worldwide deflection of the vertical at sea from satellite radar altimetry	1971
19720072379	Antenna, fuze, Mark 28 Mods 1 and 2 and electronic assembly, fuze, Mark 5 Mod 1: description, handling, and testing	1971
19720072380	Influence of altitude on the electroencephalogram: Sleep induction at moderate altitude	1971
19720072381	Manufacturing methods and technology measure for 18 mm microchannel plates	1971
19720072386	The RDC 64D thermoluminescence dosimeter and the RDC 64A evaluation device	1971
19720072387	Laser damage to biological materials	1971
19720072388	Nondestructive evaluation of airfield pavements, phase 1	1971
19720072391	Report on superconducting electrical power transmission studies	1971
19720072393	Heat and mass transfer blowing correction correlations for charring ablaters. Part 1: Equal diffusion coefficients	1971
19720072397	Cable and connector defects	1971
19720072398	A 10 kW turbo-alternator: Design, test, and development of components and advanced development model systems, volume 1	1971
19720072399	A 10 kW turbo-alternator: Design, test, and development of components and advanced development model systems, volume 2	1971
19720072400	Characteristics of MOS circuits for radiation-hardened aerospace systems	1971
19720072404	Internal loads analysis forward fuselage, volume 1	1971
19720072405	C-5A forward fuselage stress analysis, volume 1	1971
19720072406	C-5A forward fuselage stress analysis, volume 2	1971
19720072408	Deep ice penetration acoustic source tests in the Greenland Sea, 1971	1971
19720072410	Photoemission from semiconductors	1971
19720072411	Integrated circuit: Dual J-K Flip-Flop	1971
19720072412	Environmental evaluation of 16 pin dual in-line IC package	1971
19720072413	Integrated circuit, dual-differential amplifier	1971
19720072414	Integrated circuit lead evaluation	1971
19720072415	Vibration test techniques	1971
19720072416	Microwave transistor scattering parameter measurement under pulsed bias conditions	1971
19720072417	Surface field of view attainable from missile-borne sensors with considerations for offset guidance	1971
19720072418	The pendulum used as an impulse measuring device	1971
19720072419	Cleaning technique for payload vacuum systems	1971
19720072420	An introduction to Sandia image digitizer connector, analyzer, and plotter a pattern recognition system	1971
19720072421	Study of ionizing radiation damage in MOS structures using internal photoemission	1971
19720072425	Image stabilization device	1971
19720072426	Integrated circuit, Dual 4, input nand gate, environmental, evaluation of 96P mask	1971
19720072436	Fluctuation generation in the near wake of a slender body. 1: Theory	1971
19720072438	AN/PPS-18 (XN-1) ultra reliable radar	1971
19720072442	GEDAC: Generalized error detection and automatic correction	1971
19720072443	Evaluation of ophthalmic lenses for department of Defense personnel	1971
19720072445	Plasma production in a magnetic field by means of the kinetic energy of a gas stream	1971
19720072446	Threshold extension in wideband FM systems	1971
19720072447	Ice thickness data for selected Canadian stations: Freeze-up 1970 - break-up 1971	1971
19720072448	Research on gridded guns	1971
19720072449	Research into reliable manufacturing techniques for beryllia components	1971
19720072450	Progress report, Jul. 1970 - Jul. 1971	1971
19720072451	Special devices development projects VX.9259 - CP.2378/65 dual dual gun electrical signal storage tube. VX.9263 - CP.752 1/67 1 inch dual gun electrical signal storage tube. VX.19000 - CP.5069/68 single ended differential storage tube	1971
19720072452	A method for the design of contra-rotating propellers	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072453	A review of possible methods of tuning the cavities of high power microwave electron tubes	1971
19720072454	Capmium sulphide acousto-electric oscillator	1971
19720072457	Measurement of optical and mechanical properties of infrared materials	1971
19720072458	Integrated Engine Instrument System, appendix 4	1971
19720072460	Evaluation of adhesive films for heat dissipators bonding to circuit boards	1971
19720072461	Evaluation of GSP heat dissipators	1971
19720072462	A stress model for heteroepitaxial magnetic oxide films grown by chemical vapor deposition	1971
19720072464	Properties of the dysprosium-gadolinium gallium garnet system	1971
19720072466	Spectral characteristics of far infrared lasers for use in surveillance and communications systems	1971
19720072469	Report of Task Force 2, annex D: Management problems of DoD in-house laboratories. Report of Task Force 4, annex E: Consolidations, closures, and cross-service activities. Annex F: Statement of the service directors of laboratories	1971
19720072470	Step and repeat enlarging Diazo printer-processor	1971
19720072473	Human factors evaluation of the automated quality monitoring and reporting subsystem in the technical control facility at Coltano, Italy	1971
19720072477	Research on intrinsic germanium detectors	1971
19720072485	Radar set AN/PPS-17 (XN-1). Failure free development program	1971
19720072486	Design, fabrication, and proof test of a transparent armor kit for the UH-1D helicopter	1971
19720072487	Part failure mode percentages	1971
19720072493	Task force command and control study. Volume 2; part 1: Task force operations definition, phase 1	1971
19720072494	Task force command and control study. Volume 3: Task force information requirements, part 2D, phase 1	1971
19720072495	Task force command and control study. Volume 3: Task force information requirements, part 3A, phase 1	1971
19720072496	Evaluation of heat treatment variables for the T76 temper of aluminum alloys	1971
19720072497	Component test report: Relay, armature	1971
19720072498	Production engineering measure for beam-lead integrated circuits	1971
19720072500	Failure analysis of one F14 relay from the anti-skid control	1971
19720072501	Dual differential line receiver, electrical evaluation	1971
19720072502	A working method for plasma mechanical statistics	1971
19720072506	Mapping and photointerpretation system based on stereo orthophotos	1971
19720072507	Monthly bulletin, Canadian upperair data, August 1971	1971
19720072509	Model development and BMD criteria study, phase 4	1971
19720072510	Model development and BMD criteria study, phase 5	1971
19720072511	Short-round Chaffroc motor mk 73 Mod 0 characterization	1971
19720072512	Results of a preliminary parametric design analysis of Arctic surface effect vehicles	1971
19720072514	Vulnerability reduction experiments with a UH-1 helicopter tail rotor gearbox	1971
19720072516	Fixed capacitor, non-solid electrolytic	1971
19720072517	Corrosion caused by galvanic couple between INCONEL X750 and carbon in the presence of moisture	1971
19720072519	Boundary conditions and Rankine-Hugoniot equations for a multi-continuum theory of composite materials	1971
19720072520	Rocket: A guide to the Sandia version	1971
19720072521	Category 2 test and evaluation of the 407L tactical air control system AN/TGC-2-7/28 communications centrals' teletype, AN/TSC-62 communications central, technical control, A407L communications network	1971
19720072522	A study of gliding parachutes for accurate cargo delivery	1971
19720072523	Response of impedance loaded multiple wire transmission lines using symmetrical phase components	1971
19720072524	Technique for attaining fine line pattern definition of thin film transparent electrodes	1971
19720072525	An acoustic characterization of three epoxy resin formulations	1971
19720072526	S-band diplexer development	1971
19720072527	Response of an asbestos phenolic composite to shock loading	1971
19720072528	Radio-frequency E-field sensor	1971
19720072529	Current monitor with automatic range switching	1971
19720072530	Transferred electron device history	1971
19720072535	Optimum signal processing for an adaptive communications system	1971
19720072537	Automatic detector of radar echoes with a constant false alarm rate	1971
19720072538	Unsteady aerodynamic pressures in transonic flow	1971
19720072540	Optimum wobble damping of rotating satellites using a control-moment gyroscope	1971
19720072541	Optimum geometry of advanced composite tubular columns	1971
19720072549	IC triple line transmitter	1971
19720072550	Integrated circuit, quad 2, input nand, 2 1/4 inch wafer design evaluation	1971
19720072551	Wire bond strengths-integrated circuit, operational amplifier	1971
19720072552	A function minimization technique: With limited domain of variation of the parameters	1971
19720072553	The effects of macrograin size control on fatigue properties of titanium alloy forged billet	1971
19720072554	Evaluation of alloy spark sintered Ti-6Al-4V ingot and forged bar	1971
19720072555	Qualification of diode, semiconductor rectifier	1971
19720072557	Mechanical evaluation, gold-silicon eutectic die bond	1971
19720072559	Manufacturing methods and processes for high resistivity thin film resistors for radition hardened integrated circuits	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072563	Electromagnetic shock tube program	1971
19720072571	Evaluation of runway touchdown zone marking	1971
19720072573	VX538 joint feasibility study of S-band travelling wave tube	1971
19720072574	Disc-supported ring-bar structures	1971
19720072576	The effect of elevated temperatures upon the tensile properties of extruded ethyl cellulose inhibitor tubes	1971
19720072577	Six-character luminescent display	1971
19720072578	Improved Impatt oscillators using new GaAs technology	1971
19720072579	Study of LSA devices for X-band	1971
19720072580	Microanalysis laser spectroscopy	1971
19720072583	Ships instrumentation handbook	1971
19720072585	Line Of Sight (LOS) determination in the Salisbury plain: A comparison of LOS determination methods employed by USACDC and Royal Armament and Research Development Establishment	1971
19720072587	The politics of innovation: Pattern of an Air Force case	1971
19720072592	Design and development program gap 4422 battery	1971
19720072596	Evaluation of Agfa-Gevaert color proofing system	1971
19720072600	A comparison of Doppler derived orbits with laser observations	1971
19720072601	Report of testing on capacitors, fixed, paper dielectric for AMC part no. 11227670	1971
19720072602	Qualification test report RM-7522 on capacitor, fixed, mica, button, hermetically sealed, chassis mount, MIL	1971
19720072603	Ionospheric ray tracing for simulation of high-frequency over-the-horizon earth backscatter	1971
19720072604	Reducing the response of single phase transmission lines to electrical noise	1971
19720072610	Capacitor, fixed, glass-dielectric	1971
19720072611	Supersonic inlet investigation. Volume 2: Air induction system dynamic simulation model	1971
19720072612	Supersonic inlet investigation. Volume 3: Wind tunnel data report	1971
19720072615	On the use of dielectric isolation to achieve radiation hardened integrated circuits, June - August 1971	1971
19720072616	Space communications, Division 6	1971
19720072617	Computerized method for calculating load distributions in multiple fastener joints	1971
19720072618	User's manual for program DIGITZ	1971
19720072619	Numerical thermal analysis of thermal batteries	1971
19720072621	Initial production test, Central Office Teletypewriter AN/MGC-9A	1971
19720072622	Production engineering measure for design and manufacture of plastic optics for goggles	1971
19720072625	Failure analysis of one Hi-G relay	1971
19720072627	Utilization of shock tube for debris impact tests	1971
19720072629	Documentary film catalog, revision 1	1971
19720072630	Switch, push	1971
19720072631	Calibration of the 9 1/2 by 18 1/2 by 1/2 inch max levy master optical grid	1971
19720072632	Cost estimating relationships for aircraft airframes	1971
19720072635	The effect of frequency shift on a phased array	1971
19720072636	Sweep generator model 1520A, serial E1-1 (Kay electrometrics)	1971
19720072640	Clutter reduction radar: Target and clutter characteristics. Volume 6, part 2: Data from 10-14 February 1969 (U)	1971
19720072685	Wind tunnel/flight test data correlation, volume 1 (U)	1971
19720072686	Wind tunnel/flight data correlation, volume 2 (U)	1971
19720072687	Wind tunnel/flight data correlation, volume 3 (U)	1971
19720072688	Wind tunnel/flight test data correlation, volume 4 (U)	1971
19720072689	The development of Navy readiness analysis methodology. Volume 2: Appendices A-F (U)	1971
19720072691	United States/United Kingdom joint direct lift engine development program, volume 1 (U)	1971
19720072692	United States/United Kingdom joint direct lift engine development program, volume 2 (U)	1971
19720072693	United States/United Kingdom joint direct lift engine development program, volume 3 (U)	1971
19720072694	Airborne MTI techniques for foliage penetration (U)	1971
19720072695	Airborne MTI techniques for foliage penetration (U)	1971
19720072700	Counter artillery radar projectile recognition study (U)	1971
19720072701	Aero-Scout Helicopter Target Acquisition experiment report. Volume 2: ASHTA experiment report (U)	1971
19720072712	Ring laser techniques investigation, volume 1 (U)	1971
19720072713	Ring laser techniques investigation, volume 2 (U)	1971
19720072726	Simplified method for estimating aircraft strategic payload delivery potential (U)	1971
19720072733	Aerodynamic characteristics of a composite fiber supercritical wing on a variable wing sweep aircraft from Mach number 0.7 to 1.6 (U)	1971
19720072737	Engineering development of CBU-70/B aircraft dispenser and bomb (U)	1971
19720072738	Some design considerations for MTI radars on elevated platforms (U)	1971
19720072739	Finder feasibility study, phase 2B (nanosecond foliage experiments, foliage penetration detection) (U)	1971
19720072740	High-speed surface effect vehicles for military deployment and supply (U)	1971
19720072742	TOW weapon system reliability confidence test program for the TOW missile flight motor sound source (U)	1971
19720072744	Airborne transmitter for multimode radar system (U)	1971
19720072745	Attitude determination for Project Magnet with the AN/ASN-101 inertial navigation set (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072746	Synthesis and polymerization of ferrocenylalkenes (U)	1971
19720072747	Flight test of the modified BLU-26/B and BLU-61/B bombs (U)	1971
19720072753	Development of a new gun propellant containing titanium (U)	1971
19720072754	Techniques for a thick-film hybrid multichip fabrication of the 20mm telemetry oscillator (U)	1971
19720072756	Shelf/service life test m46 rocket motor, PN 256225, AIM-4F/G weapon system (U)	1971
19720072760	The development of an active infrared target detecting device (U)	1971
19720072772	Manned compatibility tests of the Dragon antitank rocket (XM-47 system) (U)	1971
19720072775	Integrated Light Attack Avionics System (ILAAS) flight test in an A-6A airplane (U)	1971
19720072777	Fundamental AIH3 sensitivity studies (U)	1971
19720072786	UH-1M/FLIR (U)	1971
19720072797	Review of VPX and LAMPS navigational requirements (U)	1971
19720072800	Far infrared target indicator (U)	1971
19720072801	Sound propagation through the Northwest Pacific Emperor Seamount chain (U)	1971
19720072803	Survivability design guide for US Army aircraft. Volume 2: Classified data for small-arms ballistic protection (U)	1971
19720072808	Investigation of low frequency propagation in the deep ocean by normal mode theory (U)	1971
19720072811	Experimental research prototype infrared camouflage system (U)	1971
19720072812	GE12 infrared suppression hardware evaluation (U)	1971
19720072816	A study for an improved velocity 2.75-inch rocket motor (U)	1971
19720072817	Comparative performance of the Phoenix and Sparrow missiles against maneuvering targets (U)	1971
19720072924	DAALS system synthesis final report. Volume 3: Appendixes (U)	1971
19720072928	Pave nail combat evaluation (U)	1971
19720072932	Combat comet (U)	1971
19720072962	Control optimization, stabilization and computer algorithms for space applications	1971
19720072963	Investigation of the detectivity of radiation-produced defect levels in n- and p-type silicon and germanium	1971
19720072964	A study of high performance antenna	1971
19720072965	Dynamics and control of escape and rescue from a tumbling spacecraft	1971
19720072966	A theoretical and experimental study of the ionosphere using radio signals from earth satellites	1971
19720072967	Space programs	1971
19720072968	Research and development programs	1971
19720072969	Mechanisms for the effect of electric and magnetic fields on biological systems	1971
19720072976	High resolution study of the solar X-ray corona from Aerobee rocket 4.285 CS, design and construction of an Aerobee 170 payload and Aerobee 350 interface	1971
19720072977	Robot computer problem solving system	1971
19720072979	ERTS return beam vidicon imagery characteristics/simulation study	1971
19720072983	France: Nuclear, missile, and space developments, no. 300	1971
19720072984	Analysis of inner and outer zone OGO-1 and OGO-3 electron spectrometer and ion chamber data	1971
19720072985	Synthesis of polymers with high residues at high temperatures	1971
19720072989	Contamination avoidance devices for poppet type shutoff valves	1971
19720072990	Atmospheric motion investigation for vapor trails and radio meteors	1971
19720072991	Boron arsenide and boron phosphide for high temperature and luminescent devices	1971
19720072993	Monolithic catalyst beds for hydrazine reactors follow-on contract	1971
19720072995	Determination of the intensity of turbulence in a liquid rocket combustion chamber	1971
19720072996	Measurement of the ground wind structure	1971
19720072997	Gallium nitride optoelectronic devices	1971
19720073000	Semiannual status report, 1 May - 31 October 1971	1971
19720073002	Development and construction of a new spectrophotometer	1971
19720073004	Design, manufacture and check-out testing of an evaporator for vacuum distillation	1971
19720073011	Continued development of the Combined Pulsed Neutron Experiment (CPNE) for lunar and planetary surfaces	1971
19720073013	Advanced theoretical and experimental studies in automatic control and information systems	1971
19720073014	Near infrared spectroscopy of Mars	1971
19720073015	Development and pilot line production of lithium doped silicon solar cells	1971
19720073017	Optical investigations of non-crystalline semiconductors	1971
19720073019	Development of unique wet tantalum slug, tantalum cased capacitor	1971
19720073021	Research report, 15 September 1970 - 14 September 1971	1971
19720073022	Investigation of the D and E regions of the ionosphere	1971
19720073035	Space cell test program	1971
19720073036	Space shuttle Attitude Control System (ACS) thruster penetration heating	1971
19720073040	Space shuttle auxiliary propulsion (APS) valves	1971
19720073042	Response of building structures to environmental noise of seismic, acoustic and aerodynamic origin	1971
19720073043	Time exposure studies on stress corrosion cracking of aluminum 2014-T6, aluminum 7075-T651 and titanium 6A1-4V	1971
19720073045	Mechanism of the photovoltaic effect in II-VI compounds	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073046	Evaluation of polyimide/glass fiber composites for construction of light weight pressure vessels for cryogenic propellants	1971
19720073050	Evaluation of elastomers as gasket materials in pneumatic and hydraulic systems	1971
19720073052	Electromagnetic compatibility analysis of radio set AN/ARC-98	1971
19720073053	Production engineering measure for improved reliability of metalized polycarbonate capacitors	1971
19720073054	ADP oriented modular panel display (solid state)	1971
19720073055	Development of long life, high capacity Vuilleumier refrigeration system for space applications. Part 2: Description of preliminary refrigerator design and results of thermal analyses and life studies	1971
19720073062	Meteorite photography and recovery network	1971
19720073065	Research in cosmic rays and interplanetary magnetic fields and plasmas	1971
19720073069	Measurement and display of control information (remote manipulation and manual control)	1971
19720073073	A coded isolated voltage programmer for use with a multichannel analyzer	1971
19720073074	Wave propagation in a hollow finite conical frustum	1971
19720073076	Beam leads in integrated circuits at Sandia	1971
19720073077	UH-iN category 2 armament evaluation	1971
19720073079	Optimum flight profile, AN/UIH-6(V) PA (ALoud)	1971
19720073082	Aircraft constant speed drive reliability analysis	1971
19720073083	Development of the CB pressurized POP system	1971
19720073085	A fabrication system for NTDS ARO Labels	1971
19720073086	A deformational mechanism in particulate filled glassy polymers	1971
19720073087	Electron Location Finder (ELF)	1971
19720073089	Underwater laboratory Heligoland	1971
19720073090	Microwave amplification by avalanche diodes	1971
19720073091	Improved room temperature lasers	1971
19720073092	GaAlAs for photocathodes	1971
19720073093	Reduction of frequency/temperature dependence of Gunn diode chips	1971
19720073094	Synthetic substrates for acoustic surface waves	1971
19720073101	Microbial activities, missiles, and selected missile environments (inoculation techniques for missile fungus resistance testing)	1971
19720073102	Interagency mechanical operations group: Subgroup on environmental testing meeting number 21	1971
19720073103	Quasi-analytic functions	1971
19720073104	Plasma physics and fusion progress report, 1 April 1970 - 31 March 1971	1971
19720073108	Differential quadrature: A technique for the rapid solution on nonlinear partial differential equations	1971
19720073109	Presence of Ag-111 in the Dragon primary coolant circuit. Project Dragon	1971
19720073110	Integrated circuit, mechanical evaluation, dual 2, wide 2, input, and/or invert	1971
19720073114	Fundamentals of the flow features associated with the attachment and detachment of a plane jet flowing over an aerofoil Coanda effect	1971
19720073115	Assessment of see-through. Part 1: The teller system	1971
19720073116	On the water of the Canadian Arctic Archipelago. An atlas presentation of 1961 and 1962 data	1971
19720073117	Computer routines for surface generation and display	1971
19720073118	Sum rules for discontinuities and unitary equations	1971
19720073119	Progress report number 17, session 1970-1971	1971
19720073120	X-band gun diode pulse packet generator	1971
19720073121	High efficiency operation of avalanche diodes	1971
19720073122	An investigation of the feasibility of integrating direct lift control into the F-14A automatic carrier landing system	1971
19720073123	Production engineering measure for quartz crystal unit CR-(XM-71)/U	1971
19720073124	Production engineering measure computer aided design system for linear integrated circuits	1971
19720073125	Tetrahedron flow beam geometry for microwave tubes	1971
19720073127	Free flight aerodynamic characteristics of a supersonic bomb, Sandia configuration TX-61 at Mach 0.6 to 2.5	1971
19720073129	High reliability non-volatile integrated memories	1971
19720073131	The interaction of material and geometric aspects in the fracture of aluminum alloys	1971
19720073132	After the fall of Cosmos 316	1971
19720073133	Platinum diffusion analysis on selected glasses	1971
19720073134	Temporary encapsulates for research and development	1971
19720073139	Ion implanted transistor development	1971
19720073140	Failure mode, effects, and criticality analysis of the Scout guidance and control subsystem for vehicle configuration S-178 through S-192	1971
19720073141	Evaluation of a semiautomatic flight operations center. Volume 1: Introduction and results	1971
19720073142	Evaluation of a semiautomatic flight operations center. Volume 2: Analysis and discussion of results	1971
19720073143	Evaluation of a semiautomatic flight operations center. Volume 3: Supporting data and descriptions	1971
19720073144	Evaluation of a semiautomatic flight operations center. Volume 4: Computer model and program descriptions	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073145	Development of an explosively actuated payload separation and panel opening system for the high altitude test vehicle	1971
19720073146	The linear motor: A contribution to the study of effect of size of linear induction machines and to calculating the breaking action by an electromagnet	1971
19720073147	Production engineering measure for 25mm flexible fiber optic rope	1971
19720073149	Lubrication of carbon fibre reinforced polymers. Part 2: Organic fluids	1971
19720073150	A technique for measuring impedances of a spinning model rotor	1971
19720073151	SKYNET manoeuvres, April - May 1971	1971
19720073158	RADREFF 3 documentation	1971
19720073163	Weathering of acrylonitrile-butadiene-styrene terpolymers. Part 2: Stability of ABS and arylon, a related polymer blend, to outdoor exposure	1971
19720073164	Silicon schottky barrier power diodes	1971
19720073165	A study of microwave power transistors at C-band	1971
19720073166	One step methods for linear initial value problems. 3: Numerical results	1971
19720073172	Maintenance and running repairs on the R-123 radio set	1971
19720073173	Thermal coatings experiment for deployment with Apollo Lunar Surface Experiments Package (ALSEP)	1971
19720073176	Evaluation report for integrated catapult control station compartment/elevating mechanism subsystem of the CVAN68 catapult system	1971
19720073177	Feasibility study for improved O-ring materials for hydraulic systems in naval aircraft	1971
19720073179	STDN calibration report for November 1971	1971
19720073181	A new mode of coupling between the magnetizations of two thin ferromagnetic films	1971
19720073182	Gravity measurements, Santiago-Arica	1971
19720073185	Preliminary study of the nuclear subterrene	1971
19720073196	Biological decontamination of aircraft interiors	1971
19720073198	Spectrophotometer for very low intensity pulsed light sources	1971
19720073207	Crystal, quartz	1971
19720073209	Operational test of vacuum gauge probe, drawing no. 2167F	1971
19720073212	Analysis of O-ring from Arm no. 9 flo-tork actuator	1971
19720073214	A state space-analysis of the nonlinear behavior of circuit elements subjected to a two signal input and a dc bias	1971
19720073220	Index of US Naval aircraft, air launched guided missiles, and their propulsion systems	1971
19720073221	Environmental sensitivity of structural metals: Liquid metal embrittlement	1971
19720073230	Product engineering measure for improved reliability of mica transmitter capacitors	1971
19720073235	Production engineering measure for mechanized production and test equipment for high volume subminiature ceramic chip capacitors	1971
19720073239	Evaluation of the aircraft porous media model no. 8602-62 Centrisep air cleaners	1971
19720073242	Manufacturing methods for associative processor memory modules	1971
19720073246	Study of waterjet propulsion for 400-ton hydrofoil ship	1971
19720073247	Development of automated pad relocation LSI, phase 2	1971
19720073250	Production engineering measure for multi-electrode crystals 30 to 70 MHz type CR-(XM-72)/U and CR-(XM-73)/U	1971
19720073251	Production engineering measure for multi-electrode crystals 30-70 MHz. Type CR-(XM-72)/U and CR-(XM-73)/U. Report on double peaks of plated blanks and methods of solution	1971
19720073254	Fresnel zone theory of VLF coupling into the earth-ionosphere waveguide	1971
19720073256	Desk top calculator programs used for diurnal phase variation study	1971
19720073259	Radiation hardened bipolar high voltage power transistors	1971
19720073260	Radiation hardened Junction Field Effect: JFET's hardened to both transient and permanent effect	1971
19720073264	Compact anodic bore laser	1971
19720073265	A wet and dry deep submergence electrical power transmission system, phase 1, volume 1	1971
19720073266	A wet and dry deep submergence electrical power transmission system, phase 2, volume 2	1971
19720073270	Production engineering measure for 25 MM fiber optic image inverter plate (U)	1971
19720073271	Analysis of RIMEX reactions delays and detection, lock-on, and firing ranges (U)	1971
19720073273	Superconducting MAD systems development experimental program: Second annual report (U)	1971
19720073275	Flying qualities evaluations of a 17 percent thick supercritical wing on a T-2C airplane (U)	1971
19720073276	Super High Frequency (SHF) airborne distributed phased array antenna (U)	1971
19720073278	Sonar target motion analysis: Weighted CHURN against a maneuvering target (U)	1971
19720073282	LASL rover program (U)	1971
19720073285	Measurement and display of control information (remote manipulation and manual control)	1971
19720073286	Lunar module systems handbook: LM-10 and subsequent vehicles, revision A	1971
19720073287	Solar X-ray astronomy	1971
19720073289	The preparation of rare earth trihydrides	1971
19720073292	Experimental investigation of combustor effects on rocket thrust chamber performance	1971
19720073294	Self evacuating multilayer insulation for space shuttle vehicles	1971
19720073295	Payload effects follow-on study	1971
19720073296	SV hypergolic loading	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073297	Facility measuring and hazards monitoring support of SV CDDT and launch countdown	1971
19720073299	Research on materials for advanced electronic and aerospace application	1971
19720073310	Thermal performance of multilayer insulation	1971
19720073318	One bottle of Union Carbide's UCON M-1 water-glycol fluid, ID no. PM3306	1971
19720073319	Flammability Test of Stevens Fire Retardant, Type 1, Finish Material	1971
19720073320	Chemical Compounding Corporation leak test compound, type 1, lot no. 9I4-1	1971
19720073321	Aging and surveillance testing of a Minuteman LGM-30F stage 2 rocket motor at simulated pressure altitude (motor S/N AA 20009, designation OP-11)	1971
19720073322	Q-band monolithic microwave integrated circuits	1971
19720073327	A numerical quadrature for singular functional equations	1971
19720073328	Monthly record. Meteorological observations in Canada, June 1971 and supplement	1971
19720073329	Seek flex preliminary design study functional flow diagrams	1971
19720073330	Small turbine engine analysis program	1971
19720073331	Plant Design Division Progress Report, 1 April - 30 June 1971	1971
19720073332	Skylab A weight and performance report, November 1971	1971
19720073333	Skylab A weight and performance report, July 1971	1971
19720073334	Fireball and shock wave anomalies observed on event Dial Pack	1971
19720073336	SERL Technical Journal. Volume 21, number 3	1971
19720073337	Cermet heaters for high powers tubes	1971
19720073338	Development of ML-566 (XE-2)/AM high altitude balloon and provision of advanced development models	1971
19720073345	Task force command and control study. Volume 2, part 2: Task force operations definition	1971
19720073346	Semiannual Progress Report, 1 July - 31 December 1971	1971
19720073352	Flow noise generation and radiation studies	1971
19720073353	A rigid scanning Fabry Perot interferometer for field use	1971
19720073354	Characterization of Kapton dielectric strength and insulation resistance at elevated temperatures	1971
19720073355	ARBAS-H: A finite element computer code for heat conduction and stress analysis of plane solids and axisymmetric solids	1971
19720073356	The application of electron probe microanalysis to textural studies of ceramics	1971
19720073358	An experimental investigation of low aspect ratio fins tested at transonic speeds on a reflection plane	1971
19720073360	Evaluation of the unicolor process	1971
19720073362	Kormoran: The new missile-weapons-system for German naval aviation	1971
19720073364	The 40 mm image inverter	1971
19720073365	Evaluation of colorimetric vapor detector tubes for the detection of monomethylhydrazine and nitrogen dioxide	1971
19720073368	Technical investigation of the Bendix Corporation modification of Litton G-200 gyroscopes	1971
19720073369	Qualification testing of aircraft external power cables type MS254861 manufactured by Florida General Electronics, Incorporated	1971
19720073370	Qualification tests of BuWeps drawing 2621724 resistors	1971
19720073371	Qualification tests of BuWeps drawing 2012553 capacitors	1971
19720073372	Qualification tests of Sprague metallized mylar capacitor to BuWeps drawing 2673302	1971
19720073374	Interaction between sound waves propagating in the same direction	1971
19720073375	Examination of liquid condensate found on cellulose acetate sealing discs of cartridges, electric, engine starter, no. 9 Mk 2	1971
19720073376	Survivability design guide for US Army aircraft. Volume 1: Small-arms ballistic protection	1971
19720073377	Manufacturing method and technology measure for single side band quartz crystal unit CR-(XM-74)/U	1971
19720073385	Strength analysis of thin-walled, fiberglass reinforced plastic beams	1971
19720073386	Model A-7A/B airplane spin evaluation	1971
19720073388	Range finders for artificial satellites	1971
19720073389	Design study, aircraft oxygen generator system	1971
19720073390	Production engineering measures for the PP-6075()/U thermoelectric power source	1971
19720073391	Shipborne wave-recorder measurements of surface waves during acoustic experiments in the Western Ligurian Sea (ACOC-1)	1971
19720073392	Air blast response of a circular cantilever beam	1971
19720073393	Iron and copper content of lubricating oils colorimetric method	1971
19720073394	CVD annual report on development projects	1971
19720073395	Applied Physics Division progress report, 1 July - 30 September 1971	1971
19720073398	Initial production (reliability) test of control transponder set C-6280A(P)/APX	1971
19720073401	AN/ARC-145 modification for 25 KHz channels	1971
19720073404	Matrix method for strength calculations of articulated main rotor blade of helicopter hovering and in vertical flight	1971
19720073405	Ablative thermal protection composites for lifting vehicles	1971
19720073406	Arithmetic average value of the wave given by the narrow line spectrum with equidistant lines	1971
19720073407	X-band image recovery mixers with reduced conversion loss	1971
19720073408	Viewing of radiographs	1971
19720073409	AC gas discharge matrix panel	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073411	Mechanism of thermal oxidation of the benzimidazole system	1971
19720073412	Comparison of aircraft-system field experience	1971
19720073417	FSR display digital data link	1971
19720073419	A time-division multiplexing system for asynchronous high-rate telemetry	1971
19720073421	Qualification of micro semiconductors diode array module, (32 pins)	1971
19720073422	Environmental qualification test report. Mild detonating cord (ST-20282)	1971
19720073423	Semiconductor device, integrated circuit, operational amplifier	1971
19720073424	A case study in pollution control: Wright-Patterson Air Force Base	1971
19720073425	Seek flex preliminary design study functional flow diagrams	1971
19720073428	Comparison of electrical generating systems based on IDG and VSCF techniques in a twin engined airbus	1971
19720073429	Graphite/epoxy composite box beam no. 1	1971
19720073430	Laser application in surveying instruments	1971
19720073431	The classification and abstraction of optical patterns	1971
19720073434	Rotary-reciprocating cryogenic refrigeration system studies. Part 2: Computer program	1971
19720073435	The development of a heat-flow calorimeter for use with solid propellants	1971
19720073436	The end quench hardenability of ausformed steel: Effect of holding time at ausforming temperature	1971
19720073438	Concurrent learning of two single cue probability learning tasks	1971
19720073439	Interrelations between simultaneous point and interval estimates under percept and stimulus directed instructions	1971
19720073440	A study of dielectric layer protection for silicon power transistor modules	1971
19720073441	Quarterly title list number 27 of reports for the period ending September 1971	1971
19720073442	Investigation of the Norwegian coast current off Egersund, September 1968	1971
19720073443	Drag loading on a circular cylinder from an air blast wave	1971
19720073444	Deposition of polycrystalline silicon	1971
19720073445	Winter waves in the northern North Sea at 57 degrees 30 min N 3 degrees 00 min E recorded by M. V. Famita	1971
19720073446	Waves at the Owers Light Vessel, central English Channel	1971
19720073447	Investigation of dielectric optical coatings for lasers	1971
19720073448	CVD Developments	1971
19720073450	Integrated surface wave devices	1971
19720073451	Interrelations and structure of judgments of velocity, time, and displacement in relative movement	1971
19720073452	Point estimates, interval estimates, and ratio scale demands in a ratio estimation experiment	1971
19720073454	Development of a spin tuned magnetron	1971
19720073455	Measurement of drag on cylinders by the free flight method: Event dial pack	1971
19720073456	Research on mercury cadmium telluride detectors and material	1971
19720073457	DATUM: A digital computer simulation model for datum search: The helicopter	1971
19720073458	Bibliography on electromagnetic compatibility	1971
19720073461	VX(E)4217: Investigation into the attainment of pressures below 10 to the minus 8th power N/sqm	1971
19720073462	Storage of charged nickel hydroxide electrodes	1971
19720073466	Shuttle APS propellant thermal conditioner study	1971
19720073467	Monopropellant/bipropellant TCA	1971
19720073470	An investigation of the ratio between stand-by and operating part failure rates	1971
19720073471	Sonobuoy plastic launcher development	1971
19720073476	Circuit detail modeling of the airlock module transmitter	1971
19720073501	Gas-gun plate-slap testing at the Naval Ordnance Laboratory	1971
19720073502	TF34-GE-2 engine qualification. Atmospheric water ingestion test	1971
19720073507	Production engineering measure for hybrid quartz filters 10 MHz to 30 MHz	1971
19720073508	An analytical method for predicting deformation of a reactor containment system on impact with a flat rigid surface	1971
19720073510	Annual Report, 1 September 1970 - 31 August 1971	1971
19720073512	Remote Raman detection study instrument	1971
19720073513	Metallurgical investigation of the failure of components from forward (MK74) and Aft (MK75) missile handling bands	1971
19720073514	Failure mode, effects, and criticality analysis of the Scout Guidance and Control subsystem for Vehicles S-140 through S-177	1971
19720073516	Requalification of G. E. silicone primer No. SS4155	1971
19720073520	Component parts evaluation report	1971
19720073521	Final test report for microwave capacitor	1971
19720073522	Final test report for feed-thru filter	1971
19720073523	A study of head and eye movements whilst performing combined primary and secondary tasks	1971
19720073524	Pressure distributions at M sub infinity equals 3.51 and at high incidences on four wings with delta planform	1971
19720073525	Measurements of the drag of excrescences immersed in turbulent boundary layers at Mach numbers between 0.2 and 2.8: Circular holes	1971
19720073526	The use of injector units for engine simulation on wind tunnel models at high speeds	1971
19720073528	A study of dynamic aerolastic effects on the stability control and gust response of a slender delta aircraft	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073530	The effect of small conical thickness distributions on the separated flow past slender delta wings	1971
19720073531	Handling trial of the Dennis-Mercury tractor Mk 1A	1971
19720073532	The off-design analysis of flow in axial compressors	1971
19720073533	Simulated crash fire tests as a means of rating aircraft safety fuels	1971
19720073534	Integrated seismic research signal processing system	1971
19720073535	Airworthiness and flight characteristics test CH-47C helicopter (Chinook) performance	1971
19720073546	Production engineering measure for mechanized production and test equipment for time setting potentiometers (cermet and conductive plastic)	1971
19720073555	Limited flight evaluation of an F-4E with leading edge slats, with and without TISEO	1971
19720073556	Production engineering measure: Solid encapsulated semiconductor devices	1971
19720073562	Production engineering measure for beam lead tantalum thin film capacitors	1971
19720073563	Human engineering evaluation of the automated technical control (semi) subsystem in the East Coast Telecommunications Center at Fort Detrick, Maryland	1971
19720073573	Special evaluation of ARSR-1B-A conducted at Vandenberg AFB, California	1971
19720073581	Fallout gamma-radiation instrumentation system	1971
19720073582	Initial production test of radio set AN/GRC-103	1971
19720073583	Dynamic response index modulation for personnel escape systems	1971
19720073584	Computer approximation for the runaway escapement in varying torque environments, M125A1 and M125A1E3 boosters	1971
19720073587	Direct control system for the process and fabrication laboratories	1971
19720073589	Capacitor, fixed ceramic, T. C.	1971
19720073592	Production engineering measure for subminiature low voltage ceramic capacitors CKR 12 style, 33000 PF plus or minus 20 percent, 25 VDC	1971
19720073601	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS) physiological verification study, phase B	1971
19720073603	Saturn ground computer complex program organization system index	1971
19720073604	Improvement of reusable surface insulation (RSI) materials	1971
19720073605	Urban development applications project	1971
19720073607	The solar atmosphere and the structure of active regions	1971
19720073608	POST: Program to Optimize Shuttle Trajectories, addendum to volume 2	1971
19720073620	Theoretical investigation of the constitution of the moon and planets	1971
19720073627	Investigation of near-critical vortex flow	1971
19720073632	Thermal and thermoelastic analyses of high-energy aircraft brake system	1971
19720073634	Design and development of a brushless, direct-drive, solar array reorientation system, phase 2	1971
19720073636	Metal tank fracture and design criteria	1971
19720073638	Small Astronomy Satellite SAS-B and C reliability assurance program plan	1971
19720073650	Testing of neoprene sponge used on Q-ball cover	1971
19720073652	Winton Products Company, Incorporated Sherlock 5-second leak detector fluid	1971
19720073653	Expansion joint (bellows) liners from the low pressure GN2 environmental control system	1971
19720073654	Qualification test report, Potter and Brumfield relay HCB-4000	1971
19720073655	Parker Seal Company elastomer compound no. 77-545, batch no. 102610	1971
19720073656	Evaluation of burst discs used on cosmodyne cryogenic hydrogen samplers	1971
19720073657	Solenoid valve, Marotta Valve Company P/N 806097, NASA P/N 75m08823-4	1971
19720073658	J. C. Carter solenoid valve, P/N 6969-7: Suspected flow reaction	1971
19720073660	Marotta 3 way, 2 position NC solenoid valve, VPN 806203-1, model PVM526B-1A	1971
19720073662	Residual strength of cracked stiffened panels	1971
19720073663	Electrical power distribution and essential cabling for support facilities to event dial pack 1970	1971
19720073673	Multispectral scanner data redundancy study	1971
19720073674	Quarterly Progress report, 2 September - 2 December 1971	1971
19720073681	Snow cover data, Canada: Winter 1970 - 1971	1971
19720073683	Steady displacements of moorings produced by ocean currents	1971
19720073684	Special purpose utility programs for use with the IBM 1800 computer	1971
19720073685	Heat transfer by free convection in a horizontal fluid layer with volume heat source. Part 2: Convection mechanism	1971
19720073686	Unsteady reaction waves	1971
19720073687	Investigation on the vertical distribution of radon decay products in the troposphere by aircraft measurements with application to the vertical eddy diffusion	1971
19720073688	Arctic summary: A semiannual summary of meteorological data from the joint Arctic and other weather stations on the Arctic Islands, January - June 1971	1971
19720073690	Bath and step acclimatization to heat	1971
19720073691	Cycle testing of graphite filament-wound pressure vessels	1971
19720073695	Cryogenic research and development	1971
19720073698	A study of X-ray emission from galactic and extragalactic sources with emphasis on soft and ultra-soft wavelengths	1971
19720073699	High altitude radiation measurements	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073700	Studies of the development of stress mechanisms	1971
19720073714	Determination of contamination character of materials in space technology testing	1971
19720073721	Preliminary measurements on heat balance in pneumatic tires	1971
19720073724	Oceanographic observations in the Indian Ocean west of Sumatra. CS Cable enterprise, February - March 1967	1971
19720073725	The ACMRR/SCOR/ACOMR/GESAMP joint working party on Global Investigation of Pollution in the Marine Environment (GIPME)	1971
19720073726	The relationship of oxygen uptake and body temperature in man in acute and severe hypoxia	1971
19720073727	Experimental and theoretical investigation of the decompression problem	1971
19720073731	Systems analysis of amphibious landing craft: A comparison of landing craft and helicopter performance in amphibious assaults	1971
19720073732	The reduction of infrared radiation from Army helicopter engines	1971
19720073737	Installation survey for installation of the AN/APN-194(V) electronic altimeter set in the A-6E, EA-6B, A-7E, F-14A, P-3C and TA-4J aircraft	1971
19720073740	Production engineering measure for solid encapsulated semiconductor devices, volume 2	1971
19720073762	The development of the Navy readiness analysis methodology, volume 1, chapters 1-7 (U)	1971
19720073800	Air augmented rocket combustion program. Volume 2: Coaxial mixing and combustion (U)	1971
19720073801	Air augmented rocket combustion program. Volume 3: Test facility comparison and verification (U)	1971
19720073802	Air augmented rocket combustion program. Volume 4: Appendices (U)	1971
19720073810	Research on natural and ferromagnetic nonlinearities, volume 1 (U)	1971
19720073814	Supersonic inlet investigation. Volume 1: Summary report (U)	1971
19720073817	Ballistic predictions for mass-augmented solid rocket motors (U)	1971
19720073819	Electromagnetic susceptibility tests of the AV-8A aircraft (U)	1971
19720073825	Development of a general purpose radar signal processor: Signal processing tasks of the AN/TPS-59 (U)	1971
19720073826	Hybrid video tracker (U)	1971
19720073860	Missile adaptive identifier and autopilot study (U)	1971
19720073866	Report of flip ambient noise operations of April and August 1971 (U)	1971
19720073870	USAF prototype study (U)	1971
19720073871	Zero affinity photoemitter in an electrostatic PRT (U)	1971
19720073875	Evaluation of the BRF5/TNM/MHF-3 propellant system (U)	1971
19720073883	Covert night photographic system for the RA-5C aircraft (U)	1971
19720073888	Potential of automatic data-collection systems for AAW exercise analysis (U)	1971
19720073946	Visual detection of low altitude penetrators and coalitude interceptors in air defense: An application of the search model (U)	1971
19720074016	Analysis and evaluation of transition and turbulent heating data	1971
19720074017	Investigation of oxidation behavior of dispersion stabilized alloys when exposed to a dynamic high temperature	1971
19720074018	Development of Porcelain Enamel Passive Thermal Control Coatings	1971
19720074021	Index of Bellcomm reports issued 1 January - 30 June 1971	1971
19720074022	An Analysis of Lunar Surface EVA Capability	1971
19720074030	Hydrogen-oxygen catalytic ignition and thruster investigation	1971
19720074039	Guidance system operations plan for manned CM earth orbital and lunar missions using program colussus 3. Section 4: Operational modes, revision 17	1971
19720074046	A correction program for quantitative electron probe microanalysis	1971
19720074051	Apollo mission trajectory control program	1971
19720074052	Apollo program specification	1971
19720074053	RADC accomplishments FY 1971, volume 2	1971
19720074054	Skylab a weight and performance report, May	1971
19720074055	Skylab, a weight and performance report	1971
19720074056	Manned space flight management information	1971
19720074063	Skylab, a weight and performance report	1971
19720074064	Skylab, a weight and performance report, September	1971
19720074074	Radar techniques program, division 6	1971
19720074081	Development of materials and processes for filament wound MTV-1 cones	1971
19720074085	Observation of spontaneous mode locking in a high pressure CO2 laser with transverse pulse pumping	1971
19720074086	A model for fast Bloch-wall motions	1971
19720074087	Automation of cartography and its application to thematic maps	1971
19720074088	Status of Mk 88 (Poseidon) module testing	1971
19720074089	Temperature, shock test of status sensor switches, ATM	1971
19720074090	Status of Mk 88 (Poseidon) digital module testing	1971
19720074091	Status of Mk 88 (Poseidon) digital module testing	1971
19720074092	Status of Mk 84 (Polaris) module testing	1971
19720074094	Status of Mk 88 (POSEIDON) module testing	1971
19720074095	Kuka water projector technical description	1971
19720074097	Room temperature GaAs laser	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074099	Rocky Flats materials datasheets	1971
19720074100	Steady state cooling of sapphire neutrino finger	1971
19720074101	Metallization and pattern definition on the fracturable keying element (TOMAN program)	1971
19720074102	Development of carbon thermal insulation for the Materials Test Vehicle (MTV-1) program	1971
19720074103	Attempts to correlate the HMC 3-mil wire bond failures with environment	1971
19720074104	Development of materials and processes for filament wound MTV-1 cones	1971
19720074111	SNOW: A two-dimensional SN program for solving the neutron transport equation in plane and cylindrical geometry	1971
19720074112	Micrographic studies of surfaces in the SA1463 radar transmitter tube	1971
19720074116	L-1011 full scale fail safe tests	1971
19720074117	DIDS development program	1971
19720074119	lasers for optical fibre systems GaAs	1971
19720074120	Study of a silicon target camera tube with orthicon read-out	1971
19720074124	Product improvement of a fail-safe electronic analog turn-on timer	1971
19720074125	Flight test report of a Doppler inertial navigation system	1971
19720074130	Inductor, variable, microelectronics	1971
19720074131	Griplet evaluation	1971
19720074132	Exploratory development of structural adhesives having improved toughness properties	1971
19720074133	Mini-grabs: A new airblast simulation concept	1971
19720074135	The use and properties of window functions in spectrum analysis	1971
19720074138	Vibration testing guide	1971
19720074140	Stress corrosion tests for aluminum alloys	1971
19720074141	Structural test and failure analysis for the FB-111/F-111B boron-epoxy wing box extension	1971
19720074142	Sonar technology studies	1971
19720074145	Evaluation test report Q/E R-312. Paveway world-wide qualification, transistors	1971
19720074147	A human factors assesement of equipment interface problems associated with tank crewman protective equipment	1971
19720074148	The present and future of external memory control devices	1971
19720074150	Ablative plastic characterization in simulated motor exhaust	1971
19720074152	Category 2 all weather evaluation of the A-7D aircraft. Supplement 1, volume 1	1971
19720074154	Advanced form of oxygen supply system	1971
19720074156	The linear motor: Eddy currents in a thin conduction foil	1971
19720074160	Dynamic calibration of gas flowmeters	1971
19720074161	A high frequency data recording and analysis system	1971
19720074162	The effects of combined 0-G simulation and hypergravity on eggs of the nematode Ascarus suum	1971
19720074163	Theoretical topics associated with the injection laser	1971
19720074164	The properties of dislocation free silicon	1971
19720074165	Second order interactions in a steady pattern of multi-directional waves	1971
19720074166	Precision of stimulus-directed hypotheses in a magnitude estimation experiment	1971
19720074167	A study of the reaction kinetics of the CO2 gas laser	1971
19720074168	Tin-to-tin contact evaluation, status report	1971
19720074169	French aviation industry: A description	1971
19720074170	Flight trials of a "double" banner (30 ft. by 12 ft) towed target	1971
19720074172	The 1760 MHZ-1850 MHZ solid-state voltage controlled oscillator power amplifier and dc to dc power supply combination	1971
19720074175	Flow visualization and analytical research for the development of mathematical models in incompressible flow	1971
19720074176	Jovial J5.2 compiler and Jovial-NIPS interface	1971
19720074177	Conference on High Power Infrared Laser window Materials	1971
19720074178	Symposium on Investigations and Resources of the Caribbean Sea and Adjacent Regions	1971
19720074179	Evaluation of water for cooling infrared radiation suppressors	1971
19720074182	Development and evaluation of a combat SAR fast-fall hoist system	1971
19720074183	Incore thermionic reactor for the energy supply of space vehicles	1971
19720074185	Metallurgical evaluation of welded T-1 steel test specimens	1971
19720074188	Metallurgical evaluation of welded T-1 steel test specimens	1971
19720074191	Experiments in turbulent boundary layers with foreign gas injection	1971
19720074194	The effect of small conical thickness distributions on the separated flow past slender delta wings	1971
19720074195	Pressure distributions at M sub infinity equals 3.51 and at high incidences on four wings with delta planform	1971
19720074196	The Imperial College graphite heated hypersonic wind tunnel	1971
19720074197	Integrated engine instrument system	1971
19720074198	TF34-GE-2 engine qualification: Rocket gas ingestion test	1971
19720074200	Integrated engine instrument system, appendix 2	1971
19720074201	Tf34-GE-2 engine qualification: Alititude anti-icing test	1971
19720074203	Computer Measurements Corporation model 884 heterodyne converter (100 to 1100 MHz	1971
19720074205	Analysis and design of a breadboard visual tracker	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074207	The effects of boundary layer separation upon vehicle stability in the subsonic and transonic flow regimes: A review of recent literature	1971
19720074208	Development of parachute ejector, cartridge actuated, XM7	1971
19720074211	HF auroral backscatter study phase 2	1971
19720074212	Production engineering measure for optical integrators, optical windows and projection lenses for laser diode arrays	1971
19720074217	Advanced tactical inertial guidance system study. Volume 2: Strapped-down computations	1971
19720074219	Limited flight evaluation of an F-4E with fixed leading edge slats (Agile Eagle 4)	1971
19720074220	Stabilization and control equations of V/STOL rotary wing vehicles	1971
19720074221	Wind tunnel tests and evaluation of a flare fuze FMU-86/B	1971
19720074223	Time domain measurement of microwave absorbers	1971
19720074224	Secure regenerative repeater (HYL-X)	1971
19720074225	Geodetic connection Corsica-continent	1971
19720074227	IMB's CSMP model of the C/PA transmitter module	1971
19720074239	Determination of mechanical properties of wire	1971
19720074241	Diffusion techniques for integrated circuits	1971
19720074245	Performance testing of a methanol fuelled hydrogen generator	1971
19720074246	Dielectric, piezoelectric and pyroelectric properties of the lead metaniobate-barium niobate system	1971
19720074249	Small vehicle dynamics study 2: Volume 1: Cross hatch studies data survey and data processing	1971
19720074250	Small vehicle dynamics study 2. Volume 2: Cross hatch studies theory, correlation and criteria	1971
19720074267	Air Force manufacturing methods program 1971 annual report. Volume 2: Proposed projects - FY 72	1971
19720074268	High strength, high modulus graphite fibers	1971
19720074278	Retrospective windowing of averaged power spectra	1971
19720074279	Search for radioprotective compounds. Part 10: Confirmation of the radiation protection afforded by methyl (2-aminoethylthio)glycolate hydrochloride	1971
19720074280	Search for radioprotective compounds. Part 11: The effect of the combination of cysteamine, para-aminopropiophenone and S-2-(4-aminobutylamino)ethyl phosphorothioate on seven and thirty day survival of irradiated mice	1971
19720074281	Chile 70 cruise	1971
19720074282	Ice observations 1968: Eastern Canadian seaboard	1971
19720074283	British Columbia inlets and Pacific cruises 1970	1971
19720074285	N.C. Marcel Bayard Cantat 2 ocean survey cruise report, June-August-September, 1971: Bathymetric and magnetic traverses across the north Atlantic	1971
19720074286	Solution of a stationary Fokker-Planck equation	1971
19720074287	A note on the problem of reversibility of mathematical models	1971
19720074288	Predictions of temperatures in snow-free sea ice with hourly changes in atmospheric heat fluxes	1971
19720074289	Calculations of transducer output voltages and surface scattering strengths from under sea ice: A FORTRAN 4-H program CLAM	1971
19720074291	Approximation of the probability density function for a phase locked loop	1971
19720074292	Neutrally buoyant floats. Serial no. 120 - 139, July 1961 - August 1963	1971
19720074293	Monthly record: Meteorological observations in Canada, August 1971	1971
19720074295	Salinity calculations from "in situ" measurements	1971
19720074296	The bath and step method of acclimatization to heat	1971
19720074297	A linear dilatometer for use with polymeric materials	1971
19720074302	Radioisotopic power generators of the US Navy, volume 5, nos. 3 and 4	1971
19720074303	Crew protective armor system test program. Volume 1: Ballistic testing of an F-89J aircraft	1971
19720074305	F-AUTOCHART	1971
19720074307	RRS Discovery cruise 41 report, 9 August - 19 September 1971. Physical oceanography	1971
19720074308	Combat nutrition: The effects of a restricted diet on the performance of hard and prolonged physical work	1971
19720074309	Visual search for simple geometric figures: The effect of target noise similarity	1971
19720074310	A simple walk test of physical working capacity	1971
19720074311	Waves at North Carr Light Vessel, off Fife Ness	1971
19720074312	Failure mode, effects, and criticality analysis of the Scout Radar Beacon subsystem, vehicle configuration S-163 and subsequent	1971
19720074338	Future manned program support study, volume 2	1971
19720074340	Increasing the wear resistance of vulcanized rubber	1971
19720074341	Investigation of radiation-induced defects in silicon P-N junctions	1971
19720074345	Production engineering measure for field effect, metal-oxide, semiconductor, cascode, 100 MHz	1971
19720074350	Characteristics and possibilities of the large sonic Modane-Avrieux wind tunnel	1971
19720074351	Frequency doubled neodymium laser	1971
19720074352	J65 product support program	1971
19720074358	Test set, infrared detecting set AN/AAM-38	1971
19720074362	Project Sand (phase 3): Analysis of remote sensor imagery of selected areas in the Mississippi Delta	1971
19720074363	Aural detection by passive sonar	1971
19720074364	Spray tank unit, aircraft, PAU-8/A	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074365	Design and development of impact instrumentation package	1971
19720074366	Production engineering measure for ion-implanted integrated circuits	1971
19720074368	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage	1971
19720074370	Basic semiautomatic flight operations center	1971
19720074377	Close air support missile guidance and control study. Volume 1: Six-degree-of-freedom simulation	1971
19720074378	Close air support missile guidance and control study. Volume 2: Three-degree-of-freedom simulation	1971
19720074379	Program PLBIII	1971
19720074380	Installation survey for installation of the AN/APN-194 (5) electronic altimeter set in the A-6E, EA-6B, A-7E, F-14A, P3C and TA-4J aircraft, addendum 1	1971
19720074382	Seek flex preliminary design study system/design trade study reports. Volume 1: Trade studies	1971
19720074383	Seek flex preliminary design study system/design trade study reports. Volume 2: Appendix	1971
19720074386	Wide angle, infinite depth of field optical pickup for visual simulation	1971
19720074401	Dragon weapon system desert high temperature solar radiation test	1971
19720074403	Test set, resolution AN/AAM-30	1971
19720074404	Failure analysis of an integrated circuit amplifier	1971
19720074405	Production engineering measure for solid encapsulated semiconductor devices, volume 1	1971
19720074408	Proton energy spectra in the auroral zone morningsector from direct measurements by means of a rocket experiment	1971
19720074409	Investigations of the properties of an aspiration probe (Gerdien-Condensor) for concentration and mobilities of charged carriers of both signs in the height interval	1971
19720074411	Development of a novel component to be used as a bistable switch	1971
19720074413	A propellant feed system for ion thrusters	1971
19720074414	Telemetry system for burn injury assessment	1971
19720074415	Fog occurrence at Prince George Airport British Columbia	1971
19720074416	Solaren wind influence of a plasma probe with an aperture field on the particle density measurement in the solar wind	1971
19720074417	The AZUR experiment EI 101 for measurements of omnidirectional particle fluxes: Construction and physical properties	1971
19720074418	Development of special electrodes for thermionic converters	1971
19720074419	Numerical calcuation of rotationally symmetrical arc heaters and plasma jets	1971
19720074426	Microelectronic device, integrated circuit, operational amplifier	1971
19720074433	Development of temperature compensated zener diodes	1971
19720074436	Check test of parachute, reserve, personnel, troop chest, ballistically deployed	1971
19720074437	Production engineering measure for improved reliability of mica transmitter capacitors	1971
19720074440	Performance tests and evaluation studies of a frequency controlled individual electric wheel drive system	1971
19720074441	Annual progress report 1971	1971
19720074443	Hose assembly, metal-booster fuel start system	1971
19720074446	Component parts evaluation report: Resistor, fixed metal film, precision, molded, .25 watt	1971
19720074447	Production engineering measure for electronic quality assurance test equipment, automatic (EQUATE)	1971
19720074448	MIC module developments for advanced microwave communications techniques study	1971
19720074450	Report Q/E R-312, evaluation test report, transistors, paveway world-wide qualification	1971
19720074451	Cable assembly set, electrical MX-8408/AAS-24	1971
19720074452	Evaluation test report Q/E R-312. Paveway world wide qualification transistors	1971
19720074453	Inorganic dielectrics research	1971
19720074456	Wheeled vehicles as potentially hazardous noise sources. 1: Physical acoustical data and TTS associated with the operation of the M561/M792 vehicle	1971
19720074458	Microcircuit bond screening study	1971
19720074461	Shillelagh missile aft cap ejection evaluation	1971
19720074462	Program for Automated Cost Estimating (PACE)	1971
19720074464	Evaluation of operations and marginal costs of MAST alternatives	1971
19720074465	The fps sec vidicon	1971
19720074467	Pollutants and pollution control for the Agena rocket engine	1971
19720074468	Reinforced cutouts in graphite composite structures	1971
19720074470	An analysis of modification development through materiel improvement projects	1971
19720074472	Failure analysis on slip ring assembly	1971
19720074473	Failure analysis of an indicator light	1971
19720074474	Failure analysis on a 2 position switch	1971
19720074475	Report of test on reactor, power inductor, high voltage, 373135, Robert M. Hadley Company	1971
19720074479	Digital airborne data system	1971
19720074480	Launcher and age stress analysis, Athena H.	1971
19720074481	Failure analysis of an encoder driver	1971
19720074487	Assessment of thermal hazard from MEW type ejection seat firing 3 June 1971	1971
19720074488	Failure analysis of a zero voltage switch	1971
19720074489	Comparison of the surrounding temperature field around the VJ 101 C-X-2 with 1:10 model studies at exhaust temperatures up to 250 degrees under V/STOL conditions	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074490	Determination of advanced missile defense data processing requirements. Volume 1: SAFDK-MECK validation	1971
19720074495	Failure analysis of an integrated circuit amplifier	1971
19720074497	Production engineering measure for sealed beam xenon lamps	1971
19720074498	Investigation of equipment and procedures of measuring the oxidation-corrosion characteristics of synthetic oil	1971
19720074502	Development of repair and reprocess coatings for air-cooled nickel alloy turbine blades	1971
19720074503	Development of silicon carbide whiskers	1971
19720074506	Basic semiautomatic flight operations center. Design plan supplement	1971
19720074509	Turam modeling: Veins of finite length in a conductive half space	1971
19720074513	A FORTRAN computer program for determining drag coefficients	1971
19720074531	Connector, coaxial, SMA type	1971
19720074533	Curing of varnish	1971
19720074534	Curing of epoxy adhesive	1971
19720074535	Qualification of Kester 281	1971
19720074536	Diode, Light Emitting (LED) GaAsP, Monsanto MV-4, high temperature life test	1971
19720074537	Photocell, cadmium selenide (CdSe) Vactec number 21K376 (UT900 package and type 1 material) high temperature life test	1971
19720074538	Capacitors, electrolytic, aluminum foil, axial lead, metal case, Sprague type 500D	1971
19720074539	Capacitors, fixed, Mylar	1971
19720074540	Hecon counters life test	1971
19720074541	Failure analysis of a diode mixer	1971
19720074542	Failure analysis of a MOS/FET transistor	1971
19720074543	Failure analysis of bidirectional triode thyristor	1971
19720074544	Failure analysis of a gun sight control rheostat	1971
19720074545	Failure analysis summary of capacitor, fixed	1971
19720074558	Annunciators, illuminated	1971
19720074559	Switches, rotary-45 deg, detent, sealed	1971
19720074561	Wire-wound power resistors	1971
19720074562	HF shipboard antenna system design and utilization criteria	1971
19720074563	Transistors: Field effect, N-channel, quad	1971
19720074566	Failure analysis of resistor, wirewound	1971
19720074568	Ship Aircraft Systems integration (SASI). Beartrap/harpoon/rest prototype program plan	1971
19720074569	Failure analysis of a gyro preamplifier module	1971
19720074570	Failure analysis of crystal controlled oscillator	1971
19720074578	Design studies for IFF transponder: Gunn diode	1971
19720074580	Weathering of acrylonitrile-butadiene-styrene terpolymers. Part 3: Assessment of the stability of a range of natural and pigmented resins to outdoor weathering by an infra-red spectroscopic method	1971
19720074581	A KDF9 program to calculate the flow past a body of arbitrary shape: Additions and ammendments	1971
19720074582	Improvement in planar microwave devices	1971
19720074586	Growth of CdS single crystals for acoustico-electric studies	1971
19720074587	Canadian upper air data	1971
19720074590	A simple method of evaluating the permeability of micron filter elements	1971
19720074591	Annual report, 1970	1971
19720074602	Antenna in a waveguide partially-filled with plasma	1971
19720074603	Development of a position sensitive X-ray detector for use in a light weight X-ray diffractometer	1971
19720074604	Hydrogen and helium velocities in the solar wind	1971
19720074605	Experimental study of the thermal conductivity on liquid saturated metal wicks	1971
19720074642	Post-program to optimize shuttle trajectories. Volume 2: Utilization manual	1971
19720074643	General technical instruction on the use, conservation, and maintenance of material, fuel, lubricants, and special products used by the Air Force and the Navy. Volume 2: Memorandum to personnel handling petroleum products	1971
19720074644	Seek flex preliminary design study. Volume 2: Data processing and display requirements	1971
19720074645	Seek flex preliminary design study. Volume 3: Preliminary implementation plan and life cycle engineering cost estimates	1971
19720074647	A study of the coaxial-submerged free jet	1971
19720074653	Category 2 all-weather evaluation of the A-7D aircraft. Supplement 1, volume 2	1971
19720074654	Integrated engine instrument system, appendix 1	1971
19720074655	Integrated engine instrument system, appendix 3	1971
19720074656	X-ray cross section compilation from 0.1 keV to 1MeV. input data and supplemental results, volume 2, revision 1	1971
19720074657	The mechanisms of fatigue. Part 1: The effect on grain size on fatigue, preliminary results, 341	1971
19720074659	Einstein-Rosen matter	1971
19720074663	Validation of the cosite analysis model (COSAM) for selected UHF AM equipments	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074665	Subsonic unsteady aerodynamics for general configurations. Part 1, Volume 2: Computer program H7-wc.	1971
19720074666	SSC/IMA material control study NAS North Island	1971
19720074667	Carrier containerization concept study	1971
19720074668	Carrier containerization concept study: Appendix, volume 1	1971
19720074678	Monopropellant/bipropellant TCA	1971
19720074690	Some photometer results obtained on the NASA 1969 airborne auroral expedition	1971
19720074695	Seek flex preliminary design study. Volume 1: System design and rationale	1971
19720074696	Production engineering measure for solid encapsulated semiconductor devices, volume 3	1971
19720074709	Apollo-Saturn test and checkout plan. Volume 2: Saturn 5 launch vehicle AS-511 flow plan and listings	1971
19720074716	A comparison of wing pressure distributions measured in flight and on a wind tunnel model of the super VC.10	1971
19720074717	The development of forging techniques for beryllium	1971
19720074718	Report of test on reactor, power inductor, 2 MH, 17A, 154111, Pacific Instrument Company	1971
19720074719	Report of test on transformer, Power, high voltage, 373217, R. M. Hadley Company	1971
19720074727	The Nimbus 4 data catalog. Volume 4: 1 September - 31 October 1970, data orbits 1957 - 2775 and Interrogation, Recording and Location System (IRLS), balloon tracking experiment data from launch through 27 March 1971	1971
19720074729	The James Franck Institute	1971
19720074733	Failure analysis of a relay	1971
19720074734	Failure analysis of relay, non-latching	1971
19720074735	Evaluation of: Leach time delay relay	1971
19720074736	Microelectronic device, integrated circuit, high-speed NAND gate	1971
19720074737	Microelectronic device, integrated circuit, positive NAND gate	1971
19720074740	Feasibility study of the applicability of certain direct energy conversion processes to fuze energization	1971
19720074745	Research and development on vertical/short takeoff: The Aladin 2 program	1971
19720074746	Analysis of sintered metal samples	1971
19720074747	A new look at quality assurance evaluation of plastic foams	1971
19720074748	Thermal shock (minus 320 F to plus 127 F) test on RNR55 resistors	1971
19720074751	Environmental qualification test report MEBIS board	1971
19720074754	Microelectronic device, integrated circuit H-speed positive NAND gate	1971
19720074761	Electron beam flow field analyses in the AFFDL two foot electrogasdynamics facility	1971
19720074774	Power supply for gated magnetic tubes	1971
19720074775	Category 2 desert test of the HH-53C helicopter	1971
19720074782	AERCAB parawing deployment and articulation flight tests	1971
19720074784	Fragment lethality against vacuum tube circuits and components	1971
19720074786	Development of a silicone base hydraulic fluid for use in naval aircraft	1971
19720074789	Counterinsurgency reconnaissance target analysis	1971
19720074790	Production engineering of Nd YAG laser rods for laser illuminator transmitters	1971
19720074792	Radio frequency isolators	1971
19720074795	Production engineering measure for multistage solid-state power amplifiers	1971
19720074797	An assessment of accelerated testing	1971
19720074798	Fabrication methods for TD nickel	1971
19720074799	Barrier film cooling study	1971
19720074800	Vulnerability and hardening hardness prediction for electronic components	1971
19720074801	Microswitch analysis and test	1971
19720074802	An analysis of F/RF-4 combat usage data	1971
19720074803	The use and control of the Kalman filter as applied to high speed rocket sled	1971
19720074814	Evaluation of phosphoric acid matrix fuel cells	1971
19720074816	Use of the RAE magnetic suspension system as a force balance	1971
19720074818	A single-pulse echo effect in a mirror plasma	1971
19720074821	Detailed test objectives for the long tank Delta launch vehicle spacecraft: HEOS-A2	1971
19720074835	Digital signal processor for IF sidelobe cancellation (U)	1971
19720074838	Flight test of the DIL navigation system (U)	1971
19720074840	Alternative configurations and tracker characteristics for angular-rate bombing systems (U)	1971
19720074843	Dual mode OCS/laser seeker, phase 1 (U)	1971
19720074852	Long range propagation experiments performed by Woops Hole Oceanographic Institution and Admiralty Underwater Weapons Establishment, May 1968 (U)	1971
19720074858	Project mesa data summary, 1970 (U)	1971
19720074860	Navy short range missile concepts: Gimbal angle, thrust vector control, short range missile (U)	1971
19720074862	Southeast Asia combat air reporting systems (COACT) (U)	1971
19720074870	NOD-LR R and D (U)	1971
19720074872	Mine detection by thermal imaging, fall 1970 tests (U)	1971
19720074875	Exploratory development of metra sidearms detector (U)	1971
19720074895	Engineering analysis tests of the Dragon antitank rocket (XM47) system (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075001	Earth orbital experiment program and requirements study, Volume 1, sections 1-6	1971
19720075002	Earth orbit experiment program and requirements study. Volume 2: Manned spaceflight capability (appendices A, B, C)	1971
19720075003	Earth orbital experiment program and requirements study. Volume 3: Space biology (appendices A, B, C)	1971
19720075004	Earth orbital experiment program and requirements study. Volume 4: Space astronomy (appendices A, B, C, D) and space physics (appendices A, B, C)	1971
19720075005	Earth orbital experiment program and requirements study. Volume 7: Supporting technology development requirement descriptions (appendix E)	1971
19720075006	Earth orbital experiment program and requirements study. Volume 8: Data management systems matrices, appendix F; instrumentation matrices and conceptual configuration drawings, appendix G; related biotechnology laboratory experiments, appendix H	1971
19720075011	A release mechanism with mechanical redundancy	1971
19720075013	Space shuttle launch operations center study	1971
19720075032	High power infrared laser window material (LQ-10 program)	1971
19720075037	Semiannual status report	1971
19720075039	The rheological testing of plastic explosive (PE4)	1971
19720075040	A study of the curing reaction of adhesive BSL 403 using differential scanning calorimetry	1971
19720075058	Research in space physics at the University of Iowa	1971
19720075059	Leak detector for space environment	1971
19720075062	Kubo conductivity of a strongly magnetized two-dimensional plasma	1971
19720075063	Investigation of digital adaptive control systems for aircraft and spacecraft	1971
19720075065	Experimental trials of a novel ECT drive system for a transonic windtunnel	1971
19720075070	Optimal and suboptimal methods of satellite surveillance for traffic control of transoceanic flights	1971
19720075073	Production engineering measures for hybrid circuit solid state front end	1971
19720075086	Seasonal variations of temperature and sound speed in Block Island Sound	1971
19720075088	The reliability problem of the human operator in engineering psychology problem	1971
19720075089	Thermal battery	1971
19720075090	Qualification of ten drive transformers P/N X2603938	1971
19720075097	Non-metallic materials process research analysis	1971
19720075100	Annual review, April 1970 - March 1971	1971
19720075103	Display design for a pneumatic analogue decompression computer	1971
19720075104	Chemical vapour deposition of metals	1971
19720075108	Ice observations 1969. Canadian inland waterways	1971
19720075111	Some comments on the mean winter temperature at Halifax, N. S.	1971
19720075118	Evaluation of two ballistically tolerant forward bell crank concepts for the CH-47 helicopter	1971
19720075119	Production engineering measure for digital electronic fuze timer XM587E2	1971
19720075120	Wideband exciter and processor, volume 1	1971
19720075121	Wideband exciter and processor, volume 2	1971
19720075122	Qualification of ten output transformers P/N X2603939	1971
19720075126	Weapon system 133B. Ten year aging and storage program wing 6 Minuteman. Second stage motors and components, program progress	1971
19720075127	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors	1971
19720075128	Evaluation of electronic specialty time delay relay	1971
19720075133	Fiber optic raster oscilloscope, type 1150	1971
19720075135	Relay, armature, magnetic latching, 2 pole double throw	1971
19720075136	Effect of extrusion variables on stretched 7075-0 extruded bar	1971
19720075137	Stresses in beam with varying edge fixity	1971
19720075139	Vibration and acoustic test criteria for captive flight of externally carried aircraft stores	1971
19720075143	Cost-effectiveness study of Standard Lightweight Avionics Equipment SLAE burn-in	1971
19720075144	Evaluation of new aircraft structural materials with the methods of fracture mechanics	1971
19720075145	Removal of cured epoxy adhesives and plastics with a laser	1971
19720075146	Parametric selection of navigation systems, with emphasis on systems requiring inertial navigation equipment	1971
19720075147	Production engineering measure for S-band 10-20 watt transistor	1971
19720075148	Laser mode control and nonlinear optics	1971
19720075149	Preliminary investigation of the effect of afterburning on base pressure	1971
19720075150	A remote controlled network of seismological stations using leased telephone circuits	1971
19720075151	Analysis of alternate ply cylindrical shells under internal pressure and thermal loading	1971
19720075153	The change in the energy gap of germanium induced by (111), (110), and (100) uniaxial stress	1971
19720075154	The Rayleigh-Taylor instability applied to liquid drops	1971
19720075155	Solution to Poissons equation for charge densities with azimuthal variation only	1971
19720075156	Quality assurance evaluation activities applicable to weapon instrumentation	1971
19720075157	HT2: A program to solve the unsteady conduction equation in one dimension for a two layer composite wall	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075158	Concentration dependent diffusion	1971
19720075159	Microelectronic device, integrated circuit, positive NAND gate	1971
19720075163	Developments of test methods for sub-zero gear lubricants	1971
19720075176	Special study for verification of normal beam technique for ultrasonic inspection of cannon tubes	1971
19720075180	Pressure switch, 9071-373	1971
19720075181	Qualification test, Raytheon part number 2887712-1	1971
19720075182	Qualification, magnetic amplifier	1971
19720075183	Model 775-21 conductivity-temperature-depth underwater sensor unit	1971
19720075184	Category 2 icing test of the HH-53C helicopter	1971
19720075185	Electro-optical simulation system. Volume 1: Phase 1 final technical report	1971
19720075186	Electro-optical simulation system. Volume 2: Appendixes	1971
19720075187	Electro-optical simulation system. Volume 3: Specifications	1971
19720075188	An improved version of the NUSC train of computer programs for transmitting sonar array prediction	1971
19720075191	Production engineering measure for 25 mm microchannel plate	1971
19720075192	Implementation study of modular cabinets concept for engine GSE	1971
19720075193	Rain erosion tests of fuze, MTSQ, M564 in simulated rain, series 5	1971
19720075195	Tow weapon system reliability confidence tests for the TOW missile light source, second source contractor	1971
19720075196	Experimental cloud backscatter measurement at 0.9 micron	1971
19720075213	Development of 40 mm multiple projectile cartridges utilizing a unique low pressure ballistic system	1971
19720075214	A study of Surface Effect Ship (SES) craft loads and motions. Part 4: System identification of SES dynamics and parameters	1971
19720075220	Evolution of the data proliferation problem within major Air Force acquisition programs	1971
19720075221	An analysis of the economic benefits received by the airline industry from prior military training of airline pilots	1971
19720075226	A study of Surface Effect Ship (SES) craft loads and motions. Part 1: Equations of motion of SES craft with six degrees of freedom	1971
19720075229	Design formulation and analysis of an active landing gear. Volume 2: Computer programs	1971
19720075233	Optimal tracking systems for advanced field site facility, volume 1	1971
19720075234	Optical tracking systems for advanced field site facility. Volume 2: Appendices	1971
19720075236	Production engineering measure for hybrid integrated circuits for fuze applications. Part 1: Integrated arming and firing circuit. Part 2: Precision oscillator integrated circuit	1971
19720075241	Advanced targeting study, phase 1F. Volume 6: Effectiveness of space programming language for flight and ground programs	1971
19720075243	SES motions and loads program user's manual	1971
19720075244	A study of Surface Effect Ship (SES) craft loads and motions. Part 2: Habitability and maneuverability of SES craft	1971
19720075245	A study of surface effect ship (SES) craft loads and motions. Part 3: Wave induced bending moments and loads on SES craft	1971
19720075251	Quality assurance briefs	1971
19720075252	Quality assurance briefs	1971
19720075253	Quality assurance briefs	1971
19720075254	Quality assurance briefs	1971
19720075255	Quality assurance briefs	1971
19720075256	Quality assurance briefs	1971
19720075257	Quality assurance briefs	1971
19720075261	Final report to Naval Ship Research and Development Center	1971
19720075262	Production engineering measure for precision resistor ladder networks, film type	1971
19720075267	Future Undergraduate Pilot Training (UPT) study	1971
19720075274	Microbiological performance testing on the water management sub-system for a four-man space capsule	1971
19720075275	Investigation of the difficulties associated with the use of lead telluride and other II - VI compounds for thin film thermistors	1971
19720075283	Investigation of techniques for determining damping characteristics of large flexible spacecraft undergoing small amplitude oscillations	1971
19720075289	Project Bogus: A concept for loitering visually-guided, smoking ordnance	1971
19720075292	Development of flight dryer assemblies	1971
19720075296	Mass transport contamination study	1971
19720075298	Growth of single crystals by vapor transport in zero gravity environment, ground based experiments	1971
19720075299	Improved simulation techniques in turbopump rotating assemblies	1971
19720075309	Compiler design for ILLIAC 4	1971
19720075311	Evaluation of absorption cycle for space station environmental control system applications	1971
19720075314	Apollo experiment definition study, phase 2	1971
19720075316	Fluid dynamics in flexible tubes	1971
19720075317	Life test type NPO ceramic chip capacitors	1971
19720075318	Calibration and operations procedures acoustic measuring system MSOB altitude chambers	1971
19720075324	Effect of the ground on antenna patterns in the shortwave range	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075327	Ships supply support study	1971
19720075329	Friction and wear properties, in liquid sodium and vapour, of some component materials of PFR handling mechanisms	1971
19720075331	Comparison between predicted loadings from witches brew and an AWRE hydrodynamics code	1971
19720075332	Dental and medical applications of thermal neutron radiography	1971
19720075333	Survey-models/systems for base development requirements	1971
19720075337	Diffusion and transport of contaminants in turbulent shear flow	1971
19720075338	Principal processes in the radiolysis of gases by high energy electrons and fission recoils	1971
19720075339	Studies in radiation and hot atom chemistry	1971
19720075341	The cost/schedule control system criteria: A case study	1971
19720075343	Plant Loading Simulation (PLS) software program. Part 1: General description and user's manual	1971
19720075349	Some compatibility tests between rubber and sodium	1971
19720075351	The 1971 progress report for the experimental study of the structure of nuclei and the interactions of intermediate energy particles	1971
19720075353	Earth orbital experiment program and requirements study. Volume 5: Communication and navigation, appendices A, B, C	1971
19720075354	Earth orbital experiment program and requirements study. Volume 6: Earth observations. Appendices A, B, C	1971
19720075362	A supersonic investigation of aerodynamic stability for a series of configurations with longitudinally supported ring tails	1971
19720075445	Dynamic characteristics of a variable-mass flexible missile	1971
19720075448	Summary data package for the HEAO adjust stage and associated hardware definition	1971
19720075453	Instabilities in fissioning plasmas as applied to the gas-core nuclear rocket engine	1971
19720075456	NASA mission 105, flight 5	1971
19720075459	Goddard Space Flight Center support plan for HEAO data processing and mission control	1971
19720075470	BNL 1971 summer workshop on spectrometers	1971
19720075471	Theoretical modelling criteria for gas-entraining vortices in hydraulic structures	1971
19720075472	Effect of simulated B4C control rods on reaction rate distribution in assembly 7 with the high 240 plutonium zone	1971
19720075473	ZPR-6 assemblies 6A and 7: Benchmark specifications for the two large single core zone critical assemblies: U-235 fueled assembly 6A and plutonium fueled assembly 7: LMFBR demonstration reactor benchmark program	1971
19720075479	Banning design automation software implementation	1971
19720075480	Space station ventilation study	1971
19720075482	ATM C and D flight unit/DCDS fidelity assessment report	1971
19720075483	Diffraction of helium atoms from a tungsten (112) crystal surface	1971
19720075485	Internal insulation system development	1971
19720075486	Composite reinforced propellant tanks	1971
19720075487	Seal study	1971
19720075488	Drag coefficient variation during space tug aerobraking	1971
19720075490	Thermal coatings experiment for deployment with Apollo Lunar Surface Experiments Package (ALSEP)	1971
19720075495	Technical problems of fast reactors	1971
19720075505	An interdisciplinary approach to aerospace engineering education	1971
19720075510	Carbon dioxide retention during oxygen mask breathing at metabolically elevated ventilations	1971
19720075514	Pre-main sequence stellar evolution with mass loss	1971
19720075517	Skylab program: Experiments	1971
19720075519	White phosphorus operational shielding studies	1971
19720075521	Phase 1 study: Remote controlled high power switching devices	1971
19720075529	Measurements of the boundary layer and wake of two aerofoil sections at high Reynolds numbers and high subsonic Mach numbers	1971
19720075530	An experimental programmed contactor for use in electrical power systems	1971
19720075532	A comparison between two methods of analysis of oscillatory pressure measurements, one method requiring the use of a tape recorder	1971
19720075533	Calculation of the coefficients of cubical expansion of linear polymers	1971
19720075534	The removal of hydrogen from cadmium-plated steel	1971
19720075535	The lift and drag of blunt-nosed cone-cylinder bodies in Newtonian flow	1971
19720075536	Evaluation of an active electrostatic discharger mounted on the engine exhaust of a helicopter	1971
19720075537	The measurement and analysis of the profile drag of a wing with a slotted flap	1971
19720075538	Type approval tests on PPE ceria stabilised solar cell coverslips	1971
19720075539	Measurement of the internal performance of a rectangular air intake with variable geometry at Mach numbers from 1.7 to 2.5, part 1	1971
19720075540	A computer program to calculate the pressure distribution on an annular aerofoil	1971
19720075541	Some theoretical parameters relevant to the performance of rectangular air intakes with double ramp compression surfaces at supersonic speeds	1971
19720075542	Homogeneous gas-phase reactions of aluminium in flames	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075543	An exact test case for the plane potential flow about two adjacent lifting aerofoils	1971
19720075544	Some electrogasdynamic flows with curved streamlines	1971
19720075546	Optimum engine thrust deflection for high-speed cruising aircraft	1971
19720075547	Poly(fluoroethers) from alpha H, alpha H, omega H, omega H-perfluoroalkane alpha,omega-DIOLS. Part 3: The Williamson reaction of 2,2,3,3,4,4-hexafluoropentane diol with polyfluoroaromatic and polyfluoroheteroaromatic compounds	1971
19720075548	Thrust vector control of rocket engines by secondary injection: Design curves for gaseous and liquid injection	1971
19720075549	Gust loads on Comet aircraft	1971
19720075550	The influence of temperature on the wear of carbon fibre reinforced resins	1971
19720075551	The mathematical foundation for an integrated approach to the dynamical problems of deformable aircraft	1971
19720075580	An investigation of test to failure methodology	1971
19720075581	Modeling of the Integrated Tactical Air Control System (ITACS)	1971
19720075584	Synthesis of the internal impedances of a closed strain bridge with connection resistances	1971
19720075586	Qualification tests of heat exchangers	1971
19720075587	HDL WACS program development of a base mounted antenna system	1971
19720075589	Qualification of ten drive transformers P/N X2603938 submitted by Torotel Incorporated	1971
19720075590	Report of testing on capacitors, fixed paper dielectric for AMC part no. 11	1971
19720075591	UH-1N category 2 airframe and subsystems evaluation	1971
19720075597	Thermodynamic test results on two reusable orbiter configurations using the phase change paint technique	1971
19720075598	Qualification test report on diodes	1971
19720075599	Qualification test report on transistors. Semiconductors, transistors, fast switching, silicon, PNP, planar, metal can	1971
19720075625	Development of a solid chemical oxygen generator for military aircraft high altitude bail-out	1971
19720075628	Tactical operations assessment: Ropeval 3-71	1971
19720075631	Integrated seismic research signal processing system	1971
19720075632	Integrated seismic research signal processing system	1971
19720075639	Technical audit of VAAP PCP-88 computer system	1971
19720075640	Prediction of dose gradients and their effects on semiconductors	1971
19720075641	A fault tree representation designed for computer analysis	1971
19720075642	Degradation in the performance of antennas for seismic sensors caused by the presence of snow	1971
19720075643	Qualification test report on thyristor (controlled rectifier)	1971
19720075646	High power infrared laser window materials LQ-10 program	1971
19720075661	Relation of crack opening stretch and thickness contraction to R-curves for evaluating fracture toughness	1971
19720075666	Data review and prototype data banks for the Military Research and Development Center of Thailand. Appendix D: Documentation for the prototype computerized data bank	1971
19720075670	Ion implantation manufacturing processes for monolithic silicon circuits	1971
19720075672	Compositional analysis of ceramic samples	1971
19720075676	Infrared signatures of reconnaissance drones	1971
19720075678	Liquid metal embrittlement models. A critical assessment	1971
19720075679	Design and development of a cockpit selectable system	1971
19720075683	Exploratory research investigation of cross-field scan lasers	1971
19720075695	Test and evaluation of a tail-mounted ARA-50 sonobuoy location system for use in the P-3-C (U)	1971
19720075727	Seismic network studies (U)	1971
19720075737	Data supplement ATLAS/CENTAUR-27	1971
19720075739	Atlas/Centaur-26 Intelsat 4 (F3) flash flight report	1971
19720075755	Analysis of SHAPE payload for drop test inputs	1971
19720075762	Some univariate models in studying change	1971
19720075763	Sunshine detector	1971
19720075764	Errors in objective temperature forecasts for Ottawa	1971
19720075768	Canadian upper air data	1971
19720075770	Annual report	1971
19720075771	On the foundations of the method of matched asymptotic approximations applied to two meeting orthogonal boundary layers	1971
19720075772	The Shell 300 W hydrazine-air breadboard fuel cell system	1971
19720075773	Recovery strategy during temporary obscuration of a tracked target	1971
19720075774	Acquiring a target with an unlagged acceleration control system and with three lagged rate control systems	1971
19720075775	A review of the work in the United Kingdom on the fatigue of aircraft structures during the period May 1969 to April 1971	1971
19720075781	Wave climate of the Canadian Atlantic coast and continental shelf, 1970	1971
19720075788	UH-1N category 2 flying qualities evaluation	1971
19720075794	Qualification test report on transistors. Semiconductors, transistors, general purpose, silicon, PNP, planar, plastic enclosure	1971
19720075795	Qualification test report on transistors. Semiconductors, transistors, power, silicon, PNP, planar, metal can	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075796	Evaluation of the aerial target firing with A Tank 35 mm-A in the To dendorf in August/September 1969	1971
19720075798	UH-1N category 2 desert tests	1971
19720075806	Test and development of flight control actuation system components for military aircraft	1971
19720075819	Aggregation and interface design for inclusion of RANC-4 into the ABM-1 model	1971
19720075820	Missile and Munitions Evaluation (MAME-71)	1971
19720075823	At-sea operator performance of small submersible manipulators	1971
19720075829	Data review and prototype data banks for the Military Research and Development Center of Thailand. Appendix E: Relationship between incident reports and security force presence	1971
19720075834	Processing system associated with a coherent radar for measuring target distance and radial velocity	1971
19720075835	Advanced composite material study for millimeter wavelength antennas volume 1	1971
19720075836	Advanced composite material study for millimeter wavelength antennas. Volume 2: Environmental tests	1971
19720075843	Component evaluation report, filter, electrical, 400 cycles only	1971
19720075844	Component test report for engineering information, filter, electrical, 400 cycles only	1971
19720075848	Qualification test report on semiconductor, transistor, general purpose, silicon, PNP, planor, metal can	1971
19720075849	Filter radio frequency	1971
19720075851	Semiconductor device, diode	1971
19720075853	Component evaluation report, computer and recording elements	1971
19720075855	Dielectric properties of 3M EC2216 adhesive	1971
19720075856	The inverse complementary error function	1971
19720075857	Heat transfer by conduction and radiation	1971
19720075859	Diodes, Matched pair, Schottky barrier	1971
19720075860	Resistor network, metal film, precision	1971
19720075861	Relays, time delay	1971
19720075862	The use of fiber optics to bridge a high voltage interface	1971
19720075864	Qualification test report on transistors	1971
19720075866	Pressure switch, Meletron Corporation P/N 372-13S-246	1971
19720075871	Fabrication and instrumentation of an experimental passive radiative infrared detector cooler for spacecraft applications	1971
19720075876	Environmental qualification test report I/A pyro relay board assembly	1971
19720075877	Capacitors, Electrolytic, aluminum foil, axial lead, metal case, Sprague type 30D	1971
19720075878	Evaluation of miniature potentiometers	1971
19720075879	Integrated circuit-hexidecimal counter	1971
19720075881	Derating of carbon composition resistor	1971
19720075884	Hardware development proposal for the high energy cosmic ray experiment	1971
19720075886	Type 3, low pressure, folding sidewall expandable aircraft tire flight demonstration program	1971
19720075888	Production engineering measure for mechanized production and test equipment for time setting potentiometers (cermet and conductive plastic)	1971
19720075890	Measured weight, balance, and moments of inertia of the X-24A lifting body	1971
19720075891	Data review and prototype data banks for the military research and development center of Thailand, main report	1971
19720075892	Data review and prototype data banks for the Military Research and Development Center of Thailand. Appendix A: Administrative code systems	1971
19720075893	Data review and prototype data banks for the Military Research and Development Center of Thailand. Appendix B(1): Prototype manual data bank query system (sections 1-3)	1971
19720075894	Data review and prototype data banks for the Military Research and Development Center of Thailand: Executive study	1971
19720075927	Limited stability tests on Scout helicopter XP 189 fitted with a standard articulated rotor	1971
19720075933	Advanced V/STOL propeller technology. Volume 8: Control systems study	1971
19720075935	UH-1N category 2 climatic laboratory tests (appendix 3), volume 1	1971
19720075940	Notes on the use of charts for the design of vacuum shells	1971
19720075941	Operation and maintenance documentation for Tonopah computer RADAR CAL	1971
19720075942	Automated velocity gage calibration system	1971
19720075947	Slump tests on extreme pressure, corrosion inhibiting greases	1971
19720075949	Edison thermostats, P/N 393. Operating voltage amplitude effect on contact life	1971
19720075950	Marotta Valve Company solenoid valve, VPN 212783-1. Fuel system, Complex 39	1971
19720075951	Manual pressure regulator, Victor Controls, division of Circle Seal Corporation, P/N LR-31M-9003	1971
19720075957	Preliminary aerodynamic data on a quasi-two-dimensional jet flap model	1971
19720075960	On drawing smooth curves by computer. 1: A simple procedure for arbitrary data points	1971
19720075961	Report on the work at the International Meteorological Institute in Stockholm during the period 1 July 1970 - 30 June 1971	1971
19720075962	Energy budget study for Lake Ontario	1971
19720075963	The efficiency of stereo-topped gauges in a Manitoba Basin	1971
19720075964	Effect of variations in composition on physical properties of polybutadiene propellants at low temperatures	1971
19720075965	Encapsulation methods for electronic systems used in artillery projectiles	1971
19720076022	Construction and application of a simple high voltage, high current square wave generator	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076023	Automated laboratory short-pulse microwave system for mine detection	1971
19720076027	Qualification test report, leveling cylinder hose assembly, missile support group, manufactured by Preece, Incorporated	1971
19720076028	Qualification test report glass cloth epoxy pre-impregnated	1971
19720076029	Qualification test report resin/adhesive polyurethane, two-part, Coast Pro-Seal Company	1971
19720076030	C-3 foam wafer thermal/humid growth analysis	1971
19720076032	Individual acceptance test, for connector assembly	1971
19720076033	Evaluation of Jaxon Engineering Specialties Company condenser tube stretcher and tube puller unit and evaluation of stretched condenser and heat exchanger tubes	1971
19720076041	Signal processing techniques for sound ranging: Laboratory performance tests	1971
19720076046	Malfunction investigation, circuit breaker, Klixon, VPN D6761-1-10	1971
19720076050	Evaluation of leach relay model K-J2A	1971
19720076051	Magnetic particle testing: A system for establishing magnetic particle techniques	1971
19720076052	An acoustic emission system for monitoring structural integrity of complex configurations	1971
19720076053	The nonlinear equations of motion of a rotating flexibly connected two body space station	1971
19720076054	Component evaluation report: Semiconductor, diode, varactor, silicon diffused	1971
19720076060	Post test metallurgical evaluation of liquid propulsion positive expulsion system hardware	1971
19720076068	Investigation of tape-slip and tape-tuck phenomena associated with reeled-tape arresting-gear systems	1971
19720076069	Evaluation of National Semiconductor Corporation LM103 voltage reference circuits	1971
19720076070	Plastic encapsulated semiconductors, Third Annual Government and Industry Meeting	1971
19720076071	Comparative structural efficiency of advanced composites and metal compression panels	1971
19720076072	An evaluation of the quality conformance requirements for integrated circuits	1971
19720076073	ALERT briefs pertaining to problem areas of parts components, and materials	1971
19720076074	Application of fluidics to ground support systems	1971
19720076079	Influence of mechanical and thermal prestress conditions on ABM structures in a nuclear environment	1971
19720076080	Reliability analysis of critical thyristors	1971
19720076084	Production engineering measure for hydrazine fuel cells	1971
19720076090	Production engineering measure for hybrid quartz filters, 10 MHz to 30 MHz	1971
19720076097	Slump tests on AMOCO MIL-G-23549 grease applied over Sinclair jet-lube 8 grease	1971
19720076098	Nytronic capacitors from a printed circuit board, mission direction center communications, ULO, electrolyte leakage	1971
19720076099	Testing of Scape suit no. 523, S/N 29752. Arrowhead Products Division, Federal Mogul Corporation	1971
19720076100	Evaluation of used LOX pump oil (NU-TROL, Mark 2), Nu-Chem Industries, Sharpes, Florida	1971
19720076101	Foxboro relay, P/N L103KB, used in Foxboro signal programer, lox system, complex 39	1971
19720076102	Qualification and reliability test of Saturn S-1B stage servo actuator assembly 60C0005	1971
19720076106	Summary of component test results 1970	1971
19720076110	Qualification test report, Potter and Brumfield relays HL-4001, HLB-4000, and HLB-4003	1971
19720076111	Vacco dome loaded regulator, VPN VIE-10098. Internal leakage	1971
19720076112	Examination of plated pins, NASA part no. 76K30457-1, Saturn 5 service arms	1971
19720076113	Evaluation of corrosion on national electrical connector, VPN A2276-3	1971
19720076115	Laboratory study of sonic booms and their scaling laws	1971
19720076116	Thermodynamic properties of interstitial elements in the refractory metals	1971
19720076122	Theoretical and experimental investigations of collective microwave phenomena in solids	1971
19720076128	Mass spectrometry and inhomogeneous ion optics, summary	1971
19720076136	RF filter	1971
19720076137	Liquid flow switch	1971
19720076138	Indicator, digital display, LED illuminating	1971
19720076143	Maintenance kit, electronic equipment MK-1172/AAS-24	1971
19720076144	The gas chromatographic determination of isopropyl nitrate in slurry explosives	1971
19720076163	AIM system users guide	1971
19720076172	An analysis of amphibious cargo barge systems	1971
19720076175	Data review and prototype data banks for the Military Research and Development Center of Thailand. Appendix C: annotated bibliography of MRDC/RDC-T technical reports	1971
19720076176	Effect of alcohol on short term memory	1971
19720076177	A further study on predictive efficiency as a function of amount of information	1971
19720076178	Enhanced behavioral efficiency induced by cigarette smoking	1971
19720076179	Search rate as influenced by learning of order relations	1971
19720076180	A pilot study of EEG evoked potentials to relevant and irrelevant visual stimuli during concept learning	1971
19720076182	Critical meteorological conditions for maximum flow in the Pembina Valley above Entwistle	1971
19720076195	Some comments on land use data and the role of ERTS in land use classification	1971
19720076203	Investigation into flammability of S-1C printed circuit assemblies	1971
19720076217	Quality assurance briefs	1971
19720076218	Component evaluation report: Light source, electrical, incandescent, general, indicating	1971
19720076223	Rotornet design analysis, volume 2	1971
19720076245	Quality assurance briefs	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076246	Quality assurance briefs	1971
19720076250	A study of the San Vito dei Normanni Baker Nunn site with the ARL sky-quality meter	1971
19720076257	Extended interpolation in finite element analysis	1971
19720076258	Fuel tank inerting by fuel mist	1971
19720076259	The dynamics of deformable aircraft - A simple approach for engineers	1971
19720076262	On the conforming cubic triangular element for plate bending	1971
19720076264	The effect of an application of heat on the fatigue performance under random loading of a notched specimen of DTD 5014 (RR58) material	1971
19720076265	FORTTRAN subroutines for finite element analysis	1971
19720076266	Theoretical calculation of generalized forces and load distribution on wings oscillating at general frequency in a subsonic stream	1971
19720076267	The use of radiography in the nondestructive testing of composite materials	1971
19720076286	Investigation of techniques for modeling the structural characteristics of large flexible spacecraft undergoing small amplitude motion	1971
19720076299	Recognition times for temporally separated lists	1971
19720076300	The Imperial College graphite heated hypersonic wind tunnel	1971
19720076302	Microwave conductivity of slightly ionized gases	1971
19720076317	GEOS-A and GEOS-B intermediate arc calibration	1971
19720076326	Space shuttle mission and payload capture analysis (study 1): Review of study progress	1971
19720076338	Radar system design and analysis topics	1971
19720076352	Head-mount dynamic model for Nex-Gen candidate transducer element. Summary of MART FY 71 studies to evaluate transducer head mount concepts	1971
19720076354	MOBIL 1: A computer program for the determination of a 2x2 and NxN mobility matrix (including thickness effects) of a constant thickness disk. Addendum. MOBIL 2: A computer program for the determination of 4x4 and NxN mobility matrices and reduced 2x2 mobility, impedance and transfer matrices for a variable thickness disk. Addendum. MOBIL 3	1971
19720076355	Math modeling of the Bose sonar amplifier and spot checking of NUC modeling results	1971
19720076356	Composite math modeling theory and program formulation. sparse versus dense packed arrays (two brief studies)	1971
19720076364	Logistical reliability test of the CH-47C helicopter	1971
19720076366	Integrated Automatic Test System (IATS) for the undersea long-range missile system (ULMS)	1971
19720076370	Production engineering measure for an electron beam machine and microwave transistors	1971
19720076371	An analysis of selected design parameters for arctic surface effect vehicles	1971
19720076374	Materials parameters that govern the rain erosion behavior of polymeric coatings and composites at subsonic velocities	1971
19720076399	Model evaluation of the performance in surf of the Aerojet-General Corporation preliminary design for the AALC, C150-50	1971
19720076401	A bicycle ergometer for physiological and psychological studies	1971
19720076405	Integrated ablative and radiative heat shield panels and leading edges for high l/d reentry vehicles	1971
19720076406	Feasibility study to interface a map plotter with a loran C/D navigator	1971
19720076408	Feasibility investigations of a laminar rate sensor (LARS)	1971
19720076409	Digital mapping system concepts study	1971
19720076410	System 621B user equipment definition and experiment program for the US Army	1971
19720076415	High Efficiency linear SSB power amplifier	1971
19720076423	Penetration systems studies, 3	1971
19720076428	Long wavelength modulation techniques (10.6 microns)	1971
19720076430	Experimental installation to improve the characteristic of plane linear motors with mobile fields	1971
19720076437	Magnetostatic coupling of domains and of walls in ferromagnetic double films	1971
19720076442	Hydrological actuator for tactical weapon delivery control augmentation system	1971
19720076450	The production of fusion plasmas with lasers	1971
19720076464	Helicopterborne command and control communications central	1971
19720076469	Graphite fiber composites for deep submergence	1971
19720076470	Advanced penetration problems program	1971
19720076475	Signal processing techniques for sound ranging: Laboratory performance tests	1971
19720076476	HF interferometer and SSL system	1971
19720076485	Solid rocket structural integrity abstracts, volume 8, no. 3	1971
19720076487	Photomultiplier tube for efficient infrared detection	1971
19720076488	A study of the hypersonic near wake with argon injection	1971
19720076489	The Air Force COBOL compiler validation system (CCVS)	1971
19720076490	Charge coupled circuits	1971
19720076498	An analysis of Naval airspace usage. Project Blue Air	1971
19720076507	A novel rotation sensor based on measurement of the Brewster angle in a moving medium	1971
19720076508	Response calculations for forward light scattering aerosol particle counters	1971
19720076516	Model evaluation of the performance in surf of the Bell Aerospace Company Preliminary design for the AALC C150-50	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076519	Evaluation of an antifreeze corrosion test kit	1971
19720076520	UH-1 and AH-1 helicopter main rotor blade failure and scrap rate data analysis	1971
19720076522	Chemical propulsion newsletter, October 1971	1971
19720076524	Beryllium: Metal matrix composites compressor blade program	1971
19720076526	Solid rocket structural integrity abstracts	1971
19720076532	Extended range chemistry evaluation: Technical document review task	1971
19720076544	Battery charger PP-6309()/U	1971
19720076545	Battery charger PP-4126()/U	1971
19720076546	The tactical automatic digital switch and its impact on Army area communications	1971
19720076558	PP-6245()/U power supply, engineering development model	1971
19720076559	Evaluation of MICOM data links	1971
19720076563	Turbulent heat transfer measurements on a blunt cone at angle of attack	1971
19720076564	Extended range chemistry evaluation: Test chemistry A-101	1971
19720076565	Extended range chemistry evaluation: Test chemistry C-101	1971
19720076590	Quarterly Comprehensive Report, October - December 1971	1971
19720076591	Radome, antenna, and RF circuitry (RARF). Volume 3. Part 1: System test plan	1971
19720076592	Radome, antenna, and RF circuitry (RARF). Volume 5: Array element: Engineering critical component	1971
19720076593	Radome, antenna, and RF circuitry (RARF). Volume 7: System test results	1971
19720076594	Radome, antenna, and RF circuitry (RARF)	1971
19720076596	Pulsed electrical power flyer plate notes. Volume 1: Notes 1 through 12	1971
19720076597	Electromagnetic pulse theoretical notes. Volume 4: Notes 63 through 89	1971
19720076598	Electromagnetic pulse interaction notes. Volume 4: Notes 48 through 64	1971
19720076599	Electromagnetic pulse sensor and simulation notes. Volume 10: notes 121 through 126	1971
19720076604	Pulsed electrical power switching notes. Volume 1: Notes 1 through 6	1971
19720076605	UH-1N category 2 climatic laboratory tests (appendix 3), volume 2	1971
19720076606	UH-in category 2 climatic laboratory tests (appendix 3), volume 3	1971
19720076618	Advanced V/STOL propeller technology. Volume 10: Advanced propeller design	1971
19720076626	Beryllium wire-metal matrix composites program	1971
19720076627	Mass injection effects on wake transition and turbulence	1971
19720076631	Metallization burnout research at the United States Air Force Academy	1971
19720076634	Conductive, lusterless coatings for light metals	1971
19720076635	Development of ML-566 (XE-2)/AM high altitude balloon and provision of advanced development models	1971
19720076640	Evaluation of field and continuous in-line models of Complete Oil Breakdown Rate Analyzer (COBRA)	1971
19720076641	Electron attachment and thermodynamic studies of electrophilic compounds	1971
19720076644	Position expulsion: State of the art study	1971
19720076645	Compilation of exhaust plume flow mechanics theoretical/analytical tech briefs	1971
19720076646	Modular hydrazine-battery (bicells)	1971
19720076659	Sensitive thick film IF amplifier and discriminator	1971
19720076668	Performance evaluation of the S-3 aircraft with the baseline and a growth version of the TF34 engine (U)	1971
19720076671	Independent research and independent exploratory development: Annual report for fiscal year 1971 (U)	1971
19720076677	Low speed wind tunnel tests of a 3/4 scale unpowered fighter model with 45 deg swept wings, in and out of ground effect (U)	1971
19720076690	Facility measuring and hazards monitoring support of PTCR interface distributor measurement calibrations	1971
19720076692	All sky camera system	1971
19720076694	Operation and maintenance manual: Event data transmitter	1971
19720076696	Space shuttle recovery requirements (facility/flight hardware interfaces)	1971
19720076697	Operation and maintenance manual analog/PCM data transmitter	1971
19720076700	A program to perform a gyro test of general relativity in a satellite and develop associated control technology	1971
19720076730	JANNAF Mechanical Behavior Working Group, 9th Meeting 1970	1971
19720076733	Production engineering measure for zinc/air primary batteries	1971
19720076735	SCREEN SRI countersurveillance reconnaissance effectiveness evaluation model	1971
19720076749	The dynamic behavior of concrete	1971
19720076766	Category 2 performance and flying qualities tests of the HH-53C helicopter. Supplement. Cold weather hover performance	1971
19720076771	Survey of electron beam facilities capable of materials response research	1971
19720076776	Comprehensive list of microwave tubes, addendum	1971
19720076780	Digital mapping system study	1971
19720076786	Rolling contact tests to investigate the use of 350 maraging steel for bearing purposes	1971
19720076792	Triboelectricity during brittle fracture of an epoxy resin	1971
19720076794	Development of a nonlinear high power ceramic capacitor	1971
19720076796	A dc-electroluminescent flat panel display	1971
19720076798	Processable high temperature laminating resins	1971
19720076832	The determination of fluorides, volatile hydrocarbons and soot in the atmosphere	1971
19720076838	Annual report 2, 1971	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076842	Cross contour flow in jet streams	1971
19720076843	A diagnostic model for computing potential airframe icing	1971
19720076844	Automated forecast convective development charts	1971
19720076845	Canadian Upper Air Data, December 1971	1971
19720076847	Monthly bulletin: Canadian upper air data, November 1971	1971
19720076848	The role of 850/700 MB thickness in short-range prediction of heavy snow on the prairies	1971
19720076849	Monthly record: Meteorological observations in Canada, September 1971	1971
19720076850	Calculation of fire danger indices by computer	1971
19720076861	Evaluation of coated columbium alloys for burner applications	1971
19720076863	Test plan for AN/TPQ-27 IFF radar subsystem including test results	1971
19720076865	Metal pigmented thermal control coatings with high ratios of solar absorptance to infrared emittance	1971
19720076884	Manufacturing technology for materials, designs and fabrication of extrusion dies for hot extruding of steel and titanium structural sections	1971
19720076885	Directional VHF base station antenna	1971
19720076886	Evaluation of Monsanto MCS-1022A fluid as a replacement for general electric F-50 fluid MIL-S-81087	1971
19720076887	Developments in covert IR night aerial photo-reconnaissance	1971
19720076888	An investigation of simple target-tracking algorithms	1971
19720076890	AN/PPS-18 (XN-1) ultra reliable radar	1971
19720076891	The work of the automatic apparatus Lunokhod 1 has terminated after several months operation (TASS) and the lunar hike has been completed	1971
19720076893	Comprehensive list of microwave tubes	1971
19720076904	Semiannual status report, July - December 1971	1971
19720076923	HEUS motor technology demonstration program	1971
19720076936	Application of fluidics in the control of military vehicle propulsion systems	1971
19720076943	Raman shift laser study	1971
19720076948	O2/H2 advanced maneuvering propulsion technology program, engine system studies. Volume 2: 25000-pound-thrust bell engine configuration design and analysis	1971
19720076955	Prototype 1.06 micron image intensifier	1971
19720076962	Air defense analysis	1971
19720076966	Advancing blade tip machmeter evaluation	1971
19720076975	Production engineering measure for 18mm microchannel wafer image intensifier tube (U)	1971
19720076976	Evaluation of the conformal carriage design on the performance and basic static longitudinal stability and control of the F-4 aircraft (U)	1971
19720076992	Radar set AN/TPS-58() 'ET/ST' (U)	1971
19720077006	Radome, Antenna, and RF circuitry (RARF). Volume 3, part 3: System specifications report (U)	1971
19720077008	Spectra of ambient noise in the mediterranean sea (1 Hz resolution) (U)	1971
19720077015	Synthetic aperture sonar (U)	1971
19720077022	Simulated satellite/inertial system flight test support studies (U)	1971
19720077028	Carrier containerization concept study. Volume 2 : Appendix (U)	1971
19720077051	Radome, Antenna, and RF circuitry (RARF). Volume 2: System description (U)	1971
19720077052	Materials for high pressure nozzles. Volume 1: Technical program (U)	1971
19720077070	The effects of AP particle size and bonding agents on the pot life of R45M Propellants (U)	1971
19720077078	Arming, dudding, fuzing, and navigation gain control device (U)	1971
19720077139	Space shuttle phase B 180 day review	1971
19720077142	Microwaves applied to nondestructive testing: A bibliography	1971
19720077145	Recommended guidelines for determining flight radar attenuation	1971
19720077154	Production engineering measure for hydrazine fuel cells	1971
19720077159	Coherent, aural and visual automatic detector and PPI modification kits for the AN/PPS-5 radar	1971
19720077167	Flow structure and combustion in a Ranque-Hilsch vortex tube	1971
19720077174	Redevelopment of the Automated installations Intelligence File (AIF) system	1971
19720077184	Mechanistic studies on localised corrosion of copper-based alloys due to hydrodynamic conditions	1971
19720077185	The crusher gauge as an instrument for measuring the peak of a pressure transient	1971
19720077186	The drag reduction due to the ejection of dilute polymers around an 8 inch diameter model	1971
19720077189	Orbiting Solar Observatories (OSO-A thru -H), revision 6	1971
19720077195	Limited high altitude performance evaluation of the HH-53C helicopter	1971
19720077196	Special instrumentation for underwater acoustic tests and evaluations	1971
19720077200	Response calculations for sideways light scattering aerosol particle counters	1971
19720077202	Some experiments on a 2 stage combustion system with pulverised coal as secondary fuel	1971
19720077211	Growth and characterization of thin film III-V ternary compounds for photocathodes	1971
19720077231	Determination of the transmission of flux along cylindrical ferromagnetic probes for research on the Barkhausen effect	1971
19720077237	Variable frequency lasers	1971
19720077239	Technical instruments for automatic ground orientation	1971
19720077251	VXW 010 portable radio	1971
19720077252	Photoemission from semiconductors	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077264	Vulnerability of low-detectability communications to energy detection	1971
19720077273	Results of an investigation of propulsion management systems for advanced military aircraft	1971
19720077298	Design and fabrication of an experimental multiband camera	1971
19720077306	Production engineering measure for quartz crystal units CR-XM-71/U	1971
19720077314	Heat exchange in a steady turbulent flow of a viscous liquid through a round tube under conditions of constant and variable axially symmetric heat flow across the wall	1971
19720077316	Relaxation of boundary conditions for the coordinate functions in the Ritz and Galerkin methods	1971
19720077332	Engineering test of chaparral simulator/Evaluator	1971
19720077347	BRM update package, Apollo applications program baseline reference mission AAP-1/AAP-2, AAP-3 and AAP-4	1971
19720077350	Labial pipes and lamina tones	1971
19720077351	The hydrodynamics of edge tone	1971
19720077361	Filter, coaxial-band pass	1971
19720077362	Connector, plug, electrical, coaxial, series: Miniature	1971
19720077363	Qualification test on MS 27201-255 tank, pneumatic pressure, aircraft, glass fiber sphere, 2500 cubic inches capacity	1971
19720077373	Applications of reflected radiation from heavy doped semiconductors in the atmospheric infrared transmission region. 1: Theoretical background: Optical and magneto-optical properties of n-doped inSh near the plasma frequency	1971
19720077378	Weapon delivery evaluation of an F-4C aircraft with a high-gain adaptive control augmentation system	1971
19720077391	Engineering design handbook. Value engineering	1971
19720077394	Coherent C-band transponder, Motorola part no. 01-P05745A001, Boeing part no. 10-22390-1	1971
19720077395	Coherent C-band transponder, Motorola part no. 01-P05745A001, Boeing part no. 10-22390-1. Appendices	1971
19720077398	Report of test on qualification of ten output transformers P/N X2603939	1971
19720077400	Manufacturing method and technology measure single side-band quartz crystal unit CR-(XM-74)/U	1971
19720077420	Error estimates in measuring probability density due to finite integration time	1971
19720077421	Photoelectric conversion elements	1971
19720077429	Navy study of transport aircraft requirements (NAVSTAR) post-1975 (phase 2). Appendix C: Computer programs and formats	1971
19720077439	Design study for an optical beam director, volume 1	1971
19720077440	Design study for an optical beam director. Volume 2: Appendixes	1971
19720077441	An investigation of air bearings for gas turbine engines	1971
19720077465	Documentation list for Saturn Stage S-2	1971
19720077501	Title classified	1971
19720077514	Radome, Antenna, and RF circuitry (RARF). Volume 3, part 2: System test procedures (U)	1971
19720077515	Radome, Antenna, and RF circuitry (RARF). Volume 7: Six-inch RARF array mini-RARF test report (U)	1971
19720077558	Parametric vulnerability analysis of a foreign aircraft shelter (U)	1971
19720077564	Dual mode electro-optical tracker advanced development program (U)	1971
19720077566	Typical unit costs of US strategic systems based on cost factors used in Stratop-82 (U)	1971
19720077653	Variation of KWK conics	1971
19720077703	Effects of signal density, update rate and color coding upon human information processing	1971
19720077704	Film/substrate matching requirements for bubble domain formation in CVD garnet films	1971
19720077705	Qualification tests of marshall polystyrene capacitors to Drawing 2314788	1971
19720077706	Qualification tests of west-cap metallized polycarbonate to Drawing 2650347	1971
19720077714	Resistor, fixed, film	1971
19720077715	Rotor/wing VTOL aircraft evaluation study	1971
19720077716	New concepts for individual respiratory protection against chemical agents	1971
19720077719	Definition phase study plan for Tracking and Data Relay Satellite System (TDRSS)	1971
19720077724	Individual acceptance test, for connector assembly	1971
19720077725	Individual acceptance test for connector assembly	1971
19720077726	Individual acceptance test, for connector assembly	1971
19720077727	Individual acceptance test, for connector assembly	1971
19720077728	Individual acceptance test, for connector assembly	1971
19720077729	Individual acceptance test for connector assembly	1971
19720077730	Individual acceptance test for connector assembly	1971
19720077732	Resistor, fixed film	1971
19720077734	Applied Science Division	1971
19720077739	Thermal performance of multilayer insulation	1971
19720077749	Subminiature plug-in fuse	1971
19720077750	Motor, dc, stepper	1971
19720077755	Reactivity disturbances due to coolant boiling in a CFR and possible protection schemes based on neutron flux measurement	1971
19720077756	Theory for thermal interactions in shock tube experiments	1971
19720077757	Reactivity noise in CFR	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077760	Heat conduction from a hot metal sphere	1971
19720077786	Test report on electromagnetic radiation (EMR) tests conducted on the Redeye missile system (U)	1971
19720077807	Haven Max (cold thrust augmentation, V/STOL) air rescue aircraft design study (U)	1971
19720077823	Summary report on feasibility studies of incendiary materials (U)	1971
19720077837	Vehicle classification manual (U)	1971
19720077838	Vehicle classification (U)	1971
19720077872	Aeroballistics range tests of ablating heat shield materials (U)	1971
19720078105	Research on materials for advanced electronic and aerospace application	1971
19720078120	Flight and Control Analysis Report Addendum	1971
19720078121	Failure Mode and Effect Analysis, Guidance Navigation and Control System	1971
19720078125	Failure analysis of Marotta regulator, VPN 230344-LA11, model RV31G	1971
19720078141	Water glycol evaporation at reduced pressure	1971
19720078142	Flodyne ball valve, NASA P/N 75M11862, vent port leakage, pneumatic	1971
19720078146	Status of Mk88 (poseidon) digital module testing	1971
19720078149	Lightweight thermosonde system	1971
19720078160	A measurement of neutron yields from the Hermes-2 flash X ray machine	1971
19720078161	Numerical values of the conical (K sub p)(x) for a range of values of order p and argument x and their zeros and bend points	1971
19720078164	Monthly record. Meteorological observations in Canada, October 1971	1971
19720078170	Bubble domain in CVD films of gallium-substituted erbium iron garnet	1971
19720078171	Supplemental evaluation test of Marshall polystyrene metallized polycarbonate capacitors to Dwg. 2314788	1971
19720078176	Vibration tests on I-T-E type QP-1 circuit breakers	1971
19720078177	Electrostatic testing of plastic sheet	1971
19720078178	Electrostatic testing of plastic sheet	1971
19720078179	Electrostatic testing of plastic sheet	1971
19720078180	Malfunction investigation: Switch, pressure, meletron, VPN 372-13S-246	1971
19720078181	Mission valve and pump company relief valve, VPN 2-9-17. Premature relief	1971
19720078182	Failure analysis of a tescom regulator, VPN 26-1065-54-044,	1971
19720078183	Kemp aero products double solenoid valve, VPN K402016-3, NASA P/N 75M08822-3. Improper feedback from indicator switch	1971
19720078184	Fuse, buss P/N GLD-1, LUT networks system	1971
19720078185	Grove regulator, VPN 10927B-A3A, loss of regulated pressure	1971
19720078186	Failure analysis of grove regulator, VPN 10931 MK2B, model 15KK	1971
19720078187	Functional test of 15 ampere circuit breaker	1971
19720078188	Marotta manual supply valve, VPN 228164-1, NASA P/N 75M51155-1J	1971
19720078189	Pressure switch, meletron, VPN 372-9 S-252, NASA P/N 75M08323-2	1971
19720078190	Electrostatic testing of 65 percent cotton, white coveralls	1971
19720078193	Mercury relay, CP Clare Company, VPN HGSM 5001, propellant tanking computer system	1971
19720078194	Superior Valve Company, hand valve, VPN 1255, H4 code (58553) external leakage	1971
19720078195	Mission valve and pump company safety relief valves, (2), VPN 44-b-TG-8, H4 code (07003)	1971
19720078196	Marotta solenoid valves (2), VPN 806097-1, NASA P/N 75M08823-4	1971
19720078197	Robbins aviation, Incorporated, hand valve VPN SSG250-4T, S/N R6822, flow blockage, H4 code (04666)	1971
19720078198	Valve, solenoid, automatic switch company VPN WHPTX821027, NASA P/N 75M15214 PSV-4	1971
19720078211	Actuator, Jordan Controls, Incorporated, P/N SM1131-1035, S/N 10463-4	1971
19720078212	Failure analysis of a size 1/4-20 magnesium stud from a flight battery case, eagle piche, DWG no. 81855, sheet 19-11-449-0	1971
19720078213	LOX impact test, four bottles of Chemical Compounding Corporation leak test compound, Type 2, Lot no. 9 L4-2	1971
19720078216	Pressure switches (3), Sigmanetics, VPN 704025, NASA P/N 75M51766-5	1971
19720078217	Switch, pressure, Century E-I VPN 80C542 (H-4, 00214) NASA P/N 75 M12885, S/N 9769A	1971
19720078218	Four Flodyne ball valves, VPN 12C13, 15C11 (two) and 15 C153. Leakage past seat and port O-rings	1971
19720078219	Spring, P/N 30104, from CLA-VAL surge relief valve, P/N 50 KX-16 inch	1971
19720078220	Leakage at reduced temperature of two circle seal relief valves, VPN 5159 T1-12 ZV-845	1971
19720078221	Westinghouse air brake (WABCO) solenoid valve, VPN PA 92304-5100, external leakage	1971
19720078222	Failure analysis of five flexible hoses manufactured by Thermotech	1971
19720078223	Pressure closing valve, Global Systems, Incorporated P/N 10175-8, S/N 133, liquid air O2 backpack	1971
19720078224	Solenoid valve, Marotta, VPN 231184-1A6, NASA P/N 75M11869, tail service mast, pneumatic retraction system, mobile launcher 3	1971
19720078225	Mineral insulation cable terminal, General Cable Corp., type H	1971
19720078226	RCA cos/MOS microcircuit qualification test NASA/GFSC comments to RCA COS/MOS microcircuit qualification test	1971
19720078229	Kemp Aero Products two-way pilot operated double solenoid valves (2), VPN k402016-3, NASA P/N 75m08822-3. Leakage	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078230	Module power switch, Clare Pendar, VPN 12-1282GD387P (H4 code: 97564)	1971
19720078231	Insights for calculating the shock layer on complicated bodies using the NASA-Ames flow field code	1971
19720078232	Evaluation of Endevco radiation hardened accelerometers	1971
19720078233	An improved bench for use in static-free areas	1971
19720078234	Data transmission across a high-voltage interface by means of optical devices	1971
19720078237	Potentiometer, film, linear	1971
19720078240	Crystal unit, quartz	1971
19720078245	Warp and twist of copper clad laminates	1971
19720078247	Slot line digital ferrite phase shifters	1971
19720078250	Qualification of RF coil	1971
19720078253	Report of environmental tests	1971
19720078273	Qualification status of GHZ step recovery diode APN 10182311	1971
19720078285	Integrated circuit, logic gate (dual 4) input nand driver, DTL944, ST984606-103	1971
19720078286	Integrated circuit, logic gate (quad) 2 input nand, DTL946, ST984594-103	1971
19720078287	Integrated circuit, logic gate (triple 3) input nand, DTL962, ST984607-103	1971
19720078288	RCA gallium-arsenide trim illuminator system, Naval Air Test Center, Patuxent River, Maryland 20670, 3-4 June 1971	1971
19720078291	Integrated circuit, operational amplifier, monolithic, ST984591-101	1971
19720078292	Integrated circuit, voltage regulator, ST984590-101	1971
19720078294	Qualification of connectors for standard hardware program	1971
19720078295	High power xenon lamps	1971
19720078298	Electrostatic testing of adhesive tapes and anti-static spray	1971
19720078299	Functional test of Allen-Bradley pressure switch, VPN 836AP11-PKC	1971
19720078300	LOX impact test of Sherlock O2 leak detector fluid, 5 second, type 1	1971
19720078301	Marotta regulator, VPN 280606, rev A, NASA P/N 75M08829-5 service arms system	1971
19720078302	Tescom handloader regulator, 1000 series, model 044 (hand wheel removed), NASA P/N 75M51364-4G	1971
19720078303	Denison variable displacement hydraulic pump, VPN PV05-006-32R-06Y-S6, NASA P/N 75M06597-1, division of Abex Corporation, H-4code (16954)	1971
19720078308	Status of production qualification testing of MK88 (poseidon) fire control modules	1971
19720078309	Status of MK88 (poseidon) module testing	1971
19720078315	Development of a non-linear high power ceramic capacitor	1971
19720078317	Report of test on capacitors, fixed, tantalum, RPN 1468676-1	1971
19720078318	Report of test on filter RPN 352708-1	1971
19720078319	Test on filter RPN 354876-2	1971
19720078323	Peak memory detector	1971
19720078332	Qualification status of A and M Instrument Company meters	1971
19720078333	MOS/LSI for aerospace computers: Past reliability experience and future predictions	1971
19720078341	Radome materials research and development report, AWACS brassboard program	1971
19720078343	Qualification status of AMP incorporated bars APN 10677736	1971
19720078344	Qualification status of ADP delay line from Daven	1971
19720078351	Scientific sabotage of switching systems	1971
19720078352	The universal high-temperature emissometer	1971
19720078353	Flammability of ABS sheet	1971
19720078360	Qualification status of Electronic Controls, Incorporated toggle switch 10676676	1971
19720078363	Qualification report for connector receptacle per drawing 2654103	1971
19720078364	Qualification report for microelectronic device per drawing 2817568	1971
19720078365	Qualification report for microelectronic device, triple emitter follower per drawing 2808137	1971
19720078366	Qualification report for microelectronic device per drawing 2808577	1971
19720078367	Qualification report for microelectronic device per drawing 2841196	1971
19720078368	Qualification report for microelectronic device per drawing 2808579	1971
19720078369	Qualification report for microelectronic device per drawing 2841219	1971
19720078370	Qualification report for transistor per drawing 2808205	1971
19720078371	Qualification report for transistor, NPN, silicon BUWEPS 2576941-1	1971
19720078372	Qualification report for transistor per drawing 2576945	1971
19720078375	QC engineering test report	1971
19720078377	Qualification status of marotta valve corporation solenoid check valve	1971
19720078392	Cross-flow corrected axisymmetric solution for multiple body interference	1971
19720078402	Mission Valve and Pump Company safety relief valve, VPN 2-917, NASA P/N 10432016-4. (H4 code: 07003)	1971
19720078403	Koehler-Dayton hand actuated ball valve, VPN 3-116815-16, NASA P/N 75M07192-1. (H-4 code: 75361)	1971
19720078404	Malfuction investigation: Transducer, pressure regulating, Foxboro model 69TA-1	1971
19720078405	Sigma-netics pressure switch, VPN 704024, NASA P/N 75M51766-4 failure to hold set press	1971
19720078408	Evaluation of Hewlett/Packard Schottky barrier diodes HP5082-8900 drawing 7531269	1971
19720078412	Component evaluation report	1971
19720078413	Isolator, integral load	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078414	Qualification test of 18 transformers	1971
19720078415	Weapon system 133B, static-test firing of second-stage Wing 6, Minuteman Motor 52PQA6-52	1971
19720078417	The feasibility of satellite communications in helicopters	1971
19720078423	Procedures for the determination of eigenvalues of systems of linear algebraic equations involving banded matrices	1971
19720078424	Pollution abatement study	1971
19720078432	A transformer for measuring high-amplitude current pulses	1971
19720078434	Circulator, UHF	1971
19720078438	Integrated circuit operating life 1000 hour test	1971
19720078439	Capacitor evaluation tests	1971
19720078440	Capacitor evaluation tests	1971
19720078441	Detonator cable strap bond evaluation tests	1971
19720078442	Jet vane effectiveness routine	1971
19720078444	Timer, sequential, 0 to 5	1971
19720078445	Transformers, pulse - low level	1971
19720078447	Switches, thermostatic	1971
19720078448	Integrated circuit, ECL quad 2-input nor gate	1971
19720078449	Qualification test of BuWeeps drawing 2673308	1971
19720078450	Qualification tests of BuWeeps drawing 2212690 resistors	1971
19720078451	Qualification test of motors (26V dc)	1971
19720078452	Report of test on crystal filter, band pass, RPN 146687-9	1971
19720078456	Report of test on transformers, audio, RPN 354601-1	1971
19720078457	Prompt neutron and gamma effects on US Navy standard hardware modules ADH, CDE, BDA, BDB, BDC, BDH	1971
19720078460	Status of MK88 (poseidon) module testing	1971
19720078461	Status of MK88 (poseidon) digital module testing	1971
19720078462	Status of MK88(poseidon) module testing	1971
19720078464	Properties of the dysprosium-gadolinium gallium garnet system	1971
19720078468	Guided flight tests (unmanned) of the dragon antitank rocket XM-47 system (U)	1971
19720078476	Production engineering measure for 18 mm fiber optic inverter plate (U)	1971
19720078477	Production engineering measure for 18 microchannel wafer image intensifier tube (U)	1971
19720078504	High Altitude Supersonic Target (HAST) exhaust plume analysis (U)	1971
19720078512	Lessons learned, HQ, 17th Aviation Group (Combat); 7th Squadron, 1st Air Cavalry (U)	1971
19720078530	Vulnerability analysis of the A-7D (U)	1971
19720078537	Production engineering measure for PBSE photodetector array (U)	1971
19720078710	Significance of applied stress in the swelling of irradiated materials	1971
19720078726	Semiannual progress report, June - December 1971	1971
19720078736	Weld embrittlement in stabilised 2 1/4 Cr-Mo steel exposed to sodium-water reaction products at room temperature	1971
19720078737	Fission products in the sodium from the Mol-7A irradiation loop	1971
19720078741	Irradiation effects on reactor structural materials	1971
19720078742	Recombination luminescence of potassium halides doped with monovalent cation impurities	1971
19720078743	SAMMSOR 2: A finite element program to determine stiffness and mass matrices of shells of revolution (user's manual)	1971
19720078747	Upper and lower bounds to the response of a stream generator containment vessel subjected to dynamic loading	1971
19720078748	Operator manual for the PCM reformat program for the playback executive system	1971
19720078749	Operator manual for SYSMAN, the system maintenance program for the playback executive system	1971
19720078753	Characteristics and development report for the MC2655 thermal battery	1971
19720078769	Absolute yields in the fission of U-235 U-238, and Pu-239 irradiated in DFR	1971
19720078770	Behavior of a system of superconducting coils with one coil quenching	1971
19720078771	Root finding and the solution of dispersion equations	1971
19720078772	Applied Science Division Progress Report, 1 July - 30 September 1971	1971
19720078776	Progress in the evaluation of the lithium shutoff rod	1971
19720078781	Further calculations related to local blockages	1971
19720078782	An investigation into the use of SAMBA for solving the local blockage problem in PFR subassemblies	1971
19720078783	Comparison of models for fuel-coolant interaction	1971
19720078788	Studies on the behavior of graphite structures irradiated in the Dragon reactor	1971
19720078794	Void nucleation during electron irradiation	1971
19720078800	Oxide fuel element development	1971
19720078803	Summary of the latest experimental results on fuel rod failure and the fuel/ sodium interaction	1971
19720078804	The effect of air contaminated sodium on stressed specimens made from PFR steels and the corrosion of these materials and Incoloy 800 in sodium-sodium hydroxide mixtures	1971
19720078805	Carbon dioxide adsorption on fixed beds of molecular sieves	1971
19720078806	Positronium chemistry	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078815	High frequency shock of spacecraft systems	1971
19720078816	The study and classification of two and multi-component high thermal conductance devices	1971
19720078818	Selected discussions of recent avionics activities at the Manned Spacecraft Center	1971
19720078819	Configuration 1 avionics breadboard general description	1971
19720078820	Unified test equipment concept for the space shuttle ground test system	1971
19720078821	Configuration 1 data management system overall performance specification	1971
19720078822	Software configuration	1971
19720078823	Data bus control system	1971
19720078824	Display and control final definition	1971
19720078825	Solid state power controllers	1971
19720078828	The visual information processing system	1971
19720078829	Investigations in correlation spectroscopy and interferometry for the remote monitoring of air pollution	1971
19720078857	Vibration testing of the first model of the RAE lightweight solar array	1971
19720078886	The effect of a small forewheel on the drag, spray patterns and aquaplaning characteristics of a pneumatic wheel moving through a water layer	1971
19720078887	Quality control of 5 inch High Velocity Aircraft Rockets (HVAR)	1971
19720078888	Effect of a traveling atmospheric pressure disturbance on a narrow lake with a depth-discontinuity	1971
19720078895	Aluminum shear tests on krytox 143 AY, halocarbon 11-21E, and nutrol mark 2 oils	1971
19720078903	Evaluation of Hewlett/Packard HP5082-8797 pin diodes 7534262	1971
19720078904	Evaluation of Grayhill rotary switch 885C954	1971
19720078905	Qualification and evaluation of Texas Instruments SSB9697 transistor	1971
19720078907	Small signal diode	1971
19720078908	Indicators, fault locating	1971
19720078909	Report of test on low pass filters, RPN 142653-1	1971
19720078911	Status of MK88 (Poseidon) module testing	1971
19720078913	Malfunction investigation, switch, micro switch, VPN DT2RV-A7, Firex control system	1971
19720078916	A/D converter capacitors failure analysis	1971
19720078917	Failure analysis of several A/D converter capacitors	1971
19720078918	Evaluation of non-chromate deoxidizing cleaner for MIL-C-5541 pretreatment	1971
19720078919	Expanded calorimetry system for the Hermes-2/REBA facility	1971
19720078924	Evaluation of Klixon, D6761-1-10 circuit breaker (T. I. H4 code-82647)	1971
19720078925	Tee-bolt from P/N 555-200-1025SH, service arm no. 6, ML-3, ECS	1971
19720078926	B nut sleeve, NASA P/N 75M10014-141,service arm 4, S-2 LOX distribution system	1971
19720078927	Bonding deficiency of the S/C 11z side hatch replacement seal	1971
19720078928	LM descent stage battery sample cells, manufactured by Eaglepicher	1971
19720078929	O-rings fabricated from 300 series SST and coated with a polytetrafluoroethylene filled chromium oxide	1971
19720078930	Full qualification lot acceptance report of diode, zener per BuWeps drawing 2859488	1971
19720078933	Military equipment cost analysis	1971
19720078935	Development of Atmospheric Research System (ARS). Volume 4: Instrumentation calibration and flight test of U-1 foil on RB-57F aircraft	1971
19720078951	Continuous shelf life test program for determining the deterioration of tantalum electrolytic capacitors	1971
19720078960	On the convergence of constrained least square splines	1971
19720078961	Production engineering measures for a ferrit solid state limiter protector	1971
19720078970	Advanced Forward Area Air Defense Systems (AFAADS) gun/missile mix modeling program. Volume 1: Executive summary	1971
19720078971	Advanced Forward Area Air Defense Systems (AFAADS) gun/missile mix modeling program. Volume 3: Analytic methodology	1971
19720078977	High strength - high modulus carbon fibers	1971
19720078992	Close air support weapon engineering design study. Volume 6: Missile simulation	1971
19720078993	Quarterly operating report for radioisotopic power generators of the US Navy, volume 6, number 1	1971
19720078994	Development of Atmospheric Research System (ARS). Volume 3: Qualification tests	1971
19720078996	Basic methodology, data preparations, and computer model	1971
19720078997	Potential savings for STS payloads by the use of redundancy	1971
19720078999	Qualification report of diode, zener, silicon, per BuWeps DWG 2808093	1971
19720079000	Qualification report for SMT-1 per BuWeps drawing 2808636 Revision A	1971
19720079001	EMR 6130 (DADS system 2) on-line station: 4000M integrated circuit tester	1971
19720079047	Qualification report for microelectronic device per Drawing 423-800203	1971
19720079048	Processing and screening of advanced air-augmented rocket propellant formulations (U)	1971
19720079127	Analysis of the East Lant Med broadcast frequency survey (June - August 1970) (U)	1971
19720079137	Mission analysis on command and control communications for theater air operations. The influence of command and control communications on tactical air operations (U)	1971
19720079219	Airborne measurement instrument (U)	1971
19720079231	Invariant imbedding and the resolvent of Fredholm integral equations with variable parameters	1971
19720079236	Brief description of the KAMCCO: Karlsruhe Monte Carlo code	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079237	Reduction in the wall thickness of austenitic steel fuel element cans as a result of the action of sodium coolant	1971
19720079238	Study of austenitic steel, Material no. 1.4988, with respect to loss of nitrogen in the sodium corrosion cycle at temperatures of 550-600 C	1971
19720079246	Numerical calculation of cumulative probability from the moment-generating function	1971
19720079248	Papers from 8th JANNAF Combustion Meeting. Volume 1: Unclassified papers	1971
19720079249	Ignition and combustion of aluminum particles in propellant flame gases	1971
19720079250	Effect of pressure and particle diameter on burning rate of boron	1971
19720079251	An interior ballistic model for small arms propellants incorporating deterrent coatings	1971
19720079252	Ignition combustion of combustible cartridge case	1971
19720079253	Caseless ammunition ignition studies with a windowed half chamber	1971
19720079254	Ignition produced, shock loading phenomena in Naval guns	1971
19720079255	Thermal effects of binder and propellant reactions at heating rates to 500 C/sec	1971
19720079256	A motion picture study of AP sandwich combustion	1971
19720079257	The deflagration of ammonium perchlorate polymeric binder sandwich models	1971
19720079258	The effect of solid phase reactions on the ballistic properties of propellants	1971
19720079259	The temperature sensitivity of the deflagration rates of pure and doped ammonium perchlorate	1971
19720079260	CO2 laser pyrolysis/mass spectrometry of ammonium perchlorate at high heating rates: Decomposition versus dissociative evaporation	1971
19720079261	Alteration of ammonium perchlorate decomposition at low temperature by co-crystallization	1971
19720079262	Report on workshop on combustion instability	1971
19720079263	Relationship between motor parameters and oscillatory response in the Poseidon second stage motor	1971
19720079264	Solid propellant combustion instability suppression devices	1971
19720079265	A forced oscillation method for measuring the combustion response function	1971
19720079267	Report of the workshop on the analysis of solid propellant combustion instability	1971
19720079268	Application of random data analysis procedures to combustion instability in rocket motors	1971
19720079269	A mathematical model for the amplitude of acoustic pressure oscillations in solid rocket motors	1971
19720079270	Structural damping of acoustic oscillations in solid propellant rocket motors	1971
19720079271	Nonlinear particulate damping of acoustic oscillations	1971
19720079272	Correlation of L-instability data with a simplified non-steady theory	1971
19720079273	Spectral and temporal resolution of propellant flames during bulk mode instability	1971
19720079274	Temperature sensitivity of double base propellants	1971
19720079275	Acceleration sensitivity of nonmetalized composite propellants	1971
19720079276	The variable area T-burner as a quality assurance tool	1971
19720079277	Transient flame temperatures and depressurization extinguishment of composite propellant strands	1971
19720079278	Radiation characteristics of solid propellants	1971
19720079279	Mixture ratio as a new parameter in propellant deflagration mechanism modeling	1971
19720079280	A technique for predicting the performance of rocket motors in high acceleration environments	1971
19720079281	Effects of dynamic burning on operation of a throttleable fuel generator for fuel rich propellants	1971
19720079282	Space shuttle main engine combustion stability requirements	1971
19720079283	Hybrid and decomposition combustion of hydrazine, MMH and UDMH as droplets	1971
19720079285	Two phase detonations with bimodal drop distributions	1971
19720079286	Flow cavitation effects on the mixing characteristics of bipropellant doublets	1971
19720079287	Interaction of axisymmetric wake and jet flows with a coaxial oscillating stream	1971
19720079288	Effect of propellants and operating conditions on reactive stream separation	1971
19720079289	Turbulent mixing as related to performance improvement	1971
19720079290	Experimental determination of supercritical nozzles and acoustic linear admittance	1971
19720079291	The use of combustion models at Rocketdyne	1971
19720079292	Modeling of high energy gaseous combustors for performance prediction	1971
19720079293	Extension and status of the Distributed Energy Release (DER) computer program	1971
19720079294	Pulse mode performance model for pulsed liquid rockets	1971
19720079295	The experimental correlation of local gas phase mixture ratio to the local heat transfer rate in a rocket combustion chamber	1971
19720079297	Stability evaluation of a rocket engine using space storable propellants	1971
19720079298	Rocket engine instability analysis film report	1971
19720079299	Analytical model for shock wave formation in an annular rocket engine	1971
19720079300	A third order, single mode analysis of the stability of liquid propellant rocket motors	1971
19720079301	Application of the Galerkin method in the solution of nonlinear axial instability in liquid rockets	1971
19720079302	Combustion instability suppression research at Pratt and Whitney aircraft	1971
19720079303	Combustion instability suppression devices	1971
19720079304	A study of the effects of partial length acoustic liners in liquid propellant rocket motors	1971
19720079305	Experimental flow effects and selection Requirements related to acoustic dampers	1971
19720079306	Design criterion for acoustic absorbers	1971
19720079307	Combustion kinetics of pollutant formation	1971
19720079308	Experimental investigation of the contribution of nozzle plenum roughness to supersonic jet noise	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079309	Laser research at the AFRPL	1971
19720079310	The development of an aircraft window interlayer material based on polyurethane elastomers	1971
19720079313	The 7th JANNAF Combustion Meeting: Expanded Abstracts and Slides. Volume 1: Unclassified Papers	1971
19720079314	Review of the workshop on steady-state combustion and modeling of composite solid propellants	1971
19720079315	Summary of JANNAF combustion-extinguishment workshop	1971
19720079316	Workshop on the relationship of AP decomposition to deflagration	1971
19720079317	The role of catalysts in the ignition and combustion of solid propellants	1971
19720079318	Command control of solid propellant burning rate	1971
19720079319	The effect of electrostatic fields on flame spread rates of solid propellant	1971
19720079320	A study of the effects of electric fields on solid propellant burning rates	1971
19720079321	A study of the low temperature decomposition of ammonium perchlorate	1971
19720079322	Scanning electron microscopy of pure ammonium perchlorate after its reaction in the orthorhombic and cubic phases	1971
19720079323	The decomposition, pyrolysis and deflagration of ammonium perchlorate	1971
19720079324	The deflagration of pure and doped ammonium perchlorate: A basis for discussion of assumptions commonly made in modeling composite propellant combustion	1971
19720079325	Phase transition line shift in ammonium perchlorate during quenching of burning single crystals	1971
19720079326	A two dimensional sandwich burning study of AP oxidizer with four propellant binders	1971
19720079327	The effect of acceleration on composite propellant combustion	1971
19720079328	The effect of acceleration forces on the agglomeration, flow trajectories, and impingement of aluminum in a solid-propellant rocket motor	1971
19720079329	The ignition and combustion of single boron particles in air at ambient pressure	1971
19720079330	Boron ignition and combustion in air-augmented rocket afterburners	1971
19720079331	Analysis of burning rates in composite propellants	1971
19720079332	Solid-propellant motor acoustic model testing	1971
19720079333	A finite element solution for acoustic mode shapes and frequencies in rocket motor combustion cavities	1971
19720079334	The acoustic losses of the T-burner and their effects on the test results	1971
19720079335	The experimental technique of pulsed T-burner testing of aluminized propellants	1971
19720079336	Acoustic instability studies of a metalized CMDB propellant	1971
19720079337	Effect of variable gas phase conversion on the acoustic response function	1971
19720079338	Further evaluation of a simplified theoretical model for solid propellant extinguishment	1971
19720079339	The use of nonreactive coatings in solid propellant arc-image ignition studies	1971
19720079340	Investigation of the feasibility of measuring the chamber temperature of solid propellant rocket motors by using microwave attenuation measurements	1971
19720079341	A general model describing hydraulic flip in sharp edge orifices	1971
19720079342	Pressure and initial fuel temperature effects on liquid propellant combustion instability	1971
19720079343	Jet separation and popping with hypergolic propellants	1971
19720079344	Combustion process of impinging hypergolic propellants	1971
19720079345	Experimental and analytical investigations of drop and spray evaporation and breakup in high pressure and high temperature environments	1971
19720079346	Liquid rocket performance analysis with distributed energy release	1971
19720079347	Liquid rocket combustion analysis for coaxial jet injection of gas/liquid propellants	1971
19720079348	Theoretical and experimental study of film detonations	1971
19720079349	Gas solubility effects during high pressure liquid propellant combustion	1971
19720079350	Experimental study of the dynamics of a spherical flame	1971
19720079351	Combustion response studies	1971
19720079352	The effect of external periodic disturbances on axisymmetric wake diffusion flames	1971
19720079353	Unsteady mass-energy source determined by a shock tube technique	1971
19720079354	Calculation of low-frequency combustion instability in liquid-propellant rocket engines	1971
19720079355	Engine stability characteristics determined by a comprehensive three-dimensional analysis	1971
19720079356	Amplification of vaporization response by wave distortion	1971
19720079358	On the nonlinear stability of liquid rockets	1971
19720079359	Experimental determination of supercritical nozzle admittances	1971
19720079360	Analysis of the acoustic behavior of baffled combustion chambers	1971
19720079361	Effects of combustion and flow on baffle damping	1971
19720079362	Investigations of oscillations in rocket motor baffle cavities	1971
19720079363	Analysis of combustion instability in motors with partial length acoustic liners	1971
19720079364	Quarter-wave tubes versus Helmholtz resonators: Theories, experiments, and design criteria	1971
19720079365	Evaluation of acoustic cavities for combustion stabilization	1971
19720079366	Combustion instability aspects of large LOX-hydrogen engines	1971
19720079367	Investigation of gas liquid injectors	1971
19720079368	Shutdown transient pressure surge interpreted as feed system coupled instability	1971
19720079369	High frequency combustion stability at 400 psi chamber pressure: A combined analytical and experimental program	1971
19720079370	Baffle performance with high-impedance injectors	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079371	Verification of acoustic liner design parameters	1971
19720079372	The main engine for the space shuttle	1971
19720079401	World telecommunications. Volume 1: Overview of the industry	1971
19720079402	World telecommunications. Volume 2: Technology	1971
19720079403	World telecommunications. Volume 3: The United States, Canada, and Europe	1971
19720079404	World telecommunications. Volume 4: Latin America, Africa, Asia and the Pacific	1971
19720079405	The subcritical response characteristics of a high speed T-tail aeroelastic model	1971
19720079406	The assessment of true reaction kinetics on, or at any specific distance beneath, the surface of solid organic film forming materials	1971
19720079407	Comparative turbulence for a Canberra and a Vulcan flying together at low altitude	1971
19720079408	Relationships between some microstructural features and the fracture toughness of an Al-Zn-Mg-Cu-Mn forging alloy	1971
19720079409	The theoretical performance of optimised glide path controllers for the Comet 3B	1971
19720079410	Tests on the effect of simulated hoar frost deposits on the take off performance of a model of a transport aircraft (Hawker Siddeley Trident 3B)	1971
19720079411	Measurements of horizontal windspeed and gustiness made at several levels on a 30 m mast	1971
19720079412	Structural optimisation by geometric programming	1971
19720079413	Environmental tests of reticulated plastics foam for use in aircraft fuel tanks	1971
19720079414	A technique for measuring oscillatory aerodynamic control surface hinge moments from forced response characteristics	1971
19720079415	Flight assessment of head-up display as a clear weather approach aid	1971
19720079416	The stability of breathing regulators	1971
19720079417	An evaluation of comparison solutions in first approximation shell theory	1971
19720079419	Unsteady pressure distributions measured at low speed and high frequency parameter on a rectangular wing with an oscillating control surface	1971
19720079422	Marotta manual regulator, VPN 219004-B155, NASA P/N 75M08830-1, S/N 1630	1971
19720079423	IIT navigation system and geophysical exploration controller	1971
19720079429	Efficient encoding of speech for digital transmission	1971
19720079435	Efficient encoding of speech for digital transmission	1971
19720079436	Frequency modulated resonant testing system air coupled transducers and acoustical holography	1971
19720079437	Delta-sigma time scaler	1971
19720079444	Frequency modulated resonant testing system and acoustical holography	1971
19720079445	Measurement of oscillator noise sideband spectra	1971
19720079446	Further details for a proposed method of removing fixed target echoes from a scanning sonar system	1971
19720079447	A modified two-temperature model of the carrier velocity electric field characteristic of gallium arsenide	1971
19720079448	Simple linear dynamic systems	1971
19720079449	Simulation of a bandwidth compression queueing system using a recirculating store	1971
19720079456	On-board checkout and electronic equipment maintenance for manned spacecraft	1971
19720079494	Evaluation of tensile load capacity of a 1/4 inch bolt AN4-17, nut MS17826-4, and cotter key assembly	1971
19720079502	Denison relief valve, VPN RIV12-545-56, NASA P/N 75M06660-1	1971
19720079504	Qualification of Motorola (type MC2104F) microelectronic expandable AND-NOR gate per General Electric drawing 7531395	1971
19720079507	Production assessment test of NavOrd 2621776 semiconductor diode	1971
19720079509	Qualification status of conductor from BeCu Manufacturing Company	1971
19720079510	Report of test on capacitor, fixed, RPN 144613-1	1971
19720079512	Status of MK88 (poseidon) module testing	1971
19720079513	Status of MK88 (Poseidon) module testing	1971
19720079514	Status of MK88 (poseidon) module testing	1971
19720079515	Status of MK88 (POSEIDON) module testing	1971
19720079516	Status of MK88 (poseidon) module testing	1971
19720079521	Qualification testing of high speed rectifier diodes, volume 1	1971
19720079522	Qualification test supplement for the water check valve P/N 61C830060-3	1971
19720079523	Updating of dynatherm vinyl coating V455	1971
19720079524	Marotta dome loaded regulator, vendor model RV79LK, VPN 229944, NASA P/N 75M51264	1971
19720079525	Cable, electrical power, Simplex-Tryex no. 1/0 neoprene armor-400, 13.8 kv power distribution system	1971
19720079558	Evaluation of the approach power compensator system in the A-7E airplane	1971
19720079571	Government developed miniature hermetically sealed squib switch design data	1971
19720079573	T58 engine 1971 component improvement programs	1971
19720079587	Manufacturing methods and technology study covering production and inspection techniques for infrared components	1971
19720079614	Analysis of the collision conditions metal by explosion	1971
19720079619	Stress analysis of the aircraft MAU-9/A and MAU-9A/A bomb ejector racks	1971
19720079667	Shipboard evaluation of visual landing aid systems for non-aviation ships	1971
19720079669	Feasibility of producing close-tolerance F-14 titanium forgings from sintered powder performs	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079676	Study of earthquake-induced ground motions at the Safeguard Malmstrom site. Volume 1: Sections 1 through 6	1971
19720079678	Variable angle illuminator	1971
19720079687	Linear output from a dc resistance bridge using a nickel element	1971
19720079688	Qualification status of resistor 10181751 from IRC	1971
19720079689	Calibration of a large aperture radiometer system	1971
19720079690	A theoretical equation-of-state for amorphous polymers	1971
19720079692	An analytical study of engine noise and powerplant cycles and design techniques which can lead to a significant reduction in noise levels	1971
19720079693	A theoretical study of the effect of rain upon the performance of airport surveillance radars at Canadian military terminals	1971
19720079696	Winter ice reconnaissance in Nares Strait, 1970-71	1971
19720079697	Development trends in nuclear power plants designed for special applications, 2	1971
19720079698	Application of gas generators to rocket technology	1971
19720079702	Behavior of engery in real gases	1971
19720079711	Variable geometry fuel tank	1971
19720079712	Audiometric survey on USS Tigrone (AGSS-419) underway during seven days of active sonar operations	1971
19720079714	Qualification for filter contacts, electrical connector crimp and solder type, manufactured by Hughes C-D	1971
19720079720	Manifold, TBI, 3 way 90 deg disconnect 2 CDF, nose fairing disconnect 1 CDF, nose fairing fitting, initiation, angle tee	1971
19720079744	Malfunction, investigation, fuse rectifier and diode, reheat subsystem	1971
19720079749	Moving platform investigation for FOPEN radar	1971
19720079751	Chemistry and kinetics of polyimide film degradation	1971
19720079752	Modification of the Kodak model 101 sensitometer in order to permit variable exposure times	1971
19720079753	Error limits in the measurements of effective source reflection coefficient of a directional coupler	1971
19720079777	Mission analysis on command and control communication for theater air operations, Air Force 1985, tactical communication requirements	1971
19720079780	Mission analysis on command and control communications for theater air operations. Local area communications network study for the mission analysis study for command and control for air operations	1971
19720079781	A study of adsorptive phenomena on platinum electrodes by radioactively labeled atom technology, 7	1971
19720079786	Mission analysis on command and control communications for theater air operations. Technology factors determining digital signalling rate structure	1971
19720079787	A-stable block implicit one-step methods	1971
19720079790	exact solutions for concentration dependent diffusion and the inverse complementary error function	1971
19720079791	Disk recorder digitizer	1971
19720079792	Data digitizer and recorder	1971
19720079793	Numerical methods for singular boundary value problems	1971
19720079798	Report of test on single-phase heater transformer, 373305, Oeco Corporation	1971
19720079799	Report of test on three-phase power transformer, 373299, Raytheon Microwave and Power Tube Division	1971
19720079800	Report of test on three-phase power transformer, 373303, R. M. Hadley Company	1971
19720079801	Report of test on three-phase power transformer, 373299, Robert M. Hadley Company	1971
19720079802	Report of test on single-phase heater transformer, 373350, Oeco Corporation	1971
19720079803	Qualification for second source of M5757/9-003 relay	1971
19720079804	Extended endurance test size 8 motor-tach. generator	1971
19720079805	Gasket-Metallic	1971
19720079806	Semiconductor device, diode, reference, 5.6 volts plus or 1%	1971
19720079807	P/N G-26011 telephone set	1971
19720079808	Test report Rayovac experimental battery, PN ROV 92771	1971
19720079812	Reducing the time and cost for life tests of blower motors	1971
19720079814	Evaluation of globe MIL-B-23071/16 transistorized AN/URC-9 blower	1971
19720079815	Results of tests of rotron polysulfone fans	1971
19720079816	Status of Mk 88 (Poseidon) module testing	1971
19720079817	Qualification testing of MK 88 (Poseidon) fire control modules	1971
19720079818	Status of the phase 3D MK 88(POSEIDON) fire control modules	1971
19720079819	Qualification status of Staco Push Switch APN 10670313	1971
19720079820	Qualification status of 10673225 from TRW	1971
19720079823	Module, resistor array	1971
19720079824	Initial production test of gyromagnetic compass set AN/ASN-43 ()	1971
19720079826	Qualification test for BuWeps drawing 2212690 resistors	1971
19720079829	Integrated circuit, digital to analog converter, 10 bit	1971
19720079833	CASE: Coordinated Aerospace Supplier Evaluation	1971
19720079845	Switches, toggle, miniature MS type, screening test	1971
19720079850	Qualification of connectors for standard hardware program	1971
19720079851	Optical integrators, optical windows and projection lenses for laser diode arrays	1971
19720079853	Capacitors, electrolytic, aluminum foil, axial lead, metal case, Cornell Dubilier NLW	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079854	Test pressure sensors to specification	1971
19720079855	Series OSM, right angle, flange mount, 50 ohms	1971
19720079963	Applied Science Division Progress Report, 1 October - 31 December 1971	1971
19720079964	Free flight aerodynamic characteristics of a supersonic bomb, Sandia configuration TX-61 at Mach 0.6 to 2.5	1971
19720079965	Annual report, April 1970 - March 1971	1971
19720079967	Studies in thermonuclear plasma physics	1971
19720079968	Inhalation of insoluble iron oxide particles in the submicron ranges. Part 2: Pu-237 labelled aerosols	1971
19720079970	Human factors project support for remote control operation of the lunar roving vehicle	1971
19720080005	Latch-up of 709 operational amplifiers	1971
19720080006	Qualification of connectors for standard hardware program	1971
19720080008	Diffusion of a sound wave by a turbulent surface. Statistics analysis of the second order	1971
19720080016	Diffuse reflectance of certain targets at various wavelengths	1971
19720080023	A compiler compiler	1971
19720080029	Annual report, 1 January - 31 December 1971	1971
19720080034	The importance of angle of exposure in the weathering of a polymer	1971
19720080035	Weathering of acrylonitrile-butadiene-styrene terpolymers. Part 4: The effectiveness of different regions of the solar spectrum in degrading an ABS terpolymer	1971
19720080036	Verification of probability of precipitation occurrence forecasts	1971
19720080037	Transient waveform digitizer for use with the sandia Data Acquisition and Display System (DADS)	1971
19720080038	Ray theory for an inhomogeneous moving medium	1971
19720080047	Qualification status of pulse engineering pulse transformer 10180388	1971
19720080048	Qualification status of J. M. Ney Company, commutator switch	1971
19720080049	Capacitor, fixed ceramic, hermetically sealed	1971
19720080050	Qualification status of Del Electronics power supply	1971
19720080051	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1971
19720080055	Series 9M environmental, contact resistance	1971
19720080056	Report of test on transformer, audio, RPN 352499-1	1971
19720080057	Report of test on relay, RPN 351094-1	1971
19720080058	The design and testing of a delayed parachute disconnect	1971
19720080066	A simple method to reduce radial oscillations of a relativistic electron beam caused by a bend in the guide pipe	1971
19720080069	Qualification report for microelectronic device per drawing 2638863	1971
19720080070	Environmental qualification test report: Program matrix module	1971
19720080072	Tactical landing system development program	1971
19720080078	C-5A heading and attitude monitor system maintenance analysis	1971
19720080079	Eddy viscosity in quiescent and coflowing axisymmetric jets	1971
19720080087	Proceedings of the Fuel-Air-Explosives Conference (1st), Volume 1, Book 1	1971
19720080091	The NOMAD buoy trail 1966-1970	1971
19720080095	Report of test on transformers, pulse, RPN 352924-1	1971
19720080096	Report of test on transformer, audio, RPN 352719-1	1971
19720080097	Report of test on transformer, power, 3 phase, RPN 353236-1	1971
19720080098	Report of test on three phase power transformer, 373303, OECO Corporation	1971
19720080104	Cord, detonating. 10 GR/FT	1971
19720080121	Acceptance test for Raytheon part no. 2888573-3, and Raytheon part no. 2888559-1, waveguide, attenuator, coaxial	1971
19720080122	Lessons learned, Headquarters, USASTRATCOM Signal Support Agency Phu Lam	1971
19720080123	Qualification status of IH/missile connector pair from Hugh H. Eby	1971
19720080124	Qualification status of microwave associates varactor diode APN 10182323	1971
19720080125	Qualification status of GHz varactor diode APN 10182323	1971
19720080128	Electronically commutated brushless dc motors: Experimental prototypes for aircraft application	1971
19720080131	Qualification status of Clare-Pender push switch APN 10670313	1971
19720080132	Qualification status of contact from precision metalsmiths	1971
19720080133	Qualification status of R.F. filter from electro networks	1971
19720080140	Dynamic environment of helicopters: Complete data	1971
19720080141	Sandia data acquisition and display system 2: Remote stations	1971
19720080143	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1971
19720080146	Mission analysis on command and control communications for theater air operations, A study of the practicality of modifying AN/APX-72 transponders for data link	1971
19720080147	System analysis and design study for a family of standard shelters and a logistic trailer for use by the US Marine Corps Fleet Marine Force in support of the AV-8A V/STOL aircraft	1971
19720080162	Close Air Support Weapon (CASW) concept formulation study. Volume 1, book 1: Technical discussion (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080163	Close Air Support Weapon (CASW) concept formulation study. Volume 1, book 2: Technical discussion (U)	1971
19720080167	Close Air Support Weapon (CASW) concept formulation study. Volume 2: Appendices (U)	1971
19720080168	Proceedings of the Fuel-Air Explosives Conference, 1st, 27 through 29 October 1971, volume 2 (U)	1971
19720080221	Comparative performance of the Phoenix and Sparrow missiles against high altitude targets (U)	1971
19720080230	AF/ACS computer security controls study (U)	1971
19720080238	Instructions for the use of the General Electric GE4/J6 study H2 dry turbojet engine estimated performance data deck, February 1971 (U)	1971
19720080241	Instructions for the use of the General Electrical GE4/J6 study H1 turbojet engine estimated performance data deck, October 1970 (U)	1971
19720080251	Preflight analysis of the YAIM-54A missile TP (Test Prototype) missions (U)	1971
19720080254	Production engineering measure for 18mm fiber optic inverter plate (U)	1971
19720080439	A method of increasing the accuracy of received data over a telemetry link	1971
19720080440	Plane subcritical flow past a lifting aerofoil: An improvement to Sell's method of calculation	1971
19720080489	Space shuttle booster airbreathing engine study	1971
19720080498	Fabrication and retention of uranium dioxide in tungsten-uranium dioxide composites containing 20 volume percent dispersed uranium dioxide	1971
19720080524	Diploma for detailed studies in acoustics. Application of the potentials of multilayers to the study of the diffraction by a circle for the Dirichlet interior problem	1971
19720080525	The question of active acoustic absorbers	1971
19720080527	Sound transmission of thin viscoelastic panels, finite and infinite, simple and multiple	1971
19720080528	A ruston and Hornsby T.A. gas turbine modified for operation on solid fuel thermodynamic design	1971
19720080530	Light dimmer control limit switch 65700/AM lamp load qualification test	1971
19720080532	Monthly record: Meteorological observations in Canada, November 1971	1971
19720080534	Annual report, 1970 - 1971	1971
19720080537	GaAs lasers for optical fibre systems	1971
19720080542	Investigation of prophylaxis against radiation injury X-rays, gamma-rays and neutrons	1971
19720080543	The enhancement of the pyroelectric properties of ferroelectric ceramics close to a phase boundary	1971
19720080546	Lead-tin telluride as infrared detector material	1971
19720080549	Provision of artificial wind velocity to the proposed NATO helicopter icing test facility in Norway	1971
19720080552	Air-drop trials of the RFD-GQ LTD unicross expendable/reusable type D1 and D2 parachutes	1971
19720080554	Non-linear streaming effects associated with oscillating cylinders	1971
19720080555	Qualification status of National Beryllia for 11223310	1971
19720080556	Qualification status of line section from microlab/FXR	1971
19720080563	Status of digital module testing	1971
19720080569	Qualification of TRW capacitor, fixed, film, metallized	1971
19720080571	Microcircuit evaluation and reliability Fairchild 9300 MSI investigation	1971
19720080572	Microcircuit evaluation and reliability second source evaluation of series 54 T2L	1971
19720080573	Conductive adhesives for bonding conductive silicon rubber	1971
19720080581	Report of test on servomotor-tachometer generator, 154558, Singer-General Precision, Incorporated, Kearfott Division	1971
19720080583	Target identification classification system for FOPEN radars	1971
19720080585	Qualification report for connector receptacle, electric per BuWeps drawing 2841227	1971
19720080587	Experimental aerodynamic characteristics of a fluidic controlled, antitank missile with wraparound fins at Mach numbers from 0.2 to 3.0. Volume 1: Data report	1971
19720080588	Relays, 5 less than 10 amp, hermetically sealed, 1-30 VDC sensitive, DPDT	1971
19720080592	Qualification of connectors for standard hardware program	1971
19720080602	DTL936. Integrated circuit, Logic gate	1971
19720080607	Report of test on step-down, power transformer, RPN 352979-1	1971
19720080609	DTL9093. Integrated circuit, flip-flop	1971
19720080610	Report of test on three phase power transformer, 373304, OECO Corporation	1971
19720080611	Report of test of high voltage pulse transformer, 373290, Raytheon Microwave and Power Tube Division	1971
19720080614	DTL930. Integrated circuit, logic gate	1971
19720080615	DTL932 Integrated circuit, logic gate	1971
19720080628	Designs to reduce aircraft flight control vulnerability	1971
19720080634	Qualification status of IH missile capacitor from Vitramon	1971
19720080637	Capacitors, fixed, plastic (or paper-plastic) dielectric (hermetically sealed in glass cases) Mil-C-19978C and Mil-C-19978/2A: Original test data	1971
19720080643	Thermal analysis of radio set AN/URC-9	1971
19720080649	Integrated circuit, logic gate, DTL 937	1971
19720080652	Qualification tests of BuWeps drawing 2316608 resistors	1971
19720080654	Mission analysis on command and control communications for theater air operations. System control for theater air operations	1971
19720080655	Qualification status of terminal board from national connector	1971
19720080656	Qualification of ICC capacitor from Sangamo	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080657	Qualification status of line section from RLC Electronics	1971
19720080659	Qualification report for transistor per drawing 2459241	1971
19720080661	Qualification tests of Dearborn metallized polycarbonate to drawing 2650347	1971
19720080663	Attitude control of a large, manned, non-spinning, earth orbiting space station with control moment gyros	1971
19720080673	The range insensitive axis, the range sensitive axis, the time insensitive plane	1971
19720080674	Evaluation of Omni Spectra RF terminations type 70020P-8991	1971
19720080678	High temperature subsonic rain and sand erosion resistant polymeric protective coatings	1971
19720080682	An ion-acoustic model of the radio aurora	1971
19720080697	QC engineering test report, Module, resistor array	1971
19720080698	A list of documents concerning life cycle costing	1971
19720080699	Environmental qualification test. Semiconductors, diode, general purpose, silicon, diffused	1971
19720080700	Evaluation of the TC26 and TC454 high-energy initiators	1971
19720080701	The measurement of mechanical impedance and its use in vibration testing	1971
19720080702	An analysis of the Cerenkov radiometer	1971
19720080706	Reliability verification test procedure 2760385-1: Integrated circuit, dual lever shifter	1971
19720080707	Reliability verification test procedure integrated circuit, 2760382-1	1971
19720080708	Reliability verification test procedure integrated circuit 2760381-1	1971
19720080709	Reliability verification test procedure integrated circuit, 2760380-1	1971
19720080710	Reliability verification test procedure integrated circuit 2760379-1, -2, -3	1971
19720080711	Second source qualification test of crystal oscillators	1971
19720080715	Storage of electrolytic capacitors	1971
19720080716	Production engineering measure for 25 mm flexible fiber optic rope	1971
19720080718	Source follower amplifier, connector mounting	1971
19720080721	Surface flow visualization on an ogive cylinder at angle of attack to a supersonic flow (test 3-173)	1971
19720080723	Report of test on switch, stator rpn 149788-1	1971
19720080734	Pyrotechnic laser	1971
19720080774	ADTC bibliography of technical reports for 1 July - 31 December 1971	1971
19720080778	Report of test on single-phase power and heater transformer, 37328, OECO Corporation	1971
19720080795	Safeguard BMD system. Development of standard design specifications and techniques for shock isolation systems. Volume 1: Design procedures, performance and design requirements and design methods	1971
19720080796	Safeguard BMD system. Development of standard design specifications and techniques for shock isolation systems. Volume 2: Theory and derivation of equations	1971
19720080797	Safeguard BMD system. Development of standard design specifications and techniques for shock isolation systems. Volume 3: Computer program user's manuals and sample problems	1971
19720080810	Mission analysis on command and control communications for theater air operations. Pulse spacing waveforms for tactical communication and decoding performance of pulse spacing codes	1971
19720080811	Mission analysis on command and control communications for theater air operations. Final report on switch systems study, volume 1	1971
19720080812	Mission analysis on command and control communications for theater air operations. Feasibility study of multi-use terminals for tactical communications	1971
19720080826	Experimental aerodynamic characteristics of a fluidic-controlled, antitank missile with wraparound fins at Mach numbers from 0.2 to 3.0. Volume 2: Tabulation of pressure data	1971
19720080827	Experimental aerodynamic characteristics of a fluidic-controlled, antitank missile with wraparound fins at Mach numbers from 0.2 to 3.0. Volume 3: Tabulation of pressure data	1971
19720080828	Application study of spin-stabilized weapon technology. Volume 1: Computerized stability analysis technique	1971
19720080829	Application study of spin-stabilized weapon technology. Volume 2: Preliminary rocket design data	1971
19720080837	International air travel on potential SST routes	1971
19720080841	Mission analysis on command and control communications for theater air operations. Air Force interservice interface study. Volume 1	1971
19720080842	Athena H AVE stress analysis, volume 5	1971
19720080851	Exoatmospheric scoring study. Volume 1: Application of the vector miss distance indicator to atmospheric scoring	1971
19720080887	Carrier Aircraft Support Study (CASS). Volume 13: Carrier Operational Performance Evaluation (COPE) computer program user's guide	1971
19720080903	Qualification of caging amplifier modules	1971
19720080905	Qualification status of IH missile capacitor from San Fernando	1971
19720080906	Qualification test report on Motorola, transistor, type 2 N834	1971
19720080912	Digital filter design using observers	1971
19720080913	Linear regulators and observers	1971
19720080919	Structural adhesives for cryogenic space vehicle applications	1971
19720080920	Solid H2 storage and thermal management experimental and analytical studies	1971
19720080921	Application of ultrasonic energy to portable drilling tools	1971
19720080922	Qualification test report on Fairchild semiconductor, transistor type 2N722	1971
19720080926	Qualification test report on RCA transistor 3 N154	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080927	Qualification test report on Sloan Instrument Corporation transistor, type 2 N3866	1971
19720080988	Applied Physics Division progress report, 1 October 31 December 1971	1971
19720080989	PFR-Arcton 22 stainless steel compatibility	1971
19720080990	COCO 5: A modified version of COCO	1971
19720080991	Buckling instability in tubes subject to an internal and external axial fluid flow	1971
19720081017	Application of holometry to deformation analysis of spheres	1971
19720081033	Tensile and compressive test specimens for unidirectional carbon fibre reinforced plastics	1971
19720081034	Some modifications to the calculation method for wings with part-span extending chord flaps given in RAE technical report 69034	1971
19720081060	Binary arithmetic programmed shift registers as computer elements	1971
19720081101	Radio altimeter flight testing. A device for automatically measuring and recording the return signal strength of a radio altimeter system in flight	1971
19720081109	Qualification/acceptance test report on high current resistor	1971
19720081120	Decca MK 5 roller map: Flight trials of a production version in a Wessex helicopter	1971
19720081122	Cushioned loop clamp	1971
19720081123	Cap, protective, moisture and dust seal-vinyl flange	1971
19720081131	Mission analysis on command and control communications for theater air operations. Final report on switch systems study	1971
19720081132	Mission analysis on command and control communications for theater air operations. Millimeter radio transmission for intra-base communications	1971
19720081147	Proceedings of the 1st Fuel-Air Explosives Conference, volume 1, book 2	1971
19720081149	Advanced electron device technology	1971
19720081155	Sea surface effects on air-water optical communications. Volume 1: Experiment, analysis, and results	1971
19720081166	Digital photometric and polarimetric surveys of water and land areas	1971
19720081185	Atmospheric linear attenuation at 10.59 microns and 3.80 microns	1971
19720081189	Qualification tests of BuWeps drawing 2212690 resistors	1971
19720081202	Optics research: 2	1971
19720081224	Application of high velocity and high pressure fabrication methods using powder metal for production of missile components	1971
19720081226	Analysis of pilot/system performance in carrier approach	1971
19720081227	Heat transfer measurements of Kynol and Kynol/Nomex blends	1971
19720081229	Nuclear weapons effects protective equipment; deletion of white woolen scarf from	1971
19720081231	Crimp Qualification of QPL contact MS27494-22,/ size 22 AWG stranded wire and tool 696850	1971
19720081235	DFR driver charge behaviour	1971
19720081236	Study of M316 fuel can deformation by the swelling of oxygenated copper in a hydrogen atmosphere	1971
19720081238	FROTH: A code for calculating steady state situations related to fast reactor core explosions	1971
19720081239	Post-irradiation investigation of PSB fuel rods. Fission gas behavior in oxide fuel	1971
19720081251	Research in computational plasma physics	1971
19720081257	Time domain deconvolution technique for the correction of transient measurements	1971
19720081258	Wondy 4: A computer program for one-dimensional wave propagation with rezoning	1971
19720081263	Trip report: First International Conference on Structural Mechanics in Reactor Technology, and post conference meeting	1971
19720081269	Chemistry and Materials Science Division	1971
19720081270	Chemistry and Materials Science Division	1971
19720081271	Chemistry and Materials Science Division	1971
19720081278	Effects of acceleration upon combustion rate test. Aluminized Mylar	1971
19720081304	Space shuttle auxiliary propellant valves	1971
19720081372	High Altitude Engineering Laboratory	1971
19720081427	Automatic analysis of cryogenic material	1971
19720081446	A description of a multichannel ejectortest facility and preliminary test results	1971
19720081449	AFAPL aircraft fire test program with FAA, 1967 - 1970	1971
19720081458	Qualification testing of high speed rectifier diodes, volume 3	1971
19720081459	Qualification testing of high speed rectifier diodes, volume 2	1971
19720081460	Quality assurance briefs	1971
19720081461	Marotta solenoid valve, VPN 806097-1, NASA P/N 75M08823-4, service arm system, ML-3	1971
19720081462	Experience applicable to the Viking lander from a study of related space flight projects	1971
19720081463	Failure analysis of 304 stainless steel tubing	1971
19720081464	Evaluation of corrosion damage in Gelman Instrument Company pressure rinser, model 7074 (H4 code 16868)	1971
19720081466	Production engineering measure, crystal unit CR-(XM-69)-U and CR-(XM-70)-U	1971
19720081473	C3 PAT lot verification test. Resistor, fixed, metal film, precision, molded or dipped, .10-125 watts	1971
19720081474	C3 PAT lot verification test. Resistor, fixed, metal film, precision, molded or dipped, .05-.10 watts	1971
19720081475	C3 PAT lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .05-.10 watts	1971
19720081476	C3 PAT lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .05-.10 watts	1971
19720081477	C3 PAT low verification test. Resistors, fixed, metal film, precision, molded or dipped, .05-.10 watts	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720081488	Evaluation of National Electronics SCR per GE drawing number 7060961	1971
19720081492	Failure analysis, metal flex hose, air conditioning fan coil unit	1971
19720081493	Liquid level gage (Barton Instrument Company) manufactured for Air Products Chemical Company, P/N SCR34818-1	1971
19720081494	Failure analysis of ring assembly, upper spacecraft LM adapter fitting, GSE handling equipment	1971
19720081495	Compatibility of lubricants with LOX and of tygon tubing with hydrogen peroxide	1971
19720081496	Flammability tests of five nonmetallic materials	1971
19720081497	LOX compatibility of Thiotok sealant for DTI-M-15A class 2 and 3 applications	1971
19730001553	NASA directory of observation station locations, volume 2	1971
19730001932	Irradiation effects in superconducting synchrotron magnets	1971
19730001977	Applied magnetohydrodynamics. Volume 8: Characteristic analyses of the electron gas equation in nonequilibrium magnetohydrodynamics	1971
19730002347	Biomedical acceptability of 45- to 60-day space flight	1971
19730003404	Calculation of the diffusion of dissolved hydrogen in a Zircaloy-yttrium combination at spatially constant temperature	1971
19730003462	DORCA computer program. Volume 2: Programmer's manual	1971
19730003463	DORCA computer program. Volume 3: Program listing	1971
19730003546	Study of the new central region of the CERN synchrocyclotron	1971
19730003685	Discussion of an apparent relationship between ozone densities above 25 km and geomagnetic activity	1971
19730003740	Some work in the field of time measurements	1971
19730003829	Determination of oxygen, silicon, phosphorous, and copper in iron and steel by 14-MeV neutron activation analysis	1971
19730004009	Low-energy X-ray spectrometry using semiconductors	1971
19730004057	Status of the research on closed cycle MHD power generation	1971
19730004085	Nuclear spectrometry with semiconductor detectors	1971
19730004086	Field errors due to winding tolerances in a superconducting bending magnet	1971
19730004087	Most driven liquid crystal display	1971
19730004192	Considerations for on-orbit vehicle readiness operations	1971
19730004242	Forced convection heat transfer and burn-out measurements with twisted tapes	1971
19730004541	Detailed design study for the NINA booster, volume 1	1971
19730004543	Study and development of quadrupolar focusing lenses for a helicoidally focused heavy ion accelerator	1971
19730004656	Evolution of the physical picture of the world, 1	1971
19730004657	Ionospheric tilts in the F region in the absence of spread F near the magnetic equator	1971
19730004806	Metallographic study of neutron irradiated and unirradiated 12R72HV after tensile testing	1971
19730004932	Study of a magnetic device with longitudinal field for experimentation with Adone	1971
19730004944	Optics of the magnetic spectrometer in approximations of the first and second orders. Part 1: The differential equation of the trajectory in precise form	1971
19730004946	Peculiarities of formation of magnetic fields, similar in a broad range of inductions	1971
19730004964	International cooperation in the field of nuclear data	1971
19730004966	Ionization of dielectric liquids by high energy radiation studied by means of electrical conductivity methods	1971
19730004974	Isotope separation using laser excitation	1971
19730004979	Experiments for determining the electron density in the absorbing layer of laser-produced plasmas	1971
19730005012	Aspects of a pulsed superconducting bending magnet	1971
19730005013	Principles of calculation, optimization, and cost factors of normally conducting cryotechnical and superconducting magnets for experimental plasma physics	1971
19730005494	Noise in Au-nSi diodes operating in the avalanche region in the presence of charges injected by radiation	1971
19730006356	Development of the radio-isotope power generator Tristan	1971
19730006530	Realization of synchronous rotation of some rotors suspended in a magnetic field	1971
19730006549	Measurement standards for use in physics	1971
19730006590	Experimental study of mixed convection in a pipe	1971
19730006591	Two-phase flow transients and the stability of once-through steam generators	1971
19730006593	Air-water, annular flow in a horizontal tube	1971
19730006894	A new approach to singular discrete time filtering and control	1971
19730006971	Nuclear energy in the Philippines: An annotated bibliography	1971
19730007025	Spectroscopic measurements in the Tokamak type facilities	1971
19730007201	Constant stress intensity factor fatigue crack propagation testing: Development of apparatus and preliminary results	1971
19730007233	Design considerations of heat exchangers for vaporizing fluids	1971
19730007985	Penetration of travelling high-frequency electromagnetic field into a non-transparent plasma	1971
19730007986	Theory of parametric excitation of oscillations in an inhomogeneous plasma	1971
19730008017	Switching effect in silicon oxides doped by ion implantation	1971
19730008358	Infrasound	1971
19730008468	Induction coil of finite length for absolute measurements of the electroconductivity of media	1971
19730008958	Meteorological data at the Oarai site	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730009033	Report of the EURATOM controlled fusion advisory group on open adiabatic configurations and radio frequency plugging	1971
19730009036	Production and detection of radiation in the Holweck energy band: Applications to plasma-laser spectroscopy and photoionization of Bi	1971
19730009039	Studies on a rotation in the polarization of an electromagnetic wave propagating in a magnetized plasma	1971
19730009401	A study of liver microsomal cytochromes following chronic exposure to dichloromethane	1971
19730009402	Continuous animal exposure to methylene-chloride	1971
19730009977	A systematic study of supersonic jet noise	1971
19730011118	High latitude electron and proton precipitation at different local times and magnetic activity	1971
19730011119	Pitchangle distributions of (100 to 300) keV protons measured by the ESRO 1B satellite	1971
19730011120	Physics of high energy particles, cosmic showers, modulation of cosmic rays, high atmospheric meteorology, and application of solar radiation to other areas of science	1971
19730012756	Numerical methods in the theory of rarefied gases	1971
19730014048	The mean photospheric magnetic field from solar magnetograms: Comparisons with the interplanetary magnetic field	1971
19730014068	Solar magnetic fields: Extended	1971
19730014069	A 2 cm radiometer data catalog, 29 June 1967 - 10 March 1970	1971
19730014070	A study of the five minute oscillations, supergranulation, and related phenomena in the solar atmosphere	1971
19730060775	Apollo ground support equipment maintenance handbook: Descent battery power substitute console model C54-010 (part no. N56-850000)	1971
19730060781	Apollo CSS (Cryogenic Storage and Supply) system flight data	1971
19730060849	Unusual dielectric behavior of solid cyclopentanol and molecular motion	1971
19730060916	A four-flagged lemma	1971
19730061031	The formation of excited atoms during charge exchange between hydrogen ions and alkali atoms	1971
19730061095	The pH-conditional, ammonia assimilation-deficient mutants of Hydrogenomonas eutropha: Evidence for the nature of the mutation	1971
19730061105	Auxin control for orientation of pea roots grown on a clinostat or exposed to ethylene	1971
19730061332	Lateral transport of auxin mediated by gravity in the absence of special georeceptor tissue	1971
19730061584	Dissipative periodic processes	1971
19730061758	Social criteria for evaluation of space application projects: Uses and design considerations	1971
19730062084	Daily fluctuations of DNA synthesis in the corneas of Rana pipiens	1971
19730062098	Hormonal interrelationships in response to carbohydrate-free isocaloric diets in normal man	1971
19730062128	Trust, Openness, and Organizational Development: Short-Term Relationships in Research and Development Laboratories and a Design for Investigating Long Term Effects	1971
19730062152	An organization theory perspective on the development of new organizational functions	1971
19730062157	A strategy for institutionalizing change interventions in organizations: An action model	1971
19730062204	Airborne particle size measurements using a laser extinction spectrometer and an optical array spectrometer	1971
19730062469	Hormone and fuel interrelationships in normal man during restricted carbohydrate diets	1971
19730062632	Management sciences and policy sciences	1971
19730062642	TMS derivatization in aqueous solutions	1971
19730062644	Extraction procedure for TMS carbohydrate ethers	1971
19730062645	Detection of sugars by direct combustion in a flame ionization detector	1971
19730062648	Polyols from formaldehyde	1971
19730062662	Calibration test equipment contract end item specification for ultraviolet spectrometer experiment S169	1971
19730062672	Considerations in the study of reaction sets	1971
19730062673	Investigation of ion acoustic wave propagation	1971
19730062749	Noncooperative N-person game theory (N equals or greater than 2) using expected relative desirability criterion	1971
19730062755	Preshock-produced intensification of passive avoidance responding and of elevation in corticosteroid level	1971
19730062844	Aryl-substituted phosphonitrilic fluorides. 5: Phosphorus-phosphorus coupling constants in phenyl-substituted phosphonitrilic fluoride trimers	1971
19730062869	Plasma corticosterone levels during extinction of a lever-press response in hippocampectomized rats	1971
19730062932	Condensation cyclization reactions of electron deficient aromatics. 3: N-bromosuccinimide oxidation of bicyclic dinitropropenides to isoxazoline N-oxides	1971
19730062934	Management sciences and policy sciences	1971
19730062983	Carrier density fluctuation noise in silicon junction field effect transistors at low temperatures	1971
19730063003	Analysis of base composition of RNA and DNA hydrolysates by gas-liquid chromatography	1971
19730063004	The complete gas-liquid chromatographic separation of the twenty protein amino acids	1971
19730063005	A nanogram and picogram method for amino acid analysis by gas-liquid chromatography	1971
19730063006	Trimethylsilylation of amino acids. Derivatization and chromatography	1971
19730063009	A search for amino acids in apollo 11 and 12 lunar fines	1971
19730063010	Gas liquid chromatography of the purine and pyrimidine bases	1971
19730063011	Quantitative amino acid analysis by gas-liquid chromatography	1971
19730063015	The chemistry of aryltetraamines. 2: The synthesis of 2, 3, 5, 6-tetraaminopyridine	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730063016	Interval scanning photomicrography of microbial cell populations	1971
19730063018	Microflora of soil as viewed by transmission electron microscopy	1971
19730063020	Optimization of life support systems reliability by an integer programming	1971
19730063021	Optimal set-point change control of a tubular heat exchanger	1971
19730063022	An integrated human thermal system and its unsteady state simulation	1971
19730063028	Vertical shear in the Jovian equatorial zone	1971
19730063029	Formation of splenic megakaryocytes in young rat	1971
19730063031	Parametric amplification of Alfvén waves	1971
19730063033	Parameter adaptive control of a class of time-varying plants qs	1971
19730063034	Time-dependent heat capacity in the glass transition region	1971
19730063035	Wide aperture channel plate electron multipliers for mass spectrometer applications	1971
19730063036	The intersection of quantum electronics and astrophysics	1971
19730063037	Effects of collisional excitation on the intensities of the 5876 Å and 4471 Å lines of neutral helium	1971
19730063039	Nonrandom distribution of lunar craters	1971
19730063198	An iterative clustering procedure	1971
19730063204	Eigenvalues and certain expectation values for all bound and quasibound levels of ground-state (Chi 1 Sigma plus)H ₂ , HD, and D ₂	1971
19730063207	Adsorption of cadmium ions from KOH solution at a platinum electrode	1971
19730063214	Dehydration and decomposition of divalent metal squarates	1971
19730063243	Biochronometry	1971
19730063298	Error correcting codes in computer arithmetic	1971
19730063328	Measurement of the energy dependence of the reaction cross section for K plus CH ₃ I yields KI plus CH ₃ from 0.1 to 1 eV (cm) using a new crossed molecular beam scattering apparatus	1971
19730063335	Microorganisms in unamended soil as observed by various forms of microscopy and staining	1971
19730063341	Dissociation energies and long-range potentials of diatomic molecules from vibrational spacings: The halogens	1971
19730063368	Molecular beam study of the desorption of cesium ions from tungsten crystals	1971
19730063408	Homotopic classification of minimal periodic	1971
19730063416	Selection rule for reversible reaction, positive sigma hyperon yields negative sigma hyperon, transitions in electron-molecule collisions	1971
19730063417	Excitation of the metastable E 3 sigma g plus state of N ₂ by electron impact	1971
19730063519	Apollo 16 ALSEP array D flight system familiarization manual	1971
19730063585	Materials properties data book. Volume 4: Manual of materials data release memoranda. Part 1: DRM 01 through 04	1971
19730063586	Materials properties data book. Volume 4: Manual of materials data release memoranda. Part 3: DRM 24 through 45	1971
19730063587	Materials properties data book. Addendum: Compilation of data obtained since 15 November 1970 qualifying for inclusion in materials properties data book	1971
19730063665	Truncated plug nozzle computer program documentation, volume 1	1971
19730063666	Truncated plug nozzle computer program documentation, volume 2	1971
19730063719	Materials properties data book. Volume 4: Manual of materials data release memoranda. Part 2: DRM 05 through 23	1971
19730063757	The elastic constants of the constituent phases of dental amalgam	1971
19730063760	General necessary conditions for input-output stability	1971
19730063780	Prosthetic and restorative materials for bone	1971
19730063781	The pressure dependence of the elastic constants of dental amalgam	1971
19730063782	Birefringence analysis of inhomogeneous swelling in filled elastomers	1971
19730063786	The micromechanics of elastomer networks	1971
19730063787	Micromechanics of fiber networks	1971
19730063791	Collision spectroscopy. 4: Semiclassical theory of inelastic scattering with applications to He(plus) plus Ne	1971
19730063794	A large area gas Cerenkov telescope for high energy gamma ray astronomy	1971
19730063799	Critical mass (hypothesis and verification) of liquid rocket propellants	1971
19730063822	A composite model of the elastic behavior of dental amalgam	1971
19730063826	Copulation and eating during electrical stimulation of the rat hypothalamus	1971
19730063827	Brief communication on drinkometers: Problems and an inexpensive photocell solution	1971
19730064258	An EPR study of a smectic C liquid crystal: A new method for determining the tilt angle	1971
19730064263	Six Component Supersonic Force and Moment Tests of the Hexagonally-Shaped SNAP 19/Pioneer Heat Source	1971
19730064264	SNAP 19 Pioneer Heat Source Hypersonic Heat Transfer Test Report	1971
19730064307	Biochemical adaptation in rat liver in response to marginal oxygen toxicity	1971
19730064315	Development of high strength tantalum base alloys	1971
19730064327	The development of a metagalactic system consisting of matter and antimatter	1971
19730064482	Biochemical adaptation in rat liver in response to marginal oxygen toxicity	1971
19730064617	On the rate of convergence of certain methods of centers	1971
19730064629	A refined doubly-curved axisymmetric orthotropic shell element	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730064630	Examination of Surveyor 3 surface sampler scoop returned by Apollo 12 mission	1971
19730064694	Foundations of Systems: for Decision, Planning, Control and Social/Economic Analysis	1971
19730064704	Apollo operations handbook: Extravehicular mobility unit. Volume 1: System description, CSD-A-789-(1), Apollo 15-17, revision	1971
19730064705	Apollo operations handbook extravehicular mobility unit. Volume 2: Operational procedures CSD-A-789-(2), Apollo 15-17, revision 3	1971
19730064717	Apollo cryogenic storage systems tank development support	1971
19730064859	Apollo mission H3 CSM 110 cryogenic storage system preflight performance report	1971
19730065768	Bonding of metal lubricant films by ion plating	1971
19730065835	Application of the impedance method to the dynamic analysis of fluid distribution systems	1971
19730065889	Lift fan V/STOL transport flight control system investigation. Phase 1: Analytical study	1971
19730065890	Lift fan V/STOL transport flight control system investigation. Phase 2: Moving base simulation	1971
19730065913	Expendable second stage reusable space shuttle booster. Volume 11: Cost and schedule estimates	1971
19730065960	Synchronous meteorological satellite system description document, volume 1	1971
19730065961	Synchronous meteorological satellite system description document, volume 2	1971
19730065963	Implementation of research and applications payloads at the launch site, volume 1 and appendix	1971
19730065964	Implementation of research and applications payloads at the shuttle launch site, volume 2 and appendix	1971
19730065998	Single-stage earth-orbital reusable vehicle space shuttle feasibility study. Volume 5: Operations definition	1971
19730066053	Delta orbit error analysis TD-1	1971
19730066088	Refocusing of the spent axisymmetric beam in coupled cavity traveling wave tubes	1971
19730066109	Single-Stage Earth-Orbital Reusable Vehicle Space Shuttle Feasibility Study. Volume 1: Summary	1971
19730066110	Single-stage earth-orbital reusable vehicle space shuttle feasibility study. Volume 2: Aerodynamic model testing	1971
19730066158	Space Shuttle Feasibility Study. Volume 3: Concept Evaluation Appendixes	1971
19730066159	Single-stage earth-orbital reusable vehicle space shuttle feasibility study. Volume 4: Vehicle definition, appendixes	1971
19730066199	Studies on the circadian leaf movements of pinto beans	1971
19730066201	The design of an interactive information storage and retrieval system for human factors data and literature: A program plan	1971
19730066271	Explosive and pyrotechnic propellant aging study (U)	1971
19730066523	CSM/LM spacecraft operational data book. Volume 3: Mass properties data book	1971
19730066553	Automated decision taking in ATC	1971
19730066555	Flight planning by air traffic control	1971
19730066593	Space shuttle auxiliary propulsion system design study	1971
19730066616	Space shuttle Auxiliary propulsion system design study	1971
19730066636	Small signal amplification	1971
19730066637	Hand valve, VPN C56256, NASA P/N 75M05753-HGLV-13, LH2 storage area purge system, Powell (W. M.) Company	1971
19730066638	Manual valve, VPN C56256, NASA P/N 75M05753-HGLV-13, LH 2 storage area purge system, Powell (W. M.) Company	1971
19730066639	Solenoid valve, Flomatics, VPN 6552, auxiliary GOX service unit, ECS system, LM GSE	1971
19730066640	Failure analysis of pressure snubbers (3 each) industrial water system	1971
19730066642	Radiation effects on electronic parts	1971
19730066645	Crimp Qualification of Bendix contact pin P/N 10-407120-16F with tool 696901 (1484857) onto one size 22 AWG stranded wire	1971
19730066648	Development and demonstration of low cost boron filament formation process	1971
19730066649	Study of protective materials used in tumbling areas	1971
19730066651	Mission analysis on command and control communications for theater air operations, design and operational concepts for a Remotely Piloted Vehicle (RPV)	1971
19730066657	Cure analysis of silicone cable termination compounds	1971
19730066660	Optimal smoothing in the frequency domain of a finite record of a sampled data	1971
19730066671	Advanced controls technology	1971
19730066686	Concept of operations for determining the operational capabilities and limitations of air launched guided weapon systems	1971
19730066690	Design and development of a cryogenically cooled high resolution interferometer	1971
19730066695	SAFEGUARD BMD system modification of the WAVSYN computer program	1971
19730066703	Radiation pyrometer for gas turbine blades	1971
19730066704	Radiation pyrometer for gas turbine blades	1971
19730066721	Heatsink, electrical-electronic component	1971
19730066726	Results of heat transfer and pressure drop measurements with helium on a bundle with 16 tubes	1971
19730066738	Theoretical analysis of impact composite plates. Part 1: One-dimensional transient waves in anisotropic plates	1971
19730066752	CSM spacecraft operational data book. Volume 2: LM data book, part 1	1971
19730066823	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle	1971
19730066824	Development of the carbon monoxide atmospheric pollution experiment	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066834	On the mechanism of subjective similarity for unidimensional continua	1971
19730066835	Determination of solar heating of steel panels protected with zinc-rich coatings and various topcoats	1971
19730066836	Evaluation of ball bearing lubt from 1000 HP Fairbanks Morse type QZK P1 pump motor	1971
19730066837	Breaking strength of industrial safety belts	1971
19730066838	The use of hot wire resistance measurements to select homogeneous fuses	1971
19730066839	Investigation into the causes of noise generation in TR tubes	1971
19730066840	An assessment of the decca Doppler 71 as a means of measuring the take off and landing performance of aircraft	1971
19730066841	The Energy Conversion Limited Mod 1A 2.5 kW hydrogen air bread board fuel cell system: Its characteristics and performance	1971
19730066842	A study of dye laser systems	1971
19730066844	Oil reconnaissance in the Magdalen Islands, 1970	1971
19730066847	Iceberg tracking off the Labrador coast by aircraft of Maritime Command, 1970-1971	1971
19730066848	Test report of night vision devices on a full tracked armored vehicle (XM701)	1971
19730066853	Production engineering measure for hybrid quartz filters 10 MHz to 30 MHz	1971
19730066855	Braze quality of ground and non-ground carbides	1971
19730066863	Tests of Wessex helicopter flotation equipment at low temperatures	1971
19730066884	EMP simulator design-specification sensitivity study	1971
19730066911	Fathometer, depth recorder model DE-719	1971
19730066925	Failure analysis of bolt, NASA P/N 75 M09217-2, holddown arm no. 1, mobile launcher deck	1971
19730066926	Failure analysis of water spray nozzles, P/N 1M10680	1971
19730066939	Atmospheric effects upon laser eye safety, part 2	1971
19730066940	Semiconductor device diode-silicon power	1971
19730066941	Chip qualification transistor, NPN, silicon, switching	1971
19730066942	Wire-guided self-propelled water sampler	1971
19730066943	Preliminary tests on a vortex shedding current meter	1971
19730066966	Qualification test report. Semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1971
19730066978	Design, develop, fabricate, and test monolithic inhabited propellant grain	1971
19730066996	Silicon diode array remote view tubes and targets	1971
19730067013	Delayed failure in glass	1971
19730067022	Report of test on incandescent, projection readouts	1971
19730067024	Transformer, pulse, per Mil-T-21038 3 US 20 VPP pulse at 10 KHz rep rate	1971
19730067027	Methodology investigation of liquid propellant analysis by gas-liquid chromatography	1971
19730067029	Compoment evaluation report: Transformer, pulse, NOC, enclosed	1971
19730067036	Recommendations of the Panel for Lunar and Planetary Surface Mobile Science and Traverse Planning relative to the scientific missions of the Mars automated roving vehicles	1971
19730067045	Skylab in-flight experiments: Summary descriptions	1971
19730067048	In-orbit aerodynamic data for the Skylab orbital assembly configuration with and without the docked CSM	1971
19730067139	Aerodynamic characteristics of a space shuttle launch configuration consisting of a delta wing orbiter and delta wing booster (M equals 0.6 to 2.0)	1971
19730067162	Updating of protective coating	1971
19730067171	Radiation pyrometer for gas turbine blades	1971
19730067172	Effect of interfaces in metal matrix composites on mechanical properties	1971
19730067173	Qualification test of BuWeeps DWG 2316698	1971
19730067180	Qualification test report. Semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1971
19730067190	On the climate near the ground and the temperature environment of Alpine plants	1971
19730067191	Compatibility and stability testing of solid propellants by heat flow calorimetry. Part 1: The effect of a range of compatible and incompatible materials on the heat generation of a double-base propellant	1971
19730067192	Ice summary and analysis, 1969: Canadian Arctic	1971
19730067193	The analysis and forecasting of sea and swell conditions in deep water	1971
19730067194	Arctic summary: A semiannual summary of meteorological data from the joint Arctic and other weather stations on the Arctic islands, July to December 1971	1971
19730067204	Qualification status of missile varactor from microwave	1971
19730067217	Surface-wave propagation. 1: The effect of ocean waves. 2: The effect of ducting	1971
19730067239	Development of low-cost ferrite parts for phasers and microwave integrated circuits	1971
19730067254	Aircraft/Stores Compatibility Symposium Proceedings, volume 2	1971
19730067263	Preconditioning and screening requirements, AIM-9L electronic components	1971
19730067274	Evaluation of Teledyne 61A-20B2-9z solid state relays	1971
19730067283	Intermediate and high atomic number dosimeters	1971
19730067293	Symposium Stall/Post-Stall/Spin	1971
19730067305	Systems analysis of amphibious landing craft: Comparisons of revised designs of advanced landing craft	1971
19730067307	Generation of Astron-type E-layers using very high current electron beams	1971
19730067320	Report of test on resistor, variable, wirewound, RPN 353913-1	1971
19730067321	Report of test on resistor, fixed wirewound, RPN 354861-1	1971
19730067322	Report of test on resistors, fixed, wirewound, RPN 354860-1	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067323	Report of test on resistors, fixed wirewound, non-inductive, RPN 350797-408	1971
19730067345	The improved Convective Heating and Ablation Program (CHAP)	1971
19730067376	Qualification of six matched sets and two sets unpotted reactor and four sets for life test	1971
19730067392	Filmless Automatic Bond Inspection System (FABIS)	1971
19730067394	Qualification status of Waterman Hydraulic Incorporated for APN 10179102	1971
19730067398	Fluidic air data simulator feasibility study	1971
19730067399	Pulsed laser welding of all titanium diffusion bonded honeycomb panels	1971
19730067400	Evaluation of type MC8241F microelectronic circuit, exclusive - or - element. Manufactured by Motorola second source for 310138	1971
19730067401	Evaluation of type US54H53J microelectronic circuit AND-OR Invert Gates Manufacturing by Sprague Electric. Second source for SCN 310079	1971
19730067402	Evaluation of type S54H01Q microelectronic circuits NAND gate manufactured by Signetics. Second source for SCN 31	1971
19730067403	Evaluation of type 90221B microelectronic circuits, J-K flip-flop manufacturing by ITT. Second source for 310137	1971
19730067409	Temperature cycle test on new Texas Instruments product (addendum)	1971
19730067410	Qualification of Motorola for 11241690	1971
19730067430	High current techniques in modern research and development in nuclear fusion	1971
19730067503	Spectrometer development for quantitative measurements of short X-rays and ultraviolet radiation	1971
19730067531	Conceptual design studies of candidate V/STOL lift-fan research transport, part 1, task 1	1971
19730067629	Semiannual status report	1971
19730067641	The energy conversion limited Mod 2 hydrogen-air fuel cell power plant	1971
19730067642	Engineering ceramics	1971
19730067643	Pressure relief valves (2) SAGE P/N 1-2118A, S/N 3132 and 5492, excessive leakage below cracking P	1971
19730067644	Malfunction analysis, cable, alpha wire, type RG-11 A/U, operational television patch cable	1971
19730067645	Temtech temperature meter, PN 10522-2. Environmental system GOX system	1971
19730067646	Thermal evaluation of Furane 5712	1971
19730067647	Evaluation of burst discs used on cryogenic hydrogen samplers	1971
19730067648	Evaluation of instapak foam-in-place urethane	1971
19730067649	Electrical resistance of bolted structural joints	1971
19730067650	Flammability and electrostatic tests on Monarch carpet	1971
19730067656	Symbolic differentiation with APL	1971
19730067664	Reliability analysis of Titan 3 C/D exit closure ordnance system	1971
19730067672	The direct graphitization of acrylonitrile copolymer yarns	1971
19730067685	ACCB 1 air cavalry attack platoon test report, volume 2	1971
19730067691	Results of preconditioning tests on P/N 10668689	1971
19730067692	Qualification status of missile reactor from Transmagnetics, Incorporated	1971
19730067695	LORA program (level of repair analysis)	1971
19730067696	C-141 pressure door latch mechanism lock actuator qualification test (ECP 780-h)	1971
19730067701	The 70-MM image intensified camera	1971
19730067736	Scout S-144CR, Final flight report	1971
19730067747	C3 PAT Lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .05-.10 watts	1971
19730067748	C3 PAT Lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .125-.25 watts	1971
19730067749	C3 PAT Lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .05-.10 watts	1971
19730067753	Silicone potting compounds	1971
19730067767	Comparison of color vision tests used by the military services	1971
19730067899	Secede experiments (U)	1971
19730067928	Skylab heater and thermostat assemblies	1971
19730067951	Single-stage Earth-orbital Reusable Vehicle space shuttle feasibility study. Volume 4: Vehicle definition	1971
19730067957	The study of optical properties and collective oscillations in new solid state materials as a function of temperature using infrared and Raman techniques	1971
19730067971	Launch operations backup data, OSSA low cost LV study	1971
19730068050	Dynamics of unsteady cavitating cascades	1971
19730068052	Spectroscopic observations of the planets	1971
19730068077	Development of the carbon monoxide atmospheric pollution experiment	1971
19730068082	C3 PAT Lot verification test. Resistor, fixed, tin oxide, NOC, molded or dipped, .125 - .25 watts	1971
19730068097	The room temperature creep behavior of wrought and as-welded TiAL-4V (STA)	1971
19730068112	Program test plan and report for testing of modified scout jet vanes	1971
19730068113	Age qualification test report, test set electronic circuit plug in unit	1971
19730068145	Nondestructive testing of titanium tube braze joints	1971
19730068149	Microbiological methodology investigation (microbial assimilation and metabolic waste formation during biodegradation)	1971
19730068164	Qualification of connectors for standard hardware program	1971
19730068165	Status of MK 88 POSEIDON module testing	1971
19730068177	Report of test on heating element assembly, dual part number 43-3415-1	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068178	Environmental tests of runway end identifier lighting system manufactured by Unitron	1971
19730068179	Airborne laser installations	1971
19730068181	C3 PAT Lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .10-.25 watts	1971
19730068211	Beckman Electrolung 2 mixed gas, closed circuit, underwater breathing apparatus	1971
19730068232	High temperature elastomer networks from difunctional block polymers	1971
19730068233	Status of Mk 88 (Poseidon) digital module testing	1971
19730068250	The need for Air Force engine stability margin testing for inlet-engine interface definition	1971
19730068255	Status of digital module testing	1971
19730068256	Investigation of self induced thermal effects of CO2 laser radiation propagating in absorbing gases	1971
19730068257	Production engineering measure for optical integrators, optical windows and projection lenses for laser diode arrays	1971
19730068291	A ring shear test for quantitatively measuring adhesion of metal deposits	1971
19730068311	Preproduction test sample report for the EAP-6189 thermal battery	1971
19730068312	Development and dynamic testing of an energy absorbing helicopter crew seat	1971
19730068325	Quality verification test data for resistor modules, drawing no. 2439994	1971
19730068336	Production engineering measure. Computer aided design system for linear integrated circuits	1971
19730068342	Qualification and evaluation of Siliconix 2N4416 N-channel field effect transistor	1971
19730068347	Expandable carcass - replaceable tread tire	1971
19730068348	Human factors evaluation of submarine escape. 3: The effects of three types of charging connectors on disconnect time	1971
19730068354	ARPA big light test plan, volume 1	1971
19730068360	Evaluation of transistors (2N1477)	1971
19730068398	C3 pat lot verification test. Resistor, fixed, wirewound, NOC, molded or dipped, .05-1 watt	1971
19730068399	C3 pat lot verification test. Resistor, fixed, wirewound, NOC, molded or dipped, 1-2 watts	1971
19730068400	C3 lot verification test. Semiconductor, transistor, general purpose, silicon PNP, planar, metal can	1971
19730068402	Evaluation of transistors (2N1922)	1971
19730068403	Failed part analysis report scout control pressure switch	1971
19730068404	C3 lot verification test. Semiconductor,transistor, general purpose, silicon NPN, planar, metal can	1971
19730068405	Joining TDNiC by CSDB: A review of Solar's position in this field	1971
19730068406	Hot corrosion resistant aluminide coatings of controlled compositions for nickel base superalloys	1971
19730068410	Protective covers for Hybrid Thin Film Circuits (HTFC)	1971
19730068411	Comparison of micro properties of cast A356-T6 and tens 50-T710	1971
19730068412	Chemical film protection of Minuteman MGSC box heat exchangers	1971
19730068422	Economic analysis of the AN/USM-247(V), VAST (Versatile Avionics Shop Test) system	1971
19730068456	Air force manufacturing methods program 1971 annual report. Volume 1: Active and completed projects	1971
19730068461	Synchronous filter modules test report	1971
19730068470	Qualification of twenty-five mirror damper assemblies	1971
19730068471	Qualification of detector and synchronous filter modules (A-3)	1971
19730068474	C3 PAT lot verification test. Resistor, fixed, carbon film, NOC, ceramic, .25 - .50 watts	1971
19730068475	C3 PAT lot verification test. Resistor, fixed, carbon film, noc, ceramic, .25 - .50 watts	1971
19730068479	Stainless steel tubing, Trent seamless type 304, 1/2 inch by 0.049 inch, heat 1979	1971
19730068481	Metallurgical evaluation of a guide (support assembly) part of Sealol check valves (4)	1971
19730068494	Light anti-aircraft harpoon defense system against low flying aircraft	1971
19730068516	Dow-Corning Insulating Compound 3120, and coast pro-seal molding and potting compound 796-80	1971
19730068517	Flodyne pilot operated solenoid valve, VPN 15C16 (Mod) ext. leakage from actuator vent	1971
19730068519	Conformance testing of insulating compound	1971
19730068521	Failure analysis of angle valve, APCO P/N 5075-BKX-12TV for leakage past stem packing	1971
19730068522	Marotta metering hand valves (3), VPN 228174-2, S/N's 115, 120, and 123, reverse flow internal leakage	1971
19730068523	LOX impact test of Viton O-rings	1971
19730068524	Electrostatic testing of ordnance hard hat	1971
19730068525	Marotta solenoid valve, VPN 229644-12. Failure to open when actuated	1971
19730068538	Carrier Aircraft Support Study (CASS). Volume 12: Task rescheduling for aircraft carriers (TRAC) computer program user's guide	1971
19730068542	C3 PAT lot verification test. Resistor, fixed, metal film, precision molded, dipped, .05-.10 watt	1971
19730068549	Harpoon expendable turbojet model ETJ-331-1-1D, Volume 1	1971
19730068550	Harpoon expendable turbojet model ETJ-331-1-1D, volume 2	1971
19730068559	S2G modification program. AN/ASN-50 or -73 and Aero-1B Retro ejector installation	1971
19730068563	C3 PAT lot verification test: Resistors, fixed, metal film, precision, molded or dipped, .05-.10 watts	1971
19730068564	C3 PAT lot verification test: Resistors, fixed, metal film, precision, molded or dipped, .05-.10 watts	1971
19730068565	C3 PAT lot verification test: Resistors, fixed, metal film, precision, molded or dipped, .05-.10 watts	1971
19730068567	C3 PAT lot verification test: Resistors, fixed, metal film, precision, molded or dipped, .05-.10 watts	1971
19730068568	Production engineering measure for zinc/air primary batteries	1971
19730068572	Qualification status of contact from Temco corporation	1971
19730068590	Qualification of fourteen cell amplifier modules P/N X2603270	1971
19730068608	TF34-GE-2 engine components qualification. Fuel heater simulated operational test	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068679	Flammability test on blimp materials	1971
19730068681	Power-on base pressure for space shuttle launch configurations	1971
19730068712	Real Time Impact Prediction and Data Processing System	1971
19730068745	Aerospace ground equipment MR-145A test set electronic circuit plug in unit LORAN receiver	1971
19730068761	Report of test on switches, sensitive, SPDT unsealed and sealed, 1 and 10 ampere ratings, MIL-S-8805C. Original test data	1971
19730068762	Report of test on switches, multistation, pushbutton (illuminated matrix arrangement), Mil-S-24317 and Mil-S-24317/7 EC (proposed). Original test data	1971
19730068764	Analysis of 152mm fluted shaped charge liner using TOODY computer code	1971
19730068766	Integrated circuit (quad 2) input nand gate	1971
19730068767	Integrated circuit (dual) differential line receiver	1971
19730068769	Evaluation of shielding materials for flat cables	1971
19730068770	Qualification test report for transistors	1971
19730068771	Logistic rail test 1, 2, 3, 4 and 5, static airplane test report, part 2	1971
19730068780	Failure analysis of auto switch solenoid valve, VPN WP-HT-X-821027	1971
19730068801	Integrated circuit-dual 4 - Input NAND gate mechanical evaluation for package qualification	1971
19730068810	Qualification status of MSR transistor from Fairchild	1971
19730068811	Evaluation of a solution potential test for corrosion susceptibility of aluminum alloys	1971
19730068817	C3 lot verification test: Semiconductors, transistor, general purpose, silcon p-n-p, planar, metal can	1971
19730068818	C3 PAT lot verification test: Resistors, fixed, metal film, precision, molded or dipped, .25-.05 watts	1971
19730068820	C3 PAT lot verification test. Resistor fixed, metal film, precision, molded or dipped, .05 - .10 watt	1971
19730068821	C3 PAT lot verification test. Resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1971
19730068824	Potentiometers (3) MEL-RAIN corporation type HHH-2, used in area warning sound system	1971
19730068825	L/C 39A fire protection system GN2 regulator, Grove model 311B, temperature measurements	1971
19730068826	Analysis of flex hoses (6), manufactured by Resistoflex, for GHe permeation	1971
19730068827	Battery, secondary, Gulton Industries, P/N D7920, S/N 960, electrical power system	1971
19730068828	Failure analysis of a right angle Aldek fitting	1971
19730068836	Qualification effort of six head coils	1971
19730068850	Development of 18 mm microchannel plates with smaller center-to-center spacing (U)	1971
19730068870	Airborne magnetometer test plan, volume 1 (U)	1971
19730068877	Remote sensor surveillance system test observer report (U)	1971
19730068886	Unmanned aerial surveillance systems test plan, volume 1 (U)	1971
19730068887	Unmanned aerial surveillance system test report, volume 2 (U)	1971
19730068933	Camp Sentinel Radar 3 test plan, volume 1 (U)	1971
19730068934	Camp Sentinel Radar 3 test report, volume 2 (U)	1971
19730068937	Airborne METRA test plan, volume 1 (U)	1971
19730069005	Ivory coral applications and diagnostics (U)	1971
19730069120	EREP contamination review data package	1971
19730069130	Trajectory design program for a Mars orbiter mission	1971
19730069131	Analytic guidance for finite-thrust vehicles in a central force field	1971
19730069187	Management plan for the ultraviolet spectrometer experiment S169	1971
19730069242	Evaluation of REMAK color proofing system	1971
19730069250	Qualification of network dc-dc converter modules	1971
19730069253	C-5 qualification test procedure landing gear relay sequence control panel	1971
19730069254	C-5A qualification verification for aerospace ground equipment truck, main landing gear	1971
19730069266	Qualification of Augat DIL sockets no. 514-AG5D and no. 516-AG5D	1971
19730069270	Qualification of JFD variable capacitor 2587	1971
19730069276	AN/APS-115 radar bench test	1971
19730069277	Evaluation of printed board plated through holes over temperature extremes	1971
19730069278	Diode, solid state, visible light emitting	1971
19730069280	Stall torque considerations of D.C., P.M., motor	1971
19730069283	Failure analysis of temperature gage, P/N 41627-R used on Cummins diesel model NT-380-DF	1971
19730069318	AFRPL high-altitude plume radiation program. Part 3: A method for calculation of the thermal radiation from a vacuum plume	1971
19730069345	Helicopter escape and personnel survival accident data study	1971
19730069349	Qualification status of American lava for 11223310	1971
19730069355	Qualification status of Fairchild for 11241496	1971
19730069379	The computerized specification management system: An automated aided to the preparation and revision of large technical documents	1971
19730069389	C3 Lot verification test. Semiconductors, diode, rectifier, silicon, diffused plastic	1971
19730069398	C3 lot verification test. Semiconductor, diode, fast switching, silicon, diffused, glass	1971
19730069399	C3 lot verification test. Semiconductor, diode, fast switching, silicon, diffused, glass	1971
19730069421	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1971
19730069428	C3 lot verification test. Semiconductor, diode, general purpose, silicon, diffused glass	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730069435	Quality audit of vacuum variable capacitors	1971
19730069442	Pneumatic analogue decompression computer calculations for submarine escape	1971
19730069457	C3 PAT lot verification test, resistor, fixed, metal film precision, molded or dipped, .25-.50 watt	1971
19730069465	Development of beryllium honeycomb sandwich composite for structural and other related applications	1971
19730069466	Development of beryllium honeycomb sandwich composite for structural and other related applications	1971
19730069474	C3 PAT lot verification test. Resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1971
19730069491	Qualification test report on transistors	1971
19730069494	High modulus, high strength graphite fibers by direct graphitization of stablized acrylonitrile homopolymer precursors	1971
19730069514	Printed Wiring Systems (PWS), Minuteman 3, sample testing	1971
19730069516	Qualification status of Bendix for G-302790 connector	1971
19730069522	Qualification status of Raytheon Company power transformers	1971
19730069523	Qualification status of missile resistor from Bourns	1971
19730069553	Manifold, TBI, 3 way 135 deg, initiator, through bulkhead	1971
19730069557	Metallization and pattern definition on the fracturable keying element: TOMAN program	1971
19730069560	Temperature cycle test on new Texas instruments product	1971
19730069568	Capacitors, electrolytic, aluminum foil, axial lead, metal case, Mallory SPO	1971
19730069569	Temperature coefficient of resistance and temperature rise	1971
19730069576	US Army topographic support of military operations in the Republic of Vietnam	1971
19730069619	ANNCP 1.20 trial - September 1970, Decca, Loran, Omega (U)	1971
19730069847	Attack helicopter (air-to-air) (AIRCON) (USACDCEC experiment 43.1) (U)	1971
19730069871	Data concerning tactical aircraft operations in Southeast Asia, 1967 - 1969. Short title: TACMIX 2, volume 2 (U)	1971
19730069915	A speech coder as a special integrated circuit	1971
19730069936	Publications of the research and advanced development program fiscal year 1970	1971
19730070032	Space shuttle airbreathing engine study. Volume 5: Preliminary engine performance specification (JP-4 fueled engine) (U)	1971
19730070033	Space shuttle orbiter/booster airbreathing engine study. Volume 1: Comparative evaluation of P/WA candidate space shuttle booster and orbiter airbreathing engines (U)	1971
19730070075	Effect of interfaces in metal matrix composites	1971
19730070076	Qualification test of two hundred and five operational amplifiers	1971
19730070091	Second qualification test of six inductors	1971
19730070096	Synthesis and evaluation of structurally reinforced fuels	1971
19730070099	Wire wrap integrated socket humidity tests	1971
19730070102	Magnetic attitude control system for HEAO	1971
19730070106	Developments in the lifting surface theory treatment of symmetric planforms with a leading edge crank in subsonic flow	1971
19730070112	Composite material structures: Joints IRAD line item description no. d83-70-804	1971
19730070115	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19730070121	Report of test on W-6 crystal units - environmental tests	1971
19730070169	Ray tracing and geometrical probability	1971
19730070171	C3 lot verification test. Semiconductor, diode, rectifier, silicon, diffused, plastic	1971
19730070184	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1971
19730070186	Qualification status of ITT gremar for G-302790 connector	1971
19730070188	Qualification status of connectors from transiron	1971
19730070189	A special cleaning procedure for hybrid thin film circuits	1971
19730070203	General description of marginal sea ice zone - Pacific study 1971 experiment (part A)	1971
19730070205	Production engineering measure for digital electronic fuze timer XM587E2	1971
19730070229	Operational abstracts of research reports published during the period 1 January - 1 July 1971	1971
19730070282	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19730070303	CH-54A/JFTD12A-4A engine vibration survey with various engine mount configurations	1971
19730070311	S-64 main rotor whirl/fatigue test results	1971
19730070321	Design studies to develop a breadboard model of a magnetic altitude reporting encoder	1971
19730070323	Laser beam steering by mode selection at 10.6 microns	1971
19730070341	Field evaluation of the effects on hearing and general habitability of own-ship echo-ranging during a submarine patrol	1971
19730070356	Performance handbook for engine cycle evaluation - Dry turbojet improved version	1971
19730070357	Performance handbook for engine cycle evaluation: Afterburning fan	1971
19730070358	SST parametric engine library: Installed engine performance	1971
19730070367	C-5A qualification test results - Main landing gear bogie positioner	1971
19730070377	Connectors, ITT cannon MDB1-9P	1971
19730070380	MUSE: A multiple scattering effect code for infinite slabs	1971
19730070383	Climatology of low altitude training routes	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070418	Weapon system effectiveness analysis, optimization and simulation. Phase 1, volume 1: Effects of aerodynamic drag on a proportional navigation pursuer	1971
19730070419	Weapon system effectiveness analysis, optimization and simulation. Phase 1, volume 2: Cost-effectiveness of resource allocation for network interdiction	1971
19730070420	A research and analysis program of studies on the analysis of weapon effectiveness, phase 3 results. Volume 4: Aerodynamics of autorotating devices	1971
19730070422	Minuteman propulsion aging and surveillance program plan. Volume 1: Program plan implementation	1971
19730070448	X259-A6 sample plate cutting	1971
19730070460	Hot corrosion resistant aluminide coatings of controlled compositions for nickel-base superalloys	1971
19730070509	AN/SPS-52B radar electromagnetic emission characteristics as measured by Project EMPASS (U)	1971
19730070896	Payload analysis for space shuttle applications: NASA/Aerospace study 2, review	1971
19730070915	Apollo/Saturn Launch Complex 39 operating instruction manual. Volume 2: 250-ton bridge crane	1971
19730070925	Theoretical prediction of thick wing and pylon-fanpod-nacelle aerodynamic characteristics at subcritical speeds	1971
19730071055	A new map of mars from planetary patrol photographs	1971
19730071071	Study of viscoelastic materials and liquid crystals	1971
19730071074	C3 PAT lot verification test. Resistor, fixed, wirewound, NOC, molded or dipped, 2-10 watts	1971
19730071105	Bell IX - HIPERNAS II laboratory experiment. Interfacing a model 9 accelerometer as a gravity sensor to a HIPERNAS 2 navigator	1971
19730071107	C3 PAT lot verification test. Resistors, fixed, metal, film, precision, molded or dipped, .05 - .10 watt	1971
19730071108	C3 PAT lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1971
19730071109	C3 PAT lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1971
19730071111	C3 lot verification test. Semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1971
19730071131	Evaluation of pinlite numeric and alpha-numeric incandescent indicators	1971
19730071152	Electrical failure effects analysis of C-5A flight controls and indication	1971
19730071162	Research investigations associated with the Energetic Gamma Ray Experiment Telescope (EGRET)	1971
19730071164	Semiconductor devices, transistors: N channel, junction, field effect	1971
19730071202	C3 PAT lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1971
19730071203	C3 PAT lot verification test. Resistor, fixed, metal film, precision, molded or dipped, .50 - .10 watt	1971
19730071236	Failure analysis of wiring harness: Control, missile guidance set, P/N 65238-403-161	1971
19730071242	C3 PAT lot verification test. Resistor, fixed, wirewound, NOC, molded or dipped, 1 - 2 watts	1971
19730071243	C3 PAT lot verification test. Resistors, fixed, wirewound, NOC, molded or dipped	1971
19730071244	C3 PAT lot verification test. Resistor, fixed, wirewound, NOC, molded or dipped	1971
19730071275	C3 lot verification test. Semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1971
19730071278	C3 lot verification test. Semiconductor, special types of, field effect, silicon, planar epitaxial	1971
19730071283	C3 lot verification test. Semiconductor, special types of, field effect, silicon, planar epitaxial	1971
19730071298	Qualification test report. Connector, electrical receptacle only, low voltage and low signal, removable, non-solder type, mini round, environmental	1971
19730071314	Weapon system effectiveness analysis, optimization and simulation, phase 1. Volume 6: Autopilot parameter optimization	1971
19730071316	Production engineering measure (PEM) power supplies for 18 and 25 mm second generation image intensifier tubes	1971
19730071320	C3 lot verification test. Semiconductors, special types of, field effect, silicon, planar, epitaxial	1971
19730071321	C3 lot verification test. Semiconductor, special types of, field effect, silicon, planar, epitaxial	1971
19730071323	C3 lot verification test. Semiconductors, special types of, field effect, silicon, planar, epitaxial	1971
19730071333	Predictive testing in elevated temperature fatigue and creep: Status and problems	1971
19730071339	Radar systems	1971
19730071349	Minuteman propulsion aging and surveillance program plan. Volume 2: Service life estimating procedural document for the LGM-30 propulsion subsystems	1971
19730071365	Carrier Aircraft Support Study (CASS). Volume 5: RFI weapons handling on flight deck. Part 1: Transport and loading of RFI weapons	1971
19730071366	Carrier Aircraft Support Study (CASS). Volume 8: Safety study	1971
19730071411	C6 lot verification test. Semiconductor, special types of, field effect, silicon, planar epitaxial	1971
19730071412	C3 lot verification test. Semiconductor, special types of, field effect, silicon planar epitaxial	1971
19730071413	C3 lot verification test. Semiconductor, Diode, voltage reference, silicon, diffused glass	1971
19730071414	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused glass	1971
19730071415	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused glass	1971
19730071416	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused glass	1971
19730071443	Maintainability evaluation, analysis, and predictions for the phase A Air Evaporation Unit (AEU)	1971
19730071444	Evaluation of Texas Instruments, SN6592 microelectronic device, input amplifiers, per GE Dwg. 7528383	1971
19730071533	C3 lot verification test. Semiconductors, special types of, field effect silicon, planar epitaxial	1971
19730071534	C3 lot verification test. Semiconductor, special types of, field effect, silicon, planar epitaxial	1971
19730071556	Engineering education and industry's environmental problems	1971
19730071596	Development of a method to produce pictures with acoustic energy	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071629	Countering the anti-ship missile (CAM study). Phase 1. Volume 6. Appendix 1: Missile battle computer model (U)	1971
19730071630	Countering the anti-ship missile (CAM study). Phase 1, maintainability and availability of current systems. Appendix K: Reliability, maintainability and availability of Aegis (U)	1971
19730071679	Analysis of Air Force control-display problems reported from tactical air operations. Volume 1: Summary of results (U)	1971
19730071875	Saturn 5 AS-511 launch vehicle operational flight trajectory - 17 and 18 March 1972 launch days	1971
19730071879	Management study of NASA acquisition process	1971
19730071980	Marman clamp from LOX fill and drain line, swing arm 6, ML-3	1971
19730071982	Failure analysis of Tescom pressure regulator VPN-26-1063-56-043, sluggish reaction	1971
19730071999	Qualification on twenty piston assemblies	1971
19730072016	The mechanics of compressible fluids	1971
19730072017	Annual Report, 1971	1971
19730072030	Radiation pyrometer for gas turbine blades	1971
19730072039	Progress in the study of the Titan vehicle electrostatic environment	1971
19730072093	Radiation pyrometer for gas turbine blades	1971
19730072094	Radiation pyrometer for gas turbine blades	1971
19730072095	Radiation pyrometer for gas turbine blades	1971
19730072113	Integrated circuits, multiplexer, digital	1971
19730072130	Qualification test of one hundred and eighty-seven operational amplifiers	1971
19730072131	Qualification of 170 transistors P/N X2602194	1971
19730072133	C3 lot verification test. Semiconductor,	1971
19730072134	C3 PAT lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .125-.25 watt	1971
19730072136	C3 lot verification test. Semiconductor, special types of, field effect, silicon, planar epitaxial	1971
19730072137	C3 lot verification test. Semiconductor, special types of, field effect, silicon, planar epitaxial	1971
19730072175	Coaxial switch, latching 28V, SPOT	1971
19730072176	Light emitting diode	1971
19730072177	Light emitting diode	1971
19730072178	X259 propellant sensitivity test	1971
19730072185	Qualification of national for 11241696 microelectronic circuit, diffused element, metal, plug-in	1971
19730072212	Avionics performance and costs. Volume 4: Avionics ownership costs for air-to-air and air-to-ground combat missions (U)	1971
19730072213	Radome, antenna and rf circuitry (RARF). Volume 4: Design and development history (U)	1971
19730072360	Airborne stano systems (part 1) test report, volume 2 (U)	1971
19730072361	Airborne detector/navigator systems test plan. Volume 1: Airborne DENAVS (U)	1971
19730072520	Flight control report aerospace vehicle. Volume 2: Flight control subsystem engineering report (U)	1971
19730072525	Propulsion design engineering report. Part A: Propulsion analysis (U)	1971
19730072566	Failed interconnect leads from Scram power converters, PFE's D-5210, D-5211 and D-5216	1971
19730072574	Aeronautical analytical rework program. An analysis of the state-of-the-art for design and application of rolling element bearings used in naval aircraft emphasizing reduced maintenance and improved reliability	1971
19730072591	C3 lot verification test. Semiconductor, special types of, field effect, silicon, planar epitaxial	1971
19730072592	C3 PAT lot verification test. Resistor, fixed, thermal, glass	1971
19730072594	Group A, B and C inspection. Transformer, step-up, 400 cycles only	1971
19730072609	C-5A qualification test report aerospace ground equipment test, winch	1971
19730072626	Filter, electrical, fixed	1971
19730072627	The n-p-n power transistor	1971
19730072628	Quality conformance inspection	1971
19730072651	R. F. propagation for sensor operations	1971
19730072686	Chemiluminescent landing zone marking experiment report	1971
19730072688	Engineering evaluation test report, detonator, EBW-type 1, Reynolds	1971
19730072706	OV-1/practice multiple bomb rack sensor dispenser system experiment plan. Volume 1: OV-1/PMBR (SDS) experiment plan	1971
19730072709	TF34-GE-2 engine components qualification electrical system environmental test	1971
19730072721	Qualification test report on diodes	1971
19730072722	Qualification test report on Varistors	1971
19730072730	Structural characterization of materials by use of electron microscopy and spectroscopy	1971
19730072746	Metallographic evaluation of EDM process for fabrication of D37D memory rotor sleeves	1971
19730072748	Relays, armature: SPDT	1971
19730072767	History of Kaiser medium-duty aluminum sandwich mat	1971
19730072777	C3 lot verification test. Semiconductor, transistor, general purpose, silicon, n-p-n, planar, metal can	1971
19730072841	Combat Sage. PACAF weapon system evaluation program (U)	1971
19730072950	Transistor: NPN, silicon, light sensor	1971
19730072952	Methodology investigation of techniques to simulate high-speed winds	1971
19730072973	Operation manual Imperial College no. 2 gun tunnel	1971
19730072981	The autoparametric vibration absorber	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072990	Geophysical observations	1971
19730072991	Nonequilibrium reaction and transport coefficients in hydrogen arc plasmas	1971
19730072992	Snow plow calculations of plasma focusing	1971
19730072998	Laser transmission systems and modulation procedures	1971
19730073000	Assessment of the Litton LTN 51 inertial navigation system in pitch and roll	1971
19730073001	Aquaplaning studies using a small pneumatic type	1971
19730073006	Computer programs for platinum resistance thermometry	1971
19730073039	Investigation of high data-rate signal monitoring and analysis system	1971
19730073043	A diode detector circuit for RF susceptibility tests of electrically initiated munition items	1971
19730073095	High-energy rocket propellants for satellite power plants and apogee motors	1971
19730073105	Shielding effectiveness of braided wire shields	1971
19730073181	Improved acoustic locator system test plan, volume 1	1971
19730073192	Project AMSIM. Volume 1: Terrain models	1971
19730073232	Proceedings of the Boundary Layer Transition Workshop, volume 4	1971
19730073245	Employment of a spin stabilized artillery shell to obtain reconnaissance imagery	1971
19730073256	Revision of launch and recovery bulletins for all aircraft	1971
19730073260	Third stage explosive train ignition	1971
19730073295	Solid propellant rehology. 3: The effect of storage on the mechanical properties of plastic propellant	1971
19730073298	An omni-directional velocity vector probe suitable for use in gas turbine combustors design development and preliminary tests in a model combustor	1971
19730073523	Investigation of stress and chemical environments on the prediction of fracture in aircraft structural materials	1971
19730073549	Group A, B and C inspection. Transformer, step-down, 400 cycles only	1971
19730073585	Determination of physiological responses of parachutists to the aerospace recovery environment	1971
19730073589	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19730073590	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19730073595	Transistor, high voltage	1971
19730073598	Research and development programs	1971
19730073599	Research and development programs	1971
19730073606	Assessment of a logarithmic-IF radar modification at CFB Comox, B. C.	1971
19730073821	The transverse tensile properties of carbon fibre reinforced plastic-metal foil laminates	1971
19730073832	A POD1 users' manual	1971
19730073834	The RF spectrum of a carrier phase modulated by noise	1971
19730073862	Basepoint configuration development of an externally blow flap medium STOL transport (U)	1971
19730073869	C3 lot verification test. Semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1971
19730073877	Evaluation of TemTech temperature sensor P/N AGC-21367/1.09 reliability test report	1971
19730073900	Weapon system effectiveness analysis, optimization and simulation, phase 1. Volume 8: Movable gun simulation	1971
19730073936	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused glass	1971
19730073937	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused glass	1971
19730073938	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19730073969	Project AMSIM. Volume 2: Aircraft models attitude and flight path predictive models for rotary wing aircraft	1971
19730073973	SPN-42 deck motion compensation evaluation for F-4B/J aircraft	1971
19730073988	Research and development programs	1971
19730074007	Quality verification test report for filters	1971
19730074020	The advanced targeting study, Phase 1F. Volume 1: Ballistic missile software technology baseline	1971
19730074046	Coefficient of beam filling in a standard atmosphere	1971
19730074050	Decay of trailing vortices	1971
19730074057	PCM synchronized installation in an integrated circuit for an 80 M bit/s signal	1971
19730074060	Radio interference due to rocket exhaust jets: The study of jet structure using focussed beam microwaves	1971
19730074062	Fuseless strand burning methods for the measurement of rates of burning of solid propellants and of liquid monopropellants	1971
19730074139	Infrared radiation measurements of an LM 2500 marine gas turbine exhaust (U)	1971
19730074306	Prologue to the presentation of the mathematical foundation for an integrated approach to the dynamical problems of deformable aircraft	1971
19730074307	Mass comparison of two types of electrical generating system in a small military aircraft	1971
19730074311	Windscreen wash fluid tests in simulated flight conditions	1971
19730074314	An investigation into the effects of dual axis vibration, restraining harness, visual feedback and control force on a manual positioning task	1971
19730074356	Space shuttle auxiliary propulsion system. Hydrogen-oxygen APS engines	1971
19730074359	Research into advanced concepts of microwave power amplification and generation utilizing linear beam devices	1971
19730074365	Digitization of radiosonde transmitted, atmospheric data	1971
19730074368	Orbit determination convergence for nonlinear observations	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074375	Analysis of flight and tunnel tests on the fairey delta 2 research aircraft	1971
19730074398	Meter, time totalizing, 10000 hours	1971
19730074406	B-1 (RDT and E.) A/V's 1 and 2 only EMC and functional separation requirements	1971
19730074408	A new capability for nighttime formation flight of tactical Army helicopters	1971
19730074421	Qualification test requirements for 90 deg bent tubing for B-1 air vehicle using titanium (3AL2.5V) tubing	1971
19730074430	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused glass	1971
19730074475	Environmental qualification test report pressure switch ST-20288-2	1971
19730074479	Feasibility study of an induction coil alignment device	1971
19730074481	C3 lot verification test. Semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1971
19730074483	C3 lot verification test. Semiconductor, special types of, field effect, silicon, planar epitaxial	1971
19730074489	Data reduction support for PC(H)-1 towed system trials. Volume 1: Data reduction system	1971
19730074500	Rebuild versus repair: A logistics analysis	1971
19730074514	Heat- and mass-transfer blowing-correction correlations for charring ablators. Part 1: Equal diffusion coefficients	1971
19730074553	Proceedings of the Winter Meeting of the IRIS Specialty Group on Infrared Imaging	1971
19730074557	Satellite earth-pointing attitude control in the absence of yaw sensing, using a double gimbaled momentum wheel	1971
19730074622	The input/output, control, and test programs for the SRDE computer controlled telegraph store and forward equipment	1971
19730074632	Qualification status of contact, electrical from Burke Products	1971
19730074635	Type 557L data transceiver test report	1971
19730074695	Qualification test report of waveguide and microwave, isolator, rigid, 8-12.4 GHz	1971
19730074698	Qualification test report, safe arm device	1971
19730074700	Qualification test report for the Boeing Company, Aerospace Group on transformer, pulse	1971
19730074707	An experiment to determine if temperature cycling causes leaks in AGMC repaired A-200D accelerometers	1971
19730074718	Computer program for the calculation of availability/reliability of systems	1971
19730074724	C3 lot verification test. Semiconductor, transistor, general purpose silicon, NPN, planar, metal can	1971
19730074759	Qualification tests on diodes	1971
19730074791	SCS sytem membrane/container bond evaluation by ultrasonic nondestructive methods	1971
19730074810	Aero Scout helicopter target acquisition experiment plan. Volume 1: ASHTA experiment plan	1971
19730074811	Cesium vapor cache detector. Volume 1: Test plan	1971
19730074819	Gold-nickel eutectic filter metal for brazing iron, nickel, and cobalt base alloys	1971
19730074826	Analysis of flight and tunnel tests on the Fairey Delta 2 research aircraft	1971
19730074829	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused glass	1971
19730074851	PT4-5037 (LM101A) device characterization	1971
19730074872	Navigation antenna study 2, Volume 1	1971
19730074873	Navigation antenna study 2. Volume 2: Appendices	1971
19730074876	Integrated circuit, multiplier/divider differential, linear, Mk 86 fire control	1971
19730074877	Integrated circuit, high speed decade counter, digital, Mk 86 fire control	1971
19730074879	Integrated circuit, dual 2 wide 2 input and-or-input gate, digital, Mk 86 fire control	1971
19730074894	Selection of space shuttle thermal protection systems	1971
19730074899	Capacitor, fixed aluminum electrolytic. Mk 86 fire control	1971
19730075031	Measurement of the internal performance of a rectangular air intake having variable geometry compression surfaces at Mach numbers from 1.7 to 2.5. Part 2: The effect of incidence	1971
19730075034	An omni-directional velocity vector probe suitable for use in gas turbine combustors: Design development and preliminary tests in a model combustor	1971
19730075043	Transformation of the nitrile group C Xi hyperon N bond in heated polyacrylonitrile	1971
19730075045	The design and development of the minitrack test for safety fuel assessment	1971
19730075047	The electrochemical characteristics of Carbon Fibre Reinforced Plastic (CFRP): Aluminium alloy couples	1971
19730075059	A versatile method for calculating aircraft position using observations from radio fixing systems	1971
19730075068	A suggestion for a versatile electric thruster comprising resistojets and ion motors	1971
19730075116	High Energy Astronomy Observatory, missions A and B, phase C/D. Appendix 7: Orbit adjust stage data	1971
19730075195	The nature of temperature inversions in the surface layer from 0.5 to 2M according to gradient observations	1971
19730075211	Qualification of fourteen network gyro drive modules (A6 and A7)	1971
19730075218	Connector, miniature, right angle, having 72 spade-type contact's	1971
19730075230	Conformal weapons carriage - Joint service development program	1971
19730075244	Mixer, M7B	1971
19730075270	Quadruple 2-input positive nand gate integrated circuit	1971
19730075298	Integrated circuit, DTL dual 4-input buffer	1971
19730075311	Capacitors, fixed, film, metalized, non-metallic case, lead mount, (commercial standards)	1971
19730075317	C-5A test procedure reliability production acceptance test heading and attitude monitor system (HAMS)	1971
19730075318	Silicon control rectifier	1971
19730075323	Qualification tests on transistors	1971
19730075325	Life testing of 54H series integrated circuits	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075333	Relay, time delay. Mk 86 fire control	1971
19730075339	Packaging high density flight equipment without printed circuits, part 3	1971
19730075381	Qualification test report, 1N4148 diode, per MIL-S-19500/116. Part number 418118-2. Semiconductor, diode, fast switching, silicon, diffused, glass enclosure	1971
19730075385	Integrated circuit, quadruple 2-input positive nand state, digital. Mk 86 fire control	1971
19730075400	Integrated circuit, 5 bit shift register, digital. Mk 86 fire control	1971
19730075410	Laboratory procedure for re-connecting severed conductors on integrated circuits	1971
19730075429	Integrated circuits, digital-line receiver, dual	1971
19730075442	Qualification test report on transistors: Semiconductors, transistors, power, silicon, NPN, planar, metal can	1971
19730075510	Application of a discrete method in the study of the resonant field in a circular enclosure and of the determination of the frequencies themselves	1971
19730075874	MITEM: A portable program for the manipulation of text. User manual	1971
19730075875	An investigation of the effects of atmospheric pollution on cloud nucleus concentration and cloud microstructure	1971
19730075897	A preliminary study of the thermal decomposition of polyurethane foams by elemental ultramicroanalysis	1971
19730075900	Evaluation of AF-E-102 elastomer in N2H4 as a seat seal material for the Marquardt R4D valve	1971
19730075953	Test-facilities of the DFVLR in the transonic and hypersonic speed range and main activities	1971
19730075957	Conversion charts, data sheets and equivalence lists for American aircraft materials	1971
19730075959	Influence of the trailing edge shape on the drag of a rectangular wing in the Mach number range from free stream Mach number 0.5 to 2.2	1971
19730075977	Tensile tests of riveted joints	1971
19730075982	Results of a logistical analysis of the depot level repair of Air Force inertial guidance systems	1971
19730075998	A discussion of measures of fighter aircraft inertial navigation system position accuracy and a suggestion for field maintenance rejection criteria	1971
19730076013	Qualification tests on transistors	1971
19730076056	Bibliography of reliability records	1971
19730076068	Capacitors, fixed, ceramic, dipped lead mount, commercial standards	1971
19730076078	Integrated circuit, dual 100 bit shift register, digital. Mk 86 fire control	1971
19730076135	Integrated circuit. Differential current amplifier, 200 MW	1971
19730076136	Integrated circuit, dual 4-input gate	1971
19730076138	Qualification test report, 1N4148 diode, PER mil-S-19500/16. Part number 418118-2. Semiconductor, diode, fast switching, silicon, diffused glass enclosure	1971
19730076149	Integrated circuit, four multiplier switches, linear, Mk 86 fire control	1971
19730076150	Integrated circuit, MOS clock driver, digital, Mk 86 fire control	1971
19730076158	System to microcircuit fault isolation	1971
19730076159	Literature references on bubble domains	1971
19730076171	Separation characteristics and aerodynamic loads data for the Mk-8GP, BLU-27, and 450-gal fuel tank in the vicinity of the A-10A aircraft at subsonic speeds	1971
19730076222	Qualification test report on transistors	1971
19730076231	Proceedings of the Advanced Digital Technology Conference held at the Naval Ordnance Laboratory, June 1971, volume 1	1971
19730076259	The mechanical properties of D6AC steel 1 heat treated to 185-205 and 200-220 KSI	1971
19730076281	High-temperature polymer development	1971
19730076292	Aluminum wire evaluation	1971
19730076328	Aerodynamic characteristics of a 0.12-scale model of the A-9A aircraft at Mach numbers from 0.30 to 0.80	1971
19730076398	Some numerical integration routines	1971
19730076478	The characteristics and calibration of two types of airflow metering device for investigating the performance of model air-intakes	1971
19730076494	Detailed evaluation report. Development of a space storable propellant isolation valve	1971
19730076561	Transistors, NPN, power	1971
19730076565	Some effects of dual-axis heave and sway vibration upon compensatory tracking	1971
19730076575	The advanced targeting study, phase 1F. Volume 2: Ballistic missile computer software technology	1971
19730076591	Qualification report for microcircuit J-K flip-flop per General Dynamics drawing, 423-800490	1971
19730076593	Thrust vector control of rocket engines. Part 1: A study of the shock system produced by the injection of fluid into a conical diverging nozzle	1971
19730076594	Biological effects of microwave radiation, part 1	1971
19730076631	Evaluation of adhesives for mounting Rosemount temperature sensors AGC-21367/1	1971
19730076632	Compatibility of materials used in high voltage transformer AGC-21335/29-11 with 4P3E dielectric fluid	1971
19730076633	Indicator, latching, reset, 28 VDC, red-green indicators, electron-mechanical	1971
19730076635	Qualification test report, 1N4148 diode, PER MIL-S-19500/116. Part Number 418118-2. Semiconductor, diode, fast switching, silicon, diffused, glass enclosure	1971
19730076647	Qualification tests on capacitors	1971
19730076841	Improved position locator test report. Volume 2: IPL test report	1971
19730076869	A design and evaluation study of the partial-length-sidewall SES concept	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076896	Data reduction program documentation ALCOR tape read package (effective April 1971)	1971
19730076897	Data reduction program documentation ALERT (effective: April 1971)	1971
19730076898	Data reduction program documentation ALTCEP (effective: July 1971)	1971
19730076899	Data reduction program documentation ALTPOD (effective: August 1971) ive: August	1971
19730076921	Data reduction program documentation ALREAD (effective: March 1971)	1971
19730076923	Data reduction program documentation ALTOAK (effective: March 1971)	1971
19730077031	Development of a model technique for investigating the performance of soft-ground arresters for aircraft	1971
19730077058	Revised and terminal orbits for ariel 3 (1967-42A)	1971
19730077065	Methods of analysis and environmental indicators. Economic effects of technology changes in relation to the environment	1971
19730077066	The design of a large shaped charge suitable for the preforation of Arctic sea ice	1971
19730077067	Encapsulation of high stability resistors in polyurethane foam	1971
19730077079	Self evacuating multilayer insulation for space shuttle vehicles	1971
19730077081	ATM Thermal Systems Unit (TSU) test thermal analysis for components located in TSU test zones 1, 5 and 7	1971
19730077082	Analysis of the ATM thermal systems unit test data for the MDA end of the rack and canister components and comparison of the test data to a thermal math model	1971
19730077090	JPL basic research review, 6-7 December 1971	1971
19730077096	Study of thin electrode fuel cells	1971
19730077158	A one-dimensional, stationary magneto-plasma flow with nonequilibrium ionization and excitation	1971
19730077159	Study of GaAs photocathodes in devices	1971
19730077209	C3 lot verification test, semiconductor, diode, voltage reference, silicon, diffused glass	1971
19730077212	Feasibility of data compression	1971
19730077216	Ship research activities in the Netherlands jointly sponsored by the Royal Netherlands Navy, the Ministry of Economic Affairs and the Netherlands industry, 1963 - 1969	1971
19730077217	Design and system description of the third test section of the hypersonic low density facility of the DFVLR AVA Goettingen	1971
19730077277	Improve visual perception of cockpit light emissive displays when viewed in sunlight	1971
19730077286	Aircraft jet engine handling and stowage in attack aircraft carriers	1971
19730077289	Qualification test report, 1N4148 diode, PER MIL-S-19500/116. Part number 418118-2. Semiconductor, diode, fast switching, silicon, diffused, glass enclosure	1971
19730077294	Transport equations for a non-isothermic gas mixture and calculation of the constants according to the ordered method	1971
19730077295	Argon-kalium-plasma simultaneous spectroscopic measurement of electron density and temperature for indication of relaxation effects in a streaming argon-potassium plasma	1971
19730077299	Plasma diagnostic with microwave cavity resonators, compilation of the geometric factors	1971
19730077300	Evaluation of prototype aircraft de-icing equipment	1971
19730077312	The problem of the double wall, first part	1971
19730077345	Turbulent flow test results on NOL ablative plastic composites	1971
19730077437	Data reduction program documentation ALTAP (effective: April 1971)	1971
19730077438	Data reduction program documentation altair tape read package (effective: April 1970)	1971
19730077439	Data reduction program documentation ALTFENCE (effective: April 1971)	1971
19730077440	Data reduction program documentation ALT10 (effective: April 1971)	1971
19730077474	Optimal design of elastic structures under multiple constraint conditions	1971
19730077475	Interactive computations in structural optimization	1971
19730077503	Data reduction program documentation ALC10 (effective April 1971)	1971
19730077504	Data reduction program documentation ALCTAP (effective April 1971)	1971
19730077514	Atmospheric transmission and emission in the 16- to 28- micron region at various altitudes	1971
19730077520	Chebyshev series for Bessel functions	1971
19730077523	The properties of carbon fibre/carbon composites with particular reference to their application in rocket nozzles	1971
19730077613	Comparison of the computer programs HYDRA, THEA, and MISTRAL by means of thermohydraulic calculations for the SNR fuel element design	1971
19730077779	C3 lot verification test, semiconductor, diode, voltage reference, silicon, diffused glass	1971
19730077780	C3 lot verification test. Transistor, special types of, field effect, silicon, planar epitaxial	1971
19730077781	Report concerning fire tests on a landing craft on 22 April 1971	1971
19730077837	Failure rate analysis of Hall effect switch circuit module	1971
19730077880	WTSIZ interactive graphics program for aircraft weight sizing (program P5528)	1971
19730077885	Dynalens 1000MM camera system test report. Volume 2. Dynalens test report	1971
19730077890	Conference proceedings of the 3rd Data Exchange for Inertial Systems	1971
19730077891	Conference proceedings of the 4th Data Exchange for Inertial Systems	1971
19730078106	Calculation of the unsteady pressure distributions on harmonically oscillating slender cruciform wing and cylindrical body combinations	1971
19730078130	On dogs or how to determine when it is uneconomical to continue repair	1971
19730078144	Integrated circuit, quad 2-input gate	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730078182	Effect of test direction on fracture toughness of D6AC steel	1971
19730078193	Qualification test on diodes. Semiconductors, diode, gallium compound, plastic	1971
19730078204	Capacitor, fixed electrolytic	1971
19730078205	Switch, hybrid circuit (DPST)	1971
19730078209	Convuluted nozzle extension	1971
19730078212	Application of high density nitric acid and UDMH with silicone fluid additive fuel to the Agena rocket engine	1971
19730078226	Integrated circuit, power switch driver, 150 mW	1971
19730078236	Integrated circuit, dual plus or minus 15V tracking regulator, linear. MK 86 fire control	1971
19730078239	Integrated circuit 4 bit bistable latch, digital. Mk 86 fire control	1971
19730078331	Handbook for the 250 MB/S digital radar signal processor	1971
19740011695	Compression of data and accuracy of restoration of analog signals	1971
19740013629	Results of medical and biological studies performed during the Gemini and Apollo programs: Changes in the working capacity of the astronauts	1971
19740072617	Augment 30cm flying infrared telescope program	1971
19740072622	Galactic infrared sources	1971
19740072666	The earth's gravity field from a combination of satellite and terrestrial gravity data	1971
19740072839	Detrital impact formations	1971
19740072858	Earth-physics satellite observation campaign 1971-1972	1971
19740072859	A determination of meteor mass distribution from meteor echoes	1971
19740072901	Controlled environment facility for development of military rations	1971
19740073400	Space Shuttle SRM Design Versus Cost Study	1971
19740073415	Study of isotopic filters for rubidium masers	1971
19740073553	Multi-attribute decision problem	1971
19740073562	Studies of spectral discrimination	1971
19740073607	NASA-GSFC operations plan 8-71 small scientific satellite SSS-A	1971
19740073669	Teaching serial position sequences to monkeys with a delayed matching-to-sample procedure	1971
19740073692	Microbial load monitor	1971
19740073718	An empirical study of the interaction of the solar wind with the moon	1971
19740073743	Fast matrix multiplication	1971
19740073807	The influence of space radiation upon the MOS micrometeroid capacitor detector	1971
19740073813	Development of high strength tantalum base alloys	1971
19740073818	Theory of a rubidium 87 maser	1971
19740074681	Apollo mission 14 lunar photography indexes	1971
19740074999	The ATS-F and -G Data Book	1971
19740075006	Finite-state machines as adaptive gain changer in stability augmentation systems	1971
19740075011	Apollo 16 preliminary lunar surface procedures (for all launch dates)	1971
19740075013	A summary of the research program in the broad field of electronics	1971
19740075029	Verification of the LM AGS integrators for Apollo 15	1971
19740075030	Planetary sighting vectors for an Apollo 15 launch on 24 August 1971	1971
19740075171	Thermodynamic properties by levitation calorimetry. 3: The enthalpies of fusion and heat capacities for the liquid phases of iron, titanium, and vanadium	1971
19740075206	Freon radiator development test summary report	1971
19740075240	Mariner 6 and Mariner 7 California Institute of Technology two-channel infrared radiometer Mars surface temperature experiment	1971
19740075243	Lunar Orbiter photographic supporting data	1971
19740075266	Regularization of the Naki conductivity by fluctuations	1971
19740075385	Evidence for a link between division and differential in Entamoeba invadens	1971
19740075387	Surface morphology of trypsinized human cells in vitro	1971
19740075388	The thermal inactivation of T4 and lambda bacteriophage	1971
19740075436	Documentation for OPTYAG: A research and development resource allocation program	1971
19740075446	Development of techniques for the investigation of the combustion dynamics of metalized propellants	1971
19740075591	Reactor in-flight test program. Volume 2: Propulsion	1971
19740075792	Free radicals in pyrimidines: ESR of a gamma-irradiated single crystal of 5-nitouracil	1971
19740075852	Elements of equilibrium methods for social analysis	1971
19740075861	Improvement of the solar magnetograph system at Mount Wilson	1971
19740075866	Estimated DE19 lunar ephemeris errors for the Apollo 15 mission	1971
19740075868	LF468 concept definition	1971
19740076063	A second quantized model of anharmonicity	1971
19740076079	An experimental investigation of the effect of Reynolds number on the low speed aerodynamic characteristics of a delta wing space shuttle orbiter concept at angles of attack to 45 degrees	1971
19740076104	Cofunction in composite systems	1971
19740076148	Lunar receiving laboratory cleaning procedures for contamination control	1971
19740076152	Coherent potential theory of off-diagonal randomness	1971
19740076192	Propagation of elastic waves bound to a fluid layer between two solids	1971
19740076384	Local and neurally mediated effects of morphine on skeletal muscle vascular resistance	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740076386	On a quantum mechanical relation for a magnetized electron gas	1971
19740076390	Synthesis, fabrication, and characterization of solid electrolytes	1971
19740076391	The fine structure of slip lines in disordered Cu ₃ Au	1971
19740076402	Nonparametric estimation of mean and variance when a few sample values possibly outliers	1971
19740076407	Results of processing Apollo 14 descent/ascent data with the powered-flight data processor	1971
19740076536	Space shuttle program management plan for phase C/D	1971
19740076545	State-space analysis of piecewise linear systems and networks	1971
19740076687	Distributions of high frequency waves upstream from earth's bow shock	1971
19740076695	OGO-5 observations of discrete whistlers and emissions during a large magnetic storm	1971
19740076697	The reduction and analysis of electron data for outer zone electron model AE-4. Volume 3: OGO 1 and 3 University of Minnesota experiment data	1971
19740076708	Dynamic and feedback stabilization of the Rayleigh-Taylor instability	1971
19740076720	Removal of surface contamination by plasma sputtering	1971
19740076724	Energetic electron and proton solar particle observations on OGO-5, January 24-30, 1971	1971
19740076725	Data on solar-geophysical activity associated with the major geomagnetic storm of 8 March 1970	1971
19740077024	Space Shuttle GN&C Equation Document No. 13 (Revision 1): Precision required velocity determination	1971
19740077025	Space Shuttle GN&C Equation Document No. 2-71: Docking and undocking navigation	1971
19740077281	Mechanism of photosynthesis: EPR studies	1971
19740077286	Systems improved Numerical Differencing Analyzer (SINDA): User's manual	1971
19740077307	Space shuttle operations plan for phase C/D. Volume 1: Shuttle system	1971
19740077308	Operations plan for phase C/D. Volume 2: Orbiter	1971
19740077309	Operations plan for phase C/D. Volume 3: Booster	1971
19740077354	Fracture behavior of cryogenically stretched 301 stainless steel used in the M509 pressure vessel	1971
19740077376	ART: A possible replacement for X-ray crystallography at moderate resolution	1971
19740077449	Saturn S-2 advanced technology studies. Study GA: Development of improved corrosion protection for long time exposure of S-2 stage and/or hardware	1971
19740077450	Saturn S-2 advanced technology studies. Study 6B: Evaluation of the effect of process residual tensile stress corrosion cracking of aluminum alloys	1971
19740077466	Galactic sources and the propagation of cosmic rays (a review of the light isotopes and the odd-Z elements)	1971
19740077513	An adaptive control bibliography	1971
19740077514	Alternate space shuttle concepts study. Part 2: Technical summary. Volume 2: Orbiter definition (B-2)	1971
19740077515	Alternate space shuttle concepts study. Part 2: Technical summary. Volume 2: Orbiter definition (B-3)	1971
19740077516	Synchronization of events in discrete simulation with application to vehicular traffic modeling	1971
19740077517	The optimal control of merging aircraft	1971
19740077521	Stability in symmetrical two-dimensional nonlinear and time varying control systems	1971
19740077525	Annual report no. 16	1971
19740077541	Yeast hexokinase. 4: Multiple forms of hexokinase in the yeast cell	1971
19740077542	Reconstruction of pictures from their projections	1971
19740077543	Some comments on the concepts of regulation and positional information in morphogenesis	1971
19740077544	Acid phosphomonoesterase of human prostate molecular weight, dissociation and chemical composition	1971
19740077545	Studies on the cholinergic receptor. 6: Synthesis and muscarinic activity of 2-methyl-4-(2-dimethylaminoethyl)-1,3-dioxolane methiodide	1971
19740077546	Potential folic acid antagonists. 4: Synthesis and dihydrolate reductase inhibitory activities of 2, 4, 6-triamino-5-arylazopyrimidines	1971
19740077552	Alternate concepts study extension. Volume 2: Concept analysis and definition. Part 1: 040A system	1971
19740077553	Alternate concepts study extension. Volume 2: Concept analysis and definition. Part 2: One-and-one-half stage system	1971
19740077554	Alternate concepts study extension. Volume 2: Concept analysis and definition. Part 3: SRM boosters	1971
19740077555	Alternate concepts study extension. Volume 3: Cost analysis	1971
19740077556	Alternate space shuttle concepts study: Interim review presentation	1971
19740077558	High temperature (1200 C) ceramic-to-metal seal development status report	1971
19740077562	Service propulsion system final flight evaluation: Apollo 12 mission report	1971
19740077567	Shuttle systems evaluation and selection. Volume 3: Orbiter data	1971
19740077568	Phase B program definition study. Modular space station, guidelines and constraints document	1971
19740077764	Survival of a hydrocarbon bacterium in a non-aqueous fluid	1971
19740077789	Micrurgical studies with large free-living amoebas	1971
19740077791	Specificity in the genetic code: The role of nucleotide base-amino acid interaction	1971
19740077792	Photochemically survival principle in molecular evolution	1971
19740077793	Remarks on elementary processes in quantum biology	1971
19740077794	ART is science, being a defense of algebraic reconstruction techniques for three-dimensional electron microscopy	1971
19740077801	The organization of mechanoreceptive projections in the ventrobasal thalamus of sheep	1971
19740077803	Urine sampling and collection system	1971
19740077804	Monomolecular films at the air-water interface: Some practical applications	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740077805	Influence of chemical reactions on fluxes and a theory of active and facilitated types of transport	1971
19740077839	Space shuttle phase B. Volume 3: Plans summary	1971
19740077852	Evaluation of NASA/MSC scatterometer data processing programs using computer generated radar signal return models.	1971
19740077855	Equations for the equilibrium constants of nonideal systems derived from the multinomial theory using the z-average molecular weight	1971
19740077856	The generation of pollution-free electrical power from solar energy	1971
19740077857	Oxygen-hydrogen attitude-control propulsion for the space shuttle	1971
19740077862	Quantum chemical studies on the nature of enzyme-substrate interactions: A model for the ribonuclease: cytidine 3 - phosphate complex	1971
19740077864	Monomolecular films of cyclopentadecanone and their condensation with cholesterol	1971
19740077865	Analysis of associating systems using the multinomial theory	1971
19740077884	A rheological mechanism sufficient to explain the kinetics of cell sorting	1971
19740077891	Space shuttle phase B. Volume 1: Executive summary	1971
19740077899	Space shuttle preliminary test plan for phase C/D. Volume 1: Shuttle system	1971
19740077900	Space shuttle preliminary test plan for phase C/D. Volume 2: Orbiter	1971
19740077903	The chemistry of living systems	1971
19740077937	On the retinal basis of visual adaptation	1971
19740078087	Satellite systems and technology for transoceanic traffic control	1971
19740078088	Satellites for television distribution	1971
19740078147	Theoretical analysis of binocular space preception	1971
19740078148	On the applicability of certain approximations of the Lifshitz theory to thin films	1971
19740078150	Single photon phase method for radiative lifetimes and polarization anisotropy decay	1971
19740078170	Engineering and development plan for phase C/D. Volume 1: Shuttle system	1971
19740078171	Engineering development plan for phase C/D. Volume 3: Booster system	1971
19740078195	Facilities design and construction	1971
19740078198	Dissociation of yeast hexokinase under the influence of substrates	1971
19740078263	Cosmic dust analyzer	1971
19740078302	In situ measurements of microbial respiration in soils and salt flats	1971
19740078303	In situ measurement of microbial respiration in soils and salt flats	1971
19740078304	Studies on the membranes of extremely small self-replicating systems	1971
19740078309	Life detection based on soil atmosphere analysis	1971
19740078313	In situ measurements of microbial respiration in soils and salt flats	1971
19740078314	Life detection based on soil atmosphere analysis	1971
19740078526	Terrestrial adaptation of the therma heliotrope	1971
19740078538	Alternate space shuttle concepts study. Part 2: Technical summary. Volume 2: Orbiter definition appendices	1971
19740078568	Cytochemical studies of planetary microorganisms: Explorations in exobiology	1971
19740078569	Cytochemical studies of planetary microorganisms: Explorations in exobiology	1971
19740078598	Study of alternate space shuttle concepts. Volume 4: Cost data	1971
19740078599	Study of alternate space shuttle concepts. Volume 1: Executive summary	1971
19740078600	Study of alternate space shuttle concepts. Volume 2, Appendix A. Task 1: Droptank impact and dispersion study	1971
19740078601	Study of alternate space shuttle concepts. Volume 2, Appendix B: Referenced but unpublished engineering memorandums	1971
19740078602	Study of alternate space shuttle concepts. Volume 3: Program planning data	1971
19740078603	Alternate space shuttle concepts study	1971
19740078618	Orbital operations study: Orbital interface operations and requirements	1971
19740078886	Space shuttle low pressure auxiliary propulsion subsystem definitionn, volumes 1 and 2	1971
19740078975	A light ion mass spectrometer experiment for OGO-E	1971
19740078983	Finite element analysis of large strains in soils	1971
19740079027	Detection of volatile microbial metabolities by combined gas chromatography-mass spectrometry	1971
19740079078	VHF communication between a low altitude satellite and a data relay satellite system	1971
19740079085	Square root filtering and smoothing for discrete processes	1971
19740079430	Interface control documentation for a space shuttle system	1971
19740079444	A study of data systems for the space shuttle	1971
19740079445	Introduction to Walsh functions and sequency filters	1971
19740079515	Improved scaling laws for stage inert mass of space propulsion systems	1971
19740079520	Apollo/Saturn 5 postflight trajectory AS-510	1971
19740079869	Conceptual design fo the Flower Gardens Ocean Research Center (FGORC)	1971
19740079883	A study of phycophysiology in controlled environments	1971
19740080416	Decay of trailing vortices	1971
19740080419	A flight assessment of a vapour cycle cooling pack for supporting liquid conditioned clothing assemblies	1971
19740080548	Study to determine the aircraft radioactive contamination due to atmospheric radiation environments	1971
19740080549	Compensation for gyro biases, misalignments, and scale factor error in an N-gyro package	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080550	Inlet/engine study anti-icing need preliminary analysis of ice formations, shedding and impact velocities	1971
19740080593	Environmental control subsystem design analysis and descriptive data-carrier B-52	1971
19740080612	On the buckling and postbuckling behavior of thin-walled circular cylinders	1971
19740080614	The development of VX5123 for DCVD	1971
19740080627	Laser fluid velocity sensor	1971
19740080630	Apollo command module aerodynamic simulation test in hypersonic flow	1971
19740080650	Flexible bus assembly electrical resistance tests	1971
19740080654	Diode array, light-emitting, seven segment	1971
19740080658	Qualification test report on capacitors. Fixed, film, nonmetallic case, lead mount, commercial standards	1971
19740080662	Life testing of 54 H series integrated circuits	1971
19740080796	Development of the Manganin grids being used by Sandia Laboratories	1971
19740080798	Limit of error calculations used in integrated safeguards experiment	1971
19740080864	Data reduction program documentation ALC102 (effective: August 1971)	1971
19740080865	Data reduction program documentation ALCPOD (effective: May 1971)	1971
19740080909	Airborne Company STANO subsystem test plan. Annex n: Electronic warfare and countermeasures (U)	1971
19740081197	Carrier Aircraft Support Study (CASS). Volume 2: Communications	1971
19740081198	Carrier Aircraft Support Study (CASS). Volume 14: Carrier dynamic simulation program (CARDS) user's guide	1971
19740081284	Symposium on Energy, Resources and the Environment	1971
19740081296	Experimental guidance laser designators employed for the terminal homing flight tests	1971
19740081315	Integrated circuit, 6 hex inverters, digital, MK 86 fire control	1971
19740081329	The effect of simulated ablation on the longitudinal stability of an 8 percent scale model re-entry vehicle	1971
19740081360	Semiconductor device, diode	1971
19740081672	Effects of high and low barometric pressures on susceptibility and and resistance to infection	1971
19740081725	Effects of modifications and external stores on aerodynamic characteristics of a fighter airplane with variable-sweep wing and twin vertical tails at Mach 0.65 to 2.01 coord. no. N-AM-153 (U)	1971
19740081755	Technical proposal for the research and development of a silicon monolithic integrated circuit buffer/interface amplifier	1971
19740081757	Preproduction test of aircraft firefighting and rescue truck, 1000-gallon water capacity, MB-1	1971
19740081804	C-130E Langley Air Force Base scratch strain gage program	1971
19740081814	Development of PBI fabric for flight suit wear test	1971
19740081844	Plasma momentum coupling	1971
19740081899	An interferometer study of air flow near the exit of a constant area duct followed by a variable divergent section	1971
19740081900	Total radiation measurement from boron laden flames	1971
19740081932	Joining techniques for fabrication of high temperature superalloy blades	1971
19740082034	A subsonic wind tunnel investigation of an 8 percent scale model reentry vehicle with landing gear and a groundboard	1971
19740082039	Production assessment test report of semiconductor, transistor, power, silicon NPN, planar, metal can	1971
19740082050	Semiconductor device, diode	1971
19740082051	Transformer, pulse, low power	1971
19740082061	Conformal coating AB0130-022, type 2, for ceramic printed circuits	1971
19740082062	Gold film adhesion failure on F-111 ceramic substrates	1971
19740082079	Environmental qualification test report, T/M signal circuit card assemblies A1 and A2	1971
19740082083	Qualification test report for semiconductor pin diode	1971
19740082085	Transistor silicon PNP triode	1971
19740082087	Relay baseline analysis	1971
19740082094	Production assessment test report of simiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1971
19740082103	Production assessment test report of semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19740082115	Production assessment test report of semiconductor, transistor, power, silicon, NPN, planar, metal can	1971
19740082116	Production assessment test report of semiconductor, transistor, power, silicone NPN, planar, metal can	1971
19740082117	Production assessment test report of resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1971
19740082134	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1971
19740082142	Production assessment test report of semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1971
19740082143	Production assessment test report of semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1971
19740082144	Production assessment test report of semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1971
19740082145	Production assessment test report of semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1971
19740082150	LRPDS interim technical report (U)	1971
19740082159	Plastic rotating bands: A literature search, addendum 1 (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082168	Development of a gated remote view image intensifier camera (U)	1971
19740082255	Blow low test plan, volume 1 (U)	1971
19740082384	Computational techniques for unsteady transonic flow	1971
19740082398	Elastic properties of apatites	1971
19740082428	Internal insulation system development	1971
19740082506	Composite lines for space shuttle vehicle	1971
19740082524	Further discussion of the cyclotron instability	1971
19740082552	Studies for determining the optimum propulsion system characteristics for use in a long-range transport aircraft	1971
19740082572	Flight control downstage module bonding and dielectric materials analysis for transistor to frame shorting problem	1971
19740082582	Production assessment test report of semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1971
19740082583	Production assessment test report of semiconductor, special type, matched silicon, planar, epitaxial	1971
19740082592	Production assessment test report of semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1971
19740082608	Production assessment test report of semiconductors, transistor, general purpose, silicon, NPN, planar, metal can	1971
19740082628	Production assessment test report of semiconductors, special types of field effect, silicon planar epitaxial, transistor	1971
19740082629	Production assessment test report of semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1971
19740082631	Integrated circuit. TTL, dual 4 bit latch	1971
19740082695	Production assessment test report on semiconductor, diode, switches, silicon, diffused, glass	1971
19740082696	Production assessment test report on resistor, fixed, wirewound, precision, molded or dipped, 2-10 watts	1971
19740082697	Production assessment report on semiconductor diode, rectifier bridge, silicon, diffused, plastic	1971
19740082701	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19740082706	Semiconductor device, diode	1971
19740082707	Electron tube (planar triode)	1971
19740082708	Resistor, Thermal	1971
19740082710	Production assessment test report on semiconductor, diode, switching, silicon, diffused, glass	1971
19740082725	Resistor, fixed, wirewound	1971
19740082726	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19740082727	Production assessment test report on resistor, fixed, wirewound, precision, molded or dipped, 2 - 10 watts	1971
19740082728	Production assessment test report on resistor, fixed, wirewound, precision, molded or dipped, 1 - 2 watts	1971
19740082729	Production assessment test report on resistor, fixed, wirewound, precision, molded or dipped, 2 - 10 watts	1971
19740082730	Production assessment test report on semiconductor transistor, general purpose, silicon, PNP, planar, metal can	1971
19740082731	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1971
19740082738	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19740082748	Transistor silicon NPN planar	1971
19740082749	Transistor, PNP, silicon	1971
19740082750	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1971
19740082801	Transistor, NPN silicon planar epitaxial	1971
19740082802	Apollo telescope mount TSU test. Data book volume 1: Rack measurements. Part 1: Skylab program	1971
19740082803	Apollo telescope mount TSU test data book. Volume 2: Canister measurements. Part 1: Skylab program	1971
19740082816	Revised geologic map sklodowska Region lunar farside	1971
19740082831	Evaluation of a tube-end fitting construction assembled by magnetic pulse forming	1971
19740082832	Production assessment test report of semiconductor, diode, rectifier, diffused, glass	1971
19740082837	Evaluation of corrosion resistance of coolant passage surfaces of GSP heat exchanger	1971
19740082841	Production assessment test report on resistors, fixed, wirewound NOC, molded or dipped, 1-2 watts	1971
19740082846	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1971
19740082847	Arrester, electrical surge (Spark Gap)	1971
19740082860	Integrated circuit, high speed differential comparator, linear	1971
19740082861	Production assessment test report on semiconductors, diode, voltage reference, silicon, diffused, glass	1971
19740082938	DREA simulation of FHE-400 performance and dynamics (U)	1971
19740083254	Apollo telescope mount TSU test: Data book. Volume 1: Rack measurements. Part 2: Skylab program	1971
19740083358	Production assessment test report on resistors fixed, wirewound, NOC, molder or dipped, 1 - 2 watts	1971
19740083359	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1971
19740083389	Capacitor, fixed, ceramic	1971
19740083649	B-52/SRAM operational test and evaluation. Volume 1: Operational effectiveness (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740083680	Apollo telescope mount TSU test. Volume 1: Data book. Volume 1: book. Part 3: Rack measurements Rack measurements. Part 3: Skylab program	1971
19740083682	Apollo Telescope Mount (ATM) Thermal systems unit (TSU) test thermal evaluation	1971
19740083704	Production assessment test report of semiconductor, diode, rectifier, silicon, diffused, glass	1971
19740083715	Production assessment test report on resistor, fixed, wirewound, precision, molded or dipped, 2-10 watts	1971
19740083722	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1971
19740083726	Arrester, electrical surge (spark gap)	1971
19740083728	Transistor, general purpose, silicon, NPN, metal can	1971
19740083730	Semiconductor device, diode	1971
19740083785	QKW1369 long-pulse traveling-wave tube development (U)	1971
19740083790	System development specification for ITNS flight test configuration (U)	1971
19740083909	Project plan for Tiros-N and improved Tiros operational satellites (ITOS-H, I, and J) (acquisition phase)	1971
19740083969	Corrosion of gold plated organic coated kovar IC and double diode cases-F-3-antenna radar system-EPU	1971
19740084013	Pave Lance, phase 1. Volume 3: Design studies and analysis (U)	1971
19740084014	Pave Lance, phase 1. Volume 2: System and equipment description (U)	1971
19740084015	Pave Lance technical study and analysis report, phase 1. Volume 1, book 3: Appendixes (U)	1971
19740084016	Pave Lance technical study and analysis report, phase 1. Volume 1, book 2: Technical report (U)	1971
19740084017	Pave Lance technical study and analysis report, phase 1. Volume 1, book 1: Summary (U)	1971
19740084028	Title is classified	1971
19740084045	Pave Lance. Night acquisition/laser designation subsystem, volume 1, book 3 (U)	1971
19740084046	Pave Lance. Night acquisition/laser designation subsystem, volume 1, book 6 (U)	1971
19740084047	Pave Lance. Night acquisition/laser designation subsystem, volume 1, book 5 (U)	1971
19740084048	Pave Lance. Night acquisition/laser designation subsystem, volume 1, book 4 (U)	1971
19740084052	Night acquisition/laser designation subsystem (Pave Lance), phase 1. Volume 1: Recommended subsystem design, book 1 (U)	1971
19740084057	Night acquisition/laser designation subsystem (Pave Lance), phase 1. Volume 1: Recommended subsystem design, book 2 (U)	1971
19740084058	Night acquisition/laser designation subsystem (Pave Lance), phase 1. Volume 2: Tradeoff studies and system analysis, book 1 (U)	1971
19740084059	Night acquisition/laser designation subsystem (Pave Lance), phase 1. Volume 2: Tradeoff studies and system analysis, book 2 (U)	1971
19740084060	Night acquisition/laser designation subsystem (Pave Lance), phase 1. Volume 3: Appendices, book 1 (U)	1971
19740084061	Night acquisition/laser designation subsystem (Pave Lance), Phase 1. Volume 3: Appendices, book 2 (U)	1971
19740084141	Cost and performance assessment of large solid rocket motors	1971
19740084142	Space Shuttle Booster Parametric Design and Cost Data	1971
19740084171	Etched labyrinth disc filter assembly: 2 micron, 5 micron, 10 micron, 20 micron, 40 micron	1971
19740084210	Monolithic catalytic beds for hydrazine reactors (U)	1971
19740084258	The Poseidon second stage acoustics investigation. Volume 1: Program summary	1971
19740084259	The Poseidon second stage acoustics investigation. Volume 3: Flow driving and damping of pressure oscillations. Attachment 1: Poseidon first stage acoustics investigation	1971
19740084266	Semiconductor device diode. (Voltage regulator)	1971
19740084268	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped 2 - 10 Watts	1971
19740084269	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped, 2 - 10 Watts	1971
19740084270	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1971
19740084271	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1971
19740084273	Production assessment test report on resistor, fixed, wirewound, precision, molded or dipped, .50 - 1.0 watt	1971
19740084276	Production assessment test report on semiconductor device, rectifier bridge, silicon, diffused, plastic	1971
19740084277	Production assessment test report on semiconductor diode, rectifier bridge, silicon, diffused, plastic	1971
19740084278	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19740084285	Production assessment test report on semiconductor, diode, general purpose, silicon, diffused, glass	1971
19740084292	Bomber penetration and weapon allocation models	1971
19740084362	Semiconductor device, diode transient suppressor	1971
19740084364	A comparison of inlet spillage drag predictions with data taken during the 1971 fluidyne inlet drag test	1971
19740084369	The Poseidon second stage acoustics investigation. Volume 2: Resonant conditions and combustion driving of pressure oscillations	1971
19740084411	Transient radiation effect study pertaining to development of modular processor aircraft computer system (U)	1971
19740084416	Pave Lance Phase 1. Volume 1: General description and summary (U)	1971
19740084417	Pave Lance. Volume 2: Trade studies and analyses, part 1 (U)	1971
19740084419	Pave Lance Phase 1. Volume 6: Configuration item specifications (U)	1971
19740084420	Pave Lance Phase 1. Volume 4: Design studies and analyses, part 2 (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084421	PAVE LANCE. Night acquisition/laser designation subsystem, volume 1, book 2 (U)	1971
19740084422	PAVE LANCE. Night acquisition/laser designation subsystem, volume 1, book 1 (U)	1971
19740084423	Pave Lance. Volume 1: Technical (U)	1971
19740084427	Pave Lance. Volume 2: Trade studies and analyses, part 3 (U)	1971
19740084428	Pave Lance. Volume 2: Trade studies and analyses, part 2 (U)	1971
19740084429	Pave Lance. Volume 3: Specifications (U)	1971
19740084435	Night acquisition/laser designation subsystem (Pave Lance). Phase 1. Volume 4: Specifications (U)	1971
19740084673	Development of a stokes-flow decelerator for high altitude meteorological rocket applications	1971
19740084702	Production assessment test report on semiconductors, diode, voltage reference, silicon, diffused, glass	1971
19740084704	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped, 2 - 10 watts	1971
19740084852	Extreme temperature requirements for spacecraft electronic parts FY71 report: The Lander case	1971
19740084873	Report on 4th International Conference on Plasma Physics and Controlled Fusion Research	1971
19740084939	Capacitor, fixed, metallized, polycarbonate dielectric	1971
19740084940	Resistor, fixed, film	1971
19740084960	Institute for Teletransmission Theory	1971
19740084968	Qualification test report valve, Type A	1971
19740084971	Capacitor, fixed, metallized, polycarbonate	1971
19740085019	Resistor, thermal. See S/A SCN 228037	1971
19740085105	Report of Delta Launch Vehicle System Review Board	1971
19740085140	Oscillator, crystal, RT-1039/ALQ	1971
19740085147	Filter, radio interference	1971
19740085203	Scientific plan for the Atlantic test bed (U)	1971
19740085214	Air battle simulation analysis (U)	1971
19740085341	High Energy Astronomy Observatory program missions A and B phase C/D. Appendix 4: Requirements	1971
19740085537	The 200W VHF module	1971
19740085544	Fatigue strength of D6AC steel lugs loaded by loose fitting pins	1971
19740085587	Production assessment test report of semiconductor, transistor, power, silicon, NPN, planar, metal can	1971
19740085588	Production assessment test report of semiconductor, transistor, power, silicon, NPN, planar, metal can	1971
19740085594	Flip-flop integrated circuit	1971
19740085603	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19740085604	Production assessment test report on semiconductor, diode, switching, silicon, diffused, glass	1971
19740085605	Production assessment test report on semiconductor, transistor, general purpose, silicon, p-n-p, planar, metal can	1971
19740085606	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1971
19740085613	Production assessment test report on semiconductor, transistor, general purpose, silicon, n-p-n, planar, metal can	1971
19740085614	Dual 4 input NAND gate integrated circuit	1971
19740085639	Arrester, electrical surge (spark gap). See S/A SCN 230017	1971
19740085662	Resistor, fixed, film, see S/A SCN 212050	1971
19740085666	Semiconductor device, diode	1971
19740085673	Development of vapor deposited polymeric coatings	1971
19740085702	Fabrication of integrated fluidic control systems, volume 1	1971
19740085783	Resistor, fixed, wirewound	1971
19740085786	Sprint Project baseline program Dickson Electronics. 11176514, G057091, G057206	1971
19740085788	Resistor, fixed, film	1971
19740085789	Capacitor, fixed, glass dielectric	1971
19740085807	Report of test on sine/cosine potentiometers	1971
19740085833	Documentation of materials and construction techniques	1971
19740085961	Capacity for damping vibrations induced by shear loading of polyurethane foam	1971
19740085967	Production assessment test report on semiconductor, diode, general purpose, silicon, diffused, glass	1971
19740085988	Semiconductor device, diode	1971
19740086004	Integrated circuit, high gain differential amplifier	1971
19740086005	Integrated circuit. High gain operational amplifier type UA 741, LM101A	1971
19740086009	Capacitor, fixed, metallized mylar dielectric	1971
19740086019	Semiconductor device, diode, zener, silicon, diffused, glass	1971
19740086027	Single 8 input nand gate integrated circuit	1971
19740086043	Electron tube	1971
19740086064	Failure analysis report, silicon switching diode	1971
19740086077	Helicopter/destroyer escort visual cue interface study results	1971
19740086085	An automatic meteorological station	1971
19740086087	Production assessment test report on semiconductor, special type of, matched silicon, planar, epitaxial	1971
19740086111	Reliability verification test P/N 11176014, P/N 11176140, P/N 11176144, P/N 11176054	1971
19740086117	Navy A-4 air cushion landing system preliminary design study	1971
19740086122	Minuteman 3 propulsion system rocket engine surveillance program: Summary report for gas storage assembly	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086132	Fabrication of integrated fluidic control systems, volume 2	1971
19740086148	Analytical program for continuous wave chemical laser device	1971
19740086152	Quad 2 input nand gate integrated circuit	1971
19740086177	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1971
19740086178	Production assessment test report on semiconductor, special type of, matched, silicon, planar epitaxial	1971
19740086180	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1971
19740086191	Erie .1 microfarad cap. which shorted during quality life testing	1971
19740086196	Diode array (semiconductor devices unitized)	1971
19740086197	Transistor, dual	1971
19740086214	Capacitor, fixed, mica dielectric	1971
19740086215	Evaluation of protective finishing of coolant passage surfaces of MM 3 GSP heat exchanger	1971
19740086217	Semiconductor device, diode	1971
19740086219	Semiconductor device, diode	1971
19740086235	Production assessment test report. Semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1971
19740086243	Integrated circuit, quad 2 input and gate, digital	1971
19740086255	Alpine parachuting contest	1971
19740086257	Computer devices V1571-2 delay lines	1971
19740086259	One Aerovox ceramic capacitor	1971
19740086267	Corrosion on transistor leads from Hyperion power supplies	1971
19740086313	Resistor variable	1971
19740086339	Annual report for the year ending March 1971	1971
19740086358	Analysis of corrosion in humidity test of azimuth control, P/N 88820-506-1, serial no. a009, mfg code 94756	1971
19740086359	Beryllium cleaning prior to heat treatment	1971
19740086413	Field test of the aircraft mounted, beta/4, plasma chromatograph explosive vapor detector	1971
19740086435	Crew station design study to improve aircrew performance	1971
19740086439	Reliability, verification test of semiconductor diode, voltage reference, compound, alloy, glass	1971
19740086457	Integrated circuit, TTL, one of sixteen decoder	1971
19740086463	Production assessment test report on semiconductor, diode, switching, diffused, glass	1971
19740086464	One-mil gold wires in high G shock hybrid microcircuit applications	1971
19740086471	Integrated circuit, dual D-type edge triggered flip flop, digital	1971
19740086481	Integrated circuit, RS/JK clocked, flip flop	1971
19740086503	Analysis of helicopter structural crashworthiness. Volume 2: User manual for CRASH, a computer program for the response of a spring-mass system subjected to one-dimensional impact loading (UH-1D/H helicopter application)	1971
19740086549	Resistor, fixed, film	1971
19740086557	Design analysis report for circuit breaker: Base line	1971
19740086558	Design analysis report for circuit breaker: Base line	1971
19740086559	The application of scanning electron microscopy to physics of failure studies	1971
19740086574	Capacitors from core memory CSA printed circuit boards	1971
19740086619	Ferrite-filled magnetic epoxy-polyamide compounds	1971
19740086622	Bibliography of source data for the space station program definition phase B study, revision F	1971
19740086625	Shuttle systems evaluation and selection. Volume 5: Cost and schedule	1971
19740086626	Nuclear system safety-transportation by earth space shuttle	1971
19740086718	Future manned program support study, volume 1	1971
19740086724	Development of a method for fabricating metallic matrix composite shapes by a continuous mechanical process	1971
19740086738	SCREEN-ground computer program	1971
19740086785	Integrated circuit, dual four input positive nand buffer, digital	1971
19740086911	Semiconductors, transistors, field effect, silicon, N-channel, metal can	1971
19740086914	Analysis of stained flat conductor cable	1971
19740086921	Transistor PNP, silicon, triode	1971
19740086928	Development and test of an airborne explosive vapor detector	1971
19740086937	Resistor, thermal. See S/A SCN 228017	1971
19740086971	Semiconductor device, diode	1971
19740086972	Capacitor, fixed, mica - paper dielectric	1971
19740086998	Advanced research projects agency big light test plan. Volume 1: ARPA big light test plan	1971
19740086999	Airborne STANO systems (part 2) test plan, volume 1A	1971
19740087047	Production assessment test report on semiconductor, special type of, matched silicon, planar, epitaxial	1971
19740087053	Semiconductor device, rectifier	1971
19740087055	Semiconductor device, rectifier	1971
19740087057	Semiconductor device, diode	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087084	A study of NASA literature search strategies	1971
19740087092	Automated microbial metabolism laboratory	1971
19740087122	A unified metabolism detector for Mars: A new approach developed from research on extraterrestrial life detection by enzymatically induced exchange of O-18	1971
19740087184	Contributions to reentry mechanics of space vehicles	1971
19740087196	Sprint baseline program Motorola semiconductor transistor, NPN, 11176911	1971
19740087199	Integrated circuit, dual-differential line receiver	1971
19740087207	Solar electric multimission spacecraft (SEMMS) phase A technical summary	1971
19740087208	Space base nuclear system safety study	1971
19740087212	Addendum to conceptual design of V/STOL lift fan commercial short haul transports, 1980 - 1985, volume 4	1971
19740087213	Carbon monoxide: A chapter in gaseous exchange between the earth's biology and atmosphere	1971
19740087276	Pressure measurements on harmonically oscillating wing-tail plane configuration	1971
19740087321	Development of corrosion immune alloys	1971
19740087418	Development of geodetic instruments in 1969	1971
19740087441	Vulnerability of low-detectability communications to compressive receivers	1971
19740087503	Sprint project baseline program, Dickson Electronics Corporation G657092 and G657092-2	1971
19740087513	Sprint project baseline program, Motorola semiconductor 11177683	1971
19740087515	Sprint project baseline program Motorola semiconductor 11177685	1971
19740087516	Sprint project baseline program, Motorola semiconductor 11177684	1971
19740087540	Production assessment test report on semiconductor, special type of, matched silicon, planar, epitaxial	1971
19740087542	Sprint project baseline program, Motorola semiconductor 11177680	1971
19740087587	Gas-phase reaction rate coefficients for rocketry applications	1971
19740087635	Sprint project baseline program Motorola semiconductor 1140113	1971
19740087659	Helicopter/destroyer escort visual cue interface study results	1971
19740087674	Sprint project baseline program, Motorola semiconductor 11400112	1971
19740087773	Failure analysis of BUWEPS DWG 2047172C transistor	1971
19740087780	A proposal to improve the AGMC quarterly reliability trend report	1971
19740087795	Evaluation of high temperature effects on screened epoxy dielectric AB0125-020, type 2	1971
19740087837	Component certification program semiconductor device diode	1971
19740087838	Component certification program transistor, silicon, PNP	1971
19740087839	Component certification program semiconductor device diode 11176460 and 11176468	1971
19740087843	Component certification program transistor NPN matched pair	1971
19740087864	Sprint project baseline program, Teledyne Semiconductor, Incorporated transistor 1117891	1971
19740087865	Sprint project baseline program, electronics 11176913	1971
19740087866	Component certification program SCR	1971
19740087867	Sprint project baseline program, unitrode corporation silicon controlled rectifier	1971
19740088144	Interconnect adapter kit for flight line taxis	1971
19740088307	Report of test on qualification test light emitting diode MV 10B	1971
19740088312	Measuring the electrical conductivity of thin aluminum material	1971
19740088319	Sprint baseline program Motorola zener diodes G657091: 11176514	1971
19740088336	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1971
19740088367	Hollow syntactic foam buoyancy spheres	1971
19750063776	Saturn S-11 advanced technology studies. Study 5: Development of improved base heat shield radiator/insulator	1971
19750063831	An experimental, comprehensive flare index and its derivation for major flares, 1959 - 1969	1971
19750063896	Space station thermal control systems study. Development of thermal control system design concepts for manned space. Volume 2: Final Report	1971
19750064205	Apollo 14 photographic standards documentation	1971
19750064206	Apollo 15 photographic standards documentation	1971
19750064207	Apollo 14 photographic standards documentation	1971
19750064208	Tests on chromacolor process	1971
19750064215	A microscopic study of the opening mode of crack initiation in 7075-T6 aluminum alloy sheets	1971
19750064397	Research in Chinese-English machine translation	1971
19750064411	Analysis subroutines for the nucleon-meson transport code NMTC	1971
19750064415	Study of process-induced imperfections in silicon	1971
19750064421	Radiolytic grafting of styrene on polymethylpentene film	1971
19750064443	LM AGS rendezvous navigation verification for Apollo 14	1971
19750064444	Multi-year program in radar remote sensing	1971
19750064448	Flow fields and starting characteristics of an axisymmetric mixed compression inlet	1971
19750064455	Streamline geometry and equivalent radius over a flat delta wing with cylindrical leading edge at angles of attack	1971
19750064462	Longitudinal aerodynamic characteristics of a wing-body combination having a rectangular, aspect-ratio-6, slotted supercritical wing with externally blown flaps	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750064502	Testing Methods and Techniques: Quality Control and Nondestructive Testing	1971
19750064508	Low-energy electron transport by the method of discrete ordinates	1971
19750064535	Levitation and monopoles: University of Virginia	1971
19750064536	A calculational method for predicting particle spectra from high-energy nucleon and pion collisions (more than or equal to 3 GeV) with protons	1971
19750064553	Verification of LMAGS rendezvous navigation using automatic data for Apollo 15	1971
19750064571	Accelerometer counter increment requirements for the space shuttle vehicle	1971
19750064574	Notes on pattern recognition and earth resources	1971
19750065068	Pyrotechnic Hazards Classification and Evaluation Program. Phase 3 Segments 1-4: Investigation of Sensitivity Test Methods and Procedures for Pyrotechnic Hazards Evaluation and Classification, Part B	1971
19750065069	The square root of the state covariance in the consider mode	1971
19750065105	Mathematical model of supply support for space operations: User's manual and operating instructions for computer program	1971
19750065451	Diffusion effects in the radiolytic grafting of styrene on polymethylpentene film	1971
19750065573	Study of alternate space shuttle concepts. Volume 2, part 1: Concept analysis and definition	1971
19750065574	Study of alternate space shuttle concepts. Volume 2, Appendix A: Concept analysis and definition	1971
19750065575	Study of alternate space shuttle concepts. Volume 3: Program planning data	1971
19750065623	Lunar mission safety and rescue	1971
19750065660	Seismicity investigations in the Cascade Mountains and vicinity, Oregon	1971
19750065754	Solar energy utilization	1971
19750065826	Low-subsonic longitudinal aerodynamic characteristics in the deep-stall angle-of-attack range of a supersonic transport configuration with a highly swept arrow wing	1971
19750066396	The epsilon 2 fundamental vibration: Rotaion band of T2O-1	1971
19750066530	Remote sensing of ocean wind using a radar scatterometer	1971
19750066539	Comparison of weighted and unweighted intergroup climate satisfaction scores	1971
19750066540	Ultrasonic studies for the early detection of acute cardiac rejection	1971
19750066690	An Experimental Investigation of the Forebody of a Hypersonic Inlet Model and a Comparison with Theory	1971
19750066748	An investigation to improve selenodetic control on the lunar far side utilizing Appollo mission trans-earth trajectory photography	1971
19750066749	Guidance VI/damp	1971
19750066750	Space station core module mockup review and evaluation. Appendixes: NR Review item dispositions	1971
19750066764	Aerodynamics of a burning turbulent gas jet in a crossflow	1971
19750066883	Space shuttle guidance, navigation and control design equations, volume 3, revision A	1971
19750066902	The attenuation of radiant energy in seeded hydrogen plasma: An experimental study related to the gaseous core nuclear rocket	1971
19750066906	VHF communication between a low altitude satellite and a data relay satellite system	1971
19750067087	Definition of the preliminary impingement forces and moments for the MDAC and GD/C booster configurations	1971
19750067664	Analytic cross sections for 1 S-1 yields 1 S-1, 1 S-1 yields 2 S-1, 1 s1 yields 2 P-1 transitions in helium by electron impact	1971
19750067677	Gas liquid chromatograph packed column separation of amino acid enantiomers: Application to prebiological ultraviolet syntheiss of alanine	1971
19750067792	MIT's role in Project Apollo. Volume 5: The software effort	1971
19750067804	LRV operations handbook appendix A (performance data)	1971
19750067807	Critical mass (hypothesis and verification) of liquid rocket propellants	1971
19750067869	International rendezvous and docking mission	1971
19750068337	Space shuttle main engine definition (phase B). Volume 4: Turbomachinery	1971
19750068338	Space shuttle main engine definition (phase B). Volume 6: Engine/vehicle integration	1971
19750068722	Computer recognition of metastable ions	1971
19750068767	The t119-X2cD1-W181f3: Cryogenic radiation effects, Ti-5Al-2.5SnELI forging	1971
19750069162	Study on dynamics of an ellipsoidal bulkhead containing fluid	1971
19750069364	Earth observations aircraft program cataloging and indexing report. Mission 166: Test sites l68, l77, 190, 239 244, 273, and 277	1971
19750069467	Optical communications and detection system	1971
19750069562	LRV operations handbook, appendix A (performance data)	1971
19750069777	Space shuttle phase B system study. Part 3-2: Program acquisition plan. Engineering and development	1971
19750069778	Space shuttle phase B system study. Part 3-3: Program acquisition plan. Operations	1971
19750069779	Space shuttle phase B system study. Part 3-4: Program acquisition plan. Facilities utilization and manufacturing	1971
19750069780	Space shuttle phase B system study. Part 3-5(A): Program acquisition plan. Test	1971
19750069781	Space shuttle phase B system study. Part 3-5(C): Program acquisition plans, test	1971
19750069782	Space shuttle phase B system study. Part 3-6: Program acquisition plans. Logistics and maintenance	1971
19750069783	Space shuttle phase B system study. Part 3-7: Program aquisition plan. Program cost and schedules	1971
19750069789	Space shuttle phase B system study: Summary mass properties report	1971
19750069791	Space shuttle phase B system study. Part 1: Summary. Detail mass properties report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750069792	Space shuttle phase B system study. Part 2(A): Orbiter details. Detail mass properties report	1971
19750069793	Space shuttle phase B system study. Part 2(B): Orbiter details. Detail mass properties report	1971
19750069794	Space shuttle phase B system study. Part 3(A): Booster details. Detail mass properties report	1971
19750069795	Space shuttle phase B system study. Part 3(B): Booster details. Detail mass properties report	1971
19750069796	Space shuttle phase B system study extension: Mass properties status report	1971
19750069798	Space shuttle phase B extension study plan	1971
19750069799	System specification for the space shuttle system	1971
19750069800	Space shuttle phase B system study: Propulsion tradeoffs documentation	1971
19750069801	Space shuttle phase B systems study extension: Test plan	1971
19750069802	Space shuttle system study extension: OMSF design review	1971
19750069803	Space shuttle phase B systems study. Program review: Selected issues	1971
19750069804	Space shuttle phase B systems study. Program review: 270-day status	1971
19750069805	Space shuttle system: GSE general specification	1971
19750069806	Space shuttle system: Booster/orbiter interface control document	1971
19750069807	Space shuttle system: Orbiter/payload interface control document	1971
19750069808	Space shuttle system: Space shuttle/launch facilities interface control document	1971
19750069902	NERVA configuration management plan, S018-SS090205-DF1, C-018	1971
19750069911	NERVA altitude simulation system. Exhaust duct system preliminary design. Appendix A, addendum 2: Preliminary aero/thermo analysis, book 2	1971
19750069912	NERVA altitude simulation system. Exhaust duct system preliminary design. Appendix A, Preliminary aero/thermo analysis, book 1	1971
19750069913	NERVA altitude simulation system. Exhaust duct system preliminary design. Volume 3: Preliminary fabrication specification no. 210-3352-G-002	1971
19750069914	NERVA altitude simulation system. Exhaust duct system preliminary design. Volume 1: Preliminary design report	1971
19750069917	NERVA altitude simulation system. Exhaust duct preliminary design (F008). Preliminary dynamic analysis, F008-NAS02-W224, appendice C	1971
19750069920	Engineering operations report: Shielding requirements for RNS nuclear propulsion module	1971
19750069921	Project Report: Specification Requirement Allocation Sheets (SRAs)	1971
19750070041	CEI development specification for the space shuttle orbiter	1971
19750070042	CEI development specification for the space shuttle booster	1971
19750070085	Design, processing, and testing of LSI arrays for space station	1971
19750070141	Design, processing, and testing of LSI arrays for space station	1971
19750070145	Design, processing, and testing of LSI arrays for space station	1971
19750070182	NERVA altitude simulation system. Exhaust duct system preliminary design. Appendix A, addendum 2: Preliminary aero/thermo analysis, book 3	1971
19750070183	NERVA altitude simulation system. Exhaust duct system preliminary design. Appendix A, addendum 2: Preliminary aero/thermo analysis, book 2	1971
19750070184	NERVA altitude simulation system. Exhaust duct system preliminary design. Volume 4: Preliminary facility interface sheets (S-058)	1971
19750070185	NERVA altitude simulation system. Exhaust duct system preliminary design. Appendix B, addendum 1: Preliminary structural analysis	1971
19750070197	NERVA altitude simulation system. Exhaust duct system preliminary design. Preliminary design, materials Q. A., and manufacturing evaluations, appendix G	1971
19750070476	Calibration of biomedical Hasselblad cameras on wild T-4 goniometer	1971
19750070510	NERVA altitude simulation system. Exhaust duct system preliminary design. Conceptual design drawings and layouts list, appendix H (addendum I to appendix H)	1971
19750070511	NERVA altitude simulation system. Exhaust duct system preliminary design. Preliminary hazards/reliability analysis, F008-NAS02-W224, appendix E/F	1971
19750070512	NERVA altitude simulation system. Exhaust duct preliminary design. Preliminary fabrication, specification no. 210-3352-G-002, volume 3	1971
19750070513	NERVA altitude simulation system. Exhaust duct system preliminary design. Preliminary design drawings, volume 2	1971
19750070515	Status review: NERVA altitude simulation system, exhaust duct system preliminary design, f008-NSR-03-W226	1971
19750070516	NERVA altitude simulation system. Exhaust duct system preliminary design. Preliminary design, materials, Q. A., and manufacturing evaluations, appendix G	1971
19750070517	NERVA Altitude Simulation System. Exhaust Duct System Preliminary Design. Preliminary Nuclear and Radiation Effects Analysis, Appendix D (Addendum 1 to Appendix D)	1971
19750070518	Facility requirements document: NRDS test cell "c" single NERVA turbopump facility, F004-CP091149BG1	1971
19750070520	Preliminary NRDS test cell A NERVA turbopump 65mm bearing testing facility requirements, supplement	1971
19750070521	NERVA thrust structures. Component design report	1971
19750070551	Performance/design and qualification requirements for bypass control module valves	1971
19750070558	NERVA turbopump assembly. Volume 2: Mechanical design, instrumentation, and nuclear radiation analysis	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750070566	NETAP (Nuclear Engine Transient Analysis Program)	1971
19750070568	NERVA nuclear subsystem, Part 1	1971
19750071018	NERVA altitude simulation system. Exhaust duct preliminary design. preliminary facility interface sheets, volume 4	1971
19750071020	Facility requirements document: NRDS test cell A NERVA turbopump 65MM bearing testing facility requirements, F004CP091295-BG1	1971
19750071021	Supplemental design criteria. NRDS test cell A. NERVA turbopump 65mm bearing test facility	1971
19750071023	NERVA altitude simulation system. Exhaust duct system preliminary design. Preliminary aero/thermo analysis, appendix A, book 1	1971
19750071288	Technological innovation for civilian, social purposes	1971
19750071360	Environmental quality program	1971
19750071502	Gimbal actuator	1971
19750071509	Engine test stand no. 1 (ETS-1) facility requirements document	1971
19750071519	Flight and ground test control integration plan	1971
19750071522	NERVA altitude simulation system, F008-NAS02-W224. Exhaust duct system preliminary design. Preliminary nuclear and radiation effects analysis. Appendix D, (addendum 1 to appendix D, F008-NAS01-W2-24)	1971
19750071539	Engineering operations report: Status report on hydrogen specie in the NERVA engine design	1971
19750071542	Engineering Operations Report: 1137400E NERVA Engine Operating Description	1971
19750071558	Quarterly progress report for first quarter CY 1971 covering the period of October, November, and December 1970	1971
19750071570	NERVA detail specifications	1971
19750071574	NERVA detail specifications	1971
19750071575	Reliability allocations, assessments, and analysis report. Volume 1. Reliability model, predictions and allocations. Volume 2: System failure-mode effects and criticality analysis. Volume 3: Trend data	1971
19750071942	Direct-connect tests of a hydrogen-fueled supersonic combustor	1971
19750071987	Structural analysis report, nuclear subsystem	1971
19750072000	Systems analysis summary report, volume 1, sections 7-9	1971
19750072176	A performance evaluation of a strapdown inertial measurement unit in the presence of a severe dynamic environment	1971
19750072479	F13/F14 nose fairings lengthened configuration: Design studies	1971
19750072488	First stage flight plan data for vehicle F-11	1971
19750072493	Flight loads on the Europa 2 vehicle: F11 standard	1971
19750072519	Comparison between engines with one and two turbopumps	1971
19750072523	Solid propulsion transfer and injection system for Europa 3 (TAROS): Feasibility study	1971
19750072526	Shuttle APS study	1971
19750072529	Europa 3B: Study of Vasco-Jet 90	1971
19750072532	Comparative study of propellants for a transfer and injection stage	1971
19750072624	Management manual: Problem reporting and corrective action for MSC programs	1971
19750072626	Assessment of NASA-SP-8057 (dated January 1971) structural design criteria applicable to a space shuttle	1971
19750072639	Graphite fiber surface treatments	1971
19750072643	Numerical analysis of jet formation from lined shaped charges	1971
19750072645	Design of an optimum sabot for long range bombardment ammunition	1971
19750072647	The field line method for determining contours of peak overpressure from arrival time measurements for axisymmetric explosions	1971
19750072659	Studies of graphite vaporization using a modulated beam mass spectrometer	1971
19750072662	Automatic recognition of continuous speech utilizing dynamic segmentation, dual classification, sequential decoding, and error recovery	1971
19750072663	High-latitude propagation study, volume 1	1971
19750072794	Dual line receiver operational amplifier integrated circuit	1971
19750072840	Reliability verification test, diode, zener, P/N 11176913	1971
19750072845	Sprint project baseline program Teledyne semiconductor transistor, NPN dual 11176	1971
19750072859	Sprint project baseline program unitrode corporation microwave diode 11178104	1971
19750072860	Reliability verification test on semiconductor, diode, voltage reference. silicon, diffused glass	1971
19750072861	Sprint project baseline program, General Electric Company SCR 1176140 on semiconductor diode, thyristor, silicon, diffused metal	1971
19750072866	Ten-year surveillance program progress report, 1 January - 31 August 1971	1971
19750072915	The Earth Resources Technology Satellite: Are we ready for it?	1971
19750072973	AN/GPA-131 video mapping group: Category 1 testing	1971
19750073043	Development of surface treatments for high-modulus graphite filaments	1971
19750073044	Advanced ceramic systems for rocket nozzle applications	1971
19750073161	Sprint alternate source qualification report P/N 11176144	1971
19750073180	Sprint project baseline program Teledyne Semiconductor, Incorporated transistor 11176056	1971
19750073273	Design study for a solid state Denehy dispenser control system	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073375	Report of test on variable resistor	1971
19750073376	Integrated circuit half-shift register	1971
19750073494	Does everything depend upon aircraft workers?	1971
19750073630	Air Force reusable rocket engine program XLR129-P-1, volume 3	1971
19750073633	Space shuttle design review. Phase B: System study extension	1971
19750073667	Increasing strengths of boron fiber and graphite fiber plastic composites	1971
19750073741	Engineering Model Fabrication and Test Report	1971
19750073748	Report of test on motor for use in vacuum environment	1971
19750073857	Air Force reusable rocket engine program XLR129-P-1, volume 1	1971
19750073858	Air Force reusable rocket engine program XLR129-P-1, volume 2	1971
19750073891	End item specification MEED Ground Support Equipment (GSE) for Microbial Ecology Evaluation Device (MEED)	1971
19750073892	Preliminary shock and vibration analysis of MEED structure	1971
19750073893	Verification plan for Microbial Ecology Evaluation Device (MEED) program	1971
19750073895	Development test specification (appendix A to 1103-VTP, revision A) for Microbial Ecology Evaluation Device (MEED) program	1971
19750073897	Qualification test specification for Microbial Ecology Evaluation Device (MEED) program	1971
19750073939	Space shuttle data. Air breathing propulsion. Part 2: Booster	1971
19750073955	Investigation of a high density incendiary explosive (U)	1971
19750073966	Manufacturing methods for explosive binder components (U)	1971
19750073968	A study of tin-plated copper liners in shaped charges (U)	1971
19750073969	A JWL equation of state for the detonation products of PBXW-106 (U)	1971
19750073972	The evaluation of the effect of explosive filler on shaped charge performance and lethality effectiveness (U)	1971
19750073973	FAE flow computations using AFAMF code (U)	1971
19750073983	Report of test on (318) resistors P/N 2602158	1971
19750074133	Operational employment test and evaluation. Phase 2: Medium altitude (U)	1971
19750074159	Investigation of fatigue and foreign object damage effects on lamilloy (U)	1971
19750074287	Elastomers for liquid rocket propellant containment	1971
19750074883	Explosive and pyrotechnic devices in spacecraft systems	1971
19750074934	Apollo/Saturn launch complex 39 maintenance manual. Volume 1: 250-ton bridge crane.	1971
19750074944	Photographic concept evaluation helicopter sensor delivery system, phase 1 (U)	1971
19750075059	Laser target designation system engineering test plan (U)	1971
19750075301	A method of improving the strength of continuous RAE type 2 carbon fibres	1971
19750075306	Thomson scattering in a strong magnetic field	1971
19750075371	Progress report of Physics Division including Applied Mathematics and Computing Section, 1 April - 30 September 1971	1971
19750075607	Report of test on (6) matched sets and (2) sets unpotted reactors and (4) sets for life test	1971
19750075766	Qualification of (14) network DC-DC converter modules	1971
19750075946	Qualification of (20) piston assemblies	1971
19750076044	Progress report of Engineering Research Division, 1 October 1970 - 31 March 1971	1971
19750076045	Interagency Mechanical Operations Group (IMOG) subgroup on gaging	1971
19750076046	Interagency Mechanical Operations Group (IMOG) steering committee	1971
19750076092	Material considerations in support of the FFTF. Preliminary safety analysis report-RM 9, volume 2	1971
19750076133	Energy expenditures associated with the production and recycle of metals	1971
19750076154	User's manual for a data-display and interaction program (PDP-8 computer-FOCAL 69)	1971
19750076162	High temperature physical properties and equation-of-state reactor materials program work plan	1971
19750076163	Survey and status of treat converter	1971
19750076266	The laser in the shop	1971
19750076283	Test report on (14) caging amplifier modules	1971
19750076284	Qualification of (14) gyro regulator modules	1971
19750076938	EMC test report for radio set AN/GRC-144	1971
19750077246	Solutions of a hose equation with Gaussian beam profile	1971
19750077366	Space shuttle main engine definition (phase B)	1971
19750077489	Qualification of (170) transistors P/N 2602194	1971
19750077565	Report of test on motor and tachometer for use in vacuum environment	1971
19750077669	An eddy-current distance gage for precise static measurements	1971
19750077863	Service suitability phase of the service acceptance trials of the AH-1J helicopter	1971
19750078018	Report of test on (411) transistors	1971
19750078059	Transient liquid metal boiling and two-phase flow	1971
19750078094	Vortex breakdown: Some observations in flight on the HP 115 aircraft	1971
19750078208	A process of developing color photographic materials using black-and-white development	1971
19750078213	Recovery of silver from used-up photosensitive materials	1971
19750078321	Design and analysis of a parametric lower sideband upconverter	1971
19750078432	Workmanship standard: Potting and conformal coating	1971
19750078566	New high explosive routine for the computer code TUTU	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078575	APL interpreter	1971
19750078583	WDC-1-1 experiment data package	1971
19750078586	Material considerations in support of the FFTF. Preliminary safety analysis report-RM 9, volume 1	1971
19750078624	Aerothermodynamic data base monthly data file contents report	1971
19750078765	Statistical analysis of ECM/ECCM signals and techniques	1971
19750078814	Expansion in orthogonal polynomials	1971
19750078846	Aerothermodynamic data base monthly data file contents report	1971
19750078847	Aerothermodynamics data base monthly data file contents report	1971
19750078848	Aerothermodynamic data base monthly data file contents report	1971
19750078900	Qualification status of Natel Eng (10671378), microelectronic circuits, converters, hybrid circuits, NOC, plug-in	1971
19750078902	Pyrolytic carbon infiltration studies	1971
19750078918	An/VVG-1 () laser range finder for the M551 Sheridan vehicle	1971
19750079388	Influence of fixed and free transition on the directional stability characteristics of an ASD drone model follow-on test	1971
19750079423	On Newton-like iterative methods	1971
19750079427	Evaluation of carbon composites. Volume 1: Material characterization and nozzle demonstration	1971
19750079632	Rant RF-bridge conductance gauge R1 flight test unit, S/N 020	1971
19750079633	Minutes of the reentry antenna test program (RANT) 13th technical direction meeting	1971
19750079907	Functional system design requirement for the army-wide tactical operations system TOS FSDR, volume 2, appendix B	1971
19750080078	Space shuttle detail mass properties report. Volume 3: Orbiter. Book 1: Mass properties data	1971
19750080091	Research and Applications Module (RAM) phase B study. Volume 1: 4.1 requirements analysis and definition. Appendix C: Trade studies	1971
19750080262	Modeling and analysis of tuned power amplifiers	1971
19750080803	Analysis of human control functions in a complex man machine system	1971
19760065175	Space shuttle booster air breathing engine system	1971
19760065283	Development specification: Mandrel, graphite, nozzle extension, NERVA	1971
19760065333	Nuclear flight system definition study. Volume 3, phase 3: Program support requirements	1971
19760065842	Space shuttle system program acquisition plan. Part 3-1: Program management supplement	1971
19760065843	Space shuttle system program acquisition plan. Part 3-5(B): Test	1971
19760065947	Hypersonic research engine project. Phase 2: Structures Assembly Model (SAM), test report, data item no. 63.05	1971
19760065965	Flight safety contingency analysis report. Volume 2: Nonnuclear subsystems contingency analysis	1971
19760066165	Remote sensing techniques for measurement of water temperatures	1971
19760066168	Computer recognition of metastable ions	1971
19760066169	Extension of Nordsieck's method to the numerical integrator of higher-order ordinary differential equations	1971
19760066468	Theory and design of variable conductance heat pipes: Hydrodynamics and heat transfer	1971
19760066511	Phase B system study extension, part 1	1971
19760066512	Space shuttle preliminary test plan for phase C/D. Volume 3: Booster	1971
19760066513	Space shuttle preliminary test plan for phase C/D. Volume 4: Shuttle support equipment	1971
19760066514	Space shuttle phase C/D baseline. Volume 3: Work breakdown structure dictionary	1971
19760066515	Space shuttle facility utilization and manufacturing plan for phase C/D. Volume 1: Orbiter	1971
19760066516	Space shuttle facility utilization and manufacturing plan for phase C/D. Volume 2: Booster	1971
19760066517	Alternate Space Shuttle Concepts study. Part 3: Engineering and development plan. Volume 1: Shuttle system	1971
19760066518	Alternate Space Shuttle Concepts study. Part 3: Engineering and development plan. Volume 2: Orbiter vehicle	1971
19760066519	Alternate space shuttle concepts study. Part 3: Engineering and development plan. Volume 2: Orbiter vehicle	1971
19760066520	Alternate Space Shuttle Concepts study. Part 3: Engineering and development plan. Volume 3: Booster vehicle	1971
19760066521	Alternate Space Shuttle Concepts study. Part 3: Operations plan	1971
19760066522	Orbital maneuvering system concept selection trade study, phase B	1971
19760066523	Engine/vehicle integration studies: Auxiliary power unit requirements, phase B	1971
19760066524	Attitude Control Propulsion System (ACPS) requirements and duty cycles	1971
19760066525	Specification no. SS613M0001 system specification for a space shuttle system	1971
19760066526	Specification no. 76Z0501 ground systems specification Space Shuttle System	1971
19760066527	Space shuttle logistics and maintenance plan for phase C/D	1971
19760066528	Specification no. CP613M0002 orbiter vehicle 1: Space shuttle system	1971
19760066829	Aerodynamic design of acoustic nacelles for high bypass turbofan engines	1971
19760066880	Summary of test results on spare nickel-cadmium cells from OAO-A-2 flight batteries	1971
19760067191	Alternate space shuttle concepts study. Part 2: Technical summary. Volume 1: Shuttle definition	1971
19760067193	Alternate space shuttle concepts study. Part 2: Technical summary. Volume 3: Booster definition	1971
19760067208	The Chesapeake Bay bibliography. Volume 1: The James River	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760067225	Research on Chesapeake Bay and contiguous waters of the Chesapeake bight of the Virginian Sea	1971
19760067339	Prediction of stress and strain under drained loading conditions. Report 2: Finite element analysis of elasto-plastic frictional materials for application to lunar earth sciences	1971
19760067391	Nuclear shuttle definition study. Phase 3: Final briefing	1971
19760067392	Nuclear shuttle system definition study, phase 3: Volume 5: Schedules, milestones, and networks	1971
19760067393	Reusable nuclear stage system definition study. Phase 4: First interim briefing	1971
19760067738	Variable pitch, lift-cruise fan system study	1971
19760067827	Catalog of NASA's Gemini photography of the earth	1971
19760067835	Optimum continuous control by a method of parameterization	1971
19760067952	Orifice jet brazing process development, qualification, and initial application	1971
19760068560	Nuclear shuttle system definition study, phase 3, volume 3: Program support requirements. Part B: Class 3 RNS	1971
19760068562	Nuclear shuttle system definition study, phase 3. Volume 3: Program support requirements. Part C: Test program analyses and SRT requirements	1971
19760068642	Nuclear flight system definition study. Phase 3: Final report. Volume 6: Reliability and safety analysis	1971
19760068663	Unified metabolism detector for Mars and extension of extraterrestrial life detection by enzymatically induced exchange of O ₁₈	1971
19760068796	Task 2 final report	1971
19760068797	Task 3 final report	1971
19760068847	Aircraft scatterometry program data analysis	1971
19760068848	Thermal design report Hydrogen Thermal Test Article (HTTA)	1971
19760068909	Manual of materials data release memoranda, supplement 1	1971
19760068935	LNZ and LH2 fracture toughness of ARMCO alloy 22-13-5	1971
19760068938	NERVA external shield	1971
19760069158	Space shuttle crew station review, number 2	1971
19760069291	Nuclear shuttle systems definition study, phase 3. Volume 5: Schedules, milestones, and networks	1971
19760069292	Nuclear shuttle systems definition study phase 3. Volume 7: RNS tank pressurization analysis	1971
19760069293	Nuclear shuttle systems definition study, phase 3. Volume 8: RNS test program requirements, NRDS	1971
19760069336	Reactor cooldown criteria	1971
19760069339	Mass properties analysis report, nuclear subsystem	1971
19760069350	S-110 radiation effects analysis of structural support block valve EC 90261	1971
19760069351	Effect of cryogenic irradiation on NERVA structural alloys	1971
19760069386	Cooldown and thrust nulling requirements. Trade study no. 703/704. Data item S-54	1971
19760069721	NERVA cluster and hot end hardware. Trade study no. 774	1971
19760069722	Core periphery. Trade study no. 778	1971
19760069723	Lateral support. Data item S-54, trade study no. 782	1971
19760069726	A71C to appendix B, statement of work, volume 1	1971
19760069730	NERVA nuclear subsystem	1971
19760069760	SNSO Headquarters Meeting with LASL, Y-12 and WANL	1971
19760069762	Evaluation of NSS design-mission interactions	1971
19760069767	Nozzle extension nondestructive test plan	1971
19760069775	Evaluation of pyrolytic graphite used in NERVA reactors	1971
19760069788	NERVA irradiation program. GTR 20C combined effects of reactor radiation and cryogenic temperature on nerva structural materials	1971
19760070604	Aerothermodynamic data base monthly data file contents report	1971
19760070694	A collection of technical papers: Air	1971
19760071123	Inner Adjustment Constraints with Emphasis on Range Observations	1971
19760071148	Particle track studies and the origin of gas-rich meteorites	1971
19760071352	Radioresistance in hamsters during hypothermic depressed metabolism induced with helium and low temperatures	1971
19760071354	O ₂ consumption, electrocardiogram, and spontaneous respiration of hypothermic hamsters	1971
19760071378	NERVA configuration management plan, C-018	1971
19760071409	NERVA thrust structures: Component design interim report, N8600Ri 71-013	1971
19760071873	Nuclear shuttle systems definition study. Phase 3, Volume 1: Executive summary	1971
19760071882	Nuclear shuttle system definition study, Phase 3	1971
19760072342	Nuclear shuttle system definition study, phase 3	1971
19760072346	Nuclear flight system definition study. Phase 3, volume 1. Executive summary	1971
19760072395	A numerical solution method for two dimensional non-viscometric flows of fluids exhibiting fading memory	1971
19760072698	Low temperature tensile properties of irradiated alloy A-286	1971
19760072995	Apollo 14 mission report	1971
19760073107	Feasibility of growing single crystal ribbons in a space environment	1971
19760073209	Notes on Philco-Ford intremold data	1971
19760073421	Studies of the local pressure and velocity fields in turbulent shear flows in large scale subsonic facilities (including both simple jets and variable bypass jets) and their relation to aerodynamic noise generation	1971
19760073526	Apollo lunar-descent guidance	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760073534	Investigations related to multispectral imaging systems for earth-resource surveys	1971
19760073535	Data gaps in the NASA earth resources spectral information system	1971
19760073536	Investigations of multispectral sensing of crops	1971
19760073607	Development of a thermal protection system for the wing of a space shuttle vehicle, phase 2	1971
19760073996	A frequency response method for the analysis and design of multirate sampled-data systems	1971
19760074023	Irradiation capsule assembly fabrication	1971
19760074746	Initial aerodynamic loads following first/second stage separation of Europa 3: Reference model number 26	1971
19760074749	Estimation of the Europa 3 aerodynamic loads including shroud and fin effects	1971
19760074750	Estimation of aerodynamic loads on Europa 3 reference model no. 26	1971
19760074751	Estimation of aerodynamic loads on Europa 3 Motor expansion cones	1971
19760074818	Study for a Europa 3 transstage	1971
19760074823	Comparative analysis of the Europa 3 upper stage and the space tug	1971
19760074832	Visibility of F11 satellite from stations at ascension (A) Nairobi-San Marco (B) Orroral (C) and Carnavon (D)	1971
19760074833	Influence of the spin rockets efflux on the telemetry antennae	1971
19760074837	Preliminary study on the means permitting the establishment of EMC specifications for a satellite by the Europa 2 vehicle	1971
19760074862	Coralie engine-F11 launch: guidance simulation using Elliot calculator 920 m and SFENA autopilot	1971
19760074864	Feasibility study of a spintable	1971
19760074867	Europa 3 safety system: General presentation	1971
19760074875	Evaluation of on-board computers for Europa 3 with emphasis on guidance and control	1971
19760074878	Thermal flux measurements on a technological satellite	1971
19760074884	Proposal to ELDO for technology developments on a fuel cell arising from the European Space Tug study	1971
19760074900	Influence of propellants position on guidance stability	1971
19760074906	European space tug engine study pre-phase A	1971
19760074910	Propellant flow, thermodynamic, and stress analysis of the H-20 engine pre-combustion chamber	1971
19760074917	Possibility of using the Europa 2 perigee propulsion system on a Europa 3 apogee stage	1971
19760074930	ELDO Shuttle Technology Program: Investigation on non-metallic thermal protection panels	1971
19760074962	First stage thermal assessment of Europa 1 development programme	1971
19760074981	Liquid oxygen pump inducer study: Design approach	1971
19760074988	Choice of the shape of the bases for the main tanks in Europa 3 first stage structure	1971
19760074989	Plate thickness: Extreme stresses and strains under ultimate load for main tanks of Europa 3 first stage structure	1971
19760074993	Elastic model of the Europa 3 launcher	1971
19760074998	Thickness calculations for water tank wall in Europa 3 first stage structure: Extreme stresses and deformations under ultimate loads	1971
19760075035	Europa 3 heat shields. Overall loads evaluation. Part A: Aerodynamic analysis	1971
19760075039	Europa 3 heat shields: Aerodynamic analysis	1971
19760075042	Admissible yaw programs of the Europa 2 first stage	1971
19760075043	Analysis of steady and unsteady pressure and force measurements on a circular cylinder at Reynolds numbers up to 7.7 million	1971
19760075051	Engineering project of the guidance system in the Europa 3 first stage	1971
19760075054	Europa 3 launcher performance: Study of different versions	1971
19760075056	Parametric study of a trajectory profile for the Europa 3 launcher	1971
19760075059	Investigation to establish an attitude law to minimize the product of the dynamic pressure and incidence for Europa 3	1971
19760075068	Vibration environmental test conditions	1971
19760075070	Estimated checks to be done on the Europa 3 first stage	1971
19760075073	Description of platform simulator TNP 627.40	1971
19760075086	Europa 3 vehicle on launch pad in the configuration with all tanks full. Suitable lateral wind as a function of the main tank pressurization in the first stage	1971
19760075094	Europa 3 heat shields: Separation conceptual design	1971
19760075119	VEB electrical design, volume 2	1971
19760075120	Europa 3 VEB (Vehicle Equipment Bay): Reinforced skin structure	1971
19760075124	Interstage separation: First review	1971
19760075139	Definition of first stage of Europa 3B launcher L150	1971
19760075156	Performance assessment of Blue Streak as first stage of Europa 1 vehicles F5 to F9	1971
19760075159	VEB testing and integration, volume 3	1971
19760075171	Satellite visibility when placed in an eight hour orbit	1971
19760075174	Preflight checks on the F11 first stage control system using an analogue simulation incorporating hardware units of the IGS	1971
19760075184	Mixed structure study for cargo bay door of space shuttle orbiter	1971
19760075185	Flight performance of the space shuttle (Preliminary study)	1971
19760075197	Study of the influence of the variations of parameters on the functioning of the 200 kN HP engine, (functioning with respect to constant prechamber mixture at fixed prechamber valve position)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075198	Studies of the parameter variations of the 200kN HP engine	1971
19760075199	Study of influence of the variation of the parameters on the functioning of the 200kN HP engine	1971
19760075200	Influence of different pressure drop laws (SEP and MBB) in the hydrogen circuit on the operation of the engine off design point	1971
19760075202	A liquid propulsion module for Europa 3: LIMOS	1971
19760075205	Determination of H-20 engine operating design point version with dump cooling	1971
19760075212	Determination of engine operating design point	1971
19760075226	Hydraulic power generator for Europa 3. Volume 1: Technical proposal	1971
19760075227	Hydraulic power generator for Europa 3. Volume 2: Technical proposal	1971
19760075230	Onboard electrical generation by alternator or batteries for Europa 3: Weight comparison	1971
19760075243	Technical and financial proposal for the study and development of the hydraulic power system for the first and second stages of Europa 3	1971
19760075252	Europa 3 heat shields: Materials investigation	1971
19760075261	Carbon fibre in aerospace structures	1971
19760075282	Europa 3 heat shields. Overall loads evaluation. Part B: Thermal analysis	1971
19760075286	Europa 2: Investigation into the influence of kinetic heating on the load capacity of the third stage outer structure	1971
19760075292	Assessment of methods of improving third stage kinetic heating predictions	1971
19760075396	Messerschmitt-Boelkow-Blohm LH2 pump test - program	1971
19760075402	Admissible wind for Europa 3 first stage structure on the launch pad	1971
19760075406	Mass determination of the fairing knowing its geometric dimensions	1971
19760075413	Europa 3 heat shields: Structure design analysis	1971
19760075420	Structural criteria	1971
19760075422	Definition study of the engine frame of the Europa 3 first stage	1971
19760075427	Computation 1 of the upper stage structure	1971
19760075428	Computation 1	1971
19760075448	VEB structure, volume 1	1971
19760075462	Aerodynamic characteristics of the vehicle. Technical assessment of results provided by the manufacturer	1971
19760075465	Pre-study on influence of boundary layer transition upon kinetic heating	1971
19760075467	Coupled Europa 2/Cos-B spacecraft load analysis	1971
19760075473	Analysis and classification of European space options. Volume 1: Principal report	1971
19760075482	Analysis and classification of European Space options. Volume 2: Annexes	1971
19760075483	Europa 3: Mathematical model for simulation (version two)	1971
19760075489	A thermal-mechanical fatigue test plant for the space shuttle: Feasibility study	1971
19760075503	Europa 2 PDP study phase 1: Integration second stage	1971
19760075506	Europa 3 checkout data acquisition subsystem	1971
19760075507	Europa 3 checkout data acquisition subsystem	1971
19760075508	Europa 3 checkout data acquisition subsystem	1971
19760075509	Europa 3 checkout data acquisition subsystem	1971
19760075514	Qualification of combined static test rig: Tests on a structure to rupture under combined loads at 77K	1971
19760075516	Integrated checkout system: Technical proposal	1971
19760075525	Europa 3: Investigations for a low cost launcher vehicle	1971
19760075526	Low cost launcher vehicle of the Europa 3 class	1971
19760075542	Research for a trajectory with zero incidence and such that the product of dynamic pressure and incidence is a minimum for the Europa 3 launcher (orbit 200/3600 km)	1971
19760075543	Vehicle dynamic characteristics. Volume 1: General presentation	1971
19760075544	Vehicle dynamic characteristics. Volume 2: Annexes	1971
19760075577	Guiding principles for the specification concerning the pogo behavior	1971
19760075591	Safety system Europa 3	1971
19760075592	Safety system Europa 3	1971
19760075609	Parametric study of the propellant tanks. Volume 1: Results	1971
19760075610	Parametric study of the propellant tanks. Volume 2: Annexes	1971
19760075617	General assessment of Europa 3 launcher performances	1971
19760075618	Europa 1 and 2: Performances	1971
19760075619	Europa 3: Relation between first stage and check-out system	1971
19760075622	The influence of structural mathematical models on the computed dynamic load environment of the Europa 2 payload	1971
19760075638	Technical specifications for a phase A space tug study	1971
19760075639	Investigation of the ELDO-A launcher third stage longitudinal vibration instabilities. Flight vehicle F11: Pogo	1971
19760075642	Simulation of the third stage dynamic vehicle F11 under inertial guidance	1971
19760075646	Europa 3 heat shields: Mission analysis	1971
19760075649	Europa 1/2 payload constraints as defined by the first stage control system performance requirements	1971
19760075650	F9 vehicle: Post flight assessment of the inertial guidance system and first stage autopilot during first stage flight	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075668	Operational aspects of the integrated check-out system for Europa 3	1971
19760075687	ELDO technical data sheets: Europa 1 and 2	1971
19760075690	Study of a transtage for Europa 3, volume 1	1971
19760075691	Study of a transtage for Europa 3, volume 2	1971
19760075704	Coupled Europa 2 Symphonie spacecraft load analysis during first stage flight	1971
19760075708	Summary study of Drakkar stage fueling of Europa 3 vehicle	1971
19760075723	Intertank diaphragm differential pressure incident on F11 vehicle at ELS	1971
19760075726	Calculation of the lift-off dispersions due to the mechanical misalignment of the vehicle and of the launcher release gear	1971
19760075739	Space shuttle TPS panel dynamic analysis	1971
19760075740	Europa 2. Perigee stage conception review: Flight mechanics	1971
19760075769	Heating of the rear skirt of the Europa 2 launch vehicle fourth stage	1971
19760075771	Integration project for the electrical equipment	1971
19760075772	ELDO-PAS: Measurement of perigee stage inertia using the bifilar pendulum method	1971
19760075773	Study of the possibility of using Europa 3 second stage as a space tug	1971
19760075781	F11 multistage vehicle: RFI theoretical study assembled vehicle	1971
19760075782	Europa 2 operational perigee stage technical proposition. Volume 1: Text	1971
19760075783	Europa 2 operational perigee stage technical proposition. Volume 2: Drawings	1971
19760075784	Computer program PLC (prelaunch/check)	1971
19760075793	Compatibility of guidance noise and third stage dynamic performance	1971
19760075794	Data for Europa vehicles. Flight load computations, thermo-structural calculations and autopilot verification: F11 standard	1971
19760075795	F11 multistage vehicle flight loads	1971
19760075802	Reference model for general loads determination (propellant 150 tons)	1971
19760075803	Europa 2. Perigee stage conception review: Sequencing and measurement chains	1971
19760075805	Possibilities of using Europa 2 launch vehicle for the ESRO magnetospheric satellite mission	1971
19760075807	Guidance system organization. (First and second stage equipments standardization)	1971
19760075809	Europa 3 full and empty first stage mass: Center of gravity positioning and inertias in accordance with the SETIS reference model	1971
19760075810	Europa 3 first stage: Mass center of gravity positioning and inertias for 0 per cent, 25 per cent, 50 per cent, 75 per cent and 100 per cent of burnt propellants	1971
19760075811	Measurements assessment	1971
19760075821	Analysis of errors in the determination of an injection point based on orbital measurements from the ground	1971
19760075825	ELDO A/S: Attitude control and orbital corrections	1971
19760075828	Spectral analysis of the Europa 2 inertial guidance computer steering commands to the first stage	1971
19760075834	Inertial sensing unit for Europa 3 launcher: Volume 1: Technical proposal	1971
19760075835	L150 guidance actuator specification	1971
19760075848	Mathematical models of the hydraulic control system equipment of Europa 3 second stage	1971
19760075853	Inertial guidance for ELDO system testing at NLR: Part 4: Analog simulation set-up for the closed loop tests	1971
19760075854	Inertial guidance for ELDO system testing at NLR: Part 5: Data processing program	1971
19760075856	Inertial guidance for ELDO system testing at NLR: Part 8: Description of the sequencer	1971
19760075857	Inertial guidance for ELDO system testing at NLR: Part 9: Check-out of the analog computer	1971
19760075858	Inertial guidance for ELDO system testing at NLR: Part 10: Check-out of the multiplexing and analog to digital conversion equipment (DAA) and its interfaces with the analog computer and the telemetry simulator	1971
19760075859	Inertial guidance for ELDO system testing at NLR: Part 11: Check-out of the rocking table and its interface with the DDA	1971
19760075860	Inertial guidance for ELDO system testing at NLR: Part 12: Check-out of the ATCU and its interfaces with the analog computer and the DDA	1971
19760075873	General structure of the Europa 3 launch vehicle telemetry	1971
19760075874	Onboard computer and telemetry system	1971
19760075890	Study of tank cylindrical wall sections fitted with their thermal protection	1971
19760075892	Investigation of the pogo oscillation phenomenon observed during first stage flight of Europa 1 vehicles	1971
19760075893	Comments on the dimensioning of the Europa 3 vehicle skirts	1971
19760075897	Three dimensional calculations of resonant frequencies and dynamic loads for the ELDO-A F11 third stage in flight	1971
19760075912	Temperature tests on telemetry containers: Mock-up 1ZY and 2ZY	1971
19760075914	Study and definition of level sensors	1971
19760075927	Preliminary study of the storage of liquid hydrogen for a thermo-nuclear stage	1971
19760075937	Bibliographical and theoretical study on maintaining cold the emptying lines	1971
19760075947	Preliminary studies for space vehicle with thermonuclear propulsion: Shielding, equipment, propulsion system and vehicle integrations	1971
19760075949	Exploratory study of the hydrogen flow in a nuclear space reactor (phase two)	1971
19760075950	Tests of metallic bellows in liquid oxygen	1971
19760075955	Propellant management analysis	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075963	Hydraulic power unit for the ELDO Europa 3. Volume 1: Technical proposal 2736 AP1	1971
19760075964	Hydraulic power unit for the MAN Europa 3. Volume 1: Technical proposal 2736 AP2	1971
19760075966	Study of the variation of the engine functioning parameters: Influence of the gaseous H2 injection temperature in the prechamber	1971
19760075978	Propulsive performances: F11 forecast	1971
19760075981	Test ROCEN 07 firing in vertical position	1971
19760075983	Summary note on the tests on the 40 tonne engine (last series of firing)	1971
19760075984	Characteristics of Viking 2 propulsion engine	1971
19760075986	Proposal for studies. Viking engine: Study of combustion stability	1971
19760075987	First test of complete Viking engine: Ninth test of Viking engine turbopump thrust regulated to 60 tonnes.	1971
19760075992	Third test of the turbopump of the 55 tonnes Viking engine	1971
19760075996	Europa 3 second stage structure: Preliminary test philosophy for LH2 and LOX tank development and qualification	1971
19760075997	Description of Viking 2 rocket engine. Volume 1: Text	1971
19760075998	Description of Viking 2 rocket engine. Volume 2: Annex	1971
19760076004	Europa 2. Perigee stage conception review: Structure	1971
19760076005	Europa 2. Perigee stage conception review: Setting up	1971
19760076022	Results of tests of modelpumps with water	1971
19760076023	Application and utility analysis of electric engines	1971
19760076030	Proposal for the hydraulic power units of Europa 3	1971
19760076034	Eleventh test of the complete Viking engine, twentieth turbopump test and fifth test in engine configuration	1971
19760076043	Design and test of a compound insulation system for liquid hydrogen tankage	1971
19760076062	Static qualification of composite of Klegecell plus endothermic material. Test report	1971
19760076073	Project for a method of determining the total water content in nitrogen tetroxide	1971
19760076081	Determination of the water content in nitrogen tetroxide	1971
19760076098	ELDO Coralie G transmission link	1971
19760076112	Thermal study of the fourth stage rear skirt of the Europa 2 vehicle	1971
19760076117	Heating of the fourth stage rear skirt of the Europa 2 vehicle	1971
19760076125	Pre-study on radiative heating	1971
19760076126	Pre-study on payload kinetic heating after fairing jettisoning	1971
19760076127	Pre-study on incidence effects on kinetic heating	1971
19760076130	Evaluation of the F11 flight plan from first stage thermo-structural considerations	1971
19760076137	ELDO capsule fitted with a flux measuring arm: Thermal calculations	1971
19760076140	ELDO capsule: Additional thermal calculations	1971
19760076165	Europa 3 actuators	1971
19760076166	Europa 3 actuators	1971
19760076167	Europa 3 actuators: Definition of the first stage actuators	1971
19760076178	Thermonuclear stage: Preliminary study of a hydrogen tank structure	1971
19760076179	Dynamic analyses in accordance with the development of the second stage of Europa 3	1971
19760076185	Europa 3. General loads: Evaluation of calculations performed by ERNO	1971
19760076195	Calculation of test propellant tanks	1971
19760076196	Coralie stage dynamic model for the calculation of axial loads	1971
19760076197	Coralie stage dynamic model for the calculation of axial loads	1971
19760076199	Longitudinal modes	1971
19760076200	Transverse Modes	1971
19760076203	ELDO capsule fitted with a flux measuring arm: Stress calculations	1971
19760076207	ELDO F11/F12 capsule. Flight measurements of acoustic vibrations	1971
19760076218	Europa 3: Parametric study of general loads in flight	1971
19760076225	Behavior in axial compression of an unpressurized tank	1971
19760076226	Coralie F11: Natural bending modes during combustion	1971
19760076227	Europa 3 first stage: Stiffness following SETIS reference model	1971
19760076228	Dynamic model of the Coralie stage for the calculation of axial loads	1971
19760076229	Europa 2: Influence of the payload on second stage bending modes	1971
19760076233	Technical description of the structure	1971
19760076243	Europa 3: Junction between the first stage and the interstage	1971
19760076265	Europa 3 PDP: Onboard data processing system	1971
19760076267	Proposal for a computer for use with Europa 3 vehicle simulator	1971
19760076268	Computer system for Europa 3 integrated checkout system	1971
19760076272	Onboard computer for Europa 3 launcher. Volume 1: Technical proposal	1971
19760076273	Onboard computer for Europa 3 launcher. Volume 2: Commercial and legal	1971
19760076279	Exploratory study of the hydrogen flow in a nuclear space reactor	1971
19760076282	Thermal study of the fourth operational stage equipment bay of the ELDO vehicle, Europa 2	1971
19760076292	The sigma 4 wind tunnel (SNIAS - Europa 3)	1971
19760076294	The sigma 4 wind tunnel (SNIAS - Europa 3)	1971
19760076348	Coralie second stage of the Europa 2 launch vehicle	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076357	Europa 1 and 2: Customers manual	1971
19760076359	Load assumptions and design principles to assure the air/space worthiness of the structure of the launcher vehicle Europa 3. Part 2: Applied load assumptions and design principles (manual)	1971
19760076366	European space tug pre-phase A study, part 2	1971
19760076368	Project definition of launcher Europa 3. Preparatory work for interstage/separation system. Volume 1: Summary of project definition studies and results	1971
19760076369	Project definition of launcher Europa 3. Preparatory work for interstage/separation system, volume 2, parts 1 to 5	1971
19760076370	Project definition of launcher Europa 3. Preparatory work for interstage/separation system, volume 3, parts 1 and 2	1971
19760076375	Parametric study of the positioning of four nozzles at the rear end of a launch vehicle	1971
19760076386	Medium energy trans-stage: Europa 3	1971
19760076392	F11/F12 capsule: Descriptive manual	1971
19760076394	Europa 3 vehicle reference model for general load assessment (revision 3)	1971
19760076435	Space shuttle technology study: Data distribution subsystem (phase 1 study)	1971
19760076464	Load assumptions and design principles to assure the air/space worthiness of the structure of launcher vehicle Europa 3. Part 1: Requirements and their definition (manual)	1971
19760076480	Europa 2 vehicle first stage electrical systems. Descriptive manual: Vehicle autopilot and control system	1971
19760076492	Europa 2 vehicle first stage electrical systems. Descriptive manual: Instrumentation and telemetry systems	1971
19760076496	Development of hydraulic energy feed systems for the launcher Europa 3 first and second stage	1971
19760076502	Viking 1 turbopump tests. Volume 1: Text	1971
19760076503	Viking 1 turbopump tests. Volume 2: Annexes	1971
19760076521	High level reliability electronic sequencer for the Coralie G stage of the Europa launcher: Technical proposal	1971
19760076524	Auxiliary propulsion system for the space shuttle igniter: Theoretical and experimental study	1971
19760076529	ELDO PAS perigee stage bonding: Tests on Minnesota self-adhesive metallic ribbons	1971
19760076563	Elements for the definition of the reliability and component assembly technology for Europa 3	1971
19760076568	Partly reinforced high-pressure tank for post Apollo	1971
19760076570	Europa 3 first stage structure intertank skirt	1971
19760076571	ELDO F11/F12 capsule: Vibration qualification tests of mechanical development model	1971
19760076581	Mass and stiffness data for the structure subsystem upper stage (state: 10 March 1971)	1971
19760076614	Space shuttle technology study: Data distribution subsystem	1971
19760076619	Onboard computer for Europa 3 launcher. Volume 1: Technical proposal	1971
19760076637	Telecommunications by European satellite: International legal aspects	1971
19760076818	Vehicular infrared alarm (VIRA) system (U)	1971
19760077607	SSN navigation system integration program SINS Mk 2 Mod 1/1 A ANKOR reset optimization study (U)	1971
19760077608	Mk 2 Mod 1/1A SINS polar mode error analysis and computer program requirements (U)	1971
19760077690	Compatibility analysis of the KY-532A/ASQ and RT-728A/APX-64 in the Mark 12 identification system (U)	1971
19760078210	Transformer, audio-frequency, hermetically sealed, 400 cycles only	1971
19760078684	Alternate space shuttle concepts study. Part 3: Program cost and schedule estimates plan	1971
19760079047	Results of a 0.1629-scale F-15 inlet model test at supersonic Mach numbers, phase 3 (U)	1971
19760079048	Results of a 0.1629-scale F-15 inlet model test at transonic and supersonic mach numbers, phase 2 (U)	1971
19760079056	Longitudinal static stability and inlet drag characteristics of the McDonnell Douglas F-15 tactical fighter aircraft at Mach numbers of 1.60 and 2.20 (U)	1971
19760079280	Strip film recording of extremely fast digital data	1971
19760079325	Pulsed radar transmitter model validation, ECAC external support requirement 50 Y1	1971
19760079460	Compressor stability assessment program, volume 1	1971
19760079461	Compressor stability assessment program, volume 2	1971
19760079511	Blockage study of a 1/16-scale F-15 in the 1-foot transonic and supersonic tunnels of the propulsion wind tunnel facility	1971
19760079583	The DV-13/38 inspecting the technical and maintenance condition of tank technology	1971
19760079707	Studies on the behavior of the pulse rate following defined industrial noise	1971
19760079723	Partial spectrum signature of the AN/UPX-1 radar recognition set	1971
19760079951	Air quality as affected by air transportation including the supersonic transport, revision D	1971
19760079975	Abstracts of AF Materials Laboratory reports, January - December 1970	1971
19760079981	New tensile and compressive test specimens for unidirectional reinforced graphite epoxy composites	1971
19760079990	Evaluation of a reliability analysis approach to fatigue life variability of aircraft structures using C-130 in-service operational data	1971
19760080248	Symposium on Chemical Problems Connected with the Stability of Explosives (2nd)	1971
19760080287	Partial spectrum signature on the AN/UPX-12 transponder set	1971
19760080438	Cost analysis of the alternative approaches to a novel ABM system (U)	1971
19760080653	Ablation effects on the aerodynamics of a flight tested lifting reentry vehicle (U)	1971
19760080657	Synthesis of thermally stable explosives (U)	1971
19760080677	Development and technology technical programs review fiscal year 1970 (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080998	ARPA-AEC seismic/evasion research program: Progress on small-scale HE experiments and computer code verification, July - December 1970	1971
19760081431	Cost estimating relationship for research and development through model qualification test for US Army turbine engines	1971
19760081473	Design verification char motor firings (PDM 579-020)	1971
19760081475	Analysis of anomalous sustain pulse performance on FTM motor 41 A22-049	1971
19760081729	Calibration of a large aperture radiometer system	1971
19760082766	Near-field antenna coupling program	1971
19760082768	Cost estimating relationships for maintenance man-hour requirements per flying hour of US Army turbine engine powered helicopters	1971
19760082850	Performance evaluation of a first-generation elastic loop mobility system	1971
19760082961	Lamp vibration test on light sources, electrical, incandescent, instrument lighting and pilot, indicating	1971
19760083126	Water-entry technology, a review	1971
19760083129	Notch tensile and stress rupture properties for FFTF structures	1971
19760083618	Bomb tests of igniter materials	1971
19760083619	Fracture sensitivity tests	1971
19760084119	Supersonic rain erosion resistant coating materials, part 3	1971
19760084196	Initiator test firings failure load determination	1971
19760084197	Test results-flame propagation along initiator leads of the redesigned SRAM sustain ignitor	1971
19760084699	Post flight crew health stabilization program analysis	1971
19760084700	Post Apollo 15 flight crew health stabilization program analysis and evaluation	1971
19760084882	Study of production methods for high temperature solid propellant motor nozzles, phase 2	1971
19760085262	MIRPUS-2 and MISTAP computer programs for analysis of exo-atmospheric radar cross section data	1971
19760085295	Hot-aging programs summary	1971
19760085296	Evacuation of propellant from motor 41A22-046	1971
19760086179	Propagation measurements program (Polar fox ii): Index and bibliography	1971
19760086188	EC-135 pretest analysis. Volume 2: Systems description	1971
19760086373	Ring laser techniques investigation, volume 2 (U)	1971
19760086385	High performance low burning rate propellants (U)	1971
19760086470	Production motor shock test	1971
19760086471	Production motor temperature cycling test	1971
19760086472	Production motor altitude cycling test	1971
19760086473	Production motor vibration test	1971
19760086576	Fluidic failure-detection system for fluidic steering/diving control system	1971
19760086779	Gougler molds	1971
19760087166	Ignition lead damage	1971
19760087208	Research concerning inhibition of burn corrosion (sixth report)	1971
19760087217	Feasibility study into the use of TransZorb (trade name) for EMP suppression	1971
19770068879	Research study on composite castings	1971
19770068978	Nuclear shuttle system definition study. Phase 3, volume 2: Concept and feasibility analysis. Part B: Class 3 RNS. Book 2: System definition	1971
19770068979	Nuclear shuttle system definition study. Phase 3, volume 3: Program support requirements. Part A: Class 1 Hybrid RNS	1971
19770068980	Nuclear shuttle system definition study. Phase 3, volume 2: Concept and feasibility analysis. Part A: Class 1 Hybrid RNS. Book 1: System analysis and operations	1971
19770069374	Reliability allocations, assessments, and analysis report. Volume 1: Reliability model, predictions, and allocations. Volume 2: System failure-mode effects and criticality analysis. Volume 3: Trend data	1971
19770069614	Ferrite spinels as catalysts in the oxidative dehydrogenation of butenes	1971
19770069934	The effects of fixed-ratio size in multiple and mixed fixed-ratio schedules	1971
19770070027	NERVA irradiation program. GTR 22, volume 1: Combined effects of reactor radiation and cryogenic temperature on NERVA structural materials	1971
19770070061	Chemical rocket/propellant hazards. Volume 1: General safety engineering design criteria	1971
19770070117	Nuclear shuttle system definition study. Phase 3, volume 2: Concept and feasibility analysis. Part A: Class 1 Hybrid RNS. Book 2: System definition	1971
19770070118	Nuclear shuttle system definition study. Phase 3, volume 2: Concept and feasibility analysis. Part B: Class 3 RNS. Book 1: System analysis and operation	1971
19770071081	Viking '75 project: Pre-test report for flexible decelerator wind tunnel tests at AEDC PWT 16S	1971
19770071082	Viking '75 project: Pre-test report for flexible decelerator wind tunnel tests at AEDC PWT 16T phase 2	1971
19770071083	Viking '75 project: Scale model test results of the Viking parachute system at Mach numbers from 0.1 through 2.6	1971
19770071084	Viking '75 project: Pre-test report for flexible decelerator wind tunnel tests at AEDC PWT	1971
19770071899	Remote-sensing data-analysis projects associated with the NASA earth resources spectral information system	1971
19770072747	Surveyor 3 parts and materials/evaluation of lunar effects returned from the moon by Apollo 12	1971
19770072749	S-3A spin characteristics report	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770073544	Analysis of Skylab digital computer integrated circuit eutectic particle contamination failures	1971
19770075062	Preliminary earth orbital experiment program and requirements study. Volume 2: Manned spaceflight capability (appendices A, B, C)	1971
19770075063	Preliminary earth orbital experiment program and requirements study. Volume 3: Space biology (appendices A, B, C)	1971
19770075064	Preliminary earth orbital experiment program and requirements study. Volume 4: Space astronomy (appendices A, B, C, D) and space physics (appendices A, B, C)	1971
19770075065	Preliminary earth orbital experiment program and requirements study. Volume 5: Communication and navigation (appendices A, B, C)	1971
19770075083	Payload requirements for remotely controlled long-range lunar traverse vehicles	1971
19770075085	Space environment test division facility users guide	1971
19770075202	Petrography of rock specimens by remote TV: Its potential for use on remotely controlled lunar and planetary roving vehicles	1971
19770075442	Electrocardiogram electrode electrolyte solution development program	1971
19770075445	IMBLMS phase B-4, additional tasks 6.0: Motor ability testing	1971
19770075596	Semiannual progress report of research and development	1971
19770075652	Lunar surface resolution coverage of Lunar Orbiter photography	1971
19770075688	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS). Phase C: Preliminary planning study	1971
19770075689	Integrated Medical and Behavioral Laboratory Measurement System (IMBLMS). Data entry system (preliminary design)	1971
19770075726	PROJECT SERV space shuttle feasibility study	1971
19770075735	Apollo service propulsion system rocket engine optimized SPS injector development and verification program	1971
19770075855	Reliability evaluation of silicon surface-barrier detectors	1971
19770076062	IMBLMS phase B4 additional task 8.0: IMBLMS incorporation of biosciences measurement capability	1971
19770076296	Flight measurements of boundary-layer transition on a 5 deg half-angle cone at a free-stream Mach number of 20 (reentry F)	1971
19770076335	IMBLMS phase B4. Additional tasks	1971
19770076337	IMBLMS phase B4, task 7.0: Phase C, preliminary planning study	1971
19770076851	IMBLMS phase B4, task 1: Urine sampling and collection system. (Section 1.0 thru section 6.0)	1971
19770076966	Management study of NASA acquisition process	1971
19770077067	B-70 aircraft study. Phase 1 Report	1971
19770077805	Evaluation of nonmetallic thermal protection materials for the manned space shuttle. Volume 4(phase 2, task 1): Results of evaluation to provide screening data on material candidates development	1971
19770078714	Evaluation of nonmetallic thermal projection materials for the manned space shuttle. Volume 3 (task 3): Results of evaluations to provide screening data	1971
19770079824	Fredrick - Gutsch radial velocity catalogue of galaxies	1971
19770081093	National plan for development of the microwave landing system	1971
19770081115	Modular space station computer study	1971
19770081761	S-IC program management experience. S-IC project task no. 12	1971
19770082544	Failure mode and effect analysis airlock. Volume 1	1971
19770082546	Failure mode and effect analysis airlock, Volume 2, Part 2 of 2	1971
19770082990	Centaur mission planning guide	1971
19770083068	Failure mode and effect analysis airlock, volume 3	1971
19770083456	Composite reinforced propellant tanks	1971
19770084285	Longitudinal control and airspeed control system study report	1971
19770084469	Advanced inner gimbal assembly design report	1971
19770085092	Research in the space sciences, volume 2	1971
19770085099	Penetration resistance of lunar soils	1971
19770085424	Connector, receptacle, electrical miniature, quick disconnect source control drawing	1971
19770085425	Connector, plug, electrical miniature quick disconnect source control drawing	1971
19770085521	A supersonic collocation method for lifting surfaces with interference in steady and unsteady flow	1971
19770085581	Phase 3 - qualification test report for Apollo CSM high gain antenna subsystem. Appendix 1. Appendix E, Volume 4	1971
19770085607	Summary of profile data obtained within large-scale hypersonic inlet models	1971
19770085930	A survey of industrial waste disposal methods at the Naval Air Rework Facilities	1971
19770085998	Orientation studies of beryllium rotors	1971
19770086269	Pebble erosion measurements on ablative cork coatings on CD2-3A1 panels	1971
19770086270	Pebble damage assessment, phase 2	1971
19770086555	Project SEESAW progress report (U)	1971
19770087048	A-7 accelerated stall departure study	1971
19770087096	Stabilization of the self hose of a relativistic electron beam (U)	1971
19770087594	Evaluation of advanced gear materials for gearboxes and transmissions	1971
19770088039	Boron aluminum composite structure program (skin stringer)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089384	Proposed technical approach - advanced helicopter transmissions	1971
19770089477	Proposed technical approach self-contained secondary accessory power systems for self-sufficiency of carrier borne and Marine Corps tactical aircraft	1971
19770089972	Technical writing standards for contractor reports	1971
19770089974	Hospital applications of aerospace technology in patient monitoring, information systems and management techniques	1971
19770090037	Proposed Functional Characteristics for Space Shuttle System Facilities	1971
19770090299	Optics (optical cable systems). Volume 2: Systems techniques	1971
19770090718	Semiconductor device, transistor-NPN silicon medium power	1971
19770090923	Safety analysis of external cargo carriage system of the CH-53 helicopter	1971
19770091002	Development of a polybenzothiazole high temperature structural adhesive	1971
19770091162	F-14A/AIM-54A final predicted separation/launching characteristics report (U)	1971
19770091174	Demonstration data report for the F-14 aircraft (U)	1971
19770091268	Payload effects study	1971
19770091582	Thermal-null strain gage modification	1971
19770091584	Redesign and retrofit of film transport for HiRec electron beam recorder	1971
19770091675	An automated urinalysis instrument for space use	1971
19770091777	Helicopter/VSTOL compatibility program: DLG-26/SH-2D dynamic interface flight envelope	1971
19770092153	The resolution of pure water Fresnel holograms	1971
19770092154	The resolution of holographic imaging through inhomogeneous water	1971
19770092217	The application of Mie theory to underwater optical scattering	1971
19770092284	Sound radiation by beam stiffened plates	1971
19770092703	Survey of manufacturers of film circuitry	1971
19770093097	Development of an integrated cryogenic pumping system for rocket plume studies	1971
19770093130	Development of production manufacturing techniques for application of protective coatings to thoria dispersion strengthened alloys	1971
19770093442	Research progress at the aerospace environmental facility. A summary for 1969	1971
19770094126	Automatic engineering release documentation system	1971
19770094344	Status report and preliminary summary of results (revised)	1971
19770094369	Protective surface alloys for columbium alloys by metalliding	1971
19770094519	Internal electric field in cylindrical proportional counters	1971
19770094710	Conduct and operational assist evaluation of a MAD display interface (U)	1971
19770095178	Operational evaluation of an experimental night light system for aircraft carrier hangar bays	1971
19770095190	Development of a plume impingement analysis computer program employing source flow plume definition techniques with user's manual	1971
19770095299	Development of rubber insert sound isolation coupling (RISIC model 1) for submarine water systems	1971
19780070117	Summary of the Eighteenth Refractory Composites Working Group Meeting	1971
19780071284	Optimization of the control systems for the orbital Workshop	1971
19780073864	Application of neutron radiography technology for S-2 quality assurance. Volume 1: Development of methods for controlling quality of neutron radiographs	1971
19780073865	Application of neutron radiography technology for S-2 quality assurance. Volume 2: Neutron radiography applied to composites and material degradation problems	1971
19780073866	Application of neutron radiography technology for S-2 quality assurance. Volume 4. Improved neutron radiography techniques applied to ordnance devices	1971
19780075357	Improved graphite systems for advanced fuel element fabrication	1971
19780075650	Skylab program: Experiments, technical summary	1971
19780076837	Lunar sample information catalog, Apollo 15	1971
19780076904	The role of hydrogen in hot-salt stress corrosion cracking of titanium-aluminum alloys	1971
19780077724	Ground vibration tests AF/TIFS Convair 580 airplane	1971
19780078605	Satellite-tracking Research Programs	1971
19780078831	Aerobraking space tug briefing at Manned Space Flight Center	1971
19780078832	Aerobraking space tug briefing	1971
19780080653	Computing the autocorrelation and cross correlation of large sets of data on a core limited computer	1971
19780080970	High energy laser systems design handbook (U)	1971
19780081186	Analysis of BMD laser radar functions and components (U)	1971
19780081472	Three papers on compatibility of pyrotechnic materials with adhesives, plastics and various other products	1971
19780082018	Normal mode transmitting array in Block Island Sound	1971
19780083179	Evaluation of advanced data-processing systems	1971
19780083180	Evaluation of advanced data-processing systems	1971
19780083190	Evaluation of PDL-II	1971
19780083250	Comparison of the transmission through fog of the 3-5 and 8-12 micron spectral regions as a function of the visible transmission (U)	1971
19780084533	Fluidics for advanced high performance aircraft (HiPAF)	1971
19780085538	Viking 75 project flight operations plan. Volume 3A: Mission summary	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086207	Data report of the pressure survey over the .036 Scale model of the B-1 escape module and limited data for an alternate fin shape	1971
19780086208	Trisonic wind tunnel tests of the .036 scale B-1 force model 3 to investigate drag levels and stability and control characteristics (TWT 230), volume 1	1971
19780086211	Analysis of the 0.06 scale B-1 high lift force model in the NASA Ames Research Center twelve foot pressure tunnel (ARC-12-559)	1971
19780086212	Analysis of aerodynamic characteristics of the vertical and horizontal tails of aerodynamics force model 3 obtained during TWT 239	1971
19780086251	Analysis of the low speed aerodynamic characteristics of a B-1 configuration high lift basic development model, NAAL 631	1971
19780086257	Airframe/engine integration plan B-1 air vehicle/F101-GE-100 engine turbofan, augmented	1971
19780087095	Wind-tunnel investigation of a quarter-scale two-bladed high-performance rotor in a freon atmosphere	1971
19780087144	B-1 wing tip clearance study	1971
19780087145	B-1 main landing gear inflight braking analysis	1971
19780087146	B-1 55b nose landing gear steering torque analysis	1971
19780087384	Computer programs for microwave radiometry	1971
19780087688	Analysis of the subsonic aerodynamic characteristics of the 0.036-scale force model 2 B1 configuration with and without the high-lift system, NAAL-639	1971
19780087697	B-1 airplane aft fuselage closure drag determined by AEDC test data (SF138 and TF 261)	1971
19780087715	Space shuttle system, phase B study. Part 11-2 (A): Orbiter	1971
19780087728	Flammability and heat transfer characteristics of PBI fabric	1971
19780087877	Full time electrical nose wheel steering control study	1971
19780088013	Evaluation of a harmonic drive speed reducer for deep submergence vehicle propulsion	1971
19780088120	Trade study, B-1 MLG wheel brake heat sink material beryllium versus carbon	1971
19780088140	B-1 double voltage/standard voltage distribution system weight study	1971
19780088177	Inlet/engine dynamic simulation adaptation of G. E. 'F' deck to inlet simulation	1971
19780088437	The passage of plasma through a magnetic nozzle	1971
19780088507	Drag status of the B-1 air vehicle based on the TWT-243 test of force model 3A	1971
19780088508	B-1 air vehicle nozzle/afterbody development model 3 Nacelle calibration test results (RNTF-7115)	1971
19780088509	B-1 air vehicle hot jet model tests briefing	1971
19780088514	A method of adjusting subsonic drag due to lift for configuration changes	1971
19780088556	Wing sweep trade study	1971
19780088557	Thermal shields provisions for B-1	1971
19780088564	Variable inlet cowl concept	1971
19780088605	B-1 inlet/engine integration study: Analog computer simulation equations	1971
19780088622	Test report of a rotary mechanical actuator (Curtiss-Wright - part number 175501)	1971
19780088689	Analysis and design of a digital autopilot	1971
19780088789	Report of B-1 EMP shielding effectiveness tests of magnetic braid and conduit	1971
19790072029	LRV navigation system error analysis for the Apollo 15 traverses	1971
19790072174	Skylab experiment overview	1971
19790072181	A planned dogleg maneuver for Apollo 14 T plus 24 launches	1971
19790072182	Abort capabilities from Apollo 14 TLI underburn trajectories	1971
19790072184	Opportunities for a short cross range orbiter to return to the prime landing site	1971
19790072186	SPS optimized missions to Copernicus and Descartes during the J2 /3,4,5/72/ and J3 /12/72, 1,2/73/ mission time frames	1971
19790072187	Earth orbit payload capabilities of the Saturn 1B and CSM for altitudes up to 1000 nm and inclinations up to 100 degrees	1971
19790072188	An investigation of the landing accuracy detailed objective	1971
19790072189	Effect of launch azimuth on SPS Delta V requirements and launch vehicle capability	1971
19790072190	The impact of deleting Texas from the MSFN on Skylab rendezvous	1971
19790072192	Preliminary traverse planning for Apollo 15 Hadley-Apennine Status report	1971
19790072194	A possible lunar logistics mode	1971
19790072195	Apollo 16 LM ascent stage impact within 10 km of the landing site	1971
19790072196	Reissue of memorandum - Apollo 15 landing mission possibilities following a TLI underburn	1971
19790072197	S-4B lunar impact targeting philosophy	1971
19790072198	Launch azimuth considerations and SPS performance for an Apollo 17 mission to Alphonsus	1971
19790072200	Skylab daylight momentum dump requirements	1971
19790072201	Minimum feasible sun elevation for Apollo 16 T plus 24 hour launch opportunities	1971
19790072202	Space shuttle sortie mode presentation	1971
19790072203	Evaluation of flight planning with the Automated Task Scheduler /ATS/, case 610	1971
19790072204	Apollo 15 systems debriefing	1971
19790072205	Feasible sun elevation ranges for the Apollo 16 Descartes mission	1971
19790072206	Feasibility of candidate Apollo 16 lunar surface timelines	1971
19790072208	SPS Del V reserves for an apollo 17 mission to Littrow	1971
19790072209	Manned missions systems engineering	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072216	S-IC engine out software change	1971
19790072332	Mariner Mars '71 Mission B - A proposed change in orbital period	1971
19790072334	The automated task scheduler/version 2	1971
19790072335	Controlled oceanic impact for Skylab S-4B stages	1971
19790072336	An approximate analytic solution to the restricted three-body problem	1971
19790072410	Apollo 15 translunar and lunar orbit aborts for the nominal launch, 26 July 1971	1971
19790072412	Skylab Saturn workshop diffusely reflected solar light at the CSM during rendezvous	1971
19790072413	Possible effects of mascon disturbances on Apollo 15 orbit determination and navigation	1971
19790072414	Survey of potential S-4B lunar impact trajectories for Apollo 16 and 17	1971
19790072422	Apollo 15 LM descent	1971
19790072423	Shaping the LOI orbit to satisfy DOI bailout requirements for far easterly sites	1971
19790072431	Multi-Pass aerobraking project summary	1971
19790072467	A targeting scheme for fuel optimal rocket trajectories, with applications to the LM descent braking phase	1971
19790072468	Delta V performance of the Apollo LM ascent trajectory	1971
19790072469	The effect of recent rendezvous profile, SL-1 insertion conditions, and MSFN changes on tracking for rendezvous	1971
19790072470	The predictability of a collision between the Skylab and a piece of orbital debris	1971
19790072471	Visibility of orbital assembly from CSM during rendezvous	1971
19790072472	Propulsive landing of ballistic vehicles	1971
19790072473	Apollo 15 preliminary orbital science results	1971
19790072474	Ground track predictability for Skylab	1971
19790072475	Apollo 16 groundtrack separation, addendum to TM-71-2015-6)	1971
19790072521	The dynamics and performance of a four wheel vehicle	1971
19790072523	A description of the rover navigation system simulation program	1971
19790072524	A summary of the LVR navigation system	1971
19790072525	A digital program for stability and performance characteristics of a four-wheel vehicle	1971
19790072526	LRV tilt during negotiation of steep slopes	1971
19790072527	Utilization of LRV power for the LCRU	1971
19790072528	SPS delta V reserves for an Apollo 17 mission to West Crisium or Gassendi	1971
19790072529	LM ascent water margins and the possibility of off-loading	1971
19790072561	Use of the planet Mars as a photometric calibration source for the Mariner 1971 TV camera	1971
19790072562	LRV navigation support at Bellcomm during the Apollo 15 mission	1971
19790072640	Skylab leakage propulsion models	1971
19790072641	P and F subsatellite - Fail safe S-band transmitter control	1971
19790072643	Skylab typical momentum desaturation maneuvers	1971
19790072644	Apollo 15 launch vehicle engine-out performance capability	1971
19790072645	Presentation of earth pointing options for Skylab B	1971
19790072701	Sonic boom considerations in selection of a site for space shuttle operations	1971
19790072702	OSS study - Space shuttle recovery in southwestern US	1971
19790072703	Population distribution and terrain masking considerations in selection of space shuttle launch and recovery sites	1971
19790072704	Contingency EVA on Skylab	1971
19790072705	Space transportation systems analysis	1971
19790072706	Space shuttle and space tug peak temperatures	1971
19790072707	Drag coefficient variation during space tug aerobraking	1971
19790072708	Drop tank orbiter - Possible impact on space shuttle APU technology	1971
19790072709	Impact of space tug size and shuttle payload and payload bay size on earth orbit tug-shuttle missions, 1978 - 1990	1971
19790072717	Pre-phase A tug studies	1971
19790072718	Flutter of a heat shield panel	1971
19790072719	Use of on orbit propellant in shuttle orbiter for tug payload increase	1971
19790072773	MSFN coverage from EOI to TLI for J-missions, 72 deg to 100 deg	1971
19790072774	Pre-landing adjustments to landing site position - NOUN 69 in Apollo 15	1971
19790072903	Effects of LM descent propellant gaging inaccuracy on propellant budgeting	1971
19790072904	Effect of failure to deploy of a workshop solar array on CMG control capability	1971
19790072905	Spinning flexible spacecraft wobble motion and its dependence on flexibility	1971
19790072906	Projected delivery weight of SL-1 payload	1971
19790072907	Pressure rise rates of the LM-10 supercritical helium /SHe/ tank	1971
19790072908	Review of results of cryogenic O2 tank redesign program	1971
19790072909	Revised Skylab airlock module coolant loop Calculation of coolant flow division, case 620	1971
19790072910	Thermal considerations relating to planned Skylab momentum desaturation maneuvers	1971
19790072911	A hydroelastic model for a cylindrical tank with an inverted bulkhead	1971
19790072912	Effect of operating M509 and T020 on the cluster atmosphere	1971
19790072913	A hydroelastic model for a general elliptical tank	1971
19790072916	Review of Apollo 15 weight growth history for estimating expected growth on Apollo 16	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790072917	CMG control of Skylab night-time Z-local-vertical passes	1971
19790072920	WAP: A general purpose weight and performance analysis program	1971
19790072984	Beryllium technology	1971
19790072987	The quaternion representation of rotations and its application in the Skylab orbital assembly	1971
19790072988	Structural wobble damping of a spinning Skylab	1971
19790072989	Beryllium - A structural material for the space shuttle	1971
19790072990	Design of control laws for control moment gyroscopes with application to Skylab	1971
19790072992	Comparison of impulse requirements for Skylab attitude control with exact and approximate quasi-inertial steering	1971
19790073009	S-192 multispectral scanner performance projections	1971
19790073010	In-flight calibration of Apollo telescope mount experiments operating in the Vacuum Ultraviolet /VUV/ wavelength range	1971
19790073011	S-192 data problem, a summary	1971
19790073046	Propulsion/power mid-term reviews, NAR Phase B space shuttle, 13-14 January 1971	1971
19790073048	Apollo 14 launch vehicle engine-out performance capability	1971
19790073051	AF/OOS propulsion reviews, Los Angeles, California, June 23-24, 1971	1971
19790073052	Rocketdyne and AiResearch space shuttle auxiliary power unit studies final reviews	1971
19790073053	AS-511 S-4B performance prediction compared to AS-510	1971
19790073054	AF/OOS 25,000lb thrust LO2/LH2 engine study reviews at Rocketdyne, Aerojet and Pratt and Whitney, 13, 14, and 16 September 1971	1971
19790073085	Technical status of PRO foam internal cryogenic insulation	1971
19790073105	Further comments - Hard ice formation on a heat sink booster	1971
19790073200	Voice communications monitoring at KSC during Apollo 14 launch	1971
19790073201	KSC voice communications monitoring during Apollo 14 CDDT	1971
19790073203	A 210 foot antenna coverage for Apollo 15	1971
19790073204	Moon-to-earth antenna look angles for continuous TV coverage during LRV traverses	1971
19790073205	Feasibility of high gain antenna pointing system	1971
19790073206	Trip report - Voice communications monitoring during Apollo 15 CDDT	1971
19790073207	Trip to KSC to monitor voice communications during the Apollo 15 flight readiness test	1971
19790073208	On the problem of continuous television during Rover traverses, case 320	1971
19790073209	Apollo 16 210-ft dish coverage, case 320	1971
19790073210	EVA VHF communications with LM on Apollo 15 traverses	1971
19790073211	Investigation of a high gain antenna pendulum	1971
19790073213	Apollo 16 210 dish coverage	1971
19790073270	Comparison of measured LM/EVA link transmission losses on Apollo 15 with predicted values	1971
19790073271	Use of LRJ TV for scientific observations	1971
19790073272	Application of statistical communication theory to the performance analysis of the S-192 multispectral scanner	1971
19790073291	Evaluation of the Skylab electrical power system for a particular mission day	1971
19790073292	Investigation of recent high voltage failure on Skylab S-193 experiment	1971
19790073304	A steady-state solution for radiation-dominated heat flow problems	1971
19790073341	Protection of film from radiation damage for the 18-month Skylab missions, case 610	1971
19790073342	Effect of radiation on the lunar surface ultraviolet camera film, case 340	1971
19790073368	Pre-landing operation of the Apollo 15 SIM photographic complement for an alternate T-24 launch	1971
19790073369	Effect of linear interpolation between pixels on the frequency response of Mariner 1971 pictures	1971
19790073370	Near terminator photography /within 1/2 deg/ obtained on Apollo 14	1971
19790073371	The effects of changes in Skylab film response	1971
19790073385	Contingency activation of the Apollo telescope mount	1971
19790073404	US antarctic research program, National Science Foundation	1971
19790073422	EREP microwave sensors for earth observation	1971
19790073431	EREP opportunities and high beta during Skylab missions, variations with launch date and time	1971
19790073432	EREP opportunities for Skylab missions Chances to photograph a single point on earth, SL-1 launch, 9 November, 0930 EST	1971
19790073433	SL-2, 3, and 4 global EREP viewing opportunities for 30 April 1973, 1230 (EST) launch of SL-1	1971
19790073434	Earth sensing from space: Present status and near future objectives	1971
19790073475	Transmission of infrared radiation between the surface of the earth and space	1971
19790073484	KSC thunderstorm probabilities by the month of the year	1971
19790073485	The 30 April 12 - 30 EST SL-1 launch - US EREP pass characteristics and preliminary estimate of cloud cover effects	1971
19790073514	Review of Skylab program blood handling procedures	1971
19790073515	Time limits on astronaut ultraviolet exposure	1971
19790073587	Acceptable crew work/rest cycles for the lunar touchdown day on Apollo missions	1971
19790073625	A biomedical program for extended space missions, volume 2	1971
19790073626	Scientist team performance during an auroral expedition in NASA's CV-990 airborne laboratory	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073654	Incorporation of figure intersection determination capability into the MSFC RAVFAC and VUFACT view factor computer programs	1971
19790073655	A dynamic programming computer program	1971
19790073665	The automated task scheduler systems manual	1971
19790073666	Computer programs for the study and evaluation of manned space flight radiation doses	1971
19790073667	ATSEPHM - A program to generate an ephemeris data tape for the automated task scheduler	1971
19790073668	A silhouette substitution technique for obtaining more accurate radiation view factors of solids and multiple surfaces from CONFAC 2	1971
19790073669	Subroutine EANCAL to facilitate use of the MSFC RAVFAC and VUFACT view factor computer programs	1971
19790073670	The ATS interactive schedule generator	1971
19790073687	Interpretation of visual observations at Apollo water dumps	1971
19790073697	Status of nuclear flight system definition studies	1971
19790073702	Short round trips to Mars with a gas core nuclear engine	1971
19790073707	Effect of leaked cabin atmospheric gases on ATM coronagraph viewing	1971
19790073712	Optical beacons for acquisition and tracking of S191 targets during night side passes	1971
19790073776	A photometric study of the eclipsing binary star system RU Ursa Minoris	1971
19790073777	Skylab eclipse encounter presentation	1971
19790073784	Kitt Peak National Observatory - Model for a space facility /ques/	1971
19790073785	The eclipsing binary computer program WINK	1971
19790073786	Use of the shuttle sortie mode for cosmic ray astronomy	1971
19790073787	Astronomy on the Shuttle Sortie	1971
19790073788	The possibility of the Skylab encountering an eclipse of the sun	1971
19790073795	Motion of moon fixed axes	1971
19790073844	A method of depicting lunar surface EVA's, illustrated for the Apollo 14 mission	1971
19790073845	Mission planning considerations for an Apollo 15 walking traverse	1971
19790073846	Need for calibration of the lunar model used in the Apollo 14 T plus 24 lighting review	1971
19790073848	LRV lunar traverse obstacle avoidance study	1971
19790073849	Power spectral density function for cratered and particled lunar surface elevations	1971
19790073850	Development of a lunar surface model for the Apollo 15 landing site	1971
19790073851	Estimating the distance to the rim of Saint George crater from station 2 for Apollo 15	1971
19790073853	Computer-generated view of the Descartes landing area from the LM just after hi-gate	1971
19790073855	Computer-generated aerial scene of the Descartes landing area viewed from the west	1971
19790073857	Computer-generated panoramas of the Descartes terrain from various traverse stops	1971
19790073858	Overhead time required at science stops on a lunar surface traverse	1971
19790073911	Meeting review - 1971 Lunar Science Conference	1971
19790073912	Analysis of Apollo 15 Hadley Apennine preliminary exploration traverses	1971
19790073914	A reconsideration of Copernicus as an Apollo candidate site	1971
19790073915	A philosophy for S-4B impact point targeting and specification	1971
19790073916	Detection of lunar subsurface structure by the orbital radar sounder	1971
19790073946	Real-time determination of PLSS O2 walkback constraints during lunar surface traverses	1971
19790075325	Flammability and toxicological characteristics of isocyanurate foams, intumescent coatings and fluorel	1971
19790077167	Apollo space suit interface specification	1971
19790077558	Optimal Control and Filter Synthesis by Eigenvector Decomposition	1971
19790077605	Applications of aerospace technology in industry. A technology transfer file: Fire safety	1971
19790080940	B-1 terrain-following and airborne instrument landing and approach system studies	1971
19790080962	Maximum speed profiles for the B-1 at various power settings for standard and hot day atmospheres (U)	1971
19790080967	Estimated weight and balance report for B-1 bomber aircraft (U)	1971
19790080973	Estimated performance characteristics of the B-1 air vehicle (U)	1971
19790080980	Structural design criteria for the B-1 strategic air vehicle (U)	1971
19790080982	B-1 air induction control system concept (U)	1971
19790080986	B-1 performance status at mock-up (U)	1971
19790080994	B-1 ride quality analyses (U)	1971
19790081001	Fire protection, B-1 evaluation of fuel fire suppression techniques against fragment and incendiary weapons (U)	1971
19790081002	Survivability/Vulnerability analysis summary. B-1 fuel tank deaeration revision (U)	1971
19790081028	B-1 air vehicle survivability/vulnerability blast loads (U)	1971
19790081427	Multilayer diffusion model calculations for SAMTEC operation 0956	1971
19790082818	Technical evaluation of advanced development model of airborne Omega navigation set AN/ARN-99(XN-1)	1971
19790083151	Experimental electron beam memory	1971
19790083685	Multi-service test and evaluation MAVERICK. Phase 1: Test-design experiment plan	1971
19790083798	Multi-service test and evaluation, Maverick, volume 1. Main paper	1971
19790084264	Titan 2 engine transfer function test results	1971
19790084859	Laminar flow airplane study	1971
19790087084	Passive instruments for remote sensing. Volume 2: Technical study results (U)	1971
19790087085	Passive instruments for remote sensing. Volume 1: Summary (U)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087573	Hydrocarbon-fueled scramjet. Volume 8: Piloting and flame propagation investigation	1971
19800009642	The potentialities of several data processing systems for compressing information	1971
19800070532	Thunderstorm forecasting at Cape Kennedy, Florida, utilizing multiple regression techniques	1971
19800072348	Experimental aerodynamic characteristics of the Viking entry vehicle over the Mach range 1.5 - 10.0	1971
19800073377	Origin and development of optical activity of bio-organic compounds on the primordial earth	1971
19800073464	A few examples of electron density profile for the bottomside and topside ionosphere	1971
19800073471	Distribution of ionospheric irregularities causing scintillations in satellite beacon transmissions	1971
19800073473	Theoretical study of the upper ionosphere based simultaneous data from the ISIS satellites and from the CNET incoherent backscatter sounder	1971
19800073490	Contact potential measurements on clean CdS surfaces	1971
19800073510	Booster airbreathing engine selection analysis	1971
19800073518	Sterically controlled syntheses of optically active organic compounds. 13: Catalytic hydrogenation of symmetric substrates in the presence of asymmetric molecules	1971
19800073519	Sterically controlled syntheses of optically active organic compounds. 14: Syntheses of dipeptides from n-Alpha-Ketoacyl)-Alpha-amino acid esters	1971
19800074215	Report of aerospace advisory panel to the administrator	1971
19800076195	Technical study for the use of Saturn INT-21 and other Saturn 5 derivatives to determine an optimum fourth stage (space tug). Vol. 2: Cost volume	1971
19800076204	Properties of graphite fiber composites at cryogenic temperatures-effects of elastomeric additions to resin systems	1971
19800077597	Hydrogen effects on electron suppression electrophilic vapors	1971
19800078026	Regression analysis of censored data: Linear estimation using ordered observations	1971
19800078075	Manual output capability test	1971
19800078110	An analysis of the drag of two annular aerofoils	1971
19800078133	Apollo operations handbook: Lunar module LM10 and subsequent. Volume 1: Subsystems data	1971
19800078134	Apollo operations handbook. Block 2 spacecraft. Volume 1: Spacecraft description	1971
19800078515	Exposing electroexplosive devices to a high energy electron beam environment	1971
19800079560	Low speed wind tunnel tests of the B-1 0.06 scale high lift model to investigate general stability and control characteristics (NAAL 647), volume 1	1971
19800079561	Wind tunnel test of the B-1 0.06 scale high lift force model in the Ames 12-foot pressure tunnel to investigate Reynolds number effects, Ames test 12-559, model test 2	1971
19800079562	Analysis of low speed aerodynamic characteristics of the 0.06 scale high lift B-1 model in the NR low speed wind tunnel, NAAL-647	1971
19800079568	Additional tests of B-1 force model 3-A in the North American Rockwell trisonic wind tunnel to determine the effects of modifications to the D481-55 B configuration (TWT-248), volume 1	1971
19800079569	Tests of the .036 scale B-1 force model III-A in the North American Rockwell low speed wind tunnel to investigate low speed drag levels and stability and control characteristics - NAAL-650	1971
19800079570	Tests of the 0.036 scale B-1 force model III-A in the North American Rockwell low speed wind tunnel to evaluate horizontal tail characteristics, NAAL-655	1971
19800079574	Data report of the static aerodynamic wind tunnel test results on an .036 scale B-1 escape module configuration at Mach numbers 0.30, 0.95, 1.20, and 2.20, with and without parent body and rocket power - TWT-227	1971
19800079575	Data report of an 0.036 scale B-1 escape module force test including the effects of a revised 40 deg swept fin, fin strakes, flow deflectors and nose modification	1971
19800079576	Low speed wind tunnel tests of the 0.036-scale, B-1 escape system, force model I, to investigate characteristics of the model with various nose shapes, fins, and spoiler configurations (NAAL-654)	1971
19800079577	High speed wind tunnel tests of an 0.036 scale model of the B-1 escape module to investigate general stability and control characteristics (TWT-227), volume 1	1971
19800079578	High speed wind tunnel tests of an 0.036 scale model of the B-1 escape module to investigate general stability and control characteristics (TWT 227), volume 2	1971
19800079668	Tests of the 0.036 scale B-1 pressure loads model in the North American trisonic wind tunnel to investigate pressure distribution, horizontal tail bending moments and external store effects (TWT 246), volume 1	1971
19800079669	Tests of the .036-scale B-1 pressure loads model in the North American Rockwell low speed wind tunnel to investigate pressure and load distributions (NAAL 642), volume 1	1971
19800079677	Low speed wind tunnel tests of the 0.10-scale SMC-vane model of the B-1 air vehicle to determine stability and control characteristics of various SMC-vane configurations - NAAL-659	1971
19800079931	Low speed wind tunnel tests of the B-1 air vehicle 0.36-scale pressure loads model to investigate pressure distributions, component force data, and interference and external store effects at 0.23 mach number (NAAL-66)	1971
19800079934	Summary of high lift characteristics of the .036 scale B-1 force model 2 (TWT 231)	1971
19800080093	Low speed wind tunnel tests of the B-1 air vehicle 0.06 scale high lift model 1 (test 3) to obtain wing pressure data and three-component force data from slats and flaps (NAAL 658), volume 1	1971
19800080098	Low speed wind tunnel tests of the 0.036 scale B-1 force model 2 to obtain high angle of attack characteristics at several angles of attack characteristics at several angles of yaw and to evaluate the segmented spoiler configurations (NAAL-639)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080100	Low speed wind tunnel test of the B-1 air vehicle 0.036-scale aero force model 2 to investigate aerodynamic characteristics for various high lift configurations (NAAL-644)	1971
19800080101	Low speed wind tunnel tests of an 0.036-scale model of the B-1 air vehicle, aero force model 3 (NAAL-636)	1971
19800080102	Low speed wind tunnel test of the 0.036 scale B-1 aero force model 2, volume 1. (NAAL-637)	1971
19800080104	Low speed wind tunnel tests of the B-1 air vehicle 0.036-scale pressure loads model to investigate pressure distributions and horizontal tail bending moments (NAAL-653)	1971
19800080106	Trisonic wind tunnel test of the B-1 hot jet model to investigate the compatibility between airframe and jet engine exhaust (TWT-241), test 2	1971
19800080109	Low speed wind tunnel tests of the B-1 air vehicle 0.036- scale escape system force model I with drogue chute and simulated rocket plume (NAAL-645), volume 1	1971
19800080110	Low speed wind tunnel tests of the B-1 air vehicle 0.036-scale escape system force model 1 with drogue chute, (NAAL-638)	1971
19800080387	Trisonic wind-tunnel tests of the B-1 hot jet model to investigate the compatibility between airframe and jet engine exhaust at three degrees yaw TWT-244 test 3	1971
19800080388	Investigation of the Reynolds number effects on aerodynamic characteristics, at low speeds, for the clean wing and the type I high lift system of the 0.04-scale basic development force model II TWT-226	1971
19800080843	Analysis of the low speed aerodynamic characteristics of the .036 scale B-1 force model 2 in the North American Rockwell low speed wind tunnel, NAAL 637	1971
19800080844	Data report on a low speed test on an 0.036 scale B-1 escape module to investigate the characteristics of a drogue parachute and several alternate fin shapes (NAAL 645)	1971
19800080881	Wing pivot trade study for B-1 air vehicle	1971
19800080953	A test of a full-scale improved Hawk missile in a thermal structures wind tunnel	1971
19800081227	Trisonic wind tunnel tests of an 0.036 scale model of the B-1 air vehicle afterbody development model 3 to determine the effects of engine power and nozzle parameters on stability and control (test 1), (TWT 235), volume 1	1971
19800081232	Analysis of the aerodynamic characteristics of the B-1 aerodynamic force model 3 obtained during TWT 234 and TWT 237	1971
19800081235	Trisonic wind tunnel tests of the B-1 air vehicle 0.036-scale aero force model 3 to define stability control and drag characteristics, TWT-234, volume 1	1971
19800081236	Trisonic wind tunnel tests of the B-1 air vehicle 0.036-scale aero force model 3 to investigate Nacelle inlet and duct modifications and various empennage configurations in the supersonic region TWT-237	1971
19800081237	Trisonic wind tunnel test of the 0.036 scale B-1 pressure loads model (TWT 236)	1971
19800082086	Skylab system safety checklist. Experiment systems design	1971
19810065609	Technical study for the use of the Saturn 5, INT-21 and other Saturn 5 derivatives to determine an optimum fourth stage (space tug). Volume 1: Technical volume, book 1	1971
19810065610	Technical study for the use of the Saturn 5, INT-21 and other Saturn 5 derivatives to determine an optimum fourth stage (space tug). Volume 1: Technical volume, book 2	1971
19810065611	Technical study for the use of the Saturn 5, INT-21 and other Saturn 5 derivatives to determine an optimum fourth stage (space tug). Volume 1: Technical volume, book 3	1971
19810065612	Technical study for the use of the Saturn 5, INT-21 and other Saturn 5 derivatives to determine an optimum fourth stage (space tug). Volume 1: Technical volume, book 4	1971
19810066214	Rocket measurements of electron collision frequency	1971
19810072770	Applications of aerospace technology in industry. A technology transfer profile: Cryogenics	1971
19810073045	Technology assessment and environmental engineering	1971
19810075429	One hundred uses of glue	1971
19810076934	An investigation of the ratio between stand-by and operating part failure rates	1971
19810077033	B-1 windshield materials study	1971
19810077175	Nomogram for determining the radii of radar station danger zones	1971
19810078772	Space Systems for the 1980's. Volume 3: Civil User applications	1971
19810078773	Space Systems for the 1980's. Volume 4: Civil System opportunities	1971
19810078774	Space Systems for the 1980's. Volume 5: Scientific system opportunities	1971
19810078775	Space Systems for the 1980's. Volume 6: Nuclear waste disposal	1971
19810079182	USS LOCKWOOD (DE-1064): Report of application of experimental epoxy/neoprene antifouling paint system to the AN/SOS-26 HY-80 steel sonar dome at Puget Sound Shipyard, 6-31 December 1970	1971
19810080242	US Navy Satellite Geophysics Program January-March 1971	1971
19810080359	The measurement of stress in metals using ultrasonic Rayleigh waves	1971
19820066903	Study and development of the application of hydraulic turbines to wind tunnel drives, volume 1	1971
19820066904	Application of hydraulic turbines to wind tunnel drives. Volume 2: Appendicies	1971
19820071203	Organization of a high-speed stored-program special purpose computer for the realization	1971
19820071204	Computer aided design of digital filters	1971
19820073379	Problems of creating powerful magnetic fields	1971
19820074373	Restoration of the form of pulse signals in dealy lines	1971
19820076894	Determination of stress intensity at the crack tip in plates with bonded reinforcements (crack stoppers)	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830002871	Stability and control characteristics at Mach numbers 1.60 to 2.86 of a variable-sweep fighter configuration with supercritical airfoil sections	1971
19830070006	Heat flow and convection demonstration	1971
19830071117	Studies of control and guidance for rotary-wing VTOL vehicles	1971
19830073725	Stress intensity factors for surface flawed fracture specimens	1971
19830073726	Variations of strain energy release rate with plate thickness	1971
19830073727	Experimental investigation of fracture in advanced fiber composite	1971
19830082007	Indirect determination of fluorine complex-forming metals by fluorine ion-activity electrodes	1971
19830085257	Pioneer F nuclear safety evaluation report	1971
19840067393	New radiometric techniques and solar constant measurements	1971
19840072448	Hydrogen-oxygen high Pc APS engines	1971
19840072449	High pressure reverse flow APS engine	1971
19840072450	Space Shuttle Auxiliary Propulsion System: APS ignition system	1971
19840072452	Rotating and positive displacement pumps for low thrust rocket engines	1971
19840072453	Rotating and positive displacement pumps for low thrust rocket engines	1971
19840072455	Investigation of GH2-GO2 Combustion	1971
19840072459	High pressure reverse flow APS engine	1971
19840072460	Hydrogen-oxygen Pc APS engines	1971
19840072461	Hydrogen-oxygen high Pc APS engines	1971
19840072462	Hydrogen-oxygen high Pc APS engines	1971
19840072463	High pressure reverse flow APS engine	1971
19840072464	Rotating and positive displacement pumps for low thrust rocket engines	1971
19840072465	Hydrogen-oxygen APS engines	1971
19840072466	Hydrogen-oxygen APS engines	1971
19840072468	Space Shuttle auxiliary propulsion igniter system	1971
19840072471	Space Shuttle auxiliary propulsion (APS) ignition system	1971
19840072472	High pressure reverse flow APS engine	1971
19840072473	Hydrogen-oxygen high Pc APS engines	1971
19840072474	Hydrogen-oxygen high Pc APS engines	1971
19840072475	High pressure reverse flow APS engine	1971
19840072498	Space Shuttle Auxiliary Propulsion System: APS ignition system	1971
19840072499	Hydrogen-oxygen APS engines	1971
19840072501	Investigation of GH2-GO2 combustion	1971
19840072507	Investigation of GH2-GO2 combustion	1971
19840072508	Investigation of GH2-GO2 combustion	1971
19840072597	High pressure reverse flow APS engine	1971
19840072599	Rotating and positive displacement pumps for low thrust rocket engines	1971
19840072608	Investigation of GH2-GO2 combustion	1971
19840080655	General dimensional features and service requirements of US Naval helicopters, revision C	1971
19860066856	Eastern Gulf of Mexico remote sensing study experiment no. 1, November 21, 1971. Part 1: Surface measurements	1971
19860067274	The use of an aerial photographic survey in post tornado relief activities (Mississippi tornado, February 21, 1971)	1971
19860067285	Land Remote Sensing Program. Soil moisture remote sensing study, July 20, 1971. Part 1: Surface measurements	1971
19860067321	Sea Remote Sensing Program. Mississippi Sound remote sensing study, January 26, 1972. Part 1: Surface measurements	1971
19860067328	Mississippi Sound study. Part 1: Surface measurements from experiment 2, November 10, 1971	1971
19860067487	Mississippi sound remote sensing study, July 22, 1971. Part 1: Surface measurements	1971
19860067497	An observation of southern corn leaf blight on corn containing Texas male sterile cytoplasm	1971
19860073988	Wind tunnel-flight test correlation program	1971
19880069367	Torque-tension relationships and static preload loss of high strength, heat resistant, and corrosion resistant aircraft alloy fasteners	1971
19880074086	Advanced composite serviceability program	1971
19890069196	Preliminary design of a space shuttle orbiter test bed: Design concept review	1971
19900066073	Technical Requirements in Regard to the Docking of Space Vehicles and Stations	1971
19900066173	Space shuttle thermal protection system development	1971
19900066175	Space Shuttle Phase B Extension Mid-Term Review. Volume 2: Mid-Term Presentation	1971
19900066176	Orbiter external hydrogen tank study, volume 1	1971
19900066579	Delta 85 Anomaly Review Committee	1971
19900066752	What manned space program after reaching the moon? Government attempts to decide: 1962-1968	1971
19900067165	Civil aviation: National needs and opportunities. A study for the President's Domestic Council	1971
19900068102	Sandwich Panel Design Program (SPADE)	1971
19910073245	Index to NASA news releases and speeches (1971 supplement)	1971
19920075309	Apollo/Saturn 5 postflight trajectory: AS-509	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19930072811	Index to NASA news releases and speeches (1970 supplement)	1971
19930073120	Pioneer H Jupiter swingby out-of-the-ecliptic: Mission study	1971
19930073734	Robot planning, execution, and monitoring in an uncertain environment	1971
19930074084	Research and Technology Advisory Committee on Materials and Structures: Report of meeting	1971
19930074163	Mercury orbiter mission study	1971
19930074294	Three-Dimensional turbulent boundary layers: An assessment of prediction methods	1971
19930074321	Ground Communications Facility: Block Demultiplexer and Block Demultiplexer Patch Panel	1971
19930074335	A Study of Correlation of Hard Solar X Ray and Radio Emission	1971
19930078707	Considerations toward the selection of a ground checkout and launch atmosphere for the Apollo command module	1971
19930078725	Computer program for estimating commercial aircraft return on investment	1971
19930078726	A survey study of teleoperators, robotics and remote systems technology	1971
19930078728	A model for estimating total program cost of aircraft, spacecraft, and reusable launch vehicles	1971
19930078732	Skylab Program. Technical Summary Handbook	1971
19930078737	Computer program for estimating total program cost of aircraft, spacecraft, and reusable launch vehicles	1971
19930078745	The First Plenary Conference on NASA-Ames University Agreements	1971
19930078747	Ames STOL Experiments Committee	1971
19930078787	The LF460/YJ-97-GE-100 preliminary performance and installation data	1971
19930078792	Investigations conducted by the OAO-B Launch Vehicle Review Board	1971
19930078794	Flight Research Center Working Paper: Preliminary evaluation of the effect of simulated turbulence on transport roll flying qualities	1971
19940004940	Inspection system provisions for aeronautical and space system materials, parts, components and services	1971
19940005542	Rb - Sr and U, Th - Pb measurements on Apollo 12 material	1971
19940005543	On the origin of lunar soil 12033	1971
19940005545	Abundances of ten major and minor and 28 selected trace elements 14 REE (Rare Earth), Y, Sc, Cd, In, Rb, Cs, Co, V, Hf and Th in Apollo 11 and 12 lunar rocks	1971
19960015663	Observations on Electrotransport in Thin Aluminum Films Using Resistance Measurements	1971
19960015664	NASA-GIT Predoctoral Design Training Program	1971
19970024898	Electronic Bicycle Ergometer: A Simple Calibration Procedure	1971
19990026926	A Fixed Base Vortex Generating Facility to Investigate the Decay Processes of Atmospheric Vortices	1971
20000027470	Space Shuttle Preliminary Data: Static Aerodynamic Characteristics of MDAC Straight-Wing and Delta-Wing Space Shuttle Orbiters at Mach No. 7.4	1971
20000027656	Space Shuttle Preliminary Data: Hypersonic Longitudinal and Lateral Stability and Control Characteristics of the NR High Cross Range Delta Wing Orbiter	1971
20000027657	Space Shuttle: Aerodynamic Characteristics of the General Dynamics/ Convair Space Shuttle Booster B-15B-1 in Landing, Cruise and Transition Configurations	1971
20000027659	Longitudinal, Lateral-Directional Stability, and Control Characteristics of the NR Delta Wing Orbiter over Mach Number Range of 0.6 to 1.2	1971
20000027660	Space Shuttle: Supersonic Stability and Control Characteristics of the NR Delta Wing Orbiter, 134D/ 161B	1971
20000027661	Space Shuttle: Modified Martin-Marietta Delta Wing Orbiter Aerodynamic Characteristics Without Wing Tip Fins and Effect of Elevon Hinge-Line Sweep on Roll-Yaw Coupling	1971
20000027664	Space Shuttle: Heat Transfer Verification on North American Rockwell Delta Wing Orbiter [SSV -161B)	1971
20000027666	Supersonic Aerodynamic Characteristics of the 0.01: Scale LMSC Delta Lifting Body Orbiter	1971
20000028310	Space Shuttle: Longitudinal and Directional Static Stability Characteristics of Martin Marietta Corporation Modified Orbiter (1/170 Scale)	1971
20000028311	Space Shuttle: Longitudinal Characteristics of the NASA-MSC Orbiter in Close Proximity to Booster	1971
20000028320	Hypersonic Aerodynamic Characteristics and Control Effectiveness of the MDC-MMC SSV Configuration: 14 Booster [Single Body, Canard] M = 7.4	1971
20000028322	Static Aerodynamic Stability and Control Characteristics of the GD/Convair Delta Wing Booster at Normal Mach Number = 10.0	1971
20000028324	Space Shuttle: Modified Martin Orbiter FR 5-2A- Investigation of Subsonic Stability, Control and Performance Characteristics	1971
20000029519	Space Shuttle Preliminary Data: Static Aerodynamic Characteristics of the Chrysler Corporation Space Division Serv Ascent and Reentry Vehicle at Mach Numbers of 2.6 to 4.6	1971
20000029528	Stability and Control Characteristics for NR Straight Wing Orbiter Hypersonic Velocity	1971
20000029531	Space Shuttle Preliminary Data: Static Aerodynamic Characteristics of the Chrysler Corporation Space Division SERV 1 Ascent and Reentry Vehicle at Mach Numbers of 0.4 to 2.0	1971
20000031283	Aerodynamic Characteristics of the MDAC Space Boosters and Orbiters in Launch Configurations (M = 0.6 to 2.0)	1971
20000031285	Low Speed Cruise, Takeoff and Landing Aerodynamic Characteristics, Including Engine Exhaust Effects of the GD/C B-15B Booster	1971
20000031286	Supersonic Aerodynamic Characteristics of the MDAC/MMC SBC Booster, Delta Wing Orbiter, and Ascent Configurations	1971
20000031287	Thermal Mapping Investigation of 0.325% scale MDC/MMC Phase B Booster Configuration with Ventral Tip Fins	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20000031288	Heat Transfer Test to Determine Interference Heating on the Grumman Delta-Wing Orbiter [ROS-NB2] and Tank Surfaces at Mach 10.0	1971
20000031289	Hypersonic Aerodynamic Characteristics with Control Effectiveness of a GAC H-33 Orbiter M=6.0	1971
20000031290	Heat Transfer Results on Space Shuttle Phase B Launch Configuration at Mach Numbers of 2.5 and 3.7	1971
20000031292	Aerodynamic Characteristics of the MDAC Space Boosters and Orbiters in Launch Configurations (M=0.6 to 2.0)	1971
20000031572	Space Shuttle Preliminary Data: Aerodynamic Characteristics and Control Effectiveness of the MDC-MMC SSV Configuration-14 Booster (Single Body, Canard) M = 0.6 to 2.0	1971
20000031578	Supersonic Aerodynamic Stability, Control, and Performance of a Modified NR-134D Orbiter Configuration	1971
20000032424	Space Shuttle: Investigation of Configuration Effects on Entry Heat Transfer Distributions and Definition of Interference Heating Areas on Space Shuttle Orbiter Configurations	1971
20000032706	Space Shuttle Preliminary Data: Static Aerodynamic Characteristics of the Chrysler Corporation Space Division Revised Baseline SERV Ascent and Reentry Vehicle at Mach Numbers of 0.4 to 4.64	1971
20000033331	Space Shuttle: Reynolds Number Effects on Longitudinal and Lateral Directional Stability and Control of the NR Delta Wing Orbiter, 134D/161B	1971
20000033333	Space Shuttle: Heat Transfer Test to Determine Thermal Protection System Design Requirements for Boosters B-9U; B-15B-2; and Booster/Orbiter B-9U/161C	1971
20000033334	Space Shuttle: Low Speed Longitudinal and Lateral Aerodynamic Characteristics of the GD/C B-8H-1 Booster	1971
20000033336	Space Shuttle: Supersonic Aerodynamic Characteristics of the MDAC/MMC SBC Booster, Delta Wing Orbiter, and Ascent Configuration	1971
20000033337	Space Shuttle: Supersonic Stability and Control Characteristics of a NR Delta Wing Orbiter	1971
20000033338	Space Shuttle: Reynolds Number Effects on the Low-Speed Aerodynamic Characteristics of the NR Straight-Wing Orbiter	1971
20000033339	Space Shuttle Transonic Longitudinal and Lateral Aerodynamic Characteristics of the NR Delta Wing Orbiter 134D	1971
20000033341	Space Shuttle: Hypersonic Aerodynamic Characteristics with Control Effectiveness of a GAC H-33 Orbiter M = 10.2	1971
20000033342	Space Shuttle: Subsonic Longitudinal and Lateral Aerodynamic Characteristics of the NR Delta Wing Orbiter 134D	1971
20000033343	Static Longitudinal and Lateral-Directional Aerodynamic Characteristics of the MDAC Delta Wing Orbiter with Flared Rudder and RL-10 Engine Fairing	1971
20000033559	Space Shuttle: Aerodynamic Stability and Control Characteristics of a 0.0036-Scale Boeing RS-1C/MSC-040A Orbiter at Mach Numbers 0.6 to 5.0	1971
20000033560	Space Shuttle Preliminary Data: Aerodynamic Characteristics of the McDonnell-Douglas Delta-Wing Orbiter Space Shuttle Vehicle	1971
20000033562	Space Shuttle Determination of Reentry Heat Transfer to Orbiter Surfaces and Interference Heating During Laminar Portion of Launch, Boost, and High-Altitude Abort Reentry for the GAC H-3T Delta-Wing Orbiter with External Tanks and Boeing 1202 Booster	1971
20000033564	Space Shuttle: Modified Martin Orbiter FR5-2A Investigation of Configuration Changes on the Subsonic Aerodynamic Characteristics	1971
20000033567	Space Shuttle: Supersonic Aerodynamic Characteristics of the MDAC/MMC SBC Booster, Delta Wing Orbiter, and Ascent Configurations	1971
20000033756	Space Shuttle: Hypersonic Performance and Stability of TBC Proposed Space Shuttle Pressure-Fed Booster at High Angles of Attack	1971
20000033757	Space Shuttle: Investigation of Lateral and Longitudinal Static Stability Characteristics of the MSC Orbiters S-1 and S-5 at Mach Numbers = 0.25	1971
20000033760	Space Shuttle: Stability and Control Characteristics of a GD/C B-9U Delta Wing Booster M=10.2	1971
20000033761	Space Shuttle Preliminary Data: Stability and Control Characteristics for NR Delta Wing Orbiter a Hypersonic Velocity	1971
20000033766	Space Shuttle Preliminary Data: Aerodynamic Characteristics of the NAR/GD Space Shuttle Launch Configuration Orbiter/Booster Interference Effects (M = 0.6 to 2.0)	1971
20000033947	Space Shuttle: Preliminary Data Aerodynamic Heating of a Space Shuttle Delta-Wing Orbiter	1971
20000033951	Space Shuttle: Definition of Regions of High Heat Transfer and Determination of Local Heat Transfer Coefficients on the Delta Wing Booster with Canard (B-15B)	1971
20000033952	Space Shuttle: Transonic Aerodynamic Characteristics of a GAC H-33 Orbiter M = 0.6 to 1.2	1971
20000033953	Space Shuttle Preliminary Data: Static Aerodynamic Characteristics of the LMSC Stage-and-One Half Space Shuttle Configuration (M = .60 to 2.0)	1971
20000033954	Space Shuttle: Determination of Trim Characteristics and Aileron Control at Supersonic Speeds for the MDAC 050-B Orbiter	1971
20000033955	Space Shuttle: Determination of Low Speed Longitudinal and Lateral-Directional Aerodynamic Characteristics of the 0.007-Scale MDAC Delta Wing Orbiter With and Without Engine Fairing	1971
20000033956	Space Shuttle: Static Stability, Control, and Performance of Lockheed Delta Body Orbiter at 0.205 Mach Number	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20000033960	Space Shuttle: Static Longitudinal and Lateral-Directional Characteristics of the NR-134D Delta Wing Orbiter (M=10.4)	1971
20000033962	Space Shuttle: Heat Transfer Tests of the LMSC Delta-Body Orbiter and Stage-And-One-Half Ascent Configuration	1971
20000033963	Space Shuttle: Aerodynamic Characteristics of a Low-Fineness-Ratio Booster and Ascent Configuration at Hypersonic Speed M=10.23	1971
20000033965	Space Shuttle: Stability Control and Performance Characteristics of the LMSC Delta Body Orbiter at Subsonic Speeds	1971
20000033971	Space Shuttle Preliminary Data: Determination of Stability and Control Characteristics of the NAR Straight Wing Orbiter (M = 0.4 to 1.2)	1971
20000033972	Space Shuttle: Static Longitudinal and Lateral-Directional Stability Characteristics for NR 134D and 134D/161B Delta Wing Orbiters (M=20.3)	1971
20000033973	Space Shuttle: Longitudinal Characteristics of the MDAC Clipped-Delta Booster (Phase A) in Close Proximity to Orbiter	1971
20000033974	Space Shuttle: Static Longitudinal, Lateral and Directional Characteristics of the MDAC Baseline Orbiter at Hypersonic Speeds	1971
20000033976	Space Shuttle: Hypersonic Aerodynamic Characteristics of the McDonnell Douglas 050B Delta Wing Orbiter (M=10.23)	1971
20000034138	Space Shuttle Preliminary Data: Static Stability and Control Investigation of the NAR-GD/C Straight Wing Booster (B-8H Modified) With the Straight Wing Orbiter (130G) or Delta Wing Orbiter (134B)	1971
20000034139	Space Shuttle: S-IC Booster/Grumman C4 Orbiter Determination of Downwash on 900 Sq Ft, 30 Deg Oriented S-IC Fins and Optimum Orbiter Body and Aerodynamic Surface Incidence Angles	1971
20000034140	Space Shuttle: Aerodynamic Characteristics of the GD/C B-9U Booster in Landing and Cruise Configurations	1971
20000034141	Space Shuttle: Low Speed Aerodynamic Characteristics of a GAC H-33 Orbiter	1971
20000036468	Space Shuttle: Hypersonic Stability and Control Investigation and Evaluation of Split Elevon Concept for YAW Control for the 0.00763 Scale N R Delta Wing Orbiter, HCR 134D/161B	1971
20000036469	Space Shuttle: Aerodynamic Characteristics of the NR Delta Wing Orbiter (M=20.3)	1971
20000036473	Space Shuttle: Longitudinal and Lateral-Directional Aerodynamic Characteristics of the LaRC Model, MDAC Delta Wing Orbiter	1971
20000037654	Space Shuttle: Stability and Control Investigation of NAR Straight Wing Orbiter (M = 1.5 and 2.0)	1971
20020028872	Service Test (Phase 2) of Sheridan Vehicle Turret Electrical Fault Tester	1971
20020028877	Antigen Communities of Whitmore's Bacillus and Glanders Bacillus Immuno-Fluorescence Analysis Test	1971
20050158686	DoD Mission Impact on Space Shuttle System	1971
20050158822	DOD Impact on Shuttle System Design Study	1971
20050158825	DoD Mission Impact on Space Shuttle System	1971
20050158826	DOD Impact on Shuttle System Design	1971
20050158828	Sonic Boom Analysis and Considerations	1971
20050229159	Launch of the Planetary Atmosphere Experiments Test (PAET)	1971
20050229160	Planetary Atmosphere Experiments Test (PAET) Post Launch Report 2	1971
20050229333	Improved TIROS Operational Satellite (ITOS-B) Mission Operation Report	1971
20050229373	INTELSAT IV F-3 Post Launch Report No. 1	1971
20050229374	INTELSAT IV F-3 Launch	1971
20050229894	INTELSAT IV F-2 Prelaunch Report	1971
20050232716	INTELSAT IV F-2 Post Launch Report No. 2	1971
20050232852	San Marco-C Explorer	1971
20050232888	Interplanetary Explorer Project; IMP-I (EYE) Mission Operation Report	1971
20050234604	Naval Research Laboratory Solar Radiation-C Explorer (SOLRAD-C)	1971
20050234605	Small Scientific Satellite: A Explorer (SSS-A)	1971
20050236385	United Kingdom Research Satellite (UK-4)	1971
20050236469	International Satellite for Ionospheric Studies (ISIS-B) Mission Operation Report	1971
20050236506	Mariner Mars '71 Project, Mariners H and I	1971
20050236521	Orbiting Solar Observatory 7 (OSO-7) Post Launch Report No. 1	1971
20050240831	German/NASA Barium Ion Cloud Project	1971
20050240836	Cooperative Applications Satellite/EOLE (CAS-A)	1971
20070031106	Guidance System Operations Plan for Manned LM Earth Orbital and Lunar Missions Using Program Luminary 1E	1971
20080002304	Bellcomm Quarterly Progress Report: April, May, June 1971	1971
20080002308	Bellcomm Quarterly Progress Report: October, November, December 1970	1971
20080005780	Beta History Tailoring	1971
20080014836	Pocket Statistics: History	1971
20080015661	Pocket Statistics: History	1971
20080019948	Epidemiology of a Pulmonary Form of Anthrax	1971
20080039046	Miniature Pulse Analyzer AN/ULA-5 (XE-1)	1971
20080041527	Design Data Book - Airlock	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20090004428	Project/Space Shuttle: Space Shuttle Guidance, Navigation and Control Design Equations	1971
20090006356	Pilot Test Plan - Pearl Harbor, Hawaii	1971
20090010415	Ionization Suppression in High-Temperature Low-Pressure Plasmas by Electrophilic Vapors and Sprays	1971
20090010569	Apollo Program: Quarterly Weight and Performance Report, December 1969 through March 1970	1971
20090011018	Joint Conference on Sensing of Environmental Pollutants. A Collection of Technical Papers - Land and Water	1971
20090011892	Apollo Flight Mission Assignments	1971
20090012279	Computer Program for Calculation of Complex Chemical Equilibrium Compositions, Rocket Performance, Incident and Reflected Shocks, and Chapman-Jouguet Detonations	1971
20090013208	Apollo 14 H3 Mission: CSM Rendezvous Procedures	1971
20090013209	An Analysis of Airfields to Support Shuttle Orbiter Landings	1971
20090017478	Electron Paramagnetic Resonance Effect in Viscoelastic Materials	1971
20090023881	HEAO Orbit Adjust Stage and Associated Hardware Definition. Revision 1 to LMSC-A989008	1971
20100017337	Ground Investigations of Flight Experiments on Primates in Long Duration Zero-G	1971
20110000677	DOD Impact on Shuttle System Design Study	1971
20110000860	DOD Impact of Shuttle System Design Study	1971
20110006317	Space Shuttle Program: Phase C/D Schedule Baseline	1971
20110020481	Apollo 14 Mission (AS-509)	1971
20110020484	Apollo 15 Mission (AS-510)	1971
20110020491	Apollo Supplement	1971
20110020571	Apollo 14 (AS-509) Post Launch Mission Operation Report No. I	1971
20110020572	Apollo 15 Mission (AS-510) Post Launch Mission Operation Report No. 1	1971
20110022347	NATOSAT-II Launch Report No. 2: Post Launch	1971
20110022348	NATOSAT-II Post Launch Report No. I	1971
20110023070	Millimeter Wave Experiment for ATS-F: Quarterly Report	1971
20110023174	The Application of System Theory Methods to Power Processing Problems	1971
20110942666	DOD Impact on Shuttle System Design Study	1971
20130009751	Apollo 15	1971
20130009851	Apollo 14 Entry Postflight Analysis	1971
20130009906	Saturn V Flight Manual SA 510	1971
20130014328	Langley Basic Research Review, 18-20 May 1971	1971
20150009546	A Description of the Model Assembly Sterilizer for Testing (MAST)	1971
20150009727	Planning, Evaluation and Analytical Studies to Implement Planetary Quarantine Requirements	1971
20150009731	The Kinetics of Thermal Death of Bacteria	1971
20150010019	Environmental Microbiology as Related to Planetary Quarantine	1971
20150010065	Planetary Quarantine Semi-Annual Review	1971
20150010083	Effect of Combined Heat and Radiation on Microbial Destruction	1971
20150010085	Dry Heat Destruction Rates of Microorganisms on Surfaces	1971
20150010268	Mariner Mars 1971 Pre-Launch Analysis of Probability of Planetary Contamination	1971
20150010272	Mariner Mars 1971 Planetary Quarantine Plan	1971
20150010281	Planning, Evaluation and Analytical Studies to Implement PQ Requirements	1971
20150010298	Effects of Simulated Space Vacuum on Bacterial Cells	1971
20150010311	Heat Sterilizable Separators	1971
20150010475	Extraterrestrial Life and its Detection Methods	1971
20150010573	Outlines for State-of-the-Art Documents to Be Prepared Under Task 12 of Contract NASw-2062	1971
20150010594	Extraterrestrial Life and its Detection Methods	1971
20150010604	Contamination of Jupiter by Accidental Spacecraft Impact	1971
20150010624	Planetary Quarantine Semi-Annual Review	1971
20150010648	The Search for Life on Mars - Where We Stand Today	1971
20150011238	Technology Assessment and Citizen Action	1971
20150011239	The Contextual Approach to Technology Assessment: Implications for "One-Factor Fix" Solutions to Complex Social Problems	1971
20150011913	Absorption Spectroscopy Flight Instrument Study and SO2 Investigations	1971
20150012715	Payload Experiment Package (PEP): Study Report	1971
20150012744	A Brief Survey of the Outer Planets Jupiter, Saturn, Uranus, Neptune, Pluto, and Their Satellites	1971
20150012745	Rocket-Borne Spectroscopic Measurements in the Ultraviolet Aurora: The Nitrogen Vegard-Kaplan Bands	1971
20150012763	Program on Application of Communications Satellites to Educational Development: An Overview of the Washington University Program	1971
20150012915	Multidisciplinary Studies in Management and Development Programs in the Public Sector	1971
20150013779	Pair Approximation on the Coherent Potential Theory of Disordered Solids	1971
20150014464	Application for Letters Patent - Ergometer	1971
20150015591	NASA Contractors Meeting on Aeronautical Fluid Mechanics	1971
20150018522	Evaluation of Arkon Carbon Monoxide Analyzer	1971
20150018540	A Fluorescent Source NDIR Carbon Monoxide Analyzer	1971
20150018544	The Kapton Electrical Cable Flammability Test Program	1971

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150018615	Stable Hydrocarbon Diffusion Flames in a Weightless Environment	1971
20150021317	Space Shuttle Main Engine, Phase B	1971
20150021344	An Early Detection and Warning System for Fires in Buildings	1971
20150021535	Standard for Fire Protection Design for Facilities	1971
20150021914	DoD Mission Impact on Space Shuttle System	1971
20150021915	DoD Mission Impact on Space Shuttle System Volume 2- DoD Mission Requirements and Analysis	1971
20150022262	DoD Mission Impact on Space Shuttle System Volume 4 - Tradeoff Analyses	1971
20150022263	DoD Mission Impact on Space Shuttle System	1971
20150022887	DOD Impact on Shuttle System Design Study	1971
20150022891	DOD Impact on Shuttle System Design Study	1971
20150022892	DOD Impact on Shuttle System Design Study	1971
20150022893	DOD Impact on Shuttle System Design Study; Volume III - Baseline and Modified Baseline Shuttle	1971
20150022894	DOD Impact on Shuttle System Design Study	1971
20160000924	Considerations in Testing Smoke Detectors	1971
20160001237	NASA Pocket Statistics	1971
20160001238	NASA Pocket Statistics	1971
20160001239	NASA Pocket Statistics	1971
20160001240	NASA Pocket Statistics	1971
20160001241	NASA Pocket Statistics	1971
20160001242	NASA Pocket Statistics	1971
20160001243	NASA Pocket Statistics	1971
20160001244	NASA Pocket Statistics	1971
20160001245	NASA Pocket Statistics	1971
20160001248	NASA Pocket Statistics	1971
20160012414	Mission Implementation Plan for the Apollo 15 Mission. Revision 2	1971
20160012415	Apollo 15 AS-510/CSM-112/LM-10 Final Flight Plan	1971
20160012417	Technical Working Paper Apollo 14 Preliminary Photograph Index 70mm, 16mm, and 5 inch	1971
20160012418	Apollo 14 Technical Crew Debriefing (U)	1971
20160012566	Space Shuttle Main Engine Phase B	1971
20160012632	Alternate Space Shuttle Contract Study External Hydrogen Tank Orbiter Heat Sink Booster: Overview and Study Status	1971
20160012633	Integrated Operations/Payloads/Fleet Analysis	1971
20160012635	NASA Research and Technology Advisory Committee on Space Vehicles: Report of Meeting	1971
20160012636	Evolutionary Concepts for a National Space Transportation System (Shuttle)	1971
20160013457	Mission Implementation Plan for the Apollo 16 Mission	1971
20160013463	Final Flight Mission Rules: Apollo 15 (AS-510/122/LM-10)	1971
20160013464	Apollo 15 Final Flight Mission Rules	1971
20160013465	Apollo 15 Lunar Module Onboard Voice Transcription Recorded on the Data Storage Equipment Assembly (DSEA)	1971
20160013466	Apollo 15 Command Module Onboard Voice Transcription: Recorded on the Data Storage Equipment (DSE)	1971
20160013468	Apollo 15 technical Crew Debriefing (U)	1971
20160013469	Mission Requirements SA-510/CSM-112/LM-10 J-1 Type Mission: Lunar Landing	1971
20160013507	Space Shuttle Phase B 270 Day Review: Special Interest Topics	1971
20160013515	Space Shuttle Payload and Traffic Model: Level 1	1971
20160013520	Space Shuttle Sonic Boom Characteristics Technology Program Status Report	1971
20160013778	Mission Director's Summary Report, Apollo 14	1971
20160014365	Apollo 14 Technical Air-to-Ground Voice Transcription	1971
20160014366	Apollo 14 Mission Commentary	1971
20160014367	Apollo 14 Mission Commentary	1971
20160014368	Apollo 14 Lunar Module (LM) Onboard Voice Transcription	1971
20160014369	Apollo 14 Onboard Voice Transcription: Recorded on the Command Module Onboard Recorder Data Storage Equipment (DSE)	1971
20160014419	Apollo 14 Press Kit	1971
20170000918	Mission Implementation Plan for the Apollo 16 Mission	1971
19710083254	Heating produced by a slanted compression shock wave as shown in a pressure velocity diagram	1972
19720006344	Influence of lift and cruise engine design on the transition characteristics and ground acoustic field of VTOL transport aircraft	1972
19720006655	Hydrodynamics of free-boundary flows	1972
19720006845	On the measurement of collecting efficiency of filters for submicron aerosol particles	1972
19720006902	Local steel analysis using the LMA-1 Microanalyzer	1972
19720006936	Fibrous composites	1972
19720007054	Visualization of phase objects by Hilbert transform	1972
19720007112	Experimental study of the hedenbergite plus wollastonite equals andradite plus quartz reaction	1972
19720007353	The VTOL jet for a future V/STOL transport system	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720007417	On the prophylactic action of salted drinks during work at high temperatures. Present state of the problem	1972
19720007491	Across the Atlantic: Cables versus satellites	1972
19720007613	Flow separation in conical diffusors	1972
19720007621	Testing at S1.MA for basic investigations on jet interactions. Distribution of pressures around the jet orifice	1972
19720007622	Testing at S1.MA for basic investigations on jet interactions: Distribution of pressures and velocities in the jet using the ideal standard nozzle (in unheated state)	1972
19720007623	Effect of wing tip shape on vortex sheet rolling up	1972
19720007624	Effect of circumferential nonuniformity of flow direction on resonance vibrations of compressor rotor blades	1972
19720007675	Alkaline rocks: Indicators of the earth's interior	1972
19720007676	Soil moisture measurement	1972
19720007870	Structural changes in chromium during creep	1972
19720007921	Various vertical sampling devices for aerosols	1972
19720008097	Determination of the optimum composition and program of trajectory measurements	1972
19720008128	Soviet "'Soyuz" spacecraft	1972
19720008133	Ways to spaceflight	1972
19720008356	Effect of composition of a gas mixture on growth of bacteria assimilating gaseous hydrocarbons	1972
19720008357	Comments on excess calcium in the body	1972
19720008358	Pathogenesis of weightlessness syndrome	1972
19720008599	Silicic acid content in oceanic hyperbasites and their serpentinization	1972
19720008602	Observations of ionized calcium emission at twilight	1972
19720008920	The importance of polarization for electron scattering in the intermediate energy region	1972
19720008984	Time-space resolved spectroscopic measurements on a fast z-pinch	1972
19720009083	The sun and the ionosphere: Short-wave solar radiation and its effect on the ionosphere	1972
19720009094	Study of the high temperature oxidation of the Sikhote-Alin iron meteorite	1972
19720009331	Resources of primary energy	1972
19720009378	Relationship between changes in potassium and plasma magnesium level during stress	1972
19720009379	The human body and vibrations	1972
19720009380	Blood serum lipids in young men in relation to stress and physical activity	1972
19720009381	Potassium and physical exercise	1972
19720009382	Perception of the respiratory medium and gas preference in man and animals	1972
19720009555	Retrospect and the goals of turbulence research	1972
19720009611	Ionospheric research, no. 18: Collection of articles	1972
19720009612	Experimental data on the distribution of basic parameters and rates of photochemical processes in the upper atmosphere	1972
19720009613	Ambipolar diffusion of electron-ion gas and stratification of the F region of the ionosphere	1972
19720009614	Aeronomic problems arising in the interpretation of electron density profiles in the F region	1972
19720009615	Pressure gauge measurements on rockets and satellites	1972
19720009616	Results of multiyear observations of the outer ionosphere utilizing signals from satellites	1972
19720009617	Probe methods for studying the ionosphere	1972
19720009618	Radiophysics research of the ionosphere based on the propagation of radio waves from rockets and satellites	1972
19720009619	Ionospheric measurements using the method of incoherent scattering of radio waves by the ionosphere	1972
19720009620	Temperature measurements of ground and water surfaces by aircraft	1972
19720009625	First ESRO contracts for a European earth resource remote detection program	1972
19720009628	Electric and thermal properties of rocks	1972
19720009853	Some characteristics of the cavitation erosion of metals in liquid oxygen	1972
19720009886	The multilayered black mirror	1972
19720009940	The use of the airglow layer effect for autonomous navigation and orientation of manned spacecraft	1972
19720010171	Solid state physics. Variations of the lattice parameter of the three varieties of solid wurtzite in their respective regions	1972
19720010200	Elementary particles and cosmic rays: Collection of articles, no. 2	1972
19720010201	Measurement of electron fluxes and gamma rays of energy greater than 100 MeV at various heights in the atmosphere	1972
19720010202	The existence and detection of fireballs	1972
19720010203	The investigation of cascade showers in a horizontal flux of cosmic rays	1972
19720010204	Prospects for the investigation of high energy cosmic muons	1972
19720010205	An experimental search for heavy particles at sea level	1972
19720010206	Resonances in kaon antikaon and kaon Lambda hyperon systems	1972
19720010207	The production of an octet of pseudoscalar mesons in the Coulomb field of a nucleus and the cross section of the photoproduction of mesons by mesons	1972
19720010208	Determination of the length of nn-scattering in experiments in capturing negative muons with deuterons	1972
19720010209	The absorption of positive and negative pions by complex nuclei	1972
19720010210	Measurement of electron and gamma-quanta energies in heavy liquid bubble chambers	1972
19720010211	Development of a method for studying electron tracks in bubble chambers with a heavy liquid and strong pulse magnetic fields	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720010212	The noble gas scintillation mechanism	1972
19720010224	Astrometry and astrophysics. No. 7: Study of errors and the analysis of astrometrical observational results	1972
19720010225	Orientation of the systems of fundamental catalogues from observations of major and minor planets	1972
19720010226	General analysis of the results of latitude observations with a Danjon astrolabe at Poltava during 1961.0 - 1964.4	1972
19720010227	Free diurnal nutation of the earth based on observations at Pulkovo from 1915 to 1928	1972
19720010228	On the problem of the smoothing of clock corrections	1972
19720010229	Determination of the constants of rotation of the moon taking into account the errors in the coordinates in the crater Mosting A	1972
19720010230	Determination of certain instrumental characteristics of the ZTL-180 zenith-telescope of the Poltava Observatory	1972
19720010231	Theory of the determination of tube flexure with the use of autocollimation	1972
19720010232	Photoexposure meter for photographic recording of circle readings	1972
19720010233	Investigations of the pivots of the meridian circle of the Odessa Astronomical Observatory	1972
19720010234	Chromatic curve of the objective of the AVR-2	1972
19720010235	Determination of the latitude of the Main Astronomical Observatory of the Ukrainian SSR Academy of Sciences (Goloseyevo)	1972
19720010236	Discussion of the results of latitude observations at Pulkovo with the ZTF-135 in the expanded program during 1955.0-1961.3	1972
19720010320	Investigations of the upper atmosphere and outer space conducted in 1970 in the USSR	1972
19720010350	Development of supersonic aircraft components of flight safety	1972
19720010410	Electrolytes in cells of skeletal muscles and myocardium in congestive heart failure	1972
19720010411	Stimulation of the adrenergic system by potassium ions in rats	1972
19720010415	The problem: Aphanoascus Zukal or Anixiopsis Hansen	1972
19720010420	Flight and Psychology	1972
19720010421	Further experimental work on the relation between potassium and physical exercise	1972
19720010422	The mechanism of regulation of alpha-acetohydroxyacid synthetase properties in Bacillus cereus T.	1972
19720010425	Chronic potassium deficiency and excitability of muscle cells. Measurements with individual human muscle cells in situ	1972
19720010426	Medical and biological problems in the conquest of space	1972
19720010434	Heavy work in mining fields in a hot, damp climate	1972
19720010457	Heavy work in mine stopes with hot, humid conditions. First report: Functional adaptation, thermoregulation, and water balance	1972
19720010460	Spectral analysis of an electroencephalogram during sleep and wakefulness	1972
19720010478	Semiquantitative chemical analyses by mass spectrography using photon bombardment ionization (ruby laser)	1972
19720010614	Meteorological rocket complex M-100 used for atmospheric sounding in the USSR	1972
19720010626	On the occurrence of longitudinal vortices in turbulent boundary layers at concave walls	1972
19720010634	Transonic flow past ducted bodies of revolution	1972
19720010637	The differential equation for the turbulence scale and calculation of the turbulent boundary layer on a flat plate	1972
19720010638	Calculation of the pressure distribution on slender aerodynamic bodies of an arbitrary horizontal and cross section design in subsonic and supersonic flow	1972
19720010675	Toward an understanding of the laws governing the development of the earth's crust and the geothermal fields of the lithosphere	1972
19720010679	The protective effect of long range lightning rods and the frequency of lightning strokes in several large cities	1972
19720010714	The question of phase delay in observations of ground tides	1972
19720010715	Indirect effects of marine tides on M2 wave frequency	1972
19720010716	Estimation of the effects of marine tides on ground tides at points remote from the oceans	1972
19720010831	Metallurgical study of brazed assemblies for the purpose of producing vacuum tightness at 500 C	1972
19720010849	Bulk vapor-formation processes during the action of a laser beam on metals	1972
19720010874	Application of laser techniques to studies of semiconductors	1972
19720010893	Analytical behavior of very small amounts of chromium, part 2	1972
19720010971	Micrometeorologic temperature measurements from aircraft	1972
19720010975	Ultramicroscopic investigation of atmospheric aerosol particles	1972
19720011025	Design and optimization of a fast heat pipe thermionic reactor, 2	1972
19720011026	Design and optimization of a fast heat pipe thermionic reactor, 1	1972
19720011028	Thermonuclear reactions through laser radiation of fusion materials	1972
19720011036	Light scattering in a spherical multilayered atmosphere	1972
19720011066	A study of the MHD installation U-O2 during prolonged operation	1972
19720011179	Contemporary ideas about the atmosphere of Venus	1972
19720011190	Lidaring the moon	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720011192	Results of visual observations of the night, twilight, and daytime horizons of the earth from the Soyuz 9 spacecraft	1972
19720011194	Soviet space probes study the moon	1972
19720011195	Differentiation of meteoric matter in the earth's atmosphere	1972
19720011196	Physical selenography	1972
19720011229	The "'Kosmos" are earth satellites, scientific satellites	1972
19720011312	Combustion in a high-pressure chamber	1972
19720011339	The trend of space progress	1972
19720011347	Transonic testing of the engine nacelle air intake and afterbody	1972
19720011373	Evaluation of takeoff and landing performance of commercial STOL airplanes	1972
19720011410	Electric power supplies required for ion propulsion: Principal characteristics	1972
19720011448	The nervous system and stress (The principle of dominance in pathology)	1972
19720011450	The properties of carboxypeptidase C from orange leaves	1972
19720011451	Changes in serum enzyme activity after a physical load	1972
19720011521	Life-support systems for interplanetary spacecraft and space stations operating for a long period of time	1972
19720011537	The determination of Be, B, C, N, O, and F by activation with p, d, He-3, and alpha particle	1972
19720011667	Investigation of heat transfer in a gradient flow region for plane turbulent jet impinging on a plate situated normal to the flow	1972
19720011675	The MBB-UFE subsonic panel method. Part 2: The lift-connected displacement problem in compressible flow	1972
19720011922	Use of molecular electron-vibrational phototransitions in lasers with thermal pumping	1972
19720011945	Analytical behavior of traces of chromium, part 1	1972
19720011983	Preparation of fluorine and its compounds. 12: A reaction of graphite and fluorine	1972
19720012082	Nondestructive determination of average burnup for irradiated fuel rods	1972
19720012085	Physical experiments with test bodies	1972
19720012086	Studies on the stabilization of atomic hydrogen by means of low temperatures and strong magnetic fields	1972
19720012087	Acoustic interference by reflection application to the sound pressure spectrum of jets	1972
19720012154	The conductivity of solid electrolytes. Part 3: The conductivity of Ag3SI	1972
19720012219	Space development in Europe and the United States of America with emphasis on the post-Apollo program	1972
19720012230	Space dust adhesion	1972
19720012331	Soviet scientific discoveries	1972
19720012343	Unsolved problems of airplane aerodynamics	1972
19720012344	The supercritical wing	1972
19720012364	Reflections on the Soviet supersonic airliner TU 144	1972
19720012365	Curling of an unstable discontinuity surface	1972
19720012389	Problems of space biology. Volume 9: Outline of space radiobiology	1972
19720012390	The radiation situation in space	1972
19720012391	Evaluation of the biological effect of radiation as applied to the problems of space radiobiology	1972
19720012392	Effect of flight factors on radiobiological effects	1972
19720012393	Characteristics of the biological effect of cosmic radiation	1972
19720012394	Space pharmacology	1972
19720012395	Criteria for determining the permissible doses of irradiation for astronauts	1972
19720012396	Study of the biological effect of cosmic radiation in flight experiments	1972
19720012397	Protection of Vostok and Voskhod cosmonauts from the radiation hazards	1972
19720012424	Gastric motility during rest and physical exercise	1972
19720012479	Interaction of sodium chloride and kaolin at high temperatures	1972
19720012554	Compensation for the resistance of connecting wires in a nonequilibrium bridge	1972
19720012631	Effects of strong axial pressure gradients on turbulent boundary layer flows	1972
19720012636	A progress report on the attempt to construct an invariant model of turbulent shear flows	1972
19720012660	The turbulent boundary layer in supersonic gas flows	1972
19720012694	Introduction	1972
19720012695	Definition of earth resource policy and management problems in California	1972
19720012696	User requirements for the application of remote sensing in the planning and management of water resource systems	1972
19720012697	Remote sensing data as an aid to resource management in northern California	1972
19720012698	River meander studies	1972
19720012699	Assessment of the impact of the California water project on the west side of the San Joaquin Valley	1972
19720012700	Assessment of the impact of the California water project in southern California	1972
19720012701	Digital handling and processing of remote sensing data	1972
19720012702	Investigation of atmospheric effects in image transfer	1972
19720012706	Measurement of soil moisture for purposes of terrain exploration	1972
19720012707	The use of tensiometers in studying the water cycle of soils in swampy forests	1972
19720012708	A new method of measurement for determining soil moisture with Co-60 and Cs-137	1972
19720012709	Temperature variability of the upper soil layer in a barley field	1972
19720012710	Application of spatial filters in measuring the ratio W/H under conditions of an aerial-mapping process	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720012714	The Kosmos 243 investigation of microwave radiation over a cultivated landscape	1972
19720012750	Distant-reading soil thermometer	1972
19720012767	Scintillation hodoscope with light coding	1972
19720012828	Use of a laser for atomic absorption analysis	1972
19720012843	Fretting corrosion	1972
19720012860	Some new cation-rich ternary oxides of the MeMO type	1972
19720012861	Lithium aluminates, 2: Li ₅ AlO ₄	1972
19720012950	On the theory of cavity reactors with compressible fuel. 2: Dynamic reactivity dependence on system parameters	1972
19720012951	On the theory of cavity reactors with compressible fuel. 1: Dynamic characteristics in the case of fuel density oscillations	1972
19720012964	Experimental investigations of the acoustic reflection coefficient of discontinuous changes of cross section in tubes with air flow	1972
19720012965	Evaporation from a liquid surface under a high and a medium vacuum	1972
19720013081	Epitaxy: Phenomenon of postnucleation, with discontinuous thin films of aluminum and gold on (100) KC1 as an example	1972
19720013082	Brownian migration of crystallites on a surface and its relationship to epitaxy	1972
19720013083	Regularities in the recrystallization kinetics of metal single crystals of varying purity level	1972
19720013124	Physics of elementary particles and cosmic rays	1972
19720013125	Integral representatives of scattering amplitude	1972
19720013126	Two particle inelastic reaction with exchange of a baryon having spin of 3/2	1972
19720013127	Inelastic negative pion p-interactions with small momentum transfer	1972
19720013128	Inelastic pp-interactions at an energy of 6 GeV with low momentum transfer	1972
19720013129	Interaction of 30.8 GeV/c protons with heavy emulsion nuclei in a strong magnetic field	1972
19720013130	Interaction of protons with energies in tens of GeV with heavy emulsion nuclei and a model of the intranuclear cascade	1972
19720013131	Perspectives for investigations of characteristics of nuclear interactions at energies of 10 to the eleventh power through 10 to the thirteenth eV on the large installation at the high altitude station Kum-Bel of the Institute of Nuclear Physics of the Academy of Sciences of the Uzbek SSR	1972
19720013132	Use of spark chambers with a high effective area for cosmic rays	1972
19720013133	Cerenkov detectors with high effective area	1972
19720013136	Particle acceleration in solar flares	1972
19720013291	Aeronautics and Space Report of the President, 1971 activities	1972
19720013292	Legal aspects of the utilization of artificial satellites for meteorological and radio communication purposes	1972
19720013309	SACI Project progress review meeting	1972
19720013333	Techniques for the evaluation of air-breathing propulsion systems in full-scale flight	1972
19720013336	Lifting body flight-test techniques	1972
19720013356	Stability and control of hypersonic aircraft	1972
19720013385	Studies on solid electrolyte cell. Part 3: The solid electrolyte cell with Ag ₃ SI thin film	1972
19720013392	A micromethod for rapid and specific series determination of the protein content of intact microorganisms	1972
19720013395	Experimental and clinical studies in the treatment of arrhythmias due to digitalis by sodium citrate	1972
19720013396	Changes in the nervous system during a 120 day clinostatic hypokinesia and the prophylaxis of hypokinetic disorders	1972
19720013481	Microstructure of radio aurora scattering regions	1972
19720013709	Study on sand movement by wind	1972
19720013710	Movement of water through the surface layers of the soil	1972
19720013714	Interpretation of aerial photographs for geomorphological research	1972
19720013763	Results of the development and testing of the AM-15 bimetallic thermometer probe	1972
19720013764	Dynamic thermocapacitive soil-moisture sensor	1972
19720013775	Utilization of atomic absorption spectrophotometry for the study of adsorption kinetics in the liquid phase	1972
19720013851	Use of a laser for spectral-isotopic determination of volumetric and surface content of oxygen in metals	1972
19720013885	Influence of certain physico-chemical factors on the adsorption capacity of active carbons with respect to rhenium	1972
19720013886	Metallic dispersion as solid samples in atomic absorption	1972
19720014149	Preparation and crystal structure of KAgO and CsAgO	1972
19720014211	Preliminary results of lunar soil study	1972
19720014212	Meteorites are interplanetary space probes	1972
19720014214	Measurement of the concentration of solid component of substances in outer space, performed aboard spacecraft	1972
19720014215	Lunar soil in Mare Imbrium	1972
19720014216	The Luna 17 automatic station on Mare Imbrium	1972
19720014217	Morphology of small craters in the lunar maria	1972
19720014218	Statistics on small craters from Lunokhod 1 data	1972
19720014219	Statistical analysis of rock distribution from Lunokhod 1 data	1972
19720014255	Some important considerations in the development of stress corrosion cracking test methods	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720014276	Hot salt stress corrosion cracking of titanium alloys: Overview and impact on space shuttle application	1972
19720014423	Influence of microwave radiation on the organism of man and animals	1972
19720014425	Growing plants in space	1972
19720014428	Comparative evaluation of the influence exerted on the organism by borides and carbides of transition metals with consideration of the characteristics of their electron structure	1972
19720014465	Study of the reaction: NaCl plus NaHSO4 plus SiO2 equals Na2SiO3 plus SO3 plus HCl	1972
19720014558	Skylab electrical power system	1972
19720014559	Analysis of effects of shadowed and open solar cells on OWS solar cell array performance	1972
19720014560	The use of the solar cell dark characteristic for checkout of large area solar arrays	1972
19720014561	Nickel-cadmium battery and cell investigation for Apollo telescope mount (ATM) applications	1972
19720014562	Load sharing between parallel operating dc power modules	1972
19720014563	Microwave power transmission considerations for earth orbital space missions	1972
19720014564	Large area lunar surface solar array	1972
19720014565	Thermoelectric generator test programs at MSFC	1972
19720014566	Increased hydrox fuel cell performance	1972
19720014567	High frequency DC-to-dc conversion	1972
19720014587	Reliability of converter networks of thermionic power supply equipments	1972
19720014601	Operation of Southwest Research Institutes High-Intensity Arc-Image Facility	1972
19720014620	Habitable atmospheres which do not support combustion	1972
19720014640	Martian Gravity Simulator for Full-Scale Viking Landing Tests	1972
19720014681	Acoustical control of turbulent excitation in free jets	1972
19720014692	The excitation of turbulence in separated laminar boundary layers	1972
19720014724	Measurement of moisture in typical chernozem soil with an AM-11 resistance soil moisture meter	1972
19720014807	Maximum-minimum thermometer for determining soil temperature at a depth of the tillering node of winter crops	1972
19720014890	Investigations of hardening and of change in microstructure	1972
19720014977	Systematic manual control display design	1972
19720014980	Integrated display principles and some applications to V/STOL aircraft	1972
19720015154	Solar-diurnal variations of cosmic rays from the maximum to the minimum of solar activity	1972
19720015213	The TOR-1 apparatus for investigating lunar ground	1972
19720015214	Descent into planetary atmospheres	1972
19720015215	The 322 days in the Sea of Rains	1972
19720015216	Lunar development in the light of modern data	1972
19720015305	Technology assessment: Understanding the social consequences of technological applications	1972
19720015374	Helicopter aerodynamics	1972
19720015421	The brain of hibernating animals	1972
19720015594	The movement of a rigid body with cavities containing a viscous fluid	1972
19720015636	Manned systems for sensing earth's resources	1972
19720015728	Morphology of the quiet and disturbed ionosphere	1972
19720015782	External production and control of electrojet irregularities	1972
19720015871	Holography	1972
19720015961	Numerical methods for solving problems of mechanics of continuous media	1972
19720015962	Difference methods in solving problems of gas dynamics	1972
19720015963	Methods of solving unsteady problems of gas dynamics	1972
19720015964	The decomposition method in solving problems of mathematical physics	1972
19720015965	The use of the method of the small parameter for numerical solution of equations of mathematical physics	1972
19720015966	Numerical methods in solving steady-state equations of gas dynamics	1972
19720015967	Certain numerical methods for solving equations of the boundary layer	1972
19720016090	Ion heating via turbulent ion acoustic waves	1972
19720016332	A compilation of nondimensional numbers	1972
19720016359	Tu-144 on the air lanes	1972
19720016363	Aerobus: The aircraft of the future (basic problems of designing air buses)	1972
19720016413	Respiration in an atmosphere under high pressure	1972
19720016414	Change in respiration with increasing hypercapnia	1972
19720016418	Extraterrestrial life and its detection methods	1972
19720016419	Experimental verification of the ability of quail embryos to assimilate atmospheric nitrogen	1972
19720016421	Stimulation of embryonic rat cells in culture by a protein fraction isolated from fetal calf serum. 1: Electrophysiological measurements at the cell surface membranes	1972
19720016422	Malignant tumors and microorganisms	1972
19720016425	Review of the work of the laboratory of M. I. Volskiy on the assimilation of atmospheric nitrogen by higher organisms	1972
19720016750	Sequential aerial photography and imagery for soil studies	1972
19720016766	Deep thermal stream in the Dagestan territory	1972
19720016785	Soil heat regime in the European USSR during the warm season	1972
19720016881	Determination of the lifetime of helicopter components	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720017000	The meteorology of tomorrow	1972
19720017089	The interaction of impurity atoms with dislocations in iron	1972
19720017106	Studies of plasma turbulence by means of charged particle beams	1972
19720017127	Semiconductor detectors of radiation and their application in deep space studies	1972
19720017188	High-energy particles in cosmic radiation sources	1972
19720017202	The planets: Solved and unsolved problems	1972
19720017206	Origin of the asteroids	1972
19720017209	Exogenetic processes on the surface of lunar Maria	1972
19720017223	The minor planets	1972
19720017225	Mineral composition of the fusion crust and also the meteoritic and meteoric dust of the Sikhote-Alin meteorite	1972
19720017277	Soviet robots on the moon	1972
19720017312	Heat insulating material and process for its manufacture	1972
19720017315	The methane combustion mechanism question. 2: The one-dimensional atomic flame	1972
19720017340	A vortex model dealing with the airstream at the rotor blade of a helicopter	1972
19720017343	Evaluation of flight measurements and plotting of load collectives	1972
19720017380	Lung ventilation and gas exchange of a man breathing different gas mixtures while swimming under water	1972
19720017382	Disorientation incidents report by military pilots across 14 years of flight	1972
19720017407	A simplified space technology method for clinical aircrew measurement of functional respiratory values	1972
19720017653	Solution of the Chaplygin equation by the method of straight lines	1972
19720017680	The extent of the zone of strong pitch angle diffusion of outer zone and plasma layer electrons during a substorm	1972
19720017692	Interstellar formaldehyde and silicon monoxide in ultra-dense clouds	1972
19720017695	The Eole program	1972
19720017775	An instrument for recording soil temperature gradient	1972
19720017851	Pulsed laser holography	1972
19720017866	The effect of austenite structure flaws on carbon diffusion	1972
19720017871	The dislocation structure of alternately stressed austenitic steels	1972
19720017932	Satellite climatology	1972
19720018037	Crystal structure of olivine	1972
19720018102	The fusion crust of the Kunashak stony meteorite	1972
19720018161	Introduction to solar physics	1972
19720018162	Internal rotation of the sun	1972
19720018163	A history of solar rotation	1972
19720018164	Dynamics of the outer solar atmosphere	1972
19720018165	The interplanetary plasma	1972
19720018166	Lower atmospheres of the planets	1972
19720018167	The composition of planetary atmospheres	1972
19720018168	Interior structure of giant planets	1972
19720018169	Radar and radio exploration of the planets	1972
19720018170	Nature and interpretation of the Apollo 11 lunar samples	1972
19720018171	Origin of the solar system	1972
19720018172	Evolution of planetary atmospheres	1972
19720018173	History of the lunar orbit	1972
19720018350	Simulation of an increased Reynolds number produced by roughness on an aircraft model in transonic range	1972
19720018405	Magnetic fields and man: Where do we stand today?	1972
19720018423	Inhibitory effects of exogenous glucose on the biosynthesis of protoheme by the yeast <i>saccharomyces cerevisiae</i>	1972
19720018435	Method of studying the reactions of a human operator considered as an oscillatory system to harmonic and random vibrational action	1972
19720018452	Quantitative gas analysis by mass spectrometer. No. 3: Quantitative analysis of carbon monoxide and nitrogen	1972
19720018508	Realization of adaptive control algorithms with the aid of onboard digital computers	1972
19720018583	Air vortex wakes and their cause	1972
19720018584	Experiment on exhaust muffler by pulsating air flow	1972
19720018620	Method and apparatus for experimental determination of heat exchange in soil	1972
19720018636	Physical properties of rocks at high temperature	1972
19720018643	Movement of soil moisture under temperature gradients	1972
19720018646	Estimating the accuracy of a simple method for calculating the heat balance in the soil	1972
19720018647	EOLE: Complementing experiments	1972
19720018655	The influence of temperature on the direction of water movement in the soil	1972
19720018663	Time-dependent Yukawa potentials of a class of weak gravitational fields	1972
19720018689	The effect of input potentials on the characteristics of the sensor of a radio frequency mass spectrometer	1972
19720018690	Glass filter electrical moisture block and self-recording moisture meter for measuring soil moisture	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720018751	High speed radial thrust multipoint ball bearing design	1972
19720018799	X-ray measurement of stresses on uranium containing 10% molybdenum by weight	1972
19720018809	Nickel and cobalt phosphites	1972
19720018830	On the minimax feedback control of uncertain dynamic systems	1972
19720018839	Electricity of clouds	1972
19720018893	New methods of studying noise and vibration and cybernetic diagnosis of machines and mechanisms	1972
19720018896	Influence of air flow on the acoustic characteristics of an expansion chamber filter	1972
19720018897	Calculation of the properties of resonator type mufflers	1972
19720018898	Evaluation of the degree of diffuseness in reverberation chambers by spatial correlation techniques	1972
19720018904	Calculation of the property of expansion chamber type mufflers	1972
19720018919	On neutron diffusion in media with periodically variable parameters	1972
19720018991	Shock waves in an anisotropic plasma	1972
19720019068	Evolution of the protoplanetary cloud and formation of the earth and the planets	1972
19720019069	Meteoric propagation of radio waves, no. 7	1972
19720019070	The distribution of the geocentric velocities of sporadic meteors over the celestial sphere	1972
19720019071	Solutions of a high order system of algebraic equations of condition in which the coefficients, free terms, and unknowns are positive numbers	1972
19720019072	Probability of ionization in meteor trails	1972
19720019073	Additional ionization mechanisms in meteor trails	1972
19720019074	Experimental and theoretical investigation of the directionality of meteoric propagation of radio waves	1972
19720019075	Necessity for taking into account the distribution of the velocity and density of the incident flux of meteor particles in predicting meteoric propagation of radio waves	1972
19720019076	A method of determining wind characteristics in the meteor zone by the radar method	1972
19720019077	Calculation of the effect of the radiation pattern antennas in determining the parameters of atmospheric motions	1972
19720019078	The problem of determining the temporal position of pulses reflected from meteor trails	1972
19720019079	Determination of the semi-diurnal pressure variations in the upper atmosphere	1972
19720019084	Returned Surveyor 3 hardware: Engineering results	1972
19720019130	The rings of Saturn	1972
19720019132	Accumulation of cosmogenic isotopes in iron meteorites	1972
19720019155	Space physics and spacecraft	1972
19720019156	The conduct of the EOLE experiment	1972
19720019161	Earth Resources Technology Satellites A (ERTS-A): Press kit	1972
19720019173	Prediction of force spectra by mechanical impedance and acoustic mobility measurement techniques	1972
19720019199	The effects of momentum wheels on the frequency response characteristics of large flexible structures	1972
19720019200	Integrated dynamic analysis of a space station with controllable solar arrays	1972
19720019213	Equipment considerations for ultra low frequency modal tests	1972
19720019216	A technique for closed-loop computer-controlled reversed-bending fatigue tests of acoustic treatment material	1972
19720019224	The effects of various parameters on spacecraft separation shock	1972
19720019230	Vibration fixturing: New cellular design, Saturn and orbital workshop programs	1972
19720019239	Optimum damping distribution for structural vibration	1972
19720019240	A layered viscoelastic epoxy rigid foam material for vibration control	1972
19720019250	Transonic rocket-sled study of fluctuating surface-pressures and panel responses	1972
19720019261	The effect of Q variations in shock spectrum analysis	1972
19720019263	Investigation of launch tower motion during Aerobee 350 launch	1972
19720019267	NASTRAN overview: Development, dynamics application, maintenance, acceptance	1972
19720019274	PERFORM: A computer program to determine the limiting performance of physical systems subject to transient inputs	1972
19720019277	Equivalent spring mass system: A physical interpretation	1972
19720019278	Longitudinal vibration of composite bodies of varying area	1972
19720019338	Statement of George M. Low, Deputy Administrator, National Aeronautics and Space Administration, before the Subcommittee on International Cooperation in Science and Space, Committee on Science and Astronautics, House of Representatives: News release	1972
19720019406	The panel's report	1972
19720019407	An introduction to the physics of solar cells	1972
19720019408	Theoretical efficiency considerations for photovoltaic energy converters	1972
19720019409	The fundamentals of improved silicon solar-cell performance	1972
19720019410	Photosynthesis	1972
19720019427	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components	1972
19720019428	Effects plus Gy acceleration on blood oxygen saturation and pleural pressure relationships in dogs breathing first air, then liquid fluorocarbon in a whole body water immersion respirator	1972
19720019429	The existence and activity of thyrocalcitonin in man	1972
19720019431	Space biology	1972
19720019502	On the nature of the hydrogen adsorption at platinum metal electrodes	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720019503	Gas chromatography determination of alcohols and mercaptans	1972
19720019519	Second Scientific Technical Conference on Radio Communication	1972
19720019520	Relationship between outgoing microwave radiation and the surface of the sea (based on data obtained from the Kosmos-243 satellite	1972
19720019522	A simple method for all purpose coding of a source of independent messages	1972
19720019579	The 10 A switching transistor	1972
19720019615	Environmental Impact Statement Concerning Activities of the National Aeronautics and Space Administration at Wallops Island, Virginia	1972
19720019617	Environmental impact statement for the Jet Propulsion Laboratory	1972
19720019664	A differential method for solving the boundary layer equation for steady laminar incompressible flow	1972
19720019665	Interaction of an elastic boundary with the viscous sublayer of a turbulent boundary layer	1972
19720019704	Experiments on a program of world magnetic survey	1972
19720019705	Investigation of electron spectra in the earth's inner radiation belt by the satellite Kosmos 219	1972
19720019709	Preferred frame theories and an extended PPN formalism	1972
19720019710	Experimental evidence to rule out preferred frame theories of gravity	1972
19720019836	Apparatus and method for applying protective coatings	1972
19720019867	Advanced radiographic imaging techniques	1972
19720019868	Advanced materials inspection techniques	1972
19720019869	Gaseous flow detection techniques for in-space application	1972
19720019870	Quality and reliability requirements for hybrid microcircuits	1972
19720019871	Bond problems caused by thermal excursion	1972
19720019880	Properties of organic driving media for diffusion pumps in technical operation and a new form of an oil diffusion pump	1972
19720019926	Study of conversions in the platinum-iron system	1972
19720019967	The difference problem with an oblique derivative in the half plane	1972
19720019990	Humidity measurement by means of infrared reflection	1972
19720019992	Air ionization measurements in different meteorological and environmental conditions	1972
19720019997	WINDCO: An interactive system for obtaining accurate cloud motions from geostationary satellite spin scan camera pictures	1972
19720019998	ATS-3 observed cloud brightness field related to meso- to subsynoptic-scale rainfall pattern	1972
19720019999	Cloud photographs from satellites as a hydrological tool in remote tropical regions	1972
19720020000	Design of a Small Radar Altimeter for Balloon Payloads	1972
19720020001	Averaged pulse shape measurements of radar sea return at near-vertical incidence	1972
19720020002	Properties of tropical cloud clusters determined from geostationary satellite pictures	1972
19720020069	Targets for neutron generators	1972
19720020100	On ionization-recombination oscillations	1972
19720020101	Collective oscillations of spherically symmetric rotating mass systems	1972
19720020102	Investigation of Feynman diagrams of the first and second orders for some states of light atoms. 1: Expressions for contributions from the first- and second-order diagrams in terms of radial integrals	1972
19720020103	A study of Feynman diagrams of the first two orders for some states of light atoms. 3: Numerical calculations of contributions and diagrams	1972
19720020104	Numerical calculation of Hartree-Fock diagrams of first and second orders for energy of basic states of light atoms in field formulation of perturbation	1972
19720020109	Ion discrimination in mass spectrometers	1972
19720020182	Collective interactions of heavy nuclei nucleons and high-energy cosmic rays	1972
19720020253	Environmental statement for National Aeronautics and Space Administration Office of Manned Space Flight Apollo program	1972
19720020254	Environmental statement for Pioneer F/G program	1972
19720020255	Environmental statement for National Aeronautics and Space Administration Skylab program	1972
19720020260	Environmental statement for the space shuttle program	1972
19720020271	Intelsat 4: Press kit	1972
19720020322	Background material on the agreement signed 24 May in Moscow on cooperation in space between the United States and the Soviet Union News release	1972
19720020350	Dynamic testing of helicopter components	1972
19720020351	Structural stability considerations in the rotor system of the hot gas jet helicopter DO132	1972
19720020358	In a modern plane	1972
19720020361	Flight peculiarities of aircraft in the atmospheres of planets	1972
19720020392	Tests of chemical cold sterilization of some nutrient media	1972
19720020396	Structure of the yeast cell envelope	1972
19720020403	Endocrinology: The effect of age on hypocalcemia and hypophosphatemia	1972
19720020404	Physiology: The effect of thyrocalcitonine on the renal excretion of sodium and chlorides in normal man	1972
19720020405	Evolution of the endogenous metabolism of Baker's yeast (<i>Saccharomyces cerevisiae</i>) as a function of the nature of the oxidized exogenous substrate (acetate, ethanol or glucose)	1972
19720020406	Factors that modify the biosynthesis of saturated fatty acids in the endoplasmic reticulum	1972
19720020481	Dissolving ores and refractories by sodium peroxide fusion in a vitreous graphite crucible	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720020483	The stability of ester type plasticizers. 2: The influence of inorganic fillers and pigments on the volatility of phthalic acid plasticizers	1972
19720020486	Spectrochemical determination of ultratrace elements by the argon arc method	1972
19720020487	The abiogenetic formation of porphin, chlorin, and bacteriochlorin	1972
19720020488	Biological reduction of mineral phosphates	1972
19720020640	Experimental study of diffuser channels with preseparation state of the turbulent boundary layer	1972
19720020641	On the movements of a viscous, compressible, heat-conducting fluid in a spherical layer	1972
19720020686	Comparison of soil temperature data obtained from different kinds of soil	1972
19720020699	A new method for the soil moisture measurement (Momin's method)	1972
19720020701	Method of calculating soil temperature at a depth of 5 cm from atmospheric temperature and humidity values	1972
19720020705	Some behavior patterns in the redistribution of moisture on slopes	1972
19720020706	Thermal properties of the soil as a function of its moisture and compactness	1972
19720020858	Problems in the construction of woodworking machines	1972
19720020859	Noise abatement in wood working	1972
19720020917	Project Helios investigation of adhesives with respect to heat resistance and weight	1972
19720021018	Stability conditions of a gravitational stabilization system for satellites with hydraulic damping	1972
19720021019	A system for controlling the three dimensional motion of a spacecraft during its atmosphere entry	1972
19720021070	Quantum mechanical explanation of activation	1972
19720021071	Adsorption of hydrogen atoms and molecules on platinum	1972
19720021073	Quantum mechanics as relativistic statistics (the case of interacting particles)	1972
19720021098	Calculation procedure, optimization and cost factors of normal-conductive, cryogenic and superconducting magnets for experimental plasma physics	1972
19720021105	Effect of plasma flow on toroidal confinement	1972
19720021116	Preliminary results regarding development of superconducting ribbons of Nb3Sn	1972
19720021158	The upper limit of brightness fluctuations of background radiation in the 1-5 mm region	1972
19720021159	Bolometric measurements of relic radiation	1972
19720021160	Sounding of the solar corona by monochromatic radio radiation	1972
19720021175	Morphology of lunar rocks in the region transversed by Lunokhod 1	1972
19720021176	Satellites in the service of geography	1972
19720021183	Five-year plan for space research	1972
19720021184	On the possibility of creating a microclimate on a section of the lunar surface	1972
19720021192	Curved roads to space	1972
19720021196	Position of the lunar center of mass according to photogrammetric analysis and Lunar Orbiter 1 data	1972
19720021202	Peculiarities of lunar studies by radiosonde observation from the surface	1972
19720021204	Experimental determination of potential lunar surface organic contamination in the lunar module descent engine exhaust	1972
19720021222	Satellites at the Hanover show and news of French satellites	1972
19720021227	Space shuttle: Space shuttle abort separation pressure investigation. Volume 2, part A: Orbiter data at Mach 5	1972
19720021233	Space transport vehicle: Purpose, requirements and problems	1972
19720021235	The use of a system of variable structure to control the flight range of a spacecraft reentering the earth's atmosphere	1972
19720021330	Advanced technology and European unity	1972
19720021356	Influence of the flexibility of the rotor elements on the dynamic deflection of the rotor as a whole	1972
19720021383	Phase-boundary impedance of noble metal electrodes in the region of hydrogen adsorption. 1: Activated platinum electrodes	1972
19720021525	Using interactive systems as a tool in creating interactive subsystems	1972
19720021565	Ultraviolet ion chamber measurements of the solar minimum brightness temperature	1972
19720021584	Measurement of rapidly varying hydraulic flow rates by ultrasonic waves	1972
19720021585	Numerical calculation of laminar compressible boundary layers in unsteady flow	1972
19720021784	Temperature changes in the ground	1972
19720021971	Theorem of optimal division of point of variable mass	1972
19720021972	Interfering parameters in a scheme of linear regression	1972
19720021994	Influence of type of soil on nocturnal temperature variations in the ground level layer of air	1972
19720022043	Stigmatic focusing homogeneous magnetic sector fields	1972
19720022065	Frequency shift of vertical oscillations induced by the beam space charge	1972
19720022155	Optimization criteria for low-thrust engines of limited power and a method for their identification	1972
19720022184	Physical characteristics of the giant planets	1972
19720022187	Dielectric permeability and density of the substance of the surface layer of Mars	1972
19720022188	Optimum strategy when correcting the trajectory of spacecraft	1972
19720022218	A system for examining an automatically checking the dynamic characteristics of the automatic stabilization device of a booster and space vehicle	1972
19720022219	Gas-dynamic bank control of a spacecraft in the atmosphere	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720022229	The construction of control systems for booster rockets and spacecraft which perform high speed motions around the center of mass	1972
19720022269	NASTRAN demonstration problem manual (level 15)	1972
19720022307	The effect of electric fields on the heat transfer in gases	1972
19720022384	Evaluation program for secondary spacecraft cells. Acceptance tests of Heliotek Division, Textron, Incorporated, 20.0 ampere-hour nickel-cadmium cells	1972
19720022407	Comparative characteristics of nucleotide DNA blocks in radiation injury and leukosis	1972
19720022408	Mechanisms of changes in enzyme activity in the small intestine at high temperatures	1972
19720022409	Role of mitochondrial biogenesis in adaptation of the organism to altitude hypoxia	1972
19720022412	Fundamentals of aviation medicine	1972
19720022466	Laser microspectral analysis of biological objects	1972
19720022474	The mechanism of the electrodiffusion of hydrogen through palladium	1972
19720022475	Radionuclide X-ray fluorescence analysis. 1: Excitation of X-ray fluorescence radiation by nuclear radiation	1972
19720022552	An optimal phase demodulator	1972
19720022570	Soviet work on automatic control in outer space (1957 - 1967)	1972
19720022575	System theory on group manifolds and coset spaces	1972
19720022576	The control problem differential of x equals $(A(1 - u) + Bu)x$: A comment on an article by J. Kucera	1972
19720022577	The bang-bang problem for certain control systems in $GL(n, R)$	1972
19720022578	Controllability of nonlinear system	1972
19720022579	Control systems on Lie groups	1972
19720022580	Lie algebras and linear differential equations	1972
19720022604	Nimrod operation and development	1972
19720022605	Partially ionized plasma centrifuge	1972
19720022613	Heat transfer in laminar supersonic boundary layer with blowing of a light gas with desired pressure and heat distribution	1972
19720022614	Numerical study of the influence of the wing tip shape on the vortex sheet rolling up	1972
19720022686	Propagation of visible and infrared waves in the atmosphere	1972
19720022687	The temperature of irrigated soil	1972
19720022688	Method for determination of the heat flux in soil and its application to field measurements	1972
19720022689	Temperature of grassy and rolled soils	1972
19720022704	The IR emission spectrum of N_2 excited under auroral conditions	1972
19720022743	Calculation of the visible characteristics of photographic objects. Examples of photography of the surface of Venus	1972
19720022747	Reference tables for low-temperature thermocouples	1972
19720022757	Technique for manufacturing spectrometric delta E-detectors	1972
19720022827	Tensile properties of hot pressed beryllium: Effect of strain rate on properties up to 1100 K	1972
19720022901	Meteorological flight conditions for supersonic aircraft	1972
19720022949	Experimental investigation of the creep buckling behavior of thin walled pipes made of heat resistant materials	1972
19720022987	Ion implantation	1972
19720022988	Focusing of neutrino parents by elliptical lenses	1972
19720023001	Numerical solution for propagation of coupled longitudinal and transverse waves normal to the applied magnetic field in a three-fluid medium	1972
19720023002	Numerical solution for propagation of longitudinal waves along the applied magnetic field in a three-fluid partially ionized gas	1972
19720023003	Expansion and numerical solution of the general dispersion relation for small amplitude perturbations in a three-fluid plasma	1972
19720023004	Analysis of the mixed initial boundary value problem for a three-fluid plasma with a numerical example	1972
19720023118	Burnup determination of fuel through fluence monitoring with cobalt	1972
19720023139	Application of the gradient method to a study of the signal/noise ratio output of filters used in gamma ray spectrometry with semiconductors	1972
19720023352	The effect of ridge excrescences and trailing-edge control gaps on two-dimensional aerofoil characteristics	1972
19720023641	VICKSI: Proposal for a Van de Graaff cyclotron combination for acceleration of medium heavy ions	1972
19720023816	RC pulse shaper from the semiconductor radiation detectors with three-fold differentiation	1972
19720024063	Experimental investigation of the microinstability in the piston-region of a magnetosonic shock wave	1972
19720024147	Weakly-shocked flows of the solar wind plasma through atmospheres of comets and planets	1972
19720024216	Space research: Physical and technical principles	1972
19720024267	Selection of the optimal configuration of cross sections	1972
19720024360	On the computation of the nose portion of a wing profile in sonic flow	1972
19720024362	Effect of the vortex springing from a helicopter blade tip on the flow around the next blade	1972
19720024392	Study of aircraft noise during take-off	1972
19720024397	Determining the sound field produced by the maneuvering of jet aircraft	1972
19720024423	For the study of nickel hydroxide electrodes. 1: Through nickel (2) hydroxide hydrate	1972
19720024424	Possibility of using an atmosphere based on CO_2 in a power plant	1972
19720024425	The p-type-GaAs(1-x)Px n-type-GaAs heterojunction solar cells	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720024435	Physiological changes during prolonged bed rest	1972
19720024436	Problems of heat sterilization dynamics	1972
19720024437	The terminal decontamination of rooms. Evaluation of efficacy check	1972
19720024438	Prolonged action of medium intensity noise on the functional condition of an organism	1972
19720024439	Question of the daily periodical hearing in a period in conditions of exposure to prolonged noise	1972
19720024440	The question of the effect of cumulative vertical vibration and noise on a series of protein, fat, and carbohydrate metabolism indices for warm-blooded animals	1972
19720024441	Investigation of the interrelationship between the brain's bioelectric and its oxygen demand under vibration effects	1972
19720024444	Vibration as a factor in increasing the effect of noise	1972
19720024445	Pharmacological and physiological studies on the perspiration centers	1972
19720024446	Regulatory mechanisms for fatty acid biosynthesis	1972
19720024447	Toward knowledge of the effect of magnesium on the body temperature	1972
19720024448	Effect of caffeine on athletic performance	1972
19720024449	Compensation of alcohol effects by caffeine and pervitin in a psychomotor performance	1972
19720024450	Human endurance of impact angular accelerations	1972
19720024451	A study on the compression strength of human vertebrae	1972
19720024452	Human endurance of brief (impact) overloads (the problem of selecting a mechanical model)	1972
19720024453	Intraperitoneal administration of a physiological solution as a supplementary method for hydration of an organism	1972
19720024454	Ultrastructural localization of the alkaline phosphatase activity in the interrenal cells of the tailed amphibian <i>Triturus cristatus</i>	1972
19720024455	The activity of collagenases and the collagen content of the skin during carcinogenesis	1972
19720024456	Study of the resistance to infection of pregnant women by the lymphoblastic transformation test	1972
19720024459	Effect of flying on fibrinolytic activity in the blood of jet pilots	1972
19720024460	Influence of mediation and the presence of an observer on the number of agreements reached in negotiation	1972
19720024461	Water-soluble filters and their use in bacterial counts	1972
19720024462	Studies of bacteriological bioluminescence. Action of magnesium salt	1972
19720024463	Phonocardiogram analysis and electronic computers	1972
19720024464	Computer analysis of phonocardiograms	1972
19720024466	Dangers of bed rest	1972
19720024468	Studies on the pH-dependence, inhibition, and reactivation of angiotensin 2 and angiotensin 2 amide cleaving enzymes of human plasma	1972
19720024489	The conquest of outer space	1972
19720024498	Oxidation of tungsten and molybdenum in oxygen atmospheres at low pressures and high temperatures	1972
19720024501	Pyrolysis gas chromatography of amino acids and proteins	1972
19720024502	On a formal inconsistency deduced from the concept of gelification of multifunctional macromolecular compounds according to classical theory	1972
19720024503	On the interpretation of the infinite value of the degree of polymerization according to classical theory	1972
19720024504	Pyrolysis of cellulose	1972
19720024506	Desorption of oxygen from tungsten by means of electron impact	1972
19720024507	A contribution to research on nickel hydroxides	1972
19720024559	Combinatorial coding for discrete stationary sources	1972
19720024563	The digital recording system of the air-shower experiment in Kiel	1972
19720024584	Current regulator for superconducting solenoid	1972
19720024585	Experimental results on a fast cycling pulsed HV power supply	1972
19720024614	Wind tunnel corrections for measurements of two-dimensional profiles in the transonic wind tunnel of the Aerodynamic Testing Facility Goettingen	1972
19720024616	Beam monochromatization by means of resonator	1972
19720024651	Supersonic flow in a corner formed by intersecting plates	1972
19720024652	Subsonic and supersonic flow around nonaxisymmetric fuselages	1972
19720024653	Flow control by cross jet	1972
19720024654	Turbulent flows with elastic boundaries	1972
19720024662	Motion of a fluid bounded by a flexible film	1972
19720024663	Rational calculation of laminar and turbulent compressible boundary layers with heat transfer	1972
19720024664	Space-time correlations of velocities in duct turbulence	1972
19720024665	Propagation of shock waves in polytropic gas spheres	1972
19720024743	Heat balance of agricultural soils	1972
19720024744	Selene	1972
19720024748	Soil temperature conditions on a central Alpine slope on both sides of the timberline. Part 3: Soil temperature in relationship to other climatic factors	1972
19720024749	What gravity tells us	1972
19720024755	Geothermograph and meteorophytograph	1972
19720024756	Use of infrared aerial photography in detecting areas with excess surface water and ground water outflows	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720024757	Checking and analyzing soil temperature measurements. Part 1: Testing results with the aid of tautochrone plots	1972
19720024758	On the problem of techniques for measuring soil surface temperatures	1972
19720024759	Keplerian movement and harmonic oscillators	1972
19720024760	On the relationship between mesospheric circulation and the frequency of noctilucent clouds	1972
19720024761	First results on rapid registration of electro-atmospheric discharge	1972
19720024762	On noctilucent clouds	1972
19720024763	New method for the study of solid particles in the stratosphere	1972
19720024764	Theory of parametric processes in plasma and determination of electron concentration on the polar ionosphere	1972
19720024766	Kinetic theory of the upper atmosphere	1972
19720024819	Sensitivity of radiotelescopes and correlation receivers	1972
19720024820	A new instrument with a spherical attachment for the measurement of UV-radiation incidence at an arbitrary angle	1972
19720024821	On an instrument for the measurement of ultraviolet radiation equipped with a spherical attachment for the measurement of radiation incident at a large angle	1972
19720024825	Concerning the determination of the sensitivity of hot wire anemothermometers in supersonic flows	1972
19720024827	Telescope for recording small energy protons on the intense beta background	1972
19720024842	Human-like machines	1972
19720024843	Automatic mechanical hands	1972
19720024847	A determination of the displacements, angles of contact, stresses, and bending moments in radial-thrust bearings	1972
19720024868	Lasers and thermonuclear fusion	1972
19720024869	Sensitivity of the laser emission spectrography method in the analysis of nonconductive powder samples	1972
19720024870	Study of the physical state of breakdown products by laser action on condensed media	1972
19720024873	Pulsed neutron source using a laser beam	1972
19720024900	On the shape of ultramicroscopic gold particles	1972
19720024936	Solution of certain boundary problems of mathematical physics by the collocation method	1972
19720024938	A generalization of the Regula Falsi for the approximate calculation of null points of a system of nonlinear equations	1972
19720024941	Estimation of error for approximate solutions of systems of first-order differential equations	1972
19720024942	Relation between systems of polynomials orthogonal with respect to various distribution functions	1972
19720024954	The daily course of energy within the air layer near the ground	1972
19720025008	Physical and technological conditions of modeling acoustical fields in architectural acoustics	1972
19720025010	Acoustic wave excitation in a flame	1972
19720025011	Towards the design of superconducting magnets for a proton synchrotron	1972
19720025026	Quantum theory of the glowing electron, 1	1972
19720025027	Quantum theory of the glowing electron, 2	1972
19720025030	Excitation of atoms by electron impacts, as applied to the excitation of resonance transitions in the isoelectronic series of lithium and sodium	1972
19720025031	Theory of scattering of fast charged particles. 3: Multiple scattering of tracks and the influence of statistical coupling	1972
19720025043	Thermal capacity of a wall with a toroidal plasma incursion	1972
19720025046	Applicability of the hydrodynamic approximation for a nonrelativistic plasma	1972
19720025048	Investigation of the relation between compression, relaxation, and end losses in the late phases of theta pinch discharges by means of a two dimensional MHD computer programme	1972
19720025051	Spectra of magnetic pulsations of nonisothermal plasma	1972
19720025067	Brownian migration of crystallites on a surface: The case of aluminum on KCl; clarification of the slip mechanism, part 3	1972
19720025070	On experimental determination of the true value $p_{sub f}$ of type-2 superconductors	1972
19720025135	Rotating discontinuities in the solar wind	1972
19720025137	Study of angular and spectral distribution of earth's radiation in the infrared field of spectrum conducted from the earth's explorer Kosmos-45	1972
19720025159	The amount of cosmic material falling upon the earth	1972
19720025167	The Martian crest	1972
19720025169	Variation of a meteor spectrum during the time of flight	1972
19720025170	On the origin of lunar craters	1972
19720025171	Decameter wavelength radio emission of Jupiter as an indication of high velocity fluxes and shockwaves in the solar wind	1972
19720025172	Determination of the visual and true colors of noctilucent clouds	1972
19720025173	Fragmentation of meteor bodies in flares	1972
19720025174	The cause of meteor flares	1972
19720025175	Collection and examination of meteor dust	1972
19720025176	On the possible explanation of period breakdowns of pulsars by their gravitational radiation	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720025178	Numerical experiences concerning the calculation of perturbation in celestial mechanics with the method of spinor regularization	1972
19720025179	Observation of the diminution of star brightness seen through the central region of Burnham's comet (1959 k)	1972
19720025180	Rubidium-strontium measurements on Bosumtwi crater glasses and Ivory Coast tektites	1972
19720025181	A model of the radio emission of Uranus	1972
19720025182	General expressions of the development in series of the coordinates of a celestial body	1972
19720025185	Stellar evolution. 5: The carbon-flash in a star of 5 solar masses	1972
19720025186	The physical light variation of the planets Saturn and Uranus	1972
19720025187	Drag and heat transfer coefficients of meteor bodies. 1: Conditions of weak shielding	1972
19720025188	Evolution with neutrino losses and thermal pulses of the helium-shell source in a star of 5 solar masses	1972
19720025204	The fourteen French satellites	1972
19720025254	Optimization of structures with constraints on dynamic and frequency characteristics	1972
19720025255	A theory of calculation of flutter vibrations in subsonic flows	1972
19720025284	Heat transfer investigations of axisymmetric bodies at hypersonic speeds by means of infrared measurement	1972
19720025285	Measurement of the energy supply for low voltage wire bridge igniters	1972
19720025286	Direct calculation of sublimation ablation	1972
19720025290	The effect of the start reaction H ₂ plus O ₂ yields 2OH on the time sequence of hydrogen combustion in the air	1972
19720025293	Temperature stresses in an anisotropic cylinder	1972
19720025296	A variable blackbody for temperatures to 4000 K inclusive	1972
19720025297	To the theory on radiation transfer in a nonhomogeneous medium	1972
19720025298	Differential equations of the problem of thermal diffusion in a solid deformed isotropic body	1972
19720025328	The space era: Society and nature	1972
19720025329	The planet's first cosmonaut	1972
19720025424	Lymphoblastic transformation in vitro of blood lymphocytes in conjunction with the study of repeated spontaneous abortions	1972
19720025427	Two pathways from pyruvate to acetyl-coenzyme A in yeast	1972
19720025428	Physiological effects of hypokinesia	1972
19720025429	Composition of bone support substance	1972
19720025450	Mechanics of machines, no. 7/8	1972
19720025451	Some problems of the theory of manipulators	1972
19720025452	Investigation of the dynamics of a manipulator's working organ	1972
19720025453	Some principles of the design of remotely controlled master-slave manipulators	1972
19720025454	Structural and analytical representation of reversible follow-up systems	1972
19720025455	Some peculiarities in the design of reversible follow up systems	1972
19720025456	Manipulators with permanent magnetic clutches	1972
19720025457	Principles of the arrangement of universal mechanical master-slave manipulators	1972
19720025458	Experimental research on the movements in the large joints of arm	1972
19720025459	Evaluation by the operator of the gripping force when controlling an artificial hand	1972
19720025460	The estimation method for investigating the movement of a machine unit with elastic links	1972
19720025461	Dynamics of nonlinear elements with breaks in the kinematic chain	1972
19720025462	Dynamics of the acceleration of the drive for the mockup of a drill press table with programmed control	1972
19720025463	Principles of the control of machines and living organisms by means of the biopotentials of the muscles	1972
19720025464	Some problems of the dynamics of machines with nonlinear characteristic curves for the links	1972
19720025487	Theory of stochastic graphs applied to the random synthesis and degradation of multifunctional macromolecular compounds	1972
19720025583	General theory of dynamic systems and classical mechanics	1972
19720025628	Study, by simple and double extraction of pure and seeded supersonic jets, of the effects present in the formation of a high intensity molecular beam of energy in the range 0 to 25 eV	1972
19720025735	Chromatographic detectors for analysis of gases and vapors of organic substances in the atmospheres of the earth and planets	1972
19720025792	An I sub o subtraction unit for use with pulsed or dc light sources in kinetic spectrophotometry	1972
19720025793	Processing of spectra from semiconductor detectors by semiautomatic system containing storage and computers	1972
19720025936	The method of Lyapunov rotational functions for finding oscillating conditions	1972
19720025961	Model of the zonal circulation of the atmosphere on a planetary scale up to an altitude of 200 KM	1972
19720026047	Containment of an ohmic heating plasma in the Uragan high-shear stellarator	1972
19720026048	Determination of plasma density in stellarators using an open microwave resonator	1972
19720026052	Determination of the magnetic field B in vacuum for general two-dimensional MHD equilibria	1972
19720026180	Telesat-A: Press kit	1972
19720026184	Why supernovae flare up	1972
19720026185	A linear theory of optimization problems for rockets with low thrust	1972
19720026210	Major Skylab elements at launch site	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720026212	Mars 2 and 3: Interplanetary stations of the USSR	1972
19720026213	Mariner 9: The first artificial Mars satellite	1972
19720026321	Man and technology in the mastering of space	1972
19720034206	Ultra micro chemical method for the detection of small quantities of microbial cells.	1972
19720034519	Synergistic inactivation of viruses by heat and ionizing radiation.	1972
19720043592	Microbiology of the dry valleys of Antarctica.	1972
19720048327	Survival of bacterial isolates exposed to simulated Jovian trapped radiation belt electrons and solar wind protons.	1972
19720054055	Survival of common terrestrial microorganisms under simulated Jovian conditions.	1972
19720056940	Exit slit mirrors for the Ebert spectrometer.	1972
19720059716	Development of planetary quarantine in the United States.	1972
19720059717	A re-evaluation of material effects on microbial release from solids.	1972
19720059886	Apollo/Saturn V Safety	1972
19720063228	The activity of cosmonauts	1972
19720063231	Antiradiation shielding	1972
19720063385	Physical and chemical regeneration of air	1972
19720063437	Biological effects of extremal environmental conditions (including laboratory simulation)	1972
19720063586	Investigations in space-related molecular biology	1972
19720063839	Apollo lunar surface experiments package	1972
19720063842	Processing and transmission of information	1972
19720063843	Radio astronomy	1972
19720063845	Apollo/Saturn 5 program support requirements	1972
19720064115	Package, preliminary design data for phase A/B study for a pressure fed engine on a reusable space shuttle booster	1972
19720064116	Inter-element relationships between trace elements in primitive carbonaceous and unequilibrated ordinary chondrites	1972
19720064245	Space shuttle	1972
19720064247	Skylab	1972
19720064407	Letter to the editor	1972
19720064608	Developing design allowables for adhesives proposed for attaching reusable surface insulation	1972
19720064609	Traverse gravimeter. Electrical, electronic, and electromechanical parts list	1972
19720064695	Far infrared radiometry and spectroscopy of Mars from the NASA Convair-990 jet aircraft	1972
19720064699	Developing design allowables for adhesives proposed for attaching reusable surface insulation	1972
19720064719	Apollo lunar surface experiments package	1972
19720064873	Final Scientific Report	1972
19720064884	The $1/\gamma$ velocity dependence of nucleon-nucleus optical potentials	1972
19720065092	Apollo lunar surface experiments package	1972
19720065099	Cauldron subsidence in lunar craters Ritter and Sabine	1972
19720065100	Magnetic field anomalies in the lunar wake	1972
19720065286	Absorption spectrum of CS ₂ in the region from 600 to 1015A	1972
19720065357	A review of electrical feed through techniques for high pressure gas systems	1972
19720065455	Absorption spectrum of electrically excited oxygen molecules, part 2	1972
19720065457	The role of light in the control of chlorophyll synthesis	1972
19720065459	On the design of self-programming computers	1972
19720065460	On-line optimization of maintenance and verification schedules	1972
19720065461	General motion of impact dampers	1972
19720065462	Computer-oriented methods in mathematical pattern recognition	1972
19720065463	Nonlinear analysis of generalized modulation tracking systems	1972
19720065514	Sequential error detection for nonlinear estimators	1972
19720065522	Reference skylab flight plan, SL-1/SL-2, SL-3, and SL-4 (April 30, 1973 SL-1 launch)	1972
19720065543	Fire warden manual	1972
19720065548	The effect of surface conditions on the work function of insulators and semiconductors	1972
19720065720	Two-way coherent tracking systems	1972
19720065733	Kinetics of the reaction OH plus NO ₂ plus m yields HNO ₃ plus M	1972
19720065893	A wireless respiration failure detection system	1972
19720065929	Biomedical technology transfer: Applications of NASA science and technology	1972
19720065930	Applications of NASA science and technology in environmental sciences	1972
19720065931	Technology transfer in biomedical engineering	1972
19720065932	Applications of NASA science and technology in environmental sciences	1972
19720065933	Molecular beam study of the K plus CH ₃ I reaction: Energy dependence of the detailed differential reactive cross section and product (KI) recoil velocity distribution	1972
19720066102	Distribution free sequential classification algorithms with applications	1972
19720066254	Reducing the cost of space transportation, volume 21	1972
19720066278	Major NASA launchings, 1 October 1958 - 31 December 1971	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720066280	An investigation of the open loop amplification of Reynolds number dependent processes by wave distortion	1972
19720066300	Command and service module/lunar module launch operations fluid servicing specification	1972
19720066402	General specification operations location coding system for crew interfaces	1972
19720066403	Rotational excitation of a rigid rotor. Comparison of two approximate classical models with exact classical results	1972
19720066428	Isotopic power materials development	1972
19720066429	Apollo lunar surface experiments package	1972
19720066430	Apollo lunar surface experiments package	1972
19720066446	Role of the C-terminal sequence of angiotension 1 on immunologic reactivity and on conversion to angiotensin 2 in vivo and in vitro	1972
19720066653	Apollo 16: Scientific investigation of the moon	1972
19720066816	Calculated properties for C1F	1972
19720067232	Quarterly status report no. 29, 1 April - 30 June 1972	1972
19720067233	Application of the Galerkin Method in the Design of Stable Liquid Rocket Motors	1972
19720067292	The effect of surface conditions on the work function of insulators and semiconductors	1972
19720067295	A stochastic bioburden model for spacecraft sterilization	1972
19720067299	Mars chart: South polar region	1972
19720067613	Post-test examination of central vent experiment (CV1A), supplement	1972
19720067835	Multidisciplinary studies in management and development programs in the public sector	1972
19720067844	Skylab: Command service module systems handbook, CSM 116 - 119	1972
19720067859	A Collision Avoidance Warning Criterion for Maneuvering Aircraft	1972
19720067873	Computer-oriented research in the space-related sciences	1972
19720067957	Long life valve design concepts	1972
19720068031	Book review of Mathematical Astronomy for Amateurs	1972
19720068033	Book review of Physics of the Solar Corona	1972
19720068045	Potential microbial survival in Jovian atmospheres	1972
19720068051	Manipulation procedures MI EOLE: Group 2	1972
19720068053	Method for studying polymer crystallization in a temperature-gradient field with controlled crystal growth	1972
19720068054	Interrelations of meteorites, asteroids, and comets and reasons for not having an early asteroid mission for MF	1972
19720068055	Interrelations of meteorites, asteroids, and comets	1972
19720068056	Reasons for not having an early asteroid mission	1972
19720068065	Final flight mission rules. Apollo 17 (AS-514/114/LM-12)	1972
19720068077	Communications biophysics	1972
19720068091	Automatic EEG Interval Spectrum Analysis (EISA) for long duration recordings of sleep and anesthesia	1972
19720068122	Common specifications statements generator (COMGEN): Program user's guide	1972
19720068233	Apollo/Saturn 5 postflight lunar impact trajectory, AS-510 S-4B/IU	1972
19720068256	A preliminary math model for the lunar sounder: Performance assessment of spacecraft radar/tracking systems	1972
19720068265	Space vehicle engine and heat shield environment review	1972
19720068273	Low speed aerodynamic characteristics of five helicopter blade sections at Reynolds numbers from 2.4 million to 8.4 million (U)	1972
19720068274	Aerodynamic Characteristics of a Wingless Missile with Aft Cruciform Controls at Mach Numbers from 2.30 to 4.63 (U)	1972
19720068275	Aerodynamic characteristics at Mach numbers from 1.60 to 2.86 of a current missile configuration with modified wing and tail components (U)	1972
19720068278	Aerodynamic characteristics of 1/25 scale model of YF-12 airplane at Mach 1.80 to 2.96 with and without external instrument packages and flow-field surveys at Mach 2.96 (U)	1972
19720068295	Effect of airframe modifications on longitudinal aerodynamic characteristics of a fixed-wing, twin-jet fighter airplane model (U)	1972
19720068296	Catabolic repression 1970	1972
19720068297	The behavior of the blood volume during short term bodily work. Determinations with Cr51- and I131 - albumin	1972
19720068298	Discrimination sleep phases by automatic EEG Interval Spectrum Analysis (EISA)	1972
19720068299	Comparative studies on the physical capability of humans for muscular work in hypoxia and in acceleration	1972
19720068300	Comparison of physiological responses to moderate muscular exercise in normal individuals in relation to the degree of anxiety	1972
19720068301	Ultrastructural studies of bacteria grown in aqueous and semisolid media with emphasis on intercellular spatial orientation in uniform and zero gravity fields	1972
19720068302	Physiological responses to environmental factors related to space flight	1972
19720068303	The role of depressed metabolism in increased radio-resistance	1972
19720068314	Physiological evaluation and baseline testing support for Skylab experiment M-171	1972
19720068315	Apollo EMU garment program	1972
19720068316	Modeling and integration of physiological control systems, Modification C	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068317	Intravehicular space suit	1972
19720068318	Photo-oxidation of aromatic derivatives	1972
19720068320	Antenna and propagation studies for spacecraft: Preflight analysis of the LM and CSM high gain antenna systems' operation on the Apollo 16 mission	1972
19720068321	Plated wire auxiliary storage and playback memory	1972
19720068322	Apollo 15 extravehicular communication system postflight analysis using post-mission terrain data	1972
19720068323	RF techniques for docking: The application of near field phenomena	1972
19720068324	Antenna and propagation studies for spacecraft: Apollo 16 mission EVCS-LM VHF coverage	1972
19720068325	Performance assessment of spacecraft radar/tracking systems	1972
19720068326	Antenna and propagation studies for spacecraft: Apollo 16 spacecraft to spacecraft VHF coverage	1972
19720068328	Automated verification system programmer's guide	1972
19720068329	Computer routines for on-line digital control	1972
19720068334	An alphanumeric character generator for general purpose oscilloscopes	1972
19720068338	Lunar Roving Vehicle operational characteristics	1972
19720068341	Electron beam microanalysis of complex carbides	1972
19720068344	Optical data processing for enhancement of lunar surface photographs	1972
19720068345	A signal conditioning unit for a satellite's camera system	1972
19720068346	Mechanisms for the adhesive of silver to glow discharge sensitized perfluorinated ethylene propylene (FER)	1972
19720068347	Review and assessment of nondestructive test methods and inspection criteria for castor motors	1972
19720068348	Development of the technology necessary to mold Super Pyrell	1972
19720068349	A new technique of investigation in metal analysis	1972
19720068352	Application of advanced composite materials for upper stages	1972
19720068355	Further comments on the application of the method of averaging to the study of the rotational motions of a triaxial rigid body, part 1	1972
19720068356	Steady-state Attitude Control Propulsion Systems computer program documentation and user's manual, volume 2	1972
19720068359	Apollo 15 guidance, navigation, and control system performance analysis report	1972
19720068360	Steady-State Attitude Control Propulsion Systems computer program documentation and user's manual, volume 1	1972
19720068361	Results of space shuttle computer floating-point precision study	1972
19720068362	Advanced missions guidance, navigation and control systems requirements and analysis	1972
19720068364	Skylab mission: CSM guidance, navigation, and control systems analysis plan	1972
19720068365	Mission J2 (AS511/CM113/LM11) G and N error analysis	1972
19720068367	Optical transfer function in optical testing	1972
19720068369	Brownian migration of crystallites on a surface and its relationship to epitaxy	1972
19720068370	Investigation of crystal growth	1972
19720068377	Apollo mission J2/CSM-113/SPS preflight performance report	1972
19720068380	Characterization of attitude control propulsion systems	1972
19720068382	Technology development for high performance, low thrust solid propellant rocket motors	1972
19720068385	Flight report for Delta vehicle S/N 20022 Delta program mission no. 85 spacecraft: OSO-H	1972
19720068388	Delta mission ERTS-A orbit dispersion analysis	1972
19720068390	Investigation of potential techniques for performing automated in-situ composition and age-dating analyses	1972
19720068397	Apollo mission J2/LM-11/DPS preflight performance	1972
19720068398	ALSEP/P and FS mission supplements to the network operations procedures	1972
19720068400	Launch window considerations for the small scientific satellite Explorer 45	1972
19720068401	Apollo mission J2 CSM 113 cryogenic storage system preflight performance report	1972
19720068410	Space shuttle crew/systems interface development program. Volume 1: Booster	1972
19720068411	Space shuttle crew/systems interface development program. Volume 2: Orbiter	1972
19720068413	Space LOX vent system	1972
19720068415	Reusable nuclear stage advance structures study	1972
19720068416	Interim results of parametric studies of space shuttle booster and orbiter concepts	1972
19720068430	A study of compatibility of a cryogenic upper stage with space shuttle	1972
19720068432	Preliminary design of a space shuttle orbiter test bed	1972
19720068434	Nonlinear analysis of a shock-loaded membrane	1972
19720068435	Reusable space shuttle vehicle thermal protection	1972
19720068436	Space shuttle thermal protection system panel analysis	1972
19720068437	Aerodynamic surface heating analysis program (AEROHT) for atmospheric entry and launch vehicles TRW program number HH041A	1972
19720068439	Space Environment Test Division information management system study	1972
19720068442	Spacecraft systems analysis project	1972
19720068453	An investigation of silicon photovoltaic cells aimed at increasing their solar energy conversion efficiency	1972
19720068454	Study of oxygen gas production phenomenon during stand and discharge in silver zinc batteries	1972
19720068455	Discharge regulator for the IMP-I, H and J spacecraft	1972
19720068456	Response of the urinary apparatus to electrolytic changes in long standing ortho-pedic diseases	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068457	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments. Toxicology	1972
19720068458	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments. Toxicology	1972
19720068461	Increasing the dynamic range of visual simulation by means of a flying-spot scanner	1972
19720068462	Development of medical data information systems	1972
19720068463	Reactive capability as a function of body position	1972
19720068464	Study of a seat design for human survival in aircraft emergencies	1972
19720068466	The effects of multipath and RFI on the TDRSS command and telemetry links	1972
19720068467	Video data quality measurement techniques and standards criteria study	1972
19720068468	Longlines communications guide. Apollo 16 air ground annex	1972
19720068469	Rendezvous Radar (RR) data analysis Apollo 16	1972
19720068470	Intersymbol interference effects in a coherent PSK communication system	1972
19720068471	Apollo 16 extravehicular communications system postflight analysis	1972
19720068472	Communications carrier S/N 122 repair	1972
19720068473	Evaluation of RAM C-3 X-band and S-band Signal Strength Data (U)	1972
19720068476	RAE-B AAP preflight environmental test system. Volume 2: AAP/920 hardware interface	1972
19720068477	Common specifications statement generator (COMGEN) programmer's guide	1972
19720068478	Switching system computer interface development	1972
19720068479	Systems theory analysis	1972
19720068481	Preliminary definition study of HEAO mission A experiment interface	1972
19720068506	Spaceflight tracking and data network users guide	1972
19720068507	Space shuttle orbiter TPS test bed design. Volume 1: Technical Report	1972
19720068508	Space shuttle orbiter TPS test bed design. Volume 2: Test plan	1972
19720068509	Space shuttle orbiter TPS test bed design. Volume 3: Technical data, part 1	1972
19720068510	Space shuttle orbiter TPS test bed design. Volume 3: Technical data, part 2	1972
19720068511	STS ground support system study. Volume 1: Executive summary	1972
19720068512	STS ground support system study. Volume 2: Vehicle and facility configurations	1972
19720068513	STS ground support system study. Volume 3: Baseline facilities requirements	1972
19720068514	STS ground support system study extension	1972
19720068519	User's guide and software documentation for the algorithm simulation Test and Evaluation Program (ASTEP)	1972
19720068521	Multispectral scanner data redundancy study	1972
19720068522	Investigation of amplification method for fluidic flight controllers	1972
19720068524	Development of a remote vibrating sensor for monitoring physical property changes in solid propellant	1972
19720068525	Digital enhancement of Apollo 14 lunar imagery	1972
19720068529	The development and evaluation of lubricating systems for reusable space vehicles	1972
19720068530	Research on bearing lubricants for use in high vacuum	1972
19720068532	Nonstationary ascent wind analysis	1972
19720068533	Vehicle attitude error equations for 4-gimbal platforms for advanced Saturn derivative vehicle	1972
19720068534	Position Location and Aircraft Communications Equipment (PLACE)	1972
19720068535	Materials research	1972
19720068539	Evaluation of a high-energy storable hybrid	1972
19720068540	Dynamics and control studies of the parallel-burn 156-inch solid propellant motors for the space shuttle vehicle	1972
19720068541	Apollo 15 LM-10 descent propulsion system final flight evaluation	1972
19720068542	Reusable space shuttle F-1 engine interface control document (ballistic recoverable booster)	1972
19720068543	Feasibility study for a solar electric propulsion stage and integrated SEP spacecraft. Volume 1: Executive summary	1972
19720068544	Feasibility study for a solar electric propulsion stage and integrated SEP spacecraft. Volume 2: Concept and feasibility analysis. Part 1: Missions analysis	1972
19720068545	Feasibility study for a solar electric propulsion stage and integrated SEP spacecraft. Volume 2: Concept and feasibility analysis. Part 2: Concept development	1972
19720068546	Feasibility study for a solar electric propulsion stage and integrated SEP spacecraft. Volume 3: Program planning data and supporting research and technology	1972
19720068547	Feasibility study for a solar electric propulsion stage and integrated SEP spacecraft. Volume 5: Data book (technology manual)	1972
19720068548	F-1 ballistic recoverable booster engine logistics plan	1972
19720068550	Apollo 15, CSM 112 service propulsion system final flight evaluation	1972
19720068552	Apollo 16 Mission 5-Day Report	1972
19720068553	Simulation results for a modified version of the guide 71/6 program for optimal ascent and orbital guidance	1972
19720068554	Atlas/Centaur-28 Intelsat 4 (F4), operations summary	1972
19720068555	IMP 6 first year report	1972
19720068556	Programming manual and user's guide for program PLANET planetary sighting vector program	1972
19720068557	Programming manual and user's guide for Program AOTIMU star availability program	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068558	Analysis of the orbiter exhaust effects on the booster during the parallel staging maneuver	1972
19720068559	Detailed test objectives for the long tank Delta launch vehicle, spacecraft: ERTS-A	1972
19720068567	Detailed test objectives for the long tank delta launch vehicle, spacecraft: ITOS-C	1972
19720068568	Space vehicle engine and heat shield environment review	1972
19720068569	Launch vehicle test and checkout plan. Volume 2: Saturn 5 launch vehicle AS-512 flow plan and listings	1972
19720068570	F-1 special studies for space shuttle support	1972
19720068571	Application of advanced composites to upper stage structures	1972
19720068572	ATLAS CENTAUR 27 Pioneer F operations summary	1972
19720068573	Delta-75 Intelsat 3 F-6 final field report	1972
19720068574	Apollo/Saturn 5 LC-39 operational fallback plan (Apollo 16 and subsequent missions)	1972
19720068575	Launch mission rules, Apollo 16 (SA-511/CSM-113/LM-11/LRV-2)	1972
19720068576	Detailed test objectives for the Long Tank Delta launch vehicle, spacecraft: ERTS-A. Supplement A: Second restart (transtage engine) experiment nominal trajectory	1972
19720068579	Structural analysis apollo block 2 spacecraft. Addendum N (SC113)	1972
19720068580	Space shuttle program , Orbital Maneuvering System (OMS), integrated system test program	1972
19720068588	Phase A: Advanced versatile upper stage study (VUS). Volume 1: Technical	1972
19720068589	Phase A: Advanced Versatile Upper Stage study (VUS). Volume 2: Appendixes	1972
19720068590	Low cost launch vehicle families for automated space missions. Volume 1: Summary	1972
19720068591	Low cost launch vehicle families for automated space missions. Volume 2: Technical report	1972
19720068592	Low cost launch vehicle families for automated space missions. Volume 3: Appendix	1972
19720068593	In-flight simulation of an unaugmented space shuttle orbiter during unpowered landing approach	1972
19720068595	Data system design for advanced IMP spacecraft	1972
19720068596	Space shuttle vehicle flight performance and dynamics analysis. Task 2: Space shuttle vehicle flight dynamic analysis. Volume 2: Orbiter reentry flight dynamics and control analysis, Part 1	1972
19720068597	Space shuttle vehicle flight performance and dynamics analysis. Task 2: Space shuttle vehicle flight dynamics analysis. Volume 2: Orbiter reentry flight dynamics and control analysis, Part 2	1972
19720068598	Space shuttle vehicle flight performance and dynamics analysis. Task 2: Space shuttle vehicle flight dynamics analysis. Volume 2: Orbiter reentry flight dynamics and control analysis, Part 3	1972
19720068599	Space shuttle vehicle flight performance and dynamics analysis. Task 1: Space shuttle vehicle flight performance analysis	1972
19720068606	Design and development of polyphenylene oxide foam as a reusable internal insulation for LH2 tanks	1972
19720068607	Skylab service module thermal correlation analysis (spacecraft 2TV-2/preliminary thermal mathematical model)	1972
19720068610	Prediction of the space shuttle launch vehicle exhaust plume shapes for several trajectory points	1972
19720068614	Discussion on the concept of carbon dioxide therapy	1972
19720068615	Physiological and developmental changes resulting from reduced gravitational force with animals chronically adjusted to centrifugal fields	1972
19720068616	Water recovery and solid waste processing for aerospace and domestic applications	1972
19720068618	Apollo 17 Lunar Sounder mathematical model	1972
19720068620	Four-hundred-foot film magazine system	1972
19720068624	Apollo/Saturn 5 space vehicle countdown demonstration test	1972
19720068625	An analysis of the cost performance of Goddard and non-Goddard principal investigators	1972
19720068626	Apollo 16 medical requirements J-2 type mission lunar landing	1972
19720068627	Study to define a biomedical program. SMEAT integration milestone report for the operations test readiness review (final)	1972
19720068628	Study to define a biomedical program. SMEAT integration milestone report for the operations test readiness review (preliminary)	1972
19720068629	Water recovery and solid waste processing for aerospace and domestic applications	1972
19720068631	Chemical analysis of outgassing contaminants	1972
19720068632	Synthesis of polymers with high residues at high temperatures	1972
19720068633	NASCOM network high frequency radio propagation predictions	1972
19720068634	ATS-5 signal characteristics at 15.3 GHz and related experiments at 15 and 35 GHz. Part 2: Details of the experiment, theoretical background, observations and analysis	1972
19720068636	Cyclic-block error detection codes for the XDS Sigma 5 computer	1972
19720068637	Omega bench program: User's manual and program documentation	1972
19720068638	Improvements to the transient analysis attitude control propulsion systems computer program	1972
19720068639	Sigma 5/AMFR interface	1972
19720068640	Taxiway requirements for space shuttle operational runway	1972
19720068641	Mission and Data Operations Directorate (M&-DOD) data flow and processing operations	1972
19720068642	Analytical theories of turbulence and statistical fluid mechanics	1972
19720068643	Speed and thickness of the magnetopause	1972
19720068646	Prototype flight trace contaminant sensor system study program	1972
19720068647	Mariner Jupiter Saturn 1977 IRIS feasibility study	1972
19720068648	Design, process development, manufacture, test and evaluation of boron-aluminum for space shuttle components	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068649	Design of welded cordwood modules	1972
19720068650	Fatigue of boron/aluminum composites	1972
19720068651	Design, manufacture, development, test, and evaluation of boron/aluminum structural components for space shuttle	1972
19720068652	Design and development of polyphenylene oxide foam as a reusable internal insulation for LH2 tanks, phase 1	1972
19720068654	Development of thermally stable phosphonitrile elastomers for advanced aerospace structures	1972
19720068655	Ambiguity resolution in the advanced OPLE system, phase 1	1972
19720068656	Nutation during precession of a spin-stabilized spacecraft	1972
19720068658	Altitude performance of the Thiokol TE-M-364-4 qualification motors and the TE-M-364-18 motor in the spin mode	1972
19720068659	Performance of the Thiokol TE-M-364-4 motor (S/N E13) in the spin mode at simulated altitude conditions (development-phase 6)	1972
19720068660	TE-M-364 nozzle evaluation utilizing TP-H-3135 (TE-M-364-11) propellant (Development-Phase 5)	1972
19720068661	Performance of three Thiokol TE-M-364-4 motors (S/N E11, E10, E12) in the spin mode at simulated altitude conditions (Development-Phase 4)	1972
19720068662	IUE nutation control: Aspects of hydrazine thrusters	1972
19720068663	Study of requirements for assembly and docking of spacecraft in earth orbit. Volume 1: Executive summary	1972
19720068664	Study of requirements for assembly and docking of spacecraft in earth orbit, Volume 2: Handbook of orbital assembly and docking requirements	1972
19720068665	Study of requirements for assembly and docking of spacecraft in earth orbit. Volume 3: Simulation plan	1972
19720068666	Study of requirements for assembly and docking of spacecraft in earth orbit. Volume 4: Appendices	1972
19720068667	Study of effects of uncertainties on comet and asteroid encounter and contact guidance requirements	1972
19720068668	In-space propellant logistics. Volume 5: Cost estimates	1972
19720068670	Telesat-A mission orbit dispersion analysis	1972
19720068671	The flight of Explorer 45: The first eight months	1972
19720068672	Delta 77 NATO-A final field report	1972
19720068676	Space vehicle engine and heat shield environment review	1972
19720068677	Thermal profile of the DSV-3E-7 spacecraft fairing (extended): ERTS-A mission	1972
19720068679	Detailed test objectives for the extended long tank Delta launch vehicle, spacecraft: TELESAT-A	1972
19720068680	Thermal profile of the DSV-3E-7 spacecraft fairing: ITOS-C and - D missions	1972
19720068681	Detailed test objectives for the extended long tank delta launch vehicle, spacecraft: IMP-H	1972
19720068682	Thermal profile of the DSV-3E-7 spacecraft fairing (extended): IMP-H mission	1972
19720068683	Pressure test on a 0.0056-scale model of a space transportation system launch configuration at transonic Mach numbers	1972
19720068690	Space shuttle: Static stability and control investigation of NR/GD delta wing booster (B-20) and delta wing orbiter (134D), volume 2	1972
19720068691	Space shuttle: Aerodynamics in nose-first, Nozzle-first, and tumbling reentry modes and effectiveness of several drag devices for the Boeing 0.0144-scale parallel-burn solid rocket motor, model 979-185	1972
19720068692	Body/tank structure CER review	1972
19720068693	Aerodynamic surface CER review	1972
19720068695	Space shuttle: Aerodynamic characteristics of a 156-inch solid rocket motor at angles of attack from minus 10 deg to 190 deg	1972
19720068698	Space shuttle: Static stability and control effectiveness of the 040A delta wing orbiter (M equals 0.6 to 4.96)	1972
19720068699	Design of a lightweight outer shell structure for a cryogenic storage vacuum insulations systems	1972
19720068700	Transient simultaneous conductive and radiative heat transfer in absorbing, emitting and scattering materials	1972
19720068701	High temperature heating array operation and maintenance manual	1972
19720068702	A wind tunnel investigation of ground wind loads on two erected space shuttle configurations in simulated atmospheric turbulence	1972
19720068703	N-surface program prediction of the effects of ground proximity on the MSC 040A orbiter	1972
19720068705	Configuration design analysis program (DATCOM)	1972
19720068706	Analysis of US leadership position in world civil aviation	1972
19720068707	Shuttle cryocycle application study	1972
19720068708	Input and output in the system of thermoregulation during rest and exercise. 4: An analog model of thermoregulation during rest and exercise	1972
19720068709	The reaction time for sudden body inclination	1972
19720068710	Acoustic energy effects on sleep and human performance	1972
19720068711	Communications carrier S/N 121 repair	1972
19720068712	Communications carrier assembly (model A-3C)	1972
19720068713	Touch tone telephone	1972
19720068714	Digital communication system design problem analysis	1972
19720068715	Scintillation of plane and spherical waves	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720068716	Programming manual and user's guide for program SUNEAR, sun/earth sighting vector program	1972
19720068717	Investigation of L-band shipboard antennas for maritime satellite applications	1972
19720068718	Design of welded P-C stick modules	1972
19720068719	Data supplement Atlas/Centaur-22 AC-22	1972
19720068721	Fluid test complex operational intercommunication system: Audio	1972
19720068722	Measurements of wing wake vorticity for several spanwise load distributions	1972
19720068724	Micromechanical properties and dimensional stability of materials for use in orbiting observatories	1972
19720068726	Apollo 16 guidance, navigation, and control system performance analysis report	1972
19720068728	Duration of the transition period of noctilucent clouds in spring and autumn in relation to mesopause level	1972
19720068729	LM-11 landing radar	1972
19720068730	Delta 89 ERTS-A/ERTS-1: Flash flight analysis report	1972
19720068731	Apollo 16 STDN metric tracking performance	1972
19720068732	General return-to-earth program	1972
19720068733	Atlas/Centaur-22 orbiting astronomical observatory-3, flash flight report	1972
19720068734	Delta vehicle failure mode descriptions	1972
19720068735	Notes on recovery of space shuttle boosters from the ocean	1972
19720068736	Space shuttle vehicle flight dynamics analysis, Task 2. Volume 1: Launch vehicle flight dynamics and control analysis, Part 1	1972
19720068737	Space shuttle vehicle flight dynamics analysis, Task 2. Volume 1: Launch vehicle flight dynamics and control analysis, part 2	1972
19720068740	Space shuttle: Reentry stability in nose forward and base shield-forward orientations and the effectiveness of drag devices for the Boeing 0.006944-scale ballistic recoverable booster, Model 979-071	1972
19720068741	Launch vehicle catalog of tests and operations AS-504 and subsequent	1972
19720068742	Meteoroid velocity front station sensors and amplifiers for the NASA meteoroid technology satellite	1972
19720068743	Simplified cryogenic storage system program	1972
19720068744	Saturn 1B launch vehicle handling erection guidelines. Complex 39	1972
19720068746	Application of engineering cost analysis. Volume 2: Data analysis	1972
19720068747	Application of engineering cost analysis. Volume 4: Costing methodologies	1972
19720068748	Application of engineering cost analysis. Volume 7: Appendices	1972
19720068749	A study of how technology transfer affects the competitive position of the United States in the world aviation market	1972
19720068750	Expansion and refinement of time estimating relationships for advanced programs, appendix, data pages	1972
19720068764	Preliminary engine and mission performance comparisons for a lightweight C/STOL Naval air-superiority fighter (U)	1972
19720068765	Subsonic aerodynamic characteristics of a delta-wing fighter model at angles of attack to 40 deg (U)	1972
19720068766	Hydrogen effects on electron suppression by electrophilic vapors (U)	1972
19720068767	Radio blackout alleviation by fluid injection and plasma measurements during the Ram C-3 reentry at 25,000 feet per second (U)	1972
19720069211	Space storable explosively actuated valves Pyronetics model 1356	1972
19720069212	Cycle testing of graphite filament wound pressure vessels	1972
19720069220	Space storable explosively actuated valves, Pyronetics model 1356	1972
19720069412	Payload effects follow-on study	1972
19720069415	France: Nuclear, missile, and space developments no. 303	1972
19720069942	France: Nuclear, missile, and space developments no. 302	1972
19720069944	Advanced space program analysis and planning	1972
19720069951	Composite reinforced propellant tanks	1972
19720069953	Semiannual Status Report, 1 August 1971 - 1 February 1972	1972
19720069956	The influence of temperature on fatigue-crack growth	1972
19720069998	France: Nuclear, missile, and space developments, no. 308	1972
19720070002	France: Nuclear, missile, and space developments, no. 305	1972
19720070189	Payload effects follow-on study	1972
19720070194	France: Nuclear, missile, and space developments, number 309	1972
19720070238	France: Nuclear, missile, and space developments, no. 307	1972
19720070295	Proposal for participation in space flight investigations using data from the earth resources experiment package (Skylab)	1972
19720070526	Semiannual Reports, 1 June - 30 November 1971	1972
19720070663	Experimental system, and its evaluation for the control of surgically induced infections	1972
19720070681	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-6	1972
19720070687	Study of low cost launch vehicles families for automated missions. Task 2: Conceptual design. Task 3: Program implementation, second half report	1972
19720070702	Minuteman LGM-30 stage 1 rocket motor special nozzle test program MIP-OONCM 71-0046	1972
19720070779	Nondestructive surveillance of Sidewinder AIM-9D AND 9G rocket motors Mk 36 mods 2, 5 and gas generator Mk 6 mods	1972
19720070780	Some search problems with false contacts	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720070781	Dog-leg unmasking in the corrected-intercept mode	1972
19720070785	Index of telemetry transmitters evaluated for spectrum utilization characteristics	1972
19720070791	TOW	1972
19720070801	Design and construction of a 35 GHz transmitter system	1972
19720070805	An investigation of electronic applications of the rare earth chalcogenides	1972
19720070806	Thermal vacuum test of an experimental passive radiative infrared detector cooler	1972
19720070807	Aerodynamic characteristics of the HAST missile at Mach numbers 2.25, 3, and 4	1972
19720070815	Solid state Doppler sensor investigation	1972
19720070816	Manufacturing technology for materials, designs and fabrication of extrusion dies for hot extruding of steel and titanium structural sections	1972
19720071018	Monopropellant/bipropellant TCA	1972
19720071026	Large, high resolution integrating TV	1972
19720071028	Study of advanced techniques for determining the long term reliability of components	1972
19720071030	Steady state interaction between radiation and matter in stellar atmospheres	1972
19720071031	Instability of large shells	1972
19720071032	Investigation of boundary layer transition	1972
19720071038	Investigation of laser dynamics, modulation and control by means of intracavity time varying perturbation	1972
19720071051	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle	1972
19720071052	Investigation of cryogenic rupture disc design	1972
19720071055	Characteristics of a gelled liquid hydrogen polyphenylene oxide (PPO) foam open-cell	1972
19720071056	Evaluation of the trash rocket concept	1972
19720071057	Spray disintegration in accelerating flow fields	1972
19720071065	Lunar Science - 3: Revised abstracts of papers presented at the Third Lunar Science Conference	1972
19720071070	Studies of heterocyclic synthesis	1972
19720071072	Advanced space program analysis and planning	1972
19720071073	Drosophila biology in space	1972
19720071076	POGO instabilities suppression evaluation	1972
19720071077	Study of cavitating inducer instabilities	1972
19720071078	Investigation of cryogenic rupture disc design	1972
19720071079	Study of Low Cost Launch Vehicle Families for Automated Missions	1972
19720071080	Pogo instabilities suppression evaluation	1972
19720071081	Monolithic catalyst beds for hydrazine reactors: Follow-on contract	1972
19720071083	Contamination on avoidance devices for poppet type shutoff valves	1972
19720071084	Thermal design of composite material high temperature attachments	1972
19720071086	Empirical evaluation of pump inlet compliance	1972
19720071096	Infrared spectrometer investigations of the planets and planetary satellites	1972
19720071107	Magnet assembly, 200 Kg - cm	1972
19720071108	Property determination of sprayed coatings	1972
19720071111	Characteristics of a gelled liquid hydrogen PolyPhenylene Oxide (PPO) foam open-cell insulation system	1972
19720071115	Forces, moments, and pressures on various external liquid hydrogen tanks mounted on a booster/orbiter mated launch configuration	1972
19720071116	Report of the outer planets grand tour plasma wave science team	1972
19720071117	Laser system of extended range	1972
19720071118	Determination of the intensity of turbulence in a liquid rocket combustion chamber	1972
19720071119	Stresses in ablating heat shields	1972
19720071120	Flutter of thermally stressed plates subjected to large deflections	1972
19720071123	Progress Report No. 16, 20 December 1971 - 21 February 1972	1972
19720071125	Progress report, 1 July - 31 December 1971	1972
19720071139	Injun F design studies for the proposed investigation of the earth's magnetosphere at large radial distances, Part 1	1972
19720071140	Injun F design studies for the proposed investigation of the earth's polar magnetosphere at large radial distances, Appendix A, part 2	1972
19720071146	The mycology section of the Apollo Microbial Ecology Evaluation Device (MMED)	1972
19720071175	Shuttle APS propellant thermal conditioner study	1972
19720071176	France: Nuclear, missile, and space developments	1972
19720071201	Space LOX vent system	1972
19720071202	Evaluation of the trash rocket concept	1972
19720071204	Theoretical and experimental investigation of the physics of crystalline surfaces	1972
19720071205	Research on field-effect transistor stress-transducers	1972
19720071209	Refined methods of aeroelastic analysis and optimization	1972
19720071210	Short-range intermolecular forces and high temperature gas properties	1972
19720071211	Interim Progress Report	1972
19720071214	Semiannual Report, 1 May - 31 October 1971	1972
19720071215	Fluid dynamic and heat transfer problems of modern air breathing propulsive system	1972
19720071217	Reynolds number and Mach number effect	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071218	Progress Report, 3 February - 3 March 1972	1972
19720071238	Monolithic catalyst beds for hydrazine reactors follow-on contract	1972
19720071239	Investigation of propellant flow control system	1972
19720071240	Development of model of machine "hand-eye" coordination and program specifications for a topological machine vision system	1972
19720071255	Static stability characteristics of the B-1 escape capsule at Mach numbers from 0.3 to 2.4	1972
19720071301	Optimal and adaptive receiving antennas: A review	1972
19720071338	Comparison of pre-smoothing, exponential smoothing, and Kalman filtering applied to several methods of target motion analysis	1972
19720071348	Low work function photocathode	1972
19720071356	Maintainability demonstration inspection plan BQM-34E missile target system	1972
19720071357	Twelve input binary, enhanced-zero, pulse amplitude modulation commutator decommutator	1972
19720071361	Separation characteristics of the ASP dispenser munition from the F-4C aircraft at Mach numbers from 0.66 to 1.20	1972
19720071364	Production quality assurance testing of a Minuteman 3 LGM-30G stage 2 rocket motor at simulated pressure altitude motor S/N PQA6-53	1972
19720071367	Measurement of the total structural mobility matrix, phase 2	1972
19720071369	Planar coax air-to-surface missile computer, volume 1	1972
19720071370	Planar coax air-to-surface missile computer, volume 2	1972
19720071389	Comparison test results for polarization-discrimination and conventional underwater television systems	1972
19720071391	Analysis of the electromagnetic compatibility of a proposed deployment of AN/TPN-19 radars at McGuire AFB, New Jersey	1972
19720071394	P-3C aluminum launch container with C-MM12697 obturator compatibility test program	1972
19720071396	Development of shipboard electrical cables with compacted-strand, copper-clad aluminum conductors	1972
19720071397	First article testing of aircraft approach control AN/SPN-41	1972
19720071412	Observations of the influence of (I squared) R heating of the extended electrode on the mechanical properties and explosion bulge performance of H-80 steel weldments	1972
19720071417	Measurement system and cable performance in the frequency range 4 to 8 gigahertz	1972
19720071419	Long range transport and diffusion experiment	1972
19720071420	A procedure for the design of complex distortion screen patterns for producing specified steady-state total pressure profiles at the inlet of turbine engines	1972
19720071421	Comparison of advanced underwater television systems	1972
19720071426	Development of modifications to radar range calibrator AN/USM-115A	1972
19720071428	Special personnel requirements for Navy hydrofoil operation and maintenance	1972
19720071433	Chaparral comparison test	1972
19720071439	Lunar electric field detector	1972
19720071443	Examination of failed distiller air-ejector condenser tubes	1972
19720071444	Research in optical materials and structures for high-power lasers	1972
19720071466	Arctic surface effect vehicle program. The effects of an Arctic environment on a gas turbine engine	1972
19720071468	First article testing of Spectrum Analyzer TS-1379B/U	1972
19720071469	Development of low power tuning modification for antenna coupler groups AN/SRA-56, 57, and 58	1972
19720071470	ARPA-Arctic surface effects vehicle program	1972
19720071488	Intra-vehicle electromagnetic compatibility analysis. Part 3: Users' manual	1972
19720071504	Report of test on relays, electrical hermetically sealed, time delay, fixed, (electronic), SPST, 24 amperes (300 to 500 milliseconds)	1972
19720071513	Qualification of the AMF Electrosystems Division P/N MGH-182-100A, 750 VA, rotary inverter	1972
19720071514	System optimization	1972
19720071527	Sapphire filaments, part 2	1972
19720071528	Army aircraft protective structures designs. Report 7: Evaluation of thin-walled revetments	1972
19720071531	Incremental stretch forming	1972
19720071532	Testing for flare simulation study validation	1972
19720071534	Computer programs for underwater sound fields due to airborne sources	1972
19720071705	Aircraft structural fatigue life program (U)	1972
19720071914	Study of low gravity propellant transfer	1972
19720071916	Control power requirements of VTOL aircraft	1972
19720071917	Study of cavitating inducer instabilities	1972
19720071919	Space cell test program	1972
19720071920	France: Nuclear, missile, and space developments, no. 307	1972
19720071922	France: Nuclear, missile, and space developments, no. 306	1972
19720071923	Composite tanks with load sharing liners	1972
19720071927	Physiological and developmental changes resulting from reduced gravitational force with animals chronically adjusted to centrifugal fields	1972
19720071929	Investigations of finite amplitude sound waves	1972
19720071931	France: Nuclear, missile, and space developments, no. 304	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720071945	Evaluation of polyimide/glass fiber composites for construction of light weight pressure vessels for cryogenic propellants	1972
19720071946	Long life high reliability thermal control systems study	1972
19720071947	Master work package document	1972
19720071950	Noncontacting device to indicate deflection of turbopump internal rotating parts	1972
19720071951	Composite lines for space shuttle vehicle	1972
19720071953	Supersonic jet exhaust noise	1972
19720071956	Thermal performance of multilayer insulation	1972
19720072025	Boron arsenide and boron phosphide for high temperature and luminescent devices	1972
19720072042	Manufacturing process for RC networks	1972
19720072053	Evaluation of polyimide/glass fiber composites for construction of light weight pressure vessels for cryogenic propellants	1972
19720072132	Electronic frequency modulation of magnetrons	1972
19720072137	First article testing of radio set AN/PRC-41	1972
19720072145	High-frequency laser interferometer system calibrating vibration transducers for	1972
19720072156	Preliminary BMD software development for IBM DP systems. Volume 1: Research summary	1972
19720072157	Preliminary BMD software development for IBM systems. Volume 2: Preliminary BMD demonstrations	1972
19720072158	Preliminary BMD software development for IBM DP systems. Volume 3: Process development system user's guide	1972
19720072159	Preliminary BMD software development for IBM DP systems. Volume 4: Analyst language user's guide	1972
19720072160	Preliminary BMD software development for IBM DP systems. Volume 5: Uniprocessor/multiprocessor BMD operating systems	1972
19720072161	Preliminary BMD software development for IBM DP systems. Volume 6: Process development system logic description	1972
19720072162	Preliminary BMD software development for IBM DP systems. Volume 7: PHSD tactical process	1972
19720072163	Preliminary BMD software development for IBM DP systems. Volume 8: System modeling	1972
19720072164	Preliminary BMD software development for IBM DP systems. Volume 9: Post-PHSD tactical process	1972
19720072192	The model referenced adaptive control of an optical tracking publication	1972
19720072210	Minuteman environmental sled test no. 14. Quicklook report (Holloman AFB run no. 33Q-C8A)	1972
19720072212	Improvement of AN/ASA-16 tactical display unit	1972
19720072213	TF41-A-2 engine, thrust-power lever relationship	1972
19720072215	Field test report on test increment 425 second source compatibility test	1972
19720072222	Wind tunnel test of a model utilizing vectored thrust for in-flight maneuverability	1972
19720072231	Quarterly Progress Report, 1 October - 31December 1971	1972
19720072235	Manufacturing methods for high strength, high modulus glass fiber	1972
19720072236	Performance of various twin nozzle afterbody configurations of an air superiority fighter-type model at Mach numbers from 0.6 to 2.5	1972
19720072243	Operational test and evaluation for certification of the C-141 VER reduced interval in-trail formation for airdrop	1972
19720072244	Static test firing of Minuteman third stage operational motor S/N 0032918 LGM-30 operational shelf/service life program	1972
19720072246	Static test firing of Minuteman third stage operational motor S/N 003/058 LGM-30 surveillance program	1972
19720072247	Near field obstacle effects and phased array studies	1972
19720072251	Passive planar antenna comparisons and solid state design studies	1972
19720072257	Programmable tapped delay line	1972
19720072260	Propagation of 10.6 micrometers radiation in the atmosphere	1972
19720072278	Monitor of F-4B Project Beeline	1972
19720072280	Category 3 OT/E of modified aircrew smoke mask	1972
19720072281	Analysis of the flight characteristics of a 40-mm ringtail rocket	1972
19720072327	Fractographic analysis of forced draft blower first stage fan blades from the USS Knox DE-1052	1972
19720072328	Digital interface code converter	1972
19720072329	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard	1972
19720072336	Electron spectroscopy on thin films	1972
19720072337	Static test firing of LGM-30F Stage 1 rocket motor S/N 0012991 Minuteman surveillance program	1972
19720072338	Static test firing of LGM-30A Stage 1 rocket motor S/N 0011098 Minuteman surveillance program	1972
19720072339	HAPDAR program	1972
19720072341	Force tests on the B-1 bomber crew escape capsule in proximity to the parent fuselage with cold flow rocket plane simulation at Mach numbers 0.3 through 1.2 (Phases 2 and 3)	1972
19720072350	Acoustic test Report: Space test program flight P72-1	1972
19720072355	Formulation of highly concentrated drag-reducing fluids for naval ship applications	1972
19720072370	On the current situation of satellite geodesy	1972
19720072371	On the disturbance of the motion of invar pendulums by inhomogeneous magnetic fields	1972
19720072373	Edge guided-mode ferrite phase shifter development	1972
19720072394	Service test of C-5A aircraft (air movement)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072395	Burner 2 upper stage SESP flight P72-1 attitude control simulation test report	1972
19720072402	Aft fuselage stress analysis, volume 1	1972
19720072403	Aft fuselage stress analysis, volume 2	1972
19720072407	Reversion of a flexibilized epoxy resin during stockpile storage	1972
19720072409	Test data on the transonic aerodynamic characteristics of close coupled canards with varying position and deflection relative to a 25 deg swept wing	1972
19720072427	Vector model T-105-S FM telemetry transmitter spectrum utilization characteristics	1972
19720072428	Evaluation of the trash rocket concept	1972
19720072429	Applicability of HF aircraft radio equipments to shipboard systems	1972
19720072430	Engineering evaluation of the modified A-4 ram air turbine driven emergency generator	1972
19720072431	Navy evaluation of the vibration reducing mount (EWR 26685) for the T64--GE-6B engine in the CH-53A mine countermeasures helicopters	1972
19720072432	Reliability test report for redesigned flip-flop A and read amplifier circuit boards	1972
19720072433	Shelf/service life tests of Bermite Powder Company MXU-35/A igniter used on air-2A (Genie) rockets	1972
19720072434	Laser Tank Gunnery Trainer (LTGT), device 3A110, November - December 1971	1972
19720072435	Altitude qualification tests of a Pratt and Whitney Aircraft TF30-P-408 turbofan engine	1972
19720072437	The electronic science	1972
19720072439	Preliminary hardsite demonstration software specification	1972
19720072440	Handbook verification of preflight test procedures for the AN/APX-72 IFF transponder systems contained in DOD aims document no. 125	1972
19720072441	Investigation of electronically tuned YIG filters	1972
19720072444	Multipoint aerial refueling boom feasibility study	1972
19720072465	Effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 9: Assessing the quality of aluminum surface preparations	1972
19720072467	A 3 to 5 micron parametric oscillator	1972
19720072468	Aluminum camshaft bushing evaluation test Waukesha L1616 DSIN engine 250 hour test results	1972
19720072471	J52-P-408 engine evaluation, anti-icing tests	1972
19720072472	Test and evaluation of AN/APN-194(V) radar altimeter interchangeability with AN/APN-141 (V) radar altimeter	1972
19720072474	AGEH analog computer study	1972
19720072475	Algorithms for interceptor allocation in terminal defense	1972
19720072476	Attenuation of microwaves transmitted through the exhaust plumes of solid-propellant rocket motors operating in a simulated flight environment of Mach numbers 0.38, 2.0, and 3.0	1972
19720072478	Research on noise generation from large fan engines	1972
19720072479	Radiative transfer in realistic planetary atmospheres	1972
19720072480	Boron arsenide and boron phosphide for high temperature and luminescent devices	1972
19720072481	The determination and investigation of basic combustion phenomena related to aircraft engine-emitted pollutants	1972
19720072482	Robot computer problem solving system	1972
19720072483	A theoretical study of the remote sensing of water quality	1972
19720072484	Communication biophysics: The temporal structure of electrophysiological data	1972
19720072488	Versatile Avionic Shop Test (VAST) system AN/USM-247(5)	1972
19720072492	Development of the CB pressurized Pod system	1972
19720072503	Satellite antenna deployment: Test report, SESP flight P72-1	1972
19720072505	Proposal for wind model(s) for computer simulated approach and landing	1972
19720072536	Sonar technology analyses	1972
19720072539	Design studies of CFA using samarium cobalt magnets	1972
19720072542	Electron beam experiments on specialized heat shield composite materials	1972
19720072545	Annual product support report: Component improvement program for 1971, E-2A and C-2-A series aircraft propeller, model A6441FFN-248	1972
19720072546	Directional solidification of a sigma-prone cobalt alloy	1972
19720072558	The linear motor-corrective coefficients and perturbation torques of a linear induction motor at a discontinuous stator	1972
19720072560	Static test firing of Minuteman third stage Operational Motor S/N 0032958 LGM-30 operational shelf/service life	1972
19720072561	Static test firing of Minuteman third stage R/D motor S/N 0032339 LGM-30 operation shelf/service life	1972
19720072562	Computer code for analyzing the impact of Fuzing Upon System Effectiveness (ifuse)	1972
19720072564	Development of TWT power supply and modulator	1972
19720072570	Speed brake system for the BQM-34A target drone	1972
19720072572	Performance sensitivity analysis of a Kalman filter using adjoint functions	1972
19720072575	UHF transistors at high currents	1972
19720072581	TOW	1972
19720072582	Development of tail rod and piston seals for SSB(N) 3000 psi accumulators	1972
19720072586	Aspheric mirror figure monitor and alignment aid	1972
19720072588	Qualification of AMF Electrosystems Division, 250VA, Rotary inverter, P/N MGH-159-200A	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720072589	Qualification of General Electric solid state dc voltage regulator	1972
19720072590	Development and evaluation of a wet input spline concept for Sundstrand 40 AGD01 constant speed drive in the RA-5C airplane with J79-GE-10 engines	1972
19720072591	Engineering evaluation of disposable oil filter elements for Constant Speed Drives (CSD) on F-4, A-4, A-6, A-7, and S-2/E-1B type aircraft	1972
19720072593	Manufacturing process for RC networks	1972
19720072595	T53 product support and component improvement programs	1972
19720072597	Final Report	1972
19720072598	Military potential test of helicopter multifunction system (HELMS)	1972
19720072599	Environmental test report for test set simulator, AN/APM-245A	1972
19720072605	Test and evaluation of ground support Equipment (GSE) for propulsion systems	1972
19720072609	Thermal cracking of JP-5 jet fuel	1972
19720072613	On line R and D programming and budgeting. Volume 1: Main body	1972
19720072614	IR signal processing techniques	1972
19720072623	First article testing of solid-state oscilloscope OS-8/U (Contract N00600-71-C-0435)	1972
19720072626	A study of the preparation of optical thin films by sputtering methods	1972
19720072628	A study of the abrasive mats used on aircraft surfaces during maintenance operations, part 2	1972
19720072633	Rigid seat survival kit (RSSK-1b) evaluation	1972
19720072637	Electron probe analysis of second phase particles and solute segregation in high strength aluminum alloys	1972
19720072638	Laser terrain profile recorder system	1972
19720072702	Combat hunter Phases 2 and 4 (U)	1972
19720072724	Secure imagery transmission test: ROPEVAL 3-71 (U)	1972
19720072728	Track while-scan data processing investigation (U)	1972
19720072735	Service life listing and surveillance status of propulsion devices and auxiliary power systems, change 6 (U)	1972
19720072750	Linear laser sensor (U)	1972
19720072757	Altitude test measuring systems investigation and operating altitude limits evaluation of the WR19-A2 turbofan engine (U)	1972
19720072774	Quarterly compilation of abstracts on completed test, Experimental, and Development (TED) projects (U)	1972
19720072779	Analytical simulation of the flight characteristics and impact pattern of a dual-modetype magnus rotor submunition (U)	1972
19720072792	Tactical satellite communications Interim Operational Capability (TACSATCOM IOC) (U)	1972
19720072795	Preliminary personnel implications of the new shipboard satellite communications set AN/SSC-6 and AN/URC-61X radio communications subsystem (MASST) (U)	1972
19720072796	Preliminary results from an active infrared airborne imaging system (U)	1972
19720072825	Hostile Observation Satellite Study (HOSS) (U)	1972
19720072868	RAM for film and transpiration cooled material (U)	1972
19720072961	A proposal to study low frequency oscillations observed at ATS-1	1972
19720072975	Millimeter-wavelengths propagation studies	1972
19720072978	Study of deep flaws in weldments of aluminum and titanium	1972
19720072980	Noncontacting device to indicate deflection of turbopump internal rotating parts	1972
19720072986	Feed system instabilities	1972
19720072987	Study of low cost launch vehicle for automated missions	1972
19720072988	Space LOX vent system	1972
19720072992	Internal insulation system development	1972
19720072994	Investigation of superconducting interactions and amorphous semiconductors	1972
19720072998	Space vehicle integrated thermal protection/structural/meteoroid protection system	1972
19720072999	Semiannual Status Report, 1 July - 31 December 1971	1972
19720073001	Quarterly Report, 1 October - 31 December 1971	1972
19720073005	Evaluation of polyimide/glass fiber composites for construction of light weight pressure vessels for cryogenic propellants	1972
19720073006	Semiannual status report	1972
19720073008	Self evacuating multilayer insulation for space shuttle vehicles	1972
19720073010	Finite element shell instability analysis	1972
19720073012	NASA-Texas planetary program	1972
19720073016	Thermodynamic properties of interstitial elements in the refractory metals	1972
19720073018	Analysis of auroral particle fluxes	1972
19720073020	AID/NASA pilot project in technology transfer to a developing nation, Korea	1972
19720073023	Instabilities in fissioning plasmas as applied to the gas-core nuclear rocket engine	1972
19720073024	Laser system of extended range	1972
19720073025	Space shuttle auxiliary propulsion system design study	1972
19720073027	Monopropellant/bipropellant TCA	1972
19720073028	Liquid hydrogen turbopump rapid start program	1972
19720073029	Composite tanks with load sharing liners	1972
19720073032	Study of structural active cooling and heat sink systems for space shuttle	1972
19720073033	Space shuttle auxiliary propulsion (APS) valves	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073034	Status Report, 1 October 1971 - 31 January 1972	1972
19720073037	A unified metabolism detector for Mars: A new approach developed from research on extraterrestrial life detection by enzymatically induced exchange of O-18	1972
19720073039	Lunar soil properties and soil mechanics	1972
19720073041	Dynamics of cavitating cascades	1972
19720073044	A study of planetary meteorology	1972
19720073047	Non-destructive tests of regenerative chambers	1972
19720073048	Program for establishing longtime flight service performance of composite materials in the center wing structure of C-130 aircraft. Phase 1: Advanced development	1972
19720073049	Space cell test program	1972
19720073051	Sensitivity enhancement techniques for liquid droplet detection	1972
19720073056	General surveillance of sidewinder AIM-9D/G gas generator Mk 6 Mod 2	1972
19720073057	Experimental and theoretical investigation of plasma radiation	1972
19720073058	Research on spacecraft electrical power conversion	1972
19720073059	Topics in structural dynamics	1972
19720073060	Applications of NASA Science and Technology in Environmental Sciences	1972
19720073061	Structural and spectral studies of sunspots	1972
19720073063	The motion of a rigid body under random torques	1972
19720073064	Nonlinear and digital man-machine control systems modeling	1972
19720073066	Development of high temperature thermal shock resistant materials for arc tunnel insulative liner applications	1972
19720073070	Trace element analysis of mineral separates and determination of partition coefficients	1972
19720073071	Interaction of the solar wind with the moon and planets	1972
19720073072	Multidisciplinary research leading to utilization of extraterrestrial resources	1972
19720073078	OT and E of the KU-KA/MTI/HAT in the F-111 APQ-113/APQ-110 radars	1972
19720073080	Technical studies and interpretive support to the ARPA institutional research program	1972
19720073084	Ocean engineering	1972
19720073088	Static test firing of Minuteman first stage, LGM-30A operational motor S/N 0011076 operational shelf/service life program	1972
19720073105	Eglin Air Force Base VHF/UHF cosite analysis	1972
19720073106	Weldbond flight component design/manufacturing program	1972
19720073107	Acoustical characteristics of a viscoelastic material	1972
19720073112	Use of the conical shock tube for equipment qualification testing	1972
19720073126	Low cost, limited life turbine engine analysis	1972
19720073128	Developmental flight testing of the TF41-A-2 engine in the A-7E airplane high altitude compressor stall investigation	1972
19720073130	Improvement of titanium alloy ingots by solidification control	1972
19720073136	Examination of A-4 lycoming constant speed drive fluid	1972
19720073138	Minuteman missile ES-003 squib no-fire sensitivity test evaluation and qualification testing	1972
19720073148	Navy spin evaluation of the TA-4F airplane	1972
19720073152	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation systems	1972
19720073153	Payload effects follow-on study	1972
19720073154	An experimental investigation of single- and double-hinged leading-edge flaps on a model of an F-5A aircraft at transonic Mach numbers	1972
19720073155	Advanced space program analysis and planning	1972
19720073156	France: Nuclear, missile, and space developments, number 314	1972
19720073157	A solid state converter for measurement of aircraft noise and sonic boom	1972
19720073162	Exploratory development on advanced fluids and lubricants in extreme environments by mechanical characterization	1972
19720073167	Aerodynamic characteristics of a space shuttle booster with straight wing and horizontal tail (Mach .26 to 2.0)	1972
19720073168	Flight measurements of range utilizing the Ames precision range system and the advanced range and orbit determination system	1972
19720073175	Advanced CMOS circuit techniques	1972
19720073178	Study program to determine the odor intensity of gas turbine engine exhaust gases and to identify the chemical compounds which contribute to the odor	1972
19720073180	Conic model CTL-605 FM telemetry transmitter spectrum utilization characteristics	1972
19720073183	Design study of advanced underwater optical imaging systems	1972
19720073184	Preliminary determination of reliability for the Mark 14 arresting gear	1972
19720073187	Fundamental investigation of stress corrosion cracking	1972
19720073188	Self evacuating multilayer insulation for space shuttle vehicles	1972
19720073189	Property determination of sprayed coatings	1972
19720073190	Advanced techniques for determining long-term compatibility of materials with propellants	1972
19720073191	Internal insulation system development	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073192	Apollo EMU garment program	1972
19720073193	Report on the operations of the Environmental Data Collection and Processing Facility (EDCPF)	1972
19720073194	Application of the display data generator	1972
19720073195	Test results of the Lockheed Palo Alto Research Laboratory experimental underwater acoustic imaging system	1972
19720073197	TF34-GE-2 engine qualification. Overtemperature demonstration	1972
19720073199	High speed Morse telegraph terminal	1972
19720073200	Establishment of a plasma melting manufacturing process for production of nickel-base alloys	1972
19720073201	Single crystal orthoferrites for memory applications	1972
19720073202	Flight test of the F-15 inertial navigation set	1972
19720073203	Hydrolytic stability of encapsulants	1972
19720073205	Mechanical shake test on an SK-5 air-cushion vehicle	1972
19720073206	Broadband near-infrared laser detector	1972
19720073213	Technical presentations: Power generation/distribution research and development, calendar year 1971	1972
19720073215	Exobiology and the origin of life	1972
19720073216	Experiment definition study for a multichannel EUV and X-ray spectroheliograph for the Orbiting Solar Observatory J spacecraft	1972
19720073217	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle	1972
19720073218	Investigation and study on three cents per bit removable media read-only memory	1972
19720073219	Electromagnetic compatibility analysis of low frequency radio beacon set AN/TRN-30	1972
19720073222	Static stability and control characteristics of the BQM-34F aerial target with large wing-tip pods at transonic Mach numbers	1972
19720073223	F-106 combined protoproof test	1972
19720073224	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the F-8 airplane	1972
19720073226	Improved shroud silo overpressure test	1972
19720073227	Advanced electron device technology	1972
19720073229	OT/E of ANADS support equipment	1972
19720073231	High quantum efficiency silicon photocathodes and TSEM layers	1972
19720073232	F-4B/J Dogfight improvement investigations and evaluations (prototype visor-projected-reticle VTAS helmet evaluation)	1972
19720073233	Serviceability test of M50A1 igniter, AIM-4A/D missile	1972
19720073234	Loss of normal lubrication in US Army helicopter transmissions	1972
19720073240	Flight test, modification, and analysis of the variable stability system in NF-8D BUNO 147041	1972
19720073241	Compatibility test of the Mk 82 laser guided bomb on the F-4C/D aircraft Seek Eagle	1972
19720073243	AN/MPS-36 radar modeling and computer simulation	1972
19720073244	Static test firing of LGM-30B stage 1 rocket motor S/N 0012097 Minuteman surveillance program	1972
19720073245	Effects of simulated jet exhaust on the drag, stability, and control characteristics of a B-10.036-scale model at Mach numbers from 0.55 to 2.2	1972
19720073248	Production engineering measure of a very current high speed pulser silicon controlled rectifier	1972
19720073249	Design optimization of continuous-flow condensation nuclei counters	1972
19720073261	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors	1972
19720073262	Translocation by navigation satellite	1972
19720073263	Sampling tests of one, type MS90365-2, nickel-cadmium aircraft battery manufactured by Marathon Battery Company	1972
19720073267	Thermal performance of multilayer insulation	1972
19720073269	Research in space related areas in engineering and applied science	1972
19720073280	Ceramic: Metal brazes for use at 1100 C (U)	1972
19720073281	Development of a thermionic reactor space power system (U)	1972
19720073284	Property determination of sprayed coatings	1972
19720073290	Problems affecting the fidelity of pressure measuring instruments for planetary probes	1972
19720073291	Study of rotor blade-vortex interaction	1972
19720073298	Launch vehicle estimating factors for advance mission planning	1972
19720073300	Moving target video processor instruction manual	1972
19720073301	Investigation of the effect of metallurgical structure and properties on the adhesion and friction behavior of colbalt alloys	1972
19720073302	Coupling reactions of naphthalene and acenaphthene	1972
19720073303	Guidelines for fabricating power hybrid microcircuits	1972
19720073304	Research on turbojet combustor pollutant formation	1972
19720073308	The effect of particle and fluid properties on the pressure drop and heat transfer coefficient of a dilute flowing gas-solid suspension	1972
19720073309	Ionospheric cyclotron harmonic resonances and surface waves on antennas in plasma	1972
19720073317	Aerodynamic stability and control characteristics of the MSC 040-A orbiter with variations of body, wing, vertical tail and canopy (M equals 0.6 to 2.0)	1972
19720073323	Advanced space program analysis and planning	1972
19720073324	Biomedical technology transfer: Applications of NASA science and technology	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073325	Payload effects follow-on study	1972
19720073326	Metal tank fracture and design criteria	1972
19720073339	Semiannual Progress Report, 1 June - 1 December 1971	1972
19720073347	Basic research in meteorology and atmospheric physics	1972
19720073348	Semiannual status report, 1 July - 31 December 1971	1972
19720073349	Research at the Stanford Center for Radar Astronomy	1972
19720073350	Research on mechanisms of alloy strengthening	1972
19720073351	Development of high temperature materials for solid propellant rocket nozzle applications	1972
19720073359	Effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 8: Adhesive bonding of titanium	1972
19720073361	Static firing of R and D test motor, LGM-30B S/N STM-025	1972
19720073363	Ground target signature modeling for artificial sources	1972
19720073366	Integrated circuit process development	1972
19720073367	Power supplies for parallel operation of TWT's	1972
19720073387	Environmental diving suits	1972
19720073399	Emergency egress from ships' compartments. Phase 3: Installation and evaluation of a directional marking system and lighting system	1972
19720073400	Production engineering measure for avalanche transit time amplifier (PEM for ADA)	1972
19720073402	Environmental Vibration Recorder (EVR) instruction manual	1972
19720073403	High speed logic for video and radar processing	1972
19720073410	Study of AIMS interface improvements	1972
19720073413	AN/SPH-2 (RAVIR Mod 3) portion of conduct a concurrent evaluation of the ASMD (Anti-Ship Missile Defense) near term program equipments	1972
19720073414	Compatibility testing and handbook verification of ground support equipment for the AN/APX-72 IFF transponder system of the AHJ helicopter	1972
19720073415	Avionic support equipment: Test, evaluation and verification	1972
19720073416	Field service test and evaluation of ground support equipment associated with general purpose aircraft handling, servicing, and maintenance and armament handling and packaging	1972
19720073418	CONUS/Canada AECO AUTOVON EMP-hardness-certification program	1972
19720073420	Evaluation and characterization of binder constituents	1972
19720073426	Investigation and qualification test of OECO, 1 ampere, single phase converter	1972
19720073432	Reception of sanguine test transmission, 1970	1972
19720073433	Development of seal material for oxygen systems	1972
19720073449	Microwave power transistors for pulse operation	1972
19720073468	Strategy synthesis in aerial dogfight game models	1972
19720073469	France: Nuclear, missile, and space developments, no. 313	1972
19720073472	Development of a method for fabricating metallic matrix composite shapes by a continuous mechanical process	1972
19720073473	Fluid dynamics aspects of cardiovascular behavior during vibration	1972
19720073474	Development of techniques and instrumentation for the nondestructive evaluation of multi-layer insulation	1972
19720073475	Vaporization response of evaporating drops with finite thermal conductivity	1972
19720073500	An investigation of separate surface stability augmentation systems for general aviation aircraft	1972
19720073503	Evaluation of TFE lined bearings for use in air vehicle wing pivot systems	1972
19720073504	Stabilization for pavements	1972
19720073506	Extension of a thrust chamber compatibility model	1972
19720073509	Capacitors, fixed, plastic (or paper-plastic) dielectric hermetically sealed in glass cases, MIL-C-19978 and MIL-C-19978/2A	1972
19720073511	Chemical laser mode control program	1972
19720073515	Pacific manual gate valve, 10 inch, extended bonnet, NASA P/N 75M14522-LGV -11	1972
19720073519	Space vehicle integrated thermal protection/structural/meteoroid protection system	1972
19720073536	Airworthiness evaluation UH-1C-XM156/Hornet missile system	1972
19720073538	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors	1972
19720073539	An air-to-surface missile impact model for application in anti-air warfare gaming	1972
19720073540	MQM-74A (Chukar) target drones: Production monitoring tests	1972
19720073541	Study of advanced techniques for determining the long term reliability of components	1972
19720073542	Characteristics of a gelled liquid hydrogen polyphenylene oxide (PPO) foam open cell insulation system	1972
19720073543	Study and development of a cryogenic heat exchanger for life support systems	1972
19720073544	Basic research in meteorology and atmospheric physics	1972
19720073545	Nondestructive tests of regenerative chambers	1972
19720073547	SERL Technical Journal, February 1972, volume 22, no. 1	1972
19720073548	High quality varactor diodes for double diode parametric amplifiers with high idler frequencies	1972
19720073549	Low noise, room temperature, wide band parametric amplifiers	1972
19720073550	Q-band GaAs Impatt diodes by a copper-bonding technology	1972
19720073551	Design considerations for resonant traveling wave Impatt oscillators	1972
19720073552	A wide band high power long slot traveling wave tube	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073553	Matrix-addressed liquid crystal displays	1972
19720073557	TF34-GE-2 engine qualification: Sea level anti-icing test	1972
19720073558	Mobile RAPCON squadron evaluation, RAF Lakenheath, England, 21-25 January 1972	1972
19720073559	Research investigations in Naval attack aircraft system design. Investigation of the interrelations of aircraft design constraints and system reliability	1972
19720073560	Aims fast rise time study	1972
19720073561	Development of a plastic case	1972
19720073564	Considerations of Forward Looking Infrared (FLIR) optics	1972
19720073565	Shipboard electrical bus impedance measurement using the three voltmeter method	1972
19720073566	Linear integrated electronic arrays	1972
19720073567	Interflight Command Validity (ICV) test	1972
19720073569	Production engineering measure final power output traveling wave tube	1972
19720073570	Experimental optical polarizer for underwater use	1972
19720073571	Static stability characteristics of 60- and 80-mm mortar projectiles at Mach numbers from 1.0 to 1.2	1972
19720073574	F-105G pitot-static system calibration, central air data computer and aims system tests	1972
19720073575	Evaluation of visual augmentation systems for aerial targets	1972
19720073576	Broadband and small aperture antennas	1972
19720073577	Co-site analysis of AN/TPS-43 and AN/TPS-44 interference to communication equipment	1972
19720073578	Test and evaluation of A/M32K-5(V) munitions handling set (AERO 23EX)	1972
19720073580	Generation of water surface waves by multiple explosions	1972
19720073585	Power transients tests for the P-3C airplane	1972
19720073586	Reduction to apply to gravity measurements when the terrain configuration in the immediate vicinity of the station can be schematized with that of a plane of known slope	1972
19720073588	Ocean Acre: Dimensions and characteristics of the sampling site and adjacent areas	1972
19720073591	Integrated target control system AN/USW-3-(XN-1) (V)	1972
19720073593	Carrier aircraft approach slope visibility transmissometer using laser Raman backscattering	1972
19720073594	Basic circuit modules	1972
19720073595	Integrated circuit/message switch feasibility model development, test and evaluation, volume 1	1972
19720073596	Integrated circuit/message switch feasibility model development, test and evaluation. Volume 2: Appendices	1972
19720073597	Study of deep flaws in weldments of aluminum and titanium	1972
19720073598	Characteristics of a gelled liquid hydrogen polyphenylene oxide (PPO) foam open cell insulation system	1972
19720073599	Empirical evaluation of pump inlet compliance	1972
19720073600	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle	1972
19720073609	Semiannual Status Report, 1 October 1971 -31 March 1972	1972
19720073610	Investigation of structure-property relationships in systematic series of novel polymers: Thermomechanical and thermogravimetric analyses of systematic series of polyimides	1972
19720073611	Semiannual Progress Report, 1 October 1971 - 1 April 1972	1972
19720073612	An investigation of planform and aeroelastic effects on aerodynamic center, alpha and q stability derivatives	1972
19720073613	Status report for 1 July 1971 - 31 March 1972	1972
19720073614	Progress report for quarter ending 31 March 1972	1972
19720073615	Theoretical and experimental studies in ultraviolet solar physics	1972
19720073616	Semiannual status report for 1 August 1971 - 31 January 1972	1972
19720073617	Fluid dynamic and heat transfer problems of modern air breathing propulsive systems	1972
19720073619	Internal insulation system development	1972
19720073621	High altitude radiation measurements	1972
19720073622	The influence of temperature on fatigue-crack growth	1972
19720073623	A study to assess the nature and magnitude of economic benefits of advances in meteorology	1972
19720073624	Design, manufacture, development, test, and evaluation of boron/aluminum structural components for space shuttle	1972
19720073625	Status Report, 22 November 1971 - 27 April 1972	1972
19720073626	Development of unique wet tantalum slug, tantalum cased computer	1972
19720073628	Study of advanced techniques for determining the long term performance of components	1972
19720073629	Cycle testing of graphite filament-wound pressure vessels	1972
19720073630	Monolithic catalyst beds for hydrazine reactors follow-on contract	1972
19720073631	Space shuttle auxiliary propulsion (APS) valves	1972
19720073633	Contamination avoidance devices for poppet type shutoff valves	1972
19720073635	Investigation of propellant flow control system	1972
19720073637	Composite tanks with load sharing liners	1972
19720073639	Investigation of propellant flow control system	1972
19720073640	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation systems	1972
19720073641	France: Nuclear, missile, and space developments, No. 309	1972
19720073642	Monolithic catalyst beds for hydrazine reactors follow-on contract	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073643	Study of structural active cooling and heat sink systems for space shuttle	1972
19720073645	Monopropellant/bipropellant TCA	1972
19720073646	Effect of environment on insulation materials	1972
19720073647	Property determination of sprayed coatings	1972
19720073659	Leakage of grove relief valve, P/N 10900122, industrial water system	1972
19720073664	Supersonic jet exhaust noise	1972
19720073665	Space shuttle auxiliary propulsion (APS) valves	1972
19720073666	Investigation of propellant flow control system	1972
19720073667	Empirical evaluation of pump inlet compliance	1972
19720073668	Space shuttle Attitude Control System (ACS) thruster penetration heating	1972
19720073669	Study of multilayered insulation pipe penetration	1972
19720073670	An analytical study for the design of advanced rotor airfoils	1972
19720073671	A study of the heat transfer characteristics of a PCM thermal capacitor	1972
19720073672	Monopropellant/bipropellant TCA	1972
19720073675	Advanced solid state multispectral image system	1972
19720073676	France: Nuclear, missile, and space developments, No. 315	1972
19720073682	Plasma processes and scaling parameters in electron bombardment ion engines	1972
19720073693	Composite reinforced propellant tanks	1972
19720073694	Apollo guidance and navigation system job description cards	1972
19720073696	France: Nuclear, missile, and space developments no. 312	1972
19720073697	Isotopic abundances and energy spectra of inner-belt particles	1972
19720073701	Information Processing Division digital data interface standards for the NETWORK, revision 1	1972
19720073702	Search for XUV radiation from celestial objects on the OSO-J mission	1972
19720073703	Research study to determine critical optical/mechanical properties of materials considered for selection as substrate for the primary mirror on a large telescope	1972
19720073704	Wyoming SAM (Stratospheric Aerosol Monitor) OSO-J experiment definition study	1972
19720073705	STDN network operations procedures for timing systems, volume 1,	1972
19720073706	National Aeronautics and Space Administration space cell test	1972
19720073707	Composite lines for space shuttle vehicle	1972
19720073708	Internal insulation system development	1972
19720073709	Study and development of a cryogenic heat exchanger for life support systems	1972
19720073711	Study of deep flaws in weldments of aluminum and titanium	1972
19720073712	Composite reinforced propellant tanks	1972
19720073713	Study of cavitating inducer instabilities	1972
19720073715	An organic fiber/epoxy filament wound vessel for cryogenic propellants	1972
19720073716	Digital data communication link study	1972
19720073717	Study of advanced techniques for determining the long term performance of components	1972
19720073718	Space LOX vent system	1972
19720073719	Design, manufacture and check-out testing of an evaporator for vacuum distillation	1972
19720073720	The effect of residual stress on performance of high temperature coatings	1972
19720073722	Experiment definition study for the solar X-ray (3-60 A) imaging-spectrometer system for the OSO-J pointed section. Volume 1: Scientific aspects of the experiment	1972
19720073723	Experiment definition study for the solar X-ray (3-60 A) imaging-spectrometer system for the OSO-J pointed section. Volume 2: Engineering implementation of the experiment	1972
19720073728	J57 Product support program	1972
19720073733	Navy distillate fuel program Detroit diesel engine (3-71N)	1972
19720073736	Terminal discrimination development program bulk filter development. Phase 1: Concept definition	1972
19720073741	Rugged lightweight cables and cords	1972
19720073763	Chemical Propulsion Newsletter (U)	1972
19720073806	Air induction systems for future fighters/ interceptors. Phase 1: Short subsonic diffuser development, volume 1 (U)	1972
19720073808	Research on natural and ferromagnetic nonlinearities, volume 2 (U)	1972
19720073812	Collision and Obstacle/Terrain Avoidance Warning System (COTAWS) multifunction sensor study (U)	1972
19720073813	Ramburner structural materials technology program, volume 1 (U)	1972
19720073822	Thermally stable burning rate accelerators (U)	1972
19720073829	Planar InSb detector array (U)	1972
19720073830	Infrared image test program: Variable analysis (U)	1972
19720073831	Air-augmented hybrid target missile, phase 3 (U)	1972
19720073835	Aluminum hydride propellant shelflife (U)	1972
19720073836	Development of traveling wave mixer devices for frequency conversion (U)	1972
19720073843	Low shear mixing (U)	1972
19720073847	MINIMAGID: A magnetic surveillance sensor (U)	1972
19720073851	Radar set AN/TPS-58 (RATAC) (ENSURE 332S) (U)	1972
19720073852	TRACE helicopter test program (U)	1972
19720073855	AGM-65A category 2 flight test program (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720073858	Adaptive antenna arrays: An open-loop sidelobe canceller (U)	1972
19720073869	The high speed towing of submerged objects (U)	1972
19720073876	Development of traveling-wave mixer devices for frequency conversion (U)	1972
19720073895	Modified advanced forward looking infrared (MAFLIR) system integration and test program (U)	1972
19720073897	Manufacturing methods and technology measure for 18 MM gateable microchannel plates (U)	1972
19720073904	Air combat maneuvering test and evaluation program (U)	1972
19720073931	Arc-jet simulation of reentry boundary layer effects on a laser rangefinder (U)	1972
19720074014	F-1 for ballistic recoverable space shuttle booster, volume 1	1972
19720074015	F-1 for ballistic recoverable space shuttle booster, volume 2	1972
19720074023	Space shuttle auxiliary propellant valves	1972
19720074024	Saturn 5 launch vehicle catalog of tests and operations AS-504 and subsequent	1972
19720074025	Launch vehicle catalog of tests and operations	1972
19720074026	Launch vehicle catalog of tests and operations. Book 3: V-30000-V-39999	1972
19720074027	Ionospheric research	1972
19720074029	Space vehicle integrated thermal protection/structural/meteoroid protection system	1972
19720074033	Apollo guidance and navigation system job description cards	1972
19720074034	Aerodynamic characteristics of a space shuttle booster with an expendable second stage and various payloads (M equals 0.6 to 2.0), March 1971 tests	1972
19720074035	Study of low frequency hydromagnetic waves using ATS-1 data	1972
19720074047	Progress Report 1 September 1971 - 29 February 1972	1972
19720074075	UH-1N category 2 propulsion system evaluation	1972
19720074076	Highly dispersive acoustic filter study	1972
19720074077	Qualification testing of aircraft external power cable Types AN2551, AN3430, and MS25488 manufactured by General Cable Corporation	1972
19720074078	Studies on electrochemical enzyme alarm system for detection of chemical agents	1972
19720074079	Reliable Advanced Solid-State Radar (RASSR)	1972
19720074080	Static test firing of Minuteman third stage operational motor S/N 0032011 LGM-30 operational shelf/service life program	1972
19720074098	R. F. propagation for sensor operations	1972
19720074106	Product improvement of P-3C software/hardware final report on evaluation of the unencrypted data link system of the P-3C airplane	1972
19720074107	C-123K assault landing performance tests with flaps limited to 50 deg	1972
19720074108	Stabilization of deep soil layers	1972
19720074109	Three micron laser window absorption measurements	1972
19720074110	An investigation of parameters for optimizing sensitivity in strain measurements using metallic strain gages over long lines	1972
19720074113	Improvements to a computer program for optimizing a 3-dimensional engagement between a surface-to-air missile and tactical aircraft	1972
19720074114	Emission of volatiles from electrical insulation materials used in nuclear submarines	1972
19720074115	Concerning logic circuits	1972
19720074118	Military application of CINDA	1972
19720074121	Improved shroud rocket nozzle cover removal test	1972
19720074122	Modular analysis of electronic systems	1972
19720074123	Microwave and EPR characteristics of chemical laser systems	1972
19720074126	Cartographic projections	1972
19720074127	The use of polymer film blisters in a diffusional air sampler	1972
19720074134	Evaluation of pulse charger manufactured by Christie Electric Corporation	1972
19720074137	Evaluation of Versatile Avionics Shop Test (VAST) AN/USM-335 (V)	1972
19720074143	LORAN C/D airborne navigation subsystem contract definition	1972
19720074144	MAU-12 C/A electromagnetic impulse emission test	1972
19720074146	Qualification of AMF Electrosystems Division, P/N MGE-23-400a2500VA, 3/1 phase, rotary inverter	1972
19720074149	Segmented ND glass laser	1972
19720074151	Plates on elastic foundations under static and dynamic loading. volume 3: Impact on plates on elastic foundation	1972
19720074153	Space environment monitoring (SEM), volume 3	1972
19720074155	Calibration of underwater sound transducers in the frequency range 75 kHz to 2 MHz	1972
19720074157	Widebans VHF-UHF antenna systems for communication satellites	1972
19720074159	Noise loading technique for testing pulse-amplitude-modulated receiving system technique provides numerical value for nonreturn-to-zero system	1972
19720074171	Apollo 15: LM-10 ascent propulsion system final flight evaluation	1972
19720074173	Cycle testing of graphite filament-wound pressure vessels	1972
19720074174	Studies of lunar and planetary surfaces and atmospheres	1972
19720074180	Manufacturing methods and technology measure for standard battery cases	1972
19720074181	Hydrolytic stability of Baker no. 65 conformal coating compound	1972
19720074184	The homogeneous thermal dissociation of formaldehyde	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074199	The addition of random supplies and transfer function capabilities to SCEPTRE	1972
19720074202	Cathodic protection and galvanic studies of aluminum alloys used in hydrofoil craft	1972
19720074204	P7 and P-7-2 (T-62T-11 and T-62T-27) product support program	1972
19720074206	Error of Ships Inertial Navigation System (SINS) detected and eliminated by N fixes: A method to insure a more accurate reset of SINS	1972
19720074209	Integrated low noise broadband microwave amplifier, 1-6 GHz	1972
19720074210	Laser Ranging and Tracking System (LRTS) White Sands Missile Range (WSMR), White Sands Missile Range, New Mexico, November 1971	1972
19720074213	Investigation of relationship between ring time and cavity Q of echo box test set TS-311B/UP	1972
19720074214	A dual-band array antenna	1972
19720074215	Radiation effects on satellite crystal oscillators	1972
19720074218	ALR-45 amplifier-detector redesign	1972
19720074222	On the derivation of geocentric coordinates by the methods of dynamic satellite geodesy	1972
19720074226	MOS threshold logic	1972
19720074228	Perforated metallic shells for radome applications	1972
19720074230	Feasibility study for design of airborne cable telemetry system with many sonar signals of same frequency	1972
19720074231	AWADS radar antenna stabilization	1972
19720074232	SUU-21/A film canister certification	1972
19720074233	Systems research for radar, ECM and communications systems	1972
19720074234	Semiannual Status Report	1972
19720074235	Research reports and publications in space science	1972
19720074236	Analysis and synthesis of distributed-lumped-active networks by digital computer	1972
19720074237	France: Nuclear, missile, and space developments, number 311	1972
19720074238	France: Nuclear, missile, and space developments no. 310	1972
19720074240	Failure analysis of roll pin P/N NAS 561-C16-24	1972
19720074242	CVD Developments	1972
19720074243	Charge coupled MOS integrated circuits	1972
19720074244	Non-reciprocal effects using elastic surface waves	1972
19720074247	ANSSR flight test program. Volume 1: Technical report	1972
19720074248	ANSSR flight test program. Volume 2: Appendix	1972
19720074251	F-4D field experience: Maintenance. Part 1, volume 1: Aircraft basic	1972
19720074252	F-4D field experience: Reliability. Part 2, volume 1: Aircraft basic	1972
19720074253	F-4D field experience: Maintenance. Part 1, volume 2: Power plant	1972
19720074254	F-4D field experience: Reliability. Part 2, volume 2: Power plant	1972
19720074255	F-4D field experience: Maintenance. Part 1, volume 3: Utilities	1972
19720074256	F-4D field experience: Reliability. Part 2, volume 3: Utilities	1972
19720074257	F-4D field experience: Maintenance. Part 1, volume 4: Instruments	1972
19720074258	F-4D field experience: Reliability. Part 2, volume 4: Instruments	1972
19720074259	F-4D field experience: Maintenance. Part 1, volume 5: Navigation	1972
19720074260	F-4D field experience: Reliability. Part 2, volume 5: Navigation	1972
19720074261	F-4D field experience: Maintenance. Part 1, volume 6: System data summary	1972
19720074262	F-4D field experience, reliability. Part 2, volume 6: System data summary	1972
19720074263	F-4D field experience. Part 4: Summary	1972
19720074264	Plates on elastic foundations under static and dynamic loading. Volume 1: Static analysis of plates on generalized elastic foundation	1972
19720074265	Plates on elastic foundations under static and dynamic loading. Volume 2: Traveling loads on elastic foundation	1972
19720074284	Neutrally buoyant floats, serial nos. 140-160, March - April 1964	1972
19720074290	Unifilar sources and the source approximation problem	1972
19720074298	Space vehicle integrated thermal protection/structural/ meteoroid protection system	1972
19720074299	Application of the finite element method to filamentary composite plates for purposes of structural design	1972
19720074300	NASA-Texas planetary program	1972
19720074301	Thermal performance of multilayer insulation	1972
19720074304	Progress Report, March 1972	1972
19720074306	Investigation of cryogenic rupture disc design	1972
19720074313	Biomedical technology transfer: Applications of NASA science and technology	1972
19720074314	A program of high resolution X-ray astronomy using sounding rockets	1972
19720074333	Research on turbojet combustor pollutant formation	1972
19720074334	Augmentor wing jet STOL research aircraft digital simulation model	1972
19720074335	Liquid hydrogen turbopump rapid start program	1972
19720074337	Space shuttle Attitude Control System (ACS) thruster penetration heating	1972
19720074339	SADFRAD processor operators manual	1972
19720074342	J75/JT4 product support program	1972
19720074344	A flexible simulation model of multiechelon supply. Volume 1: Description and operating instructions	1972
19720074346	ABRES density variations	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074347	Design and construction of a shock signal integrator	1972
19720074348	Reliability testing of radar set AN/PPS-17(XN-1)	1972
19720074349	Investigation of heat pipe technology for naval applications	1972
19720074353	USM speed 21-69 (wrist compasses)	1972
19720074354	Evaluation of toxic hazards in M113 armored personnel carriers resulting from extinguishing gasoline fueled fires using automated Halon 1301 extinguishers (ENSURE project no. 246)	1972
19720074355	Aerodynamic characteristics of several modified ringtail missile configurations at Mach numbers from 0.5 to 1.3	1972
19720074356	Human engineering study of integrated catapult control station consoles	1972
19720074357	Production engineering measure for VHF fundamental mode crystal blanks	1972
19720074359	HGU-20/P helmet	1972
19720074360	Production engineering for growth of synthetic calcite polarizer material	1972
19720074361	Effects of a simulated plume and booster separation on the static stability of the ACTION missile at Mach numbers from 0.3 to 1.3	1972
19720074367	Continuous monitor for chemical protective devices	1972
19720074369	LPH-11 class low pressure turbine seventh stage blade vibration test	1972
19720074371	Compatibility test of the B37K-1 rack with Mk 24 or LUU-2/B flares on the OV-10 aircraft (SEEK EAGLE)	1972
19720074372	Field X-ray diffractometer for surface stress determinations in naval structures	1972
19720074373	Bomb blast illumination test (MK 84 and M118)	1972
19720074374	Dupont Dylux model 300 contact printer, Dylux 204 quick-print film, and Dylux 503/515 paper	1972
19720074375	TF34-GE-2 engine components qualification. Main fuel control and flow distributor sustained acceleration tests	1972
19720074376	Production engineering measure solid encapsulated semiconductor devices	1972
19720074384	HF and VHF antenna coupling and impedance measurements	1972
19720074385	Verification testing of Audio Level Meter ME-2A/U	1972
19720074387	Small-signal amplification	1972
19720074388	Limited performance and minimum control speed evaluation of a C-119K with Hamilton Standard three-blade propellers	1972
19720074389	Complex chalcogenides as solid film lubricant additives	1972
19720074390	Impedance characterization of Gunn-effect diode packages at X-band frequencies	1972
19720074392	Installation and special testing of a communications system utilizing radio set AN/ARC-138 aboard the USS John F. Kennedy (CVA-67)	1972
19720074393	Phase 1 flight tests of the VDA (Versatile Drone Autopilot) in XBOM-34E	1972
19720074394	A simple analytical model for an air-to-air guided missile for rapid flight simulation	1972
19720074395	Engineering evaluation of Bendix Corporation P/N 39B169-1A, 1000 VA, single phase, static inverter	1972
19720074406	Determination of advanced missile defense data processing requirements. Volume 2: ADVDP-MW simulator overview	1972
19720074407	Determination of advanced missile defense data processing requirements. Volume 3: ADVDP-MW simulator detailed description, part 1	1972
19720074420	Microelectronic luminescence devices	1972
19720074421	TF34-GE-2 engine qualification. Electrical, electronic interference and susceptibility test	1972
19720074422	TOW	1972
19720074423	Diffusion bonded titanium alloy hollow fan-disk	1972
19720074424	Planetary ball swaging of welded titanium alloy tubing	1972
19720074425	Test set, power supply-control panel AN/AAM-34	1972
19720074428	Quarterly progress report, 1 July - 30 September 1971	1972
19720074429	C-5 flight control report (aerospace vehicle) stability and control	1972
19720074430	Mechanical behavior of reinforced plastic backing materials for composite armor	1972
19720074435	Growth and characterization of thin film III-V ternary compounds for photocathodes	1972
19720074438	Fatigue endurance of adhesive bonded glass resin composites: Two-year progress report	1972
19720074439	Production engineering measure for solid-state avalanche photodetectors	1972
19720074442	Valve relief and shutoff fuel tank vent, missileborne (secondary valve)	1972
19720074444	TF34-GE-2 engine components qualification, excessive vapor demonstration	1972
19720074445	Notes on maximum entropy processing	1972
19720074449	Integrated circuits for high density memories	1972
19720074454	Analysis and preliminary design of airborne air liquefiers	1972
19720074455	The 42-GHz solid-state parametric amplifier pump	1972
19720074457	Mode 1 certification USS constellation (CVA-64)	1972
19720074459	Static-test firing of second-stage wing 6, Minuteman Motor 52PQA6-54	1972
19720074460	Data modem report (19.2 kbps)	1972
19720074463	Engineering test of UH-1H field unit subsystem of Synthetic Flight Training System (SFTS)	1972
19720074466	Digital equipment susceptibility	1972
19720074469	A flexible simulation model of multiechelon supply. Volume 2: program descriptions, flow charts, and listings	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074471	Properties of atmospheric cooling due to absorption of 10.6 micrometers radiation from high-power laser beams, March - September 1971	1972
19720074477	Reliable integrated wire termination devices	1972
19720074478	Investigation of rework problems and alternate repair procedures for the SPARROW 3 guided missile	1972
19720074482	Testing of the SAMSO/MIT radiometer in simulated orbital temperature and pressure environments	1972
19720074483	GEM capabilities	1972
19720074484	Solar emission data input requirements to support disturbances forecasting: SOLRAD applications study, tasks 3 and 4	1972
19720074486	AWADS high altitude airdrop	1972
19720074491	Machinery vibration measurements on SK-5	1972
19720074492	Load carrying capacity and friction loss studies of an experimental compliant thrust bearing	1972
19720074493	Evaluation of the AM37T/13Mobile Engine Test Stand (METS)	1972
19720074494	Compatibility tests of TF30-P-412 engine with Shaw Estes Test Facility utilizing engine adapter mounts and kit including an acoustical noise survey	1972
19720074496	Production engineering measure for integrated amplifier circuit XM596	1972
19720074499	Capability measures for system effectiveness	1972
19720074500	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1972
19720074501	Short pulse radar generator	1972
19720074504	Developmental flight testing of TF41-A-2 engine in the A-7E airplane automatic relight actuator investigation	1972
19720074505	Summary of selected worldwide temperatures in explosive hazard magazines	1972
19720074507	Evaluation of Versatile Avionics Shop Test (VAST) system AN/USM-335(V)	1972
19720074508	Flight test evaluation and calibration of AIMS Airborne ATRBS equipment in the EA-6B airplane	1972
19720074510	The motion and stability of a dual-spin satellite during the momentum wheel spin-up maneuver	1972
19720074511	Air blast loading test results on a prototype AN/WSC-2 antenna in the DASACON shock tube	1972
19720074512	Cost of determining geodetic position from doppler satellite observations	1972
19720074514	Hydrocarbon gel properties	1972
19720074515	Evaluation test of type 4000A1, 20 cell, nickel-cadmium battery manufactured by SAFT	1972
19720074516	J52 product support program	1972
19720074517	Phase X of the accelerated service test of the J79-GE-10 engine	1972
19720074518	J34 product support program	1972
19720074519	Improved performance of AC frequency controlled individual electric wheel drive system	1972
19720074520	Dynamic structural development test of the zero length wafer and Mod7W dust wafer, volume 1	1972
19720074521	Dynamic structural development test of the zero length wafer and Mod7W dust wafer, volume 2	1972
19720074522	Dynamic structural development test of the zero length wafer and MOD7W dust wafer, volume 3	1972
19720074523	PADD test set	1972
19720074524	Optimization of HTPB binder	1972
19720074525	A shock tube investigation of the loading and response of an experimental missile nose cone, volume 1	1972
19720074526	Aging and surveillance testing of a Minuteman LGM-30B Stage 3 motor at simulated pressure altitude (motor S/N0032059)	1972
19720074527	Aerodynamic characteristics of a full scale F-101 ejection seat with an anthropomorphic dummy at free-stream Mach numbers from 0.2 to 0.8	1972
19720074548	Suitability for use of US Air Force C-5A aircraft	1972
19720074549	Volute stabilization of cylindrical submunitions	1972
19720074550	Applied optics research	1972
19720074551	J48 product support program	1972
19720074552	TF33/JT3D product support program	1972
19720074553	TF30 product support program	1972
19720074554	Predicting dual chamber transient behavior	1972
19720074555	Report on ASCC test project agreements for high temperature performance of greases	1972
19720074556	P4-900 reversal diazo film	1972
19720074557	F-4 emergency power system improvement	1972
19720074564	SDV instrumentation package	1972
19720074567	Shipboard compatibility study of Walleye Mk 5 guided weapon on board aircraft carriers, CVA 42, 65, and 67	1972
19720074572	Simulation analysis of the TPN-19 precision approach radar landing system dynamics	1972
19720074575	High power MOS transistors	1972
19720074576	Epitaxial yttrium iron garnet films	1972
19720074577	Ion implantation in MOS integrated circuits	1972
19720074579	Study of o-band hybrid microwave integrated circuits	1972
19720074583	Failure mechanisms in MOS integrated logic circuits	1972
19720074584	Research and special projects report for 1971	1972
19720074585	The design and characterization of high frequency mos transistors	1972
19720074588	Monocon electron gun study	1972
19720074589	Further work on the determination of axis orientation of known spinning satellites by radar signature analysis	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074595	Composite lines for space shuttle vehicle	1972
19720074597	Solar cell radiation damage experiment	1972
19720074598	Manned space flight network study program, July - September 1971	1972
19720074599	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle	1972
19720074606	Aerodynamic characteristics of a delta-wing orbiter and straight wing booster space shuttle launch vehicle for Mach numbers from 0.25 to 2.0	1972
19720074607	France: Nuclear, missile, and space developments, no. 316	1972
19720074608	Property determination of sprayed coatings	1972
19720074609	Evaluation of absorption cycle for space station environmental control system applications	1972
19720074610	Effect of environment on insulation materials	1972
19720074611	Liquid oxygen-compatible filament-winding matrix resin	1972
19720074612	Study of cavitating inducer instabilities	1972
19720074613	Contamination avoidance devices for poppet type shutoff valves	1972
19720074614	Composite tanks with load sharing liners	1972
19720074615	Composite tanks with load sharing liners	1972
19720074616	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation systems	1972
19720074617	Composite reinforced propellant tanks	1972
19720074619	Evaluation of the trash rocket concept	1972
19720074620	First Quarterly Report	1972
19720074621	Shuttle APS propellant thermal conditioner study	1972
19720074622	Research studies and investigations of communication satellite studies	1972
19720074623	Continuing data analysis of the AS and E grazing incidence X-ray telescope experiment on the OSO-4 satellite	1972
19720074624	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy	1972
19720074625	Studies of the effects of gravitational and inertial forces on cardiovascular and respiratory dynamics	1972
19720074626	Gallium nitride optoelectronic devices	1972
19720074627	Investigations into the mechanism and rates of atmospheric mixing in the lower thermosphere	1972
19720074628	Quarterly Progress Report	1972
19720074629	Investigation of superconducting interactions and amorphous semiconductors	1972
19720074630	Thermodynamic properties of interstitial elements in the refractory metals	1972
19720074631	X-ray astronomy	1972
19720074632	Launch vehicle dynamic loads optimization	1972
19720074633	Research in solar ultraviolet spectroscopy	1972
19720074634	X-ray astronomy	1972
19720074635	Photographic and photoelectric observations and studies of the planets	1972
19720074636	Observations of chemical releases from high flying aircraft	1972
19720074637	A study of coaxial-submerged free jet	1972
19720074638	A program to investigate, characterize, and describe meteorites in the collection of Arizona State University	1972
19720074639	Study of the techniques feasible for food synthesis aboard a spacecraft	1972
19720074640	Semiannual Status Report, 1 September 1971 - 29 February 1972	1972
19720074641	Effects of Reynolds number on the aerodynamic stability and control characteristics of the Manned Spacecraft Center class O40 space shuttle orbiter at Mach numbers of 0.6 to 1.2	1972
19720074646	Characteristics of a gelled liquid hydrogen polyphenylene oxide (PPO) foam open-cell insulation system	1972
19720074648	Space cell test program	1972
19720074649	Structural studies on carbon materials for aerospace refractory applications	1972
19720074650	Radio frequency interference measurement experiment for ATS-F	1972
19720074651	Noncontacting device to indicate deflection of turbopump internal rotating parts	1972
19720074652	Shuttle APS propellant thermal conditioner study	1972
19720074658	TF34-GE-2 engine components qualification. Main fuel control subsystem simulated operational tests, part 2	1972
19720074660	Concealed weapon detector	1972
19720074661	Handheld invisible light source systems	1972
19720074662	Laser parametric image upconversion	1972
19720074669	Reliable flat cable connectors	1972
19720074670	Shuttle system impact study. Appendix 3: Vehicle design and mass properties	1972
19720074671	Shuttle system impact study. Appendix 4: Shuttle/payload interfaces	1972
19720074672	Shuttle system impact study. Appendix 6: Ground operations	1972
19720074673	Shuttle system impact study. Appendix 7: Economic and planning analysis, task 5	1972
19720074674	Shuttle system impact study, executive summary. Appendix 3: Ground operations and support	1972
19720074675	Shuttle system impact study, executive summary. Appendix 6: Costs and programmatics	1972
19720074677	France: Nuclear, missile, and space developments, no. 312	1972
19720074680	Self-evacuating multilayer insulation for space shuttle vehicles	1972
19720074681	Letter progress report, 1 March - 1 April 1972	1972
19720074683	Space shuttle auxiliary propulsion (APS) valves	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074684	GEOS-A and GEOS-B intermediate arc calibration	1972
19720074685	Semiannual Progress Report	1972
19720074686	Monolithic catalyst beds for hydrazine reactors, follow-on contract	1972
19720074687	Space shuttle auxiliary propulsion system design study	1972
19720074688	Space shuttle auxiliary propulsion system design study	1972
19720074691	Internal insulation system development	1972
19720074692	A unified metabolism detector for Mars: A new approach developed from research on extraterrestrial life detection by enzymatically induced exchange of 18O	1972
19720074694	Advanced space program analysis and planning	1972
19720074697	O2/H2 advanced maneuvering propulsion technology program engine systems studies. Volume 3: 10,000-pound-thrust Bell engine configuration design and analysis	1972
19720074698	Rotational molding of plastic ordnance containers, part 2	1972
19720074699	Transonic wind tunnel tests on a model of the Honest John missile, volume 1	1972
19720074700	Transonic wind tunnel tests on a model of the Honest John missile, Volume 2	1972
19720074701	Transonic wind tunnel tests on a model of the Honest John missile, volume 3	1972
19720074702	Study of deep flaws in weldments of aluminum and titanium	1972
19720074703	Thermal performance of multilayer insulation	1972
19720074704	Composite lines for space shuttle vehicle	1972
19720074705	Non-destructive tests of regenerative chambers	1972
19720074706	Study of structural active cooling and heat sink systems for space shuttle	1972
19720074707	Mechanism of the photovoltaic in II-VI compounds	1972
19720074708	Study and development of a cryogenic heat exchanger for life support systems	1972
19720074711	A study of the methods for the production and confinement of high energy plasmas	1972
19720074712	Development of a model of machine "hand-eye" coordination and program specifications for a topological machine vision system. Quarterly report no. 3: Development of topological vision models	1972
19720074713	Evaluation of absorption cycle for space station environmental control system applications	1972
19720074714	Liquid hydrogen turbopump rapid start program	1972
19720074720	Air Induction Systems for future fighters/interceptors. Phase 1: Short subsonic diffuser development, volume 2	1972
19720074721	Air induction systems for future fighters/interceptors. PHase 1: Short subsonic diffuser development, volume 3	1972
19720074722	TF34-GE-2 engine components qualification: Fuel pump subsystem simulated operational test, part 1	1972
19720074723	TF34-GE-2 engine components qualification. Fuel pump subsystem simulated operational test, part 2	1972
19720074726	Space vehicle integrated thermal protection/structural/meteoroid protection system	1972
19720074730	France: Nuclear, missile, and space developments, no. 311	1972
19720074732	Investigation of cooling modification for radio set AN/URC-9	1972
19720074738	Remote sensing survey of the Coso geothermal area, Inyo County, California	1972
19720074741	Evaluation of a continuously variable laser acoustic delay line	1972
19720074742	Investigation of low order detonations of the Mk 64 Mod 0 SUS (lot 7C69)	1972
19720074743	Technical evaluation of IFF antenna AS-2188	1972
19720074744	Fuel systems pressurization and vent valves KA6D service leakage problem investigation and review of specification MIL-V-81356	1972
19720074749	Development of an airborne digital message entry device	1972
19720074752	Advanced companding, coding, and filtering techniques	1972
19720074753	Tow gated night sight laser illuminator, August - December 1971, part 1	1972
19720074756	Calculation of physical properties of diatomic molecules	1972
19720074757	Rat scat infrared ground radiometric measurements of a BQM-34A propane IR source A/A38A-1	1972
19720074758	Users manual for the SMAC computer program	1972
19720074762	Coherent stereoscope	1972
19720074763	Ablator-Insulated Ramjet Study (AIRS)	1972
19720074764	Photon scoring standard	1972
19720074767	A millimeter wave frequency scanned radiometer moving a 25 GHZ tuning range	1972
19720074768	Production engineering measure for 25 mm intensified diode array camera tube	1972
19720074769	Upper critical depth wave generation	1972
19720074770	Holography and stereoscopy	1972
19720074771	Development of procedures to evaluate hot section deterioration for marine gas turbines	1972
19720074773	Determine the feasibility, durability and capabilities of the FIGAT (fiber glass aerial target) as an air-to-air large profile tow target	1972
19720074776	C-123K assault landing performance tests with flaps limited to 50 degrees	1972
19720074777	AN/AIC-27(V) (XA-1) aircraft interphone system	1972
19720074778	Natural environments design study for Safeguard communications. Part 1: Natural environments handbook	1972
19720074779	Natural environments design study for Safeguard communications. Part 2: Equipment description and environmental effect analyses	1972
19720074781	Evaluation of SAGMI and HAST airloads at the F-4C centerline carriage position for subsonic and transonic Mach numbers	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720074783	Santa Barbara convective seeding test program 1970 - 1971 season and 1967 - 1971 summary	1972
19720074785	Low light level viewing devices: An evaluation	1972
19720074787	Aluminum deckhouse corrosion control	1972
19720074788	Data collections procedures handbook. Annex M to Strategic Air Command FB-111A weapon system category 3 detailed test plan, 1 July 1971	1972
19720074791	Military potential test of nets	1972
19720074793	AS-2731()/GRC, VHF vehicular antenna	1972
19720074794	Experimental methods in acoustic fatigue	1972
19720074804	VHF tactical channel simulator advanced development model	1972
19720074805	Studies in optics	1972
19720074806	Development of high strength ductile titanium alloys for armor applications	1972
19720074807	Remote measurement of combat vehicle dynamics	1972
19720074808	Exploration and development of a 3.2 millimeter wave magnetron for helicopter service	1972
19720074809	Thermally instable polymers	1972
19720074810	Sustaining engineering annual report for 1971	1972
19720074811	Initial production test of tanks 10000 gallon, collapsible	1972
19720074812	A shock wave study of Fondu-Fyre WA-1 and a concrete	1972
19720074815	The 225-400 Mhz antenna system for spin-stabilized synchronous satellites	1972
19720074819	Temperature variation of the resistivity of metallic strain gauge materials: The temperature dependence of the electron density of states and DC electrical resistivity of disordered binary alloys	1972
19720074826	Microwave radiometer terminally guided submissile preliminary design and evaluation (U)	1972
19720074832	OT and E of the improved DVST (U)	1972
19720074833	Concept and design evaluation of an artillery locating radar, phase 1 (U)	1972
19720074841	Fuze, guided missile, Mark 330 Mods 0 and 2 for Shrike (AGM-45A): Description and handling (U)	1972
19720074863	LARS 3 final technical report (U)	1972
19720074864	General surveillance of gas generators MK 2 and MK 3 mod 1 (U)	1972
19720074871	Compatibility test of Mk-66 2.75 inch and Mk-71 Mod 0 Zuni rocket motors (U)	1972
19720074880	Advanced radar flight test analysis. Trajectory requirements for precision target position and velocity measurement using synthetic array techniques (U)	1972
19720074881	Aeronautical systems technology needs: Non-propulsive energy conversion (U)	1972
19720074882	Aeronautical systems technology needs: Air breathing propulsion (U)	1972
19720074883	Aeronautical systems technology needs: Rocket propulsion (U)	1972
19720074946	Radar correlation bombing system (U)	1972
19720074949	AN/ALR-50 antenna evaluation (U)	1972
19720074996	Solid state power controllers 30 ampere ac and dc	1972
19720075007	HEAO-A preliminary dynamic load analysis	1972
19720075008	Layout guidelines for thick-film hybrid microcircuits	1972
19720075014	Applications of NASA science and technology in environmental sciences	1972
19720075033	Radar susceptibility (ECAC external support task 9)	1972
19720075034	TF34-GE-2 engine component qualification. Gas generator rotor overspeed test	1972
19720075035	Helmet-mounted night vision binocular	1972
19720075036	Subsurface sensors for measuring surface waves, Mono Lake explosion test series, 1969	1972
19720075041	Astronomy in the region 1 - 0,1 mm wavelengths	1972
19720075042	Laboratory plasma probe studies	1972
19720075060	Evaluation of polyimide/glass fiber composites for construction of light weight pressure vessels for cryogenic propellants	1972
19720075061	Supersonic jet exhaust noise	1972
19720075066	Separation characteristics of the redesigned LAU-61/A rocket launcher from the F-4C aircraft at Mach numbers from 0.53 to 0.94	1972
19720075067	Production quality assurance testing of a Thiokol Minuteman LGM-30G Stage 3 rocket motor at simulated pressure altitude, motor PQA-7	1972
19720075068	Aerodynamic characteristics of the SRAM and B-43 weapons in the interference flow field of the B-1 bomber at Mach numbers 1.75, 2.0, and 2.25	1972
19720075069	Aging and surveillance testing Minuteman LGM-30F Stage 3 motor at simulated pressure altitude motor S/N 0032996	1972
19720075071	Advanced development test of the Very Long Delay Fuze (VLDF), phase 3	1972
19720075072	A comparison of RF and DC induced damage to metal semiconductor junctions	1972
19720075074	Production engineering measures for hybrid integrated circuit solid state front end	1972
19720075075	Production engineering measures for hybrid integrated circuit solid state front end	1972
19720075076	Giant patriot qualification test report, shaped charge assembly, P/N 332660-1, CDRL item X689	1972
19720075077	Manufacturing methods and technology measure. Ultraprecision integrated circuit photomasks	1972
19720075078	Performance investigation of various configurations of personnel maneuverable parachute canopy assemblies	1972
19720075079	System Certification and Integration Facility (SCIF) computer software development plan	1972
19720075080	TF41-A-1 and TF41-A-2 component improvement program, volume 1	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075081	TF41-A-1 and TF41-A-2 component improvement program, volume 2	1972
19720075082	Service life evaluation of Gould type TPX-61E Guppy 1, lead-antimony submarine main storage battery cells	1972
19720075083	Radio beacon battery evaluation	1972
19720075084	TF34-GE-2 engine qualification: Sand ingestion test	1972
19720075085	ELF jungle foliage evaluation	1972
19720075087	The welding of dual hardness armor	1972
19720075091	The fatigue life characteristics of the 105 mm M137A1 howitzer barrel	1972
19720075092	Compatibility testing and handbook verification of ground support equipment for the AN/APX-72 IFF transponder system of the CH-46A/D/F helicopters	1972
19720075093	Test and evaluation of the helicopter towed linear array sonar	1972
19720075094	General information concerning the use of extrusion process for fabrication of mechanical time fuze components	1972
19720075095	The rocket motor Mark 66 Mod 0 design, development, and release for production safety review	1972
19720075096	TF34-GE-2 engine components qualification. Main fuel control subsystem simulated operational tests, part 1	1972
19720075098	The summer flux-divergence of atmospheric water vapour over the Queen Elizabeth Islands, NWT	1972
19720075102	Study of the performance of image recovery circuits	1972
19720075105	Study of avalanche diodes as microwave oscillators at Q band	1972
19720075106	Study of high burnout microwave diodes	1972
19720075109	Remote multi-access interrogation of files: SHAPE Technical Centre's experience	1972
19720075110	Time studies on various CDC 6400 computer configurations	1972
19720075112	Present development and future trends in data management systems	1972
19720075113	Static test firing of LGM-30F stage 1 rocket motor S/N 0012972 Minuteman surveillance program	1972
19720075114	Static test firing of Minuteman second stage, M56A1 operational motor S/N 0022045 LGM-30 program	1972
19720075115	Technical evaluation of solid-state multiplexer kit for interrogator set AN/UPX-23	1972
19720075116	ASM gimbal IMU development program	1972
19720075123	Shock wave propagation through air entrainment systems, phase 1	1972
19720075124	Production quality assurance testing of a Minuteman 3 LGM-30G stage 2 rocket motor at simulated pressure altitude motor S/N PQA6-54	1972
19720075125	Compatibility test of the LAU-68A/A rocket launcher with the F-100 aircraft (Seek Eagle)	1972
19720075129	Improved shroud static load test	1972
19720075130	DIHEST improvement program test DIP 1A data report	1972
19720075131	GAU-7/A instrumentation test	1972
19720075138	J69-T-25 turbojet engine exhaust duct development program	1972
19720075140	Advanced collective protection system design studies	1972
19720075141	Production engineering measure for high voltage aluminum high reliability electrolytic capacitors	1972
19720075142	Production engineering measure for high-reliability aluminum electrolytic capacitors	1972
19720075160	Design, manufacture and testing of zero gravity condenser; integration of evaporator, condenser, and auxiliary components	1972
19720075161	Design research of an advanced operational information system	1972
19720075162	EMI/EMC test report for test set-simulator AN/APM-245A	1972
19720075164	Influence of fracture parameter interactions on the design process	1972
19720075165	Expanded phase 1 ACS experiments. Volume 1: Experimental system testing and evaluation	1972
19720075166	Expanded phase 1 ACS experiments. Volume 2: Design requirements for a prototype cartographic finishing subsystem	1972
19720075167	Distributed fetch computer concept study part 1: Concepts and applications	1972
19720075168	Distributed fetch computer concept study. Part 2: Implementation	1972
19720075169	On line R and D programming and budgeting. Volume 2: Appendix A, user's manual. Appendix B: R and D impact versus funding planning summaries	1972
19720075170	On line R and D programming and budgeting. Volume 3: Appendix C, programmer's manual	1972
19720075171	Fluids, lubricants, fuels and related materials, part 2	1972
19720075172	Lightweight gearbox composite case, phase 3, task 1	1972
19720075177	A-7 precautionary and flameout landing evaluation at high gross weights and drag counts	1972
19720075178	Aerodynamic characteristics of an ejection seat escape system with a stabilization parachute at Mach numbers from 0.3 through 1.2	1972
19720075179	TD-968()/U multiplexer	1972
19720075189	Development and evaluation of a wet input spline concept for sundstrand 40 AGD01 constant speed drive in the RA-5C airplane with J79-GE-10 engines	1972
19720075190	Diversity combiner characterization	1972
19720075194	Production engineering measure for a broadband, 225-400 MHz, 25 watt power transistor	1972
19720075197	A users manual for a photo-optical simulation program: IMAGE	1972
19720075198	Investigation of A-4 aircraft escape system clearance envelope	1972
19720075199	Tests on a partial length sidewall SES model in regular and irregular waves	1972
19720075200	Hump and sub-hump performance tests of a surface effect ship. Phase 1: Deep and shallow water tests	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075201	Integrated solid state microwave power amplifiers	1972
19720075202	Dynamics of Trapezoidal cable arrays	1972
19720075203	Investigation of Gas Tungsten Arc (GTA)10Ni-8Co-2Cr-1Mo steel weld properties	1972
19720075204	Bibliography on pricing methodology and cost estimating	1972
19720075206	Technical consulting services for earth resources program	1972
19720075207	Biomedical technology transfer: Applications of NASA science and technology	1972
19720075208	Study of cavitating inducer instabilities	1972
19720075209	Evaluation of the trash rocket concept	1972
19720075210	Development of a laser velocity interferometer for NTS use	1972
19720075211	Heat and flame resistant polymers	1972
19720075212	Agng and surveillance testing of a Minuteman LGM-30F Stage 2 rocket motor at simulated pressure altitude motor S/N AA 20014, designation OP-12	1972
19720075215	TOW night sight compatibility test	1972
19720075216	Research test of low temperature operability characteristics of diesel fuel	1972
19720075217	Ambient sea noise: A review of the literature	1972
19720075218	Interaction of focused microwave radiation with a rocket exhaust	1972
19720075219	Twisting fatigue tests of carbon fiber composites	1972
19720075222	Thermal processing, high acuity, negative diazo reproduction materials	1972
19720075223	Photo-carto interface	1972
19720075224	A study of centralized manual and centralized fully automatic control of shipboard electric plants, volume 1	1972
19720075225	A study of centralized manual and centralized fully automatic control of shipboard electric plants. Volume 2: Monitor/control system schematics, drawings, and descriptive data	1972
19720075227	A study of centralized manual and centralized fully automatic control of shipboard electric plants, volume 3	1972
19720075228	Inlet technology for air launched missiles. Volume 2: Forebody flow field test results	1972
19720075235	Effect of environmental pressure on the thermal degradation of glass reinforced plastic laminates. Part 3: Investigation of low void content polyimide laminates	1972
19720075237	Deflection of the vertical and the geoid	1972
19720075238	Analysis of the supersonic flow field about a forebody-decelerator combination. Volume 1: Theoretical methods and result comparisons	1972
19720075239	A study of the stability and control of army aircraft in low level flight, volume 1	1972
19720075240	Deflections of the vertical	1972
19720075242	Engineering flight test evaluation of the radio navigation subsystem on the model C-5A airplane	1972
19720075246	Low drain integrated circuit assemblies for wideband applications	1972
19720075247	Automatic computation of the gravitational effect of a three-dimensional body of arbitrary shape by the Talnani-Ewing method	1972
19720075248	Gravity map of the province of Ciudad Real	1972
19720075249	Development of an electro-mechanical servo-actuator for a boiler feedwater control valve	1972
19720075250	F-111 Model Design Series (MDS) Bomb-Nav systems comparative analysis	1972
19720075258	Athena H AVE stress analysis. Volume 2: Revision A	1972
19720075259	Athena H AVE stress analysis. Volume 4: Revision A	1972
19720075260	Athena H AVE stress analysis. Volume 5: Addendum A	1972
19720075263	Development of silicon monolithic surface wave arrays	1972
19720075264	Ultra high resolution electronic imaging	1972
19720075265	A new synthesis procedure for wideband matched three port power dividers	1972
19720075266	Aerocooling of a 12-inch diameter missile during air carry	1972
19720075270	Naval research laboratory C-band transmitter test bed program	1972
19720075271	Apollo EMU garment program	1972
19720075272	Self evacuating multilayer insulation for space shuttle vehicles	1972
19720075276	A study of mission requirements for an earth observation satellite emphasizing meteorology, volume 1	1972
19720075277	A study of mission requirements for an earth observation satellite emphasizing meteorology, volume 2	1972
19720075278	A study of mission requirements for an earth observation satellite emphasizing meteorology	1972
19720075279	Fluidic Directional Control (DC) Honest John test stand calibration effort	1972
19720075280	France: Nuclear, missile, and space developments no. 318	1972
19720075281	Composite lines for space shuttle vehicle	1972
19720075282	Internal insulation system development	1972
19720075284	High resolution infrared radiation sounder for the Nimbus F spacecraft	1972
19720075285	France: Nuclear, missile, and space developments, no. 319	1972
19720075286	Study of multilayered insulation pipe penetration	1972
19720075287	An organic fiber/epoxy filament wound vessel for cryogenic propellants	1972
19720075288	Liquid hydrogen turbopump rapid start program	1972
19720075290	Pericell bow seal analysis and model test. Volume 1: CIT test series	1972
19720075291	Communications biophysics, 12	1972
19720075293	Flight experiments on work performance for work performance in zero and partial gravity. Volume 1: Objectives, method and measures	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075294	Flight experiment for work performance in zero and partial gravity. Volume 2: Factors affecting work performance	1972
19720075295	Flight experiment for work performance in zero and partial gravity. Volume 4: Experiment plan	1972
19720075297	Liquid hydrogen turbopump rapid start program	1972
19720075300	Flight experiment for work performance in zero and partial gravity. Volume 3: Work performance requirements	1972
19720075301	Effect on environment on insulation materials	1972
19720075302	Experiment definition study for the solar X-ray (3-60 angstrom) imaging-spectrometer system for the OSO-J pointed section. Volume 3: Business Management	1972
19720075303	Report on the design review for the high resolution infrared radiation sounder, volume 1	1972
19720075304	Report on the design review for the high resolution infrared radiation sounder, volume 2	1972
19720075305	Report on the design review for the high resolution infrared radiation sounder, volume 3, appendixes	1972
19720075307	Electron beam fracturing of hard rock	1972
19720075308	AN/UPN-35 Loran ground monitor system instruction manual	1972
19720075310	Self evacuating multilayer insulation for space shuttle vehicles	1972
19720075312	Advanced space program analysis and planning	1972
19720075313	Composite reinforced propellant tanks	1972
19720075323	Impact testing of frangible couplings	1972
19720075325	Development, testing, and evaluation of visual landing aids	1972
19720075326	Large variable conductance heat pipe	1972
19720075335	Methodology for evaluating naval shipyards. Phase 1 : Model feasibility	1972
19720075336	Prime item development specification for charging set, hydraulic pressure, CI 10794AA, part-1	1972
19720075342	Operation mine shaft: Cratering effects of a 100-ton TNT detonation on granite	1972
19720075344	Contract end item detail specification. Part 1: Performance design and qualification requirements. test stand, final inspection	1972
19720075345	Contract end item detail specification. Part 2: Product configuration and acceptance test requirements. test stand, final inspection	1972
19720075346	Non-complex item development specification for sling, beam type CI 10797AA, part 1	1972
19720075347	Non-complex item development specification for battery handling set, CI 10795AA, part 1	1972
19720075348	Non-complex item development specification for launcher equipment room equipment handling set, CI 10796AA, part 1	1972
19720075355	Scientific communications in the space life sciences	1972
19720075358	Research and technology sponsored by the NASA office of aeronautics and space technology	1972
19720075359	NASA John F. Kennedy space center emergency preparednes plan	1972
19720075361	Elemental abundances in meteorites and terrestrial matter	1972
19720075363	Analog tree-organized multiplexer	1972
19720075446	Wind tunnel pressure signatures for a Delta wing space shuttle vehicle and a space shuttle fuel tank	1972
19720075447	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle	1972
19720075461	Composite tanks with load sharing liners	1972
19720075462	Property determination of sprayed coatings	1972
19720075484	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation systems	1972
19720075491	Minuteman ground electronics systems, WS-133 AM/WS-133B model specification; launch control facility processor AN/GYW-1(V) figure A14058	1972
19720075492	Minuteman ground electronics systems, WS-1 33 AM/WS-133B model specification keyboard printer set, figure A14062	1972
19720075493	Minuteman ground electronics systems, WS-133 AM/WS-133B; model specification; memory controller group OL-90/GYW-1(V), figure A 14061	1972
19720075494	Determining the relationship between the ility factors reliability, availability, maintainability and cost measures of vehicle system	1972
19720075496	France: Nuclear, missile, and space developments no. 320	1972
19720075497	Study of deep flaws in weldments of aluminum and titanium	1972
19720075498	Monolithic catalyst beds for hydrazine reactors	1972
19720075499	Aerodynamic Characteristics of a Space Shuttle Booster with a Delta Wing and Canard (M Equals 0.6 to 2.0), May 1971 Tests	1972
19720075500	Improvement of Reusable Surface Insulation (RSI) materials	1972
19720075501	Quarterly Report	1972
19720075502	Quarterly progress report, 1 January - 31 March 1972	1972
19720075503	Physical electronics and surface physics	1972
19720075504	Final report	1972
19720075506	Progress report, 22 April - 23 June 1972	1972
19720075507	High resolution study of the solar X-ray corona from Aerobee 170 rockets	1972
19720075508	Inspection criteria review and analysis and nondestructive test methods evaluation	1972
19720075509	On precise gravity survey in Miura and Boso peninsulas: On results of resurvey	1972
19720075511	Development of a mathematical performance prediction model for rotary hydraulic type arresting gears	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075512	Command manual for Tri-service ATCO Booking System (TSABS)	1972
19720075513	On precise gravity survey in Miura and Boso peninsulas: Some comments on the survey	1972
19720075518	Noise measurements in wind tunnels	1972
19720075528	Half-yearly report, 1 November 1971 - 1 May 1972	1972
19720075552	Gravitation Research	1972
19720075553	Microprobe analysis of returned lunar samples	1972
19720075554	Investigation of homeostatic controls operating in tissues in response to dietary manipulation	1972
19720075563	Design, manufacture and testing of zero-gravity condenser; integration of evaporator, condenser, and auxiliary components	1972
19720075564	Phase A effort for feasibility study of a pressure fed engine for a water recoverable space shuttle booster. Volume 2: Technical	1972
19720075566	Flight mechanical analysis of single engine-out malfunction. Part 2: Saturn 1B/Skylab-3 vehicle	1972
19720075572	Liquid oxygen-compatible filament winding matrix resin	1972
19720075573	Regeneratively cooled rocket engine for space storable propellants	1972
19720075575	Study and development of a cryogenic heat exchanger for life support systems	1972
19720075583	Technology application program 1, volume 1	1972
19720075585	Fuze power source study	1972
19720075592	Satellite search and rescue	1972
19720075594	Laboratory evaluation of a folding-sidewall aircraft tire	1972
19720075595	Antennas with solid state circuitry	1972
19720075596	Multimode antennas	1972
19720075602	The German research and test laboratory for air and space flight	1972
19720075603	Test set, recorder-film magazine AN/AAM-32	1972
19720075607	Shuttle APS propellant thermal conditioner study	1972
19720075608	A study to assess the nature and magnitude of economic benefits of advances in Meteorology	1972
19720075609	Self evacuating multilayer insulation for space shuttle vehicles	1972
19720075610	Effect of environment on insulation materials	1972
19720075611	Contamination avoidance devices for poppet type shut off valves	1972
19720075612	Space shuttle auxiliary propulsion system design study	1972
19720075613	Study of multilayered insulation pipe penetration	1972
19720075614	Investigation of cryogenic rupture disc design	1972
19720075615	Evaluation of absorption cycle for space station environmental control system applications	1972
19720075616	Feed system instabilities	1972
19720075617	Study of cavitating inducer instabilities	1972
19720075618	Liquid hydrogen turbopump rapid start program	1972
19720075619	Composite lines for space shuttle vehicle	1972
19720075620	Contamination avoidance devices for poppet type shutoff valves	1972
19720075621	Lightweight evacuated multilayer insulation systems for the space shuttle vehicle	1972
19720075622	First article tests of four, type MS90365-2, nickel-cadmium aircraft batteries, manufactured by Eagle-Picher Industries, Inc.	1972
19720075623	Production engineering measure on gating transistors	1972
19720075624	Application of a digitalized radiographic fluorographic processing system to physiologic data extraction	1972
19720075627	Tow missile second source production validation test program	1972
19720075629	A standardized autoradiographic neutron detection system	1972
19720075633	A fiberglass plastic nose adapter for the torpedo, Mk 48 Mod 0	1972
19720075634	Metropolitan radiation hazards (Metro Rad-Haz)	1972
19720075635	A portable pressure-vacuum calibration system	1972
19720075636	Todd Star Jet steam atomizers evaluation for CVA class ships	1972
19720075637	Investigation of bolting procedures for sea-water flanges	1972
19720075638	TOW weapon system, environmental test for TOW initial production XM225 and XM236 vehicle adapter kits	1972
19720075649	Advanced avionic fault isolation system. Analog test using fault isolation by parameter identification	1972
19720075655	Scientific plan for project KIWI ONE	1972
19720075657	An evaluation of cryogenic and competing noncryogenic devices for naval applications such as MAD, surveillance, radiation detection, and communications	1972
19720075658	Analysis of the condition of the SNAP 7-E acoustic beacon installation after 64 months at 2650 fathoms	1972
19720075659	The electrical resistivity of pelletized thermite and the implications and applications	1972
19720075660	Engineering design test of nylon airbrake line tubing under Arctic winter conditions	1972
19720075663	Theoretical calculation of the external aerodynamics of surface effects ships	1972
19720075664	Grain stress analysis study, phases 2 and 3 OoAMA/RPL stress motor SN 0012257	1972
19720075667	T-33 radar cross section measurements and scintillation analysis	1972
19720075668	Development of the HDL air-driven rotary generator to power a 60 mm fuze	1972
19720075669	Low-cycle fatigue performance of large-scale butt welded plate specimens of alloy titanium in a sea water environment	1972
19720075671	Cobra Shoe experimental radar facility. Volume 3: Technical appendices	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075673	A guide for predicting the aural detectability of aircraft	1972
19720075674	Dual visor assembly	1972
19720075675	Development of dosage models and concepts	1972
19720075677	Air blast loading test results on a blast resistant radome in the DASACON shock tube	1972
19720075680	Flowing gas xenon and ultraviolet lasers	1972
19720075681	Advanced composite applications for spacecraft and missiles. Volume 1: Structural development	1972
19720075682	Advanced composite applications for spacecraft and missiles. Volume 2: Material development	1972
19720075684	Multipath 10.6 micrometer moving target indicator	1972
19720075685	Evaluation of an optical image stabilized camera system	1972
19720075686	ARPA-Arctic surface effects vehicle program	1972
19720075688	Production engineering measures for hybrid X-band manpack radar front end	1972
19720075689	Production engineering measure for solid-state microwave acoustic delay lines	1972
19720075690	Evaluation of castable illuminant formulations in flare, surface, trip, M49A1	1972
19720075691	AV-8A flight test, evaluation, and calibration of APX-72 system model	1972
19720075692	Development of a glass fiber reinforced plastic shroud for an 8 inch guided projectile	1972
19720075693	Fastener coating service evaluation	1972
19720075697	Test and evaluation of a proposed P-3C tactical satellite communication system (U)	1972
19720075700	Surveillance of Navy-held Bullpup AGM-12B liquid engines (U)	1972
19720075701	Electronic scanning pencil beam antenna (U)	1972
19720075702	Space electric power R and D program (U)	1972
19720075703	Study layout of keyed hot end retention hardware (L/O 388D927) (U)	1972
19720075704	Structural design comparison of alternate configurations for cluster insulating sleeve (U)	1972
19720075707	LASL-Rover program (U)	1972
19720075735	Acoustic energy effects on sleep and human performance	1972
19720075738	ATLAS/CENTAUR-28 INTELSAT 4 (F4) flash flight report	1972
19720075740	KSC Apollo/Skylab call sign handbook	1972
19720075741	Hurricane control plan	1972
19720075742	ML transfer: Pad to VAB/refurbish	1972
19720075751	Supersonic jet exhaust noise	1972
19720075752	Experimental system and its evaluation for the control of surgically induced infections	1972
19720075753	Pericell bow seal analysis and model test. Volume 2: Azusa ring channel test series	1972
19720075754	Research on turbojet combustor pollutant formation	1972
19720075757	Study of solid rocket motor for a space shuttle booster. Appendix C: Motor processing facilities	1972
19720075758	Study of solid rocket motor for a space shuttle booster. Appendix D: Test programs backup data	1972
19720075759	Studies of heteroface solar cell performance	1972
19720075760	Scientific and technical services for development of planetary quarantine measures for automated spacecraft	1972
19720075765	A study of the masking effect of reverberation on signal detection of a towed ultra deep sonar under conditions typical of the north-east Pacific Ocean and its reduction by an ideal narrow Doppler filter	1972
19720075766	Study of injected beam crossed field amplifier	1972
19720075767	Thin P-I-N structures in silicon	1972
19720075769	A survey of some defence EMC equipment specifications	1972
19720075780	Results of calibration of the STC X-band satellite ground terminal (SET-2)	1972
19720075782	Design of wideband constant beamwidth acoustic arrays	1972
19720075787	Technology application program 1	1972
19720075789	Strength, toughness, and stress corrosion cracking properties of TiAl-2CB-1TA-1Mo and Ti-6Al-4v plate	1972
19720075790	Accuracy limitations for Loran-C over land	1972
19720075791	CNI experimental test program plan	1972
19720075793	Development of liquid cooling techniques for advanced airborne electronic equipment	1972
19720075799	UH-1N category 2 flying qualities evaluation	1972
19720075802	Clutter measurements planning and analysis	1972
19720075803	SAM-D engineering development status, volume 1	1972
19720075804	Evaluation of the Grumman MK-J5D ejection seat in respect to spinal alignment	1972
19720075808	Force and pressure tests on cones with simulated ablated noses at Mach numbers 8 and 16	1972
19720075809	Methods for improving the properties of cutting tools	1972
19720075810	Radio telemetry development for aeroballistic range tests	1972
19720075811	Advanced measurement techniques study for digital systems	1972
19720075812	Advanced titanium alloy disk production and evaluation	1972
19720075813	Operational manual for variable memory data communications buffer	1972
19720075815	Navy standardized telemetry components test and evaluation of commutator, Translator, and filter amplifier	1972
19720075816	Cast titanium for hydrofoil propellers	1972
19720075817	Advanced theoretical models for the induced magnetic fields of the finite cylinder and of the cylindrically symmetric body of arbitrary section	1972
19720075818	Altimeter set, electronic AN/APN-194(V), test and evaluation under hover conditions	1972
19720075821	Acoustic fatigue of aircraft structural component assemblies	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720075822	Low speed aerodynamics for ultra-quiet flight	1972
19720075824	Analysis of smoke measurement variation for gas turbine engines	1972
19720075825	Qualification testing of aircraft power cable types AN2551, AN3430, MS24121-1, MS 24208-1, and MS25488 manufactured by Florida General Electronics, Incorporated	1972
19720075830	Test and evaluation of maintenance Information Automated Retrieval System (MIARS)	1972
19720075831	Evaluation of a portable X-ray spectrograph	1972
19720075832	Superconducting machinery for ship propulsion systems	1972
19720075833	Acoustic impedance of a rectangular piston in a plane baffle	1972
19720075837	Electrode-electrolyte interactions magnesium anodes: Meta-dinitrobenzene cathodes	1972
19720075838	Production engineering measure for solid-state microwave acoustic delay lines	1972
19720075839	Automatic cartographic system mod 2. Volume 1: Software improvement	1972
19720075840	Automatic cartographic system mod 2. Volume 2: Revised users manual	1972
19720075841	Air-drag correction tables for steel-cube residual and striking velocities	1972
19720075845	Unsteady flow theory for transient hydrodynamic phenomena of the nozzle type	1972
19720075846	Spin rocket feasibility study	1972
19720075865	Electronically tuned high power network	1972
19720075867	Dynamical and photometric investigation of cometary type 2 tails	1972
19720075869	O2/H2 advanced maneuvering propulsion technology program. Water-cooled segment testing	1972
19720075872	Reliability evaluation of radiation hardened Quad NAND gates	1972
19720075873	Dual stereo measuring stage	1972
19720075874	A 660-ton amphibious lighter conceptual design	1972
19720075875	Remote ground unit locating devices	1972
19720075882	Study of advanced techniques for determining the long term performance of components	1972
19720075883	Supplement to hardware development proposal for High Energy Cosmic Ray Experiment (HECRE)	1972
19720075885	Air cargo restraint criteria	1972
19720075887	Advanced electron device technology	1972
19720075889	Events CANUTO and DARDABASI. Operation BARBIZON	1972
19720075895	Frequency assignment and compatibility analysis of USCG Maritime Traffic Service (MTS) radars in the San Francisco Bay area	1972
19720075916	Field test report: LF 07 category 1 grounding test (TI 482, VAFB)	1972
19720075917	Aircraft/RARF/INU alignment procedures	1972
19720075918	Experimental research on collisions of heavy particles at energies up to 2 Mev	1972
19720075919	Community of interest program; user's manual	1972
19720075920	Subtask 2 T-burner of task 5 pressure oscillation study	1972
19720075921	Subtask 1, particulate effects, of task 5 pressure oscillation study	1972
19720075922	Secede 2	1972
19720075923	Fuel requirements for high altitude satellite station keeping	1972
19720075924	Engineering support on the Minuteman M-57A1 rocket motor. Subtask 3 limiting pressure amplitudes of task 5 pressure oscillation study	1972
19720075925	Engineering support of the Minuteman M-57A1 rocket motor. Subtask 2 T-burner analysis of task 5 pressure oscillation study	1972
19720075926	Light activated silicon switch	1972
19720075930	Design analysis for application of the electronic camera to the RF-4C aircraft. Volume 1, Part 1	1972
19720075931	Design analysis for application of the electronic camera to the RF-4C aircraft. Volume 1, part 2	1972
19720075932	Design analysis for application of the electronic camera to the RF-4C aircraft, volume 2	1972
19720075934	Exploratory development of high strength, high modulus graphite filaments	1972
19720075936	Test set, terrain-calibration indicator AN/AAM-33	1972
19720075937	Reliable Advanced Solid-State Radar (RASSR)	1972
19720075938	A comprehensive review of the space radiation environments and radiation instrument systems for the space shuttle and space station	1972
19720075943	Product support program air turbine starters air control valves	1972
19720075944	Terminal discrimination development (prototype bulk filter development-concept definition)	1972
19720075945	France: Nuclear, missile, and space developments no. 321	1972
19720075946	Thermal performance of multilayer insulation	1972
19720075952	OSO-J experiment definition study. Part 2: Program definition. Solar satellite project	1972
19720075953	Empirical Evaluation of Pump Inlet Compliance	1972
19720075954	OSO-J experiment definition study. Part 1: Experiment definition	1972
19720075955	Influence of thermal distortion on the anomalous behavior of a gravity gradient satellite	1972
19720075956	An analysis of the utilization of the Goddard networks for 1973 - 1980	1972
19720075958	Psychological factors in air control: A critical review of the major trends in the literature	1972
19720075959	Engineering aspects of EEG computer analysis	1972
19720075966	Reynolds number effects on the drag of two full bow hull forms	1972
19720075993	Dynamic fracture criteria of homogeneous materials	1972
19720076024	Bearing-time detection displays: Optimization and design guidelines	1972
19720076025	Liquid propellant gun	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076040	Evaluation of simulator training for aircrews in CCT air-to-air maneuvers	1972
19720076042	Photochromic film display advanced development model	1972
19720076043	Organic and atmospheric mass spectrometer feasibility study	1972
19720076044	NASA static propeller	1972
19720076047	Manufacturing methods and technology measure (MMT) program for GaAs laser crystal	1972
19720076048	J-79 low smoke combustor evaluation	1972
19720076049	F-4D/E/UPLM-141 radar test set compatibility test	1972
19720076055	Survey of speech bandwidth compression techniques for H-F secure voice system	1972
19720076056	Survey of modulation techniques for HF secure voice system	1972
19720076057	Surveillance evaluation of rocket motor mk 7 Mods 1 and 2 (5KS-4500 JATO)	1972
19720076058	Surveillance of MK 12 Mod 0 rocket catapult	1972
19720076059	Improved low elevation angle tracking with use of frequency agility	1972
19720076061	Freedrop trajectory data on four stores released from the B-1 aircraft weapons bays at Mach numbers from 0.60 to 1.20	1972
19720076062	Evaluation of crash position locator/flight data recorder in the C-2A airplane	1972
19720076063	The low temperature handling of navy distillate fuels. Phase 1: Studies of wax formation on cooling	1972
19720076064	Preliminary results on the performance of the AN/PSN-4(XE-1)(V)2 and coordinate converter at Fort Benning, Georgia	1972
19720076065	Qualification tests of two, type 7003, Rebling Plastics Company plug connectors for use with standard (MS 18093) aircraft storage battery receptacles	1972
19720076066	Study of advanced filament-reinforced materials	1972
19720076067	Superconductive microwave slow wave structures	1972
19720076076	France: Nuclear, missile, and space developments, no. 322	1972
19720076077	An attempt for the world record with an electrical car	1972
19720076078	The RATAC (fire control radar) (le RATAC)	1972
19720076082	Solid propellant structural test vehicle program	1972
19720076083	Experimental determination of energy of sublimation for amorphous carbon, phenolic resin, carbon phenolic and fused cast silica	1972
19720076085	Technical evaluation of Lewis scanner antennas for AN/TRN-28A instrument landing system	1972
19720076086	Contractor's carrier suitability tests of the gas turbine starter	1972
19720076087	Development of avionics reliability prediction techniques	1972
19720076088	Surveying instrument: Azimuth, gyro, lightweight (SIAGL) (Lear Siegler, Incorporated)	1972
19720076089	An annotated bibliography of civil engineering research	1972
19720076091	Manufacturing methods for surface integrity machined structural components	1972
19720076092	Conduct an operational evaluation of the MLU-32A/B99 (Briteye) aircraft flare. Extracts	1972
19720076093	ABMDA prototype bulk filter development concept definition phase	1972
19720076094	Semantic information retrieval for verbal data	1972
19720076095	Measurements in the turbulent near-wake of a sharp 5.9 degree adiabatic wall cone at Mach number 7.4	1972
19720076096	Aging and surveillance testing of an Aerojet Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude (motor S/N TMS-5)	1972
19720076103	Response of filament wound fiberglass-epoxy cylindrical shells to high explosive blast	1972
19720076104	A human factors evaluation of the SAFEGUARD intrasite communications subsystem	1972
19720076105	Vulnerability of propellant filled munitions to impact by steel fragments	1972
19720076108	Study of liquid and solid particle impacts	1972
19720076109	Theoretical analysis of solid state antennas for direction finding	1972
19720076114	Aeroballistic characteristics, stability, and flight analysis of the terminal delivery vehicle	1972
19720076117	Summary of the activity in plasma physics at the University of Iowa	1972
19720076118	A study of high performance antenna systems for deep space communication	1972
19720076119	A study of the application of modal suppression to flutter control	1972
19720076120	Acquisition of stimulus control	1972
19720076121	Properties of simple atoms and ions	1972
19720076123	Submittal of data: Final flight report, HEOS-A2	1972
19720076124	High altitude radiation measurements	1972
19720076125	Theoretical and experimental investigations of collective microwave phenomena in solids	1972
19720076126	A photogeologic study of Martian and other surface features in preparation for analysis of Mariner 71 photographs	1972
19720076127	Combustion instability with partial acoustic liner	1972
19720076129	The effect of continuous low dose-rate gamma irradiation on cell population kinetics of lymphoid tissue	1972
19720076130	Research in cosmic and solar physics	1972
19720076131	Supersonic jet exhaust noise	1972
19720076132	Evaluation of the trash rocket concept	1972
19720076133	An organic fiber/epoxy filament wound vessel for cryogenic propellants	1972
19720076134	Progress report	1972
19720076135	Mobile RAPCON station evaluation, RAF Upper Heyford, England, 29 February - 2 March 1972	1972
19720076142	Athena H vehicle data guide	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076145	Hearing conservation: Intense acoustic stimulation and noise susceptibility in the military environment	1972
19720076146	Technical consulting services for Earth Resources program	1972
19720076147	Determination of the roles, responsibilities and requirements for man in remotely controlled space systems	1972
19720076148	Survey of pollution and abatement plans, Louisiana Army Ammunition Plant (load, assemble and pack operations)	1972
19720076149	Arctic surface effect vehicle program. Fire hazard control aboard the Arctic surface effects vehicle	1972
19720076150	A compilation and analysis of visibility data taken at Eglin Air Force Base in October 1971	1972
19720076151	Mini-TACAN acquisition range and bearing	1972
19720076152	Final flight report	1972
19720076156	Development of a manufacturing process for large-diameter composite monofilaments by pyrolysis of resin-impregnated carbon-fiber bundles	1972
19720076157	High temperature insulation materials for reradiative thermal protection systems	1972
19720076158	Active cleaning technique for removing contamination from optical surfaces in space	1972
19720076159	Study and development of a cryogenic heat exchanger for life support systems	1972
19720076160	Metal tank fracture and design criteria	1972
19720076161	Studies of impact resistance of fiber composite blades used in aircraft turbine engines	1972
19720076162	Noncontacting device to indicate deflection of turbopump internal rotating parts	1972
19720076164	Composite reinforced propellant tanks	1972
19720076165	France: Nuclear, missile, and space developments, no. 323	1972
19720076167	Development of high speed integrated circuits: Digital multipliers and sample and hold gates	1972
19720076168	Communications and tactical navigation for Army aviation during stability operations	1972
19720076169	Shock induced laminar boundary layer on a splitter plate	1972
19720076170	National Aeronautics and Space Administration space cell test program	1972
19720076171	National Aeronautics and Space Administration space cell test program	1972
19720076173	Sensitive thick film IF amplifier and discriminator	1972
19720076174	New high-power broadband coated Al ₂ O ₃ windows	1972
19720076181	Proposed critical strain parameter defining a long term mechanical stability limit for plastics used in armaments applications	1972
19720076190	Lunar Roving Vehicle systems handbook (LR-V-2)	1972
19720076191	Application of remote sensing for land use planning and policy formulation	1972
19720076192	An earth resource debate	1972
19720076194	Medical benefits from space research	1972
19720076196	SV countdown demonstration test	1972
19720076197	SV hypergolic loading	1972
19720076198	SV launch countdown and post launch	1972
19720076199	Ion implanted infrared sensor arrays	1972
19720076201	Structural studies on carbon materials for aerospace refractory applications	1972
19720076205	Comparative evaluation of coated alloys for turbine components of advanced aircraft gas turbine engines. Volume 2: Test results	1972
19720076206	Space shuttle system program definition, phase B.	1972
19720076208	High-rate-low temperature alkaline primary cell	1972
19720076209	Airborne radar motion compensation techniques, evaluation of TACCAR	1972
19720076210	Survey of wear-reducing additives	1972
19720076211	An evaluation of AML 350 water displacing fluid used in electrical connectors	1972
19720076213	Design, manufacture and check-out testing of an evaporator for vacuum distillation	1972
19720076214	Research in optical materials and structures for high-power lasers	1972
19720076216	Investigation of biowaste resistojets for space station applications	1972
19720076219	An experimental study of acoustic interactions between transducer elements in a model array	1972
19720076220	Wind tunnel and flight test stability and control derivatives for the X-24A lifting body	1972
19720076222	High-speed optical data links	1972
19720076224	Light activated silicon switch	1972
19720076225	Engineering support on the Minuteman M-57A1 rocket motor. Subtask 5 burn rate/oscillation interactions of task 5 pressure oscillation study	1972
19720076247	Equipment reliability test analysis of radio set AN/ARC-144	1972
19720076248	Procedures for conversion of data from magnetic tape onto 14 bit binary coded microform	1972
19720076249	Giant patriot qualification test report: CDS and A and bracket assembly, Part No. 332615-3, Part No. 332680-3	1972
19720076251	Approaches to ladder structures. 7: Polycondensation of aromatic diamino dicarboxylic acids with dimethylformamide and phosphorus pentoxide	1972
19720076252	Status Report, 1 January - 30 June 1972	1972
19720076253	Application of remote sensing for land use planning and policy formulation	1972
19720076254	Investigation of the color characteristics of the K-corona	1972
19720076255	Acquisition phase project plan for NASA activities in the Global Atmospheric Research Program (GARP). Revision 1	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076256	Comparison of experimentally and theoretically determined values of oscillatory aerodynamic control surface hinge moment coefficients	1972
19720076260	Optimum reinforcement around a circular hole in a flat sheet under uniaxial tension	1972
19720076261	Selected research topics	1972
19720076263	Similarity requirements for aeroelastic models of helicopter rotors	1972
19720076269	Transonic transport study - Propulsion systems	1972
19720076271	Metal tank fracture and design criteria	1972
19720076272	Publications and paper presentations resulting from the Goddard Space Flight Center CO2 laser program	1972
19720076273	Advanced space program analysis and planning	1972
19720076274	Monthly Report	1972
19720076275	Topics in structural dynamics	1972
19720076277	Metal tank fracture and design criteria	1972
19720076281	Low torque control bearings, 4 January - 15 December 1971	1972
19720076283	Liquid hydrogen turbopump rapid start program	1972
19720076284	STDN unmanned scientific mission support for December 1971	1972
19720076285	Network operations manager's report for the AS-511 mission	1972
19720076301	Evaluation of T-3 particle counter for hospital epidemiology	1972
19720076303	Research on turbojet combustor pollutant formation	1972
19720076304	Radiation measurements from polar and geosynchronous satellites	1972
19720076305	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1972
19720076306	Rocket investigation of Relativistic Electron Precipitation (REP) events	1972
19720076307	Microbiological performance testing on the water management subsystem for a four man space capsule	1972
19720076308	Development of computer programs for the analysis of spacecraft antennas	1972
19720076309	Progress report, January - April 1972	1972
19720076311	Analysis of impedance profiles and structural return loss of high quality coaxial cables	1972
19720076315	Composite lines for space shuttle vehicle	1972
19720076316	Internal insulation system development	1972
19720076318	Automated Microbial Metabolism Laboratory	1972
19720076319	Space shuttle auxiliary propulsion system design study	1972
19720076323	Study of advanced techniques for determining the long term performance of components	1972
19720076324	Pogo instabilities suppression evaluation	1972
19720076327	Dynamics of cavitating cascades	1972
19720076328	Empirical evaluation of pump inlet compliance	1972
19720076329	Research and development on silicon photocathodes and TSEM's	1972
19720076330	Microcircuit crystal oscillator, volume 1	1972
19720076331	Microcircuit crystal oscillator. Volume 2: Process manual	1972
19720076332	Research and development of new seal materials for surface effect ships, supplement no. 1	1972
19720076333	High power infrared laser window materials (LQ-10 program)	1972
19720076334	Glycol quenching of 7075 aluminum up to 3 inches thick	1972
19720076335	Elastomer-to-metal adhesive bonds: Adhesive quality determination by ultrasonic techniques	1972
19720076336	Evaluation of three commercially manufactured portable oxygen detection units for use in the analysis of compressed air for breathing	1972
19720076337	Production engineering measure for mechanized production and test equipment for ceramic chip capacitors	1972
19720076339	Expeditionary airfield configuration report	1972
19720076340	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors	1972
19720076341	Evaluation of flight test results of the XBQM-34E target drone using the versatile drone autopilot	1972
19720076342	Prime item product function specification for launcher, guided missile, aircraft	1972
19720076343	Brittle materials design, high temperature gas turbine	1972
19720076344	FBMWS piece parts	1972
19720076345	Evaluation of Navy CWU-31/P Nomex and Air Force CWU-20/P PBI summer flying coveralls	1972
19720076346	High power solid state amplification	1972
19720076347	Rare earth oxide pigmented thermal control coatings	1972
19720076348	Solid-state scan mosaic sensors	1972
19720076349	High speed buffer interface	1972
19720076350	Laser beam diagnostic scanner	1972
19720076351	Telemetry system for Mach 8 rocket sled tests	1972
19720076353	Permeation rates of water and transducer filler gases through isolation mount materials. Prepare computer program for corona and arc over analysis	1972
19720076357	Program overview discussion of FY 71 EB documentation under Mart program	1972
19720076358	Evaluation of HB polymer manufactured using Taft glacial acrylic acid	1972
19720076359	Production engineering measure for subminiature low voltage ceramic capacitors	1972
19720076360	The design and evaluation of melt spinning units as airborne chaff generators	1972
19720076361	AOES time transformation modification for new UTC	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076363	Alpha-iodic acid light beam deflector for display applications	1972
19720076365	Development of an intensiostatic stress corrosion test for strain hardenable alloys	1972
19720076367	An active sonar performance prediction model	1972
19720076368	Agile missile system safety engineering plan	1972
19720076369	Production engineering measure for ion-implanted integrated circuits	1972
19720076372	Analysis of failure in the J52-P6/8 tailpipe clamp assembly of the A-4 aircraft	1972
19720076373	Limited performance and minimum control speed evaluation of a C119K with Hamilton Standard three blade propellers	1972
19720076375	Production engineering measure for beam lead tantalum thin film capacitors	1972
19720076376	TAC/IDHS	1972
19720076378	CONUS AUTOVAN management and engineering reports, user's manual	1972
19720076379	A forecast of applications of fluidics	1972
19720076380	FLOP, a floating-point arithmetic package	1972
19720076381	Pilot verification and validation of zero order BMD software	1972
19720076382	Radar prediction study	1972
19720076389	Pilot verification and validation of zero order BMD software, appendix A	1972
19720076390	Concepts study for advanced concept EMP simulator, volume 1	1972
19720076391	Concepts study for advanced concept EMP simulator. Volume 2: Appendix A: Wave-launcher study	1972
19720076392	Concepts study for advanced concept EMP simulator. Volume 3: Appendix B: Pulser	1972
19720076393	Concepts study for advanced concept EMP simulator. Volume 4: Appendix C: Structures and support systems	1972
19720076394	Pump lamps for Nd:YAG lasers	1972
19720076395	Reliability test plan and procedures for AN/AAS-18 infrared detecting set cryogenic cooler	1972
19720076396	Test plan for laboratory and ground-to-ground link performance evaluation of FH and PN modems	1972
19720076397	PEM for improvement of production techniques to increase the reliability for ceramic isolation capacitors for integrated circuits	1972
19720076400	Advanced materials for hydrofoil strut/foil structures. General review and development properties	1972
19720076402	A correlation study of selected accelerations and strains from the Sprint DASACON tests	1972
19720076403	Aerodynamic characteristics of several bluff body configurations at subsonic and transonic Mach numbers	1972
19720076404	Handbook of fluids and lubricants for deep Ocean applications	1972
19720076411	Investigation of the feasibility of a magnetohydrodynamic laser	1972
19720076412	A production engineering measure for compact five-gun cathode ray tubes	1972
19720076413	Aircraft multiplexing techniques: A survey	1972
19720076414	Tube for M114A1	1972
19720076416	Establishment of a manufacturing process for infrared glass windows	1972
19720076417	Study of failure of equipment subjected to shock	1972
19720076418	Annual report, 29 January 1971 - 29 January 1972	1972
19720076419	Airborne Infrared/Millimeter Measurement system (AIMMS)	1972
19720076420	Preliminary BMD software development for the CDC 7600 data processing system	1972
19720076421	Preliminary BMD software development for CDC 7600 data processing system. CDC 7600 preliminary hardsite process construction demonstration	1972
19720076422	Preliminary BMD software development for the CDC 7600 data processing system. Process construction language PCL user guide	1972
19720076424	Integrated solid state transceiver	1972
19720076425	Radar deployment and hardening studies	1972
19720076426	Category 1 test report. Counter-drum-pointer servoed altimeter AAU-19A/A	1972
19720076427	The 1971 turbojet engine Component Improvement Program (CIP)	1972
19720076429	Manufacturing methods and technology measure for 18 mm microchannel plates	1972
19720076431	Methodology investigation to develop accurate and reliable gamma flux measurements gamma dosimetry	1972
19720076432	Electromagnetic compatibility (EMC) test with a HDC-701P computer	1972
19720076433	Static test firing of LGM-30A stage 1 rocket motor S/N 0011019 Minuteman surveillance program	1972
19720076434	TF34-GE-2 engine qualification, corrosion susceptibility test	1972
19720076435	Comparison of various tropospheric refraction models for the correction of Doppler measurements on artificial earth satellites	1972
19720076436	Starlight scope projector unit	1972
19720076438	Space cell test program	1972
19720076439	Spaceflight tracking and data network command operations performance evaluation for October 1971	1972
19720076440	STDN tracking systems quality assurance report for February 1972	1972
19720076443	Beryllium: A material for aeronautical and space travel	1972
19720076444	Research on two megacharacter thruput boram	1972
19720076445	A logic of document retrieval by key words	1972
19720076446	Manufacture of jet engine thrust bearings by ausforming	1972
19720076447	Analytic mathematical models of tactical military communications channels	1972
19720076448	Aircraft fuel systems hazardous condition indicator study	1972
19720076449	Modular analysis of electronic systems	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076451	Helicopter flight test of the AN/ASN 109 inertial navigator	1972
19720076453	Final Report	1972
19720076454	Small Astronomy Satellite-B (SAS-B) flight spacecraft compatibility test report	1972
19720076455	Contract quarterly performance report, tenth quarter	1972
19720076456	Investigation of propellant flow control system	1972
19720076457	Effect of environment on insulation materials	1972
19720076458	Tunable microwave oscillator assembly	1972
19720076459	Nondestructive testing of pavements: Tests on multiple-wheel heavy gear load sections and Eglin and Hurlburt Airfields	1972
19720076460	Instrumentation for Automatic Liquid Agent Detection (ALAD)	1972
19720076461	Air force preliminary evaluation of the J85-GE-21 engine (F-5E prototype propulsion system)	1972
19720076462	Production engineering measure for multistage solid-state power amplifiers	1972
19720076463	Experimental wave propagation studies in composite materials	1972
19720076465	Transient temperature tests on the AN/APR-25 radar detector set preamplifier	1972
19720076466	Static test firing of minuteman second stage, M56A1 operational motor S/N 002	1972
19720076481	Airborne antenna coupler. Volume 2: Ferrimagnetic tuning	1972
19720076492	Fixable photochromic materials (phase 2)	1972
19720076493	Heliborne camera system (hand-held)	1972
19720076494	Investigation of a high-power CO2 convection laser	1972
19720076495	TF34-GE-2-engine qualification: Fatigue life report	1972
19720076496	ADP oriented modular panel display, solid state	1972
19720076497	Symphonie: Franco-German satellite telecommunications system	1972
19720076499	Evaluation of rocket flame emissions for military surveillance applications	1972
19720076500	Landing and go-around procedures for the B-52G/H with a multiple engine failure on one wing	1972
19720076502	Static test firing of 3.2 KS2700 rocket motor part number 2611-12 Atlas launch vehicle	1972
19720076503	AN/DKT improved output power versus temperature program	1972
19720076504	ACAS EMC test plan	1972
19720076505	Preliminary terminal defense real-time software development	1972
19720076509	Cushioned para-drop platform	1972
19720076510	Special Engineering Analysis (SEA). US Army/Air Force program no. t53H005. Service Revealed Difficulties (SRD). US Navy program number T53H101	1972
19720076511	Military potential test of the Seventh Army Tactical Switching System (SATSS) AN-TTC-25	1972
19720076512	MF and HF man-made radio-noise and interference survey, Keflavik, Iceland	1972
19720076513	Feasibility study of use of polysulfide sealants for corrosion protection of spot welded aluminum alloys	1972
19720076514	Calculated response of a Linear Energy Transfer Spectrometer (LETS) correlation with relative biological effectiveness and quality factors	1972
19720076515	Transducer procurement specification study	1972
19720076517	Technical evaluation of antenna AS-177B/UPX	1972
19720076530	Continuous single crystal sapphire filaments and ribbon	1972
19720076531	High strength, high modulus fibers by pyrolysis of polymeric fibers	1972
19720076533	Extended range chemistry evaluation summary	1972
19720076566	Extended range chemistry evaluation: Test chemistry E-101	1972
19720076567	Extended range chemistry evaluation: Test chemistry D-101	1972
19720076568	Extended range chemistry evaluation: Test chemistry F-101	1972
19720076569	Extended range chemistry evaluation: Test chemistry G-101	1972
19720076570	Extended range chemistry evaluation: Test chemistry B-101	1972
19720076571	Extended range chemistry evaluation: Test chemistry H-101	1972
19720076572	Improved electroforming techniques	1972
19720076583	Design and fabrication of a Radio Frequency (RF) survey	1972
19720076595	Prediction of unsteady aerodynamic loadings on nonplanar wings and wing tail configurations in supersonic flow. Part 1: Theoretical development, program usage, and application	1972
19720076600	Engineer design test of modified force sensitive control for Vulcans XM163/XM167, volume 1	1972
19720076602	Test program for the APN-59 replacement radar APQ-122 V 5 radar set, volume 1	1972
19720076603	Test program for the APN-59 replacement radar APO-122 V 5 radar set, volume 2	1972
19720076607	TF34-GE-2 engine components qualification. Accessory drive gearbox 150 hour endurance test	1972
19720076608	Exploratory development of advanced nondestructive techniques as applied to high temperature propulsion system components	1972
19720076609	Room temperature creep of a Ti-6Al-2Cu-1Ta-0.8Mo alloy weldment	1972
19720076610	Arctic surface effect vehicle program starting and operational problems of gas turbine engines in a cold environment	1972
19720076611	FASOR-1. Analysis of sea-floor photography	1972
19720076613	OT/E of the Dynametric, Incorporated, model 186 bomb/rocket scoring system	1972
19720076614	Advanced composites data for aircraft structural design. Volume 2: Structural element behavior, test and analytical determination	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076615	Study and analysis of solid-state radar technology for airborne reconnaissance and surveillance systems. Volume 2: Solid-state technology forecast	1972
19720076617	Coatings for lightning protection of structural reinforced plastics, part 2	1972
19720076619	F-4D field experience. Part 3: Work unit code index	1972
19720076620	Inlet technology for air launched missiles. Inlet configuration definition studies. Part 2: Aerodynamic measurements in the supersonic flow field of a body composed of a 3:1 Von Karman ogive and cylinder	1972
19720076621	Tacamo 4B program engineering report, volume 3	1972
19720076622	Improved high-temperature solid film lubricants, part 2	1972
19720076623	Athena H AVE stress analysis. Volume 3: revision A: Velocity package re-spin motor analysis	1972
19720076624	Nonflammable fabrics, part 2	1972
19720076625	Chemical laser facility study. Volume 3: Cost analysis	1972
19720076648	The gravimetric determination of the geoid undulations and Molodenskiy problem	1972
19720076655	Analysis of solar wind density measured by Pioneer spacecraft plus adjunct ionospheric content from geostationary spacecraft	1972
19720076656	Contamination avoidance devices for poppet shutoff valves	1972
19720076660	Investigation of software requirements for implementation of proposed aimpoint correlation algorithms in night attack aircraft (U)	1972
19720076667	The 1971 annual report of the fleet surveillance group (U)	1972
19720076691	The study of dynamic interactions of solar arrays with space stations	1972
19720076693	Functional checks of position and displacement transducer systems	1972
19720076695	Operating procedures: Magnetic link lightning detectors	1972
19720076698	Facility measuring and hazards monitoring support of Crawler Transporter (CT) moves	1972
19720076699	Facility measuring and hazards monitoring support of SV CDDT and launch countdown	1972
19720076701	Theoretical X- and gamma-ray astronomy	1972
19720076702	High resolution study of the solar X-ray corona from Aerobee rocket 4.285 CS; design and construction of an	1972
19720076703	Digital processing of imagery data	1972
19720076704	Intasat satellite project: Design specification for telemetry transmitter	1972
19720076705	Semiannual status report, 1 October 1971 - 30 April 1972	1972
19720076706	Studies related to the surfaces of the moon and planets	1972
19720076707	Study of methods of measurement of airway resistance	1972
19720076708	The effect of continuous low dose-rate gamma irradiation on cell population kinetics of lymphoid tissue	1972
19720076709	Investigation of wing vortex flow	1972
19720076710	Dissociative recombination coefficients for planetary ionospheric ions	1972
19720076711	Complexity problems and formal language theory	1972
19720076712	Radioscience Laboratory status report, 1 February 1971 - 1 June 1972	1972
19720076713	Development of prototype asymmetric-Bragg solar X-ray polarimeter for satellite applications	1972
19720076714	Exploiting machine readable bibliographic data	1972
19720076715	Pressure distribution characteristics of a space shuttle booster at Mach number 8	1972
19720076720	Application of evolutionary programming to predicting the ocean thermal structure	1972
19720076721	RVNAF middle management training development program	1972
19720076722	Final Report	1972
19720076723	Postdoctoral and senior postdoctoral resident research associateship program	1972
19720076724	Final report, task order 23	1972
19720076725	Category 2 test and evaluation of the 407L control and reporting center/control and reporting post, volume 2	1972
19720076726	General war antiballistic missile system model (ABM-1-model). Analytical manual. Volume 3: Offense allocator subsystem. Change 2	1972
19720076727	Possibility of gravity change accompanying crustal movement	1972
19720076728	On the computation of deflections of the vertical	1972
19720076732	Aircraft flotation concepts study: Aircraft mover vehicles	1972
19720076734	Composite reinforced propellant tanks	1972
19720076736	Minuteman materials response to pebbles at velocities to 1643 feet per second test 14 Holloman AFB sled test no. 33Q-C8A	1972
19720076737	Failure threshold and resistance of the protected and unprotected 2 N2222 transistor in the short pulse width regime	1972
19720076738	Wind tunnel investigation of the transonic static stability characteristics of a bluff body shape with various afterbody-stabilizer configurations	1972
19720076739	Reevaluation of high pressure steam cleaners	1972
19720076740	The geodetic boundary value problem for the known earth surface	1972
19720076741	A computer model of a laser transmitter/receiver ground detector using a polarization cloud discriminant	1972
19720076742	Aerodynamic characteristics of curved fins with swept and unswept leading edges and their influence on missile static stability at Mach numbers from 0.5 to 1.3	1972
19720076743	Variable focal length high speed lens	1972
19720076744	Production data package: 150 gallon external fuel tank	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076745	Development of a fluidic velocity sensor	1972
19720076746	Initial production test of radio teletypewriter sets AN/GRC-142A and AN/GRC-142B	1972
19720076747	Non-complex item development specification for work platform set, launcher equipment room, CI 10798AA	1972
19720076748	TOW	1972
19720076750	Increased energy storage neodymium laser material: silicate oxyapatite	1972
19720076751	MF and HF man made radio noise and interference survey Bremerhaven, Germany	1972
19720076752	AN/PRC-68(A), phase 1	1972
19720076753	Minuteman pebble impact program test results and analysis, CCP B2509	1972
19720076757	Essential materials for ground forces over a long range plan	1972
19720076758	First article tests, of two, type MS90321-77, nickel-cadmium battery cells, manufactured by Marrathon Battery Company under contract N00383-71-C-1048	1972
19720076759	The linear motor-variances in performance of the linear motor according to its application	1972
19720076760	Application of a mixing length scheme to the study of equilibrium turbulent boundary layers	1972
19720076761	SAFOC HF digital data link (phase 2: System tests)	1972
19720076762	Test report: Upper stage structure and equipment assembly functional integration test SESP P72-1	1972
19720076763	Operational/training experience and developmental trends	1972
19720076764	Methods, devices, and circuits for the EMP hardening of Army electronics	1972
19720076768	Production engineering measure for zinc anodes	1972
19720076769	Irreversible processes and associated thermodynamic losses in two-phase media	1972
19720076770	Static test firing of Minuteman first stage, LGM-30B operational motor S/N 00120-09 operational shelf/service life program	1972
19720076772	Distillation of tris(1-(2-Methyl)Aziridinyl)-Phosphine Oxide, MAPO	1972
19720076773	Chemical laser research	1972
19720076774	Trace helicopter test program	1972
19720076775	Expanded service test of UH-1H field unit subsystem of Synthetic Flight Training System (SFTS) (device 2B24)	1972
19720076777	Static test firing of minuteman stage 2 motor S/N 0021017 LGM-30 shelf service life program	1972
19720076778	Effectiveness of two types of control surfaces on a modified advanced tactical rocket at transonic Mach numbers	1972
19720076779	Error coding applied to measured error statistics	1972
19720076781	Accelerated service testing of the model J52-P-8B engine smoke abatement hardware	1972
19720076782	Test and evaluation of air conditioning coupling on work unit item 12	1972
19720076783	LFOV optimization study	1972
19720076784	Environmental evaluation test report for the communication control console, figure A 1338	1972
19720076788	Unified network planning study	1972
19720076790	Supersonic jet exhaust noise	1972
19720076801	Shuttle aps propellant thermal conditioner study	1972
19720076833	Sum-rules derived from crossing symmetry applying to partial wave amplitudes in multiparticle reactions with arbitrary spins and masses	1972
19720076835	Progress in ocular protection from nuclear flash	1972
19720076836	Systems for automatic computations and plotting of position fixing patterns	1972
19720076837	Effects of the rate of the work load increase on terminal thresholds for physical work	1972
19720076839	Ice observations 1967	1972
19720076840	Measurement methods and associated error analysis for the calibration of X-band satellite ground terminals, with particular application to set-2	1972
19720076841	Data analysis and reporting of the orbital tests of the NATO spacecraft communication subsystem	1972
19720076846	Effects of the disturbance process of the econometric model Austria 1	1972
19720076851	Some theorems on the problem of reversibility of mathematical models	1972
19720076852	Lunar motion analysis	1972
19720076853	Calibration of load cells for tension or compression using pc24sg signal conditioners and associated power supplies	1972
19720076854	Network operations support plan for the Orbiting Solar Observatory (OSO-H)	1972
19720076855	Network operations support plan for the Meteoroid Technology Satellite (MTS)	1972
19720076856	STDN network operations procedures for network computer systems. Section 9: PDP-9 computer systems	1972
19720076857	IMP-H spacecraft compatibility test report	1972
19720076858	Propellant surveillance report, stage 2 LGM-30A and LGM-30B, and ANP-2862-and ANP-2864	1972
19720076859	Production quality assurance testing of a Thiokol minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-8	1972
19720076860	Magnesium anode-electrolyte-inhibitor system studies	1972
19720076862	Design verification test of the F-4 Ram air turbine	1972
19720076864	Manufacturing methods for Bipolar Micromosaic (trademark) large scale integrated circuits	1972
19720076866	Transportable ground sensor assembly facility	1972
19720076867	Laser communications experiment acquisition and tracking	1972
19720076868	Full-scale fatigue test of a diffusion bonded helicopter main rotor hub	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076869	Principles of frequency scanned arrays	1972
19720076870	Design, installation, and test of AN/SQQ-14 sonar towing eye locking device	1972
19720076871	Aging and surveillance testing of a Minuteman LGM-30F stage 2 rocket motor at simulated pressure altitude motor S/N 806698, designation 52 MS-5	1972
19720076872	Effect of applying controls upon the resilient blades of the rotor of a helicopter	1972
19720076873	Sorbent based aircraft fuel tank inerting system	1972
19720076874	Collected papers on fault-tolerant spacecraft computer technology	1972
19720076875	A solution to a moving source heat conduction model for determining temperature rise in thick plates, thin plates and semi-infinite solids exposed to highly focused laser radiation	1972
19720076876	Effects of image defocusing on correlation functions and error signals generated with a correlation sensor	1972
19720076877	Development of an improved underwater microphone for use in swimmer's masks and acoustical evaluation in a Kirby Morgan KMB-8 band mask	1972
19720076878	Theory of slit tones	1972
19720076879	Laser guided Little john	1972
19720076880	C-5A category 2 continuation program reliability and maintainability evaluation	1972
19720076881	Category 2 evaluation of the C-5A environmental subsystem	1972
19720076882	An organic fiber/epoxy filament wound vessel for cryogenic propellants	1972
19720076883	Advanced space engine preliminary design	1972
19720076892	Determination of methyl centralite penetration in single base propellant	1972
19720076894	The Transall C.160	1972
19720076895	UH-1N category 2 arctic tests	1972
19720076896	Electromagnetic field probes	1972
19720076897	TF34-GE-2 engine qualification: Vibration survey	1972
19720076898	An investigation of excessive head wear in PLAT video recording equipment	1972
19720076899	Internal insulation system development	1972
19720076900	Definition research study	1972
19720076901	The infrared absorption from 1.0 to 2.5 microns of CO ₂ , CH ₄ , and NH ₃	1972
19720076902	Quarterly progress report	1972
19720076903	Investigation of superconducting interactions and amorphous materials	1972
19720076905	Determination of the roles, responsibilities and requirements for man in remotely controlled space systems	1972
19720076906	The influence of temperature on fatigue-crack growth	1972
19720076907	Studies in planetology, including the collection and interpretation of planetary information	1972
19720076908	Measurement of the ground wind structure	1972
19720076909	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation	1972
19720076910	Transverse instabilities of magnetically self-focusing streams in plasmas	1972
19720076911	Activities and expenditures	1972
19720076912	Development of unique wet tantalum slug, tantalum cased capacitor	1972
19720076913	Theoretical study of transport processes in the ionosphere	1972
19720076914	Vacuum jacketed composite lines	1972
19720076915	Composite lines for space shuttle vehicle transmittal of data	1972
19720076916	Methodological issues of behavioral science in educational evaluation	1972
19720076917	Thermal performance of multilayer insulation	1972
19720076918	Space shuttle auxiliary propulsion (APS) valves	1972
19720076919	Design, manufacture and testing of zero-gravity condenser: Integration of evaporator, condenser and auxiliary components	1972
19720076920	Rocket probes for the F region	1972
19720076922	Study of deep flaws in weldments of aluminum and titanium	1972
19720076924	Development of techniques and instrumentation for the nondestructive evaluation of multi-layer insulation	1972
19720076925	Electromagnetic field probes	1972
19720076926	EMP generated waveforms specifications for subsystems and circuits	1972
19720076927	Static stability evaluation of the AFATL minimum caliber target marker at transonic speeds	1972
19720076928	Static-test firing of second-stage wing 6, Minuteman motor, 52PQA6-55	1972
19720076929	Sampling tests of one, type MS18045-45, nickel-cadmium aircraft battery, manufactured by Gulton Industries, Inc., under contract N00383-70-C-2960	1972
19720076930	First article tests of four, nickel-cadmium aircraft batteries, manufactured by Gulton Industries under contract N00383-70-C-2960	1972
19720076931	Test and evaluation of prototype expendable AN/AQS-13 hydrophone staves	1972
19720076932	Qualification of the Bendix 5 KVA inverter, P/N 32B27-8B	1972
19720076933	Research and development on technologies for welding HY-180 steel	1972
19720076934	Hybrid fluorosilicones for aircraft fuel tank sealants. Synthesis of fluorocarbon and fluorocarbon ether hybrid fluorosilicone polymers	1972
19720076935	A comparison of argon and mercury propelled ion engines	1972
19720076937	Advanced development model high frequency interferometer single site location system	1972
19720076938	High power wideband UHF integrated circuits	1972
19720076939	Armament wiring test set AN/AWM-38(V)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720076940	Production engineering measure for improved cathode mix for electron tubes	1972
19720076941	Improved shroud powered flight heating test	1972
19720076942	Research on methods of improving the combustion characteristics of liquid hydrocarbon fuels	1972
19720076944	Sampling and life cycle costing tests of 109 production lots of type MS18045-41 and MS18045-42 lead-acid aircraft batteries manufactured by Teledyne, Inc.	1972
19720076945	Sweep nonlinearization and fast playback mode for photorecorder and gridding device	1972
19720076946	Manufacturing process for RC networks	1972
19720076947	Increased energy storage neodymium laser material: Sodium lanthanum molybdate	1972
19720076949	Minuteman ground electronics systems, WS-133A-M; model specification, launch control facility processor AN/GYW-1 (V) 1, figure A 14058	1972
19720076950	Flight investigation of the shock and vibration impulses causing malfunction of the AMF CSV1152-2 dc voltage regulator on the T-2C airplane	1972
19720076951	Study of the fracture mechanism of 5456-H321 aluminum alloy	1972
19720076952	Sensor imagery simulation facility	1972
19720076953	Teledyne model TR-2302-05 FM telemetry transmitter spectrum utilization characteristics	1972
19720076954	Theoretical studies of high-power infrared window materials	1972
19720076956	Selection of an acoustic beacon and design of an improved beacon dispenser for the AN/AQS-14 (XN-1) sonar system	1972
19720076957	Summary of test projects and activities 1969-1971	1972
19720076958	Production engineering measure for hybrid integrated circuits for fuze applications. Part 1: Integrated arming and firing circuit. Part 2: Precision oscillator integrated circuit	1972
19720076959	Engine effect on sonic boom unsteady engine inlet interaction	1972
19720076960	The present and future of internal memory	1972
19720076961	Higher order temperatures in optical pumping	1972
19720076963	Sampling tests of four, type MS90321-77, nickel-cadmium battery cells, manufactured by Marathon Battery Company	1972
19720076964	Development of the A-7E airplane automatic Carrier Landing System (ACLS) mode 1 operational capacity	1972
19720076965	ID-1791A/A standby gyro indicator evaluation in the A-6 airplane	1972
19720076967	Artillery locating radar environment and target simulation studies (U)	1972
19720076972	A study of the stability and control of Army aircraft in low level flight, volume 2 (U)	1972
19720076973	Aircraft survivability human factors (U)	1972
19720076974	Covariance analysis of system 621B satellite tracking for the advanced development program rotating Y deployment (U)	1972
19720076983	AN/ASN-101 system test and data analysis (U)	1972
19720076984	Extracts from Evaluate the A-6A/RABFAC/Paveway concept (U)	1972
19720076985	Synthesis of high-energy compounds and development of heat-resistant, castable explosives (U)	1972
19720076986	Evaluation of various types of solid propellants in the 105mm XM548 spin stabilized rocket assisted projectile (U)	1972
19720076987	Atlas of counter detection ranges for active systems (U)	1972
19720076988	Scattering from nonlinear loaded conducting bodies (U)	1972
19720076994	Rework monitoring tests of Sidewinder AIM-9D/G missile MK 18 Mod 1 and 2 guidance and control groups lots 1 through 6 (U)	1972
19720076996	Extracts from conduct and operational evaluation of the Command Active Sonobuoy System (CASS) (U)	1972
19720076997	Qualitative evaluation of an Airborne Night Observation Device (ANOD) (U)	1972
19720076998	Ambient noise measurements in the western Mediterranean with autobuoy. Results of phase 6 of Joint Oceanographic Acoustic System Tests (JOAST) (U)	1972
19720076999	Image interpretation segment of the marine Air Ground Intelligence System (MAGIS) (U)	1972
19720077009	Final report on impact of semi-active laser guidance. Volume 1: Main report (U)	1972
19720077010	Final report on impact of semi-active laser guidance. Volume 2: Appendices (U)	1972
19720077017	Development of traveling-wave mixer devices for frequency conversion, phase 1 (U)	1972
19720077020	Wind tunnel tests of a 0.036-scale B-1 model at Mach numbers from 0.60 to 2.40 (U)	1972
19720077025	Evaluate the target identification bomb, EX 121 Mod 0, (Marceye III) (U)	1972
19720077026	Snap-and-go test results: DAAC electro-optical tracker (U)	1972
19720077033	Analytical assessment of the F-14 aircraft control and handling characteristics (U)	1972
19720077034	Development of a multi-layer composition HIPT-seap for small arms caseless ammunition (U)	1972
19720077038	Integrated observation system, AN/GVQ-10 (U)	1972
19720077039	Modification of Shell 405 (trade name) catalyst test catalyst preparation (U)	1972
19720077040	Aluminum hydride propellant shelflife (U)	1972
19720077041	The 100 Ghz diagnostic imaging facility. Volume 1: Facility development (U)	1972
19720077042	The 100 Ghz diagnostic imaging facility. Volume 2: M-113 APC radar measurements (U)	1972
19720077043	Image processing segment of the Marine Air Ground Intelligence System (MAGIS) (U)	1972
19720077046	Reduction of fuel vulnerability on CH-47C helicopter (U)	1972
19720077067	Portable tunnel detection differential magnetometer (U)	1972
19720077071	Effect of several canard sizes on the static stability, performance, and trim characteristics of the Pavestorm 1 munition system at transonic speeds (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077075	Detection of radar targets in clutter by use of rotating linear polarization (U)	1972
19720077077	Conduct an operational evaluation of the MLU-32 A/B99 BRITEYE aircraft flare (U)	1972
19720077080	Preliminary Navy evaluation of the AGM-53A condor guided missile system (U)	1972
19720077099	Sled test program for AMG-45A-6 (Shrike-6) guidance section (U)	1972
19720077127	XAGM-83A Bulldog missile: Preliminary technical evaluation (U)	1972
19720077140	Delta 87 Highly Eccentric Orbit Satellite-A2(HEOS-A2) flash flight report	1972
19720077141	Investigation of the effect of metallurgical structure and properties on the adhesion and friction behavior of cobalt alloys	1972
19720077144	Experimental investigation of venting water into a vacuum	1972
19720077146	Beam uniformity measurements for Q-switched Nd:YAG lasers	1972
19720077147	Starting and pressure recovery in fixed-throat supersonic-supersonic diffusers	1972
19720077148	Solid state K sub u band source	1972
19720077149	ALR-45 amplifier-detector design	1972
19720077150	Design verification and qualification of the electromagnetic industries, incorporated, M24021-2 and M24021-4 external power monitors	1972
19720077151	OT/E of the 407L equipped tactical air control center (TACC)	1972
19720077152	Evaluation of the AN/TPX-42 interrogator set	1972
19720077153	Limited weather service	1972
19720077155	The triple calsphere experiment	1972
19720077156	Analysis of AN/TSC-60V(3) interference to cosite 407L-TACS	1972
19720077157	Radiation hardened A/D and D/A converters	1972
19720077158	Evaluation of modified Mk-1 and LPP-1 life preservers for passengers aboard COD aircraft	1972
19720077160	Feasibility demonstration of a hydrofluidic turret control system	1972
19720077161	Design and development of cryogenic turbo refrigerator systems	1972
19720077162	Manufacturing methods for production of hollow ball bearings for use in gas turbine engines	1972
19720077163	Large aperture wide angle infrared scanning system	1972
19720077164	Two noncommutativity errors in strapdown analysis	1972
19720077165	Technical evaluation of antenna systems test equipment and test procedures	1972
19720077166	State of the art of laser welding	1972
19720077171	Space shuttle auxiliary propulsion system design study	1972
19720077180	The effect of particle and fluid properties on the pressure drop and heat transfer coefficient of a dilute flowing gas-solid suspension	1972
19720077190	Development of reinforced plastic buoyancy tanks	1972
19720077192	Laser diagnostic sensor study	1972
19720077193	Applications of discrete devices to panel displays	1972
19720077194	A 4800 bit/second voice channel data modem study	1972
19720077197	Aging and surveillance testing of a Minuteman LGM-30B stage 2 rocket motor at simulated pressure altitude motor S/N 0022034	1972
19720077198	Giant Patriot qualification test report. Premature separation system switches, P/N 332700-1, -3	1972
19720077199	High frequency linear SSB power amplifier	1972
19720077201	The evolution of space propulsion in the 1970's	1972
19720077203	Qualification testing of aircraft power cable types AN2551, MS25019, MS25486, and MS25487, manufactured by General Cable Corporation	1972
19720077204	Report on the operations of the Environmental Data Collection and Processing Facility (EDCPF)	1972
19720077205	Bistable conducting materials	1972
19720077206	Test report: Power system acceptance test sesp P72-1	1972
19720077207	Squadron and support site activation plan USS American for EA-6B support	1972
19720077208	Study of phase fluctuations over a satellite-to-aircraft propagation path	1972
19720077209	Value engineered radio set AN/ARC-144 (V) (XA-1) selected life cycle cost analysis source data	1972
19720077210	Broadband near infrared laser detector	1972
19720077212	Quantitative measurement of mechanical deformation by holographic interferometry	1972
19720077213	Semiannual Status Report, 31 July 1972	1972
19720077215	Annual status report, 1 July 1971 - 30 June 1972	1972
19720077216	Galactic and extragalactic infrared line emission	1972
19720077217	Liquid oxygen-compatible filament-winding matrix resin	1972
19720077218	Composite tanks with load sharing liners	1972
19720077219	Laboratory calibration procedure for Edison part 905579 UV flame detector	1972
19720077220	Regeneratively cooled rocket engine for space storable propellants	1972
19720077221	Self evacuating multilayer insulation for space shuttle vehicles	1972
19720077223	Study of RF modulated crossed-field amplifiers	1972
19720077224	Regeneratively cooled rocket engine for space storable propellants	1972
19720077227	Study of multilayered insulation pipe penetration	1972
19720077228	Biomedical technology transfer: Applications of NASA science and technology	1972
19720077229	Teleoperator technology applications for the handicapped	1972
19720077230	Advanced space program analysis and planning	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077232	Aerodynamic effects on the handling characteristics of a rigid rotor	1972
19720077233	Aeroelastic effects on the flight properties of a rigid rotor	1972
19720077234	Free radical photography	1972
19720077235	The C-5A support area airfield tests at Harper Lake	1972
19720077236	Spontaneous temporal fluctuations in the magnetization of a ferromagnetic material	1972
19720077238	Stall performance	1972
19720077240	X-ray interference	1972
19720077241	Influence of welding defects on the mechanical properties of welded joint	1972
19720077242	Twentieth Department of Defense Conference on Nondestructive Testing	1972
19720077243	The effects of noise and flickering light on human behavior	1972
19720077245	Stress wave dispersion in composite materials: An experimental study	1972
19720077247	Engineering properties of structural aluminum alloys, a handbook	1972
19720077248	Digital interface code converter	1972
19720077249	AIM-9D/G/H/L missile exhaust effect on F-14 aircraft horizontal stabilizer surfaces. An investigation of potential damage and protective measures	1972
19720077250	Amplitude fluctuations on a 9.5 mile radio link at 15 and 35 GHz	1972
19720077253	Surface treatment and sensitization of semiconductor photocathodes	1972
19720077254	File Definition, file revision, and file maintenance enhancements to the Worldwide Data Management System (WWDMS): Operational capability description	1972
19720077255	Aircraft flight control systems field safety experience	1972
19720077258	Transonic aerodynamic characteristics of a free-spinning 0.187-scale M823 research bomb with nose vanes	1972
19720077259	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1972
19720077260	Investigation of problem areas in antenna group AN/SRA-1	1972
19720077261	Analysis of bearing errors in a four-element navigation antenna at UHF frequencies	1972
19720077262	SAFSCOM support EMP/RFI interface evaluation for USAEDM SAFEGUARD tactical ground facilities hardness program-EMP. Volume 1: EMP analytical techniques, penetration identifications and equipment lists for MSCB RB zone	1972
19720077263	Aerodynamic development program for an advanced tactical rocket launcher	1972
19720077265	Advanced production engineering for lithium niobate crystals for laser Q-switch	1972
19720077266	Surveying gyroscopes	1972
19720077267	The magnetic field of an unsymmetrical strip line with a magnetic keeper	1972
19720077268	The possibilities of using a Zener diode as a hydrostatic pressure sensor	1972
19720077269	Impact of dynamic reliability on airborne ASW search: A general approach and a case study of the P-3C	1972
19720077270	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors	1972
19720077271	VHF tactical channel simulator advanced development model	1972
19720077272	Bulk control components for microwave integrated circuits	1972
19720077274	Digital equipment susceptibility	1972
19720077275	NORSAR systems evaluation	1972
19720077276	European Autovon channel study	1972
19720077277	Advanced measurement techniques study for digital systems	1972
19720077278	Vulnerability of composite aircraft structures	1972
19720077279	Prime item development specification for navigation subsystem computer set, navigation, an/ayk-12, CI52K040.A, part 1	1972
19720077280	Study to extend the low frequency test capability in the main chamber of the AFFDL Sonic Fatigue Facility	1972
19720077281	Thermoelectric transducers, C.	1972
19720077282	Synthetic polymers with flammable-explosive properties, 1	1972
19720077283	Investigation of damage to the Sparrow rocket motor case due to waveguide antenna clip detachment	1972
19720077284	Single crystal dielectrics for high energy storage	1972
19720077285	Failure recurrence control plan for Sparrow 3 AIM-7F-4 guidance and control section	1972
19720077286	Systems research for radar, ECM and communications systems	1972
19720077287	Advanced conformal array antenna techniques	1972
19720077288	Research on low voltage, high performance cold cathode	1972
19720077289	Predicting the unstable operating domains of solid propellant rocket motors	1972
19720077290	Integrated solid state microwave sources	1972
19720077291	Analytical and experimental investigation of self-eject launched rockets	1972
19720077292	A/D-D/A converter	1972
19720077293	Lithium alloy anodes in organic electrolytes	1972
19720077294	Digital planimetric compiler	1972
19720077295	Development of fabrication techniques for Borsic (trade name) aluminum aircraft structures	1972
19720077296	A new approach to surface-to-air missile guidance law design	1972
19720077297	Parts reliability program plan for Sparrow 3 AIM-7F-4 guidance and control section	1972
19720077299	Production engineering measure for 25 mm intensifier diode array camera tube	1972
19720077300	Production engineering measure for high reliability aluminum electrolytic capacitors	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077301	Fast warmup quartz reference oscillator	1972
19720077302	Reliability program plan for sparrow 3 AIM-7F-4 guidance and control section	1972
19720077303	Evaluation of sonic Doppler log	1972
19720077304	Effects of error sources at four proposed timation 3 orbital conditions	1972
19720077305	A Doppler velocity meter	1972
19720077308	Space shuttle Attitude Control System (ACS) thruster penetration heating	1972
19720077309	Investigation of combustion instability in a turbofan mixed flow augmentor	1972
19720077310	Production engineering measure for moderate power laser arrays	1972
19720077311	Transport of photons through air using source-energy band structure from 300 keV to 2 keV. Appendix B: Data for source energies 190-160, 160-140, and 140-120 keV	1972
19720077312	Transport of photons through air using soruce-energy band structure from 300 keV to 2 keV. Appendix C: Data for source energies 120-105, 105-90, and 90-75 keV	1972
19720077313	Direct conversion of thermic energy into electricity: Thermoelectronic conversion	1972
19720077315	The Crotale system: Why, how?	1972
19720077317	Solar energy via microwave	1972
19720077318	PA 102 sight	1972
19720077319	Elimination of the tragedy of aircraft fires by the use of French light water	1972
19720077320	Two new surveying gyro-compasses	1972
19720077321	The production of special glass for science and technology	1972
19720077322	Color detection study	1972
19720077323	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the C-121 airplane	1972
19720077324	Flight test, evaluation and calibration of AIMS airborne ATRCBS equipment in the RA-5C airplane	1972
19720077325	EMP generated waveform specification of subsystem and circuits	1972
19720077326	Observations on precision gravimetry	1972
19720077327	Production engineering measure for beam lead integrated circuits	1972
19720077328	Manufacturing methods and technology measure for standard battery cases	1972
19720077329	Vector model T-202SC FM telemetry transmitter spectrum utilization characteristics	1972
19720077330	Tactical aircraft guidance system advanced	1972
19720077331	Ablator Insulated Ramjet Study (AIRS)	1972
19720077335	A two-dimensional wake model for the viscous trailing vortex pair formed downstream of a lifting wing	1972
19720077337	Hydrogen film cooling investigation	1972
19720077338	Noncontacting device to indicate deflection of turbopump internal rotating parts	1972
19720077339	SST technology follow-on program. Phase 1: Evaluation of pressure and water sealants	1972
19720077340	SST technology follow-on program. Phase 1: Development and evaluation of fuel tank sealants	1972
19720077341	SST technology follow on program. Phase 1: Transonic and supersonic test of the SST prototype air intake	1972
19720077342	UH-1N category 2 desert tests, appendix 4, volume 1	1972
19720077343	UH-1N category 2 desert tests, appendix 4, volume 2	1972
19720077344	Flightworthy graphite fiber reinforced composite aircraft primary structural assemblies. Volume 1: Tasks 1 through 5	1972
19720077345	Flightworthy graphite fiber reinforced composite aircraft primary structural assemblies. Volume 2: Tasks 6 through 12	1972
19720077349	The selection of ultrahigh speed fuses for protecting thyristors	1972
19720077352	Electroluminescent film display device	1972
19720077353	Fluerics 23: A bibliography, supplement 1: Limited distribution on reports	1972
19720077354	Accelerated service tests of new less flammable hydraulic fluid (MIL-H-83282)	1972
19720077355	Chatman 100 ampere regulated converter	1972
19720077356	Evolution of packaging design in support of air launched weaponry aboard the attack carrier	1972
19720077357	Manufacturing developments of a fuel and high temperature resistant channel sealant	1972
19720077358	Transport of photons through air using source-energy band structure from 300 keV to 2 keV	1972
19720077359	Design study on wire detection techniques	1972
19720077360	Prime item development specification for navigation computer program CI52KO41A, part 1	1972
19720077364	Evaluation for mission suitability and pilot acceptance, Sierra model 756 oxygen breathing mask	1972
19720077365	Study of the feasibility of lithospheric electromagnetic communications	1972
19720077366	Production engineering measure for low radiant power infrared sources	1972
19720077367	Corrosion behavior of copper-base alloys with respect to sea-water velocity	1972
19720077368	A feasibility study to determine the design parameters of a precision aerothermodynamic calorimetric system	1972
19720077369	Production engineering measure for improved reliability of mica transmitter capacitors	1972
19720077370	Program to develop high strength aluminum powder metallurgy products. Phase 3: Scale-up A	1972
19720077371	Launcher, rocket aircraft: 2.75 inch, M200A1 with RC fuze adapter	1972
19720077372	Visual target acquisition/attack	1972
19720077374	Signal data sound recording test set, an/asm-441	1972
19720077375	First article tests of two, type MS90365-1, nickel-cadmium aircraft batteries manufactured by Gulton Industries, Incorporated	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077376	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors	1972
19720077377	Testing of 19.2 KB/S Modem	1972
19720077379	LER floor shock test device: In-plant test report, test program	1972
19720077380	Direct simulation of encapsulating foams	1972
19720077381	Scattering of electromagnetic radiation, 3: An alternative integral equation with analytic kernals for the slotted cylinder problem	1972
19720077382	Computational scheme for predicting recession and in-depth heating of a two-material ablating system	1972
19720077384	Control systems used in modern rockets and jet engines	1972
19720077385	A continuum theory applied to wave propagation in structural composite materials	1972
19720077386	Indirect methods of determining flow past rotors of radial flow machines	1972
19720077387	Chalcogenide glass semiconductors	1972
19720077388	A device for cleaving oriented samples of semiconductors	1972
19720077389	Handbook for signal personnel	1972
19720077390	US Army Aviation R and D technical reports published in 1971	1972
19720077392	Tactical operations assessment, attack helicopter-daylight defense experiment CDCEC experiment 43.06	1972
19720077393	Cross coupling effects in a telescope system	1972
19720077396	Production quality assurance testing of a Minuteman 3 LGM-30G stage 2 rocket motor at simulated pressure altitude motors S/N PQA6-55	1972
19720077397	Interstitial model for cylindrical arrays	1972
19720077401	Production engineering measure for electronic quality assurance test equipment, automatic (equate)	1972
19720077402	Studies of silver interlayer photocathodes at 1.06 microns	1972
19720077403	Sampling tests of 17, type MS90321-79, nickel-cadmium battery cells, representing production lots 1 through 17, manufactured by Gulton Industries, Incorporated, under contract N00383-70-C-4525	1972
19720077404	Space communications	1972
19720077405	Sampling tests of eight, type MS90321-77, nickel-cadmium battery cells, representing lots 1 through 8, manufactured by Gulton Industries, Incorporated, under contract N00383-71-C-1598	1972
19720077406	Sampling tests of 42, type MS90321-84, nickel-cadmium cells manufactured by Gulton Industries, Incorporated	1972
19720077407	VHF monolithic filters	1972
19720077408	Sampling tests of one, type MS18045-44, nickel-cadmium aircraft battery, manufactured by Gulton Industries, Incorporated	1972
19720077410	Hardened Amplifier for Radiation Transients (HART), phase 2	1972
19720077411	Integrated receiver interference reduction techniques	1972
19720077412	Differentially coded PSK modem with error correcting encoder/decoder and ICF modem	1972
19720077413	Radio frequency isolators	1972
19720077414	Maintenance and enhancement of the AED system	1972
19720077415	Engineering test of surveying instrument azimuth, gyro, lightweight	1972
19720077416	Handbook of fluid filled, depth/pressure-compensating systems for deep ocean applications	1972
19720077417	Project briefs (completed projects supplement 10)	1972
19720077418	The linear motor (9)	1972
19720077419	Helicopter exposure and engagement times when firing a laser semiactive fire and forget missile	1972
19720077422	SHF airborne receiving antenna	1972
19720077423	Influencing the mechanical properties of metallic construction materials. Part 1: The nature of the metallic construction materials	1972
19720077424	Electrotechnical problems in fusion machines	1972
19720077425	An experimental parsing system for transition network grammars	1972
19720077426	Sampling tests of six, 12-volt, lead-acid batteries manufactured by Gould, Inc.	1972
19720077427	Laboratory and field test of hand held stabilized sights image compensating sights	1972
19720077428	UH-IN operational employment test	1972
19720077430	Device for spatial filtration of undesirable images	1972
19720077431	An analysis of proposed communications links for the joint reconnaissance center (J-3)	1972
19720077432	Measurement of metal hardening curves at high deformation rates	1972
19720077433	Sampling tests of one type MS90365-1, nickel-cadmium aircraft battery, manufactured by Gulton Industries, Inc., under contract N00083-70-C-3625	1972
19720077434	Quarterly Progress Report, 1 January - 31 March 1972	1972
19720077435	High efficiency octave bandwidth traveling wave tube	1972
19720077436	Sampling tests of four, type MS17334-2, nickel-cadmium batteries, manufactured by Marathon Battery Company	1972
19720077437	Testing of the HY-11 CVSD	1972
19720077438	Sweep-on jet crew mask	1972
19720077489	Investigation of propellant flow control system	1972
19720077490	Deep ocean microbiological studies. Phase 3: Design and test of a high pressure chemostat	1972
19720077491	Leveling, tide and gravity	1972
19720077492	A new aspect of the determination of the earth's external gravity field	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077532	Investigation of capsule hydrodynamics for the encapsulated missile launch concept (U)	1972
19720077534	Static stability, axial-force, and pressure distribution measurements on a Mark 12 shroud configuration at Mach numbers from 1.7 to 5 (U)	1972
19720077535	Thermal systems' performance evaluation using photographic thermal imagery (U)	1972
19720077603	Revised parameters for SAM-D fuze/warhead (U)	1972
19720077605	Mutual interference study (U)	1972
19720077621	Methods of improving the efficiency of photovoltaic cells	1972
19720077622	Investigations of lubricant rheology as applied to elasto-hydrodynamic lubrication	1972
19720077623	Infrared and photoelectric photometer development	1972
19720077624	Final report	1972
19720077625	Research on turbojet combustor pollutant formation	1972
19720077626	Structural geology and the lunar grid in the Littrow-Proclus area: Data from Apollo 15 metric photographs	1972
19720077627	Study of deep flaws in weldments of aluminum and titanium	1972
19720077628	Improved electroforming techniques	1972
19720077632	Project briefs (active projects)	1972
19720077636	Lightweight vacuum jacket for cryogenic insulation	1972
19720077637	Contamination avoidance devices for poppet type shutoff valves	1972
19720077646	High resolution infrared radiation sounder for the Nimbus F spacecraft	1972
19720077647	Solar cell radiation damage experiment	1972
19720077648	The synergistic effects of slip ring brush design and materials	1972
19720077656	Space Station Life Support Requirements and Considerations	1972
19720077657	Rotational engineering studies NR/SD	1972
19720077665	Progress report, 1 January - 30 June 1972	1972
19720077666	The contribution of geodynamics to astronomy	1972
19720077667	Deflections of the vertical	1972
19720077668	The thermal conductivity of pure water and standard sea water as a function of pressure and temperature. Part 1: Experimental instrumentation	1972
19720077669	Digitally controlled hyperplane	1972
19720077670	Airfields in the sea	1972
19720077671	Enriched uranium	1972
19720077676	Lunar Studies	1972
19720077677	Studies of the biophysical characteristics of bacterial cell surfaces	1972
19720077678	The application of system theory methods to power processing problems	1972
19720077679	Development of high temperature silicone adhesive formulations for thermal protection system applications	1972
19720077680	Behavior of nozzles and acoustic liners in three-dimensional acoustic fields	1972
19720077681	High resolution study of the solar X ray corona from Aerobee 170 rockets	1972
19720077682	Instabilities in fissioning plasmas as applied to the gas-core nuclear rocket engine	1972
19720077683	Laboratory simulation of meteor phenomena	1972
19720077684	Continuing data analysis of the AS&E grazing incidence X ray telescope experiment on the OSO-4 satellite	1972
19720077696	Composite lines for space shuttle vehicle	1972
19720077699	Study of advanced techniques for determining the long term performance of components	1972
19720077700	Principal photo-radiometric units and quantities	1972
19720077701	Effects of sensor precision on orbit determination	1972
19720077702	Response analysis for an accelerated cantilever beam in a centrifugal field	1972
19720077707	Report of test on three phase heater transformer, 373234, Scott Electronics Corporation, FSCM 21908	1972
19720077708	Report of test on three phase power transformer, 373298, Robert M. Hadley Company	1972
19720077709	Lightning protection techniques for large canopies on high speed aircraft	1972
19720077710	SARIS viewer evaluation	1972
19720077711	Production Engineering measures for the PP-6075 ()/U thermoelectric power source	1972
19720077713	Final report, 1 April 1971 - 31 March 1972	1972
19720077717	Noncontacting device to indicate deflection of turbopump internal rotating parts	1972
19720077718	Unified network testing study, phase 1	1972
19720077721	Star scanner study program	1972
19720077722	Test hardware design for insulating sleeve test (TIS DT-217)	1972
19720077723	Supersonic rain and sand erosion research: Characterization and development of erosion resistant materials	1972
19720077731	Minuteman ground electronics systems, WS-133AM/WS-133B, model specification, Keyboard-Printer Set MX-9115/G, Figure A 14062	1972
19720077733	Examination of the bis(2-4-dinitrophenyl) pyalate chemiluminescent system for illuminating a small projectile	1972
19720077735	Trip report: A preliminary design review of a manned Astronomical Space Telescope (MAST)	1972
19720077736	Photoheliograph thermal control study	1972
19720077738	Space shuttle auxiliary propulsion (aps) valves	1972
19720077740	France: Nuclear, missile, and space developments, no. 326	1972
19720077741	Tensile properties of irradiated beryllium	1972
19720077742	Multi specimen high temperature thermal expansion system	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720077743	Terminal defense program real-time software development	1972
19720077744	Experimental Array Radar (EAR) electromagnetic radiation interference	1972
19720077745	A target reflection and emission model based on target geometrical characteristics and target-material optical properties	1972
19720077746	Separation trajectories for the SUU-51B/B store from the F-4C aircraft	1972
19720077747	TOW	1972
19720077751	Space shuttle auxiliary propulsion system design study	1972
19720077752	Thermal performance of multilayer insulation	1972
19720077762	Lectures on the nonlinear theory of plasmas	1972
19720077763	An annotated catalogue of experiments relating to the nerva core physics, for the period 1965 - 1971	1972
19720077764	Monolithic catalyst bed for hydrazine reactors	1972
19720077765	Office of Space Science program management report, March 1972	1972
19720077779	Integrated observation system, AN/GVQ-10 (U)	1972
19720077780	Advanced nitramine-filled nitrocellulose propellants (U)	1972
19720077781	Modeling of S band helicopter radar cross section (U)	1972
19720077782	OT and E of SST-181X/ALQ-94 for F-111/RBS low altitude tracking (U)	1972
19720077783	AN/APQ-122(V)1 radar and AN/PPN-17 transponder compatibility OT and E (U)	1972
19720077785	Quarterly compilation of abstracts on completed test, experimental, and development (TED) projects (U)	1972
19720077802	Analysis of combat damage on H-46 helicopters in Southeast Asia for the calendar years 1966 and 1967 (U)	1972
19720077804	Technical letter progress report (U)	1972
19720077805	FASOR 1: Data report, forward area sonar research program, May - September 1964, Northwestern Pacific Ocean (U)	1972
19720077808	Haven Max (cold thrust augmentation, V/STOL) transport aircraft design study (U)	1972
19720077819	Improved binders for propellant application (U)	1972
19720077820	Surveillance of Tartar rocket motor Mk 27 Mod 2 (U)	1972
19720077830	CW chemical laser fluid/reactive flow studies in FY 1971 (U)	1972
19720077833	Interior ballistic evaluation of concepts for the Selective Effects Armament Subsystem (SEAS) (U)	1972
19720077834	Explosives research and development (U)	1972
19720077836	Preliminary evaluation of the AN/AQS-13B sonar set (U)	1972
19720077839	Deployment and surge test for A-7D (U)	1972
19720077841	Human performance reliability in command and control systems: The naval tactical data system (U)	1972
19720077842	NUC hydrofoil towed system development program, summary (U)	1972
19720077848	Portable laser target designator for use in the A-6 airplane (U)	1972
19720077850	Conduct an operational appraisal of the destroyer/ helicopter system (LAMPS) (U)	1972
19720077851	End burning technology (U)	1972
19720077858	Rocket motor Mk 1 Mod 0 ASROC type-life program (U)	1972
19720077865	A study of factors basic to the development of millimeter wave radiometric terminal tracking (U)	1972
19720077883	B-70 Aircraft Characteristics	1972
19720077935	RAM for film and transpiration cooled material (U)	1972
19720077939	Application of a computer simulation and optimization of a 3-D engagement between a SAM and tactical aircraft to determine optimum evasive tactics for AC-130 gunships (U)	1972
19720077961	Development test of the surface attack guided missile (SAGMI) (U)	1972
19720077965	Pulse compression repeater development (U)	1972
19720077990	Defense suppression task 052 - munition evaluation (U)	1972
19720078070	Evaluation of modal analysis techniques	1972
19720078071	Orbital docking dynamics, phase 1	1972
19720078073	Convection in space processing (M512), phase A report	1972
19720078074	Investigation of the difficulties associated with the use of lead telluride and other II-VI compounds for thin film thermistors	1972
19720078075	A standard for ultraviolet radiation	1972
19720078076	Research studies and investigations of communication satellite studies	1972
19720078083	Synthesis of precursors of new polymer systems	1972
19720078084	Spaceflight tracking and data network mission requirements summary - Revision 3	1972
19720078085	Composite tanks with load sharing liners	1972
19720078088	Continuation of high altitude clear air turbulence studies	1972
19720078092	Perspectives of the systems approach	1972
19720078102	Investigation of the solidification, structure and properties of eutectic alloys including consideration of properties control	1972
19720078103	France: Nuclear, missile, and space developments, no. 324	1972
19720078104	Development of advanced materials composites for use as insulations for LH2 tanks	1972
19720078107	Steady state interaction between radiation and matter in stellar atmospheres	1972
19720078108	Annual report, 1 September 1971 - 1 September 1972	1972
19720078109	A theoretical and experimental study of the ionosphere using radio signals from earth satellites	1972
19720078110	Evaluation of Metal Bellows Technology for Space Shuttle Reaction Control System Application	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078114	Internal insulation system development	1972
19720078115	Cryogenic research and development	1972
19720078116	AI-MSG cooperative test project	1972
19720078117	Progress Report, 1 July 1971 - 30 June 1972	1972
19720078122	High Energy Astronomical Observatory (HEAO) experiment ACR-6 mass properties (MSFC responsibility)	1972
19720078124	STDN station readiness test for the OAO-C mission	1972
19720078126	An organic fiber/epoxy filament wound vessel	1972
19720078127	Self evacuating multilayer insulation for space shuttle vehicles	1972
19720078128	Development of a method for fabricating metallic matrix composite shapes by a continuous mechanical process	1972
19720078129	France: Nuclear, missile, and space developments, no. 326	1972
19720078130	France: Nuclear, missile, and space developments, no. 325	1972
19720078131	Design, manufacture and testing of zero-gravity condenser: integration of evaporator, condenser, and auxiliary components	1972
19720078132	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation system	1972
19720078133	Design, manufacture and testing of zero-gravity condenser: Integration of evaporator, condenser, and auxiliary components	1972
19720078134	Monopropellant engine investigation for space shuttle reaction control system	1972
19720078135	Shuttle APS propellant thermal conditioner study	1972
19720078136	Internal insulation system development	1972
19720078137	Liquid oxygen-compatible filament-winding matrix resin	1972
19720078138	Advanced space engine preliminary design	1972
19720078140	EROS data center simulation	1972
19720078143	Office of Applications program management report, March 1972	1972
19720078144	Office of Space Science and Office of Applications program management report, February 1972	1972
19720078145	Office of Space Science program management report, May 1972	1972
19720078150	Study of deep flaws in weldments of aluminum and titanium	1972
19720078151	A study of gas solubilities and transport properties in fuel cell electrolytes	1972
19720078152	Composite reinforced propellant tanks	1972
19720078153	Monopropellant engine investigation for space shuttle reaction control system	1972
19720078154	High performance ambient heat pipes	1972
19720078165	Two-dimensional temperature distributions in an aluminum cylinder when irradiated by nuclear thermal pulses	1972
19720078166	Study of causes of pavement Deterioration. Investigation of techniques and/or methods to retard D line cracking in PCC pavements and structures	1972
19720078167	Operation of aircraft fuel depots and the accomplishment of aircraft servicing	1972
19720078168	DIN simulator program reports	1972
19720078169	DIN simulator users manual	1972
19720078172	Research and development of a high energy non-aqueous battery power source	1972
19720078173	Design of an IFF interrogator Mode 4 control box	1972
19720078174	HMS Matapan hydroacoustic test planning under NAVSHIPS 902 task 01-J25	1972
19720078175	RF compatibility test on improved shroud flight configured R/S	1972
19720078191	Quality assurance briefs	1972
19720078192	Study of methods for protecting hybrid microcircuits from contaminating particles	1972
19720078199	Methods of observation with gyrotheodolites	1972
19720078200	The laser	1972
19720078201	Qualification tests of Mobil Research and Development Corporation grades 1100 and 1065 aviation engine oils	1972
19720078202	Study of the requirement for engine oil quantity gaging	1972
19720078203	Comb filter design. Computer synthesis and analysis	1972
19720078204	Wind tunnel data on the transonic aerodynamic characteristics of close coupled canards with varying planform, position and deflection relative to a 50 deg swept wing	1972
19720078206	Environmental fluidic device for safing and fuzing ordnance	1972
19720078207	Project Offload: Application of LOR (level of repair) to selected avionics system	1972
19720078208	Production engineering measure for zinc/air primary batteries	1972
19720078209	Force tests on the B-1 bomber separable-pod crew escape module in proximity to the parent fuselage with cold-flow rocket plume simulation at Mach numbers 1.50 through 2.25 (Phase 3)	1972
19720078215	Special Engineering Analysis (SEA), US Army/Air Force Program no. T53 H005. Service Revealed Difficulties (SRO), US Navy Program no. T53 H101	1972
19720078235	Payload handling capability of the Space Transportation System (STS)	1972
19720078236	AS-11/B stereoplotter experiments and studies	1972
19720078241	RCS reduction for advanced carrier-based aircraft. Appendix A: Inlet duct RCS test data	1972
19720078242	Hybrid multilevel film interconnection	1972
19720078243	Satellite magnetic survey: Test report SESP flight p72-1	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078244	Production engineering measure for an S-band 10-20 watt transistor	1972
19720078246	Photochromic film display advanced development model	1972
19720078248	Sensitive thick film IF amplifier and discriminator	1972
19720078249	Advanced interconnection and packaging techniques for integrated circuits	1972
19720078252	Passivation of copper in hydrocarbon media	1972
19720078255	Technical evaluation of antenna pedestal group AN/UPA-57	1972
19720078256	Surveillance test stage 1 and 2 start cartridges LGM-25C	1972
19720078257	LRAPP vertical array preliminary design study, phase 1	1972
19720078258	Manufacturing methods and technology measure for nickel-zinc secondary batteries	1972
19720078259	Inverse radar	1972
19720078260	Results of analysis of an inertially stabilized canard ring-wing control concept	1972
19720078261	Report of test on single-phase heater transformer, 373305, Raytheon Company	1972
19720078262	Report of test on single-phase power and heater transformer, 373289, Robert M. Hadley Company	1972
19720078263	Report of test on three-phase heater transformer, 373234, Raytheon Company	1972
19720078264	Report of test on single-phase high voltage transformer, 373318, Raytheon Company	1972
19720078265	Fluidic altitude computer phase 4	1972
19720078266	A limited evaluation of the Knollsman Instrument Corporation altimeter: Transducer and solid state encoder altitude reporting system	1972
19720078267	The static aerodynamic characteristics of the BLU-58	1972
19720078268	Digitally addressed electron beam display	1972
19720078269	Push down list memory element (PUDL) development	1972
19720078275	Report of test on single-phase heater transformer 373350, Raytheon Company	1972
19720078276	Report of test on single-phase heater transformer, 373305, Magnetika, Incorporated	1972
19720078277	Production engineering measure for an electron-beam machine and microwave transistors	1972
19720078278	Exploratory development of an integrated hybrid transistor switch (IHTS)	1972
19720078279	Aerospace multiprocessor executive	1972
19720078280	Applied science division progress report, 1 January - 31 March 1972	1972
19720078289	MIMIS and MIAS: A comparison of the major item management information system design guidance with the major item automated system general functional systems requirement	1972
19720078290	Investigation of the flow field beneath the wing of the F-4C aircraft with various external stores at Mach number 0.85	1972
19720078293	Cockpit compatibility evaluation RB-57F and F-4D aircraft	1972
19720078296	The effect of urea deicing material on engine compressor alloys	1972
19720078297	Thin film hybrid pulse width discriminator circuit fabrication	1972
19720078304	Report of test on three-phase power transformer, 373298, Raytheon Company	1972
19720078307	Production Engineering measure for multi-electrode crystals, 30 to 70 MHz, type CR-(XM-72)U and CR-(XM-73)-U	1972
19720078311	Small electric primers design, develop and fabricate	1972
19720078312	Sidewinder rocket motor Mark 36 Mod 5 paint test evaluation program	1972
19720078314	Prediction methods for near field noise environments of VTOL air craft	1972
19720078320	Verification testing of multimeter AN/USM-311 (contract number N00039-70-C-2537)	1972
19720078321	Modification of propellant binders	1972
19720078322	Interim radar target classification report	1972
19720078324	On the eigenvalues of the normal matrices obtained in adjustment by the method of least squares	1972
19720078325	Some comments of the sample charts and reproductions of the Orthophoto Chatel St. Denis 1:25,000	1972
19720078326	Practical formulation of the earth's gravity field by regionalized functions	1972
19720078327	Comparison of characteristics of four types of passive sonar targets	1972
19720078328	Lance vulnerability and hardening program, test plan. Annex A: General procedures	1972
19720078329	Research and development programs of the Flight Control Division, AF Flight Dynamics Laboratory, prepared for the SAE	1972
19720078330	Design considerations for submarine hydraulic systems, with a review of submarine hydraulic systems since 1940 and current hydraulic practices in various industries, addendum	1972
19720078331	Air acoustic direction-finding, directional, and classification techniques	1972
19720078334	Evaluation of the Dry-Process Photorecorder (DPP) concept	1972
19720078335	Mistuning of AN/URA-38 and AN/URA-38A antenna coupler groups in the presence of interfering signals	1972
19720078336	High-energy, axial-discharge pulsed CO2 laser Redstone Arsenal, Alabama, 4 April 1972	1972
19720078337	ZAP rocket motor ignition system-2	1972
19720078338	Flight test evaluation and calibration of AIMS airborne atcrbs equipment in A-4C and A-4L airplanes	1972
19720078339	Integrated solid-state transceiver	1972
19720078340	Gain Patriot qualification test report staging G-switch P/N 332612-1	1972
19720078346	Pulse gating laser beams	1972
19720078347	Aerodynamic characteristics of several action missile configurations at Mach numbers 0.3 to 1.4	1972
19720078348	Separation characteristics of the B-57 bomb from the F-4C aircraft equipped with ECM pods at Mach numbers from 0.605 to 1.30	1972
19720078349	KS-67A camera system modification	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078350	Conversion of DCS performance simulator discrete models	1972
19720078354	Resistor, fixed film qualification report	1972
19720078355	Pushbutton switch partial qualification	1972
19720078373	Multilayer and fine line processing techniques	1972
19720078374	Missile electronic system hardness assurance program	1972
19720078376	Qualification status of Raytheon transformer	1972
19720078378	Evaluation of areas common to transmitter and receiver beams	1972
19720078379	Behavior of some axial gradient lasers	1972
19720078380	Color orthophotomaps	1972
19720078381	T53 product support and component improvement programs	1972
19720078382	Photogrammetric image dissector scanner study	1972
19720078383	The development of computer aided preliminary design capabilities for Army tactical missile systems	1972
19720078384	Human vibration response measurement	1972
19720078385	Suitability for use of surveying instrument, azimuth, gyro lightweight	1972
19720078386	On the solution of Bjerhammars problem in mountainous terrain	1972
19720078391	Air-to-air fire control exposition, phase 1 (EXPO 1)	1972
19720078393	Development and test report for XM511E2 shipping and storage container Lance nuclear warhead sections and adaption kits	1972
19720078394	Fourth surveillance of Air Force held Mk 51 Mod 0 under seat rocket motors (P/N MBEU 1850 RU)	1972
19720078395	Engineering test of Forward Area Refueling Equipment (FARE)	1972
19720078396	Interferometric experiments on the atmospheric effects on photo recon	1972
19720078397	Aircrew flight gloves	1972
19720078398	Dual channel fluidic programmer development	1972
19720078399	Evaluation and characterization of binder constituents	1972
19720078400	Solar Collector Thermal Power System (SCTPS)	1972
19720078401	Category 2 systems follow-on tests of the HH-53C helicopter	1972
19720078406	UHF moderate gain airborne antenna advanced program	1972
19720078407	Test report: Upper stage/satellite functional integration test, space test program flight P72-1	1972
19720078416	Aerodynamic characteristics of a quickstrike mine configuration at Mach numbers from 0.5 to 1.2	1972
19720078418	Equipment reliability-test analysis of radio set AN/ARC-145 task 2, test program monitoring	1972
19720078419	Computer program documentation for cost analysis in accordance with AFLCM 66-18 (C4), Chapter 15, for the AN/ARC-144 and -145 radio sets	1972
19720078420	Accuracy of flight level measurements Airborne Weather Reconnaissance System (AWRS)	1972
19720078421	Lightning effects relating to aircraft. Part 1: Lightning effects on and electromagnetic shielding properties of boron and graphite reinforced composite materials	1972
19720078422	Lightning effects relating to aircraft. Part 2: Characteristics of simulated lightning flashes and their effects on lightning arresters and avionic equipment	1972
19720078425	AN/ASA-16 tactical data control	1972
19720078426	Flight test and evaluation of the modernized communication, navigation, and identification systems for the F-8J airplane	1972
19720078427	Quick draw technical report	1972
19720078428	Gamma differential energy flux and pulse height spectra above a U-235 fission product fallout field	1972
19720078429	Precise gravity survey in Miura and Boso peninsulas	1972
19720078430	The 1967 geodetic reference system and the calculation of gravity anomalies	1972
19720078431	The astrogeodetic geoid for French territory	1972
19720078454	Progress in the field of optical glass	1972
19720078458	A fiberglass reinforced plastic nose adapter for the torpedo, Mk 48, Mod 1	1972
19720078459	Special testing of radiacmeter IM-192/WDQ to determine causes of in-service failures	1972
19720078463	Thick film material specifications	1972
19720078484	Hybrid system 621B/inertial navigation system (U)	1972
19720078487	Variable wing designs. Volume 1: Program overview (U)	1972
19720078488	Variable wing designs. Volume 2: Technical discussion (U)	1972
19720078491	Radar set AN/TPS-58A ET/ST (U)	1972
19720078500	Vulnerability analysis of a thrust augmented rescue aircraft (U)	1972
19720078501	Radar techniques program (U)	1972
19720078503	Dual band, vari-polarization beacon antenna (U)	1972
19720078507	Manufacturing methods and technology measure for 18 mm gateable microchannel plates (U)	1972
19720078508	Service life listing and surveillance status of propulsion devices and auxiliary power systems. Change 7 (U)	1972
19720078510	Ramburner structural materials technology program, volume 2 (U)	1972
19720078516	Systematic investigation of high pressure propellant ballistics (U)	1972
19720078525	Evaluation of the laser guided Rockeye munition GBU-1/B (U)	1972
19720078527	Analysis of combat damage on H-3 helicopters in Southeast Asia, 1965 - 1970 (U)	1972
19720078531	Surveillance of the ASROC rocket motor Mk 1 and Mk 37 and igniter Mk 251 (U)	1972
19720078535	Hydrocarbon-fueled scramjet. Volume 11: Combustion demonstration program (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078538	A comparative evaluation of the ejector wing V/STOL concept. Applications of cold thrust augmentation technology V/STOL, D095 (U)	1972
19720078540	Compilation of the preliminary hardsite demonstration analyses (U)	1972
19720078544	The use of inductive energy storage as a source of transient magnetic field in seawater (U)	1972
19720078546	Plume-signal interference. Part 2: Plume-induced noise (U)	1972
19720078548	Program GUTS2: A point-in-space interceptor guidance and tracking simulation with nuclear blackout (U)	1972
19720078549	Solid-propellant combustion instability suppression devices. Volume 2: Survey of applications of mechanical suppression devices in solid-propellant rockets (U)	1972
19720078553	Target enhancement techniques (U)	1972
19720078554	Infrared surveillance device (field evaluation) (U)	1972
19720078564	Production missile testing of AIM-7E-2 lots 29, 31, 32, and 33. Contract N00019-69-C-0358 (U)	1972
19720078568	Multisensor correlation for ocean surveillance: Problems and limitations (U)	1972
19720078570	Advanced photochromic/CRT projection plotting unit for operations Summary Group display oa-8393(V)/ UYA-4(V) (U)	1972
19720078572	The 5-inch guided projectile against non-maneuvering crossing air targets (U)	1972
19720078574	Integrated Observation System (IOS) AN/GVQ-10 (U)	1972
19720078575	An experimental investigation of ablative thrust chambers and variable-thrust injectors with CPF/MHF-5 propellants and positive expulsion from tapered tanks (U)	1972
19720078581	Transverse forced vibration of a flexible cylinder in axial flow (U)	1972
19720078605	Infrared experimental instrument (U)	1972
19720078648	ALR-45 antenna evaluation for extended frequency coverage (U)	1972
19720078702	Quality assurance program for SNAP programs	1972
19720078703	NERVA control drum span	1972
19720078704	solid state physics	1972
19720078705	Gaseous hydrogen embrittlement test plan	1972
19720078706	LSS AFT seal thermal stresses	1972
19720078707	Physical properties of copper boron materials	1972
19720078708	Radiation analysis of the alternate cluster hardware designs	1972
19720078709	Tensile properties of cryogenically irradiated Al 6061-T651 plate	1972
19720078711	Noncorrodible core periphery insulation alternate materials screening program	1972
19720078712	Experimental and theoretical investigation of an inertial electrostatic confinement device	1972
19720078713	Computer program for statistical analysis of materials properties data	1972
19720078714	Graphitite G: Linear thermal expansion	1972
19720078715	Tensile strength of grafoil	1972
19720078716	ZrC, 39 percent dense material properties data, fine - 235 mesh 10 micron-KBI	1972
19720078717	Tensile properties of irradiated TZM molybdenum bar	1972
19720078718	Post irradiation fracture toughness of graphitite G	1972
19720078719	Tensile properties of graphitite G	1972
19720078720	Comparison of insulating sleeve designs	1972
19720078721	Compressive properties of NbC/graphite composite	1972
19720078722	Report on final status of the simplified wrapper buckling test (TIS DE-209) and fabrication of the TZM wrapper strips	1972
19720078723	Fracture toughness of H2 leached low density ZrC	1972
19720078724	Thermal expansion of grafoil	1972
19720078725	Summary of preliminary testing of candidate actuator potentiometers for the nerva reactor	1972
19720078727	Kinetics of NERVA startup from a subcritical condition with a source	1972
19720078728	Summary of thermal fluid analyses of alternate noncorrodible hot end hardware	1972
19720078729	Thermal conductivity of laminated grafoil	1972
19720078730	Crushable base for secondary support hangers (drawing 388D085)	1972
19720078731	Preliminary evaluation of W-0.35 a/o Hf-0.35 a/o C alloy properties for HEH applications	1972
19720078732	Burst testing of the NERVA turbopump	1972
19720078733	Development of a computational model for optimum correlation with the photoelastic test data for the first stage TPA impeller	1972
19720078734	NERVA turbopump bearing retainer fabrication non-metallic retainer	1972
19720078738	Rate of change of photon energy deposition rate simulation capabilities	1972
19720078739	First generation microcircuit fabrication	1972
19720078744	LMFBR fuel cycle studies. 1: Aqueous fuel reprocessing. 2: Fuel fabrication and evaluation	1972
19720078745	Results of lateral support static test, TIS DE-172	1972
19720078746	Monthly technical progress report, January 1972	1972
19720078751	Interagency mechanical operations group, subgroup on joining. Minutes on meeting eight. Part 1: General session	1972
19720078752	Interagency mechanical operations group, subgroup on joining. Minutes on meeting eight. Part 2: Electron beam welding research	1972
19720078755	ZrC, 46 percent dense materials properties data, fine-325 mesh 10 micron KBI	1972
19720078757	Friction study of NERVA core periphery and lateral support materials	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078758	Determination of densities, surface area	1972
19720078759	Friction tests for NERVA core periphery in H2	1972
19720078760	Reactor development program	1972
19720078761	Interface control and MRL phasedown report	1972
19720078762	NERVA piping flexibility analysis methodology	1972
19720078763	A 75 K NERVA thermal and fluid flow analysis	1972
19720078773	Digital computer programs for steady-state or transient temperature analysis of plane and axisymmetric bodies by the finite element method. Programs E12202, E12205, E12206, E12207	1972
19720078774	Chilldown study of the single stage inducer test rig	1972
19720078785	Production, 18.8 Deg, of low energy pions from the internal BeO target at G10	1972
19720078786	Graphite fuel element sleeves for high temperature gas cooled reactors	1972
19720078787	Determination of densities, surface area, particle size distribution, average particle size, and porosity of three UO2 fuel powder samples	1972
19720078789	Initial studies with the inner shell vacancy detector: Pm-145, Am-241, Ag-110m, and U-23mf	1972
19720078791	Test controller's geophone system: A seismological system operated by Sandia Laboratories at the Nevada test site	1972
19720078792	Interagency Mechanical Operations Group: Subgroup on Gaging	1972
19720078793	Gas phase radiolysis and vacuum ultraviolet photolysis of heterocyclic organic compounds	1972
19720078795	LH2 pump component development testing in the electric pump room at test cell C inducer no. 1	1972
19720078796	Thermal material properties	1972
19720078797	Computer code to calculate thermocouple errors	1972
19720078798	ZrC, 45 percent dense material properties data, minus 325 mesh 25 micron Wah Chang	1972
19720078799	Operations Division	1972
19720078801	Research in nuclear chemistry	1972
19720078802	Thermodynamics, mechanism, and kinetics of vaporization processes	1972
19720078807	Reactor development program	1972
19720078808	Reactor development program	1972
19720078809	A-286 cold worked wire properties	1972
19720078810	Thermal conductivity of NbC graphite composite	1972
19720078811	Stored energy release in graphite	1972
19720078812	Testing of stepping motor for actuator drive	1972
19720078813	Control drum and SSCV actuator transmission	1972
19720078817	Control system synthesis based upon finite settling time response criterion	1972
19720078826	Spacecraft timing equipment	1972
19720078827	Modular space station external communications	1972
19720078831	Investigation of the detectivity of radiation produced defect levels in n-type and p-type silicon and germanium	1972
19720078832	The solar atmosphere and the structure of active regions	1972
19720078836	Technical consulting services for earth resources program	1972
19720078837	Monthly Report, August 1972	1972
19720078839	Advanced space program analysis and planning	1972
19720078841	Research on turbojet combustor pollutant formation	1972
19720078842	Teleoperator technology applications for the handicapped	1972
19720078843	High resolution spectroscopy in support of ATM experiments	1972
19720078845	Study of deep flaws in weldments of aluminum and titanium	1972
19720078847	High temperature eutectic composite and its modification	1972
19720078848	Composite lines for space shuttle vehicle	1972
19720078849	POGO instabilities suppression evaluation	1972
19720078852	Improved electroforming techniques	1972
19720078853	Regeneratively cooled rocket engine for space storable propellants	1972
19720078855	Forward production of charged secondaries	1972
19720078858	Extended temperature range ACPS thruster investigation	1972
19720078859	Research on optical aircraft equipment	1972
19720078860	Space shuttle auxiliary propellant valves	1972
19720078861	Self evacuating multilayer insulation for space shuttle vehicles	1972
19720078862	Spacecraft Cell Testing program	1972
19720078863	Space Cell Test program	1972
19720078865	Integrated thruster assembly investigation	1972
19720078866	Space shuttle Attitude Control System (ACS)	1972
19720078867	Design, fabrication, testing, and delivery of shuttle heat pipe leading edge test modules	1972
19720078868	Investigation of bubbles in arterial heat pipes	1972
19720078869	Wall mounted heat exchange characterization	1972
19720078870	Thermal performance of multilayer insulation	1972
19720078871	Advanced hydrogen/oxygen thrust chamber design analysis program	1972
19720078872	Advanced space engine preliminary design	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078873	Strength of an organic fiber in an epoxy matrix	1972
19720078874	Composite lines for space shuttle vehicle	1972
19720078885	Analysis and synthesis of manual control systems	1972
19720078889	Stage A development of the vx6546 gate turn-off thyristor	1972
19720078890	A general survey of Transient-Radiation effects on Electronics (TREE) with particular reference to semiconductor devices	1972
19720078891	Static test firing of LGM-30F stage 1 rocket motor S/N 0013045 Minuteman surveillance program	1972
19720078892	Study of windows for pulsed CO ₂ lasers	1972
19720078893	Propellant surveillance report, LGM-30 stage 1, TP-H 1011 and TP-H 1043	1972
19720078894	Preliminary investigation of the vibrations of the walls of the test cells for J-79-11A GSMW jet engines at the Woensdrecht Air Base	1972
19720078896	Test and evaluation of Curtiss Wright model EAU-7/E gas turbine engine sonic analyzer, eighth interim report on work unit	1972
19720078897	Development of new high temperature glazing polymers	1972
19720078898	Modification program for the 837K-1 antenna	1972
19720078899	VON simulator user's manual	1972
19720078900	Production engineering measure for 18 mm microchannel wafer image intensifier tube	1972
19720078901	BESTAW program, a FORTRAN program for the IBM 360 computer for thermal irradiation evaluation of oxidic fuel rods	1972
19720078902	Accuracy test of the digital Doppler scoring system	1972
19720078912	Flight simulation test report: SESP flight P72-1	1972
19720078914	Improved position locator	1972
19720078920	Development of facilities accounting and airfield operations computer programs for project wire	1972
19720078921	High-temperature complex permittivity measurements on reentry vehicle antenna window materials	1972
19720078922	Electrical loads data test report: Space test program flight P72-1	1972
19720078931	Evaluation of the AN/ASM-81C integrated electronics central test harness for support of the LS-460B/AIC intercom station	1972
19720078932	A-6A ground support equipment, crane, hangar deck portable	1972
19720078934	Product improvement program for Navy model H-2 hydraulic engine starter	1972
19720078936	Development of Atmospheric Research System (ARS). Volume 5: Flight test of U-1 foil and ARS on WC-135B aircraft	1972
19720078937	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors	1972
19720078938	Sky brightness calculations for 450, 550, and 650 nm wavelength point isotropic sources in model atmospheres. Volume 1: Description of calculations	1972
19720078939	Sky brightness calculations for 450, 550, and 650 nm wavelength point isotropic sources in model atmospheres. Volume 2: Radiance data for 450 nm wavelength light	1972
19720078940	Sky brightness calculations for 450, 550, and 650 nm wavelength point isotropic sources in model atmospheres. Volume 3: Radiance data for 550 nm wavelength light	1972
19720078941	Sky brightness calculations for 450, 550, and 650 nm wavelength point isotropic sources in model atmospheres. Volume 4: Radiance data for 650 nm wavelength light	1972
19720078942	Sky brightness calculations for 450, 550, and 750 nm wavelength point isotropic sources in model atmospheres. Volume 5: Scattered and unscattered flux data	1972
19720078943	E-2C airplane OI-77/ASQ computer programmer maintainability demonstration; third report on the work unit	1972
19720078944	Minigate 2	1972
19720078945	The effects of atmospheric variation on fire control accuracy	1972
19720078946	Military potential test (engineering and safety evaluation) of improved troop type personnel parachute harness	1972
19720078947	TF34-GE-2 engine qualification sea level low and high temperature starting and acceleration tests	1972
19720078948	Production engineering measure for mechanized production and test equipment for high volume subminiature ceramic chip capacitors	1972
19720078949	Surveillance of Mk 72 Mod 0 under seat rocket motor	1972
19720078950	Limited Navy technical evaluation of the NRL P-3A airplane	1972
19720078952	Evaluation tests of alkaline vent caps	1972
19720078953	Coupling of epoxy polymers to graphite fibers	1972
19720078954	A-7D brake tests with modified antiskid braking system	1972
19720078955	Design and process improvement study for the retainer ring on XM207E1 warhead	1972
19720078956	Future trends in chemical propellants	1972
19720078957	The effect of aerodynamic drag on ramjet-driven horizontally flying missiles during the booster phase	1972
19720078958	On the estimation of the equations of nonlinear parabolic differential equations	1972
19720078959	Kinetic study of the chlorine electrode in molten ionic media	1972
19720078962	Preliminary evaluation of candidate alloys for containing aqueous film-forming-foam concentrate	1972
19720078963	Development of lead-tin telluride detectors	1972
19720078964	Mission analysis on future undergraduate pilot training: 1975 through 1990. Volume 1: Final report	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720078965	Mission analysis on future undergraduate pilot training: 1975 through 1990. Volume 5, appendix I: Evaluation of alternative future UPT systems. Appendix J: UPT mission analysis findings	1972
19720078966	Helicopter/Sparrow demonstration program phase 1: Design and analysis. Volume 2: Structural analysis	1972
19720078967	Helicopter/Sparrow demonstration program phase 1: Design and analysis. Volume 3: Drawings unbound	1972
19720078968	Orbit-to-orbit shuttle engine design study. Book 3: 25 K pound engine maintenance, development plans, cost estimates and 10 K pound, engine design	1972
19720078969	Orbit-to-orbit shuttle engine design study. Book 4: Appendices	1972
19720078972	Development of integrated environmental control system designs for aircraft. Volume 1: ECS design	1972
19720078973	Development of integrated environmental control system designs for aircraft. Volume 3: IECS computer program users manual	1972
19720078974	Subsonic unsteady aerodynamics for general configurations. Part 2, volume 2: Computer program N5KA	1972
19720078975	Autonomous navigation technology phase 0 study. Volume 2: Appendixes	1972
19720078976	Radiation-tolerant laser gyro subsystem development. Volume 2: Appendixes	1972
19720078978	UH-1N category 2 Arctic tests, appendix 4, volume 1	1972
19720078979	UH-1N category 2 Arctic tests, appendix 4, volume 2	1972
19720078980	Category 2 performance test of the UH-1N helicopter, volume 2	1972
19720078981	PHOENIX F-14 armament system. System Engineering Analysis (SEA). Volume 6: Maintainability and ground support equipment	1972
19720078982	Standardization of signal generators, task A-phases 1, 2, and 3	1972
19720078983	Environmental diving dress	1972
19720078984	Engineering test of radio beacon set AN/TRN-30	1972
19720078985	Evaluation of Sims rainmaker helicopter bucket	1972
19720078986	Production engineering measure for capacitors, electrolytic aluminum high reliability, high voltage	1972
19720078988	Propability method of determining reliability of operation of binary summators	1972
19720078989	Advanced fluidic stable platform. Phase 2: Critical component development	1972
19720078990	Evaluation of disposable hydraulic filter elements for F-4 life cycle cost procurement	1972
19720078991	Design data on AS-3DX quartz/silica composite material	1972
19720078995	Removable media read only memory	1972
19720078998	Feasibility study of shielded metal ARC welding of HY-180 steel	1972
19720079002	Image intensifier system detection experiment	1972
19720079003	High-field nuclear relaxation in iron and in some nickel alloys	1972
19720079004	Minuteman ground electronics systems WS-133 AM/WS-133B. Figure A 14225. Model specification, memory-controller group test set	1972
19720079005	Production engineering measure for solid-state microwave acoustic delay lines	1972
19720079006	VHF-UHF surface wave studies: High efficiency wedge transducers	1972
19720079007	High speed 0.53 micron photomultiplier tube	1972
19720079009	Impedance tests on selected SAFEGUARD squibs	1972
19720079010	Three-wire hauldown/securing and spotting dolly traversing system proposals for helicopter recovery operations	1972
19720079011	The effect of water vapor on the sticking coefficient of lead on silicon monoxide	1972
19720079012	Takeoff evaluation of F-4J stick positioning device and aft center of gravity limits	1972
19720079013	Flight planning and conduct of the X-24A lifting body flight test program	1972
19720079014	Initial production test of audio frequency amplifier AM-1780()/VRC	1972
19720079015	Production engineering measure for solid-state avalanche photodetectors	1972
19720079017	Product improvement test of polycarbonate grommets for separate loaded projectiles, 155-MM, M107, M110, M116, M118, M121, and XM483	1972
19720079018	A study of FCC communications and position fixes for the AN/SMT-1 NOMAD N3S/NoE buoys, 1969	1972
19720079019	Performance study of present and near-future diver viewing systems	1972
19720079020	Electromagnetic field probes	1972
19720079021	Design and development of supersonic turbine nozzles	1972
19720079022	Study of tooling and mass production technique of the ultrasonic welding process for propellant charge assemblies	1972
19720079023	Stability theory for cross hatching. Part 1: Linear stability theory	1972
19720079024	Stability theory for cross-hatching. Part 2: An experiment on turbulent boundary layer over a wavy wall	1972
19720079025	Qualification test report for model specification S-133-111-1-168, and qualification supplement 1 thereof, motor generator type PU-744/GSW-4 (figure A 1283)	1972
19720079026	Calculation of radiation dose to a moving target: Moving Aircraft Dose (MAD)	1972
19720079027	Modifications to the HELP code for modeling plugging failure: User's manual	1972
19720079028	Enhancement of incendiary effectiveness in zirconium by hydrogen embrittlement	1972
19720079029	Testing of Wing 6 Minuteman second stage LITVC/RC system AAB-0032 (SS-3A)	1972
19720079030	ABMDA Field Array Radar (AFAR). Phase 1: Rapid deployment techniques study	1972
19720079032	Production engineering measure on gating transistors	1972
19720079033	X-band step recovery diode receiving module development	1972
19720079034	Investigation of corrosion resistant coatings for service at 2500 F	1972
19720079035	Radiation hardened Mosfets	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079036	Velocity reference unit for Position and Azimuth Determining System (PADS)	1972
19720079037	Development of remote methods for obtaining soil information and location of construction materials using gamma ray signatures for Project THEMIS	1972
19720079038	Compilation of data covering aircraft servicing facilities aboard aircraft carriers	1972
19720079039	E-2C airplane control indicator group (AN/APA-172) maintainability demonstration	1972
19720079041	A dual sensor approach to passive target localization for surface ships	1972
19720079042	Air Force preliminary evaluation of the T-43A aircraft	1972
19720079043	Production engineering measure for high voltage aluminum high reliability electrolytic capacitors	1972
19720079044	Field test report on test increment 505: CAT 1 Giant Patriot reentry system/MGS integration and compatibility test with Mode 8	1972
19720079045	Deformation and rupture of fibers and films under missile impact	1972
19720079046	Grundig TV viewer	1972
19720079057	Test and evaluation of the Navy Bulldog laser seeker for hellfire application (U)	1972
19720079058	Tactical use of interference patterns in airborne ASW (U)	1972
19720079066	Development of a fluorodinitromethyl binder system for propellants in Air Force missiles (U)	1972
19720079067	Intercommand study group report on propellant/ propulsion systems for SMAWT (U)	1972
19720079070	Simplified formulas for the estimation of laser burn-through times (U)	1972
19720079085	Airborne detector/navigator systems test report, volume 2 (U)	1972
19720079093	Category 2 systems test of the FB-111A terrain following radar (AN/APQ-134) (U)	1972
19720079095	Advanced Turbine Engine Gas Generator (ATEGG) program (U)	1972
19720079096	Design concept study of a fluidic inertial control system (U)	1972
19720079100	Long range air-to-surface terrain following ramjet (U)	1972
19720079101	Technique development for predicting external store aerodynamic effects on aircraft performance (U)	1972
19720079102	Parametric analysis of the solid propellant ZAP motor (U)	1972
19720079105	Evaluation of boundary layer characteristics on a 17 percent thick supercritical wing on a T-2C airplane (U)	1972
19720079106	Ring laser gyros (U)	1972
19720079107	Preliminary design of an indirect fire search from cruise medium range laser guided missile system (U)	1972
19720079108	Flight test and wind tunnel performance characteristics of the X-24A lifting body, volume 2 (U)	1972
19720079109	Development of high stability fuel (U)	1972
19720079110	Influence of fuels and lubricants on turbine engine design and performance (U)	1972
19720079124	Safe escape data for F-4 and A-7 aircraft from AGM-65A missile fragmentation envelope (U)	1972
19720079128	Quarterly compilation of abstracts on completed Test, Experimental, and Development (TED) projects (U)	1972
19720079130	Surveillance evaluation of the rocket motor mk 62 Mod 0 for 5 in./38 Rocket Assisted Projectile (RAP) mk 57 (U)	1972
19720079133	High burning rate propellants for assault weapons: High power performance (U)	1972
19720079134	Credible Chase/AU-24A (U)	1972
19720079135	Develop and evaluate all-weather tactics for the A-7E aircraft (U)	1972
19720079143	Static stability and control characteristics of the Pavestorm 2 munition system at transonic speeds (U)	1972
19720079144	Performance evaluation of the F-14B aircraft with F401 growth engines (U)	1972
19720079145	Catalog of surveillance, target acquisition, (STANO) night observation equipment and systems (U)	1972
19720079146	Tables of computed thermodynamic properties of selected liquid monopropellants (U)	1972
19720079148	Navy technical evaluation of the MK 18 MOD 3 Guidance and Control Group for the AIM-9H Sidewinder (U)	1972
19720079151	Altitude performance of the F100-PW-100 turbofan engine. Phase 3: Windmill starting, windmilling, lube system heat rejection, performance, and customer bleed effects engine FX207-11 (U)	1972
19720079154	Acoustic ranging accuracies for near surface propagation paths (U)	1972
19720079155	Development of a solid state transmit-receive switch for sonar application (U)	1972
19720079206	Wind tunnel tests of a proposed reentry vehicle concept at Mach numbers 2, 4, and 8 (U)	1972
19720079215	Reentry vehicle roll control: A status report (U)	1972
19720079224	Wind tunnel tests of the preliminary Advanced Control Experiment (ACE) vehicle at Mach numbers from 2 to 8 (U)	1972
19720079227	Status of nonlinear stress-strain incremental relationships	1972
19720079228	Thermal expansion exchange program between LASL and WANL	1972
19720079229	Compressive properties of pyrofoil	1972
19720079230	Status of coating matrix structural analysis	1972
19720079232	Note on mean square spline approximation	1972
19720079233	Study to determine the static load capability of various core support systems	1972
19720079234	NERVA nozzle forging (Armco 22-13-5)	1972
19720079235	Stress relaxation of high-strength A-286 bolts in simulated storage at room temperature	1972
19720079239	Proposed instrumentation for nuclear power measurement using a self-powered thermal neutron detector	1972
19720079243	Nonlinear response of rectangular plates to sonic boom excitation	1972
19720079244	Applications of the generalized jet noise theory	1972
19720079266	The direct measurement of the radiant heat flux response function of solid propellants	1972
19720079284	Correlation of spray droplet size and injector variables	1972
19720079296	Theoretical analysis of a rotating two phase detonation in liquid rocket motors	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079357	Calculations on rocket combustion instability with droplets evaporation model	1972
19720079373	Forward production of charged secondaries	1972
19720079386	INTASAT satellite project: Specification of the codification unit design	1972
19720079387	Consolidated report evaluation of proposed domestic satellite system applications	1972
19720079390	High temperature eutectic composite and its modification	1972
19720079391	Feedline geyser suppression	1972
19720079392	Turnaround cap assembly manufacturing development	1972
19720079394	Composite tanks with load sharing liners	1972
19720079395	France: Nuclear, missile, and space developments, no. 327	1972
19720079399	SST technology follow-on program, phase 1, compatibility of SST materials with titanium alloys. Volume 1: Flyaway materials	1972
19720079400	SST technology follow-on program, phase 1, compatibility of SST materials with titanium alloys. Volume 2: Manufacturing-aid materials	1972
19720079418	A proposed high-Reynolds-number, ECT-driven, transonic wind tunnel at RAE Bedford	1972
19720079420	The calculated growth of lift and moment on a swept wing entering a discrete vertical gust at subsonic speeds	1972
19720079424	ITT model 5001-I satellite Doppler navigation system	1972
19720079426	Test evaluation of overwrapped pressure vessels	1972
19720079427	France: Nuclear, missile, and space developments, no. 328	1972
19720079438	Ultrasonic wave propagation through multilayered media	1972
19720079439	The sensitivity of the two-temperature model of the gallium arsenide velocity field characteristic to variations in material parameters and ambient temperatures	1972
19720079453	The load near the apex of a lifting swept wing in linearised subsonic flow	1972
19720079455	Characteristics of a gelled liquid hydrogen polyphenylene oxide (PPO) foam open-cell insulation system	1972
19720079458	Semiannual Report, 1 November 1971 - 30 April 1972	1972
19720079459	Theoretical and experimental studies in ultraviolet solar physics	1972
19720079460	Meteorite photography and recovery network	1972
19720079461	Model description of the NASA Data Processing Facility	1972
19720079495	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the SP-2H airplane	1972
19720079498	Validation of Tracors spherical dome array model, and development of dome array design guidelines, that is, variation in source level, beam width, etcetera as a function of dome parameters	1972
19720079500	Aerospace multiprocessor executive	1972
19720079501	Separation characteristics of the ALE-38 chaffdispenser from the F-4C and F-4E aircraft	1972
19720079503	Laser division digest, spring 1972	1972
19720079508	Multifunctional bulk effect integrated circuits	1972
19720079511	Investigation of scaling effects in transonic wind tunnels	1972
19720079517	ARES low voltage evaluation	1972
19720079518	ARES high voltage evaluation	1972
19720079519	Evaluation of dry lubricated aircraft control cables and pulley wheels	1972
19720079520	Technology of small series production of hybrid thin layered microcircuits	1972
19720079526	Development of Atmospheric Research System (ARS). Volume 1: Program summary and description	1972
19720079527	Development of Atmospheric Research System (ARS). Volume 2: Model tests	1972
19720079528	Optically Activated IFF Readout	1972
19720079529	Some new considerations on jet engine combustion chamber design	1972
19720079530	Studies of electrochemical behavior of the molten aluminum chloride-alkali chloride systems. Part 1: Vapor pressure of the fused mixtures of aluminum chloride and sodium chloride	1972
19720079531	Dihest improvement program test, DIP IIA data report	1972
19720079532	An ideal analysis of a narrow-beam ground detection system	1972
19720079533	Remote ground unit locating devices	1972
19720079534	Electronic message display units	1972
19720079535	Improved shroud program vibration tests	1972
19720079536	Preliminary report on extracting aerodynamic coefficients from dynamic data	1972
19720079537	Air transportability testing of the H-1274 container	1972
19720079538	System Design Language (SDL) requirements specification version 2. Engagement logic and system validation	1972
19720079540	F-111 Model Design Series (MDS) bomb-nav systems comparative analysis	1972
19720079541	Bistable conducting materials	1972
19720079543	ADP oriented modular panel display (solid state)	1972
19720079544	TANDEL IR detector research	1972
19720079546	The effects of a dispersive medium on an electromagnetic pulse	1972
19720079547	Mission analysis on future undergraduate pilot training: 1975 through 1990. Volume 2, appendix A: Introduction. Appendix B: Current UPT system. Appendix C: Training requirements analysis. Appendix D: External influences on future UPT	1972
19720079548	Mission analysis on future undergraduate pilot training: 1975 through 1990. Volume 3, appendix E: Future UPT instructional concepts. Appendix F: Future UPT training media	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079549	Mission analysis on future undergraduate pilot training: 1975 through 1990. Volume 4, appendix G: Development and refinement of analytical tools. Appendix H: Definition of alternative future UPT systems	1972
19720079550	Orbit-to-orbit shuttle engine design study. Book 1: Parametric cycle study	1972
19720079551	Orbit-to-orbit shuttle engine design study. Book 2: 25 K pound engine design	1972
19720079552	Development of integrated environmental control system design for aircraft. Volume 2: ECS computer program	1972
19720079553	Some technical possibilities of beta SiC photo cells	1972
19720079554	TF34-GE-2 engine qualification. Altitude air start test	1972
19720079555	Advanced V/STOL propeller technology. Volume 13: Far field noise investigation	1972
19720079556	INS-61B flight test	1972
19720079557	Dynamic response of porous materials to electron beam deposition	1972
19720079559	The equations of motion of a satellite in a local vertical coordinate system	1972
19720079560	Research on glass laser materials doped with erbium	1972
19720079561	A comprehensive Kalman filter algorithm for target motion analysis	1972
19720079562	Research and development on silicon photocathodes and TSEMs	1972
19720079563	Oil-damped resonant absorber for waterborne sound	1972
19720079564	Influence of heat treatment on mechanical properties and microstructure of HF-1 steel	1972
19720079565	Liquid crystal display techniques	1972
19720079566	Analysis of operational problems related to magnesium batteries	1972
19720079567	Internal electromagnetic pulse: An investigation of cable response to the IEMP environment	1972
19720079568	Vibration set filter and low level amplifier	1972
19720079569	Improvement of AN/ASA-16 tactical display unit	1972
19720079570	ASW radar set investigations	1972
19720079572	Research in optical materials and structures for high power lasers	1972
19720079575	Chemical structural aging effects	1972
19720079576	Current projects	1972
19720079577	External fuel tank containment	1972
19720079578	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-9	1972
19720079579	Systems test report of common digitizer AN/FYQ-47 in sage/buic	1972
19720079580	Long range transport and diffusion experiment	1972
19720079581	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors	1972
19720079582	Investigation of an A-7 outer housing trunnion failure	1972
19720079583	Test and evaluation of the helicopter towed linear array sonar	1972
19720079584	Evaluation of a Predictive Attitude Control System (PACS)	1972
19720079585	Optical receiver	1972
19720079586	TOW	1972
19720079588	Multilayer interconnections for hybrid microcircuits	1972
19720079589	USAEDH hardness program plan: EMP for safeguard tactical ground facilities	1972
19720079590	Maximum speed multiplier organization investigations	1972
19720079591	Singer Company model FM-2748 frequency meter/signal generator	1972
19720079592	Survey of hot corrosion test rigs	1972
19720079593	Effects of motor exhaust gas impingement on the ATHENA-H missile body during respin at simulated altitude conditions	1972
19720079594	Exploratory development on formation of high strength, high modulus boron nitride continuous filament yarns	1972
19720079596	Aeroballistic characteristics of the 5.58 caliber, spin stabilized 105 MM, XM380 projectile	1972
19720079597	Development of III-V proximity focused-image intensifier tube	1972
19720079598	Evaluation of the Bendix 28 B95-39B 60/90KVA generator	1972
19720079599	Analytic mathematical models of tactical military communications channels	1972
19720079600	Initial production test of receiver-transmitter RT-859/APX-72, mount MT-3948/APX-72 (technical characteristics)	1972
19720079601	Initial production test of control, transponder set C-6280A(P)/APX technical characteristics	1972
19720079602	Radio frequency isolators	1972
19720079603	The processes involved in non-reflective finishes	1972
19720079604	Model CT-39G airplane flying qualities and performance evaluation	1972
19720079605	Micropower integrated circuits	1972
19720079606	Production engineering measure for moderate power laser arrays	1972
19720079607	TF34-GE-2 engine qualification. Altitude steady state and transient performance	1972
19720079608	Dynamic stability characteristics of bluff bodies of revolution at transonic Mach numbers	1972
19720079609	Electron beam image projection to fabricate large arrays of integrated circuit patterns	1972
19720079610	File definition file revision, and file maintenance enhancements to the worldwide data management system (WWDMS): Operation capability description	1972
19720079611	Weapon system 133B surveillance igniter component testing (KR 80000-07 S and A device)	1972
19720079612	Evaluation of relative corrosion resistance of exterior sealants	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079613	Special study of development of a physiological telemetry system, phase 2-C	1972
19720079615	Evaluation study of military versus commercial semiconductors	1972
19720079616	CO2 optical gain in gas dynamic lasers using CO2/N2/H2O/CO/H2 mixtures	1972
19720079617	Automatic carrier landing system. Environmental performance data predicted for the F-4J aircraft with CVA-41 and CVA-59 ships at 17 Atlantic stations	1972
19720079618	Integrated engineering test and expanded service test ET/EST of Land Combat Support System (LCSS) in support of field artillery missile system (Lance)	1972
19720079620	Application of linear integrated circuits in an aerial radiac system	1972
19720079621	Production engineering measure for mechanized production and test equipment for time setting potentiometers (cermet and conductive plastic)	1972
19720079622	Compendium on high power infrared laser window materials (LQ-10 program)	1972
19720079625	Evaluation of corrosive effects on a T58-GE-10 engine in a controlled salt air environment	1972
19720079626	Investigation of the feasibility of a magnetohydrodynamic laser	1972
19720079627	Feasibility study and preliminary design of electro-mechanical devices and electronic circuits applicable to the agile seeker section	1972
19720079629	High resolution electronic camera. Volume 1: System description and performance	1972
19720079630	High resolution electronic camera. Volume 2: Alignment and adjustment procedures	1972
19720079631	Flammability of bulk hydrocarbon fuels and methods of control	1972
19720079632	Initial production test of telephone terminal AN/TCC-73(V)2	1972
19720079633	Marginal terrain platforms	1972
19720079634	High-efficiency, single-frequency laser and modulator study	1972
19720079635	Small ship SHF SATCOM antenna, appendices	1972
19720079636	Field test report on test increment 520, giant patriot launch complex integration (without Mod 8)	1972
19720079637	Laser applications in medicine	1972
19720079638	A computer program for coherence analysis	1972
19720079639	Flexible rolled-up solar array	1972
19720079640	Investigation and development of a technique to enhance ultrasonic flaw response in metals	1972
19720079641	Extended range chemistry evaluation. Test chemistry B-101	1972
19720079642	Minuteman ground electronics system, WS-133 AM/B. Identification specification: Tape, electronic data processing figure A 14223	1972
19720079643	Upstage experiment. Upstage technology report: Vibration analysis and testing	1972
19720079646	Laser welding precision miniature assemblies	1972
19720079647	Strengthening of FeCrAlY oxidation resistant alloys	1972
19720079648	The restriction set approach to stochastic decision systems	1972
19720079649	Enhancement of parameter estimation accuracy by observer design with applications to scattered radar signal processing	1972
19720079650	Project 7859 digital-data-acquisition system	1972
19720079651	Interim Surface-to-Surface Missile Capability (ISSMC) structural firing test aboard the USS Vreeland (DE-1068)	1972
19720079652	Conservation law form of the equations of gas dynamics in coordinate systems obtained by conformal mapping	1972
19720079653	Evaluation of HGU-27/P flight helmets	1972
19720079654	Effects of gravity errors on short arc orbit computations for low altitude satellites	1972
19720079655	Statistical and spectral analysis of a discrete time series record	1972
19720079656	Create data files for Picatinny arsenal technical data/configuration management system	1972
19720079657	Document suppression on technical data package lists	1972
19720079658	Development test of the active optical proximity fuze	1972
19720079659	Reaction engine module test evaluation	1972
19720079660	An investigation of electronic applications of the rare earth chalcogenides	1972
19720079661	Develop fabrication/processing techniques for high temperature advanced composites for use in aircraft structures	1972
19720079662	ARPA arctic surface effects vehicle program, April - June 1972	1972
19720079663	Ceramic nose cap and leading edges for high performance weapon systems	1972
19720079664	Thermally unstable polymers	1972
19720079665	Surveillance evaluation of 5.00 inch ZUNI rocket motors Mk 16 Mods 1, 2, and 3	1972
19720079666	Experimental field emission cathodes	1972
19720079668	Welding process development of high strength alloys	1972
19720079670	Production engineering of ND:YAG laser rods for laser illuminator transmitters	1972
19720079671	Compressor stability assessment program. Air induction system considerations	1972
19720079672	Studies of silver interlayer photocathodes at 1.06 microns	1972
19720079673	Color controllable optical jammer source	1972
19720079674	Accelerated service test of proposed finer filtration in the engine oil system of the model J57-P-420 engine installed in the F-8H/J airplane	1972
19720079675	Design of an ELF loop antenna receiver	1972
19720079677	Earthquake ground motion predictions for the Safeguard Malmstrom site. Supplemental report	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079679	Preliminary results of tests of a 10-ton surface effect vehicle in the Arctic pilot induced oscillation data report 161-6	1972
19720079680	Prime item development specification for communications data transfer systems AN/GSQ -119(V) CI No. 601500-B for TACS improvements 485L, part 1	1972
19720079681	Theoretical determination of electronic transition probabilities for diatomic molecules determination	1972
19720079682	Dynamic economical large testing apparatus: A blast pressure loading technique	1972
19720079683	Field test report on LCF/LF tape compatibility test (LGM30F)	1972
19720079684	An investigation of HF auroral backscatter over a bistatic path	1972
19720079685	Strapdown laser-seeker navigation unit, Mod 1	1972
19720079686	Methods of acquiring and maintaing aircraft engines	1972
19720079691	Applied optics research report	1972
19720079694	Indium phosphide study	1972
19720079695	A generalized search plan model for use in digital computer simulation	1972
19720079699	Certain products of Bester Control Equipment Manufacturing Works	1972
19720079700	The importance of linear field motors for rapid transit propulsion	1972
19720079701	Porous oxygen or air electrode for use in zinc air batteries	1972
19720079703	TARS-75 (Exercise Gallant Hand 72) evaluation report	1972
19720079704	TARS-75 (Exercise Gallant Hand 72) evaluation report. Executive summary	1972
19720079705	Technical evaluation of new receiver/transmitter for interrogator set AN/UPX-23	1972
19720079706	ASN-24 total system error OT and E	1972
19720079707	Special testing of millivac voltmeter 828A-E	1972
19720079708	Analysis of the approach, flare and landing characteristics of the X-24A lifting body	1972
19720079709	Trace helicopter test program	1972
19720079710	Engineering evaluation of EMP electronics, 100 VA, single phase, static inverter, manufacture's P/N PS-283	1972
19720079725	Harness assy, CDF, nose fairing system	1972
19720079727	Harness assy, CDF, first stage ignition	1972
19720079729	Aeroelastic effects on high speed longitudinal flying qualities of the T-37 airplane	1972
19720079730	Airborne multi-purpose color display	1972
19720079731	Flap brushes for use in corrosion control	1972
19720079732	Photon capacitor analysis including high temperature measurements of absorption and bleaching to carbon dioxide	1972
19720079733	Special tests on radio set AN/SRC-34	1972
19720079734	Small ship SHF SATCOM antenna	1972
19720079735	SUU-53/A compatibility and carrier suitability testing	1972
19720079736	Model A-7E airplane performance evaluation with the TF41-A-2 engine	1972
19720079737	Metal migration in thin film aluminum/silicon	1972
19720079738	Static test fixing of Minuteman second stage M56 operational motor S/N 002/028 LGM-30 program	1972
19720079739	Study and investigation in optical technology	1972
19720079740	ASM IMU electronics development program	1972
19720079741	Development of high reliability, RF keyed, high duty factor, crossed field amplifier (Dematron)	1972
19720079742	Tow weapon system production Environmental Test (PET) program for tow missiles (first source contractor)	1972
19720079743	Glass as a solid state host material	1972
19720079745	Malfunction investigation: circuit breaker, Westinghouse, model no. MA-800, 60 hertz power	1972
19720079746	Mossbauer study of Zn and Ti substituted barium ferrite	1972
19720079747	Magnetic properties of single crystal Ba5Me2Ti3Fe12O31, Me equals Co, Cu	1972
19720079748	Feasibility study for a practical high rotor tip clearance turbine	1972
19720079750	Operational evaluation of a QU-22B Pave Eagle 2 aircraft: Engine vibration and fuel system performance	1972
19720079755	Timation navigation satellite system constellation study	1972
19720079771	The interior electrostatic field of a semiinfinite cylindrical cavity in a grounded, conducting half space	1972
19720079772	Free-drop characteristics of SRAM and B-43	1972
19720079773	Production engineering measure for improved reliability of subminiature metalized polycarbonate capacitors	1972
19720079774	Manufacturing methods for the reverse switching rectifier	1972
19720079775	Altitude performance of the AiResearch ATF3 prototype turbofan engine	1972
19720079776	Transonic aerodynamic characteristics of bomblet munition models used in the evaluation of the roll-through-zero aerodynamic dispersion technique	1972
19720079778	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard	1972
19720079779	Polymeric materials for use as binders and transparent films	1972
19720079782	Development of avionic cost/technology indices	1972
19720079784	Test and evaluation of a quiet helicopter configuration HH-43B	1972
19720079788	Comparison of Baht model force data from Sandia and General Dynamics wind tunnels	1972
19720079789	A survey of second breakdown	1972
19720079794	Correlation of the mass flow rate in the laminar boundary layer on a sphere cone	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720079795	Index of US naval aircraft, air-launched guided missiles, and their propulsion systems	1972
19720079796	Operational evaluation of the AN/BRN-7 OMEGA receiver in submarines	1972
19720079797	Report of test on three-phase heater transformer, 373234, Oeco Corporation	1972
19720079809	Ion etching and its application	1972
19720079810	Qualification and design verification of the Tempo Instruments M24021-2 and M24021-4 external power monitors	1972
19720079813	An analytical model for airfield pavement analysis	1972
19720079822	Thermocouple switching with MOS analog switches	1972
19720079827	SST technology follow-on program (phase 1) performance evaluation of an SST noise suppressor nozzle system. Volume 1: Suppressed mode	1972
19720079828	Qualification status of ISPH coil, tube deflection from syntronic	1972
19720079831	Radio distancing accuracy vs water content in air	1972
19720079837	Evaluation of water activated, lead acid aircraft storage batteries	1972
19720079839	Influence of aging treatment and mechanical test procedure on the short-time elevated temperature mechanical behavior of 300-grade, 18-nickel maraging steel	1972
19720079840	Contractor's flying qualities and structural demonstration of the model HH-2D/101 rotor system	1972
19720079841	Undersea detection of various signals	1972
19720079842	Preproduction test of type A/S 32P-4 fire fighting truck	1972
19720079843	The 48 channel adaptive multiplexer	1972
19720079844	Bonding agents for composite propellants study	1972
19720079846	J-79 low smoke combustor IOT and E, OT and E	1972
19720079852	Phased array module, Mark 2	1972
19720079857	EMC test report (satellite system): SESP flight P72-1	1972
19720079858	EMC test report (payload/upper stage system): SESP flight P72-1	1972
19720079859	Determination of laser cloud pulse range	1972
19720079860	Electro-explosive device safety margin analysis: SESP flight P72-1	1972
19720079861	Analysis of a proposed cloud discriminating laser signal processor	1972
19720079864	Amphibious assault landing craft program (S14-17). Methods of handling and load consolidation	1972
19720079865	Aircraft structural fatigue life program (U)	1972
19720079866	Norlant 72 phase 2 operation plan (U)	1972
19720079867	Norlant 72 phase 2 scientific plan (U)	1972
19720079868	Norlant 72 phase 3 operation plan (U)	1972
19720079869	Norlant 72 phase 3 scientific plan (U)	1972
19720079871	Integrated Observation System (IOS) 2 (U)	1972
19720079874	Conduct a development assist for the contractor development tests of the AWG-14 fire control system (U)	1972
19720079899	HH-53 RHAW (U)	1972
19720079910	YOV-10D evaluation (U)	1972
19720079966	Compressive creep properties of NbC graphite composite	1972
19720079969	Studies of applications of cross section data to reactor design	1972
19720079973	Possible alternate sites for the space shuttle operational runway and logistic traffic model	1972
19720079974	Methods of improving the efficiency of photovoltaic cells	1972
19720079975	Investigations of finite amplitude sound waves	1972
19720079976	SkyLab simulation calibration curves. Section 2: ATM	1972
19720079978	A study of jet impingement on curved surfaces followed by oblique introduction into a freestream flow	1972
19720079979	Experimental investigation of combustor effects on rocket thrust chamber performance	1972
19720079980	Network integration study, part A	1972
19720079981	Study of advanced techniques for determining the long term performance of components	1972
19720079982	Crystal chemical, polarized absorption and Mossbauer spectral studies of lunar silicate and related terrestrial minerals	1972
19720079986	Program for establishing longtime flight service performance of composite materials in the center wing structure of C-130 aircraft. Phase 2: Detailed design	1972
19720079987	Orbiting Astronomical Observatory OAO C spacecraft handling plan	1972
19720079988	Feedline geyser suppression	1972
19720079989	Experimental investigation of combustor effects on rocket thrust chamber performance	1972
19720079990	Progress report, 15 June - 15 October 1972	1972
19720079991	Microwave studies of planetary atmospheres	1972
19720079992	Contract quarterly performance report, 3 July - 1 October 1972	1972
19720080003	USAF position on V/STOL development and employment concepts (U)	1972
19720080009	Improve shroud powered flight heating retest	1972
19720080010	Systems analysis of high time UH-1B aircraft (S/N62-2040), phase 1, volume 1	1972
19720080011	Systems analysis of high time UH-1b aircraft (S/N 62-2040), phase 2, volume 2	1972
19720080013	Hydrazine fuel cells	1972
19720080014	Wideband electronics for high speed digital laser communications	1972
19720080015	Investigation of molecular and chemical laser systems	1972
19720080017	Performance testing of electronic services, incorporated, model 210D radar range calibrator	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080018	WP-3A dropsonde flight test	1972
19720080020	A calculus for recursive program schemes	1972
19720080021	Mechanical properties of highly filled elastomers in related to shape and nature of filler particles	1972
19720080022	Mechanical properties of highly filled elastomers in relation to shape and nature of filler particles	1972
19720080024	The effect of stabilizing fins on the after-body pressure drag of a long projectile at M equals 2.5	1972
19720080025	Non-linear mechanical response of real materials. 10: Dynamic mechanical response of nickel, magnesium, iron, lead and tin tested in compression	1972
19720080026	The experimental aus-extrusion of low alloy steel tube	1972
19720080027	Manufacturing process for molded cell R/V heat shield	1972
19720080031	R.R.S. Discovery Cruise 40, June - July 1971, geological exploration of the Mediterranean Ridge	1972
19720080032	R.R.S. Discovery Cruise 42, 21-30 September 1971, long range detection of herring by GLORIA	1972
19720080039	Environmental sensitivity of structural metals: Liquid metal embrittlement	1972
19720080043	Antenna radiation characteristics for the Navy VLF transmitting stations NAA, NBA and NDT	1972
19720080044	Inlet separator evaluation	1972
19720080052	Conduct an operational appraisal of the AV-8A aircraft	1972
19720080053	Environmental systems for the second generation air mobility program	1972
19720080054	Development of an aerodynamic window	1972
19720080060	LSI correlator	1972
19720080062	Hybird analog simulation program for the EAI 690 simulation system	1972
19720080063	Blade strength back-to-back rig investigation of A6441FN-248 propeller	1972
19720080064	Glass, glass ceramics, sintered glass ceramics	1972
19720080065	Optical materials for the ultraviolet and infrared spectral range	1972
19720080067	Superconducting solenoid achieves 12.2 T magnetic field induction	1972
19720080068	Problems in microelectronic circuit assembly	1972
19720080071	Tactical landing system development program	1972
19720080073	Tactical landing system development program	1972
19720080074	Application of an operational amplifier	1972
19720080075	Operation and maintenance of the wideband exciter and processor at the ONR Whitehouse Experimental Facility	1972
19720080076	Design, manufacture and delivery of small diameter rocket motor cases	1972
19720080077	Weapons systems 133B. Static-test firing of second-stage wing 6 Minuteman motor 52 PQA6-53	1972
19720080083	Pulse Code Modulation (PCM) Time Division Multiplex (TDM) system design verification test program	1972
19720080084	Teledyne Model SA-2083 FM telemetry transmitter spectrum utilization characteristics	1972
19720080085	Jamming signal measurements and analysis	1972
19720080086	C/MOS analog-to-digital converter	1972
19720080088	Dichroic parametric mirror techniques	1972
19720080089	Upstage technology report: Special manufacturing and fabrication processes	1972
19720080090	Economic indices for avionics equipment Addendum no. 2	1972
19720080093	A simplified method for calculating ground contamination densities from aerial spray of nonvolatile liquids	1972
19720080094	Test and evaluation of photogrammetry incorporated, variable magnification continuous strip enlarger, model 64	1972
19720080099	Production quality assurance testing of a Minuteman 3 LGM-30G stage 2 rocket motor at simulated pressure altitude (motor S/N PQA6-56)	1972
19720080101	Electronically tuned linear VHF preselector	1972
19720080102	Selection and physical training of astronauts	1972
19720080107	Service test of radio beacon set AN/TRN-30	1972
19720080108	Development of production manufacturing techniques for application of protective coatings to thoria dispersion strengthened alloys	1972
19720080111	Separation characteristics of several external stores from the A-7D aircraft at Mach numbers from 0.325 to 0.95	1972
19720080114	Tail rotor performance and translational flight handling qualities tests UH-1H helicopter	1972
19720080115	A site survey of sixteen CONUS/Canada AECO Autovon switch centers, appendices I-Q	1972
19720080126	Development of AN/APX-100(XN-1) diversity IFF transponder	1972
19720080127	Engineering study of development of a large-area, eutectic wafer-bonding process	1972
19720080134	Terrain mobility prediction models: Their feasibility and development	1972
19720080135	Military potential test of Manpack navigation satellite location system, AN/PRN-6 XN-1 (advnaced development Doppler translocation equipment)	1972
19720080136	Determination of the thresholds of laser corneal damage to owl monkeys, rhesus monkeys and Dutch belted rabbits	1972
19720080142	Impact tests of simulated nuclear containment vessels	1972
19720080144	Characterization of real time hybrid computer simulations conducted by the TASS	1972
19720080145	Compatibility test of the SUU-25C/A flare dispenser on the A-37 aircraft (Seek Eagle)	1972
19720080148	A study of the blunt slab delta wing at hypersonic speeds and angles of attack	1972
19720080149	Hydraulic fluids for arctic surface effect vehicle applications	1972
19720080150	Mechanical properties of 5XXX-series aluminum alloys with exfoliation-resistant tempers	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080160	Acoustic properties of RAL and AD-1 baffle assemblies, part 1 (U)	1972
19720080161	Acoustic properties of RAL and AD-1 baffle assemblies, part 2 (U)	1972
19720080166	Comparison of pneumatic and hydraulic actuation systems for rocket motors (U)	1972
19720080179	Aerodynamic heating tests for the E27 chemical warhead section for Lance missile system (U)	1972
19720080180	Aluminum hydride propellant shelflife (U)	1972
19720080181	Wind tunnel tests of a 0.06 scale B-1 model at Mach numbers from 0.30 to 2.20 (U)	1972
19720080182	Service life listing and surveillance status of propulsion devices and auxiliary power systems, revision 1 (U)	1972
19720080183	Nightscope (U)	1972
19720080186	Expanded service test (phase 2) of laser rangefinders for Sheridan weapon system (U)	1972
19720080188	Boundary layer control of missile thrust vector (U)	1972
19720080194	Data link systems reliability and vulnerability (U)	1972
19720080195	A dual-band, multifunction, solid-state array radar (U)	1972
19720080197	Engineering evaluation of missile/test set interface for Sparrow 3 AIM-7E-2 (U)	1972
19720080201	Development of non-energetic low cost binder systems (U)	1972
19720080205	An effectiveness analysis of modifications to the 2.75-inch FFAR (U)	1972
19720080206	Development of a fluidic G sensor (U)	1972
19720080207	Active sonar classification aid (U)	1972
19720080208	High burning rate propellants for assault weapons (U)	1972
19720080210	Artillery locating radar environment and target simulation studies (U)	1972
19720080211	Experimental ballistic properties of selected projectiles of possible interest in small arms (U)	1972
19720080212	Extended duration demonstration and performance improvement demonstration of the AQM-37A booster engine (U)	1972
19720080213	The hydrofoil in an open-ocean ASW mission (U)	1972
19720080215	Development of HTPB propellant for ballistic missiles (U)	1972
19720080216	Factors affecting the outcome of sensor performance exercises (SPEX) (U)	1972
19720080218	Flow noise studies (U)	1972
19720080227	AIM-7F Sparrow 3 missile performance against maneuvering targets in a noise free environment at low altitude (U)	1972
19720080228	TAC evaluation of AGM-65A (MAVERICK) category 2 test program results (U)	1972
19720080229	Category 2 systems test of the FB-111A radar and navigation sensor subsystems (U)	1972
19720080231	Postflight analysis of the YAİM-54A missile TP/VE (Test Prototype/Value Engineering) missions (U)	1972
19720080233	Sonar for the 1980's (U)	1972
19720080234	Have Lore (U)	1972
19720080236	Service test (airdrop/air portability) of XM47 DRAGON medium antitank assault weapon system (U)	1972
19720080244	Confidential NELC technical briefs (U)	1972
19720080252	Engineering test of laser range finder for Sheridan weapon system, M551 (Phe 2) (U)	1972
19720080255	The effect of multiple contacts on passive sonar classification: An analytic approach (U)	1972
19720080256	CONDOR guided missile weapon system: Navy technical evaluation plan (U)	1972
19720080257	Credible Chase/AU-23A (U)	1972
19720080258	Laser designator/tracker system (U)	1972
19720080260	Improved Hawk TADIL-B feasibility demonstration (U)	1972
19720080262	Test and evaluation of a proposed P-3C Navy satellite navigation system (U)	1972
19720080263	The P-3C tactical coordinator task and knowledge requirements (U)	1972
19720080264	Surveillance of Air Force held LR-58 RM-4 Bullpup engines (U)	1972
19720080265	A proposed Fast Airborne Simulation (FAS) of the sparrow AIM-7E-2 missile (U)	1972
19720080269	High speed release of sonobuoy from the SUU-44 dispenser from the A-6/A-7 airplanes (U)	1972
19720080271	Production monitoring tests of sidewinder AIM-9G missile Mk 18 Mod 2 guidance and control groups, lots 1 through 6 (contract N00019-70-C-0299) (U)	1972
19720080276	Title is classified	1972
19720080278	Deceptive-jamming ECM system (U)	1972
19720080280	Evaluation of the deployment of a Lightweight Air Defense weapon System (LADS) (U)	1972
19720080282	Evaluation of the PAVE STORM 2 weapon system (U)	1972
19720080330	Solid-state sensor (U)	1972
19720080420	Sodium technology program	1972
19720080421	NERVA axisymmetric and plane structures finite element stress analysis methodology. Computer programs E114011 and E11405	1972
19720080423	Common analog model derivation (power range) (U)	1972
19720080427	Marine Corps high-performance aircraft sensor delivery/relay study (U)	1972
19720080429	Terrestrial reflectivity investigation (U)	1972
19720080436	Task order no. 21	1972
19720080441	An electronic integrator for the control of hot chamber climates	1972
19720080445	Research on turbojet combustor pollutant formation	1972
19720080446	Airborne far infrared astronomy	1972
19720080447	Study of sounds from meteors	1972
19720080448	Solar physics rocket research program	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080449	Structural and spectral studies of sunspots	1972
19720080450	A thin polymer insulator for Josephson tunneling applications	1972
19720080451	Research in adaptive systems	1972
19720080452	Properties of multilayer filters	1972
19720080453	Spatial nucleation and crystal growth	1972
19720080454	A study of celestial objects of high angular momentum	1972
19720080455	Analysis of molecular gas lasers in flow systems	1972
19720080456	Research into advanced concepts of microwave power amplification and generation utilizing linear beam devices	1972
19720080457	Lightweight vacuum jacket for cryogenic insulation	1972
19720080458	An organic fiber/epoxy filament wound vessel for cryogenic propellants	1972
19720080459	Thermodynamic properties of interstitial elements in the refractory metals	1972
19720080460	Skylab simulation calibration curves. Section 3: AM	1972
19720080461	Skylab simulation calibration curves. Section 4: Saturn launch vehicle SL-1 and subsequent	1972
19720080462	The attenuation of radiant energy in seeded hydrogen plasmas	1972
19720080463	Interaction of the solar wind with the moon and planets	1972
19720080464	Flow visualization and analytical research for development of mathematical models in incompressible flow	1972
19720080465	Semiannual report	1972
19720080466	Strain buildup and release, earthquake prediction, and selection of VLB sites for margins of the North Pacific	1972
19720080467	Infrared Spectrometer Investigation of the Planets and Planetary Satellites	1972
19720080468	Progress report for 1972, parts 1-4	1972
19720080469	Exploratory investigations of an extraterrestrial power plant utilizing a gaseous core breeder with MHD conversion. Part 1: Nuclear analysis	1972
19720080470	Independent tracking coordination program	1972
19720080471	Studies of impact resistance of fiber composite blades used in aircraft turbine engines	1972
19720080472	GEOP (Geodesy/solid Earth and Ocean Physics): Research conferences	1972
19720080473	Research on elastic stability of large shells	1972
19720080474	Development of autoclavable addition type polyimides	1972
19720080475	Progress report	1972
19720080476	Research, engineering studies, and analysis of suppression of acoustic noise from jet propulsion engines by means of model tests	1972
19720080479	Investigation of propellant flow control system	1972
19720080480	Resin/graphite fiber composites	1972
19720080481	France: Nuclear, missile, and space developments, no. 329	1972
19720080486	Head cooling helicopter pilots	1972
19720080487	Skylab experiment S015: Effect of zero gravity on single human cells	1972
19720080490	Contamination avoidance devices for poppet type shutoff valves	1972
19720080491	The study of optical properties and collective oscillations in new solid state materials as a function of temperature using infrared and raman techniques	1972
19720080492	Semiannual progress report, March - September 1972	1972
19720080493	Space cell test program	1972
19720080494	Skylab launch operations space vehicle test and checkout requirements SL-2, SL-3, SL-4 and SL-R	1972
19720080496	Lightweight housing study for batteries and electronic packaging	1972
19720080511	The application of signal detection theory to optics	1972
19720080512	Composite lines for space shuttle vehicle	1972
19720080513	Effect of zero gravity on single human cells (Skylab experiment S015)	1972
19720080514	A study of the coaxial-submerged free jet	1972
19720080515	High resolution study of the solar X-ray corona from Aerobee 170 rockets	1972
19720080516	Analysis of auroral particle fluxes	1972
19720080517	Feedline geyser suppression	1972
19720080518	Fabrication and life testing of thermionic converters	1972
19720080519	Vacuum jacketed composite lines	1972
19720080520	Monolithic catalyst beds for hydrazine reactors	1972
19720080529	Literature survey on the gas metal-arc welding, pulsed power process for alloy titanium	1972
19720080531	Propellant surveillance report, LGM-30F, stage 2, ANB-3066	1972
19720080533	A system for measuring vertical pressure profiles of ocean waves	1972
19720080535	Towards a machine independent ALGOL 68 translator	1972
19720080536	Canadian upper air data	1972
19720080538	SIMILEE, Lee's minimal path algorithm in SIMULA 67	1972
19720080539	Procedures for orbital testing of the NATO spacecraft communication subsystem	1972
19720080540	Fungi at joint tropical research unit. Innisfail, Queensland. Part 1: Genera of microfungi growing on materials	1972
19720080541	On the oceanography of James Bay. The tides of James Bay. Circulation in James Bay.	1972
19720080544	Some considerations in the interpretation of Arctic imagery	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080550	Application of Pulse Code Modulation (PCM) Time division Multiplex (TDM) and digital transmission in the DCS. Appendix C: PCM/TDM and FDM multiplex plans for portion of European DCS	1972
19720080553	Estimating the resistance of iron chrome alloys to pitting by means of breakdown potential	1972
19720080557	Beverage antenna	1972
19720080558	Satellite systems performance test report: P72-1	1972
19720080559	Satellite functional test report: SESP P72-1	1972
19720080561	Low noise C-band transistor gain module	1972
19720080562	Qualification status of Raytheon for 11220406	1972
19720080564	Production engineering measure for improved reliability of metalized polycarbonate and metalized polysulfone capacitors	1972
19720080566	Low noise C-band transistor gain module	1972
19720080567	Production engineering measure for field effect, metal-oxide, semiconductor, cascode, 100 MHz	1972
19720080568	Small particle collection efficiency of vertical cylinders in flows of medium intensity turbulence	1972
19720080570	Production engineering for growth of synthetic calcite polarizer material	1972
19720080574	Modification of radio receiver AN/GRR-23	1972
19720080580	Engineering development test and evaluation of a free-fall sensor	1972
19720080582	Laser modulator	1972
19720080584	The history of the development of high altitude test chambers for aircraft engines in Germany	1972
19720080586	Production engineering measure for subminiature low voltage ceramic capacitors	1972
19720080589	Kinetics and mechanisms of thermal degradation of polymers using time-of-flight mass spectrometry for continuous gas analysis	1972
19720080590	Measuring the heat flow with compensation of the temperature field disturbed through the use of the device	1972
19720080591	Acoustic interference by reflection. Application to sound pressure spectrum of jets	1972
19720080594	Computer processing of current meteorological data	1972
19720080595	Canadian upper air data, February 1972	1972
19720080596	A statistical analysis of the diurnal variations of low ceilings and visibilities at Goose Airport	1972
19720080597	Canadian upper air data, March 1972	1972
19720080598	Study of avalanche diodes as microwave oscillators at Q-band	1972
19720080599	Communications system analysis, task 1: Cost modeling and analysis. Volume 2: Appendixes A, B, and C	1972
19720080600	Evaluation of a power-assisted breathing device. 3: Treadmill work performance	1972
19720080601	Test and evaluation of photogrammetry, Incorporated, high power underwater light source	1972
19720080603	Test and evaluation on the Kalvar printer/processor model 451 aerial reconnaissance duplicator	1972
19720080606	Air switch, 50 hour salt spray test and operation test	1972
19720080608	Test and evaluation of S3A canopy for photographic characteristics	1972
19720080616	Feasibility study of surface diagnostic techniques	1972
19720080617	Simulation analyses of DCA switched networks	1972
19720080618	Amphoterically silicon-doped gallium arsenide laser development	1972
19720080619	Real-time improved color image display	1972
19720080620	Basic circuit modules	1972
19720080621	TF34-GE-2 components qualification. Minimum fuel flow solenoid and pressure switch qualification tests	1972
19720080622	High temperature elastomer reinforcing materials	1972
19720080623	A multiple point 28 K Joule-Thomson neon cooling assembly	1972
19720080624	IOT and E of the stabilized strike camera system	1972
19720080625	Hydrodynamics of two phase flows. Calculation of some special functions	1972
19720080626	Measurement and correlation of acoustic reflection and sediment properties off Panama City, Florida	1972
19720080629	Evaluation of Bendix radiographic system, 5-7 January 1972	1972
19720080630	Magnetic characteristics of HY-80, HY-130, and QT-35 steels under the influence of pressure and magnetic fields	1972
19720080631	Improved shroud acoustic evaluation test	1972
19720080632	Solar Collector Thermal Power System (SCTPS)	1972
19720080635	Report of test on relays, electrical hermetically sealed, time delay, fixed, electric, SPST, 24 amperes (300 to 500 milliseconds). Original test data	1972
19720080636	Special Engineering Analysis (SEA). US Army/Air Force Program No. T53H005. Service Revealed Difficulties (SRD) US Navy Program No. T53H101	1972
19720080638	The impact of remote sensing data on the US Menhaden and shrimp fisheries	1972
19720080644	Production engineering measure for precision resistor ladder networks film type	1972
19720080645	Application of Pulse Code Modulation (PCM), Time Division Multiplex (TDM) and digital transmission in the DCS	1972
19720080646	Command manual for MASF and MAP Inventory System (MAMIS)	1972
19720080647	A site survey of sixteen CONUS/Canada AECo Autovon switch centers	1972
19720080648	A site survey of sixteen CONUS/Canada AECo Autovon switch centers, appendices A-H	1972
19720080653	Study of physical simulator requirements and management. Phase 1: System simulation and test facility development plan based on the EAI 690 system	1972
19720080658	Report of test on single-phase power transformer, 373318, OECO Corporation	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080664	Ambient temperature cure catalysts for carboxy binder systems	1972
19720080665	ELF/VLF transionospheric propagation satellite experiment study	1972
19720080666	Life test report, SFD-222AH Naval Research Laboratory C-band transmitter test bed program	1972
19720080667	A feasibility study of an integrated mobile data collection platform using an air cushion vehicle, volume 1	1972
19720080668	Hardness assessment final test report for thermal evaluation test program	1972
19720080675	Application of integrated logistic support to life cycle management of materiel development	1972
19720080676	Category 3 systems operation test and evaluation AN/TRN-26-TACAN	1972
19720080679	Static stability and control characteristics of a modified Mk-82 guided bomb with a rolling monowing canard at Mach numbers from 0.8 to 1.1	1972
19720080681	Advanced electron device technology	1972
19720080683	Platinum-free laser glass	1972
19720080684	System definition: Technical information system for carrier aircraft support (TISCAS) CAMSI WBS 1201.03, 1201.04, 1201.05	1972
19720080685	Evaluation of Daramic polyethylene separators using Gould type TPX-61-E, Guppy 1, lead antimony submarine main storage battery cells on a service life test	1972
19720080686	Giant Patriot/Mod 8 launch complex integration category 1 test increment 510	1972
19720080688	Plume far field flow and radiation calculations	1972
19720080690	Engineering design handbook. Packaging and pack engineering	1972
19720080696	Development of a high power, wedge-type fluidic generator	1972
19720080704	Rotary switch, qualification report	1972
19720080705	Minuteman ground electronics systems WS-133A-M. Model specification launch control facility processor AN/GYW-1 (V) 1 figure A 14058	1972
19720080712	Miniature lightweight bail-out connectors preliminary models 1 and 2	1972
19720080713	Hermetic microwave circuit packages	1972
19720080714	Chemical laser mode control program	1972
19720080717	Production engineering measure for improved reliability of metalized polycarbonate capacitors	1972
19720080719	Special communications central, AN/MS-C()	1972
19720080720	PT-401 conformal coating evaluation	1972
19720080727	High reliability non-volatile integrated memories	1972
19720080728	Flutter of hinged rotor blades on a hovering helicopter	1972
19720080729	Simplified model of the dynamics of translational movement of a helicopter taking into account the effect of forward velocity on the lifting propeller	1972
19720080730	Dial pack radar analysis	1972
19720080731	NRL super chief	1972
19720080732	A stress corrosion-environmental load frame and instrumentation	1972
19720080733	Very Long Delay Fuze (VLDF) battery shelf life test	1972
19720080735	IROS cost study for the KS-72 still picture camera	1972
19720080736	UH-1N category 2 test program summary	1972
19720080737	Propellant disposal facility phase 1	1972
19720080738	Meteorological data sounding system engineer design tests, exploratory development phase 2	1972
19720080739	Aging and surveillance testing of a minuteman LGM-30B stage 3 motor at simulated pressure altitude (motor S/N 0032018)	1972
19720080740	Effect of relative humidity on installed intermediate trim of the TF30-P-408 turbofan engine	1972
19720080741	Aerodynamic characteristics of a Cannon Launched Guided Projectile (CLGP) at transonic Mach numbers	1972
19720080742	Reliability test of primer, guidance unit P/N 252061 AIM-4D/G missiles	1972
19720080743	Improved binders for propellant applications	1972
19720080744	H2O collisional excitation cross section for IR emission	1972
19720080745	A two-dimensional wake model for the viscous trailing vortex pair formed downstream of a lifting wing	1972
19720080746	Afterbody drag investigation of a twin-nozzle fighter-type model at Mach numbers from 0.6 to 1.5	1972
19720080747	The moisture effect on sol gel derived parameters for second stage polybutadiene matrix propellant	1972
19720080748	Transmission of water vapor through sealants. 4: A commercial RTV fluorosilicone rubber	1972
19720080749	Auroral oval geometry model	1972
19720080750	Damping of axial instabilities by the Minuteman 2, Stage 3; and Minuteman 3, stage 3, exhaust nozzles	1972
19720080751	Photochromic film display advanced development model	1972
19720080752	System engineering management plan for SAM-D engineering development phase	1972
19720080754	Geometrical methods for improving the optical quality of gasdynamic lasers	1972
19720080755	Modular analysis of electronic systems	1972
19720080756	Silicon intensifier vidicon TV camera tube with reduced point-source spreading	1972
19720080757	Static test firing of LGM-30A stage 1 rocket motor S/N 0011045 Minuteman surveillance program	1972
19720080759	Production engineering measure for design and manufacture of plastic optics for goggles	1972
19720080760	Manufacturing methods program, 100 kW, Ku-band power amplifier. Operating instructions	1972
19720080761	Manufacturing methods program, 100 kW, Ku-band power amplifier. Volume 1: Tube design and performance	1972
19720080762	Manufacturing methods program, 100 kW, Ku-band power amplifier. Volume 2: Manufacturing techniques and processes	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080763	Studies of the dynamic fracture characteristics of composites	1972
19720080764	Evaluation tests of two MS18045-49 batteries manufactured by Gulton Industries, Incorporated	1972
19720080772	Development and qualification test of J69-T-41A turbojet engine accessory drive gear train	1972
19720080773	Evaluation of an improved AS-1922 FM homing antenna	1972
19720080777	Development of fuel hazard criteria in RF field	1972
19720080779	Fundamental studies on reactive oligomers, part 3	1972
19720080781	Method of test, OT and E of the F-111D/Mk-11. Annex C: Phase IC	1972
19720080782	Final Report, 5 January 1970 - 4 January 1971	1972
19720080789	Experimental investigation of the ground impact characteristics of a full scale aircraft emergency escape capsule system	1972
19720080790	A dynamic laboratory test to simulate rocket setback forces	1972
19720080791	Mathematical model of double base propellant ignition and combustion in the 81 mm mortar	1972
19720080792	Three to 5-micron parametric oscillator	1972
19720080793	Airborne radar motion compensation techniques: Evaluation of OPCA	1972
19720080794	Theoretical fundamentals of capstan tube action in partial pressure suits	1972
19720080798	Polarization effects on direction finding accuracy	1972
19720080799	Manufacturing process for RC networks	1972
19720080800	Broadband semitransparent photocathode development	1972
19720080801	Initial production test of Redeye moving target simulator (M-87)	1972
19720080802	Water ingestion tests of the Pratt and Whitney Aircraft TF30-p-412 turbofan engine	1972
19720080803	Vulnerability study of a generic aircraft fuel subsystem	1972
19720080804	Feasibility tests of a pin and cone concept for final alignment and latching of weapons to carrier-based aircraft	1972
19720080806	Army aircraft protective structures designs. Report 9: Design, construction, and evaluation of small shelters	1972
19720080807	Aircraft landing gear dynamic loads induced by soil landing fields. Volume 1: Prediction model and wheel loads	1972
19720080808	Aircraft landing gear dynamic loads induced by soil landing fields. Volume 2: Soil tests and soil response studies	1972
19720080809	Identification and analysis of Army helicopter reliability and maintainability problems and deficiencies. Volume 1: Introduction, analysis, and summary	1972
19720080813	Landing gear field experience. Volume 1: Summary	1972
19720080814	Landing gear field experience. Volume 2: B-52G	1972
19720080815	Landing gear field experience. Volume 3: B-58A	1972
19720080816	Landing gear field experience. Volume 4: KC-135A	1972
19720080817	Landing gear field experience. Volume 5: C-141A	1972
19720080818	Landing gear field experience. Volume 6: C-130E	1972
19720080819	Landing gear field experience. Volume 7: C-123B	1972
19720080820	Landing gear field experience. Volume 8: F-111A	1972
19720080821	Landing gear field experience. Volume 9: F-4C	1972
19720080822	Landing gear field experience. Volume 10: F-105D	1972
19720080823	Landing gear field experience. Volume 11: F-104C	1972
19720080824	Landing gear field experience. Volume 12: T-38A	1972
19720080825	Landing gear field experience. Volume 13: F-4B	1972
19720080830	SST technology follow-on program, phase 1. Compatibility of SST materials with titanium alloys. Volume 1: Flyaway materials	1972
19720080831	SST technology follow-on program, phase 1. Compatibility of SST materials with titanium alloys. Volume 2: Manufacturing-aid materials	1972
19720080832	SST technology follow-on program, phase 1. Titanium alloy welding	1972
19720080833	SST technology follow-on program, phase 1. Aluminum brazed titanium sandwich allowables	1972
19720080834	SST technology follow on program, phase 1. Creep and corrosion testing, aluminum brazed titanium honeycomb sandwich	1972
19720080835	SST technology follow on program, Phase 1. Test and analysis of a quadruple redundant horizontal stabilizer actuation system	1972
19720080836	SST technology follow on program, phase 1. Laboratory analysis of the SST directional electric command and stability system component failure effects	1972
19720080838	Information processing/data automation implications of Air Force command and control requirements in the 1980s CCIP-85. Volume 11: Roadmaps	1972
19720080839	Program ABMPLOT: Plotting capability for ABM-1 model. Volume 2: Program listings, programming specifications manual	1972
19720080840	Erosion mechanisms and improvement of graphitic materials. Volume 2: Hyperthermal erosion tests and surface roughness characterization	1972
19720080843	Measurement data packet for communications cosite analysis (ECAC support task 45X2), volume 3	1972
19720080844	Very-long-baseline interferometry navigation using natural H2O sources, part 1	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080845	ST9 1500-SHP demonstrator engine follow-on program. Volume 2: Reliability, maintainability, and logistics analysis	1972
19720080846	Analysis of the supersonic flow field about a forebody decelerator combination. Volume 2: Calculation procedures and computer program	1972
19720080847	Materials handling advanced concepts for assault landing craft. Volume 2: L C JEFF systems	1972
19720080848	Development of integrated environmental control system designs for aircraft. Volume 4: Laboratory demonstration test	1972
19720080849	Chemical laser facility study. Volume 1: Facility design criteria	1972
19720080850	Development of constitutive equations for pavement components, volume 1	1972
19720080852	The modeling of thermochemical ablation of pyrolyzed plastics and graphites. Part 1: Applications of oxidative thermogravimetry to evaluating arrhenius constants and defining mechanisms	1972
19720080853	Development of advanced electro-pneumatic actuation systems	1972
19720080854	Flight test and wind tunnel performance characteristics of the X-24A lifting body, volume 1	1972
19720080855	Category 2 performance test of the UH-1N helicopter, volume 1	1972
19720080856	Some aspects of the assessment of cold weather clothing	1972
19720080857	Engineering design handbook helicopter engineering. Part 3: Qualification assurance	1972
19720080858	Electrooptical modulator, volume 1	1972
19720080859	Telemetry receiver system modified for miss-distance measurement	1972
19720080862	Micro-navigator (micron) phase 1A. Volume 2: N57A model specification	1972
19720080863	Micro-navigator (micron) phase 1A. Volume 4: Appendices B through U	1972
19720080864	Multi-mission RPV study. Volume 2: Technology assessment. Part 2: Propulsion	1972
19720080865	Multi-mission RPV study. Volume 2: Technology assessment. Part 3: Structures, materials and processes	1972
19720080866	Multi-mission RPV study. Volume 2: Technology assessment. Part 4: Launch and recovery survey	1972
19720080867	Space transportation system software concepts development study. Volume 1: Executive summary	1972
19720080868	Space transportation system software concepts development study. Volume 2: Investigation of software problems	1972
19720080869	Space Transportation System Software Concepts Development Study	1972
19720080870	Space transportation system software concepts development study. Volume 4: Software executive	1972
19720080871	Space Transportation System Software Concepts Development Study	1972
19720080872	Space transportation system software concepts development study. Volume 6: Executive methodology	1972
19720080873	Space transportation system software concepts development study. Volume 7: Evaluation	1972
19720080874	Space transportation system software concepts development study. Volume 8: Verification	1972
19720080875	Space transportation system software concepts development study. Volume 10: development plan	1972
19720080876	EMP/RFI facilities acceptance construction/installation test plan. Volume 1: Grand Forks for USAEDH safeguard ground facilities hardness program (EMP)	1972
19720080877	EMP/RFI Protection Design Evaluation (PDE) for USAEDH Safeguard tactical ground facilities hardness program. Volume 7: Test and analysis, requirements identification and available test information as determined by document surveys	1972
19720080878	EMP/RFI Protection Design Evaluation (PDE) for USAEDH Safeguard tactical ground facilities hardness program. Volume 8: Descriptions and connection diagrams pertaining to selected MEL subsystems	1972
19720080879	EMP/RFI Protection Design Evaluation (PDE) for USAEDH Safeguard tactical ground facilities hardness program. Volume 9: Subsystem/item/component categorizations master equipment list msr complex	1972
19720080880	EMP/RFI Protection Design Evaluation (PDE) for USAEDH Safeguard tactical ground facilities hardness program. Volume 10: Subsystem/item component categorization, master equipment list Par, Spartan, Sprint complex	1972
19720080881	TF34-GE-2 engine qualification. Volume 1: The 150-hour endurance test no. 1, JP-5/MIL-L-23699	1972
19720080882	Analysis of barium clouds, volume 1	1972
19720080883	Proceedings of the SECEDE 2 final data review meeting, volume 2	1972
19720080884	Camel radar power supply investigation, volume 2	1972
19720080885	SAM-D engineering development status. Volume 1: Narrative summary	1972
19720080886	SAM-D engineering development status. Volume 1: Narrative summary	1972
19720080888	CNI message traffic analysis. Volume 3: Users manual	1972
19720080889	Information processing/data automation implications of Air Force command and control requirements in the 1980s (CCIP-85). Volume 1: Highlights	1972
19720080890	Tactical radio communication system concept study, volume 1	1972
19720080891	The 248 propeller blade strength back to back rig investigation, supplement 1	1972
19720080892	Prediction of unsteady aerodynamic loadings of non-planar wings and wing-tail configurations in supersonic flow. Part 2: Computer program description	1972
19720080893	Landing gear field experience. Volume 14: A-6A	1972
19720080894	Non-complex item development specification for lockout set, missile support, part 1	1972
19720080895	Prime item product fabrication specification support: Missile shock isolation and alignment, CI 10764AA, part 2	1972
19720080896	Manufacturing methods for mercury-doped germanium infrared detector arrays, volume 1	1972
19720080897	Evaluation of direct ranging loran filter mechanization. Volume 1: Pre-flight studies	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720080898	Synthetic array radar. ECM/ECCM techniques investigation. Volume 2: Unclassified appendices	1972
19720080899	Impact detection system. Volume 1: Summary	1972
19720080907	Heliborne camera system for battlefield surveillance	1972
19720080908	Arctic surface effect vehicle program. Propeller characteristics related to the design of large, high speed surface effect vehicles	1972
19720080909	Electro-interference test report for the GPSS dual decoder	1972
19720080910	Expanded service test of Foward Area Refueling Equipment (FARE)	1972
19720080911	Technical evaluation, Boeing-Vertol model 347 advanced technology helicopter, phase 1	1972
19720080925	Qualification of Sage Electronics resistor to 10180329	1972
19720080929	Test of the radar correlation bombing system for the F-111 aircraft (U)	1972
19720080983	Coherent pulse Doppler radar guidance (U)	1972
19720080992	LMFBR spent fuel transport: Conceptual design and partial safety analysis of a sodium-cooled cask	1972
19720080993	Oxide fuel element development	1972
19720080994	Reactor components and engineering support	1972
19720080995	Sodium technology program	1972
19720080996	NERVA engine control systems analysis	1972
19720080997	Nerva thin shells of revolution, computer methodology: PETS	1972
19720080998	NERVA mass properties computer methodology	1972
19720080999	Holographic interferometry methods applied to NERVA TPA structures problems	1972
19720081000	System design description for Westinghouse radial blanket and shield simulation experiments	1972
19720081002	Hazard analysis: Induction graphitizing furnace	1972
19720081003	Bypass control valve, seal and bearing life cycle test report	1972
19720081004	Setup program for SINDA-70	1972
19720081005	I and C system design summary	1972
19720081006	Computer program (FINELR) for finite element reliability analysis by Monte Carlo simulation. User's manual	1972
19720081007	Design and development of LH2 cooled rolling element radial bearings for the NERVA engine turbopump. Volume 3, phase 2: Tests on buildups 16, 17, and 18 at NRDS, Jackass Flats, Nevada, December 1971 - March 1972	1972
19720081008	Computer program for the finite element sensitivity analysis of two dimensional elastic solids: Theory and coding	1972
19720081009	Engine conditioning analysis for the 1137400E NERVA engine	1972
19720081010	Design, fabrication, and nondestructive testing of six experimental AGCarb/Intremold 3 cylinder assemblies	1972
19720081011	NERVA digital controller/actuator driver interface study	1972
19720081012	Irradiation test for candidate NERVA: Ground test reactor irradiation test no. 23	1972
19720081013	Spiral revisited	1972
19720081014	Data bank manual for project Eros radiation testing and data retrieval program	1972
19720081015	Interagency mechanical operations group: Subgroup on joining. Part 2: Electron beam welding research. Meeting 9	1972
19720081016	Stress corrosion-environmental load frame and instrumentation	1972
19720081018	Nozzle extension design	1972
19720081019	NERVA engine operating description	1972
19720081020	Addendum to NERVA turbopump design report	1972
19720081021	NERVA cooldown guidance	1972
19720081022	AGCarb 101 ten hour erosion test	1972
19720081023	An investigation of separate surface stability augmentation systems for general aviation aircraft	1972
19720081024	Finite element shell instability analysis	1972
19720081025	Apollo telescope mount rotary actuators, P/N C701530016	1972
19720081026	STADAN	1972
19720081027	Development of visual-display aid to air navigation	1972
19720081028	Application of engineering cost analysis. Volume 1: Executive summary	1972
19720081029	Application of engineering cost analysis. Volume 5: Engineering cost studies	1972
19720081030	Application of engineering cost analysis. Volume 6: Manned payload cost analysis	1972
19720081031	Theoretical and experimental studies of the nature and characteristics of space related plasma resonance phenomena	1972
19720081037	Orbiting Solar Observatory (OSO-F)	1972
19720081064	KDF9 characteristics. Interpretive programme phase 2: A description of the calculation bricks used in the construction of shock waves, part 1	1972
19720081065	Spaceflight tracking and data network study program, April - June 1972	1972
19720081071	Photoheliograph thermal control study	1972
19720081074	Experimental investigation of combustor effects on rocket thrust chamber performance	1972
19720081075	Property determination of sprayed coatings	1972
19720081076	Branch of Astrogeologic Studies progress report for funding year 1972 and work plan and operating budget for funding year 1973 (lunar SR and T program)	1972
19720081077	Improved electroforming techniques	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720081080	Calibration of general monitors model 135 hydrogen gas detection system	1972
19720081081	Operation of GH2 flame used for calibration of UV detectors	1972
19720081082	Results of crawler transporter vibration test no. TCI-3046	1972
19720081083	Facility measuring and hazards monitoring support of autoignition tests	1972
19720081084	Facility measuring and hazards monitoring support of LOX facilities tests	1972
19720081085	Facility measuring and hazards monitoring support of pull/resonance/damper tests	1972
19720081086	Ground based planetary research	1972
19720081087	Lunar motion analysis	1972
19720081089	Shuttle APS propellant thermal conditioner study	1972
19720081090	Internal insulation system development	1972
19720081091	Continuing data analysis of the AS and E grazing incidence X-ray telescope experiment on the OSO-4 satellite	1972
19720081092	A study of X-ray emission from galactic and extragalactic sources with emphasis of soft and ultra-soft wavelengths	1972
19720081093	Special studies of meteorological measurement techniques up to 100 kilometers	1972
19720081094	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy	1972
19720081095	Dichroic prism-beam splitter	1972
19720081096	Performance and failure mechanisms of secondary batteries	1972
19720081100	SERL Technical Journal, volume 22, number 2	1972
19720081102	The weathering resistance of some cotton/polyester corespun ducks	1972
19720081106	Production engineering measure for VHF fundamental mode crystal blanks	1972
19720081107	Multilateration software development	1972
19720081108	Acoustical measurements to test AN/SQS-4 (Mod 3) sonar performance aboard USS Pigeon ASR 21	1972
19720081110	Giant patriot qualification test report, premature separation system timer P/N 332740-1	1972
19720081111	CH-54B world altitude record attempts and heavy hover demonstration program report	1972
19720081112	Polar Fox 2: Experimental phase winter data	1972
19720081113	Effects of varying processing parameters in the fabrication of adhesive-bonded structures. Part 10: Adhesive bonding of structural plastics	1972
19720081114	Communications system analysis, Task 1: Cost modeling and analysis, volume	1972
19720081115	Communications system analysis. Task 1: Cost modeling and analysis. Volume 3: Appendix D.	1972
19720081118	Continuous shelf life test program for determining the deterioration of tantalum and aluminum electrolytic capacitors	1972
19720081121	Mixed-integration processing of synthetic aperture radar data	1972
19720081124	Test of extended Datum lights for Mk 6 fresnel lens optical landing system	1972
19720081125	Performance and environmental evaluation of T64-GE-412/413 turbo shaft engine	1972
19720081126	Army aircraft protective structures designs. Report 8: Analysis, construction, and evaluation of a large hardened arch shelter	1972
19720081127	A method of minimum-weight synthesis for flutter requirements. Part 1: Analytical investigation	1972
19720081128	A method of minimum weight synthesis for flutter requirements. Part 2: Program documentation	1972
19720081129	Identification and analysis of Army helicopter reliability and maintainability problems and deficiencies. Volume 2: Utility, attack, and training helicopters UH-1, AH-1, TH-1	1972
19720081130	Identification and analysis of Army helicopter reliability and maintainability problems and deficiencies. Volume 3: Cargo helicopters CH-47, CH-54	1972
19720081133	Measurement data packet for communications cosite analysis (ECAC support task 45X2), volume 1	1972
19720081134	Measurement data packet for communications cosite analysis (ECAC support task 45X2), volume 2	1972
19720081135	SST technology follow-on program, phase 1. Beta processed titanium alloy I Al-4V plate	1972
19720081136	SST technology follow-on program, phase 1. Titanium alloy 6Al-4V sheet	1972
19720081137	SST technology follow-on program, phase 1. Titanium alloy 6Al-4V mechanical property data	1972
19720081138	SST technology follow-on program, phase 1. Development of aluminum-brazed titanium honeycomb sandwich structure	1972
19720081139	SST technology follow-on program, phase 1. Titanium alloy 6Al-4V bar and forgings	1972
19720081140	SST technology follow-on program, phase 1. Titanium alloys 6Al-4V and 3Al-2.5V, hydraulic tubing	1972
19720081141	SST technology follow-on program, phase 1. Titanium alloy 6Al-4V extrusions	1972
19720081142	SST technology follow-on program, phase 1. Titanium alloy 6Al-4V hydrogen effects	1972
19720081143	SST technology follow-on program, phase 1. Intermediate shear beam analyses	1972
19720081144	SST technology follow on program, phase 1. Compression panel analysis	1972
19720081145	SST technology follow on program, phase 1. Mechanical and metallurgical characteristics of titanium alloy 6Al-4V	1972
19720081146	Multiwheel landing gear: Soils interaction and flotation criteria phase 3, part 2	1972
19720081148	Identification and analysis of Army helicopter reliability and maintainability problems and deficiencies. Volume 4: Light observation helicopters OH-6, OH-58	1972
19720081152	C-5A development of structural models for internal loads analysis by computer solution. Volume 5: Empennage Caft cargo doors and pylons)	1972
19720081156	Micro-navigator (micron) phase 1A. Volume 1: Technical report	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720081157	In-flight investigation of an unaugmented class 3 airplane in the landing approach task. Volume 2: Phase 2, longitudinal study	1972
19720081158	ADTC technical facilities. Volume 1: Range instrumentation systems and technical support facilities	1972
19720081159	Non-nuclear power subsystem integration study. Volume 3: Supporting appendices	1972
19720081160	Analog data file analysis. Volume 1: Study	1972
19720081161	Correlation of the loading and response data from the Nike-Hercules nose cone/DASACON shock tube tests. Part 1: Aerodynamic loading correlation and development of pressure model	1972
19720081163	Hardened solar array panel segments	1972
19720081164	A proposed method of systems control for the central office, telephone, AN/TTC-25	1972
19720081165	Research on new materials for electroluminescence	1972
19720081167	System Design Language (SDL) program maintenance manual, version 1 translator, CDRL item C0013	1972
19720081168	Engineer design test of vehicle, fire fighting 7700 gallon capacity, model 627	1972
19720081169	PGL laser materials research, phase 3	1972
19720081170	A decade of low cycle fatigue testing of large-scale high-strength steel weldments	1972
19720081171	Reliability test plan and procedures for SN-366/APQ-100 and SN-377/APQ-109 electrical synchronizers and RT-756/APQ-100 and RT-75-5/APQ-109 receiver transmitters	1972
19720081173	Dresser Industrial Valve and Instrument Division pressure gage master drawing approval tests	1972
19720081174	Initial production test of radio set AN/GRC-103(V) with band I components	1972
19720081175	Technical assistance for logistic support of radio set AN/URN-20	1972
19720081176	Low light level color modulation photography	1972
19720081177	A simplified propagation model for laser system studies	1972
19720081178	F-14A airplane initial shipboard handling evaluation	1972
19720081182	Input-output description of the numerical integration data reduction computer programs ANGES and HEEVE	1972
19720081183	Collective protection equipment for vans, vehicles and shelters	1972
19720081184	Static-test firing of second-stage wing 6 Minuteman motor 52PQa6-56	1972
19720081188	Final study and development report of high efficiency sonar transmitters, phase 2	1972
19720081191	Powder metallurgy production of structural shapes	1972
19720081192	QKS1267 refinement program	1972
19720081200	Hazard analysis of an Arctic high speed, high tonnage surface effect vehicle	1972
19720081201	Criteria for evaluating missile countermeasure systems	1972
19720081216	Test and evaluation of the six GPM 3000 PSI hydraulic check and test stand	1972
19720081217	High efficiency linear SSB power amplifier	1972
19720081219	TACSAT on-orbit support project	1972
19720081220	Production engineering measure for improvement of production techniques to increase the reliability for ceramic isolation capacitors for integrated circuits	1972
19720081223	Layout release, 940J584, core periphery filler strips tie tube supported	1972
19720081225	Capacitor evaluation tests	1972
19720081234	Aircraft oxygen generator system	1972
19720081240	Oxide fuel element development	1972
19720081241	Radial blanket and shield simulation experiments	1972
19720081242	NASTRAN program and applications to the NERVA project	1972
19720081243	Photoelastic stress analysis methodology and applications to NERVA structures	1972
19720081244	Structural evaluation of Marman V-band coupling and flange with conoseal gasket	1972
19720081245	Common analog model digital computer programs	1972
19720081246	Liquid jet penetration and droplet vaporization computer code	1972
19720081247	Fracture mechanics methodology	1972
19720081248	Rocket nozzle coolant channel thermal analysis program (E25107)	1972
19720081249	NERVA 400E thrust train dynamic analysis	1972
19720081250	Engineering reference manual for irradiated semiconductor devices, volume 1	1972
19720081252	Computer program (SENS) for the finite element sensitivity analysis of two dimensional elastic solids: User's manual	1972
19720081253	Shutdown concepts evaluation	1972
19720081254	Mission performance summary and applicability of 400E technology to small engine	1972
19720081255	General viscoelastic constitutive relation for use in wave propagation calculations	1972
19720081256	Analysis of CAVIL, a Conservative, Artificial viscosity implicit, and Lagrangean wavecode	1972
19720081259	Fuels, materials, and control rod development programs	1972
19720081260	Structural history of the LSS design prior to PDR	1972
19720081261	Closeout summary for the PEWEE-2	1972
19720081262	Status of drawings for NERVA control drum actuator	1972
19720081264	PECT-2 analysis of the H-3 transient test	1972
19720081265	FFTF reactor plant test plan	1972
19720081266	Irradiation effects on reactor structural materials	1972
19720081267	Irradiation effects on reactor structural materials	1972
19720081268	Analysis of aircraft exhaust in the Arctic atmosphere	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720081281	Reynolds Number and Mach Number Effect on Space Shuttle Configuration	1972
19720081282	Scientific communications in the space life sciences	1972
19720081283	A systems approach to policies governing the design of an information dissemination system for the Earth Resources Technology Satellites	1972
19720081284	Automated Microbial Metabolism Laboratory	1972
19720081285	A satellite prototype S-band radiometer for ocean surface temperature measurement	1972
19720081301	An analysis of the utilization of the Goddard networks for 1973 - 1980	1972
19720081302	Space LOX vent system	1972
19720081303	French participation in the simulation tests made at the NASA/Ames Research Center, Moffet Field, California	1972
19720081305	Skylab simulation calibration curves. Section 1: CSM 116 and subsequent	1972
19720081306	Semiannual report, 1 Dec. 1971 - 31 May 1972	1972
19720081308	Space shuttle RCS engine (data item T-853-2)	1972
19720081309	Second quarterly review: Earth resources experiment data ground processing study	1972
19720081310	AC-22 landline data evaluation guide	1972
19720081311	Semiannual Report, January - June 1972	1972
19720081312	Atlas/Centaur-22 orbiting astronomical observatory C, operations summary	1972
19720081313	Apollo 17 mission J3/LM-12/APS	1972
19720081314	Apollo mission J3/CSM-114/SPS preflight performance report	1972
19720081315	Semiannual status report, October 1972	1972
19720081316	Radar return and radiometric emission from the sea	1972
19720081320	Self evacuating multilayer insulation for space shuttle vehicles	1972
19720081321	Composite tanks with load sharing liners	1972
19720081324	Boron arsenide and boron phosphide for high temperature and luminescent devices	1972
19720081325	Flutter suppression and gust alleviation using active controls	1972
19720081326	Application of remote sensing for land use planning and policy formulation	1972
19720081327	Corona detection system	1972
19720081328	Pressure tests of models of a straight wing orbiter, delta-wing orbiter, and a straight wing booster (Mach number 0.6 to 2.2). Volume 2: Delta wing orbiter	1972
19720081329	Pressure tests of models of a straight wing orbiter, delta wing orbiter, and a straight wing booster (Mach number 0.6 to 2.2). Volume 3: Straight wing orbiter	1972
19720081341	Noise refractors study	1972
19720081342	Ion electron optimization study	1972
19720081343	Skylab external atmosphere gas analyzer instrument, volume 1	1972
19720081344	Skylab external atmosphere gas analyzer instrument, volume 2	1972
19720081345	Skylab external atmosphere gas analyzer instrument, volume 3	1972
19720081347	Composite reinforced propellant tanks	1972
19720081348	ASEE - Case Western Reserve - NASA Lewis Summer Faculty Fellowships	1972
19720081349	ASEE-NASA Summer Institute - 1972, Stanford-Ames research program	1972
19720081350	Noncontacting device to indicate deflection of turbopump internal rotating parts	1972
19720081351	Study of deep flaws in weldments of aluminum and titanium	1972
19720081352	Evaluation of absorption cycle for space stations environmental control system applications and development of a residential heating and cooling system using NASA-derived technology	1972
19720081353	Extended temperature range ACPS thruster investigation	1972
19720081354	Hydrazine gas generator program	1972
19720081355	Space shuttle RCS engine (Data item T-853-2)	1972
19720081356	Hydrazine gas generator program	1972
19720081357	Hydrazine gas generator program	1972
19720081358	Hydrazine gas generator program	1972
19720081359	Monopropellant engine investigation for space shuttle reaction control system	1972
19720081360	Shuttle APS propellant thermal conditioner study	1972
19720081361	Composite reinforced propellant tanks	1972
19720081362	Effects of deflector and cluster configuration on the acoustic characteristics of rockets/jets	1972
19720081363	Thermoelectric thin film thermal coating systems	1972
19720081364	The influence of temperature on fatigue crack growth	1972
19720081365	Yearly Report, 1 July 1971 - 30 June 1972	1972
19720081366	Control power requirements of VTOL aircraft	1972
19720081367	Mass spectrometry and inhomogeneous ion optics, supplement 5	1972
19720081368	Elemental abundances in meteoritic and terrestrial matter	1972
19720081369	Semiannual progress report, 1 April - 1 October 1972	1972
19720081370	Solar X-ray astronomy	1972
19720081371	Polymer materials program	1972
19720081373	Theoretical investigation of the constitution of the moon and planets	1972
19720081375	Semiannual report, April - September 1972	1972
19720081376	Mosaic crystal devices for stellar and solar X-ray spectroscopy and polarimetry	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720081377	Active cleaning technique for removing contamination from optical surfaces in space	1972
19720081378	Technical consulting services for earth resources program	1972
19720081379	Design, manufacture, development, test, and evaluation of boron/aluminum structural components for space shuttle	1972
19720081380	Design, development and fabrication of research equipment to form part of a lunar laser ranging station	1972
19720081381	Satellite tracking research programs	1972
19720081382	Fluid dynamic and heat transfer problems of modern air breathing propulsive systems	1972
19720081383	ASEE-NASA summer research program, 1972	1972
19720081384	Building a lunar colony	1972
19720081385	The 1972 NASA-ASEE summer faculty systems engineering program	1972
19720081386	NASA-ASEE Summer Faculty Research Institute	1972
19720081387	Research on flight director and autopilot design for turbulence penetration	1972
19720081388	Lunar laser ranging experiment	1972
19720081389	Alsthor thin fuel cell concept evaluation	1972
19720081390	A unified metabolism for Mars: A new approach developed from research on extraterrestrial life detection by enzymatically induced exchange of O-18	1972
19720081391	Galactic and extragalactic infrared line emission	1972
19720081392	Materials research	1972
19720081393	A program to investigate, characterize and describe meteorites in the collections of Arizona State University	1972
19720081394	A study of high performance antenna systems for deep space communication	1972
19720081395	Numerical calculation of viscous, compressible flow fields in chemical equilibrium or nonequilibrium using time-dependent and shock-capturing methods	1972
19720081396	Banning design automation software implementation	1972
19720081397	Technical consulting services for earth resources program	1972
19720081398	Instabilities in fissioning plasmas as applied to the gas-core nuclear rocket engine	1972
19720081399	ASEE-NASA summer faculty fellowship program, 1972	1972
19720081400	POGO instabilities suppression evaluation	1972
19720081401	Composite lines for space shuttle vehicle	1972
19720081402	Liquid hydrogen turbopump rapid start program	1972
19720081403	Cryogenic thin metal lined PRD 49-3 composite vessels	1972
19720081405	ESRO-IV geometric support analysis including predicted signal margins	1972
19720081406	Skylab 1 launch operations test and checkout requirements	1972
19720081407	Lightweight vacuum jacket for cryogenic insulation	1972
19720081408	Thermal performance of multilayer insulation	1972
19720081409	Advanced space engine preliminary design	1972
19720081410	Improved electroforming techniques	1972
19720081411	Development of a method for fabricating metallic matrix composite shapes by a continuous mechanical process	1972
19720081413	Advanced hydrogen/oxygen thrust chamber design analysis program	1972
19720081414	Advanced space engine preliminary design	1972
19720081416	Theoretical and experimental studies of atmospheric structure and dynamics, using high altitude chemical release, radio meteor and meteorological rocket network and other data	1972
19720081417	Integrated thruster assembly investigation	1972
19720081418	Advanced techniques for determining long-term compatibility of materials with propellants	1972
19720081419	Design, fabrication, testing and delivery of shuttle heat pipe leading edge test modules	1972
19720081421	Hydrogen film cooling investigation	1972
19720081422	Feedline geyser suppression	1972
19720081423	Contamination avoidance devices for poppet type shutoff valves	1972
19720081424	Fabrication and life testing of thermionic converters	1972
19720081425	Lightweight vacuum jacket for cryogenic insulation	1972
19720081426	Regeneratively cooled rocket engine for space storable propellants	1972
19720081428	The investigation of carbon dioxide absorption on Mars and Venus	1972
19720081429	Synthesis of dianhydrides and diamines as polymer precursors	1972
19720081430	France: Nuclear, missile, and space developments, no. 332	1972
19720081431	Integrated thruster assembly investigation	1972
19720081433	ADP cost distribution for fiscal year 1972	1972
19720081435	Monolithic catalyst bed for hydrazine reactors	1972
19720081436	Photopolarimetry team. Outer planets mission definition phase	1972
19720081437	Advanced space engine preliminary design	1972
19720081438	Advanced hydrogen oxygen thrust chamber design analysis program	1972
19720081439	Wall mounted heat exchanger characterization	1972
19720081440	Design, fabrication, testing, and delivery of shuttle heat pipe leading edge test modules	1972
19720081441	Dynamics of cavitating cascades	1972
19720081442	Space vehicle engine and heat shield environment review	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19720081443	Test evaluation of overwrapped pressure vessels	1972
19720081444	Research on bearing lubricants for use in high vacuum	1972
19720081445	A research study on plasma physics	1972
19720081448	Fracture control design methods	1972
19720081451	Semiannual report, 15 April - 15 October 1971	1972
19720081452	Space shuttle RCS engine (Bell model 8701)	1972
19720081453	Hydrazine gas generator program	1972
19720081454	Monopropellant engine investigation for space shuttle reaction control system	1972
19720081455	Photoheliograph thermal control study	1972
19720081465	Technical evaluation of Tacan antenna OA-7203()/URN-20(V)	1972
19720081467	Auxiliary devices in high performance aircraft weapons system training	1972
19720081469	Pressure oscillation investigation for Minuteman 3	1972
19720081470	Safeguard communications availability/reliability review	1972
19720081478	Study of logistic support for antenna coupler groups AN/SRA-38, 39, 40, 49, and 50	1972
19720081479	Equipment reliability-test analysis of radio set AN/ARC-144	1972
19720081480	TOW	1972
19720081481	A feasibility study of pulsed chemical laser ignition by very rapid infrared absorption heating	1972
19720081482	First article tests, of two, type MS90365-2, nickel-cadmium aircraft batteries manufactured by Gulton Industries, Incorporated	1972
19720081483	First article tests, of two, type MS90365-1, nickel-cadmium aircraft batteries manufactured by Gulton Industries, Incorporated	1972
19720081484	Evaluation tests of a nickel-zinc aircraft storage battery developed by Eagle-Pitcher Industries, Incorporated	1972
19720081489	Application of ultrasonic imaging techniques to the nondestructive testing of material	1972
19720081490	Flight test, evaluation and calibration of AIMS airborne ATCRBS equipment in P-3A derivative airplanes	1972
19720081491	Report on final status of the simplified full length corrosion and chemical stability test of corrosion resistant insulators (TIS OT-067)	1972
19730001307	Latest civilian V/STOL aircraft projects of hawker siddeley aviation, continuation from FR6/71	1972
19730001324	Reliability analysis of the solar generator of the ESRO 1 satellite	1972
19730001339	The question of water and electrolyte levels at high temperatures	1972
19730001340	Understanding the effect of calcium-deficient diet on the composition of growing bone	1972
19730001341	Investigation of the biosynthesis of unsaturated fatty acids in yeast	1972
19730001342	Studies of the survival time of bacteria on surfaces and the possibilities of influencing it. 3: Influence of various lighting conditions and previous disinfection in the use of plastics	1972
19730001343	Complete and isoenzyme content of lactate dehydrogenase in plasma, leukocytes and erythrocytes in myeloproliferative diseases	1972
19730001344	Pre- and postoperative fluid therapy	1972
19730001345	Comparison of the development of the vestibular (labyrinth) of the frog Rana temporaria in conditions of weightlessness	1972
19730001347	Input and output in the system of thermoregulation during rest and exercise	1972
19730001420	Analysis of a display and control system man-machine interface concept. Volume 3: Appendices C, D and E	1972
19730001421	Analysis of a display and control system man-machine interface concept. Volume 4: Appendix F	1972
19730001427	Some results of the development and investigation of instruments for monitoring the cardiovascular system	1972
19730001428	Life support systems of spacecraft	1972
19730001447	Electric conductivity of iodine solutions. 3: Electric conductivity of the system: I-Me4NI	1972
19730001448	Concerning chemiluminescence of rhodamine C	1972
19730001450	Methods for the study of absorption spectra of colloidal solutions of considerable thickness	1972
19730001510	Programming languages: A brief review	1972
19730001583	Statistical theory of inhomogeneous turbulence, part 1	1972
19730001593	Boundary layer control of hypersonic air inlets	1972
19730001669	Problems of physics of the atmosphere, no. 6	1972
19730001670	The inclined visibility range and the brilliance of daytime sky	1972
19730001671	The potassium-argon age of the Bosumtwi Crater in Ghana and the chemical composition of its glasses	1972
19730001746	Principal components of the characteristics curves for photographic materials	1972
19730001888	Photographic metrology	1972
19730001889	Satellite meteorology	1972
19730001961	Quantum theory of the glowing electron, 3	1972
19730001978	Electronic and Thermodynamic Properties of the Transition Between Metallic and Nonmetallic States in Dense Media	1972
19730002131	Problem of the value of the lunar gravitational field expansion coefficients C20 and C22	1972
19730002133	Study of a solar sonde in the ecliptic with an approach to the sun to within 0.26 AU	1972
19730002134	Thermal sounding experiment by the Meteor artificial earth satellite	1972
19730002135	Occultations of stars by Jupiter	1972
19730002138	Improving the analytical representation of the geomagnetic field according to Sputnik data	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730002139	Mesospheric circulation and noctilucent clouds	1972
19730002169	Calculation of the direction of magnetic movements of the ESRO 1 satellite	1972
19730002344	Behavior of intraocular pressure, blood pressure and body weight under peak physical exertion	1972
19730002345	Micrococcus pierantonii. New species of photogenic bacteria of the luminous organ of Rondeletia Minor NAEF	1972
19730002349	Sixty ambulatory patients treated with Salvarsan	1972
19730002350	Water intoxication as a side effect of chlorpropamide therapy	1972
19730002351	Advantages offered by the use of fructose as monosaccharide added to saline solutions used in the oral rehydration of individuals suffering from gastroenteritis	1972
19730002352	Apparent plasma hyperosmolality in alcoholic intoxication	1972
19730002385	Statistical theories of solid solution hardening	1972
19730002670	Grating-type infrared Fourier spectrometer	1972
19730002671	Determination of time constant of low-inertia resistance thermometers by the alternating current method	1972
19730002682	Deciphering of groundwater from aerial photographs	1972
19730002739	Adaptation of the lidar to aircraft and missile rangefinding	1972
19730002951	Localization errors due to the ionosphere, the altitude of the balloons, and the inaccuracy of the ephemerides	1972
19730002952	Anticollision system for ships	1972
19730002985	Principles of the information theory of visibility in the atmosphere: Chapter titles and introduction	1972
19730002986	Conditions of coherence in diffraction spectra produced in liquids on ultrasonic standing waves	1972
19730002987	Certain experiments to demonstrate the diffraction of light by ultrasonic waves	1972
19730002988	Loudness of uniform noises	1972
19730003039	On the semiconductor theory of barrier layer and point contact rectifiers	1972
19730003074	The effectiveness of diffusion metallization in increasing the life of gas turbine engine turbine blades	1972
19730003130	Quasi-static oscillations in the atmosphere of eta Aquilae	1972
19730003132	The possibilities of thermal sounding of the atmosphere of Mars	1972
19730003137	Study of the 4 day retrograde rotation of the external cloud layer of Venus	1972
19730003140	Saturn	1972
19730003204	Stress, stability, and vibration of complex branched shells of revolution: Analysis and user's manual for BOSOR4	1972
19730003274	Relationship between local and effective aerodynamic pitch-damping derivatives as measured by a forced-oscillation balance for preliminary Viking configurations	1972
19730003284	Preparation for the Eole operations. Note no. 5: Object: Definition project of the operations (experiment phase) and of the data furnished by the Calculations Center	1972
19730003372	Studies of conformational transitions of cytochrome c by the spin-label method	1972
19730003386	Cosmonaut's emotional stress in space flight	1972
19730003387	Whole body counter efficiency calculations for distributed sources in a human phantom	1972
19730003405	Hydrogen production from water using nuclear heat	1972
19730003406	Determination of the oxygen content of lunar material obtained from the Luna-16 flight by 14-MeV neutron activation analysis	1972
19730003467	Transparent touch-screen device for interactive computer-graphics displays	1972
19730003491	Fabrication of avalanche Schottky diodes. Application to soft X-ray spectrometry and photomultiplication	1972
19730003521	Stabilization circuits for nuclear spectrometry amplifiers: Practical construction and synthesis of efficiency criteria	1972
19730003545	Generator of extended duration high voltage pulses	1972
19730003559	Analysis of variable property turbulent boundary layer by means of a modified compressibility transformation	1972
19730003574	Study of the excitation of hydrodynamic vibrations in a simple rod model in parallel water flow	1972
19730003575	Study of a two-phase liquid flow from a pipe of circular cross-section and experimental measurements of the resulting momentum	1972
19730003739	Automatic control of the apparatus used in photonuclear experiments	1972
19730003927	The influence of the wind on the error and probability of localization	1972
19730003928	Restitution of high frequency components of the wind based on four Doppler measurements: Restitution of localization	1972
19730003950	Errors due to terrestrial rotation. Restitution of localization	1972
19730003951	The influence of errors of distance measurement on the probabilities of localization	1972
19730003952	Errors due to terrestrial rotation. Errors due to inherent balloon speed. Complete restitution of localization (Doppler)	1972
19730003981	Materials research in Atomic Energy of Canada, Limited	1972
19730004010	On the role of azimuthal electric fields in toroidal transport	1972
19730004041	Application of the Monte Carlo method to the determination of the places where ions are formed in a penning source as a function of the magnetic field	1972
19730004042	Nuclear research equipment and experimental results	1972
19730004056	Contribution of Coulomb collisions to plasma relaxation in the Deca mirror machine	1972
19730004115	High Speed Shaft Seals for Rocket Engine Turbopumps	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730004117	Liquid rocket combustion stability	1972
19730004120	Engineering Advances in Aerospike Rocket Engines	1972
19730004121	Performance analysis of aerospike rocket engines	1972
19730004151	Cosmic ray IGY neutron monitor data. 2: Monthly graphs, January - December 1959	1972
19730004152	Cosmic ray NM-64 neutron monitor data. 20: Monthly graphs, September - December 1971	1972
19730004238	The solution of heat conduction and convection problems by the Monte-Carlo method	1972
19730004285	Latest civil V/STOL aircraft projects of Hawker Siddeley Aviation	1972
19730004286	Numerical prediction of the diffusion of exhaust products of supersonic aircraft in the stratosphere	1972
19730004287	A vortex model for the study of the flow at the rotor blade of a helicopter	1972
19730004302	Utilization of variational methods in the calculation of rotor blades and propeller vibrations	1972
19730004349	Polyvinylpyrrolidone used as cryoprotective substance for erythrocyte preservation	1972
19730004350	Microelectrophoresis of human erythrocytes: Importance and uses in obstetrics and gynecology	1972
19730004351	Study of the resistance of cultured and natural microbes using the ethylene oxide sterilization method	1972
19730004352	The scientific basis of mineral water therapy, especially that of the Karlsbad Muehlbrunn	1972
19730004353	In regard to bacterial reduction of organically bound phosphoric acid	1972
19730004354	Do microbes reduce phosphate?	1972
19730004357	Specific acute losses of vestibular function in man following unilateral section of one or all components of the eighth cranial nerve	1972
19730004361	Is physical and mental exhaustion caused by a shortage of atmospheric ions?	1972
19730004362	Studies on pre-biological evolution. 3: Black azulmic acids obtained from ammonium cyanide	1972
19730004388	Pneumatic prosthesis control	1972
19730004389	Time zones and sport	1972
19730004410	On the possibility of quantitative assay of hydrazine, its splitting products, and its impurities	1972
19730004414	Chemical transformations in a hydrogen-air mixing layer	1972
19730004468	Document retrieval experiments using cluster analysis	1972
19730004486	Ideas on a modification of the synchronous amplifier to improve sensitivity	1972
19730004490	Stable crystal oscillator employing digital integrated circuitry	1972
19730004513	Analysis of the gain stability and linearity of an active electronic circuit working with large signals	1972
19730004517	Design and construction of a spark gap assembly and associated circuits	1972
19730004542	Preliminary experiments with an evaporation neutron source on the variable energy cyclotron designed to simulate fast reactor spectra	1972
19730004547	The 300 GeV programme	1972
19730004548	Apparatus for producing jet targets from condensed hydrogen while operating on the internal beam of an accelerator	1972
19730004569	Wall jet at a curved surface	1972
19730004573	Ion dissipation in high Mach number oblique shocks	1972
19730004574	Investigation of strong shock waves, produced in a diaphragm shock tube	1972
19730004700	Measurement of the energy spectrum and mean square deviation of density of photographic layers	1972
19730004711	Kerr camera with ten picoseconds time resolution	1972
19730004712	Possible development of superconducting instrumentation with weak-link apparatus	1972
19730004714	Electronics for proportional wire chambers (review)	1972
19730004750	Sintering of uranium dioxide: Inhibition of densification by development of gas pressure in pores	1972
19730004764	Scattering of laser light from a marginally stable hydrogen plasma	1972
19730004813	Properties of refractory metals	1972
19730004840	An estimation of the probability of fatigue failure of some graphites	1972
19730004947	On the action of a rotating magnetic field on a conducting liquid	1972
19730004963	Elementary particle physics research	1972
19730004965	Influence of metallic surfaces on the stability and focusing of relativistic electron ring	1972
19730004967	X ray spectrometry in the 5 to 20A range. Application to the experiment on multicharged ions	1972
19730004968	Pig sources	1972
19730004972	Experimental investigation of space energetic distribution of proton losses at the JINR synchrophasotron	1972
19730004978	Production and measurement of intense ion beams and beam-produced plasma in a cusped magnetic field	1972
19730004980	RF electric field in an electron ion plasma condenser with and without a magnetic field: Effect of hybrid frequencies	1972
19730004981	Interferometric study of the expansion of a plasma created by a laser	1972
19730004983	Effect of the nonhomogeneity of a magnetic field on the heating of plasma by an electron beam in a mirror trap	1972
19730004985	Numerical investigations of evolution of langmuir wave spectra in turbulent plasma	1972
19730004986	On the stability of plasmas penetrated by neutral gas	1972
19730005011	Preliminary study of a superconducting dipole in direct current	1972
19730005077	Cosmic ray NM-64 neutron monitor data from Kula, Hawaii and monthly graphs, January - December 1971	1972
19730005078	Cosmic ray MT-64 moon monitor data: 5: From solar rotation 1853 to rotation 1866 (4 January 1969 - 16 January 1970)	1972
19730005161	Preliminary data on lunar soil collected by the Luna-20 automatic station	1972
19730005186	The 10 year USSR Kosmos satellite program	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730005201	Errors due to nonstationary thermal conditions in the measurement of static strains with semiconductor resistance strain gauges	1972
19730005206	Safety of structures against the brittle failure	1972
19730005207	Method for the determination of the critical stress intensity factor necessary for fatigue crack propagation	1972
19730005228	Theory of solid composite propergol combustion	1972
19730005256	Research And Development Contributions to Aviation Progress (RADCAP), Volume 2, appendices 1 thru 9	1972
19730005258	Calendar of French space events for 1971	1972
19730005389	Absorption of cathodic hydrogen by iron and steel	1972
19730005393	Preparation of pure materials, radiation chemistry, and solid-state studies	1972
19730005533	New 5 MeV Van de Graaff ion accelerator at the Central Research Institute for Physics of the Hungarian Academy of Sciences, Budapest	1972
19730005557	On Oscillation Phenomena in Axially Symmetrical Free Jets of High Subsonic Velocity which Strike a Wall	1972
19730005646	Frequency dependence of ATS-1 observed micropulsations on some geophysical parameters	1972
19730005647	Spectral and polarization analysis of micropulsations observed at ATS-1	1972
19730005654	Problems in the utilization of radiophysical methods for studying the earth's atmosphere and surface with spacecraft	1972
19730005720	Simple transistorised control unit for neutron crystal spectrometers	1972
19730005721	Signal filtration in the amplitude spectrometry systems	1972
19730005997	Influence of the electromagnetic ring acceleration on the focusing by image forces	1972
19730006010	Radionuclide X-ray fluorescence analysis. 2: Detection of the X-ray fluorescence radiation excited by radionuclide radiation	1972
19730006020	Production and measurement of intense ion beams and beam-produced plasma in a cusped magnetic field	1972
19730006110	The planet Venus	1972
19730006310	Design stress analysis and performance characteristics for 140 ft. diameter RSR RIBCO parachute system	1972
19730006450	Estimation of traces of gases in metals and alloys by vacuum fusion technique	1972
19730006467	Current distribution on an infinite tubular antenna in a cold collisional magnetoplasma	1972
19730006499	Computer interactive picture processing	1972
19730006501	Two-dimensional ray-tracing program	1972
19730006546	Concept of an irradiation facility for investigation of high-temperature thermo-elements at temperatures to 2000 C	1972
19730006547	Detailed design study for the Nina Booster, volume 2	1972
19730006681	Geometrical methods of space geodesy	1972
19730006909	Multidisciplinary studies of the social, economic and political impact resulting from recent advances in satellite meteorology, volume 3	1972
19730006916	A study of the weather satellite program management and organization systems	1972
19730006917	Tornado forecasting	1972
19730006918	Appendix. Southern corn leaf blight addendum to the case study: Impact on corn production from recent advances in satellite meteorology	1972
19730006980	Environmental noise pollution caused by jet aircraft traffic	1972
19730007021	Reconstruction of the screw pinch device SP 3	1972
19730007022	Microwave measurements of the local shearing of a magnetic field in a plasma	1972
19730007023	Investigation of electric fields within an interaction of superhigh frequent waves with plasma by Stark effect	1972
19730007024	Contours of the spectral lines of inhomogeneous plasma for apparent increase of optical thickness (measurements of plasma temperature)	1972
19730007026	High frequency plasma heating	1972
19730007027	Fast radial motion of toroidal plasma column in transverse magnetic field	1972
19730007028	Lecture to the Sherwood Theory Meeting (on MHD equilibrium)	1972
19730007053	On magnetic-thermal breakdown in superconducting RF cavities	1972
19730007054	On real niobium surfaces for superconducting rf cavities	1972
19730007115	Shock-free solutions of solar wind: Cometary plasma flows?	1972
19730007202	SPANDE: A preliminary guide to space frame and pipework analysis by means of a general purpose computer program	1972
19730007226	Thermophysical properties of helium-4 from 2 to 1500 K with pressures to 1000 atmospheres	1972
19730007303	Alkaline battery separator characterization studies	1972
19730007402	Measurement of characteristics of the apparatus for separating Pulse-Code Modulation (PCM) signal in the unique Single TeleMetry System (STMS)	1972
19730007496	Improving the match between the microwave source and the microwave transmission system at the Risoe 10 MeV electron linear accelerator	1972
19730007527	Condensation of the gas phase of a fast-flowing one-component liquid metal droplet gas mixture	1972
19730007616	Polar cap magnetic variations and their relationship with the interplanetary magnetic sector structure	1972
19730007622	The Earth from space	1972
19730007623	A lofty view of the world around us	1972
19730007624	The earth resources survey program	1972
19730007625	International aspects of the earth resources survey program	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730007626	Aerospace methods of revealing and evaluating earth resources	1972
19730007627	Remote sensing in geology, hydrology, and geography	1972
19730007628	Applications of remote sensing in agriculture and forestry	1972
19730007629	Remote sensing oceanography	1972
19730007630	Environmental monitoring by remote sensing from air to space	1972
19730007631	Remote sensing of environmental quality	1972
19730007632	The earth resources survey flight programs	1972
19730007633	Systems approach to the use of remote sensing	1972
19730007634	How will the new technology enhance capabilities to collect and analyze earth resource data?	1972
19730007635	Some criteria for making decisions to invest in resource surveys, with special emphasis on developing countries	1972
19730007637	Brazilian program for remote sensing of earth resources (Project Sere)	1972
19730007638	Remote sensing in the economic management of coffee production and marketing	1972
19730007639	The use of remote sensing in the detection of coffee leaf rust (Hemileia vastatrix)	1972
19730007640	Some practical results of remote sensing over test site 701, El Oro-Tlalpujahu, Mexico	1972
19730007641	Remote sensing program at test site 701, El Oro-Tlalpujahu, Mexico	1972
19730007642	Remote sensing in India	1972
19730007643	The activities of the United Nations in the area of space	1972
19730007644	Canada's approach to remote sensing	1972
19730007645	The French teledetection program	1972
19730007646	Introduction to sensors	1972
19730007647	Television cameras	1972
19730007649	Earth observation sensors	1972
19730007650	Radar and microwave radiometry	1972
19730007652	Remote sensing and time variant phenomena	1972
19730007653	Interpretation of spatial relationships	1972
19730007654	Interpretation by interdisciplinary teams	1972
19730007705	Continued data analysis for Experiment E-18 on OGO-5	1972
19730007710	Water quality determinations in the Virgin Islands from ERTS-A data	1972
19730007716	The deformation characteristics of hill slopes and channelways in two different environments as depicted by remote sensor returns	1972
19730007917	In pile radiation damage in graphite. Correlation between temperature and flux density in the range of high temperature	1972
19730007918	Effect of crud deposits on frictional pressure drop in a boiling channel	1972
19730007939	Earth albedo neutrons from 10 to 100 MeV	1972
19730007951	ELECTRA: A computer program for calculation of space-charge-free paraxial trajectories in axially symmetric electrostatic fields	1972
19730007965	Relativistic plasma and the mechanisms of emission	1972
19730007981	Stationary toroidal equilibria at finite beta	1972
19730007982	Development and properties of the halo in pinch plasmas	1972
19730007983	Wills Plasma Physics Department twenty-third six-monthly Progress Report, 1 January - 30 June 1972	1972
19730007984	Theoretical and experimental studies of electron plasma wave echoes	1972
19730008018	Contribution to the study of germanium semiconductor detectors in gamma ray spectroscopy. Simulation of the energy spectra and calculation of the efficiencies by Monte Carlo methods	1972
19730008110	Compositions of major and minor minerals in five Apollo 12 crystalline rocks	1972
19730008209	Pressure drop, heat transfer, and flow phenomena for forced convection boiling in helical coils: A literature review	1972
19730008294	The design of stability augmentation systems for decoupling aircraft responses	1972
19730008440	Foil bearing investigation: An investigation of head to tape separation in magnetic recording	1972
19730008483	Low level tuning of approximations, with response variant emerging from standardized high level commands	1972
19730008536	Local measurements in two-phase flow	1972
19730008776	Atmospheric electricity and the Apollo series	1972
19730008790	Application of remote sensing techniques to measurement of use of outdoor recreation resources	1972
19730008800	Research and development in topographic mapping	1972
19730008825	Lightning and Static Electricity Conference	1972
19730008855	Multichannel digital spectrometer	1972
19730008857	The International System of Units (SI) and What it Involves, proceedings	1972
19730008904	Catalog of melting bodies of metallic material for the determination of temperatures in the region from 30 to 1555 C	1972
19730008992	Peaceful applications of nuclear explosions: Mines, chemistry, and gas and oil extraction	1972
19730008993	Bibliographies in nuclear science and technology. Section 21: Dosimetry. Number 10: Electrometric methods	1972
19730009035	Inverse Faraday effect in a plasma	1972
19730009037	Lower hybrid resonance heating of a plasma in a parallel plate waveguide	1972
19730009038	Observation of stable, high-Mach-number collisionless electrostatic shocks	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730009043	Equipment loan contract	1972
19730009106	Cosmic ray 27-day recurrences during 1965 - 1969	1972
19730009107	Cosmic ray MT-64 muon monitor data. 6: From solar rotation 1867 to rotation 1879, 17 January 1970 - 2 January 1971	1972
19730009165	The NASTRAN Programmer's Manual	1972
19730009196	Heat exchange processes in exchanger materials high temperature heat transfer equipment	1972
19730009197	Rain erosion characteristics of thermal protection system materials at subsonic velocities	1972
19730009208	Soil moisture measurements with microwave radiometers	1972
19730009209	Mineral exploration from high altitude imagery	1972
19730009210	Arctic ice measurements with microwave radiometers	1972
19730009211	A multispectral method of determining sea surface temperatures	1972
19730009212	Measurements of ocean color	1972
19730009213	Atmospheric wind fields derived from Nimbus ozone measurements	1972
19730009214	Stratospheric ozone	1972
19730009215	Vertical motions inferred from satellite radiometry	1972
19730009216	Studies with satellite radiometer data	1972
19730009217	The noneffect of solar eclipses on the atmosphere	1972
19730009218	The global hydrogen report	1972
19730009219	Magnetic control of the high latitude thermosphere	1972
19730009220	A new view of the ring current	1972
19730009221	The magnetospheric plasma tail	1972
19730009222	Magnetic field observations of the dayside polar cusp	1972
19730009223	Recent probe measurements of dc electric fields from IMP 1	1972
19730009224	Solar wind maintenance of the nighttime Venus ionosphere	1972
19730009225	Ion clusters and the Venus ultraviolet haze layer	1972
19730009226	On estimating the Venus spin vector	1972
19730009227	Infrared spectra of CO ₂ in the atmospheres of Earth and Venus	1972
19730009228	Hot CO on Mars	1972
19730009229	Theoretical limits on Jovian radio belts	1972
19730009230	Results from the GSFC OSO 7 spectroheliogram	1972
19730009231	Transport of cosmic rays in the solar corona	1972
19730009232	Solar particle composition measurements	1972
19730009233	The charge spectra of solar cosmic rays	1972
19730009234	Type 3 solar radio bursts	1972
19730009235	Quiettime electron increases	1972
19730009236	Cosmic ray charge and energy spectra above 10 GeV	1972
19730009237	The survival of heavy nuclei in cosmic ray source environments	1972
19730009238	The neutron star as a quantum crystal	1972
19730009239	Suprathermal proton bremsstrahlung	1972
19730009240	Supernovae studied with a ground level atmospheric fluorescence	1972
19730009241	Diffuse X-rays from the galactic disk	1972
19730009242	Stellar X-ray temporal variations	1972
19730009243	Interstellar medium model	1972
19730009244	The shape of the interstellar reddening law	1972
19730009245	Interstellar CO in the ultraviolet spectrum of Zeta Ophiuchi	1972
19730009246	Low intensity H-beta emission from the interstellar medium	1972
19730009247	C-4 155-nm line in Beta Cephei	1972
19730009248	Giant loops: A new kind of nebula	1972
19730009249	Interplanetary dust and comet orbits	1972
19730009250	Evidence on the composition and mineralogy of the lunar highlands	1972
19730009251	The Apollo 15 X-ray fluorescence experiment	1972
19730009386	Dissociation of effects of prolonged confinement and bedrest in normal human subjects: Heart rate and body temperature	1972
19730009387	Dissociation of effects of prolonged confinement and bed rest in normal human subjects; cortisol, insulin, thyroxine, and triiodothyronine	1972
19730009485	A FORTRAN extended graph algorithmic language (FGRAAL), technical documentation	1972
19730009486	The ALOHA SYSTEM sixteen channel multiplexor program module description	1972
19730009576	Results of transonic wind tunnel investigations to determine the effects of nozzle geometry and jet plume on the aerodynamics of a body of revolution	1972
19730009683	Studies in remote sensing applications. Barriers to innovation: The example of remote sensing in urban and regional planning in the Los Angeles metropolis. Interfacing remote sensing and automated geographic information systems	1972
19730009741	A new pumping system for a 150-kilovolt neutron generator to reduce the present tritium hazard	1972
19730009900	Some inequalities for certain functions of order statistics from IFR distributions	1972
19730010122	Measurements of infrared radiation from Mercury and the Moon	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730010219	An approximate analysis of the buckling of imperfect spherical shells	1972
19730010246	Experimental study of the dynamics of a spherical flame	1972
19730010291	Remote lift fan study program, volume 1	1972
19730010292	Remote lift fan study program, volume 2	1972
19730010293	Remote lift fan study program, volume 3	1972
19730010444	Physical properties of helium	1972
19730010469	Some development in fast electronics in signal processing	1972
19730010536	Development of instrumentation for Risoe experiments, research in system techniques and nuclear geophysical methods, and work in the service area	1972
19730010543	Status report on axial injection in the Grenoble cyclotron	1972
19730010573	Local measurement and their statistical interpretation for a high velocity two-phase flow with high void fraction	1972
19730010574	Physical quantities in two-phase flows	1972
19730010717	Solid state charged particle spectrometer in the rocket proton 1	1972
19730010758	Hydrodynamic instability in an electromagnetic pump	1972
19730010759	Some aspects of hydrostatic bearings in sodium pumps	1972
19730010780	Perturbation of atomic levels near to the ionization threshold in high intensity laser field	1972
19730010808	Electron probe microanalysis of bonds between titanium or nickel and titanium alloys	1972
19730010811	Production, quality control, and applications of pure RE metals and alloys	1972
19730010903	Star tracking reticles and process for the production thereof	1972
19730010949	Collective phenomena in a penning discharge in a strongly inhomogeneous magnetic field	1972
19730010980	Nuclear resonance investigation in the systems niobium-hydrogen and niobium deuterium	1972
19730010990	Very bright field ionization and field evaporation ion sources. Some uses. A beam formation and scanning system	1972
19730010991	Simulation of gamma ray effects on bipolar transistors using the CAO programs	1972
19730011033	Shielding of superconducting magnets in a fusion reactor	1972
19730011034	Certain aspects of refrigeration using liquid helium	1972
19730011035	Magnetic properties of type 2 superconductors with small Ginzburg-Landau parameter κ	1972
19730011042	Very low noise amplifiers for semiconductor X-ray detectors	1972
19730011223	Heat transfer from a radioisotope generator, using organic fluids	1972
19730011885	Layered optical memory material	1972
19730012114	Spectral development of solar X-ray burst observed on OSO-7	1972
19730012248	Aeronautics and space report of the President: 1972 activities	1972
19730012404	Proceedings of the 6th Berkeley Symposium on Mathematical Statistics and Probability. Volume 5: Darwinian, neo-Darwinian, and non-Darwinian evolution	1972
19730012405	Dosimetric characteristics of HZE particles in space	1972
19730012653	The effects of photoelectron emission on a multiple-probe spacecraft near the plasma pause, November 1971 - September 1972	1972
19730013223	Bounds in nonconservative problems of elastic stability	1972
19730013392	Research investigation directed toward extending the useful range of the electromagnetic spectrum	1972
19730013509	Instabilities of a spatial system of articulated pipes conveying fluid	1972
19730013534	The entropy rate admissibility criterion for solutions of hyperbolic conservation laws	1972
19730013652	Inferring the interplanetary magnetic field by observing the polar geomagnetic field	1972
19730013943	Synchrotron sources, 1: Extension of theory for small pitch angles	1972
19730014150	Stability of a beam on an elastic foundation subjected to a follower force	1972
19730014153	MAGIC 3: An automated general purpose system for structural analysis. Volume 2: User's manual	1972
19730014212	Technology and public policy: The process of technology assessment in the Federal Government. Summary report	1972
19730014213	Technology and public policy: The process of technology assessment in the Federal Government. Volume 1: Final Report	1972
19730014214	Technology and public policy: The process of technology assessment in the Federal Government. Volume 2: Appendices	1972
19730014932	Approximation formulas for vocabulary size for the one-, two-, and three-parameter rank distributions	1972
19730015152	Pressure test on the Viking lander capsule at Mach number 10	1972
19730015742	Apollo Mission 16 lunar photography index maps	1972
19730017507	The $L_{sup p}$ stability (1 less than or equal to p less than or equal to infinity) of multivariable nonlinear time varying feedback systems that are open loop unstable	1972
19730017536	Experimental determination of a linear the compressive behavior of a linear induction motor reaction rail	1972
19730018562	Geologic and mineral and water resources investigations in western Colorado using ERTS-1 data	1972
19730019984	Structure and enhanced superconductivity of evaporated aluminum films	1972
19730020858	Multifold Euclidean geometry codes	1972
19730021602	Some problems of earthquakes and their prevention, A. A discussion of the problems of volcanic activity, B.	1972
19730022276	Study of space shuttle EVA/IVA support requirements. Volume 3: Requirements study for space shuttle pressure suits	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730022423	The ALOHA system interface to TSO (Time Sharing Operation)	1972
19730022775	Effect of temperature and extension rate on the tensile properties of sap	1972
19730025170	Heat pipe technology: A bibliography with abstracts	1972
19730031029	The Influence of Atmospheric Oxygen on Velocity of Flame Spread Along a Solid	1972
19730031876	The stability of lifted turbulent diffusion and premixed flames.	1972
19730045324	Chemistry in space research.	1972
19730060761	Polarization phase curves for asteroids and planetary satellites	1972
19730060808	Book review of solar terrestrial physics, 1970	1972
19730060853	Atmosphere entry, volume 1	1972
19730060873	Book review of Physics of the Solar Corona	1972
19730060912	Geological maps of the Taurus-littrow region of the moon (Apollo 17 pre-mission maps)	1972
19730060918	Supplementary final report on NASA institutional grant	1972
19730061024	Advanced space engine preliminary design	1972
19730061025	A program of visual and infrared photoelectric photometry	1972
19730061032	Cornell University remote sensing program	1972
19730061093	Study to define and verify the personal oral hygiene requirements for extended manned space flight	1972
19730061104	Skylab 1 ground DDAS data evaluation guide	1972
19730061111	Processing and transmission of information	1972
19730061113	Skylab experiment operations handbook. Volume 1: Experiment descriptions	1972
19730061133	Semiannual Report, 1 July - 31 December 1972	1972
19730061134	A behavioral study of international technology transfer between the United States and West Germany	1972
19730061135	Book review of Coronal Expansion and Solar Wind by A. J. Hundhausen	1972
19730061327	Cross sections for the production of CO ₂ (plus) (A 2 Pi G) fluorescence by vacuum ultraviolet radiation	1972
19730061329	Index to Kennedy Space Center contract data requirements	1972
19730061585	Morphic effects. 4: Effects of an applied magnetic field on first order photon optical phonon interactions in non magnetic crystals	1972
19730061693	Investigation of solidification in zero-gravity environment: M553 sphere forming experiment and M554 composite casting experiment. Phase A report: Preparation of ground base study plan	1972
19730061694	M553 sphere forming and M554 composite casting experiments	1972
19730061719	Multidisciplinary space-related research	1972
19730061720	Multidisciplinary research in space related science and technology	1972
19730061771	Mapping of soils and geologic features with data from satellite-borne multispectral scanners	1972
19730061772	An early analysis of ERTS-1 data	1972
19730062097	Research and education in the space sciences	1972
19730062129	The Effects of Techno-Economic and Organizational Factors on the Adoption of NASA-Innovations by Commercial Firms in the US	1972
19730062135	The Effects of Uncertainty on Communication in a Diffuse Decision Process, with an Application to Budgeting Decisions in NASA	1972
19730062143	The relationship between formal procedures for pursuing OR/MS activities and OR/MS group success	1972
19730062151	The performance effectiveness of research and development scientists: Agricultural research in Canada	1972
19730062155	Management science-client relationships: Studies of linking mechanisms	1972
19730062171	Mars scientific model, volume 1	1972
19730062206	Comparative liquid water content measurements of conventional instruments with an optical array spectrometer	1972
19730062456	Technical information dissemination and assistance activities of Technical Use Studies Center from July to September 1972	1972
19730062457	Amorphous semiconductors	1972
19730062461	Cryogenic research and development	1972
19730062462	A numerical algorithm suggested by problems of transport in periodic media: The matrix case	1972
19730062490	Absolute specific photodissociation cross sections of CH ₄ in the extreme ultraviolet	1972
19730062606	Skylab A: EREP user's handbook	1972
19730062667	Strength of S-glass fiber	1972
19730062676	Branched-chain carbohydrate structures resulting from formaldehyde condensation	1972
19730062677	Homogeneously catalyzed formaldehyde condensation to carbohydrates. 2: Instabilities and cannizzaro effects	1972
19730062689	Psychophysiological stress of spaceflight	1972
19730062780	S-1C stage transporting and handling	1972
19730062783	Backscatter from simulated rain and ice particles at 3 cm wavelength	1972
19730062784	A laser distance measuring instrument	1972
19730062821	S-1C stage vertical internal access equipment technical manual: Installation information	1972
19730062827	Ten micron infrared sky noise survey	1972
19730062892	Interim progress report	1972
19730062926	Semiannual Status Report, 1 January - 30 June 1972	1972
19730063002	Detection efficiency of electron multipliers for low-energy electrons	1972
19730063012	Torsional braid analysis: A semimicro thermomechanical approach to polymer characterization	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730063014	Probabilistic information processing systems: Evaluation with conditionally dependent data	1972
19730063017	An evaluation of rhodamine-labeled lysozymes as a fluorescent stain for in situ soil bacteria	1972
19730063030	Frequency distributions of energy loss by fast charged particles after passage through large thicknesses of tissue-equivalent materials	1972
19730063044	Feedback control of circulatory elastic systems	1972
19730063206	Material variability as measured by low temperature electrical resistivity	1972
19730063211	Geology of the eastern rift system of Africa	1972
19730063289	Apollo/Saturn 5 postflight trajectory AS-511	1972
19730063316	Radiation chemistry of linear polyethylene	1972
19730063382	High-field domain solutions in a radial geometry	1972
19730063383	Laboratory studies of radiative transfer effects in shock heated gases	1972
19730063384	Infrared detection by reconfiguration of high field domains in CdS:Ag,Al	1972
19730063564	Data compression/error correction digital test system. Appendix 3: Maintenance. Book 3: Schematics	1972
19730063609	Materials data release memoranda	1972
19730063654	Tectonic history of the Ethiopian rift as deduced by K-Ar ages and paleomagnetic measurements of basaltic dikes	1972
19730063759	The emissivities of liquid metals at their fusion temperatures	1972
19730063783	The elastic properties of hard tissues and apatites	1972
19730064094	LO2 and LH2 turbopump assemblies program	1972
19730064111	Polyamino acids: Preparation from reported proportions of prebiotic and extraterrestrial amino acids	1972
19730064123	Phase plane analysis of a nonlinearly controlled self oscillating step up or step down dc to dc converter	1972
19730064167	Requirements for controls, manned spacecraft and related flight crew equipment, functional design	1972
19730064319	The economic impact of the multinational enterprise on the host country	1972
19730064590	Nonlinear Estimation Theory Applied to Orbit Determination	1972
19730064593	Unseparated rare earth cobalt oxides as auto exhaust catalysts	1972
19730064754	Earth albedo, and solar neutrons	1972
19730064755	Hazard classification of oxidizing materials and flammable solids for transportation-evaluation of test methods	1972
19730064830	Chrysler Upper Stage Sizing Evaluation Routine (CUSSER). Volume 2: Programmer's manual	1972
19730065769	Radiation resistance of a rectangular panel	1972
19730065816	Chronobiology applied to hygiene of the environment	1972
19730065817	Blood flow and oxygen supply in the retina	1972
19730065818	Sweat depression during controlled hyperthermia in man. Effects on sweat rate and sweat electrolyte content	1972
19730065819	Environmental factors regulating circadian rhythms in phaseolus leaves	1972
19730065820	Literature and clinical survey for tests of specific endocrine function	1972
19730065821	Operations and checkout building. Altitude chamber rescue: RF communications system, operations and maintenance: RF interface panel and transceiver switching panel	1972
19730065822	A forecast of space technology advances in communications	1972
19730065824	Study to determine viable approaches to computer-user education at NASA	1972
19730065825	Measures for ADP training effectiveness	1972
19730065826	Specifications for competitive procurement of ADP training	1972
19730065827	Dollar-effective methods and techniques for serving computer users	1972
19730065828	Determinants for proportional user services per dollar machine inventory	1972
19730065829	Cost-effective goals for CAI instruction packages	1972
19730065830	Determinants for dollar effective ADP education at the computer center	1972
19730065831	Instruction-effective lesson plans for video training packages	1972
19730065832	The programming language HAL: An evaluation for space shuttle applications	1972
19730065833	Prototype GaAs bipolar transistors	1972
19730065834	Development of unique wet tantalum slug, tantalum cased capacitor	1972
19730065836	Research in aeronomy, 1 October 1971 - 31 March 1972	1972
19730065837	Vacuum-jacketed ducting technology investigation	1972
19730065838	Developmental studies on mullite fiber	1972
19730065839	Comparison of minimax and least squares failure detection and identification algorithms for dodecahedron geometry	1972
19730065840	In-flight nuclear vehicle radiation environment study, phase 3. Volume 2: Radiation environment analysis for small nuclear engine vehicles	1972
19730065841	Dual mode nuclear rocket applications study. Volume 1: Executive summary	1972
19730065842	Dual mode nuclear rocket applications study. Volume 2: Final Technical Report	1972
19730065843	Electron mobility in alloys of direct band gap III-V compounds	1972
19730065844	Forecasting of the performance of MOS device for space applications	1972
19730065845	Analysis of advanced programs (study 2.3). Volume 2: Study results. Appendix A: Utilization of solid rocket motors for space shuttle (Study 2.3.4)	1972
19730065846	Utilization of solid rocket motors for space shuttle (Study 2.3.4). Volume 1: Structure design criteria of solid rocket motor case for space shuttle	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730065847	Utilization of Solid Rocket Motors for Space Shuttle (Study 2.3.4). Volume 2: Proof Factors of Safety for a Reusable Solid Rocket Motor Case	1972
19730065848	Utilization of solid rocket motors for space shuttle (Study 2.3.4). Volume 3: Materials review for SRM case fabrication	1972
19730065849	Utilization of solid rocket motors for space shuttle (Study 2.3.4). Volume 4: Thrust negation response analysis	1972
19730065850	Utilization of solid rocket motors for space shuttle (Study 2.3.4). Volume 5: Analysis of thrust transients during thrust negation	1972
19730065851	Utilization of solid rocket motors for space shuttle (Study 2.3.4). Volume 6: SRM vendor survey	1972
19730065852	Utilization of solid rocket motors for space shuttle (Study 2.3.4). Volume 7: Staging motor exhaust-plume effects on shuttle vehicle	1972
19730065853	Utilization of solid rocket motors for space shuttle (Study 2.3.4). Volume 8: Recovery concepts for solid rocket motors	1972
19730065854	Utilization of solid rocket motors for space shuttle (Study 2.3.4). Volume 9: SRM internal ballistics and nozzle designs	1972
19730065855	Mesospheric circulation and noctilucent clouds	1972
19730065856	Detailed test objectives for the long tank Delta launch vehicle, spacecraft: Nimbus-E	1972
19730065857	Nimbus-E orbit dispersion analysis	1972
19730065858	Detailed test objectives for the long tank delta launch vehicle, spacecraft: Nimbus-E Supplement A: Second and third restart (transtage engine) experiment: Nominal trajectory	1972
19730065859	Atlas/Centaur-27 Pioneer 10 flash flight report	1972
19730065860	Aerospace corona bibliography and survey	1972
19730065861	Candidate orbital mission for first manned vertical flight test of the space shuttle	1972
19730065862	Network evaluation report, OSO-5 and OSO-6 unexpected changes in spacecraft status	1972
19730065863	Apollo Saturn (1B-5)/Skylab ground safety plan. Volume 1: General requirements	1972
19730065864	Apollo/Saturn 5, 1B/Skylab Ground Safety Plan. Volume 2: Launch Complex 39 Ground Safety Plan	1972
19730065865	Engineering description for TACS-SM RCS consumables program	1972
19730065866	System definition of a new hybrid third stage for Delta	1972
19730065868	Evaluation of the trash rocket concept	1972
19730065870	Development of a liquid dynamics model to simulate sloshing on the space shuttle vehicle	1972
19730065872	Analysis of advanced programs (Study 2.3). Volume 2: Study results	1972
19730065873	Avionics cost/schedule study. Volume 1: Management summary	1972
19730065874	Avionics cost/schedule study. Volume 2: Historic cost data	1972
19730065875	Avionics cost/schedule study. Volume 3: Future avionics cost data	1972
19730065876	Avionics cost/schedule study. Volume 4: Future avionics hardware data	1972
19730065877	Avionics cost/schedule study. Volume 5: Time phased cost records: Computer runs	1972
19730065878	Skylab service module thermal correlation analysis (spacecraft 2TV-2/operational thermal math model)	1972
19730065879	Thermal profile of the DSV-3P-7 spacecraft fairing: Telesat-A mission	1972
19730065880	Wall mounted heat exchanger characterization	1972
19730065881	Analysis of the results of a space shuttle parallel staging plume impingement investigation	1972
19730065883	Application of engineering cost analysis. Volume 3: The MSFC REDSTAR data base system	1972
19730065884	Obtaining contractual support	1972
19730065887	Aerodynamic Characteristics at Mach Numbers from 0.40 to 2.86 of a Maneuverable Missile with Cruciform Trapezoidal Wings and Aft Tail Controls (U)	1972
19730065891	A study of the application of the air cushion landing system to advanced transport technology high performance aircraft	1972
19730065892	A study of the application of the air cushion landing system to advanced transport technology high performance aircraft	1972
19730065894	Subsonic Aerodynamic Characteristics of a Fighter Aircraft Model with a Conventional Delta Wing and a Cranked-tip Delta Wing at Angles of Attack up to 40 Deg (U)	1972
19730065895	Design of a contaminate control subsystem and study of checkout controls and instrumentation for integrated water and oxygen recovery	1972
19730065896	The development of optimum simulation and verification techniques for space station communications systems: Optimum simulation studies	1972
19730065897	Antenna and propagation studies for spacecraft systems. Apollo 17 mission EVCS-LM VHF coverage	1972
19730065898	Antenna and propagation studies for spacecraft systems, task E-53H: Preflight analysis of the LM and CSM high gain antenna systems' operation on the Apollo 17 mission	1972
19730065899	Antenna and propagation studies for spacecraft systems. Apollo 17 spacecraft to spacecraft VHF coverage	1972
19730065900	Error detecting and correcting codes for the AE C, D and E command system	1972
19730065901	Longlines communications guide: AS 512	1972
19730065902	Longlines communications guide: Apollo 17 air ground annex	1972
19730065904	APL-SEL 810A CRT terminal system	1972
19730065905	Development and fabrication of low density fiber-reinforced silica ceramic materials	1972
19730065906	Development of a coated flameproof organic fabric, part 2	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730065907	A study of thermal expansion characteristics of ceramic chip capacitors and alumina substrates	1972
19730065908	Performance assessment of spacecraft radar/ tracking systems	1972
19730065909	Biological activity of lunar soil	1972
19730065910	Life science directorate Skylab master documentation operations plan	1972
19730065911	Data requirements, Skylab missions SL-1/SI-2, SL-3, and SL-4. Appendix A: Mission requirements	1972
19730065912	Degradation and reuse of radiative-thermal-protection-system materials for the space shuttle	1972
19730065914	Apollo 17 mission CSM 114 cryogenic storage system preflight performance report	1972
19730065915	Kennedy Space Center large space telescope launch operations plan (preliminary), phase A	1972
19730065916	The determination and investigation of basic combustion phenomena related to aircraft engine-emitted pollutants	1972
19730065917	Competitive factors in world civil aviation	1972
19730065918	Lift fan V/STOL transport flight control system development continuation. Volume 1: Interim simulation experiment	1972
19730065919	A full scale test of a new V/STOL control system Energy Transfer Control (ETC)	1972
19730065920	C-5 cost, schedule, and technical characteristics study (phase 2), volume 1	1972
19730065921	C-5 cost, schedule, and technical characteristics study (phase 2), volume 2	1972
19730065922	C-5 cost, schedule, and technical characteristics study (phase 2), volume 3	1972
19730065923	C-5 cost, schedule, and technical characteristics study (phase 2), volume 4	1972
19730065924	C-5 cost, schedule, and technical characteristics study (phase 2), volume 5	1972
19730065925	C-5 cost, schedule and technical characteristics study (phase 2), volume 6	1972
19730065930	A study on teleoperator systems performance requirements. Volume 1: Technical report (includes appendices A, B, and C)	1972
19730065931	A study on teleoperator systems performance requirements. Volume 2: Technical report. Appendices D and E: Mission analysis and functional description data	1972
19730065935	Convection phenomena in electrophoresis separation	1972
19730065936	HYDIMP: A digital computer program for the analysis of fluid system frequency response	1972
19730065937	Design and fabrication of an experimental image forming light modulator	1972
19730065940	Large scale telescope: Feasibility of conversion of engineering model for ground observatory use	1972
19730065941	Scanning electron microscope: Microelectronic inspection criteria report	1972
19730065942	Development of prototype asymmetric-bragg X-ray polarimeter for satellite applications	1972
19730065943	Large space telescope: Image quality analyses	1972
19730065944	Estimation of airframe manufacturing costs. Volume 1: Summary	1972
19730065945	Estimation of airframe manufacturing costs. Volume 2: Technical volume	1972
19730065946	Estimation of airframe manufacturing costs. Volume 3: User's manual	1972
19730065947	Effect of solutes on the creep strength of columbian alloys	1972
19730065950	Experienced reliability of the Apollo guidance, navigation and control system	1972
19730065951	Mission J3 (AS512/CM 114/LM 12) G and N error analysis (APOLLO 17)	1972
19730065952	Installation support SNAP-27 contingency plan documentation	1972
19730065956	Detailed test objectives for the extended long tank delta launch vehicle, spacecraft: TELESAT-A. Supplement A: TELESAT-A restart (transtage engine) experiment, nominal trajectory	1972
19730065959	Space systems operational design criteria manual	1972
19730065965	Advanced energy transfer control ducting investigation	1972
19730065966	C-5 cost, schedule and technical characteristics study	1972
19730065968	Design Support, Major Hardware, and System Level Testing	1972
19730065973	Fast charged particle energy absorption and distribution in tissue equivalent	1972
19730065979	Data reduction complex systems analysis report	1972
19730065980	Switch, toggle, hermetically sealed	1972
19730065981	Protective overlay for low power TTL integrated circuits	1972
19730065982	Detection of aircraft trailing vortices using laser Doppler instrumentation	1972
19730065985	Fast charged particle research	1972
19730065987	HEUS motor technology demonstration program	1972
19730065990	Monopropellant/bipropellant thrust chamber assembly	1972
19730065992	Re-entry guidance scheme development and analysis. Volume 1: Technical Description	1972
19730065993	Re-entry guidance scheme development and analysis. Volume 2: User's and programmer's manual	1972
19730065996	Skylab preliminary flight missions rules. Part 1: (SL 2, 3, 4). Part 2: (SL1 unique). Part 3: (Rescue)	1972
19730065997	Apollo 17 mission 5 day report	1972
19730065999	SV countdown demonstration test	1972
19730066000	Apollo/Saturn 5 space vehicle countdown, volume 1	1972
19730066001	Apollo/Saturn 5 space vehicle countdown. Volume 2: Turnaround from scrub	1972
19730066003	Qualitative investigation of booster recovery in open sea (preliminary)	1972
19730066004	The RTOP system: A study of the decision process	1972
19730066011	Probabilistic design training course	1972
19730066014	Maintenance and improvement of the NASTRAN system of computer programs	1972
19730066016	Study for the modification and automation of existing DD-EDD ground support systems for space shuttle: Communications ground support systems plan	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066017	Apollo/Saturn 1B Launch Complex 39 holddown arm system operations and maintenance	1972
19730066018	Operating Manual for 2750 C Vacuum/Inert Induction Furnace, Volume 1	1972
19730066019	Induction graphitizing furnace acceptance test report	1972
19730066020	Earth and ocean physics applications planning study	1972
19730066021	Earth physics satellite radar altimeter study	1972
19730066024	Space shuttle Attitude Control System (ACS) thruster penetration heating	1972
19730066026	Nerva reliability and safety analysis methods. Volume 1: Conceptual design analysis	1972
19730066027	NERVA reliability and safety analysis methods. Volume 2A: Probabilistic analysis techniques	1972
19730066028	NERVA reliability and safety analysis methods. Volume 2B, appendices: Design of mechanical systems	1972
19730066029	NERVA reliability and safety analysis methods. Volume 2C: Probabilistic design analysis examples	1972
19730066030	NERVA reliability and safety analysis methods. Volume 3A: Reliability statistical methods	1972
19730066031	NERVA reliability and safety analysis methods. Volume 3B: Statistical distributions and tables	1972
19730066032	NERVA reliability and safety analysis methods. Volume 4: Reliability testing, trend data, and future analysis	1972
19730066033	NERVA Reliability and Safety Analysis Methods. Volume 5: Manufacturing Reliability Methods	1972
19730066034	Nuclear radiation effects on NERVA actuator electronics	1972
19730066035	Fluid dynamics computer programs for NERVA turbopump	1972
19730066036	NERVA nozzle design	1972
19730066037	NERVA turbine block valve design	1972
19730066038	NERVA dynamic analysis methodology: SPRVIB	1972
19730066039	NERVA pressure vessel and closure status design report	1972
19730066040	Vibration computer programs, E13101, E13102, E13104, and E13112 and application to the NERVA program	1972
19730066041	Propulsion module study	1972
19730066042	Audio bridge distribution system noise/isolation field verification	1972
19730066052	Propulsion/electrical power generation	1972
19730066054	Flight report for Delta vehicle S/N 20003, Delta program mission no. 90, spacecraft: IMP-H	1972
19730066058	Apollo 14 mission. Active seismic experiment geophone 3 data erratic	1972
19730066061	Skylab SL2 mission, CSM 116 cryogenic storage system: Preflight performance report, MSC/TRW task E-98C	1972
19730066062	Atlas/Centaur-21 orbiting astronomical observatory-B	1972
19730066073	Development and design application of rigidized reusable surface insulation thermal protection system	1972
19730066079	V/STOL tilt rotor aircraft study. Volume 3: Overall research aircraft project plan schedules and estimated cost	1972
19730066080	V/STOL tilt rotor aircraft study. Volume 4: Wind tunnel investigation plan for a full scale tilt rotor research aircraft	1972
19730066081	V/STOL tilt-rotor study, task 2. Volume 3: Research aircraft project plan	1972
19730066082	V/STOL tilt-rotor study, task 4. Volume 4: Wind tunnel investigation plan	1972
19730066089	Study for the modification and automation of existing DD-EDD ground support systems for space shuttle. Electronic ground support systems plan	1972
19730066108	Apollo mission 15 lunar photography index maps	1972
19730066113	Study of the dynamics of orbital assemblies including interactions with geometrical appendages. Unified Flexible Spacecraft Simulation Program (UFSSP) user's manual	1972
19730066114	Operations and checkout plan for payload carriers, volume 3	1972
19730066115	Unified flexible spacecraft simulation program. Generalized control system addition	1972
19730066131	Centrifugal shower separator of the orbital workshop habitability support system	1972
19730066139	Research in aeronomy	1972
19730066140	Design, manufacture and install sample holder in X-ray reflectometer and perform data analysis of results	1972
19730066151	Development and design application of rigidized Reusable Surface Insulation (RSI) Thermal Protection Systems (TPS)	1972
19730066157	Delta Vernier trim system development and qualification test program	1972
19730066178	SV hypergolic loading	1972
19730066179	Attitude Control Propulsion Working Panel. report to the NASA space cost evaluation project	1972
19730066198	Expansion and refinement of time estimating relationships for advanced programs	1972
19730066200	The radiobiological implications of statistical variations in energy deposition by ionizing radiations	1972
19730066203	Digital electronics for Nimbus tracking and data relay experiment	1972
19730066209	PSM hypergolic servicing	1972
19730066237	Aerodynamic stability and control characteristics of a .01925 scale model NR ATP orbiter at Mach numbers from 1.9 to 4.63	1972
19730066270	Study of electro-optic materials technology	1972
19730066272	Data processing plan for Interplanetary Monitoring Platform-H (IMP-H)	1972
19730066283	Lift fan V/STOL flight control systems development. Volume 1: Flight controls analysis	1972
19730066285	Lift fan V/STOL flight control systems development. Volume 3: Flight simulation model	1972
19730066299	Space shuttle food system design study	1972
19730066303	Telecommunications and the private sector. Prospects for data communications	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066304	Prospects for on-demand media: A report on a research approach	1972
19730066305	Prospects for CATV system networking	1972
19730066309	Accelerated aging and testing of GE Versilube G-3 and Humble Andok C. greases	1972
19730066332	Space transportation system ground checkout systems study. Volume 1: Executive summary	1972
19730066333	Space transportation system ground checkout systems study. Volume 2: Technical summary	1972
19730066343	Expansion and refinement of Time Estimating Relationships (TERS) for advanced programs	1972
19730066360	Desynchronosis literature analysis, evaluation, and data summation. Part 3: A selected bibliography in circadian rhythms	1972
19730066361	Desynchronosis literature analysis, evaluation, and data summation. Part 1-A: Human performance in the aviation environment (report)	1972
19730066362	Desynchronosis literature analysis, evaluation, and data summation. Part 1-B: Human performance in the aviation environment (master bibliography)	1972
19730066363	Desynchronosis literature analysis, evaluation, and data summation. Part 2: A selected bibliography in human performance	1972
19730066364	Desynchronosis literature analysis, evaluation, and data summation. Part 4: A selected bibliography in desynchronosis	1972
19730066417	Manned space flight nuclear system safety. Volume 4: Space shuttle nuclear system transportation. Part 2: Terrestrial nuclear safety analysis (U)	1972
19730066424	High modulus composites	1972
19730066428	The transfer of rocket propellant technology to gun propellant applications	1972
19730066434	Lightweight anti-tank/assault rocket investigation of advanced technology (U)	1972
19730066439	Aluminum coated ammonium perchlorate	1972
19730066443	Neutron irradiation of a burning sprint type solid rocket propellant	1972
19730066445	The Army's TMC/TVC exploratory development programs for BMD applications (U)	1972
19730066450	Investigation of thrust vector control in overexpanded nozzles	1972
19730066454	Rotary two-position nozzle	1972
19730066455	Airbreathing engines for space shuttle	1972
19730066456	Water electrolysis satellite propulsion system	1972
19730066457	Performance of recoverable single and multiple space tugs for missions beyond earth escape	1972
19730066458	Advanced propulsion concepts	1972
19730066459	Smooth empirical Bayes estimation of observation error variances in linear systems	1972
19730066460	Development of high temperature thermal shock resistant materials for arc tunnel insulative liner applications	1972
19730066461	Boundary layer measurements on a rotating body	1972
19730066462	Vacuum jacketed ducting technology investigation	1972
19730066466	Advanced theoretical and experimental studies in automatic control and information systems	1972
19730066473	Infrared absorption and light scattering spectra of lunar materials	1972
19730066474	Development of high temperature materials for solid propellant rocket nozzle	1972
19730066475	Flight test of light aircraft with advanced technology wings	1972
19730066476	Multiple shaped beam antenna study. Phase A study plan	1972
19730066477	Preparation and properties of boron phosphide	1972
19730066478	Investigation of near-critical vortex flows	1972
19730066479	A comparative analysis of digital baseband signals	1972
19730066480	Magnetic tape recorder/reproducer for the High Energy Astronomical Observatory program	1972
19730066481	Numerical methodology for flutter analysis and optimization of aircraft structures	1972
19730066482	Ion implanted infrared sensor arrays	1972
19730066483	X-ray, gamma ray, and infrared astronomy	1972
19730066484	Study of deposition model of frost and ice from humid gas in ducts, project 2	1972
19730066551	Small beacons and transponders for personnel and vehicle location and control: A review	1972
19730066556	The calculation of shock wave systems in steady supersonic flow by the method of characteristics. Part 1: A users guide to the programmes	1972
19730066557	Pressure tests of models of a straight wing orbiter, delta-wing orbiter, and a straight wing booster (Mach number 0.6 to 2.2). Volume 1: Straight wing booster	1972
19730066558	Phase 2 final briefing: Reusable nuclear shuttle concepts. Nuclear flight system definition study	1972
19730066559	Operation and maintenance manual event data multiplexer	1972
19730066560	Vacuum jacketed composite lines	1972
19730066561	Investigation of thermally stable erosion resistant protective materials	1972
19730066565	France: Nuclear, missile, and space developments, no. 330	1972
19730066567	Forward production of charged secondaries	1972
19730066568	Application of head's entrainment method to the prediction of turbulent boundary layers and wakes in compressible flow	1972
19730066570	France: Nuclear, missile, and space developments, no. 331	1972
19730066571	Semiannual report for the period April - September 1972	1972
19730066572	Thermodynamic properties of interstitial elements in the refractory metals	1972
19730066573	Regeneratively cooled rocket engine for space storable propellants	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066576	Quantitative spectroscopy of planetary atmospheres	1972
19730066577	Thick film silicon growth techniques	1972
19730066578	Digital flight controller development	1972
19730066579	France: Nuclear, missile, and space developments, no. 333	1972
19730066581	Japan: Nuclear, missile, space, and defense developments, no. 160	1972
19730066582	Payload analysis for space shuttle applications (study 2.2). Volume 1: Reusable payload specification (Task 2.2.2)	1972
19730066583	Network operations support plan for the SAS-B mission	1972
19730066584	Research studies and investigations of communication satellite studies	1972
19730066585	Apollo mission J3/LM-12/DPS preflight performance report	1972
19730066586	Hydrazine gas generator program	1972
19730066587	High temperature dielectric lens	1972
19730066588	Design, manufacture and testing of zero-gravity condenser: Integration of evaporator, condenser, and auxiliary components	1972
19730066589	France: Nuclear, missile, and space developments, no. 334	1972
19730066590	An analysis of the utilization of the Goddard networks for 1973 - 1980	1972
19730066591	France: Nuclear, missile, and space development, no. 335	1972
19730066592	Boeing 727-100 safe bomb location study	1972
19730066594	Ion microprobe mass analysis of lunar samples	1972
19730066596	ATS-F computer program requirements for the PDP-11/20 computers	1972
19730066597	Infrared spectra of molecules and materials of astrophysical interest	1972
19730066598	Thirteenth General Assembly and Congress of the International Union for Theoretical and Applied Mechanics	1972
19730066599	The 9th General Assembly and Congress of the International Union for Crystallography	1972
19730066600	Study of the solar atmosphere	1972
19730066601	Application of the matrix lattice for technical management to NASA bioresearch	1972
19730066602	Investigations into the mechanism and rates of atmospheric mixing in the lower thermosphere	1972
19730066603	Radiative transfer in realistic planetary atmospheres	1972
19730066604	A study of the application of model suppression to flutter control	1972
19730066605	Ionospheric research	1972
19730066606	A research in support of NASA's space science	1972
19730066607	X-ray astronomy	1972
19730066608	Japan: Nuclear, missile, space, and defense developments, no. 162	1972
19730066609	Japan: Nuclear, missile, space, and defense developments, no. 161	1972
19730066610	Extended temperature range ACPS thruster investigation	1972
19730066611	Program for establishing longtime flight service performance of composite materials in the center wing structure of C-130 aircraft. Phase 2: Detailed design	1972
19730066613	Self evacuating multilayer insulation for space shuttle vehicles	1972
19730066614	Thermal performance of multilayer insulation	1972
19730066615	Advanced techniques for determining long-term compatibility of materials with propellants	1972
19730066617	Development of technical requirements for an elastomeric polyurethane radome finish specification	1972
19730066621	Composite reinforced propellant tanks	1972
19730066622	Design, fabrication, testing and delivery of shuttle heat pipe leading edge test modules	1972
19730066623	Space cell test program	1972
19730066624	Liquid hydrogen turbopump rapid start program	1972
19730066625	Catalysts for electrochemical generation of oxygen	1972
19730066626	Dissociative recombination coefficients for planetary ionospheric ions	1972
19730066627	Study of multilayered insulation pipe penetration	1972
19730066628	Support of solar research and improvement in photoheliographic and spectrographic observations of the sun at the McMath-Hulbert observatory	1972
19730066629	Calibration procedures: Visicorder oscillograph Honeywell model 1612, launch complex 39	1972
19730066630	Feedline geyser suppression	1972
19730066631	Aerodynamic characteristics of the Manned Spacecraft Center space shuttle launch configuration orbiter/booster interference effects (M equals 0.6 to 2.0)	1972
19730066632	Determination of drag, stability and control characteristics for the Manned Spacecraft Center launch configuration (straight wings)	1972
19730066633	On the mechanism of ionization and excitation in cometary atmospheres	1972
19730066635	Infrared spectra of absorbed molecules by means of reflection measurements	1972
19730066641	NASA parts reliability activities presented at the 1972 Annual Symposium on Reliability and Maintainability	1972
19730066646	Reports on the operations of the environmental data collection and processing facility	1972
19730066647	Production engineering measure for multi-electrode crystals, 30 to 70 MHz type CR-XM-72/U and CR-XM-73/U	1972
19730066653	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage	1972
19730066654	Water current meter	1972
19730066655	Results of 100 hour endurance test on the 206A-1/OH-58A helicopter PIP task 69-8 (Mod P00011)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066656	Electronically tuned linear VHF preselector	1972
19730066658	Investigation of fatigue and stress cracking properties of 9 Ni-4Co-0.20C steel butt-welded plates in air and sea water	1972
19730066659	Effect of mark 56 dual thrust rocket motor exhaust on aluminum structural plating	1972
19730066666	A comparison test and analysis of two fragment velocity measuring systems	1972
19730066667	Operations evaluation of TAC drone ground recovery	1972
19730066668	Development and demonstration of low cost boron filament formation process	1972
19730066669	Development of high temperature resistant materials for use in naval ordnance	1972
19730066670	Air pollution source emissions: Test of a jet engine test cell at North Island Naval Air Station, San Diego, California	1972
19730066672	Armored concepts for a terminal homing missile weapon system	1972
19730066673	Tactical facsimile transceiver AN/GXC-7(X-N-1)	1972
19730066674	The effect of iodine on the EHD film and traction properties of hexadecane in rolling contact	1972
19730066675	High power infrared laser window materials (LQ-10 program)	1972
19730066676	Penetration systems studies 3. Task 4.9.1 VUV emission mechanism and task 4.9.3. Low density fluid mechanics	1972
19730066677	C-5 flight control report (aerospace vehicle) stability and control, revision L	1972
19730066678	Operational test and evaluation of RISC	1972
19730066679	Austere navigation data processor and display	1972
19730066680	LORAN airborne navigation subsystem	1972
19730066681	AV-8A technical evaluation investigation of slow engine acceleration	1972
19730066682	E-2C airplane IFF detector processor (OL-76/AA) maintainability demonstration	1972
19730066683	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the series A-3B airplane	1972
19730066684	MM 3 re-entry systems block 4-Mod 1-B2 improved shroud STM 7 W/8W configured flight proof test	1972
19730066685	Environmental and operational evaluation of torpedo tube test set MK 552 Mod o	1972
19730066687	Concept of operations for a life support system	1972
19730066688	Production engineering measure for hybrid integrated circuits for fuze applications. Part 1: Integrated arming and firing circuit. Part 2: Precision oscillator integrated circuit	1972
19730066689	Dynamic compatibility of helicopter propulsion components	1972
19730066692	The most important types of firearms	1972
19730066693	Laser power laser protection	1972
19730066694	Characteristics and development report for a 1.0-minute-delay detonator	1972
19730066696	Test and evaluation of computronics model AN/URM-25K, serial A92 signal generator	1972
19730066697	Acoustical loading and heat-transfer-rate distributions on a 7.2 degree cone at Mach numbers 4, 8, and 10	1972
19730066698	Heat exchange between the electrodes and flow of an argon-potassium plasma	1972
19730066699	Production engineering measure for solid state photodetectors	1972
19730066700	High power TRAPATT devices	1972
19730066701	Annual review of type-life programs: Fiscal year 1972	1972
19730066702	Modification of a Piaggio P 149 D into an airplane having selectable properties in the pitching velocity wind tunnel, parts 1 and 2	1972
19730066705	Production engineering measure for beam lead integrated circuits	1972
19730066709	ZF type F-44 transmission for VFW gyrodyne H3 Sprinter	1972
19730066710	Aerospace ground equipment compatibility test reports. Volume 1: F5E aircraft	1972
19730066712	MICRON analysis. Volume 1: Mesga attitude readout error	1972
19730066713	Category 2 C-5A personnel subsystem test and evaluation	1972
19730066714	IROS cost study for the AN/AAS-18 infrared detecting set	1972
19730066715	Button pack 70-5	1972
19730066716	Design studies on an Army aircrewman's CB protective mask module	1972
19730066717	THRIVE: A digital computer program for the calculation of thermionic converter performance characteristics	1972
19730066719	ERAPS shipboard/aircraft handling and stowage definition	1972
19730066720	TROCS (Transient Response Of Coupled Shells) user's manual	1972
19730066722	Halide window material technology	1972
19730066723	Command manual for MACV Title Transfer Alert Listing (TTAL)	1972
19730066724	AN/SSQ-41A/53 sonodrop: Floccelerator/deccelerator wind tunnel test results	1972
19730066727	Report on final status of the simplified full length corrosion and chemical stability test of corrosion resistant insulators (TIS DT-067)	1972
19730066728	Procedural guidelines for IN-MSD-1 configuration control	1972
19730066729	Delay in fatigue crack growth	1972
19730066733	Determination of the roles, responsibilities and requirements for man in earth orbital space missions	1972
19730066736	Melting behavior and phase relations of lunar samples	1972
19730066737	Stratoscope progress report, 1 May 1971 - 30 April 1972	1972
19730066739	Stress wave calculations in composite plates using the fast Fourier transform	1972
19730066787	Polaris, volume 1, no. 2, 1972	1972
19730066788	Design studies for IFF transponder: Trapatt diode	1972
19730066791	Research in thermal chemistry, physics, and chemical physics	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066795	Planetary studies, A	1972
19730066796	Second Bimonthly Progress Letter, 19 Sep. - 18 Nov. 1972	1972
19730066797	Fuel systems for an Arctic surface effect vehicle: State-of-the-art survey of Arctic fuel systems and preliminary evaluation of fuel requirements	1972
19730066798	Aerodynamic characteristics of an 040A space shuttle launch configuration with simulated rocket plumes at Mach numbers from 0.8 to 2.2	1972
19730066799	Apollo block 2 16 mm data acquisition camera	1972
19730066802	Laboratory operating procedure for variable temperature calibration bath	1972
19730066803	Mode description of the EROS Data Center	1972
19730066804	Data supplement Atlas/Centaur-31	1972
19730066805	Study of improved methods for predicting human response to aircraft noise: Magnitude estimation test	1972
19730066806	France: Nuclear, missile, and space developments, no. 336	1972
19730066809	Study of optical properties of X-ray sources	1972
19730066810	Launch vehicle test and checkout plan. Volume 2: Saturn 5 launch vehicle AS-513 flow plan and listings	1972
19730066812	Determination of the specific heat of X-14 propellant by differential scanning calorimetry	1972
19730066813	Development of a position sensitive X-ray detector for use in a light weight X-ray diffractometer	1972
19730066814	Research in cosmic and solar physics	1972
19730066816	GEOP (geodesy/solid-earth and ocean physics) research conferences	1972
19730066817	Electrical parameter measurements on lunar samples returned from Apollo 14 and 15	1972
19730066818	Semiannual status report, 1 April - 30 September 1972	1972
19730066819	Composite lines for space shuttle vehicle	1972
19730066820	Study of some aspects of aerospace technology utilization in the civilian biomedical field	1972
19730066822	Effects of dormancy on electronic equipment	1972
19730066825	Improved electroforming techniques	1972
19730066826	Advanced space engine preliminary design	1972
19730066827	Chemical propulsion newsletter	1972
19730066828	Feedline geyser suppression	1972
19730066829	Monolithic catalyst beds for hydrazine reactors follow on contract	1972
19730066830	Electric field probe data from 14.00 and 18.00 series rocket flights	1972
19730066831	An organic fiber/epoxy filament wound vessel for cryogenic propellants	1972
19730066832	Welded electronic modules	1972
19730066833	Kennedy Space Center automated payload and expendable stage operations and management plan. Volume 1: Operations plan	1972
19730066843	National survey of air pollution 1961 - 1971. Volume 1: General introduction, United Kingdom: A summary, south east region excluding London, Greater London area	1972
19730066845	Possibilities of improving winter micrometeorological conditions in existing and planned urban areas	1972
19730066846	Application of Monte-Carlo technique for calculating intermodulation noise	1972
19730066849	High performance airborne 16 mm laser beam film recorder for TV type sensors	1972
19730066850	Sodium technology and cover gas seal development programs	1972
19730066851	S3PHOTRAN, A general purpose photon transport program in complex geometry a modified version of photran. Volume 1: Theory and users manual	1972
19730066852	Traveling wave acoustic amplifier	1972
19730066854	B-52 aircraft electromagnetic pulse test report. Volume 1: B-52 aircraft test design and initial tests	1972
19730066856	Evaluation of high temperature paints as a maskant against nitride	1972
19730066857	Power combiner for high power UHF solid state amplifier	1972
19730066858	JFET hardening and high dose rate study	1972
19730066859	Signal simulator for measuring set AN/TSS-6	1972
19730066860	Tactical missile self-adaptive controller	1972
19730066861	Nontactical radios for base support net communications	1972
19730066862	Production engineering measure hydrazine fuel cells	1972
19730066864	Heat flux transducer calibrator	1972
19730066865	Reliability program plan for Sparrow 3 AIM-7F-4 guidance and control section	1972
19730066866	T400-CP-400 engine sea level low and high temperature and altitude qualification tests	1972
19730066867	Properties of crimp textiles evaluated	1972
19730066868	The Harrier avionics system	1972
19730066869	Correlation of the loading and response data from the Nike-Hercules nose cone/DASACON shock tube tests. Part 2: Structural response correlation	1972
19730066882	Tactics addendum to the credible chase final reports (AU-23A/AU-24A)	1972
19730066883	Evaluation of high rate life test, employing one, type MS 90365-2, nickel-cadmium battery	1972
19730066885	Image intensifier with contrast enhancement	1972
19730066886	Effects of strong explosions, 3 (Soviet literature translations)	1972
19730066887	A fractographic investigation of explosively fragmented silicon-manganese steels by scanning electron microscopy	1972
19730066888	Underwater imaging in back-scattered light	1972
19730066889	Production engineering measure for solid state photodetectors	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066890	Helmet mounted display tubes design	1972
19730066891	Third generation image inverter tube	1972
19730066892	Production engineering measure for solid state photodetectors	1972
19730066893	Improved radiation-stable thermal control coatings, part 3	1972
19730066894	Army preliminary evaluation 2: Production OV-1D (Mohawk) performance addendum	1972
19730066895	Production engineering measure: Computer aided design system for integrated circuits	1972
19730066896	Aerodynamics of guided missile control, a collection of the fundamental literature	1972
19730066897	Independent research and independent exploratory development	1972
19730066898	Evaluation of high rate life test, authorized by airtask A05-536-805/323-2/6178, employing one, type MS 18045-74, nickel-cadmium battery	1972
19730066900	Transient voltage investigation	1972
19730066901	Static test firing of minuteman second stage, M56A1 operational motor, S/N 0022050 LGM-30 program	1972
19730066902	Quality assurance test of igniters. AIM-4A/D missiles	1972
19730066903	Study of initial phase of breakdown of a gas by a laser	1972
19730066904	Flight test results of the cactus high sensitivity accelerometer	1972
19730066908	Unclassified reports of space programs at the Johns Hopkins University Applied Physics Laboratory	1972
19730066909	Development and delivery of 3 each silicon intensifier target camera tubes (18 mm, 40 mm, and 80 mm)	1972
19730066910	Tests of nose flaps for terminal guidance of the Lance missile at Mach numbers of 8.0 to 1.4	1972
19730066912	Stimulated emission in the vacuum ultraviolet range	1972
19730066913	Effect of some surface active agents on zinc corrosion in Leclanche cell electrolyte	1972
19730066914	New ideas for reducing the toxicity level of combustion gases in spark ignition engines	1972
19730066915	Laser-rays (non-medicinal usage)	1972
19730066916	For the first time Terrafix	1972
19730066918	Army preliminary evaluation prototype Hughes model 369C (OH-6C) helicopter	1972
19730066920	General surveillance evaluation of the 3.5 inch rocket motor for the M28A2 heat, M29A2 practice and M30 smoke marine weapons	1972
19730066922	Guide to instrumentation for measurement and control of air and water pollutants (revision 1)	1972
19730066923	Preliminary analysis of R and D planning	1972
19730066924	Engineering test of laser tank gunnery trainer, XM55 (formally device 3 A110)	1972
19730066927	Failure mechanism of a nuclear shell theoretical analysis	1972
19730066928	Small ships SHF Satcom antenna, phase 1	1972
19730066929	Basic circuit modules	1972
19730066930	Development and demonstration of a flightweight Hydroquench Thrust Termination System (HTTS)	1972
19730066931	Silicon target return beam vidicon	1972
19730066932	Support tasks for transducer analysis and diffraction investigations	1972
19730066933	Chemical laser facility study. Volume 2: Laser test system design criteria	1972
19730066934	Development of long-life high-capacity vuilleumier refrigeration system for space applications. Part 3: Refrigerator design and thermal analyses	1972
19730066935	Antislime coatings. Part 3: Antislime organometallic polymers of optical quality	1972
19730066936	Signal processing method and analysis for motion and imaging, volume 1, part 2	1972
19730066937	Afford system description and user's manual. Volume 5: Force application processor (FORCAP)	1972
19730066938	Afford system description and user's manual. Volume 6: VGATES combat simulation model	1972
19730066948	Alternate design approaches for 10-30 MHz antennas on DLG's	1972
19730066949	Prototype IFF emergency alarm tester	1972
19730066950	CO2 laser cutting techniques on materials	1972
19730066951	Battery breathing device for gas masks and ABC protective suits and all air filters	1972
19730066953	PA 105: An optical helium magnetometer	1972
19730066954	Service test of trainer, tank gunnery: Laser, XM55	1972
19730066955	A leap forward for airborne power generators	1972
19730066957	Low cost S-band transmitter tube for phased array radars	1972
19730066958	SSN tactical display system: Sound wave ray trace propagation loss algorithm error analysis for the surface duct case	1972
19730066960	Control of crosslinking in HTBP propellants	1972
19730066961	A simulation of antenna pointing errors due to ground reflection multipath propagation	1972
19730066962	Design criteria for high-authority closed-loop primary flight control systems	1972
19730066963	Nd:YAlO3 laser device development	1972
19730066964	Theoretical and experimental study of use of junction FET digital integrated circuits in radiation environments	1972
19730066969	C3 PAT lot verification test. Semiconductor, special types of, field effect, silicon, planar, epitaxial	1972
19730066970	Test set converter subassembly-video converter AN/AAM-35	1972
19730066971	A study of the growth of cracks in high strength steels	1972
19730066973	Effect of hot-dip aluminizing of titanium sheet on its heat resistance in air atmosphere	1972
19730066975	Flight-test firing of Minuteman 3 third stage motor serial number AX30115 (STM-3W)	1972
19730066979	Analysis of coupling to the commercial power system	1972
19730066980	High data rate millimeter-wave exciter/modulator/amplifier	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066981	Satory 3	1972
19730066982	Report of the Soviet and East German Communications Mission, September 1970	1972
19730066983	N/C Verify software system (version 1.0) user's reference manual	1972
19730066985	Dynamic pressure investigation on the standard and low smoke combustion liners, afterburner roll back investigation and high and low temperature start test with standard and low smoke combustors	1972
19730066986	APX-BEJU 260 scanner to equip Royal Navy Wasp helicopters	1972
19730066987	Taildog, Martel missiles to equip Harrier tactical support aircraft	1972
19730066988	Design of high speed teleprinters and tapes required by electronic computers	1972
19730066989	The thermal stress on an aerodynamic reentry body and the resulting optimization and design criteria	1972
19730066990	Suitability of force measuring instruments for the examination of materials testing machines	1972
19730066991	Lockridge mapstrap	1972
19730066992	Evaluation of Alfa American Corporation anti-laser filters, February - April 1972	1972
19730066993	New high power broadband coated Al ₂ O ₂	1972
19730066994	Deep submergence rescue vehicle four quadrant propulsion dynamics	1972
19730066995	First article testing of telgraph signal analyzer TS-3069	1972
19730066997	Dynamic analysis of ASW effectiveness, queueing approach	1972
19730066998	Category 2 evaluation of the C-5A guidance subsystem	1972
19730066999	Production engineering measure for solid-state avalanche photodetectors, volume 1	1972
19730067000	Production engineering measure for solid-state avalanche photodetectors, volume 2	1972
19730067001	Production engineering measure for solid-state avalanche photodetectors, volume 3	1972
19730067002	Production engineering measure for 25 mm intensified diode array camera tube	1972
19730067005	Influence of pilot limb incapacitation on rotary wing flight	1972
19730067009	First article tests of two, type MS 3319-1, nickel-cadmium batteries, manufactured by Gulton Battery Corporation	1972
19730067010	Inertial position guidance and control for ballistic missiles	1972
19730067011	ASROC firing zone for the USS Mitscher DDG-35	1972
19730067012	Igniter Mark 283 Mod 0 qualification report	1972
19730067016	Spectroscopic study of the high-voltage electric discharge in pure N ₂ , N ₂ H ₃ and the (N ₂ + H ₂) mixture	1972
19730067017	Boelkow BO 105 multipurpose helicopter	1972
19730067018	Experience gained from operating ODRA 1304 computer	1972
19730067019	Measured characteristics of the X-24A lifting body flight control system	1972
19730067020	An empirical method for predicting aerodynamic coefficients for projectiles - drag coefficient	1972
19730067021	Flight test, evaluation and calibration of AIMS airborne ATRCBS equipment for the T-33B airplane	1972
19730067023	Durability of adhesive bonded glass resin composites	1972
19730067025	Study of the parameters of a nonequilibrium plasma on the MHD compressor device	1972
19730067026	The origin of some defects found in fractures of extruded brass products	1972
19730067028	Microwave devices in silicon-on-sapphire	1972
19730067030	Summary of PDQ-7 (IBM-360-370 version) input data requirements and operating procedures	1972
19730067031	Effects of microstructure on swelling and tensile properties of neutron irradiated types 316 and 405 stainless steels	1972
19730067032	Determination of densities, surface area, particle size distribution, average particle size, and porosity of fifteen different samples of zirconium carbide powder	1972
19730067033	Structural analysis summary report: Reflector assembly	1972
19730067034	Measurement of the fission cross sections of U-233, U-235, and Pu-239	1972
19730067037	Guidelines for application of tantalum capacitors	1972
19730067038	Improved burn-in test methods study for TTL	1972
19730067039	Conceptual design study for a teleoperator visual system	1972
19730067040	Outer planets program MJS 1977 mission definition phase	1972
19730067041	An investigation of separate surface stability augmentation systems for general aviation aircraft	1972
19730067042	A survey of actuating and sensing equipment for general aviation airplanes	1972
19730067043	Total energy distribution of field emitted electrons	1972
19730067044	Determination of design allowable strength properties of elevated-temperature alloys. Part 2: Superalloys	1972
19730067054	Discrete device qualification testing, part no. 1N939A	1972
19730067058	Development of high strength aluminum alloy rivets	1972
19730067059	Japan: Nuclear, missile, space, and defense developments no. 163	1972
19730067068	Half-Year Report, 1 May - 1 November 1972	1972
19730067070	Photoheliograph thermal control study	1972
19730067073	C-5A category 1 engineering flight test guidance subsystem test results. Volume 2: Multi-mode radar	1972
19730067074	Investigation of gamma rays from the galactic center	1972
19730067075	Monthly Progress Report, 15 November - 15 December 1972	1972
19730067076	A new spectroscopic technique utilizing the Fabry-Perot interferometer	1972
19730067077	Unified network testing study, volume 1	1972
19730067078	Unified network testing study, volume 2	1972
19730067079	Thermal performance of multilayer insulation	1972
19730067080	Experimental quiet engine program	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067082	Basic failure mechanisms in advanced composites	1972
19730067084	Composite reinforced propellant tanks	1972
19730067085	Composite lines for space shuttle vehicle	1972
19730067086	Digital flight controller development	1972
19730067087	Space cell test program	1972
19730067088	Study of approximation concepts in structural synthesis	1972
19730067089	Fabrication of EPT-10- diaphragms	1972
19730067091	Advanced space program studies	1972
19730067092	Technical consulting services for Earth Resources Program	1972
19730067093	A theoretical and experimental research program in the physics of planetary atmospheres: Simultaneous wavelength detection	1972
19730067094	Complexity problems and formal language theory	1972
19730067095	Combustion instability with partial length acoustic liners	1972
19730067096	Research on compressible unsteady potential aerodynamic flow around lifting bodies having arbitrary shapes and motions	1972
19730067097	Stress corrosion cracking of titanium alloys	1972
19730067098	Space-related activities in the Institute for Molecular and Cellular Evolution	1972
19730067101	Development of autoclavable addition-type polyimides	1972
19730067102	Filament winding S/glass/polyimide resin composite processing study	1972
19730067103	Millimeter wavelengths propagation studies	1972
19730067105	Study of low frequency hydromagnetic waves using ATS-1 data	1972
19730067107	Status report, 1 January - 15 November 1972	1972
19730067108	Magnetopause structure from satellite observations	1972
19730067109	Investigation of the effect of metallurgical structure and properties on the adhesion and friction behavior of cobalt alloys	1972
19730067110	Infrared laboratory studies of synthetic planetary atmospheres	1972
19730067111	Energy transfer in volume-reflecting heat shields	1972
19730067112	Mosaic crystal devices for stellar and solar X ray spectroscopy and polarimetry	1972
19730067113	Planetary geology, stellar evolution and galactic cosmology	1972
19730067114	Asymptotic behavior of nonlinear contraction semigroups	1972
19730067116	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1972
19730067117	Solar wind physics	1972
19730067118	Microbiological performance testing on the water management sub-system for a four-man space capsule	1972
19730067119	The electron echo experiment: A brief summary of current work with bibliography and announcement of available technical reports	1972
19730067120	Hydrogen film cooling investigation	1972
19730067121	Production engineering measure for electronic quality assurance test equipment, automatic (EQUATE)	1972
19730067122	Lamination residual stresses in fiber composites	1972
19730067123	Advanced techniques for determining long-term compatibility of materials with propellants	1972
19730067124	Extended temperature range ACPS thruster investigation	1972
19730067125	Advanced hydrogen/oxygen thrust chamber design analysis program	1972
19730067126	Advanced space engine preliminary design	1972
19730067127	Advanced space engine preliminary design	1972
19730067128	Lightweight vacuum jacket for cryogenic insulation	1972
19730067129	Investigation of propellant flow control system	1972
19730067130	Vacuum jacketed composite lines	1972
19730067131	Rocket spectrometer for investigation in the far ultraviolet solar spectrum	1972
19730067132	Radio frequency interference measurement experiment for ATS-F	1972
19730067133	Wall mounted heat exchanger characterization	1972
19730067134	Regeneratively cooled rocket engine for space storable propellants	1972
19730067136	Design, manufacture and testing of zero-gravity condenser: Integration of evaporator, condenser, and auxiliary components	1972
19730067137	Flame retardant polyphosphazenes	1972
19730067138	Research and advanced technological development activities	1972
19730067140	Aerodynamic characteristics of a space shuttle launch configuration consisting of a delta-wing orbiter and booster with canard, aft swept wing, and tip fans (M = 0.6 to 2.0). Volume 1: Composite configuration	1972
19730067144	Investigation of computer graphics application to experimental/modification development wiring of special mission aircraft	1972
19730067150	Hydrazine gas generator program	1972
19730067151	Monopropellant engine investigation for space shuttle reaction control system	1972
19730067153	Study of the combustion efficiency of fluorine containing solid propellants (U)	1972
19730067154	Off-axis measurements of 1.06 micrometer laser radiation (U)	1972
19730067155	Exploratory development of non-aqueous, high rate batteries, phase 1	1972
19730067156	Development of F-4 aircraft constant speed drive independent oil system	1972
19730067157	Test and evaluation of the AERO 66B manual hoisting bar	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067158	Category 2 evaluation of the C-5A hydraulic and flight control subsystems	1972
19730067159	S3PHOTRAN, a general purpose photon transport program in complex geometry (a modified version of PHOTRAN). Volume 2: A complete description of all subroutines including flow diagrams	1972
19730067160	S3PHOTRAN, a general purpose photon transport program in complex geometry (a modified version of PHOTRAN). Volume 3: Cross section data	1972
19730067161	Fundamental aspects of unconfined explosions	1972
19730067164	AN/AAS-18 infrared detecting set cryogenic cooler	1972
19730067165	Evaluation of high rate life test, employing one, type MS 18045-75, nickel-cadmium battery	1972
19730067166	MNOS-memory transistor arrays on an insulating substrate	1972
19730067167	In situ motion analysis of a hydrophone array suspended 3000 ft above the ocean bottom	1972
19730067168	Pressure and temperature measurements in the subsonic region of the standard Mark 56 rocket motor exhaust	1972
19730067169	Antenna patterns of the Pershing trajectory accuracy prediction system	1972
19730067176	Improved shroud separation tests	1972
19730067177	Evaluation of candidate materials for fire fighter's proximity suits	1972
19730067178	Radar chronograph set (lightweight)	1972
19730067179	Technology studies on lightweight, large aperture, low-light-level optical systems	1972
19730067181	On the behavior of acceleration waves in deformed elastic non-conductors	1972
19730067182	External influences on the growth and decay of one-dimensional shock waves in elastic non-conductors	1972
19730067183	Concentration dependent diffusion: Table of solutions	1972
19730067184	Simulation of the thermal response of ordnance immersed in large aviation fuel fires	1972
19730067187	Meteorological observations in Canada	1972
19730067188	RP10-1 optical diode study	1972
19730067195	Monthly record, meteorological observations in Canada, January 1972	1972
19730067196	Crystal growth and property studies of materials for pyroelectric vidicons	1972
19730067197	Shipboard aviation maintenance communications	1972
19730067198	Technical evaluation of a 60 channel retrofit kit for radio set AN/TRC-97G	1972
19730067199	Electromagnetic compatibility analysis of tactical satellite communications (TACSATCOM) and tactical down-the-hill microwave radio relay	1972
19730067200	Material development of thermally stable glove leather	1972
19730067201	C3 PAT lot verification test. Transformer, power, NOC, enclosed, audio frequency NOC	1972
19730067206	Flight-test firing of Minuteman 3 third-stage motor serial number AX30116 (STM-4W)	1972
19730067207	Product improvement test of improved Honest John program tape for FADAC	1972
19730067209	ALR-45 amplifier-detector redesign	1972
19730067210	Flight-test firing of Minuteman 3 third-stage motor serial number AX30117 (STM-5W)	1972
19730067211	Linear integrated electronic arrays	1972
19730067212	Some aspects of vertical electroslag (VSL) in the USSR	1972
19730067213	Measurements and preliminary interpretation of HF radar Doppler spectra from the sea echo of an Atlantic storm	1972
19730067214	Dynamic characteristic and external ac circuit of a direct current gas discharge	1972
19730067215	Study of field assisted photocathodes with double heterojunction structure	1972
19730067216	A photoelectric study of clean and cesiated Si(100) and G2(100)	1972
19730067218	Engineering test of lightweight camouflage screening system desert	1972
19730067219	Engineering design handbook. Tables of the cumulative binomial probabilities	1972
19730067220	VHF tactical channel simulator advanced development model	1972
19730067221	Aircraft target division basic capabilities development program for fiscal year 1972	1972
19730067222	Data bussing study	1972
19730067223	Technical evaluation of the EA-6B airplane with J52-P-408 engines installed	1972
19730067224	Reentry Observables Predictions and Experiments (ROPE)	1972
19730067225	MK 88 (POSEIDON) module qualification test	1972
19730067226	Prototype personnel transfer capsule space heater scrubber test report	1972
19730067230	Final phase Navy preliminary evaluation of the model HH-2D/101 rotor system	1972
19730067231	Nitroform as a monopropellant	1972
19730067232	Handbook of underwater imaging system design	1972
19730067233	Role of binders in solid propellant combustion	1972
19730067235	Characteristics of heterodyne frequency analysis	1972
19730067236	Characterization of an encapsulated 50-ohm manganin foil piezoresistive gauge	1972
19730067237	Mk 88 module qualification test	1972
19730067238	Mk 88 module qualification test	1972
19730067240	Ground surveillance radar AN/PPS-15	1972
19730067242	High acceleration terminal homing technology	1972
19730067243	On the moving and stationary layers in a glow discharge	1972
19730067244	The influence of vibration on motor performance. 2: The effects of longitudinal vibration on reaction time, manual control, and working position	1972
19730067245	Vibration exposure criteria as habitability requirement for the Arctic surface effect vehicle	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067247	High rate low temperature alkaline primary cell	1972
19730067248	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the TF-9J airplane	1972
19730067249	Static test firing of Minuteman second stage, M56 operational motor, S/N 0021032 LGM-30 program	1972
19730067250	AVCO Corporation/Electronics Division, model AED-101-1, command destruct receiver, spectrum utilization characteristics	1972
19730067251	Computer signal processing study. Volume 1: Analytical results	1972
19730067252	Computer signal processing study. Volume 2: Computer programs	1972
19730067253	Aircraft/Stores Compatibility Symposium Proceedings, volume 1	1972
19730067255	TACAMO 4 B program engineering report, volume 5	1972
19730067257	Electroreflectance. Part 7: MOS techniques	1972
19730067258	Hydrodynamic drag of some candidate surface floats for sonobuoy applications	1972
19730067259	Digital signal processing	1972
19730067261	Production engineering measure on gating transistors	1972
19730067262	Meteorological spectral analysis	1972
19730067265	Static test firing of LGM-30A stage 1 rocket motor S/N 0011080 Minuteman surveillance program	1972
19730067266	Production engineering measure for 25mm flexible fiber optic rope	1972
19730067267	Integrated engineering and expanded service test of land combat support system (LCSS) in support of lance	1972
19730067268	Determining the signature characteristics of the amphibious Assault Landing Craft (AALC): A test program guide	1972
19730067269	RF burnout testing of microwave mixer diodes	1972
19730067270	ILLIAC 4 program study	1972
19730067271	American Optical Corporation photochromic film for real-time large screen displays	1972
19730067272	Engineering test of lightweight camouflage screening system (snow) test plan	1972
19730067273	Status of MK 88 (Poseidon) fire control module testing	1972
19730067279	The effect of a deflected spike on the aerodynamic forces of blunt-nosed cylinders at hypersonic Mach numbers	1972
19730067280	Influence of fillers in polyamide coatings on working properties of sliding bearings	1972
19730067281	Experimental programmable modem	1972
19730067282	Bibliography of the joint Army-Navy aircraft instrumentation research program	1972
19730067285	Aeronomic studies for SECEDE: SECEDE 2 rocket probe experiment	1972
19730067286	Production engineering measure for S-band 10-20 watt transistor	1972
19730067287	Mg/Mg perchlorate battery development	1972
19730067288	Evaluation of benzotriazole fuel additive in a full scale turbojet engine and a single combustor at 300 F fuel temperature	1972
19730067289	T53 product support and component improvement programs	1972
19730067290	SAM-D engineering development status. Volume 1: Narrative Summary	1972
19730067291	UK/BS4 shuttle blade and USN/NGL spreader stress analysis for cross operations condition	1972
19730067292	A notch toughness study of HY-130 castings	1972
19730067294	Infrared radiometer experiment	1972
19730067295	Relations between deep-drawability and Lankford number	1972
19730067296	Radiation pyrometer for gas turbine blades	1972
19730067297	Comparison of two models of a UHF/VHF antenna (Collins 37R-2U (AT-1108) and CCC model VU-10-122-1)	1972
19730067298	Surveillance of Mk 34 Mod 1 JATO rocket motor (0.7ES-2650)	1972
19730067299	Microwave steerable antenna array	1972
19730067300	TA3/PA and AS-11B-1 improvement study	1972
19730067301	Ablative elastomeric insulation for rocket motor cases	1972
19730067303	Mechanical test methods-testing of sealing fasteners	1972
19730067304	Design, fabrication, installation and test of suitable ADF sense antenna for UH-1H helicopters	1972
19730067308	First article test and evaluation of electronic gate TD-937B/SP	1972
19730067309	Teletherm buoy data report: Support for acoustic model validation	1972
19730067310	Electrochemical characteristics of porous silver/silver chloride electrodes	1972
19730067314	Effect of prevaporized JP-s fuel on combustor performance	1972
19730067315	Design verification test of the A-4 ram air turbine generator system	1972
19730067316	The effect of oxygen content on the strength, toughness, and stress corrosion cracking resistance of Ti-6Al-2Cb-1-Ta-0.8 Mo and T1-6Al-4V plate	1972
19730067317	Estimated airloads and moments on the model RMK-23/A37U-31 launcher reeling machine with and without a tow target installed on A-4 aircraft	1972
19730067319	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1972
19730067324	Satellite gamma survey, test report SESP flight P72-1	1972
19730067325	Seal materials for Arctic surface effect vehicle	1972
19730067326	Responsive deployment techniques study (AFAR)	1972
19730067327	Technical evaluation of a prototype duplexer field change kit for radio set AN/URN-3A	1972
19730067328	Test loading AN/MPN-13 mobile ground control approach unit	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067329	Kinematic ranging in an air-air missile	1972
19730067330	Preliminary design technical summary. Phase 1A: Wing carrythrough structure for an advanced metallic air vehicle	1972
19730067331	Evaluation of MIL-L-81352 and TT-L-50 nitrocellulose lacquers in aerosols for touch up of aliphatic urethane coatings	1972
19730067332	Doppler beam sampling study. Volume 2: Preliminary design of mobile navigation laboratory	1972
19730067333	Improved rain repellent coatings for aircraft windshields, canopies, and other nonmetallic components	1972
19730067335	Prediction and point adjustment	1972
19730067336	On the spatial convergence of spherical harmonics series	1972
19730067337	A method of disk-pendulum applied to geodesy	1972
19730067338	Airfield pavement evaluation, Royal Thai Navy Station, Ban U-Tapao Airfield, Thailand	1972
19730067339	Field testing of surveying instrument: Azimuth, Gyro, Lightweight (SIAGL)	1972
19730067340	Survey of optical and electrical pencils for IFF readout initiation	1972
19730067341	Production engineering measure for solid state photodetectors	1972
19730067342	Static test firing of Minuteman second stage, M56 operational motor, S/N 0021044 LGM-30 program	1972
19730067343	Static test firing of LGM-30F stage 1 rocket motor S/N 0012983 Minuteman surveillance program	1972
19730067344	UH-1N salt water spray ingestion tests (Category 2 follow on test program)	1972
19730067346	Sensitometry of Hughes nucleation media	1972
19730067347	The basic amplifier chain of the HF experimental transmitter facility	1972
19730067348	Exact ray calculation analysis of oblique ionograms	1972
19730067349	Evaluation of LTN-51 inertial navigation system in model EC-130q aircraft	1972
19730067350	A mathematical method of maintaining an accurate plot on the tactical coordinator display at high latitude	1972
19730067351	Preliminary concept evaluation for the wing carrythrough structure of an advanced strategic bomber. Summary	1972
19730067352	Optical propagation tests study	1972
19730067353	An evaluation of the folded triangular dipole as an ionospheric heater antenna	1972
19730067354	The design, development, and manufacture of the test sets, walleye guided weapon AN/DSM-74 and AN/DSM-96	1972
19730067355	The relationship of dynamic pressure fluctuations to velocity fluctuations	1972
19730067356	Development of surface treatments for titanium alloys for adhesive bonding	1972
19730067358	S-3A pre-evaluation engineering data for NPE-11	1972
19730067359	An improved method of high rate discharge testing of aircraft storage batteries	1972
19730067360	An analysis of a slewed launch technique for air launched missiles	1972
19730067361	Electrochemical machining (ECM). Volume 1: Optimization of parameters	1972
19730067362	Electrochemical machining (ECM). Volume 2: Demonstration of optimized parameters and process application data	1972
19730067363	Czechoslovakian gyroplanes	1972
19730067364	Accuracy of a predicted satellite position	1972
19730067365	TRAP: A digital computer program for calculating the response of aircraft to the thermal radiation from a nuclear explosion. Volume 1: Theory and program description	1972
19730067366	Analytical techniques for predicting electromagnetic environments and evaluating potential electromagnetic interference	1972
19730067367	Manufacturing methods and technology measure for standard battery cases	1972
19730067368	Sun pumped laser	1972
19730067369	Integrated solid state transceiver	1972
19730067370	Vibration and acoustic environment of UH-1C helicopter configured with and using the M-5 and M-21 armaments	1972
19730067371	Integrated High Frequency Antenna System (IHFAS)	1972
19730067372	Integrated 10.6-micrometer monopulse receiver system	1972
19730067373	Advanced electron device technology	1972
19730067374	Static test firing of LGM-30B stage 1 rocket motor S/N 0012062 Minuteman surveillance program	1972
19730067375	Electro-optical frequency measurement system	1972
19730067377	Development of lead-tin telluride detectors	1972
19730067378	Reevaluation of deficiencies and shortcomings, service test of C-5A aircraft (air movement)	1972
19730067379	Modular analysis of electronic systems, volume 1	1972
19730067380	Modular analysis of electronic systems, volume 2	1972
19730067381	Production engineering measure for a broadband, 225-400 MHz, 25 watt power transistor	1972
19730067382	On the effect of mission and design parameters on the application of ramjet rockets in low altitude missiles	1972
19730067383	The complete neutrino abstracts	1972
19730067384	Studies of plasma flow in the channel of a pulsed magnetogasdynamic installation and of electrode erosion under arc conditions in nonequilibrium plasma flow	1972
19730067385	Selection of second UHF/AM communications antenna suitable for special mission UH-1H aircraft	1972
19730067386	Height-velocity evaluation CH-47C helicopter	1972
19730067387	Shell 405 catalyst improvement substrate evaluation	1972
19730067388	Monte Carlo calculation of laser induced change in optical density	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067389	The passive reflector as communications relay	1972
19730067390	Test and evaluation of the AH-1J helicopter Navy Technical Evaluation (NTE), phase 2	1972
19730067391	A brief analysis of air vehicles for an airborne communications relay platform system	1972
19730067393	VAST operational assist	1972
19730067396	Evaluation of the meteorological data sounding system, AN/UMQ-7	1972
19730067397	Failure analysis, lead corrosion	1972
19730067405	A method for comparing fallout patterns	1972
19730067406	Qualification of gyro regulator modules (A-5)	1972
19730067407	Computation of the gravimetric geoid on the territory of France	1972
19730067408	Seamounts	1972
19730067411	TRACE helicopter test program	1972
19730067412	Landing performance evaluation of the RA-5C speedbrake/spoiler modification	1972
19730067413	AFRPL technology transfer investigation	1972
19730067414	P/N AE00010 External Baggage Container (EBC), carrier suitability tests	1972
19730067415	Installation and test of AN/SQQ-14 sonar rubber acoustic dome	1972
19730067416	Development of a high speed 1.06 micron photomultiplier tube	1972
19730067417	Fracture control plans for critical structural materials used in deep-hole experiments	1972
19730067418	Standardization of fatigue tests of installed fastener systems	1972
19730067419	Evaluation of advanced beryllium structural configurations	1972
19730067420	Manufacturing techniques for production of single crystal beryllium oxide	1972
19730067421	Automatic programmed film reader	1972
19730067422	The optical sensor and tracker	1972
19730067423	OT and E of A-7D IMS/aircraft battery modification	1972
19730067424	Hard point failure in relationship to lethality phase 1: Single layer beams and cylinders	1972
19730067425	Spectrum signature data of Collins radio receiver 75S-3C	1972
19730067426	Sensor integration and display system (SINDIS) evaluation	1972
19730067427	A study of thermal imaging by birefringently phased-matched parametric image upconversion	1972
19730067428	Evaluation and calibration of AIMS equipment in the UH-1N helicopter	1972
19730067429	Certification of HY-100 steel. Low-cycle fatigue performance of HY-100 steel weldments B4A10L1C-1	1972
19730067431	A survey of computational methods for constrained optimization problems	1972
19730067432	Rigorous bounds of exact solutions of boundary layer problems of Prandtl types	1972
19730067433	TV pinhole camera	1972
19730067434	Measurement of subsurface currents and temperature by deployment of a pulsed laser	1972
19730067435	Report of test to assess SAGE performance when aircraft transponder is switched between an upper and lower antenna (Ping Pong)	1972
19730067436	Constant quality	1972
19730067437	Stability of lead dioxide electrode stock during storage at 160 F	1972
19730067438	Reliable Advanced Solid State Radar (RASSR)	1972
19730067440	Evaluation of the adhesive bonding processes used in helicopter manufacture. Part 3: Development of improved titanium surface treatments	1972
19730067441	Advanced penetration program 3	1972
19730067442	Configuration study	1972
19730067443	Evaluation of Kalvar film types 62, 164, and 144	1972
19730067446	High burning rate propellants for assault weapons: Low cost (U)	1972
19730067447	Use of the Delphi method for the comparison of system concept possibilities: Executive summary (U)	1972
19730067448	The development of a near infrared decoy for the UH-1 helicopter (U)	1972
19730067449	Development of HTPB propellants for air launched missiles (U)	1972
19730067450	RF Laser Target Designator Range Extender (LTDRE) (U)	1972
19730067451	VAST: Versatile Avionics Shop Test (U)	1972
19730067452	Complementary OMEGA/transit study (U)	1972
19730067453	Monopulse false target rejection techniques (U)	1972
19730067454	Gulf of Alaska sonar tests, April - August 1971. Volume 1: Preliminary results of sonar operations, USS DOLPHIN, USS BAYA, USNS S. P. LEE (U)	1972
19730067456	Evaluation of the MLA-2/B miniloop antenna (U)	1972
19730067457	The 35 GHz radiometer high incident angle propagation (U)	1972
19730067459	Analysis of nuclear propulsion and power-conversion systems for large subsonic aircraft (U)	1972
19730067461	Surveillance evaluation of Air Force-held Bullpup AGM-12C liquid rocket engines LR62-RM-4 (U)	1972
19730067462	Helicopter multifunction system (Helms) test report (U)	1972
19730067465	Advanced Turbine Engine Gas Generator (ATEGG) (U)	1972
19730067466	Analytical aerodynamic analysis of an advanced cruise missile SLRTM missile/booster configurations (U)	1972
19730067467	Surveillance of talos booster Mk 11 Mod 5 (U)	1972
19730067468	Test of variable canard span KMU-351/MK 84 laser guided bomb (U)	1972
19730067476	Countermeasures versus advanced tracking radars (U)	1972
19730067479	Mediterranean ASW reference Manual, promulgation of (U)	1972
19730067483	On the damping of finite amplitude electron plasma waves in collisionless plasma	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067484	Convection in the presence of magnetic fields	1972
19730067485	Electro-optical surveillance: Cloudcroft	1972
19730067486	Low temperature static test firing of minuteman LGM-30B rocket motors 0012300, 0022325, and 0032350	1972
19730067487	Generic electronic target: Design/development	1972
19730067488	SNOPSET	1972
19730067489	The application of remote sensing and simulation of streamflow runoff to the management of water resource systems	1972
19730067490	The use of hydrological simulation and remote sensing in an integrated program for water resource systems	1972
19730067492	A study of the cloud top temperature of anorographic cloud	1972
19730067495	Digital encoding and processing of analog information for space applications	1972
19730067500	Development of a portable evoked cortical response audiometrics systems	1972
19730067501	Trace element analysis of mineral separates and determination of partition coefficients	1972
19730067502	Studies of heteroface solar cell performance	1972
19730067504	Investigation of uses of holographic optical elements	1972
19730067505	Discrete device qualification testing, part no 1N944B	1972
19730067506	Analysis of NASA mission teleprocessing resource requirements	1972
19730067523	Vacuum jacketed composite lines	1972
19730067532	Near term V/STOL lift fan research transport update. Volume 1: Technical data	1972
19730067533	Study of a near-term V/STOL lift fan research transport, volume 1	1972
19730067535	Analysis of microwave radiometer measurements of a water tank surface	1972
19730067536	Aerodynamic characteristics of a space shuttle launch configuration consisting of a delta-wing orbiter and a booster with canard, aft swept wing and tip fans (m equals 0.6 to 2.0). Volume 2: Orbiter and booster in the presence of each other	1972
19730067547	Hydrazine gas generator program	1972
19730067548	Satellite situation report, volume 12, no. 11	1972
19730067549	Design, manufacture and testing of zero-gravity condensor: Integration of evaporator, condenser, and auxiliary components	1972
19730067551	Feasibility Study of a 110 Watt per Kilogram Lightweight Solar Array System	1972
19730067552	Calibration procedures for piezoelectric accelerometers	1972
19730067554	Thermodynamic properties of interstitial elements in the refractory metals	1972
19730067560	Design, manufacture, development, test, and evaluation of boron/aluminum structural components for space shuttle	1972
19730067561	Apollo/Saturn 5 space vehicle transfer operations pad to VAB	1972
19730067562	Apollo/saturn 5 space vehicle transfer operations VAB to pad	1972
19730067563	Facility measuring and hazards monitoring support of GH2 pressurization test	1972
19730067564	Facility measuring and hazards monitoring support of LCC interface distributor measurement calibrations	1972
19730067565	Studies related to the surfaces of the moon and planets	1972
19730067567	Detection techniques for tenuous planetary atmospheres	1972
19730067570	Investigation of the difficulties associated with the use of lead telluride and other 2 - 4 compounds for thin film thermistors	1972
19730067573	Impedance of strip-traveling waves on an elastic half space: Asymptotic solution	1972
19730067577	Active cleaning techniques for removing contamination from optical surfaces in space	1972
19730067581	KSC Saturn 5 and skylab record system	1972
19730067582	In-place calibration procedure for Scott air pack tester test stand	1972
19730067583	KSC skylab rescue mission plan	1972
19730067584	Skylab 1/Skylab 2 and subsequent LC-39 launch operations instructions	1972
19730067585	Skylab 1 test and checkout plan, volume 1	1972
19730067587	Design, fabrication, testing, and delivery of shuttle heat pipe loading edge test modules	1972
19730067589	Apollo/Saturn 5 space vehicle flight readiness test	1972
19730067594	KSC Apollo/Skylab call sign handbook	1972
19730067621	Launch vehicle test and checkout plan. Volume 2: Saturn 5 launch vehicle AS-512 flow plan and listings	1972
19730067622	Facility measuring and hazards monitoring support of Environmental Control System (ECS) tests	1972
19730067623	Facility measuring and hazards monitoring support of ground support equipment-spacecraft electrical interface test	1972
19730067628	Flame retardant polyphosphazenes	1972
19730067651	A new electro-optical system for distance measurements	1972
19730067653	The assembly of integrated circuits	1972
19730067654	Modification of the Swedish coastal laser range finder system (UAL 10102)	1972
19730067655	Study of high burnout microwave diodes	1972
19730067657	Study of O-band hybrid microwave integrated circuits	1972
19730067658	Microwave amplification by avalanche diodes	1972
19730067659	Solvent extraction of some single base propellants with diethyl ether	1972
19730067661	Advanced composite engine development program, part 1	1972
19730067662	Advanced composite engine development program, part 2	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067663	Multiple cold finger refrigeration system for cooling infrared detectors	1972
19730067666	Epitaxial growth and characterization of GaAs on spinel	1972
19730067667	Electronic message display units	1972
19730067668	DOD upper stage/shuttle system preliminary requirements study. Volume 1: Summary	1972
19730067669	DOD upper stage/shuttle system preliminary requirements study. Volume 2: OOS vehicle and shuttle interface analyses	1972
19730067670	DOD upper stage/shuttle system preliminary requirements study. Volume 2, appendix 2: Reference shuttle definition	1972
19730067671	DOD upper stage shuttle system preliminary requirements study. Volume 2, appendix 3: Avionics	1972
19730067673	AN/BQS-13 DNA module qualification test	1972
19730067674	MK 88 (POSEIDON) module test	1972
19730067675	Through antiplasma, to antimatter	1972
19730067676	Evaluation of modified relay headers (to 5 can)	1972
19730067677	Cathode-driven, high gain, crossed-filed amplifier	1972
19730067678	Personality and adjustment to military flying. A theoretical discussion and analysis of concepts in the light of empirical results	1972
19730067679	Annual report for contract year 1 September 1971 - 31 August 1972	1972
19730067680	Static test firing of Minuteman third stage operational motor S/N 0031019 LGM-30 operational shelf/service	1972
19730067681	Retinal hemorrhage at high altitude	1972
19730067683	Electronic time fuze with amorphous memory	1972
19730067684	AFFORD system description and user's manual. Volume 1: Summary and planner's guide	1972
19730067686	Activision optimization. Volume 2: Utilization of activision for air to ground missile guidance	1972
19730067687	SAM-D engineering development status. Volume 1: Narrative summary	1972
19730067689	Integrated engineering test and expanded service test (ET/EST) of Land Combat Support System (LCSS) in support of field artillery missile system lance	1972
19730067690	Manufacturing methods for high-density plated wire memory planes for associative processors	1972
19730067694	Product improvement test of radiacmeter IM-174A/PD ("D" cell modified)	1972
19730067697	Minuteman: Ground electronics system, WS-133 AM/B. Identification specification: Extractor printed circuit card MX-9380/G, Figure A 14226	1972
19730067698	Minuteman: Ground electronics systems, WS-133 AM/WS-133B. Model specification: Depot memory-controller group test set. Figure A 14320	1972
19730067700	Evaluation of F-101B target support capability	1972
19730067702	New data presentation systems	1972
19730067703	The use of microwave energy as a means of drying photographic film	1972
19730067710	Long life elastomeric seals	1972
19730067711	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors	1972
19730067712	Rapid laser heating of metals under constant uniaxial stress	1972
19730067713	Engineering design test program for ejector, parachute, cartridge actuated, XM233	1972
19730067714	Pre-production detailed test requirements for environmental tests of keyboard printer set, figure A 14062	1972
19730067715	A production engineering measure for two L-band solid state microwave frequency sources	1972
19730067716	Production engineering measure for high reliability aluminum electrolytic capacitors	1972
19730067717	ADP oriented modular panel display (solid state)	1972
19730067718	Radar set AN/TPS-58A ET/ST	1972
19730067719	Flush-mounted electrostatic probe analysis. 1: Two-dimensional effects: Laminar boundary layer. 2: One-dimensional sheath: Turbulent boundary layer	1972
19730067720	Direct ranging loran. Volume 3: System mechanization	1972
19730067721	Contributions to the development of electronic data processing in geodesy	1972
19730067722	Research on photoelectric imaging devices	1972
19730067723	A study of surface states on GE(111) using field electron emission	1972
19730067724	Study and development of a standard digital interface	1972
19730067725	Conic model CTM-UHF-402C fm telemetry transmitter spectrum utilization characteristics	1972
19730067726	Exploratory development of high temperature resins for structural laminates and adhesives	1972
19730067727	Thermal characteristics of a typical electronic data processing cabinet	1972
19730067728	Users manual, BELAC circuit analysis program	1972
19730067729	TF-34-GE-2 engine development program. Post endurance test	1972
19730067730	Air pollution engineering source and ambient sampling survey no. 21-032-71/72, Holston Army Ammunition Plant, Kingsport, Tennessee, 3 May - 30 June 1971 and 15 August - 4 September 1971	1972
19730067731	Static test firing of Minuteman third stage operational motor S/N 0032049 LGM-30 operational shelf/service life	1972
19730067732	Compensation design and analysis for stabilization of the control loops for the MK 28 Mod 2 rocket launcher system CHAFFROC	1972
19730067735	Automated adaptive routing	1972
19730067737	Directional VHF base station antenna	1972
19730067738	Conduct an operational evaluation of the AN/ARN-99 omega navigation set	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067740	Wind-tunnel tests of the quick strike test vehicle	1972
19730067741	LAMPS shipboard Visual Landing Aids (VLA) and Helo operating and support facilities HOF/HSF program plan	1972
19730067742	User's manual, terminal defense program engagement logic and Control - CIS simulator	1972
19730067743	Residual stresses in HY-100 steel butt-and tee-welded plates	1972
19730067744	Sparrow 3 rocket motor bonded antenna waveguide clip evaluation test	1972
19730067745	Service test of parachute, personnel, troop back, T-10, modified (anti-inversion net and apex centering loops)	1972
19730067746	Progress report abstracts. Biochemistry program	1972
19730067751	Small signal UHF integrated circuits	1972
19730067754	AN/PPS-5 improvement kit and R-2010 battlefield surveillance radar test report	1972
19730067755	Development of a probabilistic basic for evaluating structural safety and design of deep submersibles	1972
19730067757	Advanced electron device technology	1972
19730067759	High data rate optical receiver	1972
19730067760	Program maintenance manual, terminal defense program engagement logic and control CIS simulator	1972
19730067761	Test of the thermal battery initiator assembly for laser guided bombs	1972
19730067762	Investigation of A-6 fuel servicing cap loss	1972
19730067763	Management quarterly report (4th) and annual technical report	1972
19730067764	Improved adhesion of a thermoplastic polymer to nonwoven substrates	1972
19730067765	Thesaurus file maintenance system (a controlled scientific terminology dictionary)	1972
19730067766	Study of the feasibility of long range seismic communications	1972
19730067768	Enlisted aircrewmen management concepts	1972
19730067769	Hydrostatic test of an HY-130 steel pressure structure	1972
19730067770	Low-inertia arresting system concepts	1972
19730067771	Low inertia arresting system concepts	1972
19730067772	Effects of cold and hypoxic stress on protein metabolism, brain serotonin concentration and various parameters of thyroid function	1972
19730067773	Service test (phase 3 air portability) of United States/Federal Republic of Germany heavy equipment transporter, XM746/M747 (HET-70)	1972
19730067775	EMP susceptibility tests	1972
19730067776	Production engineering of Nd:YAG laser rods for laser illuminator transmitters	1972
19730067777	Field test report on test increment 481, wing 2 update, category 1 integration/A and CO, LF-07 (VAFB)	1972
19730067778	Radome icing test of a US Coast Guard HC-130B aircraft	1972
19730067779	Dual spring tire design and test	1972
19730067780	The (Hg, Cd)Te high reliability	1972
19730067781	Program to develop high strength aluminum power metallurgy products. Phase 3: Scale up A	1972
19730067783	Magneto-optic cepstral vocoder program	1972
19730067784	Baseline accuracy test of 2.75-inch rocket system. Volume 4: Run by run meteorological data	1972
19730067785	Baseline accuracy test of the 2.75-inch rocket system. Volume 5: Supplemental information	1972
19730067786	Approximation of a conformal array with multiple, simultaneously excited planar arrays	1972
19730067787	Evaluation of studies of LN-7(R) rechargeable nonaqueous cells	1972
19730067788	Transionospheric differential delay measurements from Timation 2 at 150 MHz and 400 MHz	1972
19730067789	A signal to noise ratio, bearing deviation indicator meter unit utilizing clipper correlator circuitry	1972
19730067790	Study of electrical power distribution system transients caused by lightning at NAVRADSTA (T), Isabela, Puerto Rico	1972
19730067791	A production engineering measure for compact five gun cathode ray tubes	1972
19730067792	BMD computer/radar scheduler study	1972
19730067793	Trim electro-optical test range	1972
19730067795	Modularized fiber-optic-coupled laser arrays	1972
19730067796	Special study of the feasibility of measuring generator performance characteristics with a computer (methodology investigation)	1972
19730067798	Portable volume controlled respirator: Production prototype compressor development program	1972
19730067799	Production engineering measure for multi-electrode crystals, 30 to 70 MHz. Type CR-(XM-72)/U and CR-(XM-73)/U	1972
19730067800	Aging and surveillance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude (motor designation SUR-1)	1972
19730067801	Backward wave CFA development and quick-start testing	1972
19730067802	HgCdTe high reliability detectors	1972
19730067803	High temperature 150 C barrier techniques for TE coolers	1972
19730067804	Master executive control for the advanced avionic digital computer. Volume 3: Appendices	1972
19730067805	Master executive control for the advanced avionic digital computer Volume 4: MEC timing estimates	1972
19730067807	Contribution to the evaluation of fluidic amplifiers	1972
19730067808	Study to optimize active covert night photographic reconnaissance systems, volume 1 (U)	1972
19730067809	Study to optimize active covert night photographic reconnaissance systems, volume 2 (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067811	Spatial-frequency analysis of striated nuclear phenomena. Part 2: A model of the striated check mate cloud (U)	1972
19730067812	Tri-service laser parametric study using the Naval Ordnance Laboratory Gas dynamic laser power extraction program (U)	1972
19730067813	Improved binders for propellant application (U)	1972
19730067815	A thixotropic fuel for tactical missiles (U)	1972
19730067816	DAT, Detection And Tracking (U)	1972
19730067817	Integrated Observation System (IOS) AN/GVQ-10 (U)	1972
19730067818	Advanced radar flight test analysis. Mapping with FLAMR (U)	1972
19730067819	Intermediate temperature array (U)	1972
19730067820	An investigation of potential EMR hazards at SAC bases (U)	1972
19730067822	Advanced systems, modeling and programming support project (U)	1972
19730067827	Ferrite RAM (U)	1972
19730067837	Plan for technical evaluation of the phoenix missile (including F-14A/AWG-9 weapon control system interfaces with Phoenix, Sparrow, and Sidewinder missiles) (U)	1972
19730067838	Lightweight VTOL fighter/ship systems study. Volume 2: System design and evaluation (U)	1972
19730067839	Analysis of PBXW-106 (U)	1972
19730067840	Chaparral comparison test (U)	1972
19730067841	Annual report of the Advisory Group on Electron devices for FY 1972 (U)	1972
19730067842	Advanced Radar Processing System (ARPS). Volume 3: Design implementation (U)	1972
19730067843	Application of system 621B to ascent guidance preliminary feasibility study. Volume 1: Summary (U)	1972
19730067844	Application of system 621B to ascent guidance preliminary feasibility study. Volume 2: Technical discussion (U)	1972
19730067846	Development of HTPB propellant for ballistic missiles (U)	1972
19730067847	Data link for a proposed aircraft to submarine tactical communications system (U)	1972
19730067848	An aircraft to submarine communications system (U)	1972
19730067852	Talos process variables study (U)	1972
19730067853	Initial production test of the Forward Area Alerting Radar (FAAR) (U)	1972
19730067854	High lumen source (U)	1972
19730067855	Engine/airframe optimization and trade off study for a V/STOL aircraft (U)	1972
19730067857	High energy laser program (U)	1972
19730067858	Integrated Observation System (IOS) 2 (U)	1972
19730067859	Manufacturing methods for DINOL process (U)	1972
19730067860	High burning rate propellants for assault weapons: Quality control (U)	1972
19730067865	DIGI-TRAC: A digital TV tracking logic using real time automatic correlation (U)	1972
19730067866	End burning technology program (U)	1972
19730067867	Stabilization system design for swimmer defense imaging sensor (U)	1972
19730067868	A low power radar signal processor for airborne target identification (U)	1972
19730067873	Fixwex alpha 72 (U)	1972
19730067875	Techniques research for countermeasures against advanced interceptor systems (U)	1972
19730067879	A critical evaluation of a report concerning the frequency power spectrum of nuclear fireball clutter from Event ""Dulce" (U)	1972
19730067880	Evaluation of Empass test plan designed for evaluating AN/SPG-55B missile fire control system (U)	1972
19730067892	Radar detection probabilities from recent Polar Fox 1 measurements (U)	1972
19730067894	Intersatellite optical communications study (U)	1972
19730067895	Target location concept by dipole resonance radar (U)	1972
19730067896	Military applications of upconversion (U)	1972
19730067897	Missile propulsion technology and its effects on costs in advanced submarine based missile systems (U)	1972
19730067898	Coherent optical processor for noncooperative target recognition (U)	1972
19730067900	Packaging development of signal conditioner, 290907, for W66 (Sprint) JTA	1972
19730067901	Characteristics and development report for the MC2329 inertial switch	1972
19730067902	Radiation effects data on selected transistors, diodes and integrated circuits	1972
19730067903	Birdseed 2: Rockets, payloads, and operations	1972
19730067904	Statistical mechanics of guiding center plasma in two dimensions	1972
19730067919	Fracture of graphite (U)	1972
19730067921	LASL rover program (U)	1972
19730067924	Broadband, high power VHF crossed field amplifier (U)	1972
19730067925	Investigation of coaxial guns for achieving high speed gas flow	1972
19730067926	Development of fabrication technology in the area of thermal protection devices. Fabrication of a vacuum brazed beryllium heat shield panel	1972
19730067930	Computer program for modeling the effective torques on a spinning spacecraft	1972
19730067938	Accurate satellite tracking with very long baseline interferometry	1972
19730067939	Turbulent boundary layer in an adverse pressure gradient without effect of wall curvature	1972
19730067940	The dynamic response of magna-lith to compressive loading	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067942	The 1971 to 1972 earth orbital preliminary baseline experiment program S-4b station module study, volume 3	1972
19730067943	The 1971 to 1972 earth orbital preliminary baseline experiment program S-4B station module study, volume 2	1972
19730067945	Definition of a resistojet control system for the manned orbital research laboratory	1972
19730067946	A model for the photically stimulated electroencephalographic signals	1972
19730067947	Space shuttle science instrument development studies	1972
19730067948	Noise and flutter research	1972
19730067949	Supersonic laminar boundary layer flow past a small rearward-facing step including suction	1972
19730067953	Production scanning with the microdensitometer	1972
19730067954	Trajectory simulation of advanced vehicle flight (six-degree-of-freedom equations of motion)	1972
19730067959	OAO-2 data analysis program	1972
19730067978	Analysis and interpretation of magnetic field measurements performed by the Mariner 4 (Mars) and Mariner 5 (Venus) space crafts	1972
19730068000	Investigation into the resolution of defects by microwave holography	1972
19730068001	Advanced Concepts and Missions Division publications, 1972	1972
19730068004	Thick film silicon growth techniques	1972
19730068011	Installation support SNAP-27 recovery plan	1972
19730068013	Behavior of nozzles and acoustic liners in three-dimensional acoustic fields	1972
19730068015	Evaluation of rubber soft goods	1972
19730068018	Research in planetary studies	1972
19730068053	Spectroscopic observations of the planets	1972
19730068054	Spectroscopic observations of the planets	1972
19730068057	Launch mission rules, Apollo 17 (SA-512/CS-M-114/LM-12/LRV-3)	1972
19730068058	TDRS ground station costing study	1972
19730068061	Study of advanced techniques for determining the long term performance of components	1972
19730068064	Dynamics of unsteady cavitating cascades	1972
19730068066	AC-31 data evaluation guide	1972
19730068069	Test evaluation of overwrapped pressure vessels	1972
19730068074	Study of advanced techniques for determining the long term performance of components	1972
19730068075	Thermal performance of multilayer insulation	1972
19730068078	Systems evaluation of low thrust orbit raising	1972
19730068080	Qualification test report for part no. 423-800449	1972
19730068081	Scorsby test stand evaluation of Sperry prototype digital gyrocompass, Mk 19-SD	1972
19730068085	V/STOL community annoyance due to noise proposed indices and levels for Toronto-York transportation committee	1972
19730068086	A procedure for estimating the fatigue life of materials and irregular loading	1972
19730068087	VHF monolithic filters	1972
19730068088	DOD upper stage/shuttle system preliminary requirements study. Volume 1: Management and technical summary	1972
19730068089	DOD upper stage/shuttle system preliminary requirements study. Volume 2: Requirements and design guidelines. Book 1: Unclassified data	1972
19730068090	DOD upper stage/shuttle system preliminary requirements study. Volume 3: Payload retrieval	1972
19730068091	DOD upper stage/shuttle system preliminary requirements study. Volume 4: Vehicle configuration	1972
19730068092	Development trends in special purpose nuclear energy installations	1972
19730068093	MK 88 module qualification test	1972
19730068094	Status of phase 3D MK 88 (POSEIDON) fire control module testing	1972
19730068095	MK 88 module qualification test	1972
19730068096	Mk 88 module qualification test	1972
19730068098	Digital filter design manual	1972
19730068099	A versatile capacitor bank for laboratory testing	1972
19730068100	Electronographic sensitometry	1972
19730068101	Analysis of the accuracy of gravimetric ties measured repeatedly with a set of gravimeters	1972
19730068102	Magnetic domain wall memory	1972
19730068103	RF energy survey	1972
19730068104	Feasibility study of the applicability of certain direct energy conversion processes to environmental signature sensing	1972
19730068105	Solid state commutator	1972
19730068106	Atmospheric limitations on the use of radio waves with frequencies of 15, 35, and 95 GHz	1972
19730068107	Frequency doubled neodymium laser	1972
19730068108	Aerodynamic characteristics of several low aspect ratio stabilizer fins at Mach numbers from 0.8 to 1.3	1972
19730068109	The 100 millijoule single package laser designator	1972
19730068110	Field of application of a trimethylolpropane ester-based lubricating oil	1972
19730068111	Category 2 evaluation of the C-5A landing gear subsystem	1972
19730068114	Development of a numerical differential analyser based on incremental computation	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068115	Messerschmitt-Boelkow-Blohm Company report, 1969	1972
19730068116	On the contracted discharge column in noble gases at medium pressures	1972
19730068117	Ice summary and analysis 1970, Hudson Bay and approaches	1972
19730068118	Papers presented at MHD Symposium	1972
19730068119	Soviet large helicopter Mil Mi-12	1972
19730068120	Thermal degradation of polymers using mass spectroscopy-thermogravimetric analysis techniques	1972
19730068121	Secede 2: Fabre-Perot interferometer data	1972
19730068122	On the potentiometric determination of acid numbers of aircraft turbine oils	1972
19730068123	IR signature generation techniques study, volume 3	1972
19730068124	AGM-69A (SRAM) category I/II test program. Volume 2: Summary test reports	1972
19730068125	AGM-69A (SRAM) category I/II test report. Volume 3: Program description	1972
19730068126	Plasma vacuum-melting apparatus	1972
19730068127	The lift correction in a perforated two dimensional experimental tunnel	1972
19730068128	The air combats I witnessed in North Vietnam	1972
19730068129	Investigation of the feasibility of a magnetohydrodynamic laser	1972
19730068130	Design and development of a low drag sensor	1972
19730068131	TF34-GE-2 engine development program detailed characteristics report	1972
19730068132	TOW weapon system, check test program for XM-70 training set	1972
19730068133	Program to estimate the average head-recovery coefficient of a waterjet-ducting circuit from inlet to pump	1972
19730068134	Modularized fiber-optic-coupled laser arrays	1972
19730068135	Evaluation of sealant/paint systems for spray application and corrosion protection of aircraft metal substates. Part 1: Maintenance engineering support organizational, intermediate and depot level	1972
19730068136	Space communications	1972
19730068137	Improved identification techniques applied to automatic direction finders	1972
19730068138	Total Internal Reflection (TIR) modulator feasibility study	1972
19730068139	Evaluation of potential re-entry vehicle materials for the Undersea Long Range Missile System (ULMS)	1972
19730068141	Methods, devices, and circuits for the EMP hardening of Army electronics	1972
19730068142	Supersonic combustion apparatus	1972
19730068143	Composite material model development	1972
19730068144	Program ABMPLOT: Plotting capability for ABM-1 model user's manual	1972
19730068147	Very long delay and short delay fuzes, phase 4	1972
19730068150	Two meter OPD interferometer	1972
19730068151	Secure regenerative repeater (HYL-X)	1972
19730068153	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-10	1972
19730068154	Basic circuit modules	1972
19730068155	Integrated solid-state microwave sources	1972
19730068156	Integrated test facilities for advanced communication experiments	1972
19730068157	Materials and approaches for improved stress corrosion inhibitive coatings	1972
19730068158	Brittle materials design, high temperature gas turbine	1972
19730068159	Crystal chemical data for ternary chalcogenide and pnictide compounds	1972
19730068160	Synthesis of an autopilot in the flight stabilization mode with the aid of time domain characteristics	1972
19730068161	Generation of higher harmonic frequencies when light passes through a non-linear medium	1972
19730068162	Test set, cryogenic refrigerator AN/AAM-40	1972
19730068163	Process and device for the intensification of chemical reactions occurring in liquid films	1972
19730068166	The use of composite omega and the 3.4kHz difference frequency for aircraft navigation	1972
19730068167	Analysis of the vibration of a piezoelectric telephone diaphragm by holographic interferometry	1972
19730068168	Noncomplex item product fabrication specification for locking set, forced entry, CI 10800 AA, part 2	1972
19730068169	Individual acceptance test report for connector assembly	1972
19730068170	Performance tests of the SAMI heart-beat totaliser	1972
19730068176	The effect of heat treatment on the mechanical properties of the Ti-6Al-2.5-Mo alloy	1972
19730068180	Filter, low pass	1972
19730068183	The detection range of the AN/TPN-19 radars in heavy rain (baseline scan mode)	1972
19730068184	Mini trackbreaker	1972
19730068185	Category 2 test and evaluation of the AN/TSC-60(V) communications central	1972
19730068186	Exploratory development of non-aqueous, high rate batteries, phase 1	1972
19730068187	An elementary derivation of vectorial prediction filtering	1972
19730068188	Development of a low light level camera tube with 3-5 material photocathode	1972
19730068190	Calcium chromate: A new anticorrosive pigment	1972
19730068191	Catalog of the principal silver photographic emulsions used in scientific work	1972
19730068192	Natural radiation hazards at high altitude	1972
19730068193	German aeronautics and astronautics research report 71-61	1972
19730068194	Automated mobile target analysis. Volume 1: Zonal movement analysis	1972
19730068195	Automated mobile target analysis. Volume 2: Target correlation and estimation analysis	1972
19730068196	Production engineering measure, high power xenon lamps	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068197	Voice activated cockpit control	1972
19730068198	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors	1972
19730068199	Trace helicopter test program	1972
19730068200	Human engineering and operating machines	1972
19730068201	Cheap electric power, less environmental damage with MHD-generators	1972
19730068202	Optical communications systems	1972
19730068203	Results of the theory of rotor flow according to Miller and Scully	1972
19730068204	Bulk modulus of pure metals and its pressure dependence on the basis of shock waves	1972
19730068205	Evaluation of health hazards in building M-9, Defense Personnel Support Center, Philadelphia, Pennsylvania, 8, 16 and 21 March 1972	1972
19730068206	POL products usable for military and civilian purposes	1972
19730068207	Parachute jumping safety	1972
19730068208	Automatic diagnostics: Impact on SCS maintenance support	1972
19730068209	Suitability test of AS-2188(V2) antenna and AN/UPA-61 RF switch	1972
19730068210	Interior communication requirements for new-construction aircraft carriers	1972
19730068212	Experimental and analytical determination of integrated airframe nozzle performance, volume 1	1972
19730068213	Experimental and analytical determination of integrated airframe nozzle performance. Volume 2: Operating manual for twin-nozzle/aftbody drag and internal nozzle performance computer deck	1972
19730068214	Electromagnetic field probes	1972
19730068215	Baseline accuracy test of the 2.75-inch rocket system. Volume 1: Introduction	1972
19730068216	Baseline accuracy test of 2.75-inch rocket system. Volume 2: Run by run test data for flights 6B2, 6B3, 6B4, 2B1, 2B2, 2B3, 2B4, and 2B5 (YPG test runs no. 203 - 592)	1972
19730068217	Baseline accuracy test of 2.75-inch rocket system. Volume 3: Run by run test data for flights 2B8, 6B5, 6B6, 6B7, 6B9, 6B10, 6B11, 9B1, 9B2, and 9B3	1972
19730068218	Evaluation of maintenance free battery power system manufactured by Gulton Industries, Incorporated	1972
19730068219	Radiation impedance of the elliptical piston diaphragm	1972
19730068220	Manufacturing methods for low cost rare earth-cobalt magnets	1972
19730068221	Photomultiplier tube for efficient infrared detection	1972
19730068223	Test set, electronic circuit plug in unit AN/AAM-39	1972
19730068224	The aerodynamic design and test of an attack type configuration at supercritical flow conditions	1972
19730068225	Radar cross section and antenna gain measurements of a BQM-34A target drone, volume 1A	1972
19730068226	Radar cross section and antenna gain measurements of a BQM-34A target drone, volume 1B	1972
19730068227	TF34-GE-2 engine qualification. Volume 1: 150 hour endurance test no. 2 (JP-4/MIL-L-7808)	1972
19730068228	STOL/VL fighter study IOC 1978. Volume 1: Summary	1972
19730068229	Aircraft/Stores Compatibility Symposium Proceedings, Volume 3	1972
19730068230	Investigation of the effects of airframe design on inlet flow fields	1972
19730068231	Target Signature Analysis Center: Data compilation, eleventh supplement. Volume 1: Bidirectional reflectance (definition, discussion, and utilization)	1972
19730068234	Status of Mk 88 (Poseidon) module testing	1972
19730068235	Status of AN/BQS-13 DNA digital module testing	1972
19730068236	Hydrogen fluoride laser technology study (CCN)	1972
19730068237	Autofocus camera	1972
19730068238	TACAMO 4B program engineering report. Change 4	1972
19730068240	Antenna design subject to phase-center requirements	1972
19730068241	Production engineering measure for high power traveling-wave tubes	1972
19730068242	Production engineering measure for an electron-beam machine and microwave transistors	1972
19730068243	Production engineering measure for an electron-beam machine and microwave transistors	1972
19730068244	Analysis of lead and copper salts of hydroxy-substituted benzoic acids	1972
19730068245	Test and analysis for shock wave induced initiation of electroexplosive devices	1972
19730068246	Effect of noise signals on angle of arrival determination	1972
19730068247	Elevation angle of arrival measurement with a circularly disposed antenna array	1972
19730068248	Investigation of unregulated converters as battery charges in A-6 aircraft	1972
19730068249	Limited F-14A airplane carrier suitability evaluation	1972
19730068251	Temperature investigation of OV-10A battery and battery compartment	1972
19730068252	Acousto-optical coupling in gases	1972
19730068253	The characterization of aromatic polyamide polymers	1972
19730068254	F-111E flying qualities tests	1972
19730068258	Wind tunnel phases of the N-vane analysis	1972
19730068259	Special study of a procedure for evaluating ground signals	1972
19730068260	The MC-1010 small computer	1972
19730068261	Initial study of submarine and exposed appendage system subjected to Undex loading	1972
19730068266	Radiation hardened bipolar high voltage power transistors	1972
19730068267	The delphi technique and its applicability to Army systems analyses	1972
19730068268	TOW weapon system check test program for TOW initial production battery chargers	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068269	Computer independent specification computer/radar allocation functional category. Version 1: Terminal Defense Program (tdp) system construct	1972
19730068270	Computer independent specification computer/radar scheduling functional category. Version 1 Terminal Defense Program (TDP) system construct	1972
19730068271	Test results computer/radar allocation and computer/radar scheduling. Version 1: Terminal Defense Program (TDP) system construct	1972
19730068272	Test set, optical alignment AN/AAM-36	1972
19730068273	Test set receiver-detecting set subassembly AN/AAM-31	1972
19730068274	Bonding agents for composite propellants	1972
19730068275	Synthesis of thermally stable polymers	1972
19730068276	Failure recurrence control plan for Sparrow 3 AIM-7F-4 guidance and control section	1972
19730068277	TOW weapon system reliability confidence tests for the TOW missile electronics unit (second source contractor)	1972
19730068278	Terminal homing missile/AH-1G Cobra helicopter electromagnetic radiation hazards	1972
19730068279	Air seal and bearing investigation for DE 1061 controllable pitch propeller prairie air manifold	1972
19730068281	Fast NISSM: A utility version of the Navy interim surface ship sonar prediction model	1972
19730068282	Man-made radio noise parameter identification task	1972
19730068283	Observation of crystalline defects in ruby using Pseudo-Kossel methods	1972
19730068284	Advanced measurement techniques study for digital systems	1972
19730068285	High data rate optical modulator	1972
19730068286	High reliability non-volatile integrated memories	1972
19730068287	Production engineering measure for multistage solid state power amplifiers	1972
19730068288	A dynamic model of a goverened gas turbine engine installed in a helicopter	1972
19730068289	Test report on a 40-degree field of view 25mm binocular fiber optic night scope for night formation flight of army helicopters	1972
19730068292	Qualification tests of one, type MS 90365-2, nickel-cadmium aircraft battery, manufactured by Marathon Battery Company, under contract N00383-71-C-0063	1972
19730068293	Status of Mk 88 (Poseidon) digital module testing	1972
19730068294	Status of Mk 88 (Poseidon) module testing	1972
19730068295	Status of Mk 88 (Poseidon) digital module testing	1972
19730068296	Mk 88 module qualification	1972
19730068297	Mk 88 module qualification test	1972
19730068298	Chemical vapor deposition of IR materials for reconnaissance	1972
19730068299	PROBE: A digital computer program for computing Langmuir probe current-voltage characteristics	1972
19730068300	Project Offload: Avionics summary of procedures and results to 15 July 1972	1972
19730068301	Compatibility test of the BLU-23/B on credible chase aircraft	1972
19730068302	A production engineering measure for compact five-gun cathode ray tubes	1972
19730068303	The 675-LBF PBPS monopropellant engine test and evaluation	1972
19730068304	Quiet modifications, antenna transfer system (AN/BRA-24A)	1972
19730068305	Ice formation and removal aboard the Arctic surface effects vehicle	1972
19730068306	A nondestructive ultrasonic characterization of the chemically induced surface stressing of a ceramic material	1972
19730068308	Qualification status of Nation Semi for 11242096	1972
19730068309	Time-average holographic interferometer with an amplitude modulated reference beam	1972
19730068310	Ship's motion recording system	1972
19730068313	Eldo Europe 3B launch vehicle program outlined	1972
19730068314	Brief announcements: France	1972
19730068315	New Swedish air to ground missile	1972
19730068316	F-111 strobe light evaluation for birdstrike avoidance OT and E	1972
19730068317	Airborne laser beam propagation measurements of high-altitude atmospheric turbulence	1972
19730068318	Development of an electronically-tuned VHF power amplifier	1972
19730068319	Calculation of transport properties of partially ionized gases for frozen flow conditions	1972
19730068320	Production engineering measure for zinc/air primary batteries	1972
19730068321	Performance synthesis (electro optical sensors)	1972
19730068323	Production engineering measure for non-reserve disposable zinc-air battery BA-558()/U	1972
19730068326	A comparative experimental study of material interaction for repetitively pulsed and continuous wave CO2 lasers	1972
19730068327	Status of semiconductor technology in France, 1972	1972
19730068328	Integrated solid state microwave power amplifiers	1972
19730068329	III-V photocathode development	1972
19730068330	Computers, computer peripherals, and converters	1972
19730068331	EMP hardened circuits	1972
19730068332	Timation modulation study	1972
19730068333	Research on materials for high power laser windows	1972
19730068334	Joint ASD/TAC limited category 3 testing, HCU-S4/E aircraft cargo fleet	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068335	Dynamic wind tunnel tests of a bomblet and Mangus rotor configurations	1972
19730068337	Production engineering measure. Computer aided design system for linear integrated circuits	1972
19730068338	Test report on flueric logic devices	1972
19730068339	Video navigational simulator for the NRL sensor imagery simulation facility	1972
19730068340	Survey of shipboard use of communication general purpose electronic test equipment	1972
19730068341	MOESAIC system. Volume 10: The program listing of the CDC 6400 version of MOESAICS with supplementary notes	1972
19730068343	Method of test, OT and E of the F-111D/MK-11: Annex B, phase 1B	1972
19730068344	Engineering study to assess the operational readiness of hypobaric chamber 9-A7	1972
19730068345	Qualification report for transistor, NPN, silicon per dwg. 2577048	1972
19730068346	Nacelle afterbody drag investigation of a B-1 0.06-scale model at Mach numbers from 0.55 to 2.2	1972
19730068349	Atmospheric emission at high latitudes	1972
19730068350	A unified theory of axisymmetric, viscid flow	1972
19730068351	Evaluation of optical sources Shillelagh missile system, February - April 1972	1972
19730068352	Rotor blade lights test report	1972
19730068355	ARPA big light test report, volume 2	1972
19730068356	Development of an 80 watt linear broadband amplifier	1972
19730068357	Evaluation of Clear Aperture Anti-Frost (CAAF) devices at simulated flight conditions	1972
19730068358	Automatic pattern recognition. A compilation of project summaries from countries participating in NATO AC/243 (panel 3) research study group 4 on pattern recognition	1972
19730068359	Qualification status of contacts from Temco Corporation	1972
19730068361	Advanced diagnostic sensor applications technology	1972
19730068363	Heating of piezoelectric transducer ceramic	1972
19730068364	Regulator for UHF telemetry transmitter	1972
19730068365	Preliminary design of a 3-D model display	1972
19730068366	Improved optics for SIRIUS (spaceborne intensifier radiometer for imaging ultraviolet spectroscopy)	1972
19730068367	An armored energy attenuating crewman's seat for rotary and light fixed, wing aircraft	1972
19730068368	Manufacturing process for the circular fabrication of pyrolyzed plastic composites	1972
19730068370	Development and evaluation of the twead 2 flight control augmentation system	1972
19730068371	Approximate calculation method of characteristic parameters in simple fluidic logic circuits	1972
19730068372	A variable movement specimen holder for texture studies	1972
19730068373	Salyut 1 and Soyuz 2 foreshadow the astronautics of 1980	1972
19730068374	Cone (Control of Noxious Effluents) Planning Conference	1972
19730068375	Inhibition of stress-corrosion cracking	1972
19730068376	A study of vibration from different types of rolling contract bearings	1972
19730068377	Flight test of Ballistic Aerial Target System (BATS)	1972
19730068378	AWADS computer program verification	1972
19730068379	Langmuir probe theory and analysis	1972
19730068380	Design considerations for an aircraft obstacle avoidance system based on obstacle strike accident experience	1972
19730068381	Engineering design handbook. Fabric design	1972
19730068383	Qualification status of Raytheon integrated circuit	1972
19730068384	Superconducting quantum devices for use at liquid hydrogen temperatures	1972
19730068385	Thermionic converter plasma analysis	1972
19730068386	Investigation of hologram techniques	1972
19730068387	Rectangular arrays of resonant slots in thick metallic panels with finite conductivity	1972
19730068388	The Omega navigational system	1972
19730068389	French turbojet research reviewed	1972
19730068390	Ten ton SEV obstacle-crossing data related to cushion system dynamics	1972
19730068391	Investigation of aircraft spin	1972
19730068392	Experimental study of boundary layer effects on MHD generator characteristics over a wide range of Hall numbers	1972
19730068393	Lifting surface theory calculations of aerodynamic wing tail load distributions during subsonic maneuvers	1972
19730068394	Spinning disc calibration	1972
19730068395	Investigation of oil and ozone resistant coatings for natural rubber mounts	1972
19730068396	Compatibility test of the ALE-38 chaff dispenser of the F-4 aircraft (SEEK EAGLE)	1972
19730068397	Susceptibility to oxidation of coal and graphite electrodes	1972
19730068401	Small beacons and transponders for personnel	1972
19730068407	Digital equipment susceptibility	1972
19730068408	The KNISH/AMGO photon energy deposition and viscoelastic material response computer program	1972
19730068409	Exploratory analysis of elasto-hydrodynamic properties of lubricants	1972
19730068413	Qualification status of Hybrid Systems Corporation multipliers	1972
19730068414	Qualification status of national operational amplifier	1972
19730068415	Report of test on single-phase high voltage transformer, 373318 Magnetika, Incorporated	1972
19730068416	Report of test on three-phase heater transformer, 373234, Zenith Transformer Company	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068417	Report of test on single-phase heater transformer, 373350, Robert M. Hadley Company	1972
19730068418	Qualification report for junction box per drawing 423-800101	1972
19730068419	Qualification report for connector plug per drawing 423-800572	1972
19730068420	Qualification report for heaters, electrical conduction 1-2 watts	1972
19730068421	Qualification report for connector, plug, electrical, coaxial per drawing 423-800568	1972
19730068424	Mobile RAPCON station evaluation, RAF Bentwaters, England, 16-19 July 1972	1972
19730068425	Special study of procedures of accuracy evaluation of partial-solution helicopter fire control subsystems under typical conditions	1972
19730068426	Integrated thermionic circuits	1972
19730068427	Further improvements to the PROFET fallout prediction program	1972
19730068428	LORAN/OMEGA receiver study	1972
19730068429	Qualification of Chemlok 304 to requirements of specification MIL-A-24456 rubber	1972
19730068430	Preliminary integrated logistic support plan for arctic SEV program	1972
19730068431	Sensor Report Post (SRP) spectrum analyzer evaluation	1972
19730068433	Fit test of the M36E2 incendiary bomb cluster on the F-4 aircraft outboard multiple ejector rock (SEEK EAGLE)	1972
19730068434	Production reliability test report on radar receiver AN/ALR-50V	1972
19730068435	Integrated LORAN/OMEGA receiver study, volume 1	1972
19730068436	Integrated LORAN/OMEGA receiver study, volume 2	1972
19730068437	Aerospace HOL computer. Volume 1: Summary	1972
19730068438	Aerospace HOL computer. Volume 2: Direct execution tradeoffs	1972
19730068439	Aerospace HOL computers. Volume 3: Architecture and preprocessor design	1972
19730068440	Aerospace HOL computer. Volume 4: Evaluation results	1972
19730068441	Design optimization of waterjet propulsion systems for hydrofoils. Part 2: RAM intake considerations	1972
19730068442	Design optimization of waterjet propulsion systems for hydrofoils. Part 3: Pumps, gear boxes, and main power plant considerations	1972
19730068443	Design optimization of waterjet propulsion systems for hydrofoils. Part 4: Computer program description and user's manual	1972
19730068444	Characteristics and development report for SA2039 autoactivated battery	1972
19730068445	A quantum theory of optical beams in an open resonator. Volume 1: Pure states	1972
19730068446	Hardened MOS input and output circuitry, volume 1	1972
19730068447	Document control plan for Sparrow 3 AIM-7F program. Volume 1: Document control. Volume 2: Configuration management	1972
19730068449	Radioisotopic power generators of the US Navy, volume 6, number 3	1972
19730068450	Production engineering measure solid encapsulated semiconductor devices, volume 2	1972
19730068451	Benchmark programs and computational techniques for target acquisition and surveillance signal processing system applications. Volume 1: Clutter recognition and characterization	1972
19730068452	Activision optimization. Volume 1: Air base perimeter surveillance testing	1972
19730068453	Integrated circuit/message switch feasibility model development, test and evaluation. Volume 4: Common communications processor	1972
19730068454	Advanced V/STOL propeller technology. Volume 6: Small scale cyclic pitch investigation	1972
19730068455	Research on synthesis procedures for intermediates required for high temperature stable polymers	1972
19730068457	Cold pressure driver performance of the sandia arc-driven shock tube	1972
19730068458	Solid state research and application series. 6: Radiation effects in light emitting diodes and laser diodes	1972
19730068459	Preliminary extreme range laser illuminator, PERLI-2	1972
19730068460	Incremental stretch forming	1972
19730068462	Production engineering measure for beam lead tantalum thin film capacitors	1972
19730068464	Utility Tactical Transport Aircraft System (UTTAS) maneuver criteria	1972
19730068465	Switched reflector antennas	1972
19730068466	SHF airborne communication terminal	1972
19730068467	Charged particle generation in the turbulent boundary layer, silica phenolic heatshield	1972
19730068468	Advanced production engineering for lithium niobate crystals for laser Q-switch	1972
19730068469	C3 PAT lot verification test. Resistor, fixed, carbon film, precision, ceramic, .25 - .50 watts	1972
19730068472	Production engineering measure for VHF fundamental mode crystal blanks	1972
19730068473	C3 PAT lot verification test. Relay, 1 to less than 5 AMP, hermetically sealed, 1-30 VDC, sensitive, DPDT	1972
19730068480	Prototype mechanically actuated universal position switch	1972
19730068482	Theoretical studies of high-power infrared window materials	1972
19730068483	The problem of ultrasonic energy concentration	1972
19730068484	The MIG-19	1972
19730068485	Evaluation of a coordinated stress, wide range analyzer for silicon controlled rectifiers	1972
19730068487	AFL aerodynamic window 2	1972
19730068489	Capacitor, fixed, film, metallized, (plastic or paper/plastic) hermetically sealed, lead mount, MIL-general capacitors, matched sets	1972
19730068490	Capacitor, fixed, film metallized (plastic or paper/plastic), hermetically sealed, lead mount, MIL-general capacitors, matched sets	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068491	Theory of aging of coatings	1972
19730068492	Thermal analysis and modification of An/wrC-1 radio set	1972
19730068493	Cost-estimating relationship for contractor performed helicopter airframe research and development	1972
19730068495	Expanded service test of new shop/tool set concept for organizational maintenance of Army aircraft	1972
19730068496	Minuteman 3 braided cable development program P116A1 engineering evaluation test report, volume 1	1972
19730068497	High average power liquid laser technology	1972
19730068498	Manufacturing methods for rolling very high strength superalloy sheet	1972
19730068499	C-5A category 1/2 engineering flight test support area suitability test reports	1972
19730068500	Energy transfer processes in molecular collisions. Volume 1: Vibrational relaxation of HF, DF, and CO2 upon collision with HF or DF	1972
19730068501	Energy transfer processes in molecular collisions. Volume 2: Energy transfer between diatomic molecules: MDAC Computer Program F698 user's manual	1972
19730068502	Energy transfer processes in molecular collisions. Volume 3: Energy transfer between a colliding diatomic molecule and a linear XY2 molecule: MDAC Computer Program P2160 user's manual	1972
19730068503	Single Integrated Damage Analysis Capability (SIDAC): User's manual, change 1	1972
19730068504	The feasibility evaluation of an air-to-air rescue concept designated Packaged Offset Retrieval Technique (PORT-1)	1972
19730068505	Views (VAST/ima effectiveness by workload simulation) model analysis	1972
19730068506	Fast cook off testing of insulated fuel filled fiber glass tanks	1972
19730068507	Thick film utilization and analysis of NAFI Computer Aided Circuit Layout (CACL) program	1972
19730068508	US Coast Guard icebreaker WAGB 10: Evaluation of a proposed antenna system design	1972
19730068509	Evaluation of potential fan concepts and the lift fan requirements for large SEV's	1972
19730068510	Lubricants for Arctic surface effect vehicle applications	1972
19730068511	The deformation of a turbulent field by an inviscid, mean fluid motion with application to the flow around a body	1972
19730068512	Transmission of water vapor through sealants 3. Commercial block copolymers	1972
19730068513	Parts reliability program plan for Sparrow 3 AIM-7F-4 guidance and control section	1972
19730068514	Semiconductor pumps for the Nd YAG laser	1972
19730068515	A 2.75 inch illumination warhead	1972
19730068518	Offgassing rate of stainless steel panels coated with AR-7	1972
19730068520	Investigation of Trent stainless steel tubing from KSC stock	1972
19730068526	Corrosion-preventive coatings for latches used on timing terminal unit cabinets	1972
19730068534	Advanced V/STOL propeller technology. Volume 7: Large scale cyclic pitch investigation	1972
19730068535	Development of spacecraft Vuilleumier cryogenic refrigerators. Part 2: Development and fabrication	1972
19730068536	Supersonic rain erosion resistant coating materials	1972
19730068537	Project STARMET. Volume 2: Use of strain cylinders in rock stress instrumentation	1972
19730068539	Low recession nosetip (Lorn) program. Volume 3: Supporting ground tests, appendices F through I	1972
19730068540	General war antiballistic missile system model (ABM-1). Analytical manual. Volume 4-B: Missile processing algorithm subsystem	1972
19730068541	Flight evaluation of the Bendix 400 ampere dc generator and quick-attach-detachment	1972
19730068543	Design, fabrication, and performance testing of integral armored servo actuators	1972
19730068544	Full qualification lot acceptance report of diode, Zener per Bu Weps Dwg. 2841218-15 revision B	1972
19730068545	Qualification report for attenuator per drawing 423-800472	1972
19730068546	Quality conformance inspection test results per MIL-S-19500/313A for Singapore assembled transistor type 2N2432	1972
19730068547	Qualification report for semiconductor device, diode-matched pair drawing 423-800475	1972
19730068551	Low earth orbit battery development project	1972
19730068552	Production engineering measure for ion-implanted integrated circuits	1972
19730068553	Analytical photogrammetric reductions in support of Project Combat Thunder	1972
19730068554	Category 2 munitions facility and launch facility test program	1972
19730068555	Special Engineering Analysis (SEA), US Army/Air Force program number T53H005: Service Revealed Difficulties (SRD), US Navy program number T53H101	1972
19730068556	Engineering evaluation of EMP electronics P/N PS-271 and P/N PS-271-A, 250 VA, 3/1 phase, static inverters	1972
19730068557	Design studies of CFA using samarium cobalt magnets	1972
19730068558	S-2G modification program. AN/ASN-50 or -73 and Aero-1B Retro ejector installation	1972
19730068560	Initial production test of night vision sight, AN/PVS-2A	1972
19730068561	Check test of detector, batch interface, product, pipeline (BID)	1972
19730068562	Quality assurance briefs	1972
19730068566	Production engineering measure for zinc/air primary batteries	1972
19730068569	Relay, non-latching, vibration qualification	1972
19730068570	Relay, latching, vibration qualification	1972
19730068571	Qualification status of terminal boards from Dillon Beck	1972
19730068573	Index of NAVORD drawing numbers and NWL report numbers for pointing and firing zone data for shipboard gun mounts and TARTAR, TERRIER, TALOS, ASROC and BPDSMS missile systems	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068574	Production engineering measure for design and manufacture of plastic optics for goggles	1972
19730068575	CV-3034/G analog-digital converter	1972
19730068576	Inspection of five early-manufacture SUBROC rocket motors	1972
19730068577	Results of the Secede 2 short-pulse radar experiment	1972
19730068580	Reliable Advanced Solid-State Radar (RASSR)	1972
19730068581	Evaluation of 30 KVA Bendiz 28B135-106 ac generator for the F-8 aircraft	1972
19730068582	Reliability and redundancy study for electronic flight control systems	1972
19730068583	Perforated metallic shells for radome applications	1972
19730068584	Solar Collector Thermal Power System (SCTPS)	1972
19730068585	ECL integrated digital circuits analyzed	1972
19730068586	Qualification test report for part no. 423-800482	1972
19730068587	Qualification test plan and test report for General Dynamics part no. 423-800476	1972
19730068591	Computer applications time-sharing utilization procedures	1972
19730068592	AFAR special report on responsive deployment	1972
19730068593	High voltage fuse	1972
19730068594	Category 2 evaluation of the C-5A instrument subsystem	1972
19730068595	Accelerated service test of the T400-CP-400 twin engine pack installed in the AH-1J attack helicopter	1972
19730068599	Mechanical properties of custom 455 steel (AMS 5617)	1972
19730068601	Three methods of cooling the rotors of aircraft engine turbines	1972
19730068603	Helicopter/VSTOL compatibility program: DE-1052/H-2D dynamic interface flight envelope	1972
19730068604	Qualification of Bendix Corporation solid state dc voltage regulator	1972
19730068605	Evaluation of the J52-P-408 engine in the A-4F airplane	1972
19730068606	Service life of Mk17 rocket motor AIM-9B/E/J missiles	1972
19730068607	General remarks on photographic receptors	1972
19730068609	Moisture resistance test, capacitor, fixed, film, metalized, nonmetallic case, lead mount	1972
19730068610	An investigation of power-on base drag and plume-induced aerodynamic effects and effects of nozzle geometry in a transonic wind tunnel	1972
19730068611	Growth and properties of epitaxial films of ferroelectric bismuth titanate	1972
19730068612	Production engineering measure for zinc anodes	1972
19730068614	Project Offload: Nonavionic summary of procedures and results for validation of equipment quantity requirements for GSE aboard CAMSI ship, volume 2	1972
19730068615	Modification of radio receiver R-1051/URR to provide an external IF output	1972
19730068616	Removable media read only memory	1972
19730068617	Advanced radar flight test analysis. Motion compensation for FLAMR mapping. Atmospheric effects in FLAMR ground target location	1972
19730068618	Aging and surveillance testing of a Minuteman LGM-30F stage 2 rocket motor at simulated pressure altitude motor S/N AA20018, designation OP-13	1972
19730068619	Development of high reliability, RF keyed, high duty factor, crossed field amplifier (dematron)	1972
19730068622	Use of the Delphi method for the comparison of system concept possibilities (U)	1972
19730068623	Conduct an operational appraisal of the AN/SQS-26 sonar system (U)	1972
19730068625	The validity of forecasts of ballistic wind and density for fleet ballistic missile systems, 1971-72 spring, fall, and winter case studies: Eurasia and eastern test range (U)	1972
19730068626	Military potential test of night vision goggles, AN/PVS-5 (U)	1972
19730068627	Modification of propellant binders (U)	1972
19730068630	Confidential NELC technical briefs (U)	1972
19730068632	Predictions of the intensity of scattered 1.06 micron laser energy (U)	1972
19730068633	Direct ranging LORAN. Volume 2: Flight test data (U)	1972
19730068634	Direct ranging LORAN. Volume 1: Flight test (U)	1972
19730068635	Service life listing and surveillance status of propulsion devices and auxiliary power systems, revision 1, change 1 (U)	1972
19730068636	Refractive effects produced by a striated medium (U)	1972
19730068637	The characterization of the pressure exponent of ANP-3360 in the 15-pound Bates motor (U)	1972
19730068638	Preliminary error study of a radar-reflector navigation/bombing system (U)	1972
19730068640	A broadband interference blanking system (U)	1972
19730068641	Thermally unstable polymers (U)	1972
19730068642	Atlantic Undersea Test and Evaluation Center range manual (U)	1972
19730068643	GBU-1/B aircraft guided bomb system engineering development program (U)	1972
19730068644	A simplified imbedded flow approach to aerodynamics of high speed wing body fin configurations (U)	1972
19730068645	Military research and development on high energy materials: Explosives and detonation (U)	1972
19730068646	Exploratory development of hypervelocity propulsion (U)	1972
19730068647	Radar techniques program (U)	1972
19730068648	An intermodulation radar study (U)	1972
19730068653	Theoretical response of a vertical array to low frequency sound from a distant source (U)	1972
19730068655	AIM-9E captive flight test (U)	1972
19730068664	Wake detection system (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068665	Project Secede final program review. Volume 1: Summary report (U)	1972
19730068666	Project Secede final program review. Volume 2: Technical report (U)	1972
19730068667	Project Secede final program review. Volume 3: Secede abstracts (U)	1972
19730068670	Tactical flag command center study. Volume 2: Requirements (U)	1972
19730068671	Tactical flag command center study. Volume 3: Related systems (U)	1972
19730068672	Tactical flag command center study. Volume 4: Activities and analysis of operations (U)	1972
19730068673	Wake detection system (U)	1972
19730068675	Mk 88 module qualification test	1972
19730068676	Transport, deposition, and meteorological studies of nuclear debris in the atmosphere	1972
19730068677	Mk 88 Poseidon module qualification test	1972
19730068678	Schematic cross sectional view of the MRCA engine	1972
19730068680	Research on compressible unsteady potential aerodynamic flow around lifting bodies having arbitrary shapes and motion	1972
19730068682	Metallurgical evaluation of wire reinforced refractory composites for space shuttle reuse	1972
19730068683	A theoretical and experimental investigation of the quantum mechanical effects on communication systems	1972
19730068684	Technology application team program	1972
19730068685	Structural studies on carbon materials for aerospace refractory applications	1972
19730068701	Test evaluation of overwrapped pressure vessels	1972
19730068705	Summary of discussions and actions of Twenty-fifth Meeting of the Aeronautics and Space Engineering Board	1972
19730068707	Hydrazine gas generator program	1972
19730068711	Research in unsteady and nonequilibrium supersonic gas dynamics	1972
19730068717	Meteorite photography and recovery network	1972
19730068720	A study of the diffusional behavior of a two-phase metal matrix composite exposed to a high temperature environment	1972
19730068722	Steady state interaction between radiation and matter in stellar atmospheres	1972
19730068723	Theoretical investigation of the constitution of the moon and the planets	1972
19730068727	Experiments in hypersonic turbulent boundary layers	1972
19730068734	Fabrication and life testing of thermionic converters	1972
19730068739	Amendment number 1 to the institutional environmental impact statement	1972
19730068740	Gravimetry in the western Mediterranean	1972
19730068741	The substitute sphere in geodetic computations	1972
19730068742	Covariances, power spectra, and predictions in the local gravity field	1972
19730068743	Search for radioprotective compounds. Part 12: Synthesis and protective activity of certain S-Omega-aminohydroxyalkyl dilithium phosphorothioates and thiosulfuric acids	1972
19730068744	ELKA 65-21 electronic calculator	1972
19730068746	Qualification test report on: Resistor network 2712724, resistor network 2712725	1972
19730068747	Method for producing computer generated holograms	1972
19730068748	One dimensional shock waves in elastic non-conductors	1972
19730068749	Fused silica design manual	1972
19730068750	Scattering of electromagnetic radiation by apertures. 4: Slotted cylinders and cylindrical strips in the Rayleigh limit	1972
19730068751	Production engineering measure for 18 mm microchannel wafer image intensifier tube	1972
19730068752	Operation and maintenance of the wideband exciter and processor at the ONR Whitehouse Experimental Facility	1972
19730068753	Adaptation of the convex draw die to the production of aircraft engine rings	1972
19730068758	Power extraction tests of a Pratt and Whitney Aircraft TF30-p-408 turbofan engine	1972
19730068759	Instrumentation data reduction from first stage Minuteman STV	1972
19730068760	Technical evaluation of TACAN test set model 7006-0001	1972
19730068768	Report of test on capacitor, fixed high voltage, 373332, Tobe Deutschmann Laboratories	1972
19730068774	Status of digital module testing	1972
19730068775	Evaluation of the FINRAE (Ferranti inertial navigation rapid alignment equipment)	1972
19730068776	SY116-B photochromic flashblindness protection equipment status report	1972
19730068777	SY116-B photochromic flashblindness protection system evaluation	1972
19730068778	Production engineering measure for beam lead tantalum thin film capacitors	1972
19730068779	Potential transformer, GE P/N CAT 685X41, used in the 60 Hertz power system	1972
19730068781	A study of instrumentation canister problems for the middle gust test series	1972
19730068782	Studies of improved output transducers, phase 1	1972
19730068783	Aerodynamic configuration and component definition study. CEI/subsystem design analysis reports. Volume 4: Guidance and control	1972
19730068784	Aerodynamic configuration and component definition study. CEI/subsystem design analysis reports. Volume 5: Propulsion definition	1972
19730068785	Hardness program-EMP. EMP-RFI protection MSR for SAFEGUARD TSE ground facilities. Volume 1: Description Grand Forks Site	1972
19730068786	KY-532A and KY-533A MK 12 compatibility program phase 2	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068787	Thermooxidation studies of the quinoxaline system and certain benzimidazole copolymer systems. Part 1: Initial studies on the mechanism of thermooxidation of the quinoxaline system. Part 2: Synthesis and evaluation of thermooxidative properties of a series of benzimidazole copolymers	1972
19730068788	Advanced composite engine development program, part 3	1972
19730068790	Project STARMET. Volume 1: Ground motion data	1972
19730068791	Carrier Aircraft Support Study (CASS). Volume 5: RFI weapons handling on flight deck. Part 2: Aircraft reconfiguration and arming of loaded weapons	1972
19730068792	Carrier Aircraft Support Study (CASS). Volume 9: CVA deck cycle performance. Part 2: Flight deck refueling	1972
19730068793	F-111D category 2 performance tests, volume 1	1972
19730068794	F-111D category 2 performance tests, volume 2	1972
19730068796	Experimental infrared stress analysis techniques	1972
19730068798	A review of methods of measuring aerodynamic forces and moments acting on captive stores in wind tunnel tests	1972
19730068800	Use of microelectrodes for study of stress corrosion of aluminum alloys	1972
19730068802	Image intensifier recognition experiment	1972
19730068803	TOW weapon system XM-70 training set check test for the TOW blast simulator diaphragm	1972
19730068804	Slurry flight prototypes	1972
19730068805	Category 2 test and evaluation of the 407L tactical air control system AN/TGC-26 communications central	1972
19730068806	Annual report 1972	1972
19730068807	Dorsett STR-502A UHF FM telemetry transmitter spectrum utilization characteristics	1972
19730068808	Structural analysis of the Mark 7 jet blast deflector operating mechanism for the CVAN 68	1972
19730068809	FORTRAN Users DUMPIF-Generated Exit (FUDGE) - Series 6000 debug software package	1972
19730068812	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors	1972
19730068813	Design of solid propellant grain isolation systems	1972
19730068814	Airworthiness and flight characteristics test CH-47C helicopter (chinook) stability and control	1972
19730068815	The fuze control circuit	1972
19730068816	C3 lot verification test. Semiconductors, transistors, general purpose, silicon, p-n-p, planar, metal can	1972
19730068819	Printed circuit connectors	1972
19730068829	Laser damage of optical elements	1972
19730068830	Fluid dynamics of two and three dimensional plumes	1972
19730068831	Advanced production engineering for lithium Niobate crystals for laser Q-switch	1972
19730068832	Paint remover for aged epoxy-polyamide-polyurethane paint system on naval aircraft	1972
19730068835	Description of telemetric modular commutator design	1972
19730068837	Structural test plan. Service life extension program catapult condition model A-4E/F aircraft	1972
19730068838	Production engineering measure for solid-state microwave acoustic delay lines	1972
19730068839	Radiometer guidance signals by antenna position sampling	1972
19730068840	Evaluation of Gould-National Battery Company type ODX-77 SARGO 2 submarine maine storage battery cells by the service life test	1972
19730068841	Production engineering measure, high power xenon lamps	1972
19730068842	AIM-7F-4 SPARROW 3 missiles	1972
19730068843	Production engineering measure, computer aided design system for integrated circuits	1972
19730068844	Helicopter anti glare experiment	1972
19730068845	Fabrication and performance of two 112-element, 8- to 14-micrometer HgCdTe photoconductive detector arrays (U)	1972
19730068846	An investigation of the enhancement of image photometric properties (U)	1972
19730068848	Receiver design and evaluation by computer simulation (U)	1972
19730068849	Aircraft structural fatigue life program (U)	1972
19730068854	AN/SSQ-62 (XN-3) dicass sonobuoy (U)	1972
19730068855	Military potential test, laser guided missile systems (LAGUMS). Volume 3: Data package (U)	1972
19730068856	Military potential test, laser guided missile systems (LAGUMS) volume 2 (U)	1972
19730068857	Military potential test, laser guided missile systems (LAGUMS). Volume 1: Executive summary (U)	1972
19730068858	Multispectral laser reconnaissance techniques (U)	1972
19730068868	SHAREM 8 (AA) exercise report, volume 1 (U)	1972
19730068869	SHAREM 8 (AA) exercise report, volume 2 (U)	1972
19730068871	Airborne magnetometer test report, volume 2 (U)	1972
19730068872	Performance evaluation of experimental solid ramjet fuels (U)	1972
19730068879	A one microsecond pulse frequency analyzer for electronic countermeasures (U)	1972
19730068880	CAPAR 2 AMTI and monopulse radar techniques investigation (U)	1972
19730068881	Sonar Test and Monitoring Subsystem (STMS) of the sonar set AN/SQS-26 MOD (U)	1972
19730068884	PAVE PENNY (U)	1972
19730068885	Statistical analysis of aerosol scattering data (U)	1972
19730068888	Variance resistance detector model 1-A and model 1-B (U)	1972
19730068889	CIF5 attitude control engine (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068890	FIXWEX ALFA-73 (U)	1972
19730068891	Design and development of QKW 1657 traveling-wave tube (U)	1972
19730068900	Low hazard hybrid fuel development program (U)	1972
19730068905	Automatic steerable antenna null combiner unit (U)	1972
19730068906	Heats of formation of propellant compounds (U)	1972
19730068907	Automatic targeting techniques (U)	1972
19730068910	ADLAT 6. Development and simulation of techniques for automatic terrain following/terrain avoidance (U)	1972
19730068911	Hydrodynamic effects (U)	1972
19730068914	General surveillance of the Mark 37 Mod O ASRDC motor (reworked grain) (U)	1972
19730068915	Analysis of coupled ablation-erosion effects (U)	1972
19730068916	NELC technical briefs (U)	1972
19730068918	Guidance Laser Locator Designator (GLLD) (U)	1972
19730068919	Development flight test Gimballed Electrically suspended Aircraft Navigation System (GEANS) (U)	1972
19730068921	Research and Development Acceptance Test (RDAT) 1 of advanced aerial fire support system AH-56A, volume 1 (U)	1972
19730068922	Research and Development Acceptance Test (RDAT) 1 of advanced aerial fire support system AH-56A, volume 3 (U)	1972
19730068924	Investigation of the effects of flight path deviations on digital change detection (U)	1972
19730068925	Area interceptor liquid technology (U)	1972
19730068929	Conceptual tests pertaining to polarization diversity applications in swimmer defense radar (U)	1972
19730068945	Sea control ship integrated logistic support plan seventeen aircraft complement SCS-ILSP-17 conceptual phase (U)	1972
19730068952	Survey of the possibilities of reducing the vulnerability of military vehicles to remote sensing systems (U)	1972
19730068953	Airborne side-looking radar set, AN/UPD-3 (XE-1) (U)	1972
19730068955	The tactical applications of television for Navy use (U)	1972
19730068956	EDE evaluation of RCA's advanced development models of C and E/F-band expendable jammers (U)	1972
19730068988	Extended bandwidth sweep lock jammer (U)	1972
19730068990	IRCM against next generation missiles (U)	1972
19730069003	Advanced Radar Processing System (ARPS). Volume 1: Summary document (U)	1972
19730069007	Sorting of Interpulse Modulated Signals (SIMS) (U)	1972
19730069009	F-4E block 48 aircraft, RIVET HASTE, phase 2 (U)	1972
19730069011	Results of AWAAM avionics system study (U)	1972
19730069015	Balloon and aircraft platform surveillance system cost and performance analysis (U)	1972
19730069018	Sled test of AIM-9J guidance and control unit (U)	1972
19730069024	Navy airborne tactical ESM system study, volume 1 (U)	1972
19730069025	Navy airborne tactical ESM system study, volume 2 (U)	1972
19730069038	Nuclear effects on solid propellant rocket plumes (U)	1972
19730069042	Improved B-52 penetration aids (U)	1972
19730069043	Semiannual report of the Ballistic Missile Radiation Analysis Center, 1 November 1971 - 30 April 1972 (U)	1972
19730069049	High energy pulsed laser (U)	1972
19730069050	High energy pulsed laser (U)	1972
19730069051	The definition, development, and application of advanced ground sensors and related material (U)	1972
19730069052	OTH radar performance estimation (U)	1972
19730069078	Effectiveness of expendable noise jammers against the SA-N-1 system and acquisition radars (U)	1972
19730069113	LASL rover program quarterly progress report for the period ending 31 August 1972 (U)	1972
19730069114	Development of carbide-carbon composite fuel elements for rover reactors (U)	1972
19730069115	Vacuum-jacketed ducting technology investigation	1972
19730069118	Overall project management plan for SUMCMP: LSI computer systems	1972
19730069119	Evaluation of metal bellows technology for space shuttle reaction control system application, Bell model no. 8689	1972
19730069121	Part A: Design and construction of a wide angle diffuse source with forty-six centimeter (18 inches) aperture. Part B: Design and construction of a wide angle (blue) diffuse source	1972
19730069122	Dynamical and photometric investigation of cometary type 2 tails	1972
19730069123	Photographic summary. DLRV design definition study	1972
19730069140	Pattern recognition and information processing in parallel-organized networks	1972
19730069149	To establish and operate a planetary patrol program	1972
19730069164	Launch vehicle test and checkout plan. Volume 2: Saturn 1B launch vehicle AS-207 flow plan and listings	1972
19730069165	STDN station readiness test for the Interplanetary Monitoring Platform (IMP) missions	1972
19730069167	A laser atmospheric pollution study	1972
19730069169	Advanced theoretical and experimental studies in automatic control and information systems	1972
19730069170	Quarterly report	1972
19730069181	Ionospheric research	1972
19730069183	Delta 91 ITOS-D/NOAA-11 flash flight analysis report	1972
19730069184	Skylab requirements document. Part 9: Technical support staff	1972
19730069185	Delta-92Telesat-A flash flight report	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730069186	High resolution infrared radiation sounder for the Nimbus F spacecraft	1972
19730069190	Project plan for radio frequency interference and propagation program (RIPP)	1972
19730069191	Lamination residual stresses in fiber composites	1972
19730069201	Biomedical investigation of peripheral blood flow as a thermoregulatory function	1972
19730069204	Investigation of bubbles in arterial heat pipes	1972
19730069205	Cost effective methods for the manufacture of spacecraft heat pipes	1972
19730069207	High performance ambient heat pipes	1972
19730069209	Research and advanced development	1972
19730069215	Flame retardant polyphosphazenes	1972
19730069225	An organic fiber/epoxy filament wound vessel for cryogenic propellants	1972
19730069236	Hydrodynamics and hydraulic engineering research	1972
19730069237	Heat processes in the elongation of metals	1972
19730069238	Variation in electrical parameters of poled lead zirconate titanate cylinders	1972
19730069239	Production engineering measure for high voltage aluminum high-reliability electrolytic capacitors	1972
19730069240	Compatibility and weld cracking susceptibility of HY-130 steel joined to structural steels and nonferrous overlays	1972
19730069241	Separation characteristics of six stores from the A-70 aircraft at Mach numbers from 0.325 to 0.814	1972
19730069243	Application of distribution analysis to the comparative evaluation of the rheological properties of polyimide (tire) cords	1972
19730069244	A preliminary investigation of surface contact devices and their application to the maneuvering and control of an arctic surface effect vehicle	1972
19730069247	C3 PAT Lot verification test. Capacitor, fixed, glass, hermetically sealed, lead mount, contractor hi rel	1972
19730069248	C3 PAT Lot verification test. Capacitor, fixed, film, metallized, hermetically sealed, lead mount, contractor hi rel	1972
19730069249	C3 PAT Lot verification test. Capacitor, film, metalized, non metallic case, lead mount, contractor Hi Rel	1972
19730069251	Design verification tests of the A-6 ram air turbine	1972
19730069252	Qualification test report on capacitors 2735356	1972
19730069255	Technical evaluation of a roll limit modification for tacan antenna groups OA-1801/SRN-6 and OA-7203/URN-20	1972
19730069256	Simultaneous operational and microbial evaluation of electrical components	1972
19730069257	Analysis of pursuit guidance systems using aerodynamically stabilized seekers	1972
19730069258	Indicator coupler, CU-1990/APQ-122(V) humidity test	1972
19730069259	Calibration of HDL 5-element absorption gamma ray spectrometer	1972
19730069260	Concealed weapon detector	1972
19730069261	Single-station location techniques	1972
19730069262	Expansion-deflection nozzle	1972
19730069263	Scanning electron microscopy: Capabilities and results with the friction-wear device of Wintershall/Baist	1972
19730069267	Low noise C-band transistor gain module	1972
19730069269	General quality control requirements for suppliers	1972
19730069271	Possibilities and present limits for the geodetic application of long-baseline radio astronomical interference measurements	1972
19730069272	Application of solid state physics to information display systems	1972
19730069273	Gazelle helicopter sets three world speed records	1972
19730069274	Synthesis criteria for an adaptive threshold device for a radar data video extractor	1972
19730069281	Weldability of Inconel 625	1972
19730069282	Special Engineering Analysis (SEA). US Army/Air Force program no. T53 H005. Servc Revealed Difficulties (SRD) US Navy Program no. T53 H101	1972
19730069284	Limited performance and flying qualities evaluation of the F-4E with the retrofit two-position maneuvering slat kit	1972
19730069285	Evaluation of lubricating additives in polyvinyl chloride	1972
19730069289	DOD STS operational concepts definition study	1972
19730069290	Status of digital module testing	1972
19730069291	Status of phase 3D Mk 88 (Poseidon) fire control module testing	1972
19730069295	Orbit-to-orbit shuttle engine design study	1972
19730069296	Pulse address multiple access convolutional encoder Viterbi decoder	1972
19730069297	Copper overlay cracking related to filler metal composition	1972
19730069298	Plume interference assessment and mitigation	1972
19730069303	Status of Mk 88 (Poseidon) module testing	1972
19730069304	Status of Mk 88 (Poseidon) module testing	1972
19730069305	Minuteman 3 reentry systems block 4 - mod 5 - B2. Improved shroud system qualification test	1972
19730069306	Production engineering measure. Solid encapsulated semiconductor devices	1972
19730069307	ICBM overttest technology. Task 1: Failure mode selection	1972
19730069308	Static-test firing of second-stage wing 6 Minuteman motor 52PQA6-57	1972
19730069309	Low-cost stand-off missile propulsion demonstration	1972
19730069310	Color cathode ray instruments enhance display systems	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730069311	Computer service organization described	1972
19730069312	Landing gear and other equipment at Paris air show	1972
19730069313	TsAGI: A center of aviation science	1972
19730069314	Category 2 icing test of the HH-53C helicopter (addendum)	1972
19730069315	The influence of specimen geometry on crack tip plasticity	1972
19730069319	Preliminary concepts for computer aided function-allocation evaluation system (CAFES), volume 1	1972
19730069320	Preliminary concepts for computer aided function-allocation evaluation system (CAFES), volume 2	1972
19730069321	Aerodynamic configuration and component definition study. Engineering data (category A): Design evaluation drawing	1972
19730069322	Aerodynamic configuration and component definition study. CEI/subsystem design analysis reports. Volume 3: Aerodynamic analysis	1972
19730069323	Aerodynamic configuration and component definition study. CEI/subsystem design analysis reports. Volume 6: Reliability and maintainability	1972
19730069324	Production engineering measure. Solid encapsulated semiconductor devices, volume 1	1972
19730069325	Evaluation of direct ranging Loran filter mechanization. Volume 2: Post-flight studies	1972
19730069326	Dynamic response of composite materials. Volume 2: Appendixes A through E	1972
19730069327	C-5A flight flutter tests, revision E	1972
19730069328	Production engineering measure S-band 10-20 watt transistor	1972
19730069329	Project offload: Nonavionic summary of procedures and results for validation of equipment quantity requirements for GSE aboard the camsi ship, volume 1	1972
19730069333	Mk 88 module qualification test	1972
19730069334	Mk 88 module qualification test	1972
19730069335	Model F-4J airplane fuel venting problem	1972
19730069336	Spatial activities in France	1972
19730069340	An investigation of the aerodynamic effects of a close coupled canard on a 0.10 scale F-4B aircraft model at subsonic speeds	1972
19730069341	Methodology study of aircraft and aircraft component service test flight profiles	1972
19730069342	Test and evaluation of the Naval Air Engineering Center spline wear measurement gage set	1972
19730069343	Review of principles for assurance of structural integrity	1972
19730069347	Drag, performance characteristics, and pressure distributions of several rigid aerodynamic decelerators at Mach numbers from 0.2 to 5	1972
19730069348	Aging and surveillance testing of a Minuteman LGM-30B stage 3 motor at simulated pressure altitude (motor S/N 0032058)	1972
19730069350	Reconnaissance window study	1972
19730069351	Multimode flight control definition study	1972
19730069352	Coatings for infrared signature control of helicopters	1972
19730069353	Integrated low noise broadband microwave amplifier (4-8 GHz)	1972
19730069357	On array logic and phase shifter driver	1972
19730069358	C3 PAT lot verification test. Microelectronic circuits, amplifier, diffused and deposited elements, flat pack	1972
19730069359	Structural and environmental test report for the NATO sea sparrow folding wing programs	1972
19730069360	High average power room temperature large optical Capacity (LOC) lasers	1972
19730069361	Air blast loading tests on a Spartan missile assembly in the NWL conical shock tube	1972
19730069362	Metallurgical investigations of thick plate HY-180 steel	1972
19730069363	DOD and civilian systems affected by solar activity emission: Solrad applications study, task 1	1972
19730069364	Production engineering measure for a high power, fast switching silicon controlled rectifier	1972
19730069365	Development and evaluation of the raystan outdoor fatigue tester	1972
19730069366	An evaluation of some features of an air traffic control radar system in a mountainous environment	1972
19730069367	Low-noise C-band transistor gain module	1972
19730069368	Standardization of analog and digital multimeters	1972
19730069369	Electromagnetic compatibility (EMC) evaluation of the CH-53A helicopter retrofitted with the AN/ASQ-105 Self-Contained Navigation System (SCNS) and the AN/APQ-154 Manual Terrain Avoidance Radar (MTAR)	1972
19730069370	Manufacturing process for circular fabrication of composites	1972
19730069371	Quality assurance brief	1972
19730069372	Quality assurance brief	1972
19730069373	Quality assurance brief	1972
19730069374	AN/PSW-1 (XN-1) drone control set and AN/DKW-1 (XN-1) transponder set. Navy preliminary evaluation	1972
19730069375	Evaluation materials applicable to aerospace systems	1972
19730069376	Reliability test plan and procedures for C-4453/APQ-100 and C-6410/APQ-109 indicator control units	1972
19730069377	Exploratory and advanced development programs	1972
19730069380	Electronic message display units	1972
19730069381	Polar Fox 2: Experimental phase spring data	1972
19730069382	Flight test firing of Minuteman 3 second-stage motor AA20945 (STM-7W)	1972
19730069383	SAMECS structural analysis system: User's document	1972
19730069384	Mean free air gravity anomalies map in 5 deg by 5 deg quadrangles	1972
19730069386	Demonstration of ambient temperature cure	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730069387	Spectral data frequency tracker	1972
19730069388	Variable area T-burner investigation	1972
19730069390	C3 PAT Lot verification test. Capacitors, fixed, electrolytic, tantalum, wet, HS, lead mount, contractor hi-rel	1972
19730069393	Primary-secondary hybrid battery	1972
19730069394	LSI vulnerability study	1972
19730069395	Handbook for electronic systems of Marine Corps airborne radio relay	1972
19730069396	C3 lot verification test. Semiconductor, diode, fast swiching, silicon, diffused glass	1972
19730069397	C3 lot verification test. Semiconductor, diode, rectifier, silicon, diffused, glass	1972
19730069400	C3 lot verification test. Semiconductor, diode, fast switching, silicon, diffused glass	1972
19730069401	C3 PAT lot verification test. Resistors, fixed, wirewound, precision, molded or dipped, 1 - 2 watts	1972
19730069402	A theoretical analysis of resonance tube	1972
19730069403	Development of high reliability, RF keyed, high duty factor, crossed field amplifier (dematron)	1972
19730069405	Electrical evaluation of the AN/TPX-28D IFF interrogator set	1972
19730069407	Application of surface wave acoustics to large tw product, wide band dispersive filter design: A feasibility study	1972
19730069408	Investigation and evaluation of nonflammable, fire-retardant materials	1972
19730069409	VISDET-2 model description manual	1972
19730069410	Production engineering measure for development of production capability for reliable high voltage energy storage capcitors	1972
19730069411	Illuminator operator helmet	1972
19730069412	ADP oriented modular panel display (solid state)	1972
19730069413	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors	1972
19730069414	Aerospace vehicle EMI transient test techniques	1972
19730069415	Thermomechanical working of electroslog melted M-50 bearing steel	1972
19730069416	Fabrication and testing of the model VTX-6384 traveling wave tube	1972
19730069417	Reliability test of electronics module of meteorological measuring set AN/TMQ-22 (XE-4)	1972
19730069420	Evaluation of nickel-cadmium batteries with non-cellulosic separators	1972
19730069423	Qualification status of R. F. filter from Microwave Associates	1972
19730069426	Analytical study of particulate contaminants in aviation jet fuels	1972
19730069427	C3 lot verification test. Semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19730069429	G3 lot verification test. Semiconductor, diode, rectifier, silicon, diffused, plastic	1972
19730069430	C3 PAT lot verification test. Semiconductor, diode, fast switching, silicon, diffused, glass	1972
19730069432	A production engineering measure for two L-band solid-state microwave frequency sources	1972
19730069433	A-6 program revision system	1972
19730069434	GaAs on beryllia substrates for application to microwave generation	1972
19730069436	NS-17A centrifuge test analysis and estimation techniques	1972
19730069437	Prediction of human related field failures in electronic equipment	1972
19730069438	Production engineering measure for improved reliability of mica transmitter capacitors	1972
19730069439	Automatic triple interferometer direction of arrival calculation techniques	1972
19730069440	Effects of procurement practices on solid state device reliability	1972
19730069441	Determination of the acoustic propagation properties of various underwater sound absorbing materials by acoustic impedance measurement	1972
19730069443	Production engineering measure for field effect, metal-oxide semiconductor, cascade, 100 MHz	1972
19730069444	Decelerator design guidance A-size sonobuoys	1972
19730069445	Investigation of a failed A-4 tailpipe adapter assembly	1972
19730069446	Failure analysis of TF30-P6 turbine air sealing ring	1972
19730069447	Metallurgical investigation of a crack in a V band clamp from an A-4M aircraft	1972
19730069448	Abrasion resistance of elastomeric polyurethane radome coatings	1972
19730069449	Static test firing of Minuteman third stage operational motor S/N 0032992 LGM-30 operational shelf/service life	1972
19730069450	Static test firing of Minuteman third stage operational motor S/N 0032978 LGM-30 operational shelf/service life	1972
19730069451	Optical properties and laser performance of antilaser goggles (SDR)	1972
19730069452	RF energy metallization damage in transistors	1972
19730069453	Design study for a 2000 pound class cluster weapon	1972
19730069454	Corrosion fatigue tests of aluminum alloys for surface effect ship hulls	1972
19730069455	Technical evaluation of AS-2822/SRN-15 135 Hz antenna modification	1972
19730069458	Preliminary geometric and convergence analysis of beacon guidance/navigation	1972
19730069459	Solar Collector Thermal Power System (SCTPS)	1972
19730069460	Manufacturing methods for production of hollow ball bearing for use in gas turbine engines	1972
19730069461	TF34-GE-2 engine components qualification. Main fuel control simulated operational test: power lever tribar box	1972
19730069462	Applications of discrete devices to panel displays	1972
19730069463	Test and evaluation plan for the Mark 14 recovery system and the Mark 7 automatic control system	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730069464	Low cost, ordnance quality expendable turbine engine design	1972
19730069467	Fusion silicide coatings for tantalum alloys	1972
19730069468	Scout S-166C	1972
19730069469	Static test firing 1.4KS785 pitch rocket motor PN 27-03096-1 Atlas launch vehicle	1972
19730069470	Standardization of 1-inch meters mounted by threaded barrels	1972
19730069472	C3 PAT lot verification test. Capacitor, fixed, electrolytic, tantalum, wet, H. S., lead mount, contractor hi-rel	1972
19730069473	C3 PAT lot verification test. Capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1972
19730069475	A summary of aerodynamics studies of proposed fuze ogive configurations for the 60-mm Multi-Option Fuze for Mortars (MOFM)	1972
19730069476	Comparative analysis of the use of dynamic and static shift registers in digital signal processors	1972
19730069477	Production engineering measure for an integrated circuit power amplifier 600-1000 MHz, for tactical radio equipment	1972
19730069478	Manufacturing methods for ion-implanted MOSFET devices and circuits	1972
19730069479	CV-3034/G analog-digital converter	1972
19730069481	Satellite hole experiment	1972
19730069482	DCS remote terminal interactive simulation study	1972
19730069483	Aerospace research	1972
19730069484	Effect of certain characteristic parameters on ejector performance	1972
19730069485	Airborne Engine Condition Analysis Instrumentation (AECAI)	1972
19730069486	Determination of 2, 6-Di-tert-Butyl-Para Cresol (DBPC) in turbine oils	1972
19730069487	AMD Balzac 5, French V/STOL development	1972
19730069488	Construction of nyquist diagrams and conformal transformation with computers	1972
19730069489	Prime standard, lighting reference P/N 18903620000	1972
19730069490	Edge-on diode experimental multiplexer	1972
19730069492	Production engineering measure for electronic quality assurance test equipment, automatic (EQUATE)	1972
19730069493	Development of ambient pressure biased trim curve for the J57-P-420 engine installed in F-8H/J airplanes	1972
19730069495	Status of digital module testing	1972
19730069496	Simplified multimode airborne radar techniques study	1972
19730069497	Test set, altimeter switching unit P/N 189 02880000	1972
19730069498	Test set, electronic subassembly P/N 18902810000	1972
19730069499	Fixture, motor test P/N 18902860000	1972
19730069500	Production Engineering Measure (PEM) for hybrid quartz filters 10 MHz to 30 MHz	1972
19730069501	Status of Mk 88(Poseidon) fire control module testing	1972
19730069502	Status of Mk 88 (Poseidon) module testing	1972
19730069504	C3 PAT Lot verification test. Resistor, fixed, tin oxide NOC, molded or dipped, .125 - .25 watts	1972
19730069505	C3 PAT Lot verification test. Semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19730069506	C4 Lot verification test. Semiconductor, transistor, general purpose, silicon NPN, planar, metal can	1972
19730069507	Theoretical Meinel band research	1972
19730069508	Investigation of broadband radial discone and biconical antenna designs in the VHF range	1972
19730069509	C3 PAT Lot verification test. Semiconductor, transistor, field effect, silicon, N-channel, planar, metal can	1972
19730069510	Evaluation of laser window materials	1972
19730069511	Observational data for the satellite observables program. 1: Photometry of the STO 71-2 spacecraft	1972
19730069515	Eleven KW peak-power solid-state I-band amplifier	1972
19730069517	Qualification status of amphenol. Connector, electrical, plug only, RF angle	1972
19730069518	An experimental study of certain neutral cosmic ray interactions	1972
19730069519	Evaluation of versatile Avionics Shop Test (VAST) AN/USM-247 (V)	1972
19730069520	Second surveillance of Navy held MK 51 Mod 0 under seat rocket motor	1972
19730069521	Qualification status of connectors	1972
19730069524	Advanced propulsion technology assessment for an externally blown flap transport	1972
19730069525	Vortex-sheeding phenomena application to fluid speed sensing	1972
19730069526	Sea level high and low temperature starting test IF-33-P-3 engine, S/N 643105	1972
19730069527	Folded path surface wave delay line	1972
19730069528	Azimuthal and time variations of HF noise	1972
19730069529	High power infrared laser window (LQ-10 program)	1972
19730069530	Reevaluation of G-250 integral fuel tank channel sealant for the model F-14A aircraft	1972
19730069531	Modified Bridgman technique growth of cadmium telluride for high power infrared laser windows	1972
19730069532	Project briefs (completed projects supplement 11)	1972
19730069533	Diffusion bonded titanium alloy hollow fan disk	1972
19730069534	Gyrocompass support program. Findings on VDS gyro problems associated with use of Andok C. Grease	1972
19730069535	Shipboard suitability trails of model AV-8A aircraft with Pegasus 103 engine and quick release holdback	1972
19730069536	Certification tests for the Mk 7 jet blast deflector	1972
19730069537	Aerodynamic configuration and component definition study: Engineering data category B interface control drawings	1972
19730069538	Research and development on silicon photocathodes and TSEM's	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730069539	C3 PAT lot verification test. Filter, electrical, radio frequency, NOC, low pass, fixed	1972
19730069540	Qualification test report C3 umbilical connector	1972
19730069541	Design of a 4-bit X-band phase shifter network	1972
19730069542	Production engineering measure, computer aided design system for linear integrated circuits	1972
19730069543	Qualification test report. Electron tube, micro wave, transmitting	1972
19730069544	Manufacturing methods for low emission grid coatings for barium activated cathode vacuum tubes	1972
19730069545	Maintenance/Programming panel	1972
19730069546	Radiometer antenna scanner	1972
19730069547	A feasibility study on the utilization of pulse transformer spark detonator firing sets in ordnance applications	1972
19730069551	Preliminary Extreme Range Laser Illuminator (PERLI)	1972
19730069556	High quantum efficiency 1.06 micron image tube	1972
19730069561	Production engineering measure for ion-implanted integrated circuits	1972
19730069562	High power wideband UHF integrated circuits	1972
19730069563	Degradation of mechanical properties following sudden heating and compressive shock loading	1972
19730069564	High temperature subsonic rain and sand erosion resistant fluorocarbon coatings	1972
19730069565	Dornier Post (selected articles)	1972
19730069566	A solution to the control system of an aircraft gas turbine	1972
19730069567	New systems for information display	1972
19730069570	Neutron cross section sensitivity studies for oxygen, nitrogen, and dry air	1972
19730069571	Ground surveillance radar AN/PPS-15	1972
19730069572	Airborne SHF SATCOM terminal test	1972
19730069573	Survey of low noise level, closed cycle, external combustion engines for watercraft propulsion	1972
19730069574	Signal processing in a conically scanned millimeter wave radiometer	1972
19730069575	Test of Light Aerial Platform (LAP) (TECMAT)	1972
19730069577	Evaluation of candidate crash resistant self-sealing aircraft fuel tank materials	1972
19730069578	Comparison of measured and calculated patterns of four-element multiple beam arrays	1972
19730069579	Oil flow through rate of cylindrical sliding bearings	1972
19730069580	Studies on fiber reinforced plastics for large numbers of load cycles	1972
19730069581	Calibration of angle-of-attach and dynamic pressure sensors on the modular guided glide bomb at transonic Mach numbers	1972
19730069582	Test and loading AN/TPN-19 Landing Control Central (LCC)	1972
19730069583	IOT and E of a airborne video tape recorder systems for designated A-7D and F-4C training aircraft	1972
19730069584	Production engineering measure for multistage solid state power amplifiers	1972
19730069585	Production engineering measure for moderate power laser arrays	1972
19730069586	Benchmark programs and computational techniques for target. Acquisition and surveillance signal processing system applications. Volume 2: Waveform control	1972
19730069588	Doppler beam sampling study. Volume 1: Doppler beam sampling (U)	1972
19730069589	Monopulse radar propagation through thick, structured ionization (U)	1972
19730069590	A unique heterogeneous explosion at liquid nitrogen temperature, 77 K (U)	1972
19730069591	Production engineering measure for PbSe photodetector array (U)	1972
19730069594	Hand-held laser rangefinder AN/GVS-5 (U)	1972
19730069600	Elimination of the induced poll of a Canard control configuration by use of a freely spinning tail (U)	1972
19730069603	Comparative analysis of wind tunnel data (U)	1972
19730069604	Launch separation program for F-4 aircraft/Sparrow 3 weapon system (U)	1972
19730069607	Conduct an operational assist for CVAN 68 message processing and distribution system MPDS/Facilities Control System (FCS) (U)	1972
19730069608	Government lot acceptance testing of AIM-7E-2 lot 2 (contract N00019-71-C-0439) (U)	1972
19730069609	Project LRAPP test bed. Technology used in the development of deep-ocean stable platform (U)	1972
19730069610	US Naval Aviation Safety (U)	1972
19730069611	The NSMRL hearing conservation/acoustic habitability study on own-ship active sonar of 6 August - 4 September 1971 (U)	1972
19730069622	General surveillance of the Mk 1 and Mk 37 Asroc Motors (U)	1972
19730069624	Research and Development Acceptance Test (RDAT) 1 of advanced aerial fire support system AH-56A, volume 2 (U)	1972
19730069626	Production engineering measure for 25mm microchannel plate, volume 1 (U)	1972
19730069640	Operation of semiconductor photocathodes in the semitransparent mode (U)	1972
19730069641	Evaluation of the A-7E weapons system (U)	1972
19730069645	ADLI airframe/exhaust system program (U)	1972
19730069648	Flight test of the improved optical proximity sensor (U)	1972
19730069656	High-sensitivity III-V photocathode (U)	1972
19730069657	High sensitivity III-V photocathode (U)	1972
19730069661	Advanced thrust vector control preliminary design computer program. Volume 3: Test cases (U)	1972
19730069665	Airborne and waterborne sound pressure spectrum levels radiated by the SH3D helicopter (U)	1972
19730069666	Quantification of bias errors in tracking sonars due to beamformer and electronics (U)	1972
19730069667	TOW short tube safety test (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730069668	Light airborne multipurpose system (LAMPS) D/V-98 phase F-1 system description (U)	1972
19730069672	Selected ASW systems cost estimates (U)	1972
19730069673	Low signature composite propellants (U)	1972
19730069676	Testweight tactical chamber bleed hot gas roll control development (U)	1972
19730069677	Post mission hazards of Aero 14B spray tank/A4D aircraft sorties (U)	1972
19730069681	Development and characterization of a high density, high impulse propellant (U)	1972
19730069682	Chaparral comparison test (U)	1972
19730069683	Analysis of laser designator coding requirements to avoid interference (U)	1972
19730069684	Floating array processing techniques (U)	1972
19730069685	Cloud backscatter discrimination by electronic filtering (U)	1972
19730069697	Check test of OV-1D Mohawk surveillance system (U)	1972
19730069698	Investigation of the use of a short dipole for VLF electromagnetic wave reception by submerged submarines (U)	1972
19730069699	Electro-optics signal processing for advanced swimmer defense system (U)	1972
19730069700	Design, prototype fabrication and testing of a solid state RABFAC and air droppable beacon (U)	1972
19730069701	Initial production test of sight, night vision, individual served weapons, AN/PVS-2A (U)	1972
19730069703	Study report on optimization of the 66 mm multishot rocket system (U)	1972
19730069706	Phase 2 evaluation of the PAVE STORM 0 and PAVE STORM 1 weapon systems (U)	1972
19730069713	Convergence-zone range prediction 1972 state-of-the-art (U)	1972
19730069715	Multi-service test and evaluation Maverick. Combat hunter phase 3 (U)	1972
19730069716	Pulse gated image intensifier night sight for the Dragon medium antitank assault weapon (U)	1972
19730069717	Category 2 systems test of the PB-111A navigation and computer subsystem (U)	1972
19730069720	Low shear mixing (U)	1972
19730069722	Magnetic field compression at the debris-air interface. Early-time theory for flow normal to field (U)	1972
19730069728	A passive infrared surface surveillance system (U)	1972
19730069729	Production engineering measure for PbSe photodetector array (U)	1972
19730069730	Quarterly compilation of abstracts on completed Test, Experimental, and Development (TED) projects (U)	1972
19730069731	Results of the full-scale F-15 inlet/engine compatibility test at subsonic and supersonic Mach numbers (U)	1972
19730069748	Conduct a fleet operational investigation of guided missile AIM-7E-2 Sparrow (as an antiship missile) (U)	1972
19730069759	Transmission experiments in Prairie Smoke (U)	1972
19730069799	Malfunction avionics C-N system study, volume 2 (U)	1972
19730069801	Doppler method for determining target depth (U)	1972
19730069806	High power CO laser (U)	1972
19730069810	Wind tunnel tests of the Multi-Mode Reentry Vehicle (MMRV) at Mach number 10 (U)	1972
19730069814	Property degradation of 3D quartz phenolic subjected to sheet explosive impact testing (U)	1972
19730069828	Aerodynamic force test on the SAMSO/aerospace MMRV biconic configuration at Mach numbers 10 to 19 (U)	1972
19730069843	airborne target signatures study (U)	1972
19730069876	Analysis of Mark 12 RV and decoy wake data (U)	1972
19730069879	Have feast test report (U)	1972
19730069882	Chaff Tracking and Prediction Workshop (13-14 April 1972) (U)	1972
19730069885	Electromagnetic compatibility analysis of the DRAGON weapon system (U)	1972
19730069895	Readiness test planning. Infrared radiation requirements. Volume 1: Summary of measurements (U)	1972
19730069908	Ground Laser Attack Designator (GLAD), phase 2 (U)	1972
19730069912	Premium quality 5A1-2.5Sn ELI titanium project	1972
19730069918	Hydrogen adsorption and diffusion, and subcritical crack growth in high strength steels and nickel base alloys	1972
19730069921	Discrete device evaluation testing, part no. SPC 5001	1972
19730069922	Discrete device qualification testing, part no. 1N827A	1972
19730069923	Discrete device qualification testing, part no. 2N3720	1972
19730069924	Discrete device qualification testing, part no. 2N2034A	1972
19730069930	Water impact analysis of space shuttle solid rocket motor by the finite element method	1972
19730069937	Annual review of research and advanced development, 1 July - 30 June 1972	1972
19730069942	Vacuum jacketed composite lines	1972
19730069943	Wind tunnel data analysis for the NR/VTOL 0.06 scale model	1972
19730069945	The James Franck Institute	1972
19730069947	The James Franck Institute Quarterly Report no. 106	1972
19730069953	Mission requirements: Second Skylab mission, SL-3	1972
19730069958	Aeronautical/nautical navigational/traffic control satellite mission study	1972
19730069975	Dustsonde support for clear air turbulence and air pollution studies	1972
19730069980	Kinetics of nitric oxide formation and decomposition	1972
19730069981	Research in particles and fields	1972
19730069988	Basic research in solar physics	1972
19730069998	Boron arsenide and boron phosphide for high temperature and luminescent devices	1972
19730070025	The burning rate sensitivity to pressure of composite propellant	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070066	Chamber, temperature P/N 18903050000	1972
19730070069	Stability of low level isotopic light sources with time and temperature	1972
19730070070	Arctic environmental effects on remote sensing	1972
19730070072	Manufacturing Methods and Technology measure (MMT) program for GaAs laser crystal	1972
19730070073	Test results from XF100-PW-100 engine (S/N XD-13) operation with the full scale F-15 aircraft inlet simulator	1972
19730070077	Directional reflectance of polarized 1.06 micron wavelength laser radiation from various surfaces	1972
19730070078	Validation of TRACOR'S spherical dome array model, and development of dome, array design guidelines, for example, variation in source/signal level, beam width, etcetera, performance indices as functions of dome physical/design parameters	1972
19730070079	Military potential test of improved troop type personnel parachute harness	1972
19730070080	Qualification and accelerated service test of the model J79-GE-10 engine smoke reduction/improved life configuration	1972
19730070081	Qualification of the Avtron Manufacturing, Incorporated, M24021-4 external power monitor	1972
19730070086	System Design Language (SDL) users manual, version 1 translator, CDRL item C0012	1972
19730070088	Summary of engine design and analytical studies to mature the 1137400E engine baseline	1972
19730070089	Radioisotopic power generators of the US Navy, volume 6, number 2	1972
19730070090	Production engineering measure for zinc anodes	1972
19730070094	Information processing/data automation implication of Air Force command and control requirements in the 1980's (CCIP-85). Volume 2: Command and control requirements: Overview. Annex C: Tactical requirements	1972
19730070095	Information processing/data automation implications of Air Force command and control requirements in the 1980s (CCIP-85). Volume 10: Current R and D	1972
19730070097	Study relating possibilities of automatic identification and discrimination on the basis of size, color, and temperature	1972
19730070098	Qualification of the AMF Electrosystems Division P/N MGH-182-800, 750 VA, 3/1 phase, rotary inverter	1972
19730070100	Evaluation of transistors (2N4067)	1972
19730070101	Aging and surveillance testing of a Minuteman LGM-30B stage 2 rocket motor at simulated pressure altitude (motor S/N 0022046)	1972
19730070103	Test set, altimeter P/N 18902770000	1972
19730070104	Test set, case leak P/N 18902760000	1972
19730070105	Power supply, lighting reference P/N 18902780000	1972
19730070107	MASTACS demonstration	1972
19730070108	Research on two megacharacter thrupt BORAM	1972
19730070109	Design of a special purpose digital computer using standard MOS circuits	1972
19730070110	Laser Digest, Fall 1972	1972
19730070111	Category 2 evaluation of the FB-3A propulsion subsystem	1972
19730070113	C3 PAT lot verification test, capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1972
19730070116	Production engineering measure for non-reserve disposable zinc-air battery BA-558/U	1972
19730070117	Advanced metallic air vehicle structure program	1972
19730070118	Manufacturing method and technology measure for single side-band quartz crystal unit CR-(XM-74)/U	1972
19730070119	Indium antimonide photovoltaic retinas	1972
19730070122	Annual inspection of the M-21 arresting gear	1972
19730070127	Integrated circuit/message switch feasibility model development, test, and evaluation. Volume 3: Time division module	1972
19730070128	Production engineering measure for 25mm microchannel plate, volume 2	1972
19730070130	SAM-D engineering development. Volume 1: Narrative summary	1972
19730070131	Advanced composites data for aircraft structural design. Volume 4: Material and basic allowable development - graphite/epoxy	1972
19730070132	F-106A nuclear vulnerability analysis. Volume 3: Blast and thermal appendixes	1972
19730070133	Aerodynamic window investigation. Volume 1: Performance analysis and experimental optical evaluation	1972
19730070134	Vibration testing of the Lance missile system. Part 1: Engineering development and contractor qualification tests	1972
19730070136	Adaptive filtering in AMTI radar	1972
19730070137	Triode/tetrode amplifier development	1972
19730070138	Triode/tetrode amplifier development	1972
19730070139	Digital interface code converter	1972
19730070142	Multicolor display techniques using photochromic film	1972
19730070143	Computer programs to calculate normal mode propagation and applications to analysis of explosive sound data in the Bifi range	1972
19730070144	Short-time elevated temperature mechanical behavior of 2219-T87 aluminum alloy weldments	1972
19730070145	Radar reflectivity measurements of the BQM-34E target	1972
19730070149	Inlet performance characteristics of generalized 1/4-scale and 1/2.83-scale tactical aircraft models at transonic and supersonic Mach numbers	1972
19730070150	The effects of quantization on radar imagery	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070151	Advanced electron device technology	1972
19730070152	Test set, flag and vibrator circuit P/N 18902820000	1972
19730070153	TOW/HAT flight test plan	1972
19730070154	TOW/HAT	1972
19730070155	Q-switched ruby retinal damage in Rhesus monkey	1972
19730070156	Acoustic detection and tracking using correlation techniques	1972
19730070158	Electronically tuned high power network	1972
19730070159	Qualification test plan/report for General Dynamics part number 423-8000561	1972
19730070160	General formulae for the summation of the powers of the first n natural numbers	1972
19730070161	C3 lot verification test. Semiconductor, diode, fast switching, silicon, diffused glass	1972
19730070162	Isothermal forging of titanium alloy main landing gear wheels and nose wheels	1972
19730070163	Visual detections of low flying aircraft by ground observers: The VISDET-2 model	1972
19730070164	VISDET-2 user's manual	1972
19730070165	Failure analysis of the AN/MPQ-4A magnetron	1972
19730070166	Sampling tests of one, type MS 90447-2, nickel-cadmium battery, manufactured by Gulton Industries, Incorporated, under contract N00383-71-C-0012	1972
19730070167	First article tests of two, type MS 90377-1, nickel-cadmium batteries, manufactured by Gulton Industries, Incorporated, under contract N00383-71-C-4927	1972
19730070168	Cost study of selected communications, navigation, and identification equipments	1972
19730070170	Quality assurance program for SNAP programs	1972
19730070172	Induction melting and casting of titanium alloy aircraft components	1972
19730070173	Production engineering measure for VHF fundamental mode crystal blanks	1972
19730070174	Low cost S band transmitter tube for phased array radars	1972
19730070175	Aerodynamic characteristics of a directionally controlled anti-tank missile with straight and curved fins at Mach numbers from 0.2 to 1.3	1972
19730070187	Qualification status of RF filter from Erie	1972
19730070191	Rocket plume optical signatures	1972
19730070192	Charge deposition, a method of electrophotographic recording adapted to optical processing in real time	1972
19730070193	C3 PAT lot verification test. Capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1972
19730070197	Production engineering measure for a broadband, 225-400 MHz, 25 watt power transistor	1972
19730070198	Program to develop high strength aluminum powder metallurgy products. Phase 4A: Vacuum process verification	1972
19730070199	CALMA (model 303) digitizer operating procedures and software package	1972
19730070200	Autovon Centralized Alarm System (ACAS). Electromagnetic compatibility (EMC)	1972
19730070201	High performance double cornered plug nozzles for rocket engines	1972
19730070202	Evaluation of curing agents for solid rocket propellants	1972
19730070204	Power transfer systems for future Navy helicopters	1972
19730070206	Helicopter/fighter escort tactics and techniques development/evaluation, project report phase 1 A-7D evaluation	1972
19730070207	A study of an infrared scanning system for nondestructive inspection of composites	1972
19730070208	Procedures for converting antenna coupler group AN/SRA-50 to an AN/SRA-49 configuration	1972
19730070209	Impedance of dipole arrays in various dielectric slab configurations	1972
19730070210	Flight demonstrations of Vega command/data system for target drone applications	1972
19730070211	Special study to determine procedures to airdrop personnel and equipment from ski-equipped army aircraft	1972
19730070212	A transient vibration test technique using least favorable responses	1972
19730070213	An investigation into the polarization plane of light reflected from tactical targets and backgrounds	1972
19730070214	Aging and surveillance testing of Aerojet Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude (motor S/N AOP-1)	1972
19730070215	Calculation of the heat transfer on the windward side of a delta wing in hypersonic flow	1972
19730070216	SIMFIRE tank gunnery simulator (3A118), July 1972	1972
19730070218	Vibrations of discontinuously constrained damped rings	1972
19730070219	Structural flight loads data from F/RF-4 and Thunderbird F-4E aircraft during 1971	1972
19730070220	High altitude plume rarefaction study	1972
19730070221	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors	1972
19730070222	Program description document for ELDASY11 (ADERCS) A-scope, AGC, and AGC-VCO radar cross-section data reduction system	1972
19730070223	Report on the development of special research area 78-satellite geodesy - and the work in 1970 of Group A ""dynamic method"": Report on the work in 1970 of group B ""geometric method"	1972
19730070224	The separation of useful gravimetric signals from the background of perturbations	1972
19730070225	The support function in the formulas of mathematical geodesy	1972
19730070226	Ultraviolet laser recording techniques for side looking radar applications	1972
19730070230	Quality assurance tests of the BQM-34E target	1972
19730070231	C-5A flight control report (aerospace vehicle). Flight control subsystem, volume 1	1972
19730070232	C-5A flight control report (aerospace vehicle). Flight control subsystem, volume 2	1972
19730070233	C-5A flight control report (aerospace vehicle). Flight control subsystem, volume 5	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070234	C-5A category 1 engineering flight test guidance subsystem test results. Volume 4: Station keeping equipment	1972
19730070235	C-5A category 1 engineering flight test automatic flight control system test results. Volume 2: Autoland	1972
19730070236	Production engineering measures for hybrid circuit solid-state front end. Part 1: Technical report	1972
19730070237	Production engineering measures for hybrid circuit solid state front end. Part 2: Manufacturing procedures	1972
19730070238	A study of three dimensional optical memories using the properties of holography	1972
19730070239	Digital synthesis of radar echo signals	1972
19730070240	The Hispano-Suiza Division of SNECMA achieves a European first	1972
19730070241	Visit to Thompson Aircraft Tire Corporation at Frameries, European recapped aircraft tire capital	1972
19730070242	Production engineering measure, crystal unit CR-(XM-69)/U and CR-(XM-70)/U	1972
19730070243	Production engineering measure for subminiature low voltage ceramic capacitors	1972
19730070244	Fabrication process for oxidation resistant diboride materials	1972
19730070245	Q-switched evaluation of CaLaSOAPNd	1972
19730070246	Wind tunnel tests of shock induced interference heating at Mach number 8.09	1972
19730070247	Design verification testing of the Lear Siegler Incorporated model 30071-001, 300 ampere dc generator	1972
19730070248	AN/SSQ-41A/53 sonodrop Q41 system qualification test/Q53 development test Cape May, New Jersey, 1 August 1972, Key West, Florida, 15-17 August 1972	1972
19730070249	Technical evaluation of a wavemeter field change kit for radar test set AN/UPM-98A	1972
19730070250	Scout S-163CR	1972
19730070254	V/STOL dynamics and aeroelastic rotor airframe technology. Volume 3: User's manuals - computer programs for aeroelastic stability analysis and aeroelastic prop/rotor loads analysis	1972
19730070255	Electro-interference/Tempest test plan for LCFP. Volume 1 (sections 1 thru 6, and 8 thru 10, appendices A thru D)	1972
19730070256	Master executive control for the advanced avionic digital computer. Volume 1: Summary	1972
19730070257	Master executive control for the advanced avionic digital computer. Volume 2: Technical document	1972
19730070258	Concept definition of the Navy environmental protection data base system. Part 1: Technical studies and conclusions. Part 2: Plan for phase 2	1972
19730070259	Electroreflectance. Part 8: Symmetry analyses	1972
19730070260	Measured temperatures of solid rocket motors dump stored in the tropics and desert. Part 2: Data sample	1972
19730070261	Qualification status of wood for 11241701, uses and circuit protective devices, circuit breaker	1972
19730070262	MAIDS study language processing technology	1972
19730070263	Aerodynamic window for the Air Force laser	1972
19730070264	Aging and surveillance testing of a Minuteman LGM-30F stage 2 rocket motor at simulated pressure altitude motor S/N AA20040, designation OP-14	1972
19730070265	Method of test, OT and E of the F-111D/MK-2. Annex D, Phase 1D	1972
19730070266	Experimental FFH equipment for RPV command and control	1972
19730070268	Studies of field assisted photocathodes for 1 to 2 microns	1972
19730070269	Epitaxial sublimation methods for the study of pseudo-binary semiconductor alloys	1972
19730070270	F-5E prime item product function specification test set, stability augments system	1972
19730070271	Prime item development specification for air vehicle: F-5E(Saudi), part 1	1972
19730070273	Quarterly compilation of abstracts on completed test, experimental, and development (TED) projects, 1 October - 31 December 1972	1972
19730070274	ATMAC UHF ground-air/air-ground digital data link preliminary design and test effort	1972
19730070275	Modular trisonic vehicle study	1972
19730070276	Preliminary, operating instructions, cross-wind component indicator	1972
19730070277	Manufacturing methods and technology measure for nickel-zinc secondary batteries	1972
19730070278	Antenna and RF distribution systems approaches to meet AN/VCC-2 communications requirements on amphibious ships	1972
19730070279	Flight test and evaluation of collision warning devices	1972
19730070280	Production engineering measure for high reliability aluminum electrolytic capacitors	1972
19730070281	C3 PAT lot verification test. Capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1972
19730070283	C3 lot verification test. Coils, inductance, fixed, audio frequency, NOC, .125-.25 watt, 109-240 volts, diamagnetic, encapsulated	1972
19730070284	Single and multiple burst neutron irradiation test of lithium doped silicon solar cells	1972
19730070285	Production engineering measure for mechanized production and test equipment for subminiature ceramic chip capacitors	1972
19730070286	Optical Rocket-launched Balloon (ORB) feasibility study program	1972
19730070287	Stage 2 sea level liner ejection study addressing design, fabrication and testing	1972
19730070288	Systems research for radar and communication systems	1972
19730070289	Cylindrical structures made from carbon fibers	1972
19730070290	Ion implantation in semiconductor materials	1972
19730070292	Improved materials for aircraft self sealing fuel cell systems	1972
19730070293	Growth and characterization of thin film 3-5 ternary compounds for photocathodes	1972
19730070294	Investigation of strength development factors in monolithic refractory	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070295	The Navy rigid airship	1972
19730070296	Measurements of vertical and horizontal VLF fields excited by an elevated, arbitrarily oriented antenna	1972
19730070297	Technical evaluation of a solid-state local oscillator for use with landing control central AN/SPN-42	1972
19730070298	Flight evaluation of the SY-116B photochromic flashblindness system in the A-6A airplane	1972
19730070299	Design review of A-7 aircraft nose landing gear	1972
19730070300	Dash-mounted reflex sight feasibility tests for Helicopter Sensor Dispenser Subsystem (HSDS), phase 1	1972
19730070301	Evaluation of experimental Air Force laser protective devices	1972
19730070302	Acousto-optic discrete position display	1972
19730070304	Production engineering measure of a very high current, high speed pulser silicon controlled rectifier	1972
19730070305	Investigation of solid state cold cathodes	1972
19730070306	Conceptual studies of aerodynamic glider-decelerator combinations for heavy loads	1972
19730070307	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors	1972
19730070308	Spinel ribbon	1972
19730070309	Light activated silicon switch	1972
19730070312	Prospects on electric vehicles	1972
19730070313	Navy aircraft wheel and brake assemblies	1972
19730070314	Evaluation of Versatile Avionics Shop Test (VAST) AN/USM-247(V)	1972
19730070315	Status of Mk 88 (Poseidon) module testing	1972
19730070316	Status of AN/BQS-13 DNA module testing	1972
19730070317	Production engineering measure for an integrated circuit power amplifier 600-1000 MHz for tactical radio equipment	1972
19730070318	VHF tactical channel simulator advanced development model	1972
19730070322	Production engineering measure for solid state photodetectors	1972
19730070324	Feasibility test evaluation of engagement techniques for the Port-2, wing fending line air-to-air rescue concept	1972
19730070325	Amphibious assault landing craft program (S14-17), craft handling in LPD/LSD well deck: AALCP craft towing system subsystems report	1972
19730070326	Electrochemical systems as self-erasing memory circuits	1972
19730070327	Space communications	1972
19730070328	Navy evaluation of the F-4J airplane wing leading edge slats high lift system	1972
19730070329	Qualification of the Autron Manufacturing Incorporated external power monitor part no. P749D9245	1972
19730070330	Technical evaluation of fleet radio weather facsimile equipments	1972
19730070331	A review of two-phase marine propulsion	1972
19730070332	Transonic characteristics of close-coupled canard and horizontal tail installed on a 50 degree sweep research aircraft model	1972
19730070333	C3 PAT Lot verification test. Capacitor, fixed, electrolytic, tantalum, solid, HS, lead mount, contractor Hi Rel	1972
19730070334	C3 PAT Lot verification test. Capacitor, fixed, electrolytic, tantalum, solid HS, lead mount, contractor Hi Rel	1972
19730070336	Radio set AN/ARC-144(V) (XA-1)	1972
19730070337	Cookoff prediction of explosives by thermal analysis techniques	1972
19730070338	Production engineering measure for 18 mm microchannel wafer image intensifier tube	1972
19730070339	Mirage F1-C weapon system	1972
19730070340	Magneto-hydrodynamics of porous media	1972
19730070342	Amorphous semiconductors. Part 1: Photoconductivity, electroreflectance, and electron microscopy in amorphous germanium	1972
19730070343	Manufacturing method and technology study for domed GaAs photoemissive diodes	1972
19730070344	Data input/output module	1972
19730070345	Sonic casting of CdTe for high power IR laser windows	1972
19730070346	An investigation of directional propagation effects in high frequency radio source location	1972
19730070348	Reliability data from in-flight spacecraft 1958-1970, addendum	1972
19730070349	Project briefs (active projects supplement)	1972
19730070350	The low temperature handling of Navy distillate fuels. Phase 2: Simulation of low temperature operation of water displacement fuel tank	1972
19730070351	On-board projectile measurements for exterior ballistics	1972
19730070353	TF34-GE-2 engine development program qualification test phase report	1972
19730070354	Development of reduced point source spreading in silicon intensifier vidicons	1972
19730070355	Energy differentiated pulsed X-ray measurements	1972
19730070361	Qualification report for capacitor, fixed-ceramic dielectric per drawing 423-80	1972
19730070365	Advanced mode control and high power optics technology	1972
19730070366	Signal amplitude and wave polarization measurement in short-range radiolocation	1972
19730070368	AN/SSQ-41 two stage parachute system	1972
19730070369	Static test firing of LGM-30A stage 1 rocket motor S/N 0011063 Minuteman surveillance program	1972
19730070370	Static test firing of LGM-30B stage 1 rocket motor S/N 0012015 Minuteman surveillance program	1972
19730070371	ASROC firing zone for the USS Agerholm DD-826	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070374	Test and evaluation of a log etronic, SP10/70 as modified by Ingenuics Incorporated	1972
19730070378	Concept definition of the Navy Environmental Protection Data Base: NEPDB system	1972
19730070379	Laser oscillators	1972
19730070381	Comprehensive list of microwave tubes	1972
19730070382	Static test firing of Minuteman third stage operational motor S/N 0031008 LGM-30 operational shelf/service life	1972
19730070384	Quartz crystal oscillator development for timation	1972
19730070385	Flight evaluation of the Bendix 300 ampere DC generator and quick-attach-detachment	1972
19730070386	The 25 KHz bandwidth for secure voice	1972
19730070387	Thermal vacuum test report - SESP flight P72-1	1972
19730070388	Behavior of test pieces of structural elements of fiber reinforced plastics subjected to damage by fatigue loading	1972
19730070389	Institute for Aircraft Fuels and lubricants (005)	1972
19730070390	Discharge of helicopters by electronically controlled emission of charge carrying liquid droplets	1972
19730070391	Abstracts of the Twenty-Second Annual Symposium on USAF antenna research and development program	1972
19730070392	Power transients tests for the P-3C airplane	1972
19730070393	Index of US naval aircraft, Air launched guided missiles, and their propulsion systems	1972
19730070394	Luminous transmittance of anti-laser eye protection devices under various light conditions	1972
19730070395	Model A-7B/C airplane/TF30-P-408 engine performance technical evaluation	1972
19730070396	Fuel and high temperature resistance channel sealant suitable for 15-mil gaps	1972
19730070398	Quasi-optical techniques for simultaneous reception of multiple millimeter signals	1972
19730070399	III-V photocathode development	1972
19730070400	III-V photocathode development	1972
19730070406	Evaluation of type 54H102 microelectronic circuits, Fairchild, second source for 310297	1972
19730070407	Evaluation of type RM8241 microelectronic circuits, digital exclusive- or gate raytheon, second source for SCN 310138	1972
19730070408	Category 2 evaluation of the C-5A hydraulic and flight control subsystems (stallimiter subsystem), addendum	1972
19730070409	C-5A category 1/2 engineering flight test. Qualities test results. Volume 1: Addendums 1, 2 and 3	1972
19730070410	C-5A flight control report (aerospace vehicle). Flight control subsystem, volume 3	1972
19730070411	C-5A flight control report (aerospace vehicle). Flight control subsystem, volume 4	1972
19730070412	Aerodynamic configuration and component definition study. CEI/subsystem design analysis reports. Volume 1: Definition of concept	1972
19730070413	Aerodynamic configuration and component definition study. Configuration item development specification. Volume 2: Interconnection and signal lists	1972
19730070414	Aerodynamic configuration and component definition study. Configuration item development specification. Volume 1: Specifications	1972
19730070415	Aerodynamic configuration and component definition study. Configuration item development specification. Volume 3: Design guidelines	1972
19730070416	Advanced inertial sensor techniques. Volume 1: Materials research, bearing technology application, and hybrid phase processing	1972
19730070417	Advanced inertial-sensor techniques. Volume 2: Operational system improvement study, LN-12 error analysis	1972
19730070421	Attack helicopter: Daylight defense (USACDEC experiment 43.6). Volume 6: Executive	1972
19730070423	Dynamics of recoilless and semirecoilless weapons. Volume 2: Reduced recoil rocket launchers, addendum 1	1972
19730070424	Carrier Aircraft Support Study (CASS). Volume 1: Summary	1972
19730070425	Advanced V/STOL propeller technology. Volume 11: Advanced gearbox design	1972
19730070427	ECM/ECCM evaluation program. Volume 8: Tristatic tracking system (software development)	1972
19730070428	ECM/ECCM evaluation program. Volume 12: Test and evaluation support coordination	1972
19730070432	Multifunction avionics C-N system study, volume 1	1972
19730070433	Exploratory development of low thermal conductivity carbon fibers	1972
19730070434	Thermal and mechanical properties of advanced heatshield resinous CP and carbonaceous CC composites. Volume 2: Data books for the CP composites	1972
19730070435	SAM-D engineering development status. Volume 1: Narrative summary	1972
19730070436	Tactical Automated Reporting Capability (TARC) testing effort, volume 1	1972
19730070437	Perforated metallic shells for radome applications	1972
19730070438	FY72 applied optics research	1972
19730070439	Satellite long life assurance: The impact of the shuttle era	1972
19730070440	UHF command/satellite transceiver AN/ARC-151	1972
19730070441	Navy evaluation of an improved tail pylon and tail driveshaft group for the SH/UH-3-A/D/G/H helicopters	1972
19730070444	Pressure distributions on a delta wing - horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 2: Comparisons of theory and experiment	1972
19730070445	Pressure distributions on a delta wing - horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 3: Wing section and total surface aerodynamic coefficients	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070446	Pressure distributions on a delta wing - horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 4: Wing chordwise pressure distributions-nacelles on	1972
19730070447	Pressure distributions on a delta wing - horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 5: Wing net chordwise pressure distributions and isobars - Nacelles on, part 2	1972
19730070449	Production engineering measure for solid-state microwave acoustic delay lines	1972
19730070450	Manufacture methods for single crystal magnesium aluminate spinel	1972
19730070451	Reflection properties of a periodic array of dipoles in a dielectric slab	1972
19730070453	A laser optical system for determining the aim of a rocket on its ramp	1972
19730070454	Accelerated weathering of polyamides, aromatic polyamides, and polybenzimidazole fabrics	1972
19730070455	Effects of variations in triple-ejection-rack-fairing geometry on separation characteristics of two stores from the F-4C aircraft	1972
19730070456	Improved nickle-aluminum-bronze alloy resistant to parting corrosion in seawater	1972
19730070457	Static test firing of LGM-30B stage 1 rocket motor S/N 0012057 minuteman surveillance program	1972
19730070458	A hydrodynamic and acoustic test facility for underwater missiles	1972
19730070459	Engineering test of parachute assembly, rigid survival kit container and survival vest for OV-1 Mohawk	1972
19730070462	Initial production test (retest) of radio terminal set AN/MRC-127	1972
19730070463	Effect of the Lockheed S-3A canopy on the Modulation Transfer Function MTF of a photographic lens	1972
19730070464	Applications of learning techniques to AMTI radar problems	1972
19730070465	Flight test evaluation and calibration of aims airborne ATCRBS equipment in the T-28B/C airplanes	1972
19730070466	Manufacturing methods for silicon solar cells with integral coverslips	1972
19730070467	Highly dispersive acoustic filter study	1972
19730070468	Tactical aircraft guidance system advanced development program	1972
19730070469	C3 PAT lot verification test. Capacitor, fixed, ceramic, feed through, molded, lead mount, contractor Hi Rel	1972
19730070470	C3 PAT lot verification test. Resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1972
19730070471	Scout S-173 C	1972
19730070472	Battery Mark 46 Mods O and 1 surveillance (U)	1972
19730070479	Wind-wave-current interaction study (U)	1972
19730070480	Free field acoustic analysis of the TR-155(D) transducer using a 3-D finite element model (U)	1972
19730070481	Production engineering measure for PbSe photodetector array (U)	1972
19730070483	A digital simulation model for evaluating system effectiveness of infrared air to air missiles (U)	1972
19730070487	Causes and properties of ambient noise with applications to airborne ASW (U)	1972
19730070488	ALD-2B interference blanking unit (U)	1972
19730070489	Agile low-cost materials study. no. 1: Feasibility of using molded blast tube and nozzle components (U)	1972
19730070492	Improved transmission type photo and secondary emitters using III-V compounds (U)	1972
19730070493	Interim surface to surface missile capability for destroyer (U)	1972
19730070496	Conduct a fleet operational evaluation of the guided weapon Mk 5 Walleye 2 (U)	1972
19730070497	Effects of alternative flight activity levels on sea control ship aviation operating and maintenance manning requirements (U)	1972
19730070498	FASOR 1 data report, forward area sonar research program May - September 1964, northwestern Pacific Ocean (U)	1972
19730070499	AIM-7F Sparrow 3 missile performance against maneuvering targets in a noise-free environment at low altitude (U)	1972
19730070500	Beam switching processor for NELC multiple target retrodirective antenna (U)	1972
19730070502	Aeronautical Systems Technology needs: Escape, rescue, and survival (U)	1972
19730070503	Aeronautical Systems Technology needs: Test facilities and test equipment (U)	1972
19730070504	Seismic on-off control (U)	1972
19730070505	Distributed array study (U)	1972
19730070514	Thermally unstable polymers (U)	1972
19730070515	Phase 1 hypervelocity rocket program, volume 1 (U)	1972
19730070517	Advanced aircraft avionics requirements study, volume 1 (U)	1972
19730070519	Drag and stability data obtained from free-flight firings of four nose-cylinder-skirt configurations (U)	1972
19730070521	Measures of tactical effectiveness: Some formulations and their relation to undersea surveillance (U)	1972
19730070523	Prototype 1.06 micron image intensifier (U)	1972
19730070524	The 1.06-micron image intensifier tube development (U)	1972
19730070525	Parametric analysis of the S-3A's difar localization and tracking subprogram (U)	1972
19730070526	Target detection by semi-alerted AN/SQS-23 (TRAM) sonar operators (U)	1972
19730070527	An analysis of tartar missile system reaction delays and detection, lock-on and firing ranges (U)	1972
19730070530	Shore site evaluation of helicopter radar systems (U)	1972
19730070531	Summary of aerodynamic characteristics of the FDL-6 high L/D configuration (U)	1972
19730070535	Influence of fuels and lubricants on turbine engine design and performance (U)	1972
19730070537	F-14/AWG-9 tactical program functional description, volume 1 (U)	1972
19730070538	F-14/AWG-9 tactical program functional description, volume 2A (U)	1972
19730070539	F14/AWG-9 tactical program functional description, volume 2B (U)	1972
19730070540	F-14/AWG-9 tactical program functional description, volume 3A (U)	1972
19730070541	F-14/AWG-9 tactical program functional description, volume 3B (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070544	Composite wing for transonic improvement. Volume 1: Composite wing aeroelastic response study (U)	1972
19730070548	A separation trajectory study of the HOB0 from the inboard pylon of the F-4 aircraft as predicted by the flow angularity technique (U)	1972
19730070552	Future naval aircraft subsystem/AADC interface definition for operational and OBC requirements. Volume 2. Appendices (U)	1972
19730070555	Surveillance of sidewinder AIM 9D/G rocket motor Mk 36 mods 2 and 5 igniter Mk 264 mod 1 (U)	1972
19730070556	Design and development of advanced turbine engine gas generator. Part 2: Materials research and development (U)	1972
19730070557	Category 2 systems test of the FB-111A terrain following radar (AN/APQ-134), appendix 2, volume 1 (U)	1972
19730070558	Design and development of advanced turbine engine gas generator. Part 1: Design and gas generator testing (U)	1972
19730070559	Category 2 systems test of the FB-3A terrain following radar (AN/APQ-134), appendix 2, volume 2 (U)	1972
19730070560	Category 2 systems test of the FB-3A terrain following radar (AN/APQ-134), appendix 2, volume 3 (U)	1972
19730070563	Design, development, analysis and flight test of AN/ASN-101 inertial navigation system. Volume 1: System design (U)	1972
19730070565	Production engineering measure for a 25 mm fiber optic image inverter plate (U)	1972
19730070566	Solid state analog weapons delivery computer (U)	1972
19730070571	Design, development, analysis and flight test of AN/ASN-101 inertial navigation system. Volume 2: Software development (U)	1972
19730070572	Design, development, analysis and flight test of AN/ASN-101 inertial navigation system. Volume 4: System disciplines (U)	1972
19730070573	Proceedings of the Tri-service Gun Propellant symposium, volume 2 (U)	1972
19730070574	Dust erosion behavior of materials at hypervelocity, part 2 (U)	1972
19730070576	Thermostructural comparison (T-COMP) of 3D-MOD 3 carbon-carbon and graphite (U)	1972
19730070577	Nozzleless rocket motor application study (U)	1972
19730070578	The 1.06 micron image intensifier tube development (U)	1972
19730070582	DC antitank: The development of propulsion systems concepts (U)	1972
19730070585	A review of the effect of composition on the burning rate of HMX, containing propellants (U)	1972
19730070587	Design, development, analysis and flight test of AN/ASN-101 inertial navigation system. Volume 3: Laboratory and flight testing (U)	1972
19730070597	SAM-D engineering development status. Volume 2: Engineering/operations (U)	1972
19730070599	Low crosstalk PbSe arrays (U)	1972
19730070600	An investigation of techniques for the direct deposition of an optical bandpass filter onto In Sb arrays (U)	1972
19730070601	Prototype flight evaluation tests of the Dragon antitank rocket XM-47 system (U)	1972
19730070603	Research and development on silicon photocathodes and TSEM'S (U)	1972
19730070605	Investigation of a rocket launched sonobuoy system for use in contact classification (U)	1972
19730070606	Static force tests of AFFDL advanced manned interceptor configurations at Mach numbers from 1.5 to 5 (U)	1972
19730070607	Analysis of procedures to boresight missile sensors to an aircraft target acquisition sensor (U)	1972
19730070608	The microwave emissivity of foam on a water surface (U)	1972
19730070609	Chroma experimental test program (U)	1972
19730070611	Product improvement test of shillelagh missile MGM-51C, (airdrop) (U)	1972
19730070612	Acoustic volume scattering in the Mediterranean: A comparison of measurement techniques (U)	1972
19730070613	Development of microwave radiometric navigation and weapons control techniques (U)	1972
19730070614	Development of lead-tin telluride detector array (U)	1972
19730070615	A summary and overview of Navy research, development, test and evaluation related to the provost prgrsm (U)	1972
19730070616	Variable Parameter Terrian Avoidance Radar (VPTAR) system test report (U)	1972
19730070617	Operations analysis of a multistatic echo-ranging system (U)	1972
19730070620	Radar cross-section measurements of scale model of the septar MK 35 boat (U)	1972
19730070621	Supersonic tunnel test of the Army SAM-D missile at high angles of attack (U)	1972
19730070622	Far infrared pointer (U)	1972
19730070623	ST9 infrared suppression hardware evaluation (U)	1972
19730070624	Oblique water entry of high speed cones and paraboloids (U)	1972
19730070625	FIRTI/Shillelagh missile firing test report (U)	1972
19730070634	RAM for film and transpiration cooled material, part 2 (U)	1972
19730070635	Conduct an operational appraisal of the destroyer/helicopter system (LAMPS) (U)	1972
19730070667	End game evaluations for advanced weapon equipped tactical aircraft (U)	1972
19730070671	Analysis of project 6.9 Johnston Island radar tapes for microwave radiometric information on event Tight Rope (U)	1972
19730070672	Limited EMC analysis of AN/APQ-137 night, all weather target indicator (U)	1972
19730070681	EDE evaluation of expendable ECM tactics versus a search radar (U)	1972
19730070686	Special missile analysis (U)	1972
19730070689	Project F/0266 feasibility study (U)	1972
19730070700	Missile technology (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070705	Rivet haste phase 1 (U)	1972
19730070719	Agile missile production cost estimates (U)	1972
19730070730	Evaluation of Countermeasures Airborne Infrared (CAIR) I (U)	1972
19730070733	Automatic ECM Selection by Onboard Processor (AESOP), Phase 2 (U)	1972
19730070734	Tactical applications of towed arrays (U)	1972
19730070736	A study of the secondary IR sources on the UH-1H helicopter (U)	1972
19730070737	Redeye IRCM study (U)	1972
19730070738	Observations of certain interference effects on typical naval HF communications equipment (U)	1972
19730070744	Equipment design for wake detection (U)	1972
19730070745	A comparison of two proposed ASW patrol aircraft (U)	1972
19730070746	A new serrodyne modulation technique for use in denial jamming (U)	1972
19730070750	EES evaluation of the AN/ALR-45 radar homing and warning receiver (U)	1972
19730070753	High power source development (U)	1972
19730070764	Defense suppression Task 04 location strike system (U)	1972
19730070766	Fleet Hydrofoil (FH) mission analysis and equipment capability requirements for the 1980 ERA (U)	1972
19730070768	GEANS navigation error performance in a strategic mission environment (U)	1972
19730070811	Infrared jamming assessment (U)	1972
19730070819	RAT SCAT radar cross section measurements of the AGM 45A, type 3 (Shrike) and AGM-78 (standard arm) (U)	1972
19730070827	Technology Application Program (TAP). Volume 2: Antenna window and nose design studies (U)	1972
19730070830	Navy technological projections. Part 2: Technological capabilities (U)	1972
19730070840	Discrimination concept study midterm report, Volume 1 (U)	1972
19730070872	Tests of the final Advanced Control Experiment (ACE) configuration at Mach numbers from 2 to 8 (U)	1972
19730070877	Maximum maneuver concept (U)	1972
19730070888	SAMSO/PEG radiation test (U)	1972
19730070890	NERVA nozzle extension fibrous graphite development	1972
19730070891	FIOP FORTRAN set-up program	1972
19730070892	Data release memoranda	1972
19730070897	Apollo/Saturn 5 Launch Complex 39 operations and maintenance. Propellant tanking computer system simulators, Skylab 2 (part of 9PT001A)	1972
19730070898	Spaceflight tracking and data network study program	1972
19730070903	Measurements of fluctuations in turbulent boundary layers with heterogeneous composition	1972
19730070926	Design study of V/STOL lift fan research transport, volume 1, part 1, task 2	1972
19730070936	Skylab 2, 3, 4, rescue test and checkout plan, volume 1	1972
19730070940	In vivo measurement of human body composition	1972
19730070948	Grant Quarterly Report, October - December 1972	1972
19730070950	Theoretical and experimental studies in ultraviolet solar physics	1972
19730070972	ECM/ECCM evaluation program. Volume 13: Tristatic/PJL experiment data processing requirements	1972
19730070974	Skylab Earth Resources Experiments Package (EREP) systems handbook, second issue	1972
19730070995	Attack helicopter: Daylight defense (USACDEC Experiment 43.6). Volume 5: Data package	1972
19730071052	Hybrid microcircuit sealing	1972
19730071067	Production engineering measure for high voltage aluminum high reliability electrolytic capacitors	1972
19730071068	Production engineering measure for 25mm microchannel plate	1972
19730071069	Quality appraisals: Special procedures for certain catapult components	1972
19730071070	Thermal oxidation polymeric coating treatments of high modulus graphite fibers	1972
19730071072	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage	1972
19730071073	C3 lot verification test. Semiconductor, special types of, field effect, silicon, planar epitaxial	1972
19730071075	Production engineering measure for improvement of techniques to increase the reliability for ceramic isolation capacitors for integrated circuits	1972
19730071076	Cobra night fire control system (CNFCS) RCA model SI503 gallium-arsenide laser rangefinder/designator	1972
19730071077	Report of evaluation tests. Communications Components Corporation broadband and Collins CU-942 antenna couplers	1972
19730071078	Qualification of automatic parachute release HI-TEK Corporation model 7000	1972
19730071079	User's manual for the NWC spectral analysis computer program	1972
19730071080	Qualification status of RF filter from electro networks	1972
19730071082	Rotating fluid studies with relevance to geophysics	1972
19730071083	The design, development and manufacture of the walleye guided weapon test set AN/DSM-96A	1972
19730071084	Methods of forming technology	1972
19730071085	Photochromy and thermochromy	1972
19730071088	Production engineering measure for high power traveling-wave tubes	1972
19730071089	Trade study report for advanced survival avionics package	1972
19730071091	Shock tube driven gas dynamic laser development	1972
19730071092	Development of a bearing for the extended antenna of a spin stabilized space vehicle	1972
19730071093	IROS cost study for the KS-87B still picture camera	1972
19730071094	Concordes go into mass production	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071095	A comparison of computational gradient methods for unconstrained optimization problems	1972
19730071096	Development of original designs of a wear testing machine	1972
19730071097	Production engineering measure mechanized production and test equipment for time setting potentiometers (cermet and conductive plastic)	1972
19730071098	Investigation of a confined vortex principle for the extraction of a laser beam (aerodynamic window)	1972
19730071099	Holographic inspection and evaluation of propulsion materials	1972
19730071101	An electron-density model for event spruce and its relationship to short-pulse-radar cross section measurements	1972
19730071103	A computer program to calculate the physical properties of a system of coaxial bodies of revolution	1972
19730071104	Microwave integrated circuit steerable polarizer	1972
19730071106	Ambient noise attenuation	1972
19730071112	Equations of state of monoatomic elements during sublimation at very low pressures	1972
19730071113	IFR flight instrument and equipment requirements for Army OH-6 and OH-58 aircraft	1972
19730071114	Remotely piloted vehicle laser target designation tests	1972
19730071115	Secure regenerative repeater (HYL-X)	1972
19730071117	Microwave integrated circuit filter and Schiffman line design	1972
19730071118	Microwave integrated circuits for lightweight array antennas. I-band MIC component design and performance in phased array antenna modules and other microwave systems	1972
19730071119	Comprehensive list of microwave tubes, addendum	1972
19730071120	Two kilowatt long life battery	1972
19730071121	Exploratory development of type 7 folding sidewall tire	1972
19730071122	Studies of silver interlayer photocathodes at 1.06 microns	1972
19730071123	Pressure losses in simple dump combustors	1972
19730071124	Admittance of slot arrays with various dielectric slab configurations	1972
19730071125	Production engineering measures for a ferrite solid state limiter protector	1972
19730071126	Production engineering measures for a ferrite solid state limiter protector	1972
19730071129	Thermal properties and Grueneisen parameters for several polymers, concretes, and composite materials	1972
19730071130	Static wind-tunnel tests of the redesigned quick strike mine	1972
19730071132	Experimental transmitting antenna modulator	1972
19730071133	Development of a digital electrical-to-fluoric transducer	1972
19730071134	Buffet dynamic loads during transonic maneuvers	1972
19730071136	High efficiency octave bandwidth traveling wave tube	1972
19730071137	Accelerated service tests of new less flammable hydraulic fluid (MIL-H-83282)	1972
19730071138	A study of a dual-mode reciprocal latching ferrite phase shifter	1972
19730071139	A developmental acoustic command link for mobile targets: Description and experimental results	1972
19730071140	First article tests of two, type MS 90321-68W, nickel-cadmium cells, manufactured by General Electric Company, under contract N00383-72-C-1556	1972
19730071142	Artificial icing tests of the T-38 aircraft	1972
19730071147	On-line mass spectrometric determination of gas constituents in gas dynamic power amplifiers	1972
19730071148	Forged and pressed parts for aviation, of titanium alloys	1972
19730071149	Polymerization of cellulose used for measuring deterioration of electrical insulating paper	1972
19730071150	Functional characteristics of TTL integrated circuit systems	1972
19730071151	Selection of lubricants for manufacture of sintered iron power products	1972
19730071156	Third generation image inverter tube	1972
19730071157	Analysis of failed solder connections on F-111 INS P/N 68678-501-21, SXG 0562	1972
19730071159	The electromagnetic pulse (EMP) and its effects on systems	1972
19730071160	Circuit and system analysis	1972
19730071161	Status of Mk 88 (Poseidon) module testing	1972
19730071163	A Monte Carlo analysis of a surface effect vehicle in a random ice field	1972
19730071166	Have Kit airborne day/night metric measurement system	1972
19730071167	New Mirage G and F series in development and production	1972
19730071168	Results of a 0.2 scale B-1 inlet verification model test at transonic and supersonic mach numbers	1972
19730071169	Third generation image inverter tube	1972
19730071171	Status of Mk 88 module qualification test	1972
19730071172	First article testing of one, type MS 90365-1, nickel-cadmium battery manufactured by gulton battery corporation under contract N00383-70-C-3625. Addendum	1972
19730071173	Status of Mk 88 (Poseidon) module testing	1972
19730071174	Matched array processing for wideband Gaussian signal	1972
19730071175	Development of IR glass for reconnaissance and surveillance	1972
19730071176	Skywave backscatter from 075 deg at Whitehouse, one year of ionograms	1972
19730071177	Sampling tests of one, type MS90447-2, nickel-cadmium battery, manufactured by Marathon Battery Company	1972
19730071178	TF30-P-412 turbofan engine, ground starting tests at extreme temperature conditions	1972
19730071179	Quite modifications, antenna transfer system (AN/BRA-24A). Supplementary report	1972
19730071180	Hovering/heavy characteristics of an inviscid, peripheral jet model	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071188	Indicator coupler, CU-1990/APO-122(V) vibration test	1972
19730071189	Afterburner simulation by an infrared slurry	1972
19730071190	Calculation of the normal radiant intensity of a BQM-34A propane IR source A/A38A-1	1972
19730071191	Exploratory development and testing of damping elastomers	1972
19730071192	Indicator coupler, CU-1990/APQ-122(V) shock test	1972
19730071193	Description of the X8-simulator (X8S)	1972
19730071194	Simple recursive program schemes and inductive assertions	1972
19730071195	Nonlinear mechanical response of real materials. 11: The mechanical properties of copper, aluminium and zinc tested in tension	1972
19730071196	Electronic frequency modulation of magnetrons	1972
19730071197	Investigations into the thermal discolouration of polyacrylonitrile. Dehydrogenation reactions of polyacrylonitrile	1972
19730071198	Life performance and stability of low noise travelling-wave tubes	1972
19730071199	Papers on surface turbulence and diffusion	1972
19730071200	Fast rise time magnetrons	1972
19730071201	C3 PAT lot verification test. Resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1972
19730071204	QU-22B electromagnetic compatibility test (Pave Eagle)	1972
19730071205	Analytical considerations in the application of image intensification to surveillance photography	1972
19730071206	High voltage technology at the beginning of the plastic age	1972
19730071207	Monopropellant hydrazine engine evaluation with Shell 405 and Shell X-4 catalysts	1972
19730071208	A summary of three rocket sled firings on the Holloman test track	1972
19730071209	C-5A category 2 aerial delivery flying qualities evaluation	1972
19730071210	Low cost, ordnance quality expendable turbine engine design	1972
19730071211	Army preliminary evaluation 1 and research and development acceptance test 1, AH-56A Cheyenne compound helicopter	1972
19730071212	Separation trajectories of modular weapon stores with various nose and tail geometries from the F-4C aircraft	1972
19730071213	Production engineering measure for subminiature, low voltage ceramic dielectric capacitors	1972
19730071214	Laser beam steering	1972
19730071215	Production engineering measure for improved reliability of metallized polycarbonate and metallized polysulfone capacitors	1972
19730071216	Chemical laser mode control program	1972
19730071217	J52-P-408 engine windmill starting characteristics	1972
19730071218	Feasibility of subjecting dc generators to a saltwater oil ingestion procedure	1972
19730071219	Sampling and life cycle costing tests of 53 production lots of types MS 18045-41 and MS 18045-42 lead acid aircraft batteries, manufactured by Teledyne, Incorporated	1972
19730071220	Modification of three, type MS18122-1, aircraft batteries for use in type H2 helicopters, Naval Air Station, Lakehurst, New Jersey	1972
19730071221	Solid propellant binders	1972
19730071222	Production engineering measure for mechanization to increase the reliability of solid tantalum capacitors	1972
19730071223	Propellant surveillance report and LGM-30 F and G stage I TP-H1011	1972
19730071224	Propellant surveillance report Minuteman 3 stage 3	1972
19730071225	Production engineering measure for low radiant power infrared sources	1972
19730071226	Production engineering measure for avalanche transit time amplifier (PEM for ADA)	1972
19730071227	Qualification status of second source for 10112836 semiconductors, special types of chopper, silicon, other, NOC	1972
19730071228	The application of information transfer techniques for solving the internal communication requirements of an advanced manned bomber, volume 1	1972
19730071229	The application of information transfer techniques for solving the internal communication requirements of an advanced manned bomber, volume 2	1972
19730071230	The application of information transfer techniques for solving the internal communication requirements of an advanced manned bomber, volume 3	1972
19730071231	Antifriction plastic materials	1972
19730071232	The Mitsubishi 60-cm trisomic wind tunnel	1972
19730071233	Bipolar/MOS high-speed divider and phase comparator for frequency synthesizer	1972
19730071234	Production engineering measure for 25mm microchannel plate, volume 2	1972
19730071235	Polymeric antifriction substances and their manufacturing process	1972
19730071237	Development of a non-linear high power ceramic capacitor	1972
19730071238	Production engineering measure for zinc anodes	1972
19730071239	Solar Collector Thermal Power System (SCTPs)	1972
19730071240	Low visibility whip antenna, MIL-R-55611 (EL)	1972
19730071241	Radar set AN/TPS-58A ET/ST	1972
19730071245	An experimental technique for measuring the differential dynamic stiffness of springs	1972
19730071246	The development of nonlinear analysis methods for bonded joints in advanced filamentary composite structures	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071247	Electrically suspended gyro navigator initial reliability investigation	1972
19730071248	Titan 2 reliability and aging surveillance Program (RASP). Phase 1: Test report on missile B-46	1972
19730071249	Titan 2 Reliability and aging surveillance program (RASP). Phase 1: Test report on missile B-93	1972
19730071250	Titan 2 reliability and aging surveillance program (RASP). Phase 1: Test report on missile B-78	1972
19730071252	Cold cathode vidicon	1972
19730071256	Automated jet engine blade inspection system	1972
19730071258	High average power injection laser illuminator	1972
19730071259	Automation of NAVCOMMSTA Norfolk: Functional description	1972
19730071260	Evaluation of 5-micron hydraulic filter elements for the AV-8 aircraft	1972
19730071263	The effect of stress ratio on high-cycle fatigue and corrosion-fatigue of 5086-H116 and 5456-H117 aluminum alloys	1972
19730071264	Category 2 FB-111A reliability and maintainability evaluation	1972
19730071265	S-band reentrant format crossed-field amplifier: High average power evaluation	1972
19730071266	An aural detection model for low flying aircraft	1972
19730071267	Long range communication test of a new H-F Modem-CODEM	1972
19730071268	Category 2 evaluation of the C-5A auxiliary power unit and fuel subsystems	1972
19730071269	Data reduction software for a differential maneuvering	1972
19730071270	Deuteration of fluids for naval aircraft. Lubricant properties of a deuterium modified synthetic hydrocarbon fluid and grease	1972
19730071271	Effect of some metallurgical variations on uni-directional loading of case-carburized hardened components	1972
19730071272	Investigation of electronically tuned filters with voltage variable capacitance diodes	1972
19730071273	C3 PAT lot verification test. Resistors, fixed, metal film, precision, molded or dipped, .10 - .125 watt	1972
19730071274	C3 lot verification test. Semiconductor, special type of, field effect, silicon, planar epitaxial	1972
19730071276	C3 lot verification test. Semiconductors, special types of field effect, silicon, planar epitaxial	1972
19730071277	C3 lot verification test. Semiconductors, special types of, field effect, silicon, planar epitaxial	1972
19730071279	C3 PAT lot verification test. Resistors, fixed, wirewound NOC, molded or dipped, 2-10 watts	1972
19730071280	C3 lot verification test. Semiconductor, special types of, matched, silicon, planar, epitaxial	1972
19730071281	C3 PAT lot verification test. Resistor, fixed, wirewound, NOC, molded or dipped, .50 - 1.0 watt	1972
19730071282	C3 lot verification test. Semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19730071287	Brassboard acquisition and tracking requirements study	1972
19730071288	Production engineering measure for design and manufacture of plastic optics for goggles	1972
19730071290	Development of automated pad relocation LSI, phase 3	1972
19730071291	Signal processing test facility, phase 1, volume 1	1972
19730071292	Signal processing test facility, phase 1. Volume 2: Appendixes	1972
19730071293	An analytical study of wideband length measurement	1972
19730071294	Simplification procedures for ABC ALGOL	1972
19730071295	On static scope checking in ALGOL 68	1972
19730071296	DOL-languages and a feasible solution for a word problem	1972
19730071297	PDP-11 simulation and performance monitoring	1972
19730071299	Overload capability of Harrier type aircraft on sea control ships and other future aviation type vessels	1972
19730071300	Pershing	1972
19730071301	Synchro-to-digital digital-to-synchro modular converters	1972
19730071302	Dual mode sensor development and optimization proximity focus silicon vidicon development program, phase 2	1972
19730071303	Space laser design	1972
19730071304	A manufacturing process for TD cobalt nickel chromium sheet	1972
19730071305	Scout S-177C	1972
19730071306	Scout S-183C	1972
19730071307	Hyper'jet': The plane of the coming decades	1972
19730071308	PT pilot's computer, air navigation, true airspeed	1972
19730071309	Production engineering measure for hybrid quartz filters 10 MHz to 30 MHz	1972
19730071310	Velocity capability of the Symphonie apogee-engine-system with blow down operation	1972
19730071311	Terrain following controller flight test	1972
19730071312	ECM/ECCM evaluation program. Volume 10: Computer sizing for HAPDAR and benchmark investigation	1972
19730071317	Production engineering measure for improved reliability of mica transmitter capacitors	1972
19730071318	LIDAR atmospheric probe	1972
19730071319	C3 PAT lot verification test. Resistors, fixed, wirewound, NOC, molded or dipped, .50 - 1.0 watt	1972
19730071322	C3 PAT lot verification test. Transformers, audio frequency, enclosed, audio frequency, NOC	1972
19730071324	DREV rocket motor data acquisition techniques: Conversion from analog to digital recording system	1972
19730071325	UHF command/satellite transceiver AN/ARC-152(V)	1972
19730071326	Electronic stabilization hardware for phased array antenna	1972
19730071327	Naval Ordnance Laboratory amorphous semiconductor memory reliability program	1972
19730071328	Structural test plan, service life extension test program arresting and catapult holdback loads, model A4F aircraft	1972
19730071329	Micro-analyzer support	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071330	Preparation and characterization of polycrystalline halides for use in high power laser windows	1972
19730071331	Wideband data downlink study	1972
19730071332	Production engineering measure for S and C band injected beam crossed field amplifiers employing ceramic mounted slow wave structure	1972
19730071334	Production engineering measure for optical integrators optical windows and projection lenses for laser diode arrays	1972
19730071335	Indicator coupler, CU-1990/APQ-122(5) temperature-altitude test	1972
19730071336	Results for the transition region in the hypersonic boundary layer	1972
19730071338	Marine Corps fuel systems (1975 -1985)	1972
19730071340	Ultraviolet spectrum and reactions of the HO ₂ radical in thermal decomposition of H ₂ O ₂	1972
19730071341	Multiwheel landing gear/soil interaction, phase 3. Braked wheel sinkage prediction technique and computer program	1972
19730071342	Aquaplaning. The phenomenon and the problem	1972
19730071343	Powder metallurgy production of structural shapes	1972
19730071344	Scout launch vehicle	1972
19730071346	Short-round chaffroc motor mark 73 mod safety characterization	1972
19730071347	Effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 11: Adhesive bonding of 5052-H34 aluminum	1972
19730071348	Evaluation of the adhesive bonding processes used in helicopter manufacture. Part 5: Degradation studies in bonded sandwich panels	1972
19730071350	Production engineering measure for 25 mm microchannel plate, volume 1	1972
19730071351	TACAMO 4B program engineering report, volume 6	1972
19730071352	Attack helicopter: Daylight defense (USACDEC experiment 43.6). Volume 2: Data package	1972
19730071353	Dynamic response of composite materials. Volume 1: Technical discussion	1972
19730071354	Measured temperatures of solid rocket motors dump stored in the tropics and desert. Part 1: Discussion and results	1972
19730071355	Gulf of Alaska sonar tests: April - August 1971. Volume 2: STD/SV, SVTP; and XBT data report	1972
19730071356	Parametric study of Advanced Forward Area Air Defense weapon System (AFAADS). Volume 2: Simulation models, supplement	1972
19730071358	A shock tube investigation of the loading and response of an experimental missile nose cone, volume 1, appendix A	1972
19730071359	A shock tube investigation of the loading and response of an experimental missile nose cone, volume 1, appendix B	1972
19730071360	A shock tube investigation of the loading and response of an experimental missile nose cone, volume 1, appendix C	1972
19730071361	A shock tube investigation of the loading and response of an experimental missile nose cone, volume 1, appendix D	1972
19730071362	A shock tube investigation of the loading and response of an experimental missile nose cone, volume 1, appendix E	1972
19730071363	A shock tube investigation of the loading and response of an experimental missile nose cone, volume 1, appendix F	1972
19730071364	A shock tube investigation of the loading and response of an experimental missile nose cone, volume 1, appendix G	1972
19730071367	C-5A category 1/2 engineering flight test performance test results, volume 1	1972
19730071368	C-5A category 1 engineering flight test. Automatic flight control system test results. Volume 1: Basic autopilot, August 1969 - July 1971	1972
19730071384	Investigations conducted under the analytical rework and maintenance engineering support programs	1972
19730071388	A statistical approach to predicting the mechanical behavior of composite materials	1972
19730071389	Production engineering measure on gating transistors	1972
19730071392	Mk82 ballute retarder system	1972
19730071397	Development of a radiation hardened operational amplifier	1972
19730071402	HF and VHF antenna system study for an LSD/LPD new ship design concept	1972
19730071404	Thermoelectric power source PP-6075(/)U	1972
19730071410	Production engineering measure of a very high current, high speed pulser silicon controlled rectifier	1972
19730071418	The effect of thermal and current exposures on the extent of damage to soldered connections	1972
19730071421	Preliminary report on the Trailblazer 2 chemical alleviation flight of 28 July 1972	1972
19730071422	Electro-interference test report for the wing V distribution box, figure A 1337	1972
19730071423	Monitor control console program	1972
19730071425	TF34-GE-2 engine components qualification, anti-icing valve stimulated operational tests	1972
19730071428	General surveillance of the Mk 87 Mod 0 delay cartridge terrier	1972
19730071430	New telemeter type optical electronic distance meters	1972
19730071432	A brief application study of the setafash tester	1972
19730071433	The preparation and investigation of phosphors suitable for use in solid state emitting devices	1972
19730071434	Ringing inverters for battery charging	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071435	Mechanics of impact and crack propagation. Phase 2: Further development of ballistic impact models with through cracks	1972
19730071437	Some problems in IRLS noise pattern identification	1972
19730071438	Training effectiveness evaluation of naval training devices: An evaluation of the 2F69B ASW weapon system trainer	1972
19730071440	Production engineering measure for digital electronic fuze timer XM587E2	1972
19730071446	Special device development. VX.9263-CP752 1/67. 1 in. dual gun electrical signal storage tube	1972
19730071447	C/X band low noise bipolar transistor	1972
19730071448	The compatibility of epoxy resins with explosives	1972
19730071450	Depth distribution of energy deposition by ion bombardment	1972
19730071451	A ground-lightning environment for engineering usage	1972
19730071453	Calculation of physical properties of diatomic molecules	1972
19730071454	Production quality assurance testing of a Minuteman 3 LGM-30g stage 2 rocket motor at simulated pressure altitude motor S/m PQA6-57	1972
19730071455	Dielectric charging by electron beams, CP2132/69	1972
19730071456	Investigation of dielectric optical coatings for lasers	1972
19730071457	Development of a high resolution negative photoresist	1972
19730071459	Spectrophotometrics and interpretation of results obtained in camouflage with infra-red colors	1972
19730071460	Using the laser for environmental pollution control	1972
19730071462	Initial production test of radio teletypewriter modem MD-522A/GRC	1972
19730071464	Feasibility test of a mechanical free fall sensor	1972
19730071465	Design optimization and performance prediction of a shorebased aircraft recovery system by mathematical model computer simulation. Proposal no. 3. Tape stack system	1972
19730071467	Program of research in acoustics	1972
19730071472	Research on materials for advanced electronic and aerospace application	1972
19730071487	Interdisciplinary research concerning the nature and properties of ceramic materials	1972
19730071523	Military high Mach exhaust system design philosophy	1972
19730071525	Blockage study of a 1/16 scale B-1 inlet model in the 1-ft transonic and supersonic tunnels of the propulsion wind tunnel facility	1972
19730071526	An optimized approach to advanced design of operational air-breathing jet engines	1972
19730071527	Theoretical and experimental study of the coexistence of two flows in a channel of constant area	1972
19730071528	Study of ultrasonic propagation in thin plates	1972
19730071529	C3 lot verification test. Semiconductor, transistor, power, silicon, n-r-n, planar, metal can	1972
19730071530	C3 PAT lot verification test. Resistor, fixed, metal film, precision, molded or dipped, .125 - .25 watt	1972
19730071531	C3 lot verification test. Semiconductor, transistor, general purpose, silicon, p-n-p, planar, metal can	1972
19730071532	C3 lot verification test. Semiconductor, special types of, matched, silicon, planar epitaxial	1972
19730071535	The theory of laser technology	1972
19730071536	Bond line inspection probe for rubber-steel composites	1972
19730071537	Cermets as material for thermionic emitters with special regard to barium	1972
19730071538	The French-German Research Institute, Saint-Louis	1972
19730071542	Semiconductor strain gages and their application in measuring technology	1972
19730071546	Microcircuit, linear, current amplifier	1972
19730071547	Wear processes and quality evaluation of the surface layer of motor vehicle parts, part 2	1972
19730071548	Measuring of distances with double image distance meter Zeiss dimess 002 with vertical rod	1972
19730071549	Effect of the Mark 56 dual thrust rocket motor exhauston the Mark 3 Mod 0 jettisoning unit	1972
19730071550	Oxygen regulator (MD-1) time change study for F-4 and F-101 aircraft	1972
19730071551	Evaluation of an improved magnification device for airborne forward air controllers (FACS)	1972
19730071554	Mighty Mouse experiment report	1972
19730071555	Preliminary testing of a subliming solid gas generator concept	1972
19730071558	Digital change detection analysis. Volume 1: Spatial and photometric distortions in radiographs	1972
19730071559	Numerical model for drift tube analysis	1972
19730071564	Tests of aircraft engine fuel system components with a Jet A base gelled fuel	1972
19730071566	Production engineering for growth of synthetic calcite polarizer material	1972
19730071567	Space communications, division 6	1972
19730071568	Space laser design	1972
19730071569	Reception of sanguine test transmissions 1972, addendum	1972
19730071570	The largest ring in gravity terrain corrections for geophysical prospecting	1972
19730071571	Experimental investigation of aircraft arresting-gear	1972
19730071572	The application of a cleavage fracture model to the fracture energy transition in a low alloy steel	1972
19730071573	The preparation of ultra high purity indium	1972
19730071576	Production engineering measure for mechanized production and test equipment for time setting potentiometers (cermet and conductive plastic)	1972
19730071577	DSCS-2 transponder simulation and operational evaluation study	1972
19730071578	One hop data communications subsystem	1972
19730071579	Compatibility test of the LAU-68/A rocket launcher with the F-4 aircraft inboard pylons (Seek Eagle)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071580	Sting and strut support interference effects on a cylindrical model with an ogive nose at Mach numbers from 0.7 to 1.4	1972
19730071581	Production quality assurance testing of a Thiokol Minuteman LGM-30G Stage 3 rocket motor at simulated pressure altitude, motor PQA-11	1972
19730071582	Aging and surveillance testing of a Minuteman LGM-30F stage 3 motor at simulated pressure altitude motor S/N0032993	1972
19730071583	System 621B user equipment definition	1972
19730071584	Value engineered radio set AN/ARC-145 selected life cycle cost analysis source data	1972
19730071585	Multiple access to communication satellites in time multiplex: Present state and future development	1972
19730071586	Solar Collector Thermal Power System (SCTPS)	1972
19730071587	Development of non-melt deposition techniques for optical coating for reconnaissance	1972
19730071588	Propellant surveillance report, LGM-30A and B. stage 1, TP-H1011	1972
19730071589	Propellant test report, LGM-30A and B, stage 2, phase 6, series 2	1972
19730071590	Characteristics of some passive logic fluid elements	1972
19730071591	Evaluation of type LM105 microelectronic circuits manufactured by Intersil (date code 7125) second source for SCN 310109 microelectronic circuit, voltage regulator, monolithic circuit, metal can	1972
19730071592	Evaluation of type LM105 microelectronic circuits manufactured by AMD (date code 7115) second source for SCN 310109 microelectronic circuit, voltage regulator, monolithic circuit, metal can	1972
19730071593	Tri-service laser range instrumentation	1972
19730071594	Production engineering measure for zinc/air primary batteries	1972
19730071595	OT and E of the 407L-equipped Control and Reporting Center/Control and Reporting Post (CRC/CRP)	1972
19730071598	The ARMIDOP/ZERO-DOP positioning technique (U)	1972
19730071599	Integral rocket-ramjet component evaluation test. Ramjet combustor performance (U)	1972
19730071600	Adhesion of rubber to steel (U)	1972
19730071601	The effects of time varying navigation system errors on passive target motion analysis (U)	1972
19730071602	Comparison of wide aperture and conventional angle tracking (U)	1972
19730071604	Angle Rate Tracker Laboratory and sled test program (U)	1972
19730071605	Nozzleless rocket motor test program (U)	1972
19730071608	Hydrogen fluoride laser technology study (U)	1972
19730071610	Summary of aircraft vulnerability analysis methodology and vulnerability data as applied to several Army helicopters (U)	1972
19730071620	Fire-safe fuels (U)	1972
19730071621	Analysis of helicopter response to nuclear blast. Volume 3: Example application (U)	1972
19730071625	Performance analysis of request for proposal status F401-PW-400 engine using Navy engine performance computer program (U)	1972
19730071626	NATO Seasparrow folding wing (RIM-7H) (U)	1972
19730071627	Environmental-acoustics atlas of the Caribbean Sea and Gulf of Mexico. Volume 1: Marine acoustics (U)	1972
19730071631	A wind tunnel investigation of the aerodynamic effects on photographic resolution for various optical parameters at Mach numbers from 0.70 to 1.20 (U)	1972
19730071632	Tactical information processing and interpretation system/tactical ground sensor system integration (U)	1972
19730071633	PCDE propellant studies (U)	1972
19730071634	Development of HTPB propellants for air launched missiles (U)	1972
19730071637	Experimental investigation of ramburner performance. Part 2: Solid propellant runs (U)	1972
19730071639	F-14 development monitor (U)	1972
19730071640	Aerodynamic characteristics of the HM131 missile at subsonic and transonic speeds and angles of attack up to 185 deg (U)	1972
19730071642	Conduct an operational evaluation of the AN/AQS-13B helicopter sonar system (U)	1972
19730071643	Interim surface to surface missile capability (ISSMC) (U)	1972
19730071645	Analysis and integration of automated target report correlation executive summary (U)	1972
19730071646	Propulsion nuclear survivability (U)	1972
19730071651	Propagation of CO2 laser (10.6 microns) induced pressure transients in water (U)	1972
19730071654	Vulnerability of the AH-56A compound helicopter to impacting projectiles, missiles, and steel fragments and to external blast (U)	1972
19730071658	Vulnerability of the UH-1H helicopter to impacting projectiles, missiles, and steel fragments and to external blast (U)	1972
19730071663	Instrumentation requirements of Navy training range facilities. Volume 2: Electronic warfare training in support of air-to-ground delivery (U)	1972
19730071664	Broadband radar absorber materials (U)	1972
19730071668	Expendable microwave jammers (U)	1972
19730071669	Evaluation of MBT-70 laser sighting system (U)	1972
19730071677	FM/CW backscattering analysis (U)	1972
19730071702	Anti air systems (U)	1972
19730071706	SAC OT and E final report FB-111A category 3 testing. Volume 1: Operations (U)	1972
19730071710	Neutral winds and the motion of large ion clouds (U)	1972
19730071711	Barium release data study (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071722	Competitive evaluation of the tactical utility to fleet commanders of two imaging sensor systems (U)	1972
19730071743	A theoretical study of clutter discrimination techniques. Volume 2: Appendices to final report (U)	1972
19730071744	Electromagnetic harmonic detection (U)	1972
19730071751	Airborne warning and control system phased array study. Volume 1: Executive summary (U)	1972
19730071756	Signal Intelligence Analysis System (SIAS) (U)	1972
19730071761	Electromagnetic compatibility analysis of moving target locator radar, AV/TPS-58 (U)	1972
19730071777	Scattering model development (U)	1972
19730071795	Phased array radar. Volume 2: Technical (U)	1972
19730071801	Secede 2 RF experiments, data analysis, and interpretation, sphere-track, beacon, and incoherent scatter (U)	1972
19730071808	Protective coatings for IR emission controlled surfaces (U)	1972
19730071810	Phased array radar. Volume 1: Executive summary (U)	1972
19730071812	Heavy Attack/Reconnaissance Drone (HARD) guidance analysis (U)	1972
19730071820	Project SECEDE - a review (U)	1972
19730071823	HAVE LORE (U)	1972
19730071824	Static stability and drag characteristics of a SAMSO-McDonnell Douglas Advanced Control Experiment (ACE) vehicle at Mach numbers 12, 15, and 16 (U)	1972
19730071825	Heat-transfer and pressure tests on the SAMSO-McDonnell Douglas Advanced Control Experiment (ACE) vehicle at Mach numbers 8, 11, and 14.5 (U)	1972
19730071834	An organic fiber/epoxy filament wound vessel for cryogenic propellants	1972
19730071836	Studies in planetology, including the collection and interpretation of planetary information	1972
19730071840	Radiative transfer in realistic planetary atmospheres	1972
19730071864	AADC arithmetic and control logic design study. Part 3: Preliminary programmers reference manual	1972
19730071866	Design study of a diffraction limited orbital telescope	1972
19730071867	Application of digital computer techniques to rectification and enhancement of astronomical images	1972
19730071868	Unsteady compressible potential flow around lifting bodies having arbitrary shapes and motions	1972
19730071869	The stability of motion of satellites with long flexible appendages	1972
19730071872	Production of uniform nickel cadmium battery plate materials	1972
19730071880	Apollo spacecraft weight status summary	1972
19730071889	Vehicle assembly building modifications for space shuttle (preliminary)	1972
19730071919	Electrooptical modulator, volume 2	1972
19730071920	Micron analysis. Volume 2: MESGA drift model	1972
19730071921	V/STOL dynamics and aeroelastic rotor: Airframe technology. Volume 2: Description and correlation of new methodologies	1972
19730071923	Device applications of cryogenics. Part 2: Naval applications of superconducting devices	1972
19730071924	RADC accomplishments FY-72, volume 2	1972
19730071925	Abstracts of AF Materials Laboratory reports, 1 January - 31 December 1971	1972
19730071926	High powered charging device flight and fit test	1972
19730071928	Life cycle reliability programs for rocket motors of US Army Missile Systems	1972
19730071929	Radius of the spherical Bouguer plate with use of the customary plane Bouguer factor 0.0419 MGAL/M	1972
19730071930	Journal of the Geodetic Society of Japan	1972
19730071931	Concept definition for 155mm ANSSR artillery system	1972
19730071932	On topographic, geologic, and isostatic corrections	1972
19730071933	Fluid film sealing (space applications) (sealing systems for large rocket engines)	1972
19730071934	Aerodynamic configuration and component definition study	1972
19730071937	Pyroelectric/integrated circuit infrared imaging array development	1972
19730071940	Is your control of standards relevant to product testing/performance?	1972
19730071942	Gamma umlaut simulation capabilities	1972
19730071943	Evaluation of the EG/G model 580/585 spectroradiometer as a narrow - bandpass spectrum analyzer	1972
19730071945	Evaluation of the OH-58A helicopter with an Allison 250-C20 engine	1972
19730071946	Bistable conducting materials	1972
19730071947	Tracking by aerial photography	1972
19730071948	A function level commonality analysis of the F-4/F-14 NFO positions	1972
19730071950	Effect of the location of the hemispherical nose-shroud junction of the aerodynamic drag and static stability of the Mine Mk 25 with the Fairing Mk 22 Mod 0	1972
19730071954	The United Kingdom standard of microwave power measurement in Waveguide 16 and international intercomparisons	1972
19730071958	Flutter analysis and recommended testing of the f-4/c/d/e aircraft carrying Mk 84 or Mk 82 bombs on the outboard wing stations	1972
19730071959	Development of large diameter high chamber pressure throat insert materials, volume 1	1972
19730071960	Development of large diameter high chamber pressure throat insert materials, volume 2	1972
19730071962	Initial production test of sprayer, insecticide, aircraft mounted	1972
19730071963	Analysis of helicopter response to nuclear blast. Volume 1: Analytical formulations	1972
19730071964	Analysis of helicopter response to nuclear blast. Volume 2: Computer program description	1972
19730071968	Manufacturing methods and technology measure for nickel-zinc secondary batteries	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071970	Life test of mercury batteries	1972
19730071976	III-V photocathode development	1972
19730071977	III-V photocathode development	1972
19730071979	Grove regulator, dome loaded, VPN 11285H12259A, industrial water system	1972
19730071981	Metallurgical evaluation of impeller shaft sleeves from FIREX and industrial water pumps	1972
19730071983	Electrostatic testing of spacecraft ordnance coveralls	1972
19730071984	Flammability testing of PPG 'Foamglas' coated with various coatings	1972
19730071985	Electrostatic evaluation of plastic films	1972
19730071986	Electrostatic evaluation of plastic films	1972
19730071990	Calculation of pressure, shear and flow in lubricating films for high speed bearing	1972
19730071996	Assembly and operation of the HIC pulser	1972
19730071997	Joint Army Navy air crew impact prevention program	1972
19730072003	Human factors engineering investigation of Mod 7.0/P3C sensor stations number 1 and 2 configurations	1972
19730072004	Production engineering measure for mechanized production and test equipment for ceramic chip capacitors	1972
19730072006	Interactive computer program for the calculation of the center-of-mass and moments of inertia of axially symmetric finned projectiles	1972
19730072009	Effect of cryogenic temperatures on the performance of selected explosives	1972
19730072010	Test evaluation report tow weapon system qualification test program for the XM-70 training set blast simulators	1972
19730072015	Ballute stabilization for various munition configurations, book 1	1972
19730072018	Monolithic millimetre microwave sources	1972
19730072019	GaAs lasers for optical fibre systems	1972
19730072020	Alternating current gas discharge matrix panel	1972
19730072021	Freon cooled GaAs laser	1972
19730072022	Improved Impatt oscillators using new GaAs technology	1972
19730072023	Deposition of polycrystalline silicon	1972
19730072024	Canadian upper air data. Monthly bulletin, October 1972	1972
19730072025	Meteorological observations in Canada, Monthly record, July 1972	1972
19730072027	The bi-canonical systems	1972
19730072028	NRA subsystem evaluation test report 4.3.3.16, Remote Data Change, RDC fault conditions	1972
19730072029	Broadband semitransparent photocathode development	1972
19730072032	Ballute stabilization for various munition configurations, book 2	1972
19730072035	High-voltage relay	1972
19730072037	NRA subsystem evaluation test report 4.3.3.15. Remote data change, monitoring LCF function	1972
19730072040	Minimizing the effects of electrical noise	1972
19730072043	Microcircuit hybrid, driver, 2 state	1972
19730072046	An investigation of the feasibility of welding high strength steels by the sliding seal electron beam welding process	1972
19730072048	Optimum current pulse for deperming	1972
19730072050	Safety-maximized Zuni igniter	1972
19730072052	Survey of Navy user needs for human reliability models and data	1972
19730072057	Hydrofoil high-speed towed System: Trial Evaluation. Part 1: Summary and data	1972
19730072058	Hydrofoil high-speed towed system: Trial evaluation. Part 2: System description and operational critique	1972
19730072059	Hydrofoil high-speed towed system: Trial evaluation. Part 3: Towline hydrodynamic performance	1972
19730072060	Hydrofoil high-speed towed system: Trial evaluation. Part 4: Depressor hydrodynamic performance	1972
19730072061	Hydrofoil high-speed towed System: Trial evaluation. Part 5: Towed-system computer simulation correlation	1972
19730072062	Interhalogen handbook. Addendum 1: Dynamic compatibility of chlorine pentafluoride with metals	1972
19730072063	Preliminary standard heat flux data for the evaluation of flame and incendiary agents and bomblets	1972
19730072064	A predictive model of the human operator in the Vulcan Air Defense System (GADES 4-6)	1972
19730072065	Analysis of frictionally excited, torsional vibrations of a propulsion system	1972
19730072067	Neutron detector system	1972
19730072068	The principles involved in the measurement of bottom loss	1972
19730072073	Modular weapon system aerodynamic configuration and component definition study	1972
19730072075	Evaluation of ziral alloy for Navy safety tools	1972
19730072077	The design, development and manufacture of the Walleye 2 mobile missile maintenance facility	1972
19730072084	Rod penetrator normal residual mass model	1972
19730072085	Diode, Zener, JAN 1N283iB. Measurement of TCBV per MIL-S-19500 and MIL-STD-750, method 4071	1972
19730072086	Light turbine helicopter DO-132	1972
19730072089	Resistor, fixed, metallic film, precision, metal encased	1972
19730072091	Crystal, quartz, cold weld, environmental evaluation test	1972
19730072092	Qualification status of Erie for 10181723	1972
19730072096	NRA subsystem evaluation test report 4.3.2.4. Line monitoring, seize, and message detection	1972
19730072097	Qualification status of TI for 11241871	1972
19730072098	Qualification status of Cambridge Tool-and Manufacturing Company for 11215107	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072099	Inspection criteria of elastomeric parts	1972
19730072100	Materials evaluation dielectric strength 13.8 kV feeder cables	1972
19730072101	Failure analysis of 3 each Kemp aero double solenoid valves, VPN K402016-3	1972
19730072102	Malfunction investigation: Vacuum probe consolidated vacuum VPN GTC-005	1972
19730072103	Circle seal check value, VPN 279T1-8NN. Inadequate flow below 100 psig	1972
19730072104	Tests for shelf life extension of several materials from central supply stock	1972
19730072105	Test for shelf life extension of several material from central supply stock	1972
19730072106	Tests for shelf life extension of materials from central supply stock	1972
19730072107	Tests for shelf life extension of materials from central supply stock	1972
19730072108	Quality assurance briefs	1972
19730072110	Helicopter engine and gearbox bearing studies	1972
19730072112	Production engineering measure for subminiature, low voltage ceramic dielectric capacitors	1972
19730072115	AADC arithmetic and control logic design study, Part 1	1972
19730072116	AADC arithmetic and control logic design study, part 2	1972
19730072117	Thermo-optical effects of high energy laser beams	1972
19730072120	Category 2 test report for weatherplotter sets transmitting, AN/GMT-3 and receiving, AN/GMH-5	1972
19730072132	Qualification test of two hundred (200) transistors	1972
19730072138	Surface attack guided missile (SAGMI) loads analyses	1972
19730072139	Laser illuminated aircraft imagery	1972
19730072140	An investigation of fast switching, wideband, microwave frequency synthesizer techniques	1972
19730072148	Qualification test of 150 capacitors P/N 2602180, revision A	1972
19730072149	Establishment of a manufacturing process for thin walled conical beryllium structures involving hot isostatic pressing	1972
19730072151	Production engineering of Nd:YAG laser illumination transmitters	1972
19730072152	Grease-lubricated helicopter transmissions	1972
19730072153	Air cushion landing system CC-115 aircraft	1972
19730072154	Receiver and signal discrimination technology survey, phase 1	1972
19730072155	Design considerations for sonar power amplifiers	1972
19730072167	Development of rotary-reciprocating cryogenic refrigerator for space applications	1972
19730072168	Flueric safing and arming of selected ammunition	1972
19730072170	Some geometric qualitates used in military infrared technology	1972
19730072172	An extreme pressure, antiwear grease for transmission lubrication	1972
19730072174	C3 PAT lot verification test. Transformers, audio frequency, enclosed, NOC	1972
19730072180	Qualification tests of two, type BB-/638/A batteries	1972
19730072181	Determination of acoustic parameters using normal mode theory	1972
19730072182	The countermeasures airborne infrared (CAIR) lamp testing program	1972
19730072183	Check test of C-5A aircraft with aerial delivery kit	1972
19730072187	Multiple spacecraft dispenser study	1972
19730072188	Gravimetric investigations in the Eastern Alps. 1: Survey area Mittenwald-Insbruck-Verona	1972
19730072191	C3 lot verification test. Semiconductor, special types of, field effect, silicon, planar epitaxial	1972
19730072192	Instrument safety standards study for melt-pour plants. Volume 2: Recommended Instrument Safety Guide (rISG) for melt pour plants	1972
19730072193	Quality assurance briefs	1972
19730072195	Shock damage analysis of a three span beam	1972
19730072196	Index of spectrum signature data	1972
19730072198	Propulsion system installation corrections. Volume 1: Engineers manual	1972
19730072199	Propulsion system installation corrections. Volume 2: Programers manual	1972
19730072200	Propulsion system installation corrections. Volume 3: Sample cases	1972
19730072201	Propulsion system installation corrections. Volume 4: Bookkeeping definition data correlations	1972
19730072202	Production engineering measure for avalanche transit time amplifier PEM for ada	1972
19730072209	Advanced aircraft avionics requirements study. Volume 2: Technical appendices (U)	1972
19730072218	The effects of subthermocline ducts on the propagation of sound (U)	1972
19730072219	Flight test of AN/ASN-101 (U)	1972
19730072220	Synthetic aperture dual frequency radar (SADFRAD) signal processor (U)	1972
19730072222	ST9 1500-SHP demonstrator engine follow-on program. Volume 1: Design and test results (U)	1972
19730072226	Exploitation analysis for advanced reconnaissance sensor systems (U)	1972
19730072227	Vulnerability of the AH-1G helicopter to impacting projectiles, missiles, and steel fragments and to external blast (U)	1972
19730072228	Design concept for the defense navigation satellite system (U)	1972
19730072229	Optical jammer sources (U)	1972
19730072231	Vulnerability of a small turbojet engine (U)	1972
19730072233	Advanced radar flight test analysis. Results of a simulation of the dbs/sasm mode of the digital Doppler signal processor (U)	1972
19730072236	Vulnerability of the CH-47C helicopter to impacting projectiles, missiles, and steel fragments and to external blast (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072238	End burning technology program for application in air launched motors (U)	1972
19730072240	Properties of photodetectors (photodetector series, 89th report) (U)	1972
19730072242	Conduct an operational appraisal of the AN/SPS-10F radar's VCS (Video Clutter Suppressor) and ITA (Incoming Target Alarm) (U)	1972
19730072246	Applied ignition research on exothermic compounds (U)	1972
19730072249	AGM-65A European adverse weather test (U)	1972
19730072250	Highlights from the independent programs of the Naval Ordnance Laboratory for fiscal year 1972 (U)	1972
19730072251	Antibomb, rocket and mortar system (ABRAMS) missile concept analysis (U)	1972
19730072253	ECCM for manpack and mobile communications, volume 1 (U)	1972
19730072254	ECCM for manpack and mobile communications, volume 2 (U)	1972
19730072256	Analysis of the echo reception performance of a towed line array utilized with an AN/SQS-26 sonar (U)	1972
19730072257	On-line target extraction study (remote recorder program) (U)	1972
19730072258	Development and delivery of wafer diode image tubes (U)	1972
19730072259	Production engineering measure for a 25mm fiber optic image inverter plate (U)	1972
19730072260	SAM-D engineering development status. Volume 2: Engineering/operations (U)	1972
19730072263	Analysis of combat damage on UH-1D/H helicopters in Vietnam in 1967 (U)	1972
19730072275	Vulnerability of the OH-58A helicopter to impacting projectiles, missiles, and steel fragments and to external blast (U)	1972
19730072280	Real time image enhancement (U)	1972
19730072290	A survey of current sonar range prediction models (U)	1972
19730072291	Analysis of a thrust augmented VTOL aircraft. Volume 2: Analyses, part 1 (U)	1972
19730072297	Radiometer analyses (U)	1972
19730072301	Analysis of a thrust augmented VTOL aircraft. Volume 1: Summary (U)	1972
19730072305	Binary Process Electromagnetic Surveillance System (BPSS 4) (U)	1972
19730072329	Atmospheric modeling. Volume 1: High altitude (U)	1972
19730072332	C-1 diol: Development of a second source (U)	1972
19730072333	Development of microchannel plates with improved characteristics (U)	1972
19730072338	High temperature combustor/turbine program (U)	1972
19730072344	Surveillance of sparrow AIM-7E/E-2 rocket motors MK 38 Mods 0, 1, 2, 3, and 4 and igniter Mk 265 Mod 0 (U)	1972
19730072364	An investigation of the capabilities of several hull forms as alternate-mission aviation ships (U)	1972
19730072368	Technology of image tubes using III-V compound photocathodes (U)	1972
19730072369	Improved transmission type photo and secondary emitters using 3-5 compounds (U)	1972
19730072370	Investigation of properties of 3-5 photocathodes in proximity-focused image tubes (U)	1972
19730072371	Investigation of properties of 3-5 photocathodes in proximity-focused image tubes (U)	1972
19730072372	Investigation of properties of 3-5 photocathodes in proximity-focused image tubes (U)	1972
19730072375	Performance assessment of an aided navigation system for drone reconnaissance missions (U)	1972
19730072387	Stabilization and data processing error analysis for a passive interferometer surveillance system. Volume 2: Analysis (U)	1972
19730072388	Stabilization and data processing error analyses for a passive interferometer surveillance system. Volume 1: Summary and conclusions (U)	1972
19730072389	FASOR 2 data report, forward area sonar research program, January July 1966, north and western Pacific Ocean (U)	1972
19730072390	Comparison of generic launch systems for shipboard guided missiles, 1985 - 1992 (U)	1972
19730072393	Investigation of torque generated by fluted rocket nozzles (U)	1972
19730072396	Vulnerability of the OH-6A helicopter to impacting projectiles, missiles, and steel fragments and to external blast (U)	1972
19730072397	Vulnerability of the CH-54A helicopter to impacting projectiles, missiles, and steel fragments and to external blast (U)	1972
19730072399	Considerations of attack helicopter survivability (U)	1972
19730072400	Superconducting MAD systems development experimental program (U)	1972
19730072409	Slit scan improvements analysis and simulation (U)	1972
19730072410	Program GUTS: Aerodynamic interceptor guidance and tracking simulation with nuclear blackout (U)	1972
19730072413	Advanced inertial-sensor techniques. Volume 3: Radar motion compensation (U)	1972
19730072417	Walleye 2 data link (U)	1972
19730072438	Analysis of barium clouds, volume 2 (U)	1972
19730072453	Application and effectiveness analyses of Agile-concept missile configurations (U)	1972
19730072470	Airborne warning and control system phased array study. Volume 2: Technical report (U)	1972
19730072482	An infrared radiation signature analysis of the BQM-34F supersonic target and a wingtip infrared augmentation system (U)	1972
19730072499	Development of AWG-9/TRISAT interface (U)	1972
19730072523	Preliminary description of radar subsystem for ATCS (U)	1972
19730072540	Explosion pressure absorption with a metal foam	1972
19730072541	Performance of metal foam as a flame arrester when fitted to gas explosion relief vents	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072542	Data record of volume scattering strength measurements in the north-east Pacific Ocean: Integrated scattering strengths between Vancouver Island and Hawaii in January	1972
19730072543	Readout mosaics	1972
19730072550	Flammability test of Monarch carpet. Chamblee, Georgia	1972
19730072551	Evaluation of beryllia ceramics for electronic applications	1972
19730072552	MIST computer reference manual	1972
19730072553	The use of interceptor cine-film to estimate miss distances in air-to-air combat	1972
19730072554	ARC instabilities in hydrogen thyratrons	1972
19730072555	Feasibility study of a sensitive ultrasonic image converter	1972
19730072557	Tracked Hovercraft Limited, research test vehicles data acquisition and instrumentation systems	1972
19730072558	Charge coupled MOS integrated circuits	1972
19730072559	Fabrication of MOS integrated circuits by ion implantation	1972
19730072560	Qualification test report, Leach Corporation relay GD2A-011	1972
19730072561	Two each Anderson Greenwood relief valves, vpn 28038 serial no. 20452 and 20186	1972
19730072562	Identification of Rutowski-type paths for turning flight. Volume 2: Spot program manual	1972
19730072569	Radiation pyrometer for gas turbine blades	1972
19730072573	Lifting-surface theory for a rotating blade row. Part 2: Transonic blade row	1972
19730072575	Development, 1.06 micron image intensifier tube development	1972
19730072576	Broadband semitransparent photocathode development	1972
19730072577	Pilot risk analysis of the NODLR-IR development program, volume 1	1972
19730072585	Velocity vector sensor assembly	1972
19730072588	Development of a plastic material for packages	1972
19730072595	Graphite/epoxy, boron-graphite/epoxy hybrid and boron/aluminum design allowables	1972
19730072599	NRA subsystem evaluation test report 4.3.1.3: LCF hardware integration	1972
19730072601	Wing 3/5 end item performance evaluation figure A 1201	1972
19730072602	NRA subsystem evaluation test report 4.3.1.2. Preliminary interface signal verification	1972
19730072606	Filter, radio interference	1972
19730072607	Mixers, coaxial: C-band	1972
19730072608	Qualification test report aerospace ground equipment MR 1502A: Test set servo and power supply modules, MMR-MADAR	1972
19730072610	Development of an electronically tuned VHF power amplifier	1972
19730072611	Areas of sight of ellipsoidal targets	1972
19730072613	Advanced microelectronic design, technology and measurements for military applications	1972
19730072615	Instrumentation and flight results of reentry plasma diagnostic and alleviation experiments on Trailblazer 2 rockets	1972
19730072621	Integration circuit, logic gate, one-of-sixteen decoder	1972
19730072622	Package evaluation: Integrated circuit	1972
19730072632	Integrated circuit, logic gate, one of ten decoder	1972
19730072633	Test and evaluation report, microswitch	1972
19730072634	VISDET-2 programmer's manual	1972
19730072636	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage	1972
19730072639	Measurements of the beam and point spread functions of sea water	1972
19730072640	Production engineering measure for 25 mm intensified diode array camera tube	1972
19730072641	Low drain integrated circuit assemblies for wideband applications	1972
19730072642	Production techniques for extruding and drawing Beta 3 titanium alloy shapes	1972
19730072647	Correlation of the Mossbauer effect and hydrogen embrittlement of AISI 4340 steel	1972
19730072654	Autorotational entry improvement program TH-55A helicopter	1972
19730072659	Document management and preparation using ATS	1972
19730072660	Salt fog test of dust shroud on Minuteman 3, Mark 12 reentry vehicle	1972
19730072663	Flame stability for a coaxial dump combustor	1972
19730072664	Numerical investigations on gravity continuation	1972
19730072665	A production engineering measure for compact five gun cathode ray tubes	1972
19730072667	Internal damping in rotating shafts	1972
19730072668	Satellite communication services	1972
19730072669	General comments on nuclear radiation hardening for the SCAD	1972
19730072672	Production engineering measure for a broadband, 225-400 MHz, 25 Watt power transistor	1972
19730072674	Manufacturing methods for chrome silicon film resistors for radiation hardened circuits	1972
19730072675	Production engineering for growth of synthetic calcite polarizer material	1972
19730072676	Navigator-observer utilization field flying specialties study	1972
19730072678	Improved methods for rocket sled test data processing	1972
19730072679	Manufacturing methods for radiation-hardened low-power TTL circuits	1972
19730072680	Development of 100-W, 1.7 to 3.4 gigahertz, linear power transistor	1972
19730072681	Helicopter main blade ballistic survivability rig	1972
19730072682	Spectrum signature data of radio set AN/FRC-93 with rf linear amplifier AM/3979/FRC-93	1972
19730072683	Evaluation of an AADC module developed by Singer	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072685	Initial production test of radio set AN/PRC-77	1972
19730072692	Reliability of linear integrated circuits in ceramic and plastic packages	1972
19730072695	Design reliability prediction for aircraft firing circuit test set AN/AWM-54 and battery charger set PP-6681/AOWM	1972
19730072698	Optical jammer sources	1972
19730072699	C3 PAT lot verification test. Resistor, fixed, voltage reference, molder or dipped, .25 - .50 Watt	1972
19730072700	Monolithic MIC feasibility study	1972
19730072702	Advanced measurement techniques study for digital systems	1972
19730072704	Evaluation of the palletized ejector rack concept as an interim conformal carriage system	1972
19730072708	The McDonnell Douglas magnetic flyer plate facility	1972
19730072710	Production engineering measure optical integrators, optical windows and projection lenses for laser diode arrays	1972
19730072711	Production engineering measure for an electron beam machine and microwave transistors	1972
19730072715	Minuteman 2/3 braided cable development program P93D evaluation/qualification test report	1972
19730072716	Light emitting diode recorder techniques	1972
19730072717	Primary flight control: Work station design	1972
19730072718	Exploratory development on non-aqueous, high rate batteries, phase 1	1972
19730072726	Manufacturing Methods and Technology measure (MMT) program for GaAs laser crystal	1972
19730072727	Time division multiple access equipment group	1972
19730072728	Flow measurement past a sonobuoy hydrophone using a strumming cable	1972
19730072729	Investigation of the effect of pipe wall ablation on the flow of an iron plasma	1972
19730072731	Integrated circuits for airborne and portable communications	1972
19730072733	Imbalance uncertainty for a rotating body	1972
19730072735	An analytical study of explosive loading techniques for simulation of impulsive loading of structures at lethality levels	1972
19730072736	The 6-inch and 7-inch Hornet missile/AH-1G Cobra helicopter electromagnetic radiation hazards	1972
19730072737	Camel fractional array	1972
19730072750	Qualification test, timing module, solid state, 2 PDT relay output	1972
19730072751	Qualification status of IRC for 11291797	1972
19730072752	Qualification status of Dickson for 11290178	1972
19730072753	Characteristics and development report for the MC2034 inertial switch	1972
19730072768	Investigation of particle effects on missile environments	1972
19730072770	Organic electrolyte batteries for sensors	1972
19730072772	Production engineering measure solid encapsulated semiconductor devices	1972
19730072773	Nondestructive testing and evaluation in the Naval Ordnance Systems Command	1972
19730072786	OV1-19 dose rate and linear energy transfer measurements	1972
19730072793	Off-axis detectability of an Nd-YAG pulsed laser (U)	1972
19730072798	Low altitude aircraft detection radar AN/TPQ-38 (U)	1972
19730072818	Propellants for shoulder fired rockets (U)	1972
19730072842	Combat Sage. PACAF weapon system evaluation program (U)	1972
19730072844	Bibliography: Shock physics (U)	1972
19730072845	Infrared source development (U)	1972
19730072848	Applications studies for cryogenic systems and superconductive power (U)	1972
19730072866	QRC-523 airborne Doppler radar (U)	1972
19730072906	Study of rainout of radioactivity in Illinois	1972
19730072907	Position lifetime measurements as a non-destructive technique to monitor fatigue damage	1972
19730072908	Type 304 and type 316 stainless steel data for high temperature design	1972
19730072909	Kennedy Space Center Skylab delta design certification review report	1972
19730072912	Experimental set up for simulating a jet blower	1972
19730072914	Facility measuring and hazards monitoring support of ground support equipment/spacecraft electrical interface test	1972
19730072915	Facility measuring and hazards monitoring support during winds of forty (40) knots or higher	1972
19730072916	Functional checks of pressure transducer systems	1972
19730072917	Procedures for calibration of temperature sensors in the Cryogenic Calibration Facility	1972
19730072918	Facility measuring and hazards monitoring support of LH2 storage tank pressurization	1972
19730072919	Facility measuring and hazards monitoring support of LV propellant loading	1972
19730072921	Skylab 1 facilities and environmental measurements program	1972
19730072945	Long-run effects of an intraurban air transportation system on residential location and commuting in the San Francisco Bay area	1972
19730072951	The high temperature oxidation of chromium	1972
19730072954	Chemical vapour deposition of metals	1972
19730072955	Some tsunami studies of the west coast of Canada. Resonance periods of multi-branched inlets with tsunami amplification	1972
19730072956	Design and operation of the Imperial College vo. 2 hypersonic gun tunnel	1972
19730072957	Monthly bulletin, Canadian upper air data, August 1972	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072959	Assessment of see-through masks. Part 2: The Dur-Cor system and further work on the Teller system	1972
19730072960	Material for high peak power gunn devices	1972
19730072961	Study of pyroelectric thermal imaging camera tube	1972
19730072962	Survey of the performance of low light level camera tubes	1972
19730072963	X-Y addressing and integral memory in gallium phosphide displays	1972
19730072964	Switching elements for use with multi-element displays	1972
19730072965	Monthly Bulletin. Canadian upper air data, September 1972	1972
19730072966	High temperature metallizing	1972
19730072967	On dynamical systems with time-varying randomized discrete parameters	1972
19730072968	Error structure for correlators using auxiliary signals	1972
19730072969	Pseudo-randomness properties of binary shift register sequences	1972
19730072970	Feasibility study on periodic permanent magnet focusing of high power electron beams	1972
19730072971	Wave data management	1972
19730072974	Low work function dispenser cathodes	1972
19730072975	Monocon electron gun study	1972
19730072976	Gaseous atmospheric pollutants: A literature survey	1972
19730072977	Charge coupled imaging devices	1972
19730072978	ESR time averaging and kinetics program for the Varian 620/1 computer	1972
19730072979	An introduction to conditional sampling of turbulent flow	1972
19730072980	Application of high pressure liquid chromatography to the analysis of explosives and propellants. part 2: Characterization of CTPB and HTPB by gel permeation chromatography	1972
19730072982	The ignition and combustion of boron, silicon, potassium dichromate delay compositions	1972
19730072983	Steady state aerosols	1972
19730072984	The silica gel process: Small scale studies. Part 1: Comparison of catalysts and labelling experiments	1972
19730072986	Papers on the work of the Institute of Coastal Oceanography and Tides published in scientific and technical journals from 1920	1972
19730072987	Advanced multi-level interconnection systems for mist integrated circuits	1972
19730072988	Electron beam fast wave interaction	1972
19730072989	The Foehn wind of the Valais canton	1972
19730072994	Observations on the thermal behaviour of the 3,4-DNT solid phase	1972
19730072995	Electrostatic hazards for insulated operators	1972
19730072996	Report on free-fall door load bundles	1972
19730072997	Mathematical model for the study of circulation caused by the tide in the North Sea	1972
19730072999	A new technique of dielectric isolation and its application to integrated circuits and high frequency transistors	1972
19730073002	Drag on cylinders in a 20 to 25 millisecond blast wave	1972
19730073003	Soil temperatures under a paved runway	1972
19730073004	Assessment of errors in gamma dose measurement in the DREO fast-neutron phantom experiment	1972
19730073005	The turbulent boundary layer as a wall confined wake	1972
19730073007	Using the normal curve for temperature frequencies	1972
19730073008	Static tests of stiffened plate panels	1972
19730073009	Computer aided sonar analysis for the advanced swimmer defense program	1972
19730073013	Instrument-flight-rules capability evaluation CH-54B (TARHE) helicopter	1972
19730073015	A method of determining the probability of detection for a weapon locating radar	1972
19730073018	Topside intermodulation interference aboard USS Mount Whitney (LCC 20), USS Blue Ridge (LCC 19), and USS Iwo Jima (LPH 2)	1972
19730073021	Limited scan phased array antenna experimental model (Agiltrac)	1972
19730073025	Integrated circuit, Dual 4 input multiplexer	1972
19730073029	Development of bolocon layers	1972
19730073033	High rate-low temperature alkaline primary cell	1972
19730073034	Meteorological research, development, test and evaluation rocket system rocket launcher qualification tests	1972
19730073040	The technical cooperation program panel N-2 minutes of the Blast and Shock Instrumentation Work Shop, 17-19 November 1971	1972
19730073045	Development of a small light weight 77K Vuillemier cryogenic battery operated hot gas cooler	1972
19730073046	Gravimetric investigations in the Eastern Alps. 2: Survey area, Salzburg-kaern-ten-Tiro	1972
19730073047	Application of the gauss quadrature to the numerical inversion of certain Laplace transforms	1972
19730073048	Simulated flight tests of a QU-22B Pave Eagle 2 aircraft: Engine cooling and fuel system evaluation	1972
19730073049	C3 PAT lot verification test. Filter, electrical, radio frequency, NOC, low pass, fixed	1972
19730073050	A study of artillery shell drift at high angle of fire using solar aspect sensors	1972
19730073053	Composite medium STOL transport structural integration study. Task 6 of composite wing conceptual design	1972
19730073054	Development of the high density task/main store memory module	1972
19730073057	Production engineering measure for ion-implanted integrated circuits	1972
19730073060	Titanium alloy scrap reclamation process	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073064	Maintainability prediction for aircraft firing circuit test set AN/AWM-54 and battery charger set PP-6681/AWM	1972
19730073065	Low temperature (40F) and rework cleaning procedure effects on chromate conversion films applied to aluminum alloys	1972
19730073069	GaAlAs diode pumped Nd:YAG laser	1972
19730073070	Computation of backscatter for an underwater synchronous scanning system	1972
19730073073	The effects of runway surface texture on aquaplaning	1972
19730073074	Non-linear mechanical response of real materials. 12: Mechanical properties of copper and aluminum tested in shear	1972
19730073075	Low noise junction field effect transistor types	1972
19730073080	Solid electrolyte battery development program	1972
19730073087	Ambient noise spatial characteristics and sonar array response	1972
19730073093	EVS-windows optical requirements	1972
19730073094	Approaches to custom LSI	1972
19730073106	AN/AIC-27V XA-2 aircraft interphone system	1972
19730073107	Frequency doubled, mode locked Nd:YAG laser	1972
19730073109	Tests to determine the minimum marker pattern for ultra low level airdrop without natural visual clues	1972
19730073112	Evaluation of the AN/VSS-2 pink filter searchlight (2.2 kW) April - December 1972	1972
19730073113	B-1 air vehicle status report engine nacelle inlet anti-icing need/non-need	1972
19730073116	Helicopter/VSTOL compatibility program: DE-1052/H-2D dynamic interface flight envelope	1972
19730073118	Summary of nondestructive testing applications, part 1	1972
19730073122	Compatibility testing and handbook verification of ground support equipment for the AN/APX-72 IFF transponder system and AAU-19/A altimeter, CPU-66/A-22 altitude transducer computer system of the A-4C airplane	1972
19730073124	Carrier suitability tests for MIBAR multi-channel in band relay radio set, AN/ARQ XN-1	1972
19730073134	Production engineering measure for hydrazine fuel cells	1972
19730073139	Metallurgical investigation of failure of actuator horn in horizontal stabilizer assembly of an A-7 aircraft	1972
19730073140	Production engineering measure for improved reliability of subminiature metallized polycarbonate capacitors	1972
19730073141	The airflow field at a high-speed surface effect ship in respect to helicopter flight operations	1972
19730073142	Evaluation of the POL tagging kit and dye additives	1972
19730073143	Dimensionally stable, high strength, flat conductor cable	1972
19730073144	Use of fatigue gages for solution and prevention of Naval machinery problems	1972
19730073145	Air cushion vehicle: Selections from VDI Nachrichten	1972
19730073146	Advanced concept containerized air capable	1972
19730073147	Evaluation of the thiokol TE-M-604-01 apogee kick motor tested in the spin mode at simulated altitude conditions	1972
19730073148	Study of physical simulator requirements and management. Phase 2: System simulation and test facility development plan for the 1974-1977 period	1972
19730073149	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors	1972
19730073150	Aerodynamic characteristics of a 0.05-scale RF-4C controls configured vehicle at Mach numbers from 0.6 to 2.0	1972
19730073151	Manufacture of high strength TD nickel chromium tubing	1972
19730073152	SECEDE 2 striation analysis	1972
19730073153	Nonsampling UHF same frequency repeater	1972
19730073156	Wing 3/5 end item performance evaluation figure A 1284	1972
19730073157	Wing 3/5 end item performance evaluation figure A 1377	1972
19730073158	Wing 3/5 end item performance evaluation figure A 1469	1972
19730073159	NRA subsystem evaluation test report 4.3.1.4 LCF hardware integration line monitoring, seize, message detection functions test	1972
19730073160	NRA subsystem evaluation test report 4.3.2.6 operational ground equipment processing: Encrypted mode	1972
19730073161	Wing 3/5 end item performance evaluation figure A 1213.09	1972
19730073162	Electron attachment by tungsten oxides	1972
19730073164	CITS computer job control and processing analysis	1972
19730073165	City Air Defense Evaluation Tool (CADET). Analyst's handbook	1972
19730073166	City Air Defense Evaluation Tool (CADET). Programmer's handbook	1972
19730073168	Effects of canard planform on the subsonic aerodynamic characteristics of a 25 deg and a 50 deg swept-wing research aircraft model	1972
19730073172	Production engineering measures, vapor phase cooled traveling wave tubes	1972
19730073173	B-1 nozzle/afterbody performance and compatibility analysis	1972
19730073174	Development test report for screening of hydraulic reciprocating six-inch diameter piston and three-and-one-half inch diameter rod seals for B-1 air vehicle, 14 May 1971 - 27 January 1972	1972
19730073175	Development of the hollow fiber sodium-sulfur battery	1972
19730073177	PREP A preprocessor program for VIBRA-3	1972
19730073184	Radioisotopic power generators of the US Navy, volume 6, no. 4	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073190	SAC OT and E FB-111A category 3 testing. Volume 2: Materiel analysis	1972
19730073191	SAC OT and E FB-111A category 3 testing. Volume 3: Data processing	1972
19730073193	Production engineering measure for precision resistor ladder networks (film type), volume 1	1972
19730073194	Production engineering measure for precision resistor ladder networks film type. Volume 2, section 3: Quality control manual	1972
19730073195	Production engineering measure for precision resistor ladder network (film type)	1972
19730073198	Target signature analysis center: Data compilation, eleventh supplement. Volume 2: Bidirectional reflectance; graphic data	1972
19730073199	Gallium arsenide technology. Volume 3: Device theory and performance	1972
19730073201	New synthetic methods for silicon-nitrogen polymers	1972
19730073202	Thermal and mechanical properties of advanced heatshield resinous (CP) and carbonaceous (CC) Composites. Volume 3: Data books for the CC composites	1972
19730073203	Development of high temperature functional fluids	1972
19730073212	Proceedings of the 6th Biennial Guidance Test Symposium, volume 1	1972
19730073213	A shock tube investigation of the loading and response of an experimental missile nose cone, volume 1, appendix H	1972
19730073216	Conceptual analysis of airborne CNI system, volume 1	1972
19730073217	Design of a secure communications processor: Input/output processor, volume 2	1972
19730073221	Integrated optical circuits in avionics systems, volume 1	1972
19730073223	TF 34-GE-2 engine qualification. Volume 2: 150-hour endurance test no. 1 teardown inspection	1972
19730073233	Development test requirements for hydraulic hoses for B-1 wing sweep pivot application	1972
19730073234	Development of a fluidic vibrating string accelerometer	1972
19730073235	Production engineering measure for improved reliability of mica transmitter capacitors	1972
19730073240	Automated technical control for communications: A human engineering approach	1972
19730073243	Development of a digital accelerometer	1972
19730073244	Compass preview trade-off studies	1972
19730073246	Investigation of malfunctioning of the TOW rocket motor	1972
19730073247	Micron, 1.06, intensified silicon target TV camera tube	1972
19730073248	OCS low- and high-altitude target acquisition study	1972
19730073249	Development of welding, fabrication and inspection of titanium structures	1972
19730073250	Simplified calculation of exterior ballistic trajectories utilizing teletype time sharing systems	1972
19730073251	Production engineering measure for low radiant power infrared sources	1972
19730073253	Army preliminary evaluation improved Cobra armament system	1972
19730073255	Production engineering measure for improved reliability of subminiature metallized polycarbonate capacitors	1972
19730073257	Prototype computed air release point deviation locator (CDL)	1972
19730073259	Photo interpreter report editing system technical report	1972
19730073261	T58 engine 1972 component improvement programs	1972
19730073262	Production engineering measure for improved reliability of metallized polycarbonate and metallized polysulfone capacitors	1972
19730073263	High strength, high modulus graphite fiber	1972
19730073264	Development and testing of a precise marine electrostatic gyroscope	1972
19730073265	Method for enhancing visual evaluation of the epoxy-bonded area in the launcher. Rocket: 66 mm, 4-tube, M202	1972
19730073266	Special Engineering Analysis (SEA). US Army Air Force Program No. T53H005. Service Revealed Difficulties (SRD) US Navy Program No. T53H101	1972
19730073267	Multiple channel same frequency repeater system	1972
19730073268	Psychophysical functions in visual depth perception, 1	1972
19730073269	Psychophysical functions in visual depth perception, 2	1972
19730073270	Reconnaissance of a small ice cap near St. Patrick Bay, Robeson Channel, Northern Ellesmere Island	1972
19730073271	Evaluation of the performance of shock transducers for the measurement of high environment	1972
19730073272	Black brant rockets AAF-III-A-59, 60, 61 and 62 launched at East Quoddy, Nova Scotia during the 10 July 1972 solar eclipse	1972
19730073273	Applications of correlation interferometry and spectroscopy to aerospace monitoring of earth resources and pollution	1972
19730073274	Preconference papers for the International Aerospace Instrumentation Symposium (7th)	1972
19730073275	Techniques for deploying surface and submerged recording instruments in the waters of the Canadian Arctic Archipelago	1972
19730073277	A brief flight assessment of a Scout helicopter fitted with a hingeless rotor	1972
19730073278	Evaluation of an AADC module developed by Westinghouse	1972
19730073281	A critical study of large angle-of-arrival fluctuations on a CDAA-criteria for scan-by-scan acceptance or rejection	1972
19730073282	Erosion resistant coatings for composite airfoils	1972
19730073286	Product improvement test of rigging procedures for airdrop of the M-551 Sheridan weapons system	1972
19730073290	An assessment of Piccolo, a 32 tone telegraph system	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073291	Oceanographic notebook (monthly publication). Table of contents, volume 4, 21st to 23rd years, 1969 to 1971	1972
19730073292	Progress report, second quarter 1972	1972
19730073293	Is a NATO defence research establishment different	1972
19730073294	R.R.S. Discovery Cruise 47, 9th June - 3rd July 1972. Geology and geophysics on and around the Rockall Plateau	1972
19730073296	Thin pin structures in silicon	1972
19730073297	Research to improve the vacuum in isocons and similar devices	1972
19730073299	On the behaviour of the secant method near a multiple root	1972
19730073300	A minimum resource sorting method	1972
19730073301	An abbreviated cooling test for the assessment of acclimatization to heat	1972
19730073302	Oceanographic observations in the Indian Ocean west of Sumatra. HMS DAMPIER March - May 1967	1972
19730073303	The evaluation problem in command and control systems	1972
19730073304	Monthly record, Meteorological observations in Canada, December 1971 and supplement	1972
19730073305	Long-term scientific study on non-metallic materials	1972
19730073306	The effect of Notch Acuity on the fracture toughness of three low alloy high yield strength steels	1972
19730073307	Precipitation in Regina in June	1972
19730073308	The prediction of liquid or frozen precipitation in the Atlantic provinces	1972
19730073309	Precipitation probability forecasting in B. C. using a multivariate discriminant analysis technique	1972
19730073310	RRS Discovery cruise 43 report, October - November 1971. GLORIA in Peake and Freen Deeps, and on the Azores, Gibraltar Rise	1972
19730073311	A comparison of modern tidal predictions for Southend Pier	1972
19730073312	The estimation of low concentrations of smoke in air with possible application to gases and vapours	1972
19730073313	Estimation for the residual adsorption capacity of charcoal filters	1972
19730073314	Chemical investigation on the hydroxylalkylation of a carboxyl terminated polybutadiene	1972
19730073315	Algebra and context-free languages	1972
19730073316	Insertion of elements into matrices in the usercode matrix scheme	1972
19730073317	Investigation of the reflection of shock waves in a double shock tube	1972
19730073318	The application of classical control techniques to the analysis of a torpedo roll control system	1972
19730073319	Matrix computations in rational arithmetic: with application to analysis of variance	1972
19730073320	Pyrolytic boron nitride	1972
19730073321	Mathematical model for the study of residual currents in the North Sea	1972
19730073322	Epitaxial silicon avalanche photodiode	1972
19730073323	X-band pulsed oscillator	1972
19730073324	Study of negative electron affinity techniques with silicon	1972
19730073325	Cermet heaters for high power tubes	1972
19730073326	Low noise, long life, helium-neon laser	1972
19730073327	X-band image recovery mixers with reduced conversion loss	1972
19730073328	Material and device technology of gallium phosphide	1972
19730073329	Gas discharge matrix display DC system	1972
19730073330	Non-volatile memory techniques	1972
19730073331	Input protection for MOS circuits	1972
19730073332	Low voltage threshold MOST	1972
19730073333	High contrast liquid crystal display	1972
19730073334	Reduction of frequency/temperature dependence of Gunn diode chips	1972
19730073335	GaAIAs for photocathodes	1972
19730073336	Functional description of the true stress-strain behavior of type 304 stainless steel at high strain rates	1972
19730073342	Development of a generalized picture-processing programming system	1972
19730073343	Chemistry and Materials Science Division	1972
19730073360	Dynamics and control of escape and rescue from a tumbling spacecraft	1972
19730073363	Compatibility of runway surfacing materials with various reactive propellants	1972
19730073365	Visual and motion requirements for flight simulation and ride quality investigation	1972
19730073409	Adhesively bonded multi-layer F-104 AFT fuselage ring fitting	1972
19730073418	Pipe flow tests with normal and anti-misting (FM4) AVTUR fuel	1972
19730073419	On the specification of maximum noise levels in aircraft	1972
19730073420	Newtonian aerodynamic forces from Poisson's equation	1972
19730073422	Notes on some VHF and UHF aerials for use on free-flight rocket-boosted models and guided missiles	1972
19730073423	A study of the effect of the wake of the main aerofoil of a Fowler-flap configuration on the lift of the flap	1972
19730073424	Human engineering studies of high speed pedestrian conveyors	1972
19730073425	The tolerance of the general public to horizontally accelerating floors, with special reference to pedestrian conveyors	1972
19730073426	A simple area navigation display	1972
19730073427	Post-buckling behaviour of thin compression elements with edge stiffeners	1972
19730073428	An invariant second moment reliability format	1972
19730073465	Advanced propulsion concepts	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073466	Analysis of one fifth scale SRAM wind tunnel test conducted to support a roll to steer control concept	1972
19730073467	Seeker and sensor systems study	1972
19730073468	Development of anti-stokes phosphors for use with indium phosphide diodes	1972
19730073469	A partial bibliography of the physical oceanography of the main area of the GATE (GARP Atlantic tropical experiment) 5 deg-15 deg N 20 deg-30 deg W	1972
19730073471	Evaluation of samarium cobalt for PPM focusing applications	1972
19730073472	Winter ice reconnaissance in Nares Strait, 1971 - 1972	1972
19730073473	Finite-element analysis of slow incompressible viscous fluid motion	1972
19730073474	Q-Band local oscillator klystron, stage B	1972
19730073475	Experimental investigation of base pressure on a spinning cylindrical and boat-tailed afterbody at subsonic speeds	1972
19730073477	Improved room temperature lasers	1972
19730073479	Black Brant rockets ADD-III-A-55, 56, 57 and 58 launched at Churchill Research Range during the 10 July 1972 solar eclipse. Operations requirement number, 7202. Measurements of infrared atmosphere during a solar eclipse	1972
19730073483	Time division multiple access equipment group	1972
19730073485	A limited aerodynamic test of the 2 1/2 inch Ring Airfoil Grenade RAG-A	1972
19730073486	A 94 GHz FM-CW radar with six-inch range resolution capability	1972
19730073487	Production engineering measure for multi-electrode crystals, 30 to 70 MHZ	1972
19730073490	Qualification status of Fairchild for 10182252	1972
19730073491	Equatorial ionospheric scintillation flight testing	1972
19730073492	Test report, second rough handling drop test of an XM234 warhead section mated to a lance missile	1972
19730073493	Proceedings of the Conference on Fibrous Composites in FLight Vehicle Design	1972
19730073498	Oxygen reduction in alkaline solutions at porous nickel electrodes which have been activated with several precious metals	1972
19730073499	A radiated power monitor	1972
19730073501	A calibration of the AFSCF SGLS trackers using satellite observations, addendum number 1	1972
19730073502	A calibration of the AFSCF SGLS trackers using satellite observations	1972
19730073504	Spectrum signature data of Collins Radio transmitter 32S-3A with RF linear amplifier 30S-1	1972
19730073505	Initial production test of intercommunication control set C-1611/AIC	1972
19730073506	Materials and energy for life support in the arctic surface effects vehicle	1972
19730073508	Fifth surveillance of Air Force held MK51 Mod 0 under seat rocket motors P/N MBEU 1850 RU	1972
19730073509	Qualification report for transistor, n-p-n per NAVAIR drawing 2576693-3	1972
19730073510	Instrumentation amplifier system	1972
19730073511	Hybrid 2-state driver qualification report	1972
19730073515	Production engineering measure, S-band 10-20 watt transistor	1972
19730073518	Advanced lightweight fighter structural concept study	1972
19730073521	External compression inlet study status	1972
19730073522	Take-off and landing configuration warning system study B-1 air vehicle	1972
19730073524	Subsystem hazard analysis and system hazard analysis B-52 air drop of B1 capsule (weighted shell)	1972
19730073532	On a theory for the simultaneous evaluation of aerial and terrestrial gravimetric data	1972
19730073533	Avionic support equipment test, evaluation and verification	1972
19730073538	NRA subsystem evaluation test report 4.3.2.2 MGS startup and tape load	1972
19730073539	Ablatives for use in ramjet combustors. Part 1: Initial investigation of silicone elastomers	1972
19730073543	Experimental investigation of ramburner performance. Part 1: Liquid propellant runs	1972
19730073544	VHF-UHF surface wave studies: High efficiency grating transducers for Love waves	1972
19730073545	Centosphere plasma display large-area plasma display panel	1972
19730073547	Response and transient overload tolerance of SAM-D components exposed to nuclear environments	1972
19730073548	Environmental qualification of Berkshire Products spring	1972
19730073551	Simple RC null networks	1972
19730073552	User's manual, TDP version 1 intermediate CISS simulator	1972
19730073553	Comparative evaluation of commercial stabilized optical viewing devices	1972
19730073554	Evaluation of atmospheric correlation techniques	1972
19730073555	Ground surveillance radar AN/PPS-15	1972
19730073556	Prime item development specification for air vehicle - F-5E, part 1	1972
19730073557	Polymer structures and properties. Part 2: Thermally stable polymers	1972
19730073558	Noise-reducing headset development	1972
19730073559	Product support program	1972
19730073560	Research and development of a dc-dc converter	1972
19730073561	Evaluation of fluomine as an oxygen sorbent	1972
19730073565	Operator performance with alternate forms of unilateral, position control for undersea manipulators	1972
19730073566	Wing 3/5 end item performance evaluation figure A 1473	1972
19730073567	Wing 3/5 end item performance evaluation figure A 5076	1972
19730073570	NRA subsystem evaluation test report 4.3.2.7. LF hardware integration functions: LF retransmission	1972
19730073572	Individual motor report M55AI Minuteman operational quality assurance rocket motor QA-1202, 0013746	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073573	AN/ARC-145 ultra reliable UHF radio set	1972
19730073574	The 1971 product support program for Navy A-24 and A-24-1 starters	1972
19730073576	Review 1972	1972
19730073577	On the connection between the vertex function in coordinate space and momentum space. 1: Formalism. 2: The canonical light cone singularities and the asymptotic momentum space behaviour	1972
19730073579	An evaluation of polyimide laminating resins	1972
19730073586	Design optimization and performance prediction of a shorebased aircraft recovery system by mathematical model computer simulation. The proposed Capstan tape system	1972
19730073587	Wing 3/5 end item performance evaluation figure A10793	1972
19730073594	Structural integrity analysis of the M-72 LAW rocket motor case	1972
19730073596	KMB-8 bandmask evaluation	1972
19730073600	Investigation of a liquid cooled anemometer probe for measurement of high temperature gases	1972
19730073601	Initial production test of multiplexer TD-754/G	1972
19730073602	Rain and fog range for a 35 GHz radio-meter	1972
19730073603	HLH/ATC transmission housing material evaluation	1972
19730073604	Collisional deactivation of O2 (1 DELTAG)	1972
19730073605	Black brant rockets AAF-3B-53, AAF-VB-33 and AAF-4B-25 launched at Gillam and Churchill Research Range, Manitoba, 14 and 15 January 1972	1972
19730073607	Gas strain gauges and their circuitry	1972
19730073608	Revision of Matthews tables (publication HD.282). Pilot study of the gulf Stream region	1972
19730073609	Plasma parameters in TEA laser discharges	1972
19730073610	Bombardment induced conductivity investigation on a silicon diode array	1972
19730073611	Microwave power transistors for pulse operation	1972
19730073612	Some measurements of the intermittency function in an open channel flow in the region immediately downstream of a natural transition	1972
19730073613	Monthly record, Meteorological observations in Canada, March 1972	1972
19730073614	Relation between the real and pulse-volume averaged fields of reflectivity and velocity	1972
19730073615	The Sudbury tornado, 20 August 1970	1972
19730073616	Test set, synchrotel null setting and accuracy P/N 18960060000	1972
19730073617	Chamber, temperature, altitude P/N 18903170000	1972
19730073618	Fixture, vibration and vibration control unit P/N 18902790000	1972
19730073619	A six-station vertical rolling fatigue rig	1972
19730073620	Effects of simulated ice buildup on leading edge surface of the B-1 aircraft (U)	1972
19730073625	Navy 2.75-inch rocket motor effectiveness study (U)	1972
19730073631	High lumen source (U)	1972
19730073645	Production engineering measures 8 to 14 micron (Hg, Cd)Te array modules (U) modules (U)	1972
19730073649	Preliminary stability analysis of a 0.0667 scale B-1 rigid model at transonic speeds using a two cable suspension system, volume 2 (U)	1972
19730073657	Tactics 2 maneuver logic for computer simulation of dogfight engagements (U)	1972
19730073658	Small Tactical Aerial Mobility Platform (STAMP) (U)	1972
19730073671	Effects of ice formations on the leading edge surface of the wing and glove of the B-1 aircraft (U)	1972
19730073672	Analysis of aerodynamic characteristics of the B-1 aerodynamic force model model 3A obtained during TWT 243 (U)	1972
19730073690	Sensor technology and terminal homing (U)	1972
19730073711	Combat Sage. PACAF weapon system evaluation program (U)	1972
19730073713	Combat Sage. PACAF weapon system evaluation program (U)	1972
19730073723	MADRE data analysis results from May and June 1971 (U)	1972
19730073730	AIM-7F dynamic simulation facility ECM test evaluation (U)	1972
19730073731	Advanced terminal technology requirements program. A comparison of L-band and C-band sensors in terminal defense (U)	1972
19730073738	Combat Sage. PACAF weapon system evaluation program (U)	1972
19730073751	A synoptic study of bombing system development (U)	1972
19730073801	Irradiation effects on reactor structural materials	1972
19730073803	Generated stress and thermal effects in distended gold	1972
19730073820	Delta mission ITOS-C orbit dispersion analysis	1972
19730073829	A design study of the automatic flare manoeuvre including the use of direct lift control	1972
19730073830	Bird impact on offset engine intakes: Curved plates	1972
19730073831	Friction and wear of some polyimides	1972
19730073833	Some effects of change in spectrum severity and spectrum shape on fatigue behaviour under random loading	1972
19730073835	An evaluation of the Dingley and Bednar cadmium plating bath	1972
19730073839	Analysis of the orbit of 1965-11D (Cosmos 54 Rocket	1972
19730073846	Interactions of heat, composition and motion in the upper atmosphere	1972
19730073853	Qualification test report, valve assembly, solenoid piloted pressure operated	1972
19730073855	Distribution of primary benefits and costs of intraurban air transportation in the San Francisco Bay Area	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073856	Effects of a V/STOL commuter transportation system on road congestion in the San Francisco Bay Area	1972
19730073857	Dynamics of unsteady cavitating cascades	1972
19730073860	The accuracy of corrected omega in the Mediterranean and in Norway (close to a transmitter)	1972
19730073864	Developments in nondestructive testing	1972
19730073866	Chemical analysis of flash composition	1972
19730073871	Minuteman II/III braided cable development program P114C evaluation/qualification test report	1972
19730073874	New materials for piezoelectric generators	1972
19730073880	O/S von Simulator user's manual	1972
19730073881	Local extrapolation in solution of ordinary differential equations	1972
19730073882	Bare base electrical power systems	1972
19730073883	Adapting the aircraft hygrometer system into the aerograph set	1972
19730073885	Electro-interference test report for the figure A 1506, Secure Data Unit (SDU)	1972
19730073886	Manufacturing development sine wave welding	1972
19730073887	Dynamic stability test results on an 0.10 scale B-1 escape capsule	1972
19730073889	NRA subsystem evaluation test report 4.3.2.11 - electrical and timing ICD verification - launch facility	1972
19730073891	NRA subsystem evaluation test report 4.3.3.7: System compatibility command and status processing clip command	1972
19730073893	NRA subsystem evaluation test report 4.3.3.10: Launch facility loss of sync and resync	1972
19730073896	Maintainability demonstration report for the APD-10 radar mapping set	1972
19730073897	Task 1: Timation 3 gravity oriented control system configuration analysis	1972
19730073898	Computer program for sizing and performance analysis of solid propellant rocket motors	1972
19730073902	The effects of weld repair on the creep properties of cast Ti-6Al-4V	1972
19730073904	High temperature structural adhesives having improved processability	1972
19730073905	An ion neutralization study of sodium covered Ge(3)	1972
19730073912	Analysis of commercial and military STOL design criteria	1972
19730073913	The development of flame pumped atomic lasers	1972
19730073914	Universal non-pressurized aircraft oxygen system	1972
19730073917	Impact precision for automatic bomb-release systems	1972
19730073918	Production engineering measure for packages for microwave integrated circuits	1972
19730073920	The embedment of strain gages in members	1972
19730073921	Evaluation of a connector for AADC modules	1972
19730073922	Development of computerized microstructure control procedure for Ti-6Al-2Sv-4Zr-6Mo alloy production compressor disks	1972
19730073923	Complementary N(plus)PP(plus) avalanche diodes	1972
19730073924	Thin film optical waveguide technology	1972
19730073925	Low-defect-density oxide films	1972
19730073926	High strength, high temperature polymeric fibers	1972
19730073927	A production engineering measure for two L-band solid-state microwave frequency sources	1972
19730073931	IRIS 80 system summary	1972
19730073932	Feasibility study of the use of fluidic components in an aircraft environmental control system	1972
19730073933	Some aspects of magnetism, solid state physics and technology in Japan	1972
19730073934	Modularized fiber-optic coupled laser arrays	1972
19730073935	Fatigue life substantiation of dynamic components for the UH-1D helicopter equipped with the 48 foot diameter rotor	1972
19730073941	Secure systems evaluation code under radiation environment	1972
19730073943	Bistatic operation against chaff	1972
19730073946	Qualification status of Motorola for 11290178 semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19730073947	Qualification status of Bourns	1972
19730073948	Short-term annealing in silicon devices following pulsed 14-MeV neutron irradiation	1972
19730073949	Static-test firing of second-stage wing 6 Minuteman motor 52PQA6-59	1972
19730073950	Test plan for preparation of a manual procedures and applications for solid lubricants in Naval aircraft	1972
19730073953	Tests of weapon effluent Moving Target Indicator (MTI) laser detection unit Fort Sill, Oklahoma, 13-14 December 1972	1972
19730073956	Report on AFCRL photographic data obtained during test series SECEDE 2	1972
19730073961	Definitions of terms for integrated circuits	1972
19730073963	Aeroelastic analysis of a composite wing designed for the BOM-34E supersonic aerial target vehicle	1972
19730073966	Development of engineering data for advanced composite materials. Volume 1: Static and thermophysical properties	1972
19730073967	Development of engineering data for advanced composite materials. Volume 2: Fatigue and load rate characteristics	1972
19730073970	Conceptual analysis of airborne CNI systems. Volume 2: Executive summary	1972
19730073974	Production engineering measure for improvement of techniques to increase the reliability for ceramic isolation capacitors for integrated circuits	1972
19730073975	Flight hardware for AFML DO24 Skylab experiment	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073976	Complementary broadband power amplifier, 225 to 400 megahertz	1972
19730073978	Safety qualification tests of inert fuel capsule (for 100 watt rpg)	1972
19730073979	A review and perspectives on the determination of residual life of sorbents and filters	1972
19730073980	Counter-mortar radar	1972
19730073981	Device for measuring the tightness of breathing valves in protective breathing equipment	1972
19730073982	Applications of spectrometry to absorption in infrared for molecular strainers of 4 A	1972
19730073985	Initial production test (retest) of radio terminal AN/MRC-127	1972
19730073986	Unclassified reports of research and development programs at the John Hopkins Univeristy Applied Physics Laboratory	1972
19730073987	Research and development programs	1972
19730073990	Individual acceptance test, test report, connector, cryogenic	1972
19730073991	Evaluation tests of C-5A airplane aerial delivery system. Phase 3: Modified aerial delivery system components	1972
19730073992	Evaluation techniques for determining electromagnetic characteristics of electroexplosive devices	1972
19730073993	A hollow sphere calorimeter for energy measurement of pulsed high power lasers	1972
19730073994	Production engineering measure for optical integrators, optical windows and projection lenses for laser diode arrays	1972
19730073995	Individual acceptance test, test report, connector, cryogenic	1972
19730074001	Cubic boron nitride: Handbook of properties	1972
19730074002	Passive sonar detection display studies: FY 71-72	1972
19730074003	First article testing of production model IFF decoder group AN/UPA-60(V)2	1972
19730074005	Surveillance of Navy-held Mark-40 2.75-inch FFAR motors	1972
19730074006	Individual acceptance test, test report, Connector, cryogenic	1972
19730074013	Methodology study of determination of aiming error in helicopter armament systems	1972
19730074014	Performance improvement study, AGT-1500 turbine engine 9800 CFN sponson mount and engine mount self cleaning air cleaners	1972
19730074019	Integrated tactical communications system study (INTACS). Volume 3: Communications systems plan, signal organization, and transition plan	1972
19730074030	Human factors engineering deficiencies aboard CVAS	1972
19730074031	Isothermal compressibility for four fluids	1972
19730074032	Production engineering measure for S and C band injected beam cross-field amplifiers employing ceramic mounted slow wave structure	1972
19730074034	Photoemission in the 1-2 micron range	1972
19730074035	Production engineering for growth of synthetic calcite polarizer material	1972
19730074038	Satellite orbit prediction and determination (mathematical relationships)	1972
19730074039	Preliminary study of a microwave link across an airfield runway	1972
19730074040	The design, construction and performance of the AML-Shell 1 kW hydrazine/air fuel cell power plant	1972
19730074041	Liquid drop absorption and evaporation from a substrate: The varying surface area model	1972
19730074042	The multiple Exray concept; test summary report	1972
19730074043	Fatigue testing objectives, philosophies and procedures	1972
19730074044	Six degrees of freedom simulation for trajectory analysis and aerodynamic coefficient determination from trajectory data	1972
19730074045	Black Brant rocket ADD-3A-54 launched at Churchill Research Range - 8 February 1972. Measurements of height profile of the infrared atmospheric O2 and Oh bands	1972
19730074047	The data acquisition center of the oceanographic ship Capricorn	1972
19730074048	An examination of the constant scuffing temperature postulate using some results of IAE gear machine tests	1972
19730074049	The experimental production of coarsely sampled acoustic holograms	1972
19730074052	Study of Q-band hybrid microwave integrated circuits	1972
19730074053	Lagrangian studies of plasma wave interactions, part 2	1972
19730074054	Polarization on nonlinearly generated harmonic for oblique propagation	1972
19730074055	Pressure effects in sealed delays containing boron fuelled gasless compositions	1972
19730074056	Extreme values of annual and monthly snowfall amounts at Halifax, N. S.	1972
19730074058	Monthly record: Meteorological observations in Canada, June 1972 and supplement	1972
19730074059	Information storage and display devices using liquid crystal compounds	1972
19730074061	Neodymium laser glass	1972
19730074063	Study of LSA devices for X-band	1972
19730074064	Solid state green lamps	1972
19730074065	Effect of assembly strains on the properties and reliability of silicon devices	1972
19730074066	Boundary conditions on a vortex sheet in non-steady flow	1972
19730074070	Laser measurements in the terrain of a Hornet firing (U)	1972
19730074083	Investigation of F-4 shipboard recovery operations (U)	1972
19730074103	Combat Snap, phase 1 (U)	1972
19730074144	Survey of laser reflectivity measurements at 1.06 microns (U)	1972
19730074151	Digital accuracy and sensitivity study of Fluidic Directionally Controlled Honest John (FDCHJ) (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074163	Development of weapons system lethal criteria SRAM (U)	1972
19730074190	Terrain following effects on system performance (U)	1972
19730074269	Thermophysical properties of Tempilaq passive temperature indicators	1972
19730074270	Process description for high temperature, high-voltage shielded flat electrical cable	1972
19730074271	Properties of FR5 printed circuit boards	1972
19730074272	Chemistry and Materials Science Division	1972
19730074273	POTENT: A package for the computation of electric and magnetic fields	1972
19730074274	MITEM: The Culham implementation	1972
19730074275	Culham Laboratory plasma physics and fusion	1972
19730074278	Interagency Mechanical Operations Group, Subgroup on Joining, minutes of Meeting Ten. Volume 2: Electron beam welding research	1972
19730074282	Vacuum jacketed composite lines,	1972
19730074300	The use of coded multiple beams for aircraft angular guidance systems	1972
19730074301	Study of polycarbonate as a glazing material for aircraft windows and canopies	1972
19730074302	Investigation of glasscloth reinforced laminates bonded with FrielCrafts resins	1972
19730074304	The effects of runway surface texture on aquaplaning	1972
19730074305	The study of inter-facial behaviour of carbon fibres in synthetic resin matrices	1972
19730074308	The thermal degradation of vinylidene fluoride/hexafluoropropylene copolymer type elastomers	1972
19730074309	Multilayer interconnection techniques for integrated circuits and their application to spacecraft electronic systems	1972
19730074310	The effect of steady tailplane lift on the oscillatory behaviour of a T-tail flutter model at high subsonic speeds	1972
19730074312	An iterative method for calculation of the loading of a thin unswept wing	1972
19730074313	Fuel overflow and tank differential pressure due to air release from fuel at altitude	1972
19730074315	Computation of the velocity field induced by a planar source distribution approximating a symmetrical non-lifting wing in subsonic flow	1972
19730074316	Some calculations for air resonance of a helicopter with non-articulated rotor blades	1972
19730074318	Lifting-surface theory for a rotating blade row. Part 1: Subsonic blade flow	1972
19730074319	An application of topographical analysis to the wear of polymers	1972
19730074320	The effect of carbon fibre on epoxide resin cure	1972
19730074331	High temperature deformation of Bi ₂ Te ₃ for thin film thermoelectric devices	1972
19730074358	Flight test data for a Cessna Cardinal	1972
19730074360	Conceptual design of an advanced technology light twin aircraft	1972
19730074363	Approximation of the atmospheric density and winds from the radar track of a passive inflatable falling sphere	1972
19730074364	System response smoothing of the passive inflated falling sphere	1972
19730074366	An experimental airborne meteorological rocketsonde data digitizer	1972
19730074367	Effect of the acoustic boundary layer on the wave propagation in ducts	1972
19730074372	Asymmetric wing loads on a Canberra aircraft during flight in turbulence	1972
19730074373	The tolerance of the general public to a speed differential between adjacent floors, with special reference to pedestrian conveyors	1972
19730074374	Calculations of the steady conical flow past a yawed slender delta wing with leading-edge separation	1972
19730074376	Boundary conditions on a vortex sheet in nonsteady flow	1972
19730074377	Synthesis of the (A 2 sigma (X plus) yields (X 2 pi) bands of OH and a 1 Delta g yields (X 3 Signa g-) bands of O ₂	1972
19730074380	Near-zone radar cross-section	1972
19730074381	Stress measurements on inflated model parachutes	1972
19730074382	Battery charger	1972
19730074383	The quality of weld seams in packaging foils	1972
19730074384	Electrostatic accelerometer (ESA) development	1972
19730074386	Models of nondiversity digital receiver performance in general noise	1972
19730074388	Frequency doubled, single frequency Nd:YAG laser	1972
19730074393	Study of high speed thyristors	1972
19730074394	A robust hybrid temperature sensor	1972
19730074395	Fog occurrence at Calgary International Airport, Alberta	1972
19730074396	B-1 welding techniques. Plasma arc welding	1972
19730074397	Production engineering measure for electronic quality assurance test equipment, automatic (EQUATE)	1972
19730074399	Flight test evaluation and calibration of AIMS airborne ATRBS equipment for the UH-1E helicopter	1972
19730074404	C-5A nacelle and pylon internal loads analysis, book 1	1972
19730074409	TD NICR fastener development	1972
19730074410	Application of very high pressure hydraulic systems to aircraft	1972
19730074411	Minuteman II/III braided cable development program P113C evaluation/-qualification test report	1972
19730074414	Radiation effects studies: Short-term annealing	1972
19730074415	Design of the optimal side window temperature controller B-1 air vehicle	1972
19730074420	B-1 hydraulic system design deviations to applicable government documents	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074423	Tactical radio communication system concept study. Volume 3: Task B: Definition of equipment capabilities and characteristics	1972
19730074424	Tactical radio communication system concept study. Volume 6: Task E: Experimental validation of conclusions	1972
19730074425	A flexible TDMA system for 100/50 M bit/s	1972
19730074426	Nonlinear econometrics program and applications	1972
19730074431	A detailed description of the software associated with the Bishopton closed vessel on-line digital computer recording system	1972
19730074432	Star sensor assembly research package (SSARP)	1972
19730074435	Status of standard hardware module testing	1972
19730074436	Status of standard hardware module testing	1972
19730074437	Standard hardware module testing qualification	1972
19730074440	A study of remote Raman scattering for atmospheric vapor detection	1972
19730074444	Test of modified TMU-28/B spray tank components	1972
19730074445	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard	1972
19730074446	Military potential test of radar set, AN/MPQ-4A, expanded sector scan	1972
19730074448	Wideband exciter modifications	1972
19730074449	Service test of extraction force transfer coupling platform	1972
19730074450	Effect of heat treating variables on selected properties of 431 stainless steel	1972
19730074452	Chemical/biological protective suits	1972
19730074453	Open sea evaluation of the bio marine CCR-1000 General Electric Mk 10 Mod 5, and Westinghouse CCM-1 closed circuit, mixed gas, underwater breathing apparatus	1972
19730074458	Investigation of hazardous environments in enclosures. 1: Combustion products of thickened triethylaluminum	1972
19730074459	Chlorine storage and distribution system for the lithium-chlorine battery	1972
19730074462	Cold cathode vidicon	1972
19730074463	Analysis of the track handoff between the search and track radars	1972
19730074464	Titanium 3 Al-2.5V CW hydraulic tubing development	1972
19730074469	Sensor technology and terminal homing. Basic research, exploratory and advanced development	1972
19730074478	Laser photochromic large screen display system	1972
19730074480	C3 pat lot verification test. Semiconductor, diode, voltage reference, silicon, diffused glass	1972
19730074482	Installation of a self-sealing materials system in a C-130 integral fuel tank wing	1972
19730074484	Development of elastomeric and compliant materials resistant to liquid rocket propellants	1972
19730074487	Design study for a powered centrifuge type gas turbine air cleaner	1972
19730074488	Arctic surface effects vehicles program life support systems	1972
19730074492	Engineering flight test, Boeing-Vertol model 347 advanced technology helicopter, phase 2	1972
19730074499	Methods for avoiding low yields in depot repair due to the introduction of bad parts, new processes or new tests	1972
19730074502	An evaluation of the G-200 gyroscope category 3 screening test	1972
19730074503	High overpressure air blast loading tests on cylinders	1972
19730074505	A gravimetric model of the earth crust in the eastern Alpine area	1972
19730074507	Feasibility investigation of a photographic instrumentation technique	1972
19730074509	Investigation of required stable platform accuracy when testing in WESTE	1972
19730074512	Integrated tactical communications study (INTACS). Volume 2: Mid range communications concepts	1972
19730074513	C3 PAT lot verification test. Resistors, fixed, wirewound, NOC, molded or dipped, 1-2 Watt	1972
19730074515	C-5A category 1 engineering flight test guidance subsystem test results. Volume 3: Inertial Doppler navigation equipment	1972
19730074518	Thermal and mechanical properties of advanced heatshield resinous CP and carbonaceous CC composites. Volume 1: Test methods comparative data, recommended inputs and analysis	1972
19730074519	Pressure distributions on a delta wing - horizontal stabilizer combination at Mach numbers from 0.3 to 2.9 Volume 1: Summary Report	1972
19730074520	Pressure distributions on a delta wing horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 9: Horizontal stabilizer section and total surface aerodynamic coefficients, chordwise pressure distributions	1972
19730074521	Welded permanent fittings for titanium hydraulic tubing	1972
19730074522	Reconnectable titanium fittings with weld-attached sleeves for the hydraulic system	1972
19730074523	Clamps, rub strip material, and thermal insulation for titanium, hydraulic tubing	1972
19730074524	Repair fittings and repair techniques for titanium hydraulic tubing	1972
19730074526	Computer programmer AN/ASA-27A	1972
19730074530	The latest trends in the battery manufacturing	1972
19730074532	Fast crossed field photomultiplier	1972
19730074533	Nickel/cadmium aircraft batteries: Float charge test equipment	1972
19730074534	Ionization of energetic neutral atoms on a metallic surface	1972
19730074535	The analysis of the dynamic response of linear viscoelastic materials	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074536	Black Brant Rocket AMF-3A-52 launched at Churchill Research Range 21, March 1972. Operations requirement number 7018. Measurements of simultaneous emissions from atomic oxygen recombination	1972
19730074537	Black Brant Rocket ADD-2-114 launched at Churchill Research Range, 14 February 1972. Operations requirement number 7111. Optical studies of the aurora	1972
19730074538	Monthly Bulletin. Canadian upper air data, May 1972	1972
19730074539	Flight evaluation of Humphrey Gyros, model VG24-1901-1	1972
19730074541	Nuclear engineering problems of a burning rocket motor neutron irradiation	1972
19730074542	First article testing of microwave signal generator model 6201	1972
19730074543	Synthetic substrates for acoustic surface waves	1972
19730074544	MIS integrated circuits with improved radiation resistance	1972
19730074549	A facility for the determination of the ratio of charge sensitivity, relative to ambient temperatures, of acceleration transducers at temperatures in the range -60C to +240C	1972
19730074550	A review of the applications of variational methods in compressible flow calculations	1972
19730074551	Flight measurements of the lateral stability and control characteristics of a slender wing research aircraft (HP 115) and a comparison with wind tunnel results	1972
19730074552	Finite element analysis of slow incompressible viscous fluid motion	1972
19730074554	A preliminary investigation of a supersonic air intake employing an aerodynamic compression surface	1972
19730074555	The SKYNET program for backup control of the mechanically despun antenna	1972
19730074558	The use of high lift devices in civil aircraft operations	1972
19730074602	Man/systems integrating engineering on the Apollo Telescope Mount (ATM) extravehicular activity (EVA) and control displays	1972
19730074603	Acoustic propagation in ducts with varying cross sections	1972
19730074608	Analysis of surface film on maraging steel specimen from BRAS d'OR	1972
19730074613	The amount and forms of adsorbed hydrogen on a platinum electrode	1972
19730074615	Superplasticity	1972
19730074616	Nonlinear constitutive relationship for composite propellents	1972
19730074618	Special study suitability of tow equipment for airdrop	1972
19730074628	Experimenter's resistance bridge handbook	1972
19730074629	A physical approach to dynamic modeling of detection performance using preformed beams in a multitarget environment	1972
19730074630	Production engineering measure for electronic quality assurance test equipment, automatic (EQUATE)	1972
19730074631	Production engineering measure for field effect, metal-oxide semiconductor, cascode, 100 MHz, volume 3	1972
19730074633	Production engineering measure for field effect, metal-oxide semiconductor, cascode, 100 MHz, volume 1	1972
19730074634	Test and evaluation of Curtiss-Wright model EAU-7/E gas turbine engine sonic analyzer	1972
19730074636	The Franco-German Research Institute of Saint-Louis	1972
19730074637	Experimental programmable modem	1972
19730074638	Integrated target control system AN/USW-3(XN-1) (V)	1972
19730074640	Production engineering measure for field effect, metal-oxide, semiconductor, cascode, 100 MHz, volume 2	1972
19730074641	Out-of-plane prediction errors in navigation satellite orbits	1972
19730074642	Study of the extended electrode technique for welding ship structures	1972
19730074643	Inorganic dielectrics research	1972
19730074644	Technology of image tubes using 3-5 compound photocathodes	1972
19730074650	SRI engineering support for Skylab contamination experiment	1972
19730074657	Evaluation of candidate fabrics for Air Force flight suits in JP-4 fuel fire pit test	1972
19730074659	Study of recent developments in solar simulation testing	1972
19730074662	Ignition of aircraft hydraulic fluid by incendiary ammunition	1972
19730074664	Elastodynamical analysis of a simple acoustic coating model, part 1	1972
19730074665	Special testing of RF millivoltmeters	1972
19730074668	The programming system: UNIRUN. A presentation of its method	1972
19730074669	Monthly bulletin Canadian upper air data December 1972	1972
19730074671	Performance characteristics of two face pumped, face cooled glass lasers, the mini-FPL and big mini-FPL	1972
19730074673	Manufacturing technology on radiation hardened MSI/LSI integrated circuits	1972
19730074676	Effect of varying processing parameters in the fabrication of adhesive-bonded structures. Part 15: Adhesive-bonding to corrosion-resistant metal finishes	1972
19730074679	XM542 shipping and storage container for the SPRINT warhead section	1972
19730074683	B-1 external compression versus mixed compression inlet weight study	1972
19730074686	Digital computer CP-827 (XN-1)/SRN-9 integrated doppler navigation program operating instructions	1972
19730074691	Semiconductors, transistors, power, silicon, NPN, metal can	1972
19730074696	Individual acceptance test, test report: Connector cryogenic	1972
19730074697	Individual acceptance test, test report - connector - cryogenic	1972
19730074699	Data processor module configuration and programming study	1972
19730074702	Empass NP-2H digital system software	1972
19730074710	Improved Zuni rocket motor Mark 71 Mod o preproduction qualification test program	1972
19730074711	Basic capabilities development report for fiscal 1972	1972
19730074713	An OTH data processing program	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074714	Advanced military tanker wing/fuselage structural concept study	1972
19730074715	TMDE task 05, information dynamics. MAIDS study system organization technology	1972
19730074717	Read mostly memory using glassy semiconductors	1972
19730074720	Supplementary actuator seal test of hydraulic reciprocating three-and-one half inch diameter piston and two inch diameter rod seals for B-1 air vehicle	1972
19730074721	Results of magnetic particle inspection detection capability NDT demonstration program	1972
19730074725	Image enhancement	1972
19730074726	Summary of government alerts	1972
19730074727	Space-age acronyms	1972
19730074738	Screening tests of hydraulic reciprocating one inch diameter piston and one half inch diameter rod seals for b-1 air vehicle, June 1971 - January 1972	1972
19730074742	An unbiased indicator of depot repaired equipment reliability (with an LN-12 IMU example)	1972
19730074747	Airborne conformal electronic scanning array	1972
19730074750	Life cycle cost analysis of inertial systems for aircraft and air to surface missiles	1972
19730074751	Procurement and maintenance of inertial instruments and systems in the Royal Swedish Air Force	1972
19730074752	Depot level reliability analysis of the KT-73 inertial measurement unit	1972
19730074754	Studies of silver interlayer photocathodes at 1.06 microns	1972
19730074758	Qualification test report on transistors	1972
19730074760	Engineering test of pump, flood and transfer, high capacity, low pressure, 8-inch	1972
19730074774	Semiconductor device, diode	1972
19730074782	Qualification status of Teledyne for 11242096	1972
19730074786	Integrated circuit, counter - Binary, S829-1, F-4 helmet sight	1972
19730074787	Bipolar integrated circuits with improved radiation resistance	1972
19730074790	Control of boron diffusion through the gate dielectric of silicon gate MOS transistors	1972
19730074792	Navy evaluation of the UH-1N helicopter	1972
19730074793	Failure analysis of a Tescom hand loaded pressure regulator, for improper lockup conditions	1972
19730074797	A calculation method for the turbulent boundary layer on an infinite yawed wing in compressible, adiabatic flow	1972
19730074798	A discussion of viscous-inviscid interactions at transonic speeds	1972
19730074799	A suggestion for improving flap effectiveness by heat addition	1972
19730074800	Rotating large-deflexion waves in a circular plate	1972
19730074801	Facility measuring and hazards monitoring support of RP-1 loading tests	1972
19730074802	Some examples of the application of methods for the prediction of boundarylayer transition on sheared wings	1972
19730074803	Soil temperatures under a paved runway	1972
19730074804	Aeronautical Research Laboratories annual report 1971 - 1972	1972
19730074805	Synthesis of selected perfluoroalkyl-substituted polyphenyl ethers	1972
19730074815	AURORA facility	1972
19730074817	Service suitability phase of the Navy evaluation of the UH-1N helicopter	1972
19730074818	Low-noise C-band transistor gain module	1972
19730074820	Qualification of Mallory for 11241345. Capacitor, fixed, electrolytic, aluminum hermetically sealed, chassis mount	1972
19730074821	Forward Looking Advanced Multimode Radar (FLAMR). Operations ,manual, Revision A	1972
19730074822	Qualification status of Heinemann for 1124701. Fuses and circuit protective devices. Circuit breaker	1972
19730074823	A review and comparison of tactical missile control methods	1972
19730074825	Applications of amplified ferrimagnetic echoes	1972
19730074827	Research on mercury cadmium telluride detectors and material	1972
19730074828	Instrument flight evaluation OH-58A helicopter	1972
19730074830	Black Brant rocket AED-VB-28 launched at Churchill Research Range, 0344 CST 24 March 1972	1972
19730074831	Characteristics of thunderstorms in the south central Alps and foothills (continuation from no. 22). 2: The individual thunderstorm and its distribution. 3: The duration of the thunderstorm	1972
19730074832	Internal electrostatic energy of a planar dipole layer and conditions for its spontaneous formation	1972
19730074833	Results of product inspection of aluminum samples using P5F-2.5 penetrant	1972
19730074834	Helicopter Hauldown, Securing and Traversing (HST) system for LAMPS ship application, specifications for	1972
19730074841	Study of the coupling between dipoles, application to a dense dipolar log-periodic antenna	1972
19730074842	Development of a 1 kW CW, X-band parallel TWTL amplifier	1972
19730074843	The fundamentals of matrix methods for the analysis of truss and frame structures	1972
19730074844	Metallurgical studies of erosion in aluminum alloys	1972
19730074846	Reliable Advanced Solid-State Radar (RASSR)	1972
19730074848	EMPASS ground based software	1972
19730074850	A computer program to simulate laser terminal homing systems environmental effects	1972
19730074855	Integrated circuit, logic gate	1972
19730074856	Qualification status of Westinghouse for 11241854. Semiconductor, diode, rectifier, silicon, diffused, plastic	1972
19730074859	Integrated circuit, flip-flop	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074860	Integrated circuit, logic gate	1972
19730074866	Evaluation of the Teledyne JAN2N916 transistor	1972
19730074869	Evaluation of the Motorola 2N4237 transistor	1972
19730074875	Capacitor, fixed, ceramic dielectric (general purpose)	1972
19730074880	Integrated circuit, monostable multivibrator. Retriggerable, TTL9601, F-4 helmet sight	1972
19730074882	Expanded service test of anti-laser goggles	1972
19730074893	The influence of melting kinetics and liquid tensile strength on blowoff following pulsed energy deposition	1972
19730074895	Failure analysis of a Marotta solenoid valve, for external leakage	1972
19730074896	Evaluation of electrostatic charge dissipation properties using an improved test apparatus	1972
19730074906	Attaching methods, components on PCB	1972
19730074909	Relays, sealed	1972
19730074937	Development of weapons system lethal criteria B-52H strategic bomber (U)	1972
19730074958	Conduct a concurrent evaluation of the F-14A weapon system (U)	1972
19730075001	Computer simulation of radar target signature (U)	1972
19730075010	ECP-RAY-AIM-7F-4-2 (U)	1972
19730075030	Review of MIL-F-83300 flying qualities of piloted V/STOL aircraft to assess applicability to helicopters	1972
19730075032	Losses in tape braid conductors	1972
19730075033	Explosive decompression in aircraft	1972
19730075035	Low voltage electron beam welding of 2 inch (51 mm) thick Ti-6Al-4V bar	1972
19730075036	Wind tunnel force measurements on a 1/20 scale model of Black Arrow at Mach numbers of 1.2, 1.5 and 2.0	1972
19730075037	Friedel-Crafts resin/carbon fibre composites 2 toluene and terphenyl resins	1972
19730075039	CORAL 66 training course	1972
19730075040	A theoretical investigation of supersonic jets in subsonic flow fields	1972
19730075041	Approximation of the surface metric tensor by means of bicubic spline interpolation	1972
19730075042	A result concerning the supersonic flow below a plane delta wing	1972
19730075044	Experimental pressure distributions on an annular aerofoil in cross-flow	1972
19730075046	The solution of optimal control problems by a first-order gradient method	1972
19730075048	A synopsis of the tribological characteristics of carbon fibre composites	1972
19730075049	The effect of section thickness on the crack resistance of aluminium alloy L93, with measurements of plastic strain	1972
19730075050	Sampled control system for maximising the output of a travelling wave tube amplifier	1972
19730075051	The determination of content by volume of fibre, resin and voids in carbon fibre reinforced plastics	1972
19730075053	Some effects of sleep loss on a simulated flying task	1972
19730075054	Abrasion by impurities in MoS ₂ . Part 2: Bearing and chain tests	1972
19730075055	Thermoanalytical investigation of the cure of a melt processable polyimide system. Part 2: Thermogravimetry as a method for monitoring batch variability	1972
19730075056	Down-range reception of telemetry from the third-stage of the Black Arrow satellite launch vehicle R2	1972
19730075057	Fabry-Perot modulator for space use	1972
19730075058	Attached flow conditions on sharp supersonic leading edges	1972
19730075060	Speed of cinematographic films for high speed photography	1972
19730075063	The effect of boundary layer bleed on the internal performance of two half-axisymmetric air intakes with conical compression surfaces at Mach numbers between 1.8 and 2.4	1972
19730075065	The further evaluation of triplex ten twenty glass	1972
19730075066	A normal-case stereophotogrammetric system for short range three dimensional measurement	1972
19730075067	On the influence of free stream turbulence on a turbulent boundary layer, as it relates to wind tunnel testing at subsonic speeds	1972
19730075072	The automatic measurement of fluid leakage from hydraulic seals	1972
19730075073	Performance assessment of communications systems	1972
19730075075	The hail impact resistance of aluminum alloy aircraft structure	1972
19730075083	Research on materials for advanced electronic and aerospace application	1972
19730075085	Ion microprobe mass analysis of lunar samples	1972
19730075104	Synthesis and spectroscopic properties of organic laser materials	1972
19730075125	Development of high temperature thermal shock resistant materials for arc tunnel insulative liner applications	1972
19730075155	Photopolarimetry team study for the Grand Tour and Mariner-Jupiter-Saturn missions	1972
19730075156	Effect of outdoor exposure on stressed and unstressed, adhesive bonded metal-to-metal joints. Trial 2: Two year summary	1972
19730075157	Thermoanalytical investigation of the cure of a melt processable polyimide system. Part 1: General characteristics	1972
19730075166	Low speed wind tunnel tests of a 3/4 scale powered fighter model with 45 deg swept wings (U)	1972
19730075183	New results from the technological development of an industrial concern	1972
19730075185	Production engineering measure for precision resistor ladder net works film type, volume 2	1972
19730075186	Optical properties measurements for DARPA calibration satellite materials. Volume 2: Measurements on damaged materials	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075187	Carmonette 4 and Carmonette 5	1972
19730075188	Free radicals and secondary combustion in rocket exhaust plumes	1972
19730075189	Amorphous silicon vidicon targets	1972
19730075190	Semiconductor cold cathode displaying a sharp high energy cut-off	1972
19730075193	The analysis of drugs in biological samples. Part 1: Barbituates	1972
19730075194	Engineering ceramics	1972
19730075199	Cobalt-MG, the power injection for your battery	1972
19730075200	Qualification status of Aerovox, filter, electrical, 30-300 Kc, low pass, fixed	1972
19730075202	Preliminary stability analysis of a 0.0667 scale B-1 rigid model at transonic speeds using a two cable suspension system, volume 1	1972
19730075206	Allowance for the ellipsoidal figure of the earth in air navigation	1972
19730075209	Production engineering measures for packages for microstrip integrated circuits	1972
19730075210	Qualification of 14 CDC and servo enable modules (A4)	1972
19730075212	Hi-shear ElectroExplosive Device (EED) PC 62-011 power cartridge sensitivity test	1972
19730075213	Accelerated service tests of modified TF41-A-2 engine configurations. Final report on IPPB-22 and IPPB-24 configurations	1972
19730075214	Qualification testing of one, type MS90365-2 battery, manufactured by Gulton Battery Corporation under contract N00383-70-C-3405, addendum	1972
19730075216	Notes on electromagnetic backscattering for project 7220	1972
19730075217	Land navigator, AN/PSN-7	1972
19730075219	Experimental analysis of the transmission of digital signals over twisted pair cable	1972
19730075220	Tests of the 0.036 scale B-1 aero force model 3 in the NR trisonic wind tunnel to investigate the effects of variable wing dihedral TWT 262	1972
19730075222	Soviet paratroopers	1972
19730075226	Field enhanced photo-emission in the infrared	1972
19730075231	Pressure distributions on a delta wing: Horizontal stabilizer combination at Mach numbers from 0.3 to 2.9 Volume 6: Wing chordwise pressure distribution. Nacelles off	1972
19730075232	Pressure distributions on a delta wing: Horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 7: Wing net chordwise pressure distributions and isobars. Nacelles off	1972
19730075233	Pressure distributions on a delta wing horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 8, part 1: Wing chordwise pressure distributions, effects of: Nacelles, flaps, spoilers, sideslip, and Reynolds number	1972
19730075234	Pressure distributions on a delta wing horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 8, part 2: Wing chordwise pressure distributions, effect of: Nacelles, flaps, spoilers, sideslip, and Reynolds number	1972
19730075235	Pressure distributions on a delta wing horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 10: Horizontal stabilizer net chordwise pressure distributions and isobars	1972
19730075236	Pressure distributions on a delta wing horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 11: Vertical tail section and total surface aerodynamic coefficients, chordwise pressure distributions	1972
19730075237	Pressure distributions on a delta wing horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 12: Vertical tail net chordwise pressure distributions and isobars	1972
19730075243	Expanded service test of antilaser goggles	1972
19730075245	Qualification, high voltage reed relay magnecraft W102VX-50	1972
19730075248	Literature references on optical integrated circuits	1972
19730075256	Integrated circuit, static shift register, dual 16-bit, P-channel MOS, MM404	1972
19730075264	Ten year aging and storage program, wing 6 Minuteman, second-stage motors and components, program progress	1972
19730075269	Heating of a low density plasma by an intense relativistic electron beam	1972
19730075284	Qualification report for capacitor, fixed, ceramic-porcelain dielectric, General Dynamics drawing 423-800453	1972
19730075285	The winged bi-turbined helicopter SV-20	1972
19730075291	Evaluation test report on transformer, audio frequency, 30-300 kHz	1972
19730075294	Parts evaluation report. Transistor, compact, part number 53169	1972
19730075297	Practical and precise means of microwave power measurements	1972
19730075300	Introduction to the study: Logistic feasibility	1972
19730075302	Component parts evaluation report - transformer, miniature line	1972
19730075303	Report of test on line transformers for Polyphase Instrument Company	1972
19730075304	Qualification report for capacitor, fixed, ceramic dielectric, per drawing 423-800471	1972
19730075305	Prototype seal study	1972
19730075308	Advanced fighter aircraft crew stations and high acceleration cockpits design	1972
19730075312	The IMP-6 solar proton monitoring experiment	1972
19730075320	Modified isoplanar process for radiation hardened dielectrically isolated integrated circuits	1972
19730075322	Capacitor, fixed, mica, dipped, leadmount, MIL-general	1972
19730075327	Integrated circuit, logic gate, quad, 2- input NAND, DTL 949. F-4 helmet sight	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075328	Failure analysis of a Burndy multiple relay socket, for short circuit	1972
19730075340	Malfunction analysis of a Tescom regulator, VPN 26-1067-54-044	1972
19730075341	Failure analysis of bearings, (2) P/N 12417-00, from a high pressure GN2 control valve	1972
19730075342	Tescom hand loader pressure regulator, VPN 26-1063-56-043; slow response time	1972
19730075345	Expanded service test of anti-laser goggles	1972
19730075347	Tactical air reconnaissance capabilities and limitations	1972
19730075348	Expanded service test of antilaser goggles	1972
19730075349	Theoretical analysis of the optical power spectrum analyzer	1972
19730075350	Failure analysis of an American Bosch hydraulic accumulator, for external leakage	1972
19730075351	Study of corrosion protection methods for GSE application at Kennedy Space Center	1972
19730075352	Comparative evaluation of lubricant Braycote 656 with Trytox 240 AC	1972
19730075353	Integrated circuit, dual four input NAND/NOR gate, 7V supply. MK-86 fire control	1972
19730075355	Special pulse test. Resistor, fixed, wire-wound, precision	1972
19730075366	Advanced development of an improved target illumination flare	1972
19730075368	Bibliography on oxidation	1972
19730075373	USASATCOMA technical requirements SCA-2130, convolutional encoder/viterbi decoder	1972
19730075384	Qualification test report power distribution package electronics	1972
19730075391	Technology and applications of fuel cells	1972
19730075394	Evaluation of Johnson Manufacturing Corporation, P/N 5800 variable air dielectric capacitor	1972
19730075397	Socket, electron tube, 500 V RMS	1972
19730075399	Effects of transient ionizing radiation on X-band impatts	1972
19730075406	Evaluation test report on step transmitter, part number 2995388	1972
19730075409	Poseidon qualification test report. Transformer, pulse, enclosed, (not hermetically sealed), 30-300 KHZ	1972
19730075414	Current discharge frame for electrodes of lead storage batteries	1972
19730075418	LM1500 engine marinization	1972
19730075422	The development of ballistic missile defense: Decision criteria	1972
19730075430	Switches, thermostatic	1972
19730075432	Manufacturing methods for radiation hardened power structures	1972
19730075444	Improved aircraft armament test and evaluation methodology	1972
19730075447	Description of the Air Force measurement standards laboratory prototype automatic calibration system	1972
19730075451	Systematic preventive maintenance of measuring and testing equipment increases reliability of technical combat equipment	1972
19730075458	Filter, band pass: Crystal	1972
19730075459	Thermal cycling test of restrained clinched and swagged leads on wave soldered (PCB) printed circuit boards	1972
19730075460	G-200 gyroscope prebalance weight study	1972
19730075484	Turbomeca: Potential of the Turmo 3 C.4 raised from 750 to 1000 hours	1972
19730075485	Production assessment test report. Microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19730075511	Supercritical Gunn diode microwave amplifiers	1972
19730075534	Sea control ship air system C3 assessment (U)	1972
19730075579	Study and analysis of advanced solid-state aircraft sensor systems (U)	1972
19730075615	Development of third generation image tube technology (U)	1972
19730075616	Pyrotechnic research and development (U)	1972
19730075653	Radar bombing accuracy (U)	1972
19730075660	Experimental and models for prairie smoke (U)	1972
19730075674	Report of operations analysis of air deployed ADD, phase 1 (U)	1972
19730075761	Program assisted console evaluation and review (PACER) system description, volume 2 (U)	1972
19730075813	Estimates of distortion a wideband signal propagated via the ionosphere (U)	1972
19730075814	Results of the QE 2 experiment (U)	1972
19730075855	Extended bandwidth sweep lock jammer feasibility model (U)	1972
19730075880	Non-iterative method of reducing wind tunnel moment balance data	1972
19730075883	Some calculations of conditions at the intersection of a weak shock wave with a strong shock	1972
19730075885	Kalman filtering and fault detection	1972
19730075886	The effect of section size on the fatigue properties of Ti-6Al-4V bars	1972
19730075887	An analysis of a test fatigue failure by fractography and fracture mechanics	1972
19730075888	Stresses near an elliptical hole in an orthotropic sheet	1972
19730075889	Some observations on manoeuvre stability and longitudinal control	1972
19730075890	Civil aircraft airworthiness data recording programme: A study of normal operational landing performance on subsonic civil jet aircraft	1972
19730075915	Atmospheric studies in support of laser radar investigations of the marine atmosphere	1972
19730075928	Studies of human dynamic space orientation using techniques of control theory	1972
19730075933	Acoustic considerations for noise experiments at model scale in subsonic wind tunnels	1972
19730075934	The influence of a single application of a single application of heat on fatigue crack propagation in DTD 5070A (RR58) aluminum alloy sheet	1972
19730075935	Skyнет manoeuvres, September 1971 and January 1972	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075936	Rain erosion behavior of materials at 5500 feet per second	1972
19730075937	Technology of image tubes using III-V compound photocathodes	1972
19730075938	Effects of heat treatment at and above the beta transus on the fracture resistance of Ti-6Al-4V	1972
19730075943	Applied optics research report	1972
19730075945	EMP/RFI protection integrity maintenance program. USAEDH hardness program: EMP Safeguard ground facilities Grand Forks. Volume 2: EMP/RFI protection information maintenance data PARB	1972
19730075946	A study of dielectric layer protection for silicon power transistor modules	1972
19730075948	Model tests of a data buoy hull	1972
19730075949	RF burnout of silicon Schottky barrier microwave mixer diodes	1972
19730075950	Improvement of Nd:YAG laser resonator performance	1972
19730075951	Drag measurements of cones at zero angle of attack in near free molecular flow	1972
19730075952	Force and pressure distribution measurements on a wing body combination with wing of low aspect ratio in compressible flow	1972
19730075954	Generation of intense molecular beams of sub orbital energies for use in scattering experiments	1972
19730075956	Parametric design analysis and concept exploration of aerodynamically supported Arctic SEV's	1972
19730075960	Project offload: Non avionic summary of procedures and results to 15 July 1972	1972
19730075961	Meteorological observation in Canada	1972
19730075962	Static charge in chemical industry	1972
19730075964	Illumination warhead, 2.75 inch	1972
19730075965	Aircraft tire tread materials with extreme cut, tear and abrasion resistance	1972
19730075967	High temperature laminating resins	1972
19730075968	Introduction of new STOL light transport aircraft	1972
19730075975	Comprehensive treatise on the structural and thermal stability of metal chlorites and chlorates in the solid state	1972
19730075976	Color controllable optical jammer source	1972
19730075981	Investigation of thermochemical effects on blowoff of reentry vehicle heatshield resins	1972
19730075983	A life cycle cost analysis of a standard medium accuracy inertial navigation system for multiple aircraft applications	1972
19730075986	Solid state vacuum circuit power supply module	1972
19730075992	Attack helicopter: Daylight defense (USACDEC experiment 43.6), volume 4	1972
19730075993	Integrated tactical communications system study (INTACS). Volume 1: Near time frame plan	1972
19730075994	Future naval aircraft subsystem/AADC interface definition for operational and OBC requirements, volume 1	1972
19730075995	Gulf of Alaska sonar test results, April - August 1971. Volume 3: Comparison of measured and computed sound speeds	1972
19730075996	Manufacturing methods and processes on indium arsenide infrared detector arrays	1972
19730076002	Pressure distributions on a delta wing horizontal stabilizer combination at Mach numbers from 0.3 to 2.9. Volume 13: Body, nacelles, and leading and trailing edge flap load distributions	1972
19730076010	Radiation hardened bipolar high voltage power transistors	1972
19730076014	Qualification test report on diodes	1972
19730076016	A generalization of hanning	1972
19730076017	Low light level television camera	1972
19730076034	EM field measurements in low-Q-enclosures	1972
19730076035	COMSEC report, sensor technique development	1972
19730076048	Evaluation of the Motorola 2N5266 and 2N5270 field effect transistors	1972
19730076061	Analysis of instrumentation systems to monitor trace amounts of oil in water	1972
19730076062	Determine compliance with the drawing for rotational life and noise requirements. Resistors, variable, wirewound, multiturn linear, 1.0 watt	1972
19730076063	Evaluation test report. Resistor, variable, single turn, 1-2 watt	1972
19730076064	High-performance MOS/LSI modems	1972
19730076065	Evaluation test report on resistor, variable, multiturn linear, 1-2 watt	1972
19730076074	X sub S-band microwave interferometer for study of hypersonic turbulent wake on Range 5	1972
19730076079	Parts evaluation report, transistor, compact, part number 531690	1972
19730076084	Qualification report for connector, receptacle, electrical per General Dynamics drawing 423-800499-423-800500	1972
19730076093	Comparison test of trailer, cargo, 1-1/2 ton, 2 wheel, m105a2, usa no. 6r-9530, atac project no. qkp-ict-66-a16, usatecom project no. 7-4-0344-29	1972
19730076097	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the UH-1E helicopter	1972
19730076102	Services developmental test PWU-5/A USAF modular internal spray system	1972
19730076103	Guidelines for processing hybrid microcircuits	1972
19730076104	Report of test on resistor assembly, 373388-1, Dale Electronics, Inc.	1972
19730076109	Strapdown inertial guidance LSI coordinate converter phase 3 guidance data processor phase 1	1972
19730076117	Production engineering measure for low noise solid-state oscillator	1972
19730076119	Determination of locations, shadows, and apertures associated with radiation experiment placement	1972
19730076128	Bibliography on chromatography	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076132	Effects of varying processing parameters in the fabrication of adhesive-bonding and related joining methods for structural plastics, literature survey	1972
19730076147	Aerial gunnery methodology. Volume 1: Air-to-air gunnery	1972
19730076148	Aerial gunnery methodology. Volume 2: Air-to-ground gunnery	1972
19730076151	Integrated circuit, counter: Binary, S8291, F-4 helmet sight	1972
19730076152	Qualification of San Fernando capacitors, fixed, ceramic, dipped lead mount, contractor Hi-Rel	1972
19730076153	Resistors, variable, nonwirewound: Liner precision	1972
19730076174	Error sources in transducer crystals	1972
19730076176	Production assessment test report. Microelectric circuits, NOC, flat pack	1972
19730076178	Surveillance test, igniters, P/N U 31510-10, -12, -14, and -16	1972
19730076179	Bibliography on extrusion (incl. extrusions)	1972
19730076180	Electro-interference test report for the command message processing group, figure A 12	1972
19730076190	Production assessment test report. Capacitor, fixed, electrolyte, tantalum, solid hermetically sealed, lead mount, contractor Hi-Rel	1972
19730076191	Production assessment test report. Capacitor, fixed, electrolyte, tantalum, solid hermetically sealed, lead mount, contractor Hi-Rel	1972
19730076201	Thermochemical ablation of aromatic/heterocycle polymeric composites. Part 1: Compositional effects on recession rate and surface temperature	1972
19730076203	Project RONDO. Volume 2: Laboratory research	1972
19730076215	Integrated circuit, triple three input NAND/NOR gate, 7V supply. Mk-86 gun fire control	1972
19730076218	Capacitors, fixed, metallized polycarbonate film dielectric, direct current non-metallic epoxy molded case	1972
19730076219	Qualification test report on hybrid microcircuits	1972
19730076224	Production assessment test report. Microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1972
19730076225	Production assessment test report. Microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19730076227	Bibliography on forging, including forgings	1972
19730076239	The astronomical determination of polar movements by the procedures used in international latitude stations	1972
19730076244	Development of VTOL aircraft based on the T-1, Project of Aviation and space techniques	1972
19730076247	Integrated circuit, operational amplifier. Mk-86 fire control	1972
19730076255	Parts evaluation report, semiconductor diode part no. 4949752	1972
19730076260	The effect of heat treatment on the mechanical properties of D6AC steel	1972
19730076261	Development of airborne radar equipment cost/technology indices	1972
19730076266	Parts evaluation report, capacitor, fixed ceramic, dielectric, drawing 416977	1972
19730076268	Battle damage tolerant wing study	1972
19730076272	Parts evaluation report, transformer, pulse, low power, multiple, part number 533186	1972
19730076277	Application to the studies on solid electrolytes. Part 1: Measurements concerning cation conductors	1972
19730076280	Study of a mobile liquid oxygen-nitrogen generator	1972
19730076289	Qualification test report for the Boeing Company, aerospace group, on inductor, toroidal, filter	1972
19730076297	Processing of graphite bonded blocks	1972
19730076315	Electrostatic discharge system	1972
19730076317	Parts evaluation report, filter, electromagnetic interference	1972
19730076318	Parts evaluation report resistor, fixed wirewound drawing 736906	1972
19730076331	Preliminary analysis of ramp induced ballistic trajectories on shipboard aircraft takeoff performance	1972
19730076332	Turbulent boundary layers with pressure gradient	1972
19730076348	Excitation and de-excitation properties of N sub 2 and a superscript 2 (pi sub u)	1972
19730076368	Weighing the north and east direction	1972
19730076389	On the laws of conservation in physics	1972
19730076390	Ceramic systems for missile structural applications	1972
19730076394	EMP test of a P-3C aircraft	1972
19730076397	Enhancement by total internal reflection TIR of semi-transparent S.20 photocathodes	1972
19730076399	A wide range gamma survey meter	1972
19730076400	Surface temperature field greater Vancouver, British Columbia	1972
19730076402	Ultra wideband, low-noise traveling-wave tube development program (U)	1972
19730076474	Progress report to EANDC from Austria	1972
19730076476	Storage properties of four foam liquids	1972
19730076479	Electromagnetic fluid control valves for gas-jet attitude control systems	1972
19730076480	Longitudinal handling qualities of large transport aircraft during approach: A simulator study	1972
19730076481	A prediction of the law of the wall in compressible three-dimensional turbulent boundary layers	1972
19730076482	The transmission of harmonically distorted low frequency vibration to the head of the seated man	1972
19730076483	Generation of elementary functions using a digital computer	1972
19730076484	Comparative trials of the underwater effects of using a conventional and a rocket assisted ejection seat	1972
19730076485	Dry bearings: A survey of materials and factors affecting their performance	1972
19730076486	The orbit of Cosmos 248 (1968-90A) from 1968 to 1971	1972
19730076487	The design of leading-edge and intake wall structure to resist bird impact	1972
19730076488	An appraisal of aircraft fuel system instrumentation	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076489	Direct lift control in a large transport aircraft: A simulator study of proportional DLC	1972
19730076490	Data handling system for the Prospero spacecraft	1972
19730076492	Measurement of the internal performance of a rectangular air intake mounted on a fuselage at Mach numbers from 1.6 to 2, part 4	1972
19730076498	Traction drive system design considerations for a lunar roving vehicle	1972
19730076509	Optimal controller design for high performance aircraft undergoing large disturbance angles	1972
19730076538	A calculation method for the two dimensional turbulent flow over a slotted flap	1972
19730076550	Structural firing test of guided missile launching system mark 25 mod aboard the USS FRANCIS HAMMOND (DE-1067)	1972
19730076551	Low loss four port circulators for parametric amplifiers	1972
19730076552	Quarterly Bulletin of the Division of Mechanical Engineering and the National Aeronautical Establishment	1972
19730076554	Individual acceptance test, test report: Connector, cryogenic	1972
19730076562	TTY/Data-Multiplexer/Interleaver	1972
19730076563	Viewing systems handbook, volume 1	1972
19730076564	Viewing systems handbook, volume 2	1972
19730076566	C3 PAT lot verification test. Resistor, fixed, wirewound, precision, molded or dipped, .50-1.0 watt	1972
19730076568	Evaluation of the WMU-1/B catalyst generator	1972
19730076569	Evaluation of the WMU-2/B catalyst generator	1972
19730076571	TMDE task 05, information dynamics. MAIDS study program testing and diagnosis technology	1972
19730076577	The evaluation of the TRME tests performed on the improved Hawk missile	1972
19730076580	Evaluation of Fairchild U5B7741312 integrated circuit operational amplifier	1972
19730076582	Evaluation of Fairchild 2N2974 dual transistor	1972
19730076583	Evaluation of the United Transformer, Corporation DO-T11 audio frequency transformer	1972
19730076588	Evaluation of Motorola SC16226LH integrated circuit quad 2-input high threshold logic Nand gate	1972
19730076595	Ship Control Systems Symposium (3rd) held at the University of Bath England on 26-28 September 1972. Volume 2: Papers presented on Wednesday 27th September 1972	1972
19730076596	Ship Control Systems Symposium (3rd) held at the University of Bath England on 26-28 September 1972. Volume 1: Papers presented on Tuesday 26th September 1972	1972
19730076598	Annual progress report 1972	1972
19730076601	Proceedings of the Ship Control Systems Symposium (3rd) held at the University of Bath England	1972
19730076602	Annual Review, April 1971 - March 1972	1972
19730076603	A versatile method for calculating aircraft position using observations from radio fixing systems	1972
19730076604	Systems for the selection of moving targets	1972
19730076612	Conformal carriage/F-4 compatibility. Part 2: Subsonic separation characteristics of conventional weapons and advanced high density bluff weapons	1972
19730076615	Neutron failure fluence distribution for semiconductor devices	1972
19730076622	Part evaluation report, connector, receptacle, electrical	1972
19730076623	Failures of M39018 aluminum electrolytic capacitors	1972
19730076624	Evaluation of the Allen-Bradley SMFB-2 feed-thru filter	1972
19730076625	Performance assessment of communication systems	1972
19730076626	Spatial characteristics of chromatic induction: The segregation of lateral effects from straylight artifacts	1972
19730076634	Improved transmission type photo and secondary emitters using III-V compounds	1972
19730076641	Production engineering measure for the PP-6075()/U thermoelectric power source	1972
19730076646	Evaluation of American Technical Ceramics ATC 100-B5R6CMS porcelain capacitor	1972
19730076650	The fabrication and properties of carbon fibre reinforced glass composites	1972
19730076656	A suggestion for a versatile electric thruster comprising resistojets and ion motors	1972
19730076657	Effect of geometry and impact angle on the performance of ice penetrating projectiles	1972
19730076658	A review of developments in the CBR method of design for flexible pavements, 1957 - 1971	1972
19730076660	The interchangeability of earmuff cushions with respect to the sound attenuation	1972
19730076663	Fluid dynamic properties of turbulent wakes of hypersonic spheres	1972
19730076664	Anthropometric survey of COH58A 'KIOWA' helicopter	1972
19730076665	Hearing-loss risk in Canadian forces aircraft	1972
19730076672	CVD development projects	1972
19730076673	Civil aircraft airworthiness data recording programme. The use of high life devices in civil aircraft operations	1972
19730076674	Monthly record. Meteorological observations in Canada, October 1972	1972
19730076675	Separation characteristics of the unfinned BLU-27/B and CBU24B/B stores from the A-10A aircraft at mach numbers of 0.35 and 0.5	1972
19730076685	The transfer of heat and moisture through clothing fabrics	1972
19730076737	Report on performance and habitability trails on the Hovermarine HM2 MK.3: XW-555. Appendix 6	1972
19730076738	Report on performance and habitability trails on the Hovermarine HM2 MK.3: XW-555. Appendix 7	1972
19730076739	Report on performance and habitability trials on the Hovermarine HM2 MK.3: XW-555. Volume 3	1972
19730076740	Report on performance and habitability trails on the Hovermarine HM2 MK3: XW-555. Appendices 1 to 3	1972
19730076746	Performance evaluation of HF miniloop antenna model MLA-1B	1972
19730076747	Turbulent flow test results on NOL ablative plastic composites	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076753	Multimode radar development for future weapon control systems, volume 2, appendix H	1972
19730076768	Aerospace SA341G gazelle flight manual. Part 2: Additional characteristics for optional equipment	1972
19730076885	System safety analytical technology, fault hazard analysis	1972
19730076919	Application to ball lapped and tri-cresel-phosphate treatment to G-200 gyroscope ball bearings	1972
19730076924	Laser image intensifier technical development and status, FY 1971 and 1972	1972
19730076942	Qualitative Material Development Objective (QMDO) for multipurpose automatic inspection and diagnostic equipment and techniques (MAIDS)	1972
19730076953	Advanced towed array telemetry research and development (U)	1972
19730077023	Method for local determination of Young's modulus of pyrocarbon	1972
19730077024	Measurement of cold work in type 316 stainless steel	1972
19730077028	Independent research and development programs for 1972-1973	1972
19730077029	SOAP 1900: Simplify obscure Algol programs for ICL 1900 computers	1972
19730077030	The measurement of local in-plane surface displacements using a Moire technique	1972
19730077032	Further comparisons of different methods of assessing the free oscillatory characteristics of aeroelastic systems	1972
19730077033	The identification of the Hunter Mk 12 aerodynamic derivatives, using an automatic model-matching procedure	1972
19730077034	A four degrees of freedom, cockpit motion machine for flight simulation	1972
19730077035	Design development of an aircraft strut in carbon fibre reinforced plastic	1972
19730077036	The form of the complementary function of a binary aeroelastic system at frequency coalescence	1972
19730077037	On the nature of large clear air gusts near storm tops	1972
19730077038	The effect of leading-edge geometry on high speed stalling	1972
19730077039	The resistance to corrosion of some insulating carbon fibre reinforced plastic to aluminum alloy joints	1972
19730077040	Second-order small-perturbation theory for finite wings in incompressible flow	1972
19730077047	Flow past conically-cambered slender delta wings with leading-edge separation	1972
19730077062	Data handling system for the prospero spacecraft	1972
19730077068	Spectra of the discharge in a high repetition rate TEA CO2 laser	1972
19730077077	Engine exhaust particles as potential ignition sources of wildland fuels	1972
19730077080	Recent studies of the effect of massive blowing on planetary entry heating	1972
19730077085	Assistance to the NASA industrial application program	1972
19730077086	Space shuttle RCS engine	1972
19730077087	An ion tracer anemometer for low velocity gas flow measurement	1972
19730077088	Design, development and fabrication of solid state switching devices utilizing thick- film and bare chip packaging techniques	1972
19730077089	Design verification tests of new silver-zinc battery, Eagle-Picher part no. MAR 4368	1972
19730077091	Microwave conductivity of ionized gases and radio wave scintillation from astronomical sources	1972
19730077102	Handbook of delta operations at the eastern test range. Volume 2: Chapters 6-9 and appendices	1972
19730077122	Fatigue endurance, crack sensitivity and nucleation characteristics of structural elements in four aluminum-copper alloys	1972
19730077123	On the solution of plane stress problems using complex potentials and photoelastic data	1972
19730077124	Manned space flight nuclear system safety. Volume 2: Space base preliminary nuclear safety analysis. Part 1A: Appendix-alternate reactor data (U)	1972
19730077126	A Review atmospheric propagation measurements applicable to laser terminal homing systems (U)	1972
19730077137	Microscan signal monitoring, sorting, and analysis system	1972
19730077138	Production engineering measure for 25mm flexible fiber optic rope	1972
19730077142	Application of fluidic concepts to hydraulic control systems	1972
19730077146	Investigation of stress and chemical environments on the prediction of fracture in aircraft structural materials	1972
19730077149	Design procedure for establishing aircraft capability to operate on soil surfaces	1972
19730077150	Camera modeling panoramic	1972
19730077152	Reproduction of high resolution photography	1972
19730077154	Qualification status of Fairchild for 10182268	1972
19730077155	Application of derivatographic tests to the characteristics of domestic active carbons for manufacturing electrodes for fuel cells	1972
19730077160	Research on fast detectors for laser applications	1972
19730077161	Improved detector diode	1972
19730077162	Computer analysis of the operation of rf power transistors	1972
19730077163	A study of metal contacts to silicon	1972
19730077165	Monsoon Meteorology, by Colin S. Ramage: A digest for Africa and adjoining Indian Ocean waters	1972
19730077166	Techniques for high speed logic	1972
19730077168	Papers in meteorology and geophysics, study on local distribution of cloud nuclei observation at Irozaki, Izu Peninsula, and Mout Fuji	1972
19730077171	Design and development of a mechanical low drag fuze sensor	1972
19730077174	Life cycle cost study of convoluted conduit versus braided cable for EMP requirements on the B-1	1972
19730077180	Functional and effectiveness test of the improved target illumination flare shielded flare	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077184	Research to investigate the properties and structure of metals, alloys, and metallic matrix composite materials	1972
19730077185	C-5A nacelle and pylon loads analysis, book 2	1972
19730077189	Rope project. Volume 2: Reentry observables	1972
19730077194	Maintainability of Air Force ground systems nonelectronic equipment/devices	1972
19730077196	Initial production test of converter, liquid-to-gas motor driven	1972
19730077199	Status of standard hardware module testing	1972
19730077200	Status of standard hardware module testing	1972
19730077201	Countermeasures research	1972
19730077202	Manufacturing methods and processes for high resistivity thin film resistors for radiation hardened integrated circuits	1972
19730077203	Generalized conclusions concerning life cycle costs of Air Force inertial navigation systems	1972
19730077205	A study of the mixture and combustion of two parallel supersonic flows of air and methane	1972
19730077206	Production engineering measures vapor phase cooled traveling wave tubes	1972
19730077207	Aerodynamic configuration and component definition study. CEI/subsystem design analysis reports. Volume 2: Mechanical design	1972
19730077208	Functional check-off procedure Mk-7 arresting gear power re-reeve winch assembly, NAVAIRENGCEN P/N 616760	1972
19730077210	Individual acceptance test, test report, connector, cryogenic	1972
19730077211	Individual acceptance test, test report connector, cryogenic	1972
19730077215	Structure and properties of synthetic fibers and properties of the finished textiles	1972
19730077218	The prediction of base pressure in subsonic flow past wedges	1972
19730077220	Annual Report, 1971	1972
19730077221	Project Eastern Mediterranean 1967 - 1968. Results of hydrology and current measurements made on board the oceanographic vessel Jean Charcot. Results of hydrology and current measurements made on board the Turkish frigate	1972
19730077222	B-1 vehicle response resulting from store drops during terrain following	1972
19730077223	Zinc inorganic silicate coatings: Five years marine atmospheric exposure	1972
19730077224	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1972
19730077225	Production engineering measure for hybrid integrated circuits for fuze applications. Part 1: Integrated arming and firing circuit. Part 2: Precision oscillator integrated circuit	1972
19730077226	Sled test of the LANCE missile flight control gyro	1972
19730077230	On precise gravity measurement at stations with small gravity difference, part 1	1972
19730077231	Production engineering measure for optical integrators, optical windows and projection lenses for laser diode arrays	1972
19730077237	Expanded service test of anti-laser goggles	1972
19730077240	Development of remote methods for obtaining soil information and location of construction materials using gamma ray signatures for Project Themis	1972
19730077246	Side-looking radar data requirements for automated mapping on unamace, part a. Technical report for automatic line follower, part b	1972
19730077247	Field service test and evaluation of ground support equipment associated with general purpose aircraft handling, servicing, and maintenance and armament handling and packaging	1972
19730077254	Correlation of man-made radio noise received on two antennas	1972
19730077259	Evaluation of RCA 61755 RF transistor	1972
19730077260	Wessex Mk 5 helicopter engine handling assessment with the A/AEE cold running nose door	1972
19730077261	The Third Ship Control Systems Symposium. Volume 3: Papers presented on Thursday, 28 September 1972	1972
19730077265	A-6 aircraft EMP test plan and recommendations for tree testing, volume 3	1972
19730077267	Integrated circuit, triple 3 input positive NAND gate, digital. The mk 86 fire control	1972
19730077268	Evaluation of Johanson Manufacturing Corporation P/N 8057 variable, air dielectric capacitor	1972
19730077273	Qualification report for capacitor fixed ceramic-porcelain dielectric, General Dynamics drawing 423-800455	1972
19730077274	Qualification of Mallory for 11241345. Capacitor, fixed, electrolytic alum., hermetically sealed, chassis mount	1972
19730077275	Qualification report for cable, radio frequency per General Dynamics drawing 423-800577	1972
19730077276	Qualification report for resistor, variable, non-wirewound per General Dynamics drawing 423-800596	1972
19730077279	Capacitor, fixed, NPD, hermetic seal, 82PF, 5 per cent, 50 VDC	1972
19730077283	Crystal unit, quartz	1972
19730077285	Thermodynamic performance of Dalton refrigerators	1972
19730077293	Resistor assembly-to-116 package	1972
19730077302	A catalogue of wave data from the North sea to 1971	1972
19730077304	High altitude land operations	1972
19730077306	A survey of carbon/gas reaction rates applicable to rocket nozzles	1972
19730077308	Shock testing of a nitrogen tank cryo diffusion type 220 VLR on the middle weight shock stand	1972
19730077309	A survey of noise hazards at the Combat Arms School, CFD Gagetown	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077310	The effect of gases on the conductive properties of organic semiconductors. 4.2 Measurements and results for the sublimed films of phenothiazine, phtalocyanine (metal-free), violanthrone and thionine	1972
19730077313	A 1.5 kW hydrazine/air fuel cell power plant	1972
19730077315	Ice summary and analysis 1970. Canadian Arctic	1972
19730077320	Investigation of the cause of an explosion in a primary manometer of an oxygen loading vehicle of the Air Force	1972
19730077325	Monthly record. Meteorological observations in Canada, November 1972	1972
19730077327	The electric engine and its generators	1972
19730077332	Simulation testing of a modified Bomb Dummy Unit (BDU) (AFRPL Project DAME)	1972
19730077342	A study of the effects of impulse loading on structure and mechanical properties of phenolic-carbon and PPQ-carbon heatshield materials	1972
19730077344	Turbulent flow test results on NOL carbon phenolic composites	1972
19730077361	US Air Force accident bulletin 1972	1972
19730077366	Evaluation of corrosion resistance - T58-GE-10 engine	1972
19730077390	Report on performance and habitability trails on the Hovermarine HM2 MK.3: XW-555. Volume 1	1972
19730077391	Report on performance and habitability trails on the Hovermarine HM2 MK.3: XW-555. Volume 2	1972
19730077392	Temperature compensated microcircuit crystal oscillator	1972
19730077402	C-5A. Development of structural models for internal loads analysis by computer solution. Volume 1: General	1972
19730077403	C-5A. Development of structural models for internal loads analysis by computer solution. Volume 4: Aft fuselage, 344	1972
19730077432	Report on performance and habitability trials on the Hovermarine HM2 MK.3: XW-555. Appendices 4 and 5	1972
19730077435	Production engineering measure for low noise solid-state oscillator	1972
19730077441	Research on fridged guns	1972
19730077451	Atmospheric emission at high latitudes	1972
19730077464	Investigation of the cause of corrosion of anodized aluminum side plates of a NF 5 bomb rack	1972
19730077465	Current noise in thin flim	1972
19730077473	Will the attack fighter fulfill the army's close air support requirements?	1972
19730077510	Magnetic fracture testing in vehicle parts	1972
19730077518	ABMDA field array radar (AFAR), volume 3	1972
19730077521	Test set, modules P/N 18902830000	1972
19730077522	Application of high pressure liquid chromatography to analysis of explosives and propellants. Part 1: Analysis of casting liquid by ALC	1972
19730077524	Fast primitive-equation prediction models	1972
19730077547	Multimode radar development for future weapon control systems, volume 1 (U)	1972
19730077593	Analysis of geophysical effects on Polar FOX 1 detection results (U)	1972
19730077610	MUPO nuclear data library 5. Project Dragon	1972
19730077611	Isotope program (5000)	1972
19730077612	An evaluation of 20 percent cold-worked type 316 SS fuel cladding produced by planetary ball swaging	1972
19730077614	Sodium eddy diffusivity of heat measurements in a circular duct	1972
19730077616	Nuclear spectroscopy	1972
19730077617	CuLham Laboratory Annual Report for the period April 1971 - March 1972	1972
19730077620	On a vortex-sheet model for the mixing between two parallel streams	1972
19730077637	Evaluation of the cardiovascular system during various circulatory stresses	1972
19730077726	Solar arrays for the next generation of communication satellites	1972
19730077735	Study of acorn extracts (Topical infections)	1972
19730077763	Results of product inspection of titanium samples using P5F-2.5 penetrant	1972
19730077764	A rain duration recorder	1972
19730077765	The properties of dislocation free-silicon	1972
19730077768	Display systems state of the art	1972
19730077771	Optical properties measurements for DARPA calibration satellite materials. Volume 1: Summary and measurements	1972
19730077773	Energy of frictionless deformation during drawing of OFHC copper	1972
19730077775	The Hunt algorithm filter techniques applied to EMP transfer function estimation	1972
19730077776	Transient voltage measurement facility	1972
19730077777	Development of short wavelength IR vidicon	1972
19730077783	Integrated logistics support NonDestructive Inspection (NDI) maintainability guide	1972
19730077784	Fragment damage assessments for the A-4F A-6A, A-7B, A-7E and F-4J aircraft from early burst of the general purpose bombs Mark 81, 82 and 83	1972
19730077790	Integrated circuit	1972
19730077800	Failure analysis of aminco nipple and collars, high pressure gaseous nitrogen system	1972
19730077802	Evaluation of the Motorola 2N4234 transistor	1972
19730077803	Failure analysis of tygon tube assembly, battery laboratory	1972
19730077806	Incoherent scattering of light by a high temperature magnetized plasma	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077810	Qualification status of amphenol. Connector, electrical, plug only, R. F. angle	1972
19730077812	Evaluation of the omni spectra OSM 211 RF coaxial connector	1972
19730077813	Evaluation of the sealectro 50-053-0000 RF coaxial connector	1972
19730077814	Evaluation of the omni spectra OSM 243-4 RF stripline connector	1972
19730077815	Evaluation of the Americon Microwave Industries, Incorporated, 2052-5166, RF stripline connector	1972
19730077818	The mechanisms of degradation and failure in a filamentary fuse wire	1972
19730077822	Qualification report for switch, thermostatic, per General Dynamics Drawing 423-8005-98	1972
19730077823	Development and testing of a wide-temperature acoustic emission sensor	1972
19730077825	Radiation-hardened complementary MOS using SiO ₂ gate insulators	1972
19730077826	Adaptation of the P-N junction burnout model to circuit analysis codes	1972
19730077827	Hardness assurance through supplier data monitoring	1972
19730077828	A gunsight study for a high acceleration cockpit	1972
19730077838	Sensor communication system path loss measurements and analysis	1972
19730077839	Investigation of the feasibility of deleting the faying surface sealing groove in integral fuel tank boundary structure	1972
19730077840	Global Rescue Alarm Net (GRAN) analysis	1972
19730077841	Evaluation of the Dele Van Electronics 1025-20 and 1025-94 radio frequency coils	1972
19730077842	Evaluation of the omni spectra OSM 219 RF coaxial connector	1972
19730077845	Mk 48 BIP switching network evaluation test report. Relay, solid state, plastic, case, hermetically sealed components	1972
19730077850	Production engineering measure for beam-lead integrated circuits	1972
19730077856	Low-angle tracking investigation	1972
19730077858	A wide-band space feed system study, part 2	1972
19730077876	The design, development, and manufacture of the Walleye guided weapon test set AN DSM-96A	1972
19730077879	Fabrication of 20 deg shingle wrapped cylinders from Pluton/PPQ composite materials	1972
19730077886	Conference proceedings of the 6th Data Exchange for Inertial Systems. Book 2: Life cycle cost workshop	1972
19730077887	Conference proceedings of the 6th Data Exchange for Inertial Systems. Book 3: Crosstalk	1972
19730077888	Conference proceedings for 5th Data Exchange for Inertial Systems. Book 1: Presentations	1972
19730077889	Conference proceedings for 5th Data Exchange for Inertial Systems. Book 2: Crosstalk	1972
19730077913	Advanced STOL transport (medium) study, volume 2, task 2 (technical)	1972
19730077914	Advanced STOL transport (medium) study, volume 3, task 3 (technical)	1972
19730077915	Advanced STOL transport (medium) study, volume 4, task 4 (technical)	1972
19730077916	Advanced STOL transport (medium) study. Volume 5: Performance data	1972
19730077917	Advanced STOL transport (medium) study. Volume 6: Costs and schedules	1972
19730077927	Gas etching of dielectrics and metals	1972
19730077954	Combat Sage. PACAF weapon system evaluation program (U)	1972
19730078004	Nuclear spectroscopy	1972
19730078005	Investigations into the thermal discoloration of polyacrylonitrile. Dehydrogenation reactions of polyacrylonitrile	1972
19730078006	An assessment of the spontaneous ignition hazards of M86 hydrazine monofuel	1972
19730078007	A summary of the analysis of gust loads recorded by counting accelerometers on seventeen types of aircraft	1972
19730078030	Measurement of the internal performance of a rectangular air-intake at a Mach number of 0.9	1972
19730078037	Abrasion by impurities in MoS ₂ . Part 1: Assessment by an accelerated test	1972
19730078043	Hybrid microcircuit technology in the British national space programme	1972
19730078059	Electronic display for the terminal guidance of VTOL aircraft: An initial simulator study	1972
19730078103	Photoemission from gallium arsenide	1972
19730078104	Microwave integrated power transistor amplifiers	1972
19730078105	Dynamic and aeroelastic problems of stop-rotors and their analytical treatment. Part 1: Analytical determination of the natural vibrations of rotor blades and the steady and unsteady airloads on the blade during stopping and retracting	1972
19730078107	Unsteady pressure measurements on a harmonically oscillating wing model in three dimensional compressible flow	1972
19730078108	Canadian upper air data	1972
19730078110	Chemiluminescent summary	1972
19730078112	EVS windows optical requirements	1972
19730078115	A study of a twin-cushion concept for an Arctic SEV	1972
19730078117	Report of electromagnetic compatibility tests conducted on USAF HH-1H helicopter S/N70-2457	1972
19730078119	Tactical weather system initial operational test and evaluation (IOT and E) test report, September - November 1972	1972
19730078120	Determination of aerodynamic coefficients for a flexible aircraft under symmetric flight conditions	1972
19730078121	Busy Hour Model user's manual	1972
19730078122	AUTODIN Simulator (AUSIM) user's manual	1972
19730078123	TMDE task 05, information dynamics, Multipurpose Automatic Inspection and Diagnostic System MAIDS technical report. Language design study for automatic test equipment	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730078128	C3 PAT lot verification test. Resistor fixed, wirewound, NOC, molded or dipped, 1-2 Watts	1972
19730078131	Design of digital antenna range for testing Empass Antennas	1972
19730078136	Evaluation of Fairchild U5R7723312	1972
19730078141	Integrated circuit, logic gate	1972
19730078142	Integrated circuit, decoder	1972
19730078143	Integrated circuit, logic gate	1972
19730078147	Metallization failures caused by organic adhesives used in hybrid microelectronic devices	1972
19730078149	Evaluation of Fairchild Q/A 27711BG integrated circuit dual differential voltage comparator	1972
19730078150	Evaluation of the Motorola SC16228LH integrated circuit quad 2-input, high threshold logic, NAND gate	1972
19730078153	Evaluation of the Motorola SC16208LH integrated circuit triple level translator	1972
19730078161	Estimation of turbulent base pressure and heat transfer for carbon/carbon reentry vehicle flight tests	1972
19730078163	Engineering test of pump, petroleum products, high capacity, high pressure, 8-inch	1972
19730078165	Fatigue properties of solder joints	1972
19730078169	Parts evaluation report, 2N4261, transistor	1972
19730078170	Parts evaluation report, transistor, compact, part number 531690	1972
19730078171	Ion microprobe analysis of hydrogen in titanium in relation to the massive void problem in electron beam welds	1972
19730078172	Materials, evaluation, insulation, electrical cable	1972
19730078173	Quality Assurance Briefs, August 1972	1972
19730078174	Quality Assurance Briefs, September 1972	1972
19730078176	FM radio beacon	1972
19730078179	Parts evaluation report, relay 2 PDT, bi-filar, TO-5 modified mount	1972
19730078184	Evaluation test of T570004 300 lamp, light emitting diode	1972
19730078185	Capacitors, fixed, metallized polycarbonate film dielectric, direct current nonmetallic epoxy molded case	1972
19730078189	Evaluation of American Technical Ceramics ATC-100-B201JMS porcelain capacitor	1972
19730078190	Evaluation of Johanson Manufacturing Corporation, P/N/ 5501 variable air dielectric capacitor	1972
19730078191	Switch, thermostatic, opens at 200 F, closes at 230 F, hermetic seal, grounded case	1972
19730078196	Indicator, digital display-seven segment, incandescent, 5 volts	1972
19730078198	Investigating techniques for achieving high efficiency operation in high peak and average power LSA diode oscillators	1972
19730078207	Aging effects on electrical and radiation characteristics of discrete semiconductors	1972
19730078208	Cold flow simulation to characterize gaseous injector elements.	1972
19730078210	Feasibility of a fluidized powder demand mode gas generator	1972
19730078211	Shock interference heating in hypersonic flow	1972
19730078213	Semiconductor device photo-light emitting	1972
19730078224	Relay armature-hermetically sealed	1972
19730078225	Resistor assembly-to-116 package	1972
19730078234	Evaluation of Johanson Manufacturing Corporation, P/N 5401 variable, air dielectric capacitor	1972
19730078240	Development and evaluation of an improved self-aligning input shaft for the Sundstrand 30 AGD03 constant speed drive in the F-4 J airplane	1972
19730078243	Bibliography on porous materials	1972
19730078247	Evaluation of electric discharge machining surface and subsurface integrity using photomicrographs	1972
19730078257	Improved tooling for large structural components	1972
19730078259	Conference proceedings of the 6th Data Exchange for Inertial Systems. Book 1: Presentation	1972
19730078267	Quarterly bulletin of the division of Mechanical Engineering and the National Aeronautical Establishment, 1 Apr. - 30 Jun. 1973	1972
19730078272	The determination of residual potassium nitrate in igniter powder compositions by flame emission spectrophotometry	1972
19730078277	Study of the vibrations of a thin plate coupled with a fluid	1972
19730078281	Safeguard site EMC/RFI surveillance test plan Grand Forks, N. C., location, Volume 1	1972
19730078282	Advanced STOL (medium) study. Volume 2, part 2: Technical appendices A through F	1972
19730078283	Advanced STOL transport (medium) study. Volume 2, part 2: Technical appendices G through I	1972
19730078284	Advanced STOL transport (medium) study. Volume 3: Performance data	1972
19730078285	Advanced STOL transport (medium) study. Volume 2, task 2: New airframe and derivative engines, MF/VT	1972
19730078286	Advanced STOL transport (medium) study. Volume 3, task 3: New airframe and engines, MF/VT and EBF, part 1	1972
19730078287	Advanced STOL transport (medium) study. Volume 8: Appendixes, computational methods	1972
19730078297	Advanced STOL transport (medium) study. Volume 1: Summary	1972
19730078298	Advanced STOL transport (medium) study. Volume 1. Task 1: Existing airframe and engines, MF/VT	1972
19730078321	Acoustic environmental scenarios and predictions for ASW. Volume 4, area 2: Winter predictions for passive sonar	1972
19730078353	F-8 fuselage catapult keel support structure fatigue test	1972
19730078382	Extended combustion chemical laser (U)	1972
19730078408	Optical ECM techniques program (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730078517	Tables and graphs for the jump conditions across magnetohydrodynamic shock waves	1972
19730078518	InteraGency Mechanical Operations Group, Subgroup on Gaging minutes of Meeting 34	1972
19730078848	Aerial cameras, aerial films, and film processing	1972
19740002548	Ionization of internal electron shells in near-adiabatic collisions of heavy ions	1972
19740003099	The applicability of remote sensing to the detection, identification, and monitoring of power transmission right-of-ways within selected areas of the TVA region	1972
19740003100	Urban-field land use from RB-57 photography: The Boston and New Haven areas	1972
19740003508	High Pressure Physics and planetary interiors	1972
19740003684	AID/NASA pilot project for technology transfer to a developing nation. Republic of Korea	1972
19740004075	Potential of land use mapping in the TVA with hyper-altitude and space photography	1972
19740006680	Biomagnetism: A annotated bibliography	1972
19740006779	Testing and assessment of co-channel video interference on television, Attachment 1	1972
19740006958	Some forest interpretation potentials of hyper-altitude photography and ERTS-A imagery applications and prognostications, Tennessee Valley test site	1972
19740009947	Proceedings of the 8th International Symposium on Remote Sensing of Environment, Volume 2	1972
19740025727	Environmental application of remote sensing methods to coastal zone land use and marine resource management	1972
19740072203	Effects of strap-on boosters on the aerodynamic characteristics of a simulated launch vehicle at Mach numbers from 1.50 to 2.86	1972
19740072475	Is 17 Leporis a shell star?	1972
19740072476	Matrix effects of iron and nickel in aqueous solutions and powdered samples in X-ray fluorescence spectrometry	1972
19740072477	Heat flow experiment	1972
19740072820	High energy cosmic gamma-ray observations from the OSO-3 satellite	1972
19740072832	Sleep-wake cycle of an unrestrained isolated chimpanzee under entrained and free running conditions	1972
19740072856	Rocket exhaust plume computer program improvement. Volume 2: Final report. User's manual method-of-characteristics plot program	1972
19740072895	Pore structures induced by water vapor adsorbed on non-porous lunar fines and ground calcite	1972
19740073721	Discrete-time convolution feedback systems	1972
19740073722	Hydrogen-antihydrogen interactions	1972
19740073759	Human factors in long-duration spaceflight	1972
19740073767	FY73 research and technology operating plans	1972
19740073777	JPL basic research earth review	1972
19740073804	Polymer compatibility	1972
19740073805	Inhomogeneous swelling in filled elastomers	1972
19740073809	Effects of aerobically oxidized cellulose on blood coagulation	1972
19740073812	Photographic study of solid propellants burning in an acceleration environment	1972
19740074661	The electronic structure of disordered alloys: Iteration scheme converging to the coherent-potential approximation	1972
19740074668	A lattice theoretic solution to a problem in memory re-allocation	1972
19740074673	Chlorpromazine metabolism in sheep. 2. In Vitro metabolism and preparation of 3H-7-hydroxychlorpromazine	1972
19740074679	Sideband instability in the water bag approximation	1972
19740074680	On the determination of optimal costly measurement strategies for linear stochastic systems	1972
19740074698	Low temperature acoustically measured specific heats and elastic constants of four technical polymers	1972
19740074921	A graphical test for checking the stability of a linear time-invariant feedback system	1972
19740075005	S-IC intertank umbilical carrier and flight plate	1972
19740075162	Excitation of the metastable E (3 Sigma g plus) state of N2 by electron impact	1972
19740075165	Effects of continuous inhalation of dichloromethane in the mouse: Morphologic and functional observations	1972
19740075172	The dihalides of group 4B elements	1972
19740075175	General-purpose Microwave Circuit Analysis Incorporating Waveguide Discontinuity Models	1972
19740075180	Investigation of Fe local moment behavior in Cu/Zn alloys by Moessbauer measurement	1972
19740075305	Theoretical research on plasma turbulence involving binary particle collisions and effects	1972
19740075367	Nonlinear filtering for random signals in statistically unknown noise	1972
19740075386	Hydrostatic pressure effects on protein synthesis	1972
19740075575	High-energy X-ray Sources near the Galactic Equator Between L2 Approximates 335 Deg and L2 Approximates 350 Deg	1972
19740075858	High resolution Raman and infrared spectra of NO2 and SO2	1972
19740075859	Initiating research on power plant siting	1972
19740075860	Application of a mathematical theory for urban populations	1972
19740076059	Skylab mission CSM guidance, navigation and control systems analysis plan, appendix A	1972
19740076095	Response of Escherichia coli B/R to high concentrations of sucrose in a nutrient medium	1972
19740076096	The X-ray absorption measure of Sco X-1	1972
19740076097	Soft X-rays from the vicinity of the North Polar Spur	1972
19740076103	Reorganization of the NASA Division	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740076106	Development of ultraviolet lasers	1972
19740076149	Sites and mechanisms of the conversion of Angiotensin I to II	1972
19740076150	Identities related to variational principles	1972
19740076151	Comments on lunar origin	1972
19740076154	Space time processing for optimal parameter estimation	1972
19740076187	Microwave spectrum, structure, and dipole moment of N, N-dimethylaminodiborane	1972
19740076188	Electron microscopy studies of the surface structure of KCl crystals vaporized under near-equilibrium conditions	1972
19740076190	Exact investigation of all effects for extensions of one-way ANOVA model with fixed effects	1972
19740076193	Optical third-harmonic generation in alkali metal vapors	1972
19740076196	Closed-form Glauber cross sections in P-H electron-H collisions	1972
19740076383	Discrepancies in stratospheric Aitken nuclei counts	1972
19740076387	Certain infinite Markov chains and sequential decoding	1972
19740076398	Microflora of soil as viewed by transmission electron microscopy	1972
19740076473	International Conference on the Core Mantle Interface: Land is just an island, birth of sea grant	1972
19740076514	Temperature dependence of the electron density of states and dc electrical resistivity of disordered binary alloys	1972
19740077026	The high-capacity storage problem: Is optical holography the answer?	1972
19740077276	Advanced turbopump technology program	1972
19740077277	Tables of X(N/2) for various values of N equaling 1, 3, 5, 7 and X in increments of 0.0001 (from 0 to 1.9)	1972
19740077336	Nuclear transfers in amphibian eggs	1972
19740077337	Cell fusion	1972
19740077396	Schedule independent factors contributing to schedule induced phenomena (8)	1972
19740077530	Nature and changes of organic matter in deep ocean cores	1972
19740077571	Identities related to variational principles	1972
19740077587	Mass transfer in hypersonic flows	1972
19740077649	Quantitative aspects of drug-receptor interactions. 1 Ca(2+) and cholinergic receptor activation in smooth muscle: A basic model for drug-receptor interactions	1972
19740077651	Quantitative aspects of drug-receptor interactions. 2: The role of Ca(2+) (-mem) in desensitization and spasmolytic activity	1972
19740077660	Development of specification to evaluate elastomers relative to aging resistance	1972
19740077790	Membrane potential of phospholipid bilayers: Ion concentration and pH difference	1972
19740077795	Saltation of plastic balls in a one-dimensional flume	1972
19740077807	The mental map	1972
19740077808	Cardiopulmonary response to space flight	1972
19740077809	Meteorological data needs for Skylab remote sensing experiments	1972
19740077810	An instrument for real-time detection of contamination in space environmental test chambers	1972
19740077811	Medical technology advances from space research	1972
19740077812	The space shuttle program and its implications for space biology research	1972
19740077813	The manned Spacecraft Center and medical technology	1972
19740077814	The manned Spacecraft Center and remote health care	1972
19740077815	Biochemical responses in spaceflight	1972
19740077817	Materials testing in a gaseous oxygen environment	1972
19740077818	Experiment, hypothesis and theory in the development of concepts of cell membrane structure	1972
19740077819	Complementary DNA base interactions: Application of recently refined electrostatic interaction theory	1972
19740077820	Effects of serotonin on strain L mouse	1972
19740077821	Calculation of molecular quadrupole moments and a demonstration of the importance of overlap densities in the theory of polyatomic molecules	1972
19740077822	Towards an interaction theory for large molecules	1972
19740077823	On the decomposition of a dynamical system into non-interacting subsystems	1972
19740077824	Accessibility of calcium ions to anionic sites of lipid monolayers	1972
19740077825	The effect of membrane parameters on the properties of the nerve impulse	1972
19740077829	Vibration and acoustic tests of the reconfigured Apollo service module adapted for Skylab missions	1972
19740077835	Extreme environments: Mechanisms of microbial adaption	1972
19740077841	Histograms of Rhode River test site training sets	1972
19740077842	Effects of glutamine on the two catalytic activities of glutamine synthetase in cultured mouse cells strain L	1972
19740077843	Autonomous state classifications by dynamical systems	1972
19740077844	Calculation of diamagnetic susceptibilities and shielding in polyatomic molecules, with analysis of wavefunctions and the importance of multicenter integrals in the theory	1972
19740077845	Further comments on autonomous state classifiers and an application to genetics	1972
19740077846	A quantitative demonstration of the domain of convergence of multipole representations of molecular potentials	1972
19740077847	The effect of hypokinesia on plasma ACTH and cortisol concentrations	1972
19740077848	Effects of surface bubbles on heat-transfer characteristics of spacecraft paints	1972
19740077849	Endocrine/metabolic changes in Apollo astronauts	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740077850	Skylab nutrition experiments	1972
19740077851	Space shuttle orbit maneuvering engine	1972
19740077860	Industry, society and genetic engineering	1972
19740077861	Alternative equations for mass and molar equilibrium constants derived from the multinomial theory	1972
19740077863	Genetic engineering: The good that can come	1972
19740077866	Context and future of cell synthesis	1972
19740077867	Artificial life synthesis: 10 to the eighth power years of evolution in one	1972
19740077868	Artificial synthesis of new life forms	1972
19740077869	The artificial synthesis of new life forms in relation to social and industrial evolution	1972
19740077877	MSC presentation to the congressional subcommittee on Manned Space Flight	1972
19740077883	Adsorption and desorption studies of phospholipid at the air/water interface	1972
19740077885	Strain specificity in amoeba proteus	1972
19740077886	Some historical aspects of amoeba studies	1972
19740077889	Steady and transient temperature distributions on the skin of a human thigh covered by a water cooled pad	1972
19740077907	NASA development of firefighter protective equipment	1972
19740077910	A Viking mission with Martian satellite rendezvous	1972
19740077911	Cyclic creep of key structural alloys for the space shuttle	1972
19740077912	Technology advancements in the growth of germfree plants at the Manned Spacecraft Center	1972
19740077915	Nutritional aspects of the Skylab program	1972
19740077926	Fungi isolated from Apollo astronauts	1972
19740077935	Some new techniques in passive contaminant analysis of space environment simulation chambers	1972
19740077936	The design and application of an infrared simulator for thermal vacuum testing	1972
19740077955	Medical considerations in site selection: IMBLMS phase C, volume 2	1972
19740077956	Design considerations: IMBLMS phase C, volume 3	1972
19740077986	Study and design of a cryogenic propellant acquisition system	1972
19740077987	Study and design of a cryogenic propellant acquisition system	1972
19740077988	Study and design of a cryogenic propellant acquisition system	1972
19740077990	Study and design of a cryogenic propellant acquisition system	1972
19740077991	Primary loop pump assembly preliminary design review for NASA-LeRC	1972
19740078146	Calculations of molecular octopole moments for water and methane	1972
19740078165	The 1971 corn blight watch experiment	1972
19740078168	Skylab food system project support and management	1972
19740078174	NASA dental program for manned space flight	1972
19740078187	Reevaluation of solar flares, 1962	1972
19740078193	On interpretation of ESCA spectra with application to thymine and other molecules	1972
19740078194	Fluid/electrolyte changes in Apollo astronauts	1972
19740078307	Life detection based on soil atmosphere analysis	1972
19740078310	In situ detection of microbial respiration in soils and salt flats	1972
19740078311	Life detection based on soil atmosphere analysis	1972
19740078315	Life detection based on soil atmosphere analysis	1972
19740078515	Design integration and noise studies for jet STOL aircraft. Volume 2: System design and evaluation studies	1972
19740078516	Design integration and noise studies for jet STOL aircraft. Volume 3: Static test program	1972
19740078517	Design integration and noise studies for jet STOL aircraft. Volume 4: Wind tunnel test program	1972
19740078528	Compatibility of materials with liquid oxygen, volume 1	1972
19740078535	Spectroscopic and photochemical study of molecules important in chemical evolution	1972
19740078935	The National Aeronautics and Space Administration-US Public Health Service health evaluation and enhancement program	1972
19740078967	Test report fireman's helmets impact tests	1972
19740078970	OGO-2 experiment 5010 and OGO-4 experiment 5010A	1972
19740078977	Development of a multiple shaped beam antenna, phase 1	1972
19740078978	Engineering order 079F implementation and test plan	1972
19740078979	Finite element analysis of elasto-plastic frictional materials for application to lunar 1 earth sciences	1972
19740078981	Wallops pattern recognition task	1972
19740079002	Cell proliferation patterns in an autogenous rat sarcoma	1972
19740079011	Environmental impact statement for SRM boosters in conjunction with the space shuttle program	1972
19740079072	The effects of multipath and RFI on the tracking and data relay satellite system	1972
19740079188	ATM vibration specification revision and exceedance study	1972
19740079432	Moisture dependency of radar backscatter from irrigated and non-irrigated fields at 400 MHz and 13.3 GHz	1972
19740079435	Preliminary plan for an ATS-g RFI experiment	1972
19740079446	Storage media for free flyer astronomy experiments	1972
19740079877	NASA's second decade in space	1972
19740079903	Proton and alpha particle bombardment of mouse skin	1972
19740079912	Centaur D-1A systems summary	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080120	Study of an augmented fluidic thruster for VTOL aircraft stabilization	1972
19740080129	Guidelines for fabrication of hybrid microcircuits for shuttle electronic hardware	1972
19740080153	Preliminary review and analysis of effects of the atmosphere of Venus on radio telemetry and tracking of entry probes	1972
19740080195	Engineering model of improved diffraction limited pulsed semiconductor laser for room temperature operation, modification 2	1972
19740080238	Fire protective materials application program, volume 1	1972
19740080239	Fire protective materials application program. Volume 2: Appendices	1972
19740080252	Study for identification of Beneficial Uses of Space (B.U.S.) (Phase 1). Volume 2, Book 3: Technical Report Appendices A-F	1972
19740080253	Study for identification of Beneficial Uses of Space (B.U.S.) (Phase 1). Volume 2, Book 4: Technical Report Appendices G-N	1972
19740080280	Reusable surface insulation thermal projection system development program	1972
19740080290	Engineering and programming guide for the Navigation Analysis Program (NAP)	1972
19740080396	Analysis, design and development of a partial hydrogen reliquefier	1972
19740080411	Earth physics satellite gravity gradiometer study	1972
19740080415	Development of an electronically-tuned VHF power amplifier	1972
19740080417	Spontaneous ignition of aircraft fuels	1972
19740080418	A review of methods used for the representation of engine flows in high speed wind tunnel testing	1972
19740080420	Investigation of the cure process in an aromatic amine cured epoxide resin system by thermoanalytical techniques	1972
19740080421	Feasibility of hydrodynamic gas bearings for aircraft generators	1972
19740080425	A statistical analysis of a two input nonlinear discriminator	1972
19740080428	Low speed theoretical and experimental aerodynamics loading on highly-swept curved-tipped wings of two thicknesses	1972
19740080432	Very large shock tube studies: 6 foot corrugated pipe trails	1972
19740080452	The ability of the general public to transfer from an accelerator to a pedestrian conveyor in a limited period of time	1972
19740080458	Production engineering measure for an integrated circuit power amplifier 600-1000MHz for tactical radio equipment	1972
19740080460	Evaluation of computer 18 and 42 hour temperature forecasts for maximum and minimum temperatures for the Atlantic provinces	1972
19740080461	Delayed auditory feedback: Effects on extemporaneous speaking in a free field	1972
19740080463	Cost analysis of a large HF array transmitter system	1972
19740080466	Low-light-level television (LLLTV) in collision avoidance, navigation, and surveillance: A field evaluation	1972
19740080467	Users manual for the KODE computer program	1972
19740080468	Representation of pictorial information by synthetic textures	1972
19740080469	Optimum projectile shape for improved ammunition	1972
19740080470	EMP/RFI protection information USAEDH hardness program: EMP Safeguard ground facilities Grand Forks. Volume 6: Recommendations for testing: EMP PAR. Screening of monitoring and control subsystem equipment	1972
19740080471	Hardness program: EMP. EMP/RFI protection information PAR Grand Forks Site. Volume 3: Design drawing index	1972
19740080472	EMP/RFI protection information USAEDH hardness program: EMP Safeguard ground facilities Grand Forks. Volume 7: M/C system definition and criticality analysis: Text and figures PAR. Screening of monitoring and control subsystem equipment	1972
19740080473	EMP/RFI protection information USAEDH hardness program: EMP Safeguard ground facilities Grand Forks. Volume 8, part 1: M/C system definition and criticality analysis and screening tables par. Screening of monitoring and control subsystem equipment	1972
19740080474	EMP/RFI protection information USAEDH hardness program: EMP Safeguard ground facilities Grand Forks. Volume 9, part 2: M/C system definition criticality analysis and screening tables par. Screening of monitoring and control subsystem equipment	1972
19740080475	Hardness program: EMP. EMP/RFI protection information PAR Grand Forks Site. Volume 1: Description	1972
19740080476	Hardness program: EMP. EMP/RFI protection information PAR Grand Forks Site. Volume 2: Specifications	1972
19740080478	Fast cool-down 195 K thermoelectric modules	1972
19740080481	Low cost ramjet	1972
19740080489	WESTE exercise	1972
19740080491	Hardened solar power system	1972
19740080492	Multi-mission turbine engine propulsion simulator applications study	1972
19740080493	Results of analytical response predictions for two points on helicopter landing platform of DLG-26 and DG-1040 class destroyers	1972
19740080494	A-6A ground support equipment, crane, hangar deck, portable	1972
19740080495	Studies of pilot performance in helicopters	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080496	Explosive train design for the 2.75 inch M423/M427 rocket fuzes	1972
19740080497	Production engineering measure for beam lead tantalum thin film capacitors	1972
19740080499	Comparison of design approaches for multi-beam 7-9 GHz space antennas	1972
19740080500	Metallurgical investigation of failure of CH-46F rotor blade	1972
19740080501	Photoionization cross sections and recombination coefficients for oxygen and nitrogen plasmas	1972
19740080503	Application of cold plates to electronic equipment cooling	1972
19740080505	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors	1972
19740080506	Performance comparison of two interim conformal carriage systems on three Navy combat aircraft	1972
19740080510	Description and performance verification of a multi-stage (decreasing-increasing total drag area) parachute canopy	1972
19740080512	Production engineering measure for low radiant power infrared sources	1972
19740080516	Minuteman 2/3 braided cable development program P94D evaluation/qualification test report	1972
19740080517	Minuteman 2/3 braided cable development program P95D evaluation/qualification test report	1972
19740080518	Instrument panel and avionics compartment environmental survey production OH-58A helicopter	1972
19740080519	Bistatic thinned linear array (BISTAR) investigations	1972
19740080529	Static and dynamic analysis of conical shells under symmetrical loads	1972
19740080533	Flexible rolled-up solar array	1972
19740080534	Theory and computations of collapse and jet velocities of metallic shaped charge liners	1972
19740080535	Development of beryllium-graphite composites	1972
19740080537	Modeling of integrated circuits as components of large systems	1972
19740080539	Flight tests of an aerodynamically Neutral, Spin Stabilized Rocket (ANSSR)	1972
19740080540	Space laser design	1972
19740080543	Response analysis techniques for use with safeguard response spectrum data	1972
19740080544	Operating characteristic curves for samples from a binomial population	1972
19740080545	Zoom transfer scope	1972
19740080552	Soviet helicopter W-12 sets new standards	1972
19740080554	NRA subsystem evaluation test report 4.3.1.1: Launch control facility power checkout	1972
19740080555	NRA subsystem evaluation test report 4.3.3.8: Anti-jam interrogation and status processing	1972
19740080556	Injector/chamber scaling evaluation	1972
19740080564	EMP test plan for evaluating the shielding effectiveness of the B-1 avionics bay access door utilizing a slant coil spring as the EMP shield	1972
19740080565	Aerodynamic data for side spoiler effects on the B-1 escape module NAAL 686, appendix 6	1972
19740080566	Production engineering measure for LSI circuits for light-emitting diode displays	1972
19740080571	Land navigator test report	1972
19740080572	Experimental transonic magnus, static stability, and drag characteristics of various configurations of the 8 in, XM-673 and XM-650 projectiles	1972
19740080575	TAFIES microfilm applications study. Volume 2: TAFIES microfilm subsystem (TAMICSS) baseline specifications	1972
19740080576	Phase 1 hypervelocity rocket program. Volume 2: Flight analysis	1972
19740080577	Phase 1 hypervelocity rocket program. Volume 3: System design drawings	1972
19740080579	Cooperation: First requirement of the future report on the Great Welding Technology Meeting of 1970 at Stuttgart	1972
19740080580	Parachute/load rigging instructions for high altitude airdrops using the Confined Ballistic System (CBS) disreefing device	1972
19740080581	Engineering evaluation of Gulton Industries P/N EMIR164-250C4, 250, VA, single phase, static inverter	1972
19740080584	Evaluation of commercially available digital module test sets	1972
19740080587	Acoustic surface wave device studies	1972
19740080596	Ace high system performance analysis program description and user's guide	1972
19740080600	Monthly bulletin. Canadian upper air data, June 1972	1972
19740080601	Integrated surface wave devices	1972
19740080602	Research on gallium nitride electroluminescent light sources	1972
19740080603	The civil application of infrared scanning techniques using an airborne external instrumentation pod	1972
19740080604	SERL technical journal, volume 22, no. 3	1972
19740080605	Research into reliable manufacturing techniques for beryllium oxide components	1972
19740080606	Monthly record. Meteorological observations in Canada, September 1972	1972
19740080607	Investigation of the undulating stresses on the walls of the GSMW J-79-11A jet engine test cell at the Woensdrecht air base	1972
19740080608	O-band monolithic microwave integrated circuits	1972
19740080609	An oxygen electrode based on sintered nickel plaque impregnated with manganese dioxide	1972
19740080610	On the connection between the vertex function in coordinate space and in momentum space. 3: Dynamical lightcone singularities and the asymptotic momentum space behaviour	1972
19740080611	The linearized Boltzmann collision operator for cut-off potentials	1972
19740080613	CVD developments	1972
19740080615	Mass spectroscopy of hypersonic gas flow	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080616	Canadian upper air data. Monthly bulletin, July 1972	1972
19740080617	Meteorological observations in Canada. Monthly record, May 1972	1972
19740080618	Engines for earth restricted missiles	1972
19740080621	III-V transmission secondary electron multiplier studies	1972
19740080624	Advanced radar flight test analysis mapping with FLAMR, part 2	1972
19740080625	Production engineering measure for high voltage aluminum high-reliability electrolytic capacitors	1972
19740080628	Electromagnetic field probes	1972
19740080629	C3 lot verification test. Semiconductor, diode, voltage reference, silicon, diffused glass	1972
19740080631	Navigator-observer utilization field flying specialties study. Appendix 3: Development of training requirements	1972
19740080638	Penetration systems studies 3	1972
19740080640	Evaluation of temperature alarm sensors	1972
19740080646	Changes in transmission switching characteristics of PLZT cells under different voltage excitation conditions	1972
19740080648	Integrated circuit, operational amplifier, VA709. F-4 helmet sight	1972
19740080651	Evaluation testing of clamps 10018643-009 manufactured by Timber Top	1972
19740080652	Evaluation of adhesives for mounting Rosemount thermal sensors	1972
19740080663	Powder rocket feasibility evaluation	1972
19740080665	Thermal sensors, surface temperature reading, and adhesives for mounting thermal sensors, evaluation report	1972
19740080669	Evaluation of the Sealectro 50-011-0000 RF, coaxial connector	1972
19740080671	Design verification of Wagner 28VS200y-4A 200 ampere converter	1972
19740080678	Solid-state proximity switch	1972
19740080682	Advanced STOL transport (medium) study. Volume 3, task 3: New airframe and engines, MF/VT and EBF, part 2	1972
19740080683	Advanced STOL transport (medium) study. Volume 4, task 4: Reduced requirements airplane	1972
19740080684	Advanced STOL transport (medium) study. Volume 5: Summary	1972
19740080685	Advanced STOL transport (medium) study. Volume 6: Performance data	1972
19740080724	Advanced STOL transport (medium) study. Volume 2. Part 1: Technical	1972
19740080725	Advanced STOL transport (medium) study. Volume 4: Costs and schedules	1972
19740080726	Advanced STOL transport (medium) study. Volume 1: Summary	1972
19740080753	Satellite communication set AN/WSC-2 (XN-1) (V). Operation and maintenance instructions for set system	1972
19740080781	Sealing of beryllia ceramics to metal	1972
19740080782	Technique and problems of VSTOL transition flight with the DO31 jet transport and its significance for VSTOL technology	1972
19740080783	X-band Gunn diode pulse packet generator	1972
19740080784	Computer program for the analysis of ionization and appearance potential data obtained by mass spectrometry	1972
19740080785	A revised radiation scale	1972
19740080786	C/X-band low noise bipolar transistor	1972
19740080790	Unrestrained dimensional changes of a range of alloys irradiated in DFR	1972
19740080791	Effects of irradiation on the tensile and structural properties of FV548 stainless steel	1972
19740080792	TIGAR: A speed and storage optimised 3D diffusion code operating with the cosmos standard interface	1972
19740080794	Isotope effects on rate and equilibrium processes	1972
19740080795	Construction of mathematical software. Part 2: Some examples of mathematical software.	1972
19740080799	On the effects of picture operations on the Fourier transform and vice versa	1972
19740080801	Engineering reference manual for irradiated semiconductor devices	1972
19740080860	TOW weapon system, comparison test program for TOW second source production missiles	1972
19740080862	A synthesis of fan design for air cushion vehicles, phase 1	1972
19740080887	Growth of large single crystals of Al ₂ O ₃ by the gradient furnace technique for transparent armor applications (U)	1972
19740080944	Weapon system support cost reduction study (U)	1972
19740080955	High quantum efficiency 1.06 micron image tube (U)	1972
19740081185	Study physiology of expectancy and motor preparedness	1972
19740081187	Environmental and Group A history of low power T. T. L. digital circuits	1972
19740081188	Fatigue strength of shafts with transverse lubricating holes loaded by torsional and bending stress	1972
19740081191	Deep ocean technology program mechanical devices for circuit interruption in fluid pressure ambients	1972
19740081192	Analysis of barium clouds, volume 1	1972
19740081201	Flight test phase of the TOW production missile environmental test	1972
19740081214	Satellite communication set AN/WSC-2 (XN-1)-(V). Operation and maintenance instructions for electronics group, volume 1	1972
19740081219	Flight test of missile/ECM pod mixed loads on the F-4 aircraft (seek eagle)	1972
19740081254	Radiative efficiency of flash tubes for pumping neodymium in glass laser rods	1972
19740081255	High efficiency operation of avalanche diodes	1972
19740081256	Development of a fine-mesh limited area baroclinic model with time dependent boundary conditions	1972
19740081257	A one hour work-in-heat test for the assessment of acclimatization to heat	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081267	A subsonic assessment at altitude of a trailing cone static installation	1972
19740081282	Application of the electron beam fluorescence technique to the measurement of the properties of nitric oxide in nonequilibrium flows	1972
19740081297	Low-noise C-band transistor gain module	1972
19740081299	Factor analysis as an exploratory tool in the modal analysis of randomly-loaded vibrating structures	1972
19740081302	Igniter pellet temperature and humidity study. Poseidon tactical engineering support program	1972
19740081304	Manufacturing methods for producing large diameter close tolerance superalloy castings	1972
19740081307	Navigator observer utilization field flying specialities study. Appendix 2: Common and non-common operational task requirements	1972
19740081316	Integrated circuit, operational amplifier, MC1539. F-4 helmet sight	1972
19740081330	Satellite communication set AN/WSC-2 (XN-1) (V). Operation and maintenance instructions for antenna group	1972
19740081331	Satellite communications set AN/WSC-2 (XN-1) (V). Operation and maintenance instructions for antenna group, appendix	1972
19740081355	Studies of improved output transducers, phase 2	1972
19740081358	Fracture toughness and stress corrosion properties of type 300-M steel in a high strength condition	1972
19740081359	Stress graphitization of carbon and thermolon carbon fibers	1972
19740081362	Production engineering measure for temperature compensated microcircuit crystal oscillator	1972
19740081364	Qualification test report of CRES castings 2711870, 2711873, 2705257	1972
19740081366	Production assessment test report of semiconductor, special type of, matched silicon, planar, epitaxial	1972
19740081367	Investigating the causes of noise in field effect transistors	1972
19740081376	Weather environment laser data base: Weather effects on laser beam transmission through the atmosphere (U)	1972
19740081394	The aerodynamic characteristics and performance potential of a proposed advanced cruise missile Mach number 0.6 to 0.9 (U)	1972
19740081405	Carrier task force ASW effectiveness study. Volume 3: Fleet defense aggregate model output data (U)	1972
19740081429	Passive overlay removal and reentry vehicle dynamics (U)	1972
19740081462	Phased array jammer (U)	1972
19740081564	Canister design effects on propulsion	1972
19740081565	Deep submergence rocket motor and thrust vector control testing and performance	1972
19740081572	The low cost ramjet	1972
19740081574	Pilot program for rocket sled testing of low altitude airbreathing missile propulsion systems	1972
19740081577	The definition of tactical missile forebody flow fields	1972
19740081583	High density airbreather fuels	1972
19740081584	RJ-5 (Shelldyne-H) type fuels as propellants for volume limited air breathing missiles	1972
19740081590	A summary of results with a reinforced silicone elastomer	1972
19740081591	Product improvement program for the mk 47 mod 0 (Phoenix) rocket motor	1972
19740081592	Space shuttle orbiter main engine	1972
19740081593	Hybrid propulsion for advanced space applications	1972
19740081595	Applications technology satellite F and G spacecraft propulsion subsystem	1972
19740081596	CCITT signalling system no. 6 field trial: Phase B simulation testing	1972
19740081635	Laboratory study of sonic booms and their scaling laws	1972
19740081724	Study of refractory composites	1972
19740081740	Analog shift register	1972
19740081749	Production of grid line patterns from continuous tone photographs using contrast gradients	1972
19740081763	Advanced STOL transport (medium) study. Volume 7: Cost and schedule data	1972
19740081767	Explosive welding - a rapidly expanding method joining of metal combinations	1972
19740081773	Satellite communication set AN/WSC-2 (XN-1)-(V). Operation and maintenance instructions for electronics group, volume 2	1972
19740081774	Satellite communication set AN/WSC-2 (XN-1) (V). Operation and maintenance instructions for electronics group, volume 3	1972
19740081775	Satellite communication set AN/WSC-2 (XN-1) (V). Operation and maintenance instructions for transmitter group, volume 3, part 1	1972
19740081776	Satellite communication set AN/WSC-2 (XN-1) (V). Operation and maintenance instructions for electronics group, volume 4	1972
19740081781	Advanced composite technology fuselage program. Volume 3. F-111 aft fuselage component - manufacturing	1972
19740081798	Modifications and improvements to a computer program for predicting the static aerodynamic characteristics of low-aspect-ratio configurations (U158)	1972
19740081803	Reliability testing of radar set AN/PPS-17(XN-1)	1972
19740081841	Nuclear fusion: A thing of the future	1972
19740081846	Analysis and simulation of long-range illumination for laser guided Honest John, Volume 1	1972
19740081870	Production engineering measure for digital electronic fuze timer XM587E2	1972
19740081928	Development of variable affinity barrier photoemitter	1972
19740081956	Conference on High Power Infrared Laser Window Materials, volume 1	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081957	Conference on High Power Infrared Laser Window Materials, volume 2	1972
19740081971	Mission analysis on Air Force base communications, 1985. Volume 3A, part 4: A methodology for determining the communications needs on an Air Force base	1972
19740082019	Studies of field assisted photocathodes for 1 to 2 microns	1972
19740082035	Ground-wave antenna optimization study	1972
19740082038	Test results for ATC 200 capacitors	1972
19740082041	Studies of improved output transducers, phase 2	1972
19740082044	Laser beam recorder	1972
19740082045	Laser beam recorder	1972
19740082046	Laser beam recorder	1972
19740082047	Studies of improved output transducers phase 2	1972
19740082052	Semiconductor device, diode	1972
19740082056	Production assessment test report of capacitor, fixed, film, hermetically sealed, lead mount, contractor hi-rel	1972
19740082057	Phase shifter driver	1972
19740082066	Connector, receptacle, electrical	1972
19740082080	Temperature compensated microcircuit crystal oscillator	1972
19740082088	Transformer, power, isolation, enclosed (not hermetically sealed), 3200 HZ	1972
19740082096	Qualification test report Confined Detonating Fuse (CDF)	1972
19740082099	Acceptance test procedure for G and C water pump	1972
19740082100	Report of test on qualifications of pump, coolant, Boeing no. 10-22415-1, E. I. no. 322157Gt	1972
19740082101	Production assessment test report of semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1972
19740082102	Production assessment test report of semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1972
19740082104	Production assessment test report of semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1972
19740082105	Production assessment test report of resistor, fixed, wirewound, precision, molded or dipped, .50 - 1.0 Watt	1972
19740082107	Laser-guided Honest John	1972
19740082112	Transformer, step-down, enclosed (not hermetically sealed) 800 Hz	1972
19740082114	The transverse vibration of guided projectile tail fins during longitudinal deployment	1972
19740082129	Transistor, 20911P1, RT-1039/ALQ	1972
19740082130	Instrument fact sheet: Diver Pinger receiver	1972
19740082132	RCA 80171 memory mod.	1972
19740082135	production assessment test report of semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1972
19740082152	Structural characterization of XP films as related to mechanical properties and ballistic performance (U)	1972
19740082153	High-sensitivity III-V photocathode (U)	1972
19740082166	High-sensitivity III-V photocathode (U)	1972
19740082170	Revised cloud-free line-of-sight calculations applied to selected climatic zones of the Soviet Union (U)	1972
19740082206	High energy pulsed laser (U)	1972
19740082208	Thumper high power laser (U)	1972
19740082361	The influence of rubefaciants on hand temperatures in the cold	1972
19740082365	The stability of motion of satellites with long flexible appendages	1972
19740082426	Supersonic aerodynamic characteristics of a canard controlled Honest John Rocket	1972
19740082429	Lamination residual stresses in fiber composites	1972
19740082432	The 9th JANNAF Combustion Meeting, volume 1	1972
19740082433	Evaluation of Mg-Al eutectic to improve combustion efficiency in low burning rate propellants	1972
19740082434	Gas flow and heating phenomena in high pressure end burning solid propellant gas generators	1972
19740082435	Experimental study of interrelations between steady and nonsteady combustion	1972
19740082436	Bulk mode instability of nozzleless rocket motor	1972
19740082437	Analysis of transient ballistic test data in the development of high rate, high exponent composite propellants	1972
19740082438	Sensitivity of caseless propellants to thermal and projectile impact ignition	1972
19740082439	Double base propellant ignition and combustion in the 81 mm mortar propulsion system	1972
19740082440	Internal ballistics with ignition flame spread (1)	1972
19740082441	Numerical and experimental investigation of flame spreading and gas flow in gun propellants	1972
19740082442	An automated method for the reduction of closed bomb data for gun propellants	1972
19740082443	Numerical analysis of nonlinear longitudinal combustion instability in metalized propellant solid rocket motors	1972
19740082444	Linear analysis of one dimensional oscillations in a variable-area T-burner	1972
19740082445	Particulate damping of acoustic waves: Nonlinear effects	1972
19740082446	Numerical calculation of velocity coupled acoustic instability with allowance for flow reversal and threshold velocity effects	1972
19740082447	A limit amplitude prediction for pressure oscillations in T-burner combustors	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082448	Nonlinear interpretation of linear T-burner data	1972
19740082449	Combustion instability characteristics of several solid rocket propellants for booster and tactical rocket applications	1972
19740082450	The status of the T-burner as a combustor stability evaluation tool for metallized propellant	1972
19740082451	An overview of the status of the T-burner as a combustion stability evaluation tool for metallized propellants	1972
19740082452	Variable area T-burner testing of metallized propellant	1972
19740082453	T-burner workshop committee report on stability analysis	1972
19740082454	Analysis of T-burner data obtained by AFRPL workshop participants for a metallized propellant (ANB-3066)	1972
19740082455	Contribution to the panel discussion on the status of the T-burner as a combustion stability evaluation tool for metallized propellants	1972
19740082456	The behavior of aluminum during subignition heating and its dependence on environmental conditions and particle properties	1972
19740082457	The combustion of as-received and preoxidized aluminum in sandwich and propellant configurations	1972
19740082458	Aluminum treatment effects on composite modified double base propellant combustion	1972
19740082459	Composition and combustion characteristics of condensed exhaust from boron-containing fuel-rich rocket motors	1972
19740082460	Combustion of boron-metal compounds	1972
19740082461	Application of the Distributed Energy Release (DER) computer program to rocket engine performance analysis	1972
19740082462	Performance characterization of GO ₂ /GH ₂ rocket engines	1972
19740082463	Comprehensive single droplet combustion model	1972
19740082464	Time variation in the reaction zone structure of two phase spray detonations	1972
19740082465	Combustion wave ignition system	1972
19740082466	Calculation of conditions conducive to spiking	1972
19740082467	The 9th JANNAF Combustion Meeting, volume 2	1972
19740082468	Combustion modeling of high energy CMDB propellants	1972
19740082469	Self-consistent correlation of composite propellant burning rate data	1972
19740082470	Extended model of solid propellant combustion based on multiple flames	1972
19740082471	Advancement of comprehensive combustion modeling	1972
19740082472	Analysis of longitudinal and 3D nonlinear combustion instability in liquid rockets	1972
19740082473	Transverse mode high frequency combustion stability of a 4000 psia chamber pressure rocket engine	1972
19740082474	Stability aspects of the space shuttle main engine	1972
19740082475	Combustion stability control for liquid or gaseous propellant rocket engines during the design phase applying a new optimization program: AUTOCOM	1972
19740082476	Interaction of axisymmetric wake diffusion flames with a coaxial oscillating stream	1972
19740082477	High-frequency coupling with LOX/hydrogen engines	1972
19740082478	Role of binder in solid propellant combustion	1972
19740082479	Temperature sensitivity of deflagration rates of pressed pellets of ammonium perchlorate and catalysts	1972
19740082480	A study of AP/PBAA sandwich and AP pellet combustion	1972
19740082481	AP-HTPB sandwich combustion studies	1972
19740082482	Review of workshop on temperature sensitivity of solid propellant burning rate	1972
19740082483	Experiments and predictions in the rocket combustion mixing zone	1972
19740082484	Experimental determination of the turbulence in a liquid rocket combustion chamber	1972
19740082486	Molecular beam sampling system for combustion chambers	1972
19740082487	Injector flow hydraulic flip behavior for typical liquid rocket operating regimes	1972
19740082488	In-line holography of liquid propellant injection during combustion	1972
19740082489	Injector spray characteristics under rocket hot firing conditions	1972
19740082490	Effects of an accelerating gas on spray atomization	1972
19740082491	Solids formation with the F ₂ /N ₂ H ₄ and FLOX/MMH propellant systems	1972
19740082492	Photochemical ignition and flame holding: A new approach to the control of combustion	1972
19740082493	Recent dump combustor developments	1972
19740082494	Direct mixing and combustion efficiency measurements in ducted, particle-laden jets	1972
19740082495	Axisymmetric analysis of external burning assisted projectile	1972
19740082496	Parametric study of acoustic damping produced by burning aluminum particles	1972
19740082497	Damping devices for various combustion environments	1972
19740082498	Analysis of the stability of combustors with partial length liners and distributed combustion	1972
19740082499	Stability evaluation of a rocket engine using space storable propellants	1972
19740082500	Experimental determination of the damping provided by conventional liquid propellant rocket nozzles	1972
19740082501	Experimental investigation of the damping capabilities of the Minuteman 2, stage 3, and Minuteman 3, stage 3, exhaust nozzles	1972
19740082511	Study of a unified hardware software design of a micro-programmed system	1972
19740082515	Horizontal-tail effectiveness of a twin-engine aircraft configuration with twin vertical tails and aft fuselage mounted nacelles	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082516	Static stability and axial force characteristics of a ballute stabilized terminal guidance sub-missile configuration for Mach numbers from 0.60 to 1.10	1972
19740082560	Reliability testing of radar set AN/PPS-18(XN-1)	1972
19740082573	Production assessment test report of capacitors, fixed, ceramic, molded, lead mount, contractor Hi rel	1972
19740082574	Slip ring capsule	1972
19740082575	Long range infrared intrusion detector (LORID)	1972
19740082576	Production assessment test report of resistor, fixed, metal film, precision, molded or dipped, .05-.10 watt	1972
19740082577	Production assessment test report of resistor, fixed, metal film, precision, molded or dipped, .05-.10 watt	1972
19740082581	Switch, squib actuated, storage life test results	1972
19740082585	Electrostatic evaluation of clean room car and booties	1972
19740082586	LOX impact test of fluorel O rings	1972
19740082587	Electrostatic and flammability testing of Facilon	1972
19740082588	Electrostatic testing of ordnance coveralls	1972
19740082589	LOX impact tests of soft goods from Cosmodyne O2 recharger	1972
19740082590	Voltage regulatory assy, Century Electric Company P/N 401437, W/Potted module P/N 401426-02	1972
19740082591	Shelf life extension test of Pfizer, DNC, ablative coating	1972
19740082595	Production assessment test report of microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19740082598	Production assessment test report of capacitor, fixed, ceramic, molded, lead mount, contractor Hi-Rel	1972
19740082601	Laboratory evaluation of dissolved oxygen analyzers	1972
19740082624	Production assessment test report of capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1972
19740082625	Production assessment test report of capacitors, fixed, ceramic, molded, lead mount, contractor Hi Rel	1972
19740082626	Production assessment test report of capacitors, fixed, electrolytic, tantalum, solid hermetically sealed, lead mount, contractor, Hi Rel	1972
19740082627	Production assessment test report of capacitors, fixed electrolytic, tantalum, solid hermetically sealed, lead mount, contractor Hi Rel	1972
19740082636	Instrument fact sheet: Water quality analyzer	1972
19740082642	Deposition of particles in a turbulent slot flow	1972
19740082678	The design and manufacture of pyrolytic graphite coated rocket nozzles for the United States Air Force Rocket Propulsion Laboratory	1972
19740082694	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740082698	Production assessment test report on semiconductor, diode, general purpose, silicon, diffused, glass	1972
19740082699	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740082700	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19740082702	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740082703	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hirel	1972
19740082711	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740082712	Production assessment test report on semiconductor, diode, photo, sensitive, silicon, diffused, metal	1972
19740082718	Metallographic analysis of high pressure test failure in MGSC case manifold	1972
19740082720	Parts evaluation report, capacitor, fixed, ceramic dielectric part Number 531516	1972
19740082732	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740082736	Production assessment test report on capacitor, fixed, ceramic, molded, lead mount, contractor Hi-Rel	1972
19740082745	Verification test of General Electric relay 3SBM613/V2	1972
19740082753	Filters, radio interference	1972
19740082754	Report of ISS parts qualification tests on unitrode UM 4301B pin attenuator diode	1972
19740082756	Updating of organic zinc coating	1972
19740082757	Electrostatic testing of pressure sensitive tape	1972
19740082758	LOX impact test of fluorel O rings	1972
19740082795	Core catcher material for a gas-cooled breeder	1972
19740082799	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19740082830	Production assessment test report of semiconductor, transistor, general purpose, silicon, silicon, NPN, planar, metal can	1972
19740082833	Report of test on 1 in. cube motors, O.C. torque	1972
19740082842	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1972
19740082849	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05-.10 watt	1972
19740082854	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19740082859	General flight test evaluation of the model HH-1H helicopter	1972
19740082862	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped	1972
19740082863	Production assessment test report on resistor, fixed, metal, film, precision, molded or dipped, .05-.10 watt	1972
19740082864	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05-.10 watts	1972
19740082865	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19740082866	LOX impact test of gasket materials	1972
19740082867	LOX impact test on meriam manometer fluid	1972
19740082868	LOX impact and chemical analysis of General Electric Silicone Compound SE-5601 and SE-550	1972
19740082915	AN/APS-116 (XN-3) radar set (U)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082928	Improved transmission type photo and secondary emitters using III-V compounds (U)	1972
19740082929	Semitransparent III-IV photocathode materials (U)	1972
19740083046	Parametric studies of laser incident flux at 5 micrometers and 10.6 micrometers (general studies) (U)	1972
19740083069	Fopen radar improvement task: Flight test report (U)	1972
19740083264	A molecular beam sampling system for examining the chemical structure of perchloric acid flames	1972
19740083290	Etched-titanium disc filter: 10-micron, 20-micron	1972
19740083336	Production assessment test report of semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1972
19740083337	Production assessment test report of semiconductor, transistor, power, silicon, NPN, planar, metal can	1972
19740083338	Production assessment test report of resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1972
19740083340	Integrated drive generator evaluation test report, Sundstrand model 150 IDG 02. Volume 1: IDG tests	1972
19740083354	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1972
19740083356	Production assessment test report on semiconductor, diode, general purpose, silicon, diffused, glass	1972
19740083357	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740083360	Test for shelf life extension of inorganic zinc coating compound	1972
19740083361	Flash and fire point testing of NO-OX-ID rust preventive coating	1972
19740083388	Qualification test report for connectors, subminiature screw-on radio frequency (type SMMA)	1972
19740083390	Connector plug, electrical, RT-1039/ALQ	1972
19740083391	Connector, coaxial, RT-1039/ALQ	1972
19740083395	Transformer, power, step-up	1972
19740083396	Transition, Motorola, screen test	1972
19740083397	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped	1972
19740083398	Production assessment test report on coils, inductance, fixed, audio frequency, NOC, less than .1 watt, 1-30 volts, ferromagnetic, encapsulated	1972
19740083433	Research and development of a differential laser gyro-dilag, volume 1 (U)	1972
19740083452	Universal Infrared Viewer System (UIRV) (U)	1972
19740083453	Multipurpose infrared system (MIRS) (U)	1972
19740083531	Land combat system-1 (LCS-1). Group two, volume 2, annex D. Impact analysis (U)	1972
19740083532	Land combat system-1 (LCS-1). Group seven, annex 1. The delta conceptual design. Volume 1. Design factors, basic concepts, and special and material aspects. Appendix 4, book 4. Proposed Materiel Systems (PMS), chapter 1 (U)	1972
19740083567	Land Combat System-1 (LCS-1). Group 6, annex H: Analysis of alternative conceptual designs. Volume 4: Nongaming analyses. Volume 5: Summary of evaluation of alternative conceptual designs (U)	1972
19740083577	Land Combat System-1 (LCS-1). Group 7, annex I: The delta conceptual design. Volume 2: Evaluation of delta design (U)	1972
19740083675	Thyristor regulation of direct current machines	1972
19740083681	Apollo telescope mount TSU test, Data book. Volume 2: Canister measurements. Part 2: Skylab program	1972
19740083695	Electrical contact phenomena	1972
19740083699	Printed circuit board. Alumina substrate deposited resistor network	1972
19740083700	Printed circuit board. Alumina substrate deposited resistor network	1972
19740083703	Production assessment test report of semiconductors, transistors, field effect, silicon, n-channel, planar, metal can	1972
19740083707	Production assessment test report of coils, inductance, fixed, audio frequency NOC, .125 - .25 watt, 109-240 volts, diamagnetic, encapsulated	1972
19740083714	Production assessment test report on semiconductor, transistor, general purpose, silicon PNP, planar, metal can	1972
19740083716	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740083717	Certification of qualification by test: Relay, armature, DPDT, 5 ampere, non-latching	1972
19740083721	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19740083724	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watts	1972
19740083732	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1972
19740083733	Production assessment test report on semiconductor, transistor, general purpose, silicon, n-p-n, planar, metal can	1972
19740083742	Transformer, power, step-down	1972
19740083743	Transformer, power, step-down	1972
19740083789	Development specification ITNS computer program (U)	1972
19740083889	Observation of a partially ordered void lattice in aluminum irradiated with 400 keV Alt ions	1972
19740083891	The 650 liter vacuum pump: PTM 614-02 performance experiments - ultimate pressure and analysis of residual gases	1972
19740083914	Physical vulnerability of aircraft, volume 1	1972
19740083967	Continuous index of refraction measurement device	1972
19740083968	D-102 velocity difference measuring system	1972
19740083971	A low-cost TV guided weapon delivery system status review	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740083979	Current index of NASA technical briefs	1972
19740084119	Bistatic cross-section model measurement (U)	1972
19740084137	Anti-Bomb, Rocket And Mortar System (ABRAMS) (U)	1972
19740084145	Particulate mass as a predictor of numbers of respirable particulates	1972
19740084167	Extreme value theory and fire resistance	1972
19740084211	Relation between crystal defects and electrical properties in silicon planar devices	1972
19740084219	Monthly record. Meteorological observations in Canada, December 1972 and supplement	1972
19740084221	Experimental study of wakes produced by hypersonic cones in free flight	1972
19740084227	Qualification test report detonator, EBW-type 1 (EG and G)	1972
19740084242	The problem of fitting	1972
19740084243	Miss-distance caused by limited transverse acceleration of an interceptor on a pure-pursuit course	1972
19740084244	Improved impatt oscillators using new GaAs technology	1972
19740084272	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, metal	1972
19740084279	Production assessment test report on semiconductors, transistors, field effects, silicon, N-channel, planar, metal can	1972
19740084280	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1972
19740084303	Failure analysis report, log 2539, failures of power transistors mfg by Bendix and Fairchild	1972
19740084304	Electra-Midland backplane termination resistors	1972
19740084305	Log 2523, back plane terminator resistors from PU's	1972
19740084306	Filters, radio interference	1972
19740084307	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19740084308	Production assessment test report on semiconductor, special type of, matched silicon, planar, epitaxial	1972
19740084309	Qualification test report vent value (metal fab)	1972
19740084310	Qualification test report thrust termination seal and aft cable tray heat shield assembly	1972
19740084312	Connector, electrical, RT-1039/ALQ	1972
19740084318	The Delta 2 - mini-commercial vehicle	1972
19740084326	Occupational health and industrial hygiene evaluation nitroglycerin Badger Army Ammunition Plant, Baraboo, Wisconsin, 2-12 August 1971	1972
19740084327	Production assessment test report, microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740084329	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740084341	Production assessment test report on microelectronic circuit, gate, monolithic circuits, NOC, flat pack	1972
19740084352	Development of an electrochemical machining process for rifling lined gun barrels	1972
19740084373	Engineering critical component specification. Part 1: Performance/design and qualification requirements. Part 2: Product configuration and acceptance test requirements. CEI No. 656986, Ka-band magnetron for AN/APQ-122(V)1 radar set, adverse weather aerial delivery system	1972
19740084402	Research report 1972	1972
19740084677	Integrated modulation collimator experiment	1972
19740084703	Production assessment test report on resistor, fixed, carbon film, precision, molded or dipped, .1-.125 watt	1972
19740084709	Component evaluation, power transformers	1972
19740084711	Component evaluation of power transformers	1972
19740084712	Component evaluation, power transformers	1972
19740084713	Failure analysis of 1-1/2 in DIA. Tubing assy, tail service mast system, ML-3	1972
19740084715	Pioneer Jupiter scientific instruments parts screening report	1972
19740084716	Connector, plug, electrical	1972
19740084720	Evaluation tests on picoampere diode type FJT1000	1972
19740084723	Report of test on resistor, variable, wirewound (insulated lead-screw), 373445-9, Bourns, Incorporated	1972
19740084725	Qualification test report hydraulic power unit	1972
19740084734	Failure of superimposed aluminum on gold films at room temperature	1972
19740084777	Automatic target cueing, a feasibility study (U)	1972
19740084854	Lunar Surface Operations Planning Meeting (38th)	1972
19740084872	Bronzewelding of steel sheet and strip	1972
19740084881	Some unseparated base flows with heat addition	1972
19740084892	A method of evaluating human life for economic purposes	1972
19740084893	Studies of the thermal decomposition of flexible polyurethane foams in air	1972
19740084894	Methods of flutter solution with matched frequency parameter aerodynamics	1972
19740084901	Space tug point design study. Volume 5: Cost analysis	1972
19740084914	Design applications of metallic laminates in aircraft structure	1972
19740084920	Proceedings of the 9th Meeting of the Exterior Ballistics Panel 0-7. Volume 4: Presentations at sessions 2, 3, and 4	1972
19740084921	Minutes of the 9th Meeting of the Exterior Ballistics Panel 0-7	1972
19740084922	Proceedings of the Meeting of the Exterior Ballistics Panel 0-7. Volume 3, session 1: Weapon aerodynamics	1972
19740084923	Proceedings of the 9th Meeting of the Exterior Ballistics Panel 0-7. Volume 1: Main Panel Meeting	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084924	Proceedings of the 9th Meeting of the Exterior Ballistics Panel 0-7 Volume 2, session 1: Weapon aerodynamics	1972
19740084926	Salt spray test of clare-pendar switches	1972
19740084933	Production assessment test report on resistor, fixed, wirewound, NOC molded or dipped, 1 - 2 watts	1972
19740084941	Qualification test report. Addendum 2: Filler block (P/N 2729201) arming, and fusing antenna	1972
19740084943	Transistor power	1972
19740084947	Production assessment test report on capacitors, fixed ceramic, molded, lead mount, contractor Hi Rel	1972
19740084948	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .10 - .125 watt	1972
19740084952	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1972
19740084954	Qualification testing of operational amplifier	1972
19740084955	ISS qualification test on Tansitor CL54BJ551UNG tantalum foil capacitor	1972
19740084957	RRS Discovery Cruise 54, 29 June - 15 August 1973. Gloria studies of the Mid-Atlantic Ridge (FAMOUS area) and the Azores-Gibraltar plate boundary	1972
19740084959	Institute for Teletransmission Theory	1972
19740084962	Instrument fact sheet: Recording current meter	1972
19740084963	Instrument fact sheet: Wave recording system	1972
19740084964	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1972
19740084966	Qualification test report, 2730797	1972
19740084969	Literature references on reliability of space-borne computers	1972
19740084974	Production assessment test report, microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740084976	Airfoil section data catalogue	1972
19740084982	Literature references on adhesive spot welding	1972
19740084999	Switch, pushbuttons and indicators, illuminated	1972
19740085005	A theory for ground-resonance of helicopters covering freedoms of fuselage rotation	1972
19740085006	Signal flow graphs as an aid in control synthesis	1972
19740085007	A field experiment concept for the visual detection of camouflaged personnel	1972
19740085008	SCREEN ground surveillance radar model computer program description	1972
19740085010	Qualification test report on Boeing 27-10413 jack contact and jumper plug, miniature patch type	1972
19740085042	Comments on the development of an experimental design to evaluate LN-12 platform improvements	1972
19740085051	Qualification report for switch, thermostatic, per General Dynamic drawing 423-800605	1972
19740085059	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740085087	Study of the solar atmosphere	1972
19740085128	Production assessment test report. Microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740085130	Engineering evaluation test report cable assembly 45-deg umbilical C3P	1972
19740085135	Gunn effect in InSb in a magnetic field	1972
19740085136	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1972
19740085148	Quality assurance briefs	1972
19740085150	Quality assurance briefs	1972
19740085151	Reactivity, hypergolics/asph/conc/shuttle	1972
19740085152	Test for shelf life extension of electrical insulating compound, ivy-spray number 2529	1972
19740085153	Quality assurance briefs	1972
19740085154	Test of LOX compatibility for asphalt and concrete runway materials	1972
19740085161	Polyarylsufone resins as new, thermally stable transparent plastics for aircraft enclosures	1972
19740085162	Hardened solar power system	1972
19740085215	Communications planning, engineering and Systems Control (SYSCON) study (U)	1972
19740085228	Supersonic aerodynamics of an F-4 D aircraft in a conformal weapon/carriage configuration (U)	1972
19740085350	The external drag of fuselage side intakes: Rectangular intakes with compression surfaces vertical	1972
19740085351	An investigation of physical processes in a hollow cathode discharge	1972
19740085352	The thermal degradation of some perfluoroalkylene-linked polymers	1972
19740085353	Civil aircraft airworthiness data recording programme: Uneven runways encountered by subsonic jet transport aircraft during scheduled airline operations	1972
19740085354	The effect of water on carbon fibre composites. Part 2: Changes in interlaminar shear strength after immersion in boiling water	1972
19740085363	The joining of organic coated steels	1972
19740085364	Advances in resistance spot and seam welding of zinc coated steel strip	1972
19740085365	Problems in the resistance welding of coated steels	1972
19740085370	Fabrication and preliminary testing of a 3kW hydrogen resistojet	1972
19740085465	Long term scientific study on non-metallic materials	1972
19740085466	Solar Collector Thermal Power System (SCTPS)	1972
19740085479	The impact assessment scenario, a planning tool for meeting the nation's energy needs	1972
19740085483	JANNAF Structures and Mechanical Behavior Working Group, 10th meeting 1971	1972
19740085534	Velocity distributions of sphere wakes	1972
19740085540	Qualification test report flexible metal hoses	1972
19740085541	Qualification test report charge, shaped, linear, flexible (125 grains-per-foot)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085542	Qualification test report nose fairing structure	1972
19740085543	Production assessment test report of transformer, pulse, NOC, enclosed audio frequency NOC	1972
19740085545	Fracture of advanced composite materials	1972
19740085546	Printed circuit board. Alumina substrate deposited resistor network	1972
19740085547	Flight test results of the HH-1H external hoist and auxiliary hydraulic system evaluation	1972
19740085550	High temperature RF transmission measurements on EM window materials and radomes conducted at the French Solar Furnace	1972
19740085566	A review of ice penetration by kinetic energy penetrators	1972
19740085568	A battery-powered, voltage-gradient measuring telemetry system	1972
19740085569	Phase change compatibility predictions for metal systems at temperatures less than 1000 C and pressures under one atmosphere	1972
19740085577	Flight test evaluation of miscellaneous equipment for the model HH-1 H helicopter	1972
19740085580	Recovery high voltage rectifier	1972
19740085596	ECP-110 Qualification test procedure - P/N 322157G1. Pumps and hydraulic motors, centrifugal, coolant	1972
19740085597	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19740085601	Production assessment test report on semiconductor, transistor, power, silicon, n-p-n, planar, metal can	1972
19740085602	Production assessment test report on semiconductors, diode, photosensitive, silicon, diffused, metal	1972
19740085607	Production assessment test report on semiconductor, diode, general purpose, silicon, diffused, glass	1972
19740085610	Qualification test report for the Boeing Company, Aerospace Group, on transformer pulse	1972
19740085612	Production assessment test report on semiconductor, transistor, general purpose, silicon, p-n-p, planar, metal can	1972
19740085623	An analysis of military versus commercial augmentation airlift of DOD international cargo in peacetime	1972
19740085629	Inductor, power	1972
19740085630	Capacitor, fixed, ceramic	1972
19740085647	Production assessment test report of microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740085648	Production assessment test report of microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740085649	Production assessment test report of microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740085656	Resistor, fixed, wirewound, see S/A SCN 217075	1972
19740085661	Connector, receptacle, electrical	1972
19740085668	Electric power management equipment design	1972
19740085676	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740085680	Literature references on noise coupling: (1) transmission lines and/or cables (2) microstrips	1972
19740085690	Microcircuit, 2 channel SPST FET analog switch, hybrid, silicon	1972
19740085691	Component evaluation test report for power, step-down transformer	1972
19740085696	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05-.10 watt	1972
19740085697	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05-.10 watt	1972
19740085698	Production assessment test report on transformer, step-down, enclosed, audio frequency	1972
19740085705	LOX impact test, leak detector fluid	1972
19740085707	Compatibility of valve soft goods with MIL-L-46002 vapor phase inhibitor	1972
19740085708	Phosphoric acid compounds and 4 sets of other specially prepared carbon steel discs	1972
19740085729	Literature references on Mica investigation: Properties of ruby grade Mica	1972
19740085765	Autotape accuracy and water reflection problems	1972
19740085767	Report of user evaluation radio set AN/PRC-75	1972
19740085776	C-5A flight control report (aerospace vehicle). Flight control subsystem. Volume 1: Addendum 3	1972
19740085779	Microcircuit, linear dual operational amplifier, monolithic, silicon	1972
19740085787	Poseidon qualification test report	1972
19740085790	Auditing the quality of test decisions and test equipment at AGMC	1972
19740085796	Baseline - General Electric, Unijunction 11178003	1972
19740085800	Normal and radiation modeling of flip-flop integrated circuits for use with computer aided design and analysis programs	1972
19740085808	Report of test on: Lamp, electroluminescent	1972
19740085810	Literature references on surface wave delay lines	1972
19740085815	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1972
19740085827	Production assessment test report on semiconductors, transistors, field effect, silicon, n-channel, planar, metal can	1972
19740085832	Baseline unitrode silicon control switch, G657138-1	1972
19740085841	C-5A qualification test report, aerospace ground equipment, stand maintenance, aft cargo center door	1972
19740085846	HYDRA: A 2-dimensional compressible hydro-dynamics code for multi-fluid calculations	1972
19740085851	Plan nonlinear systems on several methods for the determination of a center for a planar dynamic system	1972
19740085863	Major US policy issues of energy, resources and the environment	1972
19740085876	Space through time: A case study with New Zealand airlines	1972
19740085877	A preliminary investigation into the visualization of gas layers	1972
19740085878	A preliminary report on the emergence of radio astronomy in Britain, volume 1	1972
19740085880	Developments in the MIG welding of steel sheet and strip	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085893	Options for clean energy: Oil	1972
19740085937	NASA planning data book. Part 4: Solar system exploration	1972
19740085949	NASA planning data book. Part 1: Supporting systems and technology: Mission support systems, transportation systems, life sciences, and space technology	1972
19740085959	The rapid determination of diphenylamine and dinitrotoluene in single base propellants by ultraviolet spectrophotometry	1972
19740085960	Magnetomechanical properties of Mu-metal	1972
19740085962	Elastic response of polyurethane foam	1972
19740085964	Production assessment tests report on transformer, pulse, NOC, enclosed, audio frequency	1972
19740085965	Production assessment test report on semiconductor, transistor, general purpose, silicon, n-p-n, planar, metal can	1972
19740085966	Production assessment test report on semiconductor, transistor, general purpose, silicon, n-p-n, planar, metal can	1972
19740085985	Calculation of the hydrodynamic forces on an axially symmetric body emerging from an infinite plane boundary	1972
19740085987	Certification of qualification by test-relay, armature, 4 PDT, 15 ampere, latching	1972
19740085990	Qualification test report. Addendum 2: EETR receiver/decoder, destruct	1972
19740085991	Transformer, power, step-up	1972
19740085994	Liquid post book control system safety evaluation	1972
19740085995	A nonaxisymmetric potential flow field solution	1972
19740085996	Semiconductor device, diode	1972
19740085997	Report of test on resistor, variable, wire-wound (insulated lead-screw), 373445-9, Dale Electronics, Incorporated	1972
19740085998	Report of test on high voltage capacitor, 373405-1, Custom Electronics, Incorporated	1972
19740085999	Report of test on wire, electrical hookup, 5000 volts dc, 373406-9, W. L. Gore and Associates, Incorporated	1972
19740086000	Report of test on transformer, power, step-up, 30, 400 Hz, 373119, OECO Corporation	1972
19740086001	Report of test on transformer, pulse, interstage 373125, OECO Corporation	1972
19740086006	Capacitor, fixed, tantalum, high level shock	1972
19740086008	Capacitor, fixed, feed-through	1972
19740086013	The study of on-board oxygen generating systems	1972
19740086016	Transformer, power, step-down	1972
19740086017	Transformer, power, step-up	1972
19740086018	semiconductor, device, diode, voltage, reference, silicon diffused, glass	1972
19740086020	Transformer, power, step-up	1972
19740086021	Production assessment test report on transformer, power, general purpose, enclosed, audio frequency NOC	1972
19740086022	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1972
19740086031	Radio interference effects due to rocket exhaust jets: Study of transverse attenuation characteristics at simulated altitudes	1972
19740086038	The effect of screening and burn-in on electronic reliability	1972
19740086039	Structural validation stress wave analysis and its application for locating defects in structures	1972
19740086049	Production assessment test report of microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086052	Electromagnetic interference qualification test procedure for signal conditioner multiplexer service loads recording program	1972
19740086054	Connector, plug, electrical	1972
19740086055	Electrical transporter made of plastic	1972
19740086060	Toggle switch	1972
19740086063	Evaluation test of MAN 1 light emitting diode display	1972
19740086065	Cockpit geometry study for a high acceleration cockpit	1972
19740086067	Initial studies defining complaint raceway potentials	1972
19740086068	Monolithic IDL circuit DTL 1 shot multivibrator	1972
19740086069	Microcircuit, linear, timer	1972
19740086074	Qualification test report new environmental test facility nose fairing rocket motor	1972
19740086079	Connector, plug and receptacle, electrical	1972
19740086084	Automated sounding of the lower atmosphere	1972
19740086096	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .50 - .10 watt	1972
19740086103	Advance design weight prediction: Passive thermal protection systems	1972
19740086110	Instrumentation fact sheet: Dissolve oxygen monitor	1972
19740086112	Screening of LM101A operational amplifiers to project requirements	1972
19740086114	Production assessment test report on transformer, power, general purpose, enclosed: Audio Freq. NOC	1972
19740086118	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1972
19740086121	Space shuttle bipropellant RCS engine	1972
19740086139	Minimizing electrical contact resistance effects and other hazards by means of minor circuit modifications	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086144	Literature references on ferroelectric ceramics	1972
19740086151	Report of ISS qualification tests on Semicoa type 2N1904 transistor	1972
19740086156	Production assessment test report, microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086157	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19740086181	Integrated circuit, quad gate	1972
19740086182	Transformer, power, step-up	1972
19740086185	Production assessment test report of microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086186	Production assessment test report, microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086187	Production assessment test report, microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086188	Production assessment test report, semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19740086189	Production assessment test report, resistor, fixed, metal film, precision, molded or dipped, .05-10 watt	1972
19740086192	Effects of dents on thermal panel flow characteristics	1972
19740086203	Literature references on Josephson tunnel diodes or super conductor diodes	1972
19740086211	Report of test on transformer, power, 30, 400 Hz 373295, Raytheon Company, Microwave and Power Tube Division	1972
19740086218	Transformer hybrid	1972
19740086220	Semiconductor device, diode	1972
19740086226	Half shift register (retriggerable monostable multivibrator) integrated circuit	1972
19740086228	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086229	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1972
19740086230	Production assessment test report on capacitor, fixed, film, metallized, hermetically sealed, lead mount, contractor Hi-Rel	1972
19740086231	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1972
19740086232	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1972
19740086233	Production assessment test report on semiconductor, diode, switching, silicon, diffused glass	1972
19740086234	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1972
19740086238	Production assessment test report. Microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086239	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19740086240	Production assessment test report. Microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086241	Production assessment test report. Microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086244	Production assessment test report, resistor, fixed, metal film, precision, molded or dipped, .05-10 watt	1972
19740086245	Production assessment test report on capacitors, fixed, ceramic, molded, leaded mount, contractor Hi-Rel	1972
19740086250	Report of ISS qualification tests on: Semicoa, type 2N2783 transistor	1972
19740086251	ISS qualification test on transistor CL53 series tantalum foil capacitors	1972
19740086252	Qualification test for a MV-1404 diode	1972
19740086254	The VEB Carl Zeiss JENA at the Leipzig Spring Fair 1972	1972
19740086269	Corrosion on transistor leads of Hyperion power supplies	1972
19740086280	Connector, plug, electrical, RT-1039/ALQ	1972
19740086281	Connector, plug, electrical, RT-1039/ALQ	1972
19740086293	Relay, armature, 3PDT, 25 ampere, magnetic latching	1972
19740086298	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086299	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19740086300	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC flat pack	1972
19740086317	Production assessment test report, microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19740086318	Reliability verification test report, (2760047) miniature pulse transformer	1972
19740086343	Mass transport produced by oscillations in a compressible, dissipative and inhomogeneous medium	1972
19740086352	Effect of fins on the wave induced motions of a submarine	1972
19740086357	Printed circuit board, alumina substrate, thin resistor network	1972
19740086363	Electrostatic testing of NOMEX coveralls	1972
19740086364	Analysis of mineral insulated power distribution cable close-outs	1972
19740086365	Examination of corroded fasteners used to secure building panel covers	1972
19740086366	Grove manual press regulator failure to obtain press repeatability - Pre-set press	1972
19740086367	Malfunction investigation, relay, Sigma Instruments, P/N 22RJ2CC500GSIL	1972
19740086368	Control Components, Incorporated, press RGLTR, from the 10,000 PSI compressed gas trailer GT-71	1972
19740086371	Microwave power transmission in the satellite solar power station system	1972
19740086403	Automated Microbial Metabolism Laboratory	1972
19740086412	Report of ISS qualification testing on unitorde type USR-12 rectifier stack, high voltage	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086414	Report of test on transformer, power magnetic amplifier driver, 400 Hz, 154355, oeco corporation	1972
19740086432	ECP retrieval system	1972
19740086434	Production assessment test report on transformer, pulse, NOC, enclosed, 30-300 KHz	1972
19740086444	Engineering critical component specification. Part 1. Performance/design and qualification requirements. Part 3. Product configuration and acceptance test requirements. Slipring assembly for AN/APQ-122 V5 radar set	1972
19740086445	Engineering critical component specification. Part 1. Performance/design and qualification requirements. Part 2. Product configuration and acceptance test requirements. X-band waveguide switch for AN/APQ-122 V5 radar set	1972
19740086454	Integrated circuit, power switch	1972
19740086455	Infrared nondestructive evaluation	1972
19740086456	A technique for predicting the reliability of a mechanically actuated system after long-term storage	1972
19740086472	Literature references on XPL language	1972
19740086473	Literature references on power supplies	1972
19740086479	Electric contacts: Equipment and mechanics of closure for gold contacts	1972
19740086480	Monolithic IDL circuit DTL quad 2 input buffer	1972
19740086482	Development of the T472 relative humidity tester	1972
19740086510	Nondestructive test for charcoal filters. Part 2: Applications of the ethane pulse technique	1972
19740086518	Kinetic theory for evolution of a plasma in external electromagnetic fields toward a state characterized by balance of forces transverse to the magnetic field	1972
19740086545	Report of test on transformer, pulse, interstage, 373125, Raytheon Company, Microwave and Power Tube Division	1972
19740086546	Report of test on transformer, power, step-down, 400Hz, 373116, Raytheon Company, Microwave and Power Tube Division	1972
19740086547	Pressure transducer	1972
19740086548	Integrated circuit, hexadecimal counter	1972
19740086551	Boundary-layer suction with slots on axisymmetric bodies	1972
19740086568	Transistor. See S/A SCN 205045	1972
19740086569	Report of test on transformer, pulse, interstage 154382, Raytheon Company, microwave and power tube division	1972
19740086580	Development program for boron lead edge slat for C-5A aircraft	1972
19740086600	A contribution to the measurement technique using electromagnetic suspension	1972
19740086601	Investigation of the transfer behaviour of multivariable systems using eigenvectors	1972
19740086604	Report on the second meeting of the DGLR Scientific Committee on Flow Mechanics Test Technique	1972
19740086612	Capacitor, fixed, micas-paper dielectric	1972
19740086621	Literature references on solar cells	1972
19740086624	Space station solar array technology program	1972
19740086638	The 1972 JANNAF Propulsion meeting Monopropellant, Hydrazine Propulsion Systems Sessions	1972
19740086639	Orbit adjust propulsion subsystem aboard atmosphere Explorer	1972
19740086640	Qualification of rocket engine assemblies for the defense satellite communications programs, phase 2	1972
19740086641	The design, development and qualification of the Pioneer F and G propulsion subsystem	1972
19740086642	Design and operational features of a dual mode hydrazine reaction control system	1972
19740086643	Hydrazine system status report	1972
19740086644	Flight performance of hydrazine thrusters on Intelsat 3 and 4	1972
19740086645	Intelsat 4 spinup system	1972
19740086646	Hydrazine propulsion system for Applications Technology Satellite (ATS) 3, 4, and 5	1972
19740086647	Engine life considerations	1972
19740086648	Contamination effects in hydrazine engines	1972
19740086649	Effects of thermal interface on engine thermal characteristics	1972
19740086650	Life evaluation of monopropellant hydrazine thrusters	1972
19740086651	An experimental evaluation of metallic diaphragms for positive fuel expulsion in the Atmosphere Explorer hydrazine propulsion subsystem	1972
19740086652	Intelsat 4 hydrazine system cleanliness	1972
19740086653	A conceptual model of hydrazine catalytic reactor washout caused by decomposition product poisoning and pressure buildup	1972
19740086654	Experimental evaluation of performance losses in monopropellant hydrazine reactors using Shell-405 catalyst	1972
19740086705	NASA planning data book. Part 5: Space applications, tracking and data acquisition, communications and navigation, earth observations, earth and ocean physics applications	1972
19740086725	Hydrogen film cooling investigation	1972
19740086747	Design concepts for a facility shielding integrity monitoring system	1972
19740086768	Qualification test report for connectors, subminiature screw-on radio frequency (type SMMA)	1972
19740086772	Minuteman 3 propulsion system rocket engine surveillance program age sensitive materials and failure criteria	1972
19740086779	Printed circuit board, thin film, alumina substrate	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086783	Flexible rolled-up solar array	1972
19740086784	Switch, rotary, 1 section, 1 pole, 3 position, 30 deg indexing	1972
19740086787	Production assessment test report: Microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19740086788	Production assessment test report: Microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086789	Production assessment test report: Microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086800	Explosive circuit breakers allowing the transfer of an energy of two megajoules, inductance in an arc	1972
19740086815	Qualification of semiconductor device, diode, variable capacitance per General Dynamics drawing 2638900	1972
19740086822	Reactor irradiation of semiconductors and telemetry equipment	1972
19740086832	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19740086833	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19740086834	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19740086837	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740086841	Baseline - unitorde rectifier diode 11178181	1972
19740086842	Program management aid for redundancy selection and operational guidelines	1972
19740086844	Test and development of flight control actuation system components for military aircraft	1972
19740086855	Nuclear transfers from amphibian eggs	1972
19740086856	Cell fusion	1972
19740086857	The myxomycetes	1972
19740086912	Development of improved munition materials by powder metallurgy	1972
19740086915	Report of test on transformer, step-down, 400 Hz., 154109, Raytheon Company, microwave and power tube division	1972
19740086916	Report of test on single-phase, step-down, transformer, 154100, Raytheon Company, microwave and power tube division	1972
19740086929	Transistor. See S/A SCN 204020	1972
19740086933	Development and demonstration of a low cost boron filament formation process	1972
19740086958	Lightweight aircrew helmets incorporating NAACH communications	1972
19740086961	Flexible rolled-up solar array	1972
19740086980	Determine compliance to LSI specification 150208, resistor, fixed film	1972
19740086981	Redesigned programmer (st-20009-4) qualification test report	1972
19740086982	Qualification test report cord, detonating - 11 GR/FT	1972
19740086995	Engineering critical component specification. Part 1: Performance/design and qualification requirements. Part 2: Product configuration and acceptance test requirements. X-band SSLO for AN/APQ(V)1 radar set adverse weather aerial delivery system	1972
19740086996	Engineering critical component specification. Part 1: Performance/design and qualification requirements. Part 2: Product configuration and acceptance test requirements. Single and dual TR limiter tube for AN/APQ-122(V)1 radar set adverse weather aerial delivery system	1972
19740086997	Engineering critical component specification. Part 1: Performance/design and qualification requirements. Part 2: Product configuration and acceptance test requirements. Motor/tachometer for AN/APQ-122(V)1 radar set adverse weather aerial delivery system	1972
19740087003	Development of a hovering vehicle versatile automatic control system (HOVVAC) cockpit control panels and digital interface unit	1972
19740087018	Advanced Research Projects Agency big light test report. Volume 2: ARPA big light	1972
19740087019	Model development and BMD criteria, Phase 4	1972
19740087031	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1972
19740087032	Production assessment test report on capacitor, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor hi-rel	1972
19740087033	Production assessment test report on capacitor, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor hi-rel	1972
19740087035	Production assessment test report on semiconductor, diode, fast switching, silicon, diffused, glass	1972
19740087036	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor, hi rel	1972
19740087037	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1972
19740087038	Integrated circuit, quad 2-input data, selector/multiplexer	1972
19740087045	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19740087051	Resistor, thermal	1972
19740087052	Electrical tape evaluation	1972
19740087054	Resistor, fixed film	1972
19740087056	Semiconductor device, rectifier	1972
19740087128	Meteoroid hazard analysis of Skylab windows	1972
19740087158	Normal evaporation of binary alloys	1972
19740087169	Screen visual model computer program description	1972
19740087177	The influence of atmospheric gravity waves in the electron content of the ionosphere	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087187	G.E. cable assembly, P/N 75M04668, from the liquid oxygen electrical complex 39	1972
19740087192	Parts, materials, and processes experience summary	1972
19740087214	First program review of shuttle free-flying teleoperator system experiment definition	1972
19740087257	Telemetry data processing for the satellite AZUR	1972
19740087258	Nomenclature for the description of measurements and computations of radiation	1972
19740087259	Radiometers for OH-emission studies for rockets	1972
19740087288	Synchro-transmitter, size 10	1972
19740087289	Synchro-transmitter, size 10	1972
19740087297	The design of cascade blading for use in cavitating fluids	1972
19740087311	Exploratory development program	1972
19740087316	The effects of moisture on the properties of high performance structural resins and composites	1972
19740087322	Switch, pushbutton, electrical	1972
19740087323	Resistor, fixed, wirewound, noc, molded or dipped, .50-1 watt	1972
19740087324	Semiconductor, special type of amplifier, silicon, planar diffused	1972
19740087325	Metal migration on 16-bit shift register	1972
19740087386	Mariner 9 ultraviolet spectrometer experiment: Pressure-altitude measurements on Mars	1972
19740087406	Sensitivity of attitude control propellant requirements to SSPS deviation angle limits (related subtask 1-2A)	1972
19740087407	Selection of the baseline attitude control system for the SSPS and a stability and performance analysis of the elastic coupling between the control system and the spacecraft's structural modes	1972
19740087408	Satellite solar power station: Configuration status report	1972
19740087409	Satellite solar power station: Master program plan development	1972
19740087416	Electrostatic and flame resistance tests of 100 percent cellulose cloth	1972
19740087430	Hardened solar power system	1972
19740087431	Hardened solar power system	1972
19740087468	Normal and radiation modeling of monostable multivibrator integrated circuits for use with computer-aided design and analysis programs	1972
19740087475	Report of test on transformer, power, 3 phase, 400 Hz, R. M. Hadley Company	1972
19740087476	Report of test on high voltage capacitor, 373405-2, Custom Electronics, Incorporated	1972
19740087477	Report of test on transformer, pulse, interstage 154382, OECO Corporation	1972
19740087482	Cobalt-60 gamma and reactor irradiations of junction and metal-oxide-silicon field effect transistors	1972
19740087484	Use of a new inhibitor to improve the compatibility of HDA	1972
19740087498	Qualification report for capacitor, fixed, ceramic dielectric per drawing 423-800470	1972
19740087499	Qualification report for semiconductor device, diode, per General Dynamics drawing 423-800480	1972
19740087502	Sprint project baseline program Motorola PNP G657046, Revision A	1972
19740087507	Parts evaluation report capacitor, fixed ceramic dielectric, drawing 418291	1972
19740087509	Qualification of crystal unit, quartz per General Dynamics drawing 423-800461	1972
19740087514	Baseline: Unirode Corporation silicon control rectifier	1972
19740087522	Capacitor, fixed, ceramic	1972
19740087543	Baseline: RCA 11177622	1972
19740087547	Production assessment test report on capacitor, fixed, film, metallized, non-metallic case, lead mount, contractor hi-rel	1972
19740087549	Literature references on capacitors: Polycarbonate, plastic film, teflow	1972
19740087553	Integrated circuit, 16 bit memory, aluminum lead qualification	1972
19740087560	Normal and radiation models for NAND gate IC's for use with computer-aided design and analysis programs	1972
19740087566	Relays, high voltage	1972
19740087600	Limitation on SSPS control forces so that structure rotations will not exceed satellite pointing accuracy of plus 1 degrees	1972
19740087601	SSPS electrical power transmission and distribution system. Sizing data and internal electro-magnetic forces (subtask 1.2B)	1972
19740087618	Controlled environment and elevated temperature tensile test apparatus for uranium alloys	1972
19740087619	A survey of the properties of chromium-gold metallization for hybrid microcircuits	1972
19740087621	Qualification report for semiconductor, transistor, n-p-n silicon, per General Dynamics drawing 423-800450	1972
19740087623	Qualification report for microcircuit, dual operational amplifier per General Dynamics drawing 423-800570	1972
19740087624	Qualification report for capacitor, fixed, ceramic dielectric, per drawing 423-800576	1972
19740087629	C-5A reliability demonstration test, multi-mode radar navigational controls simulators, CEI number MR0297a, AGE	1972
19740087630	C-5A qualification test report aerospace ground equipment alignment kit, Boresight	1972
19740087636	Surveillance program summary report for attitude control roll engine	1972
19740087637	Effect of high intensity sound on electronic equipment and components	1972
19740087638	Materials selection for use with HDA	1972
19740087652	Surge arrester evaluation test for CNX 47381	1972
19740087670	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial	1972
19740087678	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087687	Feasibility demonstration of a process to form curved plates of single crystal sapphire	1972
19740087693	Special study of reduction of time required for suitability statements	1972
19740087725	Qualification test report for alignment kit, boresight, AGE, MR 0235A	1972
19740087729	Pallet walkway for 108 x 88 inch air cargo pallet	1972
19740087736	Strength testing-external helicopter cargo net 5000 lb (ETI 46/72)	1972
19740087744	Marine ESG navigation as a capability for the present	1972
19740087746	A general proof of the degradation equation for bulk displacement damage	1972
19740087749	Advanced Production Engineering (APE) computer aided fabrication of communications-electronics (C-E) components and packages	1972
19740087756	C-5 qualification test report aerospace ground equipment fixtures, support - AFT cargo ramp/pressure door	1972
19740087757	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740087758	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19740087759	C-5A, fatigue test, main landing gear, extension and retraction mechanism	1972
19740087761	Transistor, NPN, silicon	1972
19740087763	Digital compensators with transport delay	1972
19740087766	SPRINT alternate source component qualification	1972
19740087777	Constant acceleration acceptance test on semiconductor transistor, power, silicon, n-p-n, alloy junction, metal can	1972
19740087785	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial, transistor	1972
19740087786	Production assessment test report on microelectronic circuits, gate, monolithic, circuits, NOC, flat pack	1972
19740087792	A laser diode jig alignment system for major jigs and fixtures	1972
19740087818	PLURAD: A computer model for predicting intrinsic core plume radiation	1972
19740087820	Manufacturing methods for spinel ferrites for use in microwave tubes	1972
19740087824	Development of corrosion-immune alloys	1972
19740087845	Production assessment test report on semiconductor, transistor, power, silicone NPN, planar, metal can	1972
19740087846	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19740087847	Production assessment test report on semiconductor, diode, voltage reference silicon, diffused, glass	1972
19740087848	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1972
19740087849	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19740087856	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1972
19740087857	Propellants	1972
19740087877	Pre-bonding surface cleaning solvent evaluation tests	1972
19740087895	Observation of C-5A operations on landing mat test facility Dyess Air Force Base, Texas	1972
19740087897	Production assessment test reports on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1972
19740087899	Semiconductor, transistor, field effect, silicon, P-channel, planar, metal can	1972
19740087900	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19740087909	Optimization of speech recognition networks	1972
19740087910	On the stochastic properties of local gravity anomalies and their prediction	1972
19740088126	Hydrogen production for Eco-Energy	1972
19740088127	Hydrogen systems for electric energy	1972
19740088128	Nuclear power plants for hydrogen production	1972
19740088162	Qualification test report on variable resistors	1972
19740088182	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1972
19740088183	Production assessment test report on resistor, fixed wirewound, precision, molded or dipped, 2-10 watts	1972
19740088184	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped, 2-10 Watts	1972
19740088185	Production assessment test report on semiconductors, transistor, general purpose, silicon, NPN, planar, metal can	1972
19740088186	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1972
19740088187	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial	1972
19740088191	Oscillators, radio frequency	1972
19740088200	Ionic mobilities and the specificity of an ion mobility spectrometer cell	1972
19740088201	Design and development of ground launched flare	1972
19740088202	Wear processes and quality evaluation of the surface layer of motor vehicle parts, part 1	1972
19740088206	Literature references on the diffusion of innovation technological change social change	1972
19740088224	Evaluation of multi-tap connectors for use in Navy underground electrical distribution systems	1972
19740088227	Literature references on compression set of rubber (silicone type)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740088238	IC triple line receiver	1972
19740088260	Production assessment test report on semiconductor, special type of, matched silicon, planar, epitaxial	1972
19740088262	Qualification test of two hundred fifty (250) transistors P/N 2602195	1972
19740088300	Aircraft CB-protective overlay/entrance	1972
19740088313	Evaluation of reliability analysis approach to fatigue life variability of aircraft structures using C-141 in-service data	1972
19740088314	Development of automated eddy current inspection system for the jet star landing gear shock struts	1972
19740088320	A new synthetic rubber for vehicle tires	1972
19740088322	Production assessment test report on microelectronic circuits, drivers, monolithic circuits, NOC, can	1972
19740088323	Production assessment test report on microelectronic circuits, drivers, monolithic circuits, NOC, can	1972
19740088329	Production assessment test reports on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1972
19740088331	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .10 - .125 watt	1972
19740088332	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740088333	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19740088334	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1972
19740088337	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped, 2-10 watts	1972
19740088339	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1972
19740088340	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1972
19740088341	Production assessment test report on capacitor, fixed, film, hermetically sealed, lead mount, contractor Hi-Rel	1972
19740088342	Production assessment test report on capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, contractor hi-rel	1972
19740088343	Production assessment test report on filters, electrical, radio frequency, NOC, low pass, fixed	1972
19740088344	Production assessment test report on resistor, fixed, wirewound, precision, dipped, 1-2 watts	1972
19740088345	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19740088346	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19740088347	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1972
19740088353	Experimental investigation of electrophoretic coatings	1972
19740088354	An experimental investigation of the generation and testing of anti-wear surface	1972
19740088355	Trouble and failure report on microelectronic circuits	1972
19740088362	Relay, electronic, time delay	1972
19740088437	The determination of fluorides in the atmosphere	1972
19750064047	Enumeration of non-separable graphs on fewer than ten points	1972
19750064187	Study of process-induced imperfections in silicon	1972
19750064210	Skylab program payload integration. Skylab interior acoustic environment report	1972
19750064213	Observations on inhibiting ultrasonic fatigue in 70/30 brass	1972
19750064214	On an approximate stress function for center cracked finite width sheets	1972
19750064216	Etched disc filter	1972
19750064416	Study of process-induced imperfections in silicon	1972
19750064441	Procedure for correcting external geometric distortions	1972
19750064442	Corrosion and stress corrosion susceptibility of several high temperature materials	1972
19750064450	Hypersonic research engine project technological status, 1971	1972
19750064453	Inner zone energetic electron repopulation by radial diffusion	1972
19750064461	Geodyn descriptive summary	1972
19750064551	TDRS multimode transponder program. Phase 2: Fabrication	1972
19750064579	Trip report: Coral Gables, Florida; Little Torch Key, Florida; Stuart, Florida	1972
19750065079	Feasibility of using Eastman color positive material over direct color positive material	1972
19750065085	Cross section characteristics of film type 104-01-02 from microtome sections	1972
19750065086	Evaluation of new Kodak reversal and negative papers for Niagara and rainbow printers	1972
19750065087	Sensitometric data in support of atmospheric model test project 045	1972
19750065485	Formulation, computation, and solution procedures for material and/or geometric nonlinear structural analysis by the finite element method	1972
19750065553	Determination of control parameter values and limits for inert gas welding arcs subject to variations in ambient pressure	1972
19750065626	Orbital operations study	1972
19750065636	Replication of spleen lymphocytes and ileal crypt cells in conventional and germfree young rats (36501)	1972
19750065637	Effects of nitrogen mustard, methotrexate and hydrocortisone on cell replication in rat ileum and spleen (36476)	1972
19750065639	Noctilucent clouds in daytime: Circupolar particulate layers near the summer mesopause	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750065640	Radiation effects on reversal films	1972
19750065652	Evaluation of Hunt chemistry for use with duplicating film types 2420 and 2430	1972
19750065686	Growth kinetics of solid tumors	1972
19750065763	On the asymmetric adsorption of phenylalanine enantiomers by kaolin	1972
19750065768	A search for the Cygnus X-3 infrared candidate at one micron	1972
19750065789	Application of an ejector to the solution of the design problem of propulsion systems of high-speed VTOL aircraft	1972
19750066221	Space shuttle program definition. Phase b: Extension, final report. Payload impact analysis on orbiter subsystems, volume 2A	1972
19750066222	Space shuttle system program definition. Volume 3: Mass properties	1972
19750066302	The adaptation of diastereomeric S-prolyl dipeptide derivatives to the quantitative estimation of R- and S-leucine enantiomers	1972
19750066372	Reconnaissance soil surveys from radar imagery	1972
19750066375	An evaluation of multifrequency radar imagery in the Florida Gulf Coast	1972
19750066386	Image processing applications - IDECS	1972
19750066390	What we've learnt from space exploration	1972
19750066391	Homogeneous catalysis of a gas-phase, ion-molecule reaction	1972
19750066392	Algorithm 446: Ten subroutines for the manipulation of Chebyshev series (C1)	1972
19750066395	Electron paramagnetic resonance investigation of the dynamic Jahn-Teller effect in SrCl ₂ :Y(+2) and SrCl ₂ :Sc(+2)	1972
19750066429	Reconnaissance soil mapping from radar imagery	1972
19750066436	Design and development of a space shuttle command decoder brassboard	1972
19750066525	Terrain roughness and surface materials discrimination with SLAR in arid environments	1972
19750066531	IDECS user's manual	1972
19750066549	Interpretation of side looking airborne radar vegetation patterns: Yellowstone National Park	1972
19750066569	On languages accepted in polynomial time	1972
19750066573	Circulatory effects of practolol	1972
19750066575	An investigation of vehicle dependent aspects of terminal area ATC operation	1972
19750066582	The isotopes of H and He in solar cosmic rays	1972
19750066600	Traverse gravimeter CEI 2025000 FS-2 qualification unit test report	1972
19750066608	Simulation of acceleration superbumps: Some preliminary results	1972
19750066656	Ground measurements in support of a multispectral data system evaluation flight	1972
19750066659	Space shuttle orbit maneuvering engine reusable thrust chamber	1972
19750066660	Space shuttle orbit maneuvering engine reusable thrust chamber	1972
19750066885	Apollo 14 mission report: Apollo 14 guidance, navigation, and control systems performance analysis report	1972
19750066907	Multispectral data compression through transform coding and block quantization	1972
19750066918	Approaches to communication networks for the medical community	1972
19750067086	Space shuttle orbit maneuvering engine demonstration thrust chamber design report	1972
19750067549	Apollo 16 photographic processing control document	1972
19750067561	Organic matter in meteorites	1972
19750067688	TIROS 4 attitude summary	1972
19750067798	Initial results of an experimental study 17.65 GHz rain attenuation and depolarization	1972
19750067806	Space shuttle operation failure and discrepancy reporting, phase 3	1972
19750067811	Facility power out test	1972
19750067812	Skylab 2 space vehicle transfer operations PAD to VAB (BP-30)	1972
19750067813	Apollo/Saturn 5 consolidated instrumentation plan for AS-512 Apollo 17	1972
19750068699	Phase B extension space shuttle concepts. Volume 5: Development requirements	1972
19750068700	Space shuttle	1972
19750068702	Skylab 2, space vehicle propellant load and all systems test	1972
19750068723	Mass spectrometry in structural and stereochemical problems. Part 219: Identification of an unidirectional quadruple hydrogen transfer process in 7-phenylhept-3-en-2-one O-methyl oxime ether	1972
19750068738	MIT's role in project Apollo. Volume 4: Inertial subsystem	1972
19750069086	Animal maintenance for biomedical evaluation of lunar material	1972
19750069149	Phase B extension space shuttle concepts. Volume 2: Technical report	1972
19750069150	Phase B extension space shuttle concepts. Volume 4: Scheduling data	1972
19750069151	Phase B extension space shuttle concepts. Mass properties	1972
19750069220	Maintenance and operation manual quadriphase modem	1972
19750069362	Quiet clean STOL experimental engine study program. Task 2: Preliminary design studies	1972
19750069784	Space shuttle phase B system study extension. Part 2, volume 1: Technical report, system and orbiter	1972
19750069785	Space shuttle phase B system study extension. Part 2, volume 2: System and booster	1972
19750069786	Space shuttle phase B system study extension. Part 2, volume 3: MMC activity	1972
19750069787	Space shuttle phase B system study extension. Part 3: Development requirements	1972
19750069788	Space shuttle phase B system study extension. Part 4: Cost and scheduling data	1972
19750069790	Space shuttle phase B system study extension. Part 6: Final mass properties report	1972
19750069797	Space shuttle phase B system study extension: Mass properties status report	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750069821	Cardiovascular responses in chaired primates	1972
19750069899	NERVA radiation analysis computer codes collection. Volume 1: Summary	1972
19750069919	Engineering operations report: NERVA 400E thrust train dynamic analysis	1972
19750069927	Cooldown controls functional design	1972
19750070086	Design, processing, and testing of LSI arrays for space station	1972
19750070142	Design, processing, and testing of LSI arrays for space station	1972
19750070198	Engineering operations report: NERVA nozzle forging development (ARMCO 22-13-5) report	1972
19750070555	NERVA bearing post-test investigation for 1138146-1 from LH2 inducer test rig following EP-2	1972
19750070567	Engineering operations report: Propulsion module study	1972
19750070817	Development of space stable thermal control coatings for use on large space vehicles	1972
19750071007	Engineering operations report: NERVA digital controller/actuator driver interface study	1972
19750071489	Calculations on the autoignition of mixtures of hydrogen and air	1972
19750071540	Engineering operations report: NERVA cooldown guidance	1972
19750071541	Engineering operations report: Turbopump reliability block diagram and failure mechanism definition	1972
19750071578	Engineering operations report: I and C system design summary	1972
19750071989	Nuclear stage system definition study, Phase A	1972
19750072199	Evaluation of synchronous VS asynchronous executive/operating system for the space shuttle (study task 31S)	1972
19750072201	Acceptance test report for Variable Configuration Sidearm Controller (VCSC). Lear Siegler part no. 430132-02-01	1972
19750072209	Handbook for hydrogen reliquefier	1972
19750072261	Shuttle Payload Control and Checkout Conference	1972
19750072321	Symposium on Substructure Testing and Synthesis held in conjunction with NASA Space Shuttle Dynamics and Aeroelasticity Working Group Meeting	1972
19750072322	An approach to integrated structural analysis	1972
19750072323	Substructuring techniques and their impact on dynamic test requirements	1972
19750072324	Modal synthesis methods	1972
19750072325	Rational reduction of large scale eigenvalue problems and substructure synthesis	1972
19750072326	Formulation of system modal damping for complex structures	1972
19750072327	Synthesis of shuttle vehicle damping using substructure test results	1972
19750072328	A matrix method for synthesis of structural damping from substructure test data	1972
19750072329	The determination of free body responses of a structure from constrained test data	1972
19750072356	Operation and maintenance. Fire rescue air pack. Volume 1: Mechanical	1972
19750072374	Launch vehicle catalog of tests and operations	1972
19750072378	Gemini Agena: Cost, Schedule, and Technical Characteristics Study	1972
19750072390	Planetary imaging radar study. Volume 2: Appendix	1972
19750072394	Studies of a large-scale jet-flap rotor in the 40 by 80 foot wind tunnel	1972
19750072472	Investigation into the DER failure during - the F11 launch	1972
19750072495	An estimation of the structural damping of the Europa 2 vehicle during first stage flight	1972
19750072524	TN analysis of start and conditioning system: Dimensioning the starting system	1972
19750072525	Comparison between development plans and performances of low and high pressure propulsion systems	1972
19750072533	Composite uranium and zirconium carbide behavior in high temperature hydrogen	1972
19750072535	Pseudorandom noise source system study report	1972
19750072556	Prediction of the vibration levels on the water tank of the first stage	1972
19750072625	Coastal zone background paper: Preliminary enumeration of existing land use plans and policies at the various levels of government, relating to wetlands	1972
19750072633	Soyuz atmosphere toxicological requirements Apollo/Soyuz test project agreement	1972
19750072637	Numerical study of behind target debris from shaped charge perforation	1972
19750072641	Manufacturing methods for high strength-high modulus glass fiber	1972
19750072642	Manufacturing process for ultrafine ammonium perchlorate (UFAP)	1972
19750072644	Evaluation of the sand test for determining the brisance of pyrotechnic compositions	1972
19750072646	Improvement of the flight performance characteristics of the bomb MARK 82/SNAKEYE unretarded	1972
19750072649	Stability characteristics as determined by YAW card measurements for four 20(1c2)mm projectiles for the VRFWS-1; HEIT M599, TPT M206, TPT M206E2	1972
19750072650	Magnetic spin accelerator	1972
19750072651	Projectile 155mm: HE, XM549	1972
19750072653	Comparative evaluation of the 20mm developmental ammunition: Exterior ballistics	1972
19750072654	Static wind-tunnel tests of the quick strike mine with various nose configurations	1972
19750072655	A 5K Vuilleumier cryogenic refrigerator	1972
19750072656	Feasibility study of an adjustable delay initiator	1972
19750072658	Manufacturing methods for spinel ferrites for use in microwave tubes	1972
19750072660	Manufacturing process for ultrafine ammonium perchlorate (UFAP)	1972
19750072661	Manufacturing process for ultrafine ammonium perchlorate (UFAP)	1972
19750072675	LOX impact test of three ceramic reinforced PTFE cryogenic seals	1972
19750072676	Tests for shelf life extension of electrical insulating compounds	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072677	Electrostatic and flame resistance testing of nylon 6 tubing	1972
19750072678	Tests for shelf life extension of electrical insulating compounds	1972
19750072679	Tests for shelf life extension of Dow Corning ablative coating 20-103	1972
19750072680	Tests for shelf life extension of silicone rubber potting compounds	1972
19750072681	Test for shelf life extension of ablative coating compounds	1972
19750072682	Electrostatic evaluation of MMC aclar	1972
19750072685	Tests for shelf life extension of ablative coating, dynatherm D-65	1972
19750072689	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1972
19750072690	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19750072691	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1972
19750072692	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19750072693	Production assessment test report on relay, 1 to less than 5 amp, hermetically sealed, 1-30 VDC, D'Arsonval, DPDT	1972
19750072694	Integrated circuit 2048 (512X4) bipolar ROM	1972
19750072695	Transformer, scan driver, quadrature	1972
19750072711	EMR 6130 (computer) on-line station: Partial pressure analyzer system	1972
19750072766	The evaluation of surge protection devices for EMP hardening applications, revision no. 1	1972
19750072795	An econometric approach to redundancy selection	1972
19750072796	Qualification test report on DTL 930 series devices	1972
19750072804	Choke, high frequency P/N 2603937	1972
19750072805	Report of test on inductor, gyro drive P/N 2603936	1972
19750072808	Report of test on line transformers for polyphase instrument co.	1972
19750072847	Development of low temperature curing structural adhesives	1972
19750072849	Reactors, power	1972
19750072851	Relay, phase sensor	1972
19750072852	Reactors, power	1972
19750072853	Couplings, shaft, flexible	1972
19750072863	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1972
19750072864	Production assessment test report on relay, 10 to less than 20 amp, hermetically sealed, 1-30 VDC, latching DPDT	1972
19750072865	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19750072869	C-5A center fuselage stress analysis, volume 1	1972
19750072870	C-5A internal loads analysis center fuselage, volume 1	1972
19750072906	A numerical method to determine the six-degree-of-freedom motion of a surface effect vehicle. Part 1: Theoretical development	1972
19750072907	A numerical method to determine the six-degree-of-freedom motion of a surface effect vehicle. Part 2: User notes	1972
19750072921	Bibliography of unclassified NRL formal reports numbers 6300 to 7400	1972
19750072947	Report abstracts	1972
19750073007	Scaling of performance and thermal environment in fuel-vortex cooled rocket engines	1972
19750073019	Night vision performance evaluation passive image intensifier conversion of M35 periscope	1972
19750073025	Thrust vector control of rocket engines. Part 3: Prediction of thrust vector control by nonreactive gaseous injection	1972
19750073033	Adhesively bonded multi-layer F-104 aft fuselage ring fitting	1972
19750073048	JANNAF Structures and Mechanical Behavior working group, 10th meeting 1971	1972
19750073050	Mathematical modifications to road	1972
19750073099	Continuous detection of propellant vapours	1972
19750073100	Fundamental controls on soot concentrations in rocket exhausts	1972
19750073101	The decomposition of M86 (MHF 3) monopropellant in aluminum pressure vessels and the predicted pressure rise in the emergency power unit tank of Concorde	1972
19750073122	Electromagnetic pulse handbook for missiles and aircraft EMP Interaction 1-1	1972
19750073131	EMP studies and simulation	1972
19750073154	Radar set AN/PPS-20	1972
19750073162	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05-.10 watt	1972
19750073167	Justification and spalt plate adhesion	1972
19750073181	Additives for heat transfer reduction in the propellant combinations N2 O4-MMH and N2 O4-A-50	1972
19750073187	Production assessment test report on semiconductor, special type of, matched silicon, planar epitaxial	1972
19750073189	Production assessment test report on transformer, pulse, NOC, enclosed, audio frequency NOC	1972
19750073205	Investigation of gas metal-arc welding of 10 Ni-8Co-2Cr-1Mo (HY-180) steel alloy	1972
19750073206	Ballistic testing of HY-100 steel weldments	1972
19750073221	C-5A environmental test results aerospace ground equipment test set, transmitter-multi-mode radar CEI no. MR1520A	1972
19750073226	Corrosion analysis of launch tube shipping-storage containers, bins and pallets	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073234	Thrust vector control of rocket engines. Part 2: Gas-dynamic effects due to nonreactive gaseous injection	1972
19750073274	A fluidic control for submarine steering/diving control systems	1972
19750073276	The influence of soil and rock properties on the dimensions of explosion-produced craters	1972
19750073277	A-7E tram chin bump design information flight test program	1972
19750073278	Similitude studies in the dynamic response of reinforced concrete beams. Volume 1: Prediction and analysis of behavior of geometrically scaled reinforced concrete beams	1972
19750073306	Electrostatic evaluation of riegelstat fabric	1972
19750073307	LOX impact test of WD-40 rust preventative compound	1972
19750073308	Electrostatic evaluation of Weblon-44	1972
19750073319	Filters: Radio interference	1972
19750073328	Capacitor, fixed, ceramic dielectric	1972
19750073335	An assessment of the state-of-the-art for vulnerability and hardness analysis of ballistic missile defense facilities. Chapter 1: Introduction	1972
19750073339	Evaluation of protective thin coatings for plastic aircraft transparencies	1972
19750073352	Qualification test on capacitors	1972
19750073369	Micro-T-transistor MMCM2369	1972
19750073406	Comparative coefficients of friction between various candidate materials for the CTS solar array subsystem	1972
19750073424	Dynamic response characteristics of the human vertebral column	1972
19750073447	Analysis of airborne data processing approaches for advanced engineering development	1972
19750073477	Minuteman 3 alignment periscope qualification test procedure	1972
19750073495	Flux removal studies using percent transmittance as a guide	1972
19750073504	Static and dynamic testing of ACM pads	1972
19750073508	Organization and management of an aeronautical research programme serving both military and civil needs	1972
19750073627	Thermal analysis studies on candidate linear, coating, and sealer materials for thermally protected Mark 80 series bombs	1972
19750073629	Hydrogen resistojets for primary propulsion of communications satellites	1972
19750073649	Chemical vapor deposition of dielectric thin films	1972
19750073650	Photoelastic study of local circular reinforcements around holes in structural materials for fatigue prevention	1972
19750073651	Acoustic noise control of transport aircraft: Jet exhaust noise prediction procedure	1972
19750073659	Termination, coaxial	1972
19750073694	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, Planar, metal can	1972
19750073695	Production assessment test report on relay, 10 amp to less than 20 amp, hermetically sealed, 1-30 VDC, D'Arsonval, DPDT	1972
19750073696	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1972
19750073731	Motor - tachometer	1972
19750073736	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1972
19750073737	Filters, band pass	1972
19750073749	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19750073750	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19750073751	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19750073759	Qualification test report on diodes	1972
19750073760	Qualification test on transistors	1972
19750073762	Qualification test report on capacitors	1972
19750073868	SCOUT S-184C final flight report	1972
19750073878	Thrust vector control of rocket engines. Part 4. Tabulated results from experiments on thrust vector control by non-reactive gaseous injection	1972
19750073894	Nonmetallic materials list for Microbial Ecology Evaluation Device (MEED) program	1972
19750073932	MEED Ground Support Equipment (GSE) operation, maintenance and handling procedures for Microbial Ecology Evaluation Device (MEED) program	1972
19750073941	Investigation of superconducting thin-film tunneling devices and their applications	1972
19750073945	Proceedings of Cryogenic Workshop	1972
19750073961	Air-augmented hybrid target missile, phase 3 (U)	1972
19750073962	Manufacturing methods for an energetic plasticizer process (U)	1972
19750073964	Manufacturing methods for an energetic plasticizer process (U)	1972
19750073965	Manufacturing methods for an energetic plasticizer process (U)	1972
19750073967	Energetic propellant binder process (U)	1972
19750074004	Resistor, variable: Film, linear, sine - cosine, precision	1972
19750074005	Qualification test on capacitors	1972
19750074009	Qualification test report on transistors	1972
19750074010	Qualification test on transistors	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074011	Ten-year surveillance program	1972
19750074016	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1972
19750074040	An air defense fighter propulsion system study. Program summary volume (U)	1972
19750074186	Production engineering measure for 18mm fiber optic inverter plate (U)	1972
19750074308	Communications planning, engineering and systems control (syscon) study (U)	1972
19750074327	Vulnerability of the J-57-P-6B turbojet engine to fuel ingestion (U)	1972
19750074880	AS-511 post launch software assessment. Saturn launch computer complex	1972
19750074939	Gemini Agena: Cost, schedule, and technical characteristics study. Volume 1: Summary	1972
19750075049	Production process for hydrazine	1972
19750075068	Required operational capability (ROC) for the COMSPEC system control center (sysconcen) (U)	1972
19750075116	An air defense fighter propulsion system study. Preliminary engine data volume (U)	1972
19750075117	An air defense fighter propulsion system study. Aircraft systems design volume (U)	1972
19750075168	IR thermal camouflage coatings (U)	1972
19750075189	Sensitivity of new communications system planning, engineering, and control concept to force structure and tactical environment changes (U)	1972
19750075359	Connector, plug, electrical	1972
19750075370	Progress report of Physics Division including applied mathematics and computing section, 1 October 1971 - 31 March 1972	1972
19750075372	Interagency Mechanical Operations Group (IMOG) Subgroup on Gaging	1972
19750075377	Field and laboratory study of power plant condenser effects on planktonic and relagic organisms	1972
19750075401	Qualification test of a diode module configuration, to drawing 2606004	1972
19750075412	A discrete evasion game with payoff for near miss. Part 2: The pursuer's strategy	1972
19750075437	Photoemission in the 1-2 micron range	1972
19750075469	Radar type 1006 evaluation and environmental trials, volume 2	1972
19750075495	Plated-up post and plated-thru hole multilayer printed circuit boards	1972
19750075561	A nonsteady state stochastic representation of a supply system for aircraft spares	1972
19750075606	Transonic viscous-inviscid interaction calculation method, including proposed application to the iterative inner and outer-flow solution for airfoils	1972
19750075609	Report of qualification test on (12) heater bands	1972
19750075615	A diagnostic procedure for the evaluation of strain data from a linear elastic test	1972
19750075621	Production assessment test report, semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1972
19750075634	Thickness measurement using eddy-current techniques	1972
19750075671	Report of test on network, gyro regulator, A-5	1972
19750075672	Report of test on network, cell amplifier, A-2	1972
19750075673	Qualification test of (14) soft enable erection torque modules	1972
19750075675	Report of test on network, gyro drive	1972
19750075707	Production engineering measure for high voltage aluminum high reliability electrolytic capacitors	1972
19750075711	Ring arrays of antennas as medium and long wave broadcasting antennas	1972
19750075719	Expanded optics package, Volume 1	1972
19750075723	Report on qualification test on two hundred and fifty (250) transistors P/N2602195	1972
19750075745	Studies of foamed epoxies	1972
19750075746	Rigidified fibrous silica thermal insulation	1972
19750075773	Some aspects of simulation of the thermal regime in a solar resevoir	1972
19750075790	Vertical sweep oscillator	1972
19750075793	The finite difference method of solution for Navier-Stokes equations in cylindrical coordinates	1972
19750075859	Performance evaluation of a power recovery waste heat boiler	1972
19750075862	Large floating platform technology: A review	1972
19750075865	Air-bearing slides for precision X-ray turning machines	1972
19750075868	Carbon-fiber thermal insulation	1972
19750075879	Evaluation of CHICOM receiver-transmitter class: 251A	1972
19750075942	Ultrasonic evaluation of a joint between aluminum and stainless steel made by electroplating nickel at the intersection of the metals	1972
19750075999	Design for Variable Depth Of Field (VDOF) gating power supplies	1972
19750076003	Production assissment test report, on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1972
19750076066	Feasibility of weld-repairing hardware containing solid sodium	1972
19750076069	Research and ecology semiannual progress report, March through August 1972	1972
19750076077	Study of the dimensional stability of tantalum under irradiation	1972
19750076164	Gravity zero (G0) analytical clinical laboratory system	1972
19750076172	Multiconductor cable modeling	1972
19750076174	Development of multi-moded remote manipulator system	1972
19750076175	The multimoded remote manipulator system	1972
19750076189	Mobile launcher modification space shuttle: Preliminary engineering report	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076204	Saturn ground computer complex program organization system index	1972
19750076212	Skylab 2 ground DDAS data evaluation guide	1972
19750076214	Launch vehicle test and checkout plan. Volume 11: Saturn 1B launch vehicle AS-206 flow plan and listings	1972
19750076215	Facility measuring and hazards monitoring support during winds of forty (40) knots or higher	1972
19750076292	Report of test on network, dc to dc converter, A-9	1972
19750076314	Asymptotic methods in the nonlinear theory of oscillations in distributed systems	1972
19750076383	Publications of the International Electrotechnical Commission	1972
19750076385	Report of qualification test of 120 transistors	1972
19750076394	Onderzoek MTF meetmethode investigation of MTF test methods	1972
19750076492	TVGRAPHICS	1972
19750076505	Contribution to the study of the phase diagram of the C]lc]u-Nb system	1972
19750076553	Qualification test on diodes	1972
19750076635	S-3A avionics laboratory (F-81) milestone demonstration (U)	1972
19750076735	Supplementary simulation results: The attack helicopter in the antiarmor mission (U)	1972
19750077024	Gas metal arc-pulsed welding of HY-100 steel	1972
19750077065	Bombardment and strength experiments with prestressed sheet metal	1972
19750077066	Effect of munitions on aircraft residual structural integrity of the F-86 Sabre 6 wing. Part 2: Test results	1972
19750077067	Munitions effectiveness against aircraft residual structural integrity of F-86 Sabre 6 wings under fire, part 3	1972
19750077123	Report on qualification test on two hundred fifty (250) transistors	1972
19750077126	Report of test on transformer, output	1972
19750077131	Dielectric test of filters (1122419)	1972
19750077147	Optical surface finish measurements	1972
19750077158	A survey of the air pollution potential of jet engine test facilities	1972
19750077173	Transformer, drive	1972
19750077190	NWC supersonic research tracks	1972
19750077191	Qualification test of one hundred seventy transistors	1972
19750077233	Effect of liquid sodium on FFTF IHX tube-to-tubesheet weld residue deposits	1972
19750077237	Validation of high temperature design methods and criteria	1972
19750077239	Introduction to the implementation language NEW	1972
19750077267	Analysis of structural materials and LMFBR coolant-boundary components, materials property evaluations	1972
19750077380	Production assessment test report, on semiconductors, special types of field effect, silicon, planar epitaxial	1972
19750077405	Connector, plug, electrical	1972
19750077410	On the vertical distribution of carbon monoxide and methane in the stratosphere	1972
19750077465	Components and materials engineering report gross leak test evaluation	1972
19750077479	PHM foil array material selection	1972
19750077490	Sidewinder qualification test summary	1972
19750077531	Safety analysis report supplement: 306 building powder laboratory	1972
19750077553	Techniques in holographic interferometry	1972
19750077603	Exploratory development of thermally stable dyed fabrics	1972
19750077663	FIXWEX CHARLIE 73, proposed tactics	1972
19750077664	FIXWEX CHARLIE 73, proposed measures of effectiveness	1972
19750077676	Examination of defects on hybrid thin film circuits	1972
19750077677	The significance of inclusions/precipitates in beryllium	1972
19750077689	A mathematical model of the combustion chamber	1972
19750077706	Qualification status of Del Electronics Power Supply (10671382)	1972
19750077749	Speed regulator with controlled amplification for electric cars	1972
19750077778	Qualification test of capacitors. Capacitors, fixed, electrolytic, aluminum, metallic case, chassis mount	1972
19750077798	Capacitor, fixed, paper dielectric - Feed thru	1972
19750077799	Removal of bonded heat dissipator from circuit board	1972
19750077802	AN/VVG-1 () laser range finder for M551 armored reconnaissance/airborne assault vehicle Sheridan	1972
19750077826	Aeronautical system description methodology for EMP analysis	1972
19750077828	Production assessment test report on semiconductors, special types of, field effects, silicon, planar epitaxial, transistor, dual	1972
19750077845	Investigation of the application of adhesives in hybrid integrated circuits	1972
19750077957	Semiconductors, transistors fast switching, silicon, NPN, metal can	1972
19750077958	Qualification testing for second source (11241777-37,-42, G243740-8)	1972
19750077961	Qualification status of transformer (10677000), transformer, step-down, hermetically sealed, 400 Hz	1972
19750077963	Qualification test on (14) pre-amplifiers, solid state	1972
19750077971	Qualification test of (250) transistors	1972
19750078084	MSFC hypersonic test leg design, installation, and operations manual	1972
19750078092	Geopotential coefficients for geostationary satellite orbits	1972
19750078096	The stabilisation of rubbers for use at high temperature and in contact with swelling fluids	1972
19750078099	Microwave properties of the atmosphere, clouds and the oceans	1972
19750078124	Establishment of a Romanian proving ground for photogrammetric research and experimentation	1972
19750078156	Stratospheric methane from infrared spectra	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078200	Qualification test of 127 transistors	1972
19750078232	Qualification of vendors for MIL-P-13949 material (11221496), boards, printed circuit, glass, epoxy copper	1972
19750078254	Investigation of niogium-tin coated copper plate	1972
19750078255	Investigation of printed circuits board metallization	1972
19750078276	The formulation and evaluation of a removable marking ink	1972
19750078298	Production assessment test report, on microelectronic circuits, multivibrator, nonolithic circuits, NOC, flat pack	1972
19750078306	Investigation of fatigue and crack propagation behavior of adhesives	1972
19750078330	Preproduction test report for vidicon and focus deflection coilassy	1972
19750078351	Report of test on network, detector and synchronous filter	1972
19750078437	Workmanship standard: Work area, safety and materials	1972
19750078439	Comparison of integrated circuit transistor array type 3045 from RCA, MIL and Fairchild	1972
19750078452	Flat cable circuits for the Viking Articulated boom	1972
19750078454	Report of test on connector assemblies, vibration and shock tests for transitron electronic corporation	1972
19750078569	Assembler program for the INTEL MCS-8 8008 CPU	1972
19750078573	Irradiation of boron carbide and tantalum in a spectrum-hardened ETR flux	1972
19750078581	Validation of high-temperature design methods and criteria	1972
19750078584	HEDL recommendation for non-radioactive, sodium wetted component handling and cleaning	1972
19750078653	Thermal expansion calibration standard	1972
19750078654	Feasibility study to control DAP compound, ST0130AB0091. Acoustical behavior at low temperature	1972
19750078672	Test report for actuator, rotary, electro mechanical	1972
19750078821	High Temperature corrosion in gases at reduced pressures	1972
19750078828	Virtual memory utilization in large plasma simulation codes	1972
19750078857	Connector, electrical	1972
19750078858	Connector electrical	1972
19750078861	Heat balance and thermal conduction	1972
19750078870	Report of test on network, CSD and servo enable A-4	1972
19750078884	Explosive circuit breakers shock waves in solid media	1972
19750078904	Production assessment test reports on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1972
19750078915	Relaxation solutions for inviscid transonic airfoil flow fields	1972
19750078926	Energy-oriented guidance logic in air combat model ATAC	1972
19750078999	Preliminary evaluation of bird-aircraft strike at Beale AFB, California	1972
19750079075	Intermediate heat exchanger for fast flux test facility	1972
19750079077	Analysis of pseudorandom numbers	1972
19750079203	Infrared spectra of rust-resistant and rust-susceptible types of wheat	1972
19750079371	User's manual for FLY: A computer code for the PDP-7/luminescence spectrometer system	1972
19750079426	Development and optimization of flow-cast magnesium flare compositions	1972
19750079455	Integrated circuit, dual two bit full adder	1972
19750079643	Apollo cryogenic integrated systems program: Programmer's guide, MSC/TRW task E-98-A	1972
19750079644	A study of NS air carrier accidents, 1964-1969	1972
19750079726	Report of test on network, caging amplifier and cell cycle	1972
19750079767	Analysis of FIXWEX BRAVO 73	1972
19750079771	Redundant hydro-mechanical actuator feasibility study	1972
19750079906	Tactical operations system design specification. Intelligence collection management functional area, appendix R	1972
19750079940	Sodium technology program	1972
19750080088	Kaon (plus) photoproduction and the F/D ratio for vector and tensor meson couplings to baryons	1972
19750080089	An introduction to discrete event simulation	1972
19750080090	AS-512 facilities and environmental measurements program	1972
19750080092	Wave normal and ray propagation in lossless positive bianisotropic media	1972
19750080093	Theory of a magnetometer functioning with nuclear precision	1972
19750080126	Quiet Clean STOL Experimental Engine Study Program. Task 2: Preliminary Design Studies, Supplement (U)	1972
19750080142	Qualification test on capacitors: Capacitors, fixed, film, metalized, dipped, lead mount	1972
19750080153	Qualification test report on TRA part 734 B9101-2	1972
19750080174	Evaluation of Motorola's preglazed lid seal method for MMIII IC's	1972
19750080184	Evaluation of high tear silicone	1972
19750080205	Qualification test report on TRA part 734B9112-2 on semiconductors, transistors, power, silicon, NPN, planar, metal can	1972
19750080293	Performance of steel wire ropes loaded cyclically in tension and bending	1972
19750080351	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19750080352	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19750080353	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1972
19750080400	Tactical operations system design specifications. Appendix s: Army aircraft operations functional area	1972
19750080407	Technical handbook system for joint munitions Effectiveness Manuals (JMEM) and related publications	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080730	AWAAM midcourse guidance and terminal acquisition in a countermeasures environment (U)	1972
19750080833	Theoretical and experimental research in view of the correlation between planar weak silicon transistors and their excess ground noise	1972
19760065757	Electronographic plate image recording device	1972
19760065939	Hypersonic research engine project. Phase 2: Structures and cooling development, data item no. 55-7.18	1972
19760066166	On languages accepted in polynomial time	1972
19760066174	Aircraft symmetric flight optimization	1972
19760066329	Program of research on the management of research and development. Program summary 1970 - 1971	1972
19760066442	Evaluation tests of NASA thick film resistors over a six year period	1972
19760066448	Nonlinear absorption and optical breakdown of liquid laser attenuators	1972
19760066449	Application of sampling functions to earth gravity models	1972
19760066450	The effects of temperature and environment on subcritical crack growth	1972
19760066451	Seed dispersal methods in Hawaiian Metrosideros	1972
19760066452	Theory of the propagation of elastic waves in granular media	1972
19760066456	The acquisition of sequential patterns of discrete events	1972
19760066460	Manned thermal-vacuum test operations: Its development from experimental to routine	1972
19760066461	Chromosomal analyses of the Gemini and Apollo astronauts	1972
19760066462	Agricultural inventory techniques using orbital and high altitude photography	1972
19760066473	Reversal-bounded multi-pushdown machines: Extended abstract	1972
19760066676	Surface-pressure and heat-transfer measurements for various cylindrical configurations in hypersonic streams	1972
19760066961	Response of buck polymer under motion with constant stretch histories	1972
19760066964	Computer tracking and measurement of blood vessel shadows from arteriograms	1972
19760067836	Research review, 1 January 1972 - 31 December 1972	1972
19760067855	Long-life, space-maintainable nuclear stage regulators and shutoff valves	1972
19760067888	Engineering operations report: Burst testing of the NERVA turbopump turbine rotor assembly	1972
19760067889	Reactor backup nozzle, S/N 000002L, test series 3.4-02-NNN	1972
19760067891	Reflector-nozzle design trade study. Trade study no. 780	1972
19760067971	NERVA startup common analog model equation derivations	1972
19760068427	Data compression/error correction digital test system	1972
19760068577	Engineering operations report: Propulsion/electrical power generation	1972
19760068609	Nuclear rocket uncooled nozzle study program, phase 3	1972
19760068613	Effluent scrubber presentation to SNPO-Washington	1972
19760068851	Lunar sample analysis, surface acoustic wave study of lunar material	1972
19760068936	Fulfillment of project 620 work statement no. 4 milestone	1972
19760068941	NERVA reliability and safety analysis methods. Volume 4: Reliability testing, trend data and failure analysis	1972
19760069640	Quiet clean STOL experimental engine study program. Task 1: Parametric propulsion system studies	1972
19760069664	The multiple round-jet/plane-wall flow field	1972
19760069757	Reusable nuclear stage system definition study, phase 4	1972
19760069780	Dual mode NERVA application study	1972
19760069781	NERVA reliability and safety analysis methods	1972
19760069792	NERVA engine weight and balance report	1972
19760070100	Space shuttle strapdown inertial measuring unit program analysis. Volume 1: Management summary	1972
19760070101	Space shuttle strapdown inertial measuring unit program analysis. Volume 2: Technical	1972
19760070102	Space Shuttle Gimballed Inertial Measurement Unit Program Analysis Study. Volume 3: Management Summary	1972
19760071601	Monthly mass properties report.	1972
19760071785	Gravitational synchrotron radiation in the Schwarzschild geometry	1972
19760072131	A simplified scheme for computing radiative transfer in the troposphere	1972
19760072643	Guides for short-term exposures of the public to air pollutants. 4: Guide for ammonia	1972
19760072644	Skylab experiments	1972
19760072659	Synergistic role of temperature and exposure to ionizing radiation	1972
19760072663	Banning placement-routing-folding user's manual	1972
19760072986	Development of a fail safe design oxidation resistant reinforced carbon system for the wing leading edge of a space shuttle vehicle, phase 3. Volume 5, appendix C: Thermal analysis	1972
19760072992	Apollo 14, CSM 110, service propulsion system final flight evaluation	1972
19760072993	Apollo 14 mission report: Ascent propulsion system final flight evaluation	1972
19760073033	Space shuttle orbiter wing leading edge ablator VS RCC TPS	1972
19760073464	Backflow of outgas contamination onto orbiting spacecraft as a result of intermolecular collisions	1972
19760073522	Apollo: Guidance, Navigation and Control	1972
19760073532	Rock-type discrimination from ratio images of Pisgah Crater, California	1972
19760073533	Estimating proportions of objects from multispectral objects	1972
19760073542	SMS X-ray Sensor electron response	1972
19760073606	Development of a thermal protection system for the wing of a space shuttle vehicle, phase 2	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760074747	Note on NLR work related to Europa 3 vehicle aerodynamics	1972
19760074748	Wind tunnel tests on a model of Europa 3 reference vehicle number 26 at Mach numbers from 0.6 to 4.0	1972
19760074752	Aerodynamic loads on fin of Europa 3 reference vehicle no. 26 in supersonic speed regime	1972
19760074754	Estimation of aerodynamic loads on Europa 3 reference vehicle no. 47	1972
19760074755	Compilation of aerodynamic data for Europa 3 Reference model number 26	1972
19760074756	Fins of 2 sq m with long conical fairings. Stresses at the attachments on the engine frame under a aerodynamic ultimate load of 30000 N/sq m	1972
19760074757	Determination of the aerodynamic loads taking into account the wind tunnel test results and the two typical trajectories. Configuration with long conical carenage and fins of 2 sq m	1972
19760074758	Influence of the fairings and fins on the aerodynamic stability of the complete vehicle	1972
19760074802	Review of lifing specification DHM 15500 with respect to the principles of operation relating to the equatorial launch site Guiana and C3 site at Spadeadam	1972
19760074805	Planning of the sea level and battleship test stand for Europa 3 second stage propulsion system H20 at Lampoldshausen	1972
19760074806	Test facilities Lam: Design of measurement and control center Lam	1972
19760074808	Combustion test facility Ottobrunn	1972
19760074809	Calculation of the launcher suspension in the Europa 3 dynamic test rig	1972
19760074824	Spares evaluation for Europa 3 first stage equipments	1972
19760074825	Performances from Kourou launch pad: wind loads and study of unfavorable profiles	1972
19760074828	Europa 3 telemetry system	1972
19760074829	Application of PCM-telemetry for Europa 3	1972
19760074835	Study of a modified flat earth guidance law for the Europa 3	1972
19760074852	Europa 3 overall integration comparison study of different solutions	1972
19760074854	F12 computer flight program inertial guidance system: ELDO-A launch vehicle	1972
19760074863	Europa 3: Safety system VEB interfaces (draft)	1972
19760074868	Europa 3 safety circuits preliminary study	1972
19760074870	Test philosophy and test planning for the development, qualification, and acceptance of the metallic structure	1972
19760074872	Thermal study of the equipment bay of the operational fourth stage of the ELDO vehicle	1972
19760074873	Europa 3 safety system: Basic scheme of logic circuits	1972
19760074876	Application comparison on transducers to instrument the second stage of the Europa 3 launcher	1972
19760074885	Considerations on geostationary orbital transfer by ionic propulsion: Applications at the Europa 3 launch vehicle	1972
19760074891	Methods for measuring the volume of first stage main tanks: Preliminary study	1972
19760074902	Space tug engine study, Phase A	1972
19760074907	Development philosophy of the combustion chamber system of the H-20 engine	1972
19760074908	Propellant flow and stress analysis of the H-20 engine main chamber injector	1972
19760074909	H-20 injector: Layout and design (situation on 15th Feb. 1972)	1972
19760074915	Propellant system malfunction, failure mode and effect analysis	1972
19760074916	Propellant system integration test philosophy	1972
19760074918	Presentation of filling and emptying system and ground pressurization of Drakkar first stage of Europa 3 launcher	1972
19760074919	Presentation of engine control system of Drakkar first stage of Europa 3 launcher	1972
19760074921	Development of carbon fibre/epoxy resin stringer-skin panels for ELDO	1972
19760074923	Study of reflecting screens for thermal insulation at high temperatures	1972
19760074927	Recapitulation of studies carried out on an insulation system with a shield in TD niCr and with protecalor insulation	1972
19760074928	Space shuttle: Fatigue tests on samples of TD NiCr brazed and unbrazed	1972
19760074937	Determination of aluminum content by the atomic absorption method	1972
19760074941	Experimental safety tests on a high expansion foam as an evaporation reducer for N2O4	1972
19760074945	A method for establishing 'radio silence' constraints	1972
19760074949	Kinetic heating of the second stage rear skirt (Coralie second stage flight plan F12 issue 2 of first August 1972)	1972
19760074953	Temperature comparison of intertank structure of the second stage using the trajectory of the second loop and previous results	1972
19760074954	Aerodynamic heating: Fin surface temperatures	1972
19760074955	Aerodynamic heating: Fin leading edge temperature distribution	1972
19760074956	Europa 3 calculation of the aerodynamic heating: Second loop	1972
19760074957	Kinetic heating of the fin surface of Europa 3	1972
19760074958	Flow field estimate ahead of the fins of Europa 3	1972
19760074959	Aerodynamic heating of the fin leading edge region of Europa 3	1972
19760074960	Calculation of the kinetic heating during a ballistic trajectory	1972
19760074963	Space shuttle thermal insulation blanket study	1972
19760074968	Measurement of the mean diameter of droplets flowing from part of an injector	1972
19760074971	Calibration of some measuring systems used in the calibration rig for LH flowmeters	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760074972	The calibration of the SEP liquid hydrogen flowmeter 2 inch. type E155	1972
19760074973	First experience with the calibration rig for LH and the calibration of the RPE liquid hydrogen flowmeter 1.25 inch. type 5004/227	1972
19760074977	Results of development work for LOX inducer devices with water	1972
19760074978	Liquid oxygen, liquid hydrogen high pressure valves for the Europa 3 H-20 engines	1972
19760074979	Results of development work for inducer devices in LOX	1972
19760074980	Preliminary design of main tank belts in Europa 3 first stage	1972
19760074982	Dimensioning of the pump and hydraulic accumulator in the control system	1972
19760074986	Fourth stage operational bay: Comparison between static tests and calculated results	1972
19760074987	Coralie sequencer vibration tests on 3 axes	1972
19760074990	Calculation of stressed skin thicknesses stiffener frame and resistance to compression of stiffened skin for Europa 3 first stage front skirt	1972
19760074991	Stresses in engine frame and fins connections under an ultimate aerodynamic load of 3,000 daN/sq m in Europa 3 first stage fins structure	1972
19760074992	Structure test philosophy for shock, acoustic noise, and vibration tests	1972
19760074994	Europa 3 first stage structure water tank, new accelerations: Final coefficients for the skin and suspension	1972
19760074995	Vibration modes of full water tank in Europa 3 first stage structure	1972
19760074996	Study of the choice of the water tank attachment on the engine frame	1972
19760074997	Mechanical equipment for Europa 3 first stage structure: Justification of the water tank suspension	1972
19760074999	Feasibility tests on the main tanks in Europa 3 first stage structure	1972
19760075005	Study of physico-chemical behavior of fuels and heat resistant materials in a space reactor	1972
19760075013	Wind profiles for use with Guyane-launched ELDO vehicles	1972
19760075034	Wind tunnel measurement of fin loads on model of Europa 3 reference vehicle no. 26 at Mach numbers from 1.3 to 2.3	1972
19760075036	Analysis of the wind tunnel test results: Aerodynamic coefficients	1972
19760075040	Estimation of the permissible aerodynamic torques during the first stage propulsion phase	1972
19760075041	Europa 3 heat shields. Overall loads evaluation. Addendum part A: Aerodynamic analysis	1972
19760075049	Modified flat earth guidance law for the Europa 3, part 3	1972
19760075052	Shuttle-booster ascent-descent optimization with regard to fly-back requirements	1972
19760075055	Study of the Europa 3 first stage guidance during a liquid sloshing	1972
19760075057	Coralie F12: Study of the guidance stability in the flexible modes	1972
19760075058	Coralie E12. Guidance study: Statement of results	1972
19760075061	Theory for ELDO LOCAF programs	1972
19760075064	Selection of a cryogenic fuels LH2 and LO2 transfer system	1972
19760075065	Europa 3 heat shields: Operational documentation.	1972
19760075066	Installation of equipment required for H-2O engine: Technical note on the rotor dynamic test bed	1972
19760075067	Europa 3 second stage: Preparation for the hot tests on the H-2O turbine	1972
19760075069	Multistage reference vehicle for Europa 3	1972
19760075071	Injector calibration rig at F22 site	1972
19760075072	Dynamic mock-up for Europa 3: Initial project. Volume 1: Technical proposals	1972
19760075074	Europa 3: Requirements on a cryogenic structure test stand from the point of view of the developer of the structures of the second stage	1972
19760075075	Prelaunch operations of Europa 3 second stage: Selection of a cryogenic propellant system transfer liquid hydrogen and liquid oxygen	1972
19760075078	Europa 2 launch vehicle: Determination of the stress in the fourth stage separation ring	1972
19760075079	European space tug, phase A study, part 2, volume 1	1972
19760075080	European space tug, phase A study, part 2, volume 2	1972
19760075081	European space tug, phase A study, part 2, volume 3	1972
19760075082	European space tug, phase A study, part 2, volume 5	1972
19760075087	Control system studies	1972
19760075088	Performance. Environmental thermal flux	1972
19760075089	Insulation qualification. Test on tank domes and protuberances: Influence of debonds on the insulation integrity	1972
19760075090	F11 failure	1972
19760075091	F11 failure, annexes	1972
19760075092	Europa 3 heat shields. Heat shields-VEB: Mechanical interface	1972
19760075093	Europa 3 heat shields: Weight optimization analysis	1972
19760075095	Preliminary analysis of sequencing, monitoring and control	1972
19760075096	Europa 3 heat shields: Dispersion of separation parameters	1972
19760075097	Effect of an unbalanced mass on a symmetrical rotating craft	1972
19760075098	Vehicle alignment	1972
19760075099	Volume dispersion of the propellant tanks in function of fabrication tolerances. Pressure and temperature capacity of the tanks and volume-level graphs	1972
19760075102	Europa 3 technical data sheets. Nose fairings: General data	1972
19760075103	Study of the attitude control system of the second stage Europa 3	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075104	Study of a digital attitude control system of the second stage of Europa 3 (presentation of Overall Vehicle Studies)	1972
19760075105	Study of the digital attitude control system of the second stage of Europa 3	1972
19760075106	Comparison of different roll control systems for Europa 3 second stage	1972
19760075113	Interstage structure and stage separation, project definition phase, volume 4	1972
19760075114	Dynamic problems on the Europa 3 launcher. Volume 1: Synthesis of technical and financial aspects	1972
19760075115	Dynamic problems on the Europa 3 launcher. Volume 2: Estimation of the costs and time scale for the DMU activity on a scale model	1972
19760075116	Dynamic problems on the Europa 3 launcher. Volume 3: Preliminary studies for an experiment using a scale model	1972
19760075118	Hydraulic and pneumatic tests on Viking 2 damper cylinder	1972
19760075121	Europa 3: Estimated weight of VEB	1972
19760075122	Preliminary Europa 3-VEB: Weights of configuration based on ELDO telex 5320/1	1972
19760075123	Europa 3 VEB: Product assurance program plan	1972
19760075125	Description of the space tug mission coverage computer program	1972
19760075126	Candidate tug systems definition	1972
19760075127	Candidate tug performance	1972
19760075128	Tug operational phases and procedures	1972
19760075129	The tug autonomy and mission success. Probability requirements	1972
19760075133	Load assumptions and design principles to assure the air/space worthiness of the launcher vehicle Europa 3	1972
19760075138	Solid propellant apogee stage for Europa 3. Complementary study	1972
19760075150	Europa 2 roll stability assessment of the first stage autopilot (production vehicle)	1972
19760075151	Europa 2: Cos-B load analysis for third and fourth stage flights	1972
19760075153	Stage conditioning system	1972
19760075154	Blue Streak separation and equipment bays thermal stress analysis	1972
19760075155	A review of the reliability aspects of Blue Streak	1972
19760075157	Europa 2 payload requirements as governed by the first stage control system	1972
19760075162	Pogo investigations applicable to Europa 2 first stage flight	1972
19760075165	European space tug, phase A study, part 2, volume 4	1972
19760075170	Determination of the telemetry data links	1972
19760075180	Coupled Europa 2/Symphonie spacecraft load analysis during second stage flight	1972
19760075181	Coupled Europa 2/Symphonie spacecraft load analysis during third and fourth stage flight	1972
19760075182	Europa 3 heat shields: Mechanical interfaces VEB	1972
19760075183	Europa 3 heat shields: General configuration investigation	1972
19760075186	Fluidic roll control system for Europa 3 second stage using supersonic amplifier	1972
19760075191	Europa 3 heat shields: Instrumentation Plan development	1972
19760075195	Preliminary design of the cooling jacket for the regeneratively cooled section of the H-20 engine	1972
19760075201	Analysis of start and conditioning system. Conditioning of engine system	1972
19760075203	Study of H-20 engine with dump cooling around the operating design point for a given chamber pressure (130 bars) and for variations of overall mixture ratio (5.5 to 6.5). Thrust variation for a fixed position of the pre-chamber regulating valve	1972
19760075206	Contribution to the study of hydraulic characteristics of the injection of the cooling film	1972
19760075208	Steady state combustion model for a rocket engine: High pressures	1972
19760075209	Viking engine: Study of steady state combustion	1972
19760075210	Presentation of the Viking 2 engine	1972
19760075211	Load tests on Viking engine articulation system	1972
19760075213	Determination of H-20 engine operating design point	1972
19760075214	Determination of H-20 engine operating design point	1972
19760075215	Weight study of engine and propellant systems	1972
19760075216	Operation of H-20 engine at three quarters nominal thrust	1972
19760075219	Europa 3 heat shields: Fairings electrical interfaces	1972
19760075220	Europa 3 heat shields: Electrical circuits and power supply	1972
19760075221	Calculation of the potential flow across the blades: Utilization of results for H2O turbine	1972
19760075223	Analysis of the operation of Viking injectors used for the series of 6 tests of the average life engine at PF2 from 9/12/70 to 5/7/71	1972
19760075224	Summary of results of experimental medium life tests on Viking engine at PF2 from 8 April to 5 July 1971: Text	1972
19760075225	Summary of results of experimental medium life tests on Viking engine at PF2 from 8 April to 5 July 1971, annexes	1972
19760075228	Detailed analysis of thrust chamber and nozzle extension	1972
19760075229	Propagation of the H-20 engine exhaust jet	1972
19760075234	Presentation of hot gas pressurization of Europa 3 launcher Drakkar first stage	1972
19760075237	Zirconia linings for Viking engine. Results of work at 30 Jun. 1972	1972
19760075238	Theoretical determination of pressure loss in Viking 2 injectors 8000A and 8000B	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075239	Propellant pressurization system analysis	1972
19760075248	Propulsion system integration philosophy	1972
19760075249	A semi empirical analysis of the partial pressures of gaseous oxygen and gaseous nitrogen in the ullage space of the LOX tank on the Blue Streak with special reference to the F9 and F11 vehicles	1972
19760075254	Corrosion test under tension	1972
19760075255	Protection of aluminum alloys on storable propellant engines	1972
19760075260	Development of carbon fibre/epoxy resin stringer skin panels for ELDO: Optimum design	1972
19760075262	Gas and propellant consumptions during prelaunch operations of Europa 3 second stage	1972
19760075265	Density of liquid oxygen	1972
19760075273	High frequency links	1972
19760075274	Technical proposal of an onboard telemetry antenna for Europa 3 vehicle	1972
19760075279	Vibration tests on AEMGP BR32 relays	1972
19760075280	Setting up of the hazardous electrical systems	1972
19760075283	Heat transfer in the pressurization pipes of the Europa 3 engine	1972
19760075284	Liquid sloshing in a tank shape formed by a body of revolution	1972
19760075285	Europa 3 heat shields: Thermal analysis	1972
19760075287	Europa 3 heat shields: Load assumptions and design philosophy review and comparison	1972
19760075290	A semi empirical analysis of the LOX pressure surges produced by valve closure for the Blue Streak Launch vehicle	1972
19760075291	A semi-empirical analysis of the kero pressure surges produced by valve closure for the Blue Streak launch vehicle	1972
19760075294	Definition project of the qualification conditions for the first stage measurement equipment	1972
19760075295	Evaluation of measurement sensors for the Europa 3 program	1972
19760075385	Space shuttle technology ELDO program: Rendezvous and docking radar system study	1972
19760075386	Request for dynamic tests on turbopump simplified rotor	1972
19760075387	Request for tests on shrouded impellers on centrifugal bed	1972
19760075388	Servomotor hydraulic supply for Drakkar first stage of Europa 3 launcher: Comparative study of different solutions	1972
19760075389	Summary of inducer tests	1972
19760075390	Detailed analysis of the turbopump dynamic behavior of the O2 balancing disk	1972
19760075391	H-20 engine turbine	1972
19760075392	H-20 engine hydrogen pump	1972
19760075393	H-20 engine oxygen pump	1972
19760075394	H-20 engine test installations: Technical - note on turbopump test rig	1972
19760075397	System specifications. General specifications: Pyrotechnical system	1972
19760075400	Coralie F12: Calculation of frequencies and natural bending modes	1972
19760075401	Thickness calculations for skin-stiffener and frame of rear skirt in Europa 3 first stage structure: Compression resistance of the stiffened skin	1972
19760075404	Europa 3 first stage structure. Loads at the fairings fittings on the support girders: Reaction of the support girders on the engine frame	1972
19760075405	Calculation of the flange connecting the dome and the ring in a Europa 3 first stage propellant tank structure	1972
19760075407	Acceptance proof testing of Europa 3 second stage tanks: Investigation of fracture mechanics	1972
19760075412	Flexible matrix of the suspension system of the water tank in the Europa 3 first stage structure	1972
19760075414	Structure predevelopment works. Feasibility tests of orange peel domes on 1.5m scaled models	1972
19760075416	Europa 3 first stage structure stresses at the attachments and reactions on the rear skirt frame of the water tank suspension system	1972
19760075417	Stresses at the attachments and reactions on the rear skirt frame of the water tank suspension system	1972
19760075418	Pogo phenomenon measurements	1972
19760075419	Europa 3 heat shields: Preliminary flutter calculations	1972
19760075423	Test philosophy and test planning for the development, qualification and acceptance of the metallic structure	1972
19760075424	Orange peel dome program: Dome unit and stress computation in the Y-ring	1972
19760075425	Vibration and shock environmental specifications for Europa 3 second stage structure	1972
19760075426	Requirements for the determination of structural loads owing to fueling and defueling of cryogenic propellant tanks	1972
19760075442	LOCAF: A users' guide for the ELDO load calculation facility	1972
19760075444	ICS-data processing subsystem main computer. Preliminary software design description	1972
19760075445	Study of the onboard computer software organisation PDP 1	1972
19760075487	Study of flight mechanics during fourth stage propulsive phase. Jet damping and thrust decay perturbations: Input data and calculation case	1972
19760075488	Prelaunch operations analysis	1972
19760075492	Planning of the required shaker- and acoustic noise test facilities	1972
19760075493	Static test stand at Lemwerder	1972
19760075494	Europa 3 logic diagram PCM simulator CSM 512	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075495	Static structure test stand at Lemwerder	1972
19760075496	Study electrical mock-up, Europa 3	1972
19760075498	Europa 3 checkout data acquisition subsystem	1972
19760075499	Analysis of all criteria for the choice of Europa 3 site	1972
19760075501	Safety limitations for the choice of a launch site Europa 3	1972
19760075502	Report for mechanical ground support equipment (MGSE)	1972
19760075510	Europa 3 checkout data acquisition subsystem	1972
19760075511	Europa 3 checkout data acquisition subsystem	1972
19760075513	Load assumptions and requirements for handling, storage and transportation	1972
19760075515	Test and general facilities	1972
19760075517	Europa 3 first stage. Project for a laboratory model	1972
19760075519	Simulators Project	1972
19760075520	The case for a small European space tug	1972
19760075533	ECTOPOS: Cryogenic stage for parking to synchronous orbit transfer (associated to Europa 3)	1972
19760075534	PDRG final report	1972
19760075535	PRDG final report. Annex, volume 1: Stage 1, interface 1/2 and stage 2	1972
19760075536	PDRG final report. Annex, volume 2: Interface 2/3, third stage	1972
19760075537	PDRG final report. Annex, volume 3: Interface 3/4, stage 4, interface 4/5, capsule, fairings, O/A vehicle and site	1972
19760075538	Europa 3 multi-stage reference vehicles: Advanced project	1972
19760075539	Interstage structure and stage separation, project definition phase, volume 1	1972
19760075540	Interstage structure and stage separation, project definition phase, volume 2	1972
19760075541	Interstage structure and stage separation, project definition phase, volume 3	1972
19760075560	Coupled Europa 2: Cos-B spacecraft load analysis during second stage flight	1972
19760075561	Europa 3 nose fairings initiating separation system	1972
19760075566	Europa 3 first stage: Thrust frame development and production	1972
19760075567	Europa 3 second stage structure	1972
19760075568	Structure subsystem, volume 1	1972
19760075569	Structure subsystem, volume 2	1972
19760075570	Structure subsystem, volume 3	1972
19760075571	Structure subsystem, volume 4	1972
19760075572	Structure subsystem, volume 5	1972
19760075573	Structure subsystem, volume 6	1972
19760075574	Structure subsystem, volume 7	1972
19760075578	Space tug, cargo-bay support: System performance analysis	1972
19760075580	Europa 3 heat shields. Preparatory phase	1972
19760075587	Preliminary calculation of sequencer reliability	1972
19760075588	Economic study of a European space tug development	1972
19760075593	Operational fourth stage/Symphonie satellite interface	1972
19760075600	Europa 3: Vehicle deviation at the launching time	1972
19760075612	Activity on behalf of the Symphonie program	1972
19760075616	H-20 engine design review combustion system	1972
19760075620	Reference model for general loads calculations	1972
19760075625	Post flight assessment of the structural loading and temperature on the Europa 2 F11 vehicle	1972
19760075629	Europa 3. Presentation of overall vehicle studies: Trajectory calculations	1972
19760075633	Load case LF1/LR3: Influence of critical ground wind velocities	1972
19760075634	Space tug propellant system, part 1, phase A	1972
19760075635	Space tug, phase A, part 1: Hydraulic and pneumatic equipment of additional tanks: Weight break-down first evaluation	1972
19760075637	Europa 3 heat shields: Preliminary analysis of the ablative coating requirements	1972
19760075640	Europa 3. Influence of the launching pad, second stage thrust and wind	1972
19760075644	Preliminary requirements for the structural model (SM) of the Europa 3 VEB	1972
19760075657	Thermal tests on sections of Coralie skirt	1972
19760075659	ECTOPOS 1 upper stage (H2-O2) for Europa 3. Volume 1: Performances	1972
19760075671	Europa 3 heavy transfer stage using the main engine of the Astris stage	1972
19760075678	Space tug study, phase A, part 1: Surface tension and auxiliary thrusters devices for engine restart in zero G	1972
19760075684	Coupled Europa 2: GEOS spacecraft load analysis during second stage flight	1972
19760075698	Theoretical study of the Europa 3 structure dynamic behavior: Spring mass model	1972
19760075700	Interstage electrical equipment (brief description)	1972
19760075701	Europa 3 interstage/stage separation (reaction on the development of the interstage if skin buckling is not allowed)	1972
19760075713	F11 post flight performance assessment (ZST to 105.8 seconds)	1972
19760075724	Europa 3 general system specification, parts 1 and 2	1972
19760075725	Europa 3, general specification: Electromagnetic compatibility (EMC), preliminary draft	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075729	Upper stage umbilical system description (valid from F12 onwards)	1972
19760075731	Apogee stage stabilized on three axes and using the PO,68 solid propellant rocket engine. Analysis of preliminary studies: Definition of a reference solution	1972
19760075744	Europa 3. Development plan: Proposals	1972
19760075752	Europa 3: General performances	1972
19760075753	Europa 3: Necessary means for simulation tests of the dynamic environment at subassembly level	1972
19760075770	Project of rig for acceptance of the Europa 3 first stage	1972
19760075778	Europa 3D: Definition of a two-stage high energy launcher vehicle	1972
19760075780	Space tug, cargobay support system: Preliminary failure mode analysis	1972
19760075800	F11 launch fourth stage: Results of flight measurements of longitudinal acceleration and angular velocity	1972
19760075806	Europa 3 comparative study of first stage transportation and construction systems	1972
19760075808	Onboard/ground electrical connection ejection time	1972
19760075813	Europa 3 intermediate transfer stage: Analysis of preliminary studies	1972
19760075814	Study of fourth stage/payload separation. Unlocking and yo-yo sequence: Data and calculation case	1972
19760075815	Europa 2 operational perigee stage. Qualification of upper separation system: Justification of tests under weightlessness foreseen by ONERA	1972
19760075816	Europa 2 operational fourth stage. F13 launch with Symphonie prototype: Technical proposal for the addition of supplementary measurements	1972
19760075830	Europa 2: Initiation of spinning of fourth stage plus satellite	1972
19760075846	Covariance matrix of errors in the reconstruction of injection vector for F11	1972
19760075855	Inertial guidance for ELDO system testing at NLR: Part 7: Description of the accelerometer torquing and signal conditioning unit	1972
19760075877	Search for an optimum law during first stage flight	1972
19760075879	Analysis of failures leading to complete or incomplete loss of second stage telemetry signal	1972
19760075880	Recapitulation of indispensable data for the guidance study of the overall vehicle	1972
19760075889	Studies of tank cylindrical wall sections fitted with their thermal protection	1972
19760075899	Data specification for TD/C12 LOCAF flight loads programs	1972
19760075900	The derivation of the mathematical models of the first stage propellant tanks	1972
19760075902	Subsystem structure	1972
19760075906	Europa 2 launcher: Fourth stage operational bay calculation of structural strength	1972
19760075915	Microwave radar optical sensor system versus laser radar system for rendezvous and docking space application	1972
19760075936	Europa 3 second stage structure. LOX tank pressurization: Trade-off on helium inlet temperature	1972
19760075940	Europa 3: Propulsion system first stage engine series production	1972
19760075943	Summary of test results on Viking 1 in engine configuration. Volume 1: Text, annexes 1 to 51	1972
19760075944	Summary of test results on Viking 1 in engine configuration. Volume 2: Annexes 52 to 88	1972
19760075945	Europa 3 safety system synthesis of 1971 studies	1972
19760075948	Selection of electrical ignition systems for the H-20 engine (H2/O2)	1972
19760075954	Propellant management system analysis	1972
19760075956	Propellant management system, analysis: Summary of results	1972
19760075961	Manufacturing of a LH2-experimental pump	1972
19760075962	Preliminary tests of the LH2 experimental pump	1972
19760075965	Europa 3: Second stage structure diffuser and antivortex tests	1972
19760075967	Europa 3, pdp part 2, technical report. Volume 1: Introduction and index	1972
19760075968	Europa 3, pdp part 2, technical report. Volume 2: Conclusions of conception and technological studies	1972
19760075969	Europa 3, pdp part 2, technical report. Volume 3 Detail specifications	1972
19760075970	Europa 3, pdp part 2, Technical report. Volume 4: Conception and technological studies	1972
19760075971	Europa 3, pdp part 2, technical report. Volume 5: List of interfaces	1972
19760075972	Europa 3, pdp part 2, technical report. Volume 6: Detail specifications	1972
19760075985	LH2-valves	1972
19760075988	Europa 3. Mechanical system engineering: Purging of second stage propulsion system and propellant tanks	1972
19760075990	Electrochemical machining of two injection systems for Viking engine type 8.000	1972
19760075991	Comparative study of Valois and Viking injectors with and without radiusing the entry of the injection orifices	1972
19760075994	Technical specifications space tug main engine study	1972
19760075995	Design review: Propellant system	1972
19760076002	Test report on manufacturing tests for thrust chamber. Part 1: Combustion chamber model	1972
19760076007	Level measurement system equipping the ELDO second stage version Coralie G	1972
19760076014	Deformation of the motor due to the effect of internal pressure	1972
19760076021	Feasibility study for space vehicle thermonuclear propulsion: Storage system and fuel tank pressurization	1972
19760076026	Simulation test results for the heat transfer determination in the H2O dump cooled nozzle section	1972
19760076027	Failure mode effects and criticality analysis report on third stage propulsion systems	1972
19760076031	Tank volume as a function of tank height and propellant height against burning time for LH2 and LOX	1972
19760076036	Main tanks: Qualification tests definition	1972
19760076038	Aging of the charged solid propellant rocket motor	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076042	Europa 3 second stage structure: Technical specifications for A-Z5G alloy	1972
19760076047	Europa 3 second stage: Technical specifications for Klegecell H917	1972
19760076048	Europa 3 second stage structure. Predevelopment studies: Investigations on insulation reliability	1972
19760076060	Propellant quantity measurement components analysis specification and design	1972
19760076063	Pyrotechnic systems. General rules for specifications (draft)	1972
19760076066	Thermal stratification in the liquid oxygen tanks	1972
19760076091	Summary note on the radio compatibility study	1972
19760076092	Radio compatibility. Europa 2-F11: Intermodulation	1972
19760076099	RFI study on telemetry radio links of F11 ELDO vehicle configuration	1972
19760076101	SHF study: Evaluation of power density at SH frequency band in the satellite region for the ELDO launcher Europa 2	1972
19760076106	Principles of organization of first stage electrical systems	1972
19760076123	Europa 3 second stage structure. Thermal analysis temperature map in the LH2 tank: PDS Continuation second and third quarters 1972	1972
19760076124	Europa 1 second stage rear skirt: Theoretical plotting of measured flight temperatures	1972
19760076128	Europa 3 second stage structure. PDS continuation second and third quarters 1972: Thermal analysis metal temperature at the insulated end part of the optimized 150mm LOX forward skirt	1972
19760076129	Calculation of sloshing modes of liquids in the propellant tanks	1972
19760076134	Calculation of the aerodynamic heating of the Europa 3 launcher	1972
19760076143	Europa 2. Second stage Coralie flight plan F12: Kinetic heating of the second stage rear skirt	1972
19760076144	Europa 3 first stage structure: Inter-tank skirt temperature calculation and thermal stresses	1972
19760076145	Europa 3 second stage structure. PDS continuation second and third quarters 1972: Thermal analysis metal temperature at the insulated end part of the optimized 300mm LH2 AFT skirt	1972
19760076146	Coralie second stage. Flight plan F12 issue 2 of first August 1972: Kinetic heating of second stage rear skirt	1972
19760076147	Comparison between calculated and measured temperatures on a section of the Coralie rear skirt sandwich casing	1972
19760076148	Europa 2 launcher. Thermal study of fourth stage case: Satellite thermal interface, Symphonie and COS B case	1972
19760076149	Proposal for design criteria applicable to the Europa 3 structure, when subjected to combined loads, pressures and temperatures	1972
19760076160	Predevelopment of partly reinforced high-pressure tanks	1972
19760076161	Europa 3 actuators. Feasibility tests SABCA servo-valves (prototype) 02A-02B and 02B-1	1972
19760076162	Complementary tests on servovalve 02B-HR	1972
19760076163	Europa 3 actuators. Comparative and feasibility tests on servo-valves Moog and 02BHR (SABCA prototype)	1972
19760076164	Europa 3 actuators: Definition of the electronic equipment associated with the actuators	1972
19760076168	Europa 3 actuators: Electronic circuits error analysis	1972
19760076169	Europa 3, part 3	1972
19760076170	Europa 3 actuators: Second stage actuators design (first step)	1972
19760076171	Europa 3 actuators: Analogue computation of second stage	1972
19760076173	Europa 3 second stage structure: Insulation manufacturing plan	1972
19760076175	Europa 3 safety system: Failure modes analysis	1972
19760076181	General data on structural vibration theory	1972
19760076182	Vibrations caused by the action of the engine	1972
19760076184	Load case LF2/LR3 calculated with the maximum payload of 5560 kg	1972
19760076189	Stress analysis of the middle part of the third stage Europa 2/F12 (V27)	1972
19760076193	Stress computation of the ERNO LH2 AFT frame 3800 mm diameter. Configuration number 53 according to drawing 310.1.B.210.1.00.01	1972
19760076198	VEB structure design requirements for PDP	1972
19760076201	Europa 3 transverse modes. Influence of the density of the first stage liquids and of liquid oxygen tank on vehicle transverse modes	1972
19760076211	ELDO Coralie G. Telemetry containers 1ZY and 2ZY: Report on vibration tests	1972
19760076214	Description and justification of the main tank structure in the Europa 3 first stage	1972
19760076215	Dynamic environmental requirements for subsystems and components of Europa 3, second stage	1972
19760076216	Summary of forcing functions for the calculation of dynamic loads imposed on Europa 2 vehicles	1972
19760076217	Europa 3. Third load calculation LR3 for the overall launch vehicle: Results	1972
19760076222	Stress analysis for the lower part of the third stage Europa 2/F12 (V27)	1972
19760076223	Stress analysis for the upper part of the third stage Europa 2/F12 (V27)	1972
19760076232	ELDO Marval 18 propellant tank. Structural prequalification test (19.6 bars): test report on measurements by strain gauges	1972
19760076234	Localization and measurements nature regarding the first stage pogo effect	1972
19760076235	Europa 2 launcher fourth stage operational bay: Calculation of weight, center of gravity and inertias	1972
19760076239	Recapitulation of indispensable data for the sloshing modes calculation of the overall vehicle	1972
19760076241	Transverse modes during first stage combustion (light satellite version)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076242	Europa 3 first stage (150 tons of propellant) mass and center of gravity positioning	1972
19760076244	Radial deformation caused by the retrorocket action at the plane of first stage front skirt and the interstage skirt	1972
19760076252	Wind profiles for use in the design of vehicles to be launched from the ELDO equatorial launch site: The state of the art	1972
19760076263	Europa 3 checkout data acquisition subsystem	1972
19760076264	Europa 3: Software qualification subsystem	1972
19760076269	EMI sensitivity of the inertial guidance system: Investigation of the mechanism of the computer perturbations, part 1	1972
19760076270	EMI sensitivity of the inertial guidance system: Investigation of the mechanism of the computer perturbations, parts 2, 3, and 4	1972
19760076274	Input/output specification for the ELDO LOCAF suite of programs	1972
19760076280	Final activity report September 1971 to May 1972	1972
19760076290	The sigma 4 wind tunnel (SNIAS - Europa 3)	1972
19760076291	The sigma 4 wind tunnel (SNIAS - Europa 3)	1972
19760076330	Preliminary study of a Europa 3 launching site. Volume 1: Technical description and management program	1972
19760076331	Preliminary study of a Europa 3 launching site. Volume 2: Drawings and diagrams	1972
19760076332	Method of determination of constraints due to radio silence	1972
19760076333	Transport and storage of stage components	1972
19760076336	Test facilities in Lampoldshausen: Concept phase	1972
19760076341	Europa 2 operational fourth stage: Equipment for measurement of geometric characteristics and weight	1972
19760076342	Integrated check-out system (ICS), part 1 and part 2 (sections 1 to 3)	1972
19760076343	Integrated check-out system (ICS), part 2 section 4	1972
19760076344	Integrated check-out system (ICS), part 2 (sections 5 to 7), and parts 3 and 4	1972
19760076362	Europa 3 interstage and stage separation preliminary phase: Separation sequence and behavior of the separated stages	1972
19760076365	Electrical power budget (second issue)	1972
19760076374	Europa 3 first stage integration. Project definition phase. Volume 2: Studies	1972
19760076379	Phase A study space tug. Comprehensive tug concepts size and systems analysis vs. mission requirement model coverage and program cost. Volume 2: Summary part 1	1972
19760076380	Phase A study space tug. Volume 3: System design RTS-25	1972
19760076383	Europa 2 operational fourth stage: Evaluation of qualification level of the lower separation ring explosive charges	1972
19760076384	Proposal for a first stage for Europa 3 based on Blue Streak with L17 Diamant thrust augmentation	1972
19760076385	Test philosophy for the thrust frame of the Europa 3 launch vehicle first stage	1972
19760076387	Europa 2 vehicle first stage electrical systems. Descriptive manual: Engine, propellant and pressurization systems	1972
19760076389	Europa 2 operational fourth stage. Study of the spin up of the composite fourth stage and payload: Data and computation cases	1972
19760076397	The influence of the design on the definition of the launch site, on the flight test organization and operational launches	1972
19760076405	Preliminary system design criteria for free-flying teleoperator systems (FFTO) satellite retrieval mission	1972
19760076448	Europa 2 third stage autopilot stability	1972
19760076452	Europa 2 F12 trajectory plan (issue 2)	1972
19760076465	Europa 3 actuators. Part 1: Summary	1972
19760076466	The vehicle equipment bay structure integration	1972
19760076467	Analysis of defect types and corrective actions: Safety system (standard F11)	1972
19760076468	Europa 3 first stage structure. Project definition phase. Volume 1: Summary of studies and results	1972
19760076478	Experimental research on a method to balance the Symphonie satellite: Test report	1972
19760076483	Investigation on the possibility of an electrostatic origin for the F11 accident	1972
19760076493	Europa 2 vehicle first stage electrical systems. Descriptive manual: In flight safety and separation system	1972
19760076497	Report on tests no. 365 and 366/PF2 (6th and 7th tests of Viking engine in flight configuration, 12th and 13th hot run). Volume 1: Text and annex 1	1972
19760076498	Report on tests Nos. 365 and 366/PF2 (6th and 7th tests of Viking engine in flight configuration, 12th and 13th hot run). Volume 2: Annexes 2 to 13	1972
19760076499	Report on tests on. 365 and 366/PF2 (6th and 7th tests of Viking engine in flight configuration, 12th and 13th hot run). Volume 3. Annexes 14 to 21	1972
19760076506	Europa 3 first stage structure. Main tank: Acceptance tests definition	1972
19760076513	Analysis of tug studies made by HSD and MBB: Electrical power system (power subsystem)	1972
19760076515	Europa 3 second stage propulsion system, volume 3	1972
19760076520	Europa 2 vehicle first stage electrical systems. Descriptive manual: Vehicle power systems	1972
19760076522	Examination of pressure laws: Calculation of flow coefficient	1972
19760076532	PDP thermal balance: Cork/endothrm comparison	1972
19760076542	Use of PCM telemetry for the control of Europa 3 launcher	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076545	Analysis of electrical system (including OBC system soft and hardware)	1972
19760076560	Europa 3 actuators. Part 2: Technical Report	1972
19760076561	ELDO launcher operational fourth stage: Check of the resistance of the umbilical plug reinforcement and the mounting of the TM antenna	1972
19760076562	Hydraulic jacks type 90 130-120 and 90 130-130 for Coralie G	1972
19760076569	Research program on 1.5 m diameter waffle sheet cylinder	1972
19760076579	Stress calculation in the vicinity of the base of the Coralie G maraging steel tank	1972
19760076582	Study of the pogo effect on the Europa 3 space launcher	1972
19760076618	Tasks of the telemetry computers within the Europa 3 checkout system	1972
19760076725	Containerization evaluation study	1972
19760076868	Vehicle, aircraft classification manual (U)	1972
19760076938	F-4E/APQ-120 10-DB feedhorn systems evaluation (U)	1972
19760077387	Plan for the Ch-47 flight tests at Yuma, Arizona	1972
19760077746	Advanced attack helicopter task force, volume 5 A, appendix E (U)	1972
19760077983	The UNILAC project	1972
19760078051	Aircraft quality assurance and flight testing Cost Estimating Relation (CER)	1972
19760078076	Characterization tests on N.E. OFF1 type fuses	1972
19760078103	Development of beryllium honeycomb sandwich composite for structural and other related applications	1972
19760078111	Cost estimating relationship for recurring helicopter airframe production	1972
19760078172	Cost estimating relationship for recurring attack helicopter airframe (production)	1972
19760078174	Interface standards and compatibility matrix for shipboard communications equipment, volumes 1	1972
19760078187	Cost estimating relationships for short tons per flying hour: Transportation for overhaul of turbine powered Army helicopters	1972
19760078239	Transformers, audio-frequency, hermetically sealed, 400 cycles only. Qualification test report LS41087	1972
19760078373	Operational test and evaluation of MAVERICK. Evaluation of expected performance of F-4/MAVERICK against armored vehicles in a European environment (U)	1972
19760078816	Chemical propulsion structural integrity survey 1972	1972
19760078954	Cold spot signal processing (U)	1972
19760079332	Limited performance and structural tests on an RC-135D aircraft with the ACA-39 radome modification	1972
19760079490	HH-1H category 1/2 helicopter evaluation	1972
19760079493	Air force preliminary evaluation of the F-5E prototype avionics system	1972
19760079526	Category 2 systems evaluation of the FB-111A secondary flight controls and autopilot	1972
19760079627	TERCOM false fix study. Volume 4: Appendix B	1972
19760079677	Evaluation of transage 129 titanium forgings made from semi-production ingots	1972
19760079759	A failure analysis program for external cargo-handling systems (helicopter)	1972
19760079936	Advanced Attack Helicopter Task Force Report. Volume 5: Appendix D (U)	1972
19760079940	TERCOM false fix study. Volume 1: Approach and summary (U)	1972
19760079941	TERCOM false fix study. Volume 2: Detailed results (U)	1972
19760079942	TERCOM false fix study. Volume 3: Appendix A (U)	1972
19760079948	Summary of GE4/SST acoustic suppression research, volume 1	1972
19760079949	Summary of GE4/SST acoustic suppression research, Volume 2	1972
19760079983	Supersonic Transport Noise Reduction Technology Summary	1972
19760079987	Some preliminary measurements of the quality of flows generated by an ECT	1972
19760079991	Optimisation of the design of a transonic wind-tunnel for tests at high Reynolds number	1972
19760080007	Nonmetallic materials design guidelines and test data handbook, Revision D	1972
19760080021	F-111D category 2 climatic laboratory tests (arctic phase), appendix 3, volume 1	1972
19760080022	F-111D category 2 climatic laboratory tests (arctic phase), appendix 3, volume 2	1972
19760080032	Production assessment tests of diode (2827847). Semiconductor diode, voltage reference silicon, diffused, glass	1972
19760080041	Evaluation of the sewing characteristics of gold durette fabric and sewing thread	1972
19760080105	Advanced attack helicopter task force report. Volume 3, appendix B: Test program	1972
19760080106	Advanced attack helicopter task force report. Volume 7, appendix H: Cost analysis	1972
19760080107	Advanced attack helicopter task force report. Volume 9: Annexes 5-7 to appendix H	1972
19760080315	Program description of the bulk filter package for the re-entry designation and discrimination REDD system	1972
19760080481	Surveillance set, infrared AN/VAS-1(-)(-)(V) (U)	1972
19760080608	New approaches in energy research and development	1972
19760080656	Development of vacuum castable AFNOL compositions (U)	1972
19760080674	B-1 impact of weight increase on structural requirements (U)	1972
19760080678	Characterization of high energy systems, decomposition of TVOPA (U)	1972
19760080765	EMC and degradation measurements on the AN/URD-4C direction finder set	1972
19760080798	Bases, package, ceramic, hybrid microcircuit	1972
19760080799	Integrated circuits, monostable multivibrator, dual: Digital	1972
19760080825	Integrated circuits, monostable, multivibrator, digital (9601). Microelectronic circuits, multivibrator monolithic circuits, dual-in-line package	1972
19760080827	Avionics and armament trails of the SH-3H helicopter	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080874	Filter radio frequency interference (930420)	1972
19760081151	Evaluation of the F126/F135 aircraft camera second line test set	1972
19760081275	F-105B Pitot-static systems calibration, central air data computer and AIMS systems tests	1972
19760081301	An automated data processing system for the analysis of Navy calibration data reported under the NPR Pomona (MEC) Navy calibration system	1972
19760081344	AWACS parts derating and application stress analysis procedure; electrical and electronic parts	1972
19760081362	Fatigue and stress corrosion characteristics of 7075-T76 aluminum alloy extrusion	1972
19760081432	Evaluation of an aerial recovery parachute system for Black Brant MK-VB sounding rocket payload	1972
19760081722	On the accuracy of the similarity solution technique for multiple burst interactions	1972
19760081737	Resonances suitable for the calibration of a time of flight neutron spectrometer	1972
19760081795	Monte Carlo calculations of high-energy nucleon-meson cascades and comparison with experiment	1972
19760081810	The effect of shot-residual stresses on the fracture properties of D6AC steel	1972
19760082478	Partial spectrum signature and selected EMC measurements on radio transmitting set AN/WRT-2	1972
19760082479	Partial spectrum signature and selected EMC measurements on radio transmitting AN/URT-23	1972
19760082533	Reliability assessment procedure	1972
19760082534	Maintainability allocation procedure	1972
19760082535	AWACS electrical and electronic parts control program	1972
19760083018	Industrial hygiene service laboratory quality control manual	1972
19760083343	A-4M section air-to-air tactics (U)	1972
19760083443	Space shuttle strapdown inertial measuring unit program analysis. Volume 3: Cost	1972
19760083444	Space shuttle gimbaled inertial measurement unit program analysis study. Volume 1, Book 1: Technical summary	1972
19760083445	Space shuttle gimbaled inertial measurement unit program analysis study. Volume 1, Book 2: Technical summary appendixes	1972
19760083446	Space shuttle gimbaled inertial measurement unit program analysis study. Volume 2: Cost summary	1972
19760083609	Engineering requirement specification high-energy initiators, rocket motor igniter	1972
19760083617	Boost igniter burst test	1972
19760083960	A-7E all-weather tactics (U)	1972
19760083961	A-7E all-weather tactics, volume 2 (U)	1972
19760083962	A-7C/E degraded weapon system accuracy (U)	1972
19760083963	A-7E computer delivery of retarded bombs and Mk 77 fire bombs (U)	1972
19760083975	A-6B standard ARM Mod 0/1 weapon system (U)	1972
19760084237	D6AC steel tensile data consistency	1972
19760084483	Automation of model for predicting the clearing of vegetation by explosives for helicopter landing zones HLZ model	1972
19760084486	Maintainability prediction procedure: AWACS	1972
19760084495	Government-industry data exchange program, system for	1972
19760084576	Analysis of variations in the mean radar sea clutter near Mission Beach, San Diego (U)	1972
19760084703	A review of urban air pollution dispersion modeling	1972
19760084863	RF emission in the buncher ring	1972
19760084864	Beam research program: Recent results and status	1972
19760085286	The radar cross section of the surface effect ships. The nature of the problem	1972
19760085325	Corrective action for small igniter propellant cracks occurring during liner degas	1972
19760085368	Description of program BEAMSIM	1972
19760085523	Cryogenic cooling in environmental control systems, task 1A	1972
19760085621	Study of laser radar. Volume 3: appendices D and E	1972
19760085757	System concept for an air-acoustic signature vehicle/aircraft classifier (U)	1972
19760085858	Coherent Optical Adaptive Techniques (COAT) (U)	1972
19760086124	Special study of development of acceleration-displacement recorder for vehicle testing	1972
19760086371	The packaging of a fluidic safing and arming system (U)	1972
19760086374	Fluidic safing and arming system for missiles (U)	1972
19760086382	Aircraft performance (U)	1972
19760086396	Back data for study of the application of advanced technologies to long-range transport aircraft. Book 5: Control of flight (U)	1972
19760086397	Backup data for study of the application of advanced technologies to long-range transport aircraft. Book 7: Active control systems, appendix (U)	1972
19760086557	Qualification test program on Eagle-Picher battery MAP-4301-5 (ME461-0015-001)	1972
19760087247	Advanced V/STOL propeller technology. Volume 1: Static thrust development testing	1972
19770068896	The analysis of multirate sampled data systems	1972
19770068910	Optimization of operational processing and management systems for the space shuttle. Volume 1: Shuttle system and recommendations	1972
19770069605	The inverse optimal linear regulator problem	1972
19770069606	A pole placement design program	1972
19770069607	Analysis and design of sampled data systems	1972
19770069620	A mixture for chemical restraint in the dog	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770069635	Alaska potable water system rehabilitation	1972
19770070011	Melting temperatures in the earth's mantle	1972
19770070028	NERVA irradiation program. GTR 23, volume 2: Effects of reactor radiation on electrical components irradiated at cryogenic and room temperatures	1972
19770070816	UNADS/SD4060 system documentation	1972
19770071189	High voltage design criteria	1972
19770071903	Microbial load monitor	1972
19770072021	NASCOM: The operational communications system of the National Aeronautics and Space Administration	1972
19770072827	MIT's role in Project Apollo. Volume 3: Computer subsystem	1972
19770074745	Correlated malfunctions in redundant systems	1972
19770075779	External insulation systems for cryogenic storage systems	1972
19770075895	Film handling procedures for Skylab S190A, experiments	1972
19770076744	Atmospheric correction and simulation of space-acquired remote sensor data: 0.4 to 1.0- micron spectral range	1972
19770077058	The AE-4 model of the outer radiation zone electron environment	1972
19770077806	Evaluation of nonmetallic thermal protection materials for the manned space shuttle. Volume 5 (phase 2, task 3 and phase 3, task 1): Results of evaluation to provide extensive screening data and constituent chemical and mechanical properties of surface insulator candidate materials	1972
19770077807	Evaluation of nonmetallic thermal protection materials for the manned space shuttle. Volume 6 (phase 2, task 2): Results of evaluation to provide extensive screening data on inhibited carbon/carbon composite material	1972
19770077808	Evaluation of nonmetallic thermal protection materials for the manned space shuttle. Volume 7 (phase 3, task 2): Screening and preliminary evaluation of flexible internal insulation materials for the space shuttle	1972
19770080476	Skylab Experiments Systems Handbook, Revision A	1972
19770080481	Skylab program operational data book. Volume 1: Experiments performance data. Part 1: DOD, medical, engineering, and technological. Revision A	1972
19770080482	Skylab program operational data book. Volume 1: Experiments performance data. Part 2: Scientific, Revision A	1972
19770080483	Skylab program operational data book. Volume 4: Skylab-1 performance data. Revision A.	1972
19770080485	Skylab: Operational command listing	1972
19770081516	Application of high resolution gas chromatography: Mass spectrometry for the early detection of disease	1972
19770082053	Development and design applications of a closed pore external insulation thermal protection system	1972
19770082221	Literature summary on countermeasures	1972
19770083353	Temperature Dependence of He 3(exp 1)P Excitation Transfer Cross Section	1972
19770083402	Basic research review for the NASA OAST Research Council	1972
19770083421	Advanced transport technology program. Study of the application of advanced technologies to subsonic long-range CTOL transport aircraft. Executive summary	1972
19770083447	Space shuttle dynamics and aeroelasticity technology Working Group Meeting	1972
19770083693	Earth Resources Technology Satellite data collection platform field installation, operation and maintenance manual (including field test set)	1972
19770084254	Summary of T-2C supercritical wing program	1972
19770084803	F-scale classification of 1971 tornadoes	1972
19770085414	Apollo high gain antenna EMI test	1972
19770085479	Development of a single-stage cryogenic turborefrigerator, phase 2	1972
19770085557	Radiographic inspection requirements for motors 53A11 S/N 01 and S/N 02	1972
19770085745	Investigation of scratched resistors in thin film hybrid circuits	1972
19770085900	The significance of inclusions/precipitates in beryllium	1972
19770086012	Reliability and maintainability growth and comparative evaluation procedure	1972
19770086042	AWACS reliability prediction procedure	1972
19770086301	Results of an investigation to develop a high-density fracturing material	1972
19770086870	Man in the magnetic web (The magnetic field and life)	1972
19770087095	Environmental issues (U)	1972
19770087097	The effect of extended channel on the eddy current decay rate, hose instability and ohmic heating rate of a relativistic electron beam (U)	1972
19770087098	Electron beam research at LLL (U)	1972
19770087221	Study of biogrowth processing in space	1972
19770087334	Qualification test procedure electromagnetic interference (ST5M1256-001)	1972
19770087390	Titan IIID-2 exhaust cloud monitoring	1972
19770087398	Drugs and sleep: Effects of drugs on sleep stages, mood and performance and effectiveness of drugs in inducing and maintaining sleep	1972
19770087625	Qualification test procedure proximity switch (ST5M1256)	1972
19770087726	Qualification test procedure proximity switch (ST5M1321)	1972
19770088120	Techniques for data count control in SAGE, second edition	1972
19770088235	Preliminary evaluation of the F-14 A/G and degraded navigational performance (U)	1972
19770089101	Acceptance test procedure for integrated circuit amplifier	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089375	Weldbond flight component design/manufacturing program	1972
19770089478	Turbine engine diagnostic development	1972
19770089573	Formation and dispersion of exhaust clouds from the launch of large rockets	1972
19770089835	Initial study on the utility of ground-based laser designators in a combat environment (U)	1972
19770089884	Adaption of the biosatellite urine transport and measurement assembly	1972
19770089999	Weldbond flight component design manufacturing program	1972
19770090016	Results of production testing (sampling plan B) of Kollsman Instrument corporation altimeters type AAU-24/A	1972
19770090295	Summary of component radiation tests performed during fiscal year 1972, volume 1	1972
19770090608	Analytical prediction of cross-talk in multi-wire digital data transmission	1972
19770091173	Demonstration data report for the F-14 aircraft (U)	1972
19770091176	Demonstration data report for the F-14 aircraft (U)	1972
19770091445	Metallurgical investigation of the failure of an inertia lock reel ballscrew assembly, P/N 1293-55	1972
19770091571	Study of vehicle cooling techniques	1972
19770092359	Initial positional performance test results on the straza/marqua rdt Doppler sonar navigator, model 2015a	1972
19770092397	Development of an avionic maintainability prediction technique	1972
19770092398	Avionics data collection and cost prediction	1972
19770092447	Integrated medical and behavioral laboratory measurement system functional breadboards applications	1972
19770092543	LAW production effort. Volume 1: Executive summary	1972
19770092544	LAW production effort. Volume 2: M72A1 rocket	1972
19770092545	LAW production effort. Volume 2A: M72A1 rocket	1972
19770092546	LAW production effort. Volume 3: Product assurance evaluation	1972
19770092547	LAW production effort. Volume 4: Warhead: M18 LAW liner	1972
19770092548	Law production effort. Volume 5: Adhesive sealant investigation	1972
19770092826	Subject-author index for NASA Manned Spacecraft Center medical applications information file	1972
19770093786	Space shuttle phase B system study extension. Part 1: Executive summary	1972
19770094269	ECP GR-E-2C-014. Vehicle flight test plan E-2C with Allison T56-A-422 engines	1972
19770094785	The evaluation of several experimental grades of poco graphite	1972
19770094911	Quarterly EBS state-of-the-art report (U)	1972
19770094912	Quarterly EBS state-of-the-art report (U)	1972
19770095091	Evaluation of bottom reflectivity coefficients through the utilization of envelope correlations of LFM pulses	1972
19770095223	Galvanic couple tests of titanium 6Al-2Cb-1Ta/0.8Mo in sea water	1972
19770095476	Auxiliary array interference cancellation at beamformer	1972
19770095502	Demonstration planning and progress report for RH-53D helicopter	1972
19780070014	Joint DOD/NASA aeronautical research and development study: Highly maneuvering fighter aircraft technology	1972
19780070016	Joint DOD/NASA aeronautical research and development study: Highly maneuvering fighter aircraft technology, appendix 1	1972
19780070823	Tracking and data system support for the pioneer project, volume 10. Extended missions: Pioneers 6-9	1972
19780072390	Life Sciences Publications, Volume 2	1972
19780073058	Research in the space sciences. Collected publications for the first quarter of 1972, volume 1	1972
19780073059	Comments on brief report by T. E. Graedel and L. J. Lanzerotti interplanetary-particle associations with type 3 solar bursts	1972
19780073060	Silica activity and P (total) in igneous rocks	1972
19780073061	Continuous discharge line source for the extreme ultraviolet	1972
19780073062	Organic analyses of selected areas of Surveyor 3 recovered on the Apollo 12 Mission	1972
19780073063	Spatial spark jitter measurements of highly charged nuclei for optical spark chambers	1972
19780073867	Application of neutron radiography technology for S-2 quality assurance. Volume 3: Neutron radiography applied to mechanical and electro-mechanical devices	1972
19780074236	Experimental investigation of parametric models in support of a NASA advanced transport technology program. Volume 2: Baseline study, basic data and test description	1972
19780074237	Experimental investigation of parametric models in support of a NASA advanced transport technology program. Volume 4: Nacelle study, basic data and test description	1972
19780074238	Experimental investigation of parametric models in support of a NASA advanced transport technology program. Volume 5: Empennage study, basic data and test description	1972
19780074240	Experimental investigation of parametric models in support of a NASA advanced transport technology program. Volume 1: Data summary	1972
19780074979	The oblique impingement of an axisymmetric jet	1972
19780075320	Supersonic Aerodynamic Characteristics of an Air-to-Air Missile Configuration with Cruciform Wings and In-Line Tail Controls	1972
19780076291	Experimental studies and applications of copper and vanadium oxides	1972
19780076367	Research on microelectronic components and metallic oxides	1972
19780076793	NASA project management shared experience program case study: Tiros-Nimbus	1972
19780076838	Description, classification, and inventory of 151 Apollo 16 rake samples from the LM area and station 5	1972
19780076841	Apollo 16 rake samples 67515 to 68537 sample classification, description and inventory	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780076842	Apollo 16 coarse fines (4-10 mm): Sample classification, description and inventory	1972
19780077430	Evaluation of NDT methods to detect and evaluate corrosion	1972
19780079259	SMS sounder specifications for a vertical temperature and moisture sounder for the synchronous meteorological satellites	1972
19780079332	Calculated properties for CIF	1972
19780079371	Flaw growth of various NERVA engine materials	1972
19780079389	Dipole moment and hyperfine constants of OD A2 Sigma(+) from ab initio calculations	1972
19780079468	Analytic modeling of an aerobraking pass	1972
19780080332	AV-8A aerodynamic characteristics	1972
19780080501	Amplifier	1972
19780082457	AV-8A basic aerodynamic data (U)	1972
19780082506	Reevaluation of loft bombing accuracy of the A-4M aircraft with the AN/AJB-3A labs system (U)	1972
19780082509	AV-8A aircraft performance (U)	1972
19780083031	Transducer pressure, absolute	1972
19780083195	Project ACCESS	1972
19780083206	Bibliography on iteration (mathematics)	1972
19780083546	Qualification to drawing 3203084 on semiconductors, special types of optically coupled isolators, gallium arsenide, planar diffused	1972
19780083867	Research program to optimize the ST9 demonstrator engine IR suppressor (U)	1972
19780084270	Short-term omni-directional ambient noise measurements in the Labrador Sea (U)	1972
19780086200	Wind tunnel tests of the B-1 0.06 scale high lift force model in the 12-foot pressure tunnel to investigate Reynolds number effects Ames test 12-615 model test 5	1972
19780086205	External compression inlet study: Preliminary design review	1972
19780086206	Low speed wind tunnel tests of the B-1 air vehicle 0.036 scale force model 3-A to determine pressure distributions over the wing hood and inside the wing hood cavity, NAAL 670	1972
19780086472	Crack propagation analysis, by G. Vroman's model. A computer analysis summary: Program (EFFGRO)	1972
19780086792	Analysis of aerodynamic characteristics of the B-1 0.036 scale force model II tested in the North American Rockwell low speed wind tunnel (NAAL 666)	1972
19780086996	Analysis of the longitudinal aerodynamic characteristics of the 0.06 scale B-1 high lift force model tested in the Ames Twelve foot pressure tunnel ARC-12-669	1972
19780087001	Wind tunnel tests of the 0.040 scale B-1 escape system separation model in PWT-4T at Arnold Engineering Development Center, phase 2	1972
19780087103	Analysis of the longitudinal aerodynamic characteristics of the 0.06 scale B-1 high lift force model tested in the Ames twelve foot pressure tunnel: ARC-12-615	1972
19780087113	Aerodynamic design, test, and analysis of the Lockheed-Georgia ATT-95 aircraft	1972
19780087125	Tests of the 0.06 Scale B-1 Aero Force Model 4 in the North American Rockwell NAAL wind tunnel to determine the stability and control and drag characteristics at subsonic Mach numbers (NAAL 674)	1972
19780087126	B-1 impact of fracture mechanics on NDT	1972
19780087136	Test of the 0.036 scale B-1 fuselage nose shape model in the SAL 16-inch supersonic wind tunnel SAL-7301	1972
19780087883	Structural mode control vane configuration development	1972
19780088121	B-1 miscellaneous drag analysis	1972
19780088141	B-1 status propulsion system installation effects	1972
19780088228	A FORTRAN program for the analysis of supersonic combustion flow fields with embedded subsonic regions	1972
19780088511	Low speed B-1 longitudinal aerodynamics characteristics with full flaps	1972
19780088606	Study of requirements for B-1 engine foreign object damage protection	1972
19780088994	Atmospheric transmission of infrared radiation	1972
19790072421	APS abort boundary in LM descent in Apollo lunar landing missions	1972
19790072426	Long term trajectory generation with VARPAR	1972
19790072428	Visibility of the Skylab from the US	1972
19790072531	Effects of LRV parking attitude on thermal performance of the LCRU and LRV batteries	1972
19790072720	Use of shuttle in Sortie mode	1972
19790072721	Earth applications and the space shuttle	1972
19790072918	Skylab CMG gimbal angle behavior and attitude control performance	1972
19790072919	User's guide for SACSIM: Skylab attitude control simulation	1972
19790072921	Control of Skylab CMG momentum level by momentum dump laws	1972
19790073308	Thermodynamic flow of Super-critical oxygen in zero-gravity	1972
19790073343	Photographic coverage on Apollo 16	1972
19790073423	Skylab electrical power system performance for the earth resources mode	1972
19790073424	Remote sensing objectives for geology, hydrology and oceanography	1972
19790073435	A computer program to aid Skylab earth resources experiment planning	1972
19790073588	Maximum allowable emergency return distance for lunar geology traverses using the LRV without the BSLSS	1972
19790073713	Optimum post-filters and minimum mean square errors of line scanning systems	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790073743	Final quarterly progress report, January - March 1972	1972
19790073854	Visibility of Sugarloaf during traverses at Descartes	1972
19790073856	Two computer-generated views of the Descartes landing area from the LM during descent	1972
19790073859	Computer-generated views showing surface brightness variations of the Descartes landing area from the LM during descent	1972
19790073860	Additional computer-generated panoramas of the Descartes terrain and an index to all available scenes	1972
19790073861	Visibility of northern areas at Descartes from a proposed excursion during EVA 1	1972
19790073947	PORDER, a FORTRAN routine to pack and order data	1972
19790075120	Development of an integrated water vapor electrolysis oxygen generator and hydrogen depolarized carbon dioxide concentrator	1972
19790075221	Wind-tunnel studies of simulated damage to aerodynamic surfaces of airplanes	1972
19790075222	Analysis of Base Pressure and Base Heating on a 5 Deg Half-angle Cone in Free Flight Near Mach 20, Reentry F.	1972
19790075223	Additional study of a fixed-wing twin-vertical-tail fighter model including the effects of wing and vertical tail modifications	1972
19790075237	Effect of inlet air temperature on blowout limits and fuel turn-down ratios of swirl-type combustor modules burning ASTM A-1 fuel	1972
19790075278	Aerodynamic Characteristics of a Maneuverable Missile Model with Cruciform Delta Wings and Aft Tail Controls at Mach 6	1972
19790075398	A comparison of theoretical predictions and heat-transfer measurements for a flight experiment at Mach 20, reentry F	1972
19790075797	Aerodynamic characteristics of a fighter model with a conventional delta wing and a cranked-tip delta wing at Mach numbers of 1.60 to 4.60	1972
19790075798	Effect of wing and horizontal-tail position on the aerodynamic characteristics of a wing-body-tail configuration for Mach numbers from 1.70 to 4.63	1972
19790075806	Study of the application of advanced technologies to long-range transport aircraft. Volume 1: Analysis and design	1972
19790075807	Study of the application of advanced technologies to long-range transport aircraft. Volume 1: Advanced transport technology final results	1972
19790075808	Study of the application of advanced technologies to long-range transport aircraft. Volume 2: Research and development requirements	1972
19790075809	Study of the Application of Advanced Technologies to Long-range Transport Aircraft. Volume 1: Technology Applications	1972
19790075816	Aerodynamic Characteristics of a Cruciform Missile Configuration with Canard Controls with and Without Fin-flared Afterbody at Mach Numbers from 1.80 to 4.63	1972
19790075826	A study of the effects of long-term ground and flight environment exposure on the behavior of graphite-epoxy spoilers	1972
19790075877	Cascade plug nozzle and convergent nozzle performance comparison	1972
19790077342	Aerodynamic characteristics at Mach numbers from 1.60 to 4.63 of a variable-sweep fighter model with wing sweep angles of 44 deg and 71 deg	1972
19790077356	Air Augmented Convertible Scramjet Engine Study (The Dupont Jet Engine)	1972
19790077968	General specification: Lighting, manned spacecraft and related flight crew equipment, functional design requirements	1972
19790080985	B-1 wet runway breaking efficiency (D481-55B). Landing and deceleration systems (U)	1972
19790081010	B-1 nacelle (nuclear blast) dynamic response analysis (U)	1972
19790082031	Navy cost information system. Part 1, model B: Redesign of nucleus subsystem	1972
19790082888	Manufacturing methods for rapidly curing high-temperature composites	1972
19790083192	A minimum input TARGET synthesizer for laser studies, mod 2	1972
19790083271	Impact of potential powerplant improvements on proposed Navy VTOL fighter with lift plus lift cruise propulsion	1972
19790084277	Manufacturing methods for rapidly curing high-temperature composites	1972
19790085121	Preliminary design study for an optical beam director. Added scope to phase 1. Volume 3: Appendices	1972
19790085122	Preliminary design study for an optical beam director: Added scope to phase 1. Volume 3: Site vibration analysis	1972
19790085168	Design of a graphite composite A-7 speed brake	1972
19790085236	Salt spray test of roller chains, ball screws and protective coatings	1972
19790085268	Description and documentation of radar propagation model	1972
19790086104	Department of the Navy Automatic Data Processing Program Reporting System (ADPPRS) program maintenance	1972
19790087640	Silicone molding compound/adhesive	1972
19790087777	Component qualification test report: Static switch	1972
19790087818	Shock analysis of electronics cabinet	1972
19800072471	Seven band scanning radiometer	1972
19800073376	Sterically controlled syntheses of optically active organic compounds. Volume 16: Temperature dependence of hydrogenolytic asymmetric transamination	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800073401	An amplifier for electron multiplier pulse counting applications	1972
19800073441	Transient responses: Resonance spikes of topside sounders	1972
19800073442	VLF emissions observed by ISIS-2 during the geomagnetic storm of August 9, 1972	1972
19800073447	Electron fluxes observed near Sanae, Antarctica, by the satellite Alouette 1 during 1962 - 1963	1972
19800073455	Anisotropy of high-latitude electron fluxes during substorms and structure of the magnetotail	1972
19800073459	Study of resonance spikes generated in the ionosphere	1972
19800073493	Piezoelectric modulation of surface charges	1972
19800073494	Determination of surface state parameters from surface photovoltage transients: CdS	1972
19800073495	Photomechanical effect in noncentrosymmetric semiconductors-CdS	1972
19800073598	Site preferences of Ni(2+) and Co(2+) in clinopyroxene and olivine: Limitatons of the statistical approach	1972
19800073783	Hypersonic research engine project. Phase 2: Aerothermodynamic integration model development	1972
19800074392	An automatic data acquisition system for the 150-meter ground winds tower facility, Kennedy Space Center	1972
19800077303	An analysis of basic maintenance factors for gasoline-engine and diesel-engine parts	1972
19800077354	CEI subsystem design analysis report: Stress and load A014 S-101/M for countermeasures POD	1972
19800078343	Microelectronics-general specification SW1358	1972
19800078974	Standard for characterization analysis of electronic/electromechanical parts	1972
19800079445	Scientific and technical information output of the Langley Research Center for calendar year 1971	1972
19800079513	Design, development and testing of the experimental launcher/canister	1972
19800079536	On the feasibility of ground-based generation of artificial micropulsations	1972
19800079567	Tests of the .036 scale B-1 force model 3-A in the North American Rockwell trisonic wind tunnel to investigate stability and control characteristics (TWT 243). Volume 1: Revision	1972
19800079571	Wind tunnel tests of the 0.040 scale B-1 escape system separation model in VKF-tunnel A at AEDC, phase 3, volume 2	1972
19800079572	Wind tunnel tests of the 0.040 scale B-1 escape system separation model in VKF-tunnel A at AEDC, phase 3, volume 3	1972
19800079573	Wind tunnel tests of the 0.040 scale B-1 escape system separation model in vkf-tunnel A at Arnold Engineering Development Center, phase 2	1972
19800079579	Aerodynamic force data for the .1 scale B-1 escape module in the aedc transonic propulsion wind tunnel 16 T at Mach numbers 0.3 through 1.4 (AEDC TF-274)	1972
19800079665	Low speed wind tunnel tests of the B-1 air vehicle 0.06 scale high lift model to obtain basic low speed stability and control data on various slat configurations (test 6) (NAAL 673), volume 1	1972
19800079666	Low speed wind tunnel tests of the B-1 air vehicle 0.06 scale high lift model to obtain basic low speed stability and control data on an updated configuration (test 4) (NAAL 668), volume 1	1972
19800079675	Summary of test plans for the B-1 full scale inlet/engine compatibility test at AEDC	1972
19800079676	Trisonic wind tunnel tests of the B-1 air vehicle 0.10-scale SMC vane model to determine stability and control characteristics of various SMC vane configurations at high speeds, TWT-249 - revised	1972
19800079958	The necessity and trends for developing thin synthetic mechanical coatings	1972
19800080099	Low speed wind tunnel test of 0.036-scale aero force model 2 of the B-1 air vehicle to obtain single slotted flap force data (NAAL-666)	1972
19800080103	Analysis of low speed aerodynamic characteristics of the 0.036 scale B-1 force model 2 in the NR low speed wind tunnel (NAAL-644)	1972
19800080386	SRAM weapon trajectories from the internal weapon bays of the B-1	1972
19800080389	B-1 inlet distortion characteristics at engine cdr 14	1972
19800080408	Effect of nuclear flash heating on the strength of aluminum alloys, B-1 design	1972
19800080423	The effects of flap gap on longitudinal aerodynamic characteristics and flap panel loads for the B-1 single slotted flap	1972
19800080539	Printed wiring for electronics assemblies	1972
19800080837	Drag reduction by means of boundary-layer suction: An appraisal	1972
19800080842	Wind tunnel tests of the 0.040 scale B-1 escape system separation model in VKF-tunnel A at Arnold Engineering Development Center, phase 3, volume 1	1972
19800080848	Aerodynamic force data for the .1 scale B-1 escape module in the AEDC supersonic propulsion wind tunnel 16S at Mach numbers 1.7 through 2.4 (AEDC SF148)	1972
19800080857	Low speed wind tunnel tests with ground plane installed of the B-1 air vehicle 0.06 scale high lift model to obtain basic low speed stability and control data on landing and takeoff configuration, test 7, NAAL 675, volume 1	1972
19800080858	Low speed wind tunnel tests with ground plane installed of the B-1 air vehicle 0.06 scale high lift model to obtain basic low speed stability and control data on landing and takeoff confiruration, test 7, NAAL 675, volume 2	1972
19800080859	Low speed wind tunnel tests with ground plane installed of the B-1 air vehicle 0.06 scale high lift model to obtain basic low speed stability and control data on landing and takeoff configuration, test 7, NAAL 675, volume 4	1972
19800080932	B-1 jet exhaust noise simulation .10 scale model	1972
19800080933	Air induction control subsystem external compression inlet	1972
19800080990	Fabrication techniques for rivet fasteners utilizing 55-nitinol	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081035	The B-1 EMP analysis report	1972
19800081250	Low speed wind tunnel tests (with ground plane installed) of the B-1 air vehicle 0.06 scale high lift model to obtain basic low speed stability and control data on landing and takeoff configuration (test 7, NAAL 675), volume 3	1972
19800081631	Chordwise pressure distributions on the B-1 wing panel and hood at M = 2.2	1972
19800081632	Aerodynamic characteristics of various B-1 radome shapes	1972
19800081634	Wind tunnel test of the B-1 0.06 scale high lift force model in the 12-foot pressure tunnel to obtain high Reynolds number data on an updated high lift system, Ames test 12-669, model test 9	1972
19800081640	Wind tunnel tests of the 0.040 scale B-1 escape system separation model in PWT-4 T at Arnold Engineering Development Center, Phase 3, Volume 1	1972
19800081641	Wind tunnel tests of the 0.040 scale B-1 escape system separation model in PWT-4 T at Arnold Engineering Development Center, Phase 3, Volume 2	1972
19800081689	B-1 weapon bay noise simulation .1 scale model	1972
19800081729	Conceptual design study of the noise control treatment for the NASA full-scale subsonic wind tunnel	1972
19800082514	Darkness adaptation of sportsmen under gravitational loads	1972
19800082515	Change in work capacity of athletes under conditions of medium sized mountains	1972
19800082516	Changes in the reactivity of the circulatory apparatus and in cholinesterase activity during experimental hypertonia at high altitudes	1972
19800082517	On hypertonic disease in inhabitants of the high altitude of the central Tien Shan mountains	1972
19800082521	Creation of the planets	1972
19800082551	Color differences of lunar features during various phases of the Moon	1972
19800083669	Hypothermia and body reactivity	1972
19810065585	Low Speed Wind Tunnel Tests of the Effects of Various Configuration Changes on a 3/4 Scale Unpowered Fighter Model with 45 Deg Swept Wings	1972
19810065853	The information utilization processing system, communicating federal R and D results information to state and local governments	1972
19810066215	Computer simulation of the three-receiver drift experiment	1972
19810066294	Monte Carlo studies of ion collection in a supersonic flowing plasma	1972
19810069311	Suggested information system for research applied to national needs and the Office of Intergovernmental Science Programs	1972
19810071796	Aerodynamic Characteristics of a Wing Control Air-to-Air Missile Configuration at Mach Numbers from 2.00 to 4.62	1972
19810074089	Prime item development specification for engine, aircraft, turbofan TF34-GE-100, Revision A	1972
19810075557	Glyceride exchange in the brain under normal conditions and under conditions of hypoxia	1972
19810075775	Investigation of niobium-tin coated copper plate	1972
19810076556	Safety study report of the SUU-25 series flare dispensers	1972
19810076557	Safety study report of the (AE 25D-1) ground launched flare	1972
19810076558	Safety study report of the LUU-8/B, LUU-10/B, and LUU-11/B rescue Makers	1972
19810076895	Investigation of the application of adhesives in hybrid intergrated circuits	1972
19810077439	Prototype equipment for the cutting of long stick propellants	1972
19810077538	Aerodynamic characteristics of open weapon bays on the B-1 weapon separation model TWT-265	1972
19810077604	Theoretical model for ignition of gun propellant, part 2	1972
19810077831	Shock test program. Relay fragility test for SAFEGUARD TSE systems and equipment	1972
19810077832	Shock test program. Electric panelboards test for SAFEGUARD TSW systems and equipment	1972
19810077849	Shock test program. Station battery system for safeguard TSE systems and equipment	1972
19810078283	Operational test and evaluation of the survivability/vulnerability of aircraft	1972
19810078297	Operational test and evaluation of tactical radar bombing systems. Task 1: Instrumentation feasibility study	1972
19810078588	Shock test program test specification and procedure electric motor control center fragility test ITC E89MC	1972
19810078590	Safeguard system par facility. Review of PARB shock isolation platforms	1972
19810078783	The Ballistic Missile Radiation Analysis Center	1972
19810079271	Shock test program test, specification and procedure, electric motor control center facility test, ITC E52 MC for safeguard TSE systems and equipment	1972
19810079548	Electromagnetic harmonic detection	1972
19810080243	US Navy Satellite Geophysics Program October-December 1971	1972
19810080581	US Navy Satellite Geophysics Program January - March 1972	1972
19810080886	US Navy Satellite Geophysics Program	1972
19810082005	Shuttle free-flying teleoperator system experiment definition. Volume 2: Technical report	1972
19810082176	Argentina Uruguay: Section 23. Weather and climate, revision	1972
19820066382	Investigation of atmospheric aerosol. Attenuation of solar radiation by dust and clouds based mainly upon NASA research aircraft measurements	1972
19820066939	Tensile strength behavior of composite reinforced metals. Phase 1: Boron/Epoxy reinforced metals	1972
19820067280	A study of the heat transfer characteristics of a PCM thermal capacitor	1972
19820072973	A millimeter range radiometer/scatter-meter for investigating the surface of the sea	1972
19820073364	Chile section 23. Weather and climate, revision	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820075417	Documentation of RAND air-ground gunnery model. Volume 1: User manual	1972
19820075418	Documentation of RAND air-ground gunnery model. Volume 2: Analyst manual	1972
19820076000	Dipole tracking with a gradiometer	1972
19820076486	A survey of Soviet research and development	1972
19820076876	Improved radar scope recording camera	1972
19820080170	The Navy Aeroballistics Advisory Committee to the Naval Air Systems Command and the Naval Ordnance Systems Command for the calendar year 1971 (U)	1972
19830002749	Wind-Tunnel investigation of effects of underwing leading-edge vortex generators of a supercritical-wing research airplane configuration	1972
19830069354	The CTS (Communications Technology Satellite) communications experiments guide	1972
19830070285	Executive summary of Engine Noise Reduction Conference	1972
19830070521	Review and development of modal synthesis techniques	1972
19830070762	Liquid metal slip ring/solar orientation mechanism	1972
19830071647	Impact of emerging technology on health care systems. Space medicine brought to earth	1972
19830071824	Technology Applications Program: Field center projects	1972
19830073553	The KSC design criteria for reusable space vehicle umbilical systems	1972
19830075086	Technology Conference: Program and slides	1972
19830080880	Physical characteristics of corrosion product deposits	1972
19830081840	Air pollution abatement for jet engine test systems	1972
19830084390	A summary of aerospace vehicle computerized geometric descriptions for vulnerability assessments	1972
19830084774	Pilot shuttle analysis	1972
19830084776	Public Technology/National Aeronautics and Space Administration technology application program	1972
19830085385	Elastic-plastic analysis of stresses near fastener holes	1972
19840069689	Flame retardant polyphosphazenes, volume 1	1972
19840071453	Feasibility study for a solar electric propulsion stage and integrated SEP spacecraft. Volume 4: Cost data	1972
19840071857	Land resource regions and major land resource area of the United States (exclusive of Alaska and Hawaii)	1972
19840071858	A preliminary appraisal of ERTS-1 imagery for the comparative study of metropolitan regions	1972
19840071859	An evaluation of the pre-ERTS simulation imagery for detection of metropolitan land use change	1972
19840072447	Investigation of GH ₂ -GO ₂ combustion	1972
19840072456	Investigation of GH ₂ -GO ₂ Combustion	1972
19840072457	Investigation of GH ₂ -GO ₂ combustion	1972
19840072458	Investigation of GH ₂ -GO ₂ combustion	1972
19840072497	Investigation of GH ₂ -GO ₂ combustion	1972
19840072502	Investigation of GH ₂ -GO ₂ combustion	1972
19840072503	Investigation of GH ₂ -GO ₂ combustion	1972
19840072504	Investigation of GH ₂ -GO ₂ Combustion	1972
19840072505	Investigation of GH ₂ -GO ₂ Combustion	1972
19840072506	Investigation of GH ₂ -GO ₂ combustion	1972
19840074950	Studies of the impact of advanced technologies applied to supersonic transport aircraft. Task 1 oral review	1972
19840074968	Potential operating advantages of a variable-area-turbine turbojet	1972
19840079893	Bedford institute of oceanography biennial review 1971/72	1972
19850068999	The lunar sciences natural language information system	1972
19850070298	Deduction of rate constants from quantum yield experiments. 1. Ozone quantum yields	1972
19850070777	Thermal/structural/optical analyses and a thermal protection system design for a large space telescope design	1972
19850073791	Payload Effects Study	1972
19860066629	A radiation model for calculating atmospheric corrections to remotely sensed infrared measurements	1972
19860066637	Sea remote sensing program: Mississippi sound remote sensing study, July 11, 19, 25, and August 1, 1972	1972
19860066638	Multispectral line scanner (M2S) evaluation: Mississippi Sound area surface measurements, 4 August 1972	1972
19860066639	Terrebonne/Barataria Bay 1 remote sensing study, 5 May 1972. Part 1: Surface measurements	1972
19860066640	Water measurement support for Goddard Space Flight Center spectrometer water color study: Mississippi sound area, 24 July 1972	1972
19860066641	Mississippi Sound remote sensing study, 6 July 1972. Surface measurements	1972
19860066642	Mississippi Sound Remote Sensing Study: 2 and 4 May 1972	1972
19860066821	Second Scientific-Technical Conference on Radio Communication in Space	1972
19860066857	Ross Barnett Reservoir study standard data package A, flight of June 21, 1972	1972
19860066861	Remote sensing study: Eastern Gulf of Mexico. Experiment 3, May 1972. Part 1: Surface and ancillary measurements	1972
19860066864	Mississippi Sound remote sensing study: 7 August 1972. Surface measurements	1972
19860066962	Excitation of solar flare spectrum in 1.8 A region	1972
19860066997	Wave lengths of certain lines in X-ray region for He- and Li-like ions	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19860067275	Sea Remote Sensing Program: Mississippi Sound remote sensing study, August 15, August 29, September 7: Surface measurements	1972
19860067281	Remote measurement of salinity in an estuarine environment	1972
19860067282	Remote measurement of salinity in an estuarine environment	1972
19860067283	Interpretation of remotely sensed Earth resources data in the Bayou LaFourche area, November 7, 1972	1972
19860067288	Sea Remote Sensing Program. Mississippi Sound remote sensing study, August 25, 1972	1972
19860067311	Selected surface characteristics of the Mississippi Sound, July 1971 to September 1972	1972
19860067319	Land Remote Sensing Program: Atchafalaya River Basin study, May 1972, part 2	1972
19860067320	Application of remotely sensed multispectral data to automated analysis of marshland vegetation: Inference to the location of breeding habitats of the Salt Marsh mosquito (<i>Aedes sollicitans</i>)	1972
19860067326	Data package A for ERL mission 036, August 10-11, 1972, Bayou LaFourche	1972
19860067331	A radiation model for calculating atmospheric corrections to remotely sensed infrared measurements	1972
19860067333	Data package A for ERL mission 022, April 13, 1972, Atchafalaya River basin	1972
19860067488	Mississippi sound remote sensing study, 1 August, 1972. Remote measurements light aircraft	1972
19860067492	Mississippi Sound remote sensing study, 19 July 1972: Remote measurements light aircraft	1972
19860067494	Mississippi Sound remote sensing study, 6 July, 1972. Remote measurements light aircraft	1972
19870067148	Proceedings of the Space Shuttle Sortie Workshop. Volume 1: Policy and System Characteristics	1972
19880069057	Physiological-Hygienic and Psychological Aspects of Life Organization in Spacecraft Cabins	1972
19890068689	Space Shuttle Launch and Recovery Site Review Board	1972
19890069144	Current problems of thermal sounding of the atmosphere from artificial earth satellites	1972
19900066179	Ablative and metallic heat shields for aerobraking reentry: Task B-1 report	1972
19900066462	Data package for structural evaluation of candidate space shuttle thermal protection systems	1972
19900066604	Project manager's handbook	1972
19900066605	Project manager's handbook	1972
19900067358	Information contained in the intensity and polarization of scattered sunlight	1972
19900068089	Development of an ablative heat shield for space shuttle	1972
19910072592	Diagrammatic many-body perturbation expansion for atoms and molecules: Third-order energies	1972
19910072850	Nucleosynthesis in cosmological models containing intense magnetic fields	1972
19910073469	STOL Technology Conference. Program and slides	1972
19910073476	National launch vehicle summary. Revision 3	1972
19920075225	Long range noise reduction research plan: Status and trends of noise reduction technology and research goals	1972
19920078490	Supplementary boundary layer flight data from a 17 percent thick supercritical wing on a T-2C airplane	1972
19930073095	The structure of jet turbulence producing jet noise	1972
19930073097	Guide for planning investigations in the Ames 40- by 80-foot wind tunnel	1972
19930073179	Shuttle launch site operational concepts for certain Sortie missions, volume 1	1972
19930074023	Pioneer Venus: Proceedings of the Pioneer Venus Science Steering Group	1972
19930074076	Thrusts in aeronautics for the 1980's	1972
19930074133	Pioneer Venus: Report of a study by the Science Steering Group	1972
19930074519	Geology: Introduction to lunar and planetary geology	1972
19930078697	Space power and electric propulsion, volume 1	1972
19930078708	The price elasticity of demand for passenger air travel and air freight	1972
19930078711	Cost estimates of a Mach 6 and a Mach 12 research aircraft	1972
19930078712	Space power and electric propulsion, volume 2	1972
19930078727	Preliminary mission designs for Jupiter Orbiter missions	1972
19930078731	Final report of the Flight Experiments Committee of the Joint DOT/NASA STOL Operating Experiments Steering Group	1972
19930078744	An economic comparison of hypervelocity transports	1972
19930078793	Analyses of Short-Haul Air Transportation	1972
19950002360	B-70 Aircraft Study, Volume 3	1972
19960015679	NASA-GIT Predoctoral Design Training Program	1972
19960024739	Dynamic Crack Propagation Studies in Polymers	1972
19960045860	Concerning the Stability of the Thin Walled Circular Cylinder Shell Subjected to Shearing Force	1972
19970022008	Maximal Oxygen Uptake, Sweating and Tolerance to Exercise in the Heat	1972
19970022150	Snowpack Water Content by Remote Sensing	1972
19970028298	Electron Microscopic Findings in the Lungs of Miners	1972
19980236453	Lateral Directional Characteristics of a 1/10 Scale Free Flight Model of a Variable Sweep Fighter Airplane at High Angles of Attack	1972
19980236454	Aerodynamic Characteristics of a Variable Sweep Fighter Model at Mach Numbers from 1.60 to 2.36	1972
19990046390	Design and Performance Capability of a Spin Stabilized Electric Propulsion Spacecraft	1972
19990046749	A Dynamic Simulation of Passenger Railroad Cars with Experimental Comparison	1972
20000027663	Transonic Aerodynamic Characteristics of a Low Fineness Ratio Booster and Delta Wing Orbiter Launch Configuration (M=0.4 to 1.2)	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20000028325	Static Aerodynamic Characteristics and Oil Flow and Electron Beam Illumination Results of 0.005854 and 0.003366-Scale Models of the Grumman Aircraft Corporation Space Shuttle Orbiter (H-33) at a Mach Number of 20.3	1972
20000028328	Aerodynamic Heating Data on the Space Shuttle B-18E3 Booster Configuration at $M(\text{sub infinity}) = 6$	1972
20000028329	Aerodynamic Heating on Space Shuttle Booster Nose-Fuselage Configurations at $M(\text{sub infinity}) = 6$	1972
20000028330	Space Shuttle: Aerothermodynamic Data Base Monthly Data File Contents Report	1972
20000029529	Space Shuttle Preliminary Data: Aerodynamic Characteristics of Space Shuttle Configurations Consisting of a Straight Wing Booster With Vee Tail and Orbiters With Straight and Delta Wings ($M = 0.6$ to 2.0)	1972
20000031575	Aerodynamic Characteristics of a 1.9 Percent Scale Model MSC 040A Space Shuttle Orbiter at Various Reynolds Numbers ($M = 0.25$)	1972
20000031851	Aerodynamic Stability and Control Characteristics of the MSC 040-A Orbiter with Variations of Body, Wing, Vertical Tail and Canopy [$M=6.0$ to 2.0]	1972
20000033329	Space Shuttle: Hypersonic High Angle-of-Attack Aerodynamic Characteristics and Body Geometry and Flyback Engine Location Effects of the 0.0035 Scale Flyable LOX/RP Booster Vehicle	1972
20000033332	Space Shuttle: Static Stability and Control Characteristics of Three Elevon Configurations, A Yaw Control Flap and Wing-Mounted Dorsal Fins of a Space Shuttle Parametric Delta Wing Orbiter ($M = 10.4$)	1972
20000033335	Space Shuttle: Supersonic Aerodynamic Characteristics of a Low Fineness Ratio Booster With Delta Wing Orbiter Launch Configurations ($M = 1.5$ to 2.16)	1972
20000033340	Space Shuttle: LMSC Delta Body Orbiter Stall Characteristics as Influenced by Fin and Body Geometry Variations	1972
20000033759	Space Shuttle: Static Stability and Control Effectiveness of a LaRC Space Shuttle Orbiter Model with a Plane and a Twisted and Cambered Wing at Mach Number 0.25	1972
20000033762	Space Shuttle: Hypersonic Aerodynamic Characteristics of a 0.0075 Scale Model MSC-040A Space Shuttle Orbiter ($M = 10.3$)	1972
20000033765	Space Shuttle: Heat Transfer Study of the Grumman H-33/HO Orbiter	1972
20000033948	Space Shuttle: Stability and Control Characteristics of Orbiter With Twisted and Cambered Wing at Supersonic Speeds	1972
20000033949	Space Shuttle: Static Longitudinal and Lateral-Directional Stability Characteristics of a 0.0075 Scale Model Double Delta-Wing Space Shuttle Orbiter at Mach Number of 10.33	1972
20000033950	Space Shuttle: Preliminary Data Aerodynamic Heating Distributions on a Space Shuttle Delta-Wing Orbiter	1972
20000033957	Space Shuttle: Static Longitudinal and Lateral-Directional Stability Characteristics of a 0.01875 Scale Model Double Delta Wing Space Shuttle Orbiter at a Mach Number of 0.25	1972
20000033958	Space Shuttle: Nose Shape and Canopy Effects on the Static Aerodynamics Characteristics of the 040A Shuttle Orbiter at $M=20.3$	1972
20000033959	Space Shuttle: Supersonic Aerodynamic Characteristics of the McDonnell Douglas 050B Delta Wing Orbiter	1972
20000033961	Space Shuttle: Static Aerodynamic Characteristics of Stage Arrangements at Supersonic Speeds for a Space Shuttle (.0056 Scale Model)	1972
20000033964	Space Shuttle: Effectiveness of Wing-Upper-Surface Flap at Supersonic Speeds on 040A Delta-Wing Orbiter	1972
20000033967	Space Shuttle: Effects of Roughness on Aerodynamic Characteristics of Grumman H-33 Orbiter at $M=0.25$	1972
20000033968	Space Shuttle: Hypersonic Static Longitudinal Aerodynamic Characteristics of Phase B Ascent Configurations	1972
20000033969	Space Shuttle: An Evaluation of Orbiter Induced Interference Heating on the Booster, Orbiter Tank, and Interstage Fairings for Both Low and High-Alpha Re-Entry	1972
20000033970	Space Shuttle: An Investigation of the Subsonic Stability and Control Characteristics of a "Stretched" Payload Type Delta Wing Orbiter	1972
20000036467	Space Shuttle: Static Stability and Control Characteristics of Two Elevon Configurations, a Yaw Control Flap and Wing-Mounted Dorsal Fins of a Space Shuttle Parametric Delta Wing Orbiter ($M = 2.01$)	1972
20000036471	Space Shuttle: Subsonic Stability and Performance of a Low Fineness Ratio Booster ($M=0.25$)	1972
20000036472	Space Shuttle: Subsonic Performance Static Stability, and Control Effectiveness of a Parametric Delta Wing Orbiter	1972
20000039030	Space Shuttle: Supersonic Aerodynamic Characteristics of a GAC H-33 Orbiter ($M = 2.30$ to 4.63)	1972
20000043552	Is Aerospace Engineering Education Obsolete?	1972
20000108669	Avionics and Armament Service Acceptance Trials of the A-6E Airplane	1972
20010023775	3-Dimensional Radio Mapping Over 1 AU of the Solar Wind Magnetic Field In and Out of the Ecliptic: Technical Section, Management Section (Work Plan), Appendices	1972
20010124955	Wave Generation by Shallow Underwater Explosions	1972
20020028866	AGT-1500 Turbine Engine 9800 CFM Short Sponson Mount Precleaner	1972
20040053668	Launching to the Moon: The Apollo Mission from Lift-Off to Landing	1972
20050157900	Impact Study Shuttle System: Executive Summary	1972
20050158660	Impact Study Shuttle System, Executive Summary. Appendix 7: Requirements Impacts	1972
20050158824	Impact Study Shuttle System, Executive Summary. Appendix 2: Payload Interface Impacts	1972
20050158829	Impact Study Shuttle System: Executive Summary	1972
20050201234	DOD Flight Information Publication Terminals Areas. Second Edition	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20050228950	Launch of the Meteoroid Technology Satellite	1972
20050229151	Improved TIROS Operational Satellite (ITOS-D) Mission Operation Report	1972
20050229897	ITOS-B/Delta 86 Meteorological Satellite Post Launch Report No. 2	1972
20050229973	Earth Resources Technology Satellite (ERTS-1) Post Launch Report #2, Mission Evaluation	1972
20050229984	ERTS-1 Mission Post Launch Report No. 1	1972
20050230155	INTELSAT IV F-4 Launch	1972
20050230156	INTELSAT IV F-4 Post Launch Report No. 1	1972
20050230157	INTELSAT IV F-5 Launch	1972
20050230726	Earth Resources Technology Satellite Prelaunch Mission Operation Report	1972
20050230727	NOAA-I (ITOS-A) Post Launch Report 2, Mission Assessment	1972
20050232720	INTELSAT IV F-5 Post Launch Report No. 1	1972
20050234599	Orbiting Astronomical Observatory (OAO-C)	1972
20050234611	Interplanetary Explorer Project; IMP-H Mission Operation Report	1972
20050236334	Highly Eccentric Orbiting Satellite (HEOS A-2)	1972
20050236411	ESRO IV/Scout Reimbursable Mission	1972
20050236412	Highly Eccentric Orbiting Satellite (HEOS II), Post Launch Report No. I	1972
20050236413	ESRO IV Mission Operation Report No. 1	1972
20050236432	A Model for Tropospheric Calibration from Daily Surface and Radiosonde Balloon Measurement	1972
20050236473	Small Astronomy Satellite-B (SAS-B) Explorer	1972
20050240852	Canadian Communication Satellite/Delta Launch (TELESAT-A) (ANIK)	1972
20050240854	Thor Delta (TD-1)	1972
20070023848	Oxygen Therapy in Experimental Soman Poisoning	1972
20080014754	Electronic Warfare Education Quarterly. Comfy Carbon 4-72	1972
20080042298	The NASTRAN Theoretical Manual (Level 15)	1972
20080042428	Design Data Book - Airlock	1972
20080042993	The NASTRAN Theoretical Manual (Level 15.0)	1972
20080043000	NASA Patent Abstracts Bibliography: A Continuing Bibliography	1972
20080044016	NASA Patent Abstracts Bibliography: A Continuing Bibliography. Section 1 - Abstracts	1972
20080044764	NASA Patent Abstracts Bibliography: A Continuing Bibliography. Section 2-Indexes	1972
20090006177	Pollution-Source Reconnaissance Survey - Selected U.S. Navy and Marine Corps Reserve Training Centers, Southern California	1972
20090006178	Air and Water Regulations - Oahu, Hawaii Complex	1972
20090006179	Air and Water Regulations - San Diego, California Complex	1972
20090006254	Analysis of Executive Orders and DoD and Navy Directives for User Requirements	1972
20090006259	Emission Tests of Combustall 600 Incinerator	1972
20090006260	Air Pollution Source Emissions: Test of Central Steam Plant at North Island Naval Air Station, San Diego, California	1972
20090006315	Pollution-Source Reconnaissance Survey - San Diego, California Complex	1972
20090006326	Pollution-Source Reconnaissance Survey - Port Hueneme - Point Mugu, California	1972
20090006328	Pollution-Source Reconnaissance Survey - Charleston, South Carolina Complex	1972
20090006340	General Catalog of Instruments and Techniques for Measuring and Monitoring Pollutants	1972
20090006341	EPDB Glossary of Terms	1972
20090006342	Air and Water Regulations - Long Beach - San Pedro, California Complex	1972
20090006370	Air and Water Regulations - Pensacola, Florida Complex	1972
20090006371	Catalog of Activities for Pollution Monitoring	1972
20090006372	Air and Water Regulations- Jacksonville-Mayport, Florida Complex	1972
20090006375	Air and Water Regulations - Charleston - Beaufort, South Carolina Complex	1972
20090011021	Crew System Design: An Interagency Conference	1972
20090021273	SKYLAB: Operations Directive	1972
20090023301	Guidance System Operations Plan for Manned CM Earth Orbital and Lunar Missions using Program Colossus 3	1972
20100002204	Apollo 16 Index of 70 mm Photographs and 16 mm Film Strips	1972
20100026011	Data User's Handbook	1972
20110020489	Apollo 16 Mission (AS-511)	1972
20110020509	Apollo 17 Mission (AS-512): Prelaunch	1972
20110020573	Apollo 16 Mission (AS-511) Post Mission Operation Report No. 1	1972
20110020580	TELESAT-A (ANIK) Mission Post Launch Report No. 1	1972
20110020582	European Space Research Organization (ESRO) Thor Delta-1A (TD-1A) Post Launch Report No. 2	1972
20110020630	Nimbus E Meteorological Satellite Project	1972
20110020687	Nimbus E Meteorological Satellite Project	1972
20110020743	Meteoroid Technology Satellite (MTS) Review Committee: Final Report	1972
20110020781	Apollo 17 Mission (AS-512) Post Mission Operation Report No. 1	1972
20120013629	A Sensitivity Study of the Abort Staging Aerodynamics for a Phase B Space Shuttle Configuration at Mach Numbers from 2.0 to 6.0	1972
20130000316	Preliminary Network Operations Support Plan for the SAS-B Mission	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20130009753	Project: Apollo 16	1972
20130009754	Apollo 17 Preflight Summary	1972
20130009755	Skylab: Manned Orbital Scientific Space Station	1972
20130010394	Location of Energy Barriers. V. Scaling the Energy-Surface for AB + CD Yields AC + BD	1972
20130014220	ALLMAG, GDALMG, LINTRA: Computer Programs for Geomagnetic Field and Field-Line Calculations	1972
20130014646	Space Shuttle Orbiter Wing Leading Edge Ablator VS RCC TPS	1972
20130014951	Rolling Stability Derivatives for a T-Tail Fighter Configuration at Subsonic Speeds	1972
20150009364	Dry Heat Destruction Rate of Bacterial Spores	1972
20150009378	Thermal Enhancement of Radiosterilization	1972
20150009383	Current Problems in Aerobiology (A Survey of the Literature)	1972
20150009555	Biological Instrumentation for the Viking 1975 Mission to Mars	1972
20150010026	Outbound Planetary Biological and Organic Contamination Control: Policy and Responsibility	1972
20150010053	Microbial and Ecologic Investigations in Victoria Valley, Southern Victoria Land, Antarctica	1972
20150010071	Planning Evaluation and Analytical Studies to Implement Planetary Quarantine Requirements	1972
20150010084	Dry Heat Destruction Rates of Microorganisms on Surfaces	1972
20150010086	Status of Teflon Strip Experiments at KSC	1972
20150010276	Report on Viking Science Instrument	1972
20150010453	Effect of Combined Heat and Radiation on Microbial Destruction	1972
20150010477	Active Cleaning Technique for Removing Contamination from Optical Surfaces in Space	1972
20150010482	Monitoring of Antarctic Dry Valley Drilling Sites	1972
20150010526	Quarantine Considerations for Outer Planet Missions	1972
20150010556	Elements in Implementation of Planetary Quarantine Constraints	1972
20150010571	A Decade of Development in Sterilization Technology by the United States Space Program	1972
20150010630	Aiming Strategies for Quarantined Multi-Planet Missions	1972
20150011538	Saturn S-II Advanced Technology Studies: Study 3 Cryo Storage Thermal Improvement	1972
20150011729	The Gas Chromatographic - Mass Spectrometric Identification of Organic Compounds in Meteorites	1972
20150011730	Amino Acids in Meteorites	1972
20150011731	Prebiotic Thermal Synthesis	1972
20150011733	Search for Viable Organisms in Lunar Samples: The Oxidation of Metallic Iron and Gas Compositional Changes in Apollo 15 and 16 Samples, Significance for Water Activity on Mars	1972
20150011746	Criteria for Abiogenicity: Clues from Carbonaceous Chondrites	1972
20150011747	Amino Acids in Late Pleistocene Bone From Rancho LaBrea, California	1972
20150011749	Simulated Solar Wind Implantation of Carbon and Nitrogen Containing Ions Into an Analogue of Lunar Fines	1972
20150011776	Color Design for Habitability	1972
20150018527	Supercritical Wing Technology	1972
20150018539	Preliminary Investigations of the Effects of Forced Convection on Flame Propagation Along Paper and Matchstick Arrays	1972
20150018616	Toxicological Responses to Halogenated Hydrocarbons	1972
20150018618	Loss Rate Decision Making for Catastrophe Control	1972
20150018619	Critical Extinguishment Conditions for Plastic Fires by Water Sprays	1972
20150021015	A Thin-Film Hydrogen Sensor	1972
20150021320	Computer Analysis of Smoke Control with Building Air Handling Systems	1972
20150021325	Measurement of Submicron Particles and Their Relation to Air Pollution	1972
20150022255	Shuttle System Impact Study	1972
20150022256	Shuttle System Impact Study	1972
20160000923	Fire Detection Using a Sub Micron Particle Detector	1972
20160001001	The Early Detection of Fires in Coal Pulverizing Mills by Measurement of Carbon Monoxide	1972
20160001004	Report on Incandescent Lamp Life in Smoke Detectors	1972
20160001009	Household Fire Warning Equipment 1972	1972
20160001227	NASA Pocket Statistics	1972
20160001228	NASA Pocket Statistics	1972
20160001229	NASA Pocket Statistics	1972
20160001230	NASA Pocket Statistics	1972
20160001231	NASA Pocket Statistics	1972
20160001232	NASA Pocket Statistics	1972
20160001233	NASA Pocket Statistics	1972
20160001234	NASA Pocket Statistics	1972
20160001235	NASA Pocket Statistics	1972
20160001236	NASA Pocket Statistics	1972
20160004706	Legal Requirements for Fire Alarms in Ohio Dwellings	1972
20160004712	Some Observations on Convective Heat Transfer During Fire Spread Through a High Voidage Fuel Bed	1972
20160004724	Synthetic Foam for extinguishing Fires in Electrical Installations	1972
20160012416	Apollo 15 Final Lunar Surface Procedures	1972
20160012504	Proposal for Space Shuttle Program	1972
20160012505	Proposal for Space Shuttle Program	1972

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160012506	Proposal for Space Shuttle Program	1972
20160012507	Proposal for Space Shuttle Program	1972
20160012508	Proposal for Space Shuttle Program	1972
20160012509	Proposal for Space Shuttle Program	1972
20160012510	Proposal for Space Shuttle Program	1972
20160012511	Space Shuttle Program Proposal	1972
20160012512	Proposal for Space Shuttle Program	1972
20160012513	Proposal for Space Shuttle Program	1972
20160012515	Proposal to NASA-MS: Space Shuttle	1972
20160012516	Proposal to NASA-MS: Space Shuttle	1972
20160012517	Proposal to NASA-MS: Space Shuttle	1972
20160012518	Proposal to NASA-MS: Space Shuttle	1972
20160012519	Proposal to NASA-MS: Space Shuttle	1972
20160012520	Proposal to NASA-MS: Space Shuttle	1972
20160012521	Proposal to NASA-MS: Space Shuttle	1972
20160012522	Proposal to NASA-MS: Space Shuttle Manufacturing Proposal	1972
20160012523	Proposal to NASA-MS: Space Shuttle Technical Proposal	1972
20160012524	Proposal to NASA-MS: Space Shuttle	1972
20160012525	Proposal to NASA-MS: Space Shuttle Program	1972
20160012528	Space Shuttle: The Key to a Growing Space Utility	1972
20160012529	Space Shuttle Program	1972
20160012530	Space Shuttle Program	1972
20160012531	Space Shuttle Program	1972
20160012532	Space Shuttle Program	1972
20160012533	Space Shuttle Program	1972
20160012534	Space Shuttle Program Volume IV - Manufacturing Proposal	1972
20160012535	Space Shuttle Program	1972
20160012536	Space Shuttle Program	1972
20160012537	Space Shuttle Program	1972
20160012539	Proposal for Space Shuttle Program	1972
20160012564	Proposal for Space Shuttle Program	1972
20160012565	Proposal for: Space Shuttle Program	1972
20160012568	Proposal for Space Shuttle Program	1972
20160012569	Proposal for Space Shuttle Program	1972
20160012570	Proposal for Space Shuttle Program	1972
20160012571	Proposal for Space Shuttle Program	1972
20160012572	Proposal for Space Shuttle Program Volume II Management Proposal	1972
20160012573	Proposal for Space Shuttle Program	1972
20160012655	AS-511 (Apollo 16) Flight Evaluation Working Group L+2 Day Meeting	1972
20160013458	Lunar Surface Scientific Equipment for Apollo Mission 16	1972
20160013459	Apollo Mission Techniques: Mission J-2 and Mission J-3 Update	1972
20160013460	Apollo 16 Lunar Trajectory Notes	1972
20160013461	Apollo 16 Flight Plan Change A	1972
20160013462	Apollo 16 Final Lunar Surface Procedures	1972
20160013496	Skylab A Weight and Performance Report	1972
20160013513	Space Shuttle Program Requirements Document	1972
20160013771	Apollo XVII Mission Planning Briefing	1972
20160013777	Mission Director's Summary Report, Apollo 16	1972
20160013788	Lunar Module Single Failure Point Summary LM-12	1972
20160014390	Apollo/Soyuz Test Project: Project Technical Proposal	1972
20160014395	Apollo Spacecraft Program, Apollo Soyuz Test Project, Lunar Exploration: General Presentation Material	1972
20160014410	Apollo 17 MSC Flight Readiness Review	1972
20160014411	Apollo 17: MSC Flight Readiness Review	1972
20160014414	Apollo 17 Headquarters Flight Readiness Review	1972
20160014415	Apollo 16 Launch	1972
20160014758	Apollo 17 Command Module Onboard Voice Transcription: Recorded on the Data Storage Equipment (DSE)	1972
20160014759	Apollo 17 Technical Air-to-Ground Voice Transcription	1972
20160014760	Apollo 17 Final Flight Plan	1972
20160014761	Apollo 16 Lunar Module Onboard Voice Transcription: Recorded on the Data Storage Equipment Assembly (DSEA)	1972
20160014762	Apollo 16 Technical Air-to-Ground Voice Transcription	1972
20170000917	Mission Requirements SA-511/CSM-113/LM-11 J-2 Type Mission: Lunar Landing	1972
20170000921	Apollo Mission Techniques Mission J-2 and Mission J-3 Update: Techniques Description	1972
19730005718	A new method of evaluating the edge sharpness and transfer characteristics of photographic materials	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730006009	Radionuclide X-ray fluorescence analysis. 3: Examples of application in practice	1973
19730006389	Evolution, gravitation, weightlessness	1973
19730006468	Discussion and planning of a system for a television transmitting satellite	1973
19730006469	Direct television reception via satellites	1973
19730006584	The behavior of parallel air jets	1973
19730006749	Structural diagram and properties of a coherent analyzer	1973
19730006753	Equipment for measuring pressures in the apertures between the vanes of compressor impeller wheels	1973
19730006871	Selective surfaces and coatings in solar radiation engineering	1973
19730007002	Addition reactions with H- and O-atoms at low temperatures	1973
19730007009	Low frequency oscillation in a penning discharge plasma under conditions of cyclotron ion source	1973
19730007048	Use of the characteristic X-ray temperature of vanadium for the estimation of interatomic bonds in its crystal lattice	1973
19730007229	Theory of combustion of unmixed gases	1973
19730007260	On peaky airfoil sections	1973
19730007335	Analysis of electrocardiograms of Rhesus monkeys (Macaca mulatta)	1973
19730007336	On table salt fever	1973
19730007382	A method of analysing the mixture of hydrogen, methane, and ethane	1973
19730007383	Stability of aqueous solutions of HCN in the presence of ammonia or ammonia and CO ₂	1973
19730007386	Parameters for oxidation rate of organic substances in low-temperature oxygen plasma	1973
19730007494	The "Orion" orbital astrophysical observatory	1973
19730007636	Benefit analyses and decision models	1973
19730007719	Measurements of thermal conductivity in the subsoil	1973
19730007763	Control system for automatic operation of the Orion equipment	1973
19730007764	Energy calibration of the "Orion" spectrograph	1973
19730007765	Investigation of the photographic characteristics of UFSH-4 film used in the Orion equipment	1973
19730007849	Use of composite materials in aircraft structures	1973
19730007962	Diffusion coefficient of a plasma in crossed electric and magnetic fields	1973
19730008100	The future belongs to astrophysics	1973
19730008101	New investigations of the optimum rendezvous maneuver of space vehicles on elliptical trajectories for minimum fuel consumption	1973
19730008103	One principal for the operation of an orbital astronomical observatory controlled by a cosmonaut	1973
19730008104	Spectrograms of alpha Lyrae and beta Centauri in the range of 2000-3800 angstroms	1973
19730008111	The problem of space vehicle descent in planetary atmospheres	1973
19730008112	The moon and the planets (space program)	1973
19730008139	Launch vehicle estimating factors for advanced mission planning	1973
19730008198	Thermodynamics of the pyrolysis of hydrocarbons in a nitrogen plasma	1973
19730008207	Aerodynamics of laminar diffusive flames	1973
19730008378	Problem of acceleration in aviation medicine. Part 3: Functional changes in the nervous system during G-loads and weightlessness	1973
19730008383	Physiological problems of prolonged weightlessness	1973
19730008427	Kinetics of cyanoethylation of HCN on heterogeneous catalysts	1973
19730008428	Measurement of the effect of additives on reducing zinc corrosion in KOH	1973
19730008532	Problem of uniform jet flow around an airfoil	1973
19730008533	Effect of stratification of density on the motion of compressible fluid in spherical layers	1973
19730008778	Solar magnetic sector structure: Influence on stratospheric circulation	1973
19730008793	Isotope composition of elementary carbon	1973
19730008944	Oscillation theorems for canonical systems of differential equations	1973
19730008945	Oscillatory properties of the solutions of standard linear sets of differential equations	1973
19730008983	Visual considerations concerning approach lights	1973
19730008999	Radiation and propagation of electromagnetic waves in an anisotropic medium	1973
19730009017	Kinetic behavior of protons and deuterons in ice crystals	1973
19730009018	Recoilless resonance absorption by the 6.2 KeV state in Ta-181	1973
19730009031	Investigation of plasma heating in a strong variable electric field	1973
19730009134	The conquest of outer space	1973
19730009136	The Mars-2 and Mars-3 orbital spacecraft: Results of the investigation of the Martian surface and atmosphere	1973
19730009137	Preliminary results of the measurement of the water content of the Martian atmosphere made by the Mars-3 automatic interplanetary station	1973
19730009138	Preliminary results of the investigation of the Martian atmosphere with the Mars-2 satellite	1973
19730009139	Dust storms on Mars according to photometric observations taken on board the Mars-3 automatic interplanetary station	1973
19730009141	Analogue of polynucleotide in meteorites	1973
19730009158	Maintenance of space vehicles in orbit by means of remotely controlled manipulators: A joint project by Erno, Kybertronic, Klera	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730009160	Three studies (French, British, German) conclude: 40 to 50 civilian geostationary satellites to be launched between 1980 and 1990	1973
19730009191	Material problems for high temperature heat pipes	1973
19730009282	Gas flows past blunt bodies. Part 1: Calculation method	1973
19730009371	Physical and radiobiological investigations on artificial earth satellites: Estimating the radiation hazard of space flights	1973
19730009372	The radiation hazard during space flights	1973
19730009373	Dosimetry of space radiations	1973
19730009374	Investigation of shielding from cosmic radiation	1973
19730009375	The biological effect of cosmic radiation and the standardization of a permissible dose level (on conducting radiobiological experiments in outer space)	1973
19730009376	The combined effect of ionizing radiation and other space flight factors (results of flight experiments)	1973
19730009389	Medicine and space	1973
19730009394	Hypertonia and atherosclerosis under high mountain conditions	1973
19730009418	Studies of the alkaline polymerization of hydrocyanic acid and its inhibition. Part 1: Speed of alkaline polymerization of hydrocyanic acid	1973
19730009419	Studies of the alkaline polymerization of hydrocyanic acid and its inhibition. Part 2: Products of alkaline polymerization of hydrocyanic acid	1973
19730009420	Studies of the alkaline polymerization of hydrocyanic acid and its inhibition. Part 3: Unstabilization of liquid hydrocyanic acid and stabilizing agents	1973
19730009447	Polarization of radio waves reflected from the inhomogeneous ionosphere	1973
19730009448	Space radiotelemetry	1973
19730009491	Simplified 12 GHz low noise converter with mounted planar circuit in the waveguide	1973
19730009543	Critical two phase flow for cryogenic fluids	1973
19730009561	On the application of the splitting method for numerical calculation of heat conducting gas flows in curvilinear coordinates	1973
19730009563	Investigations of the admissible oxygen flow velocity in steel pipes from a safety point of view	1973
19730009650	Satellites and the problem of the earth's natural resources	1973
19730009651	Theoretical study of the interaction between radiative transfer and turbulent exchange in the lower layers of the atmosphere	1973
19730009727	Elements of experimental apparatus. Grids and lattices, convergent channels, bends and deflections	1973
19730009820	Mineral compositions of placer platinum from Teshio in Hokkaido, Japan	1973
19730009888	Oscillation and nonoscillation conditions for canonic linear sets of differential equations	1973
19730009916	Base survey of cloud cover by two spherical mirrors	1973
19730009970	Irradiation of "soft" photons in an intense electromagnetic wave field	1973
19730009975	Effects of flow turbulence and noise on aerodynamic phenomena and measured quantities	1973
19730010106	Astronomy and Astrophysics, no. 14: Physics of the moon and planets	1973
19730010107	The violet clouds of Mars	1973
19730010108	Ultraviolet absorption in the continuous spectrum of Jupiter	1973
19730010109	Distribution of the energy in the shortwave region of the spectrum for various parts of Saturn's disk	1973
19730010110	Results of laboratory photometric measurements of artificial planets	1973
19730010111	Spectrophotometric peculiarities of some satellites of planets	1973
19730010112	Glow from the limb side of a spherical planetary atmosphere	1973
19730010113	The possibility of automatically obtaining statistical morphological characteristics of sections of the lunar surface from their photographic images	1973
19730010120	Radar studies of the moon	1973
19730010287	Prediction of helicopter rotor loads	1973
19730010350	Problems of Space Biology, volume 16	1973
19730010351	Reactivity of an organism in conditions of prolonged spaceflight	1973
19730010352	Certain results of medical investigations aboard the Voskhod-2 spacecraft	1973
19730010353	Study of features of high intensity noise effects during spaceflight	1973
19730010354	Effect of immersion on certain motor function indices	1973
19730010355	Basal metabolism under conditions of simulated weightlessness	1973
19730010356	Change in the capacity of man to withstand transverse stresses after hypodynamia of varying duration	1973
19730010357	Change in certain indices of the function of external respiration during the action of G-forces	1973
19730010358	Effect of accelerations on reactivity of the gastro-intestinal tract to pharmacological agents	1973
19730010359	Changes in the nuclei of liver cells during the action of transverse stresses on animals	1973
19730010360	Problem of the interaction of analyzers and degree of vestibular reactions to the action of external stimuli	1973
19730010361	Condition of the vestibular analyzer in dogs after prolonged irradiation in small doses	1973
19730010362	Condition of metabolism during prolonged stay of man in a small enclosure with cyclically changing atmosphere	1973
19730010363	Conditions of ascertaining and conditioning man's capacity to distinguish the composition of a breathing atmosphere	1973
19730010364	Effect of hyperoxic medium on cells, tissues and organs of experimental animals	1973
19730010365	Action of hyperoxia on connective tissue	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730010366	Gas exchange and electrical activity of the skeletal musculature of animals in a helium and oxygen medium	1973
19730010367	Study of the physiological effect of replacing atmospheric nitrogen in the air with inert gases under conditions of oxygen insufficiency and increased concentrations of carbon dioxide	1973
19730010368	Possibility of using adaptation of hypoxic hypoxia in a system of conditioning	1973
19730010369	Effect of certain gaseous toxic substances on the resistance of animals to acute hypoxic hypoxia	1973
19730010370	Certain peculiarities of the biological action of gaseous toxic substances which are discharged into the atmosphere from the urine and feces	1973
19730010371	Effect of a chemical preservative on the intensity of the discharge of certain gaseous toxic substances from stored urine	1973
19730010372	Preservation of urine in a system for regeneration of water from it	1973
19730010373	The resistance of animals to toxic action of certain gases after adaptation to hypoxia	1973
19730010374	The toxic action of gaseous products of the vital activity of an organism	1973
19730010375	Problem of studying the toxicity of indole	1973
19730010376	Problem to toxicity of exhaled air	1973
19730010377	Peculiarities of determining the oxidizability of water during its regeneration	1973
19730010378	Study of the technology of decontamination of water which has been regenerated from the liquid products of human vital functions	1973
19730010379	Effect of the frequency of changing the nutrient solution on productivity of plants cultivated on keramzit	1973
19730010380	Certain indices of the material balance of man as a component in a closed ecological system	1973
19730010381	Studies of the stability of the chemical composition of a chlorella biomass during its prolonged cultivation with recovery of the medium on nitrates	1973
19730010382	Use of products of biological mineralization for cultivation of higher and lower autotrophs	1973
19730010383	Problem of the possibility of using products of the vital functioning of man which have been mineralized by the wet burning method	1973
19730010384	Problem of mineralization of vegetative waste products of a biocomplex by the method of thermal combustion	1973
19730010385	Study of a method of conservation of urine relative to spaceflight conditions	1973
19730010386	The food component, based on stores of dehydrated products, in life support systems for crews of space vehicles during prolonged flights	1973
19730010387	Evolution of the problem of detecting organic matter in the solar system	1973
19730010388	Effect on infusoria of physical conditions which simulate the environment on the surface of the planet mars	1973
19730010389	Problem of the survival of microorganisms under conditions simulating those on Mars	1973
19730010390	The photostat-1 device for studying the reaction of organisms to physical conditions on the planet Mars	1973
19730010391	Resistance of unicellular organisms to ultraviolet radiation in relation to the problem of the existence of extraterrestrial life	1973
19730010392	The action of ultraviolet radiation on amino acids and peptides in varying gas atmospheres in the presence of salts and oxides of metals	1973
19730010393	Action of a set of extremal factors on ribonuclease	1973
19730010394	Effect of a gas environment on catalase cryolysis	1973
19730010397	Circulation and water balance during immersion in a water bath	1973
19730010399	Problems of Space Biology. Volume 15: Functional morphology during extremal actions	1973
19730010568	The influence of temperature on the burn-out of a hydrogen diffusion flame in a supersonic flow in a closed channel	1973
19730010755	Compendious report on disk wave drive (DIWA)	1973
19730010845	Mathematical methods for modeling in space research	1973
19730010846	A method of using a digital computer for controlling instruments aboard spacecraft	1973
19730010847	A program for realizing the functions of the program-sequencing device on an on-board digital computer used in the control system governing the equipment aboard spacecraft	1973
19730010848	A probabilistic model of control digital computers for the purpose of estimating the effectiveness of the communication between a digital computer and information sources and receivers	1973
19730010849	An analysis of a control digital computing complex as a multistage system of mass servicing	1973
19730010850	The possibility of a unique determination of the electron concentration from the results of phase measurements	1973
19730010851	The influence of the day-night effect in the distribution of the atmospheric density on the deceleration of the artificial earth satellites	1973
19730010852	Long-term prediction of the motion of artificial earth satellites in nearly-circular orbits taking account of an arbitrary number of zonal harmonics	1973
19730010853	Aerodynamic compensation for the perturbing moments acting on a spacecraft	1973
19730010854	Control systems with discontinuous links and ways of optimizing their control	1973
19730010855	Certain numerical techniques of solving variational problems of flight dynamics	1973
19730010856	Formulating a mathematical model of controlled motion of a spacecraft under undetermined conditions	1973
19730010857	Gradient methods for estimating parameters in a mathematical treatment of measurements	1973
19730010858	Efficiency of the methods of numerical integration of ordinary differential equations	1973
19730010859	Numerical integration of ordinary differential equations in real time simulation	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730010860	An approximate calculation of the ephemeris of an object from the measurements of its coordinates from different points on the surface of the earth	1973
19730010861	Generalization of some investigations of A. M. Liapunov on linear differential equations with periodic coefficients	1973
19730011125	Preliminary results of infrared measurement of the Mars surface temperature by the Mars-3 automatic interplanetary station	1973
19730011184	Isogrid design handbook	1973
19730011218	Investigation of the structure of diffusion hydrogen flames	1973
19730011219	The structure of diffusion flames	1973
19730011269	Gas flows past blunt bodies. Part 2: Tables of the gasdynamic functions	1973
19730011292	Efficiency studies on cockpit displays	1973
19730011293	Description and implementation of a method for characterizing noise sources in jets	1973
19730011316	The effect of selective coatings on the thermal balance of a solar radiation receiver	1973
19730011327	Problems of space biology. Volume 14: Radiobiological aspects of the reactivity of the organism during space flights	1973
19730011328	Influence of radioprotective preparations from the mercaptoalkylamine group (cystamine, S,beta-aminoethylisothiuronium) on the resistance of animals to transversely directed overloads	1973
19730011329	Influence of monosodium salt of beta-aminoethylthiophosphoric acid on the resistance of animals to transversely directed overloads	1973
19730011330	Influence of radioprotectors from the aminothioliol group on the cardiac function of guinea pigs under the influence of overloads	1973
19730011331	The mechanism of reduced ability to withstand overloads under the influence of radio-protective pharmacological substances	1973
19730011332	Influence of certain radioprotectors on the ability of white rats to withstand acute hypoxia	1973
19730011333	Certain aspects of the practical utilization of medicinal substances under flight conditions	1973
19730011334	Sensitivity of mice to radioprotectors from the aminothioliol and indolyalkylamine series during the period of aftereffects from transversely directed overloads	1973
19730011335	Influence of certain radioprotective preparations on the motor-evacuatory function of the gastrointestinal tract of healthy and irradiated rats	1973
19730011336	Certain characteristics of the action of sympathomimetic amines on the reflex functions of the central nervous system of irradiated and sympathectomized animals	1973
19730011337	Characteristics of the action of medicinal preparations under hypothermic conditions	1973
19730011338	Chemical means of prophylaxis of radiation sickness	1973
19730011339	Pharmacological properties of substances for medicinal prophylaxis of radiation damage	1973
19730011340	Antiradiation effectiveness of cystamine under various conditions of gamma irradiation	1973
19730011341	Chemical protection against mixed gamma-neutron radiation with various contributions of neutrons to the absorbed dose	1973
19730011342	Elimination of cystamine in the organism and the prolongation of its radioprotective effect	1973
19730011343	Influence of gamma radiation on the elimination of the toxic effect of cystamine	1973
19730011344	Influence of shielding certain parts of the body on radiation sickness and survival of animals with total gamma-neutron irradiation	1973
19730011345	Change in reactivity of animals to certain pharmacological preparations with parts of the body shielded during total irradiation	1973
19730011346	Influence of shielding certain parts of the body on the course of radiation sickness in dogs with total gamma irradiation	1973
19730011347	Effect of shielding the stomach on the frequency of chromosomal aberrations in the cells of the marrow of guinea pigs and rats with gamma-irradiation at doses of 50-200 r	1973
19730011348	Aminotransferases of the blood serum of dogs following total exposure to gamma rays with the stomach or head shielded	1973
19730011349	Pathomorphological changes in the organs of white rats following irradiation by protons with an energy of 120 MeV and the role or partial shielding in the attenuation of radiation damage	1973
19730011350	Significance of radiosensitivity of individual parts of the body in the development of radiation pathology	1973
19730011351	Certain methods of prophylaxis of radiation sickness	1973
19730011352	Reactivity of irradiated animals shielded by mercapto-(cystamine and tsistafos) and indolyalkylamines (5-MOT and serotonin) to transversely directed overloads	1973
19730011353	Rate of recovery of radioresistance with the combined application of ionizing radiation and dynamic flight factors on the organism	1973
19730011354	Influence of cystamine combined with sympathomimetic amines on reparative processes following the action of radiation and overloads	1973
19730011355	Magnitude of the irreversible portion of radiation damage with the combined action of radiation and acceleration	1973
19730011356	Reaction of the peripheral blood in dogs under the complex action of transverse overloads and gamma irradiation	1973
19730011357	Evaluating the influence of vibration on the radiation reaction in dogs with the aid of certain clinical-hematological indices	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730011358	Influence of preliminary administration of the radioprotector finam on the reactivity of the tissues of irradiated animals under various experimental conditions	1973
19730011359	Influence of pharmacochemical substances on the reactivity of the organism to the combined action of gamma radiation and transverse overloads	1973
19730011360	The problem of the resistance of experimental animals to acute hypoxia at various stages of radiation sickness	1973
19730011361	State of the peripheral blood of irradiated animals under prolonged conditions of reduced barometric pressure	1973
19730011362	Method of measuring the composition and intensity of the heavy component of cosmic radiation	1973
19730011363	Method of combined tissue blocks for comparative pathomorphological study of radiation pathology	1973
19730011364	Problem of relative biological effectiveness of fast neutrons	1973
19730011365	Excretion of free amino acids with the urine as a test for early diagnosis of radiation damage	1973
19730011366	Changes of cell enzymes, glucose, cholesterol and 17-hydroxycorticosteroids in blood during physical exercise as a function of the physical training status	1973
19730011389	Metabolism of drugs. 77: In vitro metabolism of antipyrine	1973
19730011390	The carotenoids of some Basidiomycetes: A chemiotaxonomic survey	1973
19730011391	Adenin-nucleotides NAD (plus) and NADN in skeletal muscles during intensive work and at rest	1973
19730011392	Resistance of animals immersed in water to high acceleration	1973
19730011393	Radiation sterilization with a Van de Graaff accelerator	1973
19730011395	Human adaptation to hypoxia and tolerance of high environmental temperatures	1973
19730011396	Changes in the resistance of the organism to extreme effects during prolonged acclimatization to hypoxia	1973
19730011397	Contribution to the chemical taxonomy of the Agaricales pigments of Boletus and Cortinaria	1973
19730011398	Solvent effect of ESR spectra of nitroxide free radicals	1973
19730011401	Problems of space biology. Volume 12: The gravity receptor: Evolution of the structural, cytochemical, and functional organization	1973
19730011580	Increase of small disturbances in the boundary layer on an elastic surface	1973
19730011581	Method of calculating the flow in a circular nozzle	1973
19730011710	Splitting aluminosilicates with silicate bacteria	1973
19730011841	Lasers	1973
19730011865	Microlocal determination of gases in metals by using a laser beam	1973
19730011910	Arguments on a group of symplectic matrices	1973
19730011912	Structure of the group of symplectic matrices and the structure of the set of unstable canonical systems with periodic coefficients	1973
19730011913	Technical stability of complex systems	1973
19730012007	Disposal of the radioactive wastes at Trisaia Nuclear Research Center	1973
19730012038	Optical methods of atomic orientation and their applications	1973
19730012066	Solar elements based on heterojunction of P-type GaAs(1-x)Px and N-type GaAs	1973
19730012129	On the nature of the "blue clearings" on Mars	1973
19730012216	Determination of the heat exchange coefficient in turbulent flowing water	1973
19730012217	Problems of summer room heating	1973
19730012317	A Compressible Unsteady Theory for Helicopter Rotors	1973
19730012401	Experience with the method of Grabecki and coworkers for the determination of urine delta-aminolevulinic acid in the prevention of lead poisoning	1973
19730012402	Psychological characteristics of the activity of cosmonauts	1973
19730012423	Ergonomics principles and recommendations, no. 2	1973
19730012425	Some construction principles for remote control imitative manipulators	1973
19730012433	Hydrophobic iminoxyl radicals as uncouplers of photophosphorylation in chloroplasts	1973
19730012435	Formation of hydrocyanic acid from mixtures of ammonia, methane and a noble gas or hydrogen through UHF waves	1973
19730012476	SIMPL-X, a language for writing structured programs	1973
19730012477	Graph structure algorithms in FGRAAL	1973
19730012511	Problems concerning automatic connection of an aerogenerator to a network	1973
19730012526	Principles of steel construction engineering in the building and operation of wind driven power plants	1973
19730012547	Fluid mechanics: Note on surface instabilities	1973
19730012552	Pulsating flow through pipes	1973
19730012771	Oscillation theorems for differential equations of higher orders and the spectrum of the corresponding differential operators	1973
19730012772	Mathematical and computational problems in linear dynamic programming	1973
19730012798	Visibility range in the presence of various meteorological phenomena	1973
19730012847	On the Effect of Carbon and Copper on the Magnetic Properties of Iron and Iron-Silicon Alloys (Transformer Laminations)	1973
19730012967	Specific impulse of miniature motors employing cryogenic fuels	1973
19730013068	Problems of lunar geology	1973
19730013069	Problems of lunar geology: Introduction	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730013070	Technique of mapping and a legend for geological-morphological maps of the moon on a scale of 1:1,000,000	1973
19730013071	The thickness of the Procellarum complex	1973
19730013072	Explanatory notes for the geological-morphological charts of the southern part of Mare Imbrium, the crater Copernicus and its vicinity (sheets LAC-40, 58)	1973
19730013073	Explanatory notes for the geological-morphological chart of the northern part of Mare Nubium (sheet LAC-76)	1973
19730013074	Explanatory notes for the geological-morphological charts of the region of the Cirques Theophilus and Ptolemaeus (sheets LAC-77, 78)	1973
19730013075	Explanatory notes for the geological-morphological charts for the region of the crater Archimedes and the Apennine and Haemus Mountains (sheets LAC-41, 59, 60)	1973
19730013076	Ancient seas of the moon	1973
19730013077	Features of lava-sheet formation on the moon	1973
19730013078	Some features of the small craters of the moon	1973
19730013079	Uneven distribution of annular structures on the moon on the basis of their diameter	1973
19730013080	Comparison of forms of lunar relief with terrestrial volcanic formations	1973
19730013081	Volcanic ridges on the moon	1973
19730013082	Some general features of the development of structures on the moon and details of its geological history	1973
19730013083	Geological comparison of the moon and earth	1973
19730013109	Symphonie: The Franco-German telecommunications satellite	1973
19730013254	Problems of aviation medicine	1973
19730013255	Analysis of the mechanism of interoceptive reflexes in altitude meteorism	1973
19730013256	The effect of increased pressure in the cavities of the alimentary tract on evoked reflexes. Report 1: The effect on caloric nystagmus	1973
19730013257	The effect of increased pressure in the cavities of the alimentary tract on evoked reflexes. Report 2: The effect on Proprioceptive cervical and lumbar compensatory reflexes	1973
19730013258	Changes of the automatism, excitability and conductivity of the myocardium in hypoxic hypoxia	1973
19730013259	The kinematics of cardiac contractions in healthy persons and patients during hypoxic hypoxia	1973
19730013260	Viscoelastic properties of arteries in conditions of reduced partial oxygen pressure in the inhaled air	1973
19730013261	The early recognition of latent coronary insufficiency in flight personnel with the aid of combined functional loading	1973
19730013262	Changes in vector cardiograms after glucose tests in civil aviation flight personnel with atherosclerosis	1973
19730013263	Method of tone and speech audiometry in the medical examination of flight personnel	1973
19730013264	Medical observations of flight personnel suffering from manifestations of arterial hypertension	1973
19730013265	Changes of compensatory proprioceptive evoked reflexes during hypoxia	1973
19730013266	Problems of blood circulation biophysics during hyperbaric oxygen breathing	1973
19730013267	Conditioned-reflex motion sickness as a method of evaluating the statokinetic resistance of the flight personnel	1973
19730013268	Acceleration during double rotation in the Barany chair	1973
19730013269	Mechanisms of disturbance of the thermoregulating function of the organism under reduced barometric pressure	1973
19730013270	A study of the diurnal fluctuations in the cardiac rhythm as one of the early symptoms of functional insufficiency of the cardiovascular system	1973
19730013271	The experimental treatment of poisonings with a new organophosphoric insecticide (methylnitrofos) with the use of cholinesterase reactivators	1973
19730013272	Age restrictions in civil aviation	1973
19730013273	On the problem of barotrauma of the middle ear	1973
19730013274	Some physiological reactions in pilots during training and during flight	1973
19730013296	Mechanisms of sleep	1973
19730013297	Pathology of the brain and the structure of nocturnal sleep	1973
19730013298	Several methods for comparative physiological study of the stages of natural sleep and wakefulness	1973
19730013299	Electrophysiological indices of sleep in the cerebral cortex	1973
19730013300	Several aspects of the functional interdependence of delta sleep and radio sleep	1973
19730013301	Subcellular changes in the motor region of the cortex during sleep	1973
19730013302	The organization of the process of sleep in man according to the data of electrophysiological investigation of the deep structures of the brain	1973
19730013303	The impulse activity of thalamic cells in various phases of sleep and wakefulness	1973
19730013304	The effects of electrical activity and excitability of certain limbic and mid-brain structures during various phases of sleep	1973
19730013305	Maturational changes in the bioelectrical activity of the brain in sleeping children	1973
19730013306	Problems of space biology. Volume 17: Pathophysiological bases of aviation and space pharmacology	1973
19730013309	Renin-angiotensin system in simulated hypervolemia induced by immersion	1973
19730013468	The water bath as a partial simulator for weightlessness in space medicine	1973
19730013587	Ionosphere disturbances and their influence on radio communications	1973
19730013588	Ionospheric disturbances	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730013589	Connection between ionospheric disturbance and parameters of the interplanetary medium	1973
19730013590	Geophysical effects of the X/28/1963 proton flare	1973
19730013591	Anomalous F-region ionization in the high-latitude dark ionosphere	1973
19730013592	Deviation of F-region critical frequencies from median values	1973
19730013593	Predicting F2-region critical frequencies	1973
19730013594	Predicting the geometric parameters of the N(h) profiles and h prime f characteristics of the quiet and disturbed ionosphere. 1: Regular variations of the N(h) and h prime f geometric parameters	1973
19730013595	Predicting the geometric parameters of the N(h) profiles and h prime f characteristics of the quiet and disturbed ionosphere. 2: Variations of the N(h) and h prime f parameters from day to day	1973
19730013596	Predicting the N(h) profiles and h prime f characteristics of the quiet and disturbed F region. 3: N(h) and h prime f parameters during disturbances	1973
19730013597	Predicting the N(h) profiles and h prime f characteristics of the quiet and disturbed ionosphere. 4: Variations of arrival angles Delta and skip distances D	1973
19730013598	Long-term prognosis of midday N(h) profiles	1973
19730013599	Calculation of radiowave absorption and field intensity for oblique incidence on the ionosphere based on vertical sounding data	1973
19730013600	The influence of ionospheric and magnetic disturbances on short-wave radio communications	1973
19730013601	Laws governing F-scattering at various latitudes	1973
19730013602	Change of E sub s with the 11 year cycle of solar activity	1973
19730013603	Frequency characteristics of the E sub s layer	1973
19730013604	Local foci of the anomalous midday ionization of the F2 layer in the temperate latitudes	1973
19730013732	Signal-condition electronics for a vector velocity laser velocimeter	1973
19730013880	Determination of landing visibility at airports	1973
19730013896	On the utilization of thermonuclear propulsion for an upper stage of the Europa 3 launcher	1973
19730013904	Infrared dispersion filters	1973
19730013928	Study of the scattering of H and He atoms in hydrogen	1973
19730013929	Multiperipherism and the hydrodynamic theory of multiple processes	1973
19730013935	Applied magnetohydrodynamics, report no. 10, MHD-test facility Argas 2: Description and operations	1973
19730014065	Scientific exploration with an out-of-ecliptic spacecraft	1973
19730014107	Heat-transfer and flow-field tests of the North American Rockwell/General Dynamics Convair space shuttle configurations	1973
19730014173	Heat-transfer investigation of Langley Research Center delta wing configurations at Mach numbers 8 and 10.5	1973
19730014189	Flat conductor cable development	1973
19730014190	Composite structures	1973
19730014191	Galvanic forming	1973
19730014192	Versatility in electron beam welding: A rational approach	1973
19730014193	Quartz gyro manufacturing and measuring	1973
19730014194	Apollo 14 composite casting demonstration	1973
19730014195	Experimental studies of manufacturing processes performed in zero-g	1973
19730014196	Neutral buoyancy space simulation	1973
19730014197	The EKG isolator and cardiometer system	1973
19730014198	Free flying teleoperator	1973
19730014208	Technical chronicle: Who runs the program of mastering space in the USSR?	1973
19730014254	STOL aircraft with mechanical high-lift systems compared with STOL aircraft with wings equipped with blown flaps	1973
19730014284	Utilization of wind power by means of elevated wind power plants	1973
19730014285	Effect of zinc on the function of an acid electrode	1973
19730014298	Microbiological investigations during spaceflight	1973
19730014325	The effects of the hydrostatic pressure of the water bath on the capillary blood pressure and on the dehydration of the connective tissue	1973
19730014326	Medical-biological problems of spaceflight: An index to the Russian and foreign literature	1973
19730014330	Current status in aerospace medicine	1973
19730014390	An investigation of compact radio emission sources at a wavelength of 3.55 cm	1973
19730014553	On the power of programming features	1973
19730014559	ILLIAC 4	1973
19730014742	Problems of terrestrial glaciation and cycles in nature. Chapter 9: Cycles on the earth and in the universe	1973
19730014743	Measurement of wind and temperature in the upper atmosphere	1973
19730014744	The kinematics of noctilucent clouds	1973
19730014751	Some observations of night sky luminescences in the upper atmosphere during IQSY (1964/65)	1973
19730014868	Aluminum-gold interaction in thin layers	1973
19730014869	Investigation of dislocation locking by interstitial impurities in BCC-lattice metals	1973
19730014906	The anomalous influenced of the degree of cross linking of epoxide of resin in the glassy state on the dynamic modulus of elasticity	1973
19730014945	Investigation of seasonal transitions in spring and in autumn in the mesopause region	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730015023	Chemical shifts of amino group protons and the hybrid state of the nitrogen atom	1973
19730015024	Short-range forces of the interaction of complex molecules	1973
19730015025	Collision with sodium atoms in one of the two 3 P2 states	1973
19730015031	Finite beta drift Alfvén instability	1973
19730015076	Contribution to the selection of the parameters of the thermodynamic cycle in double flow turbojets	1973
19730015103	The Andromeda galaxy	1973
19730015104	New facts on Mars' geology	1973
19730015105	Role of metastable atoms O(primed) in thermospheric heating	1973
19730015111	Rendezvous in orbit	1973
19730015112	Space and production	1973
19730015138	K. E. Tsiolkovskiy as a film consultant	1973
19730015140	Spaceships	1973
19730015141	Orbital stations and the study of earth from space	1973
19730015142	Mars 2 and 3: Engineering and research results	1973
19730015143	Venus 8: Research results	1973
19730015333	Flight of aircraft with partial and unbalanced thrust	1973
19730015396	The use of ultra-fine fiber filter cloth for removing bacterial contaminants from the air	1973
19730015540	The effects of subgravity and simulation methods in the laboratory and in flight	1973
19730015541	The first aerodynamic three-phase electric power plant in Balaklava	1973
19730015591	Interaction of a sonic boom and a sheet of water	1973
19730015592	The Kutta-Joukowski conditions in three-dimensional flow	1973
19730015593	Numerical method of characteristics considering dissipative terms	1973
19730015596	The recirculation flow pattern of a VTOL lifting engine	1973
19730015698	Partial effects of the penetration of mono-energetic and unidirectional proton beams into the upper polar atmosphere (proton aurora)	1973
19730015699	The isotope composition of the carbon in carbonaceous rocks from the oil field of Belorussia as an indication of their origin	1973
19730015700	Cosmos-243 microwave measurements over Greenland ice	1973
19730015741	Data users' note: Apollo 16 lunar photography	1973
19730015796	Effect of contact-surface-active vapors on the behavior of steel during sliding friction	1973
19730015889	The collocation method for differential equations	1973
19730015973	The theory of horizontal visual range	1973
19730015985	Investigation of the collision of metastable atoms of He(2 3S) with molecules of N2 and O2	1973
19730016102	Study of the moon and planets by spacecraft	1973
19730016112	Investigation of compact sources of cosmic radio radiation at 35 cm	1973
19730016113	Algorithm for computing satellite orientation. Values of the gravitational constants	1973
19730016126	The brightness temperature of Venus and the absolute flux scale at 608 MHz	1973
19730016220	Significant NASA inventions available for licensing in foreign countries	1973
19730016226	Space and education	1973
19730016330	Comfortable travel on 11 "country routes"	1973
19730016340	Grid planning and management in air transport	1973
19730016342	The economics of air transport	1973
19730016384	Effect of monochromatic light on blood constants	1973
19730016389	Fourth All-Union Conference on Space Biology and Medicine	1973
19730016674	Investigation of the interactions between radio brightness and surface conditions of oceans based on Cosmos-243 data	1973
19730016691	Plotting, adjustment and estimation of the accuracy of space geodetic networks	1973
19730016814	A pulsed ruby laser source for portable holography	1973
19730016815	Advances in pulsed ruby lasers designed for holography	1973
19730016816	Holographic instrumentation of turbine blades	1973
19730016817	Applications of holography to wave propagation in shells and to vibration at high temperature	1973
19730016818	Application of holographic interferometry to shell structures	1973
19730016819	Holographic techniques applied to the solution of aerospace problems	1973
19730016820	A novel holographic technique to record front surface detail from a high velocity target	1973
19730016821	Light scattering in photographic materials for holography	1973
19730016822	The quantitative measurement of small phase differences in holographically reconstructed optical fields	1973
19730016823	Nondestructive testing and flow visualization: Two aerospace applications of holography	1973
19730016824	Review of holographic instrumentation at Arnold Engineering Development Center	1973
19730016825	Applications of optical processing	1973
19730016826	Photoplastic recording materials in holographic memories	1973
19730016827	Application of coherent optical matched filtering for detection of meteor trails	1973
19730016828	Holographic pattern recognition: New thoughts on old problems	1973
19730016829	Selectivity and noise effects in application of optical correlation	1973
19730016830	Onboard optical data processing for spacecraft	1973
19730016831	Optical correlation evaluation of surface deformation due to fatigue	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730016832	Solder joint fatigue measurement by optical cross correlation	1973
19730016833	An investigation of the real image of an aperture-limited, in-line Fraunhofer hologram	1973
19730016921	The Fourier coefficients of the Eisenstein series of the second degree	1973
19730016922	On the Fourier coefficients of the second degree Eisenstein series	1973
19730016977	Methods for calculating the navigation information for Mars spacecraft	1973
19730017005	Study of microwave radiation from the satellite Cosmos 243 over agricultural landscape	1973
19730017038	Rotation of the ion component of a hot cathode Penning discharge plasma	1973
19730017073	Methods of measurement for semiconductor materials, process control and devices	1973
19730017074	Temperature dependence of elastic constants and the Debye temperature of NaCl and KCl single crystals	1973
19730017176	Spacecraft control systems	1973
19730017236	High Reynolds number rocket plume simulation, part 1	1973
19730017237	Substitute gas for reentry aerothermodynamic simulation, part 2	1973
19730017273	Airfoil profiles in a critical Reynolds number region	1973
19730017303	Noise characteristics of a jet augmented flap configuration	1973
19730017304	Slender delta wings for future subsonic commercial aircraft	1973
19730017337	Synthesis rate of phospholipids and cytochromes b5 and P-450 in thiamine-deficient rats after treatment with thiamine	1973
19730017338	Ischemic heart disease and cosmic radiation	1973
19730017346	Mechanics of Machines, no. 27/28	1973
19730017347	Second Symposium on the Theory and Principles of Manipulator Design (February 8-9, 1968)	1973
19730017348	Features of the kinematics of manipulators and volumes methods	1973
19730017349	Some remotely controlled master-slave manipulator design problems	1973
19730017350	Kinematic analysis of spatial slave mechanics for manipulators by the matrix method	1973
19730017351	Some questions of the discrete control of deep-water manipulators	1973
19730017352	Prospects for the building and use of computer controlled manipulators	1973
19730017353	Some principles involved in the construction of unamplified control systems for electromechanical manipulators	1973
19730017354	Principal parameters and operating indices for reversible follow-up systems	1973
19730017355	Some questions from the use of reversible follow-up systems with independent follow-up and force reproduction channels	1973
19730017356	An analytical method for the synthesis of reversible follow-up systems	1973
19730017357	The question of manipulator activation by reversible follow-up systems	1973
19730017358	An investigation of engineering methods of designing electrohydraulic follow-up drives for underwater manipulators	1973
19730017359	The first experiment in building an airtight magnetomechanical master-slave manipulator	1973
19730017360	The influence of manipulator kinematics on the selection of the geometric parameters of boxes and chambers	1973
19730017361	Principles of the curtailment of sources of command signals in multifunctional bioelectric control systems	1973
19730017362	Synchronism and heterochronism of synkinesis in man	1973
19730017363	The possibilities of making quantitative evaluations of the functioning of closed people-operator control systems	1973
19730017364	The question of modeling certain motor functions of the human arm	1973
19730017365	Determination of the spatial positions of the links in a manipulator mechanism	1973
19730017366	The work and rest regime of cosmonauts	1973
19730017378	Determining the mineralization of chloride calcium-sodium waters by their specific electroconductivity	1973
19730017426	Microwave radiation characteristics of dry and moist ground covers	1973
19730017564	Ground effect visualization at low speed around aircraft models	1973
19730017565	The influence of an inclined jet on the flow field in the vicinity of a lifting surface and on its aerodynamic coefficients	1973
19730017636	Investigation of the ionosphere and meteors	1973
19730017637	Circulation of air masses in the upper atmosphere during the IQSY	1973
19730017638	The use of two spaced radars to measure meteor drifts	1973
19730017639	One dimensional expansion of a meteor trail	1973
19730017640	Mean monthly characteristics of the wind regime	1973
19730017641	A radar variant for a meteoric wind patrol	1973
19730017642	Sector radio measurements of meteor trail drifts by low frequency radar transmissions	1973
19730017643	Determination of diffusion in the meteor zone	1973
19730017644	Determination of the parameter s	1973
19730017645	Resonance effects during scattering and absorption of radio waves in models of trails of fast moving bodies in the ionosphere	1973
19730017646	The effect of mountain barriers in the path of meteor propagation of radio waves	1973
19730017647	A graphical method for establishing the active curve of a meteor radiant point on a given path	1973
19730017659	Criteria for optical classification of landscapes	1973
19730017660	Use of space images for glacier investigations in mountainous regions	1973
19730017661	Study of the landscape structure of the earth's structure on the basis of space photography	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730017662	The exploration of the natural landscape with the help of meteorological satellites	1973
19730017663	Aspects of the international exploration of noctilucent clouds	1973
19730017664	Laser sounding of the atmosphere	1973
19730017665	Small-scale geobotanical zoning and cartography based on space photography of the earth	1973
19730017666	Report of study on vegetation, soil and land use at key sites	1973
19730017717	Remote sensing of soil moisture with microwave radiometer	1973
19730017720	Possibilities of studying and mapping soil cover on the basis of space photography	1973
19730017893	Concerning the negative part of the spectrum of one-dimensional and multi-dimensional differential operators on vector-functions	1973
19730017897	Notes on a problem involving permutations as subsequences	1973
19730017943	Redtop (reactor design from thermal-hydraulic operating parameters) a FORTRAN 4 code for calculating reactor dimensions and mass from thermal-hydraulic considerations	1973
19730017962	Computation of the sound energy radiated from turbulent flows	1973
19730018092	Cosmic rays in the earth's magnetic field	1973
19730018094	Solar activity and phenomena in the biosphere	1973
19730018120	Ages, Rb-87 Sr-87 of soil and rock fragments brought from the lunar mountains by Luna 20	1973
19730018121	The global tectonics of the moon and the earth	1973
19730018122	Interstellar molecules	1973
19730018166	Skylab 2, first manned mission: News release	1973
19730018249	Lumiduc architecture	1973
19730018300	Preliminary flight evaluation of a painted diamond on a runway for visual indication of glide slope	1973
19730018301	Comparison of simulation and flight test for automatic STOL landings	1973
19730018327	Stimulation of panting by isolated heating of the spinal column in the wake dog	1973
19730018330	Investigative methods in space biology and medicine: Transmission of medical data	1973
19730018340	Biological life support systems	1973
19730018341	Safety of life and health of crews of spacecraft and space stations in emergency situations	1973
19730018369	Line strengths and radiative lifetimes for Ne 2	1973
19730018451	On the accuracy of aerodynamic parameters for simulation	1973
19730018455	The transient behavior of currents and forces in the coil system of the stellarator W 7 especially during operational disturbances	1973
19730018482	Calculation of potential flow around profiles with suction and blowing	1973
19730018490	Experimental determination of bound vortex lines and flow in the vicinity of the trailing edge of a slender delta wing	1973
19730018512	Collection of Ohio ground truth data for Skylab EREP	1973
19730018515	Developing processing techniques for Skylab data	1973
19730018525	Application of ERTS-A imagery to fracture related mine safety hazards in the coal mining industry	1973
19730018553	Inventory of forest and rangeland and detection of forest stress	1973
19730018563	Soil moisture analysis	1973
19730018564	Comparative evaluation of spatial features in automatic land use classification from photographic imagery	1973
19730018565	Study of techniques and applications of satellite imagery to small scale mapping	1973
19730018566	Stream network analysis from orbital and sub-orbital imagery	1973
19730018567	An interdisciplinary study of the estuarine and coastal oceanography of Block Island Sound and adjacent New York coastal waters	1973
19730018568	A lake and sea ice experiment with Skylab microwave radiometry	1973
19730018569	Application of ERTS-1 imagery to state wide land information system in Minnesota	1973
19730018570	Teledetection of littoral FRALIT program ERTS-1	1973
19730018571	Sampling strategies in land use mapping using Skylab data	1973
19730018572	All-digital precision processing of ERTS images	1973
19730018573	Geologic analysis and evaluation of ERTS-A imagery for the State of New Mexico	1973
19730018574	Application of multispectral photography to mineral and land resources of South Carolina	1973
19730018575	Dynamics of playa lakes in the Texas high plains	1973
19730018576	Use of ERTS data for mapping snow cover in the western United States	1973
19730018578	The use of ERTS-1 satellite data in Great Lakes mesometeorological studies	1973
19730018589	The significance of biological factors in the weathering of rocks and minerals	1973
19730018590	Results of remote sounding of the atmosphere and ocean in the infrared and microwave regions on the 13th voyage of the scientific research vessel ""Academician Kurchatov""	1973
19730018591	Space methods in geography	1973
19730018592	Estimation of the atmospheric effects in the problem of cosmic study of the natural resources of the earth by emission measurements from Kosmos satellites	1973
19730018593	Several properties of the radioemission of land surfaces	1973
19730018626	Application of spectrometry to biological oceanography	1973
19730018858	Conceptual design and thermal analysis of the exhaust duct for a fissioning uranium plasma test reactor	1973
19730018868	Calculation of transient currents and forces in toroidal coil systems for fusion machines	1973
19730018954	Elastic properties of oxides and the search for temperature-compensated materials	1973
19730019040	Heat transfer and flow field tests of the McDonnell Douglas-Martin Marietta space shuttle configurations	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730019041	NASA-Convair ACS space shuttle study at Mach number 8.0	1973
19730019154	The influence of an inclined jet on the flow field in the vicinity of a lifting surface and on its aerodynamic coefficients. Part 2: Literature survey	1973
19730019159	Aerodynamic Characteristics at Mach 0.60 to 4.63 of Two Cruciform Missile Models, One Having Trapezoidal Wings with Canard Controls and the Other Having Delta Wings with Tail Controls	1973
19730019176	External loads and aircraft strength	1973
19730019177	A practical scheme for adaptive aircraft flight control systems	1973
19730019203	Noise and noise sickness	1973
19730019214	Space ergonomics	1973
19730019215	Simplified method of multiple implantation of electrodes in the subcortical structures of the brain	1973
19730019303	Package switching with satellites	1973
19730019354	Coolable calibrating resistance as noise temperature standard	1973
19730019707	Amino acids contained in the Cenozoic formations of Japan	1973
19730019708	Aeromethods of geographical research	1973
19730019792	Microwave Techniques	1973
19730019799	Effect of boundary surface-active vapors on the behavior of steel during sliding friction	1973
19730019842	Effect of irradiation on the absolute thermal EMF of metals and alloys	1973
19730019873	On the operator theory of n-th degree modular forms	1973
19730019922	Introduction. Why Satellite Nuclear Power Station?	1973
19730020093	The measurement of radiation in space	1973
19730020109	Current achievements in astronautics	1973
19730020110	The conquest of outer space	1973
19730020111	Rhythms on the earth and in space, chapter 9	1973
19730020148	Calculation of natural vibrations of single cylindrically curved open shells	1973
19730020202	Collision cross sections between oxygen molecules and low energy electrons	1973
19730020248	Visual problems concerning landing accidents	1973
19730020249	Computation of unsteady aerodynamic forces on helicopter rotor blades	1973
19730020250	Tupolev: Its "moustaches" were too long and fragile	1973
19730020272	Experimental aerogenerator type BEST - Romani, description, assembly, test program	1973
19730020276	Operating experience obtained with a 100 kW wind power plant	1973
19730020277	The development of wind power installations for electrical power generation in Germany	1973
19730020309	General regularities of the reaction of the human organism to the combined influence of environmental factors characteristic for a spacecraft cabin	1973
19730020310	The molecular organization of the active center of microsomal cytochrome P-450	1973
19730020311	The effects of muscular exercise on urinary excretions of adrenal hormones in the normal man	1973
19730020312	The incidence of abnormal liver function tests in drug addicts without a history of jaundice	1973
19730020313	New data in the use of therapeutic exercise in diseases of the peripheral vessels	1973
19730020314	Role of living matter in carbonate formation	1973
19730020316	Investigation of the rhythm of sleep and wakefulness in crews of the spaceships Soyuz 3-9 before, during and after exposure to spaceflight	1973
19730020321	Medical aspects of the safe descent and landing of a spacecraft on the earth and other celestial bodies	1973
19730020323	The relationship between the intermediate medium and the transformation and contrast phenomena	1973
19730020448	Experimental investigation of flow stability during intense injection	1973
19730020645	Electric conductivity of water extracts from soil as a measure of their ionic strength	1973
19730020646	What do you know about tektites ?	1973
19730020647	Determination of the concentration of water-soluble salts in soils on the basis of the coefficient of electrical conductivity	1973
19730020648	The effects of microflora on rock weathering and the edaphic factor	1973
19730020649	Microbiology of sediments and its geological aspects	1973
19730020650	Hydrographic interpretation of orbital photographs and possibility of using them in hydrologic mapping	1973
19730020651	The effect of the microflora on exogenous dynamics (weathering and crust development)	1973
19730020709	A thermometer over the sea	1973
19730020728	Systems theory in analysis. 2: System of analytical quantity ranges	1973
19730020991	Spectrochemical analysis with a glow discharge tube as light source. 3: Development and description of a universal method for determining the main components in nonconducting powdery substances	1973
19730020992	The paramagnetic rotation of the plane of polarization	1973
19730021019	Correlation between the potential and density fluctuations of a plasma, and the convective transport of particles across the magnetic field in a Penning discharge in the presence of rotational instability	1973
19730021020	Stability of a plasma rotating in crossed electrical and magnetic fields	1973
19730021108	Astrometry and astrophysics, no. 9: Research of the sun and stars	1973
19730021282	Source mechanisms for rotor noise radiation	1973
19730021287	Methods and techniques of airframe strength flight tests	1973
19730021291	Some effects of ground and side planes on the acoustic output of a rotor	1973
19730021295	On the pitch damping moment in hovering of a rigid helicopter rotor	1973
19730021296	Meteorological safety of aircraft flights	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730021328	Molecular mechanisms of adaptation to hypoxia	1973
19730021333	Problems of space biology. Volume 21: Tissue oxygen under extreme flight factors	1973
19730021335	The oxides of manganese: Their comparative toxicity and hygienic importance and the clinical medicine of chronic manganese exposure	1973
19730021336	The ammonifying ability of the denitrifying bacteria of the species pseudomonas fluorescens	1973
19730021347	Ergonomics: Principles and recommendations, no. 1	1973
19730021356	Sanitation norms of permissible noise in living accommodations, public building, and in the territory of habitable buildings	1973
19730021395	Basic elements of power spectral analysis	1973
19730021598	Applications satellites: Legal aspects. Part 2: The remote sensing of earth resources by satellites	1973
19730021614	Simulation of the role of micro-organisms during ore formation in lakes	1973
19730021635	Electromagnetic radiation trapped in the magnetosphere above the plasma frequency	1973
19730021935	Electrical conductivity of materials and determination of the resistivity	1973
19730021940	Propagation of sound in elliptic ducts	1973
19730022005	Investigation of the heat transfer between the gas and casing in the area of the inter-vane channels of the stator and guide vanes of turbines	1973
19730022051	Methods of investigating variable stars	1973
19730022069	For lunar rock	1973
19730022134	Methodology for a decision of the static test of large vehicles	1973
19730022147	Problems of heat transfer in space	1973
19730022154	HNS/Teflon explosive charges for the Apollo 17 seismic experiment, LSPE	1973
19730022196	Study of the flow around sharp-edged slender delta wings with large angles of attack	1973
19730022244	Project of wind motor with aerodynamic transmission for capacities of 100 kw to 3000 kw	1973
19730022258	Fluorometric 11-hydroxy-corticosteroid assay in human blood plasma	1973
19730022259	V. V. Streltsov: The Founder of the Soviet School of Aviation-Space Medicine	1973
19730022260	The second orbital flight	1973
19730022261	Effect of Coriolis acceleration on the vestibular apparatus of a cosmonaut and its experimental study in the laboratory	1973
19730022262	Sleep and cerebral temperature in the rat during the chronic exposure to a hot environment	1973
19730022265	Methods of Determination of Hydroxyproline in Biological Fluids and Their Use in Clinical Practice	1973
19730022266	Functional test with a water load	1973
19730022267	Study of immunological reactivity	1973
19730022283	Some properties of a mathematical analog of the central portion of a vestibular analyzer	1973
19730022303	Interaction of titanium nitrides with oxygen and carbon dioxide	1973
19730022359	Some reflections concerning magnetic resonance phenomena in the domain of radio frequencies	1973
19730022506	An experimental investigation of the effects of rocket plume simulators on the radial and longitudinal pressure distribution of a sting mounted body of revolution at transonic Mach numbers	1973
19730022624	A comparison between measured transmission and emission spectra and calculated spectra in the 9.6 micron region of ozone	1973
19730022678	AGFACONTOUR: A new film for simplified production of equidensities	1973
19730022895	A large superconducting magnetic shield	1973
19730022907	Coherent propagation of charged particle bunches in random magnetic fields	1973
19730022916	The Wendelstein W 7 project	1973
19730022918	General characteristics of heavy ion plasma created by laser	1973
19730022942	The homogeneity regions of the superconductive phases in the molybdenum-platinum system	1973
19730022944	Superconductive energy storage	1973
19730022966	Experimental study of rotating stall in high-pressure stages of an axial flow compressor	1973
19730022968	Influence of transient conditions on overall service life of turbine blades	1973
19730022973	Development test of the Thiokol TE-M-616-01 solid-propellant rocket motor	1973
19730022976	Proportional counter observations of discrete galactic X-ray sources	1973
19730022977	Steady-state flow of the solar wind around a dipole	1973
19730022982	A search for solar neutrons from 10-100 MeV	1973
19730022983	Relativistic electron events in interplanetary space	1973
19730023000	Prospective extra-atmospheric astronomical investigations	1973
19730023009	Docking technology	1973
19730023010	New facts concerning the composition of the Tungus meteorite	1973
19730023011	The plasma in the vicinity of Venus. Comparison of the results received by means of Venera-4 and Mariner-5	1973
19730023012	Preliminary data on the lunar soil brought back by the Luna-20 automatic station	1973
19730023013	The strategy of space research	1973
19730023017	Where and when did Borodino meteorite fall?	1973
19730023045	The birth of safety	1973
19730023197	Investigation, at inlet locations, of fuselage flow fields at transonic and supersonic speeds	1973
19730023259	Calculation and comparison of the economics of electrochemical fuel cells	1973
19730023265	Evaluation of gas exchange and reaction of the cardiovascular and respiratory systems to physical work	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730023266	The measurement of arterial pressure under the influence of ODNT	1973
19730023269	Effects of certain extreme stresses on the structure of the vascular system	1973
19730023270	Internal cerebral "'set point" temperature model in warm-blooded animals	1973
19730023271	Thermoregulation during physical exercises of men with diverse physical performance capacities	1973
19730023272	Determining optimal periods of bed rest by certain physiological indices	1973
19730023274	Virucidal action of hydrogen peroxide aerosols in decontamination of air in an influenza nidus	1973
19730023284	Measurement of the arterial pressure by the tachoscilloscope method after N. N. Savitskiy	1973
19730023285	Contribution to the study of factors controlling the rate of summation of luminous impressions from unequal surfaces (retinal heterogeneity)	1973
19730023301	Investigation of the reactivity of amino acids and carboxylic acids in aqueous medium by an isotope labeling method. 1: A study of the reaction of alpha-amino acids with methyl radicals by means of deuterated alpha-amino acids	1973
19730023302	Role of fulvic acids during the weathering of silicate minerals	1973
19730023303	Role of the temperature factor during the weathering of minerals	1973
19730023456	The formation of vortices in a free boundary layer	1973
19730023557	New problems of ball lightnings	1973
19730023558	Is there iron from space on earth?	1973
19730023561	Auroral bremsstrahlung at balloon altitudes	1973
19730023562	The dynamics of longitudinal (field-aligned) currents in the magnetosphere	1973
19730023563	Organic geochemistry of amino acids in sedimentary rocks	1973
19730023583	Earth albedo neutrons from 10 to 100 MeV	1973
19730023614	Modification of the "frost analyzer" and improvement of the sleep-monitoring cap	1973
19730023632	Study on the performance of ball bearings at high dn values	1973
19730023817	Effective cross sections for collision processes between molecular oxygen and slow electrons	1973
19730023879	Mixing of Multiple Dilution Jets with a Hot Primary Airstream for Gas Turbine Combustors	1973
19730023993	Mutual aid in space	1973
19730024007	Study of terrestrial resources by space objects and international law	1973
19730024045	The investigator on-board an orbiting space station	1973
19730024046	The German aeronomy satellite AEROS	1973
19730024048	Study of shuttle-compatible Advanced Technology Laboratory (ATL)	1973
19730024310	Exchange of hand heat. The role of circulatory reactions and variations of the local temperature of arterial bloods	1973
19730024339	The role of water temperature in bradycardia during facial immersion	1973
19730024340	Functional disturbances during hypokinesia in man	1973
19730024341	Retinal adaptation	1973
19730024389	Analysis of requirements for computer control and data processing experiment subsystems, Image Data Processing System (IDAPS) users manual (7094 version), volume 1	1973
19730024447	Deflection of a free fluid jet at a flat panel	1973
19730024543	Proposal to evaluate the use of ERTS-A imagery in mapping and managing soil range resources in the Sand Hills region of Nebraska	1973
19730024600	The Fralit program (ERTS-1): A report prepared for the occasion of the Thirtieth International Aeronautics and Space Exhibition	1973
19730024601	A study of polar motion	1973
19730024602	On the problem of photogrammetric refraction	1973
19730024658	Evolution of coefficient of friction, resistance of contact and wear for a pin on disk friction pair	1973
19730024907	On absorption spectra for certain rare crystals and their modifications within a magnetic field at the temperature of liquid helium	1973
19730024937	On the selection of similarity criteria for a stream of plasma flying into a magnetic dipole	1973
19730025008	Highly noise suppressed bypass 6 engine for STOL application	1973
19730025047	Determination of the perturbing moments due to solar radiation pressure forces acting on a body of revolution	1973
19730025073	The temperature of planets	1973
19730025075	A possible interpretation of the distribution of craters on the surface of the moon	1973
19730025081	Observations from space of night-sky brightness from the Kosmos-51 and Kosmos-213 satellites. 2: Results and discussion	1973
19730025082	Observations from space of night-sky brightness from the Kosmos-51 and Kosmos-213 satellites. 1: Method and calibration of the measurements	1973
19730025083	On the approaches of global metallogeny	1973
19730025084	The natural exoelectron emission of the anorthosite rocks delivered by automatic interplanetary station Luna-20	1973
19730025085	The utilization of extra-atmospheric space	1973
19730025092	Perturbation of a nearly-circular orbit	1973
19730025176	Phenomena associated with bench and thermal-vacuum testing of superconductors, heat pipes	1973
19730025192	The bimodal system	1973
19730039299	Heterocyclic compounds recovered from carbonaceous chondrites.	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730039764	Effect of passive 70-deg head-up tilt on peripheral visual response time.	1973
19730047848	Survival of common bacteria in liquid culture under carbon dioxide at high temperatures.	1973
19730048895	Sterilization technology in the United States space program.	1973
19730049072	Photoinduced fixation of CO ₂ by amino acids - Implications for nonbiological reactions on the Martian soil.	1973
19730049770	Thermal synthesis of amino acids from a simulated primitive atmosphere.	1973
19730051002	Imaging and life detection.	1973
19730051164	Ten years of development of the Planetary Quarantine Program of the United States.	1973
19730051175	Terrestrial quarantine considerations for unmanned sample return missions.	1973
19730051176	Lunar sample quarantine procedures - Interaction with non-quarantine experiments.	1973
19730051294	The significance of outer planet satellite quarantine constraints on aim-point selection.	1973
19730051539	Gas occlusions in arterial heat pipes.	1973
19730053491	Fourth Lunar Science Conference.	1973
19730056072	Touchdown performance with a computer graphics night visual attachment.	1973
19730056208	Amino acids in the Murchison meteorite.	1973
19730057973	An Analytical and Experimental Investigation of Gravity Effects upon Laminar Gas Jet-diffusion Flames.	1973
19730059041	Racemization of amino acids in marine sediments determined by gas chromatography.	1973
19730061749	Research in the aerospace physical sciences	1973
19730062083	Multidisciplinary research in the space related engineering, physical, biological, and social sciences	1973
19730062605	Semiannual status report, 1 July - 31 December 1972	1973
19730062607	Develop payloads for a systematic rocket	1973
19730062623	Scientific and technical services for development of planetary quarantine measures for automated spacecraft	1973
19730062687	Implementing instructions for employee development and training	1973
19730062894	Index of specifications, standards and publications generated and utilized by Manned Spacecraft Center, Houston, Texas	1973
19730062897	Summary for month ending 31 January 1973	1973
19730062968	Effect on the organism of long-term linear and radial accelerations on the organism	1973
19730062969	Biological indicators of new space regions	1973
19730063043	Optimal speed sharing characteristics of a series-hybrid bearing	1973
19730063190	Advanced control and display techniques and applications study	1973
19730063271	Statement of Clare F. Farley, Deputy Assistant Administrator for Technology Utilization, National Aeronautics and Space Administration before the Committee on Aeronautical and Space Sciences, United States Senate	1973
19730063287	Gravitation research, 7	1973
19730063518	Processing and transmission of information	1973
19730063588	Classical mechanics of molecular collisions	1973
19730063589	Classical mechanics of molecular collisions, appendices	1973
19730063590	Applications of aerospace technology in the environmental sciences	1973
19730063608	Two phase detonation studies conducted in 1972	1973
19730063653	Sciences in interaction: A NASA related University program in the life, physical, and social sciences	1973
19730063793	NASA MEPU Sundstrand model APS07 space shuttle application	1973
19730063844	Investigations of paramagnetic metallocarboranes at magnetically shielded test facility	1973
19730063887	Mars 3: Estimate of parameters of the atmosphere at the landing point of the spacecraft	1973
19730064065	An Investigation of the Preparation of High Molecular Weight Perfluorocarbon Polyethers	1973
19730064066	Apollo/Saturn 5 postflight lunar impact trajectory - AS -512 S-4b/iu	1973
19730064088	Composition and structure of the cloud cover of Venus	1973
19730064089	Preliminary results of measurements of the Venera 8 automatic spacecraft	1973
19730064090	The Mars 2 and Mars 3 orbital spacecraft: Results of studies of the surface and atmosphere of Mars	1973
19730064091	A working model of the atmosphere of Mars	1973
19730064114	Semiannual report, 1 January - 30 June 1973	1973
19730064120	Turbopumps for cryogenic upper-stage engines	1973
19730064176	Technology utilization in a non-urban region: Further impact and technique of the technology use studies center (4)	1973
19730064178	The chemistry of living systems	1973
19730064179	A solar and galactic cosmic ray experiment	1973
19730064180	Molecular collisions. 19: The distorted wave approximation to atom-rigid symmetric top rotational excitation	1973
19730064188	Technology transfer in biomedical engineering	1973
19730064215	The content of uranium, thorium and potassium in Venusian rock as measured by Venera 8	1973
19730064262	Final Report, May 1973	1973
19730064269	Action of extreme factors	1973
19730064274	Project Apollo: A feasibility study of an advanced manned spacecraft and system. Volume 4: On-board propulsion, Book 4: Appendix P-D	1973
19730064305	Multidisciplinary research in management and administration with emphasis on large scale R and D public programs	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730064328	Complexity problems and formal language theory	1973
19730064330	Multidisciplinary space related research in the physical engineering, life, and social sciences	1973
19730064331	Applications of aerospace technology in the environmental sciences	1973
19730064336	Vibration testing of the RFW 017770-1 STS circuit breaker panel	1973
19730064469	Determination of the intensity of turbulence in a liquid rocket combustion chamber	1973
19730064474	Role of selenium in neural physiology of avian species. 2: The distribution of Se 75 from injected selenomethionine- Se 75 in the tissues and its fate in livers of chickens	1973
19730064480	Low temperature thermocouples: KP, normal silver and copper versus Au-0.02 atomic percent Fe and Au-0.07 atomic percent Fe	1973
19730064486	Study of protein nutrition as maintained by synthetic polyamino acids	1973
19730064657	L emission spectra of compounds of iron and manganese	1973
19730064665	To scientists: About foreign scientific literature	1973
19730064667	Cosmonaut clothing and personal hygiene	1973
19730064668	Investigation of interaction between ion beams and plasmas	1973
19730064684	Protection against radiation (physical, pharmacological, chemical and biological)	1973
19730064688	Multidisciplinary research	1973
19730064697	Functional ambiguity and the cushioning of organizational stress	1973
19730064701	Theoretical and experimental studies of the nature and characteristics of space related plasma resonance phenomena	1973
19730064702	Multidisciplinary research in space-related science and technology	1973
19730064706	Computer-oriented research in space-related sciences	1973
19730064829	Chrysler Upper Stage Sizing Evaluation Routine (CUSSER). Volume 1: User's manual	1973
19730064855	Ionospheric research	1973
19730064856	Spectrophotometric and polarographic determination of molybdenum in titanium alloys	1973
19730065183	Calculations of the atmospheric temperature profile on Venus	1973
19730065204	Industrial hygiene handbook	1973
19730065414	Food and water supply	1973
19730065429	Statistical summary of the research activities associated with UT/NASA multidisciplinary front	1973
19730065753	A search for gamma ray bursts with gamma ray monitor on OSO-7	1973
19730065767	Life support systems for short-term flights and flights of intermediate duration	1973
19730065926	Errors resulting from circadian frequency changes in the determination of phase shifts	1973
19730065927	Usefulness, reliability and practicality of the determination of heme precursors for checking workers exposed to lead	1973
19730065928	Diureses during immersion in a thermal bath	1973
19730065929	Development of electromagnetic generators to power biotelemetry systems	1973
19730065932	Study of the formation of hydrocyanic acid by the action of decimeter waves on mixtures of argon, ammonia and methane	1973
19730065933	Contributions to the polymerization mechanism of hydrocyanic acid. The reaction of doubly negatively substituted acetonitriles with ammonia	1973
19730065934	Densities, viscosities, and dielectric constants of pure hydrocyanic acid and of hydrocyanic acid-water mixtures at 0 C	1973
19730065938	Informational value of various types of runway illumination	1973
19730065939	A proposed mid-latitude ozone model for the US standard atmosphere (summary)	1973
19730065949	RVR visibility measurement on the takeoff runway	1973
19730065955	Hydrogen-oxygen APS engines. Volume 2: Low pressure thruster	1973
19730065957	Mission definition for the HELIOS C-Encke comet mission	1973
19730065958	Definition of an ex-ecliptic mission as a possible follow up project for HELIOS C	1973
19730065962	Spacecraft systems analysis project	1973
19730065967	Design integration and noise studies for jet STOL aircraft: Noise suppression of improved augmentors for jet STOL aircraft	1973
19730065969	Pulse rate, blood pressure, blood volume, and oxygen uptake of sportsmen trained for endurance and of nonsportsmen during immersion in water	1973
19730065970	Influence of potassium treatment on muscular exhaustion of the white rat in hot and cold surroundings	1973
19730065971	Vestibular apparatus. Physics and physiology of the otoliths and semicircular canals	1973
19730065972	Correlation between regional distribution of sweating and deviation from the "Predicted 4-HR Sweat Rate" (P4SR)	1973
19730065974	The effect of changing gravity and weightlessness of vasopressin control systems	1973
19730065975	Element recovery and biochemical synthesis	1973
19730065976	The mycology section of the Apollo Microbial Ecology Evaluation Device (MEED)	1973
19730065977	Shuttle free-flying teleoperator system experiment definition. Volume 1: Executive summary	1973
19730065978	Shuttle free-flying teleoperator system experiment definition. Volume 2: Technical report	1973
19730065983	State of the art: Trends and applications possibilities of robots, part C	1973
19730065984	User's guide for the Navigation Analysis Program (NAP)	1973
19730065988	Extended definition feasibility study for a solar electric propulsion stage. Volume 1: Executive summary	1973
19730065989	Extended definition feasibility study for a solar electric propulsion stage: Volume 3: Program planning data	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730065991	The fusion crust of meteorites	1973
19730065994	Optimum mission profile design: Documentation of program POPS	1973
19730065995	Flight report for Delta vehicle S/N 20001, Delta Program Mission No. 89, spacecraft: ERTS-A	1973
19730066002	Hypersonic performance, stability and control characteristics of a 0075 scale model North American Rockwell ATP orbiter configuration	1973
19730066006	Results of supersonic tests in the LARC unitary plan wind tunnel on a .015 scale model NR-PRR space shuttle orbiter	1973
19730066007	Studies concerning aerosol deposition in the respiratory system (first report)	1973
19730066008	Physiological responses to environmental factors related to space flight	1973
19730066009	Research support of metabolic costs of inflight tasks (M171)	1973
19730066012	Antenna and propagation studies for spacecraft systems: Preliminary Skylab VHF ranging coverage	1973
19730066015	Study for the modification and automation of sting DD-EDD ground support systems for space shuttle: Electrical ground support systems plan	1973
19730066022	Capability for automatic in flight analysis	1973
19730066023	Types of natural convection in space manufacturing processes: Summary report	1973
19730066025	Candidate configuration trade Study, stellar-Inertial Measurement System (SIMS) for an Earth Observation Satellite (EOS)	1973
19730066043	Investigation of crystal growth from solutions	1973
19730066045	Extended definition feasibility study for a solar electric propulsion stage. Volume 2: Concept and feasibility analysis. Part 1: Mission analysis	1973
19730066046	Extended definition feasibility study for a solar electric propulsion stage. Volume 2: Concept and feasibility analysis. Part 2: Concept analysis	1973
19730066047	Apollo 16 CSM 113 service propulsion system final flight evaluation	1973
19730066048	Apollo 16 LM-11 ascent propulsion system final flight evaluation	1973
19730066055	Skylab 1 space vehicle data evaluation guide	1973
19730066056	Delta-78 Intelsat 3-7	1973
19730066057	Telemetry and flight program report, Skylark	1973
19730066059	Further reduction and analysis of Skylab, SL-1 ground winds loads test data	1973
19730066060	Detailed test objectives for the extended long tank Delta launch vehicle, spacecraft: Telesat-B	1973
19730066063	Skylab ECS consumables analysis program user's manual	1973
19730066064	Delta/shuttle integration study. Volume 1: Executive summary	1973
19730066065	Delta/shuttle integration study. Volume 2: Technical analysis	1973
19730066066	Delta/shuttle integration study. Volume 3: Costs	1973
19730066067	Operations and checkout plan for payload carriers	1973
19730066068	Space shuttle orbit maneuvering system trade studies	1973
19730066069	Transtage/shuttle integration study. Volume 1: Executive summary	1973
19730066070	Transtage/shuttle integration study. Volume 2: Technical data	1973
19730066071	Transtage/shuttle integration study. Volume 3: Cost	1973
19730066072	Summary of attitude dynamic analysis for lunar RAE spacecraft	1973
19730066074	Design applications of rigidized reusable surface insulation thermal protection system	1973
19730066075	Experimental and analytical comparison of simulated space shuttle multiple rocket engine exhaust plume impingement pressures and convective heating rates	1973
19730066076	Summary of space shuttle related exhaust plume and impingement environment definitions	1973
19730066083	A full scale test of a new V/STOL control system Energy Transfer Control (ETC). Phase 2: Engine out operation	1973
19730066085	A wind turbine with a 34-meter rotor diameter	1973
19730066086	Renal phenolsulfonphthalein transport accompanying the enlargement of central blood volume by immersion	1973
19730066087	A computer program for evaluating and synthesizing broadcasting satellite systems	1973
19730066090	Ground wind load forcing functions analysis program	1973
19730066091	Lead: A bibliography of its ecology and environmental toxicity	1973
19730066092	Environmental test report for explosive charge assemblies for lunar seismic experiments	1973
19730066093	Flame resistant nontoxic polymer development	1973
19730066094	Nuclear stage system definition study, phase 4 Volume 1: Executive summary	1973
19730066095	Nuclear stage system definition study, phase 4 Volume 2: Baseline system definition	1973
19730066096	Nuclear stage system definition study, phase 4 Volume 3: System analyses and trade studies	1973
19730066097	Nuclear stage system definition study, phase 4 Volume 4: Program analyses and trade studies	1973
19730066098	Fluid and particle dynamic effects in low-g composite casting	1973
19730066099	Report of findings by AD Hoc Expendable Stage Fuel Handling Group	1973
19730066100	Feasibility study of a solar electric propulsion stage for geosynchronous equatorial mission. Volume 1: Executive summary	1973
19730066101	Feasibility study of a solar electric propulsion stage for geosynchronous equatorial missions. Volume 2: Concept and feasibility analysis. Part 1: Mission and transportation analysis	1973
19730066102	Feasibility study of a solar electric propulsion stage for geosynchronous equatorial missions. Volume 2: Concept and feasibility analysis. Part 2: Concept analysis	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066103	Application of RL10 engine for space tug propulsion. Volume 3: Engine/tug interface and operational requirements	1973
19730066104	Application of RL10 engine for space tug propulsion. Volume 4: Development and implementation	1973
19730066105	F-1 Engine Flight Worthiness Verification Program, Engine F-2014	1973
19730066106	Application of RL10 engine for space tug propulsion. Volume 2: Engine design and performance definition	1973
19730066107	Hydrogen-oxygen APS engines. Volume 1: High pressure thruster	1973
19730066116	Results of investigations on a 0.015 scale model North American Rockwell space shuttle orbiter in the NASA/ARC 3.5 foot hypersonic wind tunnel	1973
19730066117	Results of transonic tests in the NASA/LaRC 8 foot pressure tunnel on a 0.015 scale model NR-PRR space shuttle orbiter	1973
19730066119	Longitudinal Aerodynamic Characteristics of a Carrier Based Variable Wing Sweep Fighter Airplane with Partial Incorporation of the NASA Supercritical Airfoil (U)	1973
19730066120	NASA-ONERA joint effort comparison of results of testing Boeing SST model in NASA (Ames, Langley) and ONERA (Modane S2) wind tunnels	1973
19730066121	Aerothermodynamic data base monthly data file contents report	1973
19730066122	Assessment of the application of advanced technologies to subsonic CTOL transport aircraft	1973
19730066123	Piloted simulation of the Boeing model R984-33 V/STOL research aircraft. Volume 1: Analysis of the flight control system and flight characteristics	1973
19730066124	Piloted simulation of the Boeing model R984-33 V/STOL research aircraft. Volume 2: Results of piloted simulation	1973
19730066125	Stability and Control Characteristics of a Variable-sweep Fighter Model at a Mach Number of 0.30 and Angles of Attack up to 36 Deg (U)	1973
19730066127	Modeling the closing of pathological retinal vessels by means of photocoagulation	1973
19730066128	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments	1973
19730066129	Energy deposition by high energy charged particles	1973
19730066130	Cryobiology: Simulation of Don Juan Pound and other studies	1973
19730066132	Antenna and propagation studies for spacecraft systems	1973
19730066133	Antenna and propagation studies for spacecraft systems: Apollo 17 extravehicular communications system postflight analysis	1973
19730066134	User's guide and software documentation for the Algorithm Simulation Test and Evaluation Program (ASTEP)	1973
19730066135	Information processing division digital data interface standards for the network	1973
19730066136	A seven-channel scope switch and multiplexer	1973
19730066137	Airports in response to changing demands	1973
19730066138	Geysers characteristics of feedline configurations having both vertical and nonvertical sections	1973
19730066141	Large space telescope pointing and control study. Technical volumes, part 1	1973
19730066142	Large space telescope pointing and control study. Technical volume, part 2	1973
19730066143	Large space telescope pointing and control study, summary volume	1973
19730066144	Correlation of the diffusion of carbon, oxygen, hydrogen, nitrogen and sulfur in solid and molten iron	1973
19730066145	Apollo guidance, navigation and control: Guidance system operations plan for manned CM earth orbital missions using Program Skylark 1. Section 7 erasable memory programs	1973
19730066147	Simulated meteoroid reentry program preliminary design and experimental development of payload launchers	1973
19730066148	Flight report for Delta vehicle S/N 20002 delta program mission number 91, spacecraft: ITOS-D	1973
19730066149	Detailed test objectives for the extended long tank delta launch vehicle, spacecraft RAE-B	1973
19730066152	Burner 2/shuttle integration study. Volume 1: Executive summary	1973
19730066153	Burner 2/shuttle integration study. Volume 2: Technical, part 1	1973
19730066154	Burner 2/shuttle integration study. Volume 2: Technical, part 2	1973
19730066155	Burner 2/shuttle integration study. Volume 3: Cost	1973
19730066156	Advanced spacecraft Orbit Maneuvering System (OMS) development test program guideline	1973
19730066160	Space shuttle wind tunnel test utilizing the ground winds data reduction device	1973
19730066161	Scout/Shuttle integration study: Executive summary report	1973
19730066162	Scout/Shuttle integration study: Technical report	1973
19730066163	Scout/Shuttle integration study: Cost analysis report	1973
19730066164	Design and calibration of model nozzles for use in gas dynamic simulation of the space shuttle propulsion system exhaust plumes	1973
19730066166	Semiannual status report, tasks 1 through 5, 1 September 1972 - 28 February 1973	1973
19730066167	Low speed investigation of the PRR planform wing both in and out of ground effect	1973
19730066168	Effect of Nozzle Interfairings on Aerodynamic Characteristics of a Twin-engine Variable-sweep-wing Fighter Airplane at Mach 0.60 to 2.01 (U)	1973
19730066169	Performance of Ejector Wing Aircraft for Navy VTOL Fighters	1973
19730066170	Why is life based on the elements of the first three periods?	1973
19730066171	Mercury: Biogeochemical studies	1973
19730066172	Electronic tomography	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066173	Sequential Processor with State Noise (SPSN) programming manual	1973
19730066174	Power controller assembly	1973
19730066175	Antenna retraction profiles for the IMP-J wire antenna spacecraft	1973
19730066177	TAGS SNAP 19 radioisotope thermoelectric generator life test	1973
19730066180	Performance of lift plus lift/cruise propulsion systems in Navy VTOL fighter airplanes (U)	1973
19730066181	J58 cooperative control system study, volume 1 (U)	1973
19730066182	J58 cooperative control system study, volume 2 (U)	1973
19730066183	J58 cooperative control system study, volume 3 (U)	1973
19730066184	Franco-Soviet cooperation (Project EOS - Venus (SL.202.02.U.)): Study of the planet Venus by means of a balloon drifting in the atmosphere of the planet	1973
19730066185	Delta-79 Intelsat 3-8 (Intelsat 3-H)	1973
19730066186	Atlas/Centaur-26 Intelsat 4 (F3)	1973
19730066187	Atlas/Centaur-23 Mariner Mars-9	1973
19730066188	Atlas/Centaur-24 Mariner Mars-8	1973
19730066189	Static aerodynamic characteristics and oil flow and electron beam illumination results of a 0.005 scale model Langley concept space shuttle orbiter (LO-100) at a Mach number of 20.3	1973
19730066190	Aerodynamic characteristics of a 142 inch diameter solid rocket booster with and with out strakes	1973
19730066191	Low speed longitudinal and lateral stability characteristics of a PRR shuttle orbiter configuration	1973
19730066192	Flight report for Delta vehicle S/N 20005, Delta program mission no. 93, spacecraft: Nimbus-E	1973
19730066193	Flight report for Delta vehicle S/N 20001, Delta program mission no. 92, spacecraft: Telesat-A	1973
19730066194	Launch vehicle test and checkout plan. Volume 2: Saturn 1B launch vehicle. AS-208 flow plan and listings	1973
19730066195	Evaluation of nonmetallic thermal protection materials for the manned space shuttle. Volume 8: Mechanical and thermophysical properties of three reusable surface insulators	1973
19730066196	Evaluation of nonmetallic thermal protection materials for the manned space shuttle. Volume 9: Mechanical and thermophysical properties of oxidation-inhibited carbon/carbon composite material	1973
19730066197	Development of low cost space shuttle thermal protection materials in bulk form	1973
19730066202	Gas chromatographic determination of water in clay minerals (hygroscopic water)	1973
19730066204	Study for the modification and automation of existing DD-EDD ground support systems for space shuttle. Summary of electrical electronic and communications ground support systems plans	1973
19730066205	Heat transfer data to cavities between simulated RSI tiles at Mach 8	1973
19730066206	Research in aeronomy, 1 October - 31 March 1973	1973
19730066207	Delta fairing insulation and coating materials rain erosion tests: Subsonic velocities	1973
19730066208	Design and development of the GG1300AD02 laser gyro	1973
19730066210	Application of RL10 engine for space tug propulsion. Volume 1: Executive summary	1973
19730066211	The K, Rb, Sr, Ba and rare earth concentrations of samples recovered from the Soviet probe, Luna 20, from the region of the crater, Appolonius (lunar mountains)	1973
19730066212	Improvement of the QUICKTOP digital computer program (CHEBYTOP 3)	1973
19730066213	Summary of the Apollo lunar reflectivity program	1973
19730066214	Applicable documentation report for the long tank delta ITOS-E mission	1973
19730066215	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 1: Executive summary	1973
19730066216	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 2, book 1: Systems analysis and requirements	1973
19730066217	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 2, book 2: Automated payload and stage requirements data	1973
19730066218	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 3: Payload-shuttle interfaces	1973
19730066219	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 4: Mission support equipment	1973
19730066220	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 5: Operations	1973
19730066221	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 6: Task 8, payload design criteria spacecraft and stages	1973
19730066222	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 7: Selected mission description	1973
19730066223	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 8: Special emphasis analysis, DOD-Tug-DSCS-2	1973
19730066224	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 9: Special emphasis analysis for Standard Earth Observation Satellite (S/EOS)	1973
19730066225	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 10: Support data-cost, schedule, and SRT	1973
19730066226	Shuttle Orbital Applications and Requirements (SOAR), phase 2. Volume 11: Shuttle-payload interface safety-spacecraft, expandable stages, and reusable stages	1973
19730066227	Results of a static stability and control effectiveness investigation of a 0.004 scale 2A orbiter in the Marshall Space Flight Center trisonic wind tunnel (Mach equals 0.6 - 4.96)	1973
19730066229	Aerodynamic characteristics of the Rockwell International Orbiter OA3 at Mach numbers from 0.6 to 2.0	1973
19730066230	Aerodynamic characteristics of the Rockwell International-89B space shuttle orbiter configuration	1973
19730066231	Cross-wind loads investigation of a .01925 scale model of the ATP-SSV launch configuration	1973
19730066232	Hypersonic performance, stability and control characteristics of a 0.010 scale model of a Langley concept space shuttle orbiter (Lo-100)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066235	Aerodynamic results of separation tests in the Vought aeronautics 4 feet by 4 feet HSWT on a .0075 scale Rockwell International: ATP shuttle integrated vehicle, volume 2	1973
19730066236	Aerodynamic and flow-visualization studies on a space shuttle concept with a double-delta-wing orbiter at a Mach number of 20.3	1973
19730066238	Supersonic stability and control characteristics of a Langley concept space shuttle orbiter (LO-100) at Mach numbers of 1.5 to 4.63	1973
19730066239	Aerodynamic heating of a space shuttle double delta wing orbiter at Mach no. equals 8.0	1973
19730066240	Detailed test objectives for the extended long tank Delta launch vehicle, spacecraft: RAE-B, Supplement A	1973
19730066241	Space shuttle Attitude Control System (ACS) thruster penetration heating	1973
19730066242	Thermal profile of the DSV-3E-7 spacecraft fairing: AE-C mission	1973
19730066243	Thermal profile of the DSV-3P-7 spacecraft fairing: RAE-B mission	1973
19730066244	Programmer's manual for VIEW, a modification of the RAVFAC VIEW factor program for use with the NASTRAN thermal analyzer on IBM-360 series computers	1973
19730066245	Space shuttle: Aerodynamic and flow visualization studies associated with variations in the geometry of the forward portion of irregular planform wings at a Mach number of 20.3	1973
19730066247	Design studies of low cost propulsive lift aircraft	1973
19730066248	NASA Questol 1/5 scale model propulsion/acoustic test results. Volume 1: Propulsion	1973
19730066249	NASA Questol 1/5 scale model propulsion/acoustic test results. Volume 2: Acoustics	1973
19730066251	Analysis of a lateral directional airframe/propulsion system interaction (U)	1973
19730066252	Use of Maneuver Flaps to Enhance the Transonic Maneuverability of Fighter Aircraft (U)	1973
19730066253	Preliminary results from wind tunnel and flight tests of the YF-12 propulsion system (U)	1973
19730066255	Mixed function oxygenation of (plus) minus and (minus) minus hexobarbital and spectral changes of cytochrome P-450 in the liver of guinea pigs fed without L-ascorbic acid	1973
19730066256	Increase in skin circulation through isolated heating of the spinal cord on unanesthetized dogs	1973
19730066257	Effect of soluble fraction on the drug-metabolizing activity and the drug induced difference spectrum of liver microsomes	1973
19730066258	Gas chromatographic determination of water in clay minerals	1973
19730066259	Thermodynamic study on the interaction between proflavin and deoxyribonucleic acid. 2: Spectrophotometric study of dissociation of the DNA-proflavin complex	1973
19730066260	Thermodynamic study on the interaction between proflavin and deoxyribonucleic acid. Equilibrium dialysis study	1973
19730066261	Synthesis of organic substances from carbon dioxide in aqueous solution with Co60 gamma radiation and UV light	1973
19730066262	Design study of the television system for the large space telescope	1973
19730066263	Definition of a stellar tracking attitude reference system experiments for a communication/navigation research laboratory. Volume 1: Executive summary	1973
19730066264	Hurricane control plan, appendices	1973
19730066267	On the biological activity of the arid soils of Morocco	1973
19730066269	Development of a microwave interferometer position locator	1973
19730066273	Aerodynamic results of separation tests in the Vought Aeronautics 4 ft x 4 ft HSWT on a .0075 scale Rockwell International-ATP shuttle integrated vehicle, volume 1	1973
19730066274	Delta-80 Skynet-2 (Skynet-B)	1973
19730066275	Development of low cost space shuttle thermal protection materials in bulk form	1973
19730066276	A user's guide to the flexible spacecraft dynamics program-1	1973
19730066277	Space shuttle: Wind tunnel test of the 0.019 (040A) jet plume space shuttle integrated vehicle in the ARC 11 x 11 foot transonic wind tunnel	1973
19730066278	Space shuttle: Aerodynamic stability and control characteristics of a Langley concept space shuttle orbiter (LO-100) at Mach numbers of 0.35 to 1.2	1973
19730066279	Space shuttle: Aerodynamic characteristics of various aft-end configurations of the Rockwell International -89B space shuttle orbiter	1973
19730066280	Space shuttle: Surface roughness effects on the transonic aerodynamics of the Rockwell International 089B-139 orbiter	1973
19730066281	Space shuttle: Flutter tests (OS2) of the shuttle orbiter fin/rudder, model 24-0	1973
19730066282	Detailed test objectives for the extended long tank delta launch vehicle, spacecraft (Skynet 2A)	1973
19730066284	Lift fan V/STOL flight control systems development. Volume 2: Simulation experiment	1973
19730066286	Lift fan V/STOL transport flight control system development continuation. Volume 2: Analytical studies and display development	1973
19730066287	An analysis method for assessing the impact of aircraft noise reduction options	1973
19730066288	F-8 DFBW software control/management	1973
19730066289	Design and simulation of a foil bearing Brayton turbine alternator compressor (TAC)	1973
19730066290	Program report for a breadboard rechargeable silver-zinc battery conditioner/monitor unit and breadboard state-of-charge indicator	1973
19730066291	The circadian rhythm in aviation medicine	1973
19730066292	Normal values of serum uric acid determined by a new enzymatic uric acid color test, as related to age and sex	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066293	Diurnal fluctuations in thyroid hormones	1973
19730066294	Dextran as a medium for density gradient separation of red blood cells	1973
19730066295	Sweat depression during controlled hyperthermia in man. Effects on sweat rate and sweat electrolytes content	1973
19730066296	Anatomical and functional changes in joints and muscles during prolonged bed rest	1973
19730066297	Influence of bed rest duration on electrolyte metabolism in aged patients with special emphasis on peritrochanteric fractures of the femur and the neck of the femur	1973
19730066298	Study of electrocardiographic alterations induced by forced immobilization of rats against a background of experimental hypo and hyperthyroidism	1973
19730066300	Some problems appearing in the determination of water through gas chromatography. 3: Determination of crystallization water of some hydrates	1973
19730066301	Standard message formats for the interchange of digital data between the spaceflight Tracking and Data Network (STDN) and Goddard Space Flight Center	1973
19730066302	Electronic mail	1973
19730066306	Multiple shaped beam antenna study. Volume 2: Technical report	1973
19730066310	Monitoring atmospheric pollutants	1973
19730066311	Definition of a stellar tracking attitude reference system experiment for a communication/navigation research laboratory. Volume 2: Technical report. Volume 3: Detailed experiment definition. Volume 4: Design analyses and trade studies	1973
19730066312	Vacuum jacketed ducting technology investigation	1973
19730066313	Technology demonstration for an upper stage hybrid propulsion system	1973
19730066314	Space shuttle: Aerodynamic characteristics of a 142-inch diameter solid rocket booster (Configurations 89B and 139)	1973
19730066315	Testing of the Hamilton Standard Q-fan demonstrator (Lycoming T55-L-11A core engine, volume 1	1973
19730066316	Moldavites and tektites	1973
19730066317	Animal tracking satellite system study	1973
19730066318	ASOPS: Apollo Soyuz Orbital Procedures Simulation computer program users' guide	1973
19730066319	Results of investigation (0A18) of a 0.0405 scale model of the 2A and 3 space shuttle orbiter configurations in the North American aeronautical laboratory low speed wind tunnel at M equals 0.16 and 0.26	1973
19730066320	Static stability and control effectiveness of models 12-0 and 34-0 of the vehicle 3 configuration, volume 1	1973
19730066321	Combined loading criteria influence on structural performance: As applied to the SRM configuration	1973
19730066322	Design of dynamic model for investigating ground wind effects on space shuttle vehicle	1973
19730066323	Skylab consolidated instrumentation plan for SL-3	1973
19730066324	Detailed test objectives for the extended long tank Delta launch vehicle, spacecraft: WESTAR/ASC	1973
19730066325	Shuttle POGO stability analysis program. Volume 1: Theory manual	1973
19730066326	Thermal profile of the DSV-3P-7 spacecraft fairing: SMS-A mission	1973
19730066327	Flight report for Delta vehicle S/N 20002, Delta Program Mission No. 94, Spacecraft: TELESAT-B	1973
19730066328	Detailed test objectives for the extended long tank Delta launch vehicle, spacecraft: SMS-A	1973
19730066329	Design and fabrication of a dynamically scaled space shuttle ground wind loads model	1973
19730066330	Delta-83 Explorer-43 (IMP-1)	1973
19730066331	Atlas/Centaur-28 INTELSAT 4 (F4)	1973
19730066334	DOD space transportation system ground operations study. Volume 1: Executive summary	1973
19730066335	DOD space transportation system ground operations study. Volume 2: Functional analysis	1973
19730066336	DOD space transportation system ground operations study. Volume 3: Support resources	1973
19730066337	DOD Space Transportation System Ground Operations Study. Volume 4: Logistics plans	1973
19730066338	DOD space transportation system ground operations study. Volume 5: Life cycle costs	1973
19730066339	DOD space transportation system ground operations study. Volume 6: Implementation plan	1973
19730066340	Mechanics of fracture of low density composites under dynamic thermal loading	1973
19730066341	Development of methods for the dynamic analysis of flexible body/water interaction during water impact	1973
19730066342	The environmental Heat Flux Routine-Skylab version (EHFR-5)	1973
19730066344	Application of engineering cost analysis. Volume 1: Executive summary	1973
19730066345	Application of engineering cost analysis. Volume 2: Shuttle payload cost analysis	1973
19730066346	Application of engineering cost analysis. Volume 3, part 1: Engineering cost analysis	1973
19730066347	Application of engineering cost analysis. Volume 3 part 2: Engineering cost analysis	1973
19730066348	Application of engineering cost analysis. Volume 4: Appendices	1973
19730066349	Institute for Space Research, volume 2	1973
19730066354	F-8 digital fly-by-wire: Some observations	1973
19730066355	Performance of a Lift/cruise Propulsion System for a Navy V/STOL Fighter Aircraft (U)	1973
19730066356	An investigation of solar-cell-panel substrate deflected curvature as a spacecraft power system structural design parameter	1973
19730066357	The physico-chemical mechanism of thermal adaptation	1973
19730066358	Modifications to the vectorcardiogram upon immersion in the standing position	1973
19730066359	Blood volume receptors and neuro-hormonal of blood volume	1973
19730066365	Desynchronization	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730066366	Fluid Mechanic and Chemical Kinetic Effects of Water and Freon E-3 Injection into Re-entry Plasma Sheaths (U)	1973
19730066367	Procedure and assumptions for estimating VHF ranging system performance	1973
19730066368	Longlines communications guide Skylab	1973
19730066369	AWARE computer program users' manual	1973
19730066370	Spatial distribution of recombination in alloyed silicon P-S-N rectifiers with load in forward direction	1973
19730066371	A numerical solution for the transonic flow about blunt wedges	1973
19730066372	Vaneaxial fans: IMC P/N BT 2207V-1 and IMC P/N BT 3810V-6	1973
19730066373	Device fabrication BL54L68 with quartz overcoat	1973
19730066374	Development of theory and experiments to improve understanding of laser doppler systems	1973
19730066376	Production design and cost analysis of an aircraft collision hazard warning system	1973
19730066405	The generation and interpretation of electric propulsion mission analysis data	1973
19730066406	QUICKTOP 3: A computer program for low thrust trajectory and mass optimization	1973
19730066407	Delta 82 NATOSAT-2(NATO-B)	1973
19730066408	Delta-94-Telesat-B, flash flight report	1973
19730066409	Thermal profile of the DSV-3P-7 spacecraft pairing: WESTAR-A mission	1973
19730066410	ATLAS/CENTAUR-27 Pioneer 10	1973
19730066411	Skylab instrumentation calibration data. Volume 7: Saturn launch vehicle AS-208/SL-4 operational calibration data	1973
19730066412	Space shuttle orbiter guidance, navigation and control software functional requirements	1973
19730066413	Atlas/Centaur-30 Pioneer-11	1973
19730066414	Atlas/Centaur-22 Orbiting Astronomical Observatory-3	1973
19730066415	Delta-95 Explorer 49 (RAE-B)	1973
19730066416	Atlas/Centaur-29 INTELSAT 4 (F5)	1973
19730066418	Finite element modeling study using NASTRAN	1973
19730066419	Engineering drafting practices manual. Volume 2: Facilities	1973
19730066420	SESD semiannual progress report for period 1 January - 30 June 1973, volume 1	1973
19730066634	France: Nuclear, missile, and space developments, no. 337	1973
19730066811	Data analysis on the first three OGO satellites	1973
19730066815	Investigation of the possible origin of Pc3 micropulsations in magnetosheath fluctuations	1973
19730066821	Advanced space engine preliminary design	1973
19730067081	Liquid hydrogen turbopump rapid start program	1973
19730067090	Advanced space program studies	1973
19730067099	The influence of temperature on fatigue crack growth	1973
19730067100	Teleoperator technology applications for the handicapped	1973
19730067104	Robot computer problem solving system	1973
19730067106	Graduate study: Research program in aeronautics and air transportation systems	1973
19730067115	The effect of continuous low dose-rate gamma irradiation on cell population kinetics of lymphoid tissue	1973
19730067135	Monolithic catalyst beds for hydrazine reactors	1973
19730067141	Users guide: Ames inlet boundary layer program Mk 1	1973
19730067142	Dissolution of Ti-6Al-4V at cathodic potentials in 5N HCl	1973
19730067143	France: Nuclear, missile, and space development, no. 338	1973
19730067546	Lightweight vacuum jacket for cryogenic insulation	1973
19730067550	Advanced hydrogen/oxygen thrust chamber design analysis program	1973
19730067553	Thermodynamic properties of interstitial elements in the refractory metals	1973
19730067555	Crack propagation in multilayered plates and shells	1973
19730067556	Ground based planetary research	1973
19730067557	Physiological and developmental changes resulting from reduced gravitational force with animals chronically adjusted to centrifugal fields	1973
19730067558	Study of polarization for hydromagnetic waves observed at ATS-1	1973
19730067559	Automated Microbial Metabolism Laboratory	1973
19730067566	Theoretical investigation of xenon anomaly in carbonaceous chondrites	1973
19730067568	Correlative studies of Apollo 15 and 16 subsatellite magnetometer data with the Explorer 35 and lunar surface magnetometer data	1973
19730067569	Time exposure studies on stress corrosion cracking of aluminum 2219-T87, aluminum 7075-T651, and titanium 6Al-4V	1973
19730067571	Thermoelectric thin film thermal coating systems	1973
19730067572	Control optimization, stabilization and computer algorithms for space applications	1973
19730067574	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation	1973
19730067575	Definition research study	1973
19730067576	Topics in structural dynamics	1973
19730067578	Magnetic semiconductors	1973
19730067579	A theoretical and experimental study of the ionosphere using radio signals from earth satellites	1973
19730067586	Study of multilayered insulation pipe penetration	1973
19730067588	Space vehicle engine and heat shield environment review	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730067590	Investigation of propellant flow control system	1973
19730067591	France: Nuclear, missile and space developments, no. 340	1973
19730067592	Improved electroforming techniques	1973
19730067601	Low speed inducers for cryogenic upper stage engines	1973
19730067602	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation system	1973
19730067630	Fabrication and life testing of thermionic converters	1973
19730067631	Monthly Progress Report, January 1973	1973
19730067632	Quarterly Report, 1 September - 30 November 1972	1973
19730067633	N-heterocyclic compounds: Role in chemical evolution: Distribution in meteorites, and as products of spark discharge reactions	1973
19730067636	Optimization of Transonic Acceleration Performance for the YF-12C Airplane Using the Climb-dive Maneuver (U)	1973
19730067958	Annual report, 1 December 1971 - 30 November 1972	1973
19730067960	Thermal expansion compatibility of ceramic chip capacitors mounted on alumina substrates	1973
19730068005	Rocket probes for the F region	1973
19730068006	Hydrogen film cooling investigation	1973
19730068007	Low speed inducers for cryogenic upper stage engines	1973
19730068008	Vacuum jacketed composite lines	1973
19730068009	Electro-optical processing of phased array data	1973
19730068012	Progress Report, 1 January - 31 December 1972	1973
19730068014	Fluid dynamic and heat transfer problems of modern air breathing propulsive systems	1973
19730068016	High resolution study of the solar X-ray corona from Aerobee 170 rockets	1973
19730068017	Instabilities in fissioning plasmas as applied to the gas core nuclear rocket engine	1973
19730068029	France: Nuclear, missile, and space developments, no. 341	1973
19730068030	Japan: Nuclear, missile, space, and defense developments, no. 165	1973
19730068032	France: Nuclear, missile, and space developments, no. 339	1973
19730068033	Japan: Nuclear, missile, space, and defense developments, no. 164	1973
19730068040	Quarterly Progress Report, 1 November 1972 - 1 February 1973	1973
19730068041	Lunar motion analysis	1973
19730068042	Semiannual Status Report	1973
19730068043	Progress Report, January 1973	1973
19730068044	Analysis of auroral particle fluxes	1973
19730068048	Spectroscopic observations of the plants	1973
19730068049	Unified metabolism detector for Mars	1973
19730068051	Interplanetary space: A new laboratory for rarefied gasdynamics	1973
19730068055	Publications produced under NGL-05-018-044 but not previously forwarded to NASA	1973
19730068056	Cloud particle size measurements in the atmosphere of Venus	1973
19730068059	Aircraft noise reduction technology	1973
19730068060	Seven band scanning radiometer	1973
19730068062	Design, fabrication, testing, and delivery of shuttle heat pipe leading edge test modules	1973
19730068065	Integrated thruster assembly investigation	1973
19730068067	Electron microscopy services and research on flight experiment drosophila biology in space	1973
19730068070	Experimental investigation of combustor effects on rocket thrust chamber performance	1973
19730068071	An organic fiber/epoxy filament wound vessel for cryogenic propellants	1973
19730068072	Composite reinforced propellant tanks	1973
19730068073	Structures in a non-magnetic solar corona	1973
19730068079	Traffic model for the space shuttle	1973
19730068083	Feedline geyser suppression	1973
19730068688	Mechanical behavior of polycrystalline ceramics brittle fracture of SiC - Si3N4 materials	1973
19730068689	OPAP update	1973
19730068691	The measurement of lifetimes using beam-foil and beam-gas excitation	1973
19730068698	A study of celestial objects of high angular momentum	1973
19730068699	Centaur/shuttle integration study	1973
19730068700	Wall mounted heat exchanger characterization	1973
19730068702	Test evaluation of overwrapped pressure vessels	1973
19730068703	The solar atmosphere and the structure of active regions	1973
19730068704	Lunar studies	1973
19730068706	Hydrazine gas generator program	1973
19730068708	Advanced space engine preliminary design	1973
19730068709	An investigation of separate surface stability augmentation systems for general aviation aircraft	1973
19730068710	Cryogenic thin-metal lined PRD49-3 composite vessels	1973
19730068713	Space shuttle RCS engine	1973
19730068714	Space shuttle RCS engine, Bell model 8701	1973
19730068715	Advanced techniques for determining long-term compatibility of materials with propellants	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730068716	Investigation of propellant flow control system	1973
19730068718	Continuing data analysis of the AS and E grazing incidence of X-ray telescope experiment on the OSO-4 satellite	1973
19730068719	Development of a method for fabricating metallic matrix composite shapes by a continuous mechanical process	1973
19730068721	Theoretical study of scintillation of transionospheric radio signals	1973
19730068724	Lunar soil properties and soil mechanics	1973
19730068725	Research on flight director and autopilot design for turbulence penetration	1973
19730068726	Research on flight director and autopilot design for turbulence penetration	1973
19730068728	Lightweight vacuum jacket for cryogenic insulation	1973
19730068729	Monopropellant engine investigation for space shuttle reaction control system	1973
19730068730	Trace element analysis of mineral separates and determination of partition coefficients	1973
19730068731	Research on elastic stability of large shells	1973
19730068732	Properties of simple atoms and ions	1973
19730068733	Piloted simulation of the Boeing model R984-33 V/STOL research aircraft. Volume 3: Simulator specification, checkout, and test plan	1973
19730068736	Japan: Nuclear, missile, space, and defense developments, no. 166	1973
19730068737	Advanced hydrogen/oxygen thrust chamber design analysis program	1973
19730068738	Contract Quarterly Performance Report, 2 October 1972 - 31 December 1972	1973
19730068833	Full temperature range protective system for fastener areas of carrier based naval aircraft	1973
19730068897	Conduct an operational evaluation of the P-3C weapons systems (U)	1973
19730068926	Small angle electronic scan antenna (U)	1973
19730069127	Epidemiology of respiratory disease and suspended particulate size distribution	1973
19730069128	Theory of reliable systems	1973
19730069139	DC-9 safe bomb location study	1973
19730069141	Advanced space engine preliminary design	1973
19730069145	Design, manufacture and testing of zero-gravity condenser: Integration of evaporator, condenser, and auxiliary components	1973
19730069150	Investigation of the basic foundation of masers and lasers	1973
19730069151	Short-range intermolecular forces and high temperature gas properties	1973
19730069163	Feasibility study of a 110 watt per kilogram lightweight solar array system	1973
19730069166	Radio frequency interference measurement experiment for ATS-F	1973
19730069168	A study of the impact of space satellite technology on international institutions and American foreign policy	1973
19730069171	Rocket investigations of auroral zone disturbances	1973
19730069172	Application of the galerkin method in the design of stable liquid rocket motors	1973
19730069173	Development of autoclavable addition-type polyimides	1973
19730069174	Theoretical and experimental studies of atmospheric structure and dynamics, using high altitude chemical release, radio meteor and meteorological rocket network and other data	1973
19730069175	Semiannual Status Report, period ending 31 January 1973	1973
19730069176	Application of the matrix lattice for technical management to NASA bioresearch	1973
19730069177	The development of a model for predicting passenger acceptance of short-haul air transportation systems	1973
19730069178	Development of a position sensitive X-ray detector for use in a light weight X-ray diffractometer	1973
19730069179	Microwave studies of planetary atmospheres	1973
19730069180	Reynolds number and Mach number effect on space shuttle configurations	1973
19730069182	Definition research study	1973
19730069188	Extended temperature range ACPS thruster investigation	1973
19730069189	Advanced space engine preliminary design	1973
19730069192	Lamination residual stresses in fiber composites	1973
19730069193	Digital flight controller development	1973
19730069194	Integrated thruster assembly investigation	1973
19730069199	Cryogenic/high temperature structural adhesives program	1973
19730069200	Wall mounted heat exchanger characterization	1973
19730069202	Centaur/shuttle integration study	1973
19730069203	CO2 photodissociation and vibrational excitation in the planetary atmospheres	1973
19730069206	Design and development of polyphenylene oxide foam as a reusable internal insulation for LH2 tanks	1973
19730069208	Improved electroforming techniques	1973
19730069211	Studies related to the evolution of the lunar soil materials	1973
19730069212	Experimental investigation of combustor effects on rocket thrust chamber performance	1973
19730069213	Hydrogen film cooling investigation	1973
19730069216	Liquid hydrogen turbopump rapid start program	1973
19730069217	Resin/graphite fiber composites	1973
19730069224	Thermal performance of multilayer insulation	1973
19730069231	Aquatic studies and remote sensing of the upper Truckee River sediment plume in Lake Tahoe	1973
19730069232	Wave analysis capabilities Test Analysis section	1973
19730069234	Vacuum jacketed composite lines	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730069235	Lamination residual stresses in fiber composites	1973
19730069378	Technical evaluation of a solid-state multiplexer kit for interrogator set AN/UPX-23	1973
19730069391	Configuration development, test and evaluation of the expanded capability time temperature recorder and integrator for the F-8H/J airplane with J57-P-420 engine	1973
19730069392	Navy evaluation of the F-4J airplane wing leading edge slats high lift system	1973
19730069404	In-service investigation of the UACL model T400-CP-400 trailer mounted engine test stand, P/N 0600-10000-041	1973
19730069406	Sampling tests of one, type MS3319-1, nickel-cadmium battery, manufactured by Marathon Battery Company, under contract N00383-71-C-5772	1973
19730069418	Manufacturing methods for roll diffusion bonded stiffened skin structure	1973
19730069471	Static test firing of Minuteman first stage, LGM-30B operational motor S/N 0012147 operational self/service life program	1973
19730069480	Cost of ownership analysis of radio set AN/ARC-145	1973
19730069647	Air augmented hybrid target missile (U)	1973
19730069933	PCM-heat transfer improvement study	1973
19730069934	A thin polymer insulator for Josephson tunneling applications	1973
19730069938	Structural and spectral studies of sunspots	1973
19730069970	France: Nuclear, missile, and space developments, no. 344	1973
19730069971	France: Nuclear, missile, and space developments, no. 345	1973
19730069972	France: Nuclear, missile, and space developments, no. 346	1973
19730069973	France: Nuclear, missile, and space developments, no. 347	1973
19730069976	Study of nonequilibrium turbulent wall flow by the statistical method	1973
19730069977	Ignition of metals, lubricants, and contaminants in oxygen rich atmospheres	1973
19730069978	Test evaluation of overwrapped pressure vessels	1973
19730069979	Extended temperature range ACPS thruster investigation	1973
19730069982	Theoretical analysis of wave-particle interactions in the magnetosphere and solar wind	1973
19730069983	Convolutional coding techniques for data protection	1973
19730069984	The application of signal detection theory to optics	1973
19730069985	An experimental investigation of wind tunnel test limits for V/STOL type vehicles in wind tunnels with curved walls, supplement no. 5	1973
19730069986	Study of the flow near the foot of the weak shock terminating a region of supersonic flow	1973
19730069987	Research on high intensity combustion and NO sub x formation in a turbine engine combustor	1973
19730069989	Study of multilayered insulation pipe penetration	1973
19730069990	France: Nuclear, missile, and space developments, no. 343	1973
19730069991	France: Nuclear, missile, and space developments, no. 342	1973
19730069992	Semiannual report	1973
19730069993	An investigation of improved control methods for light and general aviation aircraft	1973
19730069994	Elemental abundances in meteoritic and terrestrial matter	1973
19730069995	Technical consulting services for earth resources program	1973
19730069996	Behavior of nozzles and acoustic liners in three dimensional acoustic fields	1973
19730069997	Investigation of propellant flow control system	1973
19730069999	Integrated thruster assembly investigation	1973
19730070000	Experimental investigation of combustor effects on rocket thrust chamber performance	1973
19730070001	Japan: Nuclear, missile, space, and defense developments, no. 167	1973
19730070004	France: Nuclear, missile, and space developments, no. 342	1973
19730070067	Investigation of gamma rays from the galactic center	1973
19730070068	Verification of environmental tests for radio set AN/TRC-97A	1973
19730070126	SAM-D engineering development status. Volume 1: Narrative summary	1973
19730070148	Production quality assurance testing of a Minuteman 3 LGM-30G stage 2 rocket motor at simulated pressure altitude (motor S/N PQA6-58)	1973
19730070157	Qualification of XAS-2354 aircraft turbine engine candidate oil, Shell WRGL-358	1973
19730070176	Static stability characteristics of the pave rock 2.75-inch-diameter rocket with biconic and ogive noses at Mach numbers from 0.3 to 2.0	1973
19730070272	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment in the T-34B airplane	1973
19730070291	A 1.06 micron avalanche photodiode	1973
19730070320	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-12	1973
19730070359	Test and evaluation of organizational and intermediate Ground Support Equipment (GSE) for model T58-GE-8, -10 turboshaft engines	1973
19730070360	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the T-39D airplane	1973
19730070372	Effect of prestress on low cycle fatigue of HY-130 steel	1973
19730070373	Vertical position, gas metal pulsed current welding of alloy titanium	1973
19730070375	S-3A launcher for Mk84 underwater sound signal and Mk25 marine location marker	1973
19730070397	Humidity qualification test report for scan converter and display system: IP - 1077/APQ - 109 (V), IP - 1078/APQ - 109 (V), C - 8809/APQ - 109 (V)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070426	Techniques and Circuits for Optical Signals (TACOS). Task 3: Circuit design, appendix	1973
19730070442	Infrared radiation enhancement of the exhaust plume of a liquid-propellant rocket engine operating in a simulated flight environment	1973
19730070452	Simulated altitude performance of Mark II reentry vehicle spin and pitch motors having ages from 73 to 109 months	1973
19730070510	F-111 supersonic formation bombing (U)	1973
19730070516	Design and evaluation of advanced fighter configurations (U)	1973
19730070532	Future equipment requirements for drop zone/landing zone operations (U)	1973
19730070534	Aircraft structural fatigue life program (U)	1973
19730070536	Airborne METRRA transmit slot antenna and flight tests (U)	1973
19730070543	IOT and E of the AN/TPB-1A ground directed bombing system (U)	1973
19730070546	Wind tunnel tests of a 0.06-scale B-1 model at Mach numbers from 0.55 to 2.20, phase 2 (U)	1973
19730070550	Countermeasures installation of KC-130F aircraft (U)	1973
19730070554	Stress analysis of a reinforced thin-shell pressure vessel added section penetrated by cylindrical tubes (U)	1973
19730070568	An investigation of external burning propulsion for the 75 mm projectile (U)	1973
19730070569	Thermally stable burning rate accelerators (U)	1973
19730070570	Flight test report for the NUH-2C helicopter/Sparrow 3 demonstration program (U)	1973
19730070579	DLG/DLGN communications effectiveness (U)	1973
19730070702	Ultraviolet radiation from the plume of a rocket engine at simulated flight conditions (U)	1973
19730070707	Conduct an assessment of the AN/SQR-15(XN-1) passive sonar system (U)	1973
19730070722	Development of manufacturing methods for a compatible family of injected beam crossed-field amplifiers (U)	1973
19730070740	Plume data analysis and basic studies (U)	1973
19730070751	Predicted SPARROW 3 (AIM-7F) lethality against Soviet air threat (U)	1973
19730070763	Wake detection system (U)	1973
19730070765	QRC-73-01/EC-47Q: Follow on OT and E (U)	1973
19730070774	IR source development and manufacturing methods study (U)	1973
19730070805	Combat hunter, phase 2 (U)	1973
19730070813	Special optical countermeasure techniques: Laboratory and field studies (U)	1973
19730070904	Radiation induced photoconductivity in germanium, silicon, and gallium arsenide	1973
19730070905	Optimum design of structures of composite materials in response to aerodynamic noise and noise transmission	1973
19730070906	Water impact analysis of space shuttle solid rocket motor by the finite element method	1973
19730070907	Environmental testing of Closed Pore Insulation (CPI). 1: Arc jet testing	1973
19730070908	Basic research and data analysis for the National Geodetic Satellite program and for the Earth and Ocean Physics Applications program	1973
19730070909	An interfaced system for production of methane in a spacecraft	1973
19730070910	Theoretical and experimental studies of the nature and characteristics of space-related plasma resonance phenomena	1973
19730070911	Spaceflight tracking and data network study program	1973
19730070914	Digital adaptive flight controller development	1973
19730070927	Advanced space engine preliminary design	1973
19730070929	Radioactivities in returned lunar materials	1973
19730070930	Composite reinforced propellant tanks	1973
19730070931	Interfacing the user to the large data base	1973
19730070932	The stability of motion of satellites with cavities partially filled with liquid	1973
19730070933	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation system	1973
19730070938	Fluid dynamic aspects of jet noise generation	1973
19730070939	Gamma-ray observations of the galactic-center region	1973
19730070941	Status Report, 1 April - 30 September 1972	1973
19730070942	Bimonthly Progress Letter, 19 January - 18 March 1973	1973
19730070943	Investigation of the possible origin of Pc3 micropulsations in magnetosheath fluctuations	1973
19730070944	Summary of Discussions and Actions, Twenty-Seventh Meeting Aeronautics and Space Engineering Board, 15-16 February 1973	1973
19730070945	High resolution spectroscopy in support of ATM experiments	1973
19730070946	Physiological and developmental changes resulting from reduced gravitational force with animals chronically adjusted to centrifugal fields	1973
19730070947	Hydrazine gas generator program	1973
19730070949	Research in the many-particle theory of nuclear systems with application to neutron star matter	1973
19730070951	Isomer effects on polyimide properties	1973
19730070952	Basic research in meteorology and atmospheric physics	1973
19730070953	Semiannual progress report, 1 October 1972 - 1 April 1973	1973
19730070954	The Apollo 15 lunar samples	1973
19730070955	Advanced space engine preliminary design	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730070956	Study of compatibility of Agena upper stage with space shuttle	1973
19730070957	Advanced hydrogen/oxygen thrust chamber design analysis program	1973
19730070958	Lightweight vacuum jacket for cryogenic insulation	1973
19730070959	Studies of impact resistance of fiber composite blades used in aircraft turbine engines	1973
19730070960	Liquid hydrogen turbopump rapid start program	1973
19730070966	Advanced space engine preliminary design	1973
19730070967	Lightweight vacuum jacket for cryogenic insulation	1973
19730070970	Improved electroforming techniques	1973
19730070973	Cryogenic thin-metal lined PRD 49-3 composite vessels	1973
19730070975	Lamination residual stresses in fiber composites	1973
19730070976	Flame retardant polyphosphazenes	1973
19730070977	France: Nuclear, missile, and space developments no. 348	1973
19730070978	Automated microbial metabolism laboratory	1973
19730070979	Space shuttle RCS engine, Bell model 8701	1973
19730070980	A re-examination of the chemistry of electrons in pure air hypersonic wakes	1973
19730070981	An organic fiber/epoxy filament wound vessel for cryogenic propellants	1973
19730070982	Method for structural design at elevated temperatures	1973
19730070983	Monopropellant engine investigation for space shuttle reaction control system	1973
19730070984	Fracture control design methods	1973
19730070985	GEOP (Geodesy/solid-Earth and Ocean Physics) research conferences	1973
19730070986	Testing of improved polyimide actuator rod seals at higher temperatures and vacuum conditions for use in advanced aircraft hydraulic systems	1973
19730070987	Flame retardant polly phosphazenes	1973
19730070988	Wall mounted heat exchanger characterization	1973
19730070989	Basic failure mechanisms in advanced composites	1973
19730070990	High performance ambient heat pipes	1973
19730071033	Composite reinforced propellant tanks	1973
19730071044	Aitken Crater and its environs	1973
19730071047	France: Nuclear, missile, and space developments, no. 349	1973
19730071048	France: Nuclear, missile, and space developments, no. 350	1973
19730071057	Generation of long time creep data on refractory alloys at elevated temperatures	1973
19730071063	Hydrogen film cooling investigation	1973
19730071110	C3 lot verification test. Semiconductor, diode, fast switching, silicon, diffused, glass	1973
19730071116	Methods for testing whether several multivariate normal distributions are identical	1973
19730071127	Sampling tests of one, type MS90365-1, nickel-cadmium aircraft battery, manufactured by Gulton Battery Corporation, under contract N00383-71-C-5767	1973
19730071128	Sampling tests, one, type MS 18045-44, nickel cadmium battery, manufactured by Marathon Battery Company	1973
19730071155	Cathode-driven, high gain, crossed-field amplifier	1973
19730071257	Solid state semiconductor brushless motors	1973
19730071284	Flow control by cross jet	1973
19730071285	A CNI systems prerequisites/capabilities for instrument landing	1973
19730071286	Covert night panoramic photographic system	1973
19730071289	Engineering evaluation of EMP Electronics, Incorporated, P/N PS-304, 250 VA, single phase, static inverter	1973
19730071315	Information processing/data automation implications of Air Force command and control requirements in the 1980s CCIP-85. Volume 7: Technology trends: Integrated design	1973
19730071345	Busy hour model modifications program description report	1973
19730071380	Investigation of optimum passive shock isolation systems	1973
19730071381	Averaged equations of cumulative-laser heating of the plasma focus, taking into account the heat of thermonuclear fusion	1973
19730071382	ACLS certification on USS Coral Sea (CVA-43)	1973
19730071383	Mathematical models of chemical industry processes	1973
19730071385	Investigation of electron-beam ionization control in a continuous CO2 laser discharge	1973
19730071387	KS-87 12-inch lens modification support test	1973
19730071390	Experimental investigations of ionization instabilities in molecular laser discharges	1973
19730071391	Electronics. Recombination current in Schottky diodeS	1973
19730071393	Automated ultrasonic crack follower for fatigue studies	1973
19730071394	Qualification tests for aircraft lighting equipment (Symbolic Displays, Incorporated P/N 700248, retractable landing light)	1973
19730071395	Evaluation of the interaction of can sealant materials with MIL-L-23699 lubricants	1973
19730071396	Pusher plate ablation study	1973
19730071399	Polar Fox 2: Experimental phase (summer Data)	1973
19730071400	NRA subsystem evaluation test report 4.3.3.1, system compatibility: Command and status processing, squadron data processing	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071401	NRA subsystem evaluation test report 4.3.3.9, message processing	1973
19730071403	Reliability test report for C-4453/APQ-100 and C-6410/APQ-109 radar indicator control units	1973
19730071405	Laser Obstacle Terrain Avoidance Warning System (LOTAWS)	1973
19730071406	C-5A aircraft live flight support test operations, Harper Lake, California	1973
19730071408	A technique for determining the radius of action for a tactical fighter aircraft	1973
19730071409	The developmental accelerated service test of the J57-P-420 engine	1973
19730071417	Control interface for systron donner 80H analog computer	1973
19730071419	NRA subsystem evaluation test report 4.3.3.19, transmission link characteristics	1973
19730071420	NRA subsystem evaluation test report 4.3.3.18, effects of nodal delays and bit attrition	1973
19730071424	Carbon/carbon performance in a rocket nozzle	1973
19730071426	Second surveillance of under seat rocket motor mk 54 mod 0	1973
19730071427	Solid propellant binders	1973
19730071429	Low electrical field characteristics of piezoelectric ceramic rings	1973
19730071431	First German radio nuclide battery in operation	1973
19730071436	Scientific papers resulting from Canadian space and upper atmosphere research, 1968 - 1972	1973
19730071439	Evaluation of updated Mk 3 Mod 6 SINS module test set (MOTS), S/N 142	1973
19730071441	Aging and surveillance test of a Bell Aerospace Company propulsion system rocket engine at simulated altitude, system S/N A4V0308	1973
19730071445	Flight test handling qualities of the X-24A lifting body	1973
19730071449	Radiation escape from an optically thick plasma	1973
19730071452	Solar collector thermal power system (SCTPS)	1973
19730071458	Vehicle intrusion sensor	1973
19730071461	Changes in bioelectrical activity of the brain during experimental hyperoxy	1973
19730071463	Comparison test of standard and modified TER-9A on the F-4	1973
19730071466	Support of solar research and improvement in photoheliographic and spectrographic observations of the sun at the McMath-Hulbert Observatory	1973
19730071468	France: Nuclear, missile, and space development no. 351	1973
19730071469	France: Nuclear, missile, and space development, no. 352	1973
19730071471	Materials research	1973
19730071473	Space cell test program	1973
19730071474	Quarterly Progress Report, 15 January - 14 April 1973	1973
19730071475	Quarterly Report, January - March 1973	1973
19730071476	Research on spacecraft electrical power conversion	1973
19730071477	Application of ultrasonic signature analysis for fatigue detection in complex structures	1973
19730071478	Research in solar ultraviolet spectroscopy	1973
19730071479	Infrared spectra of molecules and materials of astrophysical interest	1973
19730071480	Design, manufacture, development, test, and evaluation of boron/aluminum structural components for space shuttle	1973
19730071481	Wave height measurements with a correlation radar	1973
19730071482	Research on flight director and autopilot design for turbulence penetration	1973
19730071483	Semiannual status report	1973
19730071484	Astronomy in the region 1-0.1 mm wavelengths	1973
19730071485	A study of gas solubilities and transport properties in fuel cell electrolytes	1973
19730071486	Centaur/shuttle integration study	1973
19730071488	Digital flight controller development	1973
19730071489	Jovian satellite eclipse study 3: Analysis of continuum channel light curves	1973
19730071490	Vacuum jacketed composite lines	1973
19730071491	Study of multilayered insulation pipe penetration	1973
19730071492	Technology transfer-transportation	1973
19730071493	Monopropellant engine investigation for the space shuttle reaction control system	1973
19730071494	Quasi-optimum digital phase-locked loops	1973
19730071495	Centaur/shuttle integration study	1973
19730071496	Flame retardant polyphosphazenes	1973
19730071497	Design and development of polyphenylene oxide foam as a reusable internal insulation for LH2 tanks	1973
19730071500	Stresses in ablating heat shields	1973
19730071501	A comparison of printing facilities using ERTS photography	1973
19730071508	Space shuttle orbit maneuvering engine reusable thrust chamber. Engine test plan	1973
19730071539	Influence of aeroelastic effects on the design and production of the pitch damping device and automatic pilot of a supersonic transport aircraft	1973
19730071540	Recommendations of the Thermodynamics working group for a uniform utilization	1973
19730071541	A study of airplane spin	1973
19730071544	Suitability of plastic retaining ring for use in the Dragon warhead section	1973
19730071552	At-sea environmental data and sensor performance analysis	1973
19730071553	Determining the suitability of oxidation catalysts for purifying the atmospheres of nuclear submarines	1973
19730071557	Characterization of the naturally occurring particulates in the marine atmosphere: Trial one data summary	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071562	Test and evaluation of an improved generator for the F-8 ram air turbine driven emergency power package	1973
19730071563	Test and evaluation of radar altimeter AN/APN-194(V) interchangeability with radar altimeter AN/APN-141(V)	1973
19730071565	AN/SSQ-53 two stage floclerator system qualification tests	1973
19730071574	Theoretical and experimental study of a ramjet with mixed combustion (flight range Mach 3.5-7)	1973
19730071575	Separation trajectories of various munitions when released from the A-7D aircraft at Mach numbers from 0.33 to 0.95	1973
19730071606	Results of a ballistic range test program to evaluate thermochemical ablation of graphite nose tips (U)	1973
19730071613	Radar air-to-air missile guidance element program. Volume 1: Introduction and summary (U)	1973
19730071614	Antenna system gross resistance measurements at the Navy VLF transmitting station, Cutler, Maine (U)	1973
19730071615	Radar air-to-air missile guidance element program. Volume 2: Testing and analyses (U)	1973
19730071619	Ferrite RAM (U)	1973
19730071622	Terrain following controller flight test (U)	1973
19730071624	Laser designator/tracker system (U)	1973
19730071655	Concept analysis of outboard electronics for submarines (U)	1973
19730071656	Modification of propellant binders (U)	1973
19730071659	AIM-7F Navy technical evaluation: Final flight-test report (U)	1973
19730071660	S-band active integrated module (U)	1973
19730071661	Infrared verification seeker (U)	1973
19730071666	The investigation of new liquid monopropellants (U)	1973
19730071696	OT and E of F-111 weapons delivery methods (U)	1973
19730071729	Engineering flight test report for the E-1B test bed aircraft, BUNO 148915 (U)	1973
19730071750	TD and E of F-111 weapons delivery methods and tactics (U)	1973
19730071752	Initial operational test and evaluation of the EA-6B (EXCAP) tactical electronic warfare aircraft (U)	1973
19730071753	Optical collection and evaluation, supplement 1 (U)	1973
19730071773	AIM-7F simulation studies (U)	1973
19730071778	Special Emission Data Acquisition System (SEDAS) phase D (U)	1973
19730071790	Analysis of passive ranging algorithm (U)	1973
19730071803	A camouflaged parabolic antenna for operation at two separated resonant frequencies (U)	1973
19730071817	RIVET HASTE - phase 2 (U)	1973
19730071826	Ion implanted epitaxially grown ZnSe	1973
19730071827	NASA-Texas planetary program	1973
19730071828	Analysis of auroral particle fluxes	1973
19730071829	Milestone plan: A correlation of ocean surface parameters with radar backscattering data and theory	1973
19730071830	Technical consulting services for earth resources program	1973
19730071831	France: Nuclear, missile, and space developments, no. 353	1973
19730071832	Unified metabolism detector for Mars	1973
19730071833	Cryogenic research and development	1973
19730071835	Structural studies on carbon materials for advanced space technology	1973
19730071837	Quarterly Progress Report, 1 February - 1 May 1973	1973
19730071838	Progress Report, July 1972 - February 1973	1973
19730071839	Control optimization, stabilization and computer algorithms for aircraft applications	1973
19730071841	Progress Report	1973
19730071842	Space shuttle RCS engine	1973
19730071844	Low speed inducers for cryogenic upper stage engines	1973
19730071846	Advanced hydrogen/oxygen thrust chamber design analysis program	1973
19730071849	Development of a reversible storage medium and of a directly driven membrane page composer	1973
19730071850	Noninvasive Measurement of Central Venous Pressure	1973
19730071851	Delta 93 Nimbus-E/Nimbus-5 flash flight analysis report	1973
19730071852	TRW plasma wave experiment for the IMP-H mission	1973
19730071853	Process development of beam-lead silicon-gate COS/MOS integrated circuits	1973
19730071854	Electro-optical processing of phased array data	1973
19730071857	France: Nuclear, missile, and space development no. 354	1973
19730071858	Optimization of aircraft structures to satisfy aeroelastic requirements	1973
19730071860	ISIS-1 soft particle spectrometer	1973
19730071861	Japan: Nuclear, missile, space, and defense developments, no. 168	1973
19730071862	Half year report, 1 November 1972 - 1 May 1973	1973
19730071863	Spaceflight tracking and data network study program	1973
19730071887	Hypersonic lateral and directional stability characteristics of a delta-wing orbiter with body-mounted twin tails	1973
19730071888	Preliminary evaluation of atmosphere pollution by reentry of a space shuttle vehicle	1973
19730071890	Robot computer problem solving system	1973
19730071894	Space shuttle orbit maneuvering engine reusable thrust chamber test program	1973
19730071918	A-7 aerial banner towing, tow adapter development and testing	1973
19730071922	Semiannual single-element funding status report, missile technology. Volume 6: Research for missiles	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730071927	Simulated altitude performance of five thiokol chemical corporation TE-344 Titan 2 retromotors having ages from 117 to 118 months	1973
19730071936	A fixed format message entry device with electronic storage and editing	1973
19730071938	A computerized method of obtaining behind the target data from orthogonal flush radiographs	1973
19730071939	Modeling techniques for multiconductor cables: Theory and practice	1973
19730071941	Initial production test of transponder set test set AN/APM-239A	1973
19730071944	Research in optical materials and structures for high-power lasers	1973
19730071949	Low angle tracking investigation	1973
19730071951	F-4 power distribution panel evaluation	1973
19730071952	AMF electrosystems G-7087 current transformer test	1973
19730071953	First article testing E and G industries P/N CR3-200-28B transformer rectifier disconnect relay	1973
19730071955	The optimum number of sampling stations and the sampling frequency for surveying urban air pollution	1973
19730071956	IOT and E of stabilized strike camera system	1973
19730071957	Investigation of mechanical to electrical conversion system	1973
19730071961	TRACE helicopter test program	1973
19730071965	Countermeasures set AN/ALQ-129	1973
19730071966	The image problem in a monopulse receiver	1973
19730071967	AWADS radar data recorder	1973
19730071969	High pressure transducer	1973
19730071971	Techniques used in aeroelasticity for the aircraft representation in flight	1973
19730071973	Validation flight test	1973
19730071974	Evaluation of a digital technique for testing pulse amplitude modulation receiving systems	1973
19730071975	TF34-GE-2 engine, power extraction evaluation	1973
19730071978	Tactical landing system development program	1973
19730071987	The application of mathematical research methods of the solution of technological problems in welding	1973
19730071988	Subminiature broadband filters	1973
19730071989	Non-specular radar cross section study	1973
19730071991	Expanded service test of electronics shop, transportable, AN/TSM-126	1973
19730071992	USAF Armament Laboratory wind tunnel test facility instrumentation modernization	1973
19730071993	Design and evaluation of a fluidic hot gas, high pressure interface (jet pipe configuration)	1973
19730071994	High repetition rate metal vapor lasers, phase 1	1973
19730071995	Material problems in rocket construction	1973
19730071998	Transmission of water vapor through sealants. Part 5: Some additional silicone sealants	1973
19730072000	A comprehensive ambient noise bibliography	1973
19730072001	Parametric study of the conical shock tube	1973
19730072002	Abrasion resistance of radome coatings overcoated with weather resistant finishes	1973
19730072005	Ground surveillance radar AN/PPS-15	1973
19730072007	Systems test report of residual flight tests, Mark 12 in SAGE/BUIC	1973
19730072008	Digital interface code converter	1973
19730072011	Aerodynamic methodology (isolated fins and bodies)	1973
19730072013	Simulation of the man-machine air-to-air gunnery process	1973
19730072014	Phenolic foam for the thermal protection of ordnance	1973
19730072031	High temperature resistant elastomers or compliant polymers	1973
19730072033	Improved target drone AQM-37A propulsion system	1973
19730072034	Tactical landing system development program	1973
19730072038	Post-1980 facilities control concept study	1973
19730072041	Acquisition and tracking performance evaluation	1973
19730072042	Advanced radar topographic application	1973
19730072044	Sonar R and D technology analyses	1973
19730072045	AAFIS advanced avionic fault isolation system	1973
19730072047	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the EC-130 airplane	1973
19730072049	Steerable parachutes	1973
19730072053	Estimate of the correlation among tolerance to positive accelerations in the Z axis, results of functional tests, and the development of some motoric qualities	1973
19730072054	Physiological effects of hypokinesia	1973
19730072055	Relationship between the fundamental motoric qualities and the resistance of the organism to the action of positive accelerations in the Z axis	1973
19730072056	Influence of accelerations on the organism	1973
19730072066	MAC/ARRS operational effectiveness evaluation of pave low TA/TF system	1973
19730072069	A human performance investigation in a NAVORD weapon system, part 1	1973
19730072070	Rocket and missile warhead survivability in fire	1973
19730072071	AH-1G/AH-1J attack helicopter lateral maneuvering evaluation	1973
19730072072	Wide-band recorder/reproducer performance characteristics	1973
19730072074	Simulation analyses of DCA switched networks	1973
19730072076	Verification testing of radio test set AN/URM-148(XN-2)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072078	System interface maintenance problems on interrogator set AN/TPX-42A	1973
19730072079	Drop zone marker validation test for C-141 aircraft	1973
19730072080	Wide angle laser beam steering	1973
19730072081	ABC program final development test report for the light pipeablation sensor	1973
19730072082	Elevated temperature and pulsed electron beam effects on low cycle fatigue of beryllium	1973
19730072083	Electrical system standards analysis	1973
19730072087	Aging and surveillance testing of a Minuteman LGM-30F stage 2 rocket motor at simulated pressure altitude (motor S/N AA20030, designation OP-16)	1973
19730072088	Preservation procedures for Type C Mark 11 steam catapults and associated equipment in inactive ships, revision A	1973
19730072109	LAMPS aircraft rotation and traversing development with the MacTaggart Scott Company, Limited winch system at the elevated fixed platform	1973
19730072111	Frequency selection guidance for operating USMC VHF/FM tactical communications equipment	1973
19730072114	Evaluation of the CRC Jet Fuel Thermal Oxidation Tester (JFTOT)	1973
19730072118	VHF monolithic filters	1973
19730072119	Nondestructive testing of concrete pavements: Equipment evaluation	1973
19730072121	UHF structure with improved thermal capability	1973
19730072122	Performance characteristics of magnesium-manganese dioxide/nickel cadmium hybrid system	1973
19730072123	Terrain reflectivity measurements using an experimental gallium arsenide laser terrain sensing device	1973
19730072124	Test report on modified electronic binocular and formation marking light kit for night formation flight of Army helicopters	1973
19730072125	Weldability of IN-768	1973
19730072126	Surveillance of standard arm expansion cone desiccant (drawing number 2445341)	1973
19730072127	Procedures for converting antenna coupler groups AN/SRA-38, 39, or 40 to an AN/SRA-49 configuration	1973
19730072128	F-M spectral purity measurement of pulsed and C-W microwave sources	1973
19730072129	Octave bandwidth optical modulator	1973
19730072135	Laboratory subsystem performance evaluation 1	1973
19730072141	Induced plasticization, a surface treatment technique for extending the environmental capability of solid propellant rocket motors	1973
19730072142	J79 cold start test with low smoke combustor	1973
19730072143	Altitude test of the aerojet subscale heavyweight controllable solid propellant rocket motor (MICOM-1)	1973
19730072145	Production quality assurance testing of a thiokol minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-101	1973
19730072146	T53 product support and component improvement programs	1973
19730072147	Computerized elastic and inelastic buckling analysis for hydrostatically loaded ring-stiffened cylinders with intermediate heavy frames	1973
19730072150	Equipment reliability-test analysis of radio set AN/ARC-145	1973
19730072156	Interfacing the HSDS to a minicomputer	1973
19730072157	Mechanical properties of HY-100 steel heavy forgings, thick plates, castings, and mismatched weldments	1973
19730072158	Standardization of spectrum analyzers, tasks B and C	1973
19730072159	Integrated circuits for airborne and portable communications	1973
19730072160	Production engineering measure for a high power, fast switching silicon controlled rectifier	1973
19730072161	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1973
19730072162	Studies in the marginal ice zone of the Chukchi and Beauford Seas	1973
19730072163	State of the art survey of meteorological instrumentation required to determine atmospherical effects on airborne laser tests	1973
19730072164	Aging and surveillance testing of a Minuteman LGM-30F stage 2 rocket motor at simulated pressure altitude (motor S/N AA20078, designation OP-15)	1973
19730072165	Production engineering measure, crystal unit CR-(XM-69)/U and CR-(XM-70)/U	1973
19730072166	Service test of aerial recovery kit	1973
19730072169	Analyses of orbit stability and fuel requirements for two systems of synchronous satellites	1973
19730072171	Secure regenerative repeater (HYL-X)	1973
19730072173	Studies on an isotopic CO2 laser LOPAIR system	1973
19730072190	C3 PAT lot verification test. Resistor, fixed, metal film, precision, molded or dipped, .05 -.10 watt	1973
19730072194	Supplemental expanded service test of field artillery missile system (Lance)	1973
19730072197	Evaluation of laser tracker Yuma Proving Ground, Arizona 85364, October 1972	1973
19730072203	Qualification of the AMF, Incorporated external power monitor P/N CSV-1367-23	1973
19730072214	Summary of AIM-7E-2 engineering flight tests, government lot acceptance test program, contract N00019-69-C-0358 (U)	1973
19730072215	Transonic characteristics of variable wing designs. Volume 1: Program overview (U)	1973
19730072216	Transonic characteristics of variable wing designs. Volume 2: Technical discussion (U)	1973
19730072217	Development of HTPB propellant for ballistic missiles (U)	1973
19730072221	Service life listings and surveillance status of propulsion devices and auxiliary power systems, revision 1, change 2 (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072223	Evaluation of leading-edge flap effectiveness on a wing with conventional of supercritical profile at transonic speeds (U)	1973
19730072232	Verification of A-7D operational flight program (U)	1973
19730072237	Navy Pave Knife carrier suitability/technical evaluation (U)	1973
19730072261	Development of HTPB propellants for air launched missiles (U)	1973
19730072262	Terminal guidance study of thrust vector controlled short range missile (U)	1973
19730072265	Advanced low altitude techniques, ADLAT 6 (U)	1973
19730072267	Infrared image test program: Variable analysis (U)	1973
19730072268	Operational testing and evaluation of the F-111F (U)	1973
19730072269	Conduct a concurrent evaluation of the AN/SPS-52B radar system (U)	1973
19730072279	Critical experiments rearward launch semi-active laser missile guidance (U)	1973
19730072281	Evaluation of personnel and training requirements for the C-9B aircraft (U)	1973
19730072285	Evaluation of personnel and training requirements for the E-2C aircraft (U)	1973
19730072286	Fleet validation of the AH-1J aircraft personnel planning data (U)	1973
19730072288	Sea control Lead Ship (LS) aviation system integrated logistic support plan (AILSP SCS LS) (U)	1973
19730072294	Ideal gas base pressure measurements on blunt-cylinder-flare and conical configurations at Mach 7.5 (U)	1973
19730072299	Title is classified	1973
19730072300	Investigation of LAMPS (Light Airborne Multi-Purpose System) reliability, maintainability and supply support (U)	1973
19730072302	Terminal homing rapid impact anti-armor projectile (TRAP) concept study (U)	1973
19730072306	AN/SQS-23 sonar beaconing evaluation (U)	1973
19730072308	Microfiche emergency destruct system (U)	1973
19730072315	Graphic or optical information processing (information sciences series) (U)	1973
19730072323	Tracking performance of an SRI contrast tracker (U)	1973
19730072324	Hellfire tradeoff study: Dual mode versus dual load (U)	1973
19730072326	Store loads test on 7.5 percent scale AIM-7F missiles attached to an F-15 model at transonic Mach numbers, phase 4 and 5 (U)	1973
19730072327	AN/SQS-26 Mod sonar program solid state power supply (U)	1973
19730072330	A wind tunnel investigation of the static stability and control characteristics of an ASD BGM-34B drone model with external stores (U)	1973
19730072331	Air-to-ground target identification using stabilized optics (U)	1973
19730072340	Store loads test of a 7.5 percent scale AIM-7 missile attached to an F-15 model at transonic Mach numbers phases 1, 2, and 3 (U)	1973
19730072341	Summary of FY-71 nuclear weapons effects experimental results (U)	1973
19730072342	Improved packaging of towed array electronics (U)	1973
19730072352	Conduct an operational evaluation on the AH-1J weapons system and provide weapons delivery data and training/support data (U)	1973
19730072354	Ballistic development of a high performance nonhypergolic bipropellant gun system (U)	1973
19730072367	Development of demonstration intensifiers with high performance 3-5 photocathodes (U)	1973
19730072374	Conduct an operational appraisal of the integrated flagship data system and conduct an operational evaluation of integrated flagship data system components (U)	1973
19730072385	Improved binders for propellant application (U)	1973
19730072386	Mechanical interference due to subsection vibration responses within the SPARROW 3 target seeker (U)	1973
19730072395	DICASS sonobuoy AN/SSQ-62(XN-4) (U)	1973
19730072437	Report of the Technical Review Meeting on the Proposed ARC-1 (Auroral Radiation Control) Satellite Program (U)	1973
19730072464	Radar cross section measurements (U)	1973
19730072465	Passive airborne ranging techniques. Part 5: Ground tests (U)	1973
19730072493	Optical countermeasures data collection and analysis (U)	1973
19730072498	Passive radiation multimode guidance (U)	1973
19730072505	ALQ-94/low altitude radar altimeter evaluation (U)	1973
19730072513	Supportive communications ECM (U)	1973
19730072516	Conduct a concurrent evaluation of the AN/SPS-52B radar system, supplement (U)	1973
19730072532	Integrated thruster assembly investigation	1973
19730072533	Galactic and extragalactic infrared line	1973
19730072534	X-ray and XUV astronomy and infrared astrophysics	1973
19730072535	Finite element shell instability analysis	1973
19730072536	Monthly report, period ending 1 May 1973	1973
19730072538	Review 1972	1973
19730072539	Effect of shielding on blast loading of circular cylinders	1973
19730072546	Centaur/shuttle integration study	1973
19730072563	Spaceborne intensifier radiometer for imaging ultraviolet spectroscopy (SIRIUS)	1973
19730072564	Diazo printing lamphouse	1973
19730072567	Sidewinder baseline cook-off tests. Missiles cook-off program	1973
19730072568	Solution burner for weather modification: Advanced development of an airborne jet seeder	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072570	LSI MOS circuits for radar	1973
19730072571	Wideband digital UHF same frequency repeater	1973
19730072572	Engineering test of the aerial recovery kit	1973
19730072579	Evaluation of the adhesive bonding processes used in helicopter manufacture. Part 6: Evaluation of improved titanium surface preparations by bond durability studies	1973
19730072580	Performance prediction and analysis of a shorebased aircraft recovery system by mathematical model computer simulation. Proposal no. 4. The capstan/nylon rope system	1973
19730072581	Dynamic stability characteristics in pitch, yaw, and roll of a 0.024-scale B-1 model at Mach numbers from 0.55 to 2.20	1973
19730072582	NRA subsystem evaluation test report 4.3.2.5 OGE processing, clear exit mode	1973
19730072583	Approaches to custom large scale integration	1973
19730072584	Development testing at simulated pressure altitude of an extendible nozzle cone for a Minuteman 3 LGM-30G stage 3 rocket motor S/N 0000263	1973
19730072586	Manufacturing methods for low cost rare earth-cobalt magnets	1973
19730072587	Flight evaluation of the wideband recorder/reproducer	1973
19730072589	Laser distance measurement of artificial earth satellites at Ondrejov Observatory	1973
19730072590	Semiannual single element funding status report, missile technology. Volume 8: Structures	1973
19730072593	Flow visualization photographs of a yawed tangent ogive cylinder at Mach number 2	1973
19730072596	TRACE helicopter test program	1973
19730072597	Effect of aircraft cleaners on the specification polyurethane paint system MIL-C-817-73	1973
19730072598	Computer assisted naval applications of holography	1973
19730072600	NRA subsystem evaluation test report 4.3.2.10, EMP detection, circumvention reset	1973
19730072603	Initial production test of the Pershing 1A power station guided missile system, AN/TJQ-9	1973
19730072604	A 15-digit parallel size 11 optical encoder	1973
19730072605	VHF/FM homing antenna test report for specially configured UH-1H Army aircraft	1973
19730072614	Development of reliable sleeve seals for high-pressure, oil-free air compressors	1973
19730072616	Technical evaluation of electronically scanned TACAN antennas (ITT Avionics ESTA)	1973
19730072619	Oxidation and hot-corrosion characteristics of several recently developed nickel-base superalloys	1973
19730072620	Turboshaft engine investment Cost Estimating Relationship (CER)	1973
19730072623	Reliability engineering: Reliability design analysis technique development	1973
19730072629	Work effort file update program	1973
19730072630	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors	1973
19730072631	Engineering evaluation of Bendix Corporation P/N 39B 169-3-A, 1000 VA, single phase, low input voltage, static inverter	1973
19730072635	Transistorized RF power amplifier and driver for receiver transmitter, RT-524/VRC	1973
19730072637	Gallium arsenide technology. Volume 1: Crystal growth and material properties	1973
19730072638	Gallium arsenide technology. Volume 2: Wafer processing	1973
19730072643	Research investigation related to chemical lasers	1973
19730072644	Feasibility study of shielded metal arc welding of HY-180 steel	1973
19730072645	Near-field and fresnel zone directive antenna coupling program	1973
19730072646	Normal gravity in the 1967 geodetic reference system	1973
19730072648	Background material for AN/TPN-19 landing control central system test planning	1973
19730072649	Electrolytic oxygen generator development program	1973
19730072650	An analysis of sound ray focusing	1973
19730072652	Evaluation report for integrated catapult system	1973
19730072653	Exploratory and advanced development programs, progress reports for first third of fiscal year 1973	1973
19730072655	Frequency-doubled, single-frequency neodymium YAG laser	1973
19730072656	Parachute design	1973
19730072657	Ilyushin IL-18	1973
19730072658	Low-noise GaAs field-effect transistor X-band amplifier development	1973
19730072666	High powered sound system AN/UIQ-10 (XLW-1)	1973
19730072670	Aircraft related lighting mechanisms	1973
19730072671	Normalized testing techniques to determine turbine engine stability margins	1973
19730072673	Aging and surveillance testing of an Aerojet Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude motor S/N AOP-2	1973
19730072677	Development of miniature traveling wave tubes for airborne phased arrays	1973
19730072684	Initial production test evaluation of technical manuals for Forward Area Alerting Radar (FAAR) system	1973
19730072691	J57 product support program	1973
19730072693	Monitor control console program	1973
19730072694	Metal organic vapor study	1973
19730072696	J75/JT4 product support program	1973
19730072697	Review of dielectrics and switching	1973
19730072701	Conceptual design of composite V/STOL tactical fighter	1973
19730072703	High Mach exhaust nozzles program	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072705	Station keeping equipment (SKE) drop zone marker validation	1973
19730072712	Improved Nomex flight suit	1973
19730072713	Verification testing of electronic counter AN/USM-207B	1973
19730072714	Titan 2 reliability and Aging Surveillance Program (RASP)	1973
19730072725	Preflight inspection C-141	1973
19730072734	Engineer design test of rough terrain tactical air cargo loader	1973
19730072738	TF30 product support program	1973
19730072739	J52 product support program	1973
19730072740	TF33/JT3D product support program	1973
19730072741	J48 Product support program	1973
19730072742	J34 product support program	1973
19730072743	The feasibility of using a CO2 laser in the neutralization of improvised explosive devices	1973
19730072744	Absorption measurements of the 10.4 micron region using a CO2 laser and a spectrophone	1973
19730072745	Investigation of the reduction of thermal stability of fuel by copper contamination on aircraft carriers	1973
19730072757	Thermally unstable polymers	1973
19730072760	Dynamic air-to-model: Version 1, (DATAM 1)	1973
19730072762	Geometric effects in carbon-carbon nose tip materials for high bending loads	1973
19730072763	KC-130F airplane NATOPS obstacle approach/angle of attack evaluation	1973
19730072764	Test and evaluation of computronics model AN/URM-25K series A154 signal generator	1973
19730072765	Linear integrated electronic arrays	1973
19730072766	Expanded service test of lightweight and cold weather jackets of aviation flight clothing system under Arctic winter conditions	1973
19730072769	Design study of a flat plate digital display subsystem for synthetic aperture radar applications	1973
19730072771	Lithium battery with inorganic electrolyte	1973
19730072774	TAC microfilm subsystem (TAMICSS) baseline implementation	1973
19730072775	Radio frequency isolators	1973
19730072776	Integrated diode phase shifter/driver development	1973
19730072778	Half-wave center-fed antenna and foreshortened center-fed antenna for 160 MHz to 176 MHz	1973
19730072779	Evaluation tests of solar model T62T-36 auxiliary power unit	1973
19730072782	A simplified propagation model for laser system studies	1973
19730072783	Technical evaluation of decoder group AN/UPA-59A(V)	1973
19730072785	UH-46D and CH-46D/F external cargo hook system safety analysis	1973
19730072790	Guidelines for advanced VP vehicle concept formulation study (U)	1973
19730072791	Lightning study for the XM-50 firing system (U)	1973
19730072794	The nonlinear parametric interaction variable delay line (U)	1973
19730072795	Semiannual single-element funding status report missile technology. Volume 4: Propulsion (U)	1973
19730072796	AN/AAS-27 advanced low altitude infrared reconnaissance sensor (U)	1973
19730072799	RPV applications in the Navy. Volume 1: Overview (U)	1973
19730072800	RPV applications in the Navy. Volume 4: Appendix (U)	1973
19730072803	Dot injection program (U)	1973
19730072807	A computer program for simulation and effectiveness evaluation of avionics for military aircraft, volume 2 (U)	1973
19730072811	Rework monitoring tests of Sidewinder AIM-9D/G missile MK 18 Mod 1 and 2 guidance and control groups lots 7 through 16 (U)	1973
19730072812	Evaluation of personnel and training requirements for the T-28B/C aircraft under the advanced training command (U)	1973
19730072834	Signal exploitation experiments: Analysis and design (U)	1973
19730072836	QRC-523 countermeasures set (U)	1973
19730072847	Acoustic-electromagnetic interaction (U)	1973
19730072850	Hyperballistic range tests of a high performance reentry configuration (RVTO-3B), phase 2 (U)	1973
19730072851	Upgraded optical countermeasure pod study (U)	1973
19730072853	Automatic ECM selection by on board processor (AESOP) (U)	1973
19730072867	Advanced weapon delivery radar system definition study (U)	1973
19730072882	Active illuminator and receiver options for aimpoint selection and precision tracking (U)	1973
19730072886	Techniques research for countermeasures against advanced interceptor systems (U)	1973
19730072896	A study of command, control, and communications for unmanned air vehicles in tactical air operations. Volume 1: Phase 1 study report (U)	1973
19730072897	A study of command, control and communications for unmanned air vehicles in tactical air operations. Volume 2: Phase 2 study report (U)	1973
19730072898	A study of command, control and communications for unmanned air vehicles in tactical air operations. Volume 3: Executive summary (U)	1973
19730072902	MASSTER 5 test report. Annex E: Electronic warfare (U)	1973
19730072910	The stability of motion of satellites with long flexible appendages	1973
19730072911	Rocket and laboratory studies in aeronomy and astrophysics	1973
19730072913	Preliminary analysis of a Saturn atmospheric entry probe	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730072920	AC-30 data evaluation guide	1973
19730072922	Apollo/Saturn 5 Launch Complex 39 maintenance (liquid oxygen system) Skylab 2 modification	1973
19730072923	Facility measuring and hazards monitoring support of SL-1 CDDT and launch countdown	1973
19730072925	Progress report, 1972	1973
19730072926	Interaction studies in superconductivity	1973
19730072927	Advanced techniques for determining long-term compatibility of materials with propellants	1973
19730072928	Processing and properties of polyimide and pyrrone composites	1973
19730072929	Vacuum jacketed composite lines	1973
19730072930	Low speed inducers for cryogenic upper-stage engines	1973
19730072931	Low speed inducers for cryogenic upper-stage engines (design review), phase 2	1973
19730072932	Hydrazine gas generator program	1973
19730072933	Study of compatibility of Agena upper stage with space shuttle	1973
19730072934	Study of compatibility of Agena upper stage with space shuttle	1973
19730072935	Lightweight vacuum jacket for cryogenic insulation	1973
19730072936	Low speed inducers for cryogenic upper-stage engines	1973
19730072939	Vacuum jacketed composite lines	1973
19730072940	Cryogenic thin-metal lined PRD 49-3 composite vessels	1973
19730072944	Influence of gaseous hydrogen on metals	1973
19730072947	Forward production of charged secondaries	1973
19730072953	Radar ground clutter strengths at Canadian forces' flying base	1973
19730072958	Preliminary studies of vertical shear	1973
19730073010	The effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 12: Adhesive bonding of copper	1973
19730073011	Simultaneous heat and mass transfer in processes of periodic drying and humidifying of a solid	1973
19730073014	Operating procedures for bare base electrical power system contactor control cubicles, tactics addendum	1973
19730073016	Product improvement of antenna matching coupler CU-942B	1973
19730073017	Production engineering measures for the PP-6075()/U thermoelectric power source	1973
19730073019	SAM-D engineering development status. Volume 1: Narrative summary	1973
19730073020	Environmental sensitivity of structural metals: Liquid metal embrittlement	1973
19730073022	Individual motor report M55A1 Minuteman operational quality assurance rocket motor QA-1204, 0013795	1973
19730073024	Prototyping and testing of a cabin fire extinguishing system for the model E-2 airplane	1973
19730073026	Propagation delay time for HF signals	1973
19730073027	Low cost air traffic control experiment	1973
19730073032	Laboratory subsystem performance evaluation	1973
19730073035	Fleet management system study age/maintenance indicators and age/utilization indicator relationships, CH-47 systems	1973
19730073036	Digital preprocessor for DRP applications	1973
19730073037	REMBASS frequency synthesizer, phase 1	1973
19730073041	IOT and E of stabilized strike camera system	1973
19730073042	Countermeasures research	1973
19730073044	IQT and E of the AN/PRC-104 HF/SSB manpack radio set	1973
19730073051	Double resonance	1973
19730073056	Strain sensitive cable investigation	1973
19730073058	Maintenance plan for recognition set AN/ASX-2	1973
19730073059	C-5A boron slat service evaluation report	1973
19730073061	A simplified method for determining coefficients of heat transfer in a laminar flow	1973
19730073062	Laser applications in computers and data processing	1973
19730073063	NAMAR and short NAMAR for pod shock data during weapon separation	1973
19730073066	Evaluation of modified motional pickup transducers TR-168/WSQ-3	1973
19730073067	Investigation of gas breakdown with micron wavelength radiation	1973
19730073071	Development of aircraft engine oil corrosion test method	1973
19730073072	Theoretical performance of simple and complex lithium compounds in hybrid engines. Part 1: Simple lithium compounds	1973
19730073078	Evaluation of a variable area T-burner for metallized propellants	1973
19730073079	Hardened solar power system	1973
19730073081	Applied optics research report	1973
19730073082	Low visibility whip antenna	1973
19730073083	Hermetic microwave circuit packages	1973
19730073084	Techniques for subnanosecond logic	1973
19730073085	Demonstration test of a Bell Aerospace Company propulsion system rocket engine at simulated altitude, system S/N A4 V0506	1973
19730073086	Heat transfer tests using thermographic phosphor paint on the High Altitude Supersonic Target (HAST) missile at Mach number 4	1973
19730073088	Production engineering measure for 25 mm intensified diode array camera tube	1973
19730073089	Terrain surveillance model and method of digital computer analysis for investigating terrain screening	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073091	US Army Combat Developments Command experimentation Command (USACDCEC) Hunter Liggett Military Reservation, Fort Ord, California, 16-17 October 1972	1973
19730073092	Electromagnetic field probes	1973
19730073096	Expanded temperature service test of lightweight and cold weather jackets of aviation flight clothing system less durability and maintainability	1973
19730073097	Exploratory development of non-aqueous, high rate batteries	1973
19730073098	Manufacturing methods for cocuring advanced composite materials	1973
19730073099	Hardened solar power system	1973
19730073100	ATMAC UHF ground-air/air-ground digital data link preliminary design and test effort	1973
19730073101	Vibration and temperature survey production UH-1H helicopter	1973
19730073102	Experimental programmable modem	1973
19730073104	Susceptance of a round-hole iris	1973
19730073108	CVD development projects	1973
19730073110	Summary of test projects and activities 1972	1973
19730073111	At-sea evaluation of a Mark 19 MOD 3C gyrocompass on board the USS COMPASS ISLAND AG-153	1973
19730073114	Development and evaluation of a prototype monitor for ground support fuel handling equipment	1973
19730073117	Force tests on spherical bomblet magnus rotors a Mach numbers 0.2 through 2.5	1973
19730073119	Conduct a concurrent evaluation of the central atmosphere monitoring system, MK I	1973
19730073120	Liquid film smoke scrubber: A feasibility study	1973
19730073121	Qualification testing of the 1, 2, 2-1/2, 3, 4, 5, 7-1/2, 10, 15, and 20 ampere, MS3320 circuit breakers manufactured by mechanical products	1973
19730073123	Production engineering measure for LSI circuits for light emitting diode displays	1973
19730073125	Mobile sonar technology information bank	1973
19730073126	Analysis and digital simulation models for CLGP Texas Instruments, Incorporated, Design	1973
19730073130	Bistable conducting materials	1973
19730073131	A study of the thermal boundary layer of the ocean	1973
19730073132	A6A-A6E/TRAM	1973
19730073133	Manufacturing methods for high strength - high modulus glass fiber	1973
19730073135	Manpack thermoelectric generator	1973
19730073136	Standardization of spectrum analyzers	1973
19730073137	Evaluation of a forced-air-cooled battery manufactured by Marathon Battery Company	1973
19730073138	Impaction efficiency of cylindrical collectors in laminar and turbulent fluid flow. Part 2: The interception effect	1973
19730073154	Bomb crater damage to runways	1973
19730073155	Angular vibration effects on a telescope system	1973
19730073163	Human Engineering Laboratory laser countermeasures field study, Fort Knox, Kentucky, 25-30 September 1972	1973
19730073167	A user's manual for the calculation of the wave resistance of an air-cushion vehicle by the method of L. J. Doctors on the CDC 6700 computer	1973
19730073169	Parachute recovery systems for XM517 projectile development	1973
19730073170	Tradeoffs among weapon aerodynamic stability, trajectory perturbations, and F-4 aircraft performance	1973
19730073171	Test and evaluation of Lawrence electronics model AN/URM-25(), ser. 1 signal	1973
19730073176	Personnel and training requirements for the rocket launching system MK-28, Mods 2, 3, and 4	1973
19730073182	Sound ranging radio data link system AN/GRA-114 (XE-1, XE-2), volume 3	1973
19730073183	Sound ranging radio data link system AN/GRA-114 (XE-1, XE-2), volume 4	1973
19730073196	Attack helicopter: Clear night defense. Phase 1: (USACDEC experiment 43.7). Volume 3, supplement 1: AN/MPQ-4A radar system operational test	1973
19730073197	Attack helicopter: Clear night defense. Phase 1: (USACDEC experiment 43.7). Volume 3, supplement 2: Reduced glare canopy side experiment	1973
19730073200	A computer program for simulation and effectiveness evaluation of avionics for military aircraft, volume 1	1973
19730073204	Probable and average properties of ATT-S(WS) graphite	1973
19730073205	Exploratory development of a high frequency single and double integrating fluidic computer. Volume 2: Digital accelerometer	1973
19730073207	Integration of Analysis Task 1. Volume 4: Subtask 3: Maintenance doctrine	1973
19730073208	SAM-D engineering development status. Volume 1: Narrative summary	1973
19730073209	Process for manufacturing miniature aluminum flueric integrated circuits	1973
19730073210	A computer code for dynamic stress analysis of media-structure problems with nonlinearities (SAMSON). Volume 1: Theoretical manual	1973
19730073211	MISTY north manganin gage experiment. Volume 1: Gage design and fabrication	1973
19730073214	Impaction efficiency of cylindrical collectors in laminar and turbulent fluid flow. Part 3: Experimental	1973
19730073215	Command, control, and communications for unmanned air vehicles in tactical air operations. Volume 4: Modifications/Improvements Evolutionary Program (MIEP)	1973
19730073218	Conic model CTS-02S FM telemetry transmitter spectrum utilization characteristics	1973
19730073222	Effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 13: Adhesive bonding of 7075 T6 aluminum	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073224	Semiannual single-element funding status report missile technology. Volume 9: Sensors	1973
19730073225	Semiannual single-element funding status report, missile technology. Volume 11: Nuclear weapons effects	1973
19730073226	Feasibility study of single stage to orbit vehicle. Volume 1: Executive summary	1973
19730073227	NRA subsystem evaluation test report 4.3.2.3, LF hardware integration - OGE/AVE integration - local mode	1973
19730073228	Wing 3/5 end item performance evaluation figure A 10768	1973
19730073229	Wing 3/5 end item performance evaluation figure A 1506	1973
19730073230	NRA subsystem evaluation test report 4.3.3.11, launch control facility loss of synchronization and resynchronization	1973
19730073236	Reliable integrated wire termination devices	1973
19730073237	An investigation of automatic identification of acoustic and seismic sources	1973
19730073238	Production engineering measure for non-reserve disposable zinc-air battery BA-558()/U	1973
19730073239	Pulse gating laser beams	1973
19730073241	Optical matched filtering for missile guidance	1973
19730073242	Task 2 damper magnet caging mechanism development	1973
19730073252	AWADS OT and E under actual Instrument Meteorological Conditions (IMC)	1973
19730073254	Flight test of the 621B NAVSAT system	1973
19730073258	Multipath simulation without radio frequency delay devices	1973
19730073276	An experimental investigation of squeeze film hydrodynamics	1973
19730073279	A thermal source model from sputter calculations	1973
19730073280	Extended range developers	1973
19730073283	Flight tests of gated, low-light-level television for search and rescue	1973
19730073284	Evaluation of self-generated contamination in hydraulic sampling valves	1973
19730073285	Advanced electron device technology	1973
19730073287	Middle gust V free-field data report	1973
19730073288	A study of the Virene reliability growth model	1973
19730073340	Phonon imprisonment studies	1973
19730073341	Additional temperature testing of Raychem cable (PN 10483) and rsn 314 fission counters to determine the source of BPN observed during recent Raychem cable tests	1973
19730073344	Precision graphics at Sandia Laboratories, Albuquerque, New Mexico	1973
19730073347	Operation and calibration procedures Vibration Data Acquisition System (VDAS)	1973
19730073348	Results of AS-512 facilities and environmental measurements	1973
19730073350	Technical consulting services for earth resources program	1973
19730073351	A study of the coaxial-submerged free jet	1973
19730073352	Summary of the activity in plasma physics at the University of Iowa, from June 1972 to the present	1973
19730073353	Development of a statistical theory of turbulent, chemically reacting flows with application to supersonic combustion	1973
19730073354	Stress and altered gaseous environments as alterants of the immune response	1973
19730073355	Semiannual status report, 1 November 1972 - 30 April 1973	1973
19730073358	Centaur/shuttle integration study	1973
19730073359	Integrated thruster assembly investigation	1973
19730073362	Extended temperature range ACPS thruster investigation	1973
19730073366	A study of X-ray emission from galactic and extragalactic sources with emphasis on soft and ultra-soft wavelengths	1973
19730073368	Southwest Research Institute assistance to NASA in biomedical areas of the technology utilization program	1973
19730073370	Skylab 2 launch mission rules (SA-206/CSM-116)	1973
19730073371	Semiannual Status Report, 1 October 1972 - 31 March 1973	1973
19730073372	Multidisciplinary research leading to utilization of extraterrestrial resources	1973
19730073379	Development of high reliability, high frequency power conditioning models of converter-regulators	1973
19730073380	Radio frequency interference measurement experiment for ATS-F	1973
19730073384	Cryogenic thin-metal lined PRD 49-3 composite vessels	1973
19730073385	Spaceflight tracking and data network study program	1973
19730073386	Lightweight vacuum jacket for cryogenic insulation	1973
19730073387	Investigation of the difficulties associated with the use of lead telluride and other 2-4 compounds for thin film thermistors	1973
19730073392	Space cell test program	1973
19730073397	Wall mounted heat exchanger characterization	1973
19730073401	Integrated thruster assembly investigation	1973
19730073402	Study of multilayered insulation pipe penetration and thermal acoustic oscillations	1973
19730073414	Titan/Centaur proof flight PRD	1973
19730073415	Acoustic energy effects on sleep and human performance	1973
19730073421	Calculation of the pressure distribution, lift and drag on aerofoils at subcritical conditions. Part 1: Interim method	1973
19730073476	A matched filter for nuclear magnetic resonance spectra	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073480	Test evaluation report: TOW weapon system, qualification test program for the redesigned TOW instructor console cable	1973
19730073488	Sound radiation from an elastic tube in a viscous medium	1973
19730073489	Preproduction demonstration testing of model AQM-23A missile target (contract N00019-71-C-0250)	1973
19730073495	Shelf/service life tests of Fairfield Scientific Corporation MXU-35/A igniters used on AIR-2A (GENIE) rockets	1973
19730073496	Production engineering measure for improvement of techniques to increase the reliability for ceramic isolation capacitors for integrated circuits	1973
19730073497	The Raman spectrum	1973
19730073500	An investigation of fused silica composites for improvement of ablation and rain erosion resistance, and an alternate method for manufacture of fused silica radomes	1973
19730073503	Silicon on sapphire circuit technology	1973
19730073514	Qualification tests for aircraft lighting equipment (Symbolic Displays, Incorporated, P/N 7146, anticollision strobe lights)	1973
19730073516	Transmission properties of bi-planar loaded slot arrays	1973
19730073519	Analytic mathematical models of tactical military communications channels	1973
19730073520	High efficiency linear SSB power amplifier	1973
19730073525	Production engineering measure for ion-implanted integrated circuits	1973
19730073526	Pb-SnTe single crystals	1973
19730073527	CV-3034/G analog-digital converter	1973
19730073528	Direct thrust measurements on an electrostatic gas discharge ion thruster	1973
19730073529	Attack helicopter - clear night defense. Phase 1. (USACDEC experiment 43.7). Volume 1: Executive summary	1973
19730073530	Attack helicopter - clear night defense. Phase 1. (USACDEC experiment 43.7). Volume 2: Main report	1973
19730073531	Designing to system performance/cost/effectiveness	1973
19730073534	TAC participation in MARRES DT AND E	1973
19730073535	IOT and E of the modular airborne fire fighting system	1973
19730073536	OT and E of F-111 weapons delivery methods	1973
19730073540	Low cost small turbine engine component development. Volume 1: Engine design	1973
19730073541	Computer techniques for the rapid flutter clearance of aircraft carrying external stores. Part 1: Perturbation theory and applications	1973
19730073542	Computer techniques for the rapid flutter clearance of aircraft carrying external stores. Part 2: Documentation of data retrieval system and perturbation program	1973
19730073546	Multisegment mirrors	1973
19730073550	Target classification and tracking program objectives and performance goals	1973
19730073562	The development of the methodology for fabrication of arrays of large volume. High purity germanium gamma ray detectors	1973
19730073563	X-band radar reflectivity measurements of natural ground planes	1973
19730073564	The current situation and future prospects of reinforced plastics	1973
19730073568	Weapon system 133B. Static-test firing of second stage wing 6 minuteman motor 52 PQA6-60	1973
19730073569	NRA subsystem evaluation test report 4.3.3.2. System compatibility: Command and status processing, operator initiated interrogations	1973
19730073571	Overall and component performance and stability characteristics of two overhauled J57-F-21A turbojet engines	1973
19730073575	Unsteady drag from free-field blast waves	1973
19730073580	Production engineering measure for improved reliability of subminiature metallized polycarbonate capacitors	1973
19730073581	Production quality assurance test of a Bell Aerospace Company PN A4 V0647 PQA-13	1973
19730073582	Coupled auxiliary power unit/environmental control system concept	1973
19730073583	Certification of ACLS (automatic Carrier Landing System) equipment aboard USS Forrestal CVA-59	1973
19730073584	Flight test evaluation and calibration of AIMS-airborne ATRCBS equipment for the CH-53D helicopter	1973
19730073588	Cumulative-laser heating of two-temperature plasma with consideration of recovery of thermonuclear energy	1973
19730073592	Investigation of AIMS system compatibility with radar set AN/FRN-36	1973
19730073593	A further development in electrical power sources for Naval mines. The converter applied to the Mk 57 mine anchor	1973
19730073597	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF) Charleston Naval Shipyard	1973
19730073621	Conduct an operational evaluation of the P-3C weapons system (U)	1973
19730073633	Experimental AT/AV mine detection program (U)	1973
19730073634	Low-cost Solid-state L-band 3-D radar (U)	1973
19730073636	Fiscal year 1974 Air Force Armament Laboratory technical objective document (U)	1973
19730073638	AN/SQS-26 sonar equipment settings for bottom bounce search (U)	1973
19730073639	Report on multisensor integration study (U)	1973
19730073641	Comparison of measured LORAN-C signals with predicted values based upon direct rocket measurements of the electron density (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073644	Conventional anti-combatant ship tactics for attack aircraft concerning night flare illumination with Mk 33 Mod 1 Zuni flare (U)	1973
19730073646	Evaluation of personnel and training requirements for the TA-4J aircraft under the advanced training command (U)	1973
19730073647	Direct ranging Loran (U)	1973
19730073650	Erosion mechanisms and improvement of graphitic materials. Volume 3: Thermochemical and micromechanical erosion of graphite (U)	1973
19730073651	PCDE propellant studies (U)	1973
19730073655	Aircraft structural fatigue life program (U)	1973
19730073660	Analysis of airborne METRRA data (U)	1973
19730073661	Advanced panoramic reference imagery for Scene Matching Area Correlator (SMAC) (U)	1973
19730073662	Air Force technical objective document (U)	1973
19730073663	Rivet Redskin OT and E (U)	1973
19730073664	Sprint blast survivability program (U)	1973
19730073667	Variance frequency processor (vehicle rejection modification) (U)	1973
19730073676	Reflectivity studies of naval radar targets (U)	1973
19730073677	Evaluation of personnel and training requirements for a 25 aircraft T-28C training squadron (U)	1973
19730073681	Evaluation of personnel and training requirements for a 40 aircraft TF-9J training squadron (U)	1973
19730073682	OT and E the F-111D and MK 2 avionics, phase 2 (U)	1973
19730073683	Static test firing of the AGM-22B (SS-11) rocket motor (U)	1973
19730073685	Microelectronic warfare system (MEWS), phase 2 development (U)	1973
19730073686	PAVE SPIKE follow on IOT and E (U)	1973
19730073687	Advanced development effort on a dispersion technique (U)	1973
19730073688	High resolution semiactive radar seeker (HISARS) (U)	1973
19730073691	Integrated Observation System (IOS) 2 (U)	1973
19730073694	PCDE propellant for ballistic missiles (U)	1973
19730073696	Vulnerability analysis of the J65 turbojet engine (U)	1973
19730073701	OT and E of F-111A TFR constant guard V (U)	1973
19730073702	Initial production test of improved Hawk air defense guided missile system (U)	1973
19730073704	Evaluation of the Charger Blue equipment installed in F-4 aircraft (U)	1973
19730073714	Combat Sage. PACAF weapon system evaluation program (U)	1973
19730073715	Combat Sage. PACAF weapon system evaluation program (U)	1973
19730073716	Combat Sage. PACAF weapon system evaluation program (U)	1973
19730073722	Analysis of M2-6 airborne optical data (U)	1973
19730073725	Rivet Haste phase 2. Annex A: Combat tree three (U)	1973
19730073729	Development of a half octave X-band traveling wave tube amplifier (U)	1973
19730073735	Modular guided glide bomb seek glide test (DT and E/IOT and E) (U)	1973
19730073736	Lower sideband study, mathematical model and learn software (U)	1973
19730073737	Metal oxidation in a vacuum tank (U)	1973
19730073745	Air Force Avionics Laboratory technical objective document, part 2 (U)	1973
19730073748	Combat Sage. PACAF weapon system evaluation program (U)	1973
19730073755	Polar Fox 1 program (U)	1973
19730073780	AEW antenna program. Part 5: ATCS/R evaluation (U)	1973
19730073790	High temperature resistive films for radar absorbing materials (U)	1973
19730073802	Numerical stability of the equations of motion in the TAOSS 1 computer code	1973
19730073804	France: Nuclear, missile, and space development no. 355	1973
19730073805	France: Nuclear, missile, and space developments no. 356	1973
19730073806	An investigation of separate surface stability augmentation systems for general aviation aircraft	1973
19730073807	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1973
19730073808	Synthesis and characterization of polyamino acids prepared under prebiotic atmospheres from prebiotic proportions of amino acids	1973
19730073809	Ion implanted infrared sensor arrays	1973
19730073811	Test evaluation of overwrapped pressure vessels	1973
19730073816	Space shuttle RCS engine, Bell model 8701	1973
19730073817	Nondestructive evaluation of regenerative chambers	1973
19730073822	Shuttle support for shuttle avionics integration laboratory: Work plan	1973
19730073823	France: Nuclear, missile, and space developments no. 358	1973
19730073836	Extended temperature range ACPS thruster investigation	1973
19730073837	Finite element solution of boundary value problems with non-removable singularities	1973
19730073838	Flight assessment of an optimised glide-path control for the Comet 3B Aircraft	1973
19730073844	France: Nuclear, missile, and space developments, no. 360	1973
19730073845	France: Nuclear, missile, and space developments, no. 359	1973
19730073847	Seven Band Scanning Radiometer (7-BSR)	1973
19730073848	A program to develop and proof test a non-consumable lightweight nozzle for a high energy propulsion system	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730073849	Flutter analysis for automated design	1973
19730073850	Monthly Progress Report, June 1973	1973
19730073851	Control of serotonin-containing neurons in the brain by plasma amino acids	1973
19730073863	Investigation of structure property relationships in systematic series of novel polymers	1973
19730073865	Standard aircraft maintenance space criteria for CVO and CV aircraft carriers	1973
19730073867	FSP: A one dimensional model for time resolved impulse and stress generation in composite materials	1973
19730073868	An investigation of automatic identification of acoustic and seismic sources	1973
19730073870	Vibrations of a cylindrical shell under random excitation	1973
19730073872	CVD developments	1973
19730073873	Read mostly memory using glassy semiconductors	1973
19730073875	V/STOL dynamics and aeroelastic rotor-airframe technology. Volume 1: State-of-the-art review of V/STOL rotor technology	1973
19730073876	NRA subsystem evaluation test report 4.3.2.1 LF power checkout	1973
19730073878	Fatigue and stress-corrosion test of selected fasteners and hole processes	1973
19730073879	Pressure distributions and force and moment coefficients for several configurations of the ram air decelerator stabilized munition at Mach numbers 0.20 to 1.20	1973
19730073888	NRA subsystem evaluation test report 4.3.2.9 (terminal countdown sequence)	1973
19730073890	NRA subsystem evaluation test report 4.3.3.5: System compatibility: Command and status processing, launch sequence	1973
19730073892	Feasibility study for EMP terminal protection	1973
19730073894	Flight and laboratory tests of F-4 inertial navigation system LN-12	1973
19730073895	Non-specular radar cross section study	1973
19730073899	Development of conical metallic bladders for transpiration cooled nosetips	1973
19730073901	Characterization of advanced resins for reentry vehicle systems	1973
19730073903	Particulate infrared radiation in aluminized solid fuel rocket plumes	1973
19730073906	Operational test and evaluation of the low temperature insulated seven-man life raft and propane catalytic heater	1973
19730073908	Feasibility study of shielded metal-arc welding of HY-180 steel	1973
19730073911	Investigation of stress and chemical environments on the prediction of fracture in aircraft structural materials	1973
19730073915	Aging and surveillance test of a Bell Aerospace Company propulsion system rocket engine at simulated altitude, system S/N A4V0325 (SUR-4)	1973
19730073916	III-V transmission secondary electron multiplier studies	1973
19730073928	P-7 and P-7-2 (T-62-11 and T-62T-27), product support program	1973
19730073929	Container Delivery System (CDS) release knife, follow-on OT and E	1973
19730073930	An interview with Professor Boris Eugenyevitch Paton, President of the Academy of Sciences of the Ukrainian SSR	1973
19730073939	Surface and flow field pressure and heat-transfer measurements on a yawed 6-deg cone at Mach number 6	1973
19730073940	Fast cookoff tests of 2.75 inch aircraft rockets in thermally insulated launchers	1973
19730073944	Research on microwave amplification in semiconductors	1973
19730073945	Evaluation of tunable microwave oscillator assembly	1973
19730073951	Life-support system alternates for an Arctic Surface Effects Vehicle (ASEV)	1973
19730073952	Investigations of chemical laser processes	1973
19730073954	Concept of operations for F-5E aircraft	1973
19730073955	Production engineering measure for beam lead tantalum thin film capacitors	1973
19730073957	High energy laser pulse facility	1973
19730073958	Computerized elastic and inelastic buckling analysis for uniformly ring stiffened cylinders under external hydrostatic load	1973
19730073959	Analysis of galvanic corrosion between a titanium condenser and a copper-nickel piping system	1973
19730073960	Application of the doublet-lattice method for determination of blast loads on lifting surfaces at subsonic speeds	1973
19730073962	Evaluation of 19-station, single-fire, 35 millisecond intervalometer developed for the 2.75 inch rocket motor Mark 66 mod 0	1973
19730073964	Plume interference assessment and mitigation	1973
19730073965	Antenna pattern measurements	1973
19730073968	Infrared sensors and off field rejection, volume 3	1973
19730073971	Mission analysis of Air Force weather mission, 1985. Volume 4: Air weather service baseline and technology assessments	1973
19730073972	SAM-D engineering development status. Volume 1: Narrative summary	1973
19730073977	Nonsilver high resolution media/recorder	1973
19730073996	On the gravity survey in Cuba	1973
19730073999	HY-180 steel shapes: Properties of hot-rolled bar, extruded tee, and seamless pipe	1973
19730074000	Development and evaluation of a blow molded container for the Mk 45 aircraft parachute flare	1973
19730074004	Production engineering measure for high reliability aluminum electrolytic capacitors	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074008	Static test firing of Minuteman second stage, M56A1 operational motor, S/N 0022065 LGM-30 program	1973
19730074009	Integrated cockpit display system	1973
19730074010	Electro-optical system development for hydrofoil craft	1973
19730074011	Modular automatic radial-play gage for miniature ball bearings	1973
19730074012	Evaluation of proprietary aliphatic polyurethane topcoats	1973
19730074015	E/O sensor performance analysis and synthesis (TV/IR comparison study)	1973
19730074016	A computer model for aircraft PIP and ECP economic analysis	1973
19730074017	Variable camber wing	1973
19730074018	Merchanization and utilization of variable camber in fighter and attack airplanes	1973
19730074022	High efficiency linear SSB power amplifier	1973
19730074023	Helicopter test program	1973
19730074024	Low angle tracking investigation	1973
19730074025	Investigations of containment vessel concepts for airborne nuclear systems. Volume 1: Reactor safety study for nuclear powered aircraft	1973
19730074026	One point six-micron image intensifier tube development	1973
19730074027	Design verification of the Avtron Manufacturing, Incorporated, underfrequency protector, P/N T726	1973
19730074028	The effect of maintenance chemicals on titanium alloys used in Naval aircraft	1973
19730074029	Airborne Laser Measurement System (ALMS)	1973
19730074033	Study of field assisted photocathodes with double heterojunction structure	1973
19730074036	Amphibious assault landing craft program Over the side material handling	1973
19730074037	New Gas Lasers Committee report on electronic transition chemically and electrically excited lasers	1973
19730074051	Test of 2.75 inch SR-105 rocket motor with RS-2 propellant at high humidity conditions	1973
19730074067	The 2.75 inch rocket/AH-1G system baseline accuracy test (U)	1973
19730074073	Supplemental expanded service test of field artillery missile system (Lance). Fire direction, addendum (U)	1973
19730074075	Unmanned Aerial Vehicle System (UAVS) test report (U)	1973
19730074078	Production engineering measure for a 25mm fiber optic image inverter plate (U)	1973
19730074081	Properties of photodetectors (photodetector series, 90th report) (U)	1973
19730074082	Active Sonar Symposium working panel report (U)	1973
19730074087	F-3 Mk 84/Mk 82 compatibility test (U)	1973
19730074088	Range navigation using the Timation 2 satellite (U)	1973
19730074089	A study of sonar operator signal differentials as related to sonar system performance (U)	1973
19730074090	Development of a jet tab thrust vector control system for aluminized solid propellant air launched missiles (U)	1973
19730074091	Quarterly compilation of abstracts on completed Test, Experimental, and Development (TED) projects (U)	1973
19730074092	RPV applications in the Navy. Volume 2: Part 8: Support missions (U)	1973
19730074095	Nozzleless rocket motor internal ballistics computer program development (U)	1973
19730074096	Grain Burn Pattern Regulation (GBPR) (U)	1973
19730074098	Modification of propellant binders (U)	1973
19730074099	Static stability tests at high angles of attack on a missile with plume simulation at supersonic Mach numbers (U)	1973
19730074100	Investigation of the effect of operational requirements on the design of SLR change detection systems (U)	1973
19730074102	IR imaging seeker tracker and scan convertor (U)	1973
19730074104	An evaluation of expert comparisons of system concept possibilities (U)	1973
19730074107	Design study on wire detection techniques (U)	1973
19730074108	INSB infrared detector for reconnaissance (U)	1973
19730074110	Pot life studies on R45M composite propellants. Part 2: Effects of precoating AP with various materials (U)	1973
19730074111	Index of performance for FLIR (Forward Looking Infrared) imaging devices (U)	1973
19730074114	Air-to-air effectiveness evaluation methodologies (U)	1973
19730074119	X-band interference cancellation system (U)	1973
19730074122	EBS state of the art (U)	1973
19730074126	An evaluation of expert comparisons of system concept possibilities (U)	1973
19730074127	Advanced Turbine Engine Gas Generator (ATEGG) program (U)	1973
19730074128	Radar set AN/TPS-58A ET/ST (U)	1973
19730074129	Development of the phase 3 sensor relay unit (U)	1973
19730074130	LAMPS Light Airborne Multi-purpose System. D/V-98 phase F-1 engineering report, May - November 1972 (U)	1973
19730074134	Performance risk analysis for the surface attack guided missile system, XM47 (Dragon) (U)	1973
19730074135	ECM Mohawk experiment report (U)	1973
19730074136	Development and test of a highly energetic Domino propellant (U)	1973
19730074137	Elimination of visible signatures from surface missile propulsion systems (U)	1973
19730074138	Countermeasures installation of KC-130F aircraft, errata (U)	1973
19730074142	Effects of waveguide dispersion on the decorrelation distance allowance of sidelobe canceller systems (U)	1973
19730074143	CBU-72/B and CBU-55A/B compatibility tests (U)	1973
19730074147	Thermal stress analysis of the ALVRJ boost nozzle insert (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074148	Development of HTPB propellants for air launched missiles (U)	1973
19730074149	Infrared techniques and the TOTAM concept (U)	1973
19730074150	Composite hemisphere feasibility study (U)	1973
19730074153	QKW1600 dual-mode TWT development (U)	1973
19730074155	Development of HTPB propellant for ballistic missiles (U)	1973
19730074158	Chaff Cloud Signature 1 measurements program (U)	1973
19730074159	NQR detection system 2 (U)	1973
19730074161	Captive flight feasibility test of a long range optical proximity sensor (U)	1973
19730074167	Air-to-air weapons effectiveness test (AIRVAL). Survey of infrared measurements of tactical aircraft (U)	1973
19730074195	Wind tunnel test results for the Small Evader Vehicle (SEV) at Mach numbers from 3 to 10 (U)	1973
19730074201	Additional heat-transfer and pressure tests on the SAMSO/McDonnell Douglas advanced control experiment (ACE) vehicle at Mach numbers near 7.5, 11, and 14 (U)	1973
19730074230	Aircraft surveillance (U)	1973
19730074241	DT and E/IOT and E modular guided glide bomb (U)	1973
19730074246	AEW antenna program. Part 4: E-2X evaluation (U)	1973
19730074252	Variable pitch fan study for Air Force applications (U)	1973
19730074277	Interagency Mechanical Operations Group, Subgroup on joining, minutes of Meeting Ten. Volume 1: General session	1973
19730074281	Chemical Propulsion Newsletter, April 1973	1973
19730074283	Effects of mutation and some environmental factors on the physiology and pathogenicity of selected bacteria	1973
19730074284	Analysis of microwave radiometer measurements of a water tank surface	1973
19730074285	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy	1973
19730074286	An analytical investigation of wing-jet interaction	1973
19730074287	Kinetics of nitric oxide formation and decomposition	1973
19730074288	A study of high performance antenna systems for deep space communication	1973
19730074289	Hydrogen adsorption and diffusion, and subcritical crack growth in high strength steels and nickel base alloys	1973
19730074290	Catalysts for electrochemical generation of oxygen	1973
19730074296	Experimental investigation of combustor effects	1973
19730074297	Research and development of differential pressure transducer	1973
19730074298	S-3A Pre-Evaluation Engineering Data for NPE 4.5	1973
19730074299	Skylab 1 launch mission rules (SA-513/SL-1)	1973
19730074321	Approximation and complementary geometric programming	1973
19730074322	A two dimensional mathematical model of a parachute in steady descent	1973
19730074324	Accessibility to information in technical exhibits	1973
19730074325	Japan: Nuclear, missile, space, and defense developments, no. 169	1973
19730074326	Japan: Nuclear, missile, space, and defense developments, no. 170	1973
19730074327	Semiannual Status Report, 1 December 1972 - 31 May 1973	1973
19730074328	The application of modern automatic control theory to nuclear rocket dynamics and control	1973
19730074329	Research on compressible unsteady potential aerodynamic flow around lifting bodies having arbitrary shapes and motions	1973
19730074330	Laboratory study of sonic booms and their scaling laws	1973
19730074332	Technical consulting services for earth resources program	1973
19730074334	Japan: Nuclear, missile, space, and defense developments, no. 174	1973
19730074335	Monthly Progress Report, May 1973	1973
19730074336	Surface energy and surface tension at holes and cracks	1973
19730074337	Thick film silicon growth techniques	1973
19730074357	Investigation of the possible origin of Pc3 micropulsations in magnetospheric fluctuations	1973
19730074362	Breadboard model solar correlation tracker and simulator	1973
19730074369	Hardware design integrity review	1973
19730074370	Dynamical and photometric investigation of cometary type 2 tails	1973
19730074378	Integrated Radint/Optint Processor (IROP), phase 2	1973
19730074379	Polychrystalline bismuth titanate thin films for microelectronic applications	1973
19730074385	IOT and E of the AN/PRC-104 HF/SSB manpack radio set	1973
19730074389	Polish laser equipment	1973
19730074390	Program to develop high strength aluminum powder metallurgy products. Phase 4A: Vacuum process verification	1973
19730074391	Mk 45 aircraft parachute flare malfunction investigation of accidental end cap ejections	1973
19730074392	Silicon high speed Schottky barrier power diodes	1973
19730074400	Aging and surveillance testing of a Minuteman LGM-30F stage 3 motor at simulated pressure altitude (motor S/N 0032948)	1973
19730074401	NRA subsystem evaluation test report 4.3.3.27 - LCF and LF power variation	1973
19730074402	NRA subsystem evaluation test report 4.3.3.20 OGE/MGE compatibility figure A 4490	1973
19730074403	NRA subsystem evaluation test report 4.3.3.13 - clear text message processing anti-jam	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074412	Production quality assurance test of a Bell Aerospace Company propulsion system rocket engine at simulated altitude system S/N A4V0670 PQA 14	1973
19730074413	Research on materials for high power laser windows	1973
19730074416	Advanced integrated transmitters for radar application	1973
19730074417	Production engineering measure. Computer aided design system for linear integrated circuits	1973
19730074418	Production engineering measure for multistage solid state power amplifiers	1973
19730074419	The 48 channel adaptive multiplexer	1973
19730074422	Feasibility study of single-stage-to-orbit vehicle. Volume 2: Performance and design	1973
19730074427	A computer program for processing and plotting of mass spectral data	1973
19730074428	High data rate modulator	1973
19730074429	Long wavelength modulation techniques (10.6 microns)	1973
19730074433	Evaluation of properties of petroleum fuels for turbine engines performed in model combustion chambers	1973
19730074434	The effect of stress ratio on the high cycle fatigue resistance of 5086-H116 and 5456-H-117 aluminum alloy weldments	1973
19730074439	An experimental investigation of the effects of geometry and attitude on the windward heating of conical models at Mach 8	1973
19730074441	HAPDAR operation and maintenance program	1973
19730074442	SN-366/APQ-100 and SN-377/APQ-109 electrical synchronizers and RT-756/APQ-100 and RT-755/APQ-109 receiver-transmitters	1973
19730074443	Static-test firing of second stage wing 6 Minuteman motor 52PQA6-62	1973
19730074447	DOD aims mark XII APX-72 hartlobe transponder evaluation	1973
19730074451	CAIR-I system infrared device Naval Air Test Center, Patuxent River, Maryland, August to September 1972	1973
19730074454	Summary of protection provided by military masks against various military and nonmilitary agents	1973
19730074460	Flight evaluation of disposable oil filter elements for constant speed drives CSD on F-4, A-4, A-6, A-7, and S-2D/E-1B type aircraft	1973
19730074461	Development of a crack resistant polyurethane primer	1973
19730074465	A radar prediction system, volume 1	1973
19730074466	Evaluation of isokinetic and anisokinetic sampling effects on smoke number determination and a comparison of Navy and SAE smoke numbers	1973
19730074467	Feasibility flight testing of Rocket Impelled Projectile (RIP)	1973
19730074468	Ceramic mounted circuit for crossed-field amplifiers	1973
19730074473	An economic analysis of G-200 bearing replacement policies	1973
19730074474	Tactical landing system development program	1973
19730074476	Air Force terminal interrogator coverage analysis	1973
19730074485	ADP oriented modular panel display (solid state)	1973
19730074486	Effects of high altitude exposure on components of blood and urine in mountaineers	1973
19730074490	Carbon stress gage development	1973
19730074491	Composite wing conceptual design	1973
19730074493	Air Force limited performance, flying qualities, and structural demonstration tests of the NKC-135A aircraft (TRAP-MATS)	1973
19730074494	F/FB-111 nosewheel tire tests	1973
19730074495	PAVE LOW: Evaluation of a terrain following radar system for the HH-53 helicopter	1973
19730074496	Production engineering measure, computer aided design system for linear integrated circuits	1973
19730074497	Investigation of wetting and bonding in the aluminum alloy-graphite fiber system	1973
19730074498	Radar attenuation measurements of selected solid propellants and the effect of additives	1973
19730074501	The effect of temperature on a torsional pendulum	1973
19730074504	Characterization and utilization of carboxyl-terminated polybutadiene	1973
19730074508	OT and E of the F-3D/Mk 2. Annex E: Phase 1E. F 111D ground attack	1973
19730074510	Flight test of the 800 pound modular weapon series bomb	1973
19730074511	Project briefs (completed projects supplement 12)	1973
19730074516	Analytical models for DC-10 aircraft. Volume 1: SAAGUST models	1973
19730074517	GE12 1500-SHP demonstrator engine follow-on program. Volume 2: Reliability, maintainability, and logistics analysis	1973
19730074525	DC-9 safe bomb location study	1973
19730074527	Flight test of the fluidic flight environment sensor	1973
19730074528	Arctic SEV program	1973
19730074531	Thermodynamic cycles: Generators of energy of the future	1973
19730074547	Status Report, 1 June 1972 - 25 June 1973	1973
19730074548	Aquaplaning studies using a small pneumatic tyre	1973
19730074556	A modified Zeiss fundus camera for high speed fluorescence angiography	1973
19730074559	Study of candidate exposure experiments	1973
19730074581	Study to compile available information for a space shuttle mounted infrared telescope. Volume 1: Discussion of study	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074582	Study to compile available information for a space shuttle mounted infrared telescope. Volume 2: Bibliography and index	1973
19730074588	Japan: Nuclear, missile, space, and defense developments, no. 175	1973
19730074589	France: Nuclear, missile, and space developments, no. 361	1973
19730074590	Infrared radiometer for the Pioneer F/G Asteroid-Jupiter missions	1973
19730074591	AC-31 launch CENTAUR-INTELSAT 4	1973
19730074592	Extended temperature range ACPS thruster investigation	1973
19730074596	Development of an Automatic Cable Management Gantry	1973
19730074597	Development of autoclavable addition-type polyimides	1973
19730074598	Space shuttle mission and payload capture analysis (study 2.1). Volume 2	1973
19730074604	Shuttle System Payload Data Activity plan (SSPDA)	1973
19730074605	Graduate study: Research program in aeronautics and air transportation systems	1973
19730074611	Laminate tubular specimens subjected to biaxial stress states (glass/epoxy)	1973
19730074614	System-analytic methods in assuring reliability	1973
19730074617	HF cosite analysis (ECAC support task 45X3)	1973
19730074619	Middle Gust 3 free-field data report	1973
19730074620	Ionization detector system	1973
19730074621	High speed electronic bit synchronizer	1973
19730074623	Multifunctional explosive battery	1973
19730074624	Progress Report, October - December 1972	1973
19730074625	Production engineering measure on gating transistors	1973
19730074626	Static aerodynamic stability characteristics of munitions designs at transonic Mach numbers	1973
19730074627	Demonstration test of a refurbished Bell Aerospace Company propulsion system rocket engine at simulated altitude, system S/N A-4 V0417	1973
19730074645	Summary of nylon pendant development for shorebased arresting systems	1973
19730074648	Methodology for calculating the effectiveness of SLBM surprise attacks against bomber bases	1973
19730074649	NRA subsystem evaluation test report 4.3.3.28 - LF equipment interaction	1973
19730074651	Calculation of densities of fuels and explosives from molar volume additive increments	1973
19730074652	Structural test plan. Service life extension program catapult condition model A-4E/F aircraft, revision A	1973
19730074653	High energy laser mirrors and windows	1973
19730074654	High-power C-band microwave integrated transistor amplifiers	1973
19730074655	Matrix interconnection system for aircraft wiring	1973
19730074656	Individual motor report M55A1 Minuteman operational quality assurance rocket motor, QA-1205, 0013747	1973
19730074658	Protection filters for Dragon tracker eyepiece September-December 1972	1973
19730074660	Neutron radiation effects on solid propellant burning	1973
19730074661	Attack helicopter - clear night defense. Phase 1. (USACDEC experiment 43.7). Volume 3: Phase 2 training program	1973
19730074663	Evaluation and calibration of AIMS equipment in the AH- 1J helicopter	1973
19730074672	Soil property effects on bomb cratering in pavement systems	1973
19730074674	Computer-assisted naval applications of holography	1973
19730074675	Weathering of composites 1: Review of epoxide containing glass filament wound structures	1973
19730074677	WP-3A weather reconnaissance airplane system evaluation	1973
19730074678	Computer program for six-degree-of-freedom trajectory of asymmetric reentry vehicles (STRABAB)	1973
19730074681	Spinel ribbon	1973
19730074682	Product for preventing ice formation on air strips	1973
19730074684	Static stability and drag characteristics of a low cost full-scale target at Mach numbers from 0.2 to 1.3	1973
19730074687	A study of characteristics of lift fans for surface effect ships, book 1, text	1973
19730074688	A survey of selected visual simulation systems	1973
19730074689	Time division multiple access equipment group	1973
19730074690	Advanced production engineering for lithium niobate crystals for laser Q-switch	1973
19730074692	Stubby Hobo loads analysis	1973
19730074693	Flight test evaluation and calibration AIMS ATRBS equipment for the C-1A airplane	1973
19730074694	Flight test evaluation and calibration of AIMS airborne ATRBS equipment for the CT-39E airplane	1973
19730074701	Concept of operations for tactical weather system in 1985	1973
19730074703	Motor driven switch study for Titan 2 missile	1973
19730074706	Local determination of gravity anomalies and geoid separation by means of observations of artificial satellites	1973
19730074708	UGT post test light scattering measurements	1973
19730074712	Technical evaluation of the AN/APN-182(V) radar navigation set installed in the CH-46A helicopter	1973
19730074716	Environmental testing of NTDS interface adapter unit J-3053/SR	1973
19730074719	Acousto-optical standing wave correlator	1973
19730074722	Inelastic low-energy electron diffraction measurements on Al(111)	1973
19730074723	Production of single crystal cadmium telluride	1973
19730074728	An analysis of air blast pressure data on the surface of a SPARTAN missile assembly	1973
19730074730	Advanced Concept Ejection Seat (ACES) development and qualification	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074731	A-4M improved instrument panel, console rearrangement and improved electronic warfare equipment installation, technical monitoring and support of	1973
19730074732	OV-10A starter-generator failure investigation	1973
19730074733	Flight test, evaluation and calibration of AIMS airborne ATRCBS equipment for the EA6A airplane	1973
19730074734	Geometric and attitude effects on boundary layer transition	1973
19730074735	High altitude plume rarefaction study	1973
19730074736	The development of flame pumped atomic lasers	1973
19730074737	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard	1973
19730074739	A study of characteristics of lift fans for surface effect ships. Book 2: Figures	1973
19730074740	Flight test and evaluation of AN/ARR-75 receiver	1973
19730074741	Evaluation of initial production laser rangefinder AN/VVG-/M55/ armored reconnaissance/airborne assault vehicle (Sheridan vehicle) March 1973	1973
19730074745	Production engineering measure for improved radiant power infrared sources	1973
19730074746	VHF tactical channel simulator advanced development model	1973
19730074748	Rugged lightweight cables and assemblies	1973
19730074749	Initial production test of mode 4 module P/O receiver-transmitter RT-859A/APX-72	1973
19730074753	EMETF support to jamming test	1973
19730074755	Evaluation of Versatile Avionics Shop Test (VAST) AN/USM-247(V)	1973
19730074756	Tactile entry and perception techniques	1973
19730074757	Mk4 20mm gun pod jettison tests from A-6 airplane	1973
19730074762	Effect of prestress on low-cycle fatigue of HY-100 steel	1973
19730074764	UHF propagation path loss measurements at low grazing angles	1973
19730074765	Helicopter hauldown, securing and traversing (HST) system for LAMPS ship application specifications LAMPS ship application specifications	1973
19730074766	Superconductive Electric Drive Transmission (sept) systems with application to large Surface Effect Vehicles (SEV)	1973
19730074767	Mark 14 recovery system: System safety engineering plan	1973
19730074768	Shipboard aircraft facilities and ship suitability criteria	1973
19730074769	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage	1973
19730074770	Performance capability of the A-4C aircraft when towing a large gunnery target	1973
19730074771	Certification of AIMS system installed with radar set AN/FPN-36 at NAS, Imperial Beach, California	1973
19730074772	Development test 3 of LCSS/Lance supplementary equipment, GM system test station, Mk	1973
19730074773	Laser plasma heating	1973
19730074778	Engineering evaluation, AH-56A compound helicopter with advanced mechanical control system	1973
19730074780	Validation and application of a carrier Landing Performance Score (the LPS)	1973
19730074783	Effects of equatorial scintillation fading on SATCOM signals	1973
19730074784	The F-4 and the F-14	1973
19730074785	Exploratory program to develop nozzle performance and design calculation techniques for advanced engine exhaust nozzles	1973
19730074788	Static test firing of second stage wing 6 minuteman motor 52PQA6-61	1973
19730074789	Research investigations related to chemical lasers	1973
19730074794	Space shuttle mission and payload capture analysis (study 2.1). Volume 1: Executive summary	1973
19730074795	France: Nuclear, missile, and space developments, no. 357	1973
19730074796	Japan: Nuclear, missile, space, and defense developments, no. 171	1973
19730074806	Plume interference assessment and mitigation	1973
19730074807	Contamination and degradation of thermal control and optical surfaces: An annotated bibliography	1973
19730074808	Radiation and thermally hardened switching materials	1973
19730074809	Advanced electron device technology	1973
19730074814	Frequency selection guidance for operating USMC VHF/FM tactical communications equipment, appendices 2 and 3	1973
19730074824	Low cost bearing ring production manufacturing methods	1973
19730074835	On secular change of gravity near Lake Biwa-Ko	1973
19730074836	ATMAC G/A/G HF/VHF digital data link, preliminary design and test effort	1973
19730074837	Product support program air turbine starters air control valves	1973
19730074838	Shipboard test procedure pilot - LSO landing aid television system Mark 1 mod 4	1973
19730074839	A computer code for dynamic stress analysis of media-structure problems with nonlinearities (SAMSON). Volume 3: User's manual	1973
19730074840	A computer code for dynamic stress analysis of media structure problems with nonlinearities (SAMSON). Volume 4: Analysis of GRABS Phase 1 tests. Part 1: Text with appendixes 1, 2, and 3	1973
19730074847	Production engineering measure for multi-electrode crystals, 30 to 70 MHz	1973
19730074849	Technical evaluation of the AN/APN-182(V) radar navigation set installed in the CH-46A helicopter	1973
19730074852	Velocity profiles in laminar flows of polymer	1973
19730074853	High frequency acceleration response of sprint internal components and support structure	1973
19730074854	Typical ICBM trajectories and interceptor flyout capabilities	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730074857	Basic circuit modules	1973
19730074858	AV-8A/F402-RR-400 and F402-RR-401 engine life recorder evaluation	1973
19730074861	BA-530()/U mechanically rechargeable zinc-air battery	1973
19730074865	Special testing of radio set AN/VRC-78	1973
19730074867	T58 engine 1973 component improvement programs	1973
19730074868	Internal ECM, phase 2, appendices	1973
19730074870	Preparation and characterization of polycrystalline halides for use in high power laser windows	1973
19730074871	C-5A main landing gear stress analysis, volume 2	1973
19730074874	Improved large ZnS windows	1973
19730074881	High reliability non-volatile integrated memories	1973
19730074883	Manufacturing technology for materials, designs, and fabrication of extrusion dies for hot extruding of steel and titanium structural sections	1973
19730074884	Analysis of skirt drag data from trials of a 10 ton surface effect vehicle in the Arctic	1973
19730074885	HURUX: A digital computer program for submarine hull response under UNDEX loading	1973
19730074886	The radar cross section of the Surface Effects Ships. The radar cross section of the SES-100B	1973
19730074888	Turbine engine gas path failure survey	1973
19730074889	A dynamic model of a governed gas turbine engine installed in a helicopter	1973
19730074890	Aerodynamic windows for laser beams	1973
19730074891	Evaluation of concept for a laser acquisition and tracking subsystem	1973
19730074892	Mesa II 1971 data review	1973
19730074897	Optical jammer sources	1973
19730074904	Magnesium anode-electrolyte-inhibitor system studies	1973
19730074905	C-5A nacelle and pylon stress analysis	1973
19730074907	The protective characteristics of PBI and nomex coveralls in JP-4 fuel fires	1973
19730074908	Solar Collector Thermal Power System (SCTPS)	1973
19730074911	Operational evaluation of the TIDY (Teletype Integrated Display System) (U)	1973
19730074917	Test of the long range addition (LORA) for the AN/SQS-23 in the Mediterranean Sea, 20-25 October 1972 (U)	1973
19730074922	Air augmented rocket fixed fuel flow combustion characterization program (U)	1973
19730074929	An analysis of combat damage on OH-13S and OH-23G helicopters in Southeast Asia for the calendar years 1966 through 1968 (U)	1973
19730074931	Wind tunnel tests of a 0.06-scale B-1 model at mach numbers from 0.55 to 2.20, phase 3 (U)	1973
19730074935	Eglin Ioran calibration/reconnaissance sensor combination study (U)	1973
19730074936	Radar cross-section measurements of scale model of foxbat aircraft (U)	1973
19730074938	Conduct an operational evaluation on delivery tactics for Mk 83 laser guided bomb (U)	1973
19730074942	An investigation of leeward side aft-entry ramjet inlet performance (U)	1973
19730074946	Ferrite RAM (U)	1973
19730074948	Development of the AN/SQS-55 (XN-1) sonar (U)	1973
19730074950	Preliminary assessment of the practical utility of fracture mechanics concepts in fatigue (U)	1973
19730074953	Construction and check-out of a smoke measurement facility (U)	1973
19730074956	Vulnerability analysis of the J60 turbojet and T73 (JFTD12) turboshaft engines (U)	1973
19730074957	High sensitivity millimeter and infrared radiometric receiver (U)	1973
19730074959	Ion-implanted planar INSB detector array (U)	1973
19730074960	Performance evaluation of experimental solid ramjet fuels, supplement 1 (U)	1973
19730074963	Conduct evaluation of the ALQ-120, ALR-45, and ALR-50 equipments in the A-7B/E aircraft (U)	1973
19730074975	Calculations of the ground dose distribution resulting from the discharge of a high intensity 1 GeV electron beam into air (U)	1973
19730075012	Compilation and analysis of empass measured radar emissions from USS Albany (CG-10), USS Ticonderoga (CVS-14), and USS Oriskany (CVA-34) (U)	1973
19730075061	Prediction of turbulent boundary layers and wakes in compressible flow by a lag-entrainment method	1973
19730075062	Plane strain fracture toughness data for British airframe alloys	1973
19730075064	Optimum design of stressed-skin structures using a sequence of linear programs method	1973
19730075069	The orbit of 1963-30D from 1968 to 1971	1973
19730075070	Areas for research into the structural fatigue performance of carbon fibre reinforced plastics	1973
19730075071	Application of a variational method in plane compressible flow calculation	1973
19730075074	Helium in the terrestrial atmosphere	1973
19730075077	France: Nuclear, missile, and space developments, no. 364	1973
19730075078	National Aeronautics and Space Administration space cell test program	1973
19730075079	Analytics of crystal growth in space	1973
19730075080	Effects of space environment on chromosomes and nucleic acid synthesis of human lymphocytoid cell lines and turtle cell lines	1973
19730075082	A study of the diffusional behavior of a two phase metal matrix composite exposed to a high temperature environment	1973
19730075084	Analysis of ATS-5 data	1973
19730075086	Quarterly Progress Report, 1 May - 31 July 1973	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075087	Origin of chondrites from relationships between key trace elements	1973
19730075088	The development and application of mass spectrometers to studies of the earth's upper atmosphere and planetary atmospheres	1973
19730075089	Short-range intermolecular forces and high-temperature gas properties	1973
19730075090	Lift and viscous cross flow	1973
19730075091	Design, fabrication and test of unidirectional multi-fiber laminates	1973
19730075092	Cryogenic research and development	1973
19730075093	Synthesis and evaluation of polymers for use in early warning alarm devices	1973
19730075094	Lightweight vacuum jacket for cryogenic insulation	1973
19730075095	Cryogenic thin-metal PDR 49-3 composite vessels	1973
19730075096	Study of multilayered insulation pipe penetration and thermal acoustic oscillations	1973
19730075097	Design, fabrication and test of unidirectional multi-fiber laminates	1973
19730075098	A study of the application of modal suppression to flutter control	1973
19730075099	Vacuum jacketed composite lines	1973
19730075100	Meteorite photography and recovery network	1973
19730075101	Precipitate growth kinetics for Fe-C-X alloys	1973
19730075102	Semiannual progress report	1973
19730075103	Preliminary flight rating test (altitude phase) of YF104-GA-100 engine	1973
19730075105	Effect of thermal profile on cyclic flaw growth in aluminum	1973
19730075107	Japan: Nuclear, missile, space, and defense developments no. 179	1973
19730075108	EUV spectroheliometer for the Apollo telescope mount	1973
19730075109	A study of celestial objects of high angular momentum	1973
19730075110	Radioactivities in returned lunar materials	1973
19730075111	Theoretical and experimental studies in ultraviolet solar physics	1973
19730075112	Effect of thermal profile on cyclic flaw growth in aluminum	1973
19730075113	Thermal performance of a customized Multilayer Insulation (MLI)	1973
19730075114	France: Nuclear, missile, and space developments, no. 365	1973
19730075117	ARC-image thermal radiation tests of ablative materials	1973
19730075118	In vivo measurement of human body composition	1973
19730075123	Topics related to magnetography operation	1973
19730075124	Quarterly progress report, 1 May - 1 August 1973	1973
19730075146	MSFC physics of hypervelocity impact	1973
19730075167	Low speed wind tunnel tests of the lateral-directional stability of a 3/4 scale fighter model with 45 deg swept wings at high angles of attack (U)	1973
19730075180	Effects of silver complex ion on the electrode reaction of silver-silver oxide systems in alkaline solution	1973
19730075181	Evaluation of disposable hydraulic filter elements for F/RF-101 life cycle cost procurement	1973
19730075182	Results of analytical response predictions for two points on helicopter landing platform of DLG-26 and DE-1040 class destroyers	1973
19730075184	Conformal antenna arrays study	1973
19730075191	Sound ranging radio data link system AN/GRA-114, XE-1, XE-2, volume 1	1973
19730075192	Electronic piece parts working group report	1973
19730075196	Radar chronograph set (lightweight)	1973
19730075197	ILLIAC 4 program study	1973
19730075198	Integrated engineering test and expanded service test of land combat support system loss (in support of medium antitank/assault weapon system, XM47, DRAGON)	1973
19730075201	Production quality assurance testing of a Minuteman 3 LGM-30 G Stage 2 Rocket motor at simulated pressure altitude (Motor S/N POA661)	1973
19730075203	Service life test of Mk17 rocket motor AIM-98/E/J missiles	1973
19730075204	Metallurgical investigation of the failure of the QT-33A target arresting hook shank	1973
19730075205	Additional analysis (range error spread evaluation) of data obtained in the engineer design test of the modified force sensitive control for Vulcans XM163/XM167	1973
19730075207	Hybrid rocket engines	1973
19730075215	The problem of night vision	1973
19730075221	C-5 category 3, phase 3 report	1973
19730075223	Survivable MOS array computer	1973
19730075224	The Russians in space	1973
19730075225	Radiation effects on semiconductor devices: Summary of data-1	1973
19730075227	Exploratory development of materials resistant of supersonic rain and sand erosion	1973
19730075228	Production engineering measure for low radiant power infrared sources	1973
19730075238	SAM-D engineering development status. Volume 1: Narrative summary	1973
19730075239	An investigation of electronic applications of the rare earth chalcogenides	1973
19730075240	Thermo-electric generator components	1973
19730075241	Discussion of the methods of statistical extrapolations of gravimetric data	1973
19730075242	High power microwave antenna performance in the stagnation region of a blunt reentry nose cone	1973
19730075246	Picture matrix simulation	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075247	X-band LSA transmitter sources	1973
19730075249	Heat transfer, pressure, and force tests on the SAMSO/GE RVTO-3B vehicle at Mach 11	1973
19730075250	Reserve organic electrolyte battery	1973
19730075251	Quantitative evaluation of smoke abatement system for crash/rescue training fires	1973
19730075252	TMDE task 06 systems concepts and architecture MAID TECH study. Near field radar evaluation test set study	1973
19730075253	Target phenomenology. Task 3: Experimental determination of the infrared spectral optical properties of bulk and powdered aluminum oxide	1973
19730075254	Diffusion bonded B-Al sheet and plate	1973
19730075257	Manufacturing methods, techniques and automated controls for the continuous epitaxial processing of silicon integrated circuits	1973
19730075258	Integrated low-noise S-band microwave amplifiers	1973
19730075259	The 3-5 micron chemical laser	1973
19730075260	NRA subsystem evaluation test report test anomaly bulleting	1973
19730075261	Space communication	1973
19730075262	The theory of signal detectability: ROC curves and their character	1973
19730075263	Description and calibration results of the AEDC dust erosion tunnel	1973
19730075265	System 621B user equipment definition and experiments program. Task 6, phase 2. Volume 2: Test and equipment description	1973
19730075266	System 621B user equipment definition and experiments program. Task 6, phase 2. Volume 3, part 1: Test data and analyses	1973
19730075267	System 621B user equipment definition and experiments program. Task 6, phase 2. Volume 3, part 2: Test data and analyses	1973
19730075268	C-5A main landing gear stress analysis, volume 5	1973
19730075271	A study of coronal condensations by means of their X-UV line spectrum	1973
19730075272	Wind tunnel test and flight simulation studies of an unguided and guided modular bomb	1973
19730075273	Sealed nickel-cadmium cells for hybrid battery applications	1973
19730075274	The Generalization of isolines as a result of the generalization of surfaces	1973
19730075275	Qualification of the Bendix Electric Power Division P/N 32B56-1-17A, 2500 VA, 3/1 phase, rotary inverter	1973
19730075276	Evaluation of laser remote Raman spectrometer atmospheric probe, Edgewood Arsenal, Maryland	1973
19730075278	Ocular hazards of Q-switched erbium laser	1973
19730075279	Verification of OA-7203/C/E/URN-20(V) technical publications	1973
19730075280	Evaluating naval communications	1973
19730075281	Propellant test report. LGM-30 A and B stage 2, phase 6, series 3	1973
19730075282	Multimission turbine engine propulsion simulator users console. Volume 2: System specification	1973
19730075283	Proprietary supplement to a study of the application of the extended aperture principle to very broad band steerable HF arrays	1973
19730075286	Inverse scattering	1973
19730075287	A simulator comparison of an integrated, direct-lift-control automatic carrier landing system with a conventional automatic carrier landing system	1973
19730075288	Environmental tests performed on ASROC launcher Mk112 GPR weathershield	1973
19730075289	Test results for the Sprint XM542E1 container random/sine shock vibrations test program	1973
19730075295	Study of approaches for improving product reliability through reliability physics techniques	1973
19730075296	Manufacturing methods for production of single-crystal mercury cadmium telluride	1973
19730075306	Ablation testing of carbon/carbon materials	1973
19730075307	A 225 to 400 MHz broadband 48 watt RF power amplifier	1973
19730075309	Combustion instability in rocket motors with aluminized solid propellants	1973
19730075310	Evaluation of OZX-47, Sargo 1, lead-antimony submarine main storage battery cells	1973
19730075313	Adjacent signal interference measurements radio receiver R-1051B/URR	1973
19730075316	Chemical laser pulse initiation study	1973
19730075321	Soviet fighters: Concepts and technical analysis	1973
19730075326	MQM-74A IR noise tow system installation and checkout procedure	1973
19730075329	Display dynamic range and radar target recognition	1973
19730075331	Automatic drafting of contour plans	1973
19730075332	Requalification/design verification of Bendix 30B45-22A starter-generator	1973
19730075335	Characterization of the abrasion resistance of PBI and Nomex yarns and fabrics	1973
19730075336	Arctic surface effect vehicle program. Skirt material damage on an SK5-03 surface effect vehicle during Arctic operations	1973
19730075337	Vibration response of ballistic reentry vehicles, volume 2	1973
19730075338	Advanced Ballistic concepts (ABC) program. Final design/development report for the C.G. control system, volume 1	1973
19730075343	Qualification tests for aircraft lightning equipment (Grimes Manufacturing Company, P/N 70-0118-1, position-light flasher)	1973
19730075344	LAMPS MK III (Light Airborne Multi-Purpose System), simulation plan	1973
19730075346	Verification testing of oscilloscope AN/USM-368	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075354	Power converter nose cone	1973
19730075356	Design, development, and production qualification of the XM54 Baroswitch assembly	1973
19730075357	Pershing jet vane thermostructural verification program	1973
19730075358	Comparative performance of hollow-cathode and axial plasma helium-neon lasers	1973
19730075359	Production engineering measure for LSI circuits for light emitting diode displays	1973
19730075360	The 140-element light emitting array	1973
19730075361	Qualification of Bendix Electric Power Division P/N 32B155-3A, 4KVA, 3/1 phase, rotary inverter	1973
19730075362	Effects of ionizing radiation on tantalum capacitors	1973
19730075363	ATMAC UHF ground-air/air-ground digital data link preliminary design and test effort	1973
19730075364	TD-968()/U multiplexer	1973
19730075365	Survey of parachutes	1973
19730075367	Magnesium anode-electrolyte-inhibitor system studies	1973
19730075369	An incompressible flow model of misalignment of rocket thrust	1973
19730075371	Qualification test of the TCC TE-M-604-01 solid propellant rocket motor	1973
19730075372	Preparation of bread-board magneto-acoustic memory planes AADC-BORAM	1973
19730075374	USASATCOMA technical requirements SCA-2130, convolutional encoder/viterbi decoder	1973
19730075375	MARS UHF	1973
19730075376	Design of a class of fast Fourier transform processors	1973
19730075377	Applied optics research report	1973
19730075378	High slew rate operational amplifier	1973
19730075379	Category 2 desert test of the HH-53C helicopter, appendix 3, volume 2	1973
19730075380	Category 2 Arctic tests of the HH-53C helicopter, appendix 7	1973
19730075382	Observations on the future course of LSI device development	1973
19730075383	Electronically tuned linear VHF preselector	1973
19730075388	Modular design synthesis and optimum repair level analysis techniques	1973
19730075389	Silver-zinc battery maintenance and casualty protection	1973
19730075390	Combustion and its control	1973
19730075392	Thermoelectric thermopile transducer (T3) development	1973
19730075393	Protective coatings for hybrid microcircuits	1973
19730075395	A new method of aerotriangulation by semi-independent models	1973
19730075396	Tactical facsimile subsystem, an alternative approach	1973
19730075398	Ballistic missile defense research tasks and studies	1973
19730075402	Contamination and degradation of spacecraft surfaces: An annotated bibliography	1973
19730075403	Statistical determination of the war game (planspiel) initial conditions	1973
19730075404	Design concepts for dual-mode traveling wave tubes	1973
19730075405	Field evaluation of the AN/BRC-6(XN-2) radio set	1973
19730075407	Production engineering measure for a broadband, 225-400 MHz, 25 watt power transistor	1973
19730075408	Optoelectronic aspects of avionic systems	1973
19730075411	Extek model 1050 film duplicator, 70mm; modified wide-air-gate 5 inch aerial film printer	1973
19730075412	Long delay integrated circuit fuze timer	1973
19730075415	Aging and surveillance testing of an aerojet minuteman LGM-30 G stage 3 rocket motor at simulated pressure altitude motor S/N TMS-12	1973
19730075416	Surface wave auto/cross correlation	1973
19730075417	An absolute method of measuring energy outputs from CO2 lasers	1973
19730075419	IM 300 gas turbine for patrol torpedo boat	1973
19730075420	Non-stationary hypersonic flow around melting blunt bodies having rotational symmetry	1973
19730075421	Electronic distance measuring research projects	1973
19730075423	Moving CRT plotting board development	1973
19730075424	Evaluation of low smoke combustors installed in J79-GE-17 engines using JP-8 fuel	1973
19730075425	Model wind tunnel tests of a reverse velocity rotor system	1973
19730075426	NRA subsystem evaluation test report 4.3.3.14 remote data change, prime LCF-LF	1973
19730075431	Position finding with electronic rangefinders and gyrotheodolites	1973
19730075433	PCM communications	1973
19730075434	Photochemical iodine laser: Kinetic foundations for giant-pulse operation	1973
19730075435	Microwave filters and decay lines	1973
19730075436	Investigations to improve the accuracy of gyrotheodolites	1973
19730075437	New technology of fast Italian helicopters	1973
19730075438	PA 114 micro-wave antenna system	1973
19730075439	Kiebitz system	1973
19730075440	The design, fabrication and test of a position and azimuth determining system (PADS)	1973
19730075441	Electromagnetic compatibility test report, receiver group, figure A 1473M	1973
19730075443	Automatic polhode damping investigation for micro electrostatic gyro	1973
19730075445	Feasibility test of a 2.75-inch rocket slant range sensor	1973
19730075446	DSCS CODEC breadboard data rate demonstration	1973
19730075449	Evaluation of precision hover sensor laser heavy lift transport helicopter	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075450	Evaluation of Position and Azimuth Determining System (PADS) laser velocimeter	1973
19730075452	The photo-composition system LINOTRON 505 and its usage possibilities in carto	1973
19730075453	Automation of isoline portrayal with the aid of the Wiener and Kalman filters	1973
19730075454	Information Storage And Retrieval (ISAR) system - Technical and technological survey analysis and preliminary architecture	1973
19730075455	Adhesive/sealant for securing fuze to the 40 MM projectile	1973
19730075456	Negative ion formation in flames containing rhenium and the rates of electron attachment in flames containing rhenium, tungsten, and boron	1973
19730075457	Static stability and control effectiveness of the MK-84 HOBOS and the modular guided glide bomb at transonic speeds	1973
19730075462	IR radiance from typical rocket exhaust gas/active ambient species interactions	1973
19730075463	Investigations of chemical laser processes	1973
19730075464	Pyrotechnic searchlight	1973
19730075465	From two-dimensional to three-dimensional geodesy	1973
19730075466	X-24B ground vibration test strake/aileron, fin rudder	1973
19730075467	Drop tests of lance missile with XM234 warhead section	1973
19730075468	Proposed ten year plan for aerial target development and utilization. Volume 4: Navy aerial targetry community functions	1973
19730075469	Proposed ten year plan for aerial target development and utilization. Volume 5: Navy ranges employing aerial targets	1973
19730075470	Proposed ten year plan for aerial target development and utilization. Volume 6: Navy aerial target digest	1973
19730075471	Proposed ten year plan for aerial target development and utilization. Volume 7: Aerial target research development, test and evaluation (RDT and E) test objectives	1973
19730075472	Proposed ten year plan for aerial target development and utilization. Volume 9: Navy aerial target RDT and E programs and end items	1973
19730075473	Code synthesis study, volume 2	1973
19730075474	Avionics processor-controller configuration study. Volume 2: Appendix A	1973
19730075475	Avionics processor-controller configuration study. Volume 3: Appendix B	1973
19730075476	Advanced electron device technology	1973
19730075477	E-beam signal processor design	1973
19730075478	Evaluation of wing drag brace loading of F-8J airplane in carrier catapult launching and arrested landing environment	1973
19730075479	Micropower integrated circuits for portable equipment	1973
19730075480	A directional transponder antenna subsystem	1973
19730075481	Qualification and accelerated service test of the model J79-GE-10 engine smoke reduction/improved life configuration	1973
19730075482	Weapons system 133B. Static-test firing of second-stage Wing 6 Minuteman motor 52PQA6-63	1973
19730075483	Report of qualification test for battery, nickel-cadmium, special purpose S-3 satellite, Boeing part number 10-70428-1, Eagle-Picher part number SAR-8088	1973
19730075487	Development test 2 (service use phase - airdrop) of tractor, full-tracked, low speed, D5A	1973
19730075488	Optimum polynomial of the truncated vening Meinesz' function	1973
19730075489	Acquisition and recording of tracking data at the satellite ground terminal set-2	1973
19730075490	Variable camber wing	1973
19730075491	An analysis of the stability and control characteristics of an ejector wing V/STOL during transition	1973
19730075492	Design of blunt, frontal enclosure under pressure for air-launched missiles. 1: Thermal mechanical properties	1973
19730075493	Radome materials evaluation	1973
19730075494	Development of an electronically-tuned VHF power amplifier	1973
19730075495	Characterization of homogeneous materials in compression and tension	1973
19730075496	Microwave integrated circuit techniques	1973
19730075497	Integrated airframe nozzle performance characteristics of a generalized twin-jet, air superiority fighter aircraft model at Mach numbers from 0.6 to 1.6	1973
19730075499	High efficiency octave bandwidth traveling-wave tube	1973
19730075500	Concept of operations for the Continental Operations Range (COR)	1973
19730075501	Solid-state traveling-wave amplifier	1973
19730075502	High-power, high-efficiency sources	1973
19730075503	Intergrated circuits for airborne and portable communications	1973
19730075504	AALCP towing system LPD/LSD rigging boom	1973
19730075505	Fluidic altitude scheduling device	1973
19730075506	Trailblazer 2 rocket tests on the reentry plasma sheath: Vehicle performance and plasma predictions (flights no. 1-3)	1973
19730075507	Aging and surveillance testing of an aerojet Minuteman LGM-30G Stage 3 rocket motor at simulated pressure altitude (motor S/N TMS-13)	1973
19730075508	Instruction manual for the aircraft N 262 D	1973
19730075509	Information storage in spiropyrene, using its photochromic properties	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075517	Safe hybrid propulsion system component design and evaluation (U)	1973
19730075520	Navy technical evaluation of the phased array antenna (U)	1973
19730075521	A high resolution fire control scanning noise radar (U)	1973
19730075523	Small angle electronic scan antenna (U)	1973
19730075525	Studies of exothermic compounds (U)	1973
19730075528	Conceptual design requirements for incorporating an azimuth-elevation attitude sensor into an electronic phased-array antenna system (U)	1973
19730075530	Automatic targeting techniques (U)	1973
19730075531	Results of 0.18 scale improved Hawk missile experimental tests to determine wing pressured distribution, static stability and control characteristics and control surface hinge moments. Volume 2: Six-component force and moment data and elevon force and hinge moments	1973
19730075536	FB-111A category II systems test summary (U)	1973
19730075537	Design and test of a regeneratively cooled, hydrocarbon-fueled combustor (U)	1973
19730075538	Advanced fan stability and performance program. Part 2: Detailed research and development program (U)	1973
19730075539	Advanced fan stability and performance program. Part 1: Basic program summary (U)	1973
19730075544	Active passive electro-optical reconnaissance sensor investigation (U)	1973
19730075545	Time transfer using the TIMATION 2 satellite (U)	1973
19730075546	Quarterly EBS state-of-the-art report (U)	1973
19730075547	Airborne phased array study (U)	1973
19730075557	Wind tunnel investigation of a forward located Jet Attitude Control System (JACS). Volume 3: Graphical organization and analysis of test data (U)	1973
19730075558	The behavior of explosives and explosive devices in a cryogenic environment (U)	1973
19730075559	Military applications of Arctic surface effects vehicles (U)	1973
19730075564	Proposed ten year plan for aerial target development and utilization. Volume 8: Navy RDT and E aerial target requirements (U)	1973
19730075565	Proposed ten year plan for aerial target development and utilization. Volume 11: Navy target development requirements for anti-air weapon training (U)	1973
19730075566	Proposed ten year plan for aerial target development and utilization. Volume 14: Navy aerial RDT and E target development needs (U)	1973
19730075567	Proposed ten year plan for aerial target development and utilization. Volume 13: Utilization plan for Navy training aerial targets (U)	1973
19730075568	Proposed ten year plan for aerial target development and utilization. Volume 12: Utilization plan for Navy RDT and E aerial targets (U)	1973
19730075571	Stability and control report for the AIM-54A missile (U)	1973
19730075574	Aircraft engine infrared signature prediction program (SIGNIR-2, user's manual) (U)	1973
19730075575	Radar set AN/TPS-58A ET/ST (U)	1973
19730075578	Digital development of synthetic aperture radar images (U)	1973
19730075582	Operational hornet MPT laser designator (U)	1973
19730075583	Long range laser target designator (Long Knife) (U)	1973
19730075584	Manufacturing methods and technology: 8 to 14-micron (Hg, Cd)Te array modules (U)	1973
19730075587	Broadband, high power VHF crossed-field amplifier (U)	1973
19730075588	Pave Onyx V AN/AAD-5 (XA-2) IRRS OT and E (U)	1973
19730075590	Atmospheric propagation test of a DF chemical laser (U)	1973
19730075594	Alerting Long-range Airborne Radar for MTI (ALARM) (U)	1973
19730075595	Alerting Long-range Airborne Radar for MTI (ALARM) (U)	1973
19730075600	Low hazard hybrid fuel development program (U)	1973
19730075604	A multichannel spectrum analyzer for high-speed electronic countermeasures (U)	1973
19730075606	Low hazard hybrid fuel development program (U)	1973
19730075607	Synthesis of thermally stable high density and high energy plasticizers (U)	1973
19730075611	A preliminary study of gradient MAD and natural background noise (U)	1973
19730075612	Lead-tin-telluride detector array (U)	1973
19730075613	Production engineering measure for PbSe photodetector array (U)	1973
19730075614	An experimental coherent IF sidelobe canceller (U)	1973
19730075619	Variable geometry exhaust nozzle for mixed aircraft propulsion cycle (U)	1973
19730075639	Polar Fox 1 (U)	1973
19730075661	Project Ship Ahoy: An example of data accuracy and reliability without repeater reference (U)	1973
19730075669	Design of aircraft control surfaces low radar cross section (U)	1973
19730075689	The infrared spectral radiant intensity of a simulated antiship missile (U)	1973
19730075723	Concealed target detection system (U)	1973
19730075725	Code synthesis study, volume 1 (U)	1973
19730075755	Helicopter defense system (U)	1973
19730075757	Initial operational test and evaluation of the EA-6B EXCAP tactical electronic warfare aircraft, phase 3 (U)	1973
19730075758	Military potential test, laser guided missile systems (LAGUMS). Volume 4, Supplement 1: Test 7 False target generation (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075777	Measurements on optical augmentation materiel: Sample numbers 2 through 5 (U)	1973
19730075779	Tactical Air Defense Evaluation study (TAD-E) (U)	1973
19730075847	Scattering of light by a jet engine exhaust plume (U)	1973
19730075876	Effect of chemistry variations on the tensile properties of 20 percent cold worked 316 stainless steel	1973
19730075877	RASE3 and DAMG2: Routines for ion implantation calculations	1973
19730075878	Elastic-plastic-creep tests of type 304 stainless steel (heat 8043813) beams	1973
19730075879	Analysis of the ERL-2258/ZZL-0820 epoxy resin/hardener system by gel permeation chromatography	1973
19730075881	Tentative design guide for calculating liquid-metal turbulent forced convection heat transfer with nonuniform heat fluxes and transients	1973
19730075882	Emergency airborne escape summary: A report of ejections and bailouts for calendar year 1972	1973
19730075891	Progress towards a method for the measurement of the components of the drag of a wing of finite span	1973
19730075892	A survey of the dynamic analysis of buffeting and related phenomena	1973
19730075893	Coast Guard STD calibration procedures	1973
19730075894	Mineralogic and petrologic study of returned lunar soil	1973
19730075895	France: Nuclear, missile, and space developments, no. 363	1973
19730075896	Ultraviolet rocket astronomy program	1973
19730075898	Ionospheric data for January 1973	1973
19730075899	Composite tanks with load sharing liners (add-on)	1973
19730075902	Japan: Nuclear, Missile, Space, and Defense Developments, no. 178	1973
19730075903	Infrared spectra of molecules and materials of astrophysical interest	1973
19730075904	To establish and operate a planetary partol program	1973
19730075905	A regional technology transfer program	1973
19730075906	Thermodynamic properties of interstitial elements in the refractory metals	1973
19730075907	Thermodynamic properties on interstitial elements in the refractory metals	1973
19730075908	Jovian satellite eclipse study 3: Analysis of continuum channel light curves	1973
19730075909	Exciton coupling in molecular crystals	1973
19730075910	Melting behavior and phase relations of lunar samples	1973
19730075911	Space LOX vent system	1973
19730075912	Space cell test program	1973
19730075913	Research in Particles and Fields in Space	1973
19730075914	Report of the AD HOC panel on attracting new staff and retaining capability during a period of declining manpower ceilings	1973
19730075916	Study of approximation concepts in structural synthesis	1973
19730075917	Activity Report, Fiscal year 1972 - 1973	1973
19730075921	Wall mounted heat exchanger characterization	1973
19730075922	Application of the matrix lattice technique for technical management to NASA bioresearch	1973
19730075923	Design and analysis of an integrated scramjet engine and wind tunnel model design and test preparation	1973
19730075924	Investigation of pilot's role and display requirements in automatic landing	1973
19730075926	Thermodynamics and kinetics of reactions in protective coatings systems	1973
19730075929	ATM history plotter	1973
19730075930	Skylab consolidated instrumentation plan for SL-1/SL-2	1973
19730075932	Studies of the biophysical characteristics of bacterial cell surfaces	1973
19730075939	Evaluation of the ALQ-99-ram air turbine at Mach numbers from 0.3 through 1.6	1973
19730075940	Aging and surveillance testing of a Minuteman LGM-30B stage 2 motor at simulated pressure altitude motor S/N 0032038	1973
19730075941	Separation characteristics of the Mk-82 snakeye and CBU-24B/B stores and the 600 gallon fuel tank from the F-15 aircraft at Mach numbers from 0.6 to 1.6	1973
19730075942	Conceptual design of advanced propulsion systems	1973
19730075944	MODCAST: A computer simulation model of the multichannel fleet broadcast	1973
19730075947	Gas dynamic laser combustion processes	1973
19730075958	Evaluation of proposed changes to spectrum analyzer TS-1379A/U	1973
19730075963	Military potential test of over age/retired T-10 canopies converted to cargo use	1973
19730075966	Objective photo quality measurement	1973
19730075969	All application studies digital computer (AADC) application studies for advanced light attack aircraft	1973
19730075971	Advanced penetration problems program	1973
19730075972	A computer code for dynamic stress analysis of media-structure problems with nonlinearities Samson. Volume 2: Programmer's manual. Part 2: Appendix 2, program listing	1973
19730075973	Handling qualities evaluation of the OH-58A helicopter incorporating the model 570B three axis stability and control augmentation system	1973
19730075978	Production quality assurance testing of a Minuteman 3 LGM-30G stage 2 rocket motor at simulated pressure altitude motor S/N PQA6-60	1973
19730075979	Development of a one gigabit/second optical communications photomultiplier	1973
19730075980	High-performance electronically modulated Tacan antenna	1973
19730075984	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-103	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730075985	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors	1973
19730075987	A continuum theory applied to wave propagation in three-dimensional reinforced composites	1973
19730075988	Final report	1973
19730075989	Project briefs (active projects)	1973
19730075990	Investigation of EMI and implementation of automatic reset capability in RF switching group AN/UPA-61	1973
19730075991	Experimental field-emission cathodes. Design study for photocontrolled field emission for use at low light levels	1973
19730075997	Lightning effects relating to aircraft. Part 3: Measurements of lightning induced voltages in an F4H-1	1973
19730075999	Contributions to the short-term material strengths of platinum materials. 7: Pt-Pd-Rh alloys at 1400C	1973
19730076000	Investigations of containment vessel concepts for airborne nuclear systems. Volume 2: Operations manual for the ESATA 2 computer program	1973
19730076001	Multidirectional reinforced carbon-carbon composites for reentry vehicle applications. Part 1: Weave fabrication, matrix processing studies and composite characterization	1973
19730076003	Electromagnetic surface currents induced by a magnetic dipole source on infinite perfectly conducting surfaces in the presence of an air-ocean interface	1973
19730076004	Production engineering measure for improved reliability of metallized polycarbonate capacitors	1973
19730076005	Broadband near infrared laser detector	1973
19730076006	Engineering investigation of the A-7E ram air turbine driven emergency power package	1973
19730076008	Performance of cascaded MTI and coherent integration filters in a clutter environment	1973
19730076009	Orbital observations of grid sphere drag experiment	1973
19730076011	Flight test, evaluation and calibration of AIMS airborne ATRCBS equipment in the US-2D, TS-2A, US-2A airplanes	1973
19730076012	First article tests of two, type MS90321-78W nickle-cadmium cells, manufactured by General Electric Company under contract N00383-72-C-2798	1973
19730076015	Impaction efficiency of cylindrical collectors in laminar and turbulent fluid flow. Part 1: Inertial impaction theory	1973
19730076020	Electro-interference test report for the missile simulator electrical functions and launch, figure A4490M, Revision A	1973
19730076021	Aerial delivery FMU-56 adaptation, proximity fuze/altitude sensor	1973
19730076022	Vulnerability study of a generic aircraft fuel subsystem - fuel flammability properties	1973
19730076023	Technical evaluation of electronically scanned TACAN antennas Rantec model AT-100	1973
19730076024	Mark 14 recovery system human engineering plan	1973
19730076025	Evaluation of Fairchild QL587710 integrated circuit voltage comparator	1973
19730076026	Remote interrogation information exchange system: A technically viable aid to Naval command and control	1973
19730076027	Phase-incoherent synchronization in frequency-hopping communication systems	1973
19730076028	Potential high strength aluminum alloys for LAW rocket motor and closure bodies	1973
19730076029	Solar Collector Thermal Power System (SCTPS)	1973
19730076030	Vibration and temperature survey CH-54B helicopter	1973
19730076031	State variable analysis	1973
19730076032	Theory of ionospheric modification Bandel	1973
19730076033	Brittle materials design high temperature gas turbine	1973
19730076036	Aging and surveillance testing of an Aerojet Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude (motor S/N TMS-10)	1973
19730076039	Production engineering measure for 25 mm intensified diode array camera tube	1973
19730076040	Design of the LAW warhead/rocket motor connection (rocket HE, 66mm AT M72A2)	1973
19730076042	Design and development of switch, launchery S/A 2.75 inch rocket system (part no. 9256627)	1973
19730076043	Helicopter jettisoning on non-aviation ships	1973
19730076044	Performance capability of the A-4E aircraft when towing a large gunnery target	1973
19730076045	Tow night sight tests	1973
19730076046	High speed liquid chromatographic separations of thermally labile high energy compounds. Part 1: Application of high speed liquid chromatography to the qualitative analysis of compounds of propellant and explosives interest	1973
19730076047	Susceptibility of TGS pyroelectric detectors to laser damage	1973
19730076050	Weak link assembly test report	1973
19730076051	C-5A main landing gear stress analysis, volume 1	1973
19730076052	Techniques and circuits for optical signals (TACOS). Task 3: Circuit design, appendix	1973
19730076054	Analysis of an exducer failure in a GT-10054 engine	1973
19730076057	Aging and surveillance test of a Bell Aerospace Company propulsion system rocket engine at simulated altitude, system S/N A4V0332 SUR-5	1973
19730076059	Application of advanced composites to patrol craft hydrofoils	1973
19730076060	Target towlines for fleet training anti-air weapon exercises	1973
19730076067	Virene and least squares estimates of the parameters in the Gompertz model: The VIRE digital computer program	1973
19730076070	Electrically short antenna for 160 MHz to 176 MHz	1973
19730076071	Thermal blooming of nondiffraction-limited beams	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076072	X-band phased array, semi-active missile seeker development	1973
19730076073	Aging and surveillance testing of an aerojet Minuteman LGM-30G Stage 3 rocket motor at simulated pressure altitude motor S/N AOP-4	1973
19730076075	A study of the application of the extended aperture principle to very broadband steerable HF arrays	1973
19730076076	Guided bombs and the ground commander	1973
19730076077	Structure property study of rain erosion resistant polyurethane coatings	1973
19730076080	Supersonic inlet design and airframe-inlet integration program (Project Tailor-Mate). Volume 1: Vehicle conceptual design and performance analysis	1973
19730076081	Supersonic inlet design and airframe-inlet integration program (Project Tailor-Mate). Volume 2: Forebody flow-field investigation	1973
19730076082	Simulation of mesoscale winds over complex terrain using a three layer shallow fluid analogy	1973
19730076083	Evaluation of glutaraldehyde/silicone treatment of GS/FRP-1 summer flying gloves	1973
19730076085	Color controllable optical jammer source	1973
19730076087	Initial production test (reliability and maintainability) of transponder test set AN/APM-123 V1	1973
19730076088	Mechanical properties of two billets of ATJ-S (WS) graphite, volume 2	1973
19730076089	Advanced inertial technologies, volume 1	1973
19730076090	Advanced mode control and high-power optical technology. Volume 1: mirrors, windows, gratings, and coatings	1973
19730076091	Advanced Ballistic Concepts (ABC) program. Final design/development report for the CG control system, volume 1	1973
19730076092	Optimum repair level analysis program documentation, volume 2	1973
19730076098	Development of independent emergency electric system	1973
19730076099	Cold cathode vidicon	1973
19730076100	Survivability of air launched guided weapons in a fire environment	1973
19730076101	M60A1E3 tank laser rangefinder	1973
19730076105	Determination of size distribution and number concentration of small aerosol particles by light-scattering measurement	1973
19730076106	High efficiency X-band and Ku-band gunn devices	1973
19730076107	Research and development programs of the Flight Control Division, AF Flight Dynamics Laboratory prepared for the SAE	1973
19730076108	Large-area plasma display panel	1973
19730076110	Multiplex techniques safety study	1973
19730076111	Polygraphites subjected to temperature stress loadings	1973
19730076112	Research and development on technologies for welding HY-180 steel	1973
19730076113	Secondary zinc-oxygen batteries	1973
19730076114	RF cleaning - ring laser gyro	1973
19730076115	Reliability of thin film nichrome resistors used on radiation hardened integrated circuits	1973
19730076116	Nuclear survivability test and analysis heavy lift helicopter HLH airblast and thermal radiation	1973
19730076118	Computer aided detection for wideband passive sonar systems	1973
19730076121	The Azores range	1973
19730076122	The effect of cryogenic temperatures on various commercial batteries	1973
19730076123	Standardization of signal generators, task B, Phase 1, 2, and 3	1973
19730076125	The RF transmission experiment in SECEDE 2 and a model for the electron concentration in the ion cloud from high altitude barium release plum	1973
19730076126	Antonov AN-8	1973
19730076127	Active low light level television	1973
19730076129	AADC RAMM-I/O functional block diagram design study	1973
19730076130	Ballistic missile defense research tasks and studies	1973
19730076131	Conceptual design of a 164-kw lithium seawater power system	1973
19730076133	Category 2 desert test of the HH-53C helicopter, appendix 3, volume 1	1973
19730076134	Wind tunnel investigation of aerodynamic loads on weapons separated from carriage under the wing of a tactical fighter aircraft at supersonic speeds	1973
19730076137	Modular design synthesis program documentation	1973
19730076139	Capability assessment for tow target systems employed in fleet anti-air weapon training firing exercises	1973
19730076140	Proposal for the development of an integrated tow target system	1973
19730076141	Evaluation of the BAK-13/F48A aircraft arresting system	1973
19730076142	Projection measuring system for integrated circuit production	1973
19730076143	New generation microdensitometer design study, phase 1	1973
19730076144	The flammability, thermal stability, and dyeability properties of high temperature organic fibers	1973
19730076145	Large area plasma display panel	1973
19730076146	Surface fluid and boundary layer interaction aspects of transpiration-cooled nosetip concepts	1973
19730076154	NAVSHIPS display illumination design guide. Section 2: Human factors	1973
19730076155	Experimental programmable modem	1973
19730076157	Evaluation of personnel and training requirements for the RA-5C MMF (Mobile Maintenance Facility)	1973
19730076160	Collision of plates and gravity anomalies	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076162	Response of fuel cells of the UH-1D helicopter to hydraulic ram forces	1973
19730076163	Production engineering measure for moderate power fiber optic laser arrays	1973
19730076164	Reliability test plan and procedures for AN/APQ-109 radar system	1973
19730076165	General solution of the stationarity equation	1973
19730076166	ITCS drone interface equipment program	1973
19730076167	MK82 BALLUTE retarder system structural qualifications	1973
19730076168	Laser Digest, spring 1973	1973
19730076169	Examination of foreign propellant sample by combined high performance liquid chromatography and infrared spectrometry	1973
19730076170	Program to develop high strength aluminum powder metallurgy products. Phase 4A: Vacuum process verification	1973
19730076172	Store and pylon loads test of a 1/12-scale model of the F-111C aircraft at transonic mach numbers	1973
19730076175	Variable camber wing	1973
19730076177	The explosive welding method	1973
19730076181	Advanced production engineering for lithium niobate crystals for q-switch	1973
19730076182	Design of landing-mat-surfaced airfields for operation of C-5A aircraft	1973
19730076183	Climatic laboratory evaluation of the HH-53C helicopter. Data supplement	1973
19730076184	High pressure transducer	1973
19730076186	Water activated zinc-silveroxide primary battery	1973
19730076187	Strengthening of Fe-Cr-Al-y oxidation resistant alloy	1973
19730076188	AMF model CSV 1152-5 solid state DC voltage regulator, qualification	1973
19730076189	Foreign actuator technology program	1973
19730076192	Effect of prevaporized fuel on combustor performance	1973
19730076193	Survey of flight load parameters of service aircraft	1973
19730076194	Research investigations related to chemical lasers	1973
19730076195	Production engineering measure for high reliability aluminum electrolytic capacitors	1973
19730076196	EMP hardened circuits	1973
19730076197	Base networks: Direction of progress and development geodetics	1973
19730076198	Evaluation of the BQM-34E production target system. Test and evaluation and missile-to-target firing program	1973
19730076199	Cathode-driven, high gain, crossed-field amplifier	1973
19730076200	Investigation of methods of extracting laser beam from a gas dynamic laser	1973
19730076202	SAM-D engineering development status. Volume 1: Narrative summary	1973
19730076204	Investigation of the effects of airframe design on inlet flow fields	1973
19730076206	Navy technical facility register. Volume 2: Sections 18-29 and indexes	1973
19730076211	Towed HAST flight demonstration	1973
19730076212	Evaluation of the Single-Path-Doppler/Miss-Distance-Measurement (SPD/MDM) system for exoatmospheric intercept applications	1973
19730076213	Research and development programs of the Flight Control Division, AF Flight Dynamics Laboratory	1973
19730076214	Engineering study of development of two level anodized aluminum interconnects for MSI and LSI, part 2	1973
19730076216	Test and evaluation of special engine tools for model T64-GE-6,-412/413 turboshaft engines	1973
19730076217	Test and evaluation of special engine tools for model T58-GE-8,-10 turboshaft engines	1973
19730076220	Manufacturing methods and technology measure for nickel-zinc secondary batteries	1973
19730076221	Penetration systems studies 3. High altitude plume technology. Task 4.9.3 - low density fluid mechanics	1973
19730076223	Production engineering measure for electronic quality Assurance test equipment, automatic (EQUATE)	1973
19730076226	Aerodynamic characteristics of the Hawk missile in the flow field of the F-4E aircraft at transonic speeds	1973
19730076228	Lightweight hydraulic system development	1973
19730076230	Rapid charger for maintenance-free batteries	1973
19730076232	C-5A category 1 engineering flight test guidance subsystem test results. Volume 5: Radar altimeter equipment	1973
19730076233	Effect of mass addition and angle-of-attack on the turbulent boundary layer characteristics of a slender cone, volume 1	1973
19730076234	Aero acoustic loads associated with high-beta re-entry vehicles, volume 1	1973
19730076235	Proposed ten-year plan for aerial target development and utilization. Volume 10: Navy aerial target procurement and inventory	1973
19730076236	Synthesis of thermally stable polymers	1973
19730076237	Analytical models for the B-52H, EC-135A and 747-200 aircraft. Volume 3: 747-200 aircraft (SAAGUST models)	1973
19730076238	Lightweight hydraulic system development, supplement 1	1973
19730076240	THAD (Terminal Homing Accuracy Demonstration) autopilot parts	1973
19730076241	Research study of radar reliability and its impact on life-cycle costs for the APQ-113, -114, -120 and -144 radars	1973
19730076242	Monitor/Navy technical evaluation of the NAVOCEANO RP-3A (ocean research and ice reconnaissance aircraft)	1973
19730076243	Deep-hardenable titanium alloy	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076248	Spinel ribbon	1973
19730076249	Integrated airframe - nozzle performance for designing twin-engine fighters. Volume 2: Wind tunnel data identification and presentation	1973
19730076250	Integrated airframe - nozzle performance for designing twin-engine fighters: Volume 3: Operating manual for nozzle internal method of characteristics computer deck	1973
19730076251	Integrated airframe - nozzle performance for designing twin-engine fighters. Volume 4: Operating manual for subsonic axisymmetric nozzle boattail drag computer deck	1973
19730076252	Integrated airframe - nozzle performance for designing twin-engine fighters. Volume 5: Operating manual for supersonic axisymmetric nozzle boattail drag computer deck	1973
19730076253	Integrated airframe - nozzle performance for designing twin-engine fighters. Volume 6: Revised operating manual for twin nozzle/afterbody drag and nozzle internal performance computer deck	1973
19730076254	The flammability, thermal stability, and dyeability properties of high temperature organic fibers	1973
19730076256	Air and water cooling of NAFI: SHP modules	1973
19730076257	Response of materials to impulsive loading	1973
19730076258	Measured performance of the antenna phase shifter for the AEGIS system	1973
19730076262	Development of reliability prediction techniques for non-avionics	1973
19730076263	Flying laboratory LALA-1 engineering problems	1973
19730076264	High power infrared laser window materials (LQ-10 program)	1973
19730076265	Close air support missile/terminal homing flight test vehicle (CASM/THFTV) system - autopilot analysis	1973
19730076267	Integrated airframe - nozzle performance for designing twin-engine fighters, volume 1	1973
19730076269	Reentry vehicle materials technology (REVMAT) program. Graphite from synthetic precursors	1973
19730076270	Exhaust system interaction program	1973
19730076271	Reliability evaluation of LSI microcircuits	1973
19730076273	Two-dimensional Fresnel integral computer program. User's manual	1973
19730076274	Active optical techniques study program	1973
19730076275	Production quality assurance testing of a Minuteman 3 LGM-30G stage 2 rocket motor at simulated pressure altitude motor S/N PQA6-64	1973
19730076278	Guidance and control directorate development plan	1973
19730076279	Investigation of Microwave Instantaneous Frequency Indication Receiver (MIFIR)	1973
19730076282	Polarization effects on direction finding	1973
19730076283	Radome effects on high gain radar antennas	1973
19730076284	Pyroelectric/integrated circuit infrared imaging array development	1973
19730076285	Meteorological applications of passive microwave radiometry. Volume 3, part 1: Final report	1973
19730076286	Meteorological applications of passive microwave radiometry. Volume 3, part 2: Detailed analysis appendices A-G	1973
19730076287	Compatibility test of the LAU-61/A pave rocket launcher with the F-4 aircraft	1973
19730076288	Environmental testing in aircraft shelters	1973
19730076290	Pulsed metal vapor lasers	1973
19730076291	Low-cost tooling for compression molding of composite materials	1973
19730076293	Composite box beam optimization. Experimental data supporting technology development and preliminary design	1973
19730076294	Interferometric measurements with OH propagated HF signals	1973
19730076295	Measurements on the polarization fading of OH propagated HF signals	1973
19730076296	Production quality assurance testing of a Minuteman 3 LGM-30G Stage 2 rocket motor at simulated pressure altitude (Motor S/N POA6-63)	1973
19730076298	Sparrow missile captive flight: Simulation of dynamic loads	1973
19730076299	Integrated ablative and radiative heat shield panels and leading edges for high L/D reentry vehicles	1973
19730076300	Evaluation of the DESI (DIGITAL End-Speed Indicator) system	1973
19730076301	Dynamic fracture of beryllium under plate impact and correlation with electron beam and underground test results	1973
19730076302	Production engineering measure for S and C band injected beam crossed-field amplifiers employing ceramic mounted slow wave structure	1973
19730076303	Broadband near infrared laser detector	1973
19730076304	Broadband semitransparent photocathode development	1973
19730076305	Prototype 1.06 micron image intensifier	1973
19730076306	Titan 2 reliability and Aging Surveillance Program (RASP)	1973
19730076307	Evaluation of materials in a high heat flux radiant thermal energy environment	1973
19730076308	Digital troposcatter: State-of-the-art modulation techniques	1973
19730076309	Investigation of ceramic dielectrics for high energy storage application in laser devices	1973
19730076311	A turbulent diffusion flame theory for second order chemical reaction in a turbulent shear layer with applications to chemical lasers	1973
19730076312	Flight evaluation of optimal commands for F-106 energy management	1973
19730076313	Structural analysis of the Mark 7 jet blast deflector operating mechanism for the CVAN 68. Revision A	1973
19730076314	Metallurgical analysis of the F14-A BUNO 158617 combined hydraulic system main pressure line failure	1973
19730076316	Simple telemetry transmitter power level determination (SEEK TELL)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076319	Reflection from N-layer dipole array	1973
19730076320	Control of projectiles by means of impulse explosive charges	1973
19730076321	Concept, use and background for HARPOON weapon system environment design criteria	1973
19730076322	Manufacturing methods for production of single crystal gallium phosphide	1973
19730076323	Production engineering measure for an electron-beam machine and microwave transistors	1973
19730076324	Production engineering measure, high power xenon lamps	1973
19730076325	Modified Contactor Control Cubicle (CCC), bare base electrical power system	1973
19730076326	Clear aperture anti-frost technology	1973
19730076327	Investigations on a more accurate solution of Stokes' problem	1973
19730076329	Flowing of non-Newtonian fluids	1973
19730076330	Development of RT-1106/APX improved ADAPT RF unit	1973
19730076333	Design verification of the AMF Electrosystems Division 2500 VA, 3/1 phase, rotary inverter, P/N MGE-23-400A	1973
19730076334	Design guidelines for EMP hardening of aeronautical systems	1973
19730076335	Hydrazine safety report	1973
19730076336	Concept of operations for a support and trainer aircraft	1973
19730076337	Spray rig icing trials of the HH-2D helicopters	1973
19730076338	Large profile target test	1973
19730076339	Manufacturing methods for fabrication of meshless storage display tubes	1973
19730076340	Integrated parametric amplifiers	1973
19730076341	Transfer alignment test program	1973
19730076342	Progress report no. 28	1973
19730076344	A laser meteorological system study	1973
19730076345	Comparative analysis of time domain reflectometers	1973
19730076346	Evaluation of General Electric solid state DC voltage regulators P/N 3S2060DR153A2 and P/N 3S2060DR152A1	1973
19730076347	Black Brant rocket AAD-3B-64 and AAD-3B-65 launched at Churchill Research Range 21 and 23	1973
19730076349	Active night covert viewing system (ANCOVS)	1973
19730076350	Evaluation of Versatile Avionics Shop Test (VAST) AN/USM-247(V)	1973
19730076351	Dial flower SPR-6 radar operation	1973
19730076352	Thermal reactivity of polybutadiene	1973
19730076353	Overall airframe fatigue experiment	1973
19730076354	Influence of surface microstructure on the evolution of the combustion rate of composite solid propellants as a function of pressure	1973
19730076355	Studies on charging performance of over-discharged lead acid batteries	1973
19730076356	Advanced Eulerian computational methodology	1973
19730076357	OT and E of the AN/PPN-17 radar beacon transponder	1973
19730076358	SRU-21/P survival vest with modified PRC-90 survival radio pocket	1973
19730076359	Electronic threads into the cosmos	1973
19730076360	Production verification flight test program for flight control system, target drone, USAF Type A/A37G-8	1973
19730076361	Quenching of hydrogen vibrations by water	1973
19730076363	AN/SPN-41 instrument landing system certification of USS Kitty Hawk	1973
19730076364	Power systems study for a range of Artic surface effect vehicle sizes and performance requirements	1973
19730076365	A simplified orostrophic adjustment model	1973
19730076366	Evaluation of RF absorbers for rocket motor Mark 66	1973
19730076367	F-4 RAT blade study	1973
19730076369	Linearized theory of the solid propellant rocket with modulated exhaust	1973
19730076370	Failure analysis of porous electrodes	1973
19730076371	White Sands Missile Range ATRBS performance analysis	1973
19730076372	Integrated solid state transceiver	1973
19730076373	Fracture toughness testing of high strength materials in high-pressure, ambient temperature, gaseous hydrogen environments	1973
19730076374	A semi-empirical technique for predicting laminar flow separation due to jet pluming	1973
19730076375	Individual motor report M55A1 Minuteman operational quality assurance rocket motor QA-1207, 0013862	1973
19730076376	The calculation of one dimensional wave propagation in layered linear viscoelastic media	1973
19730076377	Carrier aircraft maintenance support improvements man-on-the-move communications (CAMSI Momcoms) developmental test and evaluation	1973
19730076378	Law laser rangefinder design study and demonstration model	1973
19730076379	Production engineering measure for a broadband, 225-400 MHz, 25W power transistor	1973
19730076380	Overall airframe fatigue test F 104 G	1973
19730076381	Shaw AFB rivet switch collocation analysis	1973
19730076382	Free radical film heat processor	1973
19730076383	Active responsive filters	1973
19730076384	TF41-A-2 component improvement evaluation - performance test	1973
19730076385	Blades (stage-2 OSA/NAT) test using the SA341/01 helicopter tests 200-243	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076386	Advanced electron device technology	1973
19730076387	Man overboard package: Development and prototype testing	1973
19730076388	Electro-optical surveillance - Cloudcroft	1973
19730076392	Experimental determination of magnetic hysteresis losses in laminated electrical steels in the 1000- to 3000-hertz range	1973
19730076393	Qualification test of EMP Electronics, Incorporated 150 VA autotransformer	1973
19730076395	Report on the DGLR Symposium, Flightmechanical Simulation - On the Ground or in the Air	1973
19730076396	Low-cost S-band transmitter tube for phased array radars	1973
19730076403	IRCM simulation study (U)	1973
19730076404	Cost effective study (IR systems) (U)	1973
19730076405	Analysis of the Hast rocket exhaust plume infrared and radar characteristics (U)	1973
19730076411	Lamps Mk 3 ASW system analysis (U)	1973
19730076413	Passive A/C detection and tracking-PACDAT (U)	1973
19730076415	Short range air target tracking enhancement (U)	1973
19730076417	Evaluation of LAGUMS MPT testing phase 2A (U)	1973
19730076421	Tower test of metal sensor (U)	1973
19730076422	GE12 1500-SHP demonstrator engine follow-on program. Volume 1A Design and test results (U)	1973
19730076423	GE12 1500-SHP demonstrator engine follow-on program. Volume 1B. design and test results (U)	1973
19730076425	Countermeasures research (U)	1973
19730076426	HF broadcast and ship/shore network engineering: Mediterranean area (U)	1973
19730076427	The SMAWT program. Volume 5: System test (U)	1973
19730076428	Project Surpass wake detection trials (U)	1973
19730076464	Minifade (U)	1973
19730076475	SIDCAP 8: Computer programs to implement the algorithms LINK, LOOP, SURR, and TYPE and a feature extraction demonstration	1973
19730076491	Impact resistance of carbon fibre reinforced plastics	1973
19730076493	A technique to determine the apparent viscosity changes during the initial stages of cure of a resin	1973
19730076496	Amplification of Reynolds number dependent processes by wave distortion	1973
19730076499	Optimum design of simple structures using an optimality criterion	1973
19730076500	A finite element formulation for subsonic flows around complex configurations	1973
19730076502	Design fabrication and acceptance testing of a zero gravity whole body shower, volume 2	1973
19730076503	Drawing package for zero gravity whole body shower, Volume 2, Part 2	1973
19730076507	Response of building structures to environmental noise of seismic, acoustic and aerodynamic origin	1973
19730076508	Investigation of the oxidation behavior of dispersion stabilized alloys when exposed to a dynamic high temperature environment	1973
19730076510	Investigation of digital flight control systems	1973
19730076512	Synthesis and characterization of polyamino acids prepared under prebiotic atmospheres from prebiotic proportions of amino acids	1973
19730076513	Lighting effects on ground support cable systems at launch complex 39-KSC	1973
19730076514	ASEE-NASA summer institute, 1973	1973
19730076515	Hydrogenery: A systems analysis	1973
19730076516	NASA-ASEE summer faculty research institute	1973
19730076517	The 1973 NASA-ASEE Summer Faculty Workshop in Engineering Systems Design	1973
19730076518	Design engineering materials compatibility study	1973
19730076519	France: Nuclear, missile, and space developments, no. 366	1973
19730076520	Results of AS-513 facilities and environmental measurements	1973
19730076521	TERRASTAR: Terrestrial application of solar technology and research	1973
19730076522	ASEE-NASA summer research program 1973	1973
19730076523	The 1973 NASA-ASEE summer faculty fellowship research program	1973
19730076524	ASEE-Case-NASA Lewis summer faculty fellowships	1973
19730076525	ASEE-NASA summer faculty fellowship program	1973
19730076528	Test evaluation of overwrapped pressure vessels	1973
19730076533	Calibration procedures twenty-four channel multipoint recorder	1973
19730076534	Skylab 3/Skylab rescue launch mission rules (SL-3/SL-R)	1973
19730076535	Delta-94 TELESAT-B operations summary	1973
19730076536	Operation and calibration procedures meteorological and lightning data acquisition system launch complex 39	1973
19730076537	Preventive maintenance program for Measurements Laboratories Branch	1973
19730076546	Study on photon absorptiometer	1973
19730076547	Integrated target control system AN/USW-3 (XN-1) (V)	1973
19730076548	An analysis to determine the effect of the atmosphere on the contrast produced by flare illumination	1973
19730076549	Patent on improved antenna reflector issued without government guaranty	1973
19730076555	Short range radar seeker (FAST)	1973
19730076556	Portable landing lights	1973
19730076558	Studies in optics	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076559	Survivable MOS array computer	1973
19730076560	Advanced metallic air vehicle structure program	1973
19730076567	Sliding-seal electron-beam welding of aerospace structures	1973
19730076570	Parametric devices	1973
19730076572	Sapphire filaments	1973
19730076573	ITCS drone interface equipment program	1973
19730076574	Limited Navy evaluation of the A-6E TRAM airplane	1973
19730076576	Study tour on welding technology in the USSR	1973
19730076578	Microwave steerable antenna array	1973
19730076579	Ground materiel	1973
19730076581	A low frequency Rayleigh wave: Laser probe stress measuring system	1973
19730076584	A small rugged 200 kilobit/second laser communications system	1973
19730076585	Impulsive response investigation of S-200-E beryllium rings	1973
19730076589	Theoretical and experimental studies of cross-current compressors (second art - double flow operation, cross-current compressor)	1973
19730076592	Development of lithium niobate Q-switch	1973
19730076597	Research and special projects report for 1972	1973
19730076599	Black Brant rocket AND-IIIB-63 launched at Churchill Research Range 1923 CST 30 November 1972. Measurements of cosmic background radiation 2 mm to 100 microns	1973
19730076605	The latest methods for measuring the size of aerosol particles: Light scattering particle counter	1973
19730076606	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment in the C/V-C-118 aircraft	1973
19730076607	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the A-6A airplane	1973
19730076608	SAFSCOM support EMP/RFI interface evaluation for USAEDH SAFEGUARD tactical ground facilities hardness program - EMP. Volume 4, book 2: Par facility penetration data equipment data and analyses	1973
19730076609	SAFSCOM support EMP/RFI interface evaluation for USAEDH SAFEGUARD tactical ground facilities hardness program - EMP. Volume 6, book 1: MSCB-MSPP penetration data equipment data and analyses	1973
19730076610	SAFSCOM support EMP/RFI interface evaluation for USAEDH Safeguard, tactical ground facilities hardness program - EMP. Volume 6, book 2: MSCB-MSPP penetration data equipment data and analyses	1973
19730076611	SAFSCOM support EMP/RFI interface evaluation for USAEDH safeguard, tactical ground facilities hardness program - EMP. Volume 8: Collocated launch area penetration data equipment data and analyses	1973
19730076613	Production engineering measure for low radiant power infrared sources	1973
19730076614	Limited performance and flying qualities tests and structural demonstration of the Airborne Laser Laboratory NKC-135A aircraft	1973
19730076616	General dimensional features and service requirements of US Naval helicopters	1973
19730076617	Propagation effects of a slewed beam with transverse wind null spots	1973
19730076619	Q-switched neodymium laser retinal damage in rhesus monkey	1973
19730076620	Technical characteristics of conventional pendant/barricade recovery systems designed for V/STOL aircraft and the second stage sea control ship	1973
19730076621	Mass employment of the Low-Altitude Parachute Extraction System (LAPES). Addendum	1973
19730076627	Polarized injection laser development	1973
19730076629	Investigation of carrier suitability test aircraft in support of the analytic rework program	1973
19730076636	Design and development of cryogenic turbo refrigerator systems. Volume 1: Sections 1 through 2	1973
19730076637	Design and development of cryogenic turbo refrigerator systems. Volume 2: Appendixes 1 through 8	1973
19730076638	Design and development of cryogenic turbo refrigerator systems. Volume 3: Appendixes 9 through 17	1973
19730076639	An active optical ground sensor for a parachute retrorocket airdrop system (PRADS)	1973
19730076640	Experimental investigation and testing of the 1-kJ Nd (3 plus) glass face-pumped laser amplifier module	1973
19730076642	Engineer design test of rough terrain tactical air cargo loader	1973
19730076645	A closed form solution of the CONUS backtrack problem	1973
19730076648	R.R.S. discovery Cruise 50, October 1972. Equipment trials and geological observations in the English Channel and North Sea	1973
19730076649	Development project VX 5126 L-band pulsed power amplifier small signal gain theory for linear beam tubes	1973
19730076651	X-band image recovery mixers with reduced conversion loss	1973
19730076659	The high oxygen potential on platinum using incinerated air and pure water	1973
19730076662	Evaluation of the image forming ability of an infrared line scan system	1973
19730076668	Tapped delay lines using bucket-brigade technique	1973
19730076669	Rugged glow modulator	1973
19730076670	Development work for D.C.V.D. (Ministry of defence) undertaken by ITT Components Group Europe, Valve Product Division, Paignton	1973
19730076671	O-band magnetron, 5 kw	1973
19730076676	The correction of earth-tide observations for indirect effects as a boundary-value problem of mechanics	1973
19730076679	HEPS (Helicopter Escape and Personnel Survival system)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076680	Effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 17: Strength of joints to selected corrosion resistant finishes	1973
19730076681	Temperature characterization of CFM memory stacks - AADC	1973
19730076683	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors	1973
19730076684	Resonant search test report - S3-1 satellite	1973
19730076686	Development Project VX.5116: A low light level rugged camera tube. Development project VX.5129. A high voltage silicon avalanche photodiode with integral bias reference diode. Development project VX.5131. A sensitive large diameter ultra-sonic image converter tube	1973
19730076688	Techniques for the stabilization of Pettman cement	1973
19730076689	ACLS certification of USS John F. Kennedy (CVA-67)	1973
19730076690	Multiplace life raft container	1973
19730076691	PP-6355()/U power supply	1973
19730076692	Rope project	1973
19730076693	UHF PNP transistors and broadbanding and packaging study	1973
19730076694	Development test 2 (engineering phase) of anti-laser goggles	1973
19730076695	Advance turbine engine seal design	1973
19730076696	Integrated nose tip program	1973
19730076697	Laboratory tests Titan 3C accelerometers	1973
19730076698	OT and E of the F-111D/MK 2. Annex F, phase 1F: F-111D air-to-air	1973
19730076699	Propellant surveillance report, LGM-30 A B stage 1 TP-H1011	1973
19730076700	LGM-30B stage 2 dissected motors	1973
19730076701	Development of flight test technology transfer function approach to airframe parameter identification using an analog computer	1973
19730076702	Optimization of the element excitation of a phased array antenna	1973
19730076703	Facility evaluation for the Lance propulsion system government validation test program	1973
19730076705	Engineer design test of individual survival vest for aircrewmembers. Addendum	1973
19730076706	AN/TSC-60(V)-1 communications central	1973
19730076707	A study of constant aperture and constant beamwidth, horizontally polarized linear array configuration	1973
19730076708	X-band diode phase shifters	1973
19730076709	Direct current polarization in oxygen-ion-conducting solid electrolytes	1973
19730076710	Electromagnetic effectiveness investigations of near-field obstacle effects, antenna coupling and phased arrays	1973
19730076711	Evaluation tests of two MS18045-49 batteries manufactured by Marathon Battery Company to MS90365-1 and -2 requirements	1973
19730076712	Design, development, and flight test of a vertical fin mounted pitot-static boom for A-4 aircraft	1973
19730076713	Low noise Schottky FET integrated microwave amplifiers	1973
19730076714	Integrated monolithic photosensor arrays	1973
19730076715	Joint test of 1528 LAPES phase 1	1973
19730076716	Development test 2 (service phase) of net, cargo for load bearing modular platform coupling, extraction force transfer (platform), release, cargo parachute, medium capacity under Arctic winter conditions	1973
19730076717	Operational optimization in a plasma wind tunnel by controlling the pressure in the acceleration range	1973
19730076718	Calculation of wall corrections for transonic wind tunnels	1973
19730076719	Junction growth techniques for GaAs avalanche transit time devices	1973
19730076720	Production engineering measure on gating transistors	1973
19730076721	Production engineering measure on gating transistors	1973
19730076722	Aberdeen blast-fragmentation, fixed-angle fuze missile end game simulation (AMEGS)	1973
19730076723	Time division multiple access equipment group	1973
19730076724	LSI MOS circuits for radar	1973
19730076726	Test report, N-9, KB-3, and KS-27 camera systems	1973
19730076727	Investigation of fiber-reinforced plastic deep submergence pressure hulls	1973
19730076729	Exploratory developments leading to improved carbon-carbon composite materials	1973
19730076730	Effects of varying processing parameters in the fabrication of adhesive-bonded structures. Part 20: Sealants (comparative evaluation of performance in two typically encountered joint configurations)	1973
19730076731	Digital control techniques for terminally guided air-to-surface weapons	1973
19730076732	Operations evaluation of TAC Drone ground recovery	1973
19730076733	Production engineering for growth of synthetic calcite polarizer material	1973
19730076734	S/K sub a band varactor upper-sideband power upconverter	1973
19730076735	Head-up display study	1973
19730076736	Production engineering measure for a high power, fast switching silicon controlled rectifier	1973
19730076741	AN/ARC-114 phase front homing modification and test	1973
19730076742	The physiologic effect of cosmic radiation	1973
19730076743	Use of catapult slot-seal-system to control above-deck steam emission	1973
19730076744	Gravity values in the northeast and central-eastern region of Brazil	1973
19730076745	Groupwise elevation regressions of Bouguer anomalies as an aid to gravity prediction	1973
19730076748	Conference on Microbiological Deterioration of Military Materiel (21st)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076749	SRI single-antenna repeater	1973
19730076750	Airport construction problems (selected portion)	1973
19730076751	AFAR program, volume 1	1973
19730076752	Sensor netting program. Volume 2: Field demonstrations	1973
19730076754	Arctic surface effect vehicle program. Volume 2: Task 2.1.2.(A). Skirt configurations	1973
19730076755	Arctic surface effect vehicle program. Volume 8: Task 2.1.9. Reliability and maintainability	1973
19730076756	Multiplexing in aircraft subsystems, volume 1	1973
19730076757	Multiplexing in aircraft subsystems, volume 2	1973
19730076758	Arctic surface effect vehicle program. Volume 1: Structural design study	1973
19730076759	Lightning effects relating to aircraft. Part 4: Structural properties of graphite fiber epoxy and polyimide composites after exposure to simulated lightning	1973
19730076760	Evaluation of current optical countermeasures systems within CEFIRO. Part 2: General test plan for evaluation of ocm sources	1973
19730076761	Aero acoustic loads associated with high-beta reentry vehicles, volume 2	1973
19730076762	Hybrid fluorosilicones for aircraft fuel tank sealants. Part 3: Synthesis of fluorocarbons and fluorocarbon ether hybrid fluorosilicone polymers	1973
19730076763	Fluids, lubricants, fuels and related materials	1973
19730076764	High temperature thermally stable greases, part 2	1973
19730076765	Mechanical and thermal property data for an yttria stabilized zirconia, a low density carbon foam and thermal properties of a polyester-sisal material	1973
19730076766	Manufacturing methods for machining processes for high modulus composite materials. Volume 2: Material removal tests and results	1973
19730076767	Analytical models for the B-52H, EC-135A and 747-200 aircraft. Volume 5: 747-200 aircraft (SAAGUST) response examples	1973
19730076769	Reliability engineering: Reliability design analysis technique development. Part 2: Specific systems	1973
19730076770	Multiple Tracker Orbit Prediction (MTO). Volume 2: Radar simulator programmer's instructions	1973
19730076771	Polar fox 2: Experimental phase. Volume 1: Fall data and summary	1973
19730076772	Meteorological applications of passive microwave radiometry. Volume 3, part 3: Detailed analysis, appendix H	1973
19730076773	Validation of the cosine analysis model (COSAM) for selected VHF FM equipments	1973
19730076774	Feasibility of AEW antenna for SH-3H aircraft	1973
19730076775	Shipboard inspection and test procedures, LPH-2 and LHA-1 class ships, visual landing aids marking and lighting	1973
19730076776	Flight test and evaluation of the AN/ARA-63 in the A-4F airplane	1973
19730076777	A-7 in-flight engine condition monitoring system evaluation	1973
19730076778	Surveillance quarterly report, stage 1 dissected motors. Phase 5: Propellant and component testing	1973
19730076779	High speed parallel to serial to parallel multiplexers	1973
19730076780	Laser transceiver electronics 1	1973
19730076781	Cooled metal laser mirrors: State-of-the-art review	1973
19730076782	Magneto-optic interactions	1973
19730076783	Moving-base simulation of the F-14 stall/spin	1973
19730076784	Thermal-optic distortion-free solid laser technology	1973
19730076785	Aerodynamic coefficients of a jet flap helicopter rotor while hovering	1973
19730076786	New lines of development in the field of impulse pressing of powders	1973
19730076787	Production engineering measure for 18 mm microchannel wafer image intensifier tube	1973
19730076788	Sampling tests of one, type MS 90365-2, nickel-cadmium aircraft battery, manufactured by Gulton Battery Corporation, under contract N00383-72-C-4036	1973
19730076789	Hydrazine compatibility survey	1973
19730076790	Design verification of the Wagner 200 ampere converter P/N 28VS200Y-13	1973
19730076791	Video display system	1973
19730076792	An investigation of the potential benefits of direct sideforce control from a mission viewpoint	1973
19730076793	Evaluation of modified ADSID 3/N	1973
19730076794	Protective coatings for hybrid microcircuits	1973
19730076795	Integrated target control system AN/USW-3(XN-1) (U)	1973
19730076796	Evaluation of runway alignment indicator lighting system/runway end identifier lighting	1973
19730076797	Production engineering measure for development of production capability for reliable high voltage energy storage capacitors	1973
19730076798	Heat and mass exchange on droplets at high vapor partial pressures and high vapor partial pressures, applied to an injection cooler with parallel flow	1973
19730076799	Calculation of wall corrections for transonic wind tunnels	1973
19730076800	Overall airframe fatigue experiment	1973
19730076801	Study of heat transfer in honeycomb structures	1973
19730076802	Production engineering measure for multistage solid-state power amplifiers	1973
19730076803	Santa Barbara convective band seeding test program, phase 2	1973
19730076804	Evaluation of fuel filter monitors from selected Naval air stations	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076806	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage	1973
19730076807	Test of the recovery system for the high altitude supersonic target	1973
19730076808	Navy technical evaluation of the model SH-2F helicopter	1973
19730076809	Flight evaluations of Bendix P/N 25B23-1A dc generator voltage regulator	1973
19730076810	C-5A Category 1 engineering flight test lighting subsystem test results	1973
19730076811	Performance specification and final engineering report on high power low frequency projector	1973
19730076812	Proposed ten-year plan for aerial target development and utilization. Volume 1: Index and background	1973
19730076813	Aging and surveillance testing of a Minuteman LGM-30F stage 3 motor at simulated pressure altitude (motor s/n 0032934)	1973
19730076815	Development of 10-W; 1.7 to 3.4-GHz, linear power transistor	1973
19730076816	USASATCOMA technical requirements SCA-2130, convolutional encoder/viterbi decoder	1973
19730076817	Tactical operations assessment, LAGUMS phase 2A	1973
19730076818	Solar Collector Thermal Power System (SCTPS)	1973
19730076819	Electromagnetic compatibility evaluation of the Royal Australian Air Force CH-47C helicopter	1973
19730076820	Inertial navigation system categorization	1973
19730076821	Inertial navigation system error models	1973
19730076822	Fast neutron effects on diffused gallium arsenide lasers	1973
19730076823	Eleventh JANNAF Structures and Mechanical Behavior Working Group Meeting, 1973	1973
19730076824	Production engineering measure for mechanized production and test equipment for high volume subminiature ceramic chip capacitors	1973
19730076825	Preparation and characterization of polycrystalline halides for use in high power laser windows	1973
19730076826	A compendium of constitutional ternary diagrams of the metallic systems	1973
19730076827	Two-dimensional deflection techniques for wideband laser recorders	1973
19730076828	Numerical study of highly underexpanded three dimensional plumes	1973
19730076829	Position locating and reporting system	1973
19730076830	Propellant surveillance report, LGM-30 F and G stage 1, phased A, series 2, TP-H1011	1973
19730076831	The 2.75-inch rocket motor Mark 66 detent release mechanisms design and evaluation	1973
19730076832	An attitude sensor for a precision phased-array antenna	1973
19730076833	NRA subsystem evaluation test report 4.3.3.17 time slot synchronization	1973
19730076834	Strategic reentry technology program street-AIII. Volume 1, task 4.2.3: Turbulent flow about conical bodies at large angle of attack	1973
19730076835	RAKOT 3D/6D trajectory simulation program. Volume 1: User's manual	1973
19730076836	RAKOT 3D/6D trajectory simulation program. Volume 2: Programmer's manual	1973
19730076837	RAKOT 3D/6D trajectory simulation program. Volume 3: Test cases	1973
19730076842	Attack helicopter: Daylight offense (USACDEC experiment 43.8). Volume 2: Ground-to-air visual detection	1973
19730076844	Design criteria for integrated flight data management systems. Volume 1: Summary	1973
19730076845	Ablative materials for high heat loads. Part 3: Insulative layers for carbon/phenolic heatshields	1973
19730076846	Improved high temperature solid film lubricants, part 3	1973
19730076847	Perfluorocarbon epoxides, part 1	1973
19730076848	Analytical models for the B-52H, EC-135A and 747-200 aircraft. Volume 2: EC-135A aircraft (SAAGUST models)	1973
19730076849	Arctic surface effect vehicle program. Volume 1, appendix: Structural design study	1973
19730076850	Muzzle devices: A state of the art survey. Volume 2: Theoretical approaches to the calculation of muzzle blast	1973
19730076851	SAM-D engineering development status. Volume 1: Narrative summary	1973
19730076853	C-5A category 1/2 engineering flight test performance test results, volume 1, addendum 5	1973
19730076854	Interface standards and compatibility matrix for shipboard communications equipment. Volume 2: VHF/UHF	1973
19730076855	Malfunction investigation of MK 46 Mod o decoy flare	1973
19730076856	Development test 2 (service phase) of portable aircraft maintenance shelter	1973
19730076857	San Antonio area consolidation of AWS forecasting services	1973
19730076858	TRAP/MAT dynamic pressure survey	1973
19730076859	VHF antenna coupling and impedance measurements	1973
19730076861	Nuclear magnetic resonance spectroscopy: Analysis of plasticizer migration in double base propellant grains	1973
19730076862	Tris(1-(2-Methyl)Aziridinyl)Phosphene Oxide (MAPO) processing and development program	1973
19730076863	Engineering evaluation of the Wagner blast cooled converter, P/N 28YBL150A	1973
19730076864	Study of AADC RAM - I/O	1973
19730076865	Electromagnetic shielding effectiveness of metallic adhesive tapes mounted on conductive and non-conductive surfaces	1973
19730076866	Qualification tests for aircraft lighting equipment (EMP Electronics Incorporated, P/N PS-315, power supply)	1973
19730076868	State variable analysis	1973
19730076870	Production engineering measure for high current, fast-switching transistors	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076871	Aerospace higher order language processing	1973
19730076872	Aging and surveillance test of a Bell Aerospace Company propulsion system rocket engine at simulated altitude, system S/N A4V0065 SUR-6	1973
19730076873	Computer program for truss optimization by generalized steepest descent. A user's manual for program TRUSSOPT	1973
19730076874	Comparison of various techniques of structural optimization	1973
19730076875	NRA subsystem evaluation test report 4.3.3.22 2 x 1 test time slot synchronization and auxiliary responsibility takeover	1973
19730076876	NRA subsystem evaluation test report 4.3.3.23 2 by 1 test, LCF-LCF crypto system SYNC	1973
19730076877	Electromagnetic compatibility test plan equipment (EI) and subsystems/ equipment (approved)	1973
19730076878	Exhaust emission monitoring and diagnostic system	1973
19730076879	Study and development of a Charge-Coupled Device (CCD) program	1973
19730076880	High temperature polymeric coating materials	1973
19730076881	Investigation of hand tool generated electromagnetic interference	1973
19730076882	Spray rig icing test of the H-1 helicopter	1973
19730076883	Airborne conformal electronic scanning array	1973
19730076884	Scatterometer data analysis, Operation Good Look	1973
19730076886	High efficiency linear SSB power amplifier	1973
19730076887	Digital control techniques concept formulation study	1973
19730076888	Test and evaluation of infant sentry APNEA alarm, AEL model 1500, for aeromedical airlift use	1973
19730076889	Ballistic missile defense research tasks and studies	1973
19730076890	Sea-water corrosion exposure of nickel-aluminum bronze	1973
19730076892	NELC bit error rate BER monitor unit: Description, operation, and maintenance	1973
19730076893	Single Integrated Damage Analysis Capability (SIDAC)	1973
19730076894	Evaluation of platinized niobium wire anodes	1973
19730076895	Sonar computer: Display group AN/AQA-9 (XN-3)	1973
19730076900	Development of a piezoresistant transducer to measure stress-time output of small detonators	1973
19730076901	Description of interface system for computer control of a 2D radar set	1973
19730076902	AN/ALE-29B EMI and carrier suitability, project channel one	1973
19730076903	Position locating and reporting system	1973
19730076904	Land clutter characteristics for computer modeling of fire control radar systems	1973
19730076905	PLRS program	1973
19730076906	Techniques for description of the electromagnetic environment at Air Force base	1973
19730076907	Subsonic wind tunnel characteristics of a full scale I/F bomblet	1973
19730076908	Spinel ribbon	1973
19730076909	Production engineering measure for beam lead tantalum thin film capacitors	1973
19730076910	Development of pill and abrasion resistant PBI fabrics	1973
19730076911	Chemical vapor deposition of multispectral windows	1973
19730076912	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard	1973
19730076914	Mathematical methods applied to ocean-surface topography and satellite geodesy	1973
19730076915	Analysis of selected Polar Fox 2 observations in light of auroral ionospheric characteristics	1973
19730076916	Joint airbase utilization (JABUA): User's manual	1973
19730076920	The development of the methodology for fabrication of arrays of large volume high purity germanium gamma ray detectors	1973
19730076922	Production engineering measure for improved reliability of subminiature metallized polycarbonate capacitors	1973
19730076926	Smoke detection in hyperbaric chambers: An experimental study	1973
19730076927	A study of the SUU-51A/B dispenser munition high speed separation problem and proposed solutions	1973
19730076928	Acoustic-optical standing wave correlator	1973
19730076929	Systems color evaluation techniques	1973
19730076931	Compatibility test of CBU-55/B munition on The A-37 aircraft (SEEK EAGLE)	1973
19730076932	Automated threshold data generation	1973
19730076933	Application of digital parallel processing (DIPPA) techniques to passive direction finding	1973
19730076934	Production engineering measures vapor phase cooled traveling wave tubes	1973
19730076935	Investigation of overpressurization of 600 PSI Walworth Company steam flexible wedge gate valve	1973
19730076936	Consolidated Controls Corporation differential pressure transducer model 41GP21A, 0-60 PSID	1973
19730076937	Consolidated Controls Corporation pressure transducer model 41GP21B, 0-100 PSIG	1973
19730076938	Production engineering measure for design and manufacture of plastic optics for goggles	1973
19730076939	Assist in the technical evaluation of the Versatile Avionics Shop Test (VAST) system	1973
19730076940	On the theory of a class of diffraction problems using singular integral equations. Part 3: Diffraction by a strip (high-frequency asymptotics and the Kleinman solution)	1973
19730076941	Cannon launcher guided projectile flight test	1973
19730076943	Measurement and analysis of the external unsteady pressures on the Airborne Laser Laboratory	1973
19730076944	A new data distribution system for aircraft	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730076945	Preliminary BMD software development for IBM multiprocessing system	1973
19730076946	Management information system considerations for the AGILE missile system	1973
19730076947	Investigation of nuclear radiation effects on infrared detectors	1973
19730076948	Helicopter-correlated interference to the AN/VCC-2 communications system	1973
19730076950	Energy management display system for a tactical fighter, volume 1 (U)	1973
19730076951	TOW/HAT (U)	1973
19730076952	Advanced on-line SLR exploitation equipment (ARRES) (U)	1973
19730076961	Airframe/propulsion trade study for defense suppression standoff missile (U)	1973
19730076962	Optical processing of rotating-object radar data using a polar recording format (U)	1973
19730076964	PCDE propellant combustion efficiency studies (U)	1973
19730076974	Pave Spike introduction/combat evaluation (U)	1973
19730076986	Effectiveness of VLF electromagnetic wave propagation for naval communications (U)	1973
19730076993	AIM-95A (AGILE) guidance system by Philco-Ford Corporation (U)	1973
19730077025	Scaled model rocket sled impact tests accident-resistant container	1973
19730077026	Recoverable underwater data capsule	1973
19730077027	Preliminary determination of reliability for the Mark 14 arresting gear	1973
19730077041	The effects of axial cords on the characteristics of parachutes	1973
19730077042	Hybrid electronic experiment on board Prospero	1973
19730077043	The external drag of fuselage side intakes: Semicircular configurations both with and without half cone compression surfaces	1973
19730077044	Optimum fibre-reinforced sheets for two alternative loadings	1973
19730077045	Instability of laminated composite plates	1973
19730077046	Note on some exploratory tests on a swept wing with an external-flow jet-augmented flap	1973
19730077048	A computer code for dynamic stress analysis of media structure problems with nonlinearities (SAMSON). Volume 2: Programmer's manual. Part 1: Text with Appendix 1	1973
19730077049	A computer code for dynamic stress analysis of media-structure problems with nonlinearities. Volume 4: Analysis of Grabs phase 1 tests. Part 2: appendixes 4, 5, and 6	1973
19730077051	Field-replaceable rotor blade pocket study. Appendix: Adhesive selection and qualification	1973
19730077052	Japan: Nuclear, missile, space, and defense developments, no. 172	1973
19730077056	Reports of the German Weather Service, volume 17, no. 130: Research on small volume changes in cold air flow and frost danger through roadways	1973
19730077057	Variation in the motor activity of male mice with time	1973
19730077059	Abrasion by impurities in MoS ₂ . Part 3: The accelerated abrasion test as a quality control	1973
19730077060	Friedel-Crafts resin/carbon fibre composites. 3: Xylene resins	1973
19730077061	Carbon fibre reinforced plastics for spacecraft structures	1973
19730077063	Epoxy resin-carbon fibre composites	1973
19730077064	An assessment of preliminary design methods for predicting vibration due to fluctuating pressures	1973
19730077069	The DSIS report search code study	1973
19730077070	The forgiving system: Human aspects of system planning	1973
19730077071	Reports of the German Weather Service, volume 17, no. 131: A unit composed ombrometer for the measurement and digital display of precipitation-duration and amount	1973
19730077074	Notes on the value of fractography in failure analysis	1973
19730077075	The combustion of organic polymeric materials: Evaluation of flammability by the oxygen index method, and smoke generation	1973
19730077078	Modification and generalization of the earth energy balance program (AIRDSEA)	1973
19730077083	Estimating the noise covariances for use in Kalman filter: Innovation deviation approach	1973
19730077084	Research program in nuclear and solid state physics	1973
19730077092	Contaminant particle tracking study	1973
19730077093	Computer modeling of laser Doppler clear air turbulence system	1973
19730077095	Final Report	1973
19730077098	Partial requalification vibration test: Discone antenna boom assembly/release module	1973
19730077099	Some aspects of deviation angle estimation for axial-flow compressors	1973
19730077100	Analysis of cosmic X-ray data	1973
19730077101	Handbook of Delta Operation at the eastern test range. Volume 1: Chapters 1-5	1973
19730077103	The derivation of equations of motion from response data and its application in flutter testing	1973
19730077113	Japan: Nuclear, missile, space, and defense developments, no. 180	1973
19730077119	A feasibility study of a rocket-borne chemiluminescent nitric oxide detector	1973
19730077120	Wall mounted heat exchanger characterization	1973
19730077121	Computer implementation of a second order additivity method for the estimation of chemical thermodynamic data	1973
19730077129	Cloud backscatter discrimination by spatial filtering (U)	1973
19730077135	Altitude performance of three Thiokol Chemical Corporation TE-345 Titan Vernier solid-propellant rocket motors having ages of 113 and 115 months	1973
19730077136	Altitude performance of five Thiokol Chemical Corporation TE-345 Titan Vernier solid-propellant rocket motors having ages ranging from 110 to 123 months	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077139	An evaluation of the technical implications of selected items on the US export controls list: Integrated circuit production equipment	1973
19730077141	Statistical diagnosis: Synthesis of data related to the reliability and the maintenance of an aeronautical system	1973
19730077143	ITCS drone interface equipment program	1973
19730077144	Fine grain amplitude equalization	1973
19730077145	A streamlined metallic radome with high transmission performance	1973
19730077147	Establishment of manufacturing techniques for back-tension drawing of titanium	1973
19730077148	Nosetip Design Technology (NDT) influence of scallop roughness on nose tip shape change behavior	1973
19730077151	Application of time domain methods to integrated circuit susceptibility	1973
19730077153	Flight test, evaluation and calibration of AIMS airborne ATERBS equipment in C-2A aircraft	1973
19730077156	Practical prediction method of two and three dimensional turbulent boundary layers	1973
19730077157	Pumps and various accessories	1973
19730077169	Evolution of strida system development analyzed	1973
19730077170	Holographic study of electron beam induced front surface effects	1973
19730077172	TMDE task 05, information dynamics MAIDS technical report. A preliminary design for a new programming language for automatic test equipment	1973
19730077173	Category I/II final test report for the model HH-1H helicopter	1973
19730077175	Final results of a mock-up on the Marchetti Rotormobile	1973
19730077176	A new laboratory-heat sealing device-type AP 232	1973
19730077177	Optical contrast homing simulator	1973
19730077178	Afterburners of modern jet engines	1973
19730077179	Development testing at simulated pressure altitude of an extendible nozzle for a Minuteman 3 LGM-30G stage 3 rocket motor (motor S/N 0000417)	1973
19730077183	Development of circular connectors for braid shielded Minuteman III/II G and C cables	1973
19730077186	Integration of analysis task 1. Volume 2: Subtask 1 - standard subsystem requirements and specifications	1973
19730077188	System 621B timeshared user equipment study, volume 2	1973
19730077190	Acousto optical standing wave correlator	1973
19730077195	Solar Collector Thermal Power System (SCTPS)	1973
19730077197	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment in the C-117/NC/TC-117 airplanes	1973
19730077198	Low cost small turbine engine component development. Phase 1: Engine preliminary design report	1973
19730077213	Electronically tuned linear VHF preselector	1973
19730077214	Russian Submarines (Navy news)	1973
19730077219	Satellite orbit prediction and determination (error analysis and accuracy and convergence tests)	1973
19730077227	Organic electrolyte battery for sensors	1973
19730077228	Organic electrolyte battery for sensors	1973
19730077232	Standardization of analog and digital multimeters	1973
19730077233	Pyrotechnic exploratory development and pollution abatement	1973
19730077234	Engineer design test of individual survival vest for aircrewmembers	1973
19730077235	Initial production test of 100 GMP flammable liquid pump	1973
19730077236	Expanded service test of anti-laser goggles	1973
19730077238	Research and development on technologies for welding HY-180 steel	1973
19730077239	Engineering development of the fluidic free-flight sensor for use in bomb fuzes	1973
19730077243	Derivation of propagated error ellipsoid from multiple radar and doppler measurements of a ballistic vehicle	1973
19730077244	The 300-lb(f) monopropellant hydrazine thruster life evaluation	1973
19730077245	The development of procedures for the narrow-gap extended-electrode gas-metal-arc welding of thick alloy titanium	1973
19730077248	Initial production test: Transponder test set AN/APM-123(V)1 technical characteristics	1973
19730077249	Category 2 evaluation of the C-5 airframe and cargo handling systems	1973
19730077250	Prime item development specification for Meteorological Data Converter group, OU-93/ AMQ-32 (type B1, C152K020A)	1973
19730077251	Chemical physical and mechanical properties of low density phosphate ester hydraulic fluids	1973
19730077252	Sustaining engineering annual report for 1972	1973
19730077253	Intermediate temperature photovoltaic detector	1973
19730077255	Experimental evaluation of transpiration-cooling effectiveness in a hypersonic turbulent boundary layer	1973
19730077256	Scale-model dynamic-drop experiments on the separation of a missile from a powered, multi-engine, propeller-type, aircraft under simulated flight conditions	1973
19730077257	Analysis and experiments on jet vane thrust vector control	1973
19730077264	Diffraction optics scanner for wideband film recording	1973
19730077269	Separation tests of the BDU-12B from the F-4D centerline weapons station	1973
19730077271	SUU-13C/A dispenser intervalometer development	1973
19730077272	S-band solid-state power amplifiers	1973
19730077284	Filter, radio interference	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077287	Production engineering measure for an integrated circuit power amplifier 600-1000 MHz, for tactical radio equipment	1973
19730077290	Cold cathode vidicon	1973
19730077292	Coherent rear-projection viewer	1973
19730077296	Development project VX5126 L-band pulse power amplifier	1973
19730077297	Development project VX5125 rugged S-band lightweight power amplifier	1973
19730077298	Performance factors for circular, hydrostatic, gas lubricated thrust bearings. Part 3: Ring thrust bearings	1973
19730077301	Bidirectional reflectance from surfaces formed by the ruling of orthogonal parallel v-grooves	1973
19730077303	COPAN: The computer program for analysis of electrical circuits with operational amplifiers	1973
19730077305	Hybrid waveguides integrated optics for 10 micron wavelengths	1973
19730077307	Development of X-band avalanche diode noise source VX.24001	1973
19730077311	CVD annual report on development projects	1973
19730077314	Monthly bulletin. Canadian upper air data, February 1973	1973
19730077316	The evaporation of deposited drops of volatile liquid. Part 6: Isolated lenticular drops deposited on a vapour impermeable fabric	1973
19730077317	The evaporation of deposited drops of volatile liquid. Part 7: Isolated lenticular drops deposited on a completely permeable substratum	1973
19730077318	R. F. burnout of silicon Schottky barrier microwave mixer diodes	1973
19730077319	Castable composite explosives: Evaluation of thermophysical properties	1973
19730077321	Hercules C Mk 1 aircraft. Air drop of supplies stressed platforms using the 42 ft parachute in a reefed mains extraction technique	1973
19730077323	Thrust/drag analysis for a front fan nacelle having two separate co-axial exhaust streams	1973
19730077324	Development Project VX 5127: Reduced area silicon avalanche detector, stage A	1973
19730077326	Monthly bulletin, Canadian upper air data, January 1973	1973
19730077328	Thermal and mechanical evaluations on five different weaves of phenolic carbon 3D composite materials	1973
19730077329	Aerodynamic characteristics of the AGM-69A missile with a simulated plume at Mach numbers 0.6 and 0.9	1973
19730077330	Orthogonal reinforced pyrolyzed plastics heat shield composites development	1973
19730077331	High temperature and strength materials development	1973
19730077333	KW cost for orbital satellites will drop, using thin layered photobatteries	1973
19730077334	Effects of varying processing parameters in the fabrication of adhesive-bonded structures. Part 19: Durability of epoxy bonds to aluminum alloys	1973
19730077335	Silicon target return beam vidicon	1973
19730077336	An acoustic-noise reduction modification kit for the AN/TPS-32 radar system	1973
19730077337	Ottofuel 2: Evaporation into air and diffusion into sea water	1973
19730077338	Requirements for explosion-proof electrical equipment in aircraft shelters	1973
19730077339	Concerning a contactless procedure for monitoring and measuring the effective gap between the impeller blades and the housing of turbines during operation	1973
19730077340	Compatibility testing of radio receiver for interrogator set AN/UPY-23	1973
19730077341	J-band and solid-state phased array device study	1973
19730077343	Engine simulation for applications and a prechamber diesel simulation development	1973
19730077346	State-of-the-art review on air pollution from gas turbine engines	1973
19730077347	Qualification test of the CH-46 transmission at 280 SHP	1973
19730077348	Production data package 110 gallon external fuel tank	1973
19730077349	Lightweight headset	1973
19730077350	A computer simulation for scan-modulated radar clutter and its application to study of a pulse compression/MTI system	1973
19730077351	A cryostat for measuring electric and thermoelectric properties in the range	1973
19730077352	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-104	1973
19730077353	Mechanical design of the transonic inlet model	1973
19730077354	Photomultiplier tube for efficient infrared detection	1973
19730077355	Production engineering measures for packages for microstrip integrated circuits	1973
19730077356	Airframe fatigue test	1973
19730077357	Improved navigational systems and procedures for MAC airlift aircraft	1973
19730077358	Prediction of Minuteman exhaust plume electrical properties	1973
19730077359	Product improvement program for Navy model H-2 hydraulic engine starter	1973
19730077360	Solar Collector Thermal Power System (SCTPS)	1973
19730077362	A-4F/M J-52-P-408 catapult launch minimum end airspeed tests	1973
19730077363	Studies of magnetoresistive elements and their applications	1973
19730077364	ADP oriented modular panel display solid state	1973
19730077365	Electromagnetic shielding effectiveness of several metallic adhesive tapes	1973
19730077367	Microelectronic UHF power amplifiers: Supplement 1	1973
19730077368	Infrared detector research	1973
19730077369	Airborne continuous wave carbon dioxide laser for reconnaissance applications	1973
19730077370	Silicon on sapphire transistor development	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077371	LOC GaAlAs laser development	1973
19730077372	Photomultiplier tube for efficient infrared detection	1973
19730077374	MSC design. A procedure for the design of multifunction switching controls	1973
19730077375	Environmental sensitivity of structural metals: Liquid metal embrittlement	1973
19730077376	A comparison of the blast effects of the cool launch and the standard Mark 56 blast test vehicles on structural aluminum plating	1973
19730077377	Evaluation of Versatile Avionics Shop Test (VAST) AN/USM-247V	1973
19730077378	Reduction of veiling glare in electro-optical image tubes	1973
19730077379	Check test of personnel parachute harness	1973
19730077380	Installation criteria for shipboard catapult surveillance system	1973
19730077381	Non-line-of-sight communications for helicopters flying nap-of-the-earth	1973
19730077382	Agard Propulsion and Energetics Panel. Study Group on Testing Turbomachines - Germany replies to questionnaire	1973
19730077383	General investigation and parametric study on inductive MHD-converters including design of a cryogenically-cooled experimental 4-kW converter	1973
19730077384	The 60-hour preliminary flight rating endurance test: YF 104-GA-100 engine. Book 1. Purpose, summary, conclusions and factual data	1973
19730077385	The 60-hour preliminary flight rating endurance test: YF 104-GA-100 engine. Book 2. Test logs and parts measurements	1973
19730077386	The 60-hour preliminary flight rating endurance test: YF 104-GA-100 engine. Book 3. Component acceptance data and test fluids analyses	1973
19730077387	The 60-hour preliminary flight rating endurance test: YF 104-GA-100 engine. Book 4. Engine parts list	1973
19730077388	Compendium of electron beam data	1973
19730077389	Silicone diode target tube development	1973
19730077393	Development of chemical laser computer models. Volume 1: The analyses and numerical results	1973
19730077394	Development of chemical laser computer models. Volume 2, part 1: User's manual for the ODE/ODK code	1973
19730077395	Development of chemical laser computer models. Volume 4, part 3: User's manual for the super code	1973
19730077396	Development of chemical laser computer models. Volume 5, part 1: User's manual for the MARBL code	1973
19730077397	Development of chemical laser computer models. Volume 5, part 2: User's manual for the MARBL code	1973
19730077398	Development of chemical laser computer models. Volume 6: User's manual for the ESP code	1973
19730077399	Development of chemical laser computer models. Volume 7. Part 1: User's manual for the MIXLAS code	1973
19730077400	Development of chemical laser computer models. Volume 8: The physiochemical data, the phychm code	1973
19730077401	Semiconductor vulnerability. Volume 1: Theoretical estimates of failure levels of selected semiconductor diodes and transistors, phase 2	1973
19730077404	Generation of simulated satellite radar altimeter observations	1973
19730077405	Titan 3C new IGS system centrifuge testing	1973
19730077406	Advanced memory technologies: A progress report	1973
19730077407	Analysis of electrical-optical devices for image retrieval at low energy levels	1973
19730077408	Seismic Aircraft and Vehicle Identification Sensor (SAVIS)	1973
19730077409	Safing and arming mechanism of the Hellfire missile	1973
19730077411	Initial production test of Lance missile system (M688 loader-transporter and M752 SP launcher, only)	1973
19730077412	A computer program for extracting aerodynamic data from magnetic tape	1973
19730077413	Effect of technology on electrical conductivity of thermoelectric materials	1973
19730077414	Product improvement test of semitrailer, tank, 5000-gallon, bulk haul and fuel servicing, XM857	1973
19730077415	Airborne battery service life study for Titan 2 missile	1973
19730077416	Full scale corrosion test of the J79-GE-8 engine	1973
19730077417	Fiber Optic Coupled Image Amplifier (FOCIA) night camera flight evaluation	1973
19730077418	Production engineering measure for high voltage energy storage capacitors	1973
19730077419	Noise-reducing headset development	1973
19730077420	Development of chemical laser computer models. Volume 7, part 2: User's manual for the MIXLAS code	1973
19730077421	Development of chemical laser computer models. Volume 4, part 4: User's manual for the Super code	1973
19730077422	Semiconductor vulnerability. Volume 2: Experimental threshold failure levels of selected diodes and transistors, phase 3	1973
19730077423	Semiconductor pumps for the Nd: Yag laser	1973
19730077424	NRA subsystem evaluation test report 4.3.3.6 system compatibility: Command and status processing, inhibit command	1973
19730077425	NRA subsystem evaluation test report 4.3.1.5 electrical and timing ICD verification	1973
19730077426	NRA subsystem evaluation test report 4.3.2.8 LF hardware integration: ALCC message processing	1973
19730077427	NRA subsystem evaluation test report 4.3.3.4 system compatibility: Command and status processing, preparatory launch commands	1973
19730077428	Ultrasonic machining	1973
19730077430	Dynamics testing of a Bell Aerospace Company propulsion system rocket engine for aging and surveillance purposes (system S/N A4V0065)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077431	Altitude control of the maximum of the F2 layer through the eastward component of the earth magnetic field, measured by the dependence on the declination	1973
19730077433	Quarterly Progress Notes, 1 Apr. - 30 Jun. 1973	1973
19730077436	Modification of the G-280 float	1973
19730077442	Document requirements and develop recommendations for improved logistic support of CGSE (Common Ground Support Equipment) employed on CVAs (attack aircraft carriers)	1973
19730077443	The calculation of eigenvalues	1973
19730077446	Mark 6A power plant propellant and igniter test	1973
19730077448	Polar Fox 2 noise environment and quiet search	1973
19730077450	Theoretical determination of the characteristics of helicopter rotors	1973
19730077452	Radiating capability of ECM antennas	1973
19730077453	Evaluation of hologram optical elements	1973
19730077454	Aircraft fuel heat sink utilization	1973
19730077457	Bendix 21B100 generator panel	1973
19730077458	TD and E for tactical radar procedures, tactics and control techniques	1973
19730077459	Initial production test audio frequency amplifier AM-1780 ()/VRC	1973
19730077460	Evaluation of quality-control techniques for raceway cable shields	1973
19730077461	Development of infrared coating techniques for reconnaissance and weapon delivery	1973
19730077462	Exterior ballistics for airborne applications	1973
19730077463	Effects of reduced ambient pressure conditions on thermal comfort in mildly-active subjects	1973
19730077466	The transmark: A laser point-data transmitter, a year of practical application in the GDR	1973
19730077467	Test of the response of an optical proximity sensor to clouds and sunlight	1973
19730077468	Developmental tendencies of nuclear power plants for special applications	1973
19730077469	Production engineering measure for improved reliability of metallized polycarbonate and metallized polysulfone capacitors	1973
19730077470	Photometric investigations of light diffraction at supersonic waves in fluids and gases	1973
19730077471	Photogrammetric reduction instrument of the Japanese Sockisha factory	1973
19730077472	A method of bistructural hardening of steel	1973
19730077476	Miniature sealed nickel-cadmium batteries	1973
19730077478	Application of the method of non-stationary characteristics to the numerical calculation of a constant compressible flow	1973
19730077479	Improved advanced composite bag molding processes	1973
19730077480	Production engineering measure for moderate power fiber optic laser arrays	1973
19730077481	Aircraft avionics (digital avionics study)	1973
19730077482	Protective coatings for hybrid microcircuits	1973
19730077483	Some notes on the microcharacterization of semiconductor devices	1973
19730077484	Tunable notch filter study	1973
19730077485	The role of parasitic thermoelements in thermoelectric power measurements in microscopic regions	1973
19730077487	Note on the boom generator of the French-German Research Institute at Saint Louis HT-RHIN	1973
19730077488	Surveillance of under seat rocket motors Mark 76/77 Mod 0	1973
19730077489	Manufacturing methods for rapidly curing high-temperature composites	1973
19730077490	Ceramic mounted circuit for crossed-field amplifiers	1973
19730077491	A-7 emergency power package product improvement	1973
19730077492	PLPS program	1973
19730077493	Service test of mast AB-864 ()/G	1973
19730077494	Some experiments concerning the impurity-band conduction in germanium	1973
19730077495	Frequency controlled drives with squirrel cage motors	1973
19730077496	Battlefield surveillance with radar equipment methods of the "Desert Fox" again topical	1973
19730077497	Capture and measurement of aerosol particles	1973
19730077498	Computer program for scattering from two-dimensional bodies with arbitrary surface impedance	1973
19730077499	Production engineering measure for a high power, fast switching silicon controlled rectifier	1973
19730077500	Low-cycle fatigue behavior of 5086-H116 and 5456-H117 aluminum alloy weldments	1973
19730077501	Measurement of droplet size and concentration in a gas stream	1973
19730077502	Silicon target for electron-beam memory	1973
19730077505	Optimum design of damped vibration absorber	1973
19730077506	Technical evaluation of the AN/ASQ-81 (V)-2 magnetic detecting set	1973
19730077507	Absorption atlas of standard laboratory atmosphere from 1.3 microns to 12 microns	1973
19730077508	Wind tunnel measurements of rear flow against rotationally symmetrical models	1973
19730077509	Temperature dependence of the magnetization reversal in thin films of EuS and Eu (1-x) Gd (x) S	1973
19730077511	Free-flight simulation of the VFW-Fokker, SG-1262 test bed	1973
19730077512	Variable camber wing	1973
19730077513	Summary report on the attenuation of reflected shocks in DREV ballistic range facilities	1973
19730077516	Beam forming antenna configurations for use within a screen type CDAA	1973
19730077517	ARPA-NRL infrared integrated optics program	1973
19730077519	Unmanned spacecraft cost model, second edition	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077528	Investigation of aerodynamic analysis problems in transonic maneuvering flight (U)	1973
19730077530	Government lot acceptance testing of AIM-7E-2 lots 4 and 5 (Contract N00019-71-C-0439) (U)	1973
19730077531	Compass sight integration with current operations (U)	1973
19730077532	F-14 optimum flight modes (U)	1973
19730077534	Conduct a fleet operational investigation of the AN/AVQ 10 Pave Knife pod on the A-6A aircraft (U)	1973
19730077535	Airborne MTI techniques for foliage penetration (U)	1973
19730077538	Deceptive-jamming ECM system (U)	1973
19730077539	Visual detection of F-4 aircraft as a function of paint color (U)	1973
19730077543	An active-passive line scanner for target cueing (U)	1973
19730077544	Radar cross sections of the hydrofoil gunboat PGH-2 at grazing incidence (U)	1973
19730077546	An investigation of the utility of supersonic weapon delivery (U)	1973
19730077549	Evaluation of shock/boundary layer interaction characteristics on a 17 percent thick supercritical wing on a T-2C airplane (U)	1973
19730077550	Fuel control systems for launched advanced ramjet missiles (U)	1973
19730077552	Survivability of laser target designator/guided bomb systems to countermeasures, phase 2 (U)	1973
19730077555	Cross-linking of polyphenylquinoxaline by isothermal heat exposure (U)	1973
19730077556	An investigation of methods of improving leeward side aft-entry ramjet inlet performance (U)	1973
19730077559	Title is classified	1973
19730077560	Design and development of the seismic target classifier (U)	1973
19730077562	Conduct an operational evaluation of the high intensity signal/surveillance searchlight (U)	1973
19730077563	Simulation analysis of the Close Air Support Missile (CASM) laser seeker performance characteristics (U)	1973
19730077564	Implications of the IOT and E for the Mk 31 Mod 0 flare launching system on personnel and training requirements (U)	1973
19730077566	Chaff dispenser location study (U)	1973
19730077567	High resolution multiple application radar (HIMAR) (U)	1973
19730077568	Design study of low-radar-cross-section expendable main rotor blades (U)	1973
19730077571	Propulsion review. Part 4: Airbreathing, hybrid, and liquid propulsion research and development (U)	1973
19730077573	PAVE SPIKE development test and evaluation (U)	1973
19730077574	Manufacturing methods and technology: 8 to 14- micron Hg, Cd Te array modules (U)	1973
19730077576	Evaluate Zuni rocket with Mk 71 Mod 1 rocket motor (U)	1973
19730077577	EMCON evaluation of AN/SPG-49B missile fire control system (U)	1973
19730077599	Advanced radar jammer (U)	1973
19730077609	Description of ASP (ASW search program. Volume 1: General description (U)	1973
19730077615	Close-loop preflight testing of the Roll-Control Resonance Test Vehicle (RCRTV) controller in the SLL Flight Dynamics Lab.	1973
19730077618	Problems when thermoelectric semi-conductive materials are treated by powder metallurgy technology	1973
19730077621	Calculation of generalised airforces on two parallel lifting surfaces oscillating harmonically in subsonic flow	1973
19730077622	Design, fabrication and test of unidirectional multi-fiber laminates	1973
19730077624	NASA-ASEE Summer Faculty Research Institute, Addendum	1973
19730077625	Study of multilayered insulation pipe penetration	1973
19730077626	Point design study. Scanning spectro-radiometer, volume 1 and volume 2	1973
19730077627	Optical propagation calculation for the NASA vertical profile of refractive index structure constant experiments	1973
19730077631	In-place calibration for Portable Life Support System test stand	1973
19730077632	In-place calibration for Oxygen Purge System/Astronaut Life Support Assembly test stand	1973
19730077633	ATLAS/CENTAUR-31 INTELSAT 4 (F7)	1973
19730077634	Reliability and quality assurance, cleanliness, and safety requirements for in-place calibration procedures	1973
19730077635	Skylab 4: Space vehicle data evaluation guide	1973
19730077636	Skylab 4: Facilities and environmental measurements program	1973
19730077706	Quarterly progress report, 1 August - 1 November 1973	1973
19730077722	Hydrazine gas generator program	1973
19730077723	Monopropellant engine investigation for space shuttle reaction control system	1973
19730077724	Analytics of crystal growth in space	1973
19730077725	Effect of thermal profile on cyclic flaw growth in aluminum	1973
19730077727	Progress Report	1973
19730077728	Semiannual Status Report, 1 April - 30 September 1973	1973
19730077729	Progress report	1973
19730077730	CO2 photodissociation and vibrational excitation in the planetary atmospheres	1973
19730077731	Composite tanks with load sharing liners (Add-On)	1973
19730077732	Research in space physics at the University of Iowa	1973
19730077733	Monthly progress report on National Aeronautics and Space Administration space cell test program	1973
19730077734	Process development of beam-lead silicon-gate COS/MOS integrated circuits	1973
19730077736	Study of multilayered insulation pipe penetration and thermal acoustic oscillation	1973
19730077737	Definition of mutually optimum NDI and proof test criteria for 2119 aluminum pressure vessels	1973
19730077738	Monopropellant engine investigation for space shuttle reaction control system	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077739	Study of relation between Pc 3 micropulsations and magnetosheath fluctuations, and multisatellite investigation of earth's bow shock	1973
19730077740	Performance and low gravity testing of the VD/VF system	1973
19730077741	Updated optical read/write memory system components	1973
19730077742	Fracture control design methods	1973
19730077743	Cryogenic thin-metal PRD 49-3 composite vessels	1973
19730077744	Design, processing, and testing of LSI arrays for space station	1973
19730077745	Development of sputtered techniques for thrust chambers	1973
19730077746	Feasibility study of using satellites for a disaster warning system	1973
19730077747	In-place calibration Propellants and Life Support Labs (PLSL) test cells	1973
19730077748	Delta-97 interplanetary monitoring platform-j (IMP-J), operations summary	1973
19730077750	Integrated thruster assembly investigation	1973
19730077751	Small, high-speed bearing technology	1973
19730077752	Thermal performance of a customized multilayer insulation (MLI)	1973
19730077754	Semiannual progress report, 1 March - 31 August 1973	1973
19730077755	Nondestructive evaluation of regenerative chambers	1973
19730077756	Small, high speed seal technology: Turbomachinery analysis and technology	1973
19730077757	Fiber/epoxy filament wound vessel	1973
19730077758	Small, high pressure hydrogen turbopump	1973
19730077759	Extended temperature range ACPS thruster investigation	1973
19730077760	Study of the distribution of extra-ionic electrons in semi-metallic environments by nuclear quadrupole resonance techniques	1973
19730077761	Aerodynamic calibration and shakedown testing of the full-scale F-15 aircraft inlet simulator	1973
19730077762	Pressure oscillation investigation for Minuteman 3	1973
19730077767	Laboratory optimization of carrier aircraft inertial navigation system Kalman filter alignment using real world data	1973
19730077769	Advanced composite applications for spacecraft and missiles	1973
19730077778	Experimental field-emission cathodes	1973
19730077785	Sampling tests of 37, type MS90321-77W nickel-cadmium cells, manufactured by Gulton Battery Corporation under contract N00383-71-C-73-162	1973
19730077786	Qualification tests for aircraft lighting equipment (Grimes Manufacturing Company P/N 45-0127-1 landing light, retractable)	1973
19730077787	Low-noise broadband amplifier	1973
19730077788	Approaches to custom LSI	1973
19730077789	Pulse compression techniques	1973
19730077791	Design verification of the Bendix 200 ampere converter, P/N 9B40-1	1973
19730077792	P-3C hardware/software improvement: Technical evaluations of the An/ARN-99(V)2 and CMA-719 airborne Omega navigation sets	1973
19730077795	Effects of nuclear radiation on magnetic bubble domain materials and devices	1973
19730077796	Production engineering measure for multistage solid-state power amplifiers	1973
19730077797	Integrated low noise broadband microwave amplifier 4-8 GHz	1973
19730077798	A production engineering measure for two I-band solid-state microwave frequency sources	1973
19730077799	C-5A category 1/2 engineering flight test flying qualities test results	1973
19730077801	Erosion mechanisms and improvement of graphic materials. Volume 4: Summary	1973
19730077804	A piloted power approach simulation, volume 1	1973
19730077807	Multi-mission turbine engine propulsion simulator users console. Volume 1: Operating instructions and test plan	1973
19730077808	Exploratory development on the synthesis of intermediates required for high temperature stable polymers	1973
19730077809	High altitude advanced composite drone, volume 1	1973
19730077811	Evaluation of low smoke combustors installed on J79-GE-17 engines in F-4E aircraft using JP-4 fuel	1973
19730077816	Computer solutions in electrostatic probe theory. 1: Spherical symmetry with collisions	1973
19730077817	CNA simulator	1973
19730077819	Standard deviation and acceptance sampling of silver-zinc storage batteries	1973
19730077820	Truncation formulas for the Stokes and and Vening Meinesz integrations	1973
19730077821	Development, flight test, evaluation and calibration of a dual compensated l'probe pitot-static system for A-7A/B/C/E aircraft	1973
19730077824	Codeposited silicon carbide/pyrolytic graphite coated nozzle insert scale up	1973
19730077830	Communications, navigation, identification conceptual analysis. Volume 2: Voice/data link analysis	1973
19730077831	Preliminary study of marine aircraft landing systems	1973
19730077833	Battery vibration investigation on H-3 helicopter	1973
19730077835	Production engineering measure for ion-implanted integrated circuits	1973
19730077836	A multiple-reference-function digital processor for synthetic-aperture radar	1973
19730077843	Exploratory development for a gateable image amplifier tube for night photographic reconnaissance	1973
19730077844	Operational method for the Stokes integration and its application	1973
19730077846	LAMPS Mk-3 (Light Airborne Multi-Purpose System) Software effort	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077847	LAMPS Mk 3 (Light Airborne Multi-Purpose System). ILS plan in support of the at sea tests	1973
19730077848	LAMPS Mk-3 (Light Airborne Multi-Purpose system). Development phase avionics/shipboard electronics. Integrated test plan	1973
19730077849	Resistor, variable - film, linear, sine-cosine, precision	1973
19730077851	Reduction of reject/failure rates of SLAE radioes at the air frame manufactures	1973
19730077852	Environmental testing of digital data computer CP-848/UYK	1973
19730077854	Handbook of albedo and thermal earthshine	1973
19730077855	High-speed optical data link for interconnection between LSI modules	1973
19730077857	Propellant surveillance report LGM-30F, stage 2 ANB-3066	1973
19730077859	Evaluation of Precision Aircraft Tracking System (PATs), Yuma Proving Ground, Arizona 85364, 18-19 June 1973	1973
19730077860	Space Precision Attitude Reference System (SPARS), Phase 2	1973
19730077861	Space Precision Attitude Reference System (SPARS) phase 2. Attachment 1: Algorithm and error analysis appendices	1973
19730077862	Space Precision Attitude Reference System (SPARS) phase 2. Attachment 2: Sensor base assembly appendices	1973
19730077863	Space Precision Attitude Reference System (SPARS) phase 2. Attachment 2, addendum: Sensor base assembly, Appendix 106	1973
19730077864	Space Precision Attitude Reference System (SPARS) phase 2. Attachment 3: Star sensor, detector, and sun shield appendices	1973
19730077865	Space Precision Attitude Reference System (SPARS) Phase 2. Attachment 4: Inertial reference assembly appendices	1973
19730077866	Space Precision Attitude Reference System (SPARS) phase 2: Attachment 5: SPARS and SPL appendices	1973
19730077867	Space Precision Attitude Reference System (SPARS) phase 2. Attachment 6: System calibration and test (LQT) appendices	1973
19730077868	Space Precision Attitude Reference System (SPARS) phase 2. Attachment 7: Support activities appendices	1973
19730077869	Ferrite/dielectric high power phase shifter development. Part 1: The TEM phasor	1973
19730077870	Ferrite/dielectric high power phase shifter development. Part 2: On broadband Y-junction circulators	1973
19730077871	Ferrite/dielectric high power phase shifter development. Part 3: Electromagnetic wave propagation in multi-layer composite media	1973
19730077872	Ferrite/dielectric high power phase shifter development. Part 4: Arc-plasma spray fabrication and material studies	1973
19730077873	Space communications	1973
19730077874	Micron, 1.06, high sensitivity IR photocathode	1973
19730077875	A quantitative analysis of terminal epoxy and terminal olefinic groups using near infra-red spectroscopy	1973
19730077877	Reactor and MHD system study	1973
19730077878	Powder metallurgy production of structural shapes	1973
19730077881	Analysis and test of communication antennas	1973
19730077882	A 1000 megabit per second pulse gated binary modulation laser transceiver electronics brassboard	1973
19730077883	Lift augmentation on planar airfoils in the transonic regime: A high Reynolds number wind tunnel study	1973
19730077884	C-5A category 1 engineering flight test flight director subsystems test results	1973
19730077892	Advanced nest feasibility. Volume 2: Numerical solution of the transient radiation-coupled turbulent boundary layer, appendixes A-C	1973
19730077893	Remote terminal emulation (experimental model), volume 1	1973
19730077894	Lift and drag prediction in computer aided design. Volume 2: User's manual	1973
19730077895	Lift and drag prediction in computer aided design. Volume 3: Discussion of available prediction methods	1973
19730077896	Space Precision Attitude Reference System (SPARS) phase 2. Attachment 2: Sensor base assembly, appendix 81	1973
19730077897	Space Precision Attitude Reference System (SPARS). Phase 2, attachment 2: Sensor base assembly, appendix 105	1973
19730077898	Space Precision Attitude Reference System (SPARS). Phase 3, attachment 3: Star sensor, detector, and sun sensor, appendix 136	1973
19730077899	Strategic reentry technology program (STREET-AllI). Volume 2: Task 4.3.1 trim angle of attack stability	1973
19730077900	Annual single-element funding status report, missile technology. Volume 2: Experimental systems	1973
19730077901	Annual single-element funding status report missile technology. Volume 7: Ground support equipment	1973
19730077902	Graphite fibers from pitch	1973
19730077903	Exploratory development of new and improved self-sealing systems for aircraft integral fuel tanks	1973
19730077904	High temperature elastomer reinforcing materials	1973
19730077905	Phenomenological models of boundary layer flows with drag reduction	1973
19730077906	RRS discovery cruise 46, 27 April 1972 to 30 May 1972. Development of equipment	1973
19730077907	Bipolar integrated circuits with improved radiation resistance	1973
19730077908	Monthly bulletin. Canadian upper air data, March 1973	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730077909	Dynamic maximum maneuver diagrams for aircraft performance evaluations. Volume 1: Supplementary technical manual	1973
19730077910	Dynamic maximum maneuver diagrams for aircraft performance evaluations. Volume 2: Supplementary spot program manual	1973
19730077911	Analytical models for DC-10 aircraft. Volume 2: Trap models	1973
19730077912	Ramjet fuel studies. Part 2: Aluminum, boron, and boron carbide	1973
19730077918	Conceptual design of a 164-KW lithium seawater power system	1973
19730077919	Comparison of predicted and measured skywave propagation loss in the Polar Region	1973
19730077920	Spherical stress gage development	1973
19730077921	Lead-tin telluride single crystals	1973
19730077922	Position locating and report system	1973
19730077923	Development Test 2 (service use phase, AIRDROP) of trailer, bolster, general purpose, 4-ton, M796	1973
19730077924	Establishment of a manufacturing process for the production of boron/epoxy tape	1973
19730077926	Design and development of a high charge rate nickel cadmium batteries	1973
19730077928	Experimental infrared tracker using 10.6-micrometer upconverter (U)	1973
19730077929	Surface and engine/duct pressure measurements on two advanced interceptor models (AMI-X) at Mach numbers from 1.5 to 5 (U)	1973
19730077931	Development of an aeroballistics range testing capability for blunt body boundary-layer transition studies (U)	1973
19730077932	Low cost expendable countermeasures (U)	1973
19730077935	Design and development of the Line Integrated Combined Magnetic and Strain sensor (LICMS) (U)	1973
19730077936	Development of an intermediate-level ultra wideband traveling-wave tube (U)	1973
19730077937	Beacon instrumented guided ordnance (U)	1973
19730077938	Attack helicopter: Daylight defense (USACDEC experiment 43.6). Special report: Vietnam, 1st Combat Aerial Tow Team, supplement (U)	1973
19730077942	Evaluation of personnel and training requirements for a 12-aircraft A-6E squadron (U)	1973
19730077943	Digital inertial flight control study (U)	1973
19730077944	Digital control study (U)	1973
19730077948	Experimental infrared camouflage canopy system (U)	1973
19730077949	Evaluation of personnel and training requirements for squadrons and intermediate maintenance activities ashore and afloat in support of the F-14A weapon system (U)	1973
19730077950	Effective optical cross sections of various air targets to Q-switched Nd YAG laser illumination (U)	1973
19730077951	Characterization of quickturn FTV and agile motor propellants (U)	1973
19730077952	Development of HTPB propellant for ballistic missiles (U)	1973
19730077965	Measurement and analysis of electromagnetic emissions from USS Constellation (CVA-64) during WESTPAC transit 5-22 January 1973 (U)	1973
19730077978	AEW antenna program. Part 6: Advanced UHF system (U)	1973
19730078008	Japan: Nuclear, missile, space, and defense developments, no. 173	1973
19730078009	Surveillance evaluation of Bullpup AGM-12C liquid rocket engines LR 62-RM-2 and LR 62-RM-4	1973
19730078010	GEOP (Geodesy/solid-Earth and Ocean Physics) research conferences	1973
19730078012	Skylab LC-39 operational fallback plan	1973
19730078015	Thermal instability of the helium-burning shell in massive stars	1973
19730078029	The thermal degradation of some poly(fluoroethers)	1973
19730078031	Development of a technique for the analysis of non-linear dynamic characteristics of a flight vehicle	1973
19730078033	An integral prediction method for three-dimensional compressible turbulent boundary layers	1973
19730078034	Some observations on stage 1 fatigue crack initiation in Ti-6Al-4V, and on the synthesis of a high fatigue strength microstructure in this alloy	1973
19730078035	Methods of determining stress intensity factors	1973
19730078036	A replica method for recording the surface growth of fatigue microcracks	1973
19730078038	The development of rapid-testing techniques for flutter experiments	1973
19730078039	Initial development of a liquid conditioned clothing assembly for use in extremely hot and wet environments	1973
19730078040	Large-deflection torsion and flexure of initially curved strips	1973
19730078041	Applications of mass spectrometry to thermal degradation studies of polymeric materials. A poly(carbonate) and a poly(ester) containing phenylene-perfluoroalkylene units	1973
19730078042	The variability of fatigue damage from flight to flight	1973
19730078047	Results of AS-206 facilities and environmental measurements	1973
19730078048	Notes on the approximate solution of lifting-surface theory used in the RAE standard method	1973
19730078049	Study of solid state remote control techniques as applied to the electrical system in a large civil aircraft	1973
19730078050	Transverse compressible behaviour of unidirectional carbon fibre reinforced plastics	1973
19730078051	On the application of subsonic wing theory to edge forces and roll-rate derivatives	1973
19730078052	Representation of the geometry of centrifugal impeller vanes by analytic surfaces	1973
19730078053	Thrust/drag analysis for a front fan nacelle having two separate co-axial exhaust streams	1973
19730078054	The design of pinned-lug, clamped-lug and notched fatigue test specimens in aluminium alloy, titanium alloy and steel	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730078055	Effect of outdoor exposure on stressed and unstressed adhesive bonded metal-to-metal joints, trail 1. Part 2: Four year summary	1973
19730078056	Single impact studies of rain erosion. Part 2: Solid-solid impact	1973
19730078057	Numerical analysis of plots of vector response loci	1973
19730078058	The scattering of sound by a region of rotating flow	1973
19730078060	The characteristics of a family of rooftop aerofoils, designed at their drag-rise condition in viscous, compressible flow. Part 2: Off design conditions	1973
19730078061	An improvement and generalisation of the Blaess method for the numerical integration of ordinary differential equations	1973
19730078062	Some predictions of crack propagation under combined cabin pressurization and acoustic loadings	1973
19730078064	Interpretation of a lunar farside area	1973
19730078065	The development of electrical isolators for mercury ion thrusters	1973
19730078066	Fundamental study of full-coverage film cooling	1973
19730078067	Japan: Nuclear, missile, space, and defense developments, no. 181	1973
19730078068	France: Nuclear, missile, and space developments, no. 367	1973
19730078069	Small, high speed seal technology: Turbomachinery specialties	1973
19730078075	Japan: Nuclear, missile, space and defense developments, no. 183	1973
19730078082	High resolution infrared radiation sounder for the Nimbus F spacecraft	1973
19730078092	A unified metabolism detector for Mars	1973
19730078093	Radiative transfer in realistic planetary atmospheres	1973
19730078094	Thermal radiation from interplanetary dust	1973
19730078095	Fluid dynamic studies on scattering aerosol and its generation for application as tracer particles in supersonic flow measurements utilizing laser Doppler velocimeter	1973
19730078096	Japan: Nuclear, Missile, Space, and defense developments, no. 186	1973
19730078097	F401-PW-400 engine development program (PFRT) (U)	1973
19730078098	Class F-4D flight test (U)	1973
19730078099	Performance characteristics of the F101-GE-100 mixed-flow augments at simulated flight conditions (U)	1973
19730078100	Studies of the influence of oxidizer granulation on the erosive burning of composite propellants	1973
19730078101	S-band solid-state power amplifiers	1973
19730078102	Vibration energy summations in response domain for coulomb damped elastic systems with sinusoidal excitation	1973
19730078109	Flight test of the improved timer assembly for the LUU-2/B flare	1973
19730078111	Bistatic radar cross section and phase measurements of projectiles	1973
19730078113	Broadband GaAs field effect transistor amplifier	1973
19730078114	EMC analysis of the DCS Frankfurt-Koenigstuhl-Vaihingen upgrade	1973
19730078116	The airborne air surveillance radar	1973
19730078118	Production quality assurance testing of a Minuteman 3 LGM-30G Stage 2 rocket motor at simulated pressure altitude (Motor S/N PQA6-62)	1973
19730078126	Individual motor report M55A1 Minuteman operational quality assurance rocket motor QA-1202, 0013746, revision A	1973
19730078127	Millimeter radar investigation	1973
19730078129	Estimating optimal performance of position-aided dead reckoning navigation system	1973
19730078132	BQM-34E missile target system: Maintainability demonstration inspection	1973
19730078133	Literature search on compatibility of double base propellants and cured epoxy resins	1973
19730078134	Electrical Discharge Machining (EDM)	1973
19730078137	Cylindrical photodiodes	1973
19730078138	Evaluation of an airjet system for producing steady state total pressure distortion at the inlet of turbine engines	1973
19730078140	A guide for predicting the vibrations of fighter aircraft in the preliminary design stages	1973
19730078146	Production engineering measure for mechanized production and test equipment for high volume subminiature ceramic chip capacitors	1973
19730078151	Accelerated service testing of the J52-P-408 engine	1973
19730078154	F-14A airplane acoustical noise measurements	1973
19730078155	Model F-8J/J57-P-420 installed thrust and take-off distance evaluation	1973
19730078156	System 621B user equipment definition and experiments program. Task 6, phase 2 Volume 1: Executive summary	1973
19730078158	The exterior gravitational field and the figure of the physical surface of the earth	1973
19730078160	HAVE CAKE. Volume 2: Safe release testing of AN/ALA-17 flare from HH-53, HH-3, HC-130N, C-7, C-47, C-119G, CH-47 and HH-43 aircraft	1973
19730078162	Application behavior in low-temperature environments of epoxy adhesives for vibration damping tiles	1973
19730078164	Conspicuity markings for helicopters	1973
19730078175	Phase 1 test report of amphibious assault landing craft program, craft towing system	1973
19730078177	Exploratory and advanced development programs	1973
19730078178	Experimental investigation of the ground impact characteristics of a 1/4-scale model of an aircraft emergency crew escape capsule	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730078180	Production quality assurance test of a Bell Aerospace Company propulsion system rocket engine at simulated altitude, system S/N A4(v0709)PQA-16	1973
19730078181	Effect of alleviating ablative materials on high power microwave transmission through the plasma sheath	1973
19730078186	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1973
19730078187	Advanced semiconductor memory technology	1973
19730078188	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors	1973
19730078192	Effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 16: Preparation of selected corrosion resistant finishes	1973
19730078194	Limited performance tests CH-54B (TARHE) helicopter	1973
19730078199	SEAMEWS system study C, addendum	1973
19730078200	An investigation of the internal ballistics of solid fuel ramjets	1973
19730078206	Laser Obstacle/Terrain Avoidance Warning System (LOTAWS)	1973
19730078218	Supersonic inlet design and airframe-inlet integration program, project Tailor-Mate. Volume 3: Composite inlet investigation	1973
19730078219	Feasibility test of a target contrast measurement technique	1973
19730078220	Computer-aided design of waveguide filters	1973
19730078221	Low angle tracking investigation	1973
19730078222	Low-noise C-band transistor gain module	1973
19730078227	Production Engineering Measure (PEM) power supplies for 18 and 25 mm second generation image intensifier tubes	1973
19730078228	Application of Schalkwijk source coding techniques to pictorial sources	1973
19730078229	Program for the transformation and manipulation of digitized, periodic data in multiple channel arrays	1973
19730078230	Advanced development model AN/GVS-5 laser rangefinder	1973
19730078231	Studies of field assisted photocathodes for 1 to 2 microns	1973
19730078232	Expanded service test of pump, flood and transfer, high capacity, low pressure, 8-inch	1973
19730078233	Expanded service test of pump, petroleum products, high capacity, high pressure, 8-inch	1973
19730078235	Lamps mk-3 development (Light Airborne Multi-Purpose System). Ship/CIC equipment configurations	1973
19730078242	MBU-10/P quick donning oxygen mask	1973
19730078245	Broadband gallium arsenide Schottky Barrier gate field-effect-transistor amplifier	1973
19730078246	Concealed weapon detector	1973
19730078248	Experimental programmable modem	1973
19730078249	Recording procedure adapted to the optic treatment in real time	1973
19730078250	Dynamics testing of a Bell Aerospace Company propulsion system rocket engine for aging and surveillance purposes (system S/N A4V0332)	1973
19730078251	Evaluation of a crash position locator/flight data recorder system in the C-2A airplane	1973
19730078252	Laser applications system study. Volume 4: Laser radar subsystems	1973
19730078253	Laser applications system study. Volume 5. Appendix	1973
19730078254	Aerodynamic characteristics of a canard control modular weapon configuration at transonic Mach numbers	1973
19730078255	A procedure for interlaboratory correlation of fluid analysis spectrometers	1973
19730078256	Audio transducer study	1973
19730078258	Machining of new materials	1973
19730078260	Lift and drag prediction in computer aided design. Volume 1: methods manual	1973
19730078261	Development of chemical laser computer models. Volume 2, part 2: User's manual for the ODE/ODK code	1973
19730078262	Development of chemical laser computer models. Volume 4, part 1: User's manual for the super code	1973
19730078263	Development of chemical laser computer models. Volume 4, part 2: User's manual for the super code	1973
19730078264	Manufacturing methods program, 5 w cw argon ion laser. Volume 1: Argon ion laser manufacturing methods	1973
19730078265	Manufacturing methods program, 5 w cw argon ion laser. Volume 2: Installation and operating instructions	1973
19730078266	Manufacturing methods program, 5 w cw argon ion laser. Volume 3: Production document	1973
19730078268	Failure investigation of an oil pipeline flange	1973
19730078270	Static electricity and its effects	1973
19730078273	Conference on Modern Applications of Pyrotechnics. Abstracts	1973
19730078274	The evaporation of deposited drops of volatile liquid. Part 8: The evaporation from a contamination field, consisting of a uniformly spaced array of deposited drops, into a turbulent air stream, no adsorption of vapour taking place at the ground	1973
19730078275	Black Brant rocket AAF-VI-01 launched at churchill research range 0606 CDT 16 May 1973	1973
19730078276	Silicon avalanche photodiode	1973
19730078278	Evaluation of pulsed T-burner for metalized propellants. Volume 2: Stability	1973
19730078279	Evaluation of pulsed T-burner for metalized propellants. Volume 3: Piston pulser development	1973
19730078280	Manufacturing methods for high temperature reinforced plastic aircraft radomes. Materials, processes and full-scale radome characterization, volume 1	1973
19730078288	Development of erasable storage medium and directly driven membrane page composer	1973
19730078289	A-6 Ram air turbine generator design verification, environmental	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730078290	Cathode-driven, high gain, crossed-field amplifier	1973
19730078291	Reliability investigation of polarization insensitive phase shifters	1973
19730078292	Update of the data handling system studies and consultation	1973
19730078293	Sintered bodies of the silicon nitride-alumina system	1973
19730078294	Telecommunication satellite, part 1	1973
19730078295	Reaction jet control effects on the Air Force advanced tactical rocket at Mach numbers 2, 3, 4, and 5	1973
19730078296	Manufacturing methods and technology measure for nickel-zinc secondary batteries	1973
19730078299	Minuteman hot structure heating augmentation study. Volume 1: Mechanisms and analysis	1973
19730078300	Minuteman hot structure heating augmentation study. Volume 2: Coupled effects modeling	1973
19730078301	Operational program for a six degree of freedom hybrid simulation of a Cannon Launched Guided Projectile (CLGP) interfaced to laboratory hardware-in-the-loop, volume 2	1973
19730078302	Advanced Avionics Fault Isolation System (AAFIS). Volume 1: AAFIS concepts	1973
19730078303	Analytical models for the B-52H, EC-135A, and 747-200 aircraft. Volume 1: B-52H aircraft (SAAGUST models)	1973
19730078304	Evaluation of pulsed T-burner for metalized propellants. Volume 1: Experimental procedure for the T-Burner	1973
19730078305	Manufacturing methods for the production of disk shapes by contour rolling	1973
19730078306	A study and analysis of the Position and Azimuth Determining System (PADS) for mapping, charting, and geodesy applications	1973
19730078307	SDR study for the elimination of dip-brazed salt leaching	1973
19730078310	TOW engineering change evaluation missile firings	1973
19730078311	Tank versus helicopter re-identification and re-acquisition time field test	1973
19730078312	Heating with micro- and macrowaves	1973
19730078314	South American transcontinental gravimetric profile - parallel 32 deg S	1973
19730078315	Iterative procedures of adjustment by indirect observations and some examples of their use in geodetic position nets	1973
19730078316	Separation characteristics of several munitions from the F-4C and F-111E aircraft at Mach numbers from 0.9 to 1.6	1973
19730078317	Production engineering measure for Electronic Quality Assurance Test Equipment, automatic (EQUATE)	1973
19730078318	Summary of MITRE Huntsville activities for FY73	1973
19730078319	Standardization of analog and digital multimeters	1973
19730078320	CG: A combinatorial geometry module for the MICOM laser terminal homing systems program	1973
19730078322	Portable dry-well temperature calibration system evaluation	1973
19730078323	Fused silica design manual, volume 2	1973
19730078324	Design of constant confidence sequential tests	1973
19730078325	A digital simulation with human interaction of a one vs. many air to air intercept	1973
19730078326	Special study to improve liquid fluorescent penetrant inspection methods	1973
19730078327	Impedance of whip antennas	1973
19730078328	Digital signal processing	1973
19730078329	Analysis of electromagnetic radiation hazards at Patuxent River Naval Air Test Center (Maryland)	1973
19730078330	Technical evaluation of modified Loran C receiving system LR-104	1973
19730078332	Production engineering measure for S-band 10-20 watt transistor	1973
19730078333	Development of accelerometer for air-to-surface missile inertial systems	1973
19730078334	Long life krypton arc lamp for pumping Nd YAG lasers	1973
19730078335	Threaded law warhead/rocket motor connection	1973
19730078336	All semiconductor distributed aerospace processor/ memory study. Volume 2: Description of alternatives and tradeoffs	1973
19730078337	Studies of silver interlayer photocathodes at 1.06 microns	1973
19730078339	Summary of Air Force/industry manufacturing cost reduction study, 28 Aug. - 1 Sep. 1972	1973
19730078340	Improvement of manufacturing methods for the production of low cost silicon carbide filament	1973
19730078341	S-band solid-state power amplifiers	1973
19730078342	Low-angle tracking investigation	1973
19730078343	What's happening in pyrotechnics	1973
19730078344	Lithium tantalate crystal development	1973
19730078345	Electro-optical aerospace surveillance studies	1973
19730078346	Feasibility study on the use of neodymium for the detection of hydrogen in metals	1973
19730078347	Reentry Vehicle Materials Technology (REVMAT) program thermal and mechanical evaluations of two carbon-carbon materials with various weave spacings	1973
19730078348	Instrumentation development plan for the Chesapeake Test Range	1973
19730078349	Transonic performance of jet flaps on an advanced fighter configuration	1973
19730078350	Experimental optimization of recessed-nozzle aerodynamic windows for gas dynamic lasers	1973
19730078351	Investigation of the corrosion behavior of HY-180 steel	1973
19730078352	UH-1N automatic flight control system Navy evaluation	1973
19730078354	Development of an electric discharge laser aerodynamic window	1973
19730078355	The connection between explosion Mach number and reaction heat of gas explosion	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19730078356	Development of unconventional gyro (nutatron technique) for tactical aircraft inertial systems	1973
19730078357	Performance evaluation of the EKA-3 aircraft with the J-57-P-10, TF34-GE-2, TF30-P-8, TF41 growth and JTF 22a engines	1973
19730078358	Efficiency study of electrically short high-frequency antennas	1973
19730078359	Integrated solid-state microwave sources	1973
19730078360	Milestone MLB high power I-band trapatt amplifier	1973
19730078361	T58 engine 1973 component improvement programs	1973
19730078362	Hardened solar power system	1973
19730078363	Demonstrated and projected capabilities of a real gas, high density hypersonic/hypervelocity aerodynamic test facility (AEDC-VKF Tunnel J)	1973
19730078364	Production engineering measure for improved reliability of subminiature metallized polycarbonate capacitors	1973
19730078365	HF/DF chain reaction laser	1973
19730078366	Solar Collector Thermal Power System (SCTPS)	1973
19730078367	Integrated navigation satellite/inertial system flight test analysis	1973
19730078368	Engagement logic and system specification and validation. TDP version 1: Simulator description, baseline CISS	1973
19730078369	Basic circuit modules	1973
19730078372	Thermal cross-linking of a polyphenylimide-quinoxaline (U)	1973
19730078373	An analyses of a multi-mode inertial autopilot for controlling the trajectory of a submarine launched thrust vector controlled advanced cruise missile (U)	1973
19730078374	An examination of aerial standoff radar surveillance systems (U)	1973
19730078376	Passive ranging simulation using sea test data (U)	1973
19730078377	Intermediate temperature photovoltaic detectors (U)	1973
19730078380	A preliminary study of the utility of supersonic carriage and delivery (U)	1973
19730078385	Development of HTPB propellant for air launched missiles (U)	1973
19730078387	Improved binders for propellant application (U)	1973
19730078388	Modification of propellant binders (U)	1973
19730078391	Conduct an operational appraisal on the interim sea control ship (U)	1973
19730078392	Conduct an operational appraisal on the interim sea control ship (U)	1973
19730078397	Nozzleless-GBPR concepts integration demonstration (U)	1973
19730078399	Manufacturing methods and technology: 8 to 14-micron (HgCd), Te array modules (U)	1973
19730078400	Ambient noise and signal-to-noise profiles in IOMEDEX (U)	1973
19730078402	Development of a track generator display for the AN/SQS-47 sonar (U)	1973
19730078407	Determine the effectiveness of air-to-air missile against maneuvering targets (U)	1973
19730078409	Evaluation of hand-held optical communicator model 46352A (U)	1973
19730078414	Autobuoy underwater acoustic data and analyses (U)	1973
19730078419	FASOR 2: Propagation and echo ranging (U)	1973
19730078422	Improvements to the tracking capabilities of the AN/AWG-10 weapon control system (U)	1973
19730078423	Advanced Turbine Engine Gas Generator (ATEGG) program. Volume 2: GMA200 (U)	1973
19730078424	Advanced Turbine Engine Gas Generator (ATEGG) program. Volume 1: GMA100 (U)	1973
19730078427	Advanced turbine engine gas generator program (ATEGG/GE14) (U)	1973
19730078428	Axial-centrifugal compressor program, phases 1 and 2 (U)	1973
19730078429	Improved HTPB prepolymers for tactical propellants (U)	1973
19730078430	EA-6B weapon system personnel planning data (U)	1973
19730078431	Development and test of a highly energetic ALH3 difluoramino propellant (U)	1973
19730078438	Combat Sage. PACAF weapon system evaluation program (U)	1973
19730078440	Description of ASP (ASW search program). Volume 3: Programmer's guide (U)	1973
19730078442	Intrapulse signal analysis, phase 1 (U)	1973
19730078444	Microsonic set-on receiver (U)	1973
19730078451	Aircraft Industry Mobilization Study (AIMS) (U)	1973
19730078456	The ordinary-extraordinary mode clutter cancellation study (U)	1973
19730078457	Experimental evaluation of frequency-dependent target effects (U)	1973
19730078461	Laser threat warning receiver (U)	1973
19730078465	Tactical analysis group operations summary (U)	1973
19730078474	Conduct an operational appraisal of the SH-3H weapons system (U) qs	1973
19730078510	Aeronautical systems technology needs, materials (U)	1973
19740001926	Study of heaving motion in air cushion vehicles	1973
19740002027	On-board processing for data collection satellite systems	1973
19740002121	Space simulation testing for the Skylab waste tank	1973
19740002122	A thermal vacuum test of Skylab orbital workshop refrigeration subsystem	1973
19740002123	General Electric Company Underwater Environmental Laboratory's zero G techniques applied to the environment	1973
19740002124	Mars surface thermal environment for Viking lander design and test	1973
19740002125	Thermal testing of the Viking lander in simulated Martian environments	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740002126	The radiometric calibration and performance evaluation of the ASET Facility	1973
19740002127	Increase of the absorptance of a shroud for a thermal test facility and methods of determination	1973
19740002128	Testing for thermal fatigue failures in solar arrays	1973
19740002129	A test facility for 6000 hour life test of a 30 cm mercury ion thruster	1973
19740002130	Computer simulation of temperatures on the Centaur standard shroud during heated jettison tests	1973
19740002131	Infrared simulation and thermo-vacuum facility - ISA/TVA	1973
19740002132	Comparative evaluation of predicted and measured performance of a 68m3 truncated reverberant noise chamber	1973
19740002133	Dynamics of the Skylab waste tank system	1973
19740002134	Thermal scale modeling of a spacecraft radiator with coupled forced convection-conduction-radiation heat transfer	1973
19740002135	Simulation of Martian and eolian phenomena in the atmospheric wind tunnel	1973
19740002136	Simulation of spacecraft interaction with a parallel-streaming plasma	1973
19740002137	Simulation as a computer design aid	1973
19740002138	Development of a stochastic simulation model for performance evaluation	1973
19740002139	Contamination control in space simulation chambers	1973
19740002140	Space simulation ultimate pressure lowered two decades by removal of diffusion pump oil contaminants during operation	1973
19740002141	A method for predicting blast wave overpressure produced by rupture of a gas storage vessel	1973
19740002142	Leak testing of high pressure oxygen and nitrogen tank systems for the Skylab Airlock	1973
19740002143	Thermoelectrically-cooled quartz crystal microbalance	1973
19740002144	Development of a miniature cryogenic QCM for low temperature contamination measurement	1973
19740002145	Transient frequency effects in piezoelectric quartz crystals caused by incident thermal radiation	1973
19740002146	Photographic measurement of particulate surface contamination	1973
19740002147	Measurement on condensate film contamination on critical surfaces by charged particle excited X-ray fluorescence	1973
19740002148	Evaluation of radioisotope tracer and activation analysis techniques for contamination monitoring in space environment simulation chambers	1973
19740002149	Outgassing tests in support of a proposed ASTM specification	1973
19740002150	A shrouded flow arc air heater for simulation of a 250 megawatt plasma jet heater	1973
19740002151	The ablation performance of foams in a low heat flux	1973
19740002152	Space shuttle entry environment testing techniques	1973
19740002153	Response of candidate metallic space shuttle materials to simulate reentry environments	1973
19740002154	Testing of space shuttle thermal protection system panels under simulated reentry thermoacoustic conditions	1973
19740002155	Simulation of three-dimensional coolant flow within transpiration nosetips	1973
19740002156	Investigation of critical defects in ablative heat shield systems	1973
19740002157	Properties of a closed pore insulation thermal protection system	1973
19740002158	Ablative heat shield design for space shuttle	1973
19740002159	A study of ablator producibility and refurbishment methods	1973
19740002160	Development of techniques for advanced optical contamination measurement with internal reflection spectroscopy	1973
19740002162	The far ultraviolet photolysis of polymethylphenylsiloxane films on quartz substrates	1973
19740002163	High intensity solar simulation test for structure parts and experiments for the Helios solar probe	1973
19740002164	Solar probe helios, mission requirements and applied space simulation techniques	1973
19740002165	The design and operation of an infrared simulator for testing of the shuttle radiator system	1973
19740002166	Method and results of infrared testing of the Helios solar probe	1973
19740002167	Large solar beam testing at planet mercury and greater intensities in the JPL 25 ft space simulator	1973
19740002168	Outgassing measurements of a thermal blanket and a space chamber using quartz crystal microbalances	1973
19740002169	Molecular density determination of water vapor in a 0.0001 to 0.01 torr vacuum environment by ultraviolet absorption	1973
19740002170	Mathematical model of molecular flow in the NASA-JSC thermal-vacuum chamber A	1973
19740002172	Solar image, corona and radiation simulations for the Apollo telescope mount displays of the Skylab simulator	1973
19740002173	A novel 20 kW solar simulator designed for air pollution research	1973
19740002174	A novel facility for radiant heat transfer experiments	1973
19740002176	Improved spatial uniformity of beam-plane interaction by means of inverse rastering	1973
19740002177	An absolute total radiation radiometer for measuring a wide range of irradiances in space simulators	1973
19740002178	Qualification of nonmetallic materials for the Viking Mars lander	1973
19740002179	Sphere forming in zero gravity	1973
19740002180	A new method for determining the absorptivity and emissivity of metal wires	1973
19740002181	Heat transfer at subatmospheric pressures, 1	1973
19740002182	A rocket-borne, low gravity cryogenic heat transfer experiment	1973
19740002183	Temperature rise for spring-loaded phase change devices	1973
19740002244	Land classification of the Lake Dakota Plain in South Dakota with remote sensing methods	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740002266	Generation of Alfvén waves in the magnetosphere by parametric interaction between whistlers	1973
19740002283	Angular distribution and altitude dependence of atmospheric neutrons from 10 to 100 MeV	1973
19740002352	Trends in the development of automatic test equipment	1973
19740002416	The internal oxidation of silver alloys at high pressures and in atomic oxygen	1973
19740002453	Model error compensation techniques for linear filtering	1973
19740002559	Research investigation directed toward extending the useful range of the electromagnetic spectrum	1973
19740002577	Influence of surroundings on the frequency of an oscillating quartz crystal	1973
19740002619	NASA/GE quiet engine A acoustic test results	1973
19740002658	Billions into orbit. The dismal balance sheet of European space activities	1973
19740002659	Mars spacecraft on a super long journey	1973
19740002662	The meteorological effects of cosmic rays	1973
19740002684	Insulation commonality assessment (phase 1), volume 1: Section 1.0 through 6.0	1973
19740002727	Computer program for Structural Analysis of Layered Orthotropic Ring-Stiffened Shells of Revolution (SALORS), linear stress analysis option	1973
19740002790	Technology transfer to a developing nation	1973
19740002805	Aerodynamic problems of STOL aircraft	1973
19740002809	Views regarding the validity of results from simulation testing in comparison with the results from actual flight test	1973
19740002810	Comparison of simulation and flight testing at automatic STOL landing	1973
19740002832	Skylab plume contamination experiments	1973
19740002835	Influence of wind frequency on rotational speed adjustments of windmill generators	1973
19740002866	A biologist's questions on space	1973
19740002877	Dielectric constants and refraction indices of gases as a function of pressure	1973
19740002979	Ground lighting equipment	1973
19740002980	Visual landings in regional and local airports	1973
19740002981	Information content of different runway lighting patterns	1973
19740002982	Selected problems regarding the formation of a simulation model	1973
19740003035	ERTS-1 imagery use in reconnaissance prospecting: Evaluation of the commercial utility of ERTS-1 imagery in structural reconnaissance for minerals and petroleum	1973
19740003097	Possibility of surveying Italian earthquakes by means of a network of strong motion accelerographs	1973
19740003098	Gravitational waves: A means of communication with highly developed civilizations	1973
19740003102	Skane from an altitude of 900 kilometers	1973
19740003103	The first ERTS-pictures over Skane	1973
19740003104	Multi-spectral reproduction from ERTS-1	1973
19740003105	Terminal moraines observed in ERTS-1 pictures	1973
19740003167	An ERTS view of Alaska, a regional analysis of earth and water resources based on satellite imagery	1973
19740003177	Development and flight test of the Multichannel Ocean Color Sensor (MOCS)	1973
19740003320	Modern beaconing in airports for bad weather flights	1973
19740003441	Reflection of background ions by an expanding laser produced plasma	1973
19740003444	Magnetically induced collisionless coupling between counterstreaming laser-produced plasmas	1973
19740003546	A method for studying the turbulence of interstellar matter	1973
19740003547	Two possible objects of searches for highly developed civilizations	1973
19740003585	Applications satellites legal aspects. Part 1: Space law applications satellites	1973
19740003616	Summary of systems analysis of hydrogen as an energy carrier in the United States	1973
19740003617	Current energy shortage in the United States	1973
19740003618	Production of hydrogen	1973
19740003619	Transmission and storage of hydrogen	1973
19740003620	Usage of hydrogen	1973
19740003621	Safety, legal, environmental, economic, political, and social aspects of hydrogen	1973
19740003622	Implementation of a hydrogen energy carrier system	1973
19740003670	Future aspect of analytics: Modern foundations and goals	1973
19740003671	Four Cities: High Technology Faces Urban Problems	1973
19740003702	Calculation of flows around zero thickness wings with evolutive vortex sheets	1973
19740003714	On the reliability of results from the tower test for free flight tests	1973
19740003768	The relationship between gas exchange and volume per minute in the heart for baths at various 4,1937	1973
19740003769	Effect of prolonged hypokinesia on the heart muscle of rats	1973
19740003770	Time dependence of visual perception on dimensions of alphabet-number text	1973
19740003771	Effects of the electrical stimulation of human muscles during the simulation of weightlessness	1973
19740003772	Characteristics of metabolism during long water immersion	1973
19740003773	Functional tests in the study of water-salt exchange and renal function in cosmonauts	1973
19740003774	Certain otorhinolaryngological problems in medical support of space flights	1973
19740003775	Change in the functioning of the vestibular analyzer in space flight	1973
19740003777	Golgi apparatus and origin of the secretory granules in adenohipophyseal cells in the cells in the rat. Autoradiographic studies with the electron microscope after injection of tritiated leucine	1973
19740003855	Limits of suitability of pseudorandom signals for statistical tests	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740003902	On the effect of reliability of simulation results on the methodology of flight testing and simulation	1973
19740003930	Nonsteady-state shock wave fronts and their interaction	1973
19740003974	Determining the movement of a liquid for a condition specified on a streamline	1973
19740004121	Elastic vibrations in roller bearings. 1: The rotating mass is balanced with respect to its own rotational axis	1973
19740004142	Process for surface-treating metals by the application of silicate films	1973
19740004143	Finish containing zinc dust for protection against corrosion	1973
19740004173	Reaction of spodumene with alkali sulfates	1973
19740004206	Agrometeorological methods for forecasting and estimating crop yield	1973
19740004329	Electronics research projects on solid state, plasma, electrical and bioengineering, and biomathematics	1973
19740004343	Possible evidence for structured acceleration of cosmic rays on a galactic scale from recent gamma ray observations	1973
19740004376	Lunar perturbations on artificial satellites of the earth	1973
19740004384	The Spacelab program	1973
19740004459	Heat transfer of a disk rotating in a casing	1973
19740004460	Investigation of heat transfer for two versions of turbine disk cooling	1973
19740004795	Automatic program verification 1: A logical basis and its implementation	1973
19740004877	The separation condition of boundary layers	1973
19740005087	Design and development of space storable, explosively actuated valve	1973
19740005152	Development of self-contained portable unit for nondestructive compositional analysis of aircraft and space systems alloys	1973
19740005576	US technology: Trends and policy issues	1973
19740005593	The institute for Flight Mechanics, Braunschweig (081) and Stuttgart (027)	1973
19740005594	Calculation of potential flow about axially symmetric fuselages, annular profiles and engine inlets	1973
19740005596	Dynamic stall	1973
19740005604	New technologies and profitability of helicopters	1973
19740005649	Evaluation program for secondary spacecraft cells: Synchronous orbit testing of General Electric Company 6.0 ampere-hour sealed nickel-cadmium cells	1973
19740005661	Sensitization to metabolic and cardiovascular effects of catecholamines	1973
19740005662	Psychophysiology: Relationships in rats between speed of learning and duration of paradoxical sleep during the nycthemeric cycle	1973
19740005663	The effect of dipine on phenobarbital induction of cytochrome P-450 induction and stimulation of mitotic activity in the hepatic cells of the rat	1973
19740005666	Problems of space biology. Volume 19: Problems of the resistance of biological systems	1973
19740005670	The effect of dehydration and hyperthermia on the homeostasis of the healthy man	1973
19740005700	Problems of space biology. Volume 22: Metabolism under the extreme conditions of spaceflight and during its simulation	1973
19740005894	Definition of earth resource policy and management problems in California	1973
19740005895	User requirements for the application of remote sensing in the planning and management of water resource systems	1973
19740005896	Remote sensing data as an aid to resource management in northern California	1973
19740005897	River meander studies	1973
19740005898	Assessment of resources in the central regional test site	1973
19740005899	Environmental monitoring and assessment in southern California using remote sensing techniques	1973
19740005900	Digital handling and processing of remote sensing data	1973
19740005901	Investigation of atmospheric effects in image transfer	1973
19740006270	Representation of hot jet turbulence by means of its infrared emission	1973
19740006309	Some electron structure characteristics of W-Re solid solutions	1973
19740006348	Solar activity and the weather	1973
19740006351	Rigid and differential rotation of the solar corona	1973
19740006385	Time correlation of heavy cosmic ray nuclei	1973
19740006395	The cosmonaut as researcher	1973
19740006418	Simulation of thermal systems of a space vehicle and its environment	1973
19740006470	Strength of thin intermediate layers	1973
19740006513	Stability and oscillation of elastic systems: Modern concepts, paradoxes and errors	1973
19740006594	Flutter computer program and lifting surface theory with boundary layer	1973
19740006638	Calculation and analysis of aircraft motion	1973
19740006710	Problems of space biology. Volume 20. Mathematical models of biological systems	1973
19740006711	The value of exercise at one-half earth gravity in preventing adaptation to simulated weightlessness	1973
19740006961	Ocean geoid determination investigation	1973
19740006986	High resolution infrared radiation sounder for the Nimbus F spacecraft	1973
19740007370	Particle acceleration in solar flares	1973
19740007389	Shear testing of simulated lunar soil in ultrahigh vacuum	1973
19740007398	Jupiter's radiation belts	1973
19740007422	From spaceships to orbiting stations: Second edition	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740007562	NASA management technology, appendix C	1973
19740007668	Pineal mechanism and avian photoperiodism	1973
19740007937	Problems of space biology. Volume 18: The effect of certain space and geophysical factors on the biosphere of the earth	1973
19740008189	Atmospheric Corrosion	1973
19740008436	Operations analysis (study 2.6). Volume 3: Payload designs for space servicing	1973
19740008739	Thresholds for the perception of angular acceleration as indicated by the oculogyral illusion	1973
19740009262	Fate and effects of oil pollutants in extremely cold marine environments	1973
19740009304	Autocorrelation function of scattered light for a binary fluid near the critical mixing point	1973
19740009849	The Nineth International Shock Tube Symposium	1973
19740010036	Proceedings of the 18th Meeting of the Mechanical Failures Prevention Group	1973
19740010314	Operations analysis (study 2.6). Volume 1: Executive summary	1973
19740010539	Comments on NASA Langley research on transonic unsteady aerodynamics	1973
19740010987	Design and construction of a low-velocity boundary-layer temperature probe	1973
19740011467	Heat transfer and mixing of slush hydrogen	1973
19740011518	Sons of the blue planet	1973
19740011519	Conquest of outer space in the USSR: Official announcements by TASS and material published in the national press from October 1967 to 1970	1973
19740011847	The Bering experiment	1973
19740011867	Light regime of a two-layer atmosphere-sea medium	1973
19740011868	Division of the Pacific Ocean based on transparency	1973
19740011871	Statistical characteristics of the light scattering function of sea water	1973
19740011872	Two methods of measuring the spectral coefficients of light transmission by substantial thicknesses of sea water	1973
19740011873	Using the light scattering function for studying suspended matter in the sea	1973
19740011900	Mirror optics of X-ray telescopes and a description of a program for design of an objective	1973
19740011905	High-speed logarithmic photodetectors with wide input signal range	1973
19740011912	An objective lens hydrospectronephelometer for measuring, in situ, the optical characteristics of sea water	1973
19740012041	The composition and pressures of gases in occlusions of certain tektites and silica glasses	1973
19740012059	Numerical experiments on inversion of scattering index by the method of statistical regularization	1973
19740012204	The spectral distribution of the luminance coefficient of the sea in waters with diverse optical properties	1973
19740012205	Basic relationships between hydrooptical characteristics	1973
19740012206	Diffusion of radiation in a medium limited by a glassy surface	1973
19740012207	Nonstationary radiation field in a semi-infinite medium with nonisotropic scattering	1973
19740012208	Study of polarization of light scattered by sea water	1973
19740012220	Photoelectron angular distributions as a probe of anisotropic electron-ion interactions	1973
19740012345	The generation of nuclei of cosmic rays of solar origin	1973
19740012388	Optical properties of the lower atmosphere of Venus (interpretation of measurements of the Venera 8 spacecraft)	1973
19740012491	Small Scale Gap Test (SSGT) data compilation; 1959-1972. Volume 1: Unclassified explosives	1973
19740012702	The relationship between the slowly varying component of solar radio emission and large scale photospheric magnetic field patterns	1973
19740012853	Errors in measurement of underwater irradiance in the sea	1973
19740012860	Geomagnetic responses to the solar wind and solar activity	1973
19740013293	Anomalous cosmic-ray anisotropy and unidirectional interplanetary magnetic field during 1954	1973
19740013316	A study of possible models for Balmer emission line regions in Seyfert galaxies	1973
19740013661	Works concerning silica aerogels	1973
19740013662	Improvements applied to methods of preparing inorganic aerogels	1973
19740013689	The validity of the Rayleigh expansion	1973
19740013732	Exploring options for the future: A study of growth in Boulder county. Volume 3: Environmental constraints and opportunities	1973
19740013778	Switching theory of linear microwave networks	1973
19740013918	Vector diagram of the chemical compositions of tektites and earth lavas	1973
19740013922	Rocket investigations of the auroral electrojet	1973
19740013927	Some current systems in the near-polar region	1973
19740013929	Radiation characteristics of the atmosphere and the earth's surface	1973
19740013932	Radiation temperatures of the earth's mantle in the superhigh frequency and infrared regions based on data from an experiment on the artificial earth satellite Kosmos	1973
19740013935	The association of certain properties of relief of southeast Fergan with fracturing	1973
19740013974	Geomagnetic responses to the solar activity	1973
19740013995	Method and example of studying aerial photographs of the nautral fracturing of carbonates	1973
19740013996	Holographic diffraction gratings	1973
19740014054	Classical and holographic gratings. Efficiency problems and their bearing on instrumental spectroscopy	1973
19740014055	Towards the theoretical determination of the optimal profile of a holographic grating	1973
19740014057	The holographic grating of the Lyman Beta experiment of the D2A Polar satellite	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740014058	Investigation of holographic diffraction gratings for star spectroscopy	1973
19740014059	On the determination of the field diffracted by a holographic grating	1973
19740014060	Holographic diffraction gratings and their applications	1973
19740014061	Recent progress in the use of holographic gratings and several of their applications	1973
19740014169	Study of cloudiness parameters based on measurements from the Kosmos-384 satellite	1973
19740014206	A study of coronal condensations by means of their X-UV line spectrum	1973
19740014208	Magneto-optics: Optical detection of paramagnetic electronic resonance by measuring the paramagnetic rotary polarization of a visible radiation	1973
19740014228	Theory of radiation generated by charged particles passing through continuous periodic medium	1973
19740014229	Light emission in the vacuum ultraviolet through electron collision excitation in gases. Part A: Investigations in oxygen	1973
19740014230	Predissociation in an electric field: A new phenomenon in molecular spectroscopy	1973
19740014299	Frequency of supersonic inlet unstarts due to atmospheric turbulence	1973
19740014309	A study of the mean solar magnetic field	1973
19740014374	Plasma turbulent reactors in collapsars	1973
19740014375	The position and Stokes parameters of the integrated 21 cm radio emission of Jupiter and their variation with epoch and central meridian longitude	1973
19740014387	Operations on the SMS satellite	1973
19740014420	Filament-wound Kevlar 49/epoxy pressure vessels	1973
19740015254	Certain aspects of planetary jointing and related phenomena	1973
19740015269	The radiation belts of Jupiter	1973
19740015338	Small scale yielding analysis of mixed mode plane strain crack problems	1973
19740018203	Unified range spectrum and LET distribution for HZE particles of galactic radiation in space	1973
19740018708	Experimental investigation of the flow field of a hot turbulent jet with lateral flow, part 2	1973
19740018972	Proposed mechanism of tornado formation from rotating thunderstorms	1973
19740019193	Solar activity and sudden changes in the natural processes on earth: A statistical analysis	1973
19740019200	Short duration solar microwave bursts and associated soft X-ray emission	1973
19740020044	The biophysics of strong interactions of high energy hadrons	1973
19740020993	Theoretical model of the diurnal variations of the temperature, density, and winds in the equatorial thermosphere of the earth during the equinox	1973
19740021097	Evaluating future propulsion and technical requirements for upper stages. Task 1: Final presentation	1973
19740021225	Space and man's environment	1973
19740021226	Spaceship earth: A look ahead to a better life	1973
19740021672	Cybernetic diagnostics of mechanical systems with vibro-acoustic phenomena	1973
19740021696	Optimization of Parameters of Three-Layer Vibration-Absorbing Structures Using a Digital Computer	1973
19740021706	Computer diagnostics of shock processes	1973
19740021757	Statistical determination of the accuracy of recording of a high-speed electrostatic recorder	1973
19740021814	Stiffness and damping of an inherently compensated gas lubricated bearing of square geometry	1973
19740025471	Perception of body position and susceptibility of motion sickness as functions of angle of tilt and angular velocity in off-vertical rotation	1973
19740026067	Experiments on the origins of optical activity	1973
19740026324	Book of proceedings of the Interagency Symposium on University Research in Transportation Noise, Volume 1	1973
19740026325	Book of proceedings of the Interagency Symposium on University Research in Transportation Noise, Volume 2	1973
19740026601	A method for calculation of a fully stalled flow	1973
19740031605	Monocarboxylic acids in Murray and Murchison carbonaceous meteorites	1973
19740032384	Response time in the full visual field	1973
19740035097	Survey of Electron-Bombardment Thruster Research	1973
19740035108	Climatology and the Space Program	1973
19740035157	Separation of small circular DNA molecules from the blue-green alga <i>Anacystis nidulans</i>	1973
19740040157	Simulated solar wind implantation of carbon and nitrogen ions into terrestrial basalt and lunar fines	1973
19740044850	Peptide Formation Mediated by Cyanate	1973
19740072112	Skylab Mission Report, First Visit	1973
19740072268	Earth-type planets: Mercury, Venus, Mars	1973
19740072473	Dislocation dynamics in LiF and MgO single crystals	1973
19740072501	Tracking and data system support for the Mariner Mars 1971 mission. Volume 4: Extended mission operations	1973
19740072679	Design, fabrication, test, and delivery of one prototype hydraulic power management unit	1973
19740072837	New methods for nonlinear filtering	1973
19740072852	Twenty-third semiannual progress report, 1 July - 31 December 1973	1973
19740072862	Improving our environment	1973
19740072903	Payload carrier simulator man/systems program integration, volume 2	1973
19740073074	Weightlessness	1973
19740073120	NASA aeronautics	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740073283	Research and advanced development	1973
19740073369	Coupling reactions of naphthalene and acenaphthene	1973
19740073726	Research in the theory of diffraction	1973
19740073765	The technology transfer process: Where's the bridge	1973
19740074481	Conversion tables for velocities	1973
19740074522	A multidisciplinary research program on the environment	1973
19740074523	Development of sputtered techniques for thrust chambers	1973
19740074524	A program to investigate, characterize and describe meteorites in the collection of Arizona State University	1973
19740074525	Studies related to the surfaces of the moon and planets	1973
19740074528	Lunar studies	1973
19740074634	Multiday exposure of men to high nitrogen pressure and increased airway resistance at natural inspired oxygen tension: A 14-day continuous exposure to 5.2 percent O ₂ in N ₂ at 4.0 atmospheres absolute pressure	1973
19740074675	Pyrrrolizidine alkaloids. 19. Structure of the alkaloid erucifoline	1973
19740074952	Software for the Varian Statos 31 plotter offline to the CDC 3600/3800 and CDC 6000 series digital computers	1973
19740074992	Architectural principles for virtual computer systems	1973
19740075003	Investigation of the effect of metallurgical structure and properties on the adhesion and friction behavior of cobalt alloys	1973
19740075004	Suspended particulate size distribution and epidemiology of respiratory diseases in Houston	1973
19740075158	Evidence for E-vector and light intensity pattern discrimination by the teleost Dermogenys	1973
19740075161	Final report	1973
19740075174	Bulk and REE Abundances in Anorthosites and Noritic Fragments	1973
19740075369	Laminar interactions in high Mach number flows	1973
19740075389	Dispersion analysis of payload/vehicle spin-axis orientation following atmospheric exit for the Nike-Tomahawk vehicle	1973
19740075394	Construction of an Aerobee 1500 rocket to measure plasma waves in the range from 0-10 megacycles	1973
19740075395	Special element development	1973
19740075397	Space diversity for reception of satellite signals	1973
19740075775	Sonic boom research related to future air and space transportation systems	1973
19740075776	Glycoproteins, glucose, Glycerol, and kinetic anomalies of Phormia terranova, Apis, and Campontus	1973
19740075777	Research in gas dynamics of explosions	1973
19740075793	Ultraviolet photometry of R CRB and RY SGR	1973
19740075853	Research in planetary studies	1973
19740075855	Design and construction of a uniquely powerful echelle grating spectrograph system	1973
19740075857	Water pollution control through the legal system: A study of the Tennessee effort to control water pollution with emphasis on the Tennessee Water Quality Control Act of 1971	1973
19740075862	Combustion instability with partial length acoustic liners	1973
19740075863	Small bodies and the outer planets	1973
19740075867	Small, high pressure hydrogen turbopump	1973
19740075871	Research in planetary studies	1973
19740075888	Second Skylab mission SL-3, volume 2	1973
19740076043	Level 2 program definition and requirements. Volume 5: Space shuttle program information management requirements, Revision A	1973
19740076062	An application of Kalman techniques to aircraft and missile radar tracking	1973
19740076105	Studies on possible propagation of microbial contamination in planetary clouds	1973
19740076110	Kennedy Space Center safety practices handbook	1973
19740076155	Electronic structure of disordered alloys: Iteration scheme converging to the coherent-potential approximation	1973
19740076156	Real-time EEG analysis and monitoring using in-phase and quadrature components	1973
19740076157	Error-free signal representation	1973
19740076186	Constructing variational principles	1973
19740076189	Method for optically aligning small specimens	1973
19740076191	X-ray photoelectron, X-ray emission and UV spectra of SiO ₂ calculated by the SCF X alpha scattered wave method	1973
19740076194	Exact intervals and tests for median when one sample value possibly an outlier	1973
19740076197	Gas dynamics and interactions between materials and gas flows at high speeds and high temperatures	1973
19740076385	Study on processing immiscible materials in zero gravity	1973
19740076389	The resolution of temporal and spatial variations in auroral particle measurements from sounding rockets	1973
19740076399	Martian Albedo features and topography	1973
19740076416	Mission Guidance and Energy Managements Analysis Report	1973
19740076534	Nuclear tracks in lunar samples: Collection of manuscripts	1973
19740076688	Reply	1973
19740076693	Comments on a paper by J. P. Heppner, Polar cap electric field distributions related to interplanetary magnetic field direction	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740077267	New England Research Application Center	1973
19740077271	Infrared spectra of molecules and materials of astrophysical interest	1973
19740077272	Detection techniques for tenuous planetary atmospheres	1973
19740077335	Interdisciplinary research concerning the nature and properties of ceramic materials	1973
19740077340	Spectra of solar radio bursts (ground support for ATM)	1973
19740077344	Comet Kohoutek press briefing	1973
19740077395	Lifetime of the metastable quintet S(0) state of atomic oxygen	1973
19740077495	The public policy dimensions of artificial insemination and human-semen cryobanking	1973
19740077641	On physical properties and interactions of polyatomic molecules: With application to molecular recognition in biology	1973
19740077642	The bilayer hypothesis of membrane structure	1973
19740077643	Bibliographic reference, 1973	1973
19740077644	Ionic structure of phospholipid membranes, and binding of calcium ions	1973
19740077645	Some comments on observability and related topics	1973
19740077646	On the dynamical realization of (M,R)-systems	1973
19740077647	Some refinements in the electrostatic theory of rotational potential functions	1973
19740077648	Molecular geometries and moments from the maximum overlap criterion	1973
19740077650	Artificial life synthesis is both necessary and desirable	1973
19740077665	Application of communications satellites to educational development	1973
19740077816	Circadian rhythm study	1973
19740077834	Annual report	1973
19740077853	Microearthquakes at St. Augustine volcano, Alaska, triggered by earth tides	1973
19740077890	Transcutaneous cooling of a large blood vessel by a symmetrical strip	1973
19740077908	Conceptual design of a near-self-supporting lunar colony	1973
19740078028	Polarizability calculations on water, hydrogen, oxygen, and carbon dioxide	1973
19740078029	Hindered rotation and energetics of binding in the field of a biomolecular complex: A model for quaternary ammonium hapten antibody complexes	1973
19740078140	Production of edible carbohydrates from formaldehyde in a spacecraft	1973
19740078149	On polarizability calculations	1973
19740078312	Life detection based on soil atmosphere analysis	1973
19740078338	ILLIAC 4 execution times for two ERTS data interpretation algorithms	1973
19740078518	Metabolic studies of transient tyrosinemia and late metabolic acidosis in premature infants	1973
19740078754	A NATO extended conflict without Middle East oil	1973
19740078890	MSFC research and technology progress reports, 1 January - 31 March 1973	1973
19740078998	The neutral interplanetary medium	1973
19740079003	The effects of antitumor drugs on the cell cycle	1973
19740079252	The description of scenes over time and space	1973
19740079442	A comparison of special-purpose and general-purpose computers for data compression	1973
19740079702	New methods for analyzing impurities in boron. Purification of molten boron by electron bombardment.	1973
19740079856	Skylab: Earth resources investigations	1973
19740079861	Separate surface stability augmentation design and development	1973
19740079865	Separate surface stability augmentation simulation and flight test	1973
19740079882	Analytical study of gravity effects on laminar diffusion flames	1973
19740079904	Normal tissue tolerance to particle and heavy ion radiation	1973
19740079905	Electron irradiation of monkey skin	1973
19740079935	TIROS 9	1973
19740080108	Subsonic aerodynamic characteristics of a model having a highly swept wing in combination with a canard (U)	1973
19740080109	Simulation of a fixed-wing fighter aircraft having leading-edge slats (U)	1973
19740080111	Experimental plan for field tests to determine the time synchronization capability of dual VLF transmission using the OMEGA navigational system	1973
19740080112	ERTS-1 flood hazard studies in the Mississippi River basin	1973
19740080113	Least squares splines	1973
19740080114	A preliminary study of remote lift fan propulsion systems for Navy VTOL aircraft (U)	1973
19740080117	Thermal design of the IMP-I and H spacecraft	1973
19740080118	Delta-85 OSO-7/TETR-4 (OSO-H/TETR-D)	1973
19740080119	Remote lift fan study program, volume 5	1973
19740080121	Noise estimates for a family of four-engine augmentor wing STOL airplanes	1973
19740080124	Activation of the adrenergic system in men during work at high temperatures	1973
19740080125	Further fluorescence-serological studies on molds	1973
19740080126	Effect of paradoxical sleep deprivation on the acquisition and retention of conditioning in the rat	1973
19740080127	Evidence of direct relations between certain vestibular receptors	1973
19740080128	Preflight SL-1/SL-4 Skylab VHF ranging coverage	1973
19740080130	The drying of humid surfaces by means of warm air jets flow pattern and mass transfer	1973
19740080133	Interim solid rocket booster performance evaluation model: User's manual	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080134	Requirements and concepts for materials science and manufacturing in space payload equipment study. Volume 1: Executive summary	1973
19740080135	Requirements and concepts for materials science and manufacturing in space payload equipment study. Volume 2A: Experiment functional requirements	1973
19740080136	Requirements and concepts for materials science and manufacturing in space payload equipment study. Volume 2B: Equipment and instrument identification	1973
19740080137	Requirements and concepts for materials science and manufacturing in space equipment study. Volume 2C: Experiment/equipment review	1973
19740080138	Requirements and concepts for materials science and manufacturing in space equipment study. Volume 2D: Payload equipment	1973
19740080139	Requirements and concepts for materials science and manufacturing in space equipment study. Volume 2E: Operation analysis	1973
19740080140	Requirements and concepts for materials science and manufacturing in space payload equipment study. Volume 3: Programmatic	1973
19740080141	Josephson junction detector system for spectral studies from .3 millimeters to 1.5 millimeters wavelength	1973
19740080142	A model study of the SRB water entry including flexibility effects	1973
19740080143	Atlas/Centaur-34 Mariner Venus/Mercury 1973. Operations summary	1973
19740080144	Mission requirements document. Data requirements, appendix A. Part 1: ATM, corollary, medical experiments and systems. Skylab missions SL-1SL-2, SL-3, and SL-4	1973
19740080145	Wire antenna motion damper for IMP-J space craft	1973
19740080146	Atlas/Centaur-31 Intelsat 4 (F-7) field report	1973
19740080147	Aeroelastic addition for NASTRAN (subsonic flutter)	1973
19740080148	Alsthom thin fuel cell concept evaluation	1973
19740080152	Scintillation Advisory Panel Workshop report	1973
19740080154	A study of the costs and benefits of the application of composite materials to civil STOL aircraft	1973
19740080155	Space shuttle/payload interface analysis (study 2.4). Volume 3: New expendable vehicle with reusable solid rocket motors	1973
19740080156	Space shuttle/payload interface analysis (study 2.4). Volume 5: Payload community analysis	1973
19740080157	Saturn 1B launch vehicle test and checkout plan. Volume 2: Flow plan and listings	1973
19740080161	Effect of direct side-force generators on the aerodynamic characteristics of a swept-wing fighter model at transonic speeds (U)	1973
19740080166	Design and development of an astronaut breath analyzer	1973
19740080167	Venus wind altitude radar study, phase 2	1973
19740080168	Charge-Coupled Infrared Imaging Device (CCIRID) feasibility study	1973
19740080169	A study of the costs and benefits of the application of composite materials to civil STOL aircraft	1973
19740080170	Study of the impact of air traffic management systems on advanced aircraft and avionic systems	1973
19740080172	Shuttle expendable Agena compatibility study. Volume 1: Executive summary	1973
19740080173	Shuttle expendable Agena compatibility study. Volume 2, part 1: Technical discussion	1973
19740080174	Shuttle expendable Agena compatibility study. Volume 2, part 2: Technical appendixes	1973
19740080175	Shuttle expendable Agena compatibility study. Volume 3: Cost analysis	1973
19740080176	Centaur/Shuttle integration study. Volume 1: Executive summary	1973
19740080177	Centaur/Shuttle integration study. Volume 2: Technical	1973
19740080178	Centaur cost, technical, and programmatic data study. Volume 1: Management summary	1973
19740080179	Centaur cost, technical, and programmatic data study. Volume 2: Detail technical descriptions and costs	1973
19740080180	Centaur cost, technical, and programmatic data study. Appendix: WBS costs by contract	1973
19740080184	Separate surface stability augmentation simulation	1973
19740080185	Experimental evaluation of the sonic fatigue resistance of structure of a modified C-141 airplane structure	1973
19740080191	Space lab data management study	1973
19740080192	Test model of a thermally-actuated acoustic beacon for experimental feasibility and performance studies	1973
19740080193	Effects of periodic plume pulsing on the flow field generated by plume induced flow separation	1973
19740080194	Research in aeronomy	1973
19740080196	Extended definition feasibility study for a Solar Electric Propulsion Stage (SEPS) concept definition. Volume 1: Executive summary	1973
19740080197	Extended definition feasibility study for a Solar Electric Propulsion Stage (SEPS) concept definition. Volume 2: Concept and feasibility analysis. Part 1: Planetary missions	1973
19740080198	Space tug engine. RL10 derivative 2A and 2B: Pressure operated valves	1973
19740080199	Space tug engine. RL10 derivative 2A and 2B: Flight instrumentation	1973
19740080200	Space tug engine. RL10 derivative 2A and 2B: Turbopump assembly	1973
19740080201	Space tug engine. RL10 derivative 2A and 2B: Thrust chamber assembly	1973
19740080202	Space tug engine. RL10 derivative 2A and 2B: Extendible nozzle assembly	1973
19740080203	Space tug engine. RL10 derivative 2A and 2B: Oxygen heat exchanger	1973
19740080204	Space tug engine. RL10 derivative 2A and 2B: Torch igniter assembly	1973
19740080205	Space tug engine. RL10 derivative 2A and 2B: Plumbing and miscellaneous hardware	1973
19740080206	Space tug engine systems: RL10 derivative 2A and 2B	1973
19740080207	Design study of RL10 derivatives. Volume 1: Program summary	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080212	Design study of RL10 derivatives. Volume 4: Development plans and program costs plans and program costs	1973
19740080213	RL10 derivative IIA and IIB space tug engine sequenced valves	1973
19740080216	Meteoroid hazard analysis of the ASTP docking module	1973
19740080217	Analysis of the potential of Differential Very-Long Baseline-Interferometry, (DVLBI) for tracking Venus entry probes to infer wind speeds in the planet's lower atmosphere	1973
19740080220	Dynamic analysis of and synthesis of an attitude control system for a spacecraft to rendezvous with comets and asteroids. Volume 2: Dynamic analysis of CARD vehicles	1973
19740080221	Dynamic analysis of and synthesis of an attitude control system for a spacecraft to rendezvous with comets and asteroids. Volume 4: Docking dynamics of spacecraft with flexible appendages	1973
19740080222	Dynamic analysis of and synthesis of an attitude control system for a spacecraft to rendezvous with comets and asteroids. Volume 5: The synthesis of an optimal spacecraft attitude control system employing control moment gyros and quaternions	1973
19740080223	Flight report for delta vehicle S/N 20003, delta program mission no. 95, spacecraft: RAE-B	1973
19740080224	Detailed test objectives for the extended long tank delta launch vehicle spacecraft: Skynet 2B	1973
19740080225	Feasibility study of using satellites for a disaster warning system	1973
19740080227	Skylab consolidated instrumentation plan for SL-4	1973
19740080228	Space shuttle sortie payload launch site criteria study. Volume 2: Appendix	1973
19740080229	Space shuttle onboard command encoder design definition study	1973
19740080233	Higher order software requirements	1973
19740080234	Design of the GN and C flight software specification	1973
19740080236	Photoheliograph/backup ATM integration study	1973
19740080241	Selected NASA programs in liquid propulsion technology: An annotated bibliography	1973
19740080243	General perturbation techniques for satellite orbit prediction	1973
19740080244	The development and evaluation of lubricating systems for reusable space vehicles	1973
19740080245	Experiments/payloads cost study. Volume 1: Management summary	1973
19740080246	Experiments/payloads cost study. Volume 2: Historic cost data	1973
19740080247	Experiments/payloads cost study. Volume 3: Future payloads cost data	1973
19740080248	Experiments/payloads cost study. Volume 5: Time phased cost records-computer runs	1973
19740080250	Saturn Workshop Systems Handbook, revision A	1973
19740080251	A review of research on aeronautical fatigue in the United States, 1971 - 1973	1973
19740080284	Development and implementation of the algorithms for the PCB program	1973
19740080285	Space shuttle sortie payload launch site criteria study. Volume 1: Executive summary	1973
19740080291	Post-mortem metallurgical examination of a cylindrical thermionic converter	1973
19740080295	Dynamic analysis of and synthesis of an attitude control system for a spacecraft to rendezvous with comets and asteroids. Volume 1: Summary of work accomplished	1973
19740080305	Extended definition feasibility study for a Solar Electric Propulsion Stage (SEPS) concept definition. Volume 2: Concept and feasibility analysis. Part 2: SEPS design	1973
19740080306	Extended definition feasibility study for a Solar Electric Propulsion Stage (SEPS) concept definition. Volume 2: Concept and feasibility analysis. Part 3: Earth-orbital SEPS	1973
19740080364	Ku-band receiver development	1973
19740080365	Develop high intensity electron gun	1973
19740080369	Mathematical research on spline functions	1973
19740080379	Dynamic analysis of and synthesis of an attitude control system for a spacecraft to rendezvous with comets and asteroids. Volume 3: Attitude control via translating solar electric thruster array	1973
19740080386	Specification cost implementation study program	1973
19740080413	HEAO study contract	1973
19740080422	Low speed wind tunnel measurements for the lift, drag and pitching moment of a series of cropped delta wings	1973
19740080423	France: Nuclear, Missile, and Space Developments, no. 362	1973
19740080424	Japan: Nuclear, Missile, Space and Defense Developments, No. 176	1973
19740080429	Applications of mass spectrometry to thermal degradation studies of polymeric materials. Poly(fluoroethers)	1973
19740080431	Initiation of fatigue cracks in commercial aluminium alloys and the subsequent propagation of very short cracks	1973
19740080433	Kinetics of nitric oxide formation and decomposition	1973
19740080434	Japan: Nuclear, missile, space, and defense developments, no. 182	1973
19740080438	Program for establishing longtime flight service performance of composite materials in the center wing structure of C-130 aircraft. Phase 3: Fabrication. Phase 4: Ground/flight acceptance tests	1973
19740080443	Study of the effects of condensation on the performance of Pioneer Venus probe windows	1973
19740080445	Lightweight vacuum jacket for cryogenic insulation	1973
19740080446	Japan: Nuclear, missile, space, and defense developments, no. 184	1973
19740080447	Lamination residual stresses in fiber composites	1973
19740080448	Dynamics of unsteady cavitating cascades	1973
19740080449	High resolution infrared radiation sounder for the Nimbus F spacecraft	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080450	Nondestructive evaluation of regenerative chamber	1973
19740080451	Solar coronal holes as sources of recurrent geomagnetic disturbances	1973
19740080456	Solid state radar seeker	1973
19740080457	A 10 digit parallel size 8 optical encoder	1973
19740080459	Preliminary investigation for developing optimum fasteners for joining composite materials	1973
19740080462	Design of a staggered-PRF MTI filter	1973
19740080464	Development of fuel hazard criteria in RF fields above 32 MHz	1973
19740080465	Radiation hazard measurements at MCAS, Cherry Point, North Carolina	1973
19740080477	Altitude performance of four united technology center Titan 2 translation motors having ages from 107 to 115 months	1973
19740080480	Unsteady state heating of a finite disc by continuous and repetitively pulsed laser radiation	1973
19740080482	VHF/FM communications antenna redesign and relocation for UH-1H aircraft	1973
19740080483	First article tests of two, type MS90365-2, nickel-cadmium aircraft batteries, manufactured by Eagle-Picher Industries, Incorporated, under contract N00019-72-C-0081	1973
19740080484	Sampling tests of 80, type MS90321-84W, nickel-cadmium cells, manufactured by Gulton Battery Corporation, under contract N00383-72-C-1543	1973
19740080485	Qualification tests of one, type MS18045-75, nickel-cadmium battery, manufactured by Gulton Battery Corporation	1973
19740080486	Design verification of the AMF, incorporated, underfrequency protector, PIN CSV 1790-1	1973
19740080487	Solar Collector Thermal Power System (SCTPS)	1973
19740080488	An investigation of the effects of various protuberances on the inlet performance and fuselage pressure distribution of the 1/6-scale F-111A aircraft at subsonic and transonic Mach numbers	1973
19740080490	Production quality assurance testing of a Minuteman 3 LGM-30G stage 2 rocket motor at simulated pressure altitude motor S/N PQA-6-59	1973
19740080498	Design study of automatic pendant support system for use with aircraft arresting gear	1973
19740080502	A-4M airplane compatibility with French aircraft carriers	1973
19740080504	The effects of surface active contaminants on full flow fuel quality monitor performance	1973
19740080507	Individual motor report M55A1 minuteman operational quality assurance rocket motor QA-1203, 0013774	1973
19740080508	Fluidic systems power source study	1973
19740080509	Cobra day/night experiment	1973
19740080511	Low-angle tracking investigation	1973
19740080513	Ionization detector system	1973
19740080514	Exploit the use of low-level radioactive welding wire for in-process monitoring of defects	1973
19740080515	The transfer of rocket propellant technology to gun propellant applications	1973
19740080520	Polarimeter data acquisition system	1973
19740080521	LADSETS program plan, CY 1973	1973
19740080522	Evaluation of new high cycle shorebased aircraft recovery systems formulated by mathematical model computer simulation	1973
19740080523	Cathode driven, high gain, crossed field amplifier	1973
19740080524	Active nosetip evaluation study and development test plan including environmental test plan	1973
19740080525	ARPA-NRL infrared integrated optics program	1973
19740080526	Conceptual design of advanced composite airframes	1973
19740080527	Service evaluation of aircraft battery charger, Electro Development Corporation model EDC 2-301-3	1973
19740080528	Time critical hybrid simulation for missile systems with hardware-in-the-loop operation	1973
19740080530	Ground screen evaluation	1973
19740080531	Aerodynamic characteristics of the B-1 fuselage afterbody including simulated jet exhaust effects at Mach numbers from 0.55 to 2.20	1973
19740080532	Production quality assurance testing of a Thiokol Minuteman LGM-30G stage 3 rocket motor at simulated pressure altitude, motor PQA-102	1973
19740080536	Sound ranging radio data link system AN/GRA-114 (XE-1, XE-2), volume 2	1973
19740080538	Engineering evaluation of AMF electrosystems Division P/N MGH 432-1, 750 VA, 3/1 phase, brushless, rotary inverter	1973
19740080541	Countermeasures research	1973
19740080542	Materials evaluation for a glass reinforced plastic antenna mast	1973
19740080546	Active flutter suppression systems for military aircraft. A feasibility study	1973
19740080547	Evaluation and calibration of AIMS equipment in the SH-3 helicopter	1973
19740080551	Tests of the helicopter fire control subsystem, XM-127 laser rangefinder/target designator AN/AAG-7 against high performance aircraft, June 1972 - January 1973	1973
19740080553	Propagation analysis of high-frequency (HF) communications system at Fort Hood	1973
19740080557	An analysis of the aerodynamic performance characteristics of a close-coupled canard equipped 1/15th-scale F-4 aircraft at transonic speeds	1973
19740080558	Contribution to industrial and pedagogic tribometry	1973
19740080559	Aging and surveillance testing of a Minuteman LGM-30B stage 2 rocket motor at simulated pressure altitude (motor S/N 0022068)	1973
19740080560	Acoustic digital memory program	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080561	Space laser design	1973
19740080562	Performance evaluation of CH-46 helicopter systems with the T58-10, T58-16, and growth T58 engines	1973
19740080563	Qualification test of EMP Electronics Incorporated 150VA autotransformer	1973
19740080567	Status Report, 1 July 1972 - 31 January 1973	1973
19740080568	A radiosonde data reduction program for the wang 700C desk calculator	1973
19740080569	Preliminary design study for an explosive product laser	1973
19740080570	Transmission properties of dielectric coated slot arrays	1973
19740080573	Measurement of missile thermal response during captive flight at high altitudes. Part 1: Program summary and results	1973
19740080574	Measurement of missile thermal response during captive flight at high altitudes. Part 2: Detailed description of equipment and results	1973
19740080578	Semiannual single-element funding status report, missile technology. Volume 7: Ground support equipment	1973
19740080582	Countermeasures set AN/ALQ-129	1973
19740080585	Technical evaluation of AN/ASQ-81(V)-2 detecting set	1973
19740080586	Production engineering measure of solid-state microwave acoustic delay lines	1973
19740080595	Computer algorithms for the accurate calculation of the positions of the sun and moon	1973
19740080597	Annual reports on DCVD development projects	1973
19740080598	C/X-band 1W travelling wave tube	1973
19740080599	C/X-band 100W travelling wave tube	1973
19740080619	Microwave facility for simultaneous measurement of velocity variations of shock wave and the time of unseparated flow in a 10 cm shock tube	1973
19740080620	Electronics Systems Planning (ESP), volume 1	1973
19740080622	High temperature, nonmetallic superconductors	1973
19740080623	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors	1973
19740080626	Production engineering measure for hybrid integrated circuits for fuze applications. Part 1: Integrated arming and firing circuit. Part 2: Precision oscillator integrated circuit	1973
19740080632	The application of information transfer techniques for solving the internal requirements of a Night Ax aircraft, volume 2	1973
19740080633	Design study for a new generation microdensitometer	1973
19740080634	Scanning electron microscope examination of metallization defects	1973
19740080635	Qualification of vapor model 27041099 solid state dc voltage regulator	1973
19740080636	P-3C hardware/software improvement (final report on evaluation of memory reduction modification to the AN/APN-187 Doppler velocity altimeter radar set)	1973
19740080637	Advanced fluidic stable platform, phase 3, critical component development	1973
19740080639	Aircrew body armor	1973
19740080641	Production engineering measure for hybrid integrated circuits for fuze applications. Part 1: Integrated arming and firing circuit. Part 2: Precision oscillator integrated circuit	1973
19740080642	A piloted power approach simulation. Volume 2: Appendices	1973
19740080643	Vibration response of ballistic re-entry vehicles, volume 1	1973
19740080644	Evaluation of a computer-aided planning and technology assessment process, volume 1	1973
19740080645	Dispersion-strengthened metal structural development, part 2	1973
19740080649	Category 2 evaluation of the F-111D propulsion subsystem	1973
19740080655	Mass employment of the Low-Altitude Parachute Extraction System (LAPES)	1973
19740080657	Patrol frigate radio communication antenna system	1973
19740080659	Individual motor report M55A1 minuteman operational quality assurance rocket motor QA-1206, 0013837	1973
19740080661	Production engineering measure for S-band 10-20 watt transistor	1973
19740080664	Reliable Advanced Solid-State Radar (RASSR)	1973
19740080666	Surface acoustic wave spread spectrum modem	1973
19740080667	Evaluation of high-rate charging of DSRV batteries	1973
19740080670	AN/SSQ-58 (XN-1) IUW remote sensor buoy quick fix modifications	1973
19740080676	Evaluation of lead-acid storage battery vent plugs to proposed revision of Mil-V-8800	1973
19740080677	Integrated pilot assist system	1973
19740080679	Radiation test program	1973
19740080680	InAs photodiode mosaic	1973
19740080681	Laser cutting manufacturing methods	1973
19740080686	User's manual CIRCUS 2: Circuit analysis program	1973
19740080687	Reliability testing of radar set AN/PPS-18(XN-1)	1973
19740080688	Design and development of a lateral axis integrated actuator package for tactical fighter aircraft	1973
19740080689	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors	1973
19740080690	Development of ultrafine ammonium perchlorate technology	1973
19740080691	Feasibility investigation of a Laminar Angular Rate Sensor (LARS)	1973
19740080692	Production engineering measure for improved reliability of mica transmitter capacitors	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080693	Production engineering measure for high voltage aluminum high-reliability electrolytic capacitors	1973
19740080694	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1973
19740080695	S-band solid-state power amplifiers	1973
19740080696	Graphite fiber and boron nitride fiber filled plotting compounds	1973
19740080697	The effects of transient thermoclines on the output of a shallow sound source	1973
19740080699	Air Force evaluation of the fly-by-wire portion of the survivable flight control system advanced development program	1973
19740080700	Quasi-omnidirectional patterns with a circular array of antennas	1973
19740080701	Extended coverage array techniques	1973
19740080702	SAM-D system analysis using CADET	1973
19740080703	Electrically excited gas dynamic CO laser study	1973
19740080704	Chronicle of ultra reliable radar development program	1973
19740080705	An analysis of methods for extracting aerodynamic coefficients from test data	1973
19740080706	Effects of an underwater hull on the hydrodynamic characteristics of a series of control surfaces	1973
19740080707	Environmental test program for sonobuoys	1973
19740080708	Improved aircraft generator bearing lubricant system	1973
19740080709	Independent research and independent exploratory development	1973
19740080710	Preliminary investigation of a heads up display for the approach and landing phase for V/STOL aircraft utilizing a fixed base simulation	1973
19740080711	Thermal processing of lead sulfide in vacuum and inert gas atmospheres	1973
19740080712	Design and wind tunnel testing of a deployable/retractable rigid wing semispan	1973
19740080713	Evaluation of the F-111 stall inhibitor system landing configuration warning system/adverse yaw compensation modifications	1973
19740080714	Tropospheric refraction corrections for airborne systems	1973
19740080715	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors	1973
19740080716	Low temperature operation of electrochemical systems (air breathing)	1973
19740080717	Small angle scatter measurements at 3.39 microns. LALOS technology development program	1973
19740080718	Estimating aircraft acquisition costs by parametric methods	1973
19740080719	Geometric considerations of 3-plane, 125 deg-inclination, 8 and 12 hour circular satellite orbits	1973
19740080720	Tungsten equation of state and wave propagation characteristics	1973
19740080721	Nozzle design considerations for attenuation of axial instabilities in the Minuteman 2 and 3, stage 3, rocket motors	1973
19740080722	Transistorized RF power amplifier and driver for receiver transmitter, RT-524 ()/VRC	1973
19740080723	SAM-D engineering development status. Volume 1: Narrative summary	1973
19740080727	C-5A Category 1 engineering flight test guidance subsystem test results. Volume 4, Addendum 1: Stationkeeping equipment	1973
19740080728	A method of characteristics code for energy deposition calculations including strength effects	1973
19740080729	Materials and approaches for improved stress corrosion inhibitive coatings	1973
19740080730	Attack helicopter: Daylight defense (USACDEC experiment 43.6). Volume 2: Data Package, supplement 1	1973
19740080731	An analog computer simulation of a guided projectile control system	1973
19740080732	Experimental studies concerning discharge wire explosion in various media	1973
19740080733	Test and evaluation of the Pavelle RT 16P color print processor, Pavelle 3 solution color chemistry, and Pavelle color print	1973
19740080734	Electrona Dural batteries, technical data	1973
19740080735	NOVA - a digital computer program for calculating the response of aircraft to the overpressure from a nuclear explosion. Volume 1: Theory and program description and program description	1973
19740080736	Tank laser range finder	1973
19740080737	Initial production test of simulator test set AN/APM-245A	1973
19740080738	Electron beam studies of high-altitude plume containment by inert-gas shrouds	1973
19740080739	Plume interference assessment and mitigation	1973
19740080740	Fabricated turbine blades with thermal fatigue resistant edges	1973
19740080741	Aeronautical systems technology needs, test facilities and test equipment	1973
19740080742	Analysis of 5P4E polyphenyl ether lubricants	1973
19740080743	Improved thermally protective materials for air force flight jackets	1973
19740080744	The tasks of theoretical geodesy	1973
19740080745	SATS site preparation and maintenance planning report	1973
19740080746	A production engineering measure for two L-band solid-state microwave frequency sources	1973
19740080747	Short term effects of simulated plume environment on SAM-D trailer structural components	1973
19740080748	A simple power meter for the Army tri-service laser	1973
19740080749	Software definition for an airborne, stabilized platform, target designator system	1973
19740080750	MISRAD: A computer program to simulate radar detection of ballistic missiles	1973
19740080751	Covariance analysis of satellite tracking for the defense navigation satellite development program inverted Y deployment	1973
19740080752	Electrically conductive coating materials	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080754	All semiconductor distributed aerospace processor/memory study. Volume 3: A distributed processor/memory system, conclusions and recommended approach	1973
19740080755	Analytical models for DC-10 aircraft. Volume 3. TRAP example problems	1973
19740080756	DOD Space Transportation System (STS) payload interface study. Payload interface requirements study	1973
19740080757	Small turbine engine analysis program high-pressure compressor. Volume 1: Design	1973
19740080758	Small turbine engine analysis program high-pressure compressor. Volume 2: Fabrication and test	1973
19740080759	Advanced composite technology fuselage program. Volume 1: Material and test technique development	1973
19740080760	Titan vehicle electrostatic environment	1973
19740080761	S-3 transmitter heat sink qualification test report	1973
19740080762	Diesel engine combustion and emissions: TACOM research engine	1973
19740080763	Feasibility of dry film lubrication for the M125A1 booster	1973
19740080764	Experimental programmable modem	1973
19740080765	AGFA contour film	1973
19740080766	GASSP: The generalized anti-satellite survivability simulation program	1973
19740080767	Calculation of radar cross section aircraft geometry methods	1973
19740080768	Measures of aircraft effectiveness	1973
19740080769	Miniature inertial rate sensor evaluation	1973
19740080770	Effect of gaseous impurities on 10Ni-8Co-2Cr-1M lco steel weld metal	1973
19740080771	The thermal response of PBI and NOMEX 2 fabrics exposed to a JP-4 fuel fire	1973
19740080772	Production engineering measure for high current fast-switching transistors	1973
19740080773	OPTIR 3A	1973
19740080774	Individual motor report M55A1 Minuteman operational quality assurance rocket motor QA-1301, 0013884	1973
19740080775	Preliminary water management study for ball powder and rocket manufacturing areas Badger Army Ammunition Plant	1973
19740080776	Subsonic diffuser designs for interceptor applications, volume 1	1973
19740080777	Dispersion-strengthened metal structural development, part 3	1973
19740080778	A cost-by-function model for inertial navigation systems. Volume 1: Development and validation of the model	1973
19740080779	Annual single element funding status report, missile technology. Volume 3: Inertial guidance and control	1973
19740080780	Aircraft force projection model. Volume 2: Programmers guide	1973
19740080788	FIXWEX BRAVO 73 ASW evaluation exercise P-3C navigation system assessment report (U)	1973
19740080793	Effect of nuclear shape on the electronic orbitals of superheavy elements	1973
19740080800	Program to determine the parameter influence coefficients for ballistic trajectories	1973
19740080802	Effects of prior creep strain on residual mechanical properties of 20 percent cold worked type 316 stainless steel (RM30)	1973
19740080808	Vega project second-stage propulsion	1973
19740080811	Multidisciplinary research leading to utilization of extraterrestrial resources	1973
19740080812	GEOP (Geodesy/Solid-Earth and Ocean Physics): Research conferences	1973
19740080813	Quantitative spectroscopy of planetary atmospheres	1973
19740080814	Theoretical and experimental studies of atmospheric structure and dynamics using high altitude chemical release, radiometeor and meteorological rocket network and other data	1973
19740080815	Quarterly Report, April - June 1973	1973
19740080816	Investigation of ionosphere and airglow response to cusp electrons	1973
19740080817	Research and advance development	1973
19740080818	Space cell test program	1973
19740080819	Test evaluation of overwrapped pressure vessels	1973
19740080820	Test evaluation of overwrapped pressure vessels	1973
19740080821	Integrated thruster assembly investigation	1973
19740080822	Advanced techniques for determining long-term compatibility of materials with propellants	1973
19740080823	Advanced techniques for determining long-term compatibility of materials with propellants	1973
19740080824	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation system	1973
19740080825	Wall mounted heat exchanger characterization	1973
19740080826	Skylab short-lived event alert program	1973
19740080827	Technical consulting services for earth resources program	1973
19740080828	Quarterly letter report, 1 April - 30 June 1973	1973
19740080829	Dynamics of unsteady cavitating cascades	1973
19740080830	Monopropellant engine investigation for space shuttle reaction control system	1973
19740080831	Semiannual status report, 1 November 1972 - 1 May 1973	1973
19740080832	Exobiology and the origin of life	1973
19740080833	Experimental investigation of combustor effect on rocket thrust chamber performance	1973
19740080834	Studies in planetology, including the collection and interpretation of planetary information	1973
19740080835	Thermal performance of multilayer insulation	1973
19740080836	Saturn S-4B stage quarterly weight and balance status report: Model no. DSV-4B	1973
19740080837	Extended temperature range ACPS thruster investigation	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080839	Small, high speed seal technology	1973
19740080840	Interaction of the solar wind with the moon and planets	1973
19740080841	Intercomparison of ground-based and space solar flux measurements	1973
19740080845	Fundamental study of full-coverage film cooling	1973
19740080846	Lightweight thermally efficient composite feedlines	1973
19740080849	Hydrazine gas generator program	1973
19740080850	Composite tanks with load sharing liners	1973
19740080859	Results of high heating and shear tests on slip cast fused silica in a liquid rocket motor	1973
19740080861	UNTS airborne trainer model specification aircraft, navigator trainer, T-43A part 1	1973
19740080863	Exploratory development on Hg(1-x)Cd(x)Te	1973
19740080866	Low-cost microwave radio set	1973
19740080867	Collision and Obstacle/Terrain Avoidance Warning System (COTAWS) multifunction sensor study, supplement no. 2	1973
19740080868	Aircraft environmental models	1973
19740080869	Research on photoelectronic imaging devices	1973
19740080870	Production engineering measure for improved reliability of mica transmitter capacitors	1973
19740080871	Preliminary design of a highly maneuverable RPV (dogfight target) phase 1 study	1973
19740080872	The geometrical rugosity of asphalt pavements	1973
19740080873	Field test and inspection procedures required to qualify for certification or recertification of E-28 aircraft recovery systems	1973
19740080874	Integrated-circuit process control and development	1973
19740080875	Design and fabrication of an RPV wing panel with PRD-49/epoxy skins	1973
19740080877	PQM-102 target system configuration definition study	1973
19740080878	Analysis of the EMC effects of selected terrestrial facilities on the Korean earth terminal of the defense satellite communications system	1973
19740080879	Rocket exhaust aluminum oxide particle properties	1973
19740080880	On the orbit computation of geostationary satellites	1973
19740080881	Technical evaluation of ECP 9 modification kit to radar test set AN/UPM-137	1973
19740080882	Tactical line printer	1973
19740080883	Computer program for the prediction of aircraft response to runway roughness. Volume 1. Program development	1973
19740080884	Stress wave experiments on quartz phenolic composite materials	1973
19740080885	BQM-34A/integrated target control system integration and flight demonstration program	1973
19740080886	Position location reporting system	1973
19740080891	Aerodynamic characteristics of a 1/3 scale air-slewed missile at Mach numbers from 0.4 to 4.3 (U)	1973
19740080892	Qualification test of the Thiokol AGM-69A solid-propellant rocket motor for the Short-Range Attack Missile (SRAM) at a simulated altitude of 70000 feet (U)	1973
19740080893	Aerodynamic characteristics of the AFFDL advanced tactical vehicle at Mach numbers from 0.5 to 1.3 (U)	1973
19740080895	Simulated hit probabilities and effectiveness data for a heliborne TOW missile (U)	1973
19740080896	Department of the Army five year test program FY 74-78 (includes FY 79-80 for programing) (U)	1973
19740080899	Analysis of a slant-range optical proximity sensor (U)	1973
19740080906	Alerting long-range airborne radar for MTI alarm (U)	1973
19740080910	Proposed ten-year plan for aerial target development and utilization. Volume 15: Summary of ten-year plan (U)	1973
19740080911	FIXWEX BRAVO 73 ASW evaluation exercise weapon deployment report (U)	1973
19740080912	Service life listing and surveillance status of propulsion devices and auxiliary power systems, revision 1, change 3 (U)	1973
19740080913	An analysis of a guidance concept for the surface Launched-Air Targeted Cruise Missile (SLATCM) (U)	1973
19740080914	AH-1G (Huey Cobra) helicopter fixed sight aiming characteristics (U)	1973
19740080916	Ferrite RAM (U)	1973
19740080917	Sea test demonstration of ITNS/ISCS-I aboard the USS Guam (U)	1973
19740080921	Passive microwave study (U)	1973
19740080922	Conduct an operational evaluation of the extended Range Walleye (U)	1973
19740080923	Red Sparrow program (U)	1973
19740080928	Jeff force level study (U)	1973
19740080929	IR thermal camouflage coatings (U)	1973
19740080930	DPISA integrally armored servo survivability testing (U)	1973
19740080931	AIMS mode 4/Mark 12 compatibility test guide, revised edition (U)	1973
19740080933	Integrated Observation System (IOS) AN/GSQ-184 (U)	1973
19740080938	Photovoltaic PbSnTe array (U)	1973
19740080939	Microwave steerable antenna array (U)	1973
19740080941	A cost by function model for inertial navigation subsystems. Volume 2: Price prediction for the AN/ASW-92 (U)	1973
19740080946	Dual mode seeker (U)	1973
19740080948	Microwave radiometric terminal guidance (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080949	Photovoltaic lead-tin-telluride detector array (U)	1973
19740080951	Operational test and evaluation of the F-111D/Mk 2. Phase 1D: Supersonic radar level bombing (U)	1973
19740080953	Flight test of the BLU-62/B bomb (Pave Storm 1 delivery vehicle) (U)	1973
19740080954	Operational test and evaluation of the F-111D/MK 2, phase 1E: Ground attack (U)	1973
19740080956	Flight test of the unguided SUU-51B/b dispenser (phase 2) (U)	1973
19740080957	Aeronautical systems technology needs: Escape, rescue, and survival (U)	1973
19740080959	Advanced development of the target activated sensor (U)	1973
19740080962	High quantum efficiency 1.06 micron image tube (U)	1973
19740080964	Projectile tracking radar system design analysis. Volume 1: Introduction and summary (U)	1973
19740080965	High lumen source (U)	1973
19740080968	Terminal homing weapon systems (U)	1973
19740080971	Conformal carriage flight test program. Part 1: Performance (U)	1973
19740080972	Digital parallel processing array (DIPPA) techniques applied to direction finding and RF surveillance (U)	1973
19740080974	Laser line scan techniques (U)	1973
19740080981	Potential performance estimates for a laser guided 155mm cannon launched guided projectile (U)	1973
19740080991	Combat Sage I PACAF weapon system evaluation program (U)	1973
19740081002	Meteorological environment in the Soviet Union (U)	1973
19740081003	Aerodynamic force test on the SAMSO/MDAC ACE biconic configuration at Mach number 16 (U)	1973
19740081021	Combat Sage: PACAF weapon system evaluation program (U)	1973
19740081022	Communications Time-Of-Arrival (TOA) techniques (U)	1973
19740081024	Performance evaluation of the Hi-Star sensor using a new integrating sphere target source (U)	1973
19740081026	Electro-optical detection of the reflected sunlight from synchronous satellites (Experimental results) (U)	1973
19740081035	Advanced radio-location research studies (U)	1973
19740081038	Dual mode seeker. Appendix (U)	1973
19740081049	Task 3 air-to-air data link (U)	1973
19740081062	Visual aerosol applications study (U)	1973
19740081064	Application and evaluation of Radar Cross Section (RCS) reduction materials, components, and techniques (U)	1973
19740081065	Optimization of film-convection-cooled IR suppressors (U)	1973
19740081067	FIXWEX delta-73 (U)	1973
19740081069	Modular guided glide bomb and distance-measuring equipment feasibility study (U)	1973
19740081080	Free radical HTPB polymer improvement	1973
19740081083	SMAWT composite motor cases	1973
19740081088	Solid fuel ramjet development and application	1973
19740081090	Dump combustor scaling and ablation investigation	1973
19740081092	Low cost attitude control propulsion	1973
19740081093	The thermal decomposition of monomethylhydrazine	1973
19740081094	Interorbital transfer vehicle performance optimization	1973
19740081097	High force-low flame temperature, nitramine filled propellants	1973
19740081098	Gun tube temperatures and additives	1973
19740081099	Ignition studies for new caseless propellants	1973
19740081100	Navy gun interior ballistics modeling efforts: An overview	1973
19740081101	Pressure gradients in high velocity guns	1973
19740081102	Interior ballistics of perforated gun tubes	1973
19740081103	Aluminum cartridge case program	1973
19740081104	The Aluminum burnthrough problem: Potential solutions	1973
19740081105	Aluminum cartridge-case feasibility study	1973
19740081106	Improved zinc plating on the interior of 5-inch, 38-caliber cartridge case Mark 10 Mod 1	1973
19740081107	A 5-inch, 38-caliber rocket assisted projectile	1973
19740081111	Precise impulse propulsion	1973
19740081113	A fast computer program for nonequilibrium rocket plume predictions	1973
19740081114	Analysis of missile base flow with afterburning	1973
19740081115	A simple method for calculating expansion of a rocket engine nozzle boundary layer into a vacuum	1973
19740081116	Molecular flux measurements in the back flow region of a nozzle plume	1973
19740081117	Condensation of N2 in a hypersonic flow field	1973
19740081118	Measurement and prediction of a sea-level plume	1973
19740081119	Analysis and correlation of high altitude rocket exhaust plume experimental data	1973
19740081120	A solution for mixing reaction flow fields with lateral pressure gradients by error minimization	1973
19740081121	Low/mid altitude two-phase plume computational technique including turbulent mixing and nonequilibrium chemistry	1973
19740081122	Evaluation of modeling and simulation of viscous effects in high-altitude plumes	1973
19740081123	Radiation and gasdynamic measurements of solid propellant rocket plumes at simulated high altitude	1973
19740081124	Nonequilibrium infrared emission from amine fueled engines exhausting to vacuum	1973
19740081125	The transmission of 4.3 micron plume emission over long atmospheric paths	1973
19740081126	Saturn V exhaust plume conductivity	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081127	The measured electrical response of a missile with conductive exhaust plume	1973
19740081128	EMP induced currents on missiles with simulated plumes	1973
19740081130	Chamber non-equilibrium and smoke predictions for a liquid monopropellant rocket motor	1973
19740081131	The modelling of chemically reacting turbulent plumes	1973
19740081133	Comparison of rocket exhaust plume microwave attenuation prediction models	1973
19740081135	Exhaust plume RF attenuation predictions and data for shallow aspect angles	1973
19740081136	Summary of recent turbulent mixing measurements and analysis	1973
19740081137	Plume radiation enhancement program. Part 1: Test description	1973
19740081138	Infrared radiances from typical rocket exhaust gas/active ambient species interactions	1973
19740081140	Plume induced separation from a single nozzle exhaust at transonic flight speed	1973
19740081141	Simulation of space shuttle main propulsion system exhaust plumes at ascent trajectory test points	1973
19740081142	Prediction of Minuteman exhaust plume electrical properties	1973
19740081143	Infrared reflectance of cryodeposits on superpolished mirrors	1973
19740081144	Effect of contamination on the optical properties of transmitting and reflecting materials exposed to a MMH/N2O rocket exhaust	1973
19740081145	Effect of Thruster pulse length on thruster exhaust damage of S13G white thermal control coatings	1973
19740081146	Hydrazine rocket engine plume deposits measured with quartz crystal microblades	1973
19740081147	Exhaust plume and contamination characteristics of a bipropellant (MMH/N2O4) RCS thruster	1973
19740081148	The Skylab contamination assessment program and the Skylab contamination ground test program	1973
19740081149	Skylab contamination ground test program preliminary results	1973
19740081150	A study of computer output microfilm equipment and technology	1973
19740081151	Payload carrier simulator man/systems program integration, phase B	1973
19740081155	Laser-energy Conversion Symposium	1973
19740081156	Overview of NASA high intensity laser program	1973
19740081157	Photovoltaic conversion of laser energy	1973
19740081158	Frequency conversion with non-linear optical techniques	1973
19740081159	Ceramic materials and devices for high power laser energy conversion	1973
19740081160	The p-Ga(1-x)Al(x)As-p-GaAs structures for laser energy conversion	1973
19740081161	The photon engine	1973
19740081162	Laser engine operating by resonance absorption	1973
19740081163	Thermionic, Plasma, and photoemission energy conversion	1973
19740081164	Extension of microwave frequency measuring methods into the optical region	1973
19740081165	Optical diodes	1973
19740081166	Electromagnetic wave energy conversion	1973
19740081167	Status of microwave power transmission	1973
19740081168	The program in efficient free-space power transmission at MSFC	1973
19740081169	Greenhouse effect devices	1973
19740081170	Thermal conversion of solar energy for electrical power production	1973
19740081171	Lunar studies	1973
19740081172	Technical consulting services for earth resources program	1973
19740081173	Radiation measurements from polar and geosynchronous satellites	1973
19740081174	Progress report, 15 May - 15 July 1973	1973
19740081175	Lunar motion analysis and laser data management	1973
19740081176	A research in support of NASA'S space science	1973
19740081177	Assembly of a mosaic grating	1973
19740081178	Experimental studies of body mounted gyroscope design techniques	1973
19740081179	Biomedical investigation of peripheral blood flow as a thermoregulatory function	1973
19740081180	Small, high pressure hydrogen turbopump	1973
19740081181	Lightweight vacuum jacket for cryogenic insulation	1973
19740081182	Dissociative recombination coefficients and ion-molecule reaction rates for planetary ionospheric ions	1973
19740081183	A multi-satellite study of the nature of wavelike structures in the magnetospheric plasma	1973
19740081184	Nondestructive evaluation of regenerative chambers	1973
19740081186	KSC scientific and technical data records management handbook	1973
19740081189	Production engineering measure for moderate power laser arrays	1973
19740081193	Semiannual single-element funding status report missile technology. Volume 1: Systems concepts and analysis	1973
19740081194	Semiannual single element funding status report missile technology. Volume 2: Experimental systems	1973
19740081195	Single-element funding missile technology. Volume 3: Inertial guidance and control	1973
19740081196	Semiannual single element funding status report missile technology. Volume 5: Aeroballistics	1973
19740081202	Initial production test of mobile power units, PV-625/G and PV-628/G	1973
19740081203	Production engineering measure for improvement of techniques to increase the reliability ceramic isolation capacitors for integrated circuits	1973
19740081204	ILS localizer performance prediction of an Alford 1B array near a limited access road at the NEW Orleans airport	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081205	Development test and evaluation of air base communication equipment AN/prc-100 and AN/PRC-109 family of radio sets	1973
19740081206	AN/ALQ-119 fit check	1973
19740081207	The 1972 West German aerodynamics papers on boundary layers	1973
19740081208	Production engineering measure for subminiature, low voltage ceramic dielectric capacitors	1973
19740081209	System cost reliability analysis of the multiple sensor display group and digital scan converter	1973
19740081210	Design verification of the AMF Electrosystems Division 750 VA rotary inverter, P/N MGH-182-100A	1973
19740081211	Production engineering measure for hybrid integrated circuits, for fuze applications. Part 1: Integrated arming and firing circuits. Part 2: Precision oscillator integrated circuit	1973
19740081212	High dynamic range wideband FM recorder/readout system	1973
19740081213	High rate - low temperature alkaline primary cell	1973
19740081215	Advanced fighter concepts incorporating high acceleration cockpits. Volume 4. Pilot performance analyses	1973
19740081216	Advanced fighter concepts incorporating high acceleration cockpits. Volume 5. Crew station concepts	1973
19740081217	DOD Space Transportation System (STS) payload interface study, volume 2	1973
19740081218	Advanced composite technology fuselage program. Volume 5. F-5 mid-fuselage component manufacturing	1973
19740081220	Research investigations related to chemical lasers, tasks 7A and 8B	1973
19740081221	Development of improved reentry vehicle nosetip graphites from commercial raw materials	1973
19740081222	Clutter plans and analysis	1973
19740081223	Technology and requirements investigations for advanced tactical warfare systems	1973
19740081224	Construction and calibration of a molecular beam mass spectrometer system for investigation of the atmosphere of thermionic energy converter	1973
19740081225	Research and development on technologies for welding HY-180 steel	1973
19740081226	Development of self-destruct unit for XM53 munition	1973
19740081228	C-130 life history recording program, 1970 - 1972	1973
19740081229	AN/WSC-3 UHF SATCOM radio: Technical evaluation	1973
19740081230	Category 2 test reports (USMC test). Tactical Information Processing and Interpretation (TIPI) system (WS-428A) 2 system, volume 2	1973
19740081231	Engineer design test of water-activated storage battery	1973
19740081232	Engineering evaluation of the General Electric 200 ampere regulated converter P/N 3S2060DW/07A1	1973
19740081233	Navy feasibility testing of the programmable AN/TPX-42A DAIR system	1973
19740081234	HF antenna system design for patrol hydrofoil (MISSILE) (PHM)	1973
19740081235	Nondestructive testing of graphite for the REVMAT program	1973
19740081236	The effect of stress ratio on the high-cycle fatigue resistance of HY-130 steel weldments	1973
19740081237	Infrasonic and low-frequency ambient-noise measurements off Newfoundland	1973
19740081238	T-burner motor verification program	1973
19740081239	Suspension of penetration aids by kite (SEPAK 2)	1973
19740081240	Position location reporting system	1973
19740081241	Position location reporting system, addendum	1973
19740081242	Blue-green lasing dyes. Part 1: Selection of class of dyes	1973
19740081243	Understanding and optimizing multiple side lobe canceler operation	1973
19740081244	Broadband, miniature, active type, HF, receiving antenna system	1973
19740081245	Analysis of main landing gear failure of an A6 aircraft	1973
19740081246	H-2 aircraft transverse test, with the REST system, aboard the USS MARIN SHIELDS, DE-1066	1973
19740081247	Category 2 evaluation of the C-5A landing gear subsystem. Addendum: Hydraulic kneeling	1973
19740081248	Surveillance of under seat rocket motor Mark 72 Mod 0	1973
19740081249	Plasma diagnostics	1973
19740081250	Design data for AS-3DX quartz/silica composite material	1973
19740081251	The effect of emissions control regulations upon internal combustion engine maintenance	1973
19740081252	Simplified transmission line models for use with computer aided circuit/system analysis programs	1973
19740081253	The teleseismic radiation field from explosions: Dependence of seismic amplitudes upon properties of materials in the source region	1973
19740081262	Fatigue tests on plain specimens of titanium 6A1-4V under variable amplitude loading	1973
19740081265	Wall mounted heat exchanger characterization	1973
19740081266	Reaction between water vapour and freshly exposed aluminum surfaces	1973
19740081269	Unified network planning study	1973
19740081270	Behavior of nozzles and acoustic liners in three-dimensional acoustic fields	1973
19740081271	Experimental study of flow about a stalled two-dimensional airfoil	1973
19740081272	Composite tanks with load sharing liners	1973
19740081276	AC-33 data evaluation guide	1973
19740081278	Detection of minor atmospheric constituents by means of the solar infrared spectrum	1973
19740081279	Setup and calibration of Daedalus dual detector IR scanner system	1973
19740081280	Laboratory procedure for climet wind speed/direction transducer, translator, and calibrator instruments	1973
19740081283	Ground truth collection and analysis plan for SL-2 mission	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081298	Impedance Mismatch High-Stress Transducer (IMHST)	1973
19740081300	Evaluation of air defense effectiveness (EVADE 2) digital simulation for aircraft survivability. Volume 1: User manual	1973
19740081301	Evaluation of air defense effectiveness (EVADE 2) digital simulation for aircraft survivability. Volume 2, book 1: Analyst manual	1973
19740081303	Malfunction investigation of air launched pyrotechnics and chemical munitions	1973
19740081305	Computer solutions in electrostatic probe theory. 2: Two-electrode systems in R, Z geometry	1973
19740081306	FB-111A category 2 evaluation of environmental Control, Airframe, secondary power, crew station, and mission and traffic control subsystems	1973
19740081308	Flightworthy graphite fiber reinforced composite aircraft primary structural assemblies. Volume 2: Tasks 6 through 12, supplement	1973
19740081309	Strength characterization of ceramic sonar rings	1973
19740081310	Qualification tests of two, type MS3319-1 nickel-cadmium batteries, manufactured by Marathon Battery Company	1973
19740081311	Qualification test for aircraft lighting equipment (Grimes Manufacturing Company, P/N 70-0118-3, position-light flasher)	1973
19740081312	Military personnel requirements for the amphibious assault landing craft program experimental test unit	1973
19740081313	High latitude propagation study, phase 2	1973
19740081314	SAFSCOM support EMP/RFI interface evaluation for USAEDH safeguard tactical ground facilities hardness program, EMP. Volume 4, book 1: PAR facility penetration data equipment data and analyses	1973
19740081317	Evaluation of experimental US Air Force fire-resistant summer flight gloves	1973
19740081318	Navy technical facility register. Volume 1: Sections 1-17	1973
19740081319	Lamps MK 3 (Light Airborne Multi-Purpose System): Documentation plan	1973
19740081320	The MOS varactor properties and applications as nonlinear reactance in the microwave region, parts 1 and 2	1973
19740081321	Transonic static stability and roll-damping characteristics of a directional controlled antitank missile	1973
19740081322	Engineering test of mast AB-864()/G	1973
19740081323	Design point pressure recovery of a highly maneuverable target aircraft	1973
19740081324	Technical evaluation of electronically scanned TACAN antennas	1973
19740081325	Broadband combinable power amplification 1350-1850 MHz	1973
19740081326	Short range program plan for version 1 of test bed for midcourse defense	1973
19740081327	Overhead position, gas-metal pulsed-current welding of alloy titanium	1973
19740081328	Aging and surveillance testing of a minuteman LGM-30F stage 2 rocket motor at simulated pressure altitude motor S/N AA20048, designation OP-17	1973
19740081332	Rocket plume radiation due to interactions with the atmosphere. Volume 1: Far field plume radiance model	1973
19740081333	Rocket plume radiation due to interactions with the atmosphere. Volume 3: Plume radiance predictions for Athena H second and third stage boosters	1973
19740081334	High-power C-band microwave integrated transistor amplifiers	1973
19740081335	Operational reliability evaluation of computer programmer and power sweep assembly in E-2B aircraft tactical command and control system	1973
19740081336	Minuteman 3 interface study cost analysis, Volume 3	1973
19740081337	Analysis of the PARB detailed geometric model tested at event DIAL PACK	1973
19740081338	Production monitoring testing of AQM-37A target lots 1, 2, and 3 (contract N00019-71-C-0250)	1973
19740081339	Helmet mounted sight simulation experiment results	1973
19740081340	Category 2 evaluation of the C-5A navigation subsystem. Addendum: Radar altimeter and instrument landing system	1973
19740081341	Chemical laser systems	1973
19740081342	XM42E1 lance timer	1973
19740081343	Systems electromagnetic compatibility evaluation	1973
19740081344	Production engineering measure for low radiant power infrared sources	1973
19740081345	Hybrid waveguides integrated optics for 10 micron wavelengths	1973
19740081346	Determination of the gravity field	1973
19740081347	On Ostach's method of computing astrogravimetric leveling	1973
19740081348	Subminiature broadband filters	1973
19740081349	Electrochemical engineering of battery systems	1973
19740081350	Low-angle tracking investigation, phase 3	1973
19740081351	Lightweight headset and sweep-on oxygen mask	1973
19740081352	A wind tunnel test of a 0.07 scale inlet drag model of the B-1 aircraft at Mach numbers from 0.60 to 1.60	1973
19740081353	Requalification test of the Thiokol TE-M-604-01 solid-propellant rocket motor	1973
19740081354	Geometric representation of the F-4E using the magic computer program	1973
19740081356	Optical Sensor Signal Simulation (OSSS)	1973
19740081357	An investigation of the effectiveness of magnetic particle testing	1973
19740081361	Production engineering measure for ionimplanted integrated circuits	1973
19740081363	Development of a welding technology for HY-100 steel	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081365	Operational suitability and logistic supportability AN/TPN-19 landing control central	1973
19740081370	Feasibility demonstration of the FLIR receiver and laser rangefinder for the Mk 68 gun fire control system (U)	1973
19740081372	The methodology and craft descriptions for an amphibious assault landing craft vulnerability study (U)	1973
19740081373	Development test 2 (service phase) of medium antitank/assault weapon surface attack guided missile system, XM47, Dragon, under Arctic winter conditions (U)	1973
19740081374	Sonobuoy noise reduction study (U)	1973
19740081377	Instantaneous position fixing from measurement of satellite range and Doppler (U)	1973
19740081378	Bottom bounce echo ranging trials of the AN/SQS-26 (AXR) in the Eastern Mediterranean, September 1971 (U)	1973
19740081385	Air-to-Ground visual target acquisition. Summary of field test data (U)	1973
19740081389	Bottom bounce and convergence zone propagation path coverage in the Black Sea (U)	1973
19740081390	Title is classified	1973
19740081392	Influence of environmental parameters on the rain erosion behavior of reentry vehicle materials at velocities of 3000 to 5500 FPS (U)	1973
19740081395	Standard missile. Analytic techniques for nuclear airblast and thermal radiation coupling (U)	1973
19740081396	Continuous pneumatic mix process development for MK 82 series bomb loading (U)	1973
19740081398	The SMAWT program. Volume 2: Propulsion technology (U)	1973
19740081399	Summary of simulation studies for CLGP guidance system candidates (U)	1973
19740081404	Annual single element funding status report. Missile technology. Volume 6: Propulsion (U)	1973
19740081406	The effect of sound velocity profile variability on propagation of underwater shock waves to the first convergence zone (U)	1973
19740081407	Evaluation of an electro-optical sensor for the MK 68 gun fire control system (U)	1973
19740081411	F-111 ECM pylon modification OT/E (U)	1973
19740081431	Net assessment (military) of NATO and Warsaw Pact forces in central Europe. Volume 2: Data base and effectiveness measures (U)	1973
19740081432	Net assessment (military) of NATO and Warsaw Pact forces in central Europe, volume 1 (U)	1973
19740081454	Analysis of Apollo S-1C retrorocket signatures (U)	1973
19740081455	Analysis of mission GT 106M airborne optical data (U)	1973
19740081463	A possible criterion for sidelobe canceller performance (U)	1973
19740081465	Helicopter applications of lasers (U)	1973
19740081468	A methodology for the determination of cruise missile fire control performance (U)	1973
19740081475	RAT SCAT radar cross section measurements of a phased array assembly (U)	1973
19740081481	Test and evaluation of AIM-95A (AGILE) guidance system development by Hughes Aircraft Company (U)	1973
19740081486	Missile tracking evaluation (U)	1973
19740081504	Title is classified	1973
19740081505	Combat Sage. PACAF weapon system evaluation program (U)	1973
19740081518	Experiments and models in prairie smoke (U)	1973
19740081542	Laser IRCM program (U)	1973
19740081545	Development Assist Test 616. Evaluation of basic and CHIMP-I Chaparral missile as an interim point defense weapon (U)	1973
19740081554	A comparison of the utility and effectiveness of weapons in the close air support role (U)	1973
19740081602	Longitudinal motions of aircraft involving high angles of attack	1973
19740081603	Operational control of Prospero	1973
19740081614	Automated microbial metabolism laboratory	1973
19740081615	A method for the measurement of the modulation transfer function of photographic recording materials with the spatial frequency spectrum analyzer	1973
19740081616	The investigation of carbon dioxide absorption on Mars and Venus	1973
19740081617	Small, high pressure hydrogen turbopump	1973
19740081618	Nondestructive evaluation of regenerative chambers	1973
19740081619	Infrared spectra of molecules and materials of astrophysical interest	1973
19740081620	Basic research on primary cosmic radiation	1973
19740081621	Analysis of self-oscillating dc-to-dc converters	1973
19740081622	Wave height measurements with a correlation radar	1973
19740081623	Energy transfer in isotropic turbulence	1973
19740081626	Research on high intensity combustion and NO(x) formation in a turbine engine combustor	1973
19740081627	Stress corrosion crackling of titanium alloys	1973
19740081628	Studies of lunar and planetary surfaces and atmospheres	1973
19740081629	Theoretical investigation of the constitution of the moon and the planets	1973
19740081630	Analyses of the requirements for computer control and data processing experiment subsystems	1973
19740081631	Theoretical investigation of isotopic anomaly of xenon carbonaceous chondrites	1973
19740081632	Steady state interaction between radiation and matter in stellar atmospheres	1973
19740081633	Time variations of UV emission features of Be stars	1973
19740081634	Numerical modeling of the global atmosphere and the world oceans	1973
19740081636	CO2 photodissociation and vibrational excitation in the planetary atmospheres	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081637	Electrochemical generation of oxygen	1973
19740081638	Energy transfer in volume, reflecting heat shields	1973
19740081639	NASA-Texas planetary program	1973
19740081640	Studies of Jupiter's atmosphere	1973
19740081641	Fluid dynamic and heat transfer problem of modern air breathing propulsive systems	1973
19740081642	Objective ride quality evaluation	1973
19740081643	France: Nuclear missile, and space developments, no. 369	1973
19740081644	Fundamental study of full-coverage film cooling	1973
19740081645	CAT detection system instrumentation	1973
19740081646	Investigation of critical burning of fuel droplets	1973
19740081647	Performance and low-gravity testing of the VD/VF system	1973
19740081648	Vacuum jacketed composite lines	1973
19740081649	Study of multilayered insulation pipe penetration and thermal acoustic oscillations	1973
19740081650	Centaur/shuttle integration study	1973
19740081651	Vacuum jacketed composite lines	1973
19740081652	Composite tank with load sharing liners	1973
19740081654	Japan: Nuclear, missile, space, and defense developments, no. 187	1973
19740081655	Small, high speed seal technology	1973
19740081656	Short-range intermolecular forces and high-temperature gas properties	1973
19740081657	Thermal performance of a customized Multilayer Insulation (MLI)	1973
19740081658	Static propeller research	1973
19740081659	Study of the flow near the foot of the weak shock terminating a region of supersonic flow	1973
19740081660	A research in support of NASA's space science	1973
19740081661	Spectrophotometric study of asteroids	1973
19740081664	CAT detection system instrumentation	1973
19740081665	Small, high-speed bearing technology	1973
19740081666	Fiber/epoxy filament wound vessel	1973
19740081667	Space shuttle RCS engine	1973
19740081668	Technical progress summary	1973
19740081669	Final report	1973
19740081670	A study of biological experiments for the Long Duration Exposure Facility	1973
19740081671	Fiber/epoxy filament wound vessel	1973
19740081673	Space shuttle RCS engine	1973
19740081674	Hydrazine gas generator program	1973
19740081675	Nondestructive evaluation of regenerative chambers	1973
19740081676	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation system	1973
19740081677	Low speed inducers for cryogenic upper stage engines	1973
19740081678	Performance and low gravity testing of the VD/VF system	1973
19740081679	Monopropellant engine investigation for space shuttle reaction control system	1973
19740081680	First progress report, 13 June - 13 September 1973	1973
19740081681	Thermal performance of a customized multilayer insulation (MLI)	1973
19740081682	Satellite-tracking and earth-dynamics research programs	1973
19740081683	Technical consulting services for earth resources program	1973
19740081684	Simultaneously measured helium ion fluxes	1973
19740081685	Technical consulting services for earth resources program	1973
19740081686	Technical consulting services for earth resources program	1973
19740081687	Analysis of ATS-5 data	1973
19740081688	Acoustical theory of turbulence	1973
19740081689	Design, fabrication and test of unidirectional multi-fiber laminates	1973
19740081690	Fracture control design methods	1973
19740081691	Cryogenic thin metal lined filament wound graphite composite vessels	1973
19740081692	Study of multilayered insulation pipe penetration and thermal acoustic oscillation	1973
19740081693	Performance and low gravity testing of the VD/VF system	1973
19740081694	Extended temperature range ACPS thruster investigation	1973
19740081695	Wall mounted heat exchanger characterization	1973
19740081696	Study of multilayered insulation pipe and thermal acoustic oscillations	1973
19740081697	Semiannual progress report	1973
19740081699	A summary of the activities of the Aeronautics and Space Engineering Board, 1 January 1972 - 31 May 1973	1973
19740081700	Space shuttle RCS engine	1973
19740081705	Operation and calibration procedures PCM data acquisition system launch complex 39	1973
19740081706	In-place calibration for pressure garment assembly test stand	1973
19740081707	Operation and calibration procedures meteorological and lightning monitoring system	1973
19740081708	Procedure for calibrating electric-field meter	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081709	GaAs on beryllia substrates for application to microwave generation	1973
19740081719	Circadian rhythm analysis under terrestrial earth orbit conditions	1973
19740081721	Spatial nucleation and crystal growth	1973
19740081722	Magnetic studies on meteorites	1973
19740081728	Compatibility test of MK 52 and DST-40 mines with B-52 aircraft	1973
19740081729	Comparative evaluation of nomex and polypropylene blended underwear for use with CWU-33/P antiexposure garment	1973
19740081730	Production quality assurance test of a Bell Aerospace Company propulsion system rocket engine at simulated altitude, system S/N A4V0730 PQA-17	1973
19740081731	Advanced solid state Metal Nitride Oxide Silicon (MNOS) memory	1973
19740081732	Manufacturing methods for application of erosion-resistant coatings to compressor blades	1973
19740081733	Labelling of plastic foil with heat adhesive papers	1973
19740081734	The influence of shock waves incident on plane supersonic flows around blunt objects	1973
19740081735	Evaluation of modified tape transport RD-319A	1973
19740081736	Evaluation of Bendix 28B 187-8 lightweight 30 KVA generator	1973
19740081737	SAM-D software maintenance study	1973
19740081738	Sampling tests of two, type MS18045-44, nickel-cadmium batteries, manufactured by Marathon Battery Company	1973
19740081739	Effectiveness evaluation in military R and D establishments	1973
19740081741	Certain problems in the construction of runway surfaces	1973
19740081742	Neutron irradiation test of experimental solar cells	1973
19740081743	Summary of elastomer/JP-7 fuel compatibility test programs from 1966 to 1972	1973
19740081744	Pressure and thermographic phosphor heat transfer tests on the P-123 corrugated shroud cone configuration at Mach numbers 1.78 to 5.45	1973
19740081745	Comparative evaluation of aircraft wheel protective coating systems	1973
19740081746	Aeronautical systems EMP technology review	1973
19740081747	Reliability of complex large scale composite structure: Proof of concept	1973
19740081748	Synthesis of nitrile-oxide curing agents for perfluoroalkyl S-triazine elastomers	1973
19740081750	Production engineering measure for high voltage aluminum high reliability electrolytic capacitors	1973
19740081751	Development of high stability fuel	1973
19740081752	SST technology follow-on program - Phase 2. integrally stiffened panel biaxial compression tests	1973
19740081753	S-3 satellite notation damper qualification test report	1973
19740081754	CD4007 integrated circuit reliability analysis	1973
19740081756	A study of the application of reflective displays to synthetic array radar	1973
19740081758	Design and error-theory considerations on the creation of a world geodetic system with the aid of satellite geodesy	1973
19740081759	Techniques for determining near-zone radar cross-section	1973
19740081760	Production engineering measure for an integrated circuit power amplifier 600-1000 MHz for tactical radio equipment	1973
19740081761	Transistorized RF power amplifier and driver for receiver transmitter, RT-524/VRC	1973
19740081762	Operational test and evaluation of the C-5 refueling service test	1973
19740081764	The Soviets develop nuclear reactors for space	1973
19740081766	Retention indices in gas chromatography	1973
19740081768	Crustal structure in the RIF region of northern Morocco from gravimetric aeromagnetic regional measurements	1973
19740081769	High efficiency linear SSB power amplifier	1973
19740081770	Electronically tuned high power network	1973
19740081771	Reliability investigation of the MSC 2010	1973
19740081772	Electronic grid integration: Simulation description and preliminary results	1973
19740081777	Proceeding of the DNA 1973 Atmospheric Effects Symposium. Volume 1: Abstracts	1973
19740081778	Conformal carriage flight test program. Part 2: Weapon separation	1973
19740081779	SAM-D performance analysis using cadet. Volume 1: Summary	1973
19740081780	SAM-D performance analysis using cadet. Volume 2: Appendices, 342	1973
19740081782	Advanced composite technology fuselage program. Volume 6. F-5 mid-fuselage component - design and test	1973
19740081783	Quality control and assurance provisions for the XM433 2.75 inch rocket fuze protector	1973
19740081784	Line array imaging techniques	1973
19740081785	Ultra high rate technology	1973
19740081786	Development of an airborne L-band antenna for satellite communication	1973
19740081787	Search and rescue communications Global Rescue Alarm Net (GRAN)	1973
19740081788	Display addressing by hybrid optical techniques	1973
19740081789	Exploratory development leading to improved carbon/carbon composites	1973
19740081790	Results of a ballistic range test program to evaluate the effect of surface roughness on heat transfer utilizing a calorimetric model	1973
19740081791	Rocket booster effects on stability of the action missile at transonic speeds	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081792	Check test of flasher system LS-59A	1973
19740081793	Optical pyrometer for submicrosecond temperature measurements	1973
19740081794	Long life elastomeric aircraft hydraulic seals	1973
19740081795	Evaluation of Bendix brushless DC electrical systems	1973
19740081796	Joint test of 1528 LAPES phase 2	1973
19740081797	Initial operational test and evaluation (IOT and E) of the tactical air cargo loader	1973
19740081800	Development of glass-sealed transmission 3-5 photocathodes	1973
19740081801	Broadband semitransparent photocathode development	1973
19740081802	Production engineering measure for non-reserve disposable zinc-air battery BA-558()/U	1973
19740081807	Effects of surface damage on transmission of germanium windows in the 8 to 13 micrometer range	1973
19740081808	A study of the need for wet type sprinkler systems aboard ammunition ships (AE's, AOR's, AOE's AO's (jumbo)	1973
19740081809	Parameters for refractory materials for 1200 PSI main propulsion boilers	1973
19740081810	Evaluation of 180 KSI wheel bolts	1973
19740081811	DOD Space Transportation System (STS) payload interface study, volume 1	1973
19740081812	The 3-5 photocathode development	1973
19740081813	Development of rocket motor for parachute retrorocket airdrop system	1973
19740081815	Qualification test report for ampere-hour meter Boeing SCD 10-70424 engineered magnetics model EMAM131-1 serial no. 43	1973
19740081816	Qualification test report, thermal vacuum test panel	1973
19740081817	The general optimum digital filter in millimeter wave radiometric signal processing	1973
19740081818	Category 2 test reports (USAF test). Tactical Information Processing and Interpretation (TIPI) system (WS-428A) 2 system, volume 3	1973
19740081819	Category 2 test reports (special analysis). Tactical Information Processing and Interpretation (TIPI) system (WS-428A) 2 system, volume 4	1973
19740081820	Category 2 test reports (appendices). Tactical Information Processing and Interpretation (TIPI) system WS-428A) 2 system, volume 5	1973
19740081821	Small, high-speed bearing technology	1973
19740081822	Production engineering measure for improved reliability of metallized polycarbonate and metallized polysulfone capacitors	1973
19740081823	Navy communications	1973
19740081824	Evaluation of an airborne forward looking infrared (FLIR) for perimeter defense applications	1973
19740081825	Selective effects armament system missile/AH-1G Cobra helicopter electromagnetic radiation hazards ANSSR phase	1973
19740081826	Determination of optimum contours of external fairings for desired flow properties over instrument apertures for a Naval Research Laboratory P-3 aircraft	1973
19740081827	Scaling laws on the dynamic behavior of skirt materials for the Arctic SEV	1973
19740081828	Sensitivity enhancement	1973
19740081829	On some geodetic applications of asymmetrical connections	1973
19740081830	The effect of deflections of the vertical on spatial networks	1973
19740081831	Body fixed guidance and control concept and design study	1973
19740081832	Thermoelectric power source PP-6128()/U	1973
19740081833	Production engineering measure for sealed	1973
19740081834	Quadraphase programmable correlator	1973
19740081835	Wideband holographic digital recording and readout	1973
19740081836	Range limitations of TPN-19 par radar caused by rain	1973
19740081837	Preliminary design concept for the strategic Air Command automated total information network (Satin 4)	1973
19740081838	Mechanical and thermal properties of Mod 3, volume 4	1973
19740081839	Performance synthesis of electro-optical sensors	1973
19740081840	Evaluation of image amplifier components of night, aerial photographic reconnaissance systems	1973
19740081847	The effects of environmental exposure on strength properties of AF-A-3639 adhesive bonded joints	1973
19740081848	Development of an electrical-to-fluoric transducer	1973
19740081849	Low power D/A converter, part 2	1973
19740081850	The channelsonde	1973
19740081851	A distribution system for computer control of several programable devices through a single digital input/output channel	1973
19740081852	Miniature molecular frequency source	1973
19740081855	Development of microwave power chip carriers	1973
19740081856	Compilation of data covering aircraft servicing facilities aboard aircraft carriers	1973
19740081857	Precise Impulse Propulsion (PIP) program	1973
19740081858	Countermeasures set AN/ALQ-129	1973
19740081862	HH-53 ELF hover coupler feasibility test	1973
19740081863	Evaluation of size effects on the fatigue properties of aluminum alloys 7075, 7079 and X7080, intermediate size	1973
19740081864	Silicon intensifier vidicon with anti-blooming target	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081865	AV-8A shipboard suitability trials	1973
19740081866	Developmental flight testing of the TF-41-A-2 engine in the A-7E airplane oil quantity measurement investigation	1973
19740081867	Long-life grid-controlled amplifier	1973
19740081868	The construction of aircraft radomes	1973
19740081869	Optical methods for measuring the velocity of particles within a fluid flow	1973
19740081871	Coordinate conversion in spaces of any dimensions	1973
19740081872	Qualification test report, acoustic test panel	1973
19740081873	Dynamic mechanical response of three-dimensional carbon-carbon, carbon phenolic, and quartz phenolic	1973
19740081874	Requirements for digital computer simulation of gas turbine propulsion system performance, phase 2. Test information handling and inlet/engine performance simulation	1973
19740081875	Aerodynamic loads and static stability characteristics on the Subsonic Cruise Armed Decoy (SCAD) at Mach numbers from 0.60 to 0.95	1973
19740081876	Laser missile guidance system study	1973
19740081877	Low power high density MOS arrays for Army application	1973
19740081878	Pressure driven dynamic fractures near flaws and some frictional effects on shear fracture	1973
19740081879	Brittle materials design, high temperature gas turbine	1973
19740081880	Abstracts of the 23rd Annual Symposium on USAF Antenna Research and Development Program	1973
19740081881	Inertial navigation system test methods	1973
19740081882	Acoustic demonstration test report, S3-1 satellite	1973
19740081883	Imaging panel subsystem	1973
19740081884	Uses of vibration in helicopter flying	1973
19740081885	Ice engineering summary of elastic properties research and introduction to viscoelastic and nonlinear analysis of saline ice	1973
19740081886	Space communications	1973
19740081887	The Mariner 9 primary control net of Mars	1973
19740081888	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment in the T-34B airplane	1973
19740081889	Improved binders for propellant application	1973
19740081890	Continued experimental investigation of aircraft arresting, gear purchase cable	1973
19740081891	Three-watt thermoelectric generator	1973
19740081892	Production engineering measure for avalanche transit time amplifier PEM for ADA	1973
19740081893	Production engineering measure for avalanche transit time amplifier (PEM for ADA)	1973
19740081894	Production engineering measure for avalanche transit time amplifier (PEM for ADA)	1973
19740081895	High energy laser mirrors and windows	1973
19740081896	Theoretical analysis of an inductive, cylindrical MHD converter with cryogenically cooled systems	1973
19740081897	Digital simulation of ballistic rockets	1973
19740081898	The Swedish Air Force: The Saab Viggen	1973
19740081902	Determination of interference heating effects on the HAST missile using the thermographic phosphor technique	1973
19740081903	P-3 airplane safety and survival equipment evaluation	1973
19740081904	Augmented solid fuel gas generator systems	1973
19740081905	Telemetry calibration test report, S3-1 satellite without payloads	1973
19740081906	The 1970 West German aerodynamics papers DFVLR and DLR research reports	1973
19740081907	The use of lasers, radioisotopes and the correlational method for measuring flow velocity	1973
19740081908	Advanced composite technology fuselage program	1973
19740081910	Surveillance of Terrier igniter Mark 192 Mods 0, 2, and 3	1973
19740081911	Evaluation of MIL-L-23699 lubricant performance in the J52-P-6 and J52-P-8 engines	1973
19740081912	Investigation of thermal protection concepts	1973
19740081913	Rapid charger for maintenance-free batteries	1973
19740081914	Fretting resistant coatings for titanium alloys	1973
19740081915	Investigation of a self-Q-switching neodymium glass	1973
19740081916	Engineering flight test, OH-6A helicopter with cambered tail rotor blades and pedal force compensators	1973
19740081921	Production engineering for growth of synthetic calcite polarizer material	1973
19740081922	Impulse receiver	1973
19740081923	New ablative plastics and composites, their formulation and processing	1973
19740081924	The use of the 3.4 KHz omega difference frequency for aircraft navigation	1973
19740081925	Some practical consequences of platform instability for a superconducting gradiometer MAD system	1973
19740081926	Test and evaluation directorate's support to the TOW project office	1973
19740081927	Force and pressure tests on the SAMSO/AVCO Street-A vehicle with lateral injection at Mach 20	1973
19740081929	Implementation of a tracking mode RDF system with a CDA	1973
19740081930	Production engineering measure for high burnout resistant mixer diodes	1973
19740081931	Performance evaluation of MMC-361 solid state PAM commutator	1973
19740081933	Drogue alignment and stabilization system	1973
19740081934	Optoelectronic data bus	1973
19740081935	SECEDE 2: Fabry-Perot interferometer data	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081936	A time-resolved impulse and stress generation model FSP applied to a three dimensionally reinforced composite material	1973
19740081937	Development of channel filter having sin X/X frequency response	1973
19740081938	BA-525()/U and BA-526()/U mechanically rechargeable zinc/air batteries	1973
19740081939	BAK-13 aircraft arresting system phase 2 test and cable bounce limiter test	1973
19740081940	Multifuel engines in military vehicles	1973
19740081941	Direct Electronic Fourier Transforms of optical images (DEFT)	1973
19740081942	Electro-optical reconnaissance sensors evaluations	1973
19740081943	The 2175 program, a programming language (APL) function modules	1973
19740081944	Dynamics testing of a Bell Aerospace Company propulsion system rocket engine for aging and surveillance purposes system S/N A4 V0069	1973
19740081945	Flight evaluation of induced-noise mechanisms on high-speed aircraft	1973
19740081946	Production engineering measure for an Integrated Power Switch (IPS)	1973
19740081948	Compatibility test of selected non-nuclear stores on the A-7D aircraft (phase 1 Seek Eagle)	1973
19740081949	Development test (DT) 2 (service phase) of the CH-47C helicopter under Arctic winter conditions	1973
19740081950	Airworthiness and flight characteristics evaluation: AH-1Q helicopter	1973
19740081951	All semiconductor distributed aerospace processor/memory study. Volume 1: Avionics processing requirements	1973
19740081952	Thermal control of airborne electronic equipment, volume 1	1973
19740081953	Thermal control of airborne electronic equipment, volume 2	1973
19740081954	Subsonic diffuser designs for interceptor applications, volume 2	1973
19740081955	A rapid method for flutter clearance of aircraft with external stores. Volume 2: User's manual for faces computer program	1973
19740081958	Ablative multi-dimensional reinforced composites for propulsion environments	1973
19740081959	Arctic surface effect vehicle program. Volume 2: Parametric design analysis and concept exploration study	1973
19740081960	Arctic surface effect vehicle program. Volume 3: Skirt system study	1973
19740081961	SAM-D engineering development status. Volume 1: Narrative summary	1973
19740081962	Plasma flow theory, analysis, volume 1	1973
19740081963	ATMAC UHF ground-air/air-ground digital data link preliminary design and test effort, volume 1	1973
19740081964	ATMAC G/A/G HF/VHF digital data link, preliminary design and test effort. Volume 2: Appendices A through D	1973
19740081965	ATMAC G/A/G HF/VHF digital data link, preliminary design and test effort. Volume 3: Appendix E	1973
19740081966	Mission analysis on Air Force base communications 1985. Volume 1A: Executive summary	1973
19740081967	Mission analysis on Air Force base communications, 1985. Volume 2: Road maps. Part 2: Technology	1973
19740081968	Mission analysis on Air Force base communications, 1985. Volume 3A: Needs analysis, panel reports. Part 1: Needs analysis summary report	1973
19740081969	Mission analysis on Air Force base communications, 1985. Volume 3A: Needs analysis, panel reports. Part 2: Representative base data appendices 3, 9 and 11	1973
19740081970	Mission analysis on Air Force base communications, 1985. Volume 3A: Needs analysis, panel reports. Part 3: Needs analysis data base appendices 4, 5, 6, 7, 8, 10 and 12	1973
19740081972	Mission analysis on Air Force base communications, 1985. Volume 3A, part 5: An analytical model of the current need for communication support on an Air Force base	1973
19740081973	Mission analysis on Air Force base communications, 1985. Volume 3B: Concepts and technology, panel reports. Part 1: Concepts	1973
19740081974	Mission analysis on Air Force base communications, 1985. Volume 3B: Concepts and technology, panel reports. Part 2: Present base communications system description	1973
19740081975	Mission analysis on Air Force base communications, 1985. Volume 3B: Concepts and technology, panel reports. Part 3: Technology forecast	1973
19740081976	Missile analysis on Air Force base communications, 1985. Volume 3C: Panel reports, resource analysis	1973
19740081977	Minuteman stage 3 materials and components surveillance program, volume 1	1973
19740081978	Minuteman stage 3 materials and components surveillance program, volume 2	1973
19740081979	The effect of mission radius on ASW patrol aircraft (VP) configurations post 1980: Volume 2: Technology considerations and forecast, appendix	1973
19740081980	The effect of mission radius on ASW patrol aircraft (VP) configurations (post 1980). Volume 3: VP configurations	1973
19740081981	Projectile tracking radar system design analysis. Volume 2: Detailed system description	1973
19740081982	Projectile tracking radar system design analysis. Volume 3: Appendices	1973
19740081983	Arctic surface effect vehicle program. Volume 3: Task 2.1.2 (B)	1973
19740081984	A procedure for computing optimum initial outfitting lists for naval aviation material. Volume 1: The IOL optimization model	1973
19740081985	PLRS program	1973
19740081986	Production engineering measure for mechanized production and test equipment for time setting potentiometers (cermet and conductive plastic)	1973
19740081987	Investigation of water emulsion epoxies	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740081988	Effects of varying processing parameters in the fabrication of adhesive bonded structures. Part 14: Adhesive bonding of vulcanized elastomers	1973
19740081989	Use of the Weibull distribution function in studying compatibility of polymers with propellants	1973
19740081990	A 1.06-micron image intensifier tube development	1973
19740081991	Electromagnetic communciation in the earth's crust	1973
19740081992	An exploratory investigation of corrosion fatigue crack growth in HY-130 base plate	1973
19740081993	Summary of published research on binders and propellants	1973
19740081994	Store separation. State-of-the-art	1973
19740081995	The effect of stress ratio on high-cycle fatigue and corrosion fatigue of 5086-H116 and 5456-H117 aluminum alloy weldments	1973
19740081997	Effects of fin folding angle and leading-edge sweep angle on the aerodynamic characteristics of missiles equipped with wraparound fins at Mach numbers from 0.5 to 1.3	1973
19740081998	Production engineering measure on gating transistors	1973
19740081999	Tactical landing system development program	1973
19740082000	Tactical landing system development program	1973
19740082001	Qualification test report for 10-70440 electromagnets, P/N 2336-1003-1,-2	1973
19740082002	Development Test (DT-2) (service phase) (internal air portability and airdrop) of night vision sight, infrared, AN/TAS-3 (), for use on Dragon and TOW weapon systems	1973
19740082003	AN/GRC-177, AN/VRC-79, AN/PRC-100 VHF transceivers development program	1973
19740082004	Research in amphibious warfare for the US Marine Corps of the future: A bibliography	1973
19740082005	Propellant surveillance report LGM-30F, stage 2 ANB-3066	1973
19740082006	Project briefs (active projects supplement)	1973
19740082007	Project briefs (compiled projects supplement 13)	1973
19740082008	Microwave power combinatorial development, task 2: 60 GHz amplifier/combiner	1973
19740082009	A summary of SAM-D sensor simulation support for FY-73	1973
19740082010	Vacuum ultraviolet spectral studies	1973
19740082011	Laser observation of fragmented tank. Volume 2: Appendix	1973
19740082012	Analytic mathematical models of tactical military communications channels	1973
19740082013	Modification, calibration, and flight test infrared radiometer experiment	1973
19740082014	High pressure processing of ablative multidirectional reinforced plastic composites	1973
19740082015	Studies of pilot performance in helicopters	1973
19740082016	Effect of various external stores on the static longitudinal stability, longitudinal control, and drag characteristics of the model F-4C airplane	1973
19740082017	Results of YF100-PW-100 (S/N FX207-13) testing in propulsion development test cell J-1	1973
19740082018	Static stability and roll damping characteristics for several curved and planar fin configurations at transonic speeds	1973
19740082020	Surveillance of under seat rocket motor Mark 89 mod 0	1973
19740082021	Refined ATU/MAU and interim ATG/MAB. Seaborne Mobile Logistic System (SMLS), part 1	1973
19740082022	High dynamic range wideband FM recorder/reproducer system	1973
19740082023	The geoid from observations of satellite altimetry	1973
19740082024	Improved cavitation damage resistant coatings for surface effect ships: Research and development program	1973
19740082025	Methodology investigation. Improved method of tracking aerial targets	1973
19740082026	Accuracy limits of aneroid barometric and radar altimeters	1973
19740082027	Qualification test results for processor/baseband unit	1973
19740082028	Hast/slurry prototypes	1973
19740082029	Dynamics testing of a Bell Aerospace Company propulsion system rocket engine for aging and surveillance purposes system S/NA4 V0309	1973
19740082030	III-V photocathode development	1973
19740082031	Technology of image tubes using III-V compound photocathodes	1973
19740082032	Simulation of the AN/TPN-19 precision approach radar control loop	1973
19740082033	Broadband near infrared laser detector	1973
19740082036	Technical data and operation of the Air Force Avionics Laboratory's electronic-warfare simulation facility	1973
19740082037	Nuclear analysis	1973
19740082040	Studies of improved output transducers, phase 2	1973
19740082042	Studies of improved output transducers, phase 2	1973
19740082043	Studies of improved output transducers, phase 2	1973
19740082048	Navy technical evaluation of the SH-2F helicopter	1973
19740082049	Weathering of glass-filament-wound epoxies	1973
19740082053	Capacitors, electrolytic, aluminum foil, axial lead, metal case, IEC TAD	1973
19740082054	Capacitors, electrolytic, aluminum foil, axial lead, metal case, Namko C8	1973
19740082055	Capacitors, electrolytic, aluminum foils, PC lead, metal case, bosch HPF	1973
19740082058	Flying qualities and performance technical evaluation of the EA-6B airplane	1973
19740082059	Sun pumped laser	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082060	Erosion mechanisms and improvement of graphite materials. Surface roughness characterization and analysis	1973
19740082063	A production engineering measure for two L-band solid state microwave frequency sources	1973
19740082064	Final test report of modified OA-7621(V)/FSA-52(V)	1973
19740082065	High repetition rate metal vapor lasers	1973
19740082067	Investigation concerning the chance of surviving 24 hours by wearing certain types of flight suits during a simulated survival at sea	1973
19740082068	Electrostriction in dipolar fluids	1973
19740082069	Production engineering measure for an electron beam machine and microwave transistors	1973
19740082072	Low cost S-band transmitter tube for phased array radars	1973
19740082073	Field test and inspection procedures required to qualify for certification or recertification of E-28 aircraft recovery systems	1973
19740082074	Results of weathervane test series	1973
19740082075	Leadtime and risk assessments for an intercept feasibility experiment	1973
19740082076	X-259 test nozzle examination	1973
19740082077	Design performance verification 1	1973
19740082078	An investigation into the flight characteristics of rotating discs	1973
19740082081	Tunable Optical receiver	1973
19740082082	Compatibility test of the SUU-25C/A flare dispenser on the OV-10 aircraft: Seek Eagle	1973
19740082084	Review of materials, finishes and coatings for AN/TPS-32 radar systems to maximize corrosion protection	1973
19740082086	Advanced heatshield composites analysis carbon/carbon thermal stress test instrumentation results	1973
19740082089	Design and development of integrated circuit coding system	1973
19740082090	Surveillance of igniter mark 272 mod 0	1973
19740082091	Survivable infrared focal-plane investigation	1973
19740082092	Search and rescue communications global rescue alarm net gran	1973
19740082093	Military vehicle signature collection and classification program	1973
19740082095	Production assessment test report of microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1973
19740082098	Prevention and detection of ground faults in catapult control circuits	1973
19740082106	Dispersion correction study	1973
19740082108	Effective acquisition of FH TDMA signals in jamming	1973
19740082109	Message processing operational requirements and performance goals	1973
19740082110	Spinel ribbon	1973
19740082111	Production assessment test report of resistor, fixed, wirewound, precision, molded or dipped, 2 - 10 watts	1973
19740082113	Static and dynamic stability measurements on a series of aerostabilized conical seekers	1973
19740082118	Microwave power combinatorial techniques	1973
19740082119	Preparation and characterization of polycrystalline halides for use in high power laser windows	1973
19740082120	Advanced metallic air vehicle structure program	1973
19740082121	Microwave high dielectric constant materials	1973
19740082122	CW pin discharge laser	1973
19740082123	Studies of silver interlayer photocathodes at 1.06 microns	1973
19740082124	Test and evaluation of Holter infusion pump, model 911, for aeromedical airlift use	1973
19740082125	Test and evaluation of Datascope Resuscitron, model 680, for aeromedical airlift use	1973
19740082126	Test and evaluation plan for the Mark 14 recovery system and the Mark 7 automatic control system, Revision A	1973
19740082127	LCP 3 computer integration and test program	1973
19740082128	Modeling of optical IR backgrounds	1973
19740082131	TD-968()/U multiplexer	1973
19740082133	Capacitors, electrolytic, aluminum foil, axial lead, metal case, Amperex 2222 023 90021	1973
19740082136	Production assessment test report of semiconductors, special types of field effect, silicon, planar epitaxial, transistors	1973
19740082137	Far-field computations of conical arrays	1973
19740082138	Sustained load cracking of Ti-6Al-2Cb-1Ta-0.8Mo in ambient air	1973
19740082139	Nondestructive inspection of model F-4B aircraft main landing gear piston assembly axle	1973
19740082140	Corrosion and erosion design data for ship board sea-water piping	1973
19740082141	Check test of prefabricated aluminum landing mat (medium, XM19 special surface)	1973
19740082146	A comprehensive system of computing astrogravimetric leveling using an electronic computer	1973
19740082147	Propellant surveillance report, LGM-30 F and G stage 1 phase A series 3, TP-H1011	1973
19740082148	Production engineering measure for solid state photodetectors	1973
19740082149	A III-V transmission secondary electron multiplier studies	1973
19740082154	Government lot acceptance testing of AIM-7E-2 lots 6 and 7 (contract N00019-71-C-0439) (U)	1973
19740082157	Analysis of the flow on a submerged submarine (U)	1973
19740082161	Development of ballistic-damage-tolerant flight control components molded of a short fiber reinforced composite material. Phase 2: Summary report; component design, fabrication, testing, and evaluation (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082162	Design guide handbook for the design of ballistic-damage-tolerant short-fiber-molded aircraft flight control system components. Volume 2: Ballistic data (U)	1973
19740082164	A search performance test on ground based thermal imaging and pulse gated intensifier night vision systems (U)	1973
19740082165	EOTPO data management system report and funding profiles of Navy electro-optics for FY-1973 (U)	1973
19740082171	High side force TVC system concept studies (U)	1973
19740082173	An electron beam semiconductor phased array antenna driver (U)	1973
19740082174	Maximum range of a 35-GHz FM-CW active radiometer (U)	1973
19740082175	Title is classified	1973
19740082177	Forward Looking Advanced Multimode Radar (FLAMR) weapon delivery evaluation and trajectory variation study (U)	1973
19740082181	Global air to air data link (U)	1973
19740082185	Advanced VSTOL fighter/attack system technology (U)	1973
19740082187	Conduct a concurrent evaluation of the AN/UPX-24 central IFF system (U)	1973
19740082189	False targets and obscurations associated with infrared tracking of military ground vehicles (U)	1973
19740082191	SYFO plasticizer pilot process (U)	1973
19740082194	Increased effectiveness of tactical aircraft (U)	1973
19740082195	Integral ramjet/rocket material interface investigation (U)	1973
19740082196	Air Force Armament Laboratory technical summary report, 1972, book 1 (U)	1973
19740082198	Air Force Armament Laboratory technical summary report, 1972, book 2 (U)	1973
19740082205	Thumper high power laser (U)	1973
19740082207	High energy pulsed laser (U)	1973
19740082222	Laser radar countermeasures receivers (U)	1973
19740082233	IVORY CORAL technology in support of HF tactical communications (U)	1973
19740082234	ALQ20 installation evaluation (U)	1973
19740082244	Mobile Protected Weapons System (MPWS) (1985 - 1995) study (U)	1973
19740082249	The United States Marine Corps in 1990: A long range study, change 1 (U)	1973
19740082261	Combat Echo, phase 2, TAC weapon system evaluation program (U)	1973
19740082262	Electronic warfare joint test phase 1 increment one report (U)	1973
19740082271	FED: A computer program to generate geometric input for the heat-transfer code trump	1973
19740082272	Air-to-air weapons effectiveness test (AIRVAL). Survey of infrared measurements of tactical aircraft	1973
19740082274	Radial-burning pulse motors for air-launched missile propulsion	1973
19740082276	Application of advanced fibers to chambers for solid propellant rocket motors	1973
19740082277	Development of expandable rocket nozzles	1973
19740082279	Dynamic testing of a rocket-powered underwater model	1973
19740082283	Design of low-cost supersonic expandable turbine engine	1973
19740082284	Solid fuel ramjet boost-to-sustain transition	1973
19740082285	Survey of work on liquid fuels for airbreathing missiles	1973
19740082289	A program to investigate the potential of rocket sled testing of low altitude airbreathing propulsion systems	1973
19740082290	Long life monopropellant engine design criteria	1973
19740082291	Transtage propulsion improvements for space tug	1973
19740082292	Caseless ammunition with reduced vulnerability	1973
19740082295	A laboratory simulator for study of the effectiveness of the ignition systems in the 155mm Howitzer	1973
19740082296	Field evaluation of plastic rotating band materials: Artillery applications (105-mm Howitzer)	1973
19740082297	The 7.62mm barrel life as affected by inorganic propellant constituents	1973
19740082298	Booster motor development for an aircraft tube launched recoilless system	1973
19740082300	Exine engine concept	1973
19740082319	Demonstration of advanced ICBM components	1973
19740082323	Positive expulsion tankage for strategic missiles	1973
19740082324	Hypersonic demonstration motor	1973
19740082326	The design and development of a breakaway aging and surveillance motor for the evaluation of chemical and physical properties of solid propellant grains	1973
19740082328	Propulsion system for a spin stabilized interceptor	1973
19740082331	Development and connected pipe testing of ablative lined ramjet engines	1973
19740082336	Project DAME (Determination of Aircraft Missile Environment)	1973
19740082338	Space shuttle external tank	1973
19740082339	Space shuttle orbit maneuvering engine	1973
19740082340	Ablative silicone elastomer blast tube liner	1973
19740082341	Processing, testing, and application of low cost blast tube and aft head insulations	1973
19740082342	Contamination damage avoidance concepts for propulsion feed system components	1973
19740082343	Space storable propulsion module for planetary spacecraft	1973
19740082344	Comparative high energy space storable propellant/thruster studies	1973
19740082345	New horizons in propulsion	1973
19740082346	Fabrication and testing of elastic loop roving vehicle models	1973
19740082347	Microbiological performance testing on the water management subsystem for a four man space capsule	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082350	Payload carrier simulator man/systems program integration, volume 1, phase A	1973
19740082351	Model reference adaptive control with an augmented error signal	1973
19740082352	Engineering drafting practices manual: Ground support equipment, volume 1	1973
19740082353	An Investigation of Separate Surface Stability Augmentation Systems for General Aviation Aircraft	1973
19740082362	RLE quarterly progress report no. 111	1973
19740082363	Research on design and control of remote manipulators	1973
19740082367	Apollo/Saturn 5 Launch Complex 39 operations RP-1 fuel system	1973
19740082371	Thermomagnetic analysis using fugacity-monitored gas-mixing techniques	1973
19740082374	Sonic boom research	1973
19740082375	Preliminary mission module interface document for MJS '77 IRIS&R	1973
19740082376	Seven band scanning radiometer (7-BSR)	1973
19740082378	Thick film silicon growth techniques	1973
19740082379	Friedel-crafts polymers	1973
19740082380	Interaction of radiation with planetary gases	1973
19740082386	Correlation of materials properties with the atomic density concept	1973
19740082389	Fiber/epoxy filament wound vessel	1973
19740082391	Stanford gyro relativity experiment	1973
19740082392	Development of sputtered techniques for thrust chambers	1973
19740082393	Derivation of stringent bounds on geopotential coefficients and the associated Legendre polynomials	1973
19740082394	Development of high reliability, high frequency power conditioning models of converter-regulators	1973
19740082395	Voice communications certification review for Skylabs 1 and 2	1973
19740082397	Studies of discharge mechanisms in high pressure gases: Application to high efficiency high power lasers	1973
19740082399	Spacecraft cell testing program	1973
19740082403	Seven band scanning radiometer (7-BSR)	1973
19740082404	Unified network testing study: Spacecraft Command Encoder (SCE) readiness verification test procedures	1973
19740082407	Improvements to embedded shock wave calculations for transonic flow: Applications to wave drag and pressure rise predictions	1973
19740082408	The exploitation of advanced composite materials to lightly loaded structures	1973
19740082410	Determination of the intensity of turbulence in a liquid rocket combustion chamber	1973
19740082411	Quarterly status report no. 31, 1 October - 31 December 1972	1973
19740082425	Static aerodynamic characteristics of a 0.20-scale model of the Xqm-103 (FDL-23) research test vehicle for a Mach number range of 0.5 to 0.9	1973
19740082431	Model evaluation: Using sequential decision analysis and simulation	1973
19740082485	Determination of gas velocity and temperature near a rocket injector face	1973
19740082507	Requirements for Cannonball satellite study	1973
19740082510	COSMIC software submittal guidelines	1973
19740082512	Filament-wound composite vessels	1973
19740082514	Static aerodynamic characteristics of a low-fineness-ratio cylinder at angles of attack to 90 deg for Mach numbers from 0.6 to 1.8	1973
19740082517	High attitude static aerodynamic characteristics of a straight-wing twin-jet subsonic airplane	1973
19740082523	Progress report, 13 September - 13 December 1973	1973
19740082533	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1973
19740082535	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1973
19740082536	Analysis of nuclear induced plasmas by means of kinetic theory	1973
19740082537	Study of optical properties of X-ray sources	1973
19740082539	Correlation of materials properties with the atomic density concept	1973
19740082542	Lightweight thermally efficient composite feedlines	1973
19740082543	Lightweight vacuum jacket for cryogenic insulation	1973
19740082544	Test evaluation of overwrapped pressure vessels	1973
19740082545	Earth physics research using very long base interferometry measurements	1973
19740082546	Monopropellant engine investigation for space shuttle reaction control system	1973
19740082548	Development of autoclavable polyimides	1973
19740082549	Small, high speed seal technology	1973
19740082550	Fundamental study of full coverage film cooling	1973
19740082551	Fundamental study of full-coverage film cooling	1973
19740082554	Fracture control design methods	1973
19740082559	OT and E of F-111 weapons delivery methods revised	1973
19740082561	PRS discovery cruise 49, 31 August - 2 October 1972. Air-sea interaction observations (JASIN 1972)	1973
19740082562	Advanced electron device technology	1973
19740082563	Contractor's carrier suitability and landplane landing demonstration of the S-3A airplane	1973
19740082564	Manufacturing processes for advanced composite substructural shapes	1973
19740082565	Reliable Advanced Solid State Radar (RASSR)	1973
19740082566	Low temperature mechanical properties of 316 stainless steel and 5000 series aluminum alloys and comments on Arctic surface effect vehicle reparability	1973
19740082567	Research and fabrication of solid state emitter arrays	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082568	Atmospheric transmission measurement, 1	1973
19740082570	Arctic surface effect vehicle program. Volume 6: Task 2.1.5 powering systems	1973
19740082571	Gravity chart of the southern Andes and interpretation of gravity anomalies of central Chile	1973
19740082578	Integrated drive generator evaluation test report, Sundstrand model 150IDG02. Volume 2: Generator tests	1973
19740082579	Parametric cost estimation of fighter aircraft	1973
19740082580	Technology of image tubes using 3-V compound photocathodes	1973
19740082584	Production assessment test report of semiconductors, special types of field effect, silicon planar epitaxial, transistor	1973
19740082593	Production engineering measure for low radiant power infrared sources	1973
19740082594	Production engineering measures for temperature compensated microcircuit crystal oscillator	1973
19740082596	Manufacturing progress for RC networks	1973
19740082597	Engineering flight evaluation of the radio navigation subsystems on the model C-5A airplane	1973
19740082599	Captive flight and aerial release tests of the FMU-56C/B fuze	1973
19740082600	Initial operational test and evaluation (IOT and E) of the Babcock bomb/rocket scorine system	1973
19740082602	An experimental investigation of steering and control devices for surface effect ships	1973
19740082603	Development of improved area correlation techniques	1973
19740082604	Demonstration of a technique for guiding and retrieving hypervelocity projectiles in a ballistic range	1973
19740082605	Determination of aircraft response in approach/landing configuration for Microwave Landing System (MLS) program	1973
19740082606	Crossed Field Amplifier (CFA) characterization and theory	1973
19740082607	Evaluation of versatile avionics shop test AN/USM-247(V)	1973
19740082609	Elastomers for liquid rocket propellant containment, part 2	1973
19740082610	AFFDL 50 MW RENT facility calibration, volume 1	1973
19740082611	Thermal and mechanical property screening of graphite materials for advanced re-entry vehicles. Volume 1: Test methods and data books A through E.	1973
19740082612	Position location reporting system. Volume 1: Operating system subprogram (OSS) computer subprogram design document	1973
19740082613	Arctic surface effect vehicle program. Volume 7: Task 2.1.6 structural design	1973
19740082614	Antenna pattern measurements, supplement 1	1973
19740082616	SAM-D engineering development status. Volume 1: Narrative summary	1973
19740082617	DEPICS/SUR: A digital computer program for predicting survivability of ABM shell sections to a nuclear blast wave. Volume 1: User's manual	1973
19740082618	Time domain analysis	1973
19740082619	Time domain analysis. Advanced location and strike system data reduction system	1973
19740082620	Department of Defense space transportation system mission planning and software requirements study. Volume 2: Mission phase functional modules, DoD mission requirements and constraints, and STS imposed mission constraints	1973
19740082621	Department of Defense space transportation system mission planning and software requirements study. Volume 5: Multiple payload deployment reference mission 11	1973
19740082622	Department of Defense space transportation system mission planning and software requirements study. Volume 9: Software development rules and standards	1973
19740082623	Spacetrack augmentation 2 mission analysis follow-on. Volume 6: SAS 2 ground observations	1973
19740082630	FBMNS piece-parts receiving inspection at Module Maintenance Facility (MME), Charleston Naval Shipyard	1973
19740082632	RRS Discovery cruise 53, April - June 1973. Physical oceanography in the western north Atlantic Ocean (contribution to MODE-1)	1973
19740082633	Computation of the hydrodynamic coefficients of oscillating cylinders	1973
19740082634	The solution of a nonlinear elliptic operator equation by finite elements	1973
19740082635	The statistics of reliability assessment	1973
19740082637	Measurement of flow speed by the correlation method	1973
19740082639	The coal-burning gas turbine project	1973
19740082641	Longitudinal static stability and jet interference effects for the DCAT missile	1973
19740082643	Estimating relationships for predicting aircraft turbine engine development costs, volume 1	1973
19740082644	Determination of frequency responses of electroacoustic and electromechanical transducers by single-pulse excitation	1973
19740082645	Development of organometallic fluoropolymers and fluoropolymers for optical uses	1973
19740082646	Road transportation tests of the XM234 warhead section mated to LANCE missiles on the M688E1 loader-transporter and the M752 self-propelled launcher	1973
19740082647	Push-down list (PUDL) memory evaluation report	1973
19740082648	A computer program to calculate thermal and ballistic properties of solid propellants	1973
19740082649	Automatic pattern recognition report RSG-4-2A, a compilation of project summaries from countries participating in NATO AC/243 (panel 3) research study group 4 on pattern recognition	1973
19740082650	Highly dispersive acoustic filter study	1973
19740082651	ATMAC C/A/G HF/VHF digital data link, preliminary design and test effort, volume 1	1973
19740082652	Terminal equipment definition study to develop an improved airborne command terminal	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082653	Fibers from aromatic polyamides	1973
19740082654	F-111 munitions compatibility flight test program (Seek Eagle), Phase 1	1973
19740082656	Compatibility test of C-130A/A32H-4A cargo-handling system with skid-mounted bare base shelters	1973
19740082657	The effect of grinding on the low-cycle fatigue behavior of 5086-H116 and 5456-H117 aluminum alloy weldments	1973
19740082658	Antenna and instrument supports investigations (Weston Brake Device)	1973
19740082659	Concept of operations for simulation within the Tactical Air Control System (TACS)	1973
19740082660	Electronic message display units	1973
19740082661	TMDE task 06 systems concepts and architecture. MAID TECH study: Secondary-effect technique studies	1973
19740082662	Thermophysical properties of thermal energy storage materials, aluminum	1973
19740082663	Multilateration software development, phase 2	1973
19740082664	Small turbine engine analysis program FAN. Volume 1: Design	1973
19740082665	Vibration and temperature survey production OH-6A helicopter	1973
19740082666	An overview of research and development efforts in hypervelocity particle erosion	1973
19740082667	Low power D/A converter, Part 1	1973
19740082668	An in-flight investigation of the influence of flying qualities on precision weapons delivery	1973
19740082670	Mission analysis on Air Force base communications - 1985. Volume 1B: Highlights	1973
19740082671	Forward based surveillance systems study follow-on. Volume 1: An advanced boost phase tracking and prediction program LBPTS	1973
19740082672	High efficiency TRAPATT oscillators	1973
19740082673	Evaluation of AN/AVQ-19 laser rangefinder Airborne Laser Laboratory (ALL) Kirtland Air Force Base, New Mexico, 23-25 July 1973	1973
19740082674	Advanced inlet study (Tailor-Mate 2)	1973
19740082676	Effect of assembly strains on the properties and reliability of silicon devices	1973
19740082677	High purity glass for optical waveguides	1973
19740082679	Investigations on the influence of temperature and specimen geometry on the fracture toughness characteristics of TiAl6V4	1973
19740082680	Quarterly progress notes, 1 July - 30 September 1973	1973
19740082681	Calculation of the pressure distribution on a flat plate induced by a jet	1973
19740082682	Viterbi decoding of forward error correcting convolutional codes on satellite trunk links: A theoretical appraisal	1973
19740082683	Development of a 1-Watt, 6.0-GHZ, bipolar, microwave, power transistor	1973
19740082684	Report of test on igniter failure criteria LGM-30 first stage Minuteman motor	1973
19740082685	Investigations in support of high energy laser technology. Volume 1: Investigations of HF and DF pressure broadened vibration-rotation line widths. Volume 2: Investigations of molecular absorption line parameters for atmospheric constituents. volume 3: Optical gain in the Cs-Ar system	1973
19740082686	Surveillance evaluation of Air Force (6th) held Under Seat Rocket Motors Mk 51 Mod o (P/N MBEU 1850RU)	1973
19740082687	Evaluation of a new wide-aperture optical correlator	1973
19740082688	T-28 battery system investigation	1973
19740082689	Analysis of performance data for E-28 arresting system configured for installation requirements of Naval Air Station Keflavik	1973
19740082690	Manufacturing methods for production process for titanium sheet with controlled texture	1973
19740082691	Mutual aerodynamic interference effects for two axisymmetric bodies	1973
19740082692	Satellite navigation systems	1973
19740082705	Modularized fiber-optic-coupled laser arrays	1973
19740082709	Production assessment test reports on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1973
19740082713	Harpoon missile airframe - autopilot performance, stability and control evaluation simulation. Phase 1: Missile airframe dynamics	1973
19740082714	Parachute withdrawal line for the Mark A7 system engineering investigation	1973
19740082715	Certification test procedures for Automatic Carrier Landing System (ACLS)	1973
19740082716	Production engineering measure S-band 10-20 watt transistor	1973
19740082717	Evaluation of the helmet imaging and pointing system/electro-optical seeker combination	1973
19740082719	Combined EMP ionization environment current failure thresholds of a DIIC input network	1973
19740082722	Must generators break down ?	1973
19740082733	Flight simulation test report, S3-1 satellite	1973
19740082734	Magnetic survey test report, S3-1 satellite	1973
19740082735	On the parallel conductance of MIS structures	1973
19740082737	Flight test evaluation and calibration of aims airborne ATRBS equipment for the series A-3B airplane	1973
19740082739	Visual target acquisition/attack	1973
19740082740	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped, 1 - 2 watts	1973
19740082741	Analysis and reliability review of Navy distillate fuel pumps	1973
19740082742	Advanced slit detectors for star sensors	1973
19740082743	Atmospheric propagation in the middle-infrared and at 8-14 micrometers	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082744	A review of Radioisotope Thermoelectric Generator (RTG) technology	1973
19740082746	Model 787, type TTE-K-1200 thermocouple signal conditioner and power supply submitted by ITT Barton Corporation Process Instruments and Controls, Monterey Park, Calif.	1973
19740082747	Development of the BB-520()/U nickel-cadmium battery for hybrid applications	1973
19740082751	Photomultiplier tube for efficient infrared detection	1973
19740082752	Upgraded techniques and circuits for optical signals (TACOS)	1973
19740082755	Complementary MOS RAM fuse electronics	1973
19740082759	Multipactor switching for digital tuning of magnetrons	1973
19740082760	Study of pyroelectric thermal imaging camera tube	1973
19740082762	High Mach turbopropulsion combustor technology 1 (U)	1973
19740082763	Quarterly compilation of abstracts on completed Test Experimental, and Development (TED) projects (U)	1973
19740082765	Particle erosion characteristics of carbon-carbon advanced heat shield materials (U)	1973
19740082766	Fleet validation of the UH-1N aircraft personnel planning data (U)	1973
19740082769	Performance of testing services on high explosive devices and the reduction of accumulated data (U)	1973
19740082770	The 2175 program: An Electronic Support Measures (ESM) and Direction Finding (DF) system for ships (U)	1973
19740082771	WLR-11 and DPTS/A (Digital Pulse Train Sorter/Analyzer) (U)	1973
19740082772	Improved ADAS, AN/ASQ-154 (XA-2) (U)	1973
19740082773	Evaluation of flir and ATV for the helicopter sensor development program (U)	1973
19740082777	Laser designators for high-accuracy missiles (U)	1973
19740082779	Elastic stress wave propagation through a missile structure as related to impact fuzing (U)	1973
19740082780	Radar cross-section measurements of scale model of F-8D aircraft (U)	1973
19740082781	Scan Tailored Antenna/Radome (STAR) (U)	1973
19740082782	Performance implications of various degrees of automation in surveillance systems (U)	1973
19740082783	Development and delivery of wafer diode image tubes (U)	1973
19740082784	Development and delivery of wafer diode image tubes (U)	1973
19740082790	Irradiation effects on reactor structural materials	1973
19740082791	Compatibility test of the SUU-25C/A Dispenser on the centerline MER of the F-4E (SEEK EAGLE)	1973
19740082792	Calibration and readout of spherical magnetic thin films using the Schonstedt SSM-1 spinning sample magnetometer system	1973
19740082793	UKAEA evaluation of displacement damage models for iron	1973
19740082794	Creep rupture and creep behavior of the alloy Inconel 625 in three different pretreatment states	1973
19740082796	Critical observations on the determination of the material buckling B/sub m/2	1973
19740082797	Chemistry and Materials Science Division	1973
19740082798	Applied Science Division	1973
19740082800	Proceedings of the Symposium on Spread Spectrum Communications, 1973 Volume 1	1973
19740082805	The spinning of polyacrylonitrile fibres in clean room conditions for the production of carbon fibres	1973
19740082807	The Prospero satellite - First year in orbit	1973
19740082808	Composite reinforced propellant tanks	1973
19740082818	Radio frequency interference measurement experiment for ATS-F	1973
19740082827	Silicon semiconductor elements as sensors for low temperature measurements	1973
19740082828	Qualification test report fitting, initiation, three way	1973
19740082829	Qualification test report, disconnect no. 1 CDF stack, disconnect no. 2 CDF stack	1973
19740082834	Air stabilizers mark 24 mod 2 special surveillance summary	1973
19740082835	Complex chalcogenides as antiseize additives	1973
19740082836	BRL participation in operation PCA 69	1973
19740082838	Department of Defense space transportation system mission planning and software requirements study. Volume 1: Study summary	1973
19740082839	Department of Defense space transportation system mission planning and software requirements study. Volume 8: Software control board support	1973
19740082840	Thyristor battery charger for ships	1973
19740082843	High altitude plume rarefaction study	1973
19740082844	Engagement logic and systems specification and validation	1973
19740082845	Test results report and development technology report, HLH/ATC drive system aft rotor shaft bearing test	1973
19740082848	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped, 1-2 watts	1973
19740082850	Remote detection of earth resources by satellites	1973
19740082851	First test of M-53 on the Caravelle	1973
19740082852	Reasons for the success of the 33d Squadron in the Royal Flush 17 competition	1973
19740082853	Operation Dominic - nuclear induced striation characteristics of fishbowl magnetic conjugate aurora	1973
19740082855	Production assessment test report on semiconductor device, rectifier bridge, silicon, diffused, plastic	1973
19740082856	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19740082857	Performance evaluation of SH-3 helicopter systems with T58-10, and growth T58 engines	1973
19740082858	Flight simulation and system test S3-2 satellite	1973
19740082870	Broadband, high power VHF crossed field amplifier (U)	1973
19740082871	Close Air Support System (CLASS) weapon delivery filter evaluation and profile variation study (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082872	Development of HTPB propellants for air launched missiles (U)	1973
19740082873	GARLIC 3 and GARLIC 4 programs. Volume 1: Systems report (U)	1973
19740082875	Surface effect ship ASW study. Volume 3: Retrievable of expandable sound source with difar sonobuoy effectiveness analysis (U)	1973
19740082876	Tactical Helicopter Employment Study (THES). Volume 7: Annexes (U)	1973
19740082877	Tactical Helicopter Employment Study (THES). Volume 6: Annexes (U)	1973
19740082878	Tactical Helicopter Employment Study (THES). Volume 5: Annexes (U)	1973
19740082879	Tactical Helicopter Employment Study (THES). Volume 2: Appendixes (U)	1973
19740082880	Flight test of the laser guided SUU-51 dispenser (U)	1973
19740082882	Engineering development of the SUU-51B/B dispenser-summary report (U)	1973
19740082883	An experimental semiautomatic (SAJAC) decider (U)	1973
19740082885	Development test 2 (DT 2) (engineering phase)/DT 3 of advanced general purpose interrogator AN/TPX-46 (V) (U)	1973
19740082886	Deficiencies of Tactical Digital Information Links (TADIL-A and-B) (U)	1973
19740082887	Rivet Redskin OT and E. Annexes F and G (U)	1973
19740082888	Alerting long-range airborne radar for MTI (ALARM) display evaluation effort (U)	1973
19740082890	LAMPS (Light Airborne Multi-Purpose System) destroyer/helicopter system (U)	1973
19740082891	Effect of depressed sound channels on the selection of optimum hydrophone depths (U)	1973
19740082892	Some proposed ramjet concepts for missiles (U)	1973
19740082893	Evaluation of laser coding in PAVE SPIKE (U)	1973
19740082894	Altitude performance of the F101-GE-100 turbofan engine (engine S/N 470005/1 (U)	1973
19740082895	The effect of mission radius on ASW patrol aircraft (VP) configurations (post 1980). Volume 1: Mission analysis (U)	1973
19740082899	GaAs laser covertness study (U)	1973
19740082902	Improved electromagnetic compatibility (EMC) analyses. Volume 2: Review of C-E materiel development (task 2) (U)	1973
19740082904	Development of semi-transparent photocathode materials (U)	1973
19740082906	Testing of radars to determine characteristics for swimmer defense program (U)	1973
19740082910	Development of semi-transparent photocathode materials (U)	1973
19740082911	Mobile Assault Bridge (MAB) radar imagery analysis (U)	1973
19740082913	Surface effect ship ASW study. Volume 1: Long range dip sonar system effectiveness analysis (U)	1973
19740082916	Conduct an operational appraisal of the AV-8A aircraft (U)	1973
19740082917	A-7D AIMS project (U)	1973
19740082918	Evaluation of AN/PPS-15 surveillance radar (U)	1973
19740082919	GG1300AD01 laser gyro (U)	1973
19740082922	OT and E of the F-111D and MK 2 avionics (U)	1973
19740082923	Chemical laser diffuser study (U)	1973
19740082926	III-V photocathode development (U)	1973
19740082937	REMBASS radar sensor design (U)	1973
19740082940	T/CAE 440-2 Advanced Turbine Engine Gas Generator (ATEGG) (U)	1973
19740082941	Modular, inflatable and other prefabricated structures (U)	1973
19740082943	Conduct a development assist on condor (AGM-53A) missile system (U)	1973
19740082947	Radar cross section reduction of expendable rotor blades (U)	1973
19740082949	Conduct a concurrent evaluation of the AN/SPS-48A ATD system (U)	1973
19740082951	TSQ-51 versus TSQ-73 cost effectiveness study (U)	1973
19740082952	USAMICOM infrared reticle seeker (U)	1973
19740082953	Manufacturing methods for energetic plasticizer process (U)	1973
19740082955	AN/PPS-15, personnel surveillance radar development test and evaluation (U)	1973
19740082956	Doppler only navigation using the Timation 2 satellite (U)	1973
19740082958	Evaluation of the Honeywell TV-FLIR (U)	1973
19740082964	Modified ADAS, AN/ASQ-154 (XA-1) (U)	1973
19740082965	Title is classified	1973
19740082966	Aircraft structural fatigue life program (U)	1973
19740082967	Operational test and evaluation of the F-3D/Mk 2, phase 1F (air-to-air) (U)	1973
19740082971	Operational test and evaluation of the F-3D/Mk phase 1B (F-3D level bombing) (U)	1973
19740082972	The regeneration of surface waves by wind in interactions with internal gravity waves (U)	1973
19740082973	Report of an Informal Seminar on Rainout-Washout Phenomena and the Air Military Implications: Proceedings of an informal seminar (U)	1973
19740082976	Analysis of towed array self-noise using finite element techniques (U)	1973
19740082980	Results of an experimental test conducted in September 1972 to determine aerodynamic force and moment characteristics of an 0.18-scale model of the improved Hawk missile including metric wing and elevon data as a function of roll orientation. Volume 1: Discussion and plotted data	1973
19740082982	Results of an experimental test conducted in May 1973 to determine the aerodynamic characteristics of an 0.18-scale model of the improved Hawk missile. Volume 2: Tabulated Elevon data (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082984	Results of an experimental test conducted in November 1972 to determine aerodynamic force and moment characteristics of a four-inch gap-wing configuration of a 0.18-scale model of the improved Hawk missile including metric wing and elevon data. Volume 2: Tabulated data	1973
19740082985	Results of an experimental test conducted in April 1973 to determine the aerodynamic characteristics of several alternate configurations of the improved Hawk missile. Volume 3: Tabulated six-component and elevon data for the alternate configurations	1973
19740082986	Results of an experimental test conducted in May 1973 to determine the aerodynamic characteristics of an 0.18-scale model of the improved Hawk missile. Volume 1: Tabulated six-component data (U)	1973
19740082987	Results of an experimental test conducted in April 1973 to determine the aerodynamic characteristics of several alternate configurations of the improved Hawk missile. Volume 2: Tabulated elevon data for the baseline configuration (U)	1973
19740082988	Results of an experimental test conducted in April 1973 to determine the aerodynamic characteristics of several alternate configurations of the improved Hawk missile. Volume 1: Tabulated six-component main balance data for the baseline configurations	1973
19740082989	Results of an experimental test conducted in November 1972 to Determine aerodynamic force and moment characteristics of a four-inch gap-wing configuration of a 0.18-scale model of the improved Hawk missile including metric wing and elevon data. Volume 1: Discussionn and plotted data	1973
19740082990	Results of an experimental test conducted in September 1972 to determine aerodynamic force and moment characteristics of an 0.18-scale model of the improved Hawk missile including metric wing and elevon data as a function of roll orientation. Volume 2: Tabulated data	1973
19740082994	Ground-air performance analysis of thermal-imaging systems (PAX-1) (U)	1973
19740082998	Optimization of the GE12 demonstrator engine IR suppressor (U)	1973
19740083001	A brief 50 year summary of over the horizon H. F. radar effort of the Naval Research Laboratory (U)	1973
19740083006	Title is classified	1973
19740083017	Microwave radiometry for ship detection (U)	1973
19740083038	Systems implications of IR modeling (U)	1973
19740083040	Combat sage: PACAF weapon system evaluation on program (U)	1973
19740083049	Conduct an operational evaluation on the NATO Seasparrow Surface Missile System, NSSMS (U)	1973
19740083052	Advanced digital signal processor design study. Volume 1: Design studies (U)	1973
19740083053	Visual Radiation Sources (VRS), volume 1 (U)	1973
19740083056	Low band dual mode TWT development program (U)	1973
19740083059	Rivet haste, phase 2 (U)	1973
19740083060	Scanning satellites: An approach to survivable, jam-resistant communications for strategic command and control (U)	1973
19740083071	Land navigational system unintentional radiation tests (U)	1973
19740083074	High power CO laser (U)	1973
19740083082	Laser radar countermeasures program (U)	1973
19740083089	OT/E of MPS-T1 (U)	1973
19740083090	Operational test and evaluation of beacon-aided radar offset bombing (U)	1973
19740083092	B-52/SRAM OT and E final report digest (U)	1973
19740083095	Time-Difference-of-Arrival (TDOA) sorting techniques study (U)	1973
19740083116	Long Endurance Recording System (LERS) (U)	1973
19740083122	Seek Bat (U)	1973
19740083127	The swept comb: A proposed improvement in swept audio jamming (U)	1973
19740083128	IOT and E Shrike AGM-45A target simulator (U)	1973
19740083129	Electron beam PN-Junction amplifier (U)	1973
19740083138	Feasibility study of a millimeter-wavelength LPI radar system (U)	1973
19740083154	Psychoacoustic voice jamming techniques (U)	1973
19740083157	Rocket plume radiation interpretation and simulation (U)	1973
19740083161	TRISAT countermeasures study (U)	1973
19740083168	A six degrees of freedom simulation and analysis of the modular guided glide bomb (U)	1973
19740083178	Target acquisition for tactical nuclear operations. Volume 2: Survey of target acquisition (U)	1973
19740083202	RAT SCAT radar cross section measurements of rotor blades (U)	1973
19740083205	Laser range finder countermeasures technique (U)	1973
19740083215	ATMAC G/A/G HF/VHF digital data link, preliminary design and test effort. Volume 4: Appendices F and G (U)	1973
19740083219	Advanced aircraft tactics (U)	1973
19740083226	TAC theater introduction and initial combat evaluation plan 179 AAD-5, Pave onyx V AAD-5 (U)	1973
19740083228	Instructions for using the sets program	1973
19740083229	Oxide fuel element development	1973
19740083230	High-temperature structural design methods for LMFBR components	1973
19740083231	Small angle electronic scan antenna (U)	1973
19740083238	Free-flight investigation of the aerodynamic characteristics of the Small Evader Vehicle (SEV) (U)	1973
19740083240	Conduct an operational appraisal of the SH-3H weapons system (U)	1973
19740083242	Conduct initial operational test and evaluation of the S-3A weapons system, phase 2 (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740083250	Low-speed wind tunnel tests in ground effect of a 3/4 scale powered fighter model with 45 deg swept wings (U)	1973
19740083252	Fabrication and Testing of Elastic Loop Roving Vehicle Models	1973
19740083255	The stability of motion of satellites with cavities partially filled with liquid	1973
19740083257	Fracture mechanics properties of three 8 foot HTST tank field materials	1973
19740083258	Microbiological performance testing on the water management subsystem for a four man space capsule	1973
19740083260	Quarterly Status Report, 1 October - 31 December 1973	1973
19740083261	High subsonic flow past a steady two-dimensional aerofoil	1973
19740083262	Stress corrosion of titanium alloys by Viton B	1973
19740083263	A two-dimensional aerofoil oscillating at low frequencies in high subsonic flow	1973
19740083266	Japan: Nuclear, Missile, Space, and defense developments, no. 185	1973
19740083267	An aeroelastic model helicopter rotor	1973
19740083269	Methodology for the evaluation of intercity and intraurban V/STOL transportation systems. Volume 1: Summary of the INTRASIM model and sample study	1973
19740083270	Methodology for the evaluation of intercity and intraurban V-STOL transportation systems. Volume 2: Description of INTRASIM 2 methodology	1973
19740083271	Methodology for the evaluation of intercity and intraurban V/STOL transportation systems. Volume 3: INTRASIM 2 user's manual	1973
19740083285	Steady state interaction between radiation and matter in stellar atmospheres	1973
19740083286	Effects of an externally mounted canopy on the aerodynamic characteristics of a four-engine transport airplane model at Mach numbers from 0.5 to 0.95	1973
19740083287	Static aerodynamic characteristics of a 0.036-scale model of the B-1 airplane at angles of attack from minus 5 deg to 90 deg for a Mach number of 0.23	1973
19740083288	Experimental aerodynamic characteristics of low-aspect ratio swept and oblique wings at Mach numbers between 0.6 and 1.4	1973
19740083292	Evaluation of a five-hole hemispherical yawmeter probe at Mach numbers from 0.3 to 0.7	1973
19740083297	Spectroscopic observations of the planets	1973
19740083298	Research on compressible unsteady potential aerodynamic flow around lifting bodies having arbitrary shapes and motions	1973
19740083299	Spectroscopic observations of the planets	1973
19740083301	Operation of the Haleakala Lunar Ranging Observatory	1973
19740083303	Progress report	1973
19740083306	Fiber/epoxy filament wound vessel	1973
19740083307	Small, high pressure oxygen turbopump	1973
19740083321	An improved turbine engine infrared signature predicted model	1973
19740083324	The mix and match interim way to variable cyclery	1973
19740083325	Variable geometry engine interaction with fighter aircraft design	1973
19740083326	Characteristics of a multimode integrated propulsion system	1973
19740083335	Developments in Navy RDT and E program on welding thick alloy titanium	1973
19740083339	Qualification test report, disconnect no. 1 and 2 CDF stack explosive disconnect, interstage and equipment section	1973
19740083341	Department of Defense space transportation system mission planning and software requirements study. Volume 3: Geosynchronous equatorial payload replacement mission 17 AB	1973
19740083342	A study of the feasibility of acoustic imaging of improving explosive devices	1973
19740083343	The influence of diffraction and transmission on wide aperture array/baffle design	1973
19740083344	Wetting properties of alternate barrier films	1973
19740083345	Machine for Information Display And Simulation (MIDAS)	1973
19740083346	Operational electromagnetic compatibility educational material for the US Army Communications-Electronics Engineering Installation agency	1973
19740083347	System cost reliability of the AN/AAS-18 and AN/AAD-5 infrared systems	1973
19740083348	AFAR program, volume 1	1973
19740083349	Processing photographic data	1973
19740083350	Manufacturing methods of an isothermal extrusion process to produce 20-foot complex sections	1973
19740083351	Production engineering measure for improved reliability of subminiature metallized polycarbonate capacitors	1973
19740083353	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1973
19740083355	Production assessment test reports on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1973
19740083363	Calculation of inductive plasma accelerators with electromagnetic standing waves and continuous power supply	1973
19740083364	High contrast liquids crystal display using polarization effects	1973
19740083365	Experiments on band groove rolling in the DEFA projectile	1973
19740083372	Wideband coherent communication at VLF with the Experimental Transmitting Antenna Modulator (ETAM)	1973
19740083375	Field enhanced photo-emission in the infrared	1973
19740083376	Photomultiplier tube for efficient infrared detection	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740083377	Results of the maneuvering and control studies conducted for the Arctic surface effect vehicle program	1973
19740083378	Laser digest, fall 1973	1973
19740083379	Aerodynamic reactive flow studies of the H2/F2 laser, 2	1973
19740083380	Structural analysis status report, 5-inch guided projectile	1973
19740083381	Monitored line semiconductor and microelectronic devices, general specification for	1973
19740083384	Simulated altitude performance of Mark II reentry vehicle spin and pitch motors having ages from 95 to 122 months	1973
19740083385	Analysis for the determination of significant characteristics of runway roughness	1973
19740083386	Research and Experimental Institute for Air and Space Travel	1973
19740083387	Qualification test report. Addendum 1: Sleeve (P/N 2721805) arming and fusing antenna	1973
19740083392	Plasma-parameter measurements in transverse hollow-cathode discharges	1973
19740083393	Studies of field assisted photocathodes for 1 to 2 microns	1973
19740083394	Propellant dispersion safety program	1973
19740083399	Shore base test results and evaluation of helicopter hauldown and securing systems	1973
19740083400	An investigation of model scaling effects at Mach numbers from 0.60 to 1.40	1973
19740083401	Position location reporting system	1973
19740083402	Further advances in laser technology: Examples for laser-guided weapons in the West	1973
19740083403	Surveillance, navigation, and collision avoidance radar for high-speed ships and craft	1973
19740083405	Tactical Helicopter Employment Study (THES). Volume 4: Annexes (U)	1973
19740083407	Title is classified	1973
19740083408	Conceptual design study for a Remote Control Air Strike Vehicle (RCASV) (U)	1973
19740083412	OT/E of the AN/TSQ-96 all weather bombing system (U)	1973
19740083414	Engineering design and testing for a target sensor for the component investigation task (U)	1973
19740083417	Initialization and launch requirements study for long range air-to-air missile (AWAAM) (U)	1973
19740083418	Active optical air target detection device (U)	1973
19740083421	CV/SCS SH-3 () ASW helicopter improvement analysis (U)	1973
19740083425	GE12 1500-SHP demonstrator engine emissions study (U)	1973
19740083426	High temperature turbine program. Phase 1 technology development (U)	1973
19740083427	Passive millimeter-wave radiometry and some possible applications (U)	1973
19740083428	Feasibility study of a Slewed-Launch Interdiction Missile (SLIM) (U)	1973
19740083429	Assessment for supersonic airbreathing missile propulsion technology (U)	1973
19740083432	A wind tunnel test of a 0.06-scale B-1 model at Mach numbers from 0.60 to 1.60, phase 4 (U)	1973
19740083434	Phoenix F-14 armament system. System Engineering Analysis (SEA) report. Volume 8, part 4: Verification (U)	1973
19740083435	Tactical Helicopter Employment Study (THES). Volume 1. Main report (U)	1973
19740083440	Evaluation of the Perkin-Elmer day/night real-time reconnaissance system, September-October 1973 (U)	1973
19740083441	Evaluation of laser coding in pave spike (U)	1973
19740083442	T/CAE 440-2 Advanced Turbine Engine Gas Generator (ATEGG) columbium second stage turbine inlet nozzle assembly materials research and development (U)	1973
19740083443	Armored structural helicopter fuselage study. Appendix. Ballistic test data (U)	1973
19740083445	Government lot acceptance testing of AIM-7E-2 lots lots 1 and 2 (contract N00019-72-C-0471) (U)	1973
19740083448	Production engineering measure for PbSe photodetector array (U)	1973
19740083455	Active low light level television flight test program (U)	1973
19740083461	Adaptive array flight test definition study (U)	1973
19740083463	Ocean wave phenomena. Part 2: Calculations of sea-surface radar backscatter (U)	1973
19740083465	Production monitoring test of the KMU-353A/B kit (U)	1973
19740083468	Carborane burning rate catalysts (U)	1973
19740083476	Phoenix missile high altitude performance study (U)	1973
19740083483	LAMPS MK-3 production program financial plan (U)	1973
19740083490	Tactical hot gas secondary injection TVC (U)	1973
19740083496	HELNAVS support of MYSTIC MISSION (U)	1973
19740083498	Under keel missile technology, exploder tests (U)	1973
19740083505	Radar detector-personnel and vehicles (RADPAVE) (U)	1973
19740083508	Airborne MTI techniques for foliage penetration (U)	1973
19740083512	Smokeless composite propellants (U)	1973
19740083518	Relative directivity index and corrected relative directivity index for dipole, cardioid, and hypercardioid hydrophone configurations (U)	1973
19740083520	High temperature phase change materials development program. Phase 2: Performance of comparative tests on selected insulative materials for military needs (U)	1973
19740083521	AFCRL short arc and simultaneous point positioning survey recovery with Continuous Integrated Doppler (CID) (U)	1973
19740083527	Passive air-to-air ranging-signal processing (U)	1973
19740083528	Facility response predictions. A pre-test prediction of the Polk City, Florida, autovon switch center (U)	1973
19740083547	Evaluation of the AN/ALQ-126 installations in the A-6A/E airplanes (U)	1973
19740083551	Conduct a concurrent evaluation of the AN/SPS-48A ATD radar system (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740083554	Strategic aircraft utility for the spectrum of warfare as seen in studies and reports (U)	1973
19740083570	An octave bandwidth S-band power amplifier, phase 2A (U)	1973
19740083576	Evaluation of the AN/ALQ-126 installations in the F-4B/J airplanes (U)	1973
19740083580	Indirect-fire weapons location. Volume 4: Systems (U)	1973
19740083581	Indirect-fire weapons location. Volume 3: Technology (U)	1973
19740083582	Indirect-Fire weapons location. Volume 2: Status (U)	1973
19740083583	Cost effectiveness analysis of a remote control air strike vehicle (U)	1973
19740083588	Defense navigation satellite system study (U)	1973
19740083593	Active ECM problems relating to Pride equipped aircraft (U)	1973
19740083610	Study of tactical missile guidance: Accuracy limitations, volume 2 (U)	1973
19740083611	Digital spectrum selection and processing for TRISAT learn algorithm (U)	1973
19740083622	Simple High Accuracy Guidance (SHAG) analyses (U)	1973
19740083624	Technology applications panel report. Volume 1. Executive summary (U)	1973
19740083628	Summary report of the 1973 Jason Summer study (U)	1973
19740083648	Advanced location strike system (U)	1973
19740083654	Laser radar countermeasures study (U)	1973
19740083655	Signal detection characteristics and reliability of a digital Fourier receiver (U)	1973
19740083656	Lightweight laser countermeasure system (U)	1973
19740083657	Aircraft defense missile system study (U)	1973
19740083658	Imagery/bandwidth compression RPV study (U)	1973
19740083665	Development of QRC-542 special communications device (U)	1973
19740083670	Optimal adjustment of the ion source with gas mass spectrometers	1973
19740083672	Solid propellant binders	1973
19740083673	Computer programs for determining the probability of detection for OTH-B radars	1973
19740083676	Low-radar-cross-section OH-6A main rotor blade	1973
19740083677	Basic information on holography	1973
19740083679	Engineering test of prefabricated aluminum landing mat (heavy duty)	1973
19740083683	SERL Technical Journal, volume 23, no. 2	1973
19740083693	Project COLD CAN, summary: Variations in stratospheric composition measured from a high flying aircraft	1973
19740083694	The photometric determination of molybdenum in steel	1973
19740083697	Meteorological observations in Canada	1973
19740083698	Pressure measurement of windward surface of two nonconical wings	1973
19740083701	Check test of training equipment for Dragon XM47, medium antitank/assault weapon system	1973
19740083702	Radiation and thermally hardened switching materials	1973
19740083705	Department of Defense space transportation system mission planning and software requirements study. Volume 7: On-board software evaluation	1973
19740083706	Department of Defense space transportation system mission planning and software requirements study. Volume 10: Requirements, concepts, and development plan an STS mission planning computer program	1973
19740083708	The effect of thermally-stimulated sound waves on plastic deformation	1973
19740083709	Transonic stability for spin-stabilized projectiles, especially for the FH70	1973
19740083710	Evaluation of the accuracy of gravimetric maps with isoline representation	1973
19740083711	Advanced digital signal processor design study. Volume 2: Design concept	1973
19740083712	The development and preparation of high brightness rare earth-activated phosphors	1973
19740083713	Molecular beam epitaxy (CVD Research project)	1973
19740083718	Development of electro-optical distance measuring devices	1973
19740083719	Application of acoustic surface wave devices to low probability of intercept communications	1973
19740083720	Surveillance of igniter cartridge Mark 146 mod 0	1973
19740083723	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1973
19740083727	Non-tipoff tube launcher flight test program	1973
19740083729	Improvements for projectile and missile tracers	1973
19740083734	Naval Ordnance Systems Command pyrotechnic items status report	1973
19740083735	A cost effectiveness approach for aircrew training with laser guided tactical weapons	1973
19740083736	Arctic surface effect vehicle program. Volume 5: Task 2.1.4 maneuvering and control	1973
19740083737	Arctic surface effect vehicle program. Volume 9: Task 2.1.10(A) surface traction systems	1973
19740083738	Arctic surface effect vehicle program. Volume 10: Task 2.3 model test	1973
19740083739	Arctic surface effect vehicle. Volume 10, appendix: Task 2.3 model test	1973
19740083740	Superplasticity: Can we expect a revolution in metallurgy	1973
19740083741	SNECMA's victory over pollution	1973
19740083744	The year 1971 in space	1973
19740083745	News briefs	1973
19740083746	Average equations of plasma laser heating with recovery of fusion energy, taking into account the fronts of thermal shock waves	1973
19740083747	Technical applications of magnetohydrodynamics	1973
19740083748	Investigation of generation and propagation of intense radiation	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740083749	Calculation of gravimetric deflections of the vertical in the zero approximation for the Western Alps region	1973
19740083752	Pilot's fire control night vision system (U)	1973
19740083753	DAT 2: Monopulse detection and tracking technique investigation (U)	1973
19740083755	Quarterly compilation of abstracts on completed Tests, Experimental, and Development (TED) projects (U)	1973
19740083760	Propulsion review. Part 4: Airbreathing, hybrid, and liquid propulsion research and development (U)	1973
19740083761	Flight test analysis of the laser-guided rocket dispenser munition gbu-1/b. Volume 2: Summarized results and appendixes (U)	1973
19740083762	Flight test analysis of the laser-guided rocket dispenser munition GBU-1/b. Volume 1: Analysis of individual releases (U)	1973
19740083763	Test set: Electronic component assembly AN/DSM-95 operation and service manual (U)	1973
19740083766	Thermal imaging program of the US Navy. A report of the Third Tri-Service Meeting on Thermal Imaging Systems (U)	1973
19740083767	Space-array applications, preliminary study (U)	1973
19740083769	Variable camber wing, phase 1 (U)	1973
19740083770	Surveillance receiver detection of LO radiation from a DF interferometer (U)	1973
19740083778	Tactical airborne surveillance (TAOS) sensor requirements study (U)	1973
19740083781	Rockets: New requirements and new system approaches (U)	1973
19740083782	Thermally unstable polymers (U)	1973
19740083786	Fleet Information Storage And Retrieval (FISAR). Volume 1: Summary and classified topics (U)	1973
19740083787	A bibliography of reports for the Navy Nuclear Weapons Effects (NWE) program, fiscal year 1973 (U)	1973
19740083788	Replacement of benzene-denatured alcohol in nitrocellulose-based propellant processing (U)	1973
19740083792	An experimental investigation to determine the aerodynamic characteristics of a Whitcomb supercritical airfoil (U)	1973
19740083795	World Wide Qualifide (WWQ) KMU-353/MK 84 Electro-Optical Guided Bomb (EOGB) (U)	1973
19740083796	Manufacturing methods and technology: 8 to 14-micron (Hg, Cd) Te array modules (U)	1973
19740083797	Investigation of precompression devices for downward turning inlets (U)	1973
19740083800	Techniques and aids for manual LORAN targeting (U)	1973
19740083805	FIXWEX program plan F4 74 - FY 78 (U)	1973
19740083808	Laser guided dispenser munition (U)	1973
19740083809	Hydrogenfluoride laser technology studies. Volume 4: Power efficiency, pressure recovery, and beam quality data (U)	1973
19740083810	Thermally stable explosives (U)	1973
19740083811	Stability of CMES/CMPS mixture in high rate composite propellants (U)	1973
19740083812	Integral rocket-ramjet component evaluation test program. Part 1: Component development and initial freejet tests (U)	1973
19740083813	Low cost launch and leave precision bombing systems (U)	1973
19740083815	Compatibility test of the MK 84 laser guided bomb on the wing pylons of the F-4C/D aircraft at supersonic speeds (Seek Eagle) (U)	1973
19740083823	Development of low level, compact, traveling-wave tube amplifier (U)	1973
19740083834	Tactical Helicopter Employment Study (THES). Volume 3. Appendixes (U)	1973
19740083835	Tactical Helicopter Employment Study (THES). Volume 8. Annexes (U)	1973
19740083845	Indirect-fire weapons location. Volume 1: Operational requirements and restraints (U)	1973
19740083848	Land combat missile and rocket systems camouflage technology (MARCAM) program (U)	1973
19740083860	Phoenix F-14 armament system. System Engineering Analysis (SEA) report. Volume 8, Part 4: Verification. Supplement: AWG-9 and AIM-54A ECCM performance (U)	1973
19740083866	Indirect fire weapons location, workshop report, 13-15 September 1973 (U)	1973
19740083878	High energy pulsed laser (U)	1973
19740083879	Thumper high power laser (U)	1973
19740083884	Evaluation of the biomation 8100 digitizer	1973
19740083885	Fuels, materials, and control rod development programs	1973
19740083886	Failure of a bellows valve and valve body in a system for injecting H2/H2O into liquid sodium	1973
19740083887	Fuels, materials, and control rod development programs	1973
19740083888	Void in irradiated metals	1973
19740083890	Liquid Metal Engineering Center (LMEC)	1973
19740083892	Launch vehicle catalogs of tests and operations	1973
19740083893	Propulsive jet entrainment effects on blunt base bodies	1973
19740083894	Measurement program for high altitude aircraft tests. Volume 1: AVLOC Flight no. 9	1973
19740083895	The infrared absorption from 1.0 to 2.5 microns of CO2, CH4, and NH3	1973
19740083896	Hamilton's law applied to stationary and non-stationary motion of beams	1973
19740083898	Hamilton's law applied to non-stationary motion of plates	1973
19740083899	A simple computer interface for write-only parallel data transfers from the PDP-8/E	1973
19740083900	Thermal performance of multilayer insulation	1973
19740083901	A pictorial atlas of low latitude 5577 angstrom and 6300 angstrom airglow line emission	1973
19740083902	Basic research and data analysis for the national geodetic satellite program and for the earth and ocean physics application program	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740083903	Assembly of mosaic grating	1973
19740083910	Mariner Jupiter Saturn 1977 IRIS and radiometer/spacecraft compatibility study	1973
19740083913	The identification of military utilization of frequency bands above 10 GHz	1973
19740083921	Military applications of V/STOL aircraft, Volume 2	1973
19740083970	Evaluation of Minuteman accelerometer instrumentation	1973
19740083972	Summary of SMAWT aerodynamics	1973
19740083973	Category 2 evaluation of the C-5A auxiliary power unit and fuel subsystems. Addendum: Reverse flow aerial refueling	1973
19740083975	Investigation of KC-135 flight samples solidified in near-zero gravity	1973
19740083976	Feed-thru filter failures	1973
19740083977	Production assessment test report on capacitor, fixed, ceramic, molded, lead mount, contractor Hi-Rel	1973
19740083981	Growth of lithium tantalate	1973
19740083982	High resolution pattern transfer for S. A. W. devices	1973
19740083983	Indium phosphide reflection amplifiers	1973
19740083984	Characterisation of sub-micron semiconductor	1973
19740083985	Electrophoretic display research	1973
19740083986	GaAs laser for fibre optic communication systems	1973
19740083987	Microwave acoustic delay lines	1973
19740083988	Heterostructures in III-V compounds	1973
19740083989	Glow discharge electron guns for pulse ionisation of atmospheric pressure CO2 lasers	1973
19740083990	Low loss four port circulators for parametric amplifiers	1973
19740083991	Improvement of Nd yag laser resonator performance	1973
19740083992	Study of the feasibility of wideband monolithic crystal filters using lithium tantalate/lithium niobate	1973
19740083993	Research on shift registers for signal processing	1973
19740083994	Anomalous diffusion effects in planar technology	1973
19740083995	Research on pyroelectric ceramics for thermal imaging	1973
19740083998	Feasibility demonstration of the Forward Area Radar Acquisition and Designation System (FARADS) (U)	1973
19740084005	Dead reckoning requirements imposed on the patrol hydrofoil guided missile PHM by the harpoon missile (U)	1973
19740084007	Potential performance of the Phoenix and Sparrow missiles against high altitude, maneuvering targets (U)	1973
19740084018	Semitransparent III-V photocathode materials (U)	1973
19740084019	Development of third generation image tube technology (U)	1973
19740084021	The 3-5 photocathode development (U)	1973
19740084025	The OP-96D cost-estimating model for surface effect ships. Volume 2: Data base (U)	1973
19740084026	Captive flight experiment using a strapdown laser illuminated target seeker (U)	1973
19740084039	Initial production test of laser rangefinder, AN/VVG-1, for M551 Sheridan (U)	1973
19740084040	Production engineering measure for PbSe photodetector array (U)	1973
19740084044	Family of observation, Scout, and attack helicopters, phase 2 (SCAT 2). Volume 1, part 1: Executive summary (U)	1973
19740084062	Tactical Helicopter Employment Study (THES). Volume 1: Supplement 1 (U)	1973
19740084068	Modular guided glide bomb range extension system distance measuring equipment configuration (U)	1973
19740084086	Spread spectrum signal study 3 (wide track) (U)	1973
19740084108	Study of exploratory research and development program for shipboard surveillance radars (U)	1973
19740084122	Research on low-radar-cross section V/STOL propeller blade (U)	1973
19740084133	RPV air cushion landing system applications study (U)	1973
19740084138	Tri-lab war game supporting the third fleet passive/active project (U)	1973
19740084139	Development plan for advanced cladding alloys for LMFBR application	1973
19740084140	Metallographic examination of molybdenum coatings on tantalum	1973
19740084144	Estimating the noise covariances for use in Kalman filter: Innovation-deviation approach	1973
19740084146	Study of nonequilibrium turbulent wall flows by the statistical method	1973
19740084147	Special support for Saturn/Apollo Utilizing MTF	1973
19740084149	Analysis of microwave radiometer measurements of a water tank surface	1973
19740084150	Computer analysis of spacecraft antennas	1973
19740084151	Development of high temperature resistant Graphite fiber coupling agents	1973
19740084153	The hybrid implementation of Liapunov designed mode reference adaptive control system	1973
19740084154	Combustion of metals in oxygen. Phase 2: Bulk burning experiments	1973
19740084163	Study of purging and reorganization of the data base of the NASA Scientific and Technical Information Facility	1973
19740084164	Stream turbulence effects on the turbulent profile boundary layer in a compressor cascade	1973
19740084165	Numerical studies on hypersonic delta wings with detached shock waves	1973
19740084168	Black Arrow instrumentation systems	1973
19740084169	Pressure distributions at free stream Mach number equals 3.5 and 2.5 on two wings with curved leading edges, appendix	1973
19740084170	Pressure distributions at free stream Mach number equals 3.5 and 2.5 on two wings with curved leading edges	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084174	Systems Studies Division publications, 1973	1973
19740084183	Analysis of nonequilibrium radiative heating for a Venus entry probe	1973
19740084190	Impact resistance of hybrid composite fan blade materials	1973
19740084192	Development of polyphenylquinoxaline/graphite composite	1973
19740084198	NASA traineeship program in aeronautics	1973
19740084212	HM2 drag, heave reduction and instrumentation, Appendix 1	1973
19740084213	HM2 drag, heave reduction and instrumentation, Part 1	1973
19740084214	HM2 drag, heave reduction and instrumentation, Part 2	1973
19740084215	MH2 drag, heave reduction and instrumentation, Part 3	1973
19740084216	HM2 drag, heave reduction and instrumentation, Appendix 2	1973
19740084217	Application of the finite element method to studies of hydromagnetic stability. Part 1: The linear pinch	1973
19740084218	Monthly bulletin. Canadian upper air data, April 1973	1973
19740084220	An improved former design and filling technique for the cast double-base propellant K-round motor	1973
19740084222	Representation of the geometry of centrifugal impeller vanes by analytic surfaces	1973
19740084223	Quantitative data derived from morphographic classification	1973
19740084224	Millimeter wave conical scan radiometer flight tests	1973
19740084225	Capacitors, electrolytic, aluminum foil, axial lead, metal case, Mallory TT	1973
19740084226	The design, test and evaluation of shockless transonic airfoils	1973
19740084229	Radioactive temperature indicator development	1973
19740084230	Initial operational test and evaluation of the F-111D integrated display system engineering change proposals	1973
19740084231	Infrared filters for AN/VSS-3 searchlight	1973
19740084232	Single stage solid propellant research rocket (NAL-16H) development and flight test	1973
19740084233	Concerning the movement of a viscous gas	1973
19740084234	Flight test evaluation of miscellaneous equipment for the model HH-1H helicopter, revision A	1973
19740084235	Technical studies and interpretive support to the ARPA institutional research program	1973
19740084236	Exploratory development of the investigation of methods to process BBB, BBL and related polymers	1973
19740084237	O-band monolithic microwave integrated circuits	1973
19740084238	Materials for loads in microwave tubes	1973
19740084239	A study of the effectiveness of various power-control methods for the NATO Phase 2 SATCOM system	1973
19740084240	Stage A development of a Q-band pin switch	1973
19740084241	High-accuracy height determination of test targets with barometric altimetry and its application to 3D-radar calibration using Secondary Radar Mode C. Supplement 2: Technical manual for ARES DATCO equipment	1973
19740084245	X-band solid-state power amplifier	1973
19740084246	Operation instructions for charring materials ablation code	1973
19740084247	Lower bound theorem for Lebesgue norms	1973
19740084248	Transmission of focussed laser beams through the atmosphere	1973
19740084249	Calculation of the statistical distribution of the cloud factor for different parts of Europe	1973
19740084250	Monthly record. Meteorological observations in Canada, March 1973	1973
19740084251	Determination of Hitec E515 in aviation fuels by gel permeation chromatography. Part 2: Development of a rapid routine method	1973
19740084252	Cobra armament experiment	1973
19740084253	Annual report for 1972 of the Max Planck Institute for Plasma Physics, Munich-Garching	1973
19740084254	Monolithic millimetre microwave sources in GaAs	1973
19740084255	Radiative efficiency of flash tubes for pumping neodymium in glass laser rods	1973
19740084256	Room temperature GaAs laser	1973
19740084257	Growth of Cladosporium resinae, Aspergillus fumigatus and acremonium strictum on a solid medium containing kerosene	1973
19740084260	Higher strain graphites	1973
19740084261	Rare earth laser engineering program, part 1	1973
19740084262	Nonflammable fabrics, part 3	1973
19740084263	High temperature resistant elastomers or compliant polymers	1973
19740084264	High efficiency high power impatt diodes	1973
19740084265	Boron/aluminum compressor blades	1973
19740084267	Individual acceptance test, test report for connector assembly, electrical, cryogenic	1973
19740084274	Effects of polar cap absorption events on the Omega navigation system	1973
19740084275	The 1.06 micron sensor array for track and receive	1973
19740084281	Production engineering measure for S and C band injected beam crossed-field amplifiers employing ceramic mounted slow wave structure	1973
19740084283	Arctic surface effects vehicle program. Volume 11: Summary	1973
19740084284	Software design plan for the optical signatures code	1973
19740084286	Evaluation of the advanced crew escape and rescue capability (AERCAB) concept	1973
19740084287	Aerodynamic interference of wing-pylon body combinations at low subsonic speeds	1973
19740084288	Vertical directionality of bistatic reverberation in a constant sound-speed lake	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084289	Report on Geodetic work carried out in Poland from 1967 to 1971. Part 4: Gravimetry	1973
19740084290	Radiant heating of aerospace materials. Part 1: Analysis of materials concepts	1973
19740084291	USAF related issues in air traffic and navigation systems	1973
19740084297	Quality assurance briefs	1973
19740084298	Quality assurance briefs	1973
19740084300	Technology integration for close air support aircraft	1973
19740084301	Production assessment test report on semiconductor diode voltage reference, silicon, diffused, glass	1973
19740084302	Corrosion fatigue crack growth in aircraft structural materials	1973
19740084311	The preparation and investigation of phosphors suitable for use in solid state emitting devices	1973
19740084313	Aerodynamic analysis of MQM-74C target drones in captive flight on the DC-130A aircraft	1973
19740084314	The Alpha jet: An aircraft built to last twenty years	1973
19740084315	Temperature distribution in the induction heating of hollow cylinders at constant heat input and constant heat loss	1973
19740084316	Integrated low noise S-band microwave amplifiers	1973
19740084317	Solar videometer: An automatic solar flare identification and classification system	1973
19740084319	Investigation of a recoil cancellation technique for artillery weapons	1973
19740084320	NRA subsystem evaluation test report 4.3.3.12, clear text message processing	1973
19740084321	Location of shipboard topside interference sources by photomodulation	1973
19740084322	Measurement of transient time and related transistor characteristics	1973
19740084323	Electron beam tests of carbon stress gauges	1973
19740084324	On achieving satellite survivability by decoying and proliferation	1973
19740084325	Separation characteristics of the CTU-1/A, finned BLU-1C/B, and CBU-24 B/B stores from the A-7D aircraft at Mach numbers 0.42 to 1.05	1973
19740084328	High-speed electro-optic waveguide grating modulators	1973
19740084330	Receive transmit steerable null antenna processors	1973
19740084331	Static stability and control effectiveness of the Modular Guided Glide Bomb (MGGB) Mark 2 Munition at transonic speed	1973
19740084332	Fiber strengthened plastic containers	1973
19740084333	Studies for increasing the accuracy of gyrotheodolites	1973
19740084334	The generation of gigawatt and picosecond impulse trains with the aid of a mode-locking laser and its applications in examining the second order photoeffect	1973
19740084335	Aerodynamic design of ballistic rockets	1973
19740084336	Growing and synthesizing crystals under hydrothermal conditions	1973
19740084339	The 1971 Arctic trails of a 10-ton surface effect vehicle	1973
19740084342	Production assessment test report on capacitor, fixed ceramic, molded, lead mount, contractor, hi-rel	1973
19740084343	Prototype fabrication and testing of improved restraint system	1973
19740084344	Final report, February - October 1973	1973
19740084346	Qualification test report on the spin-despin rocket motor, Boeing P/N10-70421-1	1973
19740084347	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .25 - .5 watt	1973
19740084348	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19740084349	Composition optimization of Ti-6Al-2Cu-1Ta-0.8Mo based on economic considerations	1973
19740084350	TAC initial operational test and evaluation of the intermodal modular container	1973
19740084351	Production engineering measure for beam lead tantalum thin film capacitors	1973
19740084353	Surveillance evaluation of fleet-returned JATO rocket motors mark 23 mods 0 and 1 and igniter Mark 173 mod 1	1973
19740084354	Defense against low-flying aircraft using tube weapons and taking modern optical electronic fire control systems into consideration	1973
19740084357	Polarization of the airglow emission, lambda equals 6300 in an artificially heated ionosphere	1973
19740084358	CH-3/80H Mars class V modification verification and reliability test	1973
19740084359	Evaluation test of Torwico reactor	1973
19740084360	Evaluation test for reactor	1973
19740084361	Testing of the A-7D	1973
19740084363	Optimum corrosion protective finishing systems for aluminum alloys used in Naval aircraft	1973
19740084365	Flight test and evaluation of energy management display	1973
19740084366	Development of deicing methods for chalcogenide windows for reconnaissance and weapon delivery	1973
19740084367	Electromagnetic compatibility test report, programmer group, figure A 1201	1973
19740084368	Report on geodetic work carried out in Poland from 1957 to 1960. Part 4: Gravimetry	1973
19740084370	C-5A category 1 engineering flight test guidance subsystem test results. Volume 2. Multi-mode radar, addendum 1	1973
19740084371	A simulation model for Reliability Availability and Maintainability Analysis (RAMA) of amphibious assault landing craft, volume 2	1973
19740084372	Chemical and physical properties of lubricants, hydraulic fluids and related materials	1973
19740084374	The SMAWT program. Volume 4: Aerodynamics and analysis of flight test results	1973
19740084375	Strategic reentry technology program (STREET-A 3). Volume 3: Task 4.3.2 three-dimensional inviscid flow field analysis of aerodynamic trim	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084376	Strategic reentry technology program (STREET-A 3). Volume 4: Task 4.2.1 Relaminarization of turbulent boundary layers on reentry vehicle nosetips	1973
19740084377	Advanced metallic air vehicle structure program. Volume 1, part 2. Technical	1973
19740084378	Advanced metallic air vehicle structure program. Volume 2: Trade studies	1973
19740084379	Advanced composites design guide. Volume 1: Design, March 1971/January 1973	1973
19740084380	Advanced composites design guide. Volume 2: Analysis, March 1971 - January 1973	1973
19740084381	Advanced composites design guide. Volume 3: Manufacturing, March 1971 - January 1973	1973
19740084382	Advanced composites design guide. Volume 4. Materials, March 1971 - January 1973	1973
19740084383	Microwave radiometry applications study. Volume 1: Final report	1973
19740084384	Microwave radiometry applications study. Volume 2. Appendices	1973
19740084385	A procedure for computing optimum initial outfitting lists for Naval aviation material. Volume 2: User's guide	1973
19740084386	A procedure for computing optimum initial outfitting lists for Naval aviation material. Volume 3: Subroutine flow charts	1973
19740084387	A procedure for computing optimum initial outfitting lists for Naval aviation material. Volume 4: Program listing	1973
19740084389	SAM-D engineering development status. Volume 1: Narrative summary	1973
19740084390	Position location reporting system. Volume 2 PLRS Processing Subprogram (PPS) computer subprogram design document	1973
19740084391	Position location reporting system. A00X volume 3. Display System Subprogram (DDS) computer subprogram design document	1973
19740084393	Missile attitude measurement system study	1973
19740084394	An investigation of the effects of ripple current amplitude, waveform and frequency, and of ambient temperature upon the reliability of electrolytic capacitors	1973
19740084395	A storage element using a two layer dielectric MOST structure	1973
19740084396	Indium phosphide three level oscillators	1973
19740084397	Study of gallium arsenide field effect transistor for use at microwave frequencies	1973
19740084398	Gallium arsenide materials research and development	1973
19740084399	An investigation of materials suitable for a 10 micron photodetector	1973
19740084400	The vapour phase growth of 3-5 ternary alloys	1973
19740084401	Evaluation of methods to improve transmission survivability after loss of lubrication	1973
19740084404	Low power dissipation L.S.I. logic circuits	1973
19740084405	The performance of triple-channel frequency diversity radar systems. An investigation of the efficiency of different types of video recombinations in an interference environment	1973
19740084406	Monthly record, meteorological observations in Canada, April 1973	1973
19740084407	Addressing techniques for liquid crystal displays	1973
19740084412	Analytical and experimental investigations of ramjet missile systems. Volume 4: Aerodynamic tests and analyses (U)	1973
19740084413	Selected topics in solid fuel ramjet technology: Flame stabilization, fuel evaluation and boost-to-sustain transition - summary progress report (U)	1973
19740084425	Family of observation, scout, and attack helicopters, phase 2, SCAT 2. Volume 3, Appendix B: Carmonette modifications. Appendix C: Carmonette comparisons with CDEC 43.6 and global model results. Appendix D: Helicopter demand (U)	1973
19740084430	F-14 optimum flight modes. Volume 2: Classified supplement (U)	1973
19740084433	Family observation, scout, and attack helicopters, Phase 2 (SCAT 2). Volume 1: Part 1: Main report (U)	1973
19740084434	Family of observation, scout, and attack helicopter, Phase 2 (SCAT 2). Volume 4: Appendix E: DEGAS. Appendix F: EPIC. Appendix G: Cost data (U)	1973
19740084436	Advances in TOA-df (time of arrival-direction finding) techniques (U)	1973
19740084442	Antiship missile systems program (U)	1973
19740084448	Design an unattended magnetic loop recording system (U)	1973
19740084450	Maneuvering fighter configuration research study (U)	1973
19740084454	Hydrogen fluoride laser technology studies. Volume 3: CL-2B, diffuser design, and beam quality (U)	1973
19740084456	Evaluation of APAIR air ASW engagement model localization and attack phases (U)	1973
19740084457	Design, analysis and wind tunnel test results of an aerodynamic configuration of the Extended Range Vehicle (ERV) (U)	1973
19740084463	Investigation of a micro-fighter/airborne aircraft carrier concept, volume 1 (U)	1973
19740084465	Broadband semitransparent photocathode development (U)	1973
19740084468	Reconnaissance reference imagery processing and multiple reference imagery for scene matching area correlator (U)	1973
19740084471	Propulsion review. Part 4: Airbreathing and liquid propulsion research and development (U)	1973
19740084481	Infrared simulation of turbojet radiation (U)	1973
19740084485	Analytical study of convectively cooled, coated columbium alloy turbine blades (U)	1973
19740084489	PCDE propellants for ballistic missiles (U)	1973
19740084490	Applications for millimeter radars (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084496	Shock damage and residual mechanical properties in three-dimensional quartz phenolic composite material (U)	1973
19740084524	Research and applications involving fundamental properties of the ionosphere (U)	1973
19740084526	Thin hybrid RAM (U)	1973
19740084533	Experiments and models in prairie smoke (U)	1973
19740084547	Inertial guidance for bombs: A feasibility study (U)	1973
19740084556	Preliminary experiments in the application of the Ryle interferometer technique to clutter suppression (U)	1973
19740084557	Ground backscatter measurements (U)	1973
19740084579	Ferrite RAM, part 1 (U)	1973
19740084599	Coastal defense missile system simulation (U)	1973
19740084614	Design, construction, testing and evaluation of a zero gravity experiment: Spherical crystal	1973
19740084615	Dynamical and photometric investigation of cometary type 2 tails	1973
19740084616	A study of laser Doppler velocimeter atmospheric wind interrogation systems	1973
19740084618	Supplement to the final report (November 1973) of the Technology Applications Group, December 1973	1973
19740084619	Payload carrier simulator man/systems program integration, phase B, volume 3	1973
19740084621	Ion trajectories in a stigmatic Wien filter	1973
19740084676	Synthesis of improved polyphenylquinoxalines	1973
19740084695	Category 1/2 final test report for the model HH-1H helicopter, revision A	1973
19740084696	Construction and test of an experimental active reflector array	1973
19740084697	Initial production test of monitoring set, guided missile system training AN/TSQ-T3 CHAPARRAL	1973
19740084698	Production engineering measures for the PP-6075()/U thermoelectric power source	1973
19740084699	Design and development of inertial reference system components	1973
19740084700	Investigations into beam lead technology	1973
19740084701	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19740084705	International Laser Systems (ILS) laser simulator model NC-10-D	1973
19740084706	Production assessment test report on microelectronic circuits, NOC, circuits, gate, monolithic, circuits, flat pack	1973
19740084707	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19740084708	Development of solid state four channel timer	1973
19740084710	Analysis of Pershing AO-122 flight failure	1973
19740084714	Quality assurance briefs	1973
19740084717	Brassboard laser transmitter	1973
19740084718	Electronics development for high resolution eight inch, television display	1973
19740084719	ANSSR 3 flight qualification test program	1973
19740084721	Reliability verification test, P/N 11176597	1973
19740084722	Study of integrated thermionic circuits for aerospace application	1973
19740084724	Large-area plasma display panel	1973
19740084726	Some principles of gun; helicopter interaction	1973
19740084727	Symposium on Advancements in Instrumentation for civil engineering applications	1973
19740084728	The 3-5 transmission secondary electron multiplier studies	1973
19740084729	Test loading of the Tactical Information Processing and Interpretation (TIPI) system	1973
19740084730	Prototype seal studies	1973
19740084731	Gas containment in combustion driven chemical laser systems. Volume 2: Development of chemical absorbents	1973
19740084733	The VIEWS/ATE (vast ima effectiveness by workload simulation/automatic test equipment) simulation model	1973
19740084752	AIM-7F broadband radome analysis (U)	1973
19740084753	SMAL. Single mode alignment cains at-sea test results (U)	1973
19740084754	Analysis of countersurveillance concepts proposed at the Countersurveillance Symposium (U)	1973
19740084762	Advanced fan stability and performance research and development program. Volume 1: Aircraft Propulsion Subsystem Integration (APSI) Phase 1 study (U)	1973
19740084772	Advanced fan stability and performance research and development program, volume 2 (U)	1973
19740084773	Seminar on the implications of precision-guided munitions. Volume 1: A summary report (U)	1973
19740084774	Application of Codem I to NTDS (U)	1973
19740084781	Digital change detection analysis. Volume 3: AN/UPD-3 radar imagery (U)	1973
19740084802	Memory for radar parameter study. Volume 2: Data base (U)	1973
19740084806	Research and applications involving fundamental properties of the ionosphere (U)	1973
19740084845	Feasibility investigation of coherent optical adaptive techniques (U)	1973
19740084866	Skylab requirements document. Part 2: Public affairs office	1973
19740084867	France: Nuclear, Missile, and Space developments, no. 368	1973
19740084868	Power losses from slipper bearings of a radial-piston pump	1973
19740084869	Determination of the degree of hardening or cross-link density of shaped parts of unsaturated polyester resins by colouring with dispersion dyes	1973
19740084870	The profile drag of bodies of revolution in subsonic axisymmetric flow	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084871	The dynamic stability derivatives of a slender wing at zero and moderate lift: A comparison of theory with free flight model tests, M equals 0.8 to 2.0	1973
19740084875	The structure of vacuum-heated polyacrylonitrile	1973
19740084876	Flight determination of the rudder power and directional stability of the Fairey Delta 2 aircraft using a wingtip parachute	1973
19740084878	Syntheses and analyses of earth resources technology satellite program (ERTS) data	1973
19740084879	The suitability of the PX1 Mk.4 parachute system to accept an all-up weight of 350 lb (158.6 kg)	1973
19740084880	Impact test apparatus for crash helmets. The equivalence of given blows in different machines	1973
19740084882	Effect of production modifications to rear of Westland Lynx rotor blade on sectional aerodynamic characteristics	1973
19740084883	Corrosion risks at contacts between carbon fibre reinforced plastics and metals	1973
19740084884	The interpretation of telemetry data from Black Arrow satellite launching vehicle R3	1973
19740084885	Measurement of the characteristics of an unstable dynamic system	1973
19740084886	Assessment of evaporative cooling heat fluxes applicable to aircraft electrical generators	1973
19740084887	Skynet manoeuvres, February, October, and December 1972	1973
19740084888	A liquid level sensor	1973
19740084889	Influence of pilot and aircraft characteristics on structural loads in operational flight	1973
19740084890	Flight simulation of a Wessex helicopter: A validation exercise	1973
19740084891	Gust loads on 707 and VC 10 aircraft	1973
19740084896	Statistical discrete gust theory for aircraft loads	1973
19740084897	Secondary loss measurements in a cascade of turbine blades	1973
19740084902	Research in particles and fields	1973
19740084912	Flight test evaluation and calibration of AIMS airborne ATCRBS equipment for the TE-2A/E-2B airplanes	1973
19740084913	Knitted nomex dickeys	1973
19740084915	Mathematical modelling of piezoelectric transducers	1973
19740084916	Altitude test of the aerojet modified heavyweight full-scale controllable solid-propellant rocket motor CSR-4	1973
19740084917	Effect of a high strength-to-weight ratio material on parachute performance at Mach number 0.8	1973
19740084918	On specifying airborne infrared linescanners	1973
19740084919	The application of ion probes to wake diagnostics	1973
19740084925	Proceedings of the Meeting on Pyrotechnic Compositions	1973
19740084927	Base flow data with and without injection: Bibliography and semi-rational correlations	1973
19740084928	Experimental nighttime ground-to-air visual detection of the AH-1G helicopter	1973
19740084929	Report on visit to 11TH International Conference on Phenomena in Ionized Gases	1973
19740084930	Methods and plant for the research of injections in streaming media	1973
19740084931	Internal-wave projection and prediction from measurements, part 1	1973
19740084932	Hapdar O and M program	1973
19740084934	Development of anti-stokes phosphors for use with indium phosphide diodes (CVD Research)	1973
19740084935	High efficiency operation of avalanche diodes (CVD Research Project)	1973
19740084936	Analysis of the results of the geometric satellite world net	1973
19740084937	Production assessment test report on capacitor fixed, film, metallized, nonmetallic case, lead mount, contractor Hi-Rel	1973
19740084942	Report of test on three-phase power transformer, 373304, Raytheon Company, Microwave and Power Tube Division	1973
19740084944	Survey of naval shore, station interference levels	1973
19740084945	The 2175 program firmware multichannel Error Detection And Correction (EDAC) device	1973
19740084946	Recent experiments exploring the properties of F-region irregularities that give rise to spread F and scintillations	1973
19740084949	Study of tactical missile guidance: Accuracy limitations and guidance sensitivities, volume 1	1973
19740084950	Flight test report of AN/ASN-114 inertial navigation system	1973
19740084951	Army force planning cost handbook	1973
19740084953	Lead-tin telluride detector materials by chemical vapor phase deposition	1973
19740084956	Evaluation of fresnel lens optical landing system with green center cell	1973
19740084967	Qualification test report, new supplier for water separation connector plastic components	1973
19740084970	Advanced composites design guide. Volume 5 Applications	1973
19740084972	Naval Information Storage And Retrieval (ISAR) needs	1973
19740084975	Television engineering test and evaluation services	1973
19740084978	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19740084979	A rapid method for flutter clearance of aircraft with external stores. Volume 1. Theory and application	1973
19740084980	A remote-controlled, multi-channel, analog-data telemetry system	1973
19740084981	The effect of marked invasions of cold air on precipitation in summer in Switzerland	1973
19740084984	Switch, squib, storage life test	1973
19740084985	Reliability analysis of semiconductor devices in a magnetic core shift register	1973
19740084988	O2/H2 advanced maneuvering propulsion technology program: Regeneratively cooled segment/sector evaluation	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084989	Semiconductor-insulator structures for the 1- to 2-micrometer region	1973
19740084991	AN/SSQ-62 (XN-3) dicass sonobouy	1973
19740084992	Rocket motors mark 36 mod 0 first article test program	1973
19740084993	Wide bandwidth pulse compression system	1973
19740084994	Status of semiconductor technology in France, 1973	1973
19740084995	Fading statistics and Doppler characteristics of Polar Fox 2 HF propagation data	1973
19740084996	Optimized lead selenide detector array	1973
19740084997	Dual mode gun development (Phase 1)	1973
19740084998	Software systems engineering	1973
19740085001	A study of stability and control characteristics of a circulation controlled rotor and helicopter	1973
19740085002	Nonplanar interconnections for VLSI packaging	1973
19740085004	Chemical vapour deposition on metals	1973
19740085011	Optimal digital voice processor	1973
19740085012	NRA subsystem evaluation test report 4.3.3.25, 2 x 1 test, RDC mode	1973
19740085014	Production engineering measure for sealed beam xenon lamps	1973
19740085016	Shrinkable splice covers for underground distribution cables	1973
19740085017	NRA subsystem evaluation test report 4.3.3.26, system compatibility hardware evaluation launch facility equipment interactions	1973
19740085018	Turbine engine fan blade stability using metal matrix composites	1973
19740085022	Non-specular radar cross section study	1973
19740085023	Manufacturing methods for establishing polymeric adhesive bonding processes	1973
19740085026	Development of PbTe and (Pb, Sn)Te photovoltaic detectors by vacuum sublimation	1973
19740085028	Production engineering measure for an integrated circuit power amplifier 600-1000 MHz for tactical radio equipment	1973
19740085029	Lead tin telluride single crystal detector materials	1973
19740085031	Interface design for interim infrared air defense simulation	1973
19740085032	Conceptual design of a 164-KW lithium seawater power system	1973
19740085034	Some applications of hybrid thick film technology	1973
19740085037	Parts evaluation report diode	1973
19740085038	J65 product support program	1973
19740085039	Qualification test report hydraulic power unit	1973
19740085043	Brassboard modulator I.	1973
19740085045	Adhesive study for bonding aluminum to ceramic substrates	1973
19740085046	Production engineering measure for low radint power infrared sources	1973
19740085057	Qualification test report fitting, initiation, three-way	1973
19740085058	Qualification test report first stage conduit forward end cap	1973
19740085060	Qualification test report power distribution package electronics	1973
19740085062	On-line computer facility and operating system COSACS at the ANL fast neutron generator	1973
19740085063	Fuels and materials development program	1973
19740085064	Design and construction of a uniquely powerful echelle grating spectrograph system	1973
19740085072	Investigation of the difficulties associated with the use of lead telluride and other 2-4 compounds for thin film thermistors	1973
19740085073	Plane subcritical flow past a lifting aerofoil: A further improvement to Sells' method of calculation	1973
19740085074	Manual approach performance using a simple airborne VASI head-up display	1973
19740085075	Transitions in the friction and wear of carbons and graphites sliding against themselves	1973
19740085081	The many faces of Mars: Globe supplement	1973
19740085086	Electrochemical generation of oxygen	1973
19740085088	Recovery of fleets based on statistical methods, fracture mechanics and fatigue theories	1973
19740085089	Ionospheric research	1973
19740085090	A program to perform a gyro test of general relativity in a satellite and develop associated control technology	1973
19740085099	Program of research in acoustics	1973
19740085115	A two-dimensional aerofoil oscillating at low frequencies in high subsonic flow	1973
19740085116	An empirical analysis of the structure of Naval Air Station costs	1973
19740085117	Canadian upper air data	1973
19740085118	An automatic system for processing satellite tracking data	1973
19740085119	An analogue simulator for voice band circuits for NICS and other networks	1973
19740085120	Colocation of HF transmitters and receivers for point-to-point communications	1973
19740085122	A device for local humidification of aircraft crewstations	1973
19740085123	Air-2 theatre-level air model: Description and user's guide	1973
19740085124	International Scientific-Technical Conference on the Use of Electric Computer	1973
19740085125	Qualification test report for command decoder C and I model CDD-200 Boeing part number 10-70438-1 serial number 101	1973
19740085126	Development test 2 engineering phase of manportable air traffic visual control facility AN/TSQ-97	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085127	Test evaluation report: TOW weapon system, special test program for the tow launcher battery assembly and battery chargers	1973
19740085129	Production assessment test report on capacitor, fixed, glass, hermetically sealed, lead mount, contractor Hi-Rel	1973
19740085131	Physical integration test report. Space test program small satellite project S3-1	1973
19740085132	SERL Technical Journal, volume 23, no. 3	1973
19740085133	Pressure-tolerant electronic/electrical systems for tactical and strategic submersibles. Technology base program requirements analysis	1973
19740085134	Transmitter and receiver filters for digital PAM using low complexity filters	1973
19740085137	Development and service release testing of rocket motor Mark 51 Mod 1	1973
19740085138	Model of wind waves on the ocean surface	1973
19740085139	Laboratory evaluation of radiac set AN/VDR-1	1973
19740085141	TRACE radome electrical measurements	1973
19740085142	Evaluation of safeguard system perimeter acquisition radar building shear key connections	1973
19740085143	Development test 3 of Tacan system (airborne navigation set AN/ARN-103, and test sets AN/ARM-156 and TS-3134)	1973
19740085144	Reliable Advanced Solid-State Radar (RASSR)	1973
19740085146	Production engineering measure for beam lead tantalum thin film capacitors quality control manual	1973
19740085163	Mesophase graphite	1973
19740085164	PLRS program	1973
19740085184	Constant track (U)	1973
19740085210	F-14B/AWG-9 air combat maneuver mode analysis (U)	1973
19740085212	Aircraft and missile performance trade investigation for defensive and tactical weapon systems. Volume 2: Methodology and supporting data (U)	1973
19740085213	Aircraft and missile performance trade investigation for defensive and tactical weapon systems. Volume 1: Aircraft/missile balance of performance evaluation method (U)	1973
19740085224	High efficiency far infrared radiation source (U)	1973
19740085235	Hydrogenfluoride laser technology studies. Volume 1: Summary (U)	1973
19740085262	Engine radar cross section study (U)	1973
19740085317	FB-111/SRAM (U)	1973
19740085343	Skylab program payload integration. Apollo Telescope Mount (ATM) canister experiment analysis	1973
19740085345	Western Research Application Center	1973
19740085346	Design, fabrication and test of unidirectional multi-fiber laminates	1973
19740085347	Thermodynamics and kinetics of reactions in protective coating systems	1973
19740085355	Free stream turbulence effects on the turbulent boundary layer	1973
19740085356	Trials and development of the HMS Ark Royal deck cooling and jet blast deflector equipment	1973
19740085357	Systems of coordinates suitable for the numerical calculation of three-dimensional flow fields	1973
19740085359	Airborne calibration of the spraycloud generated by the Canberra icing tanker	1973
19740085360	Jet provost Mk 5: Miniature detonating cord clearance trials	1973
19740085361	Thermal stability in polysulphide rubbers. Part 1: Para-quinone dioxime cured thiol terminated polysulphide	1973
19740085362	Manual operation modification to the Extractor Parachute Emergency Release Unit (EPERU)	1973
19740085371	The influence of apex restraint on the drag of a parachute	1973
19740085372	Fuel tank explosion suppression with block and ball fillings of reticulated plastics foam	1973
19740085373	Hydrostatic/hydrodynamic bearings and their application to helicopter gearboxes	1973
19740085375	Passenger behaviour in aircraft emergencies	1973
19740085376	Iterative solution for thick symmetrical wings at incidence in incompressible flow	1973
19740085377	An anthropometric survey of 2000 Royal Air Force aircrew, 1970-1971	1973
19740085378	Comprehensive helicopter simulations	1973
19740085379	Field trials of a prototype laser anemometer	1973
19740085380	Observations on breathing and related phenomena in some paratroop type parachutes when freely descending	1973
19740085381	Effect of silicon on the fracture toughness of a titanium-aluminium-molybdenum-tin forging alloy	1973
19740085383	High resolution infrared radiation sounder for the Nimbus F spacecraft	1973
19740085384	Summary of Discussions and Actions, Thirtieth Meeting, Aeronautics and Space Engineering Board, 25-26 October 1973	1973
19740085388	Tests on probes designed to measure stagnation pressure directly in a supersonic stream	1973
19740085393	Meteorite photography and recovery network	1973
19740085400	Thermal and dynamical features of a thunderstorm with a tilted axis of rotation	1973
19740085402	Solar wind physics	1973
19740085404	Basic research in meteorology and atmospheric physics	1973
19740085405	A comparison of Lyman alpha and H el lambda10830 line structures and variations in early-type star atmospheres	1973
19740085414	The effect of D2O on protein synthesis, ultrastructure and permeability in higher plants, part 1	1973
19740085415	Reflectometer assembly and ZNO reflection	1973
19740085417	Shell and aircraft structural vibration, shell transient motion, and Couette flow	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085419	Elemental abundances in meteoritic and terrestrial matter	1973
19740085423	A project to develop and demonstrate operational applications of remote sensing to land use problems in Michigan	1973
19740085425	The need for high Reynolds number transonic tunnels	1973
19740085426	The interpretation of discrete Fourier transforms	1973
19740085428	Data from counting accelerometers on nine types of aircraft without radar presented as intensities of turbulence	1973
19740085429	Numerical evaluation of further supersonic sections including ducted heat addition and nozzle flow	1973
19740085431	Tests of a booster fuel pump (Thompson type TF 51008-5) at altitude with hot fuel	1973
19740085444	Program of research in computer-aided structural design	1973
19740085449	The 1973 NASA-ASEE summer faculty fellowship research program	1973
19740085456	Demonstration of soil acidity and nematode stress in cotton, peanuts and tomatoes through multispectral photography	1973
19740085487	ATS-3 trilateration experiment	1973
19740085494	Study and design of a cryogenic propellant acquisition system	1973
19740085526	High subsonic flow past a steady two-dimensional aerofoil	1973
19740085527	Extrusion of air cooled turbine vanes in chromium alloy	1973
19740085528	Final evaluation of chromium alloy J guide vanes	1973
19740085529	Advanced thyristors for radar pulse modulator applications	1973
19740085530	The development of VX5123 for D.C.V.D.	1973
19740085531	Application of high pressure liquid chromatography to the analysis of explosives and propellants. Part 4: Comparison of GPC and VPO for molecular weight determination	1973
19740085532	Enhancement by total internal reflection (T.I.R.) of semi-transparent S.20 photocathodes	1973
19740085533	The control of boron diffusion through the gate dielectric of silicon gate MOS transistors	1973
19740085535	The calculation of compressible turbulent boundary layers with fluid injection	1973
19740085536	Development project VX5125 rugged S-band lightweight power amplifier	1973
19740085539	Lens, aerial reconnaissance, 6 inch F/1.5 infrared	1973
19740085548	Flight test results of the HH-1H external hoist and auxiliary hydraulic system evaluation, revision A	1973
19740085549	Capacitors, electrolytic, aluminum foil, axial lead, metal case, Roe EB	1973
19740085551	Black Brant rocket ADD-II-127 launched at Churchill Research Range 25 February 1973: Operations requirement number 7206: Optical studies of the aurora	1973
19740085552	Md glass laser	1973
19740085553	Retrieval of spectral references from file of spectral data	1973
19740085554	Ion selective electrodes	1973
19740085555	Gas chromatographic analysis of the carboxylic acid components of alkyd resins	1973
19740085556	J/Q-band monitor diodes	1973
19740085557	The ageing of polynrethane elastomers	1973
19740085558	Study of the performance of image recovery circuits	1973
19740085559	A new electronically scanned antenna	1973
19740085560	The electric field of a gap in an infinite cylindrical antenna	1973
19740085561	Fabrication of MOS memories by ion implantation	1973
19740085562	Monthly record, meteorological observations in Canada, January 1973	1973
19740085563	Aerial delivery of Gemini inflatable boat, mk 13 marine canoes and sealdrum bulk fuel containers using the D1 uncross parachute	1973
19740085564	Numerical studies on hypersonic delta wings with detached shock waves	1973
19740085565	Surface applications of the molecular probe technique to properties: Determination of glass transition temperatures and a study of surface phenomena	1973
19740085567	Semiannual technical report, 1 February - 31 July 1973	1973
19740085570	Broadband packaging for impatt devices operating at millimetric frequencies	1973
19740085571	Study of acoustic surface wave oscillators	1973
19740085572	Receiver for electromagnetic Walsh waves	1973
19740085573	Separation/deployment shock demonstration test report, S3-1 satellite	1973
19740085574	Service test of test facilities set AN/TPM-24(V)2	1973
19740085575	Developmental test 3 (IPT) of antenna AS-1729(j)/VRC	1973
19740085576	Performance tests of a Mars-modified HH-53 C helicopter	1973
19740085578	Report of electromagnetic compatibility test conducted on modified HH-1 H helicopter S/N 70-2459	1973
19740085579	Description of the beacon set, radar target AN/UPT-1 (XAN-2)	1973
19740085581	Reliability - engineering test report for AN/APQ-109 radar system	1973
19740085582	High temperature metallizing	1973
19740085583	Intermodulation of several FM signals in a Klystron power amplifier	1973
19740085584	High power C. W. and pulse operated CO2 laser windows	1973
19740085585	Backscattering analysis of targets with nonuniform composition as function of depth	1973
19740085586	Evaluation of nickel plating deposited by the glass-bead peening technique	1973
19740085589	Second order boundary-layer theory for stationary, laminar, compressible flows over curved surfaces	1973
19740085590	Hydrodynamic design requirements for the Sans device	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085591	Multimission aircraft propulsion simulator initial aero/mechanical test results and evaluation	1973
19740085592	Asymmetrical flow past a circulation-controlled lifting cylinder	1973
19740085595	Investigation of ADAM propellant permeation	1973
19740085598	Master alloy B/Al tape for low pressure consolidation. Part 1: Tape production and evaluation	1973
19740085599	Master alloy B/Al tape for low pressure consolidation. Part 2: Tape testing and evaluation	1973
19740085600	S-band solid state power amplifiers	1973
19740085608	The construction of a toroidal deceleration/flotation device	1973
19740085609	Navy blue-green laser technology report	1973
19740085611	Investigation of scuffing by hydrostatic disc machine	1973
19740085615	International Helicopter Forum (9th)	1973
19740085616	Aircraft avionics trade-off study (AATOS)	1973
19740085617	Low cost adaptive control unit manufacturing methods	1973
19740085619	A rapid method for flutter clearance of aircraft with external stores. Volume 3: Programmer's manual for FACES computer program	1973
19740085620	Arctic surface effects vehicle program. Volume 1, task 2.1.1: Parametric design analysis and concept exploration	1973
19740085621	Plasma flow theory, numerical results, volume 2	1973
19740085622	Production engineering measure on gating transistors	1973
19740085625	Some aerodynamic characteristics of the artillery projectile XM549	1973
19740085626	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1973
19740085627	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05 - .10 watt	1973
19740085628	A production engineering measure for two L-band solid-state microwave frequency sources	1973
19740085631	Demonstration of ambient temperature cure	1973
19740085632	Initial production test audio frequency amplifier AM-1780()/VRC	1973
19740085633	Fast cool down thermoelectric cooler	1973
19740085634	Low-angle target tracking	1973
19740085635	Design projection study of the MNOS boram for Navy's all application digital computer	1973
19740085637	Performance prediction of tandem propeller arrangements for large surface effect vehicles	1973
19740085638	Corrosion evaluation on nylon 11 and acres, sleeves'	1973
19740085640	Qualification test report 15 Gr/ft linear-shaped charge	1973
19740085642	Microwave signal processing devices	1973
19740085643	Electronically scanned TACAN antenna (ESTA)	1973
19740085644	Incoherent backscatter	1973
19740085645	HF/DF techniques investigation	1973
19740085646	Investigation of radar scattering by simulated aircraft/duct engine combinations	1973
19740085650	Photomultiplier tube for efficient infrared detection	1973
19740085651	Modification fo ASM/SAM encounter model for at-sea encounters (user's manual)	1973
19740085653	NRA subsystem evaluation test summary report	1973
19740085654	A 200 cycle life test report for model 4051 timer	1973
19740085655	Special study of tropical environment investigation	1973
19740085657	Digital conferencing units	1973
19740085658	A procedure for interpolating Delta-G anomalies and calculations of deflections of the vertical in the western Alps region	1973
19740085659	A vulnerability analysis model for the assessment of continuous wave laser threat	1973
19740085660	Monte Carlo analysis of S-curve and roll-through bomblet dispersion characteristics	1973
19740085663	Integrated parametric amplifiers	1973
19740085664	Development and service release testing of rocket catapults Mark 9 mod 1, Mark 12 mod 1, and Mark 18 mod 0	1973
19740085665	Electronically tunable filter and dye laser	1973
19740085667	Diffusion bonding for munition closures and bonded assemblies	1973
19740085670	Energy attenuating troop seat development report addendum	1973
19740085671	Industrial preparedness measure: Propellant disposal/reclamation facility design	1973
19740085672	Nuclear engineering evaluation of the TIXL-74 silicon avalanche photodetector module	1973
19740085675	General principles and mathematics of cost reduction	1973
19740085677	Development test 2 (service phase) of manportable air traffic visual control facility AN/TSQ-97	1973
19740085679	Reliability acquisition cost study	1973
19740085682	Report of ladar (laser radar) signature measurements planning committee	1973
19740085683	New electrical distance-measuring instruments at the Wiesbaden exhibition	1973
19740085684	On regular reflection of shock waves	1973
19740085685	Radar present and future	1973
19740085686	Mechanical impedance of three layer damped sandwich beams	1973
19740085687	Test and evaluation of A/A49E-3 armament subsystem on UH-1N helicopter	1973
19740085688	Production engineering measure solid encapsulated semiconductor devices	1973
19740085692	Digital conferencing units	1973
19740085693	Photocathode study at 1.8 microns	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085694	A study of the dynamics of arctic surface effect vehicles. Part 1: Development of the analysis	1973
19740085699	Design criteria study for the Air Force Ricochet Test Facility. Volume 1: Hybrid facility design specifications	1973
19740085700	Polymer structures and properties. Part 3: Thermally stable polymers	1973
19740085701	Advanced metallic air vehicle structure program. Volume 1, Part 1: Technical	1973
19740085703	Design guide handbook for the design of ballistic-damage-tolerant short-fiber-molded aircraft flight control system components. volume 1. Design criteria, concepts, tooling, fabrication, testing, and evaluation	1973
19740085704	Quality assurance briefs	1973
19740085706	Bulletin of the division of mechanical Engineering and the National Aeronautical Establishment	1973
19740085709	Material and device technology of gallium phosphide	1973
19740085710	Computer analysis of the operation of RF power transistors	1973
19740085711	Reliability of flip chip bonds	1973
19740085715	Performance and screening of filters electrical, 30-300 KHz, low pass fixed	1973
19740085716	Effect of some organic battery components on the deterioration of thin lead dioxide electrode stock	1973
19740085717	RF failure mechanisms related to microelectronics process control	1973
19740085719	High pressures induced by short-pulse lasers	1973
19740085721	Verification test of Leach Corporation relay KCL-D2A-014	1973
19740085722	AN/TRN-26 beacon transponder set	1973
19740085723	Development of a non-aqueous high energy battery system	1973
19740085724	Special study of a low-cost technique for conducting Electromagnetic Interference EMI tests on Army materiel using an automated spectrum surveillance system	1973
19740085725	Evaluation of electroexplosive device response to electromagnetic radiation OM351C explosive switch	1973
19740085726	Index of US naval aircraft, air launched guided missiles, and their propulsion systems	1973
19740085728	Status report on technical support to SAFEGUARD System Command	1973
19740085733	Conference on Modern Applications of Pyrotechnics	1973
19740085734	ARPA-NRL infrared integrated optics program	1973
19740085736	Empirical design of peripheral collision protection structure for the Arctic surface effect vehicle	1973
19740085739	Numerical analysis of averaged equations of the laser compression of D-T plasma with envelope	1973
19740085740	High frequency linear SSB power amplifier	1973
19740085743	The stress analysis of loaded rolling aircraft tires. Volume 1: Analytical formulation	1973
19740085744	Impingement-film heat transfer investigation	1973
19740085745	Photovoltaic lead tin telluride detector array	1973
19740085747	Photoemission in the 1-2 micron range	1973
19740085751	Investigation of the effects of wall ablation on the flow of iron plasma in straight and tapered pipes	1973
19740085759	Safeguard system, TREE hardness assessment for SPARTAN interface circuits, case 2795-0-2140	1973
19740085761	Two kilowatt long life battery	1973
19740085762	Production engineering measure for S and C band injected beam crossed-field amplifiers employing ceramic mounted slow wave structure	1973
19740085766	Production engineering measure for high reliability integratable pin diodes	1973
19740085773	True course, phase 1 program report. Volume 1: Synoptic data report	1973
19740085775	Incremental growth vehicle formulation and analysis. Volume 1: Summary	1973
19740085780	Production engineering measure for a high power, fast switching silicon controlled rectifier	1973
19740085781	Production engineering measure for capacitors, electrolytic aluminum high reliability, high voltage	1973
19740085782	Production engineering measure for ion-implanted integrated circuits	1973
19740085795	Low NOX emission combustor for automobile gas turbine engines	1973
19740085797	Evaluation of welbonding for joining thin gage aircraft structures	1973
19740085799	Common mode model development for complex cable systems	1973
19740085803	High thermal conductivity microwave substrates	1973
19740085805	Effect of record gap length on magnetic tape recorder/reproducer	1973
19740085806	The molecule, a compact, high-density, high precision marx generator	1973
19740085809	Report of test on calibration light source	1973
19740085813	Universal fuel injection system	1973
19740085816	Error analysis of a bell-type prover for use as a gas flow rate standard	1973
19740085820	Monthly record, meteorological observations in Canada, June 1973 and supplement	1973
19740085821	Monthly bulletin, Canadian upper air data, October 1973	1973
19740085823	Substrate facet replication by epitaxial magnetic garnet films	1973
19740085824	Effects of thermal history FEP Teflon flexible cables tear strength	1973
19740085828	Exploratory development of high temperature resins for structural adhesives and laminates	1973
19740085831	Transistor, field effect P-channel, silicon	1973
19740085835	Methodology study of service test flight profile data acquisition program	1973
19740085837	Implicit high order finite difference analysis of rotationally symmetric shells	1973
19740085840	An assessment of cost and reliability changes in the LN-12 inertial platform project rivet GYRO	1973
19740085843	Self-welding evaluation for A286 and type 304 stainless steel in flowing sodium at 800 F	1973
19740085844	Response of airborne electroexplosive devices to electromagnetic radiation	1973
19740085845	Acoustic evaluation of cold work in 316 stainless steel tubing and plate	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085847	Some experiments on the wetting of stainless steel, nickel, and iron in liquid sodium	1973
19740085848	Preflight thermal analysis of the graphite nosetip for the Talos Terrier recruit (TATER) rocket system	1973
19740085849	Failure analysis of a sodium pressure in SCTI	1973
19740085850	Validation of high temperature design methods and criteria	1973
19740085855	Characterization of four specimens processed as a part of the M553 sphere forming experiment performed during the Skylab 1/2 flight	1973
19740085858	Progress report	1973
19740085859	The nature of compressive failure in unidirectional carbon fibre reinforced plastics	1973
19740085860	Sandwich panels faced with carbon fibre reinforced plastic and their application to a satellite structure	1973
19740085864	Deformation of notched carbon fibre composites	1973
19740085865	Thermomechanical analysis of Viton B rubber: The effect of additives on creep at high temperatures	1973
19740085866	An on-line analyser using visual techniques for processing of nonlinear dynamic response data	1973
19740085867	An assessment of the importance of the residual flexibility of neglected modes in the dynamical analysis of deformable aircraft	1973
19740085868	Skynet 1 attitude determination	1973
19740085870	An experimental investigation of channel interaction in a hydraulic loading system using load feedback control	1973
19740085871	The Black Arrow satellite launcher vehicle third stage instrumentation	1973
19740085872	A computer programme to predict the stability and control characteristics of subsonic aircraft	1973
19740085882	Ultrasonic wire bonding to silicon devices	1973
19740085883	The ac gas discharge matrix panel	1973
19740085890	A briefing on energy policy	1973
19740085891	Design and fabrication RAE-B solar panel assemblies	1973
19740085892	Data analysis and support for STDN unified S-band tracking system hardware and very long baseline interferometry experiments	1973
19740085903	Computer programs for modelling of complex isothermal chemical reactions	1973
19740085909	Ultrasonic Doppler measurement of renal artery blood flow	1973
19740085919	Lunar laser ranging project	1973
19740085943	Low speed inducers for cryogenic upper-stage engines	1973
19740085957	Comparison of methods for active RC-synthesis. Part 5: Dig-building block	1973
19740085958	Engineering ceramics: The strength of reaction-bonded silicon nitride ceramics	1973
19740085963	Test and evaluation of the F14 aircraft weapon system: A managerial analysis	1973
19740085969	Switching elements for use with multi-element arrays (CVD Research Project)	1973
19740085970	Test and evaluation of navigation system improvement for P-3A/B aircraft LTN-51 inertial navigation system performance with Doppler damping	1973
19740085972	A computer program for the rapid prediction of angles of arrival of HF radio waves	1973
19740085973	A preliminary assessment of TRIP steels	1973
19740085974	Evaluation of fine-grain dense ferrite	1973
19740085975	Utilization of numerical techniques for fabricating and reconstructing holograms	1973
19740085976	Aircraft avionics tradeoff study. Volume 1: Executive summary	1973
19740085977	Aircraft avionics tradeoff study. Volume 2. Concept development tradeoff. part 1: Avionics functions and requirements	1973
19740085978	Aircraft avionics tradeoff study. Volume 2. Concept development tradeoff. Part 2: Equipment tradeoffs	1973
19740085979	Aircraft avionics tradeoff study. Volume 2: Concept development tradeoff. Part 3: Data processor tradeoffs	1973
19740085980	Aircraft avionics tradeoff study. Volume 3: Concept application evaluation and implementation	1973
19740085981	Production engineering measure for multistage solid-state power amplifiers	1973
19740085982	Linear induction MHD machines with fluid metal and plasma secondary parts	1973
19740085983	Performance studies of an ablative consisting of a silicone elastomer with metal reinforcing	1973
19740085984	Combustion stability characteristics of solid propellants	1973
19740085986	Report of test on resistor assembly, 373386, Dale Electronics, Incorporated	1973
19740085989	Solid propellant binders	1973
19740085992	High strain-rate fractures in scabbed steel plates of thicknesses between 0.4 and 1.25 inches	1973
19740085993	Investigation and assessment of injection logic for LSI functions	1973
19740086003	Phase 1 of the TF30-P-412A engine flight evaluation/component improvements tests in the F-14A airplane	1973
19740086007	Preliminary drawings and layouts variable camber wing - phase 1	1973
19740086010	C-5A reliability	1973
19740086011	Partitioning study of the BORAM memory employing advanced LSI and amorphous technologies	1973
19740086012	Production engineering measure for moderate power fiber optic laser arrays	1973
19740086014	Production engineering measure for non-reserve disposable zinc-air battery BA-558()/W	1973
19740086015	Studies of field assisted photocathodes for 1 to 2 microns	1973
19740086023	Chemical laser pumping technology	1973
19740086024	Development and evaluation of an improved aft plume model	1973
19740086025	Low noise Schottky FET integrated microwave amplifiers	1973
19740086028	Advanced electron device technology	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086030	The development of flame pumped atomic lasers	1973
19740086032	Spectral sunglasses	1973
19740086033	Photoemission from gallium arsenide	1973
19740086034	Acoustic surface wave band-pass filters	1973
19740086035	Gas etching of dielectrics and metals	1973
19740086036	Plastic encapsulation of glass fibres for optical dielectric waveguide	1973
19740086037	Hot electron injecting cathode for improved transferred electron	1973
19740086040	Development of an electron bombarded semiconductor EBS voltage switch	1973
19740086041	Modified high-altitude low-opening parachute	1973
19740086042	Production engineering measure for high voltage aluminum high-reliability electrolytic capacitors	1973
19740086044	Study of slot line techniques for hybrid microwave integrated circuits	1973
19740086045	Assessment of epitaxial layers	1973
19740086046	Research, development and evaluation of ERAPS two stage decelerator system	1973
19740086047	Open-sea testing of prototype survival systems for helicopter aircrewmembers and of other items	1973
19740086048	The 192 lamp GaAsP line array	1973
19740086050	Converter, analog-digital, CV-3034/G	1973
19740086051	Pave Low 2 evaluation of an electronic location finder coupler system in the HH-53 helicopter	1973
19740086053	Development of an improved digital accelerometer	1973
19740086056	Analysis of COD/VOD eligible cargo	1973
19740086059	A feasibility test of an S band telemetry system for making inbore projectile measurements	1973
19740086061	A study of lift fans for surface effect ships	1973
19740086062	Initial production test audio frequency amplifier AM-1780()/VR	1973
19740086066	Gunfire vulnerability tests on flight control actuators, components, and fluids	1973
19740086070	Improvement program, L-band transceiver modules	1973
19740086071	Precision Antenna Measurement System (PAMS)	1973
19740086072	Phase 11 of the component improvement service test of the J79-GE-10 engine	1973
19740086073	Magnus characteristics of five low-drag projectile configurations at Mach 1.75 and 2.25	1973
19740086075	Sonobuoy parachute staging mechanisms, evaluation of	1973
19740086080	Static, acoustic and blast response of M22 radome	1973
19740086081	Navigational programs	1973
19740086082	The 30 MM defa projectiles - cracking during band groove rolling	1973
19740086083	Approach movement of an artificial satellite	1973
19740086086	Analysis of a nonlinear model operational amplifier in active RC filters	1973
19740086090	Aerodynamic stability and dispersion analyses of the 8 in. XM650 and XM673 projectiles	1973
19740086091	Semiconductor-insulator surface studies in Ge and GaSb	1973
19740086092	LAU-24/A launcher: Qualification tests of forward crank	1973
19740086093	Low Temperature silicon epitaxial manufacturing processes	1973
19740086094	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1973
19740086095	Production assessment test report on semiconductor, transistor, general purpose, silicon p-n-p, planar, metal can	1973
19740086097	Base drag reduction with injection	1973
19740086098	Sentinel aides refinement	1973
19740086099	A comparison of the stability characteristics of standard fin and slotted fin mark 81 low drag bombs	1973
19740086100	Initial production test of radio receiving set AN/PRR-9 and radio transmitting set AN/PRT-4 A	1973
19740086101	Delay line failures	1973
19740086102	Design of the Law warhead/rocket motor connection	1973
19740086104	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the SP-2H airplane	1973
19740086105	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment in the TC-4C airplane	1973
19740086106	Data processor module	1973
19740086107	Stable geodesics on surfaces of revolution	1973
19740086108	On the development of compensator levelings	1973
19740086109	Experimental stress analysis of heat exchanger heads	1973
19740086115	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1973
19740086119	Initial production test of generator set, 1.5-KW, 60-Hz, gasoline engine driven	1973
19740086120	A comparison of scanning seekers: 5 degrees versus 14 degrees instantaneous field of view	1973
19740086123	Design studies and analysis of the tiltwing V/STOL concept for future Navy and Marine Corps Aircraft	1973
19740086124	Design studies and analysis of the tiltwing V/STOL concept for future Navy and Marine Corps Aircraft. Appendix A: Parametric tiltwing data	1973
19740086125	Modified configuration factors program for infrared suppressor signature prediction	1973
19740086126	Evaluation of the AN/SQS-23 TR-208 transducer ser A31	1973
19740086127	Feasibility study of the wavefront sampling technique for GCA application	1973
19740086128	Propellant surveillance report, LGM-30 A and B stage 1, TP-H1011	1973
19740086129	Production assessment test report on resistor, fixed, wirewound, noc, molded or dipped, 1-2 watts	1973
19740086130	Miniaturized high speed controls for turbine engines	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086131	Bonded joints in composite structures	1973
19740086133	Type Unit Characteristics (TUCHA) file. Computer operation manual/run book	1973
19740086134	Type Unite Characteristics (TUCHA) file. User's manual	1973
19740086135	PRE-edit Processor/Report And Message Processor. (PREP/RAMP) user's manual	1973
19740086137	Type Unit Characteristics (TUCHA) file. Program maintenance manual	1973
19740086138	Laser resonator model-finite difference method	1973
19740086140	Time, Space, Position, Information (TSPI) study	1973
19740086141	S-band qualification test report - S3 satellite	1973
19740086142	Use of computer math models for aircraft evaluation	1973
19740086143	Air transportability testing of the machined PWU-g/C clip-in assembly with B28 FI bombs installed	1973
19740086145	Laser tactical unit control	1973
19740086146	Light emitting diode array	1973
19740086147	Multiple spacecraft dispenser study	1973
19740086149	Integrated preamplifier/multiplexer module development	1973
19740086150	Speed sensors for high-speed surface craft: A survey of candidate systems	1973
19740086154	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1973
19740086155	Production engineering measure for improved reliability of metallized polycarbonate and metallized polysulfone capacitors	1973
19740086158	NRA subsystem evaluation test report 4.3.3.3, test comand processing	1973
19740086159	Experimental investigation of CO and CO2 laser action by organic molecule oxidation	1973
19740086160	Laser receiver 1	1973
19740086161	Aerodynamic loads on advanced fighter aircraft	1973
19740086162	Development test 2 (engineering phase) of night vision goggles, AN/PVS-5	1973
19740086163	The deformation of explosively accelerated fluted geometries as applied to spin compensation	1973
19740086164	Development of a carbon shock-pressure gauge	1973
19740086169	Acoustic surface wave filters for communication circuits	1973
19740086170	X-Y addressing and integral memory in gallium phosphide displays	1973
19740086171	Research on fast detectors for laser applications	1973
19740086172	The climate of dublin city. Extremes of temperature, rainfall, sunshine and wind speed	1973
19740086173	High performance bipolar circuits for communication applications	1973
19740086174	Feasibility study on radiation hardened devices and circuits	1973
19740086175	Digital integrated circuits, general specification for	1973
19740086176	Loads report variable camber wing - Phase 1	1973
19740086179	Numerically controlled contour forming	1973
19740086183	Design, fabrication and testing of a fiber reinforced plastic M2000 type 2.75 inch rocket launcher	1973
19740086184	Avionics subsystem mechanization analysis and recommendations	1973
19740086190	Roll shaping of advanced composite substructural shapes	1973
19740086194	Adaptive techniques for radar control	1973
19740086195	A program to extend the operating temperature range of the amorphous semiconductor memory device	1973
19740086198	Astronomical constants and fundamental systems	1973
19740086199	Astronomical theodolite with automatic telescope tracking by stepping motors	1973
19740086201	Production engineering measure for microwave transistors using proton enhanced diffusion technology	1973
19740086204	The B-52/SRAM operational test and evaluation. Volume 2: Logistics analysis	1973
19740086205	Whole wafer eutectic bonding	1973
19740086206	Parametric data on a mechanical transmission suitable for large surface effect vehicles	1973
19740086207	Photographic color manipulations	1973
19740086208	Production engineering measure for a high power, fast switching silicon controlled rectifier	1973
19740086209	Final test report on atmospheric transparency	1973
19740086210	Constitutive models and computer techniques for ground motion predictions	1973
19740086216	Long pulse measurements during the weathervane series of project haprex	1973
19740086221	On cause of vibrations in helicopters	1973
19740086222	Wernher von Braun warns... and advanced propulsion concepts project outgrowth	1973
19740086223	Dynamic and static evaluation of experimental integral fuel tank sealant materials	1973
19740086224	The flow pattern of a retro-plume in the viscous continuum regime	1973
19740086225	Drag reduction of supersonic missiles by means of base burning	1973
19740086227	Applied optics research report	1973
19740086236	Production assessment report. Resistor, fixed, wirewound, precision, molded or dipped, .50-1.0 watt	1973
19740086242	Production assessment test report. Microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19740086246	Navy communications	1973
19740086247	Universal deployment module study	1973
19740086248	Bi-monthly technical progress report, 15 Sep. - 30 Nov. 1973	1973
19740086249	Sampling tests, of eight, type MS90321-78W, nickel-cadmium battery cells, representing lots 1 through 8, manufactured by Gulton Industries, Incorporated, under contract N00383-73-C-0627	1973
19740086253	Audistor (radio range finder)	1973
19740086256	Model for the digital simulation of the jet formation from truncated conical liners	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086260	Electrostriction of nonpolar liquids	1973
19740086261	Comparison of blast test and NASTRAN results for radar antenna AN/SPS-10E	1973
19740086262	Test and evaluation of datascope physiological Monitor, model 850M, for aeromedical airlift use	1973
19740086263	Methods and processing of airborne experiments (SAA) of the National Geographic Institute	1973
19740086264	Changes in quantitative condition in homogeneous thermodynamic systems	1973
19740086265	Evaluation of a ballute retarder system for the Mk 82 bomb	1973
19740086270	PLRS program	1973
19740086271	Seismic target classifier	1973
19740086272	X-band silicon Trapatt oscillator	1973
19740086273	VX3400: Cadmium crowbar tube stage B development	1973
19740086274	Research on mercury cadmium telluride detectors and material	1973
19740086277	Delta modulation to pulse code modulation digital code converter	1973
19740086278	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1973
19740086279	The XM72e3 switch safe, atomic weapon	1973
19740086282	Production engineering measure for ion-implanted integrated circuits	1973
19740086283	Production engineering measure for hybrid integrated circuits for fuze applications. Part 1: Integrated arming and firing circuit. Part 2: Precision oscillator integrated circuit	1973
19740086284	Production engineering measure for high reliability integratable pin diodes	1973
19740086285	Industrial application of the process of remelting under slag to steels and alloys	1973
19740086286	Price list for PLUS AC rectifiers and batteries	1973
19740086287	Production assessment test report on relay, 10 amp., hermetically sealed, 30 VDC latching, 4 PDT	1973
19740086289	Tow hat missile firings	1973
19740086290	Air Traffic Management Automated Center (ATMAC). Concept formulation study computer model: Validation test plan	1973
19740086291	The H2 battery system investigation	1973
19740086292	Evaluation of ground starting characteristics and validation of airstart envelope of the F-8H airplane/developmental J57-p-420 engine	1973
19740086294	Development of a prototype ferrite tuned magnetron, QKH1707	1973
19740086295	Dynamic fracture of boron-epoxy composite	1973
19740086296	SPIN-73: An updated version of the SPINNER computer program	1973
19740086297	Production assessment test report on relay, 10 amp, hermetically sealed, 30 VDC, latching, 4 PDT	1973
19740086305	Production engineering measures for packages for microstrip integrated circuits	1973
19740086308	Production engineering measure for multistage solid state power amplifiers	1973
19740086309	Production engineering measure for high current, fast switching transistors	1973
19740086310	Evaluation of improved ballistic-resistant, self-sealing aircraft fuel tank materials	1973
19740086311	Electromagnetic interference qualification test report for auxiliary navigation selector panel, pilot and copilot flight director subsystem	1973
19740086312	Magnetic bubble research	1973
19740086314	Standoff Modular Missile (SOM). Family study: Volume 4: Cost analysis	1973
19740086316	OV-1D (Mohawk) vibration data for countermeasure set AN/ALQ-80	1973
19740086319	Spread spectrum sensor power amplifier	1973
19740086320	Ground distance measurements from panoramic aerial photographs	1973
19740086324	Close air support system (class) F-4D flight test. Volume 3. Computer programs	1973
19740086325	Calculation of shaped-charge jets using engineering approximations and finite difference computer codes. Volume 2: Modification and utilization of a two-dimensional finite difference continuum mechanics code to calculate the jet formation parameters for any generalized axisymmetric shaped charge	1973
19740086326	Charge coupled devices for multichannel video processors, part 1	1973
19740086327	Clear air turbulence radiometric detection program. Operating procedures-flight test supplement	1973
19740086328	Annual single element funding status report missile technology. Volume 11: Nuclear effects	1973
19740086329	Exploratory development leading to improved materials for self-sealing aircraft fuel systems	1973
19740086330	Advanced simulation facility data processing system simulator (ASFDPS)	1973
19740086331	Parallel H/I-band KW pulse traveling-wave tube study	1973
19740086332	Blocking valve sea water submergence test	1973
19740086333	An investigation into the encapsulation of thick film hybrid modules	1973
19740086335	Monthly bulletin, Canadian upper air data, July 1973	1973
19740086336	Scaling loudness, noisiness, and annoyance of aircraft noise	1973
19740086337	Annual report, 1972	1973
19740086338	Experiences with elevated and ground level stereo and tilted storage gauges in the basin of Baye de Montreux. Effect of temperature on the precipitation measurement by means of storage gauges	1973
19740086340	Fabrication and preliminary testing of a 3kW hydrogen resistojet	1973
19740086341	Annual report, 1972 - 1973	1973
19740086342	Hercules C Mk 1. Air-drop trials of the Bridport Gundry Limited low cost net container	1973
19740086344	Development of an integrated epitaxial YIG tunable microwave filter	1973
19740086345	Some computer programs for infra-red spectral data handling	1973
19740086346	Glass passivation and protection for silicon junctions	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086347	Epitaxial growth of magnetic bubble materials	1973
19740086348	Detector for magnetic bubble store	1973
19740086349	Rapid response cathode ray phosphors	1973
19740086350	Deposition of polycrystalline silicon	1973
19740086351	A study of metal contacts to silicon	1973
19740086353	A survey of structure and microsegregation in directionally solidified ingots for armour plate	1973
19740086354	Syntactic foams from cenospheres	1973
19740086355	Microwave acoustic delay line	1973
19740086356	Electrocatalysts for acid electrolyte fuel cells	1973
19740086362	LOX impact tests on Fluorel E2160 simulated O-rings	1973
19740086374	Preliminary report from the Energy Policy Workshop	1973
19740086375	The Energy Policy Workshop	1973
19740086376	A review of limited beam-steering microwave antennas for communications satellite earth stations	1973
19740086377	A parametric method of turbine blade profile design	1973
19740086378	Iron compounds in flames: Relative stabilities of Fe, FeO, FeOH and Fe(OH) ₂	1973
19740086381	Parachute filling time and opening force estimates	1973
19740086392	An analysis of ride quality rating procedures	1973
19740086404	Measurements of Reynolds stresses in compressible flow	1973
19740086415	Evaluation of Bourns SFR (Selected Fixed Resistance) resistors	1973
19740086416	Summary technical report variable camber wing, phase 1	1973
19740086417	High power CW electrical excitation techniques	1973
19740086419	Analysis and simulation of an interdiction, reconnaissance attack system (IRAS)	1973
19740086421	Radar set AN/TPS-58A, ET/ST	1973
19740086422	The effect of projectile nose shape upon ballistic limit velocity, residual velocity, and ricochet obliquity	1973
19740086424	Self-sufficiency in energy: A national policy	1973
19740086427	The transition of F-111 intermediate level automatic test equipment software responsibility from AFSC to AFLC (A case description and analysis)	1973
19740086429	Advanced wrought nickel-base alloy turbine disk evaluation	1973
19740086431	Armored structural helicopter fuselage study	1973
19740086433	The 1000 V modulator EBS	1973
19740086436	Transonic aerodynamic characteristics of light anti-tank projectiles	1973
19740086437	Report on test and evaluation of resubmitted First Article Belfort Instrument Printer, Projection EN-52B	1973
19740086438	Evaluation of Meteorological Data Sounding System (MDSS) AN/UMO-7	1973
19740086440	Growth of barium sodium niobate crystals for second harmonic generation	1973
19740086441	Remote settable fuze for 2.74 inch rocket	1973
19740086443	Titan 2 extended life analysis report	1973
19740086450	Organic electrolyte batteries for sensors	1973
19740086451	Development of high reliability RF keyed crossed field amplifier	1973
19740086452	Observations on the effect of stepwise ionization on the distribution function and transport and Balancing maxima of electrons in the neon low pressure plasma at a low degree of ionization	1973
19740086453	Biodegradation of benzene	1973
19740086458	The H-3 helicopter battery system investigation	1973
19740086459	On the optimization of clutter rejection of a nonrecursive moving target indication filter	1973
19740086460	An experimental radar antenna employing printed-circuit techniques	1973
19740086461	Shipboard test program for evaluation of potential failures, modes and effects of differential real and reactive load-division circuitry	1973
19740086462	Fire fighting in an airplane	1973
19740086465	C-5A category 1 engineering flight test. Malfunction Detection, Analysis and Recording (MADAR) subsystem test results. Addendum 1	1973
19740086466	Local gravimetric determination of horizontal gravity derivatives	1973
19740086467	Correlation between gravity anomalies, terrain reductions and elevations in the area of Czechoslovakia	1973
19740086468	The psychological and physiological selection of flight personnel	1973
19740086469	Comet Kohoutek (1973F)	1973
19740086470	Qualification test report, LMSC Santa Cruz Facility CDF castings	1973
19740086474	Application of the Kalman filter to navigation application	1973
19740086475	Recent adjustment and prediction procedures	1973
19740086476	NRA subsystem evaluation test report 4.3.3.24, 2 X 1 test, code change mode	1973
19740086478	Expanded service test of prefabricated aluminum landing mat (heavy duty)	1973
19740086483	Wind tunnel tests and flight performance valuations of several modular weapon configurations	1973
19740086484	Studies on thermal oxidation of certain high temperature heterocyclic polymers	1973
19740086485	The application of multiplexing to the A-7D aircraft	1973
19740086487	Aircraft avionics (digital avionics) study. Volume 4, appendix C: Cost trade analysis	1973
19740086488	Small turbine engine analysis program high-pressure turbine. Volume 1: Design	1973
19740086489	Handbook summary of inertial guidance for air to surface missiles, volume 1	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086490	Attack helicopter - daylight offense (USACDEC Experiment 43.8). Volume 4: Scout helicopter artillery observation	1973
19740086491	Tactical Helicopter Employment Study (THES). Volume 1: Main report. Supplement 2: User's guide	1973
19740086492	Arctic surface effect vehicle program. Volume 4: Task 2.1.3 vehicle dynamics	1973
19740086493	Production Engineering Measure (PEM) power supplies for 18 and 25 mm second generation image intensifier tubes, volume 1	1973
19740086494	A theoretical method for calculating the aerodynamic characteristics of arbitrary jet-flapped wings. Volume 2: EVD jet-wing computer program user's manual	1973
19740086496	Rare earth laser engineering program, part 2	1973
19740086497	Quality assurance for advanced composite aircraft structures, volume 1	1973
19740086498	Quality assurance procedures for advanced composite aircraft structures, volume 2	1973
19740086499	Modified Detroit diesel engine model 8V-71N 1000 hour test results	1973
19740086501	Advanced composite engine static structures development	1973
19740086502	Power converter module	1973
19740086504	Electrical contact phenomena	1973
19740086505	High frequency high intensity solid state green lamps	1973
19740086506	Development of a prototype magnetic bubble store	1973
19740086507	Study of Manginin type alloys	1973
19740086508	Gas discharge matrix display dc system	1973
19740086509	Mechanical and physical properties of discontinuous carbon fibre reinforced plastics. Part 1: Effect of temperature and strain rate on the flexural properties of aligned discontinuous carbon fibre thermoset composites	1973
19740086511	UHF power transistor for linear operation	1973
19740086512	A new technique of dielectric isolation and its application to integrated circuits and high frequency transistors	1973
19740086513	A new technique of complete dielectric isolation for integrated circuits	1973
19740086514	The preparation of defect free epitaxy	1973
19740086515	Perturbation about neutral solutions occurring in shear flows in stratified, incompressible and inviscid fluids	1973
19740086516	On the mass transport induced by time-dependent oscillations of finite amplitude in a nonhomogeneous fluid. Part 2: General results for a liquid	1973
19740086517	On the mass transport induced by time-dependent oscillations of finite amplitude in a nonhomogeneous fluid. i. General results for a perfect gas	1973
19740086519	Improved room temperature laser	1973
19740086520	Synthetic substrates for acoustic surface waves	1973
19740086521	Failure mechanisms in solid electrolytic capacitors	1973
19740086522	Integrated circuit failure mode analysis	1973
19740086523	Wire wrapped joints	1973
19740086524	Improved solderability for printed circuit board and component assembly	1973
19740086525	Black Brant rocket AAF-VB-37 launched at Churchill Research Range 0419 CDT, 16 May 1973: Operations requirement number 7207	1973
19740086526	An investigation of methods of analysis of additives in automotive engine oils and of following depletion of additives in standard engine tests. Part 1: The quantitative determination of zinc dialkyldithiophosphates, sulphonates and phosphonates in used oils	1973
19740086527	An optical model of laser beams	1973
19740086528	An investigation of methods of analysis of additives in automotive engine oils and of following depletion of additives in standard engine tests. Part 2: The quantitative determination of alkylsalicylates	1973
19740086529	IR optical fibers	1973
19740086530	A guide for the uniform testing of real-time thermal imaging systems	1973
19740086531	Nondestructive determination of wall thickness of A-6 bleed air ducts	1973
19740086532	Evaluation of low voltage switchgear for ship-to-shore power	1973
19740086535	Terminal defense program real-time software development	1973
19740086536	Monopropellant gas power source	1973
19740086541	Parts evaluation report on semiconductor, diode, rectifier, silicon, grown, plastic	1973
19740086542	Parts evaluation report on semiconductor, diode, rectifier, silicon, grown, plastic	1973
19740086543	Charge coupled memory	1973
19740086544	Thad autopilot parts follow-on program	1973
19740086550	Short term evaluation of Skylab feed-thru filters	1973
19740086552	Existing and proposed antenna system designs for US Marine Corps landing vehicle, tracked, communications	1973
19740086554	Survivable flight control system	1973
19740086555	Multipath tracking error characteristics of a conical scan radar	1973
19740086556	General technical data test planning, resistor screening	1973
19740086560	A digital computer program for extracting aerodynamic coefficients from six degree of freedom dynamic data	1973
19740086561	Executive summary of airborne SHF SATCOM terminal flight test	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086562	Pre-Edit Processor/Report And Message Processor (PREP/RAMP) installation of PREP/RAMP	1973
19740086563	Experiments of long-range detection by balloons	1973
19740086564	Studies of the impact fracture characteristics of composite materials	1973
19740086565	Short pulse transmitter investigation	1973
19740086566	Liquid crystal devices	1973
19740086567	Model development and BMD criteria. Phase 8	1973
19740086575	Exploratory development leading to improved phenylquinoxaline polymers	1973
19740086576	Collision and Obstacle/Terrain Avoidance Warning System (COTAWS) laser angular coverage techniques study, supplement 1	1973
19740086577	HF/DF techniques investigation	1973
19740086578	Fault tolerant systems	1973
19740086579	Position And Surveying System (PASS) AN/USQ-56 () (V)	1973
19740086582	Test procedure, for real-ear attenuation and earphone/microphone intelligibility measurements of flight helmets	1973
19740086583	Sampling tests two type MS 90365-2 nickel-cadmium aircraft batteries manufactured by Marathon Battery Company under contract N00019-72-C-0563	1973
19740086586	Radioactive temperature indicator development	1973
19740086589	Production engineering measure for sealed beam xenon lamps	1973
19740086590	Systems of quantitative evaluation in gas chromatographic analysis	1973
19740086591	Prediction and filtering with two different groups of reference points	1973
19740086592	Methodology investigation of air handling equipment for dust test chamber	1973
19740086593	Evaluate study of the content and display of new and existing technical data to support Air Force maintenance	1973
19740086594	Assessment of miniature chemical torches	1973
19740086595	International standardization in the field of plastics	1973
19740086598	Design and development of high charge rate nickel-cadmium batteries	1973
19740086599	Application of pulsed holography for the investigation of dynamic particle fields	1973
19740086602	Influence of the viscous interaction parameter on the aerodynamic coefficients and on the heat transfer of a reentry body at very low densities for the whole region of angle of attack	1973
19740086603	The converter as a direction controlled sensor for measuring molecular flow fields in non-isothermal vacuum facilities	1973
19740086605	Calculated interferences of the helios-low gain antenna	1973
19740086606	In-flight and simulator comparison of a CRT-display with conventional instruments	1973
19740086607	The laser weapon: 'Death rays'	1973
19740086613	On the structure of thermal layers near the air-sea interface	1973
19740086614	Monthly bulletin. Canadian upper data, September 1973	1973
19740086616	Techniques for investigation of unconfined fuel-air detonations	1973
19740086618	Compass preview film transport	1973
19740086620	Hydrolytic stability of an extruded polyester urethane rubber coaxial cable jacket	1973
19740086623	Study of swept frequency radiometer techniques	1973
19740086686	A study of detectors for extremely relativistic particles	1973
19740086692	A unified metabolism detector for Mars	1973
19740086694	Interim operational system feasibility study	1973
19740086734	The effects of geometric parameters on static pressure measurements in a rarefied hypersonic flow	1973
19740086735	Aircraft flutter simulation by means of the electronic analogue computer with special regard to structural nonlinearities	1973
19740086736	Investigation of night vision equipment as a helicopter flight aid (low level night operations with LLLTV and FLIR systems)	1973
19740086739	Experimental reaction study of unsymmetrical dimethylhydrazine and fuming nitric acid liquid propellants on the test stand	1973
19740086740	The remote detection of terrestrial resources at the CNES, part 1	1973
19740086742	Evaluation of electroexplosive device response to electromagnetic radiation. D74B1 detonator	1973
19740086743	IMAGE: A simulation model for intermediate maintenance activity generic evaluations	1973
19740086744	Investigation of a multibeam FLIR display system	1973
19740086745	Description of a water tank and of initial low Reynolds number flow and buoyant free model tests	1973
19740086746	Aircraft avionics tradeoff study	1973
19740086748	Summary of re-entry physics research program on turbulent wakes	1973
19740086749	Airborne SHF satellite terminal test	1973
19740086750	Improved electromagnetic compatibility (EMC) analysis. Volume 1: Report on tasks 1 and 3-9	1973
19740086753	RADC accomplishments FY - 73, volume 2	1973
19740086754	AFFDL 50 mw rent facility calibration. Volume 2: Appendices D through H	1973
19740086759	Test and evaluation of the Ohio air-vac transport incubator for use in aeromedical airlift	1973
19740086764	RPV air cushion landing system applications study summary	1973
19740086771	Electronic Location Finder (ELF) user evaluation report	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086773	Sampling tests, of one, type MS 3319-1, nickel-cadmium battery, manufactured by Gulton Battery Corporation under contract N00383-70-C-2922	1973
19740086774	Failure analysis of a broken hat dipped galvanized aisi prototype hook assembly	1973
19740086777	The space environmental simulation chamber of the Space Center in Toulouse	1973
19740086781	Serviceability test of AIM 4A/D igniters (AIM 4A/D missiles)	1973
19740086786	Prestressing of boron and graphite epoxy prepreg for composite strength improvement	1973
19740086791	Terminal homing engineering flight tests T-6-6/ALS and MT7-65/ALS missile test, 24 April 1973. Mutual interference test	1973
19740086794	SST technology follow-on program-Phase 2. Flutter studies of a supersonic transport wing with mass balance	1973
19740086807	Evaluation of flight test results of the BQM-34E target drone using the A/A37G-9 flight control system	1973
19740086813	DMAAC technical translations list	1973
19740086819	Factors that affect the solid phase bonding of gold wire electrical leads	1973
19740086820	A bibliography on vacuum switch tube vacuum arc, and vacuum breakdown literature	1973
19740086824	Coil, radio frequency	1973
19740086825	Coil, radio frequency	1973
19740086828	Coil, radio frequency	1973
19740086829	Pilot report: Westland Sea King	1973
19740086831	Scan converter tube, 254315	1973
19740086847	EMP Electronic Design Handbook	1973
19740086848	The current system around the British isles as it related to offshore structures, an assessment	1973
19740086853	Artificial life synthesis and genetic engineering	1973
19740086854	Progress in research related to genetic engineering and life synthesis	1973
19740086870	A technique for analysing the results of a flutter calculation	1973
19740086873	A streamline curvature computer program for analysing the subsonic compressible flow past a cascade of aerofoils	1973
19740086874	Rubbing bearings for aircraft: A survey of applications, materials and needs	1973
19740086875	Stability and vibration analysis of interconnected thin-walled structures. An introduction to recently developed computer programmes	1973
19740086901	A study of stability and control characteristics of a circulation-controlled rotor and helicopter. Appendices D through G	1973
19740086902	Military potential of the extreme infrared: Technology and applications	1973
19740086903	Determination of saw blade tooth geometry for RAP propellant	1973
19740086904	Investigations conducted under the analytical rework and maintenance engineering support programs	1973
19740086905	Second Air Force preliminary evaluation of the F-5E 'international fighter aircraft'. Propulsion and fuel systems	1973
19740086906	Sampling tests of eight, type MS 90321-86 nickel-cadmium cells, manufactured by Marathon Battery Company under contract N00383-72-C-2039	1973
19740086907	Radio navigation	1973
19740086909	Survivable flight control system. Supplement 2: Supplement for survivable stabilator actuator package design and analysis	1973
19740086910	Integrated circuits, linear, general specification of microelectronic circuits, monolithic circuits	1973
19740086913	Production engineering measure for sealed beam xenon lamps	1973
19740086917	Feasibility investigation of antenna group OE-120(XN-1)/UPX	1973
19740086918	Model development and BMD criteria, phase 7	1973
19740086919	Exploratory development of low thermal conductivity carbon fibers	1973
19740086920	Survey of the AMC combustion of propellants program fiscal year 1972, 1973	1973
19740086922	Radioactive temperature indicator development	1973
19740086923	Radioactive temperature indicator development	1973
19740086924	Applications of fluidized bed electrodes in electrochemical systems	1973
19740086926	Technical evaluation of an engineering model of interrogator set AN/UPX-27	1973
19740086927	NRA subsystem evaluation test report 4.3.3.21, OGE/MGF compatibility fault insertion and isolation	1973
19740086931	Heterogeneous laminate metallic armor systems	1973
19740086934	WOX 93D spin thermal battery power supply	1973
19740086936	Analysis of maintenance (when discovered) code for HS class aircraft	1973
19740086940	Time domain analysis of an automatic gain control weighted diversity combining system	1973
19740086943	Qualification test for the relay box, F/N 233-10004-1	1973
19740086947	Analysis of delivery accuracy for AH-1G (COBRA) launched 2.75-inch rocket from tests conducted in the 1966 to 1970 time frame	1973
19740086948	The study of on-board oxygen generating systems, phase 2	1973
19740086949	T.M.E. helmets, testing of	1973
19740086950	Photo-chemical etching process for the production of titanium fluidic laminates	1973
19740086952	The 1.06-micron image intensifier tube development	1973
19740086953	Development of glass-sealed transmission 3-5 photocathodes	1973
19740086954	SIMPAR signal processor system manual	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086955	Studies of silver interlayer photocathodes at 1.06 microns	1973
19740086956	Production engineering measure for mechanized production and test equipment for high volume subminiature ceramic chip capacitors	1973
19740086959	Space communications	1973
19740086967	Ear protector/earphone evaluation test	1973
19740086970	Performance and screening of filters, electrical, 30-300KHz low pass, fixed	1973
19740086973	Direct digital modulation converter	1973
19740086975	Low drain integrated circuit assemblies for wideband applications	1973
19740086976	Liquid optical viewing system	1973
19740086977	Evaluation of electroexplosive device response to electromagnetic radiation. MK 1, Mod 0 Squib	1973
19740086978	Evaluation of electroexplosive device response to electromagnetic radiation. Mk 2, Mod 0 Squib	1973
19740086979	Evaluation of electroexplosive device response to electromagnetic radiation. E-81 blasting cap	1973
19740086983	High pressure transducer	1973
19740086984	Density and temperature distributions in hypersonic cone wakes	1973
19740086985	Absolute electron density measurements in turbulent hypersonic sphere wakes with Langmuir probes	1973
19740086987	Diaols enhancements	1973
19740086990	SST technology follow-on program-phase 2: Correlation of flutter analysis and test results for half-span SST wing models in subsonic and supersonic flow	1973
19740086991	Digital conferencing units	1973
19740086992	Quantic Industries Mode IVR horizon sensor subsystem qualification unit. Volume 2: Horizon tracker qualification test data	1973
19740086993	Quantic Industries mode IVR horizon sensor subsystem qualification unit. Volume 3: Horizon tracker and CEU qualification test data	1973
19740086994	Quantic Industries Mode IVR horizon sensor subsystem qualification unit. Volume 4: Horizon tracker and CEU qualification-environment test data	1973
19740087000	Incremental growth vehicle formulation and analysis, Volume 2: Analysis and design	1973
19740087001	Polyarylsulfone resins as new, thermally stable transparent plastics for aircraft enclosures	1973
19740087004	Infrared detector mosaic development	1973
19740087007	Development of a laboratory model of a non-aqueous high energy battery (phase 1)	1973
19740087010	Laboratory characterization and research on the performance of window materials for high power IR lasers	1973
19740087012	Characterization of transition and relaxation phenomena in new polymers	1973
19740087013	Intrinsic vulnerability of the Heavy-Lift Helicopter (HLH) rotor blade to thermal environments from a nuclear detonation	1973
19740087017	Factory packaged sonobuoy plastic launcher	1973
19740087020	Closure LSC backblast attenuation evaluation tests	1973
19740087021	Atmospheric turbulence measurement program	1973
19740087024	Brazing of beryllium for structural applications	1973
19740087025	On electrochemical storage and disposition of energy	1973
19740087026	Hydrothermal growth of thiogallate crystals	1973
19740087027	Plasma spray deposition of ferrites	1973
19740087028	Study of GaAs photocathodes in devices	1973
19740087029	Black, Brant rocket APF-IVB-30 launched at Kauai, Hawaii, 0300 local time, 21 Jun. 1973, operations requirement number 7252: Detection of galactic and cosmic soft X-rays	1973
19740087030	Experimental investigation of boat-tailed afterbodies with driving bands in transonic flow	1973
19740087034	Production assessment test report on capacitor, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor hi-rel	1973
19740087040	Plastic coatings for electronics by vapor deposition	1973
19740087041	Microcircuit, linear, operational amplifier, monolithic, silicon	1973
19740087043	Transformer, pulse	1973
19740087046	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1973
19740087048	Qualification test report valve, roll control	1973
19740087050	Literature references on hermetic seal materials	1973
19740087058	Digital MTD processors	1973
19740087107	Predelivery acceptance test procedures for the CM auxiliary drug kit	1973
19740087108	Preinstallation acceptance test procedures for the CM auxiliary drug kit	1973
19740087109	Preinstallation acceptance test procedures for the medical accessories kit	1973
19740087129	Predelivery acceptance test procedures for the medical accessories kit	1973
19740087150	Exploratory and advanced development programs	1973
19740087151	The 0.85 micron solid state laser material evaluation, part 2	1973
19740087155	Production engineering measure for high burnout resistant mixer diodes	1973
19740087157	Test report for compression test of model cylinders	1973
19740087159	Nd YAG laser lab experiments	1973
19740087161	Test evaluation report: DRAGON maintenance test set qualification tests	1973
19740087162	Airborne conformal electronic scanning array	1973
19740087166	Hybrid waveguides, integrated optics for 10 micron wavelengths	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087167	Aerodynamic configuration and component definition study, Phase 1	1973
19740087168	Geometric scale modeling of an AECo switch	1973
19740087170	Report on the meeting of the Scientific Committee on Flight Characteristics and Flight Testing technology on 10/11 October 1972. Subject: Evaluation of aircraft characteristics from flight test datas	1973
19740087171	Reliability of hydraulic components redundant electrohydraulic servoactuators	1973
19740087172	A contribution to the non-linear lift and pitching moment properties of slender wing-body combinations	1973
19740087173	Determinations of the core and boundaries of hot free jets using short-time photography	1973
19740087174	A hybrid electrohydraulic stick-force-simulator	1973
19740087175	Absolute velocity measurements in a rarefied gas flow by an ion time-of-flight technique	1973
19740087176	Specific impulse losses in solid propellant rockets	1973
19740087178	The use of CIRA 65 and CIRA 72 atmosphere models for determining the orbit of geodetic stellites	1973
19740087179	Singular-coupling phenomena between inviscid flow and turbulent boundary layer	1973
19740087180	Kinetic theory study of free jet expansions in pre-skimmer chambers: Free molecular flow analysis	1973
19740087181	The calculation of pressures, forces and moments acting on an aircraft with externally mounted stores at subsonic and supersonic speeds	1973
19740087182	The compressible laminar boundary layer flow at a three dimensional stagnation point with strong injection or suction	1973
19740087183	Investigation of the possibility of utilizing Ferroelectric crystals with large pyroelectric effect in image forming tubes with electron scanning	1973
19740087185	High resolution infrared spectrometry applied to the study of atmospheric minor constituents or pollutants	1973
19740087186	The boundary layer of higher order at the stagnation line of a yawing cylinder with strong suction or injection	1973
19740087188	Electron beam studies of Schottky-barrier detector surface	1973
19740087189	Evaluation of pigtail corrosion preventative sealants for communications cable CLOSE-OUTS	1973
19740087193	Component validation, relay, T-bar, PIN 931-G412-1,QIS-RF system	1973
19740087195	Shock-on-shock pressure measurements at Mach 5 from rocket-propelled sled tests. Phase 1: Lateral intercepts	1973
19740087198	The OMNIS covariance program: Analysis and design of multisensor navigation systems	1973
19740087202	Small, high speed bearing technology	1973
19740087211	Payload requirements for remotely controlled longrange lunar traverse vehicles	1973
19740087217	Development of fibre reinforced metal matrix composites	1973
19740087246	Fiber optics and related technology	1973
19740087248	Implications on transonic maneuverability based on an experimental study of an F-4 aircraft model with quasi-free floating close-coupled canard	1973
19740087252	Solid inelastic interaction for low energy electrons	1973
19740087256	Representation of the motion of a satellite in an anisotropic gravitational field by power-series	1973
19740087260	Surface phenomena in thermionic research	1973
19740087261	Measurement device to record the critical flicker fusion frequency	1973
19740087262	Measurements of scattered light in the mesosphere, part 2	1973
19740087263	Black sand placers 1. Mozambique ore microscopic investigations on magnetic separation products	1973
19740087264	Calibration of three component strain gage balances for measurements of extremely low forces in low density flows	1973
19740087267	Proceedings of a colloquium held at the DFVLR Research Centre	1973
19740087268	Recording of serial PCM data on analog magnetic tape instrumentation recorders	1973
19740087269	Base pressure measurements in order to find optimum dimensions of broken trailing edges	1973
19740087270	Lift, drag and base pressure measurements on a rectangular wing having a blunt trailing edge and fitted with various splitter plates	1973
19740087271	Five component measurements on the MBB reentry vehicle at hypersonic Mach numbers and small Reynolds numbers	1973
19740087272	Calculation of the unsteady pressure distributions on a harmonically oscillating slender body with wing and fin	1973
19740087275	Experimental study of the molecular beam destruction by beam-beam and beam-background scattering	1973
19740087277	Helicopter noise: Fundamentals of helicopter noise generation and rating. Calculation of the overall sound pressure level	1973
19740087278	Experimental investigations of hypersonic, lows density flow behind water cooled and liquid nitrogen cooled nozzles in the DFVLR-wind tunnel PK1	1973
19740087279	Aerodynamic forces on a simple reentry configuration at angles of attack up to 50 deg. in hypersonic flow	1973
19740087280	Theoretical studies of the transport of solar radiation in a realistic model of the ocean-atmosphere system	1973
19740087281	A rocket borne Mattauch-Herzog mass spectrometer with helium cooled ion source for atmospheric density and composition measurements	1973
19740087282	Investigation into the effect of various accelerated ageing tests on metal and organic finishes used as an aid to soldering on printed wiring boards	1973
19740087283	Microwave integrated power transistor amplifiers	1973
19740087284	Ion implantation in CDI	1973
19740087285	Neodymium laser glass	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087286	Material for high peak power gunn devices	1973
19740087287	Investigation of dielectric optical coatings for lasers	1973
19740087290	Occupational safety in an electromagnetic environment	1973
19740087291	Study of encapsulation techniques for microwave integrated circuits	1973
19740087292	Research on methods of developing improved thermal detectors	1973
19740087293	The piezoelectric, pyroelectric and dielectric properties of thin ceramic elements	1973
19740087294	Infra-red materials research	1973
19740087295	Monthly record: Meteorological observations in Canada, May 1973	1973
19740087296	Monthly bulletin: Canadian upper air data, August 1973	1973
19740087298	Improved thick film resistor pastes	1973
19740087299	Development projects VX 1090 and VX 1092	1973
19740087300	Disc-supported ring-bar structures	1973
19740087301	Interband carrier transfer in semiconductors at very high pressures	1973
19740087302	Implicit difference methods for partial differential equations	1973
19740087303	The use of air augmentation for rocket engines	1973
19740087304	An experiment in aural detection of helicopters	1973
19740087305	SST technology follow-on program-phase 2. ADEDS-SST design data summary	1973
19740087313	Microwave analysis of the terrain reflector camouflage concept	1973
19740087315	Structural weight estimation program for advanced missile designs	1973
19740087317	Techniques used in conducting a true operational test and evaluation of a deployed missile system	1973
19740087326	Quality assurance briefs	1973
19740087327	Vulnerability analysis of the A-4M and AV-8A aircraft to selected threats (U)	1973
19740087364	Off-normal-incidence performance of circuit analog radar absorbing material (U)	1973
19740087383	ASTP single failure point summary	1973
19740087384	KSC Saturn 5 and Skylab record system	1973
19740087405	Performance evaluation and parametric sizing study of the baseline SSPS	1973
19740087417	Modified isoplanar process for radiation hardened dielectrically isolated integrated circuits	1973
19740087422	Manufacture of beryllium structures	1973
19740087424	Payload functional integration test report, S3-1 satellite	1973
19740087425	Production engineering measure for an Integrated Power Switch (IPS)	1973
19740087426	HIS 6000 Reconnaissance Information System (RIS). System specification	1973
19740087432	The SA 341 'Gazelle' helicopter	1973
19740087435	Terminal homing engineering flight test T6-7/ALS missile test, 4 Jun. 1973	1973
19740087436	Laser transmitter 1	1973
19740087442	US space launch systems	1973
19740087443	The study of the response of impacted granite rods using dynamic moire techniques	1973
19740087446	Microstructure-property relationships in the HY-130	1973
19740087448	Development of 300 F electrical sealants	1973
19740087450	Materials testing and holography	1973
19740087451	Hercules motor bike with wankel engine	1973
19740087452	Analytic mathematical models for tactical military communications channels	1973
19740087453	Hot line/helmet display flight test program	1973
19740087455	S-band long-life grid-controlled amplifier	1973
19740087456	S-band long life high performance grid controlled tube	1973
19740087457	Position location reporting system	1973
19740087460	Graphitic nose tip materials ablation tests	1973
19740087461	Evaluation of the Sperry/Decca navigation system with TANS computer	1973
19740087462	Adhesion/temperature test report	1973
19740087463	Literature references on lightning effects on avionic equipment	1973
19740087467	Normal and radiation modeling of and-or-in-verter integrated circuits for use with computed-aided design and analysis programs	1973
19740087469	Performance evaluation of the F-4J aircraft with J79-GE-10 and J79 growth engines	1973
19740087473	Normal and radiation modeling of a 4 bit shift register integrated circuit for use with computer aided design and analysis programs	1973
19740087480	Acoustic emissions used to nondestructively determine crack locations in aircraft structural fatigue specimen	1973
19740087483	Surveillance program summary report for gas storage assembly	1973
19740087485	A new equalization technique	1973
19740087486	Boundary-layer effects on pressure variations in tube wind tunnels	1973
19740087496	Production engineering measure for improved reliability of hermetic seal wet-anode tantalum capacitors	1973
19740087497	Literature references on fault tolerance, error detection and redundant management of flight control systems	1973
19740087500	Semitransparent III-V photocathode materials	1973
19740087501	Technology of image tubes using III-V compound photocathodes	1973
19740087504	A glass command-break disc valve for a pneumatic missile launch system	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087505	Anisotropic Hugoniot of cloth-laminate quartz phenolic (0, 45 and 90 deg lay-up angles)	1973
19740087508	Final report for the thermal control of airborne phased array systems	1973
19740087510	Investigation torque brake deletion MLG retraction mechanism	1973
19740087512	Radar interrogator	1973
19740087526	Production engineering measure for thin film ratiometer	1973
19740087531	Production engineering measures vapor phase cooled traveling wave tubes	1973
19740087532	Acquisition and tracking assembly 1	1973
19740087533	Qualification test report hydraulic power unit	1973
19740087534	Tailored VAST (Versatile Avionics Shop Test) computer simulation model	1973
19740087536	Catalog of technical publications	1973
19740087538	Analyses of the effect of a ballast on the losses of the ESD VLF trailing wire antenna system	1973
19740087541	C-5A horizontal stabilizer stress analysis	1973
19740087548	Performance characteristics of the deformographic storage display tube	1973
19740087550	An investigation of fatigue life performance in lap-type solder joints	1973
19740087552	Reliability investigation of the MSC 2010 transistor	1973
19740087558	Advance specification project: Engine oils	1973
19740087559	Qualification report for semiconductor device, diode, stripline per General Dynamics drawing 423-80	1973
19740087562	Integrated ablative and radiative heat shield panels and leading edges for high L/D reentry vehicles	1973
19740087569	Digital change detection analysis. Volume 2: Aerial photography	1973
19740087576	An exact and invariant first-order reliability format	1973
19740087577	Second-order collapse load analysis: A LP approach	1973
19740087578	Analysis of plastic frames allowing for the effect of axial forces	1973
19740087579	Direct computation of canonical forms for linear systems by elementary matrix operations	1973
19740087580	Decoupleable multivariable systems: Canonical forms and pole assignment	1973
19740087584	Ultrasonic inspection of titanium alloy forging billets	1973
19740087585	Ultrasonic inspection of titanium alloy forging billets	1973
19740087589	Machine-made connector joints for large size cable	1973
19740087594	The modeling of chemically reacting turbulent rocket exhaust plumes	1973
19740087599	Structural and dynamic analysis of the satellite power station (SSPS)	1973
19740087602	Systems analysis of solar energy programs	1973
19740087607	Evaluation of phenoxy resin as an epoxy resin joint mould material	1973
19740087620	Digital data acquisition system, 20 MHz	1973
19740087622	Qualification report for transformer, scan driver, quadrature per BuWeps drawing no. 1820981	1973
19740087625	X-24B growth version feasibility study	1973
19740087626	Exploratory development of chemical mechanisms of aging of polymers used as resins for structural composites	1973
19740087639	Positive expulsion tankage for strategic missiles	1973
19740087640	Methodology investigation on effects of vibration on life of selected major aircraft components	1973
19740087642	EMP hardening of GFE	1973
19740087644	Production engineering measure for VHF fundamental mode crystal blanks	1973
19740087649	Production engineering measure for an integrated circuit power amplifier 600-1000 MHz for tactical radio equipment	1973
19740087650	Microcircuit, TTL 1024 bit programmable read-only memory, monolithic silicon	1973
19740087651	Switch, squib actuated	1973
19740087654	Multiplexed microwave data communicator	1973
19740087660	Investigation of LAW rocket closure failures	1973
19740087664	Multi-purpose helicopter MBB BO 105	1973
19740087668	EMP Electronic Analysis Handbook	1973
19740087675	Triple 3 input NAND gate	1973
19740087680	Production engineering measure for sealed beam xenon lamps	1973
19740087682	Establishment of a US national test pilot school: A unified service approach	1973
19740087684	S-band long life high performance grid controlled tube	1973
19740087688	EMP coupling and propagation to power lines: Theory and experiments	1973
19740087691	The inverse filtering of gravimetric measurements	1973
19740087694	HIS 6000 Reconnaissance Information System (RIS). Data base specification	1973
19740087695	Design study: Experimental radar prediction device: Appendices	1973
19740087700	Determination of parachute ripcord pull forces during free-fall: Physiological studies of military parachutists via FM/FM telemetry - 4	1973
19740087704	Evaluation test report no. 3-0070, variable resistors, nonlinear,	1973
19740087716	Closed cycle cryogenic cooler technology and applications: Proceedings of the cryogenic cooler conference USAF Academy, Colo. 16-17 October 1973, volume 1	1973
19740087717	Alphanumeric gas discharge array	1973
19740087721	A piloted power approach simulation, volume 3	1973
19740087722	High strength, high modulus AlB2 flake reinforced composites	1973
19740087723	C-5A internal loads analysis aft fuselage, volume 1, revision C	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087724	Production engineering measure for hybrid integrated circuits for fuze applications. Part 1: Integrated arming and firing circuit. Part 2: Precision oscillator integrated circuit	1973
19740087727	C-5A internal loads analysis forward fuselage, volume 2	1973
19740087728	C-5A vertical stabilizer internal loads, volume 3	1973
19740087734	Application of coherent antistokes Raman scattering to gas concentration measurements and to flow visualization	1973
19740087735	Quarterly title list for the period ending December 1973	1973
19740087743	State-of-the-art survey on materials for electrical contact and connector applications	1973
19740087745	An adaptive digital compensator for saturating control systems	1973
19740087747	Calibrating the drift rates of strapdown electrostatic gyroscope	1973
19740087762	Laser receiver II	1973
19740087764	Design, development, fabrication and evaluation of a three-phase ten ampere solid state power controller breadboard	1973
19740087770	Adjustment of amplifiers	1973
19740087771	Design performance verification, 2	1973
19740087775	Report of test on magnetic clutches	1973
19740087782	Information content subsetting of highly correlated error sources	1973
19740087784	Design of supersonic turbine rotor and proposed testing of stator-rotor	1973
19740087787	Improvement of the L-band transceiver module	1973
19740087790	Use of NAD Crane isolated duct data to determine system optimum duct height	1973
19740087791	Designer's handbook for the thermal control of airborne phased array systems	1973
19740087793	Qualification of connector, plug, radio frequency	1973
19740087797	Service test of zinc-air battery, BA-536()/U	1973
19740087811	Use of time sharing multi-access computer systems in technical and scientific fields	1973
19740087813	Initial function firing test of the Navy ex50 mod-0 decoy flare with pyrotechnic discharger ASP SK-SWERR-W-142012	1973
19740087819	Direct impact effects in hypersonic erosion	1973
19740087821	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19740087822	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .10 - .125 watt	1973
19740087825	Operational hornet program	1973
19740087827	Simultaneous measurement of density and temperature fluctuations in a hypersonic wake	1973
19740087840	Microcircuit chip, beam leaded, read only memory, 256-bit	1973
19740087841	Microcircuit chip, beam lead, field effect transistor N-channel, silicon	1973
19740087842	Microcircuit chip beam leaded, field effect transistor, P channel, silicon	1973
19740087844	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1973
19740087850	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19740087858	Theory on the characteristics of helicopter rotors	1973
19740087868	Production engineering measures for packages for microwave integrated circuits	1973
19740087870	Low temperature thermoelectric cooler detector array package	1973
19740087871	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage	1973
19740087872	Evaluation of Kester 197 flux	1973
19740087879	ECM/ECCM evaluation program. Volume 7: Alternate remote sensor for PJL	1973
19740087880	Horizontal Situation Display (HSD)	1973
19740087881	Process for the manufacture of 3,3'-diaminobenzidine	1973
19740087882	Computer-aided sequential testing for equipment reliability	1973
19740087883	Analysis of an explosive projector	1973
19740087884	Ordinary differential equations: Numeric solutions, periodic solutions	1973
19740087891	Dissipation array performance communications site C-9, Eglin AFB, Florida	1973
19740087902	Stores interface data handling analysis, phase 1	1973
19740087904	Data processing/HAPDAR field test facility	1973
19740087905	Data processing/HAPDAR field test facility	1973
19740087906	New elastomeric polymers and specialty chemicals	1973
19740087907	Analog processing circuitry for a nuclear magnetic relaxation flow sensor	1973
19740087908	Quarterly operating report for radioisotopic power generators of the US Navy, volume 7, number 1	1973
19740087912	Design guide for propellant and explosive waste incineration	1973
19740087913	Qualification test of a free-fall sensor	1973
19740087914	Special study of methodology for evaluating system-peculiar test equipment	1973
19740087916	Development of third generation EPIC wafer diode image tubes	1973
19740087921	Power transistor package evaluation	1973
19740087922	Capacitor test program	1973
19740087932	Fast cooldown detector cooler module for dragon (U)	1973
19740087950	AV-8A concept of operations study (U)	1973
19740087965	Airborne METRRA system trade-off analysis and design, part 2 (U)	1973
19740087966	Airborne METRRA system trade-off analysis and design, part 1 (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087981	Hydrodynamic development of a high-speed hydrofoil catamaran (U)	1973
19740087982	Broadband, high power VHF crossed-field amplifier (U)	1973
19740087994	SQUARE DEAL R/V Seismic Explorer field operations report (U)	1973
19740088030	Development program for multi-mode traveling wave tube (U)	1973
19740088032	Comparisons among a manned and some remotely piloted aircraft systems for interdiction of moving trucks. Volume 2: Basic report (U)	1973
19740088036	The effectiveness of a new defense weapon in cloudy weather: Methodology and applications (U)	1973
19740088058	SEEK BAT air-to-air missile flight test (U)	1973
19740088118	Memory for ECM	1973
19740088121	Extended Definition Feasibility Study for Solar Electric Propulsion Stage (SEPS) Concept Definition. Volume 3: Program Planning Data	1973
19740088137	Jet provost MK 5: Miniature detonating cord clearance trails	1973
19740088138	Turbulent heat transfer measurements in a Mach 15 flow	1973
19740088140	The PLURAD code: A user's manual	1973
19740088143	Radiation effects on discrete devices and integrated circuits fabricated in SOIS	1973
19740088147	Catapult condition fatigue test model A-4E/F aircraft	1973
19740088149	Development of the E1-Bilen Norwegian electric vehicle	1973
19740088152	Physiological investigations on the British biathlon team: 1971 - 1972	1973
19740088154	The development of the oxygen index concept for the assessment of the flammability characteristics of materials	1973
19740088155	Development of third generation EPIC wafer diode image tubes	1973
19740088156	Development of third generation EPIC wafer diode image tubes	1973
19740088164	Response of integrated circuits to a simulated IEMP environment	1973
19740088175	Another linear programming approach to USAF conventional weapons planning	1973
19740088176	Development of portable Ion Mobility Spectrometer (IMS)	1973
19740088181	Institute for tele transmission theory, volume 6	1973
19740088197	Statistical summary of landing parameters for the AV-8A aircraft during field and carrier operations	1973
19740088198	Design study: Experimental radar prediction device	1973
19740088199	Portable volume controlled respirator critical component development	1973
19740088203	Applications of Fourier optics techniques to acoustic signal analysis	1973
19740088207	Computer-aided analysis and design of a fluidic G switch	1973
19740088208	A study of infrared emitters	1973
19740088209	Altitude test YE104-GA-100 engine SN 16	1973
19740088210	Bulk processing of fluomine Navy/Air Force Oxygen Generator System (NAOGS)	1973
19740088211	Proceeding of Symposium on Visually Coupled systems: Development and application	1973
19740088212	Life cycle cost of modular electronic equipment	1973
19740088213	Program MANDIS. User's manual	1973
19740088216	Experimental field-emission cathodes. An assessment of possible applications to low level image intensification problems	1973
19740088217	High temperature subsonic rain erosion resistant fluoroelastomer coatings	1973
19740088219	Maintainability/reliability impact on system support costs	1973
19740088220	Application to nonaqueous systems	1973
19740088225	Production engineering measures for the PP-6075()/U thermoelectric power source	1973
19740088226	Application of advanced composites to hydrofoil strut	1973
19740088228	Parachute altitude sensing device. Parachute deployment electronic fuze FMU-115/B	1973
19740088233	Fairbanks morse diesel engine model 38ND8-1/8 2000 hour test results	1973
19740088241	Laser scoring system study, volume 1	1973
19740088242	Laser scoring system study, volume 2	1973
19740088243	Night photographic system, part 1	1973
19740088249	High power infrared laser window materials LQ-10 program	1973
19740088251	Concorde 001 flying qualities tests	1973
19740088254	Production engineering measure for mechanized production and test equipment for high volume subminiature ceramic chip capacitors	1973
19740088256	Parts evaluation report transistor	1973
19740088257	Load-deflection and related properties of grades 1835 and 3865F Monsanto polyether polyurethane foam	1973
19740088258	Parts evaluation report transistor	1973
19740088259	Parts evaluation report diode-stud rectifier	1973
19740088261	Production assessment test report on transformer, power, NOC, enclosed, audio frequency, NOC	1973
19740088289	Report of test on light emitting diode (MV 10B) qualification	1973
19740088291	An assessment of hiduminium 48 modified by a small copper addition	1973
19740088293	RTV adhesive for downhoe use	1973
19740088297	On the development of laser equipment for geodetic alignment measurements	1973
19740088299	An analytical method for predicting height-velocity diagram and critical decision point of rotorcraft	1973
19740088305	Engineering test (desert) of dust control material and liquid distributor for dust control	1973
19740088311	Parts evaluation report resistor	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740088315	Aerodynamic configuration and component definition study, phase 2	1973
19740088316	Spacetrack Augmentation Tradeoff Study (SATS). Annex C. Spacetrack augmentation costs	1973
19740088321	Application of the conductivity changes of insulators under shock wave to the ultra-rapid commutation of intense energy	1973
19740088326	Component evaluation report on capacitor, fixed, ceramic, hermetically sealed, lead mount, contractor Hi-Rel	1973
19740088327	Production assessment test report on capacitor, fixed film, metallized, nonmetallic case, lead mount, contractor Hi-Rel	1973
19740088328	A new reserve chute for sport parachutists	1973
19740088330	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1973
19740088335	Production assessment test report on semiconductor, diode, general purpose, silicon, diffused, glass	1973
19740088338	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1973
19740088348	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1973
19740088349	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped, 1-2 Watts	1973
19740088350	Production assessment test report on resistor, fixed, wirewound, NOC, molded or dipped, 1-2 Watts	1973
19740088351	Hex inverter	1973
19740088352	Evaluation of Ti-8Mo-8V-2Fe-3Al titanium alloy sheet bar	1973
19740088357	Report of test on high voltage pulse transformer, 373290, OECO Corporation	1973
19740088358	Zener diode power test	1973
19740088359	The electric battery in its infancy	1973
19740088360	Report of test on transformer, power, step-down, 154573, Raytheon Company microwave and power tube division	1973
19740088361	Report of test on transformer, power, step-down, 154133, Raytheon Company, microwave and power tube division	1973
19740088363	Exploratory development of an integrated hybrid transistor switch (IHTS)	1973
19740088364	Space object imaging techniques	1973
19740088369	Production assessment test report on capacitors fixed, ceramic, molded, lead mount, contractor Hi-Rel	1973
19740088370	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor Hi-Rel	1973
19740088371	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor Hi-Rel	1973
19740088372	Production assessment test report on capacitor, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor Hi-Rel	1973
19740088377	Materials non-metallic, polyurethane, foam	1973
19740088386	Advanced chemical lasers	1973
19740088390	Fabrication and testing of seeker heads and supporting hardware for the Agile missile development program	1973
19740088395	Development of high temperature functional fluids	1973
19740088396	Test and evaluation of Bessler Dichro DG and Simmon Super Chromega Dichroic light sources for color enlarging	1973
19740088397	Ambient noise attenuation	1973
19740088398	Certain methods of dynamic optimization	1973
19740088399	Detonation characteristics of gaseous explosives	1973
19740088400	Audio transducer study	1973
19740088401	Design, development, and fabrication of a complementary MOS integrated circuit for timer/destroy electronics	1973
19740088405	The 3-5 wafer diode	1973
19740088409	Pulsed electrical power radiation production notes PEP 3-1. Volume 1: Notes 1 through 13	1973
19740088410	Pulsed electrical power radiation production notes PEP 3-2. Volume 2: Notes 14 through 27	1973
19740088411	Electromagnetic pulse interaction notes EMP 3-5. Volume 5: Notes 65 through 80	1973
19740088412	An investigation of methods of analysis of additives in automotive engine oils and of following depletion of additives in standard engine tests. Part 3: A study of the depletion of zinc dialkyldithiophosphate sulphonate and phosphonate additives in crank-case lubricating oils during standard engine tests	1973
19740088417	Design and experimental evaluation of a direct combustion HF chemical laser (DCL-2)	1973
19740088418	Intensified vidicon camera calibration, installation and evaluation	1973
19740088426	Minicomputer information retrieval study	1973
19740088428	The adsorption of propylene glycol dinitrate vapor by activated charcoal	1973
19740088429	The analysis of wave records using an IBM 1800 computer	1973
19740088430	On the application of hydrogen as a fuel for automotive vehicles	1973
19740088431	Time division multiplexing of physiological temperatures	1973
19740088434	Production engineering measure for high voltage aluminum high-reliability electrolytic capacitors	1973
19740088443	Load analyses for Mk84 and SUU-54 models of the Hobo Expanded Planform (HEP)	1973
19740088444	A study of methodology for determination of radar spectrum gaps in the testing of camouflage	1973
19740088446	The analysis of the effects of contaminants found in forced air cooling systems on the electrical performance of standard hardware modules	1973
19740088453	Development of third generation image tube technology	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740088455	Development of third generation image tube technology	1973
19740088457	Radar scattering and wave number spectra, part 2 (U)	1973
19740088469	Parametric study and trade-off analysis of a cost-effective IRC CM seeker (U)	1973
19740088482	Electronically agile radar design studies (U)	1973
19740088492	Broadband L-band klystron development (U)	1973
19750001933	Ground effect for V/STOL aircraft configurations and its simulation in the wind tunnel. Part 3: The tangentially blown ground as an alternative to a moving ground: Application to the NASA-Ames 40 by 80-foot wind tunnel	1973
19750002194	Preliminary hydrogen freezing studies	1973
19750002331	Development of insulation transfer-standards using a flat plate calorimeter	1973
19750002550	Turbulence studies on a high-altitude sounding aircraft	1973
19750002772	Calculated liquid phase thermodynamic properties and liquid-vapor equilibria for fluorine-oxygen (FLOX) mixtures	1973
19750007491	Apollo mission 17 lunar photography index maps	1973
19750009006	Data processing programs for nonlinear analysis of aortic flow in living dogs	1973
19750010276	Guidelines for combustion stability specifications and verification procedures for liquid propellant rocket engines	1973
19750011509	Turbulent fluid friction of rotating disks	1973
19750016223	Several question of the phylogeny and system of lacertilia (seu sauria)	1973
19750064377	Recognizing, understanding, deciding whether to obey, and executing commands	1973
19750064449	Aerodynamic and thermal analysis of results of tests of a hydrogen-cooled scramjet engine (HRE-SAM) at Mach 6.3	1973
19750064463	Pressure distributions on a rectangular, aspect-ratio-6, slotted supercritical airfoil wing having several high-lift flap systems	1973
19750064493	The absorption spectra of krypton and xenon in their regions of autoionization	1973
19750065107	NAVORD 3184947 alarm - monitor	1973
19750065462	Production and delivery of violet solar cells, September - October 1973	1973
19750065614	Integrated, computer-aided design of aircraft	1973
19750065690	The determination of phenylalanine in serum by mass fragmentography	1973
19750065695	Earthquake waves and the geomagnetic dynamo	1973
19750065760	Enantiomeric markers in the quantitative gas chromatographic analysis of optical isomers. Application to the estimation of amino acid degradation	1973
19750065761	Further studies of urea-catalyzed phosphorylation reactions	1973
19750065762	Electron impact excitation and assignment of the low-lying electronic states of CO ₂	1973
19750065764	Comment on rates of change of flutter Mach number and flutter frequency	1973
19750065765	The contribution of galactic cosmic rays to the atmospheric neutron maximum dose equivalent as a function of neutron energy and altitude	1973
19750065767	ENDOR and ESR studies of irradiated cytidine	1973
19750065782	Analysis of the Belinfante-Swirhart theory of gravity	1973
19750065783	Restricted proof that the weak equivalence principle implies the Einstein equivalence principle	1973
19750065825	Skylab 2 (3) sensitometric summary	1973
19750065836	Final report	1973
19750066224	Astrobee F Motor Demonstration Program	1973
19750066393	Infrared photography as a diagnostic tool for the burn wound	1973
19750066394	The importance of aerodynamics in the design of intra-urban trains traveling in tunnels	1973
19750066455	Physical properties of the solar nebula as deduced from chondrites	1973
19750066472	Free and almost-free subsemigroups of a free semigroup	1973
19750066474	Comments on generalized Hamiltonian dynamics	1973
19750066523	Basic research in meteorology and atmospheric physics	1973
19750066532	Semiannual Reports, 1 January - 31 May 1972 and 1 June - 31 December 1972	1973
19750066533	Semiannual reports, 1 January - 31 May 1973 and 1 June - 31 December 1973	1973
19750066541	Mars 1971: Photometric behavior of the Martian dust	1973
19750066544	Alternate method for measuring the dielectric constant of microwave integrated circuit substrates	1973
19750066552	On the fractional weight of distinct binary n-Tuples	1973
19750066559	Radar response to vegetation	1973
19750066563	An automated procedure for determining the flutter velocity	1973
19750066564	Quantum-mechanical and experimental study of the excitation of the 2(1)P State of h e by electron impact at 29-40 e V	1973
19750066565	Picture analysis applied to biomedicine	1973
19750066566	Scene analysis in support of a Mars Rover	1973
19750066567	Computer determination of depth maps	1973
19750066570	Multiple zeros of polynomials	1973
19750066571	Light-pen computer processing of video image for the determination of left ventricular volume	1973
19750066572	Behavior of X-ray mass absorption coefficients near absorption edges: Reynold's method revisited	1973
19750066574	Sideband growth and macroscopic four wave interaction	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750066578	Platelet adhesion to heparin-bonded and and heparin-free surfaces	1973
19750066579	The 1-butanol-hydrogen chloride. An allegedly anhydrous esterification reagent	1973
19750066580	A relationship between the volume and chemical structure at the glass transition temperature	1973
19750066581	The use of C-13 relaxation times to investigate molecular motion of macrocyclic antibiotics upon potassium ion complex formation	1973
19750066596	Detection of nitric oxide in the lower stratosphere	1973
19750066666	An IC piezoresistive pressure sensor for biomedical instrumentation	1973
19750066753	The clearwater orogenic zone: A relict of proterozoic orogeny in central and Northern Idaho	1973
19750067553	Apollo Program: Apollo Missions AS-201 Through Apollo 17	1973
19750067571	Construction of the moon: The major questions remaining	1973
19750067676	Multicolor polarimetric observations of the great 1971 Martian duststorm	1973
19750067712	Molecular evolution to the first cells	1973
19750067714	X-ray observations of pulsars in the area of the Crab Nebula	1973
19750067717	X-ray diffraction from graphite in the energy range 2 to 8 keV	1973
19750067755	Magnetic excitations in cobalt oxide	1973
19750067756	Heliographic longitude distribution of the flares associated with type 3 bursts observed at kilometric wavelengths	1973
19750067759	Circadian variations in human and nonhuman cardiovascular regulation	1973
19750067796	Temperature dependence of infrared absorption and Raman scattering by small NH4Cl crystals	1973
19750067800	Theory for incoherent scatter based on three-wave interaction	1973
19750067805	Maintenance and support plan for saturn F-1, H-1, and J-2 rocket engines	1973
19750067809	Skylab 2 space vehicle OAT 1 plugs in test	1973
19750067810	Skylab 1 space vehicle countdown demonstration test	1973
19750067814	Skylab 2 space vehicle flight readiness test	1973
19750067816	Skylab 4 space vehicle scrub/turnaround	1973
19750067878	The Glauber electron plus He elastic scattering amplitude: A useful integral representation	1973
19750067879	Dipole moment derivatives for SO2	1973
19750068701	Skylab 1 space vehicle overall no. 1 (plugs in)	1973
19750068720	Stellar perturbations and Monte Carlo experiments	1973
19750069147	Supporting research and technology and advanced development. Volume 2: OAST	1973
19750069148	Supporting research and technology and advanced development. Volume 3: OSS and OTDA	1973
19750069152	Skylab-1 space vehicle test supervisor emergency procedures	1973
19750069153	Skylab 2 space vehicle scrub/turnaround	1973
19750069154	Skylab LC-39 operational fallback plan	1973
19750069155	Skylab 1 space vehicle transfer operations VAB to PAD	1973
19750069156	Skylab 1 launch vehicle flight readiness test	1973
19750069157	Skylab 1 space vehicle transfer operations PAD to VAB	1973
19750069210	Growth pattern and C-13/C-12 isotope fractionation of cyanidium caldarium and hot spring algal mats	1973
19750069361	Supporting research and technology and advanced development. Volume 1: OMSF	1973
19750069455	Skylab 4 space vehicle countdown	1973
19750069573	Our cosmic destiny	1973
19750070047	Limits of the cosmos versus limits of knowledge	1973
19750070144	Design, processing, and testing of LSI arrays for space station	1973
19750070433	Influence of methyl substitution on mass spectra of diphenylmethanes: Analytical applications	1973
19750070435	Enhancement of ultraviolet detectability of fatty acids for purposes of liquid chromatographic-mass spectrometric analyses	1973
19750070437	A study of the electron impact promoted fragmentation of promazine sulphoxide and promazine using specifically deuterated analogues	1973
19750070815	Development of space stable thermal control coatings for use on large space vehicles	1973
19750070816	Development of space stable thermal control coatings for use on large space vehicles	1973
19750070818	Development of space stable thermal control coatings for use on large space vehicles	1973
19750070962	Ketones derived from the oxidative degradation of green river formation oil shale kerogen	1973
19750071471	Evoked potentials: How? What? and Why?	1973
19750071982	Trade study for NERVA internal shield design concepts	1973
19750072193	Mission SL-2 (AS 206/CM 116/IMU 44) G and N error analysis (Skylab 2)	1973
19750072218	University of Iowa Pioneer 10 and 11 instrument calibration	1973
19750072225	Microprogramming an IBM 370/168 for an interpretive computer simulator	1973
19750072331	An example of the potential economic benefits of ERTS imagery for environmental control	1973
19750072371	Investigation of ground base simulation Skylab samples, phase B	1973
19750072373	Launch vehicle catalog of tests and operations	1973
19750072385	Malfuction investigation, pressure transducer, Conrac P/N 461319BW-A3V6-3500-20	1973
19750072399	Vehicle processing facilities study	1973
19750072407	Long life technology research based on Saturn 5 component experience	1973
19750072481	Study of flight mechanics during thrust phase of the fourth stage: Jet damping	1973
19750072482	Europa 2: Yo-Yo sequence	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072484	HSD synthesis report on investigation into POGO phenomenon in first stage of Europa 2, volume 1 incorporating appendices 1 to 8	1973
19750072485	HSD synthesis report on investigation into POGO phenomenon in first stage of Europa 2, volume 2 incorporating appendices 9 to 32	1973
19750072563	Multi spectral line scan sensor	1973
19750072587	Technical feasibility demonstration model of a long-duration orbiting primate payload	1973
19750072597	ECTOPOS 2/3 Cryogenic propulsion module: Feasibility study	1973
19750072648	Adhesively bonded multi-layer F-104 AFT fuselage ring fitting	1973
19750072652	Adhesively bonded multi-layer F-104 AFT fuselage ring fitting	1973
19750072657	Manufacturing process for ultrafine ammonium perchlorate (UFAP)	1973
19750072671	The problem of identification in finite parameter continuous time models	1973
19750072674	LOX threshold tests on titanium 6Al4V alloy and styrene/butadiene rubber	1973
19750072683	Flammability test of RC AS-2400 nylon	1973
19750072684	Materials evaluation, electrostatic charge dissipation and flame propagation	1973
19750072687	Production assessment test report on resistor fixed, wirewound, precision, molded or dipped, .50 - 1.0 watt	1973
19750072696	Production assessment test report on resistor, fixed, wirewound, precision, molded or dipped, .50 - 1.0 watt	1973
19750072709	Weapons detectors at National Airport	1973
19750072710	Miniature solid-state television camera	1973
19750072727	Advanced general purpose forces satellite antenna study	1973
19750072741	Design, industrial production and evaluation of improved ductile cast iron alloys using computer derived mathematical models. Part 2: Fragmentation property assessment	1973
19750072742	Particulate optical properties in rocket plumes	1973
19750072746	VHF-UHF phased array techniques. Part 1: Calcomp studies of linear arrays with non-uniformly spaced isotropic elements	1973
19750072754	Cadens 4. Volume 1: Executive summary	1973
19750072757	Category 2 evaluation of the C-5A automatic controls subsystem	1973
19750072758	Category 2 evaluation of the C-5A guidance subsystem. Addendum: Followon development test and evaluation	1973
19750072762	Organization of an integrated information system for the exploration of ocean mineral resources	1973
19750072767	Aircraft cable common mode current sensitivity study	1973
19750072768	Inadvertent penetration modeling studies	1973
19750072771	RF signature modeling and simulation	1973
19750072772	The field distribution of an aperture	1973
19750072778	The reciprocal effect at subsonic speed of a finite length wing-body combination situated at the mid-wing position	1973
19750072779	Precision hole generation methods. Volume 1: Discussion and summary	1973
19750072784	A parametric method of turbine blade profile design	1973
19750072785	A manganese nodule exploration system	1973
19750072786	The solution of boundary value problems in orbital theory by using series expansions into orthonormal eigenfunctions	1973
19750072789	Medical report on Canadian Forces air-to-air refuelling programme for period 1 December 1972 - 1 July 1973	1973
19750072791	Radiation tolerance of bubble-domain materials and devices	1973
19750072811	Processable laminating resins with improved moisture resistance, toughness and moderate temperature capability	1973
19750072813	Coordinate conversion algorithm	1973
19750072819	Reliability testing of hybrid circuits	1973
19750072823	Canadian upper air data	1973
19750072833	Electron emission accompanying crystallographic transformations	1973
19750072837	DC motor	1973
19750072839	Qualification test report, minuteman 3 alignment periscope	1973
19750072842	Preliminary results in the analysis of integrated navigation/bombing systems	1973
19750072850	Motor, DC, permanent magnet	1973
19750072855	Report of test on transformer, three phase, power, 154133, OECO Corporation	1973
19750072856	Report of test on transformer, power step-up, high voltage, 372632, Raytheon Company, Microwave and Power Tube Division	1973
19750072857	Report of test on transformer, power, inverter, 373120, OECO Corporation	1973
19750072858	Report of test on transformer, power, step-up, 154101, Oeco Corporation	1973
19750072867	The 10kW turboalternator: Completion of engineer, design, test, Volume 3, appendices 7 - 11	1973
19750072868	C-5A aft fuselage stress analysis, volume 1	1973
19750072871	Development of high reliability RF keyed crossed field amplifier (DEMATRON)	1973
19750072873	The application of physical vapor deposition to semiconductor materials for use as high power infrared windows	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072875	Digital interface code converter	1973
19750072879	Category 2 evaluation of the C-5A instrument subsystem. Addendum: Follow-on development test and evaluation of the integral weight and balance system and flight director system	1973
19750072882	Set of equipment for multicolor satellite photometry	1973
19750072884	Magnetic field environment testing of standard hardware modules	1973
19750072885	Development test and evaluation of the C-5A malfunction detection, analysis, and recording subsystem (MADAR)	1973
19750072888	Combat Air Vehicle Navigation And Vision (CAVNAV)	1973
19750072896	Versatile Avionics Shop Tester/Automated Test Equipment (VAST/ATE) study	1973
19750072901	Feasibility investigation of polarization techniques for surface-cloud discrimination with an active optical system	1973
19750072910	Terminal homing engineering flight tests. T6-5/ALS missile test, 30 March 1973 first T6 ALS guided flight	1973
19750072911	T6 missile description	1973
19750072918	Evaluation of PBI and Nomex 2 for air force flight suits	1973
19750072939	Developments in surface engineering	1973
19750072953	Metallurgical analysis of defective hydraulic line, P/N 1210263-101 from JS-3A aircraft BUNO 157995	1973
19750072955	Airborne mapping of the horizontal empress	1973
19750072960	Exploratory development and testing of large cross-section area hardware of boron/aluminum	1973
19750072963	Validation of the flying qualities requirements of MIL-F-8785B (ASG) using the P-3B airplane	1973
19750072964	TERMSIM: A computer simulation model of full-period terminations	1973
19750072974	Manufacturing methods for directional recrystallization process	1973
19750072976	RCS flare spot control of a large metal cylinder by cavity loading	1973
19750072977	Production Engineering Measure (PEM) power supplies for 18 and 25mm second generation image intensifier tubes	1973
19750072978	Surveillance program summary report for PSRE S/N A4V0308, S	1973
19750072979	Surveillance program summary report for PSRE S/N A4V0325	1973
19750072983	Analytical and computational techniques mathematics notes ACT 1-2. Volume 2: Notes 16 through 23	1973
19750072985	Electrostatically focused inverter image intensifier tube with third generation photocathode surface	1973
19750072986	Low power solid state radio frequency RF switch	1973
19750072989	Planetary ball swaging of welded titanium alloy tubing	1973
19750072998	Transient photocurrents in MOS transistor fabricated on an insulating sapphire substrate	1973
19750073008	Erosion of fused silica by glass beads	1973
19750073009	Corrector design by linear programming	1973
19750073011	Reliability program management guide	1973
19750073012	Low-light level charge coupled imaging devices, phase 1	1973
19750073013	Novel block copolymers	1973
19750073014	Microwave power combinatorial development task 1-10 GHz amplifier/combiner	1973
19750073015	Preliminary testing of a subliming solid gas generator concept and the design of a breadboard model	1973
19750073017	Evaluation of some new polyfunctional organic azides for propellant applications	1973
19750073018	Report on Conference on Modern Applications of Pyrotechnics	1973
19750073022	Present situation and future progress of graphite fluoride polycarbon monofluoride	1973
19750073023	The activity coefficient for gas-liquid chromatography: A method for the determination of retention time	1973
19750073024	Possibilities for increasing production in photochemical film processing	1973
19750073027	Investigation into the high temperature strength degradation of fiber-reinforced resin composite during ambient aging	1973
19750073028	The ERTS-1 investigation (ER-600)	1973
19750073037	Chemical propulsion abstracts 1969 - 1972. Volume 1: Report citations	1973
19750073038	Chemical propulsion abstracts 1969 - 1972. Volume 2: Bibliographic indexes	1973
19750073040	Adhesively bonded multi-layer F-104 AFT fuselage ring fitting	1973
19750073041	Adhesively bonded multi-layer F-104 AFT fuselage ring fitting	1973
19750073067	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1973
19750073070	C-5A vertical stabilizer stress analysis	1973
19750073071	Fusible thermostat for thermal power supplies. Part 1: Heat losses and fusible materials	1973
19750073076	The FB-111/SRAM	1973
19750073082	Illuminant spectral analysis study	1973
19750073090	The assessment of thick film resistor reliability	1973
19750073093	Special study of interval estimates and tests of significance for system reliability when component modifications occur	1973
19750073094	Low aspect ratio vertical surface piercing hydrofoil theory	1973
19750073095	DOD pyrotechnic investigations	1973
19750073096	SUPERSAP users manual	1973
19750073109	Smoke/flame pyrotechnic marker compositions	1973
19750073113	Polarization technique evaluation and simulation analysis. Volume 2: Optical properties measurement and comparison	1973
19750073119	C-5A internal loads analysis forward fuselage, volume 1	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073120	C-5A internal loads analysis aft fuselage, volume 2	1973
19750073121	Analytical and computational techniques mathematics notes ACT 1-1. Volume 1: notes 1 through 15	1973
19750073126	Production engineering measures for packages for microstrip integrated circuits	1973
19750073128	Development of thermally stable dyed fabric	1973
19750073129	Synthesis of new semi-organic polymers	1973
19750073130	The compleat guide to the notes on EMP and related subjects as of February 1973, or what you always wanted to know about the notes but were afraid to ask, index 1-1	1973
19750073134	The 2.75 inch rocket slant range fuze	1973
19750073139	Advanced loads and motions studies for Surface Effect Ship (SES) craft. Part 1: General development of modified mathematical model	1973
19750073140	Advanced loads and motions studies for Surface Effect Ship (SES) craft. Part 2: Analog computer simulation	1973
19750073141	Advanced loads and motions studies for Surface Effect Ship (SES) craft. Part 3: The effect of fan dynamics on SES craft motions	1973
19750073142	Advanced loads and motions studies for Surface Effect Ship (SES) craft. Part 4: Motion and load characteristics of multi-thousand ton SES craft	1973
19750073143	Advanced loads and motions studies for Surface Effect Ship (SES) craft. Part 5: Active control systems for reducing heave accelerations	1973
19750073144	Advanced loads and motions studies for Surface Effect Ship (SES) craft. Part 6: Accumulator control for heave acceleration reduction	1973
19750073145	An experimental study of SES craft lateral hydrodynamic forces and moments	1973
19750073146	Analysis of closed combustion launching systems	1973
19750073151	Design of a voter-comparator-switch for redundant computer modules	1973
19750073152	Eroding (electro-erosive processing)	1973
19750073156	Characteristics of lenses for night aerial photography	1973
19750073157	Electron emission by droplets of metals which are liquid at low temperatures	1973
19750073158	Photoelectric studies on undeformed and plastically deformed aluminum single crystals	1973
19750073159	Information transmission with laser beams	1973
19750073160	Exploding wire	1973
19750073168	Production engineering measure for LSI circuits for light emitting diode displays	1973
19750073169	Arrested trajectory and terminal guidance for a ballistic match projectile	1973
19750073170	Programmable tapped delay line	1973
19750073173	PRISSM: A primary ship/shore simulation model	1973
19750073174	Expandable carcass replaceable tread tire development for C-130 aircraft	1973
19750073176	ACLS AN/USQ-20 bypass field change as installed on USS John F. Kennedy CVA-67	1973
19750073177	A-7E optimum release interval program	1973
19750073179	Material evaluation under direct rocket exhaust impingement	1973
19750073183	Total dose effects of ionizing radiation on MOS structures at 90 K	1973
19750073184	The application of digital filters using observers to the design of an ICBM flight control system	1973
19750073186	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1973
19750073188	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05-.10 watt	1973
19750073192	Digital data receiver/demodulator	1973
19750073193	Lumped circuit elements at VHF, UHF and microwave frequencies	1973
19750073194	On the appropriation of excitation forces in the harmonic vibration test	1973
19750073195	Electron beam fast wave interaction	1973
19750073198	A wide range radiacmeter using silicon detectors	1973
19750073200	Review 1973	1973
19750073202	Activation, oxidation and recovery of Raney nickel catalysts in hydrogen electrodes	1973
19750073227	Chamber nonequilibrium and smoke predictions for a liquid monopropellant rocket engine	1973
19750073258	Lightweight headsets for Skylab	1973
19750073280	Detection and location of sheltered and dispersed aircraft. Volume 1: Executive summary. Volume 2: Appendixes	1973
19750073281	Technical evaluation report on the Guidance and Control Panel Symposium on Precision Weapon Delivery Systems EMS	1973
19750073282	Precision weapon delivery systems	1973
19750073283	Aircraft design integration and optimization, volume 2	1973
19750073309	LOX compatibility of materials from a Paul recharger, cryogenic pump	1973
19750073310	LOX impact test of viton O-rings	1973
19750073311	The similarity of emission centers in aluminum surfaces produced by various methods	1973
19750073312	Development of automated large scale map compilation in the Czechoslovak Socialist Republic	1973
19750073313	High quantum efficiency silicon photocathodes and TSEM layers	1973
19750073321	Production assessment test report on capacitor, fixed, film, metalized, hermetically sealed, lead mount, contractor hi-rel	1973
19750073325	The 10 KW turboalternator. Completion of engineer - design - test, volume 1	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073331	Information processing/data automation implications of air force command and control requirements in the 1980's (CCIP-85). Volume 4: Technology trends software	1973
19750073340	Evaluation of alloy platings for high strength steels	1973
19750073341	Spark gap: Two-electrode	1973
19750073344	C-5A forward fuselage stress analysis, volume 1	1973
19750073348	Low Cost Manufacturing/Design Seminar	1973
19750073354	Remote Raman detection study instrument	1973
19750073363	Sintered ceramic articles reinforced with metal fibers	1973
19750073365	Flutter and divergence variable camber wing, phase 1	1973
19750073377	Explosives incinerator emissions analysis	1973
19750073378	Joint USN/USAF flight evaluation of conformal weapons carriage on the F-4 airplane	1973
19750073381	New results concerning exoelectron emission by nonmetals	1973
19750073387	Calculation of shaped-charge jets using engineering approximations and finite difference computer codes. Volume 1: Generalized analytical approach to shaped-charge warhead design	1973
19750073388	Joint AMC/NMC/AFLC/AFSC commanders panel on disposal ashore of ammunition, volume 1	1973
19750073398	Precision hole generation methods, volume 2, appendix	1973
19750073401	Evaluation of structural reliability analysis procedures as applied to a fighter aircraft	1973
19750073405	Production engineering measure for multistage solid-state power amplifier	1973
19750073408	Qualification test report valve, type A	1973
19750073409	Qualification test report valve, type B	1973
19750073411	Laser modulator 2	1973
19750073422	A DND viewpoint on a possible Canadian energy policy	1973
19750073425	Shock loading tests of scale models poly-urethane dampers	1973
19750073428	YJ101-GE-100 engine prototype preliminary flight rating test. Volume 3: Test log sheets	1973
19750073430	Surveillance program age sensitive materials and failure criteria	1973
19750073431	Problems concerning the implementation of an integrated flight control system, giving particular attention to curved flight path profiles	1973
19750073449	Parts evaluation report transistor, 2N5663	1973
19750073450	Parts evaluation report diode	1973
19750073456	X-band Trapatt diode	1973
19750073463	Hearing loss and recovery in guinea-pigs exposed to square shock waves	1973
19750073464	The development of coordinate theodolites	1973
19750073467	Computer simulation of the effects of nine tactical aerosols in a laser terminal homing scenario	1973
19750073468	The 3-5 wafer diode	1973
19750073469	Deliberate antenna modeling study	1973
19750073470	Aircraft cable individual wire model study	1973
19750073473	Seventh International Conference on Nondestructive Testing, volume 1	1973
19750073475	Magnetic field environment testing of Schottky logic device	1973
19750073478	Casino 1. Close Air Support In NATO Operations	1973
19750073480	Communications planning, engineering and systems control (SYSCON) study	1973
19750073481	Total energy feasibility criteria	1973
19750073486	Development of third generation EPIC wafer diode image tubes	1973
19750073487	Preliminary design study of STAMP (Small Tactical Aerial Mobility Platform) configurations	1973
19750073491	Simulation of normal explosions and cool flames with an analog computer	1973
19750073492	General studies on gyrotheodolites and their applications	1973
19750073493	Condensation of chromium on a hot surface	1973
19750073496	FORTAN Simulation (FORTSIM) language program description	1973
19750073498	A survey of speech understanding systems technology	1973
19750073502	Regulatory processes in the intra and extracerebral circulation during low blood pressure induced by halothan	1973
19750073506	The kinetics of the free radical polymerization of vinylferrocene	1973
19750073512	Tenth JANNAF Combustion Meeting, volume 1	1973
19750073513	Application of combustion instability research (solid propellant rockets)	1973
19750073514	Thrust Transients of Large Solid Rocket Motors	1973
19750073515	Combustion Instability in Large Solid Rocket Motors	1973
19750073516	Internal ballistics considerations for B-1 crew escape capsule propulsion system	1973
19750073517	Design, development and testing of a small solid rocket motor having highly reproducible ballistic performance	1973
19750073518	The role of lead modifiers in propellant burning (hypothesis for super-rate burning in nitrocellulose propellants)	1973
19750073519	The temperature sensitivity of deflagration rates of pressed pellets of ammonium perchlorate: Oxides of copper and chromium, and ammonium perchlorate, darkening agents	1973
19750073520	Analytical and experimental studies of catalyst laden sandwiches	1973
19750073521	Solid propellant combustion modeling	1973
19750073522	Statistical analysis of non-metallized composite solid propellant combustion	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073523	Review of the Workshop on the Effects of Acceleration on the Combustion of Solid Propellants	1973
19750073524	Review of workshop on the combustion of nitramine propellants for guns	1973
19750073525	The influence of additives on the burning rate and the pressure exponent of burning rate of nitramine propellants	1973
19750073526	Erosion of aluminum by high pressure propellant gases	1973
19750073527	Influence of combustion on aluminum cartridge case burn-through	1973
19750073528	Ballistic tailoring of cased/consolidated fully telescoped ammunition	1973
19750073529	Ignition kinetics of telescoped ammunition and their influence on ballistics	1973
19750073530	Determination of the gasification products from developmental propellants which are self-extinguishing at atmospheric pressure	1973
19750073531	Nonlinear longitudinal combustion instability in solid rocket motors	1973
19750073532	A quantitative numerical analysis of solid propellant combustion instability in test burners and rocket motors	1973
19750073533	Numerical solution of axial instabilities in solid propellant rocket motors	1973
19750073534	Nonlinear behavior of acoustic waves in combustion chambers	1973
19750073535	Tenth JANNAF Combustion Meeting, volume 2	1973
19750073536	Mode coupling effects in a T-burner or resonance tube	1973
19750073537	Optimum performance of deterred ball propellant as determined by computer simulation	1973
19750073538	Projectile motion predicted by a solid/gas flow interior ballistic model	1973
19750073539	A mobile fluidized bed model for the simulation of internal ballistics of a gun	1973
19750073540	Model of flame spreading, combustion and interior ballistics in propellant charges	1973
19750073541	Large caliber internal ballistic modelling	1973
19750073542	Interior ballistics models of artillery and mortar ammunition: Development and use	1973
19750073543	Some developments in T-burner analysis	1973
19750073544	An experiment to determine the magnitude of acoustic/flow turning terms in the T-Burner	1973
19750073545	Review of the Workshop on Combustion/Flow Interaction	1973
19750073546	Statistical analysis of T-burner for ANB-3066	1973
19750073547	Combustion instability study of solid propellants	1973
19750073548	Nonlinear analysis of combustion instability data	1973
19750073549	A technique for evaluating velocity coupled combustion instability	1973
19750073550	External burning assisted projectile	1973
19750073551	Combustion of slurry fuels in a sudden dump ramjet combustor	1973
19750073552	Shock tube studies of boron particle ignition	1973
19750073553	Stability of Lined Combustors with Continuous Combustion Distributions	1973
19750073554	Acoustic Damping Characteristics of the Space Shuttle Main Engine Preburner Acoustic Cavity	1973
19750073555	Experimental Determination of Acoustic Liner Attenuation Under Simulated Liquid Rocket Instabilities	1973
19750073556	Status of the suppression devices program for solid rocket combustion stability	1973
19750073557	Acoustic attenuation devices for pressure oscillations in T-burner combustors	1973
19750073558	Wall reflection and feedback effects in combustion generated noise	1973
19750073559	Combustion noise radiation by open turbulent flames	1973
19750073560	Combustor modeling	1973
19750073561	Mixing of Multiple Jets of Cooling Air with Simulated Combustion Gases	1973
19750073562	Theoretical Investigation of Nonlinear Three-Dimensional Instabilities in Liquid Rockets with Conventional Nozzles	1973
19750073563	Tenth JANNAF Combustion Meeting, volume 3	1973
19750073564	Response of a Two-Dimensional Diffusion Flame Field to Small Amplitude Wave Disturbances	1973
19750073565	A Technique for Predicting High-Frequency Stability Characteristics of Gaseous Propellant Combustors	1973
19750073566	Dynamic Stability of Large LOX/Hydrogen Engines	1973
19750073567	Double Time Lag Combustion Instability Model for Bipropellant Rocket Engines	1973
19750073568	Response of a Burning Liquid Fuel to Imposed Pressure Oscillations	1973
19750073569	Blast wave initiated heterogeneous detonation waves	1973
19750073570	Gas dynamic combustion laser for fuel evaluation	1973
19750073571	More-storable reactants for GDL application	1973
19750073572	Fuel and combustor considerations in airbreathing gasdynamic lasers	1973
19750073573	Solid propellant gas generators for chemical lasers	1973
19750073574	Solid propellant flammability including ignitability and combustion limits	1973
19750073575	A correlation of solid propellant arc-image ignition data	1973
19750073576	Hybrid combustion	1973
19750073577	An investigation of the internal ballistics of solid fuel ramjets	1973
19750073578	Combustion stabilization in a solid fuel ramjet	1973
19750073579	Predicted Stagnation Pressure for Characteristic Velocity Measurement	1973
19750073580	Break-up and penetration of liquid fuel jets in a supersonic cross-flow	1973
19750073581	Mixing and Recirculation in Rocket Combustors	1973
19750073582	Turbulence in Gaseous Hydrogen-Gaseous Oxygen Combustion Chambers	1973
19750073583	The Boron-Hydride/Hydrazine Propellant System: Ten Years After and a New Proposed Mechanism	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073584	Application of the Distributed Energy Release (DER) computer program to rocket engine performance analysis, 2	1973
19750073585	Combustion of single aluminum droplets in various oxidizing gases including CO ₂ and water vapor	1973
19750073586	The analysis of combustion residues of aluminized propellants and its significance for the study of acoustic damping	1973
19750073587	Pressure and velocity dependence of Al ₂ O ₃ particles produced during solid propellant combustion	1973
19750073588	Aluminum behavior near the burning surface of a composite propellant	1973
19750073589	Potential Improvement of Low Pressure Combustion Efficiency of Aluminized Solid Propellants	1973
19750073590	Molecular Beam Sampling from a Rocket-Motor Combustion Chamber	1973
19750073591	Rocket injector hot firing and cold flow spray fields	1973
19750073592	Dynamics of liquid propellant combustion chamber processes	1973
19750073593	Arc-image ignition brochure	1973
19750073641	Extended temperature range ACPS thruster investigation	1973
19750073660	Lateral suppression and loudness reduction of a tone in noise	1973
19750073672	Proceedings of the Summer Computer Simulation Conference, volume 2	1973
19750073678	Developing a retromodulator	1973
19750073680	Advanced technology mirror study and demonstration	1973
19750073692	An analysis of aircraft wave-off performance leading to a preliminary wave-off performance criterion	1973
19750073697	Production assessment test report on transformer, pulse, NOC, enclosed, not hermetically sealed, 30-300 KHz	1973
19750073712	Impact strengths of silicates and oxides	1973
19750073725	Parts evaluation report semiconductor device diode	1973
19750073727	Integrated circuits in thick-film technology	1973
19750073728	Soviet air separation plant for production of medical oxygen with portable generator	1973
19750073729	Simple surge capacitor device with moving spark gap switch	1973
19750073755	Quality assurance briefs, May 1973	1973
19750073756	Quality assurance briefs, June 1973	1973
19750073757	SCOUT S-182C final flight report	1973
19750073761	SRN-4 data collection and analysis report	1973
19750073764	The Mach-effect in dense media for a set-up with cylindrical symmetry and its application to the acceleration of matter	1973
19750073766	Investigation of the use of carbon fiber reinforced plastics for airplane structures subjected to high stresses	1973
19750073771	TVGRAPHICS	1973
19750073772	Radiograph interpretation with close-circuit television	1973
19750073773	Evaluation of heater circuit protective devices as a means of limiting heater failure damage	1973
19750073774	Quality assurance plan for the large-scale procurement of temperature sensors	1973
19750073777	Analogue computer studies of the control dynamics of a 600 MW(e) HTR-helium turbine plant. Part 1. Description of the plant layout and of the model	1973
19750073838	Fluids and Materials Compatibility Symposium	1973
19750073839	Long-term storage testing of propellant tankage	1973
19750073840	JPL long term propellant-material compatibility program	1973
19750073841	Compatibility of advanced elastomers with hydrazine, dinitrogen tetroxide and fluorinated oxidizers	1973
19750073842	Use of a new inhibitor to improve the compatibility of HDA	1973
19750073843	Advanced techniques for determining long term compatibility of materials with propellant	1973
19750073844	Corrosion testing of the Skylab portable water system	1973
19750073867	Failure analysis of 7/8 in. SST nut., He He high pressure storage system, launch complex 41	1973
19750073871	Evaluation of titanium alloy sheet materials Ti 8Al-1Mo-1V, Ti 6Al-4V, IMI 684 and bar materials IMI 551, IMI 684 and IMI 700 (Appendix-detailed results)	1973
19750073872	Evaluation of pressure distributions on thin wings with distorted control surfaces oscillating harmonically in linearised, compressible, subsonic flow. Part 1: Details of the mathematical techniques used in the evaluation of the pressure distributions, and a set of numerical results including comparisons with experiment	1973
19750073879	Evaluation of a loading form for the calculation of linearised theory pressure distributions on wings with control surfaces having swept hinge lines in steady subsonic flow	1973
19750073885	Effects of excrescences on lift and drag of aircraft in high-lift configurations. Part 1: Bibliography	1973
19750073886	Details of computer programs used at the RPE for the analysis of rocket motor firings recorded on magnetic tape	1973
19750073889	Solid propellant combustion instability: Development of experimental techniques based on a high frequency data recording and analysis system	1973
19750073938	Hercules C Mk 1 ultra low level airdrop of three linked platforms, part 11	1973
19750073942	The computation of first order compressible flow about wing-body configurations	1973
19750073970	Manufacturing methods for energetic plasticizer process (U)	1973
19750073971	Establish manufacturing process for energetic propellant binder (U)	1973
19750073974	Shaped charge liner studies using various materials (U)	1973
19750073978	The induced emission of photoelectrons in a gas atmosphere	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073981	NAVORD 3184947 alarm - monitor	1973
19750073984	Spatial frequency filtering by optical methods	1973
19750073989	Multiplex PCM transmission equipment VM 30/32	1973
19750073990	The Ko-B1 code theodolite of the Hungarian Optical Works, and its use	1973
19750073996	The terraplane	1973
19750073997	Feasibility study of parachute quick opening devices	1973
19750074015	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19750074018	The Fifth Symposium on Measuring Instruments	1973
19750074027	Photochemical detail filter process	1973
19750074028	Seventh International Conference on Nondestructive Testing, volume 3	1973
19750074029	Seventh International Conference on Nondestructive Testing, volume 2	1973
19750074031	Shortening access time in the processing of conventional photographic papers	1973
19750074042	Air induction systems for future fighters/interceptors. Phase 2A: Supersonic diffuser development (U)	1973
19750074116	DSK satellite communications systems in a nuclear environment (U)	1973
19750074130	A review of satellite signal scintillations: Observations and research (U)	1973
19750074142	AAW track handling: System description and NTDS detector/tracker model (U)	1973
19750074143	Missile propulsion technology integration study: Ellipsoidal motor analysis (U)	1973
19750074151	Tactical Airborne Ocean Surveillance (TAOS) sensor requirements study (U)	1973
19750074179	High density lead-tin telluride detector array (U)	1973
19750074181	Automatic targeting techniques (U)	1973
19750074226	Comparisons among a manned and some remotely piloted aircraft systems for interdiction of moving trucks. Volume 1: Summary report (U)	1973
19750074295	Technology integration for close air support aircraft (U)	1973
19750074307	Production engineering measure for PbSe photodetector array (U)	1973
19750074323	Development test 2 (service phase) of the AN/ARC-98(V) high frequency single sideband aircraft radio set (U)	1973
19750074331	Far field evaluation of tactical Nd-YAG lasers and selected detectors (U)	1973
19750074334	YJ101-GE-100 engine prototype preliminary flight rating test. Volume 1: 60-hour endurance test (U)	1973
19750074335	Advanced fan stability and performance research and development program, Volume 4 (U)	1973
19750074336	Advanced fan stability and performance research and development program. Volume 3. Aircraft Propulsion Subsystem Integration (APSI) phase 1 study (U)	1973
19750074342	Broadband, high power VHF crossed-field amplifier (U)	1973
19750074346	Production engineering measure for 18MM microchannel wafer image intensifier tube (U)	1973
19750074348	Flight test performance of the F-4 conformal weapons carriage (U)	1973
19750074360	Department of defense responses to two past petroleum emergencies (U)	1973
19750074361	Angular infrared reflectance measurement (U)	1973
19750074433	Survey and bibliography of aircraft survivability/vulnerability research with emphasis on hydraulic ram (U)	1973
19750074484	MPMS/AIRS calibration and alignment study (U)	1973
19750074557	Missile site radar MSR-upgrading program. Volume 2: Transmitter Investigation Program (TIP) (U)	1973
19750074606	AS-512 post launch software assessment and Saturn 5 launch software summary (AS-501 - AS-512)	1973
19750074608	Aerosol structures in clear air turbulence and jet engine exhausts	1973
19750074763	Approaches to Naval communication, navigation, and identification (U)	1973
19750074765	Engineering analysis and conceptual design of ITACS/ITNS and AADC (U)	1973
19750074790	Thumper high power laser (U)	1973
19750074812	Tactical application of laser technology study. Annexes D, E, F, G, H, and I (U)	1973
19750074958	Doppler discrimination of rotary and fixed-wing aircraft (U)	1973
19750074999	Demonstration planning and progress report for YCH-53E helicopter	1973
19750075010	Design and control of remote manipulators	1973
19750075025	On the influence of temperature gradients in jet flows on the radiation of sound	1973
19750075043	Development of fiber-base bulk graphite	1973
19750075045	Design and construction of a single cylinder research engine with hot cylinder components	1973
19750075139	Determination of operational effectiveness and compatibility of large helicopters in various helicopter mixes in amphibious operations (1980-1990) (U)	1973
19750075150	Results of an experimental test conducted in April 1973 to determine the aerodynamic characteristics of several alternate configurations of the improved Hawk missile. Volume 4: Discussion and plotted data (U)	1973
19750075151	Results of an experimental test conducted in May 1973 to determine the aerodynamic characteristics of an 0.18-scale model of the improved Hawk missile. Volume 3: Discussion and plotted data (U)	1973
19750075158	Pulsed alkali lamps as efficient light sources for the near infrared (U)	1973
19750075197	High energy pulsed laser (U)	1973
19750075215	Technical support for terminal homing weapons: Hellfire, cost and operational effectiveness analysis (U)	1973
19750075302	In-flight simulation of concorde climb profiles using a lightning aircraft	1973
19750075311	Detailed test of objectives for the extended long tank Delta launch vehicle, spacecraft: Nimbus-F	1973
19750075317	Maintenance and improvement of the NASTRAN system of computer programs	1973
19750075331	Report of test on transformer, Servo, sector switching, 154132, Ratheon Company, Microwave and Power Tube Division	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075339	Hydromagnetic stability studies using the finite element method	1973
19750075340	Incoherent scattering of light by hot magnetized plasmas	1973
19750075341	Numerical study of hydromagnetic stability using the finite element method	1973
19750075346	Propellant plant pollution abatement improvement of water utilization at radford Army Ammunition Plant	1973
19750075358	Advanced data transfer test study. Volume 2: Descriptions of equipment and techniques	1973
19750075361	Comparison of the basic F-4E and the slatted F-4E stall/near stall/spin characteristics	1973
19750075363	AFWL-optics	1973
19750075366	Study of sodium shear properties and operating characteristics of linear motion freeze seals	1973
19750075367	Operations Division	1973
19750075373	LESAGE: Level scheme analysis and graphics user's manual for computer programs	1973
19750075374	Removable instrument assembly development testing	1973
19750075375	Vibratory motion of the HCM test stand	1973
19750075383	Evaluation of titanium sheet materials Ti 8A1-1Mo-1V, Ti 6A1-4V, IMI 684 and bar materials IMI 551, IMI 684, and IMI 700	1973
19750075399	Study of a sidelobe interference reduction method for radar systems. Part 1: Analysis and result of 1 and 2 dimensional Taylor patterns cancellation	1973
19750075400	Microgradient cesium magnetometer development	1973
19750075402	Report of test on transformer, 10, filament, 400Hz373108, DECO Corporation	1973
19750075403	Report of test on transformer, 30, power, stepdown, 154098, Ratheon Microwave and Power Tube Division	1973
19750075405	Final analysis of the changes in support cost and reliability of the LN-12 inertial platform Project Rivet gyro	1973
19750075411	Scattering of electromagnetic radiation from a turbulent plasma	1973
19750075427	Hovering study of a new type of air-cushion vehicle with two stages of pressure	1973
19750075430	Analysis of impulse stress propagation in a visco-elastic medium	1973
19750075431	CONUS defense engagement simulation (BETA CADENS), input forms	1973
19750075432	CONUS defense engagement simulation (BETA CADENS), messages	1973
19750075433	CONUS defense engagement simulation (BETA CADENS). Part 2: Programming specifications manual	1973
19750075438	Theory and practice of the photographic detail filtering method	1973
19750075439	Intermediate ballistics	1973
19750075440	Problems in the automation of the initial processing of radar informations, 3	1973
19750075441	Interaction between developer ingredients at high pH values in compensation developers	1973
19750075443	Use of the fokker-bond-tester in the non-destructive testing of sandwiches with a honeycomb and foamy core	1973
19750075452	A program to investigate the reliability and failure mechanisms of amorphous semiconductor memory arrays, including investigations of EMP simulation testing and rapid data erase	1973
19750075454	Testing and evaluation of a fluidic vibrating string accelerometer	1973
19750075458	Lead designation for precision-guided artillery	1973
19750075464	Monthly record of meteorological observations in Canada, July 1973	1973
19750075466	The measurement of rate of burning of cast double base propellants. Part 2: A measurement technique for use with 12.7 mm cast strands	1973
19750075467	A time to auto-ignition test	1973
19750075481	Photoemission in the 1-2 micron range	1973
19750075490	Radar station evaluation report. Kadana AB Okinawa	1973
19750075491	Yokota AB TACAN station evaluation report. Yokota AB, Japan.	1973
19750075492	Laoag TACAN station evaluation report. Paredes as (PAF) Republic of the Philippines	1973
19750075493	Radar station evaluation report, Chievres Air Base, Belgium	1973
19750075516	Conference on nondestructive testing of materials (4th)	1973
19750075521	Propagation climatology for AN/FSS-7 sea launched ballistic missile detection and warning sites	1973
19750075527	Controlled fusion at the crossroads: Magnetic or laser confinement	1973
19750075528	Thermography and its applications	1973
19750075529	Electrochemical behavior of hypochlorite in a chlorate cell	1973
19750075530	Characteristics of anodic polarization of lithium, aluminum, and magnesium electrodes in organic electrolytes	1973
19750075531	Containers in air freight traffic	1973
19750075538	Development of a free radical film printer	1973
19750075542	Lead tin telluride single crystals	1973
19750075544	A study of the types of multimeters in the TMDE inventory	1973
19750075545	Programmed combustion process (PROCO) ford combustion process	1973
19750075554	Superplastic metal technology	1973
19750075567	Advanced data transfer test study. Volume 1: Comparisons, conclusions, and recommendations	1973
19750075573	New tactical and strategic missile systems of the National People's Army (GDR)	1973
19750075576	Development and fabrication of a space hardened ND (plus 3) YAG laser transmitter system for orbital range and altitude control	1973
19750075577	Development of drawn sheet glass technology	1973
19750075578	Some Soviet spectrometers and spectrophotometers	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075580	New oils	1973
19750075581	Behavior of glass-mat-reinforced laminates under various mechanical loads	1973
19750075584	Influence of electrical field strength on the course of wire explosions	1973
19750075585	Possibilities for improving exhaust emission characteristics of gasoline engines through engine modifications	1973
19750075594	Pulsed electrical power circuit and electromagnetic system design notes PEP 4-1. Volume 1: Notes 1 through 9	1973
19750075595	Pulsed electrical power dielectric strength notes PEP 5-1. Volume 1: Notes 1 through 23	1973
19750075596	Shock pressure simulation with solid matter combustion chambers	1973
19750075600	Molecular lasers	1973
19750075602	Electronic reconnaissance equipment, radar	1973
19750075603	Mathematical evaluation of complex consecutive equations using a special approximation method	1973
19750075608	A study of a liquid metal thermal energy source	1973
19750075613	Capacitor test program	1973
19750075614	Capacitor Test program	1973
19750075617	Meteorological translations no. 23	1973
19750075619	Evaluation of the use of the quantimet 720 in the determination of the size distributions of monodisperse latices	1973
19750075622	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19750075632	Handbook for the Army rocket school	1973
19750075633	Comparison of solar seeing and air temperature fluctuations at Oslo Solar Observatory	1973
19750075641	Research of metal solidification in zero-G state	1973
19750075649	NAVAIDS station evaluation report, RAF Upper Heyford, United Kingdom	1973
19750075650	Station radar evaluation report, Torrejon Air Base, Spain	1973
19750075651	Special evaluation report, Nellis AFB Nevada, MPN-13 modified antenna SN 176902-1	1973
19750075652	Radar station evaluation report, Ellington AFB, Texas	1973
19750075653	Radar station evaluation report, McConnell AFB, Kansas	1973
19750075656	Upwelling possibilities at an ice edge, homogenous model	1973
19750075661	Mathematical description of wire explosions	1973
19750075664	An automated vibration measurement system and computer data bank	1973
19750075666	Production assessment test report on capacitor, fixed film metallized, hermetically sealed lead mount, contractor hi-rel	1973
19750075674	Qualification test on (12) cell amplifier modules (A-2)	1973
19750075676	Qualification status of cambridge thermionics (11242011-7)	1973
19750075677	Parts evaluation report motor - generator	1973
19750075720	CTS: Thermal control surface properties measurement	1973
19750075732	Qualification status of Bourms (1/291797-1, 2, and 3) resistors, variable cermet, single turn, linear, .25-50 watt	1973
19750075737	A phenomenological model for the momentumless turbulent wake in a stratified medium	1973
19750075738	Radar station evaluation report at Sembach Air Base, Germany	1973
19750075739	Effects of staggered PRF on MTI blind speeds	1973
19750075751	Qualification test report new design for the water separation connector	1973
19750075752	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1973
19750075753	Qualification test report hydraulic power unit	1973
19750075760	Production assessment test report on semiconductor, diode, voltage reference, silicon diffused glass	1973
19750075786	Magneti marelli electronis diagnostic system for vehicles	1973
19750075789	Contributions to the subject of color developing. Part 18: On the regeneration of color-developing baths by means of ion exchangers and adsorption resins	1973
19750075791	Effect of thermal treatment on properties of cermet Cr-SiO thin films	1973
19750075792	Cerium-iron alloys	1973
19750075794	Semiconductor technology	1973
19750075832	Electricity in transport: The urban electric vehicle, study of components: Introduction	1973
19750075834	Hydrostatic drives for helicopter tail rotors	1973
19750075839	Qualification test on (14) network, servo amplifier modules	1973
19750075843	Integrated circuit electromagnetic susceptibility investigation. Phase 2: Cable coupling study	1973
19750075860	Reliability/maintainability concepts for long life space missions	1973
19750075861	Qualification test report disconnect no. 2 CDF stack: Ignition parts and explosives, impulse, prima-corp, electrical	1973
19750075864	Coupling half, quick disconnect, self sealing (pitot static)	1973
19750075867	Precision cutter-grinding fixture	1973
19750075885	Combination of electronics and precision mechanics in a semi-electronic dataprinting machine	1973
19750075886	Technology of the detail filter process	1973
19750075887	Electricity in transport: The urban electric vehicle	1973
19750075890	The continuous-operation absolute bourdale filters	1973
19750075891	Emission and immission measurements of air pollution with the aid of lasers	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075917	Procedure of study of the thermal energy required for the ignition of a homogeneous solid propellant	1973
19750075921	ALCAP-AC linear circuit analysis program	1973
19750075922	The exchange constant of gallium substituted iron garnets	1973
19750075923	Deconvolution with observers	1973
19750075924	Multiple garnet film growth by LPE	1973
19750075927	Adaptive high-speed data modems	1973
19750075937	Source qualification for MIS 14150/69	1973
19750075961	Projectile impact and penetration forcing functions, engineering study, Phase 2	1973
19750075982	Use of real time simulations and displays as tactical training devices	1973
19750075987	Parts evaluation report diode	1973
19750075988	Cannon launched guided projectile aerodynamic configuration design study, Volume 1	1973
19750075989	Failed part analysis report, Scout control system relief valve	1973
19750075994	The behavior of copper pins upon impacting various materials at velocities of 50-1650 m/s	1973
19750076009	Cannon launched guided projectile aerodynamic configuration design study, volume 2	1973
19750076010	Qualification test report of resistors, variable, plastic, precision, single turn, linear, .10-.1	1973
19750076022	Destructive physical analysis report	1973
19750076024	Spectral analysis of PSK for digital satellite channels using a third order nonlinear model	1973
19750076025	Glass fiber reinforced plastics, 1	1973
19750076032	Lasers	1973
19750076043	Chemical engineering division fuels and materials chemistry	1973
19750076048	Evaluation of heater circuit protective devices as a means of limiting heater failure damage	1973
19750076051	Sandia artwork language: A tutorial introductory handbook	1973
19750076052	GAIN: Interactive graphics interface for circuit analysis programs	1973
19750076053	Accident probability reduction by the application of service reliability data	1973
19750076054	Culham study group report on fusion reactors and the environment	1973
19750076055	Numerical solution of the transient response of elastic-plastic strain-rate-sensitive shells of revolution subject to azisymmetric loading	1973
19750076056	Validation of high temperature design methods and criteria	1973
19750076057	CONUS defense engagement simulation (BETA CADENS), staff officer's manual	1973
19750076062	Potential airborne release of surface contamination during a range fire in the B-C controlled area	1973
19750076063	Safety engineering	1973
19750076082	Self-welding behavior of various materials in a sodium environment	1973
19750076093	MULCYI and MULCYII: Computer programs for solving one and two dimensional heat conduction problems in multilayered cylinders	1973
19750076094	Sodium technology and cover gas seal development programs	1973
19750076095	Computer programs for electromagnetic field and charged particle calculations, part 1	1973
19750076102	Numerical method for the calculation of bow-shock shapes on blunted sphere-cone configurations. Volume 1: Method and results	1973
19750076103	Numerical method for the calculation of bow-shock shapes on blunted sphere-cone configurations. Volume 2: Description of computer programs	1973
19750076105	Gerber 1200-Sykes 120 interface package	1973
19750076108	Study on the thermal properties of boron carbide	1973
19750076111	Sodium technology and cover gas seal development programs	1973
19750076114	Some moisture effects on Rueter-Stokes mineral insulated cable, type RSE 2-0041	1973
19750076115	Improved high shock crystal accelerometer	1973
19750076129	Applied Science Division progress report, 1 October to 31 December 1973	1973
19750076132	Low-temperature electrical resistivity characteristics of fast-neutron - irradiated CDS: New concepts in neutron detection	1973
19750076134	Test plan on subassembly-to-subassembly meltthrough	1973
19750076136	ANL low-cycle fatigue studies: Program, results, and analysis	1973
19750076144	Computer program for unfolding detector response effects from a continuous gamma ray spectrum	1973
19750076157	Accurate computation of the screened free-free gaunt factor over the region in which the Born approximation fails	1973
19750076160	Survey of experimental information on the whirl behaviour of immersed shafts	1973
19750076165	SALOGS-III simulation models for the T1539 controller TTL logic	1973
19750076170	Display	1973
19750076185	Nuclear stage system definition study phase 4. Volume 5: Cost data	1973
19750076200	Launch vehicle test and checkout plan. Volume 11: Saturn 1B launch vehicle AS-206 flow plan and listings	1973
19750076201	Launch vehicle test and checkout plan. Volume 11: Saturn 5 launch vehicle AS-513 flow plan and listings	1973
19750076216	Kennedy Approved Parts List (KAPL). Volume 2: (KAPL-E) electrical/electronic parts	1973
19750076217	Kennedy Approved Parts List (KAPL). Volume 4: (KAPL-MAT) Materials	1973
19750076218	Skylab 3 ground DDAS data evaluation guide	1973
19750076219	Skylab 3 space vehicle data evaluation guide	1973
19750076239	Heat exchange and gas flow with the interaction of the laminar boundary layer with a shock wave which is formed near a cylindrical obstruction	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076243	The universal marine system gyro: the ESG	1973
19750076248	Bibliography on ignition	1973
19750076263	Fiberglass reinforced plastics, part 2	1973
19750076264	Hovercraft for pleasure boating and light transport	1973
19750076265	A high voltage pulse generator	1973
19750076282	Operational effectiveness and compatibility of large helicopters in various helicopter mixes in amphibious operations: 1980 - 1990	1973
19750076289	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19750076290	Mechanism of sigma phase precipitation in nickel-base superrefractory alloys	1973
19750076291	Data transmission systems	1973
19750076293	Qualification test on (12) Servo amplifier modules	1973
19750076315	Microelectronics	1973
19750076317	Helicopter nap-of-the-earth terrain scanner and wire detection systems feasibility study	1973
19750076322	Electricity in transport: The urban electric vehicle: Study of components: Fuel cells	1973
19750076323	Electricity in transport the electric urban vehicle: Study of constituents storage batteries	1973
19750076334	Development of fuel reactors and magnetohydrodynamics in industrial production of electrical energy	1973
19750076335	Principal technological applications of fuel cells	1973
19750076336	Holotablet	1973
19750076338	Production assessment test report on transformer, pulse, NOC, enclosed, 30-300 KHZ	1973
19750076343	US Air Force Accident Bulletin 1973	1973
19750076345	Producing hydrogen gas directly from water	1973
19750076346	Self-adjusting systems for radar tracking of moving targets	1973
19750076347	Technical requirements for automated utilization of a map-name memory	1973
19750076348	Heat treatment equipment for thick plates	1973
19750076358	New materials for the reinforcement of synthetic materials. Part 2. Glass fibers, microspheres and whiskers	1973
19750076360	Production assessment test report on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1973
19750076363	Production assessment test report on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1973
19750076367	Cupro-nickel alloy 725 wire evaluation	1973
19750076371	Protective finishes for low alloy steel bolts	1973
19750076391	Power transformer qualification test on transformer, power, open 3-30 KHz, NOC	1973
19750076408	Bibliography on buckling	1973
19750076409	The technology of monolithic integrated circuits	1973
19750076416	Surface Effect Ship (SES) weight reduction feasibility study, volume 1 (U)	1973
19750076417	Surface Effect Ship (SES) weight reduction feasibility study (U)	1973
19750076420	Low band millimeter wave TWT QKW1756 (U)	1973
19750076430	Night Observation Gunship System (NOGS). Volume 2: Analysis (U)	1973
19750076483	Current load testing of the SA1752-15 miniature fuse	1973
19750076489	Void nucleation and growth in heavy ion and electron bombarded pure metals	1973
19750076490	HEDL quarterly technical report, July, August, September 1973. Volume 1: Materials technology	1973
19750076491	Proposal to add nickel dioxide to 1L2 to release activity from the carbon steel surfaces	1973
19750076495	Development of the MC2848 marker, a pyrotechnic actuated device	1973
19750076499	Data information system for graphitic materials for HTRs and its management by electronic data processing	1973
19750076500	Temperature monitors based on coarsening, a new approach	1973
19750076501	Fracture of zircaloy cladding under simulated power ramp conditions	1973
19750076502	Solubility of carbon in sodium	1973
19750076504	Use of finite element computer programs bellowmesh and bellowsolution for stress and deformation analysis of axisymmetric bodies	1973
19750076515	Extended temperature range ACPS thruster investigation	1973
19750076527	Dissertation: Formation condition and properties of the two crystal phases of silicon nitride	1973
19750076528	Parametric study of several variables peculiar to a magnetic type of general purpose mine	1973
19750076535	Resistor, variable	1973
19750076537	Environmental test of L501 000 223 power supply. Power supply, electrical, non rotating, 2-10 watts, DC, 1-30 volt	1973
19750076538	Stress screening of variable resistors	1973
19750076551	Bibliography on radiation effects on electronics	1973
19750076552	Bibliography on buffeting	1973
19750076554	Parts evaluation report coil	1973
19750076555	Parts evaluation report, diode	1973
19750076556	Parts evaluation report coil LT 10K	1973
19750076557	An investigation into the large-wave-height response of two wave recorders	1973
19750076558	NUMAL, a library of numerical procedures in ALGOL 60 index and Kwic index	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076561	Sy 116-B visual flash evaluation	1973
19750076567	Lamellar solid film lubrication of ball bearing for space use	1973
19750076575	Investigation into the cause of failure of ram beam slipper mounting bolt	1973
19750076628	Comparative effectiveness and rocket expenditures of elected AH-1G (Cobra)/-2.75-inch rocket systems (U)	1973
19750076636	Analysis of risks involved in engineering test/service test ET/ST plan for plan for air defense control and coordination system AN/TSQ-73 (U)	1973
19750076819	Effects of thermal ageing on the dimensional stability of a range of commercial alloys	1973
19750076821	Fuels, materials, and control rod development programs	1973
19750076829	Gist of report on mechanical and structural experiment and computer code development for static, natural vibration, and earthquake response analyses of double-wall piping for FBR coolant system (1)	1973
19750076830	Low cycle fatigue strength test of 316 stainless steel for LMFBR cladding material	1973
19750076928	Transformer power	1973
19750076929	Report of test on magnetic amplifier (saturable reactor), 154354, OECO Corporation	1973
19750076937	Experimental aspects of the effects of noise on the central nervous system	1973
19750076952	APC reconnaissance at night	1973
19750076953	Process for the manufacture of shaped powder bodies for propellant charges	1973
19750076954	Propellant powder and production methods	1973
19750076956	The effect of tolerances and finishes on manufacturing costs	1973
19750076959	Stress screening of variable resistors	1973
19750076962	Electron beam welding the SSME metals in vacuum chambers	1973
19750076965	Production assessment test report, C3 pat 2 integrated circuit, on microelectronic circuits, gate, monolithic circuits (NOG), flat pack	1973
19750076966	Production assessment test report on semiconductors, transistors, general purpose silicon, NPN, planar, metal can	1973
19750076969	AFAR transceiver module, phase 1	1973
19750077008	Enumeration of vertices in the linear programming problem	1973
19750077010	Calibration of a fused-quartz precision pressure gauge	1973
19750077011	Determination of residual metallic impurities in gas turbine fuel	1973
19750077016	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors	1973
19750077018	Antiaircraft defense herald, no. 7, 1973	1973
19750077027	AFAR transceiver module, phase 1	1973
19750077049	High pressure stage performance of modern turbojet engines	1973
19750077077	Beam techniques for fabrication of microwave integrated circuits	1973
19750077083	Magnetic wave devices for microwave applications	1973
19750077084	A Hilbert transformer	1973
19750077085	Total dose effects of ionizing radiation on MOS structures at 90K	1973
19750077086	B-1 EMP evaluation model	1973
19750077087	Multiconductor transmission line theory and experimental verification	1973
19750077088	The application of relativity theory to external coupling problems	1973
19750077089	Effects of age on the serviceability of hydraulic components and systems	1973
19750077128	Qualification status of San Fernando for 10180704	1973
19750077129	Qualification status of Erie Technological for (10110453). Capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1973
19750077130	Qualification status of Gulton for 10181723	1973
19750077137	New unstable resonator program	1973
19750077139	Qualification status of national semi-conductors (11241457). Microelectronic circuits, hybrid circuits, metal can	1973
19750077140	Evaluation of environmental impact of noise from rotary and fixed-wing aircraft operations, Wheeler Air Force Base, Hawaii, 6-28 March 1973	1973
19750077142	Electricity in transport: The urban electric vehicle: Motors and control systems	1973
19750077143	Investigation of the plastic buckling of slender metallic cylinders on impact with metallic targets	1973
19750077144	Simple registering devices for the study of thermal decomposition	1973
19750077145	Microcircuit, digital Hex inverter	1973
19750077169	Error propagation, calibration and reset of advanced marine space stabilized inertial navigation systems	1973
19750077170	Magnetic coupling of EMP energy into a microwave horn	1973
19750077172	Qualification test on transistors. Semiconductors, transistors, field effect, silicon n-channel, planar, metal can	1973
19750077181	Contact, electrical, power type, size 20-20	1973
19750077182	Qualification of Yellow Springs Instrument Company, thermal resistor 7536235P4	1973
19750077192	Influence of temperature on fatigue strength of reinforced polyamide	1973
19750077194	Failure data collection. Analysis, and corrective action: B-1 program	1973
19750077204	Qualification status of national semiconductor	1973
19750077205	Qualification status of TI on microelectronic circuit, counter, plastic, flat pack	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077206	Contact, dummy, grounding	1973
19750077223	The detection of particles made up of particular chemical substances in the investigation of nuclei of condensation and nuclei of artificial sublimation	1973
19750077225	HEDL. Volume 2: Reactor and safety engineering	1973
19750077226	HEDL. Volume 3: Engineering and development	1973
19750077227	PCMIN: NADS data ingestion program	1973
19750077228	Model test of time response of large permanent magnet flowmeters	1973
19750077229	Effect of carbon on the mechanical properties of 2 1/4 Cr-1 Mo steel	1973
19750077230	ORNL user's manual for creep-plastic computer program	1973
19750077231	Weldability and mechanical properties of 16-8-2 stainless steel filter metal	1973
19750077232	Coefficient of friction tests	1973
19750077234	Creep of 20 percent CW type 316 stainless steel	1973
19750077235	Experimentally determined shear properties of rotary-motion sodium freeze seals	1973
19750077243	Spherical aberration of a two mirror system	1973
19750077249	Fuels and materials development program	1973
19750077250	Technique for sealing corning code 1720 glass to molybdenum	1973
19750077260	Classical upper confidence limits for the failure probability of systems	1973
19750077377	Qualification test report disconnect explosive interstage	1973
19750077397	Aeronautical antenna handbook of EMP response	1973
19750077400	HF D/F program - phase 1	1973
19750077402	Temperature of thermal peaks during ionic crystal irradiation	1973
19750077407	Production engineering measure for improvement of production techniques for sintered slug solid electrolyte aluminum capacitors	1973
19750077413	Exposure of Viton seals to high temperature monomethylhydrazine	1973
19750077419	Design of a field test for probability of hit by anti-aircraft guns	1973
19750077420	Design of a field test for probability of hit by anti-aircraft guns, second addendum	1973
19750077430	The electric automobile	1973
19750077432	The development of high performance annular combustion chambers by SNECMA	1973
19750077434	Electronic automobiles	1973
19750077435	Worldwide development of air freight traffic	1973
19750077436	Development of production of geodetical measuring instruments in the USSR	1973
19750077439	Is aerial photography being fully utilized as a source of information	1973
19750077440	Use of a cyclotron to study the radiation chemistry of a solid	1973
19750077443	Qualification test of 1564939 tantalum capacitors manufactured by Transitor Electronics	1973
19750077450	Qualification test on diodes. Semiconductors, diode, varactor, silicon, alloy, glass	1973
19750077460	Microcircuit, digital, NAND buffer	1973
19750077461	Microcircuit, digital, bistable, multivibrator, dual	1973
19750077462	Microcircuit, digital, Hex inverters	1973
19750077488	Constrained lens antenna	1973
19750077491	Qualification test on transistors. Semiconductors, transistors, general purpose, silicon NPN, planar, plastic enclosure	1973
19750077492	Qualification test on thermistors. Resistors, fixed, thermal, glass, -.05-.10 watt	1973
19750077501	Model T-28A/D/D-5/D-10 airplane fatigue life evaluation	1973
19750077506	ADTC bibliography of technical reports	1973
19750077508	Bibliography on gamma irradiation	1973
19750077522	The 1985 anti-air warfare system study	1973
19750077527	Flow rate stability of pinched-tube, capillary, hot-pressed, and scribe flow control devices	1973
19750077528	Erosion of boron carbide by flowing sodium	1973
19750077541	Tracking system accuracy with unknown accelerations	1973
19750077546	Development of a crush type impact switch for the Hellfire missile	1973
19750077554	Qualification testing of standard scan switching modules	1973
19750077557	Resistor, variable	1973
19750077558	Arc welding and arc brazing the space shuttle main engine metals	1973
19750077560	Potentiostatic oxidation and reduction of porous nickel electrodes in alkaline electrolytes	1973
19750077571	Production assessment test report on resistors, fixed, metal film, precision, molded, .05-.10 watt	1973
19750077579	Cockpit vibration environment with and without gunfire for AH-1G, OH-6, and UH-1C helicopters	1973
19750077587	HF D/F program - phase 2, volume 1	1973
19750077602	A parametric study of the thermal blooming of high power Gaussian CO2-laser-beams in the atmosphere	1973
19750077606	Instruction manual for the operation and maintenance of optic probe P2	1973
19750077616	Report on focused cooling investigation	1973
19750077625	Air cushion loading pallets	1973
19750077626	Standard ballistic test evaluation system for solid rocket propellants	1973
19750077627	Information about dehumidication for packaging and storing	1973
19750077631	Electromagnetic pulse sensor and simulation notes EMP 1-12. Volume 12: Notes 137 through 147	1973
19750077633	Design and development of a free-displacer/thermal compressor cryogenic refrigeration system	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077649	HEDL quarterly technical report, July, August, September 1973. Volume 3: Engineering and development	1973
19750077651	Research on armor material	1973
19750077652	Specification control drawing diode, bidirectional. Semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19750077662	FIXWEX CHARLIE 73, preliminary test plan	1973
19750077670	A positioning-error measuring system for numerically controlled machines	1973
19750077673	Guidelines for the prevention of ignition dangers in connection with electrostatic charges	1973
19750077680	Laser countermeasures frequency doubler	1973
19750077688	Mathematical techniques for calculating flow currents in jet engines	1973
19750077690	Parts evaluation report transistor	1973
19750077692	SSME metals machinability index	1973
19750077705	Capacitor test program. Capacitor, fixed, ceramic, molded, lead mount, MIL-general	1973
19750077708	Microcircuit digital, decoder/demultiplexer	1973
19750077709	Integrated circuit, decoder, dual 2 line to 4 line decoder demultiplexer	1973
19750077710	Integrated circuit, dual J-K edge flip-flop, Schottky barrier	1973
19750077711	Semiconductor device, diode, RF microwave switch BV = 100, Ct = 35 off at -30V, Rs 700m, Ts = ns	1973
19750077722	Preparations for lightweight hydraulic systems hardware endurance testing	1973
19750077764	Qualification test of (32) transistors. Semiconductors, transistors, power, silicon NPN, metal can	1973
19750077777	Failed part analysis report, scout destruct system relay	1973
19750077789	Development of basic cold cathode materials and fabrication of test diodes	1973
19750077793	Production assessment test report on capacitor, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, contractor hi-rel	1973
19750077795	Qualification test on capacitors	1973
19750077796	Qualification test report on capacitors	1973
19750077797	Qualification test on diodes	1973
19750077800	Production assessment test report on filter, electrical, radio frequency, NOC, low pass, fixed	1973
19750077801	Production assessment test report on capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, contract or hi-rel	1973
19750077815	Environmental test report on L200 023 305 demodulator	1973
19750077816	Environmental test of L501 000 224 power supply	1973
19750077817	Qualification tests of Pyle National Company terminal module series no. 12 and 16, crimp type socket contacts	1973
19750077832	Dynamic material properties of geologic material from the U2 site	1973
19750077835	System consideration for EMP hardening	1973
19750077842	Qualification status of intronics	1973
19750077843	Failure analysis report on resistors, variable, subminiature	1973
19750077844	Destructive physical analysis report for the AN/DAW-1 program	1973
19750077858	High-power fluidic generator	1973
19750077859	Capacitor test program	1973
19750077868	Quality assurance briefs	1973
19750077869	Quality assurance briefs	1973
19750077872	Production assessment test report on semiconductors diode voltage reference, silicon, diffused, glass	1973
19750077873	Production assessment test report, C3 PAT 2 thermistor, on resistors, fixed, thermal, glass, less than 0.02 watt	1973
19750077874	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19750077875	Qualification status of texas instrument. Hardware mechanical and electromechanical	1973
19750077876	Qualification status of Hermetite hardware mechanical and electromechanical	1973
19750077891	Integrated circuit, logic gate. Triple 3 - input positive and gate	1973
19750077892	Integrated circuit, logic gate. Dual 4-input positive nand gate	1973
19750077893	Qualification status of IRC on resistors, fixed, metal film, precision, molded, .05 - .10 watt	1973
19750077915	Digital compensator synthesis	1973
19750077927	Production engineering measure for S and C band injected beam crossed-field amplifiers employing ceramic mounted slow wave structure	1973
19750077933	Advanced loads and motions studies for Surface Effect Ship (SES) craft. Part 8. Fatigue load spectra and acceleration spectra	1973
19750077934	Advanced loads and motions studies for surface Effect Ship (SES) craft. Part 7. Slamming	1973
19750077935	CONUS defense engagement simulation (BETA CADENS). Part 1: Programming specifications manual	1973
19750077959	Qualification status of Raytheon for 10180396, transformers, hermetically sealed, 3-30 k Hz	1973
19750077960	Qualification status of Dynisco (10669684)	1973
19750077962	Qualification report on gyros, directional, hermetically sealed, miniature, electric motor	1973
19750077968	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1973
19750077969	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077970	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1973
19750077978	Service life evaluation program	1973
19750077979	Production assessment test report on microelectric circuits, multivibrator, monolithic circuits, NOC, flat pack	1973
19750077995	Component evaluation report on Unitrode Corp. JANTX2N3028, silicon controlled rectifier	1973
19750077996	Electrodeposition of dispersion strengthened alloys	1973
19750077997	Circumvention for EMP	1973
19750077998	Mechanization of staff work	1973
19750077999	Qualitative determination of organometallic substances in solid propellants by thin layer chromatography	1973
19750078004	Production assessment test report on semiconductors, special types of, matched, silicon, planar, epitaxial	1973
19750078005	Production assessment test report on semiconductors, special types of, matched, silicon, planar, epitaxial	1973
19750078006	Component parts information bulletin	1973
19750078009	Comparison of MIL-STD-1600 with RADC notebook for microcircuit reliability predictions	1973
19750078011	Qualification test report roll control valve, flapper, electrical, sequence, gas, hot	1973
19750078015	Developments in the field of packaging in the Soviet Union in the light of new scientific work. Thoughts on the days of Soviet science and technology	1973
19750078016	Metal plate resistors with vacuum deposition of modified Ni/Cr film	1973
19750078020	Thermomechanical treatment in the manufacture of structural steel plates	1973
19750078038	Film processing and water	1973
19750078046	Qualification status of air pax electronics	1973
19750078047	NPN, silicon transistor	1973
19750078055	Irradiation effects on reactor structural materials	1973
19750078056	Survey and analysis of some current mixing tee studies	1973
19750078057	Clamp program documentation	1973
19750078058	Irradiation-induced creep of 20 percent cold worked type-316 stainless steel	1973
19750078062	Progress report, 1 July - 30 September 1973	1973
19750078065	Modification of the MPS magnetic field by introduction of iron pieces to produce a horizontal field component	1973
19750078076	Research and ecology semiannual progress report, March - August 1973: Ceramics	1973
19750078090	Measurements of the drag of some characteristic aircraft excrescences immersed in turbulent boundary layers	1973
19750078091	The effect of alpha-beta working on the fatigue and tensile properties of Ti - 6Al - 4V bars	1973
19750078095	Fire resistance of some thickened aircraft fuels under simulated crash conditions	1973
19750078101	A gyro to survive cannon launch	1973
19750078112	Measurement program for high altitude aircraft tests. Volume 3: AVLOC flight no. 15	1973
19750078116	An analysis of the utilization of the Goddard networks for 1973 - 1980	1973
19750078119	Combustion instability measurements on the propellant ANB 3066	1973
19750078131	Relay, reed, electromagnetic, miniature reed relay 12 VDC, 240 milliwatts	1973
19750078134	Capacitor test program	1973
19750078151	Electronic jamming of radar devices	1973
19750078152	Catalytic properties of silver-zinc systems	1973
19750078168	Pulsed electrical power radiation production notes PEP 3-3. Volume 3: Notes 28 through 35	1973
19750078180	Modern fuel tanks and storage facilities	1973
19750078184	Response of surface wave and acoustic wave dispersive delay lines to multi-pulse input bursts	1973
19750078192	Monthly record. Meteorological observations in Canada, November 1973	1973
19750078195	Quality assurance briefs	1973
19750078202	Calculation of steady-state operating conditions over a small time interval during the numerical integration of the differential equations for transient electromechanical processes of power systems	1973
19750078209	The radicalox process	1973
19750078210	MVT2 mine surveying gyrocompass	1973
19750078211	Properties of thin layers of copper and iron	1973
19750078216	Failure processes in metal matrix composites	1973
19750078220	Large area plasma display panel	1973
19750078224	Production assessment test report on capacitor, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, contractor hi-rel	1973
19750078225	Production assessment test report on capacitor, fixed, film, metallized, nonmetallic case, lead mount, contractor hi-rel	1973
19750078230	Qualification status of Bulova	1973
19750078234	S-band avalanche diode amplifiers	1973
19750078236	Evaluation of various photographic emulsion types for air-photos for forest survey needs	1973
19750078237	Contact lens protects eyes from light radiation	1973
19750078240	Investigation of certain new developers photography	1973
19750078258	Reliability demonstration testing using failure-free trials	1973
19750078259	Specifying bubble memory films	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078260	Ferromagnetic resonance properties of LPE YIG films	1973
19750078278	Parts evaluation report, transistor, semiconductor, transistor, general purpose, silicon NPN, plastic enclosure	1973
19750078279	Parts evaluation report, diode, semiconductor, diode, rectifier silicon, grown, plastic	1973
19750078313	Feasibility investigation of lightweight steel/aluminum composite cartridge cases	1973
19750078314	Parts evaluation report 1 umbilical cable	1973
19750078315	Parts evaluation report capacitors	1973
19750078317	Imaging systems using birefringently phase-matched parametric	1973
19750078318	Photoelastic study of gelatine models	1973
19750078319	Capacitor test program	1973
19750078322	Production assessment test report on semiconductors, special types of, effect, silicon, planar epitaxial	1973
19750078323	Production assessment test report on semiconductors, diode, voltage reference, silicon, diffused, glass	1973
19750078324	Production assessment test report on semiconductors, diode, rectifier, silicon diffused, glass	1973
19750078325	Production assessment test report on semiconductors diode, rectifier, silicon, diffused, plastic	1973
19750078326	Production assessment test report, C3 PAT 2 diode, on semiconductors, diode, voltage reference, silicon, diffused, glass	1973
19750078327	Production assessment test report on semiconductor, diode, rectifier, silicon, diffused, plastic	1973
19750078333	Automatic data processing as aid in military operational control	1973
19750078334	Qualification status of Aerovox capacitor, fixed, ceramic, molded, lead mount, contractor Hi-Rel	1973
19750078335	Qualification status of Altair switch, electrical, fluid pressure, diaphragm, SPST (NO)	1973
19750078336	Integrated circuit, decoder-demultiplexer	1973
19750078337	Qualification status of national semiconductor	1973
19750078338	Qualification status of NCI	1973
19750078355	Bibliography on photo-processing	1973
19750078358	A secondary battery using a graphite lamellar compound	1973
19750078361	Principles and equipment for jamming radar devices	1973
19750078362	On an approximated method for resolution of non-linear equations with hereditary terms	1973
19750078369	Qualification test of (32) transistors. Semiconductors, transistors, general purpose, silicon, PNP, metal can	1973
19750078370	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1973
19750078398	Advanced composite reinforcement of C-130 center wing box, phases 2 and 3	1973
19750078424	The functional mechanics of the varicap and its application	1973
19750078429	Life test of national transistor on semiconductor, transistor, field effect, silicon, N-channel, metal can	1973
19750078430	Steady state life test of national transistor	1973
19750078431	Qualification for MIS14150/57A	1973
19750078438	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1973
19750078441	Production assessment test report, C3 PAT-2 transistor, field effect, on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1973
19750078442	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1973
19750078443	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial	1973
19750078444	Production assessment test report on semiconductor, diode, general purpose, silicon, diffused, glass	1973
19750078445	Production assessment test report on resistor, fixed, wirewound, NOC, molded 1-2 watts	1973
19750078446	Production assessment test report on resistor, fixed, wirewound, NOC, molded	1973
19750078447	Production assessment test report on resistor, fixed, tin oxide, NOC, molded .125 - .25 watts	1973
19750078448	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19750078449	Reliability, design and application considerations for classical and current redundancy schemes	1973
19750078450	Advanced composite reinforcement of C-130 center wing box, phase 3 and 4	1973
19750078451	Advanced composite reinforcement of C-130 center wing box, phases 3 and 4	1973
19750078453	Sensor cueing and display freeze as target acquisition aids	1973
19750078455	Report of test on qualification testing of contacts, connector, P/Ns 094-0001-040, 095-0040-040	1973
19750078462	An automatic optimizer for condensation of the pulse equalizer in a data transmission	1973
19750078463	The Influence of pressure, mass flow and contour angle on chemical relaxation in nozzles	1973
19750078464	State of development of thermic reactors and catalysts in gasoline engines	1973
19750078465	The computer: An aid in maneuver, part 1	1973
19750078468	Report of test on qualification testing of receptacle 25001-00115 and plug 25002-000-84	1973
19750078469	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1973
19750078473	Qualification status of national semiconductor on transistor, field effect, silicon, N-channel, metal can	1973
19750078474	Production assessment test report on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1973
19750078475	Production assessment test report, C3 PAT 2 transistor, field effect, on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1973
19750078476	Production assessment test report, C3 PAT 2 transistor, field effect, silicon, N-channel, planar, metal can	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078478	Production assessment test report, C3 PAT 2 transistor on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1973
19750078482	Observation of air jet flow in fluidic element by some optical methods	1973
19750078504	Qualification status of jarry electronics on transformer, pulse, NOC, hermetically sealed	1973
19750078505	Ion implantation deposition of energy into electronic processes in silicon and germanium targets	1973
19750078506	Production assessment test report on semiconductors, diode, voltage reference silicon, diffused, glass	1973
19750078508	Environmental vibration test of hermetite hardware (mechanical and electromechanical)	1973
19750078537	F-1 engine elastomer seal material evaluation	1973
19750078538	Effect of 32 days irfna exposure on AFE-124D O-rings	1973
19750078549	Radar station evaluation report. Clark Air Base, Republic of the Philippines	1973
19750078550	Navais station evaluation report, Torrejon Air Base, Spain	1973
19750078556	Organic cable insulation comparison tests	1973
19750078557	Wetting of cladding materials and other metals and alloys by sodium	1973
19750078562	Methods of inspection and testing of HTR fuels	1973
19750078563	Properties of reinforced ferritic steels in view of their application as cannings for fast reactor fuels	1973
19750078571	Research and ecology semiannual progress report, September 1972 through February 1973	1973
19750078587	Influence of structure on the superconducting properties of NbTi 50 and NbTi 65	1973
19750078604	Integrated circuit, logic gate. Dual 2-wide 2- input and-or-invert gate (one gate expandable)	1973
19750078640	The Barkhausen effect and aftereffects in ferromagnetics	1973
19750078641	Disposal of plastic waste	1973
19750078642	Certain characteristics of the optical system of enlargers	1973
19750078643	Industrial hall skylights from polyesters reinforced with glass fibers	1973
19750078644	Climate dependent technology and silicones	1973
19750078645	A magnetometer for weak fields with 10 ppm resolution	1973
19750078659	Input-output devices of electronic computer systems	1973
19750078673	Research investigations associated with the phase B design of EGRET (Energetic Gamma Ray Experiment Telescope)	1973
19750078675	Production assessment test report on semiconductors special types of, matched, silicon, planar, epitaxial	1973
19750078683	Importance of low altitudes in air combat and air defense	1973
19750078684	Remote feed, control and signalling in relay lines of multichannel systems with coded pulsed modulation	1973
19750078695	Spectrum signature measurement data for radio transmitting set AN/GRT-21 and radio receiving set AN/GRR-23	1973
19750078696	Spectrum signature measurement data for radio transmitting set AN/GRT-22 and radio receiving set AN/GRR-24	1973
19750078707	Sintered bodies of silicon nitride, alumina system	1973
19750078729	Screen-printing of 1720 and 7059 glass insulating bonds for the radioscope thermoelectric generator	1973
19750078730	Radiographic laminography	1973
19750078740	Process for color redevelopment of black and white pictures	1973
19750078744	Minuteman 3 liquid propulsion system service life testing and prediction program	1973
19750078746	R, M, and LCC factors affecting the selection of the LC JEFFB AALC gas turbine engine	1973
19750078811	HEDL. Volume 1: Materials technology	1973
19750078812	Evaluation of available experimental results and service performance data for mixing components	1973
19750078813	Investigations of material compatibility relevant to the EBR-2 system: FY 1973	1973
19750078843	Measurement program for high altitude aircraft tests. Volume 2: AVLOC flight no. 12	1973
19750078859	Role of crystal defects on the rate of thermal decomposition of solids	1973
19750078864	Electromagnetic pulse sensor and simulation notes EMP 1-11. Volume 11: Notes 127 through 136	1973
19750078868	A study of jet theories through optical visualization of attached flow in pure fluidic element	1973
19750078875	Scale up studies of high temperature hydrocarbon-chlorine fuel cells	1973
19750078878	High-temperature fuel-cell battery for the conversion of hydrocarbons	1973
19750078879	Geodetic, topographic and cartographic production developments in the USSR	1973
19750078880	Production assessment test report of semiconductors, transistors, field effects, silicon, N-channel, planar, metal can	1973
19750078885	On interpreting the increase of strength of steels by thermomechanical treatment	1973
19750078886	Multihole ferrite plate storage	1973
19750078901	Qualification test procedures for contacts. Crimp types	1973
19750078933	CONUS defense engagement simulation (BETA CADENS), user's manual. Part 2: OUTPUT EDITOR and graphical output programs	1973
19750078934	Rational inclusion of the re-melting process in the production of steelworks	1973
19750078935	Type FH 151/20 25 kVA, 20, 400 Hz middle frequency rotary converter	1973
19750078936	Infrared: New possibilities for detection during day and night	1973
19750078943	Simulated testing and evaluation of protective coatings to control corrosion on aircraft carrier launching and recovery equipment	1973
19750078972	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1973
19750078973	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078974	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19750078975	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19750078976	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19750078977	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19750078978	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1973
19750078985	Electricity in transport: The urban electric vehicle. Power distribution and electric vehicles	1973
19750078986	Cartographic journals and other publications	1973
19750079011	List of documents reporting project results	1973
19750079018	Production engineering measure for improved reliability of mica transmitter capacitors	1973
19750079025	Production assessment test report on semiconductors, transistors, general purpose, silicon, n-p-n, planar metal can	1973
19750079039	Clark TACAN station evaluation report. Clark AB, Republic of the Philippines	1973
19750079041	Monthly record. Meteorological observations in Canada, October 19, 1973	1973
19750079051	Contact, electrical, low pass filter type, size 20-20	1973
19750079065	Performance tests of metal oxide insulated coaxial cables for reactor instrumentation application	1973
19750079084	The assessment of spun tungsten shell nozzle inserts in solid propellant rocket motors	1973
19750079088	Sprint 2 baseline analysis on reactor 10700015	1973
19750079198	Icing: A danger in flight	1973
19750079200	CONUS defense engagement simulation (BETA CADENS), analytical manual. Volume 1: Description of inputs	1973
19750079201	CONUS defense engagement simulation (BETA CADENS), analytical manual. Volume 2: Error messages	1973
19750079206	Radar station evaluation report. Sondrestrom AB, Greenland	1973
19750079211	Microscopic investigation of cavitation erosion damage in metals	1973
19750079232	Production assessment test report on transformer, audio frequency, enclosed audio frequency NOC	1973
19750079233	Production assessment test report on transformer, pulse NOC enclosed 30-300 KHz	1973
19750079234	Production assessment test report on semiconductor, diode, photosensitive, silicon, diffused, metal	1973
19750079237	Production assessment test report on resistor, fixed, metal film, precision molded, .05-.10 watt	1973
19750079238	Production assessment test report on resistor, fixed, metal film, precision, molded .05-.10 watt	1973
19750079239	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, hi rel	1973
19750079240	Production assessment test report on resistor, fixed, metal film, precision, molded, .05-.10 watt	1973
19750079241	Production assessment test report on resistor, fixed, metal film, precision, molded .05-.10 watt	1973
19750079242	Production assessment test report on resistor, fixed, metal film, precision, molded, .05 - .10 watt	1973
19750079256	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079257	Additional power test conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079258	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded .25-.50 watt	1973
19750079259	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079260	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079261	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079262	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079263	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079264	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079265	Additional power conditioning test on resistors, fixed, thin oxide, precision, molded, .25-.50 watt	1973
19750079266	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079267	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079268	Sprint 2 baseline analysis on coil, radio frequency	1973
19750079269	Production assessment test report on coil, inductance, fixed, 30-300 khz, 2-10 watts 1-30 volts, ferromagnetic, encapsulated	1973
19750079270	Production assessment test report on coil, inductance, fixed, 30-300 KHZ, 2-10 watts, 1-30 volts, ferromagnetic, encapsulated	1973
19750079271	Production assessment test report on filter, electrical, radio frequency, NOC, low pass, fixed	1973
19750079275	Radiation source for the near and middle infrared range	1973
19750079276	Developmental trends in thermosetting resins	1973
19750079281	OV-1D (Mohawk) vibration data for CAIR 2/OV-1D	1973
19750079282	Status of high temperature fuel cell research	1973
19750079393	Radar augmentation for HAST. Volume 1: Technical summary	1973
19750079395	Galling characteristics of materials	1973
19750079397	Concept of a missile hold-down using eutectic metal	1973
19750079398	Effect of corrosion inhibitor on liquid spring seal components, test number 2068	1973
19750079399	Evaluation of corrosion in silicone fluid, test number 2075	1973
19750079404	The successor of the survey battery, the intelligence Company	1973
19750079405	Sorption materials for gas chromatography. Ethylene glycol adipate and 1, 4-butanedioic acid	1973
19750079430	Multiconductor transmission line frequency response analysis and data-A status report	1973
19750079431	Gas flow modeling of variable area flowmeters rotameters	1973
19750079437	Porro Point TACAN station evaluation report. Wallace AS, Republic of the Philippines	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079438	Radar station evaluation report. Buckley ANGB, Colorado	1973
19750079439	NAVAIDS station evaluation report. Whiteman AFB. Missouri, procedures test report	1973
19750079443	Contribution to the study of the micropurity of steels remelted by the electroslag process	1973
19750079444	Evaluation of new type stress sensor capable of measuring radial bond stresses between solid propellant and rocket motor case	1973
19750079445	Procedure for protection of metal surfaces by metallization	1973
19750079451	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1973
19750079452	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1973
19750079456	Qualification of mylar capacitors per 902342 manufactured by Sprague	1973
19750079459	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079460	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, 25-50 watt	1973
19750079461	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079462	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079463	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, 25-.50 watt	1973
19750079467	Semiconductor device diode	1973
19750079471	Bibliography on engines (general)	1973
19750079472	Bibliography on finite differences	1973
19750079495	Additional power conditioning test on resistor, fixed, tin oxide, precision molded .25-50 watt	1973
19750079502	Computer software for an infrared detection and acquisition system (U)	1973
19750079628	Launch vehicle and checkout plan. Volume 2: Saturn 1B launch vehicle AS-207 flow plan and listings	1973
19750079659	Naval ordnance laboratory magnetic fields, 1973	1973
19750079683	A cost-by-function model for Doppler radar navigation systems	1973
19750079710	Interim report on the improvement of electronic piece parts processes and equipment	1973
19750079714	F-111D, DT and E evaluation of environmental control, airframe, flight control, and secondary power subsystems	1973
19750079715	F-111D, DT and E evaluation of environmental control, airframe, flight control, and secondary power subsystems, appendix 1	1973
19750079729	Evaluation of material and process changes in Aerovox capacitors used in MMIII	1973
19750079730	Qualification status of San Fernando on capacitor, fixed, ceramic, molded, lead mount contractor hi-rel	1973
19750079732	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1973
19750079735	Production assessment test report on capacitor, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor hi rel	1973
19750079736	Environmental degradations of metallic materials in sea water and protective measures	1973
19750079737	Introduction to use of fracture mechanics	1973
19750079738	CO2 laser welding of aero-engine materials	1973
19750079740	Microcircuit, hybrid linear	1973
19750079742	Evaluation of silicone fluid with corrosion inhibitor test number 2067	1973
19750079755	Integrated circuit reliability and manufacturing science	1973
19750079757	System design handbook for advanced patrol aircraft	1973
19750079784	Possibilities for the application of the infrared testing method in electronics	1973
19750079788	The chemical deposition of cermets with Ni-P- and Ni-B-matrix	1973
19750079790	The relationship between relative retention time of programmed temperature gas chromatography, and relative retention time of isothermal gas chromatography	1973
19750079804	French engineer develops Privastick which achieves low temperatures	1973
19750079811	CONUS defense engagement simulation (BETA CADENS), users guide. Part 1: General outline of programs, required inputs, and data sets	1973
19750079815	Production assessment test report on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1973
19750079816	Production assessment test report, C3 PAT 2 transistor, field effect, on semiconductors, special types of, field effect, silicon, planar epitaxial	1973
19750079817	Production assessment test report, C3 PAT 2 transistor, field effect on semiconductors, special types of, field effect, silicon, planar epitaxial	1973
19750079825	Formation of finely divided silicon nitride by vapor phase reaction between silicon tetrachloride and ammonia	1973
19750079852	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1973
19750079854	Sprint 2 baseline analysis on reactor	1973
19750079855	Sprint 2 baseline analysis on reactor	1973
19750079858	Precise measurement of rocket engine performance differences	1973
19750079876	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750079877	Sprint 2 baseline analysis	1973
19750079887	Production assessment test report on capacitor, fixed, glass, hermetically sealed, lead mount, contractor hi-rel	1973
19750079890	HgCdTe detectors for multipurpose infrared system 2	1973
19750079894	Comparative study of the strength of fiber-glass-reinforced polyester sheets	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079911	Final tests and measurements on a T-100 teleprinter	1973
19750079963	The inspection of a thermal standard for use in the technical co-operation program	1973
19750079987	The prediction of boundary-layer behaviour and profile drag for infinite yawed wings. Part 3: A method of calculation	1973
19750079988	The prediction of boundary-layer behaviour and profile drag for infinite yawed wings. Part 2: Flow for a particular wing	1973
19750079989	The prediction of boundary-layer behaviour and profile drag for infinite yawed wings. Part 2: flow near a turbulent attachment line	1973
19750079994	Notes on a computer program of Garabedian and Korn for computing steady, inviscid two-dimensional transonic flows past an aerofoil	1973
19750079997	Assessment of the rebound characteristics of strops used by helicopters for carrying underslung loads	1973
19750080038	Station set requirements document. Volume 5: External tank receiving, checkout and storage	1973
19750080152	Ferrite plated wire memory underground test program	1973
19750080154	Qualification test report on TRA part 734 B9111-2	1973
19750080165	Relations between the structural parameters of basalt glasses	1973
19750080171	Lightweight RPV cost-weight trade-off study. Volume 3: Study supplement. (Formal industry responses to technology investigations)	1973
19750080176	Integrated circuit reliability and manufacturing science study	1973
19750080181	Semiconductor device transistor, NPN	1973
19750080182	Evaluation of the Metron marker pen for solder joints	1973
19750080183	Hermetic seal evaluation of a Motorola 995B IC, S/N 2E13052, test report	1973
19750080189	Qualification of operational amplifier L500 000 029	1973
19750080198	Fault tolerant plated wire memory for long duration space missions	1973
19750080201	New approaches to hard bubble suppression	1973
19750080204	The impact of space navigation on the spherical gas bearing gyro	1973
19750080206	Customer report, SRF 389H2	1973
19750080207	Qualification test report on TRA part 734 B9115-2, semiconductors, diode, multilayer, silicon, diffused glass	1973
19750080209	Addition power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080210	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080211	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080212	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080213	Environmental evaluation of Bulova on crystal, frequency control, quartz	1973
19750080248	In-flight investigation of B-1 flight control system	1973
19750080273	JP-8: A potential replacement for JP-4 jet fuel	1973
19750080292	Advanced V/STOL propeller technology. Volume 9: Advanced materials study	1973
19750080304	F-111D, DT and E evaluation of environmental control, airframe, flight control, and secondary power subsystems. Appendix 2	1973
19750080313	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080314	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080315	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080316	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080317	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080318	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080319	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080320	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.30 watt	1973
19750080321	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080322	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080323	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080324	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080325	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080326	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080327	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080328	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080329	Additional power conditioning test on resistor fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080330	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080331	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080332	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080337	Radar mapping beacon analysis	1973
19750080347	Evaluation of type 9328 dual 8 bit shift register	1973
19750080348	Microcircuit, linear, operational amplifier on microelectronic circuits, amplifier, hybrid circuits	1973
19750080349	Production assessment test report on semiconductor, special type of, matched silicon, planar, epitaxial	1973
19750080350	Production assessment test report on resistor, fixed, metal film, precision, molded .05.10 watt	1973
19750080354	Qualification test report, C3 destruct inverter, on power supply, electrical, rotating inverter, 0.3 KHZ, 100-1,000 watts, addendum	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080355	Production assessment test reports on microelectronic circuits amplifier, hybrid circuits, NOC flat pack	1973
19750080365	Distributed array tube	1973
19750080380	Production assessment test report on resistor, fixed, wirewound, NOC, molded, 1-2 watts	1973
19750080381	Production assessment test report on resistor, fixed, wirewound, precision, molded, .50-1 watt	1973
19750080399	Cold chamber trials of windproof smock and trousers with thermal liners against in-service cold weather clothing. Trial 1: Negative 32 deg C, minimal air movement	1973
19750080419	Production assessment test report on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1973
19750080421	Production assessment test report on resistor, fixed, metal film, precision, molded, .05-.10 watt	1973
19750080422	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19750080424	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial	1973
19750080425	Production assessment test report on transformers, audio frequency, enclosed, audio freq., NOC	1973
19750080426	Production assessment test report on capacitors, fixed, film, hermetically sealed, lead mount, contractor Hi-Rel	1973
19750080427	Production assessment test report on transformers, pulse NOC, enclosed, audio freq. NOC	1973
19750080457	The environmental conditions experienced by rockets and missiles in storage, transit, and operations	1973
19750080458	The environmental conditions experienced by rockets and missiles in storage, transit, and operations	1973
19750080465	FY73 applied optics research	1973
19750080513	Production assessment test report on capacitor, fixed, electrolytic, tantalum wet hermetically sealed, lead mount, contractor hi rel	1973
19750080518	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1973
19750080519	Production assessment test report on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1973
19750080520	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1973
19750080523	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1973
19750080524	Production assessment test report on semiconductors, special types of, matched, silicon, planar, epitaxial	1973
19750080530	Production assessment test report on capacitor, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount	1973
19750080535	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1973
19750080536	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1973
19750080538	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1973
19750080558	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1973
19750080559	Additional power conditioning test on resistor, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080560	Additional power conditioning test on resistors, fixed, tin oxide, precision, molded, .25-.50 watt	1973
19750080561	Sprint 2 baseline analysis on RF coil	1973
19750080562	Budapest International Fair, 1973	1973
19750080596	Flight test evaluation of the model AH-1J helicopter equipped with the 209-704-200 infrared suppression kit (U)	1973
19750080692	Surface terminal, plan and conceptual design (U)	1973
19750080810	Two programs for curve fitting using cubic splines	1973
19750080832	Ignition limits of IPN vapour/air bubbles in tubes of 25.5 mm diameter	1973
19750080835	Loads in the medium stressed platform during reefed main extraction airdrop	1973
19750080836	Comparative ejection trials 1972 using aeroconical and 124 parachutes	1973
19760008910	Measurement of the Planetary Albedo from Satellites	1973
19760011285	Heat Pipe Technology: A bibliography with abstracts	1973
19760065840	A Saturn launched soft X-ray astronomy experiments, volume 2	1973
19760065845	Feasibility study of a high temperature furnace for space applications	1973
19760065918	Digital computer monitoring study	1973
19760066088	D-region parameters at high latitudes obtained from rocket experiments	1973
19760066173	The Effects of Carbon Monoxide-Carbon Dioxide Mixtures on Operant Behavior in the Rat	1973
19760066176	Digital processing of imagery data abstract for the Fall Joint Computer Conference	1973
19760066187	HEAO engineering model recorder	1973
19760066508	Preliminary planning for implementation of modularized standardized subsystems	1973
19760066592	Annual progress review, JPL Science Office, 1 July 1972 - 30 June 1973	1973
19760066818	Observation of the forbidden 2 3S1 to 1 1S0 spontaneous emission line from helium and measurement of the transition rate	1973
19760066919	X-ray component	1973
19760066954	Acoustic propagation in ducts with varying cross sections	1973
19760066955	Effect of the acoustic boundary layer on the wave propagation in ducts	1973
19760067022	Skylab rate gyro processor anomaly report	1973
19760067023	Sleep laboratory and clinical studies of the effects of benzodiazepines on sleep: Flurazepam, diazepam, chlordiazepoxide, and RO 5-4200	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760067024	The effects of hypnotic drugs on performance	1973
19760067030	System effects on the reliability of solid propellant rocket motors	1973
19760067236	Forecasting the demand potential for STOL air transportation, appendix	1973
19760067254	Vibration and acoustic tests of the reconfigured Apollo service module adapted for Skylab missions	1973
19760067255	On the Development of Passenger Vibration Ride Acceptance Criteria	1973
19760067728	Plume simulation technology experimental program pretest analysis	1973
19760067729	Economic impact of applying advanced engine and airframe technologies to transport aircraft	1973
19760067769	Personal and group rapid transit systems and technologies: A selected bibliography	1973
19760067771	Hypersonic research engine project. Phase 2: Aerothermodynamic integration model development	1973
19760067772	Hypersonic research engine project. Phase 2: Aerothermodynamic integration model development	1973
19760067848	Application of remote sensing methodology to marine resource management: Shellfish sanitation	1973
19760068303	Spatial nucleation and crystal growth	1973
19760068448	Earth Resources Survey (ERS): Operational system study review copy	1973
19760068460	Environmental inventory and land use recommendations for Boulder County, Colorado	1973
19760068618	Hydrogen corrosion of graphite materials and graphite reactor components	1973
19760068662	An analysis of the Large Space Telescope (LST) application to solar system observations	1973
19760068665	M.I.T. flight transportation laboratory workshop on low/medium density air transportation: Supporting papers	1973
19760068856	Effects of lateral wall temperature gradients set up by a discontinuous convective cooling system on heat transfer distribution	1973
19760069170	Energy systems for spacecraft	1973
19760069685	Comments on the optical counterpart of the X-ray source 3U 0352 + 30	1973
19760070700	Development of a fail safe design oxidation resistant reinforced carbon system for the wing leading edge of a space shuttle vehicle. Volume 3: Appendix A, reports. Phase 3: Final report	1973
19760071356	The gravitational searchlight effect from synchrotron radiation in the Schwarzschild geometry	1973
19760071602	Space shuttle sortie lab payload requirements	1973
19760071637	Extreme ultraviolet spectra of highly stripped silicon ions	1973
19760072092	ERTS orbit accuracy calibration	1973
19760072093	Skylab experiment integration summary	1973
19760072095	Lidar measurements of stratospheric constituents	1973
19760072141	Technology application team program	1973
19760072158	Earth Observatory Satellite Payload Discussion Group (EOSPDG)	1973
19760072160	Development of simulation computer complex specification. Simulation software sizing report	1973
19760072168	Space shuttle guidance, navigation and control design equations. Volume 1: Status	1973
19760072169	Space shuttle guidance, navigation and control design equations	1973
19760072249	Connections of the Basal ganglia and of the cerebellum	1973
19760072558	Space laboratory: Cooperative program	1973
19760072563	A software system for secondary processing of Skylab M092 data	1973
19760072645	Study to design and develop remote manipulator system	1973
19760072662	Printed wiring board system user's manual	1973
19760072987	Development of a fail safe design oxidation resistant reinforced carbon system for the wing leading edge of a space shuttle vehicle. Volume 1: Executive summary	1973
19760072988	Development of a fail safe design oxidation resistant reinforced carbon system for the wing leading edge of a space shuttle vehicle. Volume 4, Appendix B: Structural and dynamic analyses	1973
19760073024	Skylab CSM RCS alternate PSM usage and hybrid deorbit	1973
19760073025	Structural analysis Skylab spacecraft SC 116, book 1 (section 1, 2 and 3)	1973
19760073026	Structural analysis Skylab spacecraft SC 116, book 3 (section 4, part 2)	1973
19760073028	Skylab mission evaluation study analysis report	1973
19760073029	Postflight report for CSM end item spacecraft 114 mass property data	1973
19760073034	Hardware evaluator docked Skylab malfunction procedure verification study	1973
19760073035	Skylab Hardware Evaluation SPS/SWS Deorbit Study Analysis Report	1973
19760073409	Development of a fail-safe design oxidation resistant reinforced carbon system for the wing leading edge of a space shuttle vehicle. Volume 2: Technical	1973
19760073410	Structural Analysis Skylab Spacecraft SC 116, Book 4 (Sections 5 and 6)	1973
19760073411	Special Report: A Graphics Software System for Use with the Computek 400120 CRT Terminal	1973
19760073524	Computer control for manned and automated space vehicles	1973
19760073527	Oil-film-parameter investigation	1973
19760073598	TEM data retrieval for computer electron micrograph processing	1973
19760073602	Southwest Research Institute assistance to NASA in biomedical areas of the technology utilization program	1973
19760073967	Structural analysis: Skylab spacecraft SC116, book 2 (section 4, part 1)	1973
19760073968	Space shuttle mass properties status report	1973
19760073969	Space shuttle mass properties status report	1973
19760074018	Design and fabricate one terminator kit assembly for advanced action manipulator system	1973
19760074387	Space shuttle mass properties status report	1973
19760074493	Split-brain cats prepared by radiosurgery	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760074744	Calculation of axisymmetric blunt body flow in a supersonic stream by means of the one-strip integral method: Initial program	1973
19760074745	Calculation of the flow around a blunt body of revolution with non zero angle of attack in a supersonic free stream by means of an improved equivalent body procedure	1973
19760074793	Flight test system for study of space shuttle vehicle guidance and navigation concepts	1973
19760074810	A study of electrostatic charging of ATS-5 during ion thruster operation	1973
19760074815	Proposal for a phase 1 study of satellite injection systems	1973
19760074821	Definition of a kickstage	1973
19760074841	Low-cost payload design concepts study. Volume 2: Mission requirements analysis and subsystem/spacecraft selection	1973
19760074842	Low-cost payload design concepts study. Volume 3: Design of refurbishable standard subsystems for shuttle automated spacecraft	1973
19760074843	Low-cost payload design concepts study. Volume 3, appendix 1, book 1: Design data and specifications for low-cost standard subsystems (LMSC engineering memos)	1973
19760074844	Low-cost payload design concepts study. Volume 3, appendix 1, book 2: Design data and specifications for low-cost standard subsystems (LMSC engineering memos)	1973
19760074845	Low-cost payload design concepts study. Volume 4: Risk acceptance and logistics approaches for shuttle automated payloads	1973
19760074846	Low-cost payload design concepts study. Volume 5: New methods for spacecraft design optimization and cost estimating	1973
19760074847	Low-cost payload design concepts study. Volume 5, appendix 1: CTR/CER handbook	1973
19760074848	Low-cost payload design concepts study. Volume 6: Effects of design technology on low-cost modularized shuttle payloads	1973
19760074853	Description of the F12 flight program for the ELDO inertial guidance system	1973
19760074888	LIMOS 1600 liquid propulsion module performance analysis	1973
19760074893	Design study for a modularized solar electric propulsion system (SEPOS)	1973
19760074894	Use of FLOX/methane propellant combination for a transfer stage related to Europa 3. Part 1, volume 1: Confirmation of propellant choice and optimization of propulsive parameters	1973
19760074895	Use of FLOX/methane propellant combination for a transfer stage related to Europa 3. Part 2, volume 2: Choice of techniques and technologies, propulsive structures study	1973
19760074897	Use of FLOX/methane propellant combination for a transfer stage related to Europa 3. Part 2, volume 4: Choice of techniques and technologies, study of propulsive system thermal balance	1973
19760074898	Use of FLOX/methane propellant combination for a transfer stage related to Europa 3. Part 2, volume 5: Choice of techniques and technologies, engine study	1973
19760074899	Use of FLOX/methane propellant combination for a transfer stage related to Europa 3. Part 3, volume 6: Industrial study of propulsive system	1973
19760074903	Trade-off between different possible engine concepts using LOX/LH2	1973
19760074905	Feasibility study of a solar electric propulsion module (SEPMO)	1973
19760074926	Tests on niobium and its alloys with the object of producing a thermal protection panel in W6 for the space shuttle	1973
19760074943	Reliability assessment of operational Intercommunications System (OIS-RF)	1973
19760074947	Reliability assessment of 60 Hertz power system	1973
19760074948	Static electricity	1973
19760075000	Calculations for the intermediate skirt for first stage L150: The 2.5 mm thickness stressed-skin structure	1973
19760075100	Europa 2: Thermo-structural data	1973
19760075117	Proposal on satellite injection systems, phase 1	1973
19760075152	Validation of the LOCAF mathematical models	1973
19760075192	H-1 engines H7080 and H7083 flight worthiness verification program	1973
19760075204	T.N. second computation of recirculation lines	1973
19760075207	Safety study of nuclear applications for space. Inactive reactor	1973
19760075217	Preliminary study of H-20 engine control system	1973
19760075218	Study of variations about design point	1973
19760075395	Hydrodynamics note No. 5. Liquid oxygen pump inducer study: Results of tests	1973
19760075403	Study of internal frames and fittings for the water tank in Europa 3 first stage structure	1973
19760075415	Feasibility tests of orange peel domes on 1.5 m scale models: Burst test at 300 K	1973
19760075463	Investigation into necessity of PLC wind procedure in Guyana	1973
19760075512	General operating requirements	1973
19760075575	Study on satellite injection systems (SATIS-study) annex A to proposal 150-73-11	1973
19760075579	Investigation of the Europa 2 third stage (F12) longitudinal vibration behavior: Pogo	1973
19760075652	Launch vehicles data sheets. Volume 1: General characteristics	1973
19760075653	Launch vehicles data sheets. Volume 2: Stages	1973
19760075654	Launch vehicles data sheets. Volume 3: Liquid propellant motors	1973
19760075666	ECTOPOS 1 upper stage (H2-O2) for Europa 3, volume 2: Technical study	1973
19760075696	Invitation of spinning of fourth stage plus Cos B satellite	1973
19760075697	Investigations for a postflight assessment method	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075699	Study on high frequency vibration on board Europa 1/2 launchers	1973
19760075705	Statistical analysis of vibration levels during pogo effect: ELDO Europa 1 and 2 flights	1973
19760075741	Europa 2 vehicle umbilical systems third stage helium umbilical connection. Simplified system of guidance: Tests and results	1973
19760075750	Europa 2 stage 4/satellite separation	1973
19760075756	Ballistic actuators for jettisoning ELDO heat shields	1973
19760075763	Europa 2 perigee stage: Influence of the spin rockets on stage balancing	1973
19760075801	General conclusions about the LIMOS concept (liquid propulsion module system)	1973
19760075898	Flow diagrams for LOCAF programmes	1973
19760075928	ECTOPOS, upper stage(LH2/LO2). Annex 1, volume 2: Propulsion system technical study	1973
19760075929	ECTOPOS, upper stage (LH2/LO2). Annex 1, volume 3: Propulsion system development plan	1973
19760075941	Analysis of electric system study of supplies for the measurement instrumentation. Electrical characteristics and weight analysis	1973
19760075942	Analysis of electric system. Conception and study for a communication method to check the measurement circuits	1973
19760075952	Effect of mixture ratio shifts on Europa 2 flight performance	1973
19760075960	Analysis and design of combustion system test turbodevice	1973
19760076064	Strains and loading constraints calculation	1973
19760076096	Radiocompatibility between operational Europa 2 launcher and customer's satellites	1973
19760076103	Study of the radiation diagram of the STAR-EC 2230M antenna mounted on a B17 aircraft	1973
19760076131	Aerodynamic heating of Coralie antenna fairings	1973
19760076180	Mathematical models data for natural modes and dynamic responses	1973
19760076281	Thermonuclear propulsion	1973
19760076340	Integrated checkout system ICS. Work proposal for preparatory phase 3: System concept	1973
19760076381	ELDO operational fourth stage procedure for the fabrication of cables, safety and flight plugs	1973
19760076382	Europa 2: Study of the fourth stage Symphonie satellite separation taking into account the longitudinal flexibility of the two assemblies	1973
19760076400	Matra separation test: Processing of the variables recorded during the tests carried out between the 11th December 1972 and the 10th January 1973 at Chalais-Meudon	1973
19760076401	Matra separation test. Test in zero gravity conditions of the P11 Matra Equipment bay: Assessment report	1973
19760076402	Matra separation test: Cine films of separation tests in zero gravity conditions of the P11 Matra equipment bay	1973
19760076455	RFI theoretical study on Europa 2 for F12 configuration	1973
19760076457	Inertial guidance for ELDO system testing at NLR. Part 3: Mathematical model appendix C for F12. Summary of input/output data for F12 flight program testing	1973
19760076533	Revised Concept study: Europa 3 second stage propellant mixture ratio control	1973
19760076541	Measurements on STAREC telemetry antennas for the third stage of the Europa 2 launch vehicle	1973
19760076572	HSD flight data package F6/2 and F9 vehicles (supplied for proving exercise on ONERA mathematical model for pogo investigation)	1973
19760076630	Safety of a nuclear space reactor	1973
19760076631	Safety of a nuclear space reactor: Reactor in working condition	1973
19760076650	Production assessment test report on transformer, power general purpose enclosed audio frequency. NOC	1973
19760076652	Production assessment test report on transformer, power, NOC, enclosed, audio frequency NOC	1973
19760076672	Short pulse switches for Airborne high power supplies	1973
19760076683	Systemization of the properties of cubic hard materials	1973
19760076692	Gigas-Zeiss digital control unit	1973
19760076721	Composite reinforcement of C-130 center wing box. Phase 2: Detailed design	1973
19760076724	Qualification status of Motorola on microelectronic circuit, diffused and deposited elements, plug-in	1973
19760076728	Production assessment test report on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1973
19760076729	Production assessment test report on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1973
19760076730	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial	1973
19760076732	Production assessment test report on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1973
19760076733	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1973
19760076734	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1973
19760076735	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1973
19760076736	The B-1 shielding effectiveness study. Volume 1	1973
19760076737	The B-1 shielding effectiveness study. Volume 2	1973
19760076745	Electronic ignition for the Tatra 2-603	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076746	Qualification of fixed, ceramic, feedthrough capacitors	1973
19760076771	A photographic technique for measuring temperatures	1973
19760076776	Production assessment test report on resistor, fixed, metal film, precision, molded, .05-.10 watt	1973
19760076779	Comparison of rectal, sublingual and urine temperatures during exposure to a range of cold chamber environments	1973
19760076786	Comparisons of Army, Air Force and Navy maintenance manhour per flying hour factor	1973
19760076796	Aircraft-to-sonobuoy data link (U)	1973
19760076855	Definitive aerodynamic research and development plan for advanced IOC 1983 tactical aircraft (U)	1973
19760076882	SADFRAD flight test results (U)	1973
19760076989	A review of selected elements of the FX73 programs on Test and Evaluation of Aircraft Survivability TEAS. Volume 1: Technical report (U)	1973
19760077314	Production assessment test report on filter, electrical, radio frequency, NOC low pass, fixed	1973
19760077315	Production assessment test report on coils, inductance fixed, audio frequency NOC. .25 - .50 watts, 109 - 240 volts	1973
19760077316	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19760077317	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1973
19760077328	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1973
19760077330	Human factors analysis of helicopter aircrew protection equipment crew tasks and operational hazards	1973
19760077331	Evaluation of the CATCC team trainer as a performance qualification instrument	1973
19760077338	Plastic dielectric fixed capacitor, capacitors, fixed, film, metalized, hermetically sealed, lead mount, MIL-general	1973
19760077362	Production assessment test report on resistor, fixed, metal film, precision, molded, .05-.10 watt	1973
19760077382	Qualification tests on diodes. Semiconductors, diode, voltage reference, silicon, diffused, metal	1973
19760077383	Qualification test on diodes. Semiconductors, diode, varactor, silicon, alloy, glass	1973
19760077402	Polyimide-fiberglass composites fireproof test	1973
19760077404	Qualification test on transistors, semiconductors, transistors, field effect, silicon, P-channel, planar, plastic enclosure	1973
19760077407	Production assessment test report on capacitors, fixed, ceramic, feed through, hermetically sealed, chassis mount, cont. hi rel.	1973
19760077435	Monolithic signal processor and detector array integration technology (MOSART) (U)	1973
19760077437	Monolithic signal processor and detector array integration technology (MOSART) (U)	1973
19760077438	Monolithic signal processor and detector array integration technology (MOSART) (U)	1973
19760077844	The multi-phase navigation program for the space shuttle orbiter	1973
19760077848	Bibliography on X-rays	1973
19760077856	Qualification status of amphenol on connector, electrical, mated pair, RF, straight round (NOC), environmental (NOC)	1973
19760077899	Method for the mono-bath processing of photographic materials which contain colored organic silver compounds as filter and/or antihalation dyes	1973
19760077900	Method for processing photographic multiple layer materials containing water-soluble and diffusion-resistant azosubstituted color couplers	1973
19760077931	Research of oily wastes: San Francisco area	1973
19760077988	Production assessment test report on semiconductor, special type of, matched silicon, planar, epitaxial	1973
19760077989	Production assessment test report on capacitor, fixed, film, metallized, hermetically sealed, lead mount, contractor hi rel	1973
19760077990	Production assessment test report on capacitors, fixed, film, hermetically sealed, lead mount, contractor hi-rel	1973
19760077992	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1973
19760077993	Production assessment test report on capacitor, fixed film, metallized non-metallic case, lead mount contractor hi rel	1973
19760077996	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1973
19760077997	Production assessment test report on capacitor, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount	1973
19760077998	Production assessment test report on capacitor, fixed film, hermetically sealed, lead mount, contractor hi rel	1973
19760077999	Production assessment test report on capacitor, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, contractor hi rel	1973
19760078002	Production assessment test report on capacitor, fixed film, hermetically sealed, lead mount, contractor hi-rel	1973
19760078003	Production assessment test report on capacitor, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, contractor hi-rel	1973
19760078004	Production assessment test report on capacitor, fixed, electrolytic, tantalum, wet hermetically sealed, lead mount, contractor hi-rel	1973
19760078014	Radiation design guides	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078018	Plastic dielectric fixed capacitors, capacitor, fixed, film, metalized, hermetically sealed, lead mount, MIL-general	1973
19760078029	Production assessment test report on filter, electrical, radio freq., NOC, low pass, fixed	1973
19760078030	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1973
19760078031	Production assessment test report on relay, 10 amp to less than 20 amp hermetically sealed, 1-30 VDC, latching DPDT	1973
19760078032	Production assessment test report on filter, electrical, radio freq., NOC, low pass, fixed	1973
19760078033	Correlation of ERTS-1 and aircraft optical data with water quality parameters of Charlotte Amalie Harbor, St. Thomas, V. I.	1973
19760078050	Stress concentration in a plate caused by the propagation of resilient stress waves	1973
19760078054	Preparations for lightweight hydraulic system hardware endurance testing	1973
19760078078	Drilling the space shuttle main engine metals	1973
19760078104	Contractor helicopter airframe research. Development, test and evaluation (less prototypes) cost estimating relationship	1973
19760078112	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19760078115	Production assessment test report on semiconductors, diode, general purpose, silicon, diffused	1973
19760078116	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19760078117	Production assessment test report on semiconductors, diode, rectifier, silicon, diffused glass	1973
19760078118	Production assessment test report on resistor, fixed, metal film, precision, molded, .05-.10 watt	1973
19760078119	Production assessment report on microelectronic circuits, gate, monolithic circuits, NOC flat pack	1973
19760078123	Production assessment test report on semiconductors, transistors, power, silicon, NPN, planar, metal can	1973
19760078136	Production assessment test report on relays, 1 to less than 5 amp, hermetically sealed, 1-30 VDC d'arsonval DPDT	1973
19760078153	Plastic dielectric fixed capacitor. Capacitors, fixed, film, metalized, hermetically sealed mount, MIL-general	1973
19760078154	Plastic dielectric fixed capacitor. Capacitors, fixed, film, metalized, hermetically sealed lead mount, MIL-general	1973
19760078163	Cost estimating relationships for field and depot maintenance parts costs of army turbine powered helicopters: Army stock fund parts, PEMA secondary parts	1973
19760078171	Thermal blanket grounding to aluminum faced honeycomb structures thermal vacuum test	1973
19760078175	Cost estimating relationships for high time and crash damage overhaul manhours for turbine powered Army helicopter	1973
19760078178	Radiation-hardened MOS technology	1973
19760078184	The calibration of bicycle ergometers	1973
19760078195	Preliminary investigation of the mechanical properties of rigid (brittle) phenolic foam	1973
19760078207	The role of quality assurance in advanced technology	1973
19760078209	Reliability engineering comparative evaluation tests. Capacitors fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, MIL.-EST. REL.	1973
19760078211	Thermal sensor, surface temperature reading (platinum resistance) (AGC-21367). Resistors, fixed, thermal, metal encased, less than .02 watt	1973
19760078217	Qualification test report on transistors. Transistor field effect N-channel 1.OUA 30 V	1973
19760078218	Qualification test report on transistors. Semiconductors, transistors, general purpose, silicon n-p-n, planar, plastic enclosure	1973
19760078219	Qualification test report on transistors. Semiconductors, transistors, general purpose, silicon PNP, planar, plastic enclosure	1973
19760078221	Qualification test report on transistors. Semiconductors, transistors, general purpose, silicon pnp, planar, plastic enclosure	1973
19760078235	Production assessment test report on capacitors, fixed, electrolytic, tantalum, wet hermetically sealed, lead mount, contractor hi-rel	1973
19760078249	Demand gas generator technology program (U)	1973
19760078316	AN/AWG-9/BPDSMS program (U)	1973
19760078401	Automatic high gain antenna system (U)	1973
19760078458	TACOS task 3 report (U)	1973
19760078868	Evaluation testing of Dale flat pack thick film resistors	1973
19760078882	Production assessment test report on resistors, fixed, carbon film, NOC, ceramic, .25 - .50 watts	1973
19760078883	Production assessment test reports on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1973
19760078884	Production assessment test report on resistors, fixed, metal film, precision, molded, .05-.10 watt	1973
19760078885	Production assessment test report on microelectric circuits, gate, monolithic circuits, NOC, flat pack	1973
19760078919	Production assessment test of torque motor, tachometer dc, frameless	1973
19760078994	Airborne spread spectrum assessment study (U)	1973
19760078996	The advisory group on electron devices (U)	1973
19760079031	RAM for film and transpiration cooled material, part 3 (U)	1973
19760079179	Radar augmentation for HAST. Volume 2: Performance compatibility analysis (U)	1973
19760079180	Laser cutting assisted by material degradation agents (U)	1973
19760079226	Missile detector development (U)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079286	Qualification test report on integrated circuits: Microelectronic circuits, amplifier, monolithic circuits, (NOC), metal can	1973
19760079295	Production assessment test report on semiconductors, diode, voltage reference, silicon, diffused, glass	1973
19760079303	Qualification test report on transistors. Semiconductors, transistors, general purpose silicon PNP, planar, plastic enclosure	1973
19760079314	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1973
19760079337	Radio interference filter. Filters, electrical, radio frequency, NOC, fixed	1973
19760079339	Thermal shock test. Resistors, variable, cermet, multiturn, thread drive, linear, 25-.50 watt	1973
19760079374	Tolerance analysis of mechanized printed circuit assemblies	1973
19760079397	Air Force flight evaluation (systems) of the A-10A prototype aircraft	1973
19760079398	Air Force flight evaluation (systems) of the A-10A prototype aircraft. Appendix 5: Weapon delivery	1973
19760079408	Production assessment of 2621535 resistors: Resistors, fixed, wirewound, precision, molded, .05-.10 watt	1973
19760079410	Diodes, silicon, general specification for semiconductors, diode, silicon	1973
19760079415	Qualification test on transistors: Semiconductors, transistors, general purpose, silicon, n-p-n, metal can	1973
19760079419	Qualification test on transistors: Semiconductors, transistors, power, silicon, PNP, metal can	1973
19760079440	Qualification testing of shallcross resistors (WS6120). Resistors, fixed, wirewound, precision, molded, .05-.10 watt	1973
19760079441	HH-1N helicopter category 2 follow-on rescue moist test	1973
19760079442	Category 2 performance and flying qualities evaluation of the HH-1H helicopter	1973
19760079465	Production assessment test of 2621482 capacitors	1973
19760079466	Production assessment test for drawing 2621482 on capacitors, fixed hermetically sealed, lead mount, MIL-general	1973
19760079467	Production assessment tests of Bendix LJT connector	1973
19760079468	Production assessment test report multipole double-throw relay	1973
19760079469	Qualification test on MK 88 F/C phase 3E rotary switches	1973
19760079473	Investigation of environmental stresses on resistors with cracked cores. Resistor, fixed, metal film, precision, molded .05-.10 watt	1973
19760079474	Production assessment test of torque motor, tachometer, dc, frameless	1973
19760079489	HH-1H helicopter category 2 climatic laboratory test	1973
19760079492	First Air Force preliminary evaluation of the F-5E international fighter aircraft	1973
19760079527	FB-111A category 2 performance evaluation, volume 1	1973
19760079528	FB-111A category 2 performance evaluation, volume 2	1973
19760079560	The atomics international molten salt process for the recovery of silver from photographic film	1973
19760079561	Advanced development on vulnerability/survivability of advanced composite structures	1973
19760079585	Methodology study of internal air and component temperatures of tanks, M60 and M551	1973
19760079590	Air Force flight evaluation (systems) of the A-9A prototype aircraft	1973
19760079592	A-9A prototype performance and flying qualities evaluation	1973
19760079593	A-7D pitot-static system calibration and AIMS system tests	1973
19760079594	USAF evaluation of the T-43A undergraduate navigator training system, DT and E phase	1973
19760079603	Report of test on MSI thick film chip resistors	1973
19760079605	Heat sink, electrical: Electronic component	1973
19760079606	Connector, receptacle, electrical	1973
19760079607	Semiconductor device diode	1973
19760079608	Connectors, RF. SMA.	1973
19760079643	Statistics of fluctuations in measures of sound propagated in shallow water	1973
19760079720	Effects of terrain on the propagation of microseismic waves and implantation characteristics of air-delivered sensors at Fort Huachuca, Arizona wet- and dry-season conditions	1973
19760079734	Laboratory method for studying stemming of line-of-sight tunnels in underground nuclear tests	1973
19760079802	USAF standard code generator/code control panel for laser guided weapons (U)	1973
19760079980	Spacecraft heating and temperatures (SPACEHAT) computer program P5715	1973
19760079999	Calculation of the elastic buckling loads of thin flat reinforced plates using triangular finite elements	1973
19760080023	FB-111A category 2 flying qualities tests	1973
19760080072	Royal Australian Air Force BEFAB 56:2 arresting system tests	1973
19760080260	Whisker growth from tin plated electronic piece part surfaces	1973
19760080263	Motor, alternating current, synchronous, gearhead	1973
19760080277	Ammunition effect on aircraft residual strength of bombarded tail assemblies of the Breguet-Atlantic and the wings of the F-86. Part 2: Results of the tests	1973
19760080301	Investigation of ballistic-damage-tolerant fuel tanks	1973
19760080310	Radiation hardened bipolar high voltage power transistors	1973
19760080311	Airblast overpressure versus time histories (nuclear and TNT surface bursts)	1973
19760080353	Proceedings of the DNA 1973 Atmospheric effects symposium. Volume 10: Master index	1973
19760080357	Organization and assignment of MATCUS in the period 1973-1982 study	1973
19760080602	Detection capability of differential radiographic absorption through the use of digitalized fluoroscopic images	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080603	Chlorination studies. 3: Diamagnetic NMR spectral shifts of 4-N-chloroderivatives of cytosine, cytidine, 2'-deoxycytidine and 5'-cytidylic acid	1973
19760080605	A polar cap on Europa	1973
19760080611	Delayed matching of serial position sequences by monkeys: Studies of acquisition	1973
19760080628	Photoionization of magnesium and copper phthalocyanine in oxygen and hydrogen	1973
19760080631	US Army aviation R and D technical reports published in 1972	1973
19760080638	Studies of exothermic compounds (U)	1973
19760080655	Investigation of a micro-fighter/airborne aircraft carrier concept, volume 2 (U)	1973
19760080660	Thermally unstable polymers (U)	1973
19760080668	Ablator-Insulated Ramjet Study (AIRS) (U)	1973
19760080671	PCDE propellant studies (U)	1973
19760080672	Development of HTPB propellant for ballistic missiles (U)	1973
19760080673	Weight status B-1 (U)	1973
19760080683	Numerical methods in gas dynamics	1973
19760080686	Analysis of the performance of IR detectors under radiation environment	1973
19760080710	Development and fabrication of a space hardened Nd +3 YAG laser transmitter system for orbital range and altitude control	1973
19760080771	Hydrofoil Universal Digital Autopilot (HUDAP)	1973
19760080793	Integrated circuit, generator, look-ahead carry	1973
19760080809	Manufacturing process for UltraFine Ammonium Perchlorate (UFAP)	1973
19760080812	Fusion welding of aluminum alloys for PHM hydrofoil	1973
19760080824	Relays, electromagnetic, latching, 2 pole, double throw, 10 amp (908319)	1973
19760080826	Motor, alternating current, synchronous	1973
19760080830	Transformers, power, isolation (908461). Transformers, power, isolation, enclosed, 30-300 kHz	1973
19760080832	Failure report, separation nut, supplement	1973
19760080843	Reflection and crosstalk in a wire-wrapped backplane system utilizing Schottky clamped logic	1973
19760080862	An investigation to determine effective equipment environmental acceptance test methods	1973
19760080863	Integrated circuit, latch, digital, TTL, 8-bit addressable, monolithic silicon	1973
19760080864	Connector, plug, electrical	1973
19760080869	Transistors, PNP, silicon, high-frequency, RF amplifier (928836)	1973
19760080870	Voltage controlled multivibrator (932398)	1973
19760080871	Transformer: Precision ratio (PCS38480)	1973
19760080873	Voltage comparator (932216)	1973
19760080900	Fault diagnosis in diesel injection systems	1973
19760080914	Incipient failure detection in large scale integrated circuits	1973
19760081004	Phased array analysis	1973
19760081014	Coding for Frequency-Shift-Keyed (FSK) communication system	1973
19760081044	Separation characteristics of several external stores from the F-15 aircraft at Mach numbers from 0.43 to 1.3	1973
19760081066	B-57 limited performance and minimum control speed evaluation with J65-W-5F engine and AIMS pitot-static system	1973
19760081072	Short pulse switches for Airborne high power supplies	1973
19760081145	Proposal for a new method for measuring variations in ground pressure by means of radio waves	1973
19760081249	Inverse Bremsstrahlung by protons on hydrogen gas	1973
19760081345	Procedure for preparation of failure mode, effect, and criticality analysis, AWACS	1973
19760081382	Determining the performance envelopes of short range missiles	1973
19760081418	Development of welding techniques for extruded attachment rings	1973
19760081442	Stress analysis of loaded rolling aircraft tires. Volume 2: Computer program	1973
19760081455	F-5E/standard BAK-12 arresting system compatibility tests	1973
19760081469	Exhaust plume analysis 12-inch orbital boost motor	1973
19760081470	Nondestructive evaluation of regeneratively cooled thrust chambers for rocket engines	1973
19760081474	Squib/igniter test report (MPO 713) radial burning pulse motor for air launched missiles	1973
19760081497	Cost estimating relationship for prototype helicopter airframes	1973
19760081498	Contractor nonrecurring helicopter airframe tooling investment cost estimating relationship	1973
19760081514	Ten-year surveillance program	1973
19760081520	The development of field-expedient helicopter decoys	1973
19760081521	The development and fabrication of glare and headlight covers	1973
19760081556	AED user's guide: CDC 6000 edition	1973
19760081738	ALPHA: An interactive language for the ALPHA 16 computer	1973
19760081758	Space vehicle engine and heat shield environment review. Volume 2: Engineering data	1973
19760081809	Reflection of a thick planar shock wave from a coplanar surface	1973
19760081811	Basic principles of material selection in fracture-critical applications	1973
19760081851	The lunar laser ranging experiment	1973
19760081859	On the flux and spectra of interstellar ions in the solar system	1973
19760081861	Wave propagation in laminated orthotropic circular cylindrical shells	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081866	Fracture analysis of compact and notch-bend specimens	1973
19760081885	The shearing flows of the BKZ fluid	1973
19760081964	Ammunition effect on aircraft residual strength of bombarded control surfaces of the Breguet-Atlantic and the lifting surfaces of the F-86E. Part 1: Damage	1973
19760081965	Ammunition effect on aircraft, residual strength of bombarded control surfaces of the Breguet-Atlantic and the lifting surfaces of the F-86E. Part 3: Photographs	1973
19760082017	Simulation for the assessment of tactical nuclear weapons (SATAN 3 program maintenance manual MM 202-75)	1973
19760082109	Construction of a mathematical functional model with which it is possible to describe the effects of bombardment damage on the aerodynamic and flight mechanics of an aircraft	1973
19760082177	Investigate a method of removing bonded ceramic to metal IC's	1973
19760082178	A method for removing bonded 2 by 2 ceramic substrates from magnesium circuit board	1973
19760082179	A method for removing bonded capacitors from epoxy-glass circuit board	1973
19760082248	Use of FORTRAN for real time computation on a basic programmed tester	1973
19760082440	F-111A pre-SCANA flight tests	1973
19760082452	Conductive mix electric detonators, P/N 11005101 revision D (Du Pont), P/N 11005840 revision E (Canadian Arsenal)	1973
19760082512	Fluidic roll rate damping system	1973
19760082516	Improvement and modification to tiger code	1973
19760082531	Requirements for procurement, evaluation and qualification of electric, electromechanical and electronic parts	1973
19760082532	Inspection systems provisions, general technical data, program plans and methodology for reliability and QA of parts	1973
19760082543	Destruction by wet oxidation of double base solid propellants trinitrotoluene nitrate esters photographic film and shipboard waste	1973
19760082775	UHF VCO	1973
19760082924	Quality standing instruction: Quality information system	1973
19760082962	SRAM resistors contaminated with styrofoam	1973
19760082963	Green discoloration near solder joints on sins platform support	1973
19760082964	An investigation of solvent leaching in stored polyethylene bottles	1973
19760082981	Quality standing instruction: Quality appraisal documentation system codes	1973
19760082982	Quality standing instruction Product Assurance Discrepancy Report (PADR)	1973
19760082995	Some considerations on how to more effectively manage the production function in a major system program office	1973
19760083188	Separation of radome skin on F-111	1973
19760083206	Structural bonding of epoxy glass laminate to stainless steel and beryllium at cryogenic temperatures	1973
19760083256	Method for removing components from an epoxy coated board	1973
19760083257	Time-domain computer models of thin-wire antennas and scatters	1973
19760083277	An integral-equation solution for TE radiation and scattering from conducting cylinders	1973
19760083344	Mk 71 Mod 1 Zuni rocket (U)	1973
19760083371	Lance missile system electromagnetic compatibility analysis (U)	1973
19760083621	US Army trans-hydro craft study 1975 - 1985 (TRANS-HYDRO). Main report, appendix A through I	1973
19760083624	US Army trans-hydro craft study 1975-1985 (TRANS-HYDRO), appendix M through S	1973
19760083625	US Army trans-hydro craft study 1975 - 1985 (trans-hydro), Executive summary	1973
19760083634	Standard aircraft maintenance space criteria for CVA and CV aircraft carriers	1973
19760083964	A-7C/E strafing accuracy	1973
19760083965	A-6A Pave Knife system (U)	1973
19760083966	A-6E weapon system (U)	1973
19760083967	A-4, A-6, A-7, and F-4 Laser Guided Bomb (LGB) delivery tactics (U)	1973
19760083984	Results of the at-sea tests of the experimental TACTLASS system (U)	1973
19760084078	Critical areas in site defense radar signal processing. Volume 2: Appendices (U)	1973
19760084080	Critical areas in site defense radar signal processing. Volume 1: Technical (U)	1973
19760084084	Site defense bulk filter design task. Volume 2: Appendixes A through I, and L (U)	1973
19760084091	Sting and jet interference effects on longitudinal aerodynamic characteristics of a twin-jet, variable-wing-sweep fighter model at Mach numbers to 2.2	1973
19760084093	An investigation of the landing and take-off characteristics of a proposed arrow-wing transport airplane configuration	1973
19760084094	Energy/enviromental factors in transportation 1975-1990. Volume 2: Environmental considerations in future energy growth	1973
19760084095	Solar energy: The alternate option. Geothermal energy: The neglected option	1973
19760084104	Environmental considerations in future energy growth. Energy related environmental research agenda (1975-2000)	1973
19760084183	Effects of environment on microseismic wave propagation characteristics in support of SID testing at Fort Bragg, N. C. Report 1: Dry-season conditions	1973
19760084195	Fracture control of solid rocket motors	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084229	Thermally unstable polymers	1973
19760084230	The 77 deg Kelvin rotary-reciprocating cryogenic cooler evaluation program	1973
19760084260	The function of a federal testing laboratory in the testing of personal protective safety devices	1973
19760084351	Site defense bulk filter design task, volume 2 (U)	1973
19760084543	Report of test on Doppler radar, AN/APN-185, EMIC evaluation	1973
19760084578	Initial results from the radar portion of the 1972 OWEX tower experiment (U)	1973
19760084611	Characteristics and description book. Volume 1: Tactical system (U)	1973
19760084612	Characteristics and description book. Volume 2: Prototype demonstration phase (U)	1973
19760084687	Lidar measurements of the variability of stratospheric particulates	1973
19760084689	The technical contents of President Nixon's energy message	1973
19760084792	Some preliminary conclusions of the ARPA collateral-damage studies	1973
19760084836	GACO-N-15 primer test	1973
19760084905	Applications Conference, CCD Proceedings	1973
19760085000	Detection designation, and discrimination support (U)	1973
19760085110	Studies of the impact of advanced technologies applied to supersonic transport aircraft. First year summary report, volume 1	1973
19760085113	Studies of the impact of advanced technologies applied to supersonic transport aircraft. Volume 1: Summary	1973
19760085114	Studies of the impact of advanced technologies applied to supersonic transport aircraft. Volume 2: Technology assessment	1973
19760085116	Studies of the impact of advanced technologies applied to supersonic transport air craft. First year summary report, volume 2	1973
19760085117	Studies of the impact of advanced technologies applied to supersonic transport aircraft. First year summary report, volume 3	1973
19760085118	Studies of the impact of advanced techologies applied to supersonic transport aircraft. First year summary report, volume 4	1973
19760085161	Calculations for lateral buckling under uniform external pressure comparison between 1/8 in. and 7/16 in. wall thickness	1973
19760085206	Qualification test report destruct firing unit	1973
19760085300	Ten-year surveillance program	1973
19760085304	Semiconductor-insulator surface studies in Ge and GaSb	1973
19760085341	Mealing of conformal coating on printed wiring boards after humidity environment	1973
19760085447	Topogeodetic surveying in an arbitrary (local) coordinate system	1973
19760085507	Studies of the impact of advanced technologies applied to supersonic transport aircraft, volume 1	1973
19760085508	Market analysis, Volume 2	1973
19760085740	Investigation of techniques to reduce bearing uncertainty (U)	1973
19760085742	Analysis of analog processing phase coherence (U)	1973
19760085743	A mechanical array structure for Expendable Reliable Acoustic Path Sonar (ERAPS) (U)	1973
19760085744	Survey of sonobuoy battery technology (U)	1973
19760085745	Analysis of data quantization (U)	1973
19760086020	An analysis of the aerodynamic landing and takeoff performance of the F-4B aircraft equipped with a close-coupled, double-delta canard at low subsonic speeds	1973
19760086248	Semiconductor device, diode on semiconductor, diode, voltage reference, silicon, diffused metal	1973
19760086297	Title is classified	1973
19760086379	Velocity distribution and wall shear stress in a full-scale boundary layer injected with polymer solution (U)	1973
19760086672	Monthly bulletin: Canadian upper air data, December 1975	1973
19760086802	Additions to the Rohm and Haas AMG series finite element stress analysis computer programs	1973
19760086809	Marine Aviation Requirements (1975-1984) Study (MARS) (U)	1973
19760086838	Marine Aviation Requirements (1975-1984) Study (MARS) (U)	1973
19760086871	Filter x-ray thermometry of the continuum radiation of a seeded thermonuclear plasm, and a comparative discussion with respect to spectral thermometry	1973
19760086944	Evaluation/qualification ITT cannon RFI filter connectors test report, connectors, electrical, receptacle only, low voltage and low signal, removable non solder type, miniature round, quick disconnect	1973
19760087013	High temperature airframe materials: External insulation materials	1973
19760087014	Evaluation of 10Ni-2Cr-1Mo-8Co steel plate and weldments	1973
19760087227	Failure analysis report on resistor, variable, subminiature	1973
19760087278	Operating regimes of controlled thermonuclear reactors and stability against fundamental mode excursions in particle densities and temperatures	1973
19760087286	Plasma transport in Tokamak reactors	1973
19770003170	Multiple in-line docking capability for rotating space stations	1973
19770068804	ASTP corrosion control plan	1973
19770069302	Multivariate normal integration	1973
19770069351	Mineral chemistry of peridotite xenoliths from the Lashaine volcano, Tanzania	1973
19770069623	Humic matter in the bitumen of ancient sediments: Variations through geologic time. A new approach to the study of pre-Paleozoic (Precambrian) life	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770069910	The Igwisi Hills extrusive kimberlites	1973
19770069933	Altering the proportion of components in a mixed fixed-ratio schedule	1973
19770070045	Minor and trace elements in augite, hornblende, and pyrope megacrysts from Kakanui, New Zealand	1973
19770070874	Composite-overlay reinforcement of cutouts and cracks in metal sheet	1973
19770071968	A study of multispectral sensing using color-encoding techniques	1973
19770071969	Development of an automatic computer system for measuring cloud motion vectors	1973
19770073448	User's guide to Skylark GN&CS major modes and routines	1973
19770073661	An evaluation of the usefulness of remote sensing techniques in making environmental quality determinations	1973
19770073915	A cost and reliability model of partitioned digital systems	1973
19770074263	Skylab: Illustrated chronology, 1962-1973	1973
19770074397	Laser ranging retro-reflector experiment	1973
19770075071	Mars: A strategy for exploration	1973
19770075086	Kinematic and radiometric studies from satellite data	1973
19770075108	Electronic structure and spectra of organic compounds	1973
19770075725	Space shuttle SRB baseline review	1973
19770075845	Dynamics of a flexible bulkhead and contained fluid	1973
19770075896	Sky Lab missions SL/1, 2, 3, 4 processing control plan	1973
19770076356	Mariner 10 post launch report no. 1 (status as of 6 November 1973)	1973
19770076951	Vibrational spectra and structure of tetrakis (trifluoromethyl) diarsine in the crystalline and fluid states	1973
19770077050	Astronomy and Astrophysics for the 1970's. Volume 2: Reports of the Panels	1973
19770079075	A study of a diverse coastal ecosystem on the Atlantic coast of Florida	1973
19770079425	Computer program manual, cryogenic tank external loop pressurization analysis	1973
19770079916	Hypergolic propellants liquid and vapor disposal, phase 1	1973
19770081822	Joint DOT-NASA Civil Aviation R and D policy (card) implementation plan	1973
19770082207	Dynamics control strategies for the anaerobic digester	1973
19770083425	Advanced supersonic transport system study. First year summary oral	1973
19770083600	Satellite detection of downed aircraft radio Emergency Locator Transmitter (ELT) beacon signals. Part 1: Technical	1973
19770084439	Long-term projections of the US telecommunications services	1973
19770084475	Photographic plan, all skylab missions	1973
19770085625	Space battery reliability assessment	1973
19770085667	Compatibility check of polyethylene droppers with corrosion inhibiting fluid	1973
19770085912	RAAF anthropometry survey	1973
19770086007	Applications of ultrasonic frequency spectra on non-destructive evaluation of multi-layer adhesive bonded structures	1973
19770086008	Computer automation of ultrasonic testing	1973
19770086025	The 1973 Symposium on Finite-Amplitude Wave Effects in Fluids (5th): Programme and Summaries	1973
19770086041	Operating time, cycles/trails recording and reporting procedure - AWACS	1973
19770086194	Quasi-stationary acceleration of plasma in a coaxial injector with noncylindrical electrodes and duppled from an inductive energy storage device	1973
19770086260	Improved Cobra armament system (Cobra/TOW AH-1Q) operational test 2. Appendix Q. Reliability, Availability, Maintainability (RAM)	1973
19770086261	Improved Cobra armament system (Cobra/TOW AH-1Q) operational test 2. Appendix G. Event synopses	1973
19770086262	Improved Cobra armament system (Cobra/TOW AH-1Q) operational test 2	1973
19770086272	Wear properties of selected graphite composites	1973
19770086288	Effect of sputter etching on surface character of G7B spin bearings	1973
19770086358	Semiconductor device, diode-PIN, radiation sensor	1973
19770086365	Microcircuit, digital, TTL, dual differential line driver, monolithic silicon	1973
19770086370	Resistor, variable, wirebound, 0.5 watt	1973
19770086392	Analysis of animal sensory systems with special reference to the aquatic environment	1973
19770086432	Advanced composite panel optimization	1973
19770086433	Advanced fabrication and evaluation techniques for titanium alloys	1973
19770086439	Combined compression-torsion buckling tests of laminated composite cylindrical shells	1973
19770086489	Semiconductor device, transistor NPN, silicon, high power	1973
19770086490	Semiconductor device, transistor	1973
19770086491	Transistor, (special)	1973
19770086492	Transistor (special)	1973
19770086493	Capacitor, variable, glass dielectric tubular	1973
19770086494	Capacitor variable, glass dielectrictubular (trimmer)	1973
19770086495	Capacitor, variable, (glass dielectric)	1973
19770086496	Relay, crystal can	1973
19770086497	Capacitor, fixed, ceramic dielectric	1973
19770086498	Capacitor, fixed, mica dielectric	1973
19770086499	Capacitor, fixed, mica dielectric	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086500	Semiconductor, transistor, general purpose transistor, silicon, NPN	1973
19770086668	Digital image enhancement techniques used in some ERTS application problems	1973
19770086791	Capacitor, fixed, mica, dielectric	1973
19770086792	Resistor, thermal, 492 ohms at 25 C	1973
19770086793	Capacitor, fixed, tantalum dielectric	1973
19770086798	Microcircuits, digital, TTL, flip-flops, monolithic silicon	1973
19770086804	Microcircuits, digital, TTL, decoder/demultiplexer, monolithic silicon	1973
19770086805	Integrated circuit, operational amplifier. Compensated	1973
19770086922	Cellular concrete studies, project Camphor. Report 2: Field construction	1973
19770086947	The mechanical, stress corrosion, fracture mechanics, and fatigue properties of 7050, 7475, and Ti-8Mo-8V-2FeAl plate and sheet alloys	1973
19770086956	Choke, RF (molded)	1973
19770087049	Capacitor, fixed, ceramic dielectric (disc type)	1973
19770087050	Transistors, general purpose transistor, germanium, PNP	1973
19770087093	Improved cobal armament system (Cobra/TOW AH-1Q) operational test 2. Appendix M: Hit probability and missile impact data (U)	1973
19770087199	Limited cavitation and the related scale effects problem	1973
19770087222	Biogrowth processing in space	1973
19770087226	Capacitor, fixed, ceramic dielectric, disc type	1973
19770087236	Pass helicopter test report	1973
19770087283	Microcircuit, digital, TTL, low power, selector/multiplexer, monolithic silicon	1973
19770087284	Microcircuit, digital, TTL, low power, selector/storage register, monolithic silicon	1973
19770087285	Microcircuit, digital, TTL, line receivers, monolithic silicon	1973
19770087311	Qualification test procedure proximity switch and adapter well	1973
19770087342	Integrated circuit, arithmetic logic unit-function generator	1973
19770087343	Integrated circuit, line receiver, dual-linear, monolithic silicon	1973
19770087392	Evaluation of Honeywell vortex rate sensor for use in M60A1 add-on rate stabilization system	1973
19770087483	Semiconductor device leads containing poor solderability	1973
19770087491	Resistor, variable, wirewound	1973
19770087507	VHF EMC analysis for user communications requirements study	1973
19770087554	Terminal guidance for naval projectiles	1973
19770087590	Washer, lock	1973
19770087623	Switch, light	1973
19770087666	Qualification test report for M9504 high level TWTA	1973
19770087678	A 1980 technology study	1973
19770087720	Qualification test report of M9320 traveling wave tube amplifier	1973
19770087721	Corrosion of electrical contacts	1973
19770087728	Qualification test report for a ferrite R.F. switch assembly	1973
19770087735	Terminal, stud	1973
19770087744	Capacitor, variable, (glass dielectric)	1973
19770088148	Verification test of Leach Corporation relay JL-D2A	1973
19770088161	Preproduction test report - M-2790 ITT Avionics subcontract SK 46182	1973
19770088163	Qualification test report - Low noise traveling-wave amplifier with high reliability power supply (A26/2409M)	1973
19770088165	Transformer, pulse	1973
19770088392	BDM SHORAD study group support. Volume 1, part 2: Arm analysis (U)	1973
19770088549	Production assessment test report on transformers, pulse, NOC, enclosed, 30-300 KHz	1973
19770088558	Pressurized detergent exposure on resistors, fixed, wirewound, precision molded, .05-.10 watt	1973
19770088559	Connector, receptacle, electrical	1973
19770088661	Bump protection evaluation of the standard T56-6 and prototype DH-132 combat vehicle crewman's helmet	1973
19770088820	Functional tests with aircraft components which have been bombarded with fragments	1973
19770088915	Title is classified	1973
19770088924	Mass property characteristics report	1973
19770088999	US Army trans-hydro craft study 1975-1985 (trans-hydro). Appendix J: Supply data	1973
19770089000	US Army trans-hydro craft study 1975-1985 (trans-hydro). Appendix K: Cost data	1973
19770089001	Hydrodynamics and simulation in the Canadian hydrofoil program	1973
19770089087	System reliability guideline using standard hardware program MSI/LSI modules	1973
19770089120	Varian Associates preproduction test report for traveling wave tube amplifier VTR-4600P4	1973
19770089123	Design and develop 40 mm second generation wafer image intensifier tubes	1973
19770089279	Stability of systems with nonlinear feedback through randomly time-varying delays	1973
19770089496	Survivable flight control system. Supplement 1: Supplement for survivability analysis (U)	1973
19770089519	Nike Tomahawk flight 18.71	1973
19770089570	A range test of the Martin Marietta Corporation's concept of a Cannon Launched Guided Projectile (CLGP for a 155mm cannon	1973
19770089667	Image statistics with the DDSP log processor	1973
19770090039	Mariner Venus/Mercury 1973 (Mariner J)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090095	Technical proposal for development of high temperature addition cured adhesives	1973
19770090096	Development of high temperature laminating resins and adhesives which cure through addition; Part 2: Summary report	1973
19770090233	Qualification test report (ST5M1321-001) on switches, electrical, limit, proximity, NOC, SPST (NO)	1973
19770090296	Summary of component radiation tests performed during fiscal year 1973, volume 2	1973
19770090385	Advanced supersonic technology integrated variable cycle propulsion system performance analysis	1973
19770090518	Bulletin of the 3rd JANNAF Propellant Characterization Meeting	1973
19770090519	Gas chromatographic analysis of propellant off-gas	1973
19770090520	Micropreparative techniques in high performance liquid chromatography	1973
19770090521	Rapid gas chromatographic determination of 2-hydroxybenzoic and 2,4-dihydroxybenzoic acids in copper and lead compounds	1973
19770090523	UFAP particle growth characteristics	1973
19770090524	Development of an M-S-A test standard in the sub-micron range	1973
19770090525	Reproducibility of solid strand burn rate determination: Titan propellant	1973
19770090714	Capacitor, fixed	1973
19770090716	Capacitors, fixed, ceramic, T.C., dipped	1973
19770090773	Fundamentals of turbomachinery	1973
19770090779	A parametric analysis of the marine gas-turbine engine	1973
19770090788	Loads analyses for the Saturn V dry workshop vehicle	1973
19770090789	Skylab cluster orbital loads	1973
19770090993	A compilation of fatigue information for aluminum alloys	1973
19770091012	Lightweight fuel delivery system	1973
19770091053	Certification of qualification by test-relay-armature-DPDT, 15 ampere, latching	1973
19770091161	E-2C Hawkeye demonstration, revised (U)	1973
19770091168	Demonstration data report for the F-14 aircraft (U)	1973
19770091175	Demonstration data report for the F-14 aircraft (U)	1973
19770091177	Demonstration data report for the F-14 aircraft (U)	1973
19770091183	Aerodynamic demonstration performance, book 2 (U)	1973
19770091184	Demonstration data report for the F-14 aircraft, book 1 (U)	1973
19770091185	Guns (gun functional), book 2 (U)	1973
19770091186	Demonstration data report for the F-14 aircraft, book 1 (U)	1973
19770091187	Demonstration data report for the F-14 aircraft (U)	1973
19770091233	Propulsion demonstration, section 4, book 3 (U)	1973
19770091410	Surface sealing and barrier coatings magnesium	1973
19770091439	Metallurgical investigation of cracks in a fan blade and a disk from the second stage of the compressor of TF30-P8 engines	1973
19770091446	Metallurgical investigation of the failure of a harness bracket assembly (P/N 283273-1 L/H)	1973
19770091507	E-2C-Hawkeye demonstration, revised (U)	1973
19770091508	F-14A ALQ-100 antenna pattern demonstration data report, book 4 (U)	1973
19770091509	Appendix G: Midband antenna pattern data, book 5 (U)	1973
19770091583	Attachment procedures and testing for the Boeing high temperature capacitive strain gage	1973
19770091617	Electron fractographic analysis of A-6A buno 152604 wing failure	1973
19770091791	AABNCP wing wire model experiments	1973
19770091843	VAST WRA compatibility report. Documentation	1973
19770092070	Simulation of system-generated EMP study, volume 1	1973
19770092079	Computer model of an HF wing tip probe antenna on a 747 aircraft	1973
19770092081	Simulation of system-generated EMP study. Volume 2: Appendixes	1973
19770092238	Methodology investigation of measurement of vertical air motion in the atmosphere	1973
19770092278	Design data for equipment submitted for testing software. Documentation for the Visual Target Acquisition Set AN/AVG-8A (VTAS)	1973
19770092313	Performance characteristics of future tokamak reactions	1973
19770092706	Capacitor, fixed tantalum	1973
19770093193	Descriptions and categorization of EMP inadvertent penetration on aeronautical system	1973
19770093247	Analytical comparison of hypersonic flight and wind tunnel viscous/inviscid flow fields. Check case and users manual	1973
19770094604	US theoretical and computational program	1973
19770094636	Annual progress report, 1973	1973
19770094995	Transformer, power-test set, valve	1973
19770095192	Codeposited silicon-carbide/pyrolytic graphite coated nozzle insert scale-up	1973
19770095196	Research and exploratory development on the fabrication and characteristics of fiber reinforced light metal alloy composites	1973
19770095311	Integrated circuit, TTL NAND gate, positive dual 4-input, low power	1973
19780070812	Autonomous target relative navigation	1973
19780071282	Shuttle attached manipulator system. Simulation 2: Satellite servicing	1973
19780075532	Life Sciences Publications, 1973, Volume 1	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780076368	Microelectronic components and metallic oxides	1973
19780076840	Description, classification, and inventory of Apollo 16 rake samples from stations 1, 4, and 13	1973
19780076844	Apollo 17 coarse fines (4-10mm) sample location, classification, and photo index	1973
19780076953	An econometric model of the United States telecommunications industry	1973
19780076966	Thermoelectric thin film thermal coating systems	1973
19780077335	The operations manual for the EASST multi-satellite error analysis program	1973
19780078067	An economic assessment of STOL aircraft potential including terminal area environmental considerations, volume 1	1973
19780078093	Analytical and experimental studies for the communication link characterization program	1973
19780078282	Nonintrusive dynamic flowmeter	1973
19780079203	Modelling urban air pollution	1973
19780079330	Electrostatic fine structures of helium Rydberg states	1973
19780079331	Theoretical study of helium Rydberg states	1973
19780079333	Deuteron quadrupole coupling in formaldehyde	1973
19780079337	Calculated properties for NO X2 Pi and A2 Sigma(+). 2: Configuration interaction	1973
19780079424	New interstellar methanol lines	1973
19780079457	Small V/STOL aircraft analysis, volume 1	1973
19780080506	Relay, sensitive, 40 mW SPDT contacts	1973
19780081299	Fan/ram duct program	1973
19780081538	Quarterly EBS state-of-the-art report (U)	1973
19780081621	Special analysis of wheeled vehicles (WHEELS). Phase 3: Report, volume 1 (U)	1973
19780081622	Special analysis of wheeled vehicles (WHEELS). Phase 3: Report, volume 2 (U)	1973
19780082401	Evaluation of programming and systems techniques: Implications of using modular programming	1973
19780082516	Evaluation of Operational Flight Program (OFP) 02-05-1 (specification tape) for verification of A-7C/E aircraft loft delivery capability (U)	1973
19780082949	Passive electrostatic discharger evaluations and draft specification	1973
19780083247	Miniature infrared alarm (MIRA) (U)	1973
19780083350	A-10A prototype task 2 performance and flying qualities evaluation	1973
19780083706	A program to calculate Green's functions	1973
19780083718	Extreme ultraviolet spectra of highly stripped silicon ions	1973
19780083751	Ultraviolet observations of local gas	1973
19780083839	Distributions of slant ranges for successful releases of selected weapons from the A-7E aircraft (U)	1973
19780083895	Viking project. Science investigation and instruments	1973
19780083896	Viking '75 project. Science requirements, objectives, and constraints on mission design	1973
19780084160	Preliminary design of an electromechanical energy absorber	1973
19780084507	Microcircuit, 2-wide 4-input and-or-invert, gates	1973
19780084527	Preproduction test report litton part number L-2795-02	1973
19780084842	Experimental results of testing resistors with single pulses	1973
19780084845	Microcircuits, right shift-left shift register on microelectronic circuits, digital, monolithic, register, transistor-transistor logic, flat, ceramic	1973
19780085315	L-5465-50 traveling wave tube amplifier, preduction test report on electron tubes, microwave, transmitting	1973
19780085418	Acoustic reflectivity measurements east of Kamchatka (U)	1973
19780086034	Aerospace applications of energy absorption and peak force reduction devices	1973
19780086320	Nitric oxide formation in hydrocarbon/air flames	1973
19780086363	Conformal microstrip UHF array	1973
19780086788	Wind tunnel test of a series of wing mounted nacelle installations on a 0.02 scale model near sonic four engine transport (U)	1973
19780086842	Evaluation of Ladish ring-rolled Ti-6Al-4V alloy plate	1973
19780086843	Temperature responses of aluminum skins to a nuclear thermal flash	1973
19780086998	An analytical investigation of water ingestion in the B-1 inlets	1973
19780087002	Aerodynamic criteria for airframe design and fabrication B-1, revision	1973
19780087021	Detonation propagation tests on aqueous slurries of TNT, composition B, M-9 and M-10	1973
19780087104	Revised B-1 air vehicle low speed high lift longitudinal aerodynamic characteristics	1973
19780087124	B-1 weapon separation flow field analysis using wind tunnel tests results from four separate weapon shapes	1973
19780087137	Tree design-to analysis B-1 transformerrectifier assemblies	1973
19780087138	Tree design-to analysis B-1 light annunciator assembly	1973
19780087139	Tree design-to analysis B-1 engine thrust control subsystems	1973
19780087140	Tree design-to analysis B-1 electro-mechanical relays	1973
19780087184	Stability and control	1973
19780087489	Transistor, dual, N-channel J Fet 1P071	1973
19780087600	A procedure for automated land use mapping using remotely sensed multispectral scanner data	1973
19780087687	B-1 wind tunnel test to determine the lateral-directional aerodynamic effects due to aft fuselage closure and jet plumes (aero test SF159 and TF302)	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087689	Analysis of low speed aerodynamic characteristics of the 0.06 scale B-1 high lift force model 2, tested in the North American Rockwell lowspeed wind tunnel (NAAL 668), (NAAL 673), (NAAL 675), (NAAL 683), and (NAAL 688)	1973
19780087695	Results of the B-1 .07 scale external compression inlet drag model wind tunnel test, TWT 269	1973
19780087753	TREE GFAE assessment analysis ACG-107 antenna coupler group	1973
19780087888	AFCS automatic approach performance analysis FDC localizer	1973
19780088116	Autothrottle performance analysis cruise and landing approach	1973
19780088119	B-1 flexible vehicle equations of motion for ride quality, terrain following, and handling qualities studies. Revision	1973
19780088127	Structural response of B-1 crew entry doors under nuclear blast	1973
19780088133	Overweight aircraft runway flotation study (481-55B)	1973
19780088144	AGM-69 suspension and release subsystem test data. Phase 1: 30-inch boiler plate ejector	1973
19780088360	Surface integrity of machined materials	1973
19780088504	External aerodynamics	1973
19780088872	Transistor, switching, N-channel field effect, 1P137	1973
19780088978	Linebacker phase 1: Operations research and systems analysis, volume 1	1973
19790071588	An investigation of air traffic control procedures and pilot techniques in a high density terminal area	1973
19790074159	An investigation of the feasibility of simulating gaseous exhaust plumes with solid bodies in sonic boom studies	1973
19790074620	Vertical eddy diffusion studies in the thermocline of a small stratified lake	1973
19790074629	Sunfall monitor design study. Volume 1: System description	1973
19790074630	Sunfall monitor design study. Volume 2: System specifications	1973
19790074631	Sunfall monitor design study. Volume 3: System parts list and drawings	1973
19790075280	NASA investigation board report on the initial flight anomalies of Skylab 1 on May 14, 1973	1973
19790075302	A study of the effects of long-term ground and flight environment exposure on the behavior of graphite-epoxy spoilers	1973
19790075825	A study of the effects of long-term ground and flight environment exposure on the behavior of graphite-epoxy spoilers	1973
19790078822	In-flight simulation of the longitudinal characteristics of a powered lift STOL aircraft	1973
19790078841	Thermal screening of shuttle orbiter vehicle TPS materials under convective heating conditions, volume 1	1973
19790078842	Thermal screening of shuttle orbiter vehicle TPS materials under convective heating conditions. Volume 2: Tabulation of test results	1973
19790079293	Evaluation of modal analysis techniques. Volume 1: Theory	1973
19790079294	Evaluation of modal analysis techniques. Volume 2: Subroutine explanations	1973
19790079295	Evaluation of modal analysis techniques. Volume 3: Subroutine listings	1973
19790079301	Symposium on Significant Results Obtained from ERTS-1: Abstracts	1973
19790080939	Base escape data for the B-1 production configuration (U)	1973
19790080978	B-1 nuclear survivability/vulnerability (U)	1973
19790080983	Performance status (U)	1973
19790080988	B-1 ride quality analyses (U)	1973
19790080996	SRAM B-1 load environment (U)	1973
19790081143	Preliminary analysis of SRAM launches during ATF flight (U)	1973
19790082059	Integrated circuit, TTL, dual 4-input NAND gate	1973
19790082063	Microcircuit, dual J-K master-slave flip-flop, low power TTL	1973
19790082678	Integrated circuit, TTL, hex inverter	1973
19790082821	Advanced Fighter Technology Integration (AFTI). Part 3: Near term demonstrator, phase 1, task 1 trade studies	1973
19790083262	Far-ultraviolet lunar mapping from Apollo 17	1973
19790083763	A preliminary investigation of rocket engine plumes for turbojet simulation (U)	1973
19790083888	Long-range studies for Project Trojan (U)	1973
19790084524	Qualification of stitch-wired circuit boards for downhole use	1973
19790084903	Advanced technology compression system (U)	1973
19790085517	Development of a very high strength disk alloy for 1400F service	1973
19790085720	AWACS preferred parts list (electrical/electronic) - off-the-shelf parts	1973
19790086352	Test procedure hybrid system 750	1973
19790086390	Airborne battery service life study for Titan 2 missile	1973
19790087055	Reliability test report N-9, KB-3 and KS-27 camera systems	1973
19790087379	Integrated circuit, quadruple, 2-input NAND Gate, open collector	1973
19790087750	Microelectronics: Application and firing of wrap-around grounds	1973
19800069931	Insulation Commonality Report. Volume 1: Multilayer Insulation Synopsis	1973
19800069932	Insulation Commonality Report. Volume 2: Internal Insulation Ablators and Vacuum Jacketed Tanks Synopsis	1973
19800070908	Development of a dynamic pressure calibration technique	1973
19800072178	Wing-camber effects on longitudinal aerodynamic characteristics of a variable-sweep fighter configuration at Mach numbers from 1.60 to 2.86	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800072179	Simulator study of applications of automatic departure- and spin-prevention concepts to a variable-sweep fighter airplane	1973
19800072184	Interrelation between scramjet engine design, engine cooling requirement and vehicle-engine size requirement for a shuttle-boost mission	1973
19800072186	Stability and control characteristics of a fighter configuration with a cranked-leading-edge wing planform at Mach numbers 1.60 to 2.86	1973
19800072189	Aerodynamic characteristics at Mach numbers from 1.50 to 2.87 of a dogfight missile configuration with cruciform cranked wings and trapezoidal tail controls	1973
19800073373	Sterically controlled syntheses of optically active organic compounds. 21: The temperature dependence of hydrogenolytic asymmetric transamination between optically active phenylglycine and alpha-keto acids	1973
19800073374	Sterically controlled syntheses of optically active organic compounds. 20: Synthesis of optically active alamine from alpha-bromopropionamides	1973
19800073375	Sterically controlled syntheses of optically active organic compounds. 12: Asymmetric syntheses of amino acids by the Strecker reaction	1973
19800073397	Japan: Occurrence of HF propagation by ducting based on topside sounding data	1973
19800073504	Visible-region absorption spectra of a Ti3 Fassaitite from the Allende meteorite: A discussion	1973
19800073738	Surface photovoltage spectroscopy and surface piezoelectric effect in GaAs	1973
19800073743	The role of surface trapping in photovoltage spectroscopy	1973
19800074373	Final environmental impact statement for National Aeronautics and Space Administration Office of Space Science Sounding Rocket Program	1973
19800075587	The Nimbus 5 data catalog. Volume 5: 1 August - 30 September 1973, data orbits 3124 - 3942	1973
19800077348	The characteristics of a family of rooftop aerofoils designed at their drag-rise condition in viscous, compressible flow. Part 1: Design condition	1973
19800078422	Parameters for aircraft cables	1973
19800078736	Study suggestions on threat warning for aircraft (U)	1973
19800078894	Electromagnetic pulse test results for UHF fleet satellite antenna system (U)	1973
19800079247	Improved graphite reinforced tape	1973
19800079317	Microcircuit, dual D-type flip-flop	1973
19800079319	Integrated circuit, TTL, quad 2-input nand gate	1973
19800079326	Contact, electrical, crimp type, pin-socket, for 2A012 connectors	1973
19800079446	Scientific and technical information output of the Langley Research Center for calendar year 1972	1973
19800079447	Scientific and technical information output of the Langley Research Center for calendar year 1973	1973
19800079557	Analysis of aerodynamic characteristics of the B-1 .06-scale force model 4 obtained during NAAL 674 and AEDC TF-291, SF-153, TD-299, and SF-1598, volume 1	1973
19800079558	Analysis of aerodynamic characteristics of the B-1 .06-scale force model 4 obtained during NAAL 674 and AEDC TF-291, SF-153, TF-229, and SF-158, volume 2	1973
19800079559	Analysis of aerodynamic characteristics of the B-1 .06-scale force model 4 obtained during NAAL 674 and AEDC TF-291, SF-153, TF-299, and SF-158, volume 3	1973
19800079566	Wind tunnel tests of the .036 force model 3-A in the NAAL, low speed wind tunnel, to determine pressure distributions in the wing hood region and the aerodynamic effects of the bomb bay doors	1973
19800079769	B-1 flight flutter excitation system description	1973
19800079915	Human factors engineering final report on the Improved Cobra Armament Program (ICAP)	1973
19800079932	B-1 low speed high lift longitudinal aerodynamic characteristics utilized for air vehicle performance and stability and control analysis	1973
19800080097	Aerodynamic characteristics of the .036 scale B-1 force model 3 A as determined from trisonic wind tunnel tests number 266, 268 and 274	1973
19800080128	Computer model for fragmentation threat from a high explosive shell	1973
19800080634	Analysis of aerodynamic characteristics of the R-1 aerodynamic force model IIIA obtained during TWT-248	1973
19800080841	Wind tunnel test of an alternate B-1 wing section TWT-248	1973
19800080931	Study of engine bleed air system failures	1973
19800080940	AFCS performance analysis roll modes	1973
19800081103	Weldbond flight component design/manufacturing program	1973
19800081233	Analysis of the aerodynamic characteristics of the B-1 aerodynamic force model 3 obtained during TWT 262	1973
19800081242	B-1 inlet distortion characteristics at air vehicle CDR, 31 May 1973	1973
19800081275	Analysis of aerodynamic characteristics of the B-1 aerodynamic force model 3A obtained during AEDC TF-284 and SF149	1973
19800081285	Design data for thermal shield to protect crew from nuclear burst	1973
19800081291	V/STOL aircraft summary	1973
19800081318	B-1 propulsion system installation effects production baseline 2	1973
19800081376	Plastics - selected articles	1973
19800081406	Review of boundary layer transition to turbulence	1973
19800081633	Low speed wind tunnel test of B-1 force model 3A NAAL 655	1973
19800081635	Analysis of a wind tunnel test (NAAL 697) of the 0.06 scale B-1 high lift model to determine capabilities of the B-1 high lift system at 25 degrees wing sweep and effect of the enlarged trailing edge cutout	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081636	Analysis of aerodynamic characteristics of the B-1 Aerodynamic force model 3A obtained during NAAL 650	1973
19800081637	Test results of an .07 scale B-1 external compression inlet drag model NASA Ames test (97) 641	1973
19800081638	Wind tunnel tests of the B-1 0.06 scale high lift model in the NAAL wind tunnel to obtain stability and control data on an updated configuration and at a new wing sweep position of 25 degrees (NAAL 697 - Test 11)	1973
19800081639	Trisonic wind tunnel tests of the B-1 air vehicle 0.036-scale aero force model 3-A to define drag, stability, and control characteristics and flow patterns of various upper hood fairings TWT-268	1973
19800081687	Landing gear loading analysis during taxi turns	1973
19800081688	B-1 vehicle response resulting for store drops during terrain following	1973
19800082539	Real-time optical processing	1973
19800083011	Supplemental OWEX tower experiment summary report (U)	1973
19800083337	Blast resistance of aluminum panels simulating SES sidewall construction	1973
19810065584	A comparison of the aerodynamic characteristics of a conventional and a supercritical wing designed to the same high subsonic cruise and buffet-onset goals	1973
19810066368	The mathematical model development for the MSFC Skylab man-in-the loop docking simulator	1973
19810067688	A study of the application of modal suppression to flutter control	1973
19810069649	An overview of the ISIS-1 electrostatic probe measurements of electron temperature and concentration	1973
19810069893	Abstracts of papers presented at the Fourth Lunar Science Conference	1973
19810072768	A full-scale fire program to evaluate new furnishings and textile materials utilized by the National Aeronautics and Space Administration	1973
19810073978	Fatigue impact on the B-1 survivability/vulnerability hardness of combined blast and service life loads (U)	1973
19810075510	Sleeve coldworking fastern holes	1973
19810075545	The effect of acute hypoxia on the content of microelements in the brain and spinal cord	1973
19810075546	The effect of acute hypoxia at a height of 8000-9000 meters above sea level on motor function in rats	1973
19810075898	Automatic computerized numerical control ultrasonic system for evaluating tank hulls and turrets	1973
19810076784	CTS: Thermal control surface properties measurement	1973
19810076832	Constrained lens antenna	1973
19810077528	Bibliography on entropy	1973
19810077529	Bibliography on Enthalpy	1973
19810077824	Shock Test Program. Test specification and procedure. Electric Motor Control Center fragility test, ITC E87 MC, for safeguard TSE systems and equipment, revision 1	1973
19810077827	Shock test program water purification units for safeguard TSE systems and equipment	1973
19810077840	Shock test program. Waste disposal pumps for safeguard TSE systems and equipment	1973
19810077841	Shock test program. Metal - clad switchgear for safeguard TSE systems and equipment. Volume 1. Book 1: Basic report, 5HK75 test data	1973
19810077842	Shock test program. Metal - clad switchgear for safeguard TSE systems and equipment. Volume 1. Book 2: 5HK350 test data	1973
19810077847	Shock test program. Centrifugal axial fans for safeguard TSE systems and equipment	1973
19810077848	Shock test program. Air conditioning CBR filters for safeguard TSE systems and equipment	1973
19810077862	Shock Test Program. Monitoring and control components for safeguard TSE systems and equipment	1973
19810077866	Shock Test Program. Water chiller for safeguard TSE systems and equipment	1973
19810077872	Long Life Technology Research based on Saturn V component experience	1973
19810077968	Bibliography on metal matrix composites	1973
19810078015	The 3rd Symposium on Chemical Problems Connected with the STability of Explosives	1973
19810078311	F-111 stall/post-stall/spin prevention	1973
19810078319	Hardness Program-Non-Emp test report for safeguard TSE ground facilities shock test program. Fragility testing Electric motor control centers (ITC's E06MC, E52MC, E87MC, and E89MC). Volume 1. General discussion, input motion and specimen response	1973
19810078320	Hardness Program-Non-Emp Test report for safeguard TSE ground facilities shock test program. Fragility testing Electric motor control centers (ITC's E06MC, E52MC, and E87MC, E87MC, and E89MC). Volume 2. Procedures, logs, photographs and instrumentation	1973
19810078321	Shock test program. Test specification and procedure. Electric motor control center fragility test, ITC F06 MC, for SAFEGUARD TSE systems and equipment, Revision 1	1973
19810078547	Design of direct visual target imagery experiments for Project SEEDVAL	1973
19810078594	Shock test program. Dynamic analysis diesel engine generator for safeguard TSE systems and equipment	1973
19810079464	KMU 414 formation flying lights	1973
19810079494	Safety study report of the meteorological probes PWN-10A, -10B, -11A and -12A LAU-98/A launchers	1973
19810079760	OSTP-27BEP: An estimate of the effects of boundary reradiation on array-gain degradation	1973
19810079886	Plan for evaluation of air-to-air missiles (U)	1973
19810082175	Ecuador, Peru. Section 23: Weather and climate	1973
19820065089	Space Tug Systems Study (Storable): Selected Option Data Dump	1973
19820065091	Space tug systems study (storable): Selected option data dump. Volume 4.0: Mission accomplishment	1973
19820065092	Space tug systems study (storable): Selected option data dump. Volume 5.0 section 1, systems	1973
19820065094	Space tug systems study (storable): Selected option data pump. Volume 5.0 systems, appendix A: Supporting research and technology	1973
19820065095	Space tug systems study (storable): Selected option dump. Volume 6.0 section 1: Flight operations	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820065096	Space tug systems study (storable): Selected option data dump. Volume 6.0 section 2: Ground operations	1973
19820065097	Space tug systems study (storable): Selected option data dump. Volume 6.0 appendix: Ground operations	1973
19820065098	Space tug systems study (storable): Selected option data dump. Volume 7.0: Safety	1973
19820065099	Space tug systems study (storable): Selected option data dump. Volume 8.0 section 1: Programmatic and cost	1973
19820065100	Space tug systems study (storable): Selected option data dump. Volume 8.0 section 2: Programmatic and cost	1973
19820065101	Space tug systems study (storable): Selected option data dump. Volume 8.0 appendix: Programmatic and cost	1973
19820066515	Space Tug systems study data Dump. Volume 6.0: Operations. Book 2, program 2	1973
19820066516	Space Tug systems study data Dump. Volume 6.0: Operations. Book 3, program 3	1973
19820066517	Space Tug systems study data Dump. Volume 7.0: Safety	1973
19820066530	Space Tug systems study cryogenic data dump, volume 2, program 2, summary	1973
19820066531	Space Tug systems study cryogenic data dump, volume 3, program 3, summary	1973
19820066532	Space Tug systems study data dump. Volume 4, Mission accomplishment	1973
19820066533	Space Tug systems study data dump. Volume 5: Systems. Book 1, program 1	1973
19820066534	Space Tug systems study data dump. Volume 5: Systems. Book 3, program 3	1973
19820066535	Space Tug systems study data dump, volume 8, book 2, program 2	1973
19820066536	Space Tug system study data dump, volume 8, book 3, program 3	1973
19820066893	NASA/Army rotor systems research aircraft project plan	1973
19820066895	Study of structural design concepts for an arrow-wing supersonic transport configuration	1973
19820066921	Space Tug systems study data Dump. Volume 5: Systems. Book 2, program 2	1973
19820066922	Space Tug systems study data dump. Volume 6.0: Operations. Book 1, program 1	1973
19820067210	A study of the effects of long-term ground and flight environment exposure on the behavior of graphite-epoxy spoilers	1973
19820067519	Study of structural design concepts for an arrowing-wing supersonic transport configuration	1973
19820067878	Phase change thermal control development	1973
19820071200	A Simulation for the Space Ultrareliable Modular Computer (SUMC)	1973
19820071397	Stripping flat conductor cable	1973
19820071673	Advanced Launch Vehicle systems simulation modules	1973
19820076204	Naval Aeroballistics Advisory Committee (NAAC) missile stability and performance panel (U)	1973
19820076813	Passive radar augmentation pod	1973
19820078332	Combat snap phase 2A (U)	1973
19820078741	Shock test program, switchgear cabinet transfer function tests for safeguard TSE systems and equipment	1973
19820080135	General dimensional features and service requirements of U.S. Naval helicopters, revision B	1973
19820080330	Seven band scanning radiometer	1973
19820080878	Effects of multipath on coherent and noncoherent PRN ranging receivers	1973
19820081110	Feasibility study on built-in emissions	1973
19830069743	Industrial applications of alkali-metal heat pipes	1973
19830070530	Model optimization using statistical estimation	1973
19830072361	Study of aerospace technology utilization in the civilian biomedical field	1973
19830073284	Handbook for conducting mechanical shock tests using an electrodynamic vibration exciter	1973
19830073431	BCC 500SPL language reference manual	1973
19830073535	Advanced supersonic technology structural panel program	1973
19830073546	Bellows flow-induced vibrations and pressure loss	1973
19830073951	Informal review of computer-aided structural design program	1973
19830074085	Low cost payload design concepts study. Volume 1: Executive summary	1973
19830078547	International Joint Conference on Pattern Recognition	1973
19830078884	Review of the Yellow Book and suggested new regulatory format for tentative airworthiness standards for powered lift transport category aircraft. Part 20, subpart B: Flight	1973
19830079349	Project plan for Communications Technology Satellite (CTS)	1973
19830079875	Clock error modeling via the Karhunen-Loeve expansion	1973
19830080305	A uniform DoD aircrew survival training program	1973
19830084773	Final Report	1973
19830084775	Marketing research activities	1973
19840067442	A Mathematical Analysis for the High Temperature Oxidation of TD-NiCr	1973
19840070352	The Fluctuating Static Pressure Field in a Round Jet Turbulent Mixing Region	1973
19840070758	Prediction of vibro-acoustic loading criteria for space vehicle components	1973
19840070952	A Thermal Infrared Ratio Imaging Method for Mapping Compositional Variations Among Silicate Rock Types	1973
19840072009	Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment and Associated Components	1973
19840072446	Investigation of GH2-GO2 combustion	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840077332	Laboratory characterization and research on the performance of window materials for high power IR lasers	1973
19840080532	Collected contributions of the Bedford Institute of Oceanography, volume 6	1973
19850071303	QCSEE task 1: Parametric study	1973
19850074769	Field test and inspection procedures required to qualify for certification or recertification of E-28 Aircraft Recovery Systems, revision e	1973
19850074845	Effect of an applied voltage on the wettability of aluminum oxide by liquid copper	1973
19860066006	Mississippi Sound remote sensing study	1973
19860066007	Techniques and procedures for quantitative surface water temperature surveys using airborne sensors	1973
19860066008	Study of atmospheric effects and illumination in multispectral data: A case study of the Atchafalaya River Basin, flight of October 29, 1971	1973
19860066011	Atchafalaya River Basin study. Part 3: Remote sensing thermal water study	1973
19860066051	A study of the influence of horizontal atmospheric variations on radiometrically-determined sea temperatures	1973
19860066526	Tectonic Analysis of Megafracturing, chapter 5	1973
19860066527	Interaction of solar wind shock waves with the Earth's magnetosphere	1973
19860066528	Ion composition of the F2-region and topside ionosphere	1973
19860066636	Mississippi Sound remote sensing study: 19 September, 4 October, and 18 October 1972. Surface measurements	1973
19860066678	Discussion on paper 30: A consideration of experimental results concerning scattering of light by sea water	1973
19860066846	Ross Barnett Reservoir study standard data package A, flight of 18 October 1973 and 30 October 1973	1973
19860066848	Sea Remote Sensing Program: Mississippi Sound remote sensing study 29 Aug. 1972. Remote measurements, light aircraft	1973
19860066849	Sea Remote Sensing Program: Biloxi Bay remote sensing study 26 June 1973. Remote measurements, light aircraft	1973
19860066851	Bayou Lafourche standard data package A, flight of June 21, 22 1973	1973
19860066852	Data package no. 2 for: Study of the application of remote sensing data to land use planning on the Mississippi Gulf coast, ERTS-1, flight of Jan. 16, 1973	1973
19860066853	Sea Remote Sensing Program: Mississippi Sound remote sensing study 7 September 1972. Remote measurements, light aircraft	1973
19860066854	Sea Remote Sensing Program: Mississippi Sound remote sensing study 15 August 1972. Remote measurements, light aircraft	1973
19860066855	Sea Remote Sensing Program: Mississippi Sound remote sensing study 11 July 1972. Remote measurements, light aircraft	1973
19860066858	Ross Barnett Reservoir study 2 standard data package A, flight of November 17, 1972	1973
19860066865	Mississippi Sound remote sensing study: 28 September 1972. Surface measurement	1973
19860066883	Atmospheric corrections: Sensitivity analysis	1973
19860066949	Argentina to collaborate in Skylab Program	1973
19860067272	Sea Remote Sensing Program. East Lake Pontchartrain study, 17 November 1972, remote measurements, light aircraft	1973
19860067284	Evaluation of modular multispectral scanner data processed with pattern recognition programs for land use classifications	1973
19860067298	Sea Remote Sensing Program. Biloxi Bay remote sensing study, 5 September 1972, remote measurements, light aircraft	1973
19860067299	Sea Remote Sensing Program. Biloxi Bay remote sensing study, 14 November 1972, remote measurements, light aircraft	1973
19860067300	Sea Remote Sensing Program. Biloxi Bay remote sensing study, 31 October 1972, remote measurements, light aircraft	1973
19860067303	Data package A for ERL mission 082, October 18 and 30 1973: Ross Barnett Reservoir	1973
19860067304	Bayou Lafourche standard data package A, flight of October 25, 1973	1973
19860067305	Sea Remote Sensing Program. Mississippi Sound remote sensing study, 6 July 1972: Remote measurements, NC130B aircraft	1973
19860067308	Sea Remote Sensing Program. Mississippi Sound remote sensing study, 18 October 1972, remote measurements, light aircraft	1973
19860067309	Sea Remote Sensing Program: Mississippi sound remote sensing study, 4 October 1972, remote measurements, light aircraft	1973
19860067312	Ross Barnett Reservoir study 3: Standard data package A, flight of July 30 and August 8, 1973	1973
19860067313	Remote measurement of surface water temperatures in coastal waters	1973
19860067322	Sea Remote Sensing Program. Oceanic Gamefish/Skylab Project experiment no. 240, 2 June 1973, surface measurements	1973
19860067323	Sea Remote Sensing Program: Mississippi Sound remote sensing study, 7 August 1972, remote measurements, light aircraft	1973
19860067324	Sea Remote Sensing Program. Mississippi Sound remote sensing study, 19 September 1972, remote measurements, light aircraft	1973
19860067325	Mississippi River gulf outlet sedimentation study remote sensing data package	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19860067327	Sea Remote Sensing Program. Oceanic Gamefish/Skylab Project, experiment no. 240, 4 and 5 August 1973, surface measurements	1973
19860067329	Sea Remote Sensing Program: Mississippi sound remote sensing study, 25 July 1972: Remote measurements, light aircraft	1973
19860067330	Sea remote sensing program: East Lake Pontchartrain study, 12 September 1972. Remote measurements light aircraft	1973
19860067332	Sea remote sensing program: Biloxi Bay remote sensing study, 8 August 1972. Remote measurements light aircraft	1973
19860067489	Biloxi Bay remote sensing study, 20 February 1973. Remote measurements light aircraft	1973
19860067490	Biloxi Bay remote sensing study, 4 April 1973. Remote measurements light aircraft	1973
19860067491	Mississippi Sound remote sensing study, 28 September, 1972. Remote measurements light aircraft	1973
19860067493	Biloxi Bay remote sensing study, 9 May 1973. Remote measurements light aircraft	1973
19860067498	Mississippi Sound remote sensing study, 28-29 September, 1972. Remote measurements NP3A aircraft	1973
19860067500	Mississippi Sound remote sensing study, 25 August, 1972. Remote measurements NP3A aircraft	1973
19860067501	Extracting land use information from the Earth Resources Technology Satellite data by conventional interpretation methods: A user's handbook	1973
19860067916	The Optimal Finite Preview Problem and Its Application to Man-Machine Systems	1973
19860070102	The effect of atmospheric pressure and gravity on gauge blocks	1973
19870067487	Storable space tug systems study requirements assessment MTG	1973
19870067488	Storable space tug systems study data dump. Volume 1: Summary, program option 1	1973
19870067489	Storable space tug systems data dump. Volume 2: Summary, program option 2	1973
19870067490	Storable space tug systems study data dump. Volume 3: Summary, program option 3	1973
19870067491	Storable space tug systems study data dump. Volume 6: Operations. Part 1, section 1	1973
19870067492	Storable space tug systems study data dump. Volume 6: Operations. Part 1, section 3	1973
19870067493	Storable space tug systems study data dump. Volume 7: Safety and reliability	1973
19870067494	Storable space tug systems study data dump. Volume 8: Programmatic and cost. Book 2	1973
19870067495	Space tug systems study (cryogenic) September data dump. Volume 4: Mission accomplishment. Book 1: Option 1	1973
19870067496	Space tug systems study (cryogenic) data dump overview	1973
19870067497	Space tug systems study (cryogenic) September data dump. Volume 6: Operations. Book 1, option 1	1973
19870067498	Space tug systems study (cryogenic) September data dump. Volume 1: Summary, program option 1	1973
19870067499	Storable space tug systems study data dump. Volume 4: Mission accomplishment	1973
19870067500	Storable space tug systems study data dump. Volume 6: Operations. Part 1, section 2	1973
19870067501	Space tug systems study (cryogenic). Volume 1: Program 1 summary	1973
19870067502	Propulsion discipline panel data package: Space tug systems study	1973
19870067503	Space tug systems study (cryogenic). Volume 6: Operations, book 3, option 3	1973
19870067504	Space tug systems study (cryogenic). Volume 6: Operations, book 2, option 2	1973
19870067505	Space tug systems study (cryogenic): Special emphasis mission extensions	1973
19870067506	Space tug systems study (cryogenic). Volume 8: Programmatic and cost, book 3, option 3	1973
19870067508	Space tug systems study (cryogenic). Volume 8: Programmatic and cost, book 1, option 1	1973
19870067509	Space Tub Systems Study (cryogenic). Volume 7: Safety, Book 1, Option 1 Data Dump Sep. 1973	1973
19870067510	Space tug systems study (storable)	1973
19870067511	Space tug systems study (storable)	1973
19870067519	Storable space tug systems study data dump. Volume 8: Programmatic and cost. Book 1	1973
19870067520	Space tug systems study (cryogenic). Volume 8: Programmatic and cost. Book 2, option 2	1973
19870070912	Skylab risk hazard assessment and error analysis	1973
19870071080	Degradation of laser systems by atmospheric turbulence	1973
19880068833	SST Technology Follow-On Program. Phase 2: US SST electrical power system VSCF test report	1973
19880068854	SST Technology Follow-On Program, phase 2. SST longitudinal control system design and design processes: Hardened stability augmentation design	1973
19880069581	Liquid-Hydrogen-Fueled Aircraft	1973
19880072179	Synoptic thermal mapping of Mississippi River water entering Lake Pontchartrain through Bonnet Carre Floodway	1973
19880072568	Free-flight investigation of a 1/17-scale model of the B-1 airplane at high angles of attack	1973
19890068450	Sounding rocket airborne PCM system	1973
19890068488	Finite element approximation of ocean circulation problems	1973
19900066178	Ablative and metallic heat shields for aerobraking reentry, task B-3 report	1973
19900066250	Advanced supersonic transport systems study	1973
19900066346	Study of structural design concepts for an arrow-wing supersonic transport configuration, task 1 and task 2	1973
19900066488	Ablative and metallic heat shields for aerobraking reentry: Task B-2 report	1973
19900068698	Study of structural design concepts for an arrow-wing SST configuration	1973
19910072497	Unsteady Lifting Surface Theory Applied to a Propeller and Helicopter Rotor	1973
19910072504	Sulfur dioxide: Chemical lifetimes in urban atmospheres	1973
19910072558	Attitude dynamics data simulator (ADSIM) version 3.1 system description and user's manual	1973
19910072598	A zonally-averaged global dispersion model. 1: Atmospheric transport	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19910072610	Index to NASA news releases and speeches: 1972 supplement	1973
19910073281	JPL basic research review	1973
19910073611	Investigation of tire parameter variations in wheel shimmy	1973
19920075391	Practical applications of digital integrated circuits. Part 1: Basic logic gates	1973
19920078135	An experimental study of contrarotating propeller performance in dilute polymer solutions	1973
19930073100	Shuttle launch site operational concepts for certain sortie missions: Executive summary	1973
19930073101	Shuttle launch site operational concepts for certain sortie missions. Volume 3: Detailed technical report	1973
19930073108	Shuttle launch site operational concepts for certain sortie missions: Appendix	1973
19930073687	Space tug systems study (cryogenic) September data dump. Volume 3: Summary program option 3	1973
19930073688	Space tug systems study (cryogenic) September data dump. Volume 2: Summary program option 2	1973
19930074077	Program plan for terminal configured vehicle program	1973
19930074089	Pioneer Venus Orbiter: Report of a study by the NASA/ESRO Joint Working Group	1973
19930074091	Space Shuttle Program: Space Shuttle system payload accommodations. Volume 14: Level 2 program definition and requirements	1973
19930074101	Estimation of moments and products of inertia of light aircraft under various loading conditions	1973
19930074135	Pioneer Venus science instrument survey	1973
19930074143	Science instrument survey	1973
19930074156	A joint project for the investigation of the utilization of the SEL 840 MP facilities in connection with biomedical research	1973
19930074261	Large scale V/STOL wind tunnel power section design study	1973
19930074307	Mariner 9 ultraviolet spectrometer experiment: Afternoon terminator observation of Mars	1973
19930078670	Nuclear stage system definition study, phase 4. Volume 1: Executive summary	1973
19930078709	Delta-97/Explorer-50 (IMP-J): Flight report	1973
19930078714	Project Space Shuttle: Digital flight control software design requirements	1973
19930078739	Joint operating plan: 1973 fire season U-2 fire reconnaissance project	1973
19930078786	Conceptual design of a standard experiment pointing base for astronomy sortie missions of the Space Shuttle	1973
19940003822	How does the successful low bidder get low and make money?	1973
19960023484	UV Gas Laser Studies	1973
19960025627	Flight noise reduction in propeller-driven aircraft	1973
19960025672	Visible Chemiluminescence and Pulsed Chemical Laser Study	1973
19960025698	Evaluation of a Polystyrene Foam/Phenolic Composite Material for Thermal Protection,	1973
19960025913	An IRIA-IRIS Proceedings: Meeting of the IRIS Workshop on Future Infrared Imaging Systems	1973
19970022106	Control of Heart Rate in Cecropia Moths: Response to Thermal Stimulation	1973
19970023457	Differentiation of Bite Force Response in the Rat	1973
19970023779	Estimating Signal and Noise in Coherent Time Averages of EEG Data	1973
19970024901	Solute Rejection by Porous Glass Membranes	1973
19970026953	Fatty Acid Synthesis in Trichophyton Rubrum	1973
19970027067	Ribosomes and Amino Acid Incorporation in the Extreme Thermophile Bacillus caldolyticus	1973
19970027084	Oxygen Consumption and Carbon Dioxide Production in Rats During Acute Centrifugation Stress and After Adaptation to Chronic Centrifugation	1973
19970031412	Prolonged Fixation Studies for Spaceflight	1973
19970031763	The Disappearance of the Acid Mucopolysaccharide Coating in Blood Vessels Exposed to Oxygen, Radiation and in Old Age and Possible Implications	1973
19970032176	Al-Rich Pargasite	1973
19980155706	Aircraft dynamics and automatic control	1973
19990046552	Shuttle Orbital Applications and Requirements (SOAR)	1973
19990110544	Shock Wave Oscillation Driven by Turbulent Boundary Layer Fluctuations	1973
20000028309	Pressure Loads and Aerodynamic Force Information for the -89A Space Shuttle Orbiter Configuration	1973
20000031280	Pressure Loads and Aerodynamic Force Information for the -89A Space Shuttle Orbiter Configuration	1973
20000114031	A Design Method for Entrance Sections of Transonic Wind Tunnels With Rectangular Cross Sections	1973
20010008166	Nonequilibrium Three-Dimensional Supersonic Flow Computations With Application to the Space Shuttle Orbiter Design	1973
20020030051	Gunfire Vulnerability Tests on Flight Control Actuators, Components, and Fluids	1973
20030005108	Multiple Jet Study	1973
20040085086	History of USAF Close Air Support Command and Control	1973
20050112070	Effect of Prolonged Bedrest and (plus) Gz Acceleration upon Peripheral Visual Response Time	1973
20050112072	Relationship Between Motion Sickness Experience and Tests of the Perception of Rotation in Pilots and Nonpilots	1973
20050201313	Production Specifications for the DOD Flight Information Publication VFR-Supplement. Second Edition	1973
20050216906	Effect of Mass Addition and Angle-of-Attack on the Turbulent Boundary Layer Characteristics of a Slender Cone. Volume 2. Appendix A. Cone Surface Data. Part 1. Cold Wall (Transient) Heat Transfer. Part 2. Hot Wall Heat Transfer. Part 3. Surface Pressure	1973
20050216907	Effect of Mass Addition and Angle-of-Attack on the Turbulent Boundary Layer Characteristics of a Slender Cone. Volume 3. Appendix B. Boundary Layer Profile Data	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20050228975	NOAA-2 (ITOS-D) Post Launch Report No. 2, Mission Assessment	1973
20050228976	Improved TIROS Operational Satellite (ITGS-E) Mission Operation Report	1973
20050228977	Improved TIROS Operational Satellite (ITOS-E) Post Launch Report No. I	1973
20050228978	Improved TIROS operational satellite (ITOS-F)	1973
20050229198	Canadian Communication Satellite/Delta Launch (TELESAT-B) (ANIK II)	1973
20050229199	Telesat-B (ANIK) Mission Operation Report No. 1	1973
20050229986	Pioneer 10 and G Program, Pioneer G Launch	1973
20050230158	Intelsat IV F-7 Launch	1973
20050234612	Interplanetary Explorer Project; IMP-J Mission Operation Report	1973
20050236226	Atmosphere Explorer Project; AE-C Mission Operation Report	1973
20050236467	Intelsat IV F-7 Post Launch Report No. I	1973
20050236470	Explorer 49, Radio Astronomy Explorer-2 (RAE-2) Post Launch Report No. I	1973
20050236508	Mariner Venus/Mercury 1973 Flight Mission	1973
20050240838	Radio Astronomy Explorer-B (RAE-B)	1973
20070033408	Roman Candle	1973
20070034189	Roman Candle	1973
20070034192	Roman Candle	1973
20070034193	Roman Candle	1973
20070036734	Skylab Final Flight Plan	1973
20080005779	A-10 Initial Operational Test and Evaluation	1973
20080008499	SFIR-7 Final Progress Report	1973
20080014753	Electronic Warfare Education Quarterly	1973
20080015421	Electronic Warfare Education	1973
20080015619	Electronic Warfare Education Quarterly	1973
20080019640	Proceedings of the San Diego Biomedical Symposium 1973 Volume 12	1973
20080033972	Diurnal Variations in Thermoregulatory Functions in Men and Women	1973
20080034691	Skylab Supplement: Mission Operation Report	1973
20080039070	A Submarine Log System Calibration Aid, Phase 2	1973
20080041550	A Compilation of Outgassing Data for Spacecraft Materials	1973
20080042998	NASA Patent Abstracts Bibliography: A Continuing Bibliography.	1973
20080043022	New Patent Abstracts Bibliography: A Continuing Bibliography	1973
20080044765	NASA Patent Abstracts Bibliography: A Continuing Bibliography. Section 2-Indexes	1973
20090002354	Validation Flight Test	1973
20090014206	A Hydroenergy Carrier	1973
20090021271	SKYLAB: Mission Operation Report	1973
20110008436	Range Safety Manual	1973
20110020493	Skylab Mission SL-1/SL-2	1973
20110020494	Skylab Mission SL-3: Prelaunch	1973
20110020506	Skylab Missions SL-1/SL-2, SL-3, and SL-4	1973
20110020683	Nimbus 5 Mission Post Launch Report No. 2	1973
20110020698	SL-3 Mission Assessment	1973
20110020699	Skylab Mission SL-4	1973
20110022630	Pioneer Solar Plasma and Magnetic Field Measurements in Interplanetary Space During August 2-17, 1972	1973
20110022639	Spatial Distribution of Soft X-Ray and EUV Emission Associated with a Chromospheric Flare of Importance 1B on August 2, 1972	1973
20130000538	Spectroscopic Observations of HX Herculis II	1973
20130008166	An Experimental Study of Jet Exhaust Simulation Parameters	1973
20130009853	Apollo 17 Entry Postflight Analysis	1973
20130014547	The Project Management Role in Safety	1973
20140000488	Analysis of Solar X-Ray Data	1973
20140014864	Comparison of Measured and Calculated Exit Plane Plume Temperature and Water Vapor Concentration Profiles for Two Liquid-Propellant Rocket Engines	1973
20150009365	Laboratory Control and Statistical Analysis	1973
20150009366	Summary of Progress in The Project Environmental Microbiology as Related to Planetary Quarantine	1973
20150009373	Radiation Sterilization with a Van De Graaf Accelerator	1973
20150009554	The Second Viking Expedition	1973
20150010055	On a Fundamental Problem in Radiation Biology	1973
20150010270	Protocol for a Standardized Calibrated System for the Evaluation of Physical Variables in Dry Heat Sterilization Studies	1973
20150010452	The Synergistic Inactivation of Biological Systems by Thermoradiation	1973
20150010470	Summary of Progress in the Project Environmental Microbiology as Related to Planetary Quarantine	1973
20150010520	Protocol for a Standardized Calibrated System for the Evaluation of Physical Variables in Dry Heat Sterilization Studies	1973
20150010532	Planetary Quarantine Goes to Work in the Hospital	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150010568	Annual Review of Research and Advanced Development	1973
20150010618	Planetary Quarantine Semi-Annual Review Space Research and Technology	1973
20150011240	A Study of 30-300 MeV Atmospheric Gamma Rays	1973
20150011732	Some Microbial Interactions With Silicate Rocks and Minerals	1973
20150011734	Phospholipid Composition of a Thermosensitive Mutant of a Thermophilic Bacillus	1973
20150011735	Protein and Deoxyribonucleic Acid Synthesis in a Thermophilic Bacterium	1973
20150011736	New Analytical Techniques in Meteorite Research	1973
20150011737	Photochemical Synthesis of Simple Organic Free Radicals on Simulated Planetary Surfaces - An ESR Study	1973
20150011738	Determination of the Degree of Esterification of Amino Acids with 2-Butanol Using Scintillation Counting and Thin-Layer Chromatography	1973
20150011739	Gas Chromatographic Determinations of Amino Acid Enantiomers in Sediments from the Deep Sea Drilling Project	1973
20150011740	Quantum Chemical Study of the Thermodynamics, Kinetics of Formation and Bonding of H ₂ CN: Relevance to Prebiotic Chemistry	1973
20150011741	GC-MS in the Analysis of Organic Compounds in Meteorites	1973
20150011742	Did Life Come from Space?	1973
20150011743	Amino Acids in Carbonaceous Chondrites	1973
20150011744	The Organic Geochemical Record of Sediments Older than Three Billion Years	1973
20150011745	Diagenesis of Amino Acids and their Enantiomers	1973
20150011750	Racemization of Amino Acids in Bones	1973
20150011751	Isolation and Growth Characteristics of Temperature-Sensitive Mutants of a Thermophilic Bacillus	1973
20150011752	Proteins from Thermophilic Microorganisms	1973
20150011753	Bioorganic Chemistry of Phosphorus	1973
20150011754	Membrane Associated NADH Oxidase of Thiobacillus Neapolitanus	1973
20150011755	Phosphoenolpyruvate Carboxytransphosphorylase - An Investigation of the Mechanism with O-18	1973
20150011756	Influence of Electron Transport on the Interaction Between Membrane Lipids and Triton X-100 in Halobacterium Cutirubrum	1973
20150011757	Glucose Dissimilation by an Extremely Halophilic Bacterium	1973
20150011758	Spin-Label Studies on Cell Membranes of H. Cutirubrum	1973
20150011759	Biology of an Alkaline Spring	1973
20150011760	Effects of Ionic Strength and Organic Solvents on the Kinetics of Matrix-Bound Trypsin	1973
20150011761	Afferent Connections of the Substantia Nigra in the Rat	1973
20150011766	Aging in Insects	1973
20150011768	Effects of DL-Alpha-Tocopherol on the Life-Span of Drosophila Melanogaster	1973
20150011769	Directional Representation of Horizontal and Vertical Acceleration in the Neural Activity of Cat Vestibular Nuclei	1973
20150011771	Transformation of Aerodynamic Stability Derivatives by Symbolic Mathematical Computation	1973
20150011772	Effect of Prolonged Bedrest with Exercise on Body Balance	1973
20150011777	Suppression of Bending Motion in Elastic Bodies	1973
20150011778	Natural Evidence for Chemical and Early Biological Evolution	1973
20150012790	Data Concerning the NACA 65 and 66 Series Airfoils	1973
20150013896	A Comparison of Digital Design Techniques for Digital Flight Control Synthesis	1973
20150015537	An Analytical and Experimental Investigation of Rotating, Noncapillary Heat Pipes	1973
20160001011	Approval Standard Smoke Activated Detectors for Automatic Fire Alarm Signaling	1973
20160001120	Criteria for Evaluation of Cost Proposals on the Solid Rocket Motor Project	1973
20160001217	NASA Pocket Statistics	1973
20160001218	NASA Pocket Statistics	1973
20160001219	NASA Pocket Statistics	1973
20160001220	NASA Pocket Statistics	1973
20160001221	NASA Pocket Statistics	1973
20160001222	NASA Pocket Statistics	1973
20160001223	NASA Pocket Statistics	1973
20160001224	NASA Pocket Statistics	1973
20160001225	NASA Pocket Statistics	1973
20160001226	NASA Historical Pocket Statistics	1973
20160012411	Spacelab Concepts and Utilisation	1973
20160012436	Skylab 1/2 Technical Crew Debriefing	1973
20160012440	Skylab Presentation Reference	1973
20160012490	Proposal for Space Shuttle External Tank Project: Cost - Book 1	1973
20160012491	Proposal For Space Shuttle External Tank Project: Volume 4, Production/Operations	1973
20160012492	Proposal for Space Shuttle External Tank Project	1973
20160012493	Proposal for Space Shuttle External Tank Project	1973
20160012494	Proposal for Space Shuttle External Tank Project	1973
20160012495	Proposal for Space Shuttle External Tank Project: Cross-Reference Index	1973

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20160012496	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160012497	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160012498	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160012499	Solid Rocket Motor for Space Shuttle System	1973
20160012500	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160012501	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160012502	Space Shuttle Program Solid Rocket Motor Project: Design Drawings	1973
20160012612	Space Shuttle and Planetary Missions	1973
20160012640	Space Shuttle Program Requirements Document Level I: Revision No. 5	1973
20160012641	Scientific Design of a Manned Aurora and Magnetosphere Observatory System for the Shuttle Program, Volume 1	1973
20160012642	Test Plan for Space Shuttle Booster Pressure Scaled Water Impact Test.08 Scale Model	1973
20160012643	A Plan for the use of the Basic Atmosphere Explorer Spacecraft System as a Subsatellite of the Shuttle	1973
20160012645	Summary Space Technology Payload Program For Shuttle	1973
20160012646	Space Shuttle Program: Space Shuttle System Payload Accommodations	1973
20160013430	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160013431	Proposal Solid Rocket Motor for Space Shuttle System	1973
20160013432	Solid Rocket Motor for Space Shuttle System	1973
20160013433	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160013434	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160013435	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160013436	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160013437	Solid Rocket Motor for Space Shuttle System	1973
20160013438	Solid Rocket Motor for Space Shuttle System	1973
20160013439	ASPC Specification SRB5713 Space Shuttle SRB Safety-and-Arming Device	1973
20160013440	Solid Rocket Motor for Space Shuttle System	1973
20160013441	Proposal for Solid Rocket Motor for Space Shuttle System	1973
20160013442	Proposal for Solid Rocket for Space Shuttle System	1973
20160013443	Space Shuttle Program Solid Rocket Motor Project	1973
20160013444	Proposal for Space Shuttle Program Solid Rocket Motor Project	1973
20160013445	Space Shuttle Program Solid Rocket Motor Project	1973
20160013446	Space Shuttle Program Solid Rocket Motor Project	1973
20160013447	Space Shuttle Program Solid Rocket Motor Project	1973
20160013448	Space Shuttle Program Solid Rocket Motor Project	1973
20160013449	Space Shuttle Program Solid Rocket Motor Project	1973
20160013450	Space Shuttle Program Solid Rocket Motor Project	1973
20160013451	Space Shuttle Program Solid Rocket Motor Project	1973
20160013452	Space Shuttle Program Solid Rocket Motor Project	1973
20160013453	Space Shuttle Program Solid Rocket Motor Project	1973
20160013454	Space Shuttle Program Solid Rocket Motor Project	1973
20160013589	Skylab Operations Handbook Command/Service Modules CSM 116 Thru 118	1973
20160013797	Activities of the Apollo Flight Limits Subpanel Mission	1973
20160013801	Preliminary Catalog of Pictures Taken on the Lunar Surface During the Apollo 17 Mission	1973
20160013825	First Skylab Mission: Final - ATM JOP Summary Sheets	1973
20160014357	Environmental Statement For The National Aeronautics And Space Administration Office Of Space Science Launch Vehicle And Propulsion Programs: Final Statement	1973
20160014412	Apollo 17 Index of Mapping Camera and Panoramic Camera Photographs	1973
20160014757	Apollo 17 Lunar Module Onboard Voice Transcription: Recorded on the Data Storage Equipment Assembly (DSEA)	1973
19740005648	Evaluation program for secondary spacecraft cells: Initial evaluation tests of Gulton Industries, Incorporated, 20.0 ampere-hour nickel-cadmium spacecraft cells with auxiliary electrodes	1974
19740005659	Clinical aspects of drug-induced diseases of the liver	1974
19740005660	Morphological changes in muscles and nerves of the extremities under conditions of overtraining	1974
19740005664	X-ray kymographic investigations of the central circulatory organs in therapeutic baths and in hydrostatic pressure elevation. Their technology, results and potential developments: A review	1974
19740005665	Efferent innervation of the vestibule	1974
19740005695	The influence of the utricle and the efferent vestibular activity on the spontaneous afferent activity of the nerves of the horizontal canal and the anterior vertical canal in the frog	1974
19740005697	Macrometric changes in the makeup of the human body in hypodynamia	1974
19740005698	Deficiency in retention of conditioning after deprivation of paradoxical sleep in rats	1974
19740005699	Effect of acquisition level on increased paradoxical sleep duration due to avoidance conditioning in the rat	1974
19740005976	The earth's hydromagnetic dynamo	1974
19740006410	Transfer of long wave radiation in the lower atmosphere of Venus	1974
19740006411	Interpretation of the measurement of illumination on the Venera 8 interplanetary automatic station	1974
19740006569	Economics of air transport	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740006712	The effect of physical exercise on binding of corticosteroids by transcortin in plasma	1974
19740006713	Effect of prolonged hypokinesia on certain functions of the otorhinolaryngological organs	1974
19740006714	Drug metabolism and foreign matter hydroxylase (cytochrome P-450) in severe hepatic damage in man	1974
19740006715	Study of venous tonus in the forearm during simulated weightlessness	1974
19740006716	Water and saline balances during prolonged immersion in a water bath	1974
19740006717	The efferent innervation of the vestibular receptors	1974
19740006719	Certain results of the medico-biological investigation conducted in the Gemini and Apollo programs: Change in weight and indices of the cardiovascular system in astronauts	1974
19740006720	Measurement of the stroke volume by an integral rheogram of the human body	1974
19740006721	Some results of biomedical investigations conducted during the Gemini and Apollo programs (alterations in blood and skeletal apparatus, mineral and electrolyte metabolism in the astronauts)	1974
19740006749	Finding the most consistent molecular weight by analysis of the amino acids of a protein	1974
19740006752	On the structure of phosphorus compounds	1974
19740006785	Circular energy vortex in the near field of a directional antenna	1974
19740006844	Electronics in Soviet health resorts	1974
19740006850	Questionnaire survey of approach light	1974
19740006957	Oil exploration subprogram geological interpretation of images provided by the ERTS-A satellite	1974
19740006959	Tectonic physics subprogram structural geology of Bolivia's northern high plateau (southern Peru and northern Chile)	1974
19740007021	A robot on the ladder of evolution	1974
19740007076	Interaction of interstitial impurities with iron subgroup metals in as-cast molybdenum-based dilute solid solutions	1974
19740007170	Electrode polarization in fused silicates and the formation of bivalent silicon	1974
19740007323	The effect of surface conditions on reflection and scintillation spectra of CdS crystals	1974
19740007395	On the threshold of the joint flight	1974
19740007549	Basic experiments in temperature regulation	1974
19740007580	Will there be a meeting with other intelligent beings?	1974
19740007605	Reduction of aircraft noise in the vicinity of airports	1974
19740007621	Wind energy: Its value and the choice of site for exploitation	1974
19740007622	Practical experience with a digital electrohydraulic actuator	1974
19740007623	The dynamic behavior of a digital electrohydraulic actuator	1974
19740007626	High powered electrical power generation by wind motors	1974
19740007627	Neuwerk windmill power generation plant	1974
19740007628	Economy and practical applications of large wind-driven power plants, part 1	1974
19740007629	Wind-powered machines	1974
19740007630	Wind power plants in Russia	1974
19740007632	Observations on modern wind-electric power plants	1974
19740007633	Importance and progress of wind power utilization in Denmark	1974
19740007634	Characteristic lines (yearly permanent level lines) and characteristic wind variables for wind energy production	1974
19740007635	Method of calculation of annual overall efficiency of modern wind-power plants	1974
19740007636	Problems in the electrical equipment of wind power plants	1974
19740007637	The large scale wind driven electrical generating station	1974
19740007638	Utilization of wind power with Ward-Leonard type circuit in inverted operation	1974
19740007639	Utilization of wind power in agriculture in the USSR	1974
19740007640	Progress in the utilization of wind power	1974
19740007641	Importance and progress of wind power utilization in Denmark	1974
19740007642	Medium-capacity air motor pilot plant with hydraulic energy accumulation by pumping	1974
19740007643	Utilization of wind power	1974
19740007644	The direct driving of synchronous generators by large scale wind electrical power generating plants in parallel operation with a synchronizing network, part 1	1974
19740007645	The importance of and progress in the utilization of wind power in Denmark	1974
19740007646	Application of wind power to rational generation of electricity	1974
19740007647	Investigation of the possibilities of using wind power	1974
19740007648	Air power plants in Russia and the United States (from Dimitry Stein, Elektrizitaetswirtsch., volume 40, no. 16, 1941)	1974
19740007649	Parallel operation of a synchronous generator and an infinitely high-powered network when driven by a Honnef-Gross wind turbine	1974
19740007650	Antenna towers as wind tower generation plants	1974
19740007651	Wind energy	1974
19740007652	Using large wind power plants to directly drive synchronous generators in parallel operation with a governing network	1974
19740007653	Prospects for the utilization of wind energy in Czechoslovakia	1974
19740007654	New wind power station	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740007655	Wind-power supply for the decimeter range directional radio site at Schoeneberg (Eifel) and the experience gained	1974
19740007656	The utilization of the wind energy	1974
19740007657	Small wind-electrical installations for export	1974
19740007669	The effect of peroxide oxidation of microsomal lipids on the spectral characteristics of cytochrome P-450	1974
19740007670	Effect of immobilization on the urinary excretion of calcium	1974
19740007671	Microbiological indicators of sterilization: General principles	1974
19740007673	Investigation of staphylococcal fibrinolysin	1974
19740007674	Quantitative determination of fibrinolysin in staphylococci with a fibrinogen coagulase solution	1974
19740007675	The role played by paradoxical sleep in memory retention	1974
19740007684	High altitude and space suits	1974
19740007685	Living on another planet	1974
19740007826	Ames research facilities summary 1974	1974
19740007832	The launching pad of the Baykonur cosmodrome	1974
19740007854	Flow visualization: Optical methods of analyzing flows	1974
19740007985	A simple apparatus for the measurement of the activity of quick acting disinfecting or sterilizing solutions and its application to the measurement of the action of sodium hypochlorite on bacterial spores	1974
19740008035	Comparative study of the economy aspects of a digital electrohydraulic actuator	1974
19740008038	Influence of the chemical structure of phosphorus-based EP additives on their effectiveness	1974
19740008107	Investigation of the dissolution process of oxide films in titanium	1974
19740008162	Hilbert modular functions and Dirichlet series with Euler products	1974
19740008211	The Meteor space system	1974
19740008254	Ultimate performance of the fixed-beacon position-finding system	1974
19740008350	Metastable mixed crystals with quartz structure with the oxide system Li ₂ O-MgO-ZnO-Al ₂ O ₃ -SiO ₂	1974
19740008418	Rendezvous in space	1974
19740008420	Lunar surface chemical composition in the region of the activity of Lunokhod-2	1974
19740008421	From spacecraft to spacecraft	1974
19740008437	The Soviet space shuttle	1974
19740008570	Space research: Effect on science and technology	1974
19740008610	Analytical study of the performance of a gust alleviation system with a vane sensor	1974
19740008611	Application of the method of integrating matrices for calculating the natural oscillations of a propeller blade with consideration of deflection in two planes and twisting	1974
19740008643	Exploitation of wind energy	1974
19740008688	Using the energy of the wind for electrification	1974
19740008689	The economy and practicality of large scale wind generation stations (conclusion)	1974
19740008690	A wind plant to power sea signals	1974
19740008707	Resistance and disease. Problems of general pathology	1974
19740008708	The pathogenic effect of electrical current	1974
19740008709	Experimental restraint ulcer in the white rat. 3: Study and analysis of the part played by certain psychological factors	1974
19740008710	Change in respiration of rat liver mitochondria during prolonged hypokinesia	1974
19740008711	Changes in the gas metabolism, gas homeostasis and tissue respiration in the rat during prolonged hypokinesia	1974
19740008712	The mechanism of development of aortic aneurysm in rabbits during limitation of their mobility	1974
19740008728	An improved mechanical plethysmograph for the hand and distal forearm	1974
19740008729	A simple device for collecting blood samples from subjects undergoing acceleration in a centrifuge	1974
19740008776	Lunar radio emission in the 1.25 to 2.5 cm band	1974
19740008777	Analysis of radio wave propagation in the Venusian atmosphere	1974
19740008778	Recovery of analog signal shapes from discrete readings	1974
19740008881	The design and construction of an anechoic chamber lined with panels for investigation of aerodynamic noise	1974
19740008898	Aerodynamics of rarefied gases	1974
19740008997	Theory of oscillation of the earth's atmosphere	1974
19740009081	Investigations on elastohydrodynamical lubrication film thickness for elliptical Hertz contact surfaces	1974
19740009101	The pathogenic action of quantum generators (lasers)	1974
19740009127	The stress corrosion susceptibility of several alloys in hydrazine fuels	1974
19740009356	The role of surface states in the formation of a Schottky barrier at a metal/gallium arsenide contact	1974
19740009423	Philosophy and physical theory	1974
19740009634	Experimental study of a wing profile with Fowler flaps and slats	1974
19740009644	Improvement of maneuverability at high subsonic speeds	1974
19740009673	DC generator for Kolkhoz wind powered generators	1974
19740009674	The present status of Honnef wind power plants	1974
19740009676	The dc generators for utilizing wind power	1974
19740009679	Wind power, part 2 - economic feasibility, 1949	1974
19740009695	Pathogenic action of the atmosphere	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740009696	Experimental ulcers induced by forced immobilization in the white rat. 2: Anatomopathology of the gastric lesions development of ulcerations after ending immobilization	1974
19740009697	Paradox of sleep memorization in rats as a result of delayed sleep	1974
19740009698	The physiological effects of acceleration on astronauts	1974
19740009699	Gastric ulcers in rats caused by restraint in a metal tube	1974
19740009700	Lesions of the digestive system determined by forced immobilization in pigs	1974
19740009701	Repercussions of restraint on thermal regulation in the white rat kept at different environmental temperatures	1974
19740009702	The course of traumatic shock in dogs sustaining prolonged hypodynamia	1974
19740009703	Contribution to the study of the action of the adrenocortical glands on the production of gastric ulcerations in the rat by prolonged immobility	1974
19740009705	Kinetoses	1974
19740009731	New techniques for producing gastric ulcerations in the white rat: The ulcer of constraint	1974
19740009732	Dependence of pathomorphological changes in the gastric mucosa on the functional condition of the cortex and subcortical formations of the brain	1974
19740009733	The synthesis of adenosine-5-chloracetophonate: A specific inhibitor of acetyl-CoA-synthetase	1974
19740009755	A modified Benedict-Webb-Rubin equation of state for parahydrogen	1974
19740009845	Concerning the performance data of a reverberation chamber	1974
19740009858	Heat transfer between laminar liquid jet and a flat surface	1974
19740009859	Experimental investigation of local heat transfer from a plate in the region of laminar to turbulent boundary layer transition	1974
19740010062	Effects of superplasticity of titanium and its alloys and the use of this phenomenon in welding in the solid state	1974
19740010063	Corrosion of Oxygen-Doped Tantalum by Lithium	1974
19740010261	Injection currents in semiconductors with deep polarizable impurity centers	1974
19740010289	New materials for aircraft turbomachinery	1974
19740010311	Solar magnetic field measurements	1974
19740010377	An interpretation of the distribution of craters in the visible portion of the lunar surface	1974
19740010385	Salyut space station in orbit	1974
19740010621	Evaluation program for secondary spacecraft cells	1974
19740010630	The effect of weightlessness and decreased gravitation	1974
19740010631	The effect of repeated restrictions of motor activity upon systolic blood pressure of albino rats	1974
19740010638	A new method to produce aortic aneurysms in rabbits by experimentally restricting their movement	1974
19740010639	Effect of shock waves	1974
19740010640	X-ray cinematographic studies of the central circulatory organs during therapeutic baths and during hydrostatic pressure increase. Their technique, results and developmental possibilities	1974
19740010682	Problems of space biology. Volume 24. The water supply of spacecraft crews	1974
19740010804	Results of the combined application of boundary layer and profile theory	1974
19740010902	A few considerations on the ERTS no. 1 pictures of the Wet Pampa Area: The Republic of Argentina	1974
19740010904	Scattering and attenuation of electromagnetic radiation by atmospheric particles	1974
19740010909	Optical investigations of the atmosphere using artificial satellites	1974
19740010930	Study of statistical characteristics of sea wave slopes according to charts of wave stereophotography	1974
19740010931	Studies of the environment from space	1974
19740010973	One method of restoration of the value of a calibration signal	1974
19740011309	Infrared spectra of the radiation of the earth into outer space	1974
19740011322	Estimates of the intensity of turbulence in the atmospheres of Mars and Venus	1974
19740011362	Current concepts regarding the moon	1974
19740011363	Preliminary data on the lunar soil collected by the Luna 16 automatic probe	1974
19740011371	A unified system of selenodetic coordinates from nine catalogues on the visible hemisphere of the moon	1974
19740011381	Thermal regime and convective motions in the lower layers of the Venusian atmosphere	1974
19740011382	From hypothesis to fact: The Earth-Mars experiment	1974
19740011384	Soyuz 13: The stars, the earth and weightlessness	1974
19740011528	Direct calculation of airfoils from pressure distribution	1974
19740011548	Tupolev 144 and Concorde: The official performances are compared for the first time	1974
19740011553	Civil aviation in the USSR (the fiftieth anniversary of its formation)	1974
19740011556	Aircraft of the future	1974
19740011594	Synchronous-flow generator	1974
19740011595	Analysis of the possible use of wind power in Sweden. Part 1: Wind power resources, theory of wind-power machines, preliminary model 1 and 10 MW wind generators	1974
19740011596	High wind power plants	1974
19740011597	Report of the Wind Power Committee of 1962	1974
19740011608	Acute blood loss	1974
19740011609	Experimental restraint ulcer in the white rat. 1: Methods, incidence of lesions, and modifications by certain technical and pharmacodynamic techniques	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740011610	The content of ascorbic acid in the adrenal glands and the production of corticosteroids in vitro in irradiated, immobilized, and hypophysectomized rats	1974
19740011611	Radiation hazard in space	1974
19740011612	Morphometric, physiological, histological, and biochemical changes in rat foot extensors immobilized by plaster	1974
19740011615	Clinical and experimental investigations with Sernyl and Combelen for immobilization of ruminants	1974
19740011639	Influence of prolonged hypodynamia on certain physiological functions in dogs	1974
19740011647	Cross-acclimatization between body training and altitude tolerance	1974
19740011649	Catalysis and life-support systems in outer space	1974
19740011662	Synthesis and properties of polyphthalimides	1974
19740011692	SMS operations-equipment preparation	1974
19740011721	Multi Access Conversational System (MACS)	1974
19740011726	Signal harmonic analysis using the HP 2116 B computer	1974
19740011791	Stability and decay of free vortices behind a wing	1974
19740011848	Determination of the shape of the earth's physical surface from the anomalies of the vertical gradient of gravitational acceleration	1974
19740011853	Determination of physical characteristics of surface soil layer according to radio thermal emission	1974
19740011854	Space ecology (based on materials of 22d International Congress on Astronautics)	1974
19740011855	Determination of certain characteristics of soil according to microwave radiation data	1974
19740011856	Advanced results of the first expedition after a program of complex energy experiments (Kenex-70)	1974
19740011857	Remote detection of pollution of water reservoirs and phytoplankton by optical methods	1974
19740011858	Cosmic distance indication of the natural environment	1974
19740012040	Development of elastic elastomeric fiber	1974
19740012043	Development of single crystal ceramic fibers	1974
19740012060	Recognition algorithm for objects described by sets of feature measurements	1974
19740012385	Thermodynamic characteristics of the lower atmosphere of Venus according to the results of experiments by the descent modules AMS of Venera-4	1974
19740012386	Certain characteristics of the fields of the outgoing thermal radiation of the Venus and Mars atmosphere	1974
19740012410	Venus	1974
19740012411	Investigation of the chemical composition of the atmosphere of Venus by the Venera-4 automatic station	1974
19740012413	The meteorology of Mars	1974
19740012437	Prognoz, automatic stations	1974
19740012449	Variational methods in the theory of plasticity	1974
19740012477	Reliability of existing methods for calculating the heat transfer between the gas and a cooled turbine blade	1974
19740012481	Heat transfer intensity in the condensation section of a heat pipe	1974
19740012496	NASA patent abstracts bibliography: A continuing bibliography. Section 1: Abstracts (supplement 04)	1974
19740012555	The Do 31 landing loads during vertical landing and their consequences for future V/STOL developments	1974
19740012556	Results and information obtained regarding aerodynamic jet interference associated with the Do 31 V/STOL jet transport aircraft and their application to future V/STOL development	1974
19740012565	Flight Investigation of Lateral-Directional Flying Qualities and Control Power Requirements for STOL Landing Approach Using the X-22A Aircraft	1974
19740012575	A Review of the X-22A Variable Stability Aircraft and Research Facility	1974
19740012587	Supplement to the report on the results achieved with SEAS' experimental mill	1974
19740012588	Lines of development of rural wind power plants	1974
19740012608	The effect of hypodynamia and hypokinesia on the arterial tree of the pelvic muscles of the rabbit's extremities	1974
19740012609	Projections of the ampullary cristae of the utricle in the primary centers of the vestibule. Microphysiological study and anatomofunctional correlations	1974
19740012643	Escape problems and manoeuvres in combat aircraft	1974
19740012740	Random access radio communication and multiprocessor computing structures of ALOHA system	1974
19740012752	Electrical conductivity of ion exchange membranes and the inhomogeneity of their structure	1974
19740012847	Microwave radiometer-scatterometer measurements	1974
19740013117	Basic elements of power spectral analysis	1974
19740013199	Effect of adsorbed water films on the Van der Waals force between quartz glass surfaces	1974
19740013292	A model combining the polar and the sector structured solar magnetic fields	1974
19740013294	Green corona and solar sector structure	1974
19740013392	Effects of interplanetary shock waves on energetic charged particles	1974
19740013434	Tensile behavior of boron/epoxy reinforced 7075-T6 aluminum alloy at elevated temperatures	1974
19740013518	Process and device for adaptation of sharp leading edge airfoils to any speed, subsonic or supersonic	1974
19740013519	Numerical investigation of vortex sheets issuing from a separation line near the leading edge	1974
19740013533	A method for avoiding insect roughness on aircraft	1974
19740013537	Near field and far field sound radiation from Do 31 V/STOL jet transport and possibilities for noise abatement in future V/STOL development	1974
19740013538	VSTOL aircraft stability and control experience from methods and results of Do 31 flight tests	1974
19740013564	Wind power turbogenerator for high altitude wind utilization	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740013565	The present state of planning and erection of large experimental wind-power stations	1974
19740013566	Studies of the utilization of wind energy: The use of dc generator/mercury-vapor inverter sets connected to ac networks	1974
19740013567	Report on results achieved with SEAS experimental mill	1974
19740013568	This is how you can heat your home with a little windmill	1974
19740013569	Wind electric power station	1974
19740013587	The function of thermoregulation in protracted limitation of motor activity (hypokinesia)	1974
19740013588	Method for rapid determination of transport parameters of CO ₂ in man using the capnograph and multichannel respiratory mask	1974
19740013589	The minute volume of the heart in various types of bath	1974
19740013590	Morphological and biochemical changes in rabbits subjected to considerable limitation of mobility	1974
19740013591	Cardiac deconditioning during prolonged hypodynamia	1974
19740013592	The dangers of staying in bed (the deleterious effects of bed rest)	1974
19740013593	A new method of evaluating rheoencephalograms and its application in the study of vertigo	1974
19740013594	Changes in cerebral circulation induced by hypnotization of the rabbit by the immobilization method	1974
19740013595	Bionics: Theoretical and practical problems	1974
19740013596	Participation of thyroid gland hormones in the mechanism of development of trophic disturbances of the gastric mucosa in rats resulting from their prolonged immobilization	1974
19740013598	Computer Diagnosis	1974
19740013602	Comparative study of the effects of salts on four enzymes from the extreme halophile bacteria of halobacterium cutirubrum	1974
19740013603	Positive habituation and vestibular recruitment	1974
19740013604	Studies in geomagnetism, aeronomy and solar physics (problems of heliobiology and the biological effect of magnetic fields) no. 17	1974
19740013621	Walking in open space	1974
19740013622	Ergonomics: A new science for man	1974
19740013624	Flight dictates training	1974
19740013626	Study of the operative rest state in man	1974
19740013659	The creation of a stable pH gradient in a nonelectrolyte buffer solution mixture. The use of this system for the isoelectric focusing of albumin and hemoglobin	1974
19740013660	Polarographic investigation of slags, report 2	1974
19740013683	Influence of statically uneven underlying surface upon radiation characteristics of phased antenna array	1974
19740013684	Restoration of the shape of analog signals by discrete readings	1974
19740013690	Thunderstorms and ground-based radio noise as observed by radio astronomy Explorer 1	1974
19740013740	Design and mechanism on an autocathode	1974
19740013784	Test stands for studying technological processes under simulated space conditions	1974
19740013814	A procedure for the direct numerical simulation of turbulent flows in plate and annular channels and its application in the development of turbulence models	1974
19740013915	Effect of energetic atomic oxygen and nitrogen on neutral density models	1974
19740013987	Methods of filtering photographic images and the possibility of their use in geology	1974
19740014024	Magnetic bearings for high speed rotors	1974
19740014025	Diffusion welding in aviation technology	1974
19740014026	Experiments and observations on sterilization of thermolabile objects with peracetic acid	1974
19740014089	Computer calculated phase diagrams for the Ni-W-Al, Ni-Al-Hf, Ni-Cr-Hf and Co(Cr, Ni)-Ta-C systems	1974
19740014199	Studies of heat resistant materials for high-temperature gas reactor	1974
19740014239	Measurement of turbulent HF fields in a high current rectilinear gas discharge from the intensity of forbidden Hel lines	1974
19740014240	Investigation of a penning discharge at low pressure	1974
19740014241	Thermal relaxation of a two dimensional plasma in a dc magnetic field. Part 1: Theory	1974
19740014298	Development of Russian rocket engine technology	1974
19740014312	Cosmic ray studies aboard artificial earth satellites	1974
19740014327	Mars in the eyes of geologists	1974
19740014329	The gas production of comets	1974
19740014330	The Soviet-American space experiment	1974
19740014331	Lunokhod-2 on the lunar continent	1974
19740014332	Estimates of water content in the atmosphere of Venus according to data from radio-astronomical measurements and space probes	1974
19740014333	Measurement of low-energy particles by the Mars-2 and Mars-3 planetary probes. 2: Preliminary results	1974
19740014353	Measurement of a variables in the integral electron concentration on the Mars-2 communication line by the dispersion interferometer method	1974
19740014354	Mars-3: Astrophysical study of the lower atmosphere and planet surface	1974
19740014359	Indications of the eruptive development of planetary bodies	1974
19740014362	Space research in the Ukraine. Part 2: Space mechanics and control systems	1974
19740014476	Space investigations: Their effect on science and technology	1974
19740014493	Establishment of the Academy of Sciences in Russia	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740014523	Remotely piloted vehicles: Necessity, wishful thinking or plaything	1974
19740014590	The measurement of large wind energy generators	1974
19740014595	Statistical summary and evaluation of ventoelectric power station output (part 2 of 2)	1974
19740014596	Meeting future peak electrical energy demands by means of electrochemical storage systems	1974
19740014602	Pathological physiology of extremal states in exogenic intoxications	1974
19740014603	The Motor Present state in man under water immersion conditions	1974
19740014604	The bed	1974
19740014605	Analysis of cardiac rhythm during atherosclerosis and hypertonia in surgical patients using a specialized computer	1974
19740014606	Sense and nonsense about bed rest as a therapeutic measure	1974
19740014607	The effect of prolonged bodily inactivity on carbohydrate tolerance	1974
19740014608	The problem of structural analysis of biological rhythms	1974
19740014609	A study on the role of the brain in the establishment of adaptation to repeated immobilization stress. Part 1: Changes in brain activity and bodily functions under repeated immobilization stress	1974
19740014610	The effect of local application of Ca, K, and Na on the temperature center stimulated by various pyrogenic substances	1974
19740014616	The effect of pathogenic factors of the Arctic, Antarctica and aquanautics	1974
19740014617	The heart in obesity, clinic	1974
19740014618	Essential obesity	1974
19740014639	Pathophysiological changes in bed rest	1974
19740014640	Mental states during prolonged hypokinesia	1974
19740014641	Energy transformation and pulse rate with negative muscular work	1974
19740014642	Hematological adjustment to high altitudes	1974
19740014643	Function and respiratory rhythm in obese people	1974
19740014644	Measurement of end-expiratory lung volume (FRC) during exercise	1974
19740014645	Myogenic causes of hemolysis	1974
19740014646	Pathogenesis of traumatic shock and crushing disease	1974
19740014647	Bed rest and nitrogen balance	1974
19740014648	Diagnosis of orthostatic hypotonicity	1974
19740014649	Changes in the concentration of potassium, sodium and calcium as the result of endurance effort	1974
19740014662	Subjective and objective evaluation of machinery noise	1974
19740014664	Who should be entrusted with an interplanetary spacecraft?	1974
19740014672	The efficiency of locomotion	1974
19740014674	The partial simulation of weightlessness in water	1974
19740014687	Gas chromatographic determination of the products of destruction of polymer materials by radiation sterilization	1974
19740014688	Presence and regulation of the synthesis of two alcohol dehydrogenases from saccharomyces cerevisiae	1974
19740014741	Processing of information in organisms: Pattern recognition, conceptualization and problem solving	1974
19740014796	Errors in wall friction measurements performed with the aid of a floating element balance in a turbulent flow with a moderate adverse pressure gradient	1974
19740014862	Petrologic investigations in the Ries: Variegated breccia	1974
19740014940	Development possibilities for topographic overview maps (scale 1:500,000)	1974
19740015100	A language for calculating the orientation of a spacecraft	1974
19740015113	The Fourth National Conference on Acoustics. Volume 2, B. Ultrasonics	1974
19740015155	Effect of size of glare source on disability glare at small glare angles	1974
19740015156	Inertia of loudness measurement in relation to sound level	1974
19740015157	The annoyance of noise of different bandwidths	1974
19740015158	Audibility limits for amplitude and frequency modulation of a tone	1974
19740015159	The influence of the temporal structure of tones on the addition of partial loudnesses	1974
19740015160	A comparison of methods for calculating the loudness level	1974
19740015178	Broadening of spectral lines in a homogeneous (coupling width)	1974
19740015255	Instruments for the astrophysical investigations of Mars	1974
19740015256	Measurements of low energy particles by the Mars-2 and Mars-3 planetary probes	1974
19740015257	Portrait of the planet Mars	1974
19740015260	Ammonia content in the Venus atmosphere according to data from the Venera-8 planetary probe	1974
19740015262	Optical properties of the lower atmosphere of Venus (On the interpretation of the measurements for the Venera-8 automatic interplanetary station)	1974
19740015275	Evaluation program for secondary spacecraft cells. Initial evaluation tests of General Electric Company 8.0 ampere-hour nickel-cadmium spacecraft cells with auxiliary electrodes for the Small Astronomy Satellite (SAS-C)	1974
19740015278	Architecture of a stellar home	1974
19740015339	Temperature fields in profile samples during thermal fatigue testing	1974
19740015355	A transient process during the combustion of a condensed material	1974
19740015375	Space: Industry of research and flights	1974
19740015396	The creative life of S. V. Il'yushin	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740017426	Aerospace vehicles as objects of control	1974
19740017451	Longitudinal motion of an airliner during steep approach	1974
19740017452	Effects of new approach procedures on cockpit design and chances for realization	1974
19740017453	Flight-mechanics problems during landing approach with direct lift control, exemplified by HFB 320 Hansa	1974
19740017481	General principles of designing control systems	1974
19740017504	Wind generating stations under joint operational conditions	1974
19740017505	Statistical summary and evaluation on electric power generation from wind power stations	1974
19740017515	Blood supply change in the area of the lower extremities as result of inactivity and its control by trasylol	1974
19740017516	Metabolism of lipids and glucides in the white rat during two types of stress: Forced immobilization and heat variations	1974
19740017517	Blood temperature and heat regulation	1974
19740017518	Contribution on the therapy of systemic Lupus erythematosus with a combination of cyclophosphamide (Endoxan) and corticosteroids	1974
19740017519	Spinal injury after ejection	1974
19740017539	A method of catalytic removal of organic and carbon monoxide from gases	1974
19740017540	Mass-spectrometric determination of surface contaminants	1974
19740017559	High-temperature dielectric properties of candidate space shuttle thermal protection system and antenna window materials	1974
19740017621	Input-Output system in basic language for the HP 2116B computer	1974
19740017766	On evaluating compliance with air pollution levels not to be exceeded more than once per year	1974
19740017776	Hydrological basis for forecasting and calculating runoff by space images of the earth's surface	1974
19740017777	The calculation of cloud shadows in modeling of the earth's surface from space survey	1974
19740017778	The accuracy of satellite temperature sounding of the atmosphere	1974
19740017779	Identification and evolution of a dust-sand storm above north Africa from meteorological satellite pictures	1974
19740017787	Examination of some physical and biological differences of Cape Kennedy soil particles	1974
19740017839	A film thermocouple with a platinum electrode for thermometry of gas turbine engine blades	1974
19740017840	The effect of clouds on the identification of the earth's surface in visual observations and photography from space	1974
19740017998	System of indications of meteorological research efficiency	1974
19740018037	Flight path control equipment for producing curved flight path profiles with microwave landing systems	1974
19740018038	Design study of an electronic landing display for STOL aircraft	1974
19740018050	Optical-mechanical analogy	1974
19740018075	Investigation of the process of simple wave inversion in an anisotropic plasma	1974
19740018124	An Analytical Study of Reduced-Gravity Propellant Settling	1974
19740018162	The earth as a radio source: Terrestrial kilometric radiation	1974
19740018182	A working model of the atmosphere of Venus	1974
19740018185	Results of radio emission observation from the planet Mars according to data of the experiment on the Mars-3 automatic space station	1974
19740018219	Ten European countries build the launcher Ariane	1974
19740018220	Study of the problems of takeoff of a spacecraft from the surface of Mars	1974
19740018276	Measurements of liner cooling effectiveness within a full scale double-annular ram-induction combustor	1974
19740018279	Determination of the boundary conditions at the surface of bodies subjected to alternating thermal effects	1974
19740018302	Aeronautics and Space Report of the President: 1973 Activities	1974
19740018310	Investigations on rolling damping of slender wings	1974
19740018324	Problems involved in developing an integrated flight control system with emphasis on curved flight path profiles	1974
19740018389	Evaluation program for secondary spacecraft cells: Cycle life test	1974
19740018399	Operating conditions and types of wind-power electric substations for rural areas	1974
19740018478	Cardiac output and oxygen intake at rest and during submaximal loads on 8-14 year old boys	1974
19740018481	The effect of factors related to the conquest of space	1974
19740018482	The Fourth National Conference on Acoustics. Volume 3: Physiological, psychological and biological acoustics	1974
19740018504	Functions of the central nervous system under the combined effect of stress factors: Ionizing radiation, accelerations and vibration	1974
19740018507	Aquatic plant survives in simulated Jovian atmosphere. First studies concerning the assimilation of C-14 methane by <i>Elodea canadensis</i>	1974
19740018592	Computer-assisted instruction in programming: AID	1974
19740018593	Student performance in computer-assisted instruction in programming	1974
19740018594	Providing software support for computer-assisted instruction	1974
19740018595	Computer-assisted instruction in programming: A curriculum description	1974
19740018596	Some 100 programming problems: With a description of the programming language AID	1974
19740018597	Comparison of student performance and attitude under three lesson-selection strategies in computer-assisted instruction	1974
19740018685	Experimental investigation of the flow field of a hot turbulent jet with lateral flow, part 1	1974
19740018687	The role of cavitation in mechanical failures	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740018707	Generation and suppression turbulence in an axisymmetric turbulent jet in the presence of an acoustic influence	1974
19740018766	Use of laser sounding to determine certain atmospheric characteristics	1974
19740018865	Effects of solid particles in oil on the life of ball bearings	1974
19740018904	Alloy softening in body-centered cubic metals	1974
19740018970	The 1973 variations of hurricane heat potential in the Philippine Sea and the Gulf of Mexico	1974
19740019057	Bad weather landing today: Its problems and limitations	1974
19740019104	A study of elastic scattering and deactivation of metastable nitrogen molecules	1974
19740019195	Solar energy and the seasonal thermocline	1974
19740019221	The atmosphere of Mars in the landing area of the descent apparatus of Mars-6 (preliminary results)	1974
19740019278	Artificial earth satellites investigate the environment	1974
19740019366	Wind tunnel investigations aimed at devising tests of aircraft spin	1974
19740019369	S. A. Chaplygin and wing lift	1974
19740019370	Analysis of the aerodynamic characteristics of devices for increasing wing lift. 3: Influence of ground proximity on the aerodynamic characteristics of the flaps	1974
19740019371	Turbulent lift. Comments on some preliminary wind tunnel tests	1974
19740019380	Flight control problems for steep approaches	1974
19740019390	On the use of branch modes for the calculation of helicopter structural dynamic characteristics	1974
19740019434	Effect of coriolis acceleration accumulation on catecholamine excretion	1974
19740019435	Nitrogen metabolism in erythrocyte maturation; residual nitrogen formation and hemoglobin synthesis	1974
19740019436	Tolerance to rotation with continuous and intermittent head movements	1974
19740019442	Proteolytic enzymes and protein metabolism in rabbit erythrocytes during cell maturation in vivo	1974
19740019461	Cardiac rhythm computer analysis techniques	1974
19740019503	Optimum signal reception and the potential accuracy of space measuring complexes	1974
19740019505	Outline of radiative transfer theories applicable to propagation in the sea	1974
19740019509	Low cost VHRR/AVHRR ground station study program	1974
19740019697	Space-time characteristics of the field of long wave radiation in the atmosphere	1974
19740019709	Introduction to the electromagnetism of the sea	1974
19740019710	Thermal flux and an estimate of the coefficient of helium release from the earth's crust into the atmosphere	1974
19740019757	Application of space techniques to natural resources study and environmental monitoring: An aircraft experiment	1974
19740019813	Laser gyroscopes	1974
19740019890	Space Studies in the Ukraine. Number 1: Space Materials Studies and Technology	1974
19740019906	Calculation of the Hydrodynamic and Heat Transfer Processes Occurring During Filling, Pressurizing, and Emptying of Cryogenic Vessels	1974
19740019947	The role of orbital manned stations in weather service	1974
19740019948	Use of cloud pictures in cyclogenesis forecasting	1974
19740019960	Meteorological observations aboard the Salyut orbiting station	1974
19740019961	GARP Atlantic tropical experiment and radiation factors in the weather and climate	1974
19740019987	Some particulars of the landing aids DLS and SETAC	1974
19740019988	Safety during automatic landing with poor visibility	1974
19740020002	The Fourth National Conference on Acoustics. Volume 1, C: Room and Architectural Acoustics	1974
19740020008	Aspects of Checking Installations for the Noise Level of Electronic Equipment	1974
19740020020	Light scattering in seawater. Experimental results and theoretical approach	1974
19740020022	Physical, chemical and biological factors affecting the propagation of light in seawater	1974
19740020073	A model of the effect of the satellite photosheath on a double floating probe system	1974
19740020091	Development of methods for systematic control of carrier lifetime in silicon slices	1974
19740020158	The internal structure of the earth, moon and planets	1974
19740020159	Space research in the Ukraine. No. 3: Space physics and astronomy	1974
19740020174	Applied problems of space ballistics	1974
19740020175	Analysis of flight trajectories using the gravitational field of Jupiter	1974
19740020176	Entrance corridors into the atmosphere of a planet with execution of the spacecraft capture maneuver by aerodynamic braking	1974
19740020177	On calculating the parallax of a distant artificial space object	1974
19740020178	An a posteriori algorithm for filtering interfering parameters for independent space navigation	1974
19740020179	Methods for determining and predicting Artificial Earth Satellite (AES) orbits with errors present in the mathematical description of the motion	1974
19740020180	Statistical analysis of the daily mean fluctuations of the parameters for the upper atmosphere of the earth	1974
19740020181	Evaluation of the accuracy in predicting short-period variations of the atmospheric density	1974
19740020182	Semiannual variations of the atmospheric density at altitude of 200-300 km	1974
19740020183	Aerodynamics of satellites and the determination of the surface-flux interaction parameters from AES Kosmos-166 and Kosmos-230 drag in the upper atmosphere of the earth	1974
19740020184	Modifications of Jacchia's static diffusion models of the upper atmosphere	1974
19740020199	Interplanetary flight prediction	1974
19740020200	Algorithms for calculating the orientation of the Prognoz artificial earth satellites	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740020233	History of the stratospheric rocket in the USSR	1974
19740020234	History of the development of rocket technology and astronautics in Poland before 1949	1974
19740020235	Coning motion, autorotation and vortex systems of slender missiles	1974
19740020250	The Fourth National Conference on Acoustics. Volume 1A: Noise and vibration control	1974
19740020329	The project management role in safety	1974
19740020345	Variational adjustment of standard and asynchronous satellite data	1974
19740020387	Noise reducing methods for STOL aircraft approach and takeoff	1974
19740020388	Propeller tests in the large sonic wind tunnel of Mondane-Avrieux	1974
19740020392	Experimental study of the aerodynamic noise of airfoils	1974
19740020409	Buffeting tests with a swept wing in the transonic range	1974
19740020410	Spectrum analysis of rotor blades by matrix displacement method and matrix force method	1974
19740020430	Cost effectiveness of tungsten carbide-carbon fuel cells	1974
19740020449	Hemodynamics in obesity: A brief review	1974
19740020450	Acute lupus erythematosus with complete deficiency of the C4 fraction of complement	1974
19740020451	Long term effect on high vacuum on microorganisms	1974
19740020452	Human cytomegalovirus (CMV) and indirect immunofluorescence in disseminated Lupus erythematosus	1974
19740020453	The effect of three day hypodynamia on liver function	1974
19740020483	Studies in Geomagnetism, aeronomy and solar physics (problems of heliobiology and the biological effect of magnetic fields)	1974
19740020507	Studies on the detection of clinically silent involvement of muscle in lupus erythematosus	1974
19740020538	Anion distribution in melted silicates	1974
19740020541	Influence of degree of cation oxidation on separation of a silicate melt	1974
19740020558	Optimization of amplitude characteristics of applied systems of the electrical transmission of images	1974
19740020578	Computer program for solving gains required for steady-state decoupling of elements of longitudinal mode on an airplane	1974
19740020622	Space complex	1974
19740020654	Influence of nozzle contraction on the damping of turbulent pulsations	1974
19740020781	Saltwater intrusion into a flowing stream	1974
19740020880	Distribution equilibria of metals between liquid alloys and salt melts in high temperature polarography	1974
19740020927	Application of quaternions to rigid body rotation problems	1974
19740020988	The initial phase of a tropical cyclone from Soyuz-9 spacecraft pictures	1974
19740020991	A measurement set-up for determining atmospheric turbulence	1974
19740020992	The structure of atmospheric turbulence near the earth's surface	1974
19740021005	A monitor display for automatically regulated steep approaches	1974
19740021029	Acoustic Feedback Phenomena of the Subsonic and Hypersonic Free Jet Impinging on a Foreign Body	1974
19740021122	Powerful gamma ray splashes, a new astronomical discovery	1974
19740021123	Flash-up of cosmic gamma radiation from observations aboard AES Cosmos 461	1974
19740021139	Rocket flight to the moon - from idea to reality	1974
19740021143	Equipment for investigation of secondary electron high frequency discharge at Salyut orbital station: Conduct of experiment and its results	1974
19740021144	Flight to a comet	1974
19740021145	High energy astrophysics	1974
19740021146	Distribution of energy in the solar spectrum and the solar constant	1974
19740021177	Automatic planetary stations	1974
19740021181	Development of rocket construction and astronautics in the USSR	1974
19740021304	SEA's examination of windpower in 1952: Change of a wind power mill from direct current to alternating current production	1974
19740021334	Life in weightlessness biological laboratories in orbit	1974
19740021335	The significance of cumulative coriolis acceleration for tests for expert medical selection	1974
19740021339	Circadian variation in presumably healthy young soldiers	1974
19740021351	Field of vision and simple reaction time during recreation exercises at work	1974
19740021613	A system of conditional relief symbols for lunar topographic maps	1974
19740021622	Ionosonde underlying ionization correction using ionospheric models	1974
19740021773	Introduction to space processing	1974
19740021774	Skylab experiment M552 exothermic brazing	1974
19740021775	Skylab M551 metals melting experiment	1974
19740021776	Skylab M553 sphere forming experiment	1974
19740021777	Skylab experiment M479 zero gravity flammability	1974
19740021778	Introductory remark to M-518 Multipurpose Furnace experiments performed on Skylab	1974
19740021779	Experiment no. M-577 immiscible alloy compositions	1974
19740021780	Silver samples melted in space Skylab experiment M565	1974
19740021781	Preparation of silicon carbide whisker reinforced silver composite material in a weightless environment, Skylab experiment M561	1974
19740021783	Seeded, containerless solidification of indium antimonide	1974
19740021785	Directional solidification of InSbGaSb alloys	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740021788	Skylab experiment M566 copper-aluminum eutectic	1974
19740021789	Halide eutectic growth	1974
19740021790	Science demonstrations on Skylab in the material processing area	1974
19740021791	Materials processing under zero gravity, an assessment after Skylab	1974
19740021941	Synoptic aerological conditions for the occurrence of clear air turbulence	1974
19740022031	Compton scattering induced by relativistic electrons	1974
19740022048	Plasma instabilities and model radio aurora	1974
19740022167	The conquest of outer space in the USSR	1974
19740022172	Trajectories of solar satellite for radio sounding of circumsolar space	1974
19740022184	Electrostatic and electromagnetic turbulence associated with the earth's bow shock	1974
19740022199	The biosatellite: Results of the experiment	1974
19740022311	A simple criterion for reduction of multiple gust loads with acceleration control	1974
19740022312	Comparison of the influence of horizontal and vertical gust interferences on aircraft longitudinal motion	1974
19740022313	Simulation of atmospheric turbulence, in particular its influence on aircraft	1974
19740022321	The aircraft and natural climate conditions	1974
19740022350	Periodic (seasonal and yearly) changes in the organism of rats: Their causes and effects	1974
19740022351	Ecological physiology of animals	1974
19740022352	The energy aspect of the mechanism of enzyme action	1974
19740022353	Study of antinuclear antibodies in subjects with photodermatitis	1974
19740022354	Evolution of the gravireceptor and its investigation under conditions of acceleration and weightlessness	1974
19740022355	Mean lung capacity under increased O2 demand	1974
19740022356	The influence of a zero-calorie diet on cardiac performance in overweight women with normal circulatory systems	1974
19740022357	On the question of pilot deterioration during low altitude flight	1974
19740022358	Predicting resistance to G-forces by the aid of a decompression functional test	1974
19740022359	Respiratory and right heart function in different types of obese patients	1974
19740022360	Treatment of systemic lupus erythematosus with azathioprine	1974
19740022361	Adaptation as a factor modifying the stability of enzymes	1974
19740022362	Alterations in cellular and metabolic processes	1974
19740022375	Man-operator in space	1974
19740022511	External sound field effect on a turbulent layer	1974
19740022559	Photogeologic analysis of ERTS-1 imagery, northern California	1974
19740022591	Certain aspects of the problem of reducing the force of gravity	1974
19740022718	Determination of gravity constants and measurement of certain fine gravity effects	1974
19740022719	Geological-physiographical evaluation of ERTS images from an area in eastern Bolivia and parts of Brazil	1974
19740022728	Heat transfer in the atmosphere	1974
19740022783	A contactless measurement system for continuous recording of temperatures on rotating parts, especially in electrical machines	1974
19740022847	A method of manufacturing refractory materials. Patent application	1974
19740022874	Effect of plastic deformation and phase transformations at negative temperatures on the properties of titanium alloys	1974
19740022883	Phase transformations during thermal treatment of alloy VT18	1974
19740022884	Structural transformations in two-phase titanium alloys	1974
19740022885	Effect of plastic deformation and alloying with small additions of oxygen on the decomposition of metastable beta-phase in the alloy TS6	1974
19740022886	Effect of temperature on the plasticity of titanium	1974
19740022887	Properties of alloy 4201 at elevated temperatures	1974
19740022888	Mechanism of the inhibited failure of plastic titanium alloys	1974
19740022889	Investigation of the effect of certain elements on the high-temperature strength of aluminum-titanium (Ti3Al)	1974
19740022890	Characteristics of the effect of aluminum on the mechanical properties of titanium	1974
19740022926	Digital simulation of random perturbation variables	1974
19740022927	Necessary and sufficient conditions of absolute asymptotic stability of linear systems of differential equations with constant delay	1974
19740022981	The significance of turbulence models for the calculation of the dispersion of ballistic rockets	1974
19740023024	Possibilities of improving conventional Instrument Landing System (ILS)	1974
19740023041	Analytical mechanics of systems with variable mass	1974
19740023170	New data on cosmic rays	1974
19740023185	Reflection and reprocessing of the radiation of an X-ray source by the atmosphere of a normal star in a binary system	1974
19740023195	The moon as a space scientific station	1974
19740023224	The geodesic satellite Starlette	1974
19740023244	Phase and structural variations in titanium under transient loads	1974
19740023380	Propellers and helicopter blades of fiber-reinforced synthetic resin materials	1974
19740023381	Gust measurements on Concorde	1974
19740023389	Noise measurement of the jet and piston engines on the Lala-1 experimental airplane	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740023390	Aircraft noise in residential areas: Measurement and evaluation	1974
19740023418	Are wind-driven power plants possible?	1974
19740023421	Wind power usage in Europe?	1974
19740023422	Utilization of wind energy in Denmark	1974
19740023423	Terrestrial applications of the photovoltaic solar generators	1974
19740023432	The reciprocal exclusion of amyloidosis-disseminated lupus erythematosus	1974
19740023434	Nature of the changes in the tendinous reflexes in athletes	1974
19740023435	Principal forms of intracranial hypotension, second report	1974
19740023436	Change in vascular tone under the influence of hypodynamia	1974
19740023441	The significance of prolonged clinostatic hypodynamia in the clinical picture of nervous diseases	1974
19740023442	Immunological diagnostics and differential diagnosis of lupus erythematosus	1974
19740023443	Ecology of soil microorganisms: Relationship between the number of microorganisms in the soil and their chemical activity	1974
19740023444	Thermophilic and mesophilic aminopeptidases from bacillus stearothermophilus	1974
19740023445	Immunofluorescence in the field of lupus erythematosus	1974
19740023446	Geochemical activity of microorganisms in mineral deposits	1974
19740023447	Pharmacological and physiological studies on perspiration centers. 3: Effect of the medula oblongata on sweat excretion and body temperature	1974
19740023448	Occurrence of virus-like particle in lymph nodes with lupus erythematoses	1974
19740023449	Ophthalmological problems in space flights	1974
19740023450	Pharmacological and physiological studies of the sweat centers. 2: On the effect of direct mechanical, thermal, and electrical stimulation on the sweat and heat centers	1974
19740023451	Problems of paramyxovirus in autoimmune disease	1974
19740023452	Approximative calculation of the buffer base, the titration curve, and CO ₂ -dissociation curve of brain tissue	1974
19740023453	Lupus induced by D-Penicillamine during treatment of rheumatoid-arthritis: Two cases and immunological study during treatment	1974
19740023454	Beta-fetoprotein in systemic lupus erythematosus	1974
19740023455	Influence of hypokinesia and a diet composed of homogenized products on the functional state of the human organism	1974
19740023464	Spacesuit joints	1974
19740023471	What effect does the warning of reactions have on the reaction time	1974
19740023482	Thermal decomposition of calcium superoxide	1974
19740023486	Various methods for evaluating spectra in quantitative spectrochemical analyses	1974
19740023487	Influence of background on the form of spectrochemical calibration curves	1974
19740023488	Investigation of synthetic fluids based on N-substituted melamines	1974
19740023506	Transmissions of black and white TV pictures over communication channels with 1 MHz bandwidth	1974
19740023599	Microstrip disc resonators	1974
19740023648	Application of a theorem on the zeros of stochastic functions to turbulence measurements	1974
19740023650	An implicit system for calculation of flow of a viscous, heat-conducting gas	1974
19740023651	External sound field effect on a turbulent boundary layer	1974
19740023652	A survey of incompressible, two-dimensional unsteady boundary layers	1974
19740023668	The effect of gas diffusion and vaporization on the entrainment coefficient for a ventilated cavity	1974
19740023747	Qualitative and quantitative evaluation of an ERTS image (NASA 1005-13335). AREA: Huanchaca, Santa Cruz County, eastern Bolivia	1974
19740023759	The significance of biological factors in the weathering of rocks and minerals	1974
19740023811	The scattered light comparative beam anemometer. A laser anemometer for the measurement of three velocity components	1974
19740023837	Diffusion welding of structural components for aeronautics and astronautics	1974
19740023850	Quantitative analysis of various materials by laser-microspectroscopy	1974
19740023925	On appropriate Cauchy problems	1974
19740023927	Adaptive processing with a decision-directed Kalman filter and feature extraction of multispectral data	1974
19740023937	Atmospheric carbon dioxide and climate	1974
19740023942	On the atlantic tropical experiment (GATE) synoptic-scale subprogram	1974
19740024056	Curves of equal loudness for octave bands	1974
19740024065	Multiple particle production	1974
19740024072	Generation and heating of plasmas through absorption of intensive laser beams	1974
19740024154	In the search for extraterrestrial life	1974
19740024157	Mars-3: Pressures and altitudes based on the results of CO ₂ altimetry	1974
19740024185	Soyuz: Workhorse of space	1974
19740024209	Prototype of a space house	1974
19740024261	Calculation of the ignition and combustion of a hydrogen jet in air at finite chemical-reaction rates	1974
19740024289	Legal problems of the conquest of the moon and planets	1974
19740024292	Japan and the energy crisis	1974
19740024306	Braking performance	1974
19740024327	A new type of sail plane	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740024328	On the application of theory of Markov processes to the evaluation of state of dynamic systems and to control of aircraft oscillations	1974
19740024329	Effect of artificial stability on aircraft performance	1974
19740024356	Contribution to the creation of basic design concepts for wind power plants	1974
19740024387	Inhabited space, part 2	1974
19740024411	Treatment of systemic lupus erythematosus with nephropathy by means of chlorambucil	1974
19740024413	A Model for the Coevolution of the Genetic Code and the Process of Protein Biosynthesis	1974
19740024414	Screening of antinuclear factors in rheumatic diseases	1974
19740024415	Projections of the vestibular nerves to the suprasylvian and postcruciate cortical areas in the chloralosed cat	1974
19740024420	Study of weightlessness and perturbation of the rhythms of the gastrointestinal system of animals and human beings	1974
19740024424	Space research in the Ukraine. No. 4: Space biology and medicine	1974
19740024446	The role of peripheral vision and visual vestibular interactions in the exocentric perception of linear movement in humans	1974
19740024449	On the problem of self-purification of air in sealed compartments with limited ventilation	1974
19740024464	Polarography of molten salts	1974
19740024466	Thermodynamic characteristics of the HO ₂ radical in an aqueous solution	1974
19740024468	Determination of nonvolatile carboxylic acids in natural waters	1974
19740024491	Telemetry format synchronizer and decommutator in the unified telemetry system ground station	1974
19740024493	Space television: Questions of theory and practice of space television system design	1974
19740024601	Accurate mathematical modelling of PWM power regulators: Partial report	1974
19740024609	Description of acoustical installations of the center for testing of propulsion systems	1974
19740024610	Acoustical tests at the center for testing of propulsion systems	1974
19740024636	Axial fans with an extended steady operation region	1974
19740024687	Our experiences in the possible use of the electron microscope in soil study experiments	1974
19740024690	Biological mobilization of phosphorus and nitrogen in inundated soils used for growing rice	1974
19740024693	Multispectral scanning system in an aircraft experiment to research earth resources	1974
19740024851	Powder metallurgical production of high-temperature-resistant, dispersion-hardened, temperable nickel-base alloys	1974
19740024876	Strength behavior of adhesive bonds under impact loads	1974
19740024896	Periodic solutions to a limited problem of three bodies, including a large number of revolutions around a small body	1974
19740024907	Contributions on the climate of the Bern environs: Selected problems and preliminary results	1974
19740025030	Curves of equal loudness with octave-filtered sound in a diffuse sound field	1974
19740025031	Planar nonlinear oscillations of the center of mass of a solid with a magnetic damper	1974
19740025032	Determination of angular position and angular velocities at the end of the phase of active variation in angular velocity	1974
19740025033	Development of acoustical methods	1974
19740025034	Problem of fast action in a plane	1974
19740025046	Nuclear prospectors of earth and space objects	1974
19740025160	Circulation and dust content of the Venus atmosphere from wind velocity measurements by the Venera-8 automatic interplanetary probe	1974
19740025161	Mars-3: Photometric profiles of the planet in a near-infrared spectral region	1974
19740025165	Task of predicting the rotational motion of an unsymmetrical twisted artificial earth satellite	1974
19740025166	Optimal damping and stochastic control in certain astrodynamics problems	1974
19740025167	Selection of a zero approximation for the position of an artificial earth satellite in a phase of its oriented motion using a dipole approximation of the geomagnetic field	1974
19740025168	Problem of selecting zero approximation for position of an oriented satellite using non-dipole approximation of the geomagnetic field	1974
19740025169	On selection of zero approximation for the angular position of an artificial earth satellite in the form of trigonometric polynomials to the fourth power	1974
19740025170	Application of mathematical statistics methods to the study of artificial earth satellite movement near the center of mass	1974
19740025171	On the pulse number during optimal transfer between close Keplerian orbits	1974
19740025172	Optimization of the descent maneuvers of a satellite module from planetary orbit	1974
19740025173	Optimal transfer in the equatorial plane of an axisymmetric planet with an additional claim of accuracy	1974
19740025174	Optimal transfer between slightly elliptical orbits with an additional claim of accuracy and with calculation of nonsphericity	1974
19740025175	Quadrupulse flyback with reversion	1974
19740025176	Optimal transfer between coplanar elliptical orbits using tangential pulses applied at apsidal points	1974
19740025204	Such will be our ship	1974
19740025205	Observations by artificial satellites and probes	1974
19740025210	The atmosphere and the control of flight vehicle motion	1974
19740025249	Supersonic flutter of plane, rectangular, anisotropic heterogeneous structures	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740025333	A new aviation for heavy transport	1974
19740025370	Structure and operating mechanisms of inorganic separators	1974
19740025419	Cerebral blood circulation investigations aboard Soyuz 13 -- Salyut 3	1974
19740025420	Biological research in space: Some conclusions and prospects	1974
19740025459	Microbiological factors in the migration of certain minerals in soil	1974
19740025460	Effect of caffeine on bile and pancreatic juice secretion	1974
19740025461	Modeling of a complex of systems of the organism which are associated with blood circulation and carrying out of physiological experiments with this complex	1974
19740025479	The pneumooxyhemograph-3, an instrument for the investigation of the functional state of blood circulation and respiration	1974
19740025480	Detection of acoustic signals of different duration under the action of certain drugs	1974
19740025488	Effects of the physiological environment on the long-term physical performance of polymeric materials	1974
19740025491	Distribution of substances in systems with a free and a bound solvent	1974
19740025493	Low molecular organic acids in sod-podsol forest soils	1974
19740025494	An investigation of changes in the chemical composition of lowland peat in the process of self-heating. 7. The formation of organic acids	1974
19740025495	Sulfuric acid hydrolyzates of lowland peats as growth stimulants of microorganisms and plants. 3: An investigation of the composition of organic acids	1974
19740025496	Effect of bentonite on the enzymatic activity of soil microflora	1974
19740025512	Ruthenium oxide catalysts for the oxygen electrode	1974
19740025516	Research activities in the field of materials science	1974
19740025519	Voltammetric redox wave at a stationary electrode, 1	1974
19740025525	Radiation characteristics of moist ground in the ultra-high frequency range	1974
19740025622	Dynamic memories with fast random and sequential access	1974
19740025680	Some recent results on the theory of turbulent flow of gases of highly variable density	1974
19740025681	Turbulent mixing of gas flows in the presence of a pressure gradient	1974
19740025724	Technical fundamentals of aeroelectrical exploration	1974
19740025745	Waste-product pollution of bodies of water and waste-water purification	1974
19740025746	Respiration of the soil after addition of glucose and inorganic nitrogen	1974
19740025747	Microbiological transformations of phosphorous in volcanic soils of the purace area	1974
19740025770	Altitude distribution of ionospheric nonhomogeneities responsible for diffuse reflections of signals above Dushanbe	1974
19740025771	Electrical and radiation characteristics of water in the decimeter and meter range	1974
19740025772	Problems of calculating the thermal radiation of multilayered structures of the ice and snow types by means of oriented graphs using an electronic computer	1974
19740025833	Photographic methods for determination of droplet size spectra	1974
19740025834	Construction and calibration of a neutron spectrometer in the energy range of 10-50 MeV	1974
19740025839	Space research apparatus	1974
19740025863	Technology for the production of space equipment	1974
19740025900	Heterodyne method of measuring the diffusive component of laser mirrors	1974
19740025901	Antenna characteristics of heterodyne receivers of CO2 laser emitters	1974
19740025955	On the distribution and migration of antistatic agents in specimens made from polyolefins and polystyrene	1974
19740025969	On the solution of Molodenskiy's problem with the aid of a Taylor series	1974
19740026041	Flight operations and guide beam systems	1974
19740026078	Meson production as a shock wave problem	1974
19740026149	Solar processes and their observations	1974
19740026163	Oasis in space	1974
19740026165	Hydrodynamic models of the flow around planets having a magnetic field, and the feasibility of estimating parameters of the magnetosphere of Jupiter	1974
19740026166	Mars-3: Water vapor in the planetary atmosphere 1974	1974
19740026179	Volcanism and tectonics of the moon	1974
19740026180	Physical characteristics of comets, 1965 - 1970	1974
19740026339	Heat-mass transfer and friction in a turbulent boundary layer	1974
19740026361	Contributions of the DFVLR to the investigation of rescue and recovery systems	1974
19740026463	Amino acids and carbohydrates in very ancient deposits (according to the example of the cyanite schists on the Kola Peninsula)	1974
19740026468	Equilibrium of oxidation-reduction conversion of granulated redoxites	1974
19740026469	The oxidative-reduction potential of the redoxites	1974
19740026482	Use of simple tape recorders for storing digitalized analog signals	1974
19740026483	Energy flow in electromagnetic wave fields	1974
19740026487	Principles of technical planning for satellite communications systems	1974
19740026529	The 2.2 mm wavelength frequency converter	1974
19740026533	Experimental detection of the two elementary types of energy vortices in wave fields	1974
19740026820	Influence of molybdenum on resistance to corrosion by pitting and contact of austenitic stainless steels	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740026821	A mechanistic study of the effect of molybdenum additions on the corrosion resistance of austenitic stainless steels	1974
19740027004	Space optics	1974
19740027103	A model of coronal holes	1974
19740027129	Method of determining optimal spacecraft trajectory correction	1974
19740035536	Survival of common bacteria in liquid culture under carbon dioxide at high temperatures	1974
19740072821	The selection of Soviet cosmonauts	1974
19740072838	Cosmonaut (astronaut) training, volume 3, part 1, chapter 2	1974
19740072876	Engineering psychology in aviation and astronautics	1974
19740073095	The physical characteristics of interplanetary space	1974
19740073150	Photochemical and photobiological effects of extreme ultraviolet radiation	1974
19740073173	Environmental impact statement for the granting of an easement for a sewer outfall	1974
19740073766	Intercomparison of ground-based and space solar flux measurements	1974
19740074635	Reports on tasks, 1 March 1973 - 28 February 1974	1974
19740074677	A study of the thermospheric rotation	1974
19740074683	Final technical report	1974
19740074684	Spectrophotometric studies of reflection nebulae	1974
19740074727	Superhigh frequency radiation characteristics of wet soils	1974
19740075015	Calcium and magnesium metabolism as related to dietary protein intake	1974
19740075046	Electro-optical equipment for spacecraft	1974
19740075163	Investigation of critical burning of fuel droplets	1974
19740075170	Vestibular training of cosmonauts	1974
19740075295	Planetary patrol program	1974
19740075296	The investigation of carbon dioxide absorption on Mars and Venus	1974
19740075306	RLE Quarterly Progress Report	1974
19740075307	RLE Quarterly Progress Report	1974
19740075310	The Stanford gyro relativity experiment	1974
19740075374	Method of joint utilization of various-scale space photographs and aerial photographs in geological investigations	1974
19740075375	Development of research in the USSR on the use of radar images for geological purposes	1974
19740075376	the possibilities of investigating the plutonic structure of western Georgia according to space photograph interpretation data	1974
19740075377	New data on the structure of the Ayotsdzorskiy region of Transcaucasia	1974
19740075378	Results of geological interpretation of space photographs of northwestern Lake Balkhash area, taken from orbital station Salyut	1974
19740075379	The geological information value of television space photographs of screened regions (illustrated by the example of the area of Siberia around the Yenisey River)	1974
19740075380	Interpretation of ring structures on space photographs of the southern part of the Altay-Sayansk fold region	1974
19740075381	Interpretation of space photographs for the purpose of detection of annular volcanic-plutonic structures and study of the patterns of their distribution	1974
19740075382	Concentric arch structures of the Aral Sea area and Kyzylkum as seen in space photographs taken from the manned orbital station Salyut	1974
19740075383	Study of ring structures from space photographs	1974
19740075392	Project management in the public sector: Path analysis of factors leading to success	1974
19740075393	Project organization: Factor affecting the Decision environment	1974
19740075396	Research program in aeronautics and air transportation systems	1974
19740075870	Space shuttle solid rocket booster performance evaluation model	1974
19740075876	A high-resolution interferometer for planetary spectroscopy	1974
19740076080	Extending the universities' role in the exploitation of aerospace technology	1974
19740076087	Plutonic structure of the earth's crust on space images	1974
19740076111	Superhigh frequency radiation characteristics of the earth according to the results of experiments conducted on Kosmos-243 and Nimbus-5 satellites	1974
19740076373	Multidisciplinary research in space sciences	1974
19740076382	NASA Grand Tour missions	1974
19740076535	Requirements for avionics for VTOL terminal area navigation, guidance and control (V/STOLAND)	1974
19740076719	Dialogues with management on research and development	1974
19740077114	Performance specification, electrophoresis experiment in the Apollo Soyuz test project	1974
19740077115	Specification of scientific requirements for electrophoresis experiment in the Apollo Soyuz test project	1974
19740077116	EMC test plan for the electrophoresis experiment in the Apollo Soyuz project	1974
19740077167	Research on the applications of speech recognition in flight management	1974
19740077168	Relativity effects on tracking data	1974
19740077278	Biennial report, period ending 31 January 1974	1974
19740077279	Research at the Stanford Center for Radar astronomy	1974
19740077280	Trace element analysis of mineral separates and determination of partition coefficients	1974
19740077290	A program of visual and infrared photoelectric photometry	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740077305	Precision selenodesy and lunar libration through VLBI observations of ALSEPS	1974
19740077306	NASA issuances: Master list index	1974
19740077333	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1974
19740077334	Lear jet solar spectroscopy	1974
19740077341	Final summary report, 1 June 1971 - 28 February 1974	1974
19740077342	Semiannual status report	1974
19740077343	Patterns of impact and response in research and development in industry: Summary of a study	1974
19740077346	Design, development and fabrication of research equipment to form part of a lunar laser ranging station	1974
19740077347	A study of lagoonal and estuarine processes in the area of the John F. Kennedy Space Center in relation to its biodynamics	1974
19740077349	Development of high temperature materials for solid propellant rocket nozzle applications	1974
19740077350	Microbiological performance testing on the water management sub-system for a four-man space capsule	1974
19740077351	Lunar studies	1974
19740077352	Program to stimulate graduate training in the field of aeroacoustics	1974
19740077353	Analysis of nuclear induced plasmas by means of kinetic theory	1974
19740077355	Acoustical theory of turbulence	1974
19740077357	Houston Operations Predictor/Estimator (HOPE) programming manual, volume 2	1974
19740077358	Houston Operations Predictor/Estimator (HOPE) programming manual, volume 3	1974
19740077373	Combine effect of flight factors	1974
19740077375	Report on the lunar ranging at McDonald Observatory	1974
19740077379	Study of applicability of a precise, accurate method for rapid evaluation of engine and lubricant performance	1974
19740077448	Design of the large space telescope control system	1974
19740077453	Technical searches	1974
19740077465	Post-flight analyses for Delta program mission no. 97, IMP-J mission	1974
19740077469	Catalogue of components of production, electrophoresis experiment in Apollo Soyuz test project	1974
19740077470	Preliminary analysis of systems behavior and dangers, electrophoresis experiment	1974
19740077471	Product quality plan, electrophoresis experiment in Apollo Soyuz test project	1974
19740077473	Investigation of gas in the Vela Supernova remnant (OAO)	1974
19740077490	Research in the many-particle theory of nuclear systems with application to neutron star matter	1974
19740077491	Compressible unsteady potential aerodynamic flow around lifting bodies having arbitrary shapes and motions	1974
19740077492	Progress in research related to genetic engineering and life synthesis	1974
19740077493	Refined methods of aeroelastic analysis and optimization	1974
19740077494	Development of high temperature materials for solid propellant rocket nozzle applications	1974
19740077496	Work function evaluation of iron-nickel alloys and other metals for low temperature thermionic energy converters	1974
19740077497	Continuation of experiments at ultra-high pressure	1974
19740077498	A laboratory study of the diffuse reflectance spectra of astronomical objects	1974
19740077502	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation	1974
19740077503	The development and application of mass spectrometers to studies of the earth's upper atmosphere and planetary atmospheres	1974
19740077504	Infrared spectra of molecules and materials of astrophysical interest	1974
19740077505	Quarterly progress report, 1 May - 1 August 1974	1974
19740077506	Annual progress report, 1 August 1973 - 31 July 1974	1974
19740077508	Research, development and business condition, 1960-1971	1974
19740077509	Steady state interaction between radiation and matter in stellar atmospheres	1974
19740077531	Luminescence of nucleic acids and nucleic acid-bound dyes	1974
19740077532	A research in support of NASA's space science	1974
19740077533	Aeronautics and air transportation systems	1974
19740077538	Satellite situation report, volume 14, no. 2	1974
19740077566	Vessel, pressure gas storage ARDE P/N D 3870 revision A	1974
19740077584	Fundamental and analytical investigations of the mechanisms and phenomena related to spacecraft electrochemical devices	1974
19740077585	Investigation of the difficulties associated with the use of lead telluride and other 2-4 compound for thin film thermistors	1974
19740077586	Polarimeters in animals	1974
19740077596	Dynamical and photometric investigation of cometary type 2 tails	1974
19740077597	Age, origin, and composition of meteorites	1974
19740077598	Planetary observations and data interpretations	1974
19740077625	Luminescence of nucleic acids and nucleic acid-bound dyes	1974
19740077626	Extremal states caused by external ionizing radiation	1974
19740077627	Quarterly report, 1 January - 31 March 1974	1974
19740077628	The interaction of a shock wave and a turbulent boundary layer in axially symmetric internal flow	1974
19740077629	The properties of reentry plasmas	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740077630	Semiannual status report Smith, Michael	1974
19740077633	Monitoring spacecraft atmosphere contaminants by laser absorption spectroscopy	1974
19740077634	Bibliographic references, 1974	1974
19740077636	Regulation of nuclear DNA synthesis in Amoeba interspecific hybrids	1974
19740077637	Discrete and continuous processes in computers and brains	1974
19740077638	The interaction energy between hydrocarbon	1974
19740077639	Nuclear-cytoplasmic interactions in amoeba interspecific hybrids	1974
19740077640	Chemical characterization of the isolated cell surface of Amoeba	1974
19740077654	X-ray astronomy	1974
19740077655	The Stanford gyro relativity experiment	1974
19740077656	Solar wind physics	1974
19740077661	Mechanisms of alertness, attention and information processing in man	1974
19740077662	Review, study, and evaluation of possible flight experiments relating to materials processing in space	1974
19740077663	Semiannual progress report	1974
19740077664	Special studies of meteorological measurement techniques up to 100 kilometers	1974
19740077666	High angular resolution studies of H-2 regions and associated galactic sources	1974
19740077670	Fast optical pulse recording systems for laser ranging	1974
19740077671	The Lunar Science Institute	1974
19740077673	Analysis of a cold jet on bodies of revolution in a subsonic free stream	1974
19740077674	The sensitivity of types of research and development to business conditions	1974
19740077684	Studies in planetology, including the collection and interpretation of planetary information	1974
19740077703	Twenty-fourth semiannual progress report	1974
19740077704	Laboratory study of sonic booms and their scaling laws	1974
19740077712	The interaction of a shock wave and a turbulent boundary layer in axially symmetric internal flow	1974
19740077713	Semiannual progress report, 1 January - 30 June 1974	1974
19740077715	Photoionization of atoms in metastable states	1974
19740077727	Biomedical investigation of peripheral blood flow as a thermoregulatory function	1974
19740077731	Evaluation indicates good results for project SACI	1974
19740077738	Beam-foil spectroscopy	1974
19740077739	Final report, 1 August 1972 - 31 July 1974	1974
19740077740	Determination of the intensity of turbulence in a liquid rocket combustion chamber	1974
19740077741	The application of remote sensing technology to the solution of problems in the management of resources in Indiana	1974
19740077742	Infrared spectra of molecules and materials of astrophysical interest	1974
19740077743	Investigation of structure-property relationships in systematic series of novel polymers	1974
19740077744	Continuation of the development of lunar nomenclature	1974
19740077745	Semiannual status report, 1 February - 1 August 1974	1974
19740077746	Progress report, 1 February - 1 August 1974	1974
19740077748	Kinetics of nitric oxide formation and decomposition	1974
19740077749	Analysis of lunar evolution, with emphasis on differentiation and dynamics	1974
19740077750	Progress Report for the period 1 February - 31 July 1974	1974
19740077763	Meteorite photography and recovery network	1974
19740077778	Ionospheric measurements	1974
19740077781	Investigation of the basic foundations of masers and lasers	1974
19740077782	Trace element analysis of mineral separates and determination of partition coefficients	1974
19740077783	Investigation into the physical structure of porous catalysts and adsorbents	1974
19740077784	Investigation of high energy radiation from a plasma focus	1974
19740077785	Interdisciplinary research concerning the nature and properties of ceramic materials	1974
19740077786	Short characterization of the Kurskiy research region and test zone	1974
19740077787	Semiannual Report	1974
19740077827	A study of celestial objects of high angular momentum	1974
19740077830	Potassium-argon analysis of rocks shocked by nuclear explosions	1974
19740077836	Cosmic rays in interplanetary space	1974
19740077854	Comparison of OGO 4 ultraviolet and visible nightglow data with computer models to evaluate F region winds	1974
19740077859	Interferometric high-resolution spectroscopy of optical interstellar lines	1974
19740077870	Final Report	1974
19740077880	Development of a three dimensional numerical water quality model for continental shelf applications	1974
19740077881	Study of the far-infrared lattice properties of gallium arsenide	1974
19740077888	Semiannual progress report	1974
19740077893	Investigation of critical burning of fuel droplets	1974
19740077902	Drinking does not hurt anybody	1974
19740077947	Numerical solution of the Navier-Stokes equations for arbitrary two-dimensional multi-element airfoils	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740077948	Research in exobiology: Continuation of the exploration of chemical and mass spectrometric techniques for organic analysis on planetary surfaces, the development of nuclear magnetic resonance spectroscopic techniques, and the analysis of organic matter in ancient sediments and meteorites	1974
19740077949	Supporting studies in cloud image processing for planetary flybys of the 1970's	1974
19740077950	Sonic boom research	1974
19740077951	Empirical step in technology assessment. Field study and comparative public opinion surveys	1974
19740077952	A study of heavy-heavy nuclear reactions	1974
19740077953	Detailed studies of the nonperiodic time variability of several galactic X-ray sources	1974
19740077958	Semiannual Status Report	1974
19740077959	Unsteady loads due to propulsive lift configurations	1974
19740077960	Thermal Radiation Characteristics and Thermophysical Properties of Lunar Materials	1974
19740077961	Lymphoid cell kinetics under continuous low dose-rate gamma irradiation: A comparison study	1974
19740077962	Study and research on experimental tests of gravitational theory	1974
19740077963	Progress Report, 1 January - 30 June 1974	1974
19740077989	Launch vehicle catalog of tests and operations	1974
19740078013	Men of science: Humberto Fernandez-Moran	1974
19740078113	Dallas-Fort Worth regional airport monitoring project	1974
19740078141	Reliability based recovery of floors	1974
19740078142	Origin of chondrites from relationships between and thermal retentivity of key trace elements	1974
19740078143	Spectra of solar radio bursts (ground support for ATM)	1974
19740078144	Optical studies of galactic X-ray sources	1974
19740078179	An assessment of the impact of the space shuttle on stratospheric ozone using a 3D photochemical-dynamical stratospheric model	1974
19740078196	A program of data synthesis from the ALSEP/CPLLE, ALSEP/SIDE, and Explorer 35 magnetometer to investigate lunar terminator and night-side particle fluxes and surface interactions	1974
19740078202	Barometric pressure and gas composition	1974
19740078208	Large scale fire testing of aircraft interior construction and the development of criteria to represent the level of threat	1974
19740078209	Uhuru advanced studies and guest-investigator program	1974
19740078210	Experimental and theoretical investigation of plasma radiation	1974
19740078211	Development of a high resolution ultrasonic sensor for the observation of particles in fluids	1974
19740078212	Dustsonde support for clear air turbulence and air pollution studies	1974
19740078213	Investigation of high energy radiation from a plasma focus	1974
19740078265	Optical effect of the contamination of infrared windows by the outgassing of materials in outer space	1974
19740078273	Transition probabilities in multiply ionized atoms	1974
19740078279	Melting behavior and phase relations of lunar samples	1974
19740078337	Comparison of stress corrosion cracking behavior of high strength alloys in natural seawater and synthetic sea salt solutions	1974
19740078549	Semiannual Status Report, 1 April - 30 September 1974	1974
19740078550	Research on high intensity combustion and NO sub X formation in a turbine engine Combustor	1974
19740078597	Catalysts for electrochemical generation of oxygen	1974
19740078724	Energy converter for cardiac devices	1974
19740078916	Solar wind interactions and Mariner 10 data	1974
19740078917	Preliminary results of a measurement of the isotropy of the cosmic background radiation in the far infrared	1974
19740078921	Integrated mission planning	1974
19740078926	Research on spacecraft electrical power conversion	1974
19740078927	Nature and changes of organic matter in deep ocean cores	1974
19740078928	An experimental investigation of skin friction drag reduction	1974
19740078929	Study of viscous flow about airfoils by the integro-differential method	1974
19740078930	Transport of trace contaminants through porous media	1974
19740078932	Pleuro-pulmonary manifestations in systemic lupus erythematosus	1974
19740078933	Study of the effect of solvents on nuclear magnetic resonance 1: Caffeine and derivatives	1974
19740078934	Considerations on the etiology of SLE in relation to the inducibility of antinuclear factors by various medications	1974
19740078936	Flight control systems research	1974
19740078937	Design of flight instruments to detect particulates in upper atmosphere	1974
19740078938	Inventory of Delawares's wetlands	1974
19740078947	Investigation of the unsteady pressure distribution on the blades of an axial flow fan	1974
19740078948	Modeling of slow flow electric discharge CO laser systems	1974
19740078949	Digital adaptive flight controller development	1974
19740078950	Unsteady loads due to propulsive lift configurations	1974
19740078951	The investigation of carbon dioxide absorption on Mars and Venus	1974
19740078957	Theoretical investigation of isotopic anomaly of xenon in carbonaceous chondrites and other terrestrial and extra-terrestrial samples	1974
19740078958	Annual Progress Report, 1 September 1973 - 31 August 1974	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740078959	Laboratory plasma probe studies	1974
19740078961	Studies of discharge mechanisms in high pressure gases-applications to high efficiency high power lasers	1974
19740078962	Support of solar research and improvement in photoheliographic and spectrographic observations of the sun at the McMath-Hulbert Observatory	1974
19740078963	Research in solar ultraviolet spectroscopy	1974
19740078964	Investigation of problems associated with solid encapsulation of high voltage electronic assemblies	1974
19740078965	Sonic boom research	1974
19740078966	Modern astronomical instrument development	1974
19740078980	Mechanical properties of the electronic structure of transition metal alloys	1974
19740078982	Data analysis of OAO-2 ultraviolet spectrophotometry	1974
19740078995	Semiannual progress report, 1 April - 1 October 1974	1974
19740078996	Submillimeter astronomical spectrometry from aircraft	1974
19740078999	Researches into planetary atmospheres and interiors	1974
19740079001	Annual status report	1974
19740079004	High temperature kinetics studies of combustion processes by the shock tube technique	1974
19740079012	Shock processes in terrestrial analogs of porous lunar and meteoritic materials	1974
19740079013	Acoustic behavior of a discontinuous signal near a caustic, appendix C.	1974
19740079020	Quarterly progress report, 1 August - 1 November 1974	1974
19740079021	Interdisciplinary materials research	1974
19740079022	Strain buildup and release, earthquake prediction and selection of VLB sites for the margins of the North Pacific	1974
19740079023	Gas film cooling of turbine vanes	1974
19740079024	Jovian satellite eclipse study 4: Jovian atmosphere aerosols and disc figure	1974
19740079025	Physical properties of molecular clouds	1974
19740079029	Investigation of crystal growth from solutions	1974
19740079037	Meaning of exhaustive software testing	1974
19740079074	Study of MS/MS convection	1974
19740079075	Space technology for improving remote area health care: STARPAHC	1974
19740079164	Orbit improvement of the satellites of the outer planets	1974
19740079165	Infrared observations of Comet Kohoutek (1973F)	1974
19740079166	A multi-band far-infrared survey with a balloon-borne telescope	1974
19740079167	The response factors of coaxial injectors in unstable gaseous propellant rocket motors	1974
19740079168	Semiannual report	1974
19740079184	Radiative transfer in realistic planetary atmospheres	1974
19740079185	Sensitivity analysis of the remote gas filter correlation analyzer	1974
19740079186	Application of remote sensor data to geologic analysis of the Bonanza test site Colorado	1974
19740079428	The distribution of stratosphere ozone from photometry of eclipsing earth satellites	1974
19740079429	Reply by author to P. Bradshaw and K. Unsworth	1974
19740079433	A study of X-ray emission from galactic and extragalactic sources with emphasis on soft and ultrasoft wavelengths	1974
19740079434	Basic research in solar physics	1974
19740079438	High enthalpy hypersonic boundary layer flow	1974
19740079578	Investigation of the daytime lunar atmosphere for lunar synthesis program	1974
19740079579	Resident fellowship program in computer science	1974
19740079580	Semiannual report, 1 March - 31 August 1974	1974
19740079581	Program to stimulate graduate training in the field of aeroacoustics	1974
19740079582	Magnetohydrodynamic damping of turbulent noise sources using a shallow mercury surface wave analogy	1974
19740079583	Interactions of radiation with planetary gases	1974
19740079597	The dynamics of spin stabilized spacecraft with movable appendages	1974
19740079857	Time variations of UV emission features of Be stars	1974
19740079859	Digital adaptive flight controller development	1974
19740079860	The effect of hydrogen and sea water on the mechanical properties of FCC alloys containing a strain induced structure	1974
19740079862	Theoretical and experimental studies in ultraviolet solar physics	1974
19740079863	Surface mapping of Mars and related comparative geologic studies	1974
19740079864	Airborne observations from the NASA C-141	1974
19740079867	Lear jet observations of the Orion Nebula and Jupiter	1974
19740079868	Research on interpretation of visual and motion cues for flight simulation and ride quality investigation	1974
19740079876	The value of project planning and control techniques	1974
19740079878	Tiros tracks Hurricane Cleo	1974
19740079879	Tiros: Picture of Typhoon Karen from tropical storm to full typhoon, 6-16 November 1962	1974
19740079880	Tiros 7: Pictures of Hurricane Ginny, 21-28 Oct. 1968	1974
19740079881	Large scale disturbances mechanism of jet noise generation	1974
19740079884	Theoretical and experimental studies of atmospheric structure and dynamics, using high altitude chemical release, radio meteor and meteorological rocket network and other data	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740079885	Measurement of the ground wind structure	1974
19740079886	Methods of improving the efficiency of photovoltaic cells	1974
19740079887	Microbiological performance testing on the water management sub-system for a four-man space capsule	1974
19740079891	Tiros ice reconnaissance	1974
19740079892	Tiros sees the physical features of the earth	1974
19740079893	The best of Tiros	1974
19740079902	Life support cost study	1974
19740079906	A theory for scattering by density fluctuations based on three-wave interaction	1974
19740079907	Thermal conductivity of evacuated glass beads: Line source measurements in a large volume bead bed between 225 and 300 K	1974
19740079908	Space processing convection evaluation	1974
19740079909	Analytics of crystal growth in space	1974
19740079936	Outer planet satellite studies	1974
19740080072	Anelastic models of fault zone tectonics and their measurement by space techniques	1974
19740080077	Study of the flow near the foot of the weak shock terminating a region of supersonic flow	1974
19740080078	Planetary observations and data interpretations	1974
19740080079	Research on material for advanced electronic and aerospace application	1974
19740080080	Development and investigation of single-scan TV radiography for the acquisition of dynamic physiologic data	1974
19740080081	Far-ultraviolet rocket astronomy program	1974
19740080082	Semiconductor millimeter and submillimeter wave devices	1974
19740080083	National Aeronautics and Space Act of 1958, as amended and related legislation	1974
19740080132	Methods of determining the light path in photometry of turbid solutions or tissues by transmitted or reflected light	1974
19740080149	A new method for determining the degree of oxygenation of hemoglobin spectra of inhomogeneous light paths explained with the analysis of spectra of human skin	1974
19740080150	Efferent activity obtained from the ampullar nerves by stimulation of the semicircular horizontal canals of the frog	1974
19740080151	Efferent vestibular activity in the frog	1974
19740080162	Pilot's flight evaluation of Concorde airplane number 002	1974
19740080163	Lift fan V/STOL transport flight control system development continuation. Volume 3: Total system simulation experiment	1974
19740080165	Does immobilization and pressure in animal experiments induce ankylosis?	1974
19740080171	Saturn engines O and FS program	1974
19740080186	Investigation of a new Automatic Air Valving surface effects device	1974
19740080187	Microelectronics bioinstrumentation systems	1974
19740080188	Shuttle remote manned systems requirements analysis. Volume 1: Executive summary	1974
19740080189	Shuttle remote manned systems requirements analysis. Volume 2: Requirements analysis	1974
19740080190	Shuttle remote manned systems requirements analysis. Volume 3: Remote manned systems requirements document	1974
19740080214	V/STOL lift fan commercial short haul transport. Volume 7: Propulsion system dynamics and failure analysis	1974
19740080215	A survey of the galactic background radiation at 3.93 and 6.55 MHz	1974
19740080218	USSR Mars observations: The case for an intrinsic planetary magnetic field	1974
19740080219	Magnetic field observations near Venus preliminary results from mariner 10	1974
19740080231	Development of a Zero-G microbiological experiment for the Long-Duration Exposure Facility	1974
19740080232	Application of cabin atmosphere monitors to rapid screening of breath samples for the early detection of disease states	1974
19740080235	Preliminary investigation of a fixed geometry asymmetric inlet at Mach numbers of 7.4 and 10.5	1974
19740080237	Survey of titanium structural shape fabrication concepts	1974
19740080242	Design of a thrust vectoring nozzle for V/STOL transport lift cruise fans	1974
19740080254	Data support for avionics cost estimating techniques	1974
19740080255	Stability and Control Characteristics of a Cruciform Missile Model with Large Delta Wings and Tail Controls at Mach 0.06 to 4.63 (U)	1974
19740080274	Transcontinental baselines and the rotation of the earth measured by radio interferometry	1974
19740080281	Conceptual design studies of a V/STOL military-civil lift fan aircraft. Volume 2: Summary	1974
19740080283	A review of civilian and military medical selection standards and medical selection programs with relevance to space shuttle passenger selection	1974
19740080287	Filter studies in Hel and Call	1974
19740080289	Bearing fatigue investigation 2	1974
19740080292	Space tug storable engine study. Volume 3: Engine/tug interface and operational requirements	1974
19740080293	ATS-6 first orbit evaluation	1974
19740080294	Selected case studies using the SEOR program	1974
19740080296	Manned earth observatory: Mission requirements and preliminary design. Volume 1: Executive summary	1974
19740080297	Manned earth observatory: Mission requirements and preliminary design. Volume 2: Study results	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080298	Space shuttle/payload interface analysis. Volume 4: Business risk and value of operations in space (BRABO). Part 4: Computer programs and data look-up	1974
19740080299	Control trajectory and loads optimization	1974
19740080300	Space station data flow	1974
19740080301	Flexible body/water interaction during water impact	1974
19740080302	Summary of solid rocket motor plume flowfield and radiation analyses	1974
19740080307	Application of Bell 8096 engine for space tug propulsion. Volume 1: Executive summary	1974
19740080308	Application of Bell 8096 engine for space tug propulsion. Volume 2: Engine design and performance analysis	1974
19740080309	Application of Bell 8096 engine for space tug propulsion. Volume 3: Engine/tug interface and operational requirements	1974
19740080310	Program manual for the Systems Evaluation of Orbit Raising (SEOR)	1974
19740080311	Post-flight analysis for Delta program mission no. 98: ITOS-F mission	1974
19740080312	Aerodynamic characteristics of a tandem-canard missile at Mach numbers from 1.83 to 4.63 (U)	1974
19740080315	Conceptual design study of a military ejector augmented wing V/STOL aircraft	1974
19740080316	Conceptual design study of a military mission oriented remote lift-fan V/STOL transport	1974
19740080317	Addendum data for conceptual design study of a military mission oriented remote lift-fan V/STOL transport	1974
19740080318	Advanced control technology and its potential for future transport aircraft	1974
19740080319	NASA advanced control technology: An overview	1974
19740080320	Survivable flight control system fly-by-wire development and flight test	1974
19740080321	Development of an active fly-by-wire flight control system	1974
19740080322	B-52 control configured vehicles flight test results	1974
19740080323	An overview of NASA's digital fly-by-wire technology development program	1974
19740080324	Design and development experience with a digital fly-by-wire control system in an F-8C airplane	1974
19740080326	Man rated flight software for the F-8 DFBW program	1974
19740080327	Flight test experience with the F-8 digital fly-by-wire system: A forecast for active controls	1974
19740080328	A pilot's opinion of the F-8 digital fly-by-wire airplane	1974
19740080329	Space shuttle digital flight control system	1974
19740080330	Historical review of C-5A lift distribution control systems	1974
19740080331	The C-5A active lift distribution control system	1974
19740080332	Active controls for ride smoothing	1974
19740080333	Use of active control technology to improve ride qualities of large transport aircraft	1974
19740080334	Decoupling control Technology for medium STOL Transports	1974
19740080335	Potential benefits of propulsion and flight control integration for supersonic cruise vehicles	1974
19740080336	IPCS implications for future supersonic transport aircraft	1974
19740080337	A digital computer propulsion control facility: Description of capabilities and summary of experimental program results	1974
19740080338	Description and test results of a digital supersonic propulsion system integrated control	1974
19740080339	A flight investigation of a terminal area navigation and guidance concept for STOL aircraft	1974
19740080340	Some system considerations in configuring a digital flight control navigation system	1974
19740080341	Design of a control configured tanker aircraft	1974
19740080342	A summary of the application of active controls technology in the ATT system studies	1974
19740080343	A survey of active controls benefits to supersonic transports	1974
19740080344	Establishing confidence in CCV/ACT technology	1974
19740080345	Active control transport design criteria	1974
19740080346	Advanced control technology and airworthiness flying qualities requirements	1974
19740080347	Handling qualities requirements for control configured vehicles	1974
19740080348	The F-12 series aircraft approach to design for control system reliability	1974
19740080349	B-52 stability augmentation system reliability	1974
19740080350	L-1011 avionic flight control redundant systems	1974
19740080351	Some experiences using wind-tunnel models in active control studies	1974
19740080352	Development of methods for the analysis and evaluation	1974
19740080353	Methodology for design of active controls for V/STOL aircraft	1974
19740080354	Active control system trends	1974
19740080355	The implementation of fail-operative functions in integrated digital avionics systems	1974
19740080356	A forward view on reliable computers for flight control	1974
19740080357	The effects of lightning on digital flight control systems	1974
19740080358	Redundancy of hydraulic flight control actuators	1974
19740080359	Active control technology and the use of multiple control surfaces	1974
19740080361	Longitudinal stability and control characteristics at Mach 0.30 to 2.86 of a fighter configuration with a cranked-leading-edge wing planform (U)	1974
19740080362	Wing panel loads and aileron hinge moments measured in flight on the F-8 supercritical wing airplane including correlations with wind tunnel data (U)	1974
19740080363	Study of the integration of the electrochemical depolarized CO2 concentrator with the Bosch CO2 reduction subsystem	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740080366	An analytical investigation of acquisition techniques and system integration studies for a radar aircraft guidance research facility Phase 3	1974
19740080367	Computer testing the SMS/GOES synchronous controller	1974
19740080368	Apollo telescope mount of Skylab mission-A	1974
19740080370	Investigation of crystal growth from solutions	1974
19740080371	DOD/NASA system impact analysis. Space shuttle explosive equivalency study. Volume 1: Executive summary	1974
19740080372	DOD/NASA system impact analysis. Space shuttle explosive equivalency study. Volume 2: Technical discussion	1974
19740080373	DOD/NASA system impact analysis. Space shuttle explosive equivalency study. Volume 3: Appendices	1974
19740080374	Space tug storable engine study. Volume 1: Executive summary	1974
19740080375	Space tug storable engine study. Volume 2: Engine design and performance characteristics	1974
19740080376	Application of Bell 8096 engine for space tug propulsion. Volume 4: Project planning data	1974
19740080377	Application of Bell 8096 engine for space tug propulsion. Volume 5: Costs	1974
19740080381	SL-4 (SA-208) launch vehicle postflight trajectory, part 4	1974
19740080382	Shuttle EVA rescue study	1974
19740080383	Spectral behavior of Jupiter near 1 MHz	1974
19740080384	Space tug autonomy analysis study	1974
19740080385	Environmental test program for the interplanetary monitoring platforms H and J (IMPS H and J)	1974
19740080387	Study of the impact of program changes on costs, schedules and technical performance, volume 1	1974
19740080388	Study of the impact of program changes on costs, schedules and technical performance, volume 2, appendices	1974
19740080389	The economics of air transport manufacturing. Volume 1: Industry analysis	1974
19740080390	The economics of air transport manufacturing. Volume 2: Economic criteria for advanced-technology aircraft	1974
19740080391	Mission and data operations directorate. Spacecraft radio frequency listing, volume 13, no. 2: Mission and data operations directorate, RCN 50010	1974
19740080392	Task 60 test report: Evaluation of a hybrid thirteen-channel IRIG-A/B constant bandwidth FM multiplexer for shuttle development flight instrumentation	1974
19740080393	Task 60 test report: Evaluation of an extended high speed PAM commutation and digitizing system for shuttle development flight instrumentation	1974
19740080394	Task 60 test report evaluation of non-IRIG channel constant bandwidth FM multiplexers for shuttle development flight instrumentation	1974
19740080395	A study of the relationship between thermal expansion of microelectronic components and reliability	1974
19740080397	Space tug storable engine study. Volume 5: Program study cost estimates	1974
19740080398	Postflight analyses for delta program mission no. 100	1974
19740080399	Titan/Centaur-1 proof flight (Sphinx) field report	1974
19740080400	Multiple IMU system software design and coding, volume 3	1974
19740080401	A study of payload utilization of tug for Marshall Space Flight Center. Volume 1: Executive summary	1974
19740080402	A study of payload utilization of tug for Marshall Space Flight Center. Volume 2: Technical report	1974
19740080403	Flight support system definition for the earth observation satellites (EOS/FSS)	1974
19740080405	Lightweight housing study for batteries and electronic packaging	1974
19740080406	Initial integrated space shuttle ground operational requirements for Edwards Air Force Base	1974
19740080842	Origin of vestibular-vegetative disorders in space flight	1974
19740080843	Peculiarities of human blood circulation caused by spaceflights	1974
19740081289	Japan: Nuclear, missile, space, and defense developments, no. 188	1974
19740081653	France: Nuclear, missile, and space development, no. 370	1974
19740081662	Pre- and postflight biochemical analyses of cosmonauts' blood and urine	1974
19740081716	The October 1973 NASA mission model cost and economic analysis	1974
19740081723	Thermal performance of a customized multilayer insulation (MLI)	1974
19740081727	Measurement of force of principal muscle groups	1974
19740082364	Japan: Nuclear, missile, space, and defense developments, no. 187	1974
19740082372	A study of celestial objects of high angular momentum	1974
19740082373	Studies of Jupiter's atmosphere	1974
19740082377	An engineering model attitude control system electronics package	1974
19740082381	CO2 photodissociation and vibrational excitation in the planetary atmospheres	1974
19740082382	Chemiluminescent measurement of atmospheric acid	1974
19740082383	Thermodynamics properties of interstitial elements in the refractory metals	1974
19740082385	Low speed inducers for cryogenic upper-stage engines	1974
19740082387	Study of multilayered insulation pipe penetration and thermal acoustic oscillation	1974
19740082388	Composite tanks with load sharing liners (ADD-ON)	1974
19740082390	Small, high pressure hydrogen turbopump	1974
19740082401	Physics of sub-micron cosmic dust particles	1974
19740082405	Lymphoid cell kinetics under continuous low dose-rate gamma irradiation: A comparison study	1974
19740082406	X-ray astronomy	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740082409	Radioactivities in returned lunar materials	1974
19740082412	Digital adaptive flight controller development	1974
19740082413	Effects of aircraft design STOL ride quality: A simulator study	1974
19740082414	Multidisciplinary research in the space sciences. Scope B: Experimental X-Ray astronomy	1974
19740082415	Semiannual status report 10, 1 August 1973 1 February 1974	1974
19740082416	Composite tanks with load sharing liners	1974
19740082417	Study of the distribution of extra-ionic electrons in semi-metallic environments by nuclear quadrupole resonance techniques	1974
19740082418	A unified metabolism detector for Mars	1974
19740082420	Fourteenth quarterly report	1974
19740082421	Progress report, 1 August 1973 - 31 January 1974	1974
19740082422	Spectrophotometric study of asteroids	1974
19740082424	X-ray astronomy	1974
19740082430	Extended temperature range ACPS thruster investigation	1974
19740082503	Small, high pressure oxygen turbopump	1974
19740082504	Test evaluation of overwrapped pressure vessels	1974
19740082505	Extended temperature range ACPS thruster investigation	1974
19740082508	Low speed inducers for cryogenic upper-stage engines	1974
19740082509	Lightweight vacuum jacket for cryogenic insulation	1974
19740082513	Lightweight thermally efficient composite feedings	1974
19740082521	Electron microscopic services and research on the flight experiment drosophila biology in space	1974
19740082525	Development of sputtered techniques for thrust chambers	1974
19740082526	Feasibility study of using satellites for a disaster warning system	1974
19740082528	Fiber/epoxy filament wound vessel	1974
19740082529	Semiannual Status Report	1974
19740082530	Fluid dynamic and heat transfer problems of modern air breathing propulsive systems	1974
19740082531	Control optimization, stabilization and computer algorithms for aircraft applications	1974
19740082532	Quarterly Progress Report, 1 November 1973 - February 1974	1974
19740082534	OGO-5(E-24) plasma wave detector and theoretical analysis of wave-particle interactions in the magnetosphere and solar wind	1974
19740082538	Some characteristics of fructose 1,6-diphosphatase activity in rat liver	1974
19740082540	Small, high speed seal technology. Rotating machinery and hydrodynamics	1974
19740082547	Cryogenic thin metal lined filament wound graphite composite vessels	1974
19740082553	Definition of mutually optimum NDI and proof test criteria for 2119 aluminum pressure vessels	1974
19740082669	Origin of chondrites from relationships between key trace elements	1974
19740082675	CAT detection system instrumentation	1974
19740082693	Software engineering and specification validation. Computer-aided software engineering program, software capabilities description	1974
19740082704	Technique for developing equipment failure rate K factors	1974
19740082723	Evaluation of laser range finder/designator Northrop ISTAR Mark 2 systems Hunter-light military Reservation, Jolon, California, October 1973	1974
19740082724	Position location reporting system	1974
19740082804	Wall mounted heat exchanger characterization	1974
19740082817	Lightweight vacuum jacket for cryogenic insulation	1974
19740082821	Effect of thermal profile on cyclic flaw growth in aluminum	1974
19740082934	Conduct an operational evaluation of the UHF satellite ship/submarine SATCOM terminal AN/WSC-3 (U)	1974
19740082962	Conduct an operational evaluation of the A-6E attack navigation system (U)	1974
19740083172	Narrow beam source study (U)	1974
19740083259	Semiannual status report	1974
19740083284	Technical consulting services for earth resources program	1974
19740083289	Study of multilayered insulation pipe penetration and thermal acoustic oscillation	1974
19740083295	Effects of weightlessness on gross body composition in the rat	1974
19740083296	Electron beam facility experiment space processing	1974
19740083300	Theoretical investigation of the constitution of the moon and the planets	1974
19740083302	Study into effects of oxidized titanium surfaces on hydrogen transport in titanium at low temperature	1974
19740083352	Surface acoustic wave devices	1974
19740083368	First article testing of two, type MS 90344-1, nickel-cadmium batteries, manufactured by Marathon Battery Company under contract N00383-73-C-0682	1974
19740083369	Development of the shaped field superconductive motor	1974
19740083370	Flight test evaluation and calibration of AIMS airborne ATRBS equipment in the C/V-118 aircraft	1974
19740083371	Telemetry calibration test report, S3-2 satellite without payloads	1974
19740083373	Simulation altitude performance of five Thiokol Chemical Corporation T-344 Titan 2 retromotors having ages from 128 to 130 months	1974
19740083374	Basic Integrated Aircraft Command and Control (BIACC)	1974
19740083382	AFAR program, volume 1	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740083383	Low-bulk one-man life raft	1974
19740083451	Rivet Redskin OT and E: Tactics addendum (U)	1974
19740083457	Airborne electro-optical target signature study (U)	1974
19740083462	Service life listing and surveillance status of propulsion devices and auxiliary power systems, revision 1, change 4 (U)	1974
19740083464	Ferrite RAM (U)	1974
19740083469	USAMICOM infrared imaging seeker (U)	1974
19740083471	Hybrid RAM structures (U)	1974
19740083473	F-4E Digital Signal Transfer Unit and Multisensor Display System (DSTUMDS) (U)	1974
19740083475	Aerodynamic characteristics of the Martin Marietta integral rocket/ramjet missile at Mach numbers from 0.55 to 1.30 (U)	1974
19740083480	Millimeter wave radiometer signal processing (U)	1974
19740083486	Guidance, navigation, and control concepts for a flyable ejection seat, volume 2 (U)	1974
19740083491	Electra-Acoustic Gun Localizer Equipment (EAGLE) (U)	1974
19740083492	Controllable propellant development (U)	1974
19740083501	Check/operational test of DRAGON training equipment (U)	1974
19740083503	Aircraft structural fatigue life program (U)	1974
19740083504	Optical sensor research (U)	1974
19740083510	TISEO ECP 11 (U)	1974
19740083514	Ablators for ramjet thermal protection (AIRS-2) (U)	1974
19740083515	Evaluation of surface wave launchers (U)	1974
19740083587	Conduct an operational assist test of the AN/SPS-30 phase scan antenna (U)	1974
19740083592	An EMC analysis of five potential satellite earth station sites in Germany (U)	1974
19740083627	Assessment program on missile surveillance (U)	1974
19740083651	Laser systems impact investigation (U)	1974
19740083659	Lower sideband study, mathematical model and learn software (U)	1974
19740083674	A new transport aircraft: The Dassault Mystere-30	1974
19740083678	Certification of satellite communications set AN/WSC-3 aboard the USS Ainsworth (DE 1090)	1974
19740083725	PLRS program	1974
19740083731	Qualification of Gulton Industries, Incorporated type MS90377-1 nickel-cadmium battery, employing modified low frequency vibration test	1974
19740083780	Night observation device, medium range (AN/TVS-4) extended range objective lens test report. Appendix C: Countermeasure evaluation (U)	1974
19740083801	Lessons learned, Headquarters, 1st Aviation Brigade (U)	1974
19740083807	Test of 25-millisecond interval setting of the SUU-13C/A dispenser (U)	1974
19740083814	AN/SQS-26 medior signal processor: Final development, test and evaluation report (U)	1974
19740083818	Evaluation of personnel and training requirements for the S-3A aircraft (U)	1974
19740083820	Remotely activated stores system: Exploratory development, phase 8. System integration with NOL, hybrid decoder production, roll rate sensitivity tests, semiconductor detector investigation, flight tests (U)	1974
19740083821	Fuel and motor evaluations and air-to-surface missile applications of the solid fuel ramjet (U)	1974
19740083853	Combat sage. PACAF weapon system evaluation program (U)	1974
19740083904	Spaceflight tracking and data network study program	1974
19740083905	The 50 micron - 1000 micron observations of strong sources with a lamellar grating interferometer on the C-141 infrared telescope	1974
19740083929	Deleted record	1974
19740083935	Deleted record	1974
19740083937	Deleted record	1974
19740083938	Deleted record	1974
19740083939	Deleted record	1974
19740083940	Deleted record	1974
19740083947	Deleted record	1974
19740083948	Deleted record	1974
19740083949	Deleted record	1974
19740083950	Deleted record	1974
19740083951	Deleted record	1974
19740083952	Deleted record	1974
19740083953	Deleted record	1974
19740083954	Deleted record	1974
19740083955	Deleted record	1974
19740083956	Deleted record	1974
19740083957	Deleted record	1974
19740083958	Deleted record	1974
19740083960	Deleted record	1974
19740083966	Deleted record	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740083978	First article tests of two type MS 17334-2, nickel-cadmium batteries manufactured by Gulton Battery Corporation under contract N00383-72-C-5222	1974
19740083980	SATS launch bulletins	1974
19740084000	Demonstration of advanced ICBM components, phase 2, volume 2 (U)	1974
19740084001	Demonstrations of advanced ICBM components, phase 1, volume 1 (U)	1974
19740084006	Analytical and experimental investigation of ramjet missile systems. Volume 1: Summary (U)	1974
19740084008	Analytical and experimental investigation of ramjet missile systems. Volume 3: Systems analysis and design (U)	1974
19740084009	Attack helicopter-daylight offense (USACDEC experiment 43.8). Volume 6: Scout helicopter handoff to high performance aircraft, supplement 1 (U)	1974
19740084012	An experimental broadband L-band dipole (Project DUBSUR) (U)	1974
19740084027	Night photographic system (U)	1974
19740084030	Tactics and techniques evaluation of A-7D degraded system bombing capabilities (U)	1974
19740084032	OT and E of F-111 D digital computer tapes (WDC/GNC), OFP 115-215 issue D-07 (U)	1974
19740084034	Passive tracking study (U)	1974
19740084036	AH-1J 2.75 inch chaff rocket tests (U)	1974
19740084038	Initial production test of laser range finder, AN/VVG-1 for Sheridan, m551 (U)	1974
19740084041	Development of the Mark 71 mod 0 warhead for the advanced Sparrow 3, AIM-7F missile (U)	1974
19740084042	Flight test of long range laser designator (Long Knife) (U)	1974
19740084049	Five year test program FY 74-78 (includes FY 79-80 for programming), volume 1 (U)	1974
19740084050	Five year test program FY 74-78 (includes FY 79-80 for programming), volume 2 (U)	1974
19740084051	Development of htpb propellants for air launched missiles (U)	1974
19740084056	Five year test program FY 74-78 (includes FY 79-80 for programming), volume 3 (U)	1974
19740084099	Shadow technique as a potential deceptive electronic countermeasure for monopulse radars: Development and testing (U)	1974
19740084100	Optical measurements on Sidewinder 1A units (U)	1974
19740084101	Radar ionospheric propagation effects determined from one-way path tests (U)	1974
19740084113	Status report on component development programs for naval airborne EW systems (U)	1974
19740084114	TRIAD measurements of irradiance from a liquid-propellant missile engine (U)	1974
19740084132	Analytical and experimental investigation of ramjet missile systems. Volume 5: Guidance and control (U)	1974
19740084134	High efficiency Visual Radiation Source (VRS) study (1) (U)	1974
19740084152	Design, fabrication and test of unidirectional Multi-fiber laminates	1974
19740084159	Detailed test objectives for the extended long tank Delta launch vehicle, spacecraft: ITOS-G	1974
19740084160	An investigation of improved control methods for light and general aviation aircraft	1974
19740084161	Study of effects of injector geometry on fuel-air mixing and combustion	1974
19740084162	Graduate study: Research program in aeronautics and air transportation systems	1974
19740084173	France: Nulcear, missile and space development, GUO no. 372	1974
19740084175	Study of relation between Pc 3 micropulsations and magnetosheath fluctuations, and multisatellite investigation of earth's bow shock	1974
19740084176	Measurement of the near-ultra violet spectrum of Venus	1974
19740084178	Feasibility study of using satellites for a disaster warning system	1974
19740084181	The effect of changing gravity and weightlessness on vasopressin control systems	1974
19740084182	Simultaneously-measured helium ion fluxes	1974
19740084184	A comparison of dustsonde and lidar measurements of stratospheric aerosols	1974
19740084185	Programmer's reference manual	1974
19740084186	Synthesis of improved polyphenylquinoxalines	1974
19740084187	Design and development of polyphenylene oxide foam as a reusable internal insulation for LH2 tanks	1974
19740084188	Synthesis of improved polyphenylquinoxalines	1974
19740084189	Resin/graphite fiber composites	1974
19740084191	Fiber/epoxy filament wound vessel	1974
19740084193	Synthesis of dianhydrides and diamines as polymer precursors	1974
19740084194	Dynamics of unsteady cavitating cascades	1974
19740084195	The effect of changing gravity and weightlessness on vasopression control systems	1974
19740084197	Continuation of Pioneer 9 data analysis	1974
19740084200	The role of an eye tracker device in cockpit display systems	1974
19740084201	Chromosome rejoining and recessive lethals in Drosophila	1974
19740084202	Semiannual status report, ending 15 March 1974	1974
19740084203	Astrometric observations of comets and asteroids and subsequent orbital investigations	1974
19740084204	Galactic and extragalactic infrared line emission	1974
19740084205	Ionospheric research	1974
19740084206	Measurement of hydroxyl temperatures in the upper atmosphere with a high sensitivity spectrometer	1974
19740084207	The iterative solution of the problem of orbit estimation using Chebyshev series	1974
19740084208	An experimental study of dynamic stall in an oscillating airstream	1974
19740084293	Position location reporting system	1974
19740084294	Helicopter/VSTOL aircraft deck stability and securing system analysis second stage sea control ship	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084295	Manufacturing methods for a computerized forging process for high strength materials	1974
19740084296	An EMC analysis of five potential satellite earth station sites in Germany	1974
19740084299	Pumps and local oscillators	1974
19740084337	Test procedure Poseidon/Trident 1 test missile recovery system, Skycatch Mark 2, mod 1	1974
19740084338	Sparrow 3 missile processing at Naval Weapons Stations: Evaluation of	1974
19740084340	Evaluation of three state-of-the-art Doppler navigation systems	1974
19740084345	Evaluation of a head-up display used as an aid in performing steep-angle approaches	1974
19740084355	First article testing of oscilloscope AN/USM-296	1974
19740084388	SAM-D engineering development status. Volume 1: Narrative summary	1974
19740084392	First article tests on wattmeter AN/URM-120	1974
19740084410	Air Traffic Management Automated Center (ATMAC) concept formulation study (computer model). Volume 2: Classified supplement. Technical report (tradeoff determination studies) (U)	1974
19740084424	New polymer slurries for hydrodynamic drag reduction (U)	1974
19740084437	Three degrees of freedom trajectory analysis and simulation of the extended range vehicle ERV/HOBOS (U)	1974
19740084445	Air-to-air weapons effectiveness test (AIRVAL) program plan (U)	1974
19740084446	Investigation of series engine concept for modern ramjet system synthesis (U)	1974
19740084453	Projectile delivery techniques study (U)	1974
19740084455	Safe tactical hybrid propulsion system (U)	1974
19740084461	High-frequency propagation in a disturbed environment (U)	1974
19740084466	Cost estimating relationships for tactical missile RDT/E (U)	1974
19740084472	Cool-burning solid gun propellant (U)	1974
19740084477	Laser pulse repetition frequency: System accuracy tradeoff study (U)	1974
19740084478	Response of two aerospace structural metals to X-ray heating (U)	1974
19740084483	Development of the GEMP EMP code (U)	1974
19740084486	Navy evaluation of the AH-1J improved SEACOBRA (U)	1974
19740084492	Improved modified advanced forward looking infrared (MAFLIR) system development and performance tests (U)	1974
19740084493	Unique grain retention system for end-burning, air-launched rocket motors (U)	1974
19740084498	Effect of multiple-jammer attack geometry on radars protected by multiple sidelobe-canceller loops (U)	1974
19740084499	Improved methods for weapon delivery accuracy analysis - evaluation of A-7D (U)	1974
19740084500	Comparison of GE-Rheinmetall and BRL-FA 30mm shallow-cone shaped charge rounds (U)	1974
19740084525	Optical countermeasures (OCM) system (U)	1974
19740084539	Laser aided weapon delivery countermeasure system study (U)	1974
19740084544	Target Activated Sensor (TAS) advanced technology study (U)	1974
19740084548	Application of expendable turbojet engines to Navy cruise missiles (U)	1974
19740084551	Hydrofoil infrared radiation distribution analysis (U)	1974
19740084568	Optical augmentation techniques study (U)	1974
19740084569	Combat Sage. PACAF weapons system evaluation program (U)	1974
19740084588	An octave bandwidth TWT with dual-mode capability (U)	1974
19740084594	Combat Sage PACAF weapons system evaluation program (U)	1974
19740084596	A vulnerability study of the AH-1G and OH-58 helicopters (U)	1974
19740084598	Time, space, Position, Information (TSPI) study. Appendix C: Advanced Location Strike System (ALSS), operational descriptions and range instrumentation capabilities (U)	1974
19740084605	Operational evaluation of the EA-6B tactical electronic warfare aircraft, phase 2 (U)	1974
19740084620	GEOP (geodesy/solid-earth and ocean physics) research conferences	1974
19740084622	Various aspects of the study of thermodynamic effects on developed cavitation	1974
19740084627	High-performance, low-cost, self-contained spacecraft power system	1974
19740084655	Digital adaptive flight controller development	1974
19740084656	Mars-related biological studies	1974
19740084657	Investigation of the unsteady pressure distribution on the blades of an axial flow fan	1974
19740084658	Solar wind interactions	1974
19740084660	CO2 photodissociation and vibrational excitation in the planetary atmospheres	1974
19740084661	Rocket probes for the F-region	1974
19740084662	Semiannual progress report, 1 October 1973 - 1 April 1974	1974
19740084663	Radiation measurements from polar and geosynchronous satellites	1974
19740084664	Program for investigation of aerodynamic noise causality in jet-blown flaps	1974
19740084665	Development of high temperature resistant graphite fiber coupling agents	1974
19740084666	Composite tanks with load sharing liners (ADD-ON)	1974
19740084667	Design, fabrication and testing of a variable conductance, constant temperature heat pipe	1974
19740084668	Development of polyphenylquinoxaline/graphite composite	1974
19740084669	Semiannual progress report, 1 September 1973 - 28 February 1974	1974
19740084670	Lightweight vacuum jacket for cryogenic insulation	1974
19740084671	Study of multilayered insulation pipe penetration and thermal acoustic oscillation	1974
19740084672	Design, processing, and testing of LSI arrays for space station	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740084674	Design, fabrication and test of unidirectional multi-fiber laminates	1974
19740084675	Development of autoclavable polyimides	1974
19740084678	Definition of mutually optimum NDI and proof test criteria for 2219 aluminum pressure vessels	1974
19740084679	Analytics of crystal growth in space	1974
19740084680	Feasibility study of using satellites for a disaster warning system	1974
19740084681	Lamination residual stresses in fiber composites	1974
19740084682	Test evaluation of overwrapped pressure vessels	1974
19740084689	An experimental investigation of the round turbulent jet exhausting into a subsonic cross flow	1974
19740084691	High resolution infrared radiation sounder for the nimbus f spacecraft	1974
19740084692	Computer-aided design and computer graphics	1974
19740084745	Surveillance of Shrike AGM-45A rocket motors Mark 39 mods 3, 4 and 7 and rocket motor Mark 53 mod 1 (U)	1974
19740084748	F-14/AWG-9 tactical program functional description, volume 2B (U)	1974
19740084749	F-14/AWG-9 tactical program functional description, volume 2A (U)	1974
19740084750	F-14/AWG-9 tactical program functional description, volume 1 (U)	1974
19740084755	Microwave identification techniques - fiscal year 1973 results (U)	1974
19740084756	Microwave identification techniques - fiscal year 1972 results (U)	1974
19740084759	Appendix A, Electronic Warfare (EW). Personnel homing system test report analysis (U)	1974
19740084760	Design, development, test and evaluation of the Mk 80 Mod o Shrike warhead (U)	1974
19740084761	Five degrees of freedom hybrid simulation of a guided weapon on an EAI 690 hybrid computer (U)	1974
19740084763	Blast effects on helicopter plexiglas windows (U)	1974
19740084764	Stabilization and control subsystem design and evaluation for a microwave radiometric sensor (U)	1974
19740084765	Current lethality estimates of the chaparral system with the XM-250 warhead versus a fighter-bomber target (U)	1974
19740084769	The biological effects of plexiglas fragments (U)	1974
19740084771	Evaluation of commandable audio engine detector (CAEDET) (U)	1974
19740084779	Test of the laser guided Maverick (U)	1974
19740084780	Concepts for FLTSATCOM/HF system integration (U)	1974
19740084785	Constant code phase 1 engineering change proposal (ECP) 0046 (U)	1974
19740084799	Digital change detection analysis. Volume 4: FOPEN 1A radar imagery (U)	1974
19740084827	Static-stability characteristics of the advanced control experiment ACE biconic vehicle at Mach numbers from 3 to 10 (U)	1974
19740084829	Long arc high power source development (U)	1974
19740084839	Longe range infrared seeker evaluation (U)	1974
19740084843	Development of a half octave X-band traveling wave tube amplifier (U)	1974
19740084849	Constant wake phase 1B (U)	1974
19740084853	Assessment of practicality of remote sensing techniques for a study of the effects of strip mining in Alabama	1974
19740084877	France: Nuclear, missile, and space developments, no. 371	1974
19740084898	Detector development for the study of high energy cosmic rays	1974
19740084899	Unified network planning study	1974
19740084900	Magnetic studies on meteorites	1974
19740084903	Digital adaptive flight controller development	1974
19740084904	Studies of lunar remnant magnetism and of interplanetary plasma discontinuities	1974
19740084905	Orbit improvement of the satellites of the outer planets	1974
19740084906	Magnetospheric structure and radiation mechanisms of pulsars	1974
19740084907	Studies related to the surfaces of the moon and planets	1974
19740084908	Research into planetary atmospheres and interiors	1974
19740084909	Theoretical investigation of multiphase in the Jupiter interior and possible relationships to the behavior of the outer atmospheric layers	1974
19740084910	FM/CW radar concepts	1974
19740084911	Lunar data analysis and synthesis program on lunar surface dynamics	1974
19740084938	Sampling tests of one type MS 3319-1 nickel-cadmium battery, manufactured by Gulton Battery Corporation under contract N00383-72-C-3184	1974
19740084961	Sampling tests of eight, type MS 90321-86, nickel-cadmium cells, manufactured by Marathon Battery Company, under contract N00383-73-C1216	1974
19740084965	Comparative test chemical/biological (CB) disposable overgarment	1974
19740084973	Desert and Artic camouflage garnishes	1974
19740084977	Flight test, evaluation and calibration of AIMS airborne ATRBS equipment in the EA-6A airplane	1974
19740084986	AN/ASN-86, AN/ARN-103 flight test data analysis, phase 1	1974
19740084987	Submarine power supply - bipolar, high power, high current, low noise. Phase 1: Design studies	1974
19740084990	USS Constellation ACLS certification trials	1974
19740085000	Fan back pressure program	1974
19740085003	Compatibility test of selected non-nuclear stores on the A-7D aircraft (phase 2) (Seek Eagle)	1974
19740085013	Pulsed neutron source using a laser beam	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085015	Impact strengths of carbon fiber composites	1974
19740085020	Increasing design allowables for a graphite	1974
19740085021	Conduct an operational assist of the integrated target control system	1974
19740085024	Deployment demonstration test report, S3-1 satellite	1974
19740085025	Experimental data handling input circuitry	1974
19740085027	The impact of precision guided munitions on Army planning and doctrine	1974
19740085030	SST technology follow-on program-Phase 2. Crack propagation and residual strength testing of titanium structure	1974
19740085033	Quenching of hydrogen vibrations by water	1974
19740085035	Test loading of the US Army Defense Command, control and coordination system, AN/TSQ-73	1974
19740085036	Position location reporting system	1974
19740085040	TF41-A-2 component improvement evaluation - transient test	1974
19740085044	Federal Republic of Germany (FRG) LANCE peculiar vehicle design changes, Diehl 213 B track assemblies	1974
19740085047	Deployable UHF spacecraft antennas	1974
19740085048	Advanced interceptor case testing	1974
19740085049	Sealed nickle-cadmium cells for hybrid battery applications	1974
19740085050	Improved automated tape laying machine	1974
19740085052	Plasma-arc welding of naval structural alloys	1974
19740085056	Stand off target acquisition IR sensor	1974
19740085070	A global scale engineering atmospheric model for surface to orbital altitudes. 1: Technical description	1974
19740085071	Technical consulting services for earth resources program	1974
19740085077	Summary of discussions and actions, Thirty-first meeting, Aeronautics and Space Engineering Board	1974
19740085078	Small bodies and the outer planets	1974
19740085079	Small, high speed seal technology. Rotating machinery and hydrodynamics	1974
19740085080	Transverse header heat pipe	1974
19740085082	Development of sputtered techniques for thrust chambers	1974
19740085083	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation system	1974
19740085084	The effect of shock wave compaction on the transition temperatures of A15 structure superconductors	1974
19740085085	The Stanford gyro relativity experiment	1974
19740085092	Development of a high power, supersonic flow - transverse discharge carbon monoxide laser	1974
19740085093	Oblique wing remotely piloted research aircraft. Volume 3: Operating procedures	1974
19740085094	Time variations of UV emission features of Be stars	1974
19740085095	Rocket and laboratory studies in aeronomy and astrophysics	1974
19740085096	Development of inverse inviscid transonic solution methods	1974
19740085097	Field, support, data analysis and associated research and development for the acoustic grenade sounding program	1974
19740085098	Oblique wing remotely piloted research aircraft. Volume 2: Design drawings	1974
19740085100	Far infrared observations of galactic and extragalactic sources of radiation	1974
19740085101	Research in solar ultraviolet spectroscopy	1974
19740085102	Study of multilayered insulation pipe penetration and thermal acoustic oscillation	1974
19740085103	The effect of shock wave compaction on the transition temperatures of A15 structure superconductors	1974
19740085104	Development of sputtered techniques for thrust chambers	1974
19740085106	Experimental and theoretical investigation of plasma radiation	1974
19740085107	Study of multilayered insulation pipe penetration and thermal acoustic oscillations	1974
19740085108	Composite tanks with load sharing liners (add-on)	1974
19740085109	Effect of thermal profile on cyclic flaw growth in aluminum	1974
19740085110	Design, fabrication and test of unidirectional multi-fiber laminates	1974
19740085111	Small, High pressure oxygen turbopump	1974
19740085112	Effect of thermal profile on cyclic flaw growth in aluminum	1974
19740085113	Design, fabrication and test of unidirectional multi-fiber laminates	1974
19740085114	Solid-state radar seeker (U)	1974
19740085145	Improved IMPATT diode structures	1974
19740085155	REMBASS frequency synthesizer, phase 2	1974
19740085156	High-speed Low-Level Aerial Delivery System (HSLLADS). Tactics addendum	1974
19740085157	Electromagnetic compatibility test report for recognition set AN/ASX-2	1974
19740085158	Bulk control components for microwave integrated circuits	1974
19740085159	Transonic magnus, static stability, and axial force characteristics of the 8 inch XM673 and XM650 projectiles	1974
19740085160	Sampling tests of 17 type MS90321-66W nickel-cadmium cells, manufactured by Marathon Battery Company under contract N00383-73-C-2016	1974
19740085165	The Artemis position-fixing system	1974
19740085166	PEM for high current, fast-switching transistors	1974
19740085167	NASA lunar farside	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085182	Gun air defense effectiveness study. Volume 2. Analysis and technical data (U)	1974
19740085183	Gun air defense effectiveness study. Volume 1. Executive summary (U)	1974
19740085195	Developmental test 2 (SP) of night vision sight, infrared, AN/TAS-3, for use on DRAGON and tow weapon systems (U)	1974
19740085197	A-7 infrared suppression component development and system design (U)	1974
19740085199	BQM-34A remotely piloted vehicle vulnerability study, book 2 (U)	1974
19740085200	Chemical laser technology studies (U)	1974
19740085201	Sparrow 3 (AIM-7E) missile accelerated reliability test (U)	1974
19740085204	Airborne antenna design study using wire grid modeling. Volume 1: Long wavelength antenna program applications (U)	1974
19740085205	Fast system and processor design (U)	1974
19740085206	AIM-7E-2 modification (U)	1974
19740085207	Adaptive spread spectrum study (U)	1974
19740085209	F-14/AWG-9 ACM launch zone entry analysis (U)	1974
19740085211	AGM-65A scene magnification captive flight test (U)	1974
19740085217	Reentry Vehicle Materials Technology (REVMAT) program. Erosion characteristics of carbon-carbon nosetip materials (U)	1974
19740085218	Evaluation of active/passive scanning system Aberdeen Proving Ground, Maryland, 25 January - 3 February 1974 (U)	1974
19740085219	Ferrite RAM (U)	1974
19740085220	Turbine engine low pressure duct burner/ramburner (U)	1974
19740085223	Exercise RIMPAC 73 TASDA 3A system operational evaluation (U)	1974
19740085225	AN/AWG-10A limited technical evaluation (U)	1974
19740085229	BQM-34A remotely piloted vehicle vulnerability study, book 1 (U)	1974
19740085230	Dual mode seeker tests (U)	1974
19740085231	Design of a dual safe, safe and ar device (S and A) for the Hellfire missile (U)	1974
19740085236	Some performance and aerodynamic design aspects of air launched micro-fighters with jumbo jets as carriers (U)	1974
19740085237	Atmospheric deionization codes and deionization solutions (U)	1974
19740085259	A study of the secondary IR sources on the AH-1G and OH-58A helicopters (U)	1974
19740085261	An interference rejection antenna system (U)	1974
19740085280	Design verification study (U)	1974
19740085284	Electronic Support Measure (ESM) processor test and evaluation (U)	1974
19740085293	Continuation of coherent optical processor study (U)	1974
19740085301	Flight evaluation of the dual channel bandwidth compressor (U)	1974
19740085309	FB-111/SCRAM (U)	1974
19740085313	Navigator-observer utilization field flying specialties study. Appendix 1: Present and future roles of the navigator (U)	1974
19740085316	FB-111/SRAM (U)	1974
19740085318	FB-111/SRAM (U)	1974
19740085319	FB-111/SRAM (U)	1974
19740085320	FB-111/SRAM (U)	1974
19740085339	FB-111/SRAM OT and E (U)	1974
19740085340	B52/SRAM OT and E sortie summaries (U)	1974
19740085382	Carbon-fibre spars for model rotor blades	1974
19740085385	Small, high pressure oxygen turbopump	1974
19740085386	Japan: Nuclear, missile, space, and defense developments, no. 191	1974
19740085387	France: Nuclear, missile, and space developments, GUO no. 373	1974
19740085390	The investigation of O and N2 densities from the OSO-7 extreme UV data	1974
19740085391	Experimental and theoretical investigation of plasma radiation	1974
19740085392	Semiannual status report, 1 September 1973 - 28 February 1974	1974
19740085394	Energy transfer in isotropic turbulence	1974
19740085395	Laboratory plasma probe studies	1974
19740085396	Theoretical and experimental studies of atmospheric structure and dynamics, using high altitude chemical release, radio meteor and meteorological rocket network and other data	1974
19740085397	Semiannual report, 1 July - 31 December 1973	1974
19740085398	Studies of the effects of gravitational and inertial forces on cardiovascular and respiratory dynamics	1974
19740085399	The response factors of acoustic liners and the unsteady combustion process in unstable liquid propellant rocket motors	1974
19740085401	Analysis of satellite data for sensor improvement	1974
19740085403	Study of relation between Pc 3 micropulsations and magnetosheath fluctuations, and multisatellite investigation of earth's bow shock	1974
19740085406	Small, high pressure oxygen turbopump	1974
19740085407	Effect of thermal profile on cyclic flaw growth in aluminum	1974
19740085408	Lightweight thermally efficient composite feedlines	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085409	Monthly progress report	1974
19740085410	Small, high pressure hydrogen turbopump	1974
19740085411	Working model of the London moment readout system	1974
19740085412	Small, high pressure oxygen turbopump	1974
19740085413	Physiological responses to environmental factors related to space flight	1974
19740085416	Research on high intensity combustion and NOx formation in a turbine engine combustor	1974
19740085418	Acoustic energy effects in sleep and human performance	1974
19740085422	Third progress report, 13 December 1973 - 13 March 1974	1974
19740085424	Semiannual report, 1 July - 31 December 1973	1974
19740085427	Interference problems on wing-fuselage combinations. Part 4: The design problem for a lifting swept wing attached to a cylindrical fuselage	1974
19740085430	Measurements of the three-dimensional incompressible turbulent boundary layer induced on the surface of a slender delta wing by the leading edge vortex	1974
19740085432	Facilities for testing blast protective equipment for aircrew	1974
19740085433	A comparison of flight loads counting methods and their effects on fatigue life estimates using data from Concorde	1974
19740085435	Small, high speed seal technology	1974
19740085436	Quarterly progress report section	1974
19740085437	Thermal radiation from interplanetary dust	1974
19740085438	Semiannual report	1974
19740085439	Boundary layer transition in hypersonic nozzles	1974
19740085440	Interdisciplinary materials research	1974
19740085441	Technical consulting services for earth resources program	1974
19740085442	Mapping galactic center from NASA C141	1974
19740085443	Semiannual status report, 1 October 1973 - 31 March 1974	1974
19740085445	Geochemical investigation of meteoritic analogs of lunar materials	1974
19740085446	Electrochemical generation of oxygen	1974
19740085447	Theoretical research in astrophysics and atmospheric and space physics	1974
19740085448	Program of research in flight sciences	1974
19740085450	Rare earth compounds: Hydrothermal crystal growth	1974
19740085451	Analysis of microwave radiometer measurements of a water tank surface	1974
19740085452	Study of the flow near the foot of the weak shock terminating a region of supersonic flow	1974
19740085453	Filament-wound composite vessels	1974
19740085454	Non-magnetic structural steels and alloys	1974
19740085457	Semiannual Report, 1 December 1973 - 31 May 1974	1974
19740085458	Lightweight vacuum jacket for cryogenic insulation	1974
19740085459	Design, fabrication and test of unidirectional multi-fiber laminates	1974
19740085461	Pulsed electromagnetic gas acceleration	1974
19740085462	Theoretical and experimental studies of space-related plasma wave propagation and resonance phenomena	1974
19740085463	Surface mapping of Mars and related comparative geologic studies	1974
19740085464	Microelectronic components and metallic oxides	1974
19740085467	Definition of mutually optimum NDI and proof test criteria 2219 aluminum pressure	1974
19740085468	Monopropellant engine investigation for space shuttle reaction control system	1974
19740085469	Definition of mutually optimum NDI and proof test criteria 2219 aluminum pressure vessels	1974
19740085470	Coordinated analysis of data	1974
19740085471	Small bodies and the outer planets	1974
19740085472	Physical properties of molecular clouds	1974
19740085473	Development of sputtered techniques for thrust chambers	1974
19740085474	Composite tanks with load sharing liners	1974
19740085475	Low speed inducers for cryogenic upper-stage engines	1974
19740085476	Lightweight vacuum jacket for cryogenic insulation	1974
19740085477	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation system	1974
19740085478	France: Nuclear, missile, and space developments, GUO no. 376	1974
19740085480	SS/RCS surface tension propellant acquisition/expulsion tankage technology	1974
19740085481	Spacecraft radio frequency listing, volume 13, no. 1	1974
19740085482	Dynamics of unsteady cavitating cascades	1974
19740085486	Immiscible alloys, ground base studies	1974
19740085488	Spectrum/orbit utilization program user's manual	1974
19740085489	Lightweight thermally efficient composite feedlines	1974
19740085490	Updated optical read/write memory system components	1974
19740085491	Study of multilayered insulation pipe penetration, thermal acoustic oscillation	1974
19740085492	The effects on subsequent sleep of an acute restriction of sleep length	1974
19740085493	Study of MS/MS convection	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085495	Definition of mutually optimum NDI and proof test criteria for 2119 aluminum pressure vessels	1974
19740085618	Standardization of signal generators, tasks C and D, phases 1, 2, and 3	1974
19740085624	AN/TSQ-91(V) operational and recording program patch for flight endurance monitoring	1974
19740085636	Emission and immission analyses of air pollutants by means of the laser	1974
19740085641	Accelerated service test of the J52-p-8B engine incorporating air cooled first stage turbine nozzle guide vanes	1974
19740085652	Engineering evaluation of the Rotax transformer rectifier unit tru part of the AV-8A electric power system	1974
19740085669	Replacement of AN/APS-115 magnetron, type SFD-367, with AN/APS-80 magnetron, type 8855	1974
19740085674	Self-contained land navigation systems test report	1974
19740085678	Evaluation of MIL-L-23699 lubricating oil performance in the T56 engine	1974
19740085681	Test reports; system performance tests, after shock and after thermal-vacuum S3-1 satellite	1974
19740085689	MAC participation in joint service testing of the intermodal modular container (MODCON)	1974
19740085695	Effects of internal blast on combat aircraft structures. Volume 2: User's and programmer's manual	1974
19740085712	Simulation and evaluation of the Single-Path-Doppler/Miss-Distance-Measurement SPD/MDM system for exatmospheric intercept applications, phase 2	1974
19740085713	The effect of stress ratio on high cycle fatigue and corrosion fatigue of HY-130 steel weldments	1974
19740085714	Non-tipoff tube launcher flight test program. Amendment	1974
19740085718	First article testing of two, type MS 90321-79W, nickel-cadmium cells, manufactured by Marathon Battery Company, under contract N00383-73-C-0683	1974
19740085720	Chaparral air defense system environmental test program for the AN/DAW-1 guidance section	1974
19740085730	LN-12 maintainability/reliability improvement program. Volume 1: Summary	1974
19740085731	Control-relay set, drone, multiple AN/ASW-35(XN-1)	1974
19740085732	Mass properties test report, S3-1 satellite	1974
19740085735	Out-of-band-frequency investigations of near-field obstacle effects and phased arrays	1974
19740085737	Microwave power chip carriers	1974
19740085738	Equipment and test examples at the Propulsion test center (C. E. Pr.)	1974
19740085741	Naval Air Test Center monitor of in-flight thrust control system static tests	1974
19740085742	AV-8A weapons system aircraft compatibility and flying qualities with the Aero-1D fuel tank and jettison characteristics of the Aero-1D	1974
19740085746	Temperature stable electroacoustic materials	1974
19740085748	Low loss spinel delay line	1974
19740085749	Deployment data (DEPDA) file	1974
19740085750	Thermostructural response of carbon-carbon materials under high heat flux environments, volume 1	1974
19740085752	Initial launch and orbital operations report on performance of Skynet 2a spacecraft during non-nomial transfer orbital operations	1974
19740085753	The 1.8-pound disposable zinc-air battery non-reserve, BA-558()1V	1974
19740085754	Quick release test panel fasteners (no. FM159 AC), user evaluation	1974
19740085755	Ceramic mounted circuit for crossed-field amplifiers	1974
19740085756	Stress corrosion cracking of HY-130 steel plate and welds: Available valid KISCC data	1974
19740085757	Influence of neutron irradiation at 4.6 K on the superconducting properties of niobium	1974
19740085758	On chemical quantum generators (lasers)	1974
19740085760	Beacon tracking reticles for use in optical countermeasure environments	1974
19740085763	Broadband semitransparent photocathode development	1974
19740085764	Engagement conditions for the Stinger missile	1974
19740085768	Flight test evaluation and calibration of aims equipment in the HH-3F helicopter	1974
19740085769	Navy communications	1974
19740085770	Navy medium VTOL design study. Volume 1: Summary document	1974
19740085771	Navy medium VTOL design study. Volume 2, appendix: Detailed performances, weight cost, and reliability and maintainability data	1974
19740085772	LN-12 maintainability/reliability improvement program. Volume 2: Details	1974
19740085774	SAM-D engineering development status. Volume 1: Narrative summary	1974
19740085778	The effect of exit velocity on the infrared radiation intensity of an exhaust plume	1974
19740085784	The transonic and supersonic static stability and drag characteristics of a 105mm high explosive multi-purpose projectile	1974
19740085785	Development of output power reduction for interrogator set AN/UPX-23	1974
19740085791	Initial production test of compressor, 15 CFM, 3500 PSI	1974
19740085792	The 2175 program. Quick and easy design (QED) of systems through high level functional modularity	1974
19740085793	Study of condensation in exhaust plumes	1974
19740085794	Sampling tests of one, Type MS18045-74 nickel-cadmium battery, manufactured by Marathon Battery Company under contracted N00383-73-C-1824	1974
19740085798	HIT-to-Kill homer ground test (HIT phase 2)	1974
19740085801	Qualification test of a Thiokol TE-M-364-15 rocket motor at simulated altitude conditions	1974
19740085802	Integrated NAVSAT/inertial system future test study	1974
19740085804	Delta modulation to pulse code modulation digital code converter	1974
19740085811	Electro-hydraulic bridge-type servo-actuator	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085812	Feasibility of a diffuse surface laser velocity interferometer for study for detonator output	1974
19740085817	Caustic immersion demilitarization of M55 rocket residue	1974
19740085818	Preliminary investigation of effects of distorted source voltages	1974
19740085819	Input protection for MOS circuits	1974
19740085825	Fleet engineering and logistics	1974
19740085826	Static stability and drag characteristics of the HAST missile at Mach numbers 2.25, 3.0 and 4.0	1974
19740085830	Demonstration of advanced cryogenic cooler-infrared detector assembly	1974
19740085834	Parachutes in military operations	1974
19740085838	Surveillance/environmental test of mask, chemical-biological: Aircraft, ABC-M24	1974
19740085839	Pershing	1974
19740085842	Micro-navigator (MICRON) analysis. Modeling, calibration and simulation	1974
19740085862	Pressure distributions on the suction surface of some delta wings at M = 3.5	1974
19740085873	A study of lunar models based on Apollo and other data	1974
19740085884	The solar atmosphere and the structure of active regions	1974
19740085885	NASA-Texas planetary program	1974
19740085886	Iodine 129 as a possible factor in prebiotic synthesis of biopolymers	1974
19740085887	Semiannual status report	1974
19740085888	Monthly progress report, period ending 28 February 1974	1974
19740085889	Nondestructive evaluation of regenerative chambers	1974
19740085894	Computation of cyclic predictor-corrector methods and application to satellite orbit problems	1974
19740085895	Graduate engineering research participation in aeronautics	1974
19740085896	Semiannual status report, 1 October 1973 - 31 March 1974	1974
19740085897	Coherent optical instrumentation for the measurement of small particle parameters	1974
19740085898	Research on gravitational physiology	1974
19740085899	Fluid dynamic and heat transfer problems of modern air breathing propulsive systems	1974
19740085900	Unsteady loads due to propulsive lift configurations	1974
19740085901	Photopolarimetry of small solar-system bodies	1974
19740085902	Laboratory studies of the kinetics of tropospheric and stratospheric aircraft pollutant reactions using atomic and molecular resonance fluorescence	1974
19740085904	Digital adaptive control of a VTOL aircraft	1974
19740085905	Experimental and theoretical studies of ultraviolet phenomena of importance in space astronomy	1974
19740085906	Rocket spectrometer for investigation of the far ultraviolet solar spectrum	1974
19740085907	The effect of gravity-gradient torques on the three dimensional motion of a rotating space station-cable-counterweight system	1974
19740085908	Progress report	1974
19740085910	The Stanford gyro relativity experiment	1974
19740085911	Dissociative recombination coefficients and ion-molecule reaction rates for planetary ionospheric ions	1974
19740085912	Seed freeze tolerance	1974
19740085913	Intercomparison of ground-based and space solar flux measurements	1974
19740085914	Determination of the effects of nozzle nonlinearities upon nonlinear stability of liquid propellant rocket motors	1974
19740085915	Support of solar research and improvement in photoheliographic and spectrographic observations of the sun at the McMath-Hulbert Observatory	1974
19740085916	Jovian satellite eclipse Study 4: Jovian atmosphere aerosols and disc figure	1974
19740085917	GEOP (Geodesy/Solid-Earth and Ocean Physics) research conferences	1974
19740085918	Investigation of the solidification, structure and properties of eutectic alloys including consideration of properties control	1974
19740085920	Physics of sub-micron cosmic dust particles	1974
19740085921	Report on lunar motion analysis and laser data management	1974
19740085923	Stanford gyro relativity experiment	1974
19740085924	Resident fellowship program in computer science	1974
19740085925	Outer planet satellite studies	1974
19740085926	Theoretical and experimental studies related to the particles and fields associated with the major bodies of the solar system and with interplanetary space	1974
19740085927	Interim progress report, 26 March 1974	1974
19740085928	Infrared spectra of molecules and materials of astrophysical interest	1974
19740085929	Processing electrophysiological signals for the monitoring of alertness	1974
19740085930	A practical method for identifying clusters that represent statistical dependences in multivariate data	1974
19740085931	Simultaneously-measured helium ion fluxes	1974
19740085932	Automated microbial metabolism laboratory	1974
19740085933	Research study of ionospheric plasma cloud dynamics	1974
19740085934	On the possibilities of pathogenesis from contact with Martian life forms	1974
19740085935	Spaceflight tracking and data network study program	1974
19740085936	Analytics of crystal growth in space	1974
19740085938	The development of criteria for the design of a low noise level general aviation propeller	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740085939	Lightweight vacuum jacket for cryogenic insulation	1974
19740085940	Test evaluation of overwrapped pressure vessels	1974
19740085941	Robot computer problem solving system	1974
19740085942	Preliminary report on CV-990 shuttle simulation mission no. 1 (ASSESS program: Airborne Science/Shuttle Experiment System Simulation)	1974
19740085944	Fiber/epoxy filament wound vessel	1974
19740085945	Small, high-speed bearing technology	1974
19740085946	Correlation for estimating vortex rotational velocity downstream dependence	1974
19740085947	Room temperature stretch forming of scale space shuttle external tank dome gores. Volume 2: Cost study	1974
19740085952	Low speed inducers for cryogenic upper-stage engines	1974
19740085953	Fiber/epoxy filament wound vessel	1974
19740085954	Study of multilayered insulation pipe penetration; thermal acoustic oscillation	1974
19740085955	Thermal performance of a customized multilayer insulation (MLI)	1974
19740085956	Semiannual status report, 1 November 1973 - 30 April 1974	1974
19740085971	Flight test, evaluation and calibration of AIMS airborne ATCRBS equipment for the T-33B airplane	1974
19740086029	Accelerated service test of the TF41-A-2 engine incorporating power plant change 49	1974
19740086057	Advanced composite technology fuselage program. Volume 4: Analysis development	1974
19740086058	Acquisition and tracking assembly 2	1974
19740086076	Helicopter hauldown, securing and traversing HST systems integrated logistic support plan	1974
19740086078	Acousto-optical standing wave correlator	1974
19740086088	Altitude performance of four United Technology Center Titan 2 translation motors having ages from 116 to 126 months	1974
19740086089	Average similarity equations of concentric laser compression of plasma	1974
19740086113	Canard control study of the induced roll model at Mach numbers 0.7, 1.15, and 1.4	1974
19740086116	High speed high-sensitivity photosensor high-speed phototransistors	1974
19740086136	Deployment Data (DEPDA) file. Computer operation manual (OM)/run book	1974
19740086153	Rotary wing concepts for Navy/Marine Corps medium VTOL applications	1974
19740086165	Evaluation of the BAK-14 retractable hook-cable support system	1974
19740086193	Tiger 2 F-5E ot and E	1974
19740086200	Minimum mass flow aerodynamic window	1974
19740086202	Guidance, navigation and control concepts for a flyable ejection seat, volume 1	1974
19740086212	Exploratory research and development program on 3-5 semiconductor crystals	1974
19740086213	Sourcebook of radiation effects on propellants, explosives, and pyrotechnics, volume 1	1974
19740086288	Performance evaluation of an oil containment barrier aerial delivery system	1974
19740086301	Neodymium laser rangefinder on the AH-1G helicopter Frankford Arsenal In-House, Philadelphia, Pennsylvania, July 1973 - October 1973	1974
19740086302	Development of digital airframe parameter identification technology	1974
19740086303	First article tests of two, 12-volt, type MS 90379-1A lead-acid batteries, manufactured by Teledyne Incorporated, Gill Electric Division, under contract N00383-72-C-5202	1974
19740086304	Sampling tests, of two, type MS 90321-86 nickel-cadmium cells, manufactured by Gulton Battery Corporation under contract N00383-72-M-3749	1974
19740086306	Flight evaluation of the Honeywell energy/energy rate meter	1974
19740086307	A comparison of two passive LOPAIR spectroradiometers	1974
19740086315	Special testing of MIL-S-901 high impact shock machine for lightweight equipments	1974
19740086321	Modern lubricants for special applications: Lubrication of watch and precision mechanisms on the basis of new disclosures	1974
19740086323	Effects of structural heating on the sonic fatigue of aerospace vehicle structures	1974
19740086334	Hydrometeor particle definition studies	1974
19740086360	Motor ignition unit for aerodynamically neutral spin stabilization rocket 3 ANSSR 3	1974
19740086370	Japan: Nuclear, missile, space, and defense development, no. 190	1974
19740086372	Japan: Nuclear, missile, space, and defense developments, GUO no. 193	1974
19740086373	Japan: Nuclear, Missile, Space, and Defense Developments, GUO no. 192	1974
19740086379	The opening loads on the PX1 Mk 3 paratroop parachute with both live and dummy subjects at various altitudes	1974
19740086380	The effect of compressibility on unstalled torsional flutter	1974
19740086382	France: Nuclear, missile, and space developments, GUO no. 374	1974
19740086383	Technical consulting services for Earth Resources program	1974
19740086384	The investigation of O and N2 densities from the OSO-7 extreme UV data	1974
19740086385	Lightweight vacuum jacket for cryogenic insulation	1974
19740086386	Development of sputtered techniques for thrust chambers	1974
19740086387	Contamination avoidance devices for poppet type shutoff valves	1974
19740086388	Evacuated load-bearing high performance insulation study	1974
19740086389	Composite tanks with load sharing liners (add-on)	1974
19740086390	Effect of thermal profile on cyclic flaw growth in aluminum	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086391	Solar X-ray flare observations: OSO-7 experiments	1974
19740086393	Design, fabrication and test of unidirectional multi-fiber laminates	1974
19740086394	Technical consulting services for earth resources program	1974
19740086395	Test evaluation of overwrapped pressure vessels	1974
19740086396	Fourth progress report, 13 March - 13 June 1974	1974
19740086397	Robot computer problem solving system	1974
19740086398	Film thickness and traction in the elasto-hydrodynamic lubrication of thrust ball bearings and spur gears	1974
19740086399	Lightweight thermally efficient composite feedlines	1974
19740086400	System design study for the large area crop inventory project	1974
19740086402	Evacuated load bearing high performance insulation study	1974
19740086406	Small, high pressure oxygen turbopump	1974
19740086407	Small, high pressure hydrogen turbopump	1974
19740086408	Small, high pressure hydrogen turbopump	1974
19740086409	Advanced thrust chamber technology program	1974
19740086410	Advanced thrust chamber technology program	1974
19740086411	Japan: Nuclear, missile, space, and defense developments, GUO no. 195	1974
19740086418	Resonance search test report, S3-2 satellite	1974
19740086420	End connectors for glass reinforced plastic (GRP) antenna guy rods	1974
19740086425	Laser rangefinder AN/VVS-1 ICTT production models for the M60A2 tank, Ft. Hood, Texas, November 1973	1974
19740086426	AN/ALQ-132 system infrared device, Naval Air Test Center, Patuxent River, Maryland, 24 October 1973	1974
19740086428	Engineer design test of modified type A/S32P-2 crash fire truck	1974
19740086430	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment for the C-131 airplane	1974
19740086442	AFSCF compatibility test report, space test program S3-1 satellite	1974
19740086446	Effect of internal blast on combat aircraft structures. Volume 1: Engineer's manual	1974
19740086447	Surveillance of rocket catapult Mark 20 Mod (P/N 2184-20-1)	1974
19740086448	Verification testing of relay test set AN/UGM-9	1974
19740086449	Comparative flight suit wear test	1974
19740086477	Development of photochemically etched, diffusion bonded, aluminum fluidic circuits	1974
19740086486	Meteorological applications of passive microwave radiometry. Volume 1: Executive summary	1974
19740086495	Air Traffic Management Automated Center ATMAC concepts formulation study computer model. Volume 1: Technical report tradeoff determination studies	1974
19740086533	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard, Charleston, South Carolina	1974
19740086534	Lessons learned, Hqs, USA Aviation Materiel Management Center (AMMC)	1974
19740086537	Improved method of regulating the speed in the Leonard system	1974
19740086538	Static frequency converter for asynchronous motors with decreased and regulated feed voltage frequency	1974
19740086539	Equipment for experimenting on earth resources	1974
19740086553	Temperature survey of avionic equipment areas in the P-3C airplane	1974
19740086570	The TF30 product support program	1974
19740086571	The J52 product support program	1974
19740086572	J57/JT3 product support program	1974
19740086573	Development and preliminary tests of a cratering and ground motion simulation technique	1974
19740086581	Production process for composite tapes	1974
19740086584	A digital computer method for predicting static aerodynamic characteristics of typical missile configurations	1974
19740086585	On the quantitative description of the stereometric structure of composites and other multiphase systems	1974
19740086588	Evaluation of improved separator material in large silver-zinc cells for use in submersible vehicles	1974
19740086596	Electromagnetic pulse coupling and propagation to power lines: Theory and experiments	1974
19740086597	The availability of a cyclically-operated system with an imperfect monitor	1974
19740086608	Camouflage evaluation report (Phase 1)	1974
19740086609	Terminal defense program, real-time software development process design system general description	1974
19740086610	Experimental verification of ignition noise APD model and digital-receiver bit-error probability model	1974
19740086611	A comparative study of active and passive image intensified night aerial photographic systems	1974
19740086615	A model for comparing future cost and performance of weapon systems	1974
19740086617	Index of studies and reports, January 1972 - December 1973. Addendum	1974
19740086628	Focusing document	1974
19740086629	Radio astronomy	1974
19740086630	Structural and spectral studies of sunspots	1974
19740086631	Studies of discharge mechanisms in high pressure gases: Applications to high efficiency high power lasers	1974
19740086632	Quarterly progress report, 1 February - 1 May 1974	1974
19740086633	Theoretical and experimental studies in ultraviolet solar physics	1974
19740086634	Spectrophotometric study of asteroids	1974
19740086635	Semiannual status report, 1 October 1973 - 1 April 1974	1974
19740086637	Quarterly progress report, 31 January - 30 April 1974	1974
19740086661	Preliminary results of the evaluation of the radioastronomical experiment on Mars-5	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086662	Mars-5: Spectrophotometry of the planet in the range 2-5 microns	1974
19740086663	Mars-5: Photometry in the 3200-9000A band	1974
19740086664	Mars-5: Ozone in the atmosphere of the planet	1974
19740086665	Infrared radiometer onboard Mars-5	1974
19740086666	Polarimetric experiment onboard Mars-5	1974
19740086667	Mars-5: Preliminary results of measurements of the water vapor content in the planet's atmosphere	1974
19740086668	Studies of the surface and atmosphere of the planet by astrophysical methods: Introduction	1974
19740086669	Mars-5: Pressure and altitude according to CO2 band intensity: Preliminary results	1974
19740086670	Low-speed static aerodynamic characteristics of an 0.05-scale tail-less model of the A-10 airplane at high angles of attack	1974
19740086671	Development of sputtered techniques for thrust chambers	1974
19740086672	Composite tanks with load sharing liners	1974
19740086673	Study of multilayered insulation pipe penetration; thermal acoustic oscillation	1974
19740086674	Lightweight vacuum jacket for cryogenic insulation	1974
19740086675	Test evaluation of overwrapped pressure vessels	1974
19740086676	Contamination avoidance devices for poppet type shutoff valves	1974
19740086677	Lightweight thermally efficient composite feedlines	1974
19740086678	Design of a quasi-microscope for planetary landers, phase 2	1974
19740086682	Particle acceleration in plasma focus devices	1974
19740086683	Nuclear reactions induced by high energy alpha particles	1974
19740086684	Development of sputtered techniques for thrust chambers	1974
19740086685	France: Nuclear, missile, and space developments, GUO no. 377	1974
19740086690	Low speed inducers for cryogenic upper-stage engines	1974
19740086695	Interpretation and analysis of data from the Lunar Ejecta And Meteorite (LEAM) experiment	1974
19740086696	Feasibility study of using satellites for a disaster warning system	1974
19740086697	In vivo measurement of human body composition	1974
19740086698	Installation of a parametric software tool	1974
19740086700	Small, high speed seal technology. Rotating machinery and hydrodynamics	1974
19740086701	Transition probabilities in multiply ionized atoms	1974
19740086702	CAT detection system instrumentation	1974
19740086712	France: Nuclear, missile, and space developments, GUO no. 379	1974
19740086719	LEAM tape decoding program manual	1974
19740086721	Japan: Nuclear, missile, space, and defense developments, GUO no. 200	1974
19740086726	Design, fabrication and test of unidirectional multifiber laminates	1974
19740086727	Thermal performance of a customized multilayer insulation (MLI)	1974
19740086728	Combustion effects on film cooling	1974
19740086729	A unified metabolism detector for Mars	1974
19740086730	Execution phase project plan for Improved Tiros Operational Satellites (ITOS), (ITOS-H, -I, and parts for-J)	1974
19740086731	Study of plasmasphere dynamics using incoherent scatter data from Chatanika, Alaska radar facility. Appendix A: Joint radar/satellite determination of effective recombination coefficient in the auroral E-region	1974
19740086733	Physics of sub-micron cosmic dust particles	1974
19740086737	Payload functional integration test report S3-2 satellite	1974
19740086741	Establishment of permissible hydraulic tubing ovality in F-14 aircraft	1974
19740086751	Development of cost estimating relationships for FLEETSATCOM. Volume 2: Data	1974
19740086752	SAM-D engineering development status. Volume 1: Narrative summary	1974
19740086755	Tactical Effectiveness Testing of Antitank Missiles (TETAM). USACDEC experiment 11.8. Volume 9, phase 3: Data package	1974
19740086756	Attack helicopter: Daylight defense (USASDEC experiment 43.8). Volume 6: Scout helicopter hand-off to high performance aircraft	1974
19740086757	Quantic Industries Mode IVR horizon sensor subsystem qualification unit. Volume 1: Report text	1974
19740086758	Superconducting propulsion system	1974
19740086760	Development of a multichannel tape recorder reproducer	1974
19740086761	First article tests, of two type MS 18045-45 nickel-cadmium batteries, manufactured by Gulton Battery Corporation under contract N00383-73-C-0819	1974
19740086762	Requalification of aircraft circuit breakers to military specification MIL-C-5809F	1974
19740086763	Engineering evaluation of Bendix P/N 39B178-1-A, 250 VA, 3/1 phase, static inverter	1974
19740086765	PLRS program	1974
19740086766	NAS Cecil Field AN/SPN-42A-T2 certification trials	1974
19740086767	Evaluation of electrical hazards associated with high-power laser systems, August 1972 - December 1973	1974
19740086770	Conduct an operational appraisal of the AV-8A aircraft	1974
19740086775	TF34-GE-2 engine, effects of power extraction and air bleed up on low power engine operation	1974
19740086776	Joint AFSC/TAC DT and E/IOT and E of prototype F-4D AN/ARN-101(V) systems	1974
19740086778	Transmission secondary emission image tube development, phase 2	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086780	Sampling tests of one, type MS 90365-2 nickel-cadmium battery, manufactured by Gulton Battery Corporation under Contract N00383-73-C-0135	1974
19740086782	Inspection and test procedure SATS visual landing aids lighting systems and marking details	1974
19740086790	Substantiating data report for the KC-135A flight manual	1974
19740086792	Engineering test of modified mast AB-864()/G	1974
19740086793	Manufacturing methods for filamentary reinforced titanium monotapes	1974
19740086795	PLRS program	1974
19740086796	Aeronautics technique	1974
19740086797	Laboratory evaluation of candidate exterior coatings for the thermal protection of munitions	1974
19740086798	A study of the Doppler effects on the detected Frank polyphase waveform	1974
19740086799	The superplasticity of alpha + beta brass	1974
19740086801	Calculation of a generator with crosscurrent for a closed-circuit gas turbine	1974
19740086802	Program to develop high strength aluminum powder metallurgy products. Phase 4: Scale up to 3200-pound billets	1974
19740086804	Chest-mounted oxygen regulator and tester	1974
19740086805	Gamma radiation detector	1974
19740086806	Program to develop high strength aluminum powder metallurgy products. Phase 4: Scale to 3200-LB billets	1974
19740086808	EMC test report: S3-1 satellite	1974
19740086809	Systems for forming of laser beam radiation and its reception	1974
19740086810	Rotation of the horizontal velocity vector in the atmosphere tides	1974
19740086811	Test reports: System performance tests, after deployment shock and after magnetic survey and acoustic tests: S3-2 satellite	1974
19740086812	Transonic wind tunnel tests of the 8-inch model of the XM718 155mm projectile with finned and unfinned boattails	1974
19740086814	Integrated low noise S-band microwave amplifiers	1974
19740086816	Hardened solar power system	1974
19740086817	Analogue, Moving Target Indicator (MTI)	1974
19740086818	In-flight determination of clear air turbulence statistics	1974
19740086821	SCOOP verification sensor design study. Volume 1: Technical description	1974
19740086823	Qualification report for resistor, fixed, film chip, per drawing no. 423-800469	1974
19740086826	Evaluation of improved separator material in large silver zinc cells	1974
19740086827	Study of cracks in an HY-130 weld sample	1974
19740086830	SCOOP verification sensor design study. Volume 2: SBD specifications	1974
19740086835	Development of clad thin-section HY-130 steel	1974
19740086836	Ground Radar Detector Evaluation test report (GRADE)	1974
19740086838	Atmospheric anomalies detection method	1974
19740086839	Control of the newest model of the upper atmosphere (JACCHIA-71) during geomagnetic storms	1974
19740086840	Laboratory evaluation of an electro-optical tracker system	1974
19740086846	Preliminary employment concept for F-5E aircraft	1974
19740086852	Multidisciplinary research in theoretical biology	1974
19740086858	On the possibilities of pathogenesis from contact with Martian life forms	1974
19740086859	Soil antigen studies: Proposal for studies on Mars returned samples	1974
19740086860	ATS-F millimeter wavelength propagation experiment	1974
19740086862	Development of polyphenylquinoxaline/graphite composite	1974
19740086863	Fabrication and evaluation of polymeric early-warning fire-alarm devices	1974
19740086864	Digital processing system conceptual design	1974
19740086865	High resolution infrared radiation sounder for the Nimbus F spacecraft	1974
19740086867	Calculation of the laminar boundary layer and prediction of transition on a sheared wing	1974
19740086868	Effect of the sonic boom on buildings. Extrapolation of results obtained on the direct effect of sonic booms on buildings to the case of Concorde	1974
19740086869	An assessment of the accuracy of subsonic linearized theory for the design of warped slender wings	1974
19740086871	The crack resistance of some aluminum alloys and the prediction of thin section failure	1974
19740086872	Effect of the sonic boom on stained glass windows	1974
19740086883	Composite tanks with load sharing liners	1974
19740086900	Long wavelength modulation techniques (10.6 micrometers)	1974
19740086908	Technical evaluation of the AN/APN-182(V) radar navigation set installed in the CH-46A helicopter	1974
19740086930	Pre-prototype hazard evaluation of the gated low light level TV, January - February 1974	1974
19740086932	Acoustic demonstration test report, S3-2 satellite	1974
19740086935	Space laser rod composition evaluation	1974
19740086938	Investigation of an Acoustic Target Sensor (ATS) for fuzing	1974
19740086939	State-of-the-art survey potted-in sandwich panel fasteners	1974
19740086941	All Applications Digital Computer (AADC) in support of Marine Corps Automated Data System (ADS): A feasibility study	1974
19740086942	Flight vibration survey of Bendix 28B95 generators on P-3C aircraft	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740086944	Supersonic flow electron beam injection laser	1974
19740086945	Government evaluation of LAU-96/A launcher	1974
19740086946	Low level night operations study	1974
19740086951	Evaluation of a new intrusion detection technique	1974
19740086957	Aircraft cost estimating relationship improvements, construction and material effect and new data	1974
19740086960	Hit-to-kill Homer ground test (HIT phase 2): Task completion report: Maneuver motor array	1974
19740086962	Experimental evaluation of full-scale recessed-nozzle aerodynamic window for gas dynamic lasers	1974
19740086963	Photothyristor	1974
19740086964	Special edition: Tactical transport plane from XC-1 to C-1	1974
19740086965	A FORTRAN program for profile and boundary layer circulation	1974
19740086966	Ballistic missile defense interceptor technology analyses	1974
19740086968	Qualification test report, transmitter, TR 2400 part no. 2006590-1	1974
19740086969	Pershing fuze parameter computations	1974
19740086974	Aerodynamic reactive flow studies of the HF laser	1974
19740086986	Dynamic tomography studies	1974
19740086988	Development of the 12TN 24 volt storage battery	1974
19740086989	Peen forming titanium panels	1974
19740087002	Manufacturing process for the production of tapered titanium alloy plate and sheet	1974
19740087005	J48 product support program	1974
19740087006	TF33/JT3D product support program	1974
19740087008	Investigation of thermally stable erosion resistant protective materials	1974
19740087009	Thermal vacuum test report - space test program flight S73-5	1974
19740087011	Advanced electron device technology	1974
19740087014	Effect of yield strength on room-temperature creep of Ti-6 Al-2 Cb-1 Ta-1 Mo alloy	1974
19740087015	BSU-11A/B conical fin IOT and E constant bracket	1974
19740087016	Development of blast-fragmentation projective shield qs	1974
19740087022	Test report, LSC laboratory, Minuteman propulsion and ordnance components	1974
19740087023	Soviet air decomposition installation AKDS-70 M for obtaining medical oxygen	1974
19740087039	Subminiature broadband filters	1974
19740087042	Service test of demolition kit, cratering, XM180	1974
19740087044	Front surface velocity and reflectivity of aluminum in electron beam environment	1974
19740087049	Advanced interceptor case manufacture	1974
19740087085	Physics of sub-micron cosmic dust particles	1974
19740087086	A unified metabolism detector for Mars	1974
19740087087	Effect of thermal profile on cyclic flaw growth in aluminum	1974
19740087093	On the origin of the lunar smooth-plains	1974
19740087094	Smooth plains and continuous deposits of craters and basins	1974
19740087095	Static aerodynamic characteristics of a 1/7-scale model of the F-5A airplane at angles of attack from 0 to 90 degrees and angles of sideslip from minus 10 to 30 degrees for a Mach number of 0.20	1974
19740087096	Development of sputtered techniques for thrust chambers	1974
19740087097	Small, high pressure hydrogen turbopump	1974
19740087098	Lightweight thermally efficient composite feedlines	1974
19740087099	Evacuated load-bearing high performance insulation study	1974
19740087100	Study of multilayered insulation pipe penetration and thermal acoustic oscillation	1974
19740087101	Test evaluation of overwrapped pressure vessels	1974
19740087102	The spherical grid representation of the geopotential	1974
19740087103	Design, fabrication and testing of a variable-conductance, constant-temperature heat pipe	1974
19740087104	Graphite fiber reinforced thermoplastic resins	1974
19740087105	Preliminary experiments for shuttle exposure module	1974
19740087106	Investigation of the Multiple Model Adaptive Control (MMAC) method for flight control systems	1974
19740087110	Analysis of ATS-5 data	1974
19740087111	Study of multilayered insulation pipe penetration. Thermal acoustic oscillation	1974
19740087113	Synthesis of improved polyphenylquinoxalines	1974
19740087114	Synthesis of improved polyphenylquinoxalines	1974
19740087116	Test evaluation of overwrapped pressure vessels	1974
19740087117	Composite impact strength improvement by fiber/matrix interphase	1974
19740087118	Composite impact strength improvement by fiber/matrix interphase	1974
19740087119	Design, fabrication and test of unidirectional multifiber composites	1974
19740087120	Development of autoclavable polyimides	1974
19740087121	Incremental angular encoder: Incremental encoder integrated into a cartridge transport helical recorder	1974
19740087123	Lightweight thermally efficient composite feedlines	1974
19740087124	Composite tanks with load sharing liners (add-on)	1974
19740087125	Combustion effects on film cooling	1974
19740087127	Effect of thermal profile on cyclic flaw growth in aluminum	1974
19740087130	Lightweight vacuum jacket for cryogenic insulation	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087131	Development of autoclavable polyimides	1974
19740087132	NDPF production control and engineering support	1974
19740087133	Small, high speed bearing technology	1974
19740087134	Development of high temperature resistant graphite fiber coupling agents	1974
19740087135	Development of high temperature resistant graphite fiber coupling agents	1974
19740087136	Fiber/epoxy filament wound vessel	1974
19740087137	Resin/graphite fiber composites	1974
19740087138	The electrical conductivity of forsterite, enstatite, and albite	1974
19740087139	The effects of interstitial transfer on the mechanical behavior of fast flux test facility intermediate heat exchanger tubing	1974
19740087140	The lean statistical analysis programs	1974
19740087141	A short study of the effect of a penetrant oil on the fatigue life of a riveted joint	1974
19740087142	Reduction of flow unsteadiness in the 3 ft by 4 ft supersonic tunnel	1974
19740087143	Investigation of a fleet inspection procedure based on ordered cyclic sampling	1974
19740087144	Measurements of the three-dimensional incompressible turbulent boundary layer induced on the surface of a slender delta wing by the leading edge vortex	1974
19740087145	The acceptability of the liquid cooled suit to Vulcan aircrew in routine service conditions	1974
19740087146	Free-flight measurements at supersonic speeds of pressure and heat transfer in an inclined 90 degree corner having sharp swept leading edges	1974
19740087152	Flight test performance of PRN navigation receivers. Volume 1: Executive summary and analysis of flight test navigation performance, January 1971 July 1973	1974
19740087153	Flight test performance of PRN navigation receivers. Volume 2: Measurement analysis, January 1971 - July 1973	1974
19740087154	Flight test performance of PRN navigation receivers. Volume 3: Best estimate of trajectory (BET) analysis, January 1971 - July 1973	1974
19740087156	A/E 24U-8 power plant	1974
19740087160	Position location reporting system	1974
19740087163	Investigation of echo box requirements	1974
19740087164	An improved procedure for moisture analysis of low hydrogen shielded metal arc welding electrodes	1974
19740087165	Instrumentation application of underwater telephones AN/UQC	1974
19740087190	Characteristics of Plexiglas fragments from windows broken by airblast	1974
19740087191	Development of an electronically-tuned VHF power amplifier	1974
19740087194	The T58 engine 1973 component improvement programs	1974
19740087197	The C-141 aircraft flying heavy	1974
19740087200	Small, high-speed bearing technology for cryogenic turbo-pumps	1974
19740087203	A global scale engineering atmospheric model for surface to orbital altitudes. 2: Users manual and programmers manual	1974
19740087204	Analysis of Delphi technique	1974
19740087205	Problems pertaining to the sight vector of a spaceborne imaging radiometer	1974
19740087206	Advanced Earth Observation System Instrumentation Study (AEOSIS)	1974
19740087219	On the VAK 191B	1974
19740087221	An investigation of improved control methods for light and general aviation aircraft	1974
19740087223	Radiative property investigation	1974
19740087225	Stanford gyro relativity experiment	1974
19740087226	Advanced thrust chamber technology program	1974
19740087227	Fiber/epoxy filament wound vessel	1974
19740087228	NASA postdoctoral and senior postdoctoral resident research associateship program	1974
19740087229	Composite impact strength improvement through a fiber/matrix interphase	1974
19740087230	Progress Report, 13 June - 13 September	1974
19740087231	Saturn-Uranus mass spectrometer study	1974
19740087232	Contributions to the UK microwave landing system study, phase 1, part 1	1974
19740087233	Development of sputtered techniques for thrust chambers	1974
19740087235	Transverse header heat pipe	1974
19740087237	Combustion effects on film cooling	1974
19740087238	Fabrication and testing of negative-limited sealed nickel-cadmium cells	1974
19740087239	Unified network planning study, volume 1	1974
19740087240	Unified network planning study, volume 2	1974
19740087241	ASEE-NASA summer faculty fellowship program	1974
19740087242	NASA facility hardware configuration study	1974
19740087243	Gimballed reaction wheel mounting (hardware development)	1974
19740087247	Flight simulation test report, S3-2 satellite	1974
19740087249	The Army Spectrum Management Master Plan (ASMMP)	1974
19740087251	Advanced development program YF104-GA-100 turbofan engine	1974
19740087266	List of DLR-forschungsberichte, DLR-Mitteilungen, and DFVLR-Sonderdrucke from the year 1973	1974
19740087274	The influence of the flow around a microphone on in-duct fan-noise measurements	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087307	Research and fabrication of solid state emitter arrays	1974
19740087308	Advanced laser research and development program	1974
19740087309	Single-element funding: Missile technology	1974
19740087310	Product improvement test of improved radio set AN/GRC-144()/AN/TRC-138	1974
19740087312	Quadratic approximation of the real potential by a harmonic potential outside the geoid - corresponding corrections	1974
19740087314	Reentry antenna test program final data report flight R1	1974
19740087318	Hit-to-kill homer ground test (hit phase 2)	1974
19740087319	Remarks concerning the integral equations occurring in geodesy	1974
19740087320	Production engineering measure for high power traveling-wave tubes	1974
19740087329	Acoustic source location using long base line techniques (U)	1974
19740087330	Low hazard hybrid propulsion gas generator development (U)	1974
19740087331	Passive overlay removal (U)	1974
19740087334	Development of htpb propellant for ballistic missiles (U)	1974
19740087335	Monitor, ground and flight evaluation of the BEELINE F-4N airplane (U)	1974
19740087336	PACAF-ADAC interim operational capability. Volume 4: User's guide (U)	1974
19740087337	PACAF-ADAC interim operational capability. Volume 2: Program documentation, functional and application programs (U)	1974
19740087340	Simplified direct ranging LORAN (U)	1974
19740087341	Microwave radiometric measurement program and frequency scanned radiometer development (U)	1974
19740087343	Reliability prediction report for missile guidance set model AIM-7F (U)	1974
19740087344	Low pressure duct burner (U)	1974
19740087368	Drone Control and Data Retrieval System (DCDRS). Preliminary design study final report. Volume 3: Trade studies and analyses. Part 12: Command and telemetry link trade study (U)	1974
19740087369	Drone Control and Data Retrieval System (DCDRS). Preliminary design study final report. Volume 3: Trade studied and analyses. Part 1: Mission modularity trade study (U)	1974
19740087370	Drone Control and Data Retrieval System (DCDRS). Preliminary design study final report. Volume 2: System design. Appendix A: Code operational description. Appendix B: Spread spectrum modulator/demodulator (U)	1974
19740087371	Drone Control and Data Retrieval System (DCDRS). Preliminary design study final report. Volume 2: System design. Part 9: Alternate system, conclusions and recommendations, appendixes, and references (U)	1974
19740087372	Drone Control and Data Retrieval System (DCDRS). Preliminary design study final report. Volume 2: System design. Part 8: Basic and minimum systems (U)	1974
19740087373	Drone Control and Data Retrieval System (DCDRS). Preliminary design study final report. Volume 2: System design. Part 6: System features (U)	1974
19740087375	The prediction of helicopter rotor hover performance using a prescribed wake analysis	1974
19740087376	Spontaneous ignition of an aircraft safety fuel under simulated crash conditions	1974
19740087377	A review of the low-speed aerodynamic characteristics of aircraft with powered-lift systems	1974
19740087378	Emission of smoke and fumes at temperatures up to 500 C	1974
19740087379	An assessment of the phase, locked loop firing technique for aircraft type cycloconverters	1974
19740087380	Porous media applications in advanced cooling system designs	1974
19740087382	Point design study for a high resolution pointable imager using an image plane scanner	1974
19740087385	Research and technology advisory committee on materials and structures	1974
19740087391	Comparison of lumped parameter models commonly used to describe continuous systems	1974
19740087403	France: Nuclear, missile, and space developments, GUO no. 375	1974
19740087404	Japan: Nuclear, missile, space, and defense developments, GUO no. 194	1974
19740087411	NASA-ASEE Summer Institute, 1974: Stanford-Ames Research program	1974
19740087412	Composite tanks with load sharing liners (ADD-ON)	1974
19740087413	Lightweight thermally efficient composite feedlines	1974
19740087414	A unified metabolism detector for Mars	1974
19740087415	Interpretation and analysis of data from the lunar ejecta and meteorite (LEAM) experiment	1974
19740087419	Block oriented random access memory	1974
19740087420	Sample testing of five, 12 volt, type MS 90379-1, lead-acid batteries manufactured by Teledyne Battery Products, a division of Teledyne, Incorporated, under contract N00383-72-C-5202	1974
19740087421	Terminal homing engineering flight test, MT7-58/ALS missile test, 27 June 1973, moding characteristics test	1974
19740087423	Conceptual design studies of CO electric discharge laser systems	1974
19740087427	CO laser research program	1974
19740087428	Ultraminiature Vuilleumier refrigeration system	1974
19740087429	Analysis and testing of full-scale aerodynamic window	1974
19740087433	High-Speed Low-Level Aerial Delivery System (HSSLADS)	1974
19740087434	Determination of orientation directions with plus or minus 5-7 sec accuracy using GI-B2 gyrotheodolites	1974
19740087437	Design and development of compliant bearing materials for a directional control gyroscope	1974
19740087438	Flight test evaluation and calibration of aims airborne ATRBS equipment in the C-117/NC/TC airplane	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087439	Flight test evaluation and calibration of AIMS airborne ATCRBS equipment in the C-119F airplanes	1974
19740087440	Basic capabilities development report for fiscal 1973	1974
19740087444	Atmospheric interaction radiation from high-altitude rocket exhausts. Volume 2: Far field plume radiance modeling	1974
19740087445	Preliminary investigation for applying a Ram Air Inflatable Decelerator (RAID) as the retardation system for the 800 pound modular bomb	1974
19740087447	Photographic capability of the KA-74A camera with an 18 inch lens in long stand-off ocean surveillance	1974
19740087449	Sampling and life cycle costing tests of type MS 18045-42, lead-acid, aircraft batteries from 22 production lots manufactured by Teledyne Incorporated, Teledyne Battery Products Division under contract N00038-72-C-4027	1974
19740087454	R and D for hybrid battery and cell studies	1974
19740087458	Modulator driver transistor	1974
19740087459	Single crystal thin films of semiconductor and piezoelectric materials on refractory substrates	1974
19740087464	Test of tactical HF digital data transmission	1974
19740087465	Radar techniques program	1974
19740087466	The development of an eight-tube rocket POD using closed breech fiberglass reinforced plastic launchers	1974
19740087471	FIFO communications interface module	1974
19740087472	Evaluation of LANCE M667 vehicle fuel cell modification	1974
19740087474	A minimum-distance method for ocean surveillance resolution	1974
19740087478	Propellant surveillance report LGM-30 A and B stage 1 TP H1043 AFT closure propellant	1974
19740087479	Preliminary findings from sea-echo measurements made with 1.06 micrometers laser radiation incident on the sea at grazing angles	1974
19740087487	Total airframe fatigue test	1974
19740087488	Local density measurement in rarefied gases by laser light scattering	1974
19740087489	Investigations during a predesign of a flox/polyethylene hybrid engine	1974
19740087490	Hybrid method of calculating field fluctuations in a medium with large and small scale heterogeneities	1974
19740087491	Vibrations of axial-flow turbomachine blades	1974
19740087492	Experimental investigations of MHD accelerators for hypersonic wind tunnels	1974
19740087493	Development of expandable rocket nozzles	1974
19740087494	Advanced development of not-critical-to-flight-safety advanced composite aircraft structures	1974
19740087495	Technical evaluation of the UH-1N automatic hover coupler	1974
19740087506	Multilayer interconnections for hybrid microcircuits	1974
19740087517	Development testing at simulated pressure altitude of an extendible nozzle for a minuteman 3 LGM-30G stage 3 rocket motor (Motor S/N 0000212)	1974
19740087518	A simulated staging separation study of the Army Pershing Phase 2 missile at Mach No. 5.0	1974
19740087519	Self-similar species profiles in turbulent, hypersonic, reacting boundary layers at zero pressure gradient	1974
19740087520	Crash rescue and fire fighting for expeditionary airfields: Concept development	1974
19740087521	Galvanic corrosion of coated HY-130 steel coupled to 5456 aluminum	1974
19740087523	Multiple target instrumentation radar study	1974
19740087524	TMDE task 06 systems concept and architecture maid tech study. Near field radar evaluation test set feasibility demonstration test model	1974
19740087525	Hardened focal plane development	1974
19740087527	Memory for radar parameter study. Volume 1: Interpretation and analysis	1974
19740087528	Description of subsonic (DSD0873) and supersonic (DSD0973) aerodynamic computer programs for conventional wing - body - tail configurations	1974
19740087530	Machine casting of ferrous alloys	1974
19740087535	SH-2F helicopter/DE-1052 class destroyer dynamic interface evaluation	1974
19740087537	A digital mean-clutter-Doppler compensation system	1974
19740087539	Conference on High Power Infrared Laser Window Materials (3rd). Volume 3: Surfaces, coatings	1974
19740087544	BDU-6/E-2 and BDU-11 A/E carrier suitability tests	1974
19740087545	Qualification tests of four, type MS3509, style 1, battery receptacles, manufactured by Elcon, division of Icore International, Inc.	1974
19740087551	Study of the effects of vitiated air on chemical and mechanical erosion of ablative materials in typical Ramjet combustion environments	1974
19740087554	The 1000 V modulator EBS	1974
19740087555	Large scale flutter optimization of lifting surfaces. Part 1: Analytical investigation	1974
19740087556	Application of integral air cooled cold plates	1974
19740087557	Product improvement program for Navy Model H-2 hydraulic engine starter	1974
19740087561	Applicability of MIL-STD-499(D) and MIL-STD-469 to phased array radar systems	1974
19740087563	Development of a 1093 C (2000 F) prototype microphone transducer	1974
19740087565	Airborne electron beam recorder vacuum system	1974
19740087567	Shillelagh analog simulation program, part 1	1974
19740087568	Analog data file analysis. Volume 2: Experiments	1974
19740087570	Magnetic bubble research	1974
19740087571	Advanced composite wing and empennage to fuselag attachment fittings	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087572	USS America AN/SPN-10 ACLS certification trails	1974
19740087573	AFSCF compatibility test report, space test program S3-2 satellite	1974
19740087583	Japan: Nuclear, missile, space, and defense developments, GUO no. 197	1974
19740087586	Summary of Discussions and Actions, Thirty-Second Meeting of the Aeronautics and Space Engineering Board. 25-26 April 1974	1974
19740087591	The effect of cationic impurities on the silver-silver oxide electrode: The silver-copper-iron-palladium system	1974
19740087592	Interference problems on wing-fuselage combinations. Part 3: Symmetrical swept wing at zero incidence attached to a cylindrical fuselage	1974
19740087593	The isolated-vortex model of leading-edge separation revised for small incidence	1974
19740087595	An examination of creep fracture in RR58 sheet	1974
19740087596	A new probe for the direct measurement of stagnation pressure in supersonic flow	1974
19740087597	Dynamical analysis of the shaft-fixed helicopter blade	1974
19740087598	JAPAN: Nuclear, missile, and space, and defense developments, GUO no. 196	1974
19740087605	Japan: Nuclear, missile, space and defense developments, GUO no. 198	1974
19740087606	Numerical simulation of high reaching moisture convection using the original Euler equations	1974
19740087608	An assessment of the structural fatigue performance of an experimental Al 4 percent Mg 4 percent Zn alloy	1974
19740087609	Fatigue crack propagation in thin sheets of L73 under constant strain amplitude	1974
19740087610	France: Nuclear, missile, and space developments, GUO no. 378	1974
19740087611	Abstracts of Aerodynamics Department computer programs	1974
19740087612	Committee on Petroleum	1974
19740087613	France: Nuclear, missile, and space developments, GUO no. 380	1974
19740087614	Feasibility of Implementing Unsteady Aerodynamics into the FLEXSTAB Computer Program System	1974
19740087615	NUBOW: A FORTRAN 4 program for the static elastic structural analysis of bowed reactor cores	1974
19740087617	Reentry vehicle materials technology (REVMAT) program. Structural assessment of carbon-carbon materials for the Carbon-Carbon Assessment Program (CCAP)	1974
19740087627	Flight test evaluation and calibration of AIMS airborne ATRCBS equipment in the EA-6B airplane	1974
19740087628	Product support program	1974
19740087631	Low power high density MOS arrays for Army application	1974
19740087632	T-43 operational test and evaluation deficiency reports	1974
19740087633	A production engineering measure for two L-band solid-state microwave frequency sources	1974
19740087634	Low power high density MOS arrays for Army application	1974
19740087641	Evaluation of the Laser Obstacle/Terrain Avoidance Warning System (LOTAWS) December 1973 - January 1974	1974
19740087643	Development test 2 (service phase) of pad, parachutists' helmet	1974
19740087645	The interrelationship of thermomechanical processing and low cycle fatigue in Ti-6Al-4V	1974
19740087646	SPE/AADC interface study	1974
19740087647	ONERA wind tunnel development	1974
19740087648	Cathode-driven, high gain crossed-field amplifier	1974
19740087653	Improved tape laying machine	1974
19740087655	Flying qualities and performance technical evaluation of the A-4M airplane	1974
19740087656	ACLS certification of the USS Independence (CVA-62)	1974
19740087657	Wideband ring couplers and some microcircuit applications	1974
19740087658	A simplified analysis of the internal ballistics of a fast-burning solid propellant rocket motor	1974
19740087661	Reticle color preference as a function of background and luminance	1974
19740087662	High strength, thermally stable polymeric fibers	1974
19740087663	SANGUINE testing study	1974
19740087665	Theoretical and experimental investigations on pipeline and concentrated construction elements of fluidics	1974
19740087666	Experimental study of velocities in a turbulent wake behind bodies of revolution	1974
19740087667	Optimization of the bolted joint between wing lower surface and connecting fitting of a fighter aircraft	1974
19740087671	Effects of plume environment on SAM-D trailer structural components	1974
19740087672	Aerodynamic and inlet characteristics of the HAST 1 and 2 missiles at Mach numbers 0.5 to 1.6	1974
19740087673	Reliability test plan and procedures for C-4453/APQ/C-6410/APQ-109 and solid state radar indicator control units	1974
19740087676	C-5 nucleonic oil quantity indicating system	1974
19740087677	Ambient light level camera for aerial surveillance	1974
19740087681	TAMICSS refinement report, attachment 6. Register data file	1974
19740087683	Study of low-noise, high-power, high-current bipolar power supplies for submarines	1974
19740087685	Engineer design test of modified 283/307 engine in an M114A1 vehicle	1974
19740087686	Receive Transmit Steerable Null Antenna Processor (RTSNAP)	1974
19740087689	Experimental studies of explosively-induced large deformations of flat circular 2024-0 aluminum plates with clamped edges and of free thin cylindrical 6061-T6 shells	1974
19740087690	Dragon night sight (AN/TAS-3 ()) acquisition/tracking test	1974
19740087692	The gyrtator: Study, realizations, uses	1974
19740087696	Gallium arsenide digital integrated circuits	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087697	General Electric oil quantity indicating system	1974
19740087698	HH-1H rescue helicopter	1974
19740087699	Multiplace life raft containers	1974
19740087701	TF30-P-412A turbofan engine, ground starting tests at extreme temperature conditions qualification test, second attempt	1974
19740087702	Wide aperture beverage array direction finding interferometer	1974
19740087703	C-130 scratch strain gage recording program	1974
19740087705	PADS test program. 1: Test design and procedures	1974
19740087706	Advanced Avionics Fault Isolation System (AAFIS). Volume 2: Preliminary application of AAFIS to the AADC data processing element	1974
19740087707	About the application of propellant combination using lithium based fuels and flox oxidizers. Part 1: Parameterstudy	1974
19740087708	Explicit approximate equations for calculating Mach number and various airspeeds	1974
19740087709	A new method of velocity measurement for flowing plasmas by means of Doppler shift	1974
19740087710	Heat transfer investigations of a regeneratively-cooled, 1 kN thrust, fluorine/ammonia engine	1974
19740087711	An airborne 90 GHz radiometry receiver	1974
19740087712	Optimal smoothing of high density data-points with known error distribution	1974
19740087714	Thermal and mechanical property screening of graphite materials for advanced re-entry vehicles. Volume 2: Data books F through S	1974
19740087715	Large scale flutter optimization of lifting surfaces. Part 2: Program documentation	1974
19740087718	Microwave power transistors for pulse operation	1974
19740087719	Conference on high power infrared laser window materials (3rd), 12-14 November 1973: Volume 2: Materials	1974
19740087720	Conference on high power infrared laser window materials (3rd), 12-14 November 1973. Volume 1: Optical properties	1974
19740087726	High-acceleration, terminal-homing technology. High-acceleration testing of infrared/laser seeker components, volume 1	1974
19740087730	Superconducting propulsion system and ship interface study. Volume 1: DC-DC system. Book 1, Part A	1974
19740087731	Superconducting propulsion system and ship interface study. Volume 1: DC-DC system. Book 3: Parts B, C, and D	1974
19740087732	Superconducting propulsion system and ship interface study. Volume 1: DC-DC system. Book 2: Part A, Section 4	1974
19740087733	Bibliography: Scientific papers resulting from Canadian space and upper atmosphere research, 1969-1973	1974
19740087737	MIS integrated circuits with improved radiation resistance	1974
19740087738	Long periodic fading of short wave signals	1974
19740087739	Research and special projects report for 1973	1974
19740087740	Investigations on an experimental rocket motor with thrust modulation for maneuvering and control purposes in future spacecraft transport vehicles	1974
19740087741	Effectiveness of predetection diversity combining of multipath signals	1974
19740087742	Fiber optic contrast reduction techniques	1974
19740087748	Survivable infrared focal-plane investigation	1974
19740087750	Radar precision fix	1974
19740087751	Navy evaluation of the improved Sea Cobra	1974
19740087752	Design verification of the AMF electrosystems division 250 VA, 3/1 phase, rotary inverter, P/N MGH159-200A	1974
19740087754	EI test plan for the communications buffer drawer, GTE Sylvania part no. 03-573401-1	1974
19740087755	Advanced electron device technology	1974
19740087765	Improved surface treatments of titanium alloys for adhesive bonding	1974
19740087766	Low-absorption coating technology	1974
19740087767	Some investigations on the limits of metallic spring materials for wind-tunnel balances with strain gauge systems	1974
19740087768	Pershing missile system laser 17 December 1973	1974
19740087769	US Army aviation R and D technical reports	1974
19740087772	Anti-chafe hose, appendixes 3, 4, and 5	1974
19740087783	Integrated target control system AN/USW-3(XN1) (V)	1974
19740087788	Study of shaped charge jet formation and breakup	1974
19740087794	K-band terminal simulator. Volume 1: Brief description and operating procedure	1974
19740087796	Propulsion for a trainer-fighter plane: Single flow circuit or double flow circuit engine	1974
19740087798	Confirmatory test of welded-base configuration M117A1E1, 750 lb general purpose bombs, with tritonal and minol 2 explosive fillers	1974
19740087799	Autodin formatted signals over a 60 mile troposcatter path	1974
19740087800	An improved power supply for the AN/ARC-114 radio	1974
19740087801	Formulation and users guide for a computer program for simulating trajectories of extraction rocket escape systems	1974
19740087802	HY-100 steel base metal cyclic crack growth rate in high-pressure hydrogen	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087803	Qualification test for aircraft lighting equipment (symbolic displays, incorporated, P/N 700864. Strobalert anticollision light)	1974
19740087804	SH-2F helicopter/DE-1040 class destroyer dynamic interface evaluation	1974
19740087805	Use of simulation techniques in SATCOM frequency planning	1974
19740087806	Production engineering measure for high reliability integratable pin diodes	1974
19740087807	A summary of corrosion and corrosion fatigue properties of 17-4 and 15-5 PH stainless steels	1974
19740087809	Advanced composite missile and space design data	1974
19740087810	Design of optimal and suboptimal state-estimators under regularity defects	1974
19740087812	Mark 4 CO2 scrubber development, phase 1	1974
19740087814	Service release testing of rocket motor mark 79 mod 0	1974
19740087815	EBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard	1974
19740087816	Pre-prototype advanced craft fueling boom	1974
19740087817	Feasibility demonstration of holographic nondestructive inspection of naval aircraft engine components	1974
19740087823	Acoustic fatigue design criteria for elevated temperatures	1974
19740087826	Screen nozzles for gas dynamic lasers	1974
19740087828	Instruction manual, piloting rules, weights and balancing data, for aircraft macchi AL60 C4L prototype	1974
19740087829	Neutron irradiation of burning propellant in the APRF glory hole	1974
19740087830	RDA ruby laser frequency doubler system	1974
19740087831	Magnetic survey test report, S3-3 satellite	1974
19740087832	Magnetic survey test report S3-2 satellite	1974
19740087833	Satellite altimetry	1974
19740087834	Navy flight evaluation of A-4F Blue Angels modification ECP-1145	1974
19740087835	Failure investigation of the A-7 generator control panel	1974
19740087836	AV-8A/F402-RR-401 engine clearance	1974
19740087851	Intrinsic vulnerability of the Heavy Lift Helicopter (HLH) to gust environments from a nuclear detonation	1974
19740087852	HH-53 chemical oxygen system	1974
19740087853	Acoustics fatigue of aircraft structures at elevated temperatures	1974
19740087854	Manufacturing methods for spiral welded titanium tubing	1974
19740087855	AS/TSW-101(XN-1), AN/MSW-19(XN-1), and AN/ASW-36(XN-1) drone control sets, Navy preliminary evaluation	1974
19740087859	Light aircraft of the Army	1974
19740087861	Installation and evaluation of field change no. 36 to radar set AN/CPN-4 A	1974
19740087862	Aerodynamic control effectiveness of a cruciform trailing edge controlled vehicle at high subsonic Mach numbers using individual flap effectiveness, book 1	1974
19740087863	Aerodynamic control effectiveness of a cruciform trailing edge controlled vehicle at high subsonic Mach numbers using individual flap effectiveness, book 2	1974
19740087869	Production engineering measure for optical pumps for lasers	1974
19740087873	Airborne conformal electronic scanning array	1974
19740087874	XJ402-CA-400 turbine engine demonstrator program for harpoon weapon system	1974
19740087875	Project briefs (active projects)	1974
19740087876	The 1.06 micrometer high sensitivity IR photocathode	1974
19740087878	Pulsed electron beam experiments in quartz phenolic, fused silica and sapphire	1974
19740087886	The LAUNI2 code: A program for calculating crater volume	1974
19740087887	Production engineering measure for moderate power fiber optic laser arrays	1974
19740087888	Foreign transfer of technology: A case study of the GE/snecma 10 ton engine venture	1974
19740087889	Metal-nitride-oxide-semiconductor memory on insulating substrates	1974
19740087890	Electromagnetic noise survey at the US Naval Communications Station, Londonderry, Northern Ireland	1974
19740087892	Instrumentation development of the aiming error detector	1974
19740087893	Advanced electron device technology	1974
19740087894	Evaluation of an AN/ARA-63 system in the C-2A airplane	1974
19740087896	Check test of Mast AB-577/GRC under Arctic winter conditions	1974
19740087898	Doppler beam sampling flight test program	1974
19740087901	AH-1 Cobra escape system automatic pendant line release actuator	1974
19740087903	Free radical film and equipment evaluation	1974
19740087915	Manufacturing methods for surface inspection for large techniques scale integrated circuits	1974
19740087917	Indium phosphide for microwave and millimeter wave devices	1974
19740087918	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 10: Launch and recovery control trade study/analysis report	1974
19740087919	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 10: Processing system implementation trade study	1974
19740087920	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 11: Error control for command and telemetry trade study	1974
19740087923	Utility of manned aircraft landing demonstrations in compass cope automatic landing system development	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740087924	Parametric study of advanced forward area air defense weapon system (AFAADS). Volume 1: Analysis, supplement	1974
19740087925	Thermally unstable polymers (U)	1974
19740087927	Ground laser locator designator (U)	1974
19740087928	Aircraft structural fatigue life program (U)	1974
19740087929	PCDE propellant for ballistic missiles (U)	1974
19740087931	Portable coded laser target (U)	1974
19740087936	Improved DDS, AN/ASQ-154 (XA-1) (U)	1974
19740087937	High energy laser (U)	1974
19740087938	Hypervelocity weapon feasibility study (U)	1974
19740087940	Evaluation of camouflage colors for air superiority aircraft (U)	1974
19740087946	Carborane burning rate catalysts (U)	1974
19740087947	Low band millimeter wave TWT QKW1756 (U)	1974
19740087948	Development of HTPB propellant for air launched missiles (U)	1974
19740087951	Low band millimeter wave TWT QKW1756 (U)	1974
19740087952	An analysis of combat damage data for OH-6 aircraft (U)	1974
19740087953	Improved data display set, AN/ASQ-154 (XA-2) (U)	1974
19740087955	Development of the LHAP EMP code (U)	1974
19740087956	Smokeless composite propellants (U)	1974
19740087957	Vulnerability of the UH-19C helicopter to internal blast (U)	1974
19740087959	Design study of a day/night angle rate bombing system. Volume 1: System and equipment description (U)	1974
19740087961	Chaff warhead, 2.75 inch FFAR (U)	1974
19740087963	Short baseline acoustic tracker (U)	1974
19740087964	Feasibility test of the HOBOS/INK tracker system (U)	1974
19740087967	Radar techniques program (U)	1974
19740087968	Microwave steerable antenna array (U)	1974
19740087971	Beacon instrumented guided ordnance (U)	1974
19740087972	Theoretical performance of selected sensor systems (U)	1974
19740087973	Sequential jet shaped charge (U)	1974
19740087975	Demonstration of upgraded HTPB propellants (U)	1974
19740087976	Microwave radiometric temperatures of aircraft (U)	1974
19740087984	Oasis 2 (U)	1974
19740087988	Nozzleless rocket motor demonstration program (U)	1974
19740087991	Experimental and analytical study of two advanced manned interceptor configurations from Mach 0.2 to Mach 6.0 (U)	1974
19740087992	Analysis of laser damage in 8 to 14 micrometer HgCdTe photoconductive and PbSnTe photovoltaic detectors (U)	1974
19740087995	Advanced high temperature combustor (U)	1974
19740087996	Infrared signature simulator development (U)	1974
19740087997	Homing acoustic/infrared (HAIR) seeker (U)	1974
19740087998	Linear dual mode (laser/TV) seeker captive flight testing (U)	1974
19740088000	Quarterly compilation of abstracts on completed Test, Experimental, and Development (TED) projects (U)	1974
19740088001	Follow-on OT and E of the F-111D/Mk 2 (U)	1974
19740088002	Uncured propellant rocket concept feasibility demonstration (U)	1974
19740088003	Design study of a day/night angle rate bombing system. Volume 2: Trade study (U)	1974
19740088004	Multiple channel synthesizer (U)	1974
19740088007	Design for day/night angle rate bombing system (U)	1974
19740088015	LAMPS: ASMD study (U)	1974
19740088019	RAT SCAT radar cross section measurements on rotor blades (U)	1974
19740088025	F-111/ALQ-119 pod carriage OT and E (U)	1974
19740088035	Advanced laser application systems study. Volume 2: Precursor analysis (U)	1974
19740088037	Advanced laser application systems study. Volume 1: Summary and technical analyses (U)	1974
19740088041	ALR-46/F-105G OT and E (U)	1974
19740088051	Convert entry into deep space orbit (U)	1974
19740088053	Attack helicopter: Daylight offense (USACDEC experiment 43.8). Volume 5: Air-to-ground target acquisition and hand-off, classified results, supplement 1 (U)	1974
19740088065	VRS (LAMP) improvement study (U)	1974
19740088066	FB-111/sram OT and E (U)	1974
19740088074	Communications time of arrival systems considerations (U)	1974
19740088075	FB-111/SRAM (U)	1974
19740088111	HEMP assessment for autovon switch center and GTF radio facility at Polk City, Florida (U)	1974
19740088112	Have Cake special aircraft (U)	1974
19740088115	Underwater applications of acousto-optical imaging (U)	1974
19740088119	High resolution pointable imager point design	1974
19740088120	Contamination avoidance devices for poppet type shutoff valves	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740088125	The James Franck Institute	1974
19740088129	France: Nuclear, missile, and space developments, GUO no. 381	1974
19740088130	France: Nuclear, missile, and space developments, GUO no. 382	1974
19740088131	Japan: Nuclear, missile, space, and defense developments, GUO no. 202	1974
19740088132	Iterative method for thick cambered wings in subcritical flow	1974
19740088133	Contributions to the UK microwave landing system study, phase 1. Part 2: Figures only	1974
19740088134	The performance of a small, ECT-driven, transonic wind tunnel	1974
19740088135	MEGASTAR: The Meaning of Growth; an Assessment of Systems Technologies, and Requirements	1974
19740088141	Tactical operations system operable segment (TOS2) continuity of operations test	1974
19740088142	Manufacturing methods for silicon devices on insulating substrates	1974
19740088145	Wear and fretting fatigue resistant coatings for titanium alloys	1974
19740088146	Manufacturing methods for MOS-FET bipolar integrated circuits	1974
19740088148	SES-100A steering and reversing system design analysis and test evaluation	1974
19740088150	LSI signal processor for radar	1974
19740088151	Condensation of nitrogen in a hypersonic nozzle flow field	1974
19740088153	Simula usage report	1974
19740088157	Derivation and application of information from passive electro-optical sensor systems	1974
19740088158	Improvement of the working situation of a navigation control station at hook of Holland	1974
19740088159	A computerized ambient noise (updated version, March 1974)	1974
19740088160	Aircraft fuel quantity gaging system application technology advancement, volume 2	1974
19740088161	Nuclear flash and thermal protection for aircrews	1974
19740088163	Radiometer technology development	1974
19740088165	Advanced airborne ASW avionics systems development for P-3C update: Aircraft comparative analysis of sonobuoy positioning systems	1974
19740088166	Spectral transmittance characteristics of adhesives from 0.2 through 15.0 micrometers	1974
19740088167	Protective coatings for hybrid microcircuits	1974
19740088168	Materials and the new dimensions of conflict: The implications of scarce resources	1974
19740088169	A model for Field Aligned Scattering (FAS) from heater modified ionosphere	1974
19740088170	Integrated monolithic photosensor arrays	1974
19740088171	Time division multiple access transmitter investigation	1974
19740088172	Low noise Schottky barrier FET transistor (InP)	1974
19740088173	Aircraft maintenance management (MAC) beyond the isochronal concept	1974
19740088174	Current systems acquisition realities	1974
19740088177	Digital conferencing units	1974
19740088178	Multi-8, a modular foreground-background monitor for the PDP8/I	1974
19740088179	Investigation of the concurrent photon amplification technique for increasing the speed of photographic films	1974
19740088180	New pyrotechnic binders, phase 2	1974
19740088188	Techniques of satellite tracking by satellites	1974
19740088189	Radio observation of artificial satellites and its role in fundamental astronomy	1974
19740088190	The 10.6 micrometer PbSTe mosaic development	1974
19740088192	Integrated Nav/Sat hybrid inertial development program	1974
19740088193	Junction growth techniques for GaAs avalanche transit time devices	1974
19740088194	Hardened solar power system	1974
19740088195	ABMDA fixed array radar fractional array test program	1974
19740088196	COBRA AH-1 monthly status reports for the period covering May 1972 - April 1974	1974
19740088204	Pulsed arc welding as a method to eliminate burn-through and reduce distortion in thin section aluminum alloys	1974
19740088205	Technical evaluation of a Tacan prototype first pulse decoding field change kit	1974
19740088214	The effect of proton and deuteron irradiation on the critical current density of superconducting Nb ₃ Sn diffusion layers	1974
19740088215	Modular airborne fire fighting system	1974
19740088221	The effect of acceleration on the nature of combustion of liquid explosives	1974
19740088222	Modular airborne fire fighting system. Tactics, addendum	1974
19740088223	Calculation of the Goos-Haenchen shift by the poynting vector prediction of a transverse displacement if the incident wave is elliptically polarized	1974
19740088229	A contribution to the design of reentry bodies	1974
19740088230	Superconductivity applied to underwater transducers	1974
19740088231	Flight limitations on engines	1974
19740088232	Features of aircraft control in maneuver	1974
19740088234	Ruggedized CO ₂ packaged laser	1974
19740088235	Manufacturing process for lubricating composites	1974
19740088236	RPV ground terminal antenna study conceptual design. Volume 2: Appendices	1974
19740088237	RPV ground terminal antenna study conceptual design, volume 1	1974
19740088239	Reliable Advanced Solid-State Radar (RASSR)	1974
19740088240	Rope project	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740088244	Urethane foam, auxiliary loading ramp wedges	1974
19740088245	AWS consolidation of forecaster services March/Norton	1974
19740088246	Evaluation of stick positioning device for use during F-4 airplane shipboard catapult launches	1974
19740088247	Limited navy evaluation of the S-3A Weapons Systems Trainer (WST) device 2 F92	1974
19740088248	Conduct a fleet operational appraisal of the carrier air traffic control center automated communications suite	1974
19740088250	Terminal homing engineering flight test MT7 missile with Army laser seeker, 7 August 1973	1974
19740088252	Three terminal semiconductor microwave amplifier	1974
19740088253	Methods for calculating magnus forces on slender bodies of revolution	1974
19740088255	TF34-GE-2 rocket gas ingestion test	1974
19740088263	Methodology investigation of structural test and evaluation	1974
19740088264	RDA ruby laser frequency double system	1974
19740088265	Chemical reaction hertzian generator	1974
19740088266	Target marking system for light aircraft	1974
19740088267	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 2: System design. Part 2: RCC display/control subsystem design description	1974
19740088268	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 2: System design. Part 3: RCC data processing hardware subsystem design description	1974
19740088269	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 2: System design. Part 9: Launch and recovery subsystem design description	1974
19740088270	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 2: System design. Part 10: Facilities subsystem design description	1974
19740088271	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 2: System design. Part 12: Reliability and maintainability allocations, assessments, and analysis report	1974
19740088272	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 1: Functional allocations trade study report	1974
19740088273	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 3: Facilities trade study/analysis report	1974
19740088274	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 5: Control facilities software trade study/analysis report	1974
19740088275	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 6: Control facilities data processing trade study/analysis report	1974
19740088276	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 7: RCC display/control trade study/analysis report	1974
19740088277	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 9: Avionics trade study/analysis report	1974
19740088278	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 2: System design. Part 4: RCC data processing software subsystem design description	1974
19740088279	Drone Control and Data Retrieval System (DCDRS). Preliminary design study final report. Volume 3: Trade studies and analyses. Part 2: Man-machine interface analysis	1974
19740088280	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: Trade studies and analyses. Part 3: EMC/EMI-Tempest analysis	1974
19740088281	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 4: Display types and techniques trade study	1974
19740088282	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 5: Modularity of processing trade study	1974
19740088283	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade and analyses. Part 6: Display methodology trade study	1974
19740088284	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 7: Control and data management concepts	1974
19740088285	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 8: Basic program language trade study analysis	1974
19740088286	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 9: Data processing analysis	1974
19740088287	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 12: TACS interface/data flow analysis	1974
19740088288	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: Trade studies and analyses. Part 22: Risk evaluation and technology list	1974
19740088290	Joints for advanced composite structures: A technology review and evaluation plan to determine marine suitability	1974
19740088292	The 20mm plastic/misch metal incendiary projectile	1974
19740088294	Qualification tests for aircraft lighting equipment (symbolic displays incorporated, pulstar strobe and position light system consisting of a P/N 701020-1 power supply, a P/N 701021 timer, and a P/N 202144 light fixture	1974
19740088295	Test and evaluation of smoke reduction hardware in the TF30-P-6 engine	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740088296	Documentation of naval in-service aircraft wheel and brake assemblies	1974
19740088298	Photovoltaic effect in semiconductors	1974
19740088301	Natural periodic three dimensional convection in a non-stationary regime	1974
19740088302	The technical - tactical data of the best known sport and paraglider parachutes	1974
19740088303	A study of liquified petroleum gas as a fuel for USAF general purpose vehicles	1974
19740088304	Broadband power transistor 4.4-5.0 GHz	1974
19740088306	Some results of the 1958 delta 1 observations	1974
19740088308	The next FAC aircraft	1974
19740088309	An analysis of paramilitary fuel support operations	1974
19740088310	Rotary engine fanjet preliminary design study	1974
19740088317	CASEE (Carrier Aircraft Support Effectiveness Evaluation) simulation model	1974
19740088318	Product Improvement (P1) test of protective cover for the XM234 nuclear warhead section	1974
19740088324	Radiance and attenuation of luminescence in IR detector substrate material	1974
19740088325	USAF aircraft hijackings: An analysis of policies and procedures	1974
19740088365	Rocket motor Mark 66 Mod 0 stress analysis	1974
19740088366	A real-time interactive OTH-B radar display system for wide-area track-while-scan operation	1974
19740088368	Rat scat antenna pattern measurements of pave deuce	1974
19740088373	Hydrofluidic fly-by-tube primary flight control system, phase 1	1974
19740088374	A ballistic test to compare the ignitibility of JP-8 turbine fuel as a liquid, emulsion, and gel	1974
19740088375	The national security policy aspects of world energy supply and demand, 1980 - 2030	1974
19740088376	ECM noise source	1974
19740088378	Parametric study of advanced forward area air defense weapon system (AFAADS). Volume 2: Data processing requirements analysis, supplement	1974
19740088379	Review and evaluation of advanced behavioral science techniques for indications and warning applications	1974
19740088380	The investigation of stellar image motions and quality of stellar images at two artificial earth satellite observation stations in Mongolia	1974
19740088381	An introduction to naval air strike warfare analysis	1974
19740088382	Flight test of the active night covert viewing system (ANCOVS)	1974
19740088383	Indium phosphide Gunn devices	1974
19740088384	The Frank J. Seiler Research Laboratory: A case study	1974
19740088385	Introduction to a new pressure transducer technology	1974
19740088387	Characteristics of commercial power systems	1974
19740088388	The storage stability of Navy distillate fuel for ships	1974
19740088389	International time transfer between the US Naval Observatory and the Royal Greenwich Observatory via the Timation 2 satellite	1974
19740088391	C-5 IMU alignment abort criteria	1974
19740088392	Production engineering measure. Solid encapsulated semiconductor device comparison study	1974
19740088394	Advanced concept development of an integrated supership system. Volume 1: System overview	1974
19740088402	Charge-Coupled Device (CCD) boram memory techniques (nonvolatile)	1974
19740088403	Tightening torque and clamping force relationship for a range of threaded fastener sizes	1974
19740088404	Deck log and quartermaster's notebook investigation as part of the CNO pilot program for reduced bridge manning	1974
19740088406	Development of a non-aqueous high energy battery system	1974
19740088407	The present numerical foundations for reduction of triangulation measurements to the ellipsoid	1974
19740088408	Jet noise reduction for military reconnaissance/surveillance aircraft. Phase 2: Analysis and design of a quiet research test vehicle	1974
19740088413	Theory and construction of fuel cells	1974
19740088414	Vibration test of the Thiokol Chemical Corporation FLTSATCOM Apogee kick motor d-2 system S/N 19002 D-2	1974
19740088415	Handbook for the Army Rocket School	1974
19740088416	Response of airborne electroexplosive devices to safeguard electro magnetic radiation	1974
19740088419	Fabrication of a fluorophosphazene low temperature fuel hose	1974
19740088421	Detection of signals with unknown coherence time, a synopsis	1974
19740088422	Autonomous systems to perform simple military tasks	1974
19740088423	Adaptive radar ground test instrumentation package	1974
19740088424	Technology of image tubes using III-V compound photocathodes	1974
19740088425	Development of an electrostatic switch and timer modules	1974
19740088427	Vibration and acoustic environment of UH-1C helicopter configured with and using M-5 and XM-21 armament	1974
19740088432	High average power diode laser illuminator, phase 1/phase 2	1974
19740088433	Evaluation of TTY equipment for P-3A/B aircraft	1974
19740088435	Aerodynamic methodology bodies with and without tails in transonic flow	1974
19740088436	Exploratory development of processable laminating resins with improved toughness and moderate temperature capability, phase 1	1974
19740088439	Design verification of Bendix Corporation P/N 32B172-1-A 100 VA, 3/1 phase, rotary inverter	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19740088440	Qualification testing of Arrow-Hart, Incorporated circuit breakers, P/N AHW-4	1974
19740088441	Electrical design verification tests of the A-6 ram air turbine generator	1974
19740088442	High energy laser mirrors and windows	1974
19740088445	A desk calculator code for predicting fragment penetration performance versus single and multiple target layers	1974
19740088447	ACLS certification trials of USS ranger	1974
19740088448	Fast cool down 195 K thermoelectric cooler modules	1974
19740088449	Jet flow analytical model with application to the VTOL porous platform	1974
19740088450	Aircraft survivability program	1974
19740088451	Thin film optical waveguide technology	1974
19740088452	A system for vertical firing and parachute recovery of military projectile	1974
19740088454	Production engineering measure for improved reliability of subminiature metallized polycarbonate capacitors	1974
19740088458	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: Trade studies and analyses. Part 31: Crypto capabilities and comsec equipment trade study, appendix B (U)	1974
19740088459	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: Trade studies and analyses. Part 29: Mission planning algorithm analysis (U)	1974
19740088460	Quiet attack aircraft. Volume 2: Technical report (U)	1974
19740088464	Technical evaluation of the terrain-contour-matching-aided inertial navigation system (U)	1974
19740088466	Attack helicopter: Daylight offense (USACDEC experiment 43.8). Volume 5, Supplement 2. Data package air-to-ground target acquisition and hand-off (U)	1974
19740088470	Pre-production research for an engine suppression system for the OV-10A aircraft, Volume 2 (U)	1974
19740088471	A-7 infrared suppression component development and system design, addendum (U)	1974
19740088483	Glory trip (U)	1974
19750001964	Operational effectiveness of transport aircraft	1974
19750001983	Critical analyses and laboratory research work at the stage of aircraft preliminary design	1974
19750001984	Interference of a sweptback wing and the fuselage at transonic speeds	1974
19750001987	Performance improvement through control configured vehicle concept	1974
19750001988	The CCV concept and specifications	1974
19750002026	Imminent engine failure probe investigation	1974
19750002069	Mission Operation Report: Applications Technology Satellite (ATS-F)	1974
19750002122	Quantitative determination of benzo/a/pyrene in tar-containing drugs by an isotope dilution method	1974
19750002135	Effect of composition on stress corrosion cracking of austenitic stainless steels in several concentrations of boiling MgCl ₂ solutions	1974
19750002139	The effect of the titanium content on the active corrosion of ferritic r-steels and austenitic Cr-Ni-steels in sulfuric acid	1974
19750002180	Carbon-fiber-reinforced polymers and their thermal decomposition to carbon-carbon composites	1974
19750002280	Comparative measurements behind a compressor rotor with a space-bound and corotating cylindrical probes	1974
19750002281	Remarks about the influence of density fluctuations in turbulent boundary layers for compressible flow	1974
19750002282	Experimental Determination of the Pressure Recovery Coefficients in Conical Diffusers at Large Subsonic Velocities Under Various Inlet Conditions	1974
19750002283	One method of numerical solution of the Navier-Stokes equations for a compressible gas	1974
19750002332	Fire detection: The state-of-the-art	1974
19750002333	Certain systematic errors arising in the photometry of planetary discs	1974
19750002445	Rivers of the past: Creators of oil	1974
19750002447	Water elution of organic matter in the northern Taiga forests of the Kola Peninsula	1974
19750002449	Transformation of organic substances in soil	1974
19750002490	Thermal Diffusivity of Six Igneous Rocks at Elevated Temperatures and Reduced Pressures	1974
19750002493	Geochemical activity of soil microorganisms as an integral part of biogeocenosis	1974
19750002515	The economics of using wind power for electricity supply in the Netherlands and for water supply on Curacao	1974
19750002556	Finite-amplitude waves in a stratified jet stream and clear air turbulence	1974
19750002607	Problems of space biology. Volume 27: Radiobiology and genetics of arabadopsis	1974
19750002613	Motion sickness	1974
19750002614	Alterations of color sensation under hypoxic conditions	1974
19750002615	The problem of human statokinetic stability in aviation and space medicine	1974
19750002616	Man in space orbit	1974
19750002617	The dependence of reaction times on the location of the stimulus	1974
19750002672	Infrared filters	1974
19750002680	Acoustical studies of sound-producing sands	1974
19750002719	Development and astronomical application of a high quantum efficiency infrared upconverter	1974
19750002793	International space law	1974
19750002810	Infrared, radio, and X-ray observations of Cygnus X-3	1974
19750002812	Astrometry and astrophysics	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750002814	Earth - Space - Moon	1974
19750002815	Orbital geology	1974
19750002840	NASA Flight Research Center scale F-15 remotely piloted research vehicle program	1974
19750002858	Hot-wire anemometry for in-flight measurement of aircraft wake vortices	1974
19750002859	Results of full-scale vortex attenuation flight experiments	1974
19750002892	The earth in the lens of Salyut-3	1974
19750002916	Equipment for space research	1974
19750002957	Ergot alkaloids	1974
19750003001	Comments on current trends in research on the structural stabilization of austenitic steels containing manganese	1974
19750003048	Extraction of iron with methylethylketone	1974
19750003233	Strain gauge standard VDI/VDE 2635, bonded electric resistance strain gauges, characteristics and testing conditions	1974
19750003347	Space iconics	1974
19750003476	Stimulated Brillouin backscatter in the equatorial electrojet	1974
19750003510	The effects of meso-scale and small-scale interactions on global climate	1974
19750003521	Absorption of exogenic coenzymes by mitochondrial structures under normal conditions and under gravitational overload	1974
19750003522	Studies on the purification and characterization of dipeptidylaminopeptidase, 4	1974
19750003544	Cardiopulmonary efficiency in former and active champion scullers	1974
19750003545	Hyperbaric oxygenation	1974
19750003598	Estimating the effectiveness of human working capacity under spaceflight conditions	1974
19750003740	Outer space and crustal movements	1974
19750003742	Lunar soil from the Sea of Fertility	1974
19750003744	Geologo-morphological characteristics of the landing site of Luna 16 automatic station	1974
19750003770	Determination of volatile anions: Phosphorus, sulfur, fluorine, and also beryllium and boron in lunar regolith by emission spectral analysis	1974
19750003801	Investigation of mechanical properties of lunar surface material and its analogs in different atmospheric conditions and in vacuum on the TOR-1 unit	1974
19750003820	Calculation of the flapwise bending, edgewise bending, and torsional vibrations of rotor blades with coupled natural modes and frequencies	1974
19750003857	Friction and temperature rise in aircraft tires	1974
19750003927	Flight control and procedures for stimulated visual approach and landing. Self-paced training package	1974
19750003941	Visiting the solar family	1974
19750004045	Study on development of high Mn austenitic heat resisting steel: Choice of base composition and the effect of small additions of Ti and Nb	1974
19750004391	Dust storms according to data of space research	1974
19750004549	Non-caking freeze dried applesauce	1974
19750004829	Investigation of the influence of vortex generators on turbulent boundary layer separation	1974
19750004830	Flight tests in the wind tunnel for the development and testing of a gust alleviation system	1974
19750004840	Air transportation: Good and bad uses	1974
19750004876	An instrument panel on a color image tube	1974
19750004888	Test Techniques, Instrumentation, and Data Processing	1974
19750004929	Mechanics of flight to distant planets	1974
19750004932	Mutual aid in space orbits	1974
19750004964	Influence of shrinkage stresses on the stability of composite laminated materials	1974
19750004975	Amperometric titration of metal ions with EDTA. The analytical application of the oxide electrode	1974
19750004976	Electrochemical behavior of chromium (2) and chromium (3) ions on a mercury drop electrode in sulfate media	1974
19750004977	Recent developments in chromatographic extraction by means of synthetic polymers and their application to inorganic analysis	1974
19750004978	A new color reaction for caffeine	1974
19750005015	Improvement of high temperature strength of type 304 stainless steel by small additions of titanium and niobium	1974
19750005016	Effect of silicon on the intergranular corrosion and grain-boundary energy of austenitic nickel-chromium stainless steels	1974
19750005017	On the solubility of nitrogen in austenitic chromium-nickel and chromium-nickel-molybdenum steels	1974
19750005018	The effects of carbide stabilizing elements Ti, Nb and V on the high temperature strength and microstructural change of 18 percent Cr-10 percent Ni austenitic steel	1974
19750005019	The effect of molybdenum, tungsten, and vanadium on the anneal hardening of cold worked 18Cr-12Ni stainless steel	1974
19750005020	Effect of nitrogen on the elastomechanical properties of austenitic chromium-nickel steels	1974
19750005054	Long delayed radio echoes	1974
19750005122	Comparative study of the heat transfer of a nozzle blade profile in a wind tunnel and in an air turbine	1974
19750005123	Study of thermal phenomena in a Hartmann-Sprenger tube	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750005124	Computation of three dimensional field of motion in canals and basins using hydrodynamic numerical methods	1974
19750005150	Performance characteristics of a Helium-3 cooled semiconductor bolometer for astronomical infrared spectroscopy	1974
19750005199	Diffusion in solid bodies, taking diffusion welding into consideration	1974
19750005200	Methods of nonstationary measurement in turbines	1974
19750005201	Aerodynamic investigation of an air-cooled axial-flow turbine. Part 1: Turbine design and overall stage performance without supply of cooling air	1974
19750005268	Mapping of the major structures of the African rift system	1974
19750005295	From aerospace photographs to forecasting and calculating flows	1974
19750005296	The planet's soil resources	1974
19750005310	Utilization of solar energy	1974
19750005311	Solar power generating systems as sources of non-polluting energy (power generation in space and power generation on the ground)	1974
19750005312	Wind power projects of the French electrical authority	1974
19750005313	Exploiting wind power for the production of electricity	1974
19750005314	A system utilizing solar energy	1974
19750005366	Automation of the collection and analysis of scientific information in the problem of the interaction of the atmosphere and ocean	1974
19750005435	Bacterial contamination of indoor air as a function of air exchange	1974
19750005440	Research on cold sterilization with formalin vapors	1974
19750005441	NAD- and NADP-dependent dehydrogenase activities in erythrocytes under experimental hypoxia	1974
19750005442	Effect of hyperoxia on hemoglobin, serum protein and gas metabolism in adrenalectomized rats	1974
19750005443	The effect of caffeine upon blood glucose level	1974
19750005446	Problems of space biology. Volume 25: Decompression disorders	1974
19750005452	The central and peripheral visual acuity of the light-adapted and dark-adapted eye	1974
19750005480	On a method of minimizing the maximal accumulated error	1974
19750005481	Space cybernetics	1974
19750005544	New Methods of Studying Telescopic Lenses with Remarks on Assessing Quality	1974
19750005607	Report on the consolidation of the National Information System for Science and Technology	1974
19750005614	Space, cooperation, law	1974
19750005628	Superlight expansion of compact radio sources in quasars	1974
19750005629	Unusual stars	1974
19750005635	Interplanetary medium and physics of the magnetosphere	1974
19750005659	Sources of lunar geological data	1974
19750005660	Formation of the solar system	1974
19750005661	Origin of the solar system: Review of concepts and theories	1974
19750005662	Presentation of the models	1974
19750005663	Meteorites: Clues to the origin of the solar system	1974
19750005664	A review of lunar surface features	1974
19750005665	Impact cratering	1974
19750005666	Impact cratering mechanics and structures	1974
19750005667	Principles of extraterrestrial geological mapping	1974
19750005668	Interagency report: astrogeology 55, geologic mapping of the second planet. Part 1: Rationale and general methods of lunar geologic mapping. Part 2: Technicalities of map conventions, format, production mechanics, and reviewing. Part 3: History of the US Geological Survey lunar geologic mapping program	1974
19750005669	Geological provinces of the near side of the moon	1974
19750005670	Two former faces of the moon	1974
19750005671	Multi-ring basins and mascons	1974
19750005672	Lunar maria and circular basins: A review	1974
19750005673	Volcanism as a planetary process	1974
19750005674	Identification, distribution and significance of lunar volcanic domes	1974
19750005675	Lava tubes and channels in the lunar Marius Hills	1974
19750005676	Lunar geophysics	1974
19750005677	The interior of the moon	1974
19750005678	Geology of the Apollo landing sites: A summary	1974
19750005679	Summary of scientific results: Apollo 11	1974
19750005680	Summary of scientific results: Apollo 12	1974
19750005681	Summary of scientific results: Apollo 14	1974
19750005682	Summary of scientific results: Apollo 15	1974
19750005683	Summary of scientific results: Apollo 16	1974
19750005684	Summary of scientific results: Apollo 17	1974
19750005685	The geology of Mars	1974
19750005686	A generalized geologic map of Mars	1974
19750005687	An overview of geological results from Mariner 9	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750005688	Educational Programs and services	1974
19750005689	Approaches for teaching planetology	1974
19750005690	Selenology exercise	1974
19750005691	Lunar photo exercise	1974
19750005692	Impact crater experiments	1974
19750005693	Geologic mapping exercise	1974
19750005694	Lunar samples	1974
19750005695	Apollo landing site exercise	1974
19750005696	Use of Lunar Orbiter photographs in earth science courses	1974
19750005697	Accuracy of determination of the dielectric constant and the temperature of a subsurface layer from polarization measurements	1974
19750005698	Man investigates the planets	1974
19750005699	Mars-5: Surface and atmosphere of the red planet	1974
19750005780	A STOL airworthiness investigation using a simulation of a deflected slipstream transport. Volume 2: Simulation data and analysis	1974
19750005781	A STOL airworthiness investigation using a simulation of a deflected slipstream transport. Volume 3: Breguet 941S simulation model	1974
19750005810	Mission and organization of the DFVLR: Two years of integrated society of German aeronautical and space flight research	1974
19750005987	Problems associated with noise measurements in airflows	1974
19750006287	Skylab medical program overview	1974
19750006288	Flight control experiences	1974
19750006289	Skylab 4 crew observations	1974
19750006290	Skylab 2 crew observations and summary	1974
19750006291	Skylab crew health - Crew surgeons' reports	1974
19750006292	Skylab oral health studies	1974
19750006293	Analysis of the Skylab flight crew health stabilization program	1974
19750006294	Skylab environmental and crew microbiology studies	1974
19750006295	Radiological protection and medical dosimetry for the Skylab crewmen	1974
19750006296	Toxicological aspects of the Skylab program	1974
19750006297	Experiment M-131. Human vestibular function	1974
19750006298	The effects of prolonged exposure to weightlessness on postural equilibrium	1974
19750006299	Skylab sleep monitoring experiment (M133)	1974
19750006300	Visual light flash observations on Skylab 4	1974
19750006301	Changes in the Achilles tendon reflexes following Skylab missions	1974
19750006302	Task and work performance on Skylab mission 2, 3 and 4 (time and motion study - Experiment M151)	1974
19750006303	Crew efficiency on first exposure to zero-gravity	1974
19750006304	Mineral and nitrogen metabolic studies, experiment M071	1974
19750006305	Physiological mass measurements in Skylab	1974
19750006306	Bone mineral measurement - Experiment M078	1974
19750006307	Muscular deconditioning and its prevention in space flight	1974
19750006308	Biostereometric analysis of body form	1974
19750006331	Intracytoplasmic ultrastructures in peripheral blood cells in lupus erythematosus	1974
19750006332	The function of the body and factors of space flight	1974
19750006358	Ecological factors involved in maintaining the biota of the anterior nares of man, 1968 - 1974	1974
19750006369	Influence of spatial and energistic factors on a visual field of an operator	1974
19750006370	The hygienic basis of standards of illumination. Types of visual fatigue	1974
19750006425	Analysis and optimization of cyclic methods for application in orbit computations	1974
19750006526	Characteristics of light intensity fluctuations in a diffraction order as a function of the angle of incidence of the light beam on the surface of an ultra-sonic light modulator	1974
19750006592	Introduction to the dynamics of planetary atmospheres	1974
19750006610	Mechanical processes affecting differentiation of proto-lunar material	1974
19750006768	Strength of combined materials (survey)	1974
19750006779	New data on the formation of Ca(O ₂) ₂ by means of CaO ₂ x 2H ₂ O ₂	1974
19750006806	Cathodic protection	1974
19750006883	A census of New York harbor marine traffic derived from side-looking airborne radar data	1974
19750007077	Solar energy	1974
19750007191	Does immobilization and pressure bearing of a joint result in ossification in an animal experiment?	1974
19750007254	NIMBUS-5 sounder data processing system. Part 1: Measurement characteristics and data reduction procedures	1974
19750007258	A software implementation of a satellite interface message processor	1974
19750007319	A study of the Van der Waals force at small distances	1974
19750007438	Feasibility study of luminescent pavement markers. A study of seven luminescent systems for wet-night visibility	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750007490	A geologic analysis of Martian surface features from Mariner 9 photography as a basis for systematic geologic mapping of Mars: Geology of the Noachis Quadrangle, Mars	1974
19750007501	Mars-3: Infrared temperatures and thermal	1974
19750007512	Physics of cosmic rays	1974
19750009087	Millimeter and submillimeter waveband gyrotrons	1974
19750009263	The significance of aerodynamic jet interference in development and testing of the Do 31 V/STOL transport	1974
19750010061	Comparison of inferred and observed interplanetary magnetic field 1970 - 1972	1974
19750010116	Analytical study of ventilated wind tunnel boundary interference on V/STOL models including wake curvature and decay effects	1974
19750010831	On the algebraic structure of bilinear systems	1974
19750010832	Lie algebras and Lie groups in control theory	1974
19750010833	Electrical networks containing controlled switches	1974
19750010834	Summary and conclusions	1974
19750010838	MOS 4096 bit shift register	1974
19750010894	Transient and steady-state velocity of domain walls for a complete range of drive fields	1974
19750011040	Apollo 11 Voice Transcript Pertaining to the Geology of the Landing Site	1974
19750011133	Design Considerations for Stall/Spin Avoidance	1974
19750011874	Pathogenic effects of the thermal factor	1974
19750012428	Silicates and chromite in the multimineral inclusions of the Sikhote-Alin octahedrite	1974
19750013092	Astrometrics and astrophysics, no. 17	1974
19750013122	Silicate inclusions and impact metamorphism features in the El'ga octahedrite	1974
19750013123	Results of a study of the Malakal chondrite (Sudan)	1974
19750013124	The stony Kabakly meteorite	1974
19750013125	The Pomozdino eucrite	1974
19750013441	DC-DC converters	1974
19750014121	Some economic benefits of a synchronous earth observatory satellite	1974
19750016442	Ion Implantation of Diatomic Sulfur into GaAs	1974
19750016651	Increasing the wear resistance of aircraft parts	1974
19750016735	Analysis of commercial equipment and instrumentation for shuttle sortie lab payloads. Volume 1: Executive summary	1974
19750016921	Statistical properties of signals reflected from the ionosphere	1974
19750017025	Nonlinear hydrodynamic systems	1974
19750017705	NASA Authorization of Appropriations for Fiscal Year 1976 and Transition Period	1974
19750018899	Analysis and Compilation of Missile Aerodynamic Data	1974
19750020093	Differential detectors for gas chromatography	1974
19750021533	How to build Gulliver's watch (biosphere model)	1974
19750021658	Effect of sectioning of the spinal cord in the midlumbar portion on heat exchange and development of fever in rabbits	1974
19750022569	A Recognition Key to Salt Marsh Mosquito (Aedes Sollicitans) Breeding Areas in South Galveston County	1974
19750022767	Numerical methods for evaluating the derivatives of eigenvalues and eigenvectors	1974
19750023471	TERSSE: Definition of the Total Earth Resources System for the Shuttle Era. Volume 1: Earth Resources Program Scope and Information Needs	1974
19750024878	Space station data flow, amended	1974
19750028000	From Mars with love	1974
19750028799	Viability of Bacillus subtilis spores exposed to space environment in the M-191 experiment system aboard Apollo 16	1974
19750039386	Classification by Means of B-Spline Potential Functions with Application to Remote Sensing	1974
19750045230	Variation of Atomic Hydrogen Density in a Propane/Oxygen Flame as a Function of Chamber Pressure	1974
19750063756	Semiannual Status Report, 1 May - 31 October 1974	1974
19750063768	The study of viscous flow fields, turbulent flow and the noise generation mechanism in turbulent flow	1974
19750063770	Tiros Weather Watch	1974
19750063771	Remote sensing program	1974
19750063772	Accidental non-ideal explosions	1974
19750063808	Catalysts for electrochemical generation of oxygen	1974
19750063810	Spacelab software development and integration plan	1974
19750063822	Biphasic response of lymphoid tissue under continuous irradiation	1974
19750063874	Advanced launch vehicle capabilities for unmanned interplanetary missions	1974
19750064110	Age, origin, and composition of meteorites	1974
19750064111	Nuclear gamma ray astronomy: Prospects for HEAO-B	1974
19750064119	Magnetospheric structure and radiation mechanisms of pulsars	1974
19750064120	Semiannual status report	1974
19750064131	Quantum chemical calculation of interatomic potentials for computer simulation of solids	1974
19750064132	Satellite-tracking and earth-dynamics research programs	1974
19750064133	Semiannual status report, period ending 15 September 1974	1974
19750064134	Microelectronics and metallic oxide studies and applications	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750064135	Semiannual status report	1974
19750064136	An investigation of the galactic and interplanetary night sky emission at 6300 angstroms using data from OGO-4	1974
19750064137	Infrared spectra of molecules and materials of astrophysical interest	1974
19750064138	Observation of emission lines in M supergiants	1974
19750064140	Semiannual status report, 1 April - 30 September 1974	1974
19750064141	Digital adaptive control of a VTOL aircraft	1974
19750064142	Compressible unsteady potential aerodynamic flow around lifting bodies having arbitrary shapes and motions	1974
19750064143	A summary of high school guidance counselors seminar	1974
19750064144	Spectroscopic observations of the planets	1974
19750064145	Spectroscopic observations of the planets	1974
19750064146	The application of remote sensing technology to the solution of problems in the management of resources in Indiana	1974
19750064191	Infrared laboratory studies of synthetic planetary atmospheres	1974
19750064193	An X-ray photoelectron spectroscopy study of nickel and nickel-base alloy surface alterations in simulated hot corrosion conditions with emphasis on eventual application to turbine blade corrosion	1974
19750064195	Solar system physics	1974
19750064197	Imaging natural materials with a planetary lander quasi-microscope	1974
19750064198	Dry-wall heat transfer measurements on a simulated high pressure, high temperature turbine inlet guide vane	1974
19750064199	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1974
19750064201	Monitoring spacecraft atmosphere contaminants by laser absorption spectroscopy	1974
19750064202	Semiannual status report, 1 June - 1 December 1974	1974
19750064204	Remote sensing research and applications in Oregon	1974
19750064282	Semiannual status report, 1 April - 30 September 1974	1974
19750064284	Research for the exploitation of advanced composites to lightly-loaded structures	1974
19750064430	A radially streaming particle model for Seyfert galaxy nuclei and quasistellar objects	1974
19750064431	Activities and expenditures	1974
19750064432	Port Fourchon multiport: Louisiana's multi-use port of the future	1974
19750064440	McDonald Observatory lunar laser ranging project	1974
19750064504	Mechanisms of alertness, attention and information processing in man	1974
19750064516	Proposed utilization of ion implanted filaments as ion sources for in situ calibration of unmanned space vehicles and other applications	1974
19750064518	Nonlinear aeroelasticity research	1974
19750064520	Analysis of nuclear induced plasmas by means of kinetic theory	1974
19750064522	Detection techniques for tenuous planetary atmospheres	1974
19750064525	Determination of the intensity of turbulence in a liquid rocket combustion chamber	1974
19750064526	Acoustic energy effects in sleep and human performance	1974
19750064561	Design of the large space telescope control system	1974
19750064576	Application of remote sensing to state and regional problems	1974
19750064578	Studies of silicon P-N junction solar cells	1974
19750064580	Interdisciplinary research concerning the nature and properties of ceramic materials	1974
19750064646	Interiors of the gaint planets	1974
19750064994	Earth resources experiment package: Sensor performance report, volume 1, S190A (engineering baseline, SL2, SL3 and SL4 evaluation)	1974
19750064995	Earth resources experiment package: Sensor performance report, volume 2: S191 (engineering baseline, SL2,SL3 and SL4 evaluation)	1974
19750065071	The direct combination of satellite and gravity data	1974
19750065073	NASA traineeship program in aeronautics	1974
19750065075	Reduction of effective film speed using developer additive 1-phenyl-5-mercaptotetr azole	1974
19750065076	Investigation and studies of ultraviolet stellar spectra and associated instrumentation	1974
19750065089	Planned invention for space power	1974
19750065453	Earth resources experiment package: Sensor performance report, volume 3, S192 (engineering baseline, SL2, SL3, and SL4 evaluation)	1974
19750065454	Earth resources experiment package: Sensor performance report, volume 5, S193 Alt. (engineering baseline, SL2, SL3 and SL4 evaluation)	1974
19750065455	Earth resources experiment package: Sensor performance report, volume 6, S194	1974
19750065456	Combustion instability in liquid propellant rocket motors	1974
19750065564	Apollo-Soyuz test project operation handbook command/service/docking modules systems operating procedures	1974
19750065568	Study of high energy radiation associated with solar flares and auroral zone phenomena	1974
19750065569	Applications team masks	1974
19750065603	Abstract: Composite film interface control by sequential sputtering	1974
19750065610	Applications of remote sensing in resource management in Nebraska	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750065615	Semiannual status report, 1 May - 31 October 1974	1974
19750065616	Skylab program: Earth resources experiment package. Sensor performance report: Volume 4: (S193 R/S) engineering baseline, SL2, SL3 and SL4 evaluation	1974
19750065653	Interdisciplinary research concerning the nature and properties of ceramic materials	1974
19750065691	Chlorination studies. 2. The reaction of aqueous hypochlorous acid with alpha-amino acids and dipeptides	1974
19750065704	Indications of fluid immiscibility in glass from West Clearwater Lake impact crater, Quebec, Canada	1974
19750065814	Modern astronomical instrument development	1974
19750065830	Launch vehicle test and checkout plan. Volume 2: Saturn 1B launch vehicle AS-210 ASTP flow plan and listings	1974
19750066225	Practical space research at Goddard	1974
19750066331	Semiannual status report	1974
19750066373	Computer-aided structural design	1974
19750066374	Semiannual reports, 1 January - 31 December 1974	1974
19750066389	Planetary spectroscopy	1974
19750066430	Investigations into the profiles, strengths, and shifts of spectral lines, in the infrared spectral region, of various gases of atmospheric interest	1974
19750066431	Low power, low-speed data storage and processing techniques	1974
19750066457	Reply by authors to D. E. Jensen	1974
19750066463	Radioactivities in returned lunar materials	1974
19750066475	IUTAM Symposium on buckling of structures	1974
19750066480	Comfort judgment as a function of age of passenger and noise and vibration encountered on urban mass transit vehicles	1974
19750066524	The application of interactive computer graphics to aircraft structural analysis and aircraft stimulation	1974
19750066528	Program of research in flight sciences	1974
19750066550	Steady state interaction between radiation and matter in stellar atmospheres	1974
19750066551	Research on the linear optimal servo problem	1974
19750066557	Theoretical and experimental studies in ultraviolet solar physics	1974
19750066560	Continuous wave ultrasonic microemboli monitor for use in extracorporeal perfusion	1974
19750066576	Orbit-spectrum sharing between the fixed-satellite and broadcasting-satellite services at 12 GHz	1974
19750066598	HAL/S programmer's guide	1974
19750066604	Generation of ultraviolet and vacuum ultraviolet radiation	1974
19750066609	Color pictures of planets from black and white images	1974
19750066620	Multidisciplinary research in theoretical biology	1974
19750066621	An extension of Bass algorithm for stabilizing linear continuous constant systems	1974
19750066644	Physiological response to environmental factors related to space flight	1974
19750066647	Meteorite photography and recovery network	1974
19750066694	Computational techniques in transonic flow	1974
19750066735	Applications to earth physics: Study of the feasibility of a wideband recording system (MK III) for very-long-baseline interferometry	1974
19750066763	Nonlinear correction to Ohm's law derived from Boltzmann's equation	1974
19750066765	Reply by author to K. M. Foerster	1974
19750066930	Aerospace tanks. Characteristics of existing propellant tanks and pressure vessels for spacecraft application, volume 1	1974
19750066931	Aerospace tanks. Characteristics of existing propellant tanks and pressure vessels for spacecraft application, volume 2	1974
19750067120	The distribution of stratospheric ozone from photometry of eclipsing earth satellites	1974
19750067122	Third summary document, supplement a	1974
19750067569	A study of heavy-heavy nuclear reactions	1974
19750067646	Thermodynamics and kinetics of reactions in protective coatings systems	1974
19750067713	Origins of biological information and genetic code	1974
19750067715	Thermodynamic functions of molecular hydrogen from ab initio energy levels	1974
19750067716	Measurement of the gas constants for various proportional-counter gas mixtures	1974
19750067757	Resonance raman scattering 11 uniaxial stress in the region of the E1 gap in InAs	1974
19750067795	Spherically-symmetric supersonic source flow: A new use for the PrandtlMeyer function	1974
19750067797	Observational constraints on model atmospheres for uranus and neptune	1974
19750067803	UNM General Library/Technology Application Center literature search service: An experimental program, FY 1974	1974
19750067834	Rocket spectrometer for investigation of the far ultraviolet solar spectrum	1974
19750067835	Directional acoustic measurements by laser Doppler velocimeters	1974
19750067838	The performance and capabilities of terrestrial organisms in extreme and unusual gaseous and liquid environments	1974
19750068177	US air pollutant generation in 1967	1974
19750068335	Space shuttle main engine definition (phase B). Volume 1: Engine system	1974
19750068336	Space shuttle main engine definition (phase B). Volume 3: Combustion devices	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750068375	A study of the economic impact of transfer of NASA developed technology to foreign manufacturers. Volume 1: Technical report	1974
19750068376	A study of the economic impact of transfer of NASA developed technology to foreign manufacturers. Volume 2: Appendices A - D	1974
19750068724	Comment on Spherically-symmetric supersonic source flow: A new use for the Prandtl-Meyer function	1974
19750069163	Differentiation of the matter of the moon	1974
19750069164	Lunar mascons	1974
19750069262	The origin of the moon	1974
19750069263	The main peculiarities of the processes of the deformation and destruction of lunar soil	1974
19750069264	To the problem about the origin of lunar maria and continents (Mossbauer investigations)	1974
19750069265	The surface prevalence and stratigraphy of lunar rock from its albedo	1974
19750069266	Primary cosmic rays on the lunar surface	1974
19750069267	On the mechanism of the magnetic dynamo of the planets	1974
19750069268	Magnetic field of the planet Mars (in two parts)	1974
19750069271	Calculations of the moon's heat history at different concentrations of radioactive elements taking account of the material differentiation during melting	1974
19750069272	Time scale of the formation of the earth and planets and its role in their geochemical evolution	1974
19750069273	Deep electromagnetic sounding of the moon from Lunokhod-2 data	1974
19750069274	Investigation of the material composition of the Luna-16 lunar sample	1974
19750069275	Radiation history of matter returned by the Soviet automatic stations Luna-16 and Luna-20, according to data of track investigations	1974
19750069276	Measurement of the optical properties of lunar rocks in the transition zone resulting from observations made by Lunokhod-2	1974
19750069277	Heat flow and thermal history of the moon	1974
19750069278	Radioactivity of the moon, planets, and meteorites	1974
19750069279	Mysteries of the origin and thermal history of the moon	1974
19750069280	The significance of exogenic factors in the formation of the lunar surface	1974
19750069302	On the chemical composition of the cores of the terrestrial planets and the moon	1974
19750069303	The effect of temperature and pressure on the distribution of elements of the iron group between metal and olivine phases in the process of differentiation of protoplanetary substance	1974
19750069304	New results and a review of the published data for the Luna-20 core	1974
19750069572	Improved measurement and display of signatures of mandibular motion	1974
19750069889	Ionisation structure and transfer of radiation in dusty nebulae	1974
19750069890	Interdisciplinary research concerning the nature and properties of ceramic materials	1974
19750070102	Determination of marine and coastal processes on the Puerto Rico-Virgin Islands platform	1974
19750070383	Comparison of stress corrosion cracking behavior of high strength alloys in natural seawater and synthetic sea salt solutions	1974
19750070436	Comparison of hearing thresholds and morphological changes in the chinchilla after exposure to 4 kHz tones	1974
19750070572	NERVA NRXA-ICF instrumentation environmental performance test of three (3) Clevite Accelerometers, piezoelectric type, model 25D2IX, serial nso. 5189, 5192, and 5193	1974
19750070870	Announcement of opportunities for participation in the solar maximum mission	1974
19750070884	Expected far infrared polarisation of H 2 regions and the nuclei of galaxies	1974
19750070885	Map of the galactic centre region at 2.2 micrometers	1974
19750071422	Study of effects of injector geometry on fuel-air mixing and combustion	1974
19750071472	Metaphase spread detection and focus using closed circuit television	1974
19750071504	Controls and Simulation Computer Study to Support Engine and Reactor Testing	1974
19750071915	STDN user's guide baseline document	1974
19750072177	Optimization of the flight in turbulence of a flexible airplane. Application of the Caravelle	1974
19750072178	Recirculation and jet induction	1974
19750072179	Small scale wind tunnel test of internal blowing for a swept wing modified buffalo aircraft, task 5	1974
19750072180	Quiet propulsive lift research aircraft design study. Volume 1: Research aircraft design, tasks 1 and 2	1974
19750072181	Flight-test handling qualities documentation of the research support flight system	1974
19750072183	Cost/benefit study of advanced materials technologies for aircraft turbine engines	1974
19750072184	Perform the necessary hardware modifications, checkout and calibrations on two existing electro-magnetic damper measuring systems. Volume 1: Force measurement test data	1974
19750072185	Perform the necessary hardware modifications, checkout and calibrations on two existing electro-magnetic damper measuring systems. Volume 2: Computer program for wind tunnel test data	1974
19750072186	Perform the necessary hardware modifications, checkout and calibrations on two existing electro-magnetic damper measuring systems. Volume 3: Force measurement test data	1974
19750072187	Postflight analyses for Delta program mission no. 101. WESTAR-A mission	1974
19750072190	Pioneer 11: Magnetic coordinates for the second Jupiter flyby	1974
19750072191	Post-flight analyses for Delta program mission no. 99. AE-C mission	1974
19750072192	RAE-B velocity control propulsion system/propellant loading cart operations manual	1974
19750072194	Shuttle communication experiment	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072195	Space tug systems study (cryogenic). Volume 1: Final overview briefing manual	1974
19750072196	Space tug systems study (cryogenic). Volume 2: Technical compendium	1974
19750072197	Functional subsystem software requirements document. Book 1, volume 4: Flight control vertical flight test	1974
19750072198	Space shuttle G and N equation document no. 24. Revision 2: Unified powered flight guidance	1974
19750072200	Skylab experiment payload safety study. Phase 1: Experiment hazard summary	1974
19750072202	Evacuated load-bearing high performance insulation study	1974
19750072203	Appended data to the final report: Shuttle EVA rescue study	1974
19750072204	Space system cost model. Volume 1: Final report	1974
19750072205	Avionics Development Laboratory (ADL) test plan (preliminary)	1974
19750072206	Consolidated instrumentation plan for ASTP	1974
19750072207	Design and development procedures for combustion stability in liquid rocket engines	1974
19750072208	Studies on space shuttle rocket exhaust effluent chemistry in the atmosphere	1974
19750072210	Time delays in Communication systems, phase 1	1974
19750072213	Orbiter and TDRS high gain antenna acquisition	1974
19750072214	Space shuttle S-band ranging techniques	1974
19750072216	Design guidelines for hybrid microcircuits. Adhesives and organic coatings for hybrid microcircuits	1974
19750072217	Task 505 test report. Initial Approach and Landing Test (ALT) wideband loading evaluation for shuttle development flight instrumentation	1974
19750072219	A study of relationships between performance in system tests and space	1974
19750072220	Study to develop cost models for earth observational sensors	1974
19750072221	On estimating gravity anomalies from gradiometer data	1974
19750072222	A 14-day continuous exposure of rodents to perfluoropentane	1974
19750072223	Basic medical results of the flights of the Soyuz-13, Soyuz-14 (Salyut-3) and Soyuz-15 spacecraft	1974
19750072224	Development of efficient breath-by-breath respiratory and metabolic measurement system for space-flight applications	1974
19750072226	Baltimore applications project	1974
19750072227	High resolution ground based observations in support of the Apollo telescope mount	1974
19750072228	Positive and negative ions in a simulated ionosphere	1974
19750072229	Spectral and velocity observations of the sun	1974
19750072230	Latitude ranges and Gaussian weight functions involved in solar EUV emission	1974
19750072231	Integrated potential formulation of unsteady supersonic aerodynamics for interacting wings	1974
19750072232	High reynolds number test of a NASA ten percent thick supercritical airfoil at transonic speeds (U)	1974
19750072237	Summary of VAK 191B development program	1974
19750072239	Summary of VAK 191B aircraft development program	1974
19750072240	Quiet propulsive lift research aircraft design study. Volume 3A: Addendum report to volume 1	1974
19750072241	Simulation program for advanced baseline configuration aircraft (U)	1974
19750072246	Effects of modifications including a supercritical airfoil on aerodynamic characteristics of a fighter airplane with variable sweep wing and twin vertical tails at Mach 2.01 (U)	1974
19750072249	Quiet propulsive lift research aircraft design study. Volume 3B: Noise prediction reference data	1974
19750072253	Mission support development plan for Apollo/Soyuz test project (ASTP) Skylark 1 (Rev. 48)	1974
19750072254	Gamma-ray spectrometer experiment Apollo 17: NaI(Tl) detector crystal activation	1974
19750072255	Optimization of propellant usage for the space tug vehicle	1974
19750072256	Space shuttle G/N equation document no. 25. Revision 1: Conic state extrapolation	1974
19750072257	Ground-based support of OSO-1 from the GSFC New Mexico solar station	1974
19750072258	ATS-6 spacecraft: An EMC challenge	1974
19750072259	SMS-1 flight dynamics postflight report	1974
19750072260	Initial orbital flight test wideband loading evaluation for shuttle development flight instrumentation	1974
19750072262	Space tug systems study (cryogenic). Volume 3: Executive summary	1974
19750072263	Aerodynamic characteristics at Mach 0.60 to 2.86 of a canard-control spin-constrained missile for low-to-moderate altitude missions (U)	1974
19750072264	Analytics of crystal growth in space	1974
19750072265	Assembly procedure, MA059 retroreflector, P/N SEF39109561	1974
19750072266	Abate delta modem and NSA continuous variable slope delta modem in a tandem (series) configuration test report	1974
19750072267	Design and development of a unified system for detection of life on Mars	1974
19750072268	Development of a frequency translator for use with laser Doppler system	1974
19750072269	Physiological responses to intermittent oxygen and exercise exposures	1974
19750072270	Principles of higher order software illustrated by application to a space shuttle prototype program	1974
19750072272	Solar radio continuum storms	1974
19750072274	A numerical method for isolated wing transonic flow calculations	1974
19750072276	A comparison of the aerodynamic characteristics of a conventional and a supercritical wing designed to the same high subsonic cruise and buffet-onset goals, phase 2 (U)	1974
19750072280	Computer aided structural methods with applications to a supersonic arrow-wing configuration	1974
19750072282	Parametric study of transport aircraft systems weight and cost	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072283	A computer program for preliminary geometric design of transport airport configurations with a constraint on the longitudinal cross sectional area distribution (U)	1974
19750072294	Low noise motion simulator study	1974
19750072295	Preliminary report on Lear Jet shuttle/spacelab simulation, mission no. 4	1974
19750072296	Studies on immiscible alloys, phase B	1974
19750072297	Guidance system operations plan Apollo Soyuz test project using program Skylark 1. Section 7: Erasable memory programs, revision 02	1974
19750072299	Integration of government furnished experiments into the NASA ATS-6 spacecraft	1974
19750072301	Postflight analyses for Delta program mission no. 102 SMS-A mission	1974
19750072302	Investigation of control surface effectiveness immersed in a simulated rocket exhaust	1974
19750072303	Project Space Shuttle. Sensor studies and evaluation, volume 2	1974
19750072305	Access requirements for processing and storage of the shuttle external tank at Kennedy Space Center	1974
19750072306	Payload utilization of tug follow-on. Volume 1: Executive summary	1974
19750072307	Payload utilization of tug follow-on. Volume 2: Technical report	1974
19750072310	Frequency division multiplexer performance versus magnetic recorder tape speed for shuttle development flight instrumentation	1974
19750072314	Space tug storable engine study. Volume 4: Project planning data	1974
19750072315	Shuttle solid rocket booster preintegration access requirements	1974
19750072318	Shuttle FSK data link optimization test report	1974
19750072319	Shuttle S-band RF acquisition techniques and procedures	1974
19750072330	ERTS analysis: A remotely accessed computer system for analysis of earth resources technology satellite data	1974
19750072332	Procedure for analysis of nickel-cadmium cell materials	1974
19750072333	The role of iron in the nickel-cadmium alkaline cell	1974
19750072334	Study of the mechanism associated with the failure of positive plates in aerospace nickel-cadmium cells when subjected to high depth of discharge at cold temperature (0 centigrade)	1974
19750072335	ALARMS study task, volume 2	1974
19750072336	Computation of the IGRF. 1: Spherical expansions	1974
19750072337	Research in aeronomy	1974
19750072338	Mariner 9: Prelude to first field test of a general theory of biology?	1974
19750072339	Development of a catecholamine and steroid hormone radioimmunoassays: The measurement of norepinephrine and aldosterone	1974
19750072340	Program to study optimal protocol for cardiovascular and muscular efficiency, experiment 2	1974
19750072342	A simplified approach to IBM 360 data management	1974
19750072350	Meteorite Ablation	1974
19750072351	Soft X-ray, extreme ultraviolet, and magnetic field. Analysis of a typical flare	1974
19750072360	Effects of modifications and external stores on aerodynamic characteristics of a fighter airplane with variable-sweep wing and twin vertical tails at Mach 0.65 to 2.01 (U)	1974
19750072361	Low-speed wind-tunnel investigation of a four-engine upper surface blown model having a swept wing and rectangular and D-shaped exhaust nozzles (U)	1974
19750072362	Simulation of a variable-sweep fighter aircraft (U)	1974
19750072363	Cost benefit study of advanced materials technology for aircraft turbine engines	1974
19750072364	V/STOL lift fan commercial short haul transports: An automatic flight control system capable of compensating for propulsion system failures	1974
19750072375	A formulation of the equations of motions for the Long Duration Exposure Facility (LDEF)	1974
19750072376	An analysis of the passive stabilization of the Long Duration Exposure Facility (LDEF)	1974
19750072379	Analysis of selected water impact loadings on the space shuttle solid rocket booster	1974
19750072381	Graphite fiber reinforced thermoplastic resins	1974
19750072389	Gravity zero (G0) analytical clinical laboratory system	1974
19750072391	Costing methodology for high speed research airplanes including parametric cost trend evaluations	1974
19750072395	Costing methodology for high speed research airplanes including parametric cost trend evaluations	1974
19750072408	Pyrolysis and combustion products of Nomex, Durette, and Tedlar polymers	1974
19750072452	Conceptual design study of 1985 commercial tilt rotor transports. Volume 2: VTOL substantiating data	1974
19750072468	MIST (Mius Integration and Subsystem Test)	1974
19750072549	Ultra fine sun sensor, phase A	1974
19750072552	Preliminary design of a 250 FT-LB-SEC double gimbal CMG	1974
19750072553	Feasibility study of seals for advanced aircraft transmissions	1974
19750072561	Users reference manual	1974
19750072562	Advanced Earth Observation System Instrumentation Study (AEOSIS)	1974
19750072569	Pulse discharge experiments with the ISEE-A silver cadmium battery	1974
19750072609	Specimen size rolls for aircrew headgear based on an analysis of the head measurements of 2000 Royal Air Force aircrew	1974
19750072610	A crystal controlled signal source capable of wide linear deviation	1974
19750072611	The friction and wear of non-graphitic carbons	1974
19750072612	Spontaneous ignition of aircraft hydraulic fluids	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072613	A theoretical and experimental investigation of the external-flow, jet-augmented flap	1974
19750072614	A description of the mathematical modelling of the ELDO vehicle	1974
19750072615	Correlation of the glass transition temperatures of carbon-chain fluoropolymers with their chemical structures	1974
19750072616	Thick Film Silicon Growth Techniques	1974
19750072617	Japan: Nuclear, missile, space, and defense developments, GUO no. 206	1974
19750072618	EBR-2 spectral parameters (reactor run 50H)	1974
19750072619	Interim recommendations for irradiation creep design equation for 20 percent cold worked type 316 stainless steel	1974
19750072620	Treat mark-2-loop tests D1 and D2 on locally overenriched fuel pins	1974
19750072621	Heat loss to cold structure during a fuel-coolant interaction	1974
19750072622	Recent additions to the parametric model of fuel-coolant interactions	1974
19750072623	The investigation of O and N2 densities from the OSO-7 extreme UV data	1974
19750072627	Users manual for the TRW MULTIWICK program	1974
19750072628	Crystallization of dense neutron matter	1974
19750072629	Analysis of ATS-5 data	1974
19750072630	Microfog lubrication for helicopter gearing	1974
19750072631	NASA Laser Data Relay Link (LDRL) experiment for the DOD/NASA cooperative space laser communication test flight. Volume 1: Technical proposal	1974
19750072632	NASA laser data relay link (LDRL) experiment for the DOD/NASA cooperative space laser communication test flight. Volume 2: Appendices to the technical proposal	1974
19750072634	Flame retardant polyphosphazenes	1974
19750072635	Biomedical technology transfer: Applications of NASA science and technology	1974
19750072667	Galactic and extragalactic infrared line emission	1974
19750072668	Development of an optical method for measuring supersonic sound absorptions in gases and liquids	1974
19750072669	Strategic airlift augmentation in the 1970s	1974
19750072670	Afterbody aerodynamic characteristics and support system interference on a twin-jet fighter-type aircraft model at Mach numbers from 0.6 to 1.5	1974
19750072672	Japan: Nuclear, missile, space, and defense developments, GUO no. 203	1974
19750072673	Evidence for X-ray emission from Capella: A possible new class of galactic X-ray sources	1974
19750072686	Static switching equipment	1974
19750072688	Dynamic environment, modeling, and analysis series. Part 3: The scenario generation and emitter parameter updating programs	1974
19750072697	NAS miramar AN/SPN-42A-T1 certification	1974
19750072698	P-17 and P-7-2 (T-62T-11 and T-62T-27) product support program	1974
19750072699	Adaptive antenna for spread spectrum sensor applications	1974
19750072700	Incremental length diffraction coefficients	1974
19750072701	P. E. M. for automation of production for multialkali photocathode processing	1974
19750072702	Millimeter-wave integrated circuits	1974
19750072703	Position location reporting system	1974
19750072704	Pendant line for an aft nozzled extraction rocket for the AH-1 in-flight escape system	1974
19750072705	Digital transmission system design	1974
19750072706	Machine readable hypsogram techniques	1974
19750072707	High-voltage transient tests of service transformers, lightning arresters, and an automatic switching unit	1974
19750072708	Exploratory and advanced development programs	1974
19750072712	Simplified shutter for aerial combat surveillance photography	1974
19750072714	Low-cost microwave radio set	1974
19750072715	USS Forrestal Automatic Carrier Landing System (ACLS) certification trails	1974
19750072716	Development of improved sealing procedures for the M-46 gyroswitch dome terminal	1974
19750072717	Qualification test of a Thiokol TE-M-364-15 rocket motor at simulated altitude conditions	1974
19750072718	Synthesis of ladder benzimidazoisoquinoline polymer containing dibenzothioephendioxide segments	1974
19750072719	Current status of testing textiles for flammability and combustibility, part 2	1974
19750072720	About nuclear armament	1974
19750072721	Ballistic/Aerodynamics Research System (BARS) facility	1974
19750072722	Automation of a technical control facility	1974
19750072723	The Condor missile system claim: An analysis with implication and recommendations for project managers	1974
19750072724	First article evaluation of pulse generators SG-1066/UPX	1974
19750072725	A review of millimeter wave technology	1974
19750072726	PII bimonthly progress report, December 1973 - January 1974	1974
19750072728	Off-line orthographic printer	1974
19750072729	Qualification test of the Mini Mig 2 tow target	1974
19750072730	Space transportation system: A critical review	1974
19750072731	Check test of launcher, rocket, 66-mm, 4-tube, M202A1	1974
19750072732	Evaluation of control stick/cursor relationships for tracking targets	1974
19750072733	Results of electromagnetic noise survey at US Naval Radio Station, Thurso, Scotland	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072734	Bragg angle diffraction of infrared radiation in air	1974
19750072735	A parametric life cycle cost and model for Army helicopters	1974
19750072736	Mark 14 recovery system energy absorber design study	1974
19750072737	First article testing of E and G Industries P/N CR3-200-TR28B transformer-rectifier cutout relay	1974
19750072738	Model A-7 banner tow adapter kits	1974
19750072739	Hybrid computer simulation study of a beam rider guided projectile	1974
19750072740	Electric drives for Army vehicles	1974
19750072743	Range and angle correction	1974
19750072744	Recommendations for improving the reliability and probability of mission success of USAF active ECM equipment	1974
19750072745	AFAR program, volume 1	1974
19750072747	Drone Control and Data Retrieval System (DCDRS), preliminary design study final report. Volume 3: Trade studies and analyses. Part 21: Launch and recovery trade study	1974
19750072748	Hypersonic turbulent boundary layer characteristics with mass transfer, Volume 1	1974
19750072749	Drone Control and Data Retrieval System (DCDRS), preliminary design study final report. Volume 3: Trade studies and analyses. Part 16: Relay trade study	1974
19750072750	Drone Control and Data Retrieval System (DCDRS), preliminary design study final report. Volume 3: Trade studies and analyses. Part 18: Human operator environment trade study	1974
19750072751	Drone Control and Data Retrieval System (DCDRS), preliminary design study final report. Volume 3: Trade studies and analyses. Part 19: Simulation analysis	1974
19750072752	Drone Control and Data Retrieval System (DCDRS), preliminary design study final report. Volume 3: Trade studies and analyses. Part 20: Navigation analysis	1974
19750072753	Drone Control and Data Retrieval System (DCDRS), preliminary design study final report. Volume 3: Trade studies and analyses. Part 23: Backup and redundancy analysis operability	1974
19750072755	Navigation community organization concept study, volumes A and B	1974
19750072756	DESPOT. A computer scheme optimizing the propulsion design and/or trajectory of a solid propellant rocket	1974
19750072759	Development test 2 (engineering phase) of zinc-air battery BA-536()/U	1974
19750072760	Measured engine and simulated solar heat inputs to an actively ventilated LVT-P7 compartment-MTV	1974
19750072761	Development of test and analysis plan for mechanical component reliability	1974
19750072763	Catapult track cover protective coating evaluation in simulated corrosive environment	1974
19750072764	Evaluation of Avtron model K349 voltage modulation meter	1974
19750072765	Structural demonstration of the model S-3A airplane	1974
19750072769	Vega target control system evaluation	1974
19750072770	Noise-interference investigations	1974
19750072773	Wind indicating system calibrations in USS RANGER CVA-61 and USS ENTERPRISE CVA n-65	1974
19750072774	Structural flight loads data from F/RF-4 and Thunderbird F-4E aircraft January 1972 through June 1973	1974
19750072775	Low drain integrated circuit assemblies for wide band applications	1974
19750072776	The accuracy reachable with the satellite camera SBG from Carl Zeiss Jena	1974
19750072777	Evaluation of fuel fog inerting concepts	1974
19750072780	Component parts assembly with joints, adhesive mechanical. Part 1: Surface preparation of aluminum for weldbonding	1974
19750072781	True course, phase 1 program report. Volume 3. Special tests and measurements	1974
19750072782	True course, phase 1 program report. Volume 2. Clutter maps	1974
19750072783	CVD annual report on development projects	1974
19750072787	Delay lines for use above 1 GHz	1974
19750072788	Static bearing strength at a wing of the LFU-205 in longitudinal tube structure	1974
19750072790	Evaluation of urethane rubber potting compounds not containing 4,4' methylenebis (2-chloroaniline)	1974
19750072792	Cathode-driven, high gain, crossed-field amplifier	1974
19750072793	Test loading of the DC/SR segment of the Tactical Information Processing and Interpretation (TIPI) system	1974
19750072797	Modified C-5 forward ramp toes	1974
19750072798	Hermetic microwave circuit packages	1974
19750072799	Ceramic mounted circuit for crossed-field amplifiers	1974
19750072800	Design, development, and flight test of a vertical fin mounted pitot-static probe system for F-4 aircraft	1974
19750072801	Development of a prototype fiber reinforced beryllium structure	1974
19750072802	Operations and maintenance cost of selected fleetsatcom elements	1974
19750072803	Brittle materials design, high temperature gas turbine	1974
19750072809	Design, fabrication, installation, and flight test of high power extended frequency range VHF/FM communications antenna for army aircraft Iroquois 6H-1H	1974
19750072810	Evaluation of military specification aircraft coatings	1974
19750072812	Configuration scale-model studies coanda/refraction noise suppression concept exploratory development	1974
19750072815	Telemetry calibration test report, S3-3 satellite without payloads	1974
19750072816	Electric discharge laser aerodynamic window development program	1974
19750072817	Test loading of the MRS 100 MS71 scraper, and WABCO330 HADS road grader	1974
19750072818	More storable fuels for gas dynamic laser application	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072820	Energy distributions of secondary ions	1974
19750072821	Investigation of pin diodes for highpower S-band duplexing	1974
19750072822	Mullard Limited progress report to CVD development projects	1974
19750072824	B-1 bomber: A required investment in national security	1974
19750072825	A determination of the geologic effects on nuclear crater formation by high explosive simulation techniques	1974
19750072826	The use of the delphi method within the Defense Department	1974
19750072827	Functional restructuring: An alternative approach to weather service consolidation	1974
19750072828	Fighter aircraft in quick reaction forest fire suppression	1974
19750072829	ADP-telecommunications integration	1974
19750072830	Ballistic investigation of various self-sealing fuel cell installation concepts	1974
19750072831	Development test 2 (service phase) of night vision goggles, AN/PVS-5, under Arctic winter conditions	1974
19750072832	Development test 2 (service test phase, Arctic environment) of mast AB-621()/G	1974
19750072834	An improved procedure for the reduction of interior ballistic data recorded on analog tape	1974
19750072835	Utilization of a RAID as the aerodynamic decelerator system for a 2000 round FAE bomb	1974
19750072838	Wideband dispersive surface wave filters	1974
19750072841	Shipboard safety considerations for ASMT Anti Ship Missile Target: Low altitude operations	1974
19750072843	Multilevel security for computer system networks: A survey and discussion	1974
19750072844	ICBM overtest technology. Overtest modeling (task 2) and subscale verification of model (task 3)	1974
19750072846	Universal digital avionics module study program. Volume 2: Functional simulation program users manual	1974
19750072848	Failure analyses of redeye weapons: (1) SN 325894: Accidental weapon firing. (2) SN-325894: Accidental missile battery activation	1974
19750072854	Bandwidth considerations for retransmission of OMEGA/VLF signals using AN/SSQ-41 transmitter and AN/ARR-52 receiver	1974
19750072862	Signature signal recording technique for wideband recorders/reproducers	1974
19750072872	Space communications	1974
19750072874	Production Engineering Measure (PEM). Power supplies for 18 and 25mm second generation image intensifier tubes	1974
19750072876	The subsonic aerodynamic characteristics of the 105(lc2)mm H(lc)e shell, M1 at angles of attack from zero to 180 degrees	1974
19750072877	Users guide for a six-degree-of-freedom seeker gyro simulation	1974
19750072880	Infrared plumes simulation test facility handbook	1974
19750072881	Spin Combustion: A new form of the expansion of the center of a chemical reaction	1974
19750072883	Report on the activity of section no. 6 (Interkosmos, R. G. K. Osmicheskaya Fizika)	1974
19750072886	Mathematical description of ADAPT	1974
19750072887	Programmable timing and phase control module for integrated tactical air control system	1974
19750072889	A dynamic missile synthesis model for Missile and Aircraft System Effectiveness (MASE) studies. Volume 1: Detailed analysis	1974
19750072890	Qualification tests for aircraft lighting equipment (Symbolic Displays, Incorporated, P/N 700801, S/N 4059, anticollision strobe light)	1974
19750072891	Advanced airborne ASW avionics systems development for P-3C update aircraft TRACOR tactical relative navigation system	1974
19750072892	Preproduction detailed test requirements for EMP tests of antenna filter set, AN/GRA-80, figure A 14133	1974
19750072893	Structural test of SUU-20 dispenser firing the improved SR-105 2.75 inch rocket	1974
19750072894	Advanced development test of a slant range fuze for a 2.75 inch rocket	1974
19750072895	Low cost S-band transmitter tube for phased array radars	1974
19750072899	Flight test to provide clearance for sidemounted sidewinder adapter on the A-6A airplane	1974
19750072900	Optical matched filtering for missile guidance	1974
19750072902	Automation of coating processes for gas turbine blades and vanes	1974
19750072903	Direct range Loran AN/ARN-92 modification	1974
19750072904	Service release testing of mark 80 mod 0 wind oriented rocket deployment rocket motor	1974
19750072905	Canard control effectiveness study on the air force advanced tactical rocket at Mach numbers 2, 3, 4, and 5	1974
19750072908	A dynamic missile synthesis model for Missile and Aircraft System Effectiveness (MASE) studies. Volume 2: MASE program manual	1974
19750072909	Hydrostatic extrusion of titanium-alloy hydraulic tubing	1974
19750072912	Positive air traffic control: Best solution to the midair collision problem	1974
19750072913	Acoustic testing to simulate the flight vibration environment of aircraft stores	1974
19750072914	Analytical models for dc-10 aircraft. Volume 4: NOVA models	1974
19750072916	An analysis of the Air Weather Service point weather warning program	1974
19750072917	Concerning the possibility of the crystallization of condensed combustion products in nozzles	1974
19750072919	Commentary of a test pilot	1974
19750072920	Critical ignition conditions for metal particles taking into consideration the formation of volatile compounds	1974
19750072922	Optical signatures code. Volume 4: User's manual: Exoatmospheric/endoatmospheric radiation code driver. Overlay OSCEXO,2,0	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072923	Optical signatures code. Volume 8: User's manual: The two-dimensional plot package. Overlay OSCPLT,3,0	1974
19750072924	Optical signatures code. Volume 9: User's manual: Atmospheric spectral radiance and transmittance code. Overlay OSCATM, 4,0	1974
19750072925	Optical signature code. Volume 10: User's manual, NUCBACK optical effects code, overlay (OSCBAC,5,0)	1974
19750072926	Optical signatures code. Volume 11: User's manual; tank fragment model, overlay OSCTFR,6,0	1974
19750072927	Optical signatures code. Volume 12: User's manual; sensor model, overlay OSCSEM,7,0	1974
19750072928	Optical signatures code. Volume 13: User's manual, earthlimb radiance code overlay OSCALI,10,0	1974
19750072929	Optical signatures code. Volume 14: User's manual, atmospheric transmittance code, AFCRL. Overlay (OSCAFC,11,0)	1974
19750072930	Optical signatures code. Volume 15: User's manual: Stellar background radiance code. Overlay (OSCSTR,12,0)	1974
19750072931	Optical signatures code. Volume 16: User's manual: Aurora oval kinematics	1974
19750072932	Optical signatures code. Volume 17: User's manual: Contour Calcomp plot package overlay (OSCCN,14,0)	1974
19750072933	Optical signatures code. Volume 19: User's manual (rocket plume signatures)	1974
19750072934	Optical signatures code. Volume 20: User's manual, launch window code overlay (OSCLAW, 17,0). Volume 21: User's manual: Mission simulation model overlay (OSCMIS, 20,0)	1974
19750072935	Optical signatures code. Volume 22: User's manual: Emitted and reflected optical signatures	1974
19750072936	Optical signature code. Volume 24: User's manual, laser target model	1974
19750072937	Titan 2 reliability and aging surveillance Program (RASP)	1974
19750072938	Production engineering measure for improved reliability of metallized polycarbonate and metallized polysulfone capacitors	1974
19750072940	AN/TPN-19 landing control central	1974
19750072941	A sonic anemo-thermometer for measuring vertical fluxes of sensible heat in the atmospheric boundary layer	1974
19750072942	Estimation of the characteristics of various flare profiles	1974
19750072943	The application of optimal smoothing techniques to the calibration of an inertial navigation system	1974
19750072944	Experimental investigations on thermal self-ignition of turbulent diffusion flames at high velocities	1974
19750072945	Theoretical and experimental studies of annular nutation dampers	1974
19750072946	Development of stable zinc electrodes and inorganic separators for use in submarine type silver-zinc cells	1974
19750072948	An evaluation of a space flight test of hardened solar array technology	1974
19750072949	A-7 flameout investigation	1974
19750072950	Helicopter operational test, target acquisition	1974
19750072951	Solid propellant binders	1974
19750072952	Hybrid waveguides, integrated optics for 10 micron wavelengths	1974
19750072954	Post-1980 facilities control concept study	1974
19750072956	Low noise metal-oxide semiconductor circuits	1974
19750072957	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 2: System design. Part 6: RPV avionics subsystem design description	1974
19750072958	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses. Part 8: Launch and recovery methods trade study/analysis report	1974
19750072959	SAM-D engineering development status. Volume 1: Narrative summary	1974
19750072961	Installation criteria for shipboard catapult surveillance system	1974
19750072962	Airborne antenna design study using wire grid modeling. Volume 2: Supporting data	1974
19750072965	An integrated training system to improve the protection, survivability and recoverability of flying personnel	1974
19750072966	Command and control of airlift aircraft single manager concept	1974
19750072967	Nonvolatile IC techniques for boram	1974
19750072968	Thermal properties of unreinforced PPQ and phenolic polymers	1974
19750072969	Integrated solid-state transceiver reliability test	1974
19750072970	Reliability prediction report for missile guidance set: Appendix A	1974
19750072971	Serviceability test of Mk 6A power plant primer Pn-253095 AIM-4F/G missiles	1974
19750072972	Aluminum behavior in solid propellant combustion	1974
19750072975	Evaluation of performance of a self cleaning purifier with Navy distillate fuel	1974
19750072980	Fiberglass reinforced cement: The British building bomb	1974
19750072981	Check test internal air portability and airdrop of new shipping and storage container and end caps for the DRAGON missile	1974
19750072982	Rotational speed of atmosphere based on interkosmos satellite observations	1974
19750072984	Ava north east high power rombic transmit antenna	1974
19750072987	Evaluation of interlaboratory correlation procedure for fluid analysis spectrometers	1974
19750072988	Flight test evaluation and calibration of AIMS ATCRBS equipment for the F-4J airplane	1974
19750072990	Bulk semiconductor limiter	1974
19750072991	Surveillance evaluation of Shrike AGM-45 gas generator mark 6 mod 2	1974
19750072992	The 2175 program: A Majority Vote Logic (MVL) system for ships	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072993	Investigation of master oscillator power amplifier systems for chemical lasers	1974
19750072994	Design verification of the AMF, Incorporated, external power monitor P/N CSV-1367-23	1974
19750072995	Personnel subsystem criteria and standards for the Amphibious Assault Landing Craft (AALC) Navy trails	1974
19750072996	Investigation of AN/ASN-50/73 VGI vertical gyro indicator, tumble problem of model S-2G airplane	1974
19750072997	SUU-53/A compatibility testing on the P-3 aircraft	1974
19750072999	Sub-depot maintenance for the B-52G/H	1974
19750073000	The case against the ICBM	1974
19750073001	Inland Search And Rescue (SAR): A perspective	1974
19750073002	Noise: The air national guard and the community	1974
19750073003	The energy crisis in Europe: US interests	1974
19750073004	Impact of the microwave landing system on terminal area air traffic control	1974
19750073005	Airframe inlet/powerplant: The interface problem	1974
19750073006	A study on aircrew life support continuation training in the US Air Force	1974
19750073010	C-5A nose landing gear stress analysis	1974
19750073016	Pyrotechnic exploratory development and pollution abatement	1974
19750073020	Polymeric materials for use as binders and transparent films	1974
19750073021	Mechanism of bioluminescent detection of explosive vapors	1974
19750073026	Japan: Nuclear, missile, space, and defense developments GUO no. 204	1974
19750073029	Investigation of aerodynamic parameters for a simplified spiral stability augmentation system from tests in the forrestal 4 feet by 5 feet wind tunnel	1974
19750073030	S-193 pulse shape analysis	1974
19750073031	Development of a high efficiency thin silicon solar cell	1974
19750073034	Resin/graphite fiber composites	1974
19750073036	Development of autoclavable addition-type polyimides	1974
19750073039	Viking Rover studies	1974
19750073045	Infrared interferometer spectrometer, and radiometer (IRIS) instrument for Mariner/Jupiter/Saturn 1977 (MJS'77)	1974
19750073046	Evacuated load-bearing high performance insulation study	1974
19750073047	Advanced thrust chamber technology program	1974
19750073049	Technical consulting services for Earth Resources Program	1974
19750073051	High resolution infrared radiation sounder for the Nimbus F spacecraft	1974
19750073053	ATS-6 millimeter wavelength propagation experiment 4	1974
19750073054	High resolution infrared radiation sounder for the Nimbus F Spacecraft	1974
19750073061	Measurement and analysis program using visible radiation polarization data obtained from a helicopter borne polarimeter	1974
19750073063	Design of supercritical aerofoils	1974
19750073064	C-5A Internal loads analysis: Wing box, volume 3, revision B	1974
19750073065	Static firing of experimental fluidic DC solid rocket motor, C10000-04-01 S/N 2466-2, Greener pastures test program	1974
19750073066	Terminal homing engineering flight tests MT7-57/ALS and MT7-52/ALS missile tests, 30 July 1973, rapid fire demonstration	1974
19750073068	The potential benefits of advanced airfoils for helicopter applications	1974
19750073069	Exploratory research and development program directed toward the development of an airborne integrated laser	1974
19750073072	Special study of roller, motorized, pneumatic-tired, 9-wheel, DED, airmobile (CCE)	1974
19750073073	Fast cool down 195 K cascaded thermoelectric coolers	1974
19750073074	Development test 2 (service phase) of goggles, sun, wind, and dust	1974
19750073075	Theory of gasless combustion	1974
19750073077	Production engineering measure for automation of multialkali photocathode	1974
19750073078	The marine airlift study (MARLIFT). Analysis of the requirements and aircraft mixes for modernization of the Marine Corps direct support airlift capability	1974
19750073079	Test and evaluation of the Kodak supermatic processor, model 242	1974
19750073080	Modified AN/AAS-18 infrared detecting set cryogenic cooler	1974
19750073081	Conduct an operational evaluation of the advanced design stabilized gyrocompass	1974
19750073083	New series rotary converters made by Warsaw Electric Machine Works WAMEL	1974
19750073084	Criteria for the selection of a fighter plane	1974
19750073085	Covariance error analysis program for high acceleration terminal homing vehicles. Volume 1: Analytical development	1974
19750073086	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 3: Trade studies and analyses. Part 24: Autonomous operations analysis	1974
19750073087	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 3: Trade studies and analyses. Part 25: Tactical air force interface analysis	1974
19750073088	Development of a reference low temperature blackbody simulator	1974
19750073089	Laser digest. Spring 1974	1974
19750073091	Semiconductor cold cathode displaying a sharp high energy cut off	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073092	Time division multiple access equipment group	1974
19750073097	Improvement of Nd/YAG laser resonator input coupling study: Factors for improved efficiency	1974
19750073098	Improvement of Nd/YAG laser resonator crystal polariser study. Choice of materials to supersede calcite	1974
19750073102	Carbon-fibre spars for model rotor blades	1974
19750073103	A low pass recursive digital filter	1974
19750073104	Seventy-millimeter framing cameras for USAF tactical reconnaissance aircraft	1974
19750073105	Expanded service test of dust control material and liquid distributor for dust control	1974
19750073106	Burning processes in flameless burners	1974
19750073107	A simple hybrid navigation algorithm for UCNI and similar applications	1974
19750073108	Reduction in potential user population as the result of imposed anthropometric limit: Monte Carlo estimation	1974
19750073110	Development test and evaluation of the AN/PRC-85 ground-to-air manpack radio set	1974
19750073111	Theory R	1974
19750073112	High-acceleration, terminal-homing technology, high-acceleration testing of infrared/laser seeker components. Volume 2: Appendices	1974
19750073114	K-band terminal simulator. Volume 3: Software system user's guide	1974
19750073115	Design data for composite structure safelife prediction. Volume 1: Analysis and evaluation	1974
19750073116	Design data for composite structure safelife prediction. Volume 2: Test data	1974
19750073117	Superconducting propulsion system and ship interface study. Volume 2: ac-dc system	1974
19750073118	Development of large diameter high-chamber pressure throat insert materials. Volume 3: Vapor deposition of pyrolytic graphite coatings for large diameter throat inserts	1974
19750073123	A combinatorial occupancy method for determining radar parameter resolution in a multiship environment	1974
19750073124	A command and control for the NCA: What's needed	1974
19750073125	AN/TSQ-90/TERPES program proposal plan	1974
19750073127	The anti-ship missile in naval warfare	1974
19750073132	High efficiency X-band and Ku-band Gunn devices	1974
19750073133	High efficiency X-band and Ku-band Gunn devices	1974
19750073135	Studies in physical optics	1974
19750073136	Intermodulation reduction in communications systems using ferrite circulators	1974
19750073137	A program to measure radome antenna radiation patterns at high temperature	1974
19750073138	A study of properties and behavior of high temperature gas turbine materials	1974
19750073147	Evaluation of explosive techniques for severing exposed conductors	1974
19750073148	Research into disturbances of a radar picture by radar echos around bridges	1974
19750073149	Vehicle identification project	1974
19750073150	The potential effect of the recommendations of the Commission on Government Procurement on DOD procurement policies and procedures	1974
19750073153	AADC: CEM fabrication technique development and CFM memory plane fabrication and testing	1974
19750073163	Compatibility test of the fully loaded LAU-3C/A and LAU-3D/A rocket launchers on the A37 aircraft	1974
19750073164	Preparation of some polyoxazolidones and evaluation of their moisture resistance	1974
19750073165	The obtaining of the generalized characteristics of turbomachines	1974
19750073166	Determination of thermodynamic properties of gases at high temperatures	1974
19750073171	Annotated bibliography development of methods to minimize environmental pollution MM and T project 541	1974
19750073172	Conduct an operational assist of the integrated target control system	1974
19750073175	Examination of cracks in a core from SSN XXX frame 30 butt weld	1974
19750073178	Limited evaluation of C-131B single-engine performance	1974
19750073182	Stability analysis of linear and nonlinear dynamic finite element method programs	1974
19750073185	Feasibility and initial model studies of a coanda/refraction type noise suppressor system	1974
19750073190	Army Materiel Command program, the fundamentals of ignition and combustion. Volume 1: Ignition	1974
19750073191	Army Materiel Command program, the fundamentals of ignition and combustion. Volume 2: Combustion	1974
19750073196	The quality of aviation turbine fuels available in the United Kingdom	1974
19750073197	Development of ceramic packages with transparent lids	1974
19750073199	The high temperature high pressure combustion test rig of the DFVLR institute for aviation fuels and lubricants air supply unit	1974
19750073201	Non-magnetic structural steels and alloys	1974
19750073203	The long range infrared missile as a candidate for introduction to the USAF air-to-air missile inventory	1974
19750073204	Dry silver equipment and material evaluation	1974
19750073207	Low level night operations study	1974
19750073208	AN/TPX-42A(V) program, category 2 test reports	1974
19750073209	Evaluation of two A-7 simulators in regards to their usefulness as stall/departure/spin training vehicles	1974
19750073210	Manhour expenditure reports program	1974
19750073211	Detonability of some natural gas-air mixtures	1974
19750073212	Time series analysis of aim and strike point data in air-to-ground gunnery	1974
19750073213	Flight evaluation of pilot sighting accuracy using a helmet-mounted sight	1974
19750073214	Vehicle detection on television: A laboratory experiment	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073215	An analysis of CONUS military organization and management requirements for optimizing the movement of DOD air cargo by wide-bodied and heavy-logistics aircraft	1974
19750073216	Engineering design techniques for energy efficient buildings	1974
19750073217	On the adequacy of US uranium reserves for nuclear power	1974
19750073218	The single air manager	1974
19750073219	Production engineering measure on gating transistors	1974
19750073220	Integrated logistics support plan for lamps ship facilities visual landing aids	1974
19750073222	Project briefs (completed projects supplement 14)	1974
19750073223	Augmenter rumble and blowout investigation of the YF100-PW-100 turbofan engine (S/N FX211-15) in propulsion development test cell (J-1)	1974
19750073224	Feasibility study of high voltage DC secondary power systems concepts for future Naval aircraft	1974
19750073225	AN/AMQ-23 (XE-3) atmospheric meteorological probe	1974
19750073228	Assessment of NDT reliability data	1974
19750073229	France: Nuclear, missile, and space developments GUO no. 383	1974
19750073230	HEDL quarterly technical report, April, May, June 1974. Volume 4: Engineering and development	1974
19750073231	Free-flight model dynamic stability measurements on a not-so-slender wing/fin combination at zero and small lift, M equals 0.8 to 2.0	1974
19750073232	An infrared technique for monitoring gear tooth surface temperatures	1974
19750073233	The effect of temperature on subsonic jet noise	1974
19750073235	Incompressible laminar boundary layer flow along a corner formed by two intersecting planes	1974
19750073237	The performance of Black Arrow in the launch of the prospero satellite	1974
19750073238	France: Nuclear, missile, and space development, GUO no. 384	1974
19750073239	Asteroidal and planetary analysis	1974
19750073242	Japan: Nuclear, missile, space, and defense developments, GUO no. 205	1974
19750073244	GEOP (Geodesy/solid-earth and Ocean Physics): Research conferences	1974
19750073245	Closed cycle refrigeration system for operational cooling of Pb-salt tunable diode lasers	1974
19750073249	Preliminary investigation of the SNAP-8 reactor outlet temperature deadband	1974
19750073259	Feasibility study for a rocket-borne planetary extreme ultraviolet experiment. Volume 1: Technical	1974
19750073270	Calculation of the flow on a blunted cone at high angle of attack	1974
19750073271	Computer program manual for AOFA	1974
19750073303	Western Research Application Center two quarter report, 1974	1974
19750073314	ARES facility description: Data processing system, volume 3	1974
19750073315	Advanced composite technology fuselage program. Volume 7: Systems interface studies	1974
19750073316	Technical evaluation of the EA-6B airplane with J52-P-408 engines installed	1974
19750073317	Vortex induced rolling moment on cruciform configured missiles	1974
19750073318	Methods for predicting the longitudinal damping coefficients for vertical acceleration and pitch	1974
19750073322	Approach and landing systems in the USAF context	1974
19750073323	TV theodolite system for aircraft position determination during AN/TPN-19 system accuracy tests	1974
19750073324	Power supply PP-6373	1974
19750073326	Receive transmit steerable null antenna processors, volume 1	1974
19750073327	Development of an electric discharge laser aerodynamic window. Supplement 1: Optical quality of an aerodynamic window and acoustic muffler for repetitively pulsed electric discharge lasers	1974
19750073329	A minimum-weight synthesis procedure for flutter requirements. Part 1: Input instructions for MASVIB, SUBSONC, and FLUTOPT	1974
19750073330	Covariance error analysis program for high acceleration terminal homing vehicles, Volume 2: Program documentation and usage	1974
19750073332	TAMICSS refinement report. Attachment 1: Cartridge production	1974
19750073333	A human performance investigation in a NAVORD system, part 2	1974
19750073334	The multiplexed information and computing service: Programmers manual. Part 1: Introduction to multics	1974
19750073336	SAFSCOM support EMP/RFI interface evaluation for USAEDH safeguard tactical ground facilities hardness program-EMP. Volume 10: Remote Launch Site (RLS) penetration data equipment data and analyses	1974
19750073337	Development of airborne communications equipment cost/technology indices	1974
19750073338	Development of a passive radar reflector/detector	1974
19750073342	Air Force missile launcher technology study program	1974
19750073343	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Volume 3: Trade studies and analyses Part 15: Antenna subsystem trade studies	1974
19750073345	Ballistic missile defense interceptor analysis. Volume 1: Guidance technology integration	1974
19750073346	Universal digital avionics module study program. Volume 1: Study results	1974
19750073347	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 3: Trade studies and analyses. Part 30: Crypto capabilities and COMSEC equipment trade study	1974
19750073349	Development and evaluation of a deployment system for personnel parachutes equipped with vent pulldown lines	1974
19750073350	X-band transistor source	1974
19750073353	Analysis of multilayered and sandwiched shells by the finite element method	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073355	Millimeter wave image conversion panels	1974
19750073356	T-2 battery system investigation	1974
19750073357	Scattering from two-dimensional bodies with absorber sheets	1974
19750073358	An infrared systems boundary program	1974
19750073359	The analysis of a wire-band FM-CW radar	1974
19750073360	Ranger 3: Laser distance measuring device	1974
19750073361	Hydrofoil hydraulic systems. Volume 1: Review of advanced hydraulic subsystems	1974
19750073362	Design approval test report for AN/AAD-5 infrared reconnaissance set aerospace ground equipment	1974
19750073364	Cross-hatching studies: A critical review	1974
19750073366	Air augmented rocket characterization test program	1974
19750073367	Position location reporting system	1974
19750073368	Electromagnetic Interference Compatibility Test Report for AN/AAD-5 Infrared Reconnaissance Set	1974
19750073370	ARES facility description: Facilities, equipment and operation, volume 1	1974
19750073371	ARES facility description: Electromagnetic environment, volume 2	1974
19750073372	Conduct an operational assist test of the AN/SPA-25 (XN-2) bridge radar repeater	1974
19750073373	Modified temperature control system for Atlantic Research Corporation carbon monoxide and hydrogen burner MK 4 installation procedures, system checks, and technical manual revisions	1974
19750073374	Caulking compounds for application at low temperatures	1974
19750073379	Static stability and control effectiveness of the Mk-84 modular guided glide bomb 2 at transonic Mach numbers	1974
19750073380	Illumination warhead, 2.75 inch rocket	1974
19750073382	A computer system/integration and interfacing effort	1974
19750073383	Development of the C-B modification kit	1974
19750073384	Computer software management from the point of view of the system manager	1974
19750073385	Terrorism in civil aviation: A perennial world problem	1974
19750073386	The use of economic analysis in major automatic data processing system decisions	1974
19750073389	Navigation community organization concept study, volumes C and D	1974
19750073390	Optical signatures code. Volume 2: Users manual, the OSC driver, overlay (OPSIGCO,0,0)	1974
19750073391	Optical signatures code. Volume 3: Users manual, trajectory generator for endoatmospheric sensors, overlay (OSCTRA,1,0)	1974
19750073392	Optical signatures code. Volume 5: Users manual, heat shield temperature generator, overlay (OSCEXO,2,1)	1974
19750073393	Optical signatures code. Volume 6: Users manual, exoatmospheric radiation code, overlay (OSCEXO,2,2)	1974
19750073394	Optical signatures code. Volume 7: Users manual, emitted radiation code, overlay (OSCEXO,2,3)	1974
19750073395	Optical signatures code. Volume 18: Users manual, bidirectional optical signatures code, overlay (OSCBID,15,0)	1974
19750073396	Optical signatures code. Volume 23: Users manual, infrared sensors model	1974
19750073397	Analysis of advanced ballistic reentry vehicle nosetip and heatshield materials. Volume 3: Analysis of ATJ-S special process. Graphite thermostructure test data	1974
19750073399	Aircraft fuel quantity gaging system application and system technology advancement, volume 3	1974
19750073400	SAM-d engineering development status. Volume 1: Narrative summary	1974
19750073402	Sleeve coldworking fastener holes. Volume 1: Discussion and summary	1974
19750073403	T58 engine 1974 component improvement programs	1974
19750073404	Incompatibilities between the RO-358/AQS-1-3A sonar recorder and H-3 airframe change 309 to incorporate MAD	1974
19750073407	Graphite from synthetic precursors	1974
19750073412	AN/PRC-85 VHF/AM manpack radio set	1974
19750073413	Operational test and evaluation of the Loran receiver R-1214A/APN-157	1974
19750073414	Production engineering measure for high burnout resistant mixer diodes	1974
19750073415	Surface integrity of machined materials	1974
19750073416	Channel separation analysis program users manual	1974
19750073417	Position location reporting system	1974
19750073418	Airborne conformal electronic scanning array	1974
19750073419	Low-loss spinel delay line	1974
19750073423	An improved limiter diode employing the checkerboard principle	1974
19750073426	SAM-D engineering development status. Volume 1: Narrative summary	1974
19750073427	YJ101-GE-100 engine prototype preliminary flight rating test. Volume 2: Engine teardown inspection	1974
19750073429	YJ01-GE-100 engine prototype preliminary flight rating test. Volume 4: Components pre and post PPFRT calibrations and inspection	1974
19750073432	Engineering development summary for dispenser, cartridge, SUU-53/A	1974
19750073433	Finite element computer program for the solution of nonlinear axisymmetric contact problems with interference fits	1974
19750073434	First article/quality assurance flight test of A-4 airplane retread tires	1974
19750073435	Evaluation of Sundstrand CSD model 20HD05 for use on A-4M, A-4N and A-4F (408 engine) aircraft	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073436	ASW-aircraft operating and sonobuoy launching characteristics	1974
19750073437	Design and development of the NES-23A personnel parachute and aircrew personal equipment for the Cobra AH-1 G/J/Q helicopters	1974
19750073438	Development of the STAR parachute canopy	1974
19750073439	Mobile laser observatory with programmed guidance mechanism	1974
19750073440	Experimental assembly for jet simulation in a wind tunnel	1974
19750073441	Screw diffuser for gas dynamic lasers	1974
19750073442	Chemical laser pumping technology	1974
19750073443	Millimeter-wave plasma waveguide switch investigation	1974
19750073444	Manufacturing methods for dimensionally stable composite microwave components	1974
19750073445	Static test firing of Minuteman SR-11-HP-1 retro rocket motor for use in Titan 2 safeguard program	1974
19750073446	Generation of high precision current-time-increments for the pulse rebalance loop of sensors	1974
19750073448	Advanced Night View Subsystem (ANVS)	1974
19750073451	Solid propellant binders	1974
19750073452	Separation and carriage loads characteristics of three guided bombs from the A-7D aircraft at Mach numbers from 0.70 to 1.05	1974
19750073453	Effect of kappa and R on burning parameters	1974
19750073454	Reactivity and its interrelationship with the physical properties and structural peculiarities of carbon-graphite materials	1974
19750073455	An afterburner landing	1974
19750073457	Multistage solid fuel rocket	1974
19750073458	The question of the formulation and the application of some important differential equations of engineering thermodynamics	1974
19750073459	Method of processing and standards of accuracy for the observations of artificial earth satellites by the SBG camera	1974
19750073460	Investigation of corners aligned with the free stream velocity in the hypersonic range	1974
19750073461	A-10A aircraft stores separation test with flow-field investigation at Mach numbers from 0.3 to 0.55	1974
19750073462	Inlet performance characteristics of a 1/5-scale Northrop YF-17 model at transonic and supersonic Mach numbers	1974
19750073465	The sigma 4 afterbodies	1974
19750073466	Wind simulation in a wind tunnel	1974
19750073471	CONCEMA: System for direct computer-controlled machine-tool operation, including practical examples	1974
19750073472	Burnup of organic fluids from a powder layer	1974
19750073474	Investigation of the effect of prestress on low-cycle fatigue of Ti-6Al-2Cb-Ta-0.8Mo	1974
19750073476	Deployment demonstration test report, S3-2 satellite	1974
19750073479	Electrochemical oxidation of methanol in fuel cells	1974
19750073482	Recording of analog data for most accurate reproduction at NUSC	1974
19750073483	OV-10A aircraft Ni-Cd battery and charging system investigation	1974
19750073484	Navy communications	1974
19750073485	A tentative design for LES-10	1974
19750073488	WASS passive ranging	1974
19750073489	C-5A internal loads analysis: Wing box, volume 5, revision B	1974
19750073490	C-5A Internal loads analysis: Wing box, volume 4, revision B	1974
19750073497	Design integration of towing reel and target launchers for a Navy standard tow target system	1974
19750073499	Properties of 5.5Ni-Mo-V-Cu 130.000 lb/sq in. yield strength steel	1974
19750073500	Resolution of moving imagery on television: experiment and application	1974
19750073501	Quantitative evaluation of pyrophoric impact effects, phase 2	1974
19750073503	An analysis of USAF training and training equipment policies for SRAM and SCAD	1974
19750073505	Procedures for estimating inlet external and internal performance	1974
19750073507	The dynamics of spring-supported tuned-rotor gyroscopes	1974
19750073511	Evaluation of an APO electronic Erlanghour meter	1974
19750073594	Investigation of the effects of MW radiation on the diffusion rate of electrolytes through membranes	1974
19750073617	JANNAF panel meeting on Tools Required for a Meaningful Service Life Prediction	1974
19750073621	Some effects of disturbed sleep on a simulated flying task	1974
19750073637	Crop status evaluations and yield predictions	1974
19750073638	Crop status evaluations and yield predictions	1974
19750073639	Crop status evaluations and yield predictions	1974
19750073642	Error control for parallel processors	1974
19750073643	Energetic particles flux experiment for ISEE mother and daughter spacecraft	1974
19750073644	Energetic particles flux experiment for ISEE mother and daughter spacecraft	1974
19750073645	Very high resolution radiometer for ATS-F	1974
19750073647	SAGE optical configuration study	1974
19750073648	Stanford gyro relativity experiment	1974
19750073652	A study of the dynamics of arctic surface effect vehicles. Part 2: Development of the ASEV motions program and the analysis of results of numerical studies for selected craft configurations	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073653	A critical analysis of USAF air combat tactics	1974
19750073654	Test of new and improved maps and map products (MAPPRO), phase 4	1974
19750073655	Altitude performance and stability characteristics of the Lycoming XF102-LD-100 turbofan engine	1974
19750073656	Test report: System performance test after development shock, S3-3 satellite	1974
19750073657	Design of a high pressure rotary expander for torpedo propulsion	1974
19750073658	Production engineering measures for memory storage elements	1974
19750073661	Sleeve cold working fastener holes. Volume 2: Appendixes	1974
19750073662	Null-steering antenna study. Conceptual design, volume 1	1974
19750073663	Null-steering antenna study. Conceptual design, volume 2	1974
19750073664	Drone control and data retrieval system DCDRS. Preliminary design study. Volume 2: System/subsystem summary report. Part 6: Appendixes H through K	1974
19750073665	Complementary MOS RAM fuse electronics	1974
19750073666	Qualification requirements for thick film networks	1974
19750073668	Development of third generation EPIC wafer diode image tubes	1974
19750073669	High speed 1.06 micron photomultiplier tubes	1974
19750073670	Integrated solid state transceiver	1974
19750073671	Fiber optics remote link for AN/PPS-18 radar	1974
19750073673	The 2 - 5 micron chemical laser	1974
19750073674	Evaluation of sensors for SPACETRACK augmentation (ESSA). Volume 2: Appendix	1974
19750073675	Evaluation of sensors for SPACETRACK augmentation (ESSA). Volume 4: Low-noise detector preamplifier design	1974
19750073676	Effects of internal blast on combat aircraft structures. Volume 2: Users and programmer's manual	1974
19750073677	Evaluation of sensors for SPACETRACK augmentation (ESSA). Volume 3: Photometric and radiometric calibration procedures	1974
19750073679	Programmable waveform generator, phase 1	1974
19750073681	Ballistic limit testing of modified Aero 1D external fuel tank (survivability design)	1974
19750073682	Effect of AN/ASW-35 antenna/pylon/radome installation on DC-120 a flying qualities and performance	1974
19750073683	A proposed service aid for the receiver-transmitter radio RT-859/APX-72	1974
19750073684	Stress-corrosion cracking in the HY-130 system	1974
19750073685	Three dimensionally reinforced carbon-carbon composite processed by prolonged thermal exposure	1974
19750073686	Effect of salt spray environment on bonded aluminum panels under complex stressing	1974
19750073687	Low-disc-loading helicopter and tilt-rotor aircraft study	1974
19750073688	Development of a solid fueled scrubber ejector for an HF/DF chemical laser	1974
19750073689	Failure mode analysis of lubricated satellite components	1974
19750073690	Improvement of titanium alloy ingots by solidification control	1974
19750073691	Navy cargo restraint criteria review	1974
19750073698	Radiation hardened integrated circuit amplifier	1974
19750073699	ADP oriented modular panel display (solid state)	1974
19750073703	Broadband radome techniques	1974
19750073704	Microwave power combinatorial development. Task 1:10 GHz amplifier combiner	1974
19750073705	Digital aircraft communications with emphasis on satellites	1974
19750073706	Control - relay set, drone, multiple AN/ASW-35 (XN-1)	1974
19750073707	The 2175 program modular radar concept, phase 1 report	1974
19750073708	Predictions of requirements for hauldown, securing, and transversing systems for SH-2F aircraft operations on lamps ships DLG-26 and DE-1040	1974
19750073709	Radiation hardened MIS input/output subsystem development	1974
19750073710	Evaluation of power losses in the signal conditioner on M2-148	1974
19750073711	Charge coupled memory	1974
19750073713	Systems modeling via functions	1974
19750073714	Engineer design test of air cycle regenerator unit in tropic environment	1974
19750073715	Advanced laser research and development program	1974
19750073716	Acousto-optic beam sampler. Part 1: Basic theory for gases and experiments at 0.6328 microns	1974
19750073717	Radiation-hardened AL2O3 CMOS/SOS integrated circuits	1974
19750073718	Interference analysis of the US - USSR DCL earth station at Fort Detrick	1974
19750073719	Reentry Antenna Test Program (RANT). Appendix 4: Post flight predictions and data analysis	1974
19750073720	Reentry antenna test program (RANT). Appendix 5: Alleviation studies	1974
19750073721	Arctic surface effect vehicle program configuration studies	1974
19750073722	High temperature stable subsonic erosion resistant fluoroelastomer boot material development	1974
19750073723	Compilation of data covering aircraft servicing facilities aboard aircraft carriers	1974
19750073724	HH-53C/80H mid-air retrieval system tests	1974
19750073726	External lift of the SH-2F helicopter from lamps type non aviation facilities ships using H-46 or H-53 helicopter	1974
19750073730	Concerning the kinetics of chemical lasers at high pressures	1974
19750073732	Laser RV signature predictions with experimental comparisons	1974
19750073733	PLRS program	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073734	Reentry antenna test program (RANT). Summary	1974
19750073735	SIMOP (simultaneous operation) test of high frequency communications equipment in P-3C aircraft with dogleg antenna system	1974
19750073738	C-5 inertial measurement unit and control-power supply relocation	1974
19750073739	An impact ignition model for solid propellants	1974
19750073740	ECM/ECCM studies. Adaptive array technique study	1974
19750073742	Suitability of an image IR upconverter for the detection of 300-K objects outside the earth's atmosphere	1974
19750073743	Partial spectrum signature and selected EMC measurements on radio transmitting set AN/URT-24	1974
19750073744	A launch transient simulator for imaging seekers	1974
19750073745	Tri service operational test and evaluation OTE of satellite terminal AN/MS-60	1974
19750073746	Have mill targets one program	1974
19750073747	Space object imaging techniques	1974
19750073752	Phase zero feasibility study of airborne holographic techniques (HIP)	1974
19750073753	Development of high-temperature self-sealing materials for coating helicopter transmissions and sumps	1974
19750073754	An operations approach to reduce fuel consumption in C-141 aircraft	1974
19750073758	Orbit prediction, volume 1	1974
19750073763	Electrical arcs and thermal plasma	1974
19750073765	Oil system	1974
19750073767	Aircraft fuel quantity gaging system application and system technology advancement, volume 1	1974
19750073768	Design verification of the Electromagnetics, Incorporated, external power monitor, P/N11610-A.09	1974
19750073769	Aerodynamic loads on four external stores in the carriage position on the A-7D and F-4C aircraft at Mach numbers from 0.5 to 2.0	1974
19750073770	Double ampoule chemical light Mk 160 mod 0: Recommended release of design to pilot production for limited service use	1974
19750073775	Feasibility study for development of nondestructive inspection (NDI) methods for spanwise splices	1974
19750073776	Integrated NAVSAT/inertial system development and flight test program	1974
19750073778	Airbreathing Missile Fuels	1974
19750073779	Navy ramjet fuel development and evaluation	1974
19750073780	Hydrocarbon fuel study program	1974
19750073781	Ignition and autoxidation of Navy airbreathing missile fuel candidates	1974
19750073782	General results of the combustion of slurry fuels in a sudden dump ramjet combustor	1974
19750073783	High density fuels for TALOS ramjet range improvement	1974
19750073784	Research and development studies related to the production of high energy fuels	1974
19750073785	High density hydrocarbons as fuels for volume-limited airbreathing missiles	1974
19750073786	High density fuel development	1974
19750073787	Bulletin of the 4th JANNAF Propellant Characterization Meeting	1974
19750073788	Mathematical modeling of propellant casting operations	1974
19750073789	Modified MSA method (M-MSA) for the rapid particle size analysis of superfine ammonium perchlorate	1974
19750073790	Twinning of beta cyclotetramethylenetetranitramine (HMX)	1974
19750073791	Network Polymer Formation Studies	1974
19750073792	Effect of variation of prepolymer functionality distribution on the crosslink density of cured telechelic stocks	1974
19750073793	Compatibility testing of spacecraft materials and space-storable liquid propellants	1974
19750073794	Modified HDA	1974
19750073795	New instrumental techniques in the analysis of foreign propellants	1974
19750073796	Aging chemistry of a PBAN propellant	1974
19750073797	JANNAF Operational Serviceability and Structures and Mechanical Behavior Working Groups: 1974 Combined Annual Meeting	1974
19750073798	Fleet ballistic missile propulsion systems surveillance	1974
19750073799	Mathematical presentation of aged propellant characterization	1974
19750073800	Solid rocket motor service life prediction and control	1974
19750073801	Aging of hydrocarbon polymers	1974
19750073802	Investigation of propellant chemical aging mechanisms using electron paramagnetic resonance	1974
19750073803	Aged flight motors for functional integrity testing	1974
19750073804	Prediction of tactical propellant service life	1974
19750073805	Chemical structural aging effects	1974
19750073806	LRSLA program briefing	1974
19750073807	First-stage Minuteman STV data	1974
19750073808	An event gage for the detection of propellant crack initiation	1974
19750073809	Mint motor no. 2 cooldown test	1974
19750073810	Adhesive fracture: Theory and applications	1974
19750073811	On solid propellant liner design	1974
19750073812	A structural analysis procedure for right-angle bond terminations	1974
19750073813	Some structural problems in gun-launched rocket motors	1974
19750073814	Advanced Composite Solid Rocket Motor Chamber	1974
19750073815	Adhesive fracture as related to rocket motor grain bondlines	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073816	Thermostuctural analysis of coated nozzle components for advanced propulsion systems	1974
19750073817	Digitizer graphics in rocket motor design	1974
19750073818	The effect of pressure on the mechanical and ultimate properties of a model propellant system	1974
19750073819	A nonlinear constitutive theory for particulate composites based on viscoelastic fracture mechanics	1974
19750073820	Correlation between failure in strain evaluation cyclinders and laboratory tensile data	1974
19750073821	Permanent memory effects in solid propellants	1974
19750073822	Energy balances and internal damage of solid propellants	1974
19750073823	Material characterization and analysis methods for thermal structural analysis of rocket motor nozzles	1974
19750073824	A new theory of solid propellant mechanical behavior	1974
19750073825	On Measurement of Uniaxial Heat Flow in Liners	1974
19750073826	On the possible role of thermal energy in failure theory	1974
19750073827	Dissection studies of the Minuteman 3 third stage gain	1974
19750073828	Automatic interpretation of blurred X-ray images	1974
19750073829	Bulletin of the 5th JANNAF Propellant Characterization Meeting	1974
19750073830	The quantitative determination of stabilizer in a double-base propellant using high performance liquid chromatography	1974
19750073831	Quantitative liquid chromatographic analysis of propellants containing nitroglycerin	1974
19750073832	Analytical applications of microscopy	1974
19750073833	Corrosion in the hydrazine/304L CRES system	1974
19750073834	Analysis of a foreign double-base propellant	1974
19750073835	Determination of the compatibility of AF-E-332 elastomers with F13B1 for hydrazine expulsion applications	1974
19750073836	Influence of solids on power law flow behavior index	1974
19750073837	Characterization of hydroxyterminated prepolymer R-45M	1974
19750073854	Sensitometric evaluation of Kodak high contrast copy film, type 5069, processed in POTA and PUSH POTA developers	1974
19750073855	Hydrolytic stability of polyurethane and Epoxy Encapsulants	1974
19750073864	A view of earth and air	1974
19750073865	Active control as an integral tool in advanced aircraft designs	1974
19750073866	Experimental aerothermodynamic evaluation of laminated plastic windshield materials at supersonic speeds	1974
19750073870	France: Nuclear, missile, and space developments, GUO no. 385	1974
19750073873	Interactive effects and associated head and eye movements during simultaneous visual tasks	1974
19750073874	Photostress analysis of harmonic drive flexsplines	1974
19750073875	The application of the Hilbert transform to system response analysis	1974
19750073876	A method for the approximate solution of the acoustic equations in a low-speed flow	1974
19750073877	Fatigue test results and analysis of 26 piston provost wings tested under random loading and their comparison with block programme test results from similar specimens	1974
19750073880	A finite-difference scheme for computing supercritical flows in arbitrary coordinate systems	1974
19750073881	Interference problems on wing-fuselage combinations in inviscid, incompressible flow	1974
19750073882	Stress-relaxation studies in butyl rubber	1974
19750073883	A review of wattmeters suitable for use with distorted waveforms	1974
19750073884	Penetration effects on the response of a slender wing aircraft to step gusts	1974
19750073887	Development of a tough, high strength aluminium alloy with improved stress-corrosion resistance	1974
19750073888	A method for the analysis of circuit-switched communications networks	1974
19750073896	Space shuttle 146-inch diameter solid rocket booster recovery concept	1974
19750073898	Reentry antenna test program (RANT). Appendix 2: Linear plasma model	1974
19750073899	Reentry antenna test program (RANT). Appendix 6: Post-flight flow field analysis	1974
19750073900	Reentry antenna test program (RANT). Appendix 7: Experiment subsystems studies	1974
19750073901	Reentry antenna test program (RANT). Appendix 9: Flight test vehicle	1974
19750073902	SST Technology follow-on-program. Phase 2: A flutter analysis program to achieve an optimized structure for a supersonic transport airplane	1974
19750073904	Strategic reentry technology program Street A 2. Volume 1, task 4.2.6: Plume interaction experiment and analysis	1974
19750073905	Development of long-life, high capacity Vuilleumier refrigerator system for space applications. Part 4: Design and mechanical analysis of refrigerator and interface unit	1974
19750073912	An investigation of the noise of cold air jets under simulated flight conditions	1974
19750073913	The attenuation of forward arc fan tone noise due to rotor blade blockage effects	1974
19750073915	Toughness, strength and microstructure relationships for Ti6Al-4V electronbeam weld fusion zone and parent metal in a number of heat treated conditions	1974
19750073916	Polynomial comparison solutions in the Sanders-Koiter theory of circular cylindrical shells	1974
19750073917	The development of portable coolers for the liquid conditioned suit	1974
19750073918	Mixed compression air intakes for operation at Mach 2.2	1974
19750073920	Japan: Nuclear, missile, space and defense developments, GUO no.207	1974
19750073922	Multispectral scanner (MSS) improved resolution study	1974
19750073923	An investigation of techniques required for the measurement of detailed neutron reaction rates in PFR	1974
19750073927	Cost optimization of a re-supplied communications satellite system with mixed-thruster electric propulsion	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750073928	The effective periphery of a high pressure	1974
19750073930	The 500 ton arctic SEV configuration study. Volume 4: Skirt system development	1974
19750073931	A survey of the routine airline operation of a long-haul multi-jet aircraft (type D3)	1974
19750073940	Drag reduction of a lifting surface by alteration of the forming tip vortex	1974
19750073956	Perforation of double hull structures containing water: Multiple shaped charge concept, 1 (U)	1974
19750073975	Apollo-Soyuz docking module breakup survival and risk hazard analyses (U)	1974
19750073976	Earth Resources Technology Satellite breakup, survival and risk hazard analyses (U)	1974
19750073977	Centaur stage breakup, survival and risk hazard analyses (U)	1974
19750073979	Altitude performance of five thiokol chemical corporation TE-345 titan II vernier solid-propellant rocket motors having ages ranging from 86 to 128 months	1974
19750073980	Wind tunnel tests of a 0.08-scale YF-17 model at Mach numbers from 0.60 to 1.60	1974
19750073982	Governing marine propulsion gas turbines in regular waves	1974
19750073985	The supersonic wind tunnel with four compressors of the Romanian Academy Institute for Applied Mechanics Description, experimental research	1974
19750073986	Study of fracture surfaces from models 152 and 153	1974
19750073987	An aeromechanical investigation of a J85-GE-21 turbojet engine compressor at simulated altitude conditions	1974
19750073988	Production engineering measure (PEM) for hybrid integrated circuits for fuze applications. Part 1: Integrated arming and firing circuit. Part 2: Precision oscillator integrated circuit	1974
19750073991	Role of nonresonance exchange processes in gasdynamic lasers	1974
19750073992	Development of an x-band printed circuit traveling wave tube	1974
19750073993	Selection and evaluation of MIL-H-83282 hydraulic fluid for use in Lightweight Hydraulic System (LHS), 8000 PSIG	1974
19750073994	Nonstationary gas flow with compression shocks in the cascade of a supersonic compressor	1974
19750073995	Altitude development of the F100-PW-100 turbofan engine. Phase 6: Augmenter operational characteristics, fan performance, and engine spooldown relight capabilities S/N FX2	1974
19750073998	Oscillatory combustion experimentation and analysis work in support of an Air Force program 1971-1972	1974
19750073999	Manufacture and delivery of composite rocket motor cases	1974
19750074000	On-axis radar target tracking	1974
19750074001	Air Force development test and evaluation of the F-5E aircraft, systems evaluation phase	1974
19750074002	Onboard sensors program laser radiation receiver	1974
19750074003	Use of the laser beam in high speed, low cost assembly of mechanical parts	1974
19750074006	Real time Ferrograph for application on jet engines in a test cell environment	1974
19750074007	Pre-flight test procedure for recognition set AN/ASX-2	1974
19750074008	Analytical models for the B-52H, EC-135A, and 747-200B aircraft. Volume 12: E(K)C-13 5A aircraft (NOVA models)	1974
19750074012	Ten-year surveillance program	1974
19750074013	C-5 visual approach monitor	1974
19750074014	Reentry vehicle materials technology (REVMAT) program. A material design technique for 3D carbon/carbon nosetips	1974
19750074017	Fabrication of five carbon/carbon composites	1974
19750074019	Development test of the Thiokol TE-M-364-19 solid propellant rocket motor	1974
19750074020	Felix C-256 - medium capacity computer	1974
19750074021	Flight-path control device for generating curvilinear flight path profiles using microwave landing systems	1974
19750074022	Utilization of thermonuclear propulsion for an upper stage of the Europa 3 launcher	1974
19750074023	Investigation regarding the effect of thermophysical parameters on the ignition of fuel drops in a gas behind a shock wave front	1974
19750074024	Photometric observations of satellite 1970-097 B	1974
19750074025	Concerning the characteristics of the burning surface in a turbulent flame	1974
19750074026	Combustion processes and chemical synthesis	1974
19750074030	Collection of papers concerning fuel handling equipment	1974
19750074032	How to use fluidic elements, no. 1	1974
19750074036	Preproduction research for an engine suppression system for the OV-10A aircraft, volume 1 (U)	1974
19750074043	Helicopter weapon systems effectiveness study (HELWEPS), volume 1 (U)	1974
19750074044	A-10/A-7 fly-off, volume 1 (U)	1974
19750074045	A-10/A-7 fly-off, volume 2 (U)	1974
19750074047	Spiking investigation of sparrow rocket motor mark 52 and shrike rocket motor mark 53 mod 1 (U)	1974
19750074048	The ITACS universal modem concept (U)	1974
19750074049	Evaluation of the pave penny laser search/track set (U)	1974
19750074086	Propagation of a laser beam through the plume of a liquid bipropellant rocket engine	1974
19750074096	Drone Control and Data Retrieval System (DCDRS). Preliminary design study final report. Volume 3: Trade studies and analyses. Part 26: Strike sensor trade study (U)	1974
19750074099	Ballistic resistance of nonhomogenous components: J-79 engine tests (U)	1974
19750074102	Comparative evaluation of trace gas technology. Volume 1: Final report (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074103	The 10:1 pressure ratio single-stage centrifugal compressor program. Appendix 2: Aerodynamic design (U)	1974
19750074110	EMC analysis of long range position determining system AN/USQ-56. Volume 2: Spectrum signature data (U)	1974
19750074111	Experimental study of nonlinear aerodynamics (U)	1974
19750074112	Measurements of X-band clutter statistics with amplitude calibrated radar (U)	1974
19750074117	Wide operating range combustor storable fuels evaluation program (U)	1974
19750074118	Radar station evaluation, Lauda, Germany, 10-16 February 1974 (U)	1974
19750074120	Armored Aerial Reconnaissance System (AARS) vulnerability study. Volume 2: Vulnerability analysis (U)	1974
19750074121	Hellfire technical flight test MT7 missile with Army laser seeker, 24 April 1974 (U)	1974
19750074122	Advanced rocket ramjet (U)	1974
19750074123	Norad cheyenne mountain complex and its electromagnetic radiation susceptibility (U)	1974
19750074125	III-V photocathode and generation III epic wafer diode development (U)	1974
19750074126	Flight test of the all-altitude spin projected munition (ASP) (U)	1974
19750074129	The use of some ground target signature modeling techniques to revise predictions of helicopter visual detection ranges (U)	1974
19750074131	A rocket system concept for the delivery of AT/AV mines (a proposed demonstration) (U)	1974
19750074132	Side-looking airborne radar digital processing evaluation program (U)	1974
19750074135	Helicopter weapon systems effectiveness study (HELWEPS), volume 2 (U)	1974
19750074136	ASMT (Anti-Ship Missile Target) feasibility study (U)	1974
19750074137	AN/TPS-60 (XW-1) radar (U)	1974
19750074139	Evaluation of the Nike-Hercules target tracking radar for Eglin range support (U)	1974
19750074140	Laser Acquisition Device (LAD) (U)	1974
19750074141	CASM sled test for the Martin-Marietta seeker (U)	1974
19750074145	F-14/AWG-9 tactical program functional description, tape 107, Volume 3B (U)	1974
19750074146	F-14/AWG-9 tactical program functional description, tape 107, Volume 3C (U)	1974
19750074147	F-14/AWG-9 tactical program functional description, tape 107, Volume 3D (U)	1974
19750074148	F-14/AWG-9 tactical program functional description, tape 107, Volume 3E (U)	1974
19750074149	F-14/AWG-9 tactical program functional description, tape 107, Volume 3F (U)	1974
19750074150	F-14/AWG-9 tactical program functional description, tape 107, Volume 3G (U)	1974
19750074155	Ordnance evaluation (U)	1974
19750074156	Production monitoring test of the electro-optical guided bomb KMU-353 A/B kit (U)	1974
19750074161	F-14/AWG-9 tactical program functional description, tape 107, volume 3A (U)	1974
19750074162	Development of HTPB propellant for air launched missiles (U)	1974
19750074163	Measurements on the 10.6-micron laser energy reflected from a military truck (U)	1974
19750074164	Hybrid ram structures (U)	1974
19750074167	Bibliography-shock physics (U)	1974
19750074168	Department of the Army five year test program user testing FY 75-79 includes FY 80-81 for planning, volume 3 (U)	1974
19750074169	Department of the Army five year test program user testing FY 75-79 includes FY 80-81 for planning, volume 2 (U)	1974
19750074170	Department of the Army five year test program user testing, FY 75-79 includes FY 80-81 for planning, volume 1 (U)	1974
19750074171	Propulsion review. Part 4: Airbreathing propulsion research and development (U)	1974
19750074173	AGM-65A scene magnification/slaving (U)	1974
19750074174	High density fuel applications in selected Navy missions (U)	1974
19750074177	Target bearing sensor (U)	1974
19750074185	Terrain statistics with special reference to power spectra (U)	1974
19750074188	Millimeter wave pulsed impatt seeker (U)	1974
19750074190	SAR image quality analysis model, volume 1 (U)	1974
19750074192	Battle damage repair time analysis of F-4E aircraft (U)	1974
19750074193	Pave rock munition system, RBU-1/A (U)	1974
19750074195	Determining cause of Honest John NO-GO indications (U)	1974
19750074196	CASM sled test for Rockwell International (U)	1974
19750074197	Characteristics of multipath in an aircraft satellite communication system (U)	1974
19750074198	Terminal homing accuracy demonstration program T6/ALS indirect fire capability study (U)	1974
19750074200	An experimental investigation of the effects control surface deflection on the pressure and heat-transfer-rate distributions on conical models at Mach 8 (U)	1974
19750074201	Results of a snow erosion test program in the hyperballistic range (U)	1974
19750074203	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 3. Trade studies and analyses. Part 4. Communication/navigation trade study/analysis report (U)	1974
19750074204	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 2. System design. Part 11. Appendices to system design description (U)	1974
19750074205	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 3. Trade studies and analyses. Part 2. Relay platform trade study report (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074206	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 2. System design. Part 8. Relay platform subsystem design description (U)	1974
19750074207	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 2. System design. Part v. Communications/navigation subsystem design description (U)	1974
19750074208	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 2. System design. Part 1. System design description (U)	1974
19750074209	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 1. Executive summary (U)	1974
19750074210	Electrical discharge laser fluid supply system preliminary design (U)	1974
19750074221	Further development of an engine exhaust device for the H46A and D model helicopter (U)	1974
19750074223	Electronic Defense Evaluation (EDE) test: Laboratory feasibility demonstration of ITT's CAMJAM technique vs a CAM-equipped conscan radar (U)	1974
19750074237	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 1: Executive summary. For government use only (U)	1974
19750074238	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 1: Executive summary (U)	1974
19750074251	Strategic penetration of areas defended by ground-controlled interceptors perval program (U)	1974
19750074259	Survivable command and control using translunar communications satellites (U)	1974
19750074266	Reentry vehicle technology and observables, phase 3A, part 2. Volume 1: Reentry data final report (U)	1974
19750074267	Reentry vehicle technology and observables, phase 3A, part 2. Volume 2: Reentry data final report (U)	1974
19750074272	Kill probabilities of selected VSTOL aircraft designs and comparisons with AV-8A (U)	1974
19750074273	AN/FPS-95 research and development program (Mitre, land/sea subclutter visibility) (U)	1974
19750074274	FB-111/SRAM OT and E (U)	1974
19750074280	Concept of operations for the Very Low Cost Expandable Harassment Vehicle (VLCEHV) (U)	1974
19750074292	Evaluation of pave spike DT and e deficiency corrections (U)	1974
19750074299	Project Pacific Sea Spider: Technology used in developing a deep-ocean ultrastable platform (U)	1974
19750074302	Performance test results of damaged SCR-584 antenna reflectors (U)	1974
19750074303	Quarterly EBS state-of-the-art report (U)	1974
19750074304	An overview of hf communications in a nuclear environment (U)	1974
19750074306	Antiship terminal seeker flight test program (U)	1974
19750074309	Detector-160K thermoelectric cooler module (U)	1974
19750074310	Analysis of the effects of aural-detection range on helicopter operations (U)	1974
19750074314	Propulsion review. Part 4: Airbreathing and liquid propulsion research and development (U)	1974
19750074317	AGM-53/A Condor missile and airborne missile control system POD/A-6 compatibility tests (U)	1974
19750074318	An analysis of the potential effectiveness surface effects ships in ASW screening (U)	1974
19750074319	Flight evaluation of the SUU-45/A dispenser with BLU-49 bomb (U)	1974
19750074322	Research and development test of experimental gas turbine engine (U)	1974
19750074324	Integrated navigation satellite/hybrid inertial system support studies (U)	1974
19750074325	A brief analysis of support aircraft requirements for the HX program (U)	1974
19750074326	Aircraft protective systems for defeat of Soviet 23MM HEI-T projectiles (U)	1974
19750074328	Subscriber configuration and random access control subsystem requirements analysis (U)	1974
19750074330	Production technique and cost study for compact traveling-wave tube amplifier (U)	1974
19750074332	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: Trade studies and analysis. Part 11: Strike sensor trade study analysis report (U)	1974
19750074333	Drone control and data retrieval system (DCDRS), preliminary design study. Volume 2: System design. Part 7: Strike sensor subsystem design description (U)	1974
19750074340	Assessment of damage produced by GAU-7/A and M56A3 explosive projectiles fired into aircraft fuselage fuel tanks at simulated flight conditions (U)	1974
19750074341	Annotated bibliography of research reports based on experiments conducted at the Tudor Hill Laboratory, Bermuda (U)	1974
19750074344	Flight test of the AN/APS-116 radar automatic target detector (U)	1974
19750074345	Performance and stability assessment of the F101-GE-100 turbofan engine (engine S/N 470009) (U)	1974
19750074350	Three-axis signal processor and display: An evaluation (U)	1974
19750074352	Feasibility study of photographic reconnaissance missions for the AV-8A Harrier aircraft (U)	1974
19750074354	A-7D, ECP-392 operational evaluation/verification (U)	1974
19750074355	Modified report for the Cannon Launched Beam Rider Projectile (CLBRP) preliminary system design engineering (U)	1974
19750074356	F-111 Model Design Series (MDS) bombing navigation system comparative analysis (U)	1974
19750074358	A signal processor for a vehicular mounted radar illumination detector (U)	1974
19750074359	Alerting long range airborne radar for MTI (alarm) (U)	1974
19750074362	Angular infrared reflectance measurement (U)	1974
19750074363	Integrated multipurpose system (IMPS). Phases 1 and 2 study report, volume 1 (U)	1974
19750074364	Mart tools for program managers (U)	1974
19750074367	Nonnuclear Lance Operational Test 2 report (NNL OT 2) (U)	1974
19750074369	ASA-83 (SEAM) installation in A-4 aircraft (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074370	An analysis of OH-58 combat damage data: A comparison of combat damage data for LOH aircraft (U)	1974
19750074376	Coatings for infrared camouflage (U)	1974
19750074380	Air-to-air effectiveness study (AIRVAL). Infrared signature measurements of the F-102 aircraft. Part 1: Radiometric data (U)	1974
19750074383	PCDE propellants for ballistic missiles (U)	1974
19750074384	Altitude performance of the F101-GE-100 turbofan engine (PFRT ENGINE) S/N 470011/2 (U)	1974
19750074385	Dust erosion tests of high temperature metals in a hyperballistic range (U)	1974
19750074386	Evaluation of the propelled decoy (U)	1974
19750074387	High density lead tin telluride detector array. Appendix B: Data on final array (U)	1974
19750074388	Ion-implanted planar InSb detector array (U)	1974
19750074390	The sonobuoy environment and proposed approaches to acceptance testing including air deployment simulation (U)	1974
19750074391	Department of the Army five year test program user testing FY 75-79 includes FY 80-81 for planning: Supplement to July 1972 FYTP (U)	1974
19750074394	Mobile mortar locating radar, radar set AN/TPQ-36 (U)	1974
19750074401	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: Trade studies and analyses. Part 28: Frequency selection trade study (U)	1974
19750074402	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: Trade studies and analyses. Part 27: Preferred system definition trade study (U)	1974
19750074403	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: Trade studies and analyses. Part 14: Jamming threat analyses including cost performance techniques (U)	1974
19750074407	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 2: System design. Part 7: System features (U)	1974
19750074410	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 2. System design. Part 2. Communications (U)	1974
19750074411	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 2. System design. Part 1. Introduction and overview (U)	1974
19750074412	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 1. Executive summary (U)	1974
19750074413	Drone control and data retrieval system (DCDRS). Preliminary design study. Volume 2. System design. Part V. Software (U)	1974
19750074415	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 2. System design. Part 3. Communications (U)	1974
19750074427	Response time needs for tactical systems. Volume 3. Potential payoff in reduced attrition through knowledge of enemy antiaircraft artillery locations (U)	1974
19750074428	Conduct an operational evaluation of RBOC (Rapid Bloom Off-board Chaff) (U)	1974
19750074437	Visual Radiation Sources (VRS). Volume 2: Installation and flight testing (U)	1974
19750074461	Combat echo. Phase 2: TAC weapon system evaluation program (U)	1974
19750074462	Combat Sage: PACAF weapons system evaluation program (U)	1974
19750074480	Design of Radar Absorber Material (RAM) (U)	1974
19750074491	Proceedings of the WARF technical review, 4 June 1974 (U)	1974
19750074501	Modem partitioning study, volume 2 (U)	1974
19750074502	Naval campaigns in the Mediterranean and the use of land-based air for carrier task force defense (U)	1974
19750074504	AN/ALQ-127 evaluation (U)	1974
19750074518	F-111A/ALQ-119(V) feasibility study (U)	1974
19750074523	Evaluation against missile TV seeker (U)	1974
19750074524	Special study of technology impact (U)	1974
19750074525	Multi-mode TWT QKW1728 (U)	1974
19750074528	Development of a Hertzian oscillator jamming approach (unabridged version) (U)	1974
19750074538	Facility response predictions. Current injection to augment EMP field tests (U)	1974
19750074541	Combat verification of selected airborne target acquisition systems in Southeast Asia (U)	1974
19750074565	MIRV footprint theory study, volume 2 (U)	1974
19750074566	MIRV footprint theory study, volume 1 (U)	1974
19750074568	Fluid supply system for electric discharge laser (U)	1974
19750074583	Chaff saturation test summary, phase 2 (U)	1974
19750074609	Latitude and longitude of a feature on a Mariner 9 MTVS picture	1974
19750074610	The state of the art of bird flight research	1974
19750074618	Development of autoclavable addition-type polyimides	1974
19750074652	Turbulent burning in rocket exhaust streams	1974
19750074653	Prediction of afterburning rocket exhaust plume properties using an eddy breakup model	1974
19750074654	Evaluation of mixing coefficient for reacting jets	1974
19750074655	Missile base pressure prediction for a chemically reacting flow	1974
19750074656	Supersonic gas-particle flows including reacting chemistry	1974
19750074657	On some studies of aft-end design and its influence on plume induced separation in transonic flight	1974
19750074658	Analytical determination of two phase duct flow and jet mixing in low speed flow	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074659	Airborne measurements of particulates from solid rocket boosters	1974
19750074660	Radiation heating from solid motor plumes	1974
19750074661	Particle impingement erosion on an angled surface in a standard motor (MK-56) exhaust plume	1974
19750074662	Review of low altitude missile plume radar cross section technology	1974
19750074663	Exhaust plume radar attenuation measurements on 15K to 45K thrust motors	1974
19750074664	Advances in the retrieval and dissemination of defense support program data	1974
19750074665	Fundamental parameters affecting plume infrared radiation	1974
19750074667	Radiation from nonequilibrium rocket exhaust plumes	1974
19750074674	Performance of testing services on high explosive devices and the reduction of accumulated data (U)	1974
19750074675	Adaptive moving target indicator (U)	1974
19750074676	Vulnerability tests on operating power train components of an intermediate-size helicopter (U)	1974
19750074677	F-14/AWG-9 tactical program functional description, tape 107, volume 4 (U)	1974
19750074678	Advanced airborne ASW avionics systems development for P-3C update aircraft evaluation of the cubic corporation sonobuoy reference system in the S-3A airplane (U)	1974
19750074679	Cannon-launched guided projectile operational test 1 report. Volume 1: CLGP OT 1 (U)	1974
19750074681	A study of NNSS satellite aided navigation (U)	1974
19750074682	Alignment and navigation of AN/ASN-92 (V) inertial navigation system in S-3A airplane aboard USS Enterprise CVAN-65 (U)	1974
19750074683	AV-8A ECP-800 monitor and flight evaluation (U)	1974
19750074684	Command arm/disarm system (U)	1974
19750074686	Armored aerial reconnaissance system (AARS) vulnerability study (U)	1974
19750074688	Atlantic fleet weapons range surveillance operations supporting antiship missile defense exercises (U)	1974
19750074691	Quiet attack aircraft wind tunnel results (U)	1974
19750074692	A radar backscatter simulation investigation of artillery projectiles in flight (U)	1974
19750074695	Amplitude calibration techniques applied to the Environmental Research Institute of Michigan's airborne synthetic aperture radar system (U)	1974
19750074698	ALR-45 replacement antenna evaluation (U)	1974
19750074699	A simplified air-to-ground target acquisition model (U)	1974
19750074700	Evaluation of P-3 C operational program H (U)	1974
19750074703	Observer's Target Acquisition System (OTAS) and Pilot's Night Vision System (PNVS) tactical integration for the AH-1G Cobra optic, August 1974 (U)	1974
19750074705	Initial operational test and evaluation flight tests of the model AQM-34M special purpose aircraft (U)	1974
19750074707	Millimeter wave radiometer signal processing (U)	1974
19750074708	Liquid metal-to-air heat exchanger design study (U)	1974
19750074709	Laser line scan system IR cueing modification (U)	1974
19750074710	General principles for vulnerability reduction of Hawk type-air defense systems (U)	1974
19750074711	Prototype preliminary flight rating test (P-PERT) of a YJ101-GE-100 turbojet engine (S/N E214005-1) simulated altitude demonstration phase (U)	1974
19750074716	Field test telescope/Air Force laser integration test results (U)	1974
19750074717	Improved Hawk missile description (U)	1974
19750074718	An assessment of aerial remote environmental reconnaissance during exercise solid shield 1974 (U)	1974
19750074719	Aerodynamic characteristics of improved Hawk with and without a 14-inch wing/elevon gap at Mach numbers from 1.6 to 2.86 (U)	1974
19750074725	Ferrite RAM (U)	1974
19750074726	Thermostructural testing of hardened carbon/carbon heatshield materials (U)	1974
19750074727	Integrated Multipurpose System (IMPS). Supplementary report, volume 3 (U)	1974
19750074728	Independent evaluation of the night vision sight AN/TAS-3(U)	1974
19750074730	Development of the AN/AWM-57A microwave signal analyzer test set for the AN/AWG-10 missile control system (U)	1974
19750074731	Aircraft structural fatigue life program (U)	1974
19750074732	Fiber development program (U)	1974
19750074734	Independent evaluation of the forward area alerting radar (U)	1974
19750074735	Alerting long-range airborne radar for MTI (alarm) (U)	1974
19750074737	Investigation of umbilical shorting during launch of NATO seasparrow missile (U)	1974
19750074738	Low smoke propulsion (U)	1974
19750074739	Beacon instrumented guided ordnance (U)	1974
19750074740	Tactical airpower in NATO contingencies, modeling weather constraints on air operations: (weather and warplanes 4) (U)	1974
19750074741	Feasibility evaluation and manufacture of ultrafine aluminum powder (U)	1974
19750074743	Improved CHAPARRAL operational test 2 and Forward Area Alerting Radar (FAAR) special evaluation 2 test report improved CHAPARRAL OT 2/FAAR SE 2 (U)	1974
19750074746	Booster motor for a 75mm aircraft tube launched recoilless system (U)	1974
19750074757	Report of the optical intelligence working group (U)	1974
19750074758	KC-135A nuclear hardness study (U)	1974
19750074759	Lower sideband study, mathematical model and learn software (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074762	Implications of evolving laser technology: Laser radar threat assessment (U)	1974
19750074764	EMC criteria for SAM-D TVM ground processor (U)	1974
19750074772	Research and development programs compiled for the defense Advanced Research Projects Agency (U)	1974
19750074784	Infrared countermeasures (IRCM) prototype program and test reports (U)	1974
19750074785	Visual and electro/optical simulation and evaluation facility (U)	1974
19750074789	Thumper high power laser (U)	1974
19750074792	AN/ALQ-137 evaluation (U)	1974
19750074794	High energy pulsed laser (U)	1974
19750074800	Techniques research for countermeasures against advanced interceptor systems (U)	1974
19750074807	Army infrared flash detector system (U)	1974
19750074808	ECM/ECCM evaluation program. Volume 8. PJL system: Installation, checkout and evaluation (U)	1974
19750074810	Infrared and optical countermeasures evaluation and infrared counter measures simulation (U)	1974
19750074815	Complex target methodology and evaluation (U)	1974
19750074817	Radar station evaluation, Brekendorf, Germany (U)	1974
19750074821	Mission analysis on Air Force antisubmarine warfare (ASW) capabilities. Volume 1: Highlights (U)	1974
19750074824	Investigation of IR suppression cooling subsystems (U)	1974
19750074831	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Attachment 2, book 2: Volume 3, part 2, 3, and 5 (U)	1974
19750074832	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: System/design trade study reports. Part 5: Sections 9 through 12; backup and survivability navigation, strike sensor and hardware/software tradeoffs, and launcher and recovery analysis	1974
19750074833	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: System/design trade study reports. Part 4: Subsections 7.15 through 8.6 communications. Part 3: And man/machine display and controls (U)	1974
19750074834	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: System/design trade study reports. Part 6: Sections 13 - 14: Launch and recovery requirements analysis, and RVP computer tradeoff (U)	1974
19750074836	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 2: System/subsystem summary report. Part 1: Sections 1 - 5.5: Subsystems and equipment modules and recommended system configurations (part 1) (U)	1974
19750074837	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 2: System/subsystem summary report. Part 2: Sections 5.6 - 6.4-recommended system configurations (part 2), and design considerations and hardware implementation (part 1)	1974
19750074838	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 2: System/subsystem summary report, part 4, appendix A (U)	1974
19750074844	Passive detection sub-system for airborne tactical control system (U)	1974
19750074845	Lightweight laser countermeasure (U)	1974
19750074847	Implications of Soviet naval C3 (U)	1974
19750074857	Investigation of aircraft weapon temperatures and infrared radiation signatures. Volume 2, appendix H: Infrared signature of aircraft weapons systems (U)	1974
19750074861	Integrated multipurpose system (IMPS), phases 1 and 2 study report, volume 2 (U)	1974
19750074863	Minuteman flight analysis report. Volume 2: Accuracy analysis. FTM 2063 glory trip 119M (3 April 1974Z) (OPS 5102) LGM-30F operational test phase 2 program, launch no. 18 WS-133AM (U)	1974
19750074864	Remotely Piloted Aerial Observer Designator System (RPAODS): Accuracy, effectiveness countermeasures (U)	1974
19750074930	Fabrication and test of a five frequency wideband feed	1974
19750074935	Solar cell interconnection study	1974
19750074936	A follow up study of selected NASA patent waiver cases	1974
19750074938	High resolution infrared radiation sounder for the Nimbus F spacecraft	1974
19750074940	High Resolution Pointable Imager (HRPI) lightweighting study	1974
19750074941	Experimental aerodynamic analysis of an airborne telescope turret at subsonic and transonic speed (U)	1974
19750074942	Synthetic-aperture computer-compatible tape processing (U)	1974
19750074943	Composite materials in armor applications performance and cost (U)	1974
19750074945	Refractive effect produced by a striated medium-2 (U)	1974
19750074946	New ferrocenyl-substituted chemically-bonded oxidation-resistant burning rate accelerators for propellant applications (U)	1974
19750074947	QKW1645 expendable traveling-wave tube (U)	1974
19750074948	Estimating location error of a mortar locating radar (U)	1974
19750074949	A history of the Bullpup weapon system (U)	1974
19750074951	Low band millimeter wave TWT QKW1756 (U)	1974
19750074954	The CMHD approach to high altitude blast waves (U)	1974
19750074959	Night/day angle rate bombing system (U)	1974
19750074960	Experimental investigation of on-line image processing, volume 2 (U)	1974
19750074961	01Experimental investigation of on-line image processing, volume 1 (U)	1974
19750074964	Forward looking airborne METTRA monopulse system (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750074967	Scaled OH-6A helicopter radar cross-section (RCS) and microwave imagery studies (U)	1974
19750074984	Development of a high power injected beam crossed-field amplifier (U)	1974
19750074994	Design of structural test rig lightweight cavity (U)	1974
19750075000	Program to study optimal protocol for cardiovascular and muscular efficiency	1974
19750075001	Development of aided inertial system computer programs	1974
19750075006	Analysis of developable shells with special reference to the finite element method and circular cylinders	1974
19750075007	A simple cubic displacement element for plate bending	1974
19750075008	A solution procedure for tapered land bearings	1974
19750075012	Small, high pressure hydrogen turbopump	1974
19750075013	Technical manual and operating instructions: Wind powered generator system	1974
19750075018	Literal algebra for satellite dynamics	1974
19750075021	Correlation of materials properties with the atomic density concept	1974
19750075024	Execution phase project plan for Improved TIROS Operational Satellites (ITOS), (ITOS-H, -I and parts for -J)	1974
19750075042	SST technology follow-on program, phase 2. Development of improved titanium 6 A1-4V alloy mill products	1974
19750075044	Effects of the SCANA no. 1 turret on separation of guided MK-84 weapons and the SUU-30H/B dispenser from the F-111E aircraft at transonic speeds	1974
19750075046	Development test 2 (engineering) of infrared viewer AN/PAS-7	1974
19750075048	New directions in the development in rocket propulsion	1974
19750075050	A slide rule for predicting convergence zones (revised 1973), and related data (U)	1974
19750075052	Optical sensor research (U)	1974
19750075053	Quarterly compilation of abstracts on completed test, Experimental and Development (TED) projects (U)	1974
19750075054	MEDEX processing system. Volume 1: Hardware (U)	1974
19750075055	Aircraft identification by radar imaging feasibility study (U)	1974
19750075058	Air-to-air weapons effectiveness test (AIRVAL). IR signature analysis and comparisons with in-flight measurements. Volume 1: Analysis and comparison (U)	1974
19750075060	Demonstration of upgraded HTPB propellants (U)	1974
19750075061	Red Sparrow program some tidying up and post analyses (U)	1974
19750075063	A parametric model for estimating Naval aircraft operating and support costs (U)	1974
19750075064	Target development/target acquisition R and D overview (U)	1974
19750075065	Non-specular radar cross section study (U)	1974
19750075074	Sidewinder AIM-9D, 9G, and 9H missile rocket motor mark 36 Mods 2 and 5 type-life program (U)	1974
19750075075	P-3C product improvement: Low light level television modifications, evaluation of (U)	1974
19750075076	Subsonic, high altitude propulsion system analysis (U)	1974
19750075077	Sensitivity of the laser guided Close Air Support Missile (CASM) to PAVE SPIKE spot jitter (U)	1974
19750075078	Development Test (DT) 2 Improved Cobra Armament System (ICAS) check phase AH-1Q (U)	1974
19750075079	Low-cost expendable turbine engine inlet design study (U)	1974
19750075080	Red Sparrow OT and E (U)	1974
19750075081	The 412L AWCS geographic video map accuracy study, Germany (U)	1974
19750075082	Wideband satellite experiment: Theory, laboratory measurements, and payload characteristics (U)	1974
19750075083	AN/TSQ-73(missile minder) Air Defense Command and Control System operational test 2 (OT II) test report (U)	1974
19750075086	Owl 2 generator enhancement and electron beam characterization (U)	1974
19750075087	US technology exchange with the Soviet Union (U)	1974
19750075090	Electromagnetic microwave radiation hazards of the F-14A aircraft with block 2 AWG-9 radar (U)	1974
19750075091	Some variables affecting the ballistic performance of ceramic-faced composite armor (U)	1974
19750075092	Static stability characteristics of the Raytheon/Martin air slew configuration at low angles of attack for Mach numbers from 2.25 to 5.0 (U)	1974
19750075093	Advanced development model Airborne Laser Locator Designator (ALLD), August 1974 (U)	1974
19750075094	Effective optical cross sections of various air targets to 3.9 and 10.6 micrometer laser illumination (U)	1974
19750075098	Analysis of laser-induced damage in InSb photovoltaic and photoconductive detectors (U)	1974
19750075099	M-60-A1-E3 tank and M-746-747 Heavy Equipment Transporter (het) radar countermeasures study (U)	1974
19750075100	Fleet operational investigation involving remote sensors (U)	1974
19750075101	Performance specification for a radar augmentation system to simulate potential aerial threats (U)	1974
19750075104	Pave Spike follow-on (U)	1974
19750075105	Prototype airborne pointing and tracking system. Volume 2: Schedule and concept verification plan (U)	1974
19750075107	KS-128A low-altitude night photographic system (U)	1974
19750075108	A direct comparison of reentry F heat-transfer-rate data to ground facility measurements (U)	1974
19750075109	FY 1973 minor option 2 design of GMA200 alternate ceramic turbine hardware (U)	1974
19750075119	Conduct an operational evaluation of the AN/SRD-19(XN-1) direction finding system (U)	1974
19750075120	Operational test and evaluation of the F-111 weapons delivery methods (U)	1974
19750075124	Drone Control and Data Retrieval System (DCDRS). Preliminary design study final report. Volume 3: Trade studies and analyses. Part 17: Relay trade study, appendix D (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075125	Evaluation of operator performance in designating targets using digitally processed synthetic aperture radar imagery (U)	1974
19750075126	Conduct and operational assist test of the CV-1163/WLR-1 band 10 tuner and AS-899 antenna modification (U)	1974
19750075127	Phase a evaluation of fleet issue one operational program for the S-3A airplane (U)	1974
19750075128	Coasta patrol and interdiction craft CPIC tactical and maneuvering trials (U)	1974
19750075129	Instrumentation for intercepting LPI radar signals (U)	1974
19750075130	Pave delta air to air missile test (aim-9E versus MQM-13B) (U)	1974
19750075131	Laser retroreflectance test (U)	1974
19750075132	Follow on operational test and evaluation of the AN/TPB-1A ground-directed bombing system (U)	1974
19750075133	Mobile mortar locating radar set AN/TPO-36 (U)	1974
19750075134	Recieve transmit steerable null antenna processor RTSNAP (U)	1974
19750075136	Development test 2 (engineering test phase) of the improved cobra armament system. Volume 1, sections 1 and 2, appendices C through J (U)	1974
19750075137	Fleet validation of the CH-53D aircraft personnel planning data validation report (U)	1974
19750075138	Conduct an operational evaluation of the Bulldog weapon system (U)	1974
19750075140	An investigation of selected nonparametrical statistical techniques to apply in the analysis of test results from the patrol frigate combat system land based test site (U)	1974
19750075141	Fleet validation of the CH-46D/F aircraft personnel planning data validation report (U)	1974
19750075142	Development test 2 (DT 2), service phase (ST), of improved cobra armament system ICAS (AH-1Q) (U)	1974
19750075144	Imagery and dual band radiometric measurements on an M 48 A1 tank (U)	1974
19750075149	Electron bombarded semiconductor amplifier (U)	1974
19750075153	Target damage assessment PAVE DELTA static arena tests (U)	1974
19750075156	A technique for determining a universal drag function for use in weapon location radars (U)	1974
19750075157	Fluidic directional control HONEST JOHN (U)	1974
19750075163	A study of the importance of non-linear propagation effects in determining the dispersed EMP satellite environment (U)	1974
19750075169	WWMCCS handbook (U)	1974
19750075170	WWMCCS handbook: Executive summary (U)	1974
19750075183	Comparison of airborne TOA systems (U)	1974
19750075191	Results of the AFFDL control surface heating test at Mach number 10.5 (U)	1974
19750075192	AN/FPS-95 research and development program Mitre, general (U)	1974
19750075193	AN/FPS-95 research and development program Mitre, auroral/environmental effects (U)	1974
19750075196	High energy pulsed laser (U)	1974
19750075198	Thumper high power laser (U)	1974
19750075202	An E/F/G band CFA (U)	1974
19750075228	Analysis study of strategic terminal penetration. Volume 2: Air to surface missile effectiveness and design criteria (U)	1974
19750075233	Receive only aircraft array (U)	1974
19750075234	AN/FPS-95 research and development program. Mitre, track-while-scan development (U)	1974
19750075241	AN/FPS-95 research and development program. Mitre, track-while-scan development, volume 1 (U)	1974
19750075242	Test directive for the retest of the Nightingale system OTE 8-74 (U)	1974
19750075245	Overthe-horizon study (U)	1974
19750075251	Miniature expendable jammers, C-band, Project Channel One (U)	1974
19750075253	High efficiency VRS study (U)	1974
19750075278	Advanced nonpulse TOA location techniques (U)	1974
19750075279	HX aircraft/ship compatibility considerations in the 1980-1990 time frame (U)	1974
19750075283	US Army tactical satellite communications program (TACSATCOMP). Volume 2: Basic study (U)	1974
19750075284	US Army tactical satellite communications program (TACSATCOMP). Volume 1: Executive summary (U)	1974
19750075285	US Army tactical satellite communications program (TACSATCOMP). Volume 3: Appendices E-O (U)	1974
19750075290	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: System/design trade study reports. Part 3: Subsections 7.9 through 7.14. Communications, part 2 (U)	1974
19750075291	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: System/design trade study reports. Part 2: Subsections 7.0 through 7.8. Communications, part 1 (U)	1974
19750075292	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 3: System/design trade study reports. Part 1: Section 1 through 6 - Preferred system, man/machine allocation, optimum relay platforms, TACS and DCS interfaces, antenna system	1974
19750075293	Drone Control and Data Retrieval System (DCDRS). Preliminary design study. Volume 2: System/subsystem summary report. Part 5: Appendixes B through G (U)	1974
19750075294	Drone Control and Data Retrieval System (DCDRS), preliminary design study. Attachment 2, book 1: Volume 2, parts, 1, 2, and 3 and Volume 3, part 1 (U)	1974
19750075296	Drone Control and Data Retrieval System (DCDRS), preliminary design study, attachment 2, book 3 (U)	1974
19750075303	Acoustic ray theory applied to vortex refraction in two dimensions with reference to geometry and symmetry	1974
19750075304	Wind tunnel flutter tests at subsonic speeds on half-wing with a fan engine nucelle	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075305	Lengthening of a 1250 cu m balloon to increase its capacity to 1435 CU M	1974
19750075312	Systems Studies Division publications, 1974	1974
19750075326	Armored Aerial Reconnaissance System (ARRS) vulnerability study. Volume 1: Vehicle design and subsystem studies	1974
19750075327	Reentry antenna test program (RANT). Appendix 10: System/subsystem testing	1974
19750075328	Reentry antenna test program (RANT). Appendix 3: Electrostatic probe analysis	1974
19750075329	System optical quality study. Phase 1: Problem definition	1974
19750075330	ECM/ECCM evaluation program. Volume 4: PJL software, description	1974
19750075332	Processable laminating resins with improved moisture resistance, toughness and moderate temperature capability, part 2	1974
19750075333	A comparison of flight loads counting methods and their effects on fatigue life estimates using data from Concorde	1974
19750075334	An investigation into methods for correlation of test results with post test field performance of arctic equipment	1974
19750075335	Measured air velocities on the MTU laser mock-up in a landing vehicle LVTP-12	1974
19750075336	AN/MSG-3A optical slip ring assembly	1974
19750075337	Helicopter hauldown, securing and traversing (HST) system for lamps capable ships specification for	1974
19750075338	Production engineering measure for mechanized production and test equipment for high volume subminiature ceramic chip capacitors	1974
19750075342	Infrared chemiluminescence from the reaction of oxygen atoms with chloroethylenes	1974
19750075343	HF/DF chemical laser technology	1974
19750075344	F-106 Power Upgrade Program (PUP) protoproof	1974
19750075345	Helicopter to payload expulsion range variations of the 2.75-inch rocket	1974
19750075348	Technical evaluation of portable TACAN test set model TTS-7124	1974
19750075349	Struck throttle and high precautionary/flameout approach procedures for J52-powered A-4 airplanes	1974
19750075350	Accelerated service test (certification) of the T400-CP-400 twin engine pack installed in the AH-1J attack helicopter	1974
19750075351	Cobra stores management and RC fuze setting systems (cobra stores test)	1974
19750075352	On the stability of closed boundary-layer separation areas on conical bodies in hypersonic flow conditions	1974
19750075353	Evaluation of ALCOA Seaprope	1974
19750075354	Engineer design test of SAM-D tractor/semitrailer (M818/XM860)	1974
19750075355	Intermediate temperature photovoltaic detector	1974
19750075356	C-130E center of gravity (CG)	1974
19750075357	Search and rescue communications Global Rescue Alarm Net (GRAN)	1974
19750075360	Effect of barium and calcium on illuminating flare performance	1974
19750075362	Effect of actual and induced propellant inhibiting on M549 flight performance	1974
19750075364	Missile impact errors due to navigation and in-flight effects of anomalous gravity	1974
19750075365	Pre-analysis of initial compaction tests on the WARD core restraint test facility using the semi-empirical code PARABOW	1974
19750075369	Sodium level transducers testing to 1050 F	1974
19750075378	Physics evaluations and applications	1974
19750075379	Friction and wear testing in support of FFTF components	1974
19750075380	Preliminary analysis of temperature and pressure fluctuations in mixing tees with inlet-leg pipe reducers	1974
19750075381	Tensile and creep properties of several heats of type 304 stainless steel	1974
19750075382	Self-destruct and conducting materials, a summary report	1974
19750075385	Codeposited PG/SiC nozzle liners for advanced ICBM systems. Volume 4: Thermostructural analysis using a simplified model	1974
19750075388	Results of a test at a land base of a measure of work and responsibility	1974
19750075389	Low speed wind tunnel test of a two dimensional wing fitted with two plain differentially deflected trailing edge flaps	1974
19750075390	Measurements of pressure distribution on a half model wing body combination of 55 deg sweep over a wide range of Reynolds number	1974
19750075391	A piloted flight simulation of the Westland Lynx	1974
19750075392	Some relationships between crystallography and stage 2 fatigue crack growth in a Ti-6Al-4V alloy	1974
19750075393	Return Beam Vidicon Multispectral Three-Camera Subsystem for ERTS A and B	1974
19750075398	Reentry antenna test program test program (rant). Appendix 1: Antenna breakdown model	1974
19750075404	Interpretation and analysis of data on the thermal response of PBI and HT-4 to fire pit tests	1974
19750075406	Mark 4 CO2 scrubber development, Addendum	1974
19750075407	Government depot maintenance warranties	1974
19750075408	A short run economies of scale analysis of the Aerospace Guidance and Metrology Center (AGMC)	1974
19750075409	An experimental investigation of the acoustic and wall interference properties of rod and perforated wind tunnel walls in two-dimensional transonic flow	1974
19750075410	Transonic wind tunnel tests of full scale 8 inch ERA (modified) projectiles	1974
19750075413	LSI signal processor for radar	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075414	Agile low-cost materials study. Number 2: Blast tube and nozzle nonmetallic component design improvement program	1974
19750075415	A parametric study of multipath effects on radar signal amplitudes	1974
19750075419	Theoretical and experimental study of a dual mode ramjet performance for Mach 3.5/7 domain of flight velocities	1974
19750075420	An efficient microcondenser	1974
19750075421	Gas-dynamic processes during production of inversions in shock tubes	1974
19750075422	On the theory of nonequilibrium phenomena in chemically-reacting gaseous mixtures	1974
19750075423	The state and prospects for development of a computer element base	1974
19750075424	Turbulence during a circular flow of a conducting fluid in a magnetic field	1974
19750075425	Regime of the maximum efficiency of a multistage thermoelectric generator with electrical series coupling of its stages	1974
19750075426	Electrochemical separation of the disperse systems, part 2	1974
19750075428	Measurement technique for determination of the micro-structure of the detonation front for solid explosives	1974
19750075429	Various aspects of terminal ballistics	1974
19750075434	Evaluation of the RPC dual channel biosensor system and the ITI model 58 explosive detector for the detection of TNT and other compounds	1974
19750075435	Buckling analysis of sandwich cylinders under hydrostatic pressure	1974
19750075442	On the hydrodynamics of certain two-phase flows	1974
19750075444	Fundamental parameters affecting plume infrared radiation	1974
19750075445	The infrared signature of pyrophorics	1974
19750075446	Data system for the XQM-103 remotely piloted vehicle	1974
19750075447	Studies on the strength of metal adhesive joints under impact	1974
19750075448	Disk for manufacturing fibers from inorganic substances	1974
19750075449	The distribution of actual volumetric gas content by section of canal	1974
19750075450	Thermal battery performance during high acceleration	1974
19750075451	Community navigation organization concept study. Volume 1: Sections 1-5	1974
19750075453	Millimeter-wave PSK transmitter module	1974
19750075455	Final annual report	1974
19750075456	Air combat maneuvering range (constant fix)	1974
19750075457	Methodology investigation study to improve spin data acquisition	1974
19750075459	Economic indices for avionics equipment updated to 1973. Addendum number 4	1974
19750075460	Program OAKER	1974
19750075461	Test report-warhead, chaparral prototype XM250	1974
19750075462	Navy air logistics data analysis requirements (NALDAR)	1974
19750075463	An analysis of simulated deployment of the US Army Airmobile Division	1974
19750075465	Mechanical spectroscopy of composite explosives	1974
19750075470	On spectral properties of narrowband stochastic processes and processes generated with jumping parameters	1974
19750075471	Analysis of bandlimited nonlinear QPSK-channels	1974
19750075472	Frequency parameters for narrowband signals	1974
19750075473	Investigation of laser radiation reflection by a dense plasma	1974
19750075474	Proposal for the laser project at IPP for the January 1974 to December 1978 period	1974
19750075475	The experimental investigation of the turbulent boundary layer on a triangular plate with a wedge	1974
19750075476	The basic principles of the construction and the technical-economical characteristics of a unified computer system	1974
19750075477	The mechanical properties of boron fibers	1974
19750075478	Comparative study of combustion of 6, 5, 4, and 3- amines of cobalt nitrite 3	1974
19750075479	The 1.4 micron photocathode	1974
19750075480	S-band amplifier TRAPATT	1974
19750075482	Technical evaluation of signal monitor-distribution unit, teletypewriter ID-1866/SCG	1974
19750075483	C-5 modified fuel level control valves	1974
19750075484	Advanced fluidic stable platform phase 4: Critical component development	1974
19750075485	Development of (Hg,Cd Te elevated temperature photovoltaic detectors	1974
19750075486	Quick cool down thermoelectric cooler	1974
19750075487	Special radio evaluation report. Richards-Gebaur AFB, Missouri	1974
19750075488	Radar station evaluation report. Tyndall AFB, Florida	1974
19750075489	Radar station evaluation report, Beale AFB, California	1974
19750075494	Methodology investigation: Use of wind tunnel in sampler and agent calibration and evaluation	1974
19750075496	Evaluation of inspector model X-ray generator	1974
19750075497	Standard moderate accuracy inertial navigator	1974
19750075498	An analytical microstructural model for the fracture of graphite	1974
19750075499	ECM/ECCM evaluation program. Volume 9: TESCO activity	1974
19750075500	ECM/ECCM evaluation program. Volume 11: Sidelobe received clutter investigation	1974
19750075501	Defense navigation satellite special study	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075502	SAM-D engineering development status. Volume 1: Narrative summary	1974
19750075503	Impressed-current cathodic protection for surface-effect ships	1974
19750075504	Evaluation of Wullenweber antenna for general service use	1974
19750075505	Carrier air traffic control center trainer investigation	1974
19750075506	Technical evaluation of AN/SPN-42 flight recorder field change kit	1974
19750075507	Technical evaluation of transponder test set AN/UPM-136	1974
19750075508	High elevation angle, medium altitude satellite communications systems	1974
19750075509	Modular weapons aerodynamic configuration and component definition study	1974
19750075510	Global positioning system control/user segments. Volume 1: Introduction and summary	1974
19750075511	Global positioning system control/user segments. Volume 2: System error performance	1974
19750075512	Global positioning system control/user segments. Volume 3: User segment description, performance, error budgets, and RF link budgets	1974
19750075513	Global positioning system control/user segments. Volume 4: Cost effectiveness criteria	1974
19750075514	Tactical aircraft guidance system advanced development program flight test phase report, volume 1	1974
19750075515	Forming titanium-alloy stringer sections under hydrostatic pressure	1974
19750075517	Remotely piloted aerial observer designator system (RPAODS) Philco-Ford Corporation Newport Beach, Ca., December 1973 - May 1974	1974
19750075518	Stabilization of ionization instability by high-frequency electric field	1974
19750075519	Analysis of resonance tubes	1974
19750075520	BAXITON: An efficient fixed-angle nephelometer	1974
19750075522	Development study for a low energy X-ray spectrometer	1974
19750075523	Topographic elevation error statistics and data storage requirements	1974
19750075524	Delta modulation to pulse code modulation digital code converter	1974
19750075525	Examination of all weld metal tensile test fracture surfaces from the HY-130/MIL-14018 system	1974
19750075526	Icing trials of the RH-53D helicopter	1974
19750075532	Pulse control: A new type of servo drive	1974
19750075533	Optical properties of detonation waves geometrical optics of explosives, volume 1	1974
19750075534	Development test 2 (engineering) test phase of the improved cobra armament system. Volume 2: Appendices A and B	1974
19750075535	Sapphire filaments	1974
19750075536	BMDATC arc	1974
19750075537	An eight channel coherent receiver to support studies of digital adaptive beamforming at HF	1974
19750075539	A high accuracy and high resolution digital instantaneous frequency measuring IFM receiver	1974
19750075540	Evaluation program fluidic laminar rate sensor	1974
19750075541	Middle north series, mixed company event, blast effects of helicopter plexiglas windows	1974
19750075543	Comparative evaluation of militarized commercial hand held stabilized optical viewing devices	1974
19750075546	Community navigation organization concept study. Volume 2, section 6-10	1974
19750075547	Structural integrity investigation of the Pershing propellant grains	1974
19750075548	Check test of mast AB-952/GRC-103 under arctic winter conditions	1974
19750075549	Aerodynamic coefficients for the pavestorm 2 weapon configuration using multiple and single fin deflection techniques	1974
19750075550	Split stirling cycle cryogenic refrigerator	1974
19750075551	Theory of diffusion phoresis of moderately large volatile aerosol particles taking into account the sudden change in concentration in the layer near the wall	1974
19750075552	Simplified analytic and experimental interior ballistics of light gas guns	1974
19750075553	Reprocurement data for avionics digital computer software	1974
19750075555	USS Constellation ACLS certification trials	1974
19750075556	ACLS certification trials of USS Enterprise	1974
19750075557	Evaluation of ge 450/500 ampere, starter generator	1974
19750075558	Flight test, evaluation and calibration of the AIMS ATRBS equipment for the U-11A airplane	1974
19750075559	Initial production test of theodolite directional, survey, type 1, 1 minute	1974
19750075560	Boundary layer studies on spinning bodies of revolution	1974
19750075562	Fabrication techniques for rivet fasteners utilizing 55-nitinol	1974
19750075563	Position location reporting system	1974
19750075564	Microwave radio relay frequency plans for the combat grande and territorial command networks, supplement	1974
19750075565	Development of airborne reconnaissance equipment cost/technology indices	1974
19750075566	Armor development for an EOD protective shield	1974
19750075568	Guidelines for obtaining good adhesive bonds and seals in munition items	1974
19750075569	Test and evaluation of spade distance meters and components	1974
19750075570	Surface effect ship habitability simulation	1974
19750075571	High frequency flow noise	1974
19750075572	Nozzle-afterbody wind tunnel test of an attack aircraft	1974
19750075574	Study of worldwide port facilities. Part 4: Preliminary functional vulnerability study	1974
19750075575	Performance evaluation of the TD968(A) pulse code modulation multiplexer	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075579	Type HA2-VMG-5010 diesel electrical unit	1974
19750075582	Antiaircraft rocket complexes (section four)	1974
19750075583	Interconnection with the aid of a universal electronic computer. Chapter 6: Coupling using a general purpose computer	1974
19750075586	Research meeting on carbon materials (24th)	1974
19750075587	Twelve mile territorial seas and Air Force flying operations	1974
19750075588	Codeposited PG/SiC nozzle liners for advanced ICBM systems. Volume 1: Deposition process development	1974
19750075589	Evaluations of injection systems for Texaco controlled combustion system engines	1974
19750075590	Thermal processing, negative diazo reproduction materials	1974
19750075591	Switch tube investigation	1974
19750075592	TMDE task 06 systems concepts and architecture MAID TECH study, secondary effect technique studies. Volume 1: Summary report	1974
19750075593	Production engineering measure for capacitors, electrolytic aluminum high reliability, high voltage	1974
19750075597	Modification of the Aero-7A/7B bomb racks	1974
19750075601	An opinion on selection of welding equipment for mobile repair shops	1974
19750075604	Thyristor system for supplying DC motor with separate excitation	1974
19750075605	Integrated ram-jet engine for missiles	1974
19750075610	Composite engine conceptual design	1974
19750075611	HF phased array single site radiolocation	1974
19750075612	A production engineering measure for two L-band solid-state microwave frequency sources	1974
19750075616	Demonstration of HC chain reaction laser	1974
19750075618	Application of the molecular probe technique to propellants, aging study	1974
19750075620	Demonstration surface-to-firing of the MK-71 5 inch ZUNI rocket	1974
19750075624	Optical matched filtering for missile guidance	1974
19750075625	Wall interference in 2D ventilated wind tunnels at high subsonic Mach numbers	1974
19750075626	Index of telemetry transmitters evaluated for spectrum utilization characteristics	1974
19750075627	Hardware alternatives for an automated information display for naval inshore warfare	1974
19750075628	Combined Area/Point (CAP) tracker system laser	1974
19750075629	Control laws for missile intercept, rendezvous, and tracking via disturbance accommodation techniques	1974
19750075630	Fluid dynamics and observables of high altitude rocket plumes	1974
19750075631	Analysis of electrically suspended gyro navigator gravity squared error propagation terms	1974
19750075635	Quadrature monopulse techniques	1974
19750075636	Hybrid waveguides, integrated optics for 10 micron wavelengths	1974
19750075637	Fiber-optics remote link for AN/PPS-18 radar	1974
19750075638	ACLS certification and qualification evaluation of the A-7A airplane	1974
19750075639	Magnetic tape rewinder/cleaner	1974
19750075640	Machine casting of ferrous alloys	1974
19750075642	Aggregate casting techniques for producing high density slip-cast fused silica radomes	1974
19750075643	Acoustic radiation from point excited beam stiffened plates including the effects of fluid loading	1974
19750075644	TA3/P1 comparator	1974
19750075645	Hot brick infrared device, US Army Electronics Command, White Sands Missile Range, New Mexico	1974
19750075646	Altitude qualification test of the Philco-Ford/Aerojet SVM-6 NATO 3 SATCOM solid-propellant rocket motor S/N Q-1	1974
19750075647	Reliable Advanced Solid State Radar (RASSR)	1974
19750075648	High power CO laser	1974
19750075654	Intermediate temperature photovoltaic detector INAS1-X SB (X)	1974
19750075657	HIS 6000 Reconnaissance Information System (RIS), test and implementation plan	1974
19750075662	Micro-navigator (micron) analysis unified calibration development	1974
19750075663	Experimental investigation of rocket plume radiation at low altitudes	1974
19750075665	Allowance for the resolution interval in error propagation	1974
19750075670	Development of Light Airborn Multi-Purpose System (LAM PS) AN/SSQ-47B sonobuoy simulator for use during Weapon System Accuracy Trials (WSATS)	1974
19750075678	Magnetic susceptibility of single crystals of alloys of the tantalum-tungsten and tungsten-rhenium systems	1974
19750075679	Stability of electrophysical properties of niobium single crystals at high temperatures	1974
19750075683	Research and development on the glass fiber sodium sulfur battery	1974
19750075684	The production and application of articles made of titanium powder, chapter 5	1974
19750075685	Flight test evaluation and calibration of AIMS airborne ATRBS equipment for the RF-8G airplane	1974
19750075686	DIALOG-BESM-6 interpretive time-sharing system	1974
19750075687	Exploratory development on the synthesis of intermediates required for high temperature stable polymers	1974
19750075688	Pavement overlays design and evaluation	1974
19750075689	Improvement of AN/ASA-16 tactical display unit	1974
19750075690	Exploratory development of new and improved self-sealing systems for aircraft integral fuel tanks	1974
19750075691	High temperature resins having improved processability	1974
19750075692	ACFIL and FILPOLE: Two programs for the design and analysis of active filters	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075693	Study of relaminarization on ATJ-S graphite thermostructural models tested in the AFFDL 50 MW facility	1974
19750075694	Isothermal forging of titanium alloy bulkheads	1974
19750075695	High-power C-band microwave integrated transistor amplifier	1974
19750075696	Steerable null antenna processor	1974
19750075697	Production engineering measure for high power traveling-wave tubes	1974
19750075698	Evaluation of production AN/ALQ-123 infrared countermeasures system	1974
19750075699	An EMC analysis of the AN/MS-60 DSCS earth station at Stuttgart, FRG	1974
19750075700	Wideband techniques (adaptive notch filter)	1974
19750075701	CO electric laser system investigation	1974
19750075702	EMP hardened CMOS circuits	1974
19750075703	Low power high density MOS arrays for Army application	1974
19750075704	Advanced orbital accuracy simulation program	1974
19750075705	C-5A reliability, addendum 3	1974
19750075706	USACDEC laser field experiments 43.7 and HELLFIRE Hunter-Liggett Military Reservation (HLMR), Jolon, California	1974
19750075708	Bend beam Stress-Corrosion-Cracking (SCC) test-flaw tolerance of the HY-130 system	1974
19750075709	Navy technical evaluation of the NAVOCEANORP-3A (oceanographic research and ice reconnaissance) aircraft	1974
19750075710	Completion of the program to evaluate/improve instrumentation and test methods for electroexplosive device safety qualification	1974
19750075712	Navy communications	1974
19750075713	IOT and E of KB-29 (formerly stabilized KB-18) strike camera	1974
19750075714	Automatic steerable null antenna processor	1974
19750075715	HF/DF techniques investigation, volume 4	1974
19750075716	HF/DF techniques investigation, volume 3	1974
19750075717	HF/DF techniques investigation, volume 2	1974
19750075718	HF/DF techniques investigation, volume 1	1974
19750075721	On a strong regularizer of a closed operator	1974
19750075722	On an alternating direction scheme for the Navier-Stokes problem	1974
19750075724	Frequency tradeoff considerations relative to the AN/TPN-19 for a non par application	1974
19750075725	Preliminary design and analyses of an advanced composite wing pivot structure. Volume 1: Feasibility and cost analysis	1974
19750075727	Evaluation of the AN/ARA-63 instrument landing system installation in the A-7A/B/C/E aircraft	1974
19750075728	Model J85-GE-5J/F engine performance using JP-5 fuel limited evaluation of	1974
19750075729	Arctic surface effect vehicles. Volume 1: An overview of SEV developments	1974
19750075730	Development of an internal wave computer code	1974
19750075733	The effect of steady shear currents on internal wave and surface wave dynamics	1974
19750075734	Shadow imaging program, phase 2	1974
19750075735	Standard aircraft maintenance space criteria for CVA and CV aircraft carriers	1974
19750075736	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1974
19750075740	Air Force Computer-Aided Manufacturing AFCAM master plan. Volume 5: Data for module development	1974
19750075741	Issues in simulator software management based on the A7-D simulator program	1974
19750075742	Surface effect vehicle program. 175-ton ASEV baseline configuration studies	1974
19750075743	Air Force Computer-Aided Manufacturing (AFCAM) master plan. Volume 4: Catalog of existing modules	1974
19750075744	Compatibility of pulsed and CW radars	1974
19750075747	Protective coatings for hybrid microcircuits	1974
19750075748	RF excited krypton arc lamps for pumping ND, YAG lasers	1974
19750075749	Ring laser thermal investigation	1974
19750075750	Isothermal shape rolling of titanium and superalloys	1974
19750075754	A study of wave characteristics influence on laser selection for applications: Propagation analysis	1974
19750075755	Ga-As laser rifle simulators used with the moving target screen of the multiple integrated laser engagement and scoring (MILES) system, October 1974	1974
19750075756	Development of an integrated epitaxial YIG tunable microwave filter	1974
19750075757	Switching effects in the system metal CdGeAs ₂ metal	1974
19750075758	Cobra/TOW Night Firing Experiment (AH-1Q NFE) test report	1974
19750075759	Laser light source printer	1974
19750075762	Air Force Computer-Aided Manufacturing (AFCAM) master plan. Volume 1: Summary and recommendations	1974
19750075763	A friction ignition mechanism for a sodium chlorate candle	1974
19750075764	Features of the organization of technical complexes oriented for use in an automated system of production control ASUP	1974
19750075765	Investigation of the influence of temperature on the mechanical properties of single deformation, and annealing	1974
19750075767	Sensor data bank development: AN/ASN-90 test data file and error models	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075768	Development test 2 (service phase) of the improved 2.75 inch rocket subsystem	1974
19750075769	MX-9331 (/)URC regenerative repeater	1974
19750075770	Comparative evaluation of hand-held image motion compensation devices test report	1974
19750075771	FIXWEX BRAVO '74, P-3C integrated acoustic sensor system reliability	1974
19750075772	Materials requirements for advanced energy systems; new fuels. Volume 2: Materials aspects of the use, production, transportation and storage of new fuels	1974
19750075774	Complete fuselage fatigue test F 104 G fitting damage at the retrofit wing	1974
19750075775	Mechanical flight problems in landing approaches with direct lift control as in the HFB 3	1974
19750075776	Heat exchange in the boiling of freon	1974
19750075777	Interaction of laser radiation with a tungsten surface	1974
19750075778	H-2 Helicopter battery vibration survey	1974
19750075779	Avionics evaluation of the P-3F type airplane	1974
19750075780	Electrical design verification tests of the F-4 ram air turbine powered generator	1974
19750075781	Evaluation of prototype A-6 wingfold liquid spring bellcrank	1974
19750075782	Multilayer interconnect technology investigation	1974
19750075783	Development of HTPB propellant for ballistic missiles	1974
19750075784	Concept definition of the air cushion vehicle power management value concept	1974
19750075785	Growth crystal	1974
19750075787	Operational evaluation of the CSU-15/P anti-G coverall	1974
19750075788	To design, fabricate and laboratory test a Collision Avoidance And Navigation System (CAANS)	1974
19750075795	US Army target guided missile program	1974
19750075796	AX fuel tank vulnerability evaluation report	1974
19750075797	WORRY user's manual (WORRY code document number 1)	1974
19750075798	Microranger infrared distance measuring device	1974
19750075799	Initial protection test of redeye moving target simulator (M-87) Fort Hood, Texas	1974
19750075800	Receive-only aircraft array study program	1974
19750075801	Water capacitor design studies	1974
19750075802	F-105 seat cushion insert	1974
19750075803	Height of burst blast effects at high overpressures	1974
19750075804	Wind tunnel and air gun testing of an antimateriel munition orientation/stabilization device	1974
19750075805	Selected medium diagnostics for a 10-kW CW Hf chemical laser	1974
19750075806	Study of single crystals of alloys for permanent magnets	1974
19750075807	A study on sintering of the S13N4MgO system	1974
19750075808	The effect of channel surface roughness on hydraulic resistance	1974
19750075809	A conceptual study on the application of STOL (Short Take-Off and Landing) sensor carrier support type aircraft to small aircraft carriers	1974
19750075810	C-5 high-lift servicing platform	1974
19750075811	Construction and laboratory trials of a prototype D-C operated ground fault locator for energized shipboard A-C electrocal power systems	1974
19750075812	Verification tests of a Williams Research WR24-7 engine	1974
19750075813	Pulse compression filter and wideband receiver evaluation	1974
19750075814	Operational appraisal of the air combat maneuvering range	1974
19750075815	A transverse-flow aerodynamic window for chemical lasers	1974
19750075816	Low loss wideband acoustic delay line	1974
19750075817	High energy laser mirrors and windows	1974
19750075818	RF switching matrix group SLS-SMG: Test evaluation for a remote, digitally controlled RF switching system	1974
19750075819	CH-3E and HH-53C simulator trainers	1974
19750075820	Flowfield characteristics beneath the centerline and inboard pylons of the F-15 aircraft with various store loadings at transonic Mach numbers	1974
19750075821	Development test 2 air portability/airdrop phase of night vision sight, individual served weapons, AN/PVS-4	1974
19750075822	Report of test on transformer, power. 540804-1, R. M. Handley Company	1974
19750075823	Report of test on reactor, power inductor, 570805-1, R. M. Hadley Company	1974
19750075824	Structural-technological and element base of a unified computer system	1974
19750075825	Tactical line printer	1974
19750075826	Hot section certification of the J79-GE-8C engine installed in the F-4B airplane	1974
19750075827	Wear prevention/control program for aircraft components	1974
19750075828	Calculation of the plane supersonic cascade flow using the method of analytical characteristics	1974
19750075829	Strengthening of austenitic steel by phase hardening. 1: Strengthening of nonmagnetic alloys by the methods of dispersion hardening and phase handling	1974
19750075830	Calculation of titanium shroud rotor rings of a turbogenerator	1974
19750075831	Determination of residual austenite by the interference layer method	1974
19750075833	Detecting aerobic bacteria originating from a distant source of diffusion	1974
19750075835	Utilization of the CFR engine for prediction of gasoline anti-knock quality at high speeds	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075836	Production engineering measure for improvement of techniques to increase the reliability for ceramic isolation capacitors for intergrated circuits	1974
19750075837	Synthesis of perfluoroaliphatic ether monomers, part 4	1974
19750075838	Laser wavefront analyser using sliding reference interferometry. Volume 1: Design and performance analysis	1974
19750075840	MISSYN-missile design and performance synthesis computer program, version 1	1974
19750075841	Thermochemical ablation of aromatic/heterocyclic polymeric composites. Part 2: Nonthermochemical mechanisms and insulating performance	1974
19750075844	Materials requirements for advanced energy systems; new fuels. Volume 1: Interactions of materials with new fuels	1974
19750075845	Comparison test of GOER vehicle, truck tanker, fuel servicing, 2500 gallon, 4 X4, M559 without winch	1974
19750075846	Low power high density MOS arrays for Army application	1974
19750075847	Exploratory development of material windows for lasers. Adjunct. Interactive computer model user's manual	1974
19750075848	Exploratory development of material windows for lasers	1974
19750075849	Anticollision strobe lights for C-141/TR-39 aircraft	1974
19750075850	C-141 mechanical seal service test on C-5 windshield	1974
19750075851	Analysis of pulsed interference to television receivers	1974
19750075852	Preliminary gravity gradiometer system definition report	1974
19750075853	Studies of field assisted photocathodes for 1 to 2 microns	1974
19750075854	PLRS/EDM study guide	1974
19750075855	PLRS/EDM instructor outlines	1974
19750075856	Development of AN/APX-100 (V) diversity IFF transponder	1974
19750075857	The threat to Army aircraft from friendly artillery	1974
19750075858	Performance test of sealed beam, integrated-reflector searchlight	1974
19750075866	Remote inspection of welded joints	1974
19750075869	ACLS certification of the USS Ranger (CVA 61)	1974
19750075870	Developmental investigation of the Litton multisensor	1974
19750075871	Helo homing	1974
19750075872	Evaluation of the AV-8A aircraft 12 KVA electric power system (Lucas Aerospace limited constant speed drive P/N AE8204)	1974
19750075874	High voltage complementary bipolar planar transistors	1974
19750075875	A procedure to solve the Fokker-Planck-Poisson equations consistency	1974
19750075876	Application of the reductive perturbation method to long hydromagnetic waves parallel to the magnetic field in a cold plasma	1974
19750075877	Design and construction of an electrostatic gas turbine dust separator with a pulsed cleaning cycle	1974
19750075878	Enhancement of chaff dispersion	1974
19750075880	Development of a linear octave bandwidth 2 to 4 GHZ transistor amplifier	1974
19750075881	Production Engineering Measure (PEM) power supplies for 18 and 25mm second generation image intensifier tubes	1974
19750075882	Laser radar technology	1974
19750075883	Qualification test report forward ring	1974
19750075884	SETS, baseline user's manual	1974
19750075888	Propagation and attenuation of shock waves in tunnels	1974
19750075889	Basic circuit modules	1974
19750075892	The electrical charging of uniform latex spheres produced by spraying and drying	1974
19750075893	A comparison of the climate at Cloncurry with the standard climate of QSTAG 200 A2	1974
19750075894	SKUA 2 rockets AMM-S2-10 to 14 launched at Churchill Research Range 4 and 5 December 1973	1974
19750075895	Graph symmetries in the search for maximal incidence matrix	1974
19750075896	TAMICSS refinement report. Attachment 6: Register data file	1974
19750075897	Image line integrated circuits for system applications at millimeter wavelengths	1974
19750075898	Failure criteria in graphite	1974
19750075899	Aerodynamic and performance characteristics of the AFATL trajectory control test vehicle	1974
19750075900	Advanced measurement techniques within shielded enclosures	1974
19750075901	The French-Soviet ARAKS project	1974
19750075902	Computers from the Warsaw Pact block	1974
19750075903	NATC support and monitor of the X/C-5 MK III light airborne multipurpose systems (LAMPS)	1974
19750075904	Measurements and operating experience with the Argas 1 MHD test system	1974
19750075905	The optical behavior of metals	1974
19750075906	Erosion behavior of surface coatings	1974
19750075907	Substructure of oriented single crystals of tungsten of increased diameter, obtained by the zone cultivation method	1974
19750075908	Dynamic theory of seismic stability of complex underground installation systems	1974
19750075909	The effectiveness of various types of energy accumulators	1974
19750075910	Laboratory evaluation of the Thiokol flow-through sanitary sewage treatment system	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075911	Flow-field, aerodynamic loads, and separation trajectory tests on the MK-84 and SUU-54 super hobos guided weapons with the F-4C and A-70 parent aircraft at Mach numbers 0.65 to 1.60	1974
19750075912	Energy use for the autoregressive channel with noiseless feedback: Numerical study	1974
19750075913	HF antenna system for a small high-speed ship	1974
19750075914	Effects of radiation on charge-coupled devices	1974
19750075915	User manual for point-to-point microwave frequency assignment and verification model	1974
19750075916	Hydrocarbon combustion kinetics. 1: Burner studies	1974
19750075918	Equipment development in the initial stage, part 2	1974
19750075919	Technologies and materials for integrated thin film circuits	1974
19750075920	Galvanic cells	1974
19750075925	AGA model 76 geodimeter, July - August 1974	1974
19750075926	Site selection for the Laser-Guided Weapons (LGW) in Close Air Support (CAS) Joint Test (JT)	1974
19750075928	F-106 launcher rail modification	1974
19750075929	Special study of evaluation of MEDOVIC Radar	1974
19750075930	Aerodynamic reactive flow studies of the H2/F2 laser, 2	1974
19750075931	Thin film garnet manufacturing methods	1974
19750075932	Joint test of AWADS employment, phase 1	1974
19750075933	NAVAIDS station evaluation report Ellsworth AFB, South Dakota	1974
19750075934	Kadena TACAN Station evaluation report, Kadena Air Base, Okinawa	1974
19750075935	The effect of conical boattails on the magnus characteristics of projectiles at subsonic and transonic speeds	1974
19750075936	In-space servicing of a dsp satellite. Volume 3: Appendices	1974
19750075938	Radar cross section studies, phase 2	1974
19750075939	Advanced modulator 2	1974
19750075940	Rocket plume measurement and analysis program	1974
19750075941	Codeposited PG/SiC nozzle liners for advanced ICBM systems. Volume 2: Coating characterization	1974
19750075943	Test loading of the JACC/Cp (AN/URC-56) on the C-130E/A/A32H-4A cargo-handling system	1974
19750075944	S-band solid-state power amplifiers	1974
19750075945	Aerodynamic analysis of a reentry body type anti-armor projectile	1974
19750075947	Evaluation of the HH-46A airborne high power sound system loud hailer, AEM-1492 D-SYS-2	1974
19750075948	NATC support and monitor of the X/C-5 MK 3 Light Airborne Multipurpose Systems LAMPS	1974
19750075949	Survivable external fuel tank	1974
19750075950	Control relay set, drone, multiple an/asw-35 (XN-1)	1974
19750075951	Production engineering measure for high reliability integratable pin diodes	1974
19750075952	Far-infrared laser semi-active missile guidance system	1974
19750075953	Position location reporting system	1974
19750075954	Aerospatiale SA-360 helicopter	1974
19750075955	Thermomechanical treatments for alloys	1974
19750075956	PLRS program	1974
19750075957	Production engineering measures vapor phase cooled traveling wave tubes	1974
19750075958	Production engineering measures vapor phase cooled traveling wave tubes	1974
19750075959	Dispersion correction equipment	1974
19750075960	Corrosion resistance of Alclad 7050 sheet	1974
19750075962	Data management information system for Air Force operational test and evaluation, Volume 2A, Parts 1 and 2	1974
19750075963	Static-force tests on the Sandia Nose Recovery Vehicle (NRV) at Mach number 8.0	1974
19750075964	Select effects armament subsystem rocket/AH-1G cobra helicopter electromagnetic radiation hazards (arrow phase)	1974
19750075965	Development of high-speed analog-to-digital data converter for converting analog signals into 6 bit words at a rate of 200 mega-words-per-second	1974
19750075966	Brittle materials design, high temperature gas turbine	1974
19750075967	Wind tunnel facility equipment and test capabilities at the Air Force Armament Laboratory	1974
19750075968	New developments in the area of deformed magnesium alloys	1974
19750075969	New high strength steels	1974
19750075970	Solid propellants with pulsatory characteristics	1974
19750075971	Transonic wind tunnel testing of a low induced drag lifting system. Volume 1: Test definition and analysis	1974
19750075972	Documentary film catalog, revision 2	1974
19750075973	Radar reflectivity measurements of MQM-74C (CHUKAR) target	1974
19750075974	A study of the interaction of a positive corona with selenium coatings relevant to the IFAX printing process	1974
19750075975	T-39 battery system investigation	1974
19750075976	OWEX plan for NUC tower measurements 1974	1974
19750075977	Program for calculating Mie scattering for spheres, using Kerker's formulation, over a specified particle size distribution	1974
19750075978	Synthesis of new semi-organic polymers	1974
19750075979	Manufacturing methods and technology for closed cycle cryogenic coolers	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075980	Manufacturing methods and technology for closed cycle cryogenic coolers	1974
19750075981	Manufacturing methods and technology for closed cycle cryogenic coolers	1974
19750075983	Low cost manufacturing using advanced composite broadgoods	1974
19750075984	Solid propellant binder	1974
19750075985	Air-Breathing missile fuel development	1974
19750075986	Feasibility flight test demonstration of modular guided glide bomb/distance measuring equipment weapon system	1974
19750075990	Radiometric calibrator system	1974
19750075991	P. E. M. for automation of production for multialkali photocathode processing	1974
19750075992	Least-squares interpolation in Photogrammetry	1974
19750075993	Current problems of dynamic satellite geodesy	1974
19750075995	Development test 2 of video technical control center AN/TSQ-85 and asynchronous digital combiner TD-976()/G with pulse form restorer TD-982()/G	1974
19750075998	Gunfire effectiveness and environmental suitability of void filler materials	1974
19750076000	Manufacturing methods and technology for a four stage thermoelectric cooler	1974
19750076001	Design of the computation and processing unit for the survivable metal-oxide-semiconductor array computer. Volume 1: Non-Proprietary information	1974
19750076002	Design of the computation and processing unit for the survivable metal-oxide-semiconductor array computer. Volume 2: Proprietary information portion of the computation and processing unit specifications	1974
19750076004	New construction of the frame bed of a hydraulic press	1974
19750076005	Digital conferencing units	1974
19750076008	The investigation of wafer nozzles for DF chemical lasers	1974
19750076011	Kunsan AB special TACAN evaluation report, Kunsan AB, Korea, 4-17 Jun 1974	1974
19750076012	RDA ruby laser frequency doubler system	1974
19750076013	Fundamental investigation of the interior ballistics of guns	1974
19750076014	Submarine cable amplifier	1974
19750076015	Temperature microstructure of the ocean near the deep sound channel axis	1974
19750076016	DOD Space Transportation System(STS) payload interface study, FY 74 extension	1974
19750076017	RASSR extension low-cost module development	1974
19750076018	Evaluation of precured sealant tapes for corrosion protection of aircraft fastener pattern areas	1974
19750076019	Prototype laser tracking system mounted on AN/MPS-36 radar for the HITVAL program, April - May 1974	1974
19750076020	Evaluation of the AN/AQS-13B mission analyzer	1974
19750076021	Tracking with the vertical plane of an aircraft	1974
19750076023	Correlator system for data reduction	1974
19750076026	Terminal homing engineering tests initial qualification and design efforts T6 missile with AH-1G helicopter	1974
19750076027	Terminal homing engineering flight test M7 missile with army laser seeker	1974
19750076028	Ground surveillance radar set AN/PPS-15	1974
19750076029	Investigation of laser radar cross section analyses	1974
19750076030	F-8H/J/K flameout/precautionary approach and landing evaluation	1974
19750076031	Investigation of TA-4 canopy material failures	1974
19750076033	Flammability and toxic-gas production of urethane foams used in anechoic chambers	1974
19750076034	Scattering by dielectric and conducting dipoles with circular and rectangular cross sections	1974
19750076035	The improved JCVS	1974
19750076036	The irradiation of special coated particles designed to test stress-Model calculated predictions, Dragon Met. 4 experiment. Part 3. Coating characterisation and selection of the particles used for the irradiation	1974
19750076037	TROUKA: A Counterflow Heat Exchanger Transient Code	1974
19750076038	Sorption and diffusion of cesium in some nuclear graphites	1974
19750076039	Irradiation embrittlement of a nickel base precipitation hardening alloy: Nimonic PE16	1974
19750076040	Reaction rate of tantalum in DFR	1974
19750076041	Fatigue crack growth in a type 316 stainless steel and a 20 percent Cr/25 percent Bi/Nb stainless steel at elevated temperature	1974
19750076049	Mechanical properties test data for structural materials	1974
19750076050	Fuels and materials development program	1974
19750076058	Sodium technology program. Friction, wear, and self-welding	1974
19750076059	Sodium technology program component materials compatibility	1974
19750076060	Basis for Fe-Cr-Ni experimental alloy development program for LMFB	1974
19750076061	Investigation of atmospheric temperature differential power generation	1974
19750076065	Applied nuclear data research and development	1974
19750076070	Research and development semiannual progress report, September - December 1973 and January - February 1974	1974
19750076071	Fatigue testing of isotropic gilsocarbon graphite	1974
19750076072	Strapdown attitude reference system errors due to gyro output errors, gyro triad non-orthogonality, and gyro triad misalignment	1974
19750076074	Comparison of the dimensional changes in irradiated fast reactor fuel and structural alloys	1974
19750076075	A concept for a miniature gas chromatograph	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076076	Testing of liquid sodium film thickness measurement system using variable reluctance proximity transducers	1974
19750076078	The H3 transient overpower failure threshold experiment	1974
19750076079	Fatigue-crack propagation behavior of FTR outlet piping material at 1000 degrees F	1974
19750076080	Evaluation of the first-order power distribution and control worth influence function approach	1974
19750076081	HEDL quarterly technical report, April, May, June 1974. Volume 3: Reactor and safety engineering	1974
19750076083	Flat multiconductor cable design guide	1974
19750076084	Formulation of the nearcharacteristic method for multidimensional fluid-hammer problems	1974
19750076085	Acoustic waveguide designs for smooth transfer functions	1974
19750076086	Dynamic response of a linear elastic/linear strain, hardening thin ring	1974
19750076087	Survey of permanent magnet materials for flowmeters in sodium above 1000 degrees F	1974
19750076088	Sodium film motion model of SAS3A	1974
19750076089	Progress report to NEANDC and INDC from Austria, July 1974	1974
19750076090	Investigation of phase-space interchange through quadrupole rotation in the MPS branch of the MESB	1974
19750076091	Time of flight trigger system for the MPS	1974
19750076097	Sodium technology program: Friction, wear, and self welding	1974
19750076098	Stress-induced defect migration to spherical sinks	1974
19750076099	Guide for estimating thermal battery size	1974
19750076100	Absolute calorimetric measurements of electron energy deposition in semi-infinite geometry	1974
19750076101	Nonpermeating metal seals for ceramic spyrtrons	1974
19750076106	Laboratory flow test report on the transpiration-cooled nosetip (TCNT) coolant expulsion system	1974
19750076107	X-ray powder diffraction data for boron carbide: The position September 1974	1974
19750076109	Sodium technology and cover gas seal development programs	1974
19750076110	Fuels, materials, and control rod development programs	1974
19750076112	Condenser vapor trap for sodium service	1974
19750076113	Sodium technology program	1974
19750076116	Program GOULD	1974
19750076117	Sandia Laboratories Interactive Graphics System (SIGS) applications manual	1974
19750076118	Area 3 data reduction graphics system	1974
19750076119	Several methods for CDUX-unit impedance determinaion from a short-circuit current waveform	1974
19750076120	Performance test on regenerative heat exchanger of the sodium flow and heat transfer test loop. 2. Changes in flow resistance and heat transfer characteristics with time	1974
19750076121	Experiment to study the influence of HTR helium environments on the structure and mechanical properties of primary circuit materials	1974
19750076122	Estimation of surface energies with particular reference to nuclear ceramics	1974
19750076123	Comparative displacement dose rates for PFR and CFR	1974
19750076124	Direct derivation of the even parity neutron transport equation and the complementary variational principles basic to finite-element methods	1974
19750076125	Correlation of the wetting behaviour of sodium on nimonic PE16 with surface Q/Cr ratio determined by auger spectroscopy	1974
19750076126	Error files and the consistent method	1974
19750076127	Use of the Stacey algorithm to improve the elastic moderation cross section generation	1974
19750076128	Mass transfer in helical bank tubes: Subroutine HCOIL	1974
19750076130	B43 flight loads unit: An experimental investigation of captive flight loads on a bomb during external carriage on an aircraft	1974
19750076131	User's guide for thin materials	1974
19750076135	Mechanical properties test data for structural materials	1974
19750076137	Corrosion of type 304 stainless steel in sodium hydroxide	1974
19750076138	User's guide for VAPE machine coding	1974
19750076139	Location error analysis of five position-location techniques	1974
19750076140	TAOSS 1: A finite difference computer program for combined wave propagation and structural response in thick-walled shells of revolution	1974
19750076141	Using SAL (Sandia Artwork Language) for preparing printed wiring board layouts	1974
19750076142	Validation of high temperature design methods and criteria	1974
19750076143	Bypass flow orifice tests	1974
19750076145	Safety engineering	1974
19750076146	Sodium technology and cover gas seal development programs	1974
19750076147	Validation of high temperature design methods and criteria	1974
19750076148	Secondary beams control system software	1974
19750076149	Research program in elementary particle	1974
19750076150	Studies in applied solid mechanics (pressure vessels and piping system components)	1974
19750076151	Creep studies on type 304 stainless steel (heat 8043813) under constant and varying loads	1974
19750076152	DAVINCI users manual	1974
19750076153	Design and implementation of a demonstration supplementary control system	1974
19750076155	Calorimetric measurement of dose-depth profiles for incident electrons	1974
19750076156	Post-test examination of Alco/BLH sodium-heated steam generator	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076158	Toorez Lagrangian rezoning code	1974
19750076159	HONDO: A finite element computer program for the large deformation dynamic response of axisymmetric solids	1974
19750076161	Characteristics of immersed ultrasonic probes with reference to their use in sodium for gas bubble detection	1974
19750076167	Video tape program catalog	1974
19750076168	Liquid Metal Engineering Center (LMEC)	1974
19750076169	CCTL Mark 2 and 2-A final examination	1974
19750076171	Software system for programming PROM's by microcomputer	1974
19750076173	Station set requirements document. Volume 82: Fire support	1974
19750076176	Station set requirements document. Volume 19: Orbiter Processing Facility (OPF)	1974
19750076177	Station set requirements document. Volume 20: Shuttle vehicle assembly and checkout	1974
19750076178	Station set requirements document. Volume 31: SRB processing and storage	1974
19750076179	Station set requirements document. Volume 22: Mobile launch platform	1974
19750076180	Station set requirements document. Volume 23: Launch pad	1974
19750076181	Station set requirements document. Volume 21: Hypergolic maintenance and checkout	1974
19750076182	Station set requirements document. Volume 81: Communications	1974
19750076183	Solid rocket booster recovery project plan	1974
19750076184	Station set requirements document. Volume 19, Revision 2: Orbiter Processing Facility (OPF)	1974
19750076190	Station set requirements document. Volume 17: Landing, book 1, Revision 2	1974
19750076191	Station set requirements document. Volume 22: Mobile Launch Platform (MLP)	1974
19750076192	Station set requirements documents. Volume 23: Launch pad	1974
19750076194	Station set requirements document. Volume 32: SRB retrieval and disassembly, preliminary 2	1974
19750076197	Station set requirements document. Volume 21, revision 1: Hypergolic maintenance and checkout	1974
19750076198	Station set requirements document. Volume 23: Launch pad	1974
19750076199	Station set requirements document. Volume 29: Space shuttle main engine maintenance, revision 1	1974
19750076202	Station set requirements document. Volume 19: Orbiter Processing Facility (OPF)	1974
19750076203	Station set requirements document. Volume 25: LRU maintenance facilities	1974
19750076205	Station set requirements document. Volume 23: Launch pad	1974
19750076206	Station set requirements document. Volume 17; book 1: Landing	1974
19750076207	Station set requirements document. Volume 20: Shuttle vehicle assembly and checkout	1974
19750076208	Station set requirements document	1974
19750076209	Launch processing system station set 84 requirements document, book 1	1974
19750076210	Launch processing system station set 84 requirements document, book 2, (part 1)	1974
19750076211	Launch processing system station set 84 requirements document, book 2, (part 2)	1974
19750076213	Station set requirements document. Volume 22: Mobile launch platform	1974
19750076222	Low speed wind tunnel tests on an unswept wing of aspect ratio 7 with plain part-span trailing edge flaps	1974
19750076223	Estimation of the longitudinal aerodynamic derivatives of the Comet 3B from flight test data using an automatic model matching method	1974
19750076228	Station set requirements document. Volume 29: Space shuttle main engine maintenance, revision 2	1974
19750076229	UNIVAC DCT-9000 disc system mode 1, autodin terminal test procedures with dual homing	1974
19750076230	Ad hoc committee on RPV	1974
19750076231	Handboor of facilities and simulation models for evaluating Naval tactics	1974
19750076232	Development and evaluation of an improved self-aligning input shaft for the sundstrand 30AGD03 constant speed drive in the F-4J airplane	1974
19750076236	Technical progress report, 1 October 1973 - 30 September 1974	1974
19750076237	Technical progress report, 1 October 1973 - 30 - September 1974	1974
19750076238	Study of the emission properties of certain faces of tungsten, molybdenum and tantalum single crystals by thermionic emission and surface ionization of sodium and lithium	1974
19750076240	Manufacturing methods for low cost rare earth-cobalt magnets	1974
19750076241	Study of synoptic processes in the upper layers of the atmosphere (selected chapters)	1974
19750076242	Hydraulic resistance during the longitudinal passage of vapor-water flows around rod clusters	1974
19750076244	Mark 6 variance frequency processor	1974
19750076245	High detectivity photography	1974
19750076246	Austere Airborne Ranging and Sighting System (AARSS), March - July 1974	1974
19750076247	Small disturbance transonic flows about oscillating airfoils	1974
19750076249	TECHROLL (trade name) TVC for high performance air launched missiles	1974
19750076250	The cartography of French Guiana	1974
19750076251	C-5 radar altimeter cables and modified power supply assemblies	1974
19750076252	Thermally unstable polymers	1974
19750076253	Test of new and improved maps and map products (mappro), phase 2	1974
19750076254	Laser wavefront analyzer using frequency offset interferometry	1974
19750076255	An automated system for the optimization of wing pivot systems. Volume 2: User's manual	1974
19750076256	Consideration of atomic environment in the simulation of field ion images of samples containing defects	1974
19750076257	The shape of a laser fracture in polymethylmethacrylate	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076258	Color film tilting study	1974
19750076259	Special evaluation report, Shaw AFB ILS	1974
19750076260	Miller code recording of wideband analog signals	1974
19750076261	Development test 3 of generator set, 100-KW, 50/60-Hz, utility	1974
19750076262	Dynamic testing of the Philco-Ford/Aerojet SVM-6 NATO 3 SATCOM apogee kick motor S/N Q-1	1974
19750076267	Measurement of ballistic characteristics of combustion products of solid rocket fuels	1974
19750076268	Computer simulation of field ion images. Ideal crystals	1974
19750076269	Corrosion stability of a molybdenum single crystal in an inert gas mixture with oxygen, nitrogen, and acetylene impurities	1974
19750076270	Software requirements engineering methodology notebook	1974
19750076271	Production engineering measure for improved reliability of metallized polycarbonate and metallized polysulfone capacitors	1974
19750076272	Integrated preamplifier/multiplexer module development	1974
19750076273	An approximation to intensity distributions in holography	1974
19750076274	Influence of high temperature annealing on the structure and properties of molybdenum single crystals	1974
19750076275	Effect of temperature on the physicomechanical properties and structure of oriented tungsten single crystals	1974
19750076276	High temperature tests of refractory metals in a controlled inert gas flow	1974
19750076277	Experimental study of ablative material thermal degradation	1974
19750076278	An evaluation of the information system supporting the management of government-furnished aerospace equipment	1974
19750076279	A case study of the usefulness of the cost/schedule control system criteria C/SCSC	1974
19750076280	Laser cratering research technique	1974
19750076281	Evaluation of bendix DC brushless generator system	1974
19750076285	Study of the distribution of carbon in molybdenum upon alloying with iron, nickel, and palladium	1974
19750076286	Experimental study of heat exchange during the boiling of potassium under free motion conditions	1974
19750076287	Optical measurement of electron-impact excitation of helium, neon and krypton in the threshold region with high energy resolution	1974
19750076288	On the absorption of short acoustic waves in the air	1974
19750076295	K-band terminal simulator. Volume 2: Hardware/equipment descriptions	1974
19750076296	Chaparral rocket motor mark 50 Mod 0 vendor qualification test	1974
19750076297	Methodology investigation of high-intensity shock tube	1974
19750076298	Laser digest, Summer 1974	1974
19750076299	Computer assisted layout design for solid state switching circuits	1974
19750076300	Evaluation of static test methods for the basic mechanical properties of fiberglass reinforced plastics	1974
19750076301	Army aviators	1974
19750076302	Prototype hand held pulsed xenon-arc strobelight, June - August 1974	1974
19750076303	The basic principles of the construction of the system of software for the YeS EVM (SMO YeS)	1974
19750076304	Formation of nitric oxide in piston engines during spark and precombustion chamber-flame ignition	1974
19750076305	Mechanism of deformation and weakening processes during creep of molybdenum single crystals	1974
19750076306	Aeronautical analytical rework program. Coatings for cutting tools	1974
19750076307	Gas dynamic laser on the combustion products of nitro-compounds	1974
19750076308	Interconnection between thermal regime of the atmosphere and oceans and the role of the oceans in formation of anomalous circulation and weather, chapter 4	1974
19750076309	An adaptive tracking filter	1974
19750076310	Photogrammetric validation test	1974
19750076311	TOW support summary, FY74	1974
19750076312	Hewlett-Packard Model 3805A and 3800B laser distance meters (infrared), September 1974	1974
19750076313	Feasibility test of Vulcan Automatic Tracking Air Defense System, volume 1	1974
19750076316	Nuclear engineering evaluation of Photon coupled services	1974
19750076318	Air pressure transducer evaluation	1974
19750076319	Effects of fuel additives on the performance of filter separators	1974
19750076320	Development test 2 (engineering phase) of night vision sight, crew served weapons, AN/TVS-5	1974
19750076321	Compatibility test of the universal air foil on the F-4	1974
19750076324	Digital signal processing	1974
19750076325	SAM-D engineering development status. Volume 2: Engineering/operations	1974
19750076326	Possibilities of script placing with automatic photo composing machines	1974
19750076327	ALCDATAL: A computer program for data handling and fatigue, life estimation for the NRC solid state, acceleration level counter	1974
19750076328	Features of the commutation properties of multilayer windings	1974
19750076329	RPV ground terminal antenna design	1974
19750076330	Static stability, drag, and pitch damping measurements on blunted cones and blunted nose-cylinder-flare models at transonic speeds	1974
19750076331	Improved dispersal techniques, phase 1	1974
19750076332	Improved dispersal techniques, phase 2	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076333	Hydrofoil size vs. operational requirements for patrol and surface surveillance missions	1974
19750076337	Correlation of gyrotheodolite measurements	1974
19750076339	An improved acoustically soft lining for a reverberant tank	1974
19750076340	Variational principles and zero-order approximation of the figure of the earth	1974
19750076341	Application of behavioral science information processing technology to I and W study design, procedures, and instruments	1974
19750076342	Hypersonic ice erosion simulation study	1974
19750076344	Precise positioning by satellite. Project GEOLE	1974
19750076349	Sections from materials in the rocket propellant industry	1974
19750076351	Automatic generation of graphs and the graph identification problem	1974
19750076352	On second order properties of stochastic dynamical systems with jumping operations	1974
19750076353	Research on structure and properties of tungsten-rhenium alloy monocrystals	1974
19750076354	A study on the sintered Si3N4-MgO system	1974
19750076355	Optical measurement of the electron-impact excitation of xenon and molecular nitrogen in the threshold region with high energy resolution	1974
19750076356	Effect of crystallographic orientation and substructure on the oxidation kinetics of refractory metals	1974
19750076357	COCO/AJ technology assessment	1974
19750076359	UFT pipeline scheduling model	1974
19750076364	Influence of thermocycling regimes on the stability of the structure of single crystals of tungsten 8 percent rhenium alloy	1974
19750076365	A description of the UTOPIST language	1974
19750076366	Western Union programmable terminal controller with UNIVAC data communications terminal 1000 category 3 operational and acceptance test	1974
19750076368	HPR computer exhibits at the Unified Computer Exhibition of Socialist Countries participating in unified systems development, Moscow, 5 May - 10 June 1973	1974
19750076369	Fuels for internal combustion engines	1974
19750076370	Flight test results of the YSH-2E helicopter	1974
19750076372	Evaluation of an improved reeling machine for the AN/AQS-13 sonar systems	1974
19750076374	Integrated NAV/SAT hybrid inertial (INHI) flight test	1974
19750076375	Aging and surveillance testing of a minuteman LGM-30B stage 3 motor at simulated pressure altitude motor S/N 0032017	1974
19750076376	Aerodynamic loads and separation characteristics from the f-4c for the MGGB MK-2 guided weapon at Mach numbers 0.7 to 1.3	1974
19750076377	A contribution to structure development through vapor deposited interference layers	1974
19750076378	Autostabilization of a gas diffusion flame jet	1974
19750076379	Oxidation of single crystal and polycrystalline ruthenium	1974
19750076380	Physico-mechanical properties of high strength non-magnetic steels of the 45 G14 N9F type	1974
19750076381	The enhancement of helicopter weapon control performance through navigation satellite inputs	1974
19750076382	Special analysis of net radios (SPANNER), Part 1-13, phase 1	1974
19750076384	Evaluation of runway distance markers	1974
19750076386	Sampling tests of one, type MS18045-44 nickel-cadmium battery, manufactured by Marathon Battery Company under contract N00383-73-C-4297	1974
19750076387	Least-squares interpolation in photogrammetry	1974
19750076388	The problem of broadcasting the time and time scales	1974
19750076389	Preprocessing of French laser observations from the ISAGEX program	1974
19750076390	The determination of tides in ocean areas of any shape by means of the boundary-value method	1974
19750076392	Cleaning and purging of external, removable fuel tanks	1974
19750076393	Test plan for land-based evaluation of turbine pump ejection system	1974
19750076395	Investigation of aircraft weapon temperatures and infrared radiation signatures, volume 1	1974
19750076396	Calculations of multiple-scattering effects on active optical sensors in cloud environments	1974
19750076397	The effect of stress ratio on the high-cycle fatigue resistance of Ti-6Al-4V alloy weldments	1974
19750076398	Simulated high pressure hydrogen service test of a nonwelded sector of HY-100 steel	1974
19750076399	Transportable electromagnetic pulse simulator (temps) acceptance test report	1974
19750076400	Development of an interim rocket launcher for the in-flight emergency escape system (IFES) for the AH-1G/J/Q cobra helicopter	1974
19750076401	Process for high-integrity castings	1974
19750076402	High efficiency linear SSB power amplifier	1974
19750076403	A broadband high frequency active antenna	1974
19750076404	Research and development of non-active surface NEA emitter	1974
19750076405	Nullscan system	1974
19750076406	Pump lamps for Nd:YAG lasers	1974
19750076407	Design and development of cryogenic turbo refrigerator systems, phase C	1974
19750076410	Development test 2 (service use phase, Arctic environment) of antenna group AN/TRA37()	1974
19750076411	TOW weapon system test program for TOW BB-287 (XO-2)/T battery assemblies returned from the field	1974
19750076413	Manufacturing methods and technology for universal detector dewar modules (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076414	Development of high hardness cast steel armor plate (U)	1974
19750076418	Development of B-52D lethal criteria and failure mode data (U)	1974
19750076421	Surveillance evaluation of Sparrow AIM-7E/E-2 rocket motors mark 52 mods 0, 1, and 2 (U)	1974
19750076424	The Middle East Study, 1977-1984 (MIDES 77-84) (U)	1974
19750076425	Characterization of petroleum products acquired from foreign sources (U)	1974
19750076431	A FORTRAN 4 program for computing degradation of performance resulting from displaced sensors in acoustic arrays (U)	1974
19750076433	Multilateration radar surveillance/strike system (MRS3) study. Volume 1: Executive summary (U)	1974
19750076443	Laser optical precursor study (U)	1974
19750076449	The C-130 aircraft infrared radiation suppression (U)	1974
19750076450	Integral rocket/ramjet component integration study. Volume 2: Final technical report for distributed admission burner concept study (U)	1974
19750076451	Microwave radiometer measurements of submarine launched ballistic missiles at 1.42 GHz (U)	1974
19750076452	Advanced concept Engine Exhaust Device (EED): Trade study (U)	1974
19750076453	AN/FPS-95 research and development program (final technical report, Mitre range and azimuth calibration) (U)	1974
19750076455	An evaluation of usaf high energy laser applications. Summary report (U)	1974
19750076456	An evaluation of USAF high energy laser applications. Appendix A: Weapon system descriptions (U)	1974
19750076457	An evaluation of USAF high energy laser applications. Appendix B: Device, tankage and expendables evaluation (U)	1974
19750076458	An evaluation of USAF high energy laser applications. Appendix C: Optical train evaluation (U)	1974
19750076459	An evaluation of USAF high energy laser applications. Appendix D: Fire control evaluation (U)	1974
19750076460	An evaluation of USAF high energy laser applications. Appendix E: Vehicle interface evaluation (U)	1974
19750076463	COMER receiver simulation tests (U)	1974
19750076464	Multilateration radar strike system effectiveness of weapons systems (U)	1974
19750076469	Evaluation against missile TV seeker: Maverick tests (U)	1974
19750076470	Molecular analysis of plume core infrared radiation (U)	1974
19750076471	An evaluation of USAF high energy laser applications. Appendix G: Acquisition cost evaluation (U)	1974
19750076472	An evaluation of USAF energy laser applications. Appendix H: Competing/complementary technology (U)	1974
19750076473	Preliminary tactics and procedures for employment of the E 2C aircraft. Secret supplement (U)	1974
19750076477	Surveillance aided intercept (U)	1974
19750076481	Evaluation of reflection hazards associated with Tri-Service Laser (TSL) (U)	1974
19750076484	DGRAPH: A 6600 graph plotting package for the vector general display	1974
19750076485	Operations Division progress report, 1 October to 31 December 1973	1974
19750076486	Maintaining a limited stockpile without spares or rebuild capability	1974
19750076487	Transducer development for Sled Launched Adaptive Parachute program (SLAP-TV)	1974
19750076488	User's manual for the CDC 6600 version of the SANDBLAST trajectory program	1974
19750076493	Mathematical models for the response of aerospace systems to high frequency electromagnetic environments	1974
19750076494	Physics evaluations and applications	1974
19750076496	Magnesium alloy solid electrolytic capacitors	1974
19750076497	HEDL quarterly technical report, January - March 1974. Volume 2: Reactor and safety engineering	1974
19750076498	HEDL quarterly technical report, October - December 1973. Volume 2: Reactor and safety Engineering	1974
19750076503	HEDL quarterly technical report, October, November, December 1973: Volume 3: Engineering and development	1974
19750076506	Co-60 gamma irradiation of polyarylene (Stilan/sup TM/) at temperatures up to 500 deg F	1974
19750076507	Progress report, 1 January - 31 March 1974	1974
19750076508	Development of miniature high-shock charge amplifiers for telemetry use	1974
19750076509	Progress report, 1 April - 30 June 1974	1974
19750076510	Chemistry and Materials Science Division progress report, 1 July - 30 September 1974	1974
19750076511	Applied Physics Division progress report, 1 July - 30 September 1974	1974
19750076512	Fuels and Materials Division Progress report, 1 July - 30 September 1974	1974
19750076514	Support analysis for EOS system definition studies	1974
19750076520	De Puy cast cutter	1974
19750076521	Production engineering measure for 18mm microchannel wafer image intensifier tube, appendix G	1974
19750076522	Installation considerations for a gas turbine powered electrical generation system in an RH-53D helicopter	1974
19750076523	Some characteristics of air launched tactical guided missiles	1974
19750076524	Mode 1 certification of USS FORRESTAL (CVA 59)	1974
19750076525	An evaluation of laser operations for the Field Evaluation of Designator Survivability (FEDS) study Fort Hood, Texas, Apr. - May 1974	1974
19750076526	Attack helicopter: Daylight offense USACDEC experiment 43.8 Volume 5: Air-to-ground target acquisition and hand-off	1974
19750076529	Probability of resolving N ships from radar observations	1974
19750076530	RADC experimental engineering site capabilities	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076533	AV-8A weapon system aircraft compatibility and flying qualities with the 300 gallon ferry tank and jettison characteristics of the 300 gallon ferry tank	1974
19750076534	Low profile cargo nets	1974
19750076536	The assault on the earth's interior continues	1974
19750076539	RF transformer, 570676 Raytheon Company, ESD	1974
19750076540	Test and evaluation of the Pako Pro 42 color print processor	1974
19750076541	Radiation effects on semiconductor devices	1974
19750076542	PLRS Program	1974
19750076543	Wind tunnel tests of a 1/15 scale YF-16 control-configured vehicle at Mach numbers from 0.6 to 1.2	1974
19750076544	An introduction to adaptive arrays	1974
19750076545	Qualification tests for aircraft lighting equipment (Grimes manufacturing company, P/N 30-0704-1, S/N 12, anticollision strobe light)	1974
19750076546	Flight test, evaluation and calibration of AIMS airborne ATRBS equipment in RF-4B airplane	1974
19750076547	Sundstrand dual mode turbine driven emergency power unit, product improvement	1974
19750076548	Global positioning system GPS. Part 1, volume B: User segment system analysis report	1974
19750076549	Global positioning system GPS. Part 1, volume A: Introduction and summary	1974
19750076550	Exploratory and advanced development programs	1974
19750076559	Cylindrical gas dynamic laser	1974
19750076560	Optimum value of characteristic u/c sub 0 for a turbine stage operating on moist steam	1974
19750076562	Probability that N ships in an ocean surveillance range azimuth cell occupy separate Doppler bins	1974
19750076563	Management-Oriented Plotter Systems (MOPS)	1974
19750076564	Basic circuit modules	1974
19750076565	Environmental specification in support of the defense satellite communications system	1974
19750076568	Development test 3 of Joint Service Interior Intrusion Detection System (J-SIIDS)	1974
19750076570	Monthly record. Meteorological observations in Canada, February 1974	1974
19750076572	Passive nosetip technology (PANT) program. Volume 5. Definition of shape change phenomenology from low temperature ablator experiments. Part 3: Shape change data correlation and analysis	1974
19750076573	Passive nosetip technology (PANT) program. Volume 7: Computer user's manual: Steady-state analysis of ablating nosetips (SAANT) program	1974
19750076574	Passive nosetip technology (PANT) program. Volume 8. Computer user's manual: Passive graphite ablating nosetip (PAGAN) program	1974
19750076576	Electro-optical systems version of the Ga-As laser weapon simulators used with the multiple integrated laser engagement and scoring system, September-October 1974	1974
19750076577	Evaluation of Environmental Impact of noise from rotary-wing aircraft operations	1974
19750076579	Maverick simulation development	1974
19750076580	Development and evaluation of a two-stage, high altitude, container airdrop system	1974
19750076581	Skynet 2B communications satellite initial launch and orbital status report	1974
19750076582	Aerodynamic study of turrets on fighter aircraft. Volume 2: Wind tunnel test and data report	1974
19750076583	Investigation of creep mechanisms and development of creep resistant beryllium	1974
19750076584	Study of Kevlar 49 tension members	1974
19750076585	Methodology investigation on a mission profile for air conditioner testing	1974
19750076586	Remotely activated stores system exploratory development, phase 9. Design and testing of wide angle X-ray generator preparation of summary report (U)	1974
19750076588	Sea tests of the CAINS (Carrier Aircraft Inertial Navigational System) rapid reaction capability (U)	1974
19750076590	Air Defense Suppression Missile (ADSM) (U)	1974
19750076595	Radar point - contrast guidance system (U)	1974
19750076597	Forward looking infrared system calibration test results for the research aircraft visual environment RAVE 2 program (U)	1974
19750076598	Evaluation of the USAF/Honeywell TV-FLIR (U)	1974
19750076599	Altitude performance of the F101-GE-100 turbofan engine PFRT engine S/N 470013/1 (U)	1974
19750076600	Artificial icing tests AH-1Q helicopter (U)	1974
19750076601	AN/VSS-3 prototype pulsed Xenon-ARC strobelight, March - June 1974 (U)	1974
19750076602	Government lot acceptance test of sidewinder AIM-9H missile MK18 mod 3 guidance and control lots 1, 2, and 3 (U)	1974
19750076604	Report on SEEK BUS portion of the AWACS brassboard operational test in Europe (U)	1974
19750076605	Altitude development of the F100-PW-100 turbofan engine. Phase 7: Fan, augments, and control system performance development and engine performance comparison to specification engines S/N FX207-14 and FX215-13 (U)	1974
19750076608	Establishment of manufacturing methods for the production of PCDE at the pilot plant scale (U)	1974
19750076610	I-spy-a gun launched surveillance system (U)	1974
19750076611	Energy transfer suppression (U)	1974
19750076613	Remotely piloted vehicle RPV feasibility demonstration (U)	1974
19750076614	F-14 attack missions enhancement study (U)	1974
19750076615	Semitransparent 3-5 photocathode materials (U)	1974
19750076616	The hybrid/hardware simulation of the Sparrow 3 AIM-7F missile, volume 2 (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076617	The Hybrid/hardware simulation of the Sparrow 3 AIM-7F missile, volume 1 (U)	1974
19750076618	Rocket motor Mark 39 Mod 4 type-life program (U)	1974
19750076619	A summary of SAM-D sensor simulation support for FY74 (U)	1974
19750076620	Electronic Visual Communications (EVC) development (U)	1974
19750076621	A model for OSIS processing of multisource ocean surveillance reports (U)	1974
19750076622	Preliminary tactics and procedures for employment of the E-2C aircraft (U)	1974
19750076623	Radar station evaluation, 603 Tactical Control Squadron, Sembach Air Base, Germany (U)	1974
19750076624	Digital adaptive loop system (U)	1974
19750076626	RF amplifier and band reject filter of AN/SLR-12-B/C (U)	1974
19750076629	AS-11/B-1 program update study (U)	1974
19750076630	Closed-cycle fluid supply system (U)	1974
19750076632	Prototype countersurveillance advanced development of simulation devices (U)	1974
19750076634	Continued results concerning the improvements realizable through the use of variable thrust together with engine gimbaling for a particular interceptor missile (U)	1974
19750076637	Manufacturing methods and technology: 8 to 14-micron (Hg, Cd) Te array modules (U)	1974
19750076638	Evaluation of personnel and training requirements for the C-9B aircraft (U)	1974
19750076639	Semitransparent 3-5 photocathode materials (U)	1974
19750076640	Development of third-generation image-tube technology (U)	1974
19750076642	Investigation of target enhancement techniques (U)	1974
19750076643	Investigation of precompression devices for downward turning inlets (U)	1974
19750076644	Propulsion review. Part 4: Airbreathing propulsion research and development (U)	1974
19750076645	Operational evaluation of the AN/AWG-10A (U)	1974
19750076646	Reliability determination test report for Sparrow 3, AIM-7F-4 6000 hour standby MTBF and 6000 hour operational MTBF (U)	1974
19750076647	Concept design and effectiveness analysis for Selected Effects Armament Subsystem (SEAS) (U)	1974
19750076648	Test and evaluation of the Navy modified AN/ALE-38 chaff dispenser system (U)	1974
19750076649	A review of selected elements of the FY 74 programs on Test and Evaluation of Aircraft Survivability (TEAS) (U)	1974
19750076650	Development test 2 (service phase) of air defense command and control system AN/TSQ-73 (U)	1974
19750076653	Manufacturing processes for advanced heatshield fabrication (U)	1974
19750076654	Effects of acquisition parameters on interpretability of infrared imagery (U)	1974
19750076655	Digital simulation of improved HAWK missile (U)	1974
19750076658	Propellant formulation optimization (U)	1974
19750076659	High energy laser program (U)	1974
19750076663	The shock and vibration bulletin (U)	1974
19750076664	ERAPS power source engineering (U)	1974
19750076665	Design of a DIFAR demultiplexer (U)	1974
19750076673	Sea control ship V/STOL aircraft radar requirements. Volume 2. V/STOL radar requirements (U)	1974
19750076676	Multilateration radar surveillance/strike system (MRS3) study. Volume 2: Appendices A-H (U)	1974
19750076678	COMPASS GHOST: Acquisition OCM, visual radiation source (U)	1974
19750076690	Multilateration radar surveillance/strike system (MRS3) study. Volume 3: Appendices I-S (U)	1974
19750076692	Navy ultraviolet warning receiver (U)	1974
19750076694	Phased-array jamming study (U)	1974
19750076701	Decision making at DA/DOD level (U)	1974
19750076703	Follow-on evaluation of the ALE-38 chaff dispenser, phase 2 OT and E (U)	1974
19750076707	A parametric evaluation of a spectrum of alternate SAM-D warheads against the AS-Z-9 air to surface missiles (U)	1974
19750076712	SH-3 infrared survivability/vulnerability analysis and suppression design study (U)	1974
19750076714	Passive Active Phased Array Seeker (PAPAS) linear array demonstration (U)	1974
19750076715	Comparative electromagnetic compatibility analysis of AN/TPQ-37 artillery locating radar (U)	1974
19750076721	Multipath processing techniques (U)	1974
19750076726	Air Force Systems Command technology needs originated by Air Force laboratories (U)	1974
19750076734	Required operational capability, low cost expendable harassment vehicle (U)	1974
19750076738	Safeguard communications agency EMP effects analysis and test program. Volume 3. SAFTCS equipment/subsystem EMP susceptibility (U)	1974
19750076739	Significance of the F-14 to fleet defense (U)	1974
19750076742	Pershing 1A automatic reference system/sequential launch adapter ARS/SLA product improvement program operational test 2 report (U)	1974
19750076746	Safeguard communications agency EMP effects analysis and test program. Volume 4: SAFTCS equipment/subsystem EMP susceptibility (appendices), (U)	1974
19750076766	Vulnerability of a missile to laser radiation with regard to structural failure (U)	1974
19750076769	System definition of the sensor, data link, and surface terminal requirements for the Tactical Airborne Signal Exploitation System (TASES) (U)	1974
19750076770	The tactical air control system, tactical air defense system. A description and analysis (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076771	Tactical Air Defense Evaluation study (TAD-E), subtask 6: Analysis of SHORAD weapon systems command and control alternatives (U)	1974
19750076779	FAC flare evaluation program (U)	1974
19750076780	Aircrew protection from nonnuclear warheads (U)	1974
19750076785	FB-111/SRAM OT and E (U)	1974
19750076787	F-4 combat damage incident analysis (U)	1974
19750076793	Pave rock EMC test (U)	1974
19750076794	A pointing and tracking algorithm for an airborne telescope pointing system (U)	1974
19750076799	Probability of detecting ships with an OTH radar system (U)	1974
19750076800	Dual mode injected-beam J-band crossed-field amplifier (U)	1974
19750076804	Comparison of RPV'S and aircraft with standoff weapons (U)	1974
19750076806	Development of a Hertzian oscillator jamming approach (U)	1974
19750076812	Product improvement test (service phase) of Chaparral 1 (U)	1974
19750076816	Cost analysis of an OTH radar system (U)	1974
19750076820	Safety engineering	1974
19750076822	Three-axis platform development	1974
19750076823	How two heart pacemakers or their fuel capsules, react under cremation conditions	1974
19750076824	PT4005 testing methods	1974
19750076825	Model DX velocity gage investigation initiated as a result of data discrepancies in round robin	1974
19750076826	HEDL quarterly technical report, October, November, December 1973. Volume 1: Materials technology	1974
19750076827	Annual report, April 1972 - December 1973	1974
19750076831	Evaluation of nuclear energy centers	1974
19750076832	Instrumentation development	1974
19750076833	Reports distributed by the scientific document distribution office	1974
19750076834	Progress report, 1 April - 30 June 1974	1974
19750076835	Progress Report, 1 January - 31 March 1974	1974
19750076836	Fuels, materials, and control rod development program	1974
19750076837	Fuels, materials and control rod development programs	1974
19750076838	Sodium technology and cover gas seal development programs	1974
19750076927	Development and evaluation of an emission controlled turbocharged L-141 Texaco controlled-combustion system engine in an M-151 vehicle	1974
19750076930	Design and development modem, digital data, AN/USC-26	1974
19750076931	Naval operations in Southeast Asia 1964-1973, bibliography	1974
19750076932	The aerodynamic characteristics of the M198 (duplex) projectile used in the M-14 rifle	1974
19750076933	Methods used to harness the information explosion	1974
19750076934	Gunfire tests of F-15 no. 1 fuel tank explosion suppression foam configuration	1974
19750076935	MLA-1 miniloop antenna: A technical evaluation	1974
19750076936	Sonobuoy environmental test program	1974
19750076939	Manufacturing methods for single crystal garnet substrates	1974
19750076940	Aerodynamic force measurements on a star-cross-section reentry vehicle	1974
19750076941	Technical evaluations of AN/ARN-99 (XN-2) and CMA-719 omega navigation sets in P-3A and P-3B airplanes. Third interim report on production improvement of P-3C software/hardware	1974
19750076942	Limited Navy flying qualities and performance evaluation of the A-7 E/TRAM POD configuration	1974
19750076943	Increasing the accuracy of determining the gravity terrain correction for near zones	1974
19750076944	The reproduction of tidally produced motion processes in the world ocean by means of the hydrodynamic-numerical procedure	1974
19750076945	Supersonic electrically excited laser development	1974
19750076946	A general three degree of freedom point mass missile trajectory simulation program	1974
19750076947	PEM for automation of production for multialkali photocathode processing	1974
19750076948	Exploratory development of heat resistant and nonflammable fibrous materials	1974
19750076949	Static stability and control effectiveness of the modular guided glide bomb II/SUU-54 at transonic Mach numbers	1974
19750076950	Weapon Environmental Measuring Acquisition System (WEMAS)	1974
19750076951	Navy infrared imaging technology	1974
19750076957	Summary of three aging and surveillance tests of the Minuteman LGM-30F stage 3 motor at simulated pressure altitude	1974
19750076960	Harmonics of network current of the multiphase inverter of an MHD generator	1974
19750076961	Complete airframe fatigue test	1974
19750076963	Evaluation of Navy CWU-42/P summer flying coverall	1974
19750076964	Investigation of the stability of frontal turbulent combustion in a chamber	1974
19750076967	Computer model for laser semi-active terminal homing	1974
19750076968	Optical Data Input Device (ODID) evaluation unit	1974
19750076970	UFT Course/Class program	1974
19750076971	UFT Pipeline Extract program	1974
19750076972	Development test 2 (service phase) of goggles, sun, wind, and dust	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750076973	Initial production test of automatic direction finder AN/ARN-89 A	1974
19750076974	Airborne equipment test methodology	1974
19750076975	Development test 2 (service phase) of night vision sight, crew served weapons (second generation)	1974
19750076976	Communications technology: The impact on command and control combat readiness, and commanding officers	1974
19750076977	Evaluation of a fire-resistant hydraulic fluid, Part 2	1974
19750076978	Control and monitoring of a SEEK BUS net. Volume 1. Near-term solution	1974
19750076979	Radio subsystem interfaces	1974
19750076980	Programmable Indicator Display Processor (PIDP) computer requirements study	1974
19750076981	Computer optimization of transducer array patterns (COTAP)	1974
19750076982	Interand target annotation system	1974
19750076984	Integrated solid state microwave sources	1974
19750076985	Determination of some of the thermal characteristics of waxes using the differential scanning calorimeter	1974
19750076986	A/T-37 rudder flight test program ground vibration test phase results	1974
19750076987	Prediction of acoustic detectability	1974
19750076988	Wind tunnel test results for the Boeing production model conformal carriage	1974
19750076989	Navy evaluation of automatic hover coupler in UH-1N helicopter	1974
19750076990	High data rate modulator techniques	1974
19750076991	Stress analysis of an ASROC launcher for the case of shock loading	1974
19750076992	Navy communications	1974
19750076993	Signal detection techniques	1974
19750076994	Precursor smoke formulations	1974
19750076995	Production engineering measures for packages for microwave integrated circuits. Part 1: Manufacturing procedures	1974
19750076996	Feasibility of high-pressure hydrazine gas generator	1974
19750076997	Investigation of all-titanium diffusion bonded honeycomb sandwich panel material for airframe structural applications	1974
19750076998	Dual mode TWT design studies	1974
19750076999	Optical matched filtering for missile guidance	1974
19750077000	The development of flame pumped atomic lasers	1974
19750077002	Development of a dual channel fluidic programmer and an automatic presetter	1974
19750077003	Global positioning system GPS, part 1. Volume C: Control segment systems analysis report	1974
19750077004	Hydrocarbon combustion kinetics. 2: Shock tube studies	1974
19750077005	Application of advanced weapons to air base defense, volume 3, book 2: Subsystem engineering appendices	1974
19750077006	Manufacturing methods and technology for bubble memory storage element fabrication for computers	1974
19750077009	The directional accuracy of narrowband detector arrays: The additive noise case	1974
19750077012	Infrared imaging in snow and fog	1974
19750077014	Single-frequency refraction-free satellite navigation	1974
19750077015	PAMS airborne instrumentation	1974
19750077017	Flight test, evaluation and calibration of AIMS airborne ATRCBS equipment in the model US-2C airplane	1974
19750077019	Isothermal forging of reliable structural forgings	1974
19750077020	Advanced metallic air vehicle structure program. Phase 2: Detail and analysis summary report	1974
19750077021	Applied science division progress report, 1 July - 30 September 1974	1974
19750077022	Mechanical properties test data for structural materials	1974
19750077023	Instruction manual for the operation and maintenance of optic probe model P1	1974
19750077025	Water-resistant greases for submerged sliding-contact surfaces	1974
19750077026	AH-1 COBRA escape automatic lap belt assembly	1974
19750077028	Transmitting antenna radiation characteristics for North Dakota omega	1974
19750077029	Production engineering measure for automation of multialkali photocathode processing	1974
19750077030	Engineer design test of multipurpose silicone rubber cup	1974
19750077031	Discrete signal Moving Target Indicator (MTI)	1974
19750077032	Evaluation of environmental profiles for reliability demonstration	1974
19750077033	High Altitude Supersonic Target (HAST) KJ-4 guidance and control system analysis	1974
19750077034	Operational test and evaluation of the improved TDU-9B tow target	1974
19750077035	Evaluation of the AN/ARA-63 system installation in the F-4B, F-4J and RF-4B aircraft	1974
19750077036	Adhesively bonded multi-layer F-104 AFT fuselage ring fitting	1974
19750077037	Studies of field assisted photocathodes for 1 to 2 microns	1974
19750077038	Station-Keeping Equipment (SKE) frequency interference	1974
19750077039	A-7 external fuel tank envelope expansion	1974
19750077040	P-3B ASW/NAV modernization program	1974
19750077041	Preparation and evaluation of new organic chelate sorbents	1974
19750077042	Air-to-ground target acquisition source book: A review of the literature	1974
19750077043	ADP oriented modular panel display (solid state)	1974
19750077044	Gas adsorption by activated and impregnated carbons	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077045	The 100 GHz RCS measurement and diagnostic imaging facility capabilities	1974
19750077046	The development of a low-Z strain gage	1974
19750077047	Forecasting ground target speeds	1974
19750077048	SGBO type contactless synchronous generator	1974
19750077050	Probability of the loss of communications in the transfer of information from a controlling digital computer into data-transmission system	1974
19750077051	Material response technology on the Physics International mylar line	1974
19750077052	Components parts assembly with joints adhesive-mechanical. Part 2: Weld-bond design allowables	1974
19750077053	Computer techniques for advanced inertial systems	1974
19750077054	Operational evaluation of the Mk 3 MOD o cutting torch, EOD	1974
19750077055	Engineering evaluation of AMF electrosystems Division P/N ASH 419-1, 1000 VA, single phase, static inverter	1974
19750077056	In place and on site calibration of pressure instruments in oxygen gas systems (other than gas generating plants)	1974
19750077057	Performance evaluation of the SH-2F helicopter with T58-8f, T58-10, T58-16, and growth T58 engines	1974
19750077058	Reduction and stability of multivariable models	1974
19750077060	Advanced reentry missile heat shield missile materials. Part 3: High strain/strength fiber multidirectional reinforced thermally stable matrix composites	1974
19750077061	Supersonic test of fuze turbine power supplies	1974
19750077062	Jettison test of the AAQ-8(QRC-73-05) infrared countermeasure pod from F-4 aircraft	1974
19750077063	A system for topographic inquiry. Number 1: Micrographic subsystem	1974
19750077064	Parametric evaluation of total pressure loss and recirculation-zone length in a sudden-expansion combustor	1974
19750077069	Data analysis of bag/cushion heave forces and pitch moments acting on a 10-ton SEV while crossing isolated obstacles	1974
19750077070	Transpiration cooled nosetip erosion. Part 2. Numerical simulations of hypervelocity rain droplet impact	1974
19750077071	Stereo display for target acquisition and identification	1974
19750077072	Westinghouse AN/GPS-12 operations central amd an/grc-192 communications central	1974
19750077073	Development test 2, air transport and airdrop of projectile, 155-MM, GB2, XM687	1974
19750077074	GMLS MK 25 MOD 1 structural firing test aboard the USS Mount Whitney LCC-20	1974
19750077075	Phase front homing	1974
19750077076	Aerodynamic heating test of aircraft racks and pylons	1974
19750077078	Production engineering measure for multi-electrode crystals, 30 to 70 MHZ. Type CR-(XM-72)/V and CR-(XM-73)/U	1974
19750077079	Production engineering measure for low radiant power infrared sources	1974
19750077080	EC-130Q40/50 KVA electric system test and evaluation	1974
19750077081	Adapter kit, AERO 1-C, AERO 1-D external fuel tank, AV-8A aircraft	1974
19750077082	Physiological effects of overcooling in exercising subjects wearing a liquid-conditioning garment	1974
19750077090	Production engineering measure for automation of multialkali photocathode processing	1974
19750077091	The 162MM aperture image amplifier tube	1974
19750077093	Thin walled armor protection against radiation	1974
19750077094	Performance evaluation of the A-6E aircraft with the J52-P-8A, JTF22-A-2, TF41-A-2, and TF30-P-8 engines	1974
19750077095	Engineering evaluation of lithium D type battery cells for the AN/PRT-5 radio transmitting set	1974
19750077096	Materials and approaches for improved stress corrosion inhibitive coatings, part 3	1974
19750077097	Heating augmentation phenomenology studies	1974
19750077100	Theoretical and experimental analyses of a Cannon Launched Guided Projectile (CLGP)	1974
19750077101	Spreading and wetting phenomena in four phase configurations. Part 2: Factors affecting stabilities	1974
19750077102	Spreading and wetting phenomema in four phase (liquid/liquid/substrate/vapour) configurations. Part 1: Basic considerations of static profiles	1974
19750077103	Liquid metal current collector development	1974
19750077104	Review of the application of Kevlar (trade name) fibers to composite structures	1974
19750077105	Fit, captive carriage and separation test of the cruise missile on the A-6 airplane	1974
19750077106	Evaluation of environmental impact of noise from rotary-wing aircraft operations, Los Alamitos Naval Air Station, Los Alamitos, California, 4-15 February 1974	1974
19750077109	Cnoidal waves over a gently sloping bottom	1974
19750077110	High energy pin backward scattering models and continuous moment sum rules	1974
19750077111	Analytical investigation of the combustion processes occurring in advanced nitramine-based propellants	1974
19750077112	Sonar transmission cable selection for long line use	1974
19750077113	Effect of variation in wavelength upon photon energy	1974
19750077114	C-5A flight control report (aerospace vehicle). Flight control subsystem, volume 1, addendum 4	1974
19750077115	Advanced V/STOL propeller technology. Volume 12: Advanced propeller manufacture and test	1974
19750077116	Review of the degradation effects program	1974
19750077117	MEDEX processing system. Volume 2: Software	1974
19750077118	Charge coupled device signal processors, volume 1	1974
19750077120	Bird strike hazard at the John F. Kennedy Space Center runway	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077121	SCATHA satellite	1974
19750077122	Galactic cosmic ray considerations	1974
19750077124	A-4/fiberglass aerial target (FIGAT) and RMU-8A tow reel compatibility tests	1974
19750077125	MS flareless connectors for repair of AV-8A (Harrier) hydraulic system tubing	1974
19750077127	Investigation on the accuracy of least-Squares interpolation	1974
19750077132	Novel block copolymers	1974
19750077133	Wind tunnel tests to determine the separation characteristics of several external stores from the F-15 aircraft at Mach numbers from 0.43 to 1.30	1974
19750077134	Infrared analysis of rubber	1974
19750077135	Methodology for night test operations	1974
19750077136	Development test 2 (service phase) of test set, transponder set AN/APM-305	1974
19750077138	Exploratory research on the development of a process filler wire system for joining HY-180 steel	1974
19750077141	The dynamic measurement of basic data of fluidics	1974
19750077146	High temperature resistant elastomers or compliant polymers, part 4	1974
19750077148	The use of fluidic and pneumatic elements to analyze composition of a gas mixture	1974
19750077149	Preliminary test and evaluation of free radical duplication film type PH-526	1974
19750077150	Methodology investigation of air conditioner testing failures versus field failures	1974
19750077151	Flight profiles data acquisition program	1974
19750077152	Deformation work and tool forces in an idealized rotary forge process	1974
19750077153	Treatment of plastic wastes: The plastic industry	1974
19750077154	Quality control analysis of SUS processing from ACODAC data	1974
19750077155	Higher level packaging study for AADC program	1974
19750077156	A 350 watt peak microwave pulsed power transistor	1974
19750077157	Effect of gravity model error on position determination for Whitecloud satellites	1974
19750077159	Black Brant rocket AKF-VI-03 launched at Churchill Research Range 22 31 CST, 22 April 1974. Operations requirement no. 7308. Auroral X-ray measurements below an aurora	1974
19750077160	Black Brant rocket AKF-VB-39 launched at Churchill Research Range 27 February 1974. Operations requirement number 7307. Measurements at the southern edge of a diffuse aurora	1974
19750077161	Black Brant rocket Add-II-128 launched at Churchill Research Range 2300 CST 21 February 1974. Operations requirement number 7306. Optical studies of the aurora	1974
19750077162	Black Brant rocket AAF-IVB-31 launched at Churchill Research Range at 2201 CST 13 February 1974. Operations requirement number 7305. Measurements at night during a quiet aurora	1974
19750077163	Middle north series, mixed company event, use of revetments for protection of vehicles and aircraft	1974
19750077164	A characterization study of several heat resistant explosives	1974
19750077165	Mechanical testing of ceramic rings	1974
19750077166	Applications of graphite fluoride	1974
19750077167	Manufacturing Methods and Technology measure (MMTE) fabrication of 18 mm image intensifier tubes by batch processing techniques	1974
19750077168	Development of a ballistic range calorimeter to study roughness effects on heat transfer	1974
19750077171	Test of 750 and 2,000 pound fuel air explosive items	1974
19750077174	Real-time error control in parallel architectures	1974
19750077175	Fluorocarbon ether bibenzoxazole polymers	1974
19750077176	EPR in selenium bombarded by fast electrons	1974
19750077177	Application of CAMAC for graphic data input into an electronic computer	1974
19750077178	Evaluation tests of a pneumatic valve positioner	1974
19750077179	Efficiency of a cadmium electrode in a silver cadmium battery with different degrees of charge	1974
19750077180	Optimum acceleration performance and storage battery voltage of an electric automobile viewed from the standpoint of the driving power energy	1974
19750077184	Millimeter wave system EMC study	1974
19750077185	Qualification of initiators, thrusters, removers, and catapults at 200 F	1974
19750077186	Compilation of air target vulnerability and effectiveness methodologies	1974
19750077187	Methodology investigation of air spring isolation of dynamic test equipment	1974
19750077188	Development test 2 (service phase) of emergency repair shelter for the CH-47 () helicopter during temperate climatic conditions	1974
19750077189	Development test 2 (engineering phase) of emergency repair shelter for CH-47 helicopter	1974
19750077193	Noise abatement with the Pilatus-Turbo-Porter	1974
19750077195	Micro-electrostatic gyroscope laboratory tests	1974
19750077196	Parachute altitude recognition system employing the AN/APQ-155 parachute deployment set	1974
19750077197	Optimal pursuit of regions of probable target location	1974
19750077198	A study of Airport Surface Traffic Control (ASTC) radars	1974
19750077199	Automatic target detector for a digital signal processor	1974
19750077200	Design and fabrication of the advanced Fuze Function Control Set (AFFCS)	1974
19750077201	Effects of waves on the infrared radiance of the ocean surface	1974
19750077207	Surveillance of Air Force held LR58-RM-4 bullpup engines	1974
19750077209	C-5 cargo compartment and flight deck toxic level environment	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077210	Test loading of specific Army items on C-130 aircraft	1974
19750077211	Manned target tracking tests of miniature remotely piloted vehicle target designation payload	1974
19750077212	Feasibility study of a universal functional electrical test system	1974
19750077213	EMP test and evaluation report of a TACAMO 4B aircraft. Appendix Q: Master label cards	1974
19750077214	Engineer design test of temperature controlled voltage regulation systems	1974
19750077215	Evaluation of ASW radar improvements	1974
19750077216	Temperature stable electroacoustic materials	1974
19750077217	USS Coral Sea ACLS recertification trials	1974
19750077218	Production engineering measure for multistage solid-state power amplifier (L-band)	1974
19750077219	Soft bond study, shielding and hardening study, task 1	1974
19750077220	Chemiluminescent smoke as a day/night marking device	1974
19750077221	Advanced transmission study for a 2000-ton SES. Part 2: Split-turbine study	1974
19750077222	The tank destroyer gunship, reflections after visiting the International Helicopter Forum (9th) on the 9th and 10th of July 1971 in Bueckeberg	1974
19750077224	Creep and swelling deformation in structural materials during fast-neutron irradiation	1974
19750077236	Electron microscope studies. Microscope development and biological application	1974
19750077238	Investigation of the genetic structure of populations	1974
19750077240	Optimal control of a glide vehicle to achieve maximum altitude or range	1974
19750077241	Transpiration-cooled nosetip (TCNT) environmental test program and results	1974
19750077242	Outline proposals for epic magnet power supplies	1974
19750077247	Theory of acoustic vibration in liquid-filled shells with distorted circular cylindrical shapes	1974
19750077248	Characterisation of cold work in M316 and FV548 stainless steel in terms of hardness and structure for fast reactor fuel applications	1974
19750077252	Metalorganic examination of base metal surface cracks in gas metal arc weldment 1-6-3 EB	1974
19750077253	Sodium technology and cover gas seal development	1974
19750077254	Development of durable long term radioactive waste composite materials	1974
19750077255	Interagency Mechanical Operations Group (IMOG) task group on metrication, 3D	1974
19750077256	Instrumentation development	1974
19750077257	Safety engineering (base development program)	1974
19750077258	Solid electrolyte materials	1974
19750077259	Validation of high temperature design methods and criteria	1974
19750077261	Mechanical properties test data for structural materials	1974
19750077262	Pipe stability investigations	1974
19750077263	Measurement of drag on cylinders by the free flight method: Event MIXED COMPANY	1974
19750077264	Development facilities	1974
19750077265	What will neutrino events in the 15 foot chamber at nal look like ?	1974
19750077266	The 1.4-micron photocathode	1974
19750077370	AN/UYSK-17(XB-1)V signal processing element architecture	1974
19750077371	Response of boron-aluminum composite materials to pulsed radiation heating	1974
19750077372	Millimeter wave system electromagnetic compatibility study	1974
19750077373	Smokeless motor technology demonstration	1974
19750077374	Feasibility demonstration of propellant dispersion munition	1974
19750077375	C-5 A wing box stress analysis, Volume 1	1974
19750077376	Optimizing thermoelectromotive force by coherent matching of carriers in film structures	1974
19750077378	An investigation of the processes in super-excitation of a synchronous generator with brushless excitation system	1974
19750077379	Complete fuselage fatigue test F 104 G cracks on the rear tank cover	1974
19750077381	A ferroelectric nuclear radiation detector	1974
19750077382	A survey of the vulnerability of contemporary semiconductor components to nuclear radiation	1974
19750077383	Evaluation of functional characteristics of phosphors used in the manufacture of radioluminous sources as potential quality assurance factors in military specifications	1974
19750077384	LUU-4/B flare	1974
19750077385	Cable and hook assembly (downed drone retrieval assembly)	1974
19750077386	C-5 fire suppression system	1974
19750077387	Beam quality measurement on the NTSL	1974
19750077388	Development of infrared reflective materials for fire fighting clothing	1974
19750077389	Aerospace research: Prospects for the future	1974
19750077390	Engineering evaluation of Teflon dry coatings on escapement module components of M5 interval timer	1974
19750077391	A comparison of the finite deformation shell codes REPSIL and PETROS 3	1974
19750077392	C-5A wing box stress analysis. Volume 3, book 1	1974
19750077393	C-5A wing box stress analysis. Volume 3, book 2	1974
19750077394	DOD STS ground operations study. Recommended concept, siting arrangement and acquisition plan. Technical data, book 2	1974
19750077395	Simulated air launch environment, volume 1	1974
19750077396	Interpreter cueing	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077398	Structural characteristics of AV-8A and TAV-8A aircraft structural description	1974
19750077399	Comparison of semi-empirical and AB initio molecular orbital studies of the nitric oxide dimer	1974
19750077401	Global positioning system GPS, part 2. Volume B: User segment trades and analyses	1974
19750077403	DESI(Digital End Speed Indicator) system, operation, maintenance and trouble shooting procedures	1974
19750077404	Numerical solution of the Navier-Stokes equations for a laterally ejected plume in a hypersonic stream	1974
19750077408	Millimeter-wave sources	1974
19750077409	Exploratory development leading to improved carbon-carbon composite materials	1974
19750077411	CVD developments	1974
19750077412	S-band, pulsed, power klystron amplifier	1974
19750077414	DIAOLS enhancements 2	1974
19750077415	Microwave data bus technology	1974
19750077416	Ceramic nose cap and leading edges for high performance weapon systems	1974
19750077417	Multiplexed microwave data communicator, phase 2	1974
19750077422	An adiabatic RF plugging scheme for a controlled fusion reactor	1974
19750077423	Dynamic characteristics of advanced filamentary composite structures. Volume 3: Demonstration component program	1974
19750077424	Low temperature zinc-silver oxide battery	1974
19750077425	Influence of an inert medium on the failure mechanism of tungsten in durability tests	1974
19750077426	The interaction of some oxide diffusion barriers with the matrix phase and the strengthening elements of fiber reinforced materials	1974
19750077427	Turbine engine loads simulator study	1974
19750077428	BDU-33/B fit compatibility tests	1974
19750077429	Arming wire clip (Dexter clip) for F-14A air-to-ground bomb rigging configuration	1974
19750077431	An evaluation of the proposed laser operations for the Human Engineering Laboratory Range Accuracy Test (HEL RAT) Fort Hood, Texas, October 1974	1974
19750077433	Electrical feasibility study of the BRU-11A/A bomb rack installation on the A-7 airplane	1974
19750077437	The basic principles of construction and the technical-economic characteristics of immediate-access and long-term storage of the unified computer system	1974
19750077438	Technical and operating characteristics of the peripheral gear of models of the unified computer system	1974
19750077441	Operational evaluation of the aircrew photochromic flashblindness protection system	1974
19750077442	Multiple life raft/inflation system IOT and E	1974
19750077444	Endothermic binders	1974
19750077445	Real time measuring procedure and measuring equipment for recording of the radiation patterns of aircraft antennas in flight	1974
19750077446	Dialogue in controlling CDC and BESM-6 computers	1974
19750077447	Wind tunnel tests of a wing with a blow-out system on the underside	1974
19750077448	Perforated silicone elastomer ablatives in ramjet combustors	1974
19750077449	HF chain reaction laser tests	1974
19750077451	Investigation of environmentally degradable materials	1974
19750077452	Manufacturing methods and technology measure for nickel-zinc secondary batteries	1974
19750077453	Augmentor combustion stability investigation	1974
19750077454	Requirements for a repeatable release catapult holdback bar	1974
19750077455	Preprototype approved pantograph with integrated laser rangefinder AN/GVS-5, June - July 1974	1974
19750077456	Reliability investigations of the MSC-80135 (MSC-1330A) and MSC-80135/a (MSC-1330B) microwave power transistors	1974
19750077457	Stress-corrosion crack growth in HY-130 weldments containing surface cracks	1974
19750077458	Performance simulation of a multiple-stage MTI and Doppler filter system	1974
19750077459	Development of Rockeye 2 cluster bomb thermal protection system	1974
19750077463	Study of a sidelobe interference reduction method for radar systems	1974
19750077466	Gasification and oil conversion of plastic wastes by thermal decomposition: General considerations	1974
19750077467	An isotropy of the characteristics of motion of medium-energy electrons in tungsten single crystals	1974
19750077468	AN/AAD-5 infrared reconnaissance set design approval test report	1974
19750077469	Survivability design guide for US Army aircraft nuclear hardening, volume 1	1974
19750077470	Error analysis for the RADC F-4 antenna test facility	1974
19750077471	Design and feasibility demonstration of a short range fuel-air explosive mine neutralization device	1974
19750077472	The carbon-carbon assessment program. An evaluation of candidate composite materials for reentry vehicle nosetips	1974
19750077473	Phases 2 and 3 of the product support program accelerated service test of the J57-P-420 engine	1974
19750077474	The problem of the permutation of components	1974
19750077475	System 621 B/timation 3, multipath/foilage effects, test instrumentation system	1974
19750077476	Advanced V/STOL propeller technology. Volume 14: Program summary report	1974
19750077477	Low cost manufacturing using advanced composite broadgoods	1974
19750077478	High-power, rechargeable, silver-zinc, pile-type battery for airborne applications	1974
19750077480	Theory of an electrostatic probe in a jet exhaust	1974
19750077481	Mechanics of erosion, phase 1	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077482	DART-A Monte Carlo code for atmospheric transport of X-rays and gamma-rays	1974
19750077484	Early Application Impact Sensor (EAIS), qualification and production phase	1974
19750077485	Suppression of impulsive noise in OTH-B radars	1974
19750077486	Methodology study aircraft electrical power	1974
19750077487	Methodology investigation on image enhancement in high speed photography	1974
19750077493	Metallurgical evaluation of the first vacuum-degassed and argon-oxygen-decarburized HY-130 steel castings	1974
19750077494	Carbon phenolic stress wave attenuation program	1974
19750077495	Electrically conductive coating materials, part 2	1974
19750077496	TACAMO Improvement Program (JIP) phase 1 engineering report	1974
19750077498	Silicon target return beam vidicon	1974
19750077499	The Army in the field container system study (AFCSS). Executive summary	1974
19750077502	EN-118 nonsilver printer/processor	1974
19750077503	The 1.06-micron image intensifier tube development	1974
19750077504	Feasibility test of vulcan automatic tracking air defense system, volume 2	1974
19750077505	AH-1J aircraft bomb rack compatibility with aviation armament change number 557	1974
19750077507	Process study of 81mm split ring obturator	1974
19750077510	Solid-state traveling wave amplifier	1974
19750077511	Inlet/aircraft drag investigation	1974
19750077512	A summary of aeronautical systems target models for vulnerability analysis	1974
19750077513	Distorted wave calculations for gaunt factors, cross sections, and rate coefficients of selected allowed, forbidden, and spin exchange transitions	1974
19750077514	Performance and design requirements for the seek bus system airborne relay	1974
19750077515	The impulsive load response of bonded ring and arc specimens, volume 2	1974
19750077517	Development of strain and temperature measurement techniques for use in combined thermal acoustic environment	1974
19750077518	Thermoelastic response of aluminum alloy beams and plates exposed to nuclear thermal environments	1974
19750077519	Mitigation of nuclear-induced radar effects at high altitudes. Volume 3: Planning	1974
19750077520	A proposed target acquisition and information model	1974
19750077521	BMDSCOM support EMP/RFI interface evaluation for USAEDH safeguard, tactical ground facilities hardness program - EMP. Volume 8: Collocated launch area penetration data, equipment data and analyses	1974
19750077523	Miniature precision detonator	1974
19750077524	Initial production test of plotting board, flash ranging, M18	1974
19750077525	Modifications to IDAGAM I	1974
19750077529	Thermoelastic material properties correlation for uranium/plutonium mixed oxides	1974
19750077530	Fuels, materials, and control rod development programs government fiscal year 1974	1974
19750077542	Integrated tactical navigation system community organization concept study	1974
19750077543	Composite box beam optimization. Volume 2: Increased structural efficiency of boron/aluminum	1974
19750077544	Adjustment of a concave grating at grazing incidence	1974
19750077545	C-5A wing box stress analysis, Volume 4	1974
19750077547	Methods for measurement of internal gyro noise	1974
19750077548	The Peters projection: A new and/or current projection of the earth	1974
19750077549	The optical Fourier transform and its formation by a magneto-optic spatial light modulator	1974
19750077550	Advanced inertial technologies, volume 2	1974
19750077551	T400-CP-400 engine starting and environmental tests	1974
19750077552	Evaluation of flareless type ring locked boss-adaptor fluid connection	1974
19750077555	Reevaluation of the bare base expandable personnel shelter (EXP)	1974
19750077556	Continuous wave radio frequency target generator for Sparrow 3 missiles	1974
19750077559	Effect of a cool launch Mark 56 blast test vehicle exhaust on a modified mark 3 MOD 0 jettisoning unit	1974
19750077561	The effects of material thermal swelling on agile gimbal nozzle actuation torque	1974
19750077562	Intrasymbol error rates for M-ary DPSK modulation with (25,16) coding and soft decision decoding	1974
19750077563	Integrated NAV/SAT inertial (INI) flight test	1974
19750077564	Production engineering measure for high voltage aluminum high-reliability electrolytic capacitors	1974
19750077566	Current data compilation on aircraft fire-kill methodology	1974
19750077567	Measurements of microwave forward scattering from the ocean L-band	1974
19750077568	Deployable data base development	1974
19750077569	C-5A wing box stress analysis, volume 2	1974
19750077570	Errors of integration in the variational equations for the simple-layer model in satellite Geodesy	1974
19750077572	Fundamental aspects of unconfined explosions	1974
19750077573	Phase 2 of the TF30-P-412A engine flight evaluation/component improvements tests in the F-14A airplane	1974
19750077574	Transportable airlift control element (TALCE)	1974
19750077575	Spall threshold and quasi-static uniaxial-strain hughoniot of a Niberlox grade of beryllium oxide	1974
19750077576	A computer model for aircraft PIP and ECP economic analysis	1974
19750077577	M577 automation equipment trigger/timer assembly machines	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077578	Research and development on ultra-lightweight low-loss optical fiber communication cable	1974
19750077580	Medium VTOL design evaluation	1974
19750077581	Analytical and experimental investigation of optimum fighter aircraft maneuvers	1974
19750077582	Frequency-distance guidelines for the Navy air traffic control communications-modernization program	1974
19750077583	High density lead-tin-telluride detector array	1974
19750077584	Fabrication process for aluminum composites	1974
19750077585	Semiconductor-insulator structures for the 1 to 2 micrometer region	1974
19750077586	Structural design of several components for fuel air explosive munitions	1974
19750077588	Development of basic cold cathode materials and fabrication of test diodes	1974
19750077589	Global positioning system GPS, part 2. Volume A: System trades and analyses	1974
19750077590	Effects of wind forecast error on nuclear fallout prediction	1974
19750077591	Polarization diversity array design	1974
19750077592	Application of advanced weapons to air base defense, volume 3, book 1: Subsystem engineering	1974
19750077593	Analog regulatory and remote control systems	1974
19750077594	Stress-corrosion cracking in HY-130/MIL-14018 welds	1974
19750077595	Effects of constant amplitude loading parameters on fatigue-crack growth in HY-130 steel	1974
19750077596	Installation and acceptance tests of the LAU-74/A semiautomatic flare launcher system in the KC-130F aircraft	1974
19750077597	Cobra AH-1 escape system development program documentation	1974
19750077598	Evaluation of crash position locator/flight data recorder for the E-2B airplane	1974
19750077600	An investigation of energy transfer in porous heat sinks and its engineering implications for underground nuclear testing	1974
19750077601	Electronic frequency modulation of magnetrons	1974
19750077604	Analytical models for the B-52H, EC-135A, and 747-200B aircraft: Volume 11: B-52H aircraft NOVA models	1974
19750077605	AH-1 COBRA in-flight escape system fuel cut-off valve operational tests	1974
19750077607	Final control law for formation flight of the model MQM-34D target drone	1974
19750077608	Air Launch Instrumented Vehicles Evaluation (ALIVE) program, technical report, phase 1, program 1	1974
19750077609	LSI signal processor for radar	1974
19750077610	Development test 2 (engineering phase) of military free fall parachute system	1974
19750077611	An automated FET test set	1974
19750077612	Airborne ground fire locator (IR)	1974
19750077613	Static stability, pressure, and heat transfer tests of the Servant configuration at Mach numbers 3 and 8	1974
19750077614	Methodology investigation. A study of snow classification systems	1974
19750077615	Advanced digital technology for missiles, phase 3	1974
19750077617	Optimum radar Doppler processors	1974
19750077618	Combination strobe-flashlight	1974
19750077619	Terrain following criteria	1974
19750077620	Field enhanced photo emission in the infrared	1974
19750077621	Correlation of ruby optical quality to Q-switched laser performance	1974
19750077622	Maps for panel displays	1974
19750077623	Design verification of the Wagner P/N 28VS50Y 50 ampere converter	1974
19750077624	Computer displays	1974
19750077628	Wideband dual polarized element for a phased array antenna	1974
19750077629	Development, fabrication, and test of pyroelectric vidicons and associated electronics	1974
19750077630	Production engineering measure multi-electrode crystals, 30 to 70 MHz. Type CR-(XM-72)/U and CR-(XM-73)/U	1974
19750077632	Adaptive two class classifier	1974
19750077634	Absorption-desorption compressor for spaceborne/airborne cryogenic refrigerations	1974
19750077635	Capabilities in infrared rapid scan spectroscopy with preliminary flare spectra	1974
19750077636	Multichannel signal conditioning unit	1974
19750077637	Preliminary application of a laser propagation model for the Sandia optical range	1974
19750077639	An information analysis centre for low intensity conflict. Part 2: Technical design of the information service	1974
19750077640	Long life elastomeric aircraft hydraulic seals	1974
19750077642	The principles of the design of combination circuits of digital automatic machines with a multivalent structural alphabet	1974
19750077643	Contact printing parameters	1974
19750077644	Modelling of optical IR backgrounds, volume 1	1974
19750077645	Exploratory development of new and improved self-sealing materials for fuel lines	1974
19750077646	Microwave Radiometric Seeker Subsystem (MRSS)	1974
19750077647	Closed loop systems concept study	1974
19750077648	Development of basic cold cathode materials and fabrication of test diodes	1974
19750077650	Batteries; overlooked components	1974
19750077653	Terminal defense program real-time control algorithm development	1974
19750077654	Army tactical display system	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077655	NUCROM: A model of rainout from nuclear clouds	1974
19750077657	A unifying interpretation of different models for the integration of information when evaluating gambles	1974
19750077658	Monthly bulletin. Canadian upper air data, May 1974	1974
19750077659	Monthly bulletin. Canadian upper air data, April 1974	1974
19750077660	AN/VSS-3A (1KW) searchlight, June - September 1974	1974
19750077661	Electrostatic analysis of slender conducting particles in electric fields	1974
19750077665	Production engineering measures for packages for microstrip integrated circuits	1974
19750077666	Investigation of the crash of an HU-16E albatross aircraft while on a flare drop mission	1974
19750077667	A technique for estimating airframe and takeoff weight of combat aircraft	1974
19750077668	Prospects of radio-voltaic energy conversion	1974
19750077671	The T-39/ATR-1 infrared measurement facility	1974
19750077672	Evaluation of the RA-5C airplane automatic carrier landing capability	1974
19750077674	Synthesis of photosensitive resins by the use of polymerization techniques	1974
19750077675	Stress-corrosion cracking in HY-130/MIL-140S	1974
19750077678	Wind tunnel study of base drag reduction by combustion of pyrotechnics	1974
19750077679	Infrared heat lamps used in drying chemical samples, September - October 1974	1974
19750077681	Thermal and ultraviolet degradation of amine-cured bisphenol-A, cycloaliphatic, and novolac epoxy resin	1974
19750077682	Temperature and pressure profiles obtained during burn of a side winder MK 17 MOD 5 motor in a 15,300 cubic foot magazine	1974
19750077683	P-3B modernization	1974
19750077684	Parkhill frequency offset tests	1974
19750077685	Thermally unstable polymers	1974
19750077686	Special testing of general purpose oscilloscopes	1974
19750077687	Evaluation of the prototype Bendix 12.5 KVA constant frequency generator	1974
19750077691	Methods of process identification in non-linear systems	1974
19750077693	Design of a high G, ultraminiature telemeter for cannon launched projectiles	1974
19750077694	Quasi-static compression stress-strain curves-1, data gathering and reduction procedures: Results for 1066 steel	1974
19750077695	Initial production test of multiplexer TD-660A/G	1974
19750077696	Feasibility investigation of ion implantation hardening of linear CMOS circuits	1974
19750077697	High temperature elastomer reinforcing materials	1974
19750077698	Advanced integrated transmitter	1974
19750077699	Outline test design for the joint service test of laser-guided weapons in close air support	1974
19750077700	Strapdown magnetic compass transmitter	1974
19750077701	Mechanical and thermal properties of truss-core, a structure composed of CC material	1974
19750077702	Determining glass transition temperatures in fluorine-bearing polymers	1974
19750077703	Method of selecting the optimal structure for a digital control computer	1974
19750077704	Exploratory development of processable laminating resins with improved toughness and moderate temperature capability. Volume 2: Phase 2 and phase 3	1974
19750077707	Instrumentation development investigation of laser retroreflector study	1974
19750077712	The 2175 program. Quick Easy Design (QED) module engineering specifications	1974
19750077713	Low loss spinel delay line	1974
19750077714	Structural strength of the basic high-temperature parts of gas turbines and methods of its provision, chapter 6	1974
19750077715	Electronic track-while-scan antenna test program	1974
19750077716	Least-squares interpolation. Prediction values of simulated examples and their accuracy	1974
19750077717	Experience in the use of a digital terrain model for planning and calculating a large international airport	1974
19750077719	Gyro-bearing-materials-analysis program	1974
19750077720	Anchoring components of a shelter layout	1974
19750077721	A trials and evaluation plan for the XR-5 high length-to-beam ratio surface effect ship	1974
19750077725	The electric automobile	1974
19750077726	Anticorrosive (complex materials) paper made in Romania	1974
19750077727	Packages and anti-corrosive protection of wire and wire products	1974
19750077729	Portable measuring instruments for organic material in air	1974
19750077730	Incineration treatment of plastic wastes, and treatment of the exhaust gas waste water accompanying it	1974
19750077731	New trends concerning plastic wastes	1974
19750077732	Simulation testing of stemming and containment instrumentation	1974
19750077733	International Laser Systems (ILS) laser intervisibility system model 4 101 breadboard model, May 1974	1974
19750077734	Frankford arsenal in-house constructed TOW laser rangefinder on the AH-1Q helicopter, July - August 1974	1974
19750077735	Development test 2 (service phase) of night vision sight, crew served weapons second generation	1974
19750077736	Special air surveillance radar evaluation report, Kelly AFB, Texas	1974
19750077737	Advanced electron device technology	1974
19750077738	Elastic properties of alloys of the Ti-Al-Mo system as a function of composition and heat treatment	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077739	Incidence of a pulse electromagnetic signal to a layer of ionized gas whose boundaries move at the speed of light	1974
19750077740	Investigation of helicopter visual detection	1974
19750077741	Two axes vortex rate sensor package	1974
19750077742	Parametric study of Deployable Rigid Wing (DRW) applicability, volume 1	1974
19750077743	Exploratory development on formation of high strength, high modulus boron nitride continuous filament yarns	1974
19750077744	Enhancement of photometric properties (special color analysis techniques for photointerpretation)	1974
19750077745	Fundamental studies on reactive oligomers	1974
19750077746	Final report	1974
19750077747	Hierarchical decomposition of large-scale power system identification problems	1974
19750077748	An investigation of metallic sheathed pyrotechnic cord delays for utilization as settable timing modules	1974
19750077750	S-band solid state power amplifiers	1974
19750077751	Comparison of potential flow calculations and experimental data for modified ellipse forebodies	1974
19750077752	An economic analysis of suppressive structures	1974
19750077753	Generalized linear multistep methods. 2: Numerical applications	1974
19750077754	Viewing pyrotechnic flares through magnifying optical systems	1974
19750077755	Hydrodynamic forces developed by the pitch stabilizers on the 100A surface effect ship	1974
19750077756	TACAMO 4, very high strength LTWA, development of improved stability/torsion characteristics	1974
19750077757	Mini-RPV ground antenna study	1974
19750077758	OPTIR 3B	1974
19750077759	Infrared diffuse reflection/terminal camouflage coatings	1974
19750077760	Study of develop instrumentation safety standards for melt pour plants. Computer simulation of thermal sensitivity of explosives	1974
19750077761	Passive nosetip technology (PANT) program. Volume 5. Definition of shape change phenomenology from low temperature ablator experiments. Part 2: Experimental data, series D, final test series	1974
19750077762	Computer-supported error localization in digital circuit sub-assemblies	1974
19750077763	Exploratory development leading to improved carbon-carbon composites, part 3	1974
19750077765	Development of a plastic rotating band for high performance projectiles	1974
19750077766	New sources of electricity save energy and environment	1974
19750077768	Testing turbo-generators in operational conditions	1974
19750077769	Thermionics - possibilities for the direct conversion of heat to electrical energy	1974
19750077770	Technology of thermoelectronic converters study days on the nuclear thermoelectronic generators	1974
19750077775	Geodolite (trade name) 3-G laser distance measuring device, July - August 1974	1974
19750077776	Semiautomatic fire control system for laser guided T6 and MT7 Missiles launched from the AH-1G helicopter	1974
19750077779	Characteristics of cibachrome color films processed in a modified 1411 Versamat and in a spray processor	1974
19750077780	Own-Doppler nullification for submarine active sonar systems	1974
19750077781	Development of the ballistic subsystem for an inflight escape system for the AH-1 Cobra helicopter	1974
19750077782	Evaluation of environmental impact of noise from rotary and fixed wing aircraft operations, Bryant Army Airfield, Alaska, 26-28 November 1973	1974
19750077783	Investigation of the performance of Army users of the NAVSTAR global positioning system	1974
19750077784	The possibilities of using pulsed plasma accelerators for the optical pumping of lasers	1974
19750077785	The Armed Forces material administration technical order UFA 864-4039	1974
19750077786	Proton pulse radiolysis. 2: Experimental results	1974
19750077788	The OASIS/Blackout program. Volume 3: Program listings	1974
19750077790	Modal density consideration in composite loss factor measurement	1974
19750077791	Evaluation of laser welding thin section material	1974
19750077792	Collision Warning System (CWS)	1974
19750077794	New developments in the field of magnetohydrodynamic electric generators	1974
19750077803	TAC/IDHS, volume 1	1974
19750077804	Qualification test of the Thiokol TE-M-364-19 solid propellant rocket motor	1974
19750077805	Communications station evaluation report Richards-Gebaur AFB, Missouri	1974
19750077806	Survey of efforts made by the Federal Ministry of Defense Ballistics Office on shock pressure simulation	1974
19750077807	Infrared vidicon investigations of thermal lensing and interference from laser windows	1974
19750077809	Direct gas shield analysis to determine shielding efficiency	1974
19750077810	New cathode material for high energy-density batteries	1974
19750077811	Capacitance effect on processes during surface discharges	1974
19750077812	Study of the charging process of a capacitive energy accumulator from a synchronous generator through a rectifier	1974
19750077813	Coupling to cables. DNA handbook revision, chapter 11	1974
19750077814	Weapon system activation: The process, problems, and a management approach	1974
19750077818	Dynamic response of tungsten at 5000 F	1974
19750077819	Unsteady motion of a profile near a wavy screen	1974
19750077820	Production engineering measure for high burnout resistant mixer diodes	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077821	Production engineering measure for high burnout resistant mixer diodes, appendix	1974
19750077822	Codeposited PG/SiC nozzle liners for advanced ICBM systems. Volume 3: Small nozzle test firings	1974
19750077823	Chemistry of atmospheric deionization outside intermediate-altitude fireballs. 1. 30-KM altitude	1974
19750077824	Comparative analysis of aircraft system performance with advanced turbine materials	1974
19750077825	Computer resolution of threat-identification ambiguities in ESM receivers	1974
19750077827	AV-8A/LAU-68B/A electrical interface adapter	1974
19750077829	Instrumental and methodological questions regarding the geodetic application of current gyrotheodolites	1974
19750077831	Non-metallic inclusions in bearing steel after single and double electroslag refining	1974
19750077833	Aerodynamic investigation of submunition stabilization, retardation and dispersion concepts	1974
19750077834	Conference on Microbiological deterioration of military materiel (22nd)	1974
19750077836	Application of behavioral science to I and W	1974
19750077837	Low-frequency acoustic characteristics of various materials for underwater applications	1974
19750077838	Reliability investigation of the MSC2010 transistor	1974
19750077839	TACOMO Improvement Program (TIP) phase 1	1974
19750077840	High speed complementary metal-oxide-semiconductor/silicon-on-sapphire development	1974
19750077847	Limited Navy flying qualities and performance evaluation of an A-7 Tactical Airborne Reconnaissance Pod System (TARPS)	1974
19750077848	Analysis of test results of the Honeywell electrically suspended gyro with heavy rotor, automatic centering and new speed control configurations	1974
19750077849	Wetting properties and stability of barrier films prepared with alternate solvents	1974
19750077850	Eight-channel combining for the AN/SRA-60 (V) antenna coupler group: A feasibility study	1974
19750077851	Ballistic penetration resistance and its measurement	1974
19750077852	Paint removal from AV-8A aircraft	1974
19750077853	Corrosion control at graphite/epoxy-aluminum and titanium interfaces	1974
19750077854	Exploratory development of low thermal conductivity carbon fibers	1974
19750077855	Sizing study for station limited fuel-air explosive test bed	1974
19750077856	LAMPS Mk 3 development system design/configuration management status	1974
19750077857	Surveillance evaluation of Jato rocket motor mark 6 mod 1 and igniter mark 165 mod 0	1974
19750077860	Target acquisition model evaluation. Part 3: Documentation and evaluation of a German visual recognition model	1974
19750077861	Charge coupled device signal processing infrared detector array component	1974
19750077862	SEU-3/A ejection seat: Adaptability for and integration into the AV-8A Harrier aircraft	1974
19750077864	Arresting and catapult holdback fatigue test model A-4F aircraft	1974
19750077865	A hygroscopicity and thermal analysis of 90/10 ammonium nitrate/potassium nitrate	1974
19750077866	Contact resistance failure analysis of the XM46 gyro switch	1974
19750077867	Ten-year aging of elastomeric vulcanizates in Panama, Alaska, and Illinois	1974
19750077870	System optical quality study, phase 1	1974
19750077871	Study of impact of small missile modularity concepts upon integrated logistics support	1974
19750077877	The mean of the field for cylindrically spreading waves in a random medium	1974
19750077878	Study of an EM detection system	1974
19750077880	An environmental survey of potential sonar transducer test sites at two Naval shipyards	1974
19750077881	An investigation of binary codes for underwater tracking systems	1974
19750077883	Inter ocean acoustic command system	1974
19750077884	A GPSS simulation of a demand access communications system	1974
19750077885	Hydromagnetic kink mode of a relativistic electron beam in a current carrying plasma	1974
19750077886	Development test 2 air portability/airdrop phase of night vision sight, crew served weapons, AN/TVS-5	1974
19750077887	Investigation of the oil temperature in the TF30-P-412A engine in the F-14A airplane	1974
19750077888	VHF-UHF phased array techniques. Part 2: Mutual effects in finite arrays of slots	1974
19750077889	Navy technical evaluation of the Elliott type 546 head up display in the TA-4J airplane	1974
19750077890	Revalidated the requirement for barricades	1974
19750077894	Dynamic characteristics of advanced filamentary composite structures. Volume 2: Aeroelastic synthesis procedure development	1974
19750077895	HF/DF chemical laser technology studies	1974
19750077896	EA-6B software life-cycle management plan	1974
19750077897	Gallium-arsenide(Ga-As) laser proximity fuse rangefinder	1974
19750077898	SAM-D engineering development status. Volume 2: Engineering/operations	1974
19750077899	Perfluorocarbon Epoxides, part 2	1974
19750077900	SAM-D engineering development status. Volume 1: Narrative summary	1974
19750077901	Passive Nositip Vulnerability (PNV) program. Volume 1: Summary Report	1974
19750077902	Graphite fibers from pitch, part 2	1974
19750077903	Study of an advanced crew escape and rescue capability (AERCAB), volume 1	1974
19750077904	Bimatrix ablative composites. Part 1: Evaluation of materials concepts	1974
19750077905	Passive nosetip vulnerability (PNV) program. Volume 2: Test Report	1974
19750077906	Air Force communications service digital transmission study. Volume 1: Test results	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077907	A review of the development and present situation of scientific geodesy in the Polish people's republic and postulation of the scientific research trends in the coming 15 years, taking into account the conditions necessary for their realization, part 2	1974
19750077908	Advanced targeting study, phase 1H. Volume 3: ALBM G and G study, use of autocorrelation functions to predict ALBM navigation errors	1974
19750077909	Gamma ray effects on coherent detection	1974
19750077910	Superconducting propulsion system. Volume 2: 3000-Hp model system	1974
19750077911	Aircraft fuel ignition analysis of five 20 mm high explosive incendiary projectiles	1974
19750077912	Lightweight hydraulic system gunfire test	1974
19750077914	Radiation and thermally hardened switching materials	1974
19750077916	Plasma accelerators	1974
19750077917	Virtual online terminal system (VOTE). User's manual	1974
19750077922	TOW weapon system memory effect phenomenon test program for the TOW BB-287 (XO-2)/T battery assembly	1974
19750077923	F-4 rain tire performance flight test	1974
19750077924	F-4 rain tire performance flight tests, appendix B	1974
19750077925	Underground test calorimetry measurements and calculations	1974
19750077926	Investigation of lead azide dielectric strength	1974
19750077928	Comparative test and evaluation of commercially available metal detectors and the standard AN/PSS-11 mine detector, Volume2	1974
19750077929	Comparative test and evaluation of commercially available metal detectors and the standard AN/PSS-11 mine detector, volume 1	1974
19750077930	A standardized gasoline simulant for use in laboratory investigation of flame fuels	1974
19750077931	Arming unit flight test program using A-7C aircraft	1974
19750077932	TAC/IDHS, Volume 2	1974
19750077936	ALSS data reduction system, part 1	1974
19750077937	Initial production test of generator set, 5- KW, 60-Hz, MEP model 017A	1974
19750077938	Development of a centrifugal particle separator for hotshot wind tunnels	1974
19750077939	Evaluation of effects on EM attenuation as a result of simulated faying surface corrosion on dragon	1974
19750077940	DT 2 (service phase) of AN/PAS-7, viewer, infrared	1974
19750077941	Magnetic survey of proposed TRIDENT magnetic silencing facility site at Bangor, Washington	1974
19750077942	BMDSCOM support EMP/RFI interface evaluation for USAEDH safeguard, tactical ground facilities hardness program - EMP. Volume 10: Remote Launch Site RLS penetration data, equipment data and analyses	1974
19750077943	Advanced composite missile and space design data	1974
19750077944	Compatibility tests of UH-1H helicopter for carriage and release of LUU-2 B/B flares from SUU-25C/A dispensers	1974
19750077945	Titan 2: Reliability and Aging Surveillance Program (RASP)	1974
19750077946	Test program for TOW weapon system constant rate linear dampers	1974
19750077947	Law-T warhead T44/T77 detonator electromagnetic radiation hazards test	1974
19750077948	Advanced two-dimensional trajectory calculations and aerodynamic tolerance studies in connection with the Armrrust project	1974
19750077949	First article testing of electronic switch SA-2011(V)WQS (48-stave scanning switch)	1974
19750077951	Service life test of primer, cooling gas P/N 252061 (AIM 4 D/G missiles)	1974
19750077952	Studies on an isotopic CO2 laser LOPAIR system	1974
19750077953	Blast simulation with balloons containing detonable gas	1974
19750077954	Pins-to-case short pulse sensitivity studies for the Atlas PC switch	1974
19750077955	Aluminum hydride propellant shelflife, volume 1	1974
19750077956	Three phase power transformer, 570607 Raytheon Microwave and Power Tube Division	1974
19750077964	Development activation tests on a silver oxide-zinc pile battery for torpedo propulsion	1974
19750077965	Arctic surface effect vehicle program. Linearized air cushion dynamics for large surface effect vehicles	1974
19750077966	Analysis of SES model XR-1B hump and subhump performance at low speeds. Phase 2: In head and following seas	1974
19750077974	RDC-T/MRDC reports bibliography	1974
19750077975	IR measurement of the Praeire 1 vehicle	1974
19750077976	Dynamic Remotely Piloted Vehicle (RPV) system model (DRSM). Part 1: Mathematical model	1974
19750077977	Operational acceptance test of IBM 360/30 autodin terminal, mode 1 test plan	1974
19750077980	Manufacturing method and technology measure for improved 18 mm microchannel plates with solid border	1974
19750077982	Radiation hardened bipolar high voltage power transistor	1974
19750077983	Computer program for the calculation of thermodynamic values and performance data of rocket propellants, gun propellants, and ignition mixtures	1974
19750077984	Thermodynamics of fused CdCl2-LiCl salt solutions	1974
19750077986	An exact solution of the Navier-Stokes equations for a chemically reacting gas mixture	1974
19750077987	Lasers are the miracle of light	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077988	Schlieren techniques and interferometric methods using tea CO2 lasers for the investigation of transient phenomena by means of thermal liquid crystal image converters	1974
19750077989	Experiments in the construction, reconstruction, and measurement of holograms	1974
19750077990	Unsteady pressure distribution measurements on a harmonically oscillating semi-wing model in three-dimensional, compressible flow	1974
19750077991	Dose gradient effects on semiconductors	1974
19750077992	Analysis of the pogo effect of the French launch vehicle diamant B	1974
19750077993	A cost-effectiveness comparison of a fossil-fueled versus a low-specific-weight nuclear-powered 2000-ton (SES)	1974
19750078000	Materials variables affecting the impact resistance of graphite and boron composites	1974
19750078001	Thermal cycling tests on pressure sensitive adhesive backed metallized plastic films and tapes	1974
19750078002	Oxidation of inconel X750 and type 321 steel foil to provide surface with controlled thermal radiative properties	1974
19750078007	Preliminary design and analyses of an advanced composite wing pivot structure. Volume 3: Analyses approach and computer program. Part 1: Analyses approach	1974
19750078008	Manufacturing methods for COS/MOS memory	1974
19750078010	Production Engineering Measure (PEM), power supplies for 18 and 25 MM second generation image intensifier tubes	1974
19750078012	Microbial deterioration of plastics	1974
19750078013	Icing problems on helicopter rotor blades	1974
19750078014	The growing demand for cheap and clean electricity	1974
19750078017	Combustion of plastics, part 1	1974
19750078019	Laser induced stress wave propagation in metals	1974
19750078021	Manufacture of titanium castings and their properties	1974
19750078022	High temperature creep of single crystals of refractory metals	1974
19750078023	New method of preparing the steel aluminum bimetal	1974
19750078024	Polyfluoroalkyl-alkyl polysiloxane grease for instrument lubrication	1974
19750078025	Broad temperature range hydraulic systems seal materials	1974
19750078027	Measurements and comparisons of the droplet diameters in Ljubljana fog	1974
19750078028	The application of the theory of statistical analysis to the recognition of industrial situations	1974
19750078029	The treatment of waste water from film developing plants	1974
19750078030	Feasibility test program for measurement of gravity anomaly changes using 2 micro-G accelerometer in the inertial platform	1974
19750078031	Design study of a flight worthy circulation control rotor system. Volume 2: Technical volume	1974
19750078032	Design study of a flight worthy circulation control rotor system. Volume 4: CCR airfoil data volume	1974
19750078033	Acoustically induced vibration in transport category aircraft	1974
19750078034	Design of an air cushion recovery system for the Jindivik Drone aircraft	1974
19750078036	Weather service support to the 50th tactical fighter wing, Hahn AB, Germany	1974
19750078037	Production process for large diameter carbon filament substrate	1974
19750078039	Thin walled armor protecting against radiation	1974
19750078040	Laboratory tests of an air cushion recovery system for the Jindivik aircraft	1974
19750078041	Microcircuit, linear, operational amplifier	1974
19750078042	Organization of automatic connection between EVM in the system of collective use	1974
19750078043	A dialogue system of programming for mini-machines	1974
19750078045	Shipboard antenna and topside arrangement guidance	1974
19750078048	Software evaluation methodology development-TECOM/ARMTE organization and procedure investigation	1974
19750078049	Aerodynamic loads and separation characteristics of the ALO-131 ECM and POD mounted on the F-4 aircraft, including effects of various stores	1974
19750078050	Investigation of structural porosity magnetic iron alloys intended for work at normal, low and elevated temperatures and also during conditions of SHF radiation effect	1974
19750078051	Autoresonance of electromagnetic wave and charged particle in a magnetic field	1974
19750078052	Ejector staging for a diffuser/ejector system for a chemical laser system	1974
19750078053	An automated system for the optimization of wing pivot systems. Volume 3: Programmer's manual. Book 1: Technical discussion and program listings	1974
19750078054	Development Test (DT 2) (engineering phase) of radar test set AN/TPM-25	1974
19750078060	Experimental investigation of the hydrodynamic entrance length and subchannel: Velocity profiles in a 91-element wire-wrapped subassembly	1974
19750078061	In-glovebox ion milling of ceramic specimens for transmission electron microscopy	1974
19750078063	Chemical engineering division reactor safety and physical property studies	1974
19750078064	Radiation effects on BCC metals and alloys	1974
19750078067	MASS11: An assembler for the PDP-11	1974
19750078068	HEDL quarterly technical report, April, May, June 1974. Volume 1: Applied research and materials engineering	1974
19750078069	Interim report of tensile and creep data for type 304 stainless steel plate (reference heat 9t2796, 2 in. thick)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078070	Environmental data bank index	1974
19750078072	Displaying complex three-dimensional objects	1974
19750078073	Chemical element cycling in the Turkey Oak forests of the upper coastal plain sand hills. 1: The use of cesium 134 as a tracer element	1974
19750078075	Inception criteria for droplet entrainment in two-phase cocurrent film flow	1974
19750078077	Implicit temporal integration for long duration accidents i a structural response code: STRAW	1974
19750078078	Progress report of Japanese nuclear data committee, July 1973 to June 1974 inclusive	1974
19750078079	Some preliminary results of Cornell run analysis	1974
19750078080	Electron impact spectra of some saturated hydrocarbons	1974
19750078082	Fuels and materials development program	1974
19750078083	Critique of present and possible future sodium flow	1974
19750078085	Assessment of Virtus 1	1974
19750078086	Station set requirements document. Volume 27: Shuttle flight crew systems	1974
19750078097	GEOS-C mission plan	1974
19750078115	A standard interface remote terminal design for the A-7D aircraft	1974
19750078123	High density lead tin telluride detector array	1974
19750078125	Nonlinear transient dynamic analyses of circular plates	1974
19750078126	USASATCOMA technical requirements SCA-2130, convolutional encoder/viterbi decoder	1974
19750078127	HF/DF techniques investigation	1974
19750078128	Operation of the Air Force Weapons Laboratory Material Response Impact Facility	1974
19750078129	Calculating main dimensions of a magnetoelectric gate generator operating on a pulsed load	1974
19750078130	USSR Sonde Astronautics Program	1974
19750078132	Partial spectrum signature and selected EMC measurements on radio receiving set, R-1051B/URR	1974
19750078133	New elastometric polymers and specialty chemicals	1974
19750078135	Future Avionics Standardization Study (FASS)	1974
19750078136	Development of ultraviolet light stabilization method for transparent polyarylsulfones	1974
19750078137	The micromechanics of failure in carbon systems	1974
19750078138	High speed drag tests of a 0.08 scale YF-17 model at Mach numbers from 0.60 to 1.60	1974
19750078139	The 0.2 scale B-1 external compression inlet verification model test at transonic and supersonic Mach numbers, phase 2	1974
19750078140	Anti-aircraft defense herald, number 12, 1973	1974
19750078141	Phase shifter manufacturing methods	1974
19750078142	Exploratory development of improved fatigue strength adhesives	1974
19750078143	Investigation of exhaust gas parameters for automatic diagnosis of diesel engine fuel system faults for use with the programmable diagnostic unit for automatic test equipment for internal combustion engine powered material ATE/ICEPM	1974
19750078144	Coatings to improve environmental stability of in-tank baffle foam	1974
19750078145	Advanced development model electrically suspended gyro navigator final results of evaluation aboard the USS Compass Island AG-153 during January through July 1974	1974
19750078146	A proposed service bench test set for use in implementation of mode 4	1974
19750078147	TMDE task 06 systems concepts and architecture MAID TECH study, secondary effect technique studies. Volume 3: Appendices	1974
19750078148	TMDE task 06 systems concepts and architecture MAID TECH study, secondary effect technique studies. Volume 2: Complete detailed report	1974
19750078149	Laser wavefront analyzer using sliding reference interferometry. Volume 2: Subsystem design analysis	1974
19750078150	Product improvement test of nonmetallic fuel tanks for trucks, M151 and M715 series, phase 1	1974
19750078153	Metal carbide loaded carbon systems derived from poly metal phosphates	1974
19750078154	Interactive support capability. Volume 1: Final technical report	1974
19750078155	Interactive support capability. Volume 2: Design specifications	1974
19750078157	Aerosuspension combustion	1974
19750078158	Lithium-organic electrolyte reserve battery	1974
19750078159	Manufacturing methods for high temperature reinforced plastic aircraft radomes: Fabrication and evaluation of full-scale nose radomes	1974
19750078160	Formation of field-ion images of distorted surfaces	1974
19750078161	The preparation of some single crystal molybdenum-base alloys and the investigation of their structure and mechanical properties	1974
19750078162	Time-dependent methods of computing wall interaction effects in two-dimensional supercritical flow	1974
19750078163	On heat transfer coefficients used for generalizing experimental data on boiling	1974
19750078164	Flight test, evaluation and calibration of the AIMS ATRBS equipment in the HU-16D airplane	1974
19750078165	Requirements and trends of collision avoidance systems	1974
19750078166	A new method of velocity measurement for flowing plasmas by means of Doppler shift	1974
19750078167	Electric drive for urban distributor vehicles: Mercedes-Benz electro-transporter LE306	1974
19750078169	Dispersion of a neutrally buoyant contaminant near a single boundary	1974
19750078170	Application, evaluation, and refinement maintainability prediction and demonstration techniques	1974
19750078173	Advanced dispersion techniques	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078174	Nonvolatile IC techniques for BORAM	1974
19750078175	CCD processor for serial scan infrared detector array (CPID) program	1974
19750078176	A feasibility study on an information analysis centre	1974
19750078177	Dispersion of particles in the upper atmosphere at middle latitudes	1974
19750078178	Influence of the degree of hardening on the structure of deformed and annealed single-crystals of molybdenum and molybdenum-rhenium alloy	1974
19750078179	Experimental study of axial force in a partial-admission turbine stage	1974
19750078181	Development test 3 of lightweight camouflage screening system, woodland, radar transparent and radar scattering	1974
19750078182	Compass preview design study. Volume 1: Technical description and trade off studies	1974
19750078183	Target acquisition studies at the Naval Weapons Center, a bibliography	1974
19750078185	Projection masking system evaluation	1974
19750078186	Automated systems for electronic circuit design	1974
19750078187	Flat-wound pipe with film supports	1974
19750078188	Ultimate microwave power levels in cyclotron radiation from intense relativistic electron beams	1974
19750078189	Metallographic exploration and analysis of shielded metal arc and gas metal arc explosion bulge weldments of HY-130 steel	1974
19750078190	Comparison of radar Doppler filtering techniques	1974
19750078191	Correction program for quantitative electron probe microanalysis modifications	1974
19750078193	Photographic developer tablets	1974
19750078194	Improved high-temperature solid film lubricants, part 4	1974
19750078196	Manufacturing methods program for production of high resolution camera tubes. Volume 1. Technical presentation	1974
19750078197	Minuteman bench test program. Minuteman weapon system effectiveness integration and evaluation plan	1974
19750078198	The combustion of hydrocarbons with nitric acid at high pressure	1974
19750078199	Standardized trussed monopole communications antenna	1974
19750078201	Production engineering measure for high reliability integratable PIN diodes	1974
19750078203	Development of improved materials and coatings for wire rope	1974
19750078204	Wide band propagation in a striated environment	1974
19750078205	A volume approach to heave region striation modeling	1974
19750078206	Radar station evaluation report, RAF Mildenhall, England	1974
19750078207	Aerodynamic characteristics of the AFFDL X-24B configuration at mach numbers from 1.5 to 5.0	1974
19750078212	The Pirelli triangular: Perhaps a revolution in the field of tires	1974
19750078214	Rain erosion, a boundary for high speed flight under all weather conditions	1974
19750078215	ADP oriented modular panel display (solid state)	1974
19750078217	The surface roughness and flow direction on two phase adiabatic flow	1974
19750078218	Large area plasma display panel	1974
19750078219	An interactive energy control system data base compiler	1974
19750078221	Air Force Computer Aided Manufacturing (AFCAM) master plan. Volume 2: Master plan and glossary	1974
19750078222	Air Force Computer Aided Manufacturing (AFCAM) master plan. Volume 2: Appendix A, the architecture of manufacturing	1974
19750078223	Radar station evaluation report, Myrtle Beach AFB, South Carolina	1974
19750078226	Handbook of pressure-proof electrical harness and termination technology for deep ocean applications	1974
19750078227	Air-to-air engagement tables	1974
19750078228	MAIR	1974
19750078229	Augmented Target Screener Subsystem (ATSS)	1974
19750078233	Evaluation of background suppression techniques for 3-5 micrometer solid state imagers	1974
19750078235	Ship constructions from aluminum alloys	1974
19750078238	Bird strike capabilities of transparent aircraft windshield materials	1974
19750078241	The reliability of helicopter transmission components	1974
19750078242	A technology for treating and effectively utilizing synthetic high polymer wastes by the poly bath dry distillation system	1974
19750078243	Government microcircuit applications conference (1974) digest of papers, volume 5	1974
19750078244	Characteristics of conformal coated printed wiring boards exposed to intense heat (fire) conditions	1974
19750078245	Hard point failure in relationship to lethality. Phase 2: Experimental results for single layer cylinders	1974
19750078246	RAT SCAT radar cross section measurements of the SAMSO/advanced nose tip reentry vehicles, volume 1	1974
19750078247	Secondary VHF/FM communications antenna for UH-1H aircraft	1974
19750078248	The painting of military aircraft	1974
19750078249	Proceedings of the Adaptive Antenna Systems Workshop, volume 1	1974
19750078250	First article test and evaluation of interrogator set AN/UPX-27	1974
19750078251	Target acquisition model evaluation. Part 2: A review of British target acquisition models	1974
19750078252	SAM-D engineering development status. Volume 1: Narrative summary	1974
19750078253	Correlation velocity sensor	1974
19750078256	Computer-aided trouble call analysis	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078257	Gold thick film conductors for aluminum wire bonding	1974
19750078261	Static stability and roll control effectiveness of the aerospun cluster munition (aerojet ordnance and manufacturing company version) at Mach numbers from 0.5 to 1.2	1974
19750078262	Ballistic impact: The dependence of the hydrodynamic transition velocity on projectile tip geometry	1974
19750078263	Evaluation of the equivalent weight of various prepolymers by nuclear resonance	1974
19750078264	Small turbine engine analysis program high-pressure turbine. Volume 2: Fabrication and test	1974
19750078265	Study of silver interlayer photocathodes at 1.06 microns	1974
19750078266	Development of high reliability RF keyed crossed field amplifier	1974
19750078267	Passive nosetip technology (PANT) Program. Volume 3. Surface roughness effects. Part 1: Experimental data	1974
19750078268	Passive Nosedtip Technology (PANT) Program. Volume 4. Heat Transfer and Pressure Distribution on Ablated Shapes. Part 1: Experimental Data	1974
19750078269	Passive nosetip technology (PANT) program. Volume 5: Definition of shape change phenomenology from low temperature ablator experiments. Part 1: Experimental data, series C (preliminary test series)	1974
19750078270	Passive nosetip technology (PANT) program. Volume 4: Heat transfer and pressure distribution on ablated shapes. Part 2: Data correlation and analysis	1974
19750078271	Superconducting propulsion system. Volume 4: Limited rights data	1974
19750078272	Investigation of thin-film silicon process for radiation hardened misintegrated circuits	1974
19750078273	Ice-forming activity of lead iodide in pyrotechnic compositions	1974
19750078274	Thermal degradation of polyperfluorotriazines	1974
19750078275	Routine communication session	1974
19750078277	The effect of temperature and strain rate on the tensile properties of Kevlar and PBI yarns	1974
19750078280	An analysis of the harmful effect on the skin of certain synthetic resins used in industry	1974
19750078281	Primary zinc-air battery of considerable specific power	1974
19750078282	Independent immersible sources of energy	1974
19750078283	Thermoelectric generators	1974
19750078284	Fundamental research toward improving thermionic converter performance, use of additives, pulsed diodes	1974
19750078285	Gicodyne 400 radioisotopic power supply	1974
19750078286	History, technology and characteristics of thermoelectric generators	1974
19750078287	Problems of increasing efficiency of thermoelectric materials (short course on thermoelectric devices and their applications)	1974
19750078289	Specific non-dimensional and material property analysis for Arctic SEV finger materials	1974
19750078290	Comparative evaluation of nondestructive inspection methods for aircraft wheels	1974
19750078292	Features of the plastic deformation of surface layers of single-crystal silicon, molybdenum, and niobium during uniaxial dynamic loading	1974
19750078293	Study of parameters of flight materials at speeds up to 1000 meters per second	1974
19750078295	A proposed study of electromagnetic propagation in turbulent media	1974
19750078296	Solution of the variational problem of the construction of the outline of a two-mode nozzle	1974
19750078299	Methodology investigation, risk/cost benefits associated with elimination of R and D test phases	1974
19750078300	Experimental transonic magnus and static stability characteristics of full-space configurations of the 8 in. era projectiles	1974
19750078301	Major test facilities of the Naval Weapons Center	1974
19750078302	NATC support and monitor of LAMPS Mk 3 YSH-2E short range helicopter	1974
19750078303	Naval Tactical Data System (NTDS) Serial Interface Module (SIM)	1974
19750078304	Expanded service test of lightweight camouflage screening systems, desert, radar transparent and radar scattering	1974
19750078305	Temperature and pressure profiles obtained during burn of a sparrow MK 38 mod 0 or mod 1 motor in a 15,300 cubic-foot magazine, part 2	1974
19750078307	Production engineering measure for multistage solid-state power amplifiers	1974
19750078308	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard, Charleston, South Carolina	1974
19750078309	Qualification tests for aircraft lighting equipment (Grimes Manufacturing Company, P/N 30-0837-5 S/N7, anticollision strobe light)	1974
19750078310	Investigation of lighting protection techniques for modern military aircraft fuel systems, project situation report P-1	1974
19750078311	Performance synthesis of electro-optical sensors	1974
19750078312	Aerodynamics of sabot discard within a muzzle blast environment	1974
19750078316	Evaluation of hydraulic system oil/air separators	1974
19750078320	Final type-life test report on igniter mark 272 mod 0	1974
19750078329	Safety analysis of wide pulse operation with the Army pulse radiation facility reactor	1974
19750078331	Limited performance and flying qualities evaluation of the USCG EU-16E airborne oil surveillance system test aircraft	1974
19750078332	Adc-EL flat panel TV display	1974
19750078339	Superconducting propulsion system. Volume 5: Failure modes and effects criticality analysis	1974
19750078340	Superconducting propulsion system. Volume 3: Liquid metal current collector studies	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078341	Superconducting propulsion system. Volume 1: SWATH	1974
19750078342	BMDSCOM support EMP-RFI interface evaluation for USAEDH safeguard, tactical ground facilities hardness program - EMP. Volume 6, book 2: MSCB-MSPP penetration data equipment data and analyses	1974
19750078343	BMDSCOM support EMP/RFI interface evaluation for USAEDH safeguard, tactical ground facilities hardness program, EMP. Volume 6, book 1: MSCB-MSPP penetration data, equipment data and analyses	1974
19750078344	SAFSCOM support EMP/RFI interface evaluation for USAEDH safeguard, tactical ground facilities hardness program, EMP. Volume 4, book 2: PAR facility penetration data, equipment data and analyses	1974
19750078345	BMDSCOM support EMP/RFI interface evaluation for USAEDH safeguard, tactical ground facilities hardness program, EMP. Volume 4, book 1: PAR facility penetration data, equipment data and analyses	1974
19750078347	Which forces align the particles in a crystal	1974
19750078348	Low temperature crystallization of solid polyethylene terephthalate under ultrasonic irradiation	1974
19750078349	Forecasting of a fleet of helicopters of the same type	1974
19750078350	The length of periods with low temperatures in the Asiatic territory of the USSR	1974
19750078352	First article evaluation of radio calibrator TS-1467 A/URM-114	1974
19750078353	Tactical aircraft guidance system advanced development program flight test phase report, volume 2	1974
19750078354	Global positioning system control/user segments. System/design trade study report	1974
19750078356	Surface emplaced sensor advanced development effort	1974
19750078357	Response of magnesium, aluminum and stainless steel to impact loading and electron beam irradiation	1974
19750078359	The development of the chlorine system for the lithium-chlorine battery	1974
19750078360	Handbook for calculating natural frequencies of shipboard foundations, part 1	1974
19750078363	The plastic response of rectangular membrane plates to mild explosive loading functions	1974
19750078364	Quick-set material systems for explosive ordnance disposal	1974
19750078367	Measuring the functional effect of clothing on people	1974
19750078368	Antiaircraft Defense Herald no. 7, 1974	1974
19750078372	Basic adhesion mechanisms in thick and thin films	1974
19750078373	Production engineering measures. Vapor phase cooled traveling-wave tubes	1974
19750078374	Qualification of 150D series solid tantalum capacitors manufactured by sprague	1974
19750078375	Burn-up of the high temperature products of incomplete combustion in a supersonic flow with secondary injection of oxidants	1974
19750078377	Study of new chemical laser systems	1974
19750078378	Reaction of gaseous hydrazoic acid with copper foil	1974
19750078381	Combat theater ground communications analyses for transmission subsystems. Volume 4: Evaluation/analyses of satellite ground terminals and troposcatter radio set	1974
19750078382	Terminal homing accuracy demonstration program. Army laser seeker tracking gain study	1974
19750078383	Is the problem of disposal of plastic wastes solvable?	1974
19750078384	New development in power metallurgy extracts	1974
19750078385	The Artemis position locator system	1974
19750078386	An alternative approach to long range DF fixing	1974
19750078387	A two-dimensional diffusion process modeling a communication system with interference-caused retransmissions	1974
19750078388	Electronic warfare (excerpts)	1974
19750078391	Terminal homing engineering flight test MT7 missile with Army laser seeker, 28 November 1973 off-boresight launch	1974
19750078392	C-5A RALINE evaluation	1974
19750078393	Data reduction and analysis report on HAST radar cross section and glint measurements	1974
19750078394	Degradation to search radar PPI performance in an electromagnetic environment	1974
19750078395	Electrooptical mast for submarines	1974
19750078396	Vibra-tension model ET-U	1974
19750078397	Intrapulse signal analysis	1974
19750078399	Deployment data (DEPDA) file. Computer operation manual OM/Run book, change 1	1974
19750078400	Type unit data (TUCHA) file. Program maintenance manual	1974
19750078401	Type unit data file (TUCHA). Users manual	1974
19750078402	Deployment data (DEPDA) file. Users manual	1974
19750078404	Plastics in the construction of airplanes	1974
19750078405	INVEST (integrated vehicle systems technology) program summary	1974
19750078410	The aeroflot planes are in the air	1974
19750078411	Radiation hazards investigation	1974
19750078412	Peculiarities of icing of a helicopter	1974
19750078413	Preliminary design evaluation of the incremental growth vehicle concept	1974
19750078414	Study of the ramming motion of air cushion vehicles	1974
19750078415	F-111 bird-resistant windshield support structure	1974
19750078417	S band solid state power amplifiers	1974
19750078418	Advanced metallic air vehicle structure program	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078419	Wind tunnel tests to evaluate store separation and aircraft stability for the F-4J aircraft and pedro recruit missile at Mach numbers from 0.6 to 2.0	1974
19750078420	Production engineering measures for packages for microwave integrated circuits. Part 2: Manufacturing procedures	1974
19750078421	Destructive Physical Analysis (DPA) requirements	1974
19750078422	Radiation hardened voltage regulator	1974
19750078423	Computers Robotron ES 1040 and ES 2040	1974
19750078426	Basic adhesion mechanisms in thick and thin films	1974
19750078427	High power Ka-band amplifier	1974
19750078433	Some microanalytical methods for chemical analysis of aerosols	1974
19750078434	Improved ATJS graphite. Part 2. Materials and process studies	1974
19750078435	Qualification status of kemet, capacitor, fixed, ceramic, molded, lead mount, contractor hi-rel	1974
19750078436	Qualification status of San Fernando, capacitor, fixed ceramic, molded, lead mount, contractor hi-rel	1974
19750078456	Project briefs (completed projects supplement-15)	1974
19750078457	Project briefs. (Active projects supplement)	1974
19750078458	Test and evaluation of the B and J Saturn 300 camera, Kinex KC-100 camera, and the Polaroid MP-4 Land camera	1974
19750078459	Mobile detection of biological attack	1974
19750078460	Use of extended gas glow discharge in closed-cycle CO2 laser with convective cooling	1974
19750078461	Surface erosion of the stator insulation of high-voltage electrical machines	1974
19750078466	GTD-350 helicopter turboengine	1974
19750078467	Optoelectronics of semiconductors	1974
19750078470	Qualification test report forward support ring forging	1974
19750078471	Vibration testing of Thiokol Chemical Corporation FLTSATCOM apogee kick motor D-2 (system S/N 19003 Q-1)	1974
19750078472	Shock-wave reflection characteristics of a typical sea bottom	1974
19750078479	A memory element based on dual emitter-thyristor	1974
19750078480	Storage life evaluation of batteries for BLU/54 mines	1974
19750078481	Adhesive bonding process for potential use in the production of weapons components and accessories	1974
19750078483	Nonplanar interconnections for VLSI packaging	1974
19750078484	Application of a silicon controlled rectifier power controller to the in-place revarnishing of motor-generator sets	1974
19750078485	Design considerations for low-noise submarine electrohydraulic steering and diving servo valves	1974
19750078486	Special precision approach radar evaluation report, Barkdale AFB, Louisiana	1974
19750078487	Customer surveillance test of steel hog ring garnish attachment, lightweight camouflage screening system	1974
19750078488	The electromagnetic and physical properties of soils in analogous locations in the Federal Republic of Germany and the United States of America	1974
19750078489	Chemical sources of electrical energy	1974
19750078490	Concept feasibility model of the Turrent Integrated Xenon Illuminator (TIXI)	1974
19750078491	General technical data, bibliographies, list, indexes of publications of parts	1974
19750078492	Exploratory development on the feasibility and recommendation for NDI or IR windows	1974
19750078493	Soviet helicopters	1974
19750078495	The 1969 1000-lb airburst series: Pressure-time and time-of-arrival results	1974
19750078497	Monthly Bulletin. Canadian upper air data, February 1974	1974
19750078498	Pins-to-case short pulse sensitivity studies for the atlas DC switch	1974
19750078500	Law-T motor case development, fabrication and evaluation	1974
19750078501	Development test 2 (service phase) of night vision sight, individual served weapons, AN/PVS-4	1974
19750078502	Electric and photoelectric properties of CDSIP2	1974
19750078503	Contribution of the ionization of excited atoms to the production of H and ions in a high frequency discharge in hydrogen	1974
19750078507	Development test 2 (service phase) of night vision sight, individual served weapons, AN/PVS-4	1974
19750078509	Effectiveness studies of two small nose-mounted control surfaces at transonic Mach numbers	1974
19750078510	Thermal blooming due to a stagnation zone	1974
19750078511	NUSC's noise acquisition and processing system: A brief description	1974
19750078512	Investigation of structural changes for various faces of single crystal refractory metals resulting from ion bombardment	1974
19750078515	Features of discrete holograms with a constant period	1974
19750078517	An evaluation of three commercial-grade nickel alloys for electrical contacts in a deceleration switch	1974
19750078518	Information analysis centre cataloguing manual	1974
19750078519	Single program element funding general chemical investigation	1974
19750078520	Performance improvement techniques for the AN/VCC-2 communications system	1974
19750078521	Laser ranges, Sacramento Army Depot Sacramento, October 1974	1974
19750078522	Chemical laser systems	1974
19750078523	Modification to tactical channel simulator system	1974
19750078524	CCD processor for serial scan infrared detector array (CPID)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078525	Analysis of phased-array radar transmitter AC/DC power supply systems	1974
19750078526	An assessment of thermal-stress-resistance test techniques for graphite	1974
19750078527	Application of fiber optic technology to Army aircraft systems	1974
19750078528	Production engineering measure for improved reliability of subminiature metallized polycarbonate capacitors	1974
19750078529	A three-dimensional analysis method for a wing pivot system	1974
19750078530	High-efficiency, narrow-beam-angle large-optical-cavity laser diodes	1974
19750078531	Development of a code system for determining radiation protection of armored vehicles (the VSC code)	1974
19750078532	Dynamic characteristics of advanced filamentary composite structures. Volume 1: Test specimen program	1974
19750078533	IR spectrum simulating pyrotechnics	1974
19750078534	Evaluation of laser transmitter integrated with XM-76 sighting system, September 1974	1974
19750078535	ACLS certification of the USS Enterprise (CVAN 65)	1974
19750078536	SAM-D engineering development status. Volume 1: Narrative summary	1974
19750078539	The OASIS/BLACKOUT program. Volume 1: Program description	1974
19750078540	Manufacturing methods and technology for a four-stage thermoelectric cooler	1974
19750078541	Compressor stability assessment program. Volume 1: Dual spool compression system test and data analysis	1974
19750078542	AN/VVG-2 laser rangefinder operations operational test 2 (OPT-2) of the M60A1E3 tank, Fort Knox, Kentucky, 9-10 October 1974	1974
19750078543	Laser rangefinder-designator, AN/UAS-9 October 1974	1974
19750078544	Protection filters for production DRAGON tracker eyepiece, August - October 1974	1974
19750078545	Index of US Naval aircraft, air launched guided missiles and their propulsion systems	1974
19750078546	Computer design and development at the school of engineering	1974
19750078547	Integrated tactical communications system (INTACS). Task 4: Revised MRTF communications concepts	1974
19750078548	Integrated tactical communications system INTACS. Task 3: Communications system effectiveness and cost methodology development	1974
19750078551	Self-similar combustion behavior of a powder with variable optical properties	1974
19750078553	Experimental aspects of the mechanical resistance of composites with fibers	1974
19750078558	TOPAL: A computer code for investigating metal-liquid thermal interactions in shock-tube geometry	1974
19750078559	ASTARTE calculations on the response of thin cylindrical containment vessels with rigid end closures to internal shock loadings	1974
19750078560	ASTARTE: A 2-D Langrangian code for unsteady compressible flow. Theoretical description	1974
19750078561	Chemistry and materials science division	1974
19750078564	Absolute fission cross section measurements	1974
19750078565	Mathematics in science	1974
19750078567	Fuels and materials development program	1974
19750078568	Irradiation creep of Nimonic PE16 in the DFR	1974
19750078570	Energy source and fluid representation in a structural response code: Straw	1974
19750078572	CURT 2: A computer program for analyzing curved tubes or elbows and attached pipes with symmetric loadings	1974
19750078574	Ecological behavior and effects of radionuclides in southeastern ecosystems	1974
19750078576	Filter vapor traps for sodium or Na/K service	1974
19750078577	Physics evaluations and applications	1974
19750078578	Inspection feasibility of grooved duplex tubes	1974
19750078579	Residual stress measurements in irradiated solution annealed type 304 stainless steel tubing	1974
19750078580	Sodium technology program	1974
19750078582	User's manual for the LLL computations center data acquisition system	1974
19750078585	HEDL quarterly technical report, July - September 1974. Volume 1: Applied research and materials engineering	1974
19750078588	Dynamic fixture system for centrifuge testing environmental sensing devices	1974
19750078589	Tests on the interaction of oxide fuel and liquid sodium at high fuel energies: TREAT tests S-11 and S-12	1974
19750078590	Plasma physics and fusion	1974
19750078591	Some preliminary results of the changes in mechanical properties of polyarylene (stilan) for coaxial cable applications due to neutron irradiation	1974
19750078597	Studies of advanced simulation concepts. Volume 1: Technical results and modeling details	1974
19750078598	Shuttle system ground operations plan	1974
19750078618	Effective testing using the Mobile Automatic Laser Tracking System (MALTS)	1974
19750078622	Resistojet testing at the Rocket Propulsion Establishment	1974
19750078623	A study of the properties of 1850 MPa alloy steels in bar form	1974
19750078646	Hydrodynamic and heat exchanged characteristics of two-phase non-equilibrium currents in steam-generating canals	1974
19750078647	Production engineering measure for high power traveling-wave tubes	1974
19750078648	Determination of the burning behavior of combustible textiles method of test by the semi-circle tester	1974
19750078649	AN/ARN-XXX airborne TACAN evaluation and analysis, volume 1	1974
19750078650	AN/ARN-XXX airborne TACAN evaluation and analysis, volume 2	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078655	Bomb rack conceptual study and proposal	1974
19750078656	Micro navigator (micron) phase 1B. Volume 3: N57A development program, appendixes I through V	1974
19750078657	Micro navigator (micron) phase 1B. Volume 2. N57A development program, appendixes A through H	1974
19750078658	Micro navigator (micron) phase 1B. Volume 1. N57A development program	1974
19750078660	Piezoelectronics and acoustoelectronics	1974
19750078661	Experimental transition probabilities and the solar abundance of copper	1974
19750078662	Linear inductive MHD machines with fluid metal and plasma primary parts, part 2	1974
19750078663	Investigation of activated carbon used in fuel cell air electrodes or metal air systems	1974
19750078664	Amorphous semiconductors	1974
19750078665	Problems of automating the primary processing of radar information	1974
19750078666	Thermionic generators	1974
19750078667	Zinc electrode for primary batteries with high specific power	1974
19750078668	Nickel-cadium batteries by SAFT GmbH, Incorporated	1974
19750078669	Control and diagnostics	1974
19750078670	Structural fabrication guide for advanced composites	1974
19750078671	Design, fabrication and testing of an internal reinforcement for improved penetration of the M117 series 750-lb general purpose bomb	1974
19750078674	LOG-periodic amplifier	1974
19750078676	Reevaluation of large gun Direct Fire Simulator (DFS) laser transmitters	1974
19750078677	A 0.85 micron solid state laser material evaluation, part 3	1974
19750078678	Preliminary study of a self-regulating transpiration system (SERTS) for application to reentry vehicle nose tips	1974
19750078679	Large cell R and D studies	1974
19750078680	Rene' 95 (AF-95) shear spin forming techniques	1974
19750078681	Hydrometer definition program. Volume 1: Literature review	1974
19750078682	Hydrometer definition program. Volume 2: Cloud frequency data	1974
19750078687	ALSS data reduction system, part 2	1974
19750078690	Data terminal test set, Mark 2 and data loop test set (echo box)	1974
19750078691	Integrated tactical navigation system community organization concept study, Volume 2	1974
19750078692	Morphological observations of fracture of polystyrenes	1974
19750078693	Deterioration of synthetic high polymers (3): The photodegradation mechanism of plastics	1974
19750078694	Manufacturing methods for casting of AF2-1 DA alloy for high-temperature engine applications	1974
19750078698	Wave and tide monitor model 9010	1974
19750078700	Manufacturing methods and technology for a four-stage thermoelectric cooler	1974
19750078701	Stress-analysis of unmanned flying apparatus	1974
19750078702	MI-24 helicopter	1974
19750078703	New technical concept of army aviation equipment	1974
19750078704	Soviet gyroplanes	1974
19750078705	Design study of a flight worthy circulation control rotor system. Volume 1: Summary volume	1974
19750078706	Terminal homing engineering flight test MT7 missile with Army laser seeker, 2 November 1973	1974
19750078708	Antiaircraft defense herald, no. 2, 1974	1974
19750078709	Present state and future prospects of the design of large-scale integrated circuits	1974
19750078710	Algorithm for transformation of problems to parallel form for one class of multiprocessor digital computers	1974
19750078711	Gun rugged crystal oscillator	1974
19750078712	Semitransparent 3-V photocathode materials	1974
19750078713	Clarinet merlin (receiver) program	1974
19750078714	Crisis communications requirements	1974
19750078715	Accuracy requirements of environmental parameters in an active sonar performance model	1974
19750078716	Radar station evaluation report, Wiesbaden Air Base, Germany	1974
19750078717	Chemically strengthened polycrystalline potassium chloride for high power	1974
19750078719	Stable string languages of Lindenmayer systems	1974
19750078720	On a problem in the collective behavior of automata	1974
19750078721	Deterministic Lindenmayer languages, nonterminals and homomorphisms	1974
19750078722	Abstracts of AF Materials Laboratory reports, January - December 1973	1974
19750078723	Synthesis of high molecular weight para-phenylene RB	1974
19750078724	Electromagnetic generator with synchro-compensating-drive	1974
19750078725	AGA Avista aircraft warning system	1974
19750078726	Dry batteries packaged in sheet steel casings	1974
19750078727	Radiation and charge injection in Al ₂ O ₃ using new techniques	1974
19750078728	Battle damage tolerant wing study. Flutter analysis and material and process specifications	1974
19750078731	The 1.4 micron photocathode	1974
19750078733	Site defense cable evaluation program Volume2: Technical projects	1974
19750078736	MICOM advanced simulation center/ABMDA advanced research center communication system	1974
19750078737	Integrated solid state transceiver production engineering method	1974
19750078738	Space Communications	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078739	Gamma and neutron damage of silicon solar cells: Fundamental data for radio isotope measurements	1974
19750078741	The mathematical treatment of digitalized curved lines	1974
19750078742	Calculation of the aerodynamic characteristics of a system of wings which moves at subsonic speed near the earth or a smooth water surface	1974
19750078743	A generalized relation for the calculation of heat transfer during the motion of a two-phase flow in tubes and conduits	1974
19750078745	Optical processing of alkali halides and polycrystalline zinc selenide for high-power laser applications, part 1	1974
19750078747	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard, Charleston, South Carolina	1974
19750078748	Application of electrically exploded wires and foils for detonation-optical problems	1974
19750078749	New aspects of shock wave propagation in very short tunnels and in tunnels with obstacles	1974
19750078750	Compressor stability assessment program. Volume 2: Techniques for constructing mathematical models of compression systems and propulsion systems	1974
19750078751	Determination of the natural modes of a structure by vibration test with non-appropriated excitation determination	1974
19750078752	Analog and analog-digital computers	1974
19750078753	Solar energy stations: Problems and perspectives	1974
19750078754	The surface effect of boiling liquids	1974
19750078759	K-band terminal simulator. Volume 4: System software manual	1974
19750078760	Operational comparison test and evaluation of high frequency (HF) modems	1974
19750078761	Augmentor combustion stability investigation. Supplement 1: User's manual for computer programs	1974
19750078762	Test of DIFAR modification to 14B35 training device	1974
19750078763	Piezoelectric transducer for investigating short period mechanical loading	1974
19750078764	Middle North Series, Mixed Company 3 Event, airblast effects inside field fortifications	1974
19750078766	Evaluation of personnel and training requirements for the SH-2D LAMPS (Light Airborne Multi-Purpose System) MMF (Mobile Maintenance Facility)	1974
19750078767	Development of a high resolution kinescope recorder	1974
19750078768	Preliminary design and analyses of an advanced composite wing pivot structure. Volume 2: Future program development outline	1974
19750078769	Standard multiplex interface definition for advanced aircraft avionics, volume 1	1974
19750078770	Joule/Q-switched pulse neodymium laser device, part 1	1974
19750078771	Advanced electron device technology	1974
19750078773	PCDE propellant studies (U)	1974
19750078774	Alerting long-range airborne radar for MTI (ALARM) (U)	1974
19750078780	The MGIC (Magnetic Gradient Iterative Compensator) program (U)	1974
19750078781	A neutral flow model for the disturbed environment (U)	1974
19750078782	Fiscal year 1975 Air Force Armament Laboratory technical objective document (U)	1974
19750078785	A comparison of four-arm flat and conical antennas as used in direction finding applications (U)	1974
19750078810	Area 3 Data Reduction Graphics Library	1974
19750078816	JACGEN: A subroutine for Jacobian matrices related to partial differential equations	1974
19750078818	Kinetics of the C yields B transition in europium sesquioxide	1974
19750078819	Alloy 800 and its properties in HTR atmospheres	1974
19750078823	Improvements in characterization methods of pyrocarbon	1974
19750078824	Low atomic number materials for fusion: An assessment study	1974
19750078826	Prototype applications loop cold trap flowmeter calibration	1974
19750078827	Steam generator materials engineering	1974
19750078829	Investigations of materials compatibility relevant to the EBR-2 system: FY 1974	1974
19750078830	Stress corrosion studies of LMBBR steam generator materials	1974
19750078831	Applied Physics Division	1974
19750078835	TRT 300 welding rectifier	1974
19750078837	Requalification of the Basler 100 ampere converter	1974
19750078838	Launch vehicle catalog of tests and operations	1974
19750078850	Antiaircraft Defense Herald, no. 11, 1973	1974
19750078851	Investigation of composite material for use in lightweight hydrofoil structures	1974
19750078852	Composite box beam optimization. Volume 1: Design engineering and manufacturing	1974
19750078853	Synthesis of thermally stable polymers	1974
19750078854	Air Force Computer-Aided Manufacturing (AFCAM) master plan. Volume 3: Analytical tools	1974
19750078855	Automatic computation of digital contour lines	1974
19750078856	Harbor traffic monitor study, phase 2	1974
19750078860	Measurement of relative and absolute optical transition probabilities of CuI in wall-stabilized light arcs	1974
19750078862	Standard Procedures for Air Force operational test and evaluation. Volume 1: Appendices	1974
19750078863	The crystallized sandstone, NaNO ₃	1974
19750078865	An attempt to increase the luminous output of magnesium sodium nitrate flares by the introduction of nitrogen containing compounds	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078866	Solid state radar scan converter	1974
19750078867	A feasibility study of relocating the AN/SRA-49 coupler units and power supply in the NELC equipment rack cabinet	1974
19750078869	Optical techniques for the remote detection of biological aerosols	1974
19750078871	Remotely piloted vehicle/ship interface investigation. Part 1: Summary	1974
19750078872	Remotely piloted vehicle/ship interface investigation. Part 2: Impact of integration of Remotely Piloted Vehicle (RPV) systems on ships for a 10 day baseline mission	1974
19750078873	Problems in drag in helicopter rotors	1974
19750078874	Moisture absorbing cartridges for optical instruments	1974
19750078876	International telecommunication service handbook 2	1974
19750078877	A comparison of prompt photon Monte Carlo transport results with ATR code predictions, 4 and 8 kilometre source altitudes	1974
19750078881	Technical and operating characteristics of models of computers in the unified system	1974
19750078882	Actual vapor content during the boiling of water with underheating in tubes	1974
19750078883	Radiating capability of antennas	1974
19750078887	Method for embedding wire fragments into a solid rocket fuel	1974
19750078888	Investigation of the physicochemical properties of dust in the surface layer of the atmosphere and of methods of measuring its concentration	1974
19750078889	Heat transfer of boiling substances which make direct contact with the heating medium	1974
19750078890	Method for optimization of parameters of cable communication lines	1974
19750078891	The procedure for selection of operational and the memory units of a mini-TsVM at the system and algorithmic stages of design	1974
19750078892	Modeling of the thermal radiation from a nuclear explosion	1974
19750078893	Thermionic converters and low-temperature plasma	1974
19750078894	The mathematical theory of the steady-state propagation velocity of a small scale turbulent flame	1974
19750078895	On diffusion problems occurring in the linear theory of gasdynamic and chemical lasers	1974
19750078896	Optimization of leads of a thermionic emission energy converter	1974
19750078897	A proposal for solar energy power system	1974
19750078898	Study of the heat exchange crisis of the second kind in an evaporation tube	1974
19750078899	Production engineering measure for capacitors, electrolytic aluminum high reliability, high voltage	1974
19750078906	Spectroscopic observation of a quasi-steady state of a plasma on contact with a neutral gas	1974
19750078907	Tokamak experiment in SPAC-2	1974
19750078908	Trapping of charged particles by a travelling wave with increasing phase velocity	1974
19750078909	Coupled nonlinear electron-plasma and ion-acoustic waves	1974
19750078910	Self-modulation of high frequency electric field and formation of cavities in plasma	1974
19750078911	Plasma turbulence generated by ion-ion two-stream instability	1974
19750078912	Initial production test of AN/ARN-89A automatic direction finder	1974
19750078913	Developmental test 2 (service phase) of night vision sight, crew served weapons, AN/TVS-5 (second generation)	1974
19750078914	Exploratory development of small-signal low-noise X-band transistors	1974
19750078916	Air Force communications service, digital transmission study. Volume 1: Test results. Appendix: Computer analysis of isochronous distortion data	1974
19750078917	Evaluation of a synthetic surfacing system for the Marine Corps	1974
19750078919	Description of subsonic(DSD0873) and supersonic (DSD0973) aerodynamic computer programs for conventional wing-body-tail configurations	1974
19750078920	Air induction systems for future fighters/interceptors. Phase 2B: Supersonic inlet program, volume 2	1974
19750078921	Air induction systems for future fighters/interceptors. Phase 2B: Supersonic inlet test program, volume 1	1974
19750078922	Survivability assessment guidelines for flight control systems, volume 1	1974
19750078923	Tactical line printer	1974
19750078924	Hit-to-kill homer ground test (hit phase 2) task completion report, spin reference sensor	1974
19750078928	Propagation and/or detonation tests of pyrotechnic compositions	1974
19750078929	Calculation of vulnerability estimates for aircraft and missiles subject to fragments, blast, and inertia loading	1974
19750078931	Improved graphite reinforced tape	1974
19750078932	Feasibility demonstration of a multiplex single-wire charge and fire system for 2.75 FFAR	1974
19750078937	Criterion for adhesion of dispersed phase particles from a dispersion system to the collision area	1974
19750078938	Advanced electron device technology	1974
19750078939	Space communications	1974
19750078940	Sandwich type construction for use in suppressive shields	1974
19750078941	A digital computer program for the simulation of an air defense interceptor missile system	1974
19750078942	Theory of molecular beam generation with the aid of a cylindrical tube	1974
19750078944	Preliminary design of active wing/store flutter suppression systems for military aircraft	1974
19750078945	Infrared signature of Lycoming T-55 turboshaft engine at sea level	1974
19750078946	Non-wood VERTREP pallet developmental test assist	1974
19750078947	Test and evaluation program for the AN/QQ-5 sonar system	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078948	Surveillance evaluation of Zuni rocket motor mark 16 mods 1, 2, and 3	1974
19750078949	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1974
19750078951	A study of the aging of thermoelectric semiconductor materials	1974
19750078952	Electrical properties of CuInTe ₂	1974
19750078953	Technical make-up of a laser range-finding system. Laser range finder for field artillery	1974
19750078954	Aerodynamic studies in connection with project Armbrust	1974
19750078955	Applied magnetohydrodynamics: Issue no. 10, the ARGAS-2 MHD experimental plant	1974
19750078956	Single program element funding chemical munitions technology	1974
19750078958	Studies of ionization detector for Army field use	1974
19750078959	Development of a dynamic simulation filter	1974
19750078960	Nosetip material and geometry effects on aerodynamic heating in erosion environments	1974
19750078965	Bell Helicopter Company tests of TOW-equipped Iranian AH-1J witnessed by the Naval Air Test Center WST-35	1974
19750078967	Development and evaluation of optical materials	1974
19750078968	Space communications	1974
19750078970	Special features of the propagation of spherical shock waves in a flammable two-phase medium	1974
19750078979	Photocathode study at 1.8 microns	1974
19750078980	Production engineering measure for subminiature wet-anode tantalum capacitors, hermetic seal	1974
19750078983	Technology C gyro modeling	1974
19750078984	Reliability prediction modeling for multi-failure mode systems	1974
19750078987	Combat theater ground communications analyses for transmission subsystems. Volume 2, part 2	1974
19750078988	Combat theater ground communications analyses for transmission subsystems. Volume 1: Summary	1974
19750078989	Combat theater ground communications analyses for transmission subsystems. Volume 3, appendix a, part 1	1974
19750078990	Gasification and oil conversion of plastic wastes by thermal decomposition: Thermal decomposition of plastic wastes	1974
19750078991	Improved structural homogeneity of tool steels and steel forgings to meet highest quality requirements	1974
19750078992	Ladle refining of steel in a vacuum, with synthetic slags and inert gases	1974
19750078993	Plastic wastes disposal by microorganism treatment	1974
19750078994	Dynamic analysis of helicopter structures	1974
19750078995	Self-excited mechanical oscillations of a helicopter rotors with hinged blades	1974
19750078996	Measures against excessive noise from industrial enterprises	1974
19750078997	Electrooxidation kinetics of Cd in a 1 N KOH solution	1974
19750078998	Pneumatic micrometer for vacuum atmosphere	1974
19750079000	Manufacturing methods for GaAs microwave field effect transistors	1974
19750079002	Dynamometer evaluations of performance and emission characteristics of the L-141 Texaco Controlled Combustion System (TCCS) engine	1974
19750079003	Alternative, synthetically fueled, Navy systems: Force element missions and technology	1974
19750079005	SEMCA: Linear antenna pattern prediction model development	1974
19750079007	The study of cost growth of a major weapon system	1974
19750079008	Corrosion control of ejection seats	1974
19750079009	Crash rescue and fire fighting concepts for expeditionary air fields	1974
19750079010	Experimental investigation of the boundary layer on a rotating cylinder	1974
19750079014	Manufacturing methods and technology for bubble memory storage element fabrication for computers	1974
19750079015	Design of thin line array telemetry modules	1974
19750079016	Evaluation of Bendix P/N 32B180-11-B, 750 VA, 3/1 phase, rotary inverter and Bendix P/N 34B103 overvoltage protection kit	1974
19750079017	A-4M aircraft ram air turbine driven emergency power package, engineering investigation	1974
19750079019	The perception of motion in vehicle simulators	1974
19750079021	High-power high-efficiency sources	1974
19750079022	Evaluation of the proposed laser operations for the Human Engineering Laboratory Battalion Artillery study HELBAT 5, Fort Sill, Oklahoma, October - November 1974	1974
19750079024	Surveillance evaluation of JATO rocket motor Mark 34 Mod 1 (0.7 ES-2650)	1974
19750079026	Qualification status USCC: Capacitor, fixed, ceramic, molded, lead mount, contractor hil-rel	1974
19750079027	Qualification status of San Fernando, capacitor, fixed, ceramic, molded, lead mount, contractor hil-rel	1974
19750079028	Qualification status of Kemet: Capacitor, fixed, ceramic, molded, lead mount, contractor hi-rel	1974
19750079029	Poseidon reliability verification test procedure, part number 2760307 capacitor fixed film high voltage	1974
19750079032	Investigation of SOS processes for fabrication of radiation hardened MIS devices and ICS	1974
19750079033	Weldbond flight component design/manufacturing program	1974
19750079037	Model DM-60 cubitape infrared distance meter, September 1974	1974
19750079038	Photographic combination for rapidly processing silver rich photographic material	1974
19750079040	Monthly bulletin. Canadian upper air data, January 1974	1974
19750079042	Monthly bulletin. Canadian upper air data, March 1974	1974
19750079043	Microwave high dielectric constant material	1974
19750079044	Stamping of large-scale blades from titanium alloys	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079045	Applied magnetohydrodynamics number 12 design and construction of the pilot plant vegas 1	1974
19750079046	High power laser as a flexible weapon	1974
19750079047	Service life test of igniters P/N 67F29136 (AIM-4D) and P/N 69F30292 (AIM-4A)	1974
19750079048	Design study of a helicopter with a circulation control rotor, volume 1	1974
19750079049	The quasiunivariate gas dynamics of nozzles of rocket engines	1974
19750079050	Study of solar energy installations equipped with a high voltage photoelectric converter	1974
19750079052	Flexural mode and hydroacoustic transducer study	1974
19750079053	Modeling visual target acquisition: Inclusion of certain psychological variables	1974
19750079054	Joint airbase utilization (JABUA), users manual	1974
19750079055	Low cycle fatigue irradiation insert EXP-MAT-10701	1974
19750079056	Post-irradiation examination of the Dragon metallurgical series 2 experiments, part 2	1974
19750079057	Graphite and matrix materials for very high temperature reactors	1974
19750079061	Application of the combined method of thermionic emission and surface ionization to the study of the emissive properties of metal single crystals and film emitters based on them	1974
19750079062	Study of the special features of plastic deformation of layers of materials by the method of continuous recording of the process of indenter insertion	1974
19750079063	Study of the characteristics of vapor formation during boiling of ammonia and Freons	1974
19750079064	Diagrams of polydisperse aerosol and inverse problems in light scattering	1974
19750079066	Instrumentation development	1974
19750079067	Isotopic power materials development	1974
19750079068	HEDL. Volume 1: Materials technology	1974
19750079069	High temperature thermophysical properties of sodium	1974
19750079070	Mechanical properties test data for structural materials	1974
19750079071	Analytical study of inside and outside compact reinforcement for radial nozzles in spherical shells	1974
19750079072	Mechanical properties of annealed and cold worked type 316 stainless steel fast reactor seamless tubing	1974
19750079076	Structure development with interference vapor deposited layers	1974
19750079078	OV5-6 satellite measurements	1974
19750079079	Electromagnetic current meter evaluation	1974
19750079093	Performance comparisons between grooved and ungrooved squeeze-film gas bearings	1974
19750079180	Passive nosetip technology (PANT) program. Volume 6: Graphite ablation data correlation and analysis (U)	1974
19750079184	Radiation and thermally hardened switching materials	1974
19750079185	Technical problems in the conversion of existing gas distribution networks from city gas to natural gas	1974
19750079186	Heat transfer crisis in tubes	1974
19750079187	Standard procedures for Air Force operational test and evaluation, volume 1	1974
19750079188	The behavior of fiber-reinforced composite materials under erosion and cavitation stress	1974
19750079189	In situ determination of aerodynamic permeability of perforated walls S2ma wind tunnel: Incompressible flow	1974
19750079191	Meteorological support rain erosion program	1974
19750079192	Silicon-On-Substrate (SOS) integrated circuit technology	1974
19750079193	Investigation into the changes of the dislocation substructure of single-crystal molybdenum during alternating deformation and annealing	1974
19750079194	Studies of field assisted photocathodes for 1 to 2 microns	1974
19750079195	Safety and hazards analysis of the automated production system for 155 mm and 8 inch propelling charges	1974
19750079196	Superplasticity effect of titanium and its alloys and the application of the phenomenon to solid state welding	1974
19750079197	Some promising techniques for corrosion protection of sintered irons and sintered steel	1974
19750079199	The West German Aviation Show 1972, (9th). Part 2: New developments in weapons and aviation technology	1974
19750079204	Growth functions associated with biological development	1974
19750079205	The converter as a direction-controlled sensor for molecular flow fields, in non-isothermal vacuum facilities	1974
19750079207	Achievements in the area of investigation of heat transfer and hydraulics of 2-phase currents in energy equipment elements	1974
19750079208	Concerning the microphysical description of the weakened molecular nitrogen plasma of the positive column of glow discharges	1974
19750079209	Thermoelectric properties of single crystal molybdenum	1974
19750079212	Production engineering measure for 18MM fiber optic inverter plate, addendum	1974
19750079213	NAVAIRTESTCEN support and monitor of the X/C-5 MK-III light airborne multipurpose systems (LAMPS)	1974
19750079214	C-5/C-141 limited visual system	1974
19750079215	AN/URC-87(V) (Southcom SC-130) manpack radio transceiver: Engineering evaluation	1974
19750079216	Waveform analysis system. System description	1974
19750079217	Physical-chemical properties of CoO-Al ₂ O ₃ systems	1974
19750079220	Aerodynamic characteristics of the super HOBOS/SSU-54 munition at Mach numbers from 0.4 to 1.6	1974
19750079221	Evaluation of the Thiokol TE-M-640 solid-propellant rocket motor under the combined effects of simulated altitude and rotational spin	1974
19750079222	Purchase description for: Armour plates for suit, protective, EOD MK 2	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079223	Phase transformations and variations in the properties of titanium alloys, chapters 1 and 2	1974
19750079224	Correlation velocity sensor	1974
19750079225	Certain problems of the organization of the on-line operation of analog and digital computers making up a hybrid system	1974
19750079226	The study of processes in a gas-dynamic laser on a shock tube of large diameter	1974
19750079227	Rotor balance restoration study	1974
19750079228	Cobra/tow Follow-On Evaluation (FOE)	1974
19750079229	A system of digital terrain models	1974
19750079230	Investigation of idealized silo motions	1974
19750079231	Parts evaluation report on capacitor, fixed, ceramic, molded, lead mount, MIL-EST, Rel	1974
19750079235	Production assessment test report on capacitor, fixed ceramic, molded, lead mount, contractor Hi-Rel	1974
19750079236	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor Hi Rel	1974
19750079247	The use of physical sterilization in the production of aseptic packages	1974
19750079249	Service life test of MK17 rocket motor AIM-9B/E/J missiles	1974
19750079250	Comparison of the performance of a tube- and transistorized- type amplimeter section of the andrometer	1974
19750079251	Thin wire modeling techniques applied to antenna analysis	1974
19750079252	Electronic Stepping Switch (ESS) for multiple/triple ejector racks (MER/TER)	1974
19750079255	Reliability test report on variable reluctance stepper motors (ST67109)	1974
19750079272	Failure analysis on filters, electrical, radio frequency, NOC, low pass, fixed	1974
19750079273	Failure analysis on filters, electrical, radio frequency, NOC, low pass, fixed	1974
19750079274	The wavelength diversity of speckle	1974
19750079279	Dynamic response of structures and materials to impulsive loads	1974
19750079280	A new X-ray spectral technique	1974
19750079283	Minicomputers and computer applications in Hungary	1974
19750079284	Spectroscopic investigations in the working section of an aerodynamic unit of adiabatic compression UAS	1974
19750079285	Static electricity fields and man	1974
19750079286	Effect of meteorological conditions on radar	1974
19750079287	Communication and measuring technology brochure	1974
19750079288	New perturbation theory of random acceleration and formally similar problems	1974
19750079292	An evaluation of a YIG-tuned filter as an electronically tuned radar preselector (U)	1974
19750079293	Carborane burning rate catalysts (U)	1974
19750079295	Digital simulation of the Chaparral missile system (U)	1974
19750079296	Independent evaluation of the nonnuclear Lance XM251 warhead (U)	1974
19750079297	PCDE propellants for ballistic missiles (U)	1974
19750079302	Exploratory development for the TECHROLL (registered trade name) seal novable nozzle system, Volume 2 (U)	1974
19750079303	Field performance evaluation of the TOW heavy antitank/assault weapon night sight (U)	1974
19750079310	Study to lower the burning rate slope of an HMX gun propellant (U)	1974
19750079316	RPV tracking and laser designation models (U)	1974
19750079318	Investigation of explosively driven light gas launch techniques (U)	1974
19750079319	Advanced phased array design concepts (U)	1974
19750079329	Radar homing and warning RHAW: Look-through evaluation (U)	1974
19750079352	Computer program for NORSAM model. Volume 1, book 3: Appendix C (U)	1974
19750079353	Computer program for NORSAM model. Volume 1, book 1: Technical discussion (U)	1974
19750079364	High band dual mode TWT development program (U)	1974
19750079367	Study of functional area summary for navigation (U)	1974
19750079368	CTRL: A controller for use on the CDC 7600	1974
19750079369	Bibliography of reports by U.S. Geological Survey personnel on the Nevada test site and related subjects, 1 July 1973 to 30 June 1974 with author and subject indexes	1974
19750079373	Report: Russian trip (19 October - 11 November 1974)	1974
19750079374	Qualification test report flexible metal hoses	1974
19750079375	The effect of ammonia on the starting characteristics of hydrazine/shell 405 thrusters	1974
19750079378	An electronic phase encoder for ultrasonic holography	1974
19750079383	An examination of the cool flame of n-heptane using a vertical flow spontaneous ignition reactor	1974
19750079386	Strapdown inertial guidance LSI coordinate converter phase 4, guidance data processor phase 2	1974
19750079387	Evaluation of ZITA/ADT performance measuring technique, ZITA/ADT test on six A-37B pilots and a comparison with dive bombing errors	1974
19750079390	Radiation effects in quartz crystals. Part 1: A phenomenological summary	1974
19750079391	Test and evaluation of an experimental holographic acoustic imaging system	1974
19750079392	The propagation of discontinuities for linear hyperbolic partial differential equations	1974
19750079394	Effects of high voltage, high frequency fields on photon sensitive materials and the variations of these effects due to the introduction of various subjects within the field	1974
19750079396	Umbilical housing material investigation and recommendation report	1974
19750079400	Enhanced imaging and alignment system for an electron projection system	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079401	The carbon-carbon assessment program. Supplement 3, appendix C: Erosion mechanisms and improvement of carbon-carbon composite materials	1974
19750079402	PRESTO: A digital computer program for electromagnetic analysis of communications facilities. User's guide: Interim	1974
19750079403	A study of the technical feasibility in the anticipated performance of an oil supply tank installation	1974
19750079406	Investigation of temperature dependences of contact thermal resistance	1974
19750079407	A method for predicting the aerodynamic performance of center bodyplug IR suppressors	1974
19750079408	Dynamic wind tunnel tests and evaluation of a disc-shape flight configuration	1974
19750079409	New generation of diesel-electric generator units	1974
19750079410	A comparison of pressure losses due to friction when two phase flow takes place in vertical and horizontal ducts	1974
19750079411	On the radial structure of the diffusion designated positive column of oxygen discharge at low-gas pressure	1974
19750079412	Quantitative incident light microscopy using evaporated interference layers	1974
19750079413	Structural fabrication guide for advanced composites	1974
19750079415	Fluoroelastomer coatings resistant to thermal flash, high temperature, and subsonic rain erosion	1974
19750079416	Qualification and accelerated service test of the model J79-GE-10 engine smoke reduction/improved life configuration	1974
19750079417	ACLS certification trials of USS Saratoga	1974
19750079418	Design of criteria and experiments for high density helicopter landings	1974
19750079419	Finite element analysis of transonic flow	1974
19750079420	Personnel lowering device	1974
19750079421	BOMTAN: A model for estimating the annual cost of bomber and tanker squadrons	1974
19750079422	Production, structure and the mechanical properties of large molybdenum single crystals	1974
19750079428	Production engineering measure for S and C band injected beam crossed-field amplifiers employing ceramic mounted slow wave structure	1974
19750079429	Qualification status of USCC capacitor, fixed, ceramic, molded, lead mount, contractor Hi-Rel	1974
19750079432	L-band radio architecture study. Volume 1: sections 1 through 7	1974
19750079433	An/MPS-11 radar set Korat RTAFB, Thailand	1974
19750079435	NAVAIDS ILS (31R) evaluation report, Tyndall AFB, Florida	1974
19750079436	Low contrast imaging system study	1974
19750079440	Middle North series, Mixed Company 3 Event, cable survivability test	1974
19750079441	Application of linear prediction encoding to a narrow-band voice digitizer	1974
19750079442	Preevaluation preproduction monitor and Navy preliminary evaluation of the CH-46E aircraft	1974
19750079449	Jet noise modeling: Experimental study and models for the noise and turbulence fields	1974
19750079450	Production assessment test report on semiconductor, diode, general purpose, silicon, diffused glass	1974
19750079454	Evaluation of corrosion protection methods for aluminum in contact with titanium 400 F	1974
19750079457	Performance evaluation of the A-4M aircraft with the J52-P-408, JTF22A-2, TF41-A-100, and TF30-P-408 engines	1974
19750079458	Manufacturing methods and technology measure (MMTE) fabrication of 18 mm image intensifier tubes by batch processing techniques	1974
19750079464	Crystal unit, quartz	1974
19750079465	Motor, AC, 400 CPS induction 3 phase: 6 pole	1974
19750079470	Electrical design verification tests of the A-4 ram air turbine generator	1974
19750079473	Research on YB68 for microwave acoustic crystals	1974
19750079474	Characterization of transition and relaxation phenomena in new polymers, part 2	1974
19750079475	State-of-the-art-review, main turbine engine bearings	1974
19750079476	SAM-D engineering development status	1974
19750079477	Calculation of the power supply mode of a plasmotron from a pulse turbo-generator	1974
19750079478	Determination of the ion concentration in the ionosphere using measurements of the impedance of antennas	1974
19750079479	Calculation of the characteristics of a radioisotope generator with an end-located thermoelectric converter	1974
19750079480	Achievements in the area of investigation into the heat transfer and hydraulics of two phase current in energy equipment	1974
19750079481	Fluctuations of the field amplitude of an optical beam propagated along inclined paths in turbulent atmosphere	1974
19750079482	Measurement of surface pressures on an elliptic airfoil oscillating in uniform flow	1974
19750079483	The optimum filtration and extrapolation of a radar signal with incomplete data	1974
19750079484	Experimental studies of the distribution of the magnetic field and losses in structural elements of the end zone of a turbogenerator with a power of 300,000 kW	1974
19750079485	Simulation of a data-transmission system with immediate correction in the SOK code	1974
19750079486	Calorizing of titanium with high speed electric heating	1974
19750079487	The functional possibilities of operating systems in real time	1974
19750079488	Features of the measurement of pressure in electric-arc heaters	1974
19750079489	The interaction of an arc column with the longitudinal flow of compressible gas	1974
19750079490	The structure and properties of the VKh4 alloy after calorizing	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079491	High speed microprogram memory unit	1974
19750079492	Training in the industrial environment or welcome to mini-land	1974
19750079493	A volume of selected papers on cloud seeding	1974
19750079494	Switch, rotary, miniature on 2 pole/3 position/1 section 8 amps at 28 VDC index, 30 degrees	1974
19750079497	Mechanics of erosion, phase 2 (U)	1974
19750079498	Compatibility tests of AN/GSC(V) asynchronous time division multiplexer (U)	1974
19750079500	Static stability and drag characteristics of a proposed integral rocket/Ramjet missile at Mach numbers 1.5 to 4.0 (U)	1974
19750079501	Night vision sight (AN/TAS-3) operational test 2 (OT 2) report (U)	1974
19750079504	Semitransparent 3-5 photocathode materials (U)	1974
19750079505	AN/TSQ-73 (missile minder) air defense command and control system operational test 2A OT 2A test report and independent evaluation (U)	1974
19750079506	Feasibility demonstration of a slant range optical proximity sensor (U)	1974
19750079507	Advanced turbine gas generator (ATEGG) program. Volume 2: ATEGG 9, minor options (U)	1974
19750079508	Advanced Turbine Engine Gas Generator (ATEGG) program. Volume 1: ATEGG 9, GMA200 compressor design and fabrication, GMA200 gas generator design (U)	1974
19750079509	X-band phased array, semi-active missile seeker development (U)	1974
19750079515	Field performance evaluation of the TINTS night sight (U)	1974
19750079519	Service life test of M58A2 rocket motor (AIM-4A/D missiles) phase 16 (U)	1974
19750079524	Unstable ring resonator technology (U)	1974
19750079527	Navy nuclear weapons effects program annual report, fiscal year 1974 (U)	1974
19750079534	Measurements and implications of the effects of ionospheric dispersion on speed measurements by OTH-B radar (U)	1974
19750079546	Airborne gathering of specific target and background data using the polyfrequency radar device. Volume 1. Program description (U)	1974
19750079547	Airborne gathering of specific target and background data using the polyfrequency radar device. Volume 2. Program results (U)	1974
19750079548	Airborne gathering of specific target and background data using the polyfrequency radar device. Volume 3: Program studies (U)	1974
19750079554	Multi-mission radar weapon delivery upgrading and flight test program. Part 3. Flight test (U)	1974
19750079555	Multi-mission radar weapon delivery upgrading and flight test program. Part 4. Fighter. Attack reconnaissance module adaptive radar (FARMAR) aircraft study (U)	1974
19750079565	IOT and E of the AN/MLQ-T2 jammer (U)	1974
19750079570	Proceedings of the Annual joint Electronic warfare conference 19th. Volume 4: Receivers, ESM and miscellaneous (U)	1974
19750079572	An evaluation of USAF energy laser applications. Appendix F: Weapon effectiveness evaluation (U)	1974
19750079578	DNA view of premp (U)	1974
19750079646	Strapdown inertial sensing unit	1974
19750079647	The 25mm power manufacturing, inspection procedures, time study and drawing package, volume 3	1974
19750079657	An investigation of the feasibility of an automatic patching system for the COMCOR Ci-5000 analog computer	1974
19750079660	Engineering analysis of selected advanced propulsion concepts	1974
19750079661	Integrated circuit electromagnetic susceptibility investigation. Phase 2: Package effects study	1974
19750079662	Integrated circuit electromagnetic susceptibility investigation. Phase 2: Pulse interference study	1974
19750079663	Integrated circuit electromagnetic susceptibility investigation. Phase 2: MOS NAND gate study	1974
19750079664	Integrated circuit electromagnetic susceptibility investigation. Phase 2: Test and measurement systems	1974
19750079665	Charge Coupled Devices (CCDs) in Navy memory applications	1974
19750079667	Target reference system for radar correlation	1974
19750079668	PS-1, its tradition and technology	1974
19750079669	Development test 2 (engineering phase) of night vision sight, individual served weapons, AN/PVS-4	1974
19750079673	High-speed electrodynamic cut-off devices	1974
19750079674	US Army automotive storage battery and electrical component programs	1974
19750079675	On a method of reading out multivalued response from associative memories	1974
19750079676	Proceedings of the conference on fibrous composites in flight vehicle design, 2d	1974
19750079678	Interference Cancellation. Volume 1: Analysis and breadboard design	1974
19750079679	GMLS MK 26 blowout hatch, pressure release devices, strike-down pivot piston cover, and open blast door stop test program	1974
19750079680	Monthly record: Meteorological observations in Canada, March 1974	1974
19750079682	Acoustic damping for pulsed electric discharge lasers	1974
19750079684	Contemporary concepts about the mechanism of nucleate boiling of liquids	1974
19750079685	Characteristics of a series of synchronous generators of elevated frequency with minimum mass	1974
19750079686	Electrical generators with heat-resistant insulation	1974
19750079687	Experience in the organization of ASU's in Uzbekistan	1974
19750079688	L-band radio architecture study, volume 2	1974
19750079689	A cooperative terminal information transfer system	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079690	Qualification test requirements on microelectronic circuit, gate, monolithic circuits (NOC) glass dual-in line	1974
19750079706	Remote settable fuze communication link system (talking fuze)	1974
19750079707	The 400 HZ high voltage distribution system electromagnetic interference measurements	1974
19750079716	Integrated circuit electromagnetic susceptibility investigation. Phase 2: MOS/hybrid study	1974
19750079717	Integrated circuit electromagnetic susceptibility investigation. Phase 2: Susceptibility survey study	1974
19750079719	Investigation of carcinogenic materials used in the maintenance of Naval aircraft	1974
19750079720	Silicon nitride as a bearing material	1974
19750079721	Collection of vibration surveys and letter reports for 1974	1974
19750079728	Evaluation of new glass in teledyne diode IID 479-1045	1974
19750079731	Qualification status of cartridge actuated devices	1974
19750079734	C-5A flight control report (aerospace vehicle): Flight control subsystem, volume 1, addendum 5	1974
19750079739	Inductor, Toroidal on 1.0H at 1 KHz at 1.0 VRMS	1974
19750079741	Middle gust free-field data analysis	1974
19750079743	Department of Defense space shuttle on-board software requirements study. Volume 1: Study summary	1974
19750079744	Department of Defense space shuttle on-board software requirements study. Volume 2: Proposed change pages to DOD space shuttle on-board software requirements (October 1974)	1974
19750079745	Department of Defense space shuttle on-board software requirements study. Volume 3: Assessment of NASA on-board software	1974
19750079746	Department of Defense space shuttle on-board software requirements study. Volume 4: DOD operational computer software specifications	1974
19750079747	Department of Defense space shuttle on-board software requirements study. Volume 5: Effects of DOD software requirements on the NASA development baseline	1974
19750079748	Department of Defense space shuttle on-board software requirements study. Volume 6: Recommended alternate software design approaches to reduce recurring costs	1974
19750079751	Real time tactical operating systems study	1974
19750079754	Notching machine manufacturing methods	1974
19750079756	Transportable electromagnetic pulse simulator (TEMPS) preliminary field mapping report	1974
19750079760	Exploratory aerodynamic investigations of fighter buffet and devices for transonic maneuvering augmentation	1974
19750079763	Dynamic phase separation and generation of electromagnetic waves in thin current bearing superconducting films	1974
19750079764	The C-5 inertial measurement unit and control-power supply relocation	1974
19750079765	Electronic balancing H-3 and H-53 rotor assemblies	1974
19750079766	COMSEC controller for multiple radios	1974
19750079768	Feasibility evaluation of real time imaging for neutron radiographic inspection of naval aircraft	1974
19750079769	Near earth orbit battery for satellite secondary power	1974
19750079770	Development of high temperature addition cured adhesives	1974
19750079772	Synthetic preparation of large, flawless crystals	1974
19750079773	Development test 2 (service phase of) individual survival vest for aircrewmembers	1974
19750079778	F-4 operational conformal carriage preliminary design study	1974
19750079779	SPIRAPHASE antennas for lenses, phase 2	1974
19750079781	Program summary for control configured vehicle concepts applied to fighter aircraft	1974
19750079783	MX-9331 (/)URC regenerative repeater	1974
19750079785	Advanced development model electrically suspended gyro navigator initial results of evaluation aboard the USS COMPASS ISLAND (AG-153) during January through May 1974	1974
19750079786	Series of reports on metallurgy by Gebr. Boehler and Co. AG, Vienna	1974
19750079787	Application of glass and ceramics as materials for construction	1974
19750079789	Low frequency noise measurements in semiconductor samples with a low resistance and low noise level in the low frequency range	1974
19750079791	Global positioning system GPS, part 2. Volume C: Control segment trades and analyses	1974
19750079792	Development of lift fan dynamic test techniques	1974
19750079793	An investigation of HF interference to AN/TRC-97 microwave equipment	1974
19750079794	Irradiation effects on reactor structural materials	1974
19750079795	New Bulgarian sloped rhomb antenna	1974
19750079796	DNA EMP (electromagnetic pulse) handbook. Volume 3: Environment and applications, chapter 21	1974
19750079798	The equipotential surfaces of the earth according to the integral equation for the gravimetric correction term and other procedures	1974
19750079799	Robotron system review	1974
19750079800	Work function of a single crystal of the metal compound epsilon phase in the molybdenum-rhodium system	1974
19750079801	Applications of pulsed holography to the investigation of dynamic particle fields	1974
19750079802	Investigating the effect of holders on the base pressure and longitudinal moment of bodies of revolution at an angle of attack	1974
19750079803	The effect of higher harmonics of the resultant field in an air gap of a turbogenerator under load on the magnetizing force of cogs of the rotor	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079807	Data management information system for Air Force operational test and evaluation. Volume 28: Parts 3 and 4	1974
19750079808	Flight simulator for training the gunner on P.36 type S.11 systems	1974
19750079809	An operational amplifier using integrated thermionic circuits	1974
19750079810	Reduced order estimators and their application to aircraft navigation	1974
19750079812	Electron-microscope study of the fine structure of tungsten single crystals cultivated by the method of plasma-arc melting	1974
19750079813	Development of high temperature functional fluids	1974
19750079818	Combat theater ground communications analyses for transmission subsystems. Volume 3, appendix a, part 2	1974
19750079819	Combat theater ground communications analyses for transmission subsystems. Volume 3, appendices B, C, D	1974
19750079820	Combat theater ground communications analyses for transmission subsystems. Volume 2, part 1	1974
19750079821	Pamphlet on technology, applied physics, physical chemistry, chemistry	1974
19750079822	Preparation thorium oxide cathodes by electrophoresis	1974
19750079823	Rivet gyro, phase 5, F-111 TFR, F-111 AAR-34, T-38 two gyro platform	1974
19750079824	Plasma physics: Effect of the reduction of ionization energy on the continuous radiation of an argon plasma	1974
19750079828	Effect of porosity in aluminum alloy 5456 weldments on fatigue strength in air and sea water	1974
19750079829	Mill cove high frequency radio noise survey	1974
19750079830	Digital signal processor designs for radar applications, volume 2	1974
19750079831	Digital signal processor designs for radar applications, volume 1	1974
19750079832	The 500 ton Arctic SEV configuration study. Volume 1. Program summary	1974
19750079833	The 500 ton Arctic SEV configuration study. Volume 3. Model test program	1974
19750079834	The 500 ton Arctic SEV configuration study. Volume 5. Appendices	1974
19750079835	The electric vehicle: Transportation of the future	1974
19750079836	State of the art of the HELIOS probe system	1974
19750079837	Dropwise disintegration of concentric liquid films	1974
19750079838	New method for the storage of liquids: Plastic tanks manufactured by Winding	1974
19750079839	Plastic waste recovery	1974
19750079840	Parachute Altitude Recognition System (PARS)	1974
19750079841	Lead acid storage cells and batteries used as electrical power source in railroad cars	1974
19750079842	Organization of control in the analog computer which operates in the composition of the hybrid computing system	1974
19750079845	Free flight rocket technology program: Aeroballistics directorate FY-74 activity report	1974
19750079846	Turbulent mixing and reacting flow characterization	1974
19750079847	Feasibility study for a high power, low temperature thermoelectric cooler	1974
19750079848	Quarterly progress notes, 1 July 1974 - 30 September 1974	1974
19750079849	Kink instability of a cylindrical Tokamak with an arbitrary current distribution	1974
19750079850	Two-dimensional stability of ion-acoustic solutions	1974
19750079851	Conceptual design of the vertical field control system in JIPPT-2	1974
19750079853	Parts evaluation report capacitors	1974
19750079857	Sputtering technology for improved electron devices	1974
19750079859	Component evaluation report on resistors variable, composition singleturn, linear .02-.05 watt	1974
19750079860	Wave-soldered versus tin-plated wire wrap terminal evaluation	1974
19750079864	High strength carbon ablative materials. Part 1: Oriented single phase compacts from acrylic fibrous precursors	1974
19750079865	Development of low flow, low pressure cure laminating resin system	1974
19750079866	An automated system for the optimization of wing pivot systems. Volume 1: Background and methodology	1974
19750079867	North seeking gyro latitude sensitivity	1974
19750079868	A low cost TV guided weapon delivery system, FY 1974	1974
19750079878	Demonstration of a 500 W to kN CO laser	1974
19750079881	Allen-Bradley, type CC resistors, evaluation for sample approval, plus or minus 1 percent, 1/8W	1974
19750079886	Accuracy of stereoplotting instruments from VEB Carl Zeiss Jena	1974
19750079888	Screening RF1 filters on filters, electrical, radio freq., NOC, low pass, fixed	1974
19750079891	Temperature and pressure profiles obtained during burn of a SPARROW MK 38 MOD 0 or MOD 1 motor in a 15,300 cubic-foot magazine, part 1	1974
19750079892	Development of an in-situ electrochemical method to determine embrittling hydrogen in steel weldments and structures (barnacle electrode)	1974
19750079893	Passive sonar detection display studies	1974
19750079895	Frequency and noise properties of silicon P-N-avalanche and pin-photodiodes	1974
19750079896	Hydrogen evolution on heating Raney nickel catalyst	1974
19750079897	Spontaneous helicopter descent	1974
19750079898	Quick-testing method to determine concrete strength using fresh concretes	1974
19750079899	A plastic bag that decomposes out of doors	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079900	F-5E initial operational test and evaluation	1974
19750079901	Development, evaluation, and durability studies of a low emissions, naturally aspirated L-141 Texaco controlled combustion system engine in an M-151 vehicle	1974
19750079902	Adaptive VFP	1974
19750079904	Development and characterization of materials resistant to supersonic erosion	1974
19750079905	Analysis of AN/TPN-22 antenna system	1974
19750079908	The present state of hybrid computer technology	1974
19750079909	Study of the crystalline and magnetic structure of single crystals of type RC05 compounds	1974
19750079910	Tridimensional projection of disturbed flat trajectories of the armbrust projectile	1974
19750079912	A formalized reliable analysis of algorithmic processes	1974
19750079913	Holographic interferometry of a moving electric arc	1974
19750079914	Minimization of systems of Boolean functions on a general-purpose digital computer	1974
19750079915	Durability studies of adhesive bonded metallic joints	1974
19750079916	The performance of adsorptive vapour filters. Part 2: The retention of small doses of vapour by filters	1974
19750079918	Development of low viscosity, high oxygen content, curable prepolymers for use as pyrotechnic binders	1974
19750079919	B-1 1/5 scale model system	1974
19750079920	Materials and process development and evaluation report	1974
19750079922	Effect of mist formation on the condensation of cesium from an argon stream	1974
19750079923	Effect of chemical composition and temperature on oxygen solubility in multicomponent systems	1974
19750079924	Contact tool setter	1974
19750079925	A low speed turbine for helicopters	1974
19750079926	Fatigue testing of metals at ultrasonic frequency	1974
19750079927	High Temperature polymeric coating materials	1974
19750079928	Interference cancellation. Volume 2: Antenna range and laboratory experiments	1974
19750079929	USN/USMC future data systems requirements and their impact on the All Applications Digital Computer (AADC)	1974
19750079931	Comparison between the mechanical properties of type 316 and type 321 steel	1974
19750079932	Safety engineering	1974
19750079933	HEDL quarterly technical report, July, August, September 1974, volume 4	1974
19750079934	Fabonacci random-number generator	1974
19750079935	FFTF materials archive program	1974
19750079939	Evaluation of SPTF heater standoff design	1974
19750079941	Steady-state and transient fuel mechanics: The BEHAVE-3 code	1974
19750079943	Analysis of constant speed drives in electrical generating and engine starting modes	1974
19750079945	The effect of load dwells during fatigue crack propagation	1974
19750079946	Protection of missile domes from rain erosion damage by means of aerodynamic break-up of drops	1974
19750079947	The design and aerodynamic characteristics of the RAE 5215 aerofoil	1974
19750079949	Fatigue crack initiation and propagation in notched specimens of aluminum alloys DTD 5020, 5050, and 5090	1974
19750079950	Experimental and theoretical studies of the boundary layer on a flat plate at Mach numbers from 2.5 to 4.5	1974
19750079951	The subsonic base drag of cylindrical twin-jet and single-jet afterbodies	1974
19750079952	The effect of load power factor on solid state contactor operation	1974
19750079953	The influence of fibre waviness on the moduli of unidirectional fibre reinforced composites	1974
19750079955	A study of the stress corrosion cracking of three aluminum plate alloys using a variety of tests	1974
19750079956	The rates of descent of five different emergency parachutes	1974
19750079957	A digital serial to parallel interface	1974
19750079958	Victor K MK 2 XL 231 handling, autopilot and performance trials for initial CA release, part 1	1974
19750079959	The fatigue behaviour of aluminum alloy 2024-T3 clad with 99.8 aluminum and with aluminum 1 manganese 0.1 zirconium alloy	1974
19750079961	A review of the work in the United Kingdom on the fatigue of aircraft structures during the period May 1971 to June 1973	1974
19750079962	Hercules C MK 1 airdrop of the Falcon inflatable boat	1974
19750079964	Bulldog T MK 1 XX 513 navigation and radio CA release trials, part 3	1974
19750079965	Nondestructive determination of the void content in carbon fibre reinforced plastics by measurement of ultrasonic attenuation	1974
19750079966	A primal-dual method for minimum weight design of statically determinate structures with several systems of load	1974
19750079967	Sonic bang information gleaned from two flights by the Concorde along the English Channel in autumn 1973	1974
19750079968	On the elastic moduli of unidirectional fibre reinforced composites	1974
19750079969	The resistance of carbon fibre reinforced plastics to certain aviation fluids	1974
19750079970	Geometrical effects on the wear of polymers and carbons	1974
19750079971	Some crack resistance curves of sheet compact tension specimens of aluminum alloys 7475-T761, 2024-T3 and 2024-T81	1974
19750079972	The tolerance of the general public to a speed differential between adjacent floors, with special reference to pedestrian conveyors. Exploratory and preliminary experiments	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079973	A conical gas bearing for an inertial quality gyroscope	1974
19750079974	Low-speed wind-tunnel measurements of wing-strut mutual interference effects on tare loads and moments	1974
19750079975	A digital computer program for the parameter optimisation of aircraft control systems	1974
19750079976	The effect of water on carbon fibre composites. Part 3: Changes in interlaminar shear strength of epoxy, vinyl ester, furan and Friedel-Crafts composites after immersion in water at elevated temperatures	1974
19750079977	Collected data on the RAE polyimide resin 212 system	1974
19750079978	The effect of hail impact on air data sensors	1974
19750079979	Notes on the radiation patterns of HF aeriels installed on helicopters	1974
19750079980	Effect of austenite grain refinement on the plane strain fracture toughness and other mechanical properties of 300M steel	1974
19750079981	The application of a surface flow-visualisation technique in flight	1974
19750079982	Structural representation of a wing with stores in normal-mode calculations	1974
19750079983	Towards a satisfactory finite element for thin shell applications	1974
19750079984	The optimisation of statically indeterminate structures by means of approximate geometric programming	1974
19750079985	Obstacle clearance criteria for ILS operations at civil airports	1974
19750079986	Factors affecting the elimination of hydrogen fluoride from a vinylidene fluoride/hexafluoropropene/tetrafluoroethylene terpolymer	1974
19750079990	An example of the effect of wind tunnel model manufacturing accuracy on measured and estimated surface pressures	1974
19750079991	The SKYNET 2 attitude and orbit manoeuvre program pulse 2	1974
19750079992	A guide to aircrew equipment field trials	1974
19750079993	A photographic granularity measuring system based on standard apparatus	1974
19750079996	Airdrop trials of the RFD/GQ Ltd. Unicross Type B parachute	1974
19750079998	Canberra PR9 navigator's station. Part 2: Further blower tunnel ejections with the MDC system	1974
19750080036	Scientific and technical information output of the Langley Research Center for calendar year 1974	1974
19750080039	Station set requirements document. Volume 32: SRB retrieval and disassembly	1974
19750080040	The effect of simulated aerodynamic heating on the strength of L65 aluminum alloy	1974
19750080074	An annotated bibliography on monopropellant hydrazine technology	1974
19750080080	A comparison of experimental results on two supercritical aerofoils, RAE(NPL) 9595 and 9530	1974
19750080094	Journal of the Royal Naval Scientific Service, volume 29, no. 5 (U)	1974
19750080095	The corrosion of couples of carbon fibre reinforced plastics and metals	1974
19750080096	Experimental results on dielectric-loaded antennas with reduced dimensions	1974
19750080097	Defense applications of the MIRFAC language	1974
19750080098	The effect of water velocity on the settlement of swarms of the green alga Enteromorpha	1974
19750080099	Journal of the Royal Naval Scientific Service, volume 29, no. 2 (U)	1974
19750080100	Stress wave analysis, part 2 (U)	1974
19750080101	Carbon dioxide and nuclear submarines (U)	1974
19750080102	Electron beam semi-conductor devices (U)	1974
19750080103	Exploring the deep oceans (U)	1974
19750080104	Static friction, wear and boundary lubrication in instrument self-acting gas bearings	1974
19750080105	Early electrical current sources (U)	1974
19750080113	Journal of the Royal Naval Scientific Service, volume 29, no. 6 (U)	1974
19750080114	The design of an omni-directional UHF wrap-around antenna	1974
19750080115	The operation of the SRN3 hovercraft at the Interservice Hovercraft (Trials) Unit	1974
19750080116	Statistics of reliability assessment	1974
19750080128	Experimental navigation reference unit	1974
19750080134	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage	1974
19750080135	Production Engineering Measure (PEM), power supplies for 18 and 25 mm second generation image intensifier tubes	1974
19750080137	Bistatic thinned linear array (BISTAR) investigations	1974
19750080138	Development test 2 (engineering phase) of improved 2.75 inch rocket system	1974
19750080141	Development test 2 (service phase) of night vision sight, crew served weapons, AN/TVS-5 (second generation)	1974
19750080148	Test and evaluation of three solution color chemistry kits and resin coated base color papers	1974
19750080151	Sprint baseline program Raytheon semiconductor corporation 11177680	1974
19750080156	Development of disc Transorb (trademark) for TPD applications in EMP suppression	1974
19750080157	Research and development of new seal materials for surface effect ships and Arctic surface effect vehicles, part 2	1974
19750080161	Low cost small turbine engine component development	1974
19750080162	Development of a 1093C (2000F) prototype microphone transducer, phase 2	1974
19750080164	Device for influencing the frequency characteristics of electroacoustic transducers	1974
19750080166	Digital Conferencing units	1974
19750080167	Electronic Warfare Information System (EWIS)	1974
19750080168	Initiative helps in work	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080169	The use of the method of partial reflection for investigating the D-region of the ionosphere disturbed by powerful radio waves	1974
19750080170	Operational appraisal of the AN/SRA-62 UHF antenna group	1974
19750080172	Parallel operation of silicon devices at high power frequencies	1974
19750080173	Design study of a rotary reciprocating thermal compressor	1974
19750080175	Metric standards conversion program	1974
19750080185	Reliability test report for 1024 bit electrically alterable non-volatile memory with output buffer MNOS	1974
19750080186	Evaluation test, phototransistor opto-isolator	1974
19750080187	Parts evaluation report, transistor, Hewlett Packard, semiconductor, transistor, high frequency, silicon, NPN, diffused, ceramic	1974
19750080188	Parts evaluation report, diodes	1974
19750080191	Sprint baseline program, Raytheon Semiconductor Corporation 11177083	1974
19750080192	Sprint baseline program, Raytheon Semiconductor Corporation 11177684 on microelectronic circuit, pulse shaper, monolithic circuits NOC, glass, dual in-line	1974
19750080193	Sprint baseline program, Raytheon Semiconductor Corporation 11177685 on microelectronic circuit, pulse shaper, monolithic circuits NOC, dual in-line	1974
19750080194	Sprint baseline program	1974
19750080195	Sprint baseline program, Raytheon Semiconductor Corporation 11400112	1974
19750080196	Sprint baseline program, Raytheon Semiconductor Corporation 11400113	1974
19750080197	Component parts information bulletin, issue no. 5	1974
19750080199	A balloon-borne cryogenically cooled filter radiometer	1974
19750080200	Bubble memories and government applications	1974
19750080202	Tests in progress sheets	1974
19750080203	Linear and nonlinear characteristics of silicon IR detectors	1974
19750080208	Raytheon acceptance, test evaluation for RA2011 on microelectric circuit, amplifier, monolithic circuits NOG, glass-dual-in-line	1974
19750080214	Radomes for high gain arrays	1974
19750080215	Crew escape module retro rocket motor	1974
19750080217	Line-of-sight probabilities and characteristics. Volume 1. Data base and computer model development	1974
19750080218	Line-of-sight probabilities and characteristics. Volume 2. Sample calculations and characteristics	1974
19750080221	Computer program for NORSAM model. Volume 1, Book 2. Appendixes A and B	1974
19750080222	Computer program for NORSAM model. Volume 2. User's manual	1974
19750080228	The aerodynamic damping moment in pitch of a rigid helicopter rotor in hovering	1974
19750080229	Evaluation of PRC dry-cell batteries	1974
19750080230	Electrolysis of dehydrated phosphorus oxychloride and thynyl chloride	1974
19750080231	Current and long-range problems with the operation of electrical vehicles	1974
19750080233	Strengthening glass by fluid-tempering	1974
19750080234	On the economy and precision of orthophoto map production	1974
19750080235	Pseudo random signal generator	1974
19750080236	Electric cars	1974
19750080237	Millimeter wave radar model CPSH-4H	1974
19750080238	Production of activated manganese dioxide by chemical means	1974
19750080241	Soviet topaz thermionic reactor	1974
19750080242	Activation energy and the pre-exponential factor of the hydrogen evolution reaction of gallium and its alloys	1974
19750080243	Thermomechanical treatment of aluminum-zinc-magnesium alloys	1974
19750080246	Model DI-10, distomat infrared distance measuring device, September 1974	1974
19750080247	A low-cost GaAs laser rangefinder	1974
19750080249	Engineering design test of the confirming sensors (imaging) for the remotely monitored battlefield sensor system rembass	1974
19750080250	Expectancy, memory trace and confidence in a continuous recognition task	1974
19750080253	Computations of theoretical earth tides and their accuracy	1974
19750080254	Determination of astronomic longitudes, azimuths, and latitudes from 1965 to 1970	1974
19750080260	Mini-RPV ground antenna study	1974
19750080264	Vector averaging current meter	1974
19750080265	Vortex-shedding current meter	1974
19750080271	Advanced analysis of SLR changes	1974
19750080276	Computer programs for calculating small disturbance transonic flows about oscillating airfoils	1974
19750080278	Development of Disc Transzorb (trademark) for TPD applications in EMP suppression	1974
19750080280	Integrated circuit electromagnetic susceptibility investigation, phase 2. Bipolar NAND gate study	1974
19750080281	Integrated circuit electromagnetic susceptibility investigation, phase 2. Bipolar op amp study	1974
19750080282	Terminal guidance for Naval projectiles, STCP long range yaw card test	1974
19750080285	Color balance errors and color balance error tolerances in color film: Their definition and the possibility of their graphic representation in a tolerance diagram	1974
19750080286	Soil stabilization in the Zulawy region	1974
19750080288	SOS/MOS modeling for circuit design	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080289	B-52 aeroelastic model dynamic response wind tunnel test data	1974
19750080290	CCD signal processors	1974
19750080291	Development of a DOT block oriented random access memory system	1974
19750080294	Manufacturing methods program for production of high resolution camera tubes. Volume 2: Parts list and drawings	1974
19750080295	Mechanical and thermal properties of MOD 3a, a pierced fabric carbon-carbon material	1974
19750080296	Development Test (DT) 2 (service phase) of radar test set AN/TRM-25	1974
19750080297	Terminal homing engineering flight test MT7 missile with Army Laser Seeker, 16 November 1973	1974
19750080298	The 500 ton arctic SEV configuration study. Volume 2: Configuration development	1974
19750080300	T58 engine 1974 component improvement programs	1974
19750080301	DOD STS ground operations study: Recommended concept, sitting arrangement and acquisition plan: Technical data, book 1	1974
19750080302	Accelerated Service test (AST) of the CH-53D helicopter with T64-GE-413 engines installed	1974
19750080303	A review of ablation phenomena and analytical models available for high temperature material analyses	1974
19750080305	High explosive retrolaunchers used as the cloud detonator subsystem on a fuel-air explosive weapon	1974
19750080306	A simplified propagation model for laser system studies. Supplement	1974
19750080311	Failure analysis of F402-RR-400 first stage turbine blades	1974
19750080333	Proposed instrument to measure the life of gun tubes	1974
19750080340	Methodology study of real-time data acquisition systems	1974
19750080341	Methods for determining probability density functions of complex waveforms	1974
19750080342	Projectile measurements and instrumentation laboratory mass property measurements	1974
19750080343	Near-zone radar cross-section technique development	1974
19750080344	Determining the feasibility of three methods for detecting coating continuity on M205 cartridge cases	1974
19750080346	Evaluation of type 5410B digital nand gate	1974
19750080356	Qualification test report, C3 destruction inverter, on power supply, electrical, rotating, inverter, 0-3 KHz, 100-1,000 watts	1974
19750080357	Reliability test report, capacitor, fixed, electrolytic P/N's 22112/1-225D and 22112/1-105B on capacitor, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount contractor hi-rel	1974
19750080358	Reliability test report, fuse, electrical, axial leads, AGC-21307/1 testing for upgrading to AGC-21307/1-1	1974
19750080359	Life and qualification test report. Motorola discrete chip resistors	1974
19750080362	Improved Shrike rocket motor Mark 78 Mod 0 qualification motor processing	1974
19750080364	Binderless graphite development	1974
19750080377	Development Test 2 (DT 2) integrated Engineering/Service phases (ES) of the Variable Speed Training Target (VSTT) contractor design, NV-123	1974
19750080382	Production assessment test report on semiconductor diode, rectifier, silicon, diffused, plastic	1974
19750080383	Production assessment test report on resistor, fixed, wirewound, NOC molded, 1-2 watts	1974
19750080384	Production assessment test report on resistor, fixed, wirewound, precision, molded, .50-1 watt	1974
19750080385	Production assessment test report on resistor, fixed, wirewound, precision, molded, .50-1 watt	1974
19750080386	Production assessment test report on resistor, fixed, wirewound, NOC, molded, 1-2 watts	1974
19750080387	Production assessment test report on resistor, fixed, wirewound, NOC, molded, 1-2 watts	1974
19750080388	Production assessment test report on resistor, fixed, wirewound, NOC, molded, 1-2 watts	1974
19750080389	Production assessment test report on resistor, fixed, wirewound, precision, molded, .50-1 watt	1974
19750080395	Initial verification of intersymbol interference-filter distortion model and digital-receiver bit error probability model	1974
19750080397	Navy evaluation of AN/ARC-174 (Collins 718 U-5) HF transceiver installed in the SH-3H helicopter, effects of salt water landing on SH-3H helicopter	1974
19750080398	Mighty mite series, pre-mine dust event, heat sink quenching of HE explosives	1974
19750080401	Aircraft periodic depot level maintenance study	1974
19750080402	AN/TPS-59-XN-1	1974
19750080403	AN/TPS-59 XN-1	1974
19750080404	AN/IPS-59 XN-1	1974
19750080405	Production engineering measure for mechanized production and test equipment for time setting potentiometers (cermet)	1974
19750080408	Improved insulator materials requirement program	1974
19750080409	Low cost module design study	1974
19750080414	On-board sources of electrical supply	1974
19750080415	An optical holographic instrument to replace the test glass in lens fabrication	1974
19750080420	Production assessment test report on resistors, fixed, wirewound, NOC, molded, 1-2 watts	1974
19750080423	Production assessment test report on semiconductor, special types of, matched silicon, planar, epitaxial	1974
19750080436	PEM for automation of production for multialkali photocathode processing	1974
19750080439	Analysis of gas turbine engine failure modes	1974
19750080449	Engineering evaluation of NERVA Bergen MN-87 radar chronograph	1974
19750080452	Magnetic bubble research	1974
19750080456	Manufacturing methods and technology measure for silicon pin quadrant photodetectors	1974
19750080460	Advanced composite aircraft conceptual design study	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080464	Determination of satellite observables. Volume 7: The effects of the optical train on photometric signatures	1974
19750080467	Operation of an infrared thermal scanner for plume measurements	1974
19750080469	Split-block ring laser investigation	1974
19750080471	Metallographic interpretation and analysis of weld metal cracking in HY-130 steel	1974
19750080473	The 2.1 micrometer holmium YAG laser device	1974
19750080475	Universal plastic noise suppression headgear	1974
19750080476	Thermomechanical treatment of 40KhNMA and 30KhGSA steels in different smelting methods	1974
19750080495	Manufacturing methods and technology measure for large area silicon avalanche detectors	1974
19750080496	Manufacturing methods and technology measure for improved 18 mm microchannel plates with solid border	1974
19750080497	Experiences with new markings and gravure tools for coordinatographs	1974
19750080498	The MAN electro-bus: Concept and first experience	1974
19750080499	Military applications of polymers	1974
19750080501	High Altitude Supersonic Target (HAST) phase 2	1974
19750080505	Concurrent initial production test and product improvement test of searchlight, AN/TSV-3	1974
19750080506	Experimental verification of infrared plume predictions for a rocket engine	1974
19750080507	Advanced Airborne command post (AABNCP) phase 1A-2 E-4A flight test evaluation	1974
19750080512	Thermal degradation of polymers using mass spectroscopy-thermogravimetric analysis techniques	1974
19750080514	Production test assessment test report on capacitor, fixed, electrolytic, Tantalum, solid, hermetically sealed, lead mount, contractor hi-rel	1974
19750080517	Production assessment test report on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1974
19750080521	Production assessment test report on semiconductors, special types of, field effect, silicon, planar epitaxial	1974
19750080522	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1974
19750080525	Production assessment test report on resistor, fixed, wirewound, precision, molded, .50-1 watt	1974
19750080526	Production assessment test report on resistors, fixed, wirewound, precision, molded, .50-1 watt	1974
19750080528	Macro-segregation in steel plates	1974
19750080529	Some special formulas of the England class of fifth order Runge-Kutta schemes	1974
19750080532	Computer program for NORSAM-3 model, volume 2. Book 1: Appendices A and B	1974
19750080537	Production assessment test report on capacitor, fixed, film, metalized, molded, lead mount, contractor hi-rel	1974
19750080540	Military generators	1974
19750080541	The KRS 4100 small controlling and computing system with photogrammetric stereo	1974
19750080542	Second generation night vision sight, individual served weapons, AN/PVS-5(V)	1974
19750080544	Hermetic microwave circuit packages	1974
19750080549	Methodology investigation of RF susceptibility of Army material	1974
19750080551	Testing of the WP-3A type Omega-VLF windsensing dropsonde	1974
19750080554	Evaluation of a turbocharged Texaco controlled-combustion system engine in an automatic transmission equipped M-151 vehicle	1974
19750080563	Defense energy information system: A preliminary analysis. Volume 2: Special report to the Defense Energy Task Group	1974
19750080564	Radar precision fix	1974
19750080565	Investigation of hearing loss among CHSS-2 (CH 124) Sea King helicopter aircrews of HS-50 and VT 406 squadrons CFB shearwater (U)	1974
19750080566	Evaluation of hyperbaric overboard exhaust regulators (U)	1974
19750080568	Environmental and acoustic atlas of the North Atlantic Ocean and Norwegian and Mediterranean Sea (U)	1974
19750080572	Air-to-air weapons effectiveness test (AIRVAL). Spatial IR signature analysis (U)	1974
19750080575	Forward Looking Advanced Multimode Radar (FLAMR) analysis - filter design and evaluation (U)	1974
19750080576	Characteristics of reference keys for use in the interpretation of infrared imagery (U)	1974
19750080579	Manufacture of PCDE prepolymer (U)	1974
19750080587	Welding of NQ2 (100 KSI) steel with 1/16 inch AX110 wire submerged ARC with oerlikon OP41TT flux MIG spray transfer with argon 2 percent O2 shielding gas (U)	1974
19750080588	Infrared sensor for SADARM (U)	1974
19750080598	Independent evaluation of the Air Defense Command and Control system AN/TSQ-73 (U)	1974
19750080601	Target tracking techniques (U)	1974
19750080604	Grain Burn Pattern Regulation (GBPR), additional developments (U)	1974
19750080605	Acoustic properties of headgear 33. Aireded airlite 62, airlite 71, and airgard headsets and roanwell 5965-21-856-0068 headset, 3433 (U)	1974
19750080606	The speech intelligibility characteristics of three microphone systems in high level ambient noise environments (U)	1974
19750080616	Multi-mission radar weapon delivery upgrading and flight test program. Part 1: System description (U)	1974
19750080617	Multi-mission radar weapon delivery upgrading and flight test program. Part 2: Verification test results, laboratory phase (U)	1974
19750080623	Target description and vulnerable area analysis of the MIG-19S aircraft. Volume 2. Appendixes (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080625	Air-to-air missile fuze sensor (U)	1974
19750080627	Models of acoustic deception and ASW support in a task group operating area (U)	1974
19750080628	Strontium chromate as a biocide for aircraft fuel tanks (U)	1974
19750080633	F-4 countermeasures dispenser test (U)	1974
19750080636	Have Cake special aircraft, phase 2 (U)	1974
19750080637	QRC-73-05 (U)	1974
19750080654	AN/FPS-95 research and development program (U)	1974
19750080661	Radar cross section measurements on rotor blade AH-1G (U)	1974
19750080678	ECCM performance handbook (U)	1974
19750080681	Project TEAL WREN, phase 1 results (U)	1974
19750080689	Ocean Surveillance Information System (OSIS) communications subsystem: A functional description, Phase 1 (U)	1974
19750080698	Search, acquisition, tracking and line of sight transfer study program (U)	1974
19750080700	Aeronautical systems technology needs materials. ASD/laboratory technology panel meeting (U)	1974
19750080705	Laser quick look (U)	1974
19750080707	Long range stabilization study (U)	1974
19750080717	The 3.8-micrometer thermal effects (U)	1974
19750080728	TISEO-aided command/guidance (TAC/G) critical elements study. Volume 1: System study (U)	1974
19750080732	Hi Hi Star (U)	1974
19750080743	An overview and performance analysis of remotely piloted vehicle data lines, volume 1 (U)	1974
19750080744	An overview and performance analysis of remotely piloted vehicle data link, volume 2 (U)	1974
19750080749	Infrared low-emittance catalytic coatings (U)	1974
19750080759	Engineering design handbook on infrared military systems, Part 2 (U)	1974
19750080791	Status of graphite technology and requirements for HTGRs Dragon project	1974
19750080794	Some considerations concerning containment for nuclear power reactors	1974
19750080796	Design and development of thermal insulation for high-temperature gas-cooled reactors	1974
19750080797	Development of very high temperature reactors for process heat supply	1974
19750080798	Scanning ion microscope: feasibility studies and a developmental model	1974
19750080801	Production Engineering Measure (PEM) power supplies for 18 and 25 mm second generation image intensifier tubes	1974
19750080802	The 18mm power supply manufacturing procedures, 18 mm sequential time study mm power supply drawing package, volume 2	1974
19750080804	Switch, rotary, miniature on 1 pole/6 position/1 section 8 AMPS at 28 VDC index, 30 deg	1974
19750080806	Evaluation of environmental impact of noise from rotary- and fixed-wing aircraft operations Allen Army Airfield, Fort Greely, Alaska	1974
19750080807	Evaluation of environmental impact of noise from rotary and fixed wing aircraft operations Fort Wainwright Army Airfield, Alaska	1974
19750080808	Automated system for the design of integrated circuits	1974
19750080811	A numerical investigation of the thickening of a shock wave on passing through turbulence	1974
19750080812	Planar incompressible flow over an aerofoil and its wake	1974
19750080813	On the use of epoxy resin CF 84 as a matrix for CFRP laminates: Impact properties	1974
19750080814	Cadmium plating using the high current density (Cleveland) process and the siffusion of hydrogen through 300 m steel	1974
19750080815	The behaviour of a conical vortex sheet on slender wing near the leading edge	1974
19750080816	Manual landings in fog	1974
19750080819	A guide to the design and performance of angular acceleration transducers with gas rotors	1974
19750080820	Aircraft braking performance trials on grooved asphalt and slurry seal runway surfaces	1974
19750080821	UREA formaldehyde foamed plastic emergency arresters for civil aircraft	1974
19750080824	SKYNET manoeuvres, June - December 1973	1974
19750080825	An improved numerical method for solving the transonic small-perturbation equation for the flow past a lifting aerofoil	1974
19750080826	Data from counting accelerometers on six types of aircraft with cloud warning radar presented as intensities of turbulence	1974
19750080827	The processing of response data to obtain modal frequencies and damping ratios	1974
19750080828	Assessment of the harmonic drive as a high power 80:1 speed reduction gear box	1974
19750080829	Design and theoretical assessment of experimental glide path and flare systems for BAC 1-11 aircraft (including direct lift control)	1974
19750080830	Comparative performance measurements of two helicopter blade profiles in hovering flight	1974
19750080831	Deposition of aluminium vapour on hot nickel-base alloys	1974
19750080834	Strength testing cargo nets: Basic techniques	1974
19750080837	Buccaneer escape system. Part 2: Blower tunnel trails 1973 with modified MDC and blue parrot camera fitted	1974
19760003811	The role of technology in non-traditional higher education	1974
19760005231	Analysis of the interaction of a weak normal shock wave with a turbulent boundary layer	1974
19760005338	Regional agricultural surveys using ERTS-1 data	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760007467	Importance of soil microflora in the biogenetic migration of boron in biogeochemical provinces containing different amounts of boron	1974
19760008516	Photovoltaic conversion of solar energy for terrestrial applications	1974
19760013519	Digital handling and processing of remote sensing data	1974
19760015224	Investigation of the space processing of unidirectionally solidified oxide-metal composites	1974
19760015543	Use of Skylab imagery to assess and monitor change in the southern California environment	1974
19760019541	ERTS-1 data as an aid to wildland resource management in northern California	1974
19760020256	Electrostatic Charge Phenomena Related to the Shuttle Orbiter Design	1974
19760021182	Disaster warning system: Satellite feasibility and comparison with terrestrial systems. Volume 3: Appendices	1974
19760021340	Combustion experiments in orbiting spacecraft	1974
19760065060	Outer planet satellite studies	1974
19760065438	Computer methods for the objective evaluation of speech communication systems	1974
19760065439	A pressure-scanning refraction spectrometer for atmospheric gas studies at millimeter wavelengths	1974
19760065841	Research and Technology Advisory Council, Committee on Aeronautical Operating System	1974
19760065938	Hypersonic research engine project, phase 2. Aerothermodynamic integration model development	1974
19760066062	Double aperture blocking by two wavelength-sized feed support struts	1974
19760066063	The behavior of some trace elements during solidification of the Skaergaard layered series	1974
19760066186	Cabin atmosphere monitoring system. Preprototype model development	1974
19760066687	Comparison of H α and Ca II H and K spectro-heliograms as a diagnostic probe	1974
19760066688	Digital computer simulation of inductor-energy-storage converters with closed-loop regulators	1974
19760066690	Ultrasonic transmission measurements on human brain sections	1974
19760066872	Reliability, quality and configuration program plan for ASTP SAM MA007	1974
19760066951	The non-existence of the Oort cometary shell	1974
19760066952	IO: A surface evaporate deposit?	1974
19760066953	Observations of Jupiter's satellites, 1662-1972	1974
19760066962	Production of N ₂ O(plus) by reaction of metastable O ₂ (plus) ions with n ₂	1974
19760066963	Ion cyclotron resonance studies on the reaction of H ₂ ⁺ and D ₂ ⁺ ions with various simple molecules and hydrocarbons	1974
19760066965	Product distributions and rate constants for the reactions of thermal energy He ⁺ ions with some neutral hydrides and hydrocarbons	1974
19760066966	Application of blast wave theory to explosive propulsion	1974
19760067025	Sleep disorders. Recent findings in the diagnosis and treatment of disturbed sleep	1974
19760067207	Comparisons of predictions from two intranuclear-cascade models with measured secondary proton spectra at several angles from 62 and 39 MeV protons on various elements	1974
19760067265	Ride quality evaluation 2: Modelling of airline passenger comfort	1974
19760067278	The 1974 NASA-ASEE summer faculty systems engineering program	1974
19760068519	Combustion effects of film cooling	1974
19760069195	NASA 1974 mishap and injury data	1974
19760069642	Storable and cryogenic propellant safety for space tugs	1974
19760069666	The use of groundbased telescopes in determining the composition of the surface of solar system objects	1974
19760069695	Giant stromatolites and associated vertical tubes from the upper Proterozoic Noonday Dolomite, Death Valley region, eastern California	1974
19760069701	On shore lease management program study for the US Geological Survey	1974
19760070182	Nuclear waste disposal utilizing a gaseous core reactor	1974
19760071102	Report on significant results and projected applications obtained from ERTS-1. Principal investigator interviews. Volume 1: Results and applications	1974
19760071329	Combustion effects on film cooling	1974
19760071500	Discriminant analysis with highly intercorrelated variables	1974
19760071600	Shock processes in terrestrial analogs of porous lunar and meteoritic materials	1974
19760071617	A remark on the phase of the deck model	1974
19760071717	An oceanic general circulation model with bottom topography	1974
19760071767	A general circulation model for the world ocean	1974
19760071883	Visual material presented during the NASA-AEC meeting at Canel on May 11-12, 1964	1974
19760072096	Lidar measurements of the variability of stratospheric particulates	1974
19760072128	Angular distribution studies of non-characteristic x-radiation	1974
19760072129	Autoionizing states in highly ionized oxygen, fluorine, and silicon	1974
19760072130	Autoionizing states in the alkalis	1974
19760072153	Paramagnetic resonance effect in viscoelastic material	1974
19760072157	Research and technology	1974
19760072159	Kinetics of oxygen atom formation during the oxidation of methane behind shock waves	1974
19760072193	Hypersonic ramjet experiment project. Phase 1: Engine development plan	1974
19760072646	Study to design and develop remote manipulator system	1974
19760072665	NASA experience in telecommunications as a substitute for transportation	1974
19760073072	New models of the thermosphere and exosphere	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760073083	Portable cardiac ultrasonoscope: A prospectus	1974
19760073106	The ATS-F data book	1974
19760073414	High performance N2O4/amine elements: Blowapart. Task 1: Data dump	1974
19760073485	Mariner Jupiter orbiter study midterm review	1974
19760073550	Further studies in short haul air transportation in the California corridor	1974
19760073976	Preliminary report on the physical properties of Al-Cu eutectic samples processed on Skylab 4	1974
19760074020	Assessment of certain benefits derived from analytical models of ocean waves and currents on the US mid-atlantic Continental Shelf activities	1974
19760074034	Tectonic lineaments and plate tectonics in south-central Alaska	1974
19760074929	Ballistic protection materials development program	1974
19760075167	Space system cost model. Volume 2: Data book, candidate minimum cost electronic equipment	1974
19760075438	A description of the mathematical modelling of the ELDO vehicle (revised)	1974
19760075655	Injection systems study	1974
19760076246	Some questions relating to mensuration from ERTS, and to the relative discrimination capability of photographic film versus the MSS scanner	1974
19760076247	Accuracy of identification versus sample size for ERTS	1974
19760076430	An error model of an inertial guidance system	1974
19760076649	On resistances of two-phase mixtures	1974
19760076651	Production assessment test report on transformer saturable core, enclosed audio frequency NOC	1974
19760076653	C3 PAT lot verification test on resistors, fixed, tin oxide, NOC, molded, .125-.25 watt	1974
19760076657	Preliminary reports, memoranda and technical notes of the Materials Research Council summer conference. Volume 2: Degradation of materials in energy related systems in the presence of hydrogen and solar energy systems: Materials problems	1974
19760076664	Oil-in-water monitors a review of the state of the art	1974
19760076667	Parts evaluation report diode: Semiconductor, diode, rectifier, silicon, grown, plastic	1974
19760076668	Parts evaluation report diode: Semiconductor, diode, rectifier, silicon, grown, plastic	1974
19760076669	Parts evaluation report diode: Semiconductor, diode, rectifier, silicon, grown, plastic	1974
19760076670	Large-area plasma display panel	1974
19760076678	Effects of digitizing the intercept Doppler history on the SPD/MDM system accuracy	1974
19760076694	Investigation into effects of micro-alloying and thermal treatment on the properties of the beryllium	1974
19760076697	Thermochemical ablation of aromatic/heterocyclic polymer composites. Part 3: Material elemental composition performance optimization	1974
19760076698	Calculation of radar cross section. Volume 2. Computer	1974
19760076699	Advanced concepts in ejector rack design	1974
19760076701	Impulse breakdown in vacuum, gases, liquids, and solids with large electrode separations	1974
19760076708	Drive systems for electric automobiles	1974
19760076709	The use of nuclear energy in space travel	1974
19760076710	A method for the computerized design of microelectronic equipment	1974
19760076711	Medium class electric vehicles: Reflections and experience gained during development and operation	1974
19760076712	Developmental prospects for superplastic metals	1974
19760076713	Analysis of the use of an auxiliary wing on a helicopter	1974
19760076714	Radar PE-48/T description, part 1	1974
19760076717	DoD data internet study: Phase 2 report	1974
19760076719	Radiometer error analysis	1974
19760076720	Frankford Aircraft Capabilities Test (FACT)	1974
19760076726	Official application of ferroelastic-ferroelectric crystals	1974
19760076731	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1974
19760076738	Connections among some integral representations for the vertex function	1974
19760076740	Studies of biodegradation of petroleum, oil and lubricants (P.O.L.)	1974
19760076741	Minimum sample size required to estimate the parameters of the multinomial distribution	1974
19760076744	Explosives and propellants manufactured by the NSPE's Powder and Explosive Department	1974
19760076754	Qualification test report for Boeing 27-10461-2 feed through capacitors	1974
19760076755	Qualification test report for Boeing 27-10461-1 feed through capacitors	1974
19760076759	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial	1974
19760076761	Semiconductor device transistor	1974
19760076762	Microcircuit, digital counter	1974
19760076763	Microcircuit, digital Nand gates	1974
19760076764	Advanced slit detectors for star sensors	1974
19760076768	Simulation of hypersonic scramjet exhaust	1974
19760076770	Specimen analysis of the Skylab M553 metals melting and solidification experiment	1974
19760076773	Confirmation of reactive incendiary testing standards	1974
19760076774	Development of improved rubber compounds for use in weapon applications	1974
19760076777	Photoelectric properties of P-N junctions based on N-Ga P	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076780	Combat nutrition. Phase 3: Comparison of diets of different fat content and low energy value, exercise "slim line"	1974
19760076782	Microbial biodeterioration, its nature and control	1974
19760076784	An anatomical and functional study of the wrist joint	1974
19760076785	Application of charge-coupled devices to infrared detection and imaging	1974
19760076794	Mobile mortar locating radar, radar set AN/TPQ-36 (U)	1974
19760076795	Phased array, semi-active missile seeker brassboard fly-by tests (U)	1974
19760076802	QRC 72-16 evaluation (U)	1974
19760076804	Vulnerability of the OV-1D aircraft to impacting ground-fired projectiles (U)	1974
19760076805	Feasibility analysis of armor materials for protection of aircrews (U)	1974
19760076806	Quiet attack aircraft radar cross section test results (U)	1974
19760076809	Supersonic delivery of conventional munitions by F-4 and F-111 aircraft (U)	1974
19760076810	Flight test of the PAVE SPIKE helmet mounted sight/helmet mounted display (U)	1974
19760076811	CHAPARRAL cost effectiveness analysis (U)	1974
19760076814	Expendable ESM/ECM system (U)	1974
19760076815	Exhaust plume temperature and pressure measurements, Zuni Rocket Motor Mark 71 Mod 1 (U)	1974
19760076816	Cross linked slurry composite modified double base and composite propellant development (U)	1974
19760076817	Multispectral camouflage for generator (U)	1974
19760076819	Fleet validation of personnel and training requirements for the AV-8A weapon system (U)	1974
19760076826	Calculations of device-air-ground interaction in a scaled smallboy burst (U)	1974
19760076827	Future HF/satellite trunking system (U)	1974
19760076830	Investigation of techniques for automatic terrain avoidance with automatic terrain following (U)	1974
19760076832	Signal coherence in the sea and the gain of a receiving array: An overview of theory and measurements (U)	1974
19760076833	Title is classified	1974
19760076839	Advanced Sonobuoy Communications Link (ASCL) flight test plan (U)	1974
19760076840	Manufacturing methods and technology for universal detector Dewar modules (U)	1974
19760076841	Composite armor for resistance to long rod penetrators, FY 74 (U)	1974
19760076842	Target discrimination with infrared reticle seeker (U)	1974
19760076844	Flight tests of an Aerodynamically Neutral, Spin Stabilized Rocket (ANSSR 3) (U)	1974
19760076847	Analysis of guidance candidates for a general support rocket system (U)	1974
19760076849	Ballistic-damage-tolerant flight control systems (AH-1G) (U)	1974
19760076850	Intermediate temperature photovoltaic detector (U)	1974
19760076852	High density lead-tin telluride detector array, classified addendum (U)	1974
19760076854	QWK1778, high power expendable TWT (U)	1974
19760076856	Application of electro-optical technology to the observation periscope (U)	1974
19760076859	Hellfire technical flight test number 8, MT7 missile with Army laser seeker, 27 June 1974. Pseudo-indirect fire (U)	1974
19760076861	Propulsion review. Part 4. Airbreathing propulsion research and development	1974
19760076872	Shipboard AWG-9 exploration study. CV/CVA point defense (U)	1974
19760076874	Manufacturing methods and technology: 8 to 14-micron (Hg, Cd) Te array modules (U)	1974
19760076879	Supersonic missile water entry tests: Exploder and instrumentation performance (U)	1974
19760076887	Engineering development model, lightweight laser designator (LWLD) AN/PAQ-1 (U)	1974
19760076889	International laser systems exploratory development model hand-held designator (U)	1974
19760076893	Simulation and analysis report (U)	1974
19760076905	Ship combat system configuration with technical library. Volume 1: Configuration (U)	1974
19760076906	Ship combat system configuration with technical library, Volume 2. Technical library, Part 1 (U)	1974
19760076907	Ship combat system configuration with technical library, Volume 3. Technical library, Part 2 (U)	1974
19760076939	F-111D firepower control system development test and evaluation (U)	1974
19760076946	Active laser seeker design (U)	1974
19760076958	Feasibility of delivering a rocket-boosted MK81 laser guided bomb from a BGM-34B remotely piloted vehicle with a self-contained target designator (U)	1974
19760076990	Fuel rich jet interaction study. Volume 1: Measurement program (U)	1974
19760076991	Fuel rich jet interaction study. Volume 2: Analysis and data correlation (U)	1974
19760076992	Fuel rich jet interaction study. Volume 3: Appendices A through E (U)	1974
19760077001	KMU-438/B development. Volume 2. Flight test and postflight analysis (U)	1974
19760077002	KMU-438/B development. Volume 1. Program summary (U)	1974
19760077016	Passive E-O receiver concepts study (U)	1974
19760077026	Improved short ARC high power source (U)	1974
19760077055	TRISAT data reduction, lean processing and evaluation (U)	1974
19760077059	Spread spectrum signal study 3 (WIDETRACK) (U)	1974
19760077068	F-14/Phoenix/AWG-9 evaluation (U)	1974
19760077074	Comparing the capability of close air support systems in air/ground campaigns (U)	1974
19760077080	Target models for countermortar/rocket radars (U)	1974
19760077124	Missile launch detector flight test program (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760077131	Design of aircraft for low radar cross section, broadside sector, volume 1 (U)	1974
19760077134	Laser-Aided Weapon Delivery (LAWD) countermeasure system, volume 2 (U)	1974
19760077135	Laser-Aided Weapon Delivery (LAWD) countermeasure system, volume 1 (U)	1974
19760077142	On the effects of widescreen reradiation on pilot performances in air combat (small stick) (U)	1974
19760077143	Optical countermeasure hazards (U)	1974
19760077151	An analytical and experimental investigation of control surface heating on advanced control experiment - like reentry vehicle configurations (U)	1974
19760077154	AN/FPS-95 research and development program, MITRE, antenna-induced noise measurements (U)	1974
19760077158	Computer program for NORSAM-3 model. Volume 2: Appendices. Book 2: Appendix C (U)	1974
19760077159	Computer program for NORSAM-3 model. Volume 1: Technical discussion (U)	1974
19760077162	Countermeasures against a short-pulse-seeker antiship cruise missile (U)	1974
19760077168	Dual mode design study (U)	1974
19760077173	AN/FPS-95 research and development program MITRE, comparative antenna subclutter visibility measurement (U)	1974
19760077174	AN/FPS-95 research and development program, MITRE, interactive display development (U)	1974
19760077179	IFF and beacon ECM flight test (U)	1974
19760077184	IR fire control and acquisition countermeasures (U)	1974
19760077213	High energy pulsed laser (U)	1974
19760077284	Model 200 fuselage composite conceptual design study	1974
19760077287	Computer simulation of a satellite communications system	1974
19760077297	Production assessment test report on microelectronic circuits multivibrator, monolithic circuits, NOC, flat pack	1974
19760077298	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760077302	Rain erosion of Ti-6Al-4V	1974
19760077303	Rain erosion damage in ductile metals	1974
19760077307	Maximum data range logic array development, volume 1	1974
19760077313	Evaluation test of 10700014-1 toroid, power transformer	1974
19760077320	An investigation of reported over-the-horizon propagation at 35 GHz	1974
19760077322	Tests of an MHD post-accelerator for wind tunnels	1974
19760077323	Sources of power: Solar generators	1974
19760077324	Binary signals discrete phasing device	1974
19760077325	Bonding of glass laminates to metals	1974
19760077326	Machines on review	1974
19760077329	Production assessment test report on semiconductors, special types of, field effect, silicon, planar epitaxial	1974
19760077339	Elevated temperature mechanical testing of 3M 465 transfer adhesive bonded to different substrates	1974
19760077340	Temperature capability of DC-6-1104 adhesive	1974
19760077341	Switch, rotary, 2 poles, per section	1974
19760077342	Resistor - variable, wire wound	1974
19760077343	Relay armature power, AC, DPDT 440 volts, 400 CPS	1974
19760077344	Sockets, relay, contact rating: 5 AM PS, top chassis mounting	1974
19760077345	Amplifier, R. F.	1974
19760077347	Production assessment test report on semiconductors, diode, photo sensitive, silicon, diffused, metal	1974
19760077348	Production assessment test report on semiconductors, diode, voltage reference, silicon, diffused, glass	1974
19760077349	Production assessment test report on semiconductors, diode, voltage reference, silicon, diffused, glass	1974
19760077351	Conceptual design studies of composite AMST	1974
19760077354	Avoidance of stress corrosion susceptibility in high strength aluminum alloys by control of grain boundary and matrix microstructure	1974
19760077355	Production assessment test reports on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1974
19760077356	Production assessment test reports on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1974
19760077357	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1974
19760077358	Production assessment test report on semiconductors, diode, voltage reference, silicon, diffused glass	1974
19760077359	Production assessment test report on semiconductors, diode, fast switching, silicon, diffused glass	1974
19760077360	Production assessment test report on resistor, fixed, wirewound, NOC, painted, 1-2 watts	1974
19760077361	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760077363	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1974
19760077364	Production assessment test report on transformers, power, NOC, enclosed, 0-3 KHz	1974
19760077365	Production assessment test report (2760407) on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1974
19760077366	Product assessment test report on semiconductors, diode, voltage reference, silicon, diffused glass	1974
19760077367	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760077368	Production assessment test report (2760407) on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760077369	Production assessment test report (2760/411) on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1974
19760077372	High power transistors	1974
19760077373	Internal EMO and system generated EMP	1974
19760077374	Integrated circuit model development for EMP	1974
19760077375	The damage effects of the nuclear ElectroMagnetic Pulse (EMP) on semiconductor devices	1974
19760077378	Production assessment test report on resistors fixed, metal film, precision, molded, .05-10 watt	1974
19760077379	Evaluation of environmental impact of noise from rotary and fixed wing aircraft operations, Fort Sill, Oklahoma, December 1974	1974
19760077385	The great zero crossover hoax	1974
19760077388	Phase 2 shock-on-shock experiment	1974
19760077389	Thermal conductivity of screen washers for use as thermal isolators in CTS	1974
19760077390	Monthly record. Meteorological observations in Canada, April 1974	1974
19760077395	The impact of energy on strategy: Nuclear energy	1974
19760077396	Monthly record. Meteorological observations in Canada, September 1974	1974
19760077397	New optical components in photogrammetric and geodetic instruments of VEB Carl Zeiss JENA	1974
19760077398	The disk armature reaction of a homopolar machine	1974
19760077406	Comparison and qualification testing of the US Navy NES.-12C parachute recovery system	1974
19760077408	Production assessment test report on coils, inductance, fixed, audio freq. NOC, less than .1 watt, 1 - 30 volts, diamagnetic encapsulated	1974
19760077409	Production assessment test report on semiconductors, transistors, power, silicon, NPN, planar, metal can	1974
19760077410	Production assessment test report (2760507) on semiconductors, special types of, field effect, silicon, planar epitaxial	1974
19760077413	Low hazard hybrid fuel development program (U)	1974
19760077414	Manufacturing methods and technology, 8 to 14-micron (Hg, Cd)6T6e array modules (U)	1974
19760077417	Summary report of an investigation of a major change in voltage output reported in the Pershing Eighth Cycle Stockpile Laboratory test program for the T53E2 and M1131 impact fuzes (U)	1974
19760077422	The 75MM Aircraft Tube Launched Recoilless System (ATLRS). Volume 1. 75MM ATLRS system development (U)	1974
19760077423	The 75MM Aircraft Tube Launched Recoilless System (ATLRS). Volume 2. Sustainer motor development (U)	1974
19760077429	Ferrite radar absorbing materials, Part 2 (U)	1974
19760077439	Residual gas studies of the 25MM microchannel inverter tube (U)	1974
19760077440	Electron bombarded semiconductor amplifier (U)	1974
19760077442	Airblast measurement of unconfined spherical experimental explosives (U)	1974
19760077447	Results of coherence measurements of large time-bandwidth-product signals utilizing HMS Andrew and HMS Verulam (U)	1974
19760077448	Metal carbide-loaded graphite filaments (U)	1974
19760077450	A calorimeter for measurement of irradiance distribution from a high energy laser (U)	1974
19760077451	Quarterly compilation of abstracts on completed test, experimental, and development (TED) projects (U)	1974
19760077455	Development of electronics for magnetic intrusion line sensor. Volume 1: Phenomenology (U)	1974
19760077456	Development of electronics for magnetic intrusion line sensor. Volume 2: Signal processor (U)	1974
19760077457	Wideband command and control modem (experimental model phase) (U)	1974
19760077462	Development of HTPB propellant for air launched missiles (U)	1974
19760077463	Aluminum hydride propellant shelflife, volume 2	1974
19760077466	Initial flight test and evaluation of Honeywell helmet mounted sight for TOW configured Iranian AH-1J (U)	1974
19760077467	Trade-off analysis of the P-3C aircraft HF-2 transceiver versus a receiver (U)	1974
19760077468	Abstracts of electronic vulnerability documents, volume 1, no. 1 (U)	1974
19760077469	Studies of wired end-burning propellant (u)	1974
19760077474	DNA EMP (Electromagnetic pulse) handbook. Volume 4: Resources (U)	1974
19760077475	Laser gas circulation subsystem design and integration study (U)	1974
19760077476	Long range target detection experiment (U)	1974
19760077477	A compendium on penetration of aramid fiber personnel armor materials by cube and right circular cylinder fragment simulators (U)	1974
19760077485	F-14A armament system ship suitability test (U)	1974
19760077487	AN/FPS-95 research and development program (final technical report, MITRE, design of noise measurement instrumentation) (U)	1974
19760077488	Supersonic missile water-entry tests: Hydrodynamic and structural performance (U)	1974
19760077490	Flight test of the optimized GEANS inertial navigation system (U)	1974
19760077491	Sea test demonstration of ITNS/ISCS-II aboard the USS Guam (U)	1974
19760077492	Annual report of the advisory group on electron devices for 1974 (U)	1974
19760077493	Plastic airplane (U)	1974
19760077496	Automatic missile detector (U)	1974
19760077504	Advanced development prototype model hand-held laser designator, October 1974 (U)	1974
19760077534	IRCM director (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760077547	Evaluation and recommendations: Surface sensors for BISS/Waterborne intruder defense systems (U)	1974
19760077556	Miniature infrared alarm (MIRA) (U)	1974
19760077557	Multiple air combat evaluation (U)	1974
19760077568	Production engineering measures for Pb Se photodetector array (U)	1974
19760077569	Production Engineering measure for Pb Se photodetector array (U)	1974
19760077570	Production engineering measure for Pb Se photodetector array (U)	1974
19760077571	Production engineering measure for Pb Se photodetector array (U)	1974
19760077576	Flexible foam simulation devices (U)	1974
19760077584	Penetration performance of steel and tungsten alloy cubes against several ceramic armor composites (U)	1974
19760077623	Main conclusions from the weather-85 study, weather and warplanes 5 (U)	1974
19760077637	Research and applications involving fundamental properties of the ionosphere (U)	1974
19760077639	Research on selectively transmitting infrared materials (U)	1974
19760077646	Target radiant intensity measurement program: TRIM (U)	1974
19760077663	Sea control ship V/STOL aircraft radar requirements. Volume 3: System mechanization (U)	1974
19760077673	Hardening of acrylic and polycarbonate surfaces for Army aircraft (U)	1974
19760077727	AN/FPS-95 research and development program (MITRE, Signal Processing Program System (SPPS), computer program, system programmer's guide), volume 5 (U)	1974
19760077728	Recurring technical problems in Soviet tactical aircraft: A key to identifying critical items on the COCOM embargo list (U)	1974
19760077739	TISEO-aided command/guideline (TAC/G) critical elements study. Volume 2: Alternate sensor study (U)	1974
19760077763	TISEO-aided command/guidance (TAC/G) critical elements study, volume 3, appendixes (U)	1974
19760077786	Non-conventional silo defense (U)	1974
19760077813	Optical augmentation interferometry (U)	1974
19760077817	High energy pulsed laser (U)	1974
19760077822	Evaluation of infrared countermeasures paint comparison studies (U)	1974
19760077834	Long wavelength sources (U)	1974
19760077835	Future requirements of airborne navigation, command and control, and communications equipment (U)	1974
19760077836	A preliminary analysis of avionics and aircraft concepts for OVX (U)	1974
19760077840	Combat-ready crew performance measurement system: Phase 3B. Aerial combat maneuvers measurement (U)	1974
19760077847	Cost estimating relationships for petroleum, oil and lubricants for turbine powered Army aircraft	1974
19760077863	Foreign material exploitation report: Laser rangefinder PM81-B	1974
19760077866	The feasibility of an electrically propelled vehicle powered by fuel cells	1974
19760077867	The operating system for computer analysis of EEG at the Karolinska Hospital, Stockholm	1974
19760077868	Statistical analysis applied to spectral parameters of EEGs from 65 healthy subjects	1974
19760077870	An effect of non-uniform electric field on drift-dissipative instability	1974
19760077871	Helical equilibria and criteria for the kink instability of cylindrical Tokamak	1974
19760077872	Note on the motion of charged particles in an axi-symmetric crossed electromagnetic field	1974
19760077873	Particle loss from magnetic cusp field	1974
19760077874	Numerical analysis on implosion of laser-driven target plasma	1974
19760077875	Feasibility of satellites in Canadian search and rescue operations	1974
19760077876	Mass transport induced by wave motion in a rotating fluid	1974
19760077877	An algorithm for internal merging of two subsets with small extra storage requirements	1974
19760077878	Analysis of high strain graphite	1974
19760077883	Research activity in the field of unconventional sources of electric power	1974
19760077884	Simple method of detecting silver in photographic fixers	1974
19760077885	Submersible thermionic generators	1974
19760077886	Criteria for the selection of materials for thermionic emitters	1974
19760077889	Screen temperatures during the summers 1967 and 1968 at Hazen Camp, Ellesmere Island, N. W. T.	1974
19760077890	Product assessment test report on transformers, pulse, NOC, enclosed, audio freq. NOC	1974
19760077893	Photocathode study at 1.8 microns	1974
19760077898	Technology and armament, number 2, 1974	1974
19760077901	Electronic data processing system	1974
19760077902	Days of new technology TESLA-VUST 1973	1974
19760077903	The US Army high energy laser beam sampling meter	1974
19760077908	Feasibility study on austere deep ocean survey ship T-AGS-M	1974
19760077911	Shadow imaging operational system in-depth study. Volume 2: Appendices	1974
19760077916	Defense energy information system: Design and implementation plan	1974
19760077918	Design and testing of a vuilleumier cooler-detector module	1974
19760077919	Improved ATJS graphite. Part 2: Materials and process studies	1974
19760077920	Natural and induced infrared measurements	1974
19760077922	Monthly record. Meteorological observations in Canada, August 1974	1974
19760077923	Ship habitability: Designing polar icebreakers for crew leisure-time activities and facilities	1974
19760077929	Jet propulsion for quiet aircraft	1974
19760077930	Improved methods for rocket sled test data processing	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760077932	Screening of Motorola operational amplifiers microelectronic circuits, amplifier monolithic circuits (NOC) metal can	1974
19760077933	Qualification of Robinson/Vugent Dual In-Line Sockets per MIL-S-12883	1974
19760077934	Product redesign evaluation of general semiconductor transient suppressor. Semiconductors, diode, voltage reference, silicon, diffused metal	1974
19760077949	Pilot jet with diffuser in circuits of pneumatic measuring techniques	1974
19760077950	Some problems of helicopter rotor aerodynamics	1974
19760077951	Composite foils for preservation: Flexible packaging	1974
19760077952	Thermoelectric refrigeration	1974
19760077953	Morphological indices of digital microelectronic structures	1974
19760077954	Submarine applications of thermoelectronic converters	1974
19760077958	Selection and evaluation of bonding agents for HTPB propellants	1974
19760077959	F-4 lethal criteria correlation from accident data	1974
19760077967	Polyfunctional fluorocarbon derivatives for chemical resistant elastomers and crosslinking systems	1974
19760077971	The 94 GHz parametric amplifier	1974
19760077972	Quiet attack aircraft	1974
19760077974	Preliminary reports, memoranda and technical notes of the Materials Research Council Summer Conference, volume 1	1974
19760077984	UNILAC project report number 14	1974
19760077986	Development of modified VAREA program and computation of revised vulnerable area for BQM-34A, book 1	1974
19760077987	Development of modified VAREA program and computation of revised vulnerable areas for BQM-34A, book 2	1974
19760077991	Production assessment test report on capacitor, fixed, film, metallized, hermetically sealed, lead mount, contractor hi rel	1974
19760077994	Production assessment test report on capacitor, fixed film, metallized non-metallic case, lead mount contractor hi rel	1974
19760077995	Production assessment test report on capacitors, fixed, ceramic molded, lead mount, contractor hi rel	1974
19760078000	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1974
19760078005	Product improvement test of 350 GPM pump assembly, diesel-engine-driven, wheel-mounted	1974
19760078008	Hardness assurance through analysis of supplier and radiation test data	1974
19760078009	Yield analysis of large capacity magnetic bubble circuits with redundancy design	1974
19760078010	Radiation induced leakage current in N-channel SOS transistors	1974
19760078013	Electrostatic sensitive devices, marking and handling thereof	1974
19760078015	Report of test on tube, electron tubes, cathode ray, display, six or more elements, special purpose	1974
19760078016	Reliability engineering test report of waveguide and microwave, rigid	1974
19760078023	Production engineering measure for capacitors, electrolytic, aluminum high reliability, high voltage	1974
19760078024	Systems analysis of sensor measuring artillery shell motion	1974
19760078034	Coil, toroidal, radio frequency CAI-P/N-6054-198-R	1974
19760078035	Advanced cool-burning solid gun propellants	1974
19760078036	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760078037	Production assessment test report on resistors fixed, metal film, precision, molded, .05 - .10 watt	1974
19760078038	Large capacity bubble domain memory element development	1974
19760078039	Production assessment test report on resistor, fixed, wirewound, precision, molded .50 - 1 watt	1974
19760078040	Fiber optic interconnections for electronic systems of 2000-ton surface effect ship (2 KSES)	1974
19760078046	The high altitude nuclear weapon electromagnetic pulse (EMP): An introduction for managers of federal telecommunications systems	1974
19760078049	Photodegradable plastics	1974
19760078056	Reliability test report on heater, electrical, conduction, deposited film, 10-100 watts	1974
19760078059	Function generator	1974
19760078067	Technology and armament, number 6, 1974	1974
19760078068	The 30 years of development in the Polish People's Army, 1943 - 1973	1974
19760078077	Component evaluation report on Signetics Corp. S8281A integrated circuit, binary counter	1974
19760078079	An evaluation of cleaning solvents for removal of petrolatum from metal parts	1974
19760078083	Qualification of Leach Corp., relay per GE dwg.: 7618146P3. Relays, 5 to less than 10 amp hermetically sealed, 1-30 VDC, time delay, DPDT	1974
19760078084	Qualification of Leach Corp., Relay per GE DWG.: 7618416P2. Relays 5 to less than 10 amp hermetically sealed, 109-240 VDC, time delay, DPDT	1974
19760078085	Re-evaluation of JAN2N1490 transistors	1974
19760078086	An investigation into advanced instruments application to turbofan engines for improved flight/propulsion control coupling	1974
19760078090	Development of improved reentry vehicle nosetip graphites from commercial raw materials	1974
19760078102	Manufacturing methods and technology measure for large area silicon avalanche detectors	1974
19760078113	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760078114	Product assessment report on relays, hermetically sealed, 1-30 VDC, latching, 4 PDT	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078120	Production assessment test report on resistors, fixed, tin oxide, NOC, molded, .125-.25 watts	1974
19760078121	Production assessment test report (2760411) on semiconductor, transistors, general purpose, silicon, NPN, planar, metal can	1974
19760078122	Production assessment test report on semiconductors, transistors, power, silicon, NPN, planar, metal can	1974
19760078124	Production assessment test report on semiconductors, transistors, power, silicon NPN, planar, metal can	1974
19760078125	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760078126	Product assessment test report on resistors, fixed, carbon film, NOC, ceramic, .25-.50 watts	1974
19760078127	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760078128	Production assessment test report on resistors, fixed, metal, film, precision, molded, .05-.10 watt	1974
19760078129	Production assessment test report on resistors, fixed, metal film, precision, molded, .05-.10 watt	1974
19760078130	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760078131	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped .05-10 watt	1974
19760078132	Production assessment test report on transformers, pulse, NOC, enclosed, 30-300 KHz	1974
19760078133	Production assessment test report resistor, fixed, metal film, precision, molded, .05-.10 watt	1974
19760078134	Production assessment test report on semiconductors, diode, general purpose, silicon, diffused, glass	1974
19760078135	Product assessment test report on resistors, fixed, carbon film, NOC, ceramic, .25-.50 watts	1974
19760078137	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760078138	Production assessment test report on resistors, fixed, wirewound, NOC, molded, 1-2 watt	1974
19760078139	Production assessment test report on semiconductors, diode, rectifier, silicon, diffused, plastic	1974
19760078140	Product assessment test report on fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor hi-rel	1974
19760078141	Product assessment test report on transformers, audio frequency, enclosed audio frequency, NOC	1974
19760078144	Damage area in impacted carbon fiber composites	1974
19760078146	Reflection and crosstalk in a wire-wrapped backplane system utilizing standard T sup 2 L logic	1974
19760078162	Conformal polymer coating for non-lidded hybrid microcircuits	1974
19760078165	Lamp-incandescent type S bulb	1974
19760078166	Chain assembly single leg	1974
19760078167	Ammeter, dial readout 0 to 2.0 AMPS	1974
19760078168	Thermal cycling of Schjeldahl tape G402802 on aluminum substrate	1974
19760078169	Comparison of the characteristics of silicon adhesive tapes	1974
19760078170	Determination of room temperature tensile shear and peel strength of 3M number 465 transfer adhesive	1974
19760078182	Production methods for high purity arc-fused silica	1974
19760078183	Evaluation test of radar chronograph set, NM87	1974
19760078185	Canadian upper air data monthly bulletin, September 1974	1974
19760078186	Research on several small electrochemical energy sources for emergency use	1974
19760078188	Production assessment test report (2760406) on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1974
19760078189	Production assessment test report (2760404) on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1974
19760078190	Qualification test report connector, circular gauge 20. Connectors, electrical plug only	1974
19760078191	Monthly record. Meteorological observations in Canada, May 1974	1974
19760078193	Production assessment test report on transformers, pulse NOC, enclosed, 30-300 KHz	1974
19760078196	Qualification of Erie Tech ceramic capacitors	1974
19760078203	RADC accomplishments FY-74, volume 2	1974
19760078206	Operation plan Arctic experiments, August - September 1974, USNS Hayes cruise 74-16-04	1974
19760078214	The DNA OWL 2 generator beam development studies	1974
19760078220	Worldwide Military Command and Control System (WWMCCS) Exercise Message Analysis System (EMAS). Users manual	1974
19760078227	Evaluation of USMC thermal vacuum parachute dryer for SEMS use	1974
19760078228	Design, development and qualification testing of the US Navy T-33B aircraft ejection seat with drogue parachute system and NES-21A personnel parachute assembly	1974
19760078229	Studies and experiments concerning modular aerodynamic stabilizers (parachutes)	1974
19760078232	Analysis/theory of controlled configured structures	1974
19760078236	Production assessment test report on fixed, electrolyte, tantalum, solid, hermetically sealed, lead mount, contractor hi-rel	1974
19760078237	Production assessment test report on capacitors, fixed, film, hermetically sealed, lead mount, contractor hi-rel	1974
19760078238	Qualification test report contract pin and body socket, electrical. Processing, heat treating, annealing, metallic non-ferrous, NOC	1974
19760078242	Evaluation of Fairchild pressure switch. Switches, electrical, fluid pressure diaphragm, SPST	1974
19760078252	Long-range propagation loss measurements (U)	1974
19760078258	Ionospheric effects and energy loss from the blast wave from low altitude nuclear bursts (U)	1974
19760078261	DNA EMP (electromagnetic pulse) handbook. Volume 2: Analysis and testing, revision (U)	1974
19760078264	Correlation of the shell strains measured in the SPRINT-THUNDERPIPE add-on blast tests with DEPICS (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078266	Bottom loss measurements in the sea of Japan (U)	1974
19760078271	Infrared imaging air defense field tests (U)	1974
19760078278	Flight demonstration of a propellant dispersion munition system (U)	1974
19760078279	PCDE propellants for Ballistic missiles (U)	1974
19760078282	Infrared polarization signature feasibility tests (U)	1974
19760078287	An experimental investigation of the aerodynamic characteristics of a thin supercritical airfoil with small leading edge radius (U)	1974
19760078301	Stagnation and transonic zones in high energy laser propagation (U)	1974
19760078306	Window development for a low power IR laser system (U)	1974
19760078307	Research and development for the Chemical Vapor Deposition (CVD) of zinc selenide for high power laser window applications (U)	1974
19760078337	A systematic investigation of aerosols for camouflage applications: Infrared absorbing aerosols from microemulsions (U)	1974
19760078340	Development of generic hydraulic actuator probability of damage given a hit (P sub D/H) curves (U)	1974
19760078341	ARROW rocket system competitive flight test at Yuma Proving Grounds (U)	1974
19760078343	Multiple Array Serial Scan (MASS) FLIR system design and analysis, volume 1 (U)	1974
19760078344	ANSSR/SEAS, volume 1 (U)	1974
19760078354	Vulnerability of the US Navy A-7E aircraft to selected non-explosive projectile threats, volume 3, appendix B (U)	1974
19760078405	HISARS active-passive emitter ranging system (U)	1974
19760078413	Army infrared scanner, AN/AAR-38 (phase 1) (U)	1974
19760078430	Design study for a sensor utilizing an electrostatic camera. Volume 1: Technical study (U)	1974
19760078435	Advanced Black Crow (U)	1974
19760078436	Holographic recorder (U)	1974
19760078446	Some preliminary launch envelopes for an advanced short range air-to-air missile (U)	1974
19760078459	Specialized data report SAMAST-02 (U)	1974
19760078460	Improved HAWK ARM vulnerability assessment (U)	1974
19760078471	Fuzing code: High fidelity (U)	1974
19760078474	Analysis of atmospheric transmittance for missile and aircraft plume radiation. TRIM mission 36 and DSP T-2436 (U)	1974
19760078476	MATS final data report RVTO-3A-1 (U)	1974
19760078478	Independent evaluation of the Air Defense Command and control system AN/TSQ-73, supplement 1 (U)	1974
19760078481	EPX surface terminal draft master development plan (U)	1974
19760078483	Further considerations of ultraviolet missile trails (U)	1974
19760078555	Calculation of radar cross section. Volume 3: F-4 aircraft computations (U)	1974
19760078556	Field test results of experimental flare rejection circuitry for the Rosette scan seeker (U)	1974
19760078577	Methods for consideration of range uncertainties in detection performance analyses, Addendum (U)	1974
19760078591	Implications of COMECON acquisition of selected magnetohydrodynamic technology (U)	1974
19760078615	Thumper high power laser (U)	1974
19760078616	Thumper high power laser (U)	1974
19760078645	Survivability assessment guidelines for flight control systems, volume 2 (U)	1974
19760078686	A short survey of RPE work on electric propulsion by resistojets	1974
19760078687	The 11th JANNAF Combustion Meeting, volume 1	1974
19760078688	Workshop summary on gas dynamics modeling of reactive flow through gun propellant charges	1974
19760078689	AUTOCAP background	1974
19760078690	Interior ballistic predictions using data from closed bomb tests	1974
19760078691	Scaled down ballistic simulators	1974
19760078692	Gun propellant simulator development	1974
19760078693	A comparison of several predictive approaches in charge establishment for large caliber artillery systems	1974
19760078694	Analysis of differences between experimental firing tests and computer code gun performance predictions	1974
19760078695	Application of a flame spread model to design problems in the 81mm mortar	1974
19760078696	A study of heat transfer and erosion in internal ballistic devices	1974
19760078697	Experimental techniques for investigating the start-up ignition/combustion transients in full-scale charge assemblies	1974
19760078698	Subtle effects of low-amplitude pressure wave dynamics on the ballistic performance of guns	1974
19760078699	Study of flame spreading through single base propellant beds	1974
19760078700	Gas flow and flame spreading in porous beds of ball propellant	1974
19760078701	Governing equations for the average properties of a system of two interpenetrating media applied to the interior ballistics of a gun numerical solutions and comparison with experiments	1974
19760078702	Analysis of flame spreading and combustion in gun cartridges	1974
19760078703	The combustion characteristics of HMX	1974
19760078704	A window bomb study of HMX combustion	1974
19760078705	HMX thermal decomposition chemistry and its relation to HMX-composite propellant combustion	1974
19760078706	Combustion of nitramine propellants	1974
19760078707	Advanced gun propellant for GAU-8	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078708	A photochemical combustion mechanism for mesa and plateau burning double-base propellants	1974
19760078709	Effect of pressure and ballistic modification on the chemistry of solid propellant combustion	1974
19760078710	High pressure combustion studies of nitrocellulose propellants	1974
19760078711	Effect of external thermal radiation on the burning rate of double base solid propellants	1974
19760078712	Synergistic catalytic effects in sandwich and composite propellant combustion	1974
19760078713	The combustion of ammonium perchlorate various inorganic additives	1974
19760078714	Analysis of AP propellant combustion catalyzed with NBF: A limiting case	1974
19760078715	Acoustic emissions from burning propellant strands	1974
19760078716	Acoustic emissions from burning propellant strands	1974
19760078717	Determination of the acoustic responses of solid propellants by the impedance tube method	1974
19760078718	Ignition transients and pressurization in closed chambers	1974
19760078719	Nonlinear analysis of T-burners	1974
19760078720	Stability measurements using a second mode burner	1974
19760078721	Hydraulic analogy study T-burner vent gain/loss	1974
19760078722	Progress in resolving T-burner uncertainties using cold gas acoustic tests. Part 1: Effects of burner geometry	1974
19760078723	Interaction of acoustic waves with a solid propellant burning surface	1974
19760078724	Report on the workshop on nonlinear combustion instability	1974
19760078725	Acoustic stability characterization of the Trident I (C4) motors	1974
19760078726	Verification of T-burner for stability measurements	1974
19760078727	On the use of small-scale nozzle admittance data in rocket stability analysis	1974
19760078728	Suppression of a longitudinal mode instability in a boost-sustain solid rocket motor	1974
19760078729	The 11th JANNAF Combustion Meeting, volume 2	1974
19760078730	Combustion in the simulated atmosphere of Venus	1974
19760078731	Design analysis procedures using the JANNAF distributed energy release computer program	1974
19760078732	Rocket performance prediction technique	1974
19760078733	Gas/gas combustion. A panel discussion	1974
19760078734	Acoustic cavity technology for OME-type engines	1974
19760078735	High-pressure oxygen/hydrogen investigation using a unielement combustor	1974
19760078736	Phase stabilization of an intermediate frequency instability through propellant flight time adjustment	1974
19760078737	Vaporization limited combustion stability study using an analog process	1974
19760078738	Experimental determination of rocket injector response factors	1974
19760078739	Application of the Galerkin method in the prediction of nonlinear nozzle admittances	1974
19760078740	Detonability of self-oxidizing bi-liquid sprays	1974
19760078741	Droplet size distribution functions for rocket combustor spray fields	1974
19760078742	Gas-droplet flow field in the vicinity of an atomizer	1974
19760078743	Ignition techniques for gaseous oxygen-hydrogen mixtures	1974
19760078744	Experimental determination of turbulence in a GH2-GOX rocket combustion chamber	1974
19760078745	Experimental investigation of pressure and velocity in the developing region of a coaxial jet	1974
19760078746	A synthesis of the combustion processes in chemical lasers	1974
19760078747	Combustor for gas dynamic laser	1974
19760078748	Evaluation of selected fuels and oxidizers for DF chemical lasers	1974
19760078749	Comparison of DF chemical laser performance with H ₂ , C ₂ H ₆ , and H ₂ S combustor fuels	1974
19760078750	Experimental evaluation of condensed phase gas dynamic laser fuels	1974
19760078751	GDL technology, the impact of solid fuels	1974
19760078752	Pressure recovery and decontamination of chemical laser effluents via solid propellant technology	1974
19760078753	Autoignition characteristics of hydrocarbon fuels at elevated temperatures and pressures	1974
19760078754	An experimental study of fuel spray vaporization rates	1974
19760078755	Workshop summary report sudden dump burner	1974
19760078756	Ramburner flow visualization studies	1974
19760078757	Turbulent axisymmetric base flow studies for external burning propulsion	1974
19760078758	An investigation of the internal ballistics of solid fuel ramjets	1974
19760078759	Correlations for Predicting the Temperature Field Produced by a Single Row of Cool Jets Injected into a Hot, Confined Crossflow	1974
19760078794	The 1974 JANNAF Propulsion Meeting, volume 1, part 1	1974
19760078795	Transtage: A minimum risk candidate for the Interim Upper Stage (IUS)	1974
19760078796	An improved transtage thrust chamber assembly based on OME technology	1974
19760078797	A solid stage approach to IUS	1974
19760078798	Application of the Bell Agena rocket engine to the IUS	1974
19760078799	Reusable Centaur propulsion system	1974
19760078800	Space tug propulsion system assessment: Storable versus cryogenic	1974
19760078801	RL10 Derivative Engines for Space Tug	1974
19760078802	Assessment of main engine options for multiple-burn space tug missions	1974
19760078803	Advanced Space Engine Technology	1974
19760078804	LOX/MMH propulsion for space tug	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078805	High performance reusable thrust chamber technology	1974
19760078806	Space Tug Attitude Control Systems: Monopropellant versus bipropellant	1974
19760078807	Substantial advancements in satellite propulsion system technology	1974
19760078808	The economics of alternative propulsion systems	1974
19760078809	Plume impingement technology	1974
19760078810	Approaches to spacecraft contamination assessment	1974
19760078811	Electric thrust beam interactions with spacecraft surfaces	1974
19760078812	Effects of injector design and catalyst bed retention on N2H4 thruster life	1974
19760078813	Comparison of platinum-iridium alloy and cobalt-based alloy for hydrazine thruster catalyst bed screens	1974
19760078814	Monopropellant hydrazine rocket engine pulsing performance analysis	1974
19760078815	Hydrazine engine cold-start evaluation	1974
19760078817	The 1974 JANNAF Propulsion Meeting, volume 1, part 2	1974
19760078818	ATS valve contamination experience	1974
19760078819	Passivity experiments on hydrazine fueled satellite propulsion subsystems	1974
19760078820	Long term propellant, material compatibility assessment from short term data	1974
19760078821	A non-catalytic ignition system	1974
19760078822	Effect of wear reducing additives on barrel heat input	1974
19760078823	Gun barrel erosion prediction and gas flow modeling efforts, an overview	1974
19760078824	Small arms barrel fouling and erosion	1974
19760078825	Overview of liquid propellant gun technology	1974
19760078826	Laboratory studies to develop reduced ignition delays in the 155mm Howitzer	1974
19760078827	Propelling charge design and validation for M68 growth potential program	1974
19760078828	Consideration of environmental impact in space programs	1974
19760078829	Project engineering and the environment, planning for synergy	1974
19760078830	Hydrochloric acid aerosol formation by the interaction of hydrogen chloride with humid air	1974
19760078831	Evaluation of a chemiluminescent hydrogen chloride and a NDIR carbon monoxide detector for environmental monitoring	1974
19760078832	Monitoring of HCL from solid propellant launch vehicles	1974
19760078833	Propellant disposal by wet air oxidation	1974
19760078834	Propellant ingredient reclamation by solvolysis	1974
19760078835	Incineration processes for propellant and explosive waste disposal	1974
19760078836	Propellant ingredient reclamation by solvolysis	1974
19760078837	Assessing environmental impact	1974
19760078838	Status of HTPB propellants	1974
19760078839	Development of an inflatable exit cone structure for the C4 second stage motor	1974
19760078840	Nozzle/TVC technology status Trident C4 program	1974
19760078841	GIDEP alert generation and control	1974
19760078842	Technical standard for processing and utilizing GIDEP reports	1974
19760078843	Government Industry Data Exchange Program (GIDEP)	1974
19760078844	Monthly Record. Meteorological Observations in Canada, June 1974	1974
19760078845	Monthly record. Meteorological observations in Canada, July 1974	1974
19760078847	Product assessment test report on transformers, power, general purpose, enclosed not hermetically sealed	1974
19760078848	Product assessment test report on coils, inductance, fixed, 30-300 KHz, 2-10 watts 1-30 volts, ferromagnetic, encapsulated	1974
19760078849	Production assessment test report (2760404) on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1974
19760078850	Photographic systems performance analysis using double-annulus targets	1974
19760078856	Wide band, high-speed data rate recording concepts and systems	1974
19760078862	Qualification test report, gyro rate control package on gyros, integrating, hermetically sealed, miniature, electric motor	1974
19760078863	Parts evaluation report, capacitor. Capacitors, fixed, film metallized, hermetically sealed, lead mount	1974
19760078864	Parts evaluation report, capacitor. Capacitors, fixed, film, metalized, hermetically sealed, lead mount	1974
19760078867	Evaluation testing of laser trimmed metal film resistors	1974
19760078874	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760078875	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760078876	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760078877	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760078878	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1974
19760078879	Production assessment test report on semiconductor, diode, voltage, reference, silicon, diffused glass	1974
19760078880	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760078881	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760078886	Production assessment test report (2760407) on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1974
19760078887	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor HI-Rel	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078888	Production assessment test report (2760404) on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1974
19760078889	Production assessment test report (2760408) on semiconductors, special types of, matched, silicon, planar, epitaxial	1974
19760078890	Production assessment test report (2760403) on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1974
19760078891	Production assessment test report (2760404) on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1974
19760078892	Production assessment test report (276041-2) on semiconductors, transistors, field effect, silicon, n-channel, planar, metal can	1974
19760078893	Production assessment test report on semiconductors, transistors, field effect, silicon, n-channel, planar, metal can	1974
19760078894	Production assessment test report (2760406) on semiconductors, transistors, general purpose, silicon, p-n-p, planar, metal can	1974
19760078895	Production assessment test report (2760403) on semiconductors, transistors, general purpose, silicon, n-p-n, planar, metal can	1974
19760078900	Infrared materials and dual FOV infrared telescope evaluation	1974
19760078902	Aircraft and radar weather data, analysis for PVM-5, AFCRL/Minuteman report number 1	1974
19760078903	The Air Force manual for design and analysis of hardened structures	1974
19760078904	The use of smoke to enhance aircraft survivability. Volume 1: Summary, main report, appendices A-H	1974
19760078912	Qualification test procedure (11369411) on semiconductor, transistor, fast switching silicon, NPN, metal can	1974
19760078914	Results of acoustic fatigue tests on three series of bounded beaded panles	1974
19760078916	The performance of adsorptive vapour filters. Part 1: Protective capacity	1974
19760078918	Exposure control for duplicate film processing	1974
19760078920	Production assessment test of dc torque-motor/tachometer, frameless	1974
19760078924	Investigation of the effects of stress and chemical environments on the prediction of fracture in aircraft structural materials. Volume 1: Text	1974
19760078925	Product assessment test report on coils, inductance, fixed, 30-300 kHz, 10-100 watts, 30-109 volts, ferromagnetic, encapsulate	1974
19760078926	Production assessment test report on capacitors, fixed ceramic, molded, lead mount, contractor Hi Rel	1974
19760078927	Production assessment test report on coils, inductance, fixed, 30-300 kHz 2-10 watts 1-30 volts, ferromagnetic, encapsulated	1974
19760078929	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760078930	Product assessment test report on resistors, fixed, wire wound, NOC, molded	1974
19760078931	Production assessment test report on resistors, fixed, metal film, precision, molded, .05 - .10 watt	1974
19760078932	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760078933	Production assessment test report on transformer, pulse, NOC enclosed, audio frequency, NOC	1974
19760078934	Production assessment test report on transformers, pulse, NOC, enclosed audio frequency, NOC	1974
19760078935	Production assessment test report on transformers, pulse, NOC, enclosed, audio frequency, NOC	1974
19760078936	Production assessment test report on transformers, power, NOC, enclosed (not hermetically sealed) audio frequency, NOC	1974
19760078937	Production assessment test report on transformers, audio frequency, enclosed, audio frequency, NOC	1974
19760078938	Production assessment test report on transformers, saturable core, enclosed 3 - 30 KHz	1974
19760078939	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760078940	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1974
19760078941	Production assessment test report on microelectronic circuits, amplifier, Hybrid circuits, NOC, flat pack	1974
19760078942	Production assessment test report on resistors, fixed, metal film, precision, molded, .05 - .10 watt	1974
19760078944	General Purpose Multiplex Study (GPMS)	1974
19760078966	FLAMR system acceptance test results (U)	1974
19760078973	State-of-the-art review: Large turbines (U)	1974
19760078975	Feasibility demonstration of the A-7C Tactical Airborne Reconnaissance Pod System (TARPS) (U)	1974
19760078976	Survivability design guide for US Army aircraft nuclear hardening, volume 2 (U)	1974
19760078977	Passive nosetip technology (PANT) program. Volume 6: Graphite ablation data correlation and analysis (U)	1974
19760078978	Passive nosetip technology (PANT) program. Volume 3: Surface roughness effects. Part 3: Boundary layer transition data correlation and analysis (U)	1974
19760078979	Passive nosetip technology (PANT) program. Volume 3: Surface roughness effects. Part 2: Roughness augmented heating data correlation and analysis (U)	1974
19760078982	Aerodynamic demonstration and design analysis for high tip speed fans and compressors. Volume 1: Preliminary design studies, stationary and rotating cascade results (U)	1974
19760078985	Development of power sources for reliable acoustic path sonobuoy (U)	1974
19760078987	Aerodynamic demonstration and design analysis for high tip speed fans and compressors. Volume 3: Development of the XF-26, two-stage fan. Appendix A: XF-26 design point aerodynamic summary: Appendix B. Blade geometry. Appendix C: Blade element performance test results	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078988	Aerodynamic demonstration and design analysis for high tip speed fans and compressors. Volume 2: Development of the XF-26, two-stage fan (U)	1974
19760079008	Foliage desensitized sensor development (U)	1974
19760079009	Air-to-air weapons effectiveness. AIRVAL task 1.2B radio-frequency signature measurements (U)	1974
19760079012	Multiple Independently Maneuvering Submissile study (MIMS). Volume 3: Life cycle cost report (U)	1974
19760079015	Church anchor explosive sources (SUS) propagation measurements (U)	1974
19760079044	The AG(EH)-1 in support of future hydrofoil systems development, fiscal year 1974. volume 3: Recommended modification program, calendar years 1977 - 1979, propulsion and weapon system installations (U)	1974
19760079045	The AG(EH)-1 in support of future hydrofoil systems development, fiscal year 1974. Volume 2: Recommended modification program, calendar years 1975 - 1976, weapon system installations (U)	1974
19760079046	The AG(EH)-1 in support of future hydrofoil systems development, fiscal year 1974. Volume 1: Historical compendium of investigations conducted in fiscal year 1974 (U)	1974
19760079050	Design, fabrication, and development test of the ARROW rocket system (SEAS candidate). Volume 4, appendix H: Tactical system design (U)	1974
19760079073	AN/FPS-95 research and development program (final technical report, Naval Research Laboratory, general) (U)	1974
19760079074	AN/FPS-95 research and development program (final technical report, Naval Research Laboratory, missile detection) (U)	1974
19760079075	AN/FPS-95 research and development program (final technical report, Naval Research Laboratory, aircraft detection by means of surface wave) (U)	1974
19760079076	AN/FPS-95 research and development program (final technical report, Naval Research Laboratory, long-path one-way propagation effects) (U)	1974
19760079077	AN/FPS-95 research and development program (final technical report, Naval Research Laboratory, performance prediction effects) (U)	1974
19760079086	AN/FPS-95 research and development program (final technical report, Naval Research Laboratory, synoptic measurements) (U)	1974
19760079087	AN/FPS-95 research and development program (final technical report, Naval Research Laboratory, noise/interference environment) (U)	1974
19760079151	Evaluation of helicopter and surface launched anti-radiation missile concepts, volume 2 (U)	1974
19760079152	Evaluation of helicopter and surface launched anti-radiation missile concepts, volume 1 (U)	1974
19760079167	Report on laser countermeasures tests, operational evaluation of the Bulldog weapon system (U)	1974
19760079188	Advanced prototype system for drone command and control (U)	1974
19760079194	Multiple Independently Maneuvering Submissile study (MIMS). Volume 1: Executive summary (U)	1974
19760079195	Multiple Independently Maneuvering Submissile study (MIMS). Volume 2: Technical report (U)	1974
19760079230	Predicted AH-1G body contrast signature degradation due to spatial filtering (U)	1974
19760079268	Pamphlet on electronic measuring apparatus	1974
19760079273	EMC analysis of four elements of the 407L system	1974
19760079274	EMC analysis of four elements of the 407L system. Appendix A	1974
19760079275	Study of mutagenic and cytotoxic properties of irradiated food products	1974
19760079287	Production assessment test report (2760406) on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1974
19760079288	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760079289	Product assessment test report on coils inductance, fixed, audio freq., NOC, .125-.25 watt, 109-240 volts, diamagnetic, encapsulated	1974
19760079290	Product assessment test report on electrolytic, tantalum solid, hermetically sealed, lead mount, contractor hi-rel	1974
19760079292	Vulnerability study: Aerosol scattering measurements task, volume 1	1974
19760079296	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760079297	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760079298	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1974
19760079299	Production assessment test report on transformer, power general purpose enclosed, audio frequency, NOC	1974
19760079300	Production assessment test report on transformers, power, NOC, enclosed	1974
19760079307	Production assessment test report on semiconductors, diode, voltage reference, silicon, diffused glass	1974
19760079308	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1974
19760079309	Production assessment test report on transformer, step-up, open, audio frequency, NOC	1974
19760079310	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial	1974
19760079311	Production assessment test report on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1974
19760079312	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760079313	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760079315	A manufacturing methods and technology project for ferrites and garnets used in phased-array radar	1974
19760079316	Pilot's cockpit weapon control panel	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079318	Advanced hydrofluidic servovalve	1974
19760079319	Production procedures for plastic periscopes	1974
19760079320	A method for predicting the stability characteristics of control configured vehicles. Volume 3: FLEXSTAB 2.01.00 programmer's manual	1974
19760079336	Loudspeakers, permanent magnet	1974
19760079338	RFI filter, filters, electrical, radio, freq., NOC, low pass, fixed	1974
19760079340	Effect of electron bombardment on the high-voltage photovoltaic effect in Si and Ge films	1974
19760079341	High temperature liquid semiconductor contact-point diode	1974
19760079342	Approximate method of calculating the velocity of solid particles accelerated by a light gas gun	1974
19760079346	Single crystal growth by vapor transport processes	1974
19760079347	Silicon-on-sapphire device photoconduction predictions	1974
19760079352	Development and design of a conductive mix detonator	1974
19760079355	Low Cost Full Size Target (LCFST) system trade-off study	1974
19760079356	Voice control demonstration system	1974
19760079358	Selected topics in adaptive data modems	1974
19760079359	Selected developments in adaptive data modems	1974
19760079363	Theoretical analysis and prediction means of a three-dimensional turbulent boundary layer	1974
19760079364	An optimization method applied to composite structures	1974
19760079365	Electron loss processes in a plasma controlled by a beam of high energy electrons	1974
19760079366	Meteorological observations in Canada, October 1974	1974
19760079367	Canadian upper air data, November 1974, monthly bulletin	1974
19760079368	Canadian upper air data, December 1974, monthly bulletin	1974
19760079370	A strain gage pressure sensor for measuring tides on the continental shelf	1974
19760079375	Coating materials for printed circuit boards	1974
19760079377	Theoretical and experimental study of diffracted rays produced by the cutting edge of a thin obstacle	1974
19760079378	Bottom currents in the Weddell Sea results of long time currentmeter moorings at 74 deg S, 40 deg W, during IWSOE 1968-1973	1974
19760079379	Computer code for estimating the projected area for aircraft	1974
19760079380	Parts evaluation report, diodes: Semiconductor, diode, rectifier, silicon grown, metal	1974
19760079381	Parts evaluation report, diodes: Semiconductor, diode, rectifier, silicon, grown, metal	1974
19760079382	Parts evaluation report, diodes: Semiconductor, diode, rectifier, silicon, grown, metal	1974
19760079390	Combustion of nitramine propellants	1974
19760079391	Combustion of nitramine propellants	1974
19760079395	Manufacturing methods program for X-band TR limiter	1974
19760079396	Manufacturing methods program for X-band TR limiter	1974
19760079399	The use of phased provisioning in the Department of National Defence	1974
19760079401	Infrared radiation measurements of arctic targets and backgrounds in winter	1974
19760079403	Some problems in measuring air pollutants in clean atmospheres	1974
19760079404	UHF radio control/display unit with transceiver input/output interface	1974
19760079409	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC flat pack	1974
19760079411	Electronics parts screening tests, general specification for general technical data, parts procurement general specification and plans	1974
19760079412	Weapon applications of adaptive optics	1974
19760079414	Qualification test on transistors: Semiconductors, transistors, field effect, silicon, N-channel, planar, plastic enclosure	1974
19760079416	Qualification test on capacitors, semiconductors, diode, thyristor, silicon, plastic	1974
19760079417	Qualification test on transistors, semiconductors, transistors, general purpose, silicon, NPN, planar, plastic encl.	1974
19760079418	Qualification test on transistors, semiconductors, transistors, field effect, silicon N-channel, planar, metal can	1974
19760079420	Qualification test on capacitors: Capacitors, fixed, electrolytic, aluminum, metallic case, lead mount	1974
19760079421	Qualification test on capacitors: Capacitors, fixed, electrolytic, aluminum, metallic case, lead mount	1974
19760079422	Qualification test on capacitors: Capacitors, fixed, ceramic, T. C., dipped, lead mount	1974
19760079423	Qualification test on capacitors: Capacitors, fixed, ceramic, T. C., dipped, lead mount	1974
19760079424	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760079425	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760079426	Low Cost Full Size Target (LCFST) system trade-off study. Volume 2: Target vehicle concepts	1974
19760079429	Qualification test report on transformers, step-down, hermetically sealed, 400 cycles only	1974
19760079437	Qualification of Leach Corporation on relays, 1 to less than 5 amp, latching, DPDT	1974
19760079438	Qualification of dale resistor DC2-24. Resistors, fixed, carbon film, precision, molded, 2-10 watts	1974
19760079439	Qualification tests of transformer pulse BuWeps drawing 2827825. Transformers, pulse, NOC, hermetically sealed, 300-3000 MHz	1974
19760079445	New high-strength steels	1974
19760079448	Laboratory benches for optical holography with insulation against mechanical vibrations	1974
19760079451	Fuze exploratory development program Fuze Air Sensing Techniques (FAST), volume 1	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079452	Fuze exploratory development program Fuze Air Sensing Technique (FAST), volume 2	1974
19760079453	Fuze exploratory development program Fuze Air Sensing Techniques (FAST), volume 3	1974
19760079462	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760079463	Qualification of BSM type connectors supplied by Plessey Connector Division	1974
19760079464	Qualification of TSM connectors supplied by Pressey Connector Division, Incorporated	1974
19760079471	Fatigue testing program for the wing of the SZD-37 Jantar glider	1974
19760079472	Microfractographic features with applications to failure analyses of aircraft materials	1974
19760079479	The atomics international molten salt process for the recovery of silver from photographic film, pilot plant testing	1974
19760079480	F-4E Austere Head-Up Display (AHUD)	1974
19760079484	Telephone system: Fiber optic model S202	1974
19760079486	Hazard evaluation of ammonium azide fuel for a subliming solid gas generator	1974
19760079506	Aeromechanics prediction and analysis techniques	1974
19760079514	Theoretical and experimental investigations on the driving mechanism of a shock wave simulator of large cross section	1974
19760079516	Study of tetramethylammonium halides by nuclear magnetic resonance	1974
19760079520	Investigation of internal macrostresses in thin layers of CdTe	1974
19760079529	F/FB-111 nosewheel tire tests	1974
19760079530	F-111F category 2 performance and propulsion tests	1974
19760079531	A method for predicting the stability characteristics of control configured vehicles. Volume 4: FLEXSTAB 2.01.00 B-52E LAMS demonstration case and results	1974
19760079534	C3 requalification test procedure on semiconductor, diode, voltage reference	1974
19760079535	C3 requalification test procedure on semiconductors, diode, voltage reference	1974
19760079538	Analysis of orthophototechnology processes	1974
19760079540	Cold-start requirements for diesel engines and evaluation of starting aids	1974
19760079543	Reverse osmosis of waste water containing dyes	1974
19760079547	PHM human engineering report	1974
19760079569	Preliminary study of candidate aircraft for a circulation control high lift wing flight demonstrator	1974
19760079572	Calculation of radar cross section. Volume 1: User's guide	1974
19760079576	Component Parts information bulletin, issue number 6	1974
19760079577	In situ constitutive relations of soils and rocks	1974
19760079578	A comparative evaluation of two brush-on paint strippers	1974
19760079587	A method for predicting the stability characteristics of control configured vehicles. Volume 1: FLEXSTAB 2.01.00 theoretical description	1974
19760079589	Analysis and digital simulation models for CLGP: Martin Marietta aerospace design	1974
19760079595	Limited tests of the CH-3E/80H mid-air retrieval system (MARS)	1974
19760079596	Report of test on coil, tube deflection	1974
19760079597	Screening of resistors manufactured by Victoreen	1974
19760079598	Hand control trigger switch qualification test	1974
19760079601	Reliability verification test procedure on resistor, fixed, carbon film, NOC	1974
19760079604	Loudspeakers, permanent magnet	1974
19760079615	The atomics international molten salt process for the recovery of silver from photographic film, prototype unit design and economics	1974
19760079616	A computer program for displacement and stress analysis with membrane elements on constructions consisting of plates and trusses: User's manual	1974
19760079617	Reliability/maintainability program plan for electro-optical guided bomb kit	1974
19760079618	Electro-optical guided bomb weapon system (WS 213) system safety program plan	1974
19760079629	Design, fabrication and testing of the high and low pressure stages of a multistage liquid nitrogen rotary vane type engine, phase 1, part 1	1974
19760079630	Design, fabrication and testing of the high and low pressure stages of a multistage liquid nitrogen rotary vane type engine, phase 1, part 2	1974
19760079631	An automated system for the optimization of wing pivot systems. Volume 2: User's manual. Appendix A. General two-lug structure	1974
19760079632	An automated system for the optimization of wing pivot systems. Volume 2: User's manual. Appendix B. One-lug problem	1974
19760079633	An automated system for the optimization of wind pivot systems. Volume 2: User's manual. Appendix C. Two-lug structure with actuator	1974
19760079634	An automated system for the optimization of wing pivot systems. Volume 2: User's manual. Appendix E. No pin structure	1974
19760079635	An automated system for the optimization of wing pivot systems. Volume 3: Programmer's manual	1974
19760079639	Physics of RF sputter deposition	1974
19760079645	Application of a substructuring technique to the problem of crack extension and closure	1974
19760079650	Advanced penetration problems program, volume 1	1974
19760079654	Relevancy of impurities on irradiated response of MOS devices	1974
19760079656	Modular multi-sensor display system design study. Volume 1: Requirements analysis and design studies	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079657	Modular multi-sensor display system design study. Volume 2: Detail design and application analysis	1974
19760079659	Technological problems with large-area solar cell arrays	1974
19760079662	Parts evaluation reports, diodes. Semiconductor, diode, rectifier, silicon, Grown, metal	1974
19760079664	In situ constitutive relations of soils and rocks	1974
19760079672	Evaluation of 7050-T73654aluminum alloy pie forging	1974
19760079678	Conductivity meter calibration procedure	1974
19760079679	Viking orbiter 75 belt life test report	1974
19760079680	Test report on potting material for electrical connectors	1974
19760079684	Evaluation of the effect of particulates on filter/coalescer elements	1974
19760079692	Methodology investigation on study of optical modulation transfer function measurement	1974
19760079703	Some possibilities of automating large-scale map making	1974
19760079704	Development of the national electrochemistry and the Academy of Sciences of the USSR	1974
19760079705	Adsorption and electrochemical properties of palladium-ruthenium alloys	1974
19760079715	DOD Space Transportation System (STS) command and control data system study orbital requirements document	1974
19760079716	DOD Space Transportation System (STS) command and control data system study. Volume 6: Secure data and equipment handling	1974
19760079719	Theory of operation for the Surface Charge Imaging Device (SCID) confirming sensor	1974
19760079733	Some comments on the effectiveness of an optical ranging and detection system for submarine search	1974
19760079739	A summary report on Navy packaging waste and waste disposal methods	1974
19760079757	Development test 2 (DT 2) integrated/service phases (ES) of the variable speed training target (VSTT) contractor design, model 1089	1974
19760079761	Eutectic composite turbine blade development. Phase 5: System analysis YJ101 composite engine study (U)	1974
19760079794	Maritime search and rescue operations with airborne night vision sensors (U)	1974
19760079801	Modular radar concepts study (U)	1974
19760079906	Minuteman flight analysis report. Volume 1: Basic performance. (LGM 30F operational test phase 2 program; launch 22, FTM 2396, Glory Trip 122M-1 WS-133AM) (U)	1974
19760079925	AN/FPS-95 research and development Program. MITRE, Signal Processing Program System (SPPS) computer program, functional description, final technical report (U)	1974
19760079926	AN/FPS-95 research and development Program. MITRE, Signal Processing Program System (SPPS) computer program, user's guide, final technical report (U)	1974
19760079927	AN/FPS-95 research and development program. MITRE, Signal Processing Program System (SPPC), computer program, system extension library user's guide, final technical report (U)	1974
19760079928	AN/FPS-95 research and development program. MITRE, Signal Processing Program System (SPPS) computer program, user programmer's guide, final technical report (U)	1974
19760079958	The attrition of the CNESRO-1 hydrazine decomposition catalyst under repeated cold start conditions	1974
19760079959	Development evaluation of the aluminum-brazed titanium system. Volume 1: Program summary	1974
19760079960	Development and evaluation of the aluminum-brazed titanium system. Volume 2: Process R and D	1974
19760079961	Development and evaluation of the aluminum-brazed titanium system. Volume 3: Scale-up technology	1974
19760079962	Development and evaluation of the aluminum-brazed titanium system. Volume 4: Material properties	1974
19760079963	Development and evaluation of the aluminum-brazed titanium system. Volume 5: Structural verification	1974
19760079964	Development and evaluation of the aluminum-brazed titanium system. Volume 6: Corrosion resistance	1974
19760079965	Development and evaluation of the aluminum-brazed titanium system. Volume 7: Producibility and costs	1974
19760079966	Development and evaluation of the aluminum-brazed titanium system. Volume 8: Process specification	1974
19760079985	Computation of the performance of HF aeriels mounted on aircraft	1974
19760080009	Journal of the Royal Naval Scientific Service, volume 29, number 4	1974
19760080010	Programming language standards	1974
19760080011	Microwave high power techniques	1974
19760080012	Superplastic metals technology	1974
19760080013	Resistance of a sodium/sodium polyaluminate boundary	1974
19760080014	Strengthening metals with fibers	1974
19760080015	Production of rolled metal in a wide assortment	1974
19760080016	Alloys with high damping properties	1974
19760080017	Safety measures in development, production, and testing of solid rocket propellants	1974
19760080029	Plastic wastes incineration by rotary kiln	1974
19760080030	Mobile power stations	1974
19760080031	Production assessment test report (2760407) on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1974
19760080035	Impedance measurements on the boundary of the metal/electrolyte RbAg4I5	1974
19760080050	Personnel parachute four-line release system. Performance investigation of application to 28-foot diameter flat circular personnel recovery parachute assemblies	1974
19760080061	Air to surface missile performance and design sensitivity	1974
19760080075	Investigation of the effects of stress and chemical environments on the prediction of fracture in aircraft structural materials, volume 2, appendix A	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080077	Preliminary design of a tactical reconnaissance RPV (Remotely Piloted Vehicle)	1974
19760080111	Ten years of meteorological data at ocean weather station PAPA	1974
19760080117	Advanced technological development related to mini-RPV's	1974
19760080122	Summary of minuteman piece-parts test data. Volume 1: Diodes	1974
19760080123	Summary of minuteman piece-parts test data. Volume 2: Transistor	1974
19760080124	Summary of minuteman piece-parts test data. Volume 3: Integrated circuits, sections 11-25	1974
19760080125	Summary of minuteman piece-parts test data. Volume 3: Integrated circuits, sections 1-10	1974
19760080136	Development of a computerized method for missile design loads determination	1974
19760080141	Special Pockel Cell applications	1974
19760080153	Radiation-response piece-parts data bank. Software user's guide, volume 1	1974
19760080161	Low microwave frequency passive components	1974
19760080170	All Applications Digital Computer (AADC) Data Processing Element (DPE) programmers reference manual	1974
19760080173	A noise survey of HMCS Terra Nova	1974
19760080180	Cost effectiveness study of selected marine sanitary devices. Phase 2: Effectiveness assessment	1974
19760080181	Cost effectiveness study of selected marine sanitary devices. Phase 1: Development of life-cycle cost estimates	1974
19760080197	Optimum parameters in 14.5 MeV neutron radiography	1974
19760080206	A computer program for the calculation of vibrations of large-area solar cells	1974
19760080212	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760080213	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1974
19760080249	Adverse weather attenuation measurements	1974
19760080255	Bromine residual chemistry and the halogen membrane electrode	1974
19760080258	Production assessment test report on relays, instrument relay, 1 to less than 5 Amp, hermetically sealed, DPDT	1974
19760080259	The analysis of single-base propellant compositions using gas-liquid chromatography	1974
19760080261	Component evaluation report on resistors, variable, cermet, single turn, linear, 1-2 watts	1974
19760080267	First article test report of power transformer. Transformer, step-down down, hermetically sealed, 400 cycles only	1974
19760080268	First article test of L537 000 232 on microelectronic circuits, logic, monolithic circuits, NOC, dual-in-line	1974
19760080273	Tin whisker growth on electrical apparatus	1974
19760080275	Surface wave auto/cross correlation	1974
19760080281	Destructive Physical Analysis (DPA) requirements general baseline document	1974
19760080282	Service life evaluation program report	1974
19760080284	Mealing of conformal coatings on PCB's after humidity testing	1974
19760080285	Flux cleaning evaluation	1974
19760080289	Sperry model A SLG-15 laser gyro operation, service and performance manual	1974
19760080292	The 1974 seminar on pyrotechnic reliability	1974
19760080299	Development of high temperature (1250F) wire and connector	1974
19760080300	Drag-reducing fumer for application in small arms	1974
19760080302	A study of yawed rod impacts	1974
19760080303	Long range dynamics flight experiments with the 155 mm projectile, M483	1974
19760080306	Experimental study of interior impact	1974
19760080307	Model of gun propellant flame spreading and combustion	1974
19760080317	AN/FPS-95 research and development program, Naval Research Laboratory, radar signal processing computer program (RSP)	1974
19760080342	Space-age acronyms	1974
19760080344	Modem partitioning study, volume 1	1974
19760080352	Predicting long term performance of plastic pipe	1974
19760080355	Closed flux memory system design for AADC	1974
19760080356	Wideband IFM flyable brassboard	1974
19760080359	Bibliography on fuel cells, 1963 - 1974	1974
19760080361	The effect of facial hair on the leakages of face pieces for subjects wearing compressed air breathing apparatus	1974
19760080440	Feasibility study of two optimally aided navigation systems for ARM applications (U)	1974
19760080445	Development and delivery of wafer diode image tubes (U)	1974
19760080450	Modular multi-sensor display system design study. Volume 3: Tabulation of sensor-display parameters (U)	1974
19760080454	Broadband, high power VHF crossed-field amplifier (U)	1974
19760080467	Vulnerability of the US Navy A-7E aircraft to selected non-explosive projectile threats, volume 1 (U)	1974
19760080473	Volume limited missiles using pod-mounted ramjets (U)	1974
19760080494	DNA EMP (electromagnetic pulse) handbook. Volume 2: Analysis and testing, revision (U)	1974
19760080501	A noise survey of four wheeled-armoured reconnaissance vehicles	1974
19760080502	Acoustic properties of head gear, 34. The Cal-Mil Para Rescue helmet AD-10, the Gentex corporation DH-169 CVC helmet, and the Racel-Amplivox Sono-Valve Low and High Brow communication helmets	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080507	Page changes to spread spectrum vulnerability study (U)	1974
19760080601	Slant Haar transform	1974
19760080604	Limiting performance characteristics of steady state systems	1974
19760080606	Recent crustal deformation in the Ethiopian Rift Valley	1974
19760080607	Fluid dynamic aspects of jet noise generation	1974
19760080609	Nutation control during precession of a spin-stabilized spacecraft	1974
19760080610	Further characteristics of the evening energetic electron decreases during substorms	1974
19760080620	A comparison of some observations of the Galilean satellites with the theory	1974
19760080621	A continuing controversy: Has the cometary nucleus been resolved?	1974
19760080622	The magnetosheath electron population at lunar distance: General features	1974
19760080623	Performance improvement by innovations feedthrough in the linear-quadratic-Gaussian control problem	1974
19760080624	On proposed models for the interaction of the magnetized solar wind with the geomagnetic field: A comparison of space probe and satellite results	1974
19760080625	The memory-aided digital phase-locked loop	1974
19760080626	Structural variation in amorphous Ge	1974
19760080629	Energy benefits from space technology	1974
19760080636	Overthreat and temperature effects on the ballistic limit of dual hardness steel (U)	1974
19760080652	Development of HTPB propellant for air launched missiles (U)	1974
19760080654	Exploratory development in gun propellants: Fiscal year 1973 report (U)	1974
19760080661	The 75mm hybrid recoilless direct fire system booster motor (U)	1974
19760080669	Carborane burning rate catalysts (U)	1974
19760080681	The effect of explosive detonation characteristics on shaped charge performance	1974
19760080684	Spectroscopic diagnostics of H ₂ /O ₂ flames	1974
19760080685	Measurement of vibrational relaxation of HF in a shock tube	1974
19760080687	Cellular concrete studies. Project DIDO QUEEN, field construction	1974
19760080709	Vibration survey reports	1974
19760080711	Product improvement test of 600-GPM, pump assembly, water, diesel-engine-driven	1974
19760080712	Development test 2 (engineering phase) of refrigerated Milvan container (three containers)	1974
19760080717	Study of activated charcoal by magnetic resonance	1974
19760080718	Electrochemical study of solvoacidity reactions in phosphorus oxychloride	1974
19760080719	Chalcogenide glass semiconductor switching structures	1974
19760080720	Strain measurements on the collapsible 450 cu m aluminum container system Steinborn	1974
19760080721	Principles of pyrotechnics	1974
19760080722	Energy producing machine	1974
19760080723	Pyrolysis of old tires: A contribution to the problem of waste elimination	1974
19760080745	A preliminary study of gradient MAD and natural background noise	1974
19760080764	Methodology investigation of neutron radiography of missiles and missile components	1974
19760080766	Impact of lasers on materiel development options	1974
19760080767	Reliability demonstration test report: World wide voice message synthesizer	1974
19760080781	Bubble domain memory systems	1974
19760080782	Bubble domain field access device modeling the magnetization problem, part 1	1974
19760080783	Oscillator, radio frequency (2.0 MAZ)	1974
19760080784	Production assessment test report on semiconductors, diodes, general purpose, silicon, diffused, glass	1974
19760080785	Production assessment test report NAVORD 2760406-1 on semiconductors, transistors, general purpose, silicon, PNP, planar, metal can	1974
19760080786	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC flat pack	1974
19760080787	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1974
19760080791	New conductive materials for the A. A. D. C. module	1974
19760080792	Microcircuit, digital: Microelectronic circuits, gate, metal oxide, glass, flatpack	1974
19760080794	Medium Scale Integrated (MSI) microcircuit testing	1974
19760080801	Mechanization of free integrators in digital servo controllers	1974
19760080802	DC effects of truncation in digital servo loops	1974
19760080803	Applications of digital signal processing to control systems	1974
19760080804	A special purpose digital control compensator	1974
19760080805	Angular visibility maps for selected source locations on Army helicopters	1974
19760080813	Stud welding of aluminum alloy fasteners	1974
19760080815	Prediction of pitch and heave motions of hullborne hydrofoil vessels	1974
19760080828	Voltage divider switch investigation	1974
19760080829	C4 program derating policy for electronic electro-mechanical parts	1974
19760080833	Failure analysis, separation nut, P/N 9362163-P72-2	1974
19760080836	GAU-7/A gun system development, phase 4. Volume 1: Technical discussion, book 3	1974
19760080844	Qualification tests of BuWeps drawing 2296679-P2 on transformers, power, general purpose, enclosed 0-3 KHz	1974
19760080845	Qualification of Victoreen resistor: Resistors, fixed, metal film, precision, molded, 2-10 watts	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080846	Semiconductor devices, bridge rectifier, silicon (908761) (908761-1) (908761-2)	1974
19760080848	Range increase of projectiles by heat and/or mass addition to the base or external flow	1974
19760080849	NASTRAN investigations at NUC	1974
19760080853	Relay test (2260800-3) on relays, 1 to less than 5 amp, hermetically sealed, DPDT	1974
19760080854	Relay test (1971254-1) on relays, latching, 1 to less than 5 amp, hermetically sealed, DPDT	1974
19760080855	Relay test (1972450-1)	1974
19760080856	Relay test on relays, 10 to less than 20 amp, hermetically sealed, DPDT	1974
19760080858	Qualification inspection per MIL-F-15733E on filters, electrical, low pass, dc, fixed	1974
19760080859	Magnetic bubble memory	1974
19760080860	System analysis for spaceborne/airborne magnetic bubble mass memory	1974
19760080861	Printed wiring board contamination and cleaning evaluation	1974
19760080865	Long term temperature cycling investigation on capacitors, fixed, ceramic, molded, lead mount, MIL-est. rel.	1974
19760080866	Long term temperature cycling investigation on capacitor, fixed, ceramic, molded, lead mount, MIL-est. rel.	1974
19760080867	Integrated circuit, linear, analog gate, five channel, MOS, FET (908907)	1974
19760080868	Switches, thermostatic (908355)	1974
19760080872	Integrated circuits, adder, subtractor	1974
19760080893	Vulnerability of the US Navy A-7E aircraft to selected non-explosive projectile threats. Volume 2: Appendix A	1974
19760080901	Material evaluation for a polycarbonate model 790 radome cover	1974
19760080902	Instrumentation for passive airborne ranging	1974
19760080905	Airborne conformal electronic scanning array	1974
19760080925	First article test of L537 000 231 on microelectronic circuits, drivers, hybrid circuits, metal, flat pack	1974
19760080927	Coating characteristics of anodized 201-T7 aluminum casting alloy	1974
19760080931	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760080937	Architecture for tactical switched communication system. Annex F5, directory	1974
19760080947	Modeling techniques for determination of N517A1/C53E survival to EMP	1974
19760080973	Remote sensing of sea ice in Nares Strait and the Arctic Ocean	1974
19760080986	Analysis and modeling of soft breakdown and related kink phenomena in MOS/SOS transistors	1974
19760080997	Effectiveness of collision avoidance console design features on performance during point-to-point transit. Part 1: Research design	1974
19760081020	Multiple array serial scan (MASS) FLIR system design and analysis. Volume 2: Proprietary data	1974
19760081028	Bibliography of technical reports	1974
19760081029	Bibliography: Ships gas turbines. Period: 1968 - 1974	1974
19760081032	A method for predicting the stability characteristics of control configured vehicles. Volume 2: FLEXSTAB 2.01.00 user's manual	1974
19760081034	Thermodynamic-kinetic model of stress corrosion cracking	1974
19760081040	PbSnTe FLIR array detector	1974
19760081041	Design of aircraft for low radar cross section: Broadside sector, volume 2	1974
19760081049	LS-1A escape system center of gravity verification	1974
19760081063	Development test 2 (engineering phase, desert) of cartridges	1974
19760081065	Methodology investigation on advanced data collection techniques	1974
19760081068	Sensor technology analysis and forecast. Phase 1: Surveillance and target acquisition implications	1974
19760081073	Lance adaption kit M61 squib firing failure analysis	1974
19760081074	Investigation of lance shipping container M511 cradle misalignment	1974
19760081121	USAF precision pointing and tracking systems for high energy laser applications test results (U)	1974
19760081135	Thermal calibration of nimonic PE16 temperature monitors	1974
19760081143	Concept and definitions of nuclear fission dual-mode rocket propulsion/power generating systems in the 100 to 1000 WWe range	1974
19760081147	Advanced waste forms research and development	1974
19760081156	Digital computer simulation of inductor-energy-storage dc-to-dc converters with closed-loop regulators	1974
19760081157	The X-Ray, optical, and radio behavior of Scorpius X-1: The 1971 coordinated observations	1974
19760081158	Fine structure of the murine sarcoma virus as revealed by high resolution electron microscopy and color interferometry	1974
19760081164	Computer output microfilm (FR-80) systems software documentation, volume 3	1974
19760081236	Cross correlation between cosmic-ray scintillations and interplanetary magnetic-field fluctuations	1974
19760081237	Cartographic investigations from Skylab	1974
19760081238	Lower body negative pressure: The second manned Skylab mission	1974
19760081239	The frequency pattern of the dumpy mutations induced by X-rays in different stages of spermatogenesis of Drosophila	1974
19760081240	On the possible focusing of interplanetary matter streams	1974
19760081242	Methods of alleviation of ionospheric scintillation effects on digital communications	1974
19760081243	Diagrammatic theory of transition of pendulum like systems	1974
19760081244	Evidence for circumstellar shells in the pleiades lower main sequence	1974
19760081245	Syndrome-source-coding for data compression	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081246	Aouellou crater glass: Minor element composition and comparison with local sandstones	1974
19760081247	Results of 1973 occultations of Europa by Io	1974
19760081248	Earthquake prediction: Modelling the anomalous V sub p/v sub s source region	1974
19760081255	Some rate 1/2 binary convolutional codes of various types which are optimal for various criteria	1974
19760081257	Table-aided design of the energy-storage reactor in dc-to-dc converters	1974
19760081261	Stable isotopes as a guide to biogeochemical processes	1974
19760081262	Establishment and evolution of satellite-satellite resonances	1974
19760081263	Homogeneously catalyzed formaldehyde condensation to carbohydrates. 3: Concentration instabilities, nature of the catalyst, and mechanisms	1974
19760081268	Metabolic studies during exercise: The second manned Skylab mission	1974
19760081270	A parametric study of closed bomb testing of M6 propellants	1974
19760081280	PT 2 (service-use phase) of multi-leg tanker mooring system	1974
19760081285	All attitude control study	1974
19760081286	Aanderaa recording current meters	1974
19760081297	Application specification for microcircuit JANM38510/10103	1974
19760081299	Digital salinity temperature and depth instrument	1974
19760081304	Corrosion characteristics of lubricated fasteners installed in 2124-T851 plate	1974
19760081317	Image restoration, task 2	1974
19760081331	RRS Discovery cruise 64, 17 July - 13 August 1974. Physical oceanography and marine biology of the equatorial Atlantic: Part of GARP Atlantic Tropical Experiment (GATE) oceanic equatorial experiment	1974
19760081338	Production assessment test report on relays, armature, 1 to less than 5 AMP, hermetically sealed, DPDT	1974
19760081339	Production assessment test report on capacitor, fixed, film, hermetically sealed, lead mount, contractor hi-rel	1974
19760081340	Product assessment test report on capacitors, fixed, electrolytic, tantalum, wet, hermetically sealed lead mount, contractor hi-rel	1974
19760081343	Qualification report for connector, plug, electrical	1974
19760081346	Modification CPU-66/A altitude computer	1974
19760081360	Test and evaluation of the Navy oil waste raft (Donut)	1974
19760081366	Analytic solutions for late time plasma initiation above laser-irradiated surfaces	1974
19760081380	Validation of reduced composite allowable variation via prestressing	1974
19760081384	Strategic reentry technology program (street aiv). Volume 1: Task 4.1.8.1 3D inviscid flow analysis	1974
19760081395	Bibliography on rolling (material)	1974
19760081396	Manufacturing methods for production of quality superalloy engine parts	1974
19760081423	Malfunction investigation: Cast aluminum vaporizer, Hex Industries P/N 1833, used at Complex 36	1974
19760081424	Malfunction investigation: Storage cell (wet), Gould P/N ETC-9, used in the operational communications system Complex 39	1974
19760081426	The advanced VP vehicle concept formulation study	1974
19760081433	Instruction manual for APR 39/41. Volume 2: Appendices	1974
19760081443	Evaluation of the environmental impact and recommended control measures to reduce the noise generated from military helicopter operations at the McGuire Veterans Administration Hospital, Richmond, Virginia	1974
19760081447	A program to design and build DIFAR transducers with reduced flow noise sensitivity	1974
19760081451	Computer program development specification for satellite attack warning feasibility model integrated prediction program	1974
19760081454	Fluidized-bed reduction system	1974
19760081485	Current events power reactors	1974
19760081487	Summary of abnormal occurrences reported to the Atomic Energy Commission during 1973	1974
19760081493	Advanced waste forms research and development	1974
19760081494	High density penetrator performance in a hard target	1974
19760081496	Reliability calculation for flying objects	1974
19760081508	Theory of operation and use of create tape system, version 2	1974
19760081511	Radiation of whistlers by helical electron and proton beams	1974
19760081517	FOA orientation on air pollution	1974
19760081522	Development of the corrugated foldable-arm and self-aligning pole models of rapid deployment disruptors	1974
19760081531	DOD AIMS program feasibility study of L-shaped static probes for the F-4C aircraft	1974
19760081538	Methodology investigation of standardized methodology for conducting electromagnetic interference EMI tests	1974
19760081541	Electrolytic oxygen generator development program	1974
19760081542	ABMDA research center ASC/7600 interface diagnostic simulator	1974
19760081551	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi-reel	1974
19760081555	Hydrometeor Erosion and Recession Test (HEART) Program	1974
19760081566	Production assessment test report on capacitors, fixed, electrolytic, tantalum solid, hermetically sealed, lead mount, contractor hi-rel	1974
19760081567	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1974
19760081568	Production assessment test report on capacitors, fixed, film, hermetically sealed, lead mount, contractor hi-rel	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081569	Production assessment test report on capacitors, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor hi-rel	1974
19760081570	Production assessment test report on capacitor, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor hi-rel	1974
19760081571	Production assessment test report, NAVORD 2760403-1, on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1974
19760081572	Production assessment test report on semiconductors, diode, rectifier, silicon, diffused, plastic	1974
19760081573	Production assessment test report, NAVORD 2760407-1, on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1974
19760081574	Production assessment test report on capacitors, fixed, film metallized, hermetically sealed, lead mount, contractor hi-rel	1974
19760081575	Step stress tests on polysulfone and ceramic capacitors (3296A0336-1)	1974
19760081613	DISCOID 525 (U)	1974
19760081632	Tri-command tactical radar warning receiver handbook (U)	1974
19760081718	Configuration study of standardized solar powered spacecraft	1974
19760081721	Independent cost estimates for standardized solar-powered spacecraft	1974
19760081732	Notes on tungsten rhenium thermocouples	1974
19760081734	Design, construction, and calibration of a nonfocusing neutron spectrometer	1974
19760081736	Maps of North American crustal stability and geothermal potential	1974
19760081757	Photometric statistical performance of the SEC target	1974
19760081760	An analysis of the heat of explosion test for propellant acceptance	1974
19760081770	L-phase variants of Agromyces ramosus	1974
19760081771	Markov information sources	1974
19760081772	Skylab 1: Crew health care and clinical findings	1974
19760081773	Discussion of the paper: A note on signal enhancement for dual magnetometer systems	1974
19760081774	A brief study of the interaction mechanism of magnetized solar wind streams with the geomagnetic field: Vela 3, Explorers 33 and 35, and Mariner 5	1974
19760081775	Integrated utility system design concept	1974
19760081776	Observed departures from spherical symmetry of the microwave attenuating cloud layer in the atmosphere of Venus: Mariner 2	1974
19760081777	On the stochastic stability of linear systems containing colored multiplicative noise	1974
19760081778	Short-period and long-period perturbations of a spherical satellite due to direct solar radiation	1974
19760081779	Antenna and path-interaction in rain depolarization	1974
19760081780	The reflectance of finite, absorbing and scattering layers with non-unity refractive index and the influence of Gaussian quadrature on accuracy	1974
19760081781	The nakhlites	1974
19760081782	History of the lunar regolith from neutrons	1974
19760081783	Porosity of some laminar carbon/carbon composites	1974
19760081784	Experimental vibrational intensity distributions for continuum photo-ionization to the X 2 Sigma (+), A 2pi, and B 2Sigma (+) states of CO(+) and N2(+)	1974
19760081785	Molecular abundances in interstellar clouds. 1. Ionization balance	1974
19760081786	Molecular abundances in interstellar clouds. 2. Simple oxygen bearing molecules	1974
19760081787	Dating of degassing events in ordinary chondrites by the Ar-40-Ar-39 technique	1974
19760081788	Mechanical processes affecting differentiation of proto-lunar material	1974
19760081789	An ion-pumping system for cryogenic detector dewars	1974
19760081797	Thermal alteration experiments on organic matter in recent marine sediment. 2. Isoprenoids	1974
19760081798	Thermal alteration experiments on organic matter in recent marine sediment. 3. Aliphatic and steroidal alcohols	1974
19760081799	Thermal alteration experiments on organic matter in recent marine sediment. 4. Acids and hydrocarbons	1974
19760081801	Light scattering in the vicinity of plasma frequencies in pyrite-type magnetic semiconductors	1974
19760081802	Solar-wind tritium limit from Surveyor 3	1974
19760081807	Lunar data and where its at	1974
19760081812	Characteristics and applications of room temperature optically modulated electronic tunneling metal-metal junction barriers	1974
19760081813	The evolutionary significance of phase-separated microsystems	1974
19760081814	Determination of cardiac size following space missions: The second manned Skylab mission	1974
19760081815	Nonlinear optical techniques for generation of VUV and soft X-ray radiation	1974
19760081816	Present tectonic plate motions from lunar ranging	1974
19760081817	Pre- and postflight systolic time intervals during LBNP: The second manned Skylab mission	1974
19760081819	Health status and monitoring: The second manned Skylab mission	1974
19760081821	Thermal radiation from Titan's atmosphere	1974
19760081824	Aspects of primordial condensation	1974
19760081828	Atmospheric flight and testing of the orbiter vehicle	1974
19760081830	Progress in research related to genetic engineering and life synthesis	1974
19760081831	Nutritional aspects of feeding man in space	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081834	Sleep monitoring: The second manned Skylab Mission	1974
19760081837	Analysis and design of a rectifier LC-filter circuit for continuous- and discontinuous-conduction modes	1974
19760081838	The space shuttle reliability program	1974
19760081839	High energy X-ray observations of the southern sky	1974
19760081840	Seeing the world of the invisible: Now and in the future	1974
19760081841	Perturbed lateral structure of electromagnetic cascades in emulsion chambers	1974
19760081842	Cyclotron instability of drifting plasma clouds	1974
19760081843	Eradication of latent images in nuclear emulsion	1974
19760081844	The effect of prolonged weightlessness on aldosterone excretion	1974
19760081845	Study of an act demonstrator with substantial performance improvements using redesigned JetStar	1974
19760081846	Substorm particle injection and drifts as observed by Explorer 45 (S3)	1974
19760081847	Behavior of the 1.65 mu OH airglow during one night	1974
19760081848	What we have learned from the magnetosphere	1974
19760081852	On the helium abundance in the galactic center and in quasars	1974
19760081853	Ionization structure and transfer of radiation in dusty nebulae	1974
19760081855	Progress in our understanding of cometary dust tails	1974
19760081857	Steady and oscillatory subsonic and supersonic aerodynamics around complex configurations	1974
19760081858	Photoionization and autoionization of excited rare gas atoms	1974
19760081860	Rare earth element abundances in Greenland anorthosites	1974
19760081864	Measurement of a single tendon reflex in conjunction with a myogram: The second manned Skylab mission	1974
19760081865	Application of narrow-band television to industrial and commercial communications	1974
19760081867	Summary of bi-directional canopy model 1	1974
19760081868	Torsional modulus and damping of carbon fibers	1974
19760081869	Formation of the lunar atmosphere	1974
19760081870	Application and sensitivity investigation of Fourier transforms for microwave radiometric inversions	1974
19760081872	Overall view of the problem presented in the feeding of and nutrition of man in space	1974
19760081873	ISIS: An interactive facility for scene analysis research	1974
19760081874	Magnetic properties and structure of x Fe2O3, (1-x) BaO . 4 B2O3 glasses	1974
19760081877	Hydromagnetic-wave structure of toroidal modes in the magnetosphere	1974
19760081878	Strong scintillations in astrophysics. 2. A theory of temporal broadening of pulses	1974
19760081879	X-ray emission from U geminorum and the radio spur at l equals 200 degrees	1974
19760081880	Alloy design for ultrahigh strength-(composites)	1974
19760081882	Interagency report. Astrogeology 61: Mapping the planet Mars by Mariner 9	1974
19760081883	Localized quasi-stationary plasma modes in one, two, and three dimensions	1974
19760081884	SST technology follow-on program. Phase 2: Transient excitation techniques for wind tunnel and flight flutter testing of SST configurations	1974
19760081892	The residence time of solar-flare-produced tritium in the solar atmosphere	1974
19760081906	Methodology investigation on solution of special problems using infrared techniques	1974
19760081907	Some unusual oscillating bearing applications in liquid propellant rocket engines	1974
19760081925	Effect of bearing defects	1974
19760081939	CMOS radiation hardening	1974
19760081947	Chemical laser diffuser/ejector technology phase 1A, a preliminary design	1974
19760081948	Turbine engine design investigation, part 1	1974
19760081953	Aircraft engine emissions catalog	1974
19760081966	Preliminary evaluation of the YA-10A flight control system modifications	1974
19760081985	Architecture for tactical switched communication systems. Annex F3: Network timing	1974
19760081995	BISS image communications study	1974
19760081998	Development of HEMP assessment methodology for satellite terminals, volume 2	1974
19760082013	Battery number EAP-6210 (XM-18)	1974
19760082031	Performance, stability and seakeeping characteristics of a model of the 100-B testcraft. Part 1: Performance and stability characteristics	1974
19760082035	First article test of (L537 015 501): Microelectronic circuits, nand gate, monolithic circuits, NOC, flat pack	1974
19760082064	Architecture for tactical switched communication systems. Annex d: Assessment of technology	1974
19760082066	Design and test of a liquid helium cooled dewar and IR detector assembly	1974
19760082077	Applications of laser communications technology, volume 2	1974
19760082078	Applications of laser communications technology, volume 3	1974
19760082082	Deflector/nozzle program, volume 1	1974
19760082092	Strategic reenty technology program street-A4. Volume 3: Task 4.1.4 simplified shape change	1974
19760082094	Marine Corps teleprocessing requirements study, volume 1	1974
19760082103	Development test 2 (engineering phase) of roof, air-supported, for hasty bulk fuel storage reservoir	1974
19760082108	Biochemistry fluid and electrolyte results: Second manned Skylab mission (SLIII)	1974
19760082110	Preparation and properties of rubidium chloride doped solid solutions	1974
19760082111	Czocaralski growth of CdTe-CdSe	1974
19760082112	Single crystal zinc selenide by vapor transport	1974
19760082113	Evaluation test report on relay, armature: Relays, power, 20 to less than 50 amps, unenclosed, 3PST	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082114	Evaluation test report on relay, armature. Relays, stepping, 20 to less than 50 amps, unenclosed, 3PST	1974
19760082119	Switch, push, illuminated	1974
19760082120	Coaxial coupler, stripline	1974
19760082121	Production assessment test report on semiconductors, diode, rectifier, silicon, diffused, glass	1974
19760082122	Production assessment test report on semiconductors, diode, general purpose, silicon, diffused glass	1974
19760082123	Production assessment test report on semiconductor, diode, general purpose, silicon, diffused glass	1974
19760082124	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760082125	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760082126	Production assessment test report on microelectronic circuits, gate, monolithic circuits, flat pack	1974
19760082127	Qualification of texas instrument transistor NPN general purpose NAVORD 2760115-1	1974
19760082128	Production assessment test report on semiconductor, diode, rectifier, silicon, diffused, glass	1974
19760082129	Production assessment test report, on microelectronics circuits, amplifier, hybrid circuits, NOC, flat pack	1974
19760082130	Production assessment test report, NAVORD 27604041, on semiconductor, transistor, general purpose, silicon, p-n-p, planar, metal can	1974
19760082131	Production assessment test report, NAVORD 2760410, on transistors field effect, silicon, N-channel, epitaxial	1974
19760082132	Production assessment test report on transformers, power, general purpose, enclosed, 3-30 KHZ	1974
19760082133	Production assessment test report, on transformer, step-up, open, audio frequency, NOC	1974
19760082134	Flight control requirements for weapon delivery	1974
19760082135	First article test of (t537 016 002): Microelectronic circuits, driver, monolithic circuits, NOC, dual-in-line	1974
19760082147	Surface effect ships structures technology design manual, volume 1. Part A: Introduction and summary design (design criteria, loads)	1974
19760082148	Surface effect ships structures technology design manual, volume 1. Part B: Summary design (plating analysis)	1974
19760082149	Surface effect ships structures technology design manual, volume 1. Part C: Summary design (miscellaneous analyses)	1974
19760082150	Surface effect ships structures technology design manual, volume 2: Structural loads	1974
19760082151	Surface effect ships structures technology design manual. Volume 3: Computerized structural analysis	1974
19760082152	Surface effect ships structures technology design manual. Volume 4: Structural materials	1974
19760082153	Surface effect ships aero/hydrodynamics technology design manual. Volume 1: Introduction and summary design	1974
19760082154	Surface effect ships aero/hydrodynamics technology design manual. Volume 2: Design criteria, range, drag, and components	1974
19760082155	Surface effect ships aero/hydrodynamics technology design manual. Volume 3: Dynamic performance	1974
19760082156	Surface effect ships aero/hydrodynamics technology design manual. Volume 4: Tradeoff influences and testing	1974
19760082157	Surface effect ships propulsion technology design manual. Volume 1: Introduction, summary design, and prime movers	1974
19760082158	Surface effect ships propulsion technology design manual. Volume 2: Transmissions	1974
19760082159	Surface effect ships propulsion technology design manual. Volume 3: Supercavitating propellers	1974
19760082160	Surface effect ships propulsion technology design manual. Volume 4: Waterjet propulsion	1974
19760082180	Hand held calculator applied to an advanced Omega receiver	1974
19760082181	The 1974 IR and D final report fracture toughness improvement	1974
19760082182	Network, resistor and capacitor, RFI suppression	1974
19760082183	Motor, step servo, .28A at 28 VDC/phase 3.0 oz. in. starting torque 1.062 in. dia. X 1.622L. shaft .1245 dia. X.375L	1974
19760082185	Qualification report for connector, receptacle, electrical	1974
19760082186	Evaluation test plan for metallized, polycarbonate, fixed film capacitors to MIL-C-39022/9C (USAF)	1974
19760082192	Development test 2 (engineering phase) of very-short-range ground surveillance radar AN/PPS-15 ()	1974
19760082227	Foreign affairs implications of military technology. Volume 1: Summary and analysis (U)	1974
19760082228	Foreign affairs implications of military technology. Volume 2: Appendixes (U)	1974
19760082263	Development of a method for optimal maneuver analysis of complex space missions	1974
19760082276	Molecular gas species in the lunar atmosphere	1974
19760082277	SUMC memory system design study, appendix A	1974
19760082323	Evaluation of PVC for use as a mould in the fully encapsulated epoxy resin cable joint (U)	1974
19760082421	Phased array antenna and radiometry development	1974
19760082441	External airlift test of a mobile range safety system module using an H-53 helicopter	1974
19760082453	Qualification test report flight control electronics package, A3TA	1974
19760082461	Test report pulse transformer: Transformers, pulse, NOC enclosed, 30-300 KHZ	1974
19760082462	Update of DYNTACS X documentation	1974
19760082468	MINISINS interface equipment technical manual	1974
19760082481	Reliability demonstration plan - World wide voice message synthesizer	1974
19760082489	Theoretical response curves for QMIS filters	1974
19760082492	Chemical oceanography in Canada: A review of the past and an assessment for the future	1974
19760082541	Bibliography on peening and blasting	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082545	First article test of (T537 017 601). Microelectronic circuits, TTL monolithic circuits, NOC, flat-pack	1974
19760082558	Evaluation of coated aluminum electrical connector shells for corrosive performance at KSC	1974
19760082570	Closed loop, thermal-imaging fire control system (U)	1974
19760082577	Development specification ITNS computer program for D/AHRS - EM log demonstration computer program performance specification (U)	1974
19760082582	YF-16 lightweight prototype program. Volume 2: Performance, aerodynamics, and propulsion (U)	1974
19760082584	YF-16 lightweight fighter prototype program. Volume 3: Stability and flight control (U)	1974
19760082585	YF-16 lightweight fighter prototype program. Volume 4: Airframe structures (U)	1974
19760082586	YF-16 lightweight fighter prototype program. Volume 6: Avionics (U)	1974
19760082767	Model development and BMD criteria study	1974
19760082785	Selected papers from the International Conference on Nondestructive Testing, 7th	1974
19760082789	Subversion of a secure operating system	1974
19760082795	Qualification tests of ATR tube: Electron tube, gas, special purpose	1974
19760082813	Programmable Head Up Display (HUD-121)	1974
19760082814	Programmable Head Up Display (HUD-121), appendix 1	1974
19760082815	Programmable Head Up Display (HUD-121), appendix 2	1974
19760082816	Programmable Head Up Display (HUD-121), appendix 3	1974
19760082817	Programmable Head Up Display (HUD-121), appendix 4	1974
19760082818	Programmable Head Up Display (HUD-121), appendix 5	1974
19760082826	Qualification status of power supply (APN 10671414)	1974
19760082828	Improved paints and painting systems	1974
19760082833	Switch, thermostatic. Switch, electrical, bi-metal, temperature, SPST	1974
19760082870	EOD laser cutting tool	1974
19760082872	A method for identifying parameters of analytically modeling systems	1974
19760082880	Qualification test report valve, type A, valves, sequence, flapper, electrical, gas hot	1974
19760082900	Methodology to evaluate strategic command and control systems	1974
19760082901	Report of test on meter height	1974
19760082926	Production assessment test report on microelectronic circuits, gate, hybrid circuits, NOC, flat pack	1974
19760082927	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760082928	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760082933	Proceedings of the 1974 spring FULMEN meeting	1974
19760082934	A preliminary evaluation of the low speed performance and handling qualities of a T-2C aircraft modified with a circulation control flap system	1974
19760082940	Analysis of crossed wires in a plane-wave field	1974
19760082942	Relationship between total currents and surface current densities induced on aircraft and cylinders	1974
19760082943	On EMP excitations of cavities with small openings	1974
19760082944	Quasi-static magnetic field penetration into a hemispherical indentation in an infinite conducting plane	1974
19760082945	Analysis of an L-shaped wire over a conducting ground plane using the singularity expansion method	1974
19760082947	A random exchange model with constant decrements	1974
19760082958	Logic tree analysis, a fault tree graphics approach	1974
19760082959	Low production cost vuilleumier cycle cryogenic refrigeration system	1974
19760082960	Monsanto (man-82) 7 segment display on light sources, electrical, electroluminescent, indicating	1974
19760082971	Pulsed surface tracking in air and various gases	1974
19760082983	Polyester terephthalate (Mylar) film flat, unperforated and perforated aluminized	1974
19760082999	Failure analysis of leaking beryllium hermetic housings	1974
19760083000	Thermal expansion anisotropy of beryllium-tantalum coextrusions	1974
19760083004	Qualification test report for connectors, electrical general purpose groups A, B and C on connectors, electrical, receptacle only, low voltage and low signal, captive, miniature rectangular	1974
19760083009	Production assessment test report on semiconductor, diode, voltage reference, silicon diffused glass	1974
19760083010	Production assessment test report NAVORD-2760403-1 on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1974
19760083011	Production assessment test report on semiconductor, transistor, power, silicon, NPN, planar, metal can	1974
19760083014	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1974
19760083015	Qualification test report, hydraulic power unit	1974
19760083017	Vertical launcher design concept study	1974
19760083027	An evaluation of computer programs using integral equations for electromagnetic analysis of thin wire structures	1974
19760083035	Microcircuit, digital to analog converter, 6 bit	1974
19760083047	Qualification report on Darlington transistor per BuWersDwg. 2576693 on semiconductors, special types of amplifier, silicon, planar epitaxial	1974
19760083050	Wire, electrical (GE 7843409P8)	1974
19760083052	Qualification of a 50W, silicon n-p-n power transistor	1974
19760083073	Radiometer mapping ocean currents (U)	1974
19760083089	The 1974 Millimeter Waves Techniques Conference, volume 3 (U)	1974
19760083150	The effects of heat flux from immersion heaters on HD engine oil	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083167	Qualification for AS132687	1974
19760083171	Capacitor, chip, ceramic, high reliability	1974
19760083172	Capacitor, fixed, solid electrolyte, tantalum, high reliability	1974
19760083173	Capacitor, fixed, ceramic dielectric, high reliability	1974
19760083177	Product assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1974
19760083178	Production assessment test report on relays, instrument relay, 10AMP to less than 20AMP hermetically sealed, DPDT	1974
19760083180	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1974
19760083181	Production assessment test report on capacitors, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor hi-rel	1974
19760083205	Investigation of cracking in CRES donut-castings	1974
19760083215	Washer, nonmetallic	1974
19760083224	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1974
19760083235	Nuclear scattering and energy loss on small signal high-altitude electromagnetic pulse calculations	1974
19760083236	EMP propagation in the ionosphere	1974
19760083251	Qualification report for semiconductor, device, diode on semiconductors, diode, rectifier, silicon, diffused, glass	1974
19760083253	Network, resistor and capacitor on resistor: 100 OHMS plus or minus 10 percent 1/4 watt. Capacitor: 0.1 UF plus or minus 10 percent 200 WVDC. 9/16 LX 5/16 D. 1 and 1/4 in. leads	1974
19760083254	Filter, bandpass	1974
19760083258	Test of HMT-150-4 Hydromechanical transmission	1974
19760083259	HPT-125 Hydromechanical Power Train design and fabrication	1974
19760083270	Aircraft fuel system tests with anti-misting fuel additives	1974
19760083275	Time dependent internal emp for spherical and cylindrical symmetry	1974
19760083276	EMP, induced skin currents on aircraft	1974
19760083345	Extended range data link Walleye (Mk 13 Mod 2) (U)	1974
19760083506	YF-16 lightweight fighter prototype program interim flight test report. Volume 5. Airframe subsystems	1974
19760083510	YF-16 lightweight fighter prototype program interim flight test report. Volume 1: Introduction and flight test program summary	1974
19760083541	YF-16 lightweight fighter prototype program interim flight test report. Volume 7. Armament and stores	1974
19760083543	Second breakdown in the presence of intense ionizing radiation Paul P.	1974
19760083560	Speedbrake and trim control unit	1974
19760083567	Stabilization of remotely piloted vehicles by earth field potential	1974
19760083585	Investigation of neutron radiography techniques for corrosion inspection of A-7 nose landing gear	1974
19760083588	Density-time measurements in the DRES 3 Foot diameter blast simulator	1974
19760083596	Connector Coaxial, single crimp type, TNC	1974
19760083598	Connector, electrical, high voltage	1974
19760083599	C4 engineering evaluation test procedure IRC type UC on resistors, fixed, metal film, NOC, molded, .05-.10- watt	1974
19760083622	Shielding effectiveness of braided wire shields	1974
19760083623	Effects of a dielectric jacket of a braided-shield cable on EMP coupling calculations	1974
19760083630	Determination of thermal properties of the pbd bonded honeycomb structure and associated materials	1974
19760083681	Comparison of some aspects of the relative operational effectiveness of the A-7D and A-10 aircraft engaged in close air support (U)	1974
19760083690	Marine Corps of offensive air support requirements (1983 - 1992) (U)	1974
19760083701	Early warning systems utility study (U)	1974
19760083834	Sufficient conditions for the uniqueness of parameter estimates from binary-response data	1974
19760083836	Statistical properties of the interplanetary microscale fluctuations	1974
19760083849	Further numerical calculations of the circulation of the atmosphere of Venus	1974
19760083852	A quantum receiver for detection of binary coded sequences	1974
19760083853	Physical properties of interplanetary grains	1974
19760083879	OH-6A airframe production learning curves	1974
19760083881	Methodology investigation of effects of accumulation and discharge of electrostatic potentials on weapons and equipment	1974
19760083888	Orbiter mid-fuselage, phase 2 development test. Part 2: Evaluation test results	1974
19760083906	Effects of environment on microseismic wave propagation characteristics in support of SID testing at Fort Bragg, North Carolina. Report 2: Comparison of summer and winter season conditions	1974
19760083929	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760083948	A plasma model for the disturbed environment (U)	1974
19760083968	A-7C/E night VFR strike tactics against the OSA/Komar threat (U)	1974
19760083969	A-6A P-8 computer program (U)	1974
19760083970	A-7E all-weather tactics, volume 3 (U)	1974
19760083971	A-7C/E Operational Flight Program (OFP) 01-11-3 (U)	1974
19760083972	A-7C/E BLITZ tactics (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083973	A-6E radar terrain clearance operating mode (U)	1974
19760083974	Remote sensor delivery tactics A-4, A-6, A-7, F-4, and OV-10 aircraft (U)	1974
19760084002	V/STOL concept sensitivity study (U)	1974
19760084088	DREV management information system	1974
19760084098	Production assessment test report on resistor, fixed, metal film, precision, molded .25 watt	1974
19760084105	Infrared color photomicrography of soil microorganisms	1974
19760084128	Appraisal of unicellular algae as to the prospects for their utilization as a source of protein in the diet	1974
19760084132	Inhibition of copper azide formation	1974
19760084135	Free flight range tests of a high density armor piercing flechette utilizing yaw cards	1974
19760084136	Production assessment test report on relay, armature, 1 to less than 5 amp, thermetically sealed, DPDT	1974
19760084138	Production assessment test report on coil, inductance, fixed, audio frequency NOC, less than .1 watt, 1-30 volts, diamagnetic, encapsulated	1974
19760084139	Production assessment test report on coil, inductance, fixed, 30-300 KHz, 2-10 watts, 1-30 volts, ferromagnetic, encapsulated	1974
19760084140	Production assessment test report on transformer, step-down enclosed audio frequency, NOC	1974
19760084141	Production assessment test report on resistor, fixed, metal film, precision, molded, .05 - .10 watt	1974
19760084142	Production assessment test report on capacitor, fixed, film, metallized non-metallic case, lead mount, contractor hi-rel.	1974
19760084143	Production assessment test report on relays, instrument relay, 10 AMP, hermetically sealed, DPDT	1974
19760084144	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1974
19760084145	Production assessment test report on transformers, pulse, NOC, enclosed, audio freq. NOC	1974
19760084146	Production assessment test report on transformers, audio frequency, enclosed, audio freq. NOC	1974
19760084147	Production assessment test report on resistors, fixed, tin oxide, NOC, molded .25 watts	1974
19760084149	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1974
19760084150	Production assessment test report on resistor, fixed, metal film, precision, molded .125 - .25 watt	1974
19760084151	Production assessment test report on resistor, fixed, metal film, precision, molded .10 - .125 watt	1974
19760084152	Production assessment test report on filters, electrical, low pass, radio frequency NOC, fixed	1974
19760084160	Payload adapter with destruct system and pitch retro installation	1974
19760084161	Production assessment test report on transformers, power NOC, enclosed	1974
19760084162	Production assessment test report on transformers, step-up, open, audio freq. NOC	1974
19760084163	Production assessment test report on filters, electrical, low pass, radio frequency, NOC fixed	1974
19760084164	Production assessment test report on filter, electrical, low pass, radio frequency, NOC, fixed	1974
19760084165	Production assessment test report on transformer, step-up, open, audio frequency, NOC	1974
19760084166	Production assessment test report on transformer, step-up, open, audio frequency, NOC	1974
19760084167	Production assessment test report on capacitor, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor hi-rel.	1974
19760084168	Production assessment test report on relay, armature, 1 to less than 5 amp, hermetically sealed, DPDT	1974
19760084169	Production assessment test report on relay, armature, 1 to less than 5 amp, hermetically sealed, DPDT	1974
19760084170	Production assessment test report, NAVORD 2760403-1, on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1974
19760084171	Production assessment test report, NAVORD 2760412-1, on semiconductor, special type of, matched, silicon, planar, epitaxial	1974
19760084175	Production assessment test report on semiconductors, special types of field affect, silicon, planar epitaxial	1974
19760084189	Aeroballistic range data reduction technique utilizing numerical integration	1974
19760084191	Development of an in-flight thrust control system for advanced tactical aircraft phase IIC (design and fabrication)	1974
19760084192	Development and fabrication of a space hardened Nd (plus 3) YAG laser transmitter system for orbital range and altitude control	1974
19760084200	Fluid-thermal-structural analysis of chemical laser nozzles	1974
19760084208	Production assessment test report NAVORD 2760407-1, on semiconductors, transistors, field effect, silicon N-channel, Planar, metal can	1974
19760084209	Production assessment test report on capacitor, fixed, film, hermetically sealed, lead mount, contractor hi-rel	1974
19760084211	Production assessment test report on transformers, audio frequency, enclosed, audio freq. NOC	1974
19760084213	Production assessment test report on relay, armature, 1 to less than 5 amp, hermetically sealed, DPDT	1974
19760084221	Strategic reentry technology program (STREET A-4). Task 4.1.8.1 3-D inviscid flow analysis	1974
19760084231	A review of the literature on briefing and target acquisition performance	1974
19760084233	Use of MIL-G-83261 grease in attitude heading reference unit of C-5A	1974
19760084236	Evaluation of bag contamination of Hexcel type T epoxy insulating resin, P/N J-12, and Hexcel epoxy insulating compounds, P/N T-6	1974
19760084239	Arc tracking comparison of various dielectric materials to be used at the TRESTLE site	1974
19760084240	Volume and surface resistivity determination for various dielectric materials to be used at the TRESTLE site	1974
19760084241	Dielectric constant and loss tangent determination for various dielectric materials to be used at the TRESTLE site	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084259	Simulated air launch environment. Volume 2: Aeroheat data summary	1974
19760084261	Transformers, signal and power and inductors, high reliability	1974
19760084285	Interaction of HF over-the-horizon techniques with anti-submarine warfare (U)	1974
19760084300	Advanced tactical navigational techniques (U)	1974
19760084324	Radar threat definition study (U)	1974
19760084390	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1974
19760084391	Production assessment test report on transformers, power, NOC, enclosed, audio freq. NOC	1974
19760084392	Production assessment test report on transformer, saturable core, enclosed, 3-30 kHz	1974
19760084411	Thermal conductivity of infrared laser window materials	1974
19760084414	SEM characterization of G6B4 gyro surfaces	1974
19760084422	Production assessment test report on resistor, fixed, metal film, precision, molded, .05-.10watt	1974
19760084425	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial	1974
19760084426	Production assessment test report 2760407-1 on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1974
19760084431	Production assessment test report on resistor, fixed, metal film, precision, molded, .05-.10 watt	1974
19760084438	Production Engineering Measure (PEM). Power supplies for 18 and 25 mm second generation image intensifier tubes	1974
19760084502	DMATC technical publications catalog	1974
19760084504	The 18 mm gen 2 tubes	1974
19760084506	Coaxial cable: APN-202 on waveguide and microwave coaxial	1974
19760084508	Production assessment test report on resistor, fixed, metal film, precision, molded, .05-.10 watt	1974
19760084509	Reverification test: Relay, armature	1974
19760084511	Vibration and shock testing of relay samples	1974
19760084520	Improved HAWK environment model	1974
19760084528	A preliminary investigation of the performance of men's safety-toe footwear	1974
19760084530	Combat-induced failure modes and effects analysis methodology	1974
19760084546	Lead tin telluride and lead tin selenide thin film detectors	1974
19760084558	Sensor and simulation notes	1974
19760084694	Program management basic research at UARL section 1, 2, and 3, volume 1	1974
19760084698	Digital three-degree-of-freedom vertical plane simulation of a transonic cruise missile	1974
19760084702	Milestone and financial charts to accompany research and technology	1974
19760084728	Thermal analysis of candidate general purpose cold-cast explosives PBXC-116 and PBXC-117	1974
19760084729	Warship discrimination with electro-optical sensors	1974
19760084736	Development of cable cutter, XM33 for heavy lift helicopter hoist	1974
19760084782	A study of a liquid metal thermal energy source	1974
19760084828	User guide for DSA-administered information analysis center	1974
19760084835	Computer program AIR/PROP	1974
19760084837	Ball joint wear, vertical support group (C4-backfit) test report	1974
19760084849	Production engineering measures solid state microwave oscillators for fuzes	1974
19760084852	Results of the camsi brushless generator test program	1974
19760084871	Simulated air launch environment. Volume 2: Aeroheat data summary	1974
19760084912	Architecture for tactical switched communication system. Annex F9: Personnel and training	1974
19760084914	Preliminary test evaluation of an internally air cooled turbo-compound diesel engine	1974
19760084948	RCASV design refinement study (U)	1974
19760085122	Concept refinement and engine coordination	1974
19760085134	Photoelectric spectrophotometry of OQ 172 and OH 471	1974
19760085135	Discrete and continuous processes in computers and brains	1974
19760085137	Development of anion-selective membranes	1974
19760085156	Low temperature grout pour in a narrow annular space	1974
19760085157	Evaluation of materials for potting glass closures to hold down rings	1974
19760085159	Supplemental information on the mechanical properties of rigid (brittle) phenolic foam	1974
19760085160	GACO N-29 bond tests	1974
19760085166	Study of Infrared image processing	1974
19760085209	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1974
19760085210	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1974
19760085211	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1974
19760085228	Meehanite machinability	1974
19760085230	Natural and artificial aging comparison of various dielectric materials to be used at the Trestle Site	1974
19760085281	Production assessment test report relay, latching, 1 to less than 5 amp, hermetically sealed, DPDT	1974
19760085299	High performance reusable thrust chamber technology	1974
19760085303	Deformable mirror study program	1974
19760085312	Design of controlled oxidation heater for 40 HP Brayton cycle engine	1974
19760085313	Development and evaluation of an automated eddy current fastener hole scanner	1974
19760085319	Advanced Pegasus engine	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085323	Mathematics of guided wave propagation in open structures	1974
19760085324	Instrumentation guidelines for EMP testing	1974
19760085326	Specimen analysis of Skylab, M553 experiment, flight specimens	1974
19760085344	Qualification test report receiver-decoder, destruct. 7 volumes on telemetry, receiver/decoders, missile	1974
19760085347	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor Hi-Rel	1974
19760085390	NAS Miramar/VIEWS: Simulation model and application	1974
19760085391	The marine MMF (Mobile Maintenance Facility)/VIEWS simulation model	1974
19760085395	Interface compensation in digitally implemented acoustic holography systems	1974
19760085397	The development of a screening smoke composition. Part 1: Background	1974
19760085412	Physiological trial of cold weather clothing and equipment. Exercise Honky Tonk 1, Norway 1974	1974
19760085443	Airborne Warning and Control System (AWACS). Phase 2: IOT and E. Annex D.	1974
19760085505	Studies of the impact of advanced technologies applied to supersonic transport aircraft	1974
19760085506	A long-term model of circulation	1974
19760085509	Studies of the impact of advanced technologies applied to supersonic transport aircraft	1974
19760085510	Studies of the impact of advanced technologies applied to supersonic transport aircraft. Task 3: Concept refinement and engine coordination	1974
19760085579	Laboratory and service experience with cracking of 250 KSI maraging steel in sea water	1974
19760085591	A study of fast forward air controller and tactical air coordinator (airborne) operations, 1969 to 1973	1974
19760085596	An automated system for the optimization of wing pivot systems. Volume 2. User's manual. Appendix D: Two-lug structure with fatigue considerations	1974
19760085649	Department of Defense in-house RDT and E activities	1974
19760085673	Catalog of Navy systems commands systems analysis/operations research models, 3rd edition	1974
19760085750	Lamps Mk 3 (light airborne multi-purpose system). Reliability and maintainability master plan (U)	1974
19760085792	C/V21 annex K, F-14A intercept-Phoenix evaluation (U)	1974
19760085826	The turbulent stratified wake of a self-propelled body: An analytical model (U)	1974
19760085940	Manufacturing methods for plasma arc welding	1974
19760085942	Manufacturing methods for engine blade repair	1974
19760085945	High strength turbine blade dovetails	1974
19760085946	High strength turbine blade dovetails	1974
19760085950	Manufacturing methods for plasma arc welding	1974
19760085951	Manufacturing methods for plasma arc welding	1974
19760085952	Manufacturing methods for plasma arc welding	1974
19760085961	Total powerplant simulation	1974
19760085963	The effects on catalytic hydrazine thrusters of propane used for propellant tank pressurisation	1974
19760085972	Modification tracking model, phase 2	1974
19760085973	Modification tracking model, phase 1	1974
19760085980	LAMPS MK III (Light Airborne Multi-Purpose System). H-2 short range system, reliability and maintainability initial development	1974
19760085981	Lamps MK III (Light Airborne Multi-Purpose System). Reliability and maintainability master plan. Supplement A: System prime contractor R and M task list and PDA interface	1974
19760086021	An aerodynamic evaluation of weapon carriage on the F-4 aircraft, conventional wing pylon versus conformal fuselage carriage	1974
19760086060	Evaluation of modeling techniques to obtain airblast loads on ships	1974
19760086067	Historical data summary for IROS reliability analysis	1974
19760086073	Microcircuit, linear, microelectronic circuits, amplifier, monolithic circuits, glass, flatpack	1974
19760086119	Survivable combat aircraft structures design guidelines and criteria	1974
19760086120	Survivable combat aircraft structures design guidelines and criteria. Design handbook	1974
19760086135	Torpedo target lithium-seawater power system technology investigations	1974
19760086189	Estimating avionics equipment costs for military aircraft	1974
19760086191	Reliability, maintainability, and availability (RMA), LAMPS MK-3 H-21SR	1974
19760086221	Assessment of the properties of a Hypercal treated Q1N plate	1974
19760086229	Report of compatibility study between TNT/aluminum and polyester resin	1974
19760086232	Paint reliability program for SSBN 627/640 class submarines. Part 3: Extended life analysis of protective coatings for the SSN 651 (USS Queenfish)	1974
19760086233	Paint reliability program for SSBN 616/627/640 class submarines. Part 4: Extended life analysis of protective coatings for the USS John Adams, SSBN 620	1974
19760086234	Paint reliability program for SSBN 616/627/640 class submarines. Part 5: Extended life analysis of protective coatings for the USS Von Steuben, SSBN 632	1974
19760086235	Paint reliability program for SSBN 616/627/640 class submarines. Part 6: Extended life analysis of protective coatings for the USS James Madison, SSBN 627	1974
19760086461	Investigations in SES aero-hydrodynamic problem areas. Part 3: Experimental studies of free surface effect on hydrodynamic forces and pressures of SES sidewalls	1974
19760086462	Data analysis for SES planar motion mechanism at NSRDC	1974
19760086463	Investigations in SES aero/hydrodynamic problem areas. Part 4: An experimental study of SES craft vertical plane hydrodynamic forces and moments	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086464	Investigations in SES aero-hydrodynamic problem areas. Part 1: Analytical studies of SES craft surface waves for yawed conditions	1974
19760086482	Day television tracking system	1974
19760086524	Investigation of towed-array self-noise mechanisms by analytical models and laboratory experiments	1974
19760086536	Evaluation of JM 38510/00103 BDB on microelectronic circuits, gate diffused elements, glass, flat pack	1974
19760086537	Evaluation of JM 38510/02003 BCB on microelectronic circuits, gate, diffused elements, glass, dual-in line	1974
19760086538	Integrated circuit, digital, TTL, 12 input parity checker/generator, monolithic silicon	1974
19760086588	Microcircuit, digital on microelectronic circuits, counters, Metal oxide, glass, flat pack	1974
19760086593	Integrated circuit, eight bit multiplying digital-to-analog converter, monolithic silicon	1974
19760086596	Hex, 1-input inverter gate evaluation on microelectronic circuits, gate, diffused elements, glass, dual-in line	1974
19760086627	Report on test results for eutectic metal holddown concept	1974
19760086664	AFCS frequency manager's field handbook	1974
19760086701	Resistors, wirewound, power, chassis mounted, 5 to 35 watts recommended applications	1974
19760086702	Power wirewound resistors, 1 to 10 watts recommended applications	1974
19760086703	Advanced phased array design concepts	1974
19760086772	Environmental effects on reliability and maintainability of Air Force avionics equipment	1974
19760086783	Effects of machined surface roughness on the fatigue life of D6AC steel	1974
19760086807	Evaluation of trajectory shaping for air-to-air missiles. Volume 1. AFATL analysis (U)	1974
19760086808	Evaluation of trajectory shaping for air-to-air missiles. Volume 2. DRC analysis (U)	1974
19760086839	Marine Aviation Requirements (1975-1984) Study (MARS) (U)	1974
19760086840	Marine Aviation Requirements (1975-1984) Study (MARS) (U)	1974
19760086841	Marine Aviation Requirements (1975-1984) Study (MARS) (U)	1974
19760086869	Erosion of silicon carbide surfaces under helium ion and 14-MeV neutro irradiations	1974
19760086872	Numerical computation of analytical solutions for equilibria of toroidal and cylindrical relativistic electron beams partially neutralized by a cold background or imbedded in a thermal plasma	1974
19760086875	Tearing modes for Tokamaks with non-circular cross sections	1974
19760086924	Test facilities handbook, volume 1	1974
19760086987	Deep sea surface mining launch/recovery system: Failure modes and effects analysis	1974
19760086995	Bolt-shear, 12 point external wrenching, 108 KSI min shear, INCO 718	1974
19760086996	Development of an 8KW seawater activated reserve battery for deep submergence applications	1974
19760087000	Schematic diagram, 12 input parity checker/generator, monolithic silicon (9348)	1974
19760087004	Peel strength of adhesive-bonded polyester velcro 2000 fastener	1974
19760087018	Expansive and stressing cements and self-stressed reinforced-concrete elements of construction	1974
19760087093	Polymer - Polymer bonding	1974
19760087108	Data requirements for propellant/liner/insulation systems	1974
19760087145	Coating, conformal passivation, silicone, general specification for	1974
19760087190	Production assessment test report. Connectors, electrical, mated pair, low voltage and low signal, removable, non solder type, miniature round, quick disconnect	1974
19760087220	Analysis of failures in spacecraft system test	1974
19760087226	Qualification tests on tantalum electrolytic polarized capacitors	1974
19760087233	Investigation of contaminated capacitors removed from MTU failed modules	1974
19760087236	Generic part failure rates for spacecraft applications	1974
19760087250	Non-coherent MTI techniques	1974
19760087258	Requalification test procedure part number 2760433-1 on semiconductors (diode, voltage reference, silicon, diffused, metal)	1974
19760087267	Neutron special measurements in spallation neutron sources: Characterization of the BLIP neutron facility	1974
19760087268	Influence of the state of ionization of a seeded hydrogen thermonuclear plasma on the quantitative x-ray filter method thermometry	1974
19760087276	Transport calculations for D - T burning Tokamak reactors	1974
19760087279	Temperature-density stability in Tokamak reactors operating on the D-T cycle	1974
19760087280	Summary of the physical and material constraints of the performance of toroidal magnets for controlled thermonuclear reactors	1974
19760087282	Self-consistent plasma and engineering parameters for self-sustaining (ignited) Tokamak power reactors	1974
19770007883	Spectrum of doubly ionized yttrium (Y3)	1974
19770016180	A method for predicting the stability characteristics of an elastic airplane. Volume 1: FLEXSTAB theoretical description	1974
19770016181	A method for predicting the stability characteristics of an elastic airplane. Volume 2: FLEXSTAB 1.02.00 user's manual	1974
19770016182	A method for predicting the stability characteristics of an elastic airplane. Volume 3: FLEXSTAB 1.02.00 program description	1974
19770068897	HAL/S-360 compiler verification test designs for HAL/S-360 release 6	1974
19770068898	A study of ground data handling systems for Earth resources satellites. Volume 6: Executive summary	1974
19770069193	Skylab hardware evaluation CSM rescue	1974
19770069194	Space shuttle mass properties status report	1974
19770069353	Mechanical response of elastomers not too far from equilibrium	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770069354	A system for the direct digitization of electron images from a TEM	1974
19770069588	Supporting studies in cloud image processing for planetary flybys of the 1970's	1974
19770069603	Final SL-4R plus 10 day mission evaluation report (medical experiments)	1974
19770069621	Chemical stress-relaxation and other studies on styrene-butadiene rubber	1974
19770069622	ICR studies of some hydrogen atom abstraction reactions: X(+) + H ₂ yields XH(-) + H	1974
19770069624	Preliminary report of microstructures of probable biologic origin from the Mescal Formation (Proterozoic) of central Arizona	1974
19770069707	Feasibility study of field ionization source for a gas chromatograph detector	1974
19770069738	Design study for an airborne infrared spectrometer using tuneable laser diodes	1974
19770069778	The improved stability of an organic crystal in the Hitachi HV-1 high vacuum electron microscope	1974
19770069779	Thickness of an accelerating superfluid film	1974
19770069786	Thermal transient test apparatus	1974
19770070010	Fuel gasification: Prediction of sulfur species distribution by free energy minimization	1974
19770070046	The composition of liquids formed by partial melting of eclogites at high temperatures and pressures	1974
19770070058	Study of solid encapsulated microcircuits for long life applications	1974
19770070788	The shearing flows of the BKZ fluid	1974
19770070789	Reactions of excited and ground state H ₃ (+) ions with simple hydrides and hydrocarbons: Collisional deactivation of vibrationally excited H ₃ (+) ions	1974
19770070848	Biological atomic resolution via synthetic aperture	1974
19770070871	Thermal scale modeling summary report	1974
19770071088	Fine pointing control system for large space telescope. Volume 1: Summary	1974
19770071089	Fine pointing control system for large space telescope. Volume 2: Body point analysis	1974
19770071090	Fine pointing control system for large space telescope. Volume 3: Image motion compensation analysis	1974
19770071091	Fine pointing control system for large space telescope. Volume 4: Vibration propagation analysis	1974
19770071211	Lunar mineralogy: A heavenly detective story. Presidential address, part 2	1974
19770071515	ATS-6 interferometer flight calibration results using two ground stations	1974
19770071904	Microbial load monitor	1974
19770071966	Catalogue of data. Part A: Sounding rockets. Part B: Artificial earth satellites and space probes, 1 January 1972 - 31 December 1973	1974
19770072789	A study of ground data handling systems for earth resources satellites, volumes 1-5	1974
19770074847	Relaxed controls and the convergence of optimal control algorithms	1974
19770074857	Tests of the Kolmogorov-Smirnov type for exponential data with unknown scale, and related problems	1974
19770075069	NASA/ESRO joint programme plan for spacelab	1974
19770075237	Continuation of the study of reflecting diffraction gratings by the application of holographic techniques	1974
19770075238	Continuation of the study of reflecting diffraction gratings by the application of holographic techniques. Volume 1: Study of the reflectivity of mirrors	1974
19770075239	Continuation of the study of reflecting diffraction gratings by the application of holographic techniques. Volume 2: Study of the efficiency for triangular profile grating	1974
19770075240	Continuation of the study of reflecting diffraction gratings by the application of holographic techniques. Volume 3: Study of the efficiency for quasi sinusoidal profile grating	1974
19770075241	Continuation of the study of reflecting diffraction gratings by the application of holographic technique	1974
19770075242	Continuation of the study of reflecting diffraction gratings by the application of holographic techniques	1974
19770075327	Dynamic conversion of solar-generated heat to electricity. Volume 2: Executive summary	1974
19770075654	Solar X-ray activity during the lunar observations of the Apollo 15 and Apollo 16 X-ray fluorescence spectrometer	1974
19770075691	NRL/ATM mission engineering data for S082A spectroheliograph exposures 1A-201 through 1A-401	1974
19770075692	NRL/ATM mission engineering data for S082A spectroheliography exposures 2A-001 through 2A-201	1974
19770075704	NRL/ATM mission engineering data for S082B spectrograph exposures 3B-001-1 through 3B-201-8, volume 1	1974
19770075705	NRL/ATM mission engineering data for S082B spectrograph. Volume 2: Engineering data, MSFC	1974
19770075706	NRL/ATM mission engineering data for S082B spectrograph. Volume 3: Temperature data, MSFC	1974
19770076353	Mariner 10 post launch report no. 5, Mercury 2 encounter (status as of 26 September 1974)	1974
19770076355	Mariner 10 post launch report no. 3 (status as of 17 March 1974)	1974
19770076360	Mariner 10 post launch report no. 4 - Mercury encounter (state as of 15 April 1974)	1974
19770076362	Mariner 10 post launch report no. 2 (status as of 22 February 1974)	1974
19770076374	Space shuttle thermal protection system condition assessment by thermal radiation analysis techniques	1974
19770076375	Shuttle user analysis (study 2.2). Volume 2: User charge analysis. Part 2: The analysis	1974
19770076376	Shuttle user analysis (study 2.2). Volume 3: Business Risk And Value of Operations in space (BRAVO). Part 3: Workbook	1974
19770076634	Remote sensing of earth-air interface temperature regimes during freeze conditions	1974
19770076636	SL-4 photographic image adequacy for site location of S191 data acquisition camera (S and AD/LEC)	1974
19770076846	Identification of human driver models in car following	1974
19770076897	Studies of methods for reducing community noise around airports	1974
19770076949	Biological atomic resolution via synthetic aperture	1974
19770078956	Can land use management reduce energy consumption for transportation?	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770078986	Ecological effects and environmental fate of solid rocket exhaust	1974
19770079292	Guiding urban growth: Policy issues and demographic constraints	1974
19770079322	The 2-4 micron structure of NGC 7027	1974
19770079872	Test data for solid propellant plume aerodynamics test program in MSFC 14 x 14 inch trisonic wind tunnel (TWT-586, MA11F). Volume 1: Explanatory text and sample data	1974
19770079913	Disposal of hypergolic propellants	1974
19770079919	Hypergolic propellants: Liquid and vapor disposal, phase 2	1974
19770079920	Hypergolic propellants: Liquid and vapor disposal, phase 3	1974
19770080003	Development and fabrication of integrated spacecraft parametric amplifier	1974
19770080242	Optimal features selection algorithm for a binary partitioned classification scheme-analysis	1974
19770080425	Fracture systems of Mars	1974
19770080561	Health/education telecommunications experiment summary description	1974
19770080696	Thematic mapper critical elements breadboard program	1974
19770080713	Energy Systems Optimization Program (ESOP), users guide, update 4, volume 2	1974
19770081410	Energy Systems Optimization Program (ESPO) users guide, update 4, volume 1	1974
19770081984	Intumescent coating modeling	1974
19770082123	Advanced fuel cell development program	1974
19770082956	Research in the space sciences, volume 1, no. 2	1974
19770082960	Lunar soil maturation. Part 2: Synthesis of carbon compounds in regolith	1974
19770082962	Organic analyses of black sea cores	1974
19770082963	Simulation of lunar carbon chemistry in plagioclase	1974
19770082964	Thermal release and the distribution of carbon and nitrogen among minerals and aggregate particles separated from lunar soil	1974
19770082965	Volatile element chemistry of selected lunar, meteoritic, and terrestrial samples	1974
19770082966	Can systems analysis solve social problems	1974
19770082970	An electro-optic study of T4, T5, and T7 phages	1974
19770082971	Characteristics of fission tracks in zircon: Applications to geochronology and cosmology	1974
19770082972	Containment area facility concepts for dredged material separation, drying, and rehandling	1974
19770085242	Quiet short haul research aircraft design study	1974
19770085372	Recent developments in the field of thermionic power conversion and its possible effects on power supply systems in space and on earth	1974
19770085373	Production assessment test report on motors and motor generators, miniature, permanent magnet, 1-30 volts DC	1974
19770085374	Production assessment test report on motor and motor generators, miniature, permanent magnet, 1-30 volts, DC	1974
19770085387	Index: TRW software series	1974
19770085413	Study of EMP testing of satellites	1974
19770085423	Evaluation of 1N5313 diode	1974
19770085461	Coupler, RF altered item drawing on waveguide and microwave, coupler, coaxial, below 0.7 GHz	1974
19770085465	The theoretical instrumental profile of the combination telescope-pinhole photometer and its effect upon observations of umbra intensities	1974
19770085495	Transistor, power 'TX' type. PNP, 60 W, high current, high voltage, TO-3 case	1974
19770085496	IC, dual differential line driver. 4.5-5.5 watts, 730MW, 16 PIN, ceramic dip	1974
19770085513	Differential or sequential game optimization methods	1974
19770085515	Acoustic emission for in-flight monitoring on aircraft structures	1974
19770085518	Electrostatic (static) sensitive parts, listing, identification, marking, handling and packing	1974
19770085539	A conduction standardization project: Measurement of heat content of pyrotechnic compositions by conductive microcalorimetry	1974
19770085540	Study of a pyrotechnic composition which gave rise to an incident accidental ignition	1974
19770085541	A conduction measurement of heat content pyrotechnic compositions by conductive microcalorimetry	1974
19770085688	Microcircuit, linear, microelectronic circuits, logic, monolithic circuits, plastic, dual-in-line	1974
19770085697	B-52 CCV system design and aircraft modification, volume 3	1974
19770085698	B-52 CCV component and aircraft ground tests, volume 4	1974
19770085699	B-52 CCV control system flight test validation, volume 5	1974
19770085709	Production acceptance test report on resistors, fixed, wirewound, precision, molded, .05 - .10 watt	1974
19770085740	Production assessment test report on semiconductors, transistors, power, silicon, n-p-n, planar, metal can	1974
19770085741	Transistor (M19500/407A), semiconductor, transistor, power, silicon n-p-n, MESA, metal can	1974
19770085749	Semiconductor device, diode, Schottky barrier power rectifier	1974
19770085760	Evaluation tests on film resistors	1974
19770085788	Evaluation of 723 voltage regulator	1974
19770085819	Qualification of a silicon hot carrier Schottky diode	1974
19770085820	Transistor, PNP, power, high voltage, silicon, 1 watt	1974
19770085821	Handbook nonmetallic materials	1974
19770085837	Influence of radurization on certain biochemical processes in refrigerated meat	1974
19770085901	Microcreep in beryllium	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085902	Nondestructive testing of diffusion bonded titanium alloys for engine and airframe components	1974
19770085920	Application of elastohydrodynamic theory in design of rolling element bearings	1974
19770085927	Bolts, corrosion resistant alloy, MP35N	1974
19770085939	Results of qualification test conducted on 180,000 PSI tensile inconel-718 bolts for Space Division, Rockwell International	1974
19770085940	Qualification tests MC111-0019, Inconel 718, KSI tensile	1974
19770085946	Microcircuit, digital, microelectronic circuits, multivibrator, monolithic circuits, glass, flat pack	1974
19770085951	Microcircuit, digital, microelectronic circuits, multivibrator, monolithic circuits, glass, flat pack	1974
19770086043	Preliminary outlook for mechanization and systems development	1974
19770086052	Development of Automatic Terrain Following/Automatic Terrain Avoidance (ATF/ATA) decoupling techniques. Volume 2: ATF/ATA performance evaluation and classified appendixes (U)	1974
19770086250	Antenna user's manual for linear cylindrical antennas in an EMP environment, Volume 1	1974
19770086251	Antenna users's manual for linear cylindrical antennas in an EMP environment, Volume 2	1974
19770086255	Bolt-tension, 12 point external wrenching, 240 KSI min tensile, 750 F	1974
19770086256	Bolt-shear, 12 point external wrenching, 132 KSI min shear, 750 F	1974
19770086291	Product specification, microcircuits, high reliability, visual criteria	1974
19770086298	Evaluation of conductive adhesives for electrical resistances to different beryllium surface conditions	1974
19770086305	Missile systems division Government Industry Data Exchange Program (GIDEP) requirements handbook	1974
19770086330	Production assessment test report on resistors, fixed, metal film, precision, molded, .05-.10 watt	1974
19770086335	Qualification report on C and K Components, Inc., pushbottom switch type 8121ZE per DoD drawing ON199195	1974
19770086345	Evaluation of solid tantalum chips	1974
19770086346	Evaluation of Intersil, Incorporated 2048-Bit PROMS (Programmable Read-Only Memories)	1974
19770086357	Integrated circuit, digital, TTL, hex inverter-(54H04)	1974
19770086359	Semiconductor device, optoelectronic display: Numeric, seven segment	1974
19770086434	Development of Automatic Terrain Following/Automatic Terrain Avoidance (ATF/ATA) decoupling techniques. Volume 1: ATF/ATA coupler development	1974
19770086441	Evaluation test plan for aluminum electrolytic capacitors to MIL-C-39018	1974
19770086474	Microcircuit, digital. Microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, flat, ceramic	1974
19770086485	Analytical evaluation of low-cycle fatigue behavior of HY-130 baseplate and welds	1974
19770086655	Far ultraviolet excitation processes in comets	1974
19770086781	Microcircuit, digital microelectronic circuits, gate, monolithic circuits, glass, flat pack	1974
19770086782	Microcircuit, digital, microelectronic circuits, gate, monolithic circuits, glass, flat pack	1974
19770086784	Detail specification for, inspection, visual, of semiconductor diodes	1974
19770086806	Integrated circuits, digital TTL, general specification, for microelectronic circuits, digital, monolithic TTL, dip, metal-ceramic	1974
19770086850	Evaluation of Hewlett Packard light emitting displays	1974
19770086868	Antigravitation, through deflection of gravity waves	1974
19770086974	Microcircuit, digital, microelectronic circuits, gate, monolithic circuits, glass, flat pack	1974
19770086975	Production assessment of relay 2621800 P5 on relays, 1/2 to less than 1 AMP, hermetically sealed, DPDT	1974
19770086979	NSC, DM54L73F, TTL dual J-K master-slave flip flop	1974
19770086980	NSC,DM54L91F, TTL 8-bit shift register	1974
19770087037	FLAMR DBS data: A discussion of its origin and formats	1974
19770087243	Qualification of Leach Corporation relay per G. E. drawing 7534201P2	1974
19770087257	A theoretical investigation of several high explosive-metal systems	1974
19770087312	EMI qualification test report, S/N 22 on switches, electrical, limit, proximity, NOC, SPST	1974
19770087350	Hydraulic fluid compatibility evaluation of sealants used in leveling system charging pump assembly (SPALT 2332)	1974
19770087360	Production assessment test of BUORD	1974
19770087369	Generalized concepts in fluid mechanics	1974
19770087391	UV irradiation of cover materials for violet-sensitive solar cells	1974
19770087527	Product specification, capacitor, brick, ceramic, hi-reliability	1974
19770087646	Advanced technology ground attack fighter	1974
19770087695	Qualification test report on microelectronic circuits, digital, monolithic, counter, transistor-transistor logic, flat, metal	1974
19770087696	NSC, DM54L95F, TTL 4-Bit right-shift, left-shift register	1974
19770087697	NSC, DM5400W, TTL quadruple 2-input positive NAND gate	1974
19770087698	NSC, DM5474W, TTL dual D type edge triggered flip flop	1974
19770087699	NSC, DM5495W, TTL 4-bit right-shift, left-shift register	1974
19770087700	NSC, DM5406W, hex inverter buffer/driver	1974
19770087701	NSC, DM76L70F, TTL 8-bit parallel out, serial shift register	1974
19770087702	Qualification test report on microelectronic circuits, digital, monolithic, counter, transistor-transistor logic, flat, metal	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087703	Qualification test report on microelectronic circuits, digital, monolithic, counter, transistor-transistor logic, flat	1974
19770087704	LM108H operational amplifier, linear integrated circuit	1974
19770087706	NSC, DM54L00F, TTL quadruple 2-input positive NAND gate	1974
19770087707	NSC, DM5400W, TTL quadruple 2-input positive NAND gate	1974
19770087712	Qualification test report on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, flat	1974
19770087716	Qualification test report on semiconductors, transistors, power, silicon, PNP, planar, metal can	1974
19770087717	Qualification test report on semiconductors, transistors, power, silicon, NPN, planar, metal can	1974
19770087736	Production engineering measures solid state microwave oscillators for fuzes	1974
19770087737	Qualification tests on vitramon capacitors	1974
19770087738	Qualification tests on San Fernando capacitors	1974
19770087745	Qualification test report on semiconductors, diode, current regulators, silicon diffused, glass	1974
19770087746	Qualification test report on transducers, power, electrical, voltage	1974
19770087747	Qualification test report on semiconductors, diode, voltage reference, silicon, diffused, glass	1974
19770087748	Qualification test report on semiconductors, diode, voltage reference silicon, diffused, glass	1974
19770087749	Qualification test report on semiconductors, transistors, power, silicon, NPN planar, metal can	1974
19770087750	Qualification test report on semiconductors, transistors, power, silicon, NPN, planar, metal can	1974
19770087761	Acoustic/vibration survey-TRW/Capistrano site	1974
19770087773	Inertial systems logistics support improvement study. Volume 1: Summary	1974
19770087774	Inertial systems logistics support improvement study. Volume 2: Details	1974
19770087775	Minuteman 3 propulsion system rocket engine ten-year surveillance program	1974
19770087776	Minuteman 3 propulsion system rocket engine ten-year surveillance program	1974
19770087962	Proceedings of the Third TEAL WING Conference, volume 1 (U)	1974
19770087963	Proceedings of the Third TEAL WING conference, volume 2 (U)	1974
19770087969	Laser-powered rocket propulsion study (U)	1974
19770088138	Resistors, composition, carbon, 1/8 to 2 watts recommended applications	1974
19770088150	The C4 hoist oil flow switch reliability test - TD 2337	1974
19770088162	Qualification test report - Intermediate level TWTA WJ-3108	1974
19770088250	On retro-fitting an F-4B aircraft with close-coupled canards	1974
19770088450	Air Force Chromium Workshop	1974
19770088538	Test report number 31545 (1617931-001)	1974
19770088553	Qualification test for magnetic latch relay	1974
19770088560	Dynamic color scanner system	1974
19770088562	Qualification test report on semiconductors, diode, microwave, silicon, diffused, glass	1974
19770088564	Motorola transistor qualification report (95B-032-0001)	1974
19770088568	The recovered charge characteristics of high power thyristors	1974
19770088570	Qualification test report on semiconductors, diode microwave silicon	1974
19770088572	Qualification test report on semiconductors, diode, voltage reference, silicon, diffused, glass	1974
19770088573	Qualification test report on semiconductors, diode, Schottky barrier, silicon, diffused, glass	1974
19770088578	Production engineering measure for high power traveling-wave tubes	1974
19770088645	Torpedo target lithium seawater power system technology investigations	1974
19770088711	The Ultrasonic Helmet Mounted Sight and the Improved Cobra Sight System. Volume 1: Technical description	1974
19770088712	The Ultrasonic Helmet Mounted Sight and the Improved Cobra Sight System. Volume 2: Software documentation	1974
19770088714	Monolithic signal processor and detector array integration technology (MOSART) (U)	1974
19770088868	Assessment of coated columbium sheet metal components for advanced aircraft gas turbine applications. Volume 2, Task 2: Analytical and experimental investigations	1974
19770089009	Flight test evaluation of F-4E digital signal transfer unit and multisensor display system	1974
19770089083	Considerations in the termination and passivation of high voltage power semiconductor device junction	1974
19770089084	On L/F-noise in diodes and transistors	1974
19770089091	Filter qualification report (121-115-0004)	1974
19770089092	Filter, radio frequency interference	1974
19770089104	Recent developments in the measurement of thyristor turn-off time	1974
19770089106	Qualification test report on waveguide and microwave, divider, coaxial, 2.0 to 4.0 GHz	1974
19770089109	Qualification testing of Oven Industries, diode oven (126-003-0001)	1974
19770089119	Evaluation of solid tantalum ship capacitor or capacitors, fixed, electrolytic, tantalum, solid, non metallic case, chassis mount MIL-general	1974
19770089128	First article inspection, temperature rise test (2366451) on capacitors, fixed, film, hermetically sealed, chassis mount, MIL-general. Supplement	1974
19770089225	Standard electronic module program - quality assurance activity	1974
19770089256	International Seismic Month event list	1974
19770089257	Long period results from the International Seismic Month	1974
19770089284	Structured software study	1974
19770089309	Non-linear scan techniques	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089341	Operation of stabilization ponds in a tropical area	1974
19770089345	The Atmosphere of Uranus	1974
19770089346	Exploration of Mars after 1976. A report to NASA	1974
19770089372	Adhesively bonded multi-layer F-104 aft fuselage ring fitting	1974
19770089567	Feasibility demonstration program for the application of boron/aluminum to Space Shuttle	1974
19770089903	Initial analysis of concentrator	1974
19770090230	Connector assembly EMI filter	1974
19770090231	Qualification test report (ST5M1321) on switches, limit, proximity, NOC, SPST (NO)	1974
19770090232	Qualification test report (ST5M1256-001) on switches, electrical, limit, proximity, NOC, SPST (NO)	1974
19770090264	Design studies and analyses for the nimbus G Lower Atmospheric Composition And Temperature (LAGATE) experiment hardware	1974
19770090276	Nuclear vulnerability of the SY-116B photochromic goggle system	1974
19770090680	Parts evaluation report diode (539446-1), semiconductors, diode, rectifier, silicon grown plastic	1974
19770090681	Parts evaluation report diode (539446-2), semiconductors, diode, rectifier, silicon grown plastic	1974
19770090682	Parts evaluation report (494975-2) on semiconductors, special types of, bridge, silicon grown junction	1974
19770090683	Parts evaluation report, diodes (533167-6) on semiconductors, diode, rectifier, silicon grown plastic	1974
19770090684	Parts evaluation report, diodes (531464-4) on semiconductors, diode, rectifier, silicon grown plastic	1974
19770090685	Parts evaluation report, diode (507749-6) on semiconductors, diode, rectifier, silicon grown plastic	1974
19770090686	Parts evaluation report, capacitor (418356-2605) on capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount	1974
19770090701	A five-parameter model for current, surface mobility, and cross-modulation in field effect with high drain voltage	1974
19770090708	Production assessment of 2606509 heater	1974
19770090709	Transformer 3 phase - 115V-400CPS	1974
19770090711	Semiconductor device Zener diode	1974
19770090713	Capacitor, fixed, electrolytic, tantalum, solid, insulated, established reliability	1974
19770090715	Capacitor fixed ceramic disc	1974
19770090782	Reliability of products that have a number of causes of failure. Model and data analyses	1974
19770090783	The availability reliability and maintainability of redundant systems	1974
19770090820	The characteristics of mucopolysaccharides of the renal tissue during acclimatization to hypoxia	1974
19770090836	AADC prototype ferroacoustic memory stack	1974
19770090837	Computer plots for more informative regression analyses. Part 2: Derivations and an example. Correctly specified model	1974
19770090846	An accuracy bound and an improved gain matrix for Kalman Filters	1974
19770090847	A square root formulation of the matrix riccati differential equation	1974
19770090848	Statistical analysis of systems with linear recursive estimators	1974
19770090856	Metal Oxide Semiconductor Time Compressor (MOSTIC) (U)	1974
19770090891	Vertical-gradient-freeze growth of GaP	1974
19770090973	Replacement philosophy for rubber products	1974
19770090997	Loss of dimensions of magnesium alloyEZ33 A castings during conversion coating	1974
19770091060	Polycarbonate capacitors, verification of stock (type RCA 171) on capacitors, fixed, film, metallized, molded, lead mount, contractor hi-rel	1974
19770091167	Demonstration data report for the F-14 aircraft (U)	1974
19770091169	Demonstration data report for the F-14 aircraft (U)	1974
19770091170	Demonstration data report for the F-14 aircraft, volume 2 (U)	1974
19770091171	Demonstration data report for the F-14 aircraft (U)	1974
19770091172	Demonstration data report for the F-14 aircraft, volume 1 (U)	1974
19770091179	Demonstration data report for the F-14 aircraft (U)	1974
19770091180	Demonstration data report for the F-14 aircraft (U)	1974
19770091181	Demonstration data report for the F-14 aircraft (U)	1974
19770091182	Demonstration data report for the F-14 aircraft (U)	1974
19770091188	Demonstration data report for the F-14 aircraft (U)	1974
19770091235	Assessment of coated columbium sheet metal components for advanced aircraft gas turbine applications. Volume 1, task 1: Performance and design analysis (U)	1974
19770091547	Qualification test report. Filters, electrical, low pass, radio frequency, NOC fixed	1974
19770091554	Full wave three-phase SCR power amplifier simulation	1974
19770091775	Methodology study of improving aircraft armament test and evaluation methodology 11	1974
19770091797	F-14 VTAS. Volume 4: EMI test report and test procedure	1974
19770091842	Report of flightworthiness test on the AN/AVG-8A(XD-1) Target Acquisition Set (TAS), volume 2	1974
19770092080	Electromagnetic Pulse/Vertically Polarized dipole EMP/VPD pipe experiment	1974
19770092272	VAST test interface report EG1028AA visual target acquisition set	1974
19770092379	F-14 VTAS. Volume 3: Environmental testing (U)	1974
19770092396	F-14 VTAS flight software, volume 2	1974
19770092701	Semiconductor device, tandem diode, general purpose rectifier	1974
19770092787	Statistical test procedure for evaluating penetration by shell fragments	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092876	Report of flightworthiness test on the AN/AVG-8A(XJ-1) target acquisition (TAS), volume 1 (U)	1974
19770093096	Performance Demonstration Testing of an Antares IIB (X259 B4) Solid-Propellant Rocket Motor at Pressure Simulated Altitude	1974
19770093368	Development and utilization of technology: Contributions from NASA life support systems	1974
19770093398	Beta shields for exospheric optical sensors	1974
19770093735	Development test equipment DTE. Documentation for the visual target acquisition set AN/AVG-8A. VTAS	1974
19770093911	Channel characteristics measurements of upper-MF and lower-HF surface wave propagation over sea water	1974
19770093943	General test plan, pulsed voltage failure levels of capacitors	1974
19770094443	Qualification approval test of carbon composition resistors	1974
19770094444	Burn-in test of Motorola zener diodes	1974
19770094524	Radar bombing accuracy test (RABVAL). Laser tracker performance and operations summary	1974
19770094635	Exploratory and advanced development programs	1974
19770094711	Advanced thrust chamber technology program	1974
19770094836	Charge-coupled devices for multichannel video processors	1974
19770095160	Demonstration data report for the F-14 aircraft, volume 1 (U)	1974
19770095163	Nozzle/deflectors for Navy V/STOL fighters	1974
19770095326	Qualification test report for P/N668299-1 attenuator	1974
19770095329	Switch pushbutton, momentary, SPST, normally open	1974
19770095437	Spacelab life sciences mission simulation. Payload - test 1: Program plan and requirements	1974
19770095546	Bibliography on nucleic acids	1974
19780070627	Satellite observations of soft particle fluxes in the auroral zone: UTD account e1602	1974
19780071213	Design of a programmed environment for the experimental analysis of social behavior	1974
19780071676	The application of image enhancement techniques to remote manipulator operation	1974
19780072051	HESCOMP: The helicopter sizing and performance computer program. Users manual, revision	1974
19780073064	Research in the space sciences, volume 1, no. 1	1974
19780073065	Electronic processes in liquid xenon	1974
19780073066	Magnetic field configuration in the magnetotail near 60 R sub E	1974
19780073067	On the opacity of the interstellar medium to ultrasoft X-rays and extreme ultraviolet radiation	1974
19780073068	Deuterium and carbon-13 tracer studies of ethanol metabolism in the rat by H-2, H-1-decoupled C-13 nuclear magnetic resonance	1974
19780073069	Hydrogen-deuterium randomization in 7-methyl-4-octanone-7-d1 at times of 10 to 11th power - .00001 sec following field ionization	1974
19780073070	Correlation between amino acid exchanges in coat protein of TMV mutants and the nature of the mutagens	1974
19780073071	A facility for calibrations and short experiments with heavy ions at the Bevatron	1974
19780073072	Biosynthesis of pseudouridine in transfer ribonucleic acid	1974
19780073073	Circular dichroism of films of polynucleotides	1974
19780073074	Fluorescence detected circular dichroism	1974
19780073075	Mie scattering contributions to the optical density and circular dichroism of T2 bacteriophage	1974
19780073076	Irradiation records in orange glass and two boulders from Apollo 17	1974
19780073150	On man's role in space. A review of potential utilitarian and humanistic benefits of manned space flight	1974
19780073834	Silicon Intensifier target (SIT) photon counting spectrograph development	1974
19780074214	Research in the space sciences, volume 1, no. 3	1974
19780074364	Study of computer data transfer via satellite	1974
19780074365	Study of computer data transfer via satellite	1974
19780074909	Investigations of lubricant rheology as applied to elastohydrodynamic lubrication	1974
19780075432	Inviscid and viscous flow field calculations for space shuttle applications	1974
19780076117	Bibliography on tornado research	1974
19780076232	Some research on helicopter rotor noise thickness and rotational noise	1974
19780076369	Evaluation tests on commercial thick film resistors	1974
19780076508	Electrochemical energy conversion in Japan	1974
19780076845	Description, classification and inventory of 113 Apollo 17 rake samples from stations 1A, 2, 7 and 8	1974
19780076846	Description, classification, and inventory of Apollo 17 rake samples from station 6	1974
19780076847	A catalog of lunar soils	1974
19780076991	Program plan: Solar heating and cooling demonstration program (residential dwellings)	1974
19780077312	Chemical evolution of the giant planets	1974
19780077733	Lunar curatorial processing and storage facility	1974
19780077926	Environmental impact statement for the grating of an easement for sewer outfall	1974
19780078445	Space and nuclear R and T program and specific objectives	1974
19780079202	A modified multi-cell method for simulation of atmospheric transport	1974
19780079204	Study of atmospheric transport over area sources by an integral method	1974
19780079338	Rotational excitation of HD by collisions with He	1974
19780080088	Comet Bennett 1970 II	1974
19780080283	Research on the properties of circadian systems amenable to study in space, addendum	1974
19780080352	Separation and ejection systems of flight vehicles: An annotated bibliography	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080642	SINFLO computer routine	1974
19780080708	Quiet short-haul research aircraft engine system study	1974
19780080709	Turbofan engines for propulsive lift aircraft. Volume 1: Technical	1974
19780080725	Turbofan engines for propulsive lift aircraft. Volume 2: Preliminary specification. Augmented Jet Flap (AJF): Engine models ALF 503A-1, ALF 503A-2, ALF 503B-1, ALF 503B-2. Upper Surface Blowing (USB): Engine models ALF 502A-1, ALF 505-2	1974
19780080726	Turbofan engines for propulsive lift aircraft. Volume 3: Program planning	1974
19780081000	Assessment of technical risks associated with selected air-to-air missiles (U)	1974
19780081205	Biorhythm studies for Skylab missions	1974
19780081206	Human performance and military capability in continuous operations	1974
19780081637	Development of a non-aqueous high energy battery system	1974
19780081669	Evaluation of programming and systems techniques. Decision tables	1974
19780082062	Gliding 100 foot mid-air retrieval system parachute tests	1974
19780082253	Product specification, triplexer, radio frequency	1974
19780082377	Simulation: A peril to tactical airpower	1974
19780082403	Evaluation of programming and systems techniques. Estimation, planning and control of programming activities	1974
19780082404	Evaluation of programming and system techniques. Program tuning and optimisation	1974
19780082405	Evaluation of programming and systems techniques. Automatic flowcharters	1974
19780082481	Summary of F-111D systems tests	1974
19780082486	Titanium structures technical summary, DOT/SST phase 1 and phase 2	1974
19780082511	Heavy Lift Helicopter Cost and Operational Effectiveness Analysis study report (HLHCOEA). Volume 2: Main report. Appendix 1. Cost and funding implications (U)	1974
19780082563	F-5e stability and control tests. Air Force development test and evaluation	1974
19780082564	Flutter analysis of an all-movable horizontal tail with geared elevator on a supersonic transport	1974
19780082803	Microwave scatter and sea state estimation: Two-scale ocean wave models	1974
19780083297	The role of carbon and oxygen in the chemistry of cosmic gases	1974
19780083351	Air Force preliminary evaluation of the compatability of the GAU-8/A 30mm gatling gun and the YA-10 aircraft	1974
19780083352	Preliminary evaluation of the YA-10 leading edge slat system	1974
19780083402	Safeguard operational experience program, Chapter 4, appendix B18. Appeal procedures applicable to contractor employees DoD directive 5210.42	1974
19780083551	Product specification, capacitor, fixed, solid electrolyte, tantalum, high reliability	1974
19780083622	Basic equations and fundamental data for combustion MHD generators	1974
19780083653	Forced baroclinic ocean motions. 1: The linear equatorial unbounded case	1974
19780083703	A numerical scheme to solve unstable boundary value problems	1974
19780083715	Experimental determination of the single photon transition rate between the 2 sup 3 S 1 and 1 sup 1 S sub 0 states of He I	1974
19780083732	Light scattering in the vicinity of the plasma frequency in metals	1974
19780083905	SAFEGUARD Operational Experience Program. Chapter 4, appendix B-6: Contractor Maintenance Data System (CMDs) management plan	1974
19780083937	Interactions of countermeasures and countertactics with semiactive homing missiles (U)	1974
19780084216	Correlation system for position updating: Analytic studies (U)	1974
19780084277	Investigation of spatial modulation of active optical countermeasures techniques (U)	1974
19780084348	QCSEE preliminary design reveiw	1974
19780084523	Yoke and focus coil for image dissector tube, CAI PN 7682-577	1974
19780084724	Rivet gyro 3: Limited flying qualities evaluation of a modified F-4 automatic flight control system	1974
19780084756	Thermal performance of a customized multilayer insulation (MLI)	1974
19780084911	A study of the means of transporting and putting into operation an assembly intended to repair pipelines at great depths	1974
19780086015	Thumper high power laser (U)	1974
19780086400	Microcircuit, operational amplifier	1974
19780086562	NCIS reports generation for 3rd generation ADP equipment: Project manual	1974
19780086794	Prequal life cycle test. Qualification test of B-1 primary flight controls subsystems	1974
19780087006	Thermal analyses for the AGM-69 rotary launcher, and the AGM-69 suspension and release subsystem	1974
19780087128	Results of the B-1 .07 scale external compression inlet drag model wind tunnel test Ames 97-757	1974
19780087132	B-1 program main landing gear simulator configuration report	1974
19780087133	Aerodynamic characteristics of four selected weapons within the flow field of the B-1 strategic bomber	1974
19780087290	Narrative technical description of current payload dynamic test and isolation practices	1974
19780087320	Advanced composites production/service experience	1974
19780087386	EMP protector for aerial refueling line	1974
19780087598	A preliminary evaluation of automated techniques and ERTS digital data for land use classification of a Mississippi agricultural region	1974
19780087620	Current software requirements engineering technology	1974
19780087694	B-1 supercritical wing design study	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087707	IP-9 performance characteristics for the B-1 external compression inlet	1974
19780087716	Reentry antenna test program (RANT). Appendix 8: Telemetry and instrumentation subsystem studies	1974
19780087782	Anthropogenic pollution of the stratosphere	1974
19780087875	EMP hardening summary, B-1 weapons bay door drive subsystem	1974
19780087880	B-1 nozzle/afterbody performance estimates	1974
19780087884	B-1 full scale inlet/engine compatibility test AEDC TF 329 and SF 166. Volume 1: Preliminary summary	1974
19780087886	B-1 full scale inlet engine compatibility test AEDC TF 329 and SF 166. Volume 5: Characteristics of engine 031	1974
19780087887	B-1 full scale inlet engine compatibility test AEDC TF 329 and SF 166. Volume 6: Characteristics of simulated flight test instrumentation	1974
19780088043	Chronic exercise and body composition in the female rat	1974
19780088094	The flux of meteoroids at the moon in the mass range 10(-8) to 10(-12) G from the Apollo window and Surveyor 3 TV camera results	1974
19780088125	Instrumentation and testing requirements for flight program for B-1 air vehicle Volume 3: Landing gear subsystems	1974
19780088128	Preliminary summary of B-1 full scale inlet/engine compatibility test in AEDC 16T	1974
19780088129	Information for failure analysis of swivel nose landing gear, L5802999	1974
19780088131	Inlet development for the B-1 strategic bomber	1974
19780088146	B-1 armament subsystem hazard analysis	1974
19780088147	Low speed flight operations performance data for the B-1 airplane with various combinations of landing gear and wing flaps	1974
19780088149	Level flight acceleration performance data for the B-1 airplane	1974
19780088233	Analysis of production data on electroslag remelted HY-130 (5Ni-Cr-Mo-V) Steel, Phase 1	1974
19780088244	Spectral properties of white polyurethane paint	1974
19780088332	B-1 EMP skin current prediction using a wire model	1974
19780088424	Finite element development for Martsam 4	1974
19780088562	TREE design-to analysis, B-1 rotary launcher drive	1974
19780088573	Design-to-cost, the A-X/A-10 experience	1974
19780088585	Instrumentation and testing requirements for the flight program of the B-1 air vehicle. Volume 10: Propulsion	1974
19780088625	B-1 flight control subsystems. Failure mode and effect analysis, part 2	1974
19780088736	Black epoxy base paint, CTL-15, colour number 17038	1974
19780088737	White epoxy base paint, CTL-15, colour number 37875	1974
19780088832	The 18 and 25 mm generation 2 tubes	1974
19780088841	TREE design-to analysis, B-1 electrical power control panel	1974
19780088873	Transistor, NPN, silicon, power, 1P043	1974
19780088875	Transistor, NPN, silicon power, 1P142	1974
19780088895	Development of glass ceramic as active laser material	1974
19780088967	EMP analysis summary. B-1 RGA/AOA/AVL computer	1974
19790012780	A Course in Celestial mechanics, volume 2	1974
19790012781	A Course in Celestial Mechanics, Volume 3	1974
19790025134	Interdiffusion behavior of tungsten or rhenium and group 5 and 6 elements and alloys of the periodic table. Part 2b: Appendices	1974
19790070769	Support in radar studies of lunar and planetary surfaces	1974
19790073995	OAST Research Council Ames Basic Research Review	1974
19790074713	Thermal expansion behavior of igneous rocks	1974
19790075303	A study of the effects of long-term ground and flight environment exposure on the behavior of graphite-epoxy spoilers	1974
19790075524	Mass-transfer in fuel cells	1974
19790075824	A study of the effects of long-term ground and flight environment exposure on the behavior of graphite-epoxy spoilers	1974
19790077367	The Proceedings of the Committee to Investigate the Skylab CMG no. 2 Orbital Anomalies	1974
19790077915	Compensated and uncompensated nose boom static pressures measured from two air data systems on a supersonic airplane	1974
19790079132	Development of techniques to enhance man/machine communication	1974
19790079964	Aircraft wake modeling: Preliminary design aspects	1974
19790080688	Sensor studies and evaluation, volume 1	1974
19790080955	Navy Aircraft Survivability Enhancement Program (NASEP) plan	1974
19790080960	EF-111A JSS mission completion success probability analysis. Annex B: F-111A MCSP, JSS passive portion MCSP, and JSS failure critically sensitivity (U)	1974
19790080961	EF-111A JSS mission completion success probability analysis (U)	1974
19790080979	B-1 aerodynamic flow field effects on predicted bomb impact positions (U)	1974
19790080989	B-1 ride quality analyses (U)	1974
19790081008	Nonnuclear specification compliance analysis for B-1 crew station/accommodation subsystem (U)	1974
19790081056	B-1 hydraulic system redundancy and air vehicle control capability (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081515	A study of the development, current technology and projected requirements of the attack helicopter	1974
19790082086	A technique for increasing target fix accuracy for the P-3C aircraft when navigation drift is present (U)	1974
19790082100	F-14/AWG-9 weapon control system capability against multiple target raids (U)	1974
19790082101	F-14/AWG-9 weapon control system effectiveness (U)	1974
19790082116	Andover C Mk 1 manual dispatch of one ton containers and miscellaneous loads, using ADUX D Mk 1 parachutes and Bridport Gundry Net containers	1974
19790082183	Manufacturing methods for composite fan blades	1974
19790082254	Solar thermal vacuum test analysis of Ku-band operation space deployable AAFE antenna, volume 1	1974
19790082255	Solar thermal vacuum test analysis of Ku-band operation space deployable AAFE antenna, volume 2	1974
19790082309	Capacitor, fixed, porcelain dielectric, chipstyle	1974
19790082491	Effectiveness evaluation of several airborne weapon systems performing fleet air defense and strike escort missions (U)	1974
19790082498	Drone/RPV mission analysis. Volume 6, appendix D: Technology (U)	1974
19790082499	Drone/RPV mission analysis. Volume 7, appendix E: Systems analysis (U)	1974
19790082500	Drone/RPV mission analysis. Volume 5, appendix C: Mission applications/system concepts (U)	1974
19790082502	Drone/RPV mission analysis. Volume 2: Management plan (U)	1974
19790082503	Drone/RPV mission analysis. Volume 3, appendix A: USAF Drone/RPV history (U)	1974
19790082832	Drone/RPV mission analysis. Volume 9, Appendix G: Special study reports (U)	1974
19790082922	Microcircuit, dual D edge triggered flip flop on microelectronic circuits, digital, monolithic, flip-flop, transistor-transistor logic, flat	1974
19790083124	Integrated circuit EMP data summary	1974
19790083358	Requirements for polyether polyurethane flexible foam material open cell, 2LB/CU, FT	1974
19790083808	Small Waterplane Area Twin Hull (SWATH) combatant ships. Volume 2: Feasibility design studies (U)	1974
19790083982	High energy laser preliminary cost effectiveness analysis (U)	1974
19790084569	Report of test on 300 series low profile DIP sockets	1974
19790085265	ULF noise associated with thunderstorm activity	1974
19790085289	Parameter drift screening plan: Design, development test and evaluation analysis for WS-133A-M and WS-133B programs, Minuteman	1974
19790085679	Component evaluation report: Seven-segment planar GaAsP LED display	1974
19790085881	A study of the effects of multipath on automatic approach performance using a Doppler microwave landing system	1974
19790086006	Discrete semiconductor EMP data summary	1974
19790086279	Filter, radio frequency, hermetically sealed	1974
19790086339	Capacitor, fixed, ceramic, dielectric	1974
19790086343	Capacitor, fixed, liquid, electrolyte, tantalum source control drawing	1974
19790086346	Transistor, dual matched pnp silicon	1974
19790086379	Engineering control of welding fumes	1974
19790086528	Lightweight fighter technology options study, summary report	1974
19790086529	Lightweight fighter technology options study, volume 2	1974
19790086577	Shop, Portable Aircraft Maintenance (SPAM)	1974
19790086761	Component qualification test report solid state relay - 3022154	1974
19790087050	QRC-491 vulnerability studies (U)	1974
19790087559	Arament subsystem, aircraft, 30mm, A/A49E-6* preliminary explosive ordnance disposal procedure	1974
19790087641	Missile command specification primer epoxy	1974
19790087766	Acceptance test for relays, McAir ST5M1234, ST5M1235, ST5M1623, and ST5M1268	1974
19800070907	Development of a dynamic pressure calibration technique	1974
19800071503	Shuttle systems weight and performance	1974
19800071602	Design, construction and long life endurance testing of cathode assemblies for use in microwave high-power transmitting tubes	1974
19800071603	Design, construction and long life endurance testing of cathode assemblies for use in microwave high-power transmitting tubes	1974
19800073372	Optical resolution and configuration of cis-beta-phenylglycidic acid	1974
19800073383	Cobalt	1974
19800073384	Magnesium	1974
19800073385	Nickel	1974
19800073449	Gaseous electronics in the upper atmosphere: Some recent observations of the atomic oxygen 5577 and 6300 A emissions	1974
19800073463	Zones of the corpuscular precipitations and the structure of the magnetosphere	1974
19800073465	Simultaneous observations of the motion of large-scale electron density irregularities and of ionospheric electric field near the polar border of the southern auroral zone	1974
19800073466	An auroral substorm seen from above	1974
19800073476	Ionization of the E region of the ionosphere by precipitated electrons	1974
19800073491	Structure and properties of solid surfaces	1974
19800073516	Lessons learned on the Skylab program	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800073764	The polarized spectra of iron in silicates: Olivine. A discussion of neglected contributions from Fe(2+) ions in M(1) sites	1974
19800074187	Study of structural design concepts for an arrow-wing SST configuration	1974
19800074206	Engine project-phase 2	1974
19800074815	Milestone and financial charts to accompany research and technology progress reports, 1 October 1973 - 31 March 1974	1974
19800074828	Research and technology progress reports, 1 October 1973 - 31 March 1974	1974
19800074922	Multi-engine plume flowfield transformation program	1974
19800075588	The nimbus 5 data catalog. Volume 9: 1 April - 31 May 1974 data orbits 6386 through 7204	1974
19800077127	The cryogenic wind tunnel concept	1974
19800077219	Impulse flow analogy of slender bodies at high incidence	1974
19800077753	A solar powered observation platform	1974
19800077777	Impact of the space shuttle program on the California economy	1974
19800077936	Microcircuit, operational amplifier	1974
19800078016	Stitch-wire welding procedures for space shuttle	1974
19800078512	The interior ballistics of liquid propellant guns	1974
19800078662	Preliminary experiment to determine the acoustic transmission from air into a rough ocean	1974
19800078710	Demonstration data report for the F-14 aircraft (U)	1974
19800078955	Space radar for strategic surveillance (U)	1974
19800079667	B-1 air vheicle 0.06 scale nozzle/afterbody verification model wind test results test number one, (AEDC SF-150) (AEDC TF-285)	1974
19800079670	Tests of an 0.036-scale pressure loads model of B-1 air vehicle in the Rockwell International Trisonic Wind Tunnel test number 6 (TWT 267). Volume 1: TP/PS closeout report TP/PS 0341-1-006	1974
19800079737	Lightweight fighter technology options study, volume 1 (U)	1974
19800080044	Minutes of the 13th Conference of the International Committee on Aeronautical Fatigue, volume 1	1974
19800080045	Review of aeronautical fatigue investigations in the Netherlands	1974
19800080046	A review of the work in the United Kingdom on the fatigue of aircraft structures	1974
19800080047	Review of some Swedish works on aeronautical fatigue	1974
19800080048	Review of fatigue works performed in Belgium	1974
19800080049	Review of the Swiss investigations on aeronautical fatigue	1974
19800080050	Review of investigations on aeronautical fatigue in the Federal Republic of Germany	1974
19800080148	Definition of an approach to establishment of an F-15 avionics software support capability	1974
19800080156	Engineering test and evaluation Emux software verification FCL test report, Subsystem: (2200) Automatic Flight-Control System	1974
19800080221	A survey and evaluation of material properties: Project Have Name (U)	1974
19800080258	Tree design to analysis, B-1 terrain following radar adapter	1974
19800080339	Minutes of the 13th Conference of the International Committee on Aeronautical Fatigue, volume 2	1974
19800080340	Some investigations on aeronautical fatigue in France	1974
19800080341	A review of investigation on aeronautical fatigue in Italy	1974
19800080342	A review of Australian investigations on aircraft fatigue	1974
19800080343	A review of research on aeronautical fatigue in the United States	1974
19800080344	A review of aeronautical fatigue research in Canada	1974
19800080345	Review of aeronautical fatigue investigations in Israel	1974
19800080521	Effects of Earth's curvature on ULF induction field	1974
19800080522	Feasibility of ULF communication via Earth-ionospheric waveguide	1974
19800080523	Feasibility of ULF communication under daytime conditions	1974
19800081238	Analysis of aerodynamic characteristics of the B-1 aerodynamics force model 4 obtained during AEDC tests TF-307 and SF-161, phase 3. Volume 2: Appendix	1974
19800081239	Analysis of aerodynamic characteristics of the B-1 aerodynamics force model 4 obtained during AEDC tests TF-307 and SF-161, phase 3, volume 1	1974
19800081248	Tranonic wind tunnel test results of the .07-scale B-1 inlet drag model (AEDC TF305)	1974
19800081286	Instrumentation checkout/calibration procedure for B-1 air vehicle nose wheel steering subsystem measurement ICP-113-34, 27 March 1974	1974
19800081288	Instrumentation checkout procedure for B-1 air vehicle brakes and antiskid subsystem measurements ICP-113-30	1974
19800081326	Engineering test and evaluation EMUX software verification FCL and LL5 test report. Subsystem 2200 manual flight control system	1974
19800081876	Processing of high field varistors based on zinc and silicon oxides	1974
19800081948	Survey of external studies on international energy issues	1974
19810065583	Low-speed Wind-tunnel Tests of Usaf/ryan Fire Bee Vehicles Including the Effects of Power and of External Stores	1974
19810068009	Lessons learned on the Skylab program	1974
19810068551	Analysis of the interfacing behavior and the information flow patterns between scientific and engineering organizations. Analysis of the management of lunar science investigations at the Johnson Space Center	1974
19810069977	Microstructural relationships of high-pressure SiO2 phases produced by shock waves in porous quartzite	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810070126	Convection effects on skylab experiment M551, addendum to phase C report	1974
19810070127	Convection effects on skylab experiment M566, phase B and C report	1974
19810070128	Physical forces influencing Skylab experiment M566	1974
19810070129	Solidification theory for Skylab experiment M566	1974
19810071021	M509 astronaut maneuvering equipment. Hardware assessment report	1974
19810071092	Study of structural design concepts for an arrow-wing: Supersonic transport configuration	1974
19810073709	Radio wave propagation in the solar system	1974
19810076560	Infrared spectra of infrared flare drops and aircraft fly-bys (U)	1974
19810077437	Aircraft fuel system tests with anti-misting fuel additives	1974
19810077603	Product improvement test of hydraulic fluid (MIL-H-83282) in turret hydraulic systems of M60 A1 tank	1974
19810077746	Highly-Maneuverable Aircraft Technology (HiMAT). Volume 2: Technology integration and concept evolution	1974
19810077747	Highly-Maneuverable Aircraft Technology (HiMAT). Volume 3: Configuration description and design integration	1974
19810077748	Highly-Maneuverable Aircraft Technology (HiMAT). Volume 4: Flight demonstration and cost benefit analysis	1974
19810077749	Highly-Maneuverable Aircraft Technology (HiMAT). Volume 5: Technical analysis, part A	1974
19810077750	Highly-Maneuverable Aircraft Technology (HiMAT). Volume 5: Technical analysis, part B	1974
19810077751	Highly-Maneuverable Aircraft Technology (HiMAT). Appendix A: Differential maneuvering simulator data. Appendix B: Wind tunnel test report	1974
19810077752	Highly Maneuverable Aircraft Technology (HiMAT). Volume 2. Appendices	1974
19810077771	Highly-Maneuverable Aircraft Technology (HiMAT). Volume 1: Summary	1974
19810077822	Hardness program: Non-EMP TSE Shock Test Program plan for safeguard ground facilities. Volume 1: Management and technical plan	1974
19810077823	Hardness program. Non-EMP Shock Test Program plan for safeguard TSE ground facilities. Volume 2: In-structure shock response	1974
19810077825	Shock test program. Piping segments for safeguard TSE systems and equipment	1974
19810077826	Shock test program - thermal water valve for safeguard TSE systems and equipment	1974
19810077828	Shock test program generator neutral breaker for safeguard TSE systems and equipment	1974
19810077829	Shock test program. Generator control panel for SAFEGUARD TSE systems and equipment	1974
19810077830	Shock test program. Heat sensing device assembly for SAFEGUARD TSE systems and equipment	1974
19810077834	Shock test program. 660 ton chiller components SAFEGUARD TSE systems and equipment	1974
19810077835	Shock test program. Generator static exciter/regulator for safe guard TSE systems and equipment	1974
19810077836	Shock test program. Electric motor control centers (E52MC) (E87MC) for safeguard TSE systems and equipment	1974
19810077839	Shock test program pressure control valve (P83VE) for safeguard TSE systems and equipment	1974
19810077843	Shock test program. Air compressor control panel motor for safeguard TSE systems and equipment	1974
19810077844	Shock test program. Instrument air dryer for safeguard TSE systems and equipment	1974
19810077845	Shock test program. Monitoring and control component for safeguard TSE systems and equipment	1974
19810077846	Shock test program. Temperature switch (158 TS) for safeguard TSE systems and equipment	1974
19810077850	Shock Test Program. Gas, purlo-generator assembly (E01GT) for safeguard TSE systems and equipment	1974
19810077851	Shock Test Program: Piping segment (P30PC) for safeguard TSE systems and equipment	1974
19810077852	Shock Test Program. Unit substation switch. Transformer. Voltage regulator. Circuit breaker (E04SS) for safeguard TSE systems and equipment	1974
19810077853	Shock Test Program. Motor generator set (E12GM) for safeguard TSE systems and equipment	1974
19810077854	Shock Test Program. Unit substation circuit breakers (E29SS) for safeguard TSE systems and equipment	1974
19810077855	Shock Test Program. Unit substation voltage regulator. Circuit breaker (E05SS)-B for safeguard TSE systems and equipment	1974
19810077856	Shock Test Program. Unit substation motor control center (E05SS)-A for safeguard TSE systems and equipment	1974
19810077863	Shock Test Program. Dynamic analysis, motor generator set ITC-E12GM for safeguard TSE systems and equipment	1974
19810077864	Shock Test Program. Air handling unit (HO6AU) for Safeguard TSE systems and equipment	1974
19810077865	Shock Test Program. Three piping segments (P02PC) for safeguard TSE systems and equipment	1974
19810077867	Shock Test Program unit substation, motor control center (E12SS) for safeguard TSE systems and equipment	1974
19810077868	Shock Test Program. Motor generator set (E03GM) for safeguard TSE systems and equipment	1974
19810077869	Shock Test Program unit substation circuit breakers (E27SS) for safeguard TSE systems and equipment	1974
19810077870	Shock Test Program. Diesel engine components M and C components for safeguard TSE systems and equipment. Volume 1: Test report	1974
19810077871	Shock Test Program. Diesel engine components M and C components, for safeguard TSE systems and equipment. Volume 2: Test procedure	1974
19810077882	Orbiter mid-fuselage, phase 2. Development tests. Part 2: Evaluation test results	1974
19810077883	Shuttle less subsurface attack investigation	1974
19810078265	Highly Maneuverable Aircraft Technology (HiMAT), volume 1, summary	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078266	Highly Maneuverable Aircraft Technology (HiMAT). Volume 2: Configuration description and design integration	1974
19810078267	Highly Maneuverable Aircraft Technology (HiMAT). Volume 3: Flight demonstration and cost-benefit analysis	1974
19810078268	Highly Maneuverable Aircraft Technology (HiMAT). Volume 6: Structural design	1974
19810078269	Highly Maneuverable Aircraft Technology (HiMAT). Volume 4, appendix A: DMS data	1974
19810078270	Highly Maneuverable Aircraft Technology (HiMAT). Volume 5: Flight controls and vehicles system	1974
19810078271	Highly Maneuverable Aircraft Technology, volume 1, phase 2	1974
19810078272	Highly Maneuverable Aircraft Technology. Volume 2: Addendum to appendix A tabulated wind tunnel data	1974
19810078593	Shock test program, compressor control oil shutdown switch for safeguard TSE systems and equipment	1974
19810078595	Shock test program. Piping segment (P39PC) for safeguard TSE systems and equipment	1974
19810078596	Shock test program. Unit substation transformer (E16SS) for safeguard TSE systems and equipment	1974
19810078742	Highly maneuverable aircraft technology (HiMAT), phase 2. Volume 4: Aerodynamic characteristics	1974
19810078743	Highly Maneuverable Aircraft Technology (HiMAT), Phase 2. Volume 7: Propulsion and performance	1974
19810078744	Highly Maneuverable Aircraft Technology (HiMAT), phase 2. Volume 8: New technology	1974
19810079729	Human incapacitation produced by burns. 5: Assessment of the effectiveness of Napalm-B	1974
19810079887	Evaluation of short range air-to-air missiles (U)	1974
19810079931	Safety study report of the TAC C-130 internal flare launcher	1974
19810080063	Research in aeronomy	1974
19810081701	Evaluation of a fire-resistant hydraulic fluid, part 1	1974
19810082035	Process specification: Adhesive bonding of passive components to substrates (hybrids), requirements for general specification	1974
19810082037	Process specification: Adhesive bonding using 3M EC-2290	1974
19810082038	Process specification. Adhesive bonding with Sylgard 184	1974
19810082039	Process specification: Removal of silicone compounds and epoxies with Dynasolve 160	1974
19810082040	Process specification: Sealing and bonding using Hysol R9-2039/H2-3561	1974
19810082041	Process specification: Adhesive bonding with shell Epom 828 resin and polyamide curing agent	1974
19810082042	Process specification: Sealing and bonding with Dow Corning RTV 3145	1974
19810082043	Process specification: Adhesive bonding with Eastman 910	1974
19810082044	Material specification: Adhesive, conductive, gold filled general specification for	1974
19810082123	Visual inspection criteria for microelectronics	1974
19810082160	Process specification: Beam lead bonding using wobble bonding equipment, general specification for	1974
19820065815	A multifrequency coaxial feed horn antenna: A design study	1974
19820066189	Study of Structural Design Concepts for an Arrow Wing Supersonic Transport Configuration	1974
19820066505	Chemical Evolution of the Giant Planets	1974
19820066529	Storable Space Tug systems study, volume 2	1974
19820066628	Proceedings of the International Colloquium on Drops and Bubbles: Their science and the systems they model, volume 2	1974
19820067495	Experimental investigation of an 0.25-scale inlet/canard interference model at high angles of attack and Mach numbers of 0.9 and 1.2	1974
19820068529	Important technology applications by the RTI Biomedical Application Team	1974
19820068564	Measurement of vortex breakdown over a delta wing using a laser anemometer	1974
19820072498	Electric Power from the Wind. A Practical Guide to Wind-Generated Power Systems for Individual Applications	1974
19820075105	Work statement Coanda ground jet noise suppressor, mobile, self powered, for the F-104 airplane	1974
19820075643	Data and analysis of low altitude visibility in USSR	1974
19820076262	Critical materials from seawater	1974
19820076783	Assessment of the potential for colloidal fuels in Department of Defense applications	1974
19820076810	Soviet antenna evaluation study	1974
19820076898	Prediction of the initiation of low cycle fatigue cracking at welded structural details	1974
19820078473	Combat Angel improvements. Initial operational test and evaluation (U)	1974
19820078511	OWEX/FLIP radar experiment (U)	1974
19820078627	Hybrid acoustic processor (U)	1974
19820078657	Spin-tunnel investigation of a 1/32-scale model of the Lockheed S-3A airplane: Coord no. N-AM-161	1974
19820078786	Advanced detector for noble gases	1974
19820079570	Qualification tests of the AN/ALQ-101(5)-8 electronic countermeasures equipment. Volume 5G: Antenna assembly tests. Appendix F: Pattern and gain measurements, revision A (U)	1974
19820079573	Qualification tests of the AN/ALQ-101(5)-8 electronic countermeasures equipment. Volume 5A: Antenna assembly tests including appendices A through E, revision A (U)	1974
19820079574	Qualification tests of the AN/ALQ-101(5)-8 electronic countermeasures equipment. Volume 5B: Antenna Assembly Tests. Appendix F. Pattern and gain measurements, revision A (U)	1974
19820079575	Qualification tests of the AN/ALQ-101(5)-8 electronic countermeasures equipment. Volume 5C: Antenna assembly tests. Appendix F. Pattern and gain measurements, revision A (U)	1974
19820079576	Qualification tests of the AN/ALQ-101(5)-8 electronic countermeasures equipment. Volume 5D: Antenna assembly tests. Appendix F. Pattern and gain measurements, revision A (U)	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820079577	Qualification tests of the AN/ALQ-101(5)-8 electronic countermeasures equipment. Volume 5E. Antenna assembly tests. Appendix F. Pattern and gain measurements, revision A (U)	1974
19820079578	Qualification tests of the AN/ALQ-101(5)-8 electronic countermeasures equipment. Volume 5F: Antenna assembly tests. Appendix F. Pattern and gain measurements, revision A (U)	1974
19820080329	Point design study for a high resolution pointable imager using an image plane scanner	1974
19820080555	Analytic models of high-altitude plume radiation	1974
19820080828	High Energy Astronomy Observatory Breakup, survival and risk hazard analyses	1974
19820080829	Apollo-Soyuz Test Project Service Module Breakup, survival, dispersion and risk hazard analyses	1974
19820081057	A mathematical model of homogeneous isotropic turbulence to give representative non-normal responses at the centre of gravity of aircraft	1974
19820081427	Weather limitations on millimeter-wave and optical terminal guidance systems	1974
19830069668	Analysis and design of combustors for small gas turbines for advanced helicopters	1974
19830069669	Analysis and design of combustors for small gas turbines for advanced helicopters, appendices	1974
19830069670	Analysis and design of combustors for high performance small gas turbines for advanced helicopters	1974
19830069936	Analysis of multipurpose equipment for space application	1974
19830070318	An investigation of dispersion strengthening by the SAP-technique as applied to a Ni-Cr-Al oxidation resistant alloy	1974
19830071483	Installation procedure for surface mounted flat conductor cable used in commercial and residential wiring	1974
19830071840	Three dimensional boundary layer separation in supersonic flow	1974
19830072359	Public Technology National Aeronautics and Space Administration Technology Application Program 1973 - 1974	1974
19830073193	Interplanetary monitoring platform satellites: Ten-year history and achievements. Volume 2: IMP scientific and engineering reports, papers and associated documents. Part 1: Bibliography	1974
19830073194	Interplanetary monitoring platform satellites: Ten-year history and achievements. Volume 3: Pictorial documentation	1974
19830073774	Coal conversion and usage: A system study	1974
19830076180	Observations of cosmic rays and the primary composition above 10 to the 15th power ev using an array of atmospheric Cerenkov light detectors	1974
19830078515	A review and summary of Department of Defense activities and technologies in support of mapping of built-up areas	1974
19830078519	Analysis of noise measured in the upper MF-lower HF regime in the north Atlantic	1974
19830079294	The flow around a wing with an external-flow jet flap	1974
19830079345	The orbital decay and lifetime (LIFTIM) prediction program	1974
19830081986	Adsorption of hydrogen by condensed carbon dioxide at 20 deg K	1974
19830082371	Life assurance of composite structures	1974
19830082787	F-15 composite wing flight test	1974
19830082959	Capacitors, fixed, electrolytic, aluminum, metallic case, lead mount, MIL-general	1974
19830083156	Development of an Al-Mg-Li alloy	1974
19830083657	Development and utilization of technology: Contributions from NASA life support systems. Case study: Heat pipes	1974
19830083762	Instrumentation requirements for field tests for Project SEEKVAL	1974
19830084635	Wake turbulence measurements in stratified flow	1974
19830085636	Communications performance of CVSD at 16/32 kilobits/second	1974
19840066905	Apogee motor firing dynamics study for the communications technology satellite	1974
19840067069	Technical facilities catalog, volume 1	1974
19840067070	Technical facilities catalog, volume 2	1974
19840067071	Technical facilities catalog, volume 2	1974
19840070338	Design report for the rotating assembly for an integrated power/attitude control system	1974
19840072082	Facilitating the exploitation of ERTS-1 imagery using snow enhancement techniques	1974
19840072442	Skylab Experience Bulletin no. 5: Inflight maintenance as a viable program element	1974
19840072444	Skylab Experience Bulletin no. 2: Architectural evaluation for airlock	1974
19840072537	Skylab Experience Bulletin, no. 4: Design Characteristics of the Sleep Restraint	1974
19840072538	Skylab Experience Bulletin no. 3: Architectural evaluation for sleeping quarters	1974
19840072539	Skylab Experience Bulletin no. 1: Translation modes and bump protection	1974
19840072540	Skylab Experience Bulletin no. 10: Body restraint systems	1974
19840072541	Skylab Experience Bulletin no. 13: Tools, test equipment and consumerables required to support inflight maintenance	1974
19840072543	Skylab Experience Bulletin no. 9: Foot restraint systems	1974
19840072544	Skylab Experience Bulletin no. 8: Cleansing provisions within the waste management compartment	1974
19840072545	Skylab Experience Bulletin no. 7: An overview of IVA personal restraint systems	1974
19840072546	Skylab Experience Bulletin No. 6: Space Garments for IVA Wear	1974
19840072646	Energy and synthetic fuels for transportation: A summary	1974
19840076505	Laboratory characterization and research on the performance of window materials for high power IR (infrared) lasers	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840076542	Effects of cold and hypoxic stress on protein metabolism, brain serotonin concentration and various parameters of thyroid function	1974
19840077519	Protective-antireflective thin films for polycrystalline zinc selenide and alkali halide laser windows	1974
19840078823	Pulsed periodic surface discharge	1974
19840079246	Physical conditions for thawing of ice cover from lower surface in Arctic seas	1974
19840079469	A-10 initial operational test and evaluation	1974
19840079810	A magnetic tape recorder interface for BIODAL magnetic tape unit	1974
19840079895	A modified Niskin bottle for trace-element sample collection	1974
19840080481	Intercalibration as an aid to quality control	1974
19840080983	Scout helicopter parametric life cycle cost model	1974
19850070938	Improved toughness of silicon carbide	1974
19850071295	An abbreviated magnetic trip through the Solar System	1974
19850073389	Joint test project plan of combat air support target acquisition program. SEEKVAL. Scene characteristics instrumentation	1974
19850073390	Joint test project plan of combat air support target acquisition program. SEEKVAL. Phase 1: Test of methodology/capability to acquire targets in combat air support. Revision	1974
19850073392	Joint test project report of combat air support target acquisition program. SEEKVAL. Volume 1: Representative new target imagery	1974
19850073394	Joint test project plan of combat air support target acquisition program. SEEKVAL. Aided visual terrain table experiment	1974
19850073396	Joint test project plan of combat air support target acquisition program. SEEKVAL. Representative new target imagery	1974
19850073397	Joint test project report of combat air support target acquisition program. SEEKVAL. Aircraft vectoring instrumentation	1974
19850073498	EWJT (Electronic Warfare Joint Test) phase 2. Instrumentation/communications system plan	1974
19850074503	Short range radio: Handling-trials and revision of user requirements	1974
19850074679	Marine corps V/STOL basing analysis	1974
19850077712	Users reference manual: For data produced by NASA's Earth Resources Program	1974
19860066009	Shipboard spectroradiometric measurement of light in coastal water	1974
19860066600	Possibilities offered by thin layers in the far ultraviolet range, from 150 A to 4000 A	1974
19860066628	Agricultural spectral signatures: Yuma test site, mission 91-8, 4-7 February 1974	1974
19860066630	Agricultural spectral signatures: Yuma test site, mission 91-10, 19-22 February 1974	1974
19860066631	Agricultural spectral signatures: Yuma test site, mission 91-15, 26-28 March 1974	1974
19860066632	Agricultural spectral signatures: Yuma test site, mission 91-14, 20-21 March 1974	1974
19860066633	Agricultural spectral signatures: Yuma test site, mission 91-9, 13-14 February 1974	1974
19860066634	Agricultural spectral signatures: Yuma test site, mission 91-7, 30 January - 1 February 1974	1974
19860066744	IME (International Magnetospheric Explorer) program, heliocentric satellite, experiment: 3-D radio mapping, description of experiment's operation	1974
19860066767	Earth observatory satellite system definition study report. Design/cost trade-off studies. Appendix D: EOS configuration design data. Volume 2: Data management system configuration	1974
19860066788	Study of the deformation of CER-VIT in response to electronic irradiation	1974
19860066847	Ross Barnett Reservoir standard data package A, flight of 13 November 1974	1974
19860066850	Bayou Lafourche standard data package A, flight of 11 November 1974	1974
19860066859	Occurrence of natural vegetation and other cultivated crops in western Mexico in relation to the cultivation of papaver somniferum (project Compass Trip)	1974
19860066860	Project Compass Trip, phase 4: Operational test of a multiband photographic poppy detection system, volume 1	1974
19860066862	Agricultural spectral signatures: Yuma test site, mission 91-20, 29 April - 1 May 1974	1974
19860067044	Information note on the CNES automatic transmission and acquisition network: A comparison of the SR 200, RESEDA, and STADAC (NASA) systems	1974
19860067203	D.E.A. coherent optics	1974
19860067271	ERL facilities and equipment. Compilation of the capital equipment and facilities currently in use by the NASA Earth Resources Laboratory	1974
19860067273	Sea Remote Sensing Program. Biloxi Bay remote sensing study, 18 October 1972, remote measurements, light aircraft	1974
19860067276	Agricultural spectral signatures, Yuma test site, mission 91-16, March 29-April 4, 1974	1974
19860067277	Agricultural spectral signatures, Yuma test site, mission 91-13, March 13-15, 1974	1974
19860067278	Agricultural spectral signatures, Yuma test site, mission 91-1, December 10-14, 1973	1974
19860067279	Numerical simulation of infrared radiometer spectral response	1974
19860067280	Sea Remote Sensing Program. Oceanic Gamefish/Skylab Project experiment no. 240, 4 and 5 August 1973, NC13OB and Skylab-3 operations	1974
19860067297	Considerations of atmospheric effects on limiting satellite scanner performance	1974
19860067306	Agricultural spectral signatures, Yuma test site, mission 91-22, May 14-15, 1974	1974
19860067307	Agricultural spectral signatures, Yuma test site, mission 91-19, April 19-27, 1974	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19860067310	Sea Remote Sensing Program. Remote sensing of oceanic parameters during the Skylab/Gamefish experiment	1974
19860067317	Agricultural spectral signatures: Yuma test site, mission 91-18, 15-18 April 1974	1974
19860067318	Agricultural spectral signatures: Yuma test site, mission 91-17, 9-11 April 1974	1974
19870067472	Space among us: Some effects of space research on society	1974
19870067507	Space tug systems study (cryogenic). Volume 2: Compendium	1974
19880068829	SST Technology Follow-On Program, phase 2: ADEDS simulation test report	1974
19880068830	SST Technology Follow-On Program, phase 2: ADEDS interface description	1974
19880068831	SST Technology Follow-On Program, phase 2: ADEDS flight test report. Volume 1: Flight test plan	1974
19880068832	SST Technology Follow-On Program, phase 2: ADEDS flight test report. Volume 2: Airplane installation	1974
19880068853	Redundant flight-critical control system evaluation: Analog and digital systems performance comparison	1974
19880072177	Data handling considerations for advanced high resolution multispectral scanners	1974
19880072178	Implementation of an advanced table look-up classifier for large area land-use classification	1974
19890068478	Application of NASA safety, reliability and quality assurance techniques to the nuclear power industry (a literature survey)	1974
19890068495	Numerical algorithms for parallel and vector computers: An annotated bibliography	1974
19890068497	A descent method for the uniform solution to over-determined systems of linear equations	1974
19890068507	Trace driven studies of deadlock control and job scheduling	1974
19900066507	Advanced beaded and tubular structural panels: Summary document	1974
19900066802	Management of safety at NASA. Multidisciplinary studies in management and development programs in the public sector	1974
19900067355	Do saturated astrophysical masers exhibit coherence	1974
19900068063	L-1011 crashworthiness studies of special conditions for PSA configured airplane	1974
19910072609	Index to NASA news releases and speeches: 1973 supplement	1974
19910072641	Temporal behavior of average concentrations of photochemical smog components in Los Angeles	1974
19910072812	Meson-meson interactions and the equation of state for dense nucleons	1974
19910072860	Radioactive dating and Dirac cosmology	1974
19910073287	Summary of minutes of the Advisory Board on Aircraft Fuel Conservation Technology	1974
19910073417	Research and technology advisory council, panel on space vehicles	1974
19910073453	NASA Research and Technology Advisory Council Committee on Research	1974
19910073470	Minutes of the NASA Research and Technology Advisory Council Panel on General Aviation Technology	1974
19910073472	Minutes of the NASA Research and Technology Advisory Council, Panel on General Aviation Technology	1974
19910078370	Solar thermal energy utilization. Volume 2: A bibliography with abstracts	1974
19920075310	Saturn S-1B stage final flight report S-1B-8 (applicable to Skylab-4, SA-208)	1974
19920075432	An approximate shadowing technique to augment the aerodynamic torque model in the AE-C Multi-Satellite Attitude Prediction and Control Program (MSAP/AE)	1974
19920076040	Ultraviolet and visible scattered light effects on the optical performance of the Large Space Telescope (LST)	1974
19930073434	Pioneer to Jupiter Second Exploration	1974
19930074022	Lear-Jet Airborne Observatory investigators handbook	1974
19930074056	Pioneer Outer Planets Orbiter	1974
19930074057	Outer Planets Pioneer Spacecraft	1974
19930074074	The C-141 Airborne Infrared Observatory investigators handbook	1974
19930074090	Viking 75 project: Mars engineering model	1974
19930074137	Pioneer Outer Planets Orbiter. Appendices	1974
19930074285	Significant contributions in planetary biology from Ames Research Center	1974
19930074311	Pioneer Mars mission study: Executive summary	1974
19930078669	Study of the effects of planetary quarantine on the design of an outer planets atmospheric probe	1974
19930078746	An exploratory study of technological forecasting as a method of incorporating societal and institutional factors in NASA's R/T planning	1974
19940003835	How to sharpen your bidding	1974
19960006707	Applications Technology Satellite: ATS-F spacecraft reference manual	1974
19960022654	STO Confirmation of Optical Phenomenology (SCOOP) Experiment	1974
19960031893	Non-Linear Behavior of Fiber Composite Laminates	1974
19970022445	Electronic Measurements of Snow Sample Wetness	1974
19970022811	Blood Electrolytes and Temperature Regulation During Exercise in Man	1974
19970031123	Effects of Acute Dehydration and Starvation on Muscular Strength and Endurance	1974
20000031282	Results of Tests OA12 and IA9 in the Ames Research Center Unitary Plan Wind Tunnels on an 0.030-Scale Model of the Space Shuttle Vehicle 2A to Determine Aerodynamic Loads	1974
20010075281	Earth Resources Aircraft Project. Summary Catalog #5: Flights 74-001 Through 74-111	1974
20010078792	Earth Resources Aircraft Project. Summary Catalog #6: Flights 74-112 Through 74-209	1974
20020059621	Service Acceptance Trials of Model E-2C Aircraft	1974
20020068877	Gas Turbine Exhaust Radiation Measurements	1974
20030005107	Experiments on Confined Turbulent Jets in Cross Flow	1974
20040050268	Measurements from Satellite Systems	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20040074133	U.S. Army Aviation R&D Technical Reports Published in 1973	1974
20040111785	The Literature of Strategic Target Selection: A Collection of Critical Abstracts	1974
20040120959	Schlieren With a Laser Diode Source	1974
20050201236	DOD Flight Information Publication Enroute: High and Low Altitudes Europe North Africa and Middle East. Third Edition	1974
20050201240	Type and Symbol Catalog for Flight Information Publications and Associated Products. Third Edition	1974
20050216904	Hypersonic Turbulent Boundary Layer Characteristics With Mass Transfer. Volume 2. Appendix A. Cone Surface Data. Part 1. Cold Wall (Transient) Heat Transfer. Part 2. Hot Wall Heat Transfer. Part 3. Surface Pressure	1974
20050216905	Hypersonic Turbulent Boundary Layer Characteristics With Mass Transfer. Volume 3. Appendix B. Boundary Layer Profile Data	1974
20050228926	German/AEROS-B Project Mission Operation Report	1974
20050228979	Improved TIROS Operational Satellite (ITOS-G) Mission Operation Report	1974
20050229152	ITOS-G/NOAA-4 Post Launch Report No. 1	1974
20050229170	Scout/Aeros-B Reimbursable Mission	1974
20050229907	Synchronous Meteorological Satellite (SMS-A) Post Launch Reports 1 and 2	1974
20050230159	Intelsat IV F-8 Launch	1974
20050236244	San Marco C-2 Explorer	1974
20050236253	SKYNET IIA Mission Operation Report	1974
20050236258	Skynet IIA Post Launch Report	1974
20050236260	SKYNET IIB Mission Operation Report	1974
20050236374	Hawkeye Mission Operation Report	1974
20050236392	UK-5 Mission Operation Report	1974
20050236446	Symphonie-A Mission Operation Report	1974
20050236468	Intelsat IV F-8 Post Launch Report No. 1	1974
20050236496	Mission Objectives for INTELSAT IV F-1 Mission	1974
20050236523	Helios A Mission Operation Report	1974
20050240832	Netherlands Astronomical Satellite (ANS)	1974
20050240856	Titan/Centaur Proof Flight (TC-1)	1974
20060019939	Cartridge Case, Steel, for 100mm, FRAG-HE Cartridge, Model UOF-412, with Primer, Percussion Type, Model KV-13-U (Soviet) MCN 35003	1974
20070017192	Gentamicin in the Treatment of Cutaneous Leishmaniasis	1974
20070033409	Roman Candle	1974
20070034187	Roman Candle	1974
20070034188	Roman Candle	1974
20070034194	Roman Candle	1974
20080001532	Radar Bombing Evaluation (Phase II)	1974
20080005787	Comparative Evaluation of Beyond Visual Range Air-to-Air Capability	1974
20080009929	Spaceborne Computer Survey Final Report	1974
20080014755	Electronic Warfare Education Quarterly	1974
20080015612	Electronic Warfare Education Quarterly. April 1974	1974
20080023245	Comparative Evaluation of Beyond Visual Range Air-To-Air Capability	1974
20080041535	Spin-Tunnel Investigation of a 1/30-Scale Model of the Fairchild A-10A Airplane Coord No. AF-AM-185	1974
20080042997	Table and Charts of Equilibrium Normal Shock and Shock-Tube Solutions for Pure Hydrogen with Velocities to 70 km/sec	1974
20090002352	Helmet Suspension System Development Program	1974
20090003339	Evaluation of the PRC Dual Channel Biosensor System and the ITI Model 58 Explosive Detector for the Detection of TNT and Other Compounds	1974
20090023299	Executive Program Summary	1974
20110020370	ATS-6 Post Launch Report Report No. 1	1974
20110020373	Synchronous Meteorological Satellite (SMS-A) Mission Operation Report	1974
20110020497	Skylab SL-4 Mission Assessment: Post Launch Mission Operation Report	1974
20110020559	ATS-6 Post Launch Report No. 3, Mission Assessment	1974
20110020584	Titan/Centaur Proof Flight (TC-1) Post Launch Report No. I	1974
20110020585	Westar-A (Delta 101) Post Launch Report No. I	1974
20110020588	Westar-B Post Launch Report No. 2: Post Launch	1974
20110020589	WESTAR-B Post Launch Report No. 1: Post Launch	1974
20110020601	UK X-4/Scout Reimbursable Mission	1974
20110020602	UK X-4/Stout Reimbursable Mission	1974
20110020615	Western Union Communication Satellite/Delta Launch (Westar-B): Prelaunch	1974
20110020617	Western Union Communication Satellite/Delta Launch (WESTAR-A)	1974
20110020635	ATS-6 Post Launch Report No. 2 (Status as of 1 July 1974)	1974
20130014317	Three-Terminal Shielded Resistors for Fast Electrometers	1974
20130014477	Radar Techniques Study: Array Thinning Techniques	1974
20130014585	Regional Technology Transfer Program	1974

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20130014914	Development and Utilization of Technology Contributions from NASA Life Support Systems. Case Study: Reflective Superinsulation Materials	1974
20150009362	Ganymede: Possibility of an Oxygen Atmosphere	1974
20150009557	Plate Count Analyses of Soil Particle Microflora and Particle Viability of Cape Kennedy Soil Fractions	1974
20150009560	The Application of Biometrical Principles In the Study of Dry Heat Destruction of Bacterial Spores	1974
20150009661	The Effect of Water on the Thermal Death of a Hydrocarbon Bacterium in a Nonaqueous Fluid	1974
20150009733	Planetary Quarantine: An Important and Unique Facet of Environmental Control	1974
20150010039	A Simple Method for Estimation of Coagulation Efficiency in Mixed Aerosols	1974
20150010066	Mars Surface Sample Return Science Requirements and Contamination of Earth	1974
20150010271	Quantitation of Buried Contamination by Use of Solvents	1974
20150010555	Session IX - Special Subsystem Design Problems: An Overview of Planetary Quarantine Considerations for Outer Planet Probes	1974
20150010621	Indices of Water Content in Gaseous Systems, Their Measurement, and Relationship to Each Other	1974
20150010629	Thermoradiation Inactivation of Naturally Occurring Bacterial Spores in Soil	1974
20150010855	Commercial Summary of the Particles and Gases Contamination Panel Meeting and the Payload Contamination Technical Interchange Meeting	1974
20150011141	Mission Analysis Program for Soalr Electric Propulsion (MAPSEP)	1974
20150011142	Mission Analysis Program for Solar Electric Propulsion (MAPSEP)	1974
20150014144	NASCOM Network Ground Communications Reliability Report	1974
20150015589	Flammability, Odor, and Offgassing Requirements and Procedures for Materials in Environments that Support Combustion	1974
20150016275	The Effect of Nozzle Nonlinearities Upon the NonLinear Stability of Liquid Rockets	1974
20160012432	Skylab 1/4 Earth Resources Experiments Debriefing	1974
20160012433	Skylab 1/4 Corollary Experiments Debriefing	1974
20160012434	Skylab 1/4 Apollo Telescope Mount Experiments Debriefing	1974
20160012435	Skylab 1 / 4 Technical Crew Debriefing	1974
20160012438	A Review of NASA Orbital Decay Reentry Debris Hazard	1974
20160012439	Skylab Mission Report: Flight Crew Contributions to the Skylab Mission	1974
20160012441	Lessons Learned on the Skylab Program	1974
20160012442	Lessons Learned on the Skylab Program	1974
20160012639	Space Shuttle Program Requirements Document Level I	1974
20160013510	Report of the NASA Evaluation Team on Canadian Capability to Develop the Space Shuttle Remote Manipulator System	1974
20160013512	Space Shuttle Program Requirements Document: Level 1	1974
20160013772	Mission Implementation Plan for the Apollo/Soyuz Test Project: Revision 1	1974
20160013828	A Feasibility Study of Unmanned Rendezvous and Docking in Mars Orbit	1974
20160014364	ASTP Command/Service Module and Docking Module Systems Handbook CSM 111	1974
20170000999	Skylab Mission Report First Visit	1974
20170006887	Current NASA Ion Propulsion Technology	1974
19740000268	Carbon monoxide detector	1975
19750005202	Fundamentals for the Design of Oil Mist Lubrication Systems, Part 3	1975
19750005203	Fundamentals for the design of oil mist lubrication systems (conclusion)	1975
19750005513	Comparative analysis of various methods of estimating the parameters in the problem of V. G. Kurt	1975
19750005700	Photodissociation of CO ₂ and the heat liberation associated with it in the upper atmospheres of Mars and Venus	1975
19750005701	Certain questions of the dynamics of the formation of the glass particles of the regolith	1975
19750005792	The effect of air precooling prior to compression in air-breathing engines for a space vehicle carrier. Comparative analysis, with special consideration given to the real-gas behavior of fluids	1975
19750006504	Study of the collisions of metastable atoms of He/2 3S/ with helium and neon, and of Ne+ ions with helium	1975
19750006778	Voltametry with linear variation of the potential applied to the study of electrochemical reactions	1975
19750006805	Oxide films on gold electrodes	1975
19750006813	Preparation of sintered oxides with hollandite type structure K(x)Mg(x)/2Ti8(x)/2O16 and their ionic condition	1975
19750006814	The different types of corrosion protection used at the Rance tidal-power station	1975
19750006926	Flow of viscous fluid in spherical layers (review)	1975
19750006927	Nature of the influence of the unit Reynolds number on supersonic boundary layer transition	1975
19750007025	Preliminary data on the UHF radiometric research of soil wetness, conducted in the USSR, in 1974	1975
19750007064	Fundamentals of the space indication of earth resources	1975
19750007082	Report of the Wind Power Committee	1975
19750007144	Electrical conductivity of the polar ionosphere	1975
19750007145	Heat escape and diffusion of hydrogen and deuterium in the thermosphere of the earth	1975
19750007151	Radio emission of the earth as a planet	1975
19750007383	Injection of a plasma cloud in a transverse magnetic field	1975
19750007445	The optical system of a balloon telescope for high resolution Fourier spectroscopy in the infrared spectral region	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750007493	Temperature and structure of the moon according to electrical conductivity data on its interior	1975
19750007494	Structure and dynamics of the thermosphere of Venus	1975
19750007495	Volatilization in a vacuum of elements from melts of planetary surface materials	1975
19750008003	Instructions for the FLS aeromotor	1975
19750008380	Cosmic rays	1975
19750008436	Problems of parachute technology	1975
19750008438	Aerodynamic design of airfoil sections	1975
19750008441	Experimental testing of unsteady three-dimensional lifting surface theories for incompressible flow	1975
19750008442	Calculation of three-dimensional supersonic flows past bodies of complex configuration	1975
19750008476	Gliders and the art of gliding	1975
19750008491	Experimental investigation of laminar turbulent transition at the test section walls of a wind tunnel	1975
19750008524	The significance of the ANS project for Dutch industry	1975
19750008571	Application of quantum mechanics methods to the study of oxidation reduction electrochemical reactions of metals and semiconductors	1975
19750008572	Polarographic analysis of oxide mixtures in melts	1975
19750008575	Electrolytic recovery of sodium from sodium-containing organoaluminum compounds	1975
19750008576	Water transport across cation-exchange membrane. 1: Experimental technique. Influence of the concentration and temperature on the water transport number	1975
19750008577	The kinetics of oxidation-reduction of vanadium ions on various electrodes	1975
19750008668	Fundamentals and applications of the rotating ring disk electrode	1975
19750008699	Supersonic fluid flow in radial diffusers of centrifugal compressors	1975
19750008716	Device for measuring the temperature fields of rotors of high rpm gas turbines	1975
19750008717	Application of high temperature film thermocouples in the study of the temperature fields of gas turbine engine elements	1975
19750008779	Advances in electrodeposition	1975
19750008783	The thermal and stressed states of rotors of centripetal gas turbines	1975
19750008832	Radar meteorology	1975
19750008869	Size of sand grain and critical wind velocity at which sands grains begin to move (continued)	1975
19750008881	Application of remote sensing for fishery resource assessment and monitoring	1975
19750008949	An automated system for interpreting gravitational anomalies (the minimization method)	1975
19750008985	Effect of extremal factors on the structure of the organs and tissues	1975
19750009002	Contribution to the question of the contamination of suspended substances filters by germs	1975
19750009003	Inhibition of germination of Actinomycetes spores in a stationary magnetic field	1975
19750009004	Frequency of differentiated sectored colonies among bacteria in suspension in the outside air observed over three years (its correlation with various parameters: Wolf's numbers, solar flux, geomagnetic activity, fluctuating phenomena)	1975
19750009013	Space mission in Tashkent	1975
19750009014	A scientific conference on the problem, Hypoxia during pathological processes caused by extreme factor, devoted to the 80th birthday of Academician of the Academy of Medical Sciences of the USSR	1975
19750009021	Motion perception. Report 1: Perception of minute movements	1975
19750009039	Inhabited space, part 1	1975
19750009083	Acoustic wave reflection in the subcritical section of a Laval nozzle	1975
19750009182	Man-earth-universe	1975
19750009184	Space technology, its influence on science and engineering	1975
19750009200	Soviet automatic interplanetary stations investigate Mars	1975
19750009208	Nuclear reactions in cosmic bodies	1975
19750009359	On the behavior of magnesium ions in silicate glasses	1975
19750009360	Organometallic electrolyte of high conductivity for cathodic deposition	1975
19750009401	Effect of aluminum on the properties of chromium-nickel steel	1975
19750009402	Effect of silicon, molybdenum, and copper on the pitting corrosion of steel 00Kh18N20	1975
19750009437	Mechanism of the interaction between two redox oxides in glass	1975
19750009634	Justification of the dynamic method of studying elastic systems	1975
19750009714	Wind power machines	1975
19750009715	Solar energy	1975
19750009716	Evaluation program for secondary spacecraft cells. Initial evaluation tests of Gulton Industries, Incorporated 6.0 ampere-hour nickel-cadmium spacecraft cells for the San Marco spacecraft	1975
19750009793	Studies of the equatorial anomaly in the F-region and the upper ionosphere with spherical ion traps on the Intercosmos-2 satellite	1975
19750009865	Life in orbit	1975
19750009866	The reaction of the resistive and capacitive vessels of the hand at the start of muscular exercise	1975
19750009875	Essays on the psychology of operator labor	1975
19750010062	Structure and conditions of the lunar interior	1975
19750010063	Globular star clusters	1975
19750010777	Meteorological interpretation of space photographs of the earth (quantitative methods)	1975
19750011025	Observations of plasmas in the Jovian magnetosphere	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750011107	Dynamics of the motion of a body with allowance for the unsteady state of the flow about it	1975
19750011110	Mechanics of optimum three-dimensional motion of aircraft in the atmosphere	1975
19750011151	Problems of designing passenger aircraft	1975
19750011201	Studies relative to the induction pressurized transonic wind tunnel. B: Start-up: Setting-up time	1975
19750011288	The preparation of silica aerogels from methylorthosilicate in an alcoholic medium and their properties	1975
19750011314	The determination of small amounts of fluorine	1975
19750011315	Mass spectrographic study of the evaporation products of alkaline earth carbonates	1975
19750011316	Electrochemical measurements in molten NaOH	1975
19750011506	Transport of water in cation exchange membranes. 2: Influence of polarization layers in natural convection	1975
19750011749	Wind motors: Theory, construction, assembly and use in drawing water and generating electricity	1975
19750011823	Relation between the wind and pressure fields in the stratosphere and lower mesosphere of the tropical region of the Northern Hemisphere	1975
19750011841	Relation between sand grains on reclaimed land of sand coast and wind velocity	1975
19750011842	Atmospheric processes in the 30-60 km layer during 1971-1973	1975
19750011875	Diurnal variations of the Achilles reflex time in normal man	1975
19750011876	Bicircadian period of sleep-waking cycle in beyond time isolation. A polygraphic study	1975
19750011887	Activity profile of piracetam in psychosyndromes and symptomatic psychoses	1975
19750011942	Effect of the magnetic field on the directional behavior of goldfish	1975
19750012088	The USA: The scientific and technical revolution and trends in foreign policy	1975
19750012090	Water transport across cation-exchange membranes. 3: Model for the interpretation of the influence of polarization layers on the water transport numbers	1975
19750012109	Magnetic field of Mars based on data from the Mars-5 satellite	1975
19750012110	Plasma in the antisolar region of near-Martian space according to the Mars-5 satellite measurement results	1975
19750012218	Lifting surface for aircraft	1975
19750012345	Active experiments in space	1975
19750012424	Amperometric titration of metal ions with EDTA using an oxide electrode as indicator. The lead (4) oxide electrode, manganese (4) oxide electrode and bismuth (5) oxide electrode	1975
19750012425	The oxide electrode, an indicator for EDTA in the amperometrical titration of metal ions: The thallium(3) oxide electrode, the nickel(3) oxide electrode and the cobalt(3) oxide electrode	1975
19750012426	Gas chromatography techniques: Applications in the area of fuels and their derivatives	1975
19750012427	Gas chromatographic method for obtaining distillation curves for petroleum product fractions automatically	1975
19750012534	A study on the common amplification of PM pulses by a double ladder type millimeter wave traveling wave tube	1975
19750012579	Hydrodynamic characteristics of pseudo-liquefaction of granular materials in conical and conico-cylindrical equipment	1975
19750012580	Problem of generalizing experimental data on heat transfer in the vicinity of the forward stagnation point of a cylinder positioned perpendicular to the flow	1975
19750012634	Assessment of the accuracy of a laser type Doppler flow meter with a Gaussian distribution of light beam intensity	1975
19750012686	Buckling of rectangular isotropic or orthogonal anisotropic plates under shear stresses	1975
19750012728	Satellite geodesy with lasers	1975
19750012924	Stabilization of locomotor activity rhythms of piglets introduced into a new environment	1975
19750012925	Ambulatory acupuncture treatment of patients with nocturnal urinary incontinence	1975
19750012932	Eye movements in human activity and its study	1975
19750012933	Fixation optokinetic nystagmus (FOKN) and its mechanisms	1975
19750012934	The problem of equilibrium in the weightless state	1975
19750012935	The state of weightlessness and protective measures	1975
19750012936	Spontaneous variability of blood pressure in patients with hypertension: Results of long term telemetric blood pressure measurements	1975
19750012946	Sleep patterns of workers on rotating shifts	1975
19750012947	Night and shift work of locomotive engineers. Second Report: Investigations on the organization of daily service schedules	1975
19750012948	Study of the characteristics of the visual perspective process by the FOKN methods	1975
19750012949	Fixated optokinetic nystagmus as an indicator of the role of vision in movements	1975
19750013091	Space research and scientific-technological progress	1975
19750013121	Venus	1975
19750013219	Studies relative to an induction pressurized transonic wind tunnel. A: Air pump performance; Circuit losses	1975
19750013233	Space: Road without end	1975
19750013234	Cosmonautics: Present and future (based on material from the foreign press)	1975
19750013237	The years of the space era	1975
19750013243	Before the meeting in space	1975
19750013266	Press conference on Apollo Soyuz test project: USA-USSR	1975
19750013313	Self-broadening of principal series lines of rubidium at high number densities	1975
19750013314	Spectron diffraction investigation of K ₂ SO ₄ , Cs ₂ SO ₄ and K ₂ CrO ₄ molecules in the gaseous state	1975
19750013315	Potential distribution in liquid flow-through porous carbon electrodes	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750013316	Determination of calcium, barium, zinc, sulfur and phosphorus in liquid hydrocarbons by X-ray fluorescence using the corrected intensities method	1975
19750013360	Effect of titanium, boron and molybdenum on the structure of austenitic 18/10 steel after solution heat treatment and sensitization	1975
19750013485	Difference schemes of improved accuracy for the numerical solution of some problems in aerodynamics	1975
19750013486	An explicit finite-difference scheme for solving the problems of flows past bodies by the finite difference method	1975
19750013566	Table of contents and abstracts of Mekhanika Mashin, no. 45, 1974	1975
19750013641	Relation between moisture content of sand and critical wind velocity at which sand grains begin to move	1975
19750013642	Motion of sand grains by wind	1975
19750013724	Wind power installations. Present condition and possible lines of development	1975
19750013857	Variations in internal temperature and heart rate as a function of metabolism and environment during positive and negative work	1975
19750013859	The thermoregulatory system: Regulated system or servo system?	1975
19750013860	Thermal conductivity of the human body during immersion at thermal neutrality and in a cold environment	1975
19750013861	Changes in rectal and cutaneous temperature during muscular exercise performed in air temperature between 10 degrees and 30 degrees C	1975
19750013862	Cutaneous circulation and thermal exchange at altitude (3800 m)	1975
19750013880	Conference of the information processing section of Interkosmos (collection of reports)	1975
19750014031	Electron emission currents of metals covered with atomic layers	1975
19750014046	Application of the normalized Vasicek method to nonabsorbing single vapor-deposited layers on glass carriers	1975
19750014183	Modern achievements of cosmonautics	1975
19750014247	Analysis of the velocity distribution at the blade tips of axial-flow compressors	1975
19750014314	Investigation of the stress-strain state of composite materials with a grid reinforcement	1975
19750014330	Determination of group composition of petroleum fractions in a liquid chromatograph	1975
19750014331	Analytical techniques using X-ray fluorescence spectrometry	1975
19750014332	Analysis of mineral oil by solid-liquid elution chromatography	1975
19750014333	Reactions of carbon dioxide with silicates under high pressures	1975
19750014381	The meaning of the basicity of glass melt and attempts to measure it, part 2	1975
19750014382	Observations about the structure of alkali silicate glasses and melts after the insertion of OH groups	1975
19750014383	The importance of basicity in glass melts and attempts at its measurement, part 1	1975
19750014490	Operation control system for aircraft	1975
19750014512	A direct voltage converter without transformer	1975
19750014550	Measurement of the parameters of gas-solid particle flows by optical methods	1975
19750014551	Unsteady motion of a thin foil in an incompressible fluid	1975
19750014552	Measurement of pressure in turbomachine impellers at high rotational velocities	1975
19750014619	Method and apparatus for the electric measurement of physical value, for example, measurement of mechanical stresses	1975
19750014832	Wind engines and wind installations	1975
19750014993	Variations in the ratio in vivo-fluorescence/alpha-chlorophyll and its application to oceanography. Effect of limiting different nutrients, of night and day and dependence on the species under investigation	1975
19750015007	Alimentary origin of nyctothermal variations in the electrical activity of the small intestine in the rat	1975
19750015034	Weightlessness, Medical and biological research	1975
19750015062	Life in weightlessness	1975
19750015063	Periods of maximum performance and circadian rhythm of physiological functions	1975
19750015064	Circadian fluctuations in the number of thrombocytes in patients with acute myocardial infarction	1975
19750015065	Circadian rhythm of physiological functions in clinostatic hypokinesia	1975
19750015066	Some peculiarities of intracardiac and intracerebral hemocirculation in patients suffering from rheumatoid arthritis	1975
19750015067	Fitness for air travel, the medical point of view	1975
19750015068	On rod and cone visual acuity	1975
19750015069	Studies and investigations. Daily variations of urinary excretion of 5-hydroxy-indole-acetic acid in normal subjects	1975
19750015070	Brightness sensation in indirect vision	1975
19750015071	Validity of determination of diurnal cortisol production rate by isotope dilution method	1975
19750015072	Aerobiocontamination emitted by a person placed in a laminar flux chamber	1975
19750015074	Experimental study of physiological variations in urinary sodium and potassium related to time zone changes	1975
19750015075	The effect of tryptophan on the somatotrophic hormone during sleep in schizophrenics	1975
19750015076	Diurnal variations of the physiological mobility of human teeth	1975
19750015077	Radiation and protection	1975
19750015092	Life and work onboard a space station	1975
19750015179	The P-2 sub 3/2: P-2 sub 1/2 partial photoionization cross section in the rare gases	1975
19750015359	Sudden day length variations in January 1974	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750015369	Processing of the results of the radar measurements of the Mars from the earth in 1971, applicable to the problems of radar altimetry	1975
19750015370	Processing of radar measurements of Mars from the Earth in 1971	1975
19750015374	Analysis of terrain conditions in the landing site of the Mars-6 automatic interplanetary station	1975
19750015461	High-capacity transport planes as modern air freight systems	1975
19750015549	The Apollo-Soyuz test flight	1975
19750015550	The Soyuz and Apollo spacecraft	1975
19750015553	In outer space	1975
19750015559	Operation of descent module of the Mars-6 automatic interplanetary station in the Martian atmosphere	1975
19750015561	Collection of problems on the dynamics of a point in a central force field	1975
19750015562	FORTTRAN program for calculating the trajectory of projectiles	1975
19750015564	Graphics of space mechanics analytical-graphical methods in space navigation	1975
19750015565	Essentials of the theory of flight and elements of designing artificial earth satellites	1975
19750015574	The Soyuz: Ready for flight	1975
19750015585	Airloads investigation of an 0.030-scale model of the space shuttle vehicle 140A B launch configuration (model 47-OTS) in the ARC 11-Foot Unitary Plan Wind Tunnel for Mach range 0.6 to 1.4 (IA14A), volume 3	1975
19750015586	Airloads investigation of an 0.030-scale model of the Space Shuttle Vehicle 140A/B launch configuration (model 47-OTS) in the ARC 11-Foot Unitary Plan Wind Tunnel for Mach range 0.6 to 1.4 (IA14A), volume 4	1975
19750015599	Pressures and elevations from CO ₂ band intensities based on measurements made on board the Mars-5 automatic interplanetary station (preliminary results)	1975
19750015624	Preparation and properties of tungsten-wire reinforced NiCr 80-20	1975
19750015652	X-ray analysis of metal traces in petroleum using ion exchange membranes	1975
19750015653	Variations in the work function of (100)W by the adsorption of oxygen, the adsorption of cesium and the coadsorption of oxygen and cesium	1975
19750015685	Diffusion layers formed in salt media and molten oxides	1975
19750015687	Studies on immiscible alloys	1975
19750015715	Investigation of the galvanomagnetic properties of graphite in magnetic fields up to 500 kOe at low temperatures	1975
19750015778	Functioning of power rectifiers and thyristors from 1 January 1970 to 31 December 1972, noting carrier injection, emitter shorts, ignition, and breakdown	1975
19750015817	Heat recovery systems for industrial furnaces, particularly coke ovens	1975
19750015851	Photometry in the 3200-9000 A range on board the Mars-5 automatic interplanetary station	1975
19750015854	Investigation of effects of vibration on a structure	1975
19750015856	Studies on measuring ultrasonic flow with the aid of the Doppler effect	1975
19750015857	Modern analytical measuring instruments	1975
19750015864	ITS-K infrared cryogenic telescope-spectro-meter aboard Salyut-4	1975
19750016158	French participation in the EXAMETNET program operational implementation	1975
19750016190	Physics of the sea and atmosphere	1975
19750016221	Soyuz-16: Biological experiments	1975
19750016244	Some procedural problems in automatic analysis of electrocardiograms	1975
19750016246	Spinal effects of an electrical vestibular stimulation in man	1975
19750016248	Hot air sterilization	1975
19750016249	Biological experiments on Salyut-4	1975
19750016250	The testing of peripheral vision	1975
19750016251	On rod visual acuity and cone visual acuity	1975
19750016252	Problems of space biology. Volume 26: Statistical analysis of the cardiac rhythm and hemodynamic indices in physiological research	1975
19750016254	Effects of muscular exercise on variation in plasma cortisol and glucose in normal males	1975
19750016255	Role of metabolic shifts in the pathogenesis of vestibular disturbances	1975
19750016289	Center for Technical Submarine Studies and Research	1975
19750016358	On the generalization of Kirchhoff formula	1975
19750016374	Organic analysis by nuclear magnetic resonance	1975
19750016407	Initial operation of Siemens superconducting prototype magnet W VII at the Plasma Physics Institute	1975
19750016434	Investigation of new dielectrics for miniaturized high-performance capacitors	1975
19750016534	Measurements of ion fluxes using RIEP-2801 M instrument on board Mars-4 and Mars-5 automatic interplanetary stations	1975
19750016539	Investigation of solar plasma near Mars and on Earth-Mars path by means of a charged-particle trap aboard Soviet spacecraft, 1971 - 1973. Part 3: Characteristics of plasma ion and electron components in the antisolar part of near-Martian space measured by Mars-5	1975
19750016540	Measurement of intensity and spectral characteristics of radiation in the Lyman-alpha line in the upper Martian atmosphere	1975
19750016541	Preliminary results of measuring water vapor content in planetary atmosphere from measurements on board the Mars-5 automatic interplanetary station	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750016542	Magnetic field of the planet Mars based on Mars-3 and Mars-5 satellite data	1975
19750016543	Preliminary results of research conducted aboard the Soviet Mars-4, Mars-5, Mars-6, and Mars-7 planetary probes	1975
19750016544	Experimental measuring composition of Martian atmosphere on board the descent module of the Mars-6 space station	1975
19750016545	Martian Atmosphere in the Landing Site of the Descent Module of Mars-6 (Preliminary Results)	1975
19750016546	Ozone in the planetary atmosphere from measurements on board the Mars-7 automatic interplanetary station	1975
19750016547	Polarimetric experiment on board Mars-5	1975
19750016548	Spectrophotometry of Mars in the 2-5 micrometer range on board the Mars-5 automatic interplanetary station	1975
19750016549	Infrared radiometry on board Mars-5	1975
19750016550	Results of geologo-morphological analysis of some photographs of the Martian surface obtained by the Mars-4 and Mars-5 automatic stations	1975
19750016551	Instrumentation and some results of photographic study on board the Mars-4 and Mars-5 automatic stations	1975
19750016552	Results of investigating the Martian atmosphere by radio-occultation using the Mars-2, Mars-4, and Mars-6 craft	1975
19750016553	Preliminary results of two-frequency radio-occultation of the Mars ionosphere by means of Mars planetary probes in 1974	1975
19750016568	New look of the old moon	1975
19750016573	Some results of investigation of solar cosmic rays on board Mars-7 station	1975
19750016582	Korolev: A chronicle	1975
19750016707	Cosmonautics and economics	1975
19750016725	Launch vehicles for spacecraft	1975
19750016738	Manual control of a spacecraft	1975
19750016739	Orbits of the future	1975
19750016772	Liquid cooling of components, such as rocket combustion chambers and methods of construction	1975
19750016793	The thermodynamic properties of carbides	1975
19750016795	Optical-acoustical method of gas analysis	1975
19750016796	An investigation of volatile substances emitted by polymers intended for various purposes	1975
19750016797	Method for infrared analysis of substances, especially gases, by selective absorption of one radiation beam, using equipment designed for this method	1975
19750016828	The manufacture of plate composite materials made of unalloyed steel, stainless metals and acid-resistant metals	1975
19750016867	Technique for determining the mechanical properties of flexible coatings and a basis for the selection of their design	1975
19750016885	Hydrocarbon power fuel from the gasoline boiling range	1975
19750017024	The hodograph method for axisymmetric nearsonic flows of gas	1975
19750017063	Determination of the effectiveness of air sterilization filters	1975
19750017092	Development of a laser Doppler system for the detection, tracking, and measurement of aircraft wake vortices	1975
19750017143	A study of unsteady vibrations of plates made of viscoelastic material	1975
19750017190	Fundamentals of satellite geodesy	1975
19750017195	The tertiary and quaternary volcanoes of the western and central Tibesti mountains (the Sahara, Chad)	1975
19750017293	Influence of the atmosphere on the spectral brightness and contrast of natural formations with spectrophotometric measurements of earth from space	1975
19750017333	Methods of investigating humidity at high altitudes	1975
19750017457	Sterilization of solutions in consideration of the dying kinetics of microorganisms and the destruction of substrates	1975
19750017466	SALYUT 4: Stadium in weightlessness	1975
19750017469	Radiation safety of cosmonauts	1975
19750017509	Two in space	1975
19750017523	The space kitchen: discussions between scientists and readers	1975
19750017525	The house in orbit	1975
19750017605	The curves of constant volume for continuous tones and for individual pressure impulses	1975
19750017713	Radio observations of interstellar CH, Part 1	1975
19750017729	The guiding center in a cell method in the three-dimensional problem on the interaction of the solar wind plasma with the conducting model of the moon (numerical experiment)	1975
19750017846	Design of aircraft wheels and brake systems	1975
19750017910	Technology in space	1975
19750017911	Space for the people of the 20th Century	1975
19750017912	Work of the cosmonauts A. A. Gubarev and G. M. Grechko in the station Salyut-4	1975
19750017917	Space navigation	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750017924	An investigation to verify the static stability and control effectiveness of the 0.004 scale model (74-0) of the shuttle 5 orbiter (0A108)	1975
19750017958	Process for the manufacture of parts with a silicon oxynitride base	1975
19750017988	Sterilization with ethylene oxide gas	1975
19750018077	Fuel for compression micromotors	1975
19750018078	Process for the production of highly pure methanol fuels with castor oil content	1975
19750018181	An electrical method for studying thyristor turn-on action	1975
19750018296	Laser induced thermal desorption on solid surfaces	1975
19750018400	LANDSAT: US standard catalog no. U-33	1975
19750018485	Relative concentration of water vapor in the mesosphere of the Arctic latitudes and mid-latitudes of the USSR as measured by radiofrequency mass spectrometers	1975
19750018560	Relationship between administration time of drugs and acute toxicity in mice	1975
19750018562	A month alone with chlorella	1975
19750018565	Redox transformations of nicotinamide-adeninedinucleotide in skeletal muscles during work and at rest	1975
19750018566	How's your health, cosmonaut?	1975
19750018567	Effect of lumisterol-3 on the calcium absorption in the gut and on the calcification of bone tissue	1975
19750018672	Riemann's method in the inverse problem of scattering theory, part 2	1975
19750018728	Sound measurement during complex noises, part 1	1975
19750018729	Volume production in binaural hearing of complex noises	1975
19750018750	The magnetic moment of the proton	1975
19750018854	National Aeronautics and Space Administration Authorization Act, 1976	1975
19750018879	Cosmic glow	1975
19750018887	Physics of the planet Venus	1975
19750018905	Problems of flight in turbulence	1975
19750018958	Modern Achievements of Cosmonautics	1975
19750018959	Conquest of Outer Space in the USSR in 1973 (According to Press Materials)	1975
19750018962	Salyut 4: Repair and maintenance work	1975
19750019223	Remarks on hydrodynamics	1975
19750019260	Current state and trends in the development of analytical instrument design	1975
19750019264	Mars-3: Photoelectric photometry with narrow-band filters in the 3700-7000 A range	1975
19750019272	Apparatus for automatic gas analysis and mass spectrometers	1975
19750019491	Carbon isotopes in oil-gas geology	1975
19750019642	On the directed monitoring of sterilization	1975
19750019643	Ca salts of the saccus endolymphaticus and processes of calcification of bones during normal and experimental metamorphosis in tadpoles of Bufo vulgaris, Rana dalmatina and Rana esculenta	1975
19750019644	Degradation of mitochondria in yeast induced by anaerobiosis at different growth phases	1975
19750019667	The prophylactic effect of head-cooling on coal miner's cramps. Report 2: The effect of head-cooling on coal miners under hot and humid environment	1975
19750019668	The composition of urine and feces in healthy subjects	1975
19750019691	The international orbital laboratory	1975
19750019693	The space watch in Salyut as on the earth	1975
19750019782	Hydrodynamic sound formation and sound propagation in a confined medium	1975
19750019818	Theoretical and experimental study of the depolarization of the Rayleigh radiation scattered by compressed rare gases	1975
19750019877	Organizing centralized aircraft component overhaul	1975
19750019897	NASA Authorization, 1976, Volume 3	1975
19750019901	Science in space stations	1975
19750019905	X-ray astronomy	1975
19750019916	Planetary magnetism	1975
19750019930	Visit of Russian journalists to American scientific centers	1975
19750019933	Aeronautical Engineering: A special bibliography with indexes, supplement 57	1975
19750020030	Salyut-4: Thermoregulatory system	1975
19750020155	Decomposition temperature of silicon nitride in the system Si ₃ N ₄ -C-N ₂ (1 atm)	1975
19750020302	Coaxial Spray Atomization in Accelerating Gas Stream	1975
19750020303	On the resistance mechanisms of fluids and air	1975
19750020336	An improved method for measuring the magnetic inhomogeneity shift in hydrogen masers	1975
19750020626	New Moscow hyperbaric-oxygenation barohospital	1975
19750020662	Schematics for Man-Computer Interactive Data Access System (McIDAS), Book 2	1975
19750020852	Antigorite: Structural theoretical fundamentals and their practical importance for further serpentine research	1975
19750020962	Experimental and Theoretical Investigations on the Problem of Propeller/Wing Interference up to High Angles of Attack	1975
19750021014	On an airplane in outer space	1975
19750021047	Calculation of aircraft engine turbines. (Gasdynamic calculation: Blade profiling)	1975
19750021053	Flight control and the effectiveness of an aviation system	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750021067	Soyuz 14: Salyut-3 flight	1975
19750021068	Study of outer space by reaction devices	1975
19750021069	Stellar Diary	1975
19750021070	A Month on Salyut-4	1975
19750021071	Mastery of outer space in the USSR, 1957 - 1967	1975
19750021098	Optimization of plane fin-tube radiator for spacecraft energy supply	1975
19750021141	Study of the quality of autonomous and separate control of monohydrate concentration and level in sulfuric acid plants	1975
19750021142	Theoretical aspects of the fundamental velocity of flames in the turbulent regime	1975
19750021164	Effect of oxygen impurity on the pressure-sintering of aluminum nitride	1975
19750021166	Reaction between refractory metals and insulating nitrides at high temperatures	1975
19750021172	Hot corrosion in burner gas at 1200 C	1975
19750021173	Study of zirconium-niobium-nickel system by local X-ray analysis	1975
19750021189	Process for the preparation of sintered ceramics on a silicon nitride basis	1975
19750021219	Study of methods to suppress self-excitation in O-type Traveling Wave Tubes (TWT)	1975
19750021279	The measurement of the thermal slip of gases	1975
19750021284	A new concept of modeling the process of heat transfer on surfaces with artificial roughnesses and microfins	1975
19750021285	The disturbance of the mixing region of two planar jets by means of a shock wave	1975
19750021312	Investigation of radiometers. 4. Experimental contributions to the examination of the theories of the common single-plate radiometer	1975
19750021460	Information content of the data obtained by remote sensing of the parameters of the environment and the earth's resources from space	1975
19750021562	Balloon sounding of the atmosphere	1975
19750021645	Chemical controls for sterilization in autoclaves	1975
19750021646	Chemical controls for dry heat sterilization	1975
19750021647	Space food preparation and packaging. A menu for cosmonauts and "space" bread	1975
19750021648	Certain characteristic features of flowering and pollination in duckweeds (Lemnaceae S. Gray)	1975
19750021649	Current status in aerospace medicine	1975
19750021652	A summary of Skylab findings of interest to life scientists	1975
19750021659	Resistance of Nadsoniella nigra var. hesuelica to the action of a high vacuum	1975
19750021666	The prophylactic effect of headcooling on coal miner's cramps. 1: Electroencephalographic observation on rabbits during head-cooling under the hot and humid environment	1975
19750021668	On the otoliths and their origin	1975
19750021669	Studies on the otoliths of the teleosts	1975
19750021684	Two men in space	1975
19750021685	Voices in orbit	1975
19750021699	Dinner for a cosmonaut	1975
19750021702	Newest methods of air distribution in conditioning systems on naval transport vessels	1975
19750021703	Vibration as an artificially created human factor of the environment	1975
19750021704	Status and prospects for the development of air conditioning for naval vessels	1975
19750021707	Robot manipulators	1975
19750021783	Allocation methodology. Distance determinations and population catchment determinations, and their applicability to practical planning	1975
19750021822	Plasma on earth and in space	1975
19750021895	A cosmic model of the biosphere	1975
19750021897	A course in practical astrophysics	1975
19750021898	Why are there so few X-ray stars?	1975
19750021906	Transformation in the atmosphere of solar radiation reflected from the ocean	1975
19750021907	Spectral structure of the field of solar radiation reflected by the ocean-atmosphere system	1975
19750022065	The lognormal frequency distribution of a random data flow	1975
19750022128	Considerations for the project of an aero-acoustical wind tunnel	1975
19750022140	Coupled radiating shock layers with finite rate chemistry effects. Part 2: Analysis of the interaction of ablating protection systems and stagnation region heating	1975
19750022149	Space Indicator: Optical studies of the atmosphere	1975
19750022190	Review on the structure of silicate melts	1975
19750022240	Test methods and results for eight samples of alkali-free steam cleaning agents and nine samples of alkaline lacquer and grease removing agents	1975
19750022405	Experimental investigation of the coefficient of friction in the turbulent flow of an incompressible fluid in the presence of an undulated wall	1975
19750022467	Balancing of rotating bodies by laser beam	1975
19750022495	Mechanics of machines	1975
19750022496	Electron microscope surface examination of the mechanisms of wear of specimens from tests with oils containing sulfur	1975
19750022567	Annual Review of Earth Observations from Space	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750022627	Dust in the atmosphere and near-earth space	1975
19750022632	On the microstructure of the wind velocity and temperature fields in the upper troposphere and lower stratosphere	1975
19750022694	The introduction of mycorrhizal fungi into forested areas of Veronezh region (oblast)	1975
19750022695	Species of fungi of the Hygrophoraceae family on the Velka Horka Hill near Mnichovo Hradiste	1975
19750022696	Space garden	1975
19750022700	Comparative anatomy of the audio-vestibular organ	1975
19750022702	Mapping of individual circadian rhythm	1975
19750022703	Effect of exogenous catecholamines on heart rate and thermoregulation in the hibernating hedgehog (<i>Erinaceus europaeus</i> L).	1975
19750022704	Higher nervous activity of man: Motivational-emotional aspects	1975
19750022724	Life support systems aboard the Soyuz-18-Salyut-4 flight	1975
19750022768	On the asymptotic properties of the solutions of the third-order linear differential equation	1975
19750022911	Comparative meteorology of planets	1975
19750022936	Calculation of the flow of a viscous compressible fluid around an obstacle of parabolic shape	1975
19750023054	Role of man in flight experiment payloads, phase 2	1975
19750023055	Role of man in flight experiment payloads, phase 2, appendix A	1975
19750023110	Program Selection, Modification and the Demonstration of a Baseline Trajectory Simulation for the LDEF Mission	1975
19750023226	Low-Cost, High-Performance, VLF Receiver Front-End	1975
19750023272	Recording of the polarographic "redox wave" on a stationary electrode by cyclic voltammetric method	1975
19750023308	Influence of a compliant surface on the characteristics of turbulent flow	1975
19750023309	Interaction between a shock wave and a vortex	1975
19750023310	Analysis of a numerical pressure measurement system	1975
19750023311	Determination of the formation pressure of bubbles in liquids	1975
19750023409	Acquisition and digital processing of environmental data	1975
19750023479	TERSSE: Definition of the total Earth Resources System for the Shuttle Era: Executive summary	1975
19750023485	Investigation of earth resources by space means. Part 1. Methods of measurement and processing of information	1975
19750023635	Biochemistry: Investigation of the polyphosphate-synthetase of <i>saccharomyces cerevisiae</i>	1975
19750023638	Role of the hypothalamic neurosecretory system in adaptive reactions of the body: Contribution to the problem of neurohormonal interactions	1975
19750023681	Life in the universe and man in space	1975
19750023682	Exobiology of the moon	1975
19750023798	Calculation of the initial thickness of the microlayer in nuclear boiling	1975
19750023891	The space activities of Spain	1975
19750023895	Zelenchukskaya telescope	1975
19750023916	From the past of meteorites	1975
19750023964	Convergence acceleration and shock fitting for transonic aerodynamics computations	1975
19750023969	Operative disturbance reporting for the commercial airplane	1975
19750024019	Performance improvement through controller-assisted aircraft design	1975
19750024078	The Story of the French Sounding Rocket Veronique	1975
19750024079	The use of rockets in Poland: Before 1940	1975
19750024080	Spacecraft charging investigation for the CTS project	1975
19750024130	Investigation of the adsorption of sulfoxides from dilute solutions	1975
19750024180	Vapor pressures and heats of sublimation of some high melting organic explosives	1975
19750024248	A method for determining electrochemico-kinetic parameters relating to the rotating disk electrode	1975
19750024253	Effectiveness of recursive filters in selecting moving targets	1975
19750024310	The behavior of transpired turbulent boundary layers	1975
19750024499	LANDSAT: US standard catalog no. U-36	1975
19750024542	An Assessment of the Impact of the Space Shuttle on Stratospheric Ozone Using a 3-D Photochemical Dynamical Stratospheric Model	1975
19750024654	Administration of ethanol in various doses: Levels of cerebral serotonin in rats	1975
19750024702	A microprocessor-based system for laboratory data acquisition	1975
19750024756	Third order, linear, homogeneous differential equation	1975
19750024818	Results of optimization calculations for a finned tubular fuel element in a gas-cooled heavy-water reactor	1975
19750024896	The 100 meter radio telescope for the Max Planck Institute for radio astronomy-Bonn	1975
19750024897	The 100 m radio telescope of the Max-Planck Institute	1975
19750024906	Estimating the accuracy of the theories of motion of the earth and Mars	1975
19750024929	Theory of induction of a heavily loaded propeller	1975
19750024932	Dependence of local interaction parameters on the Knudsen number	1975
19750024949	Conversion of formulas for the rectangular coordinates of conformal projections used in air navigation	1975
19750024979	Thermodynamic Investigation of Gas Turbines with Controlled Constant Volume Combustion	1975
19750024980	Optimum design of a bypass engine with flow mixing	1975
19750024988	Ballistic ranges and their applications in experimental research	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750024990	Data acquisition and electromagnetic damper systems for space shuttle ground wind loads test	1975
19750025063	Apollo-Soyuz test flight	1975
19750025067	Optimization of a program for determining space objects' trajectories when errors are present in the motion model	1975
19750025082	Interkosmos: Summer school for observers with laser satellite rangefinders	1975
19750025087	Salyut-4: Equipment and potentials	1975
19750025088	Baykonur-canaveral: A common program	1975
19750025119	Gel permeation chromatography and its application to petroleum analysis	1975
19750025246	Electrometric amplifier with intermittent feedback	1975
19750025249	Evaluation of the energy characteristics of nonstationary broadband random processes according to individual realizations	1975
19750025275	Bubbles in liquid: Euromech 7	1975
19750025276	Numerical calculations of the supersonic flow of a viscous fluid on a parabolic obstacle	1975
19750025277	Heat transfer through phase change and centrifugation application to turbine blade cooling	1975
19750025300	Quartz accelerometer with a capacitance-type motion sensor	1975
19750025326	Diffusion welding of various combinations of materials which are difficult to weld	1975
19750025327	Explosive-welded fiber reinforced materials: Status of technique and possibilities of development	1975
19750025494	Results of the world space research, 1966/67	1975
19750025563	Evolution of concepts of the origin of life, 1924 - 1974	1975
19750025564	Bacterial rhodopsin as a light energy converter	1975
19750025583	Progesterone and testosterone binding in human endometrium during pregnancy	1975
19750025584	Comparative aspects of photoreception of retinal protein complexes	1975
19750025585	Variation of intracardiac and intravascular temperature in man	1975
19750025586	Immune bactericidal and bacteriolytic reactions	1975
19750025763	Band grid filters for the long-wave infrared region	1975
19750025866	The urban geographical survey	1975
19750025901	Feasibility of viewing the Venus surface by means of bistatic radar	1975
19750025903	Estimation of the density of surface layer material of the Moon, Mars, and Venus	1975
19750025904	The new face of Mars	1975
19750025905	The moon: 15 years of space research	1975
19750025906	Stellar wounds of the earth and their diagnosis by geophysical methods	1975
19750040283	Evaluation of particulate contamination for unmanned spacecraft prelaunch operations	1975
19750051829	Soil sterilization effects on in situ indigenous microbial cells in soil	1975
19750058727	Quantitative relationship between airborne viable and total particles	1975
19750059400	Contamination control during acceptance testing of Mariner class spacecraft propulsion hardware	1975
19750060116	Thermochemical Characterization of Aircraft Interior Panel Materials	1975
19750064139	The correlation of the 24-hr pattern of rat plasma cortisol with the diurnal variations of certain tissue constituents involved in carbohydrate metabolism	1975
19750064147	Magnetic studies on meteorites	1975
19750064148	Compressor and fan wake characteristics	1975
19750064192	Investigation and studies of ultraviolet stellar spectra and associated instrumentation	1975
19750064194	Synthesis of aromatic secondary diamines	1975
19750064196	Control optimization, stabilization and computer algorithms for aircraft applications	1975
19750064200	Organosiloxy-transition metal polymers	1975
19750064203	Research in millimeter wave techniques	1975
19750064399	Airborne far infrared astronomy	1975
19750064429	Resonant Doppler velocimeter	1975
19750064517	Fracture mechanics of fiber reinforced composite materials	1975
19750064519	Lunar motion analysis	1975
19750064521	Infrared spectra of planetary atmospheres	1975
19750064523	Investigation of the difficulties associated with the use of lead telluride and other 2 - 5 compounds for thin film thermistors	1975
19750064524	Theoretical studies of nuclear-induced plasma kinetics	1975
19750064577	A proposal to continue studying low frequency hydromagnetic waves using ATS-1 data	1975
19750065072	Improvements to embedded shock wave calculations for transonic flow applications to wave drag and pressure rise predictions	1975
19750065074	The Lunar Science Institute semiannual status report, 1 July - 31 December 1974	1975
19750065561	Unsteady loads due to propulsive lift configurations	1975
19750065562	Technical problems related to orbital capture of passive objects	1975
19750065563	Quarterly progress report, 1 November 1974 - 1 February 1975	1975
19750065566	Hypersonic engine airplane integration	1975
19750065567	Spectroscopic observations of infrared lines normally obscured by atmospheric absorption	1975
19750065570	Semiannual progress report, 1 February - 31 July 1974	1975
19750065606	Comments on dayside reconnection	1975
19750065607	Semiannual progress report, 1 August 1974 - 31 January 1975	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750065608	An analytical study of effects of aeroelasticity on control effectiveness	1975
19750065609	Status report, 1 April 1974 - 31 January 1975	1975
19750065611	Semiannual progress report for the period 31 July 1974 to 31 January 1975	1975
19750065612	Study of the distribution of extra-ionic electron in semimetallic environments by nuclear quadrupole resonance technique	1975
19750065613	Studies in planetology, including the collection and interpretation of planetary information	1975
19750065619	The interaction of a shock wave and a turbulent boundary layer in axially symmetric internal flow	1975
19750065620	Cosmic and Solar Gamma Ray and Neutron Experiments	1975
19750065621	Air pollution from aircraft	1975
19750065688	A study of the delayed light emission of the products of ozonated rubrene	1975
19750066335	Semiannual status report, 1 Aug. 1974 - 1 Feb. 1975	1975
19750066336	Luminescence of nucleic acids and nucleic acids and nucleic acid bound dyes	1975
19750066337	Semiannual Status Report, 1 September 1974 - 28 February 1975	1975
19750066338	Polarization and time structure of Jovian decametric radiation	1975
19750066381	ICASE semiannual report, 1 September 1974 - 28 February 1975	1975
19750066382	Use of remote sensing for land use policy formulation	1975
19750066383	A study of the structural-acoustic response and interior noise levels of fuselage structures	1975
19750066384	Physical properties of molecular clouds	1975
19750066385	Basic noise research program	1975
19750066387	Astrometric astrophysical investigations of comets, minor planets, and satellites	1975
19750066388	Investigation of the basic foundations of masers and lasers	1975
19750066406	Investigation of high energy radiation from a plasma focus	1975
19750066432	Study of transonic flow over yawed wings	1975
19750066433	Stanford gyro relativity experiment	1975
19750066434	The unsteady response of an axial flow fan to inlet distortions	1975
19750066456	Semiannual report	1975
19750066459	Determination of the Effects of Nozzle Nonlinearities upon Nonlinear Stability of Liquid Propellant Rocket Motors	1975
19750066460	Semiannual report, 1 August 1974 - 1 February 1975	1975
19750066461	Progress report, 1 July - 31 December 1974	1975
19750066462	Definition of tire properties required for landing systems analysis	1975
19750066464	Radioactivities in returned lunar materials	1975
19750066465	Semiannual progress report, 1 July - 31 December 1974	1975
19750066466	Digital adaptive flight controller development	1975
19750066467	Annual status report, 1 January 1974 - 1 January 1975	1975
19750066469	Program of research in environmental modeling	1975
19750066470	Optical studies of galactic X-ray sources	1975
19750066471	Theoretical research on Titan, Saturn, and Uranus atmospheres and spectra	1975
19750066476	Solar wind interaction and Mariner 10 data	1975
19750066477	Progress Report, 1 August 1974 - 28 February 1975	1975
19750066478	A study of the redox photochemistry of a number of iron complexes	1975
19750066479	A review and preliminary evaluation of methodological factors in performance assessments of time varying aircraft noise effects	1975
19750066481	Semiannual report, 1 June - 30 November 1974	1975
19750066482	Models of the composition, structure and evolution of the lunar interior	1975
19750066483	Report on the lunar ranging at McDonald Observatory, 16 October 1974 - 11 February 1975	1975
19750066486	Composite impact strength improvement by fiber/matrix interphase	1975
19750066526	An assessment of the impact of the space shuttle on stratospheric ozone using a 3D photochemical-dynamical stratospheric model	1975
19750066527	Interplanetary scintillation observations with the cocoa cross radio telescope	1975
19750066529	Experimental and theoretical investigation of plasma radiation	1975
19750066534	Development of a high resolution ultrasonic sensor for the observation of particles in fluids	1975
19750066535	The effect of changing gravity and weightlessness on vasopressin control systems	1975
19750066536	Research program in nuclear and solid state physics	1975
19750066553	Program to stimulate graduate training, in the field of aeroacoustics	1975
19750066554	Task group of lunar nomenclature	1975
19750066555	Molecular weight: Property relationships of high performance polymers used for adhesives and composites	1975
19750066556	A high temperature wideband pressure transducer	1975
19750066558	Transition probabilities in multiply ionized atoms	1975
19750066597	HAL/S-FC user's manual	1975
19750066607	Confrontation of Lemaitre models and the cosmological constant with observations	1975
19750066635	Investigation of models for large-scale meteorological prediction experiments	1975
19750066636	Fundamental studies on electrolyte matrix processing	1975
19750066637	Spectroscopy of cosmic X-ray sources and of the solar corona	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750066638	Wing-body aerodynamic interference investigation fuselages of general cross section	1975
19750066639	Analysis of lunar evolution, with emphasis on differentiation and dynamics	1975
19750066640	Semiannual progress report, 31 March 1974 - 31 January 1975	1975
19750066641	Digital adaptive flight controller development	1975
19750066642	Stress in tensy factors for cracks emanating from holes in plates	1975
19750066643	The aerodynamic of bird flight	1975
19750066645	Research on gravitational physiology	1975
19750066646	Determinaiton of the light ion abundances in the strong-helium star HR 3089	1975
19750066648	Dynamic and photometric investigation of cometary type 2 tails	1975
19750066649	Research on spacecraft electrical power conversion	1975
19750066650	Studies of the effects of gravitational and inertial forces on cardiovascular and respiratory dynamics	1975
19750066651	A study of lunar models based on Apollo and other data	1975
19750066652	Electrom-impact excitation of molecular nitrogen	1975
19750066653	Infrared spectra of molecules and materials of astrophysical interest	1975
19750066654	Investigation of corona and electrical discharges on degradation to insulation materials	1975
19750066667	Semiannual progress report, 1 October 1974 - 1 April 1975	1975
19750066668	Annual progress report	1975
19750066669	NASA static propeller	1975
19750066670	Semiannual progress report, 1 September 1974 - 28 February 1975	1975
19750066671	Support of American participation in the French rocket astronomy program, Faust	1975
19750066672	The study of the physics of cometary nuclei	1975
19750066673	An experimental investigation of skin friction drag reduction	1975
19750066674	Inelastic behavior of advanced composite materials (boron and graphite epoxy)	1975
19750066675	Hypersonic research engine project. Phase 2: Structures assembly model test plan	1975
19750066676	Studies in matter antimatter separation and in the origin of lunar magnetism	1975
19750066677	Further tests of plant canopy reflectance models and investigation of non-Lambertain properties of plant canopies	1975
19750066678	Line blanketing in Vega and Sirius	1975
19750066679	Heavy ion fragmentation experiments at the Bevatron	1975
19750066680	Radiative transfer in realistic planetary atmospheres	1975
19750066681	High temperature kinetics studies of combustion processes by the shock tube technique	1975
19750066682	Investigation of inlet noise suppression using high subsonic Mach numbers	1975
19750066683	A dual-model generalized likelihood ratio approach to self-reorganizing digital flight control system design	1975
19750066684	Semiannual status report, 1 October 1974 - 30 March 1975	1975
19750066686	Processing electrophysiological signals for the monitoring of alertness	1975
19750066687	Outer planet satellite studies	1975
19750066689	Transport of trace contaminants through porous media	1975
19750066691	A program of data synthesis from the ALSEP/CPLLE, ALSEP/SIDE, and Explorer 35 magnetometer to investigate lunar terminator and nightside particle fluxes and surface interactions	1975
19750066802	Investigation of the unsteady pressure distribution on the blades of an axial flow fan	1975
19750066876	Research on the sonic boom and other aerodynamic characteristics of future air and space transportation systems	1975
19750066892	Semiannual Report, 1 September 1974 - 28 February 1975	1975
19750066897	Strength criteria for composite materials	1975
19750066899	A general algorithm using finite element methods for aerodynamic configurations in incompressible flows	1975
19750066901	Research at the Stanford Center for Radar Astronomy	1975
19750066903	Stripping-mechanism dependence of the Ar 2s fluorescence yield	1975
19750066904	The solar atmosphere and the structure of active regions	1975
19750066905	Research in solar ultraviolet spectroscopy	1975
19750066908	Research summary, 1 November 1973 - 30 April 1975	1975
19750066909	Studies of basic mechanisms occurring in high pressure gases, applications to high efficiency high power lasers	1975
19750066910	Interdisciplinary materials research	1975
19750066915	Isothermal blast wave model of supernova remnants	1975
19750066916	A sudden increase in the X-ray flux from Centaurus A	1975
19750067102	Analysis and photometry of TiO and ZrO spectra	1975
19750067554	Acoustical theory of turbulence	1975
19750067555	Optical integrated circuits passive and active elements	1975
19750067556	Rocket and laboratory studies in aeronomy and astrophysics	1975
19750067557	Unsteady loads due to propulsive lift configurations	1975
19750067558	The analysis of the pilot's cognitive and decision processes	1975
19750067559	Elemental abundances in meteoritic and terrestrial matter	1975
19750067560	Ion implanted infrared sensor arrays	1975
19750067562	Investigation of the Multiple Model Adaptive Control (MMAC) method for flight control systems	1975
19750067565	Research studies of stellar chromospheres and coronas	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750067566	Refined methods of aeroelastic analysis and optimization	1975
19750067567	Analysis of organic matter in sediments and meteorites and paleochemical studies of extinct and contemporary life forms	1975
19750067568	Energy release in solar flares based on OSO-5 data	1975
19750067570	Development and investigation of single scan TV radiography for the acquisition of dynamic physiologic data	1975
19750067645	Effect of acoustic excitation on the structure of turbulent flows	1975
19750067817	Semiannual report, September 1974 - February 1975	1975
19750067818	Sonic boom research	1975
19750067819	An analytical study of the influence of aeroelasticity on the stability and control of tilt/propeller aircraft and application of feedback to control of the dynamic response characteristics	1975
19750067827	Semiannual status report, 1 November 1974 - 30 April 1975	1975
19750067828	Graduate engineering research participation in aeronautics	1975
19750067829	Infrared laboratory studies of synthetic planetary atmospheres	1975
19750067830	An X-ray photoelectron spectroscopy study of nickel and nickel base alloy surface alterations in simulated hot corrosion conditions with emphasis on eventual application to turbine blade corrosion	1975
19750067836	Study of the flow near the foot of the weak shock terminating a region of supersonic flow	1975
19750067837	Rocket engine thrust chamber wall temperature distribution calculation and analysis	1975
19750067839	Apollo/Soyuz test project, mission requirements CSM111/DM-2 change C (NASA)	1975
19750067845	The analysis of plasma ions by means of mass-energy spectroscopy and single-particle detection	1975
19750067846	Development of a dosimeter for distributed body organs	1975
19750067847	Generation of scattering aerosol for laser velocimetry applications to subsonic wind tunnels	1975
19750067848	Radiation measurements from polar and geosynchronous satellites	1975
19750067849	Infrared spectra of molecules and materials of astrophysical interest	1975
19750067850	Development of ride quality criteria for mass transit systems	1975
19750067860	Space processing convection evaluation	1975
19750067884	Analysis of microwave radiometer measurements of a water tank surface	1975
19750068091	Stanford gyro relativity experiment	1975
19750068357	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1975
19750068358	Semiannual status report	1975
19750068359	Structural dynamics, stability and control of helicopters	1975
19750068360	Precision selenodesy and lunar libration from VLBI observations of ALSEPS	1975
19750068361	Large, high resolution integrating TV sensor for astronomical applications	1975
19750068374	Gluconeogenesis and glycogenolysis: The 24-hour pattern and correlation of several physiologic functions. The effects of timing of a single daily meal on locomotor patterns of rats	1975
19750068704	C141 telescope report	1975
19750068705	Evaluation of extended set theory as a tool for information processing and data management	1975
19750068706	Quarterly progress report, 1 February - 1 May 1975	1975
19750069083	Development of high-temperature materials for solid propellant rocket nozzle applications	1975
19750069107	Microprocessor operation and evaluation	1975
19750069108	A research project to develop a self-instructional component on basic materials science for orientation to space-age technology	1975
19750069160	Analysis of some properties of aerosols collected from solid fuel rocket exhausts and from the natural stratosphere	1975
19750069200	Coordinated design of coding and modulation systems	1975
19750069214	Synthesis of aromatic secondary diamines	1975
19750069226	The potential role of the helicopter in urban transportation	1975
19750069227	Study of optical properties of X-ray sources	1975
19750069228	Photography and photometry of the near infrared OH airglow	1975
19750069229	Phosphazenes as ultraviolet-resistant polymers	1975
19750069269	Antipodes on the moon	1975
19750069270	Magnetic field in the Bay Le Monnier according to data of Lunokhod-2	1975
19750069282	The investigation of carbon dioxide absorption on Mars and Venus	1975
19750069284	Dustsonde support for clear air turbulence and air pollution studies	1975
19750069291	Launch vehicle catalog of tests and operations	1975
19750069296	Analysis of nuclear induced plasmas by means of kinetic theory	1975
19750069297	Anelastic models of fault zone tectonics and their measurement by space techniques	1975
19750069298	Interpretation of remote sensing data in the Bayou LaFourche Delta of South Louisiana	1975
19750069301	Mechanisms of alertness attention and information processing in man	1975
19750069305	Viking Mars news conference	1975
19750069386	Interim report, period ending 31 May 1975	1975
19750069396	Solar wind physics: The charge spectrum of positive ions in a hydrogen aurora	1975
19750069425	Further laboratory study of the diffuse reflectance spectra of frosts occurring on astronomical objects	1975
19750069433	The on-board determination of the orbit of a satellite using Chebyshev series	1975
19750069440	Prediction of cryogenic heat pipe performance	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750069441	Microwave diagnostic instrumentation for steady-state plasma	1975
19750069454	Development of criteria for assessment of analytical models for liquid rocket performance and stability	1975
19750069582	Thermal radiation from interplanetary dust	1975
19750069583	Unsteady loads due to propulsive lift configurations	1975
19750069612	Technical problems related to orbital capture of passive objects	1975
19750069613	Chemical aspects of the origin of the solar system	1975
19750069645	Application of Hamilton's law of varying action	1975
19750069647	An exploratory investigation of the cooling drag associated with general aviation propulsive systems	1975
19750069648	Transition probabilities in multiply ionized atoms	1975
19750069649	The deuterium abundance of the Orion Nebula	1975
19750069650	Remote measurement of atmosphere trade constituents	1975
19750069812	Accidental non-ideal explosions	1975
19750069820	Lunar laser ranging data deposited in the national space science data center: Filtered observations for July - December 1973 and unfiltered photon detections for January - June 1974	1975
19750069822	Quantitative studies of hair cells and nerve endings in the maculae and cochleae of animals, and in the vestibular and cochlear nuclei	1975
19750069823	Multi-fiber composites	1975
19750069825	Semiannual report, 1 February - 1 August 1975	1975
19750069826	Effect of adherend surfaces on adhesion	1975
19750069849	Generated gas system for pumping propellants	1975
19750069930	ETS-1 control point general indoctrination course, volume 2	1975
19750069931	ETS-1 console operations manual: Lead Reactor Engineer LRE	1975
19750070050	Polyimides systems research	1975
19750070062	Hypersonic research engine project, phase 2A computer program for annular nozzle optimization	1975
19750070066	Crack growth in bonded elastic half planes	1975
19750070068	Study of the far-infrared lattice properties of gallium arsenide	1975
19750070072	Semiannual status report	1975
19750070073	Resonant Doppler velocimeter	1975
19750070074	Semiannual report, 1 September 1974 - 1 March 1975	1975
19750070075	Spectroscopy of cosmic x-ray sources and of the solar corona	1975
19750070076	A study of escape gas and polymeric film formation on metallic surfaces: Characterization of adhesion and adsorption phenomena in semimetallic environments	1975
19750070093	Research on gravitational physiology	1975
19750070094	Hydraulic resistance of cooling fins	1975
19750070095	GEOS 3 laser tracking campaign quick-look laser data catalog, April - July 1975	1975
19750070098	The aerodynamics of bird flight	1975
19750070110	Aeronautics and air transport	1975
19750070111	Study of the distribution of extra ionic electrons in semi-metallic environments by nuclear quadrupole resonance technique	1975
19750070119	Effects of the antimicrobial furnace on Fundulus heteroclitus embryos	1975
19750070120	NASA obligations to educational institutions. Fiscal year 1975 including FY 59 - FY 75 summary data	1975
19750070123	Design, development, fabrication, test and delivery of two (2) electrohydraulic servo-valves	1975
19750070125	Progress report, 1 March - 30 September 1975	1975
19750070126	Optical studies of galactic X-ray sources	1975
19750070130	ASTP Crew Post Launch Press Conference	1975
19750070148	Theoretical studies of nuclear-induced plasma kinetics research	1975
19750070149	Semiannual status report, 1 March - 31 August 1975	1975
19750070150	Lunar laser ranging project	1975
19750070151	Final technical report, 1 September 1974 - 31 August 1975	1975
19750070152	Radioactivities in returned lunar materials	1975
19750070158	Semiannual progress report, 1 April - 1 October 1975	1975
19750070159	HAL/S-360 user's manual	1975
19750070384	Galactic and extragalactic infrared line emission	1975
19750070387	Lunar ranging at McDonald Observatory for the period 12 February to 9 June 1975	1975
19750070395	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation	1975
19750070420	Sensor for measuring instantaneous angle of attack of helicopter blades	1975
19750070421	The investigation of optimal discrete approximations to real time flight simulations	1975
19750070422	Theoretical investigation of isotopic anomaly of xenon in carbonaceous chondrites and other terrestrial and extra-terrestrial samples	1975
19750070444	Measurement of the ground wind structure	1975
19750070451	The unsteady response of an axial flow fan to inlet distortions	1975
19750070452	ICASE semiannual report, 1 March - 31 August 1975	1975
19750070453	Research in numerical computations	1975
19750070454	Research on spacecraft electrical power conversion	1975
19750070466	Optical identification of A0620-00	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750070467	Redundancy in self reorganizing systems: A geometric formulation	1975
19750070468	Infrared spectra of molecules and materials of astrophysical interest	1975
19750070469	Research in particles and fields in space	1975
19750070470	Interaction of radiation with planetary gases	1975
19750070472	Quarterly progress report, 1 May - 1 August 1975	1975
19750070473	Infrared instrumentation and astronomy	1975
19750070475	Radiative transfer model for nonhomogeneous atmospheres	1975
19750070479	Semiannual progress report, 1 March - 31 August 1975	1975
19750070813	Quarterly progress report, 1 August - 1 November 1975	1975
19750070814	Analysis of UF6 breeder reactor power plants	1975
19750070829	Dynamical studies pertaining to solar system origin and evolution	1975
19750070886	NASA'S technology utilization program: Publications and services available to industry	1975
19750070973	Aerospace digital communications	1975
19750071362	Optical data processing study	1975
19750071363	Radiative transfer in realistic planetary atmospheres	1975
19750071364	Interdisciplinary materials research	1975
19750071365	Growth of single crystals by vapor transport in zero-gravity environment (ground-based experiments)	1975
19750071366	Theoretical and experimental studies of atmospheric structure and dynamics, using high altitude chemical release, radio meteor, and meteorological rocket network and other data	1975
19750071372	A unified metabolism detector for Mars	1975
19750071373	High pressure pulsed capillary viscometry, part 2	1975
19750071374	Progress report	1975
19750071375	International Symposium of Macromolecules in honor of Professor Herman F. Mark	1975
19750071376	A study in jet noise	1975
19750071377	Investigation of stimulated scattering processes as possible mechanisms in laser induced damage in nonlinear optical materials	1975
19750071378	Analysis of microwave radiometer measurements of a water tank surface	1975
19750071379	Study of the flow near the foot of the weak shock terminating a region of supersonic flow	1975
19750071380	Acoustic theory of turbulence	1975
19750071381	Biomedical investigation of peripheral blood flow as a thermoregulatory function	1975
19750071382	Modern astronomical instrument development	1975
19750071383	Hydrogen transport in alpha titanium	1975
19750071385	Modern astronomical instrument development	1975
19750071386	Calibration of electron energy spectrometers	1975
19750071387	Program of research in flight sciences	1975
19750071388	Semiannual report, 1 December 1974 - 31 May 1975	1975
19750071389	Research at the Stanford Center for Radar Astronomy	1975
19750071390	Attunement of a radiative-conductive-convective transfer model of the scattering dust-laden Martian atmosphere to Mariner 9 Iris, IRR and S-band occultation data for integrative reinterpretation	1975
19750071391	Magnetospheric structure and radiation mechanisms of pulsars	1975
19750071424	The Mutual Coupling Between Slots on an Arbitrary Convey Cylinder	1975
19750071425	Theoretical and experimental studies of atmospheric structure and dynamics, using high altitude chemical release, radio meteor, and meteorological rocket network and other data	1975
19750071452	Meteorological register	1975
19750071459	NASA-VPI and SU Cooperative Program in Composite Materials Research and Education	1975
19750071460	Research in space related areas in engineering and applied science	1975
19750071461	Applied Remote Sensing Program (ARSP)	1975
19750071462	Application of remote sensing to state and regional problems	1975
19750071475	A bibliography of technology assessment	1975
19750071477	The role of turbulence in vortex wake decay	1975
19750071488	Research in solar ultraviolet spectroscopy	1975
19750071495	Examples of plasma flows within the earth's magnetosphere	1975
19750071498	Multidisciplinary research in space sciences and engineering	1975
19750071499	Graduate study research program in aeronautics and air transportation systems	1975
19750071525	Input to NRDS effluent data bank. NERVA technology program	1975
19750071550	ETS-1 control point general indoctrination course, volume 3	1975
19750071571	Preliminary computer requirements	1975
19750071572	NERVA detail specifications	1975
19750071896	The influence of minor gaseous constituents on the kinetics of hydrogen transport through plain carbon steel	1975
19750071910	Development of capabilities for stall/spin research	1975
19750071912	Vibrational structure in the photoelectron spectrum of O ₂ (2+)Sigma sub g(-)	1975
19750071944	Mineralogic and petrologic study of returned lunar soil	1975
19750072238	Summary of VAK 191B aircraft development program	1975
19750072248	Cruising-engine intake system: Model tests and summary	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072273	Secondary forces and moments due to power plant jet effects	1975
19750072277	Aerodynamic characteristics at Mach numbers from 1.75 to 2.96 of a slender missile with cruciform wing controls with interdigitated simulated-inlet nacelles (U)	1975
19750072278	VAK 191B, Project aerodynamics	1975
19750072279	Flight handbook for the VAK 191B	1975
19750072281	B-1 aft nacelle flow visualization study	1975
19750072300	Geodynamics experimental ocean satellite-C (GEOS-C) prelaunch report	1975
19750072304	Design and development of pressure and repressurization purge system for reusable space shuttle multilayer insulation systems	1975
19750072308	CAMAC and NIM systems in the space program	1975
19750072309	Shuttle frequency division multiplexer evaluation for shuttle development flight instrumentation	1975
19750072311	SEPS guidance and navigation autonomy analysis	1975
19750072312	Mission roles for the Solar Electric Propulsion Stage (SEPS) with the space transportation system. Volume 4: Traffic model and flight schedule analysis techniques and computer programs	1975
19750072313	Optimization of propellant usage for the space tug vehicle	1975
19750072316	Autotensiomat-derived surface tension/temperature curves for various satellite working fluids	1975
19750072317	RF acquisition test report	1975
19750072341	Skylab endocrine-metabolic experiment data analysis. Volume 1: Technical summary	1975
19750072343	Operation manual for 30-inch diameter spherical integrator source for the AVHRR on Tiros-N	1975
19750072345	Baltimore applications project	1975
19750072346	Skylab endocrine-metabolic experiment data analysis. Volume 2: User's guide for the biostatistical data analysis system	1975
19750072347	Application of engineering cost analysis	1975
19750072348	Radial distribution of meteoric particles in interplanetary space	1975
19750072349	Lunar science 6: Supplement abstracts of papers submitted to the Sixth Lunar Science Conference	1975
19750072352	Temperature dependence of emission measure in solar X-ray plasmas. 2: Flare-produced X-ray plasmas	1975
19750072353	Techniques Used for Determination of Static Source Position Error of a High Altitude Supersonic Airplane (U)	1975
19750072354	Effect of inlet cowl external profile and external stores on the drag of a fighter airplane model with two-dimensional ramp inlets (U)	1975
19750072357	Design of advanced composite ailerons on transport aircraft: Summary report	1975
19750072358	Design of advanced composite ailerons on transport aircraft: Design report	1975
19750072359	Design of advanced composite ailerons on transport aircraft. Production and flight service evaluation plan	1975
19750072365	V/STOL Lift Fan Commercial Short Haul Transports - Conceptual Design Study of Operationally Reliable Fan	1975
19750072366	Advanced supersonic technology liquid hydrogen concepts study	1975
19750072368	Analysis of B-52 aeroelastic model stability augmentation systems	1975
19750072369	Section 2.5.3: Automatic pilot (excerpts from summary of the VAK 191 aircraft development program)	1975
19750072370	Launch site multi-use mission support equipment	1975
19750072372	Pioneer Jupiter orbiter with entry probe PJOp	1975
19750072377	Space shuttle Solid Rocket Booster (SRB) rigid body water impact loads analysis method	1975
19750072380	Polarographic and spectrophotometric studies of the microquantities of metals and porphyrins in petroleum and their derivatives	1975
19750072382	Study of multilayered insulation pipe penetrations, volume 1	1975
19750072383	Calibration of STDN antenna systems using stellar radio sources	1975
19750072384	LST longrange planning and scheduling system	1975
19750072386	Global measurements of the SiO ₂ emissivity band strength from Nimbus 4 IRIS	1975
19750072387	The periodicity of REM-sleep: Experimental and theoretical considerations	1975
19750072388	Current understanding of the phylogeny of some fossil calcareous algae	1975
19750072392	Energy balance in a magnetically confined coronal structure observed by OSO-7	1975
19750072393	A guide to management of OAST experimental programs at Ames Research Center (Experimental Shop Concept)	1975
19750072396	Studies of the impact of advanced technologies applied to supersonic cruise aircraft: Executive summary	1975
19750072397	Studies of the impact of advanced technologies applied to supersonic cruise aircraft. Task 4-2: Cruise speed selection study	1975
19750072398	Studies of the impact of advanced technologies applied to supersonic cruise aircraft. Task 4-1: Reduction of supersonic jet noise by over-the-wing engine installation	1975
19750072400	Orbiting Solar Observatory-1 attitude prelaunch and analysis report	1975
19750072401	A user's guide for satellite to satellite system observations and data formats	1975
19750072402	Low cost modular spacecraft description	1975
19750072404	Applications Technology Satellite ATS-6 continuing experiment and spacecraft evaluation report	1975
19750072405	Vacuum-jacketed ducting technology investigation	1975
19750072406	Space shuttle: Gust loads study	1975
19750072409	Investigation of crystal growth from solutions	1975
19750072410	Study of multilayered insulation pipe penetrations. Volume 3: Long term storage of cryogen	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072411	The counter-compressor for the HEAO-A source encoder	1975
19750072412	Integrated L-band experiment. Phase 1: Fall campaign	1975
19750072413	Radio relay link antennas for outer planets atmospheric entry probes	1975
19750072414	Design and development of a high altitude sampling compressor. Phase 1: Development of first stage valve system	1975
19750072415	Phase 2 test results for fittings supplied by company designated A, volume 2	1975
19750072416	Phase 2 test results for fittings supplied by company designated B, volume 2	1975
19750072417	Phase 2 test results for fittings supplied by company designated C, volume 2	1975
19750072418	Phase 2 test results for fittings supplied by company designated D, volume 2	1975
19750072419	Phase 2 test results for fittings supplied by company designated E, volume 2	1975
19750072420	Phase 2 test results for fittings supplied by company designated F, Volume 2	1975
19750072421	Phase 2 test results for fittings supplied by company designated G, volume 2	1975
19750072422	Phase 2 test results for fittings supplied by company designated H, volume 2	1975
19750072423	Phase 2 test results for fittings supplied by company designated J, volume 2	1975
19750072424	Automatization of bacteriological analysis of water, 1	1975
19750072425	X-ray astronomy at Goddard: The first decade	1975
19750072426	Rome-GSFC magnetic field experiment for Helios A and B	1975
19750072427	Three-dimensional interplanetary stream magnetism and energetic particle motion	1975
19750072428	Ground effect of jet-supported vertical takeoff aircraft, part 1	1975
19750072429	Ground effect of jet-supported vertical takeoff, part 2	1975
19750072433	Effect of various wing high lift devices on the longitudinal aerodynamic characteristics of a swept wing fighter model at transonic speeds (U)	1975
19750072434	Simulation of advanced baseline configuration aircraft (U)	1975
19750072449	Aviation safety research and technology/hazard avoidance and elimination	1975
19750072450	Benefit/cost comparison of alternate short-haul transport concepts	1975
19750072451	Development plan for an experimental AH-1G Vee-Tail configuration	1975
19750072453	Multivariate Analysis, Retrieval, and Storage system (MARS). Volume 2: Military flight vehicle data base (by vehicle)	1975
19750072454	Multivariate Analysis, Retrieval, and Storage system (MARS). Volume 3: Transport vehicle data base (by vehicle)	1975
19750072455	Advanced supersonic configurations studies using multicycle engines for civil aircraft	1975
19750072457	The effect of a positive pitching moment increment on the simulated aerial combat capability of the F-4 aircraft (U)	1975
19750072460	Data support for avionics cost estimating techniques	1975
19750072462	Studies of the impact of advanced technologies applied to supersonic cruise aircraft. Task 4-3: Preliminary propulsion assessment study, appendix A	1975
19750072464	Symbols relating to aircraft engines	1975
19750072467	Considerations in establishing criteria for V/STOL airport siting, planning and design	1975
19750072469	Postflight analysis for Delta program mission no. 105: Skynet-2B mission	1975
19750072470	The rate of change of illumination for a satellite entering or leaving the earth's shadow	1975
19750072477	Effect of a drag model using a variable projected area on the orbit of the Beacon-Explorer C satellite	1975
19750072478	Support of EOS systems definition study prime contractors	1975
19750072496	Analysis and derivation of cost estimating relationships and trends for airframe structural elements of advanced space transportation systems	1975
19750072497	Two way optical data link, volume 1	1975
19750072498	Two way optical data link, volume 2	1975
19750072499	Two way optical data link. Volume 3: Appendices	1975
19750072500	The HEAO-A source encoder testing and calibrating system	1975
19750072501	Spacecraft radio frequency listing, volume 14, no. 2 (mission and data operations directorate)	1975
19750072507	Catalog of spacecraft hardware	1975
19750072508	Space Transportation System Payload Utilization Model (STSPUM): Final requirements specification document	1975
19750072509	Space transportation system payload utilization model	1975
19750072510	Component load reduction and cavity collapse pressures associated with SRB water entry	1975
19750072511	Space system cost model, volume 1	1975
19750072512	ISEE-A/B spacecraft separation and collision dynamics	1975
19750072513	A method of estimating zero level offsets for a dual magnetometer with flipper on a slowly rolling spacecraft: Application to Mariner 10	1975
19750072514	The high energy X-ray detector on the last orbiting Solar Observatory, OSO-8	1975
19750072517	A precision orbit raising computer program	1975
19750072527	Absolute rate constant for the reaction of atomic hydrogen with acetylene over an extended pressure and temperature range	1975
19750072530	Design guidelines for hybrid microcircuits. Organic adhesives for hybrid microcircuits. Appendix: Modified guideline specification for the selection of organic adhesives for high reliability hybrid microcircuits	1975
19750072531	Advanced supersonic technology liquid hydrogen concepts study, volume 1	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072534	Determination of the properties of dielectric layers on dielectric substrates by the method of radiowave ellipsometry	1975
19750072536	Near-field antenna focussing	1975
19750072537	Design, processing, and testing of LSI arrays for space station	1975
19750072538	Air generator phi 30 mm - 800 kVA test program at Nogent-le-Roi. Preliminary report (fifteenth run) objective of tests	1975
19750072540	Contract to design, fabricate and test an Electron Bombarded Semiconductor (EBS) device	1975
19750072541	Development of a three-dimensional, time-dependent flow field model	1975
19750072542	Space Processing Applications Convection Evaluation (SPACE)	1975
19750072543	Electrophoresis experiment design for space	1975
19750072544	LST scientific instruments requirements for preliminary design	1975
19750072545	LST scientific instruments requirements for preliminary design, addendum 1	1975
19750072547	A feasibility study of a sensitive gravitometer based on Mossbauer resonance phenomenon	1975
19750072548	Device for measuring strains at high temperatures	1975
19750072550	Ultra fine sun sensor, phase B	1975
19750072551	Tape tracking and handling for magnetic tape recorders	1975
19750072554	Development of a method for fabricating metallic matrix composite by a continuous mechanical process	1975
19750072555	Aero-engine-towers: Computation of self-vibrations	1975
19750072559	VLBI observation strategy for estimation of polar motion and UT1	1975
19750072565	Geopotential modeling by binary sample functions	1975
19750072566	Data base design and maintenance for the resource utilization monitoring system for the large area crop inventory experiment: Recommended approach	1975
19750072567	The resource utilization monitoring system for the large area crop inventory experiment: A recommended approach	1975
19750072568	Remote sensing of turbidity and other water quality parameters	1975
19750072570	Fifteenth test run. The Nogent-le-Roi experimental air generator	1975
19750072571	Note on the recording of the power put out of the 800 KVA, Best-Romani type aerogenerator installed at Nogent-le-Roi (Eure et Loir)	1975
19750072572	Optimum diameter of the large two-propeller aerogenerators feeding into the 50-Hertz network	1975
19750072573	The 35 m wind generator: Mechanical design of main assemblies and cost analysis	1975
19750072574	The 800 KVA - 30 m phi aerogenerator Nogent-le-Roi	1975
19750072575	The 15th test series: Experimental aerogenerator at Nogent-le-Roi	1975
19750072576	Wind energy study center of Saint Remy des Ilandes (Manche)	1975
19750072577	The aeolian turbines with vertical axis and the solution of J. B. Morel	1975
19750072578	The St. Remy des Landes Wind Power Test Station: Neyrpic wind generator 21.2m in diameter: Provisional acceptance testing on blade set no. 2	1975
19750072579	Report on the performance of Neyrpic wind generators 35 m and 21.2 m in diameter	1975
19750072580	Fifteenth test program: Nogent-le-Roi experimental wind-driven generator	1975
19750072581	Low-power aerogenerators	1975
19750072582	Second series of tests on the neyrpic wind generator 21.2 m in diameter	1975
19750072583	The electrical performance of AgZn batteries for the venus multi-probe mission	1975
19750072584	On the magnon energy in hematite. 1. Magnon energy of the optical mode and the Morin phase transition	1975
19750072585	Modern radio astronomy in geophysics	1975
19750072586	Surface algal circulation patterns in Clear Lake by remote sensing	1975
19750072588	Chronobiology of pocket mice	1975
19750072589	The state of the art of bird flight research	1975
19750072590	Program to study optimal protocol for cardiovascular and muscular efficiency	1975
19750072591	Health applications: Gas chromatograph, mass spectrometry, computer evaluation of organic volatiles in human breath	1975
19750072592	Single axis prototype manipulator elbow joint math model	1975
19750072593	Non-volatile semiconductor memory development study	1975
19750072594	Report on large space telescope scientific instrument command and data handling study	1975
19750072595	Flight software ALT PDR analysis report	1975
19750072596	ERODYN program mathematical description Version 7507	1975
19750072598	Senior citizen high rise workshop	1975
19750072599	Cost effect study, phase 1. Volume 1: Data book data tabulation and normalization	1975
19750072600	Cost effect study, phase 1. Volume 2: Data book statistical analyses	1975
19750072601	User's guide for the Schedules Planning and Analysis System (SPAS) for the Resources, Schedules, and Procurement Integration (RSPI)	1975
19750072603	Users reference guide for the document index system for the Shuttle Information Service (SIS)	1975
19750072604	Research progress in astrophysics	1975
19750072605	Decameter-wave radio observations of Jupiter: Apparitions of 1970 - 1974	1975
19750072606	Determination of the masses of the earth, moon and the sun and the size of the earth from Mariner 9 range and Doppler observations	1975
19750072607	AE-E trapped particle radiation exposure	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750072608	A catalog of non-solar X-ray measurements	1975
19750073620	France: Nuclear, missile, and Space developments, GUO no. 368	1975
19750073635	France: Nuclear, missile, and space developments, GUO no. 387	1975
19750073640	Technology for return of planetary samples	1975
19750073869	A unified metabolism detector for Mars	1975
19750073890	Solar X-ray flare observations: OSO-7 experiment	1975
19750073910	Summary of the ASTP/ATS-6. Interface test results (Johnson Space Center/ATS-6/rosman)	1975
19750073911	France: Nuclear, missile, and space developments, GUO no. 389	1975
19750073919	France: Nuclear, missile, and space development, GUO no. 390	1975
19750073925	Small, high pressure hydrogen turbopump	1975
19750073926	Progress report, 15 September - 31 January 1975	1975
19750073929	France: Nuclear, missile, and space development, GUO no. 388	1975
19750074592	Asteroidal and planetary analysis	1975
19750074611	Consolidated payload requirements on orbiter AFT cabin design and operations	1975
19750074612	X-ray telescope experiment for the HEAO-B mission development (C/D) phase	1975
19750074613	Thermal control system for use during chemotherapy	1975
19750074614	YC-15 research enhancement modification design study	1975
19750074615	Spacelab software sizing and user requirements analysis	1975
19750074616	Flame retardant polyphosphazenes	1975
19750074621	Rocket motor exhaust effects on model hydrodynamic forces	1975
19750074623	Propulsion for vertical launched aero-reaction control (VELARC) prototype program	1975
19750074624	Radial-burning pulse motor for missile propulsion	1975
19750074626	Propulsion technology for free-flight rockets	1975
19750074628	Experimental investigation of the effects of internal nozzle contouring on nozzle performance	1975
19750074634	Rocket motor cook-off	1975
19750074635	The inadvertent rocket motor ignition hazard	1975
19750074640	Definition of captive flight loads for solid propellant grain service life predictions	1975
19750074641	Simulated air launch environment	1975
19750074643	Development and qualification of the B-1 escape capsule rocket motor	1975
19750074646	Minimum smoke propellants for air-launch tactical missiles	1975
19750074919	Solid propellant rheology: A new experimental technique	1975
19750074921	Telesyn synchros: Nomenclature, symbols, electrical zero and phase rotation convention	1975
19750074928	Lightweight thermally efficient composite feedlines	1975
19750074931	Contamination avoidance devices for poppet type shutoff valves	1975
19750074933	Atmospheric photochemical dynamical model for computing atmospheric composition	1975
19750074995	Evaluation of large-scale graphics systems	1975
19750074997	A Study of the Diagenesis of Geologically Important Organic Matter. The Diagenesis of Amino Acids Under Simulated Natural Conditions. A Detailed Study of the Mechanism of Racemization of Amino Acids	1975
19750075002	Test and development of a high repetition rate pulse forming network	1975
19750075003	France: Nuclear, missile, and space developments, GUO no. 391	1975
19750075004	Study of relation between Pc 3 micropulsations and magnetosheath fluctuations and multisatellite investigation of earth's bow shock	1975
19750075005	Investigations of Martian history	1975
19750075009	Calibration and evaluation of Skylab altimetry for geodetic determination of the geoid	1975
19750075011	Evacuated load-bearing high performance insulation study	1975
19750075014	Small, high pressure hydrogen turbopump	1975
19750075015	Advanced thrust chamber technology program	1975
19750075016	Small, high pressure oxygen turbopump	1975
19750075017	Addendum data for conceptual design study of improved 1985 remote lift-fan V/STOL commercial transports	1975
19750075020	Spacecraft radio frequency listing, volume 14, no. 1	1975
19750075022	Combustion effects of film cooling	1975
19750075028	Synchronous earth observatory satellite large earth survey telescope conceptual design recommendation	1975
19750075030	Hypersonic research engine project. Phase 2A: Instrumentation program	1975
19750075032	User's guide to data preparation. Navigation analysis program	1975
19750075310	Japan: Nuclear, missile, space, and defense developments, GUO no. 209	1975
19750075313	France: Nuclear, missile, and space developments, GUO no. 393	1975
19750075314	Japan: Nuclear, missile, space, and defense developments, GUO no. 210	1975
19750075315	Japan: Nuclear, missile, space, and defense developments, GUO no. 211	1975
19750075316	Japan: Nuclear, missile, space, and defense developments, GUO no. 208	1975
19750075318	France: Nuclear, missile, and space developments, GUO no. 392	1975
19750075322	Interpretation and analysis of data from the Lunar Ejecta And Meteorite (LEAM) experiment	1975
19750075324	A unified metabolism detector for Mars	1975
19750075325	HgCdTe detector study for vertical atmospheric temperature sounding	1975
19750075386	Japan: Nuclear, missile, space, and defense developments GUO no. 212	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750075387	France: Nuclear, missile, and space developments, GUO no. 394	1975
19750075394	An analysis of the utilization of the Goddard networks for 1973-1980, volume 2	1975
19750075395	A study of computer memory techniques for airborne applications	1975
19750075655	Elemental abundances, isotope ratios and molecular compounds in the solar atmosphere	1975
19750075761	Fluidics is coming	1975
19750076042	Experiments to study the effects of interaction of HTR helium with metals, alloys, and ceramics: Dragon project	1975
19750076064	Experimental comparison of star and 7600 computer speeds for explicit finite difference hydrodynamics calculations	1975
19750076067	Compatibility of Eu ₂ O ₃ with type 316 stainless steel and sodium	1975
19750076068	Isotopic power materials development	1975
19750076104	Molten lava/single tube boiler experiment	1975
19750076186	Station set requirements document. Volume 20: Shuttle Vehicle Assembly and Checkout (SVAC)	1975
19750076187	Station set requirements document. Volume 19: Orbiter Processing Facility (OPF)	1975
19750076188	Station set requirements document. Volume 29: SSME maintenance	1975
19750076193	Station set requirements document. Volume 17, Revision 3: Landing	1975
19750076195	Station set requirements document. Volume 33, Revision 3: ET processing and storage	1975
19750076196	Instruction for processing changes to baselined station set requirements documents	1975
19750076220	Radio astronomy research	1975
19750076221	Technology for return of planetary samples	1975
19750076224	A note on moving multipole sources of sound	1975
19750076225	Infrared interferometer spectrometer and radiometer (IRIS) instrument for Mariner/Jupiter/Saturn 1977 (mjs'77)	1975
19750076226	Study of Applications of Saturn/Apollo automated data system capabilities to the problems of environmental impacts of urban transportation	1975
19750076227	Station set requirements document. Volume 31: Solid rocket booster processing and storage	1975
19750076361	Dynamic analysis of submarine main pressure hull to conventional underwater explosion attacks	1975
19750076362	Phase 2 Navy preliminary evaluation of the YT-34C airplane	1975
19750076373	OMEGA navigation in a tactical airplane	1975
19750076566	First article evaluation of antenna group AN/SRA-51	1975
19750076569	North Atlantic Treaty Organization (NATO) proposed revision of standardization agreement (STANAG) 3606 on evaluation and control of laser hazards, October 1974	1975
19750076571	AACOM model AT-3620LFM telemetry transmitter spectrum utilization characteristics	1975
19750076578	AACOM model AT-1405S FM telemetry transmitter spectrum utilization characteristics	1975
19750076839	Evaluation of Turco pretreat: A coating to inhibit scaling during the heat treatment of stainless steel	1975
19750076840	Sodium technology program: Friction, wear and self-welding	1975
19750076841	MDA/grams study	1975
19750076899	Cerebral circulation after drinking beer	1975
19750076919	Contributions to the SAPPAC/simulator effort	1975
19750076920	Sun synchronous satellite propulsion study	1975
19750077001	Emergency oxygen kit	1975
19750077059	Mollier diagrams for evaluating nuclear heat processes for the dissociation of water	1975
19750077107	Evaluation of the meteorological data sounding (MDSS) system, AN/UMQ-7	1975
19750077108	Hydrophone for cavitation studies (hydrophone)	1975
19750077202	Hit-to-kill homer ground test (hit phase 2). Task completion report guidance electronics	1975
19750077203	Plume interference assessment and mitigation program	1975
19750077270	Summary of the VAK 191 B aircraft development program, excerpts	1975
19750077273	Japan: Nuclear, missile, space and defense developments, GUO no. 214	1975
19750077274	Japan: Nuclear, missile, space and defense developments, GUO no. 213	1975
19750077275	Potential open- and closed-cycle system efficiencies for the CO ₂ supersonic, electric discharge laser	1975
19750077316	Range Resolved Doppler Frequency Measurements of the Reentry of Trailblazer 1M	1975
19750077418	Development of a scaled-up hypervelocity projectile guiding and retrieving system	1975
19750077464	Report of Workshop on Light Weight Nuclear Power Plants 22-25 October 1974	1975
19750077483	Metallurgical evaluation of titanium 621/0.8 Mo alloy explosion tear test weldments	1975
19750077500	Method for developing equipment maintenance task rate K factors	1975
19750077516	Rugged lightweight cables and assemblies	1975
19750077526	Radiometric missile guidance	1975
19750077540	Apollo lunar surface experiment package archive tape description document	1975
19750077638	Acoustic performance of a Greer pulse-tone accumulator in high-pressure hydraulic systems	1975
19750077718	A-7 airplane carrier suitability problems	1975
19750077723	Investigation of rolled titanium tube-to-tube sheet joints for high-pressure seawater application	1975
19750077724	A comparison of the metallography and fractography of GTA welds in Ti-6Al-2Nb-1Ta-0.8Mo	1975
19750077728	Engineering design test of tank, collapsible, 550-barrel capacity, POL storage	1975
19750077767	Preparation and characteristics of primary cells with solid electrolyte Ag/RbAg	1975
19750077773	The carbon-carbon assessment program. Supplement 5, appendix e: Failure analysis	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750077774	The carbon-carbon assessment program. Supplement 1, appendix A: Materials characterization	1975
19750077787	The fog curtain rises	1975
19750077808	LSI digital arrays	1975
19750077841	Characterization and evaluation of lot 11	1975
19750077846	Cavitation erosion composite materials	1975
19750077879	Horizontal path simulation of atmospheric slant paths near 4.3 micrometers	1975
19750077882	Reliable advanced solid-state radar	1975
19750077950	Single pulse sensor	1975
19750077981	Indium phosphide gunn devices	1975
19750077985	Computation of failure diagrams	1975
19750077994	Product support program accelerated service test of the J57-P-420 engine	1975
19750078003	Elastic compliances for ATJ-S graphite and mod 3A carbon-carbon	1975
19750078026	Environmental Definition Program (EDP)	1975
19750078035	Simulated lightning tests of material samples of the royal industries prototype survivable external fuel tank	1975
19750078044	Antenna radiation characteristics for the Navy VLF transmitting station, NSS, at Annapolis, Maryland	1975
19750078087	The research and development of ferroelectric addressed X-Y matrix display using liquid crystals	1975
19750078103	Summary of overall project and data-advanced tube/fitting evaluation program, Volume 3	1975
19750078104	Design and development of a retarding potential analyzer for Pioneer-Venus orbiter	1975
19750078110	Baltimore applications project	1975
19750078111	An analysis of the utilization of the Goddard networks for 1973 - 1980, Volume 1	1975
19750078113	An analytical study of an active two-cable mount system for the LRC 16 foot transonic dynamics tunnel	1975
19750078117	Infrared Interferometer Spectrometer and Radiometer (IRIS) Instrument for Mariner/jupiter/saturn 1977 (MJS '77)	1975
19750078118	Magnetic field investigation for the mother/daughter spacecraft	1975
19750078120	Placement in industrial service of an air generator prototype with a three-vane variable-setting windmill propeller and a diameter of 35 m	1975
19750078121	Numerical simulation of heat radiation transfer in the lower atmosphere of Venus	1975
19750078122	Oscillating slender wings with leading edge vortex sheets	1975
19750078171	Reducing fog over airfields	1975
19750078172	Laser ranges and facilities, Jefferson Proving Ground, Madison, Indiana, 15-16 October 1974	1975
19750078231	C-5 aerial refueling, phase 1	1975
19750078288	High efficiency isotope battery	1975
19750078291	Test and evaluation of distortion test set DTS-531P	1975
19750078297	Mechanical and thermal characterization of AGSR graphite	1975
19750078328	An introduction to the traffic data collection system	1975
19750078346	Forward Observer Team Equipped with Ground Laser Locator Designator (FOTEGLLD)	1975
19750078365	Antiaircraft defense herald, no. 6, 1974	1975
19750078366	Guided missile systems of the first and second generation	1975
19750078371	Meteorological forecasting for the HEART mini-vehicle program and environmental analysis	1975
19750078376	Laser Digest, Fall 1974	1975
19750078379	Materials information profile	1975
19750078380	The effect of plasma sprayed Metco 404 and 439 coatings on the fatigue life of 4340 steel	1975
19750078389	MTI improvement factor and clutter spectra	1975
19750078390	Investigation of terminal and link performance in HF tactical communication circuits (brave shield 3 exercise	1975
19750078406	Materials and process development and evaluation report	1975
19750078407	Results of a full-scale B-1 inlet/engine compatibility test at subsonic and super-sonic Mach numbers	1975
19750078408	SATS launch bulletins	1975
19750078409	Performance data for four free type, back style, automatic personnel parachute assemblies	1975
19750078416	A-6E Automatic Carrier Landing System (acls) performance monitor	1975
19750078425	OSD interactive graphics feasibility study	1975
19750078428	Advanced electron device technology	1975
19750078477	Production assessment test report on semiconductor, transistor, general purpose, silicon, PNP, planar, metal can	1975
19750078499	Penetration of woven roving body armor material by cube fragment simulators	1975
19750078513	Simulated altitude performance of Mark 2 reentry vehicle spin and pitch motors having ages from 58 to 138 months	1975
19750078514	T58 engine 1974 component improvement programs	1975
19750078516	A theoretical study of cavitating inducers with an application to water jet propulsion	1975
19750078552	Development of a miniaturized dye laser	1975
19750078554	Evaluation of AN/SPN-41 instrument landing for all weather pilot monitor of automatic carrier landings	1975
19750078555	Performance evaluation tests of solar model T62 T-36 c auxiliary power unit	1975
19750078599	Station set requirements document. Volume 32: SRB retrieval and disassembly	1975
19750078617	The numerical calculation of subcritical steady potential flow around an unyawed ellipsoid	1975
19750078619	The Nogent-le-Roi experimental air generator, fifteenth test run	1975
19750078621	Graphite fiber composites for deep ocean ordnance	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750078625	Japan: Nuclear, missile, space and defense developments, GUO no. 218	1975
19750078626	Japan: Nuclear, missile, space, and defense developments, GUO no. 219	1975
19750078627	Station set requirements document. Volume 17: Landing	1975
19750078628	Station set requirements document. Volume 19: Orbiter Processing Facility (OPF)	1975
19750078629	Station set requirements document. Volume 30: Parachute refurbishment	1975
19750078630	Station set requirements document. Volume 31: SRB processing and storage	1975
19750078631	Station set requirements document. Volume 33: ET processing and storage	1975
19750078632	France: Nuclear, missile, and space developments, GUO no. 396	1975
19750078633	Solar flare predictions and warnings	1975
19750078634	The influence of fibre distribution on the moduli of unidirectional fibre reinforced composites	1975
19750078635	Station set requirements document. Volume 17: Landing	1975
19750078636	Station set requirements document. Volume 28: Launch control center	1975
19750078637	Station set requirements document. Volume 16: Approach and landing test. Volume 18: Ferry. Volume 24: Secondary landing site. Volume 89: Contingency landing site	1975
19750078639	Numerical integration of the differential equations of celestial mechanics	1975
19750078697	Development of 3-FLX reset and maximum likelihood reset equations for a space stable inertial navigator	1975
19750078699	Monolithic HgCdTe-silicon CCD interface circuit development	1975
19750078718	Rangemaster laser distance measuring device, December 1974	1975
19750078732	Supersonic free-jet simulation capability for a mixed-flow turbofan engine in the engine test facility	1975
19750078734	New features of a computer program for analyzing nonuniform circular frames of submarines (NUCFAP)	1975
19750078735	Product improvement program for Navy model h-1 and H-2 hydraulic engine starter	1975
19750078787	SADARM millimeter wave radiometer measurements (U)	1975
19750078788	Attack helicopter, clear night defense. Phase 2 A. CDEC experiment 43.7, volume 5 (U)	1975
19750078800	Weapon signature suppression study (U)	1975
19750078801	PAVE strike analysis (U)	1975
19750078802	AIMPOINT electro-optical area correlator flight test (U)	1975
19750078805	Test definition and analysis. Volume 1: Supporting technical analyses (U)	1975
19750078806	Redeye electromagnetic radiation evaluation, effects of missile roll (U)	1975
19750078807	Reentry systems program (U)	1975
19750078815	BCON interpreter for the CDC 7600 and the CDC star 100	1975
19750078817	Flows in heat exchanger plenums	1975
19750078820	Solid State Division annual progress	1975
19750078822	ANL findings and recommendations on LMFBR safety testing needs and acquisition of new in-pile testing facilities, volume 4	1975
19750078825	Verification of WARD CRBR transient studies	1975
19750078832	Isotopic power materials development	1975
19750078836	Computer aided design of a large special-purpose anechoic chamber	1975
19750078840	Japan: Nuclear, missile, space, and defense developments, GUO no. 215	1975
19750078842	France: Nuclear, missile, and space developments, GUO no. 395	1975
19750078844	Japan: Nuclear, missile, space and defense developments, GUO no. 217	1975
19750078849	Station set requirements document. Book 2, Volume 27: Flight crew systems	1975
19750078903	Characterization and evaluation of lot 11 and TS 1021 graphite for thermostructural application	1975
19750078950	Bomber aerial gunnery effectiveness model	1975
19750078957	Measurements on the atmospheric effects on photo recon	1975
19750078961	Check test of monitor programmer, missile guidance set: AN/GJM-24	1975
19750078962	SAM-D engineering development status	1975
19750078963	SAM-D engineering development status	1975
19750078964	Agile gimbal nozzle mechanics investigation	1975
19750078966	Rocket accelerated RV model feasibility study	1975
19750078969	The RF transmission experiment for operation BARBIZON	1975
19750078971	Collapse stability of shaped-charge liners	1975
19750078981	Initial software for EMPASS EP-3A digital system	1975
19750079001	LVTP 7 modified engine exhaust manifold insulation covers	1975
19750079004	A comparison of numerically calculated and experimentally measured temperatures produced in an aluminum cylinder by laser heating	1975
19750079006	Deep water laser transmitter design study	1975
19750079012	F-band trapatt amplifier	1975
19750079013	FBMWS piece-parts receiving inspection at module maintenance facility MMF, Charlestown Naval Shipyard, Charlestown, South Carolina	1975
19750079020	Modified rescue litter	1975
19750079023	International Telephone and Telegraph (ITT) version of the Ga-As laser weapon simulators used with multiple integrated laser engagement and scoring system MILES, January 1975	1975
19750079030	Tactical airborne reconnaissance POD system	1975
19750079031	Labrador basin low frequency bottom loss measurements	1975
19750079034	Development of a computerized selection for plastic materials	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079035	Program maintenance manual for SETS/BL/ITB, volume 1	1975
19750079036	Short range attack missile pretest analysis	1975
19750079080	A method for predicting the low cycle fatigue life of rotating discs from smooth specimen data for a titanium alloy	1975
19750079081	Lapwing 2, series A(S15A1) motor for use on the Petrel research rocket: Recommendation for clearance	1975
19750079082	Application of the acoustic telescope to noise measurements on a viper engine, with considerations on the theory and development of the telescope	1975
19750079083	30 meter and 800 KVA aerogenerator, rotor replacement	1975
19750079085	A budgetary control scheme for computing work at RAE Farnborough	1975
19750079086	Experience with a steady-state heat transfer technique in a large wind tunnel	1975
19750079087	Flight measurements of surface pressure fluctuations and induced structural strains under the leading edge vortex on the BAC 221 and HP 115 slender-wing aircraft	1975
19750079089	The flutter of a two-dimensional wing with simple aerodynamics	1975
19750079090	A lower power analogue-to-digital converter using the recycling cascade principle	1975
19750079091	A preliminary study of an adaptive flight control system using in-flight identification of three aircraft coefficients	1975
19750079092	Rain erosion. Part 10: An assessment of various materials	1975
19750079094	An application of fast frequency-sweep excitation to the measurement of sub-critical response of a low speed wind tunnel model	1975
19750079095	Precipitation of S phase in high strength Al-Zn-Mg-Cu alloys	1975
19750079096	A control-surface oscillatory derivative rig for use with half-models in high-speed wind tunnels	1975
19750079097	Skynet 2B orbital operations at the USAF satellite test center	1975
19750079098	Fifth series of tests on the Nogent-le-Roi experimental wind generator	1975
19750079121	harpoon sustainer propulsion system	1975
19750079128	GORJE fuel management system	1975
19750079129	Centrifuge testing ASALM fuel expulsion system	1975
19750079130	Development of the Harpoon fuel system	1975
19750079131	High performance solid ramjet fuels	1975
19750079134	Survey of fuel control systems	1975
19750079137	Advanced inlet port cover development for integral rocket ramjets	1975
19750079139	Integral rocket ramjet booster transition tests	1975
19750079140	Feasibility of a modularized missile approach for air breathing flight demonstration	1975
19750079143	Investigation of vehicle flowfield at inlet locations in the presence of wings	1975
19750079148	Preliminary report on the performance of NASA hypersonic research engine (AIM/HRE) at Mach 6 (U)	1975
19750079149	GORJE combustor design, development, and performance	1975
19750079150	Generic ordnance ramjet engine (GORJE) status	1975
19750079159	Problem areas in BMD propulsion technology	1975
19750079160	Sprint 2 propulsion development	1975
19750079161	Case bonding of ultra-high burning rate propellant	1975
19750079162	Advanced interceptor cases	1975
19750079163	Experiments on reacting gas jet penetration	1975
19750079165	Demonstration of movable nozzle system technology for an advanced ICBM lower-stage motor	1975
19750079167	Post-boost propulsion experience	1975
19750079169	Nozzle efficiency improvements with advanced materials	1975
19750079170	Bonding Agent review	1975
19750079174	Propellant development for the 30mm rap	1975
19750079176	Base drag reducing fumers for small caliber projectiles	1975
19750079202	CONUS defense engagement simulation (BETA CADENS, analytical manual. Volume 3: Simulation subsystem)	1975
19750079210	Implementation and validation of a model for surface reverberation	1975
19750079219	A description of the traffic data collection system	1975
19750079243	Spare part project for the EDP installation robotron 21	1975
19750079244	Short range guidance methods not utilizing the laws of orbital motion	1975
19750079245	Flight instruction manual for the G222 prototype cargo aircraft	1975
19750079246	High frequency semiconductor electronics	1975
19750079248	Wind tunnel magnus tests of cylindrical and boattail Army-Navy spinner projectiles with smooth surface and 20 mm equivalent engraving rifling grooves	1975
19750079253	High-speed programming algorithm in a multiprogram TsVM, which minimizes unit downtime	1975
19750079254	Handbook on fire safety in electrical plants	1975
19750079277	Investigation of factors affecting the wind tunnel measurements of carriage-position airloads on external store models at transonic Mach numbers	1975
19750079278	Mass addition effects on heat-transfer rate and boundary-layer transition location on a 5-deg cone at Mach number 8	1975
19750079304	Low cost TVC design study (U)	1975
19750079305	Typical atoll trajectories (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079307	Eigenvectors in multi-dimensional signal simulator (U)	1975
19750079308	The coupled-line coupled-cavity traveling wave tube (U)	1975
19750079314	Evaluation of the Hughes Aircraft Company/International Business Machines angular rate bombing system in TA-4J Bu no. 154332 (U)	1975
19750079315	ADTC technology needs fiscal year 1974 (U)	1975
19750079321	SYFO plasticizer pilot process (U)	1975
19750079323	Investigation of active/passive line scan techniques (U)	1975
19750079324	Real time optical processing for SOI (U)	1975
19750079325	Digital image processing for radar exploitation (U)	1975
19750079327	Striation diffusive decay and image growth (U)	1975
19750079340	Coronet Thor evaluation (U)	1975
19750079342	The use of the imagery interpretation system for precision targeting (U)	1975
19750079354	Infrared target signature measurements of commercial passenger jet aircraft (U)	1975
19750079355	Radar homing and warning (RHAW) look through evaluation (U)	1975
19750079358	Experimental retrodirective beacon system (U)	1975
19750079376	Aerodynamic data for RAE 9550, a supercritical aerofoil	1975
19750079377	The buckling and post-buckling behavior of composite plates under biaxial loading	1975
19750079379	Stress analysis of fibre reinforced plates with polar orthotropy	1975
19750079380	The effect of geometry on the fatigue strength of aluminium alloy lugs	1975
19750079382	The use of carbon fibre reinforced plastic in the construction of models for testing in wind tunnels	1975
19750079384	Operational evaluation of new aviation personal, safety, and survival equipment (AVEQ)	1975
19750079385	Operational evaluation of the small unit remote sensor system, 17 June - 15 August 1974	1975
19750079389	C-5A flight control report (aerospace vehicle). Flight control subsystem. Volume 1, addendum 6: Terrain following subsystem analysis	1975
19750079414	Evaluation of the dual channel bioluminescent sensor system	1975
19750079424	Experimental study of cylindrical waves by exploding wire	1975
19750079425	Experimental study of multiple interior impacts	1975
19750079446	F-14 automatic carrier landing system technical evaluation and development program	1975
19750079447	Operational control in the association Sigma	1975
19750079448	Modeling of bond materials for soft bonded shells subjected to impulsive and blast type loadings	1975
19750079453	The effect of chamber pressure history on blast produced by a recoilless rifle nozzle	1975
19750079466	BMD interceptor propulsion technology	1975
19750079468	Experimental Image Compression Subsystem (EICS)	1975
19750079469	Low power, high speed CMOS/SOS circuits	1975
19750079511	Operational assist evaluation of P-3B navigation systems modification (U)	1975
19750079513	Simplified high accuracy guidance (SHAG) flight test program. Volume 2: Live firing data (U)	1975
19750079517	Technology C gyro modeling (U)	1975
19750079521	Electromagnetic compatibility evaluation of the F-4J, AN/AWG-10A digital weapon control system and AN/ASX-2 recognition set installation (U)	1975
19750079522	Phase 1 study report to evaluate the impact of parametric (nonlinear) transmitting and receiving sonar arrays and systems on naval engagement tactics and fleet operations in undersea warfare (U)	1975
19750079525	Wideband amplifier (U)	1975
19750079528	Secure voice alternatives for FLTSATCOM channels: Intelligibility testing (U)	1975
19750079529	Aerodynamic characteristics of a Mach 6 experimental aircraft configuration at Mach numbers from 0.6 to 1.3 (U)	1975
19750079532	Cost estimating relationships for airborne array radars, flirs, and avionics logistics support. Volume 1. CER study containing proprietary data (U)	1975
19750079533	Design and performance of an electron-bombarded-semiconductor S-band amplifier (U)	1975
19750079535	Critical components development silver free battery development (U)	1975
19750079536	Navy long wave propagation center TACAMO performance predictions in the Pacific (U)	1975
19750079540	Generic HEL simulation description (U)	1975
19750079541	Proposed methodology for estimating the vulnerability of tactical aircraft to non-nuclear threats (U)	1975
19750079556	Tactical program functional description. Volume 1: F-14 Tape 109B (U)	1975
19750079557	Tactical program functional description. Volume 2A: F-14: Tape 109B (U)	1975
19750079558	Tactical program functional description. Volume 2B: F-14: Tape 109B (U)	1975
19750079559	Tactical program functional description. Volume 3A: F-14: Tape 109B (U)	1975
19750079560	Tactical program functional description. Volume 3B: F-14: Tape 109B (U)	1975
19750079561	Tactical program functional description. Volume 3C: F-14: Tape 109B (U)	1975
19750079562	Tactical program functional description. Volume 4A: F-14: Tape 109B (U)	1975
19750079581	Pave strike: Photogrammetric targeting system (U)	1975
19750079582	Dual mode recognizer advanced development program. Volume 2: Technical discussion (U)	1975
19750079583	Dual mode recognizer advanced development program. Volume 1: Summary of progress (U)	1975
19750079594	Hi-Hi Star sensor. Volume 1, part 1: Hi-Hi Star design and analysis. Part 2: Hi-Hi Star system tests, integration and flight. Appendices A, B, D, G, and N (U)	1975
19750079597	AFWL technical objective number 2. Advanced radiation technology (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079598	Dual mode recognizer advanced development program. Volume 3: Studies, part 1 (U)	1975
19750079600	Dual mode recognizer advanced development program. Volume 3: Studies, part 2 (U)	1975
19750079605	Analytical investigation of structural concepts for the air induction system of advanced high supersonic aircraft (U)	1975
19750079610	Space transportation system integrated mission planning (STSPUM) space requirements specification document	1975
19750079611	ASEE-NASA summer research institute 1975	1975
19750079612	ASEE-Case-NASA Lewis Summer Faculty Fellowships - 1975 program	1975
19750079613	Cargo transportation by airships	1975
19750079614	ASEE-NASA summer faculty: 1975 engineering systems design program	1975
19750079615	NASA-ASEE summer faculty research institute, U of Houston - JSC - Texas A and M program	1975
19750079616	The 1975 NASA-ASEE Summer Faculty Systems engineering program	1975
19750079617	The NASA 60 in. C telescope resiting	1975
19750079618	The 1975 ASEE-NASA summer faculty fellowship program	1975
19750079619	A 2.286 meter (7.5 foot) diameter high speed hingeless rotor design	1975
19750079620	The numerical calculation of steady inviscid subcritical flow past ellipsoids without circulation	1975
19750079621	An instrument for measuring logarithmic decrements at very low frequencies	1975
19750079622	The format and colour of small matrix displays for use in high ambient illumination	1975
19750079623	Station set requirements document. Volume 81: Communications	1975
19750079625	ATS-F data reduction system user's manual	1975
19750079626	Station set requirements document. Volume 22: Mobile Launch Platform (MLP)	1975
19750079627	KSC space shuttle offsite integrated station set requirements document. Volume 16: Approach and landing test. Volume 18: Ferry. Volume 24: Secondary landing site. Volume 89: Contingency landing site	1975
19750079629	Station set requirements document. Volume 82: Fire support	1975
19750079634	Cost estimation model: Sounder instruments	1975
19750079635	ATS-6 radio frequency interference measurement experiment second quarter analysis report	1975
19750079636	Space Transportation System Payload Utilization Model (STSPUM). Volume 3: Software design specification document	1975
19750079637	Definition of life sciences laboratories for shuttle/spacelab(study): Mid-term presentation	1975
19750079638	Definition of life sciences laboratories for shuttle/spacelab. Task 1: Life sciences mission model review briefing	1975
19750079639	Space Transportation System Payload Utilization Model (STSPUM). Volume 2: User's manual	1975
19750079640	France: Nuclear, missile, and space developments, GUO no. 400	1975
19750079641	Mathematical description of adaptive filter 6 GTDS implementation	1975
19750079648	Military Adaptation of Commercial Items (MACI) customer test of Target Tracking Control System (TTCS)	1975
19750079649	Nondestructive quality control of glue-welded joints	1975
19750079650	A series of miniature high-speed core storages	1975
19750079651	Calculation of the ignition voltage of the discharge in helium at low temperatures	1975
19750079652	Brushless thyristor system of the excitation of an alternator of average power	1975
19750079653	Vibration of the stator windings of turbogenerators of large power	1975
19750079654	Gas flow in rotor wheels of centrifugal compressors	1975
19750079655	Fatigue fracture study of construction with complex geometry in critical location	1975
19750079656	The influence of the flow around a microphone on in-duct fan noise measurements	1975
19750079658	Wind tunnel test results of the Goodyear aerospun dispenser	1975
19750079666	Evaluation of the influence of surface effect on losses from eddy currents and on hysteresis with the account of composite magnetic permeability	1975
19750079670	Air training command independent evaluation of the ARC-164 UHF radio	1975
19750079672	Optimum mode for forcing suppression of a field of a powerful turbogenerator	1975
19750079677	Development of a WESNET data communications system simulation	1975
19750079681	Middle gust calibration shots: Ground motion measurements	1975
19750079691	Terrestrial point position determination by an orbital method	1975
19750079692	Interactive autodin simulator TSOAUSIM, user's manual	1975
19750079693	Performance of an engine propulsion simulator and control system at sea-level-static conditions	1975
19750079694	Supersonic combustion ramjet flight testing (Scramjet)	1975
19750079695	Hypersonic, High Reynolds number, projectile aerodynamics (LAHIVE)	1975
19750079696	The effect of hovering flares on visual target acquisition	1975
19750079697	Investigation of polarization effects of fuel handling devices	1975
19750079698	Wind tunnel tests of a 1/15-scale F-16 model at Mach numbers from 0.6 to 1.6	1975
19750079699	Chaff ingestion test report (chaff injest)	1975
19750079700	Interactive autodin simulator (TSOAUSIM), program reports	1975
19750079701	Low noise Schottky barrier FET transistor (InP)	1975
19750079702	Engineer design test of battery, 24-volt, 12 TN size	1975
19750079703	Correlation of actual and analytical helicopter aural detection criteria, volume 1	1975
19750079704	Standardization of adhesive repairs of bonded sandwich panels in Army helicopters	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750079705	The effects of long-term storage of silicone rubber foam with TNT and Minol-2	1975
19750079708	An evaluation of the correlation between the Ryder and IAE gear machine	1975
19750079709	Production engineering measure for high burnout resistant mixer diodes	1975
19750079711	OT and E of Low Altitude Radar Altimeter (LARA) multiplexing for F-111 aircraft	1975
19750079712	Manufacturing methods for low emission grid coatings for barium activated cathode vacuum tubes	1975
19750079713	Collision avoidance devices onboard US Navy ships	1975
19750079718	Scintillation signal generator	1975
19750079722	Development test 2 (service) of military free fall parachute systems	1975
19750079723	T-burner motor verification program	1975
19750079727	The effect of illuminating flare color on target acquisition	1975
19750079733	Parametric studies and dimensioning of noble-gas-MHD generators	1975
19750079749	The gyroscope: Theory and applications. Part 1: Introduction and fundamentals	1975
19750079750	Aerodynamic characteristics of a 5.5-percent scale model of the AFFDL X-24B flight test vehicle	1975
19750079752	HF/DF chemical laser technology	1975
19750079753	Radar product improvement program: Radar set, AN/TPQ-31	1975
19750079758	Electromagnetic field in the end region of turbogenerator when using a nonmagnetic shield	1975
19750079759	Real time tactical operating systems study	1975
19750079761	Noise-like signals in information transmission systems	1975
19750079762	Fundamentals of contemporary control technology (selected parts)	1975
19750079774	Architecture of multicomputer control complexes on the base of ASVT-M	1975
19750079775	Dispatching in the execution of programs in the M-6000 ASVT-M modular systems of the means of computer technology on a microelectronic base, in the control of complex technological processes	1975
19750079776	Applied magnetohydrodynamics. Number 9: Calculation of the characteristic quantities of work gases of the MHD Combustion gas generator	1975
19750079777	Graphic terminal device	1975
19750079780	RPV adaptive array breadboard model	1975
19750079782	TAV-8A. Cockpit systems	1975
19750079797	Aft-nacelle axial-force characteristics of a 0.06-scale, strut-mounted B-1 model including simulated jet effects at Mach numbers from 0.7 to 1.6	1975
19750079814	Evaluation of urethane rubber potting compounds not containing 4.4 prime methylene bis (2-chloroaniline)	1975
19750079826	Development of active flutter suppression wind tunnel testing technology	1975
19750079827	Evaluation of the proposed laser operations for the Human Engineering Laboratory, Mortar System Test (HELMST), Fort Carson, Colorado 80913, Feb. - Mar. 1975	1975
19750079843	Procedure for preparing data cards for semipermanent storage	1975
19750079844	Using the atlas data plotter with the Dnepr-21 computer	1975
19750079856	LSI solid state coupler	1975
19750079861	Evaluation of environmental impact of noise from rotary-wing aircraft operations, New Jersey Army National Guard Support Facility, Mercer County Airport, West Trenton, New Jersey, September 1974	1975
19750079862	Phase transformations in the ordered compound TiAl and in alloys based on it	1975
19750079863	Binary crust codes	1975
19750079869	MACROSIM support of weapon system life cycle	1975
19750079870	Semipermanent memory unit (PPZU) on punchcards	1975
19750079871	Producing ruthenium single-crystals and studying the anisotropy of certain properties	1975
19750079872	Certain thermophysical properties of pyrolytic graphite	1975
19750079873	Anodic oxidation treatment in making glue-welded joints of light-alloy components	1975
19750079874	Investigating the temperature field of a turbogenerator rotor under asymmetrical loads	1975
19750079875	Superconducting propulsion system. Liquid metal current collector test program	1975
19750079879	Electromagnetic interference tests of the M520 GOER material handling crane	1975
19750079880	Compass preview advanced design and verification	1975
19750079883	Design and evaluation of crashworthy, ballistically tolerant fuel tank material	1975
19750079884	Aerodynamically induced pressure oscillations in cavities: Physical mechanisms and suppression concepts	1975
19750079885	High temperature thermally stable greases, part 3	1975
19750079930	Space and upper atmosphere programs in Canada 1974	1975
19750079936	Validation of high temperature design methods and criteria	1975
19750079937	Sodium technology program component materials compatibility	1975
19750079938	Fuels and materials development program	1975
19750079942	The development of correct hybrid finite elements	1975
19750079944	The stiffness of orthotropic laminated plates	1975
19750079948	On the application of certain statistical methods to wind-tunnel testing	1975
19750079954	The concept of load diffusion length in fibre reinforced composites	1975
19750079960	A pyramid skewed axis sensor set for multiplex flight control systems	1975
19750079995	Ultra low level airdrop of three linked platforms	1975
19750080000	Translations on Eastern Europe: Scientific Affairs (GUO 2/75)	1975
19750080001	France: Nuclear, missile, and space developments, GUO no. 399	1975
19750080002	Japan: Nuclear, missile, space, and defense developments, GUO no. 222	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080003	NASA-ASEE summer institute: 1975 Stanford-Ames research program	1975
19750080004	Receiver geometry and solar cell performance criteria for a solar photovoltaic power generation system	1975
19750080005	A redundancy management algorithm for a tetrad inertial sensor system	1975
19750080006	Manned flight simulation	1975
19750080007	Sample rate effects on a digital fly-by-wire control system	1975
19750080008	The oxidation of contaminative methane traces with a radiofrequency discharge	1975
19750080009	The conspicuity of runways embedded in potential STOLport surrounds	1975
19750080010	A constitutive model for developing turbulent flow in a rectangular duct	1975
19750080011	Wave estimation using data collection from a research aircraft	1975
19750080012	On the nucleation and growth in H ₂ SO ₄ -H ₂ O solution aerosol in the stratosphere	1975
19750080013	Physiological response to excess Ca(plus,plus) in the preoptic-anterior hypothalamus	1975
19750080014	Flow distortion reduction in the 40 by 80 foot wind tunnel	1975
19750080015	NASTRAN structural analysis of hypersonic research vehicle beaded panel including comparison with experimental data	1975
19750080016	The computer network at Ames-FAC	1975
19750080017	Calibration of instrumentation for pure tone hearing acuity tests	1975
19750080018	Aircraft models with specified output time histories	1975
19750080019	The visualization of quasi-periodic flows	1975
19750080020	Compound identification by means of computer analysis of mass spectral data	1975
19750080021	On the habitability of Mars: An approach to planetary engineering	1975
19750080022	Some characteristics of low mass stars vis-a-vis their suitability for interstellar communication investigations	1975
19750080023	The influence of turbulence on friction drag	1975
19750080024	Infrared spectra of selected freons using rapid-scan Fourier transform spectroscopy	1975
19750080025	Coding isotropic images	1975
19750080026	Modification of a beale stirling engine to operate on laser energy	1975
19750080027	Feasibility study of isolating the test area of a 12 foot pressure wind tunnel	1975
19750080028	Structural stability	1975
19750080029	Examination of an invariant second-order closure method for turbulent boundary layer	1975
19750080030	Telemetry of gastrointestinal variables for motion sickness studies	1975
19750080031	Amino-acid enantiomeric ratios as chronologic tools for the study of marine terrace deposits	1975
19750080032	Particle threshold determination at low pressures	1975
19750080033	Calculation of separated, turbulent flow	1975
19750080034	Effects of PCM word resolution and degradation on frequency domain dynamic data	1975
19750080037	Station set requirements document. Volume 22: Mobile Launch Platform (MLP)	1975
19750080041	A computer program to estimate the interference on a wing due to an engine nacelle at subsonic speeds. Part 1: Description of the method	1975
19750080042	Effect of banding and tempering temperature on the plane strain fracture toughness of 300M steel bar	1975
19750080043	An experimental investigation of the use of Kalman filtering in a navigation system using Doppler and inertial sensors	1975
19750080044	Scattering of a sound source by a steady stream past a lifting surface	1975
19750080046	Development of a drive system for a sequential space camera phase 1 trade-off analysis and design	1975
19750080047	Research in aeronomy	1975
19750080048	Propagation of planetary waves	1975
19750080049	Turbulent convection of D-region ionization	1975
19750080050	Sources of ionization	1975
19750080051	Winter 1975 - 1976 D-region campaign	1975
19750080052	Electron temperature	1975
19750080053	The rocket-radio differential-absorption experiment at the geomagnetic equator	1975
19750080054	The rocket-radio Faraday-rotation experiment at the geomagnetic equator	1975
19750080055	Processing and analysis of rocket data from Nike Apaches 14.509, 14.510, 14.513, 14.514, 14.511, and 14.520. Problems with Fourier analysis of rocket Faraday data	1975
19750080056	Transformation of N(t) to N(h) and the machine plotting of electron concentrations. Introduction of digital data tapes from Wallops Island	1975
19750080057	Reflection coefficients of sporadic-E layers	1975
19750080058	Rocket launch schedule: Payload construction	1975
19750080059	Receiver development and fabrication	1975
19750080060	Electron-density fine structure experiment	1975
19750080061	Probe current data processing, energetic Electron Spectrometer (EES), improved counting electronics design and analysis of 14.510 and 14.421 rocket profiles	1975
19750080062	Satellite coordination experiment	1975
19750080063	Operating system hardware: Receiver blanker units, phase detector unit, and A/D multiplexer/sequence logic	1975
19750080064	Operating system software: Collection and real-time processing and post-processing	1975
19750080065	Meteor-wind results	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080066	Introduction and horizontal structure of midlatitude sporadic-E layers	1975
19750080067	Ion conduction studies	1975
19750080068	Urbana measurements, comparison with meteor-radar results and magnetic storm aftereffects at Urbana	1975
19750080069	Electron-density variability	1975
19750080070	Comparison with Ax/Ao calculated from rocket measurements. Electron-density measurement below 70 km: Assessment of error sources and noise rejection. Differential phase experiment and polarization check program	1975
19750080071	Laser-transmitting system	1975
19750080072	Lidar-receiving system	1975
19750080073	Principles of laser-radar resonant scattering	1975
19750080075	France: Nuclear, missile, and space developments, GUO no. 402	1975
19750080076	Research in the UK on finite difference methods for computing steady transonic flows	1975
19750080077	Analysis of the benefits and impacts of selected R and T projects in gas turbine technology	1975
19750080079	Station set requirements document. Volume 35: SRB refurbishment and subassembly	1975
19750080081	Thermomechanical stress analysis of silicon nitride components	1975
19750080082	Japan: Nuclear, missile, space, and defense developments, GUO no. 220	1975
19750080083	Japan: Nuclear, missile, space, and defense developments, GUO no. 221	1975
19750080084	The chemistry of aging of hydrocarbon binders in solid propellants	1975
19750080085	Infrared Interferometer Spectrometer and Radiometer (IRIS) instrument for Mariner/Jupiter/Saturn 1977 (MJS'77)	1975
19750080086	The interaction of wind waves and internal waves: Experimental measurements	1975
19750080117	Journal of Naval Science, volume 1, no. 2 (U)	1975
19750080118	Quality assurance and the large customer: The modern concept	1975
19750080119	Assessing a complex system by parts	1975
19750080120	Journal of Naval Science, volume 1, no. 1 (U)	1975
19750080121	A structural basis for drag reducing agents	1975
19750080122	Waveguide breakdown levels	1975
19750080123	Multiple-hole production technology using electrical-discharge machining	1975
19750080124	Recent developments in hovercraft performance testing	1975
19750080127	Parameters influencing turbine inlet temperature	1975
19750080129	Computers: A handbook	1975
19750080130	Rotors of liquid piston rotary compressors with maximum carrying capacity	1975
19750080131	Gas stream in an axiradial diffuser	1975
19750080132	A study of an axiradial diffuser of an annular ejector	1975
19750080133	Calibrations of angle-of-attack, angle-of-sideslip, and pitot-static pressure sensors on the modular-guided glide bomb 2 at transonic Mach numbers	1975
19750080136	Partial spectrum signature and selected EMC	1975
19750080143	Research and development on technologies for welding HY-180 steel	1975
19750080144	Chemical laser hardware fabrication program	1975
19750080145	Flight test qualifications of aerial refueling hoses	1975
19750080146	Final qualification and service suitability tests of the A-4 main landing gear rebuilt tires manufactured by air treads	1975
19750080147	Modeling the Texaco controlled-combustion system, Phase 2	1975
19750080150	Aerodynamic and cold jet plume geometry characteristics of the Army free rocket at transonic Mach numbers	1975
19750080155	Software performance requirements - SRPS contents requirements	1975
19750080158	Structural characteristics of AV-8A and TAV-8A aircraft structural loads summary	1975
19750080159	AV-8A primary and auxiliary flight control system analysis	1975
19750080160	System for removing carbon dioxide from closed atmosphere	1975
19750080163	Variable inductive reactance temperature controller	1975
19750080177	AV-8A cockpit systems	1975
19750080178	TAV-8A control systems, effects of mods and ECPS	1975
19750080179	F-4B/J aircraft conformal carriage preliminary design study report	1975
19750080180	Effects of variable-amplitude loading parameters on fatigue crack growth in HY-130 steel	1975
19750080190	Remotely Piloted Aerial Observer/Designator System (RPAODS) flight test report. Phase 1: FY-74	1975
19750080216	AGT 1500 gas turbine engine producibility program	1975
19750080219	Project briefs (completed projects supplement 16)	1975
19750080220	Project briefs (active projects)	1975
19750080223	A case history of the coproduction of the F-5E aircraft by the United States of America and the Republic of China	1975
19750080224	Radiometric measurements in the 1-6 micrometer and 8-14 micrometer infrared regions	1975
19750080225	Oxidation resistance of alloys based on TiAl compounds at 800 C	1975
19750080226	Future lines of the development of a main cable network	1975
19750080227	US Army aviation R and D technical reports published in 1974	1975
19750080232	Contactless ignition	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080239	Increasing the critical rotational speed of the tail rotor drive shaft in SM-1 and SM-2 helicopters	1975
19750080240	Possibilities of determining climate engineering conditions for the storage and transportation of goods in containers	1975
19750080244	Preliminary backscatter measurements on the US Army gas dynamic laser	1975
19750080245	Antitank beamrider study	1975
19750080251	Automated system for the interpretation of gravitational anomalies minimizing method	1975
19750080252	Velocity heterogeneities of the upper mantle and deep-seated gravity anomalies in the territory of the Soviet Union	1975
19750080255	Design analysis of large-scale systems	1975
19750080256	AV-8A landing gear and associated subsystems analysis	1975
19750080257	Report of the ARPA/Tri-Service Millimeter Wave Workshop	1975
19750080258	Improved design M42 sequential timer	1975
19750080259	AV-8A power plant analysis	1975
19750080261	Post mod 800 TAV-8A Harrier avionics system description	1975
19750080266	Operational verification of multiplexer TD-1151/GPA-106(V) and demultiplexer TD-1152/GPA-107(V)	1975
19750080267	Flat plate display	1975
19750080268	HF phased array single site radiolocation. Part 2: Haswell results	1975
19750080269	Manufacturing methods for spinel ferrites for use in microwave tubes	1975
19750080270	Microwave data bus technology	1975
19750080272	AN/VSS-3A searchlight (modified) for Project Satan, Modern Army selected system test evaluation and review (MASSTER), Fort Hood, Texas, October - December 1974	1975
19750080274	Check test of Pershing Ia Automatic Reference System (ARS)/Sequential Launch Adapter (SLA)	1975
19750080275	The thermal swelling and friction characteristics of several candidate splitline ablative materials	1975
19750080277	Special communications evaluation report	1975
19750080279	Post mod 800 AV-8A harrier avionics system description	1975
19750080284	Evaluation of open-arc processes, US Army Armament Command, Rock Island, Illinois 61201	1975
19750080287	Heat-transfer and longitudinal static stability tests of a 0.192-scale model of the servant reentry vehicle at Mach numbers 12 and 15	1975
19750080307	An analysis of nighttime irradiance sources needed in ground target signature prediction	1975
19750080308	Navy flight evaluation of a-4F Blue angels modification ECP-1145	1975
19750080309	Operating performance tests of a non ionizing electrostatic precipitator	1975
19750080310	Real-ear attenuation at threshold characteristics of the HGU-35/P helmet. Comparison with and without aviator's eyeglasses	1975
19750080312	Developmental investigation of the Autonetics, model RLG-740, laser gyro	1975
19750080334	Determining losses in partial axial turbine stage	1975
19750080335	Software testing methodology	1975
19750080336	High thermal conductivity microwave substrates	1975
19750080338	Third generation gyro system, volume 1	1975
19750080339	AV-8A electric capabilities summary report with mod 528 (12 KVA generator) incorporated	1975
19750080345	Microstrip antenna design program feasibility study of aft mounted antenna for reentry vehicles	1975
19750080360	Evaluation of ring locked boss-insert with MS flareless boss end configuration for hydraulic systems	1975
19750080361	A metallurgical and weldability evaluation of a copper-nickel chromium casting alloy, IN-768	1975
19750080363	Intensity Measurement Program (IMP) phase 2 study	1975
19750080366	AV-8A fuel system analysis	1975
19750080367	TAV-8A electrical subsystem effects of Mods and ECPS	1975
19750080368	Verification of Aircraft Stores Interface Manual (ASIM)	1975
19750080369	Investigation of aircraft display requirements for Microwave Landing System (MLS)	1975
19750080370	Fabrication of polyphenylquinoxaline (PPQ)-shingled carbon composites using a vented compression mold	1975
19750080371	Concept study of arming-firing devices for air-launched guided missile rocket motor igniters	1975
19750080372	Ground motion instrumentation specifications below one kilobar	1975
19750080373	Thermal and mechanical properties of carbon-carbon heatshield materials. Volume 1. Experimental procedures	1975
19750080374	Evaluation of NDT methods for small composite rocket motor components	1975
19750080375	ASVT-M multi-computer complexes in power engineering ASU's	1975
19750080376	Handbook on strength , stability and oscillations of plates	1975
19750080378	Aerodynamic characteristics of a 0.15-scale pershing 2 reentry vehicle at Mach number 1.3	1975
19750080379	Effectiveness of the static charge reducer in attenuating static charges during hydrocarbon fuel handling operations	1975
19750080390	Gas dynamic torques on agile gimbal nozzle	1975
19750080391	Development assist of CH-53E helicopter	1975
19750080392	Aircraft protection radar study	1975
19750080393	Degradation of monolithic semiconductor devices by high amplitude current pulses	1975
19750080394	Optical matched filtering for missile guidance	1975
19750080396	Test and evaluation of AN/ARC-143B UHF radio	1975
19750080406	Production engineering measure for automation of multialkali photocathode processing	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080410	Development of a linear octave-bandwidth 2- to 4-GHz transistor amplifier	1975
19750080411	Ground motion gauge development	1975
19750080412	Development of a miniaturized dye laser	1975
19750080413	Compatibility of bladder materials in nitrous oxide	1975
19750080416	J65 product support program progress report	1975
19750080417	Studies of field-assisted photocathodes for 1 to 2 microns	1975
19750080418	Improved display techniques	1975
19750080428	Evaluation of four GRAPHNOL materials	1975
19750080429	SH-3H TACNAV prototype evaluation	1975
19750080430	SATS launch bulletins	1975
19750080431	J57-P-420 engine fleet product improvement flight evaluation, phases 3 and 4	1975
19750080432	Evaluation tests of an AiResearch Model GTCP95-2CK auxiliary power unit	1975
19750080433	Analysis of methods for simulation and measurement of debris attachment to advanced-concept interceptors	1975
19750080434	Low cost manufacturing using advanced composite broadgoods	1975
19750080435	HF/DF techniques investigation	1975
19750080437	COMSEC controller for multiple radios	1975
19750080438	Airborne Weather Reconnaissance System (AWRS)	1975
19750080440	Evaluation of the T58-GE-10 engine performance at sea level and altitude conditions with a CH-46 D/F helicopter infrared suppressor installed	1975
19750080441	Correlation of combined steady-state circumferential and radial pressure distortion patterns	1975
19750080442	A-6 Ram air turbine blade vibration investigation	1975
19750080443	Evaluation of the general electric breadboard 90/120 kva variable speed constant frequency electrical generating system	1975
19750080444	ALE-37A Chaff dispenser jettison tests on the SH-3H helicopter	1975
19750080445	Environmental resistance and other characteristics of MIL-I-46058 qualified conformal coatings	1975
19750080446	Biologically active polymeric coating materials	1975
19750080447	Performance evaluation of velocity measurement systems	1975
19750080448	Investigation of gas leakage through the electrical connectors in the dome of the lance M46 gyros witch	1975
19750080450	Reconnaissance Operation Center (ROC)	1975
19750080451	Magnetic bubble research	1975
19750080453	US Navy ship-deployable tactical airborne Remotely piloted vehicle (STAR) development program	1975
19750080454	Small area sensors for aircraft security	1975
19750080455	The development and demonstration of a high temperature ring test facility	1975
19750080459	Manufacturing methods for engine fan blade repair	1975
19750080461	A feasibility study of a copper mesh exploding bridewire initiator for high explosive warheads	1975
19750080462	Flight test, evaluation and calibration of AIMS airborne ATRCBS equipment for the TE-2A/E-2B airplane	1975
19750080463	Airstart evaluation of the J65-W-20 engine with improved combustor design	1975
19750080466	AN/GRC-171 rivet switch multichannel UHF/AM transceiver	1975
19750080468	Quantitative data base	1975
19750080470	Development and testing of a gun-launchable television system	1975
19750080472	Navy communications	1975
19750080474	Penetration of doron armor material by a right circular cylinder fragment simulator	1975
19750080477	Modified AN/MPN-13 landing control central (AN/FPN-61(V))	1975
19750080478	Evaluation of cushion wrap materials	1975
19750080479	Analytical determination of the integral parameters of thin-walled nonmagnetic screens of electrical machines	1975
19750080480	Boundary layer on blades of rotating wheels of centrifugal compressor	1975
19750080481	A method for calculating loading on the tilt drive of the antenna system of radar devices	1975
19750080482	System for control of automatic lines	1975
19750080483	Diagnostics of the state of ETsVM adders	1975
19750080484	ASU equipment now and in the future	1975
19750080485	The plan for a system of automated designing in microelectronics	1975
19750080486	Present status of the problem of vibration and ways of solving it	1975
19750080487	Report on the combined meeting of the 'Flight Characteristics' and 'Flight Control' DGLR-panels	1975
19750080488	Organic photochromic substances	1975
19750080489	Particle separation in screw compressors and engines	1975
19750080490	Facility response predictions tropospheric scatter radio terminal set, AN/TRC-132A	1975
19750080491	Improved headset for use in ASW aircraft	1975
19750080492	Evaluation of over-rust primers	1975
19750080493	NAVAIRTESTCEN support and monitor of lamps Mk 3 YSH-2E short range helicopter (first and final report on cockpit mockup radiation level measurements)	1975
19750080494	An investigation of sodium superoxide as an oxidizer in magnesium-sodium nitrate illuminating flare compositions	1975
19750080500	A low cost TV guided weapon delivery system: Simulation results	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080503	Definition of aircraft survivability/vulnerability terms	1975
19750080508	Performance evaluation of a disc-gap-band personnel parachute assembly	1975
19750080509	Developmental test 2, service phase, of firing device, demolitions, XM122	1975
19750080510	Posttest information for investigation of plume effects on the stability characteristics of a body of revolution with various fin configurations (normal jet plume simulator)	1975
19750080511	The Bauschinger effect in HY-80, HY-100, HY-130, and HY 180 steels	1975
19750080515	Air-launch ICBMs: An answer for future and deterrence credibility	1975
19750080516	ACLS certification of the USS CORAL SEA (CVA 43)	1975
19750080527	A water-activated battery for use over an extended temperature range	1975
19750080531	Evaluation of 3 DQP coated discs	1975
19750080533	Evaluation of a fin mounted pitot-static AIMS system in the A-4F airplane (ECP-A4-PN66)	1975
19750080534	Evaluation of the ARINC circular spline for the Bendix 28B139 Generator input shaft	1975
19750080539	Whisker technology	1975
19750080543	Methods of emulating EVM'S	1975
19750080546	International Laser Systems (ILS) laser target simulator model NC-10-P with Harry Diamond Laboratories diffuser modification, February 1975	1975
19750080547	The 747-E4A aircraft systems description	1975
19750080548	Human centrifuge testing of the HGU-35/P experimental integrated oxygen mask/helmet system	1975
19750080550	Advanced development model Airborne Laser-Low repetition rate model ALLR-100, February - March 1975	1975
19750080552	Low-power high-density metal-oxide-semiconductor arrays, phase 1	1975
19750080553	CCD signal processors	1975
19750080555	Quarterly Progress Notes, 1 October - 31 December 1974	1975
19750080556	Progress report of ACMRR Ad Hoc Group of Experts on the Facilitation of Acoustic Research. A survey of extent and status of current research	1975
19750080557	An adaptive transformed gradient method for automatic equalization in the discrete frequency domain	1975
19750080570	The 3D carbon/carbon material design for erosion resistant nosetips (U)	1975
19750080580	Ferrite RAM (U)	1975
19750080582	Development of K33 mode TR-155 transducers for submarine sonar (U)	1975
19750080586	Tests of a 0.03-scale microfighters 5B model adjacent to a Boeing 747 model to determine aerodynamic interference effects (U)	1975
19750080603	Required Operational Capability (ROC) for an improved subsonic drone target (U)	1975
19750080607	Inlet and ramburner freejet and transition tests. Part 6: Port cover tests results and evaluation (U)	1975
19750080610	Air Force development, test and evaluation of the BGM-34B remotely piloted vehicle (U)	1975
19750080611	Advanced radar processing system AN/APS-125 (XN-1) (U)	1975
19750080612	Propulsion review. Part 4: Airbreathing propulsion research and development (U)	1975
19750080615	A survivability evaluation of selected communications and electronics equipment (U)	1975
19750080618	Evaluation of the experimental prototype Gun Low Altitude Air Defense System (GLAADS) laser, March 1975 (U)	1975
19750080620	Captive flight test programs for imaging IR guidance unit (U)	1975
19750080621	Comparative performance evaluation of the F107-WR-100 (WR19-A7D) turbofan engine using JP-4 and ALCM JP-9 fuels (U)	1975
19750080622	The role of adiabatic shear in the fragmentation of steel (U)	1975
19750080624	FMU-56D/B design change verification flight test (U)	1975
19750080626	Vulnerability of 2.75-inch rockets and tow missiles on attack helicopters (U)	1975
19750080664	ALR-46/F-105G quick-look evaluation (U)	1975
19750080697	Propagation of high energy laser beams in a ground-based environment (U)	1975
19750080699	Evaluation of laser damage on S-1 photocathodes (U)	1975
19750080712	Hot-spot tracking study (U)	1975
19750080739	Laser radar countermeasures study (U)	1975
19750080745	AN/SLR-17 (XN-1) BADEYE technical evaluation T/S-110 final test report (U)	1975
19750080746	Laser radiation effects on silicon solar cells (U)	1975
19750080747	First principle analysis of the possible mechanizations of "fly the wire" guidance (U)	1975
19750080752	Compass EARS surveillance and warning central/communications central (U)	1975
19750080766	Pattern recognition technology for I and W (U)	1975
19750080767	The F-15 initial operational test and evaluation, air-to-air, annex A (U)	1975
19750080768	The F-15 initial operational test and evaluation, air-to-ground, annex B (U)	1975
19750080769	The F-15 initial operational test and evaluation: Tactics, techniques, and procedures, annex D (U)	1975
19750080770	A concise background for SURVSATCOM (U)	1975
19750080780	Low concentration snow erosion tests of C-cap materials in the hyperballistic range (U)	1975
19750080783	Wideband command and control modem applications study (U)	1975
19750080784	Compatibility analysis of the AFSATCOM type-1 terminal within a minuteman missile wing environment (U)	1975
19750080786	NTRAN: A structured FORTRAN macro language	1975
19750080787	Design guide for reactor cover gas elastomeric seals	1975
19750080788	ICEPEL: A two-dimensional computer program for the transient analysis of a pipe-elbow loop	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19750080789	REXCO predictions of elastic and elastoplastic deformation of fluid filled pipes and comparisons with experiments of 1/10 scale FFTF pipe models	1975
19750080790	Temperature measurement errors with type K (chromel vs alumel) thermocouples due to short-ranged ordering in chromel	1975
19750080792	Radiation induced EMF developing in the insulation of metal sheathed mineral insulated high temperature thermocouples and its effects on the thermocouple signal	1975
19750080793	BLIB76 subroutine library and macro file CF76 compatible with the blibstar subroutine library and macro file CFSTAR	1975
19750080799	Analysis of one-dimensional algorithms to use with operator splitting in programs for computing wave propagation	1975
19750080800	Hot-corrosion resistance of dispersion-strengthened Fe-Cr-Al-Y	1975
19750080805	Fluidic flight control system requirements for Naval air-launched missiles, phase 4	1975
19750080817	The flight of an electronic display for the terminal guidance of civil VTOL aircraft	1975
19750080818	Some series-expansion solutions for slender wings with leading-edge separation	1975
19750080822	Problems of noise testing in ground based facilities with forward-speed simulation	1975
19760002944	Computerized procedures for airfoil design	1975
19760002945	A computer program for the analysis of multielement airfoils in two-dimensional subsonic, viscous flow	1975
19760002946	Application of numerical optimization techniques to airfoil design	1975
19760002947	TSFOIL: A computer code for two-dimensional transonic calculations, including wind-tunnel wall effects and wave-drag evaluation	1975
19760002948	Numerical integration of the small-disturbance potential and Euler equations for unsteady transonic flow	1975
19760002949	Calculation of inviscid shear flow using a relaxation method for the Euler equations	1975
19760002950	Process in application of direct elliptic solvers to transonic flow computations	1975
19760002951	Recent developments in propulsive-lift aerodynamic theory	1975
19760002952	Survey of computational methods for lift-generated wakes	1975
19760002953	Simulation of unsteady three-dimensional separated flows with interacting vortex filaments	1975
19760002954	Advanced panel-type influence coefficient methods applied to subsonic and supersonic flows	1975
19760002955	Some recent applications of the suction analogy to vortex-lift estimates	1975
19760002956	A three-dimensional solution of flows over wings with leading edge vortex separation	1975
19760002957	Advances in sonic boom theory	1975
19760002958	An integrated system for the aerodynamic design and analysis of supersonic aircraft	1975
19760002959	Indicial compressible potential aerodynamics around complex aircraft configurations	1975
19760002960	Three-dimensional, shock-on-shock interaction problem	1975
19760002961	Comparisons of theoretical and experimental pressure distributions on an arrow-wing configuration at transonic speed	1975
19760002962	Numerical modeling of tunnel-wall and body shape effects on transonic flow over finite lifting wings	1975
19760002963	Comparisons of computed and experimental pressures for transonic flows about isolated wings and wing fuselage configurations	1975
19760002964	Axisymmetric transonic flow including wind tunnel wall effects	1975
19760002965	Computational transonics	1975
19760002966	Approximate method for calculating transonic flow about lifting wing body combinations	1975
19760002967	Recent advances and concepts in unsteady aerodynamic theory	1975
19760002968	Reacting nonequilibrium flow around the space shuttle using a time split method	1975
19760002969	Computation of shuttle nonequilibrium flow fields on a parallel processor	1975
19760002970	Flow field and heating on the windward side of the space shuttle orbiter	1975
19760002971	Scaling of orbiter aerothermodynamic data through numerical flow field simulations	1975
19760002972	Computation of high-speed inviscid flows about real configurations	1975
19760002973	Numerical computation of viscous blunt body flows with a planar impinging shock	1975
19760003039	Study of variable cycle engines equipped with supersonic fans	1975
19760003075	Earth from orbit	1975
19760003102	Observations from space	1975
19760003107	Launchings of space vehicles in the USSR (March - April 1975)	1975
19760003124	Shuttle systems dynamic loads analysis	1975
19760003196	Fourier transform spectroscopy in the infrared	1975
19760003324	Oscillations of a liquid under conditions of total or partial weightlessness	1975
19760003325	One possibility for vortex generation in a laminar boundary layer	1975
19760003386	Sliding friction and load limits of flange races of tapered roller bearings. Effects of rate of revolution, load, lubricant, and contact surface configuration as found by experiment and calculation	1975
19760003608	Starvation and Refeeding of Carp (Cyprinus Carpio L)	1975
19760003616	Measurements of lysosomal enzyme activities and leucine incorporation rates in the brains of young and old rats after applications of piracetam	1975
19760003617	X-ray investigation in aviation and space medicine	1975
19760003744	Stability of the shaping of nonlaminar electron currents by a periodic magnetic field	1975
19760003747	Transmission characteristics of glass fibers	1975
19760003879	The atmosphere of the planets	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760003887	Bursts of hard X-ray emissions on 25-26 June 1971	1975
19760003943	Certain problems of experimental aerodynamics	1975
19760004011	Rotor burst protection program: Statistics on aircraft gas turbine engine rotor failures that occurred in US commercial aviation during 1973	1975
19760004012	The problem of flow mixing in a double-flow engine	1975
19760004099	Soyuz-Apollo	1975
19760004101	My blue planet	1975
19760004150	Preparation and properties of hydrogen polysulfides of organic bases	1975
19760004151	Preparation and properties of hydrogen polysulfides of organic bases, 2	1975
19760004152	A new fulminic acid synthesis. On the nature of fulminic acid formation from alcohol and nitric acid	1975
19760004153	Action of hydroxylamine on the imide ether and on amidines: Acidoximes	1975
19760004154	On the condensation of phenylnitromethane with benzaldehyde: On cis- and trans-7-nitro stilbene	1975
19760004155	On amidoximes and azoximes	1975
19760004170	High speed liquid chromatography: Applications to petroleum chemistry	1975
19760004184	Cathodic reduction of oxygen of porous titanium and chromium carbides and nitrides	1975
19760004186	Additive strength contributions	1975
19760004217	Application of cryogenic temperatures	1975
19760004258	High power motors for electric motor vehicles	1975
19760004280	Bilateral character of acoustic action on free turbulent jets	1975
19760004281	Lift height of vapor bubbles in an underheated liquid during boiling at vertical walls	1975
19760004282	A mathematical model for heat and material exchange in bubbles	1975
19760004283	Motion and filling of cavities in an unbound liquid near a plane	1975
19760004284	Motion of gas bubbles in a liquid under the influence of a temperature gradient	1975
19760004285	Presentation and discussion of results from measurements of the velocity of sliding gas bubbles in a liquid medium, carried out by different methods	1975
19760004289	Motion of a fluid with gas bubbles	1975
19760004290	The flow of individual cylindrical gas bubbles in vertical circular tubes	1975
19760004293	Measurement of Sugden's parameter with simple liquid as a function of temperature	1975
19760004351	Effect of anomalously low friction	1975
19760004447	Salyut-3 photographs the earth	1975
19760004454	Side-looking radar imagery assembly Toros for studying ice drift	1975
19760004514	The earth: Gravitational field	1975
19760004515	Estimate of the accuracy of constructing an upper-atmosphere density model from the deceleration of an artificial earth satellite	1975
19760004517	Stochastic structure of cloud and radiation fields	1975
19760004597	Evaluation of the energy expended in a learning situation (conditioning based on food reinforcement) by goldfish (Carassius Auratus L.)	1975
19760004598	Fasting and renourishment of carp (Cyprinus Carpio L.), 3	1975
19760004599	Localization of 3H-gamma-aminobutyric acid in the cochlea. Light and electron microscopic autoradiography	1975
19760004600	Chlorpromazine, piracetam, and the metabolism of brain phospholipids in the rat	1975
19760004601	Influence of Zsub 1210 cell growth of cells sterilized by ionizing radiations	1975
19760004602	Molecular memory?	1975
19760004620	Reduction of the bacterial contamination by the use of laminar flow in the construction of cardiac valves	1975
19760004621	Vision from a moving car (no.1)	1975
19760004622	Some hemodynamic indices at high altitude at rest and after intense physical exercise	1975
19760004623	An evaluation of results of ergometric studies	1975
19760004708	Symbolic procedures in machine analysis and synthesis of automatic control systems	1975
19760004766	The dispersion of NaCl in the region of its natural infrared frequency	1975
19760004767	Dispersion measurements on NaCl, KCl and KBr between 0.3 and 3mm wavelength	1975
19760004841	Orion-2: Ultraviolet spectra of weak stars	1975
19760004891	Weather and climate on the planets	1975
19760005004	Unrestricted systems	1975
19760005005	Systems with rotating appendages	1975
19760005006	Systems with nonrotating appendages	1975
19760005007	Summary and conclusions	1975
19760005078	Synthesis and mixed crystal formation of minerals of the serpentine group	1975
19760005227	Experimental and numerical investigation of boundary-layer development and transition on the walls of a Mach 5 nozzle	1975
19760005354	Spectral Reflectance Signatures of Coastal Pollutants	1975
19760005362	LANDSAT: Non-US standard catalog no. N-37	1975
19760005476	The measurement and estimation of potential evapotranspiration	1975
19760005573	The effect of rostromedial hypothalamus coagulation on the O2 uptake, rectal temperature, heat transfer, blood sugar, muscle and liver glycogen as well as on chemical thermogenesis in juvenile albino rats	1975
19760005614	Scanning electron microscopy of the lymphocyte transformation in vitro by the phytohemagglutinin	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760005963	Astrolabe experiments: Principles, tests and analysis	1975
19760006015	Rotor bust protection program: Statistics on aircraft gas turbine engine rotor failures that occurred in US commercial aviation during 1974	1975
19760006034	The ONERA F-1 pressurized subsonic wind tunnel	1975
19760006066	The Kosmos Satellites	1975
19760006112	Space electro-jet engines	1975
19760006119	Oxalic diamido-oxime and oxalic anilide oxime amido-oxide	1975
19760006121	On the succinic diamidoxime and its derivatives	1975
19760006122	On glutaric di(hydroximidine) and its derivatives	1975
19760006123	On the behavior of benzonitrolic acid	1975
19760006124	A new method for formation of amido-oximes	1975
19760006130	Research activities in the field of materials science	1975
19760006132	Super-hybrid composites: An emerging structural material	1975
19760006146	Comparison of three methods of measuring surfaces tension in polyphenyls	1975
19760006147	Combustion and gasification of coal on the grate	1975
19760006209	Structural ceramics	1975
19760006333	Cellular vortices in a liquid layer. Part 1: General description of the phenomena	1975
19760006334	On the measurement of the velocity in a turbulent flow near a smooth wall by means of a hot-wing anemometer	1975
19760006335	The shearing effect of vapor flow on laminar liquid flow in capillaries of heat pipes	1975
19760006336	Study of normal shock wave-turbulent boundary layer interaction phenomena in view of application to transonic turbomachines	1975
19760006337	Impact characteristics of supersonic jets in the presence of reflected acoustic waves	1975
19760006370	Device for calibration of gas analyzers	1975
19760006459	Drainage network analysis using Skylab imagery, aerial photographs and maps: A case study from SE Spain	1975
19760006462	An inventory of irrigated lands for selected counties within the state of California based on Landsat and supporting aircraft data	1975
19760006477	Users manual for ERTS satellite (LANDSAT) data	1975
19760006479	Aerial super-low-volume spraying for protecting forests	1975
19760006501	Wind energy utilization: A bibliography with abstracts, cumulative volume 1944/1974	1975
19760006578	Amino acids, hydrocarbons, and other organic compounds in juvenile volcanic ash	1975
19760006579	Observations of the ionospheric absorption compared with parameters of the stratospheric circulation	1975
19760006580	Ozone as an indicator of atmospheric processes	1975
19760006581	Simulation studies of the SHF radiation characteristics of soils under moist conditions	1975
19760006582	The electrical parameters of sandy and loamy soil in the centimeter, decimeter and meter wave ranges	1975
19760006583	The complex method of studying the contribution of water vapor to atmospheric transmission in the 8-13 micron window	1975
19760006638	Aerial super-low-volume spraying for plant protection	1975
19760006646	Hydrostatic pressures within the eye	1975
19760006672	Physiological and psychological foundations of work	1975
19760006855	Thermodynamic cycles of a lithium bromide absorption device	1975
19760006918	Apollo 15 voice transcript pertaining to the geology of the landing site	1975
19760006926	Relic radiation	1975
19760006957	A STOL airworthiness investigation using simulations of representative STOL aircraft	1975
19760006961	Skin friction in a turbulent boundary layer with a positive pressure gradient	1975
19760007033	Advanced Cost Estimating and Synthesis Techniques for Avionics	1975
19760007078	Proceedings of 2-D Aerospace Testing Seminar	1975
19760007117	Technical and economical considerations on the use of self-supporting plastic sandwich constructions in electrical vehicles	1975
19760007125	The combustion process in powdered coal firing	1975
19760007126	Concentration profiles in front of a carbon surface burning in a flow of oxygen. 2: Calculation of the concentration profiles	1975
19760007127	Determining the concentration of alcohol and ether vapors in exhaust alcohol-ether mixtures with the aid of a Zeiss gas interferometer	1975
19760007185	Effects of the physiological environment on the long-term physical performance of polymeric materials	1975
19760007198	Quantifying the benefits to the national economy from secondary applications of NASA technology	1975
19760007199	Chapter 1: Objectives and approach	1975
19760007200	Chapter 2: Cryogenic multilayer insulation	1975
19760007201	Chapter 3: Gas turbines in the production of electric power	1975
19760007202	Chapter 4: Integrated circuits	1975
19760007203	Chapter 5: NASTRAN	1975
19760007204	Chapter 6: Conclusions and implications	1975
19760007205	Appendix A: Intermediate good and consumers' surplus	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760007207	Investigation of the operating processes of an absorption lithium-bromide refrigeration machine with a spray generator	1975
19760007209	DSN functions and facilities and DSN command system Mark 3-75	1975
19760007210	Viking mission support	1975
19760007211	Helios mission support	1975
19760007212	S-band zero-delay device multipath tests on the 64-meter antenna at DSS 43, DSS 63, and DSS 14	1975
19760007213	Calculating acquisition behavior for completely digital phase-locked loops	1975
19760007214	The effect of noise and diversity on synthetic array radar imagery	1975
19760007215	An X-band radiometer for the microwave weather project	1975
19760007216	Aerodynamic static differential pressure values for the 50 percent porous reflector dish	1975
19760007217	RF automation demonstration, transmitter automation, and automatic microwave configuration control	1975
19760007218	Doppler spectrum extraction of planetary radar data using computer FFT and integration	1975
19760007219	Radar ranging of the planet Mars at 8495 MHz	1975
19760007220	Automatic control of DSS 13	1975
19760007221	Pseudo-DRVID: A new technique for near-real-time validation of ranging system data	1975
19760007222	Operations analysis of intermediate data record production in the Viking era	1975
19760007290	Relation between efficiency and range of electric vehicles	1975
19760007291	Electric propulsion for road vehicles: State of the art and problems	1975
19760007327	Pulsations of a spherical bubble in incompressible fluid	1975
19760007331	Hydrodynamics in weak force fields: Onset of thermocapillary convection in a spherical fluid film under conditions of weightlessness	1975
19760007522	Effectiveness of using absorption and compressor refrigeration machines in central heating and cooling systems	1975
19760007523	Discharge data of lead batteries and their influence on the optimization of the storage capacity of electrical vehicles	1975
19760007621	Report on scientific activity in meteorology and atmospheric physics, 1971 - 1974	1975
19760007662	Conservation of energetic balance as a basis of adaption process	1975
19760007701	The physiological basis of industrial work	1975
19760007846	Gas temperature in a plasma produced by a carbon monoxide laser	1975
19760007869	Diagram of the entropy-temperature of the equilibrium phases of a lithium bromide solution in water	1975
19760007909	Symposium on Scientific Satellites (Symposium on Space Observation - 1975). Session 5: Plans of planetary exploration, 2	1975
19760007910	Venus reveals secrets	1975
19760007911	Origin of the moon	1975
19760007912	Argon in the Martian atmosphere. Do the Mars-6 results agree with optical and radio refraction observations?	1975
19760008287	Driving cycles for electric urban vehicles and methods for obtaining them	1975
19760008288	Contribution to the theory of the electric vehicle	1975
19760008318	Certain problems and methods of the linear theory of hydrodynamic stability	1975
19760008504	Survey of hydrogen production and utilization methods. Volume 3: Appendixes	1975
19760008643	Infrared laboratory spectroscopy in support of stratospheric measurements	1975
19760008644	LIDAR support for the LACATE balloon experiment	1975
19760008645	Rocket measurements of ozone and relative solar irradiance profiles	1975
19760008666	In-situ water vapor measurements in stratospheric aircraft flights	1975
19760008883	Apollo 17 voice transcript pertaining to the geology of the landing site	1975
19760008936	Incompressible viscous flow in a driven cavity	1975
19760008937	Application of upstream weighted differencing to the driven cavity problem	1975
19760008938	Solution of the incompressible driven cavity problem using the Crocco method	1975
19760008939	Solution of the driven cavity problem in primitive variables using the SMAC method	1975
19760008940	Solution of the incompressible driven cavity problem by the alternating-direction implicit method	1975
19760008941	Comparative study of two numerical techniques for the solution of viscous flow in a driven cavity	1975
19760008942	Calculation of steady viscous flow in a square driven cavity by the artificial compressibility method	1975
19760008943	Finite-difference solution for the incompressible driven cavity flow problem	1975
19760008944	Cubic spline solution for the driven cavity	1975
19760009080	Feasibility of an ion engine for engineering test satellite. 3: Examination of electronic instruments mounted on the satellite 3 for the purpose of technical study	1975
19760009107	Improving reliability in computer-aided identification of chemical spectra. An approach based upon hypothesis testing	1975
19760009249	Much discussed electric vehicle: Will it become a reality?	1975
19760009288	An optical method for the study of the distribution of diffusing gas concentrations along a capillary	1975
19760009516	Satellite relay and processing of hydrologic data in South Florida	1975
19760009653	Space-earth forecasts	1975
19760009662	Psychological problems of interplanetary flight	1975
19760009693	Attempt to understand abstraction	1975
19760009931	Research on cosmophysics and aeronomy	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760010274	Spectroscopy: Conditions of stigmatism for Rowland setups equipped with concave holographic gratings	1975
19760010318	Friction, wear and noise of slip ring and brush contacts for synchronous satellite use	1975
19760011026	Operational description of an experimental digital avionics system for STOL airplanes	1975
19760011161	Concentration profiles in front of a carbon surface burning in a flow of oxygen. 1: Experimental results	1975
19760011374	Analysis and synthesis of mechanisms	1975
19760011375	Kinematic analysis of the steering linkage of an automobile	1975
19760011376	New methods of synthesis of mechanisms for reproducing and enveloping curves	1975
19760011377	Determination of momentum in three-link mechanisms with a higher pair of the 4th class	1975
19760011378	A method of calculating the change in primary dimensions of mechanisms due to wear for the purpose of estimating their reliability	1975
19760011379	Calculation of kinematic parameters of radial-piston multipass hydraulic motors with guide block profile consisting of arcs of circles	1975
19760011380	Nomographs for selecting optimal laws of motion of driven links of cam mechanisms	1975
19760011381	Design of a four-link mechanism for reproducing a given motion	1975
19760011382	Synthesis of cam lever mechanisms for different types of motions of driven links	1975
19760011383	Effects of errors in the working profile of the cam on velocity and acceleration of the follower	1975
19760011384	Kinematic study of spatial mechanisms by the technique of vector analysis	1975
19760011385	A method of analytical synthesis of plane toothed lever mechanisms	1975
19760011386	Two simple methods of regulating motion of the driven link in three-dimensional single contour mechanisms	1975
19760011387	Synthesis of a toothed lever transmission mechanism	1975
19760011388	Design of three dimensional four-link mechanisms conforming to the travel of the driven link and coefficient of increase in velocity of the reverse stroke	1975
19760011389	Classification of slotted bar and lever mechanisms of discontinuous motion	1975
19760011390	Peculiarities of the Lagrangian method in the synthesis of mechanisms	1975
19760011391	Design of cam elements of electrical switches	1975
19760011392	Synthesis of cam-planetary-connecting rod mechanism with reverse stroke and stop	1975
19760011393	Determination of the zones of existence of slotted lever mechanisms	1975
19760011394	Three-dimensional five-link hinged mechanisms	1975
19760011395	Kinematic study of three-dimensional three-link lever mechanisms using analytical methods	1975
19760011396	An approximate method for synthesizing a hinged lever amplifying mechanism of a molding press	1975
19760011397	Dynamic force analysis of plane-mechanisms in three-dimensional space	1975
19760011398	Analysis of the structural and the technical errors of six-link mechanisms in the dwell zone	1975
19760011399	Fundamentals of the theory of dynamic synthesis of cam mechanisms	1975
19760011400	Kinematic and force analysis of spatial mechanism of pneumatic and hydraulic drive for stopcocks of gas mains of type DU 1000	1975
19760011401	Design of automats with photoelectronic devices for the control and measurement of linear dimensions and areas	1975
19760011402	A nomographical method for the synthesis of multiple contour plane hinged-lever mechanisms	1975
19760011403	Techniques for synthesizing adjustable lever mechanisms	1975
19760011404	An approximate technique for the synthesis of disk cam mechanisms	1975
19760011405	The problem of existence of the crank in the spatial four-link mechanism with two turning and two spherical pairs	1975
19760011406	Functions with minimum deviations from zero in problems of synthesis of cam mechanisms	1975
19760011496	Agricultural interpretation technique development	1975
19760011633	Recalibration of Bartels geomagnetic activity indices Kp and ap to include universal time variations	1975
19760012041	A simulator evaluation of tentative STOL airworthiness criteria. Volume 1: Simulation results and analysis	1975
19760012042	A simulator evaluation of tentative STOL airworthiness criteria. Volume 2: Background information	1975
19760012549	Ionospheric processes	1975
19760012953	A decametric wavelength radio telescope for interplanetary scintillation observations	1975
19760013318	Heat Pipe Technology: A bibliography with abstracts	1975
19760013319	Heat Pipe Technology: A bibliography with abstracts	1975
19760013372	Development of an optical carbon monoxide detector	1975
19760013486	The Gravity and Shape of the Moon	1975
19760013537	Hydrogen energy: A bibliography with abstracts. Annual supplement, 1974	1975
19760013538	Quarterly literature review of hydrogen energy: A bibliography with abstracts. First quarter, 1975	1975
19760013539	Quarterly literature review of hydrogen energy: A bibliography with abstracts. Second quarter, 1975	1975
19760013794	A class of compact high speed parallel multiplication schemes	1975
19760014133	Studies relative to an induction pressurized transonic wind tunnel. C: Final design of the DERAT T2 wind tunnel	1975
19760014136	The 1.5 inch ultra-high-speed cavitation tunnel at the Applied Research Laboratory of the Pennsylvania State University	1975
19760014335	Heat pipe technology: A bibliography with abstracts	1975
19760014550	Corn growth as monitored by radar	1975
19760014587	Application of Skylab and ERTS imagery to fault tectonics and earthquake hazards of peninsular ranges, California; southwestern	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760014588	Solar Thermal Energy Utilization: A bibliography with abstracts	1975
19760015134	Orbits of cooperation	1975
19760015475	Proceedings of the 22d Meeting of the Mechanical Failures Prevention Group: Detection, diagnosis and prognosis	1975
19760016244	Analysis of solar effects upon observed Doppler noise during the Helios 1 second solar conjunction	1975
19760016567	Atchafalaya River basin study. Part 5: Evaluation of satellite remote sensing and automatic data techniques for characterization of wetlands and coastal marshlands (Skylab)	1975
19760016585	Author index to published ERTS-1 reports	1975
19760017029	On the reality of a sun-weather effect	1975
19760017030	Relation of the observed far ultraviolet solar irradiance to the solar magnetic sector structure	1975
19760017232	Space transportation system payloads mission control study. Volume 1: Final summary report	1975
19760017233	Space transportation system payloads mission control study. Volume 2-A: Flight control functions	1975
19760017234	Space transportation system payloads mission control study. Volume 2-B: Types and locations of parties involved	1975
19760017235	Space transportation system payloads mission control study. Volume 2-C: General investigation of present/planned NASA-wide facilities available	1975
19760017236	Space transportation system payloads mission control study. Volume 2-C: Investigation of present/planned NASA-wide facilities available. Appendix A: NASA/ARC capabilities	1975
19760017237	Space transportation system payloads mission control study. Volume 2-C: Investigation of present/planned NASA-wide facilities available. Appendix B: NASA/GSFC capabilities	1975
19760017238	Space transportation system payloads mission control study. Volume 2-C: Investigation of present/planned NASA-wide facilities available. Appendix C: NASA/JPL capabilities	1975
19760017239	Space transportation system payloads mission control study. Volume 2-C: Investigation of present/planned NASA-wide facilities available. Appendix D: NASA/JSC capabilities	1975
19760017240	Space transportation system payloads mission control study. Volume 2-C: Investigation of present/planned NASA-wide facilities available. Appendix E: NASA/KSC capabilities	1975
19760017241	Space transportation system payloads mission control study. Volume 2-C: Investigation of present/planned NASA-wide facilities available. Appendix F: NASA/LaRC capabilities	1975
19760017242	Space Transportation System Payloads Mission Control Study	1975
19760017243	Space transportation system payloads mission control study. Volume 2-D: Allocation of flight control ground functions	1975
19760017244	Space transportation system payloads mission control study. Volume 2-E: Operational information flow and processing	1975
19760017245	Space transportation system payloads mission control study. Volume 2-F: Definition of system concepts	1975
19760017792	The Effects of a 12-Hour Shift in the Wake-Sleep Cycle on Psychological and Biochemical Responses and on Multiple Task Performance	1975
19760018032	Observations of heavy-element recombination lines in the Rho Ophiuchi dark cloud at 13 cm wavelength	1975
19760018435	Correlations by the entrainment theory of thermodynamic effects for developed cavitation in venturis and comparisons with Ogive data	1975
19760019653	Material of studies of mesospheric clouds	1975
19760019742	Basic Data for Planning Life-Support Systems	1975
19760019747	Habitability of Spacecraft	1975
19760020015	Aerospace cost savings: Implications for NASA and the industry	1975
19760020041	Aeronautics and space report of the President, 1975 activities	1975
19760020218	The cosmodrome	1975
19760020230	Space transport systems	1975
19760020428	Heat Pipe Technology. A Bibliography with Abstracts	1975
19760021022	Technology Utilization	1975
19760022578	Planning applications in east central Florida	1975
19760023092	A study of automotive aerodynamic drag	1975
19760023355	Matrix Analysis of Linear Induction Machines	1975
19760023433	Terrain Response to an Orbiting Microwave Radiometer/Scatterometer	1975
19760025263	Liquid Propellant Dynamics Analysis	1975
19760025473	Lean mixture engines testing and evaluation program. Volume 2: Comprehensive discussion	1975
19760026424	Lean mixture engines testing and evaluation program. Volume 1: Executive summary	1975
19760026425	Lean mixture engines testing and evaluation program. Volume 3: Appendices	1975
19760034931	Evaluation of the NASA Animal Exposure Chamber as a Potential Chamber for Fire Toxicity Screening Tests	1975
19760042529	Unified Mars life detection system	1975
19760065338	NERVA engine explosive destruct system, subtask 1.6	1975
19760065735	Specification catalog	1975
19760065738	Six month's status report, 15 Apr. - 15 Oct. 1975	1975
19760065739	Planetary observations and data interpretations	1975
19760065740	Interiors of the giant planets	1975
19760065741	Semiannual status report, 1 May - 31 Oct. 1975	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760065752	Planning communication networks to deliver educational services	1975
19760065753	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1975
19760065754	Accidental non-ideal explosions	1975
19760065758	Case studies of innovation in the educational service sector	1975
19760065759	Telecommunications and black Americans: A survey of ownership, participation and control	1975
19760065760	Cornell University remote sensing program	1975
19760065778	Support of lunar laser ranging system in Australia	1975
19760065779	Azimuthal brightness variations in Saturn's rings	1975
19760065780	Wetting phenomena in metals and ceramics	1975
19760065781	Large scale disturbances mechanism of jet noise generation	1975
19760065782	High resolution observations of the diffuse Lyman alpha sky background	1975
19760065783	The application Brillouin scattering to flow field diagnostics	1975
19760065784	Study of low frequency hydromagnetic waves using ATS-1 data	1975
19760065785	Gluconeogenesis and glycogenolysis: The 24-hour pattern and correlation of several physiologic functions	1975
19760065787	Computer and wind tunnel development of flaps and control surfaces for advanced technology general aviation airfoils	1975
19760065789	Semiannual status report	1975
19760065790	Semiannual status report, 1 April - 31 October 1975	1975
19760065824	Infrared spectroscopy of the planets from 1-5.6 microns with the medium resolution LPL Fourier spectrometer from the NASA Airborne IR Observatory	1975
19760065825	Source Evaluation Board Manual	1975
19760065826	Large eddy structure of a turbulent boundary layer	1975
19760065827	Physical properties of molecular clouds	1975
19760065828	Remote Sensing Center grant program summary	1975
19760065829	Refined methods of aeroelastic analysis and optimization	1975
19760065968	Rover flight safety program preliminary review. 4: Safety analysis report, radiological considerations in nuclear flight safety	1975
19760065984	Space shuttle Solid Rocket Booster (SRB) recovery system	1975
19760066093	A research program in determination of heavy metals in sediments and benthic organisms in relation to nuclear power plant operation	1975
19760066098	Study of rolling element dynamic interactions with separators and raceway paths	1975
19760066100	Quantitative studies of hair cells and nerve endings in the maculae and cochleae of animals, and in the vestibular and cochlear nuclei	1975
19760066101	Thermomagnetic analysis of meteorites. 3: C3 and C4 chondrites	1975
19760066325	Amplification of Reynolds number dependent processes by wave distortion	1975
19760066326	Operation of the Haleakala Lunar Ranging Observatory	1975
19760066327	Application of physicochemical instrumentation techniques to the analysis of thermophilic microorganisms and sterilization resistant microbial spores	1975
19760066330	Seismotectonic studies of areas of major worldwide earthquakes utilizing ERTS images	1975
19760066331	Detection techniques for tenuous planetary atmospheres	1975
19760066441	Closed form Glauber cross sections in p-H and e(-)-H collisions	1975
19760066463	Number flux measurements on sharp plates and wedges in the kinetic flow regime	1975
19760066470	Sonic boom research	1975
19760066496	Catalysts for electrochemical generation of oxygen	1975
19760066509	Preliminary planning for implementation of modularized standardized subsystems, appendix	1975
19760066510	Design integration and noise study for a large STOL augmentor wing transport, task 1 report	1975
19760066529	Specification no. 76Z0500 booster vehicle prime item specification. Part 1: Space shuttle system	1975
19760066563	Apollo 14 voice transcript pertaining to the geology of the landing site, volume 3	1975
19760066570	Apollo 16 voice transcript pertaining to the geology of the landing site	1975
19760066571	Reduced state feedback gain computations	1975
19760066689	Gas chromatographic mass spectrometric computer analysis of volatile components in blood plasma from hemodialysis patients	1975
19760066691	Medium energy physics program	1975
19760066692	Semiannual status report, 1 June - 1 December 1975	1975
19760066709	Fast and delayed penetration of the interplanetary electric field to the earth's magnetosphere	1975
19760066741	Physiological responses to environmental factors related to Space flight	1975
19760066745	Mineralogic and petrologic study of the low-temperature minerals in carbonaceous chondrites	1975
19760066752	OAO-2 data analysis program	1975
19760066754	Zodiacal light rocket research program	1975
19760066755	Stellar ultraviolet rocket research program	1975
19760066761	Kinetics of the reactions of acid anhydrides with aromatic amines in aprotic solvents	1975
19760066764	Theoretical studies of the solar corona and chromosphere	1975
19760066817	2P3/2:2P1/2 partial photoionization cross-section ratios in the rare gases	1975
19760066897	Fire Dynamics of Modern Aircraft from a Materials Point of View	1975
19760066898	Comparative tectonics: The San Andreas and Alpine fault systems	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760066901	Data set for background investigation of atmospheric constituents for Richmond, Virginia area. Attachment 5: Interdisciplinary study of atmospheric processes and constituents of the mid-Atlantic coastal region	1975
19760066903	Theoretical and experimental studies in ultraviolet solar physics	1975
19760066906	Comfort judgements as a function of age of passenger and noise and vibration encountered on urban mass transit vehicles	1975
19760066967	Interactions between polymers and micellar lipids	1975
19760067026	Forestry applications exploratory study project	1975
19760067027	Water mapping from satellite data: An automated procedure	1975
19760067032	Applications of Skylab earth resources data	1975
19760067767	Time course of visual information transfer during aircraft control problems	1975
19760068238	Crew appliance computer program manual	1975
19760068426	Hypersonic research engine project. Phase 2A: Instrumentation program	1975
19760068465	Videomagnetograph operations at Big Bear	1975
19760068488	Summary of minutes, NASA Research and Technology Advisory Council, Committee on Aerodynamics and Configurations	1975
19760068561	Summary of nuclear propulsion applicability	1975
19760069029	A Modified Benedict-Webb-Rubin Equation of State of Parahydrogen-2	1975
19760069166	Materials processing in space newsletter, Volume 1, no. 1	1975
19760069603	Shuttle sortie communication experiment definition study	1975
19760069609	Semiannual report no. 29, 1 Jul. - 31 Dec. 1975	1975
19760069621	Lunar dynamics and selenodesy: Results from analysis of VLBI and laser data	1975
19760069622	Quarterly progress report	1975
19760069624	Program of research in environmental modeling	1975
19760069625	Uranium in rock standards JG-1 and JB-1	1975
19760069626	Uranium in NIMROC standard igneous rock samples	1975
19760070152	Research in particles and fields	1975
19760071117	Large space telescope high resolution spectrograph instrument definition team	1975
19760071120	Thermodynamics and kinetics of reactions in protective coating systems	1975
19760071173	Applications of beam-foil spectroscopy to atomic collisions in solids	1975
19760071349	Prediction of the creep properties of discontinuous fiber composites from the matrix creep law	1975
19760071403	Short-time; high temperature mechanical testing of electrically conductive materials	1975
19760071802	An atmospheric cloud physics laboratory for the space laboratory	1975
19760071803	Microbiological performance testing on the water management sub-system for a four-man space capsule	1975
19760071833	Shuttle master verification plan. Volume 4: Solid rocket booster verification plan, preliminary draft, revision A	1975
19760071887	Environment research branch	1975
19760071888	Interrelationships of chemical and physical information at Quillayute, Washington for 1974	1975
19760072091	NASA Symposium/75	1975
19760072151	Princeton Solar Telescope (PST) feasibility study	1975
19760072186	Hypersonic research engine project. Phase 2A: Environmental specification	1975
19760072187	Hypersonic research engine project. Phase 2A: Instrumentation development plan	1975
19760072207	Detection and synchronization of delay modulation	1975
19760072620	Rocket-borne wave field, and plasma observations in unstable polar cap E-region	1975
19760072622	The perpendicular bow shock	1975
19760072652	Solid rocket propellant waste disposal/ingredient recovery study	1975
19760072819	ISIS-II ion composition experiment	1975
19760073065	Apollo Soyuz test project: Joint crew activities plan	1975
19760073098	ASTP July 15 launch final flight plan	1975
19760073100	A Conference on Cardiovascular Imaging and Image Processing: Ultrasound, Angiography and Isotopes. Abstracts of presentations	1975
19760073423	Fatigue crack growth at elevated temperature 316 stainless steel and H-13 steel	1975
19760073437	An Experimental/Analytical Determination of Transporter Loads on the Viking Spacecraft	1975
19760073438	Determination of Propellant Effective Mass Properties Using Model Test Data	1975
19760073439	Unique Flight Instrumentation/Data Reduction Techniques Employed on the Viking Dynamic Simulator	1975
19760073440	Analytical Prediction and Correlation for the Orbiter During the Viking Spacecraft Sinusoidal Vibration Test	1975
19760073441	Fail Safe Forced Vibration Testing of the Viking 1975 Developmental Space Craft	1975
19760073681	Heat exchanger: Ingot casting/slicing process. Silicon sheet growth development for the large area silicon sheet task of the low cost silicon solar array project.	1975
19760073970	Properties of the moon and its environment from lunar magnetometer measurements	1975
19760073995	Theoretical studies of the ionosphere using satellite and ground based observations	1975
19760074024	Photosynthesis and porphyrin excited state redox reactions. Part 3: Chlorophyll and photosynthesis	1975
19760074025	Coriolis interaction between 2nu sub t and 2nu sub n for axially symmetric molecules of the group C sub 3 nu. Application	1975
19760074026	Studies on the aerobic acetal-coenzyme A synthetase of Saccharomyces cerevisiae: Purification, crystallization, and physical properties of the enzyme	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760074027	Graphite fiber reinforced bone cement. An experimental feasibility investigation	1975
19760074029	Paraxial ray analysis of a cat's-eye retroreflector: Comments	1975
19760074030	Comments on Darrell F. Stobel's discussion of paper by S. S. Prasad and A. Tan, the Jovian ionosphere	1975
19760074031	Spectrum of H ₂ O-18 in the 2900 to 3400/cm region	1975
19760074032	A new approach to coding displayed mathematics for photocomposition	1975
19760074033	Experimental-theoretical comparisons of 1S1 yields 2P1 differential magnetic sublevel cross sections for electron-helium scattering at 60 eV	1975
19760074492	Angular distribution studies of non-characteristic X-radiation	1975
19760074494	Difference in the production of noncharacteristic radiation in solid and gas targets	1975
19760074496	Fabrication and delivery of hybrid switches	1975
19760074737	The finite element method applied to analysis of complete two-dimensional aerodynamic flowfields	1975
19760074759	Description of the VAK 191B	1975
19760074760	Technology application studies for supersonic cruise aircraft, volume 1	1975
19760074761	Airframe materials and weight study, section 1	1975
19760074762	Structural analysis, section 1	1975
19760074763	Mass properties analysis, section 1	1975
19760074764	Aerodynamic analysis, section 1	1975
19760074765	Computer methods used for all configurations, section 1	1975
19760074766	Application of composite materials to secondary structure, section 2	1975
19760074767	Airplane configuration description, section 2	1975
19760074768	Weight and cost analysis, section 2	1975
19760074769	Payoff studies, section 2	1975
19760074770	Composite reinforced titanium structure, section 3	1975
19760074771	Structural analysis, section 3	1975
19760074772	Fail-safe analysis, section 3	1975
19760074773	Flutter analysis, section 3	1975
19760074774	Composite panel optimization program (HIDACG), section 3	1975
19760074775	Impact of acoustic loadings on the structure, section 4	1975
19760074776	Noise level estimates, section 4	1975
19760074777	Structural analysis, section 5	1975
19760074778	Engine company coordination, section 5	1975
19760074779	Engine/airframe compatibility studies	1975
19760074780	Low by pass engine/airplane configuration, section 6	1975
19760074781	Improved variable stream control engine/airplane configuration, section 6	1975
19760074782	Technology application studies for supersonic cruise aircraft, volume 2	1975
19760074783	High lift systems, section 7	1975
19760074784	Horizontal tail requirements, section 7	1975
19760074785	Vertical tail requirements, section 7	1975
19760074786	Outer wing panel study, section 7	1975
19760074787	Fuselage constant section study, section 7	1975
19760074788	Control systems analysis, section 7	1975
19760074789	Flight control simulation, section 7	1975
19760074790	Climatic Impact Assessment Program (CIAP) evaluation, section 7	1975
19760074791	Economic and systems analysis, section 7	1975
19760074792	A simulator analysis of the F-14A airplane automatic carrier landing system	1975
19760074794	Postflight analyses for Delta Program Mission no. 108: SMS-B mission	1975
19760074795	Postflight analyses for Delta Program Mission no. 109: GEOS-C mission	1975
19760074796	Postflight analyses for Delta Program Mission no. 110-Telesat-C mission	1975
19760074797	Postflight analyses for Delta Program Mission no. 111, Nimbus-F mission	1975
19760074798	Postflight analyses for Delta Program Mission no. 104: ITOS-G mission	1975
19760074801	Consolidated instrumentation plan for ASTP	1975
19760074811	Postflight analyses for Delta Program Mission no. 103: Westar-B mission	1975
19760074830	Data director for the HEAO-A2 cosmic X-ray experiment	1975
19760074839	Reduction and analysis of existing space shuttle ground wind loads data	1975
19760074849	Postflight analyses for Delta program mission no. 106: Symphonie-A mission	1975
19760074850	Postflight analyses for Delta Program Mission no. 107: LANDSAT-B mission (ERTS-B mission)	1975
19760074880	Low cost computer subsystem for the Solar Electric Propulsion Stage (SEPS)	1975
19760074896	Use of FLOX/methane propellant combination for a transfer stage related to Europa 3. Part 2, volume 3: Choice of techniques and technologies, study of propellant positioning before reignition	1975
19760074922	Study for the optimization of thermophysical properties of polybenzimidazole foams, parts 1 and 2	1975
19760074942	VHF ranging system (GRARR-1) performance during simulated OTS antenna pattern nulls	1975
19760074946	Development for application of parylene coating	1975
19760074965	An experiment definition study for a radiation climate radiometer	1975
19760074966	Optical data analysis using test bed concepts	1975
19760074967	Noise identification tests of the Draper Laboratory TGG	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760074975	Development and testing of a spaceborne laser ranging system engineering model	1975
19760074985	NASTRAN DMAP improvements, matrix conditioning and other checks	1975
19760075001	Skylab film analysis and reduction	1975
19760075002	The effect of the electrolyte on the open circuit potentials of a nickel cadmium cell	1975
19760075003	Automated colorimetric analysis of nickel-cadmium cells. 1: Electrolyte. 2: Positive plate	1975
19760075010	Midlatitude sector effects?	1975
19760075011	Wind profile description manual	1975
19760075012	Satellite-based case studies of latent heat release in a tropical and an extratropical storm	1975
19760075015	Earth orbital teleoperator systems concepts and analysis: First performance review	1975
19760075016	Earth orbital teleoperator systems concepts and analysis: Mid-term review	1975
19760075017	Concept and analytical basic for revistas: A fast, flexible computer/graphic system for generating periodic satellite coverage patterns	1975
19760075019	Evaluation of the V/STOLAND basic/research software	1975
19760075020	A computer program to calculate the projected area of any collection of polyhedrons	1975
19760075021	Software systems for Explorer 45 (S sup 3-A) data analysis	1975
19760075022	WIREROUT users guide, version 1.0	1975
19760075025	Crystals and collimators for X-ray spectrometry	1975
19760075026	Laser-induced fluorescence of gaseous free radicals: The internal state distributions of CN radicals produced in the photodissociation of ICN	1975
19760075027	Configuration management: Project definition and control	1975
19760075028	Laboratory for optical astronomy: Computer user's guide	1975
19760075029	Local and large scale galactic gamma-ray emission	1975
19760075031	Ground effects for jet lift tool VTOL	1975
19760075046	Summary report: Advanced cost estimating and synthesis techniques for avionics	1975
19760075048	Long period nodal motion of sun synchronous orbits	1975
19760075168	Space system cost model. Volume 3: Data book, candidate minimum cost electronic equipment	1975
19760075178	Advanced shuttle payloads sizing study	1975
19760075187	GEOS-3 altimeter attitude and wave height bias	1975
19760075193	Development of solid rocket motor vibroacoustic structural data banks	1975
19760075269	Measurements of radar backscatter from a hybrid of sorghum	1975
19760075270	The effect of look direction on the radar return from a row crop	1975
19760075302	Hardening of IR sensors against laser damage (U)	1975
19760075303	Infrared optical switch, model and experiment	1975
19760075306	Laser hardened chalcogenide glass infrared windows	1975
19760075309	Technique for measurements of laser-induced microwave loss for radome materials	1975
19760075318	Test and evaluation of graphite materials	1975
19760075320	Mass spectrometry applied to laser hardening	1975
19760075323	Estimates on the ignition of high-explosives by laser pulses	1975
19760075328	Aircraft fuel tank vulnerability to the laser weapon (U)	1975
19760075345	Development of a unified analysis for CW laser effects	1975
19760075346	Simple formulas for CW laser burnthrough times when radial heat conduction is significant	1975
19760075348	Onset of laser damage to aerospace metals as related to surface conditions	1975
19760075349	Infrared absorptances of Ti-6Al-4V and 304 stainless steel at elevated temperatures	1975
19760075352	Aerodynamic enhancement of laser effects by droplet entrainment and removal	1975
19760075354	Effect of laser beam intensity and sample thickness on the penetration of painted alloys	1975
19760075355	The effect of an aerodynamic environment on the penetration of painted aluminum, stainless steel and unpainted titanium	1975
19760075360	Pre-burn-through failure of tensile-loaded 2024-T3 aluminum alloy sheet	1975
19760075361	Scaling laws for efficient impulse delivery and plate rupture by laser-supported detonation waves	1975
19760075367	Laser Damage evaluation of composites under load	1975
19760075368	An experimental investigation of mechanisms of laser degradation of materials	1975
19760075374	Vaporization response of refractory materials to pulsed-laser heating	1975
19760075375	The effect of microstructure and composition on the thermal diffusivity of structural ceramics	1975
19760075376	Analytic solutions for plasma initiation above laser-irradiated surfaces	1975
19760075377	An experimental investigation of initiation mechanisms of laser supported combustion waves	1975
19760075379	Mechanisms of enhanced coupling by a pulsed laser	1975
19760075380	Duration of hydrodynamic effects for a laser supported combustion wave propagating from a target	1975
19760075381	Large-spot thermal coupling measurements	1975
19760075382	Further experimental observations of the interaction of pulsed five-micron radiation with solid matter	1975
19760075383	Thermal deposition experiments with microsecond duration CO 2 laser radiation	1975
19760075399	Study of the modifications needed for efficient operation of NASTRAN on the CDC 7600 computer	1975
19760075436	Pilot's manual for the 4D area navigation and autopilot systems in the flight management research simulator	1975
19760075439	Vortex Information Display System (VIDS) program description manual	1975
19760075440	Vortex information display system user's manual	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760075449	Regional Technology transfer program	1975
19760075453	Self-correcting transonic wind tunnel	1975
19760075454	Survey of local airflow characteristics at the plane of the cowl lip of the left inlet of a 1/12-scale model of the YF-12 supersonic aircraft: A data report, volume 1	1975
19760075455	Survey of local airflow characteristics at the plane of the cowl lip of the left inlet of a 1/12-scale model of the YF-12 supersonic aircraft: A data report, volume 2	1975
19760075469	Development of an advanced fluidic rudder system	1975
19760075530	Spacelab operations at the shuttle launch site. Detailed technical report. Volume 2: Final report	1975
19760075531	Spacelab operations at the shuttle launch site, executive summary	1975
19760075882	Acoustic testing of the S-IC aft skirt, volume 1	1975
19760075883	Acoustic testing on the S-IC aft skirt, volume 2	1975
19760075917	Concept definition and systems analysis study for a Solar Electric Propulsion Stage. Volume 1: Executive summary	1975
19760075918	Concept definition and systems analysis study for a Solar Electric Propulsion Stage. Volume 2, part 1: Planetary SEPS mission analysis and vehicle design	1975
19760075919	Concept definition and systems analysis study for a Solar Electric Propulsion stage. Volume 2, part 2: Planetary SEPS subsystems analysis and design	1975
19760075920	Concept definition and systems analysis study for a Solar Electric Propulsion Stage. Volume 3: Earth orbital SEPS analysis and design	1975
19760075921	Concept definition and systems analysis study for a Solar Electric Propulsion Stage. Volume 4: Program planning data	1975
19760075922	Concepts definition and systems analysis study for a Solar Electric Propulsion Stage. Volume 6: System requirements data databook	1975
19760076044	Development of fibers of Polyimide 2080	1975
19760076177	NASTRAN automated multi-level substructuring	1975
19760076245	Radiometric-geometric tradeoff relationships of spaceborne scanning radiometers for an ERTS-MSS system	1975
19760076251	Skylab experiment S063: 2 UV airglow horizon photography	1975
19760076315	Postflight analyses for Delta Program Mission no. 112 - OSO-1 Mission	1975
19760076316	Low-G experiments for the drawing of metal membrants. Final report on the preparation and evaluation of free-fall experiments	1975
19760076431	Autonomous navigation for TIROS-N and Nimbus-G	1975
19760076490	Combined study of rastering platform, in-orbit adjustment (coalignment) mounting mechanism, and offset pointing mechanism for solar maximum mission	1975
19760076538	The Adaptive Multibeam Phased Array (AMPA) experiment for the spacelab	1975
19760076546	Unconditionally convergent iterative numerical methods for solving multi-dimensional partial differential equations	1975
19760076625	NASA viscous 3-D flowfield computations	1975
19760076645	France: Nuclear, missile, and space developments, GUO No. 398	1975
19760076646	Investigation of effects of metallic masts on TACAN antenna performance	1975
19760076656	Development of a computer simulation model for spherical gas gyro bearings	1975
19760076658	Evaluation of G-651Y integral fuel tank channel sealant for model A-6 aircraft	1975
19760076659	Marine Corps expeditionary airfield data	1975
19760076660	Pre-evaluation preproduction monitor and Navy preliminary evaluation of the CH-46E aircraft	1975
19760076661	Ship suitability test of cold cloud modification subsystem	1975
19760076662	Comparison of empirical and hypothetical percentiles: A goodness-of-fit test	1975
19760076663	EOTPO major issue review: Fiber optics and integrated optics	1975
19760076665	SACWARDANS associative processor study	1975
19760076666	X-band transistor source	1975
19760076671	Investigation of fast acting microwave receiver protectors: Development of the WD246 receiver protector	1975
19760076673	FLOLS light beam intersection with deck edge	1975
19760076674	A-6 RAT design verification, environmental	1975
19760076675	Test and evaluation of the F-14A canopy hoist/brace (P/N A51S61810-1)	1975
19760076676	Evaluation of Sperry type AN/ASN-11 AHRS	1975
19760076677	Determination of diethylene glycol in nitroglycerin by infrared spectrometry and gas chromatography	1975
19760076679	Versatile Avionics Shop Test (VAST) system operational assist	1975
19760076680	Lance M46 rate gyros switch reliability and safety assessment study	1975
19760076681	Characterization of the combustion test environment and graphitic materials ablation response in the upgraded ABRES combustion test facility	1975
19760076682	Vibration and acoustic environment of OH-6A helicopter configured with and using the XM-27 armament system	1975
19760076684	Physical limitations of present-day storage batteries and opportunities for the development of new systems	1975
19760076685	Advanced electron device technology	1975
19760076686	Technology Application Program 4, (TAP 4)	1975
19760076687	KA-91B autofocus control	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076688	MNOS reliability and process research	1975
19760076689	A system of data transmission to rail computer centers	1975
19760076690	Hybrid computer SEYMA for the evaluation of utility networks	1975
19760076691	Effect of weather conditions on the amplitude of commutation overvoltages on lines of 500 KW	1975
19760076693	Aerodynamic characteristics of an MX missile at free-stream Mach numbers from 0.3 to 1.3 and angles of attack up to 180 degrees	1975
19760076695	Use of integrated circuits in future satellites	1975
19760076696	Fabrication and testing of radomes for advanced RF seekers	1975
19760076700	Two-dimensional hydrodynamic/elastic-plastic material response to impact or explosion program documentation and users manual	1975
19760076702	Turbine pump ejection system design review	1975
19760076703	Manufacturing methods and technology for bubble memory storage element fabrication for computers	1975
19760076704	Dome antenna phase 3	1975
19760076705	NATC support and monitor of lamps MK 3 YSH-3E short range helicopter	1975
19760076706	An analysis of base support: Contractor operations versus standard operations at two undergraduate pilot training bases	1975
19760076707	SAM-D engineering development summary report, volume 1	1975
19760076715	Fluidic counters	1975
19760076716	Wind tunnel tests of a 0.08-scale YF-17 model at Mach numbers from 0.60 to 1.55	1975
19760076718	An evaluation of aircraft radio equipment for search and rescue	1975
19760076722	Conversion of power supply PP-4846/SRA to a dual power supply	1975
19760076723	Procedures for converting power supply PP-4846/SRA to a dual power supply	1975
19760076727	ACLS certification of the USS Saratoga (CV 60)	1975
19760076739	Delta modulation with delayed and sequence encoding	1975
19760076742	P-3 B modernization sonobuoy chute modification	1975
19760076743	NAS Oceana AN/SPN-42 certification trials	1975
19760076747	Helicopter/ship compatibility program: SH-2F/AOE dynamic interface evaluation	1975
19760076748	Nosetip design technology program. Volume 2: Meteorological Effects Test System (METS)	1975
19760076749	Nosetip design technology program. Volume 1: Pattern roughness methodology	1975
19760076750	Check test of model P/N 791 helmet	1975
19760076751	Search and rescue communications Global Rescue Alarm Net (GRAN)	1975
19760076752	Rain/ice erosion resistant nose tip/heat shield evaluation and development. Volume 2: Erosion resistant GASJET nose tip	1975
19760076753	Interference of delta wing and cylindrical body with ogival forward section at supersonic speeds	1975
19760076756	Plume interference assessment and mitigation program. User's manual: Plume interference prediction program	1975
19760076757	Plume interference assessment and mitigation program. Operator's manual: Plume interference prediction program	1975
19760076758	Harrier power plant and fuel system effect of Mods and ECPS	1975
19760076760	Development test 2 (engineering phase) of transponder test set AN/APM-305	1975
19760076765	Synthesis of interference techniques: ERGO. A system for event record generation and organization	1975
19760076766	Development of improved grease lubricant for aircraft accessory drive splines	1975
19760076767	Three-dimensional computer analysis of shock loads on a simple structure	1975
19760076769	Review of predictive optical reflectance models	1975
19760076775	Production assessment test report on resistor, fixed, wirewound, NOC, molded, 1-2 watts	1975
19760076781	Project engineers report OPS 74-16-04 arctic 1974	1975
19760076783	Study on plastic forming of metals by the Moire method	1975
19760076787	Testing of depth scan system	1975
19760076803	Fleet Operational investigation involving remote sensors (U)	1975
19760076813	Calspan analytical studies and services for the AFAL EW simulation facility (U)	1975
19760076824	High dose test capability (U)	1975
19760076837	HELTADS chemical gas transfer laser design study (U)	1975
19760076843	Electronic Counter-Countermeasures (ECCM) for remotely piloted vehicles (RPV'S) (U)	1975
19760076845	A battlefield IFF system (U)	1975
19760076848	Wind tunnel test results from pylon-mounted stores on a supercritical airfoil at Mach numbers from 0.7 to 0.95 (U)	1975
19760076858	Attack helicopter-clear night defense (USACDEC experiment 43.7). Volume V. Data package. Supplement 1, phase 2A (U)	1975
19760076863	PAVE DELTA live firings (U)	1975
19760076867	The multiline array mechanical model study (U)	1975
19760076875	Manufacturing methods and technology: 8 to 14-micron (Hg, Cd) Te array modules (U)	1975
19760076876	Smokeless motor technology for air defense application (U)	1975
19760076881	Aerodynamic characteristics of two AFFDL microfighter (ATV) configurations at Mach numbers from 0.5 to 1.3 (U)	1975
19760076888	Shore hop communications procedures (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076892	Mobile mortar locating radar, radar set AN/TPQ-36 (U)	1975
19760076894	Multi-wavelength laser receiver (U)	1975
19760076895	Phase 1 test and evaluation of the YOY-10D night observation gunship system (NOGS) (U)	1975
19760076896	Evaluation of the cubic S-3A sonobuoy reference system on a P-3C airframe (U)	1975
19760076897	Auxiliary power unit turbine analysis (U)	1975
19760076898	Vulnerability of fabrics to 10.6 micrometer radiation (U)	1975
19760076900	Vulnerability of PT6 engines to fragments and armor-piercing projectiles (U)	1975
19760076901	The effects of image quality on synthetic aperture radar operator performance. Volume 1: Target recognition (U)	1975
19760076902	The effects of image quality on synthetic aperture radar operator performance. Volume 2: Target designation (U)	1975
19760076903	Detection performance of DITAP, wideband ODT, and mediator relative to the present AN/sqs-26(CX) (U)	1975
19760076904	Demonstration of upgraded HTPB propellants (U)	1975
19760076908	Post-PFRT altitude development tests of the F101-GE-100 turbofan engine (engines S/N 470013 and S/N 470011) (U)	1975
19760076909	Aircraft structural fatigue life program (U)	1975
19760076910	Quarterly compilation of abstracts on completed test experimental, and development (TED) projects (U)	1975
19760076911	QKW1778 high power expendable TWT (U)	1975
19760076912	Optical SATCOM. Effect of clouds on global availability of optical satellite communications link, volume 1 (U)	1975
19760076913	Views on radar target classification requirements (U)	1975
19760076915	AN/APS-116 radar signal processing using a multipurpose digital computer (PROTEUS) (U)	1975
19760076918	Advanced technology, high temperature variable area, high pressure turbine (U)	1975
19760076919	Micro-fighter airborne recovery feasibility evaluation. Volume 1: Summary (U)	1975
19760076920	Micro-fighter airborne recovery feasibility evaluation. Volume 2: Aerodynamics (U)	1975
19760076922	Micro-fighter airborne recovery feasibility evaluation. Volume 3: Flight simulation (U)	1975
19760076923	Micro-fighter airborne recovery feasibility evaluation. Volume 4: Micro-technology flight vehicle design and demonstration plan (U)	1975
19760076924	Buoyancy control gas generator system design study (U)	1975
19760076925	Fragment velocity and mass distribution predictions and experimental comparisons for the SAM-D, XM-248 warhead (u)	1975
19760076926	Ballistic resistance of nonhomogenous components-J79 engine tests (U)	1975
19760076928	Anechoic coating development in Great Britain (U)	1975
19760076930	Fire control study for helicopter launched missile/rocket systems, volume 1 (U)	1975
19760076931	Fire control study for helicopter launched missile/rocket systems, volume 2 (U)	1975
19760076932	Manufacturing methods and technology for universal detector Dewar modules (U)	1975
19760076933	SAM-D performance analysis using Cadet (trade name) (U)	1975
19760076934	Lead tin telluride thin film photodiode detectors (U)	1975
19760076935	Automatic steerable null antenna processor (U)	1975
19760076936	Steerable null antenna processor (U)	1975
19760076943	Evaluation of moving target locating radar (U)	1975
19760076944	Acousto-optic Q-switched laser (U)	1975
19760076948	Comparative evaluation test for REMBASS target locating sensors (U)	1975
19760076949	Static stability and drag characteristics of a hypersonic aircraft design at Mach numbers 1.5 to 5.0 (U)	1975
19760076951	Operational assist on the A-4 laser acquisition device (U)	1975
19760076953	Inlet and ramburner freejet and transition tests. Part 5: Structural chamber design and fabrication study (U)	1975
19760076954	Quarterly compilation of abstracts on completed Test, Experimental, and Development (TED) projects (U)	1975
19760076956	RPV applications study for non-aviation ship missions (U)	1975
19760076957	Inlet and ramburner freejet and transition tests. Part 1: Combustor development (U)	1975
19760076963	March 1975 ONR R and D towed array sea trial results (U)	1975
19760076965	Aircraft structural fatigue life program (U)	1975
19760076967	The application of solid-state RF transmitters to Navy radar (U)	1975
19760076968	Rosette scan reference and target simulator (U)	1975
19760076969	A cursory examination of infrared air defense systems in a surface-to-surface mode (U)	1975
19760076974	Appendices 1 and 2 ITNS computer programs for D/AHRS: EM log demonstration computer program/subprogram design specification (U)	1975
19760076975	Product specification ITNS computer programs for D/AHRS: EM log demonstration common data base document (U)	1975
19760076977	System specification for a mixed community integrated tactical navigation system (U)	1975
19760076980	Mine dispenser concepts study for UTTAS helicopter (U)	1975
19760076981	Cost estimating relationships for airborne array radars, FLIRs, and avionics logistics support. Volume 2. CER study without proprietary data (U)	1975
19760076982	A solid-state pulse modulator for TRAPATT amplifiers in an array radar (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076985	Product specification ITNS computer programs for D/AHRS-EM log demonstration computer program/subprogram design specification (U)	1975
19760076987	DNA EMP (electromagnetic pulse) handbook. Volume 4: Resources (U)	1975
19760076996	Aerial free rocket firing support (ARROW) (U)	1975
19760076998	Standoff target acquisition system (SOTAS) (U)	1975
19760077090	TISEO ECP 011 (U)	1975
19760077126	Operational evaluation of the NATO SEASPARROW surface missile system (U)	1975
19760077136	Post ROSETTE. Passive optical seeker technique - rosette scan seeker. POST/CHAPARRAL brassboard (U)	1975
19760077137	Requirements analysis for an advanced weapon on escort aircraft (U)	1975
19760077144	Simplified High Accuracy Guidance (SHAG) flight test program. Volume 1: SHAG flight test results and system design (U)	1975
19760077147	QRC36 (U)	1975
19760077160	Mach number and viscous effects on the static stability of the Advanced Control Experiment (ACE) vehicle at Mach numbers 16 and 19 (U)	1975
19760077161	Low concentration snow erosion tests in the hyperballistic range (U)	1975
19760077180	Laser Electro-Optical System (LEOS) (U)	1975
19760077192	Focal plane development program. Volume 1: Executive summary (U)	1975
19760077193	Independent evaluation of the Pershing 1A product improvement program, automatic reference system/sequential launch adapter (P1aPIR, ARS/SLA) (U)	1975
19760077194	ARPA/DNA long range research and development planning program (LR2DP2) (U)	1975
19760077199	DNA Atmospheric Effects Long Range Planning Meeting (U)	1975
19760077200	Systems studies of ASW lasers (U)	1975
19760077203	Analysis of pulsed spot and flood load experiments. Volume 2: Interpretation of spot loading experiments on brittle structures (U)	1975
19760077204	Analysis of pulsed spot and flood load experiment. Volume 3: Interpretation of experiments on ductile structures (U)	1975
19760077210	Optical discrimination evaluation program, special report fair 2 flight 1 data analysis (CDRL B005) (U)	1975
19760077211	Optical discrimination evaluation program, passive optical discrimination (CDRL B007) (U)	1975
19760077212	High energy pulsed laser (U)	1975
19760077219	Critical Optics Technology (COT) (U)	1975
19760077223	Comparison of experimental and predicted results obtained from the CORAD high-altitude plume infrared radiation computer program with system implications (U)	1975
19760077224	PAR and MSR exoatmospheric object ranking evaluations (U)	1975
19760077226	Performance predictions for acoustic sensors (U)	1975
19760077228	Submarine/Air Optical Communications System (SAOCS) uplink test and evaluation report (U)	1975
19760077240	AVO final report (U)	1975
19760077244	The 1975 NASA/ASEE summer faculty fellowship program	1975
19760077245	Color, color-infrared, and multispectral photographic comparisons for detecting southern pine beetles	1975
19760077246	Test pattern generation for LSI logic circuits	1975
19760077247	Concentration characteristics of the cylindrical Fresnel lens solar concentrator	1975
19760077248	Development of a visual TV system to observe X-ray stars	1975
19760077249	Fracture mechanics of a glass-ceramic material	1975
19760077250	Heat transfer to large cryogenic propellant tanks during ground hold	1975
19760077251	Interactive mission planning study	1975
19760077252	Teleoperator wrist design concept	1975
19760077253	Holographic interferometry	1975
19760077254	Interactions of an ion in the upper atmosphere	1975
19760077255	Holographic studies of microscopic particle fields	1975
19760077256	Some aspects of adhesion in thick film hybrid microcircuits	1975
19760077257	Techniques of global analysis applied to gravitation theories	1975
19760077258	Development of an interactive manpower information system	1975
19760077259	Analysis of magnetic torquers for backup attitude control of LST	1975
19760077260	Ray-trace analysis of certain image characteristics of several X-ray telescope optical systems	1975
19760077261	Some physicochemical properties of chlorotrifluoromethane	1975
19760077262	Modification of the compensator improvement program for handling systems initially closed-loop unstable	1975
19760077263	Application of surface acoustic wave technology to spread-spectrum communications	1975
19760077264	Weld puddle physics	1975
19760077265	Study of two-dimensional filtering in the edge enhancement of multispectral imagery	1975
19760077266	Acoustic simulation of SRB heat shield on reentry	1975
19760077267	Analysis of thin laminated composite plates	1975
19760077268	Environmental data monitoring systems	1975
19760077270	A comparison of fracture and etching tests for the detection of overheating in S97 and S82 steels	1975
19760077271	An error model of an inertial guidance system	1975
19760077272	The Skynet 2 attitude determination program SAD2	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760077273	Flight trails with foam in a fuel tank of a Comet 4C aircraft	1975
19760077274	The design and performance of a pressure-measuring system for the 3 ft x 4 ft wind tunnel	1975
19760077275	Japan: Nuclear, missile, space, and defense developments, GUO no. 223	1975
19760077276	France: Nuclear, missile, and space developments, GUO no. 401	1975
19760077277	Space programs at the Johns Hopkins University Applied Physics Laboratory	1975
19760077280	Operation and maintenance manual: Radio frequency interference measurement experiment. Volume 1: Experimenter's handbook	1975
19760077281	Operation and maintenance manual: Radio frequency interference measurement experiment. Volume 2: Rosman STADAN station RFIME equipment manual	1975
19760077282	Operation and maintenance manual: Radio frequency interference measurement experiment. Volume 3: Portable calibration terminal system	1975
19760077283	The statistical energy analysis method applied to boundary-layer-induced internal noise	1975
19760077286	The effects of installing vortex attenuating devices on the design, performance, and operations of a heavy commercial jet transport	1975
19760077290	Journal of Naval Science, volume 1, no. 4 (U)	1975
19760077291	Vibration monitoring (U)	1975
19760077292	The use of open tubular columns in gas chromatography (U)	1975
19760077293	High temperature resin matrices for fibre reinforced composites (U)	1975
19760077294	The military applications of remotely piloted vehicles (U)	1975
19760077295	Service life test of the Mk 6A power plant primer P/N 253095 (AIM 4F/G missiles)	1975
19760077296	Flammability resistance of MIL-A-8243 deicing defrosting fluids in contact with silver electrical circuits	1975
19760077299	Effects of porosity in composite materials. Extension of the front surface response model FSP to porous composite materials, volume 1	1975
19760077300	Effects of porosity in composite materials. An extension of the theory of interacting continua TINC to porous composite materials, volume 2	1975
19760077301	Effects of porosity in composite materials. Development of a different surface laser velocity interferometer for porous materials, volume 3	1975
19760077304	The Canon F-1 camera system	1975
19760077305	Study of deep sonars. Study of rap depths and the effectiveness of deep sonars above rap depths. Volume 2: Performance data supplement	1975
19760077306	Comparative dickey evaluation	1975
19760077308	Engineering investigation of reported high failure rate of the TTU-205C/E pressure/temperature test set	1975
19760077309	F-111 Birdstrike helmet	1975
19760077310	Classified document control system (DOCTROL), project manual	1975
19760077311	Code word nickname, and exercise term (NICKA) WWMCCS standard system, project manual	1975
19760077312	Evaluation of TICS: A multics subsystem for development and use of CAI courseware, volume 2	1975
19760077318	A system for determining helmet moments of inertia	1975
19760077319	Proceedings of the ARPA workshop on Waste-to-Energy Conversion Systems for Military Base Utilization	1975
19760077321	A decision theory approach to grading binomial populations	1975
19760077327	Surveillance of solid Bullpup AGM-12B sustainer Mark 8 Mods 1 and 2	1975
19760077332	User's manual, finite element codes for general seepage	1975
19760077333	Determination of phosphoric acid esters in gas turbine oils with thermo-ionic detectors	1975
19760077334	A critical formula for the calculation of atmospheric air pollution by vehicle exhaust gas	1975
19760077335	The magnetization of paramagnetic crystals in alternating fields	1975
19760077336	Mechanical properties of laminated titanium compositions after welding by explosion and hot rolling	1975
19760077337	Filtration of galvanic electrolytes	1975
19760077346	Manufacturing methods and technology measure for silicon pin quadrant photodetectors	1975
19760077350	ARS-14 decontamination station	1975
19760077352	Development of harbor oil-spill removal/recovery systems, phase 1	1975
19760077353	Simulation branch plotting and utility routines 1	1975
19760077370	Some effects of environmental factors on the performance of coatings for high power IR lasers	1975
19760077371	Laser Digest, spring 1975	1975
19760077376	Millimeter-wave system EMC study	1975
19760077377	Servicing the DSCS 2 with the STS. Volume 1: Final briefing	1975
19760077380	Hydrocarbon fuel study program	1975
19760077381	Effects of radiation on charge-coupled devices	1975
19760077384	Employment of altimeter measurements for the simple layer model of the earth's gravity field satellite geodesy	1975
19760077386	Effects of projectile damage on helicopter rotor blades	1975
19760077391	A new approach to least squares polynomial approximation to equal spaced data-points	1975
19760077392	The influence of the search mode on the visual detection of airborne targets	1975
19760077393	The effect of aerosols and turbulence on the transmission of high-power laser beams	1975
19760077394	Some features of Tsunamis on the Pacific Coast of South and North America	1975
19760077399	Altitude performance of five United Technology Center Titan 2 translation motors having ages from 134 to 141 months	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760077400	Drag studies on a family of star-shaped bodies at Mach number 19	1975
19760077401	Analytical investigation of structural concepts for the air induction system of advanced high supersonic aircraft. Volume 2: RAYRAM revisions	1975
19760077403	C-5A cargo deck low-frequency vibration environment	1975
19760077405	A technique for producing wide-sweep backscatter soundings with the low-Doppler clutter component removed	1975
19760077411	Digital correlation tracker, phase 1: Computer simulation	1975
19760077415	Seismic tracking of an armored personnel carrier (U)	1975
19760077420	Determination of the envelope weighting function for Submarine Active Detection System (SADS) transmissions (U)	1975
19760077424	Independent evaluation of the improved Chaparral Weapon System (U)	1975
19760077425	Independent evaluation of the COBRA/TOW (U)	1975
19760077426	Plasma momentum coupling. Volume 1. Experimental results (U)	1975
19760077430	Integral ramjet booster demonstration program (U)	1975
19760077434	Final report (U)	1975
19760077441	Development of an internal wave computer code (U)	1975
19760077465	Accuracy analysis summary for TOA/DME systems (U)	1975
19760077470	Electron bombarded semiconductor amplifier (U)	1975
19760077471	Flight test and evaluation of modified OV-1C and S-2D airplanes for the LINEBACKER program (U)	1975
19760077478	INK-HOBO feasibility test (U)	1975
19760077481	USAFE extended IOT and E of the MARRES (U)	1975
19760077483	Air-to-air weapons effectiveness test (AIRVAL), modeled and measured plume comparison (U)	1975
19760077484	Wideband amplifier (U)	1975
19760077494	IOT and E of the FMU-113/B integral low altitude radar proximity fuze (PAVE LAP) (U)	1975
19760077495	Target identification enhancement techniques (U)	1975
19760077499	Helicopter operations in a selected radar environment (HELORADE), USACDEC experiment FC-024 (U)	1975
19760077500	Technical publication summaries, January-March 1975 (U)	1975
19760077501	Development feasibility tests: Miniature infrared alarm (MIRA) (U)	1975
19760077502	Permanent laser damage thresholds of IR detectors (U)	1975
19760077503	High energy laser program (U)	1975
19760077505	Infrared spectral examination of a typical infrared flare with a magnesium oxalate additive (U)	1975
19760077506	OT and E of F-111 forward firing ordnance (U)	1975
19760077508	Standoff target acquisition system (SOTAS) (U)	1975
19760077510	Evaluation of the Mk 9 Mod 0 cryogenics dispenser (U)	1975
19760077512	Boundary-layer flow-analysis: Project Surpass (U)	1975
19760077513	Navy long wave propagation center (TACAMO) performance predictions in the Atlantic and Mediterranean (U)	1975
19760077514	FY-74 annual report of the advanced concepts program, section 2 (U)	1975
19760077515	Narrow band multispectral reconnaissance of military targets (U)	1975
19760077516	Probabilistic safety analysis of airborne laser designator testing at MICOM (U)	1975
19760077517	Dragon solid-state beacon (U)	1975
19760077521	Quantitative estimation of elemental (free) sulfur dissolved in NM by thin-layer chromatography-colorimetry (U)	1975
19760077525	Airborne infrared thermovision and visible television signatures of underwater rocket launches (U)	1975
19760077526	Special study on review of 7039 aluminum alloy ballistic acceptance tests (FY 1967 - 1974) (U)	1975
19760077527	Tactical reconnaissance RPV (Remotely Piloted Vehicle) study (U)	1975
19760077529	Tactical airborne reconnaissance POD system operational demonstration (U)	1975
19760077537	AV-8A ECP-800 monitor and flight evaluation (U)	1975
19760077538	CO2 TEA laser repeater (U)	1975
19760077540	Epoxide cured HTPB propellants (U)	1975
19760077542	TAV-8A propulsion system technical description and performance (U)	1975
19760077543	Laminar fluidic control system for advanced Navy missile (U)	1975
19760077544	Wideband amplifier (U)	1975
19760077545	Wideband amplifier (U)	1975
19760077546	Techeval of the AIM-54A Phoenix missile and the interfaces of the AN/AWG-9 weapon control system. Supplement 1: Detailed test results and analysis (U)	1975
19760077548	Preproduction condor rocket motor Mk 70 Mod 0 type-life program (U)	1975
19760077549	Airborne radio frequency and infrared homing measurements (U)	1975
19760077553	Solid fuel ramjet performance modeling (U)	1975
19760077558	Operational assist of the A-4M angular rate bombing system (U)	1975
19760077559	An analysis of fires in flight for AH-1G aircraft (U)	1975
19760077561	High-resolution, real-time synthetic array data processor (HIRSADAP) (U)	1975
19760077562	HEL ship installation study (U)	1975
19760077565	Impulsive loading of ABM model structures (U)	1975
19760077566	GORIE air induction system: Wing control surface effects on aft-mounted inlet performance (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760077572	HELLFIRE technical flight test number 4 MT7 missile with Army laser seeker, 5 December 1974: Self contained launch plus Handoff (U)	1975
19760077573	HELLFIRE technical flight tests number 11 and number 12 MT7 missiles with Army laser seekers, 22 November 1974: Ripple fire demonstration (U)	1975
19760077574	Field test telescope evaluation report (U)	1975
19760077577	Flightweight hot gas chamber bleed roll control development (U)	1975
19760077578	Development assist of HIPPOCKET 3 (U)	1975
19760077579	ANSSR 3: Ground-to-ground MICOM tests (U)	1975
19760077580	Parameter sensitivity analysis. Appendix A3-1: Adds pointer/tracker comparisons (U)	1975
19760077583	A 94-GHz radar cross section of vehicles (U)	1975
19760077585	Evaluation of SMARTROC in three mission areas (U)	1975
19760077586	Development of semi-transparent photocathode materials (U)	1975
19760077593	Air-launched ordnance evaluation (U)	1975
19760077598	Link 11 simulation model validation report (U)	1975
19760077599	Persistent antiradiation missile (PARM). A defense suppression concept (U)	1975
19760077601	Air Force Weapons Laboratory hydrodynamic calculations in two and three dimensions (U)	1975
19760077603	Tactical Air Force concept for an Intratheater Imagery Transmission System IITS (U)	1975
19760077605	Measurement of the ambient noise horizontal directionality in the ocean with a circular superdirective array (U)	1975
19760077606	Concurrent evaluation of CAINS as an element of the E-2C weapons system (U)	1975
19760077610	Maverick AGM-65M-65B science magnification missile DT and E/IO and E flight test (U)	1975
19760077613	X-ray induced stress wave response of a typical Soviet re-entry vehicle (U)	1975
19760077614	AH-1G helicopter optimization for minimum noise (U)	1975
19760077615	Simplifying the combinatorial geometry description for calculation of the protection against nuclear radiation afforded by layered shields (U)	1975
19760077638	Optical augmentation reduction study (U)	1975
19760077640	Side-looking airborne radar (U)	1975
19760077641	High-power gas laser technology forecast (U)	1975
19760077645	Infrared signature characteristics of the TF34-GE-2 turbofan engine (U)	1975
19760077651	MAXI-DECOY flight demonstration program, volume 2 (U)	1975
19760077652	Advanced F-111 weapon system mission analysis (U)	1975
19760077653	Requirements analysis for advanced weapons on air superiority aircraft (U)	1975
19760077669	The suppression of the infrared and radar signatures of jet aircraft (U)	1975
19760077670	F-15 initial operational test and evaluation (U)	1975
19760077672	Tactical program functional description, F-14- tape 109B, volume 5 (U)	1975
19760077676	Acoustic weapons location (U)	1975
19760077688	Inlet and ramburner freejet and transition test. Part 4: Integral propulsion system ground test transition study (U)	1975
19760077698	Operational appraisal of an improved AN/AQA-7 (V) for the P-3C weapons system (U)	1975
19760077706	Communications and IFF counter-countermeasures study (PENVAL) program (U)	1975
19760077710	Aerospace systems laser vulnerability digest (U)	1975
19760077712	Static stability tests of the ACE biconic reentry configuration at nominal Mach numbers of 8 and 12 (U)	1975
19760077713	Aeronautical systems technology needs, avionics (U)	1975
19760077724	Polar cap 3 experiment (U)	1975
19760077726	AABNCP Low level test. Volume 2: Executive summary (U)	1975
19760077729	AABNCP low level test, volume 1 (U)	1975
19760077737	Integration of recognition set AN/ASX-2 into the F-14A weapons control system (U)	1975
19760077738	Phase 2: Dual mode TWT QKW1783 (U)	1975
19760077740	E/F/G band CFA (U)	1975
19760077744	WWMCCS performance in a severe nuclear environment (U)	1975
19760077745	Amplified ferrimagnetic echo techniques and devices, addendum (U)	1975
19760077751	Parameter sensitivity analysis (U)	1975
19760077753	GRAY ROCK spectroradiometric emission (U)	1975
19760077760	The Army Scientific Advisory Panel 1974 summer study (U)	1975
19760077761	Special tilt evaluation of Patrick AFB FL (Z-211) (U)	1975
19760077773	Susceptibility of the SA-3 SAM system to forward-launched, active, expendable ECM devices (U)	1975
19760077778	Spread spectrum communications survey (U)	1975
19760077779	An analysis of viscous effects on the AEDC wind tunnel data of the ACE FTV flight configuration (U)	1975
19760077782	Airborne pointing and tracking system (U)	1975
19760077783	Airborne Warning and Control System (AWACS). Special IOT and E (12 and 19 May 1975) (U)	1975
19760077785	Height-finder radar evaluation report, operating location AG, 26th Air Defense Squadron (Z-245), Silver City AF Station, New Mexico (U)	1975
19760077789	Minuteman bench test. System AHP-0622, sled test cross-axis float angle error analysis report (U)	1975
19760077790	Lower sideband study, mathematical model and learn software (U)	1975
19760077798	FAIR 2 flight 2 data analysis (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760077800	Performance and infrared emission of some modern rockets (U)	1975
19760077810	Concealment of objects in space from optical detectors (U)	1975
19760077811	Operational evaluation of the Sparrow AIM-7F air-to-air missile (U)	1975
19760077816	LES-10 concepts (U)	1975
19760077818	AN/ALQ-119 V-10 development test and evaluation (U)	1975
19760077819	Sea control ship V/STOL aircraft radar requirements, volume 4. Appendices (U)	1975
19760077821	Mathematical analysis of DEKE ranging (U)	1975
19760077826	Mini-RPV system input to the CNA RPV mission application study (U)	1975
19760077830	Topics in system generated electromagnetic pulse analysis and simulation, addendum (U)	1975
19760077832	AN/ALQ-129 effectiveness against surface-to-air threats (U)	1975
19760077833	Experimental laser effects data base results (U)	1975
19760077837	Army aircraft survivability. Laser countermeasures (U)	1975
19760077845	Pre-flare association of magnetic fields and millimeter-wave radio emission	1975
19760077846	AV-8A environmental control system description and analysis	1975
19760077849	Estimating efficiency of microscopic nozzles by the coefficient of the moments of momentum	1975
19760077850	Measure of insensitivity of data transmission systems to burst-noise	1975
19760077851	The problem of the separation of the circuit of a small digital computer into BIS	1975
19760077852	An earthquake-resistant station building	1975
19760077853	Current generation costs and possibilities for use of short time combustion-MHD generators	1975
19760077854	High power microwave transistor	1975
19760077855	Manufacturing methods and technology for bubble memory storage element fabrication for computers	1975
19760077857	Vibration and vibration - shock effects on cusp type bistable fluidic elements	1975
19760077858	Operational assist for trident ship control station, September - 1 November 1974	1975
19760077859	EMC measurements on the Reflect Array Radar (RAR)	1975
19760077860	A coaxial transmission line configuration for the bias tow cable	1975
19760077861	Head coupled display visual design consideration	1975
19760077862	Space programs	1975
19760077864	The impact of revised atmospheric thermal transmittance on nuclear hardening criteria	1975
19760077865	Information on transmission by means of delta modulation	1975
19760077869	Production of a synthesized plasma	1975
19760077879	MX-9331 ()/urc regenerative repeater	1975
19760077880	One method of transmitting discrete information on GTS cables for automated control systems	1975
19760077881	Compatibility test of the GBU-10 (guided bomb) on B-52 aircraft	1975
19760077882	Solid propellant binder	1975
19760077887	Helicopter ground movement systems test	1975
19760077888	AIRVAL management and technical summary	1975
19760077891	Development of an analytical technique to predict aircraft landing gear/soil interaction. Volume 1: Soil/wheel model and analysis methods	1975
19760077892	Development of an analytical technique to predict aircraft landing gear/soil interaction. Volume 2: Computer program documentation	1975
19760077894	Test and evaluation of the S-3A Sonobuoy loading and unloading tool P/N (BG95-101)	1975
19760077895	Engineering evaluation of the Tempo AC generator supervisory panel, model 93487	1975
19760077896	USS FORRESTAL AN/SPN-42A ACLS and SPN 41 ILS certification	1975
19760077897	Air Force data services center interim emergency procedures for central computer facility	1975
19760077904	NEPCOMP: The Navy engine performance computer program, version 1	1975
19760077905	Development tests of NAVAIRENGCEN adapter assembly (P/N 819AS100-1) for airresearch mobile test stand P/N 281150-60	1975
19760077906	General Electric prototype 20 KVA VSCF system for A-4	1975
19760077907	Degraining: A three-step process to obtain propellant samples from case-bonded motors	1975
19760077909	Response of main pressure hull to underwater nuclear shock waves	1975
19760077910	Evaluation of the SMA-3RM20 radar on the hydrofoil HIGH POINT (PCH-1)	1975
19760077912	Military facility steam from mixed fission products	1975
19760077913	Low power high density MOS arrays for Army application	1975
19760077914	Radiation-hardened Al2O3 CMOS/SOS integrated circuits	1975
19760077915	Polymer adhesives for use in hybrid microelectronics	1975
19760077917	Study/evaluation of candidate field support equipment for the Tactical Air Control System (TACS)	1975
19760077921	Low cost S-band transmitter tube for phased array radars	1975
19760077924	Consolidation of selected functions of military environmental support services	1975
19760077925	Cost control in Air Force systems acquisition	1975
19760077926	Noise pollution in the airport environs: A look at solutions	1975
19760077927	Short lived burn rate changes in neutron radiation experiments	1975
19760077928	Nonlinear response of laminated orthotropic shells of revolution	1975
19760077935	The 2-5 micron chemical laser	1975
19760077936	Qualification of the TEMPO instrument P/N 94152-2 and P/N 94152-4 ac external power monitor	1975
19760077937	Test and evaluation of store switch actuation wedge (P/N A51S63890-1) for the F-14A aircraft	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760077938	Dowty-Rotol ram air turbine design verification test	1975
19760077939	Recovery of MQM-74, BQM-34A, and MK-33 SEPTAR drones with H-3 and H-46 helicopters	1975
19760077940	Geodetic positions of Kwajalein missile range sites based on Doppler observations	1975
19760077941	Hi-Hi star sensor. Volume 2: Appendices C, E, F, H, I, J, K, L, M, and O through Y	1975
19760077942	Feasibility of a diffuse surface laser velocity interferometer for study of shaped charge jet velocity	1975
19760077943	Test and evaluation of the F14A nose strut switch potting form (P/N A51S21400-1)	1975
19760077944	Evaluation of the electrical properties of MOCA-free polyurethane potting and molding compounds	1975
19760077945	Design and analysis of a parallel line deployment system for biological detectors	1975
19760077946	Effects of base bleed and supersonic nozzle injection on base pressure	1975
19760077947	STINGER equations of motion with aerodynamic representations for MICOM hybrid simulation	1975
19760077948	Light gas turbine plants for high speed water craft	1975
19760077955	Use of refuse as a fuel at Fort Monmouth, N.J.	1975
19760077956	An examination of Department of Defense management: The military construction program	1975
19760077957	Evaluation of 'Packcrest' number 1008 cushioning material	1975
19760077960	New approaches for service life improvements covering Navy helicopter transmissions	1975
19760077961	Laser beam scintillation at 1.06 microns	1975
19760077962	Phase 2 of the product improvement test of nonmetallic fuel tanks for trucks, M151 and M715	1975
19760077963	LV methodology and code user's manual	1975
19760077964	Plume interference assessment and mitigation program. Maintenance manual: Plume interference prediction program	1975
19760077965	Manufacturing methods for BBB fiber	1975
19760077966	Packet radio communications	1975
19760077968	Reliability study of beam lead sealed junction devices	1975
19760077969	F-band TRAPATT amplifier	1975
19760077970	Manufacturing methods and technology for closed cycle cryogenic coolers	1975
19760077973	Exploitation analysis for advanced reconnaissance systems	1975
19760077975	IOT and e of an AWADS radar imagery recorder	1975
19760077976	C-5 landing gear door lock/stirrup tolerance relief	1975
19760077977	ARPA laser program	1975
19760077978	Estimation of operational support requirements and costs for gas turbine engines	1975
19760077979	NAT (New Agile Target) feasibility study	1975
19760077980	MSP (multisensor processing) of communication functions	1975
19760077981	S-stability and stiff-accuracy for two classes of generalized integration methods	1975
19760077982	On the convergence of a class of variable metric algorithms	1975
19760077985	Integrated switching/multiplexing/technical control	1975
19760078001	Production assessment test report on capacitor, fixed, film, hermetically sealed, lead mount, contractor hi-rel	1975
19760078006	Evaluation of the slosh and vibration characteristics of the AERO-1D external fuel tanks	1975
19760078007	S-band solid-state power amplifiers	1975
19760078011	Standardization of analog and digital multimeters	1975
19760078012	Advanced electron device technology	1975
19760078017	The SOS computer aided design for high density, low power Army application	1975
19760078019	Scientific and technical problems of automation	1975
19760078020	Northeast test area (NETA)	1975
19760078021	Radar techniques program	1975
19760078022	A cost analysis of the KT-73 inertial measurement unit repair process using graphical evaluation review technique simulation	1975
19760078025	Heat transfer coefficients in the agile gimbal nozzle splitline and entrance regions	1975
19760078026	V/STOL operation: Demineralized water and lox supply	1975
19760078027	Flight test, evaluation and calibration of AIMS airborne ATCRBS equipment in the F-4B airplane	1975
19760078028	RAT SCAT radar cross section measurements of the advanced nosetip reentry vehicle	1975
19760078041	A text processing system for query control	1975
19760078042	XM97 thermal battery impact tests	1975
19760078043	Ultraviolet preionized CO2 laser research	1975
19760078044	Critical materials needs	1975
19760078045	Gun recoil and blast effects on helicopters	1975
19760078047	Preliminary study of target load prediction by use of a hydrodynamic computer code	1975
19760078048	Analysis of stereo photographic projections	1975
19760078052	A helicopter investment cost estimating relationships comparative analysis	1975
19760078053	The space shuttle and the DOD: A perspective	1975
19760078055	The surface effect ship, advanced design and technology	1975
19760078057	Human factors and safety problems on Navy oil skimmers	1975
19760078058	LAMPS single point securing system shorebased and shipboard test report	1975
19760078060	Investigation of GE 30 KVA brushless AC generator used on A-6E aircraft	1975
19760078061	Flight demonstration of the YQM-94A remotely piloted vehicle	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078062	The F-15 engine development	1975
19760078063	Titan 2 extended life program real property and installed equipment	1975
19760078064	Development test 2 (service phase) of G-11A vent control system for Division Ready Force (DRF) vehicle loads	1975
19760078065	Development test 2 of Joint-Service Interior Intrusion Detection System (J-SIIDS) add-on components (engineering phase)	1975
19760078066	Evaluation of the environmental impact and recommended control measures to reduce the noise generated from Delaware Army National Guard rotary wing aircraft operations, the Greater Wilmington Airport, New Castle, Delaware, July 1974	1975
19760078069	Air blast parameters from pentolite cylinders detonated on the ground	1975
19760078071	Electrochemical power sources: Fuel cells and batteries: Foreign	1975
19760078072	A theory for the evaluation of covariance matrices	1975
19760078073	Determination of lifetimes of artificial satellites in earth orbit	1975
19760078074	Numerical methods of orbital dynamics	1975
19760078075	Computation models of geometric satellite geodesy	1975
19760078080	Advanced fuels for chemical lasers	1975
19760078081	USS KITTY HAWK (CV-63) ACLS certification trials	1975
19760078082	Accelerated service test certification of the T400-CP-400 twin power section engine installed in the AH-1J helicopter	1975
19760078087	Fluorine generator	1975
19760078088	The EMC of a proposed power plant and the HF communications facility at Westover AFB	1975
19760078089	Lithium-seawater power system	1975
19760078091	Manufacturing methods and technology for a four-stage thermoelectric cooler	1975
19760078092	DoD Space Transportation System (STS) payload interface study: FY 75 extension	1975
19760078093	Investigation of rotary-vaned air cycle coolers for small remotely-located aircraft heat loads	1975
19760078094	Air-to-air gunnery: An analysis of the problem of present training and recommendations for an improved F-14 training sequence	1975
19760078095	Doppler tracking of a maneuvering target using an extended Kalman filter with a temporary fading memory	1975
19760078096	Model C-1A, E-1B, S-2 series airplanes, performance characteristics with low grade 100/130 aviation gasoline	1975
19760078097	Signals for fleet satellite communications: The Communications Satellite Corporation	1975
19760078098	A GPSS simulation of a destroyer communications system	1975
19760078099	Verification of the exponential approximation of first passage times in a birth/death model for dynamic surveillance in ASW	1975
19760078100	The Satellite System Simulation (SSS) program user's guide	1975
19760078101	Open loop VCO frequency memory subsystem	1975
19760078105	F-14A/AIM-9 missile firing incident investigation	1975
19760078106	Flying qualities and carrier suitability test and evaluation of the Hamilton Standard 54460 Fiberglass propellers on the C-2A airplane	1975
19760078107	Flight fidelity evaluation of KC-130F Operational Flight Trainer, Device 2F107	1975
19760078108	Modification of P-3C H1/H2 bay to provide adequate cooling	1975
19760078109	A-6 battery system investigation	1975
19760078110	Analysis of education for aviation test and evaluation project officers	1975
19760078142	Limited first article tests on radio set AN/URC-85	1975
19760078143	Development of a filament winding epoxy resin system with improved processability	1975
19760078145	Passive sonar display studies	1975
19760078147	Advanced aluminum-chlorine battery for expendable ECM devices	1975
19760078148	Manufacturing methods and technology measure for silicon pin quadrant photodetectors	1975
19760078149	In-flight ejecta size distributions for MIDDLE GUST 3	1975
19760078150	Partial spectrum signature on the receiver-transmitter RT-859/APX-72	1975
19760078151	A progress report on the AEDC transient enthalpy probe for high shear ablation facilities	1975
19760078152	The 48-hour settable complementary-symmetry, metal-oxide-semiconductor timer	1975
19760078155	ACLS Link-4A select field change as installed on USS John F. Kennedy (CVA-67)	1975
19760078156	The effects of pattern and color on the visual detection of camouflaged vehicles	1975
19760078157	Certification tests on USS Nimitz (CVAN 68)	1975
19760078158	Test and evaluation of the F-14A weapons rail test set P/N A51 S21240-1	1975
19760078159	Evaluation of the requirement for the F-14A special quick disconnect socket (P/N A51S6410-1)	1975
19760078160	The A-6A Automatic Carrier Landing System (ACLS) evaluation	1975
19760078161	Evaluation of the A-7E air-conditioning system equipped with a compliant surface air lubricated bearing turbine-compressor unit	1975
19760078164	Mechanical and thermal properties of fiber reinforced tantalum carbide	1975
19760078173	Impact of increased weather service centralization on future Air Force operations	1975
19760078176	Vibration and acoustic environment of AH-1G helicopter	1975
19760078177	C-5 aerial refueling, phase 2-3	1975
19760078179	Product improvement test (service phase) of T-10 personnel parachute (modified) with 3 3/4 inch mesh net	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078180	Product improvement test (service phase) of MC1-1 personnel parachute (modified) with 3 3/4 inch mesh net and apex centering loop	1975
19760078181	Night aircraft maintenance	1975
19760078192	Automatic determination of true north with strap-suspended gyroscopes requiring reduced measuring time	1975
19760078194	Reliable advanced solid-state radar evaluation (transistor data): A compilation	1975
19760078197	Qualification test under military specification MIL-L-6082D of Exxon Company, USA EOA 100 grade 1100 aircraft engine oil	1975
19760078198	In-flight evaluation of hand-held stabilized optical viewing devices	1975
19760078199	Effectiveness study of the Tactical Air Forces modification/modernization program	1975
19760078200	Assessment of aircraft system capability in operational test and evaluation	1975
19760078201	A restructured maintenance system	1975
19760078202	Problems in the security classification system	1975
19760078204	Program management: The system program office and foreign military sales	1975
19760078205	Industrial funding: A viable management concept	1975
19760078208	The Moored Acoustic Buoy System (MABS)	1975
19760078212	Study of new chemical laser systems	1975
19760078213	An on line adaptive array processor for an HF backscatter radar	1975
19760078215	Nuclear criticality safety analysis of the storage of reactor fuel for the Army pulse radiation facility	1975
19760078216	Atlantic Undersea Test and Evaluation Center (AUTC), calendar year 1974	1975
19760078222	Complexer Model, user's manual	1975
19760078223	Magnesium rehabilitation	1975
19760078224	NAVAIRTESTCEN support and monitor of lamps Mk-3 YSH-2E short range helicopter	1975
19760078225	Space communications	1975
19760078226	Sled test of the Directionally Controlled Anti-Tank (DCAT) missile gyros	1975
19760078230	The C-5 crew and troop compartment water systems contamination tests	1975
19760078231	Radar product improvement program: Radar set, AN/TPQ-31, 1 October - 26 November 1974	1975
19760078233	Igniter (HOLEX PN 213659) for emergency floatation system for HSS-1 helicopter	1975
19760078234	Continuation of the study of the retrieval of biological research information as support for laboratory investigators at WRAIR and USAMRDC	1975
19760078240	Performance evaluation of the BQM-34A target drone with J69-T-29, J69-T-406/low cost replacement, J69-T-41D, J69-T-41E, J85-GE-17A, and JT15D-4 engines	1975
19760078241	HH-3F helicopter tow capability development	1975
19760078243	Experiments impact on X-24C	1975
19760078244	ESSEX: Diamond ore research program. Ground motion in the seismic region Project Essex 1, phase 1	1975
19760078245	Atmospheric refraction corrections for optical sightings of astronomical objects	1975
19760078246	Bell model 214A helicopter engine and air induction system icing test	1975
19760078247	Technical paper on the light measurement tunnel at the Establishment for Study and Manufacture of Armament (EFAB), Bourges, France	1975
19760078255	Standoff target acquisition system (SOTAS) (U)	1975
19760078256	Advanced simulation research program (U)	1975
19760078260	Study to investigate the effect of module casing material and plastic module terminations on towed array self noise, test module development (U)	1975
19760078263	Naval Voice Service (NVS) information exchange requirements for post-1985 time frame (U)	1975
19760078269	AN/AWG-10A AIM-7F air combat maneuvering launch solution development effort (U)	1975
19760078272	Altitude development of the F100-PW-100 turbofan engine. Phase 8: Performance, augmentor development, and effects of inlet air temperature, compressor bleed, and power extraction (engine S/N FX217-12) (U)	1975
19760078273	Repeater system design and development (U)	1975
19760078275	Project RAIN (U)	1975
19760078280	Demonstration of upgraded HTPD propellants (U)	1975
19760078281	Chemical laser concept study (U)	1975
19760078288	A-6E TRAM/radar weapon delivery system technical support (U)	1975
19760078289	Integrated Observation System (IOS) AN/GSQ-184 (U)	1975
19760078291	Development of ultra-wideband traveling wave tube amplifier modules (U)	1975
19760078292	Navy technical evaluation of the F-14A M61A1 gun installation (U)	1975
19760078293	Design and fabrication of hologram optical elements (U)	1975
19760078294	Operational assist on ESS (Expendable Seeker Simulator) (Report symbol OPNAV 3930-1H) (U)	1975
19760078295	SHORT TRIP 32, B-52/Y-7 laser feasibility demonstration(U)	1975
19760078296	Exhaust plume enhancement of the propelled decoy radar cross section (U)	1975
19760078297	Low cost nozzleless rocket motor development and demonstration program (U)	1975
19760078299	Echo ranging with parametric radiators (U)	1975
19760078300	The terrain avoidance capabilities of low altitude cruise missiles (U)	1975
19760078302	Space object scattering density synthesis, volume 2 (U)	1975
19760078304	Air-to-air weapons effectiveness test (AIRVAL): Task 1.1B, phase 2: Infrared measurements (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078309	Air-to-air weapon effectiveness test (AIRVAL): Infrared signature measurements of the F-102 aircraft. Part 2: Analysis (U)	1975
19760078313	Stinger alternate advanced development program (U)	1975
19760078315	An assessment of bistatic echo-ranging prospects with the US/UK planar array (U)	1975
19760078318	Radial burning pulse motor for air launched missiles (U)	1975
19760078319	SUS signal data processing: Investigations conducted under diagnostic plan for CHURCH ANCHOR and SQUARE DEAL shot data (U)	1975
19760078321	Radio aided (RAID) sonobuoy location system (U)	1975
19760078322	Navy Aeroballistics Advisory Committee annual report 1974 (U)	1975
19760078324	Atmospheric propagation measurements (U)	1975
19760078326	DWARF sonobuoy platform integration study (U)	1975
19760078328	CH-47 helicopter/mark-46 decoy flare infrared measurements (U)	1975
19760078329	Radar air-to-air missile guidance element MGE-X flight test program. Volume 2: Technical (U)	1975
19760078330	Thermographic phosphor heat-transfer and pressure tests on the AFFDL Mach 6 Aerodynamic Configuration Drivers (ACD) vehicle at Mach number 5.95 (U)	1975
19760078331	Hellfire technical flight test number 5. MT7 missile with Army laser seeker, 16 December 1974. Autonomous (self-contained) demonstration (U)	1975
19760078332	Baseline demonstration laser (U)	1975
19760078333	Aerodynamic loads, free-drop, and captive separation trajectory tests on the air slew missile with the F-4C and B-1 aircraft at Mach numbers 0.6 to 1.6 (U)	1975
19760078335	Wideband frequency hopped chirp modem (U)	1975
19760078336	Real-time optical processing of SAR data (U)	1975
19760078338	OT and E of F-111F digital computer tapes (WDC/GNC), issue F-10 (U)	1975
19760078342	CVA MINISINS demonstration at sea- test results (U)	1975
19760078345	Receiving sensitivity and phase transfer measurements on AN/SQS-26 CX transducer elements (U)	1975
19760078346	Technical evaluation of the AN/BRA-34 antenna group under CNO project T/S98 (U)	1975
19760078348	Army aviation RDT and E plan. Edition no. 4 (U)	1975
19760078350	EDL performance model. Part 2: MTU-EDL performance predictions (U)	1975
19760078351	Signal-to-noise enhancement resulting from two-dimensional hydrophone clustering (U)	1975
19760078352	Interim guidelines for using atmospheric refractive effects (U)	1975
19760078358	Nuclear magnetic resonance techniques for explosives detection (U)	1975
19760078359	Longtime delay fuze program (U)	1975
19760078360	Report on the use of a decision analysis matrix in the selection of a design concept for a missile warhead section adaption kit (U)	1975
19760078361	Ballistic resistance on nonhomogeneous components, avionics components test (U)	1975
19760078362	Vulnerability of T53-L-13 engines to fragments and armor-piercing projectiles (U)	1975
19760078363	Lead-tin-telluride heterojunction FLIR array (U)	1975
19760078365	Interpretation facility for synthetic aperture radar (U)	1975
19760078366	Operational test and evaluation of tactical radar bombing systems (U)	1975
19760078369	Advanced-graphite-fiber-reinforced ceramic nosetip development program (U)	1975
19760078371	Exercise communications planning (U)	1975
19760078372	Double bottom bounce passive ranging (U)	1975
19760078374	The 60 GHz detection radar study (U)	1975
19760078376	Analysis of potential acoustic processing techniques for SIAM (U)	1975
19760078377	Design of a dual-space safing and arming device for the Hellfire missile (U)	1975
19760078378	Design of a two-stage, light gas firing fixture (U)	1975
19760078379	I-Band active expendable Jammer (U)	1975
19760078380	I-Band active expendable Jammer, appendix 1 (U)	1975
19760078381	An improvement in the use of the doubly asymptotic approximation in predicting the transient response of submerged shells of finite length to full-envelopment shock waves (U)	1975
19760078382	Doppler tracking sensitivity analysis and algorithm comparison for Extended, Adaptive Kalman Filter (U)	1975
19760078385	Mini-RPV system development for Naval application (U)	1975
19760078386	Development of an aircraft radiographic inspection system (U)	1975
19760078388	Standard ARM AGM-78 Dual-Thrust Rocket Motor Mark 27 Mod 4 type-life/environmental test program (U)	1975
19760078389	Modern Ramjet Engine installed inlet program. Part 1: Summary (U)	1975
19760078395	Multiple channel synthesizer (U)	1975
19760078396	Subsystem design analysis report system design (U)	1975
19760078397	Manufacturing methods and technology for universal detector dewar modules (U)	1975
19760078398	Laser warning receiver test program (U)	1975
19760078403	Modern Ramjet engine installed inlet program. Part 2: Detailed data (U)	1975
19760078426	ECM/ECCM evaluation program. Volume 1: ECM/ECCM system studies (U)	1975
19760078432	Dust erosion modeling: Experiments and response modeling for reinforced plastic materials (U)	1975
19760078442	ACE program final report. Volume 1: Summary (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078467	Improved OTH-B radar performance in Ship Ahoy using Doppler-speed integration and automatic tracking (U)	1975
19760078477	Measured detectability of distant targets with a pulsed Nd:YAG laser/receiver system (U)	1975
19760078480	Multi-mode TWT QKW1728 (U)	1975
19760078492	G/H/I band CFA development (U)	1975
19760078501	Titan 2 flight analysis report: Mission SOFT-1 vehicle B-27 (S/N62-008) (U)	1975
19760078509	F-111/ALQ-119 AFT Station, Nellis AFB, Nevada (U)	1975
19760078510	Pave Spike (Creek Nail) introduction (U)	1975
19760078512	CW electric discharge laser design report (U)	1975
19760078518	Combat Angel (U)	1975
19760078532	Development of an octave bandwidth traveling wave tube with dual mode capability (U)	1975
19760078533	Northern radar system design functional specification (U)	1975
19760078546	TECHEVAL of the AIM-54A PHOENIX missile and the interfaces of the AN/AWG-9 weapon control system. Executive summary (U)	1975
19760078548	Foliage penetrating proximity sensor (U)	1975
19760078552	GEODSS analysis: Interim solution to deep space surveillance (U)	1975
19760078553	QTF field test report (U)	1975
19760078554	Infrared acquisition sensor for Little David (U)	1975
19760078570	Strategic bomber/penetration aids avionics compatibility study. Volume 1: Summary (U)	1975
19760078571	Strategic bomber/penetration aids avionics compatibility study. Volume 2: Advanced flexible bomber avionics subsystem (U)	1975
19760078572	Strategic bomber/penetration aids avionics compatibility study. Volume 3: Supporting data (U)	1975
19760078574	Conceptual design of a large pointing system (U)	1975
19760078582	Design verification study (U)	1975
19760078583	Low-RCS vehicle study (U)	1975
19760078584	Flap wheel ECM vulnerability (PENVAL program) (U)	1975
19760078589	Navy airlift study (FY 73) (U)	1975
19760078595	Advanced television seeker (ATVS). Volume 2: EMI data (U)	1975
19760078600	An IFF data processor (U)	1975
19760078601	Range posture study. Volume 1: Overview and post-1980 weapon system development trends (U)	1975
19760078605	Lower sideband study, mathematical model and learn software (U)	1975
19760078606	Evaluation of the AN/ALR-45 and AN/ALR-50 installations in the F-8J airplane (U)	1975
19760078608	Free-flight range tests of an ACE biconic configuration at Mach numbers of 11.9 to 14.3 (U)	1975
19760078614	Thumper high power laser (U)	1975
19760078620	MHD EMP effects on the L-4 cable system (U)	1975
19760078624	FAIR ASET correction factors analysis (U)	1975
19760078625	DICE GAME/post time operations report (U)	1975
19760078628	Infrared spectral identification of rocket propellants (U)	1975
19760078635	Critical Optics Technology (COT) (U)	1975
19760078636	Air to air missile technologies and programs (U)	1975
19760078641	Proceedings of the 7th Biennial Guidance Test Symposium, Volume 2 (U)	1975
19760078644	HIDE computer model plume suppression prediction, validation, and extrapolation, addendum (U)	1975
19760078646	Development of HF RCS-suppression techniques (U)	1975
19760078649	ECM against frequency hopping satellite link (U)	1975
19760078650	To design variable orientation solar concentrators for space applications. Section 1: Introduction: General comments	1975
19760078651	To design variable orientation solar concentrators for space applications. Section 2: Curved surface concentrators, collimated light and extended source	1975
19760078652	To design variable orientation solar concentrators for space applications. Section 3: Flat surface, trough-like concentrators	1975
19760078653	To design variable orientation solar concentrators for space applications. Section 4: Curved surface, trough-like concentrators	1975
19760078654	Space shuttle noise suppression study: An investigation of scaling technique for comparing water injection effects on hot and cold flow acoustic model tests of space shuttle	1975
19760078655	A review of the work in the United Kingdom on the fatigue of aircraft structures during the period May 1973 - April 1975	1975
19760078656	A method of measuring laser beam diameter and divergence	1975
19760078657	Military medical journal, no. 8	1975
19760078658	Sanitary-hygienic aspects of troop self protection	1975
19760078659	Mathematical simulation of the basic versions of finding and assembling the wounded	1975
19760078660	Principles of the prevention and treatment of poisoning	1975
19760078661	Some peculiarities of training aviation doctors	1975
19760078662	Advances in modern gastrology and results of their use in clinical practice	1975
19760078663	Modern methods of diagnosing achlorhydria	1975
19760078664	Outlook for the use of artificial kidneys	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078665	Oxygen therapy of psychopathological conditions	1975
19760078666	Emergency case in cholera and food poisoning	1975
19760078667	Comparison of hypodermic and jet injections	1975
19760078668	Means of further improvement of the methods of vestibular selection	1975
19760078669	Aviation audiometric tables	1975
19760078670	Voice masking of the hearing: One of the methods of otorhinolaryngological selection and examination	1975
19760078671	Diagnosis of cystoid formations of the frontal sinuses in the practice of medical flight examinations	1975
19760078672	Role of phonocardiography in medical flight examinations	1975
19760078673	Hemodynamic indexes in flight personnel of various ages	1975
19760078674	Instrument for complete examination of the functions of the auditory and visual analyzers	1975
19760078675	France: Nuclear, missile, and space developments GUO no. 403	1975
19760078676	Japan: Nuclear, missile, space, and defense developments GUO no. 224	1975
19760078677	Functional design of integrated data and information system	1975
19760078678	Postdoctoral and senior postdoctoral resident research associateship program for the NASA	1975
19760078682	Shuttle Spacelab animal holding facility prototype development plan	1975
19760078683	Shuttle Spacelab animal holding facility study	1975
19760078685	Auroral electrojets: The link between perturbations of upper and lower atmosphere	1975
19760078760	JANNAF Operational Serviceability and Structures and Mechanical Behavior Working Groups: Combined annual meeting	1975
19760078761	Application of aging models to predictions of propellant long term aging characteristics	1975
19760078762	The use of elevated temperature aging to predict propellant service life	1975
19760078763	On the development of an aging constitutive theory	1975
19760078764	Use of fracture mechanics to design a Viking orbiter pressure vessel	1975
19760078765	Influence of aging on grain service life prediction	1975
19760078766	Service life prediction for the SRAM missile motor	1975
19760078767	Service life analysis	1975
19760078768	Investigation of aged ASROC high temperature firing failures	1975
19760078769	A technique for evaluation of data processing systems	1975
19760078770	Moisture diffusion through propellant	1975
19760078771	Permanent memory materials with semi-elastic range	1975
19760078772	On the stored energy function and the compressibility of compressible rubberlike materials under large strain	1975
19760078773	Energy balances and uniaxial failure of propellants	1975
19760078774	Non-linear fracture mechanics	1975
19760078775	Evaluation of failure criteria for HTPB propellants	1975
19760078776	Cohesive fracture energy at low temperatures	1975
19760078777	Viscoelastic characterization of a nonlinear, glass/epoxy composite using micromechanics theory	1975
19760078778	Considerations for in situ normal stress transducer design and application	1975
19760078779	In situ sensor and telemetry system for solid propellant rocket motors	1975
19760078780	ALIVE instrumented motors test	1975
19760078781	On the fracture of viscoelastic materials	1975
19760078782	An analog sample method for predicting case bond integrity at flap terminations in solid propellant rocket motors	1975
19760078783	Propensity for propagation of cracks and debonds in third stage Minuteman propellant grains	1975
19760078784	Rocket motor design considerations to meet fast cookoff requirements	1975
19760078785	Structural reliability of solid propellant grains	1975
19760078786	Bulletin of the 6th JANNAF Propellant Characterization Meeting	1975
19760078787	Application of nuclear magnetic resonance spectroscopy to double-base propellant analysis	1975
19760078788	Improved methods for analysis of propellants from continuous lines	1975
19760078789	Polarization colors of nitrocellulose	1975
19760078790	Calibration of the gel permeation chromatograph	1975
19760078791	Analytical chemistry of HTPB propellants as related to cure and aging	1975
19760078792	Comparison of R45M fractionation methods	1975
19760078793	A practical correlation of ultimate tensile strength variation with changes in solids sizes for crosslinked double-base propellants	1975
19760078846	Antenna characteristics for the buoy integrated antenna, submarine BIAS system	1975
19760078851	Collision avoidance system considerations for future high speed naval ships	1975
19760078852	Fiber-optic audio-link system aboard USS PLUNGER (SSN595)	1975
19760078853	Fiber optic component for the A-7 aloft demonstration (survey indicates potential system components with off-the-shelf availability)	1975
19760078854	A method of electronic image derotation for television	1975
19760078855	A-6E fiber-optic study	1975
19760078857	General surveillance of Terrier Gas Generators Mark 9 Mod 0 and Mark 10 Mod 0	1975
19760078858	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard, Charleston, South Carolina	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760078859	Titan 2 reliability and aging surveillance program (RASP)	1975
19760078860	Evaluation of new lightweight X-ray system for inspection of improvised explosive devices	1975
19760078861	Submarine visibility determining equipment	1975
19760078865	Evaluation of Safety Pin (P/N 850157-1) in LAU-92/A Sparrow missile launcher on F-14A	1975
19760078866	Evaluation of special purpose cables for the AN/AQS-13 sonar systems	1975
19760078869	Investigation of semiconductor lasers for wideband recording	1975
19760078870	Forecasting of developmental expenditures and test hours for gas turbine engines	1975
19760078871	Spherical flaw instability in composite materials	1975
19760078872	Fleet engineering and logistics annual report for 1974	1975
19760078873	Systems electromagnetic compatibility effectiveness evaluation	1975
19760078896	Laboratory test of the nutatron gyroscope	1975
19760078897	ASQ-81(V)-2 towed mad support	1975
19760078898	Evaluation of Litton System's inertial measurement unit automatic test station and Grumman Aerospace Corporation's inertial platform test station	1975
19760078899	Micro-navigator (micron) analysis. Simulation and test support studies	1975
19760078901	Investigation of requirements for radar test sets	1975
19760078905	Evaluation of test methods for pyrotechnic hazard classification	1975
19760078906	Formulation of hazard evaluation indices for pyrotechnic processes	1975
19760078907	Quasi-static compression stress-strain curves. 3: 5083-H131 aluminum	1975
19760078908	Mighty Mite Series, Pre-MINE DUST event, technical director's summary report	1975
19760078909	Evaluation of the absorbing shroud concept of the aircraft plume radiation obscuration in the infrared	1975
19760078910	Laboratory operations six-months progress report FY 75. Research and experimentation/mission-oriented investigation and experimentation	1975
19760078911	Investigation of contamination effects on thermal control materials	1975
19760078913	Development test 3 of lightweight camouflage screening system, woodland, radar transparent and radar scattering (radar transparent finish cloth), addendum 1	1975
19760078915	Study of deep sonars. Phase 3 report: Study of rap depths and the effectiveness of deep sonars above rap depths, volume 1	1975
19760078917	Real-time optical data modulator	1975
19760078921	Fabrication and testing of carbon-carbon polar weave material	1975
19760078923	Short pulse techniques	1975
19760078928	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1975
19760078943	TAV-8A air conditioning systems performance effect of Mods and ECPS	1975
19760078945	First article testing of relax test set AN/UGM-10	1975
19760078946	Plume-signal interference. Part 1: Radar attenuation	1975
19760078947	Analogue Moving Target Indicator (AMTI)	1975
19760078949	EMI test report for A band transmitter data item AOOP (U)	1975
19760078950	EMI test report for C band transmitter data item AOOP (U)	1975
19760078952	Design, development, tests, and evaluation of 8-inch-diameter all-boost rocket motor for quickturn flight test vehicle (U)	1975
19760078958	Effects of internal blast on combat aircraft structures. Volume 3: Response of fuel-force aircraft wing compartments to internal blasts (U)	1975
19760078959	Active laser seeker for terminal homing (U)	1975
19760078960	Atmospheric attenuation on 10.6-micrometer laser radiation (U)	1975
19760078961	Joint EMP Technical Meeting (NEM 1973) proceedings. Volume 1: Plenary session and environment (U)	1975
19760078963	Navy Science Assistance Program (NSAP) project K-9-74: 40-DB-Gain antenna for AN/SPS-10 radar (U)	1975
19760078964	Electro-optical seeker demonstration (U)	1975
19760078967	Improved low-cost rocket motor processing and component development study (U)	1975
19760078968	Advanced air-ground fighter technology integration study (U)	1975
19760078969	Adaptive array flight test equipment specification (U)	1975
19760078970	Adaptive array flight test equipment (U)	1975
19760078992	Evaluation of the Martin Marietta Corporation Angular Rate Bombing System (ARBS) prototype installed in the TA-4J BuNo 154619 (U)	1975
19760078995	Middle infrared laser target designator study (MIR - LTD) (U)	1975
19760078999	PAVE STORM 3 optical area correlator flight test and evaluation (U)	1975
19760079001	Simulated jet effects on radial pressure distributions for a 1/3-scale air slew missile at subsonic and supersonic Mach numbers and angles of attack from 15 to 165 deg (U)	1975
19760079002	Altitude development of the F100-PW-100 turbofan engine, phase 9 (U)	1975
19760079003	Aerodynamic loads data on the AGM-65A in the flow field of the A-10A at Mach numbers from 0.3 to 0.8 (U)	1975
19760079004	Development of HTPB propellant for ballistic missiles. Volume 1: Program technical report (U)	1975
19760079005	Development of HTPB propellant for ballistic missiles. Volume 2: Appendices (U)	1975
19760079006	ACEVAL: A critical analysis of a proposed air combat evaluation program (U)	1975
19760079010	Thermal and structural design analysis of the agile gimbal nozzle (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079011	Altitude development of the F100-PW-100 turbofan engine. Phase 10: Fan performance, augmentor transient operational characteristics, engine controls study, and lubrication system cooling evaluation (engine S/N FX215-14) (U)	1975
19760079018	A comparative analysis of laser terminal homing systems operating in the 2-10 micrometer wavelength region (U)	1975
19760079020	Department of the Army five year test program (user testing) FY 76-80 (includes FY 81-82 for planning), volume 1 (U)	1975
19760079021	Department of the Army five year test program (user testing) FY 76-80 (includes FY 81-82 for planning), volume 2 (U)	1975
19760079022	Department of the Army five year test program (user testing) FY 76-80 (includes FY 81-82 for planning), volume 3 (U)	1975
19760079023	Microwave Spectral Signatures (MSS), background and measurement/analysis activity (U)	1975
19760079025	Demonstration of upgraded HTPB propellants (U)	1975
19760079026	Uncured propellant end burning rocket development program (U)	1975
19760079027	PCDE propellant for ballistic missiles (U)	1975
19760079029	Pot life studies on R45M composite. Part 3: Effects of AP and a ferrocene derivative catalysis (U)	1975
19760079032	Radar techniques program (U)	1975
19760079034	Radar and launch support requirements for using SPRINT and SPARTAN missiles in atmospheric nuclear tests (U)	1975
19760079035	Advanced television seeker (ATVS), volume 1 (U)	1975
19760079036	X-ray and neutron effects in EMP at low altitudes (U)	1975
19760079037	Cost-effective study of FLIR thermal imaging systems (U)	1975
19760079038	RCS of engine cavities (U)	1975
19760079039	Technical publication summaries, April - June 1975 (U)	1975
19760079040	Energetic smokeless propellants (U)	1975
19760079041	Beamrider guidance, technique investigation (U)	1975
19760079042	Performance technical evaluation of the F-14A airplane, volume 2 (U)	1975
19760079043	Performance technical evaluation of the F-14A airplane, volume 1 (U)	1975
19760079053	Follow-on operational test and evaluation of the AN/TPB-1A, ground-directed bombing system (U)	1975
19760079058	Stand Off Target Acquisition System (SOTAS), experiment FC 028 (U)	1975
19760079059	Stand Off Target Acquisition System/Improved Scout Target Acquisition and Recognition side test (SOTAS/ISTAR), experiment FC 028, supplement 1 (U)	1975
19760079060	Propulsion review. Part 4: Airbreathing propulsion research and development (U)	1975
19760079062	Experimental and analytical investigation of terrain following radar signal processing techniques, as applied to the EAR system (U)	1975
19760079069	Tactical process requirements analysis (U)	1975
19760079072	An adaptive Kalman filter for target motion analysis (U)	1975
19760079083	Equipment specification for recognition set AN/ASX-2 (U)	1975
19760079085	Development of coatings and overlays (U)	1975
19760079089	Accuracy of computed low altitude satellite orbits (U)	1975
19760079091	Study of beamformer processing in the AN/AQA-7 (V) (U)	1975
19760079092	Pyrotechnic OCM technique (U)	1975
19760079094	Resonance Raman spectroscopy (U)	1975
19760079096	Infrared scanner, AN/AAR-38(CECO/C-131) (U)	1975
19760079097	Electro-optical countermeasures simulator upgrade: Experiments on probability of detection and tactics (U)	1975
19760079100	Aircraft engine vulnerability study (U)	1975
19760079103	Evaluation of a VHF voice communications system in the presence of jamming (PENVAL program) (U)	1975
19760079104	An EMC analysis of the AN/TPQ-36 radar system (U)	1975
19760079105	Radar techniques program (U)	1975
19760079107	Technology development program for large aperture lightweight optical systems. Volume 5: Summary (U)	1975
19760079108	Improved technique for drag estimation from coherent radar data (U)	1975
19760079110	Research and investigations of radar techniques for an aerospace vehicle (U)	1975
19760079113	Multistatic technology application study (U)	1975
19760079118	F-111/ARES test support. Volume 2: Test point log (U)	1975
19760079122	Assessment of JP-8 as a replacement fuel for the Air Force standard jet fuel JP-4. Part 2: Fuel vulnerability in a combat environment (U)	1975
19760079123	Optical signature/data handbook (U)	1975
19760079150	RAT SCAT radar cross section measurements of the Thor Mark 2, type 202-098, reentry vehicle (U)	1975
19760079161	Some aspects of radial heat flow in a metal plate exposed to laser radiation (U)	1975
19760079183	A noncooperative target recognition algorithm (U)	1975
19760079184	Environmental effects on internal wave propagation from a discrete source (U)	1975
19760079185	Development test and evaluation (DT/E) flight test report for TEREK (U)	1975
19760079190	Focal plane development program. Volume 2: Technical developments (U)	1975
19760079191	Focal plane development program. Volume 3: Appendices (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079192	Application of mathematical programming techniques for optimal utilization of sonar equipment (U)	1975
19760079197	Laser barrier materials for internal componentry of Air Force Systems (U)	1975
19760079198	Engine radar cross section study (U)	1975
19760079207	High power pulse system (U)	1975
19760079208	A digital IRCCM processor for a rosette scan seeker (U)	1975
19760079210	Trim observations of a U2 aircraft exhaust plume (U)	1975
19760079211	Preliminary evaluation of pulsed weapons: Effectiveness analysis (U)	1975
19760079213	Wideband emitter location techniques (U)	1975
19760079214	HIDE computer model deflected plume flow field description and validation (U)	1975
19760079215	HIDE computer model plume suppression prediction, validation and extrapolation (U)	1975
19760079216	The investigation of modular missile aerodynamic parameter sensitivities. Volume 1: Summary (U)	1975
19760079219	High altitude laser technology studies (U)	1975
19760079220	F-4 combat damage incident analysis (U)	1975
19760079221	Optical area correlator utility study (U)	1975
19760079222	Message processing analysis for airborne VLF (U)	1975
19760079223	Advanced medium range missile study. Volume 2: Threat assessment and requirements analysis (U)	1975
19760079224	Low concentration snow and dust erosion tests of carbon-carbon composite materials in the hyperballistic range (U)	1975
19760079225	Long range tracking study (U)	1975
19760079231	Advanced guidance technology program, volume 3 (U)	1975
19760079232	Detection evaluation. Volume 1: Radar detection (U)	1975
19760079234	Advanced weapons avionics analysis. Volume 2: Part 1: Performance requirements analyses (U)	1975
19760079235	Advanced weapons avionics analysis. Volume 2: Part 2: Technology assessment and development plans (U)	1975
19760079236	Advanced weapons avionics analysis. Volume 3: Point designs (U)	1975
19760079237	Advanced weapons avionics analysis. Volume 4: Performance verification analyses (U)	1975
19760079238	Detection evaluation. Volume 2: RF detection (U)	1975
19760079239	IFF evaluation (Mark 10 and Mark 12), promulgation of (U)	1975
19760079240	Advanced weapons avionics analysis. Volume 1: Executive summary (U)	1975
19760079241	Advanced medium range missile study. Volume 1: Executive summary (U)	1975
19760079242	Advanced medium range missile study. Volume 3: Medium range missile designs and performance (U)	1975
19760079243	Advanced medium range missile study. Volume 4: Design evolution (U)	1975
19760079247	Surveillance function for the phase 2 SOTAS test demonstration (U)	1975
19760079251	Operational evaluation of the S-3A weapons system (phase 3) (U)	1975
19760079254	Enhancement of visual performance in Army aviation: A comparison of two commercial products for repairing acrylic aircraft transparencies	1975
19760079255	Prediction of sonic boom at a focus	1975
19760079257	RAE computer users' guide to the RADS 'compile and run' facility under GEORGE	1975
19760079261	An investigation of computational time reduction methods for solving the Navier-Stokes equations	1975
19760079263	NASA space shuttle facilities orbiter mating device: Cost validation study	1975
19760079267	Technology Assessment Studies Applied to Supersonic Cruise Vehicles	1975
19760079269	Noise attenuation of the Cosmodyne model GB-2 low pressure liquid oxygen /nitrogen plant	1975
19760079270	Cosmodyne model GB-2 low pressure liquid oxygen/nitrogen plant. Plant improvements	1975
19760079271	MEECN nuclear effects system codes, volume 9. WEPH V code: User's guide	1975
19760079272	MEECN nuclear effects systems codes, volume 10. NUCOM 2 code: User's guide	1975
19760079276	Two-phase mixing processes in airbreathing combustors	1975
19760079277	The F-15 initial operational test and evaluation - test environment, procedures, and data collection, annex F	1975
19760079278	The F-15 initial operational test and evaluation - maintenance, reliability, training, and logistics, annex E	1975
19760079281	Altitude performance of five Thiokol Chemical Corporation TE-345 Titan 2 Vernier Motors having ages of 147 months	1975
19760079282	The impact of revised atmospheric thermal transmittance on nuclear thermal hardening criteria and equipment survivability	1975
19760079283	Development of SCAT nose-tip concept for advanced reentry vehicles	1975
19760079284	Automatic reseau recognition	1975
19760079285	The SAM-D. Volume 1: Engineering development summary report	1975
19760079291	The NAVALEX man-made radio noise program	1975
19760079293	Analytical methodology for Evaluation of Payoffs for Infrared Countermeasures and Suppression (EPICS)	1975
19760079294	Multispectral Airborne Target Radiation Imagery Characteristics (MATRICS). Volume 2: Model description	1975
19760079301	Skycatch mark II/C-4 recovery system	1975
19760079302	Qualification test report on transistors. Semiconductors, transistors, general purpose, silicon NPN planar, plastic enclosure	1975
19760079304	Evaluation of the NX-1 prototype GMAW flexible torch	1975
19760079305	Aerojet thin film transistors	1975
19760079306	The ASQ-81(V)-2 towed MAD support	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079317	Laboratory X-ray diffraction focuser	1975
19760079321	Stores interface data handling analysis: Phase 2, volume 2: Appendixes	1975
19760079322	Radiation and thermally hardened switching materials	1975
19760079323	Propagation characteristics of narrow X-ray pulses	1975
19760079326	Partial spectrum signature on the AN/URN-3A radio set, serial 73	1975
19760079327	Light attenuation and scattering by trace amounts of water vapor on LN sub 2-cooled optics in the infrared	1975
19760079328	Wind tunnel tests of a 1/5-scale AQM-34R(S) drone at Mach numbers from 0.6 to 0.8	1975
19760079330	Sensor data bank development: Time standard error models and data file	1975
19760079331	Analysis of dynamic stresses within a terminal delivery vehicle during penetration of a hard earth target	1975
19760079333	Miniature Thermal Bar Torch (MTBT)	1975
19760079334	HF, high power, directional rotary-wing aircraft antenna	1975
19760079335	Technical investigation of the SSR-CAS concept and flight test program requirements	1975
19760079343	The normal electrocochleogram	1975
19760079345	Integration technology program	1975
19760079348	Results of 0.2-scale B-1 production inlet development and verification tests at subsonic and supersonic Mach numbers	1975
19760079349	Plume-induced base flow separation studies	1975
19760079350	High-power LOC lasers: Synthesis and mode control	1975
19760079351	The 200 watt compact CO2 laser	1975
19760079353	Sailing flight dynamics study	1975
19760079354	Wear test of experimental insulated flight boot type FWU-9/P	1975
19760079357	Aerodynamic enhancement study	1975
19760079360	Flight fidelity evaluation of the T-2C operational flight trainer, device 2 F101	1975
19760079362	Structural vibration test methods implemented at ONERA	1975
19760079369	Canadian upper air data, January 1975	1975
19760079371	The design of unswept large aspect ratio wings with flaps for two flight conditions	1975
19760079376	TAV-8A environmental control system description and analysis	1975
19760079383	Experimental program to demonstrate feasibility of FOAMHEST	1975
19760079384	TAV-8A Harrier armament characteristics	1975
19760079385	TAV-8A cabin and equipment air conditioning systems performance analysis	1975
19760079386	TAV-8A environmental control system effect of mods and ECPS	1975
19760079387	AV-8A Harrier armament characteristics post mod 800	1975
19760079388	TAV-8A electric capabilities summary report with mod 580 (12 KVA generator) incorporated	1975
19760079389	TMK.2/TAV-8A armament systems conversion	1975
19760079392	Octol explosive investigation of exudation and growth	1975
19760079393	Manufacturing methods program for X-band TR limiter	1975
19760079394	Manufacturing methods program for X-band TR limiter	1975
19760079400	Energy transfer, mechanisms and traction performance	1975
19760079402	Quarterly progress notes, 1 January - 31 March 1975	1975
19760079405	HCU-6/E pallet coupler/spacer	1975
19760079406	Application of fluidic and pneumatic elements to determine the composition of a gaseous mixture	1975
19760079407	Prospects for the use of hard alloys as cutting tools	1975
19760079413	Effect of camouflage on visual detection	1975
19760079427	Standoff target acquisition system (SOTAS) test design	1975
19760079428	Global positioning system spacecraft and upper stage analysis	1975
19760079430	Operational assist on the shipboard automatic weather station AN/SMQ-7 (XAN-2)	1975
19760079431	Voice advisory intelligibility in a simulated dogfight acoustic environment	1975
19760079432	Mirror-surface defects and efficiency limitations of Fabry-Perot interferometers with coherent and incoherent illumination	1975
19760079433	Navy evaluation of the AN/ARC-174 (Collins 718U-5) HF transceiver installed in the SH-3H helicopter	1975
19760079434	Evaluation of the A-7E night carrier landing trainer, device 2F103	1975
19760079435	Operational test 1 of multiple integrated laser engagement system, change 1	1975
19760079436	The Lincoln submarine-towed ELF loop antenna	1975
19760079443	Tailoring management by objectives to an organization and its environment: MBO/R in Air Force contract management division	1975
19760079444	Automated procedure for airfield site evaluation	1975
19760079446	Future role of fast breeder reactors	1975
19760079447	Measuring the postimpact delay and flighttime by electromagnetic phenomena at detonation	1975
19760079449	Measurements of Barkhausen spectra of Fe specimens	1975
19760079450	Test program to investigate an improved discharge/charge procedure for the TOW launcher battery BB-287(XO-2)/T	1975
19760079454	Stability of subharmonic limit motions of a slightly asymmetric missile	1975
19760079455	DF-CO2 transfer laser development	1975
19760079456	Expendable power sources for undersea applications	1975
19760079457	Plastic-coated rigid electrical conduits for use at naval shore facilities	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079458	B-52G/VPD external coupling predictions	1975
19760079459	Integrated monolithic photosensor arrays	1975
19760079470	Development test 2 (service phase) of tactical landing system with special test equipment	1975
19760079475	Sea control ship fly control: Work station design	1975
19760079476	Structural characteristics of AV-8A and TAV-8A aircraft static and fatigue test summary	1975
19760079477	Test and evaluation of the aircraft tire inspection unit	1975
19760079478	Reliability and maintainability (R and M) test and evaluation of P-3C update 1 peculiar preproduction equipment in the P-3C update 1 prototype airplane	1975
19760079481	Effect of raster scan lines, image subtense, and target orientation on aircraft identification on television	1975
19760079482	Influence of macrostructure on fracture mode in the stress corrosion cracking of HY-130/MIL-14018 welds	1975
19760079483	Fractographic examination of cracks in A/B-1 model	1975
19760079485	Structural analysis of the feasibility model photographic reconnaissance pod subsystem of the tactical airborne reconnaissance pod system	1975
19760079487	Operational test 1 of multiple integrated laser engagement system, volume 1	1975
19760079488	Operational test 1 of multiple integrated laser engagement system, volume 2	1975
19760079491	A Microprogrammable Integrated Data Acquisition System (MIDAS)	1975
19760079494	Development test 2 (prototype qualification-government) of demolition firing device, XM124	1975
19760079495	Aerodynamic characteristics of the GBU-15 Cruciform Wing Module (CWM) at Mach numbers from 0.4 to 1.6	1975
19760079496	Improving the content of geodetic journals	1975
19760079497	State-of-the-art and prospects for development of geodetic instrument construction	1975
19760079498	Factors affecting the radiation resistance of materials irradiated in fields of accelerator scattered radiation	1975
19760079499	Measurement of the scattering parameters of high-frequency transistors	1975
19760079500	Stable anodes for matrix type cells. 2: Porous platinum-titanium anodes	1975
19760079501	Storage of continuous signals in gas and fluidic systems	1975
19760079502	Methodology investigation of improved techniques for thermocouple attachment	1975
19760079503	Photoelectric devices based on heterojunctions- in the Al AS-GaAs system	1975
19760079504	Possibility of use of the ceramic cadmium sulfide for making high-voltage photoconverters	1975
19760079505	Manufacturing methods and technology for a four-stage thermoelectric cooler	1975
19760079507	Analysis of chemical lasers	1975
19760079508	Comparative analyses of results from wind tunnel wall interference tests in the AEDC aerodynamic wind tunnel (uT) with a 1.3-percent blockage model	1975
19760079509	The study of the feasibility of sub-LF downlink transionosperic propagation from satellite sources using a full-wave treatment	1975
19760079512	Protective-antireflective thin films for polycrystalline zinc selenide and alkali halide laser windows	1975
19760079513	An evaluation of the LCSS detector adapter ND filters	1975
19760079515	Group 3, group 4, group 5 compound semiconductors	1975
19760079517	The effect of speed-dependent pitching moments on longitudinal stability	1975
19760079518	The group velocity of light	1975
19760079519	Nature of the photovoltaic effect in thin polycrystalline layers of Cd Te	1975
19760079521	Research on the attenuation of electromagnetic waves by rain with 52, 90.8, and 150	1975
19760079522	Experience with electric propulsion units for vehicles	1975
19760079523	An introduction to high-energy lasers	1975
19760079524	The electronic energy structure of amorphous semiconductors	1975
19760079525	Energy crisis: Security storage system for fuel: Military needs	1975
19760079532	Manufacturing methods program, IMPATT diodes. Volume 1: Development of manufacturing methods	1975
19760079533	Manufacturing methods program, IMPATT diodes. Volume 2: Manufacturing techniques and processes	1975
19760079536	The application of CIAPS as a management tool	1975
19760079537	Attitudes on the use of simulators	1975
19760079539	Technical tests of thin-walled fuel hose type NW 100 and ND 16	1975
19760079541	Fuel pump installation, 400 l./min. with motorized drive	1975
19760079542	Long-term storage of metal products in hermetically sealed skin-pack packing	1975
19760079544	Qualification test report for holoform corporation plastic container for DRAGON round	1975
19760079545	Application of nuclear magnetic resonance spectroscopy to double-base propellant analysis	1975
19760079546	Simulated altitude performance of five Thiokol Chemical Corporation TE-344 Titan 2 retrorockets having ages of 146 and 147 months	1975
19760079548	Automatic Radar Pattern Recognition (ARPR)	1975
19760079549	KS-128-A Low Altitude Night Photographic System (LANPS)	1975
19760079550	Design verification and service release testing of rocket motor Mk 83 Mod 0	1975
19760079551	Surveillance evaluation of the aircrew escape system under seat rocket motors Mark 51 and Mark 92	1975
19760079552	Test and evaluation of color negative analyzers	1975
19760079553	Test of prefilters for use with coalescent filter/separators and Navy distillate fuel	1975
19760079554	Development of self-lubricating piston-seal materials for high-pressure, oil-free air compressors	1975
19760079555	Fundamentals for the calculation of a stress-free heating of steel alloys in industrial furnaces	1975
19760079556	Interfacial temperature and adhesion in thermal spraying	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079557	Airborne-noise reduction of a 36-foot landing craft personnel large Mark 4	1975
19760079558	The effect of 3D wave parameters on the microstructure of carbon-carbon composites	1975
19760079559	Turbine engine loads simulator cost and design verification study	1975
19760079562	Stress corrosion studies of a silver-containing aluminum alloy	1975
19760079563	Development and evaluation of low-temperature cure primers for MK-82 bombs	1975
19760079564	Helicopter automatic hookup system for heavy external cargo; feasibility study	1975
19760079565	Retro-reflections for an LSL (Laser Sonobuoy Location) system	1975
19760079566	General Electric T58-GE-16 fuel system evaluation, 600 hour mission cycle	1975
19760079567	Covert intership communication for underway replenishment. A feasibility study of near-field techniques	1975
19760079568	Metallurgical evaluation of HY-130 steel forgings	1975
19760079570	AN/UYSK-7 FORTRAN programming manual	1975
19760079571	High energy laser mirrors and windows	1975
19760079573	Operational assessment of mechanical headwindow cleaner	1975
19760079574	The Smoke Chromacorder	1975
19760079575	Magnetic bubble memory	1975
19760079579	Comparison test truck, tank, fuel servicing, 2-1/2 ton, 6x6 1200-gallon, M49A2C, without winch	1975
19760079580	Product improvement test of nonmetallic fuel tanks for trucks, M151 series	1975
19760079581	Engineer design test of forced powder metal gear test for M151A2 differential	1975
19760079582	Engineer design test of battery temperature sensing device	1975
19760079584	F-14 automatic carrier landing system technical evaluation and development program	1975
19760079586	Deliberate aircraft antenna theoretical analysis. Volume 3: Deliberate aircraft antenna memos 1 through 16	1975
19760079588	Welding dissimilar metals	1975
19760079591	Development of a parachute system for Minuteman I missile launch from C-5A aircraft	1975
19760079599	Design and evaluation of 1/2 inch and 7/8 inch semirigid coaxial cables with corrugated outer conductors	1975
19760079600	Digital fiber-optic transmitter module	1975
19760079602	Semiconductors, diode	1975
19760079609	Integration errors for the simple-layer model in satellite geodesy with vanishing height of the field point	1975
19760079610	Numerical terrain model and its structure	1975
19760079611	The future of gravimetric geodesy	1975
19760079612	An opto-electronic tape-encoded control-indicator for radio set AN/GRC-103V	1975
19760079613	Electro-chemical aspects of selenium oxychloride. 1: Solvent and chloro-acidity systems	1975
19760079614	Hughes Gallium-arsenide laser communicator	1975
19760079619	MEECN nuclear effects system codes. Volume 3: DCOM code: Program descriptions of the computer routines	1975
19760079620	MEECN nuclear effects system codes. Volume 2: DCOM code: User's guide	1975
19760079621	Investigation of microcircuit seal testing	1975
19760079622	Product support program: Air turbine starters air control valves, volume 1	1975
19760079623	Product support program: Air turbine starters air control valves, volume 2	1975
19760079624	F-111/ARES detailed test plan. Volume 1: Overall test considerations	1975
19760079625	F-111/ARES detailed test plan. Volume 3: External coupling and deliberate antenna experiments	1975
19760079626	Stores interface data handling analysis. Phase 2, volume 1: Technical discussion	1975
19760079628	List of EFAB documents dealing with pyrotechnic delays	1975
19760079636	Experimental study of the breakup of a drop under the influence of a gas moving behind a shock wave	1975
19760079637	Aerodynamic interference effects on various weapon shapes in the flow field of a transonic wing configuration at Mach numbers from 0.5 to 1.3	1975
19760079638	Holographically prepared gratings for integrated optics	1975
19760079640	Flame spreading over liquid fuels	1975
19760079641	Service experience on gas turbine engines; marine and aircraft	1975
19760079642	Preliminary surveys of the three dimensional boundary layer on a yawed, spinning body of revolution	1975
19760079644	Semiconductor-insulator surface studies in Ge and GaSb	1975
19760079646	Dynamic properties of towed array materials	1975
19760079647	The design and fabrication of a ceramic-lined gun barrel insert	1975
19760079648	DNA digital computer program manual, the B code, an AFWL air burst electromagnetic pulse prediction code	1975
19760079649	Evaluation of Arrow rocket accuracy mechanisms	1975
19760079651	High-pressure recovery nozzle/cavity/diffuser technology	1975
19760079652	Liquid fuel laser research	1975
19760079653	Feasibility of new lasers	1975
19760079655	Instrumentation development of gated image intensifier television system	1975
19760079658	Advantage of hydrocarbon gases as a motor vehicle fuel	1975
19760079660	Charge for manufacture of spinel refractories	1975
19760079661	Correlation between static and fatigue strengths in reinforced plastics	1975
19760079663	Digital computer system/segment computer programming manual for the tactical information processing and interpretation system (TIPI) WS-428A	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079665	Advanced complementary metal-oxide-semiconductor circuit technology, phase 1	1975
19760079666	Radiation hardened MNOS memory program	1975
19760079667	QKW 1818, phase 1	1975
19760079668	MSI/LSI radiation effects study	1975
19760079669	Evaluation of TICS: A multics subsystem for development and use of CAI courseware	1975
19760079670	Amplified ferrimagnetic echo techniques and devices	1975
19760079671	Fabrication of large-diameter test cylinders	1975
19760079673	Abatement of pollution caused by abrasive blasting status in naval shipyards	1975
19760079674	High-cycle fatigue behavior of 5086-H116 aluminum alloy electron beam weldment	1975
19760079675	US navy report on the current status of unconventional photographic materials of interest to the US Navy	1975
19760079676	Container Delivery System (CDC) release gate and restraint harness rigging	1975
19760079681	Manufacturing methods and technology for closed cycle cryogenic coolers	1975
19760079683	Precession, universal time, ephemeris time, and rotation of the earth	1975
19760079685	Load capacity of rings formed by winding of composites reinforced with high-modulus anisotropic fibers	1975
19760079686	The Kraka multipurpose vehicle: First West German special vehicle for air troops	1975
19760079687	Corrosion resistant assembly of wax-treated cardboard boxes	1975
19760079688	Calculation of thermal processes in heating and heat-treating furnaces	1975
19760079689	Studying the cooling capacity of two- and three-phase quenching agents in a water base	1975
19760079690	Development of an E-14018 covered electrode	1975
19760079691	A management guide for electromagnetic pulse testing	1975
19760079693	Unstable resonators for chemical lasers	1975
19760079694	Beam sampler for autoalignment	1975
19760079695	The removal of seawater from distillate fuels by batch settling. Phase 2: Conceptual design of an apparatus simulating the critical ship motions of fuel tanks	1975
19760079696	Basic research on laser plume characterization	1975
19760079697	Human factors engineering, test and evaluation technology	1975
19760079698	An analysis of Military Airlift Command's utilization of flight simulators	1975
19760079699	Test and evaluation of the General Electric TF34 engine air transport stand P/N-21C5600G01	1975
19760079700	An analysis of United States Air Force communications security education program goals, objectives and methods as applied within Air Force communications service	1975
19760079701	A resource allocation information concept for Air Force Systems Command R and D managers	1975
19760079702	A single manager concept for the USAF automated weather network	1975
19760079706	Kinetics of homogeneous catalytic reaction of dissociation of hydrazines in the fluid phase	1975
19760079708	PL/I: For Air Force computer systems	1975
19760079709	Implementation of United States Air Force automatic data processing requirements studies: A management dilemma	1975
19760079710	Proposals for US military space missions in the late twentieth and early twenty-first centuries	1975
19760079711	Potential bird hazards during the oversea phase of the B-1 flight test program	1975
19760079712	A-4 main landing gear actuator load survey	1975
19760079713	Survivability of helicopter shafting containing ballistically-induced apertures	1975
19760079714	Climatic factors in Navy VTOL aircraft operation	1975
19760079717	SPADATS deployment for new foreign launches	1975
19760079718	Covariance propagation equations for optimal and suboptimal Kalman-filter-integrated multisensor inertial systems	1975
19760079721	Thermal fluxmeters and tests to optimize pyrotechnical components	1975
19760079722	Autorotating magnus-rotor aero-design handbook	1975
19760079724	The influence of muzzle gasdynamics upon the trajectory of fin-stabilized projectiles	1975
19760079725	Effective drag coefficient for various small arms projectiles in dense media	1975
19760079726	The quantitative determination of 2-nitrodiphenylamine in a composite modified double-base propellant using high performance liquid chromatography	1975
19760079727	Air-target component kill criteria. Phase 4: A ballistic impact damage prediction model	1975
19760079728	Validation plan for the point scatterer model	1975
19760079729	Combustion of nitramine propellants	1975
19760079730	Comparative and evaluation of the developmental GAC collimated light boresight system and the developmental model VSD inertial optical boresight set	1975
19760079731	First article testing of decoder group AN/UPA-59 optical active readout field change	1975
19760079732	Technical evaluation of production model GCA moving radar target generator device 15G14	1975
19760079735	Low-cost S-band transmitter tube for phased array radars	1975
19760079736	Study of radiation effects in MSI/LSI technologies	1975
19760079737	Ambient and internal temperatures and relative humidities of SSN/SSBN 300-kW motor generator sets during typical operating conditions	1975
19760079738	Development test 2 (engineering phase) of viewer, driver's night vision, AN/VIS-2	1975
19760079740	Engineering evaluation of Bendix Corporation P/N 39B170-2-A, 100 VA, single phase, static inverter	1975
19760079741	Qualification verification of Bendix model 28B187-4-A AC generator used of f-4 aircraft	1975
19760079742	Differential calorimetry of lead-tin eutectic alloy	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079743	Documentation of two- and three-dimensional seepage problems using the finite element method	1975
19760079744	The Air Force and the energy problem: Base location considerations	1975
19760079745	Product improvement test of Vulcan battery conditioning	1975
19760079746	More rational utilization of photomaterial waste	1975
19760079747	Impact deformation in polycrystalline metals	1975
19760079748	Protective effect of certain organophosphorous compounds in radiation destruction of polymethylmethacrylate	1975
19760079749	Thermal decomposition and recovery of polyurethane	1975
19760079750	USS NIMITZ (CVAN-68) aircraft compatibility trial guidance and recovery division report	1975
19760079751	B-52H flight manual and standard aircraft characteristics charts	1975
19760079752	The titanium industry in the mid-1970's	1975
19760079753	The design for a specialized flight line maintenance vehicle	1975
19760079754	Optimal flight planning for jet cargo aircraft	1975
19760079755	Remotely piloted vehicles in the USAF, 1975-1990	1975
19760079756	The tanker-cargo aircraft acquisition and control alternatives	1975
19760079758	V/STOL aircraft prediction technique development for jet-induced effects. Volume 1: Theoretical and empirical development of prediction techniques	1975
19760079760	Vulnerability analysis of the A-10 aircraft to impacting 23-mm HEIT and 57-mm HE projectiles, SA-7 missile warhead, and a proximity-fuzed surface-to-air missile (U)	1975
19760079769	Air Force Systems Command technology needs originated by Air Force laboratories (U)	1975
19760079770	Advanced target tracking techniques (U)	1975
19760079771	Ferrite radar absorbing materials, Part 3 (U)	1975
19760079772	Project Quickturn gimbal nozzle TVC system (U)	1975
19760079774	Analytical models for high velocity particle erosion (U)	1975
19760079776	Performance of the Hardened AECO switch at the Delta, Utah AUTOVON switch center (U)	1975
19760079778	Infrared signature evaluation of project graph angle vehicle (U)	1975
19760079779	Vehicle exhaust cooling technique as infrared countermeasures (U)	1975
19760079780	Feasibility test and evaluation of Vehicle infrared alarm (VIRA) (U)	1975
19760079786	Telecommunications electromagnetic pulse (EMP) index (U)	1975
19760079787	Harpoon weapon system Navy technical evaluation report. Volume 1: Executive summary (U)	1975
19760079788	Contractor support and advanced development test of the Piranha mine (U)	1975
19760079789	ACTV/MAFLIR flight test data analysis (U)	1975
19760079790	FLAMR image quality studies and processing trade-off experiments (U)	1975
19760079791	A compendium on penetration of helmet armor materials by cube and right circular cylinder fragment simulators (U)	1975
19760079792	Scanning module for ALS I seeker subroutine (to be used with 6-DOF terminal homing simulation program, RG-73-22, dated 10 October 1973) (U)	1975
19760079793	Altitude development of the F100-PW-100 turbofan engine -phase 11 - altitude performance, augments development and transient characteristics, engine windmill starts, spooldown and relight capabilities and engine controls study engine S/N FX219-13	1975
19760079795	LPE PbSnTe heterojunction array (U)	1975
19760079797	Abstracts of electronic vulnerability documents, volume 1, number 3 (U)	1975
19760079798	Abstracts of electronic vulnerability documents, volume 1, number 4 (U)	1975
19760079799	Abstracts of electronic vulnerability documents, volume 2, number 1 (U)	1975
19760079800	Harpoon weapon system Navy technical evaluation report. Volume 2: Technical report (U)	1975
19760079803	Thermal signature model for tactical targets (U)	1975
19760079804	Electron bombarded semiconductor amplifier (U)	1975
19760079805	Electron bombarded semiconductor amplifier (U)	1975
19760079809	Propulsion review. Part 4: Airbreathing propulsion research and development (U)	1975
19760079825	New Horizons 2. Volume 5: The role of the Air Force in space (U)	1975
19760079826	New Horizons 2. Volume 6: Laser technology applications (U)	1975
19760079827	New Horizons 2. Volume 7: Future operational concepts. Part A: Night and adverse weather operations. Part B: General purpose and mobility forces (U)	1975
19760079828	Hardened focal plane development program (U)	1975
19760079837	Lower sideband study, mathematical model and learn software (U)	1975
19760079842	VLF/LF adaptive antenna improvements (U)	1975
19760079844	CO2 emission of jet exhaust plumes as seen through the atmosphere: A review (U)	1975
19760079853	Advanced space-based strategic concepts study (U)	1975
19760079859	Manned air combat simulations AV-8A versus FRESCO (U)	1975
19760079864	Subtle techniques against TV imaging sensors (U)	1975
19760079865	An ubiquitous drone/RPV concept (U)	1975
19760079867	BGM4B (U)	1975
19760079869	Operational concept for the F-16 tactical aircraft (U)	1975
19760079871	A user's introduction to the Joint Tactical Information Distribution System (JTIDS), volume 2 (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760079873	Measurements of emitted infrared radiation from a J85-GE-5 turbojet exhaust plume at ground level static and at simulated flight conditions (U)	1975
19760079875	Rain/ice erosion resistant nose tip/heat shield evaluation and development. Volume 1: FY 1974 SAMS evaluation of ABM heat shield materials in a free flight rain/ice environment (U)	1975
19760079876	Titan 2 flight analysis report. Mission DG-2 vehicle B-52 (S/N 62-12295) (U)	1975
19760079886	S-band study (U)	1975
19760079887	The 616A blackout analysis for airborne transmissions (U)	1975
19760079890	Studies on the survivability of superhard deep-underground systems (U)	1975
19760079896	Aircraft shelter upgrade study, phase 1 (U)	1975
19760079898	Long-life survivability aids for COMSAT systems (U)	1975
19760079905	Erosion resistance of heatsink missile material (U)	1975
19760079907	SAM detector (SAMDET) system (TI/B-26) (U)	1975
19760079909	DARK EYES operational analysis and system design (U)	1975
19760079910	Area protection of Army ground equipment to laser radiation (U)	1975
19760079911	Installation of an AN/ALQ-119(V)-14 ECM pod carriage capability on the F-111E aircraft (U)	1975
19760079913	Color and polarization requirements for the VRS visual camouflage system (U)	1975
19760079914	Advanced airborne instrumentation system concepts, test range applications in 1980's (U)	1975
19760079919	ELS design study 3. Volume 1: Sections 1 - 5 (U)	1975
19760079920	ELS design study 3. Volume 2: Sections 6 - 9 and appendixes (U)	1975
19760079921	Emitter location system design study 2. Volume 1 (U)	1975
19760079922	Emitter location system design study 2. Volume 2: Appendixes (U)	1975
19760079929	Emitter location system design study 1. Volume 1: Sections 1 - 5 (U)	1975
19760079930	Emitter location system design study 1. Volume 2: Sections 6 - 8 (U)	1975
19760079931	Emitter location system design study 1. Volume 3: Sections 9 - 13 (U)	1975
19760079932	Emitter location system design study 1. Volume 4: Appendices and references (U)	1975
19760079943	The investigation of modular missile aerodynamic parameter sensitivities. Volume 2: Supporting technical data (U)	1975
19760079944	Advanced RPV emitter location system design concepts, volume 1 (U)	1975
19760079945	Advanced RPV emitter location system design concept, volume 2 (U)	1975
19760079946	Advanced RPV emitter location system design concept, volume 3 (U)	1975
19760079947	Space shuttle noise suppression study	1975
19760079952	The development and calibration of the RAE Mk.4 rain gun for the simulation of flight through rain	1975
19760079953	Numerical solutions for transonic flows past wing-body combinations	1975
19760079955	Field measurement of algal biomass by infrared reflectance	1975
19760079957	A method of presenting a record of parachute swing	1975
19760079968	Fiscal 1975/1976 contracts and projects on combustion	1975
19760079969	Environmental Impact Considerations for Disposal of Propellants and Ingredients	1975
19760079970	Environmental impact assessment and impact statement, part 1	1975
19760079971	Pollution control measures: Retention, storage, and recovery, part 2	1975
19760079972	Propellant disposal technology, part 3	1975
19760079992	MASCOT: A Modular Approach to Software Construction Operation and Test	1975
19760079993	An outline of the techniques available for the measurement of skin friction in turbulent boundary layers	1975
19760079994	A hierarchical system for the classification of single-strand organic polymers	1975
19760079996	Acoustic propagation in a steady potential flow at low Mach number	1975
19760079997	Quantisation and its effects on power spectra	1975
19760079998	An investigation of parachuting convergence from the Hercules C Mk 1 aircraft	1975
19760080018	Molecular sound absorption in benzene and cyclohexane	1975
19760080019	A reference book for the aviation engineer	1975
19760080020	Structural parts of corundum ceramics	1975
19760080024	High-frequency electromagnetic radiation effects during detonations	1975
19760080025	Optical SATCOM: Effect of clouds on global availability of optical satellite communications links, volume 2	1975
19760080026	Optical SATCOM: Effect of clouds on global availability or optical satellite communications links, volume 3	1975
19760080027	Development of a titanium, ceramic-ball valve for seawater systems	1975
19760080028	Cost baselines in excess of contract target cost	1975
19760080033	Production engineering measure for capacitors, electrolytic aluminum high reliability, high voltage	1975
19760080034	Terrain classification study	1975
19760080036	Main features, performances and applications of minicomputers	1975
19760080037	An analysis of automatic data processing facility organization structures	1975
19760080038	Third party maintenance of automatic data processing equipment (ADPE)	1975
19760080039	The concept of interoperability	1975
19760080040	Charge Coupled Device (CCD) BORAM memory techniques (nonvolatile)	1975
19760080042	Operation test and evaluation of the A/A47U-3 tow system	1975
19760080043	Solid propellant binder	1975
19760080044	Ship based MIDI remotely piloted vehicle recovery systems	1975
19760080045	Evaluation of personnel and training requirements for the P-3C MMF (Mobile Maintenance Facility)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080046	Evaluation of personnel and training requirements for the P-3A/B MMF (Mobile Maintenance Facility)	1975
19760080047	Fleet product support of the Pratt and Whitney J57-P-420 engine	1975
19760080048	Corrosivity of MIL-A-8243 deicing-defrosting fluids	1975
19760080049	Maximum performance ejection seat	1975
19760080052	US Army Missile Research, Development and Engineering Laboratory posture report, FY 1975	1975
19760080053	Comparative evaluation test for REMBASS classifying sensors, sensor selection tests	1975
19760080054	Satellite communications monitor center (AN/TSQ-118). US Army Satellite Communications Agency, Fort Monmouth, New Jersey, 22 September 1975	1975
19760080055	Frequency plane output transducer (Green-gold FPOT)	1975
19760080056	Investigation of finite amplitude attenuation	1975
19760080057	On the design of near-optimum control procedures with the aid of the Lyapunov stability theory	1975
19760080058	Variable rate modem and 25 KHz secure voice modem test report	1975
19760080062	Dynamic drop tests of the MX-80 and MX-150 advanced strategic missiles at Mach numbers from 0.4 to 0.8	1975
19760080063	Jet tab thrust vector control system for remotely piloted vehicle booster application	1975
19760080064	Compounding of high-nitrogen ingredient propellants and determination of their burning rates	1975
19760080065	Evaluation of increased volume P3 sensing line on T-58-GE-8F engines in the SH-3G helicopter	1975
19760080066	Preconditions for cold-starting of combustion engines	1975
19760080067	Stability of the stationary process of burning of an explosive limited by a reaction	1975
19760080068	Kinetics of the catalytic reactions of the thermal decomposition of perchloric acid and ammonium perchlorate	1975
19760080069	L (bulk mode) instability characteristics of nozzleless rocket propellants	1975
19760080070	Thermophysical properties of thermal energy storage materials-LiF/NaF	1975
19760080071	Test of the adaptive fuel control for the TF34-GE-2 engine of the S-3A airplane	1975
19760080073	Product improvement test of MC1-1 personnel parachute with vent cap removed	1975
19760080074	DFVLR scientific investigation of rescue and recovery systems parachutes	1975
19760080076	C-5 radar altimeter cables and modified power supply assemblies	1975
19760080078	Test and evaluation of the F-14A electrical wing control surfaces test set	1975
19760080079	Evaluation of external store loading effects on static source position error for A-4 E/F/M and TA-4F/J airplanes	1975
19760080080	Evaluation of the Sony HUD TV monitor system in the YA-7H airplane	1975
19760080081	Compatibility testing of electric power system components used on H-2 lamps aircraft	1975
19760080082	Test and evaluation of the fixture: Inspection, suspension/release system LAU-92/A, F-14A aircraft	1975
19760080083	The Helicopter Employment and Landing Plan Simulation model (HELPS)	1975
19760080084	Evaluation of the AFC 321 ice deflector shield	1975
19760080085	Chaff cloud RCS studies and measurements using a high resolution radar	1975
19760080086	LWIR emission behavior of materials appropriate for use in pyrotechnic decoys	1975
19760080087	Feasibility test (CEP) of portable laser-beam communication system	1975
19760080088	Beamrider zoom optics simulations	1975
19760080089	A low-cost TV guided weapon delivery system-hybrid simulation	1975
19760080090	A user's introduction to the Joint Tactical Information Distribution System (JTIDS), volume 1	1975
19760080091	Facsimile utilization within the division (FAX IN Division)	1975
19760080092	BMDATC/Hughes scoop sensor test in a servo closed-loop operating mode on simulated flight targets	1975
19760080093	Degradation of low-scatter metal mirrors by cryodeposit contamination	1975
19760080094	Dynamic integrated graphics system user's manual	1975
19760080095	Lead-tin telluride sputtered thin films for infrared sensors	1975
19760080096	Satellite LWIR signature analysis technique evaluation. Volume 2: Signature compilation	1975
19760080097	Optimized Muffin Program, phase 2	1975
19760080098	Lightweight IR dispenser (percussion type)	1975
19760080099	High frequency Naval telecommunications system/defense communication system entry package (FMFLANT speed 2-75)	1975
19760080100	A-4F and A-4M IFF system evaluation	1975
19760080101	Flight certification of pod/pylon for P-3B interim FLIR	1975
19760080102	Restorer, pulse form TD-206(B)/G	1975
19760080103	Packet radio communications	1975
19760080104	B-52 G/H Protective Systems Test Range (PSTR)	1975
19760080108	Technology of organic compounds	1975
19760080109	Special features of thermoregulation and other reactions of man to cold climate conditions	1975
19760080110	Methodology investigation: Long term effects of fungus on Army materiel	1975
19760080112	Technical evaluation of the AN/SMQ-10, receiver-recorder set, meteorological data	1975
19760080113	The development of the NVMA operator manual and training materials concurrently with system development: A case study	1975
19760080114	Optical Warning Location Detection (OWL/D) system laser April-May 1975	1975
19760080115	AN/VSS-3A searchlight (Mod 2) for Project SATAN Modern Army Selected Systems Test Evaluation and Review (MASSTER), Fort Hood, Texas, 14 May 1975	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080116	Long Life monopropellant design criteria	1975
19760080118	Development and fabrication of a low-cost experimental one-piece solid propellant rocket motor nozzle	1975
19760080119	A measure of the effect of the separation of paired redundant components on the vulnerability of aircraft targets to single penetrators	1975
19760080120	Performance of an external burning rocket configuration in a supersonic flight environment	1975
19760080121	Utilizing real-time test data analysis in system monitoring and checkout	1975
19760080126	Post Mod 800 TAV-8A Harrier avionics system description	1975
19760080127	Post Mod 800 AV-8A Harrier avionics system description	1975
19760080128	TAV-8A fuel system analysis	1975
19760080129	Structural characteristics of AV-8A and TAV-8A aircraft catalogue of structural data	1975
19760080130	TAV-8A primary and auxiliary flight control system analysis	1975
19760080131	AV-8A air conditioning systems performance analysis	1975
19760080132	Aircraft vulnerability assessment methodology. Volume 1: General	1975
19760080133	Survey of ECOM tactical computer-based system ADP requirements	1975
19760080134	Slot-coupled shelter of vehicle performing as VHF antenna	1975
19760080135	The EDIT-COMGEOM code	1975
19760080137	Conversion to federal standard (FIPS 14) punched card code for AUTODIN subscriber terminals test plan	1975
19760080138	Hybrid millimeter-wave integrated circuits	1975
19760080139	Manufacturing methods program for X-band TR limiter	1975
19760080140	A first order estimate of the worst case current and electric field induced on the advanced airborne command post and VLF trailing wire antenna	1975
19760080142	An automatic dc nulling circuit for radiometric signal processing	1975
19760080143	Analysis and design of digital control systems. Part 1: Fundamentals	1975
19760080144	All Applications Digital Computer (AADC) Program Management Unit (PMU) users reference manual	1975
19760080145	Advanced electron device technology	1975
19760080146	Experimental evaluation of a reflection	1975
19760080147	MNOS reliability and process research	1975
19760080148	Standard modular algorithm study. Volume 1: Unclassified text and appendices	1975
19760080149	The 8K word MNOS BORAM system	1975
19760080150	Plated wire mass memory array manufacturing methods	1975
19760080151	Reliable software research plan, volume 1	1975
19760080152	S-band solid-state power amplifiers	1975
19760080154	Manufacturing methods and technology measure (MMTE) fabrication of 18 mm image	1975
19760080155	Survey of circuit elements used for reduction of and protection from systems generated electromagnetic effects	1975
19760080156	Production engineering measure for automation of multialkali photocathode processing	1975
19760080157	Software performance requirements: PPR contents requirements	1975
19760080158	InSb CIS imagers	1975
19760080159	Low cost expendable TWT amplifier for ECM	1975
19760080160	Circuit analysis of C/MOS pulse generating circuits	1975
19760080162	Manufacturing methods and technology for large area silicon avalanche	1975
19760080163	Microstructural investigation of high alumina ceramics of the vacuum envelope of the M1140 fuze A2 tube	1975
19760080164	Angle of attack/stall warning system	1975
19760080165	Ground entry point site survey. Volume 3: Electromagnetic coupling assessment reference document	1975
19760080166	Ground entry point site survey, volume 2. Part 2: Detailed description of ground entry points	1975
19760080167	Ground entry point site survey, volume 2. Part 1: Detailed description of ground entry points	1975
19760080168	Ground entry point survey. Volume 1: Overview, coupling calculational methods	1975
19760080169	Mathematical description of AADC all applications digital computer	1975
19760080171	Research on acoustic detection, location and classification of Airborne periodic sources	1975
19760080172	A volume of selected papers on the uses of radar in cloud physics measurements	1975
19760080174	Chlorophyll and dye detection with the Variosens fluorometer	1975
19760080175	Operational program for a six degree of freedom hybrid simulation of the hellfire modular missile system interface to laboratory hardware-in-the-loop	1975
19760080176	Medium Lift Helicopter (MLH) CH-47-modernization program concept formulation package. Volume 1, part 1: Executive summary	1975
19760080177	Medium Lift Helicopter (MLH) CH-47 modernization program concept formulation package. Volume 5, part 3: Appendices O-CC	1975
19760080178	Medium Lift Helicopter (MLH) CH-47-modernization program concept formulation package. Volume 3, part 3: Main report and appendices A - G	1975
19760080179	Static stability characteristics of the B-1 escape capsule with mechanically deployed stability devices at transonic Mach numbers	1975
19760080182	Human factors test and evaluation, functional description inventory as a test and evaluation tool, development and initial validation study, volume 2	1975
19760080183	Human factors test and evaluation, functional description inventory as a test and evaluation tool, development and initial validation study, volume 1	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080184	Corrosion behavior of metal fasteners in graphite-epoxy composites	1975
19760080185	Check test of antenna mast AB-864()/G	1975
19760080186	Accuracy in studying circles of high-precision astronomical and geodesic instruments by nonrigorous methods	1975
19760080187	Inflatable structures	1975
19760080188	Thermomechanical hardening of parts in the surfacing process	1975
19760080189	The cost of heat treatment	1975
19760080190	Powder metallurgy	1975
19760080191	Determination of shock wave parameters in explosive shock compacting of metal powders	1975
19760080192	Descaling of hot formed round steel	1975
19760080193	Effects of preheating steel specimens to 600 C in a protective atmosphere on the hardness, adhesive strength, and microstructure of arc and plasma-sprayed coatings	1975
19760080194	Hot isostatic pressing of TI-6Al-4V powder forging preforms	1975
19760080195	Evaluation of a portable neutron-radiographic system for the detection of hidden corrosion in the wing fuel tank of the E-2C aircraft	1975
19760080196	Manufacturing process for the densification of complex shaped woven composite preforms	1975
19760080198	Holographic inspection of aluminum-to-aluminum electron beam welds in the chaparral warhead section. Part 2: Natural voids	1975
19760080199	Charge coupled devices for gigabit recording applications	1975
19760080200	Thermostructural response of carbon-carbon materials under high heat flux environments	1975
19760080201	Advanced concepts definition analysis: SCOOP support	1975
19760080202	Nickel-Cadmium Battery Charger/Analyzer evaluation (Ni-Cad/BatCh/A)	1975
19760080203	Engineering evaluation of Collins 437B-7 UHF antenna	1975
19760080204	First article test report of the main power control box: P/N 255 E200 for the AQM-34V	1975
19760080205	Technical contract specifications for fuel-proof pipeline seals	1975
19760080207	Trapping of energy in Bamako through the use of a silicon collector of solar cells	1975
19760080208	Shatterproof ceramics: Report of German Ceramic Society Conference	1975
19760080209	Infrared spectral emittance of the ceramets SnO ₂ and MoSi ₂ and their application in new systems of high-temperature sources of radiation	1975
19760080210	Gas liberation in a lead storage battery	1975
19760080211	Prospects for use of fuel cells and storage batteries in electric vehicles	1975
19760080214	US Navy ship-deployable tactical airborne remotely piloted vehicle star development program	1975
19760080215	Development of atmospheric and ionospheric modeling	1975
19760080216	Army Management Information Systems master plan: 1976 (AMIS master plan)	1975
19760080217	Feasibility study of a helicopter programming model	1975
19760080218	Polestar position prediction program	1975
19760080219	Military Preliminary Evaluation (MPE) of the A-7 automatic maneuvering flap system	1975
19760080220	Contractor's carrier suitability demonstration of the F-14A airplane	1975
19760080221	Use of volatile corrosion inhibitors for the internal preservation of helicopter transmissions and gearboxes during storage	1975
19760080222	Failure analysis nose landing gear shock strut from A-4F aircraft 155033	1975
19760080223	Operational evaluation of the personnel recovery phase of helicopter combat rescue operations	1975
19760080224	Stabilization parachute assembly kit for helicopter recovery of damaged BQM-34A	1975
19760080225	Operational Test 2 (OT 2) of air traffic control tower facility AN/TSW-7A	1975
19760080226	Tri-service configuration management	1975
19760080227	A management information system for flying personnel	1975
19760080228	An analysis of problems in R and D transitioning	1975
19760080229	Flying skill retention and proficiency flying	1975
19760080230	Densities near 160 km obtained from orbital analysis of satellite 1973-14A	1975
19760080231	Tracking test techniques for handling qualities evaluation	1975
19760080232	Initial prototype evaluation of expandable carcass-replaceable tread tire for C-130 aircraft	1975
19760080233	Solar Observing Optical Network (SOON)	1975
19760080234	CH-47 modernization program operating cost model	1975
19760080235	Ground speed measurement	1975
19760080236	Patterns of the electrochemical reduction of oxygen chemisorbed on a platinum electrode in alkaline solution	1975
19760080237	Equilibrium potential of an oxygen electrode and mechanism of cathode reduction of oxygen on platinum	1975
19760080238	Specific characteristics of the high-temperature decomposition of ammonium perchlorate and ammonium perchlorate based heterogeneous systems	1975
19760080239	Data on parachutes	1975
19760080240	Static and fluctuating pressures in the weapons bay of a 1/15-scale F-111F model at transonic speeds	1975
19760080241	Long range planning and forecasting	1975
19760080242	Aircraft shelter door conceptual study 71 foot shelter	1975
19760080243	Navy technical evaluation of A-4M ECP-1120 airplane, omnibus ECP changes	1975
19760080244	ARPA program report, Arctic surface effect vehicle program	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080245	Demonstration of an approach to evaluate cockpit/aircrew anthropometric compatibility: Advanced harrier AV-16A analysis	1975
19760080246	Simulation study for VTOL visual landing aids development	1975
19760080247	Airborne laser remote sensor for oil detection and classification. Engineering requirements and technical considerations relevant to a performance specification	1975
19760080250	Particle size measurement of components of pyrotechnic delay compositions	1975
19760080251	DOD pyrotechnic investigations FY 1975	1975
19760080252	Multifrequency arrays, design and cost considerations	1975
19760080253	Technical evaluation of transponder set AN/UPX-28(V)	1975
19760080254	Self-sealing fuel tank preactivated sealant program	1975
19760080256	Nonoscillating types of asynchronous pulse-code modulation systems	1975
19760080257	Development investigation of Teledyne strapdown gyro	1975
19760080264	Compliant bearing gyro high-G and temperature evaluation	1975
19760080265	Evaluation of Hopkins filter F-11955 and comparison to the F-1776-100-S2 filter	1975
19760080266	Bulk complementary metal-oxide-semiconductor technology	1975
19760080269	Aviation facilities ships helicopter facility resume	1975
19760080270	Computer modelling of interior ballistics	1975
19760080271	Aerodynamic heating of ordnance projectiles	1975
19760080272	Vigorous ignition of granulated propellant beds by blast impact	1975
19760080276	Fabrication and failure analysis of XM-70 fuse timer integrated circuit	1975
19760080278	Sound propagation and attenuation in an acoustically lined tube with liquid flow	1975
19760080279	C-5 IDNE software change MOD 26/25	1975
19760080280	TAV-8A power plant analysis	1975
19760080283	Matrix interconnection system for aircraft wiring	1975
19760080286	Partial spectrum signature on the AN/SPN-44 radar set	1975
19760080288	Development test 2 (service phase) of air traffic control central AN/TSW-7A	1975
19760080290	ARPA-101 calibration satellite	1975
19760080293	Measurements of payload temperature on-board the XM687 155mm binary projectile	1975
19760080294	Separated base flow studies	1975
19760080295	Strategic reentry technology program (STREET A4). Volume 4, part 1: Task 4.1.4, simplified shape change shape behavior of nosetips	1975
19760080296	Low-speed aerodynamics technology	1975
19760080297	Aerodynamic characteristics of several 0.2-scale models of the independently maneuvering submunition at Mach numbers from 0.3 through 1.2	1975
19760080298	Tests of 0.0216-scale MX missiles adjacent to a generalized carrier aircraft to determine aerodynamic interference effects	1975
19760080308	Space programs	1975
19760080309	Space programs	1975
19760080312	Maritime aerosol effects on high-energy laser propagation	1975
19760080313	On the numerical evaluation of the ordinary Bessel function of the second kind	1975
19760080314	Speech coding simulations on a small general purpose computer	1975
19760080318	Linebacker ground based radar basin design considerations	1975
19760080319	Carbon-Carbon Nosetip Program (CCNP)	1975
19760080320	Vulnerability related problems of aircraft batteries	1975
19760080321	Relationship of noise power ratio to subcarrier discriminator output signal-to-noise ratio (analysis of test results)	1975
19760080323	Periodicity of properties of pyrolytic carbon fibers	1975
19760080324	Study of the adhesiveness of an epoxy polymer to carbon, glass and steel fibers	1975
19760080325	Considerations of passive radiometers for guidance of fire-and-forget missiles from the viewpoint of signal-to-noise ratio	1975
19760080326	Space Programs	1975
19760080327	SODETEG model M5-F3885 FM telemetry transmitter spectrum utilization characteristics	1975
19760080328	High rate, rechargeable, silver-zinc pile type battery	1975
19760080329	Evaluation of a copper halide battery for use in the SSQ 517A sonobuoy	1975
19760080330	Investigation of the structure of platinumized platinum	1975
19760080331	Quantitative estimation of the brittleness of carbon fibers	1975
19760080332	Observations on the thermic processing of rotors in vertical and horizontal position	1975
19760080333	Heat resistant fibers and their use for producing composite materials	1975
19760080334	Choice of a model for a medium deformed in conditions of hot treatment of metal under pressure	1975
19760080335	Effect of refractory compounds on the structure and properties of sintered titanium	1975
19760080336	Modern structural materials in aviation	1975
19760080337	Properties of boron fibers and boron-aluminum composites in uniaxial compression	1975
19760080338	Plating solution recollection system	1975
19760080339	Rubber	1975
19760080340	Navy communications	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080341	TAV-8A landing gear and associated subsystems analysis	1975
19760080343	Electro-optical mast. Volume 1: Final report on a low-light-level television system, October 1972 - October 1974	1975
19760080345	Low scatter mirrors for infrared applications	1975
19760080346	A computational model for fragmentation of armor under ballistic impact, phase 1	1975
19760080347	The teleseismic ground motion generated by a nuclear explosion detonated in a tunnel and its effect on the M sub s/m sub b discriminant	1975
19760080348	Evaluation of exhaust emissions and fuel consumption of dual-chamber combustion system	1975
19760080349	Current and projected government and commercial space activities	1975
19760080350	AN/TPX-42 evaluation	1975
19760080351	Service life prediction of smokeless propellant motors	1975
19760080358	Flight safety: A bibliography, January 1968 - December 1974	1975
19760080362	Volume of pulses in relation to the associated envelope curve form and spectrum	1975
19760080363	Development test 2 (arctic phase) of night vision sight, crew served weapons, AN/TVS-5	1975
19760080364	Aerosol attenuation of radiation in the 8-13 micrometer atmospheric window	1975
19760080365	Test report ARROW rocket phase 2, series 1 flight test S/N 201	1975
19760080366	Development of booster nozzle and ejection mechanisms for integral rocket/ramjets	1975
19760080367	Ultraviolet initiated CO2 laser research	1975
19760080368	A quick-computing ray-tracing technique with power density computations	1975
19760080369	Fuieric cartridge initiator development	1975
19760080370	Critical materials needs	1975
19760080371	Experiments on wake optical properties	1975
19760080372	Penetration of ballistic nylon body armor material by a right circular cylinder fragment simulator	1975
19760080373	Bullet impact test of LUU-2C/B aircraft flare	1975
19760080374	Unmanned air reconnaissance in the Army	1975
19760080375	Aircraft navigation system verification of the Singer-Kearfott SKN-2400	1975
19760080377	The detection and tracking of stack effluent with a forward looking infrared imaging sensor	1975
19760080378	Test and evaluation of F-14A wing sweep hydraulic swivel wrench set (P/N As1 S63240-1)	1975
19760080379	Test and evaluation of the F-14A pitch parallel actuator torque wrench adapters (P/N 3286000 F110 and 3286000 F111)	1975
19760080380	Flight fidelity improvement program for the TA-4J operational flight trainer device 2 F90	1975
19760080382	Dual power air-cooled CW transmitter tube	1975
19760080383	Pattern synthesis of conformal arrays	1975
19760080384	Developmental test 2 of firing device, demolitions, XM124	1975
19760080385	Index to BRL technical information 1969-1973	1975
19760080386	Product improvement test of T-10 reserve parachute with MA-1 pilot chute	1975
19760080387	Data analysis and accuracy estimation for the Range Accuracy/Correlation Subgroup of the Interface Control Working Group	1975
19760080388	Radar cross section and glint of a BOMARC COM-10B missile with variable gain active augmentation	1975
19760080389	Method for calculating induced rolling moments for cruciform canard missiles at angles of attack up to 20 degrees	1975
19760080390	Intrutek model I-600 gallium-arsenide laser, May 1975	1975
19760080391	Coverage Expansion of the ARPA/ONR Wide Aperture Research Facility 2.55 KM Receiving Array	1975
19760080392	Evaluation of a roll-bonded bimetallic couple for use on Naval combat ships	1975
19760080393	Effects of rocket plume on infrared laser radiation	1975
19760080394	Chemically stable coatings for protection of titanium	1975
19760080395	Results from preliminary tests of instrumented 8-inch projectiles, M422 and M424 (U)	1975
19760080396	Optical sensor research (U)	1975
19760080398	Initial development of A-6E TRAM FLIR operator training requirements (U)	1975
19760080399	Analysis of linear FM-CW millimeter seeker performance at 35 and 94 GHz (U)	1975
19760080400	Analysis of beamrider optical CM susceptibility (U)	1975
19760080401	The inapplicability of contemporary optical scattering theory to dense smoke and other battlefield obscurants (U)	1975
19760080403	Surveillance evaluation of Rocket Motors Mark 38 Mods 2, 3, and 4 and Igniter Mark 265 Mod 0 (U)	1975
19760080404	Aircraft structural fatigue life program (U)	1975
19760080405	Optical techniques for the measurement of ocean surface parameters (U)	1975
19760080406	Multipath model for antiradiation missile analysis (U)	1975
19760080407	Advanced air-ground fighter technology integration study (U)	1975
19760080408	Smokeless propellant development and motor technology demonstration (U)	1975
19760080410	Ballistic missile defense interceptor technology analysis. Volume 2. Effects of boundary layer plasma and motor plume on ATDI guidance communication (U)	1975
19760080411	Radar in AAW systems (U)	1975
19760080412	Manufacturing methods and technology program for universal detector Dewar modules (U)	1975
19760080413	Abstracts of electronic vulnerability documents, volume 1, number 2 (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080414	Experimental results of static force and heat-transfer tests of the Hughes/AFFDL Air Slew missile at Mach numbers from 2.25 to 6.00 (U)	1975
19760080415	Application of integrated circuits-film technology to ASW sonobuoy systems (U)	1975
19760080417	Quarterly compilation of abstracts on completed test, experimental, and development (TED) projects (U)	1975
19760080419	Ablation of large graphite models at angle of attack in hot and cold coaxial jets (U)	1975
19760080421	Guidance and control simulation and ground test verification program (U)	1975
19760080422	The F-100 and A-37 combat damage incident analysis (U)	1975
19760080424	Gamma-neutron dosimeter FH38N and data analyser/evaluator for neutron dosimeter	1975
19760080425	Periscope aircraft submarine optical communications system (PERASOCS) preliminary definition and analysis (U)	1975
19760080427	Force mix and related aircraft systems cost analysis (U)	1975
19760080430	Follow-on captive flight test of imaging infrared guidance units, volume 1 (U)	1975
19760080431	Nuclear models simulation (U)	1975
19760080432	The ATJ-S graphite ablation at angle of attack (U)	1975
19760080434	U2FAP process improvements (U)	1975
19760080435	NIKE HERCULES surface-to-surface project (U)	1975
19760080441	Chaparral COMO 3 simulator (U)	1975
19760080443	Characterization and preliminary design of a large scale, catalytic, hydrazine gas generator (U)	1975
19760080447	Interim ASMT vehicle study (U)	1975
19760080448	Mission comparison study BQM-34A and MQM-74C (U)	1975
19760080451	Crossed-Field Amplifier (CFA) Jammer 2 (U)	1975
19760080452	An inquiry into link 11 and extensions (U)	1975
19760080457	RPAODS program summary report (U)	1975
19760080458	Standard ARM dual thrust rocket motor Mark 27 Mods 4 and 5 preproduction qualification test program (U)	1975
19760080460	Effects of the Seek Tell telemetry package on the aerodynamic characteristics of the AIM-4G missile (U)	1975
19760080461	Blue green laser sources for Naval underwater applications (U)	1975
19760080463	Target-background measurements using pulsed millimeter wave seeker: MICOM test program (U)	1975
19760080464	Ballistic response of titanium armor 6 aluminum - 4 vanadium ELI (U)	1975
19760080465	Effects of aging on TR155 transducer elements in AN/BQS-13, and AN/BQQ-5 active arrays (U)	1975
19760080469	A study of the liquid propellant gun installation requirements for Naval fighter aircraft (U)	1975
19760080474	Air Force technical objective document (U)	1975
19760080475	Integrating sphere measurement of the time-dependent total reflectivity of metals using a high power CO2 laser (U)	1975
19760080476	Laser-supported combustion wave investigations with the Army tri-service laser (U)	1975
19760080477	Performance sensitivity analyses using the MICOM digital air defense simulation (U)	1975
19760080479	Dynamic system mathematical models for ROLAND 2 (U)	1975
19760080480	ANSSR III air-to-ground Yuma tests (U)	1975
19760080483	Kinetic energy projectiles, a design concept (U)	1975
19760080484	Development and testing of the MK3 Mod 0 EOD cutting torch (U)	1975
19760080485	Digitally compensated angle tracking system (U)	1975
19760080486	An electrooptic tactical AAW display for non-NTDS equipped ships (U)	1975
19760080488	Performance of a VFAX derivative of the F-4 aircraft using a close-coupled canard and contormal carriage (U)	1975
19760080490	The 2.75 inch FFAR (Mk-66 motor) air-to-ground Yuma tests (U)	1975
19760080491	Power and performance of MESA chemical laser systems (U)	1975
19760080492	Subsystem design analysis report for lightweight alternator (ac load case) (U)	1975
19760080493	Exercise generation concept improvement. Technical definitions and a development plan (U)	1975
19760080495	Test program on Steerable Null Antenna Processors (SNAPS) (U)	1975
19760080497	Design and fabrication of a radiation intelligence collection system (U)	1975
19760080498	Tracker comparator board sensitivity studies for the DRAGON missile system (U)	1975
19760080499	Navy HPL program (U)	1975
19760080500	OV-10A combat damage incident analysis (U)	1975
19760080514	On Navy report-back integration with SURVSATCOM (U)	1975
19760080515	ALR-62 (U)	1975
19760080519	Spectral identification model (U)	1975
19760080520	Rapid transmitter antenna retuning capability (U)	1975
19760080521	The electromagnetic compatibility of the remotely monitored battlefield sensor system (REMBASS) (U)	1975
19760080525	Precision-guided munitions for surface targets (U)	1975
19760080529	Low-probability-of-intercept radar and Naval applications (U)	1975
19760080530	Ballistic Missile Defense Advanced Technology Center (BMDATC) advanced research center, volume 2 (U)	1975
19760080534	Input for OWEX experiment 1974, summary report (U)	1975
19760080540	FMU-113/B proximity fuze (U)	1975
19760080542	ECM vs digital processing radars (U)	1975
19760080612	Ruthenium oxide catalysts for the oxygen electrode	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080613	Orion-arm magnetic monopoles and gamma-rays	1975
19760080614	The use of mass spectrometry for the identification of metabolites of phenothiazines	1975
19760080615	Gamma ray bursts from flaring red dwarfs	1975
19760080616	Starspots on red dwarfs	1975
19760080617	A comparison of interstellar Na1, Ca2, and K1 absorption	1975
19760080618	On ionization in H1 regions	1975
19760080619	Interferometric scans of interstellar K1 lines	1975
19760080627	Failure detection and isolation methods for redundant gimbaled inertial measurement units	1975
19760080630	Infrared studies of Apollo 15 fines	1975
19760080633	Nevada Automated Diagnostic System (NADS) applications software, volume 1	1975
19760080688	Real-time advanced data processing Parallel Element Processing Ensemble (PEPE)	1975
19760080689	Advanced electron device technology	1975
19760080690	Aerodynamic loads on a 0.04-scale B-1 escape capsule model, including effects of jet plume simulation and the presence of the aircraft fuselage	1975
19760080691	F-111/ARES test support, volume 3. Part 1: Data index (tables 1 and 2)	1975
19760080692	F-111/ARES test support, volume 3. Part 2: Data index (table 3)	1975
19760080693	F-111/ARES test support, volume 3. Part 3: Data index (tables 4 and 5)	1975
19760080694	F-111/ARES test support. Volume 1: Test description	1975
19760080695	Ejector drilling of deep holes in solid parts made of tough steel	1975
19760080696	Development of high reliability RF keyed crossed field amplifier	1975
19760080697	Step-tracking antenna mount system	1975
19760080698	Hybrid microcircuit in-process qualification	1975
19760080699	Presenting the air installation on compatible use zone to the community: A critique	1975
19760080700	Geometric characteristics of supercritical airfoils	1975
19760080701	Performance evaluation of two personnel parachute assemblies used in a modified B-52 downward egress system	1975
19760080702	Dynamic load test of EA-6B forward fuselage self-sealing fuel cell	1975
19760080703	E-14A M61A1 follow-on Navy technical evaluation	1975
19760080704	Experimental investigation of an electromechanical swivel/slipping assembly	1975
19760080705	Offshore discharge of containership 2 post OSDOC 2, test and evaluation of ancillary aspects of container handling	1975
19760080706	Measurements of L-band forward reflection from the sea surface	1975
19760080707	Evaluation tests of the SSN 688 propeller shaft seal system	1975
19760080708	Development of life raft reverse osmosis desalination units	1975
19760080713	Cable line for 110 kilovolt power transmission	1975
19760080714	Laser-plasma interactions in exploding wires	1975
19760080715	Development test 2 (service phase) of viewer, driver's night vision, AN/VVS-2	1975
19760080716	Process for decontaminating developing, clarifying, and fixing baths while recovering the silver	1975
19760080724	Technology development program for large aperture lightweight optical systems. Volume 2: Materials investigation phase	1975
19760080725	Technology development program for large aperture lightweight optical systems. Volume 3: Construction phase	1975
19760080726	Technology development program for large aperture lightweight optical systems. Volume 4: Test phase	1975
19760080727	Magnetic resonance gyro development, photodetector investigation	1975
19760080728	Magnetic resonance gyro development, linear polarizer investigations	1975
19760080729	Magnetic resonance gyro development, emission spectroscopy of lamps	1975
19760080730	Magnetic resonance gyro development, multiple passage techniques investigation	1975
19760080731	Magnetic resonance gyro development, experimental test results on test bed model of magnetic resonance gyro	1975
19760080732	Manufacturing methods and technology: 8 to 14 micron (Hg, Cd, Te) array modules	1975
19760080733	Manufacturing methods and technology: 8 to 14- micron (Hg, Cd) Te array modules	1975
19760080734	Applications of magnetostrictive materials with rare earth additives to underwater transducers and other devices	1975
19760080735	Applications of magnetostrictive materials with rare earth additives to underwater transducers and other devices	1975
19760080736	Theoretical and experimental analysis of plane and cylindrical reinforced plastic structures	1975
19760080737	Properties and use of carbon fibers	1975
19760080738	Fibrous composite materials	1975
19760080739	Test and evaluation of the TTK-242C/A37B Multiple Ejector Rack (MER), Triple Ejector Rack (TER) test set	1975
19760080740	AN/SPN-42 seven foot antenna evaluation	1975
19760080741	Joint test of AWADS employment, phase 2	1975
19760080742	Current Optical Control Seeker (COCS) modification program	1975
19760080743	Fabrication and material evaluation of aluminum components of a warhead inner body shell and mounting support assembly	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080744	Hard point failure in relationship to lethality. Phase 3: Experimental results for composite aluminum AP beams	1975
19760080746	The 3-5 micron inverted heterojunction mosaic array	1975
19760080747	Photocathode study at 1.8 microns	1975
19760080748	The 1.4-micron photocathode	1975
19760080749	NMCSSC on-line interactive system (NIS), functional description	1975
19760080750	NMCSSC H6000 programmers handbook	1975
19760080751	Optimum receiver IF (intermediate frequency) selection	1975
19760080752	Thermal models for laser damage in InSb photovoltaic and photoconductive detectors	1975
19760080753	A detection model for an underwater omnidirectional sensor	1975
19760080754	Sequential range navigation for the NAVSTAR global positioning system	1975
19760080755	Lead tin telluride thin film photodiode detectors	1975
19760080756	The requirement for phototyping an intercontinental ballistic missile	1975
19760080757	Energy effectiveness in peacetime airlift management	1975
19760080758	Thermal flash resistant IR suppression coatings for advanced aircraft systems	1975
19760080759	Models for aided inertial navigation system sensor errors	1975
19760080760	Tri-service Operational Test and Evaluation (OTE) of satellite terminal AN/TSC-86 Detailed Test Plan (DTP)	1975
19760080761	Tri-service operational test and evaluation (OTE) of the phase 2 stage 1C Earth Terminal Complex Sunnyvale, California Test Design Plan (TDP)	1975
19760080762	Optimum Loran grid calibration	1975
19760080763	ESTEL unified teleprocessing system	1975
19760080768	Stochastic modeling as a means of automatic speech recognition	1975
19760080769	Evaluation of 9.6 KB/S transmission over transatlantic AUTOVON/DSCS trunks	1975
19760080770	Solid-State Integrator Shaft Assemblies development program (SSISA)	1975
19760080772	Research and development of imaging CCD area correlation missile guidance system	1975
19760080773	CCD processor for serial scan infrared detector array (CPID) program	1975
19760080774	HF/DF techniques investigation	1975
19760080775	Architecture for tactical switched communication systems. Annex F11: Physical environment	1975
19760080776	Position and Azimuth Determining System (PADS) helicopter study	1975
19760080777	Remote sensor expendable relay (EXRAY) evaluation	1975
19760080778	Helicopter detectability test	1975
19760080779	Control: Relay set, drone, multiple AN/ASW-35 (XN-1)	1975
19760080780	A function modeling technique for estimating computer traffic for a data management system	1975
19760080788	Computer simulation of terrestrial scenes	1975
19760080789	Corrosion control/prevention and cleaning of installed shipboard avionics support equipment	1975
19760080790	Block oriented random access memory test and evaluation	1975
19760080795	Three-terminal semiconductor microwave amplifier	1975
19760080796	Development of filament reinforced composites	1975
19760080797	Exploratory development to obtain thermal and mechanical characterization data on advanced carbon insulation	1975
19760080800	High efficiency power converter, volume 1	1975
19760080806	Target Tracking Control System (TTCS) long range flight test	1975
19760080807	LUU-2C/B aircraft parachute flare group five test report of the safety and environmental phase for the bi-service flare (lot UFD-5-1)	1975
19760080808	Thermal stability studies on selected candidate coating materials for thermally protected warheads	1975
19760080810	Crosstube pressure wave measurements on XM735 ballistic slug round	1975
19760080811	Aerodynamic characteristics of 30MM HS831-L ammunition used in the British 30 MM Rarden gun	1975
19760080814	HELLFIRE, USACDEC, experiment FC 021, volume 1	1975
19760080816	Development of a self-cleaning air cleaner for the AGT-1500 gas turbine	1975
19760080817	Data transmission equipment	1975
19760080818	Information science: Problems and scientific results	1975
19760080819	Studies of an infrared search system for midcourse to terminal handover in a director independent surface to air missile	1975
19760080820	A comparison of the 3-5-micrometer and 8-12-micrometer regions for advanced thermal imaging systems using the LOWTRAN 2 atmospheric transmission model	1975
19760080821	Search and rescue communications, Global Rescue Alarm Net (GRAN)	1975
19760080822	Evaluation of large group display technologies for command and control applications	1975
19760080823	Monitor and evaluation of the CH-46E prototype Doppler/Omega navigation system	1975
19760080831	The effect of environmental exposure on the endurance of bonded joints in Army helicopters	1975
19760080834	SAM-D engineering development summary report, volume 1	1975
19760080835	Fluidic sensors, a survey	1975
19760080837	Liquid propellant gun mixing studies	1975
19760080838	Compatibility of nitrates and nitrate esters	1975
19760080839	Accelerated corrosion of submarine hulls	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080840	FY-74 annual report of the advanced concepts program, section 1	1975
19760080841	Mechanics of R/V rain and dust erosion	1975
19760080842	Data transmission from independent sources in a synchronous communications system	1975
19760080850	Partial spectrum signature on the interrogator set AN/UPX-23	1975
19760080851	State-of-the-art technologies and equipment applicable to the US Marine Corps Data Transmission And Switching (DTAS) system	1975
19760080852	Marquardt A-4 RAT AYC-324 validation	1975
19760080857	Relay test (1971235) on relays, latching, 1 to less than 5 amp hermetically sealed, DPDT	1975
19760080877	B-1 systems approach to training, volume 2: Appendix A: Cost details	1975
19760080878	B-1 systems approach to training. Sorting model for B-1 aircrew training data: User's and programmer's guide	1975
19760080879	B-1 systems approach to training. Training Resources Analytic Model (TRAM): User's manual	1975
19760080880	B-1 systems approach to training. Training Resources Analytic Model (TRAM): Programmers manual	1975
19760080881	B-1 systems approach to training. Task analysis listings	1975
19760080882	B-1 systems approach to training. Control and display catalog and action verb thesaurus	1975
19760080884	Progress with QMIS: Status 1974	1975
19760080885	Effective elastic constants of a composite material with a regular pattern of parallel fibres	1975
19760080886	Field enhanced photo-emission in the infrared and a study of interface states at N. E. A. surfaces	1975
19760080887	Test of organizational and intermediate maintenance level Ground Support Equipment (GSE) peculiar to the S-3A aircraft and its associated systems and equipment	1975
19760080888	Comparative evaluation of a beryllium copper versus aluminum fluidic Laminar Angular Rate Sensor (LARS)	1975
19760080889	Relative navigation by passive ranging in a synchronous time division multiple access data net	1975
19760080890	Resonators with spiral interior conductors for electro-optical rangefinders	1975
19760080891	Illumination and burn time tests for quality assurance of LUU-2A/B and LUU-2C/B flare candles	1975
19760080892	Development test 2 (arctic phase) of night vision sight, individual served weapons, AN/PVS-4	1975
19760080894	Stores interface data collection and analysis. Phase 1: Revised aircraft wiring analysis computer program	1975
19760080895	Deuterated fluids, the effect of deuterium exchange on a synthetic hydrocarbon lubricant	1975
19760080896	Marine Corps fuel transporting and handling system fuel 6 pac	1975
19760080897	Infrared transparent polymeric films	1975
19760080898	Is Stokes' formula correct	1975
19760080899	Management of ambient air monitoring networks	1975
19760080903	F-4 arctic clothing cushion insert	1975
19760080904	Thermal and mechanical properties of carbon-carbon heatshield materials. Volume 2: Evaluation of virgin and degraded properties of Sandia FCC heatshield materials	1975
19760080906	Nuclear radiation tests of EMP hardened CMOS circuits	1975
19760080907	Low-power high-density metal-oxide-semiconductor arrays (phase 1)	1975
19760080908	Failure analysis of the hybrid circuit of the HAWK S and A M100E1	1975
19760080909	A generator simulation for investigating power line harmonics	1975
19760080910	CU-2113(XG-1)/SRC coupler-isolator: Technical evaluation	1975
19760080911	Performance degradation data for a digital modem operating in the presence of interference	1975
19760080912	HF, high power, directional rotary-wing aircraft antenna	1975
19760080913	Hybrid nosetip feasibility study	1975
19760080915	Laboratory shelf life tests of primary reserve magnesium batteries for emissive expendable electronic countermeasure devices	1975
19760080916	Survival device battery evaluation. Volume 1: Emergency rescue radio battery evaluation. Part 1: Lithium organic electrolyte batteries and cells, 1972 manufactured hardware	1975
19760080917	Laboratory tests of lithium-sulfur dioxide batteries for emergency heating system for high altitude flying outfit type AP/22S-6	1975
19760080918	Influence of zinc electrode separation on the self-discharge of nickel-zinc storage batteries	1975
19760080919	Refractories of granular structure from yttrium oxide	1975
19760080920	Sound creep of glass plastic	1975
19760080921	Mineral-filled fibrous composites: A new family of refractory products	1975
19760080922	Applications of composite materials in aeronautics	1975
19760080923	Experimental determination of characteristics of thermoelectric batteries	1975
19760080924	Integrated circuits for Airborne and portable communications	1975
19760080926	Tactical information processing and interpretation system, imagery interpretation segment	1975
19760080928	HELLFIRE, USACDEC experiment FC 021, data package. Volume 2, part 2: Timelines	1975
19760080929	HELLFIRE, USACDEC experiment FC 021, data package. Volume 2, part 1: Control data and data cards	1975
19760080930	Monopropellant hydrazine technology	1975
19760080932	Tactical operations system applications and software experimentation: Tactical road movement planning application	1975
19760080933	Tactical operations system applications and software experimentation: Intelligence analysis application	1975
19760080934	Temporal aspects of global navigation-satellite-system coverage	1975
19760080935	RM-20B sensor program	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080936	Advanced protective materials for reentry missile nosetips. Part 1: Three-dimensional reinforced carbon/plastic composites	1975
19760080938	Infrared detector surface preparation and junction formation	1975
19760080939	Optical matched filtering for missile guidance	1975
19760080940	Statistical analysis for exo-atmospheric interceptor guidance	1975
19760080941	Description of two-axis table method for PERSHING 2 inertial measurement unit gyrocompassing verification	1975
19760080942	Development test 2 (DT 2) (engineering phase) of Tactical Landing System (TLS) with special test equipment	1975
19760080943	FY-73 autodin enhancement program	1975
19760080944	Aerodynamic characteristics of the high altitude supersonic target HAST	1975
19760080945	Compilation and preliminary analysis of sensitivity data for pyrotechnics, phase 1	1975
19760080946	Replacement current calculational techniques with system applications	1975
19760080948	SEAS XM73 helicopter sight setting methodology	1975
19760080949	Introduction to microscopic theory of ferroelectrics	1975
19760080950	Umpire equipment and firing simulators; design, operation, and possibilities for application	1975
19760080951	Periscopic sight PERI-Z11	1975
19760080952	Aeroballistic range tests of tubular projectiles at Mach numbers from 1.0 to 3.2	1975
19760080953	Piranha wind tunnel test	1975
19760080954	High-temperature internal friction in boron fibers	1975
19760080955	Low-temperature internal friction in boron fibers	1975
19760080956	Mechanical properties of boron fibers	1975
19760080957	Geothermal energy in the pacific region	1975
19760080958	Geothermal energy in the pacific region. Appendix A: Exploration for a geothermal system in the Lualualei Valley, Oahu, Hawaii. Appendix B: Exploration on Adak Island Alaska	1975
19760080959	Multi-bypass ratio propulsion system technology development. Volume 4: MBPR system studies	1975
19760080960	TIGER computer program documentation. Volume 1: Theoretical and mathematical formulations for the TIGER computer program	1975
19760080961	TIGER computer program documentation. Volume 3: The program and flow charts	1975
19760080962	F-15 composite wing. Volume 1: Development and test results	1975
19760080963	F-15 composite wing. Volume 2: Test data	1975
19760080964	MX-9331()/URC regenerative repeater	1975
19760080965	MX-9331()/URC regenerative repeater	1975
19760080966	Experience in computing wave loads on large bodies	1975
19760080967	An interaction between surface water waves and a turbulent boundary layer and wake	1975
19760080969	Three notes on classical orthogonal polynomials	1975
19760080970	Ehrenpreis fundamental principle for non-entire functions	1975
19760080971	Effect of aging on the effectiveness of surface-active additives in the propergol propellants	1975
19760080972	The zinc-manganese dioxide-sulfuric acid battery	1975
19760080974	Spectral spread of reverberation using AFAR	1975
19760080975	Preliminary evaluation of the Enhanced Cobra Fire Control System laser	1975
19760080976	Prototype helium-neon (HeNe) laser signaller sets, September 1975	1975
19760080977	Evaluation of the Infantry Direct Fire Simulator System (IDFSS) laser, August - September 1975	1975
19760080978	Evaluation of the Perkin/Elmer Corporation model KA-98 day/night camera laser, August 1975	1975
19760080979	Sound absorption by optical phonons in molecular crystals	1975
19760080980	Electro-oxidation of methanol on a platinized platinum electrode in the range of medium coverage of the surface with chemisorbed substance	1975
19760080981	Adsorption of hydrogen and oxidation of methanol on smooth and dispersed ruthenium	1975
19760080982	Kinetic patterns of oxygen adsorption on a smooth platinum electrode in alkaline solution	1975
19760080983	The work of the department of silicate chemistry fo the college of chemical engineering at Veszpren	1975
19760080984	Mass exchange in layers of clothing	1975
19760080985	Methodology investigation: Microbial testing of missiles	1975
19760080987	On the action of local topographic effects in deflection predictions along profiles	1975
19760080988	Method of transforming topographic surfaces in the preparation of profiles	1975
19760080989	Crosslinking systems for aromatic heterocyclic polymers	1975
19760080990	PEM for automation of production for multialkali photocathode processing	1975
19760080991	Synthesis of perfluoroaliphatic ethers monomers	1975
19760080992	Temperature stable electroacoustic materials	1975
19760080993	Fluorine generator solid ingredient development	1975
19760080994	Finite element method for analytical description of the topographic surface	1975
19760080995	RAT SCAT measurements of the F-15 BOMARC radar augmentation systems	1975
19760080996	Preliminary analysis of a long wavelength laser beamrider system	1975
19760080999	Advanced phased array transmitter	1975
19760081000	Guidelines for employment of radar set AN/PPS-15	1975
19760081001	Reliability engineering test report for C-4453/APQ-100 and C-6410/APQ-109 radar indicator control units	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081002	Development and fabrication of high resolution pyroelectric vidicons	1975
19760081003	Mach reflection effects at high overpressures	1975
19760081005	Study of laser radar/optical aids to detection and ranging systems OADARS. Section 6: Interceptor study	1975
19760081006	Air-to-ground guidance sensitivity study	1975
19760081007	Optical and infrared radiation from nuclear bursts	1975
19760081008	Reliability test report on one recognition set AN/ASX-2	1975
19760081009	Design guidelines for the treatment of penetrations entering communication facilities	1975
19760081010	Endoatmospheric critique of the optical signatures code	1975
19760081011	Application of pattern matching to linear predictive coding of speech at 1200 BPS	1975
19760081012	Technical evaluation of the fleet satellite communications narrowband secure voice subsystem	1975
19760081013	Air-to-air arm (BRAZO) demonstration Project. Volume 1. Executive summary	1975
19760081015	Navy communications	1975
19760081016	Oceanographic measurement system test at Santa Cruz Acoustic Range Facility (SCARF)	1975
19760081017	ACLS certification trials of USS John F. Kennedy	1975
19760081018	Laser radar cross section analyses	1975
19760081019	K sub A-band, low-sidelobe performance evaluation of a bell-jar shaped, composite material radome	1975
19760081021	General Electric input to the Army optical station interface document for the ground-based measurements system	1975
19760081022	Investigation of thin film silicon process for radiation hardened MIS integrated circuits	1975
19760081023	ASR special evaluation report AN/MPN-13A evaluation and siting, March AFB, California	1975
19760081024	Analysis and design optimization of a permanent magnet second environment sensor for the safing and arming mechanism of the XM-712 Cannon Launched Guided Projectile (CLGP)	1975
19760081025	Report of feasibility studies on castable pyrotechnic compositions, colored smokes, colored smoke and flame	1975
19760081026	Shock wave sensor development program completion of the advanced development effort on the shock wave sensor for cannon launched guided projectile	1975
19760081027	Study of dynamic characteristics of composite materials	1975
19760081030	Features of the disintegration of droplets of a viscous liquid in shock waves	1975
19760081031	Software support to the Naval Research Laboratory laser field experiments	1975
19760081033	Comparison of bandwidth and gain of various types of video preamplifiers presently in use in the catapult surveillance system	1975
19760081035	Aerodynamic and aircraft separation characteristics of the Electro-Optical Guided Bomb 2 (EOGR-2)	1975
19760081036	Collective protection equipment for vans, vehicles and shelters	1975
19760081037	Boss design validation	1975
19760081038	Auroral chemistry and energy deposition calculations with the OPTAUR code, HAES Report no. 12	1975
19760081039	Production of nitrogen oxides by low-altitude nuclear explosions	1975
19760081042	Artificial icing tests Lockheed advanced ice protection system	1975
19760081043	Fatigue failure studies at critical points of a structure with a complex geometry	1975
19760081045	External Baggage Container (EBC)	1975
19760081046	Feasibility demonstration of applying acousto-optical nondestructive inspection to Naval aircraft systems	1975
19760081047	AQM-34H ground launch IOT and E	1975
19760081048	Army aircraft structural plastic materials testing and data compilation. Part 2: Characterization signatures of commercial prepregs for composite aerostructures	1975
19760081050	ACLS certification of the USS NIMITZ (CVN 68)	1975
19760081051	Flight test temperature evaluation of the A-7 airplane PC-2 hydraulic system	1975
19760081052	HH-3F helicopter TOW capability development	1975
19760081053	Evaluation of random letter landing gear indicators in the A-6 aircraft	1975
19760081054	F-14A airplane automatic carrier landing system technical evaluation	1975
19760081055	AV-8A head up display modification specification	1975
19760081056	Qualification test of H-1 type helicopter drive system components at 1400 SHP	1975
19760081057	Procurement specification for AV-8A (post mod 800 block) Autopilot Set (AS)	1975
19760081058	Manufacturing methods for thermal expansion molding of advanced composites aircraft structure	1975
19760081059	Feasibility evaluation of positron annihilation techniques to detect void defects and residual stress in aircraft structural components	1975
19760081060	Advanced metallic air vehicle structure program	1975
19760081061	Wideband instrumentation recorder/reproducer	1975
19760081062	Design study for WASS landing monitor system	1975
19760081067	B-52D/LG MK84 flight flutter test program	1975
19760081069	On the dependence of geographic coordinates upon polar wandering and upon variations in the velocity of the earth's rotation	1975
19760081070	Lagrangian perturbation equations relative to noninertial reference systems	1975
19760081071	Brittle materials design, high temperature gas turbine	1975
19760081075	Integrated missile electronics set technology survey and evaluation	1975
19760081076	Tactical Intrusion Detector (TID)	1975
19760081077	EMC assessment of VEGA Target Control System (VTCS)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081078	Semiannual Edgewood Arsenal Technical Conference (7th)	1975
19760081079	A study of polycrystalline halides for high power laser applications	1975
19760081080	Linear detector array	1975
19760081081	Long life high capacity Vuilleumier refrigerator for space applications	1975
19760081082	Fluoride window materials for use as laser windows in the 2 to 6 micrometer spectral region	1975
19760081083	Preflight analysis for SAM-D proof-of-principle flight number five (mission number eight) (U)	1975
19760081084	Preflight analysis for SAM-D proof-of-principle flight number six (mission number 7) (U)	1975
19760081085	Preflight analysis for SAM-D proof-of-principle flight number seven (mission number 5) (U)	1975
19760081088	Performance predictions for the SAM-D proof-of-principle test series (U)	1975
19760081089	Large high-energy laser mirror development, volume 1 (U)	1975
19760081090	Large high-energy laser mirror development, volume 2 (U)	1975
19760081091	Large high-energy laser mirror development, volume 3 (U)	1975
19760081092	The 2.75 inch FFAR Mk-40 motor, air-to-ground Yuma tests (U)	1975
19760081093	Laser guidance applications study for air-to-air missiles. Volume 1: Introduction and summary (U)	1975
19760081094	Laser guidance applications study for air-to-air missiles. Volume 2: Laser parametrics, missile system designs and performance (U)	1975
19760081102	System for Interactive Display, Analysis and Design of Scenarios (SIDADS) (U)	1975
19760081109	Asymptotic-distribution test of two-dimensional spectra of acoustic-field data (U)	1975
19760081110	Analysis of variance of two-dimensional spectra of acoustic-field data (U)	1975
19760081115	Compatibility Analysis for advanced digital signal processor and systems technology radar (U)	1975
19760081119	Operational concept for the advanced forward air controller aircraft FAC-X (U)	1975
19760081120	Frequency modulated-continuous wave-distance measuring equipment captive flight test program (U)	1975
19760081124	Engineering design for ADDS. Volume 1: Technical, part A (U)	1975
19760081125	Engineering design for ADDS. Volume 1: Technical, part B (U)	1975
19760081126	Engineering design for ADDS. Volume 3: Appendixes (U)	1975
19760081128	Angler field test report on optical augmentation measurements (U)	1975
19760081129	All weather mobile target guidance system (AWMTGS) (U)	1975
19760081132	Critical technology requirements and analyses (U)	1975
19760081133	The 3D IAEA benchmark problem: The 2nd order FEM calculation	1975
19760081134	Quarterly progress notes, 1 January - 31 March 1975	1975
19760081136	NES/Euratom Restricted Meeting of Specialists on Shielding Benchmark experiments	1975
19760081137	Study of the high temperature corrosion of iron-nickel-chromium alloys by ion analysis	1975
19760081138	Proposed data structure for the 15-foot bubble chamber/EMI system	1975
19760081139	Energy determination of some Na and Al neutron resonances	1975
19760081140	ASTARTE 2 calculations to determine the effect of a crushable material on roof impact landings	1975
19760081142	Sandia solidification process	1975
19760081144	Multicontact electrical connector catalog	1975
19760081146	The 3D IAEA benchmark problem: The 3rd order FEM calculation	1975
19760081148	FORTRAN programs for the determination of aerodynamic derivatives from transient longitudinal or lateral responses of aircraft	1975
19760081149	Robot computer program solving system	1975
19760081152	Design of energy-storage transformers for two-winding voltage-step-up/current-step-up converters	1975
19760081153	Discontinuities in radiative transfer analysis using quadrature formulae	1975
19760081154	Mobilities of some positive and negative hydrogen ions in He and H ₂	1975
19760081155	Design of air-gapped iron-core inductors for superimposed direct and alternating currents	1975
19760081159	Note on high latitude truncation errors of box-type primitive equations models	1975
19760081184	A method of compounding stress intensity factors for complex configurations	1975
19760081185	Two-stage spontaneous ignition of n-heptane in air using a flow reactor	1975
19760081241	Some computational studies of nonlinear plasma waves	1975
19760081250	Energy requirements of a biosphere	1975
19760081252	Ballistic range experiments on superbooms generated by refraction	1975
19760081256	Energy-balance constraints affecting the design of energy-storage DC-to-DC converters	1975
19760081258	Plasma wave experimentation using the space shuttle	1975
19760081259	Atom-molecule and molecule-molecule potentials and transport collision integrals for high-temperature air species	1975
19760081260	The c-12/c-13 ratio in TX Psc, Y CVn, and WZ Cas	1975
19760081264	Generalized coherent states and optical communications	1975
19760081266	Simulation of two-dimensional turbulence in inviscid fluids or guiding center plasmas	1975
19760081267	Wavelength distributions in guiding-center electrostatic turbulence	1975
19760081269	Dynamics of spin stabilized spacecraft during deployment of telescoping appendages	1975
19760081271	Multi-bypass ratio propulsion system technology development. Volume 1: One and one-half inch span fan test	1975
19760081272	Multi-bypass ratio propulsion system technology development. Volume 2: Twelve inch span fan test	1975
19760081273	Multi-bypass ratio propulsion system technology development. Volume 3: Fan structural studies	1975
19760081274	An updated summary of aeronautical systems target models for vulnerability analysis	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081276	Check test of joint-services interior intrusion detection system J-SIIDS	1975
19760081277	Flight demonstration of the XQM-98A remotely piloted vehicle	1975
19760081278	Research and development supporting US national security: A declining process	1975
19760081279	An analysis of the priority of certain national objectives during the twentieth century	1975
19760081281	Evaluation of Clark mast	1975
19760081282	Advanced inertial technologies, volume 3	1975
19760081283	AN/TPS-59 XN-1	1975
19760081284	Millimeter-wave system EMC study	1975
19760081287	Silicone-base fire-resistant hydraulic fluid for potential use in armored surface vehicle hydraulic systems	1975
19760081288	Qualification testing of aircraft power cables manufactured by Federal Prisons Industries Incorporated	1975
19760081289	Pseudocolor for SIRED	1975
19760081290	Functions for sound refraction corrections, part 1	1975
19760081292	Laser Obstacle/Terrain Avoidance Warning System (LOTAWS), April 1975	1975
19760081293	Development of a new calorimetric model configuration for use in a hyperballistic range	1975
19760081294	Effects of laser-generated thermal transients on air blast transducers	1975
19760081295	Rotor blade vulnerability data storage and retrieval system	1975
19760081296	Null-steering feasibility demonstration	1975
19760081298	C-5 IMU alignment abort criteria	1975
19760081300	Transient response analysis of coupled elastic rods with applications to projectile dynamics	1975
19760081302	Human factors engineering policy and procedures for test and evaluation of Navy systems	1975
19760081303	Performance measurement and prediction in air-to-ground target acquisition	1975
19760081305	Active subarray S-band modules	1975
19760081307	Further studies of the critical nature of cracks in solid propellant grains	1975
19760081308	Program for analysis and exploratory development of a fluidic approach power compensator for NAVAIRSYSCOM	1975
19760081309	Check test of joint service Interior Intrusion Detection System (J-SIIDS)	1975
19760081310	Static stability and pressure distribution tests of a slender cone model with symmetric and asymmetric nosetips at Mach number 6	1975
19760081311	Weight and center-of-gravity analysis for LANCE-AK M238 components	1975
19760081312	Evaluation of the J52-P-8B engine (J52-P-8 engine incorporating power plant change 185A)	1975
19760081313	Data Transmission and Switching (DTAS) system and Marine Integrated Fire and Air Support System (MIFASS) processor requirements	1975
19760081314	Automatic detection and enhancement of speech signals	1975
19760081315	Subsystem test methodology for the AFWL direct drive laboratory	1975
19760081316	Supplementary test results, baseline terminal defense program	1975
19760081318	Advanced component and architecture technology study	1975
19760081321	Development assist for the NEACDS (Naval Emergency Air Cargo Delivery System)	1975
19760081322	Poseidon missile system Linear Error Analysis Program (U)	1975
19760081323	Study of BISS imaging communications signal processing subsystems	1975
19760081324	Carbon nose-tip materials technology. Volume 1: Microstructure and fracture of carbon materials	1975
19760081325	Infrared laser window materials property data for ZN Se, KCl, NaCl, CaF2, SrF2, RaF2	1975
19760081326	Development and evaluation of an oil containment barrier sequential aerial delivery system	1975
19760081327	Laser digest: Summer 1975	1975
19760081328	Fracture strength of helically wound FW cylinders. 3: Burst strength under internal pressure	1975
19760081329	Flight materials and avionics in the USSR	1975
19760081330	RRS Challenger cruise 14/74 (legs 1 and 2), 29 August -21 September 1974. Geological investigations on the continental shelf to the west and north of Scotland	1975
19760081332	The interaction of wind waves and internal waves experimental measurements, amendments	1975
19760081333	The interaction of wind waves and internal waves experimental measurements	1975
19760081334	Low-loss spinel delay line	1975
19760081335	Two quartz resonator methods for investigating the complex shear modulus of polymers	1975
19760081336	A methodology for determining on-line system transaction capacity	1975
19760081341	Prototype piezoelectric ceramic voltage step-up transformer. Volume 1: Packaged piezoelectric transformer	1975
19760081342	Prototype piezoelectric ceramic voltage step-up transformer. Volume 2: Breadboard piezoelectric power supply investigation	1975
19760081347	SCADAP, a scanner data analysis program for use with the Ballistic Research Laboratories infrared camera	1975
19760081348	Initial production test cable assembly, special purpose electrical CX-112301()/G with cable reel RC-453()/G	1975
19760081349	Evaluation and improvement of the CW performance of the ALECS facility, volume 2. Technical data, part 1	1975
19760081350	Surface coating by means of thermal spraying	1975
19760081351	MTU vibration summary	1975
19760081352	A comparison of air-over-ground transport calculations using different cross sections	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081353	A proposed laser vulnerability: Wargaming interface	1975
19760081354	An assessment of special melting processes for high-purity metals	1975
19760081355	Polymers structures and properties. Part 4: Thermally stable polymers	1975
19760081356	Complex modulus of elasticity of hydrophone array hose	1975
19760081357	Evaluation of Coast Guard oil-water separator and monitor systems	1975
19760081358	Some mechanical properties Kevlar and other heat resistant, nonflammable fibers, yarns and fabrics, part 3	1975
19760081359	Multidirectional reinforced carbon-carbon composites for re-entry vehicle applications Part 2: Development of 7-D and high-axial 3-D reinforced composites	1975
19760081361	Further investigation of the effects of wall ablation on the flow of iron plasma in straight and tapered pipes	1975
19760081363	Development of energy absorbing devices for aerospace applications, including tear-ply webbing	1975
19760081364	Performance testing of the USMC thermal vacuum parachute dryer	1975
19760081365	Evaluation of a polyurethane base coboxy primer	1975
19760081367	Engineering design study of pre-stressed membrane mirror for HEL applications	1975
19760081368	POEM: A fast Monte Carlo code for the calculation of X-ray transtion zone dose and current	1975
19760081369	Development of a brassboard spark plumped dye laser	1975
19760081370	Dual model TWT design studies	1975
19760081371	Indium phosphide gunn devices	1975
19760081372	Evaluation of military specification MIL-L-22851 ashless dispersant aircraft piston engine lubricating oil deposition problems	1975
19760081373	Design improvements for the fixed laser fence sensor	1975
19760081374	Fatigue life prediction of a centrally cracked specimen	1975
19760081375	Reverse osmosis treatment of selected shipboard generated waste streams	1975
19760081376	Stress wave approach to the analysis of internal component shock response	1975
19760081377	Determination of the complex young's modulus of selected polymers using the WLF transformation	1975
19760081378	THIN: A computer program for analyzing the axisymmetric behavior of thin spherical shells	1975
19760081379	THINK: A computer program for analyzing the asymmetric behavior of thick spherical shells	1975
19760081381	Evaluation of selected technology developments in the free world	1975
19760081383	Methodology development for identifying emerging technologies in free world countries	1975
19760081385	Nosetip ablation measurement demonstration model	1975
19760081386	AFML/MBC graphite nosetip ablation test in the AEDC heater test unit (5 MW)	1975
19760081387	Real time dry silver film development using CO2 laser irra	1975
19760081388	Magnetic bubble research	1975
19760081389	First article test report of the recovery relay box-P/N 255E400 for the AQM-34 RPV	1975
19760081390	Response to UDR re. Kelvin precision wirewound resistors	1975
19760081391	Literature survey on the effects of weld repair of alloy titanium	1975
19760081392	Hot spinning elliptical heads of thick plate titanium alloy	1975
19760081393	Contour forming of stiffened panels for advanced high performance ship construction	1975
19760081394	Vulnerability of the JEFF(A) and JEFF(B) Amphibious Assault Landing Craft (AALC) to impact during docking with an LPD/LSD	1975
19760081397	Improved towed array hose feasibility study	1975
19760081398	A new hydraulic transmission	1975
19760081399	Submarine solid waste compactor/encapsulator evaluation	1975
19760081400	Analysis of GTA welds in Ti-6Al-2Nb-1Ta-0.8Mo. Part 2: Auger electron and X-ray analysis	1975
19760081401	Expansion of the program, evaluation of digital terrain model	1975
19760081402	On the effectiveness of various approaches to evaluating the accuracy of measurements	1975
19760081403	Investigation of cage and bearing instability in despun antenna bearings due to changes in lubricant properties	1975
19760081404	High temperature rolling process for high strength materials	1975
19760081405	Automated manufacturing: Analysis of final assembly of selected discrete products	1975
19760081406	Principles of pneumatic automation	1975
19760081407	Status and development trends in forklift production in Bulgaria	1975
19760081408	Void filler ballistic fire protection for aircraft fuel system dry bays	1975
19760081409	Control of pollution at Maxwell AFB: A case study	1975
19760081410	J79-15/-17 turbojet engine accident investigation procedures	1975
19760081412	Ring laser gyro test and evaluation	1975
19760081413	Simulation in undergraduate pilot training: The practical road to specialization	1975
19760081414	Tropical cyclone reconnaissance in the northern western Pacific	1975
19760081415	Energy: Mankind's greatest challenge	1975
19760081416	The systems acquisition process: Recommended changes and improvements	1975
19760081417	The impact of full-mission simulation of the TAC combat crew training system	1975
19760081419	Carbon monoxide gas dynamic laser development	1975
19760081420	The J79 CIP and IROS program review, 8, 9, 10 April 1975	1975
19760081421	Jet Blast Deflector (JBD) operator performance: Analysis and recommendations	1975
19760081422	Procedure for EMC analysis of collocated air traffic control facilities	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081425	Engine container seals, use of adhesive bonding in lieu of vulcanizing for fabrication	1975
19760081427	Computer-aided design of antenna matching transformers	1975
19760081428	Comparison of hydrogen and diesel fuel in a gas turbine combustor	1975
19760081429	An improved gray equation of state for metals	1975
19760081430	Reentry vehicle materials technology (REVMAT) program. Erosion resistant materials	1975
19760081434	Operational evaluation of the T-34C airplane	1975
19760081435	Operating instructions for tone and noise generator systems, models 2 through 6	1975
19760081436	Investigation of field repair welding procedures for 17-4PH stainless steel	1975
19760081437	UHF antenna, RF distribution, and RF signal processing technology form mobile platform communications	1975
19760081438	Flight fidelity evaluation of the A-7E weapons systems trainer, device 2F11	1975
19760081439	State-of-the-art review-sensors	1975
19760081440	Current situations (CURSIT) system	1975
19760081441	Low drain microwave integrated circuit assemblies	1975
19760081444	An application of the Weibull-Gnedenko distribution function for generalizing conditional kill probabilities of single fragment impacts on target components	1975
19760081445	Adaptive bandpass tunable filter (AS-11B-1)	1975
19760081446	B-52 CCV program summary, volume 1	1975
19760081448	Joint initial operational test and evaluation/development check test of C-141 container delivery system	1975
19760081449	Low profile cargo nets	1975
19760081450	Structural studies on wraparound folding wings	1975
19760081452	Chemical laser systems	1975
19760081453	Central security control processor and display	1975
19760081456	Development of a double-base propellant rocket for the M127 A1 Hand - held ground signal	1975
19760081457	Test and evaluation of the universal engine trim tester	1975
19760081458	EMC of Air Combat Maneuvering Instrumentation AGMI system at the Nellis Range	1975
19760081459	Evaluation of personnel and training requirements for the EC-130 G/Q TACAMO 5 MMF mobile maintenance facility	1975
19760081460	Test and evaluation of the RH-53D AFCS line test set (P/N 65700-90315-041)	1975
19760081461	Test and evaluation of the nitrogen pressurizer (P/N BD37-101)	1975
19760081462	Test and evaluation of the BITE Reset Tool (P/N RT-22)	1975
19760081463	Test and evaluation of the F-14A T-Handle Hex Key	1975
19760081464	Development and evaluation of a turbine vane position control for the Lycoming AGT 1500 engine	1975
19760081465	Effect of the addition of metals and metal borides on the burning rates of mixture systems	1975
19760081466	Solid propellant binder	1975
19760081467	T400-CP-400 engine salt spray corrosion test	1975
19760081468	Universal fuel injection system	1975
19760081471	User oriented fast orbit prediction program	1975
19760081472	Codeposited PG/SiC and PG nozzle liners for advanced ICBM systems	1975
19760081476	F-4 beryllium rudders: A precis of the design, fabrication, ground and flight test demonstrations	1975
19760081477	Wind tunnel test report, Big Crow modification, low-speed aerodynamic/stability characteristics	1975
19760081478	Big Crow flight test	1975
19760081479	Test and evaluation of the prototype model semiautomated tire inflator	1975
19760081480	Inspection of A-4M ECP-1120 omnibus improvement trial kit installation	1975
19760081481	Feasibility study of pod installation for the AN/ALQ-140 and AN/ALT-39	1975
19760081482	EA-6B airplane Automatic Carrier Landing System (ACLS) performance tests	1975
19760081483	Definition study for an advanced fighter digital flight control system	1975
19760081484	Reduction of Army helicopter fuel tank vulnerability to 23mm HEI-T projectile	1975
19760081486	Close-in transmission-line electromagnetic coupling with user manual for program TWODIM	1975
19760081488	Systematic design of modular estimators for aircraft navigation	1975
19760081489	Techniques for data reduction and digital simulation	1975
19760081490	Two-axis angular rate and acceleration multisensor test	1975
19760081491	Guidelines for telescope cost versus utility standards	1975
19760081492	Ballistic missile cost model and computer program user's manual	1975
19760081495	Flat plate display	1975
19760081499	Evaluation and improvement of the CW performance of the ALECS facility. Volume 1: Technical discussion	1975
19760081500	Manufacturing methods and technology for bubble memory storage element fabrication for computers	1975
19760081501	Feasibility study of strapdown height sensor	1975
19760081502	Terrain-following using stereo television, a simulation experiment	1975
19760081503	Effect of missile launch blast on acoustic and radar height sensors	1975
19760081504	On the sequential probability ratio test in friend identification systems	1975
19760081505	Technical evaluation of the developmental model DAIR/BRITE display	1975
19760081506	Final report 2175 modular radar project	1975
19760081507	Navy feasibility evaluation of the AN/ARN-99(V)2 OMEGA navigation system in a tactical airplane	1975
19760081509	Fluidic thermal controls program for AFFDL	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081510	Design criteria for prevention of fires from API impacts in voids adjacent to helicopter fuel tanks	1975
19760081512	Materials variables affecting the impact resistance of graphite and boron composites, 2	1975
19760081513	Satellite hardening techniques: Evaluation and test definition	1975
19760081515	Development of a process for producing the high energy missile fuel, tetra-hydro-norbornadiene dimer	1975
19760081516	Altitude qualification test of the aerogel SVM-6 solid propellant rocket motor	1975
19760081518	Military construction: The environmental assessment	1975
19760081519	ICBM overtest technology. Motor overtest (task 4) and posttest examination (task 5)	1975
19760081523	Investigation of helmet dynamics	1975
19760081524	Study of cross-banded system operation utilizing the L-band uplink for both PRP and rotational countdown	1975
19760081525	A computer program for elastic and thermal analysis of shaft bearing systems	1975
19760081526	Deliberate aircraft antenna theoretical analysis. Volume 1: Analysis summary	1975
19760081527	A proposal for a unique solution to energy problem from aerospace technology for private vehicles (USTEP FAST)	1975
19760081528	Thermal, electrical, and physical measurements of laser window materials	1975
19760081529	Development test 2 (engineering phase) of G-11A vent control system for Division Ready Force (DRF) vehicle and supply loads	1975
19760081530	Category 2 evaluation of the A/S32P-4 fire truck	1975
19760081537	PVM-4 and PVM-3 weather documentation, AFCRL/Minuteman report no. 2	1975
19760081539	Initial production test of generator set, 3-KW, 400-HZ, GED, contract DSA-400-73-C-8546	1975
19760081540	Sonic fatigue design guide for military aircraft	1975
19760081543	PbSn Te thin film detectors	1975
19760081544	Compass preview design study. Volume 2: Specifications	1975
19760081545	Effects of mass transfer on Frustum boundary layer transition	1975
19760081546	Parallax measurement using an image matched filter correlator	1975
19760081547	InSb MOS detector	1975
19760081548	Machine casting of ferrous alloys	1975
19760081549	Low infrared reflectance paint coatings	1975
19760081550	Composite-surface treatment of the doppler spectrum of the microwave backscatter from the ocean surface at small depression angles	1975
19760081552	VECTOR model T-105L fm telemetry transmitter spectrum utilization characteristics	1975
19760081553	Environmental support for electro optics systems	1975
19760081554	Pyrotechnic transportation railcar simulator tests	1975
19760081557	C-band solid-state power amplifier	1975
19760081558	Lineal input system	1975
19760081559	Test and evaluation of the kreonite krematic CP20-EK3-1 color processor	1975
19760081560	Stable anodes for matrix type cells	1975
19760081561	The gift code user manual. Volume 1: Introduction and input requirements	1975
19760081562	Determination of astronomical refraction near the horizon at various times of the year	1975
19760081563	Further model wind tunnel tests of a reverse velocity rotor system	1975
19760081564	Reduction of scintillation data from space objects	1975
19760081565	LSI linear predictive encoder study	1975
19760081577	HCL measurements study	1975
19760081578	Unmanned spacecraft cost model	1975
19760081579	Surveillance of Navy held LR58-RM-4 Bullpup engines	1975
19760081580	Evaluation of heat pipe cooled helicopter engine and gearbox bearings under oil-starved conditions	1975
19760081581	Materials and strength of gas turbine components	1975
19760081582	Nozzle tests of silicone elastomer ablatives	1975
19760081583	Advanced Diagnostic Engine Monitoring System (ADEMS). Design, fabrication, flight test, and evaluation of ADEMS	1975
19760081584	Results of a 0.15-scale F-16 inlet performance test at subsonic and supersonic Mach numbers	1975
19760081585	RM-20A program	1975
19760081586	T400-WV-402 engine starting and environmental qualification test	1975
19760081587	SENRAD brassboard development status (U)	1975
19760081589	HELORADE data analysis (U)	1975
19760081590	Data distribution for tactical data systems (U)	1975
19760081592	Simulation model of the AN/TSQ-73 computer system (an Application Program/Operating System/Hardware Interface (APOSHI) model), volume 2 (U)	1975
19760081595	Analysis addendum to final report of captive flight test programs for imaging IR guidance units, volume 1 (U)	1975
19760081596	Development of advanced phased array missile seeker technology (U)	1975
19760081599	Narrow band multispectral photography of military targets and backgrounds (U)	1975
19760081600	Sled test of the Aimable Cylindric Warhead (ACW) (U)	1975
19760081601	ARROW air-to-ground Yuma tests (U)	1975
19760081602	A study of microemulsion aerosols as laser radiation absorbers (U)	1975
19760081603	Vulnerability study MID-IR designator task (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081604	Transparent-electrode Schottky barrier detector array (U)	1975
19760081605	An evaluation of split-beam processing techniques (U)	1975
19760081607	ARROW ground-to-ground MICOM tests (U)	1975
19760081608	Variable area turbine development (U)	1975
19760081609	Development, test and evaluation of the YAQM-34U remotely piloted vehicle (U)	1975
19760081610	Investigation of non-axisymmetric nozzles installed in tactical aircraft. Volume 2: Mission descriptions (U)	1975
19760081611	Examination of a low cost air to ground weapon (U)	1975
19760081612	Numerical experiments on collapsing wakes in a stratified ocean (U)	1975
19760081614	Night vision sight, infrared, AN/TAS-4() and AN/TAS-5(), and AN/TAS-6() (U)	1975
19760081616	I-band radar cross-section measurements of the T-38 aircraft (U)	1975
19760081617	Manufacturing methods and technology: The 8 to 14-micron (Hg, Cd) Te array modules (U)	1975
19760081618	Integral rocket-ramjet component evaluation test program. Part 2: Altitude freejet tests (U)	1975
19760081620	Teledyne CAE 555 Advanced Turbine Engine Gas Generator (ATEGG) (U)	1975
19760081621	Impact of NAVSTAR GPS on ship and submarine inertial systems (U)	1975
19760081622	Annual report of the advisory group on electron devices for 1975 (U)	1975
19760081623	Seas air-to-ground Yuma tests (U)	1975
19760081624	Time jitter in delayed local oscillator systems (U)	1975
19760081626	Advanced Turbine Engine Gas Generator (ATEGG) materials research and development report (U)	1975
19760081627	Transparent plastics (U)	1975
19760081630	Vulnerability analysis of A-7D aircraft to impacting 23-mm HEIT and 57-mm HE projectiles, SA-7 missile warhead, and a proximity-fuzed surface-to-air missile (U)	1975
19760081633	Parameters estimation from photometric data, volume 1 (U)	1975
19760081642	Ballistics range cross-polarization studies (U)	1975
19760081643	NAVSTAR global positioning system special studies and engineering program, volume 4 (U)	1975
19760081646	Evaluation of Conus RSS intercept data (U)	1975
19760081647	Gray Rock measurements (U)	1975
19760081651	Offense only fighter study (U)	1975
19760081652	Analysis of AV-8A survivability to radar directed surface-to-air threats (U)	1975
19760081657	Infrared lensless detector system phase 2-C-131 (U)	1975
19760081662	Technical support for the CONUS OTH-B prototype radar system (U)	1975
19760081663	Infrared Helicopter Integrated Defense (HID) system (Dalmo Victor/C-131) (U)	1975
19760081664	Detection evaluation, volume 3. Visible sensor detection (U)	1975
19760081674	Wideband emitter location techniques study (U)	1975
19760081675	MILSATCOM system architecture, executive summary (U)	1975
19760081676	MILSATCOM system architecture, main report (U)	1975
19760081679	Air threats for F-18 airborne weapon system evaluations (U)	1975
19760081683	AIM-9L TECHEVAL/IOT/E (U)	1975
19760081686	Target polarization measurements (U)	1975
19760081695	SLR strike transponder (U)	1975
19760081701	Evaluation of certain aspects of CONDOR performance (U)	1975
19760081705	The effect of degraded central vision on tracking performance (Compass Ghost-H) (U)	1975
19760081706	The effect of retinal lesions on tracking performance (U)	1975
19760081712	Modification of the R-1652 receiver (U)	1975
19760081713	Comparative results on chloride stress corrosion cracking of steam generator materials in cyclic steam environment	1975
19760081714	Mathematical description for the stress-strain behavior of annealed 2 1/4 Cr-1 Mo steel	1975
19760081715	Plasma research	1975
19760081716	Electron microscope studies: Microscope development and biological applications	1975
19760081717	Prospects for nuclear propulsion of aircraft	1975
19760081719	VSOP system: Present worth fuel cycle calculation methods and codes, KPD	1975
19760081720	Benefit-cost analysis methodology and applications for communications satellite systems	1975
19760081723	Development of a thick-walled, self-contained detonating train	1975
19760081724	Accident-resistant container: Impact and explosive testing quarter-scale model no. 4	1975
19760081725	Accident-resistant container: Impact and explosive testing on quarter-scale model 2	1975
19760081726	Evaluation of effectiveness of solvents for solder flux removal	1975
19760081727	Kalman approach to continuously sensor-aided inertial guidance	1975
19760081728	An evaluation of the beryllium threads utilized in the carbon-carbon design program reentry vehicle	1975
19760081730	Vane turbine development for molten-lava/heat extraction experiments	1975
19760081731	Plasma physics and fusion progress report for the period 1 October 1973 - 30 September 1974	1975
19760081733	Formation and repair of gamma ray induced nucleic acid base damage in bacteria and mammalian cells	1975
19760081735	The 2D IAEA benchmark problem	1975
19760081741	RAE user's guide to the TANGO computer graphics system	1975
19760081756	Robot computer problem solving system	1975
19760081769	On the annual motion of the earth's poles of rotation and inertia	1975
19760081790	Energy-balance constraints affecting the design of energy-storage dc-to-dc converters	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081791	Design of energy-storage transformers for two-winding voltage step-up/current step-up converters with constant on-time and constant off-time controllers	1975
19760081793	Ballistic range experiments on the superboom generated at increasing flight Mach numbers	1975
19760081800	Perturbation theories and wave functions for calculation of electronic polarizabilities application to DNA bases	1975
19760081803	Implications of atmospheric AR-40 escape on the interior structure of the moon	1975
19760081804	Nonthermal escape of helium from the moon	1975
19760081805	The performance of an active optical imaging radar in the turbulent atmosphere	1975
19760081806	Implications of the escape of radiogenic gases on the internal structure of the moon	1975
19760081808	Planetary orbital mass spectrometry	1975
19760081818	Contents of eleven trace elements in ureilite achondrites	1975
19760081820	A digital computer simulation and study of a direct-energy-transfer power-conditioning system	1975
19760081822	Diffuse planetary reflection for anisotropic scattering. 1: An algebraic approximation for semi-infinite atmospheres	1975
19760081823	ELF hiss associated with plasma density enhancements in the outer magnetosphere	1975
19760081827	Materials science program	1975
19760081829	The Fokker-Planck approximation to charged-particle transport in an irregular magnetic field	1975
19760081833	Pleistocene glaciation in Ethiopia: New evidence	1975
19760081836	Design of air-gapped magnetic-core inductors for superimposed direct and alternating currents	1975
19760081854	Further observations of BL lacertae	1975
19760081856	Delta-function excitation of whistlers in a cold magnetoplasma	1975
19760081862	Compressible aerodynamics for automated design of complex configurations	1975
19760081863	Thermal alternation experiments on organic matter in recent marine sediment. 1: Pigments	1975
19760081871	Lunar igneous rocks and the nature of the lunar interior	1975
19760081875	The effects of neighborhood quality, income, and racial composition of residents on the value of single family dwelling units in New Orleans	1975
19760081876	Cooling history of Apollo 15 quartz normative basalts determined from cooling rate experiments	1975
19760081887	Aerodynamic data for RAE 9550, a supercritical airfoil	1975
19760081888	Laser beam spread in particle-free rocket exhausts	1975
19760081905	Evaluation and improvement of the CW performance of the ALECS facility, volume 2. Technical data, part 2	1975
19760081908	F-111 advanced research electromagnetic pulse simulator detailed test plan. Volume 2: Phase 1 testing	1975
19760081909	Spectroscopic studies of supersonic heterogenous flows with a combustible condensed phase	1975
19760081910	Operational evaluation of TRANSIM (transit simplified) navigation satellite receiving set	1975
19760081911	Fabrication of special test models	1975
19760081912	Bare base airfield lighting system	1975
19760081913	Nonconsumable melting of titanium	1975
19760081914	Superplastic forming of titanium structures	1975
19760081915	MAC comparative evaluation test order/plan 5-34-75 C-5A AFCS roll rate investigation	1975
19760081916	Life cycle cost/design-to-cost	1975
19760081917	Evaluation of the prototype Pitot-static system water separator installation in A-6 airplanes	1975
19760081918	Prototyping and evaluation of an engine accessory compartment fire extinguisher for model S-2D/E/G airplanes	1975
19760081919	Flight fidelity validation for the TA-4J operational flight trainer (device 2F90)	1975
19760081920	F-14A airplane carrier suitability technical evaluation	1975
19760081921	ASQ-81(V)-2 towed MAD support	1975
19760081922	Filament winding epoxy resins based on resorcinol diglycidyl ether	1975
19760081923	Translation of DSARC milestones into human factors engineering requirements	1975
19760081924	Design and fabrication of a miniature 77 K Vuilleumier cryogenic cooler	1975
19760081926	AV-8A Automatic Flight Control System (AFCS) control laws	1975
19760081927	Landing aids feasibility investigation	1975
19760081928	Low cost boron filament	1975
19760081929	Development of an analytical methodology for assessing technology transfer in the USSR	1975
19760081930	Summary of ARPA investigations of column stabilized floating airfields	1975
19760081931	A theoretical study of damage to thin circular cylindrical shells caused by central internal blast	1975
19760081932	T400-WV-402 engine development	1975
19760081933	Phonemic category experiments	1975
19760081934	Chemical laser pumping technology	1975
19760081935	Water and solid particulate contaminants in Navy shipboard fuel systems. Part 2: PG-84 and PG-92 class ships	1975
19760081936	Evaluation of radio interference field intensity meter NM-25T (modified) and electromagnetic noise meter NM-26T	1975
19760081937	CO2 mixing gas dynamic laser incorporating a screen nozzle	1975
19760081938	Integral measurement of neutron-induced dose in tantalum	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081940	A first order estimate of the worst case current and electric field induced on the advanced airborne command post and VLF trailing wire antenna	1975
19760081941	Laboratory characterization and research on the performance of window materials for high power IR lasers	1975
19760081942	Modifications to the model PS-20 all-fluidic cold gas power source	1975
19760081943	Mirror scatter measurements facility comparison	1975
19760081944	Concept evaluation test of handheld laser rangefinder, AN/GVS-5	1975
19760081945	HAST 2 propulsion system development	1975
19760081946	Research and development on laser gyro inertial navigation techniques	1975
19760081949	Advanced augmentation system	1975
19760081950	SGEMP module test section and pulse line energy store	1975
19760081951	High power CO laser applications study scaling laws for the propagation of loosely focused, truncated Gaussian beams	1975
19760081952	Low smoke insulation for low smoke solid propellants. Part 1: Detailed technical data	1975
19760081954	Laser drilling	1975
19760081955	A general formulation of auto- and cross-correlation functions of an arbitrary statistical potential field in a Cartesian coordinate system	1975
19760081956	Test chamber considerations for the satellite SGEMP/TRE simulator	1975
19760081957	Simple formulas for CW laser burnthrough times when radial heat conduction is significant	1975
19760081958	Mini-laser, a new solid-state laser with low excitation energy	1975
19760081959	Investigations on the effects of precipitation on mm-wave propagation	1975
19760081960	Combustion studies of benzonitrile with nitrous oxide and oxygen	1975
19760081961	Specialized data report: FLAME	1975
19760081962	Environmental sensitivities of parametric Doppler sonar velocity measurement	1975
19760081963	Defense Logistics Studies Information Exchange (DLSIE) operations	1975
19760081967	Initial production test of filter: Separator, liquid fuel, 100 GPM	1975
19760081968	TDU-X ton target flight demonstration	1975
19760081969	The evolution of the advanced attack helicopter	1975
19760081970	Development test 2 (service phase) (DT 2 (SP)) of expedited meteorological data sounding system, AN/UMQ-7(V)	1975
19760081971	Helicopters: Ordinary and unusual	1975
19760081972	Tracks with rubberized metal links	1975
19760081973	Study to determine the optimum quenching angle in medium and high frequency induction hardening	1975
19760081974	An approximated method for the solution of integral equations of dynamic contact problems	1975
19760081975	Incineration of plastic wastes, treatment of waste gas and waste water, and smoke control	1975
19760081976	F-111/ARES detailed test plan. Volume 5: Phase 2 integrated test plan	1975
19760081977	Control configured vehicles ride control system flight test results	1975
19760081979	Examination of water management techniques for immediate application in abating water pollution, Holston Army Ammunition Plant	1975
19760081980	Engineering study of jet airmix fire suppression	1975
19760081981	Manufacturing methods and technology for closed cycle cryogenic coolers	1975
19760081982	Space communications	1975
19760081983	ARC-164 radio in F-4	1975
19760081984	COMSEC controller for multiple radios	1975
19760081986	An examination of the command and control communication of a brigade	1975
19760081987	Predicted TACAN beacon interference background for JTIDS operation within CONUS	1975
19760081988	Direct conversion of energy	1975
19760081989	Materials for electronics based on non-metallic nitrides	1975
19760081990	Compact HF antenna (with propagation studies)	1975
19760081991	The future availability of strategic raw materials and possible North Atlantic Treaty Organization actions	1975
19760081992	An interactive language query system for retrieving alphanumeric data from an Army tactical data system	1975
19760081993	Development test 2 (engineering phase) of Multi-Leg Tanker Mooring System	1975
19760081994	High-resolution absorption measurements of water vapor and CO ₂ at elevated temperatures for plume studies	1975
19760081996	Operational feasibility test of miniature infrared alarm	1975
19760081997	Technical and material support for the AN/FQM-10(V) sonar test set and Naval shipyard transducer repair facility test sites	1975
19760081999	MX-9331 ()/URC regenerative repeater	1975
19760082000	EM tactical communications under intentional interference	1975
19760082001	High purity germanium rad detector	1975
19760082002	Heat-induced structural changes near the welding seam of the maraging steel X3 Ni Co Mo 18 8.5	1975
19760082003	Heat resistance: Heat-resistant titanium alloy ST-4 and some protective coatings	1975
19760082004	Services of equipment following special treatment	1975
19760082005	Preliminary determination of the electrical characteristics of the high field intensity broadband RF test chamber	1975
19760082006	Conference on Microbiological Deterioration of Military Materiel (23d)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082007	Exploratory development of hypersonic heat transfer and thermochemical ablation of advanced materials, nosetip test data evaluation and rough wall transition analysis	1975
19760082008	Shock layer shattering of water drops and ice crystals in reentry flights	1975
19760082010	Determination of effect (cause) of oxide failure of ADAM integrated circuits	1975
19760082011	Ballistic missile defense interceptor analysis. Volume 3: Advanced interceptor technology analysis HIT, dynamic model feasibility study	1975
19760082014	Life assurance of composite structures. Volume 1: Moisture effects	1975
19760082015	F-band TRAPATT amplifier	1975
19760082016	Electronic Warfare Information System (EWIS): Computer operation manual	1975
19760082018	Exercise critique system (EXCRIT): Users manual	1975
19760082019	Automatic indexing in the exercise message analysis system, functional description	1975
19760082020	Exercise master scenario events list system (XEVNT), users manual	1975
19760082021	Compilation of data covering aircraft servicing facilities aboard aircraft carriers	1975
19760082022	Long range planning task force team for gun systems, historical summary	1975
19760082023	Evaluation of four lithium/organic electrolyte/copper chloride electrochemical cells	1975
19760082024	Silver recovery from waste photographic solution	1975
19760082025	Turbine engine loads simulator exhaust deflection and thrust negation study	1975
19760082026	Computer-aided vulnerability analysis of a digital-to-analog converter	1975
19760082027	The evaluation of paint systems for ammunition maintenance in the field	1975
19760082028	High G telemetry status and capabilities	1975
19760082029	Development of a high resolution electronic camera for use in high performance aircraft	1975
19760082030	Evaluation of parked aircraft sentry system AN/GSS-24	1975
19760082032	TAMICSS improvement project	1975
19760082033	BSSD software performance requirements PPR content requirements document	1975
19760082034	Sample PPR-X1 track loop experiment	1975
19760082036	The EVE method: A computer technique for studying the impact of a projectile onto a visco, elastic medium	1975
19760082037	Corrosion control support for ASROC launchers	1975
19760082038	The mechanism of stress corrosion cracking in close-in weapons system penetrators exposed to moist-air environments	1975
19760082040	The ambient noise bibliographic data bank	1975
19760082041	Ultrasonic extrusion of double-base and high energy propellants	1975
19760082042	Proceedings of Pyrochem International 1975	1975
19760082043	Effective infrared optical depths associated with the clear ocean	1975
19760082044	AN/TPS-59 XN-1	1975
19760082045	Carbon gauge calibration	1975
19760082047	Workshop on automated prognosis of failure in military automotive vehicles	1975
19760082048	Fluence-to-dose conversion factors for APRE fast pulse reactor neutron spectra	1975
19760082049	Aft-nacelle axial-force characteristics of a 0.06-scale, strut mounted B-1 model including simulated primary and auxiliary jet effects at transonic Mach numbers	1975
19760082050	Afterbody drag coefficient reduction by mechanical boattailing	1975
19760082051	Special features of the structure and growth of pyrocarbon whiskers	1975
19760082052	The conductivity of AG19I15P2O7 manufactured by Unican	1975
19760082053	Numerical analysis of DNA earth penetrator experiment at DRES	1975
19760082054	Electromagnetic susceptibility of semiconductor components	1975
19760082055	Advanced development models of the AN/VSS-4 searchlight, June - July 1975	1975
19760082056	An economic and ecologic comparison of the nuclear stimulation of natural gas fields with retorting of oil shale	1975
19760082057	Gravitational field of stratified media of variable density	1975
19760082058	Selections from: Report on scientific activity in Geodesy, 1971-1974	1975
19760082059	Chart of gravimetric geoid undulations in Europe and the northeast Atlantic	1975
19760082060	On allowing for the effect of topographic masses in computing deflections of the vertical and quasigeoid heights	1975
19760082061	Zonal spherical-harmonic coefficients from satellite data by collocation	1975
19760082062	On the mechanism of secular motion of the earth poles	1975
19760082063	Study of pyroelectric devices, part 2	1975
19760082065	Time division digital multiplexer TD-1069 ()/G	1975
19760082067	Dynamic material properties of towed array hose	1975
19760082068	Operational acceptance test of Univac 418-2 automated telecommunications center, test plan	1975
19760082069	An analysis of alternatives to verbal FM radio tactical command and control communications	1975
19760082070	A-7 electronic location finder	1975
19760082071	The influence of raindrop size distribution on the attenuation of lambda equals 5.77, 3.3 and 2 mm microwaves	1975
19760082072	Radio intervisibility between units of a simulated division in various terrain as a function of path loss	1975
19760082073	On the feasibility/desirability of an Air Force ELF/VLF satellite-to-ground communications link	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082074	Oceanographic systems program	1975
19760082075	Correlation degradation resulting from target motion	1975
19760082076	Semiautomated Message Reproduction and Distribution System (SAMRADS)	1975
19760082079	Multispectral Airborne Target Radiation Imagery Characteristics (MATRICS). Volume 1: Program description	1975
19760082080	Effects of internal blast on combat aircraft structures. Volume 1: The BR-1A computer code for transient structural response to blast loading of aircraft compartments	1975
19760082081	Effects of internal blast on combat aircraft structures. Volume 2: Effects of detonations of high explosive projectiles on fracture of metallic aircraft compartments	1975
19760082083	Deflector/nozzle program. Conceptual design, volume 2	1975
19760082084	Lightweight IR dispenser	1975
19760082085	Voice input code identifier	1975
19760082086	Monitor ESD test of Message Processing Module (MPM) TADIL-A relay capability	1975
19760082087	Evaluation of the AN/GSQ-120(V)1 microwave relay	1975
19760082088	Negative-phase-slope network having prescribed phase and amplitude characteristics	1975
19760082089	HF test procedures for narrowband digital voice terminals	1975
19760082090	Using a (15, 11) Reed-Solomon code with the linear predictive encoder	1975
19760082091	A submarine magnetic anomaly signal model with programs for a Hewlett-Packard 65 calculator	1975
19760082093	Reflect computer code for ground-reflected blast waves. Volume 2: Computer program description	1975
19760082095	Comparative performance evaluation of four digital message entry devices	1975
19760082096	AN/TRN-28 Azimuth variable scale factor	1975
19760082097	Evaluation of the ATIGS tri-service navigation tests	1975
19760082100	ADP oriented modular panel display(solid state)	1975
19760082101	ADP oriented modular panel display (solid state)	1975
19760082102	Development test 2 (service phase) of roof, air-supported, for hasty storage reservoir	1975
19760082104	Ballistic Missile Defense Advanced Technology Center (BMDATC) Advanced Research Center, volume 1	1975
19760082105	Ballistic Missile Defense Advanced Technology Center (BMDATC) Advanced Research Center, volume 1	1975
19760082106	MX-9331()/URC regenerative repeater	1975
19760082107	MX-9311()/URC regenerative repeater	1975
19760082115	Evaluation of the environmental impact of noise, generated from military aircraft operations, Fort Carson, Colorado, December 1974	1975
19760082116	Burning mechanism of ammonium and hydrazone salts	1975
19760082117	Burning gunpowder interaction with an acoustic field in the presence of balanced chemical reactions behind the flame	1975
19760082136	Blast-noise environment of recoilless rifle and impulsive rocket firings. Part 1: Review of the state-of-the-art	1975
19760082137	Blast-noise environment of recoilless and impulsive rocket firings. Part 2: Theoretical prediction of blast pressures caused by rapid expansion of rocket exhaust plumes	1975
19760082138	Spacecraft vuilleumier cryogenic refrigerator development	1975
19760082139	Development of a temperature controller for a vuilleumier (VM) cycle power cylinder	1975
19760082140	Servicing the DSCS 2 with the STS. Volume 2: Technical report	1975
19760082141	Servicing the dSCS-2 with the STS. Volume 3: Technical appendices	1975
19760082142	B-1 systems approach to training, volume 1	1975
19760082143	B-1 systems approach to training. Volume 3: Appendix B: Bibliography and data collection trips	1975
19760082144	B-1 systems approach to training. Volume 1: Behavioral objectives for the pilot, copilot, and offensive systems operator	1975
19760082145	B-1 systems approach to training. Volume 2: Behavioral objectives for the pilot, copilot and offensive systems operator	1975
19760082146	B-1 systems approach to training. Simulation Technology Assessment Report (STAR)	1975
19760082161	Spectral sensitivity of the far field irradiance	1975
19760082162	Phase 3 shock-on-shock experiment	1975
19760082163	Studies of the nuclear crater ejecta environment	1975
19760082164	Cratering and ground motion calculations for project micro atoll	1975
19760082165	Standard Electronic Module Radar (SEMR)	1975
19760082166	Candidate airborne platforms for MTI standoff radar	1975
19760082167	A description of the traffic data collection system	1975
19760082168	Flight test verification methods and data reduction procedures for AIMS installations in Navy aircraft	1975
19760082169	Technical evaluation of radio set AN/PRC-68(XN-4)	1975
19760082170	EMI site surveys on Okinawa at Naval Security Group Activity, Hanza, and Army Security Agency Field Station, Sobe	1975
19760082171	Target acquisition with color versus black and white television	1975
19760082172	Vendor 883 microcircuits	1975
19760082173	Definition of the digibus for the exchange of numerical data in a fighter aircraft	1975
19760082174	A plan for Air Force traffic control and landing systems	1975
19760082175	Check test of asynchronous digital combiner TD-976 and pulse form restorer TD-982	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082176	Denmark: United States far infrared signature model	1975
19760082184	IR spectrum simulating pyrotechnics 2	1975
19760082187	Dual power air-cooled CW transmitter tube	1975
19760082188	PEM for automation of production for multialkali photocathode processing	1975
19760082189	Modeling the relative amplitude probability distribution of power-line noise	1975
19760082190	Low noise Schottky barrier FET transistor (InP)	1975
19760082191	Development test 2 (supplementary testing) of very-short-range ground surveillance radar AN/PPS-15(), supplement number 2	1975
19760082193	PVM-5 weather documentation, AFCRL/Minuteman report number 4	1975
19760082194	STM-8W weather documentation, AFCRL/Minuteman report number 3	1975
19760082195	Laser Obstacle Terrain Avoidance Warning System (LOTAWS)	1975
19760082196	Laser Obstacle Terrain Avoidance Warning System (LOTAWS)	1975
19760082197	Study and design family of DC link type solid state frequency changers 10 kW through 250 kW, phase 1	1975
19760082198	General theory of methods in geodetic astronomy	1975
19760082199	Determination of the earth's dimensions and gravity field (dynamic methods of satellite geodesy)	1975
19760082200	Reliable software	1975
19760082209	Laser/target interactions. Research survey and definition of BMD-related applications model (U)	1975
19760082225	Tactical communications and navigation systems compatibility, interoperability analysis, volume 1 (U)	1975
19760082226	Tactical communications and navigation systems compatibility, interoperability analysis, volume 2 (U)	1975
19760082240	A physically survivable backup for the NAVSTAR global positioning system (U)	1975
19760082241	Air vehicle survivability study. Volume 3: F-4C survivability (PENVAL program) (U)	1975
19760082242	Air vehicle survivability study. Volume 6: B-52G survivability (PENVAL) program (U)	1975
19760082243	Air vehicle survivability study. Volume 5: F-111A survivability (PENVAL program) (U)	1975
19760082244	A summary of the investigation of L3TV adjunct to BMD. Volume 1: Summary (U)	1975
19760082245	A summary of the investigation of L3TV adjunct to BMD. Volume 2: Analyses (U)	1975
19760082256	Project assessment study: Various facilities modifications at Johnson Space Center for NASA space shuttle	1975
19760082265	A vestigial sideband data modem for synchronous data transmission at 2.4, 4.8 or 7.2 KR/s	1975
19760082266	On blast failures in rocket motors	1975
19760082267	Research in aeronomy	1975
19760082268	Ionospheric dynamics group	1975
19760082269	Ionospheric chemistry group	1975
19760082270	Radio-wave propagation group	1975
19760082271	Rocket experiments group	1975
19760082272	Meteor-radar group	1975
19760082273	Incoherent-scatter group	1975
19760082274	Partial-reflection group	1975
19760082275	Laser-radar group	1975
19760082294	Design considerations for a post-boost propulsion system	1975
19760082297	MX lower stage nozzle advanced materials development	1975
19760082298	Operational effects on the life of monopropellant hydrazine devices	1975
19760082299	Prediction of delivered specific impulse using empirical techniques	1975
19760082300	Suppressive shielding of hazardous ammunition production operations	1975
19760082301	Suppressive shielding concept as an antipropagation barrier for the 81mm,M374 HE mortar round	1975
19760082303	Beryllium rocket engine technology	1975
19760082304	The design of an experiment for obtaining 1332N (300 LBF) thrust long life monopropellant thruster design criteria	1975
19760082308	The 203 mm Marine Corps gun-howitzer	1975
19760082309	Jet tab thrust vector control technology	1975
19760082310	High pressure blast tube nozzle structural reliability	1975
19760082311	Low cost motor demonstration	1975
19760082313	Aerothermal mechanics in rocket nozzle and reentry vehicle thermal protection applications	1975
19760082314	Development of high efficiency space shuttle tankage	1975
19760082315	Space Shuttle OMS propellant acquisition	1975
19760082316	Simulated altitude characteristics of a 26,700 N (6000 LB) thrust regeneratively cooled engine	1975
19760082317	Intergated auxiliary propulsion for the space tug	1975
19760082318	Aluminum cartridge cases in conventional gun/ammunition weapon systems	1975
19760082319	The dynamics of secondary smoke generation in smokeless solid rocket plumes	1975
19760082320	Effects of solid distribution on the mechanical properties and processing of XLOB propellants	1975
19760082324	An analysis of alternatives for improving US air-to-ground capability in NATO (1980): Cost analysis (U)	1975
19760082325	An analysis of alternatives for improving US air-to-ground capability in NATO (1980): Executive summary (U)	1975
19760082334	Applied aerodynamic research, wraparound surface study	1975
19760082335	Structure resistance to high thermal impulse, effects of laser beams on various materials	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082336	Airbreathing propulsion, direct-connect tests of a SCRAM combustor at low Mach number and high pressure	1975
19760082339	Advanced radar antenna, wideband array antenna system	1975
19760082340	External burning assisted projectiles, tests of external burning assisted projectiles	1975
19760082341	High speed reusable RPV's Delta Planform RPV target	1975
19760082343	Theoretical problems, radio-frequency-supplemented mirror confinement of a charged particle	1975
19760082344	Theoretical problems, analysis of computer models for noise inversely proportional to frequency	1975
19760082345	Theoretical problems, molecular energies and structure	1975
19760082346	Theoretical problems, dividing streamlines and moving stagnation points	1975
19760082347	Theoretical problems, phase transitions	1975
19760082348	Theoretical problems, transport across structured membranes	1975
19760082349	Theoretical problems, laser light scattering	1975
19760082350	Computer operation, an IBM 370 instruction simulator for the IBM 360/91	1975
19760082351	Parametric sonar beam study, parametric solar	1975
19760082352	Bottom/sub-bottom acoustic data, quantitative bottom/sub-bottom profiling systems	1975
19760082353	SES technical studies, studies of surface effect ship habitability	1975
19760082354	ARPA surface effect vehicle, Artic Surface Effect Vehicle Program	1975
19760082355	Helicopter radar program, 95 GHz radar noter program	1975
19760082356	Satellite cooling, continuous sensor cooling in space	1975
19760082357	Site evaluation general support, effects of entrainment by Summit Power Plant on striped bass spawning	1975
19760082358	Site evaluation, general support, detailed site evaluation of the Easton Diesel Electric Generating Facility	1975
19760082359	Oil facility study, site evaluation studies for proposed oil refineries in the state of Maryland	1975
19760082365	The service life predictions of smokeless propellant motors	1975
19760082366	Technology for a low cost rocket motor	1975
19760082369	Submarine launched harpoon propulsion	1975
19760082370	System safety considerations for tactical missiles	1975
19760082371	Explosive initiation	1975
19760082372	Range precision of rocket assisted projectiles as affected by base pressure variation during burning	1975
19760082373	An interior ballistics model for a spinning rocket assisted projectile	1975
19760082374	Experimental evaluation of ramjet fuel control concepts	1975
19760082376	Low cost subsonic ramjet engine test program	1975
19760082378	Low cost/optimized performance inlets for ramjets	1975
19760082381	Development of a two-burn, dual hydroquench solid propellant motor (HEUS/RS)	1975
19760082382	Pulsed plasma propulsion system for TIP-1 satellite	1975
19760082383	Oxidizer for chemical lasers	1975
19760082384	Analytic methods for explosive ingredients at low concentrations	1975
19760082385	Improved low-cost rocket motor processing and component development	1975
19760082386	Rocket-ramjet cost and reliability prediction methodologies	1975
19760082388	Optimization of the processing conditions for HMX/HTPB propellants	1975
19760082389	Photographic failure analysis of advanced composite pressure vessels	1975
19760082395	Minimum-smoke crosslinked double-base propellant mechanical properties and failure criterion	1975
19760082404	Available energy augmented ducted rockets	1975
19760082405	GAU-8/A, development of an air-to-ground weapons system for the A-10 A/C	1975
19760082407	JANNAF performance prediction methodology	1975
19760082408	Demonstration of a sterilizable solid rocket motor system	1975
19760082409	Advanced space engine component developments	1975
19760082410	Space shuttle upper stage design for small payload applications	1975
19760082411	Water electrolysis propulsion system testing	1975
19760082412	Electric propulsion spacecraft integration study	1975
19760082413	Pyrotechnic hazards engineering program	1975
19760082414	Production of UDMH from dimethylnitramine	1975
19760082415	The application of the UV-OX(tm) process for purifying waste waters from explosive and propellant manufacturing	1975
19760082418	F-111 advanced research electromagnetic pulse simulator detailed test plan. Volume 3: External coupling and deliberate antenna experiments	1975
19760082419	F-111/ARES detailed test plan. Volume 4: SRAM/ARES detailed test plan	1975
19760082420	High Altitude Supersonic Target (HAST) flight control analysis	1975
19760082422	Hardness program, non-EMP airblast entrained debris safety verification for safeguard facilities	1975
19760082423	Advanced early warning concept studies	1975
19760082424	Advanced guidance technology program, volume 2	1975
19760082425	New elastomeric polymers and specialty chemicals	1975
19760082426	Crack arrest in titanium	1975
19760082427	Performance evaluation of the TD968(B) pulse code modulation multiplexer	1975
19760082428	Fleet operational appraisal of improved type A-4 OBA (oxygen breathing apparatus)	1975
19760082429	Ganged magnetic sensor system	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082430	Engineering evaluation of bendix 21B30-5-A and 21B120-1-A generator control units used on F-4 type aircraft	1975
19760082431	Test and evaluation of organizational and intermediate maintenance level Ground Support Equipment GSE peculiar to the E-2C aircraft and its associated systems and equipment	1975
19760082432	Test and evaluation of the F-14A spring scale (P/N LP-8)	1975
19760082433	ASQ-81(V)-2 towed MAD support	1975
19760082434	Model C-1, E-1, and S-2 aircraft, determination of high excess end airspeed/AFT center of gravity catapult launch techniques	1975
19760082435	Technical evaluation of the A/M37T-17(V)2 Mobile Engine Test System (METS)	1975
19760082436	Solution of the reverse problem of gravitational prospecting by minimization	1975
19760082437	Height regression of gravity anomalies and its interpretation	1975
19760082438	Evaluation of an air bag supported seat	1975
19760082439	Design of a disturbance accommodating servo-controller for a stabilized sight	1975
19760082442	RF on-board Radar Radiation Receiver (RRR): Prime item development specification	1975
19760082443	RF on-board Radar Radiation Receiver (RRR). Annex A: Development of substrate modules	1975
19760082444	RF on-board Radar Radiation Receiver (RRR). Annex C: EMI evaluation	1975
19760082445	Hardness program: Non-EMP subsystem hardness assurance analysis for safeguard TSE ground facilities, volume 1	1975
19760082446	Hardness program: Non-EMP subsystem hardness assurance analysis for safeguard TSE ground facilities, volume 2	1975
19760082447	Motor vehicles	1975
19760082448	Arctic surface effect vehicle program. Volume 1: Program review and history of related developments	1975
19760082449	Theoretical predictions of thermal explosions. Part 1: A mathematical model of a bomb in a fire	1975
19760082450	Blast response of helicopters parked in revetments (event mixed company)	1975
19760082451	Development of a low voltage conducting composition detonator	1975
19760082454	Space communications	1975
19760082455	Aerodynamic properties and stability behavior of the 155 mm Howitzer shell, M107	1975
19760082456	The aerodynamic characteristics of the 155 mm model of the 8-in. XM650E2	1975
19760082457	Nuclear radiation effects on the RCA GUA-5 (ECOM larg scale integrated LSI radiac counter circuit)	1975
19760082458	Effects of an irregular ionosphere on L-band radar system	1975
19760082459	MNOS radiation device testing	1975
19760082460	A simulation model of operational effectiveness in a counter measure environment	1975
19760082463	Qualification of Mylar capacitors per 904339-3 manufactured by S and EI	1975
19760082464	C-band solid-state power amplifier	1975
19760082465	Optimized LED for single fiber optical links	1975
19760082466	Manufacturing methods and technology measure for silicon PIN quadrant photodetectors	1975
19760082467	Polymer adhesives for use in hybrid microelectronics	1975
19760082469	Study of multi-state PN sequences and their application to communication systems	1975
19760082470	Computer programs for calculating small disturbance transonic flows about oscillating planar wings	1975
19760082471	Application of adaptive filtering methods to maneuvering trajectory estimation	1975
19760082472	Evaluation of the applicability of modern signal detection and clutter rejection techniques to the AN/FPS-20A/67 D/100 and AN/FPS-19 classes of Air Force radar	1975
19760082473	Test plan for interface and initial operational test and evaluation of the AN/TPS-63 radar set	1975
19760082474	Modifications to a model for radar wakes of booster fragments	1975
19760082475	Metal-nitride-oxide-semiconductor memory on insulating substrates, part 1	1975
19760082476	VTOL advanced flight control system studies for all-weather flight, volume 1, task 1 report	1975
19760082477	VTOL advanced flight control system studies for all-weather flight, volume 2, task 3 report	1975
19760082480	Approximate calculation of the elements of disturbing bodies from delta-G anomalies	1975
19760082482	On the solution of the three-dimensional inverse problem of gravimetry based on harmonic moments of disturbing masses	1975
19760082483	Certain aspects of the study of actual deflections of the vertical in mountain areas	1975
19760082484	On coordinate systems used by latitude and time services	1975
19760082485	Relationships between geothermal and gravimetric anomalies	1975
19760082486	Tide gages and their significance for continental leveling nets	1975
19760082487	Absolute elevations of the moon's marginal zone the system of selenodetic reference points	1975
19760082488	A proposed simulation model of the NICS TARE/MDC network	1975
19760082490	Computer design of an active bandpass filter	1975
19760082491	Examples of DREP magnetics group involvement with coherence-function interpretation and analysis	1975
19760082493	Lightning warning systems and the protection of transistorised circuits for firing range equipment	1975
19760082495	Incinerator for plastics	1975
19760082496	The effect of temperature on the electrophysical properties of carbonaceous materials of the ARV and pyrographite type	1975
19760082497	Technological testing of submersible hose type NW100 and ND16	1975
19760082498	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF),Charleston Navel Ship Yard, Charleston, South Carolina	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082499	Manufacturing methods for casting large close tolerance titanium shapes for aircraft structural applications	1975
19760082500	Product improvement test of track rubber compounds for T142 track shoes	1975
19760082501	Qualification of MIL-L-23699B aircraft turbine engine oil mobile RM 247A	1975
19760082502	Theoretical study of the origination of explosion during concentrated energy supply	1975
19760082503	Nozzle with diffuser in the circuitry of pneumatic linear measurement technology	1975
19760082504	Breakup of liquid drops in the flow behind shock waves with a triangular profile of change in gas velocity	1975
19760082505	Inharmonic crystalline theory (self consistent theory of inharmonic crystals, 1)	1975
19760082506	Free rocket technology Autospin accuracy improvement	1975
19760082507	Static and dynamic stability characteristics of the fixed-fin and inflatable stabilizer retarder configurations of the MK-82 store at transonic speeds	1975
19760082508	Feasibility study on the development of aeroelastic flutter models for flutter testing in PWT 16T and 16S	1975
19760082509	Determination of penetration forcing function data for impact fuzes	1975
19760082510	Summary of ARPA-ASO, TTO aerial platform programs. Volume 1: Balloons	1975
19760082511	Tracked vehicles: Noise and vibration study using a reduced scale model	1975
19760082513	High energy laser windows	1975
19760082514	A method of scaling model drag results for surface effect ships	1975
19760082515	Fabrication techniques for track elastomeric compounds	1975
19760082517	Interior sequential impact and cylindrical waves by exploding wire	1975
19760082518	Hydroacoustic reverberation from underwater	1975
19760082519	Pulsed laser transmitter system	1975
19760082520	Essex-diamond ore research program. Essex 6: Effects of low-yield nuclear explosions on airfields and railway systems, calendar year 1973 experimental effort	1975
19760082521	Essex-diamond ore research program. Essex 1, phase 2: Structures test	1975
19760082522	Development of cooled metal mirror with active figure control, Volume 1	1975
19760082523	Development of cooled metal mirror with active figure control, Volume 2	1975
19760082524	ENDGAME: A computer program for estimating air intercept missile effectiveness. Volume 1. User manual	1975
19760082525	ENDGAME: A computer program for estimating air intercept missile effectiveness. Volume 2. Analyst manual	1975
19760082526	Parameter estimation from photometric data. Volume 2: Appendices	1975
19760082527	Institute for defense analyses ground-air model 1 IDAGAM 1 program maintenance manual, part 1	1975
19760082528	Test and evaluation of the Arkay print dryer, model RC 1601, using resin-coated RC cut sheet papers	1975
19760082529	Evaluation of the multichannel recorder/reproducer AN/TNH-21 for shipboard use	1975
19760082530	Tactical airborne reconnaissance POD system feasibility model	1975
19760082536	Superplasticity of metallic materials	1975
19760082537	Incinerator installation for plastic waste	1975
19760082538	Waste plastics treatment by the poly-bath dry distillation process	1975
19760082539	Battery-powered industrial vehicles for intraplant transportation	1975
19760082540	Method for calculating the change in billet shape and roll pass designs during the two-pass rolling of V-shape billets in multi-roll pass designs	1975
19760082542	A study of homopolar/cryogenic electric machines for destroyer propulsion	1975
19760082544	High temperature resins having improved processibility, part 2	1975
19760082546	C-5 single air conditioning pack capability	1975
19760082547	Material response models for radiation effects on advanced three-dimensional, composite heatshield materials	1975
19760082548	Innovation in the development of focusing seismic waves	1975
19760082549	With the brand made in Bulgaria	1975
19760082550	Synthesis of thermally stable polymers	1975
19760082551	Surveillance/environmental test of mask, protective, tank, M25A1	1975
19760082552	Radio-Chemical industrial units and promising radiation chemistry processes	1975
19760082553	Evaluation of the engineering model of the deflector-assembly modified M-55 laser for artillery direct fire training, October 1975	1975
19760082554	Evaluation of the optic 4/light observation helicopter target acquisition and designation system LOHTADS laser rangefinder/designator, September 1975	1975
19760082555	Gravity field and crustal structure of the Pacific Ocean	1975
19760082556	Hybrid fluorosilicones for aircraft fuel tank sealants. Part 5: Synthesis of fluorocarbon and fluorocarbon ether hybrid fluorosilicone polymers	1975
19760082557	Advanced effort in inference tools	1975
19760082559	Unmanned combat aircraft (RPVs)	1975
19760082560	The artillery meteorological services	1975
19760082562	Bibliography-shock physics (U)	1975
19760082563	Properties of ferromagnetic filled monofilaments (U)	1975
19760082566	Multiburst clutter modeling. Volume 2: Hull contour plots (U)	1975
19760082569	Annual progress report, 1 Jul. 1974 - 30 Jun. 1975 (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082573	Properties of photodetectors. (Photodetector series, 91st report). Characterization of a five-element mercury-cadmium-telluride array (U)	1975
19760082574	Preflight analysis for SAM-D proof-of-principle flight number seven (mission number eleven) (U)	1975
19760082575	Exothermic intermetallic reactions (U)	1975
19760082576	Design of an operational test for the evaluation of short-range air-to-air missile concepts (AIMVAL) (U)	1975
19760082579	Radar techniques program (U)	1975
19760082581	Development of high density impulse solid propellants for air launched motor applications (U)	1975
19760082583	YF-16 lightweight fighter prototype program. Volume 2, supplement 1: Performance, aerodynamics, and propulsion (U)	1975
19760082588	An application of a computer graphic display technique to determine the OR-ing effect on the minimum detectable level for a passive narrowband display (U)	1975
19760082589	CO2 laser heterodyne sensor (U)	1975
19760082591	The NRL Optical Radiation Laboratory (U)	1975
19760082592	Air Force technical objective document, fiscal year 1977	1975
19760082595	The infrared signatures and LIDAR cross-sections of mortar shells (U)	1975
19760082598	Quiet radar/missile guidance technical assessment (U)	1975
19760082601	Survey of earth oriented civil satellite sensor programs (U)	1975
19760082602	Advanced simulation research program (U)	1975
19760082606	Development of a G/H/I-band dual mode crossed-field amplifier (U)	1975
19760082612	Tactical command, control and communications program (U)	1975
19760082613	Emergency rocket communications system. Payload performance analysis Giant Moon 7 (U)	1975
19760082622	Continuous homing penetration effectiveness study (U)	1975
19760082625	Electromagnetics (U)	1975
19760082627	ODE passive measurements, data analysis report (U)	1975
19760082628	Multiburst clutter modeling, volume 1 (U)	1975
19760082631	Special surveillance system study (U)	1975
19760082633	Critical Optics Technology (COT) (U)	1975
19760082636	A review of technology applicable to the identification of non-cooperative aircraft (U)	1975
19760082647	AFWL technical objective. Number 2: Advanced radiation technology (U)	1975
19760082650	USAF precision pointing and tracking systems for high energy laser applications, test results (U)	1975
19760082661	ODE computer program (software) (U)	1975
19760082680	Exercise POLO HAT 75-3 evaluation report (U)	1975
19760082682	The influence of reference point uncertainty on compensatory tracking performance (U)	1975
19760082690	Infrared data base for high-altitude enhancement radiation, volume 1 (U)	1975
19760082691	Infrared data base for high-altitude enhancement radiation. Volume 2: Appendix (U)	1975
19760082746	LED X-Y matrix display	1975
19760082748	A practical approach to the prediction of oscillatory pressure distributions on wings in supercritical flow	1975
19760082749	The effects of bearer errors on the transmission of V.F. data over P.C.M. carrier systems	1975
19760082764	Hydrazine engine metallurgical evaluation	1975
19760082765	Aerosol propagation effects	1975
19760082769	B-52D/Mk60 flight flutter test program	1975
19760082770	Effect of mixture ratio on UV, visible and infrared radiation from exhaust plumes	1975
19760082771	Collapsible light metal storage tank 450 cu m Steinborn improved design	1975
19760082772	Calculating the flows in fluidic chambers	1975
19760082773	Concentration and combination limits of heterogeneous ignition	1975
19760082774	Cathode-driven, high gain, crossed field amplifier	1975
19760082776	An analysis and experimental comparison of two coaxial flow arc heater nozzle configurations	1975
19760082777	New phenomena in burning of condensed systems	1975
19760082778	The effect of stabilizer depletion and critical pressure ratio on the service life predictions of smokeless propellant motors	1975
19760082779	Study of the condensed products of combustion of magnesium powders. 1: Dependence on pressure, 341	1975
19760082780	Initial production test of filter/separator, liquid fuel, 350 GPM, Beta Systems Incorporated	1975
19760082781	Initial production test of filter/separator, liquid fuel, 50 GPM capacity	1975
19760082782	A computer model for aircraft PIP and ECP economic analysis	1975
19760082783	Assured air line of communications: A light corps in a middle east setting	1975
19760082784	Contribution made by military technology to the development of materials	1975
19760082786	Terminal homing engineering flight tests three-shoe T7 slug and aeroballistic flight qualification tests	1975
19760082787	Hit-to-kill homer ground test (hit phase 2). Task completion report VSD-fabricated subsystems	1975
19760082788	Design review of helicopter ASW systems improvements (MCJR and MASH)	1975
19760082790	Ship and Aircraft Loading and Unloading Models (SALUM). Volume 3: Sea simulation maintenance manual	1975
19760082791	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF) Charleston Naval Shipyard, Charleston, South Carolina	1975
19760082792	Digital data transmission in a Pulse Amplitude Modulation (PAM) communication system	1975
19760082793	Army aircraft structural plastic materials testing and data compilation. Part 1: Characterization signatures of commercial prepregs for composite aerostructures	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082794	The 350 watt peak microwave pulsed power transistor	1975
19760082796	Integrated X-band FET high-power amplifiers	1975
19760082797	Wideband recording: A technology assessment	1975
19760082798	Thermal and mechanical properties of carbon-carbon heatshield materials. Volume 3: Evaluation of virgin and degraded properties of AVCO3DCC heatshield materials	1975
19760082799	Mechanical systems B-52 G/H protective Systems Test Range PSTR	1975
19760082800	Scoop housekeeping calibration report	1975
19760082801	Complementary bipolar transistor structures	1975
19760082802	Analytic-numerical investigation of turbulence and transition to turbulence	1975
19760082803	Analytic-numerical investigation of turbulence and transition to turbulence	1975
19760082804	RF on-board Radar Radiation Receiver (RRR). Annex B: Wideband receiver spur analysis	1975
19760082805	RF on-board Radar Radiation Receiver (RRR). Annex G: Final laboratory model acceptance test	1975
19760082806	RF on-board Radar Radiation Receiver (RRR). Annex H: The 0.9-12GHz antenna, patterns	1975
19760082807	Metal-nitride-oxide-semiconductor memory on insulating substrates, part 2	1975
19760082808	Integrated paramp	1975
19760082809	Vulnerability analysis of selected components of thermal power plants	1975
19760082810	Frequency changers, solid state, 10 kW through 250 kW ratings	1975
19760082811	Secure man-on-the-move communications system (MOMCOMS). Volume 1: Baseline system description and fleet applications	1975
19760082812	Secure man-on-the-move communications system (MOMCOMS). Volume 2: Shipboard equipment configuration, RF channel allocation, and life-cycle cost analyses	1975
19760082819	Heatshield and substructure studies for maneuvering reentry vehicles. Volume 1: Carbon-carbon heatshield study	1975
19760082820	Heatshield and substructure studies for maneuvering reentry vehicles. Volume 2: Beryllium substructure assessment	1975
19760082821	The AG(EH) in support of future hydrofoil systems development. Propulsion systems, executive summary	1975
19760082822	The AG(EH) in support of future hydrofoil systems development. Combat Systems, executive summary	1975
19760082823	Multipole representation of the gravitational potential	1975
19760082824	On the mean value of the earth's interior gravitational potential	1975
19760082825	High speed serial data buffer TD-1065 (/)G	1975
19760082827	Evaluation of G-651R integral fuel tank channel sealant for model A-6 aircraft	1975
19760082830	P.E.M. for automation of production for multialkali photocathode processing	1975
19760082831	S-band long-life grid-controlled amplifier	1975
19760082832	Development of an Intensified Charge Injection Device (ICID)	1975
19760082834	One kilowatt UHF power amplifier study	1975
19760082835	Energy sources in the future	1975
19760082836	Possibilities for the use of thin-film solar batteries for units on earth	1975
19760082837	Thermoelectric power engineering	1975
19760082838	Plasma reinforced ceramic coatings	1975
19760082839	A new interpretation of the geoid undulations at sea	1975
19760082840	On reduction of astronomical longitudes to a common system	1975
19760082841	Display technologies for topographic applications: Assessment of state -of-the-art and forecast	1975
19760082842	Candidate medical oxygen extractor system	1975
19760082843	Management of information systems development: The Air Force advanced logistics system	1975
19760082844	The meteorological kit: Instruments for measuring meteorological data	1975
19760082845	Development of electron-bombarded silicon EBS Charge Coupled Device CCD imagers	1975
19760082846	Bearing strength of frost sensitive soils after thawing as a parameter for dimensioning roads and as a measure for evaluating frost	1975
19760082847	A chart of the deflections of the vertical in West Germany according to a geodetically consistent	1975
19760082848	Errors for mean geoid heights derived from along-track altimetry data	1975
19760082849	Molecular tailoring of fluorocarbon ether bibenzoxazole polymers to lower glass transition temperatures	1975
19760082851	Metal cutting (sections 26 and 27)	1975
19760082852	Effective use of plastic waste	1975
19760082853	Bauer fully-synthetic superstructures applied materials and industrial process	1975
19760082854	The prediction of flap-controlled hydrofoil ship steady state performance	1975
19760082855	Manufacturing methods and technology for a four-stage thermoelectric cooler	1975
19760082856	Pollution abatement with non-cyanide cadmium plating processes	1975
19760082857	Evaluation of the air-to-ship delivery container on the A-4, A-6, and A-7, and F-4 aircraft	1975
19760082858	Evaluation of the linalog pipeline inspection system for the detection of corrosion in Navy POL pipelines	1975
19760082859	Electromagnetic log system calibration for SSN 637 class submarines, phase 2	1975
19760082860	Welding Ti-6211 alloy titanium by the sliding-seal electron-beam process	1975
19760082861	Supersonic delivery capability with selected conventional munitions on F-4 and F-111 aircraft	1975
19760082862	Holographic inspection of aluminum-to-aluminum electron beam welds in the chaparral warhead section. Part 1: Programmed disbowsds	1975
19760082863	High temperature stable subsonic rain erosion resistant fluoraelastomer coatings development	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082864	EAI 680 analog computer study of distortion in a hydroacoustic transducer with Coulomb friction and a nonlinear electrohydraulic valve	1975
19760082865	Progress report for FY-1975 on the fracture resistance of HY-130 welds	1975
19760082866	Fretting corrosion studies of titanium	1975
19760082867	USS NIMITZ (CVN 68) functional evaluation of launcher, recovery, and guidance systems during aircraft/ship compatibility trials	1975
19760082868	Distribution of certain elements in the effective zones of a laser beam during treatment of alloys	1975
19760082869	Airborne laser laboratory NKC-135A flight test pressure data for the forward ramp	1975
19760082871	Use of two-dimensional digital fourier transforms for image processing and analysis	1975
19760082873	Test and evaluation procedures, software tools test plan and procedures	1975
19760082874	Field test of War Readiness Spares Kits (WRSK) and surge test	1975
19760082875	PAVE LAP timer producibility engineering effort	1975
19760082877	Development of enclosed wire intrusion detection transducer	1975
19760082878	Evaluation of environmental profiles for reliability demonstration	1975
19760082879	Military applications of multiband aerial photography. Report number 5 in the ETL series on remote sensing	1975
19760082881	A review of surface-to-surface masking studies	1975
19760082882	Reinforcement of plastics, with a detailed comparison or reinforcing and matrix materials	1975
19760082883	The study of on-board oxygen systems, phase 3	1975
19760082884	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused glass	1975
19760082885	Production assessment test report on relay, armature, 1 to less than 5 AMP, hermetically sealed, DPDT	1975
19760082886	Synthesis of reactive ferrocene compounds	1975
19760082887	VFA-V/STOL CREW loading analysis	1975
19760082888	Electromagnetic shielding requirements within naval hospitals	1975
19760082889	Test and evaluation of oxygen dispensing systems, volume 25, no. 16	1975
19760082890	Energy (fuel) conservation through underwater removal and control of fouling on hulls of Navy ships	1975
19760082891	Regeneration of activated carbon used for the removal of Otto fuel from wastewater	1975
19760082892	Improved impatt diode structures	1975
19760082893	Analysis of soil structure interaction on Site Defense (SD) type semi-buried structures. Part 1: Development of Soil Island procedures and associated free-field calculations	1975
19760082894	Qualification requirements for thick-film networks	1975
19760082895	Solid electrolyte oxygen sensor for aircraft hazard protection applications	1975
19760082896	Alpha/numeric extraction technique	1975
19760082897	Implementation of the passive automatic detection system	1975
19760082898	First article test report, relay control box - P/N 255E800 for the AQM -34 V RPV	1975
19760082899	SAM-D engineering development summary report, volume 1	1975
19760082902	Computer analysis of Lance XM811E5 electronic time fuze	1975
19760082903	Federal Republic of Germany Laboratory for Underwater Sound and Geophysics, Kiel, Germany	1975
19760082904	A system to automatically and quickly determine the location and identity of a submarine in distress	1975
19760082905	A detection algorithm for real-time optimization of the deployment of passive sonobuoy fields	1975
19760082906	Marine Tactical Command and Control System (MTACCS) system control requirements study	1975
19760082907	Radio set AN/TRC-97 modification	1975
19760082908	General methodology for performance evaluation of the Air Force Worldwide Military Command and Control System (AFWWMCCS). Volume 1: Executive summary	1975
19760082909	Cosmic ray bursts of 4 and 7 August 1972	1975
19760082910	Rotational forming of conical parts of varied thickness from flat welded sheet bars	1975
19760082911	BQM-34F operational suitability and effectiveness assessment	1975
19760082912	Time lapse movie analysis of equipment for rapid repair of bomb damaged runways	1975
19760082913	Mechanical impedance tests of prototype and model concrete arch aircraft shelters	1975
19760082914	Investigation of the absorption and scattering of millimeter waves in precipitation	1975
19760082915	The effect of the fuselage of a two-rotor helicopter of the transverse or longitudinal type on the determination of the blades of the carrying rotors for hovering conditions	1975
19760082916	Utility tactical transport aircraft system operational test 2: TDP for UTTAS OT2	1975
19760082917	Aerodynamic loads and separation trajectory tests on the GBU-15 (CWM) guided weapon with the F-11 aircraft at Mach numbers from 0.4 to 1.3	1975
19760082918	Catalogue of upper atmospheric research probes (gun and rocket launched) and balloon-borne instrumentation instrumented by the Ballistic Research Laboratories from 1956 through 1972	1975
19760082919	Research on energy, defense resources, and related technologies	1975
19760082920	Development of an avionics evaluation program for air-to-air mission analysis	1975
19760082921	Acceptance testing of piezoids by use of CAD-E	1975
19760082922	Engineering standardization notice (ESN-S-135) concerning publication of military specifications	1975
19760082923	Superlife airfoil development program	1975
19760082925	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1975
19760082929	Impulse noise measurement of operation of the SEU-3/A escape system for the TAV-8A airplane	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082930	Helicopter/aviation facility ship compatibility program, SH-3/CG-11 dynamic interface evaluation	1975
19760082931	Interim training requirements to support IECMS in-flight engine condition monitoring system in the A-7E aircraft	1975
19760082932	Report abstracts January thru December 1974	1975
19760082935	Microcirculatory responses to trauma	1975
19760082936	Design, assembly and installation of electronic control circuits for VM cooler drive motors	1975
19760082937	Manufacturing methods to produce high dielectric constant materials for microwave applications	1975
19760082938	ACMR evaluation summary AN/USQ-T2 (V)	1975
19760082939	Time-scale converter for digital spectral analysis of single pulses	1975
19760082946	Stability problems for linear hyperbolic systems	1975
19760082948	On stability in ideal compressible hydrodynamics	1975
19760082949	Monthly bulletin. Canadian upper air data, June 1975	1975
19760082950	Monthly record. Meteorological observations in Canada, 1 February 1975	1975
19760082951	An analysis of outrunning ground motions	1975
19760082952	Aviation medicine and flight	1975
19760082953	Fatigue performance and porosity in CM86 and 5556 alloy aluminum weldments	1975
19760082954	Steam catapult. Solid lubrication material study	1975
19760082956	Evaluation of ring locked boss plug for hydraulic systems	1975
19760082957	Evaluation of self pressurized spray units submitted by Crown Industrial Products Company	1975
19760082965	New structure materials for elements of jet engines	1975
19760082966	Determination of the influence of defects in spot welded joints by means of acoustic emission analysis	1975
19760082967	Evaluation of the beneficial effect of hydrogen on the deformability of the titanium alloy ST4	1975
19760082968	Structure, properties and application of intermetallic compounds (selected articles)	1975
19760082969	Mechanical properties of the industrial titanium alloys	1975
19760082970	Thermal response of woven and knitted fabrics in JP-4 fuel fire environment	1975
19760082972	Differential oil analysis by infrared absorption spectroscopy	1975
19760082973	Applications of magnetostrictive materials with rare earth additives to underwater transducers and other devices	1975
19760082974	Applications of magnetostrictive materials with rare additives to underwater transducers and other devices	1975
19760082975	Qualification test of Bendix Corporation fuel monitor fuse	1975
19760082976	Qualification test of Keene Corporation fuel monitor fuse	1975
19760082977	Advanced architecture and component technology. Volume 1: Executive overview	1975
19760082978	Advanced architecture and component technology. Volume 2: Analysis of data processing requirements	1975
19760082979	Advanced architecture and component technology. Volume 3: Technology compendium	1975
19760082980	Advanced architecture and component technology study results for ballistic missile defense advanced technology center	1975
19760082984	FEP teflon film, flat, unperforated and perforated aluminized	1975
19760082985	Multimegawatt-solid state switch	1975
19760082986	High-speed complementary metal-oxide-oxide-semiconductor/silicon on sapphire development	1975
19760082987	Silicon semiconductor replacements for use in flight deck communications system AN/SRC-22 V	1975
19760082988	A method of optimizing evacuation systems of extended vacuum chambers with a distributed gas load	1975
19760082989	Small linear electron accelerator for energy of MEV for industrial flaw detection	1975
19760082990	A method for high-accuracy accelerated computer of graph information	1975
19760082991	Controlling systems and machines (selected articles)	1975
19760082992	The effect of strobe signal form on the operating speed of a stroboscopic transformer based on a tunnel diode	1975
19760082993	Accelerate the development and introduction of automatic control systems	1975
19760082996	Computer-aided design of horizontally framed miter gates	1975
19760082997	Method of performing aircraft maintenance work in stages	1975
19760082998	Simulation model of the AN/TSQ-73-computer system, an application program/operating system/hardware interface APOSHI model, volume 1	1975
19760083001	Experiment on global terrain clutter analysis: The feasibility of identifying and classifying terrain clutter in the visible near infrared using satellite data, phase 2	1975
19760083002	Stationary launcher concept study	1975
19760083003	Architecture for a highly reliable parallel computer system	1975
19760083005	Individual Acceptance Test (IAT) test report for connector assembly-electrical cryogenic thru bulkhead P/N 55-01286-807 P/N 55-01286-805 P/N 55-01286-809	1975
19760083006	Evaluation of integrated flight control/weapon delivery functions for tactical data systems	1975
19760083007	Production assessment test report on transformers, power NOC, enclosed audio freq. NOC	1975
19760083008	Production assessment test report on semiconductor, special type of, matched silicon, planar epitaxial	1975
19760083012	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1975
19760083013	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1975
19760083016	Service life evaluation program report (H038-A2C) February 1975	1975
19760083019	Development of corrosion resistant surface treatments for aluminum alloys for spot-weld bonding	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083020	Operational evaluation of the NEDS-1 (Naval Environmental Display Station)	1975
19760083021	Inter-platform alignment system	1975
19760083022	High-power transistors	1975
19760083023	Appraisal of the Woodenman and recommended plan for DOD high order language requirements	1975
19760083024	Terminal warning sensor	1975
19760083025	Advanced effort in inference tools	1975
19760083026	Software requirements engineering methodology notebook	1975
19760083028	The use of baseball traps for dense high-temperature plasma confinement	1975
19760083029	Direct Z-pinch-linear fusion system	1975
19760083030	Technical gas dynamics (sections 6-7, chapters 10 and 12)	1975
19760083031	Metagauss thermonuclear device with a three-dimensional accumulating liner and a closed magnetic configuration	1975
19760083032	Continuation of evaluation of functional characteristics of phosphors used in the manufacture of radioluminous sources as potential quality assurance factors in military specifications	1975
19760083033	Magnus and roll-damping characteristics of the fixed-fin and inflatable stabilizer retarder configurations of the MK-82 store at transonic speeds	1975
19760083034	In-bore measurement of projectile acceleration and base pressure using an S-band telemetry system	1975
19760083036	Proceedings of the Annual Conference on Infrared Laser Window Materials (4th)	1975
19760083037	A comparison of cratering effects for lead azide and PETNA explosive charges	1975
19760083038	Chemical laser systems	1975
19760083039	Preliminary design concept and budgetary cost for minute melter and continuous melter automated control systems	1975
19760083040	Engineering assessment of the hazard potential from accidental initiation of pyrotechnic compositions in typical processing equipment	1975
19760083041	HUSSAR SWORD series, Hybla fair event measurement of the plasma jet within the LOS pipe	1975
19760083042	Supersonic continuous wave carbon monoxide discharge laser technology	1975
19760083043	Evaluation of fixed base tracking simulation (EXPO 4)	1975
19760083044	Improvement of ballistic uniformity of cartridge, 81mm, He, M374A2 and M374A-2E1	1975
19760083045	Acoustic surface wave devices for visible and infrared imaging	1975
19760083046	Baseline Demonstration Laser (BDL) refurbishment/spares	1975
19760083048	Evaluation test plan for tantalum electrolytic capacitors to MIL-C-39006/09	1975
19760083049	Evaluation test plan for tantalum electrolytic capacitors to MIL-C-39006/09	1975
19760083051	Qualification of a 50 watt silicon p-n-p power transistor	1975
19760083053	Production assessment test report on resistor, fixed, carbon film, NOC ceramic, .25 - .50 watt	1975
19760083066	Advanced air defense demonstration system. Volume 1: Technical description (U)	1975
19760083069	A WARF around-the-clock surveillance test in support of PRS technology development (U)	1975
19760083072	Thermal balance analysis of AMOS data (U)	1975
19760083082	Tactical Airborne Ocean Surveillance (TAOS) sensor requirements study (U)	1975
19760083087	A 360 deg search and track radar system study. Volume 2: Appendices (U)	1975
19760083102	Analysis of field test data of advanced emitter identification (AVID) equipments (U)	1975
19760083109	TV imaging sensor/laser countermeasure (U)	1975
19760083116	EMC analysis of EC-135C airborne command post with AFSATCOM earth station (U)	1975
19760083118	RPV backscattering measurements (U)	1975
19760083123	Use of total radiation properties of gases	1975
19760083124	Formation of barriers to chromium diffusion during vapor deposition of gold films	1975
19760083125	Cylindrical flywheel energy storage system	1975
19760083127	Compilation of boron carbide design support data for LMFR control elements	1975
19760083128	Gamma heating rates in FTR europa control assemblies	1975
19760083130	High temperature ultrasonic transducers for in-sodium service	1975
19760083132	The rain erosion characteristics of Concorde. Part 3: Flight trials in Singapore, operation Da Yu	1975
19760083151	Optical communications systems developed by the Naval Underwater Systems Center, New London Laboratory	1975
19760083152	RF on-board Radar Radiation Receiver (RRR). Annex E: Radiation hardening	1975
19760083153	RF on-board Radar Radiation Receiver (RRR). Annex F: System calibration	1975
19760083156	Advanced multipurpose surfacing system	1975
19760083157	Institute for Defense Analyses ground-air model 1 (IDAGAM 1). Program maintenance manual, part 2	1975
19760083158	AH-1Q improved cobra agility and maneuverability, follow-on evaluation (ICAM, foe)	1975
19760083159	Post DT/OT-1 engineering test of REMBASS classifying sensors	1975
19760083160	A digital computer program for the simulation of an air defense interceptor missile system	1975
19760083161	Test and evaluation directorate's support to the TOW project office, FY 1975	1975
19760083162	Improved Hawk survivability primer	1975
19760083163	Low power high density MOS arrays for Army application	1975
19760083164	First article test report, auxiliary power control assembly-P/N 255 E012 for the AQM-34V RPV	1975
19760083165	Design of radiation hardened MNOS memory	1975
19760083166	Development of improved core splice adhesives	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083168	Development of a ten-channel 30-to-76 MHz multicoupler for the Marine Corps LVTC7 command amphibious tractor	1975
19760083169	Production assessment test report on coils, inductance, fixed, 30-300 kHz, 2-10 watts, 1-30 volts, ferromagnetic, encapsulated	1975
19760083170	Production assessment test report on transformer, power NOC, enclosed 3-30 kHz	1975
19760083174	Production assessment test report on coils, inductance, fixed, 3-30 kHz, 10-100 watts 30-109 volts, ferromagnetic, encapsulated	1975
19760083175	Production assessment test report on capacitor, fixed, electrolytic, tantalum, solid hermetically sealed, lead mount, contractor hi-rel.	1975
19760083176	Production assessment test report on resistor, fixed, metal film, precision, molded, .05-.10 watt	1975
19760083179	Product assessment test report on relays, latching, 10 to less than 20AMP, hermetically sealed, 4 PDT	1975
19760083182	NAVSTAR global positioning systems special studies and engineering program. Volume 2: Generalized cross-correlation properties of GPS codes in cases of differential doppler shifts. GPS/ trident code design	1975
19760083183	NAVSTAR global positioning systems special studies and engineering program. Volume 3: Task 2, direct acquisition study. Task 3, manpack study	1975
19760083184	Methodology investigation of effects of high altitude upon ammunition during transportation by aircraft	1975
19760083185	Oscura peak tracker investigation and comparison series optics evaluation	1975
19760083186	Operational Test 2 (OT 2) of the Tactical Landing System (TLS) with Special Test Equipment (STE)	1975
19760083187	Description of Radar Van PS-171/R. Part 1: (M3330-017131)	1975
19760083189	Transonic flight dynamics of long shell	1975
19760083190	The effect of a sub-caliber cylindrical after body on the behavior of spin-stabilized projectiles	1975
19760083191	Rain backscatter measurements and theory at millimeter wavelengths	1975
19760083192	Manufacturing methods program for X-band TR limiter	1975
19760083193	Coat measurements and analysis	1975
19760083194	Qualification test report cartridge, gas generator, electronic battery	1975
19760083195	The Cesium beam frequency standard for the navigational technology satellite number 2	1975
19760083196	ASQ-81 towed MAD support	1975
19760083197	Maintainability demonstration and interrogator set AN/UPX-28(V) and transponder set AN/VPX-28(V)	1975
19760083198	A1/10 scale pilot plant for the ecological demilitarization of MK 24 and MK 45 aircraft parachute flares	1975
19760083199	Fast cook-off characteristics of air-launched in-service weapons. Summary report of fast cook-off times, reactions, and hazards of bombs, rockets, aircraft guns, and air launched missiles	1975
19760083200	Evaluation of the hot-corrosion resistance of duplex coatings containing sputter-deposited platinum	1975
19760083201	Determination of field capability of primary lithium organic electrolyte batteries and non-reserve zinc-air batteries	1975
19760083202	Fuel cells with the fuel dissolved in the electrolyte	1975
19760083203	Strontium lead and boron free glazes and their commercial application	1975
19760083204	Search and rescue communications. Global Rescue Alarm Net (GRAN)	1975
19760083207	Methodology investigation of test measurement tolerances for generator sets	1975
19760083208	A study of the interaction between the matrix phase and strengthen elements of fiber-reinforced materials	1975
19760083209	Development of a minimechanics model for 3-D C/C materials	1975
19760083210	Toughness properties of HY-130 steel forgings	1975
19760083211	SEEK SKYHOOK clutter measurements	1975
19760083212	Comparative evaluation of SAR data	1975
19760083213	Multipath measurements, phase 2 (1975)	1975
19760083214	Fatigue studies of materials for torpedo ejection pump shafts	1975
19760083216	New bonding systems for depot maintenance of aircraft honeycomb structures. Part 1: Preliminary evaluation of ten structural adhesives	1975
19760083217	Non-specular coatings	1975
19760083218	The carbon carbon assessment program	1975
19760083219	Coating research: Tensile testing procedure and its application	1975
19760083220	Multidirectional reinforced carbon-carbon composites for re-entry vehicle applications. Part 4: Material evaluation in ablation	1975
19760083221	Mechanical equation of state for 20-degree carbon phenolic	1975
19760083222	CPE study report, MACIMS systems 4 and 5	1975
19760083223	Silver-zinc battery investigation inorganic separators in 4000 ampere-hours cells	1975
19760083225	Digital microcircuits inter-reliability verification seal test, for state P/N 349-113-219, 208, 229 and -231	1975
19760083226	Microwave power combinatorial development. Task 1: 10GHz amplifier combiner	1975
19760083227	Development of an Airborne High Resolution TU System (AHRTS)	1975
19760083228	VHF slot antennas on tanks	1975
19760083229	Evaluation criteria and exhaust gas connection designs for mechanical energy accumulators in transport vehicles	1975
19760083230	Statistical herald (selected articles)	1975
19760083231	The development of antenna systems for space vehicles	1975
19760083232	Flight measurement of aircraft antenna radiation patterns	1975
19760083233	Development test 3 of generator set, 60-KW, 50/60Hz, trailer mounted, PU 650 B/G	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083237	ML-101 thermal control coating spaceflight experiment	1975
19760083238	Two kilowatt long life battery	1975
19760083239	Microcircuit, 8-bit, bidirectional shift register	1975
19760083240	Microcircuit TTL, quadruple 2-input positive-OR gates (5432)	1975
19760083241	First article test report. Volume 1: The 3340-8010 A and C band antenna subsystem	1975
19760083242	Qualification report on dual line driver L537 000 231	1975
19760083243	Qualification report on digital-to-analog converter T537 017 100	1975
19760083244	Qualification report on analog-to-digital converter L537.000 230	1975
19760083245	Test report computer logic element HPR0M 1024. Microelectronic circuits	1975
19760083246	Flight evaluation of a head-up display with real-world overlay for instrument approach and landing of V/STOL aircraft	1975
19760083247	Qualification of aerospace P/N'S701615-2 and 701615-4 power monitors	1975
19760083248	Production assessment test report on filters, electrical, low pass, radio freq. NOC, fixed	1975
19760083249	Analysis of HF vertical log-periodic antenna groundscreens	1975
19760083250	HF, high power, directional rotary-wing aircraft antenna: Engineering test-plan	1975
19760083252	Manufacturing methods for MOS-FET bipolar integrated circuits	1975
19760083255	High thermal conductivity microwave substrates	1975
19760083260	Twenty mm linkless loader for A-7 aircraft	1975
19760083261	Field simulation endurance test of the L-141 engine	1975
19760083262	A static structural analysis of various major component joining designs for the 8-inch guided projectile	1975
19760083263	The Bilibino power plant in the context of the Soviet Union's power supply	1975
19760083264	Using pneumatic punches for laying armored cables and asbestos-cement pipelines by the trenchless method	1975
19760083265	EDP installation for intensifying production and rationalization of control and planning	1975
19760083266	A study of potential techniques for increasing jet entrainment rates in ejector augmenters	1975
19760083267	Post3D: A three-dimensional self-consistent close-in EMP coupling code	1975
19760083268	Investigation of non-axisymmetric nozzles installed in tactical aircraft. Volume 1: Study results	1975
19760083269	Qualification test report epoxy resin trifunctional	1975
19760083271	Index of US Naval aircraft, air-launched guided missiles, and their propulsion systems	1975
19760083272	Surface field measurements on a scale model B-1 aircraft	1975
19760083273	Barrier element	1975
19760083274	Long life monopropellant design criteria (5 LBF thrust size)	1975
19760083278	Comparison of digital and analog processing when detecting signal against a noise background	1975
19760083279	Digital treatment of pulse signals in the presence of correlated noise	1975
19760083280	Storage batteries for new geodetic equipment	1975
19760083281	Production model of the AN/VVG-1 laser rangefinder for the sheridan vehicle M551-A1, October 1975	1975
19760083282	Drilling operations Eniwetok Atoll during project EXPOE	1975
19760083283	Long-period motion effects on Service Test Model-Azimuth Laying Set STM-ALS gyrocompassing. MINUTEMAN silo motion study, Hill AFB, Utah, 1974, volume 2 (U)	1975
19760083287	Flying qualities technical evaluation of the F-14A airplane (U)	1975
19760083291	Airborne Infrared Target Signature Measurements (AITSM) missile temperature profiles (U)	1975
19760083292	Advanced air defense demonstration system. Volume 2: Program plan and projected cost estimates (U)	1975
19760083293	Broadband visible and infrared extinction tests of dyed microemulsion and plastic aerosols (U)	1975
19760083294	Direct drive testing of B-1 subsystems (U)	1975
19760083295	Radiometric area correlation flight test (U)	1975
19760083296	Antitank beamrider study (U)	1975
19760083297	Ground Laser Locator Designator (GLLD) vehicles mounted tracking test (U)	1975
19760083302	Engine systems ownership cost reduction in Aircraft Propulsion Subsystems Integration (APSI), volume 1 (U)	1975
19760083303	Advanced digital image correlation (U)	1975
19760083305	Ship-launched harpoon targeting study (U)	1975
19760083308	Follow-on captive flight test of imaging infrared guidance units, volume 2 (U)	1975
19760083309	VHF-FM portion of the single channel ground and airborne radio subsystem concept formulation package. Executive summary (U)	1975
19760083310	VHF-FM portion of the single channel ground and airborne radio subsystem concept formulation package. Appendix 2: Tradeoff analysis (U)	1975
19760083311	VHF-FM portion of the single channel ground and airborne radio subsystem concept formulation package. Appendix 3: Best tactical approach (U)	1975
19760083312	Integrated tactical communications system study. Task 7: Implementation plan. Appendix A: System requirements (U)	1975
19760083315	Development of personnel and training requirements for the TA-7C aircraft (U)	1975
19760083318	Hellfire technical test program flight test summary (U)	1975
19760083324	Studies for utilizing the S-lambda channel of the post-rosette seeker (U)	1975
19760083325	The vulnerability of the Soviet SNAPPER antitank guided missile to single steel fragments (U)	1975
19760083326	Hazard evaluation of the PAVE SPIKE laser system (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083327	Third generation 0.9 micron 18mm wafer image intensifier tube (U)	1975
19760083330	Third generation 0.9 micron 18mm wafer image intensifier tube (U)	1975
19760083333	A summary of SAM-D sensor simulation support for FY75 (U)	1975
19760083335	Propulsion review. Part 4: Airbreathing propulsion research and development, October - December 1975 (U)	1975
19760083341	Report of the Army scientific advisory panel Ad Hoc group on utilization of intelligence (U)	1975
19760083349	Chaparral 1 kinematic boundary study (U)	1975
19760083351	Hellfire missile system concept formulation package (Hellfire CFP). Volume 2, part 2: Tradeoff determination (TOD)/tradeoff analysis TDA/Best Technical Approach (BTA) (U)	1975
19760083363	Two-color decoys: Effect of grain configuration and binder on flare performance (U)	1975
19760083367	Analysis of seismic signatures relevant to the GRASSHOPPER program (U)	1975
19760083369	Directive infrared countermeasures system (U)	1975
19760083375	EMC analysis of AWACS-safeguard and AWACS-AEGIS interactions (U)	1975
19760083381	Initial operational test and evaluation, Air Force satellite communications system (AFSATCOM) (U)	1975
19760083382	Tactical TERCOM guidance system study (U)	1975
19760083385	HF emitter location using time difference of arrival (U)	1975
19760083390	IRCM simulation study. Volume 2. Decoy study (U)	1975
19760083391	IRCM simulation study. Volume 3. Deception jamming (U)	1975
19760083396	Earthshine measurements for target radiance predictions (U)	1975
19760083411	Product Improvement Test (PIT) of Chaparral 1, Part 1 (U)	1975
19760083416	Passive microwave imaging through Radiometric Random Antenna Synthesis by Processing (RRASP) (U)	1975
19760083418	SAFEGUARD-EMP/RFI lessons learned. Volume 2, part 1: PAR site EMP test. Main report, Appendix A: Description and analysis of internal and external electric and magnetic fields (U)	1975
19760083422	An analysis of reentry wake velocities at low altitudes (U)	1975
19760083439	Boost measurements and analysis program. Volume 2: High-altitude exhaust plume phenomenology and effects on radar signals	1975
19760083451	Interstellar Na I and Ca II absorption in intercloud regions	1975
19760083467	GEOS-C satellite	1975
19760083468	Hydrogen maser program	1975
19760083470	Project magnet gravity system	1975
19760083471	PRN modifications	1975
19760083472	MINDAC computer software development	1975
19760083473	Loran-C group/phase test	1975
19760083474	Surface towed array sonar system	1975
19760083475	Continuous sensor cooling in space	1975
19760083477	Wraparound surface study	1975
19760083478	Folding aerodynamic surfaces	1975
19760083479	Preliminary performance estimates for silicon nitride and beryllium	1975
19760083480	Laser effects studies	1975
19760083483	Combustor/through-duct length variation in a fixed length hypersonic engine	1975
19760083485	Wideband array antenna system	1975
19760083486	External burning analysis	1975
19760083487	Delta planform RPV target	1975
19760083490	Electron transfer luminescence in solution	1975
19760083491	Electron spin resonance study of the initial steps in the photodecomposition of n-butyl iodide	1975
19760083492	Parametric sonar	1975
19760083494	Arctic surface effect vehicle program	1975
19760083495	The 95 GHz radar noter program	1975
19760083496	Continuous sensor cooling in space	1975
19760083497	Copper Sulfide/cadmium sulfide solar cells	1975
19760083498	Polysulphide sealants	1975
19760083499	NAVSTAR global positioning systems special studies and engineering program. Volume 1: GPS/SAC bomb scoring system evaluation	1975
19760083500	The Army/MMC second- and third-stage Pershing 2 missile study at Mach numbers from 1.5 to 8	1975
19760083501	Advanced labyrinth seal development program	1975
19760083502	Effect of neutron radiation on the vaporization of ammonium perchlorate: A combustion related process	1975
19760083503	The influence of the terrain upon the radiation diagram of broadband antennas in the frequency region of 33-75 MHz	1975
19760083504	Calculation of cryogenic pumping of directed gas flows by spherical and cylindrical surfaces	1975
19760083505	Chemical relaxation in the nozzles of jet engine	1975
19760083507	YF-16 lightweight fighter prototype program final flight test report. Volume 4. Supplement 1, airframe structure	1975
19760083508	YF-16 lightweight fighter prototype program final flight test report. Volume 3, supplement 1: Stability and flight control	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083509	YF-16 lightweight fighter prototype program final flight test report. Volume 1, supplement 1: Introduction and flight test program summary	1975
19760083511	Joint EMP Technical Meeting (NEM 1973): Proceedings. Volume 6. System-level considerations, selected topics, and papers not presented	1975
19760083512	Joint EMP Technical Meeting (NEM 1973): Proceedings. Volume 5. Hardening technology	1975
19760083513	Joint EMP Technical Meeting (NEM 1973): Proceedings. Volume 4. Simulation technology	1975
19760083514	Joint EMP Technical Meeting (NEM 1973): Proceedings. Volume 3. Interaction and coupling	1975
19760083515	Joint EMP Technical Meeting (NEM 1973): Proceedings. Volume 2. Instrumentation	1975
19760083516	Microcircuit, 4-Bit arithmetic logic unit	1975
19760083517	Bulk complementary metal-oxide-semiconductor technology	1975
19760083518	C-band solid-state power amplifier	1975
19760083519	Radiation hardened MOS voltage comparator	1975
19760083520	Microcircuit, linear	1975
19760083521	Broadband MIC FET amplifier	1975
19760083522	UHF antenna combiner (Navy Science Assistance Program (NSAP), Project Mine 1-75)	1975
19760083523	EC-130G/Q TACAMO wing-tip antenna pod flight clearance evaluation	1975
19760083524	AV-8B trade study number 29. Aircraft primary electric power	1975
19760083525	De-potting of type RC4531 plastic molded integrated circuits	1975
19760083526	ETS oscillator qualification testing on oscillators and signal generators, electronic, 3-30 KHz	1975
19760083527	Millimeter-wave integrated circuits	1975
19760083528	Volume and norms for testing electrical equipment (selected portions)	1975
19760083530	One technique of stabilizing the quantizing threshold	1975
19760083531	YF-16 lightweight fighter prototype program final flight test report. Volume 5. Supplement 1, airframe subsystems	1975
19760083532	Dynamics of fuel systems of ZHRD (ZHRD-liquid propellant rocket engine)	1975
19760083533	A new effective method of dynamic contact problem solution	1975
19760083534	Effect of condensed phase particle size on the radiation characteristics of an absorbing and scattering medium	1975
19760083535	The problems of dense plasma confinement and heating in a multimirror magnetic trap	1975
19760083536	Plasma instability in high current arc discharges under the influence of the natural magnetic fields of currents	1975
19760083537	On the repair of the rotor blades of the turbines of aviation GTD gas-turbine engine, which have band flanges	1975
19760083538	Classification of aircraft engines	1975
19760083539	YF-16 lightweight fighter prototype program final flight test report. Volume 9. Part 2A, maintainability	1975
19760083540	YF-16 lightweight fighter prototype program final test report. Volume 9. Part 1A, reliability	1975
19760083542	YF-16 lightweight fighter prototype program final flight test report. Volume 6. Supplement. 1, avionics	1975
19760083544	Compilation of ultimate tensile property data for several propellants	1975
19760083545	Aftbody throttle-dependent performance of subscale twin and single engine fighter configurations	1975
19760083546	Navy Titan product support program	1975
19760083548	Turbine fuel tolerance study	1975
19760083549	AV-8B inlet development static and low speed test program	1975
19760083550	Large displacement single-cylinder Texaco controlled-combustion system engine, phase one of program	1975
19760083551	Aircraft engine emissions catalog	1975
19760083552	MI-12, the world's largest helicopter	1975
19760083553	Reliability of airframe of aircraft	1975
19760083554	Economics of the utilization of helicopters in a rural economy	1975
19760083555	Aviation and cosmonautics (selected articles)	1975
19760083556	Vulnerability of the TF30-P-1 turbofan engine to fuel ingestion	1975
19760083557	Burning rated of double base solid propellants in spinning rocket motors	1975
19760083558	Material failure criteria for use in shell response codes	1975
19760083559	Hydrofluidic fly-by-tube primary flight control system, phase 2	1975
19760083561	An automatic landing system for shipboard recovery of mini-RPV's	1975
19760083563	Evaluation of advanced structural materials application in the AV-16A harrier V/STOL aircraft	1975
19760083564	Preliminary hazard analysis, AV-8B aircraft	1975
19760083565	Procurement specification for AV-8A and TAV-8A harrier aircraft cabin pressure controller	1975
19760083566	Procurement specification for artificial horizon	1975
19760083568	UH-1N production automatic flight control system	1975
19760083570	Vibrations and stability of a helicopter with a two-blade main rotor	1975
19760083571	Study of metal Teflon bearings in the lifting rotor of a helicopter	1975
19760083572	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1975
19760083573	Manufacturing methods for radiation-hardened multiple IC chip package	1975
19760083574	On the handling of random functions and sequences in physical geodesy	1975
19760083577	Analysis of irregularities in the Earth's rotation, 1956 - 1973	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083578	The effect of muzzle jet asymmetry on projectile motion	1975
19760083581	Comparison of military and commercial design-to-cost aircraft procurement and operational support practices	1975
19760083586	Finite element modeling of Army electronic equipment shelters	1975
19760083589	Calculation of the ignition limit of a boron particle	1975
19760083590	Sanguine testing studies	1975
19760083592	Decade of automation in cartography	1975
19760083593	Design considerations for radar tracking in clutter	1975
19760083594	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1975
19760083595	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1975
19760083597	Connectors, electrical	1975
19760083602	Microwave tube reliability	1975
19760083605	Evaluation of TRW 300 LBF hydrazine thruster	1975
19760083606	Space test program standard satellite attitude control and determination study	1975
19760083607	Burner 2 interim upper stage system study. Volume 2: Technical volume	1975
19760083610	Factory acceptance and extended tests of LOOK SEA underwater viewing system	1975
19760083613	Long period motion effects on service test model-azimuth laying set STM-ALS gyrocompassing. Minuteman silo motion study, Hill AFB, Utah, 1974, volume 1	1975
19760083614	Development test 3 of tower AB-585()/G	1975
19760083620	Flight test evaluation of a digital multimode flight control system for the A-7 D aircraft. Volume 1: Design, analysis and ground test phase	1975
19760083626	Reserve energizer EX-41 mod o	1975
19760083627	Remotely piloted vehicles experimental system, task description, definition phase	1975
19760083628	Materials and their effect on the major characteristics of helicopters	1975
19760083629	Computerized Accommodated Percentage Evaluation (CAPE) model for cockpit analysis and other exclusive studies	1975
19760083631	Continuing CV conceptual design. Volume 3: Appendix E: Proposed US Navy ship space classification manual (modified)	1975
19760083633	A bibliography of reports for the Navy Nuclear Weapons Effects (NWE) program, fiscal year 1975	1975
19760083635	Evaluation of the lethality of the XM-251 non-nuclear Lance warhead against light material targets. Volume 2: Assessment and analysis of damage to target (U)	1975
19760083640	Communication facility EMP response, prediction capacity (U)	1975
19760083646	AFWL/Optics (U)	1975
19760083648	Automatic cardioid formation for DIFAR systems (U)	1975
19760083650	Middle ultraviolet: Some early data circa 1953 (U)	1975
19760083651	PCDE propellants for ballistic missiles (U)	1975
19760083657	Multispectral line scan sensor (U)	1975
19760083658	Study of wideband microwave electron bombarded semiconductor amplifiers. Appendix 1: Analysis of distributed EBS amplifier (U)	1975
19760083665	Shrouding techniques study, volume 1 (U)	1975
19760083682	HELTADS operational effectiveness study (U)	1975
19760083692	A simplified model of a frequency agility coherent radar (FACOR technique) (U)	1975
19760083696	Aircraft detection using satellite-borne laser radar: A technical feasibility study (U)	1975
19760083718	Electronic warfare joint test, phase two status report (U)	1975
19760083750	Stabilization of the friction and wear of carbons by additives. Part 1: Graphitic carbons	1975
19760083752	Twelfth JANNAF Combustion Meeting, volume 1	1975
19760083753	Black powder: Combustion of particles and flame spread through charges	1975
19760083754	Spectroscopic investigation of the combustion of black powder	1975
19760083755	Differential thermal analysis study of black powder ignition	1975
19760083756	Heating and erosion sensing techniques applied to the eight-inch Howitzer	1975
19760083757	The role of additives in reducing gun barrel erosion	1975
19760083758	Gas flow and heat transfer in small arms weapons	1975
19760083759	The predictive capacity of models of interior ballistics	1975
19760083760	Predictions of vigorous ignition dynamics for a cartridge of solid propellant grains	1975
19760083761	Convective combustion modeling applied to deflagration-to-detonation transition	1975
19760083762	Numerical solution of three solid propellant combustion models during a gun pressure transient	1975
19760083763	Application of a flame spread model to design problems in the 155 mm propelling charge	1975
19760083764	Experimental studies of ignition and combustion in Naval guns	1975
19760083765	The influence of propelling charge configuration on gun environmental pressure-time anomalies	1975
19760083766	Propellant grain tailoring to reduce pressure wave generation in guns	1975
19760083767	Determining the dynamic burning rate of gun propellants using Dynagun ballistic simulator	1975
19760083768	The Hi-Lo bomb, a new device to evaluate the combustion propellants of energetic materials	1975
19760083769	The development of an interior ballistic model for automated continuous propellant production control	1975
19760083771	General Electric 25mm regenerative liquid propellant gun program	1975
19760083772	Analysis of the LPG combustion process	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083773	JANNAF performance prediction methodology	1975
19760083774	Flow and mixing in arrays of jets	1975
19760083775	Coaxial spray atomization in accelerating gas streams	1975
19760083776	A generalized model for coupled instability	1975
19760083777	Dependence of coaxial gaseous injector response factors upon injector geometry	1975
19760083778	The important ingredients for self-sustained unsteady combustion	1975
19760083779	Theoretical evaluation of rigid baffles to suppress combustion instability	1975
19760083780	The effect of nozzle nonlinearities upon the nonlinear stability of liquid rockets	1975
19760083781	Unsteady operation of combustion systems (panel discussion, mini-workshop)	1975
19760083782	Advanced reactants combustion study	1975
19760083783	Liquid and gaseous reactants for advanced chemical lasers	1975
19760083784	Reaction of NF ₃ with gases and condensed matter	1975
19760083785	Pressure damping for pulsed electric discharge laser	1975
19760083786	Condensed-phase fuel studies for gas dynamic lasers	1975
19760083787	Solid based gas generators for DF chemical lasers	1975
19760083788	Solid hydrogen/deuterium gas generators for chemical lasers	1975
19760083789	Twelfth JANNAF Combustion Meeting, volume 2	1975
19760083790	Computer programs for solid rocket motor stability predictions	1975
19760083791	Progress in resolving T-burner uncertainties using cold gas acoustic tests: Part 2. Mean flow effects	1975
19760083792	Prediction of the acoustics of solid propellant rocket combustors by integral techniques	1975
19760083793	Approximate analysis of nonlinear unstable motions in combustion chambers	1975
19760083794	Investigation of nonlinear combustion instability in solid-propellant rocket motors by approximate analytical techniques	1975
19760083795	Further development of the rotating valve for combustion response measurements	1975
19760083796	Determination of the acoustic responses of solid propellants by the impedance tube method	1975
19760083797	Pressure-coupled combustion response associated with end and side-burning samples in a T-burner	1975
19760083798	Anomalous behavior of T-burner data	1975
19760083799	High frequency combustors for combustion response measurements	1975
19760083800	T-burner simulation of motor acoustics	1975
19760083801	Combustion instability studies using metallized solid propellants: Part 1. Experimental verification of particle damping theory	1975
19760083802	Combustion instability studies using metallized solid propellants: Part 3. Characteristics of particulate metal oxide residues in T-burners	1975
19760083803	Structural damping in solid propellant rocket motors	1975
19760083804	Pulsed Bates testing and analysis	1975
19760083805	Design of a smokeless solid rocket motor emphasizing combustion stability	1975
19760083806	Ignition and combustion of zirconium particles used in solid propellant formulations	1975
19760083807	Combustion efficiency studies of HMX-FFFO propellants	1975
19760083808	Mechanisms for the steady deflagration of double base propellants	1975
19760083809	The role of thermochemistry in HMX propellant burning	1975
19760083810	Review of erosive burning of solid propellants	1975
19760083811	Combustion phenomena of solid propellants containing NF ₄ (+) salts	1975
19760083812	Catalytic effects in composite solid propellant combustion	1975
19760083813	a porous plate burner to simulate the combustion of composite propellants	1975
19760083814	Ammonium perchlorate size effects on burn rate: Possible modification by binder type	1975
19760083815	Audible and ultrasonic acoustic emissions from composite solid propellants	1975
19760083816	Combustion of highly catalyzed propellants under conditions of rapid pressurization	1975
19760083817	Solid fuel ramjet flame stabilization and fuel regression studies	1975
19760083818	Modeling solid fuel ramjet combustion	1975
19760083819	Experimental investigation of a modified dump combustor	1975
19760083820	The effect of injector design on external burning of solid propellants in Mach 2 airstream	1975
19760083821	Turbulent axisymmetric base flow studies for external burning propulsion	1975
19760083822	Report on the workshop on the status of modeling the sudden expansion (DUMP) burner	1975
19760083827	Mare volcanism and lunar crustal structure	1975
19760083828	Lunar nightside electron fluxes	1975
19760083829	Applications of frequency standards	1975
19760083830	Do X-ray observations provide evidence for abundance anomalies in the interstellar medium?	1975
19760083833	An implicit adaptation algorithm for a linear model reference control system	1975
19760083835	On estimating thermal conductivity coefficients in the critical region of gases	1975
19760083837	Plasma kinetic processes in a strong dc magnetic field	1975
19760083838	LAGEOS	1975
19760083839	Active and passive remote sensing of the atmosphere	1975
19760083840	Accuracy of site coordinates obtainable by a mobile lunar laser station	1975
19760083841	K-shell fluorescence yield of multiply ionized Ne	1975
19760083842	The distribution of redshifts of quasars and related objects	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083843	S8: A possible infrared and visible chromophore in the clouds of Jupiter	1975
19760083844	The theory of Enceladus and Dione. 3: The resonant Hamiltonian	1975
19760083845	Upper bound on neutrino cross sections	1975
19760083846	Radiative cooling of a low density plasma	1975
19760083847	Morphology of Arabidopsis grown under chronic centrifugation and on the horizontal clinostat	1975
19760083848	SNAP-27 mission assessment	1975
19760083850	The theory of Enceladus and Dione. 2: Equations of motion and nonresonant terms	1975
19760083851	Characterization of measurements in quantum communications	1975
19760083854	The effect of local magnetic fields on the lunar photo-electron layer while the moon is in the plasma sheet	1975
19760083855	On the lattice dynamics of metallic hydrogen and other Coulomb systems	1975
19760083856	The occultation of kappa geminorum by Eros	1975
19760083857	On the nature of the anti-tail of Comet Kohoutek (1973f). 2: Comparison of the working model with ground-based photographic observations	1975
19760083858	Boulder 1, Station 2, Apollo 17: Petrology and petrogenesis	1975
19760083859	Lunar granites with unique ternary feldspars	1975
19760083860	Infrared observations of the late-type stellar component of elliptical galaxies	1975
19760083861	DeSitter's theory melts Europa's polar cap	1975
19760083862	Perturbations of a close-earth satellite due to sunlight diffusely reflected from the earth	1975
19760083863	The ARAKS experiment 3. Low energy X-ray data	1975
19760083864	Biowaste monitoring system for shuttle	1975
19760083865	Numerical calculations of turbulent swirling flow	1975
19760083874	TOW thermal night sight evaluation (U)	1975
19760083875	CHAPARRAL target acquisition aid FLIR's (U)	1975
19760083878	Investigation of noise sources and paths contribution to the excessive cab noise levels in the LDT-465-1C powered M35A2 2 1/2 ton military truck	1975
19760083882	Complementary blending/disguise/decoy system for the OH-58 (Kiowa) helicopter, phase 1	1975
19760083884	Correlation study of the UH-1B helicopter blast test results from the Pre-Mine Throw 4 event	1975
19760083885	AV-8A vendor accession notice	1975
19760083890	Concept for simulation within the Tactical Air Control System (TACS)	1975
19760083891	Digital Signal transfer unit multisensor display system	1975
19760083894	Remote unattended ground sensor adaptive array antenna evaluation	1975
19760083895	Determination of uncertainty in vulnerability analysis/damage assessment models	1975
19760083896	C-5 air-to-air TACAN feasibility study	1975
19760083898	Nuclear vulnerability of thermal protection materials. Part 4: Electron beam tests to determine the response of 3-dimensional carbon-phenolic composites	1975
19760083899	Predictions of flamespreading and pressure wave propagation in propellant beds	1975
19760083900	DIN simulator	1975
19760083901	Application of advanced technologies and engineering techniques to improvements in indirect fire training	1975
19760083905	USACC-PTC automated message processing objective system	1975
19760083907	Developmental test of the Honeywell Laser Inertial Navigation System (LINS)	1975
19760083908	Evaluation of GPS tactical missile guidance	1975
19760083911	Richmond Air Force Station strong motion study, preliminary report	1975
19760083913	Development of an impuse control steering system	1975
19760083915	Strapdown inertial reference applications in shipboard digital fire control systems	1975
19760083918	Space communications	1975
19760083921	Concept of operations for an Analytical Photogrammetric Positioning System (APPS)	1975
19760083922	F-100D VOR/ILS evaluation flight test report	1975
19760083926	Study of lightweight alternatives to the XM132 remote set subsystem	1975
19760083927	The effect of temperature conditioning on stability and sensitivity characteristics and the chemical composition of M1 and M6 propellants manufactured with crude or refined divitrotoluene	1975
19760083928	IMCO/FAO/UNESCO/WMO/WHO/UN joint Group of Experts on the Scientific Aspects of Marine Pollution (GESAMP), report of the 7th session	1975
19760083930	Production assessment test report on relays, latching, 2 amps hermetically sealed, DPDT	1975
19760083931	Partial spectrum signature and selected EMC measurements on radio set AN/URC-80(v)5	1975
19760083932	Shelf life test program for the TOW missile	1975
19760083933	Infrared-white searchlight for APC's designation: BSW-301/150W (Tech specs). (TDv 5855/010-13 and TDv 5855/006-12)	1975
19760083934	Operational test terminal, tactical satellite communications, AN/MSC-59, 1/4 ton trailer mounted and AN/TSC-85 V1/V2, 1-1/4 ton truck mounted	1975
19760083935	Program for radiation effects in infrared sensors	1975
19760083936	Flight evaluation of the AN/USC-28 ADM PN modem	1975
19760083937	Infrared sensor readout design	1975
19760083938	Basic capabilities development, report for fiscal 1974	1975
19760083939	Pulse noise reduction on voice communication circuits	1975
19760083940	First article testing of radio set AN/PRC-75(A)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083941	Computer assisted simulation of electromagnetic sensors	1975
19760083942	Harpoon weapon systems tests on A-6, A-7, P-3 and S-3 airplanes	1975
19760083943	ETAS minimum detectable level experiment, OR-ing effects (U)	1975
19760083945	High altitude EMP sources from 1 to 100 microseconds (U)	1975
19760083946	Experimental aerodynamic and aerothermodynamic investigation of a Mach 3 to 6 flight test vehicle configuration (U)	1975
19760083954	High power parallel pulsed TWT amplifier (U)	1975
19760083957	Demonstration of upgraded HTPB propellants (U)	1975
19760083977	WEPH 6: A FORTRAN code for the calculation of ionization and electromagnetic propagation effects due to nuclear detonations. Volume 1: User's manual (U)	1975
19760083990	Inlet and ramburner freejet and transition tests. Part 2: Flight type exit nozzle thermal protection evaluation (U)	1975
19760083995	Laser beamrider field test investigation. Volume 1: Sections 1 through 5 (U)	1975
19760083996	Laser beamrider field test investigation. Volume 2: Sections 6 through 8 and appendices A through C (U)	1975
19760083999	CCD matrix FLIR system (U)	1975
19760084004	Evaluation of GPS tactical Missile guidance, Addendum (U)	1975
19760084009	Out-of-line-of-sight design alternatives for a mini-RPV weapon system (U)	1975
19760084010	Passive sonar targeting of submarine-launched harpoon (U)	1975
19760084011	Airborne power systems analysis (U)	1975
19760084017	ROLSIM intercept studies (U)	1975
19760084018	Air defense RF seeker investigation (U)	1975
19760084020	Exploratory development and investigation of carbon-carbon composite materials having improved hypersonic particle erosion resistance (CHIP), Carbon Hypersonic Impact Program. Volume 3. Particle erosion model and correlations (U)	1975
19760084046	Dual mode recognizer advanced development program. Volume 2: Technical discussion (U)	1975
19760084047	Dual mode recognizer advanced development program. Volume 3: Studies (U)	1975
19760084052	Experimental acoustic backscattering from stiffened circular cylindrical shells (U)	1975
19760084079	Command arm/disarm system (U)	1975
19760084089	Tabulated characteristics of a proposed 2 degree fundamental observer	1975
19760084090	Mid-infrared laser target designator study MIR-LTD, phase 2	1975
19760084096	Investigation of turbulence spectra measurements with a laser velocimeter	1975
19760084097	ESOP (Energy Systems Optimization Program): Its description and comparative analysis	1975
19760084107	Finite time zero-error control for linear continuous time systems via delay feedback	1975
19760084108	Lamination residual stresses in fiber composites	1975
19760084109	Thermomagnetic analysis of meteorites. 3: C3 and C4 chondrites	1975
19760084115	Effect of neutron irradiation on military-grade ammonium perchlorate	1975
19760084116	Hot gas test fixture with minimized end restraints for rapidly pressurizing anisotropic tube type structures	1975
19760084117	Testing of anti-armor devices	1975
19760084118	A learning curve type equation predicting residual velocity	1975
19760084120	Tests of hexane and petroleum ether 60/80 as a camp stove fuel record of LT no. 504	1975
19760084124	Seminar on physics and chemistry of treating materials with concentrated energy fluxes	1975
19760084125	Seminar on the physics and chemistry of processing materials with concentrated streams of energy	1975
19760084130	HF.DF techniques investigation	1975
19760084134	Characterization of AMATEX-20	1975
19760084137	Production engineering measure for automation of multialkali photocathode processing	1975
19760084148	Production assessment test report on semiconductors, diode, rectifier, silicon, diffused, plastic	1975
19760084153	Provisional recommendations for a system of multiplex transmissions on buses aboard aircraft (second edition)	1975
19760084154	General characteristics of the contemporary systems of radio communication	1975
19760084155	TDMA for mobile subscribers intrabase communications	1975
19760084156	Passive sonar display studies, FY 1975	1975
19760084157	Squad radio, AN/PRC-68	1975
19760084158	Non-linear effects in sanguine antenna response to surface burst (EMP) excitation	1975
19760084159	VHF digital parallel processing array (DIPPA) direction-finding techniques	1975
19760084173	Production assessment test report on relays, instrument relay, 10 to less than 20 amp, hermetically sealed, DPDT	1975
19760084174	Production assessment test report on resistors, fixed, wirewound, precision, molded, .50 - 1 watt	1975
19760084176	Production assessment test report on resistors, fixed, wirewound, NOC, molded	1975
19760084177	Acclimatization to cold environment	1975
19760084178	Peculiarities of the circulatory reaction to combined hypoxia and cold	1975
19760084179	Computation of skin water loss owing to thermal stress evaluation	1975
19760084180	Contribution made by military technology to the development of materials	1975
19760084181	First prototype rifle laser marksmanship system, October 1975	1975
19760084182	Conceptual Forward Observer Vehicle (CFOV) Laser, Ft. Hood, Tex., 28 October 1975	1975
19760084184	Toxicological chemistry	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084185	Three-electrode electron gun for a linear accelerator	1975
19760084186	EMP-VPD pipe experiment, analytic predictions	1975
19760084187	Three-dimensional boundary layer research as applied to the Magnus effect on spinning projectiles	1975
19760084188	Fluidic extremum controller	1975
19760084190	Optoelectronic aspects of avionic systems 2	1975
19760084193	Optical processing of alkali halides and polycrystalline zinc selenide for high-power laser applications, part 2	1975
19760084194	J52-P-408 engine reliability test	1975
19760084198	Effects of high power laser radiation	1975
19760084199	Design feasibility study of an airframe integrated nozzle concept	1975
19760084201	Feasibility demonstration of a 5 lb thrust non-catalytic electrothermal hydrazine thruster	1975
19760084202	Anti-icing and component performance evaluation of the F101-GE-100 turbofan engine (S/N 470011/4)	1975
19760084203	US Army high energy laser test range technical information handbook	1975
19760084204	Experimental investigation of materials and adhesives for use in vacuum structures for laser applications	1975
19760084205	High energy laser mobile test unit laser cavity repair	1975
19760084206	Growth of fatigue cracks at a low stress level	1975
19760084207	Evaluation of Walter Kidde 300 LBF hydrazine thruster	1975
19760084210	Production assessment test report on semiconductor, diode, generator purpose, silicon, diffused, glass	1975
19760084212	Airborne pointing and tracking system low-power window	1975
19760084214	Production assessment test report on semiconductors, diode, voltage reference silicon, diffused glass	1975
19760084216	Modal wavefront control system (MOWACS)	1975
19760084217	Support of phases 2 and 3 of the shock-on-shock sled test program	1975
19760084218	Development of a fluidic pre-arming device	1975
19760084219	K-Rb laser pump lamp	1975
19760084223	Free flight rocket technology program: Aeroballistics directorate FY-75 activity report	1975
19760084224	Resonances in scattering of acoustic waves by spherical inhomogeneity of density	1975
19760084225	Practical aerodynamics of the Ka-26 helicopter	1975
19760084227	Stabilization of the superconducting magnetic systems, part 2	1975
19760084232	Microstructural relationships in 2-2-3 carbon reinforced carbon composites	1975
19760084234	Hot-corrosion behavior of newly developed gas turbine alloys and protective coatings	1975
19760084235	Applicability of glass reinforced plastic composites for fabrication of storage tanks for aqueous film forming foam concentrates	1975
19760084238	Development of high temperature addition: Cured adhesives	1975
19760084242	Advanced ablative heatshields for reentry missiles. Part 1: Low Recession/High Strength PIQ matrix fabrication study	1975
19760084243	Twenty years of activity in the central Research and Planning Institute of the silicate industry	1975
19760084244	Inhibitors for the protection of equipment against corrosion	1975
19760084245	A study of fracture mechanics for graphitic materials	1975
19760084246	High-temperature materials based on boron nitride	1975
19760084247	Structural steel	1975
19760084248	Effect of reinforcing elements on carbonation and structurization of phenofurine-formaldehyde resin	1975
19760084249	Application of aluminum alloys (chapter 4)	1975
19760084250	Determination of lubricant additives by thin layer chromatography and fluorescence spectroscopy	1975
19760084251	Graphite fibers from pitch	1975
19760084252	Phoenix booster thermal protection program	1975
19760084253	HARPOON structural firing test on board USS Sterett (CG-31)	1975
19760084254	Dynamic properties of towed array materials, part 2	1975
19760084256	Digital autopilot phase 4	1975
19760084257	Coordinate converter phase 5	1975
19760084258	Busy hour model	1975
19760084262	Production assessment test report on relays, instrument relay, 1 to less than 5 AMP, hermetically sealed, DPDT	1975
19760084263	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial	1975
19760084264	Production assessment test report on resistors, fixed, wirewound, NOC, molded, 1-2 watts	1975
19760084266	Manufacturing methods and technology for universal detector/dewar modules (U)	1975
19760084270	Third-generation tube development (U)	1975
19760084275	The 360-deg search and track radar system study (U)	1975
19760084276	Erosion phenomena and simulation (U)	1975
19760084278	The large hydrofoil advanced development program (U)	1975
19760084286	Shillelagh missile versus agile targets (U)	1975
19760084289	Dual mode recognizer advanced development program. Volume 1. Overall program description and results (U)	1975
19760084290	Infrared emission from low-altitude plumes: Comparison of predictions and observations (U)	1975
19760084298	Radar cross section measurements of the YF-16 air combat fighter (U)	1975
19760084301	Cross-polarized returns from ionized wakes behind hypersonic bodies (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084365	Satellite observables control system design study, volume 2 (U)	1975
19760084366	Satellite observables control system design study, volume 3 (U)	1975
19760084381	Adaptable HE communications system for use in a nuclear environment (U)	1975
19760084389	Production assessment test report on relays, instrument relay, 1 to less than 5 amp, hermetically sealed, DPDT	1975
19760084393	Production assessment test report on resistor, fixed, metal film, precision, molded or dipped, .05-.10 watt	1975
19760084394	Low cost manufacturing concepts of advanced composite primary aircraft structures	1975
19760084395	Automated directional solidification of superalloys	1975
19760084396	Systems evaluation of the YF-17 prototype aircraft, appendixes B and C	1975
19760084397	Studies of powder-air explosions and detonations	1975
19760084398	Low-frequency propagation effects for sources or receivers near the ocean surface	1975
19760084401	A parametric approach to weapons system prediction errors	1975
19760084402	Fluorine generator	1975
19760084403	Holographic lens testing instrument and computer holograms for testing large spherical and aspherical surfaces	1975
19760084406	Characteristics of the sidewall and floor boundary layers in BRL supersonic wind tunnel number 1	1975
19760084407	Hearing disorders due to pulsed noise	1975
19760084408	Method of producing a single crystal of ruby from a melt	1975
19760084409	A study of the characteristics of measuring elements of pneumatic systems	1975
19760084410	Principles of the thermal-emission conversion of energy (Chapter 6 and 7)	1975
19760084412	Burning rate studies of HMX propellants at high pressure	1975
19760084413	Advanced penetration problems program, volume 2	1975
19760084415	Er: YLF laser development	1975
19760084416	High energy laser beam director/expander module: MTU	1975
19760084417	Halide material processing for high-power infrared laser windows	1975
19760084418	Minutes of the Meeting of the Government Fluidics Coordinating Group (23rd)	1975
19760084419	Transmission of sound through the scaled ocean surface	1975
19760084420	Study of derivation conditions and properties of nitride and titanium carbide monocrystals	1975
19760084421	Comparative assessment of the Texas Instruments process design system	1975
19760084423	Production assessment test report on relays, latching, 1 to less than 5 amp, hermetically sealed, DPDT	1975
19760084424	Production assessment test report on semiconductors, special types of, field effects silicon, planar epitaxial	1975
19760084427	Production assessment test report on resistors, fixed, metal film, precision, molded .05-.10 watt	1975
19760084428	Production assessment test report on resistor, fixed, wirewound, NOC, molded 1 - 2 watt	1975
19760084429	Production assessment test report on resistor, fixed, wirewound, NOC, molded 2 - 10 watt	1975
19760084430	Production assessment test report on resistor, fixed, wirewound, precision, molded 2-10 watts	1975
19760084432	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1975
19760084433	Production assessment test report on resistors, fixed, metal film, precision, molded .05-.10 watt	1975
19760084434	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN planar metal can	1975
19760084435	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN planar, metal can	1975
19760084436	BMDATC reliable software study	1975
19760084437	Research plan for reliable software	1975
19760084439	Magnetic bubble memory	1975
19760084440	Special features of construction and technical characteristics of unified system of EVM-computer	1975
19760084446	Sonobuoy environmental test program	1975
19760084447	Polygrid route generator system program reports	1975
19760084448	VON simulator program reports	1975
19760084449	Study of functional requirements for demand assigned SHF TDMA modems	1975
19760084450	Hellfire technical flight test program executive summary and bibliography	1975
19760084451	STINGER road test	1975
19760084452	Dynamic stability of a uniform controlled beam with free ends	1975
19760084453	Material performance assessment for maneuvering reentry vehicles. Volume 2: Low temperature ablator nosetip shape-change experiments at angle-of-attack	1975
19760084455	Study of multi-state PN sequences and their application to communication systems	1975
19760084456	Study of multi-state PN sequences and their application to communication systems	1975
19760084459	Large Aperture Lightweight Optical Systems (LALOS). Volume 3: Fabrication phase	1975
19760084460	Large Aperture Lightweight Optical Systems (LALOS). Volume 4: Test phase	1975
19760084461	Project briefs (completed projects supplement 17)	1975
19760084462	Project briefs (active projects supplement)	1975
19760084464	Advanced electron device technology	1975
19760084467	Design guidelines for reduced life cycle cost of advanced systems. Volume 1: Technical report	1975
19760084468	Design guidelines for reduced life cycle cost of advanced systems. Volume 2: Design guidelines handbook	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084469	Transtage interim upper stage system study. Volume 1: Executive summary	1975
19760084470	Transtage interim upper stage system study, volume 2	1975
19760084471	Technique for predicting aircraft aerodynamic effects due to external stores carriage. Volume 1: Technical summary report	1975
19760084472	Technique for predicting aircraft aerodynamic effects due to external stores carriage. Volume 2: User's manual	1975
19760084473	Trajectory reconstruction program milestone 2/3 report. Volume 2: Equations and logic. Part B: Trajectory tracking and reconstruction	1975
19760084474	Trajectory reconstruction program milestone 2/3 report. Volume 2: Equations and logic. Part C: Trajectory generation	1975
19760084475	Correlations between polymer structure and glass transition temperature. Part 1: Polysiloxanes, polyarylenesiloxanes and polyxylylenesiloxanes	1975
19760084477	Cooling tower noise intrusions to adjacent residential property, Defense Mapping Agency, Topographic Center, Washington, D. C., 6-8 October 1975	1975
19760084478	Reconversion of industrial wastes into resources	1975
19760084479	Aviation facilities ships helicopter facility resume	1975
19760084481	Certain problems in the service life of aircraft (conclusion)	1975
19760084482	Carrier Air Traffic Control Center (CATCC): Work station design	1975
19760084484	Methodology investigation of improved wind corrections for accuracy tests	1975
19760084485	Results of an environmental questionnaire given to P-3C sensor station operators	1975
19760084487	Feasibility study for improved DASC mobility	1975
19760084488	Small disturbance transonic flows about oscillating airfoils and planar wings	1975
19760084489	Summary of ARPA-ASO, TTO aerial platform programs. Volume 2: Remotely piloted helicopters	1975
19760084491	Data collection system M-101299-1 (Musketeer Gwen/Sunflyer) installation and assembly data	1975
19760084492	Low cost cast spoilers	1975
19760084493	Aircraft cost reduction (a review of design to cost)	1975
19760084494	C-141 floor heat	1975
19760084496	Pneumatic microfilm storage and retrieval of large format film flats	1975
19760084497	Report about scientific works on meteorology and physics of atmosphere, 1971 - 1974	1975
19760084499	Application of the infrared spectroscopy method to the investigation of the platinum electrode at various potentials	1975
19760084500	High frequency parameters of transistors and methods for their measurement	1975
19760084501	GOST standard 17359-71	1975
19760084503	Consideration of some sources of error in astrogeodetic observations	1975
19760084505	Manufacturing methods and technology measure (MMTE) fabrication of 18 mm image intensifier tubes by batch processing techniques	1975
19760084507	Replacement of Kapton coaxial cable jacket	1975
19760084512	HIS 6000/multics Nuclear Units Data Base (NUDAB) system: Data base specification	1975
19760084513	Effects of vibration on humans: Performance decrements and limits	1975
19760084514	Linear bidirectional solenoid actuator	1975
19760084515	Silo launchers	1975
19760084516	Stereoscopic Cinematography	1975
19760084518	Dry silver facsimile recording	1975
19760084519	Simulation of a gun-launched TV system	1975
19760084521	Engineering development/reliability test of Surface Launched Unit Fuel Air Explosive (SLUF AE) missile containers, phase 1	1975
19760084522	Wirefree interior communications for US Navy ships	1975
19760084523	On the shape of eroding bodies with application to ballistic range erosion tests	1975
19760084524	Philosophy of the minuteman correlated error budget	1975
19760084525	MEECN nuclear effects system codes. Volume 1: Summary	1975
19760084526	Development and fabrication of materials for reentry vehicles	1975
19760084527	Navy communications	1975
19760084529	Integration of multiple sensors for target tracking using an adaptive extended Kalman filter	1975
19760084531	Sonar Acoustic Target Source AN/WQM-6 (SATS 3)	1975
19760084532	Titan 2 Reliability and Aging Surveillance Program (RASP)	1975
19760084534	Results of the AN/TSQ-73 system software documentation evaluation	1975
19760084535	Development Test (DT) 3 of night vision goggles, AN/PVS-5	1975
19760084537	Problems of integrating infra-red line scanners in high-performance aircraft	1975
19760084538	Multistation access based on multiplexing of signals in time (VD)	1975
19760084539	Passive noise filtration and partial volume of the ambiguity body	1975
19760084540	Minimizing ignition time fluctuations of simultaneously triggered detonators of the MZ-B type	1975
19760084541	Formulation of corrosion-inhibiting gunpowder	1975
19760084542	Helicopter positioning accuracy testing for Hellfire indirect missile firings	1975
19760084544	Band 4 tuning heads AN/GRC-103(V) radio set	1975
19760084545	Optical spectrum analyzer feasibility study	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084547	Developmental optical correlator	1975
19760084549	Background measurements program	1975
19760084550	Adaptive Kalman filter techniques for inertial navigation position accuracy improvement	1975
19760084551	Performance characteristics of the Beacon Tracking System	1975
19760084552	Vibration test procedure and results for antenna-radome assembly AS-2894/BRA-34(XN-1)	1975
19760084553	High Altitude Supersonic Target (HAST) infrared augmentation	1975
19760084554	Spreading and wetting phenomena in four-phase configurations. Part 4: Dynamics of impaction and attachment	1975
19760084555	Quarterly progress notes, 1 July - 30 September 1975	1975
19760084556	The stars are beckoning: All-Union Kosmos contest	1975
19760084557	The Cosmos Beckons	1975
19760084559	Dynamic properties of geologic materials: Middle gust clay and shale and PACE sand	1975
19760084560	PRE-edit processor/report and message processor (PREP/RAMP) users manual, change 3	1975
19760084561	Radiation-induced currents in coaxial transmission lines	1975
19760084562	Solion transducers for use up to the lower audio frequencies	1975
19760084563	Physiology Program: Abstracts	1975
19760084564	Feasibility of measuring hydrazonium ion (N ₂ H ₅ ⁺) in hydrazine by polarographic techniques	1975
19760084565	The influence of static mechanical properties on the resistance of fresh-water ice to ballistic penetration	1975
19760084566	Development test 3 of mine dispersing subsystem, aircraft: M56 (U)	1975
19760084573	Countermeasures considerations for optical beamrider guidance (U)	1975
19760084574	Preliminary shelf life test program for the TOW missile first year's sample (U)	1975
19760084577	Study of wideband microwave electron bombarded semiconductor amplifiers (U)	1975
19760084580	Stategic systems study 2. Volume 7. Submarine platform technology A (U)	1975
19760084581	SAM-D performance in the presence of Chaff (U)	1975
19760084617	Strategic technology quarterly technical report (U)	1975
19760084631	Ballistic Range Experimental Program (BREP) (U)	1975
19760084633	Data analysis results of TOP SEA Measurements Program (U)	1975
19760084635	Spectral directional emittance data handling and reduction (U)	1975
19760084675	Automatic classification of languages	1975
19760084692	Erosion resistant tungsten coatings for rocket nozzle applications	1975
19760084708	Remote Aircraft to Weapon Activation System (RAWAS)	1975
19760084709	Thin-layer absorber for electromagnetic waves in the centimeter band	1975
19760084721	Half octave bandwidth Ku-band TWT (U)	1975
19760084725	Passive nosetip technology (PANT) program. Volume 16. Investigation of erosion mechanics on reentry materials (U)	1975
19760084730	Chemical laser pumping technology	1975
19760084732	An electrostatic display system for use with the AS 899 spinning D/F antenna	1975
19760084734	Incinerator for plastic waste	1975
19760084739	Test and evaluation of the DASI (Digital Altimeter Setting Indicator)	1975
19760084740	ACLS certification of the USS John F. Kennedy (CV 67)	1975
19760084741	Dauphin SA 360: Design and development	1975
19760084742	Battlefield Illumination Integrated with Night Vision Devices (BIINVD)	1975
19760084743	Target effects on temporal coherence in LADAR systems	1975
19760084744	Aircraft navigation system verification of the Litton LN-37 inertial navigation system	1975
19760084745	Aircraft navigation system verification Litton LTN-72 inertial navigation system	1975
19760084746	Development flight testing of the N-57A inertial navigation system	1975
19760084747	Laboratory evaluation of five developmental trackers utilizing solid-state imaging arrays	1975
19760084748	Performance flight tests of the Decca AN/APN-206 Doppler radar	1975
19760084749	Performance flight tests of the Teledyne-Ryan AN/APN-200 Doppler radar	1975
19760084750	Properties of photodetectors (photodetector series, 92nd report. Low background detector measurement methods	1975
19760084752	A technique for producing wide-sweep sensitivity sounding with applications to OTH-B radar propagation management	1975
19760084753	Concept of Operations for a radar prediction system (RAPS)	1975
19760084756	The Air Force/industry cost reduction program radar panel, phase 2	1975
19760084757	Effect of radome damage on antenna tracking systems	1975
19760084759	Materials effort on antenna radome for PAT 37 telemeter	1975
19760084760	Ground-to-ground visual target acquisition: Summary of field test data	1975
19760084762	Exploratory development and investigation of carbon-carbon composite materials having improved hypersonic particle erosion resistance CHIP, Carbon Hypersonic Impact Program. Volume 1: Materials selection and characterization	1975
19760084763	Exploratory development and investigation of carbon-carbon composite materials having improved hypersonic particle erosion resistance CHIP, Carbon Hypersonic Impact Program. Volume 2: Erosion and ablation of carbon-carbon composites	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084764	An extension of the rapid method for flutter clearance of aircraft with external stores. Volume 1: Theory and application	1975
19760084765	An extension of the rapid method for flutter clearance of aircraft with external stores. Volume 2: User's manual for FACES computer program	1975
19760084766	An automated procedure for flutter and strength analysis and optimization of aerospace vehicles. Volume 1: Theory and application	1975
19760084767	An automated procedure for flutter and strength analysis and optimization of aerospace vehicles. Volume 2: Program user's manual	1975
19760084770	Qualification test report on control data corporation 469 R2 computer, volume 1	1975
19760084771	Qualification test report on control data corporation 469 R2 computer, volume 2	1975
19760084772	MIDDLE NORTH series: MIXED COMPANY event. Structural response of generic missile bodies	1975
19760084773	MIDDLE NORTH series: MIXED COMPANY event. Air blast and ground motion experiments	1975
19760084778	Test of a radar-absorbing shroud at the North Bridge, Mannheim	1975
19760084780	Curing studies on filament winding epoxy resins	1975
19760084781	Polybutadiene-based one-step polyurethanes for high temperature use	1975
19760084783	The use of distribution statistics to study peel strength of adhesive bonds	1975
19760084784	Failure analysis report on light sources, electrical, lamp assemblies, NOC, panel	1975
19760084787	Technology and physico-mechanical properties of modern reinforcing fibers	1975
19760084788	Mastering extrusion of hollow profiles of titanium alloys	1975
19760084789	Metallographic study of some metallic materials during low temperature deformation	1975
19760084790	Information processing techniques programs. Packet speech/acoustic convolvers/airborne command control	1975
19760084791	Chemical laser fluid dynamics, task 1 report	1975
19760084793	Manufacturing methods for low cost tooling for advanced composite shell type structure	1975
19760084794	Fatigue fractures of precipitates in aluminum alloys	1975
19760084795	Theory of gas free combustion	1975
19760084796	The air freight container in the non-interrupted transport chain	1975
19760084797	Study of extinguished surface structure in catalyzed compositions of ammonium perchlorate-polymethyl methacrylate	1975
19760084798	Powder metallurgy of heat-resistant alloys and refractory metals	1975
19760084799	Present state and future prospects of production of heat-resistant alloys of ferrous metallurgy plants	1975
19760084801	Tapered asymmetric microstrip magic tee	1975
19760084802	Energy characteristics of gas discharge carbon dioxide lasers	1975
19760084803	On the electrical conductivity and thermo-Etmf of fibers of pyropolymers based on oxidized cellulose and its salts	1975
19760084804	Electrical conductivity of activated carbon materials	1975
19760084805	Deformation of type 'p' film	1975
19760084806	Automatic compilation of density maps of linear objects	1975
19760084807	Material specification adhesive and potting compound, urethane; general specification	1975
19760084808	Grafting of polymers on carbon fibers	1975
19760084809	Homogenization and solution annealing	1975
19760084810	The optimal configuration of the main rotor blades of a one-rotor helicopter for flight with horizontal velocity	1975
19760084811	Steel refining with liquid slags	1975
19760084813	An evaluation of scattering-type visibility instruments	1975
19760084814	Method for determination of the adhesion of thermally sprayed coatings	1975
19760084815	Resin-mixed explosive mixtures using picric acid as a curing agent	1975
19760084816	Fiber reinforced non-ferrous metals and alloys	1975
19760084819	Air supported pneumatic structures	1975
19760084820	Physicochemical essentials of fuel combustion	1975
19760084822	Burning-rate modification studies. Fabrication of boron-coated aluminum and magnesium by chemical vapor deposition	1975
19760084823	Impulse response of an infinite-gain single-feedback bandpass filter	1975
19760084824	Monthly bulletin. Canadian upper air data, July 1975	1975
19760084826	Oxidation of glycerol by high pressure oxygen: A corrosion hazard	1975
19760084827	Flight load survey tests of a mars modified HH-53C helicopter	1975
19760084829	Technical realization of radar digital terminal devices	1975
19760084830	Terrain constraints on the design, testing, and development of the GATOR mine	1975
19760084833	Material specification adhesive primer, rubber to metal. General specification	1975
19760084834	Material specification adhesive, rubber-to-metal, general specification	1975
19760084848	Representation of late time low altitude electromagnetic pulse sources	1975
19760084851	Reconnaissance and Surveillance Window Design Handbook	1975
19760084856	Ferrocene and ferrocene-copperchromite as catalysts for a composite propellant	1975
19760084857	Development of methods of thermomechanical treatment of metallic materials with substructural hardening	1975
19760084858	Dynamics of deformable solids	1975
19760084861	Development of advanced composite structural materials for launch vehicle applications, phase 1	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084870	Microprocessor technology survey	1975
19760084872	The future of carbon fibers	1975
19760084874	Type 73 107 mm M rocket-assisted mortar projectile-handling instructions	1975
19760084875	Influence of single-rotor or coaxial type helicopter fuselage on the optimum main rotor blade form for hovering	1975
19760084876	Effect of cold-hardening on longevity of helicopter main rotor blades	1975
19760084877	Aspects of plasma-dynamic lasers: High performance at short wave lengths	1975
19760084879	Aeronautical analytical rework program. Manufacturing feasibility of using synthetic quenchant on titanium alloy Ti-6Al-4V	1975
19760084880	Production engineering measure for automation of multi-alkali photocathode processing	1975
19760084881	A samarium-cobalt magnetic induction sensor for a safe and arm second environment	1975
19760084883	Geodesic use of very long baseline radio interferometry	1975
19760084884	Technical data on Polish 359 engine - Usually used in Polish star-200 truck	1975
19760084885	Laser Doppler velocity meter for the investigation of rapid gas-dynamic flows	1975
19760084888	Gas laser (Soviet): Type LG-106M. Technical description and instructions for use	1975
19760084904	Portable heat-powder spray gun	1975
19760084906	International Conference on the Application of Charge-Coupled Devices	1975
19760084907	Semiannual guidance technology program, volume 2	1975
19760084908	Advanced guidance technology program, volume 1	1975
19760084909	Hydrazine high temperature corrosion studies	1975
19760084910	Hydrazine compatibility design and handling criteria: Design handbook	1975
19760084911	Architecture for tactical switched communication systems. Annex F6: Engineering orderwire	1975
19760084913	Test evaluation of an internally air cooled turbo-compound diesel engine	1975
19760084915	VHF-FM portion of the single channel ground and airborne radio subsystem concept formulation package. Annex A to appendix 4: Cost and operational effectiveness	1975
19760084916	VHF-FM portion of the single channel ground and airborne radio subsystem concept formulation package. Appendix 4: Cost and operational effectiveness analysis	1975
19760084917	VON simulator user's manual	1975
19760084918	O/S VON simulator program description report	1975
19760084922	The pressure distributions about 60 mm and 81 mm mortar projectiles during shot ejection	1975
19760084923	Cap design for kinetic energy penetrators	1975
19760084924	Launch dynamics of a single flechette round	1975
19760084926	Cathode driven CFA (U)	1975
19760084934	Sensitivity of the SAM-D Engaged Target Kalman Filter (ETKF) to initial measurement errors and state variances (U)	1975
19760084935	PRAEIRE 2/Calere 2 remotely piloted vehicle laser target designator (U)	1975
19760084943	High rate propellant processing technology (U)	1975
19760084953	Evaluation of the advanced RF baseline seeker through bench testing (U)	1975
19760084959	Laser cross-section measurements of aerospace vehicles, Part 1 (U)	1975
19760084973	A suggested research and development plan for a superhard underground command system (SHUCS) (U)	1975
19760084997	Air Force Avionics Laboratory FY 1977 technical objective document (U)	1975
19760084998	The effects of visual psychophysical manipulations of a radar display on human operator performance radar visual countermeasures (U)	1975
19760085007	HUSSAR SWORD series, DINING CAR event, propellant and motorcase experiments (U)	1975
19760085013	An investigation of phase front distortion from complex targets (U)	1975
19760085026	COBRA JUDY radar study (U)	1975
19760085029	Development program for a multi-mode TWT, phase 2 (U)	1975
19760085057	Studies in fretting fatigue under variable amplitude loading conditions	1975
19760085097	Effects of heat on fatigue in aircraft structure	1975
19760085109	Fabrication and testing of graphite fiber/polyimide composites	1975
19760085123	The ERDE UV monitoring programme	1975
19760085131	The thermal analysis of some addition type polyimides	1975
19760085144	AN/DSQ-24 (DIGIDOPS) ground and flight test	1975
19760085145	Failure analysis of the 33lf propeller blade from OV-10A aircraft (USMCAS, Yuma)	1975
19760085150	Remotely monitored battlefield sensor system utilizing a surface charge injection device (REMBASS - SCID)	1975
19760085154	Development of a special gelled slurry explosive	1975
19760085155	Production assessment test report on resistor, fixed, metal film, precision, molded .05-.10 watt	1975
19760085163	The first surveillance evaluation of the man-seat separator MLCK82 MOD 0 manufactured by Universal Propulsion Company	1975
19760085169	Producibility study of a photochemical etching process and a diffusion bonding process	1975
19760085170	Adhesion of polymers and polymer adhesives	1975
19760085171	The geomagnetic field and life	1975
19760085172	Pathological physiology of extremal conditions	1975
19760085173	Fuels and lubricating materials for aircraft	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085174	Strains and stresses in pressure shaping of metals use of moire and coordinate grid methods	1975
19760085177	Program plan for AIMIS (Advanced Integrated Modular Instrumentation System)	1975
19760085180	InSb CID imagers	1975
19760085181	Studies for high-energy non-aqueous cells	1975
19760085183	DIVORS: A division-level combined arms engagement model (version 3). Volume 1: Executive summary	1975
19760085184	Technology of incinerating waste plastics	1975
19760085185	Starting points in solving environmental problems related to packaging	1975
19760085186	Analytical investigation of the vibrational responses of stave-damped pipes	1975
19760085187	Sample DPSPR-X1 track loop experiment, revision 1	1975
19760085188	Evaluation of torpedo receptacle DL2865969	1975
19760085189	Check test of model P/N 791 helmet under Arctic winter conditions	1975
19760085190	DESI (Digital End Speed Indicator) system, operation, maintenance and trouble shooting procedures for, revision A	1975
19760085191	One-dimensional compression of partially saturated soils	1975
19760085193	Investigation of electrodes for electroslag welding of HY-130 steel	1975
19760085194	Studies of ionization detector for army field use	1975
19760085197	Applications of suppressive shielding in hazardous operation protection	1975
19760085199	Design and fabrication of fiberglass/epoxy expendable breechcase	1975
19760085200	SEASPARROW MARK 52 structural firing tests aboard USS Nimitz (CVAN)-68	1975
19760085201	Arctic surface effect vehicle program. Volume 2: Technology summary and design development	1975
19760085203	Message reproduction requirements (USMC)	1975
19760085207	Manufacturing methods and technology for closed cycle cryogenic coolers	1975
19760085208	Improved fatigue strength adhesive. Part 2: Adhesive optimization	1975
19760085212	Production assessment test report on relays, instrument relay, 1 to less than 5 amps hermetically sealed, DPDT.	1975
19760085213	Production assessment test report on resistors, fixed, metal film, precision, molded, .05 - .10 watt	1975
19760085215	Production assessment test report on relays, instrument relay, 1 to less than 5 amps, hermetically sealed, DPDT	1975
19760085219	Temperature dependences of the specific resistivity and coefficient of thermo-emf of doped carbon-graphite materials	1975
19760085220	The design of reinforced-plastic structures	1975
19760085221	General statement on anti-corrosion products	1975
19760085222	Dispersion hardened materials	1975
19760085223	Aluminum alloys used for pressing of shapes	1975
19760085224	Advanced aerodynamic control technology	1975
19760085225	Experimental work in the manufacture of magnesium parts for the automobile and tractor industry	1975
19760085226	Development of an impact coating for aircraft tie-down chains	1975
19760085229	Silicone adhesive for glass to metal application	1975
19760085232	High performance elastomer reinforcing materials, part 4	1975
19760085233	Electrically conductive coating materials, part 3	1975
19760085234	Qualification of MIL-L-23699B aircraft turbine engine oil mobil RM 246A	1975
19760085235	Ballistic penetrator deformation	1975
19760085236	Characterization of dextex and composition B (with D-2 wax) explosives	1975
19760085238	Edge effects and penetrator instability in concrete	1975
19760085239	Dual polarization recognizer system	1975
19760085240	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1975
19760085241	Cast-in-place track shoe backing inserts	1975
19760085243	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1975
19760085244	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1975
19760085245	Production assessment test report on semiconductor, transistor, general purpose, silicon, NPN, planar, metal can	1975
19760085246	Production assessment test report on resistors, fixed, metal film, precision, molded .05-.10 watt	1975
19760085247	Production assessment test report on semiconductors, diode, general purpose, silicon, diffused, glass	1975
19760085248	Production assessment test report on relays, latching, 1 to less than 5 amp, hermetically sealed, DPDT	1975
19760085249	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1975
19760085250	Production assessment test report on relays, latching, 10 to less than 20 amp, hermetically sealed, 4 PDT	1975
19760085251	Production assessment test report on relays, instrument relay, 10 to less than 20 amps hermetically sealed, DPDT	1975
19760085252	Production assessment test report on resistors, fixed, metal film, precision, molded, .05 - .10 watt	1975
19760085253	Production assessment test report on coils, inductance, fixed, 30-300 kHz, 2-10 watts 1-30 volts, ferromagnetic, encapsulated	1975
19760085254	Production assessment test report on semiconductors, diode, voltage reference, silicon, diffused, glass	1975
19760085255	Software support to the Naval Research Laboratory laser field experiments	1975
19760085256	IFF interrogator set AN/TPX-46(V)7	1975
19760085257	Manufacturing processes for advanced carbon/carbon fabrication, specifications	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085258	PPQ adhesives for large area bonding of titanium alloys	1975
19760085260	MARCOR radar landing system, phase 3	1975
19760085261	Radar cross section measurement of towed target, TDU-22B	1975
19760085264	Digital moving target detector for use with the FPS-20 class of radar	1975
19760085265	Development test 2 (PQT-G) of very-short-range ground surveillance radar AN/PPS-15	1975
19760085266	Development test and evaluation of an AWADS radar imagery recorder	1975
19760085267	Advanced development of an air-emplaced seismic feature extractor (surface-emplaced sensor)	1975
19760085268	Technical and economic state and prospects for nuclear energy in the FRG's power industry: Study on behalf of the federal ministry for education and science, part 2	1975
19760085269	An estimate of probable error in total impulse for the M 549 RAP motor	1975
19760085270	Development and evaluation of NOSOL-363 gun propellant	1975
19760085271	An electro-optical fuze system	1975
19760085272	Applicability demonstration of perspective radar to naval ships and boats, part 1	1975
19760085273	Mapping of lightning with rapid scan, short pulse, X-band radar, Part 2	1975
19760085274	Development test 2 (engineering phase) of improved 2.15-inch rocket system (XM433E1 Fuze)	1975
19760085275	Development of a thin-wall 20mm explosive projectile	1975
19760085276	Advanced resonance tube concepts	1975
19760085277	Pressed explosive-coated RDX for shock resistance: 91/9 RDX/modified TNT	1975
19760085278	Requirements imposed on electrotechnical and radio-electronic equipment of the ships' control systems, caused by nuclear explosion	1975
19760085279	A description of the HEMP-B computer code. Volume 3: EMP environmental studies	1975
19760085280	Desert and Arctic camouflage garnishes. Supplement	1975
19760085282	Qualification test report squib, exploding bridgewire	1975
19760085283	Qualification of NAS 1593(MIL-R-25897) O ring made from new material V747-75	1975
19760085287	Stop frame investigation video tape versus movie film	1975
19760085289	A review of communications satellites and related spacecraft for factors influencing mission success. Volume 2: Appendices A, B, C	1975
19760085290	Systems analysis of amphibious assault landing craft: GAMUT-MAU program users manual	1975
19760085291	Test of high burning rate solid propellants, revision A	1975
19760085292	Fault diagnosis in diesel injection systems	1975
19760085293	Install, test and evaluate Systron-Donner precombustion system in an M151 vehicle	1975
19760085294	Synthesis of SYEP plasticizer	1975
19760085297	Design development and qualification testing of rocket motor mark 91 mod o (JATO)	1975
19760085298	Solid propellant binder	1975
19760085301	An assessment of the erase fixed-wavelength emission/absorption measurements and inversions	1975
19760085302	Investigation of velocity coupled combustion instability	1975
19760085306	TACOM advanced turbine engine cycle analysis	1975
19760085308	Gasaver Evaluation	1975
19760085309	The influence of ionizing radiation on burning of ammonium perchlorate and mixed systems based on it	1975
19760085310	Microwave emission during interaction of a high-current relativistic beam with a slow-wave structure filled with plasma	1975
19760085314	Methodology investigation nuclear dosimetry studies and neutron environment characteristics of the White Sands Missile Range fast burst reactor	1975
19760085315	Investigation of theory and methods of fault diagnosis and detection in diesel engine fuel injection systems	1975
19760085316	Investigation of augmented deflector exhaust nozzles installed in tactical aircraft	1975
19760085317	Evaluation of the corrosion susceptibility of a YT700-GE-700 engine operating in a simulated marine air environment	1975
19760085318	Air-breathing missile fuel development, volume 2	1975
19760085320	Optical aircraft trajectory and attitude instrumentation (OATAI). Phase 1: Conceptual investigation of potential architectures	1975
19760085322	Direct measurements of crack growth during spallation	1975
19760085330	AN/BRN-3 experimental program design for integral Doppler	1975
19760085331	Nutronics RF coil evaluation	1975
19760085332	Capacitor, variable, air dielectric subminiature	1975
19760085335	Multiple impingement rain erosion behavior of reentry vehicle carbon-carbon and quartz/silica composite materials and monolithic ceramic radome materials	1975
19760085336	Dual inertial system velocity error reduction through new damping techniques	1975
19760085338	Performance flight testing of the Singer AN/APN-185 Doppler radar	1975
19760085339	DT/E of the Small Permanent Communications and Display Segment (SPCDS 1), Base and Installation Security System (BISS)	1975
19760085340	Optimization of flame fuel dissemination patterns associated with firebombs	1975
19760085342	Development test 3 of radiac calibrator set AN/UDM-2	1975
19760085343	Fire retardant packaging for artillery ammunition	1975
19760085345	Production assessment test report on capacitors, fixed, film, metallized, non-metallic case, lead mount, contractor hi-rel	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085346	Production assessment test report on capacitor, fixed, glass, hermetically sealed, lead mount, contractor hi-rel	1975
19760085348	Production assessment test report on capacitors, fixed, film, metallized, non metallic case, lead mount, contractor Hi-Rel	1975
19760085349	Production assessment test report on capacitor, fixed, film, metallized, molded, lead mount, contractor Hi-Rel	1975
19760085350	Production assessment test report on semiconductor, transistor, general purpose, silicon PNP, planar, metal can	1975
19760085351	Production assessment test report on semiconductors, special types of field effect, silicon, planar epitaxial	1975
19760085352	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1975
19760085353	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can.	1975
19760085354	Production assessment test report on semiconductor, diode, voltage reference, silicon diffused, glass	1975
19760085355	Studies on optical circuit elements	1975
19760085356	Production assessment test report on transformer, step-up, open, audio freq NOC	1975
19760085358	Manufacturing methods for fabrication and assembly of advanced composite primary aircraft structure	1975
19760085361	Optical couplers	1975
19760085362	Erosion resistant materials	1975
19760085364	Radioelectric attenuation properties of rain in the 0.86 cm band	1975
19760085365	Analog-digital method of signal discrimination and range measurement to an object with pseudonoise modulation of the signal	1975
19760085369	Low contrast imaging system program	1975
19760085370	Theory and application of absorbing chaff clouds at radar frequencies	1975
19760085371	Voltage-controlled oscillators: An analysis of the problems	1975
19760085372	Simulation of high altitude nuclear effects	1975
19760085377	GaP p-n junctions and possibilities for their application in the conversion of solar energy into electrical energy	1975
19760085378	A model for sound transmission from an airborne source into the ocean	1975
19760085380	Technology for producing a wet suit	1975
19760085381	Prospects for use of thermoelectrical utilizers on ships of the river fleet	1975
19760085382	Ear plugs made from ultrafine polymer fibers of the material FP-SH for individual protection from noise	1975
19760085383	Supersonic rocket launcher	1975
19760085384	Methodology investigation on measurement of smoke during weapon firing	1975
19760085388	Physical principles of atmospheric process control (chapters 2, 5, 8 and table of contents)	1975
19760085389	On the dispersion of a gas behind deflagration waves propelled by powerful radiation flux	1975
19760085392	Evaluation of potting problems in the Lance adaption kit cable	1975
19760085394	Bulletin of the division of electrical engineering, volume 1, number 1, October 1975	1975
19760085398	The influence of internal design upon the output/time relationship for intimate mix pyrotechnic generators	1975
19760085399	Canadian upper air data, August 1975	1975
19760085400	Aerodynamic analysis of the direct fire guidance test missile	1975
19760085401	Guided drogue	1975
19760085402	Manufacturing processes for advanced carbon/carbon fabrication	1975
19760085403	A theoretical study of a high-pressure, tunable CO laser	1975
19760085404	Flight test evaluation of a digital multimode flight control system for the A-7D aircraft. Volume 2: Flight test phase	1975
19760085406	Reliability demonstration of interrogator set AN/UPX-25(V) and transponder set AN/UPX-28(V)	1975
19760085408	Manufacturing methods report on powder metallurgy for spinning mass seekers	1975
19760085409	Meteorological observations in Canada, June 1975 and supplement	1975
19760085410	Meteorological observations in Canada, August 1975	1975
19760085411	Volume of selected papers in cloud physics and weather modification	1975
19760085413	Shear stresses in adhesive layers of bonded step-lap sandwich specimens	1975
19760085419	Manufacturing methods and technology for high quality, low cost gallium arsenide laser arrays	1975
19760085420	Agema interim upper stage system study	1975
19760085421	Special Patrol Insertion/Extraction (SPIE) system	1975
19760085424	Manufacturing methods and technology for a four-stage thermoelectric cooler	1975
19760085425	DSCS 2 performance in a nuclear burst propagation environment, volume 2	1975
19760085426	The infrared signature of the High Altitude Supersonic Target (HAST) at sea level	1975
19760085427	Effect of disrupters, pattern painting, and vehicle type on target acquisition	1975
19760085431	Digital simulation and analysis for distance measuring equipment guided artillery missile	1975
19760085432	Magnetic separation of contaminants from aircraft fluids	1975
19760085433	Production assessment test report on capacitor, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, Contractor. Hi-Rel.14. PAT-4939	1975
19760085434	Production assessment test report on coil, inductance, fixed, 30-300 kHz, 2-10 watts 1-30 volts, ferromagnetic, encapsulated	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085435	Production assessment test report on capacitor, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, contractor Hi-Rel	1975
19760085436	Production assessment test report on capacitors, fixed electrolytic, tantalum, solid hermetically sealed, lead mount, contractor hi-rel	1975
19760085437	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1975
19760085438	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1975
19760085439	Production assessment test report on semiconductor, diode, voltage reference, silicon, diffused, glass	1975
19760085440	Production assessment test report on semiconductor, special type of, matched silicon, planar, epitaxial	1975
19760085442	Product support program (airborne systems)	1975
19760085445	Modification to tactical channel simulator system	1975
19760085446	Modification to tactical channel simulator system	1975
19760085448	Pneumoautomation materials of the 11th All-Union Conference on Pneumoautomation	1975
19760085449	Acoustic noise test for programmable air data computer test set AN/ASM-442	1975
19760085450	Reliability testing of the Pratt and Whitney Aircraft TF-30-P-412A turbofan engine	1975
19760085451	Report of compatibility test, AN/ASM-442 test set, air data computer	1975
19760085452	Homopolar/cryogenic electric machines for destroyer propulsion	1975
19760085453	Methodology investigation of procedures for salt fog tests of air conditioners, generators, compressors, and heaters	1975
19760085455	Biological denitrification of nitrate waste effluents from munitions plants	1975
19760085458	Adaptive engagement logic and control studies	1975
19760085459	Interior ballistics analysis and blast field calculations for an in-tube burning rocket for the MCSMAW	1975
19760085460	OPTIR 3 C	1975
19760085461	Nuclear precursor phenomenology and sweep-up dust cloud model development	1975
19760085462	GOST no. 19319-73: Solid-state lasers, basic parameters	1975
19760085463	Acquired anisotropy of plastic materials	1975
19760085464	Establishment of a diffusion barrier between a boron fiber and its tungsten substrate	1975
19760085465	Operational test report on individual rhomboid tent canvases, complete with stakes and poles (m. 1953 Norwegian)	1975
19760085466	Binderless graphite development	1975
19760085469	Human factors engineering policy and procedures for test and evaluation of Navy systems	1975
19760085470	Whole body X-ray scanner	1975
19760085471	Solid waste handling and disposal at naval shore facilities: Air curtain destructor experiment	1975
19760085472	PQM-102 scoring amplifier system	1975
19760085474	JTIDS 960 to 1215 MHz radionavigation band compatibility test results	1975
19760085475	Computer program for steady transonic flow over thin airfoils by finite elements	1975
19760085477	Carriage and separation testing of the LUU-2C/B parachute flare on the A-4, A-6, A-7, F-4, F-8, P-3, S-2, and OV-10 airplanes	1975
19760085481	A GPSS model: Submarine detection and trail	1975
19760085484	Nonradioactive antireflection coatings for infrared optics	1975
19760085485	Low noise metal-oxide-semiconductor circuits	1975
19760085487	The dynamics of helical springs	1975
19760085488	QF/PQM-102 target system, Project Pave Deuce	1975
19760085489	Investigation of master oscillator power amplifier systems for chemical lasers	1975
19760085490	Aerodynamic window for a focused DF laser	1975
19760085511	Pulmonary functions during acute exposures to head down tilt (possible simulation of weightless state)	1975
19760085513	Earth-to-orbit transportation for advanced space facilities	1975
19760085514	Secondary cratering on Mercury, the Moon, and Mars	1975
19760085515	Space shuttle flight control system	1975
19760085516	Estimation for certain non linear stochastic systems	1975
19760085517	The use of ERTS data in a Large Area Crop Inventory Experiment (LACIE)	1975
19760085518	The chemistry of agglutinate fractions in lunar soils	1975
19760085519	Minimum variance system identification with application to digital adaptive flight control	1975
19760085521	Dominance of heavy positive ions at 72-80 km: Measurements with a rocket-borne time-of-flight mass spectrometer	1975
19760085522	Density, chemistry and size distribution of interplanetary dust	1975
19760085524	Assessment of the use of the VAB for solid rocket booster processing	1975
19760085525	Space biology and aerospace medicine, volume 10, no. 2, 1976	1975
19760085526	Medical support of flights in civil aviation	1975
19760085527	Modern directions in biophysical investigations of the vestibular function	1975
19760085544	Continued development of a high resolution ultrasonic sensor for the observation of particles in fluids	1975
19760085545	Wind tunnel flow seeding for laser velocimetry applications	1975
19760085546	Strong scintillations in astrophysics. 3. The fluctuations in intensity	1975
19760085550	Measurement of the spatial structure of the X-ray source in the Crab Nebula. 1: Observation of 1974 November 3 lunar occultation	1975
19760085551	Lunar chronology as determined from the radiometric ages of returned lunar samples	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085554	Biomedical results of the Skylab program	1975
19760085555	Coupling characteristics of thin film metal-oxide-metal diodes at 10.6 micrometers	1975
19760085556	On the kinetics of the pack: Aluminization process	1975
19760085557	Permian Basin communications network for emergency medical services	1975
19760085558	Consortium studies of matrix of light gray breccia 73215	1975
19760085559	STARPAHC	1975
19760085562	Development of powder metallurgy	1975
19760085563	Determination of mixture ratios of hardened concrete including limestone-containing additives	1975
19760085564	Exploratory development on formation of high strength, high modulus boron nitride continuous filament yarns, part 2	1975
19760085565	High strength carbon materials: A survey	1975
19760085566	Manufacturing methods for rapidly curing advanced composites	1975
19760085567	Shear strength of whiskered fiber reinforced composites	1975
19760085568	Heat-resistant ceramic coating	1975
19760085572	Methodology investigation of Fast Burst Reactor (FBR) output measurement techniques	1975
19760085575	A summary of four laboratory-scale high-explosive cratering parametric sensitivity studies	1975
19760085576	R and D Abstracts, Volume 31, Number 12, 15 June 1975	1975
19760085577	The generating function for the number of bit-sequences satisfying criteria defined by incidence matrices	1975
19760085578	SERL Technical Journal, Volume 25, Number 1	1975
19760085580	Data windowing in spectral analysis	1975
19760085581	Modifications to a radiation thermometer for cold weather operation	1975
19760085582	Meteorological translations number 27	1975
19760085583	Monthly bulletin: Canadian upper air data	1975
19760085584	Inter-laboratory comparison: Resistance, 1971	1975
19760085588	Protection of existing fuel lines under piers at Point Loma annex: Condition after 3 years of exposure	1975
19760085593	Generic flight control system component probability of damage given a hit (P sub D/H) development	1975
19760085594	Environmental control system design and vulnerability assessment procedures	1975
19760085595	Carbon fibers: A wonder material	1975
19760085597	Trajectory reconstruction program milestone 2/3 report. Volume 2: Equations and logic. Part A: Input and executive modules, 342	1975
19760085598	Flameproofing textiles: Results and problems to date	1975
19760085599	The selection of control points for pneumatic unit signals	1975
19760085600	DLS optico-electronic telemeter range finder with digital reading	1975
19760085602	A fast method for evaluation of the suitability of polyvinyl chloride paste thermal stabilizers used in combination with agents promoting adhesion	1975
19760085603	A high-temperature incinerator for disposing of various types of wastes	1975
19760085604	Internal structure and defects of refractory fibers	1975
19760085605	Effective thermoelectric refrigerating micromodules	1975
19760085608	Description of yaw sonde numerical integration data reduction computer programs	1975
19760085609	Air Traffic Situation Display (ATSD) program	1975
19760085616	The 50 megawatt ablation testing and evaluation of several REUMAT graphites	1975
19760085617	Atlantic Undersea Test and Evaluation center long range plan	1975
19760085625	An economic analysis of the use of suppressive structures in the Army Lone Star Ammunition Plant, 105 mm, high-explosive melt-pour facility	1975
19760085626	SEEK BUS remote station operator's manual	1975
19760085628	The electrochemistry of acetyl chloride. Part 1: Study of complex chloride and acetylum compounds	1975
19760085631	Evaluation of communication abilities with hearing protective devices on a grenade range, Fort Dix, New Jersey, 3 June 1974	1975
19760085632	A user's appraisal of an automated program verification aid	1975
19760085633	FORTTRAN simulation (FORTSIM) language program description	1975
19760085636	Millimeter wave pump source	1975
19760085637	Microwave power combinatorial development, task 2: 60 GHz amplifier/combiner	1975
19760085639	Development of a high energy density remotely activated silver-zinc battery	1975
19760085648	Department of Defense in-house RDT and E activities	1975
19760085657	Design of a hybrid MNOS/plated wire memory system	1975
19760085662	Ultra hard materials	1975
19760085664	A review of communications satellites and related spacecraft for factors influencing mission success. Volume 1: Analyses	1975
19760085667	Near-surface cratering experiments, Fort Polk, Louisiana	1975
19760085670	Process specification radiographic inspection internal components and bonds third stage eject motor process for propulsion parts and materials, solid fuel engines, engine case, shell	1975
19760085671	Transistors, bipolar, general specification for semiconductors, transistors, general purpose, planar metal can	1975
19760085674	Ignition in electrical circuitry induced by glycol-water solutions	1975
19760085676	Evaluation of impacted PPQ ARCS	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085677	F-111A cabin temperature flight test report	1975
19760085678	First article test report, lateral controller unit: P/N 255E300 for the AQM-34V RPV	1975
19760085679	Limited performance evaluation of the model EC-130G TACAMO IVB airplane	1975
19760085684	Dust storms in west Siberia	1975
19760085686	Aircrew/passenger seat cover fabric evaluation, test order/plan 15-8-75	1975
19760085687	Laboratory evaluation of a Fluidic Approach Power Compensator (FAPC)	1975
19760085688	Flight test of the A/A37G-9A flight control system in the BQM-34T target	1975
19760085689	Water permeation in Boron/epoxy composites	1975
19760085690	Experimental static stability and drag characteristics of a 105-MM, XM548 projectile with various artillery fuze configurations at Mach numbers 1.5, 2.0, 2.5, and 3.0	1975
19760085691	Modularization study of EMU-112/B fuze	1975
19760085692	Monthly record: Meteorological observations in Canada, April 1975	1975
19760085693	Monthly record: Meteorological observations in Canada, March 1975	1975
19760085694	Monthly record: Meteorological observations in Canada, July 1975	1975
19760085696	Radiation flaw detection	1975
19760085701	Production engineering measure for microwave transistors using proton enhanced diffusion technology	1975
19760085703	Automatic regulation of liquid rocket engines	1975
19760085704	Scientific criteria for the selection of sites for dumping of wastes into the sea	1975
19760085706	Ramburner internal insulation investigation. Volume 1: Modeling and computer programs	1975
19760085707	Ramburner internal insulation investigation. Volume 2: Characterization and tailoring of silicone elastomers	1975
19760085708	HAPREX. Volume 2: Sundial A test results	1975
19760085709	HAPREX. Volume 4: An electrodynamic model of the equatorial ionosphere	1975
19760085710	HAPREX. Volume 3: Multiple barium release studies KMR ionospheric monitoring program, spring 1975	1975
19760085711	Thermal induced blow-off: A report on experimental studies, volume 1	1975
19760085712	Thermal induced blow-off: A report on experimental studies, volume 2	1975
19760085713	Aviation jet engines	1975
19760085714	Aviation jet engines	1975
19760085715	Aviation jet engines	1975
19760085716	Aviation jet engines	1975
19760085717	Aircraft jet engines	1975
19760085718	Dielectric changes in alpha-trinitrotoluene	1975
19760085719	Heat capacity of alpha-trinitrotoluene	1975
19760085725	Extraction of component performance data from the Navy 3M system (U)	1975
19760085729	Defense suppression guided cluster PAVE STORM 3 optical area correlator (U)	1975
19760085730	Advanced television seeker laser sensitivity test (U)	1975
19760085733	Analytical investigation of shock wave induced damage in three dimensional quartz phenolic (U)	1975
19760085734	PCDE propellants for ballistic missiles (U)	1975
19760085737	Effect of atmospheric backscatter on the laser guided bomb (U)	1975
19760085738	Further study of propagation through thick, structured ionization (U)	1975
19760085741	Evaluation of A-4M ECP-1120 weapon system (U)	1975
19760085762	Navy nuclear weapons effects program annual report, fiscal year 1975 (U)	1975
19760085773	AAW performance during phase 6 of FLEETEX 2-75 (bell box) (U)	1975
19760085774	Derivation of residual mass and velocity equations for the 23 mm APIT projectile and titanium plates (U)	1975
19760085801	Development of infrared optical materials (U)	1975
19760085805	An analysis of scintillation effects for communication and radar systems (U)	1975
19760085807	Standoff target acquisition system (SOTAS) (U)	1975
19760085828	An illustrative example of methodology for estimating air-to-ground weapon/weapon system effectiveness (U)	1975
19760085833	Vulnerability of carrier tactical aircraft in Southeast Asia combat. Volume 2: Appendixes A and B (U)	1975
19760085835	F-4E survivability design criteria study (U)	1975
19760085840	Exploratory development of laser-hardened materials and measurement of laser beam parameters and material response to high-power laser radiation, volume 3, appendix F (U)	1975
19760085862	Development of infrared optical coatings (U)	1975
19760085872	ARPA/STO program (U)	1975
19760085891	Exploratory development of high temperature circuit analog radar absorbing material CA-RAM (U)	1975
19760085916	Analysis of the electromagnetic compatibility of airborne ECM jammers and ground-based simulators with air traffic control, navigation, and avionics systems (U)	1975
19760085921	Aircraft measurements of air pollution over Denmark and the North Sea	1975
19760085922	Design and testing of a superscreened cable-MM10/75	1975
19760085923	Electrical power sources division	1975
19760085941	Manufacturing methods for plasma arc welding	1975
19760085943	Improved IMPATT diode structures	1975
19760085944	Automated assembly fixture drilling	1975
19760085947	Manufacturing methods for shrouded blade and vane fabrication	1975
19760085948	Manufacturing methods for shrouded blade and vane fabrication	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085949	Manufacturing methods for shrouded blade and vane fabrication	1975
19760085953	Comparison of two methods of predicting characteristics of an organism which develops under the condition of free fall	1975
19760085954	Estimation of a large area crop acreage using remote sensing technology	1975
19760085955	Effect of chromium on low-temperature deformation of high-purity iron	1975
19760085956	Biostereometrics in aerospace medicine	1975
19760085957	The saturated activities of short-lived cosmogenic radionuclides in lunar samples as a function of their chemical compositions	1975
19760085959	Analysis of gas chromatography/mass spectrometry data: A method for extracting mass spectra free of background and neighboring component contributions	1975
19760085962	Thermomechanical stress analysis of silicon nitride components	1975
19760085964	Study of information services required to support the NASA life sciences	1975
19760085965	On the stochastic stability of linear systems containing colored multiplicative noise	1975
19760085966	One arc minute resolution maps of the Orion Nebula at 20, 50, and 100 microns	1975
19760085967	Charge-transfer energy in closed-shell ion-atom interactions	1975
19760085968	Crater diameter-frequency distributions for martian fretted terrain	1975
19760085974	Auditory fatigue and occupational deafness in noisy industrial environment	1975
19760085975	Noise-induced hearing loss and noise-induced deafness in industry: A statistical overview	1975
19760085976	High acceleration cockpit applications study. Volume 2: Crew station design/integration	1975
19760085977	High acceleration cockpit applications study. Volume 3: Test plan	1975
19760085978	High acceleration cockpit applications study. Volume 4: Test results	1975
19760085979	High acceleration cockpit applications study. Volume 1: Program summary	1975
19760085982	Development of 1.06-micron sensitive wafer tube	1975
19760085985	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1975
19760085986	Production assessment test report on resistors, fixed, metal film, precision, molded .05 - .10 watt	1975
19760085987	Production assessment test report on semiconductors, diode, rectifier, silicon, diffused, glass	1975
19760085988	Comparison of the B-1 to three longitudinal maneuver criteria	1975
19760085989	Test and evaluation of the NORD CPL 2 color enlarger and comparison with super chromega dichroic subtractive system enlarger	1975
19760085991	USS America (CV-66) data link address field change to landing control central AN/SPN-42	1975
19760085992	The effect of temperature and humidity on the flexural and shear strength of Kevlar/epoxy wound composites	1975
19760085995	Preliminary analysis of beamrider guidance technology at ten microns	1975
19760085998	Advanced ablative heatshield concepts. Part 1: Seamless carbon-quartz woven tape/phenolic resin composites	1975
19760085999	Low altitude target	1975
19760086000	Digital speed control system as three-point control with sensing and acceleration limit sensor	1975
19760086001	Night-vision devices in the West German Army: Low light level television unit	1975
19760086002	Nonoscillating forms of asynchronous pulse code modulation systems	1975
19760086006	Development test 2 (service phase) of Simplified Test Equipment for Internal Combustion Engine Powered Material (STE/ICEPM)	1975
19760086010	COMSEC controller for multiple radios CCMR-vinson interoperability report	1975
19760086017	Synthesis of waxes for the phlegmatization of explosives	1975
19760086019	Counter-surveillance effectiveness against sensor devices: A methodology for evaluation	1975
19760086024	E-4 aerial refueling evaluation, phases 2 and 3	1975
19760086025	Fighter CCV phase 1 report. Configuration selection and control system design	1975
19760086029	Improved basis for formulating acceptance criteria for structural welds	1975
19760086032	Design and test evaluation of a fluidically-controlled breadboard aircraft environmental control system	1975
19760086034	Rationalization of manufacturing methods in optical fabrication	1975
19760086035	Processing handbook on surface preparations for adhesive bonding	1975
19760086040	Automatic facility for filtering viscose in a wash-out layer	1975
19760086041	The effect of forced ventilation on the reduction of dust content in the air in spinning and weaving looms	1975
19760086043	Operational testing of the Mk 122 Mod 0 safety and arming switch	1975
19760086044	Automatic analyzer for tetranitromethane	1975
19760086045	Thermal decomposition of amatex and related materials, part 1	1975
19760086046	AN/TPS-59 XN-1	1975
19760086047	Study of concepts leading to the development of an improved lightweight screening system for use in arctic conditions	1975
19760086048	Water management study of the Sodium Nitrate Recovery Facility, Holston AAP	1975
19760086049	Production of modern electrical transmissions for the 3T class tractor	1975
19760086050	Initial production test of filter/separator, liquid fuel, 350 GPM, lightweight	1975
19760086051	Check test of liquid distributor for dust control	1975
19760086052	Propellant plant pollution abatement engineering investigation to develop optimum control measures to prevent water pollution	1975
19760086053	Decision making under uncertainty relative to the development-production gap	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086054	Hellfire, USACDEC experiment FC 030, phase 4	1975
19760086055	Measuring flight time by means of the electromagnetic disturbance at detonation	1975
19760086056	RF on-board Radar Radiation Receiver (RRR). Annex D. Signalize 2 reliability analysis	1975
19760086058	Test and evaluation of the attachment, socket wrench, Sparrow Missile Launcher (P/N 383345-1) for F-14A aircraft	1975
19760086059	Membrane technology in trace gas detection. Part 2: Evaluation of the ITI model 62 explosives detector-identifier	1975
19760086062	Evaluation of a magnetic tape memory system	1975
19760086068	The 270 volt D-C solid state controllers	1975
19760086071	Equivalent circuit techniques used in describing electromechanical transducers such as piezoid crystals	1975
19760086074	Indium antimonide (InSb)MIS technology for on-chip processing	1975
19760086076	Procedures and criterion for analyzing the dynamic stability of surface effect ships	1975
19760086077	Chemical and physiological problems in devising and using synthetic food	1975
19760086078	Remarks on the use of lunar profiles for the reduction of occultation observations	1975
19760086081	Manufacturing methods report on head coil integration for spinning mass seekers	1975
19760086082	Manufacturing methods report on automatic testing for spinning mass seekers	1975
19760086083	Manufacturing methods report on gyro balancing for spinning mass seekers	1975
19760086085	Manufacturing methods report on magnet technology for spinning mass seekers	1975
19760086086	Manufacturing methods report on nonmetallic structures for spinning mass seekers	1975
19760086087	Manufacturing methods report on mirror technology for spinning mass seekers	1975
19760086100	Lance connector solderability test	1975
19760086101	Computation of electromechanical characteristics of a facsimile recorder	1975
19760086102	Special study: Evaluation of foreign material, PM-70 peak meter	1975
19760086104	Shock interactions during dynamic fracture	1975
19760086105	Development of petroleum additives in azerbaijan	1975
19760086106	F-89 hydraulic actuator analytical/experimental vulnerability assessment	1975
19760086108	Production assessment test report on resistors, fixed, metal film precision, molded .05-.10 watt	1975
19760086109	Production assessment test report on resistors, fixed, metal film, precision, molded, .05 - .10 watt	1975
19760086110	Production assessment test report on semiconductors, special types of, field effect, silicon, planar epitaxial	1975
19760086111	Production assessment test report on semiconductors, transistors, general purpose, silicon, RNP, planar, metal can	1975
19760086112	Production assessment test report on resistor, fixed, wirewound, NOC, molded	1975
19760086113	Production assessment test report on resistor, fixed, wirewound, NOC, molded 1-2 watts	1975
19760086114	Production assessment test report on relays, armature, 1 to less than 5 amp., hermetically sealed, DPDT	1975
19760086116	Nuclear aircraft feasibility study, volume 1	1975
19760086117	Nuclear aircraft feasibility study. Volume 2: Appendixes	1975
19760086118	Nuclear aircraft feasibility study. Executive summary	1975
19760086121	Atmospheric dispersion in valleys, Part 1	1975
19760086122	Atmospheric dispersion in valleys, Part 2	1975
19760086123	Manufacturing methods and technology for large area silicon avalanche detectors	1975
19760086128	Analysis of DRAGON launch shock data and test techniques	1975
19760086132	Aircraft fuel tank/system s/v analysis. Volume 3: Users manual	1975
19760086134	PEM for automatic production for multialkali photocathode	1975
19760086136	Composite external components for advanced gas turbine engines	1975
19760086137	ASDIR-2. Volume 1: User manual	1975
19760086138	ASDIR-2. Volume 3: Program description	1975
19760086139	ASDIR-2. Volume 3: Reference documentation	1975
19760086145	Wake fluid measurements program	1975
19760086151	Decrease of the amount of sunshine due to atmospheric pollution in Prague at Karlov	1975
19760086152	AUTOUON costing system program description report	1975
19760086154	ER:YLF laser development, part 2	1975
19760086158	Testing the effect of Halon 1301 gas on a WAUKESHA L1616 DSIN diesel engine	1975
19760086160	Brittle materials design, high temperature gas turbine	1975
19760086163	F-15 AFDT and E fuel subsystem evaluation	1975
19760086169	Maximizing the function of atom distribution at reduced pressure	1975
19760086170	New principles for the construction of some microwave components in the millimeter and submillimeter wavelength region	1975
19760086177	A prototype projectile tracking Radar (PTR) evaluation model. Part 1: Summary	1975
19760086178	The HOWLS radar sky-clutter environment	1975
19760086182	The training and the proficiency of aviators	1975
19760086183	Pressure recovery/scrubber systems for chemical lasers. Volume 2: Critical Technology Investigations	1975
19760086184	Residual shelf life program M117A series bombs	1975
19760086185	Test report for humidity test P/O environment tests for test set, programmable air data computer, AN/ASM-442	1975
19760086186	Environmental test, test set, programmable, air data computer, AN/ASM442	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086192	Supercritical wing preliminary design study	1975
19760086193	Advanced fighter technology integration AFTI, phase 1. Volume 2, part 6, appendix 5: Flight control system synthesis	1975
19760086203	Tantalocene/polyphelylene matrix for TaC-loaded carbon/carbon composites	1975
19760086205	Development of the electrical to flueric device	1975
19760086206	Characterization of a 7 1/2 inch gage plate of electroslog remelted Hy-130 (5 Ni-Cr-Mo-V) steel, phase 2	1975
19760086209	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1975
19760086210	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1975
19760086211	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits NOC, flat pack	1975
19760086212	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits, flat pack	1975
19760086213	Automatic planetary stations	1975
19760086214	Proceedings of the 3rd All-Union Conference on high-temperature chemistry of silicates and oxides	1975
19760086215	Fiber-reinforced aluminum and magnesium alloys	1975
19760086216	Current sources in pipeline communication systems	1975
19760086220	Development and fabrication of prototype battery temperature probes for use in lead-acid batteries	1975
19760086222	Hall effect fluxmeters of the quotient system type for measuring constant magnetic fields	1975
19760086223	Comprehensive analysis of aluminum alloys by atomic absorption spectrometry	1975
19760086225	The importance of sample environment in the gas liquid chromatographic analysis of trinitrotoluene	1975
19760086226	A study of the operator-vision device interface in moving high speed fighting vehicles	1975
19760086227	Cold chamber comparative trials of windproof smock and trousers with thermal liners against in-service cold weather clothing. Trial 2: -18 C with wind	1975
19760086230	Radar PE-453/t, description, part 1	1975
19760086236	Paint reliability program for SSBN 616/627/640 class submarines. Part 7: Extended life analysis of protective coatings for the USS J. Marshall, SSBN 611 and the USS T. Jefferson, SSBN 618	1975
19760086242	PRESTO digital computer code traffic: A frequency domain network analysis code, user's guide	1975
19760086243	PRESTO digital computer code user's guide	1975
19760086244	SAFEGUARD-EMP/RFI lessons learned. Volume 2, part 2: PAR site EMP test. Appendices: B, scale modeling for the PAR EMP test. C, fiber optic trigger system. D, application of a Tektronix transient digitizer to EMP field measurements. E, test director's report. F, quick-look report	1975
19760086245	SAFEGUARD-EMP/RFI lessons learned. Volume 1: SAFEGUARD ground facilities	1975
19760086246	Coating carbon fibers with copper	1975
19760086247	A six-DOF laser-guided missile simulation for prediction of single-shot lethality	1975
19760086250	Investigation of an adaptive fluidic vibration damper	1975
19760086251	Production assessment test report on resistor, fixed, wirewound, NOC, molded, 1-2 watts	1975
19760086252	Production assessment test report on resistors, fixed, wirewound, precision, molded, .50 - 1 watt	1975
19760086253	Production assessment test report on resistors, fixed, metal film, precision, molded .05 - .10 watt	1975
19760086254	Effect of diffusion coatings on damageability of gas turbine engine blades under thermal cycling	1975
19760086255	Radioactive evaluation of the lower atmospheric layer on Czechoslovak territory in the years 1970 - 1971	1975
19760086271	A radar technique for detecting salvo-launched missiles (U)	1975
19760086276	RADAM spectral measurements and analysis in I-band (U)	1975
19760086278	Project APACHE program plan (U)	1975
19760086279	Erosion Resistant Nosetip Technology (ERNT) program (U)	1975
19760086281	Preliminary feasibility study of an advanced technology VSTOL strike fighter - FVX. Annex J (U)	1975
19760086302	Atmospheric heave from a 200 kilometer Spartan detonation as predicted by the NRL MRHYDE code (U)	1975
19760086308	Exploratory development of coatings and overlays for protection of structural metals from high intensity thermal radiation (U)	1975
19760086318	Preliminary design of a Cryo-Cooler for Satellite Sensors (CCSS), volume 2 (U)	1975
19760086357	Marine Aviation Requirements Study (MARS) analysis report (U)	1975
19760086365	An approach towards a study to determine the most realistic counting method in monitoring aircraft component fatigue life	1975
19760086369	Investment cost comparisons for capacity additions for selected fuels	1975
19760086372	Exploratory development in gun propellants: Fiscal year 1974 report (U)	1975
19760086398	The EM scattering model for re-entry wakes. Volume 1: The wake field penetration model of radar scattering	1975
19760086399	The EM scattering model for re-entry wakes. Volume 3: Summary of boundary layer transition characteristics	1975
19760086404	Estimate of wave impact loads and pressures for SES hulls, volume 1	1975
19760086405	Estimate of wave impact loads and pressures for SES hulls, volume 2	1975
19760086406	Estimate of wave impact loads and pressures for SES hulls, volume 3	1975
19760086407	Architecture for tactical switched communication systems, annex F7. Error control	1975
19760086408	Architecture for tactical switched communication systems, annex g. Glossary	1975
19760086409	Material performance assessment for maneuvering reentry vehicles. Volume 3: Graphite and carbon/carbon nosetip shape-change experiments at angle-of-attack	1975
19760086410	Material performance assessment for maneuvering reentry vehicles. Volume 1: Analysis of nosetip shape-change data at angle-of-attack	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086412	A program to install, test, and operate the CAANS equipment aboard PGH-1	1975
19760086413	Collision Avoidance And Navigation System (CAANS) operation manual	1975
19760086414	Alternative propulsion systems for Swimmer Delivery Vehicles (SDV)	1975
19760086415	Space programs	1975
19760086416	Improved CVD techniques for depositing passivation layers of ICS	1975
19760086419	Analysis of the pressure and acceleration response of an internal ferrule gage	1975
19760086434	Radio engineering. Volume 8: Chemical lasers, part 3	1975
19760086435	Radio engineering. Volume 8: Chemical lasers, part 2	1975
19760086436	Radio engineering. Volume 8: Chemical lasers, part 1	1975
19760086437	Single access user earth terminal system design. Volume 3: Appendixes	1975
19760086438	Single access user earth terminal system design. Volume 2: System design	1975
19760086442	Instruction manual for field water detection device	1975
19760086443	Development test 2 (engineering phase) of Simplified Test Equipment for Internal Combustion Engine Powered Materiel (STE/ICEPM)	1975
19760086447	KTHDXN: KTH data exchange network user's manual	1975
19760086449	Simulation technique for investigating problems of the visibility of vehicles	1975
19760086450	Elastomeric antifouling coatings after marine immersion in a tropical environment	1975
19760086451	The measurement of thickness of non-magnetic coatings on rough steel substrates with the permascope type ES8E3G2	1975
19760086454	Design proposal for a closed vessel recorder	1975
19760086455	Machining techniques and surface integrity: Report on visits to establishments in USA and UK, May - June, 1975	1975
19760086456	Acoustic emission. The state of the art	1975
19760086457	Monthly Record: Meteorological Observations in Canada, October 1975	1975
19760086458	Monthly bulletin: Canadian Upper Air Data, October 1975	1975
19760086459	Monthly bulletin: Canadian Upper Air Data, September 1975	1975
19760086460	Monthly Record: Meteorological Observations in Canada, September 1975	1975
19760086481	The effect of a layered medium on apparent crater dimensions and ejecta distribution in laboratory-scale cratering experiments	1975
19760086486	Increasing the resistance of the organism to extreme factors with drugs	1975
19760086489	Evaluation of communication abilities with hearing protective devices on a close combat course, Fort Dix, New Jersey, 4 - 5 June 1974	1975
19760086496	AUTODIN simulator (AUSIM) program reports	1975
19760086497	A method for real-time diagnosis of radar propagation disturbances	1975
19760086498	Methods for obtaining full-scale trimmed aerodynamic polars from wind tunnel data	1975
19760086499	A cold flow-experimental investigation of sudden-expansion combustors with flameholders	1975
19760086500	Combustion of titanium, laser-initiated in a controlled airstream	1975
19760086501	Development of a rotary reciprocating refrigerator for space applications	1975
19760086502	Apache program EC-135P/J ABNCP EMP study	1975
19760086503	Miss distance sensor MDS program	1975
19760086506	Power variation test, final test. Test set, programmable air data computer, AN/ASM-442	1975
19760086507	Electromagnetic interference test, test set, programmable air data computer, AN/ASM-442	1975
19760086510	High density focal plane FLIR system analysis	1975
19760086514	Inconel, 718 corrosion and heat resistant alloy bolts	1975
19760086515	The 40 mm rocket assisted projectile (RAP) development	1975
19760086517	Investigation of fabrication of torsion tubes by inertia welding	1975
19760086520	Qualification report on capacitor, metallized, polycarbonate	1975
19760086525	Laboratory vibration-response tests on STAMM (Simplified Towed-Array Modeling Module) and test-bed accelerometer mounting system. Phase 2: Evaluation of STAMM test-bed accelerometer mounting system	1975
19760086528	Simulation of the interdependent circulation of the troposphere, stratosphere and mesosphere	1975
19760086529	Universal wood container with gross weight of 2.5 tons	1975
19760086530	Universal metal containers with a gross weight of 5 tons	1975
19760086531	Universal metal container with gross weight of 2.5 tons	1975
19760086532	Universal containers: Types, basic parameters and dimensions	1975
19760086533	Life test evaluation of carbon composition resistors to MIL-R-39008, supplement 1	1975
19760086534	Life test evaluation of carbon composition resistors to MIL-R-39008, supplement 2	1975
19760086535	Life test evaluation of carbon composition resistors to MIL-R-39008	1975
19760086540	Noise immunity of a preselector-detector-low pass uncommutated filter-threshold device network in detection of a noise signal of finite duration	1975
19760086541	Prospects for application of fuel cells in electric-powered automobiles	1975
19760086542	On the question of the stability of characteristics of gas-diffusion porous electrodes	1975
19760086544	Principles of thermionic energy conversion	1975
19760086553	Evaluation of power line transient suppressors	1975
19760086554	Automation of conversion of complex forms of graphic information	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086555	Improved surface treatments of titanium alloys for adhesive bonding	1975
19760086556	State of the art and prospects for development of input circuits of SHF receivers	1975
19760086558	Wideband optically coupled telemetry system	1975
19760086560	Temperature and stress effects on the mechanical properties of several polyurethanes	1975
19760086561	Constructing a theory for the strength of unidirectionally reinforced materials under pressure	1975
19760086563	Strategic reentry technology program (Street A II). Volume 2, task 4.3: Shock layer shattering of cloud drops in reentry flight	1975
19760086574	Manufacturing methods for multi-axis laser cutting	1975
19760086580	Use of ISO-freight containers in accordance with DIN 15 190 (transcontainer)	1975
19760086581	Stretch film: A solution for packaging problems	1975
19760086582	Lifting devices for universal and special-cover containers gross weight 2.5 (3.0) and 5.0 t basic dimensions. Technical requirements	1975
19760086583	Electric vehicles: Present and future prospects	1975
19760086587	Effect of gas-metal reactions on thermally sprayed coatings of titanium and TiAlV64	1975
19760086594	Destructive Physical Analysis (DPA) requirements general baseline document	1975
19760086597	Delta modulation to pulse code modulation digital code converter	1975
19760086598	SOS island edge profiles following oxidation	1975
19760086599	Guidelines for the selection of electrically-conductive adhesives for hybrid microcircuits	1975
19760086600	Criterion of complex signal synthesis	1975
19760086601	Large-volume polyphase signal systems	1975
19760086602	Optimum receivers for delay time measurement of pulse signals in the presence of fading	1975
19760086603	Detection of a radio pulse in a nonstationary noise by a phase-type autocorrelation device	1975
19760086615	MARK 56 mod 0 launch-phase rocket motor exhaust erosion tests	1975
19760086618	Selection and evaluation of bonding agents for HTPB propellants	1975
19760086620	Improved HAWK exit nozzle stress analysis	1975
19760086622	Refractory ceramic material	1975
19760086625	Energetics of organic electrodes for storage batteries	1975
19760086626	Heart Recovery Vehicle (HRV) test program	1975
19760086629	Carbon fiber and glass fiber reinforced epoxy resin	1975
19760086630	Bearing strength of bolted joints in carbon fiber reinforced plastics	1975
19760086631	Interlaminar shear strength testing of laminated reinforced plastics	1975
19760086632	Epoxy resins as a matrix for carbon fibers	1975
19760086633	Some basic considerations of research and development of composite materials	1975
19760086640	GaAlAs LED and injection laser diodes	1975
19760086651	Propagation of a focused laser beam in the atmosphere at 0.63 microns and 10.6 microns: Instantaneous intensity distribution	1975
19760086657	SHF SATCOM interference study	1975
19760086660	Investigation of the effectiveness of digital units for measuring the azimuth of a target	1975
19760086661	Scanning reception of frequency modulation as a method of optimum reception of signals with a large base	1975
19760086662	Optimum algorithms for constructing a pulsed coordinate meter under conditions of a two dimensional convergence problem	1975
19760086663	Soviet control center	1975
19760086674	Monthly bulletin: Canadian upper air data, November 1975	1975
19760086675	Monthly record: Meteorological observations in Canada, November 1975	1975
19760086677	The mechanisms of current induced degradation in a silicon doped GaAs infrared emitting diode	1975
19760086678	Operation Plan: Mid-Atlantic ridge experiment	1975
19760086680	Selected electrical parameter output characteristic tests on TTL low power Schottky devices on microelectronic circuits, gate, diffused, elements, glass, dual-in-line	1975
19760086681	Missile Attitude Measurement System (MAMS) brass-board feasibility model development and evaluation	1975
19760086682	Single access user earth terminal system design. Volume 1: Tradeoff analyses	1975
19760086683	Summary of SHF SATCOM interference study	1975
19760086684	Very low cost expendable harassment system design study, volume 3	1975
19760086686	Helicopter operation	1975
19760086689	Problems in the transonic range of rotor blade aerodynamics	1975
19760086699	Development, operation and maintenance of the nonnuclear Munitions Information Analysis Center	1975
19760086706	GOLDWINE (CARLOS) test and evaluation	1975
19760086712	Signal parameter estimation	1975
19760086713	Possibility of polygraphic printing of selected television transmission frames	1975
19760086714	Signal to noise ratio at the superregenerative receiver output	1975
19760086717	Main trends and methods of creating high-strength construction steels	1975
19760086718	A method of sampling for gas analysis	1975
19760086721	New reproduction methods for technical purposes	1975
19760086722	Improvement of technological processes in modern aerial photography	1975
19760086723	The application of engraving in making and updating maps	1975
19760086725	Feasibility of transition measurement by acoustic cross-correlation	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086726	An introduction to the trajectory Reconstruction Program based on an orientation seminar	1975
19760086749	OT-45, PVM-8, and RVTO weather documentation, AFCRL/Minuteman report	1975
19760086750	PVM-6 and PVM-7 weather documentation, AFCRL/Minuteman report no. 6	1975
19760086756	F-15 composite speedbrake	1975
19760086762	Digital radar signal receiver characteristics	1975
19760086763	A differential system of binary detection	1975
19760086767	Optimum echo-pulse quantization threshold in target azimuth measurement	1975
19760086769	Effectiveness of multistage search of a communication signal taking into account complexity of receiver	1975
19760086770	Seizure range of a joint system of phased automatic fine tuning and tracking following delay of a pseudorandom radio signal	1975
19760086771	Noise suppression of conditionally optimal reception of pseudorandom signals	1975
19760086778	Analytical and experimental studies of bow slam pressures and forces, including effect of flexible bag seals (FY75 loads and motions studies)	1975
19760086781	Plasma-arc remelting	1975
19760086782	Preparation of large forgings of important designation in a weld-forged form	1975
19760086787	Dynamic variable geometry centrifugal fan performance demonstration	1975
19760086788	Studies on welds of two high-tensile conversion hardening steels using filler metals of the same type	1975
19760086790	Test plan Undergraduate Pilot Training Instrument Flight Simulator (UPT-IFS) operational test and evaluation	1975
19760086794	Report on solid state ETS oscillator qualification testing	1975
19760086795	Hybrid microcircuits and analog switches/multiplexers, general specification for	1975
19760086799	Test report, crystal oscillator, 5.2224 MHz	1975
19760086816	Marine Aviation Requirements Study (MARS). Volume 1: summary report (U)	1975
19760086817	Marine Aviation Requirements study (MARS). Volume 2: Methodology supporting development of models (U)	1975
19760086842	Marine Aviation Requirements (1975-1984) Study (MARS) (U)	1975
19760086843	Marine Aviation Requirements (1975-1984) Study (MARS), volume 1 (U)	1975
19760086844	Marine Aviation Requirements (1975-1984) Study (MARS), volume 2 (U)	1975
19760086854	Vulnerability study. Phase 3: Executive summary (U)	1975
19760086855	Vulnerability study. Phase 3: Technical volume (U)	1975
19760086865	Laser-plume interaction program (U)	1975
19760086870	Investigation of destabilizing effect of fast alpha particles in a Maxwellian plasma	1975
19760086873	Plasma-wall interaction by ripple convection in toroidal devices	1975
19760086874	Dynamic analysis for the Pouliot variable displacement engine	1975
19760086876	Evaluation of effectiveness of solvents for solder flux removal from thick film and solder surfaces	1975
19760086877	Calculation of energy characteristics of the electrical discharge CO2 laser	1975
19760086878	Control theory for fusion reactors	1975
19760086879	Subgrain refinement strengthening	1975
19760086880	Electromagnetic coupling between Seafarer Elf antenna and electrical cables	1975
19760086881	Anodic activation treatments of nickel in nickel plating solutions	1975
19760086884	Subgrain refinement strengthening	1975
19760086885	Plasma and reactor parameters for a 150-MWth Tokamak experimental power reactor calculated on the basis of trapped-ion-mode confinement theory	1975
19760086888	Counter cyclonic generator: Conceptual design for a rotating capacitor system for the Tokamak Experimental Power Reactor	1975
19760086939	Performance testing and evaluation of a gas power source with fluidic programmer, volume 1	1975
19760086940	Performance testing and evaluation of a gas power source with fluidic programmer, volume 2 2	1975
19760086941	Hardness program: Non-EMP subsystem hardness assurance report for SAFEGUARD ground facilities. Volume 1: Executive summary	1975
19760086942	Hardness program: Non-emp subsystem hardness assurance report for safeguard ground facilities, volume 2	1975
19760086943	Polymer structures and properties. Part 5: Physical chemical properties of complex aromatic-heterocyclic polymers	1975
19760086945	The Bulgarian State Economic Association Balkancar	1975
19760086946	Purchase description for the jet blast deflector 4-way solenoid valve P/N 619447	1975
19760086947	Process of production of long-axis forgings by extension in a superplastic state	1975
19760086949	Windshield/Canopy/Support Structure (WCSS) life cycle cost and failure analysis	1975
19760086951	Air Force development test and evaluation of T/TF-15A cockpit human factors	1975
19760086973	Advanced Fighter Technology Integration (AFTI). Phase 1, volume 1: Study results and conclusions	1975
19760086974	Advanced Fighter Technology Integration (AFTI). Phase 1, volume 2, part 1: Subsystems description	1975
19760086975	Advanced Fighter Technology Integration (AFTI). Phase 1, volume 2, part 2, appendix 1: Phase 1 wind tunnel data summary	1975
19760086976	Advanced Fighter Technology Integration (AFTI). Phase 1, volume 2, part 3, appendix 2: Aerodynamic	1975
19760086977	Advanced Fighter Technology Integration (AFTI). Phase 1, Volume 2, Part 4 appendix 3: Crew station design mockup simulation	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086978	Advanced Fighter Technology Integration (AFTI). Phase 1, volume 2, part 5, appendix 4: Stress analysis and weights	1975
19760086979	Advanced Fighter Technology Integration (AFTI). Phase 1, volume 2, part 7, appendix 6: Piloted simulation data and analysis	1975
19760086980	Advanced Fighter Technology Integration (AFTI). Phase 1, volume 2, part 8, appendix 7: Task 1 trade studies	1975
19760086981	Advanced Fighter Technology Integration AFTI. Part 2: Near term demonstrator, phase 1. Summary technical report	1975
19760086982	Advanced Fighter Technology Integration AFTI. Part 4, volume 1: Near term demonstrator. Phase 1, task 2. Definition/refinement studies (MOD 265-1)	1975
19760086983	Advanced Fighter Technology Integration AFTI. Part 4, volume 3: Near term demonstrator. Phase 1, task 2. Definition/refinement studies aerodynamics and flying qualities	1975
19760086984	Advanced Fighter Technology Integration AFTI. Part 1: Near term demonstrator. Phase 1. Executive summary	1975
19760086985	Advanced Fighter Technology Integration AFTI. Part 4, volume 2: Near term demonstrator. Phase 1, task 2. Definition/refinement studies (Mod 265-2)	1975
19760086986	Advanced Fighter Technology Integration AFTI. Part 5: Near term demonstrator. Phase 1, task 3. Development plan	1975
19760086988	Deep ocean mining system availability model	1975
19760086989	Vulnerability of carrier tactical aircraft in Southeast Asia combat. Volume 3: Appendixes C, D, and E	1975
19760086990	Vulnerability of carrier tactical aircraft in Southeast Asia combat. Volume 1: Summary, text, results	1975
19760086993	An extension of the rapid method for flutter clearance of aircraft with external stores. Volume 3: Programmer's manual for FACES computer program	1975
19760086997	Frequency shifts under noise conditions	1975
19760086998	Studies on energy metabolism and capacity for physical exertion among infantrymen during operations in an Alpine zone	1975
19760086999	Effect of camouflage paint pattern on the surface-to-surface detection of vehicles	1975
19760087001	Qualification tests MC111-0019 Inconel 718, 108 KSI shear	1975
19760087002	Manufacturing technology for joining titanium alloys	1975
19760087007	Shock-on-shock pressure measurements at Mach 3 and 5 from rocket-propelled sled tests. Phases 2 and 3: Oblique intercepts. Volume 2: Test data	1975
19760087008	Antenna characteristics of a heterodyne receiver for CO ₂ -laser emission	1975
19760087011	Evaluation test of tri-state line driver on microelectronic circuits, drivers, diffused elements, glass, dual-in line	1975
19760087012	Evaluation test of inverter gate 5404W on microelectronic circuits, gate, diffused elements, glass, flat pack	1975
19760087031	Gyroscopic theodolite FMK-5	1975
19760087032	Determination of the average time between sequential erroneous detections for double-signal detector with a variable storage capacity	1975
19760087033	Digital phase measurement method accuracy in an environment of fluctuating noise and sinusoidal interference	1975
19760087034	Noncoherent two frequency signal detector operating in noise of unknown intensity	1975
19760087035	Detection of signal set with unknown parameters in noise of an unknown level	1975
19760087036	Determination of the optimal number of channels using integral methods in processing of oscillations	1975
19760087037	Importance of higher frequencies of the speech spectrum for its comprehension in noise	1975
19760087043	The 3-5 micrometer and 8-14 micrometer extrinsic silicon detectors	1975
19760087053	TOW/NODLR cooler-detector Dewar module	1975
19760087055	Manufacturing methods and technology measure for silicon PIN quadrant photodetectors	1975
19760087060	Ground radar aerial delivery system	1975
19760087069	Tape, electronic processing, magnetic oxide-coated	1975
19760087070	Analysis of lift fan dynamics	1975
19760087075	Rapidly expanding carbon plasma jets as potential lasing medium	1975
19760087078	Administrative aspects of vehicles designed specifically for urban use	1975
19760087079	Ruby and sapphire	1975
19760087087	Preparation of boron fibers	1975
19760087088	Investigation of the electrical conductivity of carbon and metal-carbon fibers based on oxidized cellulose and its salts	1975
19760087089	Possible applications of fiber-reinforced plastic parts, particularly carbon-fibre reinforced fuel tanks	1975
19760087090	Boron or carbon problems and prospects of high-strength reinforced plastics	1975
19760087091	The effect of formulation and technological factors on increase of frost resistance of a water-penetrable filled coating on a base of polyvinyl chlorides	1975
19760087092	Heat-resistant construction material on a ceramic base	1975
19760087094	Silicide oxidation-resistant coatings on graphite	1975
19760087095	The possibility of using protective coatings on fiber-reinforced materials	1975
19760087096	Study of the decomposition of nickel monoaluminide in the structure of heat-resistant coatings on nickel alloys	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760087097	Manufacturing of 1944 lithium reserve cells	1975
19760087098	Microelectronic hybrid coating system, application of, requirements for, general specification for	1975
19760087099	An evaluation of parameter stability in an optically coupled isolator	1975
19760087100	Improved ultraminiature split Vuilleumier refrigeration system	1975
19760087101	Preliminary design of a cryo-cooler for satellite sensors (CCSS), volume 1	1975
19760087103	Interaction of advanced composites with electromagnetic pulse (EMP) environment	1975
19760087110	Manufacture of turbine blades made of alloy ZhS6-KP	1975
19760087111	Protecting compressor blades from corrosion	1975
19760087112	Valcour EMP coupling tests	1975
19760087122	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1975
19760087123	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, epitaxial	1975
19760087124	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1975
19760087125	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1975
19760087126	Production assessment report NAVORD 2760115-1 on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1975
19760087127	Production assessment test report on resistors, fixed, metal film, precision, molded, .05 - .10 watt	1975
19760087128	Production assessment test report on transformers, audio frequency, enclosed, audio freq. NOC.	1975
19760087129	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor (Hi-Rel)	1975
19760087130	Connector, contact, electrical	1975
19760087131	Production assessment test report on capacitors, fixed, electrolytic, tantalum, solid hermetically sealed, lead mount, contractor (Hi-Rel)	1975
19760087132	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor (Hi-Rel)	1975
19760087133	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1975
19760087134	Production assessment test report on transformers, step-down, enclosed audio Freq NOC	1975
19760087135	Production assessment test report on microelectronic circuits, multivibrator, monolithic circuits, NOC, flat pack	1975
19760087136	Production assessment test report on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1975
19760087137	Production assessment test report on semiconductors, special type of, matched silicon, planar epitaxial	1975
19760087138	Production assessment test report on relays, latching, 1 to less than 5 amp, hermetically sealed, DPDT	1975
19760087139	Interlaminar stresses in a laminated finite strip under unidirectional extension	1975
19760087140	A boundary layer theory for laminated composites in plane stress	1975
19760087144	Coating, junction, silicone general specification for	1975
19760087146	Coating, hybrid, silicone, general specification for	1975
19760087149	Bipropellant valve seal material evaluation	1975
19760087151	Printed circuit card evaluation using Tesztomat equipment and TPA computer	1975
19760087152	Study of methods for frequency stabilization of fluidic oscillators	1975
19760087153	ECl model 1088 acoustic surface wave detector. ECl model 1117 circulating PSK matched filter	1975
19760087155	MUSTRAC-multiple target steerable Telemetry Tracker System improvements	1975
19760087163	Subscale flutter testing of TF41-A-100-LP1 blades	1975
19760087177	Qualification report on bipolar driver (L537 000 233)	1975
19760087178	Destructive physical analysis DPA, requirements for	1975
19760087180	F-5E performance tests	1975
19760087181	F-15 AFDT and E high-temperature desert test and climatic laboratory evaluation	1975
19760087187	B-52E CCV flight test data applicable to parameter estimation	1975
19760087189	Evaluation of capacitor to MIL-C-39003. Capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, to MIL-EST, REL	1975
19760087194	An assessment of USAF BDART data for A-1 and F-4 series aircraft	1975
19760087197	Analysis of army operational requirements for the tactical microwave landing system	1975
19760087203	Comprehensiveness: The most important thing	1975
19760087204	Device for recording the position of the axis of a light beam	1975
19760087206	Low visibility atmospheric propagation model development	1975
19760087207	Symposium on Combustion and Explosion (Abstracts)	1975
19760087211	Electrical and radiation characteristics of MOS/SOS linear devices	1975
19760087212	Radiation effects in charge coupled devices	1975
19760087213	Radiation hardening of CMOS/SOS devices using SiO2 gate oxides	1975
19760087214	Radiation effects on the silicon/sapphire interface of CMOS/SOS transistors	1975
19760087215	Radiation-induced surface states in MOS devices	1975
19760087216	Evaluation of QPL capacitors to MIL-C-19978 (ER). Capacitors, fixed, film, hermetically sealed, lead mount, MIL-EST, REL	1975
19760087219	Neutron-induced dose in tantalum	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760087230	Manufacturing methods and technology for large area silicon avalanche detectors	1975
19760087235	Capacitors, fixed ceramic	1975
19760087246	The 247 program over the horizon tactical reconnaissance for non-aviation ships. Phase 1: Feasibility concepts	1975
19760087248	Considerations in atmospheric refraction research	1975
19760087249	Devices for creation of artificial luminous clouds by means of ejection of trimethylaluminum	1975
19760087251	Determination of parameters affecting the law of kinematic corrections of reflected wave hodographs.	1975
19760087255	Production assessment test report on semiconductor, general purpose, silicon NPN, planar, metal can	1975
19760087256	Production assessment test report on semiconductors, special types of, matched, silicon, planar, epitaxial	1975
19760087257	Production assessment test report on semiconductors, diode, fast switching, silicon, diffused, glass	1975
19760087259	Production assessment test report on semiconductors, diode, general prupose, silicon, diffused, glass	1975
19760087260	Summary of test results - Risistor, fixed, metal film on resistors, fixed, metal film, precision, dipped, .10 watt	1975
19760087261	Microbridge substrate environmental test and evaluation 400 lot (uncoated units)	1975
19760087262	Thermal shock and bake testing of C4 substrates	1975
19760087263	Reverification test relay, armature	1975
19760087264	Production assessment test report on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1975
19760087265	Production assessment test report on relays, aramature, 1 to less than 5 AMP, hermetically sealed	1975
19760087266	Production assessment test report on semiconductors, special types of, field effect, silicon, planar epitaxial	1975
19760087269	Plasma focus experiment: A survey of available results and present knowledges	1975
19760087270	High voltage failure of Mylar energy storage capacitors	1975
19760087273	Finite difference equations for transport equation in toroidal geometry	1975
19760087274	Effect of plasma confinement and impurity level upon the performance of a D-T burning tokamak experimental power reactor	1975
19760087275	Parametric modeling of the linear theta-pinch FERF	1975
19760087277	Variational methods for controlled thermonuclear reactor blanket studies	1975
19760087281	Coil for a rapid cycling theta-pinch fusion Engineering Research Facility	1975
19760087283	Rapid-cycling, linear-pinch FERF	1975
19760087284	Nuclear design of the blanket/shield system for a tokamak experimental power reactor	1975
19760087285	Toroidal field strength requirements in Tokamak reactors	1975
19760087290	Shock and blast loads in large pulse, inertial confinement fusion reactors	1975
19760087299	The rain erosion characteristics of Concorde. Part 2: Investigations by whirling arm and rocket sled techniques	1975
19770004132	Space is for man	1975
19770004411	Structure of two-dimensional turbulent wall-jets in the presence of adverse pressure gradients	1975
19770005543	An application of ERTS technology to the evaluation of coal strip mining and reclamation in the northern Great Plains	1975
19770007627	LANDSAT. Non-US standard catalog no. N-34	1975
19770008078	Precise time dissemination experiment using the ATS-1 satellite	1975
19770008423	Interferometer for use in mines	1975
19770008952	DOD/NASA support operations management interface	1975
19770013640	Conference on energy models for the Federal Republic of Germany	1975
19770014478	Is there a maser in the silicon monoxide ground state	1975
19770015094	The Mg II h and k lines. II. Comparison with synthesized profiles and Ca II K	1975
19770016179	FLEXSTAB: A summary of the functions and capabilities of the NASA flexible airplane analysis computer system	1975
19770018668	Program definition for the development of geothermal energy. Volume 1: Background and program definition summary	1975
19770018669	Program definition for the development of geothermal energy. Volume 2: Program definition development rationale and subprogram descriptions	1975
19770018670	Program definition for the development of geothermal energy. Volume 3: Appendixes	1975
19770020446	Reactor safety systems	1975
19770025922	Basic principles of nuclear physics in radiation measurement and radiation shielding	1975
19770068802	Maintenance manual data bus interface unit circuit diagrams acceptance checkout equipment, volume 7	1975
19770069589	Supporting studies in cloud image processing for planetary flybys of the 1970's	1975
19770069590	Supporting studies in cloud image processing for planetary flybys of the 1970's	1975
19770069609	A comparison of computational methods and algorithms for the complex gamma function	1975
19770069610	Solvent-sensitivity of biaxially oriented poly (ethylene terephthalate) film	1975
19770069611	Viscoelastic behavior of elastomers undergoing scission reactions	1975
19770069612	Accelerated heat-aging studies on fluorosilicone rubber	1975
19770069613	Quantitative data on chromosome aberrations obtained by computer analysis	1975
19770069625	Institutional and environmental aspects of geothermal energy development	1975
19770069780	Thermal diffuse X-ray scattering in simple metals	1975
19770069781	Sequential and simultaneous SLAR block adjustment	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770069782	The Mongollon Plateau Volcanic Field Southwestern New Mexico, No. 3. Surface Expression of a Pluton	1975
19770069783	Structure, volcanicsstratigraphy, and gravity across the Mongollon Plateau, New Mexico	1975
19770069784	Volcanic Geology of the Mogollon Range and Adjacent Areas, Catron and Grant Counties, New Mexico	1975
19770069906	Workshop on Modeling the Urban Boundary Layer, summary	1975
19770069907	Evaluation of the Workshop on Modeling the Urban Boundary Layer	1975
19770069908	The physical basis of geomagnetism and geomagnetic reversals	1975
19770069926	Cosmic background noise temperature measurement at 13-cm wavelength	1975
19770069935	Meteorological rocket observations, effective 1 July 1975	1975
19770070148	Silicon ribbon growth by a capillary action shaping technique	1975
19770070149	Silicon ribbon growth by a capillary action shaping technique	1975
19770070787	Method for collecting naturally occurring airborne bacterial spores for determining their thermal resistance	1975
19770070853	Satellite situation report, volume 15, no. 6	1975
19770071214	On the stochastic stability of linear systems containing colored multiplicative noise	1975
19770071481	Satellite-tracking and earth dynamics research programs	1975
19770071907	Satellite-tracking and earth-dynamics research programs	1975
19770071967	Catalogue of data. Part A: Sounding rockets. Part B: Artificial earth satellites and space probes, 1 January - 31 December 1974	1975
19770072063	The exploratory experiment on the investigation of high multiplicity gamma-ray events	1975
19770072794	Synchronous earth observatory satellite/large earth survey telescope. Volume 1: Executive overview	1975
19770072795	Synchronous earth observatory satellite/large earth survey telescope. Volume 2: Mission definition	1975
19770072796	Synchronous earth observatory satellite/large earth survey telescope. Volume 3: Sensor system tradeoff studies	1975
19770072797	Synchronous earth observatory satellite/large earth survey telescope. Volume 4: Conceptual design of the earth resources/meteorological medium field sensor	1975
19770073070	Energy Conversion Alternative Study (ECAS)	1975
19770073666	Proceedings of the 10th International Symposium on Remote Sensing of Environment, Volume 1	1975
19770073667	Proceedings of the 10th International Symposium on Remote Sensing of Environment, Volume 2	1975
19770073827	Air motion determination by tracking humidity patterns in isentropic layers	1975
19770074274	Design and fabrication of specialized thermal test hardware for ground test evaluation of manned spacecraft thermal protection and thermal control systems	1975
19770074512	Advanced thermionic technology program	1975
19770075044	Aerothermodynamic Data Base	1975
19770075053	The lift-fan variable area propulsion control concept	1975
19770075072	Review papers prepared by members of the Mariner Jupiter/Uranus Science Advisory Committee for Mariner Jupiter/Uranus 1979 mission	1975
19770075076	Launch site processing of hazardous payloads. Volume 2: Hazardous payloads survey and analysis	1975
19770075080	Launch site processing of hazardous payloads. Volume 6: Environmental impact statement potential requirements	1975
19770075081	Launch site processing of hazardous payloads. Volume 7: Advanced technology requirements	1975
19770075690	NRL/ATM mission engineering data for S082A spectroheliograph exposures 1A-001 through 1A-019	1975
19770075693	NRL/ATM mission engineering data for S082A spectroheliograph exposures 3A-301 through 3A-500, revision	1975
19770075694	NRL/ATM mission engineering data for S082A spectroheliograph exposures 3A-001 through 3A-201	1975
19770075695	NRL/ATM mission engineering data for S082B spectrograph exposures 1B-001-1 through 1B-201-8, volume 1	1975
19770075696	NRL/ATM mission engineering data for S082B spectrograph exposures 1B-001-1 through 1B-201-8. Volume 2: Engineering data, MSFC	1975
19770075697	NRL/ATM mission engineering data for S082B spectrograph. Volume 3: Temperature data, MSFC	1975
19770075698	NRL/ATM mission engineering data for S082B spectrograph exposures 2B-001-1 through 2B-201-4, Volume 1	1975
19770075699	NRL/ATM mission engineering data for S082B spectrograph exposures 2B-001-1 through 2B-201-4. Volume 2: Engineering data, MSFC	1975
19770075700	NRL/ATM mission engineering data for S082B spectrograph. Volume 3: Temperature data, MSFC	1975
19770075701	NRL/ATM mission engineering data for S082B spectrograph exposures 2B-301-1 through 2B-500-1, Volume 1	1975
19770075702	NRL/ATM mission engineering data for S082B spectrograph. Volume 2: Engineering data, MSFC	1975
19770075703	NRL/ATM mission engineering data for S082B spectrograph. Volume 3: Temperature data, MSFC	1975
19770075857	The selection, installation, and airborne testing of an aircraft temperature and humidity sensor system	1975
19770076308	NRL/ATM mission engineering data for S082A spectroheliograph exposures ZA-301 through 2A-501	1975
19770076354	Mariner 10 post launch report no. 6 (results of TCM no. 6, 7, and 8 and Mercury 3 encounter sequence as of March 7, 1975)	1975
19770076357	Mariner Venus Mercury '73 post launch report no. 7: Mercury III encounter and mission termination	1975
19770076358	Viking mission post launch report no. 2	1975
19770076359	Viking-1 post launch report no. 1	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770076395	An automatic one- to eight-sample applicator for fast quantitative microelectrophoresis of plasma proteins, hemoglobins, isoenzymes, and cross-over electrophoresis	1975
19770076409	Development of containerless process for preparation of tungsten with improved service characteristics	1975
19770076425	Shock-produced olivine glass: First observation	1975
19770076748	Models to predict earth-air interface temperature regimes during freeze conditions	1975
19770076763	The dispersion relation for a nonlinear random gravity wave field	1975
19770076774	Plasma wave interactions with energetic ions near the magnetic equator	1975
19770076781	Comparison of spectroscopic and radiometric measurements of upper atmospheric water vapor	1975
19770076810	Laser application to measure vertical sea temperature and turbidity	1975
19770076944	Niobium-tin multifilament superconductor tape	1975
19770077054	Apollo 16 feldspathic melt rocks: Clues to the magmatic history of the lunar crust	1975
19770077063	Nonequilibrium stagnation region aerodynamic heating of hypersonic glide vehicles	1975
19770077160	Study of zero-g propellant gauging based on tank electromagnetic resonances	1975
19770077611	Sampling from the gamma distribution on a computer	1975
19770077710	Application of Features of the NASA Lunar Rover to Vehicle Control for Paralyzed Drivers	1975
19770077794	Apollo 17 specular power monitor data: Passive mode	1975
19770077983	Longitudinal vortices inducted in a stagnation region by wakes: Their incipient formation and effects on heat transfer from cylinders	1975
19770078304	The Morphology of energetic O(+) ions during two magnetic storms: Temporal variations	1975
19770079085	Net Primary Production of Spartina and Species Diversity of Associated Macroinvertebrates of a Semi-Improved Salt Marsh	1975
19770079086	Nest-Building Behavior and Food Habits of the Rice Rat, <i>Oryzomys Palustris</i> Natator, from Merrit Island, Brevard County, Florida	1975
19770079087	Morphological Variation and Local Distribution of <i>Cyprinodon Variegatus</i> in Florida	1975
19770079788	Generalized data management system. 6: Summary and recommendations	1975
19770079857	Life sciences Spacelab Mission Simulation-2 (SMS-2) experiments and operations requirements, revision A	1975
19770079858	Spacelab Mission Simulation 2 (SMS-2, data management plan	1975
19770079859	Life sciences Spacelab Mission Simulation 2 (SMS-2), interface control document	1975
19770079871	Test data from separation motor plume simulation test in the MSFC trisonic wind tunnel (shuttle test FA13, MSFC test TWT-612)	1975
19770079917	Hypergolic propellants liquid and vapor disposal, phase 4	1975
19770080066	The value of improved (ERS) information for crop forecasting with Bayesian speculators	1975
19770080067	The value of reducing the time delay in obtaining information	1975
19770080068	The value of information for crop forecasting in a market system	1975
19770080069	The value of information for crop forecasting in a market system with international trade: Theory and empirical results	1975
19770080070	A comparison of Skylab data to ERTS and high altitude imagery for manual land use interpretation	1975
19770080099	Solar heating and cooling systems for buildings: Technology and selected case studies, revision 1	1975
19770080200	Environmental microbiology as related to planetary quarantine	1975
19770080432	Search for X-rays from central region of cygnus loop nebula	1975
19770080466	Calibration of an 0-320-diad engine S/N L-894-X, for NASA	1975
19770080712	Problem for solar energy heating systems analysis	1975
19770080714	Energy Systems Optimization Program (ESOP), users guide, update 4, volume 3: Economic data base	1975
19770081113	Goddard mission analysis system mathematical specifications document	1975
19770081145	Statistical model for premixed turbulent flames	1975
19770081945	Methodology for the analysis of combustion products	1975
19770081971	Flaw growth behavior of 2124-T851 aluminum plate loaded in the short transverse grain direction	1975
19770082293	Laboratory simulation of magnetic storms	1975
19770082578	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 2: Ground-truth field observations of the agricultural stabilization and conservation service. Part 1: Huntington County, Indiana	1975
19770082579	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 2: Ground-truth field observations of the agricultural stabilization and conservation service. Part 2: Shelby County, Indiana	1975
19770082580	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 2: Ground-truth field observations of the agricultural stabilization and conservation service. Part 3: White County, Indiana	1975
19770082581	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 2: Ground-truth field observations of the agricultural stabilization and conservation service. Part 5: Fayette County, Illinois	1975
19770082582	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 2: Ground-truth field observations of the agricultural stabilization and conservation service. Part 6: Lee County, Illinois	1975
19770082583	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 4: Image analysis. Part 1: Crop identification extension	1975
19770082584	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 8: Data processing at the Earth Observations Division Lyndon B. Johnson Space Center. Part 1: Huntington County, Indiana	1975
19770082585	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 8: Data processing at the Earth Observations Division Lyndon B. Johnson Space Center. Part 2: Shelby County, Indiana	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770082586	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 8: Data processing at the Earth Observations Division, Lyndon B. Johnson Space Center. Part 4: Livingston County, Illinois	1975
19770083089	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 5: The First Earth Resources Technology Satellite (ERTS-1) data preparation	1975
19770083090	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 8: Data processing at the Earth Observations Division, Lyndon B. Johnson Space Center. Part 3: White County, Indiana	1975
19770083091	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 8: Data processing at the Earth Observations Division, Lyndon B. Johnson Space Center. Part 5, supplement: Fayette County, Illinois	1975
19770083092	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 8: Data processing at the Earth Observations Division, Lyndon B. Johnson Space Center. Part 6: Lee County, Illinois	1975
19770083093	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 8: Data processing at the Earth Observations Division, Lyndon B. Johnson Space Center; Part 7: Multitemporal analysis of Fayette County, Illinois	1975
19770083390	Research in the space sciences, volume 2, no. 2	1975
19770083391	Measurement of Lunar Magnetic Fields by Reflection of Low Energy Electrons	1975
19770083394	Kerogen structures in recently-deposited algal mats at Laguna Mormona, Baja California: A model system for the determination of kerogen structures	1975
19770083395	Isotope production cross sections from the fragmentation of O-16 and C-12 at relativistic energies	1975
19770083396	Evolutionary loss of ascorbic acid synthesizing ability	1975
19770083400	Crystal Chemistry of Pu and U and concordant fission track ages of lunar zircons and whitlockites	1975
19770083401	Track studies bearing on solar system regoliths	1975
19770083691	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 2: Ground-truth field observations of the agricultural stabilization and conservation service. Part 4: Livingston County, Illinois	1975
19770083692	Crop Identification Technology Assessment for Remote Sensing (CITARS). Volume 3: The first Earth Resources Technology Satellite (ERTS-1) multispectral scanner data acquisition	1975
19770083851	Evaluation of satellite-borne air pollution remote sensors	1975
19770083907	Review of lightning protection technology for tall structures	1975
19770084472	Advanced Atmospheric Sounder and Imaging Radiometer (AASIR)	1975
19770084477	Definition of lidar requirements for the AMPS laboratory	1975
19770084614	NSTL's capabilities for geothermal systems verification	1975
19770085046	Ultraviolet solar energy survey on OGO-6	1975
19770085072	Research in the Space Sciences. Volume 2, No. 3: Jul - Sep. 1975	1975
19770085082	Research in the space sciences. Volume 2, no. 1: January - March 1975	1975
19770085307	Multi-use Mission Support Equipment (MMSE) study. Volume 1: Executive summary	1975
19770085308	Multi-use Mission Support Equipment (MMSE) study. Volume 2: Appendix A: Equipment requirements analysis	1975
19770085309	Multi-use Mission Support Equipment (MMSE) Study. Volume 3: Appendix B: Equipment definition and inventory	1975
19770085310	Multi-use Mission Support Equipment (MMSE) study. Volume 5: Appendix D: Programmatic analysis	1975
19770085311	Multi-use Mission Support Equipment (MMSE) catalogue	1975
19770085326	The effect of rain on the Space Shuttle Orbiter microwave scanning beam	1975
19770085369	Expected charged particle radiation levels on LDEF	1975
19770085376	Long range prognosis for pattern working and pattern recognition	1975
19770085377	Aircraft comparative data, an extract from the Aeronautical Engineering Handbook	1975
19770085379	Hydrogen	1975
19770085382	Report of test on band pass filters, RPN 140247-1	1975
19770085389	Thermogravimetric-mass spectrometric polymer analysis	1975
19770085394	Title-Index, Operations Research 16, OR 186 - OR 197, 1975	1975
19770085395	ACMR evaluation, volume 2: Data collection instrumentation operational suitability	1975
19770085404	The Modular Radar Program (MRP) overview	1975
19770085406	An order detector of fluctuating signals in an undetermined noise level environment	1975
19770085407	Utility of radar imagery in the production of tactical terrain data. Military capabilities report	1975
19770085417	Avionics processor standardization at microcomputer level	1975
19770085419	Some methods of identification in closed systems	1975
19770085422	Evaluation of high ohmic value resistors to MIL-R-39017	1975
19770085427	Manufacturing methods for yttrium orthoaluminate laser materials	1975
19770085429	Laser satellite optical train technology assessment	1975
19770085430	Absolute determination of the total excitation cross sections of the noble gases by electron impact	1975
19770085435	Material specification magnesium powder general specification for	1975
19770085440	Method of electromagnetic calculation of a unipolar machine with a superconducting inductor	1975
19770085445	Noncontact turbogenerators with unguiform rotor for autonomous electrical energy sources	1975
19770085446	Calculating the pulse operating mode of synchronous generators used for charging a capacitor	1975
19770085447	Prospects and possibilities of MHD-combustion gas generators with air turbine for power plant use in the Federal Republic of Germany	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085449	Evaluation of an air bag supported seat	1975
19770085450	Porosity and some other physical properties of structural graphite	1975
19770085451	Erosion of carbides of transition metals of groups IV-VI in electron beam treatment	1975
19770085453	An inside-the-package corrosion inhibitor, powdered or in tablets	1975
19770085455	Effect of titanium alloying on decrease of plastic failure at a temperature of 500 C	1975
19770085456	Effect of shower cooling on the hardenability, hardness, and structure of martensite carbonaceous steel	1975
19770085458	Investigation of high level power switch on P-I-N diodes	1975
19770085459	Manufacture of very high voltage switches in the SKODA State Enterprise	1975
19770085462	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi rel	1975
19770085463	Production assessment test report on semiconductors, diode, voltage reference, silicon, diffused, glass	1975
19770085464	Correction of an irregular sunspot or facula for stray light	1975
19770085466	A microcomputer controlled data exchange and calling system for synchronous data communication	1975
19770085467	QAM and SSB modulation for data transmission over telephone lines including equalizer	1975
19770085468	Acute energy deprivation in man. Methodological problems and possibilities	1975
19770085471	Fiber reinforcements for polymers	1975
19770085472	Carbon fibers	1975
19770085473	Surface treatment of wrapping papers to improve resistance to grease	1975
19770085475	Precipitation behavior of high-speed steel during tempering	1975
19770085476	Economic recovery of used plastic films	1975
19770085477	New developments in degradable plastics	1975
19770085483	Semi-conductor, thyristor, silicon controlled rectifier	1975
19770085484	Life test evaluation of carbon composition resistors to MIL-R-39008	1975
19770085485	Life test evaluation of fixed film resistors to MIL-R-39017 on resistors, fixed, tin oxide, NOC, painted, .50-1 watt	1975
19770085486	Life test evaluation of fixed film resistors to MIL-R-39017 on resistors, fixed, tin oxidized, NOC, molded	1975
19770085490	Information modeling in clinical medicine	1975
19770085491	Production of hydrogen by catalytic reformation of methane	1975
19770085493	Instrumental determination of effect of atmospheric refraction on results of geodetic measurements	1975
19770085494	Some standardization problems in geodesy	1975
19770085504	Hardness assurance considerations for the neutron environment	1975
19770085509	Artillery telescope rangefinder TM-12	1975
19770085514	Determination of the mechanical properties of solid rocket propellants at high strain rates	1975
19770085520	Gun model methodology comparison	1975
19770085522	Evaluation of sealed metal detector dewars for fire control systems	1975
19770085526	Propagation mechanism of detonation in a two-phase medium	1975
19770085527	Periodic vibrations of a hot gas mixture flow around obstacles	1975
19770085532	Combustion processes of propellants and fuels	1975
19770085533	Not so un-real real time	1975
19770085534	Mie-LIDAR	1975
19770085536	Some elementary proofs of lower-bounds in complexity theory	1975
19770085537	Termination of nondeterministic programs	1975
19770085538	Galerkins method and Labatto points	1975
19770085546	The line printers of VIDEOTON	1975
19770085547	Development of computer peripheries at the videoton computer technology factory	1975
19770085548	Generation of approximations to harmonic time functions using Walsh functions	1975
19770085549	Density of probability distribution of the phase difference of the sum of a signal and correlated interference	1975
19770085550	Y parameters of some composite transistors	1975
19770085554	Methodology investigation of classification of vibration test techniques	1975
19770085563	Attitude control/engine control systems	1975
19770085567	Durability test of a Mazda rotary engine installed in an M151A2 truck	1975
19770085572	Field enhanced photo-emission in the infrared and a study of interface states at NEA surfaces	1975
19770085573	Limited qualification report on micro switch, a division of Honey-Well-keyboard type 11-6PX1-1 per Department of Defense drawing ON220447	1975
19770085575	Low cost, high performance target missile study	1975
19770085576	The evolution of Minuteman guidance and control	1975
19770085584	Transistors, silicon, p-n-p P/N AE-23213/9	1975
19770085585	Production assessment test report on semiconductors, special type of, matched, silicon, planar epitaxial	1975
19770085595	Development of fiber-base composites	1975
19770085596	Development of HME laminating resin	1975
19770085597	The rain erosion characteristics of Concorde, part 1	1975
19770085660	Asymptotic optimal detector of fluctuating signals in noise of unknown intensity	1975
19770085661	Combining rubbers with plastics and synthetic resins	1975
19770085665	Development of an electrostatic moisture and dust separator for aircraft environmental control systems	1975
19770085669	The effects of surface conditions and temperature on the absorptivity of titanium alloys	1975
19770085670	Liquid crystal/ferroelectric matrix addressable display	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085672	CMOS/SOS NAND gate sapphire photocurrent compensation	1975
19770085673	Radiation hardening of MOS integrated circuits on 111 silicon	1975
19770085675	Aircraft fuel tank/system S/V analysis. Volume 1: Technical report	1975
19770085680	Defense energy information system: System improvements; analytical techniques	1975
19770085689	Oceanography- and Navigation Literature Digest, Volume 12	1975
19770085696	B-52 CCV control system synthesis, volume 2	1975
19770085700	B-52 CCV fuel mileage improvement with augmented stability system, volume 6	1975
19770085701	PRESTO digital computer code user's guide. Volume 2: Executive level code	1975
19770085702	PRESTO digital computer code user's guide. Volume 6: Modeling library	1975
19770085703	PRESTO digital computer code user's guide. Volume 5: Interface and display codes	1975
19770085715	Diffusion under conditions of joining materials by pressure with preheating	1975
19770085716	Radiation and charge transport in SiO ₂	1975
19770085717	Radiation-induced injection effects	1975
19770085718	The freely vibrating piston diaphragm	1975
19770085719	A comparison of measured and calculated counterradiation spectra of the atmosphere	1975
19770085723	A solid fueled pressure recovery/scrubber system for a high-energy DF chemical laser, phase 1	1975
19770085725	The D-130 and D-160 engines	1975
19770085726	Six-cylinder aluminum V-engine (90 deg): New joint French-Swedish development	1975
19770085727	Peculiarities of using electronic methods of photography for aerospace study of earth's natural resources	1975
19770085728	Methodology investigation on development of improved methodology for marine testing of general and other military equipment	1975
19770085731	Evaluation of and recommendations for improved performance of the broadband high field intensity RF test chamber	1975
19770085733	Quality control in a calibration laboratory	1975
19770085736	Effects of buffer materials in protection of underground structures	1975
19770085739	General specifications for electronic parts screening tests	1975
19770085742	Experience gained in operation of thyristor high-voltage switches and prospects for their introduction	1975
19770085743	Investigation of the characteristics of devices with surface charge transfer	1975
19770085744	Evaluation of transparent antistatic polyethylene (RC AS-1200) for packaging parts and devices	1975
19770085746	Production assessment test report on semiconductors, transistors, field effect, silicon, N-channel, planar, metal can	1975
19770085747	Qualification report on capacitor, metallized, polycarbonate on capacitors, fixed, film, metallized, molded, lead mount, contractor hi-rel	1975
19770085754	New flash lamps with stable emission parameters	1975
19770085755	Developments of methods of thermomechanical treatment of metallic materials with substructure hardening	1975
19770085756	The effect of ultrasonics on hardness and hardenability of steel	1975
19770085758	Report of evaluation of high ohmic value resistors to MIL-R-55182, characteristic K on resistors, fixed, metal film, precision, painted .25 watt	1975
19770085761	Materials assurance engineering (13-1007048-1) on semiconductors, transistors, fast switching, silicon, NPN, diffused, metal can	1975
19770085762	New uses of methanol in chemistry	1975
19770085763	Problems of automation of cartographic operations discussed at the 7th International Conference on Cartography	1975
19770085764	Application of optico-mechanical devices to relief mapping on basis of high-altitude photographs	1975
19770085769	Holographic study on boundary and cavitation phenomena	1975
19770085770	Utilization of the maximum value store for the level frequency count with intermittent work noise	1975
19770085771	Aviation and noise	1975
19770085772	Array simulators	1975
19770085773	Some experiments on one-side welding with various backing materials. Part 3: Mechanized welding with flux cored wire and braided wire, horizontal position	1975
19770085774	Two-level difference schemes with varying mesh sizes for the shallow water equations	1975
19770085775	Nonlinear parameter estimation in initial value problems	1975
19770085777	Fluidic pulse-compensator with PD characteristics	1975
19770085778	Report of evaluation on high ohmic value resistors to MIL-R-55182, characteristic K	1975
19770085783	Turbofan engines	1975
19770085784	Aircraft engines: Route of progress	1975
19770085785	Experimental investigation of laws of change of main and precombustion-chamber metering of gasoline in a two-injector fuel injection and fuel-spray ignition system	1975
19770085787	Evaluation of JM 38510/02105 BCB on microelectronic circuits, logic, diffused elements, glass, dual-in line	1975
19770085789	Evaluation of 14 pin dual-in-line resistor network (R8667P1)	1975
19770085802	Hypersonic turbulent heat transfer in regions with entropy layer effects	1975
19770085808	Advanced protective materials for reentry. Part 2: Three-dimensional reinforced carbon/plastic nose tip skirts	1975
19770085811	Investigations of the variation of combat model predictions with terrain line of sight	1975
19770085815	Manufacturing methods and technology measure (MMTE) fabrication of 18mm image	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085816	Failed part analysis report, attitude and control system	1975
19770085817	Failed part analysis report, attitude and control system	1975
19770085822	Construction analysis report on semiconductors, transistors, field effect silicon, N-channel, epitaxial metal can	1975
19770085824	Evaluation test-R. F. coupler (1617871-001)	1975
19770085825	Transformers, pulse, high reliability	1975
19770085827	Optical characteristics of a water aerosol in the infrared spectral region. 1: Attenuation, scattering and absorption efficiency factors	1975
19770085836	Comparison of Bekesy auditory threshold for narrowband noises and pure tones in those with normal hearing and those with noise-induced impairments	1975
19770085839	Microfiche production and dissemination at Rockwell International	1975
19770085842	Analytical simulation of exact gyro motion on a test stand	1975
19770085844	Loopwheel demonstration vehicle cost analysis	1975
19770085847	The determination of time-weighted average pressures in strongly fluctuating flows, especially in turbo machines	1975
19770085848	Parameters of radio-navigational safety facilities for flights and their measurements	1975
19770085849	Nuclear radiation induced noise in infrared detectors	1975
19770085850	Potential noiseproof feature of a field transducer	1975
19770085852	Aircraft navigation system verification, program 688G, Litton LTN-72 inertial navigation system alert align testing	1975
19770085855	Enhanced plotting software for use with the Houston Instrument COMPLOT Plotter	1975
19770085857	Feasibility of silicon infrared imager	1975
19770085860	Effect of scatter on adaptive nulling	1975
19770085863	Manufacturing methods and technology measure for silicon PIN Quadrant photodetectors	1975
19770085868	Special purpose wild T20 theodolite	1975
19770085871	Comparative evaluation of militarized commercial hand-held stabilized optical viewing devices	1975
19770085878	Hypergolic/fluid jet mine neutralization	1975
19770085887	High strength carbon ablative materials. Part 2: Oriented compacts from nonacrylic and modified acrylic precursors	1975
19770085890	Target instrumentation study	1975
19770085897	Orbiter elevon actuator assessment	1975
19770085903	Characteristics and applications of bluff bombs. Volume 1: Characteristics and appendices	1975
19770085906	Night vision sight, infrared. AN/TAS-4(), AN/TAS-6()	1975
19770085907	Design investigation of 30/25 mm gun system in the F-15 aircraft	1975
19770085926	Qualification test report for MD111-4025-0416 per Rockwell International specification MC111-0019 for Rockwell International Space Division	1975
19770085931	Investigation of maintenance problems associated with the F/FB-111 AN/AAR cryogenic converter	1975
19770085933	Failure analysis of a broken wire seal, boattail area, SIB 210, ASTP	1975
19770085934	Failure analysis of length of stainless steel tubing, 1/4 inch by .035 inch which failed in hydrostatic test at 9000 lb/sq. in. gage	1975
19770085938	Qualification test report for MD111-4027-1464	1975
19770085942	Failure analysis of an Aero Products solenoid valve, NASA P/N 75M08822-3, Service Arms System, ASTP, GSE for failure to indicate an actuation command	1975
19770085947	Oscillators and signal generators, crystal, 3-30 MHz, models CO-231 and CO-231T-3	1975
19770085948	Test report, 5 VDC power supply series regulated	1975
19770085956	C-5A AFCS roll rate investigation	1975
19770085962	Semiconductor opto-isolator evaluation	1975
19770085966	Malfunction investigation report, fuel depletion sensor	1975
19770085973	Used oil as a source of raw material and energy	1975
19770085974	Optical characteristics of a polydispersed cloud in the infrared spectral region	1975
19770085982	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1975
19770085983	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1975
19770085987	Preliminary hazard analysis - B-1 avionics defense system	1975
19770086006	Airborne conformal electronic scanning array	1975
19770086009	Evaluation of the carbon stress gauge subjected to simultaneous rapid heating and Gruneisen stress	1975
19770086019	How program statements transform predicates	1975
19770086020	The MC ALGOL 68 test set	1975
19770086021	Repairing the parenthesis skeleton of ALGOL 68 programs: Proof of correctness	1975
19770086022	Textual management in an ALGOL 68 compiler	1975
19770086023	Context sensitive table Lindenmayer languages and a relation to the LBA problem	1975
19770086036	Minuteman 3 propulsion system rocket engine ten-year surveillance program	1975
19770086038	Flame test vehicle program	1975
19770086039	Nondestructive testing of launch tube closures	1975
19770086044	Malfunction investigation: Marotta solenoid valve, P/N 75 M09285-2, S/N214, service arms system, ML-1	1975
19770086047	Characteristics and applications of Bluff bombs. Volume 2: Applications (U)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086055	Third generation 0.9 micron 18 mm wafer image intensifier tube (U)	1975
19770086065	X-ray produced EMP effects at oblique incidence (U)	1975
19770086069	Optical beamrider performance in an adverse environment: A preliminary assessment (U)	1975
19770086070	Ground to air ranging with the AN/AAG-7 (U)	1975
19770086168	Minuteman flight analysis report. Volume 1. Basic performance. Ogden special launch-launch number 1-degraded liner investigation: FTM 5686 WS-133 AM.341 (U)	1975
19770086181	Advanced surface-to-surface missile study-75 (U)	1975
19770086193	Tokamak experimental power reactor	1975
19770086195	Saturated time-delay transformer for overcurrent protection of DC accelerators	1975
19770086232	Marine Aviation Requirements Study (MARS) campaign model computer program manual. Volume 1. Command management manual	1975
19770086233	Marine Aviation Requirements Study (MARS) campaign model computer program manual. Volume 2. Computer operation manual	1975
19770086235	Marine Aviation Requirements Study (MARS). Volume 3. Marine Aviation Requirements Simulation Model (MARSIM), description and operating instructions	1975
19770086236	Marine Aviation Requirements Study (MARS). Volume 4. Marine Aviation Requirements Mathematical Programming Model (MARMAP), description and operating instructions	1975
19770086242	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1975
19770086243	Production assessment test reports on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1975
19770086244	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1975
19770086245	Production assessment test report on microelectronic circuits, amplifier, hybrid circuits, NOC, flat pack	1975
19770086246	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1975
19770086252	FM narrow band pulse signal processing in multichannel systems with maximum value selection	1975
19770086253	Construction of a set of filters with the use of a delay line	1975
19770086281	Extended application and modification of a portable explosive identification kit for field use	1975
19770086306	The design error contribution to failure	1975
19770086307	Call-by-value versus call-by-name: A proof-theoretic comparison	1975
19770086309	Long range research and development planning study. Volume 2: Appendices	1975
19770086313	Bathymetric interference of long-range low-frequency sound propagation, volume 2	1975
19770086317	Evaluation test plan for tantalum electrolytic capacitors to MIL-C-39006/09	1975
19770086318	Air Force Software Library users guide	1975
19770086326	Qualification of Mason Electric Corp. high current rotary switches to the requirements of GE Drawing 7527448P1	1975
19770086327	Qualification of Dale resistor, 7540563	1975
19770086328	Evaluation of TRW low noise voltage regulator diodes to GE Drawing 7539976P1	1975
19770086329	Production assessment test report on relays, armature, 1 to less than 5 amp, hermetically sealed, DPDT	1975
19770086331	Device evaluation test report on crystals, frequency control, quartz	1975
19770086332	Inductor, audio at 1MH + or - 10% 1 KHz, 0.40 ohms max DC resistance 0.5 amps, Q factor 8.0 min.	1975
19770086334	Reed relay evaluation for PABX	1975
19770086336	PABX pushbutton switch operating life test (8781518-1)	1975
19770086339	Resistor, fixed film (insulated, 1/8 watt)	1975
19770086340	Resistor, fixed film (insulated, 1/8 watt)	1975
19770086341	Resistor, thermal, 3000 ohms at 25 C	1975
19770086342	Semiconductor device diode (capacitance)	1975
19770086344	MPLSM/ZMT improvement computer program for generating ZMT program tapes	1975
19770086347	Core, memory unit	1975
19770086348	Qualification report on General Connector Corp. connectors	1975
19770086349	Qualification report on card insertion, connector	1975
19770086350	ARL high resolution display system user's manual	1975
19770086351	A high resolution computer controlled display system	1975
19770086352	Transistor, power TX type semiconductors, transistors, power, silicon, PNP, diffused, metal can	1975
19770086353	Transistor, power, TX type on semiconductors, transistors, power, silicon, PNP, diffused, metal can	1975
19770086354	Transistor, power TX type semiconductors, transistors, power silicon, NPN, diffused metal can	1975
19770086355	Semiconductors, diode, photo-sensitive silicon, diffused, metal. Photo diode	1975
19770086356	Report of test on relay, armature, RPN 351441-1	1975
19770086360	Semiconductor device diode	1975
19770086361	Semiconductor device, diode	1975
19770086362	Diode, high voltage rectifier	1975
19770086363	Transistor, power, TX type	1975
19770086364	Qualification test report, silicon controlled rectifier, process change - general electric	1975
19770086366	Report of screening of Schottky barrier diodes 1N5711 (H. P. 5082-2800)	1975
19770086367	Switch qualification PN MS 8805/96-002	1975
19770086368	Radiation test of Hewlett-Packard type 5082-4365. Semiconductors, special types of, optically coupled isolators, gallium arsenide, other, NOC	1975
19770086369	Resistor, variable composition, 10 K ohms, + or - 10%	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086387	An investigation into the possible causes of failure of the Lapwing nozzle	1975
19770086396	Response of a tungsten calorimeter to FNAL proton beams	1975
19770086406	Cautions to be observed when measuring bar code ink reflectivity	1975
19770086411	Utilization of methanol in engines with controlled ignition	1975
19770086413	Some aspects of the decontamination of optical instruments	1975
19770086424	Thermal mechanical, and brittle-to-ductile behavior of thoriated tungsten	1975
19770086427	Aircrew selection and medical surveillance	1975
19770086429	F-4E vulnerability sensitivity study, volume 2, appendix B	1975
19770086430	The 300 gallon tank and triple ejector rack flight clearance program, phase 2	1975
19770086435	The stream engine: A realistic alternative	1975
19770086436	Cold starting of automotive engines at low temperatures	1975
19770086442	Evaluation of critical parameters. Capacitors, fixed, ceramic, molded, lead mount, MIL-established reliability	1975
19770086443	Evaluation of critical parameters. Capacitors, fixed, ceramic, molded, lead mount, MIL: Established reliability	1975
19770086461	Service life evaluation program report (H038-A2C)	1975
19770086462	Service life evaluation program report (H038-A2C)	1975
19770086471	Report of evaluation on high OHMIC value resistors to MIL-R-55182, characteristic K	1975
19770086475	VIBRA-5 and PREP-5 user's manual	1975
19770086477	Qualification report on connectors	1975
19770086478	Transistor, TX type 2N6032 semiconductors, transistors, power silicon, NPN, diffused, metal can	1975
19770086487	Bibliography on swaging	1975
19770086503	Deep submergence aspects of lithium-seawater power cell	1975
19770086507	Dust storm distributions in the tropics	1975
19770086521	Improved erosion resistant materials (U)	1975
19770086538	F-4E vulnerability sensitivity study, volume 1 (U)	1975
19770086563	Infrared hologram optics techniques (U)	1975
19770086565	Methodology investigation of production armor ballistic acceptance data (FY 1975) (U)	1975
19770086569	Guidance avionics for Medium Range Air-to-Air Missile (MRAAM) (U)	1975
19770086582	Very low cost expendable harassment system design study. Volume 1. Executive summary (U)	1975
19770086583	Very low cost expendable harassment system design study, Volume 2 (U)	1975
19770086598	Minuteman flight analysis report. Volume 1: Basic performance. LGM30F operational test phase 2 program. Launch number 23, FTM 2 (U)	1975
19770086608	Safeguard EMP/RFI lessons learned. Volume 2, part 3, appendix G: Par site test data report (U)	1975
19770086624	Application of global positioning system to tactical missile guidance (U)	1975
19770086649	Booster separation motor configuration management plan	1975
19770086650	Booster separation motor government furnished property maintenance plan	1975
19770086657	Wave theory of sound in turbulent media	1975
19770086658	Unsteady pressure distributions on airfoils in cascade	1975
19770086661	Elemental composition and genesis of olivine-pyroxene achondrites	1975
19770086732	Development of coating repair procedure-AEGIS	1975
19770086733	Process specification: Positioning with dowel pins using hysol C9-4183/H2-3561	1975
19770086734	Conformal coating test program	1975
19770086735	Process specification: Sealing and bonding with General Electric RTV-60 and RTV-88 silicone rubber	1975
19770086736	Process specification: Sealing and bonding with Crest 7343/7139	1975
19770086737	Process specification: Adhesive bonding with optical grade Sylgard XR-63-489	1975
19770086738	Process specification: Adhesive bonding of bearings with Devcon F	1975
19770086739	Process specification: Locking and sealing with Loctite	1975
19770086740	Process specification: Adhesive bonding with epoxi-patch kits	1975
19770086747	Electronic governor for internal combustion engines	1975
19770086754	Evaluation of rheological properties of flame fuels using a capillary extrusion rheometer	1975
19770086759	Application of long-base radio interferometry and laser ranging of the moon in geodesy	1975
19770086760	Selection of initial points for the study of horizontal movements of the earth's surface	1975
19770086769	Utilization of computer analysis for major design decisions for large-scale systems	1975
19770086780	Qualification report on interconnecting cable manufactured by component manufacturing services per DOD DWG. ON217341	1975
19770086794	Recorder-reproducer, digital data	1975
19770086795	Yig-tuned RF oscillator	1975
19770086796	Dual-retrig, resettable, monostable multivibrator microelectronic circuits, digital, monolithic, multivibrator, TTL, dip ceramic	1975
19770086800	Connector, electrical, plug	1975
19770086801	Connector, electrical, receptable	1975
19770086802	Indicator, events-6 digit	1975
19770086803	Amplifier-mixer	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086807	Integrated circuit, NAND buffer, qualify redesigned die on microelectronic circuits, digital monolithic, buffer transistor-transistor logic, flat, ceramic	1975
19770086808	Package evaluation, 16 pin dual-in-line FJ on microelectronic circuits, linear, monolithic, amplifier, collector diffusion, dual-in-line, ceramic	1975
19770086809	Integrated circuit electrical and environmental evaluation on microelectronic circuits, digital, monolithic inverter, transistor-transistor logic, flat ceramic	1975
19770086810	Filter, bandpass: YIG	1975
19770086811	Converter, analog to digital (dual-input)	1975
19770086813	Filter, radio interference	1975
19770086815	Report of test on power transformers, RPN 434720-1	1975
19770086816	Report of test on power transformer. RPN 554802-1	1975
19770086817	Report of test of transformer, power, three-phase, RPN 353236-1	1975
19770086818	Improved low-cost rocket motor processing and component development study	1975
19770086820	Linear linkless feed system technology	1975
19770086821	Foam neutralization of improved explosive devices	1975
19770086825	Radiation-induced surface states in MOS devices	1975
19770086829	A parametric investigation of the effects of varying the material properties of a heavy metal penetrator	1975
19770086843	Connector-electrical, printed circuit board, micro miniature	1975
19770086844	Filter, band pass (697729-1)	1975
19770086845	Filter, band pass (697730-1)	1975
19770086846	Filter, band pass (699668-1)	1975
19770086847	Filter, band pass (745026-1)	1975
19770086848	Limited quality conformance inspection of Motorola microcircuits (7534539P11) to the space programs a+2 requirements	1975
19770086849	Evaluation of signetics TTL dual, 2 wide, 2 input and-or-invert gate (5450)	1975
19770086858	Communications engineering: Programmed and stored terminology and laws in Fourier and Walsh-Fourier analysis	1975
19770086860	Causes, survival rate, and incidence of poor weather affecting distress air cases	1975
19770086872	Lasers in experimental surgery	1975
19770086873	The course of acute hemorrhaging at high altitudes: An experimental study	1975
19770086875	Multiport multiplex program	1975
19770086878	Features of mobile radio communications in VHF range	1975
19770086879	Statistical longterm analysis of speech sounds based upon critical band width	1975
19770086888	Flyout. A digital computer simulation of the AIM-9E/J. Volume 1: User manual AIM-9E/J	1975
19770086894	Experimental remotely manned vehicle system (XRMV-001)	1975
19770086896	Eye-movements and related performance in SAR visual service	1975
19770086903	Laser beam propagation in a long solenoid	1975
19770086907	The development of algorithms for the formation and updating of tracks	1975
19770086912	Performance evaluation of electro-optical and photometric systems	1975
19770086915	Ferroelectricity research proposed for 1975 State Prize	1975
19770086918	Some results of investigations of MHD generators with non-equilibrium conductivity	1975
19770086920	A generalized digital computer program to compute the lateral airframe transfer functions for a roll-to-turn vehicle	1975
19770086925	Third and fifth order surface fits	1975
19770086932	Parts, reliability failure analysis, QA screening tests capacitors	1975
19770086933	Parts, reliability failure analysis, QA screening tests, capacitors	1975
19770086934	Parts, reliability failure analysis, QA screening tests, diodes	1975
19770086935	Parts, reliability failure analysis, QA screening tests, inductor	1975
19770086936	Parts, reliability failure analysis, QA screening tests, relays	1975
19770086937	Parts, reliability failure analysis, QA screening tests, resistors	1975
19770086938	Parts, reliability failure analysis, QA screening tests, transistors	1975
19770086939	Parts, reliability failure analysis, QA screening tests, capacitors	1975
19770086940	Parts, reliability failure analysis, QA screening tests, diodes	1975
19770086946	The effects of additives on piston ring scuffing	1975
19770086950	Relationship between strength and structure in deformation at elevated temperature	1975
19770086972	Reliability construction analysis report semiconductor diode, regulator, 250mW	1975
19770086973	Real-ear sound attenuation of selected communication headsets available through the Federal supply system	1975
19770086976	Evaluation of solid tantalum chips capacitors	1975
19770086977	Evaluation of capacitors to MIL-C-39003	1975
19770086985	Methods of determining the compatibility of explosives with polymers	1975
19770086986	LMP-3 computer model of air target behavior	1975
19770086988	Economic and industrial aspects of French electro-nuclear policy	1975
19770086990	Application of protective coating by electrophoretic methods	1975
19770087005	Thermoelectric generators utilizing semiconductor thermocouples	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087006	Qualification test report primary electronic battery	1975
19770087009	MK 98 module qualification test report	1975
19770087010	MK 98 module qualification test report	1975
19770087013	Four-dimensional amplitude-phase modulation based on lie groups	1975
19770087036	Imaging IR guidance unit, long lead productibility program, phase 1	1975
19770087044	Particulate erosion of glass surfaces at subsonic velocities	1975
19770087045	EC-135 assessment details and critical areas	1975
19770087047	Ground-based power sources for aircraft	1975
19770087051	Semiconductor device diode capacitive	1975
19770087054	Process specification: Locking and sealing threads with Nylok VC-3	1975
19770087055	Process specification: Adhesive locking of bolt and screw heads	1975
19770087056	Process specification: Adhesive bonding with Sylgard 182 or 184	1975
19770087057	Process specification: Adhesive bonding with Crest 7345/7145	1975
19770087058	Process specification: Adhesive bonding with devcon A or B steel filled, F or F-2 aluminum filled	1975
19770087060	Process specification, activation and handling battery and cells, secondary instrumentation	1975
19770087065	Effects of microstructure and size distribution of aerosol particles on optical characteristics of aerosols	1975
19770087066	Survivability/vulnerability safety margin assessment	1975
19770087074	Advanced radar reflector studies	1975
19770087081	Systems evaluation of the YF-16 prototype aircraft	1975
19770087082	Systems evaluation of the YF-17 prototype aircraft	1975
19770087086	Human factors research programme, list number 20. Part 1. Summary of APRE work programme (U)	1975
19770087087	The military-technical goals for a liaison and observation helicopter (VBH)	1975
19770087112	Tactical program functional description. F-14: Tape 109B, volume 3D (U)	1975
19770087113	Tactical program functional description. F-14: Tape 109B, volume 3E (U)	1975
19770087114	Tactical program functional description. F-14: Tape 109B, volume 3F (U)	1975
19770087115	Tactical program functional description. F-14: Tape 109B, volume 3G (U)	1975
19770087117	Description of the SGEMP computer code: SEMP (U)	1975
19770087121	Effects of resolution, sampling ratio, and incoherent integration on SAR radar performance (U)	1975
19770087122	Radar reflectivity characteristics of specific rural scenes obtained from FLAMR Digital SAR imagery (U)	1975
19770087123	Effects of input signal-to-noise ratio and analog-to-digital converter precision on the performance of a digital SAR (U)	1975
19770087136	Propulsion Component Technology (PCT)-combustor component development program (U)	1975
19770087165	Ground-to-air ranging and signature measurements with the modified AN/AAG-7 (U)	1975
19770087194	Rare-earth and other elemental abundances in Allende inclusions	1975
19770087195	Cosmic-ray scintillations. 4: The effects of non-field-aligned diffusion	1975
19770087197	Dynamic shielding of a charge in a metal	1975
19770087198	Meteoritic material in four terrestrial meteorite craters	1975
19770087200	Sleep profiles of insomnia and hypnotic drug effectiveness	1975
19770087206	Is the solar system expanding?	1975
19770087207	The Jovian magnetosphere and magnetopause	1975
19770087208	Spectra line similarity in the geomagnetic dipole field variations and length of day fluctuations	1975
19770087211	Hypnotic drugs and performance: A review of theoretical and methodological considerations	1975
19770087212	Instrumentation for solar and cosmic X-ray spectroscopy	1975
19770087213	Doppler-shifted emission from hot atoms on Io	1975
19770087215	Scattering in the atmosphere of Venus I line profiles and curves of growth for isotropic scattering	1975
19770087216	Measurement of the abundance ratio of cosmic ray medium charge nuclei by a charged particle telescope and its feasibility for the isotopic study	1975
19770087217	SNAP-27 mission assessment, summary	1975
19770087218	Methodology of sleep laboratory drug evaluations: Further considerations	1975
19770087219	Ancient meteoritic component in Apollo 17 boulders	1975
19770087220	Laser absorption spectroscopy: A method for monitoring complex trace gas mixtures	1975
19770087227	MIL-STD-454 review	1975
19770087232	Production of hydrogen by catalytic reformation of methane	1975
19770087241	Connector, receptacle, electrical (351332-1)	1975
19770087255	Measuring light levels within pyrotechnics	1975
19770087259	BMDATC software development system. Volume 1: Program overview	1975
19770087260	BMDATC software development system. Volume 2: Research description	1975
19770087264	A portable eight channel data retrieval system	1975
19770087265	Lithium sulfur dioxide batteries in CF helicopters: A potential toxic hazard	1975
19770087267	Computer design of transitional-Thomson-Butterworth low-pass filters	1975
19770087268	Symmetrical excitation of an infinite dielectric cylinder	1975
19770087270	Reduction and analysis of laser measurement data	1975
19770087272	Clutch, positive (353132-4)	1975
19770087273	Process specification: Adhesive bonding using 3M EC-2216	1975
19770087280	Recess torque evaluation: Torq-set/Torx/socket head screws	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087282	Failure analysis of a Marotta solenoid valve, P/N 10425701-2, S/N 219, industrial water system, ML-1, ASTP GSE, for failure to indicate an actuation command	1975
19770087287	Closeout configuration evaluation test graphite/epoxy PBD	1975
19770087288	State of the art of power metallurgy	1975
19770087292	Possibilities for use of the electron microscope in the study of composite materials with organic matrices	1975
19770087294	Electrical and environmental evaluation integrated circuits-54LS86	1975
19770087296	An adaptive recursive digital filter	1975
19770087297	Determination of the center of a binary-quantized signal packet	1975
19770087298	Rank detection rule for radar signals in unknown noise	1975
19770087299	Malfunction investigation of a lonergan pressure relief valve, p/n 12W204M, from a LH2 trailer	1975
19770087300	Failure analysis of two Marotta solenoid valves, P/N 202873-113, S/N's 24011 and 24029, LES water deluge system, ML-1, ASTP GSE, for intermittent operation	1975
19770087301	Malfunction investigation of two Marotta pressure regulators, P/N 75M08829-5, S/N's 113 and 130, service arms system, ML-1, ASTP GSE, complex 39B	1975
19770087302	Failure analysis of two Custom Components pressure switches, NASA P/N 75M06690-2, S/N's 040 and 002, ML-1 service arms system, ASTP GSE, for failure to sense system pressure	1975
19770087303	Malfunction investigation of a Marotta solenoid valve, model MV-130V, P/N 10437739, S/N 143, from the GSE pneumatics systems, S-1B stage, ML-1, ASTP	1975
19770087304	Failure analysis of a marotta solenoid valve, P/N 75M08824-6, S/N 153, F/N A5641-7, service arms system, ASTP GSE, for seat leakage	1975
19770087306	Parts, reliability failure analysis, QA screening tests, microelectronic circuits	1975
19770087307	Parts, reliability failure analysis, QA screening tests, microcircuits	1975
19770087308	Parts, reliability failure analysis, QA screening tests, microcircuits	1975
19770087309	Parts, reliability failure analysis, QA screening tests, microcircuits	1975
19770087310	Synthesizing the optimum filtration and correction circuit in a phase-lock AFC system which isolates from noise, the signal frequency modulated by a sinusoid	1975
19770087313	Electrical and environmental evaluation of microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, flat, ceramic	1975
19770087314	Tapered asymmetric microstrip magic tee	1975
19770087328	France counts on nuclear energy to overcome energy crisis	1975
19770087330	Failure analysis MMI-05	1975
19770087332	Reliability assurance data source index	1975
19770087335	Neutron activation analysis for twenty rare elements in lunar samples	1975
19770087336	Flight performance of the 102-cm balloon-borne far-infrared telescope	1975
19770087337	Chemical compositions of the moon, earth, and eucrite parent body	1975
19770087340	Integrated circuits, digital CMOS	1975
19770087353	Containers in air freight transportation	1975
19770087354	Plastic packaging for dangerous goods	1975
19770087355	Solution to certain problems of perturbation in the case of matrices	1975
19770087356	Discrete Walsh transformation applied to the analysis of random sequences	1975
19770087359	Evaluation of critical parameters	1975
19770087363	Thermomechanical treatment (chapter 3 of the structure and properties of semifinished products made from aluminum alloys)	1975
19770087367	The electrical properties of carbon fibers and their interpretation re models	1975
19770087375	Minuteman 3 propulsion system rocket engine ten-year surveillance program	1975
19770087393	High-energy particles in the jovian magnetosphere	1975
19770087394	Energy transfer and storage in a voltage step-up DC-to-DC converter	1975
19770087395	Experimental calibration of shock metamorphism of basalt	1975
19770087396	Impact melts of well-charactered lunar and terrestrial basalts	1975
19770087397	Fire-resistant aircraft materials development and evaluation program	1975
19770087399	Energetics of monopole production	1975
19770087400	Specification of FORTRAN programmes MO409 MO409F and MO409T: Optimal control by a first-order gradient method	1975
19770087408	Remotely piloted re-useable vehicles	1975
19770087409	Application of unmanned aircraft	1975
19770087410	A survey of mechanization and documentation activities in AGARD national distribution centers	1975
19770087411	Night vision devices for fast combat aircraft	1975
19770087431	Smoothing and extrapolation of the coordinates and parameters of motion of a target with the use of independent speed readings	1975
19770087432	Bank detector of fluctuating signals in presence of noise with unknown distribution	1975
19770087437	Research of the application of carbon fiber reinforced plastics for airplane component parts which are subject to great stress	1975
19770087439	Failure analysis of air distribution hoses, which are installed within scape suits	1975
19770087440	Malfunction investigation: Relay, RBM Inc., P/N 84-50303-301, used in a 300 KW diesel-electric generator	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087441	Malfunction investigation of a Marotta solenoid valve, model MV123K, P/N-10425701, S/N332, from the GSE pneumatics system, S-1B stage, mobile launcher number 1, ASTP	1975
19770087442	Malfunction investigation: Connector/Cable assembly, General Electric, P/N-6031132W45 (40M08785-3), used in the digital data acquisition system, firing room number 3, complex 39	1975
19770087443	The degradation characteristics and mechanisms of an optically coupled isolator	1975
19770087444	Use of the superplasticity effect in manufacturing composite materials a letter to the editor	1975
19770087445	Gas-phase oxidation of carbon fiber of polyacrylonitrile origin	1975
19770087448	Coupling, flexible (431489-1)	1975
19770087450	Parts, reliability failure analysis, QA screening tests, transistors	1975
19770087451	Parts, reliability failure analysis, QA screening tests, transistors	1975
19770087452	Parts, reliability failure analysis, QA screening tests, switches, RF	1975
19770087453	Parts, reliability failure analysis, QA screening tests, microcircuits	1975
19770087454	Parts, reliability failure analysis, QA screening tests, resistors	1975
19770087455	Parts, reliability failure analysis, QA screening tests, relays	1975
19770087456	Parts, reliability failure analysis, QA screening tests, microcircuits	1975
19770087457	Parts, reliability failure analysis, QA screening tests, connectors	1975
19770087458	Parts, reliability failure analysis, QA screening tests, capacitors	1975
19770087459	Failure analysis of a Marotta solenoid valve, NASA P/N 10425701-2, S/N 222, F/N A60225, service arms system, ML-1, ASTP GSE, for seat leakage	1975
19770087460	Malfunction investigation of a marotta solenoid valve, model MV-130V, P/N 10437739, S/N 102, from the GSE pneumatics system, S-1B stage, ML-1, ASTP	1975
19770087461	Development improved environmental resistant organic-reinforced materials systems	1975
19770087467	Use of Kolibri indelible color ink on plastic materials and paper	1975
19770087472	Qualification test report on transformers, hybrid, enclosed, radio frequency NOC	1975
19770087474	Semiconductor piece part hardness assurance W71, sensor, phase 2	1975
19770087475	Total ionizing radiation tests of the analog devices junction isolated CMOS QUAD SPST switch	1975
19770087476	Qualification inspection to R8666 on resistors, fixed, metal film, NOC, painted, .125 - .25 watt	1975
19770087477	Transformer, audio (354615-1)	1975
19770087478	Transformer, audio (352507-1)	1975
19770087479	Transformer, audio (350367-1)	1975
19770087480	Transformer, audio (352600-1)	1975
19770087481	Device evaluation test report, capacitor fixed, ceramic, chip	1975
19770087482	Switch, toggle (control switch part number TR20018), dry circuit and low level life	1975
19770087484	Test report for connector assembly: Electrical, cryogenic thru bulkhead (55-01286-807, 809, 805)	1975
19770087485	Production assessment test report on capacitors, fixed, ceramic moded, lead mount, contractor, hi-rel	1975
19770087486	Special lab test - connector leakage	1975
19770087501	Report of test of delay line assembly (RPN 144188-1)	1975
19770087502	Report of test on delay lines (RPN 144675-1)	1975
19770087503	Crystal unit, quartz	1975
19770087506	Manufacturing alert. Installation and operation of static-free work stations	1975
19770087511	Modern trends in voice signal processing and transmission	1975
19770087514	Development Test 2(DT 2) of radio teletypewriter AN/GRC-122(V)2	1975
19770087519	Manufacturing methods and technology for FLIR cost reduction	1975
19770087526	Titanium diffusion test report	1975
19770087528	Substrate, alumina, 99.5 percent, unglazed, general specification for	1975
19770087529	Microbridge substrate evaluation program on microelectronic circuits, thin film deposited elements	1975
19770087530	Examination of twenty Teledyne transistors, P/N JAN2N2222A, S/N's unknown, for possible contamination	1975
19770087532	Mechanism for level recording of facsimile signals	1975
19770087536	Material base of container shipping	1975
19770087538	Analytical transformation of aerial photographs	1975
19770087553	Inertial guidance and navigation for the 1980's	1975
19770087568	Destructive Physical Analysis (DPA), requirements for	1975
19770087574	Development of elastomers for improved seals and obturators	1975
19770087579	Method of estimating combustibility of pyrotechnic compositions	1975
19770087580	Base rocket motor for artillery projectiles, type 1, variant 1	1975
19770087583	Pointing, tracking and stabilization performance test results of the stabilized platform airborne laser designator system	1975
19770087595	Multi-axis laser cutting	1975
19770087597	Universal containers with a gross weight of 10 and 20 tons: Types, basic parameters and dimensions	1975
19770087598	Program for the implementation of a containerized transportation system	1975
19770087606	Qualification test report cartridge, gas generator, inertial initiation	1975
19770087608	Gear assembly, speed decreaser (size 18) (147761-2)	1975
19770087616	Evaluation test report on lamp, incandescent	1975
19770087617	Evaluation to MIL-R-10509	1975
19770087618	Method for measurement of the spectral density modulus of a unit signal	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087619	The purpose, content and features of photographic map preparation	1975
19770087621	Switch, electronic	1975
19770087628	Evaluation of relay to drawing 2650336P2	1975
19770087629	Evaluation of relay to drawing 2650336P2 with load changes	1975
19770087630	Evaluation of resistors to MIL-R-55182	1975
19770087644	Construction and reliability of airplanes and helicopters	1975
19770087653	Atmospheric scattering and absorption limitations on offset pointing from earth observatory satellite (EOS) sensors	1975
19770087665	A geology compendium of the Continental United States-with application to deep-based systems	1975
19770087680	Bibliography on metallic oxides	1975
19770087682	Bibliography of reports on neutron radiography	1975
19770087684	Effect of relative humidity on aerosol attenuation of optical radiation in the atmosphere	1975
19770087687	Impulsive load response of soft-bonded rings and arcs	1975
19770087691	Microstructure and transmittance of snowfall	1975
19770087692	Radio-sonde measurements in meteorology	1975
19770087705	NSC, LM101AF, linear, general purpose operational amplifier	1975
19770087713	Qualification test report (63-P11078) on capacitors, fixed, mica, button, hermetically sealed, chassis mount, contractor hi-rel	1975
19770087715	Filter, Bandpass	1975
19770087718	Qualification test report on semiconductors, transistors, power, silicon, PNP, planar, metal can	1975
19770087719	Qualification test report on microelectronic circuits, hybrid, switch, can, metal	1975
19770087725	Analysis of minicomputer front end processor feasibility	1975
19770087727	Relay-armature, DPDT, 15 ampere, latching	1975
19770087729	Device evaluation test report on relays, armature, 10 to less than 20 AMP, hermetically sealed, DPDT	1975
19770087730	Device evaluation test report armature relay, non-latching	1975
19770087731	Reactor, coils, inductance, fixed, 0-3 KHZ, less than .1 watt, 1-30 volts, ferromagnetic, hermetically sealed	1975
19770087732	Report of test on connectors, plug/receptacle, RPN's 143872-3 and 143873-3	1975
19770087733	Capacitor, fixed, metallized Mylar (148181-1)	1975
19770087741	Evaluation of capacitor to drawing 3203050P1 tabulation	1975
19770087742	Evaluation of aluminum electrolytic capacitors to drawing 3203050P2	1975
19770087753	Laser devices used in construction	1975
19770087754	Stable carbon dioxide laser with a diffraction grating	1975
19770087756	Heterodyne method for measuring the diffuse component of reflectance of laser mirrors	1975
19770087757	Utilization of phase-locked CW lasers for high-speed cinematography	1975
19770087758	Frequency stabilization by phase control of a single frequency - Single mode CO2 laser	1975
19770087762	Tests of Navy prototype target/sensors	1975
19770087765	Device evaluation test report on fittings, tubing and hose, quick disconnects, threaded, water, 100-1000 psig	1975
19770087791	An analysis and evaluation of the low cost Dogfight missile seeker candidates (U)	1975
19770087817	Advanced pulsed electric discharge laser program. Part 1: Sections 1, 2, and 3 (U)	1975
19770087818	Advanced pulsed electric discharge laser program. Part 2: Sections 4, 5, 6, and 7 (U)	1975
19770087827	Evaluation of blister coating laser protection for aircraft skins (U)	1975
19770087834	Post 1985 tactical information transfer summary (U)	1975
19770087838	YF-17 performance and flying qualities evaluation (U)	1975
19770087844	Performance evaluation of the YF-16 prototype air combat fighter (U)	1975
19770087889	Advanced DF chemical laser (U)	1975
19770087916	SURVSATCOM message flow study (U)	1975
19770087935	Foreign weapon system analysis (U)	1975
19770087964	Proceedings of the Fourth TEAL WING Conference, volume 1 (U)	1975
19770087965	Proceedings of the Fourth TEAL WING conference, volume 2 (U)	1975
19770087992	F-15 Air Force development, test and evaluation. Arctic evaluation	1975
19770088030	System level threshold testing for the Minuteman weapon system in-silo	1975
19770088042	Properties of solution in molten sodium tetrachloroaluminate. 2: Behavior of protons and oxide ions	1975
19770088043	Properties of solution in molten sodium tetrachloroaluminate. 1: Acid-base systems	1975
19770088057	Impact of propulsion technology on air mobile and ground mobile ICBM system performance	1975
19770088059	Development of a minimum weight thrust vector control system for the MX upper stage motor	1975
19770088060	Development of folded petal extendible nozzle exit cone	1975
19770088061	Development of improved performance of organic fiber filament wound composite for the second stage advanced ICBM propulsion system	1975
19770088062	HMX propellant characteristics studies	1975
19770088063	Ramburner internal insulation investigation	1975
19770088064	Thermal characterization of a silicone elastomer for ramjet combustor insulation	1975
19770088065	Innovative solutions for ramburner combustion chamber insulation requirements	1975
19770088066	Propulsion systems safety rating method	1975
19770088067	Air launch instrumented vehicles evaluation - a status report	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088068	Design and qualification of a carbon-carbon nozzle for satcom apogee kick motors	1975
19770088069	Evaluation of 300 LBF monopropellant thruster	1975
19770088070	Integration of monopropellant hydrazine technology	1975
19770088072	The performance characteristics of CONFLOW: An airbreathing engine/airframe integration test facility	1975
19770088073	High pressure blast tube technology	1975
19770088074	Radial-burning pulse motor components	1975
19770088075	New low cost ablative materials for blast tubes/nozzles	1975
19770088077	Development of reduced smoke propellant for tactical application	1975
19770088078	Elimination of combustion instability in tactical motors	1975
19770088080	Development of a solid rocket booster for an underwater launched cruise missile	1975
19770088082	Warm gas actuation, THIOVEC TVC nozzle	1975
19770088087	A method to alleviate the ramjet backside heating problem	1975
19770088088	Generic Ordnance Ramjet Engine (GORJE) status	1975
19770088094	An impact-sensitive gasless pyrotechnic composition	1975
19770088111	High data rate RF satellite communication link analysis	1975
19770088113	Word intelligibility of two types of synthesized voice warning systems	1975
19770088121	Report on communications system for use with Kirby Morgan Band mask (KMB-9) (U)	1975
19770088122	An investigation of the characteristics of marconi S-654 radar IF subsystems: Limiting amplifier, phase detector, and coherent oscillator (U)	1975
19770088128	Evaluation of critical parameters to drawing 3203048	1975
19770088129	Evaluation of critical parameters to drawing 2827879P1, P2. Capacitors, fixed, electrolytic, tantalum, wet, hermetically sealed, lead mount, MIL-Est. Rel.	1975
19770088130	Evaluation of critical parameters to drawing 2827879P1, P2 capacitors, fixed, electrolytic, tantalum, wet, hermetically sealed lead mount, MIL-Est. rel.	1975
19770088131	Reliability construction analysis report transistor, silicon, NPN, low power high frequency amplifier	1975
19770088132	Reliability construction analysis transistor silicon, PNP, high voltage	1975
19770088133	Reliability construction analysis report. Transistor, silicon, N-channel, fet	1975
19770088134	Reliability construction analysis report. Semiconductor diode, regular, 250 mW	1975
19770088135	Reliability construction analysis report. Diode, silicon, rectifier	1975
19770088136	Qualification test of Custom Components pressure switch on switches electrical, diaphragm, fluid pressure, DPDT	1975
19770088137	Evaluation of GSFC testing, relative quality levels, and cost effective of JANTX, JAN, and commercial grade transistors	1975
19770088139	Trident (C4) beam lead transistor characterization, Texas Instruments 3063029 p-n-p transistor, volume 3	1975
19770088140	Trident (C4) beam lead transistor characterization, Texas Instruments, 3063030, PNP transistor, volume 4	1975
19770088142	SIDPERS computer system simulation model	1975
19770088145	Production assessment test report on resistors, fixed, metal film, precision, molded, .05-.10 watt	1975
19770088146	Qualification test report, standard electrical connectors C3 cables and electrical packages	1975
19770088147	Qualification test report, power transfer switch, teledyne kinetics, Nippon Miniature Bearing Corporation	1975
19770088152	Report of test on power transformers	1975
19770088153	Transformer, power, step-down	1975
19770088154	Transformer, audio (354601-1)	1975
19770088155	Transformer, audio (434390-1)	1975
19770088156	Transformer, audio	1975
19770088157	Device evaluation test, armature relay latching (3060305)	1975
19770088158	Qualification test report, inverter destruct on semiconductors, transistors, power, silicon, NPN, planar, metal can, addendum 3	1975
19770088159	Qualification test report, armature relay, process change (Esterline Electronics)	1975
19770088160	Qualification test report - Resistor supplier requal (American Components Inc.)	1975
19770088186	Service life evaluation program report (H038-A2C)	1975
19770088189	Shock loading of concrete slabs. Enclosure no. 4 to main report no. 2: Model testing of shock response (U)	1975
19770088190	Ground motion environments for generic site conditions	1975
19770088191	Signature data collection techniques study	1975
19770088207	Survey: Present state water purification technology (U)	1975
19770088208	Origin, age, and composition of meteorites	1975
19770088215	FFTF-HTS/DHX U-tube airflow variations test	1975
19770088241	F-15 Air Force development, test and evaluation. Tropic evaluation	1975
19770088246	KA-98/RPV demonstration test program	1975
19770088247	Advanced development of conceptual hardware: Fuselage	1975
19770088248	Suction braking	1975
19770088252	Airworthiness and flight characteristics evaluation. Iranian model 214A helicopter	1975
19770088253	Investigation of methods for removing water from air conditioning systems of military aircraft	1975
19770088300	A-4 wing gunfire damage description and repair evaluation	1975
19770088328	Failure and incident report WDF6-008-for sensitized 304 type stainless steel	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088334	SIGINT System Evaluation Facility (SSEF) modular design study, volume 1	1975
19770088381	PSRE emergency response Minuteman operations	1975
19770088389	Hardened reentry vehicle development program. Reentry vehicle dynamic response evaluation, Part 1: RV joint study. Part 2: HUSKY ACE vehicle evaluation (U)	1975
19770088390	Hardened reentry vehicle development program erosion-resistant nosetip development (U)	1975
19770088405	HELLFIRE Cost and Operational Effectiveness Analysis (HELLFIRE COEA). Volume 3B, part 3: COEA executive summary (U)	1975
19770088406	HELLFIRE Cost and Operational Effectiveness Analysis (HELLFIRE COEA). Volume 3E, part 3: Cost analysis, appendix F (U)	1975
19770088423	Thermal signatures of components of the HAWK missile system (U)	1975
19770088437	Critical studies of various criteria of plasticity applicable to composite materials	1975
19770088438	Erosion resistant subtip development	1975
19770088442	Impact of manufacturing parameters on the rupture of glass-fiber-reinforced plastics	1975
19770088453	Infrared adsorption spectra of complex group 4 and 5 metal fluorides	1975
19770088455	Consideration of the allowable high frequency cyclic stresses in Type 316 steel CFR components	1975
19770088456	Creep-fatigue interaction in austenitic stainless steels	1975
19770088457	Friction coefficients for Inconel 713/Inconel 718 and Inconel 718/austenitic stainless steels in sodium	1975
19770088481	Capacity analysis of data communications concentrator	1975
19770088498	Device evaluation test report on capacitors, fixed, film, nonmetallic case, lead mount	1975
19770088516	HWL radar studies (U)	1975
19770088529	Component engineering test report (CAI-PN-2051-352-3) on relays, sensitive, less than 1/2 AMP, enclosed, SPST	1975
19770088537	Test data for Fairchild semiconductor high reliability products	1975
19770088540	Device evaluation test report capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount	1975
19770088543	Production assessment test report on resistors, fixed, metal film, precision, molded, .05-.10 watt	1975
19770088544	Production assessment test report on resistors, fixed, wirewound, NOG, molded	1975
19770088545	Production assessment test report on semiconductor, special types of, matched, silicon, planar, epitaxial	1975
19770088546	Production assessment test report on semiconductors, diode, rectifier, silicon, diffused, plastic	1975
19770088547	production assessment test report on semiconductors, transistors, general purpose, silicon, NPN, planar, metal can	1975
19770088548	Production assessment test report on semiconductors, special types of, matched, silicon, planar, epitaxial	1975
19770088550	Qualification test report on Leach relay (MC 455-0128)	1975
19770088554	Qualification test report of 2N4868A, low noise, N-channel, FET	1975
19770088555	Qualification test report on semiconductors, diode, microwave, silicon	1975
19770088561	Test report diode specification (1617941)	1975
19770088565	Test report number 700931 for silicon rectifier	1975
19770088566	Production assessment test report on semiconductors, transistors, general purpose, silicon NPN, planar, metal can	1975
19770088567	Optimization of recombination levels and their capture cross section in power rectifiers and thyristors	1975
19770088571	Qualification test report on semiconductors, diode, varactor, silicon, epitaxial, metal	1975
19770088576	Qualification test report on Leach relay (MC 455-0129)	1975
19770088577	Qualification test report on Leach relay (MC 455-0129-001)	1975
19770088626	Reliability test report, ceramic chip capacitors, vibration and thermal shock	1975
19770088632	CLEM: Grapple drive stress analysis	1975
19770088633	Grapple stress analysis: CLEM	1975
19770088638	Projection of the United States natural gas supply by the modified IGT model	1975
19770088644	Torpedo target lithium-seawater power system technology investigations. Task 3: Conceptual design of a lithium-seawater power source for the Mark 30 torpedo target	1975
19770088650	Effects of stack gases and sea water on certain engineering materials	1975
19770088683	Process design methodology test plan	1975
19770088684	Process design methodology (PDM) design specification. Volume 5: Process design methodology description, revision A	1975
19770088685	Process design methodology (PDM) design specification. Volume 4: Process design system utilities	1975
19770088686	Process design methodology (PDM) design specification. Volume 3: Process design system services	1975
19770088687	Process design methodology (PDM) design specification. Volume 2: Process design language compiler, revision A	1975
19770088707	Water-meter reaction in a gas-cooled fast breeder reactor following core meltdown	1975
19770088716	Angular infrared reflectance measurements (U)	1975
19770088769	Practical considerations in implementing Kalman filters	1975
19770088783	A-10 initial operational test and evaluation, phase 1	1975
19770088818	Navy technical evaluation of the CL-84-1 tilt-wing VSTOL aircraft in the sea control ship environment	1975
19770088840	Design optimization of expandable carcass replaceable tread tire for C-130 aircraft	1975
19770088842	Maritime air superiority study (U)	1975
19770088874	A method for determining stability and control derivatives using cable mounted wind tunnel models	1975
19770088877	SIGINT System Evaluation Facility (SSEF)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088888	Entry probes in the outer solar system	1975
19770088928	The 1975 JANNAF propulsion meeting: Addendum. Bulletin contents and indexes	1975
19770088941	Organic matrix materials for high temperature composites	1975
19770088974	Adhesive - silicone based, electrically conductive	1975
19770088982	Qualification test report epoxy resin, trifunctional	1975
19770088984	C4 trident syntactic foam seal backup material evaluation	1975
19770088995	In-space propellant acquisition with pleated screen tubes	1975
19770089006	Human factors for designers of naval equipment. Chapter 9: Voice communications	1975
19770089036	Characteristics of HF radar-overdose meteor echoes	1975
19770089039	P sub K/b Matrix air target program	1975
19770089085	Solid state inverters 270 VDC to 115 Vac, 400 Hz, 1.0 KVA	1975
19770089086	Electronic control box for 737 airplane analysis S/N 211	1975
19770089102	Microwave power combinatorial development. Task 1: 10 GHz amplifier combiner	1975
19770089105	Valve driver module analysis S/N 1560	1975
19770089107	Voltage regulator, integrated circuit, 14 lead, dual-in-line	1975
19770089111	Qualification test report on microelectronic circuits, hybrid, switch, flat	1975
19770089112	Standard electronic module qualification test report	1975
19770089114	MK 98 module qualification test report	1975
19770089115	Standard electronic module qualification test report	1975
19770089116	MK 98 module qualification test report	1975
19770089117	Standard electronic module qualification test report	1975
19770089122	Reproduction test report (24930-142409-1) on converters/inverters/changers analog to digital	1975
19770089125	Report of test on electron tube, gas switching	1975
19770089127	VCE-Z-network investigation	1975
19770089130	Extremely High speed CCD analog delay line	1975
19770089131	Infrared charge coupled devices	1975
19770089132	The 64K fast access chip design	1975
19770089134	Acceptance test procedure for 42-18943 capacitor	1975
19770089135	Capacitor, acceptance test procedure	1975
19770089137	Evaluation of capacitor to MIL-C-39003. Fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount, MIL-Est. Rel.	1975
19770089143	Capacitor	1975
19770089144	Failure and failure analysis report	1975
19770089145	Capacitor, fixed, ceramic dielectric, radial lead, ultra stable	1975
19770089146	Capacitor, fixed, solid tantalum, polarized, insulated	1975
19770089147	Capacitor, fixed, ceramic dielectric, radial lead, .062 microfarad, 5%	1975
19770089155	Ballistic range heat transfer experiments in simulated reentry particle environments	1975
19770089156	Mass transport induced by wave motion in a stratified and rotating fluid	1975
19770089157	A note on the stability of horizontal flow of an inviscid compressible fluid	1975
19770089168	Distortions in aerial photographs due to flexure of the camera hatch glass	1975
19770089199	Production assessment test report on blowers and fans, centrifugal, AC 2000 RPM, 36 CFM	1975
19770089200	Production assessment test report on blowers and fans, vaneaxial, AC, 20,000 RPM 10 CFM	1975
19770089201	Carbon treatment of pyrophosphate copper baths for improved printed wiring board production	1975
19770089226	Standard electronic module program quality assurance activity test report	1975
19770089244	Dual shades or blinds: For added solar collection and thermal insulation in winter and solar heat rejection in summer	1975
19770089280	Endurance and memory decay of MNOS devices	1975
19770089293	High gradient magnetic separation: A review	1975
19770089306	Infrared optical properties of sputtered In(2-x)Sn(x)O(3-y) films	1975
19770089328	Dynamic stabilization of the M = 1 instability in a diffuse linear pinch	1975
19770089329	On the evolution of a two component, two temperature, fully ionized plasma in electromagnetic fields	1975
19770089330	Establishment of a plasma melting manufacturing process for production of nickel-base alloys	1975
19770089331	Bubble dynamics in multilayer garnet films	1975
19770089332	Bubble domain memories present achievements and future applications	1975
19770089343	Planetary spectra for anisotropic scattering	1975
19770089344	On the interpretation of Fe II emission profiles in Seyfert galaxies and QSOS	1975
19770089361	SECANT VECAS GAM flight test and evaluation equipment	1975
19770089368	Tactical landing system development program	1975
19770089377	Advanced fighter technology integration (phase 1). Volume 2: Task 1: Summary	1975
19770089378	Advanced fighter technology integration (phase 1). Volume 4: Task 2A: Aerodynamic/ propulsion substantiation report	1975
19770089379	Advanced fighter technology integration (phase 1). Volume 1: Overall summary	1975
19770089380	Advanced fighter technology integration (phase 1). Volume 3: Task 2A	1975
19770089381	Advanced fighter technology integrated (phase 1). Volume 5: Task 2B: Design report	1975
19770089382	Advanced fighter technology integration (phase 1). Volume 7: Phase 3 plans	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089426	Advanced fighter technology integration (phase 1). Volume 6: Integrated control system analysis and simulation studies	1975
19770089498	Digitally generated outside world display of lighting pattern used in conjunction with an aircraft simulator	1975
19770089525	Strategic reentry technology program phase 4. (Street-A 4). Volume 5: Task 4.1.5, engineering methods for steady flow over mildly and severely indented nosetips	1975
19770089528	Concept detection of space objects from synchronous satellites (U)	1975
19770089542	Analysis of ACE Reentry Vehicle aerodynamics by an advanced system identification method (U)	1975
19770089623	Biological tests of polymers for medical use	1975
19770089640	Operational effects on the life of monopropellant hydrazine devices	1975
19770089644	An experimental study of burning rate in power beds	1975
19770089649	Investigation conversion of ram extrusion to screw extrusion for processing infrared composition (pyrotechnic processing 047-02-74) (U)	1975
19770089677	Experimental SHF/EHF Antenna/Pedestal Subsystem	1975
19770089678	Preliminary design report for an SHF/EHF antenna/pedestal subsystem	1975
19770089744	Countermeasures versus visual threat study. Executive study, volume 1: Roadmap for visual countermeasures (U)	1975
19770089749	Countermeasures versus visual threat study. Summary. Volume 2: Roadmap for visual countermeasures (U)	1975
19770089765	Parts, Reliability, failure analysis, QA screening, capacitors	1975
19770089777	MK 98 module qualification test report on modules, composite, NOC	1975
19770089778	Mk 98 module qualification test report	1975
19770089779	Standard electronic module qualification test report on modules, composite, NOC	1975
19770089780	MK 98 module qualification test report	1975
19770089781	MK 98 module qualification test report	1975
19770089782	Standard electronic module qualification test report	1975
19770089789	High-speed digital filters	1975
19770089799	Evaluation of carbon-carbon reentry vehicle insulation materials	1975
19770089805	Advanced Sensor Concepts (ASC) study. Volume 2: Part 2: State-of-the-art report on signal processing	1975
19770089806	Advanced Sensor Concepts (ASC) study. Volume 2: Part 5: State-of-the-art report on illuminators	1975
19770089813	C. W. GaAs diode laser	1975
19770089834	Performance testing of high power laser mirrors (U)	1975
19770089865	Parts reliability, failure analysis, QA screening, connectors	1975
19770089973	DREV 1975 report	1975
19770089979	An examination of guidance alternatives for tactical weapons employed against ground targets (U)	1975
19770089993	Environmental test report of ARDF subsystem S/N 002	1975
19770089996	Direction-finding accuracy of a passive multibeam antenna array system: Analysis based on flight data	1975
19770090017	Altitude development and qualification testing of the TF34-GE-100 turbofan engine in propulsion development test cell (J-1)	1975
19770090043	Viking Program	1975
19770090050	On the influence of the number of measured distances on the accuracy of constructing a space trilateration-triangulation net	1975
19770090086	Technological development of metal matrix composites for DoD application requirements. Part 1: Identification of technology and application issues	1975
19770090097	The thermal stability of polymers with an epoxide-imide chain unit, compared to that of two conventional epoxy polymers	1975
19770090217	An improved real-time interactive OTH-B radar display system for track-while-scan operation	1975
19770090218	Digital scan converter (DCS) system	1975
19770090227	Special laboratory test - Connector leakage	1975
19770090238	GAMBIT: Gate modulated bipolar transistor	1975
19770090268	The effects of intermittent noise on decision and short-term memory processes	1975
19770090269	Prolonged effect of noise of moderate intensity upon the functional state of the organism	1975
19770090273	A preliminary investigation of the performance of men's safety-toe footwear	1975
19770090281	Proceedings: International conference on reliable software	1975
19770090333	Development of a reverse velocity rotor technology data base	1975
19770090402	Turbine engine technology demonstrator component development program. Project 668A. Volume 1, Part 1: Life cycle cost study of weapon systems using advanced technology engines (U)	1975
19770090696	Evaluation of zener diode	1975
19770090697	Evaluation of fast rectifier. Semiconductors, diode, rectifier, silicon, diffused, metal	1975
19770090698	Evaluation of relay (2650336P2)	1975
19770090699	Evaluation of JAN device. Microelectronic circuits, linear, monolithic, driver, transistor-transistor logic, dual-in-line, ceramic	1975
19770090705	Evaluation of magnitude comparator (B 1040)	1975
19770090706	Evaluation of 14 pin dual-in-line resistor network	1975
19770090707	Evaluation of 14 pin dual-in-line resistor networks (R8667P4)	1975
19770090712	Relay-hytrol anti-skid system	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090719	Production assessment test report on relays, latching, 1 to less than 5amp, hermetically sealed, DPDT	1975
19770090721	Trident (C4) beam lead transistor characterization Raytheon 3063029 PNP transistor, volume 2	1975
19770090722	Production assessment test report on resistors, fixed, metal film, precision, molded .25-.50 watt	1975
19770090743	Ultraviolet transfer standard detectors and evaluation and calibration of UV monitor	1975
19770090744	A theoretical and laboratory evaluation of a direct-reading particulate mass concentration instrument	1975
19770090745	Design modifications to the Aanderaa current meter spindle assembly	1975
19770090753	Investigation of potential device configuration for an Acoustical Detection and Diagnostic System (ADDS)	1975
19770090754	MIDDLE NORTH series. Pre-dice throw 2: Laser experiments (U)	1975
19770090758	Liquid and gaseous reactants for advanced chemical lasers: High power system study (U)	1975
19770090805	Service life evaluation program report (H038-A2C), December 1975	1975
19770090810	Solar-terrestrial relations and meteorological/ climatological variations	1975
19770090828	Evaluation of a single-reading heat stress instruments	1975
19770090833	Acoustic properties of headgear. 25: The Bilsom UL-1 and UF-1 earmuffs (U)	1975
19770090861	Magnetic near-field probes	1975
19770090887	An absolute nanosecond pulsed x-ray calibration source (U)	1975
19770090892	Tunneling of photo-excited carriers in metal oxide varistors	1975
19770090893	Doping profiles by MOSFET deep depletion C(V)	1975
19770090913	New Horizons 2. Volume 2: Alternative strategies	1975
19770090940	SST technology follow-on program. Phase 2, noise suppressor/nozzle development. Volume 1: Program summary	1975
19770090941	SST technology follow-on program. Phase 2, noise suppressor/nozzle development. Volume 2: Noise technology	1975
19770090942	SST technology follow-on program. Phase 2, noise suppressor/nozzle development. Volume 3: Noise technology, backup data report	1975
19770090943	SST technology follow-on program. Phase 2, noise suppressor/nozzle development. Volume 4: Performance technology summary	1975
19770090944	SST technology follow-on program. Phase 2, noise suppressor/nozzle development. Volume 5: Performance technology: The effect of initial jet conditions on the mixing and performance of a 2-D constant area ejector	1975
19770090945	SST technology follow-on program. Phase 2, noise suppressor/nozzle development. Volume 6: Performance technology: Thrust and flow characteristics of a reference multitube nozzle with ejector	1975
19770090946	SST technology follow-on program. Phase 2, noise suppressor/nozzle development. Volume 7: Performance technology: A guide to multitube suppressor nozzle static performance, trends and trades	1975
19770090947	SST technology follow-on program. Phase 2, noise suppressor/nozzle development. Volume 8: Performance technology: Multitube suppressor ejector interaction effects on static performance (ambient and 1150 deg F jet temperature)	1975
19770090948	SST technology follow-on program. Phase 2, noise suppressor/nozzle development. Volume9: Performance technology: Analysis of the low speed performance of multitube suppressor/ ejector nozzles (0-167 kn)	1975
19770090949	SST technology follow-on program. Phase 2, noise suppressor/nozzle development. Volume 10: Advanced suppressor concepts and full scale tests	1975
19770091034	Material specification epoxy resin pre-impregnated graphite fibres on materials, non-metallic, carbon/graphite, lay-up	1975
19770091045	Northrop Corporation qualification test spectrum technology crystal oscillator	1975
19770091046	Relay, latching, general purpose	1975
19770091047	Relay, general purpose	1975
19770091054	Integrated circuit, analog multiplexer, 16	1975
19770091055	Evaluation test, integrated circuit, MOS analog multiplexer, 16 channel (95420-001)	1975
19770091056	SSD electronic parts orbital failure rates (active and dormant) operation and associated failure modes	1975
19770091058	Reactor, filter (350997-1) on coils, inductance, fixed 0-3 khz, 10-100 watts, 1-30 volts, ferromagnetic, hermetically sealed	1975
19770091059	Contact, electrical (350648-3, 350648-12) on hardware	1975
19770091068	Laser augmented infrared system	1975
19770091081	Calculation of the loss of liquid lubricant by evaporation from mechanical devices operating in vacuum	1975
19770091086	Failure analysis report	1975
19770091087	Failure analysis report on circuit breaker	1975
19770091088	Failure analysis report	1975
19770091107	Modulation and deflection of optical radiation	1975
19770091117	Review of seal maintenance problems on naval aircraft	1975
19770091140	Position Location Reporting System (PLRS), volume 1	1975
19770091141	Position Location Reporting System (PLRS), volume 2	1975
19770091393	Standardization and program effect analysis (study 2.4). Volume 4: Equipment compendium. Part B: Auxiliary propulsion subsystem (AP)	1975
19770091394	Standardization and program effect analysis (study 2.4). Volume 4: Equipment compendium. Part C: Electrical power subsystem (EP)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091484	Test evaluation of overwrapped pressure vessels	1975
19770091485	Evacuated load-bearing high performance insulation study	1975
19770091557	Limiting currents during compression of magnetic flux between flat and coaxial conductors	1975
19770091580	Standardization and program effect analysis (study 2.4). Volume 4: Equipment compendium. Part A: Stabilization and Control subsystem (SC)	1975
19770091667	Dynamics of change of the skin galvanic reaction of human subjects during high altitude decompression	1975
19770091700	Supersonic transport noise reduction technology program, phase 2, volume 1	1975
19770091701	Supersonic transport noise reduction technology program, phase 2, volume 2	1975
19770091713	The 162 MM aperture image amplifier tube	1975
19770091714	Evaluation report electro-optical sensor video output analysis (U)	1975
19770091763	AN/ASM-101 optimization program	1975
19770092044	Pyrotechnics basic principles, technology, application	1975
19770092146	Fluidic laminar angular rate sensor development program	1975
19770092199	Device evaluation test, report armature relay, latching (3,060,306)	1975
19770092413	Turbine engine technology demonstrator component development program. Project 668 A: Life cycle cost study of weapon systems using advanced technology engines, government version (U)	1975
19770092700	Microcircuit, COS/MOS, quad, exclusive or gate	1975
19770092704	Connector, receptacle-hermetic, solder mount, socket contacts	1975
19770092705	Connector, receptacle, hermetic, solder mount, pin contacts	1975
19770092707	Connector, receptacle-hermetic, solder type mounting	1975
19770092733	On the stability of shear flow in a rotating compressible and inviscid fluid	1975
19770092741	Near field electric energy density meter	1975
19770092812	Standing pilot gas consumption and energy conservation	1975
19770092818	Earth penetrator technology: Impact of earth penetrator models into simulated rock targets	1975
19770092819	An explanation of the relative amplitudes of the teleseismic body waves generated by explosions in different test areas at NTS	1975
19770092836	Research test of boot, lightweight, insulated	1975
19770092837	Human factors for designers of naval equipment. Chapter 5: Stresses and hazards	1975
19770092838	Human factors for designers of naval equipment. Chapter 8: Hearing and auditory displays	1975
19770092927	External store airloads prediction technique. Volume 2: Detail data. Book 5: MER carriage axial force and rolling moment predictions and TER carriage predictions	1975
19770092928	External store airloads prediction technique. Volume 2: Detailed data. Book 1: Initial airloads prediction	1975
19770092929	External store airloads prediction technique. Volume 2: Detailed data. Book 4: MER carriage normal force and pitching movement predictions	1975
19770092930	External store airloads prediction technique. Volume 2: Detailed data. Book 3: MER carriage side force and yawing moment predictions	1975
19770092931	External store airloads prediction technique. Volume 2: Detailed data. Book 2: Single carriage airloads predictions	1975
19770093179	Evacuated Load-Bearing High Performance Insulation Study	1975
19770093273	Graphite ablation sensor program. Volume 1: Graphite sensor development	1975
19770093274	Graphite ablation sensor program. Volume 2: Carbon sensor development	1975
19770093275	Graphite ablation sensor program. Volume 3: Graphite ablation sensor flight tests	1975
19770093280	Exposure Damage Mechanisms for KC1 Windows in High Power Laser Systems	1975
19770093281	Exposure Damage Mechanisms for KC1 Windows in High Power Laser Systems	1975
19770093316	Analysis of GaAs and Si solar energy hybrid systems	1975
19770093384	Adaptive engagement logic and control studies	1975
19770093390	YC-15 interior noise measurements	1975
19770093600	Development of a practical photochemical energy storage system	1975
19770093601	Development of a practical photochemical energy storage system	1975
19770093603	Solar energy development program budget, fiscal years 1975, 1976, transition, and 1977	1975
19770093626	The programmable data terminal (FFH/PN modem modification)	1975
19770093658	External store airloads prediction techniques. Volume 1: Technical summary	1975
19770093682	Design analysis of a supercritical wing for test with a BQM-34F drone aircraft, volume 1	1975
19770093683	Design analysis of a supercritical wing for test with a BQM-34F drone aircraft, volume 2	1975
19770093729	Advanced turbine analysis, regenerative-reheat engines	1975
19770093734	Dynamic flying qualities criteria evaluation	1975
19770093884	Prototype equipment for automatic cutting of small propellant granulations	1975
19770093947	Transistor acceptance test on semiconductors, transistors, power	1975
19770093948	Zener diode acceptance test on semiconductors, diode, voltage reference	1975
19770093949	Ceramic fixed capacitor acceptance test on capacitors, fixed, ceramic	1975
19770093952	Screening tests of diodes	1975
19770093954	Unsatisfactory report, potentiometer	1975
19770093961	C4 program derating policy for electronic/electro-mechanical parts	1975
19770093970	Reactor (354153-1), coils, inductance fixed, audio frequency, NOC, 240-1,000 volts, ferromagnetic, hermetically sealed	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093974	Integrated circuit, 4 bit binary counter (synchronous clear), synchronous TTL	1975
19770093975	Integrated circuit, differential input, TTL output voltage comparator	1975
19770093976	Integrated circuit operational amplifier	1975
19770093979	Transistor (C4) beam lead transistor characterization. Volume 12: Raytheon 3063035 N channel FET	1975
19770093980	Trident (C4) beam lead transistor characterization. Volume 2: Raytheon 3063034 N channel FET	1975
19770093981	Transistor (C4) beam lead transistor characterization. Volume 9: Raytheon 3063033 NPN transistor	1975
19770093990	Trident (C4) beam lead transistor characterization Texas Instruments 3063033 NPN transistor, volume 10	1975
19770094047	Stress analysis report of six special application pipe clamp assemblies for fast flux test facility	1975
19770094050	Evaluation of 400 HZ rotron blower per GE drawing 7736786P5	1975
19770094051	Parts reliability, failure analysis, QA screening transistors	1975
19770094052	Parts reliability, failure analysis, QA screening, microcircuits	1975
19770094087	Direction of approach of seismic input motions and superposition of modal and directional dynamic responses	1975
19770094210	Plasma-field characteristics of directional discontinuities in the interplanetary medium	1975
19770094260	Algorithm and general information processing principles in a civil aviation traffic system	1975
19770094265	The F-4E austere HUD/gunsight, F-106A/F-4E flying qualities comparison	1975
19770094267	Linear linkless feed system technology program: Feasibility study and design of feed systems for the F-16 air combat fighter (20mm) and the F-15 air superiority fighter (25mm)	1975
19770094314	Specialized data report - NRV	1975
19770094366	Production of extrusions from aluminum alloy 7050	1975
19770094367	Advanced diffusion bonding	1975
19770094390	The reliability of polymeric adhesives in hybrid microcircuits	1975
19770094406	Combustibility and reaction mechanism of gasless pyrotechnic delay charges	1975
19770094418	KMR remote refresh memory	1975
19770094440	Radar absorbtive coatings	1975
19770094445	Amplifier, 124, quad operational	1975
19770094446	Evaluation of transistor (3203070P1)	1975
19770094447	Qualification test report of transformer, toroidal (34023688-001)	1975
19770094448	Evaluation test linear operational amplifier 95125-001	1975
19770094450	Integrated circuit, quadruple 2-input exclusive-OR-gate, low power, Schottky, TTL	1975
19770094451	Integrated circuit buffer amplifier	1975
19770094452	Integrated circuit, negative voltage regulator	1975
19770094453	Integrated circuit, quad, bilateral switch, CMOS	1975
19770094454	Integrated circuit, dual D type edge triggered, CMOS	1975
19770094455	Integrated circuit dual audio preamplifier	1975
19770094457	Trident (C4) beam lead transistor characterization. Volume 6: Texas Instruments 3063031 NPN transistor	1975
19770094461	Low power, Schottky, TTL, quadruple, 2 input NAND gate, integrated circuit	1975
19770094462	Integrated circuit, 4-bit binary counters, low power, Schottky, TTL	1975
19770094463	Integrated circuit, dual 4-input, positive NAND buffer, low power Schottky, TTL	1975
19770094464	Integrated circuit, dual D-type edge triggered flip flop, low power, Schottky, TTL	1975
19770094467	Trident C4 beam lead transistor characterization, Texas Instruments 3063032 NPN transistor, volume 8	1975
19770094492	Source control drawing capacitor, fixed, hermetic seal, liquid tantalum	1975
19770094502	Integrated circuit, operational amplifier	1975
19770094532	Multi-layer fastener systems	1975
19770094544	Evaluation of six spline surface treatments on new and used spline specimens	1975
19770094547	General specification for class S equivalent microcircuits	1975
19770094548	Pre-Cap inspection of microelectronic devices	1975
19770094549	Scanning Electron Microscope (SEM) inspection of microcircuits	1975
19770094555	Stress analysis report of liquid metal pipe clamp assemblies for fast flux test facility	1975
19770094572	Statistical and probabilistic considerations in defining seismic input criteria	1975
19770094603	Spectral measurements on radioactive neutron sources in the energy range of 10 keV to 10 MeV with proton recoil proportional counters	1975
19770094652	Airload distribution on damaged supersonic wings	1975
19770094659	Micro-navigator (micron)	1975
19770094673	Flying qualities evaluation of the YF-16 prototype lightweight fighter	1975
19770094704	Vulnerability zone analysis (U)	1975
19770094721	Engine demonstration of the aerosol injectant technique (U)	1975
19770094791	Separation of gases from gas	1975
19770094793	Raman scattering probe for water vapor in flames	1975
19770094794	Examination of potential temperature stabilizing materials by differential scanning calorimetry DSC	1975
19770094824	Energetics of vapor explosions	1975
19770094826	Aerosol antifoams - An evaluation of their potential use in the GS process	1975
19770094835	Paraboloidal light emitting diodes for optical communications	1975
19770094895	Qualification test (3203047). Transformer pulse NOC, enclosed, 300-3000 KHz	1975
19770094900	Influence of electrical discharge in oil and combinations of oil and paper	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094915	Analytical and experimental study of regeneratively cooled panels	1975
19770094965	Investigation of the weldability of age-hardened Monel K-500 and 416 stainless steel	1975
19770094973	Calcite, natural crystalline	1975
19770094974	Grating, optical, SBUV/TOMS	1975
19770094978	Depolarizers, optical, general specification	1975
19770094980	Source control drawing relay, armature	1975
19770094981	Trident (C4) beam lead transistor characterization. Volume 5: Raytheon 3063031 NPN transistor	1975
19770094983	Device evaluation test report (3060308-6)	1975
19770094985	Product specification, semiconductor device diode general specification for	1975
19770094986	Product specification, resistor, fixed, wire wound (power type) (high rel)	1975
19770094987	Product specification, resistor, fixed, film chip, high reliability	1975
19770094988	Relay, armature, general specification for	1975
19770094989	Product specification, relay, armature, magnetic latch	1975
19770094992	High-voltage impulse testers	1975
19770094994	Evaluation of Merrimac Industries directional coupler type CRM-20-225/18075 per ge dwg. 7539932P4	1975
19770095004	Transistor, quad NPN	1975
19770095013	Evaluation of 7536771P2 transistors	1975
19770095014	Evaluation of signetics TTL quad, 2-input NAND Schmitt trigger	1975
19770095015	Qualification of Janco Corp. Rotary switches, to GE drawing 7527448P1	1975
19770095017	MOS/SOS model functional evaluation	1975
19770095019	Quality control in a calibration laboratory	1975
19770095031	Creep and creep-rupture properties of the cladding tube for fast breeder reactor in high temperature sodium. On the 2nd trial products (AISI type 316SS) for MK-1 core of JOYO	1975
19770095051	Thermodynamic analysis of closed-loop chemical systems for energy transmission and storage	1975
19770095073	Dynamics of bubbles in field access devices studied using a high speed optical microscope	1975
19770095085	The harmony of reconstruction: A Spectral theory of X-ray	1975
19770095088	Survey of general solutions for the level crossing problem	1975
19770095123	Recent SOS technology, advances and applications	1975
19770095124	Radiation effects in charge coupled devices	1975
19770095127	Electrical properties of manganese-doped gallium phosphide	1975
19770095193	Eighth surveillance of Air Force held under seat rocket motors Mark 51 Mod 0 (P/N MBEU 1850RU)	1975
19770095236	Reaction of tributyl-tin compounds with carboxylated vinyl resin in a Navy antifouling paint	1975
19770095238	Application of castable urethanes to foils and struts of hydrofoils	1975
19770095247	Guidelines for computer simulation of diaphragm effects on SES craft (FY 75 loads and motions studies)	1975
19770095248	Data correlation studies for full scale motions and loads of 100 ton ses testcraft (FY 75 SES loads and motions studies)	1975
19770095249	FY 75 loads and motions studies. Part 2: Extended heave and pitch control of 2000 ton SES craft in waves	1975
19770095250	FY 75 SES loads and motions studies. Part 1: Simulation of wave-induced disturbances for the NSRDC fan test facility	1975
19770095251	Yaw and roll control of SES craft oblique waves Fy 1975 loads and motions studies	1975
19770095280	Vce P. C. board foam growth stresses	1975
19770095298	Automatic, overhead position, gas metal-arc pulsed-current welding of alloy titanium	1975
19770095301	Improved welding procedures for 22Cr-13Ni-5Mn austenitic stainless steel	1975
19770095305	Product specification, resistor, fixed, film (high rel)	1975
19770095312	Storage effects study on integrated circuits, monolithic, capacitors, tantalum, wet slug	1975
19770095313	Low temperature silicon CCD operation	1975
19770095314	Injection efficiency in hybrid IRCCDS	1975
19770095318	Integrated circuit, linear, operational amplifier, precision preamplifier	1975
19770095320	Terminal module, EMI	1975
19770095321	Manufacturing test requirements versus repair test requirements software impact	1975
19770095324	Integrated circuit, quad comparator selected item drawing, supplement	1975
19770095325	C4 Trident penetration seal adhesive evaluation	1975
19770095328	GACO N-250 effects of manufacturing parameters	1975
19770095330	Transformed, isolation control box, spoiler	1975
19770095331	TDMA MOS/ LSI life test	1975
19770095332	Circuit breaker, environmental tests	1975
19770095347	Report of test on rotary shutter motors and tachometers	1975
19770095349	Diode, voltage reference	1975
19770095350	Report of test on transformers, type EK 400-2990-101	1975
19770095352	Diode, medium recovery rectifier	1975
19770095354	Component qualification report (619600-901) on microelectronic circuits, digital, monolithic, counter, transistor-transistor logic, dual-in-line, ceramic	1975
19770095368	Field Controlled Thyristor (FCT): A new electronic component	1975
19770095383	Evaluation of TI tri-state buffer gate (7537043)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770095385	Report of test on stabistors, part no. C6351-5	1975
19770095386	Qualification test report on operational amplifier 400-3015	1975
19770095387	Report of test on high-current chokes, part number 400-2996-101	1975
19770095391	Evaluation to drawing 2650336 on relays, armature, 1 to less than 5 amp, hermetically sealed, DPDT	1975
19770095392	Evaluation to drawing 2650336 relays, armature, 1 to less than 5 AMP, hermetically sealed, DPDT	1975
19770095405	Integrated circuit precision voltage regulator	1975
19770095408	Linear quad comparator 95127-001	1975
19770095409	Report of test on: Integrated circuit, low power TTL, dual 4-input NAND gate	1975
19770095557	Standardization and program effect analysis (study 2.4). Volume 4: Equipment compendium. Part D: Communication and data processing (CDPI)	1975
19770095566	Relay evaluation (2650336P2)	1975
19770095571	Dynamic tear and explosion bulge evaluation of HY-130 steel double bevel weldments	1975
19770095572	Bibliography on drives and transmissions	1975
19780006088	Wind-tunnel investigation of the aerodynamic performance, steady and vibratory loads, surface temperatures and acoustic characteristics of a large-scale twin-engine upper-surface blown jet-flap configuration	1975
19780015555	Thermal Surveillance of Active Volcanoes Using the LANDSAT-1 Data Collection System. Preface and Part 1: The Surtsey, Iceland, Temperature Data Relay Experiment via LANDSAT-1	1975
19780070950	Friction and wear of metals in contact with pyrolytic graphite	1975
19780071148	A programmed environment for the experimental analysis of individual and small group behaviour	1975
19780071151	Brainstem auditory evoked responses in man. 1: Effect of stimulus rise-fall time and duration	1975
19780071274	Orbital decay and lifetime estimation	1975
19780071674	Electrophysiological measurement of human auditory function	1975
19780072435	Base Pressure Problems Associated with Supersonic Axisymmetric External Flow Configurations	1975
19780072712	Laser Hydrography User Requirements Workshop Minutes	1975
19780072713	Sensor performance report: S193 rad/scat	1975
19780072842	The stratosphere, 1975-1980	1975
19780072891	The use of speech-modulated white noise to differentiate hearers and feelers among the profoundly hearing-impaired	1975
19780073325	Study of heat transfer to nitrogen liquid vapor streams during discharge into a small chamber	1975
19780074014	Baseline stratospheric ozone, 1912 - 1950	1975
19780074150	Report of the facility definition team spacelab UV optical telescope facility	1975
19780074245	The LCF459/J97 performance with increased engine-out contingency ratings	1975
19780074268	Application of high resolution Gas Chromatography (GC): Mass Spectrometry (MS) for the early detection of disease	1975
19780074437	Performance of filament-wound vessels from an organic fiber in several epoxy matrices	1975
19780074475	Energy: Crisis and conservation. A selected list of references	1975
19780074655	Robotic design: The operative subsystem	1975
19780074656	Robotic design: A manipulation of module	1975
19780075190	A framework for robotic design	1975
19780075191	Structured robotics	1975
19780075920	TIROS-N system definition study report, submission 2, volume 1	1975
19780075922	TIROS-N system definition study report, submission 2, volume 3	1975
19780076287	N-terminal pyroglutamyl residues in proteins and thermal peptides	1975
19780076834	Asteroid surface materials	1975
19780076848	Description, classification, and inventory of the comprehensive samples from Apollo 14	1975
19780076849	The effects of heating and subsolidus reduction on lunar materials: An analysis by magnetic methods, optical, Mossbauer, and X-ray diffraction spectroscopy	1975
19780076851	Prominences	1975
19780076862	Flight Mechanics/Estimation Theory Symposium	1975
19780076863	A former major planet of the solar system	1975
19780076864	The computation of relative motion with increased precision	1975
19780076865	JPL planetary ephemeris development	1975
19780076866	A note on the inclination functions of satellite theory	1975
19780076867	The determination of mean orbital elements using numerical filtering techniques	1975
19780076868	Rapid satellite life-time estimation	1975
19780076869	Preliminary evaluation of ATS-6/GEOS-3 satellite-to-satellite tracking data	1975
19780076870	Precision gravity field determination using a gravity gradiometer	1975
19780076871	Distributed computing for the MMS control center application	1975
19780076872	System design for a mission analysis system	1975
19780076873	Satellite attitude prediction by multiple scales	1975
19780076874	Some recent developments in attitude dynamics/maneuver strategies for multiple momentum wheel satellites	1975
19780076875	Orbit and attitude determination using stars, landmarks, and radio tracking from the ground and TDRSS	1975
19780076876	Searchlight landmarks experimental results on LANDSAT	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780076877	LANDSAT MSS rectification and registration results obtained by using a precision attitude estimator	1975
19780076878	Feasibility of onboard orbit determination	1975
19780076980	Should we have a new engine? An automobile power systems evaluation. Volume 1: Summary	1975
19780076986	The value of domestic production information in consumption rate determination for wheat, soybeans and small grains	1975
19780077554	Interhemispheric comparison of atmospheric circulation features as evaluated from nimbus satellite data	1975
19780077685	Proposal to the National Aeronautics and Space Administration for a program of NASA summer faculty fellowships, summer 1976	1975
19780077829	US benefits of improved worldwide wheat crop information from a LANDSAT system. Part 2: Worldwide wheat crop estimates and improvements promised by A LANDSAT system	1975
19780077830	US benefits of improved worldwide wheat crop information from a LANDSAT system. Part 3: The world wheat market model and the benefits from improved crop information	1975
19780077928	Environmental statement for National Aeronautics and Space Science Viking 1975 program	1975
19780077950	Upper atmospheric research program	1975
19780078018	Proposal for a Program of Engineering Faculty Systems Design Institute, summer 1976	1975
19780078228	Conceptual design study for the 65 cm helioscope on the Spacelab/SIPS mission	1975
19780079257	Extended-range forecasts with the GISS model of the global atmosphere	1975
19780079329	Algebraic variational method: A quantitative assessment in electron-positron H scattering	1975
19780079336	Double photoionization of neon	1975
19780080215	Multi-use Mission Support Equipment (MMSE) Study. Volume 4: Appendix C: Logistics and ground operations	1975
19780080378	Basic avionic subsystem integration concept program management plan for fiscal years 1976 through 1978	1975
19780080380	Studies of the impact of advanced technologies applied to supersonic cruise aircraft: Preliminary propulsion assessment study, task 4-3	1975
19780080394	Improved Hawk air defense guided missile system	1975
19780080543	A study of polycrystalline halides for high power laser applications	1975
19780080592	Device evaluation test report - resistor, fixed, wirewound, power	1975
19780080656	Long-term prediction and control of complex systems, part 2	1975
19780080671	Modelling of optical IR backgrounds	1975
19780080757	Physics in combustion research	1975
19780080766	Domain observations in an amorphous iron-nickel alloy	1975
19780080781	Evacuated load-bearing high performance insulation study	1975
19780080783	VFAX applications, BIACC: F basic integrated aircraft command and control	1975
19780080790	Product specification, semiconductors, beam lead, general specification for	1975
19780080791	Process specification, semiconductor device, diode general specification for	1975
19780080793	Product specification, transistors, general specification for	1975
19780080798	Malfunction investigation of two Kinetics Corp. limit switches from the Firex System M/L-1, on roller plunger actuated switch	1975
19780080803	Production assessment test report on semiconductors, special types of, matched, silicon, planar epitaxial	1975
19780080804	Production assessment test report on semiconductors, diode, fast switching, silicon, diffused, glass	1975
19780080807	Product specification transistors, general specification for	1975
19780080816	The design of practical CTD transversal filters	1975
19780080818	Trident (C4) beam lead transistor characterization. Volume 7: Raytheon 3063032 NPN transistor	1975
19780080819	Trident (C4) beam lead transistor characterization. Volume 13: Texas Instruments 3063035, N channel FET	1975
19780080820	Trident (C4) beam lead transistor characterization. Volume 14: Raytheon 3063036 diode	1975
19780080821	Trident (C4) beam lead transistor characterization. Volume 15: Texas Instruments 3063036 diode	1975
19780080822	Trident (C4) beam lead transistor characterization. Volume 16: Texas Instruments 30630647 NPN transistor	1975
19780080823	Trident (C4) beam lead transistor characterization. Volume 17: Raytheon 3063117 N channel FET	1975
19780080824	Trident (C4) beam lead transistor characterization. Volume 18: Texas Instruments 3063117 N channel FET	1975
19780080863	Process specification preseat visual examination criteria for transistors	1975
19780080864	Process specification visual inspection criteria for semiconductor devices	1975
19780080925	Theoretical calculations of the electronic structure and optical transitions of UF6 and UF5	1975
19780080926	Whisker growth from a bright acid tin electrodeposit	1975
19780080996	Flight test data on the angle of attack Divergence of reentry vehicles induced by frustum transition (STREET-AIV) (U)	1975
19780081037	Equations of motion of an inertially guided, rocket-boosted glide bomb	1975
19780081041	Hydroelastic mathematical model of space shuttle liquid propellant tanks	1975
19780081106	Infrared countermeasures analysis mission. Scenario signature predictions for AH-1 (U)	1975
19780081116	EMP effects on the L-4 transmission system (U)	1975
19780081131	Command support project (U)	1975
19780081191	Statics and the dynamics of thin-walled shell constructions, part 2	1975
19780081233	CO2 laser interaction with magnetically confined plasmas	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081279	Evaluation of rigid in-flight refueling probe installation in model S-3A airplane	1975
19780081280	Evaluation of P-3C/HARPOON weapon system interface	1975
19780081533	Product specification, transformers, and inductors, high reliability	1975
19780081542	Low band millimeter wave TWT QKW1756 (U)	1975
19780081543	Low band millimeter wave TWT QKW1756 (U)	1975
19780081570	Design study for aircraft launcher alignment sensor	1975
19780081670	Evaluation of programming and systems techniques. Choosing the programming language	1975
19780081671	Evaluation of programming and systems techniques	1975
19780081689	The degradation characteristics and mechanisms of an optically coupled isolator	1975
19780081707	Electrostatic discharge in microcircuits: Detection and protection techniques	1975
19780081747	AQM-34 G-switch investigation	1975
19780081748	Ground launch demonstration of the JBQM-34H remotely piloted vehicle with thrust vector control ground temperature tests, volume 2	1975
19780081831	System evaluation for hardened CMOS/SOS applications to booster/reentry requirements. Volume 3: Evaluation of hardened bulk CMOS to system performance requirements (U)	1975
19780081915	Trapatt diodes (S3101) and oscillator circuits (S548) 500 MHz	1975
19780081918	Theory of a new three-terminal microwave power amplifier	1975
19780081945	Measurement accuracy of flow velocity via a digital-frequency-counter laser velocimeter processor	1975
19780082008	MIXFAC: A computer program for generalized yates analysis of mixed level factorial experiments for measurement	1975
19780082052	Basic considerations in designing an experiment	1975
19780082092	The HH-46A hover coupler support	1975
19780082096	Evaluation of a radar and a barometric altimeter activated two-stage group airdrop system	1975
19780082106	Evaluation of P-3 instrument landing system test sets	1975
19780082153	Telemetry and data relay for manned space programs	1975
19780082169	Advanced composites design guide. Volume 4: Materials, third edition, first revision	1975
19780082174	Raman scattering from water vapor	1975
19780082175	The GEZRO process for open-cycle hydrogen production	1975
19780082200	Fabrication techniques for track elastomeric compounds	1975
19780082341	The application of numerical models to storm surge prediction	1975
19780082396	BEAMOS: An electron beam addressed semiconductor mass memory	1975
19780082402	How to use SPECOL	1975
19780082445	Chicago Technology Utilization Conference Series	1975
19780082448	Flourine in meteorites	1975
19780082482	F-4E austere HUD/gunsight phase A	1975
19780082485	Feasibility investigation of a two-stage, platform-mounted airdrop system	1975
19780082487	SST technology follow-on program-phase 2. Development and evaluation of fuel tank sealants	1975
19780082488	Stall/post-stall/spin avoidance tests of the YA-10 aircraft	1975
19780082512	Tilt rotor aircraft systems cost and operational effectiveness analysis tilt rotor COEA. Volume 2: Main report (U)	1975
19780082519	RPV application study inputs, ew missions for nonavigation ships (U)	1975
19780082636	Excede/Spire sounding rocket payload recovery parachute system tests	1975
19780082746	Raman scattering studies of combustion	1975
19780082748	SUBCALC: A computer program for calculating carbon-13 NMR chemical shifts in aromatic systems	1975
19780082752	Shock induced formation of superparamagnetic (SP) and Single Domain (SD) metallic phases	1975
19780082779	Tungsten carbide-cobalt plasma spray deposition on magnesium cams	1975
19780082780	Elevated temperature capability of CIBA 6005/906/DMP30 Epoxy resin system	1975
19780082856	Examination of Standoff Target Acquisition System SOTAS, volume 1 (U)	1975
19780082861	DNA EMP (electromagnetic pulse) handbook, chapter 14 (U)	1975
19780082862	DNA EMP electromagnetic pulse handbook, chapter 13 (U)	1975
19780082895	Effects of straight-through modulated coherent repeaters (U)	1975
19780082938	Evaluation of critical parameters	1975
19780082941	Source control drawing microcircuit, monostable vibrator	1975
19780082947	Coils, inductance, fixed, 20 KHz, 16.5 volts	1975
19780082950	Stability of AC machines	1975
19780082954	SEM analysis microcircuit	1975
19780082963	Qualification test to drawing R 8669P1 on semiconductors, special type of, optically coupled isolators, gallium arsenide, planar diffused	1975
19780082964	Evaluation of SNC545280J to vendor specification on microelectronic circuits, digital, monolithic, comparator, transistor-transistor logic, dual-in-line, ceramic	1975
19780082971	Process specification, capacitor, fixed, liquid electrolyte, tantalum	1975
19780082972	Product specification, microcircuits, beam lead, sealed junction general specification for	1975
19780082974	Qualification of PNP power transistors type OR4-025	1975
19780082975	Qualification of PNP power transistors	1975
19780082976	Workmanship standards: Terminal installation, component mounting and hand soldering	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082977	Workmanship standards: Printed circuit assemblies	1975
19780082978	Workmanship standards: Electrical assemblies	1975
19780082987	Product specification microcircuits, high reliability, visual criteria for	1975
19780082988	Source control drawing microcircuit, quadruple, 2-input NAND gate	1975
19780082990	Source control drawing microcircuit, 4-bit binary counter	1975
19780082991	Source control drawing microcircuit, 8-bit parallel-out serial shift register	1975
19780083070	NDCC military new versus retread tire test program and nondestructive evaluation of test tires	1975
19780083105	Observed plasma acceleration from merging at the dayside magnetopause	1975
19780083149	The influence of distraction on the perception of time	1975
19780083178	Digital processor controller	1975
19780083210	Atomic clock test program for NAVSTAR	1975
19780083251	Independent evaluation of the operational test portion AN/TAS-4 and AN/TAS-5 combined research and development acceptance test and operational test 1A (U)	1975
19780083259	Optical Technology Measurement Program (OTMP) (U)	1975
19780083270	Electron Paramagnetic Resonance (EPR) studies of lattice defects in semiconductors	1975
19780083271	Simulation of back reflection Laue patterns	1975
19780083285	Computer assisted literature searching	1975
19780083293	OSO-7 observations of the X-ray nova 3U1543-47	1975
19780083294	Observations of variable X-ray sources in globular clusters	1975
19780083295	X-ray binaries in globular clusters	1975
19780083296	Galactic super halos, globular clusters and the nature of the high latitude X-ray sources	1975
19780083298	Quantizing magnetic fields in astrophysics	1975
19780083300	Research on meteorites, 1973 - 1975	1975
19780083310	Suprathermal protons in the interplanetary solar wind	1975
19780083397	Automated tiered network	1975
19780083399	SAFEGUARD Operational Experience Program. Chapter 4, appendix B-7: Contractor site security/nuclear surety guide. Volume 1: Security	1975
19780083400	SAFEGUARD Operational Experience Program. Chapter 4, appendix B-8: Contractor site security/nuclear surety guide. Volume 2: Nuclear surety	1975
19780083404	SAFEGUARD operational experience program. Chapter 5, appendix A: Explanation and use of BMDCA-SEA form 1, dated 1 Aug. 75, techcon trouble ticket	1975
19780083418	Scaling of orbiter aerothermodynamic data through numerical flow field simulations	1975
19780083474	Process specification for the application of silicone corona shield compounds and overcoating	1975
19780083491	Exact solution to an inverse scattering problem	1975
19780083525	Integrated circuit HEX inverter buffers/drivers, output, TTL	1975
19780083534	Transistors, power, NPN, silicon	1975
19780083543	Qualification test to drawing R-8669P1 on semiconductors, special types of, optically coupled isolators, gallium arsenide, planar diffused	1975
19780083544	Qualification test to drawing R 8669P1 on semiconductors, special types of, optically coupled isolators, gallium arsenide, planar diffused	1975
19780083557	Integrated circuit, dual 4-stage, serial input/parallel output static shift register, CMOS	1975
19780083565	SEM quality assurance activity test report on modules, composite, NOC	1975
19780083568	Source control drawing microcircuit, HEX, 1-input, inverter gate	1975
19780083569	Source control drawing microcircuit, dual, D-type edge-triggered flip-flop	1975
19780083570	Source control drawing microcircuit, dual 4-input NAND gate	1975
19780083574	Evaluate MIL-M-38510/002/04 on microelectronic circuits, digital, monolithic, flip-flop, transistor-transistor logic, flat, ceramic	1975
19780083595	Reflectance measurements of military targets for a wavelength of 1.06 microns (U)	1975
19780083599	Device evaluation test report of fasteners, screw, cadmium, steel, corrosion resistant	1975
19780083608	Workmanship standards: Wiring, cabling and harnessing	1975
19780083634	Nonequilibrium crystallization of rock melts and geological significance	1975
19780083636	An experimental study of the effects of heat removal on the phase relations of basaltic systems	1975
19780083640	The physical basis of geomagnetism and geomagnetic reversals	1975
19780083643	Horizontal crustal deformation in the Ethiopian Rift Valley: The Mirrga network	1975
19780083662	A comparison between the metabolic effects of absolute bedrest and weightlessness	1975
19780083665	The use of a model of human thermoregulation during the Apollo and Skylab programs	1975
19780083667	Metabolic rate control during extravehicular activity simulations and measurement techniques during actual EVAs	1975
19780083680	Instrumentation for human factors measurement in the tropics 2: A biotelemetry safety monitoring system for jungle patrols	1975
19780083697	Hypercomp (trade mark), upgraded classifier. Part 1: Synthesis of nonlinear adaptive learning network seismic target classifier	1975
19780083727	Differences in the production of noncharacteristic radiation in solid and gas targets	1975
19780083728	A study of the pressure induced phase transition in paratellurite (TeO ₂)	1975
19780083731	Measurements of cascades initiated by 5-300 GeV hadrons in a tungsten ionization spectrometer	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083733	Dynamic crystallization experiments on mare basalts	1975
19780083745	Observations of a bright, variable X-ray source in a globular cluster and the nature of the sources in the galactic bulge	1975
19780083746	A search for optical pulsations from X-ray sources near lambda lambda 4640-50 and lambda 4686	1975
19780083747	Recent results of X-ray observations from OSO-7 and SAS-3. The x-ray sky globular cluster X-ray sources slow X-ray pulsars and a new double line X-ray binary (Vela XR-1) variability and position of the compact X-ray source in Cen A	1975
19780083749	High energy X-ray observations of a lunar occultation of the Crab Nebula	1975
19780083750	A sudden increase in the X-ray flux from Centaurus A	1975
19780083753	Observations of X-rays from the vicinity of the globular cluster NGC6440	1975
19780083755	The Perseus and Coma clusters of galaxies at energies above 20 2keV	1975
19780083756	On the flux and the energy spectrum of interstellar ions in the solar system	1975
19780083764	The state of meteoritic material on the moon	1975
19780083765	Heterogeneity in titaniferous lunar basalts	1975
19780083769	Experimentally reproduced textures and mineral chemistries of high titanium mare basalts	1975
19780083770	Ilmenite chemistry in mare basalts, an experimental study	1975
19780083771	Mare basalts, the internal constitution of the moon, and the LPO	1975
19780083781	Mare basalt petrogenesis: The role of hybridization	1975
19780083782	Inhomogeneity of trace element distributions from studies of the rare earths and other elements in size fractions of crushed basalt	1975
19780083784	On the initial expansion of meteor trails	1975
19780083785	RB-SR Ages and Initial SR-87/SR-86 Ratios for Apollo 17 Mare Basalts	1975
19780083809	Experience in computing the wavemaking of hovercraft	1975
19780083903	SAFEGUARD Operational Experience Program. Chapter 1, appendix 1: Project history	1975
19780083904	SAFEGUARD Operational Experience Program. Chapter 1, Appendix 2: Kwajalein field station	1975
19780083907	SAFEGUARD Operational Experience Program. Chapter 9, appendix 9-1: System Trouble and Corrective Action Reports (STCAR) investigation	1975
19780083908	SAFEGUARD Operational Experience Program. Chapter 10, appendix 10-1: Deferred maintenance operational experience study report	1975
19780083912	SAFEGUARD Operational Experience Program. Chapter 4, appendix B12: Nuclear Capability Evaluation (NCE) SAFCMD, 6-18 January 1975	1975
19780083914	SAFEGUARD Operational Experience Program. Chapter 4, appendix B5: Ballistic missile defense master plan part number 3.37, Nuclear Capability Exercise (NCE)	1975
19780083915	SAFEGUARD Operational Experience Program. Chapter 4, appendix B4: Ballistic missile defense master plan part number 3.34, security policy for the Stanley R. Mickelsen SAFEGUARD Complex	1975
19780083916	SAFEGUARD Operational Experience Program. Chapter 4, appendix B3: Ballistic missile defense master plan part number 3.30, Nuclear Accident and Incident Control (NAIC)	1975
19780083922	ARPA Workshop on GPS/Missile Guidance (U)	1975
19780083929	Analysis of patriot special surveillance modes (U)	1975
19780084010	New plastics as thermally stable high polymers	1975
19780084011	Packing density and predetermination of densities with polyurethanes	1975
19780084104	Process specification, capacitor, fixed, ceramic dielectric, high reliability	1975
19780084107	Report of tests for qualification of molded, metal film resistors per EKTR 365	1975
19780084108	Qualification of NPN power transistors	1975
19780084113	Capacitor, variable, glass dielectric group A and B inspections	1975
19780084128	Heat transfer in heterogeneous test specimens	1975
19780084227	Evaluation of the gravity independent miniature analytical system	1975
19780084238	Development of prediction techniques for effects on personnel exposed to thermal radiation (U)	1975
19780084294	Product specification, crystal, quartz	1975
19780084332	Investigation of automatic coupled curved	1975
19780084333	USS oriskany AN/SPN-41 certification	1975
19780084340	AV-8+ aircraft description. Volume 7: Systems	1975
19780084344	Final qualification and service suitability tests of the A-7 main landing gear rebuilt tires manufactured by air treads	1975
19780084345	F-14A airplane luminous yaw string	1975
19780084352	Design of the TF30-P-412A seventh stage (mid compression bypass) bleed functional check system	1975
19780084443	Bibliography on heat treatment	1975
19780084473	Flight test program for radar set An/APQ-145	1975
19780084501	Test report 37760 on semiconductor, diode	1975
19780084502	Life and environmental test schedule/summary	1975
19780084503	Transistor, dual PNP, switching 1P020	1975
19780084504	Customer report for TRW	1975
19780084516	Device evaluation test report on semiconductors, transistors, general purpose, silicon, PNP, planar, ceramics	1975
19780084517	Device evaluation test report, transistor, general purpose, NPN, beam lead	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084518	Device evaluation test report, transistor, general purpose, NPN, beam lead	1975
19780084519	Qualification report on semiconductor, transistor, amplifier, NPN bipolar, silicon, can	1975
19780084526	Preproduction test report for parametric amplifier (LNA)	1975
19780084604	An analysis of two systems for nodule exploitation at great depths to assure an annual production of a million tons	1975
19780084634	Manufacturing methods and technology, 180 element detector/Dewar assembly. Section 2: Array process specifications (U)	1975
19780084683	Raydist initialization study	1975
19780084714	A-7E TRAM AN/AAR-39 forward-looking infrared receiver maintainability demonstration	1975
19780084726	Flight test mission control complex requirements and criteria study	1975
19780084727	SATS launch bulletins	1975
19780084740	Contending with an airborne antitank threat	1975
19780084757	Thermal performance of a customized multilayer insulation (MLI)	1975
19780084834	Breadboard power supply part no. 283213: Evaluation report	1975
19780084837	Microcircuit, dual J-K flip-flop with present	1975
19780084860	Device evaluation test report on transformers, power, general purpose, enclosed, 3-30 KHz	1975
19780084861	Production assessment test report on relays, latching, 10 to less than 20 AMP, hermetically sealed, 4 PDT	1975
19780084862	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1975
19780084863	Production assessment test report on microelectronic circuits, gate, monolithic circuits, NOC, flat pack	1975
19780084875	Qualification of Aladdin Industries pulse transformer 886C278	1975
19780084925	MK-98 module qualification test report	1975
19780084926	SEM quality assurance activity test report on modules, composite, NOC	1975
19780084927	SEM quality assurance activity test report on modules, composite, NOC	1975
19780084928	MK-98 module qualification test report	1975
19780084929	MK-98 module qualification test report	1975
19780084930	SEM quality assurance activity test report on modules, composite, NOC	1975
19780084934	SEM quality assurance activity test report on modules, composite, NOC	1975
19780084955	SEM quality assurance activity test report on modules, composite, NOC	1975
19780085080	Flight Propulsion Control Coupling (FPCC) and dynamic interaction investigation, volume 1, phase 1	1975
19780085364	SEM quality assurance activity test report on modules, composite, NOC	1975
19780085430	Dual field-of-view imaging IR guidance unit (U)	1975
19780085511	Flight Propulsion Control Coupling (FPCC) and dynamic interaction investigation, volume 2	1975
19780085524	Aircraft engine emissions catalog	1975
19780085562	NAVSTAR GPS satellite-to-satellite tracking study	1975
19780085566	Safeguard Operational Experience Program (SOEP). Chapter 4, appendix A2: Ballistic missile defense master plan. Part no. 3.32: Nuclear weapons and material nuclear surety policies and procedures for Safeguard sites (U)	1975
19780085584	SAFEGUARD Operational Experience Program (SOEP). Chapter 2. Appendix 1. SRL decision tree for tactical warnings (U)	1975
19780085586	SAFEGUARD Operational Experience Program (SOEP). Chapter 2, appendix 8A: Trial code system for SAFEGUARD (U)	1975
19780085587	SAFEGUARD Operational Experience Program (SOEP). Chapter 2. Appendix 3. Nuclear Employment Authority (NEA). Subsystem description (U)	1975
19780085720	SEM quality assurance activity test report on modules, composite, NOC	1975
19780085721	SEM quality assurance activity test report on modules, composite, NOC	1975
19780085723	SEM quality assurance activity test report on modules, composite, NOC	1975
19780085724	SEM quality assurance activity test report on modules, composite, NOC	1975
19780085725	SEM quality assurance activity test report on modules, composite, NOC	1975
19780085744	Coal technology program work plan for supporting research and development on separations technology	1975
19780085869	Harpoon tactical development study, 1975. Annex C: Computer program description for FF-1052 and P-3	1975
19780086037	SEM quality assurance activity test report on modules, composite, NOC	1975
19780086038	SEM quality assurance activity test report on modules, composite, NOC	1975
19780086039	SEM quality assurance activity test report on modules, composite, NOC	1975
19780086041	SEM quality assurance activity test report on modules, composite, NOC	1975
19780086042	SEM quality assurance activity test report on modules, composite, NOC	1975
19780086048	SEM quality assurance activity test report on modules, composite, NOC	1975
19780086085	Evaluation of the NAVAIRDEVCON 70mm infrared night photographic system	1975
19780086201	B-1 wind tunnel test results 0.2 scale external compression inlet verification model (AEDC SF 169 phase 1)	1975
19780086203	An implicit finite element algorithm for the boundary layer equations	1975
19780086247	B-1 landing gear subsystem alternate capabilities design analysis report	1975
19780086249	Final predicted drag status of the B-1 air vehicle, revision	1975
19780086250	B-1 air vehicle number 2 structural ground test program, volume 2	1975
19780086327	Plasma spray coating, test and evaluation procedure	1975
19780086340	Absorptance of white polyurethane paint to black body energy and nuclear energy	1975
19780086368	Methodology investigation: Radio frequency propagation in the tropics, a limited pathloss study	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086397	Source control drawing microcircuit, operational amplifier	1975
19780086398	Source control drawing microcircuit, voltage regulator	1975
19780086399	Source control drawing microcircuit, dual operational amplifier	1975
19780086401	Microcircuit, 4-bit binary counter	1975
19780086441	Qualification of shaft position encoders	1975
19780086444	A study of the boundary layers in chemical laser nozzles	1975
19780086461	SEM quality assurance activity test report on modules, composite, NOC	1975
19780086462	SEM quality assurance activity test report on modules, composite, NOC	1975
19780086546	A 6E Target Recognition Attack Multisensor (TRAM) Navy Technical Assessment (NTA) report of test results	1975
19780086547	A-7E TRAM Navy Technical Assessment (NTA) report of test results	1975
19780086558	Navy Cost Information System (NCIS). Five Year Defense Program (FYDP)/ Ships Management Information System (SMIS) interface system. Production runbook	1975
19780086569	Statement of work, B-1 program, revision	1975
19780086592	Wind tunnel tests on the static aerodynamics of WRE S-curve bomblets at subsonic speeds	1975
19780086606	Advanced Fighter Technology Integration (AFTI). Part 4, volume 4: Near term demonstrator. Phase 1, task 2: Definition/refinement studies structures and equipment	1975
19780086724	Design, fabrication and test of a target recognizer (U)	1975
19780086793	TREE design-to analysis B-1 horizontal situation indicator	1975
19780086796	B-1 nuclear radiation hardening design guidelines and analysis requirements. Revision	1975
19780086840	Metallurgical control of fragmentation (U)	1975
19780086911	Semiconductors, diode, silicon, lead - axial	1975
19780087127	B-1 wind tunnel test results 0.2 scale external compression inlet verification model (AEDC SF 164)	1975
19780087129	B-1 flow field investigation and chaff simulation wind tunnel test	1975
19780087135	The B-1 full-scale inlet engine compatibility test AEDC TF 329 and SF 166. Volume 7: Inlet control characteristics	1975
19780087143	B-1 brake energy operating limitations study	1975
19780087152	B-1 air vehicle number 2 structural ground test program, volume 1	1975
19780087188	Solar probe mission	1975
19780087205	Mars polar orbiter/penetrator	1975
19780087268	Simulation study of the SA-2 missile system (U)	1975
19780087298	Load introduction problems in spacecraft structures	1975
19780087319	Advanced composites production/service experience	1975
19780087332	Advanced composites production/service experience	1975
19780087338	Manufacturing methods for composite fan blades	1975
19780087339	Manufacturing methods for composite fan blades	1975
19780087342	Advanced composites production/service experience	1975
19780087343	Manufacturing methods for low cost automated fabrication of composite structures	1975
19780087344	Manufacturing methods for advanced radome production	1975
19780087345	Manufacturing methods for low cost automated fabrication of composite structures	1975
19780087387	EMP test of shield termination methods	1975
19780087492	Semiconductors, diode, silicon, lead - axial	1975
19780087607	The ROSCOE Manual. Volume 19. Computer listings: Atmospheric, geomagnetic, and high-altitude energy-deposition and neutral-particle-motion models (U)	1975
19780087646	Evaluation of infrared countermeasures jam/signature analysis of suppressed aircraft (U)	1975
19780087690	B-1 windshield bird impact tests crew station environment evaluation methods	1975
19780087770	Rockwell Automated Stress Spectrum Program (RASSP)	1975
19780087810	Military medical journal no. 10, October 1975	1975
19780087837	Photoelectric photometry of the fifth satellite of Jupiter	1975
19780087839	Titan exploration study	1975
19780087885	B-1 full scale inlet engine compatibility test AEDC TF 329 and SF 166. Volume 3: Analysis of inlet-engine compatibility	1975
19780088058	Jetting at low velocity oblique impact	1975
19780088117	Analysis of measured B-1 noise and vibration environment preliminary flight test data	1975
19780088130	B-1 brake energy operating limitations study (flaps and slats retracted)	1975
19780088139	PLZT flash blindness/thermal protective device functional description and analysis of system integration requirements	1975
19780088148	Nonnuclear system response analysis vulnerability data environmental control subsystem (ECS)	1975
19780088150	Fluid contamination testing of TFE lined bearings	1975
19780088151	B-1 weapon's bay acoustic and vibration levels with and without full SRAM stores	1975
19780088153	Nonnuclear system response analysis: Vulnerability data, Air Induction Control Subsystem (AICS)	1975
19780088289	Basic study on the further development of cable TV systems in Japan, part 2	1975
19780088290	Basic study on the further development of cable TV systems in Japan, part 1	1975
19780088301	Evaluation to drawing 3203061 semiconductors, diode, rectifier, silicon, diffused, metal	1975
19780088302	Evaluation to drawing 3203061 semiconductors, diode, rectifier, hyperabrupt, silicon, mounted-stud	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088306	Source control drawing, transformer, current	1975
19780088307	Source control drawing transformer, power saturating, 81KHz	1975
19780088357	High-powered laser as a flexible weapon system	1975
19780088372	Marker load development for the X993 crack propagation study	1975
19780088442	Controlled gas phase doping for generation of arbitrary doped epitaxial layers	1975
19780088516	Performance improvement studies	1975
19780088532	B-1 terrain following algorithm and constants	1975
19780088551	Non-nuclear system response analysis vulnerability data for the B-1 crew	1975
19780088552	Wing sweep subsystem endurance verification and actuator maintenance interval for the B-1 RDT and E program	1975
19780088553	Nonnuclear system response analysis vulnerability data. Engine installation subsystem EIS	1975
19780088561	B-1 landing gear subsystem design analysis report	1975
19780088578	Navy technical evaluation of model AH-1J Iran helicopter	1975
19780088609	Turbulent mixing and combustion	1975
19780088620	B-1 A/C 4 delta to A/C 1, 2 and 3 flight control subsystems: Preliminary design review configuration	1975
19780088790	A description of the influence of the atmosphere and the reflection and emission properties of the earth's surface on the performance of microwave reconnaissance systems. Part 1: Influence of the atmosphere	1975
19780088791	Description of the Effects of the Atmosphere and the Reflection and Emission Characteristics of the Earth's Surface on the Performance of Microwave Reconnaissance Systems	1975
19780088815	Source control drawing resistor, hermetically sealed, fixed, metal film	1975
19780088817	Source control drawing resistor, fixed, metal oxide film resistor/3040859 C	1975
19780088850	Qualification of PM Stepper motors	1975
19780088855	Development of IMPATT diodes	1975
19780088866	Microelectronic circuits, digital, monolithic, counter, transistor-transistor logic, flat, ceramic	1975
19780088871	Transistor, silicon, NPN, low power, 1P193	1975
19780088874	Transistor, PNP medium power, high frequency, 1P114	1975
19780088876	Diode, Zener, 5W, 1D073	1975
19790004573	Digital controller design. Analysis of the annular suspension pointing system	1975
19790071179	Synthesis and characterization of polycarbonates from geminally substituted (cyclic) methylene bis-phenols	1975
19790071848	Methane and radon-222 as tracers for mechanisms of exchange across the sediment-water interface in the Hudson River Estuary	1975
19790071849	Nutrient budgets in the Hudson River Estuary	1975
19790071949	The State-of-the-Art- in Air Transportation Demand and Systems Analysis. A report on the proceedings of workshop	1975
19790074011	Emergency escape system	1975
19790074049	Remote sensing by ERTS satellite of vegetational resources believed to be under possible threat of environmental stress	1975
19790074161	Studies in transonic flow 3: Inviscid drag at transonic speeds	1975
19790074584	Sunfall monitor calibration plan	1975
19790074632	Sunfall monitor operating procedures	1975
19790074714	Toward a quantitative relationship between elastic properties and cracks in low porosity rocks	1975
19790079123	Effects of ultra-high temperatures on Bacillus subtilis var. niger spore aerosols as a function of relative humidity	1975
19790079487	Development program on thin-film multipoint field emission cathodes	1975
19790080181	Advanced Rankine Cycle Potassium Boiler Development Program	1975
19790080594	Benefit/cost study of large area space structures	1975
19790080728	Aerodynamic design data book. Volume 1J: Orbiter vehicle	1975
19790080738	Apollo Soyuz test project: Technical requirements for stabilization and control systems	1975
19790080739	Apollo Soyuz test project: Design characteristics for Soyuz and Apollo	1975
19790080744	Apollo Soyuz test project: Safety assessment report for Soyuz pyrotechnic devices	1975
19790080840	Radiant heating of aerospace materials. Part 2: Laser effects Prediction Procedure code	1975
19790080984	Final predicted performance status of the B-1 projected production air vehicle: Revision (U)	1975
19790081055	B-1 A/V 3 subsystem data definition and SCAS, SMCS, AILA and NAV steering check cases (U)	1975
19790081374	Feasibility study of active cooling of radomes	1975
19790081559	Future payload technology requirements study	1975
19790081621	Air-to-air missile scoring antenna pattern analysis and synthesis	1975
19790081931	Equivalent circuit concepts for electronic failure analysis	1975
19790082006	Measuring the impact delay of a projectile	1975
19790082057	An optical method for determining the grain resistivity in ZnO-based ceramic varistors	1975
19790082060	Microcircuit, timing circuit	1975
19790082061	Quality assurance report of special tests (1H163-001V-175) on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, flat, ceramic	1975
19790082062	Quality assurance report of special tests 1H161-001V-175 on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, flat, ceramic	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082118	Night flight with night vision systems-low-altitude performance with advanced flir's and night vision goggles (U)	1975
19790082344	Feasibility study of laser velocimeter measurements within a high-speed centrifuge	1975
19790082576	Process specification: Optical bonding with Eastman Kodak HE-79	1975
19790082577	Vibrational spectra of vapor-deposited binary phosphosilicate glasses	1975
19790082668	Reliability engineering report, D/C 7531 on microelectronic circuits, digital, monolithic, flip-flop, transistor-transistor logic, flat, ceramic	1975
19790082670	Lot acceptance data on microelectronic circuits, digital monolithic, counter, transistor logic, flat, ceramic	1975
19790082672	Capacitor, variable (trimmer)	1975
19790082692	Quality assurance report of special test 1H162-001V-175 on microelectronic circuits, digital, monolithic, inverter, transistor logic, flat, ceramic	1975
19790082720	Glass/metal compression seals designed to withstand thermal excursions	1975
19790082721	Quality assurance report of special tests (1H165-001V-175)	1975
19790082733	Ionospheric data. Station Tsumeb/South West Africa	1975
19790082734	Ionospheric data. Station Tsumeb/South West Africa	1975
19790082749	Multi-microprocessor system for industrial control	1975
19790082761	Axial forces between coaxial right circular cylindrical ideal permanent magnets	1975
19790082772	Defects in irradiated silicon: EPR of the tin-vacancy pair	1975
19790082773	Electron transport in some one-dimensional complex semiconductors	1975
19790083170	Source control drawing, fuse, sub-miniature, hermetically sealed	1975
19790083236	Maintainability design of digital systems/equipments	1975
19790083292	Tactical Air-to-Air Mission Evaluation (TAME) model. Volume 1: General description	1975
19790083293	Tactical Air-to-Air Mission Evaluation (TAME) model. Volume 2: TAME analyst's model	1975
19790083294	Tactical Air-to-Air Mission Evaluation (TAME) model. Volume 3: TAME user's manual	1975
19790083391	Tactical coordinate system translation	1975
19790083465	Manufacturing methods for 40mm microchannel image intensifier assembly	1975
19790083482	Suitability of current and proposed TADIL languages for JTIDS use	1975
19790083656	Scout Helicopter Special Study Group (SHSSG) volume 2 (U)	1975
19790083988	Laser effects on a loaded structure (U)	1975
19790084015	Experimental techniques for fracture mechanics: R-curve test procedures evaluation	1975
19790084349	Glass-reinforced plastic piping systems for 2000-ton surface effect ships	1975
19790084545	Hybrid microcircuits and analog switches/multiplexers, general specification for revision H	1975
19790084662	Elastometric bladder design for minimal dynamic stress	1975
19790084756	Computer simulation of Gaussian noise from random numbers	1975
19790084861	Asymptotic theory of two-dimensional trailing edge flows	1975
19790085014	Proposed JTIDS concept to support the TADIL C function (U)	1975
19790085015	STRAWMAN specification for translation between TADIL A and JTIDS interim message specifications (U)	1975
19790085044	Component qualification report on microelectronic circuits, digital frequency divider, transistor-transistor logic, silicon	1975
19790085068	Further developments in an analysis of the interaction of a weak normal shock wave with a turbulent boundary layer	1975
19790085498	AV-8A 15% scale powered mini and low speed wind tunnel program, volume 2	1975
19790085499	AV-8A 15% scale powered mini and low speed wind tunnel program, volume 3	1975
19790085674	Forecast verification as a function of reconnaissance,	1975
19790085701	Qualification data on semiconductor, transistor, power, generation, NPN bipolar, silicon, can	1975
19790085721	Semiconductor, transistor, power, audio, NPN bipolar silicon, can	1975
19790085887	AV-8A 15% scale powered mini and low speed wind tunnel program, volume 1	1975
19790086021	Production assessment test report on semiconductors, diode, switch, junction, silicon, lead-axial	1975
19790086039	Semiconductor device, diode rectifier source control drawing	1975
19790086254	Adhesive, filled, hot melt non-supported	1975
19790086295	Source control drawing transistor, npn, power	1975
19790086318	Integrated circuit, TTL, dual 4-input line driver	1975
19790086319	Microcircuit, 4-line to 10-line decoder	1975
19790086427	Universal Far Infrared Sensor (UFIRS). Phase 2, appendix B: Scanner	1975
19790086428	Universal Far Infrared Sensor (UFIRS). Phase 2, appendix A: Engineering design test plan	1975
19790086429	Universal Far Infrared Sensor (UFIRS), phase 2	1975
19790086430	Universal Far Infrared Sensor (UFIRS). Phase 2, appendix F. Detector/Dewar	1975
19790086431	Universal Far Infrared Sensor (UFIRS). Phase 2, appendix G: Video	1975
19790086432	Universal Far Infrared Sensor (UFIRS). Phase 2, appendix H: LED	1975
19790086435	Physical properties of diamond	1975
19790086436	Vapor deposition of high P205-content binary phosphosilicate films on silicon	1975
19790086542	An analysis of F-4 strikes against airfields and armored targets (U)	1975
19790086596	Maverick optical tests (U)	1975
19790086862	Universal Far Infrared Sensor (UFIRS). Phase 2, appendix E: Cooler/Inverter	1975
19790086863	Universal Far Infrared Sensor (UFIRS). Phase 2, appendix D: Collimator	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086864	Universal Far Infrared Sensor (UFIRS). Phase 2, appendix C: Imager	1975
19790086906	Flight test evaluation of avoid 1 collision avoidance system	1975
19790087027	Component qualification report, diode, Microwave associates, MA47047	1975
19790087041	Preconditioning requirements and procedures for microwave modules containing semiconductors	1975
19790087233	Gas turbine engine stability and performance as determined by fuel and injector type	1975
19790087245	NASA task team report on satellite communications, appendixes	1975
19790087246	NASA task team report on satellite communications	1975
19790087405	Preproduction test report for parametric amplifier (LNA)	1975
19790087791	Integrated circuit, Mox Hex inverter/interface gate, low power	1975
19790087797	Qualification test report on switches, fluid pressure 1 A, 28 volts	1975
19790087907	Tires, orbiter	1975
19790087998	Microcircuit, operational amplifier, voltage follower	1975
19790087999	Microcircuits, differential comparator	1975
19790088024	Integrated circuit, gate, quad, NOR, 75 ohm driver	1975
19800070038	Description and test evaluation of a high performance liquid hydrostatic gyro for precision attitude reference applications	1975
19800071504	Shuttle systems weight and performance	1975
19800071505	Shuttle systems weight and performance	1975
19800071506	Shuttle systems weight and performance	1975
19800071507	Shuttle systems weight and performance	1975
19800071508	Shuttle systems weight and performance	1975
19800071509	Shuttle systems weight and performance	1975
19800071510	Shuttle systems weight and performance	1975
19800071511	Shuttle systems weight and performance	1975
19800071512	Shuttle systems weight and performance	1975
19800071513	Shuttle systems weight and performance	1975
19800072093	Development of an air pollution model for the San Francisco Bay area. Volume 2: Appendixes	1975
19800073297	On the relationship between structured programming and correctness proofs	1975
19800073327	Statements of work handbook	1975
19800073378	Syntheses of amino acids from aliphatic amines by contact glow discharge electrolysis	1975
19800073379	Solid surfaces: Thirty years of progress	1975
19800073387	Characterization of functional groups of acidic thermal polymers of alpha-amino acids	1975
19800073398	ISIS beacon experiments	1975
19800073526	Results of low-temperature research. 14: The atomic and electron heat of rhodium and iridium between 10 deg and 273 deg K	1975
19800073608	Crystal field effects in chromium and its partitioning in the mantle	1975
19800073741	Structure property relationships: Key to solid-state science and technology	1975
19800073765	Polarized electronic spectra	1975
19800077185	Antenna radiation pattern testing for AN/ALR-46 (V) on F4E, RF4C and F4C wild weasel aircraft	1975
19800077193	Source control drawing, semiconductor device, diode, switching	1975
19800077226	Qualification test report for manually operated rotary dump valve	1975
19800077365	Advanced linebacker flight path system	1975
19800077379	Training plan. Part 1 thru 4 for the improved main rotor blade for the AH-1Q helicopter	1975
19800077497	Transistor, NPN, silicon, medium power, switching	1975
19800077536	Missile command specification microcircuit, digital, Schottky TTL, quad bus transceiver	1975
19800077743	Advanced technology compression system (U)	1975
19800077909	Vulnerability test of Nike Hercules missile tracking radar (U)	1975
19800077916	SEM analysis: Microcircuit	1975
19800077922	Reliability engineering report 1H152-001V-030 on microelectronic circuits, digital, monolithic register, transistor-transistor logic, can, metal	1975
19800077937	Coil, radio frequency, fixed chip	1975
19800077955	Trident (C4) beam lead transistor characterization, volume 1	1975
19800078229	Diode, high voltage, 1A	1975
19800078230	Capacitors, fixed, film dielectric (mylar) hermetically sealed, lead mount	1975
19800078232	Integrated circuits, linear, general specification for microelectronic circuits, linear, monolithic manufacturing	1975
19800078239	Microcircuit, hex inverter buffer	1975
19800078240	Reliability engineering report D/C 7513 on microelectronic circuits, digital, monolithic, buffer, transistor-transistor logic flat	1975
19800078271	Evaluation of compliance based fatigue crack propagation data	1975
19800078292	Microcircuit, hex buffer	1975
19800078311	Noter (nap-of-the-earth) 95 GHz radar wire avoidance system	1975
19800079069	Review of case level 2 illiac 4 program	1975
19800079078	Universal for infrared sensor (UFIRS) phase 2 mod system, appendix AA (U)	1975
19800079315	Microcircuit, decade counter	1975
19800079316	Reliability Engineering Report (1H002)	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079563	Tests of the B-1 0.06-scale high-lift model in the rockwell international NAAL low speed wind tunnel to investigate effects of the high-lift system on flow angle at the flight-test nose probe, test number 12, NAAL-740	1975
19800079587	XFV-12A technology prototype aerodynamic development plan	1975
19800079588	XFV-12A V/STOL technology prototype power plant analysis report	1975
19800079674	B-1 full scale inlet engine compatibility test AEDC TF 329 and SF 166. Volume 4. Basic inlet characteristics	1975
19800079703	Full scale structural ground test program A/V-2	1975
19800079711	Nonnuclear system response analysis vulnerability data for the B-1 fuel subsystem	1975
19800079713	Nonnuclear system response analysis - vulnerability data for the B-1 equipment modeled as bulk shielding	1975
19800079714	Nonnuclear system response analysis, the structural shell model	1975
19800079715	Nonnuclear system response analysis vulnerability data B-1 armament/weapon delivery subsystem	1975
19800079716	Nonnuclear system response analysis vulnerability data for the flight instrument subsystem	1975
19800079717	Nonnuclear system response analysis vulnerability data for the B-1 offensive avionics subsystem	1975
19800079718	Nonnuclear system response analysis vulnerability data for the electrical power generation and distribution subsystem	1975
19800079719	Nonnuclear system response analysis vulnerability data, Hydraulic Power Generation and Distribution Subsystem (HPGDS)	1975
19800079720	Nonnuclear system response analysis vulnerability data, Flight Control System (FCS)	1975
19800079721	Nonnuclear system response analysis vulnerability data, vulnerability data program	1975
19800079722	Nonnuclear system response analysis vulnerability data, Secondary Power Subsystem (SPS)	1975
19800079771	Fly-by-wire FBW primary flight control system	1975
19800079772	Technical description B-1 fly by wire flight control system	1975
19800079773	Tree design-to analysis B-1 flight control system - revision	1975
19800080129	Nonnuclear system response analysis. Vulnerability data, basic structure subsystem	1975
19800080401	AV-8A simulation of IFR operations from ship decks	1975
19800080598	Fatigue and fracture mechanics analysis of aircraft structure	1975
19800080601	Summary document of the 5th meeting of the Joint Soviet-American Working Group on the Study of the Natural Environment	1975
19800080741	Power supply, DC low voltage, unregulated multiple terminal	1975
19800080789	Parts reliability failure analysis, QA screening tests, resistors	1975
19800080849	Analysis of the aerodynamic characteristics of the B-1 aerodynamics force model 4 obtained during Ames test 97-785	1975
19800081082	Boundary layer transition predictions on the slat A, slat B and WASP noses	1975
19800081115	Reliability of nondestructive inspection on aircraft structure test report	1975
19800081247	Aerodynamic characteristics of open weapon bays on the B-1	1975
19800081257	Fluidic sequencer for personnel escape systems. Phase 1. Fluidic timer	1975
19800081280	B-1 air vehicle EMP hardness assurance plan. Volume 3: Appendices	1975
19800081281	B-1 air vehicle EMP hardness assurance plan. Volume 2: Background	1975
19800081282	B-1 air vehicle EMP hardness assurance plan. Volume 1: Detailed plan	1975
19800081441	Parts, reliability failure analysis, QA screening tests, diodes	1975
19800081444	Vibration response of laminated cylindrical shells embedded in an acoustic fluid	1975
19800082814	A wave-interactive model for resolution HF radars which signal process non-coherently	1975
19810065709	Earth Resources Data Format Control Book, Volume 3, Revision A	1975
19810066005	Performance of the University of Illinois	1975
19810066216	Rocket measurements of ozone and molecular oxygen by absorption spectroscopy	1975
19810066218	Measurement of electron densities below 70 km by partial reflections	1975
19810066370	Concept definition and system analysis study for a solar electric propulsion stage. Volume 3: Configuration and subsystem	1975
19810066697	Concept definition and system analysis study for a solar electric propulsion stage. Volume 2: Mission and system analysis	1975
19810066698	Concept definition and system analysis study for a solar electric propulsion stage. Volume 6: Systems requirements	1975
19810066783	Quality features of spacecraft ball bearing systems	1975
19810067395	Second-order electromagnetic and hydrodynamic effects in high frequency radio wave scattering from the sea	1975
19810068216	The 2 - 12 minute quasi-periodic variations of 50-1000 keV trapped electron fluxes detected in the afternoon magnetosphere. 1: Physical characteristics	1975
19810068217	The 2 - 12 minute quasi-periodic variations of 50-1000 keV trapped electron fluxes detected in the afternoon magnetosphere. Theory of adiabatic modulations	1975
19810069014	An experimental investigation of an axisymmetric jet in a coflowing airstream	1975
19810070403	Psychrophilic microorganisms from areas associated with the Viking spacecraft	1975
19810070666	High-rate multiplexer design concept study report	1975
19810071420	Planning study for implementation of Tilt Rotor Technologies for operational aircraft	1975
19810072473	The implementation of a data collection and satellite relay system for agricultural pest management	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810073208	NASA's role in terrestrial energy R&T	1975
19810073909	ACE biconic aerodynamics and requirements study, volume 3 (U)	1975
19810073910	ACE biconic aerodynamics and requirements study, volume 2 (U)	1975
19810073911	ACE biconic aerodynamics and requirements study, volume 1 (U)	1975
19810073918	Preliminary assessment of GPS: Aided PGRV accuracy potential (U)	1975
19810074267	Independent evaluation of the follow-on evaluation of the improved Hawk system (U)	1975
19810074472	Consideration of improved statistical methods for detecting the sea echo by noncoherent HF radars	1975
19810074642	SIAM subsystem design analysis report (U)	1975
19810075411	Bibliography on rare earth metals	1975
19810075507	Advanced diffusion bonding	1975
19810075902	Marker load development for the X993 crack propagation study	1975
19810076170	Properties of a laser with an unstable resonator containing small scale phase inhomogeneities	1975
19810076171	Experimental and theoretical studies of a closed-circuit gas-dynamic CO2 laser	1975
19810076172	Study of cooled electroionization CO laser. 1: Laser action with pure carbon monoxide	1975
19810076173	Study of a cooled electroionization CO laser. 2: Laser action employing mixtures of CO and buffer gases	1975
19810076174	Raman hydrogen laser for efficient coherent summation of nanosecond light pulses	1975
19810076505	Reentry effects on terminal guidance systems	1975
19810076703	Flight loads on DC-6 aircraft engaged in the 1975 budworm spraying program	1975
19810077174	Air Combat Manuevering Instrumentation (ACMI) pod antenna pattern measurements	1975
19810077429	Bibliography on carbon dioxide	1975
19810077743	Impact of GEDS-C data availability on cruise navigation accuracy (U)	1975
19810077774	Bibliography on canopies	1975
19810077837	Shock test program. Fragility tests of twenty-two electrical components for safeguard TSE systems and equipment, volume 1	1975
19810077838	Shock test program. Fragility tests of twenty-two electrical components for safeguard TSE systems and equipment, volume 2	1975
19810077993	Bibliography on stainless steel	1975
19810078256	Cruise Missile Guidance Set (CMGS) fly-off E-Systems	1975
19810078932	Low cost, high performance boron-aluminum/titanium diffusion bonded joints, phase 1 phase 2, phase 3	1975
19810079072	Fatigue life substantiation of dynamic components for the AH-1 R/S helicopter	1975
19810079565	Electromagnetic behavior of Radar Absorbing Chaff (RAC)	1975
19810079679	The shape of global mean sea level from GEOS-3 altimetry	1975
19810079824	Terrain following simulation program	1975
19810080308	Test and evaluation of a Low-Cost Attack Radar (LCAR)	1975
19810080395	User's manual for CONSAC 2: Software for contouring via the surface averaging concept	1975
19810080396	Programmer's Reference Manual. For CONSAC 2: Software for contouring via the surface averaging concept	1975
19810080470	Basic imagery interpretation report: Aerospace weapons and weapons systems USSR: FITTER C (U)	1975
19810081363	High energy fuels for gas turbine engines	1975
19810082017	Material specification iron (ferric) oxide, general specification for	1975
19810082029	Material specification: Aluminum powder, general specification for	1975
19810082036	Metallization of ceramic substrate, sputtering, palladium and titanium, general specification for	1975
19810082164	Product specification: Battery, secondary, instrumentation	1975
19820014156	Acceptance Test Procedure Optical Test Bench and Alignment System. X-Ray Test Facility	1975
19820066202	A study of the performance and chemical characteristics of composite reverse osmosis membranes prepared by plasma polymerization of allylamine	1975
19820067181	Guidance, control and information systems	1975
19820067282	Improvements to an existing ultrasonic instrument	1975
19820067387	Integrated control/display station for teleoperator and experiments	1975
19820068486	The cylindrical Fresnel lens as a solar concentrator	1975
19820070212	Documents in the history of NASA: An anthology	1975
19820070801	Recoupment of federally supported research and development costs	1975
19820072404	Wind-tunnel measurements of the chordwise pressure distribution of a model with a modified 17-percent thick supercritical wing	1975
19820072469	Instrumented full scale tests of a drifting buoy and drogue	1975
19820073286	Process specification: Thermocompression bonding, microelectronics general specifications for	1975
19820074989	Acoustic models of Soviet ASW aircraft: Fixed wing turboprop, IL-38, May and helicopter, KA-25, Hormone (U)	1975
19820075455	A spread-spectrum synchronization scheme for the space shuttle orbiter, revision A	1975
19820075863	Applications of submillimeter wave gigawatt sources	1975
19820075906	Photocathode study at 1.8 microns	1975
19820075934	Laser screening experiments	1975
19820076014	Proceedings of the Fourth Annual Conference on Infrared Laser Window Materials	1975
19820076386	A study of a liquid metal thermal energy source	1975
19820076574	Frequency response analysis of tracking test techniques data	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820077124	Advanced Fighter Technology Integration (AFTI), part 4, volume 6: Near term demonstrator. Phase 1, task 2: Definition/refinement studies	1975
19820077146	Cavitation, noise and their control in control valves	1975
19820077477	ARPANET economic analysis. Volume 2: Detailed analysis	1975
19820077478	ARPANET economic analysis. Volume 1: Results	1975
19820077530	Microstructure analysis. Volume 2: Laser sensor technology assessment (U)	1975
19820079139	Advanced Fighter Technology Integration (AFTI). Volume 5, part 4: Near term demonstrator. Phase 1: Task 2 definition/refinement studies	1975
19820081001	Infrared signature measurements of the F-15 aircraft (U)	1975
19820081259	TSO user's guide for the NRL atmospheric noise model	1975
19820081341	Investigation of aircraft carrier catapult alternatives	1975
19820081460	Extruded-dielectric DC cable development	1975
19820081541	The effect of muzzle flashes on air-to-ground target acquisition	1975
19830069772	Solar Energy Update	1975
19830069981	Space Shuttle SRM propellant dynamic properties	1975
19830070522	Report of the Subcommittee on Software Management, NASA Intercenter Committee for ADP	1975
19830070689	Study for identification of Beneficial Uses of Space (BUS). Volume 1: Executive summary. Phase 3	1975
19830070750	The CTS communications link characterization experiments plan	1975
19830071389	Support of EOS system definition study	1975
19830071848	Modeling turbulence for flight simulations at NASA-Ames	1975
19830072458	Satellite packet broadcasting to very small earth stations	1975
19830072460	On discrete-time processes in a packetized communication system	1975
19830072552	Ammonia boiler subsystem pressure loss math model	1975
19830072554	Ammonia boiler subsystem heat exchanger math model for NASA	1975
19830072703	User behavior on computing services. Derivation of utility function	1975
19830073645	Digital terminals for packet broadcasting	1975
19830073646	Design issues for mixed media packet switching networks	1975
19830073651	ALPHA packet broadcasting: A retrospect	1975
19830073780	Final presentation wind turbine generator study	1975
19830076986	Low thrust interplanetary trajectory open loop error analysis, Univac 1100 series version	1975
19830077232	Multisatellite Attitude Determination/Optical Aspect Bias Determination (MSAD/OABIAS) System Description and Operating Guide. Volume 2: System Description	1975
19830078750	Cost review of ground laser rangefinders and designators (U)	1975
19830079862	Mass-spectrometric investigation of water desorption from Al sub 2 0 sub 3 conversion coatings	1975
19830081101	Minutes of the 6-7 March 1975 meeting of the ARPA Image Understanding Workshop	1975
19830081151	Minutes of the Meeting of the ARPA Image Understanding Workshop	1975
19830081153	Banded spectral and spectroradiometric infrared measurements of F-4B, F-4C, RF-4C, T-33A, and F-86H aircraft (U)	1975
19830082499	Air Force energy problems: Potential role of technology and alternative fuels	1975
19830082575	Study of radiation effects in bulk CMOS microcircuits, I2L/LSI logic cells and optical couplers	1975
19830082583	Gas turbine aircraft engines design and calculation of parts	1975
19830082639	Exploratory development of antistatic coatings for use on aircraft transparencies	1975
19830082848	Strategic reentry technology program, phase 4 (STREET-A 4). Volume 6: Task 4.1.6. Analysis of unsteady flow separation over severely indented nosetips	1975
19830082851	Layer plane configurations in carbon fibres	1975
19830082874	Development of a process for producing the high energy missile fuel tetrahydronorbornadiene dimer-phase 1. Part 2: Optimization of exo-exo and endo-endo dimer processes	1975
19830082876	Development of a process for producing the high energy missile fuel, tetra-hydronorbornadiene. dimer. Phase 1, part 1: Dimerization catalyst studies	1975
19830082961	Wideband scanning local oscillators	1975
19830083016	ALCOR high altitude weather scans	1975
19830083093	Advanced Fighter Technology Integration (AFTI). Part 4, volume 5: Near term demonstrator. Phase 1, task 2: Definition/refinement studies flight/fire control, avionics, crew station and integration	1975
19830083270	Aerodynamic enhancement of laser damage to titanium alloys	1975
19830083438	The theory of flight and construction of ballistic missiles	1975
19830083717	The economic impact of NASA R and D spending. Preliminary executive summary	1975
19830083908	Electronics for spinning mass seekers	1975
19830084207	Microwave propagation and noise measurements for mobile digital radio application, packet radio note 4	1975
19830084274	Summary of 1974 independent research on fatigue analysis methods	1975
19830084591	A report on the development of a prototype Projectile Tracking Radar (PTR) evaluation model. Part 1: Summary	1975
19830084651	Lidar surveillance of weapon firing, executive summary	1975
19830084702	Results of mail survey of medical device manufacturers in reference to the NASA Biomedical Applications Team	1975
19830084703	Hand physiotherapy assist device: Description and documentation	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840067397	Aerodynamic characteristics of jet VTOL wing-body configuration in transition flight	1975
19840070652	USSR/USA Bering Sea Experiment. Proceedings of the Final Symposium on the Results of the Joint Soviet-American Expedition	1975
19840070653	Microwave Radiometric Determination of Atmospheric Parameters During the Bering Sea Experiment	1975
19840070662	Analysis of the CV-990 Passive Microwave Observations of the Sea States During BESEX	1975
19840070663	Synoptic Ice Dynamics and Atmospheric Circulation During the Bering Sea Experiment	1975
19840070666	Variation of Ice Morphology of Selected Mesoscale Test Areas During the Bering Sea Experiment	1975
19840070668	Mesoscale Description for the Principal Bering Sea Experiment	1975
19840070670	Ice Thickness Distribution as Inferred from Infrared and Microwave Remote Sensing During the Bering Sea Experiment	1975
19840070939	Image Processing Symposium for Meteorological, Atmospheric, Oceanographic and Earth Observation Applications	1975
19840072445	Skylab Experience Bulletin no. 12: Temporary equipment restraints	1975
19840072542	Skylab Experience Bulletin no. 11: Personal mobility aids	1975
19840072547	Skylab Experience Bulletin, No. 27: Personnel and Equipment Restraint and Mobility Aids (EVA)	1975
19840072548	Man-machine Engineering Data Applications of Skylab Experiments M487 and M516. Bulletin No. 15: Cable Management in Zero-g	1975
19840072550	Man-Machine Engineering Data Applications of Skylab Experiments M487 and M516. Bulletin No. 17: Neutral Body Posture in Zero-G	1975
19840072551	Skylab Experience Bulletin, No. 14: Personal Hygiene Equipment	1975
19840072997	Effect of wind tunnel wall porosity on a NASA 10-percent thick supercritical airfoil at transonic speeds	1975
19840073516	Bases of the design of rockets	1975
19840074327	AIM-9L tracking loop analog simulation derivation and description (U)	1975
19840074483	Preliminary performance evaluation of RRI optical instrument during hydronautics, September 1974, current wind-wave interaction experiments	1975
19840077030	Navy ACMR/I missile simulations. Volume 1. Computer program performance specification. Revision 1	1975
19840077206	Sanguine site study	1975
19840077248	FM/CW millimeter sensor target-background measurements (U)	1975
19840077753	B-1 tail warning radar systems design (U)	1975
19840078979	F-15 Follow-on Operational Test and Evaluation (FOT/E). Phase I. Annex F. Data collection guide	1975
19840079462	F-15 Follow-on Operational Test and Evaluation (FOT and E). Phase 1, Annex A: Air-to-Air	1975
19840079464	F-15 Follow-on Operational Test and Evaluation (FOT/E), phase 1	1975
19840079465	F-15 Follow-on Operational Test and Evaluation (FOT/E). Phase 1, annex B: Air-to-ground	1975
19840079466	F-15 Follow-on Operational Test and Evaluation (FOT/E). Phase I. Annex C: Routine missions	1975
19840079809	Methods to evaluate scanning electron microscopes	1975
19840079891	A canadian coastal sea - the Gulf of St. Lawrence	1975
19840079892	Computer programs for calculating salinity and dissolved oxygen concentrations	1975
19840079894	Density structure in the gulf of Saint Lawrence: July 1972	1975
19840079896	Publications by staff of the Bedford Institute of Oceanography 1962-1974: List of titles and index	1975
19840079897	Transports and currents in the gulf of Saint Lawrence	1975
19840079933	CHNGLC: A FORTRAN program to process output from a gas chromatograph system	1975
19840079959	An evaluation of six research scanning electron microscopes	1975
19840080040	Atomic absorption data system	1975
19840080103	Test Plan A-10 initial operational test and evaluation. Annex E: Logistics assessments	1975
19840080106	F-15 Follow-on Operational Test and Evaluation (FOT and E). Phase 1, Annex E: Maintenance, reliability, training, and logistics	1975
19840080534	An illustrated catalogue of foraminifera and ostracoda from Canso Strait and Chedabucto Bay, Nova Scotia	1975
19840080535	Chemical aspects of air-sea interactions	1975
19840081304	The quantitative determination of organic carbon, hydrogen, nitrogen, and lignin in marine sediments	1975
19850068117	Aerial method of sowing rice and grain	1975
19850068412	Correction of Earth Resources Technology Satellite Multispectral Scanner data for the effect of the atmosphere	1975
19850070937	Improved toughness of silicon carbide	1975
19850071353	Program on Earth Observation Data Management Systems (EODMS)	1975
19850071354	Program on Earth Observation Data Management Systems (EODMS)	1975
19850071641	LANDSAT: Digital image rectification system preliminary documentation	1975
19850071642	Program on Earth Observation Data Management Systems (EODMS). Preliminary needs analysis report, part 2	1975
19850071644	Program on Earth Observation Data Management Systems (EODMS). Preliminary needs analysis report, part 1	1975
19850071645	Program on Earth Observation Data Management Systems (EODMS). Preliminary needs analysis report, part 3	1975
19850073172	The temperature dependence of the electrophysical parameters of germanium solar cells under high illuminance conditions	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19850073388	Joint test project report of combat air support target acquisition program. SEEKVAL. Aided visual terrain table experiments, volume 1	1975
19850073393	Joint test project report of combat air support target acquisition program. SEEKVAL. Volume 2: Ground truth data	1975
19850073398	Joint test project report of combat air support target acquisition program. SEEKVAL. Draft. Acquisition event and system instrumentation	1975
19850073399	Joint test project report of combat air support target acquisition program. SEEKVAL. Acquisition event and system instrumentation	1975
19850073422	Aerothermal analysis of the AIM-9L sidewinder (U)	1975
19850073757	Application of the optimal pilot model to the analysis of aircraft handling qualities	1975
19850074696	SAR (Synthetic Aperture Radar) image restoration techniques for rolling ship targets	1975
19850079395	Limited visibility infrared transmission and image propagation: Phase 1 (U)	1975
19860066010	National Space Technology Laboratories/National Park Service FY74 and FY75 summary report	1975
19860066454	Investigation of dynamic heat emission patterns in mechanical and chemical systems	1975
19860066986	Hypersonic Research Engine Project. Phase 2: Final oral review technical presentation	1975
19860067098	An overview of the structure and functions of land use planning agencies	1975
19860067301	South Louisiana environmental information system, phase 2	1975
19860067302	LANDSAT menhaden-thread herring source investigation surface measurement report	1975
19860067314	Coastal and marine environment remote sensing techniques	1975
19860067315	A photomap procedure for updating 7.5 minute and 15 minute USGS quadrangles using small scale aircraft imagery	1975
19860067316	A computer implemented land use classification technique applied with ERTS digital data aquired over southern Missouri	1975
19860067900	Numerical solution of transsonic nozzle flows	1975
19860074719	Electromagnetic compatibility design guide for avionics and related ground support equipment, 2nd edition	1975
19870067653	NASA standard spacecraft computer NSSC-2 assembler language	1975
19870069164	The SWISSDOC (Swiss Doppler Observation Campaign): A contribution to topographic surveying in switzerland	1975
19880068852	SST Technology Follow-On Program, Phase 2. Redundant Flight-Critical Control System Evaluation. Task 4: Analog and Digital Systems Failure Analyses and Preflight Test Designs	1975
19880070226	Goddard trajectory determination system design manual	1975
19880072176	Compilation of the capital equipment and facilities currently in use by the NASA Earth Resources Laboratory	1975
19890068493	Experiments concerning buffer management in a virtual memory system	1975
19890068499	Initialization by compatible balancing	1975
19890068500	Optimal even-tempered Gaussian atomic orbital bases: First row atoms	1975
19890068745	A language design for vector machines	1975
19900066174	Research study to identify technology requirements for advanced earth-orbital transportation systems	1975
19900066221	Matrix bandwidth and profile reduction	1975
19900066581	Aeronautical Propulsion Conference	1975
19900066825	Wind energy developments in the 20th Century	1975
19900068946	Ramburner internal insulation investigation. Volume 2: Characterization and tailoring of silicone elastomers	1975
19910072608	Index to NASA news releases and speeches: 1974 supplement	1975
19910072854	The improved energy momentum for a scalar field, hydrodynamical dissipation, and the equation of state at high densities	1975
19910072855	Cosmology today	1975
19910073250	Neutron stars	1975
19910073415	The Apollo Program: Was it worth it	1975
19910073418	Space shuttle main engine	1975
19910073477	Research and Technology Advisory Council, Panel on Space Vehicles	1975
19910073612	Transient heating of aircraft tires	1975
19910073846	Compressor and turbine technology	1975
19910077703	Geo-synchronous space station program options for the 1985-2000 time period	1975
19920075426	Analysis of SMS-2 attitude sensor behavior including OABIAS results	1975
19930074112	Viking 75 project: Viking data analysis team report	1975
19930074340	NASA Research and Technology Advisory Council Committee on Materials and Structures meeting	1975
19930074616	Research and Technology Advisory Council Committee on Materials and Structures: Minutes of meeting	1975
19940003327	KSC cost index for construction management	1975
19940005046	Simulation study of effects of thrust vectoring and induced lift due to thrust vectoring on combat effectiveness of a fighter aircraft	1975
19940005049	Simulation study of thrust vectoring for air combat maneuvering for a lightweight fighter-class aircraft	1975
19940005193	Quantitative Density Visualization in a Transonic Compressor Rotor	1975
19940040148	Application of a Supercritical Wing to an Executive-Type Jet Transport Model	1975
19950002903	NASA STI Bulletin, 1971-1974	1975
19960018491	Thrust Chamber Life Prediction.vol. 2: Plug Nozzle Centerbody and Cylinder Life Analysis	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19960020401	Thrust Chamber Life Prediction. vol. 3: Fatigue Life Parametric Study	1975
19960023688	The Hydrostatic Ball Cup Bearing of the Triaxially Stabilized Infrared Balloon Gondola	1975
19960023692	The Reaction Wheel of the Triaxially Stabilized Infrared Balloon Gondola	1975
19960053255	Quantifying the Benefits to the National Economy from Secondary Applications of NASA Technology	1975
19970013259	Questionnaire to be Given to People from 20 to 65 Years Old	1975
19980180035	Simultaneous viscous-inviscid coupling via transpiration	1975
19980180039	A spectral time discretization for flows with dominant periodicity	1975
19980180041	Accurate solutions of the Navier-Stokes equations despite unknown outflow boundary data	1975
19980180043	High-order Taylor-Galerkin methods for linear hyperbolic systems	1975
19980180046	The Darwin direct implicit particle-in-cell (DADIPIC) method for simulation of low frequency plasma phenomena	1975
19980180051	High-order numerical method for two-point boundary value problems	1975
19980180056	Incompressibility and no-slip boundaries in the Chebyshev-tau approximation - Correction to Kleiser and Schumann's influence-matrix solution	1975
19980180060	Relativistic hydrodynamics and essentially non-oscillatory shock capturing schemes	1975
19980180064	An adaptive Cartesian grid method for unsteady compressible flow in irregular regions	1975
19980180067	Rarefied flow computations using nonlinear model Boltzmann equations	1975
19980180072	A spectral boundary integral equation method for the 2D Helmholtz equation	1975
19980180076	A well-posed numerical method to track isolated conformal map singularities in Hele-Shaw flow	1975
19980180080	A spectral method for polar coordinates	1975
19980180083	Energy conserving, Liouville, and symplectic integrators	1975
19980180087	On the conditional consistency of an explicit numerical scheme	1975
19990069909	Effects of Meteoroid Impacts on Shuttle Reusable Thermal Insulation Material	1975
20000027662	Airloads Investigation of an 0.030-Scale Model of The Space Shuttle Vehicle 140A/B Orbiter Configuration (Model 47-0) in the Arc 9 by 7 Foot Unitary Plan Wind Tunnel for Mach 1.55 and 2.2 (0A22B)	1975
20010008164	Modifications to the Ames 3.5-Foot Hypersonic Wind Tunnel	1975
20010075962	Airborne Instrumentation Research Project. Summary Catalog #8: Flights 75-103 Through 75-211	1975
20010075966	Airborne Instrumentation Research Project. Summary Catalog #7: Flights 75-002 Through 75-101	1975
20020045189	Highlights From the History of Airfoil Development	1975
20020050451	Service Acceptance Trials of Model S-3A Aircraft	1975
20020066103	Minuteman Reentry Vehicle Natural Hazards Project	1975
20020086523	QRC-536	1975
20030005097	Multiple Jet Study Data Correlation	1975
20030061346	The Kinetics of Sodium Nitrite Decomposition	1975
20040012822	High-Power Deformable Corrector Mirror Development	1975
20040075426	Air Force Master Plan Simulators for Aircrew Training. Annex B. Analysis of Program Data	1975
20040075428	Air Force Master Plan Simulators for Aircrew Training. Annex A	1975
20040075557	Results of Pressure Distribution Tests of a 0.010-Scale Space Shuttle Orbiter Model (61-0) in the NASA/ARC 3.5-Foot Hypersonic Wind Tunnel (Test OH38)	1975
20040079077	Electrochemical Power Sources: Fuel Cells and Batteries-Foreign	1975
20040085088	Launch Vehicle Users Guide	1975
20050201437	Production Specifications for the DOD Flight Information Publication Enroute High Altitudes Europe North Africa and Middle East. Fourth Edition	1975
20050228981	Nimbus-F Satellite Project	1975
20050228982	Nimbus 6 Post Launch Report No. 1	1975
20050229172	SMS-B-/SMS-2 Post Launch Report No. 1	1975
20050229200	Canadian Communication Satellite/Delta Launch (TELESAT-C)(ANIK III)	1975
20050229295	Telesat-C Mission on Delta	1975
20050229912	Synchronous Meteorological Satellite (SMS-B) Mission Operation Report	1975
20050229942	Geostationary Operational Environmental Satellite (GOES-A) Mission Operation Report	1975
20050229943	GOES-A/GOES-1 Post Launch Report No. 1, Report No. 2	1975
20050229953	Communications Technology Satellite	1975
20050229964	Intelsat IVA F-I Launch	1975
20050229974	Earth Resources Technology Satellite (ERTS-B) Prelaunch Mission Operation Report	1975
20050229985	Landsat-2 Satellite Project Post Launch Report No. 2	1975
20050230140	Viking '75 Project Mission Operation Report	1975
20050230160	Intelsat IV F-I Launch	1975
20050230300	ESA/COS-B Scientific Satellite Launch on Delta Vehicle	1975
20050232729	RCA-Globcom Satcom (RCA-A)	1975
20050232746	Intelsat IV F-6 Launch	1975
20050232747	Intelsat IV F-6 Post Launch Report I	1975
20050234570	Viking '75 Project Mission Operation Report	1975
20050236227	Atmosphere Explorer Project; AE-D Mission Operation Report	1975
20050236229	Atmosphere Explorer Project; AE-E Mission Operation Report	1975
20050236336	Symphonie-B Mission Operation Report	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20050236337	Apollo/Soyuz Test Project Mission	1975
20050236383	Dual Air Density (DAD) Explorer	1975
20050236474	Small Astronomy Satellite-C (SAS-C) Explorer	1975
20050236491	Post Launch Assessment of the SKYNET-IIB Mission	1975
20050236527	Orbiting Solar Observatory (OSO-1)	1975
20050236533	GEOS-3 Post Launch Report No. 1	1975
20050240829	Geodynamics Experimental Ocean Satellite (GEOS-C) Launch	1975
20050240855	Navy Transit Improvement Program (TIP-II)/Scout Launch	1975
20070001140	Conceptual Design Study of 1985 Commercial VTOL Transports that Utilize Rotors - Substantiating Technical Data	1975
20080005290	Space Based Laser and Passive Pointing and Tracking Concept Studies	1975
20080008527	Electronic Warfare Education Quarterly	1975
20080015621	Electronic Warfare Education Quarterly. January 1975	1975
20080019822	Air Force Master Plan - Simulators for Aircrew Training. Annex C - Motion Base Commonality Study	1975
20080021315	Physical Characteristics of Interplanetary Space	1975
20080021940	Production and Comparative Evaluation of Experimental Anthrax Sera in Experiments of Various Animals	1975
20080035296	AIM-9L/Flare Investigation	1975
20080039100	Development of an Infrared-Suppressed Stack Watchcap Retrofit for DD Class Ships	1975
20080039134	Outgassing Data for Spacecraft Materials	1975
20080039963	Laser Guidance Applications Study for Air-to-Air Missiles. Volume 2. Laser Parametrics - Missile System Designs and Performance	1975
20080039964	Laser Guidance Applications Study for Air-to-Air Missiles. Volume 1. Introduction and Summary	1975
20080044767	Free-Flight Investigation of a 0.15-Scale Model of the XFV-12A Airplane in Clean Configuration at High Angles of Attack (Coord No. N-Am-180)	1975
20090005175	EDITOR: An Interactive Interface to ILLIAC IV - ARPA Network Multispectral Image Processing Systems	1975
20090006256	Systems of Search Detection and Tracking	1975
20090010578	International Conference on Environmental Sensing and Assessment	1975
20090017484	Interim Report of the Astronomy Spacelab Payloads Study	1975
20090018008	Centaur D-1 Development: Centaur Standard Shroud (CSS)	1975
20090023156	Executive Program Summary	1975
20090023989	Chaff - The Rational Enigma (Expendable Countermeasures - The Rational Enigma)	1975
20110020398	Mission Operation Report for Intelsat IV F-1	1975
20110020583	Scout/Navy Transit Improvement Program (TIP-II) Post Launch Report	1975
20110020731	Annual Report to the NASA Administrator by the Aerospace Safety Advisory Panel	1975
20110024246	Three-Dimensional Finite Element Analysis for High Velocity Impact	1975
20130009707	Crop Identification Technology Assessment for Remote Sensing (Citars) Volume VIII Data Processing at the Earth Observations Division Lyndon B. Johnson Space Center Part 5 Fayette County, Illinois - Supplement Graphic Study of Corn And Soybean Data	1975
20130014210	NASA Technology Utilization Conference Series	1975
20130014301	NASA Technology Utilization Conference Series	1975
20130014559	Technology Transfer - Transportation	1975
20130014562	Technology Transfer - Transportation	1975
20130014563	Technology Transfer - Transportation	1975
20130014567	Contamination Avoidance Devices for Poppet Type Shutoff Valves	1975
20130014569	Contamination Avoidance Devices for Poppet Type Shutoff Valves	1975
20130014578	Technology Transfer - Transportation	1975
20130014583	University of Georgia Computer Software Management and Information Center	1975
20130014629	Atlanta Technology Utilization Conference	1975
20130014810	Differential Absorption and Scattering Sensitivity Predictions	1975
20140000033	Contamination Avoidance Devices for Poppett Type Shutoff Valves	1975
20140000258	Goddard Trajectory Determination System (GTDS) Users' Guide	1975
20140016072	Satellite Vulnerability (REDACTED)	1975
20150009361	Response of Selected Microorganisms to Experimental Planetary Environments	1975
20150009580	Stratospheric Microorganisms (and Probe Decontamination)	1975
20150010544	Effects of Ultra-High Temperature on Bacterial Spore Aerosols as a Function of Relative Humidity	1975
20150010545	Sterilization with RF-Generated Cold Plasma	1975
20150010622	Comparison of the Survival and Metabolic Activity of Psychrophilic and Mesophilic Yeasts Subjected to Freeze-Thaw Stress	1975
20150010635	Study of the Effects of Dry Heat Sterilization on Inorganic Phases of Returned Martian Surface Sample Analogs	1975
20150011245	Anion Permselective Membrane	1975
20150012919	Development of a Computer Program to Use Experimental Pressure Measurements in the Calculation of Heat Transfer on Shuttle-Type Configurations	1975
20150013916	Energy: An Annotated Bibliography	1975
20150018154	Fire Safety - An Achievable Goal	1975

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150018530	Inorganic Paint is Durable, Fireproof, Easy to Apply	1975
20160001006	Smoke and Carbon Monoxide Poisoning in Fire Victims	1975
20160001007	A Laser Beam Fire Detection System	1975
20160001078	Personnel Management Techniques Necessary to Maximize Bio-Barrier Integrity at a Martian Receiving Laboratory	1975
20160001096	Ground Effects for Jet Lift VTOL	1975
20160012437	EREP Status Report: Volume 1	1975
20160012527	Future Space Transportation Systems Analysis Study	1975
20160012577	Spacelab Programme Requirements Level I	1975
20160013511	Office of Management and Budget Review	1975
20160013521	Viking'75 Project: Launch Readiness Review	1975
20160014362	ASTP Experiments Debriefing	1975
20160014363	Apollo-Soyuz Test Project (ASTP) Experiment Development Evaluation Report	1975
20160014391	Apollo Soyuz Test Project Flight Readiness Review	1975
20160014396	Apollo Soyuz Test Project: Mission Report	1975
20170006893	High Power and 2.5 kW Advanced Technology Ion Thruster	1975
20170006894	High Power and 2.5 kW Advanced Technology Ion Thruster	1975
20170006895	High Power and 2.5 kW Advanced Technology Ion Thruster	1975
20170006896	High Power and 2.5 kW Advanced Technology Ion Thruster	1975
20170006897	High Power and 2.5 kW Advanced Technology Ion Thruster	1975
20170006903	High Power and 2.5 kW Advanced Technology Ion Thrusters	1975
19760007156	The adsorption of carbon monoxide on copper films of various thickness	1976
19760007181	Mechanical Properties and Abrasion Resistance of Polyester Cord	1976
19760007328	The principle of the surface viscosity of liquids established by Mr. J. Plateau	1976
19760008316	Numerical investigation of the motion of a nonisothermal viscous fluid containing a bubble, under conditions of moderate gravitation	1976
19760008349	The new GL5115 gas-analyzing galvanic detector for microconcentrations of oxygen	1976
19760008979	Helicopters on the Baykal-Amur line	1976
19760009038	Motion equations of a satellite around the center of mass	1976
19760009042	International cooperation in the establishment and operation of a global satellite communications system	1976
19760009086	Rocket engines of the Gas Dynamics Laboratory-Experimental Design Bureau	1976
19760009090	The action of nitrolic acids on compounds containing a triple bond. Note 6: The fulminic synthesis of isoxagoles	1976
19760009091	Preparation of 1,2,4-oxadiazoles by dipolar addition to aliphatic nitrile oxides	1976
19760009101	Analytical devices in the chemical industry pavilion	1976
19760009102	Ultraviolet absorption spectra of nitrosyl bisulfate in mixtures of sulfuric acid and water	1976
19760009131	High temperature corrosion during combustion of gas, coal and oil	1976
19760009290	Theory of perturbations of stationary flow of a viscous incompressible fluid at low Reynolds numbers	1976
19760009309	Temperature probes for flows at high enthalpy	1976
19760009566	Water pollution monitoring system	1976
19760009652	Geotropic reaction of plants	1976
19760009654	Microorganisms in the stratosphere	1976
19760009659	Some aspects of the problem of predicting man's health during a space flight	1976
19760009716	Constructing the motions of manipulating systems	1976
19760009831	Invasion of privacy with optical and electro-optical means	1976
19760009880	Riga Civil Aviation Technical School	1976
19760009881	Kiev Civil Aviation Engineering Institute	1976
19760009895	Basic structure of the peace treaty	1976
19760009939	Some peculiarities of the flow around spherically blunted cones with large semi-angles at hypersonic speeds	1976
19760009940	Flow around blunted cones upon entry into an atmosphere consisting of carbon dioxide and nitrogen	1976
19760010054	Effect of the Reynolds number on the parameters of a turbojet engine	1976
19760010082	Cosmonautics, the scientific-technical revolution, and world outlook	1976
19760010087	CNES ground system configurations for SYMPHONIE	1976
19760010108	Aldoxime peroxides (note 3)	1976
19760010109	Nitrolic acids and acetylene compounds. Note 7. On the fulminic synthesis of isoxazoles	1976
19760010110	On the effect of amyl nitrite on oximes	1976
19760010111	Synthesis of 3-alkylisoxazoles	1976
19760010238	Regularized numerical solution of a nonlinear inverse heat conduction problem	1976
19760010275	Comparative theoretical analysis of two types of monochromator with concave grating for far ultraviolet spectrophotometry	1976
19760010276	Monochromator for the 400 to 3000 A region	1976
19760010277	TD-1A investigation into the cause of the failure of the no. 1 tape recorder (TR-1)	1976
19760010278	Spectroscopy: A new focusing method for concave gratings	1976
19760010279	Seya's theory of the concave grating spectrometer	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760010280	Theory of a concave grating spectrometer	1976
19760010294	Geometric study of the support structure of the laser reflectors. Project Starlet	1976
19760010587	Neotectonic transverse structures of the Tyan-Shan and their manifestation on space photographs	1976
19760010588	Measurements of the aerosol size distribution over the Atlantic	1976
19760010592	On the periodicity of seismic activity during the last one and a half to two thousand years (based on the example of Armenia)	1976
19760010683	Slope distribution of rough ocean surface	1976
19760010685	Emission from a disturbed sea surface in the centimeter range	1976
19760010749	UNIVAC-1100 ring structure package	1976
19760010799	A class of inverse problems and methods for solving them	1976
19760010838	Acoustic attenuation in the case of submicroscopic droplets	1976
19760010839	Distribution to the study of air-jet acoustic generators	1976
19760010893	On entropy reduction in a thermodynamic system by interference by intelligent subjects	1976
19760010923	Tidal friction in the two body problem	1976
19760010924	A model of the ejection of matter from novae	1976
19760010925	Interpretation of measurements of the radial velocity of pulsars	1976
19760010927	Mars-5 intensity and spectral composition measurements of Martian gamma-radiation	1976
19760010928	Structure and dynamics of the Venus thermosphere	1976
19760010931	A hypothesis on the origin of Saturn's rings	1976
19760010932	Observations concerning the physical nature of Halley's Comet and resultant comments	1976
19760010937	Physical characteristics of the solar wind from data of comet observations	1976
19760010938	Velocity of the solar wind at low heliographic latitudes	1976
19760010990	Non-equilibrium physico-chemical processes in aerodynamics	1976
19760011058	Aircraft control system hydraulic drives	1976
19760011076	Compatibility test system for use with the Mark 3 DSN data subsystems implementation	1976
19760011077	Viking Mission Support	1976
19760011078	Pioneer Venus 1978 mission support	1976
19760011079	Helios mission support	1976
19760011080	Very long baseline interferometry covariance	1976
19760011081	Binary sequential ranging with sine waves	1976
19760011082	Multipath tests on 64-m antennas using the Viking Orbiter-1 and -2 spacecraft as far-field illuminators	1976
19760011083	Design of a superconducting cavity stabilized maser oscillator	1976
19760011084	QVLBI Doppler demonstrations conducted during Pioneer 2 encounter and solar conjunctions	1976
19760011085	Threshold analysis for VLBI delay and Doppler	1976
19760011086	Analysis of command detector signal-to-noise ratio estimator	1976
19760011087	High-power transmitter high-voltage power supply ripple	1976
19760011088	Venus station automation: Communications link	1976
19760011089	Implementation of wideband digital recording equipment in the DSN	1976
19760011090	S-band-X-band directional coupler	1976
19760011091	Heat transfer criteria of a tubular solar collector: The effect of reversing the flow pattern on collector performance	1976
19760011092	Tracking operations during the Viking 2 launch phase	1976
19760011093	An experiment in dynamic modeling for a complete solar-powered energy system	1976
19760011103	Cosmonaut Popovich on the Soyuz-17 - Salyut-4 experiments	1976
19760011105	Study of spacecraft flight dynamics	1976
19760011106	Outstanding success of Soviet cosmonautics	1976
19760011134	New design features of the Venera-9 and -10 probes	1976
19760011145	Bonding and compatibility of aluminum oxide fibers in nickel alloy composites	1976
19760011147	Silicon nitride solid solution in the ternary system, Si ₃ N ₄ -AlN-SiO ₂	1976
19760011215	The use of written language transmissions for CETI	1976
19760011296	Extension of the parabolic method for transonic flow: Stationary flow and Extension of the parabolic method for transonic flows: Unsteady flow	1976
19760011690	Test of modelization for sweating during muscular exercise	1976
19760011691	Body functions and metabolism during prolonged hypokinesia in an integrated experiment	1976
19760011938	Mineralogy, structure and paragenesis of the products of guttogenesis due to natural aerodynamic ablation of sideritic meteorites	1976
19760011939	Photographic characteristics of Mars according to data of photographic observations during the great opposition of 1971	1976
19760011948	Active regions in the solar wind from data of comet observations	1976
19760011968	The Dolphin airship with undulating drive: Undulators with rigid or elastic blade with different undulator diameter at rest and in motion on whirling arm	1976
19760011969	Design and wind tunnel measurement of a wing-body combination with supercritical airfoil	1976
19760011970	Study of the flow around a cylinder and of its near wake	1976
19760011972	Wing Analysis: Pobjoy Raceplane	1976
19760011982	The Unsteady Lift of a Wing of Finite Aspect Ratio	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760012000	Effects of Sweepback on Boundary Layer and Separation	1976
19760012016	New Design Goals and a New Shape for the SST	1976
19760012017	An experimental investigation of three oblique-wing and body combinations at Mach numbers between 0.60 and 1.40	1976
19760012018	Transonic transport wings: Oblique or swept?	1976
19760012035	Theory of the lifting airscrew	1976
19760012046	A new compass for aeronautical navigation	1976
19760012063	Noise reduction in jet aircraft	1976
19760012075	The optimization of wind tunnel contractions for the subsonic range	1976
19760012112	Determination of an optimal program of trajectory measurements with correlated errors	1976
19760012113	On the stability of periodic motions of an assymetrical satellite in a circular orbit	1976
19760012135	Portraying the Morning Star (Venera-9 and -10 television cameras	1976
19760012144	Electronic equipment for determining the characteristics of mechanical and other properties of fibers in single-stage tension of failure	1976
19760012159	The relationship between nitrose density and its composition	1976
19760012160	Behavior of the porous structure of carbon reacting with carbon dioxide at high pressures and temperatures	1976
19760012161	Ignition mechanism and combustion of coal dust particles	1976
19760012283	Solution of the boundary value problem of determining the axisymmetric equilibrium surface of a liquid under weak gravity conditions	1976
19760012284	Uniqueness theorems for solving an inverse heat conduction problem	1976
19760012287	Turbulence effects on settling and transport of solid particles in suspension	1976
19760012310	Spectroscopy: Requisites for stigmatism in arrangements with simple rotation of a grating equipped with concave holographic gratings	1976
19760012312	Laser Doppler velocimeter wake vortex tests	1976
19760012316	Principles of objective and dynamic establishment of the international radiometric base	1976
19760012396	Wind pressure on steel pipe towers (second report)	1976
19760012422	An inventory of irrigated lands within the state of California based on LANDSAT and supporting aircraft data	1976
19760012441	Space photography and geological studies	1976
19760012444	Use of remote sensors in mapping the vegetation of Veracruz	1976
19760012551	Terrestrial life of explosive meteoritic craters	1976
19760012582	Possibility of identification of precipitation from microwave measurements made from satellite	1976
19760012584	Certain characteristics of the vertical structure of the area of moisture during various precipitations	1976
19760012676	Effective application of continuous measurement to objective analysis of physical fields of the ocean	1976
19760012690	On the Geometry of the Avian Wing (Studies on the Biophysics and Physiology of Avian Flight 2)	1976
19760012691	Experiences with a new cold sterilization unit	1976
19760012692	A new cold sterilization unit	1976
19760012693	Lectures of animal heat: On the effects of heat and on fever	1976
19760012695	Bacterial nitrate reductases. 8: Preliminary study of the enzyme of Micrococcus halodenitrificans	1976
19760012699	Influences of food and exercise on endocrine functions	1976
19760012700	Total hip arthroplasty made of sintered alumina. Experimental study and first clinical applications	1976
19760012709	Relationship between whole body and local tolerance to cold	1976
19760012726	Space pharmacy	1976
19760012777	On the problem of equations of fixed type	1976
19760012810	Absorption of audible sounds in the air and its dependence on moisture and temperature	1976
19760012811	Acousto-aerodynamic studies	1976
19760012869	Temperature of power particles in plasma jets	1976
19760012888	The lattice parameters of NOHSO4 and NOH2O7	1976
19760012919	Means for optimum accomodation of the daily hospital routine to the life style of the patients	1976
19760012954	Water in the universe	1976
19760012960	Modern methods and results of mapping the Moon and Mars, 1. Problems of mapping the moon, 2	1976
19760012964	Results of recent studies of Mars and Venus	1976
19760012965	Geographic and climatic variations of exposure of solar energy on horizontal and vertical receiving surface	1976
19760012987	Numerical investigation of flows of a real gas past finite bodies and in their wakes	1976
19760012990	Aircraft use in agriculture and forestry	1976
19760013091	Vacation in space	1976
19760013152	Mechanism of the oxidation and combustion of hydrogen	1976
19760013206	Problems of Modern Cryogenics	1976
19760013326	Study of the initial phases of the transition of a pulsed boundary layer on a flat plate	1976
19760013327	Laser velocimetry in turbulent flow	1976
19760013331	Stability of a boundary layer of an incompressible fluid over a slotted surface	1976
19760013332	Solution of a nonlinear inverse problem for a generalized heat conduction equation in a region with mobile boundaries	1976
19760013430	Wind pressure on tower members	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760013431	Wind pressure on towers constructed with pipe steel	1976
19760013511	Application of photointerpretative techniques to wheat identification, signature extension, and sampling strategy	1976
19760013523	Use of remote sensors in the Veracruz flora program	1976
19760013610	Hydrogen chloride measurements from Titan 3 launches at the Air Force Eastern Test Range, Florida, 1973 - 1975	1976
19760013708	Calculation of muscular power in flapping flight of birds from kinematic and morphological data (studies on biophysics and physiology of avian flight 3)	1976
19760013718	Body temperature fluctuation and hypothalamic temperature sensibility	1976
19760013720	The development of the vestibular apparatus under conditions of weightlessness	1976
19760013940	Education and research in the field of European law	1976
19760013963	Determination of the magnetic field under astrophysical conditions due to polarization of the atomic fluorescence	1976
19760014013	Clouds on Mars: Certain conclusions from observations on Mars-3	1976
19760014014	On the structure of the Martian soil from optical and infrared observations	1976
19760014086	Dirigibles; Germans in the sky	1976
19760014134	The new transonic and supersonic wind tunnel of the Aerodynamic Institute	1976
19760014148	Optimum impulse transitions from a point to an elliptical orbit	1976
19760014232	Moessbauer effect measurements in titanium-rich iron-titanium system	1976
19760014249	Second generation PMR polyimides	1976
19760014340	Measurements of the velocity profiles of turbulent supersonic boundary layers with a laser-Doppler velocimeter in comparison with the results obtained by a pressure-temperature probe	1976
19760014500	Static methods of testing reinforced plastics	1976
19760014503	Thermal-structural analyses of a scramjet fuel injection strut	1976
19760014572	Application of photointerpretative techniques to wheat identification, signature extension, and sampling strategy	1976
19760014708	Some notes on atmospheric ozone	1976
19760014710	Determination of the moisture content of the atmosphere over dryland surface	1976
19760014713	The Popigay meteorite crater	1976
19760014750	Determination of the effective temperature of liquid-drop cloud formations by the thermal radiation of the atmosphere in the UHF band	1976
19760014782	The germicidal effectiveness of ethylene oxide/carbon dioxide as compared with steam	1976
19760014783	Surprises of space biology	1976
19760014787	The organization of voluntary movement: Neurophysiological mechanisms	1976
19760014788	Statistical analysis of cardiac rhythm by means of higher-order moments	1976
19760014883	On a general form of the PDF and its application	1976
19760014887	On certain problems connected with a division of a normal population into parts	1976
19760014888	Reliability of a compound system under consideration of the system elements prices	1976
19760014937	Electron paramagnetic resonance investigation of a family of carbon blacks between 4.2 and 300 K	1976
19760014938	Anisotropies of the G factor and the line width of pyrographites between 300 and 4.2 K; effect of neutron irradiation	1976
19760014939	Radiation protection of high energy accelerators	1976
19760015069	Rigorous Method for the Determination of the Mean Camber Line for Profiles of Unknown Camber	1976
19760015101	Mechanical flaps	1976
19760015127	On some fundamental problems pertaining to a transonic induction-driven gust wind tunnel design	1976
19760015151	Ideas of K. E. Tsiolkovskiy on orbital space stations	1976
19760015177	Shuttle payload interface verification equipment study. Volume 4: Project plans	1976
19760015210	On fundamentally new sources of energy for rockets in the early works of pioneers in astronautics	1976
19760015222	Changes in electrical cross-resistance of conductive coatings due to contamination by outgassing of silicon rubber material Silastic 35	1976
19760015236	Mechanistic velocity equations: A critical review using the example of the Boudouard reaction	1976
19760015237	Removal of fuel gases from the oxygen zone during the combustion of carbon	1976
19760015239	Temperatures and concentrations during fuel particle combustion	1976
19760015240	Retention of ethylene oxide by polyvinyl chloride and polyethylene materials after sterilization	1976
19760015241	Primary oxides of carbon burning	1976
19760015265	Standardization of high temperature steels and alloys	1976
19760015266	Recent results of creep tests on heat-resistant steel X22CrMoV 12.1	1976
19760015290	Acoustic phonons in polymer crystals	1976
19760015292	Studies of encapsulant materials for terrestrial photovoltaic arrays	1976
19760015294	Silicon material task. Part 3: Low-cost silicon solar array project	1976
19760015462	Slicing of silicon into sheet material: Silicon sheet growth development for the large area silicon sheet task of the low cost silicon-solar array project	1976
19760015552	Legal aspects of satellite estimation, conservation and development of earth resources	1976
19760015553	Use of satellites in the study of tropical vegetation	1976
19760015579	Automated array assembly task, phase 1	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760015702	Radiation research in the atmosphere	1976
19760015786	Sterilization Tests with Ethylene Oxide	1976
19760015787	Testing of steam and gas sterilizers	1976
19760015797	Study of circadian variation of different circulatory and respiratory functions at submaximal and maximal ergometer work	1976
19760015798	Massive transfusions and thermoregulation	1976
19760015817	The problem of crew interrelationships in international space flights	1976
19760015823	Plants aboard a spacecraft	1976
19760016008	Multipurpose Electric Furnace Experiment MA-010	1976
19760016015	Multiple Material Melting Experiment MA-150	1976
19760016027	Searches for extraterrestrial civilizations	1976
19760016033	Reductions of observations of comets during the 19th century	1976
19760016034	Dynamics of the atmosphere of Venus	1976
19760016038	The first discovery of tektites in the USSR	1976
19760016057	Radiation safety of space flights. Radiobiological aspects	1976
19760016085	Comparison of theoretical and experimental profile drags	1976
19760016163	A closed form variational solution of stratospheric cruise flights with minimum direct operating costs	1976
19760016175	Some models for calculating pollutant emission of gas turbine combustion chambers	1976
19760016217	Network functions and facilities	1976
19760016218	Helios B-deep space network compatibility test summary	1976
19760016219	Pioneer Venus 1978 mission support	1976
19760016220	Helios mission support	1976
19760016221	Atmospheric water vapor calibrations: Radiometer technique	1976
19760016222	S- X-band experiment: Development and evaluation of a set of group delay standards	1976
19760016223	Proposed modifications to the wind loading specifications applied to ground antennas	1976
19760016224	Analysis of command detector in-lock monitoring	1976
19760016225	Precision signal power measurement equipment: Radio frequency section	1976
19760016226	Foundation analysis, preliminary investigation	1976
19760016227	Power spectrum for binary NRZ data with less than 50 percent transitions	1976
19760016228	Precision signal power measurement and noise-adding radiometer equipment	1976
19760016229	Digital demodulation with a non-ideal quantizer	1976
19760016230	WAVEFRONT stiffness matrix resequencing program modifications for the 1108 computer	1976
19760016231	The analysis of microwave weather project data	1976
19760016232	X-band reject filter	1976
19760016233	Two methods for reducing the number of multiplications in complex fast Fourier transforms	1976
19760016234	An automated tracking system for the ARIES antenna	1976
19760016235	An INTEL 8080 cross assembler for the MODCOMP 2 minicomputer	1976
19760016236	Theory, operation, and computer programming of the 512-lag correlator system	1976
19760016237	The analysis of structured programs. Part 1: Kirchhoff's equations	1976
19760016238	A new class of burst-correcting cyclic codes	1976
19760016239	An error-minimizing software audit technique	1976
19760016240	Preliminary results of DSN performance for convolutional codes with a Viterbi decoder	1976
19760016241	Phase-stable receiver development	1976
19760016242	Computer modeling of a single-stage lithium bromide/water absorption refrigeration unit	1976
19760016243	DSN research and technology support	1976
19760016245	Tracking operations during the Helios 2 launch phase	1976
19760016246	Temperature effects on transmission line phase and group delay	1976
19760016249	Problems and routes to a solution for temperature control in high-power communications satellites	1976
19760016263	The orbital infrared telescope-spectrometer of the manned station "Salyut-4"	1976
19760016326	Contribution towards the cold forming of some high-temperature steels and alloys	1976
19760016432	Application of the Raman effect to gas flow visualization	1976
19760016535	Shuttle on-pad ground wind loads	1976
19760016578	Fundamentals of the method of forecasting the harvest of winter grain crops in the non-chernozem zone	1976
19760016579	Satellites map the harvest	1976
19760016697	Preliminary results of UHF radiometric and direct ground studies of soil moisture in 1975, report of the Soviet-American working group	1976
19760016698	Infrared radiation of nitric oxide of the upper atmosphere from Salyut-4 measurements	1976
19760016699	Subzones of leached and typical Chernozem soils	1976
19760016700	Physical methods of investigation of ice and snow	1976
19760016729	Comparison of results of the measurements of the ocean surface temperature made by a Soviet scientific research ship and an American artificial earth satellite	1976
19760016748	Erythropoietic properties of plasma in hypodynamia	1976
19760016893	An instrument for photoelectric measurement of image sharpness	1976
19760016952	Effect of the amorphous state on the band structure of steamed coal	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760016981	Broadcasting satellites and international law: A new communications technology and its worldwide legal consequences	1976
19760017019	Formation of Pancake from dust matter moving without rotation	1976
19760017025	Infrared radiometry and photometry from Venera-9 and Verera-10 data	1976
19760017026	Some conclusions concerning the structure of the surface layer of the Venus atmosphere	1976
19760017200	Artificial solar eclipse experiment during the joint flight of the Soyuz and Apollo spacecraft	1976
19760017202	Universal furnace experiment Soyuz-Apollo experimental flight	1976
19760017204	GTDS overview	1976
19760017205	Coordinate and time systems	1976
19760017206	Perturbation models and variational equations	1976
19760017207	Formulation of the orbital equations of motion	1976
19760017208	Numerical integration of the equations of motion and variational equations	1976
19760017209	Observation models	1976
19760017210	Estimation	1976
19760017211	Early orbit methods	1976
19760017212	Trajectory sensor system functional descriptions and preprocessing	1976
19760017213	Appendix B: Time elements	1976
19760017214	Appendix C: Development of range-rate formulas	1976
19760017285	The infrared spectrum and the structure of NO3Cl and NO3F	1976
19760017303	The effects of atmospheric humidity and duration of prior-corrosion in atmosphere on the fatigue strength of some aluminum alloys	1976
19760017440	An airborne submillimeter radiometer with removable spectral filters for the study of atmospheric emissions in the 50 - 1000 micron region	1976
19760017732	The main agrometeorological inertia factors in producing harvests of winter wheat in the chernozem zone and a long-term forecast of crop capacity	1976
19760018028	Powerful galactic masers	1976
19760018034	A working model of the atmosphere and surface of Mars. Part 1: Atmosphere	1976
19760018035	A working model of the atmosphere and surface of Mars. Part 2. Surface	1976
19760018036	The structure of the Martian soil according to optical and infrared observations	1976
19760018078	Research on aircraft noise: Test methods	1976
19760018220	Launchings of spacecrafts in the USSR (November - December 1975)	1976
19760018230	Heat-transfer tests of a 0.0175-scale model of the space shuttle at Mach numbers 2.5, 3.5, 4.5 and 5.5	1976
19760018273	Infrared spectrum and structure of NO3Cl	1976
19760018434	Thermocapillary drift of a viscous fluid droplet	1976
19760018449	Rearranged Fabry-Perot interferometer for the long wave infrared region	1976
19760018540	Experimental examination of similarity measures and preprocessing methods used for image registration	1976
19760018562	Analysis of technological development problems posed by the use of orbital systems for energy conversion and transfer in and from space	1976
19760018613	Electromagnetic relationship of the magnetosphere to the ionosphere	1976
19760018614	Experiment to determine the concentration and temperature of the atomic oxygen and nitrogen in the earth's upper atmosphere from measurement of the ultraviolet radiation absorption during the Apollo-Soyuz joint flight	1976
19760018706	A scientific dialog between the leading space powers	1976
19760018737	An algorithm for extraction of more than one optimal linear feature from several Gaussian pattern classes	1976
19760018823	Collisionless dissociation and isotopic enrichment of SF sub 6 using high-powered Co sub 2 laser radiation	1976
19760018840	Particle creation in the vortex cosmological model	1976
19760018966	On the possible connection between the optical variability and radio properties of quasar-like objects	1976
19760019042	Orbital elements of 45 meteorites: An atlas	1976
19760019049	Be-10 abundance and the age of cosmic rays: A balloon measurement	1976
19760019067	Acoustic and aerodynamic effects of rotor pitch angles for a variable pitch, 6 foot diameter fan stage	1976
19760019097	The M-15 aircraft in the air	1976
19760019098	Comparison of wind tunnel tests and flight tests on an executive aircraft	1976
19760019132	Reduction of drag by flexible walls	1976
19760019143	Future space flight program of the USA: Projection to the turn of the century	1976
19760019144	Earth-space-earth	1976
19760019145	The space orbits of the sciences	1976
19760019159	Algorithms for calculating navigational information	1976
19760019163	Appraisal of the OTRAG concept of an economical launch vehicle system	1976
19760019168	Five hundred thousand bits from Venus	1976
19760019273	Effect of the form of the amplitude-frequency characteristic of the radiometric system on the recording of the radio emission of layered media	1976
19760019336	Wave processes in two-phase systems	1976
19760019355	Optical vibration sensor	1976
19760019533	An inventory of irrigated lands within the state of California based on LANDSAT and supporting aircraft data	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760019595	Web-dendritic ribbon growth	1976
19760019596	Large area silicon sheet by EFG	1976
19760019597	Phase 1 of the automated array assembly task of the low cost silicon solar array project	1976
19760019628	The thermal radio emission of a contaminated sea surface	1976
19760019654	Physics of the mesosphere and mesospheric clouds. Meteorological studies, no. 22	1976
19760019655	The influence of nuisance parameters on the solution of the problem of simultaneously determining the shape and external gravitational field of the earth	1976
19760019698	Changes in the resistance of animals during "Kosmos-605 and 782" biosatellite experiments	1976
19760019699	Preliminary results of an experiment with mammals on the "Kosmos-782" biological satellite	1976
19760019700	Change in equilibrium function and static resistance in rats after a 20 day long flight in the "Kosmos-782" satellite	1976
19760019701	Changes in the biochemical indicators of the blood of rats following the flight of the "Kosmos-782" biological satellite	1976
19760019702	Morphological investigation of the organs and tissues of animals after flight aboard the "Kosmos-782" satellite	1976
19760019703	Role of monovalent cations in the membrane organization of moderately halophilic bacteria	1976
19760019704	A manual on the study of biological oxidation by the polarographic method	1976
19760019705	New data on circadian biorhythmicity of wakefulness and sleep in vertebrates	1976
19760019777	Water for the cosmonaut	1976
19760019778	Life support systems and research apparatus for performing the Kosmos-782 satellite experiment	1976
19760019779	The preservation of cooked dried rice in the alpha-state by freeze-drying	1976
19760019832	Extremal aiming	1976
19760019851	Identification of systems by means of adaptive model	1976
19760019852	Construction of the Profiles of Multiple Manifolds Obtained in Studying the Relationship Between Physical Dimensions	1976
19760019878	New adaptive methods and their effectiveness in reducing redundancy when measuring the strength of the flux of particles	1976
19760019984	Study of partial discharges in solid dielectrics	1976
19760020045	Threshold luminosity of accretions by a neutron star with a magnetic field	1976
19760020056	Spacecraft study of the solar system	1976
19760020057	Venus surface pictures	1976
19760020059	Infrared spectroscopy of the moon from the Salyut-4 orbital station	1976
19760020083	Practical aerodynamics of the Yak-40 aircraft	1976
19760020147	The-CFM-56: Balance sheet of 18 months of testing	1976
19760020148	The CFM56 turbojet engine: Progress in the reduction of engine noise	1976
19760020160	Explicit form of the optimum control law for a rigid aircraft flying-in turbulent atmosphere	1976
19760020198	Fifteen years in space	1976
19760020199	Outlines of the future in space	1976
19760020205	Return from orbit (spaceflight problems)	1976
19760020223	Interkosmos-15 in flight	1976
19760020232	Disaster warning satellite study update	1976
19760020274	Phase diagram of the system Al ₂ O ₃ -La ₂ O ₃ at elevated temperature	1976
19760020275	Phase diagram of the system Al ₂ O ₃ -CeO ₂ at liquidus temperature	1976
19760020298	Nature and utilization of iodine and bromine as indicators of oil-gas content	1976
19760020299	Association of iodine with organic matter and its evaluation as a hydrogeochemical index of oil-gas content	1976
19760020300	Absorption of nitrogen oxide by sulfuric acid solutions	1976
19760020310	Electrocrystallization of zinc influenced by codeposition of lead in alkaline solution	1976
19760020311	Properties of rolled sheet of Al-Mg ₂ Si monovariant eutectic alloys	1976
19760020361	Microwave remote environment sounding	1976
19760020447	Little things	1976
19760020448	Highly sensitive instrument for measuring small gas pressures	1976
19760020529	Basic research and data analysis for the earth and ocean physics applications program and for the national geodetic satellite program	1976
19760020555	Oil in the mouths of rivers	1976
19760020556	Space remote sensing of the earth landscapes	1976
19760020557	Indices of oil-bearing deposits as based on the formation waters of Poland	1976
19760020559	Methods for surveying to determine the importance of forests in watersheds using satellite imagery	1976
19760020560	Spacecraft investigate natural resources	1976
19760020563	Study of water resources with the aid of spacecraft in the United States	1976
19760020659	Iodine and bromine as hydrogeochemical indicators of hydrocarbons in the mesozoic and paleozoic deposits of north Poland	1976
19760020661	Geochemical study of brines from oil and gas fields in Japan	1976
19760020662	Iodine in oil and gas fields: Especially on the geochemical consideration of the prospecting for iodine deposits	1976
19760020663	Polar aurora in the magnetosphere	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760020698	Meteorological research	1976
19760020725	Preliminary results of studies on the biosatellite Kosmos-782	1976
19760020750	Preliminary results of an experiment on human chronobiology and neurobiology in a subterranean environment. 1: Life on a bicircadian rhythm (P. Englender). 2: Life in continuous light (J. Chabert). Longitudinal analysis and computer correlation of neurologic, psychological and physiologic data collected in beyond-time cave experiments from 1968-1969	1976
19760020790	Man, the biosphere, and space	1976
19760020791	Living and working in space	1976
19760020793	In unexpected situations: Cosmonaut training	1976
19760020867	Theory of diffraction	1976
19760021018	NASA Authorization, 1977	1976
19760021034	Optical observations from the Voskhod-2 spacecraft	1976
19760021036	Radiophysical investigations of the moon and the planets	1976
19760021048	First pictures of the surface of Venus (preliminary analysis)	1976
19760021049	Characteristics of the Venus surface measured by radioaltimeter in the landing area of the Venera-8 descent module	1976
19760021066	Aeronautical engineering: A special bibliography with indexes, supplement 71, June 1976	1976
19760021105	Application of the measurements of static and dynamic aerodynamic coefficients for the calculated prediction of spin observed in wind tunnels	1976
19760021119	Ergonomic aspects of air accidents during agricultural service	1976
19760021140	Laboratory flight simulation with free-flight models	1976
19760021141	The effect of rockets and dissymmetric loads on the spin, by static moments	1976
19760021148	Certain conclusions on the supersonic transport aircraft boom	1976
19760021175	Advanced application flight experiments precision attitude determination system. Volume 1: Strapdown star tracker development	1976
19760021280	Measurement of internal oxidation of reaction-bonded silicon nitride during creep	1976
19760021281	Durability of tungsten-cobalt carbide alloys	1976
19760021282	Positron annihilation and structure defects in artificial graphite	1976
19760021283	Hot pressing of silicon nitride: Analysis of densification mechanisms	1976
19760021331	Electronic properties of a pitch coke doped with boron	1976
19760021365	Studies of radiowave propagation in the solar system	1976
19760021445	Monochromator with simple grating rotation and holographic grating on toroidal mount for vacuum UV	1976
19760021496	Influence of dislocation processes on initiation of fatigue cracks in a surface layer	1976
19760021500	Solar activity, geomagnetic field and terrestrial weather	1976
19760021542	Aerogeological structural study of the Carso Mountains of Gorizia and Trieste, of western Slovenia, and of Istria (and first comparisons with the ERTS-1 and Skylab images)	1976
19760021556	Physical characterization of silicon solar cells by determination of spectral response	1976
19760021565	Solar cells	1976
19760021636	Determining elements of drift of the ice cover and movement of the ice edge by the aid of the Toros aircraft lateral scan radar station	1976
19760021637	Contribution to the theory of seasonal variation in atmospheric ozone	1976
19760021651	New developments in the theory of climate (theoretical models of climate: Recent climatic changes and their determining factors)	1976
19760021719	Natural history of agaricines	1976
19760021725	Effects of abrupt time zone change on some circadian rhythms in man	1976
19760021726	Drug/receptor interactions: The example of the cardiac glycoside receptor of the erythrocyte membrane	1976
19760021811	Study of an inverse Rayleigh type random variable	1976
19760021824	Cost-optimized test designing in the regression model	1976
19760021825	Optimal sample size with a-priori information about certain parameters	1976
19760021826	Designs for sequential trials and discrimination among models	1976
19760021858	G-optimal experimental design for the regression functions $y(x) = \theta_1 + \theta_2 x$	1976
19760021915	Space lenses	1976
19760021956	Validity of certain simple electron models of carbons	1976
19760021964	Plans of Bayesian experiments in economic measurement	1976
19760022010	Orbits about the sun intended for radiosonde observations of the solar space	1976
19760022045	The magnetic properties of meteorites	1976
19760022054	Preliminary results of the study of the light regime in the atmosphere and on the surface of Venus	1976
19760022059	Analytic representations of the components of visible solar radiation: Clear sky conditions	1976
19760022060	Measurement of hard cosmic rays in September 1973 by Mars-4, Mars-5 and Mars-7	1976
19760022061	Powerful bursts of cosmic gamma radiation	1976
19760022152	Evolution of spin characteristics with aircraft structure	1976
19760022283	RPE study of pregraphitic carbons influence of interstitial carbon atoms	1976
19760022447	New results of separated flow studies	1976
19760022452	A study of adverse pressure gradient turbulent boundary layers with outer region non-equilibrium	1976
19760022467	Ionizing radiation in aviation and space technology	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760022505	Fatigue deterioration mechanisms by rolling-sliding	1976
19760022506	Bonding of epoxy pre-impregnated laminates to metal structures	1976
19760022507	Rapid starting of gas turbines with the aid of prestressed cast-iron air-storage tanks	1976
19760022600	Use of satellites for the study of tropical vegetation	1976
19760022601	Remote perception project. Report on activities and achievements: Stage zero	1976
19760022602	Remote sensing by computer: Equipment, programs, and applications	1976
19760022617	Simulation of silicon solar cells and comparison with experimental results	1976
19760022822	Modeling of intelligent behavior	1976
19760022957	Isotopic shift between the even numbered Sr isotopes 84, 86, 88 and 90 and the jump in nuclear volume effect in the case of neutron count 50	1976
19760022966	Theory of the anisotropic effects between crossed nicols in reflected light	1976
19760023029	Optimal choice of abscissa values for linear regression of given cost function	1976
19760023044	Numerical modeling of chemical kinetics processes in planetary atmospheres	1976
19760023045	Preliminary scientific results obtained during the flight of the Venera 9 and Venera 10 automatic interplanetary stations	1976
19760023112	Progress toward development of civil airworthiness criteria for powered-lift aircraft	1976
19760023541	An inventory of irrigated lands for selected counties within the state of California based on LANDSAT and supporting aircraft data	1976
19760023543	Application of photointerpretative techniques to wheat identification. Signature extension and sampling strategy	1976
19760023669	NASA Global Atmospheric Sampling Program (GASP) data report for tape VL0002	1976
19760023723	Human factors engineering and technical progress	1976
19760023724	Problems of Space Biology	1976
19760024106	Pressure distribution over symmetric wing profiles for transonic flow	1976
19760024108	Comparison of theoretical and experimental steady wing loads on a space shuttle configuration at Mach numbers of 0.6 and 1.4	1976
19760024142	The CFM56 turbofan engine. Progress in the reduction of engine noise	1976
19760024205	NBS space processing research	1976
19760024217	Electrical properties of petroleum coke from pipeline crude oil	1976
19760024240	Effect of alloying with niobium, rhenium, and osmium on the physical properties of cast tungsten	1976
19760024365	Techniques used for simultaneous measurements of heat transfer, pressure, and drag of recovery spoilers in hypersonic turbulent flow	1976
19760024405	An advanced electrochemical ozone radiosonde	1976
19760024693	Origin of the earth and planets (explanatory text to series of slides)	1976
19760024694	Twilight measurements of the ozone height distribution in the mesosphere	1976
19760024698	The accuracy of Goddard earth models	1976
19760024879	Optimal experimental planning in a regression model	1976
19760024898	Evolution of the electronic properties of carbon irradiated by neutrons	1976
19760024911	Anisotropy between crossed nicol prisms under direct illumination	1976
19760024912	Determination of optical anisotropy constants of absorbing crystal cross sections by observations of polarity in perpendicularly reflected light	1976
19760024913	The influence of surface layers on the determination of optical characteristics of crystals in perpendicular incidence of direct light	1976
19760024938	The problem of quantitative microscopy of ore minerals and its solution	1976
19760024939	Kinetic study of the graphitization of P 33 carbon black: EPR and diamagnetism	1976
19760024940	Electron paramagnetic resonance study of a pure vitrinite carbonized at various temperatures	1976
19760024952	Technical capacity of underground coal mining and its measurement	1976
19760024953	Valuating entire mining operations	1976
19760024954	The nature of cost function structure in mining industry and its importance for raising production	1976
19760024990	Neutron stars and black holes in binary star systems	1976
19760024991	Spectrophotometry of class M stars	1976
19760025000	Soviet literature on meteorite craters	1976
19760025008	Esnault-Pelterie and astronautics	1976
19760025040	Experimental and theoretical study of two-dimensional turbulent incompressible reattachment	1976
19760025044	Transonic pressure measurements and comparison of theory to experiment for an arrow-wing configuration	1976
19760025123	Handshake in space. A special publication	1976
19760025205	Investigation of the alloys of the ternary systems W-HfC-C and W-Zr-C at subsolidus temperatures	1976
19760025737	Plant growth and development under conditions simulating weightlessness	1976
19760026025	A dissertation on aerolites cast down from the moon	1976
19760026048	A critique of transonic aerofoil testing techniques	1976
19760026049	Hydraulic resistance of noncircular section channels	1976
19760026054	Study of aerodynamic drag reduction on a full-scale tractor-trailer	1976
19760026077	Technologies for the air transport of tomorrow	1976
19760026119	Choice of compressor pressure ratio of small gas turbines placed in a bypass engine duct	1976
19760026125	Realization of failure detection in digital flight control systems	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760026133	Two-dimensional airfoil test facility in the modane-avrieux S3 blowdown wind tunnel	1976
19760026134	Self-correcting walls for a transonic wind tunnel	1976
19760026135	Influence of wind tunnel wall boundary layers on two-dimensional transonic tests	1976
19760026141	Spacecraft launchings in the USSR (March - April 1976)	1976
19760026201	The application of bimetallic and reinforced aluminum-steel combinations	1976
19760026202	On the creep-rupture strength of W composite cast with some heat resistant alloys	1976
19760026203	Sintering process and radial compressive strength of Fe/Sn and Fe/Cu/Sn compacts	1976
19760026204	Composite materials, 1	1976
19760026212	Studies of active carbon black using the electron paramagnetic resonance method	1976
19760026213	The aging process of supersaturated zincate solution	1976
19760026214	Experimental investigation of the burning time under two-stage burning process	1976
19760026227	Production and properties of whisker-reinforced light metals	1976
19760026241	Thermal conductivity and electrical resistivity of six copper-base alloys	1976
19760026254	Long-term characteristics of glass fiber reinforced plastics/glass fiber reinforced unsaturated polyesters in the case of cyclic loading	1976
19760026255	Contribution to the study of the electronic properties of graphitic carbon	1976
19760026256	Plasma-sprayed electrically insulating ceramic coatings	1976
19760026277	Microwave sensing of the sea state	1976
19760026345	Peculiarities of the effect of a transverse magnetic field on turbulent flows of liquid metal at various Reynolds numbers	1976
19760026347	Problem of reducing hydrodynamic drag	1976
19760026348	Experimental Investigations Involving Annular Channels with an Axial Flow	1976
19760026349	Hydrodynamics in weak gravitational fields: Plane oscillation problems of an ideal liquid in a vessel	1976
19760026350	The Batchelor theorem on the circulation region	1976
19760026351	Momentum and heat transfer in turbulent wakes behind bodies of revolution	1976
19760026422	Underwater remote controlled vehicles (with manipulators)	1976
19760026471	Stresses in a rotating disk with central and noncentral holes	1976
19760026530	Satellite snow observations and seasonal streamflow forecasts	1976
19760026537	Energy requirement for electric road vehicle propulsion	1976
19760026538	Development of batteries for electrically-driven vehicles	1976
19760026690	Tearing instability of the neutral sheet with normal component of the magnetic field	1976
19760026691	Certain actual problems in the thermal sounding from a satellite	1976
19760026727	Radio navigation (OMEGA) signals for wind measurement	1976
19760026728	Estimating wintering conditions for winter crops in the Southeast European USSR	1976
19760026734	Wind field and trajectory models for tornado-propelled objects	1976
19760026743	Spearhead echo and downburst near the approach end of a John F. Kennedy Airport runway, New York City	1976
19760026748	Control studies following a diabetes survey among employees of a large chemical firm	1976
19760026749	Can Azure B-Eosin replace the May-Gruenwald-Giemsa stain?	1976
19760026816	Theoretical issues of automata, robots and digital computers	1976
19760026864	Estimation of the action of perturbing moments on the accuracy of rotation stabilization	1976
19760026865	Acoustic measurements on vortex streets behind circular cylinders and flat plates	1976
19760026916	Control and regulation of vapor deposition processes by the quartz crystal vibrator method	1976
19760026917	Temperature effects in the measurement of the thickness of vacuum-deposited films by the quartz oscillator method	1976
19760026918	Capacitive measurement of the thickness of thin protective quartz films deposited on aluminum reflectors	1976
19760026919	Thermal variation of Pauli paramagnetism: Pregraphitic carbons	1976
19760026920	Study of metal alloys under mechanical stress by Mossbauer spectrometry	1976
19760026995	New methods of astronomy	1976
19760027001	The effects of the Hawking process on the boundary of and inside a black hole	1976
19760027002	Long-period terms in the solar system	1976
19760027003	Magnetic fields of pulsars and an evolutionary scheme for the formation of radiopulsars in binary system	1976
19760027008	Preliminary results of narrow-band photometric sounding of the Venus cloud layer in the 0.80 - 0.87 Micrometer spectral band on the Venera-9 and Venera-10 descent vehicles	1976
19760027015	Solar flares	1976
19760055291	Heat sterilizable propellants for planetary missions	1976
19760060009	Microbiology on Mars	1976
19760060492	Possible nutrients and energy sources available to contaminating terrestrial organisms on Jupiter	1976
19760065788	Research studies of stellar chromospheres and coronas	1976
19760066084	Lunar laser ranging data deposited in the National Space Science Data Center: Filtered observations for January 1974 through June 1974 and unfiltered photon detections for July 1974 through December 1974	1976
19760066095	Comparison between calculated gravity anomalies for dynamic processes in the mantle and observations	1976
19760066096	Semiannual Report number 1	1976
19760066097	Compressible unsteady potential aerodynamic flow around lifting bodies having arbitrary shapes and motions	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760066099	Study of the stress sensitivity of the coercive force of micron size Ba-ferrite and BiMn particles	1976
19760066185	Research on high speed rotor noise	1976
19760066472	Compressor and fan wake characteristics	1976
19760066488	X-ray emission from high-temperature plasmas	1976
19760066489	Operation of a scientific communication system for planetary quarantine	1976
19760066490	Sonic boom and other aerodynamic characteristics of future air and space transportation systems	1976
19760066492	Lunar geochemical mapping and interpretive studies	1976
19760066493	On-board determination of the orbit of a satellite using Chebyshev series	1976
19760066494	Digital flight compensation for descending constant velocity spiral paths	1976
19760066495	Radio Astronomical Studies of the Planets	1976
19760066497	Magnetic studies on meteorites	1976
19760066498	Sound transmission analysis for determining interior sound levels	1976
19760066505	Optical and dielectric observations of lunar samples	1976
19760066506	Lunar studies	1976
19760066507	Optical and dielectric observations of lunar samples	1976
19760066693	Synthesis of aromatic secondary diamines	1976
19760066695	Reduced state feedback gain computation	1976
19760066696	Numerical solution of the Navier-Stokes equations for arbitrary two-dimensional multi-element airfoils	1976
19760066697	Interdisciplinary study of planetary atmospheres	1976
19760066698	Semiannual report, 1 June - 30 November 1975	1976
19760066739	Luminescence of nucleic acids and nucleic acid-bound dyes	1976
19760066740	Investigation of laser dynamics, modulation and control by means of intra- cavity time varying perturbation	1976
19760066742	The interaction of a shock wave and a turbulent boundary layer in axially symmetric internal flow	1976
19760066743	The behavior of nickel-copper foils when heated in hydrogen	1976
19760066744	The chemistry of living systems	1976
19760066746	A study of celestial objects of high angular momentum	1976
19760066747	Study of the CO2 waveguide laser life problem	1976
19760066749	Galactic and extragalactic infrared line emission	1976
19760066750	Semiannual progress report, 1 July - 31 December 1975	1976
19760066751	Theoretical and experimental studies of space-related plasma wave propagation and resonance phenomena	1976
19760066753	Ground-based radar study of the planets	1976
19760066756	Hypersonic engine airplane integration	1976
19760066757	Aerodynamic forces on air foils and bodies in separated flow	1976
19760066758	An exploratory investigation of the cooling drag associated with general aviation propulsive systems, part 2	1976
19760066759	Planetary spectroscopy	1976
19760066760	Semiannual status report, 1 August 1975 - 1 February 1976	1976
19760066762	Semiannual interim report, 5 August 1975 - 5 February 1976	1976
19760066763	Interior aircraft cabin noise: A field study	1976
19760066815	Outlook for space: A synopsis	1976
19760066891	Working model of the London moment readout system	1976
19760066892	Working model of the London moment readout system	1976
19760066893	Radiation history of meteorites	1976
19760066894	Annual status report, 1 January - 31 December 1975	1976
19760066895	X-ray observations of lacertids from OAO copernicus	1976
19760066896	Use of remote sensing for land use policy formulation	1976
19760066899	The solar atmosphere and the structure of active regions	1976
19760066900	Sensor for measuring instantaneous angle of attack of helicopter blades	1976
19760066904	A study of planetary meteorology	1976
19760066905	Collection, reduction, and interpretation of the neutral thermosphere and exospheric measurements	1976
19760066907	Directional acoustic measurements by laser Doppler velocimeters	1976
19760066908	Study of new solar cycle during the current solar minimum	1976
19760066909	Radioactivities in returned lunar materials	1976
19760066910	Graduate study, research program in aeronautics and air transportation systems	1976
19760066911	Spectroscopic observations of the planets	1976
19760066912	Further development of a high resolution ultrasonic sensor for the observation of particles in fluids	1976
19760066913	Technical problems related to orbital capture of passive objects	1976
19760067031	Polarization and time structure of Jovian decametric radiation	1976
19760067194	A study of the economic impact of space exploration	1976
19760067195	The development of a model for predicting passenger acceptance of short-haul air transportation systems	1976
19760067281	Researches into planetary atmospheres and interiors	1976
19760067282	Photography and photometry of the infrared airglow from the CV990 airborne laboratory during the Space Shuttle simulation. Supplement 1: Analysis of OH airglow data obtained during Space Shuttle simulation	1976
19760067283	Spline collocation for viscous flow	1976
19760067293	Nuclear pumped laser	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760067316	The determination of atmospheric trace gases using the correlation interferometer technique	1976
19760067739	Effects of time varying aircraft noise on complex human performance	1976
19760067760	Electron impact excitation of molecular nitrogen	1976
19760067761	Chemistry of the system: Al ₂ O ₃ (c)-HCl.aq	1976
19760067762	The unsteady response of an axial flow fan to inlet distortions	1976
19760067763	Studies in planetology	1976
19760067764	Theory of particles and fields in space	1976
19760067765	Degradation and molecular weight: Property relationships of high performance polymers used for adhesives and composites	1976
19760067766	Permittivity of water at millimeter wavelengths	1976
19760067770	Radiative transfer in realistic planetary atmospheres	1976
19760067773	Mineralogic and petrologic study of returned lunar soil	1976
19760067774	A far-infrared Fourier transform spectrometer	1976
19760067775	Investigation of the unsteady pressure distribution on the blade of an axial flow fan	1976
19760067776	Experimental determination of rocket injector response factors under reactive conditions	1976
19760068304	Semiannual status report, 1 October 1975 - 31 March 1976	1976
19760068305	Kinetics of hydrogen entry and transport through carbon and low alloy steels	1976
19760068306	Dynamical and photometric investigation of cometary type 2 tails	1976
19760068449	Short beam shear tests of polymeric laminates and unidirectional composites	1976
19760068450	Lunar Science Institute	1976
19760068451	Technology Application Center	1976
19760068452	A study of the structural-acoustic response and interior noise levels of fuselage structures	1976
19760068453	Report on the lunar ranging	1976
19760068454	Review, study, and evaluation of possible flight experiments relating to materials processing in space	1976
19760068455	Effects on body size and composition of exposure to altered gravity	1976
19760068456	Experimental tests and model calculations on wheat varieties grown in India/Pakistan and in Texas	1976
19760068457	Determining ion kinetic energies by a method of mass spectrometer peak-shape variation	1976
19760068458	Flow field measurements in and around a jet issuing from a wing in crossflow	1976
19760068459	Analytic and numerical investigation of structural response of complaint wall materials	1976
19760068461	The field-ionization neutral mass spectrometer to be flown on Terrier-Malemute rocket (NASA 29.003AE)	1976
19760068462	Aircraft noise reduction research	1976
19760068463	Program of research in atmospheric science in the JIAFS at NASA-Langley Research Center	1976
19760068464	Resonant Doppler velocimeter	1976
19760068520	An investigation of supersonic aeroelastic characteristics of oblique winged aircraft	1976
19760068529	Nuclear magnetic resonance study of oxidation of unsaturated elastomers	1976
19760068530	Remarks by George M. Low, Deputy administrator, National Aeronautics and Space Administration at the Utah Air Force Association Bicentennial Program, Salute to NASA	1976
19760068694	Proceedings, Seventh Annual Frontiers of Power Technology Conference	1976
19760068790	Fluid dynamic and heat transfer problems of air breathing propulsive systems	1976
19760068792	Investigation of the Multiple Model Adaptive Control (MMAC) method for flight control systems	1976
19760068793	Progress report, period ending 30 April 1976	1976
19760068794	Theoretical studies in space astronomy	1976
19760068795	Investigation of stimulated scattering processes as possible mechanisms in laser induced damage in nonlinear optical materials	1976
19760068823	Studies in the production of astrophysical magnetic fields	1976
19760068824	Pulse resolved spectrophotometry of HZ Herculis	1976
19760068825	Gyro relativity experiment	1976
19760068826	Semiannual report, 1 May - 31 October 1975	1976
19760069161	Interdisciplinary materials research	1976
19760069168	Summary of the activity in plasma physics	1976
19760069171	An investigation of diffraction by planetary atmospheres	1976
19760069172	Rocket/satellite program in aeronomy. Task 1: rocket probes. Task 2: Data analysis	1976
19760069212	Supersonic CO electric-discharge lasers	1976
19760069610	A study of unsteady transonic flow analysis	1976
19760069611	Research in exobiology	1976
19760069612	Development of three dimensional numerical pollutant transport modeling techniques for continental shelf applications	1976
19760069613	Experimental studies of flow separation and stalling on two-dimensional airfoils at low speeds, phase 2. Supplement 1: Studies with fowler flap extended. Supplement 2: Flow studies on GA(W)-2 and NACA 2412	1976
19760069614	Computer and wind tunnel development of flaps and control surfaces for advanced technology general aviation airfoils	1976
19760069615	Basic research on primary cosmic radiation	1976
19760069616	Development and investigation of single scan TV radiography for the acquisition of dynamic physiologic data	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760069617	Polarization and time structure of Jovian decametric radiation	1976
19760069618	Isomer effects on polyimide properties	1976
19760069619	Air pollution from aircraft	1976
19760069620	Semiannual status report, 1 December 1975 - 31 May 1976	1976
19760069623	Statistical distribution of time to crack initiation using service data	1976
19760069632	Studies related to the surfaces of the moon and planets	1976
19760069633	Infrared laboratory studies of synthetic planetary atmospheres	1976
19760069634	An experimental investigation of the round turbulent jet exhausting into a subsonic cross flow	1976
19760069635	Magnetospheric structure and radiation mechanisms of pulsars	1976
19760069637	The investigation of carbon dioxide absorption on Mars and Venus	1976
19760069638	Astrometric observations of comets and asteroids and subsequent orbital investigations	1976
19760069639	Scientific and technical support for the Lageos satellite program	1976
19760069662	The impact of changing technology on the demand for air transportation	1976
19760069663	Orbiter/747 carrier RF and audio system console test report	1976
19760069665	A model for double radio-sources	1976
19760069679	Models of the composition, structure and evolution of the lunar interior	1976
19760069680	A program in high Reynolds number transonic research in support of projected advanced experimental facilities at NASA-Langley Research Center	1976
19760069681	High resolution observations of the diffuse Lyman alpha sky background	1976
19760069682	Analysis of lunar mare emplacement	1976
19760069687	Return-to-launch-site trajectory shaping for first stage aborts: Mission planning, mission analysis and software formulation	1976
19760069688	Analysis and assessment of static electric charges on the shuttle orbiter surface during a stable Earth orbit	1976
19760069690	OFT-1 ascent trajectory update from EVDS Milestone 3.1 to 3.3	1976
19760069691	Verification of linear error analysis calculation	1976
19760069692	Comparison of first Orbital Flight Test (OFT-1) trajectories developed by NASA and Rockwell International	1976
19760069693	OMS-2 pre-alignment for 3 DOF SVDS GN and C program	1976
19760069694	Viking 1 news briefing	1976
19760070103	Automatic mesh refinement for numerical solution of flows with strong shocks	1976
19760070150	System studies of factors affecting the acceptance of helicopter transportation	1976
19760070151	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1976
19760070153	Research in particles and fields	1976
19760070154	Research on MLS airborne antenna	1976
19760070155	Low-frequency radio astronomy data from the University of Michigan Experiment aboard IMP-6, 1971 - 1974	1976
19760070156	IMP-6 solar radio burst analysis	1976
19760070157	IMP-6 solar radio burst analysis	1976
19760070158	Handling and ride qualities of large flexible control-configured aircraft	1976
19760070159	Appendix semiannual status report, 1 January - 30 June 1976	1976
19760070160	The subformal organ and salt/water balance	1976
19760070181	The effects of radiation on phospholipid metabolism in albino rats	1976
19760070618	Remote sensing program	1976
19760070621	Ionospheric research	1976
19760070623	Analysis of experiments on hydrodynamic instability in the absence of gravity	1976
19760070624	Studies of the solar system objects with the new Hat Creek millimeter wavelength radio interferometer	1976
19760070625	Gluconeogenesis and glycogenolysis: The 24 hour pattern and correlation of several physiologic functions. Circadian locomotor activities of rats under various feeding and lighting regimens	1976
19760070626	Dissociative recombination coefficients and ion-molecule reaction rates for planetary ionospheric ions	1976
19760070627	Refined methods of aeroelastic analysis and optimization	1976
19760070628	Reliability based fatigue design and maintenance procedures	1976
19760070698	Experimental and analytical studies in fluidics	1976
19760070699	Management systems research study	1976
19760071110	Accidental non-ideal explosions	1976
19760071113	High temperature kinetics studies of combustion processes by the shock tube technique	1976
19760071114	Study of the flow near the foot of the weak shock terminating a region of supersonic flow	1976
19760071115	Interferometric high-resolution spectroscopy of optical interstellar lines	1976
19760071116	Study of optical properties of X-ray sources	1976
19760071118	Quarterly bulletin of the COVOS, no. 10	1976
19760071119	Quarterly bulletin of the COVOS, no. 11	1976
19760071121	Semiconductor grade, solar silicon purification project	1976
19760071122	Low cost silicon solar array project. Part 1: Establishment of the feasibility of a process capable of low cost, high volume production of silane, SiH4	1976
19760071128	Stanford gyro relativity experiment	1976
19760071129	The direct combination of satellite and gravity data	1976
19760071130	Detection techniques for tenuous planetary atmospheres	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760071131	Solar wind physics	1976
19760071132	Preliminary study of compliant wall structural configurations for skin-friction drag reduction	1976
19760071134	Wind tunnel investigations of computer designed airfoil section modifications	1976
19760071135	A study of heavy-heavy nuclear reactions	1976
19760071136	Analyze solid-rocket effluents for aluminum silicon and other trace elements by neutron activities analysis	1976
19760071137	The study of crystals for space processing and the effect of 0-gravity	1976
19760071138	Semiannual Report, 1 October 1975 - 31 March 1976	1976
19760071139	Theoretical and experimental studies in ultraviolet solar physics	1976
19760071140	Airborne far infrared astronomy	1976
19760071142	The investigation of advanced remote sensing techniques for the measurement of aerosol characteristics	1976
19760071143	Ground-based radar study of the planets	1976
19760071144	Infrared spectrometer development for an orbiting spacecraft	1976
19760071145	Planetary observations and data interpretations	1976
19760071146	Numerical study of supersonic turbulent flow over small protuberances	1976
19760071259	Integration test plan SABER 2.3 and TALONS 2.1	1976
19760071261	Fluid dynamic and heat transfer problems of air breathing propulsive systems	1976
19760071262	Meteorite photography and recovery network	1976
19760071263	Ultraviolet photometry and spectroscopy of Beta Cephei stars	1976
19760071264	Semiannual Status Report, 1 January - 30 June 1976	1976
19760071265	Studies of charged particles in laboratory environments	1976
19760071266	Computer programs for the calculation of atmospheric infrared transmittance	1976
19760071267	Study to establish models and simulations for data systems. Volume 1: Executive summary	1976
19760071268	Study to establish models and simulations for data systems. Volume 2: Users manual	1976
19760071270	Study to establish models and simulations for data systems. Volume 4: Study results	1976
19760071299	To predict unsteady airloads in two-dimensional subsonic compressible flow	1976
19760071336	Carbon distribution profiles in lunar fines	1976
19760071337	Radio astronomical studies of the planets	1976
19760071338	Studies of heteroface solar cell performance	1976
19760071339	Infrared spectrometric studies of terrestrial and planetary atmospheres	1976
19760071340	The chemistry of living systems	1976
19760071341	Petrologic investigations of silicate melt systems	1976
19760071342	Lunar laser ranging data deposited in the National Space Science Data Center: Normal points for 1969 through 31 March 1976, filtered observations for 1 July 1974 through 31 March 1976, and unfiltered photon detections for 1 January 1975 through 31 March 1976	1976
19760071343	Comparative study of planetary bow shocks and magnetospheres	1976
19760071344	Theoretical and experimental studies of space related plasma wave propagation and resonance phenomena	1976
19760071345	Collection and concentration of solar energy using Fresnel type lenses	1976
19760071346	Sound transmission analysis for determining interior sound levels	1976
19760071347	Correction of the Lageos satellite's laser tracking data for atmospheric refraction	1976
19760071350	Interdisciplinary research concerning the nature and properties of ceramic materials	1976
19760071359	The solar atmosphere and the structure of active regions	1976
19760071603	User's manual for the Federal Agencies computer time-sharing system	1976
19760071604	Semiannual Report, 1 October 1975 - 31 March 1976	1976
19760071605	Medium-energy physics studies program	1976
19760071606	Infrared spectroscopy of the planets from 1-5.6 micron with the medium resolution LPL fourier spectrometer from the NASA airborne IR observatory	1976
19760071608	Theoretical investigation of isotopic anomaly of xenon in carbonaceous chondrites and other terrestrial and extra-terrestrial samples	1976
19760071609	X-ray diffraction studies of shocked lunar analogs	1976
19760071610	Inviscid transonic flow computations	1976
19760071642	Feasibility study of SRB forward skirt recertification utilizing IEA test set	1976
19760071800	Many particle theory of nuclear systems with application to neutron-star matter	1976
19760071804	Numerical solution of the Navier-Stokes equations for arbitrary two-dimensional multi-element airfoils	1976
19760071805	Optical effect of the contamination of infrared windows by the outgassing of materials in outer space	1976
19760071806	Radiographic analysis of sedimentary structures and depositional histories in Apollo 15 cores	1976
19760071807	Study of interplanetary dust	1976
19760071808	Interdisciplinary study of planetary atmospheres	1976
19760071816	Large scale disturbances mechanism of jet noise generation	1976
19760071826	SNAP-8 rotating machinery task force review. Volume 1: Technical discussion	1976
19760071829	Development SNAP-8 nuclear power conversion system. Model AGAN-0010	1976
19760071934	Operational software concept (phase 2)	1976
19760072101	Mechanisms of blood flow changes during gravitational stress	1976
19760072133	Compressor and fan wake characteristics	1976
19760072138	Reduced state feedback gain computation: Program users guide, supplement	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760072143	A research in support of NASA's space science	1976
19760072145	Ultrastructure of the feline area postrema	1976
19760072146	Final report	1976
19760072147	Semiannual Progress Report no. 12, 1 Jan. - 30 Jun. 1970	1976
19760072148	Surface charge kinetics near metal-dielectric interfaces exposed to kilovolt electron flux	1976
19760072149	Directional solidification of gamma/gamma prime delta in situ composites	1976
19760072150	Specification for the qualification of a standard nickel cadmium battery	1976
19760072152	Satellite situation report, volume 16, no. 3	1976
19760072181	Utilization and maintenance of Federal cataloging	1976
19760072182	A study in jet noise	1976
19760072206	Investigation of critical burning of fuel droplets	1976
19760072271	Quarterly literature review of the remote sensing of natural resources. Second quarter 1976	1976
19760072304	Development test report of Kiwi-B and hybrid nozzles	1976
19760072562	Space shuttle engineering and operations support: Requirements for SRB vector limiting. Avionics system engineering	1976
19760072564	The application of remote sensing technology to the solution of problems in the management of resources in Indiana	1976
19760072565	Further development of a high resolution ultrasonic sensor for the observation of particles in fluids	1976
19760072580	Growth of single crystals by vapor transport in zero-gravity environment (ground-based experiments)	1976
19760072621	Electron plasma oscillations associated with type 3 radio bursts	1976
19760072651	Semiannual Report, 1 December 1975 - 31 May 1976	1976
19760072654	Participation on the large space telescope instrument definition team	1976
19760072660	Pulsed electromagnetic gas acceleration	1976
19760072661	Cosmic Gamma-Ray Telescope	1976
19760072998	Use of remote sensing for land use policy formulation	1976
19760073002	Lunar and planetary science information resources, 2nd edition	1976
19760073022	Dynamical and photometric investigation of cometary type 2 tails	1976
19760073023	Structural response and input identification	1976
19760073031	Ninety-five percentile vector wing modes in tabular form (April, 1976)	1976
19760073036	Spline collocation for viscous flow	1976
19760073037	Cosmic X-ray physics	1976
19760073101	Fifth and sixth quarter report of LANDSAT investigation 23610	1976
19760073408	Skylab flight plan preliminary reference SL-2, SL3, and SL-4	1976
19760073413	Formulating a thermal conductivity equation for steam. 1: Thermal conductivity at low densities	1976
19760073415	Lunar laser ranging project	1976
19760073416	National Aeronautics and Space Administration OSSA - exobiology bioscience program. Nature and changes of organic matter in deep ocean cores	1976
19760073418	Omega distribution amplifier with four channel independent level control	1976
19760073419	Operating instructions: Kennedy test fixture	1976
19760073420	Environment and test specification levels ground support equipment for space shuttle system launch complex 39. Volume 1: Acoustic and vibration	1976
19760073422	Collection, reduction, and interpretation of the neutral thermosphere and exosphere measurements	1976
19760073424	Semi-annual status report	1976
19760073509	Scaling of water impact data for space shuttle solid rocket booster	1976
19760073516	Meteorite photography and recovery network	1976
19760073517	Investigation of the sharp-lined mid B star tau Herculis	1976
19760073518	Supporting studies in cloud image processing for planetary flybys of the 1970's	1976
19760073519	Compendium of meteorological data for the Helios A launch in December 1974	1976
19760073520	Compendium of meteorological data for the Viking A launch in August 1975	1976
19760073521	Compendium of meteorological data for the Viking B launch in September 1975	1976
19760073528	A theoretical study of heterojunction and graded band gap type solar cells	1976
19760073529	The lunar science institute	1976
19760073530	On impulse response data and the uniqueness of the inverse problem	1976
19760073531	A comparison between experiment and theory for a borsic-aluminum picture frame shear test	1976
19760073680	Process for high volume low cost production of silane silicon material task of the low cost silicon solar array project	1976
19760073971	Fabrication and evaluation of Ga (1-x) Alx As/GaAs heteroface solar cells with solution-grown Ge doped P region	1976
19760073974	Studies of satellite and planetary surfaces and atmospheres	1976
19760073975	Development of an efficient numerical scheme for the computation of turbulent boundary layer flows over two-dimensional and axisymmetric bodies	1976
19760073983	Trace element analysis of mineral separates and determination of partition coefficients	1976
19760073994	Research on materials for advanced electronic and aerospace application	1976
19760073997	Severe thunderstorm internal structure from dual-Doppler radar measurements	1976
19760073998	Active control optimization techniques	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760073999	Atomic resonance fluorescence studies of the reactions of oxygen and hydrogen atoms with interstellar and cometary molecules	1976
19760074021	Nuclear magnetic resonance study of oxidation of unsaturated elastomers	1976
19760074022	Photometric analysis of mariner 10 images of Venus and Mercury	1976
19760074028	Reply to: Comments on: FMR thermomagnetic by D. L. Griscom	1976
19760074428	Study of the solar corona using radio observations and Skylab observations	1976
19760074454	The effective transmission function and distortion of kinetic energy distributions by the 127 degree cylindrical analyzer	1976
19760074455	Crack growth in bonded isotropic and orthotropic elastic half-planes	1976
19760074456	An investigation of handling qualities of sailplanes	1976
19760074920	Fire containment tests of aircraft interior panels	1976
19760074944	Hydrostat flight report	1976
19760075018	A high rate Viterbi decoder	1976
19760075024	Development of free-field acoustic testing techniques	1976
19760075030	The influence of altitude and sink rate errors on pilot performance during the final approach and landing phase of a simulated RPRV mission	1976
19760075032	A 35-element, two-dimensional structural heating program (NQLDW118)	1976
19760075044	Aviation safety research and technology/hazard avoidance and elimination	1976
19760075045	Correlation of C-5A Active Lift Distribution Control System (ALDCS) aeroelastic model and airplane flight test results	1976
19760075047	Flight effects on noise generated by the JT8D-17 engine in a quiet nacelle and a conventional nacelle as measured in the NASA-AMES 40 x 80 foot wind tunnel	1976
19760075076	Expansion of the security analysis in the ESRO-report: Feasibility of launching Aries sounding rockets from Esrange into the Arctic Ocean	1976
19760075077	Trajectories of Explorers 43, 47, and 50, September 1972 - December 1975	1976
19760075169	IMP-6 (Explorer-43) data processing results and data quality	1976
19760075179	Shuttle system dynamic loads analysis	1976
19760075188	Preliminary definition study for a large area precision tracking detector	1976
19760075189	Thermal design of the energetic gamma ray experiment telescope	1976
19760075190	IEEE 583 applied to experiments on shuttle and spacelab missions	1976
19760075271	Spacecraft radio frequency listing, volume 15, no. 1	1976
19760075276	Design, processing, and testing of LSI arrays for space station	1976
19760075277	Define a space plasma-high voltage experiment to be flown on the Long Duration Exposure Facility	1976
19760075278	Development of unique wet tantalum slug tantalum cased capacitor	1976
19760075281	A study of axisymmetric modes in thin-walled, uniform-thickness hemispherical and hemispherical-cylindrical tanks containing liquid	1976
19760075430	Summary of the manufacturing and testing of 12 Ah nickel-cadmium cells for the IUE spacecraft	1976
19760075431	Initial comparisons between geomagnetic anomaly data from satellite and from aircraft at high latitudes	1976
19760075434	Clinical and physiological aspects of transcutaneous oxygen measurement in perinatal medicine	1976
19760075435	Use of the oculometer in pilot workload measurement	1976
19760075441	The microSCOPE computer	1976
19760075446	Imaging LSI microcircuits with optical spot scanners	1976
19760075450	Anticipated space radiation levels for GOES spacecraft	1976
19760075451	TDRSS charged particle environment	1976
19760075468	Studies of a multicycle supersonic technology demonstration airplane concept. Preliminary design	1976
19760075470	Atmospheric Cloud Physics Laboratory (ACPL) operations	1976
19760075471	Conceptual study for a solar XUV facility. Astronomy spacelab payloads project	1976
19760075472	Industry workshop on large space structures: Compilation of company presentation and responses to a NASA key issue questionnaire	1976
19760075474	A user's guide to the flexible spacecraft dynamics program, 2	1976
19760075475	Effects of orbit error on satellite magnetic field experiments	1976
19760075611	Main characteristics and assumptions for the H1(A) upper stage	1976
19760075818	Reliability analysis of a MED backup for the universal command system	1976
19760075884	Development and verification of shuttle payload Extravehicular Activity (EVA) requirements, phase 1	1976
19760075885	Technology studies in support of the space shuttle model base heating program	1976
19760075886	Engineering study for a shuttle payload validation complex	1976
19760075887	Design guidelines and criteria for shuttle payloads to accommodate EVA, phase 2	1976
19760075888	Space shuttle orbital flight test; level C functional subsystem software requirements guidance, navigation and control. Part C: Flight control. Volume 3: On orbit	1976
19760075913	Design study on charge injection devices for star tracker application	1976
19760075923	Booster separation motor stress analysis report	1976
19760075924	Analysis of a space shuttle thrust vector control actuator subsystem	1976
19760076039	Low outgassing-high strength aluminum bonding without acid chromate pretreatment	1976
19760076057	Advanced supersonic technology liquid hydrogen concepts study, volume 2	1976
19760076083	Antenna illumination-distribution efficiency	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076084	Reduction and analysis of data from an integrating TV system	1976
19760076085	A study of the application of near-field measurements for NASA requirements	1976
19760076109	Analysis of steady and unsteady transonic flows by finite element method	1976
19760076110	Numerical simulation of turbulent flow over a compliant boundary	1976
19760076150	Seven-band scanning radiometer (7-BSR)	1976
19760076152	CW CO ₂ laser range and range-rate systems for space applications	1976
19760076153	Space telescope phase B study. Volume 1: Executive summary	1976
19760076154	Space telescope phase B study. Volume 2: Technical report	1976
19760076155	Space Telescope (ST) Support System Module (SSM) phase B definition study. Volume 1: Executive summary	1976
19760076156	Space Telescope (ST) Support Systems Module (SSM) phase B definition study. Volume 2: Technical report	1976
19760076157	Space telescope support systems module phase B definition study. Volume 1: Executive summary	1976
19760076158	Space telescope support systems module phase B definition study. Volume 2: Technical report	1976
19760076254	Undersea medical and physiological investigations	1976
19760076255	Developing and maintaining physical fitness suitable for prolonged space flight, volume 1	1976
19760076256	Earth orbital teleoperator systems concepts and analysis. Volume 1: Executive summary	1976
19760076257	Earth orbital teleoperator systems concepts and analysis. Volume 2: Technical report	1976
19760076258	Earth orbital teleoperator systems concepts and analysis. Volume 3: Program study cost estimates	1976
19760076259	Earth orbital teleoperator systems concepts and analysis. Volume 4: Guidelines and requirements document	1976
19760076260	Earth orbital teleoperator systems concepts and analysis. Volume 5: Docking retrieval mechanism	1976
19760076261	Users guide for batch operation of the SMIPS/VICAR image processing system	1976
19760076275	FSW ALT CDR cyclic modeling analysis	1976
19760076276	FSW ALT I/O error analysis	1976
19760076277	Detailed requirements document for the shuttle training aircraft processing system	1976
19760076278	Absolute rate constant for the reaction of atomic hydrogen with phosphine over the temperature range 209 to 495 K	1976
19760076285	Conceptual study of a long pointed spar for a cluster of facility instruments on shuttle/space lab. Astronomy space lab payloads project	1976
19760076286	Trapped particle environment of SMM (Solar Maximum Mission)	1976
19760076287	Solar physics payload instrument interface study	1976
19760076289	Aerodynamic Characteristics of a 1/4-Scale Model of MORASS Missile Configurations at Supersonic Speeds	1976
19760076298	Vehicle dependent aspects of terminal area guidance and control	1976
19760076301	Aero/acoustic research rotor system, volume 1	1976
19760076302	Aero/acoustic research rotor system. Volume 2: Funding estimate	1976
19760076303	Correlation of an extended CH-53 helicopter NASTRAN model with full-scale aircraft shake test data	1976
19760076304	The effects of installing vortex attenuating devices on the design, performance, and operations of a heavy commercial jet transport, part 2	1976
19760076305	A development plan for an aeroacoustic research rotor system, volume 1	1976
19760076306	A development plan for an aeroacoustic research rotor system	1976
19760076307	Advanced supersonic configurations studies using multicycle engines for civil aircraft	1976
19760076308	Spin-Tunnel Investigation of a 1/25 Scale Model of the General Dynamics YF-16 Airplane	1976
19760076309	A Preliminary Assessment of the Transonic Maneuvering Characteristics of Two Advanced Technology Fighter Aircraft	1976
19760076313	Analytical investigation of gust suppression techniques for the CH-53 helicopter	1976
19760076314	Expansion of flight simulator capability for study and solution of aircraft directional control problems on runways, phase 2	1976
19760076317	Space processing payload equipment study. Volume 1: Executive summary	1976
19760076318	Space processing payload equipment study. Volume 2: Technical results. Book 1: Experiment requirements summary	1976
19760076319	Space processing payload equipment study. Volume 2: Technical results. Book 2: Systems	1976
19760076320	Space processing payload equipment study. Volume 2: Technical results. Book 3: Equipment design	1976
19760076321	Space processing payload equipment study. Volume 2: Technical results. Book 4: Appendixes	1976
19760076322	Space processing payload equipment: Facilities and modules for experiments on chemical and fluid phenomena	1976
19760076323	Space processing payload equipment. Facilities and modules for experiments on biological materials	1976
19760076324	Space processing payload equipment. Facilities and modules for experiments on metals, alloys, semiconductor materials, ceramics and glasses	1976
19760076327	Shuttle base heating instrumentation	1976
19760076349	Skylab post-mission space radiation analysis	1976
19760076350	Design of a program of scientific research on the 1977 biosatellite	1976
19760076351	Measurement of the spectra of energy linear losses on the Kosmos-782 satellite	1976
19760076352	ATS-6/Nimbus-6 tracking and data relay experiment equipment performance evaluation	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076353	Error analysis for satellite aided search and rescue	1976
19760076406	Calculation of the flow on the space shuttle at Mach number 7.3 and angle-of-attack of 30 degrees	1976
19760076407	Space processing payload equipment study. Volume 1: Executive summary	1976
19760076408	Space processing payload equipment study. Volume 2A: Technical summary	1976
19760076409	Space processing payload equipment study. Volume 2A1: Furnace processing facility - Functional description	1976
19760076410	Space processing payload equipment study. Volume 2A2: Containerless processing facility - Functional description	1976
19760076411	Space processing payload equipment study. Volume 2A3: Biological processing facility - Functional description	1976
19760076412	Space processing payload equipment study. Volume 2A4: Fluid and chemical processes facility - Functional description	1976
19760076413	Space processing payload equipment study. Volume 2A5: Core facility - Functional description	1976
19760076414	Space Processing payload equipment study. Volume 2A6: SPA facility/subsystem level EMC specification	1976
19760076415	Space processing payload equipment study. Volume 2A7: Reference payload operations analysis	1976
19760076416	Space processing payload equipment study. Volume 2A8: Space processing applications interface control document	1976
19760076417	Space processing payload equipment study. Volume 2B: Equipment description handbook	1976
19760076418	Auxiliary payload power system study phase 2. Task 2: APPS specifications, CEI specification, part 1	1976
19760076419	Auxiliary payload power system study, Phase 2. Task 1: APPS preliminary design configuration definition	1976
19760076420	Auxiliary payload power system study, phase 2. Task 1: APPS preliminary design avionics subsystem	1976
19760076421	Auxiliary payload power system study phase 2. Task 1: APPS preliminary design GSE requirements	1976
19760076422	Auxiliary payload power system study. Volume 1: Executive summary	1976
19760076423	Auxiliary payload power system study. Volume 2: Technical report	1976
19760076424	Auxiliary payload power system study. Volume 3A, Task 1: Establish design constraints for the APPS	1976
19760076425	Auxiliary payload power system study. Volume 3B, Task 2: Develop and augment current APPS designs and establish an initial baseline	1976
19760076426	Auxiliary payload power system study. Volume 3C, Task 3: Investigate alternate subsystem designs for the APPS	1976
19760076427	Auxiliary payload power system study. Volume 3D, Task 4: Develop alternate designs for the APPS	1976
19760076428	Auxiliary payload power system study, phase 2. Task 1: APPS preliminary design thermal control subsystem	1976
19760076429	Auxiliary payload power system study, phase 2. Task 1: APPS preliminary design electrical power subsystem	1976
19760076462	STS/spacelab payload utilization planning study, definition of the STS utilization planning (SUP) process	1976
19760076463	STS/Spacelab Payload Utilization Planning (S/SPUP) study, phase 2	1976
19760076526	Lightweight fire barrier development for aircraft	1976
19760076530	Formulation and application of MS-74 white thermal-control coating	1976
19760076535	Development of the multispectral active/passive microwave imaging system	1976
19760076536	Summary report of hybrid antenna reflector concept	1976
19760076537	Contract modification 9 of airborne electronically steerable phased array monopulse receiver difference channel	1976
19760076543	Study of techniques for modular design and fabrication of charge-coupled signal processing devices	1976
19760076547	A brief survey of the literature on variational principles for inviscid adiabatic fluid flow	1976
19760076554	Sperry ASLG 15 laser-gyro performance and error model	1976
19760076555	Modification of the gyroflex digital electronic rebalance loop to permit a resolution of one-milliarsecond per data pulse for fine pointing requirements	1976
19760076556	Development of a digital electronic rebalance loop for a high-rate dry tuned rotor two degree-of-freedom gyroscope	1976
19760076557	Program to design, fabricate, test, and deliver a thermal control-mixing control device	1976
19760076558	An extreme ultraviolet and soft x-ray solar spectrometer for Spacelab 2	1976
19760076559	Narrow spectral width semiconductor laser	1976
19760076584	Preliminary results from the March 1975 soil moisture flight	1976
19760076585	Manned earth science observations	1976
19760076586	Technical feasibility study of modular dish solar electric systems	1976
19760076587	Global distribution of the surface albedo	1976
19760076588	Magnetic field experiment data processing systems: Explorers 47 and 50	1976
19760076589	Large-scale electric fields in the earth's magnetosphere: A review	1976
19760076590	Cloud physics radiometer experiment plan	1976
19760076591	The topography of the oceans	1976
19760076592	Effect of space flight conditions on the physiological state of tumoral carrot tissue induced by agrobacterium tumefaciens B6 (experiment K-101, conducted by the Department of Plant Physiology of the Biology Faculty of Moscow State University)	1976
19760076593	Experiments with drosophila aboard the artificial earth satellite Kosmos-782	1976
19760076594	Results of a study of radiated seeds after their exposure in Kosmos 782 (with use of onboard centrifuge)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760076595	Preliminary results of investigations on-board Kosmos-782 (physiological experiment with rats)	1976
19760076596	The effect of weightlessness and clinostating on early embryonic development of bony fish (fundulus heteroclitus)	1976
19760076597	Quantitative histochemical analysis of the vestibular cerebellum of fundulus heteroclitus	1976
19760076599	Morphological and cytochemical study of the organs and tissues of animals on Cosmos-782	1976
19760076600	Baltimore Health Department workshop	1976
19760076601	Study of optimal training protocols and devices for developing and maintaining physical fitness in females prior to and during space flight	1976
19760076602	MA-011 Apollo Soyuz electrophoresis technology experiment: Electrophoretic separation of kidney cells at zero gravity	1976
19760076603	Determination of the heavy nuclei dose in biological tissue	1976
19760076604	Results of the medical research during the flight of the second expedition of the Salyut-4 orbital station	1976
19760076605	General results of biological and several radiation physics studies in the biosatellite Kosmos-782	1976
19760076606	Actual problems of prognostication of the state of a man under extreme conditions	1976
19760076607	Simulation of the physiological effects of weightlessness	1976
19760076608	Apollo-Soyuz test project: Results of the biomedical studies completed during the flight of the Soyuz-19 Spacecraft	1976
19760076609	Investigation of technical problems to establish design specifications for a new teleoperator manipulator. Part 1: Final report	1976
19760076610	Investigation of technical problems to establish design specifications for a new teleoperator manipulator. Part 2: Detailed drawings and assembly layouts of the LEMMA elbow, upper and lower arm	1976
19760076611	Investigation of technical problems to establish design specifications for a new teleoperator manipulator. Part 3: Detailed drawings and assembly layouts of the LEMMA wrist	1976
19760076612	Investigation of technical problems to establish design specifications for a new teleoperator manipulator. Part 4: Detailed drawings and assembly layouts of the differential shoulder	1976
19760076613	Earth Orbital Teleoperator Systems (EOTS): Concepts and analysis	1976
19760076621	FRT I/O jitter study	1976
19760076622	Commonly used digital tape, disk and card formats	1976
19760076623	STRCMACS: An extensive set of macros for structured programming in OS/360 assembly language	1976
19760076624	Reader's guide to the Retro program output	1976
19760076626	Approximation of stochastic differential equations on digital and hybrid computers	1976
19760076627	A model for the distribution of random events in systems with memory	1976
19760076628	An analytic investigation of techniques to reduce tail rotor noise	1976
19760076629	Noise and acoustic response of Bruel Kjaer and porous surface microphones in flow	1976
19760076632	Optical Systems Study for Advanced Facsimile Camera	1976
19760076633	Image transformations facilitating visual interpretation	1976
19760076634	Focal plane wavefront sensor definition study for space telescope	1976
19760076635	Study and Analysis of Low Cost Practices for Space Systems	1976
19760076636	Evaluation of new technology reports	1976
19760076638	Baltimore applications project	1976
19760076639	Selected indexes to several catalogs of objects for investigation at infrared wavelengths	1976
19760076640	Mariner 10 interplanetary magnetic field measurements, November 1973 - March 1974	1976
19760076641	Decameter-wave radio observations of Jupiter during the 1975 apparition	1976
19760076642	A brief summary of the solar maximum mission	1976
19760076643	A study of heavy nuclei fluxes of galactic cosmic radiation in the artificial Earth satellite Kosmos-782	1976
19760076644	Expected radiation exposure of HEAO missions	1976
19760078679	Japan: Nuclear, missile, space, and defense developments, GUO no. 225	1976
19760078680	Stratospheric photochemical studies	1976
19760078681	France: Nuclear, missile, and space developments GUO no. 404	1976
19760079258	Cryogenic quartz crystal microbalance	1976
19760079260	Proposals for the execution of the position orbital path maneuver in the transfer path phase	1976
19760079262	Research aircraft technology office publications, 1975	1976
19760079954	Space transportation system payload utilization model. Volume 4: Launch conflict, contingency analysis and interactive operation manual	1976
19760080000	France: Nuclear, missile, and space developments, GUO no. 407	1976
19760080001	France: Nuclear, missile, and space developments, GUO no. 406	1976
19760080002	Translations on USSR political and sociological affairs (GUO 2/76). Sociological studies no. 4, October - December 1975	1976
19760080003	Vestnik of the USSR Academy of Medical Sciences, no. 11, 1975	1976
19760080004	Japan: Nuclear, missile, space, and defense developments, GUO no. 227	1976
19760080005	Japan: Nuclear, missile, space, and defense developments, GUO no. 226	1976
19760080304	Experimental study of multiple interior impacts	1976
19760080354	Feasibility investigation of a laminar angular rate sensor (LARS), phase 5	1976
19760080543	Space transportation system payload utilization model, final requirements specification document, volume 1	1976
19760080544	Space transportation system payload utilization model, user's manual, volume 2	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080545	Space transportation system payload utilization model, software design specification document, volume 3	1976
19760080546	France: Nuclear, missile, and space developments, GUO no. 405	1976
19760080547	Space transportation system integrated mission planning	1976
19760080548	Space transportation system integrated mission planning. Interactive mission analysis prototype program users' guide and program description	1976
19760080549	Advanced systems cost estimating techniques. Volume 1: Development of cost estimating techniques and maintenance of Redstar data base system	1976
19760080550	Advanced systems cost estimating techniques. Volume 2: Low cost systems analyses	1976
19760080551	Advanced systems cost estimating techniques. Volume 3: Logistics concept and implementation plan	1976
19760080552	Space biology and aerospace medicine, volume 9, no. 6, 1975	1976
19760080553	Eye movements arising during head turning aboard artificial gravity stations	1976
19760080554	Evaluation of the effect of impact accelerations on the body according to data from laboratory investigations	1976
19760080555	Investigation of the physiological activity of Chlorella after exposure to spaceflight factors aboard the Salyut orbital station	1976
19760080556	Control of mineral nutrition of higher plants in biological life support systems	1976
19760080557	Human tolerance to positive Gz accelerations accompanied by body heating	1976
19760080558	Effect of positive longitudinal acceleration on the transmissive properties of a man-operator	1976
19760080559	Perceptive activity of the personality during adaptation to a state of brief weightlessness	1976
19760080560	Adaptation of the cardiovascular system to a negative gravitational load during repeated antiorthostatic exposures	1976
19760080561	Interdependence of functioning of the optical and acoustic analyzers under extremal stimulation conditions	1976
19760080562	Study of dynamics of psychic performance of flight personnel during hypertension for the purpose of predicting professional activity	1976
19760080563	Space biology and aerospace medicine, volume 10, number 1, 1976	1976
19760080564	Pathophysiology of prolonged hypokinesia	1976
19760080565	Experimental Soyuz-Apollo flight. Preliminary results of biomedical investigations carried out during flight of the Soyuz-19 ship	1976
19760080566	Study of phosphatase activity in bone tissue and blood serum during ninety-day hypokinesia	1976
19760080567	Dynamics of motor components of optokinetic nystagmus during exposure of the vestibular apparatus to angular accelerations	1976
19760080568	Effect of transverse accelerations on the motor function of the stomach	1976
19760080569	Time required for adaptation of flight personnel to work in the subtropics	1976
19760080570	Development of reticulocytosis in the peripheral blood under the influence of a permanent magnetic field	1976
19760080571	Sorption method for regenerating water for personal hygiene of cosmonauts	1976
19760080572	An attempt to shuffle the diurnal rhythm of potassium excretion in urine	1976
19760080573	Electrospectroscopic method for evaluating interaction between radion and DNA molecules	1976
19760080574	Meteorology and hydrology no. 12, 1975	1976
19760080575	The cyclic nature in the equatorial stratosphere and its relationship to general atmospheric circulation	1976
19760080576	A hydrodynamic method for diagnosis and forecasting of turbulence zones in the free atmosphere	1976
19760080577	The effect of errors in the initial description of different scale motions on the numerical forecast	1976
19760080578	Parameters which determine the vertical structure of the long-wave radiation field in the atmosphere	1976
19760080579	Selecting the optimum spectral intervals for measurements of reflected solar radiation in the region of 0.4-0.85 microns for identification of natural formations	1976
19760080580	The influx of scattered radiation on vertical surfaces during sunny weather in Moscow	1976
19760080581	Variation of microclimate due to drainage of marshy areas	1976
19760080582	Stationary currents above the submerged slopes of a deep lake with a tributary	1976
19760080583	The mechanism of conversion of river channel banks	1976
19760080584	Determining the moisture content of the surface layer of the atmosphere by lidar	1976
19760080585	Meteorology and hydrology no. 11, 1975	1976
19760080586	The energy characteristics of meso and microscale turbulence at altitudes of 5-20km	1976
19760080587	The phase and evolution of a quasi-biennial cycle in the equatorial stratosphere of the Pacific ocean in 1974	1976
19760080588	The relationship of monthly temperature anomalies of the water and air of the North Atlantic to circulation in the equatorial stratosphere	1976
19760080589	The circulation mechanism of air exchange in the Southern Hemisphere and the Antarctic ice belt	1976
19760080590	Investigating the maximum semi-diurnal and diurnal precipitation totals	1976
19760080591	Synoptic conditions for extremely abundant precipitation in the southern portion of the Far East	1976
19760080592	Pollutant distribution in an urban atmosphere	1976
19760080593	The main principles for constructing tables to determine turbulent fluxes in the lower air layer above the sea (to the new edition of oceanographic tables)	1976
19760080594	Features of the problem of forecasting hydrological characteristics by using regression equations	1976
19760080595	A method of water leveling at the mouths of tidal rivers	1976
19760080596	The accuracy of measuring the wind vector above the sea by means of a Doppler navigation system	1976
19760080597	Complex climatology over a period of 50 years	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760080598	New atlas of oceans reviewed	1976
19760080600	Japan: Nuclear, missile, space, and defense developments, GUO no. 228	1976
19760081064	Translations on environmental quality (GUO 4/76)	1976
19760081162	Geophysical and seismic data processing	1976
19760081163	Laser ranging of the Salyut-4	1976
19760081166	Capture of radiation in ionospheric channel during scattering on artificial irregularities	1976
19760081167	Japan: Nuclear, missile, space, and defense developments, GUO no. 229	1976
19760081168	Variability of hydrophysical fields in the ocean	1976
19760081169	Research in the variability of hydrophysical fields in an ocean testing ground	1976
19760081170	Spectra of the intensities of current velocity micropulsations and kinetic energy dissipation in the ocean	1976
19760081171	Spectral characteristics of pulsations of the electric conductivity field in the ocean	1976
19760081172	Statistical estimates of the parameters of small-scale oceanic turbulence	1976
19760081173	An experiment in investigating the microstructure of the oceans electric conductivity field by the sounding method	1976
19760081174	On the inertial interval in the turbulence spectra in a stratified liquid (the Heisenberg-Monin model)	1976
19760081175	Subsurface gravity waves in the ocean	1976
19760081176	On the generation of trains of subsurface waves in the ocean	1976
19760081177	On the use of thermoanemometers in a current with temperature pulsations	1976
19760081178	Frequency depth piezosensors for oceanological investigations	1976
19760081179	Second expedition on the Salyut-4	1976
19760081180	Ocean dynamics	1976
19760081181	Ionospheric investigations	1976
19760081182	Sunlight fluctuations at sea	1976
19760081186	Automated technological process control systems analyzed	1976
19760081187	Itekan program-controlled automatic drafting machines	1976
19760081188	Anomalous properties of acoustic periodical phased arrays	1976
19760081189	Markers used in hydrodynamic research	1976
19760081190	Laser beam from rocket flame	1976
19760081191	Possible use of dense hydrogen plasma for thermonuclear research	1976
19760081192	Cartographic study of foreign countries	1976
19760081194	Calculation of energy characteristics of the electrical discharge CO2 laser	1976
19760081195	How to create an artificial brain	1976
19760081196	Spectroscopy study of photoelectrons of metal-support interactions in iridium catalysts deposited on metallic oxides	1976
19760081197	Offshore surveys	1976
19760081198	Gyroscopic systems and instruments of precision mechanics	1976
19760081199	Frequency of characteristic oscillations of a statically unbalanced gyroscope mounted on an elastic base	1976
19760081200	Evaluating the velocity error of a gyrocompass on a spheroidal model of the geoid	1976
19760081201	Instrument for measuring and registering small pulsating pressures	1976
19760081202	Application of the random balance method in investigating the accuracy of weighing and dosing apparatus	1976
19760081203	Influence of inertia of the Cardan joint of a platform on stability of a triaxial gyrostabilizer	1976
19760081204	Formulas for addition of the final rotations of gyroscopic instruments fixed by Krylov angles	1976
19760081205	Trajectories of a gyroscope with axially symmetric rotor suspension with allowance for the earth's rotation	1976
19760081206	Device for determining the position of the maximum climbing rate of an ascending air flow	1976
19760081207	On the theory of a gyrocompass with a rigid torsion suspension	1976
19760081208	Designing of a symmetric three-band coupling	1976
19760081209	Errors in a precise gyroscopic angular velocity sensor	1976
19760081210	Influence of the type of nonlinearity of a precession angle sensor on the parameters of autonoscillations of a uniaxial force gyrostabilizer	1976
19760081211	Forced oscillations of a uniaxial gyrostabilizer	1976
19760081212	Method for refining the position of a moving object	1976
19760081213	Computation of sensitivity of spiral tubular springs	1976
19760081214	Investigation of deviation and computation of induced error in electrical measuring instruments with a moving part on tension members	1976
19760081215	Magnetometry	1976
19760081217	Logic devices and memories based on magnetic bubbles	1976
19760081218	Some problems in the automation of domain propagating circuits design	1976
19760081219	Structural questions and operational analysis of switches using cylindrical magnetic domains, TsMD	1976
19760081220	The Possibilities for constructing adders based on cylindrical magnetic domains, sMD]	1976
19760081221	Principles of information in domain memories with decoders	1976
19760081222	Certain questions in constructing domain integrated microcircuits for automation and computer engineering devices	1976
19760081223	A model of TsMD (cylindrical magnetic domain) motion in domain registers using T-structures	1976
19760081224	Questions in recording small diameter cylindrical magnetic domains in domain devices for computer engineering and automation	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760081225	Controlled injection of cylindrical magnetic domains in domain memories based on magnetic bubble chips	1976
19760081226	The application of Hall effect transducers for reading information in garnet films	1976
19760081227	The influence of the spacing between cylindrical magnetic domains and permalloy overlays on the operation of cylindrical magnetic domain registers for domain memories	1976
19760081228	On the question of the relationship of the critical frequency to the parameters of domain propagating circuits	1976
19760081229	Cylindrical magnetic domain (TsMD) dynamics in domain propagating circuits	1976
19760081230	Vestnik of the USSR Academy of Sciences, no. 11, 1975	1976
19760081231	New possibilities of Raman spectroscopy	1976
19760081232	Quasi-unidimensional electron systems and high-temperature superconductivity	1976
19760081233	Engineering psychology and technological progress	1976
19760081234	Physics and technology of high pressures	1976
19760081235	International seminar on corpuscular fluxes of the sun and radiation belts of the Earth and Jupiter	1976
19760081628	Low-emissive paint, shipboard environmental evaluation (U)	1976
19760081631	Follow-on operational test and evaluation of VAST (U)	1976
19760081694	Snow erosion tests of CERA materials in the hyperballistic range (U)	1976
19760081739	Notes on the measurement of aerodynamic heat transfer in model-testing facilities	1976
19760081740	Recording the activities of three flight-deck crew members	1976
19760081742	An analysis of the MAROTS injection strategy	1976
19760081743	An optical method of transmitting data to or from rotating equipment	1976
19760081744	A study of the interaction of a normal shock wave and a turbulent boundary layer using a laser anemometer	1976
19760081745	Space biology and aerospace medicine, volume 10, number 1, 1976	1976
19760081746	Pathophysiology of prolonged hypokinesia	1976
19760081747	Experimental Soyuz-Apollo flight. Preliminary results of biomedical investigations carried out during flight of the Soyuz-19 ship	1976
19760081748	Study of phosphatase activity in bone tissue and blood serum during ninety-day hypokinesia	1976
19760081749	Influence of different motor activity regimes on processes of human adaptation to high-mountain conditions	1976
19760081750	Dynamics of motor components of optokinetic nystagmus during exposure of the vestibular apparatus to angular accelerations	1976
19760081751	Effect of transverse accelerations on the motor function of the stomach	1976
19760081752	Time required for adaptation of flight personnel to work in the subtropics	1976
19760081753	Development of reticulocytosis in the peripheral blood under the influence of a permanent magnetic field	1976
19760081754	Sorption method for regenerating water for personal hygiene of cosmonauts	1976
19760081755	An attempt to shuffle the diurnal rhythm of potassium excretion in urine	1976
19760081759	The development of a universal equation for secondary creep rates in pure metals and engineering alloys	1976
19760081766	Selection of the interval for measuring gravity and magnetic fields and their interpolation using discretely measured values	1976
19760081767	Translations on Eastern Europe: Scientific affairs (GUO 1/76)	1976
19760081768	Automatic servo system balancing of rotors	1976
19760081794	Study of the definition of spacelab experiments with communications and navigation aspects	1976
19760081825	Ground effect vehicle design aboard	1976
19760081826	Accuracy in determining coordinates of observation stations and satellite orbits from measurements of distances to artificial earth satellites	1976
19760081832	Japan: Nuclear, missile, space, and defense developments GUO no. 230	1976
19760081886	Developing recommendations for improving the organization and technology in geophysical work	1976
19760081889	New data on the structure of the sedimentary layer in the water area of terpeniye Bay (southern Sakhalin Island)	1976
19760081890	Mechanism of the solar activity effect on the lower atmospheric circulation	1976
19760081891	Measurements of the atmospheric water vapor ratio in the stratosphere and mesosphere with spectral equipment aboard the orbiting station Salyut-4	1976
19760081901	Monthly reports on USGS-NASA cooperative studies under the earth resources survey program	1976
19760081978	Versatile equipment for single-level continuous remote recording of wind speed and direction	1976
19760082098	Gyroscopic systems and instruments of precision mechanics	1976
19760082204	Aerodynamic characteristics of the AGM-65A (Maverick) missile in the flow field of the F-5 aircraft at Mach numbers from 0.5 to 1.2 (U)	1976
19760082207	IACS operational employment background (U)	1976
19760082210	Missile seeker technology enhancement program (U)	1976
19760082249	Investigation of materials for gas-lubricated bearings	1976
19760082250	France: Nuclear, missile, and space developments, GUO no. 409	1976
19760082251	Earth shape theory	1976
19760082252	Japan: Nuclear, missile, space, and defense developments, GUO no. 232	1976
19760082253	Japan: Nuclear, missile, space, and defense developments. GUO no. 231: Nuclear power development	1976
19760082254	Use of aviation in agriculture and forestry	1976
19760082255	Automated control systems	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082257	Vestnik of the USSR Academy of Sciences, no. 1, 1976	1976
19760082258	Evolutionary process in the universe	1976
19760082259	Energy and physics	1976
19760082260	Mechanics and scientific and technical progress	1976
19760082261	Modern problems of physicochemical biology	1976
19760082262	Modification, fabrication, and delivery of internal mode selected gallium arsenide solid state laser diodes	1976
19760082264	New technologies: Emphasis on space	1976
19760082278	Meteorology and hydrology, no. 1, 1976	1976
19760082279	Climate and the tasks of the gap-climate program	1976
19760082280	Formulation of universal alternative forecasts	1976
19760082281	Effectiveness of some methods for dynamic initialization of the geopotential and wind fields	1976
19760082282	Characteristics of frontal zones in the lower layer of the atmosphere according to observations on a high mast	1976
19760082283	Influence of vertical wind shear on the evolution of a systems of convective clouds and on the forming of shower precipitation	1976
19760082284	Computer wind velocities in regions of strong winds	1976
19760082285	Evaluating methods for parameterization of penetrating convection on the basis of gate data	1976
19760082286	Measurement of vertical air velocities using tetrons during TROPEX-72	1976
19760082287	Cosmic Halo	1976
19760082289	Using the partial reflections method to investigate the D-region of the ionosphere modified by powerful radio waves	1976
19760082290	Welding of high strength titanium alloys	1976
19760082326	Journal of Naval Science, volume 2, no. 1, January 1976 (U)	1976
19760082327	Microwave breakdown in double-ridged waveguide	1976
19760082328	Improved fluids for submarine hydraulic systems	1976
19760082329	Work in the UK on the applications of solar cells in space	1976
19760082330	BH7 in Sweden and the Gulf of Bothnia	1976
19760082331	The relationship between personality, flying aptitude and performance in rotary wing training	1976
19760082332	Just how reliable are plastic encapsulated semi conductors for military applications and how can the maximum reliability be obtained?	1976
19760082587	Development of S-3A SENSO instrumental materials: Task listing, learning requirements analysis, and passive acoustic logic tree (U)	1976
19760082666	Technology priorities and development plans (U)	1976
19760082670	Preliminary engineering design of an infantry laser weapon. Volume 1: System design of an infantry laser weapon (U)	1976
19760082671	Preliminary engineering design of an infantry laser weapon. Volume 2: Principal subsystem design of an infantry laser weapon (U)	1976
19760082706	Geophysical equipment	1976
19760082707	A quantum magnetometer for superweak fields	1976
19760082708	Superconductive quantum gradientometers	1976
19760082709	Dependence of the amplitude of a quantum magnetometer's magnetosensitive element's orientation relative to the field being measured	1976
19760082710	Using the modulation method in magnetometry	1976
19760082711	Construction principles of component magnetometers for surveying in motion with celestial orientation	1976
19760082712	Flux gates with excitation by a rotating field	1976
19760082713	Autonomous system for measuring variations in the earth's magnetic field at the bottom of the sea	1976
19760082714	Frequency-to-code converter for nuclear and quantum magnetometers	1976
19760082715	Increasing the sensitivity and operating speed of quantum and nuclear-precession magnetometers	1976
19760082716	Vestnik of the USSR Academy of Sciences, no. 12, 1975	1976
19760082717	Utilizing warm water from thermal electric power stations and nuclear electric power stations in the national economy	1976
19760082718	Active experiments in the ionosphere and magnetosphere	1976
19760082719	Magneto-hydrodynamic transformation of electric energy	1976
19760082720	Fundamentals of a polyspatial theory of measuring the parameters of signals and processes	1976
19760082721	Japan: Nuclear, missile, space, and defense developments, GUO no. 233	1976
19760082722	Vestnik of the USSR Academy of Sciences, no. 2, 1976	1976
19760082723	Solid state physics and its role in science and practice	1976
19760082724	Scientific problems in the development of computing technology	1976
19760082725	Space research	1976
19760082726	Problems of the origin of life	1976
19760082727	Evolution of the biosphere and ecological forecasting	1976
19760082728	New goals in the study of basic life phenomena	1976
19760082729	The role of remote hybridization in the evolution of plants	1976
19760082730	Meteorology and hydrology, no. 2, 1976	1976
19760082731	Numerical simulation of radiation fog modification by artificial condensation nuclei	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760082732	Forecasting heavy turbulence zones in the upper troposphere	1976
19760082733	The effect of surface friction on average and shear neutral stratified air flows	1976
19760082734	The relationship of atmospheric energetics to geomagnetic disturbances	1976
19760082735	The structure of air flow in the Ursat'yevsk wind	1976
19760082736	The role of advective acceleration in the mesoscale trade wind field	1976
19760082737	A method of measuring natural resources by TV images from meteorological satellites	1976
19760082738	Methods of calculating the natural illumination of the earth's surface	1976
19760082739	Determining the dynamic characteristics of compensating currents in the coastal zone of the sea	1976
19760082740	Investigating ice formation processes from data of aircraft measurements of radiothermal radiation	1976
19760082741	Evaluating the effect of synoptic-scale processes on variations of the meteorological parameters of the water-surface of air at the equator	1976
19760082742	Computer handling of climate data	1976
19760082743	The stability of empirical orthogonal functions	1976
19760082744	An approximation method for calculating the distribution of short wave diffuse radiation intensity for the daytime sky	1976
19760082747	Astronomy, geodesy, cartography	1976
19760082750	France: Nuclear, missile, and space developments, GUO no. 408	1976
19760082751	Higher medical schools in the USSR	1976
19760082752	Quasi-stationary acceleration of plasma in a coaxial injector with noncylindrical electrodes and supplied from an inductive energy storage device	1976
19760082753	Meteorology and hydrology, no. 3, 1976	1976
19760082754	Method for predicting squalls for 12-24 hours in advance	1976
19760082755	Periodic fluctuations of temperature and wind in the stratosphere and mesosphere	1976
19760082756	Structure of the atmosphere over Tumba Station (India)	1976
19760082757	Spatial assimilation of data from direct and indirect measurements of the temperature field	1976
19760082758	Routine processing of synoptic information on an electronic computer at the USSR Hydrometeorological Center	1976
19760082759	Statistical evaluation of the elements of wind waves measured using a wave recorder-perspectometer	1976
19760082760	Measurements of control-surface oscillatory derivatives on a sweptback, tapered model wing in two transonic tunnels	1976
19760082761	Fatigue behaviour of bolted joints in RR58 aluminum alloy with and without interfacial sealant	1976
19760082762	Some results on the growth of instabilities in a shear layer	1976
19760082763	A comparative study of the fatigue performance of notched specimens of clad and unclad aluminium alloy, with and without a pre-stress	1976
19760083057	TD and E of TACAIR employment in a communications jamming environment phase 3 (U)	1976
19760083063	Analysis of the operational capability of the satellite infrared experiment (U)	1976
19760083083	Hellfire missile system concept formulation package (Hellfire CFP coordination draft). Volume 5, part 4: Appendices B (continued) and H - I (U)	1976
19760083085	Advanced Location Strike System (ALSS) demonstration/evaluation (U)	1976
19760083088	Aircraft shelter door penetration study (U)	1976
19760083091	Data correlation and display system (Outlaw Hawk) (U)	1976
19760083098	Lower sideband study, mathematical modeling and learn software (U)	1976
19760083105	Helicopter/fighter evasive maneuvers simulation study (U)	1976
19760083106	Infrared turbojet plume radiation (U)	1976
19760083107	Self-contained towed decoy (U)	1976
19760083110	Group unit measurements (U)	1976
19760083120	TD and E of TACAIR employment in a communications jamming environment (phase 2) evaluation 1 and evaluation 3(U)	1976
19760083121	Follow-on operational test and evaluation of the AN/SPS-49 radar (U)	1976
19760083133	Experiment coherent optical communications systems	1976
19760083134	Assembling the M-6000 minicomputer with standardized electronic computers in a complex	1976
19760083135	Wave propagation in structures made of thin rods and plates	1976
19760083136	France: Nuclear, missile, and space developments, GUO no. 410	1976
19760083137	Technology of separating hydrocarbon gases	1976
19760083138	Theory of astronomical correction	1976
19760083139	Communications economics	1976
19760083140	Problems of geology of the shelf	1976
19760083141	Geodesist's handbook, book 2	1976
19760083142	Gyroscopic instruments	1976
19760083143	Theodolite operations	1976
19760083144	Aerial phototopographic methods of surveying	1976
19760083146	Three-dimensional stress analysis of cylindrically wound fibre reinforced annular discs surrounding a circular hole in a flat plate	1976
19760083147	Acceptance test plan for the development flight instrumentation wideband data system frequency division multiplexer (P/N FMT-706-22750000-501)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083149	F-15 initial operational test and evaluation: Air-to-air, annex A (U)	1976
19760083284	Joint operational evaluation of the narrow-band secure voice device TSEC/KY-65 and TSEC/KY-75 (PARKHILL) (OPNAV report symbol 3960-12) (U)	1976
19760083289	Operational evaluation of the low-light-level television Mk 6 Mod 0 (U)	1976
19760083290	Navy evaluation of F-11A in-flight thrust control system (U)	1976
19760083317	Operational evaluation of fire control system Mk 92 and 76mm/62 caliber gun mount Mk 75 (U)	1976
19760083319	AAR-34 improvement program (U)	1976
19760083321	F-15 initial operational test and evaluation: Air-to-ground, annex B (U)	1976
19760083322	F-15 initial operational test and evaluation: Routine missions, annex C (U)	1976
19760083323	Quarterly compilation of abstracts on completed test, Experimental, and development (ted) projects (U)	1976
19760083328	Applicability of the solid fuel ramjet to tactical missiles (U)	1976
19760083329	Optics and reflectivity characteristics: Rocking Chair (U)	1976
19760083334	Pave Spike DT and E production qualification test (U)	1976
19760083336	PIN and X-ray diode measurements on Gamble 2 exploded-wire plasmas (U)	1976
19760083340	Helicopter rockets, SEAS and beyond (U)	1976
19760083342	High-band millimeter-wave TWT (U)	1976
19760083346	E2.0 operational flight program, OPTEVFOR tactics guide (U)	1976
19760083348	Operational evaluation of the wideband secure voice device, TSEC/KY-57 and TSEC/KY-58 (VINSON) (U)	1976
19760083352	Hellfire missile system concept formulation package (Hellfire CFP) coordination draft. Volume 4, part 4: Main report an appendices, A-G (U)	1976
19760083353	Hellfire missile system concept formulation package (Hellfire CFP) coordination draft. Volume 6, part 4: Appendices 1 cont'd-O (U)	1976
19760083354	Improved HAWK missile description. Volume 2: Guidance, control and performance characteristics (U)	1976
19760083356	AIM-7E-3 missile follow-on OT and E (U)	1976
19760083357	Analysis of line sensor data, Volume 1 (U)	1976
19760083360	SAM-D certified round support evaluation (U)	1976
19760083362	Optical degradation of imaging detectors (U)	1976
19760083365	A hazard study of plastic fragments from an 8-in. projectile rotating band (U)	1976
19760083366	Advanced interceptor propulsion subsystem design (U)	1976
19760083384	F-15 initial operational test and evaluation (U)	1976
19760083388	Titan 2 flight analysis report, Mission DG-4 vehicle B-41 S/N62-022 (U)	1976
19760083393	Interim fleet command center (U)	1976
19760083402	Engineering design for advanced ADDS, volume 1 (U)	1976
19760083403	Engineering design for advanced adds, volume 2 (U)	1976
19760083404	Advanced RPV system trade study reports (U)	1976
19760083406	F-15 initial operational test and evaluation: Tactics, techniques, and procedures, annex D (U)	1976
19760083408	Engineering design for advanced ADDS, volume 3 (U)	1976
19760083412	Engineering design foe HEMLAN, volume 2 (U)	1976
19760083414	Engineering design for HEMLAN, volume 1 (U)	1976
19760083417	Operational evaluation of the Directional Command Active Sonobuoy System (U)	1976
19760083420	Concurrent evaluation of the E-2C weapons system (U)	1976
19760083423	Study of advanced alternative minuteman defense concepts. Volume 1: Executive summary (U)	1976
19760083440	Japan: Nuclear, missile, space, and defense developments, GUO no. 234	1976
19760083441	Japan: Nuclear, missile, space and defense developments, GUO no. 235	1976
19760083442	Meteorology and hydrology no. 4, 1976	1976
19760083529	Esterline model ETT-1 FM telemetry transmitter spectrum utilization characteristics	1976
19760083547	Flow phenomena in particle- induced convective heating augmentation	1976
19760083562	AV-8B program plan. Volume 3: Full scale test plan	1976
19760083569	M81305-1 distribution panel contractor testing	1976
19760083575	Accuracy calculations in some integral transformations of physical geodesy	1976
19760083576	Polar motion as derived from doppler satellite tracking from one station and NWL orbital data (TRAPOL experiment)	1976
19760083579	Automated and automatic management systems	1976
19760083580	Radio frequency simulation system	1976
19760083582	Conceptual development of TAB VEE retrofit 48-foot rolling closure systems	1976
19760083583	Feasibility studies on the Army ionization detection	1976
19760083584	Feasibility studies on the army ionization detector	1976
19760083587	Special testing of general purpose electronic test equipment-tektronic oscilloscope model 7904	1976
19760083591	Ultrasonic flaw detection of structural parts and constructions chapters 3 and 4	1976
19760083603	Global projection routine for mapping the earth	1976
19760083604	First article test report of the programmer assembly, P/N 255E900-1, and the programmer rack assembly, P/N 225E500-1 for the AQM-34V	1976
19760083608	Advanced development on gallium phosphide materials for satellite attitude sensors	1976
19760083611	Operational evaluation of the receiver-recorder set, meteorological data, AN/SMQ-10	1976
19760083612	Recovery of silver and regeneration of fixing capacity with alumi-wool, report-1	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760083615	Calibration of the AEDC-PWT 16-ft transonic tunnel at test section wall porosities of two, four, and six percent	1976
19760083632	Ship and aircraft loading and unloading models (SALUM). Volume 5: Revised sea simulation maintenance manual. Appendix D: Sea simulation flowcharts	1976
19760083642	Mini TWT expendable jammer (U)	1976
19760083653	An exploratory development program for Navy radar (U)	1976
19760083655	Advanced interceptor propulsion subsystem design, task 3 and 4 (U)	1976
19760083666	Systems applications for millimeter wave contrast seekers. Volume 1: Summary (U)	1976
19760083667	Systems applications for millimeter wave contrast seekers. Volume 2: Part 1, technical (U)	1976
19760083668	Systems applications for millimeter wave contrast seekers. Volume 2: Part 2, technical (continued) (U)	1976
19760083680	The successful testing of an operationally feasible system for infrared suppression, Pave Shield (U)	1976
19760083683	Analysis of advanced technology adjuncts for site defense. Volume 1: BMD considerations of the military C3 mission, phase 2 (U)	1976
19760083689	Laser discrimination analysis and implications (U)	1976
19760083715	Improved Hawk missile description. Volume 1: Missile functional description (U)	1976
19760083729	Advanced laser application study (U)	1976
19760083747	Atmospheric distortions of laser signals. Volume 1: Modeling and analysis (U)	1976
19760083749	Platelet carburetor-exhaust emission control system for M-151 vehicle	1976
19760083751	Principles of economics and management shipbuilding	1976
19760083770	Thermodynamic data for interior ballistic calculations	1976
19760083824	Military Medical Journal no. 12-75	1976
19760083825	Evaluating monitored physical stress tests on the indices of hemodynamics	1976
19760083826	Hemodynamic research in tests with respiration under excess pressure	1976
19760083831	The calibration of injector-powered engine simulators for use in pressurized wind tunnels	1976
19760083832	Jet noise radiation from discrete vortices	1976
19760083872	Piloted simulator study of the stability and control characteristics of the B-1 airplane at high angles of attack - Coord no. AF-AM-128 (U)	1976
19760083873	Developmental feasibility tests: Vehicular infrared alarm (VIRA) (U)	1976
19760083880	Evaluation of three-cue flight director systems	1976
19760083883	Aircraft shelter door conceptual study 48-foot shelter (high threat closure)	1976
19760083886	YAV-8B ground support equipment requirements (flight demonstration program)	1976
19760083887	AV-8A hydraulic actuator contamination evaluation	1976
19760083889	Accident environments expected in Air Force C-5, C-141, and C-130 aircraft accidents	1976
19760083892	FOT and E of improved type A-4 OBA (Oxygen Breathing Apparatus), supplement	1976
19760083893	Technical evaluation of satellite communications central AN/TSC-89(XN-1)	1976
19760083897	Results of the dual frequency signaling unit field evaluation in the overseas Autovon network	1976
19760083902	Possibilities for use of lasers in mine field clearance	1976
19760083903	Effect of large high-frequency angular motion of a shell on the analysis of its yawsonde records	1976
19760083904	An example of control realized using speech signals	1976
19760083909	Energy conversion of a pulsed thermonuclear reactor on the basis of theta-pinch with liner	1976
19760083910	The tracking station system	1976
19760083912	ADCOM/ADWC project 75-21, operational test and evaluation of the modular digital scan converter in the F-106	1976
19760083914	Low temperature thermoelectric cooler for 145K detector array package	1976
19760083916	Advanced fluidic stable platform. Phase 5: Critical component development	1976
19760083917	Required operational capability for digital wideband transmission system	1976
19760083919	Mechanics of proposed UHF antenna system towed in various sea states	1976
19760083920	Interaction of blast waves with thermal layers: An investigation of small scale high explosive experimental methods	1976
19760083923	Performance evaluation of the prototype asynchronous time division multiplexer AN/GSC-24(V)	1976
19760083924	The 3-5 micron inverted heterojunction mosaic array	1976
19760083925	Feasibility study for development of EMP equipment for Seafarer	1976
19760083944	Advanced interceptor control technology (U)	1976
19760083947	Signature library and learn processing (U)	1976
19760083949	Improved Hawk system functional description, performance and effectiveness report IH battery - IAFU - IH Triad battery. Volume 1: functional description (U)	1976
19760083956	MADM option 3 repair amd screening program development of repair and screening procedures (U)	1976
19760083982	Fixed terminal transfer characteristics of the ocean with applications to coherent interarray processing (U)	1976
19760083983	Initial operational test and evaluation of the LAMPS Mk 3 weapons system (U)	1976
19760083991	Structural demonstration of the model F-14A airplane (U)	1976
19760083992	Initial operational test and evaluation of the AGILE (aim-95) short-range air-to-air missile (U)	1976
19760083993	A-7E TRAM Navy Technical Evaluation (NTE) (U)	1976
19760083994	Shelf life test program for the TOW missile (first year's sample) (U)	1976
19760083997	Flight test of the PAVE SPIKE low altitude capabilities (U)	1976
19760084001	Advanced fuel-rich combustion investigations (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084006	Maverick AGM-65B symbology evaluation (U)	1976
19760084007	Millimeter target measurements and seeker effort (U)	1976
19760084008	Altitude development of the F100-PW-100 turbofan engine. Phase 12. Altitude performance , augments steady-state operational limits, augments transient characteristics, exhaust nozzle control study and electronic surge-recovery control evaluation engine S/N FX215-15	1976
19760084012	Demonstration and evaluation modified TISEO unit (U)	1976
19760084013	On the transition from current to future identification systems (U)	1976
19760084014	Follow-on operational test and evaluation of A-6E aerial mining capabilities and tactics (U)	1976
19760084015	Transonic aerodynamic characteristics of an advanced concept in air-to-air missile design (U)	1976
19760084016	Preliminary evaluation of the Mobile Test Unit (MTU) laser and associated health hazards, September 1975 - January 1976 (U)	1976
19760084021	Design of an advanced gas dynamic laser (U)	1976
19760084022	Joint AFSC/TAC DT/E/IOT/E of prototype F-4D AN/ARN-101 (V) systems (follow on), Addendum (U)	1976
19760084029	Project AVID guardian route surveillance study, part 2 (U)	1976
19760084030	Dual-spot tracking study: Signature and classical effects (U)	1976
19760084031	A study of sensors for terminal-fix guidance systems (U)	1976
19760084057	Potential for advanced technology to reduce military aircraft energy consumption for 1975- 2000 (U)	1976
19760084065	Improved HAWK system functional description, performance and effectiveness report IH battery, lafu, IH triad battery. Volume 2: Performance and effectiveness (U)	1976
19760084066	Tactical command, control and communications program (U)	1976
19760084087	High performance spring materials for aircraft	1976
19760084106	Quarterly report	1976
19760084110	A demonstration of an economic figure of merit and techno-economic sensitivities of an advanced single-stage-to-orbit vehicle	1976
19760084111	Military medical journal no. 1	1976
19760084112	The influence of high temperature and moderate hypoxia on the auditory system	1976
19760084113	Change in the reactivity of the vestibular system under hypoxic conditions	1976
19760084114	The influence of repeated hypothermia on the skin temperature of the lower extremities	1976
19760084121	Calibration of attitude-sensing probes at Mach numbers from 0.4 to 1.4	1976
19760084122	The Von Karman gas dynamics facility range S-3 description and capabilities	1976
19760084123	F-15 initial operational test and evaluation: Test environment, procedures, and data collection, annex F	1976
19760084126	Chronic hypoxia	1976
19760084127	Probability of error for coherent PSK in the presence of the thermal noise and intersymbol, interchannel, and co-channel interferences	1976
19760084129	Certification test procedure MK 1 Mod 0 stabilized glide slope indicator and wave-off lights	1976
19760084172	High power closed loop adaptive system (HI-CLAS) study	1976
19760084215	Solid propellant fluorine generator investigation	1976
19760084220	An experimental study of mixing and pulsed reaction in supersonic H2-F2-AR flows	1976
19760084222	Results from static stability and control tests of a proposed incremental growth vehicle IGV at supersonic and hypersonic Mach numbers	1976
19760084226	Noise reduction in aircraft with jet engines	1976
19760084255	Investigation of pulsed interference to narrowband FM receivers	1976
19760084269	Development of maintenance and operating (MO) factors for a Marine attack training squadron comprised of eight AV-8A and seven TAV-8A aircraft (U)	1976
19760084271	Initial operational test and evaluation of the AN/BQQ-5 towed array (U)	1976
19760084273	Concurrent evaluation of the F-14A weapons system (report symbol OPNAV 3960-12) (U)	1976
19760084274	Requirements for simulator sources produced by intense ion beam heating of plasmas (U)	1976
19760084277	MAID/MILES sensor systems: Evaluation of modifications to the AN/GSS-26A alarm set and tests of the developmental flat MILES transducer (U)	1976
19760084279	Navy technical assessment of the A-7E target recognition and attack multisensor (TRAM) system (U)	1976
19760084283	Subsystem design analysis report: Technology breadboard report. Volume 3: High power test (U)	1976
19760084284	IOT and E of height-to-target for F-111D aircraft (U)	1976
19760084295	Satellite observables control system design study. Volume 1. Executive summary (U)	1976
19760084296	Negative-impedance converters and other active devices for surface-current control (U)	1976
19760084304	Parametric measurements and analysis for OPTINT (U)	1976
19760084305	LORAN MK-84 augmented autopilot (U)	1976
19760084309	Modulation quality factors in AJ and LPI communications (U)	1976
19760084310	Infrared signature modifications, volume 2 (U)	1976
19760084316	IEO discrimination performance evaluation, volume 1 (U)	1976
19760084318	Geopotential model effects on low-altitude satellite ephemeris prediction (U)	1976
19760084319	Milsatcom systems architecture: Executive summary (U)	1976
19760084323	Air Force global weather center system architecture study. Final system/subsystem summary report. Volume 3: Classified requirements topics (U)	1976
19760084325	EMC analysis of the Army inflight data transmission system (AIDATS) (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084327	A case study in weapon system development: Time-of-Arrival/Distance-Measuring-Equipment (TOA/DME) programs (U)	1976
19760084328	Low altitude discrimination compendium. Volume 1: Reentry phenomenology (U)	1976
19760084341	Multistatic studies in the ballistic range (U)	1976
19760084348	Strategic technology (U)	1976
19760084349	Fair 2, flight 2 data analysis (U)	1976
19760084353	Concept verification of the GBU-15(V)/B planar wing weapon (PWW) (U)	1976
19760084356	Image compensation laboratory breadboard (U)	1976
19760084357	Advanced RPV system executive summary (U)	1976
19760084358	Advanced interceptor launch technology study (U)	1976
19760084360	Cost and effectiveness evaluation of alternative configurations of small aircraft carriers in the sea control mission (U)	1976
19760084363	Aeronautical systems technology needs - Avionics (U)	1976
19760084367	Aberration control for a large telescope (U)	1976
19760084368	Statistical analysis of pointing and tracking system performance (U)	1976
19760084374	Development of an ECM image simulation technique (U)	1976
19760084380	ALR-46/F-4C Wild Weasel OT and E (U)	1976
19760084385	Military Medical Journal, no. 2	1976
19760084386	Physiological and biochemical reactions to a standard set of emotogenic factors	1976
19760084387	Psychophysiological preparation of flying personnel	1976
19760084388	Space transportation system payload utilization model, volume 5	1976
19760084399	Measurement of acoustic impedance at oblique incidence	1976
19760084400	Considerations on the pore geometry of sound-absorbing materials	1976
19760084404	Aerodynamic characteristics of the Stubby HOBOS (GBU-5B) munition at Mach 0.30 to 1.20	1976
19760084405	Static stability tests on blunted cone models	1976
19760084441	Packet radio communications	1976
19760084442	SAM-D engineering development summary report, volume 1	1976
19760084443	TRIDENT sonar system AN/BQR-6 logistic support analysis of the depth/sound speed group	1976
19760084444	A frequency domain adaptive beamformer implementation	1976
19760084445	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF), Charleston Naval Shipyard, Charleston, South Carolina	1976
19760084454	Japan: Nuclear, missile, space and defense developments, GUO no. 236	1976
19760084457	L-band solid state technology program, volume 1	1976
19760084458	L-band solid state technology program. Volume 2: Appendix	1976
19760084463	Advanced electron device technology	1976
19760084465	Evaluation of ARINC circular spline coupling for the F-4 engine transfer gearbox/sundstrand constant speed drive interface	1976
19760084466	Evaluation of the ARINC circular spline coupling for the P-3 engine accessory pad gearbox/Bendix 28B95 generator interface	1976
19760084476	Physics and Chemistry of Processing of Materials (selected articles)	1976
19760084480	Test and evaluation of the aircraft handler, type EN/MOD	1976
19760084498	Kollsman external laser-protect coating for production dragon tracker eyepiece	1976
19760084517	Interim remote terminal on-line operational test procedures to the automated multi-media exchange	1976
19760084533	SAM-D engineering development report, volume 1	1976
19760084536	Modulation of gamma-emission of Os nuclei with excitation of an OsO4 molecule in the field of a CO2 laser	1976
19760084567	Attack helicopter, clear night defense. Phase 2B: USACDEC experiment 43.7, volume 6 (U)	1976
19760084568	LAMPS MK-3 independent parametric cost estimate. Volume 1: Summary (U)	1976
19760084569	LAMPS MK-3 independent parametric cost estimate. Volume 2: RDT and E and procurement cost (U)	1976
19760084570	LAMPS MK-3 independent parametric cost estimate. Volume 3: Operating costs (U)	1976
19760084572	OPTEUFOR tactics guide, radar bombing evaluation (U)	1976
19760084583	Development model of a receive-transmit steerable null antenna processor RTSNAP (U)	1976
19760084584	Test program definition for fuel rich jet interaction and external burning controls (U)	1976
19760084585	Low cost Dogfight missile seeker study and design. Volume 1: System analysis. Sections 1 through 6 (U)	1976
19760084586	Low cost Dogfight missile seeker study and design. Volume 2: Tradeoff studies. Sections 7 through 10 and appendices (U)	1976
19760084587	Low cost Dogfight missile seeker study and design. Volume 1: Technical (U)	1976
19760084588	Vertical line array DIFAR, volume 1 (U)	1976
19760084589	Vertical line array DIFAR. Volume 3: Test reports (U)	1976
19760084590	Vertical line array DIFAR. Volume 4: Acoustic studies (U)	1976
19760084592	Inlet and ramburner freejet and transition tests. Part 7: Integrated propulsion system ground tests, volume 1 (U)	1976
19760084593	Inlet and ramburner freejet and transition tests. Part 7: Integrated propulsion system ground tests. Volume 2: Appendices A through F (U)	1976
19760084594	The LAW program. Volume 4: Aeroballistics Technology (U)	1976
19760084600	Air localization study, phase 2 (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084602	Electrical evaluation of AN/APX-100(V) diversity IFF transponder (U)	1976
19760084604	Electrical surge protection for the antenna systems in the AN/BRA-8C submarine-towed communication buoy (U)	1976
19760084609	FAIR 2 measurement program (U)	1976
19760084610	FAIR 2 measurement program: Executive summary (U)	1976
19760084618	LADAR degradation in a nuclear environment. Volume 1. Overview and summary (U)	1976
19760084620	Engineering design of an Army high-energy laser system (U)	1976
19760084626	Minuteman flight analysis report. Volume 1: Basic performance. LGM-30F operational test phase 2 program, launch number 24, FTM-2190, Glory Trip 125M, WS-133AM (U)	1976
19760084627	BMEWS hardware evaluation. Volume 1: Executive summary (U)	1976
19760084628	BMEWS hardware evaluation, volume 2 (U)	1976
19760084636	Modular missile borne computers. Optical sensor capabilities definition (U)	1976
19760084642	COMBAT SAGE PACAF weapon system evaluation program (U)	1976
19760084644	Evaluation of the performance of the Moving Target Detector (MTD) in ECM and Chaff (U)	1976
19760084652	FAIR 2 flights 1 and 2 in-flight sensor performance (U)	1976
19760084657	Minuteman flight analysis report. Volume 1: Basic performance. LGM-30F operational test phase 2 program, launch 25, FTM-2469, Glory Trip 126M, WS-133AM (U)	1976
19760084659	Long range optical system study, part 2 (U)	1976
19760084660	Development test 3 (PVT-G) of perishing 1A Automatic Reference System (ARS)/Sequential Launch Adapter (SLA) (U)	1976
19760084661	MILSATCOM systems architecture. Main report (U)	1976
19760084676	Economics of thermal power engineering in the USSR	1976
19760084677	Earth-removal machines handbook on construction machines, 2	1976
19760084678	Some methodical approaches to study of the toxic properties of the cyanacrylate series used as medical glues	1976
19760084679	Layouts of sodium-water steam generators	1976
19760084680	Safety engineering instructions for workers servicing and repairing electric filters	1976
19760084681	Results of gravimetric investigations in southern part of West Sakhalin shelf	1976
19760084682	Instruments for use in geophysics and oceanography	1976
19760084683	Translations on USSR resources (GUO 10/76)	1976
19760084691	Solid propellant ingredient availability survey	1976
19760084693	Hybrid computing for real-time flight simulation	1976
19760084695	An experimental study of coaxial jet noise	1976
19760084701	Investigation of the supersonic through-flow compressor concept. Volume 1: Performance potential and mechanical design study of the supersonic inflow engine	1976
19760084705	Structural analysis of the Mark 6 mod 2 modular jet blast deflector support panel for the CVN-70	1976
19760084706	Standardization of general purpose pulse generators	1976
19760084707	Program maintenance manual for the Marine Aerial Reconnaissance Simulation MARS: An interactive CDC 6700 computer program for use in computer aided instruction	1976
19760084713	Results of F-4 parametric studies conducted on the differential maneuvering simulator (U)	1976
19760084714	High current particle beams. 2: The Siberian USSR research groups (U)	1976
19760084715	Modern ramjet fuel feed and control system (U)	1976
19760084716	Reactions involving the thermal stability of aqueous monopropellants (U)	1976
19760084720	Propulsion review. Part 4. Airbreathing propulsion research and development, January - March 1976 (U)	1976
19760084731	Methods of engineering psychology research in aviation	1976
19760084733	Initial production test of searchlight, AN/USS-3A, Contract DAAB07-73-C0264 (NUMAX)	1976
19760084735	Cascaded thermoelectric cooling devices utilizing the distributed peltier effect	1976
19760084737	Narrow gap welding development	1976
19760084738	Welding alpa-beta forged alloy titanium	1976
19760084751	Radar cross sections of the T-38 aircraft for the head-on aspects in L, S, and X bands	1976
19760084754	OTH radar observations of Caribbean Sea areas during high and low seas	1976
19760084755	Ocean surface observations using a non-coherent OTH radar	1976
19760084758	Main-beam distortion effects of ship superstructures on radar antenna performance	1976
19760084761	Survey of ground-to-ground visual target acquisition models	1976
19760084768	Test and evaluation of optical components for the Airborne laser laboratory. Volume 1: Component testing	1976
19760084769	Test and evaluation of optical components for the Airborne laser laboratory. Volume 2: Laboratory operations	1976
19760084774	Laser spark and propagation of discharges, part 2	1976
19760084775	Laser spark and propagation of discharges, part 1	1976
19760084776	O2/H2 advanced maneuvering propulsion technology program	1976
19760084777	O2/H2 advanced maneuvering propulsion technology program	1976
19760084779	Shipboard evaluation of Jered Vacu-Burn sewage disposal system installed aboard USS Kraus (DD-849)	1976
19760084785	Interference studies for advanced point sampling alarms	1976
19760084786	Development of a preactivated sealant with low-temperature capability for fuel cell applications	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084800	Follow-on operational test and evaluation of a device for torpedo recovery by helicopter	1976
19760084812	Simplified calculation of laser beam propagation through the atmosphere	1976
19760084817	Field maintenance level repair methods for aircraft honeycomb panels	1976
19760084818	Multilayer enhanced dielectric mirrors	1976
19760084821	Second order detection statistics for fluctuating targets	1976
19760084831	Analysis of primary and auxiliary flight control systems for the AV-8A	1976
19760084832	Analysis of primary and auxiliary flight control systems for the TAV-8A	1976
19760084838	AV-8A cockpit description	1976
19760084839	AV-8A Harrier armament characteristics (post Mod 800)	1976
19760084840	AV-8A electric capabilities summary report with Mod 528 (12 KVA generator) incorporated	1976
19760084841	AV-8A hydraulic power systems configuration analysis	1976
19760084842	AV-8A preliminary element fatigue test program report	1976
19760084843	AV-8A and TAV-8A landing gear and associated subsystems analysis	1976
19760084844	AV-8B inlet development high speed test program	1976
19760084846	Advances in the study of a mathematical model of Chandler motion	1976
19760084847	Study of earth and ocean tides based on satellite orbit perturbations	1976
19760084850	CONAD I and W implementation	1976
19760084853	Deep submergence aspects of lithium-seawater power cell	1976
19760084854	Multi-environment active RF seeker (MARFS) for helicopter fire and forget, phase 1	1976
19760084855	Feasibility and conceptual design study for EMP testers	1976
19760084859	Device for tracing equidimensional images of an object in a Lambert projection	1976
19760084860	DME/SPAL target location accuracy test	1976
19760084865	AV-8A(SP) aircraft performance	1976
19760084866	AV-8A aircraft performance	1976
19760084867	Actual weight and balance report for AV-8A NAVAIR serial number 159375	1976
19760084868	Actual weight and balance report for AV-8A(SP) NAVAIR serial no. 159560	1976
19760084869	Post Mod 800 AV-8A harrier avionics system description	1976
19760084873	Aluminum titanate as a basis for materials resistant to temperature change	1976
19760084878	Maverick incentive firing plan	1976
19760084886	Logarithmic oxidation law for metal particle combustion	1976
19760084887	Field of view evaluation apparatus, survey and analysis	1976
19760084889	Human factors evaluation of model P-3C UPDATE 1 airplane	1976
19760084890	AV-8B simulator evaluation V/STOL performance	1976
19760084891	AV-8 Harrier supplementary 300 gallon tank clearance program	1976
19760084892	Compression shear performance of snow	1976
19760084893	Qualification requirements for thick-film networks	1976
19760084894	The status of fire safety on DE 1052 class ships	1976
19760084895	Metallurgical factors influencing the stress corrosion cracking of HY-80 MIL/11018 welds	1976
19760084896	A real-time underwater imaging system (RUIS)	1976
19760084897	Space programs	1976
19760084898	OPTEVFOR tactics guide number 76-1. Operating procedures diverless helicopter weapon recovery system for MK-48 and MK-44 torpedoes	1976
19760084899	Manufacturing methods report on spectral filter technology for spinning mass seekers	1976
19760084900	Flight test support	1976
19760084901	Microwave signal processing devices	1976
19760084902	Preprocess titling for tactical reconnaissance imagery	1976
19760084919	Development test 2 of SHF satellite communications ground terminal AN/TSC-85() (V)1 and (V)2. Supplement number 2: Echo suppressor MX-9635()/GSC	1976
19760084920	Development test 2 of SHF satellite communications ground terminal AN/TSC-85()(V)1 and (V)2. Supplement number 1: Tactical satellite signal processor TD-1147()/TSC-85(V)	1976
19760084927	Cathode driven CFA (U)	1976
19760084928	Retroreflective projectile wake tests (U)	1976
19760084929	Night gimbal pointing and stabilization (U)	1976
19760084930	Dynamic ratio improvement (U)	1976
19760084936	Telecommunications electronics pulse (EMP) index, supplement number 1 (U)	1976
19760084938	Development of a dual safe S and A device for the Hellfire missile (U)	1976
19760084939	CO2 laser heterodyne sensor. Supplement 1: Multi-spectral sensor flight tests (U)	1976
19760084942	Computer studies of compensated imaging systems (U)	1976
19760084946	Large-area X-ray-transmission windows for exploded-wire discharges (U)	1976
19760084954	Acceptance testing of the nose mounted ATAFCS (unit no. 5) (U)	1976
19760084956	High-Frequency-Direction-Finding (HFDF) data entry into the graphics analysis and correlation terminal GACT (U)	1976
19760084958	Phase 1 operational evaluation of the CV-TSC (CV Tactical Support Center) (U)	1976
19760084961	Hazard evaluation of the Pave Tack Laser System (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760084962	Abbreviated independent evaluation of the Pershing 1A product improvement program, automatic reference system/sequential launch adapter (U)	1976
19760084963	Radar techniques program (U)	1976
19760084964	Indirect fast frequency-hopping synthesizer study (U)	1976
19760084968	GIANT HAWK B-52/TPB-1A flight test (U)	1976
19760084974	The LAWT program. Volume 6: Warheads (U)	1976
19760084975	The LAWT program. Volume 2: Propulsion technology (U)	1976
19760084976	AN/URC-78(XE-1)V VHF-FM radio system study effort (U)	1976
19760084977	Radio set AN/URC-78 ()/V (U)	1976
19760084980	Customer test of M60A1 rise tanks: Night vision devices and selected components (U)	1976
19760084982	Advanced remotely piloted vehicle system/subsystem summary report. Appendix B. Target acquisition/weapon delivery sensor subsystem study for the ARPV (U)	1976
19760084983	Advanced remotely piloted vehicle system/subsystem summary report. Appendix C. Advanced RPV real-time E-O target acquisition analysis (U)	1976
19760084984	High energy, high burning rate propellant: Beads (U)	1976
19760084985	Radar technology for low-altitude-target surveillance (U)	1976
19760084986	Variable cycle engine program, phase 1 (U)	1976
19760084988	Low cost dogfight missile seeker study and design. Volume 2: Cost report (U)	1976
19760084989	Low cost dogfight missile seeker study and design (U)	1976
19760084991	High energy high burning rate propellant phase 1, FEFO/HMX high energy propellant (U)	1976
19760084992	High power expendable TWT QKW 1778, phase 2 (U)	1976
19760084993	Study of advanced alternative minuteman defense concepts. Volume 3: Systems analysis (U)	1976
19760084994	Study of advanced alternative minuteman defense concepts. Volume 4: Technical appendices (U)	1976
19760085008	AFSATCOM combined DT and E/IOT and E technical test report, volume 1 (U)	1976
19760085009	AFSATCOM combined DT and E/IOT and E technical test report, volume 2 (U)	1976
19760085010	Laser discrimination (LADIS), volume 1 (U)	1976
19760085011	Laser discrimination (LADIS), volume 2 (U)	1976
19760085015	Feasibility demonstration of the B-52D/GBU-15(V)/B (U)	1976
19760085017	High intensity flare investigation (U)	1976
19760085018	Anti-exploitation in beacon systems with application to IFF: ADAM-4 (U)	1976
19760085028	Multistatic radar studies: Discrimination aspect (U)	1976
19760085031	Critical Optics Technology (COT) (U)	1976
19760085032	AN/ALQ-119(V)-12 electronic countermeasures gain test with A-10 aircraft (U)	1976
19760085033	Subsurface hydrodynamics studies: Turbulent wake collapse (U)	1976
19760085035	Concept evaluation of chaparral air defense system (U)	1976
19760085038	Optical signature analysis: 1974 - 1975. Volume 1. Executive summary (U)	1976
19760085039	Optical signature analysis: 1974 - 1975. Volume 2. Optical Signature Code OSC 3 (U)	1976
19760085041	Physics of the response of explosives to shock loading (U)	1976
19760085042	Active Moving Target Tracking (MTT) radar guidance trade-off analysis (U)	1976
19760085047	Radar area correlation concept evaluation and definition (U)	1976
19760085048	Initial operational test and evaluation of the Multi-Channel Processing System MCPS-32 (U)	1976
19760085051	Ocean wave phenomenology: Microwave backscatter from surface waves (U)	1976
19760085054	Optical countermeasures handbook. Volume 3: Optical countermeasures data/reference base (U)	1976
19760085055	Development flight testing of the B-1 navigation system (U)	1976
19760085058	The causes of mixed fatigue/tensile crack growth and the significance of microscopic crack behaviour	1976
19760085059	The effect of flight-by-flight load and temperature sequences on residual static strength of notched specimens in CM003 (RR58) aluminum alloy	1976
19760085060	The influence of abrasive fillers on the wear properties of pipe-based composites	1976
19760085061	Gyroscopic systems and instruments of precision mechanics	1976
19760085062	Electromagnetic fields in sea water, review	1976
19760085063	Japan: Nuclear, missile, space, and defense developments. GUO No. 237 post 4th defense plan procurement	1976
19760085064	Improvements in radio relay link capacity and quality discussed	1976
19760085065	France: Nuclear, missile, and space developments	1976
19760085066	KhTGZ turbines for AES and problems arising from their creation	1976
19760085067	Geodesist's handbook, book 1	1976
19760085068	Method for synthesizing antennas	1976
19760085069	Report topics of the Seventh All-Union Symposium Methods of Representation and Instrument Analysis of Random Processes and Fields	1976
19760085070	Nutrition in underwater structures (literature survey)	1976
19760085071	Problems of atmospheric physics	1976
19760085072	Hardware for the ASU-Pribor 2 automatic control system	1976
19760085073	Problems in setting up mechanized systems	1976
19760085074	Small marine gravimeter	1976
19760085075	Japan: Nuclear, missile, space and defense development, GUO no. 238	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085076	Tables of contents of Gosplan automated plan calculation anthology, Gosplan anthology on computers, mathematical economic methods	1976
19760085077	Specifics of the participation of cosmonaut-researchers in geospace experiments	1976
19760085078	Microelectronics and instruments	1976
19760085079	Characteristics of Doppler sonar systems	1976
19760085080	Meteorology and hydrology, no. 5, 1976	1976
19760085081	Invariance of the auditory perception relative to frequency-time signal transformations in the dolphin <i>Tursiops truncatus</i>	1976
19760085082	Computer and statistics	1976
19760085083	Achievements and Prospects in the Development of Engineering Cybernetics (3rd All-Union Inter-VUZ Sci. and Tech. Conf.)	1976
19760085084	Calculation of the effectiveness of introduction of an ASU (Automated Control System)	1976
19760085085	Automobile trainers	1976
19760085086	Petroleum and gas, problems and forecasts	1976
19760085087	France: Nuclear, missile, and space developments, GUO no. 411	1976
19760085088	Studies on metallic hydrogen	1976
19760085089	Effects on non-ionizing electromagnetic radiation	1976
19760085090	Special purpose hybride integrated circuits for instrument manufacture	1976
19760085091	USSR state standard on integrated microcircuits, packages, types and dimensions	1976
19760085092	Detection of echo signals from sea waves using shipboard radar	1976
19760085093	Computer processing of data from a differential scanning calorimeter	1976
19760085094	(GRAD) automatic shipboard data gathering system for marine geophysical research	1976
19760085095	Flameproofing textiles	1976
19760085096	Technology of separating hydrocarbon gases	1976
19760085098	Prospects of chemical and physicochemical treatment of waste water	1976
19760085099	Hygenic substantiation of comfortable microclimate indices for ship cabins with due consideration of acclimatization changes in seamen during cruises	1976
19760085100	Second expedition of the Salyut-4 orbital station: Some of the results and objectives of medical research	1976
19760085101	Characteristics of neuronal responses in successive elements of the auditory pathway to sonic signals changing as function of time	1976
19760085102	Selection and justification of criteria for evaluating the technical-economic efficiency of general-purpose electronic computers	1976
19760085103	The effectiveness of scientific research	1976
19760085104	France: Nuclear, missile and space developments	1976
19760085105	Superconducting delay line for picosecond pulses	1976
19760085106	Laser ranging of the Salyut-4	1976
19760085107	Remote sensing in ecological botany	1976
19760085108	Multiprocessor systems for automation of scientific investigations	1976
19760085111	Comparative economic study of modern long-haul cargo airships	1976
19760085112	Sheet metal forming involving the action of tensile and compressive forces	1976
19760085119	Substantiation of program of extensive control of turn maneuver	1976
19760085120	Determination of terrain point coordinates from television images	1976
19760085121	Study of a multimode integrated propulsion system in an advanced supersonic transport	1976
19760085124	Wind tunnel measurements of the effect of a rotor blade de-icing mat on the section characteristics, and an assessment of the influence on helicopter performance	1976
19760085125	Semi-automatic edgewise tape winding	1976
19760085126	An immersion technique for the detection of stress wave emission in carbon fibre reinforced plastic pressure vessels	1976
19760085127	Iterative design techniques for thick cambered wings in subcritical flow	1976
19760085128	Iterative calculation of flow past a thick cambered wing near the ground	1976
19760085129	Non-conical flow past slender wings with leading-edge vortex sheets	1976
19760085130	Measurements of buffeting on two 65 deg delta wings of different materials	1976
19760085132	A flight evaluation of a flexible substrate leading edge material for the protection of helicopter main rotor blades in natural icing conditions	1976
19760085133	Shock loading of one ton containers with ADUX (D1) and 60 ft. Mk 2 parachutes	1976
19760085136	Effects of damping on excitability of high-order modes, phases 1 and 2	1976
19760085139	Solid rocket booster cost per flight analysis	1976
19760085140	Evaluation of enzyme-catalyzed cleaning compounds for use at naval activities; GSA stock item and proprietary cleaning compounds	1976
19760085141	GEODSS experimental test system summary report: FY 1975	1976
19760085142	Subsystem design analysis report. Technology breadboard report. Volume 1: Integration and checkout phase	1976
19760085143	CCD MNOS IC development	1976
19760085146	Evaluation of potential propulsion systems for the experimental shallow water attack, medium craft (SWAM-X)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085147	B-1 hardness assurance guidelines	1976
19760085148	Low cost S-band transmitter for phased array radar	1976
19760085149	Attenuation of underwater sound of low frequencies	1976
19760085151	Ballistic performance and beyond armor data for rods impacting steel armor plates	1976
19760085152	Solid propellant gun interior ballistics annual report 1975	1976
19760085153	Wind tunnel experiments of the effect of near-wake combustion on the base drag of supersonic projectiles	1976
19760085158	Quarter-scale tests of strengthened glass muzzle closures	1976
19760085162	Reliability process report for XM-130 countermeasures dispenser system	1976
19760085164	Evaluation of potential S-3A flying qualities improvement program modifications	1976
19760085165	Analysis of the mixed company sphere-cone models	1976
19760085167	Investigation of the electrical breakdown characteristic of an explosive	1976
19760085168	Report on medical activities for the automated AFEES program	1976
19760085175	Mini one-man life raft	1976
19760085176	Stainless steel flake pigmented coating systems exposed to marine atmosphere	1976
19760085178	Evaluation of modified anti-laser goggles engineering development models (spectacle type), Dec. 1975 - Jan. 1976	1976
19760085179	First article testing of Echo box TS-311B/U	1976
19760085182	Innovative test of MC1-1B parachute with T-10 reserve	1976
19760085192	Procedures and requirements for cleaning and flushing steam turbine lubricating oil systems to achieve machinery reliability	1976
19760085195	Method of subschemes for a digital computer calculation of electronic circuits using a hybrid parameter matrix	1976
19760085196	Coordination of the characteristics of the aircraft and the engine (Chapter 3)	1976
19760085198	SPeM proof of principle experiment	1976
19760085202	Electro-optical vortex studies for large aircraft	1976
19760085204	Standardization of time domain reflectometers	1976
19760085205	Satellite communication central AN/TSC-89, fleet satellite communication system	1976
19760085214	Production assessment test report on relays, instrument relay, 10 to less than 20 amp, hermetically sealed, DPDT	1976
19760085216	Bonded grip cathode technology, phase 1	1976
19760085217	Structure and properties of semifinished products of aluminum alloys	1976
19760085218	Physical principles of the treatment of materials by laser beams, chapters 2 and 8	1976
19760085227	A comparison of tensile and compressive creep of Ti-6Al-2Cb-1Ta-0.8Mo alloy at room temperature	1976
19760085231	Joints for advanced composite structures: Selection of adhesives and discussion of methods to assess their marine durability	1976
19760085242	Production assessment test report on capacitors, fixed, ceramic, molded, lead mount, contractor hi-rel	1976
19760085259	Terrain constraints on the design, testing, and deployment of the GATOR mine	1976
19760085284	CEP test, uttas candidate seating configurations	1976
19760085285	Initial production test of camouflage screening system, lightweight, radar scattering, woodland	1976
19760085288	Structural Technology for Advanced Reentry systems (STAR) program. Asymmetric thermal stress analysis of axisymmetric solids with rectangularly orthotropic material properties	1976
19760085305	Radiation and thermally hardened switching materials	1976
19760085307	Air-breathing engines for supersonic multimode aircraft	1976
19760085311	The work of the seminar physics and chemistry of the treatment of materials with concentrated flows of energy	1976
19760085321	Test and evaluation of smoke reduction hardware and turbine side plates inspected in accordance with PPB 50 in TF30-P-6 engines	1976
19760085327	Scaling of the chain reaction HE/DF chemical laser	1976
19760085328	Operation of the Air Force Weapons Laboratory material response impact facility	1976
19760085329	In-flight evaluation of hand-held optically stabilized target acquisition devices	1976
19760085333	Improved azimuth and heading estimates using range and azimuth measurements	1976
19760085334	Evaluation of a pre-activated sealant self-sealing concept for protecting aircraft fuel tanks against small arms projectiles	1976
19760085337	Laboratory test of the flat plate accelerometer	1976
19760085357	User evaluation of air compressors, 750 CFM, commercial construction equipment	1976
19760085359	Development of a brassboard spark pumped dye laser	1976
19760085360	A study of polycrystalline halides for high power laser applications	1976
19760085363	Feasibility study for the development of required EMP simulation equipment to determine the EMP survivability of the seafarer system	1976
19760085366	Electromagnetic compatibility test report of the lateral controller unit - P/N255E300 for the AQM-34V	1976
19760085367	Electromagnetic compatibility test report of the programmer assembly, P/N 255E900-1 for the AQM-34V	1976
19760085373	AV-8A analysis: Power plant	1976
19760085374	AV-8A analysis: Fuel system	1976
19760085375	ECM/ECCM evaluation program. Volume 6. Large aperture adaptive array study	1976
19760085376	ECM/ECCM evaluation program. Volume 11. Phased array radar cost optimization study	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085379	Advanced gamma ray spectrometer	1976
19760085385	Airworthiness standards for civil aircraft to the USSR (NLGS): Appendices to chapter 8	1976
19760085386	Morphology of stray capacitances in integrated circuits made on MDP transistors	1976
19760085387	From the exhibition to the troops	1976
19760085393	Development test and evaluation of the FZU-34/B superquick sensor, supplement 2	1976
19760085396	Quarterly progress notes, 1 October to 31 December 1975	1976
19760085405	BQM-34A/E and MQM-74C sea drone retrieval procedures and pick-up devices for the CH-46D and UH-3A helicopters	1976
19760085407	Adaptive beamforming techniques for HF backscatter radar	1976
19760085414	A reentry environments velocity and flight-path angle/ (V-gamma) calculational methodology for general space vehicle applications	1976
19760085415	Single Integrated Damage Analysis Capability (SIDAC). Change 2	1976
19760085416	Computer simulation of the interior ballistics of the rocket assisted projectile motor	1976
19760085422	Flight fidelity evaluation of the A-4M operational flight trainer (device 2F108)	1976
19760085423	Manufacturing methods and technology for a four-stage thermoelectric cooler, volume 1 and volume 2	1976
19760085428	The effects of an aerodynamic environment on the laser penetration of painted metal alloys	1976
19760085429	Dual polarized spiraphase array measurement program	1976
19760085430	Evaluation of the effects on boiler operation of Halon 1301 fire extinguishing agent	1976
19760085441	Operational acceptance test of UNIVAC DCT-9000 autodin terminal mode 1. Test plan	1976
19760085444	Required operational capability for a family of high frequency radios	1976
19760085454	Simulated rough water operations during long cruises in a 2000-ton surface effect ship, phases 1 and 1A	1976
19760085456	Analysis of line sensor data. Volume 2. Software documentation	1976
19760085457	Review of mathematical models of air-to-ground target acquisition using TV and FLIR sensors	1976
19760085467	Multidirectional reinforced carbon-carbon composites for re-entry vehicle applications. Part 3: Preparation and post-test evaluation of carbon-carbon nose tip materials	1976
19760085468	Influence of propellant burning rate representation on gun environment flamespread and pressure wave predictions	1976
19760085476	RH-53D helicopter ground proximity warning system evaluation	1976
19760085478	Evaluation of the Magnetic Seal Corporation face seal assemblies for the A-4F/M sundstrand constant speed drive	1976
19760085479	Lucas aerospace 12 KVA constant speed drive/generator system for the AV-8A airplane, product improvement evaluation	1976
19760085480	Rocket accelerated RV model feasibility study	1976
19760085482	The effect of beta forging on the mechanical properties of Ti-6211 alloy	1976
19760085483	Experimental investigation of shock acceptance criteria for submarine piping systems	1976
19760085486	C-band solid-state power amplifier	1976
19760085491	Common aperture techniques for imaging Electro-optical Sensors (CATIES)	1976
19760085492	Human response to breathing hypoxic and hypercapnic mixtures	1976
19760085493	Prospects for the development of physiological Science in 1976-1980	1976
19760085494	Japan: Nuclear, missile, space, and defense developments. GUO no. 239	1976
19760085495	France: Nuclear, missile, and space developments, GUO no. 414	1976
19760085496	Basic-6 system as a general-purpose conversational processor	1976
19760085497	Line of sight radio relay link equipment	1976
19760085498	Spaceship simulator and ergonomics	1976
19760085499	Industrial vibrations and their control	1976
19760085500	Effects of non-ionizing electromagnetic radiation	1976
19760085501	Translations on Czechoslovakia, GUO no. 825	1976
19760085502	Translations on USSR resources (GUO 10/76)	1976
19760085503	Two Energy monitors for Q-switched Nd: Yag lasers	1976
19760085504	Effect of overheating on the fatigue strength and other mechanical properties of uncarburized S82 steel	1976
19760085520	Magma genesis by in situ melting within the lunar crust	1976
19760085528	Bone marrow condition under conditions of hypokinesia and weightlessness and under the influence of thyrocalcitonin (TCT)	1976
19760085529	Experimental and general theoretical investigations: State of Vascular regulation and regional hemodynamics in crew members of the Soyuz-12 and Soyuz-13 before and after flight	1976
19760085530	Biological compatibility of crew members in long-operating spacecraft and possible ways to solve the problem	1976
19760085531	Conditioning of water regenerated from wastes containing moisture	1976
19760085532	Model of a physiological heat regulation system	1976
19760085533	Investigation of the flight performance of pilots during simulation of motion sickness	1976
19760085534	Influence of hyperoxia on the indices of external respiration, cardiovascular system and gas composition of the blood	1976
19760085535	Some possibilities of evaluating the performance of ship operators	1976
19760085536	Investigation of the rate of reception of radiotelegraph singles by ear in the process of psychological screening of flight training candidates	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085537	Results of exposure of a mamalian cell culture aboard an artificial earth satellite	1976
19760085538	Effect of prolonged exposure to permanent and sign-variable magnetic fields of 1000 oe on mitotic activity	1976
19760085539	Reaction of fibroblasts of granulation tissue of regenerating skin to chronic hypoxia	1976
19760085540	Clinical-physiological investigations of flight personnel with first-stage hypertension	1976
19760085541	Possibility of carrying out prolonged water immersion by the dry submerge method	1976
19760085542	Effectiveness of use of Berushi antinoise inserts at airports	1976
19760085543	Continuation of discussion on genesis of the space from motion sickness	1976
19760085547	Dynamics of spin stabilized spacecraft during deployment of telescoping appendages	1976
19760085548	A new terminology for the Ethiopian volcanics, with special reference to transitional basaltic and intermediate lavas and dikes	1976
19760085549	Lunar petrogenesis in a well-stirred magma ocean	1976
19760085553	Dynamics of spin stabilized spacecraft during deployment of telescoping appendages	1976
19760085560	EMP susceptibility of semiconductor components, addendum	1976
19760085561	High-power transistor combining networks	1976
19760085569	Detection of a signal on a background of a mixture of noise and reverberation interferences	1976
19760085570	Reflection of a plane sonic wave from an electrically loaded piezolayer	1976
19760085571	M-7000 ASVT-M control computer complex	1976
19760085573	Operation and maintenance instructions for the skycatch mark II/C-4 recovery system	1976
19760085574	Shipboard recovery considerations for fixed wing remotely piloted vehicle design	1976
19760085585	Experimental piping and conduit installations on the Navy fuel department pier, Point Molate, Calif.	1976
19760085586	Conic model CTM-404C, FM telemetry transmitter spectrum utilization characteristics	1976
19760085587	Manufacturing methods and technology (MM/T) Laser Guidance Designators (LGD)	1976
19760085589	Follow-on operational test and evaluation of NAVMACS A (Naval Modular Automated Communications System A)	1976
19760085590	Cascaded thermoelectric cooling devices utilizing the distributed Peltier effect	1976
19760085592	Low-bulk one-man life raft	1976
19760085601	Present prospects and state-of-the art of direct energy conversion	1976
19760085606	An investigation of external burning propulsion for missile applications	1976
19760085607	Development of graded PG/SIC coatings for rocket nozzles	1976
19760085610	Design and structure of SEEK BUS/user system PDP-8/E translator software	1976
19760085611	SEU-3/A ejection seat: Evaluation of the effects of inadvertent LR-1 life raft inflation	1976
19760085612	Investigation of overtemperature condition with T-2C starter-generator during engine cleaning	1976
19760085613	Special testing of general purpose electronic test equipment Hewlett Packard 8640B and Singer FM-2748A	1976
19760085614	Feasibility of enzyme electrodes for oil-content monitoring	1976
19760085615	Use of the NAVSTAR global positioning system to update the inertial navigation system of carrier based aircraft	1976
19760085618	Optical performance of infrared missile domes traveling at high velocities	1976
19760085619	Hydrazine manufacturing processes	1976
19760085620	Direct Digital Modulation Converter (DDMC) operating manual	1976
19760085623	Environmental vibration survey of AN/ALQ-151 ADRF antenna and ECOM AN/TLQ-27 antenna mounted on tail boom of UH-1H aircraft	1976
19760085624	Computer program (NOLAST) for non-linear analysis of composite laminates	1976
19760085627	Space communications	1976
19760085629	Manpower planning handbook. Volume 3: NaCommSta receiver site	1976
19760085630	Engineering development model, AN/GVS-5 hand-held laser rangefinder, 2 December 1975	1976
19760085634	Air Force Weapons Laboratory computational requirements for 1976 - 1980	1976
19760085635	X-1 evaluation	1976
19760085638	Hybrid microcircuit in-process qualification	1976
19760085640	The properties of cathode sputtered SiO2 layers used in the passivation of semiconductor devices	1976
19760085641	Circuits of electronic computational technology (selected portions)	1976
19760085642	Technical base ASGS (ASGS - automated system of state statistics)	1976
19760085643	Studies of the disconnecting capability of an elegas autopneumatic arc-quenching device	1976
19760085644	Problems in technical electrodynamics (selected articles)	1976
19760085645	Some questions of an increase in the freedom from interference of radio engineering devices (selected articles)	1976
19760085646	KC-135A reengine study	1976
19760085647	KC-135 reengine study (CFM56 cost data)	1976
19760085653	Reclassification of Minuteman computer disks by polarization	1976
19760085654	The computer: A staff officer's guide	1976
19760085655	Development test 2 of ground-mounted antenna for AN/TSC-85	1976
19760085656	The BRL photoionization code XSECT	1976
19760085658	Hard preprocessor study	1976
19760085659	Pumps and local oscillators	1976
19760085660	Evaluation of a A-7E airplane instrument panel shock and vibration loads	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085661	Downwash evaluation under the US Army heavy lift helicopter rotor	1976
19760085663	Customer test of AN/MPQ-4A generator trailer for external air transport procedures	1976
19760085665	Operational test 2 of radio set, AN/PRC-70	1976
19760085666	Development Test 2 (DT 2) of absolute altimeter AN/APN-209(V)	1976
19760085668	AN/TAS-5 (Dragon) night vision sight operational test 1A follow-on evaluation	1976
19760085669	HF, high power, directional rotary-wing aircraft antenna	1976
19760085672	Investigation of semiconductor testing methods, instruments, and requirements	1976
19760085675	DART-2: A Monte Carlo code for high altitude transport of gamma rays and X-rays	1976
19760085680	Comparison of parachute performance at transonic Mach numbers for conical ribbon parachutes constructed of nylon and Kevlar-29 materials	1976
19760085681	Recovery facilities of aircrew, part 1	1976
19760085682	Molecular entrapment gas storage	1976
19760085683	The thermal state of man during the use of various electrically heated garments	1976
19760085685	Considerations on radial velocities obtained from radio-optical observations of artificial satellites	1976
19760085695	The NSWCDL shock tube for dynamic pressure calibration	1976
19760085697	B-52G/VPD external coupling experiment. Volume 1: Analysis	1976
19760085698	B-52G/VPD external couplings emergency. Volume 2, Part 1: Appendixes A through D	1976
19760085699	B-52G/VPD external coupling experiment. Volume 2, Part 2: Appendixes E through H	1976
19760085700	Propellant plant pollution abatement establishment of methods for removal of nitrates from munition plant waste water	1976
19760085702	Sam-D engineering development summary report, volume 1	1976
19760085705	Direct Digital Modulation Converter (DDMC)	1976
19760085720	Single modular interceptor reaction control computer program. Volume 1: User's manual	1976
19760085721	Single modular interceptor reaction control computer program. Volume 2: Maintenance manual. Book 1: Sections	1976
19760085722	Single modular interceptor reaction control program. Volume 2: Maintenance manual. Book 2: Sections 6 and 7, appendixes A through C	1976
19760085723	Test and evaluation of minemitter in MQM-74C (U)	1976
19760085735	Northern air surveillance study. Volume 1: Executive summary (U)	1976
19760085736	Camouflage development for AN/TPQ-37 MALOR system (U)	1976
19760085739	Air launch tests of Mk-84 MACRO chaff rocket heads (U)	1976
19760085746	Fluidic hot gas control system conceptual study interim report (U)	1976
19760085747	Single modular interceptor reaction control computer program. Volume 3 appendixes A through D (U)	1976
19760085748	Common aperture multispectrum seeker cams (U)	1976
19760085749	The checkmate horseshoe (U)	1976
19760085751	Infrared imaging seeker development (U)	1976
19760085756	Concept evaluation of improved Hawk mobility program (U)	1976
19760085759	Attack helicopter-clear night defense. Phase 2B: USACDEC experiment 43.7. Volume 6, supplement 1: Data package (U)	1976
19760085763	LAMPS Mk-3 H-2/SR system test report (U)	1976
19760085764	AIM-7F DSU-16/B (active fuze) Navy technical evaluation (U)	1976
19760085766	Preliminary flight rating test of the F107-WR-100 turbofan engine (U)	1976
19760085767	Navy technical evaluation of the S-3A aircraft systems and equipments in a simulated systems and equipments in a simulated aircraft carrier flight deck electromagnetic environment (U)	1976
19760085768	LSI AN/ARN-101 navigation and weapon delivery system, supplement 1 (U)	1976
19760085769	Cathode driven CFA (U)	1976
19760085772	Ground launch test of MK-16 and MK-4 rockets with ADR-8A chaff warheads (U)	1976
19760085776	LATAR evaluation (Laser Augmented Target Acquisition/Recognition), phase 1 (U)	1976
19760085778	Selective Effects Armament Subsystem (SEAS) Cost and Operational Effectiveness Analysis (COEA). Volume 1, part 1: Executive summary (U)	1976
19760085782	Calculation of aircraft radar cross section. Volume 3: OH-6A helicopter computations (U)	1976
19760085783	Review of beam quality of the Navy tri-service laser (U)	1976
19760085785	Variable cycle engine selection program. Phase 1, volume 2: Missions performance requirements and fixed cycle engine aircraft characteristics (U)	1976
19760085788	Operational evaluation of the A-6E E2.0 operational flight program (U)	1976
19760085789	Minimum Essential Emergency Communications Network (MEECN) security procedures and classification guide (U)	1976
19760085791	Quick-look report on CONDOR OPEVAL phase 2 (U)	1976
19760085793	D2 range processor test program (U)	1976
19760085794	Air-to-air/air-to-ground laser techniques study and gunship tracking experiment using random scene motion sensor (U)	1976
19760085795	Advanced remotely piloted vehicle system/subsystem summary report. Appendix D. Life cycle cost (U)	1976
19760085800	Quarterly compilation of abstract on completed test, experimental, and development TED projects (U)	1976
19760085802	Subsystem design analysis report for lightweight alternator (DC load case) (U)	1976
19760085804	Provisional vulnerable areas of candidate ASH aircraft (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085808	Fluidic hot gas control system conceptual study (U)	1976
19760085810	Design of aircraft for low RCS engine cavities, phase 2 (U)	1976
19760085811	The special task force for AAH/ASH/hellfire test Integration TECOM (U)	1976
19760085812	Broadband passive RF seeker: Modification, test, and evaluation (U)	1976
19760085814	Infrared imaging seeker (IRIS) (U)	1976
19760085815	AN/AAD-5 six-channel modification (U)	1976
19760085817	Surface attack guided missile system M47 operational test IIIA, DRAGON OT IIIA (U)	1976
19760085819	Preliminary performance analysis of the dual mode laser/IR seeker concept (U)	1976
19760085821	DF laser diagnostics (JAN propagation program) (U)	1976
19760085822	Effects of tactical smoke aerosols on selected optical, laser semi-active, imaging and line-of-sight data links (U)	1976
19760085825	Evaluation of contrast-reduction techniques (U)	1976
19760085827	Laboratory evaluation of a radar modulation recovery unit for ESM applications (U)	1976
19760085829	Experimental roll-damping, magnus, and static-stability characteristics of an air slew missile configuration at high angles of attack (0 to 90 deg) and Mach numbers 0.4 through 2.5 (U)	1976
19760085830	Joint service test of laser-guided weapons in close air support phase 2 test report. Volume 3: USN/USMC adjunctive test (U)	1976
19760085831	Operational evaluation of the A-6E TRAM system (U)	1976
19760085834	Demonstration of upgraded HTPB propellants (U)	1976
19760085836	The 20mm VEER development program (U)	1976
19760085837	High energy, high burning rate NF propellant development, phase 1 (U)	1976
19760085843	Vulnerability of Fishbed-J aircraft fuselage fuel tankage to selected aerial cannon ammunitions (U)	1976
19760085844	Aerodynamic loads and separation characteristics of an advanced maneuvering air-to-air missile in the flow field of the F-15 aircraft at transonic speeds (U)	1976
19760085845	Adaptive programmable signal processor study, volume 2 (U)	1976
19760085846	A study of antenna performance measurement techniques for MALOR requirements (U)	1976
19760085848	Target discrimination with an infrared reticle seeker (U)	1976
19760085849	Combined radar: Electro/optic sensor (U)	1976
19760085850	Infrared effectiveness of tactical screening smokes (U)	1976
19760085851	Improved hawk survivability study (U)	1976
19760085852	Radar vulnerability reduction: Evaluation of XP-polymer material for antenna radomes (U)	1976
19760085853	Automatic height correction technique for use with weapon location radars (U)	1976
19760085854	Adaptive multilevel sidelobe canceller (U)	1976
19760085855	Development of improved data processing methods (U)	1976
19760085856	Feasibility demonstration of the tri-mode Air-to-Ground Missile (AGM) seeker (U)	1976
19760085857	FOT and E of F-4E digital scan converter, phase 1 (U)	1976
19760085863	Long range optical system study, Part 1 (U)	1976
19760085868	Alternate discrimination concepts evaluation. Volume 1: Executive summary (U)	1976
19760085869	Optical Discrimination Evaluation (ODE) (U)	1976
19760085877	TD and E of helicopter/fighter evasive maneuvers (U)	1976
19760085888	Engineering design of inlaw. Volume 1: Technical description (U)	1976
19760085889	AIM-9L initial operational test and evaluation (U)	1976
19760085890	Optical countermeasures handbook. Volume 1. Principles of optical countermeasures (U)	1976
19760085894	Tri-command tactical radar warning receiver handbook (U)	1976
19760085898	Radar techniques program (U)	1976
19760085900	New Exoatmospheric Designation and Discrimination techniques (NEDD) (U)	1976
19760085902	Minuteman flight analysis report. Volume 1: Basic performance. LGM-30F operational test phase 2 program. Launch no. 26. FTM 2444, Glory Trip 124M. WS-133AM (U)	1976
19760085903	Tactical command, control and communications program (U)	1976
19760085906	Radar area correlation concept evaluation and definition. Modified azimuth radar correlation sensor concept for re-entry vehicles, phase 1 (U)	1976
19760085912	Strategic technology (U)	1976
19760085913	Flight test demonstration of the Simplified High Accuracy Guidance (SHAG) air-to-air missile concept, part 1 (U)	1976
19760085915	Optical target reduction (U)	1976
19760085918	Optical countermeasures handbook. Volume 2: Optical countermeasure investigations (U)	1976
19760085920	ARPA/TTO program HOWLS (U)	1976
19760085924	Multichannel oscillographing of the process of deformation of structures under the effect of a shock wave	1976
19760085925	Construction of a mathematical model of a sea swell	1976
19760085926	Test and operational efficiency of the PDS-21 and PDS-7 vibration resistant piezoelectric pressure transducers	1976
19760085927	Device for measuring the signal to noise ratio of highly stable self-excited oscillators	1976
19760085928	Computers and perforated media equipment	1976
19760085929	Current trends in molecular genetics: Genetic engineering	1976
19760085930	Contemporary accelerators and trends in their development	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760085931	Tasks of oceanographic research	1976
19760085932	Feasibility of low-temperature synthesis of mullite	1976
19760085933	Producing large ingots of high-nitrided steels by the consumable plasmatron remelting method	1976
19760085934	Occupational prognosis and postmyocardial-infarction survival of individuals engaged in mental labor	1976
19760085935	Investigation of atmospheric turbulence spectra over the sea at the Caspian above-water station	1976
19760085936	Multipurpose statistical analysis of random signals	1976
19760085937	Meteorology and Hydrology No. 6, 1976	1976
19760085938	Theory and practice of the development and introduction of automated enterprise management systems	1976
19760085939	Japan: Nuclear, missile, space, and defense developments, GUO no. 240	1976
19760085970	Titan II Reliability and Aging Surveillance Program (RASP).	1976
19760085971	Titan II Extended Life Evaluation Program (TELEP)	1976
19760085983	Development of 1.06-micron sensitive wafer tube	1976
19760085984	X-band transistor source	1976
19760085990	Low power 193 K and 170 K thermoelectric coolers	1976
19760085993	Model GTCP165-1 APU (product support program)	1976
19760085994	Prototype Laser Aided Imager, January 1976	1976
19760085996	Theoretical hazard evaluation of the photo-optic feasibility study lasers, December 1975 - January 1976	1976
19760085997	Operational test 2 of radio teletypewriter set, AN/GRC-122 (V)2	1976
19760086003	Technical feasibility of suppressive shields for improved Hawk launch sites	1976
19760086004	N-hydroxypyrrrole derivatives as potential antimalarials	1976
19760086005	External airlift evaluation of XM880 truck, cargo, 1-1/4-ton	1976
19760086007	Independent evaluation report of modular collective protection equipment (RCS ATCD-8)	1976
19760086008	Oceanographic systems program	1976
19760086009	Test and evaluation of the ID-1791A/A gyro indicator in the A-6e airplane	1976
19760086011	MRT-1 15 foot parabolic antenna group (seek shield)	1976
19760086012	CSEL frequency converters	1976
19760086013	Airblast calculations for advanced missile system (MX) support	1976
19760086014	Elastomers for service as seals for engine lubricants and hydraulic fields	1976
19760086015	Quasi-static compression stress-strain curves. 2: Results for 7039 aluminum	1976
19760086016	Hydrogen fueled navy forces: Systems analysis and costs	1976
19760086018	Quasi-static tensile stress-strain curves. 1: 2024-T3510 aluminum alloy	1976
19760086022	SIGANAL: A modular signal analysis program	1976
19760086023	Metal-nitride-oxide-semiconductor memory on insulating substrates, part 3	1976
19760086026	System and mass storage study for Defense Mapping Agency Aerospace Center (DMAAC)	1976
19760086027	Test data for comparative evaluation of three visual distress signals	1976
19760086028	Stress wave response of a porous carbon-carbon nosetip material	1976
19760086030	General purpose shipping/storage containers	1976
19760086031	Comparative aircrew flashlight IOT and E	1976
19760086033	Rapid escape release system	1976
19760086036	Circular spline coupling standardization for aircraft engine driven accessories	1976
19760086037	Demise of the Air Force in-house basic research laboratories	1976
19760086038	An experimental evaluation of BIF Universal Venturi Tube	1976
19760086042	Characteristics of data radios	1976
19760086057	Laser radar cross section analyses	1976
19760086061	Navy communications	1976
19760086063	Computer program for drawing finite element grids	1976
19760086064	RAT: A Rotation And Translation code for adjusting the combinatorial geometry parameters of a rigid body undergoing a general displacement	1976
19760086065	CSEL bit error rate counters	1976
19760086066	Office of Naval Research Operational Decision Aids (ODA) program. ODA data base	1976
19760086069	Development of a test method to conduct EMI evaluations on solid state DC voltage regulators	1976
19760086070	Telemetry system parameters and bit error performance of NRZ and DM PCM/FM	1976
19760086072	Evaluation of 501 amplifiers	1976
19760086075	Liquid-crystal large-screen display	1976
19760086080	Product support program - air turbine starters air control valves	1976
19760086088	TAV-8A(SP) aircraft performance	1976
19760086089	TAV-8A air conditioning systems performance analysis	1976
19760086090	TAV-8A electric capabilities summmary report with mod 580 (12 KVA generator) incorporated	1976
19760086091	TAV-8A- cockpit systems	1976
19760086092	TAV-8A analysis - power plant	1976
19760086093	TAV-8A hydraulic power systems configuration analysis	1976
19760086094	Post mod 800 TAV-8A Harrier avionics system description	1976
19760086095	TAV-8A environmental control system analysis and description	1976
19760086096	TAV-8A harrier armament characteristics	1976
19760086097	TAV-8A analysis - fuel system	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086098	Actual weight and balance report for TAV-8A NAVAIR serial number 159380	1976
19760086099	Vacuum systems of electrophysical arrangements	1976
19760086103	Mechanical properties of Astralloy-V forged shaft	1976
19760086107	Breadboard design of a subliming solid gas generator	1976
19760086115	Model S-3A airplane mistrimmed approach and Bolter/wave-off controllability characteristics	1976
19760086125	TV bomb scoring system FOT and E	1976
19760086126	First determination of a terrestrial long baseline using lunar laser ranging and location of the Lunakhod 1 reflector	1976
19760086127	Special testing of general purpose electronic test equipment: Hewlett Packard model 1601L logic analyzer	1976
19760086129	Chemiluminescent night target marker feasibility program	1976
19760086130	Use of rhombic antennas for base station intercept of long range radiotelegraphy transmissions	1976
19760086131	Development test 3 (product validation-government) of electromagnetic interference and radio suppression test of tank, 105 mm gun, M48A5.	1976
19760086133	Dome Antenna. Phase 4: Dome probe measurements	1976
19760086140	An investigation into the cause of the observed drag anomaly of the practice bomb MARK 76 MOD 5 with lug	1976
19760086141	A survey of wear-reducing additives and of the mechanisms proposed to explain their wear-reducing action	1976
19760086142	Temperature stable electroacoustic materials	1976
19760086143	V/STOL aircraft impinging gas flows	1976
19760086144	Effect of Mach number temperature and pressure on nozzle downstream flowfield	1976
19760086146	Subsystem design analysis report; technology breadboard report. Volume 2: Low power testing phase	1976
19760086147	The application of inverse Raman spectroscopy to chemical decomposition in energetic systems	1976
19760086148	Model study of the effectiveness of applying the minimization method in the interpretation of gravity anomalies	1976
19760086149	Some peculiarities and results of using integral relations for determining the centers of mass gravitating objects with the aid of a computer	1976
19760086150	Characteristics of thermoregulation in man	1976
19760086153	Proceedings of the Electro-Optical Symposium	1976
19760086155	Laser velocimeter	1976
19760086156	Holographic detection of surface corrosion	1976
19760086157	The transmission of polarized light through a germanium flat at 10.6 micrometers	1976
19760086159	Summary of NAPTC development testing of the Pratt and Whitney Aircraft TF -30-P-412A turbofan engine	1976
19760086161	Time integrated neutron, prompt and secondary photon dose evaluations using the ATR code for an air-over-ground geometry	1976
19760086162	Electromagnetic compatibility measurements at Hanchey Army Heliport, Fort Rucker, Alabama	1976
19760086164	Laser ignition of titanium	1976
19760086165	Investigation of titanium combustion characteristics and suppression techniques	1976
19760086166	Altitude demonstration of the AVCO-Lycoming ALF 502 turbofan engine configured for the Compass Cope application	1976
19760086167	Model A-7E In-flight Engine Condition Monitoring System (IECMS) production prototype tests	1976
19760086168	Proceedings of the Electro-optical/Meteorology Meeting	1976
19760086171	Experimental study of a helical CO2: TEA laser with gas recirculation	1976
19760086172	Ground Surveillance Radar (GSR) helicopter detection test (AN/PPS-5 detection experiment)	1976
19760086173	AN/SPN-42 certification at NAS Cecil Field	1976
19760086174	Receiver design for one micron laser radar receiver	1976
19760086175	X-band radar TWT	1976
19760086181	Flight test evaluation and calibration of AIMS airborne ATRBS equipment for the F-8H/J airplane	1976
19760086187	Aequare flight test	1976
19760086190	ACLS certification of the USS Ranger CV-61	1976
19760086194	Application of operational pilot selection criteria	1976
19760086195	Some seismic features of isostatically compensated models of the earth crust	1976
19760086196	The isostatic condition of the Earth's crust of the Laptev, East Siberian, and Chuckchee Seas	1976
19760086197	Utilization of geodetic results and methods in geoscience and space research	1976
19760086198	Scientific bases and problems of processing geodetic nets	1976
19760086199	Aeronautical analytical rework program: Feasibility evaluation of plastic fiber optics system for maintenance inspection of aircraft structure	1976
19760086200	Evaluation of the 44B-2E aircraft arresting system with deadloads and the F-14 aircraft	1976
19760086201	Performance of the dual BAK-12 aircraft arresting system with modular hardware with deadloads and aircraft	1976
19760086202	Development of ion-engraving techniques for integrated circuits	1976
19760086204	Hybrid microcircuit in-process qualification	1976
19760086207	Comparison testing of synthetic fiber lines versus manilla lines	1976
19760086208	Standardization of solid-state replacements for gas rectifier tubes 3B28 and 4B32	1976
19760086217	H-3 helicopter generator vibration survey	1976
19760086218	A laboratory model 1.5-kW lithium-sea-water electrochemical power source for underwater application	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086219	Heat transfer investigation of pyrotechnically activated lithiumchlorine cells	1976
19760086224	Physiological evaluation of an experimental porometric waterproof fabric in temperate and hot conditions	1976
19760086231	Background measurements program	1976
19760086237	A compilation of static stability and fin loads data for slender body missile models with and without tail fins and wings, volume 1	1976
19760086238	A compilation of static stability and fin loads data for slender body missile models with and without tail fins and wings. Volume 2: Appendixes A through E, tests number 1 through 5	1976
19760086239	A compilation of static stability and fin loads data for slender body missile models with and without tail fins and wings. Volume 3, appendix F, test number 6	1976
19760086240	A compilation of static stability and fin loads data for slender body missile models with and without tail fins and wings. Volume 4, Appendix G, test number 7, parts 2 through 105	1976
19760086241	A compilation of static stability and fin loads for slender body missile models with and without tail fins and wings. Volume 5, appendix G test number 7, parts 106 through 175	1976
19760086249	Optevfor tactics guide number 76-3. Suggested S-3A and P-3C MAD compensation management program and procedures	1976
19760086256	BMDATC advanced research center, volume 1	1976
19760086257	Analysis of communications systems. Volume 1: Assessment methodology	1976
19760086258	Analysis of communication systems. Volume 2: Appendixes A, B, and C	1976
19760086259	Air Force global weather central system architecture study. Final system/subsystem summary report. Volume 1: Executive summary	1976
19760086260	Air Force global weather central system architecture study. Final system/subsystem summary report. Volume 4: Systems analysis and trade studies	1976
19760086262	Air Force global weather central architecture study. Final system/subsystem summary report. Volume 6: Aerospace ground equipment plan	1976
19760086265	Air force global weather central system architecture study. Final system/subsystem summary report. Volume 2: Requirements compilation and analysis. Part 1: User and model requirements	1976
19760086267	Aerodynamic loads and separation trajectory tests on the 370-gal fuel tank, AIM-9J missile, AGM-65A missile, and B-57 bomb with the F-16 aircraft at Mach numbers from 0.5 to 1.3 (U)	1976
19760086268	Simulation of a pulse processor model to be used in an antiradiation missile simulation (U)	1976
19760086270	Solid fuel ramjet combustor investigation (U)	1976
19760086272	A new class of propellants: Solution monopropellant. Part 1: What is a solution monopropellant (U)	1976
19760086274	A new class of propellants: Solution monopropellants. Part 2: The solution monopropellant as a rocket fuel (U)	1976
19760086275	A new class of propellants: Solution monopropellants. Part 3: Spectral characteristics (U)	1976
19760086277	The influence of external stores on the aerodynamic characteristics of a super-critical airfoil (U)	1976
19760086282	Investigation of missile carriage and launch effects on performance (U)	1976
19760086285	Portable CO2 laser beacon (U)	1976
19760086286	Adaptive beamport sidelobe canceller (U)	1976
19760086287	Electronically steerable antenna system pattern measurements (U)	1976
19760086289	Transport aircraft combat damage incident analysis (U)	1976
19760086290	Methane chemical ionization (CI) mass spectrometry (MS) 1. Comparison with electron impact (EI)/MS for identification of G-agents and VX (U)	1976
19760086292	Proposed draft of an aircraft vulnerability handbook. Volume 1: Projectile data (U)	1976
19760086293	Low cost/optimized performance inlets. Volume 1, Phase 1: Trade studies and detail design (U)	1976
19760086296	Tomahawk cruise missile (BGM-109) validation phase (U)	1976
19760086306	HEMP hardness assessment of 16 CONUS/Canada AECO AUTOVON switch centers (U)	1976
19760086315	EF-111A tactical jamming system (U)	1976
19760086316	Snow and cloud erosion phenomenology test of ATJ-S graphite in the hyperballistic range (U)	1976
19760086319	Modified Azimuth Radar Correlator (MARC) phase 2 (U)	1976
19760086321	TD and E of COMSEC procedures, phase 1 (U)	1976
19760086322	F-105 combat damage incident analysis (U)	1976
19760086323	Mark 12 IFF system evaluation in fleetex 1-76 (U)	1976
19760086326	PGRV system design study: Tradeoff, parametric studies and analysis leading to SDR. Volume 1, Book 4: Flight test vehicle studies (U)	1976
19760086327	PGRV system design study: Tradeoff, parametric studies and analysis leading to SDR. Volume 1, Book 5: Flight test planning (U)	1976
19760086328	PGRV system design study: Tradeoff, parametric studies and analysis leading to SDR. Volume 1, Book 6: Navigation and Guidance (U)	1976
19760086329	PGRV system design study: Tradeoff, parametric studies and analysis leading to SDR. Volume 1, Book 7: Specifications (U)	1976
19760086331	PGRV system design study: Ground test plan, volume 3 (U)	1976
19760086334	Vulnerability assessment for AN/APX-72 KX/12 identification friend/foe system. Volume 1: Vulnerability assessment summary (U)	1976
19760086335	Vulnerability assessment for AN/APX-72 MKX/12 identification friend/foe system. Volume 3: Analysis data (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086336	Vulnerability assessment for AN/APX-72 MKX/12 identification friend/foe system. Volume 4: Test report (U)	1976
19760086337	Vulnerability assessment for AN/ARA-50 UHF automatic direction finder. Volume 1. Vulnerability assessment summary (U)	1976
19760086338	Vulnerability assessment for AN/ARA-50 UHF automatic direction finder. Volume 3. Analysis data (U)	1976
19760086339	Vulnerability assessment for AN/ARC-89(V) airborne communications system. Volume 1. Vulnerability assessment summary (U)	1976
19760086340	Vulnerability assessment for AN/ARC-89(V) airborne communications system. Volume 3. Analysis data (U)	1976
19760086342	Advanced controllers for precision beam pointing (U)	1976
19760086343	Aircraft vulnerability assessment (U)	1976
19760086347	Pacific VP-ASW mission requirements for multisensor signal processing (U)	1976
19760086355	ESP-3: An engagement simulation program. Volume 1: Model theory (U)	1976
19760086356	Helicopter/fighter evasive maneuvers F-4/H-53 combined OT and E (U)	1976
19760086360	Factors which bear on the strategic capability of aircraft (U)	1976
19760086361	Combat Talon ECM procedures, tactics, and techniques (U)	1976
19760086363	Plume interference program (U)	1976
19760086366	A wind tunnel investigation of the effects of flap span and deflection angle, wing planform and a body on the high-lift performance of a 28 degree swept wing	1976
19760086367	The development and testing of air intake filtration systems for naval gas turbines	1976
19760086370	Quarterly Progress Report, July, August, and September 1976	1976
19760086401	Self-contained Doppler equipment and systems of the navigation of flight vehicles, part 3	1976
19760086402	Self-contained Doppler equipment and systems of the navigation of flight vehicles, part 2	1976
19760086403	Self-contained doppler equipment and systems of the navigation of flight vehicles, part 1	1976
19760086411	Determining cause of M7 sequential timer defects	1976
19760086417	Laser Digest, Fall 1975	1976
19760086418	The F-111D simulator can reduce cost and improve aircrew evaluation	1976
19760086420	Advanced accelerometer test techniques	1976
19760086421	Replacement of Photographic Imagery Equipment (RPIE)	1976
19760086422	Investigation of luminol and collection tape components and the effects of airborne interferents on the XM19 detector	1976
19760086423	First article acceptance test report for the fence disturbance sensor manufactured by Fourdee, Incorporated	1976
19760086424	F-15/F-16 composite wing concept	1976
19760086425	SAM-D engineering development summary report, volume 1	1976
19760086426	Modular digital missile guidance, phase 2	1976
19760086427	Flight test of the USS ranger Automatic Carrier Landing System (ACLS) for recertification	1976
19760086428	Investigation of A-7 aircraft automatic flight control system rate gyro problems and modifications	1976
19760086429	A systematic approach to automated weather support for the SAC bomber fleet	1976
19760086430	Analysis of the USAF worldwide aircraft delivery system	1976
19760086431	USAF employment of the advanced tanker/cargo aircraft	1976
19760086432	The KC-135A tanker development, fleet history, and future capabilities	1976
19760086433	S-3A test instrumentation removal and installation	1976
19760086439	Static aerodynamic characteristics of a series of generalized slender bodies with and without fins at Mach numbers from 0.6 to 3.0 and angles of attack from 0 to 180 degrees, volume 2	1976
19760086440	Static aerodynamic characteristics of a series of generalized slender bodies with and without fins at Mach numbers from 0.6 to 3.0 and angles of attack from 0 to 180 deg, volume 1	1976
19760086441	Field water detection system	1976
19760086444	Development test 2 (engineering phase) of Simplified Test Equipment for Internal Combustion Engine Powered Material (STE/ICEPM, addendum)	1976
19760086445	Special testing of general purpose electronic test equipment Hewlett Packard wave analyzer model 3581A	1976
19760086446	Special testing of general purpose electronic test equipment: John Fluke multimeter model 8000 A/BU	1976
19760086448	Classification of codes for phase and amplitude modulated signals in four dimensional base space	1976
19760086452	Analysis of periodically switched linear circuits	1976
19760086453	Complexity and catastrophe: Applications of dynamic system theory	1976
19760086465	Development test 3 of night vision goggles, AN/PVS-5, under Arctic winter conditions	1976
19760086466	Development test 2 (PQT-G) of night vision sight, individual served weapons, AN/PVS-4	1976
19760086467	Development test (DT II) PQC) of night vision sights. individual served weapons, AN/PVS-4 and crew served weapons, AN/TVS-5	1976
19760086468	Development test 2 of night vision sight, crew-served weapons. AN/TVS-5	1976
19760086469	Development test II (service phase - tropic) of night vision sight, crew served weapons AN/TVS-52, (second generation)	1976
19760086474	Test results facility requalification: Motor 41A26-0003 failure cause verification program test no. 8A and 8B, leak rate comparison test	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086475	Supersonic continuous wave carbon monoxide laser development, phase 1. Volume 1, part 1: CO laser kinetics code	1976
19760086476	Supersonic continuous wave carbon monoxide laser development, phase 1. Volume 2: Laser analysis	1976
19760086477	Supersonic continuous wave carbon monoxide laser development, phase 1. Volume 3: Hardware and technology issues. Part 1: Sections 1 through 4	1976
19760086478	Supersonic continuous wave carbon monoxide laser development, phase 1. Volume 3: Hardware and technology issues. Part 2: Section 5 and appendixes A, B, and C	1976
19760086479	Supersonic continuous wave carbon monoxide laser development, phase 1. Volume 4: Rates and cross sections	1976
19760086480	Effects of G loading on aircraft vulnerability. A user's guide to structural residual determinations	1976
19760086483	RF-4C Digital Signal Transfer Unit Multisensor Display System (DSTUMDS)	1976
19760086484	A correction to intervisibility models for earth curvature	1976
19760086485	The biological effect of ultraviolet radiation	1976
19760086487	Preliminary theoretical hazard evaluation of the Engineering Development model (ed) of the Multiple integrated laser engagement simulator (MILES), January - February 1976	1976
19760086488	Management techniques best suited for computer software development personnel	1976
19760086490	First article test report of the 255G001 programmer/lateral controller test set aerospace ground equipment for the AQM-34V	1976
19760086491	Integrated test plan for the recovery, assist, secure and traverse system (RAST) at the Naval Air Test Facility, Lakehurst, NJ	1976
19760086493	Operational evaluation of the Mk-14 aircraft arresting system	1976
19760086494	Mark 14 arresting gear shipboard weight and space requirements	1976
19760086495	Electromagnetic compatibility test report of the programmer/lateral controller test set (aerospace ground equipment P/N 255G001-1) for the AQM-34V	1976
19760086505	Operational test II of the aerial radiac system AN/ADR-6	1976
19760086508	Resistance of electrical ceramic materials to radiation and corrosion	1976
19760086509	The rod-over-ground-plane code, TEDIEM-PC	1976
19760086511	Hardened base antenna program, volume 1	1976
19760086512	Measurements of X-band clutter statistics with amplitude-calibrated radar. Supplement 1: Digitization of calibrated X-band radar clutter data	1976
19760086513	Heat-transfer tests of a simulated AFFDL/MDAC radome with film cooling at Mach number 6	1976
19760086516	Modification and evaluation of HONDO: A dynamic, axisymmetric, finite element code	1976
19760086518	Advanced electron device technology	1976
19760086519	Investigation of effects of power line impedance on filter insertion loss measurements	1976
19760086521	Applications of magnetostrictives materials with rare earth additives to under water transducers and other devices	1976
19760086522	Vertical line array DIFAR. Volume 2: Test plans	1976
19760086523	Inshore Remote Acoustic Surveillance Sensor (IRASS)	1976
19760086526	Electromagnetic compatibility measurements at Cairns Army Airfield/Heliport, Fort Rucker, Alabama	1976
19760086527	Open-loop testing of interim hybrid/IRSS simulation system	1976
19760086539	A rule for the establishment of noise dispersion at the output of a matched linear filter	1976
19760086543	The effects of irradiation of high-efficiency silicon solar cells	1976
19760086545	Combined effects of electron and photon irradiation on the degradation of silicon solar cells	1976
19760086546	Engineering evaluation of aerospace avionics P/N 701160-4, P/N 701160-5, and P/N 701160-4A, 250VA, single phase, static inverters	1976
19760086547	Prediction of HF antenna radiation patterns	1976
19760086548	Integrated parametric amplifiers	1976
19760086549	Amplifier-coupler AM-6905(XN-1)/PRC-105	1976
19760086550	Initial production test of multiplexer TD-660B/G	1976
19760086551	Microstrip communications antenna	1976
19760086552	Solar heating and cooling in buildings: Air Force implications	1976
19760086559	A slender resonator-slot UHF antenna capable of integration into submarine-towed cable	1976
19760086562	Stable algorithms of quadratic programming and solution of the inverse problem of gravimetry relative to densities	1976
19760086564	Antitank Missile Test (ATMT). Phase 2: USACDEC experiment FC 019	1976
19760086565	Feasibility test on anticontact insulation kit for gravity type fuel nozzles	1976
19760086566	Concept and application of life cycle costs	1976
19760086567	Macroscopic failure criteria for an ABM substructure made of beryllium	1976
19760086568	Computer Controlled Automatic Test Equipment (CATE)	1976
19760086569	Evaluation of target motion analysis in a multipath environment	1976
19760086570	Project GRABS data report, phase 2. Volume 4: Appendix 6 thru 10	1976
19760086571	Analysis of the power spectral density of tape recorder flutter	1976
19760086572	Behavior of phosphonitrilated cellulose fabric under thermal stress and in a fire environment	1976
19760086573	AHV final report and long range plans for shipboard aircraft handling vehicles	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086575	An evaluation of graphite/epoxy hybrid composite bonded and bolted joints for application to a hydrofoil box beam	1976
19760086577	Motions of bow fingers in a surface effect ship flexible seal	1976
19760086578	An experimental investigation of the performance of the aerojet 1/4-scale, variable-geometry centrifugal lift fan under dynamic flow conditions	1976
19760086579	Evaluation of the NX-2 prototype gas metal-arc welding flexible torch	1976
19760086584	Operation of vehicles in the north	1976
19760086585	Noryl, a technical material for the automobile industry	1976
19760086586	Glue-welded joints in machine building	1976
19760086589	Study of multi-state PN sequences and their application to communication systems	1976
19760086590	Evaluation of the OE-158/BRQ multifunction communications antenna	1976
19760086591	An evaluation of the TCI type 612 loop array antenna	1976
19760086592	Low drain microwave integrated circuit assemblies	1976
19760086595	F-band TRAPATT amplifier	1976
19760086604	Supersonic continuous wave carbon monoxide laser development, phase 1. Volume 1, part 2: CO laser kinetics code revisions, version 1	1976
19760086605	Arming unit flight test evaluation	1976
19760086606	Potential application of source data automation in the Air Force standard baselevel supply system	1976
19760086607	Combat service support system consolidated timing report	1976
19760086608	DOD pyrotechnic investigations FY 1976	1976
19760086609	VHF (FM) tactical antennas (tac antennas)	1976
19760086610	Report of test on non-insulated study terminals (RPN 144204-2)	1976
19760086611	Hydrazine engine cold start evaluation	1976
19760086612	Chamber bleed power supply for TVC actuation system	1976
19760086613	Aircraft fire extinguisher cartridge stockpile surveillance	1976
19760086614	A gas burner	1976
19760086616	Investigation of propellant leakage in AQM-37A Target Missiles	1976
19760086619	Fracture stability analysis of the PERSHING propellant grains	1976
19760086621	Metal ceramic material	1976
19760086623	Evaluation of hydraulic self-aligning metal lip seal fittings	1976
19760086624	Solar Power Unit (SPU)	1976
19760086628	New redox electrochemical power source	1976
19760086634	Estimates of wake mean velocity, velocity spread, and velocity distribution asymmetry from pulse pair correlation measurements	1976
19760086635	RDA ruby laser frequency doubler system	1976
19760086636	Screen nozzle technology for supersonic carbon monoxide electric discharge lasers	1976
19760086637	Fluid dynamics of advanced chemical lasers	1976
19760086638	Pressure recovery of a transfer chemical laser using a movable wall diffuser	1976
19760086639	Receiver design for 1 micrometer laser radar receiver	1976
19760086641	Copper vapor laser	1976
19760086642	Optical signal processing study for terminal BMD radars	1976
19760086643	Pulsed laser transmitter system 2	1976
19760086644	Radiation damage in fiber optic bundles	1976
19760086645	Airborne pointing and tracking systems open port design and modification analysis	1976
19760086646	Bidirectional scatter measurements of mirror and baffle sample material	1976
19760086647	AFL beam jitter measurements	1976
19760086648	Application of a laser in the investigation of aerosols using the method of small angles	1976
19760086649	A new method of solving diffraction problems	1976
19760086650	Changes in the structure of gallium arsenide under the influence of laser radiation	1976
19760086652	Laser and laser accessories	1976
19760086653	Ink type facsimile apparatus for transmitting images over commutated communications channels	1976
19760086654	Focusing pattern gauge	1976
19760086655	Electromagnetic compatibility measurements at Henry Post Army Airfield, Fort Sill, Oklahoma	1976
19760086656	Should rescue coordination centers be exempted from the US Air Force command post consolidation program	1976
19760086658	Defense meteorological satellite program: Satellite command and control	1976
19760086659	Corps data communication system long range planning	1976
19760086665	Audio expendable relay (EXRAY) evaluation	1976
19760086666	Search and rescue communications Global Rescue Alarm Net (GRAN)	1976
19760086667	Feasibility study for helicopterborne command and control communications central (HC 4)	1976
19760086668	Special testing of UHF direction finder systems	1976
19760086669	Power-handling and RF radiation testing of coupler-isolator CU-2113 (XG-1)/SRC	1976
19760086670	A satellite simulator with a TDMA-system compatible adaptive array	1976
19760086671	Troop and accelerated wear trials of an alternative material for polyester/cotton lightweight coveralls and trousers	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086673	Remote sensing of minor gaseous and aerosol components of the atmosphere from space	1976
19760086676	Experiments on toroidal inductively coupled alternating-current gas discharges	1976
19760086679	Operational test report: Roland Cooperative Test Program	1976
19760086685	New concepts of materials for helicopter rotors	1976
19760086687	Present main trends in helicopter development	1976
19760086688	The KA-15 helicopter	1976
19760086690	Investigation of escape and recovery systems by the German Research and Experimental Center for Aviation and Space Flight	1976
19760086691	Manufacturing methods for resistance spotweld-adhesive bond jointing of titanium	1976
19760086692	Feasibility studies of a hydrofluidic, closed loop, vernier rocket motor control system for ejection seat stabilization	1976
19760086693	Experimental evaluation of neutron radiography for quantitative determination of corrosion in aircraft structure	1976
19760086694	Electromagnetic pulse interaction with the EC-135 aircraft	1976
19760086695	Project INSPECT (Fort Hood field evaluation)	1976
19760086696	USS America ACLS certification trials	1976
19760086697	H-53 improved rescue hoist	1976
19760086698	Evaluation of bond-on insulation TPS material for X-24C	1976
19760086700	Evaluation of the 7CX233 lead chloride battery	1976
19760086704	Navy technical evaluation of the A-4M ECP-1120 omnibus ECP changes (AN/ARC-159(V)1 radio set evaluation	1976
19760086705	Tactical satellite communication terminals	1976
19760086707	Reconnaissance information (RECON) system data base specification	1976
19760086708	GE-223 carbon/carbon ablation and transition test results	1976
19760086709	US and BRD/RF test directors' report Roland cooperative test program	1976
19760086710	Electrostatic discharge (ESD) test on the stinger weapon round for a helicopter borne charge	1976
19760086711	Standard automated multi-media exchange level automated telecommunications center test program	1976
19760086715	Exercise Production and Analysis System (EPAS) blue strike/JAD data base specification	1976
19760086716	Converter for phase shift to digital code	1976
19760086719	Magnetic newspaper facsimile recording	1976
19760086720	Control device for a modulated light source (gas discharge lamp) for facsimile recording	1976
19760086724	Reproduction of shift in image by the photographic layer	1976
19760086727	Pneumatic actuation system development test program	1976
19760086728	Low level night operations study	1976
19760086729	Military topography manual	1976
19760086730	Radio scale photoprinter	1976
19760086731	Comparison of calculated aerothermal ablation with combined empirical aerodynamic heating and rain effects for AVCOAT-8027 and Teflon on sled tests at Mach 5	1976
19760086732	Engineering design for advanced adds, appendices	1976
19760086733	Electro-Optical Rectifier (EOR) update study	1976
19760086735	Spatial and temporal properties of fluctuating pressures on re-entry vehicles	1976
19760086736	Advance helmet-mounted sight	1976
19760086737	Ground Radar Aerial Delivery System (GRADS) phase II. Addendum	1976
19760086738	MARK 90 MOD 0 standard missile warhead environmental and safety test program	1976
19760086739	FBMWS piece-parts receiving inspection at Module Maintenance Facility (MMF) Charleston Naval Shipyard, Charleston, South Carolina	1976
19760086740	Vibro-acoustic testing of air-launched guided missiles at the Pacific Missile Test Center	1976
19760086741	Erosion resistant materials for MaRV applications	1976
19760086742	Air Force development test and evaluation of the F-15A airframe subsystems	1976
19760086743	Technical reports published in 1975	1976
19760086744	Prospect for improved accuracy of centralized weather forecasting	1976
19760086745	Recommendations for reducing the life cycle cost of USAF aircraft systems	1976
19760086746	Case study: Lockheed and the C-5A	1976
19760086747	Aircraft flying rates: Another method of analysis	1976
19760086748	AFSC/AFLC functional interface: A study and analysis of the F-111D transition process	1976
19760086751	The future role of DOD's Metsat Program in war	1976
19760086752	Uncertainty and weather forecasts: Must they remain mutually exclusive?	1976
19760086753	EMP assessment and hardening of aeronautical systems	1976
19760086754	F-111/ARES electromagnetic pulse point-of-entry closure test	1976
19760086755	External coupling of an electromagnetic pulse to the B-1 aircraft	1976
19760086757	AV-8B pretest information for tests of a full scale AV-8B model in the NASA-Ames Research Center 40-foot by 80-foot subsonic wind tunnel	1976
19760086758	YAV-8B flight demonstration program preliminary ground support equipment requirements	1976
19760086759	AV-8B 15 percent aerodynamic and loads test in the NASA-Ames 11-foot unitary plan transonic wind tunnel	1976
19760086760	AV-8A vendor accession notice	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086761	Evaluation of engine life recorders/time temperature recorders for the F402-RR-401 engine in the AV-8A airplane	1976
19760086764	A digital Device for Primary Processing (DPP) of radar data based on a detector with waiting channels	1976
19760086765	Analysis of the detection characteristics of periodic subtraction and multiplication systems with the presence of amplitude limitation	1976
19760086766	Two methods and precision of radar echo power measurements based upon a comparison with receiver noise	1976
19760086768	Programmed unit for testing for Pressfaks phototelegraphic station for newspaper reception	1976
19760086773	Effect of visual acuity on target acquisition	1976
19760086774	Investigation of critical issues for Army users of the NAVSTAR global positioning system	1976
19760086775	Eglin Air Force Base RAPCON AN/TPX-42 evaluation of range and azimuth accuracies	1976
19760086776	LDG 540 gyro test	1976
19760086777	Investigation of luminol and collection tape components and the effects of airborne interferences on the XM19 detector	1976
19760086780	C-5A repair level classification review: 7 March 1974 - 20 April 1974	1976
19760086784	Life cycle costing: Its promise and problems	1976
19760086785	The air cushion vehicle and its future applicability in national defense	1976
19760086786	Studies of erosion and impact resistance of ABM materials	1976
19760086789	Preliminary analysis of a command and control structure	1976
19760086791	Computerized measurement of hydraulic tube assemblies	1976
19760086792	Pulsed read diode amplifier evaluation	1976
19760086793	Evaluation of techniques for sealing large hybrid packages	1976
19760086796	VCO measurement system design	1976
19760086797	Technical evaluation of TACAN antenna MM-1726	1976
19760086798	Technical evaluation of antenna AS-4036/SRN-15	1976
19760086800	Qualification of AMF static regulators	1976
19760086801	Electrical inspection of fiscal year 1974 production A-4M ECP-1120 omnibus change airplane	1976
19760086803	Air Force global weather central system architecture study. Final system/subsystem summary report. Volume 2: Requirements compilation and analysis. Part 2: Functional description	1976
19760086804	Air Force global weather central system architecture study. Final system/subsystem summary report. Volume 2: Requirements compilation and analysis. Part 3: Characteristics summaries and network analysis	1976
19760086805	Independent evaluation of the guided missile system, surface attack, M47 Dragon (U)	1976
19760086806	SLEM: A Simplified Laser Engagement Model. Volume 2. User's manual (U)	1976
19760086810	X-radiation from multiple-exploded-wire plasmas (U)	1976
19760086811	Air-to-air/air-to-ground laser techniques study. Addendum 1 (U)	1976
19760086812	Development of Modular Universal Laser Equipment (MULE) AN/PAQ-3 (U)	1976
19760086814	Systems application of millimeter wave contrast seekers (SAMICS). Volume 1: Executive summary (U)	1976
19760086815	Systems application of millimeter wave contrast seekers (SAMICS). Volume 2: Technical results (U)	1976
19760086818	Standoff target acquisition system SOTAS (U)	1976
19760086819	Atmospheric propagation measurements (U)	1976
19760086820	HOWLS airborne radar program: Background, objectives and approach (U)	1976
19760086821	Navy technical evaluation of the P-38 AN/AAR-40 interim FLIR system (U)	1976
19760086824	Vulnerability assessment for AN/ARR-71 UHF receiver system. Volume 1. Vulnerability assessment study (U)	1976
19760086825	Vulnerability assessment for AN/ARR-71 UHF receiver system. Volume 3. Analysis data (U)	1976
19760086826	Vulnerability assessment for AN/ARC-96 VLF/LF communications set thermochrome teleprinter TT-521. Volume 1. Vulnerability assessment summary (U)	1976
19760086827	Vulnerability assessment for AN/ARC-96 VLF/LF communications set thermochrome teleprinter TT-521. Volume 3. Analysis data (U)	1976
19760086828	Vulnerability assessment for airborne launch control center. Volume 1. Vulnerability assessment summary (U)	1976
19760086829	Vulnerability assessment for airborne launch control center. Volume 3. Data processing unit analysis data (U)	1976
19760086830	Vulnerability assessment for airborne launch control center. Volume 4. Waveform converter (U)	1976
19760086831	Vulnerability assessment for airborne launch control center. Volume 5. Punched tape reader (U)	1976
19760086832	Vulnerability assessment for airborne launch control center. Volume 6. Power supplies (U)	1976
19760086833	Vulnerability assessment for airborne launch control center. Volume 7. Analysis data (U)	1976
19760086834	Vulnerability assessment for airborne launch control center. Volume 8. General test report (U)	1976
19760086835	SLEM: A Simplified Laser Engagement Model. Volume 1. Model development (U)	1976
19760086846	New STP coherent Minuteman 3 PBV tank breakup model (U)	1976
19760086848	Vulnerability assessment for radar transponder set AN/APX-78. Volume 1: Vulnerability assessment summary (U)	1976
19760086849	Vulnerability assessment for radar transponder set AN/APX-78. Volume 3: Analysis data (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086850	Vulnerability assessment for AN/ASQ-121 evaluation analysis and recording set. Volume 1: Vulnerability assessment summary (U)	1976
19760086851	Vulnerability assessment for AN/ASQ-121 evaluation analysis and recording set. Volume 3: Analysis data (U)	1976
19760086852	Vulnerability assessment for AN/ASQ-121 evaluation analysis and recording set. Volume 4: Test report (U)	1976
19760086853	Vulnerability assessment for Echo Fox system. Volume 1: Vulnerability assessment summary (U)	1976
19760086857	Long range optical system study. Part 1: Sections 1-3 (U)	1976
19760086858	Long range optical system study. Part 2: Sections 4-5 and appendixes (U)	1976
19760086859	Vulnerability assessment for Echo Fox system. Volume 3: Analysis data (U)	1976
19760086860	Advanced discrimination study (TEAL JADE) (U)	1976
19760086868	Laser induced wake discrimination technology (U)	1976
19760086882	Nevada Automated Diagnostic System (NADS) software programming notes for special devices	1976
19760086886	Solid state photometer for air particulate measurements	1976
19760086889	Flowmeter calibration report for SLSF flowmeters. Mixed mean (total) eddy content flowmeters for P2 serial 18 and 20	1976
19760086891	Energy generation and the sulfur cycle: Organic sulfur compounds	1976
19760086892	Aircraft drop test of B77 parachute test unit PTU-3. Test report no. 7019, SLA no. R707019	1976
19760086893	Aircraft drop test of B77 parachute test unit PTU-5. Test report no. 7020, SLA no. R707020	1976
19760086894	Economic effectiveness of water resource construction	1976
19760086895	Low-speed wind-tunnel tests of the longitudinal stability characteristics of some swept-wing quiet airbus configurations	1976
19760086896	Japan: Nuclear space, and defense developments. GUO no. 241	1976
19760086897	Space research conducted in the USSR in 1975 cospar report, 19th plenary session	1976
19760086898	Space biology and aerospace medicine, Vol. 10, No. 4	1976
19760086899	Theory of oscillations and waves in nonlinear mediums	1976
19760086900	France: Nuclear, missile, and space developments guo no. 415	1976
19760086901	World water resources and their future, part 2	1976
19760086902	World water resources and their future, part 1	1976
19760086903	Introduction of computer technology and methods of medical cybernetics into the operational practice of institutions of the RSFSR Ministry of Health	1976
19760086904	State and perspectives of the application of integrated micro-circuits in electrical measuring technology	1976
19760086905	Urban development at a new stage	1976
19760086906	Special features of planning and operating atomic electric power plants	1976
19760086907	Effect of gasket thickness on characteristics of compression and strength of high-pressure chambers	1976
19760086908	Japan: Nuclear, missile, space, and defense developments GUO no. 243	1976
19760086909	Meteorology and hydrology No. 7, 1976	1976
19760086910	Japan: Nuclear, missile, space, and defense developments. GUO no. 244	1976
19760086911	France: Nuclear, missile, and space developments, 416	1976
19760086912	Vertebrate zoology	1976
19760086913	Translations of the composition of N-hydrocarbons of diesel fuel from Mangyshlak oil in biosynthesis of food protein	1976
19760086914	Translations on USSR science and technology biomedical sciences GUO 1/76	1976
19760086915	A theory for elastic stresses in adhesive bonded lap joints	1976
19760086916	Stress corrosion resistance of a high strength Al-Zn-Mg-Cu alloy containing S phase	1976
19760086917	A comparison of fatigue crack propagation rates in CM002 (unclad RR58) aluminum alloy immersed in jet fuel and a fuel simulant	1976
19760086918	A system for axial loading of creep specimens	1976
19760086919	Analysis of wrinkled membranes with anisotropic and nonlinear elastic properties	1976
19760086920	Military Medical Journal, no. 4, 1976	1976
19760086921	Effect of motion sickness on the activity of some serum enzymes and on sympatheticoadrenal function	1976
19760086922	Medical examination of ground military air transport specialists	1976
19760086923	Early signs of coronary atherosclerosis in fliers	1976
19760086926	Draeger multigas detector handling and storage trials	1976
19760086927	Pilot user development program	1976
19760086928	Measurement of the dynamic characteristics of an unstable helicopter model	1976
19760086929	A laboratory study of the performance and behaviour of solid film lubricants based on MoS2 and graphite fluoride	1976
19760086930	An investigation of the unsteady pressure field within the 8-foot high temperature structures tunnel	1976
19760086931	Technology transfer; transportation	1976
19760086932	Military Medical Journal, No. 6, June 1976	1976
19760086933	Limits of adaptation to and toxic action of high carbon dioxide concentrations on the body	1976
19760086934	Characteristics of the activity of man when simultaneously exposed to longitudinal acceleration and hypoxia	1976
19760086935	A device for investigating the psychophysiological qualities of operator activity in a tracking regime	1976
19760086936	Military Medical Journal, No. 5, May 1976	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760086937	Changes in peripheral and intracranial blood circulation related to the prolonged effect of low-value radial accelerations	1976
19760086938	A method of estimating the level of physical conditioning of military personnel	1976
19760086948	Navy technical evaluation of A-4M ECP-1120 airplane (reliability and maintainability evaluation)	1976
19760086950	A study to identify data voids in the application of Hi-Glide canopies to Remotely Piloted Vehicles (RPV)	1976
19760086952	IOT and E of the T-38A lead-in fighter	1976
19760086953	A-7D aerodynamics from a pilot's viewpoint	1976
19760086954	Responsiveness in the National Airspace system: An Air Force pilot's dilemma	1976
19760086955	Generic Phased Array Radar Simulator (GPARS)	1976
19760086956	Project GRABS data report, phase 2. Volume 2, appendix 3 and 4	1976
19760086957	Project GRABS data report, phase 2. Volume 1, appendix 1 and 2	1976
19760086958	Project GRABS data report, phase 2. Volume 3, appendix 5	1976
19760086959	Modification of the Mass Addition Reacting Boundary Layer (MARBL) computer code theory, volume 1	1976
19760086960	Modification of the Mass Addition Reacting Boundary Layer (MARBL) computer code, users manual, volume 2	1976
19760086961	Hierarchical V and V software functional design. Volume 1: Hierarchical V and V methodology description	1976
19760086962	Hierarchical V and V software functional design, volume 2. Part 1: Hierarchical sets (H-Sets)	1976
19760086963	Hierarchical V and V software functional design, Volume 2. Part 2: Hierarchical performance evaluation process (H-PEP)	1976
19760086964	Star tracker system model 5086 flight experiment, volume 1: Sections 1-7 and appendixes A-C	1976
19760086965	Star tracker system model 5086 flight experiment, volume 2: Section 8 and appendixes D-E	1976
19760086966	Star tracker system model 5086 flight experiment, volume 3: Appendix F	1976
19760086967	Calculation of aircraft radar cross section. Volume 1: Users guide	1976
19760086968	Calculation of aircraft radar cross section. Volume 2: Computer program listings	1976
19760086969	Electron-beam lithographic techniques for integrated circuits	1976
19760086970	Electron-beam lithographic techniques for integrated circuits	1976
19760086971	Survey of stability concepts of digital filters	1976
19760086972	Studies on stability of digital filters	1976
19760086991	Optical device for determining small angular motion	1976
19760086992	First article test report of the 255G002-1 ECM transmitter-indicator test set aerospace ground equipment for the AQM-34V	1976
19760086994	Optical signature analysis: 1974-1975. Volume 3: New OCS user's manuals	1976
19760087003	Development and testing of an improved, collapsible, elastomer-coated fabric, 50000 gallon fuel storage tank	1976
19760087005	An 1913-02 antenna system (seek shield)	1976
19760087006	Multi-component powder-metallurgical material	1976
19760087009	Project SEEK SCREEN. Volume 2. Tactical air control system, January - July 1975	1976
19760087010	Millimeter-wave (60 GHz) solid-state amplifier	1976
19760087015	Mode IA certification of ACLS on runway 5L at NAS oceana	1976
19760087016	USS independence ACLS recertification trials	1976
19760087017	A-6 airplane, investigation of control stick throw limitations and crew member seated height limitations in A-6/EA-6A airplanes	1976
19760087019	Flight fidelity evaluation of the S-3A weapon systems trainer, device 2F92, with the vital 3 visual system, device 2B34A	1976
19760087020	Thermophysical properties of selected RV and decoy materials, part 1	1976
19760087021	Recording of facsimile signals on ordinary paper	1976
19760087022	Ablation/erosion evaluation of reentry vehicle materials. Volume 1: Nosetip materials	1976
19760087023	Multi-static system interceptor support study. Volume 1: MaRV engagement simulation program and guidance logic	1976
19760087024	Tactical operations system applications and software experimentation, tactical templating	1976
19760087025	Manufacturing methods and technology: 8 to 14-micron (Hg, Cd) Te array modules	1976
19760087026	Development test 2 (PQT-G) of IR suppression system for OH-58 helicopter	1976
19760087027	Performance flight tests of the Honeywell AN/APN-194 radar altimeter	1976
19760087028	Thermal flux protection for aircraft systems	1976
19760087029	Evaluation of the Omega navigation module of the I.1.2 operational program for the P-3C update 1 aircraft	1976
19760087030	An optimum algorithm for detection of radar signals in noise of unknown power	1976
19760087038	DT 2 of the lightweight camouflage screening system, radar scattering (snow)	1976
19760087039	Signal-to-noise and threshold-to-noise ratio requirements in laser seekers	1976
19760087040	Optical design of the ruggedized compliant bearing gyro laser semiactive seeker (high acceleration terminal homing project)	1976
19760087041	Engineering analysis of ATAFCS unit 3 line-of-sight jitter problem	1976
19760087042	Development test 2 (service phase-tropic) of night vision sight, individual served weapons, AN/PVS-4 (second generation)	1976
19760087044	Millimeter wave radar applications to weapons systems	1976
19760087045	Electrodeless lamp study	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760087046	Airborne pointer/tracker beam expander optics	1976
19760087048	Laboratory test report for Ground Based Measurements program (GBM)	1976
19760087049	C-band scanning antenna system	1976
19760087050	Terminal analysis study	1976
19760087051	Miniaturized Helmet Electronics (MHE)	1976
19760087052	Target signatures transition	1976
19760087054	Packet radio communications	1976
19760087056	PATRIOT. Volume 1: Engineering development summary report	1976
19760087057	Planning for the ARPA/OWEX internal wave magnetic sensing experiment	1976
19760087058	System performance test procedures for radio sets AN/URN-3(), AN/SRN-6(), and AN/GRN-9() using general purpose electronic test equipment	1976
19760087059	Technical evaluation of a seven-foot antenna modification kit for AN/SPN-42A remoted equipments	1976
19760087061	Space Sextant Attitude Reference System (SS-ARS) study	1976
19760087062	Manufacturing Methods and Technology Measure (mmTE) fabrication of 18mm image intensifier tubes by batch processing techniques, phase 2	1976
19760087063	Analysis of radar data on object 8410	1976
19760087064	Architecture for tactical switched communication systems. Annex E. Methodology for design and analysis	1976
19760087065	Coastal surveillance with OTH radar: Feasibility test results	1976
19760087066	Analysis of electromagnetic compatibility between the global positioning system receiver and environmental transmitters at six sites	1976
19760087067	DOT study sensor support	1976
19760087068	Navy model F4J maintenance process analysis. Volume 1. Discussion Report	1976
19760087071	Manufacturing methods for detector integration for spinning mass seekers	1976
19760087072	Guided missile air defense system AN/TSQ-73 logistic support analysis	1976
19760087073	Metrology design considerations for free flight rockets	1976
19760087074	Infrared spectra of cobalt (2+) ion in crystals of monoclinic tungstates	1976
19760087076	Detection of a coherent pulse packet in noise of unknown power	1976
19760087077	Diffraction of plane waves by an arbitrary smooth body and the Keller diffraction	1976
19760087080	Study of the dissociation of single drops on a rotating disk by high-speed motion picture photography	1976
19760087081	Measurements pertaining to the B1 scale model main wheel well	1976
19760087082	Data reduction system for HPD (ADSET)	1976
19760087083	An investigation of inlet and aircraft drag on a 7.5-percent scale model of a twin-engine high-speed fighter aircraft at transonic Mach numbers	1976
19760087084	Aerodynamic loads and separation, trajectory tests on the Bofors and Matra rocket launchers with the F-4C and A-7D aircraft at Mach numbers from 0.4 to 0.95	1976
19760087085	Aerodynamic characteristics of the air slew demonstrator models at Mach numbers from 0.6 to 1.3	1976
19760087086	Calculated temperatures for the foil support plate in the sustainer of the mobile test unit laser tunnel	1976
19760087102	Time-dependent self-consistent numerical treatment of conduction	1976
19760087104	Report of Electromagnetic Compatibility (EMC) testing of the AQM-34V air vehicle when installed on a DC-130 launch aircraft	1976
19760087105	Electromagnetic compatibility measurements at Lawson Army Airfield, Fort Benning, Georgia	1976
19760087106	J65 product support program progress report	1976
19760087107	Turbine nozzle area control system development, phase 1	1976
19760087109	Emissions from the LM-2500 marine gas turbine	1976
19760087113	High-altitude demonstration testing of a General Electric TF34-GE-100 turbofan engine in propulsion development test cell (J1)	1976
19760087114	Aeromechanical investigation of an F100-P-W-100 core engine compressor and turbine	1976
19760087115	Performance and operating characteristics of a turbine engine propulsion simulator at simulated flight conditions	1976
19760087116	IR radiation characteristics of a scale-model turbine engine exhaust plume	1976
19760087117	Model GTCP165-1 APU (Product Support Program)	1976
19760087118	Quasi-static system-generated EMP code for satellite analysis. Volume 1. Lumped-element satellite modeling in SGEMP, including space-charge-limited currents	1976
19760087119	USS-NIMITZ (CVN-68) certification tests	1976
19760087120	Departure and recovery characteristics from nose-high low-air-speed conditions and high-speed dive and dive recovery characteristics of the TA-4F/A-4M airplanes	1976
19760087121	CL-84 tilt-wing vertical and short takeoff and landing downwash evaluation	1976
19760087141	Source-region electromagnetic pulse coupling to antenna and cable structures	1976
19760087142	ASC Beamrider Little John simulation support	1976
19760087143	Brittle materials design, high temperature gas turbine	1976
19760087147	H-2 battery temperature survey	1976
19760087148	Long life elastomeric aircraft hydraulic seals, part 3	1976
19760087150	Electromagnetic pulse-induced surface current and charge densities at proposed antenna locations for the EF-111A aircraft	1976
19760087154	Source development for millimeter-wave applications	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760087156	Comparative ground test and analysis of the saddle lug, bail lug, and tee lug suspension concepts of weapon systems	1976
19760087157	Simulated tow hit probabilities of a pre-prototype Armored Cavalry TOW Vehicle (ACTV) compared to the APC-mounted TOW	1976
19760087158	Free rocket technology soft shoe launch technique, simulation math model	1976
19760087159	Low cost/optimized performance inlets. Volume 2, phase 2: Production methods development	1976
19760087160	Design of a vibration isolation module	1976
19760087162	Acoustical noise in the P-3C aircraft: Evaluation and recommendations	1976
19760087164	Wide bandwidth liquid crystal light valve development	1976
19760087165	Feasibility of frequency sharing between the AN/AMT-4 radiosonde and the geostationary meteorological satellite system in the 1660-1700 MHz frequency band	1976
19760087167	Improvement in air-to-ground weapon delivery and inertial guidance update with AVTAS	1976
19760087168	Compatibility study of AN/BRN-7 with combiner-multicoupler CU-2007/SRR	1976
19760087169	An evaluation of the suitability of four JP-5 range fuels derived from coal via the coed process for use in Navy ship propulsion systems	1976
19760087170	Mixing and combustion mechanisms in high speed air flows	1976
19760087171	Airborne digital sensors utilizing surface acoustic wave propagation	1976
19760087172	MAIR system impact analysis	1976
19760087173	Teledyne model TR-2700, PM telemetry transmitter spectrum utilization characteristics	1976
19760087174	AN/VVG-2 laser range finder versus M17-C coincidence range finder	1976
19760087175	Holographic image scanning techniques	1976
19760087176	CCDS for communication	1976
19760087179	Reliability testing influenced by requirements of the systems operator	1976
19760087182	Evaluation of rejuvenators for bituminous pavements	1976
19760087183	Remotely piloted vehicle (RPV) TV search and acquisition test	1976
19760087184	Lighter-than-air platforms: Helping to do more with less	1976
19760087185	Lighter-than-air vehicles: A complementary option for strategic mobility	1976
19760087186	B-1 system and force vulnerability support	1976
19760087188	The Alperin Jet-Diffuse Ejector (AJDE) development, testing, and verification report	1976
19760087191	Evaluation of critical parameters. Capacitors, fixed, ceramic, molded, lead mount, MIL-EST. Rel.	1976
19760087192	User evaluation of canopies for AH-1() helicopter	1976
19760087193	Low cost manufacturing using advanced composite broadgoods	1976
19760087195	Test procedure for bubble optical simulator system	1976
19760087196	Barricade compatibility of the model S-3A airplane	1976
19760087198	F-15 initial operational test and evaluation-maintenance, reliability, training, and logistics. Annex E	1976
19760087199	Modes on a Finite-width, parallel-plate simulator. 1. Narrow plates	1976
19760087201	Development test II of pulse form restorer TD-206B/U	1976
19760087202	Effects of extreme temperature and vibration environment on the electromagnetic pulse shielding proportions of molypermalloy	1976
19760087205	Computer program for optimizing three-stage vuillemier cycle cryogenic refrigerators	1976
19760087209	Troubleshooting induced electrical noise in blast pressure data	1976
19760087210	Transonic flow field characteristics beneath the F-15 aircraft with various store loadings	1976
19760087218	Low noise Schottky barrier FET transistor (Inp)	1976
19760087221	Elevated temperature static cut-through evaluation of solderless wrap wire insulation	1976
19760087222	Orbital mechanics of general-coverage satellites	1976
19760087223	Late-time striation spectra	1976
19760087224	Test and evaluation of nonwet periscope head window materials	1976
19760087225	Sound speed profiles for the North Pacific Ocean	1976
19760087228	Holographic read only memory	1976
19760087229	Metal-nitride-oxide-semiconductor memory on insulating substrates	1976
19760087231	Project SEEK SCREEN. Volume 5: TACS communication equipment	1976
19760087232	High power UHF isolator	1976
19760087234	Charge-coupled devices for multichannel video processors	1976
19760087237	The female in military-equipment design	1976
19760087238	Some recent trends in human factors testing	1976
19760087239	Human engineering specifications and standards: Payoffs and pitfalls	1976
19760087240	Evaluation of self-contained remote attitude director indicator (RADI), type ID-1329A/A	1976
19760087241	Test and evaluation of the ID-1791/A attitude gyro system in the A-6E airplane	1976
19760087242	Low cost manufacturing concepts of advanced composite primary aircraft structures, phase 2	1976
19760087243	A two-parameter atmospheric density model	1976
19760087244	Higher harmonic control systems for helicopters	1976
19760087245	YAV-8B full scale wind tunnel test instrumentation and calibration	1976
19760087252	Allowance for amplitude and phase instability of the subsystems of moving-target selector radars on the effectiveness of the suppression of signals from fixed targets	1976
19760087253	Translations on USSR science and technology. Physical sciences and technology (GUO 3/76)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19760087254	Japan: Nuclear, missile, space, and defense developments. GUO no. 245	1976
19760087271	Aircraft drop test of B77 parachute test unit PTU-25. Test report no. 7031, SLA no. R707031	1976
19760087272	Aircraft drop test of cabernet Flight Test Unit (FTU-2). (Test report no. 7015, SLA no. R707015)	1976
19760087287	Evaluation of three ultrasonic motion detection systems	1976
19760087288	Reentry vehicle materials technology (REVMAT) program	1976
19760087289	Feasibility of an energy outreach program	1976
19760087291	Vorticity generation by heat release at a flame holder	1976
19760087292	Japan: Nuclear, missile, space and defense developments. GUO no. 242	1976
19760087293	The application of a laser anemometer to the investigation of shock-wave boundary-layer interactions	1976
19760087294	Estimation of remaining creep life of RR58 aluminium alloy plate from creep crack density measurements	1976
19760087295	The adiabatic compression of isopropyl nitrate vapor/nitrogen bubbles in a U-tube at temperatures between ambient and 60 deg C	1976
19760087296	Self-sealing tendencies of moderately large leaks in inhibited red fuming nitric acid tanks	1976
19760087297	Translations on USSR science and technology biomedical sciences	1976
19760087298	Translations on USSR scientific and technology physical sciences and technology (GUO 1/76)	1976
19760087300	France: Nuclear, missile, and space developments	1976
19760087301	Translations on USSR science and technology biomedical sciences	1976
19760087302	Translations on USSR resources(GUO 56/76)	1976
19760087303	Translations on USSR science and technology. Physical sciences and technology (GUO 4/76)	1976
19770003069	Solution of the problem of flow around a thin blunt body of revolution subjected to a hypersonic gas stream	1976
19770003070	Mechanism of stabilization of the 'separation point' of a vortex during flow of a stream at low subsonic velocity over a delta wing	1976
19770003107	Critical analysis of comparisons between flight test results and wind tunnel test predictions in subsonic and supersonic transport aircraft	1976
19770003176	The Salyut-4 space laboratory	1976
19770003255	Spraying by wire explosion: A new method of surface coating technology	1976
19770003280	Fuels and fuel additives for highway vehicles and their combustion products. Guide to evaluation of their potential effects on health	1976
19770003450	Anti-multipath digital signal detector	1976
19770003492	Change in electrical resistance of thin metal layers caused by gas adsorption	1976
19770003527	Experimental and theoretical study of two-dimensional, turbulent, incompressible reattachment	1976
19770003528	Method of local similarity of calculation of characteristics of a laminar boundary layer of fluid	1976
19770003553	Aircraft microwave radiometric equipment with increased sensitivity for remote sounding of underlying layers	1976
19770003833	Microorganisms as producers of hydrogen	1976
19770003839	Experiments Aboard Biosatellites Kosmos-690 and Kosmos-782	1976
19770003840	Second expedition of the Salyut-4 orbital station. Certain results and tasks of medical research	1976
19770003856	On the Possible Uniqueness of Intelligent Life in the Universe	1976
19770003935	Interpretation of the variations with temperature of the properties observable by electron paramagnetic resonance of a family of carbon blacks irradiated with neutrons	1976
19770003936	Paramagnetic centers produced by oxidation of carbon black	1976
19770003947	High energy heavy ion absorption cross section	1976
19770003966	Electron density distribution in magnetized hydrogen arc plasmas with the ion temperature deviating from the electron temperature	1976
19770003982	Measurement of the differential elastic scattering of He atoms and the determination of the potentials of repulsion interaction	1976
19770004042	On the Possible Connection Between the Amount of Gas in Galaxies, the Activity of their Nuclei and their Belonging to a Cluster	1976
19770004047	Compilation of flares and transients observed by the S-056 solar X-ray telescope during the Skylab missions	1976
19770004048	The possibility of investigating the solar corona by means of prolonged radiosonde observation	1976
19770004054	Viscous interaction with separation in transonic flow	1976
19770004066	Secondary flow in axisymmetric compressors	1976
19770004076	Toward new heights	1976
19770004086	Calculation of multi-contour thin-walled structures by the method of sections	1976
19770004133	Space launches and finishes	1976
19770004140	Space station systems analysis study. Part 1, volume 3: Appendices. Book 1: Objective data	1976
19770004150	Description of the universal program for calculating the navigational information on the location of an artificial earth satellite	1976
19770004174	Contributions to the study of the physical properties of carbon	1976
19770004256	Nitramine propellant research	1976
19770004456	Bosch technical instruction. Gasoline injection D and L-jetronic	1976
19770004539	LANDSAT 2: Cumulative US Standard Catalog, 1975 - 1976	1976
19770004561	LANDSAT: Non-US Standard Catalog, 1 - 30 June 1976	1976
19770004563	LANDSAT: US Standard Catalog, 1 - 30 June 1976	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770004564	LANDSAT: US Standard Catalog, 1 - 31 July 1976	1976
19770004578	LANDSAT: Non-US Standard Catalog	1976
19770004579	LANDSAT: Non-US Standard Catalog	1976
19770004585	Industrial development of silicon solar cells	1976
19770004671	A new atmospheric model and earth-satellite motion	1976
19770004672	Morphostructural methods of studying the tectonics of enclosed platforms, petroleum-gas-bearing regions	1976
19770004673	Earth magnetism, the aurora and ultralow-frequency radiation	1976
19770004727	Equipment for the cosmonaut	1976
19770004842	Conditionally effective evaluations of the parameters of nonlinear models	1976
19770004843	Application of the maximum plausibility method to the problem of determination of the intensities of an intermixed poisson flux	1976
19770004994	Occurence of gas hydrates in the nuclei of comets	1976
19770005003	Neutrino astrophysics	1976
19770005008	Modeling dynamic processes in planetary atmospheres. Part 1: Apparatus for studying shear flow stability in spherical layers, preliminary results	1976
19770005011	Nuclear reactions on the sun	1976
19770005047	The effect of various air density-altitude relations on the phugoid	1976
19770005114	Influence of Air Humidity on Compressor and Turbine Efficiency Determined from Experimental Data	1976
19770005121	A new capability for predicting helicopter rotor noise in hover and in flight	1976
19770005137	F. A. Tsander and modern cosmonautics	1976
19770005138	Comparative analysis of designs and implementations of reaction flying vehicles proposed during the nineteenth and beginning of the twentieth centuries	1976
19770005139	Entrance of mankind into space (15th anniversary of the first manned flight into space)	1976
19770005151	Use and analysis of the scientific data from the INTASAT satellite	1976
19770005152	Report on one year's flight: INTASAT satellite project	1976
19770005153	General operations program Signe 3	1976
19770005175	Determining the motion of space vehicles	1976
19770005179	Analysis of liquid-propellant rocket engines designed by F. A. Tsander	1976
19770005237	Process for manufacture of stable highly pure metals which form gaseous hydrides, such as silicon or germanium, by means of electrical discharges	1976
19770005277	Effects of the physiological environment on the long-term physical performance of polymeric materials	1976
19770005536	USA report proposes: An end to free satellite pictures	1976
19770005539	Report from space	1976
19770005550	LANDSAT non-US standard catalog	1976
19770005565	Energy storage systems: Behavior of SD 15K hermetically sealed NiCd cells; development trends	1976
19770005607	High-efficiency thin-film GaAs solar cells	1976
19770005665	Approximating functions for earth atmospheric density	1976
19770005898	Method for isotope separation	1976
19770005901	Resonance lines and energy levels of Cs3, Ba4, and La5	1976
19770006012	Optimization in the study of a sinusoidal waveform of known periodicity in the presence of noise. Application in radio astronomy, 1	1976
19770006017	The present structure of the planetary and satellite systems	1976
19770006018	The motion of planets and satellites	1976
19770006019	The small bodies	1976
19770006020	Forces acting on small bodies	1976
19770006021	Kepler motion of interacting bodies; jet streams	1976
19770006022	Collisions: Fragmentation and accretion	1976
19770006023	Resonance structure in the solar system	1976
19770006024	Spin and tides	1976
19770006025	Post-accretional changes in the solar system	1976
19770006026	Accretional processes	1976
19770006027	On the accretion of planets and satellites	1976
19770006028	Spin and accretion	1976
19770006029	Relations between comets and meteoroids	1976
19770006030	Plasma physics and hetegony	1976
19770006031	Model of the hetegonic plasma	1976
19770006032	Transfer of angular momentum and condensation of grains	1976
19770006033	Accretion of the condensation products	1976
19770006034	Transplanetary condensation	1976
19770006035	Chemical structure of the solar system	1976
19770006036	Mass distribution and the critical velocity	1976
19770006037	Meteorites and their precursor states	1976
19770006038	The structure of the groups of secondary bodies	1976
19770006039	Origin and evolution of the Earth-Moon system	1976
19770006040	The properties of the early sun	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770006041	Origin of the earth's ocean and atmosphere	1976
19770006043	Jupiter and Saturn. Giants of the solar system	1976
19770006050	Max Valier: A pioneer of space travel	1976
19770006114	Operational characteristics of a capacitive potentiometric shaft angle encoding transducer	1976
19770006201	Liquid rocket space engines	1976
19770006266	Phase diagrams of metallic systems (alphabetical cumulative alloy system index and table of contents)	1976
19770006450	Some results of the flight testing of the onboard equipment of the MMR-06 meteorological rocket	1976
19770006544	LANDSAT US standard catalog, 1-30 Sep. 1976	1976
19770006545	LANDSAT US standard catalog, 1-31 October 1976	1976
19770006555	Further development of photographic filtration of images for purposes of geological interpretation	1976
19770006556	Delineation and analysis of contours on aerial and space photographs, using optical processing methods in coherent light	1976
19770006557	Correlation of geophysical fields and space images in the southern part of the Siberian platform	1976
19770006558	Evidence of the inner geologic structure of Kamchatka on space photographs of various scales	1976
19770006559	Study of regions of modern volcanism and its connection with plutonic geology from space photographs	1976
19770006560	The role of satellite photography in studying the movements of blocks of the earth's crust	1976
19770006561	Application of the method of multistage generalization during the study of geologic structures of various scales (for example, northern Caucasus)	1976
19770006562	Rules for generalization of images of certain indicators of geological structure on space photographs	1976
19770006563	The role of space photographs in the study of the linear and annular structures of the earth's crust	1976
19770006564	A combination of remote and ground-based methods for studying young folded deformations in the western Kopetdag depression	1976
19770006565	The place of space imagery in the complex processing of geological and geophysical information for the study of the plutonic formation of the lower Volga region	1976
19770006566	Aerospace and ground methods of studying of late quaternary fissures (based on the zone of the Chief Kopetdag fracture)	1976
19770006587	Floating substrate process: Large area silicon sheet task low-cost silicon solar array project	1976
19770006646	Relationship of interpretive criteria of plutonic fractures to the character of the newest movements (Kazakhstan and central Asia as examples)	1976
19770006647	Cross structural plan of the earth's crust and the problem of the manifestation of its plutonic elements on the surface (Tyan-Shan and Turan plate as examples)	1976
19770006648	Comparison of seismicity with the interpretation elements of space images	1976
19770006649	Estimations of the characteristics of the atmospheric circulation on rotating planets	1976
19770007003	Concerning a physico-chemical model of the cometary nucleus	1976
19770007043	History of Messerschmitt aircraft construction	1976
19770007122	Preparation and implementation of the Apollo-Soyuz test project program	1976
19770007243	What is the space transportation system, spaceshuttle, legally?	1976
19770007259	Electrical resistivity of carbon black kaolin sintered materials, 2	1976
19770007260	Some properties of glassy carbon	1976
19770007261	Electrical resistivity of carbon black kaolin composite sintered materials	1976
19770007266	New molybdenum sulfide, Mo ₃ S ₄ : Preparation, properties, and crystal structure	1976
19770007279	Carbon blacks examined by electron paramagnetic resonance	1976
19770007280	Kinetic study of graphitization. 1: Magnetic	1976
19770007281	Electron paramagnetic resonance study of tars produced by rapid pyrolysis	1976
19770007396	Superconductivity at high temperatures	1976
19770007397	Investigation of the Hall effect. Experimental study of powder samples of high electrical resistivity	1976
19770007621	Application of a set of multizonal scanning space images of the earth for the study of geological structure (eastern regions of the Fergan and the Tadzhik depression as examples)	1976
19770007626	Trophic classification of lakes using LANDSAT-1 (ERTS-1) multispectral scanner data	1976
19770007713	Meteorite origin of the Puchezh-Katunsk crater	1976
19770007765	A test of the impact of NOAA-2 VTPR soundings on operational analyses and forecasts	1976
19770007786	The effect of prolonged hypokinesia on the heart muscle of rats	1976
19770007820	Instructions for servicing and operation of the VODRZ program. Part 1: Algorithmic description of the VODRZ program. Part 2: Technical description 1., technical description 2	1976
19770007946	Study of carbon blacks by electron paramagnetic resonance	1976
19770007947	Variation of the electron paramagnetic resonance signal of neutron-irradiated polycrystalline graphite with temperature	1976
19770007948	Paramagnetic absorption in anthracites	1976
19770007949	Electron Paramagnetic Resonance (EPR) of carbon in anthracene and acridine	1976
19770008033	Experimental and theoretical fundamentals of the astrophysics of cosmic rays	1976
19770008141	European utilization of the American space transport system space shuttle	1976
19770008155	Study of the structure of molybdenum sulfide and selenide compounds. 1: Crystal structure of MO ₃ Se ₄	1976
19770008156	Carbon diamagnetism and graphitization process	1976
19770008157	A method of deriving strain diagrams for composite materials taking into account the statistical strength distribution of the reinforcing fibers	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770008188	New ternary sulfide phases of molybdenum	1976
19770008246	Measurement of the T1T2 product of the relaxation time of carbon as a function of temperature at a frequency of 34.6 kMc	1976
19770008250	Magnetic susceptibility of anthracene carbons treated between 600 and 1200 deg	1976
19770008349	Electrical conductivity of glass-carbon	1976
19770008424	Specific electrical resistance of coke, semicoke, thermoanthracite and graphite powders studied by a two probe method	1976
19770008527	Latin American course on remote sensors	1976
19770008918	Specific heat between 1.4 and 4.4 K in the presence of a magnetic field varying from 0 to 40 kG of a graphite irradiated by neutrons	1976
19770008919	New ternary-phase molybdenum selenides	1976
19770008920	Study of the structure of molybdenum sulfide and selenide compounds. 2: Crystal structure of Ni sub 0.33Mo3Se4	1976
19770008921	Structural study of molybdenum sulfides and selenides. 3: Crystal structure of nickel molybdenum sulfide (NiMo3S4)	1976
19770008922	Mechanism of spin-lattice relaxation in degassed natural carbons; role of exchange interactions	1976
19770008923	Modification of the model of Slonczewski and Weiss applicable to pregraphitic carbon	1976
19770008926	An electron paramagnetic resonance study of annealing effects in irradiated graphite	1976
19770008928	Theoretical and experimental paramagnetism of pregraphitic carbon	1976
19770008998	Astronomical time (determinations, calculation systems, transformation algorithms)	1976
19770010185	Analysis of microwave radiometric measurements from Skylab	1976
19770010552	Procedures for the calibration of ASTM E127-type ultrasonic reference blocks	1976
19770010585	Solar activity, geomagnetic field and terrestrial weather	1976
19770010655	High-efficiency thin-film GaAs solar cells	1976
19770010710	Concerning the global interaction of the atmosphere and oceans	1976
19770011046	Modulation of trapped energetic electrons at 6.6 Re by the direction of the interplanetary magnetic field	1976
19770011103	Effect of the position of maximum thickness and of the length of bodies of revolution on the aerodynamic coefficients in supersonic flow	1976
19770011404	Requirements for soldered electrical connections	1976
19770011517	Ultrasonic reference blocks and characterized fatigue cracks	1976
19770011566	St. Tammany Parish land-use report	1976
19770011567	Analysis of LANDSAT B imagery as a tool for evaluating, developing, and managing the natural resources of New Mexico	1976
19770011704	VELA network evaluation and automatic processing research	1976
19770012262	Overviews and justifications for low gravity experiments on phase transition and critical phenomena in fluids	1976
19770012430	Computer program GANESI: Description of a computer program for the simulation of unsteady flows in gas distribution networks	1976
19770012623	Skylab imagery: Application reservoir management in New England	1976
19770012633	Hydrogen Energy: A bibliography with abstracts. Fourth quarter 1976	1976
19770012634	Hydrogen Energy: A bibliography with abstracts. Third quarter 1976	1976
19770012765	Satellite-derived global oceanic rainfall atlas (1973 and 1974)	1976
19770012896	Vapor explosions (fuel-coolant interactions) resulting from the sub-surface injection of water into molten metals: preliminary results	1976
19770013931	Experimental limits on the velocities of sodium atoms sputtered from solid surfaces by hydrogen ions	1976
19770014062	Earth rotation measured by lunar laser ranging	1976
19770014064	Origin of magnetization in lunar breccias: An example of thermal overprinting	1976
19770014458	Solar EUV spectrophotometer for atmosphere Explorer satellites	1976
19770014645	Hydrogen Production by Water Decomposition Using a Combined Electrolytic Thermochemical Cycle	1976
19770014836	VLF emissions associated with enhanced magnetospheric electrons	1976
19770015096	Solar cosmic rays	1976
19770015175	Variable-Cycle Engines for Supersonic Cruise Aircraft	1976
19770015513	Operation manual for 30,000 lbf constantload testing machine	1976
19770015816	The angular distribution of auroral kilometric radiation	1976
19770015959	Machine solutions of partial differential equations in the numerically generated coordinate systems	1976
19770016114	Feasibility study of modern airships, phase 2. Volume 1: Heavy lift airship vehicle. Book 3: Aerodynamic characteristics of heavy lift airship as measured at low speeds	1976
19770016685	Development of an infrared analyzer following the bifrequency principle for automatic and continuous measurement of gaseous emissions	1976
19770016703	Skylab experiment S063UV airglow horizon photography	1976
19770016768	Kosmos-782 post-flight biochemical studies of various organs and tissues of rats	1976
19770016958	Improved ultrasonic standard reference blocks	1976
19770017096	Observations of ion cyclotron waves within the plasmasphere by Hawkeye-1	1976
19770017608	Comment on relative atmospheric aerosol content from ERTS observations	1976
19770017659	WATSUN: A solar heating simulation and economic evaluation program	1976
19770017660	Progress report on the performance of three Australian solar hot water systems	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770017667	Determining the technical and economic feasibility of utilizing solar energy for heating buildings in Canada	1976
19770018207	US Army helicopter design datcom. Volume 1: Airfoils	1976
19770018327	Determination of the impurities in some pure metals, alloys, ores, plants, and coating materials with emission spectrography	1976
19770018441	Modulation studies for direct satellite communication of voice signals	1976
19770019684	Energy Conversion Alternatives Study (ECAS), Phase 2. Volume 1: Summary and combined gas-stream turbine plant with an integrated low-BTU gasifier	1976
19770019685	Energy Conversion Alternatives Study (ECAS), Phase 2. Volume 2: Summary and combined gas-steam turbine plant using coal derived liquid fuel	1976
19770019686	Energy Conversion Alternatives Study (ECAS), Phase 2. Volume 3: Summary and advanced steam plant with pressurized fluidized bed boilers	1976
19770019687	Energy Conversion Alternatives Study (ECAS), phase 2. Volume 1: Executive summary	1976
19770019688	Energy Conservation Alternatives Study (ECAS), phase 2: Volume 2: Advanced energy conversion systems, - conceptual designs. Part 1: Analytical approach	1976
19770019689	Energy Conversion Alternatives Study (ECAS), phase 2. Volume 2: Advanced energy conversion systems - conceptual designs. Part 2: Closed turbine cycles	1976
19770019690	Energy Conversion Alternatives Study (ECAS), phase 2. Volume 2: Advanced energy conversion systems - conceptual designs. Part 3: Open cycle gas turbines and open cycle MHD	1976
19770019691	Energy Conversion Alternatives Study (ECAS), phase 2. Volume 2: Advanced energy conversion systems: Conceptual designs. Part 4: Summary of results	1976
19770019692	Energy Conversion Alternatives Study (ECAS), phase 2. Volume 3: Research and development plans and implementation assessment	1976
19770019795	Correlated electric field and low-energy electron measurements in the low-altitude polar cusp	1976
19770020320	Test and Evaluation of Water Vapor Radiometers and Determination of Their Capability to Measure Tropospheric Propagation Path Length	1976
19770021024	Dielectronic recombination in laser generated plasmas	1976
19770021181	Stagnation region gas film cooling spanwise angled coolant injection	1976
19770022135	An assessment of the airplane drag problem at transonic and supersonic speeds, 15 July 1974	1976
19770022942	On computing the singular value decomposition	1976
19770023749	Design and execution of the marine stratocumulus experiment	1976
19770024096	Developing and testing of a wastewater recycler and heater	1976
19770024348	Studies relevant to the reactions of gaseous impurities with circuit materials in helium cooled reactors	1976
19770025036	Preliminary design of experiment high power	1976
19770025037	Review of the state of the art with Tokamaks in USSR	1976
19770025038	TORUS 2. Part 2: Technical description of the design proposal	1976
19770025039	Asymptotic behaviour of Gordeyev's integral	1976
19770025271	Sandia Laboratories' participation in the rocket borne Dutch-Japanese stellar X-ray experiment	1976
19770025952	Axisymmetric MHD stability of sharp-boundary Tokamaks	1976
19770025953	Ideal MHD stability of m less than or equal to 2 modes in diffuse high-beta, 1 equal to 1 equilibria	1976
19770025960	Some analytical results for toroidal magnetic field coils with elongated minor cross-sections	1976
19770025968	Construction of a high beta plasma source	1976
19770025969	Stationary convective-like mode in a plasma	1976
19770025970	JET project (design proposal)	1976
19770025971	Spectral line profiles in weakly turbulent plasmas	1976
19770025973	Numerical simulation of neutral particle evolution in the plasma of a Tokamak	1976
19770026745	Monitoring air quality with lichen: A feasibility study	1976
19770026775	Search for North American microtektites in Georgia coastal plain sediments	1976
19770027085	Dynamics of continua and particles from general covariance of Newtonian gravitation theory	1976
19770043812	Life in extreme environments - Biological water requirements	1976
19770068846	Development and application of an application of an interferometric system for measuring crack displacements	1976
19770068847	Automated directional solidification system for space processing	1976
19770068848	Study of cosmic ice and clathrate hydrate system as related to cometary physics: A critical evaluation of possible experiments in a zero-gravity environment	1976
19770069274	Lunar rock surface phenomena	1976
19770069278	Rocket/satellite program in aeronomy. Task 1: Rocket probes	1976
19770069279	Sound tube measurements of the relaxation frequency of moist nitrogen	1976
19770069312	Comparison of genetic algorithms and gradient-based optimizers on parallel processors: Efficiency of use of processing capacity	1976
19770069350	Glossary of stratigraphic terms of the Mogollon-Datil volcanic province, New Mexico	1976
19770069352	Improved space shielding methods	1976
19770069585	Research in space science and technology	1976
19770069586	Investigation of models for large-scale meteorological prediction experiments	1976
19770069587	A case of elasto-plastic flow using a new special element	1976
19770069596	Analysis of satellite data for sensor improvement	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770069597	Radiative transfer in realistic planetary atmospheres	1976
19770069598	Design of noninteracting flight control systems in the presence of large parameter variations	1976
19770069599	Remote sensing utility in a disaster struck urban environment	1976
19770069601	Damage repair technology for composite materials	1976
19770069602	To predict unsteady airloads in two dimensional subsonic compressible flow	1976
19770069604	The study of the physics of cometary nuclei	1976
19770069608	Survey and design (utilization of earth observation satellites)	1976
19770069695	Identifying and mapping forest resources from small-scale color-infrared airphotos	1976
19770069696	Lunar data synthesis	1976
19770069698	On multidisciplinary research on the application of remote sensing to water resources problems	1976
19770069699	Effect of interference on delta modulator encoded video signals	1976
19770069702	Digital flight compensation for descending constant velocity spiral paths	1976
19770069703	Studies in transonic flow 4: Unsteady transonic flow	1976
19770069704	Ground software special processing functions for OFT missions: Gaseous nitrogen and oxygen quantity computations	1976
19770069705	Rocket/satellite program in aeronomy. Task 2: Data analysis	1976
19770069706	Self-consistent structure of metallic hydrogen	1976
19770069736	The dynamics of spin stabilized spacecraft with movable appendages	1976
19770069769	Tectonic significance of mid-tertiary volcanism in the basin and range province. A critical review with special reference to New Mexico	1976
19770069770	Stratigraphy and structure of the northwestern part of the Mogollon Plateau volcanic province, Catron County, New Mexico	1976
19770069771	Volcano-tectonic structures in the San Mateo Mountains, Socorro County, New Mexico	1976
19770069772	Geology and Flow Directions of Volcanic Rocks of the North Star Mesa Quadrangle, Grant County, New Mexico	1976
19770069773	Structure and petrology of the John Kerr Peak dome complex, southwestern New Mexico	1976
19770069774	Petrologic framework of the Mogollon Plateau volcanic ring complex, New Mexico. Surface expression of a major batholith	1976
19770069775	Gravity Survey of the Mogollon Plateau Volcanic Province, Southwestern New Mexico	1976
19770069776	Fission-track ages of tertiary volcanic and plutonic rocks, Mogollon Plateau, southwestern New Mexico	1976
19770069777	Control of mineralization by mid-tertiary volcanic centers, southwestern New Mexico	1976
19770069785	Volcanic Geology of the Northern Black Range, New Mexico	1976
19770069789	Results of joint Soviet-American experiment for studying the natural environment	1976
19770069889	Graduate study research program in aeronautics and air transportation systems	1976
19770069890	Studies of lunar remanent magnetism and of interplanetary discontinuities	1976
19770069891	Linear analysis and pointing performance prediction of ASPS/space shuttle system	1976
19770069893	Investigation of the daytime lunar atmosphere for lunar synthesis program	1976
19770069894	Cornell University remote sensing program	1976
19770069895	Astrometric observations of comets and asteroids and subsequent orbital investigations	1976
19770069896	Accidental non-ideal explosions	1976
19770069897	Optimal filtering and filter stability of linear stochastic delay systems	1976
19770069898	Process feasibility study in support of silicon material, task 1	1976
19770069909	Zeros of functions in finite Abelian group algebras	1976
19770069931	Satellite situation report, volume 16, no. 4	1976
19770069932	Satellite situation report, volume 16, no. 5	1976
19770069938	Application of laser Doppler velocimeters to subsonic boundary-layer measurements	1976
19770069955	To predict unsteady airloads in two-dimensional subsonic compressible flow	1976
19770069959	System update of a combined Scanning Electron Microscope-Auger Electron Spectrometer (SEM-AES)	1976
19770069962	Silicon materials task, part 3: Low-cost silicon solar array project	1976
19770069963	Accelerated/abbreviated test methods, study 4 of task 3 (encapsulation) of the low-cost silicon solar array project	1976
19770069964	Development of a process for high capacity arc heater production of silicon for solar arrays	1976
19770069965	Phase of the automated array assembly task of the low cost silicon solar array project	1976
19770069966	Automated array assembly	1976
19770069967	Floating substrate process: Large area silicon sheet task low-cost silicon solar array project	1976
19770069968	Heat exchanger-ingot casting/slicing process	1976
19770069969	Investigation of test methods, material properties and processes for solar cell encapsulants	1976
19770069971	Evaluation of selected chemical processes for production of low-cost silicon	1976
19770069972	Integral glass encapsulation for solar arrays	1976
19770069973	Novel duplex vapor-electrochemical method for silicon solar cells	1976
19770069974	Determination of a definition of solar grade silicon	1976
19770069975	Novel duplex vapor-electrochemical method for silicon solar cells	1976
19770069976	The nebulosity near the quasar 3C249.1	1976
19770069977	Optical spectrum of HDE 245770(A0535+26)	1976
19770069978	Evaluation of upwelling infrared radiance in a nonhomogeneous nonequilibrium atmosphere	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770069979	Air pollution from aircraft	1976
19770069980	Interaction of radiation with planetary gases	1976
19770069981	Unsteady subsonic and supersonic potential aerodynamics for complex configurations	1976
19770069982	Infrared laboratory studies of synthetic planetary atmospheres	1976
19770069983	Measurements of discrete vortex noise in a closed-throat wind tunnel	1976
19770069984	Medium resolution of infrared spectroscopy from the G. P. Kuiper Airborne observatory (C-141)	1976
19770069985	Optimization of MLS receivers for multipath environments	1976
19770070009	Drought in the Sahara: Insufficient biogeophysical feedback?	1976
19770070020	Research into the construction of multiple layer thin film high energy density capacitors	1976
19770070021	Inviscid transonic flow computations	1976
19770070022	Program of research in severe storms in the Joint Institute for Advancement of Flight Sciences at the NASA-Langley Research Center	1976
19770070023	Solar system photopolarimetry	1976
19770070024	A research in support of NASA's space science	1976
19770070025	Interdisciplinary study of planetary atmospheres	1976
19770070026	Catalysts for electrochemical generation of oxygen	1976
19770070029	Theoretical studies of diffuse reflection and transmission of radiation in planetary atmospheres	1976
19770070030	Semiannual Status Report, 1 April - 30 September 1976	1976
19770070031	Magnetosphere of Mercury	1976
19770070032	Microbiological performance testing on the water management sub-system for a four-man space capsule	1976
19770070033	Meteoroid mass flux studies	1976
19770070034	The photodetachment cross section and threshold	1976
19770070607	Synthesis of silane and silicon in a non-equilibrium plasma jet	1976
19770070797	Research on computer needs for a whole earth dynamical model	1976
19770070834	Cerebrospinal fluid (Ca-2+) and rectal temperature response during exercise in dogs	1976
19770070849	Effects of time varying aircraft noise on complex human performance	1976
19770070869	Large area Czochralski silicon	1976
19770070872	Analytic derivation and evaluation of a state-plane-trajectory control law for dc-to-dc converters	1976
19770070873	An interpretation of the spectrum of the red rectangle	1976
19770071051	The investigation of carbon dioxide absorption on Mars and Venus	1976
19770071052	Application of LANDSAT data to agricultural resource problems with emphasis on the North American great plains	1976
19770071053	Study of high energy radiation associated with solar flares and auroral zone phenomena	1976
19770071054	Map lunar surface remanent magnetic fields by the electron reflection method using Apollo 15 and 16 subsatellite data	1976
19770071055	Amplification of Reynolds number dependent processes by wave distortion	1976
19770071056	Effect of composite sandwich structures subjected to low velocity impact	1976
19770071057	High precision polarimetry of meteorites	1976
19770071058	Localization and ultrastructural and histochemical characteristics of the central emetic apparatus related to motion sickness and emetic drugs in the squirrel monkey and dog	1976
19770071059	Nuclear magnetic resonance studies of atomic motion: Critical relaxation in KH ₂ AsO ₄ ; diffusion measurement with a cw spectrometer; sodium ion motion in Beta-alumina	1976
19770071060	Investigation of digital flight control systems	1976
19770071072	Technological and economic factors affecting the retirement dates of commercial jet aircraft	1976
19770071077	Characterization of lunar magmatic rock types, their petrogeneses and probable parent magmas	1976
19770071078	Friction and abrasion of elastomeric materials	1976
19770071079	A study of the redox photochemistry of a number of iron complexes	1976
19770071080	Planetary observations and data interpretations	1976
19770071092	A statistical study of ozone in the atmosphere	1976
19770071199	GSFC Preferred Parts List PPL-13	1976
19770071212	Thermal inertial mapping	1976
19770071480	Determination of bacterial concentrations by firefly luciferase ATP assay, photobacterial luciferase FMN assay and luminol iron-porphyrin assay	1976
19770071482	Twenty-fourth and twenty-fifth semiannual reports of activities and expenditures, 1 October 1975 - 30 September 1976	1976
19770071483	Detection techniques for tenuous planetary atmospheres	1976
19770071484	Pulsed electromagnetic gas acceleration	1976
19770071507	The separated turbulent boundary layer over a wavy wall	1976
19770071516	Fuel-saving aircraft	1976
19770071522	Investigation of the subsonic magnetosheath plasma and magnetic field data from Explorer 33	1976
19770071523	Models and techniques for evaluating the effectiveness of aircraft computing systems	1976
19770071877	Reaction control engine exhaust impingement on thermal control surfaces. Test program and results	1976
19770071896	Establishment of an analytical model for natural water systems	1976
19770071900	Application of remote sensing to state and regional problems	1976
19770071905	Ionosphere Research	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770071925	A study of the local pressure field in turbulent shear flow and its relation to aerodynamic noise generation	1976
19770071926	Tumbling entry heating programs: TEHEAT and BENTRY users manual	1976
19770071927	Satellite situation report, volume 16, no. 6	1976
19770071933	Military standard: Standard parts list for flight and mission-essential ground support equipment	1976
19770072042	Solar silicon via improved and expanded metallurgical silicon technology	1976
19770072043	Silicon materials task of low cost solar array project, part 2	1976
19770072045	Semiconductor grade, solar silicon purification project	1976
19770072046	Silicon sheet growth by the inverted Stephanov technique	1976
19770072740	Frustrum location aid	1976
19770072782	Uranium in Prehistoric Indian Pottery	1976
19770072798	Synchronous earth observatory satellite/large earth survey telescope. Volume 5: Earth resources narrow field sensor conceptual design	1976
19770073025	Silicon ribbon growth by a capillary action shaping technique	1976
19770073026	Conceptual approach study of a 200 watt per kilogram solar array	1976
19770073548	Battery literature search, bibliography and abstracts, volume 3	1976
19770073549	Battery literature search, bibliography and abstracts, volume 4	1976
19770074349	ATS-F Comsat millimeter wave propagation experiment data analysis report, part 2, attachment 2	1976
19770074485	Development of a high efficiency thin silicon solar cell	1976
19770074486	Development of methods and procedures for high rate low energy expenditures fabrication of solar cells	1976
19770074487	Development of a high efficiency thin silicon solar cell	1976
19770074488	Studies on encapsulation materials for terrestrial photovoltaic arrays	1976
19770074499	Silicon materials task of the low cost solar array project, part 2	1976
19770074513	Advanced thermionic technology program	1976
19770074722	Comfort judgements as a function of age of passenger and noise and vibration encountered on urban mass transit vehicles	1976
19770074733	Investigation of ode integrators using interactive graphics	1976
19770074834	Some long rate one-half binary convolutional codes with an optimum distance profile	1976
19770074864	Research investigation directed toward extending the useful range of the electromagnetic spectrum	1976
19770074937	Annual progress report, 1 July 1975 - 30 June 1976	1976
19770075027	The calculation of theoretical chromospheric models and predicted OSO I spectra	1976
19770075036	Aerothermodynamic data base, phase C	1976
19770075037	Aerothermodynamic data base, phase C	1976
19770075038	Aerothermodynamic data base, phase C	1976
19770075039	Aerothermodynamic data base, phase C	1976
19770075040	Aerothermodynamic data base, phase C	1976
19770075041	Aerothermodynamic data base	1976
19770075042	Aerothermodynamic Data Base	1976
19770075043	Aerothermodynamic data base	1976
19770075156	CASH (Catalog of Available and Standard Hardware)	1976
19770075227	The application of brillouin scattering to flow field diagnostics	1976
19770075480	Feature extraction techniques for classification and identification of spectral signatures	1976
19770075587	Annual technical report, 1 July 1975 - 30 June 1976	1976
19770075603	Publications of the aero-astronautics group 1965 - 1976	1976
19770075650	Large, high resolution integrating TV sensor for astronomical applications	1976
19770075835	Optical integrated circuits-passive and active elements	1976
19770075856	Precision multiband viewer study	1976
19770076361	RCA-B/Delta post launch report no. 1	1976
19770076463	Thermal microwave emission from half-space random media	1976
19770076525	Electron temperature measurements in a copper chloride laser utilizing a microwave radiometer	1976
19770076746	Final Report, October 1974 - October 1976	1976
19770076762	Petrology and chemistry of basalts from the Nazca plate. Part 1: Petrography and mineral chemistry	1976
19770076813	Sources of the solvent-soluble organic matter in the glacial sequence of DSDP samples from the Norwegian-Greenland Sea, leg 38	1976
19770076862	Screwworm Eradication Data System (SEDS) system software performance specification	1976
19770076950	Differences in the production of noncharacteristic radiation in solid and gas targets	1976
19770076975	Document restoration by digital image processing	1976
19770077055	Plasma wave electric fields in the solar wind: Initial results from Helios-1	1976
19770077060	Galactic cosmic ray intensity from 1 to 9 A.U.	1976
19770077150	Tethered LM/ATM concept. Case 103-3	1976
19770077365	Low cost silicon solar array project. Task 1: Establishment of the feasibility of a process capable of low cost, high volume production of silane, SiH4	1976
19770077550	Cardiovascular function during sustained +G sub z stress. 1: Coronary hemodynamics, left ventricular function and blood oxygen saturation	1976
19770077625	A technique for the deconvolution of the pulse shape of acoustic emission signals back to the generating defect source	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770077995	Proposed utilization of ion implanted filaments as ion sources for in situ calibration of unmanned space vehicles and other applications	1976
19770078378	Report of 28-day bedrest simulation of skylab. Volume 1: Protocols	1976
19770078648	Holographic analysis and interpretation of the 5 megahertz radar imagery of the Apollo lunar sounder experiment in Maria Serenitatis and Crisium	1976
19770078649	Orbital radar evidence for lunar subsurface layering in Maria Serenitatis and Crisium	1976
19770078650	Interpretation of Radar Detected Subsurface Features in Mare Serenitatis	1976
19770078670	Three contributions to minimum weight structural optimization with dynamic aeroelastic constraints	1976
19770078717	Computer assistance for the structural chemist	1976
19770078722	Overcoming the Doppler limitation in beamfoil spectroscopy by target ion spectroscopy: High ionization-excitation states of slow Ne9(+) ions and their mass dependent symmetric collision interactions	1976
19770078793	Design of single-winding energy-storage reactors for dc-to-dc converters using air-gapped magnetic core structures	1976
19770078826	Development of large format electrographic cameras	1976
19770078832	High energy molecular lasers	1976
19770078988	Field Exposure of Two Upland Cover Types to Solid Rocket Motor Fuel Emissions	1976
19770079076	Botanical Studies on Merritts Island	1976
19770079088	Ichthyological studies. Volume 1: Text and literature	1976
19770079089	Ichthyological studies. Volume 2: Appendices	1976
19770079090	Reproductive Parameters for Nine Avian Species at Moore Creek, Merritt Island National Wildlife Refuge	1976
19770079091	Studies of marine turtles at KSC and an annotated list of amphibians and reptiles of Merritt Island	1976
19770079092	Some effects of solid rocket motor fuel exhausts on avian embryos	1976
19770079220	Energy distributions and radiation transport in uranium plasmas	1976
19770079820	A comparison of Lyman alpha and Hel lambda 10830 line structure and variations in early-type star atmospheres	1976
19770079860	Spacelab mission simulation 2, crew debriefing transcripts: Debriefings conducted February 3 and 4, 1976	1976
19770079921	Hypergolic propellants liquid and vapor disposal, phase 5	1976
19770079926	NASA manufacturers' codes	1976
19770080020	Data analysis for ISIS soft particle spectrometer data	1976
19770080209	A mathematical model of an in vitro human mandible	1976
19770080293	Inelastic energy losses in large-angle ion-atom scattering	1976
19770080303	Image processing technology	1976
19770080479	Life sciences spacelab mission simulation 2, general summary	1976
19770080750	Advanced thermionic energy conversion: Joint highlights and status report	1976
19770080821	Effects of precipitation on the eddy exchange in a wind driven sea	1976
19770081051	Selective bibliography of world literature on electric traction for railroads (1970 - 1975 period)	1976
19770081070	Research in particles and fields	1976
19770081413	Method for improving the efficiency of photovoltaic cells	1976
19770081500	Physical environment atlas of coastal Alabama	1976
19770081814	Lunar dynamics and selenodesy: Results from analysis of VLBI and laser data	1976
19770081816	Studies related to the evolution of lunar soil material	1976
19770081818	A spectral atlas of the sun between 1175 and 2100 angstroms	1976
19770081902	Analytical studies of some acoustic problems of jet engines	1976
19770082292	Development of a plasma fluctuation diagnostic tool for the NASA Lewis bumpy torus experiment	1976
19770082744	Stereographic cloud heights from imagery of SMS/GOES satellites	1976
19770082745	Cloud elevations in near real time	1976
19770083503	Determination of a definition of solar grade silicon	1976
19770084342	Molecular analysis of UV-photoproduced organic solids synthesized under simulated Jovian conditions	1976
19770084820	Circulation study near Cape Henry, Virginia, using lagrangian techniques	1976
19770084959	Electron-metal atom collision cross sections	1976
19770085110	Aerodynamic Characteristics at Mach 0.60 to 2.86 of a Canard-Controlled Span Constrained Missile for Missions at Low to Moderate Altitudes	1976
19770085114	Conference on hydraulic fluids: A compilation of presentations and papers	1976
19770085115	Advanced systems design study of a variable geometry rotor for the RSRA. Volume 1: Design, analysis, and development plan	1976
19770085116	Advanced systems design study of a composite structures rotor for the RSRA. Volume 1: Design, analysis, and development plan	1976
19770085117	Advanced systems design study of a composite structures rotor for the RSRA. Volume 2: Development plan costs	1976
19770085120	Evaluation of low-cost titanium structure for advanced aircraft	1976
19770085122	Technology assessment studies applied to supersonic cruise vehicles	1976
19770085128	Advanced systems design study of a variable geometry rotor for the RSRA. Volume 2: Development plan costs	1976
19770085132	A study of powerplant management systems for general aviation reciprocating engines	1976
19770085133	The effects of engine noise and rotor broadband noise on civil helicopter operations	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085136	A technique for monitoring a contaminant hazard in a vacuum chamber	1976
19770085137	Advanced space system concepts and their orbital support needs (1980-2000). Volume 1: Executive summary. (Study of the commonality of space vehicle applications to future national needs)	1976
19770085138	Advanced space system concepts and their orbital support needs (1980-2000). Volume 2 (Study of the commonality of space vehicle applications to future national needs)	1976
19770085139	Advanced space system concepts and their orbital space needs (1980-2000). Volume 3: Detailed data, part 1: Catalog of initiatives, functional options, and future environments and goals. (A study of the commonality of space vehicle applications to future national needs)	1976
19770085140	Advanced space system concepts and their orbital space needs (1980-2000). Volume 4: Detailed data, part 2: Program plans and common support needs. (A study of the commonality of space vehicle applications to future national needs)	1976
19770085143	Payload utilization of SEPS, volume 1: Executive summary	1976
19770085144	Payload utilization of SEPS. Volume 2: Automated payload utilization of SEPS	1976
19770085145	Payload utilization of SEPS. Volume 3: Exploitive missions for SEPS	1976
19770085146	Preliminary considerations for an ISEE-C least squares orbit determination strategy	1976
19770085147	A concept for a Payload Operations Control Center Network (POCCNET)	1976
19770085148	Spinning solid upper stage for Delta- and Atlas/Centaur-class missions (study 2.6). Volume 2: Appendix A: Drawings	1976
19770085149	Spinning solid upper stage for Delta- and Atlas/Centaur-class missions (study 2.6). Volume 1: Executive summary	1976
19770085150	Spinning solid upper stage for Delta- and Atlas/Centaur-class missions (study 2.6). Volume 2: Technical report	1976
19770085151	Spinning solid upper stage for Delta- and Atlas/Centaur-class missions (study 2.6). Volume 2: Appendix A	1976
19770085152	The effect of tubular boom flexibility on position and spin control of a dual-spin spacecraft	1976
19770085155	Systems concepts for STS-derived heavy-lift launch vehicles study. Volume 1: Executive summary	1976
19770085156	Systems concepts for STS-derived heavy-lift launch vehicles study. Volume 2: Vehicle screening	1976
19770085157	Systems concepts for STS-derived heavy-lift launch vehicles study. Volume 3: Configurations concepts	1976
19770085158	Systems concepts for STS-derived heavy-lift launch vehicles study. Volume 4: Cost estimates	1976
19770085160	SRB reentry thermal environment data book, volume 2	1976
19770085162	Integrated STS operations planning (study 2.5). Volume 1: Executive summary. STS operational management concepts	1976
19770085163	Integrated STS operations planning (study 2.5). Volume 2: STS operational management assessment	1976
19770085164	Integrated STS operations planning (study 2.5). Volume 3: Phase 2 STS operational management assessment	1976
19770085166	Shuttle POGO program	1976
19770085169	Auxiliary payload power system study. Volume 3E, Task 5: Further definition of final baseline APPS	1976
19770085170	Initial position estimates for satellite-aided search and rescue	1976
19770085171	Telemetry and remote control procedures	1976
19770085176	Booster separation motor fracture control plan	1976
19770085177	Advanced nondestructive testing of scout rocket motors	1976
19770085185	Booster separation motor aging surveillance program plan	1976
19770085188	Noise temperature computation for microwave antennas	1976
19770085189	Improved testing techniques for microcircuit wafers	1976
19770085195	Development of flight aluminum oxide water vapor sensor systems	1976
19770085196	Holographic study of bonds and debonds on solar cell module interconnects	1976
19770085197	Hazard control plan for precision laser tracking system at Edwards Air Forces Base, California	1976
19770085199	Development of short-length self-acting seal	1976
19770085200	Development of a high-speed, small bore bearing test machine	1976
19770085201	Development of a synergistic type shaft seal for aircraft transmissions	1976
19770085203	Response prediction in preliminary design	1976
19770085204	Sampling techniques for ground truth data acquisition in microwave remote sensing of soil moisture	1976
19770085205	Ground truth data for the joint soil moisture experiment, 12 April 1976 mission, Lawrence-Topeka site	1976
19770085206	Remotely sensing soil moisture with radar	1976
19770085207	Soil moisture experiment (Kansas): Documentation of radar backscatter and ground truth data	1976
19770085208	Interconnect and bonding technologies for large flexible solar arrays, phase 2	1976
19770085213	Error evaluation of a rocket meteorological temperature sounding system	1976
19770085217	MCP-11 - I/O handlers reference manual	1976
19770085218	Data accountability system archive tape processor	1976
19770085219	HASP-2 operations and installation procedures	1976
19770085223	Plated wire random access memory	1976
19770085224	Modification of SSME data acquisition and control	1976
19770085225	Marshall Mated Element System (MMES) documentation generation	1976
19770085229	Sample enrichment study for Jupiter orbiter probe	1976
19770085233	Preliminary Jupiter probe radiation hazard assessment	1976
19770085252	Advanced cost estimating and synthesis techniques for avionics data processing software and hardware	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085256	Inlet distortion scaling of wind tunnel model results	1976
19770085261	Space processing payload equipment	1976
19770085263	Low-gravity processing of superconducting compounds	1976
19770085264	Satellite Power System (SPS) feasibility study	1976
19770085293	Satellite power system (SPS) feasibility study, executive summary	1976
19770085303	Multi-use Mission Support Equipment (MMSE) Study. Volume 2, book 1: Requirements, definitions, and design analysis	1976
19770085304	Multi-use Mission Support Equipment (MMSE) study. Volume 2, book 2: Appendix	1976
19770085305	Multi-use Mission Support Equipment (MMSE) study. Volume 3: Project cost estimates	1976
19770085306	Multi-use Mission Support Equipment (MMSE) catalogue	1976
19770085327	Reliability testing for assessment of application and environmental stresses on long life characteristics of solid tantalum capacitors	1976
19770085332	System optimization of gasdynamic lasers	1976
19770085344	Application of stationkept array concepts to satellite solar power station design. Volume 1: Executive summary	1976
19770085345	Application of stationkept array concepts to satellite solar power station design. Volume 2: Detailed technical analysis	1976
19770085346	Application of stationkept array concepts to satellite solar power station design. Volume 3: Appendices	1976
19770085352	Tectonic and elasticity studies in the Virgin Islands. Sea level measurements, tiltmeter measurements, and precision leveling	1976
19770085375	New device for melting without a conventional crucible fusion of high melting oxides in a multitubular system	1976
19770085378	Antenna park feasibility analysis	1976
19770085380	Design verification of the Wagner P/N 28VS100y-10A converter	1976
19770085381	Design verification of Bendix P/N 25B23-4A voltage regulator	1976
19770085383	A matrix management information system	1976
19770085384	The oil shortage: Cause, effects and alternatives	1976
19770085385	Tactical and night operations flight maps	1976
19770085386	Synthesis and modification of carboxylated polyphenylenes and phenylated polyimides	1976
19770085388	Preparation of high density extruded and pressed grains of low vulnerability propellant	1976
19770085390	Study of multi-state PN sequences and their application to communication systems	1976
19770085391	Operational evaluation of anti-exposure hoods and mittens	1976
19770085392	Sea salt measurement	1976
19770085393	Realism in operational test and evaluation for close air support	1976
19770085396	Preliminary test of Human Performance Prediction Systems (HUPPS)	1976
19770085397	Data processing system requirements	1976
19770085398	Environmental test program for STINGER launch motors and weapon round	1976
19770085399	Radar-sensors for high-value Air Force resource security	1976
19770085400	Naval evaluation of a contractor-developed radar (WX-50) on a TA-4J airplane	1976
19770085401	Installation of field change 1-AN/SPN-42 on the USS NIMITZ	1976
19770085402	A flight profile combined environments reliability test of the AN/APQ-146 terrain following radar system	1976
19770085403	IOT and E of the experimental radar prediction device ERPD	1976
19770085405	Tracking accuracy of the mirror scan antenna in a 2D configuration	1976
19770085408	Continuing development of OTH radar processing for specification of sea surface conditions	1976
19770085409	An investigation of airblast diffraction loading on simple structural shapes	1976
19770085410	Interference studies for advanced point sampling alarms	1976
19770085411	Coupling of an electromagnetic pulse to the B-1 aircraft through the wing root and engine areas	1976
19770085412	Guidelines for application to single-line modeling of B-1 internal coupling	1976
19770085415	Electromagnetic scale model of TEMPS/Polk city test configuration	1976
19770085416	MTS 7500 system test report	1976
19770085418	Investigation of the process involved in the decomposition of nickel carbonyl and the construction of its mathematical model	1976
19770085420	Second prototype rifle laser marksmanship system	1976
19770085421	Reflections from ice during laser operations, US Army Artic Test Center, Fort Greely, Alaska, March 1976	1976
19770085426	ARPA laser program	1976
19770085428	Thermal analyses and experimental data correlations performed in 1975 for MTU laser components	1976
19770085431	Test and evaluation of the Nord SLR electronic studio/school camera	1976
19770085432	Aviation facilities ships helicopter facility resume, revision E, change 1	1976
19770085434	Independent evaluation report of Simplified Test Equipment for Internal Combustion Engine Powered Materiel (STE/ICE-PM)	1976
19770085436	Engineering analysis of selected advanced propulsion concepts, 2	1976
19770085437	ABRES nosetip thrust chamber assembly tester	1976
19770085438	Braided composite six and three eighth inch rocket motor case	1976
19770085439	Development test 3 of generator set, 200-KW, 50/60 Hz, MEP model MEP-009A (utility class)	1976
19770085441	Engineering evaluation of the Aerospace Avionics, Incorporated, P/N702775, 100 VA, single phase, static inverter	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085442	Qualification of General Electric 20 KVA variable speed constant frequency VSCF electric generating system	1976
19770085443	Research test of thermoelectric power source, PP-6075()/U	1976
19770085444	Electrical design verification tests of the A-7D/E emergency power package	1976
19770085448	A-4M RAM air turbine driven emergency power package, engineering investigation	1976
19770085452	On certain problems of dynamic programming	1976
19770085454	Structure and properties of titanium aluminide T13 Al and certain alloys based on it	1976
19770085457	Spectral characteristics of Whittaker's smoothing method	1976
19770085460	Towed thermistor chain measurement of upper open ocean internal waves	1976
19770085469	Prediction of the shear strength and compaction characteristics of compacted fine-grained cohesive soils	1976
19770085470	Development test 2 of 15000 BTU/HR heater	1976
19770085474	Some trends in the development of high-strength aviation alloys	1976
19770085478	Comparison of three methods of programmed inversion and solution of large systems of normal equations	1976
19770085480	Preliminary cryo cooler design for satellite sensors, volume 1	1976
19770085481	Investigation of selective paint strippers for the removal of MIL-C-81773 polyurethane topcoat from naval aircraft	1976
19770085482	Historical summary of development of a 0.5 % carbon dioxide scrubber and ship alteration package	1976
19770085487	Investigations of the approximation of the earth's surface for simple-layer potential in satellite geodesy	1976
19770085488	Detailed geoid structures from satellite altimetry observations	1976
19770085489	Photoionization cross sections for O, N Al and their ions	1976
19770085492	Automating cartographic generalization	1976
19770085497	EMP response of the B-1 aircraft for inadvertent penetration of Coupling. Volume 1. Development of inadvertent penetration coupling models	1976
19770085498	On the feasibility of including the effects of store separation in free-fall weapon ballistics	1976
19770085499	The deviant scaling resolution of hollow cylinder projectile penetration	1976
19770085500	Weather effect on blast	1976
19770085501	Focused-Fragment Controlled-Motion (FFCM) vulnerability theory	1976
19770085502	Aerial radiac system AN/ADR-6(XE-4)(V)	1976
19770085503	An improved projectile boattail, part 3	1976
19770085505	Blast traversal study	1976
19770085506	Electromagnetic effects of rain and sand erosion of ceramic radomes	1976
19770085507	Concept evaluation (customer test) of laser integrated periscope (LIP)	1976
19770085508	Study report on the feasibility of castable pyrotechnic compositions with colored smoke and/or colored flame and smoke charges	1976
19770085510	Stabilized turrets in armored vehicles	1976
19770085511	Radar measurement of muzzle velocity	1976
19770085512	Methodology investigation of shock data reduction for multiple degree of freedom systems	1976
19770085516	Carrier suitability tests of A-6E pave knife airborne laser designator system	1976
19770085517	Laser-induced fracture in silicon, flaw interaction studies, and fracture in granular materials	1976
19770085519	Extrinsic silicon detector array	1976
19770085523	Yawsonde data from firings in the Nicolet winter test program 1974 - 1975	1976
19770085524	Experimental Magnus characteristics of the Army M422 projectile at Mach numbers from 0.6 - 1.6	1976
19770085525	Control surface and port impedance measurements on the AN/DAW-1	1976
19770085528	Overpressure effects on structures	1976
19770085529	The mechanics of central peak formation in shock wave cratering events	1976
19770085530	Design and testing of a steady-state enthalpy probe for use in high pressure arc-heated gas flows	1976
19770085531	Muzzle blast flow field calculations	1976
19770085551	Laser tracking system mounted on AN/MPS-36 radar, White Sands Missile Range, New Mexico, 4 March 1976	1976
19770085552	Evaluation of the development test 2 of the AN/GVS-5 laser rangefinder, April 1976	1976
19770085553	Critical resources and their implication on United States economic and foreign policy	1976
19770085555	Advanced technology BMDATC support	1976
19770085556	Structural integrity analysis of the Sidewinder/Chaparral propellant grain	1976
19770085558	Qualification test of the Thiokol TE-M-616-05 solid-propellant rocket motor at simulated altitude conditions. Phase 1: Motor preconditioned at 20 deg F	1976
19770085559	Altitude performance of five Thiokol Chemical Corporation TE-345 Titan 2 Vernier motors having ages ranging from 148 to 162 months	1976
19770085560	Simulated altitude performance of Mark 2 reentry vehicle spin and pitch motors having ages from 115 to 149 months	1976
19770085561	Emitted radiation from special engines (ERASE). Part 1: Engine performance, pitot pressure surveys, and exhaust gas analysis	1976
19770085562	Simulated altitude performance of four Thiokol Chemical Corporation TE-344 Titan II retromotors having ages of 156 and 157 months.	1976
19770085564	Mechanical integrity studies	1976
19770085565	Rotary piston expander engine (Wankel type). Experimental test program	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085566	Zuni Rocket Motor nozzle cost/weight reduction program	1976
19770085568	Variable cycle engine selection program, phase 1. Volume 1: Results	1976
19770085569	Handbook of electrical insulating materials for deep ocean applications	1976
19770085570	User's manual for the advanced pointer/tracker system simulation	1976
19770085571	High efficiency I/J-band traveling-wave tube depressed collector study	1976
19770085574	Design and development of a process for fabricating prescored tungsten alloy and hemispheres	1976
19770085577	An analysis of airlift enhancements	1976
19770085578	Plant modernization and jet engine overhaul management	1976
19770085579	Trapped electron assessment study. Volume 2: Response of susceptible devices and materials to ionizing radiation	1976
19770085580	Determination of basic data for evaluation of rigid body response studies for the US Roland AW SHORAD system	1976
19770085582	A comparison of installation and protection techniques for nearshore electrical cables	1976
19770085583	A six-frequency beacon monitor receiver	1976
19770085586	Vulnerability of the TF 41 turbofan engine to fuel ingestion	1976
19770085587	Base flow control with combustion at supersonic velocities	1976
19770085588	The damping of tank oscillations with conducting dielectric shells	1976
19770085589	Capacitance bounds for geometries corresponding to an advanced simulator design	1976
19770085590	Cavity mode excitation	1976
19770085591	The effect of a center conductor on the resonant modes of a spherical cavity with a perfectly conducting wall	1976
19770085592	Operational feasibility test of M73 subcaliber rocket with slip-on nose adapter	1976
19770085593	Maximum ionospheric range errors for Air Defense Command radars	1976
19770085594	Constant growth	1976
19770085599	Marine gravimetric research	1976
19770085600	Selections from reference guide for the designer: The architecture of industrial enterprises, buildings and structures	1976
19770085601	Translations on USSR science and technology IGUO 8/76)	1976
19770085602	Analysis of the Gas Core Actinide Transmutation Reactor (GCATR)	1976
19770085603	Military Medical Journal, no. 3, 1976	1976
19770085604	Psychophysiological tests of gunner candidates	1976
19770085605	The psychophysiological instructions of pilots on how to act in cases of depressurized cockpits at high altitudes	1976
19770085608	Analytical model for remote sensing of water turbidity	1976
19770085609	Investigation of stimulated scattering processes as possible mechanisms in laser induced damage in nonlinear optical materials	1976
19770085610	Investigation of corona and electrical discharges on degradation of insulation materials	1976
19770085611	Photodissociation of CO2 and quenching of metastables	1976
19770085612	Radio frequency interference measurement experiment for ATS 6	1976
19770085616	Experimental tests and model calculations on wheat varieties grown in India/Pakistan and in Texas	1976
19770085617	AMPS definition study on Optical Band Imager and Photometer System (OBIPS)	1976
19770085626	High efficiency solar cell development pilot production phase	1976
19770085628	Thermoelectric power of organic metals	1976
19770085629	High temperature monodimensional superconductivity	1976
19770085630	Technology transfer: Transportation	1976
19770085632	Annual progress report (U)	1976
19770085633	Intagliated fiber optic phosphor screens (U)	1976
19770085634	Development of HTPB propellant for air launched missiles, volume 1 (U)	1976
19770085635	Development of HTPB propellant for air launched missiles, volume 2 (U)	1976
19770085636	Development of HTPB propellant for air launched missiles, volume 3 (U)	1976
19770085637	Development of HTPB propellant for air launched missiles, volume 4, appendices (U)	1976
19770085638	Modified high rate tactical HTPB propellant (U)	1976
19770085642	VLF/LF modem performance in atmospheric noise. Volume 1: Theoretical analysis	1976
19770085643	VLF/LF modem performance in atmospheric noise. Volume 2: User's guide and program documentation	1976
19770085644	High power, closed loop, adaptive system (HICLAS) study, volume 1	1976
19770085645	High power, closed loop, adaptive system (HICLAS) study, volume 2, appendices A-D	1976
19770085646	A new finite element supersonic kernel function method in lifting surface theory, volume 1	1976
19770085647	A new finite element supersonic kernel function method in lifting surface theory. Volume 2: User's manual	1976
19770085648	Hardened solar power system, phase 4	1976
19770085649	Hardened solar power system. Appendix A: Performance/design and test requirements specification, phase 4	1976
19770085650	Development Test 2 (DT 2) (service phase) of radio set, AN/PRC-70	1976
19770085651	Development test 2 (engineering phase) of radio set AN/PRC-70	1976
19770085652	LSI codem, Volume 2	1976
19770085653	LSI codem. Volume 3: Schematic drawings	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085654	Sandia test R422175, RMS-2, volume 1	1976
19770085655	Sandia test R422175, RMS-2, volume 2	1976
19770085656	Microwave Imager Sensor Study (MISS). Volume 1: Executive summary	1976
19770085657	Microwave Imager Sensor Study (MISS). Volume 2	1976
19770085658	B-52G aircraft/AGM-28A missile vertically polarized dipole experiment. Volume 1: Analysis	1976
19770085659	B-52G aircraft/AGM-28A missile vertically polarized dipole experiment. Volume 2: Data	1976
19770085662	Translations on USSR military affairs (GUO 55/76)	1976
19770085663	S-band long-life grid-controlled amplifier	1976
19770085664	Prototype anti-collision light lens fungus test	1976
19770085666	Design approach to incorporate uncertainty estimates into VA/DA models	1976
19770085668	Low-frequency salt-water fatigue crack growth in Ti6Al-2Nb-1Ta-0.8Mo	1976
19770085671	Reliability evaluation of aluminum implanted CMOS microcircuits	1976
19770085674	Is data automation giving the military manager the assistance he needs?	1976
19770085676	DATANET 700 RNP type RCP707 system	1976
19770085677	Results of parachute opening force test program	1976
19770085678	Leather flight gloves	1976
19770085679	Human engineering design deficiencies: A comparative analysis of the P-3 and S-3 aircraft	1976
19770085681	A human factors evaluation of the illustrated parts breakdown	1976
19770085682	The SARTF: Perspective on modernization	1976
19770085683	Cost effective multi-media	1976
19770085684	Tactical fighter aircraft programmed flying training factoring package	1976
19770085685	An improved approach to managing the classification, training, and assignment of aircraft and avionics maintenance personnel	1976
19770085686	Word processing: One answer to administrative short falls in the Air Force	1976
19770085687	Air Force management information systems: Their impact on decision making, creativity and morale	1976
19770085690	Functional tests with aircraft components shelled with fragments, part 2	1976
19770085691	Investigation of air combat maneuvering instrumentation (ACMI) with F-106 aircraft	1976
19770085692	Handbook for analysis of nuclear weapon effects on aircraft, Volume 1	1976
19770085693	Handbook for analysis of nuclear weapon effects on aircraft, Volume 2	1976
19770085694	Considerations in SGEMP simulation	1976
19770085695	Satellite SGEMP/TRE simulator: Preliminary design of the damping subsystem	1976
19770085704	AN/ARN-118V TACAN navigation set	1976
19770085705	AN/ARN-118V TACAN navigation set	1976
19770085706	AN/ARN-118V TACAN navigation set	1976
19770085707	STINGER pitch coupling measurement in the infrared simulation system (IRSS)	1976
19770085708	STINGER weapon round/AH-1G COBRA helicopter electromagnetic radiation hazards	1976
19770085710	Laser oscillator to laser amplifier conversion	1976
19770085711	Waveguide lasers: A summary of theory and applications	1976
19770085712	Solid propellant fluorine generator	1976
19770085713	Chemical laser optics development program	1976
19770085714	Millimeter-wave indium phosphide gunn device	1976
19770085720	A non-iterative computer program for the direct calibration of non-ideal two-part reflectometers for automated microwave measurements	1976
19770085721	Combustor component development. Volume 4: Nitrogen temperature variations	1976
19770085722	HF:DF pulsed chemical laser	1976
19770085724	Foreseeable new propulsion systems for urban vehicles	1976
19770085729	A 3X enlarging printer	1976
19770085730	Static firing of ten M30A2 Nike-Hercules sustainer rocket motors, M30A2 life cycle test program	1976
19770085732	Life prediction of dump stored motors with statistically varying strength and temperature	1976
19770085734	Finite element analysis of acceleration effect on an internal ferrule pressure gage	1976
19770085735	Forox 35mm slide duplicator	1976
19770085737	NDT methods for small composite rocket motor components	1976
19770085738	Altitude performance of five United Technology Center Titan 2 translation motors having ages from 145 to 154 months	1976
19770085748	Applications of magnetostrictive materials with rare earth additives to underwater transducers and other devices	1976
19770085750	Instruction manual for using WES time-sharing system for analysis of slope stability, wedge method	1976
19770085751	Preliminary evaluation of the precision laser altimeter of the aerial profiling of terrain system, February - May 1976	1976
19770085753	Environmental noise assessment, Stapleton International Airport, Rocky Mountain Arsenal, Denver, Colorado, 26-29 April 1975	1976
19770085757	Refractory compounds of structures derived from the Perovskite structure of zirconium oxide systems of alkaline-earth metals	1976
19770085759	LRU-8/P one-man all-weather life raft test report	1976
19770085765	Calibration of TV phototransmission photographs	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085766	Mass detonation testing of agitated RDX slurries	1976
19770085767	A correlation function of radar ranging signal modulation in the presence of nonwhite, nonstationary noise	1976
19770085768	Evaluation of some inclinometers, related instruments, and data reduction techniques	1976
19770085776	Engineering design test, EMI/EMC of modified M60A1E3 stabilization system	1976
19770085779	XM-1 computer solution prototype system laser Aberdeen Proving Ground, Edgewood Area, Maryland, 1 April 1976	1976
19770085780	Quality assurance testing of the Thiokol TE-M-604-02 solid-propellant rocket motor at simulated altitude conditions. Phase 1: Motor preconditioned at 10 deg F	1976
19770085781	Plume radiation enhancement program	1976
19770085786	Display control/storage and retrieval	1976
19770085790	Evaluation studies of telemetry system components	1976
19770085791	Research towards a technology to support the specification of data processing system performance requirements	1976
19770085792	MTACCS microcomputer feasibility evaluation	1976
19770085793	System decomposition technology	1976
19770085794	Nonvolatile IC techniques for BORAM	1976
19770085795	Research and experimentation/mission oriented investigation and experimentation	1976
19770085796	Single-line modeling of internal coupling for complex cable systems	1976
19770085797	High power transistor technology	1976
19770085798	LANCE NAMFI flight failure investigation	1976
19770085799	The role of aerial targets	1976
19770085800	Enhancing the role of production management in the Air Force weapon systems acquisition process	1976
19770085801	Assessment of potential mineral shortages, chromium, cobalt, and platinum	1976
19770085803	Static stability tests of the Air slew demonstrator missile at Mach numbers 1.5 and 2 and angles of attack from 30 to 180 deg.	1976
19770085804	Force, pressure, and heat-transfer measurements on a family of ablated shapes at Mach 8 and 12	1976
19770085805	Three-dimensional carbon phenolic stress wave attenuation behavior	1976
19770085806	Dynamic mechanical response of three-dimensional carbon-carbon	1976
19770085807	Alternate coolants for transpiration-cooled nosetips	1976
19770085809	SAM-D engineering development summary report, volume 1	1976
19770085810	Program modifications and analysis of the Hellfire HWIL simulation	1976
19770085812	DOD STS ground support system definition	1976
19770085813	J52 gas turbine engine fuel control teststand ARA (Automation Requirements Analysis)	1976
19770085814	High efficiency I/J band traveling wave tube depressed collector study	1976
19770085818	Matrix cathode development	1976
19770085823	Application of a wire computer code to the B-1 aircraft	1976
19770085826	Attenuation and phase velocity measurements of polybutadiene composites using ultrasonic pulses	1976
19770085828	Field instrument for optical density measurements of aerosols	1976
19770085829	The application of fiber reinforced materials in compressor blades	1976
19770085830	Interferometric lens testing	1976
19770085831	Spectral and spatial radiation from the plume of a model rocket engine burning N2O4/MMH at high simulated altitude	1976
19770085832	Space tug engine performance verification	1976
19770085833	Comparison of experimental measurements with gas dynamic and infrared radiative predictions in simulated jet engine plumes with external flow	1976
19770085834	Preparation of graphite-aluminum composites by the sodium process	1976
19770085835	Research test of arctic mitten with improved insulation	1976
19770085838	We tested it on ourselves: Survival in a desert	1976
19770085840	Active infrared techniques for aid in target identification	1976
19770085841	Seeker head alignment characteristics of the MK-84, MK-82, and SUU-54 laser-guided bombs at transonic Mach numbers	1976
19770085845	Navigational set, position fixing, Loran, AN/PSN-6 operational test 2	1976
19770085846	Investigation of problems associated with interrogator set AN/UPX-23	1976
19770085851	DT II (PQT-G) (winter phase) viewer, driver's night vision AN/VVS-2	1976
19770085853	Adaptive magnetic anomaly detection	1976
19770085854	Navigation technology development, volume 1	1976
19770085856	The HDL magnetic signature facility	1976
19770085858	Phase 1 analysis of a pseudo-noise and frequency-hop spread-spectrum system in a UHF tactical air environment	1976
19770085859	Manufacturing methods program to provide a capability for long life alkali vapor lamps	1976
19770085861	A comparison of the signals received by a magnetometer mounted on an aircraft flying circular patterns versus straight line paths	1976
19770085862	Requirements and techniques for making ship infrared signature measurements	1976
19770085864	AN/ARN-118(V) TACAN IOT and E, phase 3, part 2	1976
19770085865	Manufacturing methods report on molded dome technology for spinning mass seekers	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085866	Development Test 2(desert environment) of AN/PAS-7 hand-held thermal viewer	1976
19770085867	The TNA-3: A navigation instrument for armored vehicles utilizing a new operating principle	1976
19770085869	Analysis of radar data on Object 8409	1976
19770085870	Drone destruct electromagnetic radiation hazards and electrostatic discharge test	1976
19770085872	Frequency agile receiver design for laser radar signature measurement	1976
19770085873	F-4E AN/ARN-101 digital avionics	1976
19770085874	G6C gyro test	1976
19770085875	AV-8B aircraft navigation system study	1976
19770085876	Composite digital data base study	1976
19770085877	Line criteria in target acquisition with electro-optical devices	1976
19770085879	Stable laser system integration and testing	1976
19770085880	A solid fueled pressure recovery/scrubber system for a high energy HF/DF chemical laser, phase 2	1976
19770085881	A study of polycrystalline halides for high power laser applications	1976
19770085882	High-power 1.06-micrometers injection lasers	1976
19770085883	Evaluation of transonic wind tunnel wall interference effects for several test section wall configurations	1976
19770085884	A method for calculating the lift and center of pressure of damaged supersonic configurations	1976
19770085885	Mutual aerodynamic interference effects for multiple bodies of revolution and distorted bodies of revolution	1976
19770085886	Effect of long-term water immersion on properties of graphite epoxy composites	1976
19770085888	Shock characterization of three-dimensional carbon and quartz composite materials	1976
19770085889	Fabrication and testing of lithium reserve power sources in support of the ground vehicle dispensing mine system	1976
19770085891	Laser digest: Spring 1976	1976
19770085892	LV methodology and code analyst's manual	1976
19770085893	Laser component program	1976
19770085894	Multiple wavelength laser system	1976
19770085895	Feasibility study for a threat-environment electromagnetic pulse field simulation system	1976
19770085896	Test cell system experimental program Coanda/refraction noise suppression concept-advanced development	1976
19770085898	Optical propagation and communication	1976
19770085899	Elastic constants of aluminum alloys, 2024-T3510, 5083-H131 and 7039-T64 as measured by a sonic technique	1976
19770085904	Evaluation of tow target visual augmentation systems	1976
19770085905	Development of ordnance velocity, multimaterial, 3-D perforation code for finite plates	1976
19770085908	Flight dynamics of Mk 82 air inflatable retarder low-drag bomb	1976
19770085909	Compatibility test of the new Mk-83 laser guided bombs (GBU-16/B) on the A-4, A-6, A-7, and F-4 airplanes and carrier suitability testing of the new MK-82, 83, and 84 (GBU-12B/B, 16/B, and 10C/B on the A-7 airplane	1976
19770085910	Strand combustion rates for some liquid monopropellants at gun functioning pressures	1976
19770085911	HIBS (Hypervelocity Impact Barrier System) revisited	1976
19770085913	Determination of trace amount of oil by a liquid chromatographic method	1976
19770085914	Fokker bond testing of glass reinforced plastic propeller shaft coatings	1976
19770085915	Fire-resistant hydraulic fluid development for naval surface ships	1976
19770085916	Induction heating prior to forging	1976
19770085917	Product quality control in serial production	1976
19770085918	Intermodulation analysis with Fourier-Bessel expansions	1976
19770085919	Steam/pressure washer cleaning systems	1976
19770085921	Flux gases and steels in electroslog remelting	1976
19770085922	Improvement of the technology of laser working of titanium	1976
19770085923	Improved performance VASTT: Versatille simulation tow target 600 knot developmental summary	1976
19770085924	Fine gasoline filter	1976
19770085925	Evaluation of brazed permanent and welded separable type connectors and titanium tubing for use in Lightweight Hydraulic System (LHS), 8000 PSIG	1976
19770085928	X-ray characterization of residual stresses in HY-130 steel weldments	1976
19770085929	Domestic production of containers	1976
19770085932	Gross flaw detection in a tungsten alloy using an ultrasonic technique	1976
19770085935	Missile vulnerability (MV) code user's manual	1976
19770085936	Vehicle-seat-driver. Vibration test stand	1976
19770085937	Failure analysis of a Marman clamp assembly, from the liquid oxygen fill line, S/A 6, Service Arms System, Complex 39 B, ASTP	1976
19770085941	Kinetics of pore clogging of nucleopore filters	1976
19770085943	Operational feasibility test of air compressor for use in Nike Hercules batteries	1976
19770085944	Durability of adhesive bonds to various adherends	1976
19770085945	The laser as a weapon	1976
19770085949	FM noise in D-band crystal oscillator-multiplier frequency sources	1976
19770085952	Carrier suitability tests of the A-6E aircraft with ECP-742	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085953	Strength and failure characteristics of fasteners potted into titanium - aluminum honeycomb sandwich panels	1976
19770085954	A wind tunnel investigation of the jettison of empty and partially loaded racks from a 10-percent scale A-4 SKYHAWK	1976
19770085955	Ballistic data for 12-foot and 26-foot ring slot parachutes	1976
19770085957	Improved windshield and canopy protection development program	1976
19770085958	Air blast from shallow buried charges. Essex 1, phase 2	1976
19770085959	Bomb cratering tests in Hawaiian lava	1976
19770085960	The 2.75-inch rocket, white phosphorous (WP)/smoke (XM 259)	1976
19770085961	Quasi-static compression stress-strain curves 4, 2024-T3510 and 6061-T6 aluminum alloys	1976
19770085963	Hybrid microcircuit in-process qualification	1976
19770085964	MNOS reliability and process research	1976
19770085965	Evaluation of adhesives for hybrid microcircuits	1976
19770085967	Flight control requirements for weapon delivery. Volume 2: Background information on development of pilot models for use in evaluating manually coupled aircraft weapon delivery systems	1976
19770085969	Flight control requirements for weapon delivery. Volume 1. Development of the terminal aerial weapon delivery simulation TAWDS programs and their use in formulating flying qualities guidelines for manually coupled aircraft weapon delivery systems	1976
19770085970	Design, fabrication, testing and analysis of torsion free wing trend flutter models	1976
19770085971	A/F37A-T45 ground simulator undergraduate navigator training system initial operational report	1976
19770085972	Development of an analytical methodology for assessing technology transfer in the U. S. S. R.	1976
19770085975	Operational test 2 report for a family of helicopter external slings, 10,000- and 25,000- pound capacity	1976
19770085976	Comparison of flight test and wind tunnel performance characteristics of the X-24B research aircraft	1976
19770085977	Handling qualities and stability derivatives of the X-24B research aircraft	1976
19770085978	Feasibility study of C-141 combat Skyspot airdrop capabilities	1976
19770085979	Power supply for long-life goggle tube assembly. Product improvement for AN/PVS-5	1976
19770085980	Testing of antenna-preamplifier group OE-233/WRN-5(V)	1976
19770085981	Ground Laser Locator Designator (GLLD) battery test program	1976
19770085984	Breakerless transistorized voltage regulator RR350	1976
19770085985	The vapor pressure of chemical agents: GD, VX, EA 2223, EA 3547, EA 3580, EA 5365, and EA 5533	1976
19770085986	Vulcan Air Defense System (VADS) improvement project. Volume 7: Bibliography	1976
19770085988	3-5 micron inverted heterojunction mosaic array A	1976
19770085989	Augmented target screener/flir system	1976
19770085990	SPVD magnetic sensor development	1976
19770085991	ASQ-81 towed MAD support	1976
19770085992	Evaluation of the Omega Navigation Module of the I.1.3 operational program for the P-3C update 1 aircraft	1976
19770085993	Operation test of C-141 inertial navigation system	1976
19770085994	Initial operational test and evaluation of OMEGA	1976
19770085995	Initial operational test and evaluation of the Omega Program 2041 Equipment AN/ARN-(). (Report symbol OPNAV 3960-12).	1976
19770085996	An oceanographic absolute velocity reference datum	1976
19770085997	Target detection study for a TV-guided projectile	1976
19770085999	Electromagnetic compatibility measurements at Hunter Army Airfield, Savannah, Georgia	1976
19770086000	Evaluation of jamming resistant GPS receivers with application to tactical missile guidance	1976
19770086001	HATH preamplifier/detector	1976
19770086002	Flight evaluation of two computerized magnetic compensators	1976
19770086003	Possible ways of improving the accuracy of Gi-B2 theodolites	1976
19770086004	CCD signal processors for pulse Doppler radar	1976
19770086005	Data reduction and analysis of HAST radar cross section and glint measurements, supplemental report	1976
19770086010	Flight test of the operational video tape recorder (RCA)	1976
19770086011	Flight test of the operational video tape recorder(ESC)	1976
19770086013	Digital image processing techniques for automatic terrain classification for generating reference maps from B/W aerial photography	1976
19770086014	A study of CO2 laser remote sensor for nerve agent detection. A theoretical survey	1976
19770086015	Microfiche scanner and remote display system	1976
19770086016	Independent evaluation report of the aerial radiac system, AN/ADR-6(XE-4)(V) (RCS ATCD-8)	1976
19770086017	An improvement of wire modeling for determining the EMP interaction with aircraft: Application to the B-1 aircraft	1976
19770086018	A problem in collateral elaboration	1976
19770086026	R and D abstracts, Volume 33, no. 12, 15 June 1976	1976
19770086027	R and D abstracts, Volume 34, no. 1, 1 July 1976	1976
19770086028	Distribution and composition of dust in the atmosphere	1976
19770086029	Human factors engineering integration project, phase 1 report	1976
19770086030	Lamps MK3, weapon system detachment personnel and training requirements	1976
19770086031	Navy evaluation of the 214A helicopter	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086032	Test and evaluation of the modified liquid oxygen system purge unit	1976
19770086033	Function description inventory as a human factors test and evaluation tool: An emperical validation study	1976
19770086034	Aerodynamic forces and pressure distributions on the minuteman instrumented payload delivery system at Mach numbers from 0.5 to 1.3	1976
19770086035	Nosetip transition measurements in a reentry test environment	1976
19770086037	Harpoon environmental qualification test report	1976
19770086040	Vulnerability assessment for radar transport set AN/APX-78. Volume 2: System description	1976
19770086045	Ultra high burn rate composite propellant development (U)	1976
19770086046	Nuclear hardening core memory for strategic aircraft (U)	1976
19770086049	A 40 mm modified M433 HEDP cartridge (U)	1976
19770086051	MEECN technical evaluation report for the AN/ARC-96 VLF/LF receiving system (U)	1976
19770086053	Missile performance Measuring System (MPMS) specific force integrating receiver (SFIR-J) laboratory test (U)	1976
19770086054	Third generation 0.9 micron 18 mm wafer image intensifier tube (U)	1976
19770086056	The mechanical loads from LSD waves and their simulation. Volume 2: Target damage experiments (U)	1976
19770086057	Synthetic radar reference (U)	1976
19770086058	Investigation of ISO-range contour sensor techniques. A target height cueing sensor (U)	1976
19770086059	Aerosol obscurants and pyrotechnic flares as thermal imaging countermeasures (U)	1976
19770086061	Acoustic communications intercept: A detection model (U)	1976
19770086064	Radar cross-section scatter matrix of sea clutter (U)	1976
19770086066	Wideband high power amplifier TWT types L-5468 and L-5504 (U)	1976
19770086068	European electromagnetic environment: Quantitative data for evaluating emitter location systems (U)	1976
19770086071	ECM/ECCM evaluation program. Volume 4: Row-column precision adaptive array study (U)	1976
19770086076	Minute Gun series (U)	1976
19770086077	Exercise POLO HAT 76-1 evaluation report (U)	1976
19770086078	Command and control technical center test report of the MEECN ERCS launch receive test (U)	1976
19770086079	VHF homing techniques (U)	1976
19770086083	Ballistics Range Experimental Program (BREP 2) (U)	1976
19770086084	Analysis and control of ballistic reentry vehicle dispersion (U)	1976
19770086092	Teal Jade sensor definition study (U)	1976
19770086093	Radar-photo imagery warp analysis (U)	1976
19770086094	Minuteman flight analysis report. Volume 1: Basic performance. LGM-30F operational test phase 2 program: Launch number 27, FTM 2471, glory trip 127M, WS-133 AM (U)	1976
19770086101	SAC GLORY TRIP 127M, SAMTEC operation 5683, LGM-30F operational test phase 2 program, launch number 27 (U)	1976
19770086104	High brand dual mode TWT development program phase 2 and 3 (U)	1976
19770086106	Advanced techniques for SLBM designation and discrimination (U)	1976
19770086108	Critical Optics Technology (COT) (U)	1976
19770086114	Automatic Radar Tracking (ART) (U)	1976
19770086117	Preliminary cryo cooler design for satellite sensors, volume 2 (U)	1976
19770086118	HRMR applications design study (U)	1976
19770086120	Hardened focal plane development. Phase 1, volume 1 (U)	1976
19770086121	Hardened focal plane development program. Phase 1, volume 2 (U)	1976
19770086122	ECM/ECCM considerations for radar location systems (U)	1976
19770086125	Hardening of helicopter fuel tanks against high energy laser radiation (U)	1976
19770086126	Final report on pattern generator (U)	1976
19770086130	ARPV system/subsystem summary report (U)	1976
19770086131	ARPV system/design trade study report. Volume 1: System studies (U)	1976
19770086132	ARPV system/design trade study report. Volume 2, book 1: Core avionics (U)	1976
19770086133	ARPV system/design trade study report. Volume 6: Survivability and effectiveness (U)	1976
19770086137	Definition of a heavy bomber (U)	1976
19770086148	Endoatmospheric data and signature model survey (U)	1976
19770086149	Laser heterodyne techniques (U)	1976
19770086152	Harbor surveillance by Synthetic Aperture Radar (SAR) (U)	1976
19770086154	ACEVAL-AIMVAL test plan. Volume 4. Engineering supplement (classified) (U)	1976
19770086155	Hardened passive temperature control materials (U)	1976
19770086172	Test and evaluation of F-8 AFC-598 pride and related ECM installation on RF-8G aircraft (U)	1976
19770086180	Development of infrared filters (U)	1976
19770086183	Vulnerability assessment for radio transmitting set AN/ART-47. Volume 3: Analysis data (U)	1976
19770086184	Vulnerability assessment for radio transmitting set AN/ART-47. Volume 4: Test report (U)	1976
19770086185	Vulnerability assessment for AN/APQ-122(V) radar set. Volume 1: Vulnerability assessment summary (U)	1976
19770086186	Vulnerability assessment for AN/APQ-122(V) radar set. Volume 5: Analysis data for C-8597, O-1591 and IP-1043 (U)	1976
19770086187	Vulnerability assessment for AN/APQ-122(V) radar set. Volume 6: Analysis data for IP-1044 and C-3939/PAN-593B (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086189	RPV navigation and weapon delivery system integration study (U)	1976
19770086192	ERDA/DOD environmental data bank index	1976
19770086197	Tensile testing of 45 degree orientation to determine the shear response of carbon fibre reinforced plastics	1976
19770086198	Theoretical determination of subsonic oscillatory airforce coefficients	1976
19770086199	Translations on USSR science and technology: Biomedical sciences (GUO 5/76)	1976
19770086200	Meteorology and hydrology no. 8, 1976	1976
19770086201	Translations on USSR science and technology biomedical sciences (GUO 7/76)	1976
19770086202	Translations on USSR science and technology physical sciences and technology (GUO 5/76)	1976
19770086203	Processor of the YeS 1020 computer	1976
19770086204	Japan: Nuclear, missile, space, and defense developments, GUO no. 246	1976
19770086205	Translations on USSR science and technology: Biomedical sciences (GUO 6/76)	1976
19770086206	France: Nuclear, missile, and space developments, GUO no. 418	1976
19770086207	Translations on environmental quality, GUO 20176	1976
19770086208	Japan: Nuclear, missile, space, and defense developments, GUO no. 247	1976
19770086209	France: Nuclear, missile, and space developments, GUO no. 419	1976
19770086210	Translations on USSR science and technology: Biomedical sciences (GUO 9/76)	1976
19770086211	Space biology and aerospace medicine, volume 2, no. 5 1976	1976
19770086212	Japan: Nuclear, missile, space, and defense developments, GUO no. 248	1976
19770086213	Translations on USSR science and technology biomedical sciences (GUO 10/76)	1976
19770086215	Analysis of the orbit of 1966-51C	1976
19770086216	Stress and failure probability analysis for an orthotropic, brittle elastic cylinder subjected to internal pressure or axisymmetric thermal loading	1976
19770086217	The design of an overspeed tripunit for Ward Leonard drives	1976
19770086218	The calculation, by a finite-difference method, of subcritical flow without circulation past a swept elliptic cylinder between walls	1976
19770086219	The performance of a 6.5 pressure ratio centrifugal compressor having a radially-vaned impeller	1976
19770086221	Aero-acoustic environments associated with the SRB Forward Separation Models	1976
19770086222	Quasi-electric fields experiment for the ISEE mother spacecraft	1976
19770086223	Pilot user development program	1976
19770086224	Crew motion design criteria handbook	1976
19770086225	Influence of interlaminar stresses on failure of composite laminates	1976
19770086226	Contract to design, fabricate and test an Electron Bombarded Semiconductor (EBS) device	1976
19770086227	Evacuated load-bearing high performance insulation study	1976
19770086228	Development of transport aircraft systems cost and weight	1976
19770086234	Marine Aviation Requirements Study (MARS) campaign model computer program manual. Volume 3. Program maintenance manual	1976
19770086237	Vulnerability assessment for AN/ARA-50 UHF automatic direction finder. Volume 2. System description	1976
19770086238	Vulnerability assessment for AN/ARA-50 UHF automatic direction finder. Volume 2. System description	1976
19770086239	Vulnerability assessment for AN/ARC-96 VLF/LF communications set thermochrome teleprinter TT-521. Volume 2. System description	1976
19770086240	Vulnerability assessment for AN/ARC-89(V) airborne communications system. Volume 2. System description	1976
19770086241	Vulnerability assessment for airborne launch control center. Volume 2. AN/ASW-28, system description	1976
19770086247	LAMPS simulations: 4. A pre-recorded, computer aided familiarization procedure. The script for the aviation tactical officer's station in the LAMPS MK-III extended mission configuration	1976
19770086248	LAMPS simulations: 3. A pre-recorded, computer aided familiarized procedure. The script for the aviation tactical officer's station in the LAMPS MK-III short range configuration	1976
19770086249	LAMPS simulations: 5. A pre-recorded, computer aided familiarized procedure. The script for the sensor operator's station in the LAMPS MK-III extended mission configuration	1976
19770086254	Protective device for fully-enclosed gas-insulated high-voltage switching systems	1976
19770086257	ACMR evaluation. Volume 1. Executive summary	1976
19770086258	A wind tunnel investigation of the jettison of empty and partially loaded racks from a 10-percent scale A-7 CORSAIR II	1976
19770086259	A wind tunnel investigation of the jettison of empty and partially loaded racks from a 10-percent scale A 6A INTRUDER	1976
19770086263	A calculation of motion for Middle Gust Event 5. Volume 1: Mesh management methods	1976
19770086264	A calculation of motion for Middle Gust Event 5. Volume 2: More about Variable-Time-Step (UTS) procedures	1976
19770086265	A calculation of motion for Middle Gust Event 5. Volume 3: More about quiet boundaries	1976
19770086266	YAV-8B inlet development time variant distortion data analysis. Volume 1: Summary	1976
19770086267	AV-8B 15% aerodynamic and loads test in the NASA/Ames 11-foot unitary plan transonic wind tunnel. Addendum 1: Component loads	1976
19770086268	AV-8A Harrier triple ejector rack and 300 gallon tank clearance program	1976
19770086271	Very Low Frequency (VLF) propagation predictions for disturbed conditions	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086273	Product improvement test of gloves, cloth, anticontact under Arctic winter conditions	1976
19770086274	Influence of beam jitter on thermal blooming	1976
19770086275	High energy laser mirrors and windows	1976
19770086276	Impact response prediction using the HP9830 system	1976
19770086277	Capacitance calculations for satellites	1976
19770086278	Performance degradation data on a frequency shift converter operating in the presence of noise	1976
19770086279	The effect of wind on flat-fire trajectories	1976
19770086280	Aerodynamic heating test on MAU-12 bomb rack	1976
19770086282	Qualification test program for titanium dioxide for use in wear reducing additive liners	1976
19770086283	Feasibility test of the helmet imaging and pointing system in an air-to-ground mode	1976
19770086284	Static test of a prototype supersonic rocket launcher	1976
19770086285	Quarterly progress notes, 1 January - 31 March 1976	1976
19770086286	High-cycle flexural fatigue properties of materials for hydrofoil strut/foil structures	1976
19770086287	Helicopter operations from a 2200-ton surface effect ship	1976
19770086289	Test of hysol nonskid material as an alternate source for the LVT7	1976
19770086290	Technical comparison of Comdel frequency synthesizer MPS-25 and ITT frequency synthesizer O-1701/GR	1976
19770086292	Approximate analysis of the filtering properties of a phase-locked automatic frequency control system with a non-linear filter	1976
19770086293	Reliability considerations of beam lead microcircuits	1976
19770086294	S-band solid-state power amplifiers	1976
19770086295	Evaluation of the circular spline shaft coupling for EC-130Q aircraft 40/50 KVA generators	1976
19770086296	P-3C lead acid battery compartment vibration survey	1976
19770086297	Multivariate analysis system	1976
19770086299	Special study on vibration of 200 KW, 50/60 Hz generator set	1976
19770086300	Electromechanical energy conversion at microwave frequency. Analysis and design of prototype device	1976
19770086302	Investigation of thin-film silicon process for radiation hardened MIS integrated circuits	1976
19770086303	Position, velocity, and acceleration equations for FLAMR	1976
19770086304	IOT and E of Airborne Video Tape Recorder (AVTR)	1976
19770086308	Preservation procedures for deactivation of Mark 7 aircraft recovery equipment and associated equipment in inactive ships	1976
19770086310	Drop tests of TGSM with modified search-scan and acquisition and a parachute recovery system, volume 1	1976
19770086311	Concept evaluation testing of Dragon flight simulators	1976
19770086312	Vibro-acoustic testing of air-launched guided missiles at the Pacific Missile Test Center	1976
19770086314	The air defense interceptor missile system simulator technical effort	1976
19770086315	Advanced design composite aircraft	1976
19770086316	Translations on USSR science and technology biomedical sciences (GUO 13/76)	1976
19770086319	Optimum rank rule for signal detection in noise with an unknown distribution	1976
19770086320	The Ryad unified computer system	1976
19770086321	Electronic equipment cold plates	1976
19770086322	Operational test and evaluation C-5 air transportable dock. Project plan	1976
19770086323	Development test 3(DT 3) production validation test: Government for the Variable Speed Training Target (VSTT) MQM-107. Target presentations for basic Hawk/improved Hawk training	1976
19770086324	Reentry vehicle materials technology (REVMAT) program. Development of fiber reinforced sialons	1976
19770086325	Patriot. Volume 1. Engineering Development summary report	1976
19770086333	Connector, electrical micro miniature	1976
19770086337	Development of high-speed IV-VI photodiodes	1976
19770086338	Small diameter, single conductor, seawater return transmission lines	1976
19770086343	All source data base design study	1976
19770086371	Translations on USSR science and technology: Physical sciences and technology (GUO 6/76)	1976
19770086372	Translations on USSR science and technology biomedical sciences (GUO 12/76)	1976
19770086373	Aerodynamics test analysis support	1976
19770086374	Preparation of surfaces for adhesive bonding	1976
19770086376	Stanford gyro relativity experiment	1976
19770086377	Planetary astronomy program	1976
19770086381	Superhybrid composite fan blades	1976
19770086386	Development of the Flight Systems Department weapon aiming simulator	1976
19770086389	Polymer-fluid interactions in relation to wear	1976
19770086390	The use of ceramics in diesel engines: Potential benefits and practical experience	1976
19770086391	Linear proportional navigation: An exact solution for a third order missile system	1976
19770086393	Quarterly report for fiscal year 1977	1976
19770086394	Aerothermodynamic data base, phase C	1976
19770086395	A review of the literature appertaining to binocular rivalry and helmet mounted displays	1976
19770086397	Military medical journal, no. 7	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086398	Principles for evaluating efficiency and fatigue in seamen	1976
19770086399	Evaluation of pilot efficiency during a flight shift	1976
19770086400	Development of an infrared scanning system for the measurement of aerodynamic heating effects on wind tunnel models	1976
19770086401	Programmable accelerometer conditioner integrator	1976
19770086402	TOW Against Helicopter Operational Experiment (TAHOE). Experiment FC 042	1976
19770086403	Environmental/surveillance of launcher, tactical CS, 16 tube, E8	1976
19770086404	High cycle random fatigue testing	1976
19770086405	Application of biostereometric techniques to develop head forms representative of US Army personnel	1976
19770086407	An LV code analysis verification	1976
19770086408	Air defense prediction algorithm study	1976
19770086409	Ambiguity-resistant three- and four-channel interferometers	1976
19770086410	Close-in electromagnetic pulse environment calculations	1976
19770086412	Active laser seeker	1976
19770086414	Thermonuclear reactor: Tomorrow	1976
19770086415	Optimum algorithm for detection of radar targets	1976
19770086416	Design of a large caliber soft recovery system for the Ballistic Research Laboratories	1976
19770086417	F-15A follow-on operational test and evaluation, Annex C, Appendix 1	1976
19770086418	F-15A follow-on operational test and evaluation. Annex A: System description	1976
19770086419	HCU9/A cargo winch on C-130 aircraft	1976
19770086420	Helicopter production in the USSR	1976
19770086421	Aircraft wing structural response to multifragment impact	1976
19770086422	Fighter aircraft vulnerable area data patterns: Modeling, data reduction, and interpolation schemes	1976
19770086423	Extended flow life laminating resin system	1976
19770086425	Basic research on laser plume characterization	1976
19770086426	Characterization of transparent materials for erosion resistance	1976
19770086428	Initial operational test and evaluation of the CH-46E	1976
19770086431	Feasibility Investigation for Advanced Flight Control Actuation Systems: All Electric concepts (AFCAS-AE)	1976
19770086437	RAT SCAT measurements of the modified F-15 Bomarc radar augmentation system	1976
19770086438	Oxidation embrittlement of tantalum-111 in Viking SNAP-19	1976
19770086440	Navy communications	1976
19770086444	On the direction and rate of secular motion of the earth poles	1976
19770086445	Algorithms for the solution of the inverse geodetic problem over any distances and for the transformation of hyperbolic coordinates into geodetic	1976
19770086446	On Eulerian precession of the earth according to Kelvin's model	1976
19770086447	On the elimination of observations considerably different from all others	1976
19770086448	North Atlantic oceanographic mission, September 1967 - August 1969	1976
19770086449	The European geoid, 1975 version	1976
19770086450	Construction of the geoid by use of the gravity gradient	1976
19770086451	Determination of density boundaries by the method of full gradient with variable normalization	1976
19770086452	Computation of long geodesics on the ellipsoid	1976
19770086453	Satellite geodesy	1976
19770086454	Some aspects of quality evaluation in Geodesy	1976
19770086455	A technique for achieving geometric accordance of LANDSAT digital data	1976
19770086456	Systems analysis directorate activities summary June 1976	1976
19770086457	Temperature control of microcircuits	1976
19770086458	The AFTON 2A computer code revised user's manual. Part 2: Appendixes	1976
19770086459	First article testing of the AN/ASN-124 navigation-display set, fabricated by Lear Siegler, Incorporated, Grand Rapids, Michigan under contract N00019-74-C-0488	1976
19770086460	Telecommunication microprocessors, technique/application	1976
19770086463	ACMR evaluation. Volume 3. Data analysis, results, conclusions and recommendations	1976
19770086464	Y/AV-8B phase 1 reliability and maintainability review, 18-19 Aug. 1976	1976
19770086465	YAV-8B inlet development time variant distortion data analysis. Volume 2: Basic data data	1976
19770086466	Distortion data analysis. Volume 3: Basic data	1976
19770086472	KC-135 modernization study. Volume 3: Executive summary	1976
19770086473	Vulnerability assessment for flight compartment windshield anti-ice system, Volume 2: System description	1976
19770086476	Evolution of naval radio-electronics and contributions of the Naval Research Laboratory	1976
19770086479	Non-destructive testing: Radiation methods of defectoscopy, field of application	1976
19770086480	Site investigation methodology for multiple aim point missile systems	1976
19770086481	Flight test demonstration of the Recoverable Drop Vehicle (RDV)	1976
19770086482	Safety approval of suppressive shields	1976
19770086483	Development and evaluation program of redesigned seal for the Guided Missile Launching System MK 26 blast door	1976
19770086484	Robinson Halpern Company pressure transducer equipment, model 144M, ranges: 0-6000 PSIG, 0-15 PSIG, and 30 in. Hg vacuum - 100 PSIG	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086486	Performance analysis of two liquid waste incinerators	1976
19770086488	Laser-Doppler-anemometer	1976
19770086501	Problems of measuring the static pressure differential of cesium in cylindrical thermionic converters	1976
19770086502	Test and evaluation of automatic multiplication receiver	1976
19770086504	A 94 GHz parametric amplifier	1976
19770086505	Lithium reserve cell manufacture and electrolyte development	1976
19770086506	Solar cells: Present state of the art and perspectives for ground applications	1976
19770086508	Decoy flare and chaff cartridge trajectory determination	1976
19770086509	FDTE comparison of Small Unit Transceivers (SUT): AN/PRC-68, multichannel	1976
19770086510	Joint Operation Planning System (JOPS) system description SD	1976
19770086511	Space communications	1976
19770086512	Mounting base, electrical equipment MT-4682A/A	1976
19770086513	Operational Test 3 (OT 3) of the receiver-transmitter, RT-1167/ARC-164 (V) UHF-AM radio set, 24 February - 24 April 1976	1976
19770086514	Evaluation of the in-service error rate monitoring unit	1976
19770086515	Comparison of infrared measurements and predictions for a low thrust model rocket engine	1976
19770086516	Model EA-6A airplane NATOPS pitot-static system error evaluation	1976
19770086517	Accelerated load test of AERO-1D, 300 gallon external fuel tank arrested landing simulation	1976
19770086518	A wind tunnel investigation of the jettison of empty and partially loaded racks from the centerline of a 10- percent scale F-4 Phantom 2	1976
19770086519	NAVTO LAND: Navy vertical takeoff and landing project. Program plan	1976
19770086522	RAMA COIN-B flight test (U)	1976
19770086523	Initial provisioning spare parts for pickup kits of deployed LAMPS detachments (U)	1976
19770086524	Electromagnetic interference tests between the FFG TACAN system and radar set AN/SPS-49 (U)	1976
19770086525	Coaxial Optics Active Sensor Technology (COAST) (U)	1976
19770086528	ATEGG GE23/J1A1 design (U)	1976
19770086529	Design of experimental exhaust plume IR suppression system (U)	1976
19770086530	Composite armor for resistance to long rod penetrators (U)	1976
19770086531	Mini TWT expendable jammer (U)	1976
19770086533	Electromagnetic propulsion of ordnance (U)	1976
19770086534	Laser augmented infrared system (U)	1976
19770086537	Late time high altitude plasma heave phenomenology (U)	1976
19770086540	Drop tests of TGSM with modified search-Scan and acquisition and a parachute recovery system, volume 2 (U)	1976
19770086547	Doppler measurements of I-band chaff. Volume 3: LA-307 and ALE-38 data (U)	1976
19770086548	General support rocket system ZUNI concept (U)	1976
19770086550	Beam plasma experiments. Phase 1: Summary (U)	1976
19770086556	HELBAT 4-automated fire direction on moving targets Human Engineering Laboratory battalion artillery tests (U)	1976
19770086560	F-14 attitude heading reference system navigation analysis (U)	1976
19770086561	High energy, high burn rate propellant (U)	1976
19770086564	B-52 improved flare study (U)	1976
19770086567	Exploratory development of a flash detection sensor (U)	1976
19770086568	Production validation test - government (PVT-G) of improved Cobra armament system (AH-1Q Helicopter) (U)	1976
19770086571	Doppler measurements of I-band chaff. Volume 2: Ale-40 data (U)	1976
19770086572	Radar techniques program (U)	1976
19770086574	Infrared area correlator and tracker (U)	1976
19770086576	Alternate discrimination concepts evaluation. Volume 2. Assessment analysis (U)	1976
19770086585	Analysis of LWIR radiance levels from FAIR 2 plume interference experiments (U)	1976
19770086588	BMD laser signature modeling program (U)	1976
19770086589	VLF/LF modem performance in atmospheric noise. Volume 3: 616A/verdin modems (U)	1976
19770086592	Linear theories internal wave generation by moving vehicles. 2: Lifting and swirling wakes (U)	1976
19770086593	Tactical applications of strategic bombers (U)	1976
19770086595	Tests of S-3A common avionics systems for electromagnetic compatibility with TASES (U)	1976
19770086599	Follow-on operational test and evaluation of the P-3C weapons system. Update 1 (U)	1976
19770086607	AFSATCOM combined DT and E/IOT and E technical test report, volume 3 (U)	1976
19770086610	AN/ALR-66 technical evaluation results (U)	1976
19770086611	SAR helicopter survivability study (U)	1976
19770086623	Narrow band receiver techniques (U)	1976
19770086626	ARPV system/design trade study report. Volume 2: Core avionics. Book 2: RMCS (U)	1976
19770086633	Translations on USSR resources (GUO 61/76)	1976
19770086634	Translations on USSR science and technology biomedical sciences (GUO 11/76)	1976
19770086635	Translations on USSR science and technology physical sciences and technology (GUO 8/76)	1976
19770086636	Translations on environmental quality GUO 21/76	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086637	Translations on USSR science and technology: Physical sciences and technology (GUO 7/76)	1976
19770086638	Translation on USSR science and technology: Physical sciences and technology (GUO-9/76)	1976
19770086640	France: Nuclear, missile, and space developments, GUO no. 420	1976
19770086641	Translations on USSR science and technology: Biomedical sciences, GUO 14/76	1976
19770086643	Translations on USSR science and technology: Biomedical sciences (GUO 15/76)	1976
19770086644	Translations on USSR science and technology: Physical sciences and technology (GUO-10/76)	1976
19770086647	Q-flex accelerometer thermal performance study	1976
19770086648	Final report on contract from 14 January 1973 to 30 September 1976	1976
19770086651	Application of Falling Sphere Technique to Artillery Meteorological System (AFSTAMS). Report on phase 1 of the task	1976
19770086653	A flaw spectrum theory for multiple flaw failure in solid polymers. 1: Effects of orientation	1976
19770086654	Common shortcomings in the evaluation and treatment of insomnia	1976
19770086656	Digital speech processing for the space shuttle program	1976
19770086659	Modern astronomical instrument development	1976
19770086660	Progress Report, 1 February 1975 - 30 April 1976	1976
19770086662	Radiative transfer in highly scattering materials: Numerical solution and evaluation of approximate analytic solutions	1976
19770086663	Study and analysis of low cost practices for space systems	1976
19770086665	Photon-counting detector development program UCSD: The Digicon	1976
19770086666	Flight measurements of the effects of simulated leading edge erosion on helicopter blade stall, torsional loads and performance	1976
19770086669	Meteorological Radar Facility: Feasibility and design study	1976
19770086670	Journal OF Naval Science, volume 2, number 2	1976
19770086671	Automation of large electro-mechanical system testing	1976
19770086672	An investigation into simple adaptive control systems	1976
19770086673	Some thoughts on Bayes' Theorem, Bayes' Postulate, randomness and fuzziness	1976
19770086675	Adaptive optics for high energy laser application: Limitation and potential countermeasures (U)	1976
19770086676	Journal of Naval Science, volume 2, no. 3	1976
19770086677	Superconducting electric power systems	1976
19770086678	The interservice hovercraft (trials) unit, part 1	1976
19770086679	The use of linear system theory in acoustic radiation and scattering analysis	1976
19770086681	Propulsion review. Part 4: Airbreathing propulsion research and development (U)	1976
19770086682	Vehicular infrared alarm (VIRA) (U)	1976
19770086683	Airborne laser tracker AN/AAS-32 program (U)	1976
19770086685	Journal of Naval Science, volume 2, number 4	1976
19770086686	A review of the status of, and prospects for, nuclear marine propulsion	1976
19770086687	Optimum working frequencies for ship-shore HF skywave circuits	1976
19770086688	The interservice hovercraft (Trails) unit, Part 2	1976
19770086689	Development of high-performance solid propellants (U)	1976
19770086690	Optical filter development (U)	1976
19770086692	Control surface heating on slender conical bodies (U)	1976
19770086730	Perfection of fuel cells	1976
19770086731	Optical equipment for determining the flight paths of airborne targets	1976
19770086741	F-15A follow-on operational test and evaluation. Annex H: Cost of ownership assessments	1976
19770086742	F-15A follow-on operational test and evaluation. Annex E: Logistic assessment	1976
19770086743	Considerations on the benefit and cost of a computer-assisted cartographic system	1976
19770086744	Manufacturing methods for resin matrix processing	1976
19770086745	Investigation of contamination effects on thermal control materials	1976
19770086746	A unified ablative material thermal response analysis procedure	1976
19770086748	Finite element analysis of transonic flows over thin airfoils, volume 1	1976
19770086749	OT/E of F-111 improved formation lighting	1976
19770086750	Evaluation of HEMP penetration treatments tested at Delta	1976
19770086751	Numerical studies of volume dampers for system generated electromagnetic pulse SGEMP simulation chambers	1976
19770086752	Analyses of discrete element dampers for system-generated electromagnetic pulse SGEMP simulation chambers	1976
19770086753	Scaling of SGEMP phenomena	1976
19770086755	Vigorous ignition of M30 propellant	1976
19770086756	Nuclear safety analysis methodologies for RTG equipped satellite launches	1976
19770086757	Impact response prediction techniques for nuclear safety analysis	1976
19770086758	Circular polarized static RCS patterns for bistatic scattering, 1 (8 degrees flat-back cones)	1976
19770086761	The influence of earth tides on the Stokes constants of the earth	1976
19770086762	Investigation of the effect from a combined use of photographic, ranging, radio-altimeter satellite observations and ground-station elevations	1976
19770086763	Determination of the boundary surface of two media with different densities by means of gravity anomalies	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086764	The efficiency of introducing kapron stable fiber into felting production	1976
19770086765	Explosion-tear test properties of 1-inch-thick Ti-621/0.8 alloy plate and weldments	1976
19770086766	Some features of the electrocrystallization of copper on substrates of refractory metals	1976
19770086767	Determination of long term compatibility of hydrazine with selected materials of construction	1976
19770086768	Radar cross-section enhancement measurements of laterally injecting cones in the hyperballistic range	1976
19770086770	High-frequency and super high-speed electric machines	1976
19770086771	Mk 3 LAMPS APS-124 radome	1976
19770086772	Singer-Kearfott Gyroflex Mod 3 gyro test	1976
19770086773	REVS program maintenance manual	1976
19770086774	Software requirements engineering methodology	1976
19770086776	Small bubble techniques	1976
19770086777	Magnetic bubble mass memory	1976
19770086778	Cross-tie memory detector study	1976
19770086779	Manufacturing methods and technology measure for pin quadrant photodetectors	1976
19770086783	Advanced electron device technology	1976
19770086785	ADP oriented modular panel display (solid state)	1976
19770086786	Datacomputer project	1976
19770086787	Joint Operation Planning System (JOPS) deployment data (DEPDA) file. Users manual	1976
19770086788	Mission report, spring 1976. Arctic airborne remote sensing program and preliminary analysis of high resolution passive microwave sea ice imagery	1976
19770086789	Accelerated survice test (certification) of the T400-CP-400 twin power section engine installed in the AH-1J helicopter	1976
19770086790	Magnesium-aluminum alloy as flare fuel	1976
19770086797	Mic, hybrid current amplifier microelectronic circuits, hybrid amplifier, thick films, can, metal	1976
19770086799	Development of a low noise electrical/fluidic transducer	1976
19770086812	HF, high power, directional rotary wing aircraft antenna	1976
19770086814	Broadband power transformer 4.4 to 5.0 GHz	1976
19770086819	Demonstration of space object identification. Demonstration analysis report	1976
19770086822	Optical signal processing for terminal defense radars	1976
19770086823	NELC device RF susceptibility program, fiscal year 1976 report	1976
19770086824	Altitude evaluation of a new production TF41-A-1 turbofan engine (s/n 142118)	1976
19770086826	PAVE PAWS propagation analysis. Volume 1: Executive summary	1976
19770086827	Analysis of close-in coupling effects	1976
19770086828	Radar cross section measurements of the Technology Development Vehicle (TDV) reentry vehicle	1976
19770086830	The gas chromatographic detection and estimation of trace isomer impurities in military grade TNT	1976
19770086831	Ship suitability test of laser guided bomb GBU-16/B	1976
19770086832	Improvement in inertial guidance update using the Magnavox AVTAS (Advanced Visual Target Aquisition System) helmet sight system	1976
19770086833	A Research and development program for an air-to-air gunnery reference model study, fire line correlations and target description	1976
19770086834	The quantitative determination of diphenylamine in aged single-base propellants using high performance liquid chromatography	1976
19770086835	Aerodynamic loads and separation trajectory tests on a 0.04167-scale GBU-15 PWW guided weapon with the F-111 aircraft model at Mach numbers from 0.4 to 1.3	1976
19770086836	Scaling laws and damage concepts for small arms against aircraft	1976
19770086837	Acoustic studies from an ice floe near Barrow, Alaska, in April 1974	1976
19770086838	What users say about pneumatics	1976
19770086839	Inflight patient monitoring system	1976
19770086840	Martin Marietta version DRAGON Flight Simulator Brassboard, April 1976	1976
19770086841	Aerosol absorption of short-wave radiation	1976
19770086842	Specially packaged food	1976
19770086851	Non-displacement rules for signal detection in non-gaussian distributions with unknown parameters	1976
19770086852	Detection of a train of signals with unknown parameters in noise of unknown level	1976
19770086853	Incoherent two-frequency signal detector in noise of unknown intensity	1976
19770086854	Asymptotically optimal rank rule for the detection of a signal in noise with an unknown distribution	1976
19770086855	Asymptotically optimum detector of fluctuating signals in noise of unknown intensity	1976
19770086856	Invariant rule for the reception of orthogonal signals in noise with unknown characteristics	1976
19770086857	Optimum signal detector in unknown noise	1976
19770086859	Noncoherent detector of fluctuating signals in noise of unknown intensity	1976
19770086861	R and D abstracts. Volume 34, no. 4, 15 August 1976	1976
19770086862	Improvement of the NHC production process	1976
19770086863	Effects of visual attention on the intensity of auditory evoked potentials	1976
19770086864	ACE design study and experiments	1976
19770086865	Report on evaluation of the methods for computing long lines defined on the spheroid	1976
19770086866	The manipulation of raster data	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086867	Representation of the moon's anomalous gravity field by a field of point masses	1976
19770086869	Pathophysiology of accidental hypothermia	1976
19770086871	Heat exchange in man exposed to different degrees of overheating	1976
19770086876	Secure wire access terminal	1976
19770086877	Operational test 3 (OT 3) of communications technical control center, AN/TSQ-84	1976
19770086880	An/UYA-7 modification storfact	1976
19770086881	Concept of employment for the Multiple Channel Same Frequency Repeater (MSFR)	1976
19770086882	Phototelegram retrieval and sorting equipment with magnetic handling	1976
19770086883	Support of combat command by television technology	1976
19770086884	Oceanographic systems program	1976
19770086885	Problems associated with the use of a free-flooded circumferentially polarized ring transducer in a towed-array application	1976
19770086886	Titan 2 Extended Life Evaluation Program (TELEP)	1976
19770086887	Titan 2 Reliability And Aging Surveillance Program (RASP)	1976
19770086889	PATRIOT. Volume 1: Engineering development summary report	1976
19770086890	Programming changes to G and C hybrid simulation	1976
19770086891	Insulated fin bracket study on the AN/DAW-1 Chaparral missile	1976
19770086892	Low cost orthogonal reinforced carbon/carbon composites for missile heatshields	1976
19770086893	Shape stable carbon/carbon nosetip composites	1976
19770086895	Air transport group operations centre: Human engineering design recommendations	1976
19770086897	The use of maximum information colour enhancements in water quality studies	1976
19770086898	Noise levels in the CH147 Chinook helicopter	1976
19770086899	A hand-held radio pill temperature readout	1976
19770086900	Operational measurement of divers' core temperatures	1976
19770086901	A method for measuring clothing insulation	1976
19770086902	Frequency domain optical processor for SAR imagery	1976
19770086904	Monthly bulletin. Canadian upper air data, April 1976	1976
19770086905	Monthly bulletin. Canadian upper air data, March 1976	1976
19770086906	Monthly bulletin. Canadian upper air data, February 1976	1976
19770086908	Technical support of the laser programs at DARPA	1976
19770086909	Optical phenomena, materials and techniques	1976
19770086910	Low scatter mirrors and baffles for infrared applications	1976
19770086911	Development of cavitating water jet for case reclamation facility	1976
19770086913	Shockwave attenuation by single perforated plates	1976
19770086914	Strategic reentry technology program, phase 4. (STREET-A 4). Volume 10: Task 4.1.2, hypersonic flow over indented nosetips: STREET-A4 experiments and data analysis	1976
19770086916	Electret thermal analysis of polystyrene and polycarbonate films	1976
19770086917	The effect of heat treatment on the structure and properties of multicore conductors made of Nb3Sn and V3Ga	1976
19770086919	Use of lasers in fusion	1976
19770086921	Preparation of heat-resistant antifrictional and wear-resistant coatings by contact eutectic melting	1976
19770086923	Testing changes in the auditory discomfort threshold	1976
19770086924	Finite-difference analysis for predicting large elastic-plastic transient deformations of variable-thickness Kirchhoff, soft-bonded thin, and transverse-shear deformable thicker shells	1976
19770086926	Application of the invariance principle in detection problems with a priori uncertainty	1976
19770086927	Pneumatic-centrifugal RPM limiters	1976
19770086928	Test and evaluation results of the Monsanto plastic shipping and packaging container system	1976
19770086929	Methodology investigation proposal, improvement of inert-loading capability	1976
19770086930	AMST fuel tank study	1976
19770086931	Lubricant variables influencing miniature bearing torque	1976
19770086941	Space programs	1976
19770086942	Study of thermomechanical treatment of certain titanium alloys	1976
19770086943	Polymer-concrete and other discoveries	1976
19770086944	Evaluation of MIL-H-83282 fire-resistant hydraulic oil as a landing gear shock strut fluid	1976
19770086945	A preliminary study of adhesive bonding of newer structural plastics	1976
19770086948	Rain erosion sled tests of radome materials at Mach 5	1976
19770086949	Chapter 4, Section 5: High-temperature gaseous corrosion of titanium under coatings. Section 6: Oxidation of molybdenum and niobium under coatings. Section 7: Cohesion of coatings with metals	1976
19770086951	Furnace for electroslog remelting and casting	1976
19770086952	An experimental investigation of the Minimum Resolvable Temperature (MRT) difference test and comparison with mathematical models	1976
19770086953	Background measurements program	1976
19770086954	Background measurements program	1976
19770086955	Fiber optics test program for satellite applications	1976
19770086957	The advanced charge coupled mosaic program	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770086958	Tri-service operational test and evaluation (OTE-3) of satellite terminal AN/FSC-78 test plan	1976
19770086959	Development test 2 of the Digital Message Device (DMD) for tactical fire direction system (TACFIRE) test plan	1976
19770086960	Army helicopter night/adverse weather system (N/AWS)	1976
19770086961	Measurement of the angular coordinate from quantized data when signal intensity is unknown	1976
19770086962	Aircraft signatures in the infrared 1.2 to 5.5 micron region. Volume 1: Instrumentation	1976
19770086963	Aircraft signatures in the infrared 1.2 to 5.5 micron region. Volume 2: Background measurements	1976
19770086964	Integrated navigation systems	1976
19770086965	Operational test and evaluation C-141 station keeping equipment and drop zone marker	1976
19770086966	A 1.4-Micron photocathode	1976
19770086967	Flight test support: Development of a palletized flight test installation for the Side Lobe Blanker project and in-flight support for the polarization ECM project	1976
19770086968	Safety related testing of the MJU-8/B decoy flare	1976
19770086969	Demand-assignment/time-division multiple-access modem design for a UHF satellite communication system	1976
19770086970	Photometric and near infrared	1976
19770086971	SHIVA one megajoule capacitor bank	1976
19770086978	NSC, DM54L00F, TTL quadruple 2-input positive nand gate DM54 L00F	1976
19770086981	Millimeter-wave dielectric wave-guide integrated circuits	1976
19770086982	Required Operational Capability (ROC) broadband omni-directional VHF antenna system	1976
19770086983	Improved radiation hardness of type 108 linear circuits	1976
19770086984	The 70-mm Rocket explosive hazard test	1976
19770086987	Pyrotechnics	1976
19770086989	Wind-tunnel test of a spinning, low-drag projectile (ERDA Mod 1) with canted bore riders at Mach numbers from 1.75 to 2.5	1976
19770086991	Delay line, digital	1976
19770086992	Improved high range GM tube for the AW/VDR-1 Radiac set	1976
19770086993	Evaluation report of the Mk 17 Mod 0 (non-electric) detonating cord initiator	1976
19770086994	Ballistic simulators for charge acceptance	1976
19770086995	Optimizing illuminating flare systems designs	1976
19770086996	Static and magnus aerodynamic characteristics of the 155mm, M483 projectile and its modifications	1976
19770086997	Vulnerability assessment for hydraulic power system. Volume 2: System description	1976
19770086998	Vulnerability assessment for leading and trailing edge flap system. Volume 2: System description	1976
19770086999	Vulnerability assessment for air-conditioning system. Volume 2: System description	1976
19770087000	Vulnerability assessment for flight control hydraulic shutoff systems. Volume 2: System description	1976
19770087001	Vulnerability assessment for standby attitude reference system. Volume 2: System description	1976
19770087002	Low power radiation hardened analog-to-digital converter, volume 1, phase 1	1976
19770087003	Variable capacitance electrostatic energy conversion system	1976
19770087004	The future of silicon solar cells for ground application	1976
19770087007	Seawater activated lithium battery	1976
19770087008	Engineering evaluation of Bendix model 28B95-51-D AC generator used on P-3 aircraft	1976
19770087011	Manufacturing methods for production of rare earth-cobalt magnets for application in motors	1976
19770087012	Reconnaissance information (RECON) system: Functional Description (FD)	1976
19770087014	EMP-induced surface charge and current densities on the B-1 and 747 aircraft. Volume 1: High frequency response of the B-1 aircraft	1976
19770087015	EMP-induced surface charge and current densities on the B-1 and 747 aircraft. Volume 2: High frequency response of the 747 aircraft	1976
19770087016	EMP-induced surface charge and current densities on the B-1 and 747 aircraft. Volume 3: Early time response of the B-1 aircraft	1976
19770087017	EMP-induced surface charge and current densities on the B-1 and 747 aircraft. Volume 4: Early time response of the 747 aircraft	1976
19770087018	KC-135 modernization study, volume 1	1976
19770087019	KC-135 modernization study. Volume 2: Supplementary engine/airplane performance and CFM56 cost data	1976
19770087020	Pulse power damage characteristics of electrical resistors. Volume 1: Experimental program, results, and damage correlations	1976
19770087021	Pulse power damage characteristics of electrical resistors. Volume 3, appendix B: Pulse power resistor damage characteristics	1976
19770087022	Pulse power damage characteristics of electrical resistors. Volume 4, appendix C: Pulse power damage data	1976
19770087023	Pulse power damage characteristics of electrical resistors. Volume 4, appendix C: Pulse power damage data	1976
19770087024	The effects of dielectric materials on satellite systems analysis. Volume 2: Effects of dielectric layers on SGEMP response; a preliminary estimate	1976
19770087025	The effects of dielectric materials on satellite systems analysis. Volume 3: Effects of various non-conducting gaps and surfaces on SGEMP response	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087026	Operational test and evaluation plan for YC-141B. Volume 1: Supportive data	1976
19770087027	Operational test and evaluation plan for the YC-141B. Volume 2: Test operations	1976
19770087028	Depolarization current and molecular motion in polyvinylidene fluoride electrets	1976
19770087029	Depolarization current and molecular motion in polyethylene and polytetrafluoroethylene electrets	1976
19770087030	J85-21 compressor blading aeromechanical analysis. Volume 1: Technical report	1976
19770087031	J85-21 compressor blading aeromechanical analysis. Volume 2: Reference data	1976
19770087032	Multiweapon fire control system flight test data analysis. Volume 2: Supplementary data	1976
19770087033	Multiweapon fire control system flight test data analysis. Volume 3: Analysis programs	1976
19770087034	Viking '75 and LES 8/9 reentry nuclear safety studies. Volume 1: Reentry subpanel activities	1976
19770087035	Viking '75 and LES 8/9 reentry nuclear safety studies. Volume 2: Supplementary reentry response	1976
19770087038	Phased array system concepts and power calculations	1976
19770087039	Vulnerability assessment for AN/APQ-122(V) radar set. Volume 2: System description	1976
19770087040	Evaluation of solid state radars for measuring projectile velocity	1976
19770087041	Low-level SGEMP code (LOCO)	1976
19770087042	Antenna position designatory system	1976
19770087043	System design for a radar data acquisition system	1976
19770087046	Reconnaissance drone	1976
19770087052	High-performance, low-power bulk CMOS/LSI fabrication technology	1976
19770087053	Process specification: Adhesive locking and sealing with 3M EC-776SR	1976
19770087059	Engineering evaluation of Bendix ac generator control unit, model 21 B55-3 A, used on A-7 type aircraft	1976
19770087061	Aydin Vector Series T-110S, FM telemetry transmitter spectrum utilization characteristics	1976
19770087062	Radiotechnique-Compelec supplies solar cells for radio beacons	1976
19770087063	Terrestrial utilization of CdS-Cu ₂ S solar photocells in the south of France	1976
19770087064	Empirical method of designing the volt-ampere characteristics for the discharge mode of a thermionic converter	1976
19770087067	Computer performance evaluation of the Military Air Integrated Reporting System (MAIRS)	1976
19770087068	Two/four wire digital subset	1976
19770087069	Prediction of relative available noise power for power-line radio noise	1976
19770087071	ARC-164/VINSON: Alternate 3 channel interference test	1976
19770087072	Initial operational test and evaluation of the Operational Video Tape Recorder (OVTR)	1976
19770087073	Study of multi-state PN sequences and their application to communication systems	1976
19770087075	High speed analog-to-digital converter	1976
19770087076	Launch assist methods for V/STOL aircraft	1976
19770087077	Qualification test report for the M56 antitank mine battery	1976
19770087078	Customer service test of 10,000-pound capacity (10K) and 25,000-pound capacity (25K) sling legs (modifications B and D) for a family of helicopter external slings	1976
19770087079	Experimental investigation of the effect of various scaling laws on the quality of the free-drop store separation simulation	1976
19770087080	Demonstration flight test of the MXU-648 aircraft cargo pod	1976
19770087083	FDTE of 10,000-pound capacity 10K and 25,000-pound capacity (25k) sling legs (modified) for a family of helicopter external slings	1976
19770087084	Feasibility test of MC1-1 parachute for use in surface winds exceeding 13 knots	1976
19770087085	Theoretical study of laser-target interactions	1976
19770087090	Ablation/erosion evaluation of reentry vehicle materials. Volume 2: Heatshield materials (U)	1976
19770087091	Airborne measurement of laser reflectivity for the Target Intercept Timer (TINT) (U)	1976
19770087094	Initial operational test and evaluation of the Tomahawk land -attack missile (U)	1976
19770087101	Modeling of plumes, decoys, and seekers, a bibliography (U)	1976
19770087103	Determination of basic data for evaluation of rigid body response studies for the Soviet SCUD-B weapon system (U)	1976
19770087106	Assessment of drag on the 4-inch gapped wing configuration of the improved Hawk missile (U)	1976
19770087107	Solutions of a general class of fluid structure interaction problems by the finite element method (U)	1976
19770087108	Cratering, mass loss, and residual damage due to hypersonic particle impacts on ablative materials (U)	1976
19770087111	Quick-look report on initial operational test and evaluation of the A-6E TRAM OPNAV report (symbol 3960-12) (U)	1976
19770087118	Development test III of AN/ALR-46 radar warning receiver (U)	1976
19770087124	Radar reflectivity study (U)	1976
19770087125	High temperature turbine program (U)	1976
19770087127	Antenna technology program. Part 2: Specific system designs (U)	1976
19770087131	A long wavelength infrared projection system study (U)	1976
19770087133	Vulnerability assessment for AN/ARA-64 subassemblies. Addendum 1: Detailed upset analysis (U)	1976
19770087134	Numerical solutions to armor penetration problems involving the XM735 projectile (U)	1976
19770087135	Interaction between shaped charge jets and porous media (U)	1976
19770087137	Liquid propellant gun bipropellant formulation and testing status report (U)	1976
19770087138	Check test of tank thermal sight (U)	1976
19770087139	OT and E of F-111 digital computer tapes (GNC/WDC), issue D-17 (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087146	AFSATCOM 2 System Integration Design Specification (SIDS) study. Volume 1: Executive summary (U)	1976
19770087147	AFSATCOM 2 System Integration/Design Specification (SIDS) study. Volume 1: Executive summary, addendum (U)	1976
19770087148	AFSATCOM 2 System Integration/Design Specification (SIDS) study. Volume 2, phase 2: Study (sections 1 - 5) (U)	1976
19770087149	AFSATCOM 2 System Integration/Design Specification (SIDS) study. Volume 3, phase 2: Study (sections 6 and 7) (U)	1976
19770087150	AFSATCOM 2 System Integration/Design Specification (SIDS) study. Volume 7, phase 2: Extension (forward compatibility) maneuverability design and analysis (U)	1976
19770087151	System integration/design specification study for AFSATCOM phase 2. Volume 1. Executive summary (U)	1976
19770087152	System integration/design specification study for AFSATCOM phase 2. Volume 2. Concept A (U)	1976
19770087153	System integration/design specification study for AFSATCOM phase 2. Volume 4. Concept C (U)	1976
19770087155	System integration/design specification study for AFSATCOM phase 2. Volume 7. Terminals (U)	1976
19770087156	System integration/design specification study for AFSATCOM phase 2. Volume 8. Supplementary data (U)	1976
19770087158	AIM-54A phoenix performance verification launch program (U)	1976
19770087161	System integration/design specification study for AFSATCOM phase 2. Volume 3: Concept B (U)	1976
19770087166	Vulnerability and assessment for magnetic heading reference system. Volume 1: Vulnerability assessment summary (U)	1976
19770087167	Vulnerability assessment for magnetic heading reference system. Volume 3: Analysis data (U)	1976
19770087169	High intensity flare investigation (U)	1976
19770087171	Advanced gamma ray spectrometer (U)	1976
19770087172	Effect of CW laser radiation on reticle seeker tracking capability (U)	1976
19770087175	Report of the Army Scientific Advisory Panel AD Hoc Group on Particle Beams (U)	1976
19770087189	RIMSS specification	1976
19770087192	Airborne electronically steerable phased array	1976
19770087193	A comparative study of active and passive microwave imagery over the north slope of Alaska	1976
19770087196	Future experimental problems in photoionization	1976
19770087201	Experimental determination of the single photon transition rate between the 2(3S1) and 1(1S0) states of He-1	1976
19770087202	Uranium excited state parameters	1976
19770087203	A bond energy approach to liquid metal embrittlement	1976
19770087204	Simplified APC for space shuttle applications	1976
19770087209	Nuclear pumped laser	1976
19770087210	Semiannual Report, 1 Nov. 1975 - 30 Apr. 1976	1976
19770087225	Calculation of solar wind flows about terrestrial planets	1976
19770087228	A physiological evaluation of the stress imposed by protective clothing	1976
19770087229	The effects of thermal and ionizing nuclear radiation on aircrews	1976
19770087230	Molecular Entrapment Gas Storage (MEGS)	1976
19770087231	Effect of microstructure and size distribution of aerosol particles on the optical characteristics of aerosols	1976
19770087233	Progress report abstracts oceanic biology	1976
19770087234	State-of-the-art of analytical spatial phototriangulation and prospects for its development	1976
19770087235	The digigraf system and its application in cartography	1976
19770087237	Technique for rapidly simulating gravity in a trajectory model.	1976
19770087238	User's manual for axisym: A finite element program for axisymmetric or plane strain simulation of soil-structure interaction	1976
19770087239	High burst number rated spot persistency of self-quenched counter tubes	1976
19770087240	Development and fabrication of high performance pyroelectric vidicons	1976
19770087242	Fluid resistance testing of electrical wire used in aircraft and missiles	1976
19770087244	Reliability and maintainability program for NAEC system SERD catapult	1976
19770087245	Automated procedure for evaluating site for suitability as helicopter landing zones. Volume 2: Listing of computer programs	1976
19770087246	Simulator systems comparative evaluation	1976
19770087247	Product improvement test of engine, 6V53T, cast iron replacement block for M551	1976
19770087248	Research test of armor forgings, aluminum alloy (ballistic requirements for MIL-A-452225)	1976
19770087249	Flight test of a high density penetrator	1976
19770087250	Analysis of GBU-15 data link flight tests on Walleye weapon	1976
19770087251	Development test of the low-drag BSU-49/B air Inflatable Retarder (AIR)	1976
19770087252	Illumination and burn time tests for quality assurance of LUU-2/B, LUU-2A/B, and LUU-4/B flare candles	1976
19770087253	Efficiency of emission of a relativistic electron flow directed by a periodically non-uniform magnetic field	1976
19770087254	The repeatedly tested tensile strength of some ceramic whiskers and surface flaws	1976
19770087256	Signal mixtures and devices	1976
19770087258	Aerodynamic loads and separation trajectory tests on the supersonic rocket launcher with the F-15 and F-16 aircraft at Mach numbers from 0.4 to 1.20	1976
19770087261	BMDATC software development system. Supplement: FY 76 research description	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087262	Monthly bulletin of Canadian upper air data, January 1976	1976
19770087263	Proposed acoustic research array with signal detection capability	1976
19770087266	MADSIM: A computer software magnetic anomaly detection system simulator	1976
19770087269	Fluidic devices: Interaction between main and control jets	1976
19770087271	Applications of mode-locked CW lasers to high-speed cinematography	1976
19770087274	Development of high temperature functional fluids	1976
19770087275	Development of high temperature thickeners for high performance greases, part 1	1976
19770087276	Equipment specification for construction of the Otto fuel wastewater treatment plant	1976
19770087277	Test and evaluation of the HLU-196B/E bomb hoist and MHU-126/M small shore based munitions trailer for use with the P-3 aircraft	1976
19770087278	Evaluation of an Intex, Incorporated, prototype oil-in-water analyzer	1976
19770087279	Qualification of MIL-L-23699B aircraft turbine engine oil PVO STO 5700	1976
19770087281	Pollution and antidote centers: The study of the correlations between location, height at which samplings are taken, meteorological conditions, and major atmospheric mineral pollutants	1976
19770087286	Launch vehicle reliability considerations for nuclear safety assessment	1976
19770087289	Process of austenization through rapid heating and heating by impulsion of steel	1976
19770087290	Nickel-free steels for automatic forging machine tools	1976
19770087291	Biodegradation of high polymer by microorganisms	1976
19770087293	A 1.4-Micron photocathode	1976
19770087295	Detection of a train of signals with unknown parameters in noise whose level is known	1976
19770087305	Vulnerability assessment for rudder ratio changer system. Volume 2: System description	1976
19770087315	High rate, rechargeable, silver-zinc, pile type battery	1976
19770087316	Evaluation of hybrid composites	1976
19770087317	The use of metallized ceramics in the vacuum envelope of the M1/140 fuze A2 tube	1976
19770087318	Refractory material	1976
19770087319	Sintering of zirconium dioxide with addition of yttrium oxide	1976
19770087320	Manufacture of a continuous fiber from basalt	1976
19770087321	Applicability of metal gluing in mechanical engineering	1976
19770087322	Weathering effects on aircraft coating systems	1976
19770087323	Survival kit emergency light LEU-10/E evaluation	1976
19770087324	Vaporization of graphitic materials at high mass transfer rates	1976
19770087325	Reconditioning test of generator set, 5-kW, 60-Hz	1976
19770087326	Thermoelectrical engineering	1976
19770087327	Pu(238): Source of a thermonuclide battery for a heart pacemaker	1976
19770087329	Effect of the separation of the zinc electrode in nickel-zinc storage cells on its self-discharge	1976
19770087331	Power supply	1976
19770087333	Required operational capability (ROC) expeditionary electrical power distribution system	1976
19770087338	Super high frequency discriminator	1976
19770087339	Calculations of maximum signal-to-noise ratio at the output of a detuned filter	1976
19770087341	Manufacturing technology on radiation-hardened MSI/LSI integrated circuits	1976
19770087344	Enhancement mode GaAs JFET	1976
19770087345	Arbitrary area and pattern positioning on spherical surfaces	1976
19770087346	On the employment of the method of least squares under the effects of systematic errors	1976
19770087347	Heat resistant and nonflammable materials	1976
19770087348	Investigation of thermal insulation block	1976
19770087349	The finite element method as applied to ductile materials undergoing large strains and ruptures	1976
19770087351	Economic effectiveness of container shipments	1976
19770087352	Containers and pallets	1976
19770087357	Water-containing plastic composite materials. 1: Preparation and mechanical properties	1976
19770087358	Remarks on pyrophori and pyrophoricity	1976
19770087361	Short-time annealing of cold-rolled low-carbon steel strip, report no. 188 of the Committee for Cold-Rolled Steel and report no. 1832 of the Materials Committee of the Association of German Ironworks	1976
19770087362	A contribution to the theory of rapid heating and rapid cooling of steel	1976
19770087364	Mechanical properties of industrial titanium alloys	1976
19770087365	Refractory ceramics of rare earth tungstates	1976
19770087366	Electroslag casting in the production of intricately shaped articles	1976
19770087368	Proceedings of the 5th Annual Conference on Infrared Laser Window Materials	1976
19770087370	Strategic reentry technology program, phase 4 (street-A IV). Volume 13, task 4.1.8: Lateral injection study	1976
19770087371	Boundary-layer development in the nozzle and test section of a transonic Ludweig tube	1976
19770087372	Aerodynamic loads and separation characteristics of the BLU-27B/B, MK-82SE, and GBU-8 weapons F-16 aircraft flow field at Mach numbers from 0.4 to 1.2	1976
19770087373	Effect of cationic A(4+)-Ln(3+) substitutions on the polymorphism of lanthanide sesquioxides. Application to the interpretation of equilibrium diagrams of Zr ₂ -Ln ₂ O ₃ and ThO ₂ -LnO ₃ systems	1976
19770087374	Experimental determination of the elements of a mathematical model of an MHD generator	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087376	Translations on USSR industrial affairs (GUO 33/76)	1976
19770087377	Translations on eastern Europe: Economic and industrial affairs (GUO 8/76)	1976
19770087385	PSA1 TAC T (MR) strip trials on soft ground with Hercules and Andover aircraft	1976
19770087386	Further results on the heat transfer to hemisphere-cylinders and bluff-cylinders between continuum and free molecular flow	1976
19770087387	Effect of dwell on the growth of fatigue cracks in Ti-6Al-4V alloy bar	1976
19770087388	Problems in the use of ultrasonic attenuation measurements for the determination of void content in CFRP	1976
19770087389	Effects of high austenitisation treatments upon the plane strain fracture toughness and other mechanical properties of 300M bar	1976
19770087403	Fourth advanced operational aviation medicine course	1976
19770087404	Range instrumentation, weapons systems testing and related techniques	1976
19770087405	Use of precision positioning systems by NATO, volume 1	1976
19770087406	Small Solid Propellant Rockets for Field Use	1976
19770087407	Night and All-Weather Guidance and Control Systems for Fixed-Wing Aircraft	1976
19770087416	Military-medical Journal, No. 9, September 1976	1976
19770087417	Air transport evacuation of wounded and sick	1976
19770087418	Specialized training of an aviation doctor	1976
19770087419	Prospects for the use of decompression of the lower part of the body in flying fitness examinations	1976
19770087423	Exhaust gas analysis of jet engine starter cartridges	1976
19770087425	A design concept investigation of a day/night sight periscope for the ground laser locator designator	1976
19770087426	Night vision apparatus for river vessels	1976
19770087427	Concept evaluation of the Mast Mounted Sight System (MMSS)	1976
19770087428	Effective optical cross sections of BDU-33 and Mk106 bombs, and 2.75-inch folding fin rocket	1976
19770087429	Guided missile rocket motor igniter safety: Recommendations for a common improved igniter arming-firing device	1976
19770087430	Problem of evaluation of the diffusion coefficient of quasi-stationary echo signals	1976
19770087433	Functional analysis for the over-the-horizon targeting RPV system	1976
19770087434	YAV-8B cockpit design study	1976
19770087435	YAV-8B cockpit design study. Addendum 1: Cockpit arrangement evolution	1976
19770087436	Advanced sensor concepts technology development plan	1976
19770087438	ADAM: An Analytic Description of an Articulated Man to be used for representing crew members in combinatorial geometry descriptions of Army vehicles	1976
19770087446	Computer-aided prediction of remaining fatigue life of internally pressurized cylinders	1976
19770087447	Performance evaluation of 1.06 micron laser system	1976
19770087449	Effect of electrosag remelting on brittle resistance of forgings for welded turbine rotors	1976
19770087462	The effect of sulphur dioxide on a graphite/epoxy composite	1976
19770087463	High-pressure ablation testing using steady-state and ramp test techniques in the HIP arc heater facility	1976
19770087464	Exploratory development of antistatic coatings for use on aircraft transparencies	1976
19770087465	Evaluation of potting materials	1976
19770087466	Carbon/graphite yarn characterization and carbon-carbon constituent sensitivity study	1976
19770087468	Formation of detonation coatings	1976
19770087469	New findings in the manufacture and processing of tritium luminous paints	1976
19770087470	Refractory compounds having structures derived from the perovskite	1976
19770087471	Metal-nitride-oxide-semiconductor memory module	1976
19770087473	Air Force/Industry Standard Electronic Module Workshops	1976
19770087487	Connectors, general purpose, electrical, miniature, circular, environment resisting	1976
19770087488	Transistor-n-p-n, silicon	1976
19770087489	Resistor, fixed film-chip	1976
19770087490	Generator, noise	1976
19770087492	Resistor, variable, wire wound	1976
19770087493	Adapter, cable clamp to connector	1976
19770087494	Contact, electrical	1976
19770087495	Frame, Terminal bound	1976
19770087496	Socket, plug-in, electronic component	1976
19770087497	Integrated preamplifier/multiplexer module development, part 3	1976
19770087498	Integrated injection logic technology development	1976
19770087499	Project briefs (active projects supplement)	1976
19770087500	Project briefs (completed projects supplement 19)	1976
19770087504	Radiation-hard COS/MOS devices incorporating undoped (dry) SiO ₂ channel devices	1976
19770087505	Design, fabrication and simulation testing of a signal processor to be integrated with millimeter radiometer seeker subsystem	1976
19770087508	Night vision devices in the (West German) Army	1976
19770087509	Airborne hybrid data collection and data reduction system	1976
19770087510	Optimum reception of phase noise-distorted signals	1976
19770087512	The prospects of facsimile systems	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087513	Production validation test: Government (PVT-G) of communication technical control center AN/TSQ-84	1976
19770087515	A laboratory evaluation of small unit transceiver candidate radios	1976
19770087516	Infrared signature of a Firebee drone retrofitted with a Teledyne augmentation plume simulator	1976
19770087517	Ground and airborne scintillation studies of AFSATCOM DT and E/IOT and E	1976
19770087518	Reconnaissance information system (RECON) redesign.	1976
19770087520	Radiation effects electronics assessment of new technologies for applications in fiber optics communication systems	1976
19770087521	Required Operational Capability (ROC) helicopterborne command, control, communications central (HC4)	1976
19770087522	Annex A mutual interference between selected terrestrial services and AFSATCOM system	1976
19770087523	Broadband segmented aperture feed program	1976
19770087524	Comparison of passive techniques for emitter location using airborne platforms	1976
19770087525	Vulnerability assessment for radio transmitting set AN/ART-47. Volume 2: System description	1976
19770087531	UR: Recording on magnetic tape of half tone image	1976
19770087533	A method for measuring high radiation intensities with a counter tube	1976
19770087534	Air Force Armament Laboratory infrared plume simulation capabilities	1976
19770087535	Aerial electronic reconnaissance and jamming	1976
19770087537	Improvement of the accuracy of slides made from aerial negatives	1976
19770087539	Statistical methods of regulation and quality control	1976
19770087540	A transient experiment using a multiple-pulse laser light source	1976
19770087541	Propagation studies for COBRA DANE	1976
19770087542	A model for OTH-radar data	1976
19770087543	Calculation of optimum ratios of false operation and suppression errors in multichannel radar receivers	1976
19770087544	Utilization of foliage-penetration radar systems in Central Europe	1976
19770087545	Tracking filters for a laser-guided rocket	1976
19770087546	Applications of a self-calibrating silicon bolometer	1976
19770087547	Field enhanced photo-emission in the infrared and a study of interface states at N. E. A. surfaces	1976
19770087548	InSb CID imagers	1976
19770087549	Hot-spot signatures/theory and experimental results	1976
19770087550	Integrated Missile Electronics Set (IMES). Disjoint partitions	1976
19770087551	All-weather piloting system phase 1 shipboard demonstration test plan	1976
19770087552	Certification test procedure MK 1 Mod 0 stabilized glide slope indicator and wave-off lights	1976
19770087555	Use of phase-type light valves in ladar local oscillators to adjust for optical misalignments	1976
19770087556	Multiple Output Integrating Accelerometer (MOIA), volume 1	1976
19770087557	Performance models and optimal spatial filtering for image registration	1976
19770087558	Design and analysis study for prototype laser missile attitude measurement system	1976
19770087559	Terminal homing engineering flight test T7/current optical contrast seeker missile, 7 November 1975	1976
19770087560	ATOM-I: An algorithm for tracking of moving sets	1976
19770087561	Command and control antenna patterns for the VSTT drone	1976
19770087562	A plan for data collection, analysis and evaluation of SOTAS in support of DT I	1976
19770087563	Detection analysis for moving target indicators in noncoherent radars	1976
19770087564	Assignment algorithms and their use in real time association of tracks and flight paths	1976
19770087565	The 485L Automatic Radar Tracking (ART) development test and evaluation/initial operational test and evaluation	1976
19770087566	Advanced radar aperture concepts	1976
19770087567	Spurious target modulation effects in closed loop adaptive systems	1976
19770087569	Evaluation of an enclosed wire buried line transducer	1976
19770087570	Development of a track accelerator for missile flight acceleration simulation	1976
19770087571	Development test II, air transportability/airdrop/lapse of Howitzer, 105-MM, towed, XM204	1976
19770087572	Summary and analysis of wind tunnel tests of several store configurations at high subsonic and low supersonic speeds	1976
19770087573	Computational study of weapon ejector system	1976
19770087575	Back blast from recoilless aircraft cannons: Methods for prediction and reduction	1976
19770087576	F-111 munitions compatibility flight test program (SEEK EAGLE), phase 2	1976
19770087577	Report of compatibility study between TNT/aluminum and polyester	1976
19770087578	Target deformation in front of a hydrodynamically penetrating rod projectile. Analysis of experiments	1976
19770087581	Study of a one second delay placed between two detonating cords	1976
19770087582	FDTE for airdrop of land mines	1976
19770087584	Flight measurement technology for free flight rockets	1976
19770087585	Investigations of transitional ballistics in muzzle jet flow simulators	1976
19770087586	Analysis of category 1 suppressive shield effectivity data	1976
19770087587	Methodology investigation of refinement of ballistic requirements for titanium armor against caliber .50 AP, M2 projectiles	1976
19770087588	An approximate nondimensional representation of the Thor equations	1976
19770087589	Static stability characteristics of the MK-82/84 air-inflatable retarder high drag model	1976
19770087591	Screw, panel fastener	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087592	Feedback-controlled spotwelding	1976
19770087593	Fabrication, material characterization and machining process evaluation of S-65 grade hot-pressed beryllium	1976
19770087596	Development of ion-engraving techniques for integrated circuits	1976
19770087599	Optimizing the design of converter-fed synchronous motors for traction vehicles	1976
19770087600	Tires for use in cold climate zones	1976
19770087601	Evaluation of quality of products in industrial production	1976
19770087602	Chapter 6: Continuous and semicontinuous casting. Chapter 7: Other special methods of casting	1976
19770087603	Robots in industry	1976
19770087604	Technical-economic possibilities of metal production by the electroslag remelting process	1976
19770087605	Diffusion bonding of alloy titanium pressure hulls: A feasibility study	1976
19770087607	Prediction of relative available noise power for vehicular ignition noise	1976
19770087609	Characterization of the HY-130 matching composition electroslag welding electrode	1976
19770087610	Free flight rocket technology program flight analysis of FFR nos. 3, 4 and 5	1976
19770087611	Single crystals of stabilized zirconium dioxide or hafnium dioxide and procedure for preparing them	1976
19770087612	Conclusion from the Conference for the Study of Crystalline Transformations at High Temperature	1976
19770087613	The advantages of fluidic control systems as opposed to other types of fluidic control systems demonstrated in the light of technical and economic aspects	1976
19770087614	Operational test I (OT I) of the 2.75 inch rocket White Phosphorous (WP) smoke (XM 259)	1976
19770087615	KA-98 Laser Line Scan Camera RPV demonstration tests, volume 1	1976
19770087620	Coupler, directional	1976
19770087624	Switch, rotary	1976
19770087626	Laboratory test of Burroughs B700 series related computer capability to emulate univac CP-901 computer capabilities	1976
19770087627	Program for generating map grid coordinates	1976
19770087631	Discharge-heated copper vapor laser MOPA operation	1976
19770087633	Finite element analysis of transonic flows over thin airfoils. Volume 2: Program user's manual	1976
19770087634	Assessment of installed inlet forces and inlet/airframe interactions	1976
19770087635	Scanned laser illuminator/receiver	1976
19770087636	A method for computing three-dimensional viscous flows over an ogival body at angle of attack	1976
19770087637	Polyvinylidene fluoride electrets	1976
19770087638	Electrolytic method and electrolytic cell	1976
19770087639	Protection of armored vehicle crews: Flame tests	1976
19770087640	Noise analysis and protective measures	1976
19770087641	Evaluation of a prototype section of thermoshield window	1976
19770087642	French utility helicopters	1976
19770087643	Selection of power plants for light and medium helicopters	1976
19770087645	Preliminary evaluation of the ability of the C-12A aircraft to operate safely on substandard airstrips	1976
19770087647	Vulnerability assessment for oil quantity indicator, volume 2	1976
19770087648	Generic ordnance ramjet engine (GORJE) fuel tank	1976
19770087649	Elastomers for liquid rocket propellant containment, part 3	1976
19770087650	SYEP plasticizer	1976
19770087651	Y/AV-8B nozzle development plume flow field survey	1976
19770087652	YAV-8B inlet test plan	1976
19770087654	Using in-flight engine-condition monitoring system to improve TF41 engine survivability	1976
19770087655	Advanced turbine engine seal test	1976
19770087656	The Alperin Jet-Diffuser Ejector (AJDE), high temperature model, test procedures and low-temperature performance	1976
19770087657	Study of a charged wire grid for reducing electron backscatter in EMP satellite simulators	1976
19770087658	Propagation effects on satellite systems: A brief status report	1976
19770087659	Advanced ceramics for (diesel) engines	1976
19770087660	The 5/50 lbf life improvement experiments	1976
19770087661	Low cost small turbine engine component development. Volume 2: Compressor design and test	1976
19770087662	AFRPL rocket plume measurements	1976
19770087663	Hydrogen energy: Chemical problems involved	1976
19770087664	Combustion tests of RJ-5 fuel blends	1976
19770087667	On the question of the best cartographic projections	1976
19770087668	Modernization of survey equipment	1976
19770087669	Hygienic evaluation of the thermal-insulating properties of clothing made of fabrics with high reflecting properties	1976
19770087670	Characterization of the psychophysiological conditions of man for acoustic signal detection	1976
19770087671	Unified system of design documentation: Operating and repair documentation	1976
19770087672	Evaluation of real time cepstra for the rapid detection of voiced speech	1976
19770087673	Nitrogen trifluoride (NF3) oxidizer systems design criteria	1976
19770087674	Reevaluation of towed jumper procedures	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087675	Optical spatial filter analysis	1976
19770087676	STINGER human factors engineering	1976
19770087677	A collection of motion data and habitability studies for SES and other ships	1976
19770087679	Evaluation of modified CWU-33/P ventilated anti-exposure assembly	1976
19770087683	Rapid geodetic survey system	1976
19770087685	Evaluation of proposed modification to the S-3A turn coordinators, supplement	1976
19770087686	T-38 flap interconnect failure tests	1976
19770087688	C-5 heading attitude monitoring system (HAMS) window expansion	1976
19770087689	Study of the synoptic processes in the upper layers of the atmosphere	1976
19770087690	Pilot's display indicator unit as used with FEWSG simulators	1976
19770087693	LAMPS simulations: VI. Pilot performance in LAMPS simulator	1976
19770087694	Independent evaluation report for DT III, (PUT-G) of the MQM-107, Variable Speed Training Target (VSTT)	1976
19770087708	Summer 1976 directory of navy electro-optical professionals	1976
19770087709	Use of the DIGICART data processing system in final surveys	1976
19770087710	CCD MNOS IC development	1976
19770087711	Semiconductor memory research	1976
19770087714	Circuit breaker	1976
19770087722	Modern computer equipment	1976
19770087723	Conceptual memory technology study for the E-2C A/C data processing system	1976
19770087724	Development of an MNOS BORAM: System design specification	1976
19770087734	Post, electrical-mechanical equipment	1976
19770087739	Insulator, plate	1976
19770087740	Insulator, sleeve: Alumina	1976
19770087743	Photocurrent sources in silicon-on-sapphire	1976
19770087751	Mechanics of brittle fracture	1976
19770087752	Establishment of a steady mode of operation in a self-excited MHD generator	1976
19770087755	High performance CO2 laser-medium caused by electrical discharge in a supersonic flow	1976
19770087759	ULF communication studies	1976
19770087760	PETROS 4: New developments and program manual for the finite-difference calculation of large elastic-plastic, and/or viscoelastic transient deformations of multilayer variable-thickness (1) thin hard-bonded (2) moderately-thick hard-bonded, or (3) thin soft-bonded shells	1976
19770087763	Feasibility study of a unique laser pointing system	1976
19770087764	Laser window materials characterization	1976
19770087766	CHAPARRAL vehicle 3000-PSI air system: Analysis and assessment	1976
19770087767	Design and test of prototype Safe Separation Sensors (SSS) and an Instrument Control Package (ICP)	1976
19770087768	Air-to-air effectiveness study (AIRVAL) SIDEWINDER AIM-9G/H missile simulation model description. Part 1: Unclassified material	1976
19770087769	Carbon/carbon nosetip billet fabrication	1976
19770087770	High strength carbon resin composites for re-entry vehicle nosetip skirts	1976
19770087771	Thermostructural testing of instrumented ATJ-S graphite shell nosetips in the AFFDL 50 MW facility	1976
19770087772	Experimental results from a static stability and pressure test of the Minuteman instrumented payload delivery system launch vehicle configuration at Mach numbers from 1.6 to 5.0	1976
19770087777	Trajectory reconstruction program milestone 2/3 report. Volume 1: Equations and logic. Part C: Trajectory generation	1976
19770087778	Trajectory reconstruction program (TRP) milestone 7 report (usage guide)	1976
19770087779	Phoenix launch range: Technical tradeoffs (U)	1976
19770087780	Anticipated propagation conditions for high-energy lasers at White Sands Missile Range (U)	1976
19770087781	Operational test III (OT III) of the radar warning receiver, AN/ALR-46 (U)	1976
19770087782	Project TOPSEA. Volume 1: Technical discussion (U)	1976
19770087783	Project TOPSEA. Volume 2: Surface wave radar design guide (U)	1976
19770087784	Air-to-air effectiveness study (AIRVAL) AIM-9G/H digital simulation validation. Volume 1: Missile operation and validation method (U)	1976
19770087785	Air-to-air effectiveness study (airval) AIM-9G/H digital simulation validation. Volume 2: Appendix, class 1, 2 and 4 plots used in validation of computer program (U)	1976
19770087786	High decomposition rate additives for burning rate acceleration (U)	1976
19770087788	Technology projection for conceptual surface warfare Alternative: Ship based air platforms (U)	1976
19770087792	I-band coupled cavity tube TWT type L-5388 development refinement program (U)	1976
19770087796	Droplet evaporation measurement methods and the evaporation of neat EA 4923 and of EA 4923 from imbiber beads (U)	1976
19770087797	Operational evaluation of the NATO PHM (U)	1976
19770087798	North European oil: Implications for NATO (U)	1976
19770087799	ITT AN/ARN-101 navigation and weapon delivery system, volume 1 (U)	1976
19770087800	ITT AN/ARN-101 navigation and weapon delivery system, volume 2 (U)	1976
19770087802	Cathode driven CFA (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087803	AFWL rocket impact tests (U)	1976
19770087805	Marine EA-6B ICAP weapons system personnel planning data (U)	1976
19770087812	AN/URC-78(XE-1)V VHF-FM radio system study effort (U)	1976
19770087813	SOTAS radar baseline design study (U)	1976
19770087814	ARPV system/design trade study report. Volume 7: Life cycle cost (U)	1976
19770087815	ARPV system/design trade study report. Volume 5: Vehicle (U)	1976
19770087819	Fiscal year 1977 engineering directorate technical test and evaluation program plan for minimum essential emergency communications network (MEECN) (U)	1976
19770087820	An analysis of the simulated deployment of 3 Corps (U)	1976
19770087822	DCS voice network design: System issues and guidelines (U)	1976
19770087824	Operational evaluation of the RVP (radar video processor) (U)	1976
19770087825	Stinger alternate advanced development program (U)	1976
19770087828	Compensated high-energy laser mirror development. Volume 1: Fast response thermally compensated mirror (U)	1976
19770087829	Compensated high-energy laser mirror development. Volume 2: Multiplate thermally compensated mirror (U)	1976
19770087831	Estimates of 57mm rocket effectiveness against Roland and Patriot equipment (U)	1976
19770087835	Initial operational test and evaluation of classic outboard equipment (U)	1976
19770087836	Technical publication summaries, January - June 1976 (U)	1976
19770087839	Advanced technology Seeker antennas (U)	1976
19770087843	Gas production/conditioning cycle analysis study (U)	1976
19770087845	QRC 73-21 (MJU-6/b chaff countermeasure) for AC-130A/H gunship (U)	1976
19770087847	Laboratory and environmental CW warning receiver test report (U)	1976
19770087851	Advanced interceptor missile study (U)	1976
19770087852	F-15 conformal tank fuel enhancement operational evaluation (U)	1976
19770087854	Task group on improved intelligence support to consumers. Volume 5: Report of the sub-group on provision of computer terminals to key consumers (U)	1976
19770087855	Preliminary analysis of the survivability of aircraft delivering the Maverick, Rockeye 2, and GAU-8 (U)	1976
19770087860	Vulnerability assessment for cabin pressure control system. Volume 1: Vulnerability assessment summary (U)	1976
19770087861	Vulnerability assessment for cabin pressure control system. Volume 3: Analysis data (U)	1976
19770087862	Vulnerability assessment for dc power system. Volume 1: Vulnerability assessment summary (U)	1976
19770087863	Vulnerability assessment for dc power system. Volume 3: Analysis data (U)	1976
19770087866	Vulnerability assessment for horizontal situation indicator attitude director indicator radio/INS switch. Volume 1: Vulnerability assessment summary (U)	1976
19770087867	Vulnerability assessment for engine fuel feed system. Volume 1. Vulnerability assessment summary (U)	1976
19770087871	Reference imagery for correlation guidance. Synthesis technology (U)	1976
19770087872	Cross-eye application study (U)	1976
19770087874	Test and evaluation of compressive receiver/digital processor (U)	1976
19770087876	Titan 2 flight analysis report. Mission ITF-1, vehicle B-17 (S/N61-2771) (U)	1976
19770087879	Fair data implications on passive optical discrimination (U)	1976
19770087880	Future Navy aircraft characteristics (U)	1976
19770087881	High range resolution/low PRF (U)	1976
19770087882	Vulnerability assessment for VHF-FM radio-telephone system. Volume 1: Vulnerability assessment summary (U)	1976
19770087883	Vulnerability assessment for VHF-FM radio-telephone systems. Volume 3: Analysis data (U)	1976
19770087884	Vulnerability assessment for VHF-FM radio-telephone system. Volume 4: General test report (U)	1976
19770087885	Vulnerability assessment for flight compartment windshield anti-ice system. Volume 1: Vulnerability assessment summary (U)	1976
19770087886	Vulnerability assessment for flight compartment windshield anti-ice system. Volume 3: Analysis data (U)	1976
19770087887	Vulnerability assessment for inertial navigation system. Volume 1: Vulnerability assessment summary (U)	1976
19770087888	Vulnerability assessment for inertial navigation system. Volume 3: Analysis data (U)	1976
19770087891	Analysis of simulated deployment of the 1st Cavalry Division to Europe. Addendum (U)	1976
19770087893	Vulnerability assessment for the auxiliary power unit. Volume 3: Analysis data (U)	1976
19770087894	Vulnerability assessment for engine nacelle anti-ice system. Volume 1: Vulnerability assessment summary (U)	1976
19770087895	Vulnerability assessment for engine nacelle anti-ice system. Volume 3: Analysis data (U)	1976
19770087896	Vulnerability assessment for oil quantity indicator. Volume 1: Vulnerability assessment summary (U)	1976
19770087897	Vulnerability assessment for oil quantity indicator. Volume 3: Analysis data (U)	1976
19770087898	Vulnerability assessment for auto flight yaw damper system. Volume 1: Vulnerability assessment summary (U)	1976
19770087899	Vulnerability assessment for auto flight yaw damper system. Volume 3: Analysis data (U)	1976
19770087900	Vulnerability assessment for satellite communications terminal group AN/ARA-64. Volume 1: Vulnerability assessment summary (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087901	Vulnerability assessment for satellite communications terminal group AN/ARA-64. Volume 2: Analysis data (U)	1976
19770087902	Space applications study advanced technology program plan, volume 2 (U)	1976
19770087903	Tactical command, control and communications program (U)	1976
19770087906	Analysis of the simulated deployment of the 6th Calvary Brigade (Air Combat) to Europe (U)	1976
19770087908	Infrared intensities of an intermediate range SLBM (U)	1976
19770087909	Laser signature handbook. Volume 2: Range-Doppler cross-section predictions (U)	1976
19770087910	An assessment of the materials/structures technology programs for submarine pressure hulls (U)	1976
19770087911	Operational evaluation of the S-3A weapons systems (U)	1976
19770087912	Optical Discrimination Evaluation (ODE) (U)	1976
19770087914	Airborne missile warning radar development (U)	1976
19770087917	BMD radar requirements study (U)	1976
19770087925	Summary report on improved HAWK/ARM vulnerability and countermeasures evaluation test program (U)	1976
19770087936	Space applications study. Executive summary (U)	1976
19770087940	Hot-spot tracking: Advanced signature effects (U)	1976
19770087943	Detection and interception of low-probability-of-intercept (LPI) radar signals (U)	1976
19770087945	System concept brassboard spread spectrum intercept receiver (U)	1976
19770087946	Advanced Attack Helicopter Cost and Operational Effectiveness Analysis (AAH COEA). Volume 2: Main report, appendix G: SA-7, SA-8 and SA-9 missile system capability (U)	1976
19770087948	Air superiority test and evaluation of F/TF-15A (U)	1976
19770087951	Hardened detectors/circuits study. Volume 1: Hardened infrared line-scanner-focal-plane technology (U)	1976
19770087952	Hardened detectors/circuits study. Volume 2: Mosaic-focal-plane development (U)	1976
19770087953	Hardened detectors/circuits study. Volume 3: Environmental -test program (U)	1976
19770087966	Signatures of strategic aircraft (U)	1976
19770087967	High acceleration cockpit simulator evaluation. Part 1: Basis for air combat evaluation (U)	1976
19770087970	PATRIOT software support to the Missile Computer Software and Hardware Center	1976
19770087980	Customer service test of rigging of XM174 for airdrop on individual parachutist	1976
19770087981	Flow properties in the near wake of hypersonic vehicles at low altitudes	1976
19770087982	Parametric trajectory program	1976
19770087983	Aerodynamic characteristics of the MK-82 and MK-84 configurations with air-inflatable retarder stored at transonic speeds	1976
19770087984	Separation characteristics of 0.05-scale SUU-54 dispenser store configurations from the F-4e aircraft at Mach numbers from 0.9 to 1.3	1976
19770087985	Three-component measurements on flexible parachute models	1976
19770087986	Aerodynamic characteristics of a 1/24-scale model of the F-111 with the W52 supercritical wing	1976
19770087987	Evaluation of a Ground Proximity Warning System (GPWS) for fixed aircraft	1976
19770087988	Analysis of acoustic navigation system concepts as compared to precision navigation system technology	1976
19770087989	Glide-slope indicator evaluation	1976
19770087990	Multipoint aerial refueling system development, volume 1	1976
19770087991	Multipoint Aerial Refueling System (MARS) preprototype development phase	1976
19770087993	F-15 Air Force development test and evaluation of the armament/weapons delivery subsystem	1976
19770087994	YAV-8B reliability and maintainability allocations	1976
19770087995	YAV-8B weight and balance	1976
19770087996	Actual weight and balance report for AV-8A(SP) NAVAIR serial no. 159559	1976
19770087997	YAV-8B. Procedures identification	1976
19770087998	YAV-8B. Design data sheets	1976
19770087999	YAV-8B. Advanced Harrier composite structure test plan	1976
19770088000	YAV-8B. Hydraulic ram effects and associated structural considerations on composites in the YAV-8B wing	1976
19770088001	YAV-8B Design layouts	1976
19770088002	Force Development Test and Evaluation (FDTE) for low altitude parachute extraction system LAPES delivery, airdrop, and air transportability of the case model 1150 tractor dozer	1976
19770088003	Operational test 2 report for a family of helicopter external cargo carrying devices (nets), 5000 and 10,000-pound capacity	1976
19770088004	Support test: Functional firing of multi-weapon fire control system/constant recoil system	1976
19770088005	Helicopter maneuvering	1976
19770088006	ASQ-81 towed mad support (evaluation of the MX-9516/ASQ-81 cable maintenance fixture and GSU/264E reeling machine holding dolly)	1976
19770088007	Quarterly compilation of abstracts on completed test, experimental and development (TED) projects	1976
19770088008	SH-3H/AE-26 class dynamic interface evaluation	1976
19770088009	A-10A DT and E reliability and maintainability evaluation	1976
19770088010	Effect of maintenance actions on the reliability performance of four line replaceable units in the A-7 aircraft	1976
19770088011	Selected systems application of the predictor instrument and proposed research	1976
19770088012	Advanced environmental control system program users manual, supplement	1976
19770088013	Development test and evaluation of the E3A hydraulic and pneumatic subsystems	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088014	Navy technical evaluation of A-4M ECP-1120 (AFC-538) airplane (flying qualities, engine operation, and finboom pitot-static system test phases)	1976
19770088015	In-flight and simulator comparison of a CRT-display with conventional instruments	1976
19770088016	Use of a predictor display in landing a simulated remotely piloted vehicle	1976
19770088017	Turbine fuel tolerance study, phase II	1976
19770088020	Stability improvements and pitot-static modification of firebee MQM-34D (TAFPE)	1976
19770088021	Flight fidelity evaluation of the A-7H operational flight trainer, device 2F126	1976
19770088024	TOW Against Helicopter Operational Experiment (TAHOE). Experiment FC 042. Supplement 2: Compilation of data	1976
19770088025	TOW Against Helicopter Operational Experiment (TAHOE). Experiment FC 042. Supplement 1: Individual trial data	1976
19770088026	Reentry vehicle temperature (RVTEMP) computer program. Volume 1: Theory	1976
19770088027	Reentry vehicle temperature (RVTEMP) computer program. Volume 2: User's manual	1976
19770088028	Experimental results of a static force test of the AFFDL air slew demonstrator missile configuration at low angles of attack and Mach numbers from 2 to 5	1976
19770088029	Hazard/quantity-distance test of mixed trailer loading and storage of AIM 7 and AIM 9 missiles	1976
19770088031	AF AIM-9/BQM IR evaluation (variable speed training target)	1976
19770088032	Guidance and control simulation and ground test verification program, reference scenario data, revision A (U)	1976
19770088033	SAC Glory Trip 39 GM, SAMTEC operation 5990. LGM-30G operational test phase 1 program (U)	1976
19770088034	SAC glory Trip 129M, SAMTEC operation 8446. LGM-30F operational test phase 2 program launch number 29 (U)	1976
19770088036	Final technical report for high-G multisensor (U)	1976
19770088040	Fatigue tests of root end samples of a composite material blade for tilt rotor application	1976
19770088041	Exploratory development and investigation of carbon-carbon composite materials having improved hypersonic particle erosion resistance (CHIP), carbon hypersonic impact program. Volume 4: Material performance and development plan (U)	1976
19770088044	Gas chromatographic methods for the analysis of trace quantities of GB and associated compounds (demilitarization effluent, brine, dried salts, munition exudates)	1976
19770088045	Modeling formative phase of liquid propellant spark ignition systems: Theoretical predictions of thermal and electrical behavior	1976
19770088046	Electrolytic decomposition of solid solutions based on zirconium dioxide	1976
19770088047	The SrO-ZrO ₂ compound system	1976
19770088048	Fabrication techniques for electroslag remelted (ESR) steel armor	1976
19770088049	Property characterization of light silicate ceramic armors	1976
19770088050	Conductivity of ceramics based on cubic solid solutions in the systems ZrO ₂ -CaO and ZrO ₂ -Y ₂ O ₃	1976
19770088051	Thermoanalytical evaluation of aircraft sealants (U)	1976
19770088054	The influence of triphenyl bismuthine on composite propellants (U)	1976
19770088091	Fire-safe fuel development	1976
19770088092	Modernization of closed bomb testing for acceptance of single base propellant	1976
19770088093	Evaluation of violet smoke initiation under dynamic conditions in the jet airmix blender	1976
19770088095	Pyrotechnic compositions	1976
19770088096	Tendency for combustion to change to detonation in explosives	1976
19770088097	Explosives	1976
19770088098	Simulated rough water operations during long cruises in a 2000-ton surface effect ship, phase 1. Volume 4: Crew cognitive functions, physiological stress, and sleep	1976
19770088099	Target and background signature test program, revision A	1976
19770088100	Associative buffer concentrator. Volume 1: Program description, results and conclusions	1976
19770088101	Associative buffer concentrator. Volume 2: Appendices	1976
19770088102	Effects of propagation disturbances on a specific satellite communication link. Volume 1: Analysis of hardware response	1976
19770088103	Effects of propagation disturbances on a specific satellite communications link. Volume 2: Models of propagation disturbances	1976
19770088104	Ionospheric wavefront coherence influence on array sidelobe control	1976
19770088105	Systems generated electromagnetic pulse subsystem susceptibility study	1976
19770088106	Combat Theater Communications Program (CTCP): Technical Phase-In Plan (TPIP)	1976
19770088107	Functional acceptance test procedures for Univac 418-2 store and forward telecommunications system test plan	1976
19770088108	Operational test 2A of the Vinson/Bancroft	1976
19770088109	EMI/EMP resistant data bus	1976
19770088110	Development test 2 (service phase) of radio teletypewriter set AN/GRC-122(V)2	1976
19770088112	Initial production test of radio set AN/PRC-77	1976
19770088114	FLIR high frequency stabilization study program	1976
19770088115	Charge-coupled devices for communication	1976
19770088116	Transportable electromagnetic pulse simulator (TEMPS) field mapping report	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088117	The measurement of low contrast values in television systems	1976
19770088118	High Altitude Supersonic Target (HAST) radar augmentation system modifications	1976
19770088119	Target acquisition model development	1976
19770088123	ALR-46/F-4E OT and E (phase 1) (U)	1976
19770088127	Project TOPSEA. Volume 2: Special supplement (U)	1976
19770088141	Advanced electron device technology	1976
19770088143	Manufacturing methods and technology for large area silicon avalanche detectors	1976
19770088144	Production engineering measure for high reliability integratable PIN diodes	1976
19770088149	Update and review of NAVELEX technical publications for the AIMS Mark 12 IFF system	1976
19770088151	Low cost pulsed traveling wave tube	1976
19770088164	Semiconductor device, LED	1976
19770088166	Transistor-N-channel, field effect	1976
19770088167	Transistor-field effect	1976
19770088168	Semiconductor device, LED	1976
19770088169	HELP: A multimaterial Eulerian program in two space dimensions and time, book 1	1976
19770088170	HELP: A multimaterial Eulerian program in two space dimensions and time, book 2	1976
19770088171	Prediction of the quality of aerial photographs	1976
19770088172	Indicator, elapsed time	1976
19770088173	High energy chemical laser concept study. Volume 1: Designs, installations, parametric data, conclusions and recommendations	1976
19770088174	High energy chemical laser concept study. Volume 2: Life cycle cost estimates	1976
19770088175	Heterodyne detection with TEA-Co2 hybrid lasers	1976
19770088176	Three to five micron VET laser investigation	1976
19770088177	A small scale closed cycle circulator experimental plan for repetitively pulsed 200 K high pressure electric discharge lasers	1976
19770088178	Technical support of the laser programs at darpa, volume 1	1976
19770088179	Laser radar sea surface backscatter prediction	1976
19770088181	Multi-layer fastener systems. Volume 2: Illustrations	1976
19770088182	Multi-layer fastener systems. Volume 3: Appendices	1976
19770088183	Multi-layer fastener systems. Volume 1: Discussion	1976
19770088184	Multi-layer fastener systems. Volume 4: Handbook	1976
19770088185	New ceramic tools produced by the most modern methods	1976
19770088195	Predictor displays: A human engineering technology in search of a manual control problem	1976
19770088199	ASPLEX data summary: NRI (coustic sound pressure level experiment)	1976
19770088200	Processing signal fluctuations for optimum array performance	1976
19770088201	High quality gallium arsenide production	1976
19770088202	Research on characterization of solid surfaces and surface interaction phenomena	1976
19770088203	Postdoctoral and senior postdoctoral resident research associateship program	1976
19770088204	Effect of chromatic aberration of the objective lens on qualitative characteristics of images in electrophotographic reproduction from microfilm	1976
19770088212	Advanced airfoil design: Empirically based: Transonic aircraft drag buildup technique (U)	1976
19770088213	Support free measurements of aerodynamic characteristics of a spinning 2-1/8 inch diameter ring airfoil using the magnetic balance	1976
19770088214	AV-8A 15 percent scale powered tests in ground proximity in mini-speed wind tunnel	1976
19770088216	Some aspects of fire, smoke and fume hazards in aircraft	1976
19770088217	Guidelines for the development of high-intensity anti-collision strobe light systems, volume 1	1976
19770088218	Guidelines for the development of high-intensity anti-collision strobe light systems. Volume 2: Analysis of factors concerning strobe light system optimization and design	1976
19770088219	Guidelines for the development of high-intensity anti-collision strobe light systems. Volume 3: Development of an EMI strobe light breadboard model at NAFI	1976
19770088220	Guidelines for the development of high-intensity anti-collision strobe light systems. Volume 4: EMI test results of two commercial strobe lights tested against MIL-STD-461/462A	1976
19770088221	US-3A airplane bailout feasibility evaluation	1976
19770088222	HBU-2D/A lap belt	1976
19770088225	Mini-RPV emitter location technology	1976
19770088226	Preliminary study of satellite navigation set MX-1102	1976
19770088227	Systems application of millimeter wave contrast seekers (SAMICS). Volume 4: G and C concept definition study	1976
19770088228	Flight test demonstration of the simplified high accuracy guidance SHAG air to air missile concept. Part 2: Annexes	1976
19770088232	Navigation error analysis and sensitivity effects on AAW task force coordination (U)	1976
19770088233	Operational test of ground radar aerial delivery system/AN/TPB-1 (U)	1976
19770088237	RAE helicopter reports	1976
19770088242	Vulnerability assessment for cabin pressure control system. Volume 2: System description	1976
19770088243	Vulnerability assessment for DC power system. Volume 2: System description	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088244	Vulnerability assessment for Horizontal Stabilizer Trim Control. Volume 2: System description	1976
19770088245	E-3A Performance Air Force development test and evaluation	1976
19770088249	Composite, low-cost secondary airframe structures, volume 1	1976
19770088251	Operational test and evaluation HCU9/A cargo winch on C-130 aircraft	1976
19770088254	Operational use of Air Force H-53 helicopters Volume 1: Program description	1976
19770088255	Operational use of Air Force H-53 helicopters. Volume 2: Training mission	1976
19770088256	Operational use of Air Force H-3 helicopters. Volume 1: Program description	1976
19770088257	Operational use of Air Force H-3 helicopters. Volume 2: Training mission	1976
19770088258	Operational use of Air Force H-3 helicopters. Volume 3: Cargo mission	1976
19770088259	Operational use of Air Force H-3 helicopters. Volume 4: Composite training and cargo mission data	1976
19770088260	Operational use of Air Force H-1 helicopters. Volume 1: Program description	1976
19770088261	Operational use of Air Force H-1 helicopters. Volume 2: Utility mission	1976
19770088262	Operational use of Air Force H-1 helicopters. Volume 3: Training mission	1976
19770088263	Operational use of Air Force H-1 helicopters. Volume 4: Rescue-training mission	1976
19770088264	Operational use of Air Force H-1 helicopters. Volume 5: Composite utility and training mission data	1976
19770088265	Vulnerability assessment for water and toilet drain heater system. Volume 2: System description	1976
19770088266	Vulnerability assessment for central air data system. Volume 1: System description	1976
19770088267	Vulnerability assessment for interior lighting system. Volume 2: System description	1976
19770088268	Vulnerability assessment for engine and APU fire extinguishing system. Volume 2: System description	1976
19770088269	Vulnerability assessment for fire detection system. Volume 2: System description	1976
19770088270	Vulnerability assessment for water and toilet drain heater system. Volume 1: Vulnerability assessment summary	1976
19770088271	Vulnerability assessment for aural warning system. Volume 2: System description	1976
19770088272	Vulnerability assessment for auto flight yaw damper system. Volume 2: System description	1976
19770088273	Vulnerability assessment for autopilot/flight director system. Volume 2: System description	1976
19770088274	Vulnerability assessment for auxiliary power unit. Volume 2: System description	1976
19770088275	Mod Mig gyro test	1976
19770088276	Vulnerability assessment for magnetic heading reference system. Volume 2: System description	1976
19770088277	Vulnerability assessment for inertial navigation system. Volume 2: System description	1976
19770088278	Vulnerability assessment for the elevator feel computer system. Volume 2: System description	1976
19770088279	Vulnerability assessment for landing gear position indicating and warning system. Volume 2: System description	1976
19770088280	Actual weight and balance report for TAV-8A (SP) NAVAIR serial no. 159563	1976
19770088281	TAV-8A hydraulic power systems configuration analysis, revision A	1976
19770088282	Flight test development and evaluation of a multimode digital flight control system implemented in an A-7D DIGITAC, vDlume 1	1976
19770088283	Flight test development and evaluation of a multimode digital flight control system implemented in an A-7D DIGITAC. Volume 2, appendix H: Additional flight test data	1976
19770088284	Operational evaluation of T58-5E powered H-3 helicopter	1976
19770088285	Evaluation of the A-7 airplane titanium nose strut (AYC-412), redesigned uplock (AFC-305), redesigned launch bar, and modified trail bar	1976
19770088286	RH-53D design growth monitor	1976
19770088287	Quarterly compilation of abstracts on completed Test, Experimental, and Development (TED) projects	1976
19770088288	Initial operational test and evaluation of the CH-53E	1976
19770088289	E-3A, airborne warning and control system, Follow-on Operational Test and Evaluation (FOT and E)	1976
19770088290	Wing/inlet composite advanced development	1976
19770088291	Composite wing design for advanced Harrier	1976
19770088292	Operational test and evaluation C-5 air transportable dock, part one	1976
19770088293	V/STOL trainer aircraft feasibility analysis	1976
19770088294	Y/AV-8B reliability and maintainability predictions	1976
19770088295	Y/AV-8B corrosion prevention and control plan	1976
19770088296	HC-130 equipment delivery improvement	1976
19770088297	Advanced metallic air vehicle structure program	1976
19770088298	Vulnerability assessment for flight interphone system. Volume 2: System description	1976
19770088299	Development test 2 of family of helicopter external slims, 10000- (4 535 KG)	1976
19770088301	Advanced Attack Helicopter Cost and Operational Effectiveness Analysis (AAH COEA). Volume 1: Executive summary (U)	1976
19770088302	Advanced Attack Helicopter Cost and Operational Effectiveness Analysis (AAH COEA). Volume 2: Main report (U)	1976
19770088303	Model F-14A airplane Navy evaluation of modified automatic rudder interconnect, maneuver slats, and integrated trim system (U)	1976
19770088304	Aircraft vulnerability assessment methodology. Volume 2: Fuel system (U)	1976
19770088305	F-15 Air force development test and evaluation of the armament/weapons delivery subsystem. Classified supplement (U)	1976
19770088307	OT and E of the F-111F operational flight program, issue F-11 (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088308	Analysis of vulnerability reduction modification for Army aircraft (U)	1976
19770088309	Evaluation of chaff dispensers on the UH-1 and OV-1 aircraft (U)	1976
19770088312	Vulnerability of helicopters to fragmenting munitions (U)	1976
19770088313	Phase 2. Interference tests of a micro fighter 5B model adjacent to a Boeing 747 model (U)	1976
19770088314	E-3A electrical and flight essential avionics systems evaluation	1976
19770088315	Vulnerability assessment for low range radio altimeter. Volume 2: System description	1976
19770088316	Navy technical evaluation of the A-7E forward looking infrared (FLIR) system (U)	1976
19770088319	Propulsion review. Part 4: Airbreathing propulsion research and development (U)	1976
19770088320	Redesign blade assembly for A7 RAT(P/N 953812-5-1) for improved turbine low airspeed performance for JA7C	1976
19770088321	Brittle materials design, high temperature gas turbine	1976
19770088322	Inlet performance characteristics of a generalized 1/5.2-scale aircraft model at transonic and supersonic Mach numbers	1976
19770088323	Combustor component development. Volume 1, Task 1: Gas generator system studies. Task 2. Gas generator component development (U)	1976
19770088324	Navy V/STOL shingle combustor (U)	1976
19770088325	ATEGG GE14 demonstrator engine (U)	1976
19770088326	ATEGG GE14 demonstrator engine, appendix (U)	1976
19770088327	Inlet and ramburner freejet and transition tests. Part 8: Heavy duty variable geometry nozzle full scale test and evaluation (U)	1976
19770088331	E-3A stability and control and in-flight egress Air Force development test and evaluation	1976
19770088333	Lateral-directional stability and control characteristics of the MF-5A microfighter with different empennage configurations at Mach numbers from 0.5 to 2.0 (U)	1976
19770088336	Aircraft shelter door study - Second generation aircraft shelter	1976
19770088337	User evaluation of 2B12B rotary wing instrument trainer	1976
19770088338	Compilation of data covering aircraft servicing facilities aboard aircraft carriers	1976
19770088340	Nosetip ablation and thermostructural testing in the AFRPL benzonitrile/oxygen rocket motor facility	1976
19770088341	Development of a graphite-Kevlar hybrid motor case for interceptor applications	1976
19770088342	Carborane propellant hazard assessment	1976
19770088345	The use of analytical and experimental techniques in stabilizing the reduced smoke Maverick	1976
19770088347	Secondary smoke prediction model	1976
19770088348	Effect of solids particle size distributions on propellant temperature sensitivity	1976
19770088349	Flight test observations of minimum smoke propellant rocket motors (Stinger Alternate)	1976
19770088350	Propulsion system effects on free rocket accuracy	1976
19770088351	Propulsion considerations for the General Support Rocket System (GSRS)	1976
19770088354	Improved low-cost safe and arm system for the PHOENIX rocket motor	1976
19770088356	NDT techniques for composite rocket motor components	1976
19770088360	Expendable gasifier	1976
19770088361	Parametric cost estimating relationships for integral rocket ramjet engine production	1976
19770088362	Status of the modified dump combustor-A variable strength flame holder	1976
19770088363	Development of a fiber glass reinforced silicone ablative liner	1976
19770088364	Combustion studies of RJ-5	1976
19770088365	Low-temperature properties of RJ-5 and RJ-5 blends	1976
19770088366	Simulation of gun barrel heating and associated ammunition thermal response	1976
19770088367	A mechanism by which wear-reducing additives attenuate bore surface heat transfer	1976
19770088368	Design studies of high loading density consolidated charges for automatic weapons	1976
19770088369	Safety and hazard evaluation of cased/consolidated telescoped ammunition	1976
19770088370	Barrel erosion produced by reactive gases	1976
19770088371	Reaction control system for the interim upper stage	1976
19770088372	High density propellants for single stage to orbit vehicles	1976
19770088373	Recent progress in L02/LH2 upper stage engine technology	1976
19770088375	Reentry vehicle ground-test facility preheater development	1976
19770088376	Minuteman Cylindrical In-Situ Test (CIST) events data	1976
19770088377	Solar power satellite: Analysis of alternatives for transporting material to geosynchronous orbit	1976
19770088380	The hand-over problem in an air-defense missile with active seeker	1976
19770088382	PATRIOT. Volume 1: Engineering development summary report	1976
19770088383	PATRIOT. Volume 1. Engineering development summary report	1976
19770088384	Integrated Missile Electronics Set (IMES)	1976
19770088385	Acoustic effects on mallaunch of free flight rockets	1976
19770088386	Lincoln experimental satellite (8/9) simulation	1976
19770088391	Air-to-air effectiveness study (AIRVAL) Sidewinder AIM-9G/H missile simulation model description. Part 2: Classified material (U)	1976
19770088393	STINGER counter-air demonstration (U)	1976
19770088395	An investigation of the AN/DSW-15 cruise missile guidance set at sea alignments (U)	1976
19770088396	Survey and evaluation of studies related to I-HAWK ground survivability (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088397	Ground/air launch tests of MK-84 macro chaff rocket heads (U)	1976
19770088399	AGM-65(A/B) Maverick night capability and centerline stores compatability (U)	1976
19770088400	Analysis and results of PATRIOT inter-fire section triangulation IFST (U)	1976
19770088401	Sparrow performance improvement studies - Aerodynamics (U)	1976
19770088410	DoD Space Transportation System Payload Interface Support Study. Appendix B: Thermal analysis	1976
19770088411	DoD Space Transportation System Payload Interface Support Study. Appendix C: Contamination study	1976
19770088412	DoD Space Transportation System Payload Interface Support Study. Appendix D: Avionics	1976
19770088413	DoD Space Transportation System Payload Interface Support Study. Appendix E: Interface verification requirements	1976
19770088414	DoD Space Transportation System Payload Interface Support Study. Appendix F: Transition plan	1976
19770088415	DoD Space Transportation System Payload Interface Support Study. Appendix G: Test and evaluation	1976
19770088416	DoD Space Transportation System Payload Interface Support Study. Appendix H: EMC analysis	1976
19770088417	DoD Space Transportation System Payload Interface Support Study. Appendix I: Integration equipment requirements	1976
19770088418	DoD Space Transportation System Payload Interface Support Study, book 1	1976
19770088419	DoD Space Transportation System Payload Interface Support Study, book 2	1976
19770088420	ATAFECs autonomous demonstration, FLIR system, MT7/ALS missile, 17 May 1976 (U)	1976
19770088424	Hawk disrupters multiband camouflage evaluation (U)	1976
19770088425	Preliminary shelf life test program for the TOW missile second year sample (U)	1976
19770088426	SHILLELAGH warhead surveillance tests FY 1976 (U)	1976
19770088427	Design and development of a heat warhead for the 155mm xm712 Cannon Launched Guided Projectile (CLGP) (U)	1976
19770088429	Standardized stability prediction method for solid rocket motors, volume 1	1976
19770088430	Standardized stability prediction method for solid rocket motors. Volume 2: Multidimensional computer program user's manual	1976
19770088431	Development testing at simulated pressure altitude of an Extendible Nozzle Exit Cone (ENEC) for the MX upper-stage motor development program (motor S/N SD-001)	1976
19770088435	Impact properties of carbon fibre/Kevlar fiber reinforced plastic hybrid composites	1976
19770088436	Manufacturing methods for metal-matrix structural components	1976
19770088439	Comparison of pitches and phenolic resin as matrix precursors for carbon-carbon composite	1976
19770088440	The phenomenon of hysteresis in the conditioning of corrugated board	1976
19770088441	Stability of plates made of composite materials	1976
19770088443	Graphite fibers from pitch	1976
19770088444	Pre-combustion chamber torch ignition: A method of stratified charging (Soviet Research in the field)	1976
19770088445	Shipboard safety: A meaningful flash-point requirement for Navy fuels	1976
19770088446	Small-scale cookoff tests of the Mk 27 Mod 4, Mk 36, Mk 38, Mk 39, Mk 53, Mod 1, and Mk 78 Mod 0 rocket motor liners	1976
19770088449	Corrosion and reliability characteristics of water-flooded helical-screw compressors	1976
19770088451	Development of methods for the thermomechanical treatment of metallic materials with substructural hardening	1976
19770088452	Structural integrity related properties of 2-in. (5.1 cm) thick Ti-100 as influenced by plate processing variables	1976
19770088454	Analysis of the creep strain-time behavior of type 304 stainless steel	1976
19770088458	Review of the behavior of alloy 800 for use in LMFBR steam generators	1976
19770088459	Polymer adhesives used in hybrid microcircuits	1976
19770088460	Exploratory development of heat and abrasion resistant coatings for transparent plastics	1976
19770088461	Certain characteristics of zirconium ceramics stabilized by calcium oxide	1976
19770088462	Strength characteristics of granular zirconium dioxide refractories at temperatures up to 2500 K	1976
19770088463	Synthesis of perfluoroalkether monomers and model compounds for low glass transition polymers	1976
19770088464	Synthesis of thermally stable polymers, part 2	1976
19770088465	Investigation of silicon films as a temporary protective measure against 10.6 micrometers radiation (U)	1976
19770088466	The quantitative determination of resorcinol in a composite-modified double-base propellant using high performance liquid chromatography	1976
19770088467	AF AIM-9/BQM ir evaluation (pyrotechnic optical plume simulator)	1976
19770088468	AF AIM-9/BQM ir evaluation (solid fuel ramjet)	1976
19770088469	Improvement of the resistance to severe environments of pyrotechnic devices ignited by percussion	1976
19770088470	Synthesis and evaluation of liquid sorbitol nitrates in propellant formulations (U)	1976
19770088471	PCDE propellant (U)	1976
19770088472	Carborane propellant study (U)	1976
19770088473	Cosmodyne model GB-2 low pressure liquid oxygen/nitrogen plant, oxygen column protection devices	1976
19770088474	The selection of the best overall solution for combining radar data with the angular data from a single kinetheodolite	1976
19770088477	High probability intercept receiver (U)	1976
19770088478	The measurement of attenuation by rain at 8.6 mm wavelength	1976
19770088479	Antenna pattern analysis for target vehicles	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088480	Automatic aimpoints selection and maintenance (Au ASAM) study. Volume 3: Supplemental experiments	1976
19770088482	Statistical properties of rainfall and the radio wave attenuation due to rain	1976
19770088483	Space communications	1976
19770088484	Analysis of UHF MILSATCOM architecture alternatives. Volume 1: General system considerations	1976
19770088485	Packet radio communications	1976
19770088486	Simulation of a synthetic aperture radar optical correlator using a graphic terminal	1976
19770088487	Rank-quantization detector of fluctuating signals in noise with an unknown distribution	1976
19770088488	Test plan, COBRA DANE. Combined Development Test and evaluation/initial operational test and evaluation (CDT and E/IOT and E)	1976
19770088490	Application of the non-bias principle in problems of signal detection with a priori uncertainty	1976
19770088491	A-7E X-band antenna inflight antenna patterns and gain measurements	1976
19770088492	Required Operational Capability (ROC) for antenna towers and lightweight deployable masts	1976
19770088493	Test report for AEL model number AST-1547A antenna, circularly polarized, unidirectional broadband. Section 2: Measured data, serial number 005	1976
19770088494	Test report for AEL model number AST-1547A antenna, circularly polarized, unidirectional broadband. Section 2: Measured data	1976
19770088495	Test report for AEL model number AST-154A antenna, circularly polarized, unidirectional broadband. Section 2: Measured data, serial number 001	1976
19770088496	Test report for AEL model number AST-1547A antenna, circularly polarized, unidirectional broadband. Section 2: Measured data	1976
19770088497	Test report for AEL model number AST-1547A antenna, circularly polarized, unidirectional broadband, section 1	1976
19770088499	Associative processor application study. Volume 1: Summary	1976
19770088500	Associative processor application study. Volume 2: GAC STARAN 1000 implementation of AWACS passive tracking	1976
19770088501	Associative processor application study. Volume 3: GAC STARAN 1000 implementation of AWACS coordinate conversion	1976
19770088502	Associative processor application study. Volume 4: Implementation of the AWACS radar data correlator on an associative processor	1976
19770088503	AABNCP component test report. Volume 1: GFE assessment program	1976
19770088504	AABNCP component test report. Volume 2, part 1: Test data	1976
19770088505	AABNCP component test report. Volume 2, part 2: Test data	1976
19770088508	A pulse width spectrum analyzer with scope and video display capability (U)	1976
19770088510	Radar cross section measurements of a scale model of the SSN-7 cruise missile (U)	1976
19770088514	Submarine-Aircraft Optical Communications System (SAOCS) feasibility report. Volume 4: Feasibility testing (U)	1976
19770088515	Receiver desensitization of the AN/WSC-3 satellite communications set (U)	1976
19770088517	Test and evaluation of airborne METRRA/SAR system (U)	1976
19770088518	Interception of biphase coded radar signals (U)	1976
19770088519	Technical test plan for the MEECN UHF/FDM ground entry point coverage envelope tests of the NEACP and USCINCEUR facilities (U)	1976
19770088523	Operational test 2 of radio data link, sound ranging, AN/GRA-114 (U)	1976
19770088524	Engineering design handbook. Vulnerability of communication-electronic and electro-optical systems (except guided missiles) to electronic warfare series. Part 2: Electronic warfare vulnerability of tactical communications (U)	1976
19770088525	Analysis of coherent sidelobe canceler configurations (U)	1976
19770088528	General purpose multichannel wideband recording system	1976
19770088531	M46 gyroschwitch pressure monitoring switch feasibility study	1976
19770088532	Electrical explosion of conductors	1976
19770088533	Effects of radiation on charge-coupled devices	1976
19770088534	Quartz crystal oscillator performance characteristics in a simulated tactical environment	1976
19770088535	Philco Ford signal line protector test	1976
19770088536	A comparison of adaptive tracking filters for targets of variable maneuverability	1976
19770088539	SOS computer-aided design for high density, low power Army application	1976
19770088541	Manufacturing methods and technology measure for large area silicon avalanche detectors, section 1	1976
19770088542	Manufacturing methods and technology measure for large area silicon avalanche detectors, section 2	1976
19770088552	Transient temperature rise in film resistors	1976
19770088556	Pulse power damage characteristics of electrical resistors. Volume 2, appendix A: Resistor electrical specifications	1976
19770088557	Test plan: Electromagnetic pulse vulnerability of resistors	1976
19770088563	Millimeter-wave indium phosphide gunn device	1976
19770088569	Vidicon modification study	1976
19770088574	Advanced mixer technology	1976
19770088575	Manufacturing methods and technology measure for large area silicon avalanche detectors, section 3	1976
19770088579	The 25 mm 0.9 micron wafer tube development	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088580	Electron bombarded semiconductor amplifier (U)	1976
19770088581	Breadboard sensor demonstration for the BLU-81/B standoff target activated munition (U)	1976
19770088582	Mini TWT expendable jammer (U)	1976
19770088583	Power supply for high voltage neutral beam injectors	1976
19770088584	Heater protective devices, resistance grounding study	1976
19770088585	Metallic ablator concept evaluation. Volume 2: One-dimensional transient, passive transpiration cooling analysis (pcool-ID) including a generalized treatment of chemical reactions	1976
19770088586	Metallic ablator concept evaluation. Volume 1: Experimental phase	1976
19770088587	Free convection heat transfer across gas filled enclosed spaces between a hot liquid surface and a cooled roof	1976
19770088589	Photographic video disc technology assessment	1976
19770088590	Broadband photorecorder, phase 2	1976
19770088593	Test and evaluation RECON 3 radiometer (U)	1976
19770088594	Manufacturing methods and technology program for universal detector/Dewar modules (U)	1976
19770088595	Hydrogen meter prooftesting	1976
19770088596	Effects of fast-neutron irradiation on sheathed chromel/alumel thermocouples	1976
19770088600	The pulsed CO ₂ -Laser with a Non-self-sustained Discharge (LND). The influence of operating conditions on the radiant energy density and pulse duration	1976
19770088601	Design of a testing facility for optical components used in high energy laser applications	1976
19770088602	Supersonic CO laser code operations manual	1976
19770088603	Proceedings of Army Symposium on High Energy Lasers: Current Problems in High Energy Transfer Lasers	1976
19770088604	Laser signature analyses	1976
19770088605	Carbon monoxide laser development	1976
19770088606	Laser systems sensitivity to advanced reactants. Volume 1: Technical program	1976
19770088607	Laser systems sensitivity to advanced reactants. Volume 2: Solid gas generator model user's guide	1976
19770088609	Air-to-ground laser rangefinder/designator considerations (U)	1976
19770088614	KA-98 laser line scan camera RPV demonstration tests. Volume 2, appendix D (U)	1976
19770088615	Laser-Aided FLIR Systems (LAFS) (U)	1976
19770088616	Electronic warfare vulnerability of the Laser Obstacle Terrain Avoidance Warning System (LOTAWS) (U)	1976
19770088619	Carbon dioxide laser cross section measurements of projectiles (U)	1976
19770088623	The manufacture of crankshaft bearing inserts for the ZIL-130 engine	1976
19770088624	Laboratory evaluation of a closed Brayton cycle engine	1976
19770088625	Hoisting mechanisms; gripping mechanisms; special forklift designs; bridge cargo-handlers; special crane cargo-handlers and equipment of container moorages	1976
19770088627	Reliability and maintainability block diagrams and mathematical models	1976
19770088630	Stress and buckling analyses of toroidal shells	1976
19770088631	Use of a modified beam in obtaining creep data in uniaxial tension and compression	1976
19770088634	Validation of high temperature design methods and criteria	1976
19770088639	Solar production of electrical energy	1976
19770088640	New energy sources	1976
19770088641	Environmental tests of the PS134 TOW battery charger	1976
19770088642	Investigation of shipboard 400-HZ power system interface problems	1976
19770088643	Thermoelectric generators	1976
19770088646	T-2 aircraft nickel-cadmium battery test program	1976
19770088647	Boltzmann equation integration in thermionic converter conditions. Part 1: Elastic collisions	1976
19770088648	Alternate steam generator development program, volume 5	1976
19770088649	Alternate steam generator development program. Fluidized bed steam generator development	1976
19770088651	A method of investigating the dispersion of an artificial aerosol in the surface layer	1976
19770088652	The computation of Legendre functions of the second kind in physical geodesy	1976
19770088653	An investigation of empirical wind variance models	1976
19770088654	Monthly bulletin, Canadian upper air data	1976
19770088656	Project: Continental shelf processes effecting the oceanography of the South Atlantic Bight	1976
19770088660	Engineering-psychological requirements for control systems	1976
19770088663	Determination of behavior by the probabilistic structure of situation	1976
19770088664	MARK V burner development program, phase 3	1976
19770088665	All applications digital computer documentation. Volume 2. Advanced development model. Part C. Programming considerations/notes	1976
19770088666	All applications digital computer documentation. Volume 2. Advanced development model. Part B, book 3. Programmer's reference manual	1976
19770088667	All applications digital computer documentation. Volume 2. Advanced development model. Part B, book 2. Programmer's reference manual	1976
19770088668	All applications digital computer documentation. Volume 2. Advanced development model. Part B, book 1. Programmer's reference manual	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088669	All applications digital computer documentation. Volume 2. Advanced development model. Part A. Introduction program operator's manual, ALADDIN-Assembler	1976
19770088670	All applications digital computer documentation. Volume 1: Architecture reference manual	1976
19770088671	Power-cost-reliability of various micromachines simulating machromachines in the same manner	1976
19770088672	Data reduction protocol task, task accomplishments	1976
19770088673	Manufacturing methods and technology for bubble memory storage element fabrication for computers	1976
19770088674	JOPS 3 system monitor	1976
19770088675	Required Operational Capability (ROC) for source data automation	1976
19770088679	User's manual for DUKFOR: A computer program for analyses of pile-soil interaction	1976
19770088680	Process design methodology management techniques	1976
19770088681	Test and evaluation plan process design methodology proof of principle and capabilities demonstration	1976
19770088682	Process design engineering program baseline software process, productivity and error analysis	1976
19770088688	Process design methodology (PDM) design specification. Volume 1: Process design language, revision 2	1976
19770088689	Process design engineering program user's manual: Baseline software process	1976
19770088690	Process design methodology user's manual, revision	1976
19770088691	A digital computer program for the simulation of an air defense interceptor missile system (U)	1976
19770088701	Analysis plan for narrowband/narrowbeam ambient noise (U)	1976
19770088703	Evaporation in variable pressure fields	1976
19770088704	Calculation of impurity transport by a variational method	1976
19770088706	An ultrarelativistic carcinotron	1976
19770088709	Development of an advanced flash X-ray system	1976
19770088710	Fiber optics application feasibility study	1976
19770088715	Properties of photodetectors (photodector series, 95th report). Characterization of PbSnTe detectors at low temperatures and backgrounds (U)	1976
19770088717	ARPA/STO program (U)	1976
19770088718	Operations of the thermal distortion test facility, January 1974 - June 1975 (U)	1976
19770088719	Infrared polarization signature analysis (U)	1976
19770088720	Direction finding source discriminator (U)	1976
19770088721	Department of the Army approved required operational capability ROC for the Manportable Common Thermal Night Sights (MCTNS) (ACN 24267) (U)	1976
19770088722	Advanced development verification test (government) of the M60A1 (PI) Tank Thermal Sight (TTS) (U)	1976
19770088723	Plasma physics and fusion	1976
19770088724	Conceptual design of a theta-pinch fusion engineering research facility	1976
19770088725	Preliminary report on plasma arc-drop in thermionic energy converters	1976
19770088726	Thermal analysis device for the study of crystal transformations and phase changes at high temperatures	1976
19770088728	ASEE-Case-NASA Lewis summer faculty fellowships	1976
19770088730	NASA-ASEE summer faculty research	1976
19770088731	Addendum to 1976 final report - NASA/ASEE summer facility research institute	1976
19770088732	NASA-ASEE summer faculty fellowship program	1976
19770088733	ASEE-NASA summer research program 1976	1976
19770088734	A simulation to study the loading of manpower and facilities in the data interpretation and analysis center for the LRP. Part 3: A guide to the operation of the Mk III model	1976
19770088736	Progress report, 1 April 1976 to 31 July 1976	1976
19770088737	Government-Industry Data Exchange Program (GIDEP)	1976
19770088739	Technical publication summaries, July - September 1976 (U)	1976
19770088741	Equipment specification cost effect study, phase 2. Volume 1: Executive summary	1976
19770088742	Equipment specification cost effect study, phase 2. Volume 2: Technical report	1976
19770088743	Equipment specification cost effect study, phase 2. Volume 3: Data notebook	1976
19770088744	Equipment specification cost effect study, phase 2. Volume 4: User's manual	1976
19770088753	Some aeroelastic distortion effects on aircraft and wind tunnel models	1976
19770088754	Three theoretical methods for determining the parameters of an elastomechanical system in static vibration testing	1976
19770088755	Separation characteristics of several stores released from the F-16 aircraft at Mach numbers from 0.5 to 1.2	1976
19770088756	Force data reduction analysis	1976
19770088757	Asymmetric vortex-induced side force on an MX missile at roll angles from -10 to 190 deg at free-stream Mach numbers from 0.4 to 1.5	1976
19770088759	Investigation to study the aerodynamic ship wake turbulence generated by an FF1052 engine	1976
19770088762	Development test of tow vehicle A/S 32K-6	1976
19770088763	F-106 missile boresight/clearance investigation	1976
19770088764	Test and evaluation of the AN/ASH-20(V) crash position locator/flight data recorder and the AN/ARA-63 instrument landing system in the KC-130R airplane	1976
19770088765	Army utilization of the Advanced Medium STOL Transport (AMST) capabilities	1976
19770088767	Airdrop clearance of double inflatable craft followed by up to 12 parachutists in one DZ pass	1976
19770088768	National Microwave Landing System (MLS) supporting development	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088770	Investigation of heat sensitive characteristics of CP-848/UYK computer	1976
19770088771	Electromagnetic compatibility test plan for the AN/TRN-41 TACAN navigational set, revision A	1976
19770088772	Passive airborne ranging (U)	1976
19770088774	AQM-37A target performance study	1976
19770088775	Limited performance evaluation of an a-7D with a derated engine	1976
19770088776	Operational use of air force H-53 helicopters. Volume 3: Rescue-training mission	1976
19770088777	Operational use of Air Force H-53 helicopters. Volume 4: Composite training and rescue-training mission data	1976
19770088778	EC-135 EMP assessment program, pre-test analysis. Volume 8, part 2: External coupling	1976
19770088779	EC-135 EMP assessment program, pre-test analysis. Volume 8, part 3: external coupling	1976
19770088780	EC-135 EMP assessment program, pre-test analysis. Volume 15: HPD predictions	1976
19770088781	EC-135 EMP assessment program, N-1 compass system EMP threshold analysis	1976
19770088782	EC-135 EMP assessment program, engine fuel system, system description	1976
19770088784	A-10 follow on operational test and evaluation. Test plan, phase 1	1976
19770088785	A-10 initial operational test evaluation. Phase 2, test report	1976
19770088786	YAV-8B aerodynamic investigation program report	1976
19770088787	YAV-8B flutter and divergence investigation program report	1976
19770088788	Management requirements general YAV-8B aircraft for subcontracted equipment, McDonnell Aircraft Company	1976
19770088789	YAV-8B status report: Structural design and analysis	1976
19770088790	YAV-8B preferred parts list	1976
19770088791	YAV-8B manufacturing plan	1976
19770088792	Subcontractor data catalog for the YAV-8B aircraft	1976
19770088793	YAV-8B low speed wind tunnel 17-1/2% flutter model test	1976
19770088794	YAV-8B interface control document for engine/aircraft	1976
19770088795	Multipoint aerial refueling system development, volume 2	1976
19770088796	Multipoint Aerial Refueling System (MARS) prototype development phase summary report	1976
19770088797	EC-135 EMP assessment program, pre-test analysis. Volume 13: VPD predictions, part 1	1976
19770088798	EC-135 EMP assessment program, altimeters system description	1976
19770088799	EC-135 EMP assessment program, airspeed indicator system description	1976
19770088800	EC-135 EMP assessment program, landing gear system description	1976
19770088801	EC-135 EMP assessment program, Power Plant System description	1976
19770088802	EC-135 EMP assessment program, engine instrument systems system description	1976
19770088803	EC-135 EMP assessment program, electrical power system system description	1976
19770088804	EC-135 EMP assessment program, private interphone system AN/AIC-23 system description	1976
19770088805	ED-135 EMP assessment program, multiplexer set AN/ACC-3 system description	1976
19770088806	EC-135 EMP assessment program, pre-test analysis. Volume 14: SRF predictions, part 1	1976
19770088807	EC-135 EMP assessment program, pre-test analysis. Volume 4: Damage analysis, group 3	1976
19770088808	EC-135 EMP assessment program, pneudraulic systems EMP threshold analysis	1976
19770088809	EC-135 EMP assessment program, pre-test analysis. Volume 3: Damage analysis, group 2	1976
19770088810	EC-135 EMP assessment program, flight controls system description	1976
19770088811	EC-135 EMP assessment program, pre-test analysis. Volume 13: VPD predictions, part 2	1976
19770088812	EC-135 EMP assessment program, pre-test analysis. Volume 8: External coupling, part 1	1976
19770088813	EC-135 EMP assessment program, pre-test analysis. Volume 7: Model topology	1976
19770088814	EC-135 EMP assessment program, pre-test analysis. Volume 12: HAB predictions, part 1	1976
19770088815	EC-135 EMP assessment program, pre-test analysis. Volume 12: HAB predictions part 2	1976
19770088816	EC-135 EMP assessment program, pre-test analysis. Volume 12: HAB predictions, part 3	1976
19770088817	EC-135 EMP assessment program, pre-test analysis. Volume 12: HAB predictions, part 4	1976
19770088819	E-2 no-flap landing evaluation	1976
19770088823	Abbreviated independent evaluation of the results of Cobra/TOW armament system (AH/Q) helicopter DT 3	1976
19770088824	Survivability/vulnerability survey of selected airframe and engine manufacturers conventional weapons	1976
19770088825	Procurement specification for lift improvement devices (LIDS) hydraulic servocylinder	1976
19770088826	TAV-8A Harrier armament characteristics	1976
19770088827	Systems evaluation of the A-10 GAU-81A gun installation	1976
19770088828	The AV-8A manned simulation low speed uncommanded roll study	1976
19770088831	Procurement specification for exterior lights	1976
19770088832	Procurement specification for fuel quantity indication system	1976
19770088833	Procurement specification for flap controller	1976
19770088834	Evaluation of 300 gallon (1,136 liters) external fuel tank	1976
19770088836	Composite, low cost secondary airframe structures, volume 2	1976
19770088837	Required minimum elements of a JTCCG/AS vulnerability assessment	1976
19770088839	Improved cooling scheme for the P-3A/B forward radar bay RT-508/APS-80 magnetron	1976
19770088843	Vulnerability assessment for air-conditioning system. Volume 1: Assessment summary (U)	1976
19770088844	Vulnerability assessment for air-conditioning system. Volume 3: Analysis data (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088845	Vulnerability assessment for leading and trailing edge flap system. Volume 1: Vulnerability assessment summary (U)	1976
19770088846	Vulnerability assessment for leading and trailing edge flap system (U)	1976
19770088847	Vulnerability assessment for flight interphone system. Volume 1: Vulnerability assessment summary (U)	1976
19770088848	Vulnerability assessment for flight interphone system. Volume 3: Analysis data (U)	1976
19770088850	Vulnerability assessment for horizontal situation indicator attitude director indicator radio/INS switch. Volume 3: Analysis data (U)	1976
19770088851	Vulnerability assessment for engine fuel system. Volume 1, 2: Analysis data (U)	1976
19770088853	Vulnerability assessment for landing gear position indicating and warning system. Volume 3: Analysis data (U)	1976
19770088854	Tactical analysis bulletin, volume 76-3 (U)	1976
19770088856	Vulnerability assessment for the Elevator Feel Computer System. Volume 1: Vulnerability assessment summary (U)	1976
19770088858	The flight development of electronic displays for V/STOL instrument approach guidance	1976
19770088859	Air combat maneuvering instrumentation system flight test	1976
19770088860	Flight test and evaluation of the Lear Siegler Industries model 6000 attitude and heading reference system in the AV-8A airplane	1976
19770088861	Operational test and evaluation of the modular digital scan converter in F-106	1976
19770088863	Report abstracts, January thru December 1975	1976
19770088864	System integration and flight checkout of height indicator ID-2039 (XJ-1)/APN-194(V)	1976
19770088865	Reliability, maintainability and logistics supportability of air combat maneuvering instrumentation (ACMI) system	1976
19770088867	Model A-4M aircraft 20 KVA variable speed constant frequency power generating qualification verification of production systems	1976
19770088870	Evaluation of DC 94-011 and G-651 integral fuel tank channel sealants for model A6 aircraft	1976
19770088871	The T400-CP-400 engine starting test evaluation of an improved durability combustion liner (T400-WV-402 liner)	1976
19770088875	Application of three aeroservoelastic stability analysis techniques	1976
19770088876	Programming support for guidance and control hybrid simulation	1976
19770088879	Development of a cryogenic test facility at The Max-Planck-Institut fuer Stroemungsforschung and some preliminary experiments with liquid helium	1976
19770088880	RADC technical facilities register	1976
19770088881	Dynamic interface evaluation of stable Semi-Submerged Platform (SSP) with model SH-2F helicopter	1976
19770088883	A preliminary study on parametric deck length requirements for aircraft shipboard free-deck take-offs and landings	1976
19770088890	Advanced strategic air launched missile (ASLAM) guidance technology demonstration program. Volume 2: Appendixes C, D, E, F, G, and H	1976
19770088891	Constraints of terrain on deployment of Patriot systems	1976
19770088893	PATRIOT computer system support FY76	1976
19770088894	Feasibility study of Reusable Aerodynamic Space Vehicle (RASV). Volume 1: Executive summary	1976
19770088895	Feasibility study of Reuseable Aerodynamic Space Vehicle (RASV). Volume 2: Vehicle design and analysis	1976
19770088896	Feasibility study of Reuseable Aerodynamic Space Vehicle (RASV). Volume 3: Appendices	1976
19770088897	Networks in space: A preliminary examination of satellite data management. Volume 2: Detailed analysis	1976
19770088898	Networks in space: A preliminary examination of satellite data management. Volume 3: Appendices A-E	1976
19770088899	Radar observations of the deployment of LES-8 and 9	1976
19770088900	Captive flight tests of the Navy TOMAHAWK cruise missile in the AEDC 16-FT transonic wind tunnel	1976
19770088901	AF AIM-91BQM IR evaluation (coreburner)	1976
19770088902	Hit-to-kill homer ground test (HIT phase 2). Volume 1: Program chronology	1976
19770088904	Combat SAGE weapon system evaluation program (U)	1976
19770088907	Strategic requirements for BMD (U)	1976
19770088912	AGM-45-10 improved shrike joint NTE/IOT and E (U)	1976
19770088914	Fire-and-forget missile seeker evaluation, volume 1 (U)	1976
19770088918	Re-entry systems program (U)	1976
19770088919	Attack characterization support (U)	1976
19770088920	F-15 AFDT and E air-to-air missile evaluation (AIM-7F/AIM-9J/AIM-9L) (U)	1976
19770088921	Minuteman flight analysis report. Volume 1: Basic performance. (LGM-30F operational test phase 2 program. Launch 28, FTM 2213, Glory Trip 128M, us-133AM. Launched 23 June 1976, wtr ops no. 8230) (U)	1976
19770088922	DSP sensor/STS transition study	1976
19770088923	Satellite-based tracking analysis (U)	1976
19770088925	Design and performance analysis of suboptimum attitude control procedures for a dual spin spacecraft	1976
19770088927	Advanced missile - Technology and applications. The cruise missile. What is it? What might it be? (U)	1976
19770088929	Prediction of exhaust characteristics of the Stonechat motor for boost blast applications	1976
19770088930	RL10A-3-3 liquid rocket engines service manual, change 15	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088931	Nozzles and blast tubes for ultra high pressure tactical air launch motors, volume 2	1976
19770088933	Performance mapping of catalytic hydrazine attitude control thrusters	1976
19770088934	Plume contrail radar cross section	1976
19770088935	Flame radar scattering experiment	1976
19770088937	Nozzles and blast tubes for ultra high pressure tactical air launch motors, volume 1	1976
19770088938	Destructive hydrostatic pressure test of AN/BLA-4 radome	1976
19770088939	Reentry vehicle materials technology program (REUMAT): Fabrication of 3-D pitch fiber preform	1976
19770088940	Thermal and mechanical properties of carbon-carbon composites of various weave spacings	1976
19770088942	A coupled front surface physics wave propagation code for composites in radiative environments	1976
19770088943	Selected thermal properties of several aerospace materials	1976
19770088944	The development and fabrication of carbon composites, special graphite, and precursor materials	1976
19770088946	Radome erosion by raindrop impact. I. Rain erosion of missile radomes. II. Rain damage to fiber-glass honeycomb radomes	1976
19770088947	Thermostuctural evaluation of materials program	1976
19770088948	Development of improved multidirectional weaves and densification processes for carbon-carbon nosetip materials	1976
19770088951	The preparation of 2,2,6,6-Tetrahydryl-Fheptanedioic acid and its polyester with 1,1,5,5-tetrahydryl-F-1,5-pentanediol	1976
19770088952	Infrared analysis of pyrolysis products of plastics and elastomers	1976
19770088956	Diffusion of hydrogen in metals	1976
19770088957	The alloying of deformable aluminum alloys by transition metals	1976
19770088958	Fiber reinforcement of metals	1976
19770088959	Metallurgical characterization of HY-130 steel extrusions	1976
19770088960	The effect of coating systems on the corrosion and fatigue behavior of HY-130 and 17-4 PH stainless steel	1976
19770088961	Titanium turbine investigation	1976
19770088962	Improved beryllium ductility study	1976
19770088963	Criteria for fracture prevention in titanium structures	1976
19770088966	Hard-faced coatings for aluminum components	1976
19770088968	Effect of overheating on the fatigue strength of carburized S82 steel	1976
19770088970	Thermal degradation of polyepichlorhydrin elastomers	1976
19770088972	High performance elastomeric sealing systems, part 5	1976
19770088973	Elevated temperature elastomers for integral fuel tank sealants, part 6	1976
19770088975	Use of emulsion polymers as artificial aerosols	1976
19770088976	Advanced adhesives for transparent armor	1976
19770088977	Ceramic material	1976
19770088978	Erosion resistant materials	1976
19770088979	Influence of ABM material properties on erosion resulting from particle impact	1976
19770088980	Test and evaluation of water-repellent coatings for periscope headwindows	1976
19770088981	Exploratory development of chemical quality assurance and composition of epoxy formulations	1976
19770088983	Two-step polyurethanes based on polybutadiene and polybutadiene/polytetramethylene oxide mixtures for use at elevated temperatures	1976
19770088985	Physical chemical properties of complex aromatic-heterocyclic polymers, part 6	1976
19770088986	The coating and protection of integrated circuit boards by RF plasma polymerization techniques	1976
19770088987	Erosion resistant, antistatic thermal flash resistant polymeric coatings	1976
19770088988	Synthesis of modified polyacrylonitriles and their conversion into carbon fibres. 3: Copolymers containing chlorine	1976
19770088989	A thermoanalytical study of the cube characteristics of an epoxy resin system: BSL 913	1976
19770088990	The properties of carbon fibre reinforced thermoplastics moulded by the film-stacking method	1976
19770088991	An ultrasonic technique operating from the conduit for the detection of propellant defects in motors such as first stage Polaris	1976
19770088992	A comparison of the adiabatic compression sensitivity of Noset A, Ottofuel 2 and IPN	1976
19770088993	Tetranitroglycoluril for explosives	1976
19770088994	Electromagnetic sensitivity test of selected stinger system squibs	1976
19770088996	Advanced reactants for GDL applications	1976
19770088997	Pyrotechnic flare mechanisms	1976
19770089002	Airblast and structural response testing of a prototype category III suppressive shield	1976
19770089004	Spread spectrum recognition techniques and maximum length sequences	1976
19770089005	Results of calibration of the STC X-band ground terminals SET-2 and SET-4 for the orbital testing of the NATO 3 spacecraft communication subsystem	1976
19770089010	Experimental simulated plasma results on base-mounted antennas	1976
19770089011	Radiation from loop antennas in a magnetoplasma	1976
19770089012	Procedures for orbital testing of the NATO 3 spacecraft communication sub-system	1976
19770089013	Aircraft classification by means of radar imaging	1976
19770089014	Infrared temperature monitoring of VLF antenna insulators	1976
19770089015	FLAMR/FLAP data: A discussion of origin and formats	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089018	Vulnerability assessment for VHF radio Collins 618 M-2. Volume 2: System description	1976
19770089020	Operational evaluation of the AN/GRT-21 VHF transmitter and AN/GRR-23 VHF receiver	1976
19770089021	Networks in space: A preliminary examination of satellite data management. Volume 1: Executive summary	1976
19770089022	Wideband, noncoherent, frequency-hopped waveforms and their hybrids in low-probability-of-intercept communications	1976
19770089023	Search and rescue communications Global Rescue Alarm Net (GRAN)	1976
19770089025	CVSD processing of quasi-analog signals, implications for TRI-TAC applications. Volume 3: Harris ADM/D device	1976
19770089026	Family of ground-to-air Ultra High Frequency (UHF) radios	1976
19770089027	Navy communications	1976
19770089028	16 KB/S data modem techniques	1976
19770089029	Rivet switch direct-drive tests	1976
19770089030	Development test 2 of time division digital multiplexer TD-1069()/G	1976
19770089031	Development test 2 of high speed serial data buffer TD-1065	1976
19770089032	United States Southern Command Worldwide Military Command and Control Systems (WWMCCS) remote terminal	1976
19770089033	Topics in Naval telecommunications media analysis	1976
19770089034	Radar cross section measurements of an experimental TRW satellite	1976
19770089035	Special Numeric Operations Report executive (SNORE)	1976
19770089038	A cost analysis study comparing imaging communications subsystem and base sizes	1976
19770089040	Radar cross section measurements of an experimental TRW satellite, volume 1	1976
19770089041	Ballistic missile defense advanced technology center. Advanced Research Center (ARC) midterm technical report	1976
19770089042	Selection of an operating voltage for a Bremsstrahlung photon source of SGEMP applications	1976
19770089043	ROI program evaluation of radar velocimeter	1976
19770089044	OTH radar performance improvement with Twin-Whip Endfire Receiving Pair (TWERP) elements at WARF	1976
19770089045	Technical support for the CONUS OTH-B prototype radar system	1976
19770089047	A terrain line of sight simulation system	1976
19770089048	Naval evaluation of a contractor developed radar (WX-50) on light utility aircraft	1976
19770089049	Evaluation of the RT-1156/APX-100 IFF transponder	1976
19770089050	Receiver-transmitters RT-728/APX-64(V) and RT-728A/APX-64(V) reliability and maintainability program	1976
19770089051	CVSD processing of quasi-analog signals. Implications for TRI-TAC applications Volume 4: Parkhill-KY-65 tests	1976
19770089053	Real time evaluation of discrete sea surface echoes observed with a frequency-agile OTH radar	1976
19770089056	Radar cross section modulation, volume 1 (U)	1976
19770089057	Responsive survival aid requirements, volume 1 (U)	1976
19770089059	E-4 UHF frequency supportability (U)	1976
19770089062	Antenna Modulator Broadband Signalling (AMBS) (U)	1976
19770089065	Structural analysis radar edge materials applications (U)	1976
19770089066	Test and evaluation of the Hughes Aircraft Company interceptor warning receiver (U)	1976
19770089067	Analysis of UHF MILSATCOM architecture alternatives. Volume 2: System architecture analysis examples (U)	1976
19770089079	Manufacturing methods and technology measure for improved 18 mm microchannel plates with solid border, phase 2	1976
19770089080	The cesium beam frequency standard for the navigational technology satellite number 2	1976
19770089082	All-Union Symposium on Nanosecond Pulse Techniques and Their Application in Physical Research	1976
19770089088	Radiation hardened MOS voltage comparator	1976
19770089089	Contact to develop a 250 MHz electronbombaraded semiconductor (EBS) analog to digital converter	1976
19770089090	EMP electronics, incorporated, P/N 323 DC to DC converter procurement and evaluation of	1976
19770089093	High-performance, high-density bulk CMOS/LSI arrays	1976
19770089095	Pulse power effects in discrete resistors	1976
19770089096	Resistor susceptibility survey	1976
19770089097	AN/BQQ-6 module qualification test report	1976
19770089098	Standard electronic module quality assurance activity test report	1976
19770089099	MK 98 module qualification test report	1976
19770089100	Voltage regulator, 723 integrated circuit, 10 lead, metal can	1976
19770089108	Advanced electron device technology	1976
19770089110	Engineering evaluation of the bendix P/N 9B40-9 converter equipped with low speed fan	1976
19770089113	MK 98 module qualification test report	1976
19770089118	Brush, three element Raytheon P/N (433030--1)	1976
19770089121	High energy pulse failure of wire-wound resistors	1976
19770089124	Report of test on capacitors, A2 module, drawing 2606035, AIM-9H weapon	1976
19770089126	Radiation-hardened Al2O3 CMOS/SOS integrated circuits	1976
19770089129	Report on tests on ATR type BLA031 electron tubes, gas, special purpose	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089133	Conversion of a 35 GHz FMCW radiometric seeker to 94 GHz	1976
19770089138	Capacitor, fixed, paper-dielectric (144734-1)	1976
19770089139	Test/evaluation report on capacitors, variable	1976
19770089140	Test/evaluation report on capacitors, variable	1976
19770089141	Test/evaluation report on capacitors, variable	1976
19770089142	Test/evaluation report on capacitors, variable	1976
19770089148	Manufacturing methods and technology measure for improved 18mm microchannel plates with solid border, phase 2	1976
19770089149	Complementary-symmetry/Metal Oxide Semiconductor (CMOS) circuit hardening. Volume 3: Sixty-four bit random access memory fabrication and characterization	1976
19770089153	Severe spherical and cylindrical compression shocks near the center of a sphere or the axis of a cylinder	1976
19770089154	Progress report	1976
19770089159	Refinement in a method used for the prediction of fluctuating forces on marine propellers	1976
19770089160	Nosetip transition experimentation program, volume 1	1976
19770089162	Experiments with the Stoeber centrifugal aerosol spectrometer: Calibration and test experiments	1976
19770089163	Design and testing of silver recovery systems for the ES-38B and ES-82A mobile photographic laboratories	1976
19770089164	Universal tank level indicator calibration system	1976
19770089165	Litton G-1200 Gyro test	1976
19770089166	Condition-indicating devices for fuel and lubricating oil filter	1976
19770089167	A noncontact array velocimeter	1976
19770089169	Comparison of true errors in results obtained with instruments of differing precision	1976
19770089170	The photographers guide	1976
19770089171	Dry process and instantaneous X-ray film	1976
19770089173	Laser and mixing program (LAMP) theory and users guide	1976
19770089174	Joule/Q-switched pulse neodymium laser device, part 2	1976
19770089175	Laser window surface finishing and coating science	1976
19770089178	Transfer chemical laser Ladar device characterization	1976
19770089179	LADEC experiments	1976
19770089180	Measurement of vibration signatures by means of a CO2 laser radar	1976
19770089186	Laser barrier materials (U)	1976
19770089187	Laser measurement program (U)	1976
19770089189	Susceptibility of infrared air-to-air-missile seekers to laser radiation (U)	1976
19770089192	Empirical correlation describing the impact of two-foot diameter spheres with internal energy absorbing material simulating an airborne reactor containment system	1976
19770089193	Stud gun sound pressure level study: Experimental and theoretical work	1976
19770089194	Plastic tanks and containers for storage of various liquids	1976
19770089195	Problem of development of automotive engine producing low toxicity exhaust	1976
19770089196	Comparative evaluation of a foreign run-flat tire-tube assembly versus a qualified domestic combat tire	1976
19770089197	Evaluation of an incinerator for waste propellants and explosives	1976
19770089198	Qualification test report, amphenol, G and H technology and Reynolds connectors (Burton Silver Plating)	1976
19770089202	Sea level icing rig calibration for small engine tests	1976
19770089203	An improved production process for titanium alloy hydraulic tubing	1976
19770089204	Reliability engineering test report on capacitors, fixed, mica, molded, lead mount, contractor hi-rel	1976
19770089205	Standard electronic module program quality assurance activity test report	1976
19770089206	Standard electronic module program quality assurance activity test report	1976
19770089207	Standard electronic module program quality assurance activity test report	1976
19770089208	Standard electronic module program quality assurance activity test report	1976
19770089209	Standard electronic module program quality assurance activity test report	1976
19770089210	Standard electronic module program quality assurance activity test report	1976
19770089211	Standard electronic module program quality assurance activity test report	1976
19770089212	Standard electronic module program quality assurance activity test report	1976
19770089213	Service life evaluation program report (H038-A2C)	1976
19770089214	Standard electronic module qualification test report	1976
19770089215	Standard electronic module program quality assurance activity test report	1976
19770089216	Standard electronic module program quality assurance activity test report	1976
19770089217	Standard electronic module program quality assurance activity test report	1976
19770089218	Standard electronic module program quality assurance activity test report	1976
19770089219	Standard electronic module program quality assurance activity test report	1976
19770089220	Standard electronic module program quality assurance activity test report	1976
19770089221	Standard electronic module program quality assurance activity test report	1976
19770089222	Standard Electronic module program quality assurance activity test report	1976
19770089223	Standard electronic module program quality assurance activity test report	1976
19770089224	Standard electronic module program quality assurance activity test report	1976
19770089227	Standard electronic module program quality assurance activity test report	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089229	The philosophy of test factors	1976
19770089230	Buckling and post-buckling of orthotropic laminated plates	1976
19770089231	A statistical theory of brittle failure for an anisotropic structure subjected to a multiaxial stress state	1976
19770089232	An engineering evaluation of the effect of oversized countersunk holes in structural joints	1976
19770089233	Solution of elastic crack problems by superposition of finite elements and singular fields	1976
19770089236	Theoretical and numerical models of groundwater reservoir mechanism	1976
19770089237	Computer procedure for calculating and displaying the boundaries of a watershed	1976
19770089239	Review airborne radar foliage penetration systems, addendum (U)	1976
19770089242	Porous laminated silver/silver chloride electrodes for low temperature applications	1976
19770089243	Development of water as a high energy density dielectric	1976
19770089245	Energy utilization of solid waste at small naval bases: An economic decision model and comparison of two types of systems	1976
19770089246	Methodology investigation of improved simulation of solar radiation	1976
19770089248	Noise from sports aircraft: Measurements and health aspects	1976
19770089250	Projectile penetration in earth materials: Theory and computer analysis	1976
19770089251	The calculation of gravitational disturbance from geoid height	1976
19770089252	Secular motion of the earth's geographic pole	1976
19770089253	Geoid variations in Germany	1976
19770089254	Tectonics of the Arctic Ocean	1976
19770089255	Gravity field and figure of the earth	1976
19770089259	High-resolution seismic reflection measurements for tunnel detection	1976
19770089260	Characterization of the seismic medium using nonlinear identification techniques	1976
19770089261	Earth motions and their effect on Air Force systems (U)	1976
19770089264	Monthly Bulletin. Canadian Upper Air data, June 1976	1976
19770089266	Dynamical and thermal balances at the air/sea interface-model statement and applications	1976
19770089269	Recommended human exposure limits for very-low-frequency vibration	1976
19770089274	Physiological correlates of psychological variables survey report	1976
19770089276	Human factors evaluation of A-4M ECP-1120	1976
19770089278	Cross-tie memory study for GFY7TQ. Part 1: Serrated strip memory element. Part 2: Array organization/hardware integration	1976
19770089281	Methodology investigation of ADAPT: Automated Data acquisition processing technology and network studies	1976
19770089282	ACS data bank development	1976
19770089283	Optical methods of data processing	1976
19770089285	The VALIMAR system, program VALIMAR, analytical description	1976
19770089286	Management overlay for the BMDATC software development system	1976
19770089287	BMEWS software evaluation (U)	1976
19770089289	Simultaneous singular integral equations with logarithmic kernels	1976
19770089291	Behavior of the Kalman filter applied to bearings-only target motion analysis	1976
19770089292	Review of electrical breakdown processes in water	1976
19770089298	Array signal gain and null rates from WESTLANT 74	1976
19770089299	Delta array sensor development	1976
19770089300	Sound speed profiles for the Indian Ocean	1976
19770089302	Black box irradiation sources	1976
19770089303	Investigation of FLIR stabilization techniques	1976
19770089308	Feasibility model IR sensor (storm)	1976
19770089310	Operational feasibility test (combined FDTE) of stabilized hand held optic devices for the OH-58	1976
19770089311	Warship identification with electro-optical imaging systems	1976
19770089312	Guidance and control simulation and ground verification program - Recommended GCS model verification tests	1976
19770089313	Imaging IR guidance unit, long lead producibility program, volume 2, phase 2	1976
19770089314	MARSAM 2 IR update (FLIR model)	1976
19770089315	Optical alignment techniques for fire control instruments	1976
19770089316	Initial production test of sight, night vision, individual served weapons AN/PVS-2b	1976
19770089317	Research on experimental, optically transparent materials	1976
19770089319	Lightweight optical jammer (U)	1976
19770089320	Critical Optics Technology (COT) (U)	1976
19770089324	Target and background investigations (U)	1976
19770089326	Reaction cross-sections of relevance to hydrogen plasmas in ion sources	1976
19770089327	Quarterly title list for the period ending September 1976	1976
19770089334	Distributed defense studies (D and D development) (U)	1976
19770089337	Task group on improved intelligence support to consumers. Volume 1: Executive report (U)	1976
19770089338	Task group on improved intelligence support to consumers. Volume 2: Supporting annexes (U)	1976
19770089339	Task group on improved intelligence support to consumers. Volume 3: Report of the sub-group on compartmentation (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089342	Deminerlization of water by reverse osmosis extract	1976
19770089349	Distributed defense studies (technology applications) (U)	1976
19770089357	Utility Tactical Transport Aircraft System Cost and Operational Effectiveness Analysis (UTTAS COEA). Volume 7, appendix 9: Cost analysis	1976
19770089358	Utility Tactical Transport Aircraft System Cost and Operational Effectiveness Study (UTTAS COEA). Volume 6b. Appendix 6: Organizational analysis. Appendix 7: Mission and resource scheduling. Appendix 8: Operational effectiveness	1976
19770089359	Surveillance: Fleet-retuned M5A2 thrusters	1976
19770089360	Utility Tactical Transport Aircraft System. Operational Test 2. UTTAS OT 2	1976
19770089362	A comparison of US and Soviet military airlift aircraft (U)	1976
19770089367	A feasibility study of a navigational grid system for remote control target vehicle applications	1976
19770089369	Results of ground and air tests of the tactical beacon navigation system	1976
19770089370	Possibility of adapting a land navigation system to perform artillery survey	1976
19770089383	A-7D engine intake duct survivability improvement: Concept definition	1976
19770089385	AV-8 B full scale wind tunnel model structural analysis	1976
19770089387	Operational test and evaluation vinyl loading mat	1976
19770089388	EC-135 EMP assessment program, low frequency radio system AN/ARC-96 system description	1976
19770089389	EC-135 EMP assessment program, J-4 compass system description	1976
19770089390	EC-135 EMP assessment program, airborne launch control center AN/ASW-28 system description	1976
19770089391	EC-135 EMP assessment program, UHF command radio AN/ARL-34 system description	1976
19770089392	EC-135 EMP assessment program, N-1 gyrocompass system description	1976
19770089393	EC-135 EMP assessment program, radar set AN/APN-59B system description	1976
19770089395	Evaluation of sealing tapes for corrosion protection of aircraft fastener areas	1976
19770089396	EC-135 EMP assessment program, UHF radio transmitting set AN/ART-47 system description	1976
19770089397	EC-135 EMP assessment program, secure digital data system AN/ARA-60 system description	1976
19770089398	EC-135 EMP assessment program, staff interphone system AN/AIC-18 system description	1976
19770089399	EC-135 EMP assessment program, attitude director indicating system, description	1976
19770089406	EC-135 EMP assessment program, pre-test analysis. Volume 11: Cable coupling	1976
19770089407	EC-135 EMP assessment program, automatic switching system AN/ATC-1 system description	1976
19770089408	EC-135 EMP assessment program, Air Refueling Receiver (ARR) system description	1976
19770089409	Vulnerability assessment for engine nacelle anti-ice system. Volume 2: System description	1976
19770089410	Vulnerability assessment for AN/UGC-75(V)1 teletypewriter set. Volume 2: System description	1976
19770089411	Vulnerability assessment for micor T43RTN-1190A radio system. Volume 2: System description	1976
19770089413	Vulnerability assessment for MD-701B autodin modem. Volume 2: System description	1976
19770089414	Procurement specification for flap hydraulic cylinder	1976
19770089415	Procurement specification for aileron hydraulic servocylinder	1976
19770089416	Procurement specification for outrigger landing gear assembly	1976
19770089419	YAV-8B aircraft/engine description	1976
19770089425	EC-135 EMP assessment program, pre-test analysis. Volume 14: SRF predictions, part 2	1976
19770089427	Vulnerability of the OH-6A helicopter to impacting ground-fired projectiles (U)	1976
19770089429	Vulnerability assessment for flight control hydraulic shutoff systems. Volume 1: Vulnerability assessment summary (U)	1976
19770089430	Vulnerability assessment for flight control hydraulic shutoff systems. Volume 3: Analysis data (U)	1976
19770089431	Vulnerability assessment for standby attitude reference system. Volume 1: Vulnerability assessment summary (U)	1976
19770089432	Vulnerability assessment for standby attitude perference system. Volume 3: Analysis data (U)	1976
19770089433	Vulnerability assessment for hydraulic power system. Volume 1: Vulnerability assessment summary (U)	1976
19770089434	Vulnerability assessment for hydraulic power system. Volume 3: Analysis data (U)	1976
19770089435	Vulnerability assessment for rudder ratio changer system. Volume 1: Vulnerability assessment summary (U)	1976
19770089436	Vulnerability assessment for rudder ratio changer system. Volume 3: Analysis data (U)	1976
19770089438	Vulnerability assessment for Engine Core Speed N2 Indicator (U)	1976
19770089439	Vulnerability assessment for Aileron Lockout system (U)	1976
19770089440	Vulnerability assessment for aural warning system. Volume 1: Vulnerability assessment summary (U)	1976
19770089441	Vulnerability assessment for Aural Warning System. Volume 3: Analysis data (U)	1976
19770089442	Vulnerability assessment for engine and APU fire extinguishing system. Volume 1: Vulnerability assessment summary (U)	1976
19770089443	Vulnerability assessment for engine and APU fire extinguishing system. Volume 3: Analysis data (U)	1976
19770089444	Vulnerability assessment for miscellaneous assessment GFE Systems (U)	1976
19770089445	Vulnerability assessment for VHF Radio Collins 618M-2D. Volume 1: Vulnerability assessment summary (U)	1976
19770089446	Vulnerability assessment for the VHF Radio Collins 618M-2D. Volume 3: Analysis data (U)	1976
19770089447	Samson decoy vehicle FOT and E (U)	1976
19770089450	Vulnerability assessment for horizontal stabilizer trim control. Volume 3: Analysis data (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089451	Vulnerability assessment for horizontal stabilization trim control. Volume 1: Vulnerability assessment summary (U)	1976
19770089452	Vulnerability assessment for central air data system. Volume 3: Analysis data (U)	1976
19770089453	Vulnerability assessment for central air data system. Volume 1: Vulnerability assessment summary (U)	1976
19770089454	Vulnerability assessment for interior lighting system. Volume 3: Analysis data (U)	1976
19770089455	Vulnerability assessment for interior lighting system. Volume 1: Vulnerability assessment summary (U)	1976
19770089457	Helicopter/fighter evasive maneuvers F-15/H-53 combined OT and E (U)	1976
19770089458	Aeronautical systems technology needs flight systems (U)	1976
19770089462	The F-15A follow-on operational test and evaluation. Annex I: Deficiency reports (U)	1976
19770089466	Vulnerability assessment for autopilot/flight director system. Volume 6: Pitch computer analysis data (U)	1976
19770089467	Vulnerability assessment for autopilot/flight director system. Volume 8: Miscellaneous autopilot assemblies analysis data (U)	1976
19770089468	Vulnerability assessment for autopilot/flight director system. Volume 7: Roll computer analysis data (U)	1976
19770089469	The F-15A follow-on operational test and evaluation (U)	1976
19770089470	The F-15A follow-on operational test and evaluation. Annex B: Air-to-air evaluation (U)	1976
19770089471	The F-15A follow-on operational test and evaluation. Annex F: Mission completion analysis (U)	1976
19770089472	Doppler radar velocity sensor flight test verification of the Singer-Kearfott SKD-2102	1976
19770089473	Doppler radar velocity sensor flight test verification of the Canadian Marconi CMA-717FLW	1976
19770089474	Doppler radar velocity sensor flight test verification of the Teledyne-Ryan APN-213V	1976
19770089479	A-4M AiResearch model JFS-100-34 starter, design verification	1976
19770089480	Phase 3 of the TF30-P-412A engine flight evaluation component improvements test in the F-14A airplane	1976
19770089482	Test and evaluation of solid state power controllers	1976
19770089485	Engineering evaluation of the Avtron CH-53/S-2/SH-3 aircraft generator control unit, model K828C11547	1976
19770089486	Improved cooling of Sundstrand 20HD05 constant speed drive to obtain 20 kW load capability on certain A-4 aircraft	1976
19770089487	J65 product support program progress report	1976
19770089488	Pre-product verification tests of the F101-GE-100 turbofan engine S/N 470-006, builds 7, 8, and 8 A (U)	1976
19770089490	Backup flight control design procedures to increase survivability of aircraft. Volume 1: Quick reaction survivability and reliability analysis methodologies and BUFCS specifications	1976
19770089491	Backup flight control design procedures to increase survivability of aircraft. Volume 3: Design manual	1976
19770089492	Direct side force control criteria for dive bombing. Volume 2: Analysis and results	1976
19770089493	Development of an Advanced Skewed Sensory Electronic Triad (ASSET) system for flight control. Phase 1 and 2: Analytical and laboratory investigations	1976
19770089494	Initial concept investigation for clutched all-electric flight control actuation system	1976
19770089497	Backup flight control design procedures to increase survivability of aircraft. Volume 2: Software documentation	1976
19770089501	US Army Air Mobility Research and Development Laboratory technical reports published in FY-76 and FY77	1976
19770089504	Space programs	1976
19770089520	KA - Band satellite communications set AN/ASC-22	1976
19770089521	Multiple spacecraft dispenser study	1976
19770089523	Launch vehicle technology: Post boost propulsion systems, 1976 IR and D	1976
19770089526	User demand modeling study. Volume 1: Analysis and findings	1976
19770089529	Minuteman flight analysis report. Volume 1: Basic performance. LGM-30F ERCS operational test program - Launch no. 8, FTM 2072 Giant Moon 8 WS-133AM (U)	1976
19770089530	IEAS implementation phase 2. Volume 1: Program summary (U)	1976
19770089531	IEAS implementation Phase 2. Volume 2: Data base provisions (U)	1976
19770089534	Advanced digital image correlation, volume 1 (U)	1976
19770089551	Wake IR program (U)	1976
19770089556	In-band laser vulnerability of the basic chaparral missile (U)	1976
19770089569	Design considerations for an impulse corrected, body fixed, laser guided, fin stabilized rocket	1976
19770089574	Finite element analysis for stresses and failure probability in rocket motor nozzles	1976
19770089575	Static infrared measurements of the MICOM Infrared Plume Simulator (MIPS)	1976
19770089576	Development of a movable nozzle thrust vector control system for high performance air-launch missiles	1976
19770089577	Structural evaluation concept for two high strength steel motor cases	1976
19770089578	Lightweight transverse platelet injector	1976
19770089579	Engineering analysis of selected advanced propulsion concepts, 3	1976
19770089580	Structural load tests and static firings of booster components, NIKE-Hercules life cycle tests, 1976	1976
19770089581	Development of a movable nozzle thrust vector control system for high performance air launch missile	1976
19770089584	Grill heat measurement (U)	1976
19770089585	Far-ultraviolet studies of missile trails (U)	1976
19770089592	Manufacturing methods for composite fan blades	1976
19770089593	Development of a controlled carbon-carbon material for testing and evaluation	1976
19770089594	Compilation and correlation of GE 2-2-3 carbon-carbon material ablation ground test data	1976
19770089595	Mechanical and thermal properties of zirconium diboride and tantalum carbide carbon composites	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089598	Combustion of high density fuels	1976
19770089599	Airflow effects on fuel fires	1976
19770089600	Bromine residual chemistry and the halogen membrane electrode	1976
19770089609	Manufacturing methods for brazed titanium hybrid structures	1976
19770089611	High temperature braze for superalloys	1976
19770089612	The effect of sulphate and chloride ions on the corrosion inhibition of mild steel by a chromate	1976
19770089613	Directional solidification of Ni3Cb reinforced eutectic turbine blades	1976
19770089618	Laminated glass, specifically: Bulletproof glass	1976
19770089619	Mass spectrometric analysis of products of polymer degradation	1976
19770089622	Exploratory development of high temperature tire materials	1976
19770089624	Evaluation of commercially available and/or experimental adhesives	1976
19770089625	Exploratory development on the synthesis of intermediates required for high temperature stable polymers	1976
19770089633	The interaction of steel fragments from an exploding device and mass addition fragment restraint systems	1976
19770089634	Storage characteristics of M26E1 propellant for 152mm ammunition	1976
19770089635	Plastic explosives	1976
19770089636	Development of package for LUU 2B/B aircraft parachute flare	1976
19770089637	Technical evaluation, ignition element, lot PSI-3-6	1976
19770089638	Reverse-ballistics sled test of a clustered Airfield Defeat Munition (CADM) kinetic energy penetrator submunition model	1976
19770089639	Surveillance: Fleet-returned M6A1 initiators	1976
19770089641	The physical and chemical mechanisms behind fire-safe fuels	1976
19770089642	Problems on the measurement of propellant burning rates	1976
19770089643	Reduced-smoke solid propellant combustion products analysis. Development of procedures for chemical analysis of combustion products	1976
19770089645	A characterization study of several heat resistant explosives in mild detonating cords	1976
19770089646	Evaluation of a Monitek turbidimeter as a fuel contamination monitor	1976
19770089648	New photoflash cartridge designs for aircraft (U)	1976
19770089652	Evaluation of infrared decoy flares (U)	1976
19770089653	Suppressive shielding: Scenario definition	1976
19770089661	Linesman co-ordinate conversions	1976
19770089663	Narrowband digital voice processing (CSP-30 LPC software documentation), volume 1	1976
19770089664	Narrowband digital voice processing (CSP-30 PLPC software documentation), volume 2	1976
19770089669	Adaptive estimation	1976
19770089670	EC-135 EMP assessment program, pre-test analysis. Volume 6: Name code identification	1976
19770089671	EC-135 EMP assessment program, pre-test analysis, Volume 16: Model program system	1976
19770089672	A comparison of OTH-radar data	1976
19770089675	Photon source technology considerations for the SGEMP/TRE simulator. Volume 2: Appendixes D through H	1976
19770089676	Propagation study for the PAVE PAWS system, volume 2	1976
19770089681	Analysis and prediction of the electromagnetic compatibility problems encountered in a multiplex system	1976
19770089683	The effect of ionospheric scintillation on the fleet broadcast of the fleet satellite communication system	1976
19770089684	Performance and cost analyses of battlefield surveillance moving target acquisition radars	1976
19770089685	K510 tracker modification, volume 1	1976
19770089686	EC-135 EMP assessment program, UHF radio receiver set AN/ARR-71 system description	1976
19770089687	Receiver analysis program	1976
19770089688	Buoyant cable line driver amplifier	1976
19770089691	A review of analytical techniques and data for assessing the effects of striations on satellite communication links in a post-nuclear-event environment (U)	1976
19770089694	Adaptive MTI canceler for the SENRAD radar (U)	1976
19770089695	MEECN worldwide high frequency network performance test plan (U)	1976
19770089697	Radar cross section measurements of a one-third scale model a-10 fighter (U)	1976
19770089699	Emitter identification verification analysis (U)	1976
19770089701	Value to SPACETRACK of NAVSPASUR extension study: An annotated briefing (U)	1976
19770089708	OTH receiver investigation (U)	1976
19770089717	An effectiveness analysis of the GBU-15 and competitive weapon systems against high priority targets (U)	1976
19770089722	Implementation and testing of an all-digital aided track algorithm (U)	1976
19770089724	Evaluation of the improved electronic warfare equipment installation in the A-4M ECP-1120 airplane (U)	1976
19770089727	Command and control analysis for air interdiction. Executive summary (U)	1976
19770089728	Command and control analysis for air interdiction (U)	1976
19770089731	Guidance and control simulation and ground test verification program, reference scenario data, revision B (U)	1976
19770089733	Engineering design handbook. Vulnerability of communication-electronic and electro-optical systems (except guided missiles) to electronic warfare series. Part 1: Introduction and general approach to electronic warfare vulnerability (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089734	Engineering design handbook vulnerability of communication-electronic and electro-optical systems(except guided missiles) to electronic warfare series. Part 3: Electronic warfare vulnerability of ground-based and airborne surveillance and target acquisition radars	1976
19770089737	AFWL technical objective number 2, advanced radiation technology (U)	1976
19770089739	Engineering design handbook vulnerability of communication-electronic and electro-optical systems (except guided missiles) to electronic warfare series. Part 4: Electronic warfare vulnerability of avionics (U)	1976
19770089740	Engineering design handbook vulnerability of communication-electronic and electro-optical systems (except guided missiles) to electronic warfare series. Part 5: Optical/electronic warfare vulnerability of electro-optic systems (U)	1976
19770089741	Engineering design handbook vulnerability of communication-electronic and electro-optical systems (except guided missiles) to electronic warfare series. Part 6: Electronic warfare vulnerability of satellite communications(U)	1976
19770089743	Avionics bench preflight, and flight test instructions for recognition set AN/ASX-2 (U)	1976
19770089755	An electromagnetic compatibility analysis of four proposed earth station sites in the Federal Republic of Germany (U)	1976
19770089757	Spread spectrum study (U)	1976
19770089760	An advanced technology anti-SLBM concept (U)	1976
19770089766	Circuit breaker, environmental tests on fuses and circuit protective devices, circuit breaker	1976
19770089768	Expendable pulse TWT development, phase 2	1976
19770089769	ERSCAN module qualification test report	1976
19770089770	Standard electronic module qualification test report	1976
19770089771	Standard electronic module program quality assurance activity test report	1976
19770089773	Manufacturing methods and technology measure for improved 18mm microchannel plates with solid border-phase 2	1976
19770089774	The advanced charge coupled mosaic program	1976
19770089775	GaAs Schottky-Read diodes	1976
19770089776	Radiation and thermally hardened switching materials for devices	1976
19770089784	IBCFA attenuator for improved stability	1976
19770089785	Capacitor study	1976
19770089792	Evaluation of SEGMAG and superconducting electrical transmission systems for destroyers	1976
19770089793	Wide bandwidth liquid crystal light wave development	1976
19770089801	Nose-tip and heat-shield tests in the Hip arc heater facility	1976
19770089802	AFT inlet/hypermixing ejector technology program	1976
19770089807	Record unit for a PCM/VTR record/reproduce system	1976
19770089808	Photographic ranging measurements for Teal Ruby	1976
19770089809	Instructions for service and repair of gyroscopic theodolites Gi-B1 and Gi-B2 manufactured by MOM	1976
19770089811	Computer solutions to heat and diffraction equations in high energy laser windows, volume 1	1976
19770089812	Computer solutions to heat and diffraction equations in high energy laser windows, volume 2	1976
19770089814	Ladar device characterization	1976
19770089815	Design and development of a compact pressure recovery/scrubber system for chemical lasers	1976
19770089816	Operational test II of handheld laser rangefinder, AN/GUS-5	1976
19770089817	Vortex stabilized dye laser	1976
19770089819	Prototype air defense designator	1976
19770089820	Advanced 2-5 micron chemical laser	1976
19770089821	Chemical laser ejector demonstration	1976
19770089822	The development of antireflective thin films for polycrystalline alkali halide laser window materials	1976
19770089824	Chemical laser solid fuels program	1976
19770089826	Alkali halide materials for high-power, infrared laser windows	1976
19770089828	Smoke transmission characteristics of a 10-micrometer wavelength laser beam	1976
19770089830	Atmospheric distortions of laser signals. Volume 2: Descriptions and listings of computer programs	1976
19770089833	Navy technical evaluation of A-4M ECP-1120 airplane (laser spot tracker evaluation) (U)	1976
19770089837	Advanced laser applications study (U)	1976
19770089842	Material interactions with high power CW 3.8 micrometer laser radiation (U)	1976
19770089853	Reciprocating-work saw for electronic materials	1976
19770089854	Quasi-static tensile stress strain curves--II, rolled homogeneous armor	1976
19770089855	Laboratory examination of vibration induced by friction of water-lubricated compliant-layer bearings	1976
19770089856	Trapped ball material development	1976
19770089857	Examination of hydrogen flakes on fracture surface of an HY-80 transverse weld tension specimen	1976
19770089858	Advanced aluminum weldbond manufacturing methods	1976
19770089860	Navy titan product support program, APU durability improvement	1976
19770089861	Evaluation of variable rate cooling methods and basic cooling system design for military tracked vehicles	1976
19770089862	Variable area low pressure turbine development (U)	1976
19770089863	Literature survey of hypervelocity impact observables (U)	1976
19770089864	Parts, reliability, failure analysis, QA screening, wet slug tantalum capacitors	1976
19770089868	Response of fused silica to stress wave loading	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089870	Experience in 1:2000 topographic mapping of mining areas	1976
19770089872	Development test 3 of generator set, 10-KW, 60-hertz, air-cooled, diesel-engine-driven	1976
19770089873	Development test 3 of generator set, 5-KW, 60-hertz, air-cooled, diesel-engine-driven	1976
19770089874	South Africa: Future energy prospects with emphasis on shale oils as an energy resource	1976
19770089877	Development of atmospheric and ionospheric modeling	1976
19770089878	Near IR emission and atmospheric transmission phenomena of flames. Part A: Theoretical study	1976
19770089888	Evaluation of HGU-35/P helmet system	1976
19770089890	Test and evaluating of the A/M32C-17 air conditioner	1976
19770089891	Applicability of computerized accommodated percentage evaluation (CAPE) to clothing variables	1976
19770089893	Development test 2, desert environmental phase, of Modular Collective Protection Equipment (MCPE)	1976
19770089898	H6000 remote terminal I/O monitoring data reduction programs: User's manual	1976
19770089899	Cross-tie memory study for GFY76 detectors, array design, test design, manufacturability, and theoretical investigations	1976
19770089900	High-speed curve and surface representation on graphic displays	1976
19770089902	The (31,15) Reed-Solomon encoder decoder breadboard development	1976
19770089905	Study, standard airborne computer (AN/AYK-14(V)/HARM WCM compatibility (U)	1976
19770089907	CIRCUS-2: A digital computer program for transient analysis of electronic circuits. Volume 1: User's guide	1976
19770089908	CIRCUS-2: A digital computer program for transient analysis of electronic circuits. Volume 2: Program manual	1976
19770089909	CIRCUS-2: A digital computer program for transient analysis of electronic circuits. Volume 3: Computer test procedures	1976
19770089910	State estimation of maneuvering vehicles via Kalman filtering	1976
19770089911	FAUNET: A program package for evaluation of fault trees and networks	1976
19770089913	Process design methodology users manual, revision B	1976
19770089915	The design, testing, and evaluation of computer software for analysis of CIRC designated items data	1976
19770089919	Strategic technology (U)	1976
19770089920	Strategic technology (U)	1976
19770089926	Equivalent electromagnetic/acoustic formulations developed from the theory of elasticity	1976
19770089927	CPA theory of the magnetization in rare earth transition metal alloys	1976
19770089931	Sound speed profiles for the North Atlantic Ocean	1976
19770089934	Acoustic studies from an ice floe in the Chukchi Sea in April 1975	1976
19770089939	Investigation of long-lived collision complexes during the scattering of atomic and molecular hydrogen in noble gases and carbon tetrafluoride	1976
19770089940	Preliminary Infrared Radiation Emissions Predictions (PIREP). Volume 1: Description	1976
19770089941	Preliminary Infrared Radiation Emissions Prediction (PIREP). Volume 2: User manual	1976
19770089942	AF AIM-9/BQM IR evaluation (Scorcher)	1976
19770089945	The degradation of mirror Bidirectional Reflectance Distribution Function (BRDF) by particulate contamination	1976
19770089947	Radiation damage in electrooptical systems	1976
19770089948	A study leading to improvements in radiation focusing and control in infrared sensors	1976
19770089956	Assessment of adequacy of current UV data base (U)	1976
19770089958	Medium range optical systems study (MROSS) (U)	1976
19770089961	Studies and code development for high temperature plasmas	1976
19770089962	Some investigations of the ion acoustic wave problem in collisionless plasmas	1976
19770089964	Ionizing radiation effects in MOS and CMOS devices	1976
19770089965	Study of conduction and electrical breakdown of dielectric liquids	1976
19770089966	Electromagnetic finite elements from variational principles	1976
19770089967	Semiconductor failure model study	1976
19770089968	ASEE-NASA Summer Faculty Fellowship Program 1976	1976
19770089969	NASA/ASEE Summer Faculty Fellowship Research Program	1976
19770089970	Instrumentation development of prototype range management control system	1976
19770089976	Operational testing of a system for solid waste to energy conversion	1976
19770089978	Index of Naval Air Systems Command aircraft, missiles, rockets and their propulsion systems	1976
19770089981	A digital computer program for the subsonic flow past turbomachine blades using a matrix method	1976
19770089982	Three-dimensional, finite element lifting surface computer program, its utilization and underlying theory	1976
19770089983	Analysis of unsteady pressures from missile model wind tunnel tests	1976
19770089984	Gun launched guided projectile aerodynamic configuration design study, wing control missiles, volume 2	1976
19770089987	Design of parachute component materials from Kevlar 29 and 49	1976
19770089992	EC-135 EMP assessment program, UHF radio navigation system AN/ARN-72 system description	1976
19770089994	Position Location System (PLS) interface 1, instrumentation development project	1976
19770089995	RDS-2, airborne radio rangefinder	1976
19770089998	Monitor and evaluation of the CH-46E Doppler/Omega navigation system (limited flight trial of the Bayshore Systems Corporation model UPS-190A active antenna system)	1976
19770090000	Advanced metallic air vehicle structure program	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090001	Single versus twin-engine fighter/attack aircraft attrition analysis. Volume 1: Executive summary	1976
19770090002	Single versus twin-engine fighter/attack aircraft attrition analysis. Volume 3: Peacetime data analysis	1976
19770090003	Ground vibration testing of fighter aircraft with active control systems, volume 1	1976
19770090004	Ground vibration testing of fighter aircraft with active control systems. Volume 2: Appendices 1-14	1976
19770090005	Ground vibration testing of fighter aircraft with active control systems. Volume 3: Appendices 15-26	1976
19770090006	Ground vibration testing of fighter aircraft with active control systems. Volume 4: Appendices 27-50	1976
19770090007	Development of the variable camber system for a supercritical wing	1976
19770090008	M61A1 gun servo design	1976
19770090009	ASOP-3: A program for the minimum-weight design of structures subjected to strength and deflection constraints	1976
19770090012	Accelerated load test of partially filled AERO-1D external fuel tank	1976
19770090018	Marquardt A-4 Ram Air Turbine (RAT) blade modification	1976
19770090019	Product support program: Air turbine starters, air control valves	1976
19770090021	IR and D technical plan, fiscal year 1977	1976
19770090022	Prediction and verification of aircraft flight control system life cycle costs. Volume 2: Computer program users manual	1976
19770090023	Prediction and verification of aircraft flight control system life cycle costs. Volume 1: Cost prediction methods development and application	1976
19770090024	A-7D Digital multimode flight control system flight test and weapon delivery evaluation	1976
19770090026	Test plan, undergraduate pilot training-instrument flight simulator(UPT-IFS)operational test and evaluation	1976
19770090038	Peculiar ground support equipment and containers for AGM/RGM/UGM-84A/B harpoon missiles	1976
19770090040	RCA-B/Delta Launch	1976
19770090041	Definition study for the conceptual design of stratospheric aerosol experiment (SAM II) for Nimbus-G spacecraft	1976
19770090042	Pre-Mars orbit inspection and landing mission operation report: Viking program	1976
19770090046	Titan 2 Reliability and Aging Surveillance Program (RASP)	1976
19770090049	A joint US/UK assessment of a solid state star sensing system for daylight astronavigation	1976
19770090052	Aeroballistic design optimization study for an air defense projectile	1976
19770090053	Gun launched guided projectile aerodynamic configuration design study, wing control missile, volume 1	1976
19770090057	JANNAF 9th Plume Technology Meeting	1976
19770090058	Use of viscous nozzle flow program and the method of characteristics: Plume program to predict plume expansion in the back flow region for small thrusters	1976
19770090059	Computational Study of Chemical Nonequilibrium Rocket Plume Behavior in the Troposphere	1976
19770090060	Calculation of low altitude in-flight rocket exhaust plume properties	1976
19770090061	Second-order calculation of turbulent reacting exhaust plumes	1976
19770090062	A model of afterburning rocket exhaust plumes including lateral pressure gradients	1976
19770090063	A coupled nozzle flow and boundary layer solution with generalized kinetics	1976
19770090064	Viscous flows of multi-phase chemically reacting fluids	1976
19770090065	Interpretation of IR radiation plume data on subscale kerosene/O2 rocket motors	1976
19770090066	Line correlation effects in plume emission	1976
19770090067	Exhaust plume radiation between 0.3 and 14 microns	1976
19770090068	Rocket exhaust plumes and explosive releases in the upper atmosphere	1976
19770090069	A model of flare plume combustion and radiation	1976
19770090070	Chemical interpretation of suppression of missile plume afterburning by chemical agents	1976
19770090071	Analysis and correlation of the gasdynamic and radiative exhaust plume properties obtained in the emitted radiation from special engines test program	1976
19770090072	NOx deposition in the stratosphere by the space shuttle solid rocket motors	1976
19770090073	Contamination Measurements for a 0.1 LB Sub F Monopropellant Thruster	1976
19770090074	Contamination predictions for a 0.1 LBF monopropellant thruster	1976
19770090075	Analysis of the radar cross section of rocket plumes	1976
19770090076	The space shuttle vehicle base thermal environment scale model test and analytical evaluation	1976
19770090077	Plume properties	1976
19770090081	Mass production techniques for composite rocket motor components	1976
19770090083	Survey of engineering and impact damage test data for composite materials	1976
19770090084	Development of metal carbide composites for nosetips	1976
19770090085	Response of compression loaded graphite epoxy laminates to laser energy	1976
19770090087	Heatshield materials erosion at hypersonic velocities. Volume 3: Particle-type experimental results	1976
19770090089	Superalloy weld filler alloy development	1976
19770090090	Melt diagrams of ultra-refractory oxides	1976
19770090091	The effect of the cooling rate in the thermomechanical treatment of deeply hard enable steels in forging and pressing shop conditions	1976
19770090092	High speed steels with low carbon contents	1976
19770090098	Development of stitch-bonding technology	1976
19770090099	Exploratory development on the synthesis of intermediates required for high-temperature stable polymers (synthesis of monomers and polymers for evaluation)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090100	New elastomeric polymers and specialty chemicals	1976
19770090102	Density changes in E-glass, cross-ply; S-glass, cross-ply, and S-glass, unidirectional epoxy composites	1976
19770090104	13th JANNAF Combustion Meeting	1976
19770090105	Workshop report on nitramine gun propellant combustion	1976
19770090106	Results of recent theoretical and experimental studies of nitramine gun propellant performance	1976
19770090107	Burning rates of standard army propellants in strand burner and closed chamber tests	1976
19770090108	Temperature sensitivity of deflagration rates of cyclotetramethylenetetranitramine (HMX)	1976
19770090109	Calculated combustion characteristics of nitramine monopropellants	1976
19770090110	Relationship of nitramine combustion phenomena and chemical structure	1976
19770090111	Nitramine propellant research	1976
19770090112	Diagnostic investigation of liquid propellant gun ignition and combustion phenomena	1976
19770090113	The super pressure combustor: A ballistics simulator	1976
19770090114	Liquid propellant burning rate measurement techniques	1976
19770090115	Pyrotechnic primer design for liquid propellant guns	1976
19770090116	A theoretical model for the equation of state for the system carbon dioxide and water	1976
19770090117	A summary of the JANNAF workshop on theoretical modeling and experimental measurements of the combustion and fluid flow processes in gun propellant charges	1976
19770090118	Comparison of predictions of three two-phase flow codes	1976
19770090119	Steady deflagration of double-base propellants at elevated pressures	1976
19770090120	Gas-phase ignition in a closed chamber: Preliminary numerical results	1976
19770090121	A quasi-one-dimensional two phase flow model of interior ballistics: Towards the universal gun code	1976
19770090122	An assessment of the compression enhancement model for the steady deflagration of double-base propellants at high pressures	1976
19770090123	The role of ignition and combustion in gun propulsion: A survey of developmental efforts	1976
19770090124	Key design parameters in controlling gun-environment pressure wave phenomena-theory versus experiment	1976
19770090125	Grain geometry effects on wave dynamics in large caliber guns	1976
19770090126	Comparative burning rate study	1976
19770090127	Black powder and clean burning igniter ignition train studies	1976
19770090128	The ignition characteristics of standard nitrocelluloses	1976
19770090129	A consumable, tubeless igniter for gun pressure wave reduction and improved ignition	1976
19770090130	High pressure and high temperature gas-metal interactions	1976
19770090131	13th JANNAF Combustion Meeting	1976
19770090132	Control of solids distribution. 1: Ballistics of non-aluminized HTPB propellants	1976
19770090133	Control of solids distribution. 2: The effect of aluminum addition on HTPB propellant burn rate	1976
19770090134	The effect of strain on the burning rates of high energy solid propellants	1976
19770090135	Solid rocket motor performance prediction	1976
19770090136	Improved modeling of ballistics for nozzleless rockets	1976
19770090137	Status of velocity coupling	1976
19770090138	Measurement of propellant response at high frequency	1976
19770090139	Measurements of the response factors of burning solid propellants by the driven tube method	1976
19770090140	Measurements of interactions between acoustic fields and non-uniform flow fields	1976
19770090141	Comparison of the Minuteman 3, stage 3, rocket nozzle damping characteristics measured using different experimental techniques	1976
19770090142	Combustion instability studies using metallized solid propellants: Additional experimental evidence for the validity of particle damping theory	1976
19770090143	Combustion stability predictions for space shuttle solid propellant rocket motors	1976
19770090144	Combustion instability in Navy rockets, revisited	1976
19770090145	Solid motor pulsing for evaluating combustion stability characteristics	1976
19770090146	Statistical analysis of polydisperse, heterogeneous propellant combustion: Nonsteady-state	1976
19770090147	Investigation of the pressure-and-velocity coupled response of a solid propellant using a reacting boundary layer model	1976
19770090148	Nonlinear analysis of combustion instability in solid propellant rocket motors and T-burners	1976
19770090149	A three-dimensional finite element code for combustion instability prediction	1976
19770090150	Probe measurements in flames	1976
19770090151	Emission and absorption spectroscopic measurements in flames	1976
19770090152	Combustion calculations for composite solid propellants	1976
19770090153	Statistical analysis of polydisperse, heterogeneous propellant combustion: Steady-state	1976
19770090154	Combustion of nonaluminized heterogeneous ammonium perchlorate propellants	1976
19770090155	Temperature sensitivity of composite propellants	1976
19770090156	A preliminary investigation of velocity-coupled erosive burning	1976
19770090157	Erosive burning of composite propellants	1976
19770090158	Erosive burning of nonmetallized composite propellants: Data acquisition and analysis	1976
19770090159	Summary report on JANNAF Workshop on Behavior of Aluminum in Solid Propellant Combustion	1976
19770090160	Method to test adhesion of aluminum particles during subignition heating dependence of adhesion on particle properties	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090161	The effect of plasticizer on the agglomeration of aluminum during the combustion of high energy propellants	1976
19770090162	Prediction of burning rate of aluminum in solid rocket motors	1976
19770090163	13th JANNAF Combustion Meeting	1976
19770090164	Criteria for assessment of analytical models for liquid rocket performance and stability	1976
19770090165	Assessment of analytical combustion models: Preliminary application of the criteria (panel discussion - Mini-workshop)	1976
19770090166	Current Problems in Liquid Propellant Combustion Technology	1976
19770090167	Effects of additives of heterogeneous combustion and explosion	1976
19770090168	Molecular beam sampling of liquid rocket engine exhaust	1976
19770090169	Standardized distributed energy release computer program	1976
19770090170	Engine hydraulic stability	1976
19770090171	Combustion response of monopropellant drops and sprays	1976
19770090172	Experimental determination of rocket injector response factors under reactive conditions	1976
19770090173	Pressure and velocity sensitive feedback mechanisms and their importance to self-sustained unsteady liquid propellant combustion	1976
19770090174	Wave distortion effects on vaporization limited combustion stability	1976
19770090175	Workshop Report: Fundamental experiments on dump combustors	1976
19770090176	Effect of system design and operational environment on the combustion behavior in solid fuel ramjets	1976
19770090177	Investigation of step fuel injectors for an integrated modular scramjet engine	1976
19770090178	Development of a fiber glass reinforced silicone insulation line for ramjet application	1976
19770090179	Feasibility of a smooth burning, volume-limited dump combustor	1976
19770090180	Modeling solid fuel ramjet combustion	1976
19770090181	Turbulent axisymmetric base flow studies for external burning propulsion	1976
19770090182	Experimental studies of combustion processes in solid fueled ramjets	1976
19770090183	Characterization of sudden-expansion dump combustor flowfields	1976
19770090184	Laser performance with advanced reactants	1976
19770090185	A versatile combustion system for an HF/DF chemical laser	1976
19770090186	Gas dynamic laser combustor stability	1976
19770090187	Some problems of combustion dynamics associated with the CS ₂ /O ₂ system used as the basis for a chemical laser	1976
19770090188	Solid gas generators for chemical lasers	1976
19770090189	Combustion behavior of FAFB systems	1976
19770090190	Solid-fueled generator for fluorinated gases	1976
19770090191	Synthesis of NF ₄ BF ₄	1976
19770090192	Screening model of solid gas generator sources for laser reactants	1976
19770090193	Chemical pump for a chemical laser - Theoretical modeling and comparisons with experimental results	1976
19770090194	Chemical pump reaction kinetics: Heterogeneous reactions of calcium with hydrogen, nitrogen and hydrogen fluoride	1976
19770090195	The investigation of the secondary calcium chemical pump reactions	1976
19770090196	Mathematical modeling of fluid reactant supply systems for chemical lasers	1976
19770090197	Bulletin of the 7th JANNAF Propellant Characterization Meeting	1976
19770090198	Evaluation of single base propellant stability by chemiluminescence	1976
19770090199	Development of a method of Gel Permeation Chromatography (GPC) for the analysis of cellulose nitrates	1976
19770090200	The thermal decomposition and chain degradation of cellulose nitrate at 134.5C	1976
19770090201	Application of analytical GPC and preparative GPC to studies of the thermal stability of trimesoyl-1-(2-ethyl) aziridine (BITA)	1976
19770090202	Analytical chemistry of a crosslinked double base propellant	1976
19770090203	Influence of solids distribution on the slurry viscosity of HTPB composite propellants	1976
19770090204	Determination of the curing rate of polyurethane propellant binders	1976
19770090205	Semimicro determination of hydroxy and amino compounds using pyromellitic dianhydride	1976
19770090206	High frequency burner combustion test techniques	1976
19770090209	Manufacturing methods and technology for closed cycle cryogenic coolers. Volume 3: Quality control manual	1976
19770090210	PHM hullborne wave-induced motions, a comparison of predictions with model test measurements	1976
19770090211	The influence of hull, foil and control parameters on hydrofoil hullborne seaworthiness	1976
19770090212	Radar cross section calculations, part 1	1976
19770090213	Radar cross section calculations, part 2	1976
19770090214	Low cost attack radar analysis and evaluation	1976
19770090220	Influence of two types of failures in the phasing system on the emission characteristics of phased array antennas	1976
19770090221	Flame radar scattering experiment	1976
19770090222	Low radar cross section advanced composite engine inlet movable ramp. Volume 1: Requirements and trade-off evaluation	1976
19770090223	Close-in, low-altitude, self-consistent pulse	1976
19770090235	Electrical power sources division	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090236	Transient temperature rise in film	1976
19770090237	Gas-filled series spark gaps for ignition systems	1976
19770090241	Development of a 1093 C (2000F) prototype accelerometer	1976
19770090248	Inertially stabilized fine steering mechanism	1976
19770090250	Hazard evaluation of prototype laser rangefinder of the XM-1 tank candidate system of General Motors	1976
19770090251	Hazard evaluation of the laser rangefinder of the XM-1 tank candidate system of Chrysler Corporation, April 1976	1976
19770090252	Laser effects simulation and testing requirements. Part 1: Simulation guidelines	1976
19770090256	Test plan for land-based evaluation of turbine pump ejection system Mk 17 mod 0	1976
19770090257	Transport container-DERACON (transcontainer DERACON)	1976
19770090262	Study of electrical power generation from the wind with small scale plants at Navy remote sites	1976
19770090263	Problems of direct conversion of heat and nuclear energy into electricity	1976
19770090266	Fourth order modifications to the fleet numerical weather central Northern Hemisphere primitive equation model	1976
19770090267	Monthly bulletin, Canadian upper air data, July 1976	1976
19770090270	Low cost aircraft definition study. Phase 2: Conceptual design	1976
19770090271	Low-cost aircraft definition study. Phase 1: Tasks 1 and 2	1976
19770090274	Standardization of protective goggles	1976
19770090287	Probability distribution associated with m on n aerial duels	1976
19770090292	Delay of auditory localization in transit-time and intensity-stereophonics	1976
19770090293	Hydrophone calibration by the substitution method using pseudo-Gaussian white noise	1976
19770090302	Thermodynamic studies of gas and gas liquid cycles of nuclear power plants run on dissociating mixtures	1976
19770090306	Relationship between cost and schedule risk	1976
19770090309	Theoretical comparison between a staggered and a lumped inspection procedure	1976
19770090310	Evaluation of personnel and training requirements for the navy EA-6B ICAP aircraft (U)	1976
19770090313	Theoretical study of the filling process of a flexible parachute payload system	1976
19770090314	Jet flap duct flow investigation	1976
19770090317	Aerodynamic characteristics of an airbreathing advanced long range air-to-air missile in the transonic speed range (U)	1976
19770090323	Military specifications for an armored airborne weapons carrier (U)	1976
19770090327	Required Operational Capability (ROC) number INT 1.07, Airborne Radio Direction-Finding system (ARDF) (U)	1976
19770090330	RAMA COIN preliminary design (U)	1976
19770090331	Over-water flight trials of a Doppler navigation system	1976
19770090342	Fairing development program for an airborne pod with rear mounted ram air turbine	1976
19770090344	Advanced attack helicopter operational test 1 (AAH OT I)	1976
19770090346	A literature review of the relation of pilot workload and performance to television display utilization for landing remotely piloted vehicles	1976
19770090349	A time phased parametric life cycle cost model for army helicopters	1976
19770090350	Hover trials of Dornier Aerodyne RPV (U)	1976
19770090351	Experimental and analytical study of surface pressure on two advanced manned interceptor configurations at supersonic speeds (U)	1976
19770090352	F-15A follow-on operational test and evaluation. Annex D. Routine operations evaluation (U)	1976
19770090353	Definition and analysis of the MF-5A air-launched micro-fighter configuration (U)	1976
19770090354	Flight fidelity evaluation of the aerodynamic update of the F-14A (operational flight trainer device 2 F95) (U)	1976
19770090356	Performance evaluation of the F-14B aircraft with JTF22A-26A, JTF22A-26C, and JTF22A-26X engines (U)	1976
19770090357	Vulnerability assessment for the auxiliary power unit. Volume 1: Assessment summary (U)	1976
19770090358	Vulnerability assessment for low range radio altimeter. Volume 1: Vulnerability assessment summary (U)	1976
19770090359	Vulnerability assessment for fire detection system. Volume 3: Analysis data (U)	1976
19770090360	Vulnerability assessment for landing gear position indicating and warning system. Volume 1: Vulnerability assessment summary (U)	1976
19770090362	The F-15A follow-on operational test and evaluation. Annex G: Manpower evaluation (U)	1976
19770090363	The F-15A follow-on operational test and evaluation. Annex C: Air-to-ground evaluation (U)	1976
19770090367	Vulnerability assessment for AN/UGC-75(V)1 teletypewriter set. Volume 1: Vulnerability assessment summary (U)	1976
19770090368	Vulnerability assessment for AN/UGC-75(V)1 teletypewriter set. Volume 3: Analysis data (U)	1976
19770090369	Vulnerability assessment for Micor T43RTN-1190A radio system. Volume 1: Vulnerability assessment summary (U)	1976
19770090370	Vulnerability assessment for micor T43RTN-1190A radio system. Volume 3: Analysis data (U)	1976
19770090371	Vulnerability assessment for md-701B autodin modem. Volume 1: Vulnerability assessment summary (U)	1976
19770090372	Vulnerability assessment for MD-701B autodin modem. Volume 3: Analysis data (U)	1976
19770090378	Vulnerability assessment for autopilot/flight director system. Volume 1: Vulnerability assessment summary (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090379	Vulnerability assessment for autopilot/flight director system. Volume 3: Autopilot accessory boxes, analysis data (U)	1976
19770090380	Vulnerability assessment for autopilot/flight director system. Volume 4: Landing control and logic unit, analysis data (U)	1976
19770090381	Vulnerability assessment for autopilot/flight director system. Volume 5: Mode select panel, analysis data (U)	1976
19770090384	Evaluation of modified avionics systems in the FY74 SH-3H helicopter (U)	1976
19770090390	LSI 400 ampere dc starter-generator qualification	1976
19770090392	Analytical specification of propeller blade-surface geometry	1976
19770090393	Advanced inlet-engine matching technology. Volume 1: Aircraft-mission analysis	1976
19770090394	Advanced inlet-engine matching technology. Volume 2: High-flow inlet wind tunnel test results	1976
19770090395	Turboshaft exhaust plume infrared radiation reduction, appendices 2-3 (U)	1976
19770090396	Modern ramjet engine fuel management subsystem. Task I (U)	1976
19770090397	Pegasus engine options for AV-8B aircraft (U)	1976
19770090398	Pegasus nozzle drive and engine mount evaluation for the Pegasus 11 engine (F.402-RR-402). Pegasus for AV-8B reliability and maintainability review and preliminary Maurer factor study (U)	1976
19770090399	Engine definition and support for YAV-8B flight demonstration programme (U)	1976
19770090400	Turbofan engine technology demonstrator program. Detailed research and development program (U)	1976
19770090406	Fighter CCV phase 2 report - detail design	1976
19770090408	The RPE stress wave emission monitoring facility	1976
19770090415	Advanced space systems concepts and their orbital support needs (1980-2000). Volume 5: Military applications (U)	1976
19770090416	Technology assessment and new opportunities, study 2.3. Volume 2, part 3: Technology assessment for DoD space programs (continued) (U)	1976
19770090417	Technology assessment and new opportunities, study 2.3. Volume 1: Executive summary (U)	1976
19770090419	Technology assessment and new opportunities, study 2.3. Volume 2, part 2: Technology assessment for DoD space programs (U)	1976
19770090424	Response of rectangular liquid shelters containing in-place missile launcher platforms to airblast overpressure environments	1976
19770090436	Maverick hardware in the loop simulation	1976
19770090439	Image guided projectile	1976
19770090449	A surface-to-air missile engagement model: SAMEX 1 (U)	1976
19770090450	Army pointing and tracking test methodology (U)	1976
19770090451	External launch feasibility study of encapsulated HARPOON and MOSS (U)	1976
19770090453	Required Operational Capability (ROC) SPA 1.04, 8-inch, semiactive, laser-guided projectile (U)	1976
19770090467	Aerodynamic characteristics of an airbreathing medium range air-to-air missile configuration in the transonic speed range (U)	1976
19770090472	Fire-and-forget missile system seeker evaluation, volume 2, appendix 9 (U)	1976
19770090473	Minuteman flight analysis report. Volume 1: Basic performance, LGM-30F operational test phase 2 program, launch 29 FTM, 2273, glory trip 129M, WS-133AM (U)	1976
19770090476	Advanced Strategic Air Launched Missile (ASALM) ranging program (U)	1976
19770090479	The electromagnetic environment of the sidewinder missile. Volume 1: Appendixes A-E (U)	1976
19770090480	The electromagnetic environment of the sidewinder missile. Volume 2: Appendixes F-J (U)	1976
19770090493	Improved HAWK ARM aeroballistics effort January 1975 - May 1976 (U)	1976
19770090516	Evaluation of ship shock design spectra for the harpoon missile (U)	1976
19770090526	Static test of XM-105-S/N-L-573 and XM-106-S/N-L-265	1976
19770090527	Ovality and environmental simulation tests on the improved HAWK exit cone liner	1976
19770090528	Demonstration verification of an improved maverick rocket motor (U)	1976
19770090529	UV observations of high altitude missile plumes (U)	1976
19770090532	High temperature materials	1976
19770090533	Carbon-carbon-instrumentation technology program	1976
19770090534	Evaluation of aerothermal ablation and rain erosion results for plastic radome materials tested on sleds at Mach 5	1976
19770090536	Use of carbon fibers as a plasma-generating material	1976
19770090537	Non-linear materials for satellite applications (U)	1976
19770090541	Reactions of halogenated hydrocarbons in the acid scrubber of the Mark V CO/H ₂ burner (U)	1976
19770090542	Modified NM: An improved liquid binary VX reactant (U)	1976
19770090547	Application of aluminum alloys in aircraft design, chapter 4	1976
19770090548	The nature of metal fatigue	1976
19770090549	Comparative study of the oxidation of zirconium, hafnium, titanium diborides	1976
19770090551	Effect of the method of thermal treatment on the structure and properties of high-tensile structural steel	1976
19770090555	Sitallurgy is born	1976
19770090557	Polymeric systems which expand on polymerization for use in high strength composites	1976
19770090572	HMX propellant combustion studies, phase 1	1976
19770090574	Development of a high performance nonhypergolic bipropellant gun system (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090588	Manufacturing methods and technology for closed cycle cryogenic coolers, volume 1	1976
19770090589	Manufacturing methods and technology for closed cycle cryogenic coolers. Volume 2: Process specification	1976
19770090593	Design analysis for implementation of polarization agility with target recognition	1976
19770090596	Space communications	1976
19770090605	Mid-course guidance in a cooperative retransmission guidance system	1976
19770090609	Detection of induced pulses in proportional wire devices with resistive cathodes	1976
19770090612	Height finder evaluation report 778th radar squadron (SAGE) Havre Air Force Station, Montana (Z-25) (U)	1976
19770090615	Homing/jamming gliding canopy (U)	1976
19770090616	Extension of the AN/TPQ-37 radar range with upleg/downleg projectile tracking (U)	1976
19770090618	Exploratory development model of an EW RF signal storage and payback recorder (U)	1976
19770090619	K510M tracker evaluation, volume 2 (U)	1976
19770090621	Aimpoint processor for quantizing radar target aimpoint data from video tapes (U)	1976
19770090622	Real-time radar image processing (U)	1976
19770090623	Moving target investigation (U)	1976
19770090625	Radar cross section, glint and jet engine modulation measurements on a full scale and scale model F-102 aircraft (U)	1976
19770090626	Guard bands and hardware modifications for RFI reduction in AN/WSC-3 and AN/SSR-1 satellite communications units (U)	1976
19770090627	Receiver desensitization of the AN/SSR-1 satellite communications receiver (U)	1976
19770090628	Performance of the AN/WSC-3 and AN/SSR-1 satellite communications units in the presence of pulsed radar noise (U)	1976
19770090630	Vulnerability reduction of the radio repeater set AN/TRC-138 to conventional weapons using lightweight armors (U)	1976
19770090633	BMDTP MSR meck mission report mission WTR-4943 (U)	1976
19770090634	HOWLS airborne radars applications study (U)	1976
19770090639	Performance evaluation of warning radar element configurations. Volume 1: Executive summary (U)	1976
19770090640	Performance evaluation of warning radar element configurations, volume 2 (U)	1976
19770090641	Performance evaluation of warning radar element configurations. Volume 3: Appendix A (U)	1976
19770090643	Spot noise jamming effects on the FLAMR (Forward Looking Advanced Multimode Radar) Doppler-beam-sharpened mapping mode (U)	1976
19770090649	IFF CW flight test (U)	1976
19770090666	Hardened dome antenna study (U)	1976
19770090676	Exercise POLO HAT 76-2 evaluation report (U)	1976
19770090679	Thermodynamic improvements in LH2 turbopumps	1976
19770090688	Intermittency test on JANTX 1N4148 diodes manufactured by ITT	1976
19770090689	Read double drift and other improved avalanche structures	1976
19770090692	Reliability of parts in electronics	1976
19770090694	Standard electronic module qualification test report	1976
19770090704	Conformal coating/potting material replacement and Scotchcast YR5088 cracking investigation for Lance Adaptation Kit M238	1976
19770090720	Production assessment test report on transformers, pulse, NOC, enclosed, 30-300 KHz	1976
19770090725	The 18mm third-generation tube development (U)	1976
19770090726	Cathode driven CFA (U)	1976
19770090727	Traveling Wave Tube Amplifier (TWTA) module development (U)	1976
19770090728	Development of high detection efficiency microchannel plate (U)	1976
19770090730	Evaluation of the AN/ALQ-153(V) tail warning set (ground test phase) (U)	1976
19770090731	Evaluation of the AN/ALQ-154(V) tail warning set (ground test phase) (U)	1976
19770090738	Investigation of heat transfer by corona wind from a horizontal surface	1976
19770090739	Fundamental aspects of unconfined explosions, phase 2	1976
19770090740	Generation of internal waves by turbulence (U)	1976
19770090741	Heatshield materials single particle erosion testing (U)	1976
19770090742	Development of piezoresistive bar gage	1976
19770090746	Design and fabrication of hologram optical elements (U)	1976
19770090755	A comparison of laser threat warning and intelligence receivers (U)	1976
19770090757	Required Operational Capability (ROC) SPA 1.03, modular universal laser equipment (U)	1976
19770090759	Investigation of beamed energy concepts for propulsion: Laser generation systems. Volume 3 (U)	1976
19770090760	Navy HPL program (U)	1976
19770090761	Captive flight test results of a dual mode laser/infrared seeker for terminal guidance (U)	1976
19770090762	International laser system advanced development: Ground laser locator designator beam divergence (U)	1976
19770090764	BMDATC laser signature program survey: Atmospheric effects, environmental effects, updated BDR-LRCS information. Volume 1: Summary, conclusions and recommendations (U)	1976
19770090765	BMDATC laser signature program survey: Atmospheric effects, environmental effects, updated BDR-LRCS information. Volume 2: Tabulations of survey results (U)	1976
19770090767	Advanced laser requirements assessment, phase 2, Volume 2: Supporting analyses (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090774	Safe use of portable grinders: The effect of the diameter of the mounting flanges to the diameter of the wheel	1976
19770090777	Tropic testing of collapsible petroleum storage tanks	1976
19770090778	Investigation of theory and methods of fault diagnosis in diesel engines	1976
19770090784	Stress intensity factors for cracks at the edges of holes	1976
19770090785	A comparison of observed and predicted stresses in a pressurised test cell	1976
19770090786	Failure probability analysis of an elastic, transversely isotropic brittle cylinder subjected to combined axisymmetric thermal and pressure loading	1976
19770090787	Two methods for representing an elliptically symmetric antenna beam on a computer	1976
19770090796	Technology of large-scale aero-topographic surveys	1976
19770090800	TD and E of TACAIR maritime operations (U)	1976
19770090803	Putting the sun to work: Solar-powered equipment proving grounds in Moscow oblast	1976
19770090811	Monthly bulletin. Canadian upper air data, October 1976	1976
19770090812	Monthly bulletin. Canadian upper air data, September 1976	1976
19770090819	Effect of acoustic stimulation on the energy metabolism of the inner ear with special reference to glycogen metabolism	1976
19770090823	Test plan undergraduate pilot training-instrument flight simulator UPT-IFS follow-on operational test and evaluation	1976
19770090827	The effect of coolant flow rate on the performance of the liquid conditioned coverall	1976
19770090832	Clothed anthropometry - A selected review and initial studies: APRE Project 540	1976
19770090834	Pave spike/helmet-mounted sight (U)	1976
19770090835	Acoustic properties of headgear. 36: The Safety Supply Company 285 earmuffs and the Bilsom Military NFM-1 earmuffs (U)	1976
19770090840	Integrated test bed support software system study, phase 2	1976
19770090842	Validation of TECOM/ARMTE software methodology	1976
19770090853	Variations in the measured values of Noise-induced Temporary Threshold Shift (NI-TTS)	1976
19770090863	Requirement document for modifying the NS-001 infrared scanner to an 8-channel multispectral scanner	1976
19770090870	Quick-look report on (NO Project 434-OT-IIIB, initial operational test and evaluation of the A-7E FLIR (OPNAV report symbol 3960-12) (U)	1976
19770090871	Direct/indirect sight test (DISIT) (U)	1976
19770090873	Near IR emission and atmospheric transmission phenomena of flares. Part B: Experimental study (U)	1976
19770090875	Properties of photodetectors (photodetector series, 96th report). Data on three 8-element extrinsic silicon arrays (U)	1976
19770090876	Spectral distributions. 1: Visible spectrum of Mk 46 Mod 1A decoy flare (U)	1976
19770090878	Investigation of (Hg,Cd) Te infrared detectors fabricated for high-pressure furnace material (U)	1976
19770090880	Infrared spectra of jet aircraft fly-bys (A-4E, A-7, F-4J, F-8L, F-14A, and T-38) (U)	1976
19770090884	Optics technology measurements plan. Optics technology products requirements and issues (U)	1976
19770090886	Some considerations relating to the present situation in the field of simultaneous multi-element analysis of solutions	1976
19770090888	Advanced slit detectors	1976
19770090889	Remarks on crystalline conversions produced at high temperatures by sesquioxides of rare earth materials	1976
19770090895	Multicore superconducting material for technical use	1976
19770090900	Fiscal year 1978 Air Force Armament Laboratory technical objective document (U)	1976
19770090902	AFWL technical objective. Number 1: Nuclear weapons (U)	1976
19770090903	Research and development programs at the defense advanced research projects agency (U)	1976
19770090904	Air Force technical objective document (U)	1976
19770090905	Independent exploratory development (U)	1976
19770090906	Army Aviation RDT and E plan. Fifth edition, October 1976. Classified index (U)	1976
19770090907	Air Force Systems Command technology needs originated by Air Force laboratories (U)	1976
19770090950	Boron/aluminum blade impact improvement	1976
19770090951	A finite element Mach box procedure for flutter predictions of panels in three-dimensional supersonic unsteady potential flow	1976
19770090970	Parm concept verification program. Flight test vehicle fabrication and free flight test	1976
19770090974	Erosion hardened nosetips for improved accuracy re-entry vehicles	1976
19770090985	Technology for improving solid rocket motor reproducibility	1976
19770090991	Effect of high intensity radiation upon metals	1976
19770090992	Investigation of carbonyl-iron-based superhigh frequency absorbers	1976
19770090995	Development of improved aluminum alloy welding filler metals	1976
19770090996	Forming of metals and alloys	1976
19770090998	Changes in the structure and hardness of hot forging dies	1976
19770091000	Investigation of the thermal stress resistance of refractory ceramics	1976
19770091001	The creation of vapor-permeable adhesive joints shoes	1976
19770091003	Study of zirconia at high temperatures in excess of 2000 deg K	1976
19770091022	Navy command control and communications system design principles and concepts. Volume 8, appendix K: Architectural alternatives. Appendix L: Descriptions of R and D initiatives	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091023	Bi-static radar study, ground measurements program	1976
19770091024	Bi-static radar study, bistatic radar flight test program	1976
19770091029	Resolution and compression of signals	1976
19770091030	Receiving induction ferrite antennas	1976
19770091033	Millimeter semiactive guidance system analysis	1976
19770091035	Adaptive array antenna technology	1976
19770091037	Interpretation of electromagnetic soundings	1976
19770091043	Report of the Advisory Group on electron devices for 1976	1976
19770091048	Electro-mechanical timer development	1976
19770091063	Standard blocks of digital control systems on fluidic turbulence amplifiers	1976
19770091064	Preliminary design of a cryogenic radiator system	1976
19770091067	Investigations into the feasibility of high power laser window materials	1976
19770091072	Gas laser geodetic instruments	1976
19770091078	Steady state and transient operation of an ejector for a chemical laser cold flow mixing experiment	1976
19770091080	Electromobile: The vehicle of the near future	1976
19770091082	Turbine engine design investigation, part 2	1976
19770091083	Improved surface treatments for weldbonding aluminum	1976
19770091084	Tracked vehicle gas turbine engine combined programs. Volume 1: Engine system studies	1976
19770091085	Application of X-ray radiography to failure analysis and nondestructive examination electronic parts and assemblies	1976
19770091089	Nondestructive radiographic inspection of ceramic-chip capacitors for internal voids	1976
19770091092	Potential for application of new energy systems. Part 4: Central power supply systems	1976
19770091104	Automated Data Acquisition and Processing Technology (ADAPT)	1976
19770091106	Investigation of the process of jointing parts by means of ultrasound	1976
19770091110	The heating of the bearers of the charge in ferroelectric semiconductors	1976
19770091111	Life test of the General Electric vortex incinerator	1976
19770091116	Aviation and cosmonautics selected articles	1976
19770091119	Fin-stabilized projectiles	1976
19770091122	Aeroballistic range data analysis for nonsymmetric configurations	1976
19770091125	Rescue systems for the escape of helicopter crews from a helicopter while in flight: American and West German tests explore the technical possibilities	1976
19770091128	Utility Tactical Aircraft System Cost and Operational Effectiveness Study (UTTAS COEA). Volume 1: Executive summary (U)	1976
19770091129	Utility Tactical Transport Aircraft System Cost and Operational Effectiveness Analysis (UTTAS COEA). Volume 2: Main report (U)	1976
19770091130	Utility Tactical Transport Aircraft System Cost and Operational Effectiveness Analysis (UTTAS COEA). Volume 3, appendix 1: COEA administrative documentary and glossary (U)	1976
19770091131	Utility Tactical Transport Aircraft System Cost and Operational Effectiveness Analysis (UTTAS COEA). Volume 5A, appendix 4: Aircraft performance (U)	1976
19770091132	Utility Tactical Transport Aircraft System Cost and Operational Effectiveness Analysis (UTTAS COEA). Volume 5B, appendix 4: Aircraft performance (U)	1976
19770091133	Utility Tactical Transport Aircraft System Cost and Operational Effectiveness Study (UTTAS COEA). Volume 8, Appendix 10: Side analyses (U)	1976
19770091135	Utility Tactical Transport Aircraft System Cost and Operational Effectiveness Analysis (UTTAS COEA). Volume 6A, appendix 5: Survivability/vulnerability (U)	1976
19770091145	Impact of NAVSTAR GPS on submarine inertial systems (U)	1976
19770091197	AQM-34V Combat Angel update modification program	1976
19770091199	A-6E/TRAM system technical support (U)	1976
19770091200	DTC test 70-11, phase 1, subtest 3. Evaluation of delivery and assessment techniques for aircraft spray (simulant) systems (U)	1976
19770091204	Vulnerability assessment for low range radio altimeter. Volume 3: Analysis data (U)	1976
19770091205	Vulnerability assessment for ground safety relay (U)	1976
19770091222	Engineering evaluation of the EMP electronics, incorporated, P/N PS-293, 1000 VA single phase, static inverter	1976
19770091234	The effect of sonic boom exposure	1976
19770091269	The 1976 JANNAF Propulsion Meeting	1976
19770091270	Development of a 3d woven carbon/carbon combustor/nozzle assembly (U)	1976
19770091271	Design of a high performance Kevlar-R(a) epoxy rocket motor case for the MX upper stage program	1976
19770091272	Advanced interceptor propulsion subsystem design program (U)	1976
19770091273	Ultra high burning rate composite-modified double-base propellant (U)	1976
19770091274	Ultrahigh burning rate propellants, phase 1 (U)	1976
19770091275	Use of solid additives for very high burning rates (U)	1976
19770091276	Low cost RPV booster	1976
19770091277	Air-Launched low volume ramjet (ALVRJ) booster motor development and flight testing (U)	1976
19770091278	Service life studies for XLDB smokeless chaparral	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091279	Signature characterization of propellants (U)	1976
19770091280	The prediction of secondary smoke in solid rocket plumes	1976
19770091281	Crosslinked, composite modified, smokeless double base propellant burning rate control via metal wires (U)	1976
19770091282	A preliminary investigation of velocity-coupled erosive burning	1976
19770091283	The effect of Life cycle cost optimization on the General Support Rocket System (GSRS) propulsion system	1976
19770091284	Low cost motor demonstration	1976
19770091285	Quick cure propellants	1976
19770091286	Modern ramjet engine fuel control/engine integration testing (U)	1976
19770091287	Supersonic long range missile integration study (U)	1976
19770091288	Flight test results of the air-launched low volume ramjet missile (U)	1976
19770091289	Solid fuel ramjet combustor studies (U)	1976
19770091290	ASALM: Status of current program (U)	1976
19770091291	Development of the ASALM ramjet fuel management system (U)	1976
19770091292	Results of integral rocket/ramjet simulated flight testing in the conflow integration test facility (U)	1976
19770091293	Mission applications for the supersonic expendable turbine engine (U)	1976
19770091294	Development of the ALVRJ fuel management system and its continuing evolution	1976
19770091295	Control mode and implementation considerations for advanced integral rocket-ramjet fuel controls	1976
19770091296	A durable nozzle for long-burn-time high-performance solid motors	1976
19770091297	Space shuttle OMS tank long-G fluid dynamics	1976
19770091333	A depolarization and attenuation experiment using the COMSTAR and CTS satellites	1976
19770091338	Evaluation of REVMAT graphites in the 50 megawatt ablation facility	1976
19770091342	Analysis of STINGER alternate tracker performance (U)	1976
19770091343	Air-to-air weapons effectiveness evaluation (AIRVAL), AIM-7E-2 and AIM-7F missile simulation evaluation (U)	1976
19770091345	Five deg of freedom aerodynamic simulation of the AGM-65 Maverick missile (U)	1976
19770091405	Repair procedures for advanced composite structures. Volume 1: General study	1976
19770091406	Exploratory development and assessment of improved multidirectionally reinforced carbon-carbon composites, processed at pressures to 920 PSI	1976
19770091407	AFRPL graphite performance prediction program. Correlation studies of firing data used in the development of kinetic rate constants (U)	1976
19770091414	Research committee of technology relating to hydrogen	1976
19770091440	The mechanism underlying the reduction in strength of an intergranular bond during the development of reversible temper brittleness in steels	1976
19770091441	Thermal hardening of rolled material	1976
19770091442	Study of the processes of failure of laminated metallic materials	1976
19770091443	Effect of creative cooperation in metallurgical endeavors	1976
19770091444	Effect of diffusion metallization and heat treatment upon wear resistance of alloy VT-8	1976
19770091447	Inorganic and organosilicate platings selected articles	1976
19770091455	Phosphorylation of ternary macroporous copolymers	1976
19770091456	Protective effect of some organophosphorus compounds during irradiation degradation of polymethyl methacrylate	1976
19770091463	The sorption of nitroglycerine by ethyl cellulose	1976
19770091475	Study of an initiator with a weak explosive charge for primers and igniters in severe conditions	1976
19770091476	The ignition behavior of aviation fuels and some hydrocarbons of uniform composition	1976
19770091486	The possibility of using gas pipe lines laid above the ground for supplying propane - butane gas	1976
19770091487	The design and development of a metal cold finger detector/Dewar	1976
19770091521	Navy command control and communications system design principles and concepts; Volume 3, Appendix B: Evaluating and selecting the mix of transmission media for the NC3N - A methodology	1976
19770091523	Position finding of the ground-based source of radio emissions by direction finder, located above the surface of earth	1976
19770091526	Microwave transmitter reliability and maintainability improvement program	1976
19770091527	Helicopter captive flight and laboratory tests of a near infrared advanced television seeker (U)	1976
19770091530	Frankford Aircraft Capabilities Test (FACT) 2 (U)	1976
19770091531	Improved BMEWS Simulator System (IBSS) upgrade (U)	1976
19770091532	User demand modeling study. Volume 2: Classified appendices (U)	1976
19770091534	CY-75 POLO HAT exercise evaluation report (U)	1976
19770091548	Evaluation tests of R. ohm CRA 1/8 metal film resistors	1976
19770091549	YIG filters and oscillators	1976
19770091550	Do electric vehicles have a future	1976
19770091553	Development of alternate clad glasses for microchannel plates	1976
19770091555	Overvoltages in the discharge circuit of a magnetopulse device	1976
19770091556	Analysis of energy characteristics of a large MHD power station	1976
19770091558	Critical current density across ceramic electrodes based on zirconium and rare-earth oxides	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091561	Integrated varactor tuned microwave sources	1976
19770091562	Charging unit of a capacitor bank of an oscillating circuit of a synthetic circuit	1976
19770091563	The experience and prospects of the effective use of computer technology in systems of the automated electric drive in the USSR and abroad	1976
19770091578	The design of two field rated infrared radiometers	1976
19770091591	Investigation of the response of aircraft structural skin panels to laser energy (U)	1976
19770091601	Straddle carriers for transportation of large capacity containers	1976
19770091604	Supporting power of steel KH18 N10T supporting power of steel KH18N10T weld joints made by submerged arc welding and welding in a helium medium	1976
19770091606	Device for determining mechanical impurities in petroleum products under field conditions	1976
19770091607	Analysis of the operation of a transport vehicle with final drive	1976
19770091608	Theoretical studies of the process of air compression in a compressor with water injection	1976
19770091609	Aircraft construction. Air fleet technique (selected articles)	1976
19770091612	Ultrasonic flaw detection	1976
19770091616	Single norms and valuations to structural, assembling and building repair works	1976
19770091618	Analysis of contact stresses in the threaded joints of missiles	1976
19770091619	The residual static strength of a fatigue-cracked bolted joint in an aluminum alloy	1976
19770091620	Instructions for photogrammetric operations in the preparation of topographic maps and large-scale maps	1976
19770091622	Compass river rectifier (U)	1976
19770091626	Thermotechnical problems in direct energy conversion (selected articles)	1976
19770091627	Magnetohydrodynamic converters of a new type	1976
19770091629	Tests of the U-25 experimental industrial installation	1976
19770091631	High-latitude geophysical phenomena (selected articles)	1976
19770091632	Estimating the form and probability of lightning waves arriving at substations of 110-750 KV	1976
19770091638	Research aircraft support and data analysis for the HEART, SAMS, and FLAME programs	1976
19770091639	A bibliography of shelf/slope circulation in the Mid-Atlantic Bight, Cape Cod to Cape Hatteras	1976
19770091642	Space biology and aerospace medicine, volume 10, no. 3, 1976	1976
19770091643	Expert diagnostic value of the physiological parameters of objective monitoring of in-flight condition of an airman	1976
19770091644	Experiment with rats during a 22-day flight on the Kosmos-605 biological satellite (ch173)Objectives and methods	1976
19770091645	Activity of DNA depolymerases in the rat spleen after the Kosmos-605 flight	1976
19770091646	Changes in the monosynaptic H-reflex in high-altitude decompression of human subjects	1976
19770091647	Prevention of decompression disease applicable to conditions of multiple emergence into space	1976
19770091648	State of the human motor apparatus during multiday confinement in a nitrogen-oxygen atmosphere at pressures up to five atmospheres	1976
19770091649	Adrenal function during man's multiday exposure under hyperbaria conditions (N2-O2, 5 ATM)	1976
19770091650	Effect exerted on water metabolism by body position relative to the gravitational vector	1976
19770091651	Restoration of muscle function in rats after prolonged restriction of mobility	1976
19770091652	Hemopoietic organs of hypokinetic mice	1976
19770091654	Comparative characteristics of electrocardiograms for flight personnel with excess and normal body weight under conditions of moderate hypoxia	1976
19770091655	Method for investigating an airman's tolerance to accelerations under flight conditions	1976
19770091656	Evaluation and use of quantitative indices of quality of operator activity	1976
19770091657	Investigation of the biological properties of Cl. perfringens type A isolated from human subjects confined to a pressure chamber	1976
19770091658	Coronary vessels of a rabbit after single irradiation of the cardiac region in a dose of 2,400 rad	1976
19770091659	Evaluation of the state of the cardiovascular system of Helicopter crews	1976
19770091660	Effect of alpha radiation indifferent stages in the Chlorella cell cycle	1976
19770091661	Influence of the caloric irritation of the vestibular apparatus on body temperature	1976
19770091662	Effect of copper bromide on the intensity of release of gases from a sanitation system	1976
19770091663	Characteristics of fatigue in persons of different professions	1976
19770091664	Direct modeling of a radiobiological viability experiment	1976
19770091665	Functional state of the hepato-pancreatic system under the influence of small transverse accelerations	1976
19770091666	Influence of psychotropic drugs on some vestibular function indices	1976
19770091679	Pilots of the federal navy learned about jaguar training: simulator training	1976
19770091680	Development of a differentiated mathematical model for simulating pilots (maneuver pilot)	1976
19770091690	Parametric translator in automatic software design system	1976
19770091693	Non-pulse emitter identification study (U)	1976
19770091702	Generators for the pulsed excitation of ultrasonic emitters	1976
19770091703	Two-sensor initialization of a nonlinear Kalman filter in the application to passive acoustic target location and tracking	1976
19770091707	Study of the stereochemistry of organophosphorus compounds by the method of nuclear magnetic resonance	1976
19770091717	Report of the 1971 ad hoc study group on commonality of thermal imaging systems (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091719	Progress in the physics of laser thermonuclear synthesis	1976
19770091720	Comparative studies of ion-implant Josephson-effect structures	1976
19770091722	Experiment on the conversion of hydrogen into a metallic state	1976
19770091728	Air Force technical objective document, fiscal year 1978 (U)	1976
19770091730	The principle of construction and special characteristics of the development of the automated system of informational facilities	1976
19770091754	Supersonic flow near a convex dihedral angle	1976
19770091755	Unsteady pressure measurements in wing-with-load configurations	1976
19770091756	The 'supercritical' concept in France	1976
19770091764	Aircraft, answer start an on-the-spot report	1976
19770091776	Mig-25: Myths and realities (2)	1976
19770091779	Advanced weapons carriage technology for ground attack aircraft	1976
19770091780	Principles and problems of the design of aircraft structures from composite materials	1976
19770091788	Independent evaluation of the advanced attack helicopter, operational test I	1976
19770091789	Advanced Design Composite Aircraft (ADCA) study, manufacturing plan	1976
19770091800	Advanced design composite aircraft ADCA study, volume 1	1976
19770091802	A literature review of television display utilization for landing remotely piloted vehicles with suggested research for evaluating pilot workload and performance	1976
19770091804	F-4E braking tests with the hydro-aire Mark III skid control system	1976
19770091812	Mission scenarios for survivability assessment (U)	1976
19770091849	A proposed methodology for the estimation of jet engine costs in the early phases of the weapon system acquisition process	1976
19770091850	The (54) device for the rolling of the foil of a turbine blade	1976
19770091851	Reduced cost processing for eutectic airfoils	1976
19770091853	Entry forbidden to Zeuses	1976
19770091855	Shaping of the blades of aviation gas turbines, part 1	1976
19770091866	Optimal integrated terrain following system study - executive summary	1976
19770091939	Disturbed media satellite program for simulation of high-altitude nuclear effects on communications	1976
19770091955	Advanced designation concepts program advanced designation phenomenology (U)	1976
19770091958	Hardened TACE-reentry hardened, high rate, inertial instrument, torquing electronics (U)	1976
19770092017	Inflammation and burning of polydispersion metallic powders in supersonic flows	1976
19770092019	High-temperature corrosion resistance of alloys based on TiAl compounds at 1000 C	1976
19770092020	Method of obtaining products from SAP	1976
19770092021	Method of hot-rolling of bars made from alpha + beta titanium alloys	1976
19770092022	A method for obtaining titanium alloys	1976
19770092024	Relationship of wetting behaviour to liquid metal embrittlement of zinc	1976
19770092025	Influence of laboratory annealing on tensile properties and time-independent design stress intensity limits for type 304 stainless steel	1976
19770092026	Creep and rupture behavior of annealed 21/4 Cr-1 Mo steel	1976
19770092027	Stress corrosion cracking of type 316 stainless steel in concentrated caustic soda	1976
19770092031	Study of the destruction of polymer films under the effect of laser radiation	1976
19770092032	Mechanism by which moisture influences the elevated temperature properties of epoxy resins	1976
19770092043	Preliminary design and facility cost analysis for the production of N-hexylcarborane	1976
19770092055	Fine-grain purification filter for the delivery of balanced air	1976
19770092056	Metrology in the service of combat readiness	1976
19770092067	Evaluation of interchannel interference in the multichannel digital data transmission system with double relative phase modulation	1976
19770092069	Spread spectrum concepts	1976
19770092072	Design of systems for collection and unification of radar data, chapter 7	1976
19770092073	A look at wire communications systems	1976
19770092074	International review of communications means	1976
19770092076	Method for measuring natural resources based on TV imagery from meteorological satellites	1976
19770092077	Echo from the stratosphere	1976
19770092078	Increasing the effectiveness of ultrashort-wave (UKV) directional antennas with the aid of a zonal antenna attachment	1976
19770092084	Detection of a stochastic signal by a single-ring antenna array	1976
19770092088	Cost and operational effectiveness analysis 4-76, radio set AN/PRC-70. Volume 1	1976
19770092092	Comparative evaluations of speech intelligibility performance of three narrowband voice communications methods: TRIVOC, LPC, and PLPC	1976
19770092093	Spread spectrum modem/processor (U)	1976
19770092094	Comparison of performance of DPSK and incoherent FSK systems operating in a scintillation-induced, finite-fading bandwidth environment (U)	1976
19770092119	Comparison of operating modes in magnetron generators	1976
19770092120	Permanent magnets for electrical machines and apparatuses	1976
19770092121	Collection of problems in the automated switching systems	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092124	Micro-electronic and semiconductor instruments and their technology (selected articles)	1976
19770092125	High speed alternator. Volume 2, phase 1: Task 3	1976
19770092126	Production engineering measure for high power traveling tubes	1976
19770092129	Methods of distribution of modules of random form and tracing of printed circuits of various widths	1976
19770092130	Government Microcircuit Applications Conference (976), Digest of Papers, Volume 6	1976
19770092132	CMOS reliability: Plastic encapsulation with Epoxy	1976
19770092133	System for the automatic design of cells for digital Devices	1976
19770092140	Refinement of integrated fluidic circuits	1976
19770092142	Calculation of a ground shock below a tamped explosion in a layered tuff/granite medium (U)	1976
19770092145	Evaluation of humidity indicators	1976
19770092147	Azimuth determination by laser gyroscope	1976
19770092148	Autonomous control and navigation. Systems and elements (selected articles)	1976
19770092150	Automatic reseau measuring equipment ARME	1976
19770092159	Dependence of the coefficient of extinction of laser radiation on the water content of artificial fog	1976
19770092160	What can a laser do?	1976
19770092163	Beam stabilization and autoalignment system	1976
19770092165	Laser dust counter	1976
19770092167	Development and performance evaluation of a large pulse photoinitiated chemical laser (PHOCL)	1976
19770092169	LATAR laser augmented target acquisition/recognition (U)	1976
19770092179	Laser gas production and processing study (U)	1976
19770092190	The question of a functional-structural analysis of forge-and-press machines	1976
19770092191	Device for contact spot welding	1976
19770092192	Development of modern welding methods in Poland	1976
19770092193	Device for casting by the vacuum suction method	1976
19770092194	Temperature distribution in specimens during spin welding of heterogeneous steels	1976
19770092196	Manufacturing methods for plasma arc welding	1976
19770092197	Installations for hot forming under isothermal conditions	1976
19770092198	Semiconductor failure model study, addendum	1976
19770092200	Standard Electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770092201	Standard electronic module quality assurance activity test report on modules, resistor arrays	1976
19770092202	Standard electronic module program quality assurance activity test report on modules, composite NOC	1976
19770092203	Nondestructive testing development program	1976
19770092205	Finite-element analysis of a thick-wall tube containing a crater-like surface flaw	1976
19770092210	Representation of inelastic behavior	1976
19770092211	Validation of high temperature design methods and criteria	1976
19770092212	Implicit three-dimensional finite-element formulation for the nonlinear structural response of reactor components	1976
19770092213	Problems of atmospheric diffusion and pollution of air (selected articles)	1976
19770092218	Perspectives on US and world energy problems	1976
19770092219	The 80-100hp Stirling engine feasibility study	1976
19770092220	Assessment of noise with respect to community response	1976
19770092221	Stationary and mobile facilities for monitoring atmospheric pollution	1976
19770092222	Environmental assessment of treated oil spills versus untreated spills: A feasibility study	1976
19770092228	Dust storm distribution in the tropics	1976
19770092229	The central aerological observatory and some of the results of its work	1976
19770092230	Determining moisture of ground layer of atmosphere by lidar	1976
19770092231	Looking through a beam: Report from Controlled Flight Center	1976
19770092234	Bibliography of reports by US Geological Survey personnel on the Nevada test site and related subjects, 1 June 1975 30 June 1976	1976
19770092236	Monthly Bulletin. Canadian Upper Air data, November 1976	1976
19770092237	Distribution and duration of dust storms in Western and Southern Kazakhstan	1976
19770092239	Operative processing of synoptic information on a computer at the hydrometeorological center of the USSR	1976
19770092240	Study of the initial stage of electrification fo adiabatic fogs	1976
19770092241	At the flying field	1976
19770092243	Meteorology and hydrology, no. 7, 1976	1976
19770092264	Special-purpose digital computer VM-2	1976
19770092265	Comparison of conversational compilers and the peculiarities of the FORS HAG	1976
19770092266	Speed of computer hardware units which use cylindrical magnetic domains with permalloy control circuits	1976
19770092269	Methods of restoring working capacity of a system based on the M-7000 processor	1976
19770092270	Measuring and automation, selected articles	1976
19770092271	Structure and mathematical security of hierarchical hybrid computers	1976
19770092273	Memory is produced here	1976
19770092276	Resolution of one class of problems of convex programming on a hybrid computer system	1976
19770092286	Coherent production of particles in interactions energy of high protons with atomic nuclei	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092288	Development of LMFBR integrated program plan	1976
19770092293	Transient radiation effects in visible and UV materials	1976
19770092295	A device for determining the position of a radiation source	1976
19770092297	Hologram optics in night vision goggles	1976
19770092300	Background measurements program (U)	1976
19770092301	The 25mm 0.9 micron wafer tube development (U)	1976
19770092311	Preliminary considerations of safety and reliability of Tokamak experimental power reactor	1976
19770092312	Research and development required for the Tokamak experimental power research	1976
19770092316	Final report	1976
19770092323	Introduction to the defense logistics studies information exchange (DLSIE)	1976
19770092324	Comparison of the noise stability of highly efficient information transmission systems	1976
19770092328	Foreign devices and processes suitable for a modernization of assembly in machine building	1976
19770092346	Development of a computer program for store airloads prediction technique	1976
19770092347	Excitation of the fluctuations of the blades of turbomachines, Part 1	1976
19770092355	Diagnostic complexes of the systems of automatic pilotage, part 2	1976
19770092363	ADLAT 6: Advanced low altitude techniques (U)	1976
19770092366	Application of high altitude surveillance aircraft to future Coast Guard mission objectives	1976
19770092367	Lightweight high rate gun	1976
19770092368	Advanced weapons carriage technology for ground attack aircraft. Volume 1: Weapon carriage trades and optimum weapon configured vehicle selection	1976
19770092370	F-18 operational effectiveness summary report (U)	1976
19770092372	An investigation of factors influencing the operational readiness of helicopters in sustained combat operations (U)	1976
19770092373	US Navy, Marine Corps, and Air Force fixed-wing aircraft losses and damage in Southeast Asia (1962 - 1973) (U)	1976
19770092378	AN/AAR4 improvement program (U)	1976
19770092381	Single versus twin-engine fighter/attack aircraft attrition analysis. Volume 2: Combat data analysis (U)	1976
19770092392	Advanced weapons carriage technology for ground attack aircraft. Volume 2: Radar cross section evaluation (U)	1976
19770092399	Independent evaluation of the direct/indirect sight test (U)	1976
19770092404	Shaping of the blades of aviation gas turbines, part 2	1976
19770092406	Calculation of the turbines of aircraft engine	1976
19770092409	Survivable fuel systems design properties (U)	1976
19770092417	The feasibility of generation of linear particulate clouds	1976
19770092441	Algorithms of control of space vehicles upon entry into the atmosphere, part 1	1976
19770092442	Algorithms of control of space vehicles upon entry into the atmosphere, part 2	1976
19770092443	Algorithms of control of space vehicles upon entry into the atmosphere, part 3	1976
19770092444	Strategic reentry technology program (STREET-A4). Volume 11: Task 4-1-2; irregular nosetip shape pressure and forces	1976
19770092457	Thermal modeling study of Sea sparrow vertical launcher test TAP 2-14	1976
19770092459	Space vehicles investigate natural resources	1976
19770092460	Transient stability of space vehicles with liquid propellant rocket engines	1976
19770092470	Advanced imaging infrared fire and forget guidance investigation (U)	1976
19770092476	Ballistics Range Experimental Program (BREP II) (U)	1976
19770092480	Combat sage (PACAF) weapon system evaluation program (U)	1976
19770092482	Advanced strategic air launched missile (ASALM) guidance technology demonstration program (U)	1976
19770092483	Re-entry systems program (U)	1976
19770092494	Maneuvering air-to-air missile technology study (U)	1976
19770092499	PAVE PEPPER multiple reentry vehicle flight experiment post test analysis, volume 14 (U)	1976
19770092512	A study of certain candidate improvements to accuracies of smils test support	1976
19770092515	Multipath limitations on the coverage of command-guided SAM systems	1976
19770092551	Hybrid rocket engines	1976
19770092560	Evaluation of several graphnol N materials	1976
19770092562	Erosion resistant nosetip materials	1976
19770092565	Repair procedures for advanced composite structure. Volume 2: Repair guide	1976
19770092566	Investigations on the stabilization hydrogen diffusion-flames by means of flame retention baffles in supersonic flow	1976
19770092569	Plasticity and the hyperplasticity of metals; part 2	1976
19770092570	Production of powder metallurgy nickel base superalloy turbine disk Volume 2. Manufacture of low cost powder metallurgy astroloy turbine disks	1976
19770092571	Preliminary study to establish specifications for zirconium (study of three American zirconiums: Applications to Zr and PbCrO4 mixtures)	1976
19770092572	Production of powder metallurgy nickel-base superalloy turbine disks, volume 1	1976
19770092573	Plasticity and the hyperplasticity of metals, Part 1	1976
19770092574	Experience gained in stamping out articles made of two-layer steel	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092576	Selections from increased and high strength steel structural members: Technology of manufacture and assembly, technical and economic indexes	1976
19770092577	Forging powder metal preforms	1976
19770092587	Mastics, polymer-concretes and polymersilicates	1976
19770092595	Analysis of boron	1976
19770092596	Near-surface stress pulse propagation study	1976
19770092599	Development of high density-impulse solid propellants for air launched motor applications (U)	1976
19770092600	Carborane propellant study (U)	1976
19770092607	Collapsible pipelines	1976
19770092612	TDU-X initial operational test and evaluation	1976
19770092615	Disturbed media satellite program for simulation of high-altitude nuclear effects on communications	1976
19770092616	AABNCP component test report. Volume 3: KA-band communications	1976
19770092622	A plan for gathering and reporting network statistics for the Logistics Data Communications Network	1976
19770092624	Efficiency of active antennas	1976
19770092627	Sensitivity of ELF/VLF blackout calculations to uncertainties in reaction rates (U)	1976
19770092628	Radar images of aircraft (U)	1976
19770092629	Development of a wideband electrically small aircraft antenna for a synthetic aperture radar (U)	1976
19770092631	Multi-function signal processor analysis (U)	1976
19770092637	RHAW look-thru (U)	1976
19770092650	Exercise polo hat 76-3 evaluation report (U)	1976
19770092655	Vulnerability of the RF remote set fuze system to RFI and ECM (U)	1976
19770092656	AN/MSQ-T6 development test and evaluation report (U)	1976
19770092665	RV antenna study (U)	1976
19770092669	Electronically Agile Radar (EAR) weapon system interface (B-1) study (U)	1976
19770092671	Analysis of a direct-sequence and frequency-hop spread-spectrum system in a UHF tactical air environment (U)	1976
19770092676	Radar/EW integration study technical report executive summary (U)	1976
19770092681	Electronic Warfare (EW) protection of Army aircraft (U)	1976
19770092692	Characteristics of epoxy resin encapsulations in logic circuits	1976
19770092694	Manufacturing methods for microchannel plate image intensifier tube assembly, volume 1	1976
19770092697	Overvoltages in electrical networks. Chapter 10: Electromagnetic vibrations and waves in zero-loss circuits	1976
19770092710	The 18 mm third-generation tube development (U)	1976
19770092715	Low band dual mode TWT development program phases two and three for Naval Research Laboratory (U)	1976
19770092734	Generation and propagation of N-shaped acoustic shock waves in air	1976
19770092739	Gyrostabilizers of rockets	1976
19770092743	Advanced Attack Helicopter Cost and Operational Effectiveness Analysis (AAH COEA). Volume 3: AAH excursion (armed UTTAS) (U)	1976
19770092747	Heating of metals by CO ₂ -laser emission in an oxidizing atmosphere	1976
19770092748	Pulsed laser propagation through aerosol breakdowns	1976
19770092749	All-union symposium on the propagation of laser emission in the atmosphere	1976
19770092750	Energy exchange processes in high vibrationally excited states of hydrogen fluoride absorption, laser emission, and dissociation under the influence of intensive HF laser radiation	1976
19770092754	Light from the retort: A report on research on and with lasers at the Central Institute for Optics and Spectroscopy of the Academy of Sciences of the German Democratic Republic, parts 1 and 2	1976
19770092755	Laser artillery, antitank weapon of the future	1976
19770092763	Navy HPL program (U)	1976
19770092781	Time standards in foundry practice	1976
19770092782	Excitation of the fluctuations of the blades of turbomachines, part 2	1976
19770092785	Semianalytic methods for axial response analysis of penetrators	1976
19770092789	Unification and standardization in a system of machines and equipment for container and packet handling	1976
19770092795	MK 88 rate sheets (reliability analysis and trend evaluation) post-SYCO	1976
19770092798	A nondestructive X-ray instrument to instantly measure residual stresses, phase 1	1976
19770092802	Recommendations of the National Conference of state legislatures' task force on uses of satellite remote sensing for state policy formulation	1976
19770092803	Radiosounding of ice	1976
19770092805	Remote sensing state of the art for AOA engineering (U)	1976
19770092810	Advanced power management system (U)	1976
19770092811	Solar powered irrigation system	1976
19770092813	Solar heating and cooling of buildings. Phase 1. Preliminary solar design: Rocky Mountain Manufacturing and Wire Building, Pueblo, Colorado	1976
19770092814	US energy consumption through 1981	1976
19770092815	Solar heating and cooling of buildings. Phase 1. Preliminary design: County courts building, Scottsdale, Arizona	1976
19770092822	The vertical extent of haze layers over Central Asia during dust storms	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092832	Miners' protective helmets	1976
19770092834	The effect of NBC clothing on the noise attenuation of the AFV crewman's helmet	1976
19770092843	Integrated test bed support software system study, Phase I	1976
19770092844	Contrast display computer program	1976
19770092846	SURTASS software evaluation, volume 1	1976
19770092847	Semantics and the foundations of program proving	1976
19770092849	On the local convergence of Newton's method	1976
19770092856	Index of current noise research in the United Kingdom 1975/76	1976
19770092858	Vibrational relaxation rates for HF (2 less than or equal to NU less than or equal to 7) and DF (3 less than or equal to NU less than or equal to 5)	1976
19770092861	Current state of development of radioisotope power generators in various countries	1976
19770092864	RPV E-O sensor study	1976
19770092869	State of the art of airborne forward looking infrared (FLIR) technology, volume 1	1976
19770092889	The Faraday effect in ionized gases with 4 CM wave lengths	1976
19770092891	Manufacturing methods advanced bubble domain materials	1976
19770092894	Thermionic emission of aluminum oxide in a flow of barium atoms	1976
19770092896	Thermodynamic and therophysical properties of combustion products chapters 1 thru 4	1976
19770092899	The selection of a project management technique	1976
19770092918	Feasibility study seismic and acoustic detection ballistic missile activities. Volume 1: Executive summary	1976
19770092919	Feasibility study seismic and acoustic detection of ballistic missile activities. Volume 2: Technical report	1976
19770092920	Feasibility study seismic and acoustic detection ballistic missile activities. Volume 3: Reference publications	1976
19770092925	Results of a wind tunnel program to determine the feasibility of the MX air mobile aircraft and missile system	1976
19770092935	Diagnostic complexes of the systems of automatic pilotage, part 1	1976
19770092937	Certification test procedure MK 1 MOD O stabilized glide slope indicator and wave-off lights	1976
19770092938	A comparison of enroute conflict risk for three 1995 air traffic surveillance systems	1976
19770092945	Helicopter maneuvering (conclusion)	1976
19770092952	Computerized aircraft gun detection. Volume 1: User manual	1976
19770092953	Computerized aircraft gun description. Volume 2: Analyst manual	1976
19770092954	USN/FMOD FRG VAK-191B joint flight test program. Volume 1: Summary	1976
19770092955	USN/FMOD FRG, VAK-191B joint flight test program. Volume 2: Aircraft description and flight test	1976
19770092956	USN/FMOD FRG VAK-191B joint flight test program. Volume 3: Pilot evaluations	1976
19770092957	USN/FMOD FRG, VAK-191B joint flight test program. Volume 4: Stability and control	1976
19770092958	USN/FMOD FRG VAK-191B joint flight test program. Volume 5: Aircraft performance	1976
19770092959	USN/FMOD FRG VAK-191B joint flight test program Volume 6: Propulsion systems	1976
19770092960	USN/FMOD FRG, VAK-191B joint flight test program. Volume 7: Footprint and reingestion	1976
19770092961	USN/FMOD FRG, VAK-191B joint flight test program. Volume 8: Propulsion induced forces and moments	1976
19770092962	USN/FMOD FRG, VAK-191B joint flight test program. Volume 9: Flight controls and hydraulics	1976
19770092964	USN/FMOD FRG, VAK-191B joint flight test program. Volume 2: AM-2 aluminum airfield landing mat tests	1976
19770092965	USN/FMOD FRG, VAK-19 1B joint flight test program. Volume 12: Model tests results of jet-induced effects in the presence of a ribbed surface	1976
19770092966	USN/FMOD FRG, VAK-191B joint flight test program. Volume 13: IR flow visualization	1976
19770092967	USN/FMOD FRG, VAK-191B joint flight test program. Volume 14: VAK-191 B acoustic/sonic fatigue verification program	1976
19770092969	The European outlook for helicopters	1976
19770092970	Kiebitz beam-riding rotor platform	1976
19770092971	Present main trends in helicopter designs	1976
19770092979	Advanced air-cooled metallic turbine engine cycle analysis	1976
19770092989	Evaluation of carrier aircraft support effectiveness evaluation casee model	1976
19770093007	Space programs at the Johns Hopkins University Applied Physics Laboratory	1976
19770093065	Application of the global positioning system as an attitude reference for near-earth users	1976
19770093067	Digital guided weapons technology. Volume 1: Digital processor system studies	1976
19770093087	A proposed two axis star sensor using a novel beam splitting system	1976
19770093094	Rocket condensation trails: Theoretical aspects of secondary smoke formation	1976
19770093095	High perimeter charge designs	1976
19770093100	Materials science as a science (the search for materials suitable for new technology)	1976
19770093101	Organic synthesis under ultra-high pressures	1976
19770093108	Manufacturing methods for low cost metal matrix composite material	1976
19770093109	The application of fiber-reinforced materials in compressor blades	1976
19770093132	Improving the quality of steel after refining remelts	1976
19770093133	Raising yields in the forging of ingots	1976
19770093134	Study of deformations in the forging ingots	1976
19770093136	The importance of high-frequency currents in the production of refractories	1976
19770093137	Impact strength of 09G2S steel at low temperatures depending on the purity of grain boundaries	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093138	Effect of heat treatment on the conditions of formation, shape, and stability of vanadium carbides in vanadium steels	1976
19770093139	New possibilities offered by surface treatments in the fight against contact corrosion	1976
19770093142	Method for testing the mechanical anisotropy of metallic materials	1976
19770093148	Evaluation of a light-curable polyester resin - Impolox K	1976
19770093151	Connecting Al vaporized PETP foils	1976
19770093152	The removal of various radioactive elements from polymer materials	1976
19770093153	New developments in electrical melting of refractory glass	1976
19770093154	The hygroscopic property of acrylonitrile/acrylamide copolymers and polyacrylonitrile/polyacrylamide blends, part 1	1976
19770093156	Melting-point diagrams of highly refractory oxides, III	1976
19770093157	A means of synthesis of phosphate glass	1976
19770093159	Ion exchangers 12: Preparation and properties of porous styrene and divinylbenzene copolymers, part 2	1976
19770093160	Degradation of plastic by Pseudomonas aeruginosa	1976
19770093161	Epoxy encapsulation of integrated linear circuits	1976
19770093172	Study of red lead-boron composition	1976
19770093173	Standardization project: Measurement of thermic potential of pyrotechnic compounds by conduction microcalorimetry	1976
19770093174	Erosion combustion of propellants	1976
19770093180	Hydrogen safety	1976
19770093194	Navy Command control and communications system design principles and concepts. Volume 6: Appendix E: Networking principles and features. Appendix F: Data base management considerations. Appendix G: NC3N user data and information exchange network requirements	1976
19770093197	Bi-directional multi-station command/information bus	1976
19770093199	Satellite data management algorithm study	1976
19770093200	Development test II of radio set AN/GRC-103(V) with band IV components	1976
19770093206	Electromagnetic fields in seawater: A survey article	1976
19770093207	Computation of wave fields in open regions and in waveguides. Part 1: Some problems of diffraction, propagation and reflection of waves	1976
19770093231	Microwave P-I-N diodes	1976
19770093232	The problem of technology with microwave semiconductor diodes and perspectives for their development	1976
19770093233	Input impedance tensor of an arbitrarily magnetized ferrite layer on an ideally conducting plane	1976
19770093234	Investigations of transient processes and emergency conditions in thyristor high-voltage switches	1976
19770093252	Laminar motion of a viscous fluid between two contacting cylinders	1976
19770093253	On memorizing continuous signals in gas and liquid fluidic systems	1976
19770093255	Miniature reed-type oscillation generator-experimental investigation of the characteristics of a demonstration prototype	1976
19770093256	Passive nosetip technology (part 2) program. Volume 2: Computer users manual: ABRES Shape Change Code (ASCC)	1976
19770093257	Passive nosetip technology (part 2) program. Volume 3: Computer programmer's manual: ABRES Shape Change Code (ASCC)	1976
19770093258	Definition of the hydraulic diameter, the Reynold number, and the gas velocity in the spherical fill, appendix 1	1976
19770093277	Acoustical holography and nondestructive inspection (3)--scanned acoustical holography	1976
19770093293	Military adaption of commercial items (MACI): Laboratory evaluation of code E-411 engine	1976
19770093294	Experimental determination of the formation and history of No sub x in diesel engines	1976
19770093295	Main consideration in the planning of container transport	1976
19770093296	The formation of coatings by detonation	1976
19770093297	Research and development work in the division of mechanical engineering, 1976	1976
19770093299	GOST 8-71: Metal-cutting machines: General conditions for testing of machine tool accuracy GOST 8-71	1976
19770093302	Brake modeling for wheel anti-lock simulation	1976
19770093303	The organization of maintenance in the case of limited information on the reliability of a system	1976
19770093304	Nondestructive testing of welds by means of acoustic emissions	1976
19770093310	Striation spacings and macroscopic fatigue crack growth rates in type 316 stainless steel	1976
19770093314	Accuracy of determination of the coordinates of observation stations in accordance with the radial speed of a satellite	1976
19770093315	Experience in super-small-scale aerial photography	1976
19770093321	Problems of development of the sodium-sulfur storage battery, a promising electric power source for traction	1976
19770093322	Energy and physics: Report to the scientific session devoted to the 250th anniversary of the Academy of Sciences of the USSR, October 8, 1975	1976
19770093323	State-of-the-art of thermoemission energy conversion in France	1976
19770093324	Thermoelectric materials evaluation program	1976
19770093325	Thermoelectric materials evaluation program	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093332	Optimum reconstruction of temperature and humidity profiles in atmosphere by ground data and statistical information	1976
19770093334	Forecast of earthquakes and control capability of them	1976
19770093336	Dynamics of blast waves in soil and rock	1976
19770093337	Monthly bulletin, Canadian upper air data, December 1976	1976
19770093344	Microscope development and biological applications	1976
19770093345	Space biology and aerospace medicine	1976
19770093349	Weightlessness under hypnosis	1976
19770093350	A mathematical predictive model of arm strength	1976
19770093357	Changes in certain psychological indicators under conditions of extreme fatigue	1976
19770093372	An experiment in using a suit with electric heating elements under conditions of the coastal zone of the Antarctic continent	1976
19770093374	Protective work clothing for use under extreme conditions	1976
19770093375	Physiological and hygienic basis for thermal insulating properties of electrically heated clothing intended for inhabitants of the far north	1976
19770093383	Analysis of fault behavior in digital systems	1976
19770093385	Incremental solution of the spline Neumann system	1976
19770093387	Institute for Defense Analyses Group-Air model 2 (idagam 2) users manual, change 1	1976
19770093397	Measuring the reduced coefficient of reflection from the end of an optical filament when there is a break in a cable for a fiber optical line of communication	1976
19770093399	Mark of quality for the T2 theodolite	1976
19770093400	Experience gained in measuring distances of up to 100km by means of the Kvars electro-optical rangefinder and the model 8 geodimeter	1976
19770093401	Direct-vision erection prism systems for field glasses with little or no axis offset	1976
19770093402	MSD1M light range finder	1976
19770093403	Series of DKsT xenon lamp luminaires	1976
19770093405	Zinc sulfide FLIR windows	1976
19770093407	Sample preparation techniques for optical and electron beam analysis	1976
19770093408	Survey of dopants in silicon for 2-2.7 and 3-micrometer infrared detector application	1976
19770093409	Systems tradeoffs for second generation FLIRS	1976
19770093412	Effect of the degree of advance of the electrodes into the flow on the local characteristics of a MAP generator	1976
19770093413	Methods for investigating equilibrium plasma in the channel of a MHD-generator	1976
19770093414	Ionization of an admixture in the combustion chamber of an MHD generator	1976
19770093416	Insulators and conductors for MHD flow	1976
19770093422	New memory device structures, volume 1	1976
19770093423	New memory device structures, volume 2	1976
19770093424	Impurity profiling in semiconductor devices	1976
19770093426	Investigation of the thermodynamic properties of europium-magnesium system alloys	1976
19770093443	Research and development capabilities and facilities in the division of mechanical engineering, 1976	1976
19770093445	GOST 5294-60: Drawing management system: Designation of drawings and other technical documents for items of main production GOST 5294-60	1976
19770093475	Contribution of atmospheric aerosol to the infrared radiation of planetary atmospheres	1976
19770093536	Method of manufacture of a refractory material	1976
19770093537	Time-dependent fatigue of structural alloys. A general assessment (1975)	1976
19770093547	Kinetics and mechanism of thermal decomposition of hydrazine borane solutions in hydrazine: 1. Investigation of thermal decomposition kinetics	1976
19770093557	Experimental study of the spectrum of proper waves of rectangular dielectric waveguides	1976
19770093558	Dielectric resonator in a waveguide	1976
19770093562	Speaker verification III	1976
19770093568	High voltage circuit-breakers: Papers delivered at the 23rd session of CIGRE	1976
19770093574	Passive nosetip technology (PANT 2) program. Volume 1: Inviscid flow and heat transfer modeling for reentry vehicle nosetips	1976
19770093578	On-line mass flowmeter based on gamma ray transmission and correlation	1976
19770093592	Finite-element formulation for the thermal stress analysis of two-and three-dimensional thin reactor structures	1976
19770093593	Validation of high temperature design method and criteria	1976
19770093595	Contract review of solar heating and cooling computer analysis	1976
19770093596	Solar heating and cooling of buildings, phase 1 (nonresidential). Preliminary solar design, Howard Johnsons North Miami motor lodge, North Miami Florida	1976
19770093597	Solar heating and cooling of buildings, phase 1 (nonresidential). Preliminary design, West Chester, Pennsylvania	1976
19770093598	Development of a practical photochemical energy storage system	1976
19770093599	Development of a practical photochemical energy storage system	1976
19770093602	Development of a practical photochemical energy storage system	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093619	Pilot selection research system	1976
19770093621	Hygienic requirements in the development of heated coveralls for use under conditions of severe cold	1976
19770093640	Drift flux model and constitutive equations for relative motion between phases in various two-phase flow regimes	1976
19770093641	Description of a computer simulation of a theta-pinch fusion power plant	1976
19770093642	Laser discharges in attaching gases	1976
19770093643	Laser discharges in attaching gases	1976
19770093663	Proceedings of the annual U. S. Army Operations Research Symposium (AORS) 14	1976
19770093664	Airplane guidance during aerial surveying chapters 6 and 14	1976
19770093687	Integration of aircraft systems	1976
19770093688	Value analysis	1976
19770093692	Agusta a. 109, a multi-role helicopter without compromises	1976
19770093695	The 27 mm Mauser cannon for the Tornado aircraft	1976
19770093697	Aerial photographic characteristics of the An-30 airplane	1976
19770093699	Lightweight high rate gun concept study, phase 1	1976
19770093732	T76 engine cost analysis	1976
19770093780	Digital guided weapons technology. Volume 3: Programmable digital autopilot	1976
19770093782	Modular missile borne computers. Volume 8: Functional simulator for on-board data processing performance evaluation	1976
19770093813	A method of graphite protection	1976
19770093814	Evaluation of graphnol P	1976
19770093819	Strengthening of light alloys with boron fibers	1976
19770093832	Effect of preliminary heat treatment of Y2O3 powder on its stintering	1976
19770093833	Extrusion of alloy steels in the range 400-800 deg C	1976
19770093834	Metal flow during the rolling of reinforced sheets	1976
19770093837	Cold extrusion of parts	1976
19770093838	The process of cold rolling with circular rolls	1976
19770093839	Statistical analysis of heating regimes for large steel ingots	1976
19770093840	Prospects for developing high-quality metallurgy	1976
19770093841	Effect of austenitizing temperature and micropurity on mechanical properties of a new type of refractory steel	1976
19770093842	Creep rupture behavior of tubes made from austenitic steel X8 CrNiMoNb (material no. 1.4981, batch no. 51,857) under internal pressure	1976
19770093843	Radiation effects on BCC metals and alloys	1976
19770093844	Irradiation creep in nonfissile metals and alloys	1976
19770093847	Comparison of methods used to determine reported stress rupture minimum values for annealed 2-1/4Cr-1Mo steel	1976
19770093850	Elevated-temperature, strain-controlled fatigue data on type 304 stainless steel. A compilation, multiple linear regression model and statistical analysis	1976
19770093855	Development of chemical fibers for multiple	1976
19770093856	Electrically conductive paints for satellites	1976
19770093857	Linen that's gone through hell and high water: Special fabrics for protective clothing	1976
19770093858	Polar weave carbon-carbon composite development	1976
19770093859	Synthesis of fibrous richterite under hydrothermal conditions	1976
19770093860	Detonation coating based on refractory compounds	1976
19770093861	Slip for preparation of high density ceramics	1976
19770093863	Experience in using nonmetallic materials and new technology in antenna engineering	1976
19770093864	Glass formation in La2O3 - SiO2 - P2O5 and G2O3 - SiO2 P2O5 systems and some physico-chemical properties of the glasses of these systems	1976
19770093866	Investigation of phenolic foam for the thermal protection of ordnance	1976
19770093877	Compatibility studies between various powders and plastic materials	1976
19770093878	Air-breathing missile fuel development, volume 3	1976
19770093879	Analysis of hydrogen in zirconium powder for pyrotechnic uses	1976
19770093882	Quality assurance briefs, hydrazine propellant	1976
19770093901	Measurement of the attenuation of radio waves in the eight millimeter band in sea ice and freshwater ice and snow	1976
19770093906	Prototype WWMCCS Intercomputer Network (PWIN) User Handbook. Volume 1: TELNET, teleconference, and SENDFILE	1976
19770093907	Microwave transmitter reliability and maintainability improvement program	1976
19770093918	PRESTO digital computer code users guide. Volume 6: Modeling library	1976
19770093940	Electronic systems in missile technology. Chapters: 1-5, 7-8 and appendices	1976
19770093950	New results at the 100 million device-hour reliability testing of TTL series SSI digital integrated circuits. Part 1: Test methods and testing conditions	1976
19770093951	Life test of USCC/centralab 9910 F-T capacitors	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093953	Qualification test of USCC 9100 feed-thru capacitors, capacitors, fixed, ceramic, feed through, hermetically sealed, chassis mount	1976
19770093955	Engineering test report - capacitors, tantalum on capacitors, fixed, electrolytic, tantalum, solid, herm. sealed, lead mount, mil-est. bel	1976
19770093956	Engineering test report - capacitors, tantalum foil (10047786) on capacitors, fixed electrolytic, tantalum, foil, herm steal, lead mount, contractor hi-rel	1976
19770093957	Engineering test report - capacitors, tantalum on capacitors, fixed, electrolytic, tantalum, solid, herm. sealed, lead mount, contractor, HI-rel	1976
19770093958	Engineering test report - capacitors, fixed MICA on capacitors, fixed, MICA, dipped, lead mount, MIL-est-rel	1976
19770093959	Engineering test report - flat pack integrated circuits on microelectronic circuits, digital, monolithic, flat, ceramic	1976
19770093960	Engineering test report - capacitors, tantalum on capacitors, fixed, electrolytic, tantalum, solid, herm. sealed, lead mount, MIL-est. rel.	1976
19770093963	Quality assurance briefs. Capacitors, EMI filters	1976
19770093964	Quality assurance briefs, relays	1976
19770093965	Quality assurance briefs. Reference diodes	1976
19770093966	Quality assurance briefs, transistors	1976
19770093967	Quality assurance briefs. CMOS integrated circuits	1976
19770093968	Quality assurance briefs, microcircuits	1976
19770093969	Analysis testing and modeling of integrated circuits for the US/FRG cooperative TREE R and D project	1976
19770093977	Evaluation of national semiconductor TTL tri-state quad buffer gate (7093) per GE drawing 7537043	1976
19770093978	Formation of rectangular current pulses in an active load by means of artificial lines	1976
19770093982	Transformer, audio (434391-1)	1976
19770093983	Standard electronic module program quality assurance activity test report	1976
19770093984	Standard electronic module program quality assurance activity test report	1976
19770093985	Standard electronic module program quality assurance activity test report	1976
19770093986	Standard electronic module program quality assurance activity test report	1976
19770093987	Standard electronic module program quality assurance activity test report	1976
19770093988	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094001	Computational Procedure for Three-Dimensional Boundary Layers	1976
19770094003	Rheological models of fluid systems	1976
19770094012	A diffraction-limited X-ray shadow camera	1976
19770094015	Large pointing system gyro and accelerometer tests	1976
19770094033	Evaluation of line selection techniques for high power multiwave length lasers	1976
19770094041	New processes in the drop forging of turbine rotors	1976
19770094042	Calculation of maximum forging length in precision forging practice	1976
19770094043	Experience in making parts by cold and warm extrusion	1976
19770094045	The peninsula of explosive combustion (automotives)	1976
19770094049	Towards numerical evaluation of the quality of metal cutting machine tools	1976
19770094060	Testing of plastic buckling of slender metal cylinders when impacted against metal targets	1976
19770094061	Inelastic analysis of nozzle to spherical shell attachment	1976
19770094065	The significance of seabed resources for the United States in 1990	1976
19770094070	LSSA low-cost silicon solar array project	1976
19770094073	Accelerated/abbreviated test methods, study 4 of task 3 (encapsulation) of the Low-Cost Silicon Solar Array Project	1976
19770094075	Exhaust is taboo: Electric vehicles in use in Moscow	1976
19770094076	State-of-the-art and feasibility of direct energy conversion, part 2	1976
19770094077	Investigation of some photoelectric properties of silicon-germanium solid solutions	1976
19770094078	A step toward thermonuclear power engineering	1976
19770094083	Further observations of new sources in the AFCRL survey	1976
19770094084	The effect of water-vapor dimer on weakening of infrared radiation in the atmosphere	1976
19770094085	Investigation of the effect of the humidity of the atmosphere on the parameters of an atmospheric aerosol	1976
19770094086	Near-surface stress pulse propagation	1976
19770094088	Highest surge in the North Sea	1976
19770094116	I've got my pingvin to keep me warm. Electrically heated clothing. A report from the zaschita-sever-76 exhibition	1976
19770094117	Leakage testing of respirator facepieces	1976
19770094118	An antielectrostatic glove	1976
19770094119	The use of mathematical simulation to evaluate the thermal insulating properties of footwear	1976
19770094120	Nonwoven insulating inner soles for rubberized footwear	1976
19770094121	Proposal for a unified modular tent	1976
19770094134	Proceedings of the annual U. S. Army Operations Research Symposium (AORS) 15	1976
19770094152	Studies on the mechanical strength of AISI type 316	1976
19770094157	GOST 14967-69: Quadrants, optical: Types, basic parameters, technical requirements	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094159	Mirror-lens compensator for testing the quality of astronomical mirrors of large telescopes	1976
19770094162	The 19-actuator cooled deformable mirror study program	1976
19770094168	Procedures for selections optimal parameters for binary cycle atomic power plant with a liquid metal MHD generator	1976
19770094169	Energy characteristics of liquid metal MHD generators	1976
19770094170	Investigation of materials for open-cycle MHD generators	1976
19770094171	Electrode materials for an open cycle MHD generator channel	1976
19770094172	Development of the magnetohydrodynamic MHD generator	1976
19770094173	Computer simulation of the Tokamak fusion power plant	1976
19770094175	Alkali-halide crystals: A promising material for optical memory elements	1976
19770094176	Quality assurance briefs, crystals	1976
19770094178	Study of very pure metals at low temperatures	1976
19770094179	Role of Brownian motion for the nucleation of voids in irradiated stainless steel	1976
19770094196	GIDEP data aids technical problem solving	1976
19770094198	The 3U0900-40 binary system: Orbital elements and masses	1976
19770094199	Optical counterparts of AFCRL infrared sources	1976
19770094200	Transient structure in the high-energy x-ray light curve of NP 0532	1976
19770094201	A moderate resolution, wide band, astronomical echelle spectrograph	1976
19770094202	Binary X-ray pulsars	1976
19770094203	Observations of Hercules X-1 with SAS-3 during 1975 July	1976
19770094204	Accretion torques in X-ray pulsars	1976
19770094205	The X-ray eclipse on AM Herculis	1976
19770094208	Magnetic acceleration of winds from solar type stars	1976
19770094209	Orbital elements and masses for the SMC X-1/Sk 160 binary system	1976
19770094211	Accretion disk model of X-ray Nova A0620-00	1976
19770094221	Trailing edges of high speed solar wind streams	1976
19770094223	Attenuation of direct solar radiation in the atmosphere	1976
19770094224	Discovery of a 283-second periodic variation in the X-ray source 3U0900-40	1976
19770094225	Evidence for the binary nature of A0535-26	1976
19770094226	A fast transient source of hard X-rays at high galactic latitude	1976
19770094227	X-ray reverberations and the giant X-ray bursts	1976
19770094228	Recurrent brief X-ray bursts from the region of the blobular cluster NGC6624	1976
19770094229	The discovery of rapidly repetitive X-ray bursts from a new source in scorpius	1976
19770094230	The transient X-ray source A0620-00: Intensity variations and evidence for an 80 periodicity	1976
19770094231	Observations of two X-ray flares and the nearby source MX1716-31	1976
19770094232	Ultrasoft X-rays from the southern galactic hemisphere	1976
19770094233	Periodic X-ray bursts, do they exist	1976
19770094234	Discovery of X-ray bursts from MXB1728-34	1976
19770094235	Detection of soft X-ray emissions from an unidentified source at high lalactic latitude	1976
19770094236	Intense X-ray flares in AQL X-1 and CIR X-1	1976
19770094237	Discovery of X-ray bursts from several sources near the galactic center	1976
19770094238	Discovery of X-ray bursts from two from two sources in Aquila	1976
19770094239	X-ray burst sources	1976
19770094240	Further observations of recurrent X-ray bursts from the globular cluster NGC 6624	1976
19770094241	X-rays from radio binaries	1976
19770094242	A simple physical model for X-ray burst sources	1976
19770094243	Some future information on the rapid burster MXB1730-335	1976
19770094244	Gamma radiation from CYG X-3	1976
19770094245	X-ray bursts	1976
19770094246	X-ray burst sources	1976
19770094263	Independent evaluation of the Utility Tactical Transport Aircraft System (UTTAS)	1976
19770094264	Bleed air system design and vulnerability assessment procedures	1976
19770094284	J85-GE-21 turbojet engine accident investigation procedures	1976
19770094286	Eutectic composite turbine blade development	1976
19770094290	Service and operating instructions for the Kroll airfield tank truck (15000 liter)	1976
19770094328	Patriot program development plan of the system engineering management plan. Volume 4: System description. Revision A	1976
19770094337	Future space transportation systems analysis study, Volume 2	1976
19770094350	A method of obtaining oximes	1976
19770094353	Conductive coatings for satellites	1976
19770094362	Electromagnetic resonance spectrum of carbon black	1976
19770094370	Comparative study of the oxidation of zirconium, hafnium and titanium diborides	1976
19770094373	Straightening and finishing the surface of a thermomechanically strengthened rolled metal	1976
19770094374	Production of cold-rolled maraging steel sheets made by vacuum arc and electroslag remelting	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094376	Chapter 8: Properties of high temperature materials based on high-melting metals, compounds and graphite	1976
19770094381	Processing of chemical fibers	1976
19770094382	Radiation properties of new synthetic materials with regard to hygiene	1976
19770094387	The investigation of the heat-protective properties of textiles and of packets made from textiles	1976
19770094388	Properties of deep submergence vehicle fluids	1976
19770094407	Storage life prediction and gas evolution studies of PBX (AF-108) and AMATEX-30 explosives	1976
19770094409	Fundamental aspects of unconfined explosions: Phase 1	1976
19770094411	Vuilleumier cooler wear rate test program	1976
19770094416	Effect of a strong electromagnetic wave on the electronic properties of semiconductors (survey)	1976
19770094417	Prototype WWMCCS Intercomputer Network (PWIN) user handbook. Volume 3: PWIN operator handbook	1976
19770094423	Antennas	1976
19770094424	Electromagnetic field at the open end of a dielectric transmission line. Part 2: Reception	1976
19770094426	Analysis of the results of SEEKVAL experiments and tests	1976
19770094449	Failure mechanism in MOS devices versus HCl gettering	1976
19770094456	An analysis of the phenomenon of a distributed coupling in a spiral dielectric waveguide	1976
19770094458	Parts reliability, failure analysis, QA screening, microcircuits	1976
19770094459	Transformer, audio (350371-1)	1976
19770094460	Resistor, variable, wirewound, precision (352296-1)	1976
19770094468	Relays, Latching, 1 to less than 5 AMP, hermetically sealed DPDT	1976
19770094469	Standard electronic module program quality assurance activity test report	1976
19770094470	Standard electronic module program quality assurance activity test report	1976
19770094471	Standard electronic module program quality assurance activity test report	1976
19770094472	Standard electronic module program quality assurance activity test report	1976
19770094473	Standard electronic module program quality assurance activity test report on modules, capacitor-resistor	1976
19770094474	Photocathode study at 1.8 microns	1976
19770094475	Photocathode study at 1.8 microns	1976
19770094479	Standard electronic module program quality assurance activity test report	1976
19770094480	Standard electronic module program quality assurance activity test report	1976
19770094481	Standard electronic module program quality assurance activity test report	1976
19770094482	Standard electronic module program quality assurance activity test on modules, composite, NOC	1976
19770094483	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094484	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094485	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094486	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094487	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094488	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094489	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094490	Standard electronic module program quality assurance activity test report on modules, composite NOC	1976
19770094491	Source control drawing transistor, PNP, general purpose	1976
19770094493	Product specification resistor, network, fixed, film, high reliability	1976
19770094496	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094497	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094511	Time rate of change in the mean longitudinal gas temperature in the channel of a fluidic oscillator	1976
19770094512	Experimental-statistical methods of designing the flow part of jet elements	1976
19770094534	Cutting of new structural and nonmetallic materials	1976
19770094535	Study of penetration technology	1976
19770094537	Carbon monofilament production	1976
19770094541	Internal response analyses of earth penetrators	1976
19770094550	Low-frequency thru-transmission ultrasonic inspection of military tires	1976
19770094557	Helicopter version of RDS-2 system	1976
19770094559	Design study of the energy characteristics of thermionic electrogenerating cells and assemblies	1976
19770094560	Research on fuel cells	1976
19770094562	Selection of parameters of an optimum MHD generator with a high energy conversion factor	1976
19770094563	Full-scale test results of solar thermoelectric generators (STEG) and a method for calculating their productivity	1976
19770094565	Deep submergence aspects of lithium-seawater power cell	1976
19770094566	Development of an iron-air battery system for electric vehicles	1976
19770094573	Use of finite element techniques to analyze effects of inclined rock strata on site response	1976
19770094577	Molecular mechanisms of the epithelial transport of toxic metal ions, particularly mercury, cadmium, lead, arsenic, zinc and copper	1976
19770094586	RITA data processing system	1976
19770094610	Attenuation of spectral contrast in the atmosphere	1976
19770094624	CMOS/SOS radiation hardening	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094633	Specifications of the NASA procurement function	1976
19770094643	New motor vehicle and container handling equipment models being produced by Soviet industry	1976
19770094662	Q-flex accelerometer scale factor stability improvement	1976
19770094679	Combat air support target acquisition	1976
19770094680	Vulnerability assessment of non-metallic aircraft structures	1976
19770094694	Air combat effectiveness study (U)	1976
19770094726	Dynamic responses of aircraft shelters	1976
19770094731	Strategic reentry technology program (STREET-A IV), volume 8, task 4.1.4: Noretip shape regimes; laminar boundary layer with roughness	1976
19770094732	Strategic reentry technology program, phase 4 (STREET-A IV). Volume 9: Task 4.1.7 the effect of impact ejecta on a hypersonic noretip environment	1976
19770094736	Digital guided weapons technology, volume 2: System simulations	1976
19770094739	Midcourse guidance study for tactical guided weapons. Volume 1: Survey and analysis	1976
19770094744	Air target attrition model, AIM-7E-2 implementation analytical description (U)	1976
19770094792	Study of a pyrotechnic composition which gave rise to an incident (accidental ignition)	1976
19770094795	Effectiveness of increasing the quality of steel by smelting with the use of synthetic slag	1976
19770094796	Powder metallurgy of heat-resistant alloys and refractory metals	1976
19770094797	The effect of high-temperature thermomechanical treatment on the resistance of high-strength steel to deformation and fracture	1976
19770094798	Problems of metallurgists on increasing efficiency in the use of ferrous metals	1976
19770094799	Investigations of steel fatigue by means of nuclear physics methods: The course and results of two research experiments having as their goal a quantitative evaluation of fatigue phenomena	1976
19770094800	Improvement of wear resistance of piston rings by molybdenum spraying	1976
19770094805	State-of-the-art and development trends in textile dyeing	1976
19770094806	A study of styrene-butadiene rubber blends as improved flame agents	1976
19770094807	Foam investigation - report number 1	1976
19770094808	The state-of-the-art and future possibilities in the development of the technology for producing nonwoven materials by the method of hot pressing	1976
19770094809	New polycondensation reactions for synthesizing polymers with semiconducting properties	1976
19770094813	Anomalous pyrophoric and vaporific behavior of Teflon (trade name) projectiles	1976
19770094819	Pyrotechnical composition of white fire with periodic flashing of flames	1976
19770094846	Radiometric area correlation electronic countermeasure analysis	1976
19770094896	Evaluation of resistors purchased to MIL-R-39005 on resistor, fixed, wirewound, precision, molded, .15 watts	1976
19770094902	Selections from Handbook on Electrotechnology: Electro-erosive working of metals	1976
19770094903	Possibility of producing stimulated emission in electrochemiluminescent systems	1976
19770094904	A device for testing high voltage switches	1976
19770094913	CO2 laser heterodyne sensor. Supplement 2: Data reduction and analysis (U)	1976
19770094918	The Tsikl pneumatic system	1976
19770094921	Cryogenic airborne interferometer	1976
19770094956	ARPA/STO program (U)	1976
19770094959	Development of electron-beam welding procedures for fabrication of aluminum armored hulls	1976
19770094961	Focused light energy welding	1976
19770094962	Diagnostics of the cylinder-piston assembly of Ya MZ engines	1976
19770094964	Phase 1 of prediction of equipment failures by acoustical signature analysis	1976
19770094966	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094967	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094968	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094969	Standard electronic module program quality assurance activity test report	1976
19770094970	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094971	Mirrors, fused silica, aluminized, magnesium fluoride coated, general specification for	1976
19770094972	Filter, band pass, interference	1976
19770094975	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094976	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19770094977	Lenses, optical, fused silica, general specification for	1976
19770094979	R-2R ladder adder network source control drawing	1976
19770094982	Resistor, fixed, metal film source control drawing	1976
19770094984	Device evaluation test, relay	1976
19770094990	Evaluation of guidance torque motor. Motor and motor generators, miniature, permanent magnet, 1-30 volts, dc	1976
19770094991	Evaluation of drawing B1061, oscillators and signal generators, crystal, 0-3 KHz	1976
19770094993	Evaluation of fairchild microcircuit 54S133 per GE/AESD drawing no. 7540520P9	1976
19770094996	Quality assurance briefs, general technical data, multi-part/component reports	1976
19770094997	Standard electronic module program quality assurance activity test report	1976
19770094998	Standard electronic module program quality assurance activity test report	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094999	Standard electronic module program quality assurance activity test report	1976
19770095000	Standard electronic module program quality assurance activity test report	1976
19770095001	Standard electronic module program quality assurance activity test report	1976
19770095002	Standard electronic module program quality assurance activity test report	1976
19770095005	Diode, silicon, Zener	1976
19770095006	Source control drawing semiconductor device, diode, power rectifier	1976
19770095007	Source control drawing semiconductor device, diode, zener	1976
19770095008	Source control drawing relay, magnetic latch	1976
19770095009	Source control drawing semiconductor device, diode, zener	1976
19770095010	Source control drawing semiconductor device, diode, zener	1976
19770095011	Source control drawing semiconductor device, diode, zener	1976
19770095012	Filter, low pass source control drawing	1976
19770095016	Evaluation of Fairchild Schottky TTL parallel-in, parallel-out 8-bit shift registers per GE drawing 7637098	1976
19770095018	Architecture and performance of radiation hardened 64-bit SOS/MNOS memory	1976
19770095020	Self aligned radiation hard CMOS/SOS	1976
19770095021	Radiation induced memory loss in thin oxide MNOS devices	1976
19770095022	Prompt radiation damage and short term annealing in CMOS/SOS devices	1976
19770095023	Radiation hardened 64-bit CMOS/SOS RAM	1976
19770095024	Lubrication of ball bearings, procedure for	1976
19770095025	Quality assurance briefs: General technical data, multiple part/component report	1976
19770095026	Quality assurance brief. Finishes and surface treatments, cleaning and degreasing processes, NOC	1976
19770095027	Quality assurance brief. General technical data	1976
19770095028	Quality assurance briefs	1976
19770095029	Quality assurance briefs. Ceramic chip capacitors	1976
19770095032	Phototriangulation using electronic digital computers	1976
19770095045	Feasibility study of the collection, kinetic storage, and recovery of solar generated electrical power	1976
19770095046	Influence of the turbulent boundary layer on the characteristics of a Faraday MHD generator with solid electrodes	1976
19770095047	Comparative efficiency of power plants with high power open cycle magnetohydrodynamic generators	1976
19770095048	Method for selecting the optimum parameters of a binary-cycle atomic power station with a liquid-metal MHD generator	1976
19770095049	Comparative efficiency of electric power stations with high power open cycle MHD generators	1976
19770095050	Rapid thermal treatment in fluidized beds	1976
19770095052	Advanced simulation concepts program (U)	1976
19770095054	The elimination of systematic route and course errors from coordinate measurements using automatic surveying devices	1976
19770095056	Determination of the effective life time of O(D) in the ultraviolet photolysis of ozone	1976
19770095067	The physiological-hygienic substantiation for the thermal insulating properties of clothing with electrical heating for inhabitants of the far north	1976
19770095080	Modular missile borne computers. Volume 5: Data processing requirements (U)	1976
19770095098	Present state-of-the-art and prospects of optical communications	1976
19770095109	Aircraft signatures in the infrared 1.2 to 5.5 micron region. Volume 3: Aircraft measurements of C9A, C141A, F111E, C135A, T38A and F102A (U)	1976
19770095125	Method for the growth of corundum single crystals	1976
19770095126	The determination of interface and bulk trap states of IGFETs using deep level transient spectroscopy	1976
19770095136	Technical and economic analysis of standardization and independent subsystem development. Volume 2: Appendixes I-L (U)	1976
19770095167	Investigation of decelerating approaches of a twin-engine jet transport	1976
19770095174	One piece polyurethane UH-1D/H helicopter cover system. Helicopter cover system	1976
19770095183	Radiation environments internal to missile systems	1976
19770095187	Future space transportation systems analysis study. Volume 3: Transportation systems reference data	1976
19770095195	The carbon-carbon assessment program, appendix D, the laminar flow testing and results	1976
19770095234	Instability effects in thermal fatigue	1976
19770095235	Technical progress in ferrous metallurgy of the USSR	1976
19770095260	Institute for Teletransmission Theory	1976
19770095268	Development of a dual air turbine driven rare earth/cobalt alternator side well generator for general purpose bombs	1976
19770095272	Contact, electrical, 359725	1976
19770095274	Microelectronic circuits enclosed in plastic, supplement	1976
19770095277	The effects of limiting on tone signals in narrowband gaussian noise	1976
19770095279	Intermittency test on JANTX 1N4148-1 manufactured by General Electric Company	1976
19770095285	A note on the radiation-field noise of axisymmetric boundary layer flow	1976
19770095304	Diamond and Borazon (trademark) CBN compact cutting tool technology program	1976
19770095306	Quality assurance brief, operational amplifier	1976
19770095307	Quality assurance brief, transistor, general purpose	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770095308	Quality assurance briefs on EMI filters	1976
19770095309	Service life evaluation program report (H038-A2C) June 1976	1976
19770095310	Effects of defects and impurities in starting material on radiation hardness of CMOS/SOS devices	1976
19770095315	Quality assurance briefs, microcircuits	1976
19770095316	Quality assurance briefs on latching relays	1976
19770095317	Quality assurance briefs on ball bearings	1976
19770095319	Transistor-power, NPN, silicon	1976
19770095322	Application oriented hybrid technologies	1976
19770095323	Contact, electrical (350989)	1976
19770095327	Polypropylene tubing pressure test	1976
19770095333	Circuit breaker, environmental tests	1976
19770095334	Transformer, power (350069-1)	1976
19770095335	An electronic timer/sequencer	1976
19770095336	Fixed capacitors, electrolytic, tantalum, wet (slug or pellet)	1976
19770095337	Device evaluation test report on semiconductor transistor, general purpose, NPN bipolar, silicon	1976
19770095338	Diode/3063419 (g). Source control drawing semiconductor device, diode, switching	1976
19770095339	Source control drawing diode, beam lead, general purpose	1976
19770095340	Source control drawing relay, armature	1976
19770095341	Standard electronic module program quality assurance activity test report	1976
19770095342	Standard electronic module program quality assurance activity test report	1976
19770095343	Standard electronic module program quality assurance activity test report	1976
19770095344	Verification test of pyrofilm FL-1/4 film resistors	1976
19770095345	Evaluation tests of R.OHM CRB deposited metal film resistors	1976
19770095346	Ten-year surveillance program report	1976
19770095348	Connectors, electrical, receptacle only, printed circuit, rectangular, environmental	1976
19770095351	Qualification of VARI-L RF transformer per GE drawing 7536558	1976
19770095353	Device evaluation test report on semiconductor, transistor, general purpose, NPN bipolar, silicon	1976
19770095355	Standard electronic module program quality assurance activity test report	1976
19770095356	Standard Electronic module program quality assurance activity test report	1976
19770095357	Standard electronic module program quality assurance activity test report	1976
19770095358	Standard electronic module program quality assurance activity test report	1976
19770095359	Standard electronic module program quality assurance activity test report	1976
19770095360	Standard electronic module program quality assurance activity test report	1976
19770095361	Standard electronic module program quality assurance activity test report	1976
19770095362	Standard electronic module program quality assurance activity test report	1976
19770095363	Standard electronic module program quality assurance activity test report	1976
19770095364	Standard electronic module program quality assurance activity test report	1976
19770095365	Standard electronic module program quality assurance activity test report	1976
19770095366	Relays, armature, .2 amp, hermetically sealed, 4PST	1976
19770095367	A field terminated diode	1976
19770095369	Amplifier, electronic control	1976
19770095370	Current transformer assembly	1976
19770095371	Amplifier, electronic control	1976
19770095372	Part review request on semiconductors, diode, rectifier, silicon, diffused, glass	1976
19770095373	Part review request on semiconductors, diode, rectifier, silicon, diffused, glass	1976
19770095374	Reliability engineering test report on microelectronic circuits, hybrid, regulator, thick films, plug-in, ceramic	1976
19770095375	Reliability engineering test report on microelectronic circuits, hybrid, regulator, thick films, plug-in, ceramic	1976
19770095376	Reliability engineering test report on microelectronic circuits, hybrid, regulator, thick films, plug-in, ceramic	1976
19770095377	Seal, drip proof	1976
19770095378	Reliability engineering test report on microelectronic circuits, hybrid, regulator, thick films, plug-in, ceramic	1976
19770095379	Reliability engineering test report on microelectronic circuits, hybrid, regulator, thick films, plug-in, ceramic	1976
19770095380	Device evaluation test report on semiconductors, diode, rectifier, junction, ion-implanted, lead-axial, beam	1976
19770095381	Evaluation of Fairchild Schottky TTL dual 2-wide, 2-input and-or-invert gate (54S51) per general electric drawing 7536999	1976
19770095382	Evaluation of Fairchild Schottky TTL triple 3-input NAND gate (54S10) per General Electric drawing 7536992	1976
19770095384	Evaluation of Fairchild microcircuit (54S140) per GE/AESD drawing 7537099P1	1976
19770095388	Trident (C4) power diode and transistor characterization, volume 1	1976
19770095389	Qualification of drawing 2827880	1976
19770095390	Qualification of drawing 2827881	1976
19770095393	Qualification of resistors purchase to MIL-R-39007 on resistor, fixed, wirewound, NOC, conformal coating, 2-10 watts	1976
19770095394	The response of linear discrete systems to modulated sequences	1976
19770095395	How switches produce electrical noise	1976
19770095396	Long time polarization currents in metal oxide varistors	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770095397	High-frequency and high-current studies of metal oxide varistors	1976
19770095398	MNOS memory element characterization under total dose ionizing radiation	1976
19770095399	The autocorrelation function and spectra of a signal that has been randomly sampled	1976
19770095400	The effects of heat treatment on the performance of Borazon compact cutting tools machining alloy steels	1976
19770095401	Rectifier, semiconductor device	1976
19770095402	Evaluation of new design 1024 bit prom (256X4)	1976
19770095403	Leads, tin plated, flat package and dip evaluation of signetics sunnyvale tin plate facility	1976
19770095404	Reliability engineering test report on semiconductors, diode, voltage reference, silicon	1976
19770095406	MIL-S-901 shock test on modules, composite, NOC	1976
19770095407	Qualification report betatronix potentiometers	1976
19770095413	Stress analysis of aircraft tires. Volume 1: Analytical formulation	1976
19770095414	Stress analysis of aircraft tires. Volume 2: User's manual	1976
19770095432	Military Medical Journal, no. 11	1976
19770095443	The generation of prolate spheroidal angle functions on the digital computer	1976
19770095452	Some considerations on the adaptive gain sequence used in the CSD algorithm for AGS-80	1976
19770095455	Infrared continuum absorption by atmospheric water vapor in the 8-12 micrometer window	1976
19770095456	Projected performance for a portable IR imager	1976
19770095457	FLIR window materials for advanced combat aircraft: Their impact on system sensitivity	1976
19770095458	Imaging infrared scan converter	1976
19770095459	Athermal infrared optics	1976
19770095460	Automatic low frequency gain limiting for A-C coupled signal processing systems	1976
19770095462	Thermal imaging camera observations of mortar and artillery firings	1976
19770095464	Systems tradeoffs for second generation FLIR	1976
19770095468	A systems engineer's guide to specifying Vuilleumier refrigerators	1976
19770095469	Laser degradation of imaging arrays	1976
19770095470	Degradation of germanium infrared windows	1976
19770095475	An overview of the Naval Undersea Center's acoustic imaging system	1976
19770095484	A constant magnification optical bar code reader	1976
19770095492	On the plasticity of amorphous and crystalline solid bodies	1976
19770095499	A guide for planning aviation research based on world-wide economic implications	1976
19770095511	Simplified test equipment for internal combustion engines (STE/ICE) engineering development phase	1976
19770095516	Inertial guidance of rockets	1976
19770095518	The 1976 JANNAF Propulsion Meeting, volume 3	1976
19770095519	Development status of movable nozzle system technology for an advanced ICBM lower-stage motor	1976
19770095520	Development of folded petal Extendible Nozzle Exit Cone (ENEC) for an MX upper stage motor	1976
19770095521	Trapped ball nozzles for tactical missiles	1976
19770095522	Booster motor for US Navy Tomahawk Cruise Missile	1976
19770095523	Reduced smoke maverick development	1976
19770095524	Visibility of rocket exhaust smoke	1976
19770095525	Control of solids distribution in HTPB propellants	1976
19770095526	Air launch movable nozzle thrust vector control	1976
19770095527	Air Force future thrust vector control requirements	1976
19770095528	Development of an impulse control steering system	1976
19770095529	Motor acoustic pulsing	1976
19770095530	Paper-phenolic motor case technology	1976
19770095531	Braided composite motor cases	1976
19770095532	Evaluation of structural computer codes applicable to solid rocket nozzle analysis	1976
19770095533	Supersonic expendable turbine engine	1976
19770095534	Podded ramjet engine combustor development	1976
19770095535	Development of improved thermal protection systems and nozzles for ramjet combustors usings ablative and carbon/carbon composite materials	1976
19770095536	The performance of heat treated DC 93-104 liners in subscale ramjet tests with backside heating	1976
19770095537	Charge design approaches to the reduction of low zone stickers	1976
19770095538	Fracture mechanics design data for Ti-6Al-4V titanium alloy tanks containing hydrazine	1976
19770095539	Design solutions to factors limiting the life of monopropellant hydrazine thrusters	1976
19770095540	Reliability modeling of auxiliary space propulsion system	1976
19770095541	The cold ammonia propulsion system for the Lincoln experimental satellites LES-8 and -9	1976
19770095542	Solid rocket motors for the interim upper stage	1976
19770095543	Solid propulsion growth technology for upper stages	1976
19770095544	Space tug engine performance verification program	1976
19770095547	Heat capacities of E-glass, cross-ply, S-glass, cross-ply, and S-glass, unidirectional epoxy composites	1976
19770095548	Seaways and fretting corrosion resistance of Inconel 625 weld overlays and base metal	1976
19770095549	A method for making sintered articles on a titanium base	1976
19770095552	Emissions of volatiles from electrical insulation materials, group 2	1976
19770095567	Production assessment test (2760215-1)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770095569	The effect of a repulsion of generation frequency in a ring laser with nonlinear absorption	1976
19770095574	Software reliability	1976
19770095576	IGT forecast of United States energy consumption in 1976	1976
19770095578	The production of cell-free extracts of red tide algae and the halo effect studies	1976
19770095584	Micro-programmable data terminal	1976
19770095585	Improved gradient estimates as applied to the CSD algorithm for a GS-80	1976
19780002639	Guidelines for forecasting energy demand	1976
19780002661	Underground storage of heat	1976
19780002921	Near term feasibility of nuclear reactor for sea-water desalting: Coupling of standard condensing nuclear power stations to low grade heat multieffect distillation plants	1976
19780002952	Evaluation of neutron streaming through injection ports in a Tokamak-type fusion reactor	1976
19780002953	Shock tube study of the coefficient of thermal conductivity of helium, neon, argon and krypton	1976
19780003897	Electron energy distribution in a high pressure gas discharge sustained by a high current electron beam	1976
19780004898	Response of confined plasmas to injection of matter	1976
19780004899	Nonlinear Landau effect in the case of an electron plasma wave spectrum	1976
19780004900	Correlated propagators and average trajectories in turbulent plasmas	1976
19780005645	Canada's renewable energy resources: An assessment of potential	1976
19780005665	Some basic considerations of measurements involving collimated direct sunlight	1976
19780006208	Massive particle formation in a type 316 stainless steel during creep	1976
19780006970	Frequency characteristics of the horizontal motion of a JT-60 plasma column	1976
19780007268	The fluorination of cobalt and zinc	1976
19780008925	Experiments with a resistive model shell for Tokamak apparatus	1976
19780008935	Large magnetic coils: Design accompanying calculation and optimization. Regarding orthotropic interlayers, temperature and elastic supports-derivation of a special finite element	1976
19780009553	Determination of traces of mineral oil in water	1976
19780013719	Study of some recent advances in the concept and design of MHD generators	1976
19780015310	Economic pre-feasibility study: Large-scale methanol fuel production from surplus Canadian forest biomass. Part 2: Working papers	1976
19780015557	Thermal Surveillance of Active Volcanoes Using the LANDSAT-1 Data Collection System. Part 5: Electronic Thermal Sensor and Data Collection Platform Technology	1976
19780020374	Radar data extraction. An ergonomic evaluation of the iontron digiplot on board SS 'Methane Princess'	1976
19780020667	Solar heating system installed at Lynchburg, Virginia	1976
19780021562	The NASTRAN Programmer's Manual (Level 16.0)	1976
19780070025	Government/Industry Workshop on methods for the certification of digital flight controls and avionics	1976
19780070379	Graphite/epoxy pressure vessels lined with ultra-thin titanium	1976
19780070738	NASA Industrial Applications Center University of Southern California	1976
19780070830	Wind tunnel test OA175 of the 0.030-scale SSV orbiter model (47-0) in the 11 by 11-foot leg of the NASA-ARC unitary plan wind tunnel (OA175), volume 2	1976
19780071149	Auditory evoked potentials during selective listening to dichotic speech messages	1976
19780071326	Investigation of water-soluble chemiluminescent materials	1976
19780071435	A study to recommend NASA high power laser technology and research programs	1976
19780071545	Project SAGE: Solar Assisted Gas Energy project	1976
19780072297	Selective attention and the auditory vertex potential. 2: Effects of signal intensity and masking noise	1976
19780072843	Study of the Geochemistry and Dispersal of Radionuclides and Trace Metals in Chesapeake Bay Sediments	1976
19780072971	Auditory evoked potentials during multichannel selective listening: Role of pitch and localization cues	1976
19780073055	Infrared observations of the late-type stellar component of elliptical galaxies	1976
19780073421	Program of thermoelectric generator testing and RTG degradation mechanisms evaluation	1976
19780073526	Physiological responses to environmental factors related to space flight	1976
19780073527	Helium-cold hypothermia, an approach to depressed metabolism and thermoregulation	1976
19780073629	Contribution to the study of the dynamics of crystal lattices of Sr Cl ₂ , Na NO ₂ and Rb Cl by Raman effect and neutron diffusion	1976
19780073728	Development of a rocket-borne ozone sonde	1976
19780073886	Skylab: An Experiment in Geothermal Studies	1976
19780073887	Analysis of soil variability with repetitive aerial photography	1976
19780074287	Coatings for protecting Ni-base TaC eutectics against oxidation	1976
19780074376	Theory of thermal microwave emission from a two-layer medium	1976
19780074471	Solar energy: Proceed with caution, revision 1	1976
19780075527	World weather program. Plan for fiscal year 1977	1976
19780076239	Commonality in future civil/military large cargo aircraft: Prospects and problems	1976
19780076262	Technology readiness study	1976
19780076609	Available Supply of Gallium and Arsenic	1976
19780076723	Level of test model user's guide	1976
19780076830	About dogma in science, and other recollections of an astronomer	1976
19780076974	Advanced design studies of the RF ion mass spectrometer instrument for planetary applications	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780077208	Search for extraterrestrial intelligence	1976
19780077567	Relation between beam and diffuse attenuation coefficients in the lower Chesapeake Bay area	1976
19780077719	Short haul air passenger data sources in the United States	1976
19780077810	The application of an optical fourier spectrum analyzer on detecting defects in mass-produced satellite photographs	1976
19780078047	RLE progress report	1976
19780078060	Aerodynamic characteristics of a powered tilt-proprotor wind tunnel model	1976
19780078137	Wildlife resources antenna concept study	1976
19780078195	NASA educational publications	1976
19780078306	Western energy related overhead monitoring project, phase 1 summary	1976
19780078679	The Use of LANDSAT Digital Data and Computer Implemented Techniques for an Agricultural Application	1976
19780078760	Additional studies of externally blown flap noise	1976
19780078795	An experimental investigation of a turbulent boundary layer with suction through closely spaced steamwise slots	1976
19780079239	Explosive Cenozoic volcanism and climatic implications	1976
19780080135	Investigation of the vulnerability of powered lift STOL's to wind shear	1976
19780080164	Technology readiness study	1976
19780080173	Radiometric services in support of NASA space shuttle calibration facility	1976
19780080195	Space shuttle ET noncontinuum flow heat transfer and data analysis. Volume 1: Rarefied flow interference heating on the external tank	1976
19780080205	Payload specialist station study. Volume 3: Program study cost estimates. Part 3: Cost data	1976
19780080209	Shuttle program: Development of the technology payload model	1976
19780080213	Future space transportation systems analyses study	1976
19780080214	Multi-use Mission Support Equipment (MMSE) Study. Volume 1: Executive summary	1976
19780080218	Specification for spacecraft window development	1976
19780080234	Adaptive polarization separation experiments	1976
19780080249	Multiple compartment venting through pipes and orifices including the effects of heat transfer. Volume 1: Methodology and user's guide	1976
19780080250	Multiple compartment venting through pipes and orifices including the effects of heat addition. Volume 2: Program listings	1976
19780080282	An evaluation of an antivertiginous drug in man, 1. The effect of SL/4 light environment and confinement on rhythm synchrony and deconditioning, 2. An evaluation of the antivertiginous drugs promethazine/ephedrine and scopolamine/dexedrine in man, 3	1976
19780080348	Orientation, gyroscopes and inertial navigation, part 1	1976
19780080349	Orientation, gyroscopes and inertial navigation, part 2	1976
19780080357	GBU-15 lateral in-plane coupling stability analysis	1976
19780080359	BAT-ARDOR flyable dual-axis prototype tracker development and flight test program	1976
19780080369	Light experimental supercruise conceptual design	1976
19780080382	Development in air breathing jet engines	1976
19780080388	Air combat simulator analysis	1976
19780080390	Reentry vehicle materials technology (REVMAT) program: Evaluation of REVMAT carbon-carbon nosetip materials	1976
19780080411	TIROC - 0.5 LBf through bipropellant engine evaluation	1976
19780080416	Manual for operation of the motor of the short distance SSMX-1A main rocket	1976
19780080417	F. A. Tsander and modern cosmonautics (selected articles)	1976
19780080421	Certain new types of organophosphorus compounds	1976
19780080423	Adhesion of glass-composite materials to metals	1976
19780080425	Domestic types of cemented carbides coated with a layer of TiC or TiN	1976
19780080437	What can fragments of molecules do	1976
19780080439	Kinetics and mechanism of thermal decomposition of hydrazine borane solutions in hydrazine. 2: Investigation of thermal decomposition mechanism	1976
19780080440	Problems of electrophysics of combustion collection of articles	1976
19780080444	Methods of improvement of the quality of ferrous metallurgy production	1976
19780080445	The effect of impurities of antimony and tin on the properties of structural steel 35KhGSA	1976
19780080446	Thermal slag remelting of metal shavings	1976
19780080447	Fusing method of solid state lubricant for metal extrusion	1976
19780080449	Mechanical properties of titanium and its alloys, selected articles	1976
19780080459	The synergism of additives in boundary layer and in bulk	1976
19780080479	Communication systems with noise-like signals	1976
19780080500	Digital synchronous auto-correlation signal demodulator for phase-difference manipulation of the second order	1976
19780080503	Survey results and suggested R and D programs for solid state millimeter wave technology	1976
19780080505	Superhigh frequencies technique (theoretical base)	1976
19780080522	Development of unique signal switch	1976
19780080523	Fluidics stream elements with supercirculation gain of momentum of stream interactions	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080524	Strategic reentry technology program, phase 4 (STREET-A TV). Volume 12, task 4.1.4: Reynolds number and roughness heights necessary to cause blunt turbulent equilibrium shape change in ground tests and in ballistic reentry flights	1976
19780080525	Solution of one dimensional hydrodynamic equations in terms of an expansion of B-splines	1976
19780080529	Flight dosimeter for Apollo and Skylab	1976
19780080542	The electric power supply sources of lasers	1976
19780080554	Special welding methods	1976
19780080572	Customer test of the drum, fabric, collapsible, potable water, 250-gallon capacity (nonvented), for LAPES	1976
19780080573	Customer test of the drum, fabric, collapsible, liquid fuel 500-gallon capacity (nonvented), model 5-14-191-1 (short type), for LAPES	1976
19780080575	Joining footwear components by means of ultrasonic vibrations	1976
19780080577	New results of the 100 million device-hour reliability testing of TTL-series SSI digital integrated circuits. Part 2: Test results and their defect-physical interpretation	1976
19780080578	SEM quality assurance activity test report on modules, composite, NOC	1976
19780080579	SEM quality assurance activity test report on modules, composite, NOC	1976
19780080580	Sem quality assurance activity test report on modules, composite NOC	1976
19780080581	Sem quality assurance activity test report on modules, composite, NOC	1976
19780080582	Sem quality assurance activity test report on modules, composite, NOC	1976
19780080583	SEM quality assurance activity test report on modules, composite, NOC	1976
19780080584	SEM quality assurance activity test report on modules, composite, NOC	1976
19780080585	SEM quality assurance activity test report on modules, composite, NOC	1976
19780080586	SEM quality assurance activity test report on modules, composite, NOC	1976
19780080587	SEM quality assurance activity test report on modules, composite, NOC	1976
19780080588	SEM quality assurance activity test report on modules, composite, NOC	1976
19780080589	MK-98 module qualification test report on modules, composite, NOC	1976
19780080590	AN/BQQ-6 module qualification test report	1976
19780080591	Sem quality assurance activity test report	1976
19780080607	Industrial layout for the production of hydrogen	1976
19780080608	Problem of selecting the configuration of electrodes of a thermionic convertor	1976
19780080609	On the research of fuel cells	1976
19780080610	Thermotechnical problems in direct energy conversion (selected articles)	1976
19780080619	The foreign scientific-technical literature on geodesy and cartography	1976
19780080620	Questions of the quality and effectiveness of topographic-geodesic and cartographic production	1976
19780080621	The International Association of Geodesy at the General Assembly of the International Geodesic and Geophysical Union	1976
19780080645	A critical comparison of several implementations of programming languages	1976
19780080654	A digital system for image processing and pattern recognition	1976
19780080663	Nature of the high coercive force of finely dispersed, ferromagnets and the theory of single-domain structure	1976
19780080674	On the prospects of MHD conversion energy	1976
19780080675	Experimental determination of the elements of the mathematical model of a MDH. generator	1976
19780080676	Magnetohydrodynamic instabilities of liquid and solid conductors. Destruction of conductors by an electric current	1976
19780080677	Closed cycle MHD generators with non-equilibrium plasma	1976
19780080678	Development of MHD power generation in the USSR	1976
19780080690	Acronyms, abbreviations, and initialisms	1976
19780080700	Load analysis and critical area stress analysis of the 126-AR00036 and 126-AR00037 parachute testers when installed on the F-4C/D aircraft centerline station	1976
19780080716	Basic avionics subsystems integration concept. Configuration 1: Definition. Volume 2: Detailed considerations	1976
19780080717	Basic avionics subsystem integration concept. Configuration 1: Definition. Volume 1: Executive overview	1976
19780080718	F-4D aircraft cost comparison study. Scan Converter Display System (SCDS) versus Digital Scan Converter (DSC)	1976
19780080753	Quantum chemistry and catalysis	1976
19780080754	Continuous mass spectrometric analysis of particulates using surface ionization	1976
19780080755	Interaction of metals and alloys with silicon-based ceramics	1976
19780080756	Effect of water on beta alumina conductivity	1976
19780080759	Interdiffusion studies on contact plating materials	1976
19780080763	Stability of amorphous metallic alloys	1976
19780080764	What we do not know about corrosion	1976
19780080765	Load relaxation testing of a superplastic superalloy	1976
19780080792	Microcircuit, hybrid, amplifier, thin film	1976
19780080794	Second breakdown in power transistors to avalanche injection	1976
19780080795	Finite element solution of magnetic and electric field problems in electrical machines and devices	1976
19780080800	A study of transient processes and emergency conditions in high-voltage thyristor switches	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080802	Production assessment test report on semiconductors, special types of, matched, silicon, planar epitaxial	1976
19780080805	Production assessment test report on semiconductors, transistors, general purpose, silicon, PNP planar, metal can	1976
19780080806	Production assessment test report (2760408-1). Semiconductors, special types of, matched, silicon, planar epitaxial	1976
19780080808	Device evaluation test report on semiconductors, transistors, general purpose, silicon, PNP, planar, ceramic	1976
19780080809	Production assessment test report (2760435-1) on semiconductor, diode, general purpose, silicon, diffused, glass	1976
19780080813	A system evaluation of lead-acid battery chargers	1976
19780080814	Influence of low lifetime regions on recombination in high lifetime regions of semiconductors	1976
19780080815	Electrical properties of platinum in silicon as determined by deep-level transient spectroscopy	1976
19780080846	Investigation of the operation of the fuel supply system in a torch ignition engine with light fuel injection	1976
19780080867	Predicting the flexural rigidity of thermoplastic structural foams	1976
19780080874	Two kilowatt long life battery	1976
19780080878	Effect of the geometric development of the surface of a cathode on the specific power of a thermionic converter with surface ionization	1976
19780080879	Prospects for MHD power stations	1976
19780080881	Sodium-sulfur battery research	1976
19780080882	The performance of prototype sodium-sulfur cells	1976
19780080906	Real-time adaptive linear prediction using the LMS gradient algorithm	1976
19780080916	Abstracts from powerful nanosecond pulsed sources of accelerated electrons	1976
19780080919	The effect of currents on wind wave spectra - analysis of a laboratory experiment	1976
19780080923	The role of oxygen in irradiated arsenic-doped silicon	1976
19780080924	Ionic transport and electronic exchange at solid electrolyte interfaces	1976
19780080927	Preliminary evaluation of a technique for predicting buffet loads in flight from wind-tunnel measurements on models of conventional construction	1976
19780080930	Development, test and computer modeling of the GRU-15 Planar Wing Weapon (PWW) airframe (U)	1976
19780080950	Design of a subsonic multi-mission lift/cruise fan V/STOL aircraft (U)	1976
19780080951	Net Jinx (U)	1976
19780080955	Vulnerability analysis of the A-4M and AV-8A aircraft to selected threats (U)	1976
19780080962	UTTAS COEA survivability study (U)	1976
19780080983	Turbine engine high flow compressor. Volume 1: Aerodynamic and mechanical design (U)	1976
19780080986	Variable cycle engine technology development program (U)	1976
19780080987	High Mach Turbopropulsion Combustor (HMTC) technology, 2 (U)	1976
19780081001	General Support Rocket System (GSRs) accuracy risk analysis (U)	1976
19780081004	Strategic reentry technology program (street A IV). Volume 15: Task 4.1.9.4, dispersion support study (U)	1976
19780081009	PACOM satellite link vulnerability summary for Project APACHE (U)	1976
19780081021	Investigation of a medium range air-to-air integral rocket/ramjet missile. Volume 1: Executive summary (U)	1976
19780081030	Advanced launch vehicle shroud structures study (U)	1976
19780081034	DSCS link vulnerability analysis for Project APACHE (U)	1976
19780081038	Future space transportation systems analysis study. Phase 2: Midterm briefing 7 June 1976	1976
19780081047	Solid fuel ramjet combustor program (U)	1976
19780081048	Flightweight variable geometry nozzle development (U)	1976
19780081051	Vacuum ultraviolet plume and background measurements in the upper atmosphere (PLUMAR (U)	1976
19780081059	Reaction-sintered silicon nitride material optimization for radome applications (U)	1976
19780081071	Comparison of activation and vacuum distillation for determination of oxygen in sodium	1976
19780081079	Mechanisms of elevated temperature low cycle fatigue failure in austenitic stainless steels	1976
19780081080	Creep and stress rupture behavior of a single cast of type 316 steel at 575 deg C and 625 deg C	1976
19780081092	CM versus advanced contrast trackers (U)	1976
19780081166	Magnetic fields near air gaps, or a century of two dimensional recording heads	1976
19780081176	Measurement of spectral radiance transmitted through aircraft canopy plastics during irradiation by a carbon dioxide laser (U)	1976
19780081177	Laser cross section computer simulator (U)	1976
19780081179	MTU optical system analysis (U)	1976
19780081183	Laser impulse applications research, (nh)volume 1 (U)	1976
19780081192	Plane-strain stress intensity factors for cracked hexagonal subassembly ducts	1976
19780081193	Data processing and evaluation for Panama City coastal survey: Discrimination of water-borne targets (U)	1976
19780081195	Silviculture biomass plantation: Chemical production by conventional processes and future price projections	1976
19780081197	Adoption and utilization of energy conservation in local government: A decision making study	1976
19780081204	Tactical Environmental Support System (TESS) study. Volume 2: Main report (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081217	Symposium on Transient Radiation Effects and Techniques for Circuit Hardening STRETCH. Volume 2: Visual aids document (U)	1976
19780081234	Superconductor technology for fusion magnets	1976
19780081238	Structure of fast reactor irradiated solution treated Aisi type 316 steel	1976
19780081247	Moments and forces on general convex bodies in hypersonic flow	1976
19780081273	Evaluation of potential S-3A flying qualities improvement program modifications	1976
19780081274	Evaluation of pressure sensitive reflective sheeting on model S3A airplane wing and fin fold warning flags	1976
19780081275	Helicopter/aviation facility ship compatibility program, SH-2F/DD-963 class dynamic interface evaluation	1976
19780081283	An investigation of the high altitude capabilities of future ASW aircraft (U)	1976
19780081306	Evaluation of S-3A airplane engine stalls and flameouts during inflight refueling	1976
19780081319	Evaluation of the WR27-1 auxiliary power unit in the S-3A airplane	1976
19780081381	Validation of AIM-9J mathematical model (U)	1976
19780081389	Launch tube height/depression analysis (M113 vehicle armored TOW missile) (U)	1976
19780081395	Midcourse guidance study for tactical guided weapons. Volume 2: Guidance law compensation (U)	1976
19780081453	Mechanisms of ablation of silicone resins exposed to high intensity laser radiation (U)	1976
19780081454	Aluminized mixed amine fuel 1	1976
19780081474	Church anchor explosive source (SUS) propagation measurements from R/P flip (U)	1976
19780081489	Noise analysis of voltage probe antenna circuits, part 1	1976
19780081499	StandOff Target Acquisition System (SOTAS) (U)	1976
19780081502	Reference imagery for correlation guidance. Volume 1: Sensitivity analysis and template selection (U)	1976
19780081511	Symposium transient radiation effects and techniques for circuit hardening (STRETCH). Volume 1: Visual aids documents (U)	1976
19780081539	Expendable pulse TWT development, phase 1 (U)	1976
19780081544	Low band millimeter wave TWT QKW1756 (U)	1976
19780081545	Low band millimeter wave TWT QKW1756 (U)	1976
19780081548	High-band millimeter-wave TWT (U)	1976
19780081549	High-band millimeter-wave TWT (U)	1976
19780081550	High-band millimeter-wave TWT (U)	1976
19780081552	Management of radiation hardened electronic systems development. Volume 1: Stretch course summary (U)	1976
19780081659	Anthropometric accomodation of a female population in a workplace designed to male standards	1976
19780081692	Infrared emission of typical infrared flare formulations with various additives (U)	1976
19780081735	Final report for sailwing integration and lateral dynamic study (U)	1976
19780081742	A preliminary utility and effectiveness analysis of radiometric area correlation guidance (U)	1976
19780081751	A preliminary examination of the effectiveness of mini-RPV concepts (U)	1976
19780081830	System evaluation for hardened CMOS/SOS applications to booster/reentry requirements. Volume 1: Hardened CMOS/SOS technology evaluation (U)	1976
19780081836	Solid fuel ramjet combustor development, volume 3 (U)	1976
19780081842	Ice erosion of advanced nosetip and heat shield materials (U)	1976
19780081843	Fighter launched advanced material experiment (flame) program. Flight test data evaluation report (U)	1976
19780081855	Space stable shroud material (U)	1976
19780081890	Examination of the wing 2 (old Minuteman) UHF antenna EMP response in the dining car event (U)	1976
19780081901	INTELSAT link vulnerability analysis for project APACHE (U)	1976
19780081905	Radiation effects in a RB frequency standard (U)	1976
19780081908	UHF SATCOM link vulnerability analysis for Project APACHE (U)	1976
19780081917	Demonstrate a dual mode traveling wave tube	1976
19780081926	Heat shield, part 1	1976
19780081927	Heat shield, part 2	1976
19780081941	Additional capabilities for laser scoring system	1976
19780081995	Human factors test and evaluation manual (HFTEMAN). Volume 1: Data guide	1976
19780081996	Human factors test and evaluation manual (HFTEMAN). Volume 2: Support data	1976
19780081997	Human factors test and evaluation manual (HFTEMAN). Volume 3: Methods and procedures	1976
19780082001	Automatic drafting system Digigraf: Technical information	1976
19780082048	Radiation effects in polysilicon-gate CMOS	1976
19780082065	Naval Emergency Aircraft Cargo Delivery System (NEACDS)	1976
19780082067	Reliability and maintainability test and evaluation of P-3B TAC/NAV MOD system	1976
19780082072	Evaluation of in-flight refueling by the model S-3A airplane from A-4 and A-7 tankers with D-704 aerial refueling stores	1976
19780082073	Structural demonstration and flying qualities evaluation of composite material spoilers on the S-3A airplane	1976
19780082077	Piloted investigation of a remotely piloted vehicle remote operator's station. Volume 1: Simulation report	1976
19780082078	Effects of simulated and actual wing-gunfire damage on aerodynamic characteristics and maneuvering performance of a cropped delta-wing aircraft douglas model a-4 SKYHAWK	1976
19780082091	Evaluation of the AN/AYK-2 vibrations isolators in the SH-3 series aircraft	1976
19780082094	Stores management system software programs description and configuration, book 1	1976
19780082095	Stores management system software programs description and configuration, book 2	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082101	Evaluation of teletype equipment for P-3A/B aircraft, TT-581/AG display unit and TT-707 teletypewriter	1976
19780082103	Evaluation of avionics cooling improvement for the MX-4826/AQH-IV tape transport/power supply unit	1976
19780082104	P-3B NAV/ASW systems modernization program preproduction equipment electromagnetic compatibility evaluation	1976
19780082107	Turbine engine advanced cycle analysis	1976
19780082109	TF34 engine component improvement program, TF-2/400 engine	1976
19780082117	An/AQM-22 flight line analyzer evaluation	1976
19780082123	Experience gained in building a snow airfield for wheeled aircraft	1976
19780082164	Erosion of modeled heatshield concepts	1976
19780082167	Advanced composites design guide. Volume 1: Design, third edition, second revision	1976
19780082185	Possibilities of affecting structure and material characteristics during hot forming	1976
19780082216	Filtered stores ejection cartridge development program	1976
19780082219	Extreme values of Surface Effect Ship (SES) responses in a seaway. Part 3: Extreme value analysis of SES-100B test results	1976
19780082254	Transformers, three phase, hermetically sealed, 60 hertz only	1976
19780082255	Ion implantation techniques for microwave power transistors	1976
19780082256	Encoder, brushless DC motor	1976
19780082257	Multiplier, phototube	1976
19780082259	A signal conditioning and display system for use with multi-channel transducer installations	1976
19780082268	Computer codes for nosetip recession and in-depth thermal analysis: NOHARE, NOSEC, NODGEN	1976
19780082294	Establishment of a continuous wave laser welding process	1976
19780082308	Development of integrally shrouded fan	1976
19780082326	Report of the countermeasure: Committee for Energy Technology	1976
19780082333	The dependence of ozone depletion on the latitude and altitude of injection of nitrogen oxides by supersonic aircraft	1976
19780082359	Visual examination requirements and use of optical aids for inspection staff at the depot jet engines, DSM, in woensdrecht	1976
19780082426	Modelling of optical IR backgrounds	1976
19780082427	Encoder, wavelength camshaft	1976
19780082443	Proceedings, department of defense 11th cost analysis symposium	1976
19780082446	The infrared size of M82	1976
19780082475	Analysis of radar-inertial and Loran-inertial integrated navigation/bombing systems (U)	1976
19780082479	Rescue hoists for helicopters	1976
19780082489	Preliminary evaluation of A-10A handling qualities	1976
19780082490	The A-10A performance evaluation	1976
19780082501	Air-to-ground gunnery simulation computer program, P0655	1976
19780082507	Characteristics of targets, backgrounds, and atmospheric optical environment during the advanced attack helicopter test (CDEC) experiment 43.7, phase 2A, (U)	1976
19780082558	Solid fuel ramjet combustor development, volume 1 (U)	1976
19780082559	Solid fuel ramjet combustor development. Volume 2: Appendices A and B (U)	1976
19780082573	Random delay clustered airfield defeat (CADM) analysis (U)	1976
19780082578	Apollo Soyuz mission planning and operations	1976
19780082612	Qualification of MIM-72C magnetics	1976
19780082615	Lageos orbital acquisition and initial	1976
19780082649	A hybrid simulation for short range air-to-air missile modeling (U)	1976
19780082674	Survivability Analysis Group (SAG). Volume 1: Executive summary (U)	1976
19780082675	Survivability Analysis Group (SAG). Volume 2: Detailed system analysis (U)	1976
19780082686	Observables control techniques for launch and deployment of survivable satellites. Volume 3: Performance against a particular responsive threat (U)	1976
19780082689	Investigation of a medium range air-to-air integral rocket/ramjet missile. Volume 3: Appendices (U)	1976
19780082690	Investigation of a medium range air-to-air integral rocket/ramjet missile. Volume 2: Engineering, cost, and effectiveness analysis (U)	1976
19780082743	Erosion Resistant Noretip Materials (ERNM) (U)	1976
19780082744	HBr fundamental line broadening by argon and helium between 212-298 K	1976
19780082751	The magnetic and electronic properties of amorphous nickel phosphorus alloys	1976
19780082753	Effect of heat treatment on the fracture toughness of the Ti-15M o alloy	1976
19780082764	Evaluation of fusion welded 300M alloy steel	1976
19780082770	Influence of composition on the Eu(2+) - Eu(3+) redox equilibrium in silicate glass	1976
19780082793	Nature and source of wax in Paraho-Gary western diesel fuel	1976
19780082820	Aurora SREMP study. Characterization of the photon radiation field	1976
19780082865	Analytical evaluation of response of AN/WSC-3 satellite terminal to effects of high altitude EMP (U)	1976
19780082924	Noise quality measurements on ALQ-99 exciter (U)	1976
19780082942	Transformer source control drawing	1976
19780082943	Crystal, quartz, 10 MHz source control drawing	1976
19780082944	Evaluation of Sprague capacitors per GE drawing 7536712	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082945	Evaluation of advanced Micro Devices' microcircuit CAM934151 per GE/AESD drawing 7557092	1976
19780082946	Qualification of Bristol pressure switches 506107-30-2 to GE drawing 885C917P1	1976
19780082948	SSME electrical connector evaluation special study	1976
19780082957	Qualification test report of transformers, radio frequency, hermetically sealed, 3-30 MHz	1976
19780082965	SEM key code JBN multivibrator	1976
19780082980	Failure analysis of 741 quad op-amps	1976
19780082983	Semiconductors, special types of, dual, NOC, silicon, planar diffused	1976
19780082984	Failure analysis report on resistors, fixed, metal film, NOC ceramic, .10 watt	1976
19780082985	Production assessment test report on microelectronic circuits, linear, monolithic, amplifier, thin films, flat, ceramic	1976
19780082986	Production assessment test report on microelectronic circuits, digital, monolithic, gate, diode-transistor logic, flat, ceramic	1976
19780082989	Transformer, saturating source control drawing. Transformers, saturable core, hermetically sealed, 30-2000 MHz	1976
19780082992	SEM key code ZBY counter, binary	1976
19780082994	Three-dB coplanar couplers	1976
19780082995	Qualification test report on coils, inductance, fixed, 3-30 MHz, 2-10 watts, 30-109 volts, ferromagnetic, hermetically sealed	1976
19780082996	Qualification test report on coils, inductance, fixed, radio frequency, NOC, 1-2 watts, 30-190 volts	1976
19780082997	Reliability qualification test record on capacitors, fixed, ceramic, molded, lead mount, MIL-Est, rel	1976
19780082998	Reliability qualification test record on capacitors, fixed, ceramic, molded, lead mount, MIL-Est, rel	1976
19780082999	Qualification test report on coils, inductance, fixed 0-3 KHz, 2-10 watts, 1-30 volts, ferromagnetic, encapsulated	1976
19780083000	Qualification testing for Raytheon part numbers 268139-1, revision J, 268139-2, revision J	1976
19780083001	Raytheon's reliability acceptance test evaluation on semiconductor, transistor, switch, logic, PNP bipolar, silicon, can	1976
19780083012	Blast from moving guns	1976
19780083018	Further development of the stress wave approach to the analysis of internal component shock response	1976
19780083024	Recent developments in parallel gas scintillation proportional counters	1976
19780083028	Photodiode, Vacuum	1976
19780083046	Stimulated rotational Raman scattering: Derivation of threshold conditions and their application to atmospheric propagation of CO2 laser beams	1976
19780083079	Permanent technical directive marking	1976
19780083087	Reflection spectroscopy: A technique for remotely sensing surface mineralogy and composition	1976
19780083092	High power microwave transmission from solar space stations	1976
19780083102	The ozone distribution above 10 mb in winter	1976
19780083103	Horizontal crustal deformation rates at the northern end of the Ethiopian Rift Valley	1976
19780083104	The ozone distribution above 10 mb in winter	1976
19780083115	A synoptic review of some results from the DST-5 experiment	1976
19780083122	Artificial biosphere	1976
19780083124	An integrated approach to the study of fluid and electrolyte metabolism during space flight	1976
19780083141	Comparison of various circulatory reactions during physical and mental stress including the QRS differential quotient	1976
19780083142	Interhemispheric synchrony of parietooccipital alpha rhythms during attention and cognition	1976
19780083159	Time estimation as a secondary task to measure workload	1976
19780083168	VTAS DT and E program summary report. Test and evaluation of the Polhemus navigation sciences helmet-mounted sight	1976
19780083192	High level language management for modular memory computers	1976
19780083200	A note on expansions of functions of velocity in the two-body problem	1976
19780083230	Development of Electron Bombarded Silicon (EBS) Charge Coupled Device (CCD) imagers for night vision, phase 2	1976
19780083237	Light Observation Helicopter Target Acquisition/Designation System (LOHTADS) (U)	1976
19780083240	Individually cold-shielded 0.1 eV HgCdTe detector/Dewar modules (U)	1976
19780083301	Photocatalytic stability of the Martian atmosphere	1976
19780083302	Low-temperature hydrothermal mineralization in the Orgueil carbonaceous chondrite parent planet	1976
19780083303	Carbonaceous chondrites: Early irradiation, fission records, and phase compositions	1976
19780083304	Crater degradation and thermal patterns	1976
19780083305	New measurements of the oblateness of Uranus	1976
19780083306	The origin of iron meteorites	1976
19780083307	Allende meteorite: Isotopically anomalous xenon is accompanied by normal osmium	1976
19780083308	The chemistry of agglutinate fractions in lunar soils. Part 2: Apollo 14 soil	1976
19780083370	Human engineering evaluation of Canadian Marconi Company vertical scale aircraft engine instruments. (U)	1976
19780083378	An application of statistical modeling to aircraft vibration spectra	1976
19780083384	Long-range aspects of a large scale space program	1976
19780083388	Third-order solution of an artificial-satellite theory	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083390	SAFEGUARD Operational Experience Program (SOEP). Chapter 3, appendix 3-2A: Status Accounting System, SAS, and Configuration Management, CM, overview	1976
19780083401	Advanced ablative heatshields for reentry missiles. Part 2: Aromatic/heterocyclic resins and alternate pitch-based fabric composites	1976
19780083403	SAFEGUARD operational experience program. Chapter 6, appendix A: Data collection/reduction interpretation problems encountered during VIGILANT OVERVIEW 76-2	1976
19780083405	SAFEGUARD Operational Experience Program (SOEP). Chapter 3, appendix 3-2J: Maintenance	1976
19780083406	SAFEGUARD Operational Experience Program (SOEP). Chapter 3, appendix 3-2I: Feasibility of software modifications and maintenance without a TSCS experiment, volume 2	1976
19780083407	SAFEGUARD Operational Experience Program (SOEP). Chapter 3, appendix 3-2I: Feasibility of software modifications and maintenance without a TSCS experiment, volume 1	1976
19780083408	SAFEGUARD Operational Experience Program (SOEP). Chapter 3, appendix 3-2H: System Readiness Verification (SRV) satellite track hardware test correlation experiment, volume 1	1976
19780083409	SAFEGUARD Operational Experience Program (SOEP). Chapter 3, appendix 3-2G: Adequacy of site data reduction experiment	1976
19780083410	SAFEGUARD Operational Experience Program (SOEP). Chapter 3, appendix 3-2F: Structured programming comparison experiment (software error rate as a function of development techniques)	1976
19780083411	SAFEGUARD Operational Experience Program (SOEP). Appendix 3-2E: Software error and testing analysis experiment, volume 2	1976
19780083412	SAFEGUARD operational experience program. Chapter 8, Appendix 8-2B-2: PAR auroral study. Volume 1	1976
19780083413	SAFEGUARD operational experience program. Chapter 8, appendix 8-2B-2: PAR auroral study. Volume 2	1976
19780083446	Advanced Composites Design Guide. Volume 4: Materials. Third edition, second revision	1976
19780083448	Development of an analytical model for carbon/carbon composite materials. Phase 1: Failure mechanisms	1976
19780083452	Temperature dependence of vibration-rotational line widths of HC1 lines broadened by foreign gases	1976
19780083461	Effect of H2O on Na(+) diffusivity in beta alumina	1976
19780083467	Heat-resistant titanium alloys, part 2	1976
19780083475	Application and cure procedure, conformal coating	1976
19780083481	Pressure and velocity sensitive feedback mechanisms and their importance to self-sustained unsteady liquid propellant combustion	1976
19780083514	Charge distributions near metal-dielectric interfaces before and after dielectric surface flashover	1976
19780083515	A class of maximum distance separable codes over GF(p) encodable using only addition and subtraction	1976
19780083516	Charge distributions near metal-dielectric interfaces before and after dielectric surface flashover	1976
19780083518	Slip ring assembly	1976
19780083520	Preproduction test report 564495 on transformer, pulse, NOC, enclosed, 30-300 KHz	1976
19780083521	Qualification test of IC on microelectronic circuits, digital, monolithic, multiplexer, transistor-transistor logic, flat, ceramic	1976
19780083522	Microcircuit post cap inspection TIROS	1976
19780083523	Brush assembly, single contact	1976
19780083529	Relay, Armature	1976
19780083530	Switch, thermostatic	1976
19780083531	Qualification test report of semiconductor, transistor, general purpose, NPN bipolar, silicon, can	1976
19780083532	Sparrow 7F qualification test report of semiconductor, transistor, general purpose, NPN bipolar, silicon, can	1976
19780083533	Qualification test report of semiconductors, diode, rectifier, multilayer, silicon, flat	1976
19780083535	Qualification of MIM-72C magnetics on transformers, output, toroid, 3-30 KHz	1976
19780083536	Qualification of MIM-72C magnetics on transformers, oscillator, toroid, 3-30 KHz	1976
19780083537	Qualification of MIM-72C magnetics on transformers, output, toroid, 3-30 KHz	1976
19780083545	Qualification test to drawing R-8669P1 on semiconductors, special types of, optically coupled isolators, gallium arsenide, planar diffused	1976
19780083553	Reactor	1976
19780083554	Contact, electrical	1976
19780083558	Inspection report on capacitors, fixed, chips, no enclosure, body mounted, contractor hi rel	1976
19780083560	SEM qualification test report on modules, composite, NOC	1976
19780083561	SEM qualification test report on modules, composite, NOC	1976
19780083562	MK-98 module qualification test report on modules, composite, NOC	1976
19780083563	SEM qualification test report on modules, composite, NOC	1976
19780083564	SEM qualification test report on modules, composite, NOC	1976
19780083572	SEM key code BBA counter, up-down, binary	1976
19780083573	Reliability qualification test record on capacitors, fixed, ceramic, T.C., molded, lead mount, mil-general	1976
19780083578	An experimental study of three-dimensional boundary layer and turbulence characteristics inside a rotating channel	1976
19780083583	Construction and performance of a large-area multi-wire ionization hodoscope for use in a cosmic-ray detector	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083588	Picosecond laser-induced damage morphology: Spatially resolved microscopic plasma sites	1976
19780083591	Atmospheric noise and target signatures in a 10.6 micron coherent laser radar	1976
19780083596	Methodology investigation of improved containers test capability	1976
19780083606	Methodology investigation reliability and maintainability of material in the tropics	1976
19780083610	Reliability qualification test record on semiconductor, transistor, general purpose, NPN bipolar, silicon, can	1976
19780083612	MSD GIDEP program requirements handbook appendix 4B, subcontractor data submittal guidelines and requirements	1976
19780083614	An operational overview of the LANDSAT menhaden and thread herring investigations	1976
19780083615	An operational overview of the LANDSAT menhaden and thread herring investigation	1976
19780083617	LANDSAT remote sensing applications	1976
19780083618	Dover, New Hampshire land use as portrayed by aerial photography and LANDSAT data	1976
19780083620	Storage system selection techniques for optimizing energy conservation in utility services	1976
19780083630	Evidence of drift waves at the plasmopause	1976
19780083631	Manicouagan Structure, Quebec: A Terrestrial Analog of Lunar Multiring Basins	1976
19780083632	A Comparison Between the Geochemistry and Petrology of Apollo 16: Terrestrial Impact Melt Analogs	1976
19780083633	Comparison of magnetospheric hiss with plasma parameters during weak diffusion	1976
19780083635	Genetic Distinction Between Anorthosites and Mg-rich Plutonic Rocks: New Data from 76255	1976
19780083637	A search for helium ions in the recovery phase of a magnetic storm	1976
19780083638	An elastic-perfectly plastic analysis of the bending of the lithosphere at a trench	1976
19780083639	Lithospheric instabilities	1976
19780083641	A simple cooling model for igneous rocks	1976
19780083642	Exposure ages and erosion rates for lunar rocks	1976
19780083644	Geodesy by radio interferometry. 1: Determination of a 1.24 kilometer baseline vector with approximately 5 millimeter repeatability	1976
19780083645	A viscoelastic relaxation model for post-seismic deformation from the San Francisco earthquake of 1906	1976
19780083650	Initialization procedures for primitive equation models	1976
19780083654	Inflight analysis of the microbial Population Supported by ASTP Astronauts and Cosmonauts	1976
19780083655	Leeuwenhoek's observation of bacteria	1976
19780083656	Release of microorganisms from soil with respect to transmission electron microscopy viewing and plate counts	1976
19780083657	Small cells in pure cultures of Agromyces ramosus and in natural soil	1976
19780083658	Cardiovascular evaluation of chronically instrumented animals in the space shuttle laboratory	1976
19780083659	The effect of spaceflight in the Apollo and Soyuz spacecraft on the growth-rate of Streptomyces levoris microorganisms	1976
19780083660	Comparison of the cardiovascular effects of actual and simulated space flights	1976
19780083661	A computer simulation of the regulation of erythropoiesis during space flight	1976
19780083663	Biochemical changes following exposure to nitrogen tetroxide (N2O4) upon return from space flight	1976
19780083664	Glucose and Insulin Changes Associated with Prolonged Weightless Space Flight	1976
19780083666	Physiological regulation and energy balance	1976
19780083668	Electromyographic analysis of the skeletal muscle changes arising from long and short periods of spaceflight weightlessness	1976
19780083669	Astronaut observations	1976
19780083670	Evaluation of Skylab exercise experiment results utilizing computer models	1976
19780083671	A cognitive model of time perception	1976
19780083672	Quantitative imaging of dynamic structure and function of the heart, lungs and circulation by computerized reconstruction and subtraction techniques	1976
19780083678	Airline pilot time estimation during concurrent activity including simulated flight	1976
19780083693	Concatenated coding systems employing unit-memory convolutional codes and symbol-oriented optimal decoding algorithms	1976
19780083702	Progress in the development of a time marching method for throughflow calculations	1976
19780083704	All signal sets centered about the origin are optimal at low energy-to-noise ratios on the AWGN channel	1976
19780083705	An element formulation for perturbed motion about the center of mass	1976
19780083709	X-ray physics after eighty years	1976
19780083714	Cluster-variational calculations for extended nuclear systems	1976
19780083716	Atomic electron binding energies and Coster-Kronig energies from relaxed-orbital relativistic Hartree-Fock-Slater calculations	1976
19780083729	Prototype of a single X-ray video imaging chain designed for high temporal resolution computerized tomography by means of an electronic scanning dynamic spatial reconstruction system	1976
19780083744	Observations of interstellar titanium toward 47 stars	1976
19780083748	An extraterrestrial source of natural resources	1976
19780083752	Chemical fractionation in the solar system	1976
19780083754	Condensation and/or metamorphism: Genesis of E- and L-group chondrites from studies on artificially heated primitive congeners	1976
19780083757	Transition probabilities and absolute oscillator strengths for transitions of C 1, O 1, and N 1 observed in absorption in H 1 regions	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083758	New formulation of de Sitters theory of motion for Jupiter 1-4. 1: Equations of motion and the disturbing function	1976
19780083759	The structure and spectrum of a colliding-cloud system and its possible relationship to QSOS	1976
19780083760	Jupiter: Theory of large-scale flow driven by latent heat exchange	1976
19780083761	Microprobe analyses of a single agglutinate	1976
19780083762	Sampling problems and the characterization of lunar rock types	1976
19780083763	Distribution of sulfur, helium, and magnetic particles in grain size fractions of lunar soils	1976
19780083766	Noble gases in separated meteoritic minerals: Murchison (C2), Orans (C3), Karoonda (C5), Abee (E4)	1976
19780083767	Meteorites: Relics from the early solar system	1976
19780083768	Anomalous tails of comets. 1: A review of past edge-on appearances	1976
19780083772	Asteroid compositional types and their distributions	1976
19780083774	Partition coefficients of REE and Sc in perovskite, melillite, and spinel and their implications for allende inclusions	1976
19780083775	Noble gases in 60009 drive tube samples: Trapped gases and irradiation history	1976
19780083776	Nature of the sulfur in the Apollo 17 basalts and their source regions	1976
19780083777	Anomalous tails of comets. 2: Predictions for future returns of the short-lived comets	1976
19780083778	Meteoritic metal fractionation in terrestrial impactites	1976
19780083779	Hybridization: An answer to the problem of heterogeneous source materials	1976
19780083780	The chemical classification of Apollo 17 orange glass	1976
19780083783	Rare earth and other elements in two size fractions of soils from the Taurus-Littrow Valley floor	1976
19780083786	Sample 79215: A unique, Early Lunar Breccia	1976
19780083787	Application of lunar curatorial experience to meteoritic samples	1976
19780083788	Dynamical implications of the petrology and distribution of impact produced rocks	1976
19780083789	X-ray diffraction studies of shocked lunar analogs	1976
19780083790	Volatilization studies on the Murchison carbonaceous chondrites	1976
19780083791	A possible new silico-phosphate mineral in the Rose City meteorite	1976
19780083792	Manicouagan and Popigay structures: Comparative morphology and spatial distribution of impact melt rocks	1976
19780083793	Rb-Sr systematics of agglutinate fractions from Apollo 16 soils	1976
19780083794	Occultation of epsilon Geminorum by Mars: Evidence for atmospheric tidal waves	1976
19780083796	Acceleration of cosmic rays in the interstellar medium. 2: Interstellar dynamics	1976
19780083797	Acceleration of cosmic rays in the interstellar medium. 1: General considerations	1976
19780083906	SAFEGUARD Operational Experience program. Chapter 8, appendix 8-2C-1: SAFEGUARD O and M	1976
19780083909	SAFEGUARD Operational Experience Program. Chapter 4, appendix B-19: Availability and reliability of Launch Enable (LE) equipment	1976
19780083910	SAFEGUARD Operational Experience Program. Chapter 9, appendix 9-2: Availability and reliability of Launch Enable (LE) equipment	1976
19780083911	Safeguard operational experience program. Chapter 6, appendix B. Safeguard operations analysis program manual	1976
19780083913	SAFEGUARD Operational Experience Program. Chapter 4, appendix B13: Nuclear Capability Exercise, United States Army SAFEGUARD Command	1976
19780083917	SAFEGUARD Operational Experience Program (SOEP). Chapter 3, appendix 3-2E: Software error and testing analysis experiment, volume 1	1976
19780083918	SAFEGUARD Operational Experience Program (SOEP). Chapter 3, appendix 3-2D: Error Control/Error Recovery (EC/ER) experiment	1976
19780083919	SAFEGUARD Operational Experience Program (SOEP). Chapter 3, appendix 3-2B: User Operational Verification (UOV)	1976
19780083952	JARED study report (U)	1976
19780083953	Interim upper stage parts, materials and processes control and standardization program plan	1976
19780083970	Shape stable nosetip technology (U)	1976
19780083984	Advanced Composites Design Guide. Volume 3: Manufacturing, third edition	1976
19780084014	Coatings for satellite antennas (U)	1976
19780084056	Antiradiation/electro-optical guidance system feasibility tests (U)	1976
19780084097	Evaluation of drawing 3203050P2, capacitors, fixed, electrolytic, aluminum, metallic case, chassis mount, mil-general	1976
19780084098	SEM key code GDJ latch	1976
19780084099	SEM key code JDD counter, up-down BCD, presettable, digital	1976
19780084100	SEM key code HVA oscillator	1976
19780084101	SEM key code QDR driver, interface NDTs ANEW	1976
19780084102	SEM key code QDF receiver, interface NDTs ANEW	1976
19780084105	Product specification microcircuits, high reliability general specification for	1976
19780084106	Engineering test report on capacitor, fixed, electrolytic, tantalum, foil, hermetically sealed, body mounted, contractor hi-rel	1976
19780084109	Capacitors, fixed, metallized polycarbonate film dielectric, DC non-metallic epoxy molded case	1976
19780084111	SEM qualification test report on modules, composite, NOC	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084112	Capacitors, fixed, metallized polycarbonate film dielectric, DC (non-metallic epoxy molded case)	1976
19780084137	Utilization of high-speed photography for blast peak-pressure measurements	1976
19780084142	Purely chemical laser based on chlorine atom reactions: Hybrid CO2 laser	1976
19780084143	Purely chemical laser based on chlorine atom reactions: ClO2 - NO reaction as chlorine atom source	1976
19780084144	Purely chemical laser based on chlorine atom reactions: ClO2 generator	1976
19780084145	Injection locking and mode selection in TEA-CO2 laser oscillators	1976
19780084146	A purely chemical CW HCL/CO2 transfer laser employing transverse flow	1976
19780084147	A compact high-repetition rate TEA-CO2 laser	1976
19780084148	Measurements of the reflectance of materials at 10.6 microns using a TEA-CO2 ladar	1976
19780084149	Numerical simulation of thermally induced defocalization of an intense laser	1976
19780084170	Response of lightweight armor materials to impact by simulated fragments of several aspects ratios (U)	1976
19780084228	Solubility of chrome in coexisting olivine, spinal and liquid at 1 ATM and under controlled fsubo2	1976
19780084229	Equatorial 1-30 Hz noise and O(+) precipitation	1976
19780084233	Spectral radiance of the atmosphere in the 3- to 20-micrometers, spectral region	1976
19780084236	A computer simulation of the regulation of erythropoiesis during space flight	1976
19780084237	Three-dimensional stress and strain analysis in the intact heart	1976
19780084268	Short-term omni-directional measurements of ambient noise in the north Atlantic Ocean (U)	1976
19780084275	Image processing and target acquisition in the infrared	1976
19780084276	Theory of cascaded aperture systems	1976
19780084292	Dipole oscillator strengths for Delta n = 0 transitions in highly ionized sulfur	1976
19780084293	Space processing and electronic ceramic crystals	1976
19780084314	Production of simple molecules on the surface of Mercury	1976
19780084339	Analysis of hardwired versus multiplexed stores management systems. Volume 2: Appendices	1976
19780084346	A-7E FLIR video signal mixer maintainability demonstration	1976
19780084349	Superalloy knife edge seal repair	1976
19780084444	Effects of sulphur pollution on mechanical and electro-mechanical parts	1976
19780084497	Reliability qualification test record on microelectronic circuit, hybrid, mixer, noc, ceramic, can	1976
19780084498	Reliability qualification test record on semiconductor, transistor, general purpose, NPN bipolar, silicon, can	1976
19780084499	Reliability qualification test record on semiconductor, transistor, amplifier, PNP bipolar, silicon, can	1976
19780084500	Reliability qualification test record, semiconductor, transistor, general purpose, NPN bipolar, silicon, can	1976
19780084505	Microcircuit, 4-line to 16-line decoder/multiplexer, low power 1H061	1976
19780084506	Reliability engineering report D/C 7543 on microelectronic circuits, digital, monolithic, buffer, transistor-transistor logic, flat	1976
19780084508	Reliability engineering report D/C 7536/7535 on microelectronic circuits, digital, monolithic, flip-flop, transistor-transistor logic, flat	1976
19780084509	Diode, low offset Schottky 1D088	1976
19780084510	Reliability engineering report D/C 7449 on microelectronic circuits, digital, monolithic, flip-flop, transistor-transistor logic, flat	1976
19780084514	Audio transformer	1976
19780084515	Missile command specification voltage regulator diode	1976
19780084521	Evaluation of interonics RF filter	1976
19780084522	High reliability semiconductor acceptance test report	1976
19780084524	SEM key code CBF shift register 170777	1976
19780084553	Coupling, flexible (434450-2)	1976
19780084556	SEM quality assurance activity test report on modules, resistors arrays	1976
19780084557	SEM quality assurance activity test report on modules, composite NOC	1976
19780084558	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084559	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084560	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084561	SEM quality assurance activity test report on module, composite, NOC	1976
19780084562	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084563	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084564	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084565	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084566	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084567	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19780084568	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19780084569	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084570	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084571	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084572	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084573	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084574	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084575	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084577	Reliability evaluation of a 14500 GPM annular linear electromagnetic pump	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084618	Review of the hazards of microwave and laser radiation	1976
19780084667	Monitor and support of the tactical air reconnaissance POD system	1976
19780084668	Coast Guard lighter-than-air study. Volume 1: Main text	1976
19780084669	Coast Guard lighter-than-air study. Volume 2: Appendices	1976
19780084670	Coast Guard lighter-than-air study. Volume 3: Airship conceptual model	1976
19780084682	AV-8A visual landing aids evaluation	1976
19780084690	Proceedings of the Aircraft Survivability Symposium. A state-of-the-art update. Volume 1: Unclassified papers	1976
19780084701	Determination of normal operating stresses on F-14A motive flow fuel elbow assembly (AFC 469)	1976
19780084702	A-7E aircraft multiple munitions wiring base line data	1976
19780084703	A-4 main landing gear brake evaluation	1976
19780084704	Tactical Air Reconnaissance Pod System (TARPS)	1976
19780084705	Navy evaluation of the McDonnell Aircraft Company closed loop evaluation and reporting clear data collection system	1976
19780084707	Analysis of hardwired versus multiplexed stores management systems. Volume 1: Life-cycle cost analysis	1976
19780084709	Design Conference Proceedings. Technology for supersonic cruise military aircraft, Volume 1	1976
19780084715	Exploratory and advanced development programs	1976
19780084728	Space station study status report	1976
19780084743	Project plan Induced Environment Contamination Monitor (IECM) for Orbital Flight Test (OFT) 1-6 Long Duration Exposure Facility (LDEF)	1976
19780084755	Ply stacking sequences for laminated plates having in-plane and bending orthotropy	1976
19780084775	Process specification: Thermal stabilization of beryllium	1976
19780084776	Process specification: Thermal stabilization of titanium	1976
19780084825	Preproduction as-3017/APN antenna power handling capability tests	1976
19780084833	FET power amplifier	1976
19780084835	Inspection report on capacitors, fixed, class porcelain/vitreous, non-metallic case, MOL-EST, REL	1976
19780084846	Lightning protection for the F-111 random pitot system	1976
19780084847	Microelectronic circuits, digital, monolithic, multiplexer, transistor-transistor logic, dual-in-line ceramic	1976
19780084853	Quality assurance brief, capacitors, fixed, ceramic	1976
19780084854	Quality assurance briefs, general technical data, multiple part 1 component report	1976
19780084858	Missile command specification microcircuit, digital, Schottky read-only memory, monolithic silicon	1976
19780084859	Microcircuit, hexadecimal display dip (hermetic)	1976
19780084873	Component qualification report on microelectronic circuits, digital, monolithic, flip-flop, transistor-transistor logic, dual-in-line ceramic	1976
19780084876	Report of tests conducted on fixed, ceramic dielectric capacitors	1976
19780084905	An overview of DoD activities in kinetic-energy penetrator technology, volume 1: Activity summaries	1976
19780084919	Reliability qualification test record on semiconductor, transistor, amplifier, NPN bipolar, silicon, can	1976
19780084920	Reliability qualification test record on semiconductor, transistor, amplifier, NPN bipolar, silicon, can	1976
19780084921	SEM quality assurance activity test report	1976
19780084922	SEM quality assurance activity test report	1976
19780084923	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084924	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084931	MK-98 module qualification test report on modules, composite, NOC	1976
19780084932	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084933	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084935	MK-98 module qualification test report on modules, composite, NOC	1976
19780084936	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084937	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084938	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084939	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084940	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084941	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084942	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084943	SEM quality assurance activity test report on modules, composite NOC	1976
19780084944	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084945	SEM quality assurance activity test report on modules composite, NOC	1976
19780084946	SEM quality assurance activity test report on modules, NOC	1976
19780084947	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084948	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084949	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084950	MK-98 module qualification test report on modules, composite, NOC	1976
19780084951	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084952	SEM quality assurance activity test report on modules, composite, NOC	1976
19780084953	MK-98 module qualification test report on modules, composite, NOC	1976
19780084954	SEM quality assurance activity test report on modules, composite, NOC	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084956	Round Robin Non-Destructive Evaluation (NDE)	1976
19780084966	Design and build a pulse cell charger for large nickel-zinc batteries, phase 1	1976
19780084967	Environmental exposure tests on solar collector cover plates	1976
19780085055	ECP management and effectiveness evaluation	1976
19780085129	Low cost dogfight missile seeker captive flight test (U)	1976
19780085178	Hardened heat shield influence on transition and roll, volume 1 (U)	1976
19780085207	Injection molded precision rocket engine components	1976
19780085208	Consolidation of titanium powder to near-net shapes	1976
19780085209	Manufacturing methods for shrouded blade and vane fabrication	1976
19780085210	Manufacturing methods for shrouded blade and vane fabrication	1976
19780085211	Manufacturing methods for shrouded blade and vane fabrication	1976
19780085269	Pacific satellite communications EMP survivability (U)	1976
19780085290	Conceptual design of an air-to-air active seeker (U)	1976
19780085316	Standard electronic module program quality assurance activity test report	1976
19780085317	Standard electronic module program quality assurance activity test report	1976
19780085318	Standard electronic module program quality assurance activity test report	1976
19780085319	Standard electronic module program quality assurance activity test report	1976
19780085342	Adaptive controlled laser drill inspection	1976
19780085365	SEM quality assurance activity test report on modules, composite, NOC	1976
19780085416	Estimated percentages of ocean areas for which the deep sound channel axis is less than certain specified depths (U)	1976
19780085417	Bottom loss measurements in the East China/North Philippine seas: Data presentation (U)	1976
19780085426	Field evaluation of CALERE 2 FLIR RPV sensor (U)	1976
19780085435	CM versus advanced FLIR devices (U)	1976
19780085480	Towed high altitude supersonic target emergency recovery system	1976
19780085510	An experimental investigation of a vectoredengine-over-wing powered lift concept. Volume 1: Low speed and transonic tests	1976
19780085518	An assurance limits simulation methodology for survivability/vulnerability assessments (U)	1976
19780085589	SAFEGUARD Operational Experience Program (SOEP). Chapter 3. Appendix 3-2I. Feasibility of software modifications and maintenance without a TSCS. Volume 4. Appendix 23-28 (U)	1976
19780085590	SAFEGUARD Operational Experience Program (SOEP). Chapter 3. Appendix 3-2I. Feasibility of software modifications and maintenance without a TSCS. Volume 3. Appendix 10-22 (U)	1976
19780085591	SAFEGUARD Operational Experience Program (SOEP). Chapter 3. Appendix 3-2H. Volume 2. Master Problem Report (MPR) PR11740 (U)	1976
19780085601	NHEP phase 2 (U)	1976
19780085629	Effect of overheating on stress corrosion cracking (K sub Iscc) and fatigue crack growth rate of uncarburized S82 steel	1976
19780085687	Standard electronic module program quality assurance activity test report	1976
19780085688	Standard electronic module program quality assurance activity test report	1976
19780085689	Standard electronic module program quality assurance activity report	1976
19780085690	Standard electronic module program quality assurance activity test report	1976
19780085691	Standard electronic module program quality assurance activity test report on mudules, composite, NOC	1976
19780085692	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19780085700	Evaluations of EN-7 encapsulant used in battery cycles	1976
19780085718	SEM quality assurance activity test report on modules, composite, NOC	1976
19780085719	SEM quality assurance activity test report on modules, composite, NOC	1976
19780085722	SEM quality assurance activity test report on modules, composite, NOC	1976
19780085766	Ambient noise measurements in Unimak Pass (U)	1976
19780085827	An application of modal control theory to the B-52 Control Configured Vehicle (CCV) problem	1976
19780085914	Response to request of information of hydrogen embrittlement of Wi-tensile strength steel material	1976
19780085950	Injection molded precision rocket engine components	1976
19780085999	Computer models for predicting plume gas dynamics and radiation. Volume 2: Model descriptions	1976
19780086022	Motion simulator: Concept	1976
19780086033	Convolute cone wheel for military vehicles. Phase 2: Prototype tests	1976
19780086040	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19780086043	SEM quality assurance activity test report on modules, composite, NOC	1976
19780086044	SEM quality assurance activity test report on modules, composite, NOC	1976
19780086045	Standard electronic module program quality assurance activity test report on modules, composite, NOC	1976
19780086046	SEM quality assurance activity test report on modules, composite, NOC	1976
19780086047	SEM quality assurance activity test report on modules, composite, NOC	1976
19780086049	SEM quality assurance activity test report on modules, composite, NOC	1976
19780086050	SEM quality assurance activity test report on modules, composite, NOC	1976
19780086051	SEM quality assurance activity test report on modules, composite, NOC	1976
19780086052	SEM quality assurance activity test report on modules, composite, NOC	1976
19780086053	SEM quality assurance activity test report on modules, composite, NOC	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086198	B-1 wind tunnel test results 0.2 scale external compression inlet verification model (AEDC SF 169 phase 2)	1976
19780086202	Unsteady supersonic aerodynamic theory by the method of potential gradient	1976
19780086284	AIM-9L six-degree-of-freedom simulation	1976
19780086312	Scotchcast phase 1A: Scotchcast evaluation	1976
19780086323	Effect of dwell on fatigue crack growth in titanium alloy Ti-4Al-4Mo-2Sn-0.5Si	1976
19780086349	Procedures for the calculation of particulate damping of acoustic oscillations	1976
19780086375	EMP analysis summary structural mode control System/Automatic Flight Control System (SMCS/AFCS) logic controller	1976
19780086396	Qualification of instrumentation operational amplifiers	1976
19780086402	Microcircuit, amplifier, wideband with AGC	1976
19780086403	Customer report (1H245-001V-175) on microelectronic circuits, linear, monolithic, amplifier, can, metal	1976
19780086404	Lot qualification on microelectronic circuits, linear, monolithic, amplifier, can, metal	1976
19780086405	Digital or linear bipolar integrated circuits or hybrids	1976
19780086406	Contact, electrical (P/N 430232-1, -2)	1976
19780086407	Standard electronic module program quality assurance activity test report	1976
19780086408	Battery terminal and cable lubricant	1976
19780086422	Qualification of MIS 14150/71	1976
19780086423	Reliability verification test report, connector, plug	1976
19780086425	Report of test on capacitor, variable, glass dielectric	1976
19780086427	Transistor, PNP, silicon, power, semiconductor, transistor, power, audio, PNP bipolar, silicon, can	1976
19780086433	Velocity distribution in an abruptly expanding circular duct	1976
19780086446	Performance of DF/CO sub 2 transfer laser	1976
19780086457	Bandag recapped passenger tires	1976
19780086463	Service life estimation method	1976
19780086496	Deep submergence aspects of lithium-seawater power cell	1976
19780086508	Methodology investigation. Microbial penetration of material in the tropics	1976
19780086557	FYDP/SMIS interface system: Users manual	1976
19780086571	B-1 lot 1 production, aircraft 5, 6 and 7. Make-or-buy list	1976
19780086701	Large Erosion-Resistant Nosetip (LERN) program (U)	1976
19780086744	Air blast data from height-of-burst studies in Canada. Volume 1: HOB 5.4 to 71.9 feet	1976
19780086777	Aerodynamic characteristics of several scale model configurations for maneuvering air-to-surface submunitions	1976
19780086868	Vulnerability of Soviet airborne munitions to fragment and projectile impacts (U)	1976
19780086913	RECRIF users' manual	1976
19780086920	Theoretical penetration studies of jacketed steel projectiles	1976
19780086921	A comparison of results from two long rod oblique impact calculations	1976
19780086923	Cannon Launched Guided Projectile (CLGP) target impact tests (U)	1976
19780086966	Secure communications processor selection trade study	1976
19780086997	TREE fail-safe analysis B-1 battery charger system	1976
19780087016	Mechanical and thermal properties of Y-12 2.2.3 and FMI 2.2.3	1976
19780087057	Optimization of lithium reserve cell storage capability	1976
19780087078	External I/O in a secure kernel-based multics computer system	1976
19780087079	Secure front-end processor systems manual	1976
19780087080	Detail specifications of a 6000/series 60 interface unit, volume 2	1976
19780087096	Yaw induction by means of asymmetric mass distribution	1976
19780087098	AV-8B 15% scale aerodynamic and component loads test in NASA, Ames 14-foot transonic tunnel	1976
19780087099	Evaluation of the near induced rolling moment prediction method for cruciform canard missiles	1976
19780087102	Advanced airfoil design empirically based transonic aircraft-drag-buildup technique. Supplementary appendix: (Proprietary) (U)	1976
19780087110	A methodology for determining the relationship between air transportation demand and the level of service	1976
19780087123	B-1 autothrottle	1976
19780087131	TREE Design-To analysis B-1 ice detector	1976
19780087148	Ground runup vibration and acoustic survey: AFT fuselage	1976
19780087149	Terrain following fail operational study	1976
19780087150	B-1 inlet performance and distortion characteristics during flight 1-22 takeoff	1976
19780087154	EMP analysis summary B-1 flight control sensors	1976
19780087216	Low cost dogfight missile seeker captive flight test (U)	1976
19780087231	Low cost propulsion integration study, volume 5. Solid rocket missile designs (U)	1976
19780087263	Photometric signature synthesis (U)	1976
19780087302	Standardized stability prediction method for solid rocket motors. Volume 3: Axial mode computer program user's manual	1976
19780087307	Low cost propulsion integration study. Volume 3. Anti-radiation missile and lightweight air-to-air missile designs (U)	1976
19780087310	Low cost propulsion integration study. Volume III. Appendices: Supporting data on anti-radiation, medium range, and lightweight air-to-air missiles (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087311	Low cost propulsion integration study. Volume 4: Lightweight ramjet missile design (U)	1976
19780087312	Low cost propulsion integration study. Volume 4: Appendices. Supporting data on the lightweight ramjet missile design (U)	1976
19780087323	Manufacturing methods for advanced radome production	1976
19780087325	Manufacturing methods for low cost automated fabrication of composite structures	1976
19780087326	Manufacturing methods for advanced radome production	1976
19780087330	Manufacturing methods for advanced radome production	1976
19780087331	Manufacturing methods for advanced radome production	1976
19780087334	Manufacturing methods for low cost automated fabrication of composite structures	1976
19780087335	Manufacturing methods for low cost automated fabrication of composite structures	1976
19780087336	Manufacturing methods for low cost automated fabrication of composite structures	1976
19780087341	Advanced composites production/service experience	1976
19780087347	Composite build-to-print B-1 L.H. number 3 wing flap	1976
19780087356	Shape stable nosetip development (U)	1976
19780087357	Shape stable nosetip flight test on MSV-2B (U)	1976
19780087367	A model for studying the influence of guidance packages upon shaped charge warhead	1976
19780087378	Low temperature sensitive propellant development (U)	1976
19780087382	Aluminum brazed antenna manufacturing methods	1976
19780087385	Extinction and backscattering by fog and smoke in the 0.33 to 12.0-micrometer wavelength region	1976
19780087409	Strategic strike SAR operator target/OAP acquisition study (U)	1976
19780087414	The feasibility assessment for the stress experiment (U)	1976
19780087487	Life and environmental test schedule/summary	1976
19780087491	Semiconductor, transistor, power, audio, NPN bipolar, silicon, can	1976
19780087500	Manufacturing methods program for X-band TR limiters	1976
19780087504	Development of 18 mm ion barrier image intensifier (U)	1976
19780087509	Plane shock: Thermal layer interactions	1976
19780087512	Comparison of cassette vs reel-to-reel super 8mm film projection systems	1976
19780087513	Evaluation of the Dukane cassette/filmstrip projection system model 28A28A	1976
19780087515	On the orientation of SS-X-16 accelerometers (U)	1976
19780087558	Advanced diffusion bonding	1976
19780087562	Preliminary design analysis of an internally air cooled diesel engine	1976
19780087601	A technique development for the determination of Louisiana Marsh salinity zones from vegetation mapped by multispectral scanner data: A comparison of results from satellite and aircraft data	1976
19780087606	LACATE: Lower Atmospheric Composition and Temperature Experiment	1976
19780087674	AFGL FY78-82 research and technology plan. Part 3: Technology programs	1976
19780087693	Evaluation of alternative-fueled very large airplanes: Summary briefing of preliminary results	1976
19780087696	Acoustic survey: Ground runup B-1 aft fuselage	1976
19780087698	B-1 aircraft No. 2 airload survey program strain gage calibration	1976
19780087701	Microprocessor applications for advanced avionics	1976
19780087702	Simulation techniques for pylon-mounted turbo-fan engines	1976
19780087705	B-1 propulsion system installation effects dash 26 configuration	1976
19780087723	The influence of crystallographic orientation on the fracture toughness and tensile properties of strongly textured Ti-6Al-4V	1976
19780087732	Task report, SYEP plasticizer pilot process	1976
19780087749	Communications technology enablement study	1976
19780087769	Summary of life test results of MIL-R-39005C resistors	1976
19780087784	Worldwide survey of the correlation between short-wavelength features of topographic heights and of gravity anomalies	1976
19780087811	Effect of vibration and noise on endocrine function in the crews of combat vehicles	1976
19780087812	The role of physical training in the flight training process	1976
19780087813	The mechanism of fatigue of seamen during voyages	1976
19780087814	Hyperbilirubinemia in flight personnel	1976
19780087820	Advanced signal processor service test model	1976
19780087822	Parallel FORTRAN (PFOR) PEPE Assembly Language (PAL) user's manual	1976
19780087833	Equations of state and pressure-induced phase transformations	1976
19780087834	Anharmonic effects associated with 110 screw dislocations in aluminum	1976
19780087849	Scientific rationale and feasibility of developing a planetary SEM-EDA	1976
19780087858	An investigation of scale effects on the transonic flow over swept wings. Part 1: Measurements on a model of a transport aircraft configuration	1976
19780087864	Build-to-print composite B-1 wing no. 3 L.H. slat	1976
19780087871	Aircraft fuel tank/system data analysis. Volume 1: Technical report	1976
19780087872	Aircraft fuel tank/system data analysis. Volume 2: Published data synopses and unpublished data summaries report	1976
19780087873	Aircraft fuel tank/system data analysis. Volume 3: Variable selection report	1976
19780087874	Aircraft fuel tank/system data analysis. Volume 4: Fuel data storage and retrieval program	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087951	Effect of magnetic field on reduction of iron oxides: Magnetite and Wuestite	1976
19780087955	Vacuum ultraviolet radiometry	1976
19780087979	Performance of the intensifier-isocon and intensifier-ebiscon low-light-level television cameras	1976
19780087981	Radiometric measurements of optical-radar performance using stars, thermopiles, and photomultipliers as energy standards	1976
19780087982	Limits to the error reduction that results from averaging large numbers of optical-radar measurements	1976
19780087983	Chi-square test for evaluating the accuracy of an optical-radar system	1976
19780087995	Manufacturing methods program for X-band TR limiters, appendix	1976
19780088064	Diagrammatic analysis of the density operator for nonlinear optical calculations pulsed and C. W. responses	1976
19780088082	The relationship of comets, minor planets and meteorites	1976
19780088099	Acceleration of cosmic rays in the interstellar medium: mechanisms and estimated rates	1976
19780088101	Acceleration of cosmic rays in the interstellar medium: Mechanisms and estimated rates	1976
19780088111	Airdrop of inflated rubber raiding craft	1976
19780088118	B-1 EMUX control logic requirements for landing gear subsystems (A/C 1, 2, and 3). Revised	1976
19780088123	Preliminary qualification test requirements for the B-1 air induction control system (TP/PS no. 0725-2-104)	1976
19780088126	B-1 flight damage stability and control considerations	1976
19780088143	B-1 horizontal stabilizer hinge moment limiting/roll-pitch interaction development of control concepts	1976
19780088156	B-1 supersonic survival against advanced threats	1976
19780088174	Control Configured Propulsion (CCP): Design criteria definition, volume 1	1976
19780088176	Engine ground vibration test A/C No. 1	1976
19780088189	ACEVAL-AIMVAL test plan. Volume 1: AIMVAL	1976
19780088190	ACEVAL-AIMVAL test plan. Volume 2: ACEVAL	1976
19780088191	ACEVAL-AIMVAL test plan. Volume 3: Engineering	1976
19780088192	ACEVAL-AIMVAL test plan. Volume 5: Data management	1976
19780088193	ACEVAL-AIMVAL test plan. Volume 6: Logistics	1976
19780088220	Advanced composites design guide. Volume 1: Design	1976
19780088238	Soldering flux, type RA	1976
19780088278	Radar set AN/APS-129 Standard Electronic Module Radar (SEMR), volume 1	1976
19780088298	Qualification of component to drawing B 1061 on oscillators and signal generators, crystal, 0-3 KHz	1976
19780088299	Evaluation of resistors purchased to MIL-R-39007, resistors, fixed, wirewound, NOC. Conformal coating, 1 and 7 W	1976
19780088300	Evaluation of resistors purchased to MIL-R-39007. Resistors, fixed, wirewound, NOC, conformal coating, 1 watt	1976
19780088303	Source control drawing semiconductor device diode, rectifier diode/2373528 B	1976
19780088304	Source control drawing, transistor, NPN, general purpose transistor/2373527 A	1976
19780088305	Source control drawing semiconductor device diode, zener	1976
19780088308	Device evaluation test report resistor, fixed, metal film, silicon, beam lead, chip	1976
19780088309	Device evaluation test report. Semiconductor, transistor, power, DC regulation, NPN bipolar, mesa or planar, beam-lead	1976
19780088310	Device evaluation test report on semiconductor, transistor, general purpose, NPN bipolar, mesa or planar, beam-lead	1976
19780088311	Device evaluation test report on semiconductor, transistor, general purpose, N-channel MOS, mesa or planar, beam lead	1976
19780088312	Device evaluation test report on semiconductor, transistor, general purpose, N-channel MOS, mesa or planar, beam-lead	1976
19780088313	Device evaluation test report on semiconductor, transistor, general purpose, N-channel MOS, epitaxial, beam-lead	1976
19780088322	Qualification of drawing 2827875	1976
19780088323	Qualification test of drawing R8669P1 on semiconductor, optoelectronic, coupler optical, module, can	1976
19780088327	Resistor, fixed, wirebound (P/N 352297-1)	1976
19780088328	Delay line, magnetostrictive (P/N 147916-3)	1976
19780088331	Failure analysis report: M39014/05-2091 ceramic capacitors	1976
19780088334	Reliability data report on microelectronic circuits, linear, monolithic, regulator, can, metal	1976
19780088346	Device evaluation test report on semiconductor, transistor, power, dc regulation, N-channel MOS, silicon, can	1976
19780088366	SEM quality assurance activity test report	1976
19780088367	Code for failure modes as generated on other guidance system programs	1976
19780088368	Reliability engineering report on microelectronic circuits, digital, monolithic, counter, transistor-transistor logic, flat, ceramic	1976
19780088377	General analytical procedure for measuring chromium (VI) and total chromium in reacted thermal battery cells	1976
19780088378	Qualification, verification test of Mallory mercury batteries	1976
19780088432	Technology and assessment on neutron absorbing materials	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088443	Abnormal phenomena observed in the light transmitted by an alpha-lithium iodate crystal under the action of an electrostatic field	1976
19780088445	B-1 production lot 1 subcontract management plan	1976
19780088446	Statement of work B-1 lot 1 production aircraft 5, 6, and 7	1976
19780088513	B-1 aerodynamic force, moment and load distributions	1976
19780088529	ATF failure protection study	1976
19780088540	Performance improvement study implementation	1976
19780088547	B-1 non-nuclear structural vulnerability analysis plan (subsystem response analysis)	1976
19780088549	B-1 min-mod wing sweep actuator: Description of modifications and math model program	1976
19780088550	Analysis of the B-1 aft avionics bay vibration environment	1976
19780088555	B-1 engine-mounted shroud temperatures due to the specified absorbed nuclear flash	1976
19780088563	B-1 nacelle design criteria engine mounted shroud(A/C4 and subs)	1976
19780088583	Wet slug tantalum capacitor usage in the B-1	1976
19780088597	Development of a non-scavenged self-cleaning air filter for the AGT-1500 gas turbine engine	1976
19780088601	B-1 inlet/engine AIP flight test data Rockwell/GE Audit Gate	1976
19780088607	Control Configured Propulsion (CCP): Design criteria definition. Volume 2: Reference handbook	1976
19780088617	A summary of some Structural Mode Control System (SMCS) related phase 1 flight test results	1976
19780088618	Roll trim concept evaluation	1976
19780088621	B-1 flap/slat control system simplification for production study	1976
19780088626	Direct side force control criteria for dive bombing. Volume 1: Summary	1976
19780088633	Study of future payload technology space test and development requirements	1976
19780088676	GSRS concept definition phase	1976
19780088685	Colloquium on the Main Subsystems of the HELIOS command in Weilheim-Lichtenau on 20 March 1975	1976
19780088695	Development of improve nozzle materials for launch vehicle applications	1976
19780088711	Investigations into the mechanisms of thermal cycling damage in metal matrix composites	1976
19780088718	Shear modulus testing of polyester elastomers with torsion pendulum	1976
19780088731	Solder flux cleaning information received in response to UDR Y9-U-76-01	1976
19780088733	Pitting behavior of aluminum alloys in high velocity sea water	1976
19780088811	Manufacturing methods for miniature traveling wave tubes, volume 2	1976
19780088812	Manufacturing methods for miniature traveling wave tubes, volume 3	1976
19780088818	Source control drawing resistor, fixed wirewound fuse resistor/3040857 D	1976
19780088823	Qualification of drawing 3203058	1976
19780088824	Qualification of TRW type 234 arc suppression networks to Ge drawing 7531071	1976
19780088825	Filter assembly, bandpass (P/N 352390-1)	1976
19780088830	Filter, low pass source control drawing	1976
19780088835	Manufacturing methods for miniature traveling wave tubes, volume 1	1976
19780088844	Intermittency test on JANTX1N4148-1	1976
19780088845	Storage reliability of aerospace equipment	1976
19780088849	Parylene C conformal coating engineering evaluation test	1976
19780088851	Electrical wire connections	1976
19780088853	Diode array, monolithic	1976
19780088856	Electrical machines with superconducting windings. Heteropolar d.c. machines	1976
19780088858	Device evaluation test report on semiconductors, diode, reference, junction, diffused, lead-axial	1976
19780088859	Device evaluation test report on semiconductors, diode, reference, junction, diffused, lead - axial	1976
19780088860	Device evaluation test report on semiconductors, diode, rectifier, junction, diffused, lead - axial	1976
19780088861	Device evaluation test report on semiconductors, diode, rectifier junction, planar, flat	1976
19780088862	Device evaluation test report on semiconductors, diode, rectifier, junction, diffused, lead-axial	1976
19780088867	Microelectronic circuits, linear, monolithic, regulator, can, metal	1976
19780088869	Microcircuit, positive voltage regulator	1976
19780088870	Lot acceptance data for SP7615E 11-57-3552	1976
19780088909	The effects of high intensity impulse loading on reinforced concrete beams	1976
19780088940	Solar water heating	1976
19780088981	Basics measuring and monitoring factory noise	1976
19780089003	B-1 program military standard 1528 modified production management	1976
19780089007	B-1 program. Military standard 1567 modified: Work measurement	1976
19790002329	Forest inventory of east Thailand using ERTS-1 and ground truth survey	1976
19790002453	A one-dimensional model and its application to the study of the diurnal cycle	1976
19790003579	The organization of communications of the YeS computer and the M-60000 computer	1976
19790070543	Leading edge structural subsystem mechanical design allowables, volume 3	1976
19790070577	Reduction of liquid hydrogen boiloff reliquefaction cycle analysis	1976
19790070727	Techniques for the automatic construction and verification of machine independent software	1976
19790071353	Project SAGE: Solar Assisted Gas Energy	1976
19790071472	Physical environment atlas of coastal Alabama supplement	1976
19790071851	Coupling of signals to brown fat: Alpha- and beta-adrenergic responses in intact rats	1976
19790071897	Future experimental problems in photoionization	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790071898	The calculation of the statistical counting error for Rn-222 scintillation counting	1976
19790074225	Study of the potentials for improving the efficiency and economics of liquid hydrogen produced from coal	1976
19790074423	NTRPOLATE: System utilities routines programmer's reference manual, revision A	1976
19790074426	Procedure for rebuilding EDIN system packs: Programmer's reference manual, revision B.	1976
19790074427	Procedure for rebuilding EDIN system pack 0: Programmer's reference manual revision A	1976
19790074555	Phenomenological rate process theory for the storage of atomic H in solid H2	1976
19790074712	Microcracks in rocks	1976
19790074738	IMP: Interactive Mass Properties program. Volume 2: Users manual	1976
19790075244	Future payload technology space test and development requirements	1976
19790075972	Wind-Electric Power Generation in Montana	1976
19790076299	Ad Hoc 144-3 Space Coordination	1976
19790076300	Ad Hoc 144-3 Space Coordination	1976
19790076308	Development of a shuttle fuel cell simulator	1976
19790077323	The 11th NASA-ASEE summer faculty systems engineering program	1976
19790077410	Combustion instability testing of NASA BSM propellant (UTP 19048) in the NWC t-burner	1976
19790078987	Thermal energy storage	1976
19790079654	Science Rationale for a Jupiter orbiter with probe mission	1976
19790079912	Supporting research and technology/data analysis: Report of the Physical Sciences Committee	1976
19790080479	Energy films catalog	1976
19790080567	Analysis of dual-frequency observations of interplanetary scintillations taken by the Pioneer 9 spacecraft	1976
19790080596	RDIO: Random Disk Input Output routine. Programmer's reference manual, revision B	1976
19790080597	EDIN0621A sizing and performance results	1976
19790080598	EDIN0621 sizing and performance results	1976
19790080599	EDIN0620 sizing and performance results	1976
19790080779	Wear control for naval aircraft components	1976
19790080866	Relay lamp switching on relays, armature, 2 amp, hermetically sealed DPDT	1976
19790080867	Resistor, variable, precision, conductive plastic on resistors, variable, plastic precision, single turn, linear, .10-.125 watt	1976
19790080870	Qualification on PNP power transistor, power, DC regulation, PNP bipolar, silicon, can	1976
19790080873	Oscillator, Crystal	1976
19790080891	Investigation of geometric effects on acoustic waves in E-beam lasers. Part 1: Interaction of normal shock waves with Rayleigh attenuators	1976
19790080892	Investigation of geometric effects on acoustic waves in E-beam lasers. Part 2: Experimental studies of Rayleigh materials and screens	1976
19790080898	Summary of methods for opening plastic encapsulated transistors for failure analysis	1976
19790080899	Methodology investigation: Development of a simultaneous three-axis vibration system	1976
19790080946	US-3A demonstration planning report	1976
19790080948	Detail actual weight and balance report for model B-1 air vehicle (U)	1976
19790080958	ACEVAL-AIMVAL test plan. Volume 7: Blue force tactics (U)	1976
19790080966	Detail actual weight and balance report for model B-1 air vehicle (U)	1976
19790080970	B-1 brake energy and performance requirements analysis (395,000 pound air vehicle) (U)	1976
19790080971	B-1 non-nuclear structural vulnerability analysis, volume 3 (U)	1976
19790080972	B-1 non-nuclear structural vulnerability analysis, volume 1 (U)	1976
19790080974	B-1 aircraft 4 specification dead weight distribution and mass moments of inertia (U)	1976
19790080975	An analysis of the B-1 configuration with a supercritical wing based on utilization of wind tunnel test data and theory (TPT-723) (U)	1976
19790080977	B-1 horizontal stabilizer survivability/vulnerability thermal testing (U)	1976
19790080981	B-1 manual terrain following feedback evaluation TP/PS 0223-1-013 close-out report (U)	1976
19790080987	Detail actual weight and balance report for mode B-1 air vehicle (U)	1976
19790081003	Cold weather investigation for B-1 landing gear endurance test (U)	1976
19790081019	ACEVAL-AIMVAL test plan. Volume 8: Red force tactics (U)	1976
19790081033	Modular missionization systems exploratory analysis phase (U)	1976
19790081052	Flight control surface area loss analysis for the non-nuclear subsystem response analysis (U)	1976
19790081054	Nuclear gust response data for B-1 prototype A/C (U)	1976
19790081060	Study of future payload technology space test and development requirements	1976
19790081093	General Support Rocket System (GSRS) concept definition study. Volume 1: Summary (U)	1976
19790081094	GSRS. Concept definition phase. Volume 2: Design considerations (U)	1976
19790081095	General Support Rocket System (GSRS) concept definition study. Volume 2: Design considerations, part 2 (U)	1976
19790081096	General Support Rocket System (GSRS) concept definition study. Volume 2: Design considerations, part 3 (U)	1976
19790081097	General support Rocket System (GSRS) concept definition study. Volume 3: Recommended concept (U)	1976
19790081098	General Support Rocket System (GSRS) concept definition study. Volume 1: System summary (U)	1976
19790081099	General Support Rocket System (GSRS) concept definition study. Volume 2: Design considerations. Book 1: Systems analysis (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081100	General Support Rocket System (GSRS) concept definition study, appendices. Volume 2: Design considerations. Book 2: Rocket (U)	1976
19790081102	General Support Rocket System (GSRS) concept definition study. Volume 1: Summary report(U)	1976
19790081103	GSRS, concept definition phase. Volume 1: Summary (U)	1976
19790081104	General Support Rocket System (GSRS). Volume 2: Trade-off study (U)	1976
19790081105	General Support Rocket System (GSRS). Volume 1: Technical description (U)	1976
19790081106	General Support Rocket System (GSRS) concept definition study. Volume 3: System description (U)	1976
19790081107	General Support Rocket System (GSRS) concept definition study. Volume 2: Trade studies (U)	1976
19790081108	General Support Rocket System (GSRS) concept definition study. Volume 2: Design considerations, part 1 (U)	1976
19790081111	GSRS concept definition phase, appendix 2 (U)	1976
19790081112	GSRS, concept definition phase, appendix 3 (U)	1976
19790081113	General Support Rocket System (GSRS) concept definition study. Volume 2: Design considerations. Book 3: Ground Support Equipment (GSE) (U)	1976
19790081114	General Support Rocket System (GSRS) concept definition study. Volume 2: Design considerations. Book 4: Operational employment, Reliability and Maintainability (RAM) and Integrated Logistics Support (ILS) (U)	1976
19790081115	General Support Rocket System (GSRS) concept definition study. Volume 3: System concept. Book 1: Rocket system performance and rocket concept baseline (U)	1976
19790081116	General Support Rocket System (GSRS) concept definition study. Volume 3: System concept. Book 2: Ground support equipment concept baseline (U)	1976
19790081117	General Support Rocket System (GSRS) concept definition study. Volume 3: System concept Book 3: Operational employment, Reliability And Maintainability (RAM) and Integrated Logistics Support (ILS) (U)	1976
19790081118	General Support Rocket System (GSRS) concept definition study. Volume 3: System concept. Book 4: Design-to-unit-cost and program plans, tests, and cost (U)	1976
19790081119	GSRS, concept definition phase, appendix 1 (U)	1976
19790081120	GSRS, concept definition phase. Volume 3: System concept (U)	1976
19790081136	An assessment of sea launched Cruise Missile survivability against Soviet air defenses (U)	1976
19790081296	Air combat fighter radar cross section reduction, volume 1 (U)	1976
19790081298	Air combat fighter radar cross section reduction, volume 3 (U)	1976
19790081299	Air combat fighter radar cross section reduction, volume 2 (U)	1976
19790081377	Engineering feasibility model - laser communications	1976
19790081444	Square deal explosive source (SUS) propagation measurements (U)	1976
19790081528	Static test-root end of the improved main rotor blade for the AH-1Q helicopter, revision a	1976
19790081561	Flight motion simulation requirements. Volume 1: Technical discussion and appendices A through E	1976
19790081594	Evaluation of alternative formulations for NOSOL-318 propellant	1976
19790081649	LAMPPOST. A CW chemical laser mixing code for unstable resonators. 1: Concept, formulation and initial results	1976
19790081650	LAMPPOST: A CW chemical laser mixing code for unstable resonators. 2: User's guide for 2D, on-axis resonators	1976
19790081786	Climatic laboratory evaluation Iranian model 214A helicopter	1976
19790081797	Development of a design specification for 270 volt direct current, oil cooled, aircraft generator system	1976
19790081812	Advanced tactical rocket trajectory control module	1976
19790081856	High quality low cost titanium powder	1976
19790081857	High quality low cost titanium powder	1976
19790081858	High quality low cost titanium powder	1976
19790081862	Manufacturing processes for the production of near net superalloy disk shapes by isothermal forging	1976
19790081883	Program controlled parts list. General baseline document	1976
19790081884	Aluminum brazed antenna manufacturing methods	1976
19790081916	Missile command specification microcircuit, digital, schottky, TTL 8-line to 3-line priority encoder	1976
19790081932	Phase shifter manufacturing methods program	1976
19790081975	Plasma arc welding	1976
19790081990	Contribution to the development of an integrated evaluation model for air reconnaissance. Part 1: Description of extinction and scattering of hydrometeors in the region from 0.25-15 micrometers using a computer program	1976
19790082001	Higher energy density lithium reserve battery	1976
19790082055	Process Specification: Adhesive Bonding with Loctite Superbonder Cyanoacrylate	1976
19790082056	A process specification: Adhesive bonding with hysol EA 9309 on attaching methods and materials, bonding, chemical, non-metallic, epoxy	1976
19790082064	Failure analysis report on switches, electrical, push button, mechanical, SPDT	1976
19790082065	Crystal, quartz, 10MHZ, source control, revision G	1976
19790082066	Termination, coaxial - low power, with N plug	1976
19790082199	Manufacturing process for the production of near net superalloy disk shapes by isothermal forging	1976
19790082200	Manufacturing processes for the production of near net superalloy disk shapes by isothermal forging	1976
19790082204	Cadmium metal embrittlement of zircaloy-2	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082218	Manufacturing methods program for automation of the thermal spray process	1976
19790082219	Manufacturing methods program for automation of the thermal spray process	1976
19790082256	AAFE large depolyable antenna development program: Technical summary	1976
19790082268	Antenna, DF spiral (high bond) antennas radar automatic tracking and scanning	1976
19790082298	Failure analysis report on resistors, fixed, wirewound, power chassis-mounted, vitreous enamel	1976
19790082299	Failure analysis report on resistors, variable, cermet, multiturn, thread drive, linear, 50 watt	1976
19790082303	Microcircuit, ECL voltage controlled oscillator	1976
19790082304	Ingrated circuit 2-channel analog switches	1976
19790082311	Report of test on 8 bit bipolar digital to analog converter type MN9192 (mn3001H/B), number 5	1976
19790082312	Reliability prediction for microwave transistors	1976
19790082315	SMA connector failure EF-111A quality test	1976
19790082316	Coil, fixed, radio frequency	1976
19790082336	Adaptive controlled laser drill inspection	1976
19790082365	Fastener preload indicator	1976
19790082367	Plasma arc welding	1976
19790082456	Qualification of drawing 3203082	1976
19790082472	Manufacturing cost/design guide	1976
19790082485	Government competitive test utility tactical transport aircraft system (UTTAS) Boeing Vertol YUH-61A helicopter	1976
19790082566	The effect of temperature cycling on creep-rupture of eutectic and conventional superalloys	1976
19790082666	Capacitors, fixed, miniature, ceramic dielectric, high stability	1976
19790082667	Reliability engineering report, D/C 7522 on microelectronic circuits, digital, monolithic, multivibrator, transistor-transistor logic, flat, ceramic	1976
19790082669	Reliability engineering report, D/C 7534 on microelectronic circuits, digital, monolithic, decoder, transistor-transistor logic, dual-in-line, ceramic	1976
19790082671	Reliability engineering report (1H159-001V-030B) on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, flat, metal	1976
19790082677	Relay, armature, 2PDT, magnetic latching half-size crystal, 2 amperes	1976
19790082679	Amplifier, IF	1976
19790082680	Resistor, fixed film precision	1976
19790082681	Attenuator RF on microelectronic circuits, hybrid, amplifier, can, metal	1976
19790082682	Oscillator, crystal, 10 MHz	1976
19790082684	Demonstration of a novel UHF digital capacitor tuning system for color TV	1976
19790082687	Switch, rotary thumbwhell eight position on/off	1976
19790082689	TRW-Inc. drawing 1A036 group B data on capacitors, fixed, chips, no enclosure, lead mount, MIL-EST. Reliability	1976
19790082690	Quality assurance and reliability test report-48608 on semiconductors, diode, switch, thyristor, silicon, can	1976
19790082693	Report of test on 10 bit digital to analog converter, type MN9177 (MN3254H/B), number 4	1976
19790082898	Investigation of new liquid hydrocarbon fuels for ramjets and liquid propellant guns	1976
19790082921	Analog to digital converter	1976
19790082923	Component test report	1976
19790082924	Filter, EMI, low pass filters, electrical, low pass, fixed	1976
19790082960	Source control drawing, screwlock assembly	1976
19790083103	Effects of nonlinear combustion on the stability of a liquid propellant system	1976
19790083157	Switch, rotary thumbwheel ten position, BCD output	1976
19790083159	Microcircuit post cap inspection TIROS	1976
19790083174	Microcircuit, digital, divide by 10 or 11 prescaler	1976
19790083181	Design of an extended range three wavelength distance measuring instrument	1976
19790083191	Face pumped laser efficiency improvement program	1976
19790083212	Relative phase and amplitude response to gravity waves of minor species in the thermosphere	1976
19790083241	Compact infrared heat trap field optics	1976
19790083254	Joint Operation Planning System (JOPS 3) force requirements generator FRG	1976
19790083263	Far-ultraviolet prospecting of the entire lunar regolith	1976
19790083282	Transonic aircraft technology, TACT program. Volume 1: Program summary	1976
19790083283	Transonic aircraft technology, TACT program. Volume 2: Aerodynamic design and analysis	1976
19790083284	Transonic aircraft technology, TACT program. Volume 3: Structural design and analysis including fabrication and instrumentation	1976
19790083285	Transonic aircraft technology, TACT program. Volume 4: Aircraft physical characteristics	1976
19790083286	Transonic aircraft technology, TACT program. Volume 5: 1/12 scale high-Reynolds-number flexible-wing force model	1976
19790083287	Transonic aircraft technology, TACT Program. Volume 7: Program documentation	1976
19790083288	Transonic aircraft technology, TACT program. Volume 8: Wind tunnel summary	1976
19790083289	Transonic aircraft technology, TACT program. Volume 9: Flight test summary	1976
19790083295	Tactical Air-to-Air Mission Evaluation (TAME) model. Presentation	1976
19790083333	Automated multi-ply continuous broadgoods	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083369	Hullborne loads and motions for the Bell aerospace company 2KSES design obtained from model experiments in oblique seas	1976
19790083390	Potential JTIDS protocols	1976
19790083392	Support to the joint tactical information Distribution System (JTIDS) program	1976
19790083404	Microcircuit, digital, dual multivibrator, monostable 170746	1976
19790083405	IF amplifier 170743	1976
19790083417	Trident (C4) power diode and transistor characterization, RCA 3063476-1 power transistor, volume 2	1976
19790083418	Trident (C4) power diode and transistor characterization. Volume 3: Texas Instruments 3063476-1 power transistor	1976
19790083425	Qualification test report 39003-295-76-on capacitors, fixed, electrolytic, tantalum, solid, hermetically sealed, lead mound	1976
19790083442	Source control drawing, inductor, reactor	1976
19790083443	Source control drawing, choke, filter	1976
19790083444	Source control drawing, choke, dual winding, RFI	1976
19790083469	Hydraulic system contamination monitoring and control	1976
19790083553	Meeting of the IRIS Specialty Group on Infrared Detectors, volume 1	1976
19790083564	Technology of stannic oxide semiconductor layers	1976
19790083584	CS2: candidate for the 3150A Venus band	1976
19790083652	Phoenix F-14A Visual Target Acquisition System (VTAS) integration (U)	1976
19790083680	The Sisyphus system: Evaluation, suggested improvements and application to measurement of space debris	1976
19790083788	Advanced aluminum alloys: Warm stretching of extrusion, 7050-T76511	1976
19790083834	JTIDS phase 1 integration study. DD-1423 sequence no. A001	1976
19790083835	JTIDS phase 1 integration study. Relative navigation integration study	1976
19790083836	JTIDS phase 1 integration study. Digital voice study	1976
19790083837	JTIDS phase 1 integration study, JTIDS operational study	1976
19790083889	Millimeterwave electro-optic-counter measures (U)	1976
19790084202	Preliminary fatigue life calculation of the AH-1Q, R, S helicopters with the K-747 improved main rotor blade	1976
19790084224	Transonic longitudinal stability evaluation of F-4 aircraft carrying unguided SUU-54A/B dispensers	1976
19790084300	On the formation of dioxygen from water	1976
19790084309	Fracture characterization of MAR-M-246 nickel alloy, Hp-1blade and vane, TF41 engine	1976
19790084318	High strength steel fatigue variables	1976
19790084319	Comparison of exfoliation test methods on 7075-T7651 aluminum alloy plate	1976
19790084320	Fatigue and fracture of 7475 and 2024 aluminum alloy sheet	1976
19790084327	Coatings for directional eutectics	1976
19790084328	Comparison of the thermal stability of beta and beta alumina at high pressures	1976
19790084329	The effect of NaCl on high temperature hot corrosion	1976
19790084347	Permanent stresses in glass by sandblasting	1976
19790084354	Arylenesiloxane polymers for use as high temperature aircraft integral fuel tank sealants. Part 1: The synthesis and reactions of novel linear and cyclic alkarylenesiloxanes	1976
19790084356	Impact response characteristics of polymeric materials	1976
19790084419	Development of a JTIDS interface device for DTII/OITT system laboratory testing	1976
19790084547	Transistors, field effect, junction and metal oxide semiconductors, general specification for, semiconductor, transistor	1976
19790084553	Microcircuit, digital, two-channel, high speed driver with SPST switch, 16 pin dip	1976
19790084570	Report of test on Holtite (TM) printed wiring contracts	1976
19790084574	Comparison of gold, platinum and electron irradiation for controlling lifetime in power rectifiers and thyristors	1976
19790084641	Laser damage studies	1976
19790084675	Bayesian hypothesis testing with applications to reliability models	1976
19790084870	Installation and operation, modified jetstar L. E. flap for the NASA LFC leading-edge contamination tests	1976
19790084890	Evaluating air combact maneuvering engagements, volume 2. Results of harrier versus F86 (U)	1976
19790084963	Quality standards for production titanium alloy casting	1976
19790084994	Proposed modifications to the JTIDS v1-1 and V1-2 messages for the implementation of the TADIL C function (U)	1976
19790084995	Proposed method of utilizing JTIDS to carry existing TADIL A information (U)	1976
19790084996	An analysis of digital data link communications requirements for combat direction functions (U)	1976
19790085010	Comparison of TADIL C and interim JTIDS message specification data items (U)	1976
19790085013	Proposed method of utilizing JTIDS 1 to carry existing TADIL A and TADIL C information (U)	1976
19790085022	ESM optical processing (U)	1976
19790085047	Improved IR surface temperature measurements for integrated circuits	1976
19790085061	BLCS research	1976
19790085072	Multi-pulse coded laser target designator (U)	1976
19790085086	The development of a dynamic model for miniature bearing cages	1976
19790085096	Barium releases for communications-related experiments (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085133	An assessment of a tower experiment at Grafenwoehr. Part 1: Pulse gated TV and FLIR night operation. Part 2: Direct view, silicon TV and FLIR daylight operation (U)	1976
19790085167	Compatibility test of 600-gallon cargo carrier for ADTC F-4C/D aircraft	1976
19790085169	A-7 canopy structural investigation	1976
19790085184	Test results of non-rotating natural frequency tests of the improved main rotor blade for the AH-1Q helicopter	1976
19790085185	Test results - fatigue tests of the root end and outboard sections of the Improved Main Rotor Blade (IMRB) for the AH-1Q helicopter	1976
19790085186	Test results - fatigue tests of the root end and outboard sections of the Improved Main Rotor Blade (IMRB) for the AH-1Q helicopter	1976
19790085187	Aircraft flight testing	1976
19790085208	Static and dynamic development testing of the Ca launch tube closure	1976
19790085218	Aircraft navigation system verification of the SPN/GEANS inertial navigation system	1976
19790085228	A general method for numerically simulating the stochastic time evolution of coupled chemical reactions	1976
19790085288	Integrated circuit electrical evaluation	1976
19790085331	Electrochemical pumping of laser dyes	1976
19790085350	Optimum allocation schemes for accelerated tests to estimate survival probability at a design stress	1976
19790085525	Development of tube instrumentation and shock tube gun techniques for investigation of heat transfer and erosion in large caliber guns eight-inch howitzer studies	1976
19790085671	Oscillator, crystal	1976
19790085683	Connectors, electrical, RF, coaxial, type TNC	1976
19790085690	Transistor, die, power, darlington, PNP silicon	1976
19790085694	Connector, electrical-rectangular receptacle for 40 and 45 removable pin contacts	1976
19790085708	Building 10 test results, microcircuit	1976
19790085709	Building 10 test results, diode	1976
19790085710	Building 10 test results transistor summary report for 1975 with summary addenda	1976
19790085711	Nonstandard part data sheet for microcircuit, linear	1976
19790085712	Nonstandard part data sheet for microcircuit, linear	1976
19790085713	Nonstandard part data sheet for microcircuit, digital	1976
19790085714	Nonstandard part data sheet for microcircuit, digital	1976
19790085715	Nonstandard part data sheet for microcircuit, digital	1976
19790085716	Nonstandard part data sheet for microcircuit, digital	1976
19790085717	Microcircuit, digital, memory (RAM)	1976
19790085725	Integrated circuit 3-terminal negative voltage regulator	1976
19790085727	Contact, electrical-removable crimp style	1976
19790085728	Microcircuit linear voltage comparator	1976
19790085729	Analog gate, dual, FET	1976
19790085730	Microcircuit, linear voltage regulator	1976
19790085731	Adapter, coaxial - SMA receptacle/N receptacle, with square flange	1976
19790085758	Laser dye stability. Part 2: Input energy per flash, dye concentration, and mirror reflectivity effects	1976
19790085759	Laser dye stability. Part 1: Flash frequency and fluid filtration effects	1976
19790085798	Report of qualification tests on power supplies, electrical, non-rotating, converters	1976
19790085821	Industrial face shield performance test	1976
19790085851	Common module scanner redesign	1976
19790085878	BLCS (Boundary Layer Control by Suction) research	1976
19790085923	Device evaluation test report	1976
19790086016	Device evaluation test on resistors, fixed, metal film, NOC	1976
19790086017	Device evaluation test report, resistor, fixed, wirewound	1976
19790086018	Reliability verification test transformer, pulse	1976
19790086019	Relay acceptance test report	1976
19790086020	Operational amplifier	1976
19790086022	Microcircuit, hybrid power amplifier	1976
19790086025	Integrated circuit, wideband limited amplifier	1976
19790086026	Integrated circuit, operational amplifier	1976
19790086031	Nonstandard part data sheet for rectifier, semiconductor device	1976
19790086032	Nonstandard part data sheet for mixer, double balanced	1976
19790086034	Device evaluation test report microcircuit, dual 2 to 4 line demultiplexer	1976
19790086035	Evaluation of the capability of transage 129 Ti-2Al-11V-2Sn-11Zr alloy for heavy section forgings	1976
19790086037	Reliability verification test transformer, power 50 KHz	1976
19790086038	Semiconductor device, diode, power rectifier, source control drawing	1976
19790086040	Capacitor, fixed, ceramic dielectric source control drawing	1976
19790086041	Device evaluation test report microcircuit, dual 4-input nand gate	1976
19790086060	Weldbond joining process bibliography	1976
19790086063	Service life evaluation program report (H038-A2C)	1976
19790086067	Environmental data index and the Oceanic and Atmospheric Scientific Information System	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086186	Low glare canopy: Scout (OH-58) (LOGLAS)	1976
19790086207	Hydrofluidic stability augmentation system (HYSAS)	1976
19790086229	Qualification test report fairing jettison rocket motor assembly	1976
19790086247	The high temperature creep behavior of doped tungsten wire	1976
19790086284	Nonstandard part data sheet for: Microcircuit, linear	1976
19790086285	Electrical conductivity of shielding gaskets under vibration	1976
19790086289	Vendor equalification test	1976
19790086290	Microcircuit post cap inspection TIROS	1976
19790086293	Microcircuit memory testing and evaluation	1976
19790086294	Reliability report, Schottky and low power Schottky TTL devices	1976
19790086299	Integrated circuits 3-terminal adjustable voltage regulator	1976
19790086300	Integrated circuit hex D-type flip flops	1976
19790086301	Integrated circuit quad exclusive-or gates	1976
19790086302	Microcircuit, analog operational amplifier, wide band	1976
19790086303	Connector, coaxial, SMA series, right angle receptacle for PC board mount	1976
19790086304	Integrated circuit, quad d-type flip-flop Schottky	1976
19790086312	Bond wire change and glassivation evaluation	1976
19790086314	Nonstandard part data sheet for: Transistor - PNP	1976
19790086317	Filter: Acceptance test report	1976
19790086331	Microcircuit post cap inspection TIROS	1976
19790086335	Connector, PCB with coaxial contacts	1976
19790086336	Resistors, variable, wire-wound precision	1976
19790086337	Resistors, variable, wire-wound, precision	1976
19790086338	Microcircuit hybrid, four channel multiplexer FET	1976
19790086341	Device evaluation test report on semiconductors, diode, reference, junction, diffused, lead-axial	1976
19790086342	Device evaluation test report on semiconductors, diode, reference, junction, silicon, lead-axial	1976
19790086344	Reliability engineering report on microelectronic circuits, digital, monolithic, multivibrator, transistor-transistor logic, flat, ceramic	1976
19790086345	Reliability engineering report on microelectronic circuits, digital, monolithic, decoder, transistor-transistor logic, dual-in-line, ceramic	1976
19790086347	Capacitors, fixed, electrolytic (tantalum) foil types	1976
19790086349	Component qualification report on microelectronic circuits, digital, flip-flop/bistable multivibrator, low power schottky TTL dual-in-line, ceramic	1976
19790086389	Qualification test report, C3 electronic battery (Yardney)	1976
19790086434	Electron irradiation-induced divancy in lightly doped silicon	1976
19790086523	Performance of the phase correlator in image guidance applications	1976
19790086578	Aircraft tow tractor (TUG)	1976
19790086635	Space shuttle thermal cycle test stud type terminal board	1976
19790086659	The stability of silicon carbide in gas-condensate environments	1976
19790086671	Towards an understanding of the heat distortion temperature of thermoplastics, filled and unfilled	1976
19790086719	Evaluation of Methode edgecard connectors	1976
19790086720	Evaluation of signetics TTL 8-bit shift register (54165) per General Electric drawing 7537188	1976
19790086727	Microcircuit, digital counter, BCD decade	1976
19790086728	Integrated circuit, analog voltage comparator	1976
19790086729	Microcircuit, digital, counter, control logic unit	1976
19790086730	Circuit breaker, 30 ampere, 125 volt single pole, series trip	1976
19790086731	SEM qualification test report on modules, resistor arrays	1976
19790086733	Report of test on transformer, power, 3-hase, 400-hertz, 848197 revision, C.	1976
19790086734	Protective requirements for electrostatic-sensitive electronics	1976
19790086740	Microcircuit, linear voltage comparator	1976
19790086741	Microcircuit phase/frequency detector	1976
19790086742	Integrated circuit, operational amplifier	1976
19790086749	Group B and C test data (1H234-002V-175)	1976
19790086751	Quality assurance brief	1976
19790086752	Investigation of contact resistance in Ag/Ni and Ag/Ni/Sn composites for low voltage contacts	1976
19790086755	Failure analysis on connectors, electrical, receptacle only, RF, captive, straight round, environmental	1976
19790086756	Insulation resistance measurements: LANDSAT WBVTR	1976
19790086782	Responses to Urgent Data Request (UDR) number N4-U-76-01	1976
19790086783	Photographic video disc technology assessment report	1976
19790086796	Folding sidewall run-flat tires (run-flat tires)	1976
19790086815	GE 1.2 V ni-Cad battery test batteries, rechargeable, wet cell, nickel-cadmium, single-cell, preactivated	1976
19790086843	Reliability evaluation of Programmable Read-Only Memories (PROMs), part 2	1976
19790086890	Brush assembly	1976
19790086908	The use of GPS for PELSS navigation (U)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086913	APE configuration, instrumentation plan and summary of pre-APE test results for the AH-1Q improved main rotor blade	1976
19790086934	Dynamic behavior of reentry vehicles during transition (U)	1976
19790086977	Project Trojan (U)	1976
19790087004	Mini-ELS analysis (U)	1976
19790087014	Reliability engineering test report on semiconductor, transistor, general purpose, NPN bipolar, silicon, can	1976
19790087015	Microcircuit, linear, voltage regulator monolithic silicon	1976
19790087016	Microcircuit, operational amplifier, high slew rate, monolithic, silicon	1976
19790087025	Power transformer, step-down	1976
19790087026	Capacitor, tantalum	1976
19790087028	Component qualification report, integrated circuit, national semiconductor company	1976
19790087033	Qualification test report on transformers, three phase, hermetically sealed, 400 hertz only	1976
19790087038	P-15 memory microcircuit problem	1976
19790087042	SEM quality assurance activity test report on modules, digital-analog converter	1976
19790087076	Product Assurance: Proceedings of a Symposium	1976
19790087214	F-18 standardization plan, revision A	1976
19790087217	Preliminary airframe structural design load prediction techniques for military aircraft. Volume 1: FASTLOADS description and validation	1976
19790087218	Preliminary airframe structural design load prediction techniques for military aircraft. Volume 5: Netloads module, technical report and user's manual	1976
19790087237	Ground support equipment, adapter set, spar pressurization, P/N K747-402-1	1976
19790087238	Ground support equipment, adapter, spar pressurization, P/N K747-402-1	1976
19790087278	Substrate, ceramic, alumina, unglazed	1976
19790087375	Report of test on resistor assembly voltage divider, 845879	1976
19790087378	Integrated circuit, dual, 4-input positive and gate	1976
19790087380	DC torque motor, pancake design	1976
19790087386	Transistor, dual, NPN silicon	1976
19790087393	Reliability engineering test report on semiconductor, transistor, general purpose, NPN bipolar, silicon can	1976
19790087408	Missile command specification semiconductor device, rectifier	1976
19790087409	Missile command specification oscillator, crystal, oven temperature controlled	1976
19790087410	Missile command specification, power supply, dc to dc converter	1976
19790087411	Missile command specification, hybrid microelectronic device, d/a converter	1976
19790087420	Reliability engineering test report on microelectronic circuits, hybrid, regulator, thick films, plug-in, metal-ceramic	1976
19790087565	Test results for rotor whirl demonstration of the AH-1Q improved main rotor blade	1976
19790087571	Fractographic material properties of nimonic 118 nickel alloy, HP-2 blade, TF41 engine	1976
19790087572	APSICOST: Model and method for turbine engine design to life cycle cost	1976
19790087575	APU failure investigation, bell lighter, air cushion vehicle LACV T-62 T-32-3 alturdyne	1976
19790087599	Minuteman 2 propulsion system rocket engine ten-year surveillance program	1976
19790087718	Source control drawing, resistor, beam, lead, fixed, film, chip	1976
19790087729	Capacitor, fixed, electrolytic, plain tantalum foil, insulated tubular metallic case, polarized -55 C to 85 C	1976
19790087730	Capacitor, fixed, electrolytic, etched tantalum foil, insulated tubular metallic case, non-polarized, -55C to 85C	1976
19790087735	Resistor, chip, fixed, thick film	1976
19790087738	Source control drawing, relay, armature	1976
19790087741	Summary of life test results of MIL-R-3900-5C resistors	1976
19790087743	Source control drawing, relay, magnetic latch on relays, latching, hermetically sealed, DPDT	1976
19790087745	Plug, connector, electric, rectangular SCD	1976
19790087756	Transistor, photo, silicon, NPN	1976
19790087762	Integrated circuit, die, triple 3-input NAND gate, CMOS	1976
19790087770	Summary of life test results of MIL-R-39005C resistors	1976
19790087771	Quality conformance inspection documentation report	1976
19790087783	Integrated circuit, unity-gain voltage follower	1976
19790087784	Capacitors, fixed, electrolytic non-solid electrolyte, tantalum nonpolarized, plain foil, established reliability	1976
19790087786	Capacitor, fixed, glass dielectric	1976
19790087789	Capacitor, fixed, metallized polycarbonate dielectric, oil impregnated, rectangular case, hermetically sealed	1976
19790087792	Integrated circuit, triple 3-input positive NAND gate, low power Schottky TTL	1976
19790087798	Integrated circuit, dual differential voltage comparator	1976
19790087799	European research programme on viscous flows	1976
19790087810	Qualification test report for control valve, 3-way, 2 position	1976
19790087882	F-18 bearing usage policy, revision A	1976
19790087890	Design guidelines for subsonic transport windshields	1976
19790087891	Test results for an engine airframe compatibility demonstration on a YAH-1 R/S helicopter configured with the K747-003 improved main rotor blade	1976
19790087939	The effect of thermal history on the mechanical properties and crystallinity of polycarbonate	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087981	Integrated circuit, 5 volt, voltage regulator	1976
19790087983	Integrated circuit, die, low power monostable/astable multivibrator	1976
19790087991	Module, electronic, standard hardware program driver, interface, digital, key code QDG	1976
19790087992	Module, electronic, standard hardware program receiver, interface, digital, key code QDH	1976
19790087993	Module, electronic, standard hardware program, relay, key code HRF	1976
19790087994	DC torque motor, pancake design	1976
19790087997	Qualification of PNP switching transistors	1976
19790088003	Connector, receptacle, electrical, printed circuit, rectangular, elongated through hole mount	1976
19790088004	Connector, receptacle, electrical socket insert, molded body, microminiature, non-environmental rack and panel	1976
19790088005	Connector, receptacle, electrical, printed circuit, rectangular, floating bushing mount slotted mounting hole	1976
19790088007	Connector, receptacle, electrical, printed circuit, polarized, rectangular, thru hole mount, wire hole solder lug	1976
19790088008	Transistor, die, power, high voltage, PNP, silicon	1976
19790088011	Capacitor, fixed, electrolytic, etched tantalum foil, unisulate tubular metallic case, non-polarized, -55 C to 85 C	1976
19790088017	Qualification test report on capacitors fixed, electrolytic, tantalum, solid, hermetically sealed, lead mount	1976
19790088021	SEM quality assurance activity test report on modules, transformer arrays	1976
19790088022	Missile command specification integrated circuit, low bias current operational amplifier, TO-99 package	1976
19790088025	Integrated circuit, hybrid, converter analog to digital	1976
19790088029	Integrated circuit, die, 14-stage binary counter divider	1976
19790088035	Integrated circuit, operational amplifier die	1976
19790088036	Integrated circuit, high gain operational amplifier	1976
19790088041	Hydraulic system erosion and corrosion	1976
19790088054	Valve, pressure relief, manually operated	1976
19790088082	An assessment of the impact of human factors on the operations of the CRBR SCRS	1976
19800003824	An investigation of separated flow about a hemisphere-cylinder at 0- to 19- degree in the Mach number range from 0.6 to 1.5	1976
19800070391	Carrier and symbol sync estimation techniques for random signals	1976
19800070602	Remote sensing evidence and environmental law	1976
19800071514	Shuttle systems weight and performance	1976
19800071515	Shuttle systems weight and performance	1976
19800071516	Shuttle systems weight and performance	1976
19800071517	Shuttle systems weight and performance	1976
19800071518	Shuttle systems weight and performance	1976
19800071519	Shuttle systems weight and performance	1976
19800071520	Shuttle systems weight and performance	1976
19800071521	Shuttle systems weight and performance	1976
19800072876	RANDOMDEC: Mathematical background and application to detection of structural deterioration in bridges	1976
19800073392	New modification of the diamond anvil press: A versatile apparatus for research at high pressure and high temperature	1976
19800073411	Partitioning of transition metals in mineral structures of the mantle	1976
19800073412	Absorption spectra of transition metal-bearing minerals at high pressures	1976
19800073711	Gradient and Jacobian computation for numerical applications	1976
19800074226	Satellites for Distress Alerting and Locating	1976
19800075763	Report of the Joint Scientific Mission Definition Team for an Infrared Astronautical Satellite (IRAS)	1976
19800076062	Evaluation of the Faraday rotation for use in real time ionospheric modeling	1976
19800076094	A conceptual design study of a biological specimen holding facility. Volume 1: Executive summary	1976
19800076096	A conceptual design study of a biological specimen holding facility. Volume 3: Specimen support and experiment requirements design criteria	1976
19800076097	A conceptual design study of a biological specimen holding facility. Volume 4: Programmatic and cost analyses	1976
19800076311	Data user's handbook and design error analysis: Geos-3 radar altimeter, volume 1	1976
19800076512	A conceptual design study of a biological specimen holding facility. Volume 5: Previously qualified equipment data	1976
19800076513	Conceptual design for a biological specimen holding facility, volume 1	1976
19800076514	Conceptual design for a biological specimen holding facility. Volume 2: Appendix	1976
19800077122	Test plan for the flight load survey of the YAH-1R/S helicopter configured with a K747-003 improved main rotor blade	1976
19800077124	Test plan for ballistic impact and fatigue testing of sections of the AH-1Q improved main rotor blade	1976
19800077194	Semiconductor device, diode, die, rectifier, general purpose, silicon	1976
19800077195	Case, electrical circuit, power, multilead	1976
19800077196	Integrated circuit, quad 2-input positive-nor-buffer with open collector outputs, low power Schottky TTL	1976
19800077215	Integrated circuit, monostable multivibrator	1976
19800077236	Abrasion resistance of safety lenses	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077249	Report of test on relay assemblies S-D TR 5581 and supplement 1	1976
19800077286	SEM qualification test report on modules, composite, NOC	1976
19800077287	SEM quality assurance activity test report on modules, composite	1976
19800077288	Qualification test. Part 3: Time delay relays	1976
19800077296	Integrated circuit, differential voltage comparator	1976
19800077332	Space disposal of nuclear wastes: Socio-political aspects, volume 2	1976
19800077359	Bird strike capabilities of aircraft transparency materials	1976
19800077363	Linebacker flight path system	1976
19800077371	Preliminary airframe structural design load prediction techniques for military aircraft. Volume 4: Flight maneuvers module, and users manual	1976
19800077372	Preliminary airframe structural design load prediction techniques for military aircraft. Volume 6: Mass properties data module, and users manual	1976
19800077373	Preliminary airframe structural design load prediction techniques for military aircraft. Volume 7: Net point loads module, and users manual	1976
19800077378	Test plan - static blade deflection and buckling tests of the improved main rotor blade for the AH-1Q helicopter	1976
19800077380	Test plan for the autorotational performance demonstration of the K747-003 improved main rotor blade installed on a YAH-1 R/S helicopter	1976
19800077381	Test plan for a flying qualities demonstration on a YAH-1 R/S helicopter configured with a K74-003 improved main rotor blade	1976
19800077382	Test plan for a hydraulic subsystem demonstration on a YAH-1 R/S helicopter configured with a K747-003 improved main rotor blade	1976
19800077383	Test plan for an engine vibration demonstration on a YAH-1 R/S helicopter configured with a K747 improved main rotor blade	1976
19800077384	Test plan: Acoustical noise survey of standard and improved main rotor equipped AH 1Q helicopter	1976
19800077385	Test plan for the dynamic instability demonstration of the YAH-1R/S helicopter configured with the K747-003 improved main rotor blade	1976
19800077386	Test plan for an engine airframe compatibility demonstration on a YAH-1R/S helicopter configured with the K747-003 improved main rotor blade	1976
19800077387	Test plan for the structural demonstration of the K747-003 improved main rotor blade on a YAH-1R/S helicopter	1976
19800077388	Test plan for the total system vibratory survey of the K747-003 improved main rotor blade	1976
19800077415	Qualification test report, rocket motor, third stage eject	1976
19800077437	Stability of transparent materials under worldwide climate conditions	1976
19800077443	Qualification history documents	1976
19800077457	Test plan for radar reflectivity evaluation tests of the improved main rotor blade for the AH-1Q helicopter	1976
19800077459	Integrated circuit, quad, 2 input positive OR gate	1976
19800077470	Capacitor, fixed, electrolytic, plain, tantalum foil, uninsulated tubular metallic case, polarized, -55 deg C to 85 deg C	1976
19800077485	Reliability engineering test report on semiconductor, transistor, general purpose, NPN bi-polar, silicon, can	1976
19800077488	Eddy current loss distribution in a conducting plate near polyphase filaments	1976
19800077494	Transistor, die, silicon, PNP, high voltage	1976
19800077495	Transistor, die, silicon, NPN general purpose, high voltage	1976
19800077496	Transistor, die, silicon, PNP general purpose	1976
19800077498	Transistor, silicon, PNP, low power, switching	1976
19800077501	Integrated circuit, two-channel, SPDT, analog, CMOS, switch	1976
19800077506	Integrated circuit counter on microelectronic circuits, digital counter, divider	1976
19800077508	Semiconductor device, diode, die, low leakage, silicon	1976
19800077509	Integrated circuit, T2L and gate	1976
19800077513	Integrated circuit, dual differential voltage comparator	1976
19800077514	Integrated circuit, dual 4-input, power nand gate	1976
19800077515	Integrated circuit, transistor-transistor logic nand gate	1976
19800077516	Integrated circuit, dual JK flip-flop	1976
19800077517	Integrated circuit, JK flip-flop, and/or input	1976
19800077521	Integrated circuit, dual 2-wide, 2-input, and/or invert gate	1976
19800077522	Integrated circuit, T2L; 2/2/2/3 and/or invert gate	1976
19800077523	Integrated circuit, gated full adder	1976
19800077526	Wire, electrical, 600 V, 135 C	1976
19800077533	Status of qualification of standard electronic modules through OPE rating temperature	1976
19800077537	Connector, plug, electrical, socket contacts, miniature cylindrical, panel mount	1976
19800077539	Connector, receptacle, electrical, printed circuit, polarized, rectangular, through hole mount, wire slot solder lug	1976
19800077540	Connector, receptacle, electrical, printed circuit wire, slot solder lug, threaded insert mount	1976
19800077547	The effect of non-linear errors of an integrating accelerometer in the presence of sinusoidal vibration	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077692	Test results: Static blade deflection and buckling tests of the improved main rotor blade for the AH-1q helicopter	1976
19800077699	Bird resistant transparencies in high performance aircraft	1976
19800077700	Current aspects of optical requirements for aircraft transparencies	1976
19800077701	General aviation business aircraft transparencies: An update	1976
19800077702	Operational aspects and performances of transparencies fitted to current and future generation civil aircraft	1976
19800077703	The uses of laminated acrylic transparencies on high performance aircraft	1976
19800077705	System specification for advanced RPV system (U)	1976
19800077756	Missile guidance and control system: Hardness surveillance program	1976
19800077757	The tactical missile cost data handbook, volume 1	1976
19800077758	The tactical missile cost data handbook, volume 2	1976
19800077759	The tactical missile cost data handbook, volume 3	1976
19800077856	An elastomeric, thermoplastic, polycarbonate compatible aircraft transparency interlayer useful from 65 to 350 F	1976
19800077857	Environmental resistance of coated and laminated polycarbonate transparencies	1976
19800077858	Rain erosion behavior of transparent plastics and protective coatings	1976
19800077859	Stress solvent crazing of cast acrylic	1976
19800077860	Progress in the development of new transparent plastics and interlayer materials	1976
19800077902	UNICHAFF (U)	1976
19800077918	Report of test on precision voltage regulators, type U A723	1976
19800077919	Reliability qualification test record on transformer, hybrid, enclosed, 0-3 KHZ	1976
19800077920	Full duplex wavelength multiplexed fiber optic data link	1976
19800077921	Acceptance tests on filters, electrical, low pass, radio frequency, NOC, fixed	1976
19800077923	Quality-reliability assurance report semiconductor, transistor, power, dc regulation, NPN bipolar, silicon, can	1976
19800077924	Vendor survey for determining H2 sensitive capacitors and resistors	1976
19800077925	Qualification test on coils, inductance, fixed, radio frequency, NOC, ferromagnetic, NOC	1976
19800077926	Qualification tests on coils, inductance, fixed, radio frequency NOC, ferromagnetic NOC	1976
19800077927	Qualification tests on coils, inductance, fixed, radio frequency, NOC, ferromagnetic, NOC	1976
19800077938	Qualification of TRW metallized polycarbonate film dielectric capacitors	1976
19800077939	Evaluation of Raytheon's LM124 quad operational amplifiers to the requirements of hydro-aire standards specification S155	1976
19800077940	Evaluation of Advanced Micro's 741 operational amplifiers to the requirements of hydro-aire standard S101	1976
19800077943	Qualification tests on coils, inductance, fixed, radio frequency, NOC, air, encapsulated	1976
19800077944	Qualification tests on coils, inductance, fixed, radio frequency NOC, ferromagnetic, NOC	1976
19800077945	Qualification tests on coils, inductance, fixed, radio frequency NOC, Air, encapsulated	1976
19800077948	Capacitor, fixed, electrolytic, etched tantalum foil, uninsulated tubular metallic case, polarized, -55 C to +85 C	1976
19800077951	Integrated circuit, CMOS 16 channel multiplexer	1976
19800077956	Device evaluation test report on semiconductors, diode, reference, junction, diffused, lead-axial	1976
19800077962	Construction and adjustment of equipment of semiconductor production	1976
19800077978	Contact, Electrical connector, crimp type	1976
19800078025	High frequency ultrasonic testing of bonds application to silicon power devices	1976
19800078056	The status of thermal energy storage	1976
19800078123	B-1 windshield overview	1976
19800078177	Diverging radial flow of glass bead-filled polypropylene between parallel plates	1976
19800078178	The sintering behavior of covalently-bonded materials	1976
19800078199	A semi-automatic machine for the metallographic polishing of hard materials	1976
19800078200	Precipitation of gamma prime in gamma-alpha (Ni-Al-Mo) eutectics	1976
19800078202	Heat resistant sheet interlayer	1976
19800078205	An improved technique for the measurement of dynamic mechanical properties of viscoelastic materials	1976
19800078206	Degradation of methyl silicone fluids under nitrogen atmosphere at 370 C	1976
19800078207	Glass bead-filled polypropylene. Part 1: Rheological and mechanical properties	1976
19800078208	Glass bead-filled polypropylene. Part 2: Mold-filling studies during injection molding	1976
19800078220	Capacitor, fixed, electrolytic, plain tantalum foil, insulated tubular metal case, non-polarized, -55 C to 85 C	1976
19800078222	Digital integrated circuits, general specification for microelectronic circuits, digital, monolithic, revision E	1976
19800078243	Quality assurance report of special tests on microelectronic circuits, digital, counter, low price TTL, flat	1976
19800078251	The theory and application of a simple etch contour for near ideal breakdown voltage in plane and planar P-N junctions	1976
19800078252	A general method for predicting the avalanche breakdown voltage of negative bevelled devices	1976
19800078253	Defect spatial distributions in annealed ion-implanted silicon measured by a transient capacitance technique	1976
19800078267	Welding filter plates	1976
19800078270	Development of methods for random modal shaker analysis	1976
19800078344	Resistor, thermal, thermistor probe assembly, socket mounted, cylindrical	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078430	Performance analysis of AH-1 Q/S helicopter with improved main rotor blades	1976
19800078431	Aeroelastic and mechanical stability analysis of the AH-1 Q/S helicopter with the K-747 improved main rotor blade	1976
19800078432	Vibration analysis of the AH-1 Q/S helicopter with the K-747 improved main rotor blade	1976
19800078456	Ground support equipment, pressure heat pack, P/N K747-401-1	1976
19800078482	Prevention of fracture in BPA-polycarbonate structures	1976
19800078508	A novel technique for evaluating the work of adhesion	1976
19800078546	Integrated circuit, precision operational amplifier	1976
19800078552	Connector, receptacle, electrical, socket insert, push pull coupling, less contacts	1976
19800078563	Connector, receptacle, electrical, printed circuit, wire slot solder lug, thru hole mount	1976
19800078568	Electromagnetic emission and susceptibility testing on voltage sensitive time delay relay	1976
19800078570	Capacitor, fixed, electrolytic, tantalum foil, hermetically sealed rectangular metallic case, polarized, etched foil, -55 deg C to 125 deg C	1976
19800078573	Slip ring assembly, electrical contact, 80 circuit	1976
19800078575	Circuits for broadband TRAPATT amplifiers	1976
19800078576	Silicon gate CMOS/SOS characterization under total dose ionizing radiation	1976
19800078626	Development of a high performance and lightweight hybrid flywheel/battery powered electric vehicle drive	1976
19800078652	Distributed computer systems for control	1976
19800078711	Preliminary aircraft structural design load prediction techniques for military aircraft. Volume 2: Aerodynamic data module, technical report and users manual	1976
19800078712	Preliminary airframe structural design load prediction techniques for military aircraft. Volume 3: Inertia loads module, technical report and users manual	1976
19800078752	Survivable Flight Control System (SFCS) lightning susceptibility	1976
19800078755	Ground support equipment, pressure heat pack, P/N K747-401-1	1976
19800078850	Reentry Vehicle Material Technology(REVMAT) program. Fabrication of 3-d carbon fiber preforms	1976
19800078862	Premium quality castings, titanium, 6-aluminum 4-vanadium alloys, annealed condition	1976
19800078869	Fabric, mesh, knitted, polyester	1976
19800078903	Fast brassboard seeker development program. Volume 2: Design, fabrication, and test, book 2 (U)	1976
19800078904	Fast brassboard seeker development program. Volume 3: Analysis and simulation (U)	1976
19800078905	Fast brassboard seeker development program. Volume 2: Design, fabrication, and test, book 1 (U)	1976
19800078906	Fast brassboard seeker development program. Volume 1: Summary (U)	1976
19800078982	Capacitor, fixed, electrolytic, tantalum foil, hermetically sealed rectangular metallic case, polarized, plain foil, -55 C to 125 C	1976
19800079061	Suspected carcinogens: A subfile of the registry of toxic effects of chemical substances, second edition	1976
19800079062	Occupational exposure to allyl chloride	1976
19800079063	Occupational exposure to methyl alcohol	1976
19800079064	Occupational exposure to parathion	1976
19800079251	Advanced composite engine static structures fabrication	1976
19800079324	Performance report on a high voltage, high current driver	1976
19800079325	Integrated circuit, TTL, low power, Schottky quad 2-input exclusive-or gate	1976
19800079448	Scientific and technical information output of the Langley Research Center for calendar year 1975	1976
19800079580	B-1 escape module aerodynamic data BD-IIA and BD-11B based on design validation wind tunnel test	1976
19800079613	Integrated circuit, CMOS, 8-channel analog, multiplexer	1976
19800079614	Integrated circuit, general purpose, operational amplifier	1976
19800079615	Integrated circuit, hybrid, converter, analog to digital	1976
19800079707	Precision night hover control system. Flight test report, optic 4	1976
19800079727	US Navy F-14A Aircraft Combat-Induced Failure Modes and Effects Analysis (CIFMEA), volume 4 (U)	1976
19800079728	US Navy F-14A Aircraft Combat-Induced Failure Modes and Effects Analysis (CIFMEA), volume 3 (U)	1976
19800079729	US Navy F-14A Aircraft Combat-Induced Failure Modes and Effect Analysis (CIFMEA), volume 2 (U)	1976
19800079730	US Navy F-14A Aircraft Combat-Induced Failure Modes and Effects Analysis (CIFMEA), volume 1 (U)	1976
19800079738	US Navy F-14 aircraft Combat-Induced Failure Modes and Effects Analysis (CIFMEA). volume 5. (U)	1976
19800079885	Integrated circuit, power, operational amplifier, hybrid	1976
19800079886	Integrated circuit, multiplier/divider	1976
19800079928	Technical proposal for advanced technology wing program	1976
19800079962	Evaluation of several aerosol lubricant/preservatives as corrosion control coatings	1976
19800080024	Conceptual feasibility of a laser beam rider air-to-air weapon. Volume 2: Appendices (U)	1976
19800080025	Conceptual feasibility of a laser beam rider air-to-air weapon. Volume 1: Technical discussion (U)	1976
19800080040	Evaluation of fasteners for the KSC environment	1976
19800080095	Tests of a 0.03-scale B-1 store separation model in the Rockwell trisonic wind tunnel to investigate the effects of weapon bay noise attenuating spoilers on aerodynamic characteristics test no. 4 (TWT-293), volume 1	1976
19800080096	Tests of a 0.03-scale B-1 store separation model in the Rockwell trisonic wind tunnel to investigate the effects of weapon bay noise attenuating spoilers on aerodynamic characteristics test number 4 (TWT-293), volume 2	1976
19800080127	Wing carry through static Design Verification Test program (DVT-1)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080294	Qualification test report 83421-202-76 on capacitive devices, capacitor, fixed, film, metallized, hermetically sealed, lead mount	1976
19800080301	Voltage reference, precision standard module	1976
19800080391	Static performance of a power augmented ram wing	1976
19800080513	High energy plasticizer and binder synthesis	1976
19800080537	Development of high power, short duty transformer/rectifier units. Volume 1, phases 1 and 2: Design optimization studies and detailed design	1976
19800080550	Integrated circuit, voltage comparator	1976
19800080633	Advanced Naval vehicles concepts evaluation air cushion vehicles technical assessment, part 1	1976
19800080653	Assessment of sea loiter aircraft technology	1976
19800080719	Presentation aids for the 1976 Structures Technology Conference. A presentation of research and development goals in structures technology, to support 1975-1980 military systems requirements	1976
19800080787	Product assurance briefs on microcircuits	1976
19800080790	Product assurance briefs	1976
19800080791	Product assurance briefs on printed circuit connector	1976
19800080792	Product assurance briefs	1976
19800080830	Structure Technology Conference. A presentation of research and development goals in structures technology to support 1975 - 1980 military systems requirements	1976
19800080831	Research	1976
19800080832	Aircraft and related equipment	1976
19800080833	Missiles and related equipment	1976
19800080834	Military astronautics and related equipment	1976
19800080850	B-1 wind tunnel test results of 0.06 scale nozzle/afterbody verification model June 1974 test, AEDC TF-336, volume 1	1976
19800080891	Documentation for B-1 nonnuclear fuel/system vulnerability analysis for the K, A, B, C, and E-kill category, volume 2	1976
19800080909	Aircraft - Sea Loiter large C/STOL	1976
19800080917	F-15A approach to stall/stall/post-stall evaluation	1976
19800080974	A computational system for the prediction of low altitude rocket plume flow fields. Volume 1: Integrated system	1976
19800080975	A computational system for the prediction of low altitude rocket plume flow fields. Volume 2: Inviscid plume model (Program MAXIPLUM)	1976
19800080976	A computational system for the prediction of low altitude rocket plume flow fields. Volume 3: Mixing/afterburning model (Program CHEMX)	1976
19800081045	Reliability engineering test report on microelectronic circuits hybrid, regulator, thick films, plug-in, metal - ceramic	1976
19800081054	Item specification - resistor, fixed, film, 1/8 watt at 125 C	1976
19800081057	Integrated circuit, quad, D-type flip-flop, lower power Schottky, TTL	1976
19800081071	Capacitor, fixed, electrolytic, tantalum foil, hermetically sealed rectangular metallic case, non-polarized, plain foil, -55 to 125 deg C	1976
19800081074	Cable assembly, special purpose, electrical	1976
19800081076	Filter, radio interference, multi-section, environmentally sealed	1976
19800081079	Electromagnetic emission and susceptibility testing of time delay relay	1976
19800081116	Quality assurance brief	1976
19800081156	Gas generation simulation model for a small NUSCAL Battery	1976
19800081161	Analysis of two heat exchangers for the NUSCAL battery	1976
19800081240	B-1 wind tunnel test results of 0.06 scale nozzle/afterbody verification model June 1974 test, AEDC TF-336, volume 2	1976
19800081241	B-1 wind tunnel test results of 0.06 scale nozzle/afterbody verification model June 1974test, AEDC TF-336, volume 3	1976
19800081270	Stability and control analysis of the AH-1Q/S helicopter with the K-747 improved main rotor blade	1976
19800081324	Advanced navy air cushion vehicle propulsion system study. Task 3	1976
19800081388	EMP analysis methodology for B-1 air vehicle electronics	1976
19800081403	Quality assurance brief, supplement	1976
19800081490	NUSCAL battery model	1976
19800081538	Fluidic sequencer development. Phase 2: Improved accuracy	1976
19800081630	Parametric study of advanced fully-buoyant Naval air vehicles. Revision A	1976
19800081669	Advanced Naval Vehicles Concepts Evaluation (ANVCE) study. Preliminary working paper, Remotely Piloted Vehicles (RPVs) for ANVCE air vehicles applications	1976
19800081671	Compilation from selected sources of Remotely Piloted Vehicle (RPV) conceptual designs, Addendum A	1976
19800081672	Air loiter vehicle technology assessment. Volume 2: Appendix A-L less B	1976
19800081673	Advanced Naval Vehicle Concepts Evaluation (ANVCE) WIG (OGE flight capable TO/L sheltered water large). Volume 2: Parametric analysis	1976
19800081675	Air loiter vehicle technology assessment, volume 1	1976
19800081677	Parametric study of small c/stol sea loiter aircraft, volume 1.	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081711	Advanced Naval Vehicle Concepts Evaluation (ANVCE) aircraft-air loiter (non-nuclear propulsion). Volume 2: Parametric analysis	1976
19800081746	LTA Lighter-Than-Air vehical technology assessment	1976
19800081859	Solutions to some problems in microstrip filter design	1976
19800082076	Radiation and smoke from gas turbine flames. Part 1: carbon particulate measurements within a model turbine combustor	1976
19800082239	Aeronautical analytical rework program. An acoustical holography system demonstration of acoustic image inspection on A-6 wing stiffeners, A P-3 wing plank electron beam weld samples	1976
19800082576	Convriance analysis of a Kalman filter for a conventional Gyro Strapdown INS/Radiometric area correlator guidance system (U)	1976
19800082601	B-1 avionics bay door survivability/vulnerability testing (U)	1976
19800082602	B-1 crew module sidewall survivability/vulnerability testing (U)	1976
19800082605	Documentation of the B1 nonnuclear fuel system vulnerability analysis for the K, A, B, C and E-kill category. Volume 1 (U)	1976
19800082610	B-1 mission system response analysis (Mission Completion) (U)	1976
19800082611	B-1 nonnuclear system response analysis (Mission Completion) (U)	1976
19800082619	Compilation from selected sources of remotely Piloted Vehicle RPY conceptual designs (U)	1976
19800082630	Vulnerability of the F-14A aircraft to selected non-explosive projectiles and fragments. Volume 3, appendix B (U)	1976
19800082631	Vulnerability of the F-14A aircraft to selected non-explosive projectiles and fragments, volume 1 (U)	1976
19800082632	Vulnerability of the F-14A aircraft to selected non-explosive projectiles and fragments. Volume 2, appendix A (U)	1976
19800083061	Focal plane array configuration study for an optimized IR ocean surveillance sensor (U)	1976
19800083133	Parametric and conceptual design study of fully-buoyant air vehicle. Appendix A: Derivation of equations for parametric analysis	1976
19810008891	Atmospheric lidar for amps	1976
19810022933	Infinite gamma device program	1976
19810065668	NASA teleconference pilot project. Evaluation for 1975	1976
19810065881	The propagation of planetary-scale waves into the upper atmosphere	1976
19810066006	Feed system design for the Urbana	1976
19810066219	Error analysis of radial wind velocity measurements the University of Illinois meteor radar	1976
19810066354	Entry data analysis for Viking landers 1 and 2	1976
19810066710	An evaluation of liquid and grease lubricants for spacecraft applications	1976
19810067703	Glassy carbon graphitization: Density change	1976
19810067772	Vibroacoustic test plan evaluation. Study review, volume 1	1976
19810067773	Vibroacoustic Test Plan Evaluation. Study on Development of Cost Effective Alternate Approaches to Creating Shuttle Spacelab Payload Environmental Test Requirments, Volume 3	1976
19810069894	Abstracts of papers submitted to the Seventh Lunar Science Conference, part 1	1976
19810069895	Abstracts of papers submitted to the Seventh Lunar Science Conference, part 2	1976
19810069911	The development of an experimental facility for the investigation of scaling effects in propulsive lift configurations	1976
19810069976	Shock processes in porous quartzite: Transmission electron microscope observations and theory	1976
19810070116	Development of experimental techniques for investigation of unsteady pressures behind a cold model jet	1976
19810070466	Design of a ride comfort system on a Cessna 172K aircraft, exhibit A, addendums 1 and 2	1976
19810070565	Design study for a column density monitor	1976
19810071344	Market study: Petit Mal Biofeedback device	1976
19810071442	Long-boom concepts	1976
19810071449	Study of thermal structural composites	1976
19810071687	Market study: Liquid cooled garment	1976
19810071688	Market study: Automated fire weather data system	1976
19810071702	Parametric study of interstellar search systems	1976
19810073995	Aircraft Survivability Equipment Requirements Analysis Assessment Report (U)	1976
19810075013	Development of product assurance requirements for the INTELSAT satellite series	1976
19810075014	A product assurance program for a national satellite	1976
19810075016	Systems application of millimeter wave contrast seekers (SAMICS). Volume 3: Appendices (U)	1976
19810075462	NATO phase 3 communications satellite systems effectiveness program	1976
19810075690	Helmet mounted display/visual target acquisition system study. Volume 1: Statistical analysis of results from display experiments	1976
19810075691	Helmet mounted display/visual target acquisition system study. Volume 2: A description of the helmet mounted display and load spectrum experiments performed on the NADC Air Combat Maneuvering Simulator	1976
19810075727	An analysis of alternative pricing policies for space launch support costs at the Air Force Eastern Test Range	1976
19810076922	III-V heterojunction structures for long wavelength injection laser	1976
19810077029	Preliminary fatigue life calculation of the AH-1Q, R, S Helicopters with the K747 improved main rotor blade	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077036	Parametric investigation of a power augmented RAM wing with load alleviation devices over water waves of various sea states	1976
19810077064	Inertial upper stage system safety program plan model IUS	1976
19810077066	The ESA Databank contribution to spacecraft reliability	1976
19810077134	A parametric study of air cushion vehicles prepared for the advanced naval vehicle concept evaluation study	1976
19810077340	ESA and parts procurement: Experience gained as a customer	1976
19810077341	Implementation of configuration management requirements for the OTS spacecraft by a co-contractor	1976
19810077342	The European Space Agency Components Coordination Group (ESA-SCCG) policy on component parts for space applications	1976
19810077369	Fixed and rotary wing airframe cost estimating relationships	1976
19810077370	Assessment of wing-in-ground effect vehicle technology, volume 1	1976
19810077719	Radar ornithology and bird/aircraft collisions	1976
19810077720	Bird impact forces in aircraft windshield design	1976
19810077754	At last, a meaningful windshield life test	1976
19810077769	C-XX design for task 5	1976
19810077881	The challenge of coating and assembling space shuttle windows	1976
19810077996	Thin film coatings on plastic substrates	1976
19810078251	Birdstrikes and the United States Air Force	1976
19810078300	Vulnerability assessment for horizontal situation indicator attitude director indicator radio/ins switch. Volume 2: System description	1976
19810078575	Vulnerability assessment for engine fuel feed system. Volume 2: System description	1976
19810078622	Symposium on chemical problems connected with the stability of explosives (4th),	1976
19810078691	Proceedings of Carrier Landing Performance Conference	1976
19810079843	Advanced RPV System Decision Coordinating paper (DCP) (U)	1976
19810080064	Research in aeronomy	1976
19810080065	Research in aeronomy	1976
19810080230	Field survey of bearing corrosion in aircraft gas turbine engines at Naval Air Rework Facility, Cherry Point, North Carolina	1976
19810080231	Field survey of bearing corrosion in aircraft gas turbine engines at Naval Air Rework Facility, North Island, San Diego, California	1976
19810080484	Low speed wind tunnel tests of a NACA 16-309 Airfoil with trailing-edge flap	1976
19810080495	Radio engineering operators of air traffic, part 3	1976
19810080653	Radio engineering operators of air traffic, part 1	1976
19810080654	Radio engineering operators air traffic, part 2	1976
19810081398	Radio engineering operators of air traffic, part 2	1976
19810081399	Radio engineering operators of air traffic, part 3	1976
19810081850	A static model for FLIR system performance prediction	1976
19810082182	Adverse health effects of selected explosives (TNT, RDX)	1976
19820065772	Biomedical Experiments Scientific Satellite (BESS): Preliminary design study. Volume 1: Cost trade-off studies	1976
19820065773	Biomedical Experiments Scientific Satellite (BESS): Preliminary design study. Volume 2: System design study	1976
19820065774	Biomedical Experiments Scientific Satellite (BESS): Preliminary design study. Volume 3: Program plan	1976
19820065819	Low cost ERTS DCP	1976
19820067236	Advanced refrigeration system study	1976
19820067399	FTIO: FORTRAN I/O package	1976
19820067618	Design assurance report 30-foot S/N 0001	1976
19820068421	Photosynthesis, dark respiration, and growth of Rumex patientia L. exposed to ultraviolet irradiance (288 to 315 nanometers) simulating a reduced atmospheric ozone column	1976
19820068689	Thermal analysis and mathematical modeling of long duration exposure facility experiment tray thermal model descriptions	1976
19820068852	The first Summer Software Engineering Workshop	1976
19820069341	Investigation of the synthesis of optically active polymers for the resolution of biologically active stereoisomers using gas chromatography	1976
19820069389	ACPL wall temperature and pressure control for the expansion chamber	1976
19820069475	Reevaluation of ice and condensation nuclei memory experiments	1976
19820069796	H2SO4 aerosol generation by photolysis	1976
19820070040	Automated Longwall Shearer	1976
19820070264	Safety policy and requirements for payloads using the Space Transportation System	1976
19820073475	Government competitive test Utility Tactical Transport Aircraft System (UTTAS). Sikorsky UYH-60A helicopter	1976
19820073543	Metal/fluorocarbon feasibility study	1976
19820073568	Radiation effects on BCC metals and alloys	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820073815	High power, closed loop, adaptive system (HICLAS) study. Volume 3: Appendix E: Detailed design drawings	1976
19820073827	CCD2 program, volume 2, proprietary volume	1976
19820074341	Synthesis of metal tetraphenylborates by the double-decomposition extraction method	1976
19820074692	Evaluation of a tactual display device with adaptive primary and secondary task performance methods	1976
19820074725	Biomedical Experiments Scientific Satellite (BESS) Preliminary design study	1976
19820075416	Alternative fin design	1976
19820075543	Proceedings of the infrared laser window materials meeting	1976
19820075812	Machine casting of ferrous alloys	1976
19820075868	Continued modeling of transionospheric radio propagation	1976
19820075915	Sampling and quantization effects on the performance of a digital matched filter	1976
19820075929	Engineering design study of prestressed membrane mirror for HEL applications	1976
19820075981	Critical device design for adaptive programmable signal processor, volume 1	1976
19820076335	A reactive learning environment for electronics	1976
19820076451	Initial design studies for a cooled long-path absorption cell	1976
19820076724	Low cost propulsion integration study. Volume 5: Solid rocket missile designs (U)	1976
19820076807	Teal wing antenna design	1976
19820076879	Repetitively pulsed chemical laser program	1976
19820076881	Predetection compensated imaging theory. Volume 1: Turbulence effects related matters	1976
19820076882	Predetection compensated imaging theory. Volume 2: HEL pointing and tracking	1976
19820077069	Spectral measurements of selected infrared emitters	1976
19820077084	Chemically vapor deposited semiconductors for laser and infrared window applications	1976
19820077662	Terminally Guided Indirect Fire (TGIF) systems (U)	1976
19820078487	X-band radar for mini-RPV (U)	1976
19820078488	Digital coded radar (U)	1976
19820078631	HALO Focal plane technology program, volume 1 (U)	1976
19820078782	Materials research in support of superconducting machinery	1976
19820078838	Tactical Packet Radio system	1976
19820078839	Tactical packet radio system	1976
19820078842	Teal wing antenna design	1976
19820078847	Computer program operational manual for airborne antenna pattern prediction	1976
19820078848	Adaptive modeling and inverse modeling of communication channels	1976
19820078901	Investigation of technological problems in GaAs	1976
19820078938	The development of flame pumped chemical lasers	1976
19820079016	A review of the variables which influence the software development process	1976
19820079017	Delay of informative feedback and computer-managed instruction	1976
19820079095	Advanced Optics Technology (ADOPT) study. Task a briefing concept definition of candidate concepts	1976
19820079381	Remote sensing of gases and aerosols	1976
19820079395	ENSCO FME control program acceptance test report, DID 542	1976
19820079610	Operating current of a superconducting conductor	1976
19820080152	Acoustic and vibration survey of the F-100(3) engine operating in test cell 58, Kelly AFB	1976
19820080182	Advanced beamrider guidance unit demonstration program (U)	1976
19820080280	Tactical packet radio system (U)	1976
19820080454	Abbreviated independent evaluation of the Dragon night sight, AN/TAS-5 (U)	1976
19820081462	Extruded-dielectric DC cable development	1976
19820081463	Extruded-dielectric DC cable development	1976
19820081464	Extruded-dielectric DC cable development	1976
19830006974	The lunar features of Mercury	1976
19830069426	An opportunity for satellite communication Using the Communications Technology Satellite	1976
19830070262	Report of the NASA Helicopter Management Advisory Board	1976
19830070296	Putting space to work. Report of the NASA Office of Applications	1976
19830070498	Unmanned Dee--Ocean Survey System (UDOSS). Volume 1: Preliminary design study report	1976
19830071391	Shuttle bay environment measurements panel report. Recommended Shuttle bay environment measurements for Long Duration Exposure (LDEF) facility missions	1976
19830072347	Study of NASA industrial applications centers	1976
19830072381	External operations, maintenance and repair (OMR) mode selection criteria	1976
19830072459	A study of Gaussian two-user channels	1976
19830072553	Ammonia boiler subsystem automatic temperature controller thermal network model	1976
19830072555	Ammonia boiler subsystem temperature controller math model	1976
19830072698	Reliability analysis of on-line computer systems using compter-algebraic manipulations	1976
19830072699	Reliability analysis of on-line computer systems with a spare processor using computer-aided algebraic manipulation	1976
19830073728	Research in space-related areas in engineering and applied science	1976
19830073730	Fracture of composite orthotropic plates containing periodic buffer strips	1976
19830075159	Theory and measurement of partial discharges in solid electrical insulation systems	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830076068	Technology support for health resources planning. Volume 2: Programmer's guide for JPL physician-services and hospital-bed-demand model	1976
19830077168	Orbital service manipulators	1976
19830077169	Earth orbital teleoperator manipulator system evaluation program	1976
19830077880	Investigation and evaluation of fracture properties of thin gauge tankage alloys for Tug, volume 1	1976
19830079157	Evaluation of a sampling train procedure for measuring gas turbine engine particulates	1976
19830079936	Digital simulation support for EW/CAS JT TD 032	1976
19830080783	TOW system evaluation	1976
19830081146	Proceedings of the Semi-Annual Workshop on Image Understanding	1976
19830081550	Plume interference (U)	1976
19830081614	Analysis of Calspan high energy propellant data (U)	1976
19830082124	A study of a liquid metal thermal energy source	1976
19830082558	Pilot factor accidents versus UPT class standings	1976
19830082573	Qualification and service suitability tests of the F-4 main landing gear rebuilt tires manufactured by Air Treads, Incorporated	1976
19830082574	Separation and jettison characteristics of the F-15 fuel tank from the inboard station at Mach numbers from 1.1 to 1.6	1976
19830082581	Engine compatibility evaluation of the leading edge slat F-4J airplane and the J79-GE-10B low-smoke engines (PPC 162 configuration)	1976
19830082582	Test and evaluation of TF30-P-408 engine component improvements and fuel controls	1976
19830082621	Mode of failure of bonded aluminum panels under complex stressing	1976
19830082634	New bonding systems for depot maintenance of aircraft honeycomb structures. Part 2: Evaluation of fatigue properties of four structural adhesives	1976
19830082637	Effect of prestress on low-cycle fatigue of high-strength steels	1976
19830082645	High energy flexible explosive. 2: The dynamite grade nitrocellulose/triethyleneglycol dinitrate binder system	1976
19830082646	Pyrotechnic smoke compositions: Cinnamic acid as smoke agent	1976
19830082718	Advanced electron device technology	1976
19830082719	SEGMAG and superconducting homopolar electrical power transmission concepts	1976
19830082727	Laser development for a chemical pump	1976
19830082728	Design of a laser radar target mount	1976
19830082736	Airblast and structural response testing of a 1/4 scale category 1 suppressive shield	1976
19830082748	Deep submergence aspects of lithium-seawater power cell	1976
19830082771	Management by objectives, a practical approach	1976
19830082783	Separation trajectories and aerodynamic loads for a flight demonstration configuration of the Airclew Missile with the F-4C aircraft at Mach Numbers from 0.8 through 1.3	1976
19830082784	AN/ARN-118(V) airborne Tacan F-111E initial operational test and evaluation, phase 2, part 1	1976
19830082785	Inertial guidance law study for the Simplified Inertial Guidance Demonstration (SIG-D) missile, volume 2	1976
19830082793	COMOPTEVFOR report on project 174-OT-IIA, initial operational test and evaluation of the CH-53E (OPNAV report symbol 3960-12)	1976
19830082794	Evaluation of the P-3 air-conditioning system manual mode modification	1976
19830082795	Verification of S-3A lateral-directional power approach characteristics using a maximum likelihood parameter identification technique	1976
19830082796	Navy technical evaluation of A-4M-ECP-1120 airplane (weapons release system evaluation)	1976
19830082799	Backup flight control design considerations to increase aircraft survivability	1976
19830082802	Evaluation of the Simulator for Air-to-Air Combat, phase 1	1976
19830082803	Reentry nosetip test facility and calibration report	1976
19830082804	Investigation of aircraft launch systems for high speed carrier applications	1976
19830082805	Space programs	1976
19830082812	Digital subroutines for the determination of missile airframe aerodynamic transfer function parameters and maneuverability ratios	1976
19830082813	PATRIOT Volume 1: Engineering development summary report	1976
19830082814	Survey of structural and sensor window materials technology for tactical missiles	1976
19830082815	Results from static stability and control tests of several Canard-controlled missile configurations at supersonic Mach Numbers	1976
19830082849	Thermal degradation of high temperature fibers	1976
19830082850	Manufacturing methods for low cost metal matrix composite material (continuous green tape)	1976
19830082873	High energy flexible explosive. 1: The dynamite grade nitrocellulose/trimethylolethane trinitrate binder system	1976
19830082875	Propellant degradation and unbonding effects for Sparrow/Shrike rocket motors under pressure and thermal loads	1976
19830082926	Air Weather Service (AWS) and the metric system	1976
19830082939	Microfilm, a system to provide information at a lower cost	1976
19830082940	Tri-service Operational Test and Evaluation (OTE) of satellite terminal AN/TSC-86	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830082958	COMOPTEVFOR report on project O/S 2.9. Evaluation of the frequency time standard system, AN/UPQ-24(V) (Report symbol OPNAV 3960-12)	1976
19830082960	Qualification verification test of the A-6 emergency electrical voltage regulators	1976
19830082963	Special testing of general purpose electronic test equipment, spectral dynamics real time analyzer model SD330A	1976
19830082967	Investigation of crystal orientation influence on thin film coatings for CaF-2 laser windows	1976
19830082968	Supersonic carbon monoxide electric laser technology	1976
19830082969	Considerations of an ion-beam pumped X-ray laser	1976
19830082970	Evaluation of advanced reactants for HF/DF chemical laser	1976
19830082978	Comparison of various methods for determining elasticity of tensile test machines with mechanical drives	1976
19830083005	H-46 battery systems investigation	1976
19830083006	Can wind electric generators produce economical electricity for individual homes maintained by the Air Force	1976
19830083007	NTSL deformable mirror characterization	1976
19830083015	Modeling geologic noise for M.A.D. applications	1976
19830083029	Effects of vibration and G loading on airborne E-0 sensor augmented observers	1976
19830083049	Background measurements program	1976
19830083072	Inertial guidance law study for the Simplified Inertial Guidance Demonstration (SIG-D) missile, volume 1	1976
19830083080	Air Force development test and evaluation of the F-5F aircraft, systems phase	1976
19830083172	A study on the establishment of a pyrotechnic ignition criteria for liquid propellant guns	1976
19830083204	Electromagnetic Compatibility (EMC) design considerations for AAF/AHP upgrade program	1976
19830083220	Beginning of the Soviet radar, part 1	1976
19830083788	Investigation of an electrostatic air cleaner for gas turbine	1976
19830084223	Electronic warfare systems/equipment development test and evaluation concept	1976
19830084448	Project SAMS: Special Analysis of Maneuverable Satellites. Volume 2B: Homing simulation user's manual, appendices B and C	1976
19830084570	Definition of IFFN test and evaluation program	1976
19830084838	F-4E austere HUD/Gunsight evaluation. Volume 1: Phase-D avionics update	1976
19830084882	Project SAMS: Special Analysis of Maneuverable Satellites. Volume 2A. Homing simulation users manual	1976
19830085570	Structural criteria for advanced composites	1976
19840066906	Communications Technology Satellite (CTS) attitude analysis and support plan	1976
19840068009	Brayton Isotope Power System (BIPS), phase 1 (Ground Demonstration System) Configuration Control Document (CCD)	1976
19840069277	Thermochemistry of polybenzimidazole foams	1976
19840069952	Definition of a shuttle thermal canister experiment	1976
19840070337	Interim computer program for estimating aircraft engine weight and dimensions on a component basis	1976
19840070906	Development of thermal control methods for specialized components and scientific instruments at very low temperatures	1976
19840071829	CENTO Workshop on Applications of Remote Sensing Data and Methods	1976
19840071830	Use of LANDSAT imagery in the study of ophiolites of Lasbela and Khuzdar districts of Baluchistan, Pakistan	1976
19840071831	Application of LANDSAT imagery to petroleum prospecting of a part of Iran	1976
19840071832	Applicability of aerial multispectral photographic techniques to study of the hydrogeology of the Dalaman Streamlet and its environs	1976
19840071833	Remote sensing technique for the solution of flood problems in Punjab, Pakistan	1976
19840071834	Measuring ground electrical properties by remote sensing, a literature survey	1976
19840071835	Application of remote sensing data to forest and rangeland inventory	1976
19840071836	Aerial photography and satellite data in land use studies	1976
19840071837	The mapping of soil associations by remote sensing techniques	1976
19840071838	Ground monitoring for airborne and space studies of land use and soil conditions	1976
19840071839	Earthquake hazard zones in part of Baluchistan, Pakistan	1976
19840071840	Application of remote sensing in Ministry of Agriculture and Natural Resources of the Imperial Government of Iran	1976
19840071841	Status report on the activities of the Satellite Applications Project of the Plan and Budget Organization	1976
19840071842	Pre-investment survey for natural resources development in northern Pakistan	1976
19840071843	An evaluation of the utility of LANDSAT multispectral data for soil surveys and mapping	1976
19840071844	A survey of agriculture, ground and groundwater relations of southeast Anatolia, Turkey through LANDSAT images	1976
19840071845	Activities of the Geological Survey of Iran in remote sensing	1976
19840071846	Remote sensing study in Sar Cheshmeh copper mine area	1976
19840071847	Movement of coastal wates along the Black Sea cost of northwest Turkey: Data from LANDSAT images	1976
19840071848	Copper exploration research in Iran using LANDSAT data	1976
19840071849	Image modification for aiding interpretation and additive color display	1976
19840071850	An investigation into the rectification of multispectral scanner images	1976
19840071851	Mapping of forest areas by use of LANDSAT images	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840071852	Correlation of LANDSAT-derived structural data and geological and geophysical data with the distribution of known mineral deposite for mineral exploration	1976
19840071853	Application of remote sensing in mapping	1976
19840072443	Man-Machine Engineering Data Applications of Skylab Experiments M487 and M516. Bulletin 19: Food System	1976
19840072549	Man-machine engineering data applications of Skylab experiments M487 and M516. Bulletin no. 18: Evaluation of Skylab IVA architecture	1976
19840072992	The physiological and toxicological evaluation of proposed aircraft interior materials	1976
19840074441	The 1.4-micron photocathode	1976
19840075262	F-5E stall/post-stall/spin susceptibility test	1976
19840075924	Effects exerted by phosphorus content in a nickel film on the fatigue strength of electroless nickel-plated steel	1976
19840077034	Missile guidance and costing analysis (application of GPS to tactical weapon guidance). Volume 4. Cost	1976
19840079127	F-15 ECM/ECCM and E-3A interface Follow-on Operational Test and Evaluation (FOT/E), phase 1	1976
19840080226	Structure and properties of superconducting alloys	1976
19840081670	Vulnerability assessment for AN/ASQ-121 evaluation analysis and recording set. Volume 2: System description	1976
19840081826	Improved direction-finding ECM system	1976
19850070137	Pioneers of Rocket Technology: Vetchinkin, Glushko, Korolev and Tikhonravov	1976
19850070452	Proceedings of the International Symposium on Physics of the Moon and Planets	1976
19850071643	Program on Earth Observation Data Management Systems, preliminary needs analysis report	1976
19850073391	Joint test project report of combat air support target acquisition program. SEEKVAL. Direct and aided visual target acquisition experiments	1976
19850073395	Joint test project report of combat air support target acquisition program. SEEKVAL. Direct and aided visual target acquisition experiments	1976
19850074297	Preliminary projections for centralized usage of solar energy systems in 1980, 1985 and 1990	1976
19850076502	Nuclear pumped laser: Report of Workshop on Direct Nuclear Pumping of Lasers	1976
19850078973	Laser Applications Code Software Verification	1976
19850080614	Review and analysis of reduced blooming silicon target vidicons	1976
19860066283	Dornier system handbook of grooved heat pipes for Society of Space Research, Inc.	1976
19860066296	Study of Ni-Cd batteries for use in applications satellites	1976
19860066297	Evaluation of the charge conservation in the Ni-Cd VO 23S charged batteries, phase 2	1976
19860066368	Public Technology, Incorporated/National Aeronautics and Space Administration Technology Application Program	1976
19860066580	Literature on the history of rocketry and astronautics published in the USSR during 1975	1976
19860066589	Storage systems for astronautics applications	1976
19860066621	Current state of development of the EGRET measurement table	1976
19860066644	Study of Ni-Cd batteries for use in application satellites, phase 2	1976
19860066645	Study of Ni-Cd batteries for use in application satellites, phase 2	1976
19860066661	First Task Integration Meeting: Proceedings	1976
19860066666	Low-Cost Silicon Solar Array Project. Proceedings of the Second Project Integration Meeting. Summary	1976
19860066871	Evaluation of the charge efficiency in batteries with Ni-CdS, phase 2	1976
19860066872	Study of Ni-Cd batteries for use in satellites designed for space applications	1976
19860066901	NIMBUS G data processing system (DAPS), volume 1	1976
19860067386	Water hyacinths (Eichhornia crassipes) for removing chemical and photographic pollutants from laboratory wastewaters	1976
19860067495	The use of LANDSAT digital data and computer implemented techniques for an agricultural application	1976
19860067950	Definition of low-G experiments in two-phase fluids behavior	1976
19860068040	NASA medium weight pressure vessel safety standard	1976
19860070463	Modular life cycle cost model for advanced aircraft systems	1976
19860072403	Manufacturing methods for low cost metal matrix composite material	1976
19860073991	Advanced technology wing configuration design and analysis	1976
19870067460	NASA Outlook for Aeronautics	1976
19880069263	Technical library guide	1976
19880070378	An investigation of head aiming under simulated aircraft vibration conditions	1976
19880073079	Structural design loads data book. Volume 8: MPTA internal loads	1976
19880074136	Advanced technology wing configuration design and analysis	1976
19890068498	Several observations on the use of conjugate gradient methods	1976
19890068943	A note on wave propagation over an impedance boundary	1976
19890068947	Downstream boundary conditions for viscous flow problems	1976
19890068960	Prepaging and applicatons to the Star-100 computer	1976
19890068961	A microprocessor architecture for digital device implementation	1976
19890068962	I/O buffer performance in a virtual memory system	1976
19890068963	Performance of a data base management system with partially locked virtual buffers	1976
19890068964	Empirical comparison of partitioned and non-partitioned buffer management in virtual memory systems	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19890068983	Theory of spectral methods for mixed initial-boundary value problems, part 1	1976
19890068984	Mixed finite element methods for elliptic equations	1976
19890068985	On the matrix equations $AH + HA^* = A^*H + HA = I$	1976
19890069009	Selection of terms for a CI wavefunction to preserve potential surface features	1976
19890069060	On the mathematical conditions for the existence of periodic fluctuations in nonuniform media	1976
19900066318	Evaluation of ephemeris representations for the Multimission Modular Spacecraft (MMS)	1976
19900066437	A note on the application of the finite-difference boundary value method to the calculation of born-Oppenheim vibrational Eigenenergies for the double minimum E, F (supl) sigma (subg(+))	1976
19900066789	Seasonal sea-surface temperature predictions for the Northern Hemisphere with an advective mixed-layer ocean model. Part 1: The model and its initialization	1976
19900066813	Observational tests of Dirac's cosmology	1976
19900066905	Gauge covariant theory of gravitation	1976
19900066915	Stability, control and flying qualities demonstration to pilots of NASA Langley Research Center. Flight 1 syllabus	1976
19900066953	Project management: A short course for professionals	1976
19900067307	The July climatology and seasonal changes simulated by the GISS general circulation model	1976
19900067391	A proposed x ray interferometer for measurement of phases of diffracted x rays	1976
19900067405	The NASA program on upper atmospheric research	1976
19900068697	Flight loads on Douglas DC-6B firebombing aircraft	1976
19900068825	Evaluation of the noise environment for the X-24C research vehicle	1976
19900071164	Penetrability test results, 3	1976
19910072595	Identification of crop type and maturity using high resolution spectral features in the near infrared	1976
19910072614	Index to NASA news releases and speeches: 1975 supplement	1976
19910072845	Neutron stars: General review	1976
19910073335	Interference in mosaic crystals and the empirical determination of phases of diffracted x rays	1976
19910073595	Long Duration Exposure Facility (LDEF): Guide for experiment accommodations. Revision A	1976
19910073596	The GOES/SMS user's guide	1976
19910073727	Supersonic cruise aircraft research structural panel program	1976
19910074010	Fact book: Space Shuttle solid rocket booster	1976
19910077617	Programmer's manual for APAS 3. Volume 2: A multi-station structural synthesis computer program, version 3.0	1976
19920075224	An evaluation of the high angle of attack conceptual design modification for the National Transonic Facility	1976
19920075237	Infrared (IR) Attitude Determination System Communications Technology Satellite Version (CTSADS) analytical techniques	1976
19920075238	Communications Technology Satellite (CTS) postlaunch report	1976
19920078279	Advanced composite engine static structures fabrication	1976
19930072947	Evaluation of solar dryer for drying water hyacinths	1976
19930072968	Don't waste waterweeds	1976
19930074080	Technology assessment of future intercity passenger transportation systems. Volume 2: Identification of issues affecting intercity transportation	1976
19930074209	Research of interest to the NASA Research and Technology Advisory Committee on Materials and Structures	1976
19930074210	Research of interest to the NASA Research and Technology Advisory Committee on Materials and Structures	1976
19930074306	The conceptual design of a safety margin system for the augmentor wing	1976
19930074324	NASA Research and Technology Advisory Council Committee on Materials and Structures meeting	1976
19930074520	Research and Technology Advisory Council, Ad Hoc Panel on Terminal Configured Vehicles: Report of meeting	1976
19930074617	Research and Technology Advisory Council, Panel on Aviation Safety and Operating Systems: Report of meeting	1976
19940005177	An Experimental and Computational Study of the Flow in a Transonic Compressor Rotor	1976
19960025674	Thermal Properties of Thin Laminated Composite Plates	1976
19960025675	Proceedings of the 26th Electronic Components Conference	1976
19960025681	IEEE International Symposium on Electromagnetic Compatibility Symposium Record	1976
19960025690	Proceedings of the 2nd Annual Composite Material Repair Meeting	1976
19960026330	Studies on the Orientation and Deformation Properties of Low and High Density Polyethylenes	1976
19960026895	Fracture of Composite Orthotropic Plates Containing Periodic Buffer Strips	1976
19990019733	Realtime Decimation and Management of Wideband Data for the 11 Ft. Transonic Wind Tunnel Data Acquisition System	1976
19990042285	In Vivo Determination of Mechanical Properties of the Human Ulna by Means of Mechanical Impedance Tests: Experimental Results and Improved Mathematical Model	1976
19990053564	Inlet Distortion Scaling of Wind Tunnel Model Results	1976
20000031577	Terminal Area Energy Management Regime Investigations Utilizing an 0.030-Scale Model (47-0) of the Space Shuttle Vehicle Orbiter Configuration 140A/B/C/R in the Ames Research Center 11x11 Foot Transonic Wind Tunnel (0A148)	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20010000144	Data Base for The Prediction of Airframe/Propulsion System Interference Effects	1976
20010055961	Physical Sciences Committee Report on NASA's Office of Space Science Supporting Research and Technology and Data Analysis Programs	1976
20010070266	Evaluation of TF41 Inlet Guide Vane (GV) Synchro Bracket Assembly P/N 6SE00662-1	1976
20010075284	Airborne Instrumentation Research Project. Summary Catalog #10: Flights 76-098 through 76-201	1976
20010075961	Airborne Instrumentation Research Project. Summary Catalog #9: Flights 76-004 Through 76-097	1976
20010124957	Progress Report Abstracts, Physiology Program, Office of Naval Research	1976
20040008704	Investigation of the Influence of Stagnation Zones on Multiple Pulse Laser Beams	1976
20040008758	High-Power Deformable Corrector Mirror Development. Critical Design Review	1976
20040059431	Standardized Stability Prediction Method for Solid Rocket Motors. Volume 3: Axial Mode Computer Program User's Manual	1976
20040074135	Technical Reports Published in FY-76 and FY-77	1976
20050163438	Defense Mapping Agency Product Specifications for Joint Operations Graphics Series 1501 and Series 1501 Air Scale 1:250,000	1976
20050216614	AH-1 Priority Aircraft Subsystem Suitability Intensive Review (PASS in Review) Final Study Report. Volume 1 - Summary Main Report App. A Thru S	1976
20050228947	Comestar-I A/Atlas-Centaur Launch	1976
20050228966	Comstar B/Atlas-Centaur Launch	1976
20050229340	Scout/Air Force P76-5 Launch	1976
20050229822	Scout/Air Force P76-5 Launch Post Launch Report 1	1976
20050229873	Comstar-B Post Launch Report	1976
20050229874	Prelaunch Summary: Comstar-C	1976
20050229885	Comstar-1 A Post Launch Report	1976
20050229898	NOAA-4 (ITOS-G) Post Launch Report No. 2, Mission Assessment	1976
20050229911	Improved TIROS Operational Satellite (ITOS-H) Mission Operation Report	1976
20050229956	Communications Technology Satellite	1976
20050229958	CTS Post Launch Report 2	1976
20050229966	ITOS-H/NOAA-5 Post Launch Report No. 1	1976
20050230141	Viking '75 Project Mission Operations Report	1976
20050230162	Intelsat IVA F-2 Launch	1976
20050230168	Scout/Navy Transit Improvement Program (TIP-III) Post Launch Report #1	1976
20050230172	COMSAT Maritime Satellite (MARISAT-A)	1976
20050230719	Intelsat IVA F-1 Post Launch Report No. 1	1976
20050230720	Intelsat IVA F-2 Post Launch Report No. 1	1976
20050230725	Laser Geodynamic Satellite (LAGEOS) Mission Operation Report	1976
20050230740	Scout/Navy Transit Improvement Program (TIP-III) Launch	1976
20050231549	Remotely Piloted Vehicle Investigation	1976
20050232757	COMSAT Maritime Satellite (MARISAT-C)	1976
20050232758	RCA-Globcom Satcom (RCA-B)	1976
20050232759	COMSAT Maritime Satellite (MARISAT-B)	1976
20050232775	NATO-III A Communications Satellite	1976
20050232865	Indonesian Communication Satellite/Delta Launch (Palapa-A)	1976
20050234502	Helios B Post Launch Report No. I	1976
20050234600	Helios B Mission Operation Report	1976
20050236475	Gravitational Probe-A (GP-A)	1976
20050236477	Viking Status Report	1976
20050236498	Laser Geodynamic Satellite-I (LAGEOS-I) Post Launch Report I	1976
20060018983	Pulsating Seat Cushion, IOT&E	1976
20060023020	Aerial Stores Lift Truck, A/S 32K-7, Initial Operational Test and Evaluation (IOT&E)	1976
20060047706	NASA's Dissemination of Technology	1976
20070025007	Application of Interactive Scene Analysis Techniques to Cartography	1976
20080001359	CCTC Technical Test Plan for MEECN Air-To-Ground VLF/LF Coverage at Northern Area Sites, Phase I	1976
20080001554	Survivability Analysis Group (SAG)	1976
20080002069	Maintenance Aspects of the Air-to-Air Specialization Program. Volume 3	1976
20080005312	Simple Telemetry System for AIM-4F/G Missiles (SEEK TELL)	1976
20080005785	ADCOM/ADWC/ADTC Project 75-11, Test and Evaluation, Simple Telemetry System for AIM-4F/G Missiles (SEEK/TELL)	1976
20080010015	Simple Telemetry Unit for AIM-7/AIM-9 Missile (SEEK TELL)	1976
20080014772	AH-1 Priority Aircraft Subsystem Suitability Intensive Review (Pass in Review). Volume 2: Appendices S through Z	1976
20080018416	Technical Report of the MEECN UHF/FDM Ground Entry Point Coverage Envelope Tests for the CINCPAC Facilities	1976
20080018417	Technical Report of the MEECN UHF/FDM Ground Entry Point Coverage Envelope Tests for the SAC PACCS Facilities	1976
20080019907	Airborne Command and Control Communication (C3) Test Data Results	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20080021971	Indirect Hemagglutination through the Use of Glutaric Aldehyde-Treated Erythrocytes for Determination of Anti-Anthrax Antibodies	1976
20080034431	The Design, Development and Implementation of a NASA Project Management Shared Experience Program	1976
20080043602	Deleted record	1976
20090004990	Utilization of Space Shuttle and Spacelab	1976
20090023151	Executive Program Summary	1976
20090023983	Melioidosis at the Paris Zoo	1976
20100006942	Conceptual Design of Multimission Aircraft Armed with Advanced Weapon Systems	1976
20100042169	Space Shuttle Support Equipment/Facility (SE/FAC) Plan. Volume 16: Approach and Landing Test (ALT)	1976
20100042175	Lunar Orbiter Spacecraft Countdown	1976
20100042555	Shuttle Provisioning Procedure General Standard For (NASA)	1976
20100042626	Lunar Orbiter Project	1976
20110000501	Small, High Speed Seal Technology. Rotating Machinery and Hydrodynamics	1976
20110000865	Climate Research Survey Final Report and Recommendations	1976
20110020515	Viking Status Reports	1976
20110023104	[Development of an Expanded Core Structural Panel for Spacecraft Interior Applications]	1976
20110024224	Research on Experimental Tests of Gravitation Theory	1976
20110024227	Evaluation of Flawed Composite Structural Components Under Static and Cyclic Loading	1976
20110024228	Definition of Mutually Optimum NDI and Proof Test Criteria for 2219 Aluminum Pressure Vessels	1976
20110024229	High Efficiency Solar Cell Development Thin Violet Cells	1976
20110024230	Cryogenic Thin-Metal Lined Filament Wound Graphite Composite Vessels	1976
20110024242	Pilot User Development Program	1976
20110024249	Operation of Computer Software Management and Information Center (COSMIC)	1976
20110024272	Preburner of Stages Combustion Rocket Engine	1976
20110024273	Technology Transfer - Transportation	1976
20110024279	Computer Software Management and Information Center (COSMIC)	1976
20110024280	Evacuated Load-Bearing High Performance Insulation Study	1976
20110024287	Computer Software Management and Information Center (COSMIC). Activity Report, March 1976	1976
20110024290	Theoretical Studies and Whistler Wave Experiments	1976
20110024291	Instability of Oblique Whistler Waves in an Unbounded Beam Plasma System	1976
20130010106	Development Support of a Full Scale Saturn/Uranus Engineering Model	1976
20130014176	Lunar Orbiter Spacecraft Fifth Flight Spacecraft Launch Countdown	1976
20130014208	Kennedy Space Center Provisioning Plan	1976
20130014214	Specification for Standard Nickel-Cadmium Spacecraft Battery	1976
20130014375	Station Set Requirements Document Volume 33: ET Processing and Storage	1976
20130014377	Station Set Requirements Document Volume 20: Shuttle Vehicle Assembly and Checkout (SVA&C)	1976
20130014404	Lunar Orbiter Spacecraft Countdown, Volume 3	1976
20130014405	Lunar Orbiter Spacecraft Countdown, Volume 5	1976
20130014406	Lunar Orbiter Spacecraft Countdown, Volume 5	1976
20130014430	Lunar Orbiter Spacecraft Countdown, Volume 4	1976
20130014475	Improved Silica Fibers	1976
20130014535	Evaluation of Flawed Composite Structural Components under Static and Cyclic Loading	1976
20130014555	Calculation of Solar Wind Flows about Terrestrial Planets	1976
20130014556	Research on Experimental Tests of Gravitation Theory	1976
20130014558	Definition of Mutually Optimum NDI and Proof Test Criteria for 2219 Aluminum Pressure Vessels	1976
20130014564	Reduction and Analysis of ATS- 6 Data	1976
20130014565	Development of New Capabilities for NASA Interactive Planning System (NIPS)	1976
20130014595	Small, High Speed Seal Technology: Rotating Machinery and Hydrodynamics	1976
20130014596	Evaluation of Flawed Composite Structural Components under Static and Cyclic Loading	1976
20130014597	Crop Status Evaluation and Yield Prediction	1976
20130014631	The Design Construction of the Transportable Lunar Laser Station	1976
20130014678	Development of New Capabilities for NASA Interactive Planning System (NIPS)	1976
20140000015	The Continued Operation of the Technology Use Studies Center	1976
20140000016	Technology Transfer - Transportation	1976
20140000017	Technology Transfer - Transportation	1976
20140000018	Technology Transfer - Transportation	1976
20140000294	Analysis of Overland Routes for the Space Shuttle Orbiter Between Plant 42 at Palmdale and Flight Research Center	1976
20150009553	Viking: Intellect and Ingenuity Triumphant	1976
20150009581	Antarctic Microbiology - Preparation for Mars Life Detection, Quarantine, and Back Contamination	1976
20150009732	Simplified Quarantine Criteria for Certain Outbound Planetary Missions	1976
20150009991	Motions in Jupiter's Atmosphere on Scales from 10 km to 10(exp 4) km	1976
20150010013	Survival of Microorganisms on Deep Space Environments	1976

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150011244	Final Report and Recommendations of the NSCL Task Force on Uses of Satellite Remote Sensing for State Policy Formulation	1976
20150011247	Study of Effects of Injector Geometry on Fuel-Air Mixing and Combustion	1976
20150012920	Glassy Carbon Graphitization: Density Changes	1976
20150013842	The Lunar Features of Mercury	1976
20150014008	The Impact Properties of Cermets	1976
20160012578	Level I Constraints for Second Spacelab Flight	1976
20160012634	Cost Addendum to Applications Study of Aeromaneuvering Orbit-to-Orbit Shuttle (AMOOS)	1976
20160013505	HPFTP "WHIRL" Presentation to J. Yardley	1976
20160013508	OFT - Payload Requirements and Constraints	1976
20160013509	Major Safety Concerns: Space Shuttle Program	1976
20160013518	Unmanned Flight Capability for the Space Shuttle System	1976
20170006891	High Power and 2.5 kW Advanced Technology Ion Thruster	1976
20170006892	High Power and 2.5 kW Advanced Technology Ion Thruster	1976
20170006898	High Power and 2.5 kW Advanced Technology Ion Thruster	1976
20170006899	High Power and 2.5 kW Advanced Technology Ion Thruster	1976
20170006900	High Power and 2.5 kW Advanced Technology Ion Thruster	1976
20170006901	High Power and 2.5 kW Advanced Technology Ion Thruster	1976
20170006902	High Power and 2.5 kW Advanced Technology Ion Thrusters	1976
19760012214	Risk assessment and integrated effects	1977
19770007398	Hall effect and resistance of a sphere	1977
19770007715	Geochemical and isotopic study of a gravity core of the southern Pacific (Antarctic Ocean)	1977
19770007788	The sterilizing action of a gaseous formol: Use of a chamber equipped with a ventilation system	1977
19770008099	Methods for calculation of three-dimensional flow through a blade row of a turbomachine	1977
19770008114	The current trend of the utilization of earth observation satellites, volume 1	1977
19770008175	Study of luminescence of OH (A-2 sigma (+)) radical produced in photolysis of water vapor by vacuum UV radiation	1977
19770008176	Very high resolution study of the transition B-2 sigma + to A-2 sigma + of OH and OD using a high frequency source designed for the purpose	1977
19770008186	M sub xMo3Se4 (M=metal) phases assuming molybdenum selenide MO3Se4 as the host structure	1977
19770008187	Creep in single-crystalline silver in the 1.5 to 300 K temperature range	1977
19770008345	Electrical resistivity of carbon black kaolin composite sintered materials	1977
19770008346	Electrical resistivity of carbon black-kaolin composite sintered materials, 3	1977
19770008347	Electrical resistivity of carbon black-kaolin composite sintered materials, 4	1977
19770008403	Heat transmission in horizontal liquid layers	1977
19770008587	The action of SST emissions on the ozone layer	1977
19770008637	Automatic weather stations for use at airports	1977
19770008667	Sterilization by ionizing radiation	1977
19770008699	A new head-up control display: Medico-physiological considerations	1977
19770008924	The -g factor anisotropy of powdered samples of Madagascar graphite containing a rhombohedral phase	1977
19770008925	Paramagnetic resonance of free charge carriers. Temperature variation of the linewidth anisotropy in single crystal graphite	1977
19770008927	Thermal variations of the diamagnetism and Hall effect of polycrystalline graphite doped with boron	1977
19770008929	Identification of the system C-2 sigma + to X-2 Pi i of OH and OD in the vacuum ultra-violet	1977
19770009009	Eclipses of the IK-3 satellite	1977
19770009501	Investigation of acid-resistant electrocatalysts for fuel cells	1977
19770010047	Transonic Rotor Aerodynamics: Fundamentals of the Theory	1977
19770010088	Investigation of the steady-state behavior of two delta-wing hang gliders	1977
19770010114	Head-up piloting aids	1977
19770010115	Electronic head-up display at pilot's eye level	1977
19770010174	An architect in a world where apples do not fall	1977
19770010175	The Conquest of Outer Space in the USSR 1974	1977
19770010223	Technological studies in the system Si3N4-Al2O3	1977
19770010236	Contribution to the study of carbon-potassium systems	1977
19770010237	Determination of nitrogen and silicon in silicon nitride	1977
19770010239	Electronic models of carbon	1977
19770010240	Study of anthracene semi-cokes: The relationship between their structural and electronic properties	1977
19770010447	Investigation of heat transfer and resistance for gas flows in a rectangular channel with an isolated rib	1977
19770010618	The optimum configuration of rotor blades for horizontal wind energy converters	1977
19770010711	Stratospheric ozone	1977
19770010720	A remarkable change in climate over Northern Europe	1977
19770010748	The effect of ambient temperature on metabolism and heart rate in resting albino rats	1977
19770010749	Hygrophorus (limacium) hypothejus fr. in mycorrhizal synthesis with pine (pinus silvestris l.) in pure cultures on agar	1977
19770010750	Study of the vapor sterilization process for new filtering materials	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770010803	Possible uniqueness of rational life in the universe	1977
19770010906	Calculation of the magnetic field, magnetic forces and behavior of large coil systems for fusion experiments	1977
19770010956	Crystal chemistry of ternary sulfur and selenium compounds of low valence molybdenum	1977
19770011039	Emigration to other planets: A prospect planned for the future of mankind	1977
19770011104	Two and three dimensional flows around blunt bodies with special regard to transonic free stream mach numbers	1977
19770011269	New chemical reagents in mycology	1977
19770011278	New ternary sulfide compounds of low valence molybdenum showing molybdenum-molybdenum bonds in the form of chains or octahedral clusters	1977
19770011279	Microstructural changes during gas pressure sintering of silicon nitride	1977
19770011295	Electronic properties of carbons	1977
19770011308	Mass-spectrometric study of the vaporization of nickel and its oxides in vacuo and in rarefied oxygen	1977
19770011445	Study of an SLN-test platform for thermal components (heat pipes and latent heat accumulators)	1977
19770011474	Torus grating spectrometer	1977
19770011593	Physical-geographic and hydrologic description of the test site in the USSR (mountain region of the Syrdar'ya River Basin in the northern part of the Fergana Depression) and data on ground hydrologic, meteorologic, and actinometric measurements	1977
19770011594	Study of the earth from orbit	1977
19770011596	Results of investigations of the moisture of soils by the superhigh frequency radiometric method. (A project report of the Soviet-American working group)	1977
19770011598	The earth's rainbow	1977
19770011787	Ultrastructural and functional anatomy of the vestibule	1977
19770011790	Principles of aviation and space medicine	1977
19770011866	Concerning differential invariants	1977
19770011950	On the astigmatism of concave gratings with spherical or toroidal surfaces	1977
19770011951	Optical device, in particular an autocollimation	1977
19770012036	Aerosol in the atmosphere of Jupiter and Saturn	1977
19770012038	Luna-24 soil sample from Sea of Crisis being examined	1977
19770012124	Leakage flow in thermal turbo-machines as the origin of vibration-exciting lateral forces	1977
19770012189	The Arabic Space Center	1977
19770012236	Theoretical distribution of hydrogen isotopes in the system H ₂ -HC ₁ -OH-HCN-H ₂ O-H ₂ S-NH ₃ -CH ₄	1977
19770012237	The effect of the chemical composition of isoparaffin oil on its thermal-oxidative stability	1977
19770012308	Hot mechanical properties of refractories: Compressive strength	1977
19770012328	Measured Properties of Propellant for Solid Rocket Booster of One-Eighth Scale Dynamic Shuttle Model	1977
19770012337	A summary of spacecraft loads data from four Titan Centaur launch vehicle flights	1977
19770012630	Storage of thermal energy in molten salts and metals	1977
19770013804	Plants in the gravitational world	1977
19770014060	The statistical study of dark nebulae	1977
19770014138	Civil aircraft of the future and new technological developments	1977
19770014162	Space Settlements: A Design Study	1977
19770014165	Space flights in the Soyuz spacecraft: Biomedical research	1977
19770014257	Active ferric and cupric compounds as inorganic catalysts in peroxidizing oxidation reactions in the light of theories of oxygen activation and hydrogen activation	1977
19770014417	Progress in the calculation methods of two- and three-dimensional turbulent boundary layers	1977
19770014454	High precision gratings produced holographically by means of reconstructed identical wave fronts	1977
19770014455	A Schlieren photography process for visualizing and distinguishing density gradients in any direction	1977
19770014585	Discrimination of rock and soil types by digital analysis of LANDSAT data	1977
19770014881	Application of decision theory to therapeutic tests, an extension of the model of Colton	1977
19770014908	School-seminar on CETI program (participants report)	1977
19770014958	The effects of contemporaneous and non-contemporaneous correlation on the estimation of a system of regression equations	1977
19770016052	NASA patent abstracts bibliography: A continuing bibliography. Section 1: Abstracts (supplement 10)	1977
19770016152	Conceptual design of a single turboprop engine powered light aircraft	1977
19770016635	LANDSAT: Non-US standard catalog, a March 1977 - 31 March 1977	1977
19770016644	LANDSAT: Non-US standard catalog	1977
19770016645	LANDSAT: US standard catalog	1977
19770016836	Analysis of dissection algorithms for vector computers	1977
19770017094	The contribution of interstellar particles to the interplanetary dust complex	1977
19770017112	Quantitative study of three-dimensional flow fields around flight vehicles in the case of supersonic flow by means of optical methods	1977
19770017141	Method and apparatus to shut out interference from the vertical component of the geomagnetic field in compasses and earth inductors	1977
19770017142	Static, non-swinging arrangement for determining course on board a vehicle	1977
19770017186	An advanced airborne data acquisition system	1977
19770017224	Validated hybrid simulation provides flexible avionics testing for Mach 20 re-entry vehicle	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770017264	Activation of gamma-FeOOH with amphoteric hydroxides and anomalous behavior of certain complex catalysts of this type	1977
19770017265	Catalytic activity of some heterogeneous catalysts and their surface area	1977
19770017266	Catalytic action of various types of ferric hydrate in the presence of activators	1977
19770017522	High precision gratings produced with laserlight and photoresist layers	1977
19770017621	The investigation of the environment by space means: Geobotanics, geomorphology, soil science agricultural land, and landscape science	1977
19770017740	Generalization of the method for averaging the distribution function for particle trajectories as applied to problems of numerical modeling of conic instability of magnetospheric plasma	1977
19770017813	Problems of space biology. Volume 33: Gravity and the body	1977
19770017814	Russian literature on aviation, space and high-altitude biology and medicine: A bibliography. Volume 2	1977
19770017822	Problems of creating biotechnical systems of human life support	1977
19770017988	High power zone plates as image-forming systems for soft X-rays	1977
19770018091	Determination of the zero points and the periodic errors in the star catalogs	1977
19770018132	Design and test experience with a triply redundant digital fly-by-wire control system	1977
19770018206	General study of light plane spin, aft fuselage geometry, part 1	1977
19770018482	Design, development and manufacture of a breadboard radio frequency mass gauging system (phase D)	1977
19770018509	Calculation of viscoelastic flow in a square cavity	1977
19770019037	Information on the electronic structure of metals and alloys from the hyperfine structure of Mossbauer spectra	1977
19770019208	Influence of power on the spin of light planes	1977
19770019277	Advanced thrust chamber technology	1977
19770019296	The manifestation of the kinetic isotope effect during the decomposition of organic macromolecules	1977
19770019378	Effect of naphthols on the thermal stability of fuels	1977
19770019624	Remote sensing program	1977
19770019648	Measurement of growth, measurement and bidirectional scattering parameters of wheat	1977
19770019782	Results of UHF radiometric and direct ground measurements of soil moisture in 1975	1977
19770020063	Oxide barriers on a GaAs by neutralized ion beam sputtering	1977
19770020140	Questionnaire survey report on instrument check at take-off	1977
19770020211	Skylab, our first space station	1977
19770020216	Automatic Stations to Study the Lunar Surface	1977
19770020285	Process for the manufacture of polymers in beads	1977
19770020298	Thermal stability improvement of diesel fuels of isopropyloctadecylamine	1977
19770020325	Status and development perspectives of communications satellites	1977
19770020404	Investigations of turbulent gas flows by of the laser-Doppler anemometer and the laser-crossed beam-Schlieren procedure	1977
19770020534	RESTEC (Remote Sensing Technology Center), volume 1, no. 1, 1976	1977
19770020701	Natural system of eolian landforms	1977
19770020729	Sea foam, physicochemical properties, radiating and reflecting characteristics	1977
19770020763	Survey report of the sleep time on the Moscow route	1977
19770020931	An overview of methods in electronic sound simulation	1977
19770020947	Study on the possibilities of isotopic exchange between C3O2 and CO labeled with (14)C in the presence and absence of ionizing radiation	1977
19770020965	Variability of the spectral-brightness indicators of natural objects under various conditions of remote measurement (to the question of standardizing spectral-brightness indicators of natural objects)	1977
19770020966	Theory of conic light guide system of matching an IR receiver with telescope optics and machine simulation of its characteristics	1977
19770021078	Labor-management relations	1977
19770021108	Models of the outflowing envelopes of stars of the T Tau type	1977
19770021109	Optical characteristics of the accretion disk in the system HZ Her (Her X-1)	1977
19770021111	Pioneer odyssey	1977
19770021123	Lift calculation and flow mechanisms when the maximum lift is exceeded	1977
19770021199	Cryogenic design and safety review NASA-Langley Research Center 0.3 meter transonic cryogenic tunnel	1977
19770021306	Hazard characteristics of combustion products in fires: The state-of-the-art review	1977
19770021506	Roughness and wall temperature effects on boundary layer transition on a 0.0175-scale space shuttle orbiter model tested at Mach number 8	1977
19770021975	Saturation of plane acoustic waves and notes on the propagation of finite amplitude spherical waves	1977
19770022023	Analysis and Radiant Heating Tests of a Heat-Pipe-Cooled Leading Edge	1977
19770022106	Ion-acoustic waves in the solar wind	1977
19770022222	Identification of stability derivatives from wind tunnel tests of cable-mounted aeroelastic models	1977
19770022458	Summary of the CTS transient event counter data after one year of operation	1977
19770022647	LANDSAT non-US standard catalog, 1 April 1977 through 30 April 1977	1977
19770022657	LANDSAT US standard catalog, 1 April 1977 - 30 April 1977	1977
19770022795	Aerospace Medicine and Biology: A continuing bibliography with indexes, supplement 169, July 1977	1977
19770023121	Soviet aircraft and rockets	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770023175	Rotor burst protection program: Experimentation to provide guidelines for the design of turbine rotor burst fragment containment rings	1977
19770023209	Space station systems analysis study. Part 3: Documentation. Volume 3: Appendixes. Book 1: Supporting data	1977
19770023327	Fire research specialists: A directory	1977
19770023424	Aerospace technology development of solid state remote power controllers for 300 VDC with current ratings of one and two amperes, one type having current limiting	1977
19770023425	Aerospace Technology Development of Three Types of Solid State Remote Power Controllers for 120 VDC with Current Ratings of Five and Thirty Amperes, One Type Having Current Limiting	1977
19770023607	Determining the usefulness of remote sensing for estimating agricultural water demand in California	1977
19770023648	LANDSAT: US standard catalog, 1-31 May 1977	1977
19770023654	Evaluation of phase 2 conceptual designs and implementation assessment resulting from the Energy Conversion Alternatives Study (ECAS)	1977
19770023770	Evaluation of stress on a pilot during agricultural flights based on physiological studies	1977
19770023870	Timing formulas for dissection algorithms on vector computers	1977
19770023987	Double resonance interferometry: Relaxation times for dipolar forbidden transitions and off-resonance effects in an AX spin system	1977
19770024104	Aeronautics and Space Report of the President. 1976 Activities	1977
19770024126	Aeronautical Engineering: A special bibliography with indexes, supplement 84	1977
19770024127	Aeronautical Engineering: A special bibliography with indexes, supplement 85	1977
19770024616	Application of remote sensing to selected problems within the state of California	1977
19770024821	Aerospace Medicine and Biology: A continuing bibliography with indexes, supplement 170	1977
19770024840	Analysis and design of a proto-type triple-axis-common-pivot-arm-wrist to be evaluated on ESAM and P-FMA. Phase 1	1977
19770024951	Robustness and computational aspects of nonlinear stochastic estimators and regulators	1977
19770025561	Effect of wall thickness and material on flexural fatigue of hollow rolling elements	1977
19770025892	Inlet turbulence and fan noise measured in an anechoic wind tunnel and statically with an inlet flow control device	1977
19770026184	Analysis of air accidents involving airplanes or helicopters of various types of application	1977
19770026185	Notes on the pollution of airplanes and helicopters by chemicals during agricultural jobs	1977
19770026639	Space studies of earth resources: Methods and means of measurements and processing of information	1977
19770026766	Thaumasia: A fossilized, early-forming Tharsis uplift	1977
19770026901	Retention of selected physiological indicators in pilots in the course of agricultural flights	1977
19770026902	Activity of the digestive system during 49-day antiorthostatic human hypokinesia	1977
19770027012	Methods for the electronic simulation of flight sounds	1977
19770027139	Stereoscopic direction finding analysis of a type III solar radio burst: Evidence for emission at twice the plasma frequency	1977
19770071085	Solar wind physics	1977
19770071086	Handling and ride qualities of large flexible control-configured aircraft	1977
19770071087	Combustion stability with baffles, absorbers and velocity sensitive combustion	1977
19770071200	Magnetopause structure from satellite observations	1977
19770071485	Research in millimeter wave techniques	1977
19770071486	Sound transmission analysis for determining interior sound levels	1977
19770071506	Semiannual Progress Report	1977
19770071514	Blade end wall flows in compressors	1977
19770071541	X-ray emission from high temperature plasmas	1977
19770071892	Viking 75 mission, assessment of primary mission	1977
19770071894	The solar atmosphere and the structure of active regions	1977
19770071908	Interactive Omega propagation corrections	1977
19770071964	Basic research and data analysis for the earth and ocean dynamics applications program	1977
19770071965	Medium-energy physics studies	1977
19770072225	Establishment of an analytical model for natural water systems	1977
19770072748	Thermal structural analysis of convectively cooled structures	1977
19770072783	Magnetic studies on meteorites	1977
19770072793	Aerodynamic forces on airfoils and bodies in separated flow	1977
19770073375	Unsteady loads due to propulsive lift configurations	1977
19770073389	A research program to reduce interior noise in general aviation airplanes	1977
19770073425	Calculation of unsteady two dimensional airloads in subsonic ventilated wind tunnels	1977
19770073444	Three-dimensional boundary layer problems related to space shuttle configurations	1977
19770073445	Aerothermodynamic data base monthly data file contents report, phase C	1977
19770073446	Aerothermodynamic data base monthly data file contents report, phase C	1977
19770073568	Time dependent transport of energy in the wall region of the compressible turbulent boundary layer	1977
19770073583	Development of a high resolution ultrasonic sensor for the observation of articles in fluids	1977
19770073608	SPAR structural analysis system reference manual, system level 11. Volume 1: Program execution	1977
19770073609	SPAR structural analysis system reference manual, system level 11. Volume 2: Theory	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770073610	SPAR structural analysis system reference manual, system level 11. Volume 3: Demonstration problems	1977
19770073611	SPAR structural analysis system reference manual, system level 11. Volume 4: Special-purpose programs and procedures	1977
19770073612	SPAR structural analysis system reference manual, system level 11. Volume 5: Programmer reference	1977
19770073720	Determination of atmospheric trace gases using the correlation interferometer technique	1977
19770073801	A modular radiative transfer program for gas filter correlation radiometry	1977
19770073832	Analyses of Atmospheric Structures Related to Clear-Air Turbulence	1977
19770073935	Finite element solution of uniformly parabolic partial differential equations	1977
19770074011	Population inversion in charge exchange collisions	1977
19770074072	NASA Equipment Management Manual	1977
19770074213	Lunar laser data identification and management	1977
19770074217	Role of radiosondes in cosmic-ray studies	1977
19770074264	Technical problems related to orbital capture of passive objects	1977
19770074271	Nonlinear modeling of ASPS/space shuttle system	1977
19770074347	The effect of interference on delta modulation encoded video signals	1977
19770074372	Transport of trace contaminants through porous media	1977
19770074396	Research and investigation of the radiation induced by a laser beam incident on seawater	1977
19770074887	Analysis of the Gas Core Actinide Transmutation Reactor (GCATR)	1977
19770074921	Meal system for the elderly: Conventional food in novel form, no. 16	1977
19770075024	Lunar laser ranging data deposited in the National Space Science Data Center: Normal points filtered observations, and unfiltered photon detections for 1 March through 30 September 1976	1977
19770075034	Hypersonic Flight Mechanics	1977
19770075046	Aerothermodynamic data base, phase C	1977
19770075087	Palapa-B/Delta post launch report	1977
19770075090	Heat-transfer test results for a .0275-scale space shuttle external tank with a 10 deg/40 deg double cone-ogive nose in the NASA/AMES 3.5-foot hypersonic wind tunnel (FH14), volume 3	1977
19770075091	Approach and Landing Test (ALT) system software design specification	1977
19770075127	Inhibition of hydrogen cyanide (NCN) evolution by copper and other metals from linear polyurethanes	1977
19770075297	Radiation measurements from polar and geosynchronous satellites	1977
19770075380	Fifth Meeting of the Stratospheric Research Advisory Committee	1977
19770075438	Scientific publications and presentations relating to planetary quarantine. Volume 5: The 1976 supplement	1977
19770075466	Image processing technology	1977
19770075468	Six-degree-of-freedom program to optimize simulated trajectories (6D POST). Volume 2: Utilization manual	1977
19770075469	Six-degree-of-freedom program to optimize simulated trajectories (6D POST). Volume 3: Programmer's manual	1977
19770075470	Flight software integrated test plan. Volume 2: VCO-2 SSW test plan	1977
19770075484	Coordinated design of coding and modulation systems	1977
19770075592	Quarterly report, January - March 1977	1977
19770075593	A compilation of research reports of Physical Research Division, Dynamic Loads Division, Loads Division, 1921 - 1973	1977
19770075599	New dimensions in information processing	1977
19770075710	IMBLMS behavioral performance tests: Tests B-1 through B-10, part 2	1977
19770076070	Computerized binocular vision testing. A market study of the Baylor Mark III Haploscope	1977
19770076106	GSFC computer newsletter	1977
19770076281	Laboratory study of the diffuse reflectance spectra of frosts occurring on astronomical objects	1977
19770076364	Investigations on a 0.020-scale jet plume model (88-OTS) of the Rockwell International integrated SSV configuration 140C (modified) in the NASA/ARC 11-foot transonic wind tunnel (IA72), volume 1	1977
19770076365	Investigations on a 0.020-scale jet plume model (88-OTS) of the Rockwell International integrated SSV configuration 140C (modified) in the NASA/ARC 11-foot transonic wind tunnel (IA72), volume 2	1977
19770076366	Investigations on a 0.020-scale jet plume model (88-OTS) of the Rockwell International integrated SSV configuration 140C (modified) in the NASA/ARC 11-foot transonic wind tunnel (IA72), volume 3	1977
19770076367	Investigations on a 0.020-scale jet plume model (88-OTS) of the Rockwell International integrated SSV configuration 140C (modified) in the NASA/ARC 11-foot transonic wind tunnel (IA72), volume 4	1977
19770076368	Investigations on a 0.020-scale jet plume model (88-OTS) of the Rockwell International integrated SSV configuration 140C (modified) in the NASA/ARC 11-foot transonic wind tunnel (IA72), volume 5	1977
19770076369	Investigations on a 0.020-scale jet plume model (88-OTS) of the Rockwell International integrated SSV configuration 140C (modified) in the NASA/ARC 11-foot transonic wind tunnel (IA72), volume 6	1977
19770076370	Investigations on a 0.020-scale jet plume model (88-OTS) of the Rockwell International integrated SSV configuration 140C (modified) in the NASA/ARC 11-foot transonic wind tunnel (IA72), volume 7	1977
19770076371	Investigations on a 0.020-scale jet plume model (88-OTS) of the Rockwell International integrated SSV configuration 140C (modified) in the NASA/ARC 11-foot transonic wind tunnel (IA72), volume 8	1977
19770076372	Investigations on a 0.020-scale jet plume model (88-OTS) of the Rockwell International integrated SSV configuration 140C (modified) in the NASA/ARC 11-foot transonic wind tunnel (IA72), volume 9	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770076373	Heat transfer phase change paint tests of 0.0175-scale model (no. 56-0) of the Rockwell International space shuttle orbiter in the AEDC tunnel B hypersonic wind tunnel (test OH25B)	1977
19770076377	Aerothermodynamic data base monthly data file contents report	1977
19770076462	Measurements of the poynting vector of standing hydromagnetic waves at geosynchronous orbit	1977
19770076694	Computerized power supply analysis: State equation generation and terminal models	1977
19770076745	Develop design criteria for penetrator emplacement of a multi-station seismic experiment	1977
19770076747	Rocket/satellite program in aeronomy. Task 2: Data analysis	1977
19770076759	Constraints on the gravitational constant at large distances	1977
19770076760	Magnetospheric plasma waves	1977
19770076841	Ecology and thermal inactivation of microbes in and on inter planetary space vehicle	1977
19770076914	Lifetime measurements in Si IX-Si XII using beam-foil excitation	1977
19770076929	Accurate spectral modeling for infrared radiation	1977
19770076945	X-ray and Auger transition probabilities to the 2p level of multiply ionized sulfur and chlorine	1977
19770077044	Final technical report	1977
19770077045	Research studies of stellar chromospheres and coronas	1977
19770077047	High-dispersion spectroscopic observations of Venus near superior conjunction. 2: The carbon dioxide band at 7883 A	1977
19770077048	Radio astronomy	1977
19770077052	Properties of the moon and its environment from lunar magnetometer measurements	1977
19770077053	The dielectric properties of lunar samples as a function of density, composition, temperature and exposure to water vapor	1977
19770077152	Aerodynamic noise tests of the 0.035-scale integrated space shuttle vehicle model (84-OTS) in the NASA-Ames Research Center unitary plan wind tunnels (IS2A/B), volume 1	1977
19770077155	Aerodynamic noise tests of the 0.035scale integrated space shuttle vehicle model (84-OTS) in the NASA-Ames Research Center unitary plan wind tunnels (IS2A/B), volume 2	1977
19770077180	Evaluation of Selected Chemical Processes for Production of Low-Cost Silicon	1977
19770077181	Silicon sheet growth by the inverted Stepanov technique	1977
19770077182	Hot forming of silicon sheet, silicon sheet growth development for the large area silicon sheet task of the low cost silicon solar array project	1977
19770077183	Hot Forming of Silicon Sheet, Silicon Sheet Growth Development for the Large Area Silicion Sheet Task of the Low Cost Silicon Solar Array Project	1977
19770077360	Development of a high efficiency thin silicon solar cell	1977
19770077361	Large area silicon sheet task low-cost silicon solar array project	1977
19770077362	Large area silicon sheet by EFG	1977
19770077363	Accelerated/abbreviated test methods, study 4 of task 3 (encapsulation) of the low-cost silicon solar array project	1977
19770077366	Low cost silicon solar array project. Task 1: Establishment of the feasibility of a process capable of low cost, high volume production of silane, SiH4	1977
19770077367	Synthesis of silane and silicon in a non-equilibrium plasma jet	1977
19770077368	Development of low-cost, high energy-per-unit-area solar cell modules	1977
19770077473	Evaporative Cooling Tower Plumes: a Review of Behavior, Predictions, and Meteorological Effects	1977
19770077684	Travel suggestions for NASA employees, including advisers, consultants and experts inside conterminous United States	1977
19770077737	Aerodynamic heating results obtained during test OH60 conducted in the AEDC UKF tunnel B using the 0.040-scale model 83-0 of the Space Shuttle Orbiter forward fifty percent fuselage	1977
19770077779	Lyman alpha coronagraph research: Sounding rocket program	1977
19770077853	Solar silicon con via improved and expanded metallurgical silicon technology	1977
19770078139	Silicon ribbon growth by a capillary action shaping technique	1977
19770078140	Laser-zone growth in a ribbon-to-ribbon (RTR) process, silicon sheet growth development for the large area silicon sheet task of the Low Cost Silicon Solar Array project	1977
19770078141	Semiconductor grade, solar silicon purification project	1977
19770078142	Accelerated/abbreviated test methods, study 4 of task 3 (encapsulation) of the low-cost silicon solar array project	1977
19770078143	Development of a process for high capacity arc heater production of silicon for solar arrays	1977
19770078145	Dip coating process: Silicon sheet growth development for the large area silicon sheet task of the low-cost silicon solar array project	1977
19770078228	Extinction and the atmospheric aerosol	1977
19770078379	Report of 28-day bedrest simulation of skylab, volume 2	1977
19770078380	APEAS-1	1977
19770078422	Graphical stability comparison of analytic and numerical solutions of nonlinear systems	1977
19770078528	Research of ion resonance spectra	1977
19770078645	Radiation studies of optical and electronic components used in astronomical satellite studies	1977
19770078646	Research in planetary astronomy	1977
19770078647	Study of interplanetary dust	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770078696	Heat transfer and surface pressure data obtained on a .0479 scale model space shuttle external tank nose section at Mach numbers from 2.5 to 5.5 in the AEDC/VKF tunnel A (FH13)	1977
19770078697	High Reynolds number transonic stability and control characteristics of a 0.015 scale (remotely controlled elevon) model 44-0 of the space shuttle orbiter tested in the VSD high speed tunnel (LA76) Volume 2	1977
19770078698	Results of test OH49A of the 0.0175-scale space shuttle orbiter model 22-0 conducted in the AEDC VKF tunnel B to determine aero heating characteristics	1977
19770078699	Aerodynamic heating results obtained during test OH50B conducted in the AEDC VKF tunnel B using the 0.040-scale model 83-0 of the space shuttle orbiter forward fifty percent fuselage	1977
19770078700	Results of an investigation of external tank separation effects using an 0.010-scale model (52-OT) space shuttle vehicle in the Arnold Engineering Development Center von Karman facility tunnel B (IA114), volume 1	1977
19770078701	Results of an investigation of external tank separation effects using an 0.010-scale model (52-OT) space shuttle vehicle in the Arnold Engineering Development Center von Karman facility tunnel B (IA114), volume 2	1977
19770078702	Results of a drag reduction investigation on an 0.010-scale model of the space shuttle vehicle 72-OTS launch configuration tested in the LaRC 8-foot transonic pressure tunnel for the Mach range of 0.35 to 1.20 (LA59)	1977
19770078703	Results of an investigation of the space shuttle solid rocket booster aerodynamic heating characteristics obtained using the 0.0175-scale model 60-OTS in AEDC tunnel A during test IA47, volume 1	1977
19770078715	Chemistry of the system: Al ₂ O ₃ (c)HCl(aq)	1977
19770078733	Synthesis of diamines as polymer precursors	1977
19770078775	An instability of finite amplitude circularly polarized alfven waves	1977
19770078776	Development of far ultraviolet television	1977
19770078791	Research into the construction of multiple layer thin film high energy density capacitors	1977
19770078816	Noise in turbulent flow	1977
19770078858	Research in advanced aerospace structures	1977
19770078883	Estimation of ground temperature from GFCR radiometric signal	1977
19770078886	Applications of Suits spectral model to wheat	1977
19770078909	Development of a high efficiency thin silicon solar cell	1977
19770078910	Silicon materials task of the Low Cost Solar Array Project (phase 2)	1977
19770078911	Low cost silicon solar array project. Establishment of the feasibility of a process capable of low cost, high volume production of silane, phase 1. The pyrolysis of silane to semiconductor-grade silicon, phase 2	1977
19770078913	Web-dendritic ribbon growth	1977
19770078914	Automated array assembly	1977
19770078915	Automated array assembly	1977
19770078916	Chemical vapor deposition growth	1977
19770078917	Automated array assembly task, phase 1	1977
19770078918	Novel duplex vapor-electrochemical method for silicon solar cells	1977
19770078919	Study program for redesign of VA-949J X-band high power klystrons	1977
19770078921	Analysis of effects of impurities intentionally incorporated into silicon	1977
19770079028	Efficient direction, analysis and classification of lightning radiation fields	1977
19770079029	Coronal and chromospheric physics	1977
19770079034	Ionospheric research	1977
19770079084	Microbiological experiments for the long duration exposure facility, space shuttle missions	1977
19770079101	Circadian rhythms of sensory and operant behavior	1977
19770079115	NASA bunk bed	1977
19770079116	Microbiological performance testing on the water management sub-system for a four-man space capsule	1977
19770079131	IUE flight software task (FES format and mode control logic)	1977
19770079167	Sound propagation through a jet exiting from a circular duct	1977
19770079176	Application of track detectors to the measurement of sputtering yields	1977
19770079207	Optical propagation and communication	1977
19770079257	National Aeronautics and Space Administration	1977
19770079269	Lunar laser ranging data deposited in the National Space Science Data Center: Normal points, filtered observations, and unfiltered photon detections for 1 October 1976 through 31 March 1977	1977
19770079315	Infrared instrumentation and astronomy	1977
19770079316	Interferometric high-resolution spectroscopy of optical interstellar lines	1977
19770079324	Remote compositional mapping of the lunar surface	1977
19770079325	Mars and Mercury geologic mapping	1977
19770079326	Semiannual Report, 1 January - 30 June 1977	1977
19770079330	The solar atmosphere and the structure of active regions	1977
19770079333	A study of unsteady transonic flow analysis	1977
19770079334	Composite structural materials	1977
19770079335	To predict unsteady airloads in two dimensional subsonic compressible flow	1977
19770079336	Dynamic characteristics of advanced composite rotor blades	1977
19770079337	The separated turbulent boundary layer over a wavy wall	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770079345	OFT-1 entry: Ground navigation accuracy for Guam tracking	1977
19770079356	Alternatives for jet engine control	1977
19770079372	Delta launch Geostationary Meteorological Satellite Japan/GMS	1977
19770079373	High Reynolds number transonic stability and control characteristics of a 0.015 scale (remotely controlled elevon) model 44-0 of the space shuttle orbiter tested in the VSD high speed tunnel (LA76), volume 1	1977
19770079374	Aerothermodynamic data base, phase C	1977
19770079384	Investigation and characterization of constraint effects on flow growth during fatigue loading of composite materials	1977
19770079385	Study of composites as substrate materials in large space telescopes	1977
19770079389	Catalysts for electrochemical generation of oxygen	1977
19770079398	An investigation of particle combustion	1977
19770079414	Development of critical molecular weight: Property specifications for high performance polymers used as adhesives and composites	1977
19770079441	Research of microwave scattering properties of snow fields	1977
19770079490	Accidental non-ideal explosions	1977
19770079502	Atmospheric effects on coherent laser systems	1977
19770079683	Bio-gas production from alligator needs	1977
19770079684	N-terminal pyroglutamyl residues in proteins and thermal peptides	1977
19770079685	Biorganic chemistry and the emergence of the first cell	1977
19770079686	A test for randomness in peptides isolated from a thermal polyamino acid	1977
19770079757	Theoretical and experimental studies of space-related plasma wave propagation and resonance phenomena	1977
19770079796	The uses of space technology in the Great Lakes	1977
19770079826	Thickness of mare basalts: Western Mare basins	1977
19770079827	Detection techniques for planetary atmospheres	1977
19770079830	The interaction between flow disturbances and an airfoil with special emphasis on the unsteady Kutta condition	1977
19770079831	Compressible unsteady potential aerodynamic flow around lifting bodies having arbitrary shapes and motions	1977
19770079862	Explorers 54 and 55 (Atmosphere Explorers (AE)-D and E). Post launch report 3	1977
19770079867	Results of an investigation of the space shuttle solid rocket booster aerodynamic heating characteristics obtained using the 0.0175-scale model 60-OTS in AEDC tunnel A during tests IH47, volume 2	1977
19770079868	Results of tests using a 0.0125-scale model (70-OT) of the space shuttle vehicle orbiter in the AEDC VKF tunnel B(IA22), volume 1	1977
19770079882	Damage repair technology for composite materials	1977
19770079883	Fiber reinforced solids possessing great fracture toughness: The role of interfacial strength, supplement 4	1977
19770079914	Hypergolic Propellants Vapor Disposal, Phase 6. Task 2: Packed Bed Absorption Studies on N2O4 and MMH	1977
19770079915	Hypergolic propellants liquid and vapor disposal. Phase 6, task 8. Dry state scrubbing systems for N2O4 and MMH	1977
19770079918	Hypergolic propellants: Liquid and vapor disposal, task 9, amendment 7	1977
19770080002	The study and fabrication of a nanosecond gating system for the photomultiplier tube	1977
19770080010	Blade end wall flows in compressors	1977
19770080036	Slicing of silicon into sheet material: Silicon sheet growth development for the large area silicon sheet task of the low cost silicon solar array project	1977
19770080065	Comparison between the refraction error covariance model and ray tracing	1977
19770080091	Studies on silicon surface phenomena related to energy conversion	1977
19770080092	Energy conversion by the photo catalytic generation of hydrogen	1977
19770080093	Web-dendritic ribbon growth	1977
19770080094	Dip coating process: Silicon sheet growth development for the large-area silicon sheet task of the low-cost silicon solar array project	1977
19770080095	Accelerated/abbreviated test methods, study 4 of task 3 (encapsulation) of the low-cost silicon array project	1977
19770080096	Integral glass encapsulation for solar arrays	1977
19770080097	Development of high efficiency, radiation tolerant, thin, silicon solar cell	1977
19770080098	Studies of heteroface solar cell performance	1977
19770080207	Development of a dosimeter for distributed body organs	1977
19770080234	A user's guide to the Programming Language for Allocation and Network Scheduling PLANS	1977
19770080235	A user's guide to the Translator-Writing System (TWS)	1977
19770080276	A study in jet noise	1977
19770080308	Design of a submillimeter laser Thomson scattering system for measurement of ion temperature in Summa	1977
19770080315	Heat exchanger-ingot casting/slicing processes: Silicon sheet growth development for the large area silicon sheet task of the low cost silicon solar array project	1977
19770080316	Silicon web process development	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770080317	Feasibility of applying superconducting coil technology to general purpose magnetic balance and suspension system	1977
19770080332	Graduate engineering research participation program in aeronautics	1977
19770080354	The application of space technology to practical problems such as those currently facing the mountain sections of the state of Colorado	1977
19770080357	Literature review of the remote sensing of natural resources	1977
19770080416	Radio interferometry of the planets	1977
19770080417	Operation of the Haleakala Lunar Ranging Observatory	1977
19770080418	Many-particle theory of nuclear systems with application to neutron-star matter	1977
19770080420	Application of remote sensing techniques for determination of lunar surface geochemistry: A synthesis	1977
19770080422	Lunar ranging at McDonald Observatory	1977
19770080423	Lunar chemistry and surface processes studies	1977
19770080424	Models of the composition, structure and evolution of the lunar interior	1977
19770080426	Identification of processes which have affected the surfaces of the terrestrial planets and to define their extents in both space and time	1977
19770080436	Compressor and fan wake characteristics	1977
19770080468	An analytical study of effects of aeroelasticity on control effectiveness	1977
19770080469	Reduced state feedback gain computation	1977
19770080480	IMS/Satellite Situation Center report: IMS directory of spacecraft and experiment scientific contacts	1977
19770080840	Small group performance and the effects of contingency management in a programmed environment	1977
19770080877	A study of real-time computer graphic display technology for aeronautical applications	1977
19770080887	Support of Programming Language for Allocation and Network Scheduling (PLANS)	1977
19770080888	High-speed correlation algorithms for massively parallel machines	1977
19770080971	An Experimental Study of the Rotational Distribution of N ₂ (+) ^B (V) States Excited by Electron Beam Impingement upon Helium and Nitrogen Gas Mixtures	1977
19770080996	Nationa priorities survey. A study of the priorities that high school and college students assign to contemporary world problems and future space activities to help solve those problems	1977
19770081062	Semiannual status report, 1 January - 30 Jun. 1977	1977
19770081068	Transport properties in the atmosphere of Jupiter	1977
19770081084	Phase C aerothermodynamic data base monthly data file contents report	1977
19770081116	Pressure and heat transfer tests results on the space shuttle 0.015-scale external tank at mach number 16 in AEDC tunnel F (TH1F)	1977
19770081117	Reentry static stability characteristics of a 0.00548 scale model of a right hand 146-inch diameter solid rocket booster (MSFC model no. 486) Reentry configuration as determined from tests in the NASA/MSFC 14-inch trisonic wind tunnel (SA14FB), volume 1	1977
19770081118	Reentry static stability characteristics of a 0.00548 scale model of a right hand 146-inch diameter solid rocket booster (MSFC model no. 486) Reentry configuration as determined from tests in the NASA/MSFC 14-inch trisonic wind tunnel (SA14FB), volume 2	1977
19770081119	Results of tests using a 0.0125-scale model (70-OT) of the space shuttle vehicle orbiter in the AEDC VKF tunnel B (IA22) volume 3	1977
19770081120	Results of tests on a 0.111-scale space shuttle vehicle simulated elevon/wing gap heat transfer model (53-0) in the Ames Research Center 3.5-foot hypersonic wind tunnel (OH15)	1977
19770081121	Results of tests on a 0.111-scale space vehicle simulated elevon/elevon gap heat transfer model (53-0) in the Ames Research Center 3.5-foot hypersonic wind tunnel (OH44)	1977
19770081122	Sting tare investigation of an 0.0165 scale space shuttle orbiter model	1977
19770081182	An X-ray photoelectron spectroscopy study of nickel and nickel-base alloy surface alterations in simulated hot corrosion conditions with emphasis on eventual application to turbine blade corrosion	1977
19770081221	A study of confinement and heat transfer properties of cryogenes	1977
19770081411	Silicon materials task of the low cost solar array project (phase 2)	1977
19770081503	Environmental and genetic effects on gravity receptors	1977
19770081506	Bibliography of scientific publications and presentations relating to planetary quarantine, 1972 - 1976	1977
19770081715	Development of a thin-film Josephson-junction detector for millimeter and submillimeter wavelength applications	1977
19770081716	Generation of stable high secondary electron yield surfaces by ion implantation for electron multiplier and P-N junction for mass spectrometric instruments	1977
19770081811	Semi-annual progress report, 1 Jan. - 30 Jun. 1977	1977
19770081813	An upper limit to the interstellar abundance of the HCN dimer	1977
19770081815	Interdisciplinary study of planetary atmospheres	1977
19770081817	Properties of the moon and its environment from lunar magnetometer measurements	1977
19770081821	Cosmic X-ray physics	1977
19770081826	To predict unsteady airloads in two dimensional subsonic compressible flow	1977
19770081916	Flight Team Operations Handbook: Approach and Landing Test: Flight Operations Directorate, Flight Control Division	1977
19770081951	Transport of trace contaminants through porous media	1977
19770082069	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770082081	Development of ultrasonic techniques for non-destructive evaluation based on fourier analysis of signals from irregular and inhomogeneous structures	1977
19770082113	Large area silicon sheet task low-cost silicon solar array project	1977
19770082162	Research in support of NASA's space science	1977
19770082208	Biochemical and structural studies on the thermal resistance of Hardy bacterial spores	1977
19770082285	Measurement of reflectivities of rocks, minerals and glasses in the vacuum ultra-violet	1977
19770082294	Theoretical and experimental studies of space-related plasma wave propagation and resonance phenomena	1977
19770082349	Building a model for a remote sensing technology transfer program in Northern California	1977
19770082371	Planetary speckle imaging	1977
19770082372	The abundance of mn 3 and Hg 3 in HgMn peculiar stars: The abundance of boron in normal Band A type stars	1977
19770082375	Surface processes on lunar rock 12054	1977
19770082377	Studies of lunar induced data remanent magnetism	1977
19770082378	Map lunar surface remanent magnetic fields by the electron reflection method using Apollo 15 and 16 subsatellite data	1977
19770082379	Model magnetosphere of Mercury	1977
19770082385	An exploratory investigation of the cooling drag associated with general aviation propulsive systems	1977
19770082386	Least squares methods for transonic flows about oscillating wings	1977
19770082398	Gas turbine jet engines	1977
19770082405	Results of a drag reduction investigation on an o.010-scale model of the space shuttle vehicle (72-OTS) launch configuration tested in the LrC 8-foot transonic pressure tunnel for the mach range of 0.35 to 1.20 (LA69)	1977
19770082406	Results of an investigation of the space shuttle integrated vehicle aerodynamic heating characteristics obtained using the 0.0175-scale model 60-OTS in AEDC tunnel A during tests IH41B, volume 1	1977
19770082407	Results of an investigation of the space shuttle integrated vehicle aerodynamic heating characteristics obtained using the 0.0175-scale model 60-OTS in AEDC tunnel A during tests IH41B, volume 2	1977
19770082408	Results of an investigation of the space shuttle integrated vehicle aerodynamic heating characteristics obtained using the 0.0175-scale model 60-OTS in AEDC tunnel A during tests IH41B, volume 3	1977
19770082528	Flight test of a stall sensor and evaluation of its application to an aircraft stall deterrent system using the NASA LRC general aviation simulator	1977
19770082552	Elastic-plastic finite element analyses of fatigue crack growth in mode 1 and mode 2 conditions	1977
19770082742	Clouds and their effects on spectroscopic observations	1977
19770082789	Mechanisms of alertness attention and information processing in man	1977
19770082807	The hardware and software aspects of real time flight simulation	1977
19770082848	Acoustic properties of turbofan inlets	1977
19770082852	Energy transfer between molecular collision systems and laser radiation fields	1977
19770082890	Experimental and theoretical investigation of plasma radiation	1977
19770082951	Research on comets	1977
19770082953	Dynamical and photometric investigation of cometary type 2 tails	1977
19770082992	Results of an investigation of the Space Shuttle Integrated Vehicle aerodynamic heating characteristics obtained using the 0.0175-scale model 60-OTS in AEDC Tunnel A during tests IH41B, volume 4	1977
19770082993	Results of an investigation of the Space Shuttle Integrated Vehicle aerodynamic heating characteristics obtained using the 0.0175-scale model 60-OTS in AEDC Tunnel A during tests IH41B, volume 5	1977
19770083009	Interaction of chlorine and hydrogen chloride with alumina, asbestos and silica	1977
19770083143	Solar heating and cooling technical data and systems analysis: Non-residential solar energy survey and analysis demonstration program	1977
19770083144	Solar heating and cooling technical data and systems analysis: Status of systems analysis data base, presentation charts, May 25, 1977	1977
19770083254	Experimentation in supervisory control and flight management	1977
19770083388	Interplanetary dust	1977
19770083389	Semiannual status report, 1 March - 31 August 1977	1977
19770083405	To predict unsteady airloads in two dimensional subsonic compressible flow	1977
19770083428	The unsteady response of an axial flow fan to inlet distortions	1977
19770083441	Selected bibliography on lunar and space colonies, space utilization	1977
19770083444	Voyager post launch report	1977
19770083445	Voyager post launch report	1977
19770083451	Results of a heat transfer test of the integrated space shuttle vehicle with a 0.0175 scale thin skin thermocouple model (22-OTS) in the Langley Research Center unitary plan wind tunnel (IH1)	1977
19770083452	Space shuttle aerothermodynamic data report, phase C	1977
19770083453	Results of aerodynamic force and moment tests of 0.03- scale models (AX1319I-3 and 45-0) of the space shuttle orbiter and carrier in the NASA/ARC 14-foot transonic wind tunnel (CA13)	1977
19770083502	Low cost silicon solar array project. Establishment of the feasibility of a process capable of low cost, high volume production of silane (phase 1), and the pyrolysis of silane to semiconductor-grade silicon (phase 2)	1977
19770083505	Analysis of effects of impurities intentionally incorporated into silicon	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770083602	A depolarization and attenuation experiment using the CTS satellite	1977
19770083603	A depolarization and attenuation experiment using the COMSTAR and CTS satellites	1977
19770083612	Extension of Schottky diode receivers into the submillimeter region	1977
19770083613	Laboratory simulation of irradiation-induced dielectric breakdown in spacecraft charging	1977
19770083626	Some two point statistical properties of a three dimensional wall jet	1977
19770083642	Piezoresistive solid state integrated pressure sensors	1977
19770083673	Investigation of an improved theory for the analysis of natural and manmade layered structures	1977
19770083776	Silicon halide-alkali metal flames as a source of solar grade silicon	1977
19770083778	Det power subsystem modeling and analysis	1977
19770083899	An investigation of the variability in the stratospheric dust layer as related to the Fuego volcanic event	1977
19770083900	Ion acoustic stability analysis of the earth's bow shock	1977
19770083901	Theoretical and experimental studies of atmospheric structure and dynamics, using high altitude chemical release, radio meteo and meteorological rocket network and other data	1977
19770083963	Operation of a scientific communication system for planetary biology and quarantine	1977
19770084025	Control optimization, stabilization and computer algorithms for aircraft applications	1977
19770084028	HCMM simulation software development	1977
19770084069	Sound transmission analysis for determining interior sound levels	1977
19770084248	Data acquisition and path selection decision making for an autonomous roving vehicle	1977
19770084249	Planetary exploration: Progress and promise	1977
19770084250	Investigations in the isotopic systems of uranium, thorium and lead in lunar materials	1977
19770084251	Cosmic-ray research program for 1977	1977
19770084263	The structure of separated flow regions occurring near the leading edge of airfoils-including transition	1977
19770084269	Semiannual progress report, 1 April - 1 October 1977	1977
19770084316	Satellite situation report, volume 17, no. 3	1977
19770084319	Pilot user development program	1977
19770084321	Results of heat transfer test of a 0.0175-scale space shuttle orbiter 140B model (modified 22-0) in the NASA-AMES Research center 3.5-foot hypersonic wind tunnel (test OH26)	1977
19770084323	Results of experimental tests in the NASA/MSFC impulse base flow facility on a space shuttle .04 scale orbiter base (model 25-0) to determine second stage ascent base heating rates and pressure distribution	1977
19770084347	Nitrogen oxychlorides: A bibliography on data for physical and chemical properties of ClNO, ClNO ₂ , and ClNO ₃	1977
19770084375	Size effect studies of thin metal films	1977
19770084396	Pore morphology in ceramic processing	1977
19770084446	JAN transistor and diode characterization test program, report for JANTX transistor 2N3637	1977
19770084447	JAN transistor and diode characterization test program	1977
19770084448	JAN transistor and diode characterization test program, JANTX diode 1N5622	1977
19770084449	JAN transistor and diode characterization test program, report for JANTX transistor 2N2219A	1977
19770084450	JAN transistor and diode characterization test program, JANTX diode 1N5615	1977
19770084459	Spline collocation for viscous flow	1977
19770084466	Operating instructions: Memodyne/Kennedy interface unit	1977
19770084467	The calibration of photographic and spectroscopic films	1977
19770084510	Crack growth in bounded isotropic and orthotropic elastic half-planes	1977
19770084613	Satellite-tracking and earth-dynamics research programs	1977
19770084811	Investigation of models for large-scale meteorological prediction experiments	1977
19770084871	Research in numerical computations, supplement 3	1977
19770084872	Research in numerical computations: Project Overview and activities	1977
19770084873	A revision of the simplex method for solving linear programs prs Presented at Ann. Meeting of NIS-BKX Sci. Soci., Nashville	1977
19770084874	Spline under tension	1977
19770084875	Solutions of systems of first order differential	1977
19770084876	Numerical solutions of real or complex valued functions subroutine field testing	1977
19770084877	Interactive graphics on a mini-computer	1977
19770085037	Proposal to the National aeronautics and Space Administration for continued support of research in space sciences at the Stanford Center for Radar Astronomy	1977
19770085040	Infrared spectra of molecules and materials of astrophysical interest	1977
19770085042	Theoretical research on planetary atmospheres	1977
19770085043	Investigation of the daytime lunar atmosphere for lunar synthesis program	1977
19770085044	Semiannual report, 1 December 1976 - 31 May 1977	1977
19770085048	Final Report	1977
19770085049	Particle induced visual sensations	1977
19770085109	Flight-measured X-24B fin loads and control surface hinge moments and correlation with wind tunnel predictions	1977
19770085111	Design and wind tunnel test of a 20-percent thick supercritical at transonic speeds (U)	1977
19770085118	Advanced system design study of a composite structures rotor, volume 1	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085119	Advanced system design study of a composite structures rotor. Volume 2: Funding estimate and risk analysis	1977
19770085121	Aerodynamic Characteristics of a Mach 2.2 Advanced Supersonic Cruise Aircraft Configuration at Mach Numbers from 0.5 to 2.4	1977
19770085125	Technology application studies for supersonic cruise aircraft	1977
19770085127	Quiet short haul research aircraft phase 1 flight simulation investigation. Volume 2: Mathematical model	1977
19770085134	Simulated response of an automatically controlled STOL aircraft to microwave landing systems multipath errors for nominal and perturbed flight conditions	1977
19770085135	Simulator study of the departure resistance of a lightweight fighter airplane with twin vertical tails (U)	1977
19770085141	Space fabrication techniques	1977
19770085142	A brief summary of the solar maximum mission	1977
19770085153	Systems concepts for STS-derived heavy-lift launch vehicles study-extension. Executive summary	1977
19770085154	Systems concepts for STS-derived heavy-lift launch vehicles study	1977
19770085159	The SRB thermal environment data book, volume 1	1977
19770085161	Man-machine design and integration requirements for control of freeflying payloads	1977
19770085165	Flight software memory sizing and CPU loading estimates	1977
19770085167	Spacelab payload data processing at GSFC	1977
19770085168	Advanced technology laboratory experiment systems definition: Executive summary	1977
19770085172	Development of a computer program for Spacelab contaminant control analysis	1977
19770085174	Design study on charge injection device for star tracker application	1977
19770085175	Fabrication and test of six rocket-borne ozone payloads	1977
19770085178	Prediction of the plume heating thermal structure response of launch complex 39 to a launch induced environment. Volume 2	1977
19770085179	Solar array technology development for SEP (Solar Electric Propulsion)	1977
19770085180	Solar cell selection and characterization for solar electric propulsion	1977
19770085181	Solar cell selection and characterization for solar electric propulsion	1977
19770085182	Investigation of the effects of brazing on the properties of fiber-reinforced, aluminum-matrix composites	1977
19770085183	Investigation and testing of low temperature carbon monoxide catalysts	1977
19770085184	Alignment mirror adhesive evaluation	1977
19770085186	Definition of a mathematical model for an orbiting imaging radar	1977
19770085187	Spatially averaged estimates of attenuation using dual frequency radar techniques	1977
19770085190	Magnetically focused photon counting ICCD	1977
19770085192	FORTRAN program for computing compressible laminar, transitional and turbulent boundary layers with arbitrary pressure gradients and heat transfer. Information for the programmer and general user	1977
19770085193	Contactless seals: Foundations and applications of flows through slots and labyrinths	1977
19770085194	Design of an airborne laser spectrometer	1977
19770085198	Evaluation of alternate bearing designs for the Skylab CMG	1977
19770085212	A review of earthquake prediction by the seismic velocity method	1977
19770085214	A clinical study of spinal epidural stimulation for the treatment of intractable pain	1977
19770085215	Toxicity of the pyrolysis products of spacecraft materials	1977
19770085216	Review of technology developments relevant to closed ecological systems for manned space missions	1977
19770085220	A DEC LSI-11 cross assembler on the IBM 1800 computer	1977
19770085221	Data management system flight experiment development plan. Volume 1: Executive summary	1977
19770085222	Data management system flight experiment development plan, volume 2	1977
19770085226	Software operating system	1977
19770085227	User assistance applications in East Mississippi	1977
19770085228	Investigations of stellar X-ray sources	1977
19770085230	Evaluation of San Marco radiation environment	1977
19770085231	Radiation environment for LANDSAT-D	1977
19770085232	Intensity transitions in Cyg XR-1 observed at high energies from OSO-8	1977
19770085234	Feasibility study of modern airships (phase 2). Volume 3: Naval airship feasibility study. Book 3: Preliminary cost analysis	1977
19770085239	Estimation of the effect of the delayed flap approach on the wake vortex hazard	1977
19770085240	An avionics sensitivity study. Volume 3: Automated RNAV/MLS transition	1977
19770085241	Problems related to the measurement of the Runway Visual Range (RVR) and the Slant Visual Range (SVR)	1977
19770085243	Bearingless helicopter main rotor development. Volume 1: Design and test evaluation of large scale composite bearingless main rotor flexbeam	1977
19770085244	Preliminary design study of flutter suppression control system for the BQM-34E/F drone aircraft with a supercritical wing	1977
19770085245	Pre-design study of the flexhinge rotor for the rotor systems research aircraft. Volume 1: Design analysis	1977
19770085246	Pre-design study of the flexhinge rotor for the rotor systems research aircraft. Volume 3: Statement of work, cost estimation, specifications	1977
19770085247	Pre-design study of the flexhinge rotor for the rotor systems research aircraft. Volume 2: Development plan	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085248	Load and dynamic assessment of B-52B-008 carrier aircraft for configuration 1 and 2 space shuttle solid rocket booster decelerator subsystem drop test vehicles. Volume 2: Airplane flutter and load analysis results	1977
19770085249	Load and dynamic assessment of B-52B-008 carrier aircraft for configuration 1 and 2 space shuttle solid rocket booster decelerator subsystem drop test vehicles. Volume 3: Pylon load data method 1	1977
19770085250	Load and dynamic assessment of B-52B-008 carrier aircraft for configuration 1 and 2 space shuttle solid rocket booster decelerator subsystem drop test vehicles. Volume 4: Pylon load data method 2	1977
19770085251	Operation and maintenance manual for the general rotor model system	1977
19770085253	Study of the impact of air traffic management systems on advanced aircraft and avionic systems. Microwave landing system simulation task	1977
19770085254	Experimental results and data format of preliminary fan flutter investigation using YF 100 engine	1977
19770085255	Investigation of directional inlets utilizing refraction	1977
19770085258	Effects of compressor face distortion on the airflow characteristics of a J58 turbojet engine (U)	1977
19770085259	Preliminary flight measurements of the buffet characteristics of prototype lightweight fighter aircraft (U)	1977
19770085260	A digital program for motion washout on Langley's six-degree-of-freedom motion simulator	1977
19770085262	Advanced technology laboratory program for large space structures. Parts 1 and 2	1977
19770085265	Low-cost mission plan for Halley's Comet	1977
19770085267	Advanced Technology Laboratory experiment systems definition. Volume 1: Experiment design. Part 1: Experimental design and grouping	1977
19770085268	Advanced technology laboratory experiment systems definition. Volume 1: Experiment design. Part 2: Experiment definition packages	1977
19770085269	Advanced technology laboratory experiment systems definition. Volume 1: Experiment design. Part 3: Cost analysis	1977
19770085270	Advanced Technology Laboratory experiment systems definition. Volume 2: Mission analysis and planning. Part 3: Flight plan, payload 3	1977
19770085271	Advanced technology laboratory experiment systems definition. Volume 2: Mission analysis and planning. Part 4: Flight support operations	1977
19770085272	Advanced Technology Laboratory experiment systems definition. Volume 3: Subsystem interface design. Part 1: Design and interface requirements	1977
19770085273	Advanced technology laboratory experiment systems definition. Volume 3: Subsystem interface design. Part 2: Software development plan	1977
19770085274	Advanced Technology Laboratory experiment systems definition. Volume 4: System interface design. Part 1: Interface definitions	1977
19770085275	Advanced Technology Laboratory experiment systems definition. Volume 4: System interface design. Part 3: ATL accommodation handbook	1977
19770085276	Advanced technology laboratory experiment systems definition. Volume 4: System interface design. Part 4: Mass properties	1977
19770085277	Advanced technology laboratory experiment systems planning. Part 1: planning. Part 2: Program plan	1977
19770085278	Advanced Technology Laboratory experiment systems definition. Volume 5: System development planning. Part 3: ATL program costs	1977
19770085279	Advanced Technology Laboratory experiment systems definition. Volume 6: Additional payload definition. Part 1: Experiment, mission, and subsystem design	1977
19770085280	Advanced technology laboratory experiment systems definition. Volume 6: Additional payload definition. Part 2: Experiment definition packages	1977
19770085283	Space station systems analysis study, part 3, Addendum. Volume 4: Power system executive summary	1977
19770085284	Space station systems analysis study. Part 3, addendum, volume 5: Power system technical report	1977
19770085285	Space-based manufacturing from nonterrestrial materials: The 1976 NASA-Ames Research Center study	1977
19770085286	Interpolation schemes for orbit determination with the global, positioning system	1977
19770085287	Preliminary calibration and frequency analysis of the VMS hexapod motion simulator	1977
19770085289	On-orbit checkout of satellites (part 2 of on-orbit checkout study)	1977
19770085290	Thermal design and analysis of the electrodynamic explorers (EE-A and EE-B) utilizing a rotational heat pipe system	1977
19770085291	Advanced Technology Laboratory program for large space structures, part 1 and 2	1977
19770085292	Scout S-200C launch/Navy Transat	1977
19770085294	Attitude timeline development for verification of the Orbiter-TDRS blockage processor	1977
19770085295	Shuttle user study (study 2.2), executive summary	1977
19770085296	Shuttle growth study (booster and external tank options). Volume 1: Executive summary	1977
19770085297	Shuttle growth study (booster and external tank options). Volume 2: Concept preliminary definition and evaluation	1977
19770085298	Shuttle growth study (booster and external tank options). Volume 3: Concept definition	1977
19770085299	Shuttle growth study (booster and external tank options). Volume 4, part 1: Launch and mission support. Part 2: Mission analysis	1977
19770085300	Shuttle growth study (booster and external tank options). Volume 5, part 1: Cost and programmatic. Part 2: Comparative evaluation	1977
19770085301	Shuttle growth study (booster and external tank options). Volume 6: Supporting research and technology	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770085302	Shuttle system dynamic loads analysis	1977
19770085312	A proposed asynchronously multiplexed telemetry system for spaceflight operations	1977
19770085313	Station acquisition and ground track plotting program (STAGTRAC)	1977
19770085314	Advanced Technology Laboratory experiment systems definition. Volume 4: System interface design. Part 2: System specification	1977
19770085315	Evaluation of the Thiokol TE-M-700 (star 30, S/N PV16-1376) solid-propellant rocket motor at simulated altitude conditions	1977
19770085316	SEP applications and systems design update: PLUS, payload utilization of SEPS, study extension	1977
19770085317	Evaluation of the Thiokol TE-M-640 (ALTAIR) solid-propellant rocket motor (S/N E-28) at simulated altitude conditions	1977
19770085318	Experimental investigation and numerical prediction of a laminar axially-symmetric hydrogen-oxygen diffusion flame	1977
19770085319	Nonmetallic materials design guidelines and test data handbook, revision H, addendum 1	1977
19770085320	Effect of phenols on thermal stability of jet fuels	1977
19770085322	Design, fabrication and test of a lightweight shell structure. Phase 3	1977
19770085323	NASA manufacturers' codes	1977
19770085324	HEAO-B hazard analysis summary	1977
19770085325	SMMR simulator: A multifrequency microwave radiometer system. Addendum 1	1977
19770085328	SRB heat shield model fluctuating pressure test and full scale design requirements	1977
19770085329	Thermal model for the Advanced Atmospheric Sounder and Imaging Radiometer (AASIR)	1977
19770085330	Study of cryogenic cooling techniques for cooling tunable diode lasers on infrared heterodyne radiometer	1977
19770085331	Research study to determine feasibility of cooling the Laser Heterodyne System (LHS) with a LIMS type cooler	1977
19770085333	Space information systems operation quality/reliability program plan	1977
19770085335	Continuum modeling of three dimensional truss like discrete structures	1977
19770085338	Ocean temperature scanner experiment	1977
19770085339	Program on state agency remote sensing data management	1977
19770085347	A generalized computer program for trace contaminant control	1977
19770085348	Satellite power systems (SPS) concept definition study	1977
19770085349	Satellite Power Systems (SPS) concept definition study	1977
19770085350	Analysis of data from the accelerated test program on aerospace nickel-cadmium cells	1977
19770085351	Study to determine the aquatic biological effects on the Solid Rocket Booster (SRB)	1977
19770085353	Gravitational field models of the Earth required for search and rescue mission	1977
19770085354	Early stages in the evolution of the Earth's atmosphere and hydrosphere	1977
19770085355	Integrated operation of a Bosch-based oxygen recovery system	1977
19770085356	Data processing in the ITP era	1977
19770085357	A user's guide to the Program Library of Utilities for Scheduling (PLUS)	1977
19770085358	Gravitationally Stabilized Satellite Solar Power Station (GSS2PS)	1977
19770085359	LEP generalized spectral analysis system	1977
19770085360	Integrated planning support functions (study 2.7). Volume 1: Executive summary	1977
19770085361	Integrated planning support functions (study 2.7). Volume 2: Study report	1977
19770085362	IRC + 10216: An evolving infrared source	1977
19770085363	M17: An HII region imbedded in a molecular cloud	1977
19770085364	Decameter-wave radio observations of Jupiter during 1976 apparition	1977
19770085365	The planet Mars	1977
19770085366	Mariner 10 near-Venus magnetic field and trajectory data with bibliography	1977
19770085367	A brief summary of the solar maximum mission	1977
19770085368	The study of radiation environment in orbit of the Apollo applications satellites	1977
19770086385	Pilot user development program	1977
19770086627	Translations on USSR sciences and technology: Physical sciences and technology, GUO no. 3/77	1977
19770086628	France: Nuclear, missile, and space developments, GUO no. 421	1977
19770086629	Meteorology and hydrology, GUO no. 9, 1976	1977
19770086630	Effects of non-ionizing electromagnetic radiation	1977
19770086631	Translations on USSR science and technology: Physical sciences technology (GUO-1/77)	1977
19770086632	Translations on USSR science and technology: Biomedical sciences (GUO-2/77)	1977
19770086639	Japan: Nuclear, missile, space, and defense developments GUO no. 249	1977
19770086642	Translations on USSR science and technology: Biomedical sciences, GUO 1/77)	1977
19770086645	Translations on USSR science and technology (GUO-2/77)	1977
19770086646	High power laser thermonuclear installation Delfin	1977
19770086664	Analysis of Apollo-16 and Skylab UV camera data	1977
19770086667	Collaborative OSO-8 studies in wave propagation	1977
19770086874	Translations on USSR science and technology. Physical sciences and technology	1977
19770087177	Japan: Nuclear, missile, space and defense developments, GUO no. 250	1977
19770087178	Translations on USSR resources (GUO 3/77)	1977
19770087179	Translations on USSR science and technology biomedical sciences (GUO 3/77)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770087180	Japan: Nuclear, missile, space, and defense developments, GUO no. 251	1977
19770087181	Translations on USSR resources, (GUO 4/77)	1977
19770087182	Translations on USSR science and technology physical sciences and technology (GUO 4/77)	1977
19770087183	Soviet-American environmental protection cooperation	1977
19770087184	Meteorology and hydrology no. 10, 1976	1977
19770087185	Translations on USSR science and technology: Physical sciences and technology (GUO 6/77)	1977
19770087186	Translations on USSR science and technology: Biomedical sciences (GUO 4/77)	1977
19770087187	Japan: Nuclear, missile, space, and defense developments, GUO no. 252	1977
19770087188	Study of the stress sensitivity of the coercive force of micron size Ba-ferrite and BiMn particles	1977
19770087205	Viking program extended mission	1977
19770087214	Image intensifier tube observations of the OH airglow during the space shuttle simulation	1977
19770087378	Translations on USSR science and technology biomedical sciences (GUO 5/77)	1977
19770087379	Space biology and aerospace medicine, volume 10, no. 6, 1976	1977
19770087380	Translations on USSR science and technology: Physical sciences and technology, GUO 7/77	1977
19770087381	Meteorology and hydrology, no. 11, 1976	1977
19770087382	Translations on USSR science and technology biological sciences (GUO 6/77)	1977
19770087383	Japan: Nuclear, missile, space and defense developments, GUO no. 253	1977
19770087971	Translations on USSR industrial affairs (GUO 2/77)	1977
19770087972	Translations on USSR science and technology: Physical sciences and technology (GUO 8/77)	1977
19770087973	France: Nuclear, missile, and space developments (GUO 422)	1977
19770087974	Translations on USSR science and technology: Physical sciences and technology (GUO 9/77)	1977
19770087975	Translations on USSR science and technology biomedical sciences (GUO 8/77)	1977
19770087976	Basic principles and methods of processing military information on a digital computer	1977
19770087977	Japan: Nuclear, missile, space, and defense developments GUO no. 249	1977
19770087978	Translations on USSR science and technology biomedical sciences (GUO 7/77)	1977
19770087979	Translations on USSR science and technology: Physical sciences and technology (GUO 10/77)	1977
19770088052	Economics of producing items from plastics	1977
19770088193	Translations on USSR science and technology: Biomedical sciences (GUO 10/77)	1977
19770088194	Translations on USSR science and technology biomedical sciences (GUO 9/77)	1977
19770088197	Translations on USSR science and technology: Physical sciences and technology	1977
19770088198	Translations on USSR science and technology: Physical sciences and technology (GUO 13/77)	1977
19770088205	Study and Analysis of Low Cost Practices for Space Systems	1977
19770088209	Japan: Nuclear, missile, space, and defense developments, GUO no. 250	1977
19770088409	Aerothermodynamic data base monthly data file contents report	1977
19770088591	Manufacturing methods report on gyro-optics assembly for spinning mass seekers	1977
19770088592	Manufacturing methods and technology for spinning mass implemented terminal homing seekers	1977
19770088597	Components and subassemblies of gyroscopic instruments, part 1	1977
19770088598	Components and subassemblies of gyroscopic instruments, part 2	1977
19770088599	Components and subassemblies of gyroscopic instruments, part 3	1977
19770088608	Evaluation of two precision automatic tracking systems, Yuma Proving Ground, Arizona, October-November 1976	1977
19770088636	Real or complex number system for planimetric block adjustment	1977
19770088637	Oblique shading with a black-and-white plotter	1977
19770088657	Translations on USSR science and technology biomedical sciences (GUO 12/77). Effects of nonionizing electromagnetic radiation	1977
19770088658	Translations on USSR science and technology: Biomedical sciences, GUO 13/77	1977
19770088659	Clinical rheography	1977
19770088662	Edge roll and earcup assemblies for custom-fitted helmets	1977
19770088676	Computer technology in industrial management	1977
19770088696	Translations on USSR science and technology: Physical sciences and technology (GUO 15/77)	1977
19770088729	NASA-ASEE Summer Institute, 1976	1977
19770088750	France: Nuclear, missile, and space developments, GUO no. 423	1977
19770088751	Japan: Nuclear, missile, space, and defense developments (GUO no. 257)	1977
19770088758	Aerodynamic and thermal performance characteristics of supersonic-x type decelerators at Mach number 8	1977
19770088760	Wind tunnel tests of 1/9-scale YF-16 and F16A/B models at Mach numbers from 0.6 to 2.0	1977
19770088761	Aft-fuselage and aft-nacelle aerodynamic characteristics of a 0.06-scale, strut-mounted B-1 model including simulated jet effects at Mach numbers from 0.7 to 2.2	1977
19770088821	Operational test 2A, AH-1 low glare canopy	1977
19770088822	Agility test of the OH-58C and UH-1H	1977
19770088829	YAV-8B corrosion prevention and control plan	1977
19770088830	YAV-8B Preliminary electrical load analysis	1977
19770088835	YAV-88 flight and ground loads design criteria report	1977
19770088838	Evaluation of single engine catapult launch capabilities of the EA-6B airplane	1977
19770088862	Evaluation of the modified ARU-11/A attitude director indicator ADI	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770088866	Flight test evaluation of improved jet phase 2 vertical gyro	1977
19770088869	Aircraft Propulsion Subsystems Integration (APSI) powder metal turbine blades materials development report	1977
19770088873	Design, fabrication and development testing of a fluidic speed limiter for the f-14A ECS air cycle machine	1977
19770088882	Operational test and evaluation of the F-4E number 18 air-to-ground flight simulator	1977
19770088892	PATRIOT, volume 1: Engineering development summary report	1977
19770088903	Force development testing and experimentation of direct support level TOW maintenance comparing an augmented contact shop set access with the TOW Field Test Set (TFTS)	1977
19770088932	Qualification test of the thiokol TE-M-616-05 solid-propellant rocket motor at simulated altitude conditions. (Phase 2: Motor preconditioned at 110 F)	1977
19770088936	Life evaluation of monopropellant hydrazine thrusters	1977
19770088945	Fabrication of fibrous carbon insulation	1977
19770088954	Oxyacetylene flame-cutting alloy titanium	1977
19770088955	Corrosion protection provided by water-base fire-resistant hydraulic fluids	1977
19770088964	Metallurgical investigation of collapsed containment vessel shell	1977
19770088965	Fatigue properties of aluminum, steel, and titanium alloy stiffened panels	1977
19770088998	Radiation from the plume of multinozzle rocket engines burning gaseous propellants at high simulated altitudes	1977
19770089007	An airborne radar Doppler processing philosophy	1977
19770089008	Aircraft nulling antenna concepts for jam-resistant secure voice communications	1977
19770089016	Expanded Dynamic Range A/D converter system (EXPAD) development	1977
19770089017	Raytheon model T-201, FM telemetry transmitter spectrum utilization characteristics	1977
19770089019	Operational evaluation of the AN/ARC-159(V) UHF and AN/URC-94(V) VHF/HF radio sets in boats/craft	1977
19770089024	First article testing of radio transceiver AN/GRC-171	1977
19770089037	TEAL wing IMP: Study upon the use of charge-coupled devices (CCDs) for interference mitigation	1977
19770089046	L-band solid state technology program	1977
19770089081	Standardization of pulse-forming generators	1977
19770089094	Shock hazard analysis of lossy filters	1977
19770089103	Liquid filled ac filter capacitors in applications where electrical and environmental requirements are severe	1977
19770089150	LSI digital arrays for equipment development	1977
19770089176	Theoretical evaluation of the air defense laser rangefinder, December 1976	1977
19770089177	Laser designator/weapon system simulation program GLLD, LTD and MULE pointing and tracking tests, volume 2	1977
19770089234	Meteorology and hydrology, no. 12, 1976	1977
19770089235	Meteorology and hydrology, no. 1, 1977 (GUO)	1977
19770089238	Tactical Remote Sensor System (TRSS)	1977
19770089241	Electrical Power Sources Division	1977
19770089247	Deep submergence aspects of lithium-seawater power cell	1977
19770089258	A general hypothesis test for the adjustment results of repeated measurements	1977
19770089265	Kansas City air route traffic control center weather unit test	1977
19770089268	Translations on USSR science and technology: Biomedical Sciences (GUO 14/77)	1977
19770089271	Physiology of man	1977
19770089272	Translations on USSR science and technology: Biomedical sciences (GUO 11/77)	1977
19770089273	USSR and eastern Europe scientific abstracts: Biomedical and behavioral sciences, no. 67	1977
19770089275	Shipboard technical evaluation of the SOMAT Corporation Navy model 5 food waste disposal system	1977
19770089277	Operational evaluation of lightweight aircrew helmets	1977
19770089288	Spectrometer signal processing	1977
19770089290	On one property of condition equations	1977
19770089294	Translations on USSR science and technology: Physical sciences and technology (GUO 14/77)	1977
19770089295	Translations on USSR science and technology: Physical sciences and technology (GUO 17/77). Research papers on Soviet fusion reactor design	1977
19770089296	Translations on USSR science and technology: Physical sciences and technology, GUO 16/77	1977
19770089297	Translations on USSR science and technology: Physical sciences and technology (GUO 18/77)	1977
19770089304	The 3-5 micron inverted heterojunction mosaic array	1977
19770089305	Color displays for training devices	1977
19770089307	Feasibility study of a FLIR/imaging seeker system	1977
19770089333	Liquid crystal phase shifter	1977
19770089335	Japan: Nuclear, missile, space, and defense developments (GUO no.256)	1977
19770089336	The work unit data system: The ORAE program and the task description sheets	1977
19770089340	Regional Technology transfer program	1977
19770089352	AVSCOM maintenance operating and support cost model	1977
19770089353	YAV-8B schedule of structural work report	1977
19770089355	Aerodynamic characteristics of a rotating combined effects bomblet at wind velocities from 75 through 200 ft/sec	1977
19770089356	The interaction of compartment interior materials with fuel fires: Materials' testing	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089366	Guidance and control simulation notebook. Part 1: Interim user's and maintenance manual	1977
19770089386	Bibliography of joint aircraft survivability/vulnerability reports and related documents	1977
19770089394	Vulnerability assessment for dc power subsystem. Addendum I: Detailed upset analysis	1977
19770089400	Operational test II (OT II) of the improved main rotor blade (IMRB) for the AH-1 helicopter	1977
19770089401	Contractor's high angle of attack demonstration of the TA-7C airplane	1977
19770089402	Structural analysis of the Mark 7 jet blast deflector operating mechanism for the CVN-68, revision B	1977
19770089403	Flight demonstration of the High Altitude Supersonic Target (HAST)	1977
19770089404	F-111F/SUU-21A compatibility evaluation	1977
19770089405	Remotely piloted vehicle investigation: Adjustment of indirect artillery fire (RPVI-AIAF)	1977
19770089412	Vulnerability assessment for AN/TGC-29(V) teletypewriter set. Volume 2: System description	1977
19770089418	YAV-8B structural description	1977
19770089420	Vulnerability assessment for wing anti-icing system. Volume 2: System description	1977
19770089421	GPU-2/A aircraft gun pod 100,000-round performance and life test	1977
19770089422	Vulnerability assessment for ARC-58 miscellaneous components. Volume 2: System description	1977
19770089423	Vulnerability assessment for aerial refueling system. Volume 2: System description	1977
19770089424	EC-135 EMP assessment program pre-test analysis. Volume 2: Damage analysis, group I	1977
19770089456	Vulnerability analysis of the soviet MIG-21MF FISHBED J, MIG-25 FOXBAT, and SU-19 FENCER A aircraft to various 30mm, 35mm, and 40mm projectiles (U)	1977
19770089463	The F-15A follow-on operational test and evaluation. Annex J: DR corrective actions (U)	1977
19770089464	Vulnerability assessment for AN/TGC-29(V) teletypewriter set. Volume 1: Vulnerability assessment summary (U)	1977
19770089465	Vulnerability assessment for AN/TGC-29(V) teletypewriter set. Volume 3: Analysis data (U)	1977
19770089476	The aircraft noise prediction program, phase 1	1977
19770089483	Lightweight fuel delivery system - phase 2	1977
19770089484	F-89 hydraulic actuator analytical/experimental vulnerability assessment	1977
19770089495	Operational evaluation of the AN/USW-3(V), integrated target control system	1977
19770089499	Design report: Design of a magnetic suspension system for an Annular Momentum Control Device (AMCD)	1977
19770089500	Operational effectiveness evaluation of SECAPEM 90B aerial gunnery target	1977
19770089522	AFWL exoatmospheric EMP/TRE environment simulator facility	1977
19770089524	Performance stability, and control characteristics of the full-scale Navy/Vought TOMAHAWK sea-launched cruise missile (YBGM-110) at subsonic Mach numbers	1977
19770089527	Patriot. Volume 1: Engineering development summary report	1977
19770089552	SWIM concept evaluation study (U)	1977
19770089561	Shuttle-launched spacecraft design options study. Volume 1: Final briefing	1977
19770089562	Shuttle-launched spacecraft design options study. Volume 2: Technical report	1977
19770089563	Shuttle-launched spacecraft design options study. Volume 2: Technical report, appendix E	1977
19770089568	Spacecraft charging summary and recommendations	1977
19770089607	Metals and Ceramics Information Center current awareness bulletin, no. 9	1977
19770089608	Seawater corrosion behavior of copper-nickel alloys CA 719 and CA 715	1977
19770089610	Hot corrosion and mechanical properties of alloy C103	1977
19770089614	An investigation into the use of iron alloys as an alternative material for rotating bands	1977
19770089620	Qualification of MIL-L-23699B aircraft turbine engine oil MOBil XRM 249A	1977
19770089621	Reentry Vehicle Materials Technology (REVMAT) Program. Fine weave pierced fabric carbon preform fabrication	1977
19770089660	CCD arrays and support equipment	1977
19770089665	Computer programs for analyzing FLAMR data	1977
19770089666	Interference mitigation techniques program	1977
19770089668	Airframe excitation of helicopters for high frequency communication	1977
19770089673	Bistatic scattering from terrain	1977
19770089674	Bistatic scattering from terrain: A review of theory	1977
19770089679	ARC-89. Addendum 3: Amplifier AM 6078 test report	1977
19770089680	CCD radar processor development	1977
19770089682	AN/ARC-164 radio evaluation	1977
19770089742	On-board data processing for advanced BMD application (U)	1977
19770089758	ECCM findings (U)	1977
19770089767	High power microwave transistor	1977
19770089772	A frequency modulated instrumentation system for high-explosive ground motion, airblast, and structure response tests	1977
19770089783	Low-cost microwave integrated circuit components	1977
19770089786	Integrated thermoelectric devices manufacturing methods study	1977
19770089787	Integrated circuits for radiation-hardened systems: A state-of-the-art review	1977
19770089788	High-performance, low-power bulk CMOS/LSI fabrication technology	1977
19770089790	Ku-band solid-state amplifier	1977
19770089791	Extremely high-current injection modeling of semiconductor devices	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770089800	Force and heat-transfer results from the SAMSO/AVCO transition trip study (TDV) at the UKF tunnel F	1977
19770089803	Heat-transfer and static stability tests of a 7.5-deg blunt cone with roughness elements and sonic jets to promote boundary-layer transition at Mach number 10	1977
19770089810	Go-power dynamometer, DT-1000 (semiportable)	1977
19770089818	Short-pulse CO2 laser transmitter investigation	1977
19770089823	Design feasibility study of a high energy photo-initiated CO2 electric discharge laser (SIMPLEX DEMO)	1977
19770089825	Quad laser warning receiver test, White Sands Missile Range, New Mexico	1977
19770089827	Mixing nozzle gas dynamic laser performance investigation	1977
19770089829	Meteorological sensitivity study on high energy laser propagation	1977
19770089831	Laser Digest, summer 1976	1977
19770089832	Force development testing and experimentation, laser rangefinder sight for the M203 grenade launcher	1977
19770089841	CALIBER 2: The BMDATC laser applications code. User's manual (U)	1977
19770089852	The rolling resistance of a full size hunter wheel in leighton buzzard sand and on grass strips using the heavy load friction vehicle	1977
19770089869	Automatic contour drafting with portrayal of terrain irregularities and digital terrain model	1977
19770089875	First results from the new tide gravimeter at the potsdam gravimetric observatory	1977
19770089876	Potential-theory fundamentals of an inverse problem of geophysics	1977
19770089879	Variation of the earth's pole and speed of rotation	1977
19770089882	On computing variations of the earth's atmospheric masses	1977
19770089883	Translations on USSR science and technology: Biomedical sciences (GUO 17/77)	1977
19770089886	Translations on USSR science and technology: Biomedical Sciences (GUO 16/77)	1977
19770089887	Translations on USSR science and technology: Biomedical sciences (GUO 15/77)	1977
19770089889	Evaluation of CWU-481P summer flying coverall	1977
19770089892	A review of human operator models in manual control systems	1977
19770089894	Report of the Flight Environment Working Group of Planning Group for Integration of Tri-Service Life Support and Protective Clothing and Equipment RDT and E	1977
19770089895	Submarine atmosphere source control: 'Brolite A788-66 Splash Zone,' analysis of	1977
19770089901	Adjustment of independent observation equations with minicomputers	1977
19770089904	Instrumentation development of graphic analysis/presentation system	1977
19770089912	PUFF74: A material response computer code, volume 1	1977
19770089914	Process Design Methodology (PDM) design specification. Volume 1: Process design language. revision 3	1977
19770089916	The role of modern potential theory in the theory of inverse problems	1977
19770089917	The shortest distance of a point from an ellipsoid of rotation	1977
19770089928	Translations on USSR science and technology technology: Physical science and technology (GUO 19/77)	1977
19770089929	Translations on USSR science and technology: Physical sciences and technology (GUO 21/77)	1977
19770089930	Translations on USSR science and technology: Physical sciences and technology (GUO 20/77)	1977
19770089943	MARSAM II TV modification	1977
19770089944	Low cost arrays for the detection of infrared LADIR, phase 1	1977
19770089946	High resolution wavelength conversion	1977
19770089959	Critical Optics Technology (COT) (U)	1977
19770089960	Optics technology measurement plan. Evaluation criteria for measurement program elements (U)	1977
19770089975	Development of alternative approaches to a small scale solid waste transfer/resource recovery station for Navy installations	1977
19770089980	France: Nuclear, missile, and space developments, GUO no. 424	1977
19770089985	Aerodynamic loads and separation trajectories for several stores with the F-15 aircraft at Mach numbers from 0.6 to 1.3	1977
19770089986	Aerodynamic characteristics of the AGM-65A Maverick missile in the flow field of the F-4 aircraft at Mach numbers from 0.7 to 1.2	1977
19770089989	Customer test for external air transport of the Nike Hercules warhead section (M74) in the M409 container	1977
19770089990	Development test 2 of navigational set, position fixing, LORAN AN/PSN-6V	1977
19770089991	Safety engineering plan Landing Signal Officer (LSO) Heads-Up Display (HUD) console Mk 1 Mod O	1977
19770089997	Operational test and evaluation experimental FLIP charts	1977
19770090010	Projective shields for containment of ejected fan blades in F-14A aircraft	1977
19770090011	F-5E flight director computer evaluation (F-5E/F Peace Hawk IV)	1977
19770090013	Performance evaluation of Vertical Ejection Rack (VER)	1977
19770090014	Test plan, air combat fighter F-16 operational test and evaluation	1977
19770090015	Limited Navy technical evaluation of a tanker configured S-3A airplane	1977
19770090020	An evaluation of nozzle concepts to increase jet entrainment for ejector augmenters	1977
19770090025	AV-8A manned simulation low speed uncommanded roll study	1977
19770090027	Hard flush aircraft shelter (test model design and prototype conceptual study)	1977
19770090028	Aircraft shelter conceptual study	1977
19770090029	AN/TSW-10 and AN/USW-4 drone control sets and AN/DKW-2 and AN/DKW-3 drone control transponder sets: Navy technical evaluation	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090030	NAVSTOLAND (Navy vertical takeoff and landing) simulation: Capabilities assessment and plans for improvement	1977
19770090031	AV-8A emergency recovery capability	1977
19770090032	C-135B simulator visual subsystem operational test and evaluation	1977
19770090033	Development test III (PVG) shelter, expandable for Shop, portable, aircraft maintenance (SPAM)	1977
19770090036	Space programs	1977
19770090044	Wideband survivable satellite modem definition	1977
19770090045	Ballistic missile defense advanced technology center. Advanced research center (ARC)	1977
19770090047	High-Altitude Attitude Determination System star sensor study (HAADS)	1977
19770090048	Approach and landing test configuration inspection report	1977
19770090054	PATRIOT. Volume 1: Engineering development summary report	1977
19770090055	CADET 3-doe exo-atmospheric interceptor analysis program user's and operator's manual	1977
19770090056	Statistical analysis for guidance experiments: Exo-atmospheric interceptor studies	1977
19770090079	Malfunction investigation of LAW (Light Antitank Weapon) motor failure	1977
19770090080	Low cost motor demonstration program, volume 1	1977
19770090088	Origin of macroscopic inclusions in the bottom of forging ingots of vacuum-degasified steel	1977
19770090093	MNOS reliability and process research	1977
19770090094	Explosion-bulge testing of HY-130 steel extrusions	1977
19770090101	Fleet performance of a seawater emulsifying, noncorrosive, hydraulic and lubricating fluid	1977
19770090207	Ramjet fuel studies. Part 3: Liquid hydrocarbons	1977
19770090208	The 300-LBF long life monopropellant design criteria	1977
19770090215	Bi-static radar study	1977
19770090216	A portable CW radar signal processor for foliage penetration applications	1977
19770090219	NAP-of-the-earth communications (NOE COMMO) system	1977
19770090225	Translations on telecommunications policy, research and development. GUO-1/77	1977
19770090226	Translations on telecommunications policy, research and development (GUO77)	1977
19770090228	High power transistor combining networks	1977
19770090229	Manufacturing methods and technology measure for improved 18mm microchannel plates with solid border, phase 2, appendix D	1977
19770090234	Radiation-hardened CMOS/SOS standard cell circuits	1977
19770090239	Advanced electron device technology	1977
19770090240	Experimental study of an underexpanded, supersonic nozzle exhausting into an expansive launch tube	1977
19770090242	A digital, dual-range, portable gamma survey meter incorporating dose measurement	1977
19770090243	Use of probes embedded in gas filters to determine the time for filter replacement	1977
19770090244	Dye laser module	1977
19770090245	High energy laser test facilities at White Sands Missile Range, New Mexico, October - December 1976	1977
19770090246	On the ignition and ensuing behavior of laser supported combustion waves	1977
19770090247	Laser system reliability	1977
19770090249	Advanced DF/CO2 transfer laser	1977
19770090253	Chemical laser diffuser/ejector development	1977
19770090254	Chemical laser diffuser/ejector technology. Phase 1B: Detailed engineering design	1977
19770090258	Structural materials for the AiResearch centrifugal oil/water separator	1977
19770090259	Evaluation of the Garrett-AiResearch model IPS/C50 centrifugal oil/water separator	1977
19770090260	Flux-cored arc welding, the process and its applications	1977
19770090261	Program on state agency remote sensing data management	1977
19770090265	Investigation of oblique shocks and edge effects for underground targets. Volume 1: Oblique shocks	1977
19770090275	Flight test and evaluation of Honeywell helmet mounted sight for TOW configured Iranian AH-1J	1977
19770090278	Towards a machine-independent transport section	1977
19770090279	Magnetic bubble mass memory	1977
19770090280	User's manual for SEMPEX: A computer code for extracting complex exponentials from a time waveform	1977
19770090282	Towards the design of a super-language of ALGOL 68 for the standard prelude	1977
19770090283	The formal design and analysis of distributed data processing systems	1977
19770090284	Adaptive control over extended targets	1977
19770090285	Estimation of a covariance matrix and test of its identity with a given matrix	1977
19770090286	Numerical aspects of least-squares interpolation	1977
19770090288	Demonstration in a physics course - demonstration of the properties of Young's boundary wave	1977
19770090289	Translations on USSR science and technology: Biomedical sciences (GUO 18/77)	1977
19770090290	Translations on USSR science and technology: Physical sciences and technology (GUO 22/77)	1977
19770090291	Translations on USSR science and technology: Physical sciences and technology (GUO 23/77)	1977
19770090294	E-Beam diagnostics power supply designs for the proof of principle experiment	1977
19770090297	Development of a 0.9 micron wafer intensifier tube	1977
19770090298	Selection of mathematical models of target acquisition by electro-optical systems	1977
19770090300	Program plan for large deployable optics	1977
19770090301	Liquid phase epitaxial development of (Hg, Cd)Te	1977
19770090303	Status Report no. 50, 1 December 1976 - 28 February 1977	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090307	France: Nuclear, missile, and space developments (GUO no. 425)	1977
19770090308	Japan: Nuclear, missile, space, and defense developments	1977
19770090311	The dynamic response of wings in torsion at high subsonic speeds	1977
19770090315	Aerodynamic loads and separation trajectories of various weapons from the F-16 aircraft at Mach numbers from 0.5 to 2.0	1977
19770090318	Free-stream aerodynamic characteristics and installed store loads (on the F-15 aircraft) of the supersonic rocket launcher (U)	1977
19770090320	AMST grid tiedown pattern study	1977
19770090321	Analysis of MTMC participation in the REFORGER 76 exercise	1977
19770090322	Aerodynamic characteristics of a B-1 ejection seat escape system with rocket plume simulation at Mach numbers from 0.6 through 1.5	1977
19770090324	Loran C/D ground chain climatic test	1977
19770090334	Development test 3 (DT 3) production validation test. Government for the Variable Speed Training Target (VSTT) MQM-107. Partial test report for ground test series, air vehicle/ground system integration and climatic environmental tests	1977
19770090335	A rapid estimate of the effect of store separation on ballistics	1977
19770090336	Assessment of RPV concepts, 1977/1978	1977
19770090337	Release delay time study	1977
19770090338	AV-8A element fatigue test program report	1977
19770090339	Y/AV-8B reliability and maintainability status report	1977
19770090340	Advanced airborne command post E4 Government furnished equipment. GFE assessment program	1977
19770090341	Evaluation of wind tunnel test techniques for a fighter-type aircraft model equipped with an enclosed turbine engine propulsion simulator at free-stream Mach numbers from 0.6 to 1.45	1977
19770090343	Customer service test (modifications C, E, and F) of the family of helicopter external slings	1977
19770090345	Initial operational test and evaluation of the F/FB-111 improved bird impact resistant transparencies	1977
19770090347	An annotated bibliography on in-flight refueling	1977
19770090348	Test of MAU-111/B stowage strap	1977
19770090373	Vulnerability assessment for arc-58 miscellaneous components. Volume 1: Vulnerability assessment summary (U)	1977
19770090374	Vulnerability assessment for ARC-58 miscellaneous components. Volume 3: Analysis data (U)	1977
19770090375	Vulnerability assessment for aerial refueling system. Volume 1: Vulnerability assessment summary (U)	1977
19770090376	Vulnerability assessment for aerial refueling system. Volume 3: Analysis data (U)	1977
19770090391	State-of-the-art review: Aircraft gas turbine engines - inlet distortion indices	1977
19770090401	Modern Ramjet engine program. Part 1: Technical summary report (U)	1977
19770090403	Modern Ramjet engine program. Part 2: Detailed data on task 1. Combustor development (U)	1977
19770090407	Systems analyses of a stall/spin research facility using remotely controlled/augmented aircraft models	1977
19770090410	Flight fidelity evaluation of the A-7E Weapons System Trainer (Device 2F111)	1977
19770090411	Seventy-six-foot aircraft hangar (ACH)	1977
19770090426	Intelsat IVA F-4	1977
19770090427	Mission Operation Report: Geostationary Operational Environmental Satellite GOES-B	1977
19770090432	EMC analysis of the global positioning system aboard four developmental test and evaluation aircraft	1977
19770090433	Development test 3 of Air Defense Command and Control System AN/TSQ-73 Missile Minder. Volume 3, appendix B: Test data	1977
19770090434	Experimental static stability, pressure, roll-damping, and three-degree-of-freedom characteristics of recovered ablated nose-tips at Mach numbers 2, 4, and 5	1977
19770090435	Free flight rocket technology program flight analysis FFR numbers 6 and 7	1977
19770090437	Research in reentry physics	1977
19770090438	Analysis and redesign of MICOM in-house digital autopilot for the revised THAD terminal homing missile	1977
19770090441	Force development testing and experimentation evaluation of improved positions for TOW	1977
19770090442	Pseudo noise processor for application in a missile guidance system	1977
19770090443	Test and Evaluation Directorate's support to the TOW Project Office	1977
19770090455	Follow-on operational test and evaluation of the A-6E SHRIKE automatic delivery capability OPNAV report symbol 396-12 (U)	1977
19770090469	Operational evaluation of the AIM-9H SIDEWINDER with lead bias (U)	1977
19770090489	SAC GLORY TRIP 131M SAMTEC operation 8717. LGM-30F operational test phase 2 program, launch number 30 (U)	1977
19770090495	Flight test of DME guided GBU-15 cruciform wing weapon (U)	1977
19770090497	Analysis of the performance of the Dragon and TOW weapon systems and the AN/TAS-3, 4, and 5 night vision devices in a smoke environment (U)	1977
19770090506	Flight experiment definition of an annular Suspension and Pointing System (ASPS)	1977
19770090512	The development of a compression amplifier for use in surface missile telemetry applications	1977
19770090517	The 1976 JANNAP Propulsion Meeting. Addendum: Bulletin contents and indexes	1977
19770090535	Influence of materials construction variables on the rain erosion performance of carbon-carbon composite, heat shields and radome materials	1977
19770090540	Operational test and evaluation aircrew/passenger seat cover fabric	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090543	The structural change of Incoloy 800 type alloys at high temperature and its effects on mechanical characteristics	1977
19770090550	Stopping cracks in titanium	1977
19770090556	Evaluation of conformal coatings for microelectronic circuitry in fuze applications	1977
19770090571	Evaluation of smoke suppressant fuel additives for jet engine test cell smoke abatement	1977
19770090583	Journal of Naval Science, volume 3, no. 1, January 1977 (U)	1977
19770090584	Mineral resources of the oceans and ocean floor their origin, distribution and importance	1977
19770090585	Investigation of post weld heat treatment cracking in Hiduron 191 using optical and electron microscopy	1977
19770090586	Electrocution its effects and prevention	1977
19770090587	A revolutionary development in rotating bearings	1977
19770090590	Time analysis of vocal interaction: A report on methodology	1977
19770090591	DATAKOM 1976: Results of a survey of computer/communications facts and opinions	1977
19770090592	Phase-locked loop sweep acquisition	1977
19770090594	Performance comparison of bipolar alternate mark inversion and conditioned diphase waveforms over wireline media	1977
19770090595	Performance study of SLR change analysis systems	1977
19770090597	Electromagnetic interference (EMI) report on: Pirmasens AAF, Germany, Landstuhl AAF, Germany, Baumholder AAF, Germany, Giessen AAF, Germany, Buedingen AAF, Germany	1977
19770090598	HF, high power, directional rotary-wing aircraft antenna	1977
19770090599	Technical evaluation of solid state precision radar set AN/MPN-23 V	1977
19770090600	PT-300 solid-state vhf/fm Baker-Charlie radio	1977
19770090601	T-605/ARC-58 transmitter	1977
19770090602	Reliability analysis and evaluation of contractor and government testing of radio set AN/PRC-70 during the engineering development phase	1977
19770090603	High thermal conductivity microwave substrates	1977
19770090604	Automatic Radar Tracking (ART) phase B DT/E test report	1977
19770090606	Cost factors associated with emp hardening of phased array radars	1977
19770090607	EC-135 EMP assessment program, system pneudraulic system, system description	1977
19770090610	Reconsideration of the target detection criterion based on adaptive antenna polarizations	1977
19770090629	Quiet radar antenna (U)	1977
19770090631	EA-6B ALQ-99 bands 7/8/9 wide beam antenna evaluation (U)	1977
19770090650	Rationale for advanced Precommit technology. Volume 1, phase 1: Summary (U)	1977
19770090664	BMDTP MSR Meck mission report mission WTR-5184 (U)	1977
19770090670	Systems technology program fragment wake modeling (U)	1977
19770090671	Development of active RCS reduction techniques (U)	1977
19770090677	Translations on telecommunications policy, research and development (GUO 3/77)	1977
19770090687	Engineering evaluation of the prototype Bendix 12.5 KVA Variable Speed Constant Frequency (VSCF) generating system, P/N 41B15-4-A	1977
19770090690	Project briefs (active projects)	1977
19770090691	Project briefs (completed projects supplement 20)	1977
19770090693	Development test 3 of generator sets, 30-kw, 400-Hz, precise	1977
19770090695	High-current injection modeling of semiconductor devices	1977
19770090700	Development of a standardized coaxial magnetron, phase 1	1977
19770090702	Relay upset susceptibility test report	1977
19770090703	Advanced electron device technology	1977
19770090723	Qualification testing of Bendix static dc voltage regulator	1977
19770090724	Performance evaluation of custom integrated circuit four channel amplifier	1977
19770090729	Quiet radar antenna investigation (U)	1977
19770090733	ECCM enhancement for TACAN (U)	1977
19770090737	Development program for a KA-band space qualifiable TWTA (U)	1977
19770090747	Laser pump lamp	1977
19770090748	Preliminary static field tests of a 10.6-micron laser beamrider guidance data link	1977
19770090749	Investigation of HF/DF chemical laser physics	1977
19770090750	Advanced sensor concepts	1977
19770090751	Predetection compensation imaging theory. HEL pointing and tracking	1977
19770090752	Predetection compensation imaging theory. Volume 2: Turbulence effects related matters	1977
19770090763	Continuous terminal homing program (U)	1977
19770090771	Advanced irdome material development (U)	1977
19770090776	Ballistic perforation by fragments of arbitrary shape	1977
19770090781	Sources of noise in geared machinery	1977
19770090791	Automatic control of vibration protective systems	1977
19770090792	Vibration testing of automation elements and devices	1977
19770090793	Meteorology and hydrology, no. 2, 1977	1977
19770090794	User test of topographic support system, reproduction subsystem, camera module	1977
19770090795	Reconnaissance information (RECON) system test and implementation plan (PT)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090802	Procure and evaluate the Delta Electronic Control Corporation, P/N 61104, 4 ampere dc-to-dc boost converter	1977
19770090804	Some guidelines for the planning and programming of facilities applications of solar energy	1977
19770090806	P-3 battery flight evaluation	1977
19770090814	Translations on USSR science and technology: Biomedical sciences (GUO 19/77)	1977
19770090815	Translations on USSR science and technology: Biomedical sciences (GUO 28/77)	1977
19770090816	Translations on USSR science and technology: Biomedical sciences (GUO 21/77)	1977
19770090818	Aviation medicine: Its clinical applications	1977
19770090821	Blood viscosity and hemodynamics in low flow states	1977
19770090824	Quantify student performance in current undergraduate pilot training, annex A	1977
19770090825	Night only computer generated imagery visual system test, annex B	1977
19770090826	Quantify student performance in undergraduate pilot training, annex D	1977
19770090829	Onboard oxygen generation using praseodymium-cerium oxides	1977
19770090830	Test and evaluation of aviation gloves	1977
19770090831	Required operational capability for individual night-vision goggles	1977
19770090838	A standardized automatic data processing system conversion cost program	1977
19770090839	Experiment systems division HP3000 operations handbook	1977
19770090841	General On-Line Display System (GOLDS). User's manual	1977
19770090843	User's guide to FORTRAN and block-structured language extensions (FABLE)	1977
19770090844	Analysis and synthesis of a logical servocontrol circuit by binary analysis methods	1977
19770090845	Narrowband digital voice processing: PLPC versus LPB LPC cost and time comparisons	1977
19770090849	Translations on USSR science and technology: Physical Sciences and technology no. 11	1977
19770090850	Translations on USSR science and technology: Physical sciences and technology (GUO 24/77)	1977
19770090851	Translations on USSR science and technology: Physical sciences and technology (GUO 25/77)	1977
19770090852	Translations on USSR science and technology: Physical sciences and technology (GUO 26/77)	1977
19770090862	Sum rules for vector meson-nucleon scattering from the generalized vector meson dominance model	1977
19770090864	Manportable common thermal night sight, AN/TAS-4 (TOW) operational test II: Phase 2: Test Design Plan (TDP) for MCTNS OT II, phase 2	1977
19770090865	Results of field experiments concerning visibility of objects	1977
19770090866	Low scatter mirrors and baffles for infrared applications	1977
19770090867	User's guide FLIR mathematical model, modification 2	1977
19770090868	FLIR mathematical model, modification 2	1977
19770090869	Operational test (other) (training) of TOW Missile Sight Video Camera System and Gunner Accuracy Control Panel as a Cobra/TOW in-flight gunnery training device	1977
19770090879	Operational test I (OT I) of Dragon night tracker (U)	1977
19770090890	Small signal GaAs FET problems	1977
19770090894	Lateral-collection IR detectors	1977
19770090896	Streamlined program management: Is it an endangered species	1977
19770090914	Solid waste disposal by landspreading techniques	1977
19770090918	France: Nuclear, missile, and space developments (GUO no. 426)	1977
19770090921	Force and moment characteristics of a matrix of ogive cylinder configurations at Mach numbers from 1.5 to 4.0	1977
19770090922	Aerodynamic loads and separation characteristics of the B-43, B-61, B-77, and SRAM weapons in the presence of the B-1 aircraft at Mach numbers from 0.6 to 2.0	1977
19770090928	Comparative performance of the P-3C aircraft with the T56-A-14 and a growth version of the T56 engine	1977
19770090929	Compilation of abstracts on completed Test, Experimental, and Development (TED) projects	1977
19770090930	In-flight safing and arming device. Volume 2: Reference material	1977
19770090931	In-flight safing and arming device. Volume 1	1977
19770090932	OV-10 starter/generator EMI tests	1977
19770090933	T-2 starter tests	1977
19770090934	Test comparison of the saddle lug and bail lug store suspension and release systems	1977
19770090935	Advanced predicted fire control study	1977
19770090936	Past, present, and future requirements for weather reconnaissance aircraft	1977
19770090937	Innovative aircraft design study. Task 2: Nuclear aircraft concepts	1977
19770090939	Low Life Cycle Cost Avionics (LLCCA). Volume 3: Costs	1977
19770090954	Range control tower altitude estimating device	1977
19770090955	Undergraduate Pilot Training-Instrument Flight Simulator (UPT-IFS) scheduling analysis	1977
19770090956	Console operator and console station evaluation, annex E	1977
19770090957	Required Operational Capability (ROC) no. LOG 1.16 helicopter expedient refueling system	1977
19770090964	Study of electron accelerator experiments for AMPS using subsatellites as detectors	1977
19770090967	EC-135 EMP assessment program, pre-test analysis, volume 9: POE coupling, part 2	1977
19770090971	DSP satellite/STS transition study	1977
19770090972	Test plan, B-52D/GBU-15 PWW initial operational test and evaluation	1977
19770090975	Advanced ICBM guidance, MX and MARV: A life-cycle cost study	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770090976	Thermal/acoustic Generator Exhaust Signature Suppressor (GESS) development for 60 KW diesel electric generators (U)	1977
19770090979	The search for Prognoz 4	1977
19770090980	Compensated imaging system design and performance	1977
19770090984	Description and analysis of kilowatt isotope power systems (KIPS) under development for space application in the 1980's	1977
19770090994	Directional solidification alloy development	1977
19770091010	Determination of equation of state for liquid monopropellant. Nos-365	1977
19770091015	Airborne noise reduction of a 36-foot class V oil skimmer craft	1977
19770091025	Analytical optimization of the total pulsed electric discharge laser system	1977
19770091026	EC-135 EMP assessment program, pre-test analysis. Volume 9, part 1. Poe coupling	1977
19770091027	Report of electromagnetic compatibility (EMC) testing of the BGM-34C system	1977
19770091028	The effect of tropospheric refraction on HF propagation	1977
19770091031	Miniature antenna processor	1977
19770091032	Millimeter radar test program	1977
19770091036	Developmental test and evaluation detailed test plan for radar set AN/TPS-59 (engineering development model)	1977
19770091038	MADI: A computer code of systems generated electromagnetic pulse (SGEMP) calculations in one dimension	1977
19770091039	Packet radio communications	1977
19770091041	Translations on telecommunications policy, research and development (GUO 4177)	1977
19770091044	A reliability study and investigation of complementary MOS/SOS integrated-circuit technology	1977
19770091049	Reliability considerations of beam lead microcircuits	1977
19770091050	Engineering evaluation of Bendix P/N 39B169-4-A, 1000 Va, single phase, static inverter	1977
19770091051	Proposed laboratory vibration test for aircraft generators and constant speed drives	1977
19770091052	General Electric A-4M 20 KVA variable speed constant frequency power generating system, accelerated flight service evaluation	1977
19770091057	High frequency CCD's	1977
19770091061	Block oriented random access memory test and evaluation	1977
19770091065	Semiautomated transient thermal impedance system	1977
19770091066	Model LS-410 laser illuminator,	1977
19770091069	Laser digest - Fall 1976	1977
19770091070	Advanced development model of the remotely Piloted Vehicle (RPV) training laser, February - March 1977	1977
19770091071	Evaluation of the prototype MAGLAD I laser	1977
19770091073	Laser window surface finishing and coating science	1977
19770091074	Theoretical hazard analysis of the infrared aiming light, AN/PAQ-4, laser, March 1977	1977
19770091075	Evaluation of air defense weapon simulator lasers for the Vulcan/Chapparral systems, 16-17 February 1977	1977
19770091076	Small lightweight ALL mirrors, Addendum 1	1977
19770091077	Small lightweight ALL mirrors	1977
19770091090	PUFF 74: A material response computer code, volume 2	1977
19770091093	A revised model of the electron density in the lower ionosphere	1977
19770091094	Application of long-base radio interferometry for geodetic purposes (orthogonal triangulation)	1977
19770091095	Taking into account the motion of the earth's poles in the investigation and operation of gyrotheodolites	1977
19770091096	Oceanographic systems program	1977
19770091098	A cumulative oxygen toxicity index allowing for the regression of effects at low inspired oxygen partial pressures	1977
19770091099	Translations on USSR science and technology: Biomedical sciences (GUO 23/77)	1977
19770091100	Translations on USSR science and technology: Biomedical Sciences (GUO 22177)	1977
19770091101	Survey of piloting factors in fixed-wing, V/STOL aircraft design	1977
19770091102	Advanced scout helicopter man-machine interface investigation	1977
19770091103	Medical assessment of acoustic protective devices proposed for use in a prototype mechanized infantry combat vehicle	1977
19770091105	Translations on USSR science and technology: Physical Sciences and Technology (GUO 27/77)	1977
19770091114	Japan: Nuclear, missile, space, and defense developments, GUO no. 259	1977
19770091115	France: Nuclear, missile, and space developments, GUO no. 427	1977
19770091120	Flight behavior test of 155mm XM687E1 and XM718E1 and 8-inch XM650E4, PXR6231, XM711 and XM736 shell at Nicolet, Canada, during the winter of 1975-76	1977
19770091126	Midair collision prevention on VFR low altitude training routes	1977
19770091127	Air national guard major aircraft accident boards	1977
19770091142	Operational test III of radio beacon set AN/TRN-30 (V)1 (V)2	1977
19770091143	Rocket-sled and centrifuge tests of the Advanced Tactical Inertial Guidance System (ATIGS)	1977
19770091144	The F-4E AN/ARN-101-navigation and weapon delivery system, volume 1 (U)	1977
19770091158	Journal of Naval Science, volume 3, number 2	1977
19770091159	Leak detection of helicopter main rotor blades	1977
19770091160	The interservice hovercraft (trials) unit, part 3	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091191	YAV-8B structural description	1977
19770091192	F-14A fire protection test program, Jan. - Aug. 1976	1977
19770091193	An updated summary of aeronautical systems target models for vulnerability analysis	1977
19770091194	F-15 improved 20-mm gun system test	1977
19770091195	Effect of Mach number, temperature, pressure and nozzle height above impingement on wall jet velocity decay	1977
19770091196	YAQM-37A target missile flight performance, flights from 10 Aug. 1976 - 11 Dec. 1976	1977
19770091198	A-37 follow-on operational test and evaluation (FOT and E) (U)	1977
19770091203	Vulnerability assessment for inertial navigation subsystem. Addendum 2: Test report (U)	1977
19770091206	Vulnerability assessment for extended mission oil system (U)	1977
19770091207	Vulnerability assessment for wing thermal anti-icing system. Volume 1: Vulnerability assessment summary (U)	1977
19770091208	Vulnerability assessment for wing thermal anti-icing system. Volume 3: Analysis data (U)	1977
19770091209	EC-135 EMP assessment program, engine fuel system EMP threshold analysis (U)	1977
19770091210	EC-135 EMP assessment program, engine instrument systems EMP threshold analysis (U)	1977
19770091211	The EC-135 EMP assessment program electrical power system EMP threshold analysis (U)	1977
19770091212	The EC-135 EMP assessment program, private interphone system, AN/AIC-23 EMP threshold analysis (U)	1977
19770091213	The EC-135 EMP assessment program altimeters, EMP threshold analysis (U)	1977
19770091214	The EC-135 emp assessment program staff interphone system, AN/AIC-18, EMP threshold analysis (U)	1977
19770091215	The EC-135 EMP assessment program, J-4 compass system EMP threshold analysis (U)	1977
19770091219	Poise sensor design evaluation study	1977
19770091220	Reliability and maintainability test and evaluation of p-3B TAC/NAV MOD system	1977
19770091221	Avionic information processing system design methodology	1977
19770091237	Pre-product verification tests of the f101-GE-100 turbofan engine (engine S/N 470-017/4) (U)	1977
19770091243	Aircraft longitudinal ride-bumpiness: An application of statistical discrete gust theory	1977
19770091247	Demonstration of runway cratering by gun projectiles, rocket warheads and rokeye bombs	1977
19770091248	Forklift, rough-terrain, helicopter-transportable, 4000 pound capacity truck	1977
19770091332	GOES-B/GOES-2 post launch	1977
19770091334	The future role of missile flight simulation	1977
19770091339	Communication satellites 1958 to 1980	1977
19770091341	Wind tunnel tests of a full-scale air-launched cruise missile with an installed turbofan engine (U)	1977
19770091344	Stinger Cost and Operational Effectiveness Analysis (Stinger COEA) (U)	1977
19770091355	Satellite component sensitivity study. Volume 1: program overview (U)	1977
19770091356	Satellite component sensitivity study. Volume2: Technical results (U)	1977
19770091358	Space transportation system payload utilization model. Volume 1: Final requirements specification document	1977
19770091359	Space transportation system payload utilization model. Volume 2: User's manual	1977
19770091360	Space transportation system utilization program. Volume 3: Interactive ground operations program. User's manual	1977
19770091361	Space transportation system utilization program. Volume 4: Interactive manifest analysis and fast program	1977
19770091362	Space transportation system utilization program, volume 5	1977
19770091395	Vibration testing of Thiokol Chemical Corporation FLTSATCOM Apogee Kick Motor TE-M-364-19 (System S/N 19006 0-2)	1977
19770091396	High-pressure performance studies, phase 3 (U)	1977
19770091397	Low cost motor demonstration program, volume 2 (U)	1977
19770091398	Metals and Ceramics Information Center current awareness bulletin, no. 10	1977
19770091399	Metals and Ceramics Information Center current awareness bulletin, no. 7	1977
19770091400	Metals, Ceramics, Composites Issue no. 13	1977
19770091408	Numerical analysis of mass loss and residual damage from particle impacts on GE2-2-3, addendum (U)	1977
19770091409	Snow erosion tests of CERA materials in the hyperballistic range, phase 2 (U)	1977
19770091415	EC-135 EMP assessment program UHF radio receiver AN/ARR-71-EMP threshold analysis (U)	1977
19770091435	Nickel electroplated nonconductive materials for rain erosion protection	1977
19770091459	On the mechanism of tensile fracture in notched fibre reinforced plastics	1977
19770091478	Infrared output from flames jellied Up-type fuels (U)	1977
19770091483	NASA composite index of specifications	1977
19770091514	E-3A Airborne Warning and Control System (AWACS). Follow-on Operational Test and Evaluation (FOT and E), phase 1	1977
19770091515	Radar cross section measurements on a model of the thrusting replica decoy vehicle	1977
19770091516	Acousto-optic processor for simultaneous spatial and spectral analysis	1977
19770091517	AN/PRC-104 HF/SSB manpack radio set	1977
19770091518	Bi-static radar study	1977
19770091519	An analysis and simulation of the SEDAT detection capability	1977
19770091520	Feasibility evaluation of an integrated acoustic communications system in the S3A aircraft	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091522	The Naval modular automated communications system: an application of computer technology to shipboard record information processing, distribution and transfer	1977
19770091524	HF, high power, directional rotary wing aircraft antenna	1977
19770091525	Experimental investigation of very high frequency slot Antenna on M-60A-1 tank	1977
19770091528	Operational evaluation of the AN/WLR-8(V)4 ESM system (U)	1977
19770091529	Design and first implementation of an interactive display handler for an AEW radar simulation (U)	1977
19770091536	The 8- to 12-micrometer infrared signature of the ALCM missile in wind tunnel tests (U)	1977
19770091537	Long range sensor study (U)	1977
19770091538	Translations on telecommunications policy, research and development (GUO 7/77)	1977
19770091551	Design automation for VLSI	1977
19770091552	Procurement and evaluation of ELDEC 4-134 battery charger system	1977
19770091559	Tape chip carrier for hybrid microcircuits	1977
19770091560	Investigation of the AMF electrosystems A-7 generator control unit model CSV 1357-6	1977
19770091565	Low band dual mode TWT (U)	1977
19770091567	Translations on telecommunications policy, research and development	1977
19770091568	Translations on telecommunications policy, research and development. Need for electronics industry plan for Italy	1977
19770091581	The Stanford gyro relativity experiment	1977
19770091587	Volume reflecting coating for laser hardening (U)	1977
19770091588	Intermediate test facility nozzle assembly	1977
19770091589	Solid fluorine reactant lasing demonstration	1977
19770091590	Repetitively pulsed chemical laser program	1977
19770091592	Laser designator/weapon system simulation program GLLD, LTD and MULE pointing and tracking tests, volume 1 (U)	1977
19770091593	Operational test 2 of Laser Target Designator (LTD), AN/PAQ-1, when used with airborne laser tracker, AN/AAS-32 (U)	1977
19770091600	Inspection comparison test of tank, collapsible, fabric, 10,000-gallon, POL	1977
19770091602	Perforation equations for tungsten alloy fragments	1977
19770091603	Fuel consumption predictions for advanced marine gas turbine concepts	1977
19770091605	High deposition rate welding with a seamless flux-cored electrode	1977
19770091621	Topographic data bank	1977
19770091623	Energy storage system	1977
19770091625	The 77 deg K miniature modified stirling refrigerator program	1977
19770091628	Investigation and development of a pilot scale high temperature solar device with a 10-meter concentrator diameter	1977
19770091630	Translations on environmental quality (GUO6/77)	1977
19770091636	A coordinated unified and specified weather support plan	1977
19770091637	Meteorological support for US Navy EO weapon system (U)	1977
19770091640	Finite amplitude wave refraction	1977
19770091641	Preliminary selection of anchor systems for OTEC	1977
19770091653	Dependence of human weight loss on spaceflight duration	1977
19770091669	OFO-A conclusive report	1977
19770091676	Translations on USSR science and technology. Biomedical sciences (GUO 25/77)	1977
19770091678	Translations on USSR science and technology. Biomedical sciences (GUO 24/77)	1977
19770091682	Operational evaluation of the CWU-21/P ventile anti-exposure suit	1977
19770091683	Modified Stokes rescue litter	1977
19770091684	Study of reactive materials for development of new protective clothing concepts	1977
19770091687	Analysis of Apollo 16 and Skylab UV camera data	1977
19770091691	Pattern matcher development study	1977
19770091692	The 'artificial intelligence' and psychology	1977
19770091696	The computation of the pseudoinverse with the aid of an additive modified matrix	1977
19770091697	Translations on USSR science and technology: Physical sciences and technology (GUO 29/77)	1977
19770091698	Translations on USSR science and technology: Physical sciences and technology	1977
19770091699	Translations on USSR science and technology: Physical sciences and technology (GUO 30/77)	1977
19770091710	Inorganic high IR reflecting black pigment	1977
19770091711	Development test III (PVT-G) of (hot brick) AN/ALQ-147 () infrared jammer for ON-1 () aircraft and countermeasures test set AN/ALM-166	1977
19770091712	Development of focal plane multiplexer	1977
19770091715	Spiral scan seeker (U)	1977
19770091721	New crystals developed at Fian	1977
19770091727	The Air Force office of the 1980s: A systems approach	1977
19770091729	System and mass storage study for Defense Mapping Agency Topographic Center (DMATC/HC)	1977
19770091731	Air sovereignty--today and tomorrow	1977
19770091733	UW biomedical applications team	1977
19770091734	Scientific and technical progress under conditions of specialized series production	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091737	Planetary astronomy program	1977
19770091738	Note on astronomic refraction	1977
19770091748	Apollo-Soyuz X-Ray Observations (MA-048)	1977
19770091749	France: Nuclear, missile, and space developments, GUO no. 428	1977
19770091750	France: Nuclear, missile and space developments, GUO no. 429	1977
19770091751	YAV-8B corrosion prevention and control plan, revision A	1977
19770091753	Wind-tunnel investigation of full-scale semispan helicopter with several missile stores	1977
19770091757	Wind tunnel experiments on the effect of combustion in the wake region of supersonic projectiles, test series 3	1977
19770091758	An analog computer investigation of the effects of tow point location of the TDW-29/B tow target lateral dynamic response	1977
19770091759	Development of operational techniques for insulative X-24C Thermal protection system TPS	1977
19770091760	Air assault: A concept for employing Marine Corps forces by long range air transport	1977
19770091761	An evaluation of deployment concepts for tactical airlift forces	1977
19770091762	Evolution of airlift doctrine	1977
19770091765	RACG INS (Radiometric Area Correlator guidance inertial navigation subsystem/ developmental flight test, Volume 1	1977
19770091766	RACG INS (Radiometric Area Correlator guidance internal navigation subsystem) developmental flight test, volume 2	1977
19770091767	Sperry laser gyro navigation system	1977
19770091768	Development test 2 of lightweight Doppler navigation system AN/ASN-128	1977
19770091769	Technical evaluation of TACAN navigation set An/TRN-41	1977
19770091774	A history of the use of the TA-4F aircraft in the tactical air coordinator (airborne) role in the war in Southeast Asia	1977
19770091778	Surveillance: Fleet-returned M1A2 thrusters	1977
19770091781	Proposed solution to prevent loss of pilot and rescue door on H-2 helicopter	1977
19770091782	Proposed solution to prevent panel losses such as the oil filler panel on the H-3 helicopter	1977
19770091783	Proposed solution to prevent loss of cargo door escape hatch on the H-3 helicopter	1977
19770091784	Proposed solution to prevent loss of upper personnel door and to improve ventilation in cabin of H-3 helicopter	1977
19770091785	Proposed solution to prevent loss of pushout windows on H-53 helicopter	1977
19770091786	New bonding systems for depot maintenance of aircraft honeycomb structures. Part 3: Evaluation of processing variables on the durability of bonded joints	1977
19770091787	F-14A airplane spoiler gearing change carrier suitability evaluation	1977
19770091790	Reliability and maintainability evaluation of the A-7 airborne light optical fiber technology system	1977
19770091792	EC-135 EMP assessment program, pre-test analysis. Volume 5, group 4 of 4: Damage analysis	1977
19770091793	AFDT and E A-10A store certification tests	1977
19770091794	Aircraft subsystem standardization: A management dilemma	1977
19770091795	The future aerial refueler: modified KC-135 or ATCA	1977
19770091796	Grease lubrication of helicopter transmissions, part 2	1977
19770091798	Flight test of the Ballistic Dispensing System (BDS) on the F-4 aircraft	1977
19770091799	F-4E improved 20-mm gun system test	1977
19770091801	The first LYnx helicopters come off the assembly line	1977
19770091803	F-15 AFDT and E air-to-air gunnery evaluation, volume 1	1977
19770091805	Measurement of in-flight vibration and temperature levels pertinent to A-4M self-contained starter	1977
19770091806	Aircraft structural design handbook for lower cost maintenance and repair	1977
19770091808	MSFR flight test program (U)	1977
19770091809	P-3 aircraft weapon system product improvement AN/ALR-58, AN/AAR-40, and OA-8770 electromagnetic compatibility evaluation (U)	1977
19770091810	Vulnerability assessment for keyer control C-8942/ARC-89(V). Addendum 4: Detailed analysis (U)	1977
19770091811	Navy technical evaluation of engineering change proposal 1120 omnibus changes on the A-4M airplane, AN/AVQ-24 HUD (U)	1977
19770091813	GIANT SWITCH II. B-52 automated offset unit FOT and E (U)	1977
19770091814	Follow-on operational evaluation of the GPU-2/A 20mm aircraft gun pod (U)	1977
19770091815	Follow-on operational evaluation of the AH-1T helicopter (OPNAV report symbol 3960-12) (U)	1977
19770091816	Vulnerability evaluation for option list items (U)	1977
19770091817	Vulnerability evaluation for option list items. Addendum 1: EMP/TRE upset screen (U)	1977
19770091818	Vulnerability assessment for AN/USC-28(V) control indicator C-10118. Addendum 1: Detailed damage analysis (U)	1977
19770091819	Vulnerability assessment for An/ART-47 UHF transmitter. Addendum 2: Upset test report (U)	1977
19770091820	Vulnerability assessment for KY-801/GSC encoder-decoder (U)	1977
19770091821	Vulnerability evaluation for upset screen mission equipment (U)	1977
19770091822	Vulnerability assessment for TRW Spread Spectrum Modem Processor (SSMP). Volume 1: Vulnerability assessment (U)	1977
19770091823	Vulnerability assessment for An/ARR-71 UHF receiver. Addendum 2: Upset test report (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770091824	AN/ARC-58 R-761 radio receiver test report (U)	1977
19770091825	Vulnerability evaluation for missing avionics items. Part 2 (U)	1977
19770091826	Vulnerability assessment for engine N1 tachometer system (U)	1977
19770091827	Vulnerability assessment for AC power subsystem components. Addendum 1: Detailed upset analysis (U)	1977
19770091828	Vulnerability assessment for ARC-89 subsystem. Addendum 1 (U)	1977
19770091829	Vulnerability assessment for KY-801/GSC encoder-decoder. Addendum 1: Detailed upset analysis (U)	1977
19770091830	Vulnerability assessment for TRW Spread Spectrum Modem Processor (SSMP). Volume 2, part 2: System description (U)	1977
19770091831	Vulnerability assessment for Ka band communication system support equipment (U)	1977
19770091832	Vulnerability assessment for TRW Spread Spectrum Modem Processor (SSMP). Volume 2, part 1: System description (U)	1977
19770091833	Vulnerability assessment for TRW Spread Spectrum Modem Processor (SSMP). Volume 3, part 1: System analysis (U)	1977
19770091834	Vulnerability assessment for miscellaneous modules of the cabin interphone, central instrument warning, and emergency lighting subsystems (U)	1977
19770091835	Vulnerability assessment for selected ARC-89 subassemblies. Addendum 2: Detailed upset analysis (U)	1977
19770091836	Vulnerability assessment for autopilot/flight director subsystem. Addendum 1: Detailed upset analysis (U)	1977
19770091837	Vulnerability assessment for AN/USC-28(V) SHF Satcom modem subsystem. Addendum 2: Detailed upset analysis (U)	1977
19770091838	Vulnerability assessment for MD-701B Autodin modem. Addendum 1: Detailed upset analysis (U)	1977
19770091840	AIM-7F follow-on operational test and evaluation (U)	1977
19770091841	AIM-7F follow-on operational test and evaluation, annexes A through E (U)	1977
19770091844	Degraded operation of the mark 2 B avionics: An operator oriented course of instruction	1977
19770091852	Qualification verification of electromagnetic industries model 11646-1 underfrequency protector used on F-4 aircraft	1977
19770091854	Installation and test of A-7 airplane jet engine monitor system	1977
19770091865	Design study of a fluidic flight control system	1977
19770091867	Tradoc directed operational test (other) (training) of the Gunner's Accuracy Control Panel (GACP) (airborne) with vehicle MTD infrared transmitter and the TOW Missile Sight Video Camera System (TMSUCS)	1977
19770091868	Can the C-5 flight simulator completely replace the airplane for pilot currency and evaluation flights?	1977
19770091933	Military operational standard spacecraft study. Volume 1: Final briefing	1977
19770091934	Military operational standard spacecraft study. Volume 2: Technical report	1977
19770091935	An outsiders view of the Phoenix/AWG-9 weapon system	1977
19770091936	Fine-weave orthogonal three-dimensional (3D) preforms	1977
19770091937	Open-loop versus closed-loop vulnerability assessments of airborne guided munitions systems	1977
19770091938	Coupled effects technology development study. Volume 3: Coupled particle flowfield interaction and roughness heat transfer	1977
19770091940	Rapid achievability model for an ordered target set	1977
19770091941	Limited testing techniques as a method for determining satellite hardness to SGEMP effects	1977
19770091942	Turbulent near wake modeling analysis for reentry application	1977
19770091943	A rapid atmosphere reentry model for the TRIDENT missile	1977
19770091944	Aerodynamic characteristics of three maneuvering air-to-air missile models at Mach numbers from 0.5 to 1.6	1977
19770091945	Force tests on the simulated staging of a 6 deg cone model at Mach numbers 7.2, 9 and 12	1977
19770091946	Packet network security and PLI	1977
19770091948	Statistical evaluation of experimental data on the braking of artificial Earth satellites	1977
19770091949	Mission 29 (5B) preflight predictions (U)	1977
19770091959	SAC GLORY TRIP 130M, SAMTEC Operation 6680. LGM-30F Operational Test Phase 2 program (U)	1977
19770091960	Effects of space transportation systems on USAF roles and missions	1977
19770091966	Annual report on advanced guidance technology program	1977
19770091968	Translations on USSR science and technology: Physical sciences and technology	1977
19770091996	Explosive hazards of air-launched propulsion systems	1977
19770091997	Qualification test of the Thiokol TE-M-36-4-19 solid-propellant rocket motor (S/N 19006)	1977
19770091998	Analytical study of external-burning propulsion	1977
19770091999	Techroll TVC nozzle program	1977
19770092000	Evaluation of rocket engines for X-24C aircraft	1977
19770092001	Combustor component development. Volume 2, task 3: Nozzle/cavity density study (U)	1977
19770092018	Fretting fatigue resistant coatings for 6AIV4 titanium	1977
19770092023	THE SCC properties of HY-130 steel plate and weldments	1977
19770092033	Report of progress in catapult hydraulic fluid suitability for other Navy systems	1977
19770092034	Evaluation of non-woven cloth produced by the cotton industry	1977
19770092041	Capacity discharge magnetizer Electro Explosive Device (EED) hazards evaluation	1977
19770092042	Survey of electroexplosive devices	1977
19770092045	Function and safety tests of NOS-365 monopropellant	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092046	The qualification of Amatex-20 as an alternate filler for projectiles results of six-month-surveillance, storage, and test of Amatex-20	1977
19770092047	An experiment in the field mixing of bulk explosives	1977
19770092048	Reproducibility of UFAP propellants	1977
19770092050	Development of full-up round altitude function test for production lot acceptance of MK 46 decoy flares (U)	1977
19770092051	Thermal decomposition of liquid monopropellants (U)	1977
19770092066	Radar return investigation of low altitude targets over water	1977
19770092068	EMI survey at Naval Security Group Department, Adak, Alaska	1977
19770092071	Application of PRN phase codes to U.S. BMD radars	1977
19770092075	Digital open-loop sidelobe canceler techniques	1977
19770092082	Spacetime System Corporation modulation technique - laboratory evaluation (tests do not substantiate claims)	1977
19770092083	A comparison of AM versus FM digital techniques for UHF line of sight communications	1977
19770092085	Proposed modification of radio transmitting set AN/URT-23(V) final transformer assembly	1977
19770092086	A transmission line corona experiment	1977
19770092087	Diagnostic computer engine analyzer: An economic analysis for its use in transportation motor pools	1977
19770092089	Development test 3 (PVT-G) of radio beacon set AN/TRN-30(V)I (V)2	1977
19770092090	USAF information engineering: 1990 plus	1977
19770092091	The EC-135 EMP assessment program, radio beacon system, AN/APN-69, System description	1977
19770092095	Advantages offered by wind-band pulse-compression in radars (U)	1977
19770092097	Follow-on operational test and evaluation of the AN/TPB-1B, ground-directed bombing system (U)	1977
19770092098	Multilateration radar demonstration (U)	1977
19770092100	Exercise POLO HAT 77-1 evaluation report (U)	1977
19770092101	Exercise POLO HAT 76-4 evaluation report (U)	1977
19770092102	The EC-135 EMP assessment program, air refueling receiver system EMP Threshold analysis (U)	1977
19770092103	EC-135 EMP assessment program, landing gear system, EMP threshold analysis (U)	1977
19770092104	EC-135 EMP assessment program power plant system. EMP threshold analysis (U)	1977
19770092105	The EMP assessment program, pre-test analysis. Volume 1: Summary and conclusions (U)	1977
19770092106	The EC-135 EMP assessment program, flight controls system, EMP threshold analysis (U)	1977
19770092107	The EC-135 EMP assessment program, secure data system, AN/ARA-60, EMP threshold analysis (U)	1977
19770092108	Vulnerability assessment for Ka band satellite communication terminal, group two. Volume 1: Vulnerability assessment summary (U)	1977
19770092109	Vulnerability assessment for Ka band satellite communication terminal, group two. Volume 2: Assessment of units 10, 2, 2 A1, 3, 3 A1, 4, 5, 6 A1, 6 A2 and 6 A3 (U)	1977
19770092110	Vulnerability assessment for Ka band satellite communication terminal, group 2. Volume 3, part 1: Assessment of units 7 A1, 7 A3, and 7A4 (U)	1977
19770092111	Vulnerability assessment for Ka band satellite communication terminal, group two. Volume 3, part 2: Assessment of units 7 A1, 7 A3, and 7 A4 (U)	1977
19770092112	Vulnerability assessment for Ka band satellite communication terminal, group two. Volume 5, part 2: Assessment of units 9 A1, 9 A2, 9A3, 9 A5, 9 A6, 9 A7, and 11 (U)	1977
19770092113	Vulnerability assessment for Ka band satellite communication terminal, group two. Volume 5, part 1: Assessment of units 9 A1, 9 A2, 9A3, 9 A5, 9 A6, 9 A7, and 11 (U)	1977
19770092117	Computer analysis of the cathode-driven crossed-field amplifier	1977
19770092118	Development of a 0.9 micron wafer intensifier tube	1977
19770092122	Engineering evaluation of Bendix ac generator, model 28B 135-142-A, used on A-7 type aircraft	1977
19770092123	Radiation hardened test structures	1977
19770092127	Engineering evaluations to develop a standard test method for ripple voltage measurements of a DC electric system	1977
19770092128	Investigation of thin-film silicon process for radiation hardened MIS integrated circuits	1977
19770092131	Effects of process variations on total-dose sensitivities of bipolar oxides	1977
19770092134	Solid-state KA-band amplifier	1977
19770092135	Electronic Subsystem Analysis (ESA)	1977
19770092136	Manufacturing methods and technology measure for improved 18mm microchannel plates with solid border, phases 1 and 2 (U)	1977
19770092141	Industrial experiences with Heller system air cooled condenser installations and development directions in air cooling for large power stations	1977
19770092149	Multispectral capability of H and W film (photographic technology series)	1977
19770092151	Design studies, Garrett-Airesearch IPS/C50 oil/water separation system	1977
19770092152	Investigations into Kirlian photography	1977
19770092155	Mosaic sensor program: Concept definition phase IA. Volume 3: Aerojet internal communication documentation (CONT) (U)	1977
19770092156	Mosaic sensor program: Concept definition phase IA. Volume 4: SWIR and MWIR focal plane phase IA definition studies (U)	1977
19770092157	Rough surface scattering code (ROSSCO) user's manual. Volume 1: Program description	1977
19770092158	Rough surface scattering code (ROSSCO) users manual. Volume 2: Code ROSSCO users' manual	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092161	Air Force Laser 11 resonator optical system	1977
19770092162	Turbopump technology for laser systems	1977
19770092164	A study of polycrystalline halides for high power laser applications	1977
19770092166	Agile beam lidar study	1977
19770092168	Delayed Failure in CYD znSe	1977
19770092170	AFWL-I, laser signature and its effects on adaptive optical systems (U)	1977
19770092173	Development test II (PQT-G) of laser designator tracker system, AN/UAS-8, volume 1 (U)	1977
19770092174	Development test II (PQT-G) of laser designator tracker system, AN/UAS8, volume 2 (U)	1977
19770092176	Airborne Laser Laboratory system optical quality study. Volume 1: Optical integration analysis (U)	1977
19770092177	Airborne Laser Laboratory system optical quality study. Volume 2, part 1: Appendix A: Data summary (U)	1977
19770092178	Airborne Laser Laboratory system optical quality study. Volume 2, part 2: Appendix A: Data summary (U)	1977
19770092183	Physical principles of processing of materials with laser beams	1977
19770092189	Evacuated load-bearing high performance insulation study	1977
19770092195	Design, fabricate, test and evaluate a subscale free planet transmission	1977
19770092209	The shock and vibration bulletin (U)	1977
19770092215	Comparison of several simplified techniques for sizing domestic hot water solar systems in Raleigh, North Carolina	1977
19770092216	Procurement of general electric air-cooled nickel-cadmium batteries	1977
19770092233	Analysis of slope stability, wedge method using head profiles to model uplift pressures	1977
19770092242	Meteorology and hydrology, no. 3, 1977 (GUO)	1977
19770092247	Translations on USSR science and technology: Biomedical sciences	1977
19770092249	Military Medical Journal, no. 1	1977
19770092250	Training the vestibular analyzer and methods of evaluating its effectiveness	1977
19770092251	Dynamics of age-related changes in blood cholesterol in airplane pilots	1977
19770092252	Military medical journal, no. 2	1977
19770092253	Effect of aircraft noise on the human body	1977
19770092254	Physiological changes in pilots of ship-based helicopters	1977
19770092255	Tolerance of fliers with peptic ulcer for moderate hypoxia	1977
19770092256	Diagnostic significance of pruritus in decompression sickness	1977
19770092262	Crew motion design criteria handbook	1977
19770092267	Adaptive V and V	1977
19770092268	Pacific Missile Test Center automatic data processing review summary report. ADP and RURS study findings summary	1977
19770092275	Advanced software quality assurance	1977
19770092277	High order language standardization: Perspective, summary and annotated bibliography	1977
19770092280	ACSC handbooks of statistical/analytical techniques	1977
19770092281	Supporting the fighter force of the future	1977
19770092282	The impact of technology on the future tactical air control system	1977
19770092290	Optical sensor calibration and performance testing requirements study. Volume 1: Program summary	1977
19770092291	Optical sensor calibration and performance testing requirements study. Volume 2: Deficiency analysis	1977
19770092292	Optical sensor calibration and performance testing requirements study. Volume 4: Existing capability evaluation	1977
19770092294	Periscope for the ground laser locator designator	1977
19770092296	Airborne optical tracking	1977
19770092298	Development of focal plane technology for thermoelectrically (TE) cooled applications; Volume 1	1977
19770092299	Modulation on transfer function measurement system	1977
19770092315	Radiation and charge transport in SiO2	1977
19770092319	Quarterly report, FY77 (April - June 1977)	1977
19770092320	Program practices analysis	1977
19770092321	A case study on the procurement of the procurement of the F-14	1977
19770092322	Implementing life cycle cost: A financial managers role	1977
19770092325	International law, ADIZ'S and the legal actions of interceptor aircrews	1977
19770092327	A regional technology transfer program	1977
19770092329	Exclusion zones: A new policy initiative for space defense	1977
19770092337	France: Nuclear, missile, and space developments	1977
19770092338	Maintenance capability computation	1977
19770092339	Low-cost aircraft structural repair and maintenance study	1977
19770092344	Flow-field, aerodynamic loads, and separation trajectory tests on the 0.0417-scale GBU-15 (CWW) weapon with the F-111 aircraft model at Mach numbers from 0.40 to 1.60	1977
19770092345	Vortical wake hazard advisory	1977
19770092348	Aerodynamic and separation characteristics of 0.04167-scale GBU-15 (DWW) guided weapon configurations with the F-111 aircraft at Mach number from 0.65 to 1.60	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092349	Supersonic aerodynamic characteristics of the active laser seeker ALS configuration of a proposed maneuvering air-to-air missile design (U)	1977
19770092351	Impulse noise measurement of the ESCAPAC IG4 and IG5 emergency escape system installed in the TA-7C aircraft	1977
19770092352	Initial operational test and evaluation of NEACDS (Naval Emergency Air Cargo Delivery System)	1977
19770092353	NAVSTAR global positioning system shipboard demonstrations. Phase 1 test plan preliminary	1977
19770092354	Navigation and geodesy	1977
19770092356	MIRADCOM/AFATL hybrid simulation facility compatibility study	1977
19770092357	In-flight transfer alignment of inertial navigation systems	1977
19770092358	Phase correlation for terminal homing. Phase 1: Automatic rectification	1977
19770092360	Verification rocket firing for development model attitude heading reference system	1977
19770092364	Memory augmentation for DME navigation (U)	1977
19770092365	EC-135 EMP assessment program UHF navigation system AN/ARN-72 EMP threshold analysis (U)	1977
19770092371	Effect of windshield gold coating on F-111 radar cross section, annex D (U)	1977
19770092375	F-4E AN/ARN-101 Navigation and weapon delivery system, volume 2 (U)	1977
19770092376	LAMPS MK III H-3/extended mission test and evaluation effort (U)	1977
19770092377	F-15A verification test and evaluation in Europe. Test plan (U)	1977
19770092382	Helicopter/fighter evasive maneuvers follow-on simulation study (U)	1977
19770092384	Vulnerability evaluation for missing avionics items. Addendum 1: EMP/TRE upset screen (U)	1977
19770092386	Preliminary aircraft/advanced weapons system integration on the F-15 aircraft (U)	1977
19770092387	Vulnerability assessment for engine exhaust gas temperature system (U)	1977
19770092388	Vulnerability assessment for UHF/FM nationwide element. Addendum 1: Detailed upset analysis (U)	1977
19770092389	Vulnerability assessment for inertial navigation subsystem. Addendum 1: Detailed upset analysis (U)	1977
19770092390	Vulnerability summary for minimum assessment GFE systems (U)	1977
19770092391	Vulnerability evaluation for missing avionics items. Part 1 (U)	1977
19770092393	Miniature kill vehicle BMD technology program. Volume 2: Supporting technical data, book 2 (U)	1977
19770092394	Miniature kill vehicle BMD technology program. Volume 2: Supporting technical data, book 1 (U)	1977
19770092395	Dual cockpit VTAS. VTAS design and development program, volume 1	1977
19770092400	RE-4C AN/ARN-101 digital avionics (U)	1977
19770092401	Initial operational evaluation of LAMPS Mk III H-3/EM (extended mission) (U)	1977
19770092405	Contingency power study	1977
19770092407	Model J79-GE-10 smoke reduction/improved life engine flight evaluation	1977
19770092408	Altitude performance of the F101-GE-100 turbofan engine (PV engine S/N470-0) (U)	1977
19770092410	Performance evaluation and calibration of seven F107-WR-100 flight engines (U)	1977
19770092411	Modern ramjet engine program. Part 3: Task 2 freedet vehicle tests (U)	1977
19770092416	The use of auxiliary damper units to control cable impact tensions in aircraft arresting gears	1977
19770092418	A thermochemical analysis of high temperature neutralization of explosive residue in target vehicles	1977
19770092455	Navy communications	1977
19770092456	Air flow feasibility and requirements study	1977
19770092458	Missile guidance design and costing analysis application of gps to tactical weapon guidance. Volume 3: Cost	1977
19770092461	Summary of minuteman hardness maintenance experience	1977
19770092462	Stinger cost and operational effectiveness analysis (Stinger COEA). Volume 6: Manpads cost addendum (U)	1977
19770092463	AIM-9L sidewinder follow-on operational test and evaluation plan (FOT and E, phase 1) (U)	1977
19770092464	Development test 3 of air defense command and control system AN/TSQ-73 (Missile Minder), volume 1 (U)	1977
19770092465	Development test 3 of air defense command and control system AN/TSQ-73 (Missile Minder) (U)	1977
19770092466	Development test 3 of air defense command and control system AN/TSQ-73 (Missile Minder). Volume 4: Appendices A and C through I (U)	1977
19770092467	Passive IR terminal homing techniques with array scanners: Initial test results (U)	1977
19770092468	Government lot acceptance test of shrike AGM-45A missile guidance sections -3, -3A, -4, and -6 (U)	1977
19770092471	The pacific GAPFILLER transition test (U)	1977
19770092472	Functional tests and parameter verification of redevy guidance sections from shelf life test program (U)	1977
19770092485	Cosmos 862 chronology (U)	1977
19770092498	Advanced designation, discrimination and tracking techniques (U)	1977
19770092500	Operational evaluation of the AIM-9L SIDEWINDER missile (U)	1977
19770092501	F-4G advanced wild weasel initial operational test and evaluation (U)	1977
19770092502	Laser effects in the Walleye seeker (U)	1977
19770092507	Aerothermodynamic data base, phase C: Data file	1977
19770092513	Mathematical study of the telemetry Doppler system	1977
19770092514	Obtaining Doppler data from an unstable transmitter	1977
19770092549	Sidewinder rocket motor Mark 36 mod 6 first article testing	1977
19770092550	Plume interference prediction (pip) code: Maintenance manual and operator's manual, volume 2	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092552	Design characteristics and performance of a 500-LBF-thrust rocket engine using chlorine trifluoride and monomethyl-hydrazine propellant	1977
19770092556	Vulnerability assessment for interface modem AN/USC-28. Detailed damage analysis (U)	1977
19770092557	Plume interference (U)	1977
19770092558	Laboratory measurements of infrared plume signatures at simulated high altitude (U)	1977
19770092561	Pitch Fiber orthogonal three - dimensional (3D) preform	1977
19770092563	Hardness assessment of composite closures	1977
19770092564	Aerolastic tailoring of advanced composite structures for military aircraft. Volume 2: Wing preliminary design	1977
19770092575	Evaluation of the vanadium effect on steel weldability examined by the implant test	1977
19770092578	Fabrication techniques for thin gage aluminum high-performance ships	1977
19770092588	Exploratory development of heat resistant polymers for aircraft windshield canopy assemblies	1977
19770092589	A thickener for GD (U)	1977
19770092594	Detonation trap development study	1977
19770092597	Development of an exploding bridgewire detonator for use in the Picatinny Arsenal detonation trap	1977
19770092598	Refractory ceramics from rare-earth tungstates	1977
19770092604	Absolute and relative accuracy in measurement	1977
19770092605	Fire suppression: Why not water	1977
19770092606	Conductive flooring for Naval Ordnance Facilities	1977
19770092611	CCD radar processor development	1977
19770092613	Product improvement test of radio terminal sets AN/TRC-117/151	1977
19770092614	EC-135 EMP assessment program, airspeed indicator system, EMP threshold analysis	1977
19770092617	Watkins-Johnson receiver WJ-940 first article examination. Volume 1: Test report, failure analysis	1977
19770092618	LPI and AJ modulation quality factors	1977
19770092619	Main beam distortion effects of near-field ship structures on antenna performance	1977
19770092620	Assessment of MOM techniques for shipboard applications	1977
19770092621	VLF/LF modem performance in atmospheric noise. Volume 2: User's guide	1977
19770092623	Operational evaluation of the AN/URC-93(V) 1K(V2) and 1M(V4) Navy growth radios	1977
19770092625	Adaptive signal processing for terminal BMD radars (U)	1977
19770092630	Navy Long Wave Propagation Center TACAMO performance predictions in the Atlantic and Mediterranean TACAMO 4-B/VERDIN supplement (U)	1977
19770092634	Stationary target detection and classification studies (U)	1977
19770092638	ECM/ECCM evaluation program. Volume 4: Advanced antenna design (U)	1977
19770092651	HCA radar studies (U)	1977
19770092672	ECM/ECCM evaluation program. Volume 1: Summary (U)	1977
19770092673	Preliminary threat definition (U)	1977
19770092679	EMP assessment program, airborne launch control center, AN/ASW-28, EMP threshold analysis (U)	1977
19770092680	A laboratory experiment with low-rate convolutional codes for burst-interference mitigation (U)	1977
19770092683	Vulnerability assessment for UHF communications subsystem ARR-71/ART-47. Addendum 1: Detailed upset analysis (U)	1977
19770092684	Required Operational Capability (ROC) family of radio centrals	1977
19770092685	Translations on telecommunications policy, research and development, GUO 8/77	1977
19770092690	Hybrid microcircuit in-process qualification	1977
19770092691	Materials for MOSIS FLIR (monolithic silicon sensor FLIR)	1977
19770092693	Gallium arsenide digital integrated circuits	1977
19770092695	Engineering evaluation of the ELDEC 150 ampere blast cooled converter	1977
19770092696	High-voltage engineering. Chapter 14	1977
19770092698	High efficiency I/J-band traveling-wave tube depressed collector study	1977
19770092699	Solid core round MILES (feasibility tradeoff study)	1977
19770092708	Qualification requirements for thick-film networks	1977
19770092709	High data-rate multiplexer development	1977
19770092714	PIN diode switched dual-mode traveling wave tube (U)	1977
19770092716	High band dual mode TWT development program, phase 4 (U)	1977
19770092717	E-3A study of system modifications to retrofit wideband Twystron (U)	1977
19770092740	Teledyne SDG-5 gyro test	1977
19770092745	Mosaic sensor program: Concept definition phase 1A. Volume 2: Aerojet internal communication documentation (U)	1977
19770092746	Advanced gamma ray spectrometer (U)	1977
19770092751	Agile beam lidar	1977
19770092752	Ultraviolet-initiated CO2 laser research, phase 2	1977
19770092753	Development test II (POT-G) desert phase of hand-held laser range finder, AN/GUS-5	1977
19770092756	Hazard evaluation of the engineering development model of the multiple integrated laser engagement simulator February-March 1977	1977
19770092757	Initial operational evaluation of the A-6E TRAM system (U)	1977
19770092758	Initial operational evaluation of the 8 inch paveway semi-active laser guided projectile weapons system (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092760	Laser-guided bomb/laser designator compatibility study (U)	1977
19770092761	High power window conceptual design (U)	1977
19770092764	Laser and space (U)	1977
19770092766	Laser signature handbook. Volume 3: Speckle effects (U)	1977
19770092767	Laser cross section by range simulation (LCSRS) (U)	1977
19770092776	Optical countermeasures handbook. Volume 4: Predictive modelling for vulnerability analysis (U)	1977
19770092783	Automated assembly fixture drilling	1977
19770092784	The development of closure devices for flexible containers	1977
19770092786	Two-dimensional calculations for the oblique impact of kinetic energy projectiles with a multi-layered target, phase 1	1977
19770092788	Methodology for forging large cast armor preforms	1977
19770092790	Limited design, fabrication and test of a Small Turbine Advanced Gas Generator (STAGG). Volume 1: Gas generator program (U)	1977
19770092791	Limited design, fabrication, and test of a Small Turbine Advanced Gas Generator (STAGG). Volume 2: Derivative turboshaft engines analyses (U)	1977
19770092792	Psychodiagnostic methods (in integrated longitudinal research on students), GUO	1977
19770092794	Procurement of reliable semiconductor piece parts: A case study	1977
19770092796	Fiber/epoxy filament-wound vessel	1977
19770092797	Prediction of crack growth in damage-tolerant design- a basic parametric study	1977
19770092800	Meteorology and hydrology, GUO no. 4, 1977	1977
19770092804	Interpolation by means of control point groups with differing statistical characteristics	1977
19770092808	Development of the 6TN 12 volt, maintenance free battery	1977
19770092809	Development test III of generator sets, 15 kW, 50/60-Hz, utility and 15 kW, 400-Hz, precise	1977
19770092820	Applied geophysics topics	1977
19770092828	Translations on USSR science and technology: Biomedical sciences, GUO 27/77	1977
19770092833	Manipulator arms system	1977
19770092835	Specialized summer clothing for oilfield workers in hot climates	1977
19770092839	Evaluation of flight clothing and equipment effects on pilot accomodation	1977
19770092840	Bio-medical evaluation of the standard M-1 and candidate Personnel Armor System for Ground Troops (PASGT) helmets-safety evaluation for use in airborne operations	1977
19770092841	Man in spacecraft control systems	1977
19770092842	Dynamic analysis laboratory computer system	1977
19770092845	A comprehensive digital flight simulation of the cannon launched guided projectile	1977
19770092850	Some sequential probability ratio test devices	1977
19770092852	Translations on USSR science and technology: Physical sciences	1977
19770092853	Translations on USSR science and technology: Physical sciences and technology GUO-33/77	1977
19770092854	Translations on USSR science and technology physical sciences and technology (GUO 34/77)	1977
19770092865	Hearing protection devices at energy plants	1977
19770092866	Digital cueing, volume 11	1977
19770092867	Digital cueing, volume 1	1977
19770092868	Post-detection digital image processing of simulated compensated and uncompensated object imagery	1977
19770092870	Focal plane CCD for thermoelectrically cooled detector array	1977
19770092871	Development test II of two man-portable common thermal night sights and support items. Addendum	1977
19770092872	Manportable Common Thermal Night Sight (TOW and NOD-LR) Operational Test 2 (MCTNS OT 2) (U)	1977
19770092873	PBSNTE/silicon focal plane technology (U)	1977
19770092878	Development test 2 of two man-portable common thermal night sights and support items (U)	1977
19770092882	Current status of the enhanced LWIR backgrounds in the arctic region and their impact on air force detection systems (U)	1977
19770092883	Host calibration data reduction (U)	1977
19770092890	Investigation of the electrical characteristics of boundary layers on metallic surfaces of open-cycle MHD generator channels	1977
19770092892	Three-axis crystal accelerometer design	1977
19770092893	Gallium phosphide photodiode development	1977
19770092897	Postdoctoral and senior postdoctoral resident research associateship program	1977
19770092898	Adaptive formation of resource allocation strategies	1977
19770092902	The Work Unit Data System (WUD): User reaction to WUD computer printouts	1977
19770092903	Programmable data terminal set (PDTs) system evaluation. PTDS using AN/UYK-20 computer and standard Navy peripherals found to be an economical replacement for existing link 11 data terminal sets (U)	1977
19770092907	Applications of aerospace technology in biology and medicine	1977
19770092908	Evaluation of black-water treatment with the general dynamics/Dorr-Oliver biological ultrafiltration central processor	1977
19770092912	Analysis of Apollo-16 and Skylab UV camera data	1977
19770092921	Japan: Nuclear, missile, space, and defense developments, GUO no. 260	1977
19770092922	Basic technologies of the production of aircraft	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770092923	TECOM evaluation, DT I (phase 1) of the Automatic Inspection, Diagnostic And Prognostic System (AIDAPS)	1977
19770092924	Guidelines for the aircraft maintenance officer	1977
19770092926	Aerodynamic characteristics and fin loads of a bank-to-turn, air-to-air missile concept at supersonic Mach numbers	1977
19770092932	An evaluation of the airship with respect to future transportation requirements	1977
19770092933	Surveillance: Fleet-returned M1A3 removers	1977
19770092934	Analysis and prevention of bird strikes by jet aircraft	1977
19770092936	Electrically Suspended Gyro Navigator (ESGN) inertial component performance evaluation	1977
19770092942	Results of a feasibility study on adding canards and ADEN nozzle to a YF-17	1977
19770092943	Gun fire control system analysis. Volume 2: Ballistic calculations in airborne gun fire control systems	1977
19770092944	Air launch separation study of general purpose reeling machine-launcher from the A-4, A-6, and A-7 aircraft	1977
19770092946	NTE of the hover coupler and the rescue hoist for the model HH-46A search and rescue helicopter	1977
19770092947	Vibration prediction of fighter aircraft equipments using the flex function	1977
19770092948	Actual weight and balance report for TAU-8A NAVAIR serial number 159384	1977
19770092949	Advanced gun fire control system (AGFCS) design study (phase 2). Volume 2, Appendix A: ATS angle sensor design description	1977
19770092950	Comparison of calculations and in-flight measurements of the transfer functions of the Concorde aircraft	1977
19770092951	Aerothermodynamic evaluation of windshield materials in a simulated supersonic flight environment	1977
19770092963	USN/FMOD FRG, VAK-191B joint flight test program. Volume 10: Integrated logistic support assessment program	1977
19770092968	The helicopter and the environment: Need for a compromise	1977
19770092972	The role of the long-range bomber: A Soviet view	1977
19770092973	EC-135 EMP assessment program, Air Force satellite communications system, type 3 communications terminal, AN/ASC-21, system description	1977
19770092974	Vibration control for airborne optical systems. Volume 1: Analysis and model design	1977
19770092975	Actual weight and balance report for AV-8A NAVAIR serial number 159376	1977
19770092976	New European helicopters	1977
19770092977	Model A-4M aircraft squadron Variable Speed Constant Frequency (VSCF) power generating system performance determination	1977
19770092978	Model S-3A integrated drive generator; Hardware changes to	1977
19770092980	Simulated ballistic impact on a J65-W-16A engine combustor at sea level static conditions	1977
19770092981	A-7E airplane/TF41-A-2 engine downrate flight clearance test	1977
19770092988	An analysis of the instrument flight simulator	1977
19770093055	High Energy Astronomy Observatory-A (HEAO-A)	1977
19770093056	Influence of guidance and control design parameters on the flight performance of the 5-inch guided projectile	1977
19770093057	Encapsulated Harpoon corrective action program	1977
19770093058	Power spectral densities of GEOS-3 geoid	1977
19770093059	Operational evaluation of CV-3333/U audio converter (VOCODER) of the FLTSATCOM NBSU system	1977
19770093060	Command inertial midcourse guidance feasibility test	1977
19770093061	Minuteman II failure demonstration calibration and overtest (CDRL-B004)	1977
19770093062	Consequences of the geodetic use of laser observations of artificial earth satellites	1977
19770093063	AFATL launcher disturbance study	1977
19770093064	TARTAR, ASROC and 5 in./54 pointing and firing cutout zones for USS John Paul Jones: (DDG-32), revision 1	1977
19770093066	Single store in container handling/loading concept	1977
19770093076	Measurement of telemetry Doppler frequency jitter on minuteman launches	1977
19770093077	An error sensitivity study of possible mainland telemetry Doppler configurations	1977
19770093088	Acoustic recession gage development	1977
19770093104	Frequency effect on fatigue behavior of a laminated composite	1977
19770093105	Composite inorganic materials for aircraft radomes	1977
19770093106	Flammability characteristics of fiber-reinforced organic matrix composites	1977
19770093107	High temperature coatings on graphite	1977
19770093110	Tensile properties of GE-2.2.6 (300-25-H and 300-25-C) carbon-carbon material	1977
19770093111	Structural criteria for advanced composites. Volume 1: Summary	1977
19770093118	Chemistry of fluorides of nitrogen	1977
19770093131	Plenary meeting of the seminar on steel and nonmetallic inclusions 5th	1977
19770093135	Functional analysis of aluminum processing	1977
19770093140	Exploratory development of corrosion inhibiting primers	1977
19770093141	A method of hot rolling rods made of alpha and beta titanium alloys	1977
19770093155	Evaluation of MIL-H-83282 hydraulic fluid for model P-3 aircraft Hamilton Standard 54H60 propeller control	1977
19770093158	Chemistry and the technology of organosilicon elastomers	1977
19770093191	Assessment of dielectrically loaded antennas for airborne communications applications	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093195	Improved techniques for electromagnetic compatibility evaluation	1977
19770093196	Communications media analysis - HF	1977
19770093198	CCD circuits for signal processing	1977
19770093201	Cost model for an optical fibre communications system	1977
19770093202	Effects of aircraft near-field multipath on adaptive array (signal/jam) improvement	1977
19770093203	Two and three-dimensional calculations for the PIMBS 1A cylinder experiment	1977
19770093204	MAD2 - A computer code for system-generated electromagnetic pulse (SGEMP) calculations in two dimensions	1977
19770093205	Low light level TV instrumentation for mid-UV studies	1977
19770093208	Reconnaissance information (RECON) system. Installation Guide (IG)	1977
19770093209	VLF/LF modem performance in atmospheric noise. Volume 1: Theoretical analysis	1977
19770093210	ULF/LF modem performance in dispersive channels: Computer program documentation and user's guide, volume 4	1977
19770093211	Space communications	1977
19770093212	Short-range radio communications system for military operations in built-up areas	1977
19770093213	Translations on telecommunications policy, research and development GUO 9/77	1977
19770093214	Translations on telecommunications policy, research and development (GUO 10/77)	1977
19770093227	Development of high power C-band transistor	1977
19770093228	Nuclear hardened micropower operational amplifier	1977
19770093229	Frequency shifter for a quasioptical channel	1977
19770093230	The 25 mm 0.9 micron wafer tube development	1977
19770093235	Design of radio electronic devices using integrated circuits (GUO)	1977
19770093236	Effectiveness of miniaturization radio electronic equipment of ships	1977
19770093251	Stability of a plane detonation wave	1977
19770093254	Numerical analysis of a two-phase flow with explicit internal boundaries	1977
19770093276	Ship/technology-C dynamic gyro testing	1977
19770093278	Fluidic gyro development	1977
19770093282	Hazard evaluation of the feasibility model of the neodymium laser mounted on the AQUILA remotely piloted vehicle	1977
19770093283	Slanted cascade diffuser: Feasibility model design	1977
19770093284	Theoretical study of laser-target interaction	1977
19770093285	EL-155 giant pulse laser and GI 2/15 VR stabilized twin power pack	1977
19770093286	Basic research on laser plume characterization	1977
19770093287	Supersonic CO Laser Code (SCOL Code)	1977
19770093288	Laser-worker (selected pages)	1977
19770093289	Exploratory development and investigation of the thermal, electrical, mechanical, and physical properties of infrared laser window and I-R transmitting materials	1977
19770093298	Variable geometry torque converter	1977
19770093300	The development of barrier materials for flexible aircraft engine containers	1977
19770093301	Development of improved techniques for measurement of mechanical impedance	1977
19770093306	The estimation of curvature and torsion of a space curve defined pointwise	1977
19770093308	Volume fraction of voids and area in the ductile fracture region	1977
19770093309	Strength of welded thin-walled containers which work under pressure	1977
19770093312	Contour mapping of low-background responsivity of LWIR detector arrays	1977
19770093313	RPV sensor motion compensated scan conversion system	1977
19770093318	Modeling of harmonics on power systems	1977
19770093319	Feasibility test of lithium battery, BA-55-98	1977
19770093320	Manufacture of lithium reserve cells. Develop the capability to manufacture and supply lithium reserve cells	1977
19770093326	Computation of minimum noise aircraft landing trajectories	1977
19770093327	The chemical analysis of air (new and perfected methods) (selected pages)	1977
19770093328	Averting public criticism of the sonic boom	1977
19770093330	Analysis of satellite data on energetic particles of ionospheric origin	1977
19770093333	materials for soil stabilization and injection of liquid chemicals. 3: Isocyanate groyis	1977
19770093335	On finding the poles of spherical harmonics	1977
19770093338	Meteorology and hydrology, no. 5, 1977	1977
19770093346	Journal of military medicine, no. 12	1977
19770093347	Study of external respiration in flying personnel	1977
19770093348	Role and significance of blood transfusion in emergency medical care	1977
19770093351	Translations on USSR science and technology: Biomedical sciences	1977
19770093352	Translations on USSR science and technology: Biomedical sciences GUO 29/77	1977
19770093353	Translations on USSR science and technology: Biomedical sciences (GUO 28/77): Effects of nonionizing electromagnetic radiation	1977
19770093354	Space biology and aerospace medicine, volume 11, no. 1, 1977	1977
19770093356	Characteristics of mental states in man under complicated performance conditions	1977
19770093358	Developing a positive attitude toward survival	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093359	Pilot selection research system, annexes to	1977
19770093360	Flight manuals: Is there a better way	1977
19770093369	Crew motion design criteria handbook	1977
19770093370	Crew motion design criteria handbook	1977
19770093371	Crew motion design criteria handbook	1977
19770093373	Feasibility test of commerical arctic footwear for USAF	1977
19770093376	Two-Mark IV CO2 removal plants USN S/N 371, 372	1977
19770093377	Ergonomics: Laboratory Work	1977
19770093378	MIRADCOM/AFTL hybrid simulation facility compatibility study. Volume 2. Simulation capabilities in the advanced simulation center	1977
19770093379	Investigation of radiation hardened high voltage CMOS/SOS technology	1977
19770093388	Translations on USSR science and technology: Physical sciences and technology (GUO 35/77)	1977
19770093391	Surface wave filter array	1977
19770093392	Signal processing theory for nonlinear acoustic transmissions	1977
19770093394	Small and medium-size nuclear power plants for electricity and heat production	1977
19770093404	Infrared signature analysis model	1977
19770093406	Fabrication and evaluation of fusion cast strontium fluoride	1977
19770093415	Some results of an investigation of the influence of slag films on the electrode operation and channel Characteristics of MHD generator at the U-02 plant	1977
19770093420	Study of the electronic surface state of III-V compounds	1977
19770093421	Detector uniformity measurement system	1977
19770093438	Specifications of the NASA procurement function. Part 2: System conceptualization report	1977
19770093439	NASA applications studies: New initiatives	1977
19770093440	Development of new capabilities for NASA Interactive Planning System (NIPS)	1977
19770093441	Space programs at the Johns Hopkins University applied physics laboratory	1977
19770093444	Planning for and conducting a successful design review	1977
19770093446	Army Management Information System Master Plan-1977. (AMIS Master Plan)	1977
19770093450	Measuring the economic benefits to Florida citrus growers from improved temperature and frost forecasts	1977
19770093451	Public service communications	1977
19770093452	Seasat-A economic verification experiment planning	1977
19770093453	LANDSAT agricultural models	1977
19770093454	Space bioprocessing (phase 1)	1977
19770093455	Unique characteristics of financing, science in the USSR	1977
19770093459	Mitsubishi Bio-Pac waste treatment process	1977
19770093463	Simplification of computations to represent the systematic differences between two catalogs of star positions simplication	1977
19770093473	A unified metabolism detector for Mars	1977
19770093479	Japan: Nuclear, missile, space, and defense developments, GUO no. 261	1977
19770093480	France: Nuclear, missile, and space developments. GUO 431	1977
19770093488	APU-CW design analysis report, Phase 1	1977
19770093489	Conduct and results of YF-16 RPRV stall/spin drop model tests	1977
19770093502	Analysis of Apollo-16 and Skylab UV camera data	1977
19770093527	Structural criteria for advanced composites. Volume 2: Detailed information	1977
19770093541	Mechanism of epoxy moistures effects	1977
19770093542	Analysis of the formation of stitchbonded nonwoven materials	1977
19770093559	An analysis of the surveillance triad	1977
19770093560	Operational evaluation of the four-foot open planar array antenna at NAS point mugu	1977
19770093561	Watkins-Johnson receiver WJ-940 first article examination. Volume 2: Test plan, quick look reports, test data - receiver performance characteristics, RS03 test results calibration data	1977
19770093567	Advanced electron device technology	1977
19770093569	Preproduction test of NC-10C mobile electric power plant	1977
19770093577	Advanced interface technology	1977
19770093580	Cost-effectiveness analysis of lubricant reclamation by the Navy	1977
19770093604	Noise-monitor system for NAS, miramar, evaluation of alternative concepts	1977
19770093616	Biomedical radioisotope program	1977
19770093622	Fatigue and aircrew management	1977
19770093623	The effect of ambient air temperature variations on pilot workload in advanced supersonic cruise aircraft	1977
19770093648	On the determination of fundamental azimuths	1977
19770093652	Large area composite structure repair	1977
19770093653	Alternative aircraft maintenance management	1977
19770093657	Computational simulation of advanced terminal defense interceptor flight environment aero/thermodynamics	1977
19770093659	Measurement of aerodynamic heating rates to nosetips during hypervelocity free flight	1977
19770093660	Aero/thermodynamics design innovations and technology study. Aerodynamics uncertainties modeling for advanced terminal defense interceptors	1977
19770093661	Balloon borne relay platform studies	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093662	Parachute opening proximity sensor (POPS)	1977
19770093665	Star sensor for HAADS, volume 1	1977
19770093666	Navy technical evaluation of the AN/ASN-124 integrated navigation-display system in the P-3B airplane	1977
19770093667	Instrument landing system	1977
19770093668	GPS study for range instrumentation	1977
19770093669	Digital processor inertial navigation system flight test	1977
19770093684	Vibration control for airborne optical systems. Volume 2: User's manual for vibration control computer programs	1977
19770093685	Future strategic airlifters: How can government and industry share the costs?	1977
19770093686	YAV-8B structural description	1977
19770093689	Electronic gunsight sensor evaluation	1977
19770093690	Aeroelastic tailoring of advanced composite structure for military aircraft. Volume 1: General study	1977
19770093691	Air Force development test and evaluation of the T-38 lead-in fighter aircraft	1977
19770093693	Helicopter high intensity anti-collision strobe lights	1977
19770093694	F-15 improved 20 mm gun qualification	1977
19770093696	Selections from trimming the single-rotor helicopter	1977
19770093698	Sonic fatigue design data for bonded aluminum aircraft structures	1977
19770093700	Operational test III of the improved Main Rotor Blades (IMRB) for the AH-1 helicopter	1977
19770093701	Air Combat Maneuvering Instrumentation (ACMI) FOT and E	1977
19770093702	OT and E of F-11 solid-state low altitude Radar Altimeter (LARA) indicator	1977
19770093728	Variable area turbocharger design for the AVCR-1360 engine	1977
19770093730	Evaluation of emergency lubrication systems for helicopter engines	1977
19770093731	Advanced rotary-vaned air cycle machine for military aircraft ecs	1977
19770093733	Taradcom advanced turbine engine cycle analysis ceramic coated components test, phase 3	1977
19770093736	Requirements for a repeatable release holdback bar, revision B	1977
19770093737	Category 1: Certification procedures for aircraft approach control transmitting set AN/TRN-28	1977
19770093738	Electronic reticle/target simulator	1977
19770093754	A comparison of the analytic theory of the GTDS system with implications for operational and mission analysis support	1977
19770093756	Shock layer shattering of ice crystals with applications to reentry flight	1977
19770093774	Mission operation report: Delta launch Orbital Test Satellite ESA/OTS	1977
19770093779	Study of intermodulation in gapfiller and FLTSATCOM systems	1977
19770093781	SAFEGURAD Operational Experience Program (SOEP) report, part 1	1977
19770093783	Field-testing and evaluation of the TRW streak MTI system	1977
19770093784	FBMWS piece parts inspection and testing program	1977
19770093785	Aerodynamic of tactical weapons to Mach number 3 and angle of attack 15 deg. Part 2: Computer program and usage	1977
19770093790	Evaluation studies of telemetry system components	1977
19770093802	Evaluation of rocket engines for X-24C aircraft, volume 2	1977
19770093803	Low cost servo actuator for tactical missile thrust Vector Control (TVC)	1977
19770093804	Evaluation of rocket engines for X-24C aircraft, volume 1	1977
19770093805	Rocket motor Mark 7 mods 1 and 2 (5KS-4500JATO) surveillance evaluation	1977
19770093806	Transition in rocket plumes: The domain of validity for plume interference prediction code (PIP) applications	1977
19770093808	Development of an impulse control steering system	1977
19770093809	Extensions of plume interference prediction capabilities	1977
19770093812	Develop and demonstrate manufacturing processes for fabricating graphite filament reinforced polyimide (Gr/Pi) composite structural elements	1977
19770093815	Probable values for the mechanical and thermal properties of 994-2 graphite	1977
19770093816	PRD49 preimpregnated fiber	1977
19770093817	Properties of thin siC layers of graphite	1977
19770093818	Optimum resin processing of high symmetry carbon-carbon composites	1977
19770093836	Evaluation of vacuum degassed hy-130 steel castings	1977
19770093845	Empirical equation for swelling in 30 percent cold worked 316 stainless steel	1977
19770093846	Empirical relationship for swelling in 20 percent cold worked stainless steel	1977
19770093848	Swelling and microstructural characterization of nickel ion bombarded commercial alloys	1977
19770093849	Investigation of deposition and wear problems with hardfaced coatings for high-temperature liquid metal service	1977
19770093862	Behavior of gas turbine structural ceramics in molten sodium sulfate	1977
19770093865	Development of 450 F fluorosilicone channel sealants	1977
19770093867	Glasses instead of crystals	1977
19770093868	Crosslinking of perfluorocarbon polymers	1977
19770093875	Survey - monomethylhydrazine propellant/material compatibility	1977
19770093876	Initial production test of tank fabric, collapsible, 3000-gallon, pol	1977
19770093880	Low term storage of modified HDA	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770093881	Determination of the residual jet parameters required to initiate cased explosive charges	1977
19770093883	Study PYRO O: General study of pyrotechnic compositions	1977
19770093885	The feasibility of using Amatex in Air Force submunitions	1977
19770093886	Initial testing of high capacity VM cryo-coolers	1977
19770093887	The effect of cavitation on blade-frequency vibration of ship hulls	1977
19770093900	Experimental investigation of the SHF radiation of a relativistic electron beam in a strong	1977
19770093902	Development test III (PVT-G) of radio beacon set AN/TRN-30(V)1 (V)2, supplement no. 1	1977
19770093904	Research on adaptive antenna techniques	1977
19770093905	Millimeter wave integrated circuit modules for communication interconnect systems	1977
19770093908	Adaptive array receiver component evaluation. Part 1: Synchronous demodulator and radome receiver module	1977
19770093909	Modern geometric diffraction theory applied to the radar cross section of a complex target	1977
19770093910	Fabrication and test of volume scan transmitter/receiver module brassboard an integral part of the missile attitude measurement system	1977
19770093912	AN/UPD-X-SAR all-weather surveillance/targeting system definition and ECCM, system design tradeoff studies. Volume 1: Executive summary	1977
19770093913	Dynamic tests of a model radome structure	1977
19770093914	Interference mitigation techniques program	1977
19770093915	Dome antenna/rotman lens study	1977
19770093916	Radar bridging decoys, MTI decoys and radar camouflage screen measurements	1977
19770093917	Do more with less: Aid to identifying communications-electronics requirements	1977
19770093919	Advanced airborne command post E-4B. Initial operational test and evaluation	1977
19770093920	B-1 aircraft applications analysis of electromagnetic pulse penetration through the B-1 cable conduit connector	1977
19770093921	B-1 aircraft applications analysis of electromagnetic pulse penetration through double-braided cable shields	1977
19770093922	EAR antenna mounted motion compensation investigation. Volume 1: Summary	1977
19770093923	EC-135 EMP assessment program liaison radio system AN/ARC-58, system description	1977
19770093924	The 2-6 MHZ noise and interference measurements program	1977
19770093925	Bulk filter versus LPF SNR analysis	1977
19770093926	Technical support for the conus OTH-B prototype radar system	1977
19770093927	Instrumentation and methodologies for testing and evaluation of digital communication systems and equipment	1977
19770093928	Introduction to testing and evaluation of digital communications systems and equipment	1977
19770093929	DCT-9000 R/U integration	1977
19770093930	Translations on telecommunications policy, research and development	1977
19770093935	Design and fabrication of twelve miniature incandescent calibration lamps	1977
19770093941	Device degradation by high amplitude currents and response characteristics of discrete resistors	1977
19770093942	Modular digital scan converter	1977
19770093944	S-band solid state power amplifier	1977
19770093945	A surface acoustic wave UHF multiplexer using flat exponential filters	1977
19770093946	Vulnerability of wires and cables	1977
19770093962	Qualification of the General Electric model 3s2060df126c20 KVA VSCF converter	1977
19770093971	Investigation of SHF absorbers based on carbonyl iron	1977
19770093972	Theory and operating characteristics of trapatt amplifiers	1977
19770093973	Development of self scanned AMCID matrix array	1977
19770093989	Low power radiation hardened analog to digital converter, volume 2	1977
19770093991	VCO tuning diodes	1977
19770093992	Forecasting and economics of electric machine building and power engineering	1977
19770094002	Bendix AB5-K8 gyro test	1977
19770094004	Carbon/graphite yarn characterization and carbon-carbon constituent sensitivity study	1977
19770094005	Hydrodynamic Ram Seminar	1977
19770094010	Stanford gyro relativity experiment	1977
19770094013	Advanced development council technical area assessment: Electro-optical sensors	1977
19770094016	Manufacturing methods and technology measure for silicon pin quadrant detectors, volume 2	1977
19770094017	Manufacturing methods and technology measure for silicon pin quadrant detectors, volume 3	1977
19770094018	Manufacturing methods and technology measure for silicon pin quadrant detectors, volume 1	1977
19770094019	Simulation of dual system sled tests	1977
19770094020	Acceptance test of high-speed cassette duplicator	1977
19770094021	Evaluation of a new electrostatic recording medium	1977
19770094024	The evaluation of KMgF3 as a window material for high power chemical lasers	1977
19770094025	Advanced sensor concepts	1977
19770094026	Preliminary theoretical hazard evaluation of the 360 deg nonprogrammed visual display, April-May 1977	1977
19770094027	International Laser Systems model NC-10/P3 laser with Harry Diamond Laboratories diffuser modifications, April - May 1977	1977
19770094028	Airborne laser laboratory 1/104 scale hot exhaust test	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094029	DF chemical laser system conceptual design study. Part 2: Appendixes	1977
19770094030	HF laser heat release studies	1977
19770094031	Dye laser module	1977
19770094032	The 10.6 micrometer (Hg, Cd)Te mixer/detector development: A wideband heterodyne lidar receiver	1977
19770094034	High-speed deformable mirror system	1977
19770094035	Long life Nd YAG laser device	1977
19770094036	Stable RF pumped YAG laser	1977
19770094037	CW GaAs diode lasers	1977
19770094038	Airborne Laser Laboratory, cycle 3, final installation design report, part 1	1977
19770094039	Airborne Laser Laboratory, cycle 3, final installation design report, part 2	1977
19770094044	Bearing-condition evaluation from Oakland Naval Supply Center NSN 1 H 3110-00-987-3726NT	1977
19770094046	Automated heat sealing of igniter and flash reducer bags	1977
19770094062	High-temperature structural design program	1977
19770094063	Meteorology and hydrology, no. 6, 1977	1977
19770094064	Aircraft program for target and background measurements	1977
19770094066	Map cassette for data display	1977
19770094069	Slicing of silicon into sheet material. Silicon sheet growth development for the large area silicon sheet task of the Low Cost Silicon Solar Array Project	1977
19770094071	Investigation of test methods, material properties, and processes for solar cell encapsulants	1977
19770094072	Low Cost Silicon Solar Array Project. Silicon materials task. Development of a process for high capacity arc heater production of silicon for solar arrays	1977
19770094074	A chemical and physical characterization of calcium and barium chromates and thermal cell performance of calcium chromates	1977
19770094079	Automatic light sensing and control of lighting systems for energy conservation	1977
19770094080	Removal of acid compounds, mechanical impurities and water accompanying liquid petroleum products	1977
19770094081	Thermal battery safety program	1977
19770094082	Translations on environmental quality (GUO 7/77)	1977
19770094097	The impact of instrument flight simulators on undergraduate pilot training	1977
19770094101	Translations on USSR and technology: Biomedical sciences (GUO 32/77)	1977
19770094102	Research methods in labor physiology	1977
19770094104	A study of evoked potentials in man, and the physiological correlates of attention and voluntary motor responses	1977
19770094115	Preliminary training analysis of the Remotely Piloted Vehicle (RPV system)	1977
19770094122	Modular missile borne computers. Volume 6: Emulation design requirements	1977
19770094123	Modular missile borne computers. Volume 1: Executive overview, functional partitioning and architecture, DP hardware requirements	1977
19770094124	Modular missile borne computers. Volume 7: Research plan	1977
19770094125	Development of new capabilities for NASA Interactive Planning System (NIPS)	1977
19770094127	Writing microcode for the AN/ UYK-30	1977
19770094128	A users manual for the D3X code	1977
19770094132	The estimation of curvature and torsion of a space curve defined pointwise	1977
19770094133	A scoring algorithm for assessing air to air combat performance. Phase 1: A	1977
19770094135	A computer program to determine the noise properties of a linear two-port network from experimental data	1977
19770094137	Translations on USSR science and technology: Physical sciences and technology LGUO 38/77	1977
19770094138	Translations on USSR science and technology: Physical sciences and technology	1977
19770094139	Physical sciences and technology (GUO-39/77)	1977
19770094149	A comparison of the quark parton model with data on electroproduction of pions	1977
19770094150	The relationship between the meson, baryon, photon and quark fragmentation distributions	1977
19770094151	A quark parton model for hadronic fragmentation distributions	1977
19770094154	Study of wavelength conversion concept	1977
19770094155	Analysis of techniques for imaging through the atmosphere	1977
19770094156	Angle of arrival sensors using acousto-optical processing	1977
19770094158	Asymptotic methods in shortwave diffraction problems: The standard problem method	1977
19770094160	Measurements of optical radiation from hypervelocity dust clouds under free-molecule heating conditions	1977
19770094161	Materials for MOSIS FLIR (Monolithic Silicon Sensor Flir)	1977
19770094163	Imaging by multiplex methods. Part 1: Stationary pictures	1977
19770094174	Millimeter-wave indium phosphide gunn device	1977
19770094177	Ferromagnetic resonance in multilayered thin film systems	1977
19770094187	Specifications of the NASA procurement function. Phase 2: System conceptualization report	1977
19770094188	Research and experimentation/mission-oriented investigation and experimentation	1977
19770094189	Operations and support cost improvement phase 1 study. Revision	1977
19770094191	Xerox 6500 color copier	1977
19770094192	From the committee on Lenin and state prizes of the USSR in the field of science and technology of the council of ministers of the USSR	1977
19770094194	NASA applications studies: New initiatives	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094195	Matching NASA technology with needs of state, county and local governments	1977
19770094207	Early dynamical evolution in the solar system	1977
19770094247	France: Nuclear, missile, and space developments, GUO no. 432	1977
19770094248	France: Nuclear, missile, and space developments, Guo no. 433	1977
19770094249	E-3A DT and E reliability and maintainability evaluation	1977
19770094250	Care and maintenance of helicopter rotor blades at the organizational level	1977
19770094253	Remotely controlled balloons for border surveillance: A feasibility study	1977
19770094254	Man seat separator MK 82 mod O surveillance report on talley and UPCO manufactured units	1977
19770094255	A psychological approach to aviation safety	1977
19770094256	Lighter-Than-Air (LTA) aircraft: Economically competitive as a cargo airlift system	1977
19770094257	Proposals to improve the capabilities of the AN/ASN-123 tactical navigation set	1977
19770094258	Random aircraft delay data for CASSTRO	1977
19770094259	Developmental air start/air align flight test of SPN/GEANS inertial navigation system	1977
19770094266	An analysis of the deployment of the 235th aviation company (attack helicopter)	1977
19770094268	The Mi 24 attack helicopter	1977
19770094270	YAV-8B inlet test plan	1977
19770094271	Revision of F-4 performance data	1977
19770094272	MI-6, USSR, heavy transport helicopter	1977
19770094273	Statistical presentation of landing parameters for models F-14A, F-4J, A-7B, EA-6A, A-4F and TA-4F aircraft aboard the USS enterprise CVA(N)-65 operating off the coast of California (survey-33)	1977
19770094274	Electronics electrostatic cooling	1977
19770094275	Solid electrolyte oxygen sensor for aircraft hazard protection applications	1977
19770094282	Expendable turbojet engine	1977
19770094283	Propulsion engine life cycle cost evaluation for a low cost aircraft, volume 1	1977
19770094285	Turbine fuel tolerance study initial engine tests: Number 4 oil	1977
19770094287	Polish-produced aviation turbine engines	1977
19770094288	Altitude evaluation of an overhauled TF41-A-1 turbofan engine (S/N 141683)	1977
19770094329	Describing function analysis of the SIG-D pneumatic actuator	1977
19770094330	Evaluation of ten PEK SHILLELAGH transmitter lamps	1977
19770094331	Development of a test vehicle	1977
19770094332	NATO sea sparrow surface missile system structural test firing on board USS Kansas City AOR-3	1977
19770094333	Walleye I extended range data link carrier suitability, fit, carriage, and separation tests	1977
19770094334	Nuclear powered satellite studies	1977
19770094345	Exhaust plume gas dynamic and radiation measurements on a 500-LBF-thrust liquid-rocket engine at simulated flight conditions: Part 1. Rocket engine exhaust plume-flow field gas dynamic and radiation measurements	1977
19770094346	Propagation of propellant-linear separations in the pershing motors under transient thermal loading	1977
19770094347	Measured temperatures of solid rocket motors dump stored in the tropics and desert. Part 3: Desert storage	1977
19770094348	High pressure jet tab thrust vector control system development	1977
19770094349	Synthesis of perfluoroalkylene aromatic diamines	1977
19770094352	More on strength analysis of polygraphites	1977
19770094354	Method of production of molding powders	1977
19770094355	Aerothermal and rain erosion sled test results on radome materials at Mach 5	1977
19770094356	Development of a composite material for construction of antenna element radomes	1977
19770094357	Development of an analytical model for carbon/carbon composite materials. Phase 3, nozzle material design study	1977
19770094358	Exploratory development of controlled composite processing	1977
19770094359	Stabilization of the friction and wear of carbons by additives. Part 2: Non-graphitic carbons	1977
19770094363	Investigation of methods for detection and control of pyrotechnic dust and explosions	1977
19770094364	Some technical aspects of detonation combustion regime application	1977
19770094371	Materials properties evaluation. Part 1: Mechanical properties of steel cartridge case	1977
19770094372	Evaluation of materials applicable to a new LWIR sensor concept	1977
19770094375	The role of refractory compounds in forming new materials and the methods of their production	1977
19770094377	Product form characterization of type 304 stainless steel (HT 9T2796)	1977
19770094380	Thallium iodine coatings for potassium chloride	1977
19770094383	Lightweight materials	1977
19770094384	Influence of temperature excursions and low temperature impact on sealants in joints with mismatched thermal coefficients of expansion	1977
19770094385	Method for monitoring processes for the sintering of powder ceramic materials	1977
19770094386	Method for obtaining fibrous silicates	1977
19770094389	Evaluation of 3M's AF-30 modified adhesive	1977
19770094408	High energy flexible explosive. 3: The nitric ester-plasticized nitrostarch binder system	1977
19770094410	Prototype blender and packout station for DRAGON stick propellant	1977
19770094412	Tunnel furnace for the production of flat articles from foamed sital	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094413	Exploitation of petroleum deposits in complex conditions	1977
19770094415	Multipath measurements, phase 3 (1976)	1977
19770094419	Improving high frequency communications in a tactical environment	1977
19770094420	HF, high power, directional rotary-wing air-craft antenna	1977
19770094421	Millimeter surveillance radar for the mini-RPV	1977
19770094422	Technical support for the CONUS OTH-B prototype radar system	1977
19770094425	Mathematical theory of radiation	1977
19770094427	An adaptive filter for the bearings-only maneuvering target problem	1977
19770094428	A transponder against FH signals using a saw device	1977
19770094429	WASHFAX 4 study program. Washington area secure high speed facsimile system	1977
19770094430	Prompt gamma electromagnetic pulse generation and propagation for an underground tunnel	1977
19770094431	Pre-edit processor/Report And Message processor (PREP/RAMP) users manual. Change 5: Computer system manual	1977
19770094432	B-1 aircraft applications analysis of electromagnetic pulse penetration through a skin panel stringer joint	1977
19770094433	B-1 aircraft applications analysis of electromagnetic pulse penetration into an avionics bay	1977
19770094434	Antenna data development extension study for TAOS	1977
19770094435	Hardened phased array feasibility assessment	1977
19770094436	Advanced sensor concepts inputs to hitech study (draft)	1977
19770094437	Testing and evaluation of digital communications systems and equipment	1977
19770094438	Annotated bibliography on testing and evaluation of digital communications systems and equipment	1977
19770094439	Semiconductor millimeter and submillimeter wave modulator	1977
19770094465	I-band TRAPATT amplifier	1977
19770094466	The T/A-4KU 20 KVA Variable Speed Constant Frequency (VSCF) electric power generating system evaluation	1977
19770094476	Bonded grid cathode technology, phase 2	1977
19770094477	The 1.4-micron photocathode	1977
19770094478	The 1.4-micron photocathode	1977
19770094494	Engineering evaluation of tempo instruments, incorporated p/n 94189-12, 28 volt dc static voltage regulator	1977
19770094495	Qualification evaluation of the Gulton P/N EMIR 283, 750 VA 30 static inverter	1977
19770094498	Low-cost microwave integrated circuit components	1977
19770094499	Manufacturing methods and technology measure for large area silicon avalanche detectors, section 1	1977
19770094500	Manufacturing methods and technology measure for: Silicon pin quadrant photodetectors	1977
19770094501	SAW Butterworth contiguous filters at UHF	1977
19770094503	Evaluation of new MCP glass and MCP processing methods	1977
19770094504	Small bubble techniques	1977
19770094505	High voltage switch	1977
19770094506	Advanced electron device technology	1977
19770094513	Results of a hyperballistic range test program investigating erosion-augmented heating	1977
19770094514	Insitu spectral reflectance measurement of D024 Skylab sample materials	1977
19770094515	Study of the operational characteristics of a photoelectric water-lift unit	1977
19770094516	Investigation of holographic light-line sight	1977
19770094517	Laboratory and field evaluation of Litton mini-north reference unit	1977
19770094518	Temperature and voltage tests on MgO insulated coaxial cables	1977
19770094520	Plasma chemistry processes in electric discharge lasers, volume 1	1977
19770094521	Testing infrared laser windows	1977
19770094522	Closed-loop laser heat removal system study	1977
19770094523	Supersonic continuous wave carbon monoxide electric discharge laser parametric investigation	1977
19770094525	Laser signature analyses	1977
19770094526	Optical designation evaluation ode program. Synthetic imaging test plan	1977
19770094527	High power laser calorimeter	1977
19770094528	Advanced sensor concepts. Task 3 report: Report, performance prediction	1977
19770094529	The gyrolaser will soon be ready	1977
19770094530	Bireactant GDL technology demonstration	1977
19770094533	TECOM evaluation, DT 3 of POL identification kit	1977
19770094536	Soviet gasoline injection engines	1977
19770094538	Multiple plate penetration modeling of a spin-stabilized penetrator	1977
19770094539	Initial operation of an Ingersoll-Rand model N30NL high-pressure, oil-free compressor	1977
19770094540	Aircraft gearbox spline lubrication	1977
19770094542	Development of an automated narrow gap welder for high strength steel plate	1977
19770094543	Evaluation of blind rivet systems	1977
19770094546	Reliability rip-off	1977
19770094551	Preliminary investigation of the relationship between ultrasonic Rayleigh waves and surface residual stress in circumferentially welded pipe	1977
19770094553	A theory for ductile fracture by internal necking of voids	1977
19770094554	Simplified instability analysis of the inplane bending of elbows in the plastic range	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094556	A preliminary study of Las Vegas building deflections caused by winds	1977
19770094558	Reconnaissance information Recon system. Computer operation manual (OM)/run book	1977
19770094561	Wind-generated electric power at Navy sites	1977
19770094564	Evaluation of the 7CX234 lead chloride battery	1977
19770094567	Thermal power stations	1977
19770094568	The feasibility of establishing operational water hyacinths-based system at the treatment facilities of existing cities	1977
19770094570	Ground vibration level estimates for space transportation system launches at vanderberg AFB	1977
19770094571	Operational evaluation of the AN/AMH-3 (XAN-4) airborne microwave refractometer	1977
19770094578	Concept evaluation of increased night flight training time	1977
19770094583	Crew motion design criteria handbook	1977
19770094584	Pilot and airplane	1977
19770094587	Data processing functions to support command information systems	1977
19770094588	Command and staff action for Automated Data Processing Systems (ADPS)	1977
19770094589	Data Acquisition, Processing, And Analysis DAPAAN area automatic data processing systems security manual	1977
19770094590	Gigabit logic design	1977
19770094591	Can TAC operations be computer scheduled	1977
19770094592	CUBFIT77. An interactive computer program for fitting cubic polynomials to tabular data	1977
19770094593	Trident higher level language user's guide	1977
19770094596	Procedure for calculation of probability of false acquisition	1977
19770094597	Translations on USSR science and technology: Physical sciences and technology	1977
19770094598	Translations on USSR science and technology: Physical sciences and technology GUO 41/77	1977
19770094600	Survey of large-scale isotope applications: Nuclear technology field	1977
19770094602	A study of the detection characteristics of the victoreen model 488A neutron survey meter and a standard 3 He long counter	1977
19770094608	Optical radiation measurements in the wakes of blunt codes in the hyperballistic range	1977
19770094609	Critical Optics Technology (COT)	1977
19770094611	Micro-processor interface to Boller and Chivens 31 inch telescope	1977
19770094612	Operational evaluation of the Fiberscope (EOD) Mk 1 Mod O.	1977
19770094613	Near IR absorption and scattering effects	1977
19770094615	Quarterly title list for the period ending March 1977	1977
19770094616	Solitons in plasma and other dispersive media: Dawn of nonlinear physics	1977
19770094617	End loss reduction in linear devices by means of oscillating multiple mirrors	1977
19770094618	Workshop on relation between laboratory and space plasmas	1977
19770094619	DC current in the collisionless limit induced by a travelling wave: A calculation based on collision term	1977
19770094620	Rate of periodic change of temperature ahead of a magnetohydrodynamic generator in a gaseous nuclear fuel	1977
19770094621	Contribution to helical MHD dynamo theory	1977
19770094622	Mathematical model for investigation and complex optimization of indicators of industrial electric power stations with open-cycle MHD generators	1977
19770094623	Study of the stress sensitivity of the coercive force of micron size B ₁ C ₂ ferrite and BiMn particles	1977
19770094625	CCD radiation hardening	1977
19770094626	Exploratory development on HG1-XCDXTE improvement, phase 2	1977
19770094627	Manufacturing techniques for production of gallium arsenide substrates	1977
19770094634	Handbook for test managers of small programs	1977
19770094638	Quarterly Status Report, 1 April - 30 June 1977	1977
19770094639	U. S. space transportation in the 1980s: Organizational alternatives	1977
19770094640	A high grade waste paper study method for Air Force solid waste managers	1977
19770094641	Outline of planning for large-scale containerization	1977
19770094642	The problem of adapting transport packaging to the container transport system	1977
19770094646	Analysis of solar wind observations	1977
19770094648	Japan: Nuclear, missile space, and defense developments	1977
19770094649	DT and E Reliability and Maintainability R and M evaluation of the B-1 prototype aircraft	1977
19770094650	The aircraft maintenance standardization and evaluation program. A viable program	1977
19770094654	Ballistic data for G-12D parachute	1977
19770094655	Flow-field characteristics, aerodynamic loads, and surface pressures for a general wing-body configuration at transonic mach numbers	1977
19770094656	Aerodynamic characteristics and fin loads of a maneuvering Air-to-Air missile model at transonic speeds (U)	1977
19770094657	Surveillance: Fleet-returned M3A3 thrusters	1977
19770094660	DT and E of the AN/GPN-20 air traffic control system	1977
19770094661	Mini-RPV landing aid	1977
19770094663	Navigation technology development, volume 2	1977
19770094664	Concept evaluation of the tactical instrument steep approach and landing (TISAL) system	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094665	Operational test 2 (OT 2) of lightweight doppler navigation system (LDNS) AN/ASN-128 (XE-1)	1977
19770094666	Flight evaluation of the lightweight Doppler navigation system, AN/ASN-128 (XE-1)	1977
19770094667	Evaluation of the P-3B navigation modifications (U)	1977
19770094670	Static ejection test of the ejector release unit number 123 Mk 1 Minimum Area Crutchless Ejector (MACE)	1977
19770094671	Fire at low-flying targets	1977
19770094672	F-15 AFDT and E air-to-air gunnery evaluation, volume 2	1977
19770094674	EC-135 EMP assessment program, pre-test analysis: Volume 10: Deliberate antennas	1977
19770094675	Precipitation static investigation of F-14A in-flight refueling and navigation system	1977
19770094676	Verification of flight performance and carrier suitability data on RF 8G airplane with J57-P-420 engine	1977
19770094677	Mini-RPV launch/recovery very feasibility demonstration aboard the USS BLANDY (DD-943)	1977
19770094678	AN/ARC-164 - F-111 operational evaluation	1977
19770094681	Aircraft vulnerability assessment methodology. Volume 1: General	1977
19770094682	The 25,000 lb. capacity tow hook development program	1977
19770094685	Proposed draft of an aircraft vulnerability handbook. Volume 2: Missile warhead data (U)	1977
19770094687	Quality-quantity tradeoffs: A historical analysis of air combat (U)	1977
19770094688	Initial operational test and evaluation of the A-7E FLIR (U)	1977
19770094691	Evaluation of aircraft tactics against ground/ship-based ECM systems (OPNAV report symbol 3960-12) (U)	1977
19770094693	E-3A Air Force development test and evaluation. Volume 1: Overview (U)	1977
19770094695	Interceptor technology integration (U)	1977
19770094696	Hypersonic vehicle applications study (U)	1977
19770094701	Advanced weapons for high performance aircraft (HIPAC) (U)	1977
19770094705	Advanced avionics flight test program. Volume 1: Advanced tactical radar flight test	1977
19770094706	Advanced avionics flight test program. Volume 2, Part 1: Missile guidance element (monostatic)	1977
19770094707	Advanced avionics flight test program. Volume 2, part 2: MGE-X flight test program	1977
19770094708	Advanced avionics flight test program. Volume 3: Forward looking advanced multimode radar with a forward looking angle processor	1977
19770094709	Horizontal situation indicator ID-1013/A reliability and maintainability improvement program	1977
19770094712	Accelerated service testing of the J52-P-408 engine	1977
19770094713	Model A-7E evaluation of TF41-A-2 engine fail-sage hydromechanical governor design in high pressure fuel pump	1977
19770094714	Measurement of vibration and temperature levels pertinent to the P-3 aircraft GTC95-2 auxiliary power unit	1977
19770094716	Turbine engine high flow compressor (U)	1977
19770094719	Small Turbine Advanced Gas Generator (STAGG). Volume 2: Fabrication and test (U)	1977
19770094723	Alternate CV flight deck arrangements	1977
19770094724	Thermal distortion test facility	1977
19770094725	Surveillance: Fleet-returned M4A1 catapults	1977
19770094727	Undergraduate pilot training-instrument flight simulator (UPT-IFS) follow-on operational test and evaluation (FOT and E). Annex N: Logistics assessment plan	1977
19770094729	Effect of nose diameter on the erosion of spherical nosetip reentry bodies	1977
19770094730	Trace trajectory analysis and orbit determination program. Volume 6: Orbital statistics via covariance analysis	1977
19770094733	Research in reentry physics. Flight data analysis report, supplement (U)	1977
19770094734	Application of light-initiated explosive for simulating X-ray blowoff impulse effects on a full scale reentry vehicle	1977
19770094737	Comparison of radiative and direct drive RF tests on a typical missile system	1977
19770094738	An annotated bibliography on drones	1977
19770094740	Advanced All-Weather Air-to-Air Missile (AAWAAM) guidance (U)	1977
19770094748	Dust erosion tests of a transpiration-cooled nosetip in the hyperballistic range (U)	1977
19770094750	MaRV engagement and interceptor requirements study (U)	1977
19770094751	Cycle 3/HAWK: Safety study (U)	1977
19770094758	Missile Terminal Tracking Evaluation (MTTE) (U)	1977
19770094765	Molniya optical observations (U)	1977
19770094769	Propulsion technology analysis	1977
19770094770	Ballistic missile propellant evaluation test motor system (super bates)	1977
19770094771	Application of linear cumulative damage to service life prediction of Cross-Linked Double-Based (CLDB) smokeless CHAPARRAL	1977
19770094772	High-pressure, head-end, chamber-bleed, hto-gas roll-control system	1977
19770094773	Development of a booster motor for the BGM-34c RPV	1977
19770094774	Modern ramjet engine fuel management subsystem. Task 3: Production design and cost study	1977
19770094775	Mass production techniques for composite rocket motor components	1977
19770094776	Advanced DP/DT thrust termination concept demonstration program	1977
19770094777	Reduced smoke Maverick rocket motor. Verification program, phase 1 (U)	1977
19770094780	Aerodynamic performance of the generic ordnance ramjet engine (GORJE) at supersonic speeds (U)	1977
19770094782	Ultraviolet signatures of tactical missile plumes during ground-restrained firings (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094783	Exploratory development on formation of high strength, high modulus, boron nitride continuous filament yarns	1977
19770094784	High-pressure processing of carbon/carbon and graphitic composites	1977
19770094787	Hydrometeor erosion and recession technology II program. Flight performance evaluation report: Flight tests 1, 2, 3, 4 (U)	1977
19770094789	Combustion of magnesium and aluminum particles in various media	1977
19770094790	Gas-liquid chromatographic method for determining purity and identification of impurities in dimethyl and diethyl morpholinophosphoramidate DMMPA and DEMPA	1977
19770094801	Microstructure and fatigue properties of Inconel 718	1977
19770094802	Crack propagation testing for LMFBP piping, phase 2	1977
19770094803	Yield surfaces and elastic-plastic behavior of type 304 stainless steel at room temperature	1977
19770094804	Structure elucidation of plasma polymerized perfluorobutene-2 by nuclear magnetic resonance studies	1977
19770094810	Mechanical processing of basalt plastics	1977
19770094811	Synthetic diamond	1977
19770094812	New development trends for foam materials	1977
19770094814	Development of thermoplastic structural adhesives	1977
19770094815	Effect of processing parameters on the adhesive bonding of ferrous metals	1977
19770094816	Some questions on the manufacture of polyurethane synthetic sole leathers	1977
19770094817	Ternary powder for large-caliber weapons	1977
19770094818	Pressure measurements in highly confined M456 cartridge cases after primer and cookoff ignition	1977
19770094823	Report on flare compatibility phase of quantic impulse cartridge product improvement program (U)	1977
19770094825	Vapor explosion experiments with subcooled freon	1977
19770094827	Handbook on hydrodynamic characteristics of moored array components	1977
19770094828	Operational test 2 of AN/TSQ-84A upgrade communications technical control center	1977
19770094829	AN/FPQ-13 on-axis radar evaluation	1977
19770094830	Forged fragment antenna report of the MMR-7 foam antennas	1977
19770094831	Improvement of the AN/TPQ-31A projectile tracking radar weapon location algorithm	1977
19770094832	Information processing techniques program. Volume 1: Packet speech/acoustic convolvers	1977
19770094833	Operational test III (OT III) of the radio receiving sets AN/ARN-123 V1 and radio receiver R-1963 (/)ARN	1977
19770094834	Low cost flexible digital terminal study	1977
19770094837	Tracking model for the AN/TSQ-73 item simulation	1977
19770094838	Operational test and evaluation, commercial radar for C-141A aircraft	1977
19770094839	DARPA Low-Angle Tracking Symposium, volume 1	1977
19770094840	RARF (Radome, Antenna and R. F. circuitry) integration and flight test, volume 1	1977
19770094841	Detailed test plan (DTP) for the initial operational test and evaluation test and evaluation (IOT and E (OT-II) of the AN/TPS-59 radar set	1977
19770094842	Microwave transmitter reliability and maintainability. Attachment: Design guidelines for airborne radar transmitters using gridded traveling wave tubes, phase 1	1977
19770094843	Microwave transmitter reliability and maintainability improvement program, phase 1	1977
19770094844	High-altitude neutron induced EMP sources	1977
19770094845	Navy communications	1977
19770094847	Mini (TWT) expendable jammer (U)	1977
19770094848	CCD radar processor development (U)	1977
19770094849	USAF communications vulnerability to electronic warfare (U)	1977
19770094852	An evaluation of high power, short pulse radar for navy application (U)	1977
19770094853	Applications of millimeter wave technology to antiarmor weapons systems (U)	1977
19770094856	Planning and programming transition issues (U)	1977
19770094867	Caliber II utility demonstration: A sample problem with BMD applications (U)	1977
19770094868	Evaluation of RV LRCS measurements and predictions for computer code validation (U)	1977
19770094871	Mini-RPV ground antenna experimental model (U)	1977
19770094877	Communications media analysis - HF (supplemental report) (U)	1977
19770094881	Analysis of radar capabilities program (U)	1977
19770094884	Evaluation of the SSR-1 fleet satellite broadcast subsystem (U)	1977
19770094886	Application of dyna fix to APO-109 radar (U)	1977
19770094887	Wide angle scanning array lens (WASCAL) effectiveness study (U)	1977
19770094892	AMTI radar trade-off analysis (U)	1977
19770094894	Translations on telecommunications policy: Research and development (GUO 12/77)	1977
19770094897	Bulgarian electric vehicles	1977
19770094898	High power, fluid cooled helix TWT	1977
19770094899	Procurement and design verification of vapor corporation P/N 27041099-02 static voltage regulator	1977
19770094901	Solid state KA-band amplifier	1977
19770094905	Long-life photomultiplier tubes	1977
19770094906	Pulse power response and damage characteristics of capacitors	1977
19770094907	Cathode driven CFA (U)	1977
19770094908	Development of 1.06-micron sensitive wafer tube (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770094909	Quiet radar antenna (U)	1977
19770094916	A metal hydride heat pump	1977
19770094917	Turbulence amplifiers in industrial control systems	1977
19770094919	Investigation of the aerodynamic breakup of viscoelastic liquids. Phase 1: Subsonic dissemination	1977
19770094920	Ballistic range dust erosion tests of several candidate RV heatshield materials (U)	1977
19770094922	Radiation detection devices	1977
19770094923	ASQ-81 magnetic detecting set support (evaluation of the prototype noise test set)	1977
19770094924	The spherical Fabry-Perot interferometer	1977
19770094925	Test and evaluation of the Agnekolor laminar flow color print processor	1977
19770094926	Test and evaluation of the Kodak Royalprint model 417 processor and associated papers and chemicals	1977
19770094927	A 94 GHz radiometer	1977
19770094928	Sensors for the measurement of sand in suspension	1977
19770094929	Design and testing of a photometer for measuring luminescence	1977
19770094930	Development Test (DT 3mm) PVT-G of surveying instrument, azimuth, gyro, lightweight	1977
19770094931	Laboratory tests of the Bell model-XI accelerometer	1977
19770094934	FTIR electro-optic beam switch	1977
19770094935	Subscale bireactant GDL technology demonstration	1977
19770094936	Advanced 2-5 micron chemical laser, addendum	1977
19770094937	Investigation of laser radiation interaction with dielectric materials	1977
19770094938	Environmental Research Institute of Michigan (ERIM), airborne active/passive reconnaissance system laser 22 April 1977	1977
19770094939	A study of polycrystalline halides for high power laser applications	1977
19770094940	Vaned diffuser development program	1977
19770094941	High temperature gas dynamic laser performance investigation	1977
19770094942	TECOM evaluation, development test II (PQT-G) of hand-held laser rangefinder, AN/GUS-5 (U)	1977
19770094943	Modular universal laser equipment (U)	1977
19770094945	The neodymium imaging detector (U)	1977
19770094946	BMD laser signature modeling program (U)	1977
19770094950	The laser window problem (U)	1977
19770094951	Laser countermeasure assessment study (U)	1977
19770094953	Cycle IV upgrade conceptual design study (U)	1977
19770094954	Laser tracking and discrimination study (U)	1977
19770094955	Statistical analysis of pointing and tracking system performance (U)	1977
19770094957	Ground Application Site Program (GASP) (U)	1977
19770094958	Beam position monitoring study (U)	1977
19770094960	Development of an adiabatic diesel engine	1977
19770094963	Optimization of the structure of non-wovens produced by the welding method	1977
19770095030	Curing conditions of concrete made in cold weather and the restoration of strength	1977
19770095033	Magnetic tagging	1977
19770095034	Host functional tests, volume 2 (U)	1977
19770095035	Host functional tests, volume 1 (U)	1977
19770095036	HOST discrimination performance analysis (U)	1977
19770095038	Mosaic sensor program. Phase 1A: Program milestones/validation plan (U)	1977
19770095039	Mosaic sensor program. Phase 1A: Executive summary (U)	1977
19770095043	Step toward power of the future	1977
19770095044	Thyristor rectifiers for storage battery charging by asymmetric current	1977
19770095053	Fossil energy development programs	1977
19770095055	Materials for soil stabilization. Chemical grouting	1977
19770095057	Rapid gravity survey system aided with supplemental gravimetric data	1977
19770095059	Oceanic thermal boundary layer observations	1977
19770095061	Activation of cellular tissue of living organisms	1977
19770095063	Translations on USSR science and technology: Biomedical sciences (GUO 33/77)	1977
19770095064	The USAF annual instrument refresher course: Analysis and recommendations for change	1977
19770095065	An annotated bibliography on the behavioral aspects of flight simulation	1977
19770095066	An evaluation of operator performance on the patriot display and control console	1977
19770095068	Biophysics Division	1977
19770095069	Ballistic eye protection lenses for combat vehicle crewmen, product improvement test	1977
19770095071	Initial operational evaluation of the Mark V CO/H2 (carbon monoxide/hydrogen) burner system (U)	1977
19770095074	Problems plaguing designers	1977
19770095075	Defense Mapping Agency Topographic Center integrated data management study	1977
19770095081	Modular missile borne computers. Volume 4: Data processing for advanced sensors (U)	1977
19770095082	Modular missile borne computers. Volume 3: Optical sensor capability definition (U)	1977
19770095083	Modular missile borne computers. Volume 2: Problem characterization (U)	1977
19770095084	Plotter: An interactive program control and plot generation package for the Sigma 5	1977
19770095086	ODE computer program (software), volume 1 (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770095087	PACOM Data Systems Center design	1977
19770095089	Translations on USSR science and technology: Physical science and technology (GUO 42/77)	1977
19770095090	Project BILL: December 1973 low-frequency propagation-loss measurements at AUTECH - experiment and data processing	1977
19770095093	Properties of laser induced sound in the ocean (U)	1977
19770095095	High temperature structural design technology: Validation	1977
19770095096	Compensated imaging system, volume 2	1977
19770095097	Optical countermeasures handbook, executive summary	1977
19770095099	Effect of four-wave parametric processes on the dynamics of Stokes components of simulated Raman scattering	1977
19770095100	Development of infrared dichroic mirrors for the shared aperture program	1977
19770095101	Electro-optical target signature sensor system	1977
19770095102	InSb CID imagers	1977
19770095103	Portable Optical Sensor Tester (POST)	1977
19770095104	Modifications to the AN/SSQ-69 (XU-1) high intensity searchlight	1977
19770095105	Manufacturing Methods and Technology (MM and T) measure for fabrication of thin film aluminum oxide (Al ₂ O ₃) ion barrier 18mm microchannel plates (U)	1977
19770095106	Electro-optical sensor set (EOSS), Ex 1 Mod 0 category 2 test report (U)	1977
19770095107	SPICATE (U)	1977
19770095108	Effect of weather at Hannover, Federal Republic of Germany, on performance of electrooptical imaging systems. Part 2: Performance of 8.5-11 micrometers FLIR at low altitude (U)	1977
19770095113	Electrooptical technologies investigation (U)	1977
19770095119	Principles of relativistic microwave plasma electronics	1977
19770095120	Contribution to the theory of a vortex MHD generator with an annular channel and radial magnetic field	1977
19770095121	Field penetration in the TORTUR II liner	1977
19770095122	Quarterly title list for the period ending June 1977	1977
19770095128	Nuclear compensation of extrinsic silicon for uniform high infrared detectivity	1977
19770095129	Hardened detectors/circuits study. Volume 1: Mosaic focal planes (U)	1977
19770095130	Hardened detectors/circuits study. Volume 2: Vulnerability testing (U)	1977
19770095134	NASA applications studies: New initiatives	1977
19770095137	Sensor data correlation system development, volume 2	1977
19770095138	A guide for a United States Documents Office/Officer	1977
19770095139	R and D abstracts. Volume 35, number 12: 15 June	1977
19770095140	R and D abstracts. Volume 36, number 2: 15 July 1977	1977
19770095141	R and D abstracts. Volume 36, number 1: 1 July 1977	1977
19770095145	Reliability and maintainability test and evaluation of the model T-34C airplane	1977
19770095146	YAV-8B 15% scale powered low speed and mini speed wind tunnel test, volume 2	1977
19770095147	YAV-8B 15% scale powered low speed and mini speed wind tunnel test, volume 3	1977
19770095148	Simplified input for certain aerodynamic configurations to the grumman quick-geometry system (a PREWIK users manual)	1977
19770095149	Aerodynamic loads of the AIM-7F missile in the flow field of the F-18 aircraft at mach numbers from 0.6 to 1.6	1977
19770095150	Purpose and construction of parachutes devices, chapter 2	1977
19770095151	Reasons for certain errors in piloting	1977
19770095152	Impulse noise measurement of Stencel SEU-3 emergency escape system and canopy fragmentation system in the alpha jet airplane	1977
19770095153	AN/SPN-42T4 certification at NAS Cecil Field	1977
19770095154	Terrain contour matching TERCOM primer	1977
19770095155	Flight evaluation of the lightweight doppler navigation system, AN/ASN-128 (XE-2)	1977
19770095156	RLG technology assessment	1977
19770095162	High Altitude Supersonic Target (HAST), phase 3	1977
19770095164	Bibliography of joint aircraft survivability/ vulnerability reports and related documents	1977
19770095166	Separation characteristics of fuel tanks and selected weapon stores released from the F-16 aircraft at Mach numbers from 0.5 to 1.3	1977
19770095168	Aircraft electrical systems plan	1977
19770095169	The WKS-swidnik Mi-2	1977
19770095170	Stress analysis for aerial delivery equipment of external loads weighing up to 9,000 KG maximum	1977
19770095171	Draft rigging procedures for the multiple cargo hook YCH-47C/D	1977
19770095172	Separation characteristics of the B-61 and B-77 stores from the weapons bays of the B-1 aircraft at Mach numbers from 0.6 to 1.98	1977
19770095173	Flight characteristics of ground-effect aircraft during longitudinal travel, part 2	1977
19770095175	Development and flight-test evaluation of a self-contained infrared hover system	1977
19770095176	Performance evaluation of a TF-30-P-408 turbofan engine using AM-1 antimisting fuel additive in JP-5 at sea level static conditions	1977
19770095177	Feasibility study of a minimum redundancy fail-operational digital flight control system	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770095179	RF anechoic chamber study. Volume 3: Architectural design and cost estimate of RF anechoic chambers	1977
19770095180	An annotated bibliography on flight simulation	1977
19770095182	A white paper on the accomplishments of the DOD space test program, 1967 - 1976	1977
19770095184	GBU-15 Planar Wing Weapon (PWW)/F-4 initial operational test and evaluation test plan, 1 September 1977 - 31 Mar. 1978	1977
19770095185	The air defense interceptor missile system simulator technical effort	1977
19770095186	ASMD advanced development phase launch test vehicle flight test plan	1977
19770095189	Albatros: The Soviet shuttle	1977
19770095194	Materials research at Stanford University	1977
19770095197	Technological development of metal matrix composites for DoD application requirements. Part 2: Findings and recommendations	1977
19770095200	Fiscal 1977 contracts and projects on combustion	1977
19770095221	Combustion of aluminum-magnesium alloy particles	1977
19770095222	Combustibility of metallic powders in humid air	1977
19770095224	Investigation of trimetal material growth	1977
19770095225	Selections from Pure Steel	1977
19770095226	Quantitative analysis of hydrogen-induced cracking	1977
19770095227	Precision alloy	1977
19770095229	Study of continuous production of iron whisker	1977
19770095230	Explosive technology for fusing metals	1977
19770095231	Recent development in aluminum alloys	1977
19770095232	External influences on remelting	1977
19770095233	Low-cycle fatigue crack initiation in hy-130 systems metals: Effects of marine environments, cathodic protection, frequency, and hold-time	1977
19770095237	Bonding of phosgene with ion-exchanger resins	1977
19770095239	Lining plate	1977
19770095240	Adventurine glass	1977
19770095241	Safety and hazards of high energy propellants. A bibliography	1977
19770095243	Hazard analysis of equipment and processes used for manufacture, handling, and loading of Amatex 20	1977
19770095244	Defogging candle	1977
19770095245	Inhibited cool-burning solid gun propellant	1977
19770095246	Structure and function of combustion modifiers	1977
19770095252	RARF(Radome, Antenna and R. F. Circuitry) integration and flight test, volume 2	1977
19770095253	MEEC-3D: A system-generated electromagnetic pulse Cartesian coordinate version	1977
19770095254	Circular polarized static RCS patterns for bistatic scattering. 2: 8 deg flat and rounded-back cones, cylinders and dipoles	1977
19770095255	Design, fabrication, and testing of millimeter radiometric seeker control/power supply subassembly	1977
19770095256	RASSR analysis, test and evaluation program	1977
19770095257	Electromagnetic compatibility first article test reports (components) for the BGM-34C	1977
19770095258	Technical comparison of Comdel frequency synthesizer MPS-25 and ITT oscillator/synthesizer 0-1701/GR, supplement	1977
19770095259	Flight test evaluation of NAVELEX patrol frigate antenna	1977
19770095261	Masking speech with pulsed noise	1977
19770095262	RITA, a revolutionary system in military telecommunications	1977
19770095263	Filtration of hum by coherent detection of signals in a dissector channel	1977
19770095264	A users manual for the three-dimensional A3D electromagnetic scattering code	1977
19770095265	ECCM waveform investigation	1977
19770095266	Radar millimeter backscatter measurements from snow	1977
19770095269	The 32 KBit CCD/MNOS	1977
19770095270	Radiation hardened D/A subsystem development	1977
19770095271	Electron-beam lithographic techniques for integrated circuits	1977
19770095273	Thermionic cathodes for microwave (hyperfrequency) tubes	1977
19770095275	Qualification verification of AMF static dc voltage regulators P/N CSV1152-12A	1977
19770095276	Engineering evaluation of the EMP electronics, incorporated, P/N 3PS-277-3, 750 VA three-phase, static inverter	1977
19770095278	Presentation of a computer simulated model for predicting nonlinear distortion in a saturated or hard limited device	1977
19770095281	Design automation for VLSI	1977
19770095282	Fluid resistance testing of electrical wire used in aircraft and missiles, part 2	1977
19770095286	Heat transfer measurement in a low density super-sonic flow with the help of liquid crystals	1977
19770095287	HIG replacement test	1977
19770095288	Test and evaluation of the Simmon Super Chromega F dichroic enlarger	1977
19770095289	Test methods and theoretical considerations for modern gas filled thermometers	1977
19770095290	Military aeronautical systems materials matrix study. Volume 2: Pictorial and tabular presentations of vehicle skin material data	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770095291	Evaluation of the proposed operational test of the Ground Laser Locator Designator (GLLD OTII), Fort Carson, Colorado June - July 1977	1977
19770095292	Investigation of the high temperature kinetics of the CO ₂ gas dynamic laser	1977
19770095293	Dye laser module	1977
19770095294	Comparison of lidar techniques for measuring atmospheric water-vapor concentrations	1977
19770095295	User's guide for the phase 1 Laser Designator/Weapon System Simulation (LDWSS) of the HELLFIRE modular missile system, volume 2	1977
19770095296	Engineering design study of pre-stressed membrane mirror for HEL applications	1977
19770095297	Hydraulic drives in loading and transportation equipment	1977
19770095300	Engineering services for materials handling system Indiana AAP, phase 2	1977
19770095302	Study of the terminal ballistic effect of model fragments of various configurations and strengths	1977
19770095303	Effect of heat input on the mechanical properties of GMAW pulsed-current Ti-6Al-2Cb-1Ta-0.8 Mo weldments	1977
19770095410	Natural fragmentation of cast medium carbon steel cylinders	1977
19770095412	Root cause failure analysis of self induced oscillations on the improved HAWK missile launcher XM19 ZE1	1977
19770095415	Blast loading calculations and structural response analyses of the 1/4 scale category 1. Suppressive shield	1977
19770095416	Meteorology and hydrology no. 7, 1977	1977
19770095417	Systematic sheet line scheme for map sheets	1977
19770095418	Test of new and improved maps and map products (MAPPRO III). Phase 3: CDEC experiment FC 016	1977
19770095419	Automatic filling of stationary storage batteries	1977
19770095420	One hundred hours of U-25 operation	1977
19770095421	Translations on environmental quality	1977
19770095422	Hail prevention	1977
19770095423	Biomedical applications team	1977
19770095424	Applications of aerospace technology in biology and medicine	1977
19770095425	Translations on USSR science and technology Biomedical Sciences, GUO 34/77	1977
19770095426	Translations on USSR science and technology Biomedical Sciences, GUO 35/77	1977
19770095427	Translations on USSR science and technology Biomedical Sciences, GUO 36/77	1977
19770095428	Military Medical Journal, no. 4	1977
19770095429	Some psychophysiological characteristics of flight formation	1977
19770095430	A method of evaluating the functional status of pilots using chronometric parameters of a simple motor reaction	1977
19770095431	Cardiovascular evaluation of US Air Force personnel	1977
19770095433	Medical support of flights in the period of retraining in new aircraft technology	1977
19770095434	Vestibular stability in flying personnel with gastrointestinal diseases	1977
19770095435	Engineering psychology	1977
19770095436	Undergraduate pilot training. Instrument flight simulator (UPT-IFS) follow-on operational test and evaluation FOT and E. Annex C. Instrument flight trainers	1977
19770095438	Crew motion design criteria handbook	1977
19770095439	Study of reactive materials for development of new protective clothing concepts	1977
19770095440	Polyurethane in footwear	1977
19770095441	TOW system evasive targets simulator, Fort Benning, Georgia, July 1977	1977
19770095442	Protection given by ear muffs against Howitzer noise	1977
19770095444	MMI-301 emulation using the AN/UYK-30 module set	1977
19770095445	GVS-100 hybrid computer system, design manual, collection of articles	1977
19770095446	Mathematical aspects of the GVS-100 hybrid computer system, language SAAP-Sixth issue	1977
19770095447	The NSWC logic simulation program user manual	1977
19770095448	Manual for a Conversationally Oriented Real-time Program-generating System (CORPS)	1977
19770095449	DATANET 700 RNP type RCP707 system. Users manual	1977
19770095450	FORSTAT GRASPOP and COBOL reports handbook	1977
19770095451	FTD user communications interface	1977
19770095453	Scan Analysis Aids System (SAAS)	1977
19770095463	Signal processing for high density focal plane FLIR	1977
19770095471	Translations on USSR science and technology physical sciences and technology (GUO 45/77)	1977
19770095472	Translations on USSR science and technology physical sciences and technology, GUO 43/77	1977
19770095473	Translations on USSR science and technology physical sciences and technology, GUO 46/77	1977
19770095474	Surface acoustic wave burst processor	1977
19770095482	Background Optical Suppression Scheme (BOSS)	1977
19770095483	Applications of fiber optics new bearing inspection	1977
19770095485	Portable Optical Sensor Tester (POST) evaluation test report. Volume 1: POST acceptance test results	1977
19770095486	Parameter study of a screw-pinch reactor with circular cross-section	1977
19770095487	Phenomenological equations for reacting fluids	1977
19770095488	Measurements of dispersion relation of waves in a turbulently heated plasma by microwave scattering method	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19770095489	Magnetohydrodynamic instabilities in a stellarator	1977
19770095490	Nonlinear self-modulation of ion-acoustic waves	1977
19770095491	Direct- and cross-polarized scatter from a turbulent laboratory plasma	1977
19770095493	Study of wavelength conversion concept	1977
19770095494	Technology application center quarterly report, July - September 1977	1977
19770095498	France: Nuclear, missile, and space developments, GUO no. 434	1977
19770095500	YAV-8B transonic wind tunnel 9-1/2 percent flutter model test	1977
19770095501	The potential of the airship as a future transportation system	1977
19770095503	YAV-8B 15% scale powered low speed and minispeed wind tunnel test, volume 1	1977
19770095504	Operational evaluation of the CH-46E	1977
19770095505	C-130E Hercules aircraft: Review of published literature and structured interviews	1977
19770095506	Rescue hoist loading during helicopter recovery of torpedo MK 48	1977
19770095507	Stowable skirt recovery system	1977
19770095508	F-14A airplane asymmetric flap/slat flying qualities evaluation	1977
19770095509	Study of airborne plasma panel display manufacturers	1977
19770095510	Reliability of the hydraulic devices of aircraft	1977
19770095513	Application of FASTOP to the flutter and strength design of military flight vehicles. Volume 1: F-16 wing/store flutter	1977
19770095514	DT and E of the Weapon System Evaluator (WSE)	1977
19770095515	Test loading: Astrophysical research vehicle on C-5 aircraft	1977
19770095545	Evaluation of combustion/nozzle gas-dynamics models for liquid rocket engine applications	1977
19770095550	Superplasticity of structurally heterogeneous metallic materials	1977
19770095551	Explosion-tear test performance of 2-inch thick Ti-6Al-2Cu-1Ta-0.8Mo alpha-beta processed plate and weldments	1977
19770095553	Fabrication and evaluation of new resins	1977
19770095554	Flares containing barium nitrate as an oxidizer	1977
19770095555	Utilization and disposal of solid propellant and explosive wastes	1977
19770095556	Naval propulsion with superconducting machines	1977
19770095558	Finite difference solutions of electromagnetic scattering problems using program A3D	1977
19770095559	Radio links of the space information-carrying system, chapter 2	1977
19770095560	Adaptive array for upgraded packet radio	1977
19770095561	UHF SATCOM intermodulation study	1977
19770095562	Radio data link, sound ranging, AN/GRA-114	1977
19770095563	Flush mounted DF antenna	1977
19770095564	Development test 3 of test facilities kit, MK-980A/PPS-5	1977
19770095568	Investigation of shock wave-turbulent boundary layer interactions at transonic speeds	1977
19770095570	Evacuated load-bearing high performance insulation study	1977
19770095573	Penetration modelling of missile debris	1977
19770095575	Discharge and nondestructive test results on lithium-lead iodide solid electrolyte batteries	1977
19770095579	Antidote for hydrocyanic acid poisoning	1977
19770095580	Independent evaluation report for DT 2 of the boot, ski-mountain	1977
19770095581	An interactive graphics postprocessor for finite element method results	1977
19770095582	An interactive graphics finite element method grid generator for two-dimensional problems	1977
19770095583	MNOS characteristic study	1977
19770095586	Economics of system safety engineering	1977
19770095587	Development and the application of the source of intense electron beams	1977
19770095588	FLIR prediction modification to the Experimental Radar Prediction Device (ERPD)	1977
19770095589	An improved method of forecasting demands for Air Force Logistics Command economic order quantity items based on aircraft flying hour programs	1977
19770095590	The Personalized Portable Micromedia Display System (PPMDS) project. 2: Synopsis of a test plan	1977
19770095591	Technology transfer: Transportation	1977
19770095592	Considerations for a NASA study program on transportation and developing countries	1977
19770095593	Evaluation of astronomical telescope performance and the design of rich field instruments	1977
19770095594	Journal of Naval Science, volume 3, no. 3	1977
19770095595	Obtaining hazard functions from Weibull plots	1977
19770095596	The AOL vertical rolling contact fatigue rig	1977
19770095597	The engima of time	1977
19770095598	The end of an era	1977
19780002058	Aeronautical Engineering: A special bibliography with indexes, supplement 86	1977
19780002169	Singular perturbations in flight mechanics	1977
19780002660	Energy in developing countries: Prospects and problems	1977
19780002662	UK experience of planning the nuclear contribution to the UK power programme	1977
19780002700	The Zhamanshin Meteorite Crater (The Northern Near-Aral, USSR), and Its Tektites and Impactites	1977
19780003025	LANDSATS role in an earth resources information system: National Aeronautics and Space Administration. Office of Science and Technology Policy	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780003079	Wind shear modeling for aircraft hazard definition	1977
19780003190	Network functions and facilities	1977
19780003191	The DSN programming system	1977
19780003192	DSN monitor and control system, Mark 3-77	1977
19780003193	Viking extended mission support	1977
19780003194	Pioneer mission support	1977
19780003195	Helios mission support	1977
19780003196	Near sun ranging	1977
19780003197	Feasibility study of far-field methods for calibrating ground station delays: An interim report	1977
19780003198	A technique to determine uplink range calibration due to charged particles	1977
19780003199	Doppler profiles of radio frequency interference	1977
19780003200	Sampled-data system analysis of antenna conical-scan tracking	1977
19780003201	Antenna pointing subsystem drive tape generator: Another new interface	1977
19780003202	An MBASIC user profile	1977
19780003203	CRISPFLOW, a structured program design flowchart	1977
19780003204	The CTA 21 radio science subsystem: Non real-time bandwidth reduction of wideband radio science data	1977
19780003205	Electron Density in the extended corona: Two views	1977
19780003206	S-/X-band microwave optics design and analysis for DSN 34-meter diameter antenna	1977
19780003207	Configuration control and audit assembly	1977
19780003208	Microcomputer central processing unit module	1977
19780003209	Fast algorithms for computing mersenne-prime number-theoretic transforms	1977
19780003210	GCF central performance monitor: Functional description	1977
19780003211	A thermodynamic analysis of a solar-powered jet refrigeration system	1977
19780003212	Estimated displacements for the VLBI reference point of the DSS 14 antenna	1977
19780003213	Dynamic modeling and sensitivity analysis of solar thermal energy conversion systems	1977
19780003281	Fire toxicology: Methods for evaluation of toxicity of pyrolysis and combustion products	1977
19780003609	National geodetic satellite program, part 2	1977
19780003612	National geodetic satellite program, part 2	1977
19780003615	Energization of polar-cusp electrons at the noon meridian	1977
19780003762	Summary Report: Workshop on Vehicle Ride Quality	1977
19780003951	Alternative concepts for underground rapid transit systems, executive summary	1977
19780004009	The Aerospace Corporation space sciences program	1977
19780004090	Effects of External Stores on the Aerodynamic Characteristics of a 60 Deg Delta-Wing Fighter Model at Mach 1.60 to 2.87	1977
19780004424	Investigation of pressure oscillations in axi-symmetric cavity flows, phase 1	1977
19780004571	Airborne spectroradiometer data compared with ground water-turbidity measurements at Lake Powell, Utah. Correlation and quantification of data	1977
19780004686	Forecasting thunderstorms over a 2- to 5-h period by statistical methods	1977
19780004701	Remote sensing of oceanic parameters during the Skylab/gamefish experiment	1977
19780004896	Plasma focus	1977
19780005049	NRL/ATM user's guide to experiment S082A	1977
19780005055	Aeronautical Engineering: A special bibliography with indexes, supplement 88	1977
19780005086	Effects of landing approach methods and separation intervals on single runway landing capacity	1977
19780005266	Improved ceramic heat exchanger material	1977
19780005781	Aerospace Medicine and Biology: A continuing bibliography with indexes, supplement 173	1977
19780007059	Nonlinear aeroelastic equations for combined flapwise bending, chordwise bending, torsion, and extension of twisted nonuniform rotor blades in forward flight	1977
19780007506	Investigation of the structure of a cooled wall turbulent supersonic boundary layer	1977
19780007603	LANDSAT non-US standard catalog, 1 - 31 October 1977	1977
19780007611	LANDSAT US standard catalog, 1 - 31 August 1977	1977
19780007612	LANDSAT: Non-US standard catalog, 1-30 September 1977	1977
19780007961	Preliminary results from the electron beam-plasma	1977
19780008001	Research and development: An impact on growth	1977
19780008045	Aero-Acoustic Tests of Duct-Burning Turbofan Exhaust Nozzles. Comprehensive Data Report. Volume 1: Model Scale Acoustic Data	1977
19780008046	Aero-Acoustic Tests of Duct-Burning Turbofan Exhaust Nozzles. Comprehensive Data Report. Volume 2: Acoustic and Aerodynamic Data	1977
19780008047	Aero-acoustic tests of duct-burning turbofan exhaust nozzles. Comprehensive data report. Volume 3: Acoustic and aerodynamic data curves	1977
19780008602	World weather program plan for fiscal year 1978	1977
19780008642	Study of the biological effects of long-term weightlessness in laboratory model experiments on mammals	1977
19780008934	Diagnostics used at TFR Tokamak	1977
19780008993	Costs and energy efficiency of a dual-mode system	1977
19780009146	Summary of Scientific results	1977
19780009147	Mission description	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780009148	Soft X-ray observations: Experiment MA-048	1977
19780009149	Extreme ultraviolet survey: Experiment MA-083	1977
19780009150	Interstellar helium glow: Experiment MA-088	1977
19780009151	Artificial solar eclipse: Experiment MA-148	1977
19780009152	Crystal activation: Experiment MA-151	1977
19780009154	Stratospheric aerosol measurements: Experiment MA-007	1977
19780009155	Doppler tracking: Experiment MA-089	1977
19780009156	Geodynamics: Experiment MA-128	1977
19780009157	Light flash observations: Experiment MA-106	1977
19780009158	Biostack 3: Experiment MA-107	1977
19780009159	Zone-forming fungi: Experiment MA-147	1977
19780009160	Microbial exchange: Experiment AR-002	1977
19780009161	Cellular immune response: Experiment MA-031	1977
19780009162	Polymorphonuclear leukocyte response: Experiment MA-032	1977
19780009163	Killfish hatching and orientation: Experiment MA-161	1977
19780009164	Electrophoresis technology: Experiment MA-011	1977
19780009165	Electrophoresis: Experiment MA-014	1977
19780009166	Multipurpose Electric furnace: Experiment MA-010	1977
19780009167	Surface-tension-induced convection: Experiment MA-041	1977
19780009168	Monotectic and syntectic alloys: Experiment MA-044	1977
19780009169	Interface marking in crystals: Experiment MA-060	1977
19780009170	Zero-g processing of magnets: Experiment MA-070	1977
19780009171	Crystal growth from the vapor phase: Experiment MA-085	1977
19780009172	Halide eutectic growth: Experiment MA-131	1977
19780009173	Multiple materials melting (Metals): Part of experiment MA-150	1977
19780009174	Multiple materials melting (Germanium-Silicon Solid Solutions): Part of experiment MA-150	1977
19780009175	Crystal growth: Experiment MA-028	1977
19780009176	Recovery of atmospheric parameters from radio tracking data of the geodynamics experiment, appendix A	1977
19780009481	Earth Resources: A continuing bibliography with indexes, issue 14, July 1977	1977
19780009505	LANDSAT US standard catalog	1977
19780009506	LANDSAT non-US standard catalog	1977
19780009834	Harmonic regression	1977
19780010081	An analysis of three weather-related aircraft accidents	1977
19780010225	The thermodynamic properties of slush hydrogen and oxygen	1977
19780010332	Interaction of electromagnetic and acoustic waves in a stochastic atmosphere	1977
19780010574	Hot forming of silicon sheet, silicon sheet growth development for the large area silicon sheet task of the low cost silicon solar array project	1977
19780010575	Synthesis of silane and silicon in a non-equilibrium plasma jet	1977
19780010828	The search for extraterrestrial intelligence (SETI)	1977
19780011082	Energetic electrons at the synchronous altitude, 1974 - 1977	1977
19780011156	Proceedings of the Navy/NASA VSTOL Flying Qualities	1977
19780011160	V/STOL Flying Qualities Requirements in the UK	1977
19780011164	The STO Deck Launch Problem	1977
19780011165	Shipboard Testing of the AV-8A Harrier	1977
19780011166	Analysis of the influence of the OGE/IGE transition on VAK-191B flying qualities in hover	1977
19780011172	The helicopter/ship dynamic-interface problem: A new approach	1977
19780011176	VTOL/Helicopter approach and landing guidance sensors for Navy ship applications	1977
19780011612	LANDSAT US standard catalog, 1-31 December 1977	1977
19780011613	LANDSAT non-US standard catalog, 1-31 December 1977	1977
19780011621	An investigation of agricultural and other earth resource parameters using LANDSAT and other remote sensing data. A: LANDSAT. B: Remote sensing of volcanic emissions	1977
19780012071	NASA patent abstracts bibliography: A continuing bibliography. Section 2: Indexes (supplement 11)	1977
19780012159	Cockpit displayed traffic information study, part 2	1977
19780012205	Smoke abatement for DOD test cells	1977
19780012624	Applications of remote sensing in resource management in Nebraska	1977
19780012745	VLF transmission induced slot electron precipitation	1977
19780013234	Tsiolkovsky's Ideas on Cosmonautic Problems	1977
19780013293	Research investigation directed toward extending the useful range of the electromagnetic spectrum	1977
19780013775	World weather program. Plan for fiscal year 1978	1977
19780013981	Ionization equilibrium and radiative energy loss rates for C, N, and O ions in low-density plasmas	1977
19780014430	Vibration of bearings	1977
19780014511	Assessment of aquatic vegetation with satellite-derived data	1977
19780014677	Summary of past findings in biomedical research accumulated during Apollo and Skylab missions	1977
19780015052	An observational search for solar pulsations at periods from seven to seventy minutes.	1977
19780015053	An observational search for large-scale organization of five-minute oscillations on the sun	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780015054	On the supposed anticorrelation of solar polar and equatorial rotation rates	1977
19780015326	Development and verification of simulation models for analyzing orbiter digital communication and data links and onboard monitoring parameter correlations, volume 1	1977
19780015328	Phase-lock loop models for SYSTID simulations, volume 4	1977
19780015329	SYSTID for the NASA-JSC user, volume 5	1977
19780015558	Remote sensing applications to a partial area model	1977
19780016341	Development, flight performance, and test results for two single-stage malemute rocket vehicles launched at Tonopah test range	1977
19780016432	Steam reforming of methyl fuel, phase 1	1977
19780016437	Performance evaluation of a catalytic partial oxidation hydrogen generator using turbine engine fuels	1977
19780016682	Evaluation of selected chemical processes for production of low-cost silicon, phase 2	1977
19780016690	Silicon sheet growth by the inverted Stepanov technique	1977
19780016699	Energy requirement for the production of silicon solar arrays	1977
19780016705	Silicon halide-alkali metal flames as a source of solar grade silicon	1977
19780016709	Development of mullite substrates and containers. Silicon sheet growth development for the large area silicon sheet task of the low-cost silicon solar array project	1977
19780016723	Computer program for design and performance analysis of navigation: Aid power systems, program summary	1977
19780016724	Computer program for design and performance analysis of navigation-aid power systems program documentation. Volume 2: User's manual	1977
19780016725	Computer program for design and performance analysis of navigation-aid power systems program documentation. Volume 3: Programmer's manual	1977
19780016731	ERDA/NASA advanced thermionic technology program	1977
19780016823	Statistical analysis of NOAA solar/weather tapes. Program summary	1977
19780016892	Data representations in PDP-10 MacLISP	1977
19780017015	Electronic and optical properties of SbSBr, SbSI and SbSeI	1977
19780017081	Catalog and preliminary description of Luna 24 samples presented to the USA	1977
19780017638	Systems aspects of large-scale solar energy conversion	1977
19780018094	Energy aspects on aerobic and anaerobic processing of sewage	1977
19780018496	Remote sensing using tunable lasers	1977
19780019369	Surface of offset dual reflector antenna	1977
19780019634	International energy trends: Monthly supplement on oil trends	1977
19780019767	Further studies of the impact of waste heat release on stimulated global climate, part 2	1977
19780020215	Space Shuttle Pogo Prevention	1977
19780021084	A study of large-scale solar magnetic and velocity fields	1977
19780021756	Simulation and analysis of wind shear hazard	1977
19780022036	Union list of serials, 1977, second edition	1977
19780022209	Environment and test specification levels ground support equipment for space shuttle system launch complex 39. Volume 2: Thermal and pressure. Part 1: Heating rates, pressure loads, and plume flow fields	1977
19780022210	Environment and test specification levels ground support equipment for space shuttle system launch complex 39. Volume 2: Thermal and pressure. Part 2: Specific temperatures of selected parts of LC-39	1977
19780022739	Wind power	1977
19780024341	Methanol from natural gas for engine fuel	1977
19780024374	Some regularities of the radiothermal radiation emitted in the system underlying surface-atmosphere with convective clouds	1977
19780031269	Effect of sterilization on the scientific value of a returned Mars soil sample	1977
19780031270	Detection of optical asymmetry in amino acids by gas chromatography for extraterrestrial space exploration - Results of a new soil processing scheme with breadboard instrumentation	1977
19780031272	Evidence for propagation of aerobic bacteria in particles suspended in gaseous atmospheres	1977
19780031274	Isolation and characterization of omnitherms and facultative anaerobes from Cape Canaveral soil samples	1977
19780031275	Determinations of microbial loads associated with microscopic-size particles of Kennedy Space Center soil	1977
19780031276	Morphology of extremely heat-resistant spores from Bacillus sp. ATCC 27380 by scanning and transmission electron microscopy	1977
19780031277	Anaerobic utilization of phosphite/phosphine as a sole source of phosphorus - Implication to growth in the Jovian environment	1977
19780031278	Photochemical synthesis of organic compounds on Jupiter initiated by the photolysis of ammonia	1977
19780031279	Some general principles of planetary quarantine leading to an assessment of the limitations to growth of micro-organisms on Uranus and Neptune	1977
19780031291	Medically important micro-organisms recovered from Apollo-Soyuz Test Project /ASTP/ crew members	1977
19780070081	Results of test CA17 conducted in the UWAL low speed wind tunnel using the mated 0.04-scale 747 model AX1284 space shuttle orbiter model 43-0	1977
19780070082	Wind tunnel test OA175 of the 0.030-scale SSV orbiter model (47-0) in the 11 by 11-foot leg of the NASA/ARC unitary plan wind tunnel (OA175), volume 1	1977
19780070192	Development of a global pollution model for CH4 and CO	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780070238	Segment user's manual: A computer program to predict comfort and satisfaction of aircraft passengers	1977
19780070295	Characterization of Lunar Ferromagnetic Phases by the Effective Linewidth Method	1977
19780070339	Analytical studies of separated vortex flow on highly swept wings	1977
19780070354	Head-Up Display (HUD). Simulation report	1977
19780070355	Civil helicopter research aircraft internal noise reduction	1977
19780070389	Catalysts for electrochemical generation of oxygen	1977
19780070622	Ionosphere research	1977
19780070662	Pilot interaction with automated airborne decision making systems	1977
19780070792	A report on the evaluation of the performance of the Smithsonian Institution Astrophysical Observatory VLG-11 atomic hydrogen masers	1977
19780070795	Electric currents in cosmic plasmas	1977
19780070803	Wing: Supercritical	1977
19780070829	Results of base heating investigations on a 0.04 scale space shuttle orbiter base (model 25-0) in the NASA/LeRC space power facility (OH64)	1977
19780070832	Wind tunnel test OA175 of the 0.030-scale SSV orbiter model (47-0) in the 11 by 11 foot leg of the NASA/ARC unitary plan wind tunnel (OA175), volume 3	1977
19780070833	Results of tests using a 0.010-scale SSV model 75-OTS in the AEDC VKF tunnel A (IA40)	1977
19780070834	Dual mode acoustic cavity technology	1977
19780070932	Hamiltonian formulation of gasdynamics	1977
19780071091	Definition of future SST required pollution characteristics as a function of fuel use, flight Mach number, and altitude	1977
19780071116	Iceland field itinerary. Basaltic volcanism study project. Team 5: Distribution and morphology of basalt deposits on planets	1977
19780071117	Papers presented to the Second Inter-Team Meeting of the Basaltic Volcanism Study Project, volume 1	1977
19780071119	Ionospheric research	1977
19780071135	Organic microstructures and terrestrial protocells	1977
19780071137	The Stanford University biomedical applications team	1977
19780071252	Radiative transfer in realistic planetary atmospheres	1977
19780071253	Cloud containment by a flux of particles	1977
19780071272	Life sciences spacelab mission development and technical program planning studies	1977
19780071278	Effect of SILTS pod on the low supersonic aerodynamic characteristics of a 0.015-scale shuttle orbiter model (44-0) tested in the NASA/LaRC 4-foot UPWT (leg 1) (LA110)	1977
19780071279	Effect of SILTS pod on the transonic aerodynamic characteristics of a 0.015-scale shuttle orbiter model (44-0) tested in the NASA/LaRC 8-foot TPT (LA111)	1977
19780071280	A study of transonic beta hysteresis of a 0.015 scale model 44-0 space shuttle orbiter tested in the NASA LaRC 8-foot transonic pressure tunnel	1977
19780071281	Aeronoise test results using a 0.040-scale shuttle vehicle configuration 2A model (11-OTS) in the Ames Research Center unitary plan wind tunnels (IS1A/B/C and OS3)	1977
19780071283	Aerothermodynamic data base: Data file contents report phase C	1977
19780071401	Structural reliability and robustness properties of optimal linear-quadratic multivariate regulators	1977
19780071499	Space Orbiting Light Augmentation Reflector Energy System (SOLARES)	1977
19780071664	Myocardial oxygen sensing electrodes for chronic implantation	1977
19780071666	Final report, 1 December 1968 - 30 November 1973	1977
19780071669	Extended perfusion for long-term preservation of whole hearts	1977
19780071723	Analysis of nuclear induced plasmas by means of kinetic theory	1977
19780071743	Theory of the properties of materials used in solid-state sensors	1977
19780071780	Carbon and carbon products	1977
19780071809	Detection of HD on Saturn and Uranus, and the D/H ratio	1977
19780071822	Results of SRB separation tests using the 0.010-scale SSV model 75-OTS in the AEDC VKF Tunnel A (IA142), volume 2	1977
19780071823	Results of SRB separation tests using the 0.010-scale SSV model 75-OTS in the AEDC VKF Tunnel A (IA142), volume 3	1977
19780071824	Ground proximity tests of the 0.03-scale (45-0) space shuttle orbiter in the Rockwell International NAAL low speed wind tunnel (OA-250)	1977
19780072072	Fiber reinforcement and surface protection of selected titanium alloys	1977
19780072242	The annual cycle in planetary radiation exchange with space	1977
19780072247	Parameterization of gaseous constituencies concentration profiles in the planetary boundary layers as required in support of airborne and satellite-borne sensors	1977
19780072280	Mesoscale temperature and moisture fields from satellite infrared soundings	1977
19780072281	A comparison of satellite rainfall-estimation techniques over the gate area	1977
19780072298	The auditory neural network in man	1977
19780072299	Habituation and attention in the auditory system, chapter 8	1977
19780072300	Scalp topography of the P3 wave in different auditory decision tasks	1977
19780072326	On the relationship between reliability and linear quadratic optimal control	1977
19780072383	Jupiter	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780072387	A study of core samples 74001 and 74002; interpretation of the eruptive history at a volcanic vent in the Valley of Taurus-Littrow	1977
19780072388	The cosmic ray antiproton flux: An upper limit near that predicted for secondary production	1977
19780072511	An experimental investigation into improving fuel economy in a general aviation piston engine	1977
19780072593	Advanced cryogenic tankage	1977
19780072739	Silicon ribbon growth by a capillary action shaping technique	1977
19780072741	Silicon materials task of the low cost solar array project, phase 2	1977
19780072742	Automated array assembly	1977
19780072743	Large area silicon sheet by EFG	1977
19780072745	Slicing of silicon into sheet material: Silicon sheet growth development for the large area silicon solar array project	1977
19780072746	Semiconductor grade, solar silicon purification project	1977
19780072747	Novel duplex vapor-electrochemical method for silicon solar cells	1977
19780072749	Solar silicon via improved and expanded metallurgical silicon technology	1977
19780072750	Development of a process for high capacity arc heater production of silicon for solar arrays	1977
19780072751	Development of low-cost, high energy-per-unit-area solar cell modules	1977
19780072752	Development and testing of shingle-type solar cell modules	1977
19780072753	Analysis of effects of impurities intentionally incorporated into silicon	1977
19780072890	Dry heat destruction of spores on metal surfaces and on potatoes during baking	1977
19780073009	Frame-transformation approximation for low-energy electron minus sigma hyperon-1-plus systems using the non-iterative integral equation method	1977
19780073098	Dynamic characteristics of rotor blades with pendulum absorbers	1977
19780073171	Product distributions and rate constants for the reactions of CH ₃ (+), CH ₄ (+), C ₂ H ₂ (+), C ₂ H ₃ (+), C ₂ H ₄ (+), C ₂ H ₅ (+), and C ₂ H ₆ (+) ions with CH ₄ , C ₂ H ₂ , C ₂ H ₄ and C ₂ H ₆	1977
19780073242	Tunnel warehouses	1977
19780073475	Short term relationships between solar plages, solar centrimetric radio flux, and the vorticity of the earth's atmosphere	1977
19780073523	Chronic heat exposure and intestinal absorption of sugars in the hamster	1977
19780073617	Observations pertaining to the dynamics of the plasma sheet	1977
19780073631	Einstein-Kanzaki model of static and dynamic lattice relaxation: Application to vacancies in metallic hydrogen	1977
19780073825	Full-coverage film cooling: 3-dimensional measurements of turbulence structure and prediction of recovery region hydrodynamics	1977
19780074009	Correlated electric field and low-energy electron measurements in the low-altitude polar cusp	1977
19780074181	Hugh Latimer Dryden, 1898-1965	1977
19780074223	Influence of gravity and applied side forces on the stability of a spinning projectile	1977
19780074224	Laser-velocimeter surveys of merging vortices in a wind tunnel	1977
19780074325	The PVT surface of simple liquids at densities near melting	1977
19780074773	Trace element partitioning between ionic crystal and liquid	1977
19780074822	The isothermal dust condensation of Nova Vulpeculae 1976	1977
19780074825	Numerical study on the atmospheric circulation of Venus	1977
19780074907	Study of elastomer-modified polyimide systems	1977
19780074961	JAN transistor and diode characterization test program	1977
19780074962	JAN transistor and diode characterization test program: JANTX diode 1N2989B	1977
19780074963	JAN transistor and diode characterization test program: JANTX diode 1N3893	1977
19780075157	EUV absorption analysis of thermospheric structure from AE-satellite observations of 1974 - 1976	1977
19780075420	JAN transistor and diode characterization test program: JANTX diode 1N972B	1977
19780075421	JAN transistor and diode characterization test program: JANTX transistor 2N2432A	1977
19780075422	JAN transistor and diode characterization test program: JANTX transistor 2N2484	1977
19780075423	JAN transistor and diode characterization test program, final reprot for JANTX transistor 2N4150	1977
19780075427	JAN transistor and diode characterization test program: JANTX transistor 2N2060	1977
19780075711	JAN transistor and diode characterization test program, final report for JANTX diode 1N645-1	1977
19780075712	JAN transistor and diode characterization test program: JANTX diode 1N937B	1977
19780075713	JAN transistor and diode characterization test program: JANTX diode 1N981B	1977
19780075714	JAN transistor and diode characterization test program: JANTX diode 1N1202A	1977
19780075715	JAN transistor and diode characterization test program, final report for JANTX diode 1N2970B	1977
19780075716	JAN transistor and diode characterization test program, final report for JANTX diode 1N4570A	1977
19780075717	JAN transistor and diode characterization test program, final report for JANTX diode 1N5415	1977
19780075718	JAN transistor and diode characterization test program, final report for JANTX diode 1N5420	1977
19780075719	JAN transistor and diode characterization test program, final report for JANTX diode 1N5550	1977
19780075720	JAN transistor and diode characterization test program: JANTX diode 1N5614	1977
19780075721	JAN transistor and diode characterization test program: JANTX diode 1N5618	1977
19780075722	JAN transistor and diode characterization test program, final report for JANTX transistor 2N2605	1977
19780075723	JAN transistor and diode characterization test program: JANTX transistor 2N2905A	1977
19780075724	JAN transistor and diode characterization test program: JANTX transistor 2N2920	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780075725	JAN transistor and diode characterization test program, final report for JANTX dual transistor 2N3811	1977
19780075851	Regional technology transfer program	1977
19780076122	Final Report	1977
19780076496	Process Feasibility Study in Support of Silicon Material Task 1	1977
19780076498	Continuous Czochralski growth: Silicon sheet growth development of the large area silicon sheet task of the low cost silicon solar array project	1977
19780076504	General Specification for Space Silicon Solar Cell Assemblies	1977
19780076635	Effects of horizontally two-dimensional bodies on the mass transport near the bottom of the sea	1977
19780076655	Secondary visual workload capability with primary visual and kinesthetic-tactual	1977
19780076829	A new temperature scale for B stars based on OAO-2 data	1977
19780076835	Recent studies of Saturn's rings	1977
19780077321	Material for Advanced Turbine Engines (MATE)	1977
19780077422	NOAA rocket ion mass spectrometer instrument log	1977
19780077454	Phase 1 of the automated array assembly task of the low cost silicon solar array project	1977
19780077486	Coal pump development and technical support	1977
19780077539	Statistical distribution of sharp depletions in atomic ions observed on OGO-VI at high altitude	1977
19780077840	LSSA, Low-cost Silicon Solar Array project	1977
19780077848	Phase 1 of the automated array assembly task of the low cost silicon solar array project	1977
19780077849	Phase 1 of the automated array assembly task of the low cost silicon solar array project	1977
19780077857	Development of a process for high capacity arc heater production of silicon for solar arrays	1977
19780077859	Metallization of large silicon wafers	1977
19780077866	Automated array assembly, phase 2	1977
19780077984	Towards a cosmic language	1977
19780078196	NASA films	1977
19780078324	Phase 2 of the automated array assembly task of the low cost silicon solar array project	1977
19780078447	NASA Headquarters supervisor's guide. Volume 2: Awards	1977
19780078448	NASA Headquarters supervisor's guide. Volume 3: Correcting work performance problems	1977
19780078449	NASA Headquarters supervisor's guide. Volume 1: Work planning and progress review	1977
19780078451	NASA Headquarters supervisor's guide. Volume 4: Leave administration	1977
19780078452	NASA Headquarters supervisor's guide. Volume 5: Labor-management relations	1977
19780078581	DC-9 landing gear math model for directional control on runway flight simulation	1977
19780078680	The Use of LANDSAT Digital Data and Computer Implemented Techniques for Whitetail Deer Habitat Assessment	1977
19780078714	NASA/DOE advanced thermionic technology program	1977
19780078747	Radiation heat transfer between the human body and a completely surrounding garment	1977
19780079238	Cenozoic explosive volcanism related to east and southeast Asian arcs	1977
19780079425	Icarus meeting report: International Symposium on Planetary Atmospheres	1977
19780079467	Aborted space disposal of hazardous material: The long-term risk of earth reencounter	1977
19780079992	Calculation of multi-photon ionization processes	1977
19780080117	Feasibility study of modern airships (phase 2). Volume 3: Naval airship feasibility study. Book 1: Parametric analysis	1977
19780080119	Aerodynamic characteristics of 1/4-scale model of ALRAAM missile configuration at supersonic speeds (U)	1977
19780080129	Supersonic cruise vehicle technology assessment study of an over/under engine concept	1977
19780080130	Technology application study of a supersonic cruise vehicle	1977
19780080133	Quiet short haul aircraft phase 1 flight simulation investigation. Volume 1: Results: Flying qualities and flight control system design requirements	1977
19780080134	Supersonic cruise research airplane study	1977
19780080136	Load and dynamic assessment of B-52B-008 carrier aircraft for configuration 1 and 2 space shuttle solid rocket booster decelerator subsystem drop test vehicles. Volume 1: Summary	1977
19780080140	Effect of pressure and temperature on the subsonic stall flutter region of a YF100 engine	1977
19780080147	Core turbine aerodynamic evaluation: Test data from second cooled turbine with combinations of cooled and solid vanes and blades (U)	1977
19780080153	Prospects for space exploration	1977
19780080154	The interkosmos program	1977
19780080159	Advanced technology requirements for large space structures. Part 3: Flight experiment description	1977
19780080160	OAST Space Systems Studies Review Meeting	1977
19780080161	Advanced space planning and conceptual analysis. Volume 1: Executive summary	1977
19780080162	Advanced space planning and conceptual analysis. Volume 3: Assessment of man in space	1977
19780080163	Advanced space planning and conceptual analysis. Volume 2: Initiative transportation analysis	1977
19780080165	Large space systems and technology requirements extracted from OAST space systems technology model	1977
19780080169	Advanced Technology Laboratory experiment systems definition. Volume 2: Mission analysis and planning. Part 2: Flight plan, payload 2	1977
19780080170	Advanced technology laboratory experiment systems definition. Volume 5: System development planning. Part 2: Ground operations plan	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080171	Nuclear waste disposal mission analysis	1977
19780080172	A2/OI-1 SPS postsimulation report: Evaluation of second-stage/orbit insertion shuttle ascents	1977
19780080175	Study of high speed oblique wing cruise missiles (U)	1977
19780080192	Mission operation report: Delta launch Italian industrial oriented research satellite (SIRIO)	1977
19780080193	Mission operation report: Voyager program	1977
19780080194	International Sun-Earth explorers ISEE-A/B mission operation report	1977
19780080196	Rarefied flow external tank aerodynamic heating, volume 2	1977
19780080197	External tank surface roughness heating, volume 3	1977
19780080198	Shuttle derivative vehicles study - operations, systems and facilities. Volume 1: Executive summary	1977
19780080199	Shuttle derivative vehicles study - operations, systems, and facilities. Volume 2: Final report and cost summary	1977
19780080200	Shuttle derivative vehicles study - operations, systems, and facilities. Volume 3: Supporting research and technology	1977
19780080201	Shuttle derivative vehicles study - operations, systems, and facilities. Volume 4: Implementation plan	1977
19780080206	Space shuttle L-tube radiator testing structural evaluation	1977
19780080208	Spacelab utility for DoD	1977
19780080210	Shuttle program: Baseline OFT abort plan	1977
19780080216	Analysis of the shuttle air data system	1977
19780080217	Shuttle derivative vehicles study: Operations, systems and facilities, volume 5	1977
19780080225	Study of improved resins for advanced supersonic technology composites. Phase 3, Part 3: Phthalonitrile-capped polyetherimides as matrix resin for graphite fiber composites	1977
19780080230	Monomethylhydrazine propellant/material compatibility investigation and results	1977
19780080238	Procedures for the characterization of linear arrays	1977
19780080241	Generalized model of a reversible block of electromagnetic clutches	1977
19780080244	Spaceborne antenna and microwave system	1977
19780080253	Focusing Bragg crystal polarimeter and conical Bragg crystal spectrometer for flight on Spacelab/Shuttle missions	1977
19780080254	Definition study of a microwave radiometer system for the ATL atmospheric sensing module	1977
19780080255	Special programs office sensor capability handbook and data sheets. Volume 2: Performance data sheets	1977
19780080256	Dual channel 180 GHz radiometer for Convair 990 flights	1977
19780080258	Tape recorder industry survey report	1977
19780080259	High resolution angular sensor	1977
19780080262	Space to space high energy laser technology study (U)	1977
19780080264	Prototype electromechanical energy absorbers (P/N CU09609128)	1977
19780080269	Report on significant results and suggested future work, obtained from LANDSAT follow-on principal investigator interviews	1977
19780080270	Development of high efficiency, radiation tolerant, thin silicon solar cells	1977
19780080274	Determination of the vertical temperature profile from date of spectrometric radiation measurements in the microwave band	1977
19780080278	Problems of space biology. Volume 23: Current problems of space biorhythmology	1977
19780080280	Exercise stress testing and noninvasive methods in cardiovascular evaluation: Equipment evaluation and literature survey, part 1	1977
19780080281	Exercise stress testing and noninvasive methods in cardiovascular evaluation: Program documentation, part 1, appendix a	1977
19780080287	Bosch CO2 reduction system endurance program	1977
19780080294	Generation, editing, and maintenance of schematics and diagrams for SRB EIVT activities	1977
19780080295	SUMC-IIIC system	1977
19780080299	The solution of a definite integral occurring in the resonance terms of the satellite theory (DS phi)	1977
19780080300	An analytical singularity-free solution to the J sub 2 perturbation problem	1977
19780080301	An evaluation of refraction and angle bias errors in single station orbit solutions	1977
19780080304	The state transition matrix and adjoint variables for the unperturbed motion of a rigid body	1977
19780080309	Finray: A new method of formulating a solid lattice of rays to be used in tracing optical systems in which the object plane is at a finite distance from the entrance pupil of the optical system	1977
19780080311	Research in aeronomy	1977
19780080312	USSR-USA: Orbits of space cooperation	1977
19780080320	The magnetosphere of Venus	1977
19780080325	Study of the solar corona using radio observations and Skylab observations	1977
19780080326	SOFIP: A short orbital flux integration program	1977
19780080328	Operational reliability and mode of aircraft maintenance	1977
19780080329	On the path of technical progress	1977
19780080330	Sectional-flow	1977
19780080331	Qualification of selected airdrop loads using the 12,000 pound Platform Extraction Force Transfer Coupling (12K PEFTC)	1977
19780080333	Aerodynamics of the aircraft of TU-134 A	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080334	Aerodynamics of the aircraft of TU-134A	1977
19780080335	The aerodynamic derivatives of flight vehicle and wing at subsonic speeds, part 1	1977
19780080336	The aerodynamic derivatives of flight vehicle and wing at subsonic speeds, part 2	1977
19780080340	Transition measurements via heat-transfer instrumentation on a 0.5 bluntness 9.75-deg cone at Mach 7 with and without mass addition	1977
19780080341	High altitude superpressured powered aerostat haspa demonstration	1977
19780080342	Stability of a pursuit guided bomb with bang-bang canard control	1977
19780080343	Radio-inertial guidance systems selected chapters	1977
19780080344	Operational Test 2 (OT 2) Lightweight Doppler Navigation system LDNS AN/ASN-128 (XE-2)	1977
19780080345	Lightweight Doppler Navigation System AN/ASN-128(XE-1)	1977
19780080346	On the equations of inertial navigation taking account of relativistic effects	1977
19780080347	Position finding of vessel with the aid of navigation satellites	1977
19780080350	A study directed toward applying navigational grid system information to remote control target vehicles	1977
19780080351	Demonstration of munition pitch control with a dual piston ejector rack (BRU-2/A)	1977
19780080353	Diverless helicopter weapon recovery system for torpedo MK 48	1977
19780080354	Diverless helicopter weapon recovery system for acoustic deception devices (ADDS)	1977
19780080355	Designation accuracy analysis for third-party over-the-horizon targeting	1977
19780080356	Operational test and evaluation revised C-130 dual rail lock settings	1977
19780080358	Feasibility demonstration of the nitrogen powered TER-9/A rack	1977
19780080360	Diverless helicopter weapon recovery system for torpedo MK 44	1977
19780080361	A summary of measured temperature exposure data of aircraft rocket catapults and cockpit equipment	1977
19780080362	DT II of the family of helicopter external cargo carrying devices	1977
19780080363	Communications of passenger aircraft, part 2	1977
19780080364	Communications of passenger aircraft, part 1	1977
19780080365	LAU-97/A rocket pod compatibility testing	1977
19780080366	AV-8A accelerated environmental test program report	1977
19780080367	For simulation and analysis	1977
19780080368	Original aircraft of Riga Institute	1977
19780080370	UH-1H external stores (weapons rack and pylon) evaluation and vibration tests	1977
19780080371	Development of materials for a new course in the fundamentals of nonnuclear aircraft combat survivability	1977
19780080372	Aircraft of short takeoff	1977
19780080373	IL-62M: Aerodynamic characteristics	1977
19780080374	The A-300 family of aircraft. Present state and future outlook	1977
19780080375	Boeing preparing ATCA from Air and Cosmos	1977
19780080376	F/TF-15A flying qualities Air Force development test and evaluation, volume 1	1977
19780080377	Terminal guidance for an attack mini-remotely piloted vehicle RPV	1977
19780080379	Evaluation of vertical scale Light Emitting Diode (LED) F-14A engine instruments	1977
19780080381	Hydraulic systems of transport aircraft	1977
19780080383	Durability investigation of the J79-GE-10 engine combustor	1977
19780080384	Advanced V/STOL propulsion component development. Volume 1: Nozzle/deflector	1977
19780080385	Analysis of methods of machining turbine blade foils	1977
19780080386	Test and evaluation of armament handling equipment associated with transporting and loading the production model MK 60 captor mine to A-6, A-7, and P-3 aircraft	1977
19780080389	Exclusive interview with USSR-cosmonaut, Pavel Popovich	1977
19780080391	Evaluation of GEOS a3 altimeter data by means of spherical harmonic expansions	1977
19780080395	Vibration test of the aim-9L missile loaded on the MHU-12/M munitions trailer	1977
19780080396	Cruise missiles: Offense in breadth added to defense in depth	1977
19780080397	Selections from: Aviation and cosmonautics	1977
19780080399	Modular missile simulation model development using advanced continuous simulation language	1977
19780080400	Guidance of ballistic flight vehicles	1977
19780080401	Titan 2 Reliability and Aging Surveillance Program (RASP)	1977
19780080402	Engineer design test ECS/CCG shelter for Patriot missile system	1977
19780080403	Training implications of DRAGON flight simulation	1977
19780080404	Simple telemetry system for AIM-4F/G missiles (SEEK TELL)	1977
19780080405	Evaluation of fixed-mounted telemetric data set antenna for FY77 and subsequent SH-3H helicopters	1977
19780080406	Validation of SSNE and O model. An annotated briefing	1977
19780080407	Free flight rocket technology program aeroresearch rocket accuracy analysis and Hardware description	1977
19780080408	Single firing toxic gas emissions from the M48 chaparral guided missile system with smokeless rocket motor, White Sands Missile Range, NM, 17-21 May 1977	1977
19780080409	Simulation of the stress-temperature environment during firing of a Pershing D6AC steel propulsion unit with a propellant to liner separation	1977
19780080410	Investigation of orientation and thermal effects on life of Walter Kidde 300 LBf hydrazine thruster, task 3A	1977
19780080412	Optical radiation hazard evaluation of the Smokeless Chaparral Rocket Motor, May - Jun. 1977	1977
19780080413	Prediction of exit plane properties for six full-scale operational liquid rocket engines	1977
19780080414	Space motor surveillance program	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080415	Evaluation of Fiberite 4030-190 molded rocket nozzle exit cone insulation	1977
19780080418	Space liquid-rocket engines	1977
19780080419	Advanced postboost vehicle propulsion feed system	1977
19780080420	New materials and technology	1977
19780080422	Chemical resistance of materials (selected pages)	1977
19780080424	Evaluation of thermal and mechanical properties of TS 1276 graphite	1977
19780080426	Advanced composites production/service experience. Volume 1: Program objectives and manufacturing process establishment	1977
19780080427	Advanced composites production/service experience, volume 3: Appendices	1977
19780080428	Advanced composites production/service experience, volume 2: Testing and manufacturing and cost demonstration	1977
19780080429	Method of obtaining compact boron nitride material	1977
19780080430	Thermal and mechanical properties of an FMI 2.2.1 carbon-carbon composite material	1977
19780080432	Kinetic carbonization and structurization of some thermal hardening resins	1977
19780080433	The all-union conference on composite materials (3rd)	1977
19780080434	Development and production of long-life surface layers for the thermal control of space vehicles: Partial report	1977
19780080435	Jet mixing with combustion	1977
19780080438	Determination of the total pressure loss ratio of combustion chambers with gas-dynamic flame stabilizers	1977
19780080441	Review-metallic hydrogen	1977
19780080442	The temperature effect of air on the stabilization of flame in the model of the cannular combustor of gas-turbine engines	1977
19780080443	Parameters, which describe the process in the zone of the mixing of combustion chambers of GTD	1977
19780080448	Production technology for bimetal sheet	1977
19780080450	Investigation of the process of the cutting of metals as an objective of automatic control	1977
19780080451	Single-transition stamping of turbine blade billets made of alloy ZhS6-KP in the state of superplasticity	1977
19780080452	Effect of vacuum remelting conditions on improving the purity of high speed steel	1977
19780080453	The use of rare earth metals for creating weldable steels and alloys with special properties	1977
19780080454	Hardness evaluation of refractory alloys operating at elevated temperature, volume 1	1977
19780080455	Increasing heat stability of titanium UT-1 by method of aluminum plating in molten saline media	1977
19780080456	A review of techniques used to characterize cemented tungsten alloys for penetrator applications	1977
19780080457	The activities of the institute of problems of materials technology	1977
19780080458	The fabrication and characterization of discontinuous whisker reinforces metal matrix composite materials	1977
19780080460	Economics of arachne technology (weaving)	1977
19780080461	New elastomeric polymers and specialty chemicals, part 3	1977
19780080462	Technology of the production of synthetic fibers	1977
19780080463	Determination of kinetic parameters of the processes of thermal destruction and carbonization	1977
19780080464	Cure monitoring techniques for adhesive bonding processes	1977
19780080465	Diffusion of gases in strongly cross-linked organosilicon polymers	1977
19780080466	A cleaning agent for removing pesticides from metal surfaces	1977
19780080467	Composition B: A very useful explosive	1977
19780080468	Fuels for the super charger jet engines	1977
19780080469	Liquid propellant gun technology exploratory development. Volume 4: Bipropellant loading and sealing	1977
19780080470	Soil stabilization with semi-permeable membranes	1977
19780080471	Calculating interference waves in problems of diffraction on a cylinder and a sphere	1977
19780080472	Analysis of sweep frequency oblique polar region high frequency radio propagation measurements	1977
19780080473	Selecting antennas for intradistrict short-wave radio communications	1977
19780080474	Television devices and information display systems	1977
19780080475	Space communications	1977
19780080476	Navy communications	1977
19780080477	Tri-service operational test (OT-II) of multiplexer set AN/LSC-24	1977
19780080478	Tri-Service operational test (OT-II) of digital modem, MD-1002	1977
19780080480	Development of non-specular coatings	1977
19780080481	Summary of electromagnetic effects on the STINGER	1977
19780080482	Comparison of channel multiplexing methods in systems of moving satellite radio communications	1977
19780080483	VHF sensor in-band radio relay	1977
19780080484	Design of experiments to characterize the propagation of millimeter waves in aerosols	1977
19780080485	Millimeter wave command guidance study	1977
19780080486	Auxiliary LF equipment for the K-60P transmission system	1977
19780080487	Packet radio communications	1977
19780080488	Bistar system application investigation	1977
19780080489	AN/UPD-X SAR definition and ECCM system design tradeoff studies. Change detection test	1977
19780080490	Detection of signal by receptor of multichannel monopulse radar	1977
19780080491	New questions of applied electrodynamics: Collection of articles	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080492	Methodology investigation, reliability study of army aircraft radios during flight and simulated dynamic environments	1977
19780080494	Orbital element sorting for 12 hour payloads	1977
19780080495	Commercial substitutes for AN/UCC-4 frequency division multiplex	1977
19780080496	Millimeter-wave receiver front-end	1977
19780080497	Measuring speech intelligibility in a multipath channel	1977
19780080498	Translations on telecommunication policy, research and development (GUO 13/77)	1977
19780080499	Permanent Magnet Torquer (PMT) gyro test	1977
19780080502	Engineering evaluation of overhauled P-3 generators. Bendix tear down inspection of three (3) government furnished RFI generators, P/N28M95-15	1977
19780080504	Development of a multilayer base and seal ring assembly for the AADC basic building block module	1977
19780080509	Improved DC generator voltage regulator for UH-1N aircraft	1977
19780080510	Radiation effects on semiconductor devices, data periodical	1977
19780080511	HF, high power, directional rotary-wing aircraft antenna, phase 2	1977
19780080512	Electronic-optical detector	1977
19780080513	Digital simulation of transitional processes in circuits comprising magnetic and semiconductor computer components	1977
19780080514	The 1.4-micron photocathode	1977
19780080515	A device for the shaping of packets of sinusoidal oscillations	1977
19780080516	Submillimeter wave subsystems	1977
19780080517	Liquid dielectric phase shifters	1977
19780080518	Provision for thermal conditions in designing radio-electronics equipment (selected pages)	1977
19780080519	Electrostatic forces on conductors moving between conducting plates	1977
19780080520	Calculation and optimization of helicoidal current generators with explosives	1977
19780080521	Processes occurring during filling of pipe with compressible medium	1977
19780080526	New numerical method for the investigation of complex problems of gas dynamics	1977
19780080527	BOSS4C results of code validation and exercise cases	1977
19780080528	Hydraulic boost system study	1977
19780080530	Determination of photographic properties of black and white and colored negative motion picture films when using a xenon lamp	1977
19780080531	Holographic interferometry to detect changes in the structure of the material of parts	1977
19780080532	Effect of the conditions of development for the color reproduction of the colored turned films	1977
19780080533	The characteristic of light filter-mask for the sensitometric exposure of colored motion picture films	1977
19780080534	Use of photosensitive diazo compounds in cartographical enterprises	1977
19780080535	Experimental estimation of aerial cameras with the aid of photographing of proving ground	1977
19780080536	Tactical HRMR digital reader study	1977
19780080537	Interferometry sensor for measuring the vibrations of mechanical structures	1977
19780080538	User's guide for the phase 1 laser designator/weapon system simulation (LDWSS) of the copperhead guided projectile system, volume 1	1977
19780080539	Gas lasers	1977
19780080540	On the reduction of laser distance measurements to artificial satellites	1977
19780080541	Proposed JTCG/AS laser vulnerability methodology	1977
19780080544	Graser, hope or threat	1977
19780080545	Experimental laser apparatus LT-1	1977
19780080546	Theory of a solid-state cyclotron resonance maser	1977
19780080547	Experimental device for measuring laser radiation attenuation in a cloud chamber	1977
19780080548	Attachment measurements in halogen bearing molecules	1977
19780080549	Molecular Entrapment Gas Storage (MEGS)	1977
19780080550	Laser rangings to the moon, radio interferometric observations of quasars, and satellite altimetry as they affect geodesy and geophysics	1977
19780080551	High pressure chemical laser. Rotating configuration, repetitively pulsed chemical laser.	1977
19780080552	Laser crystals	1977
19780080553	Improved (K,Rb)Cl laser window materials	1977
19780080555	Gas producer turbine performance improvement	1977
19780080556	Evaluation of Twin Disc Incorporated Omega clutch	1977
19780080557	Vacuum welding	1977
19780080558	Working conditions of piercing punch in hot closed die impression forging	1977
19780080560	Digital automatic device for measuring parts on a machine	1977
19780080561	Standardization and intercorrelation of machining allowances and tolerances of steel drop forgings	1977
19780080562	Machining by form tool with radial feed	1977
19780080563	Mechanization and automation of production (selected articles)	1977
19780080564	Billet-forging stamping operation in airplane construction	1977
19780080565	Applications of explosive welding of metals	1977
19780080566	Containers: Types and dimensions, chapters 1-2, 5-8, 12, 14, and 16	1977
19780080567	Adaptive automatic control systems of cutting	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080568	Bulletin of the higher educational institute. Machine construction	1977
19780080569	Evaluation of an evacuator ethylene oxide gas injector, and sealer machine	1977
19780080570	Rational construction of drills for machine tools with ChPU	1977
19780080571	A new post-processor	1977
19780080574	Cutting tool catches up with article	1977
19780080576	Hydropneumatic suspension system study	1977
19780080593	Fluid resistance testing of electrical wire used in aircraft and missiles, part 3	1977
19780080594	A forecasting technique for operational reliability (MTBF) and maintenance MMH/FH	1977
19780080595	Numerical calculation of the durability of welded joints under variable amplitudes of loading	1977
19780080596	Advanced surveillance technology for service life analysis	1977
19780080597	Curvature of cylindrical shells in an elastic medium	1977
19780080599	Rigid body response of a cylinder to an underwater explosion: Beam aspect	1977
19780080600	Effect of technological parameters on static crack strength and fatigue life of connections on thin airframe covering	1977
19780080601	Meteorology and hydrology No. 8, 1977	1977
19780080602	Aerial photography. Fundamentals and metrology chapters 3 thru 12	1977
19780080603	Testing and interpolation of laser observations of a station using the orbit method	1977
19780080604	Remote exploration of the earth by means of multispectral photography	1977
19780080605	Studies on automation of contour line generalization	1977
19780080606	Distinctive features of conducting perspective aerial photography	1977
19780080611	Heating and cooling experiments for STINGER thermal batteries	1977
19780080612	The response of rechargeable nickel cadmium aircraft batteries to ballistic threats	1977
19780080613	International symposium on wind-energy systems	1977
19780080614	An improved pyrotechnic heat source for thermal batteries	1977
19780080615	Solar cell eyes with automatic solar-tracking	1977
19780080616	Mechanisms of the formation of the ionospheric sporadic layer at E sub S on different latitudes	1977
19780080617	The problems and outlooks of subsequent investigations of solar-atmospheric connections	1977
19780080618	On the systematic effect of refraction on the results of geometric leveling	1977
19780080622	The uplift of the Alps from comparison of the precision leveling of the Swiss Geodetic Commission with the National Levelings of the Federal Topographic Survey	1977
19780080623	Current problems in satellite geodesy	1977
19780080624	Proceedings from the Main Geophysical Observatory imeni A. I. Voyeykova (selected articles)	1977
19780080625	Measurements of the image perturbations caused by the atmosphere during solar observations	1977
19780080626	Geology of oil and gas of western Siberia, part 1	1977
19780080627	Oceanographic systems program	1977
19780080629	Biomedical and behavioral sciences	1977
19780080630	Translations on USSR science and technology biomedical and behavioral sciences (GUO 38/77) effects of nonionizing electromagnetic radiation	1977
19780080631	Electrically heated suit for drivers	1977
19780080632	Development of a fluidic oxygen regulator	1977
19780080633	Guide to human factors engineering General Purpose Test Planning (GPTP)	1977
19780080634	Heating insole for winter footgear	1977
19780080635	Development of MNOS mass memory demonstration unit	1977
19780080636	Datacomputer and SIP operations	1977
19780080637	Economic analysis of magnetic bubble mass memories	1977
19780080638	Instruction manual for the use of the interactive graphics program STRUPUT	1977
19780080639	Guidelines for program portability	1977
19780080640	Real-time advanced data processing Parallel Element Processing Ensemble (PEPE)	1977
19780080641	Version 2 of the R 300-PL/1 compiler	1977
19780080644	Separate compilation, definition modules, and block-structured languages	1977
19780080646	Semantics and proof theory of PASCAL procedures	1977
19780080647	Program text and program structure	1977
19780080648	How good can a graph be n-Colored	1977
19780080649	Formula simplification in relation to program verification	1977
19780080650	Keyword grammars	1977
19780080651	Experiences with STS-A programming language for statistics	1977
19780080652	Programming languages, standards, use, and selection: Air force and other government agencies. Volume 2: Systems summaries	1977
19780080655	Long-term prediction and control of complex systems, part 1	1977
19780080657	The utilization of the context for form recognition	1977
19780080658	Linear time simulation of multihead turing machines with head to head jumps	1977
19780080659	General Runge-Kutta methods for coupled systems of hyperbolic differential equations	1977
19780080660	Comparing stabilized Runge-Kutta methods for semi-discretized parabolic and hyperbolic equations	1977
19780080661	An implementation of a class of stabilized, explicit methods for the time integration of parabolic equations	1977
19780080664	Translations of USSR science and technology: Physical sciences and technology	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080665	Translations on USSR science and technology. Physical sciences and technology (GUO 47/77)	1977
19780080666	Translations on USSR science and technology Physical sciences and technology (GUO 49/77)	1977
19780080668	Measurements of spectra of neutrons from thick lead and uranium targets by means of a single-crystal spectrometer	1977
19780080669	Power tests of the Topaz-3 thermionic converter reactor	1977
19780080670	Operational test 2 of AN/ALQ-144 countermeasures set	1977
19780080672	Some results of investigations on the U-02 MHD test installation	1977
19780080673	On the possibility of removing large current densities in the arcless mode at permeable electrodes of MHD generators	1977
19780080679	MHD energy conversion	1977
19780080680	Optimizing effectiveness of magnetohydrodynamic generator by selecting distribution of specific resistance tensor of working medium	1977
19780080681	MNOS and bubble mass memory life cycle cost study	1977
19780080682	Study of electrical properties of single crystals HfO ₂ -0.1 Y ₂ O ₃ and ZrO ₂ -0.1 Y ₂ O ₃	1977
19780080683	Economic analysis of MNOS mass memory	1977
19780080684	Radiative recombination in highly doped, compensated germanium	1977
19780080685	News of higher educational institutions. Instrument, selected articles	1977
19780080686	Electronic use of the word bank	1977
19780080687	Worldwide data management system interface software package wisp. Users manual	1977
19780080688	Worldwide data management system Interface Software Package (WISP)	1977
19780080689	Worldwide data management system interface Software Package (WISP): Programmer/analyst manual	1977
19780080691	Urban building characteristics, setting and structure of building types in selected world cities	1977
19780080692	Wastewater disinfection by ultrasound	1977
19780080693	The future of our machines	1977
19780080694	Application of Extra-hard materials in a national economy in the tenth five-year plan	1977
19780080695	Comparing the capacity of photosensitive materials to register extremely weak stars against the background of the sky with their detective quantum efficiency and signal/noise ratio	1977
19780080696	Atlas of the reverse side of moon	1977
19780080697	France: Nuclear, missile, and space developments. GUO no. 435	1977
19780080698	Ergonomic questions of equipment maintenance of air vessels	1977
19780080699	Classification of factors determining aircraft reliability	1977
19780080701	Streamlining a body by a supersonic jet of hot gas flowing into an accompanying supersonic flow	1977
19780080703	System safety program plan. Fresnel Lens Optical Landing System (FLOLS) MK 6 MOD 3	1977
19780080704	Verification evaluation stationkeeping frequency equipment	1977
19780080705	Feasibility investigation of a strapdown compass transmitter	1977
19780080706	Use of digital filter to increase accuracy in determining aircraft coordinates	1977
19780080707	Relative energy potential and radio-countermeasure coefficient: Criteria for noise immunity of RSBN (radio navigation system of local air navigation) channels	1977
19780080710	Helicopter launch and recovery of mobile targets	1977
19780080711	Armament systems evaluation of the Iranian AH-1 J tow helicopter	1977
19780080712	Vibration test comparison of the saddle lug and bail lug store suspension and release systems for the Hellfire launcher	1977
19780080713	CBU-72/B F-4 and A-6 compatibility tests	1977
19780080714	Reliability of flight vehicles	1977
19780080715	The Forger (Yak-36) compared to the Harrier	1977
19780080719	Flight simulator evaluation of an electronic paravisual guidance indicator	1977
19780080720	Miniaturization of measurement techniques and analyzers of regime (mode) loads of engines and airframes	1977
19780080721	Digital aviation systems for monitoring and control, part 1	1977
19780080722	Digital aviation systems for monitoring and control, part 2	1977
19780080723	A Lynx helicopter powerplant simulation	1977
19780080724	Infrared radiations from small target engine exhausts	1977
19780080727	Test and evaluation of TF-30-P-408 engine component improvements, fuel controls, and fleet installed engine problems	1977
19780080728	F/TF-15A pilot induced oscillation evaluation	1977
19780080729	Maintainability demonstration of integrated target control system (ITCS) subsystems AN/USW-4, AN/TSW-10, and AN/DKW-2	1977
19780080730	Automatic control of axial motion of elastic aircraft, chapter 1 and 2	1977
19780080731	A method for predicting the stability characteristics of an elastic airplane. Volume 1: FLEXSTAB 3.01.00 theoretical description	1977
19780080732	TECOM evaluation of development test 3 (tropic and desert phases) of collapsible fuel tanks, 50,000-gallon	1977
19780080733	Reliability demonstration test report of A/F 37A-T57 flight simulator (B-52H aircraft)	1977
19780080734	The undergraduate pilot training/instrument flight simulators UPT/IFS annex L. Instrument continuation training	1977
19780080735	Feasibility investigation of providing aircraft launch and recovery capability from damaged airfields	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080736	Flight fidelity evaluation of the A-7 night carrier landing trainer, device 2F103	1977
19780080737	Storeroom for liquid gas	1977
19780080738	A white paper on the accomplishments of the DOD space test program: 1967 - 1976, DDN 77-3, appendices	1977
19780080739	Aviation and cosmonautics, selected articles	1977
19780080740	Operational feasibility test CEP of DRAGON under cover	1977
19780080741	VIPER schedule risk analysis	1977
19780080742	The soviet space ferry project/counterpart to the American spaceshuttle	1977
19780080743	The portable yaw processor	1977
19780080744	Propulsion systems for launch vehicles and spacecraft	1977
19780080745	The strength and stiffness properties of laminated aluminium alloy/barbon fibre reinforced plastic/aluminium alloy sandwich	1977
19780080746	The design of aluminum alloy/carbon fibre reinforced plastic/aluminium alloy sandwich panels under combined loading	1977
19780080747	Technological development of metal matrix composites for DoD application requirements. Executive summary: Recommended long-range program plan for development/applications	1977
19780080748	Development and fabrication of carbon composites, special graphite, and precursor materials	1977
19780080749	The oxidation of magnesium in nitrous oxide	1977
19780080750	Behavior of certain catalysts during conversion of liquid hydrocarbons	1977
19780080751	Selection and study of catalysts for low-temperature steam conversion of hydrocarbons on the example of N-butane	1977
19780080752	A study of the gas-dynamic stabilization of a flame under high-altitude conditions	1977
19780080758	Experimental study of combustion products of aluminum-magnesium alloys	1977
19780080760	Abrasives	1977
19780080761	Change of parameters of a crystal lattice of titanium alloys VT9 and VT18 in the process of heating and cooling	1977
19780080762	Destruction of an aluminum alloy with pulsed electron beams	1977
19780080767	Estimating the favorable effect of hydrogen on the deformability of titanium alloy ST4	1977
19780080768	A new method for surface coating: Use of the exploding wire phenomena	1977
19780080769	Evaluation of aramid-fiber ropes for antenna	1977
19780080770	Ceramics in crystals: Crystalline ceramics from chromite for electric furnaces	1977
19780080771	Method of production of asbestos-type fibrous silicates	1977
19780080772	Stitch bonding of fibrous webs without using binding thread	1977
19780080773	Resistance of irradiated medical grade polymethacrylates to thermal aging and heat oxidation	1977
19780080774	Evaluation of thermal resistance of clothing	1977
19780080775	Diamond grinding of vacuum-tight structural ceramic on a magnesium oxide base	1977
19780080776	Propellant selection for ramjets with solid fuel	1977
19780080777	Disposal of Navy colored smoke compositions	1977
19780080778	Large-scale West German vehicle test with a gasoline-methanol blend	1977
19780080779	The role of incineration for Navy ordnance, propellants, explosives, and pyrotechnics disposal	1977
19780080780	Pyrotechnic formulating with red phosphorus	1977
19780080782	Results of research conducted in 1975 by the high temperatures institute	1977
19780080784	Optimal coherent signal systems for information transmission in the presence of colored Gaussian noise	1977
19780080785	International exhibition communication 75	1977
19780080786	Microwave Steerable Null Antenna processor MSNAP	1977
19780080787	Projection of radio relay lines, chapter 8	1977
19780080788	Analysis of noise immunity of group transmission of discrete data over a communication link with fading	1977
19780080789	Advanced electron device technology	1977
19780080796	Electromagnetic field which accompanies the displacement of an ideally conducting plate	1977
19780080797	Manufacture of microchannel plates with new types of glass	1977
19780080799	Estimating the optimum shape of the current pulse when sounding by the field build-up method	1977
19780080801	Design verification of the AMF, Incorporated, external power monitor, P1N CSV-1367-23	1977
19780080810	Physical electronics (selected articles)	1977
19780080811	ECOM technical publications 1976	1977
19780080812	Procedure of the performance calculation of synchronous machines with external magnetic circuit	1977
19780080817	TAB: (Tape Automated Bonding) automation in component attachment on substrates	1977
19780080825	Unsteady MHD convection in a vertical channel	1977
19780080826	Signal transformation expands the role of pneumatics, part 1	1977
19780080827	Heat transfer and pressure loss in flows of evaporating nitrogen in a horizontal tube	1977
19780080828	The state of gas-condensate system in a porous medium	1977
19780080829	Study of heat transfer in open cycle MHD generator channel	1977
19780080830	Two dimensional turbulent flow of the reacting gases	1977
19780080831	The possibility of designing of theatrical holographic cinematography with colored volumetric image	1977
19780080832	Versamat speed-up kit	1977
19780080833	Auto compensation of instrument errors in the gyro systems	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080834	Recording holograms of large scenes in partially coherent radiation	1977
19780080835	Lens technique as observation method for projectiles and other fast-moving objects in paraxial direction of movement	1977
19780080836	Technology of the processing of photo-movies material (selected chapters)	1977
19780080837	Establishing correction coefficient for calculating yield of ice crystals in laboratory cloud chamber	1977
19780080838	The possibility of the creation of theatrical holographic cinematography with colored volumetric image	1977
19780080839	Development test 2 PQT-G of hand-held laser rangefinder, AN/GVS-5, supplement 2	1977
19780080840	Laser plume interaction	1977
19780080841	Automatic laser cutting of materials, chapter 2	1977
19780080842	Plan breach	1977
19780080843	Laser designator/weapon system simulation, FY 77 executive summary	1977
19780080844	Iodine laser of high efficiency and fast repetition rate	1977
19780080845	Improved adaptation of the injection system to the requirements of diesel engines	1977
19780080847	The inertia welder: Operating principles and applications in aeronautics	1977
19780080848	Device for automatic regulation of the depth of melting	1977
19780080849	Advances in turbomachine research through a new optical measurement method for flow vectors	1977
19780080850	Giants on the flow line	1977
19780080851	Absolute stability of one class of interconnected control systems	1977
19780080852	Analysis of methods of machining turbine blade foil	1977
19780080853	Effectiveness of the programmed control of machine tools	1977
19780080854	Method for acquiring castings	1977
19780080855	A super-press is being created	1977
19780080856	Reducing energy losses on tips of rotor blades of turbine stage	1977
19780080857	Development of road-type electric vehicles	1977
19780080858	Forging and pressing equipment	1977
19780080859	Increasing the productivity of labor and the quality of parts of automatic lathes	1977
19780080860	A bold search	1977
19780080861	Production tests of disc-type profile cutters of high-speed steel R12	1977
19780080862	Penetration of plates by yawed rods: Geometric considerations	1977
19780080865	Elimination of deficiencies	1977
19780080866	Fracture mechanics prediction of fretting fatigue under constant amplitude loading	1977
19780080869	Geodesy in applied geophysics	1977
19780080870	Satellite geodesy and geodynamics	1977
19780080871	The concept of the mathematical figure of the earth since Gauss der Begriff	1977
19780080872	Geodesy: Gaussian or Cartanian surface geometry	1977
19780080873	Concerning the grounds for using Chebyshevs approximation method in processing geodetic measurements	1977
19780080875	Distribution of electromagnetic power and force over the regions of a linear induction MHD machine	1977
19780080876	Hardened solar power system. Supplement 2: HASPS multiple-cycle deployment/restowage mechanism	1977
19780080877	Explosive magnetic generator with inductive load	1977
19780080880	Superconductive magnet for experimental MHD-generator	1977
19780080883	Electrochemical generators in aviation	1977
19780080884	Pressure pulsations in experimental MHD generator channel	1977
19780080885	Gas-chromatographic determination of some components of the dust content of the air medium	1977
19780080886	Biophysical method in geologic investigations	1977
19780080887	Calculation of the deformation of drops of an aqueous electrolyte solution in an electrical field	1977
19780080888	Meteorology and hydrology no. 9, 1977	1977
19780080889	Space biology and aerospace medicine (selected articles)	1977
19780080890	Translations on USSR science and technology. Biomedical sciences	1977
19780080891	Effect of tobacco smoke on performance during a task requiring alertness: Usefulness of cardiac rate as a supplementary factor for interpretive purposes	1977
19780080892	Translations on USSR science and technology biomedical and behavioral sciences (GUO 40177)	1977
19780080893	Thermal loads and the physical working capacity of a man in the use of individual means of protection	1977
19780080894	A comprehensive investigation of the influence of electric stimulation of muscles on the organism of man in conditions of hypokinesis	1977
19780080895	Calorimetry in insulating means of defense of man	1977
19780080896	The cosmonauts proceed: Along the ground	1977
19780080897	Investigation of effectiveness of digital computer with high-speed storage	1977
19780080898	Prospects for development of computer technology	1977
19780080899	Computers are creating plans	1977
19780080900	Device of graphic recording data for a small scale engineering-computer complex	1977
19780080901	Calculation and design of computer elements, Chapter 9	1977
19780080902	Fundamentals of microelectronic computer design	1977
19780080903	Computer handbook of engineering, part 1	1977
19780080904	Computer handbook of engineering, part 2	1977
19780080905	Computer handbook of engineering, part 3	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080907	Attack helicopter COMO 3 simulation	1977
19780080908	Guidance and control simulation notebook. Part 2: Module description	1977
19780080909	Guidance and control simulation notebook. Part 2A: Computer listing	1977
19780080910	Guidance and control simulation notebook. Part 2B: Computer listings	1977
19780080911	Broadcast protocols in packet switched computer networks	1977
19780080912	Creation of automated control system and use of computer technology in power systems	1977
19780080913	Table-top hybrid complex for the solution to the equations of mathematical physics	1977
19780080914	C. F. Gauss and the method of least squares	1977
19780080915	Translations on USSR science and technology: Physical sciences and technology (GUO 50/77)	1977
19780080917	To the depths of matter	1977
19780080918	Development and technical evaluation of the MK 1 mod 0 (EOD) fiberscope	1977
19780080920	Low cost infrared seeker (LCIRS)	1977
19780080921	Forming of dense self-constricted electron streams	1977
19780080922	MHD-flow in electrodynamically coupled rectangular tubes, parts 1 and 2	1977
19780080929	Calculation of the transonic flow past an airfoil and its wake	1977
19780080931	The 1st AV-8A Harrier Jet V/STOL Safety Symposium (U)	1977
19780080935	EAR antenna mounted motion compensation investigation. Volume 3: Motion compensation technical analyses (U)	1977
19780080936	Evaluation of an integrated tactical navigation system utilizing doppler ground velocity and gyroscopic attitude and heading sensors (U)	1977
19780080938	Impact of the Advanced Location Strike System (ALSS) on the Global Positioning System (GPS) (U)	1977
19780080939	Loran-C/D ECCM interface design (U)	1977
19780080940	LORAN-C time difference of arrival timing system for NBDS-III	1977
19780080945	Pave Spike introduction. CONUS addendum (U)	1977
19780080946	Operational evaluation of the F-14A/Phoenix weapon system (U)	1977
19780080947	A-4M aircraft ECP-1120 electromagnetic compatibility evaluation (U)	1977
19780080948	Evaluation of F-14A airplane flying qualities and tactical roll capability within an expanded flight envelope (U)	1977
19780080949	Effectiveness and cost effectiveness of heavy transport helicopter alternatives, CH-53E program (U)	1977
19780080952	Transport aircraft combat damage incident analysis (U)	1977
19780080953	Follow-on operational evaluation of the P-3C update 1 weapons system (U)	1977
19780080954	Study to install the 25-mm liquid propellant gun system in an advanced aircraft (U)	1977
19780080960	Quarterly compilation of abstracts on completed Test, Experimental, and Development (TED) projects (U)	1977
19780080964	Thermal mass discrimination: A potential (BMD) application for high-energy lasers (U)	1977
19780080971	The airborne laser laboratory cycle 2: Low power experiments (U)	1977
19780080972	Gps-related tactical improvement for existing ASW aircraft (U)	1977
19780080975	Evaluation of camouflage colors for the F-16, phase 1 (U)	1977
19780080978	Compass clear-heterodyne flight test support (U)	1977
19780080979	All cycle 4 upgrade conceptual design. Volume 1: Technical report (U)	1977
19780080980	AN/AAR4 detector modification program (U)	1977
19780080984	Turbine engine high flow compressor. Volume 2: Performance analysis (U)	1977
19780080985	Small Turbine Advanced Gas Generator (STAGG). Volume 1: Design (U)	1977
19780080988	Advanced technology high through-flow turbojet compressor program, phase 1 (U)	1977
19780080989	Multiple fragment tests on J57 engines (U)	1977
19780080991	3-52 ECM power management system. DT and E flight test (U)	1977
19780080992	Mastery of outer space in the USSR in 1975 for space-science and the national economy. Press manual	1977
19780080993	Mastery of outer space in the USSR, 1975. Manned flights	1977
19780081007	Satellite-based tracking analysis (U)	1977
19780081020	Satellite ECM evaluation (U)	1977
19780081022	Special systems analysis program (U)	1977
19780081026	Ballistic Range Experimental Program (BREP3) (U)	1977
19780081029	Customer test of Chaparral Identification Friend or Foe (IFF) product improvements (U)	1977
19780081036	Vulnerability of future SHORADS (U)	1977
19780081050	Mid-UV imaging and objective grating observations of rocket plumes (U)	1977
19780081055	Current awareness bulletin. Issue no. 23. Metals, ceramics, composites	1977
19780081056	Gas Phase Radiolysis and Vacuum Ultraviolet Photolysis of Heterocyclic Organic Compounds	1977
19780081057	A method of improving graphite electrodes	1977
19780081061	Erosion mechanisms. Volume 1: Hypervelocity particle impact response of ATJS graphite and a comparison with GE 223 carbon carbon response (U)	1977
19780081063	Passive countermeasures for protection of graphite and boron composite structures (U)	1977
19780081065	The combustion of magnesium in nitrous oxide	1977
19780081066	Investigation of thermophysical characteristics of powders	1977
19780081067	Evaporation and combustion kinetics of small droplets and particles	1977
19780081068	Stabilization of solid carbon aerosol in the presence of organic vapors	1977
19780081069	Pyrophoric materials as infrared decoys. A bibliography (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081070	Age in H2O: Evaluating the arc treatment of hydrogen cross	1977
19780081073	Sintered titanium-base alloy	1977
19780081074	Welding wire material	1977
19780081075	Heat treatment of invar alloys	1977
19780081076	Investigation of the physical and chemical properties of aluminum, aluminum-magnesium and aluminum-zink alloy combustion products	1977
19780081077	Dislocations and mechanical properties of heat-resistant alloys	1977
19780081081	Furnace charge for preparation of ceramic material	1977
19780081083	Pyrophoric parameter investigation (U)	1977
19780081085	Department of defense handbook of data link systems (U)	1977
19780081086	Initial production test of Forward Area Alert Radar (FAAR) system second production (U)	1977
19780081087	AN/UPD-X SAR definition and ECCM, system design tradeoff studies, volume 2 (U)	1977
19780081088	ECCM techniques for coherent systems, part 2 (U)	1977
19780081093	Concept evaluation, investigation of radar blinking techniques (U)	1977
19780081097	Monopulse deception (U)	1977
19780081100	Discrimination research and analysis (U)	1977
19780081107	Cylindrical chemical laser segment design program (U)	1977
19780081108	Hawk ultra-low sidelobe antenna stand-off jammer tests at WSMR (U)	1977
19780081112	LORAN-C/D ECCM experiments (U)	1977
19780081114	Exercise POLO HAT 77-2 evaluation report (U)	1977
19780081118	Optimum infrared missile countermeasure evaluation study (U)	1977
19780081119	Application of DYNA FIX to ASQ-38 (U)	1977
19780081121	ECM/ECCM evaluation program. Volume 5: Hardware development (U)	1977
19780081123	Summary of the TEAL-WING interference-mitigation program (U)	1977
19780081128	RCS reduction studies (U)	1977
19780081129	Exercise POLO HAT 77-2 evaluation report (U)	1977
19780081136	Electromagnetic compatibility and electronic warfare (U)	1977
19780081137	Multi-beam radar techniques for low probability of intercept (U)	1977
19780081144	APG-63/DMR integration and test program. Air-air data collection and radar improvement phases (U)	1977
19780081145	AN/TPS-43E radar set, phase 1 (U)	1977
19780081148	Title is classified	1977
19780081152	Tactical systems and technology (U)	1977
19780081157	Mini TWT expendable jammer (U)	1977
19780081159	Manufacturing Methods and Technology (MM and T) measure for fabrication of thin aluminum oxide (AlO3) ion barrier 18mm microchannel rates (U)	1977
19780081161	Gold foil sealing of metallized vias to prevent solder encroachment	1977
19780081162	Gas dynamics of near wakes	1977
19780081163	Gradient and separated flows	1977
19780081164	Detonation propagation process in a two-phase medium	1977
19780081165	Investigation of the minimum film boiling temperature on horizontal surfaces	1977
19780081167	A photo per second	1977
19780081169	Holographic missile seeker test and evaluation (U)	1977
19780081170	Two-mode ring gas laser	1977
19780081171	Flight test of the PAVE SPIKE/automatic video tracking system (U)	1977
19780081173	High energy laser laboratory UNFTP support plan (U)	1977
19780081174	CO systems study (U)	1977
19780081175	Proceedings of the Target Acquisition Symposium (U)	1977
19780081178	Laser Target Designator (LTD) (U)	1977
19780081181	GaAs laser simulator (U)	1977
19780081182	Laser plume interaction program (U)	1977
19780081184	BMD lader concepts study (U)	1977
19780081188	Selection of the parameters of quasioptimum linear sampling servo-mechanisms	1977
19780081189	Study of process of rotational extrusion with ultrasonic vibration of tool	1977
19780081190	Statics and the dynamics of thin-walled shell constructions, part 1	1977
19780081194	Multiple band image data collection and data processing, phase 1 (U)	1977
19780081196	Anaerobic fermentation of agricultural wastes: Potential for improvement and implementation	1977
19780081198	Wind energy statistics for large arrays of wind turbines	1977
19780081199	Space methods in geology	1977
19780081200	The question of using natural radioactivity for estimating the coefficient of turbulent diffusion in the surface layer of the atmosphere	1977
19780081207	What robots are learning	1977
19780081208	Initial operational evaluation of the Mark IV CO2 (carbon dioxide) scrubber (U)	1977
19780081209	CMOS hybrid microcomputer development program (U)	1977
19780081213	Sensitivity analysis and description of modified Kande algorithm (U)	1977
19780081216	Supplementary data reduction and analysis of HOST recordings (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081219	Manportable common thermal night sight operational test 2, phase 2 (U)	1977
19780081220	Low background LWIR (Hg, Cd) Te photoconductive detector development (U)	1977
19780081221	Measurements of passive infrared images of flying targets (U)	1977
19780081222	Computer studies of compensated imaging systems, number 2 (U)	1977
19780081223	Discrimination performance evaluation of three optical penaid concepts: Reflective RV/decoy, aerosol cloud with optimum particle mixture, and shrouded RV/decoy (U)	1977
19780081228	Critical optics technology (COT) (U)	1977
19780081229	IR plume OPTINT study (U)	1977
19780081231	Plasma and divertors	1977
19780081232	Tokamak fusion power reactors	1977
19780081235	Optimized thin film detector (U)	1977
19780081236	Josephson junction technology program, phase 1, appendix A (U)	1977
19780081237	IR detector reliability improvement (U)	1977
19780081244	Gamma-spectrometry in space research	1977
19780081246	France: Nuclear, missile, and space developments, GUO no. 436	1977
19780081250	Prediction of the development of separated turbulent boundary layers by the lag-entrainment method	1977
19780081252	Comparison and evaluation of several experimental techniques for local enthalpy measurements in an arc-heated, high pressure, supersonic air flow	1977
19780081253	Inlet drag investigation. Volume 1: Program development	1977
19780081254	Inlet drag investigation. Volume 2: Data analysis	1977
19780081256	Surveillance: Fleet-returned M5A1 catapults	1977
19780081257	Field demonstration test report for the AN/TRN-41 TACAN navigation set	1977
19780081258	Gyroscopic and navigation systems selected articles	1977
19780081259	Optimal interaction of short-range radio navigation systems with an onboard navigation complex	1977
19780081260	Drop zone/extraction zone/landing zone lighting and acquisition feasibility study	1977
19780081261	Humidity test report for the AN/TRN-41 TACAN navigational set	1977
19780081262	Vibration test report for the AN/TRN-41 TACAN navigational set	1977
19780081263	Orientation test report for the AN/TRN-41 TACAN navigational set	1977
19780081264	Shock-drop test of the AN/TRN-41 TACAN navigational set	1977
19780081265	Maintainability test report for the AN/TRN-41 tacan navigational set	1977
19780081266	Rain test report for the AN/TRN-41 tacan navigational set	1977
19780081267	Performance test report for the AN/TRN-41 tacan navigational set	1977
19780081268	Impact of the ancillary group for the AN/TRN-41 tacan navigational set	1977
19780081269	SIG-D pneumatic actuation system analysis and performance	1977
19780081270	Aircraft navigation system verification of the litton LN-40 inertial navigation system	1977
19780081271	Tactical Inertial Performance Requirements Analysis (TIPRA) (U)	1977
19780081276	Customer service test of the German 8.2 metric-ton (18,000-pound) capacity helicopter sling set number 5	1977
19780081277	Classification of factors which determine the reliability of flight vehicles	1977
19780081278	Evaluation of a semirigid and a 5 degree droop nozzle in-flight refueling probe installations on model S-3A airplanes	1977
19780081281	Northern conus winter test of the Utility Tactical Transport Aircraft System (UTTAS) (preproduction UH-60A helicopter)	1977
19780081282	AN/ARC-164 - F-15 operational evaluation	1977
19780081284	Attrition of helicopters by artillery fires (U)	1977
19780081285	Rotary and fixed-wing aircraft study. Phase 1 briefing. Analysis of FAC-X options (U)	1977
19780081288	EC-135 EMP assessment program, low frequency radio systems, AN/ARC-96, EMP threshold analysis, part 4 (U)	1977
19780081289	EC-135 EMP assessment program, low frequency radio system, AN/ARC-96, EMP threshold analysis, part 3 (U)	1977
19780081290	EC-135 EMP assessment program, low frequency radio system, AN/ARC-96, EMP threshold analysis, part 2 (U)	1977
19780081291	EC-135 EMP threshold analysis, low frequency radio system, AN/ARC-96, EMP threshold analysis, part 1 (U)	1977
19780081292	EC-135 EMP assessment program, automatic switching system AN/ATC-1, EMP threshold analysis, Part 3 (U)	1977
19780081293	EC-135 EMP assessment program, automatic switching system AN/ATC-1, EMP threshold analysis, part 1 (U)	1977
19780081294	EC-135 EMP assessment program, automatic switching system AN/ATC-1, EMP threshold analysis, part 2 (U)	1977
19780081296	EC-135 EMP assessment program, liaison radio system AN/ARC-58, EMP threshold analysis, part 2 (U)	1977
19780081297	EC-135 EMP assessment program, liaison radio system AN/ARC-58, EMP threshold analysis, part 1 (U)	1977
19780081300	Optimal relationship of the stages of design work and the beginning of series production of airplane engines	1977
19780081301	The interrelationship of factors determining the development of aircraft engine service life	1977
19780081302	The RB 199 power plant of the tornado	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081303	The TF34 engine product improvement program, TF34-GE-400 engine turbine shroud rub/compressor stage four stator vane strain evaluation	1977
19780081304	Calculation of losses in short annular diffusors of a gas-emission system of transport GTD	1977
19780081305	Selection of the basic parameters, which determine the level of the prime cost of the engines of flight vehicles in the mastered series production	1977
19780081310	Beam-riding rotor platform Kiebitz	1977
19780081311	Longitudinal buildup of oscillations of an aircraft	1977
19780081312	Stability and aircraft handling	1977
19780081313	Stability and aircraft handling	1977
19780081314	Development of generic flight control system PD/H (probability of damage given a hit) curves	1977
19780081315	Back-up flight control design procedures to increase survivability of aircraft. Volume 3: Design manual, revision	1977
19780081316	Babo: A simulation model for assessing the collateral damage caused by a bombing attack on an airbase	1977
19780081323	The shotgun test: A tool for evaluating solid propellants	1977
19780081325	Base burning propulsion for advanced interceptors	1977
19780081327	Advances graphite motor cases	1977
19780081331	Advanced pneumatic actuators	1977
19780081332	Evolution of a low cost nozzle design for the PATRIOT propulsion system	1977
19780081333	Mass production techniques for small rocket motor cases	1977
19780081334	Direct injection liquid propellant gun technology	1977
19780081335	Electrothermal, non catalytic hydrazine engine	1977
19780081364	Space studies in Ukraine: Selected articles	1977
19780081373	Fleet satellite communication system rcs tank expulsion and storage test	1977
19780081375	Feasibility of steering an ABM missile using magnets (U)	1977
19780081380	Computerized description of an inflight US standard ARM (AGM-78) missile (U)	1977
19780081382	IR threat warning receiver (U)	1977
19780081383	SPARROW 3 (AIM-7F) first article qualification test program (U)	1977
19780081384	Development test 2 of STINGER guided missile system (XFIM-92A) Identification Friend or Foe (IFF) (U)	1977
19780081385	STINGER/STINGER alternatives quantitative risk analysis (U)	1977
19780081386	Low cost optimized performance inlet. Volume 3: Performance documentation (U)	1977
19780081393	PARCS performance, volume 1 (U)	1977
19780081394	PARCS performance, volume 2 (U)	1977
19780081401	Minuteman flight analysis report. Volume 1: Basic performance. LGM-30F operational test phase 2 program: Launch 30, FTM2351, Glory Trip 132M, WS-133AM. Launched 2 February 1977 UTC. WTR OPS no. 7269, 341 (U)	1977
19780081402	Self-Initiated Antiaircraft Missile (SIAM) phase 1 feasibility program (U)	1977
19780081403	Aerothermodynamic data base monthly data file contents report, phase C	1977
19780081405	Transient temperature estimation within a rocket nozzle assembly	1977
19780081409	Selected developments. Metals-ceramics-composites	1977
19780081410	Physics and chemistry of processing of materials selected articles	1977
19780081411	Mechanical and thermal properties and thermostructural response of several TaC, HfC and HfB2 composites	1977
19780081412	Assessment of alternate carbon phenolics for heatshields. Part 1: Program plan and preliminary results	1977
19780081413	Fabrication and testing of a composite material radome	1977
19780081414	Production of carbon filaments	1977
19780081415	Procedure for manufacturing continuous carbon filaments	1977
19780081416	The role of oxygen in the ignition of IPN vapour/N2/O2 bubbles	1977
19780081417	Study of the mechanism of the stabilization of flame on the contrary swirl sprays of two-phase mixture	1977
19780081418	Combustion of aluminum in media of different compositions	1977
19780081419	Study of limits of the stabilization of flame with the aid of the contrary swirl spray of two-phase combustible mixture	1977
19780081420	Effect of the thermophysical parameters on the ignition of the drops of fuel behind wave front of shock	1977
19780081421	Application of the photocolometric gas analyzers in industry	1977
19780081422	Methane chemical ionization mass spectrometry. 2: Comparison with electron impact mass spectrometry for identification of phosphoramidate agents (U)	1977
19780081423	The behaviour of titanium alloys in simulated marine gas turbine environments	1977
19780081432	They sharpened the cutters... with an explosion	1977
19780081433	The effect of nonmetallic inclusions on the fatigue strength of steel 40 Kh NML	1977
19780081434	An elementary formulation of yield conditions under consideration of anisotropy and the Bauschinger effect	1977
19780081435	Effect of chromium coatings on mechanical properties of titanium	1977
19780081436	Phase transformations in heat-treated steel E1961 during the prolonged action of elevated temperatures	1977
19780081437	Structure and magnetic properties of unidirectionally solidified binary eutectics of cobalt containing antimony, tin and niobium	1977
19780081438	Mechanism of the carbonic acid corrosion of gas-industrial equipment	1977
19780081439	Preliminary design and analysis studies of an advanced metal matrix structural component	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081440	Delays of ignition and the combustion rate of metals	1977
19780081445	Aventurine glass	1977
19780081446	Glass	1977
19780081447	The effect of reinforcing elements on carbonation and structurization of phenofurine-formaldehyde resin	1977
19780081448	Polymer glues and the gluing of plastics	1977
19780081449	The effect of the permolecular structure of the boundary layer on the adhesion of polymers	1977
19780081450	Use of ionites for trapping and purifying gases	1977
19780081451	Thermionic and adsorption properties of transition metal diborides from groups 4-5 in cesium vapors	1977
19780081452	Investigations in physics of high-temperature plasma and UTS in the USSR	1977
19780081457	Air launch instrumented vehicles evaluation program progress report	1977
19780081458	Tactical instrumented missile development	1977
19780081459	Improved normal stress transducer for solid propellant	1977
19780081460	Probabilistic life prediction for rocket motors subjected to random thermal loads	1977
19780081461	Probabilistic service life prediction of solid rocket motors subjected to thermal loads using computer simulation	1977
19780081462	Life prediction of solid propellant grains in storage from tensile and SEC data	1977
19780081463	The application of linear cumulative damage to service life prediction of XLDB smokeless propellant motors	1977
19780081464	Propagation of propellant-liner separations in a rocket motor grain under transient thermal loading	1977
19780081465	Temperature and rate dependence of the ultimate tensile properties of HTPB propellant	1977
19780081466	Chaparral smokeless rocket motor propellant grain structural analysis	1977
19780081467	Three-dimensional static and dynamic stress analysis of the 66 inch diameter MX third stage propellant grain	1977
19780081468	Nonlinear structural analysis of a thermal-loaded solid propellant grain	1977
19780081469	Fuel dump plume characterization, volume 1	1977
19780081470	Fuel dump plume characterization, volume 2	1977
19780081471	Solid reactant fluorine generator	1977
19780081473	Storage characteristics of amatex in submunitions (U)	1977
19780081475	PCDE propellant (U)	1977
19780081476	A comparison of three recoilless gun concepts utilizing a high-burning-rate propellant (U)	1977
19780081478	Liquid propellant gun technology exploratory development. Volume 7: Radio-fire heat transfer (U)	1977
19780081479	Ultrasonic device for measuring parts	1977
19780081480	Aerodynamics of discarded projectile hardware	1977
19780081481	Initial production test of air conditioner, 9000 BTUH, compact, horizontal, type 2, class 3	1977
19780081482	Aircraft on air cushions, transport vehicles of the future	1977
19780081483	Magnetic fields: The toilers	1977
19780081484	Electromagnetic signal from underground explosions	1977
19780081485	CCD radar processor development	1977
19780081486	Radiowave propagation, part 1	1977
19780081487	System for the conversion of signals for the transmission of data along wide-band communication channels	1977
19780081488	Voice signal analyzer	1977
19780081490	Private line interface development. Packet network security and PLI development. Packet broadcast by satellite. UNIX system development	1977
19780081491	New methods and means for precision measurements	1977
19780081492	The use of an optical channel for transmitting information for measurements under conditions of strong interference	1977
19780081493	Telecasts in the 10th five year plan	1977
19780081494	Microwave transmitter reliability and maintainability improvement program	1977
19780081495	Low-flying aircraft radar system TRMS	1977
19780081496	A special treatment	1977
19780081497	RCS radar facility for the measurement of the radar cross section of various targets	1977
19780081498	Operational evaluation of the multifunction mast antenna system, AN/BRA-34 (U)	1977
19780081505	Suitability of modifying existing airborne radar systems to perform the VAMX mission (U)	1977
19780081506	Additional radar candidates for modification to perform the VAMX mission (U)	1977
19780081507	Detailed test plan for developmental test and evaluation of the ADAR set, AN/TPS-59, annex H and L (U)	1977
19780081508	Shipboard electromagnetic compatibility improvement program (SEMCIP) radar evaluation results aboard USS MOUNT WHITNEY (LCC-20) (U)	1977
19780081509	Navy long wave propagation center TACAMO performance predictions in the Pacific, TACAMO 4-B/VERDIN supplement (U)	1977
19780081513	Ladar projected grating (U)	1977
19780081514	TRISAT training, analysis, and library (U)	1977
19780081515	TRISAT training, analysis, and library (U)	1977
19780081518	Air interdiction control capability (AICC) system configuration, volume 2 (U)	1977
19780081519	Air interdiction control capability (AICC) system configuration. Volume 1: Executive summary (U)	1977
19780081520	TRISAT training, analysis, and library (U)	1977
19780081528	Device for synchronization of pseudorandom sequences	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081529	Handbook of electric drive systems technology for deep ocean applications	1977
19780081530	Project briefs: Completed projects supplement 21	1977
19780081531	Simplified criteria of the selection of the circuit of star sensor	1977
19780081532	Transformers of powerful nanosecond pulses	1977
19780081534	Problems of electrical safety in the national economy	1977
19780081535	Evaluation of 25mm inverter image intensifier tubes containing microchannel plates made with new types of glass	1977
19780081536	Pulsed electron-optical light amplifiers for studying nanosecond and picosecond light processes	1977
19780081537	Logical simulation of large scale integrated circuits in algorithmic language FORTRAN	1977
19780081541	Ku-band integrated solid state power amplifier (U)	1977
19780081546	Low band millimeter wave TWT QKW1756 (U)	1977
19780081547	Low band millimeter wave TWT QKW1756 (U)	1977
19780081551	High-band millimeter-wave TWT (U)	1977
19780081554	Remarks on the analysis of hot wire signals of highly turbulent flows	1977
19780081555	Calculation of turbulent MHD flows in plane diverging and converging hannels	1977
19780081556	Calculation of turbulent boundary layer on insulating wall of MHD generator channel	1977
19780081557	Fabric coatings for satellite temperature control, volume 1	1977
19780081558	Dynamic methods for investigating the structure of fibrous filters	1977
19780081563	Spectral properties of holograms	1977
19780081564	Automatic control of exposure in aerial cameras AFA-TEU and AFA-TES	1977
19780081565	Determination of light sensitivity of reversible color films	1977
19780081566	Considering the effect of the spectral characteristics of the information channel in the solution of the exposure meter problem in aerial photography	1977
19780081567	Progress of cinematography technique survey of the most important works of 1975)	1977
19780081568	New topographic aerial cameras AFA-TE-7 and AFA-TE-35	1977
19780081569	Problems of navigational gyroscopics, issue 1	1977
19780081571	Reflection and transmission coefficients of thin films in laser emission	1977
19780081572	High-power deformable corrector mirror development, volume 1	1977
19780081573	Theoretical laser effects studies	1977
19780081574	Reactor's lessons	1977
19780081575	Investigation of CO2 laser with a dispersion resonator	1977
19780081576	X-ray laser applications study	1977
19780081577	Laser light modulation: The acoustooptical effect and the cavity dumping technique	1977
19780081578	High power light pulses in a laser cavity	1977
19780081579	Gas dynamics of pulsed chemical lasers	1977
19780081580	Pulse-shape dependence in population inversion with frequency chirping	1977
19780081583	Precision weapon guidance seeker (U)	1977
19780081590	Electron beam systems in space: Summary (U)	1977
19780081591	Electron beam systems in space (U)	1977
19780081592	Cylindrical chemical laser segment design study, part 1 (U)	1977
19780081593	Cylindrical chemical laser segment design study, Part 2 (U)	1977
19780081595	Investigation of temperatures of cutting edges of hard-alloy drills	1977
19780081596	Run-flat effectiveness of the hutchinson flat-proof tire insert	1977
19780081597	Automatic tractor drive with the help of photo-optical control systems	1977
19780081598	In the ministry of the machine building and tool industry, USSR	1977
19780081599	Forces on trailing edge of cutting tool	1977
19780081600	Distribution of adjusted cutting depth during turning	1977
19780081601	The question of the optimization of conditions of milling for machine tools with program controls	1977
19780081602	Turning lathe tool with convex rear surface	1977
19780081603	The introduction of machines with NPC in the factories of the ministry of the machine tool building and tool industry	1977
19780081604	Advantages of development according to plan	1977
19780081605	Technological preparation for milling the fixed cross-sectional working profile of a turbine blade on a machine tool with digital programmed control	1977
19780081606	At the ministry of the machine building and tool-building industry of the USSR	1977
19780081607	Organization of flow-line production of machine tools with ChPU	1977
19780081608	Pressing of forgings using high-temperature thermomechanical treatment	1977
19780081609	Tasks of developing the production of machine tools and machines with programmed control	1977
19780081610	To raise the quality of scientific investigations	1977
19780081611	Effectiveness of hard-alloy worm slitting mills	1977
19780081612	Commercial welding equipment to meet Marine Corps mobile welding requirements	1977
19780081613	Experience in adopting machine tools with digital programmed control	1977
19780081614	Adaptive systems for reproducing programs for three-dimensional milling machines	1977
19780081615	The effect of elements of a hydraulic network on the boundary of the stability range of a turbomachine	1977
19780081616	In the ministry of the machine-tool industry of the USSR	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081617	Industrial containers: Technology, organization, economic aspects	1977
19780081618	Development test III of tank, fabric, collapsible, 50,000-gallon, POL	1977
19780081619	Effect of the method of sharpening on the life of cutters of a hard alloy and elbor r	1977
19780081620	Electro-erosion cutting of parts by continuously moving electrode-wire	1977
19780081623	Multipath-tolerant digital sidelobe canceler(U)	1977
19780081624	Progressive methods for treating aircraft and engine parts (selected articles)	1977
19780081625	Quality of production and supply	1977
19780081626	Development and initial application of a technique to measure vibration mode shapes of a rotating blade	1977
19780081627	An equilibrium finite element for plate stretching	1977
19780081629	State of knowledge of cartography of the eastern countries	1977
19780081630	Contribution of graphs and hypergraphs to cartographic information processing	1977
19780081631	Occurrence and distribution of the major minerals along the nonpolar coastlines of the world	1977
19780081632	Aerospace methods of geographical studies, chapter 1 and 7	1977
19780081633	Effect of shift in image on image properties of aerial photographs	1977
19780081634	Digital target location feasibility study report (U)	1977
19780081635	State-of-the-art survey for waste heat recovery systems	1977
19780081636	Opto-electronic components: Solar cells	1977
19780081638	Energy, entropy, evolution and the energy crisis	1977
19780081639	Photometric method for determining an aerosol of ammonium salts in atmospheric air	1977
19780081640	Photometric method of the separate determination of a number of mineral acids in the atmosphere	1977
19780081641	Such air we breathe	1977
19780081643	Sounding of the atmosphere	1977
19780081644	Report of Second Symposium on the Design, Testing, and Deployment of Unattended Ground Sensors	1977
19780081645	Applied geophysics no. 84, 1976	1977
19780081646	Thermostability of continental and ocean cloud condensation nuclei	1977
19780081647	A device for measuring the water content of two-phase fogs	1977
19780081648	A condensation increase in the drops on particles of sodium chloride at minus temperatures	1977
19780081653	The kirklian effect and medicine	1977
19780081654	Hygienic estimation of the air medium and status of the health of workers, when conducting repair work within boilers Estonian by GRES	1977
19780081656	Aviation and cosmonautics (selected articles)	1977
19780081660	Method of hygienically estimating means of individual human protection	1977
19780081661	Muscle stresses induced by infantry helmets of the personnel armor system for ground troops	1977
19780081662	Control of the storage and processors and in the uniform computing system	1977
19780081663	The IZOT 1370 memory unit with the IZOT 5269A removable minidisk cassette	1977
19780081664	Small computer system ROBOTRON 4201	1977
19780081665	Problems of the construction and designing of hybrid computer systems on a microelectronic base	1977
19780081666	Test report for the Hughes AN/UJK-30 military microcomputer	1977
19780081667	Language of the operating schematics of parallel algorithms storage, language OSPAP	1977
19780081668	Simulation model of the 2B-31 synthetic flight training system	1977
19780081672	On the equation defining the axes of spherical harmonics	1977
19780081673	Transformation of the boundary-value problem for systems of elliptical differential equations and Fredholm integral equations, 1	1977
19780081675	Megagauss physics	1977
19780081676	Prediction of acoustic detection ranges for multiple sources and spatially distributed detectors	1977
19780081679	Electron-position bremsstrahlung at adone. A new limit for the existence of a heavy electron	1977
19780081680	Radiative decays of 2(++) and 1(++) mesons	1977
19780081681	Pion EM structure functions from pion exchange in leptoproduction	1977
19780081682	Sum rules and non-regge terms in photon-photon scattering	1977
19780081683	Description and performance of MEA, the magnetic detector at Adone	1977
19780081684	Determining the angular divergence of an intense ion beam	1977
19780081685	Development and potential of radial-line accelerators (U)	1977
19780081686	Optical distortions in lenses under thermal effect of powerful laser pulse	1977
19780081687	Measurement of the statistical parameters of the turbulent media by optical methods	1977
19780081688	Multicolor liquid-crystal light valve	1977
19780081690	A bibliography of developments of and optical measurements on materials for aerosol infrared screening (U)	1977
19780081691	Preliminary performance assessment of Electro-Optical Sensor Set (EOSS) EX 1 mod 0 during technical evaluation of naval gunnery improvement program system aboard USS CHARLES F. ADAMS DDG-2 (U)	1977
19780081693	Video analysis requirements definition and system design. Design study of current and projected video equipment and techniques for analyzing naval target intelligence (U)	1977
19780081696	Experimental studies in a laser controlled thermonuclear fusion	1977
19780081697	Stability and transition to turbulence of rotary MHD flow in an axial magnetic field	1977
19780081698	Shock tube for high-temperature magnetogas-dynamic generator MGDG research	1977
19780081699	News of thermal nuclear research in the USSR, chapter 2	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081700	Advances and prospects of high-pressure physics	1977
19780081701	Defects in optical single crystals, scientific works	1977
19780081702	Neutron dosimeter development model	1977
19780081703	Most important task of high-pressure physics	1977
19780081704	On the lambda-lambda bar spectroscopy in E (+)e(-) annihilation	1977
19780081705	The amazing world of the crystal	1977
19780081706	Appearance potential spectroscopy of rare earths	1977
19780081708	Suppression of the form factor of a relativistic composite system due to the Pauli principle	1977
19780081709	Use of the bloch-vector model in tapered coupling problems	1977
19780081712	Economy, organization and planning of aviation production, part 1	1977
19780081713	Economy, organization and planning of aviation production, part 2	1977
19780081714	ADTC technology needs fiscal year 1976	1977
19780081716	The design of DORKEY, a system for on-line retrieval of documents by keyword	1977
19780081717	The automated computer-based system for the processing, storage, and retrieval of gravimetric data	1977
19780081720	From an arsenal of investigators	1977
19780081721	New technological developments	1977
19780081722	Evaluation of Clean Air, Inc. Phase 1: Multifunctional incinerator	1977
19780081728	Gaining access to the world of the planets	1977
19780081730	System dynamics approach to aircraft cost/readiness analysis, a feasibility study	1977
19780081731	The maintenance of the concorde, seen from the manufacturer's point of view	1977
19780081732	Experiments on supersonic lee-side flow past delta wings	1977
19780081733	Strength of an aircraft (selected pages)	1977
19780081734	The jet flap wing near ground with particular attention to large angles of attack and jet flap angles	1977
19780081736	Surveillance: Fleet-returned M151 cartridges	1977
19780081737	Three-dimensional distance matching correlator	1977
19780081738	Navy technical evaluation of the AN/ASN-123 tactical navigation set in the SH-3H helicopter	1977
19780081739	Acceptance test report for the AN/TRN-41 tacan navigational set	1977
19780081740	Electromagnetic compatibility test report for the AN/TRN-41 tacan navigational set	1977
19780081741	Follow operational evaluation of the E-105 OFP (Operational Flight Program) for the A-6E CAINS (Carrier Aircraft Inertial Navigation System) aircraft (U)	1977
19780081744	The F-105/BDU-33 and F-105/MK 20 (rockeye) compatibility test	1977
19780081745	Model TA-7C aircraft high angle-of-attack/spin characteristics. Phase 1: Navy technical evaluation	1977
19780081746	Flight test of BQM-34F with A/A37G-9A flight control system	1977
19780081749	Contractor's carrier suitability demonstration of the TA-7C airplane	1977
19780081750	AN/AWG-10A weapons control system (U)	1977
19780081752	Vulnerability of A-7E aircraft to selected nonexplosive projectile threats (U)	1977
19780081753	Initial operational evaluation of the OV-10D aircraft (U)	1977
19780081754	FMU-117B electrical bomb fuze (U)	1977
19780081756	OT and E of F-111D digital computer tapes (GNC/WDC), issue D-18; NCU tape Pin-15 (U)	1977
19780081757	Helicopter operations in a night environment against a simulated threat, phase 2. HONEST 2: CDEC experiment FC041A (U)	1977
19780081758	Military aeronautical systems materials matrix study. Volume 1: Summary and results (U)	1977
19780081762	Operational concept for all weather target acquisition system - UPD-X (U)	1977
19780081767	Aeronautical systems technology needs: Avionics (U)	1977
19780081768	Radiation and smoke from gas turbine flames. Part 2. Fuel effects on performance	1977
19780081769	Analysis of characteristics of different designs of a blade apparatus of a turbine with counter rotation of the blade rows	1977
19780081770	Development of turbine engine structural design criteria, volume 1	1977
19780081771	The 1-2 PPS Small Turbine Advanced Gas Generator (STAGG) program (U)	1977
19780081772	Solid fuel ramjet combustor tests (U)	1977
19780081773	Turbine engine technology demonstrator component development program	1977
19780081774	TL-39 simulator	1977
19780081775	Planned system for collecting information on runway damage	1977
19780081776	The simulator operates more	1977
19780081777	Experimental study of two-stage injector for a supersonic wind	1977
19780081785	Development of an advanced system identification technique for maneuvering reentry vehicle aerodynamic modeling (U)	1977
19780081788	Investigation of explosively driven gas launch techniques, experimental phase (U)	1977
19780081797	Test program for skycatch mark II dual accumulator recovery system for the AIDS program	1977
19780081798	Wind tunnel testing of a missile using Boundary Layer Thrust Vector Control (BLTVC)	1977
19780081799	Injecting a satellite into stationary orbit	1977
19780081800	Millimeter wave beamrider system	1977
19780081811	Investigations of hand-over techniques for laser/IR bifunctional guided projectiles (U)	1977
19780081817	Target illuminated low light level television study. Feasibility issues and development plan (U)	1977
19780081822	SA-X expendable payload (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081823	Determination of the vulnerability of selected systems, phase 2 report. Volume 1: Shrike damage tests (U)	1977
19780081825	Operational evaluation of the F-14A/phoenix weapons system (U)	1977
19780081829	Advanced designation concepts program. Concept definition task report (U)	1977
19780081833	Emitted Radiation From Special Engines (erase). part 3. determination of temperature and species number density in the exhaust plume utilizing laser-raman/rayleigh scattering	1977
19780081834	JANNAF Handbook: Rocket Exhaust Plume Technology	1977
19780081835	Exoatmospheric interceptor propulsion/concept definition and simulation development program (U)	1977
19780081837	Air Force Rocket Propulsion Laboratory report (U)	1977
19780081839	Operational development of a smokeless rocket motor for the Chaparral air defense system (U)	1977
19780081840	Realization of the strength of filaments in unidirectional composites	1977
19780081841	Pin method of connecting parts made of polymeric composite materials	1977
19780081846	Diffusion welding of materials (chapters 6, 9, and 16)	1977
19780081847	Scientific achievements lead to higher production	1977
19780081848	Effect of heat treatment on structure and mechanical properties of alloys ZhS6-U	1977
19780081849	Refinement of titanium armor specification	1977
19780081852	Adhesives for composites of foams and metallic or nonmetallic materials	1977
19780081853	Fire-protection coatings, review of military specification MIL-C-46081	1977
19780081854	Refractories of granular structure from yttrium oxide	1977
19780081856	Melting of hydrogels containing ammonium nitrate	1977
19780081858	Demonstration of upgraded HTPB propellants (U)	1977
19780081860	Minimum smoke propellants (U)	1977
19780081861	Pyrophoric parameter investigation (U)	1977
19780081865	Cryogenic refrigerator for HALO program	1977
19780081869	Cross correlation of orthogonally polarized backscatter components	1977
19780081870	Optimal algorithm of post-detector detection of a stochastic signal (frequency method)	1977
19780081871	Improving small ships' short range high frequency communications	1977
19780081872	Receiver design for the Naval Postgraduate school SATCOM signal analyzer	1977
19780081873	How are antennas measured	1977
19780081874	Evaluation of the AN/ARC-175 VHF radio in the EA-6B airplane	1977
19780081876	Radar millimeter backscatter measurements on hard targets (U)	1977
19780081878	Low Cost Attack Radar (LCAR) (U)	1977
19780081880	RCS matrix study of sea clutter (U)	1977
19780081883	Salty net system specification for 407/link 1 interface. Volume 1, revision 2 (U)	1977
19780081895	Adaptive jammer control and special receiver (U)	1977
19780081902	Operational evaluation of the AN/ALR-66 countermeasures receiving set (U)	1977
19780081904	Application of a scatter model field and hypervelocity-range data (U)	1977
19780081910	Evaluation of 18mm image tubes with new glass MCPS	1977
19780081911	Effective internal resistance of segmented electrode channel in the case of nonuniform electrical conductivity of the medium	1977
19780081912	Explosion proof electric discharges and friction sparks (chapters 2 and 4)	1977
19780081913	SOS gate protection	1977
19780081914	Development of a C-band catt	1977
19780081916	Automatic system for tracing functional diagrams	1977
19780081919	Tape chip carrier for hybrid microcircuits	1977
19780081920	Improved resolution microchannel plate (U)	1977
19780081924	Gas flow from exothermic reactions behind shock waves	1977
19780081925	A study of noises due to the components of a fluidic device	1977
19780081928	Development of turbulent boundary layer after interaction with S	1977
19780081929	Results of a study of the kinematics of a flow in a rotating diffuser of a rotary blade blower	1977
19780081930	The behavior of cooling towers with corrugated asbestos cement plates in countercurrent flow on change of the air parameter	1977
19780081931	Lightweight heatsink concept development study (U)	1977
19780081933	Transactions of the Leningrad electrotechnical institute of the order of Lenin Im. V. I. Ulyanov, Lenin (selected articles)	1977
19780081934	Laboratory testing of the angular accelerometer schuler pendulum	1977
19780081935	Signal/noise ratio and detective quantum efficiency in photographic layers	1977
19780081936	Some problems of the application of aerial night photography	1977
19780081937	Holographic interferometry to monitor impact phenomena	1977
19780081938	A checking device of the highest accuracy for the means of measuring the duration of a single optical radiation pulse	1977
19780081939	Laser window materials and optical coating science	1977
19780081940	Metals are worked by the laser: From military technology	1977
19780081942	Physical bases of the treatment of materials by laser beams, part 1	1977
19780081943	Physical bases of the treatment of materials by laser beams, part 2	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780081944	Effects of optical components on the triggering of spark gaps by a laser beam	1977
19780081947	Cylindrical chemical laser sector program (U)	1977
19780081948	Dissociation efficiency of electron-beam-triggered discharges for initiating atmospheric-pressure H ₂ -F ₂ lasers (U)	1977
19780081949	Adaptive optics field tests with a high-energy laser (U)	1977
19780081950	Laser cross section measurements of aerospace vehicles. Part 2: Effect of target surface characteristics and comparison of test results for actual and scale model aircraft (U)	1977
19780081951	HELWS PERCAM evaluation, volume 1 (U)	1977
19780081955	Novel Kill Mechanisms program. Laser lethality technology, volume 3 (U)	1977
19780081956	Advanced laser application study (U)	1977
19780081957	Laser impulse applications research. Volume 2: Ocean surveillance (U)	1977
19780081959	Special Purpose Optical Filter (SPOF) (U)	1977
19780081962	Voronezh heavy mechanical press plant on the path of technical progress	1977
19780081963	Containerization in foreign countries	1977
19780081964	The force of plant science	1977
19780081965	Automatic control of cutting force during cylindrical grinding	1977
19780081966	The effect of a medium on the cutting process	1977
19780081967	Rational ways for increasing the individual output of energy gas turbine units made in accordance with a simple thermal scheme	1977
19780081968	Experiment of our plant	1977
19780081970	Status and developmental tendencies of devices and equipment for non-destructive materials testing in the Soviet Union	1977
19780081971	Collection of problems in vibration theory, part 1	1977
19780081972	Collection of problems in vibration theory, part 2	1977
19780081973	Response of adaption kits in axial impacts	1977
19780081974	Interactive edit display: Automated compilation design concepts	1977
19780081975	Process of terrain data record acquisition and various computer programs for computation of digital terrain models with respect to line-of-sight conditions	1977
19780081976	Study of the earth from orbit	1977
19780081977	On planet and above it	1977
19780081978	Development of techniques and methods for a large-scale mapping	1977
19780081980	Quick strike reconnaissance (U)	1977
19780081981	OV-10D low temperature battery starting comparison	1977
19780081982	Continued development of higher energy density lithium reserve battery	1977
19780081983	Investigation of an explosion-driven coaxial MHD generator	1977
19780081985	Measuring complex of an automated system of control of the contamination of atmospheric air	1977
19780081986	Results of the investigations of natural aerosols in a lower troposphere, to 5500 m above sea level	1977
19780081987	Soviet magneto-ionosphere observatories	1977
19780081988	Construction climatology	1977
19780081989	Wind speed, water depth, and acoustic provinces expected within one-degree squares of the deep basins of the Mediterranean Sea (U)	1977
19780081992	Spectral study of the combustion of particles of magnesium at low pressure	1977
19780081993	Modified stokes rescue litter	1977
19780081994	Translations on USSR science and technology: Biomedical and behavioral sciences (GUO 42/77)	1977
19780082002	Script users manual	1977
19780082003	Tactical analysis on the personal programmable calculator: Six algorithms	1977
19780082004	On the question of the feasibility of accomplishing a task with a stand-by computer	1977
19780082005	Efficient techniques for signal processing	1977
19780082006	An approach to the evaluation of software development methodology	1977
19780082007	Joint Operation Planning System (JOPS) JOPS 3 Time-sharing Software System (JTSS) JTSS Interface Monitor (JIM) program Maintenance Manual (MM)	1977
19780082009	Modular programming in unified systems	1977
19780082010	Automatic control and computer sciences, selected articles	1977
19780082012	Adaptive Control And Learning Processes (ACALP) (U)	1977
19780082013	Sand and dust test report for the AN/TRN-41 tacan navigational set	1977
19780082017	Tactical Air Forces concept for tactical applications of space systems (U)	1977
19780082023	Long range propagation experiment: Antigua-Newfoundland acoustic fluctuation data (U)	1977
19780082026	New method of dosimetry of ionizing radiation	1977
19780082027	Acceleration of ions in electron beams	1977
19780082028	TECOM evaluation, Development Test (DT) 3 of night vision goggles, AN/PUS-5, under Arctic winter conditions	1977
19780082029	Critique of electro-optical simulation system prototype thermal terrain model	1977
19780082031	Flight test of the RF-4C/FLIR reconnaissance system (RF-4C/PAVE) (TACK) (U)	1977
19780082032	Mid IR blackhole effect (U)	1977
19780082033	HGCDTE infrared detector optimization (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082038	Comparison of imaging devices for recording prediction-compensated images. (U)	1977
19780082039	Optical concepts definition analysis. Volume 3: Terminal optics program (U)	1977
19780082040	Optical Discrimination Evaluation (ODE). Volume 4: Laser Discrimination analysis (U)	1977
19780082042	Method of measuring the conductivity of a medium in a wide dynamic range	1977
19780082043	Characteristics of low temperature electrodes for MHD power generations	1977
19780082044	Radio frequency (RF) driven plasma beams at one atmosphere	1977
19780082045	X-ray photoemission: X-ray dose enhancement	1977
19780082046	Soft X-ray photoemission	1977
19780082047	Silicon/sapphire interface radiation study	1977
19780082049	Glassy semiconductors in devices for the recording of optical images	1977
19780082050	Explosion diamonds and some of their properties	1977
19780082053	Environmental impact assessment of weapon system acquisition programs	1977
19780082054	Technology needs (U)	1977
19780082055	The lexicography-information-system (LEXIS) of the Federal Armed Forces Languages Service	1977
19780082057	France: Nuclear, missile, and space developments, GUO no. 437	1977
19780082058	Ballistic reentry vehicle aerodynamic coefficient estimation using an advanced system identification technique	1977
19780082059	Aeromechanics (collection of articles), part 1	1977
19780082060	Aeromechanics (collection of articles), part 2	1977
19780082061	High altitude superpressured powered aerostat HASPA material improvement program	1977
19780082063	The sky awaits the airships	1977
19780082064	Follow-on operational evaluation of the SEU-3/A automatic aircrew system in the AV-8A	1977
19780082066	An analysis of the United States role in search and rescue operations in Latin America	1977
19780082068	Operational test 2 of position and azimuth determining system AN/USQ-70 RCS ATCD-8	1977
19780082069	Performance flight testing of the AN/ARN-84(V) MicroTACAN and AAT-701 electronically scanned antenna, volume 1	1977
19780082070	Performance flight testing of the AN/ARN-84(V) MicroTACAN and AAT-701 electronically scanned antenna, volume 2	1977
19780082071	Low pressure altitude test report for the AN/TRN-41 TACAN navigational set	1977
19780082074	Software evaluation annex G to the F-16 operational test and evaluation plan	1977
19780082075	Cargo Aircraft Mine Ejector/Launcher system (CAMEL)	1977
19780082076	Aerojet delivered, self-destruct antipersonnel mine, BLU-92/mine, B (GATOR)	1977
19780082079	YAV-8B structural description	1977
19780082080	YAV-8B aerodynamics stability and control and flying qualities report	1977
19780082081	Quarterly compilation of abstracts on completed test, experimental, and development (TED) projects	1977
19780082082	Application of FASTOP to the flutter and strength design of military flight vehicles. Volume 2: Design of an advanced fighter wing	1977
19780082084	Customer test of the CH-54 for para-drop pod certification	1977
19780082085	EF-111A limited performance, propulsion and flying qualities tests	1977
19780082086	The F-4E improved 20-mm gun system flight test	1977
19780082087	The A-10A flying qualities Air Force developmental test and evaluation	1977
19780082088	Navy medium VTOL design using the reverse velocity rotor	1977
19780082089	The S-3A airplane systems/component tests, WR27-1 auxiliary power unit compartment temperature survey	1977
19780082090	Evaluation of the helicopter hauldown, rapid secure and traverse system	1977
19780082093	Advanced inlet/airframe integration concepts study	1977
19780082097	Development of combat aircraft	1977
19780082098	Static ejection test of the BRU-28/A ejector release unit	1977
19780082099	A-10A follow-on operational test and evaluation, phase 1	1977
19780082100	Aluminum D-27/ALE-29A dispenser block: Preliminary ground tests and flight tests	1977
19780082102	In-flight spin test methods	1977
19780082105	Human engineering evaluation of Hamilton Standard digital altimeter	1977
19780082108	YJ101-YF-17 aircraft prototype development summary	1977
19780082110	Fuel tests for aircraft jet engines	1977
19780082111	The second life of aircraft engines	1977
19780082112	One model of the process of operation of aircraft TSVM	1977
19780082113	A flutter-speed formula for wings of high aspect ratio	1977
19780082114	Emergency runway selection and unexploded ordnance considerations in rapid runway repair	1977
19780082115	Installation adjustment procedure, Fresnellens optical landing system MK mod 3.09	1977
19780082116	Full-scale aircraft landing gear test stand	1977
19780082118	Instrument for the measurement of the electrical conductivity of air in the chambers	1977
19780082119	Operational test 2 of CH-47C synthetic flight training system (2B31)(SFTS)	1977
19780082120	The German-Dutch Wind Tunnel Project	1977
19780082121	Simulator comparative evaluation	1977
19780082122	The role of automation in Air Force helicopter flight simulator training	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082124	Synthetic flight training system, Fort Rucker, Alabama, April 1977	1977
19780082125	The special correspondent of Pravda transfers from mission control center	1977
19780082126	Radio control of the approach of space vehicles	1977
19780082127	ERASE: An overview	1977
19780082128	Prediction of pressure fluctuations associated with maneuvering re-entry weapons, volume 1	1977
19780082130	Test and evaluation of the model A/M34M-2 nitrogen servicing hand truck	1977
19780082136	Evaluation of the advanced development phase perishing 2 airborne computer verification and validation six degree of freedom simulation requirements	1977
19780082137	Star sensor for HAADS, volume 2	1977
19780082138	Cost implications of methods of satellite procurement of the Air Force	1977
19780082139	Nearing the finish	1977
19780082140	Advanced sensor concepts	1977
19780082146	Zuni rocket mark 71 mod 1 databook. Volume 1: System characteristics	1977
19780082147	Trajectory optimization with application to atmospheric evasion	1977
19780082148	Simulated AIM-7E/F attack with AIM-9E/J reattack against the BQM-34A/F	1977
19780082149	AIM-7E/F high altitude attack against the BQM-34A/F	1977
19780082150	Physical bases of aerodynamics of rockets	1977
19780082151	Shuttle launched spacecraft economic analysis. Volume 1: Executive summary	1977
19780082152	Shuttle launched spacecraft economic analysis. Volume 2: Technical discussion, part 1	1977
19780082156	Impulsive load testing of a reentry vehicle midsection using magnetically driven thin flyers	1977
19780082157	Perpetual motion machine for space Salyut-5	1977
19780082158	Tests of spacecraft	1977
19780082159	Perpetual motion machine for space	1977
19780082163	Conditions of the obtaining of a strong bonding of reinforced fibers with a matrix in plasma semi-finished products of composite materials	1977
19780082165	Pressure aging studies of composite materials	1977
19780082166	Process for the production of extruded articles from epoxide compositions	1977
19780082168	Advanced composites design guide. Volume 2: Analysis, third edition, third revision	1977
19780082170	Graphite composite landing gear components, technical discussion, volume 1	1977
19780082171	Friction and wear properties of PTFE composites at elevated temperatures	1977
19780082172	Fatigue research on bonded carbon fibre composite-metal joints	1977
19780082173	The role of reactions of dimethylamine with nitrogen tetroxide and ozone in the contamination of atmospheric air	1977
19780082176	Measurement of post-shock temperatures in aluminum and stainless steel	1977
19780082178	Journal of metallurgy, selected articles	1977
19780082179	Journal of metallurgy, selected articles	1977
19780082180	Hexanite: Studies on birth	1977
19780082181	Working light and heat-resistant alloys collection of articles, part 1	1977
19780082182	Working light and heat-resistant alloys collection of articles, part 2	1977
19780082183	Batch for making refractory materials	1977
19780082184	Direct casting of electroslag remelted steels	1977
19780082186	Effect of hardening temperature on brittle disintegration resistance of high-chrome steels EI802 and EP428	1977
19780082190	Glass for glass ceramic material	1977
19780082191	Investigation of the degradation of refractories under cyclic exposure to synthetic urine	1977
19780082192	Effect of reinforcing elements on carbonation and structurization of phenofurine-formaldehyde resin	1977
19780082193	Elevated temperature elastomers for integral fuel tank sealants, part 7	1977
19780082194	Evaluation of microchannel plate glasses	1977
19780082195	Glass for slag glass ceramic	1977
19780082197	Experimental determination of gas penetrability of filtering cloths at low pressures	1977
19780082198	Product improvement test of track rubber compounds for T142 track pads	1977
19780082199	A study on optically transparent polyurethane coatings for the new protective mask	1977
19780082201	The transient thermomechanical response of protective fabrics to radiant heat	1977
19780082202	Viscosity and sedimentation of a statistical copolymer of acrylic acid and methylemethacrylate in selective and mixed solvents	1977
19780082203	Microscopic fungi which destroy plastics	1977
19780082206	Compatibility and effectiveness of AFFF and purple K on fires involving hypergolic fuels and ethylene oxide	1977
19780082207	The incineration properties of surplus military PEPs	1977
19780082208	Spectral distributions: II. Visible spectrum of standard Navy yellow flare composition	1977
19780082209	Surveillance: Stockpiled M252 delay cartridges	1977
19780082210	Impact effects on solid propellants	1977
19780082211	HBX-3: High bubble energy explosive	1977
19780082212	Electrical ignition energy and electrode dimensions in liquid propellant guns temperature profile and ignition performance evaluation	1977
19780082213	LUU-10/B rescue marker qualification test	1977
19780082214	Prevention of sudden ignitions of powders and explosions of gas-disperse systems (selected articles)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082215	Types of powder and explosives	1977
19780082218	Handbook on the single system of design documentation	1977
19780082221	Miss distance indicator system evaluation	1977
19780082222	Acceptance test report on antenna, AS-3132/T, of the AN/TRN-41 tacan navigational set	1977
19780082223	Processing space-time signals, in information circuits	1977
19780082224	Extended displayed range of perspective radar	1977
19780082225	Radiowave propagation, part 2	1977
19780082226	Development test IIA (PQT-G) of radio data link, sound ranging, AN/GRA-114	1977
19780082227	The 8 GHz path loss measurements for Lindsey Air Station - Schierstein, Germany microwave link	1977
19780082228	Audiovisual subsystem of the National Military Command Center. Human engineering analysis and evaluation	1977
19780082229	High level electromagnetic (em) environmental criteria for US Army missile systems	1977
19780082230	Product improvement test of radar test set TS-2656 for the vulcan air defense system	1977
19780082231	Reed-Solomon coding of combined phase-and amplitude-modulated signals	1977
19780082232	Meteor burst communication in minimum Essential Emergency Communication Network (MEECN)	1977
19780082233	Methods for assigning frequencies to avoid intermodulation interference	1977
19780082234	Electronically Agile Radar (EAR) interface investigations	1977
19780082235	Performance profile of a three-element strip-line broadside antenna array for use in a portable mine detector radar	1977
19780082236	Coherent radar I.D. study APR software documentation, volume 2	1977
19780082237	A summary of theoretical investigations of proposed low-level SGEMP simulation techniques. Volume 1: General discussion	1977
19780082238	Standard remote terminal pre-installation demonstration SRT/PID	1977
19780082239	EMC characterization, AN/ARC-164 radio set	1977
19780082240	Vertical electric dipole over a non-stationary flat surface model of the time varying ocean surface at VHF/UHF	1977
19780082241	Signal detection based upon two zero crossing statistics	1977
19780082242	Space communications	1977
19780082243	E-3A airborne warning and control system (AWACS). Follow-on operational test and evaluation FOT and E, phase 1. Test plan, January 1977, change 1	1977
19780082245	Translations on telecommunications policy, research and development (GUO 14/77)	1977
19780082249	Noise stability of electronic devices for control systems (selected articles)	1977
19780082250	The strengths and weaknesses of Soviet electronics	1977
19780082251	Detection of induced pulses in proportional wire devices with resistive cathodes	1977
19780082252	Project briefs (active projects supplement)	1977
19780082258	Bulgarian linear integrated circuits	1977
19780082262	An experimental investigation into the influence of acoustic disturbances on the development of a turbulent boundary layer	1977
19780082263	Reflection of a shock wave from a wall in a combustible gas	1977
19780082264	Internal wave propagation in a variable-N fluid. 1: Formulation	1977
19780082265	Fabric coatings for satellite temperature control, Volume 2: Design handbook	1977
19780082266	Low-temperature heat pipes for flying apparatus	1977
19780082267	Blast traversal study. Phase 2: Effects of asymmetrical thermal and dynamic loads on interceptor performance	1977
19780082271	Applied gas dynamics (chapters 11, 12, and bibliography)	1977
19780082272	Tests of a fluorescence detector for high pressure liquid chromatography	1977
19780082275	Unsteady oscillations of a gyroscope with the inner gimbal-base elastic damping coupling	1977
19780082276	Curves of the threshold contrast of photographic materials	1977
19780082277	Manufacturing methods and technology program for universal detector/dewar modules, volume 2	1977
19780082278	Modular image interpretation system reliability and maintainability tests	1977
19780082279	FORWARD PASS evaluation report	1977
19780082280	Film processing on board an interplanetary station	1977
19780082281	Model spectrosensitometric device	1977
19780082282	Environmental Effects-Lasers (EEL) code model development plan	1977
19780082283	Laser in the shop	1977
19780082284	Development of industrial laser installation with digital programmed control	1977
19780082285	Synthesis and modeling of SIG-D laser IMU noise based on environmental vibration test results	1977
19780082286	Concept evaluation of Laser Engagement Simulation System (LESS)	1977
19780082287	Fabrication of an advanced gas dynamic laser. Part 1: Sections 1 through 16 and references	1977
19780082288	Laser digest, Spring 1977	1977
19780082289	Meteorological sensitivity study of high energy laser propagation, revision	1977
19780082290	Preliminary design of a collimator and target simulator	1977
19780082291	Laser with a high pulse repetition frequency on a mixture of CO2 and air	1977
19780082292	Pulsed laser transmitter	1977
19780082293	Lubricant pressure and edge deformations of a roller bearing	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082295	On the question of the technological reliability of metal-cutting lathes with numerical program control	1977
19780082296	Development of an improved 0.600-in. (15.2 mm) pitch diameter splined shaft coupling	1977
19780082297	Foundationless stability of machine equipment	1977
19780082298	Ways of optimizing processing operations on metal-cutting machines	1977
19780082299	Machine tool for electrochemical cutting	1977
19780082300	An analysis of adaptive systems of milling machines	1977
19780082301	Technical evaluation of the MK 2 mod 0 cutting torch	1977
19780082302	Continuous casting of ingots of aluminum alloys in a crystallizer with a gas-forming cover	1977
19780082303	Some problems and prospects of the development of continuous casting in an electromagnetic crystallizer	1977
19780082304	A system for control of a functioning transfer line	1977
19780082305	Analysis of the cutting process as an object of automatic control	1977
19780082306	Selection of the initial metal during radial shaping	1977
19780082307	Penetration and ricochet study of sub-scale and full-scale kinetic energy penetrators	1977
19780082313	Technological methods and means for quality control during aircraft construction, part 1	1977
19780082314	Technological methods and means for quality control during aircraft construction, part 2	1977
19780082315	Explicit high order finite difference analysis of rotationally symmetric shells	1977
19780082316	Failure of parts and defects of technical devices	1977
19780082317	Oscillations of cylindrical shells under the action of a wind load	1977
19780082319	Spectrozonial aerial photography with geological mapping, searches and exploration	1977
19780082320	Proceedings on a Workshop on Remote sensing of the marine boundary layer	1977
19780082321	From Minsk...on ice reconnaissance	1977
19780082322	The optimum relative aperture of aerophoto objective	1977
19780082323	Thermal and technical problems of the direct energy conversion (selected articles)	1977
19780082324	Study of diffuser in combined MHD and steam turbine generator system	1977
19780082325	The principal stages of development of thermo-electric power in the USSR	1977
19780082327	Recuperative tubular heat exchanger for open-cycle MHD electric generating plant	1977
19780082328	Experimental data for the hygienic substantiation of the maximum permissible concentration of copper oxide in the atmosphere	1977
19780082329	A new method for the calculation of atmospheric contamination by industrial wastes	1977
19780082330	State of works and problems in a field of study of the contamination of atmosphere	1977
19780082332	Aerosols: Our friends, our enemies	1977
19780082334	Measurements of the effects of refractive irregularities in the atmosphere on periscope imaging	1977
19780082335	Report of the planning meeting for the West African monsoon experiment wamex 1st	1977
19780082336	Some results of the aircraft examinations of the natural ice-forming nuclei in a lower troposphere	1977
19780082337	The propagation of optical waves in the atmosphere, selected articles	1977
19780082338	Effects of zone size, aspect ratio, and artificial viscosity on the accuracy of ground-motion calculations with finite-difference codes	1977
19780082339	Gravimetric method of research on the deep structure of the earths crust and upper mantle	1977
19780082340	Spherical harmonic analysis of the earth radiation budget components and the storage of future climate data from satellites in this form	1977
19780082342	Forecasting of cloud base change as a result of solar heating	1977
19780082343	Radar weather stations. Part 3: Meteorological radar MRL-2	1977
19780082344	Waves at seven stones light vessel (50 deg. 04 min N, 06 deg 04 min W) January 1968 to June 1974	1977
19780082347	Military Medical Journal, no. 3	1977
19780082348	Cardiovascular reserve in hyperactive individuals exposed to hypoxia	1977
19780082349	Functional status and fitness of man breathing oxygen without excessive pressure at high altitudes	1977
19780082350	Dynamics of carbohydrate metabolism in pilots while learning to fly new aircraft	1977
19780082351	Excretion of catecholamines by pilots during flights on simulators	1977
19780082352	Military Medical Journal, no. 5	1977
19780082353	Evaluation of slow paroxysmal waves on the EEG of pilots with neurocirculatory asthenia	1977
19780082354	Functional changes in experienced and beginning parachutists during jumps	1977
19780082355	Combined effect of ultrahigh-frequency radiation and hyperoxia on animals	1977
19780082356	Psychological aspect of the spatial orientation of an airplane pilot	1977
19780082357	Mental functions and intellectual performance of pilots with peptic ulcer	1977
19780082358	Outlook for medical and psychological screening in aviation	1977
19780082361	Some problems of aerospace biomedicine	1977
19780082362	The effect of static electric field on the organism of man and animals	1977
19780082363	Human tolerance to +Gz accelerations when the body is overheated	1977
19780082364	Ventilator reactions of man to hypoxia and hypercapnia under conditions of the reduced resistance to respiration	1977
19780082365	Muscular gradients and higher mental processes	1977
19780082366	Experimental study of the daily cycle of human physiological functions and performance with an altered sleep and wakefulness schedule	1977
19780082367	Change in activity of slow EEG rhythms as an indicator of a state of discomfort	1977
19780082368	Calorimetry of the human body in an enclosure	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082369	Human spinal reflexes and attention levels	1977
19780082370	Toposcopic research into spatial and temporal changes of spike-and-wave fields	1977
19780082371	Magnet doctoring	1977
19780082373	Translations on USSR science and technology: Biomedical and behavioral sciences (GUO 41/77)	1977
19780082375	Accounting for certain ergonomic factors in the modeling of pilot behavior	1977
19780082376	Psychological stability of the human operator performing dual functions	1977
19780082378	Relationship of heart rate to various degrees of responsibility and its correlation with the quantity of information received and processed	1977
19780082379	The importance of the level of physiological vigilance in the execution of a surveillance task	1977
19780082380	Changes of response in target monitoring during 29 hours of work	1977
19780082381	Psychophysiological correlates of auditory vigilance under noise conditions	1977
19780082382	Some psychophysiological aspects of vigilance	1977
19780082383	Hemispheric dominance, synchronization and individual frequency class preference with repeated test tasks (FRT) and the problem of reliability	1977
19780082384	The effect of psychotropics on the physical performance capacity of animals under high and low temperatures	1977
19780082385	Seeing through the earth	1977
19780082386	Integrated record data system for the EC-135 aircraft. Human engineering analysis and evaluation	1977
19780082387	Development Test 2 (DT 2) (PQT-G) of howitzer, medium, towed 155-mm, XM198, volume 1	1977
19780082388	Protective equipment for individuals	1977
19780082389	Human factors test and evaluation of the E-3A airborne warning and control system, volume 1	1977
19780082390	Human factors test and evaluation of the E-3A airborne warning and control system, volume 2, appendixes A-I	1977
19780082391	An emmy based evaluation of the CDC 6000 series CPU	1977
19780082392	Block organized random access memory: Flight test and evaluation, volume 5	1977
19780082393	Microelectronic control computer complex elektronika K-2000 and fields for its employment	1977
19780082394	Computer control systems	1977
19780082395	Contemporary state and prospects of using magnetic bubble-domain devices in a heirarchy of the memory units of computer and control systems	1977
19780082397	Use of computers during the design of commutation systems	1977
19780082398	SEM. A multiprocessor system for real time data processing	1977
19780082400	Procedure of research on algorithms in ACS	1977
19780082406	A program editor for use with a PDP8 minicomputer	1977
19780082407	Advanced equipment and development of time-sharing computer centers	1977
19780082408	Automatic control systems for technological processes	1977
19780082409	Probability distribution of array response for randomly perturbed element gains	1977
19780082410	Computation of the effective magnetic permeability and the losses in a magnetodielectric in a sinusoidal field	1977
19780082413	Translations on USSR science and technology: Physical sciences and technology (GUO 52/77)	1977
19780082414	Translations on USSR science and technology: Physical sciences and technology (GUO 51/77)	1977
19780082415	The time evolution of signal phasors in the region of partially saturated signal fluctuations	1977
19780082417	Interior noise levels in an executive helicopter	1977
19780082418	Resonant depolarization in a flat-topped proton synchrotron	1977
19780082419	Interaction of high-energy charged particles with germanium and silicon	1977
19780082420	Cyclotron in operation	1977
19780082421	Lateral - collection IR detectors, phase 1	1977
19780082422	Light guides with discrete correction for the transmission of information	1977
19780082423	Optical systems evaluation. Volume 1: Ray trace evaluation program	1977
19780082424	Optical systems evaluation. Volume 2: Optical performance evaluation code	1977
19780082425	Flight operational wideband fiber optic data links	1977
19780082428	Night vision equipment	1977
19780082429	Development of Electron Bombarded Silicon (EBS) Charge Coupled Device (CCD) imagers for night vision, phase 1	1977
19780082430	Study of a magnetic-field compression generator using gaseous explosives	1977
19780082431	Plasma physics	1977
19780082433	Radiative and nonradiative recombination of the neutral silicon acceptor in N-Ga0.2Al0.8As	1977
19780082434	Electronic widths and S-D coupling in charmonium	1977
19780082436	NASA Interactive Planning System (NIPS)	1977
19780082437	NASA Interactive Planning System (NIPS) Long Range Planning/Program Operating Plan LRP/POP software documentation	1977
19780082438	NASA Interactive Planning System (NIPS) Project Control System PCS documentation	1977
19780082439	NASA Interactive Planning System (NIPS) Research and Technology Operating Plan (RTOP) documentation	1977
19780082440	Quarterly report, FY 1978 (October - December 1977)	1977
19780082441	A grid diagram for the system	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082442	Support unit of automatic control system rechlot	1977
19780082452	Resources of low mechanization	1977
19780082453	Hypersonic aerodynamics, part 1	1977
19780082454	Hypersonic aerodynamics, part 2	1977
19780082455	Additive drag of two-dimensional inlets	1977
19780082456	Fundamental geometric and aerodynamic characteristics of aircraft and cruise missiles	1977
19780082458	The weather conditions were not taken into consideration	1977
19780082459	Limited evaluation of the TDU-30/B water recovery system	1977
19780082460	Test loading Navy deep submergence vehicle on C-5 aircraft	1977
19780082461	Surveillance: Fleet-returned M3A1 catapults	1977
19780082462	Combat Rescue Mission Analysis simulation model (CRMA). Phase 2: Model description	1977
19780082464	FLOLS MK 6 Mod 3 stabilization system R and M mission analysis	1977
19780082465	Mechanical and thermal properties of FMI-1.1.1 (pitch yarn) carbon-carbon billet 1299	1977
19780082466	Flight testing of the Grumman FASTMAP system	1977
19780082467	Flight testing of the Sierra SCORE system	1977
19780082468	Low temperature test report for the AN/TRN-41 TACAN nabigational set	1977
19780082469	Operational test and evaluation AN/TRN-14, lightweight airdroppable Tacan	1977
19780082470	Development of an advanced pattern matching technique. Volume 3: Proprietary data	1977
19780082472	Research and development	1977
19780082473	Operational test 2 (OT 2) of LORAN Airborne C/D navigation system an/arn-114 (XE-1, XE-2)	1977
19780082474	Flight test of the Doppler/integrated tactical navigation system (U)	1977
19780082477	USAF fifteen-year navigation plan (U)	1977
19780082478	Effect of the Advanced Location Strike System (ALSS) on the electromagnetic environment at three selected sites (U)	1977
19780082480	Radio-controlled model airplane used to help train antiaircraft gunners	1977
19780082483	Results of a concept validation study of fly-by-wire tail rotor controls for the AH-1S helicopter	1977
19780082484	Colmac Pant-A-Matic Model 800 pants finisher evaluation	1977
19780082491	Tactics guide 261-2-77 for P-3 fuel management	1977
19780082492	A-4 and F-4 RMK-19 tow reel compatibility and target qualification evaluation	1977
19780082493	US-3A airplane Navy technical evaluation	1977
19780082494	Flight test of the prototype BRU-31/A on the F-4 aircraft	1977
19780082495	Large diameter munition yaw investigation conducted with a vertical ejection rack (VER) configured with dual piston ejector units	1977
19780082496	Preliminary flight test report YC-141B program	1977
19780082497	E-3A climatic laboratory and environmental control and bleed air systems evaluations	1977
19780082498	Fractographic analysis of the T-2C aircraft main landing gear strut failure	1977
19780082502	Combat echo weapon system evaluation program. Might AIM-7E/F all aspect attack against the BQM-34A	1977
19780082503	Combat echo weapon system evaluation program. F-15/AIM-7F VS high-fast BOMARC	1977
19780082504	Windshield technology demonstrator program: Detail design options study, volume 1	1977
19780082505	Windshield technology demonstrator program. Detail design options study. Volume 2: B-1 windshield, pressurization structural analyses	1977
19780082508	F-15 performance Air Force Development Test and Evaluation (AFDT and E) (U)	1977
19780082510	Flight test of the advanced perforated can flare (U)	1977
19780082513	Air-to-air fire control exposition phase 5 (EXPO-5). Volume 2: Additional investigation test and one-on-one test (U)	1977
19780082514	Air-to-air fire control Exposition phase 5 (EXPO 5), volume 1 (U)	1977
19780082518	F-100 and A-37 combat damage incident analysis (U)	1977
19780082522	A compilation of vulnerability analyses of Soviet MIG-21F aircraft exposed to various 20mm to 40mm munitions (U)	1977
19780082523	Vulnerability analysis of the UH-1H, UH-1N, Bell 214 and a representative (UTTAS) as evaluated for the UTTAS COEA (U)	1977
19780082524	Navy technical evaluation of corrections to S-3A aircraft systems and equipment intrasystems and intersystem electromagnetic compatibility deficiencies (U)	1977
19780082527	Flow-on operational evaluation of the A-4M with ECP-1120 (U)	1977
19780082528	B-52 low level beacon bombing evaluation: Giant candle (U)	1977
19780082530	AN/APQ-153 radar modification (tactical radar threat generator (TRTG) simulator flight test). (U)	1977
19780082531	Flight test of a composite multi-tubular spar main rotor blade on the AH-1G helicopter. Volume 3: Ballistic tolerance and radar cross section (U)	1977
19780082532	Report of attack helicopter tactical evaluation 1 (U)	1977
19780082533	EMP assessment program, search radar system, AN/APN-59B, EMP threshold analysis report (U)	1977
19780082534	EC-135 EMP assessment program, UHF radio transmitter, AN/ART-47 EMP threshold analysis (U)	1977
19780082535	EC-135 EMP assessment program, Air Force satellite communications system, type 3 communications terminal, AN/ASC-21 threshold analysis, part 5 (U)	1977
19780082536	Helicopter requirements to support the Army logistic mission in Europe (HELIOLOG) (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082537	F/TF-15 A flying qualities Air Force development test and evaluation. Volume 2, appendix C: Maneuvering limits (U)	1977
19780082540	A simulation of RPV operation (U)	1977
19780082542	Rotary and fixed wing aircraft study. Phase 2 briefing. Analysis of fixed wing aircraft for battlefield interdiction (U)	1977
19780082543	Avionics and radio electronic equipment for KA-26 helicopter	1977
19780082544	Station logic unit	1977
19780082545	F-4E AN/ARN-101 digital avionics (U)	1977
19780082549	Brittle materials design, high temperature gas turbine	1977
19780082550	Design study of ceramic components for turbine engines	1977
19780082551	The 750-hour mission endurance test of a Pratt and Whitney aircraft TF30-P-412A turbofan engine	1977
19780082552	Automatics and Regulation of Jet Engines, chapters 4-6	1977
19780082553	The theory of automatic control of power installations of flying apparatus, the control of jet engines, part 1	1977
19780082554	The theory of automatic control of power installations of flying apparatus, the control of jet engines, part 2	1977
19780082556	Variable cycle engine study, phase 1 (U)	1977
19780082557	Advanced technology, variable area, low pressure turbine (U)	1977
19780082561	Inlet and ramburner freejet and transitions tests, Part 10: Inlet development (U)	1977
19780082566	The secrets of superhigh pressures	1977
19780082567	Study of wide field-of-view visual display systems for flight simulators	1977
19780082569	Airports and air routes	1977
19780082570	Methodology investigation of improved fuel handling equipment test capability	1977
19780082571	The calculation of the vulnerable area of a semi-cylindrical aircraft shelter when attacked with general-purpose bombs	1977
19780082572	Flight fidelity evaluation of the aerodynamic update of the F-14A operational flight trainer (device 2F95) (U)	1977
19780082581	Preparing and realizing the Apollo-Soyuz program	1977
19780082605	A phenomenological framework for reentry dispersion source modeling	1977
19780082607	OSC 4 sensitivity analysis: Reentry thermal and signature calculations (U)	1977
19780082635	Alternative communication-satellite configurations. Volume 1: Systems concepts and evaluation	1977
19780082637	The air defense interceptor missile system simulator technical effort	1977
19780082638	SEM quality assurance activity test report on modules, composite, NOC	1977
19780082640	SPARROW 3 AIM-7E logistics engineering improvement program	1977
19780082645	Preliminary experimental investigation of target handoff from a target acquisition system to an imaging missile seeker (U)	1977
19780082650	SIAM phase 2A controlled flight demonstration program (U)	1977
19780082652	User evaluation of improved Hawk Product Improvement Proposal (PIP) (U)	1977
19780082659	Results of a guidance concept analysis for a Medium Range Air-to-Air Missile (MRAAM) (U)	1977
19780082663	Missile performance analysis of an advanced long-range air-to-air missile (ALRAAM) (U)	1977
19780082665	RF active seeker design verification (U)	1977
19780082669	Single integrated development test 2 (DT 2) of the stinger weapon system (XFIM-92A) prototype qualification test-government (PQT-G). Volume 2, Appendix B: Test data (U)	1977
19780082671	Single integrated Development Test 2 (DT 2) of the Stinger Weapon system (XFIM-92A) Proto type Qualification Test: Government (PQT-G), volume 1 (U)	1977
19780082673	Single integrated Development Test 2 (DT 2) of the Stinger Weapon System (XFIM-92A) prototype qualification test: Government (PQT-G). Volume 3, appendix E. Stinger firing programs synopses (U)	1977
19780082679	Foreign air-to-surface missile vulnerability assessment (U)	1977
19780082682	Sorting and coverage for 12 hour Cosmos satellites (U)	1977
19780082683	Tomahawk cruise missile integrated system dynamics report. Terrain following simulation. Supplement (U)	1977
19780082688	SLBM defense interceptor configuration analysis, volume 1 (U)	1977
19780082692	Technical test report of the MEECN ERCS launch receive test (Giant Moon 8) (U)	1977
19780082697	DMSP thermal transient analysis (U)	1977
19780082700	Infrared simulation system open loop testing of improved AN/DAW-1 CHAPARRAL (GOLDEN 2) (U)	1977
19780082702	Test summary and evaluation report. SAC Glory Trip 130M-1, SAMTEC operation 6144. LGM-30F operational test phase 2 program (U)	1977
19780082707	Endoatmospheric sensor performance program. Technique definition report (U)	1977
19780082709	Operational evaluation of the F-14A/PHOENIX weapons system (U)	1977
19780082712	Space transportation system utilization program	1977
19780082713	A continuation of base-line studies for environmentally monitoring Space Transportation System at John F. Kennedy Space Center. Section 5, extract: Ichthyological studies	1977
19780082714	A continuation of base-line studies for environmentally monitoring Space Transportation Systems, STS at John F. Kennedy Space Center. Section 6, extract: Threatened and endangered species of the Kennedy Space Center	1977
19780082721	Preliminary gas dynamic analysis of rocket plumes with subsonic and supersonic external airflow	1977
19780082722	Characterization of carbon-carbons for ADP MX third-stage nozzle no. 1 and long-burn nozzle no. 1	1977
19780082723	Development of a radiation cooled cloth extendible exit cone (RCC/ECC) volume 1	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082724	Development of a radiation cooled cloth extendible exit cone (RCC/EEC), volume 2	1977
19780082725	Engines of the Salyut	1977
19780082727	Deleted record	1977
19780082728	Deleted record	1977
19780082731	Polymer-concrete mixture	1977
19780082732	The physics and chemistry of materials processing (selected articles)	1977
19780082735	Shock response of panel-molded carbon phenolic	1977
19780082736	Surface oxidation of carbon fibers studied by photoelectron spectroscopy	1977
19780082737	Failure criteria in graphite program	1977
19780082738	Development of an analytical model for carbon/carbon composite materials. Phase 2: Materials design	1977
19780082739	Advanced III-V compound materials study	1977
19780082740	Strain-energy release rate analysis of an adhesively bonded graphite composite/steel scarf joint	1977
19780082741	Gas pulse characteristics during detonation spray coating	1977
19780082747	FDNE process improvement	1977
19780082749	Development of a method of Gel Permeation Chromatography (GPC) for analyzing cellulose nitrates	1977
19780082750	Spectral investigation of the combustion of magnesium particles under low pressure	1977
19780082757	Quality and effectiveness of electroslog and vacuum-arc metal application	1977
19780082758	Change in properties and phase composition of 55 S2 steel undergoing high-temperature thermomechanical treatment with discontinuous cooling	1977
19780082759	Charge for production of refractory material	1977
19780082760	New technology for the production of bent shapes form steel of increased and high strength	1977
19780082761	New equipment for powder metallurgy	1977
19780082762	Method of preparing stamped aluminum billets	1977
19780082763	Tool Steel	1977
19780082765	Influence of metals on thermal oxidation stability of aircraft oil ester base stocks	1977
19780082766	Electroslog casting in industry of Kiev	1977
19780082767	Manufacture of parts for high-pressure vessels by means of electroslog remelting	1977
19780082768	Process development for protective coatings (U)	1977
19780082775	Method of covering ceramic materials, especially graphite, with protective coatings	1977
19780082776	Aluminum oxide ceramic material for ballistic protection in body armor and protective helmets	1977
19780082777	Metalloceramic material	1977
19780082778	Non-destructive testing of textile polymers	1977
19780082781	Plastics, selected articles	1977
19780082782	Plastics (selected articles)	1977
19780082783	Cutters made from ceramics	1977
19780082784	Reduction in thermal emission of textiles (U)	1977
19780082785	Development of low infrared and low reflecting coatings (U)	1977
19780082786	E-O materials studies (U)	1977
19780082789	Explosive powder based on nitrocellulose	1977
19780082790	High-energy fuels: Literature survey	1977
19780082791	Combustion instability in minimum smoke propellants. Part 1: Experimental techniques and results	1977
19780082792	Surveillance. Fleet-returned M49A1 initiators	1977
19780082795	Surveillance: fleet-returned M5A2 initiators	1977
19780082796	Liquid propellant gun technology exploratory development. Volume 5: Experimental interior ballistics (U)	1977
19780082797	Solid gun propellant (U)	1977
19780082798	Plume emission from high-energy propellants (U)	1977
19780082799	Treadway plates for rapid set-up of prefabricated roadways	1977
19780082801	Baseline reliability and maintainability estimates for a voyageur air cushion vehicle	1977
19780082806	Integrated range television system	1977
19780082807	Considerations regarding EMP testing of the E-3A system	1977
19780082808	Scientific research work at the Institutions of Higher Learning	1977
19780082809	Efficiency for one rank rule of signal detection	1977
19780082810	Propagation of millimeter and submillimeter waves	1977
19780082811	Electromagnetic testing of buried conduits: The development of Pulsed Loop Antenna Conduit Electromagnetic Radiator (PLACER)	1977
19780082812	A note on representing a transient waveform by a finite sum of complex exponentials	1977
19780082813	ECM/ECCM modeling for airborne radars, volume 1	1977
19780082814	Multipath data requirements for assessing the performance of ground-based radars	1977
19780082815	CCD modular camera program, phases 4 and 5	1977
19780082816	Broadband VHF dipole antennas. Evaluation of Chu Associates CA-1123 and CA-1124 30-76 MHz antennas (NSAP Project Q-1-76)	1977
19780082817	Navy communications	1977
19780082818	Subarray performance evaluation	1977
19780082819	Video data link device definition study	1977
19780082821	Initial production test of radar surveillance set AN/PPS-5B	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780082822	Deliberate aircraft antenna model development. Volume 1: Theoretical and experimental studies of HF, VHF, UHF and L-band antennas on the E-4 and EC-135 aircraft	1977
19780082823	Deliberate aircraft antenna model development. Volume 2: Theoretical studies of the VLF/LF antennas on the E-4 and EC-135 aircraft and their effects on the other antennas	1977
19780082824	Study of wavelength conversion concept	1977
19780082825	Octave bandwidth wide angle antenna study	1977
19780082826	Evaluation of the low cost Link-11 system	1977
19780082828	Prime item product fabrication specification for monitor and support display subsystem type C1b CI PF 30641, part 2	1977
19780082829	Prediction of VHF/FM antenna radiation patterns	1977
19780082830	Standoff target acquisition system (SOTAS) REFORGER-76	1977
19780082831	Submarine-Aircraft Optical Communications Systems (SAOCS) feasibility report. Volume 2: SAOCS: The concept and its implementation (U)	1977
19780082835	Operational evaluation of the AN/USQ-64 (V-1, V-3) SSIXS (Submarine satellite Information Exchange System) (U)	1977
19780082836	HAWK ultra-low sidelobe antenna. (U)	1977
19780082855	Evaluation of the performance of Standoff Target Acquisition System SOTAS during forger 76 (U)	1977
19780082857	Plans for spectral signature measurements with HOWLS experimental radar (U)	1977
19780082858	Performance benefits of radar systems aboard stable platforms (U)	1977
19780082864	Study to apply advances in semiconductor technology to signal processing (U)	1977
19780082868	Advanced SOTAS radar program (U)	1977
19780082869	Electromagnetic compatibility survey report for Tehran, Iran (U)	1977
19780082873	The wideband interference suppression ECCM system (U)	1977
19780082874	Mainlobe notcher (U)	1977
19780082878	IQT and E of the AN/MLQ-T2 modification (U)	1977
19780082882	Current airborne radar systems handbook. A baseline for the CSAF/RDP 1977 airborne radar technology roadmap (U)	1977
19780082885	Bistatic MTI surveillance radar analysis. (U)	1977
19780082886	Correlation system for position update: Analytical studies (U)	1977
19780082889	Assessment of radar communications technology (U)	1977
19780082896	Re-entry systems program (U)	1977
19780082898	ERCS payload performance report. ERCS operational test flight GM-8, FTM 2072. (U)	1977
19780082901	Projectile tracking systems for the 1980's (U)	1977
19780082915	GMTI analysis of FLAMR/FLAP monopulse data (U)	1977
19780082920	COBRA JUDY radar study (U)	1977
19780082928	Millimeter radar vulnerability experiment (U)	1977
19780082935	Small signal GaAS FET problems	1977
19780082936	MX-ACT 1 CMOS/SOS reliability and radiation tolerance studies	1977
19780082937	Initial production test of generator set, 60 KW 400 Hz	1977
19780082939	Advanced electron device technology	1977
19780082940	Fluid resistance testing of electrical wire used in aircraft and missiles, part 4	1977
19780082951	EC-130Q aircraft 40/50 KVA generator engineering evaluation	1977
19780082952	Advanced electronics and digital sensor technology	1977
19780082953	A-4M 20KVA Variable Speed Constant Frequency (VSCF) generator failure investigation	1977
19780082955	Research and development of instrumentation program flash X-ray triggering systems	1977
19780082956	Radiometric microstrip receiver	1977
19780082958	Development of a 0.9 micron wafer intensifier tube	1977
19780082959	Retrodirective array system	1977
19780082960	Radiation hardened voltage regulator, volume 1	1977
19780082961	New memory device structures, volume 3	1977
19780082962	High efficiency <i>i/j</i> -band traveling-wave tube depressed collector study	1977
19780082966	The hardness of military semiconductor devices to tactical levels of neutron irradiation	1977
19780082967	Millimeter wave integrated circuit modules for communication interconnect systems	1977
19780082968	Voltage regulator common power supply circuit	1977
19780082969	Considerations for the design and implementation of some high speed digital filters	1977
19780082970	Liquid metal current collector development, progress report on in-house investigations	1977
19780082973	SEM quality assurance activity test report on modules, composite, NOC	1977
19780082979	SEM quality assurance activity test report	1977
19780082981	SEM quality assurance activity test report on modules, driver and receiver	1977
19780082982	SEM quality assurance activity test report on modules, gate	1977
19780082993	Water as a dielectric in high-voltage pulsed devices	1977
19780083002	Designing the electrical circuits of metal-cutting machines on the computer	1977
19780083003	Monitor evaluation of battery overtemperature protection circuit	1977
19780083004	Millimeter wave sources	1977
19780083005	Memory for radar	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083006	Spacecraft static charge control materials	1977
19780083007	Annular line nanosecond generator	1977
19780083008	High-power broadband three-port waveguide junction circulator design approach using a random-search optimization routine (U)	1977
19780083009	18MM third-generation tube development. (U)	1977
19780083016	Compression of an IPN vapour/air bubble in a gas generator tank	1977
19780083017	A review of transpiration cooled reentry vehicle nosetips	1977
19780083019	Comparison of data using backward elimination multiple regression analysis	1977
19780083020	Development of a high pressure cap model for use in computation of ground shock from subsurface explosions	1977
19780083021	The effect of the shape of a nonplanar screen on the hydrodynamic characteristics of a wing moving above it	1977
19780083022	Numerical solution of the multidimensional tasks of gas dynamics, part 1	1977
19780083023	Numerical solution of the multidimensional tasks of gas dynamics, part 2	1977
19780083026	Software for on-line real-time use of the MRFS interferometer system	1977
19780083027	The determination of the direction of arrival of the components of a multimode field	1977
19780083029	Dynamic skew characteristics of the precision data model PI 5114 tape recorder and their effect on correlation measurements	1977
19780083030	Portable pressure-vacuum calibration system	1977
19780083032	Development and evaluation of a triaxial interface stress transducer	1977
19780083033	Position-sensitive pyroelectric radiation detector	1977
19780083034	Photogrammetric targeting system-service test model	1977
19780083035	Design and fabrication of hologram optical elements. (U)	1977
19780083036	Biostimulation by laser beam and bioplasma	1977
19780083037	High energy laser mirrors and windows	1977
19780083038	Electric discharge laser study in supersonic flow minimum boundary layer optimization	1977
19780083039	Fabrication of an advanced gas dynamic laser. Part 2: Appendixes	1977
19780083040	Determination of populations in the metastable levels of GD vapors by laser spectroscopy during vaporization of metal by laser beam	1977
19780083041	Development of AFML prediction capability for laser effects	1977
19780083042	Force development testing and experimentation (CEP) American 180 Rifle System and Laser LOK Sight	1977
19780083043	Laser-pumped dye effects	1977
19780083044	Copper vapor laser optimization	1977
19780083045	HAVE CABIN: A determination of the hosts and dopants of several unknown laser materials	1977
19780083048	DF laser technology studies, part 1 (U)	1977
19780083049	DF laser technology studies, part 2 (U)	1977
19780083050	Navy HPL program (U)	1977
19780083051	Development test 2 (engineering phase) of hand-held laser rangefinder AN/GVS-5() (U)	1977
19780083053	All cycle 4 upgrade conceptual design. Volume 2: SOQ data summary (U)	1977
19780083060	HELWS effectiveness evaluation study (U)	1977
19780083063	Harder than a diamond	1977
19780083064	The use of low-tungsten die steel for hot cutting blades	1977
19780083065	Investigation of the dynamic error of the positioning on machine tools with program control	1977
19780083066	A study of the metal-cutting process as an object of automatic control	1977
19780083067	Development of a fluidic fuel oil igniter	1977
19780083068	Technological reliability of metal-cutting machines with digital programmed control	1977
19780083069	Comparison test of pumping assembly 350 GPM, flammable, liquid	1977
19780083071	Reconditioning test of air conditioner, 6000 BTUH	1977
19780083072	Shear spin/form fabrication of titanium alloy pressure vessels	1977
19780083073	Die for hot deformation	1977
19780083074	The (54) die for hot deformation of metals	1977
19780083075	Machine construction technology	1977
19780083077	Current status and development trends in non-destructive material instruction equipment and systems in the Soviet Union	1977
19780083078	Control work quality daily	1977
19780083080	SEM quality assurance activity test report	1977
19780083081	SEM quality assurance activity test report	1977
19780083082	LVOV system of quality control	1977
19780083085	Fatigue crack growth in a residual stress field	1977
19780083088	An automated procedure for slope map construction. Volume 2: Listing and glossary for program SLOPEMAP	1977
19780083089	A cartographic data bank system	1977
19780083090	Selection of the optimum algorithm for transformation of rectangular coordinates to geodetic and vice-versa	1977
19780083091	Selecting the outline model for the computation of Chebyshev projections	1977
19780083094	Measurements of pulsation of the thermodynamic and electric parameters in an MHD generator	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083095	Selection of optimal parameters of atomic electric powerplant binary cycle with liquid-metal MHD generator	1977
19780083096	Materials evaluation for solar cell arrays (U)	1977
19780083097	The coefficient of turbulence as one of the factors of the meteorological potential of the contamination of the atmosphere	1977
19780083098	Evaluation of Horiba model OCMA-200 oil content analyzer	1977
19780083099	Migration of hazardous substances through soil Part 1: Electroplating, chlorine production, nickel-cadmium battery, water base paint, and pigment wastes	1977
19780083100	Transactions atmospheric diffusion and contamination of air, selected articles	1977
19780083107	On the theory of the tectonic deformation of the earth spheroid	1977
19780083108	Transformation and analysis of marine gravimetry data using coherent optical systems	1977
19780083109	View from three continents	1977
19780083110	Investigations on height and geoid determination in the Western Harz threedimensional test net	1977
19780083111	On the solution of the problem of adjusting measurements with singular covariance matrix	1977
19780083113	Nuclear cloud, barium cloud, and equatorial F region phenomena: What do they have in common (U)	1977
19780083116	Forecasting anomalous weather phenomena	1977
19780083117	Role of ice nuclei in the cloud crystallization process based on an elucidation of ice nuclei function structure	1977
19780083118	Relaying of oceanographic information from an automatic buoy station by means of the Cosmos-426 artificial earth satellite	1977
19780083119	Linear theories of internal wave generation by moving vehicles (U)	1977
19780083121	Comparative analysis of physicochemical bases of bioelectret and electret effects	1977
19780083123	Parathyroid hormone and calcitonin: Vitamin D	1977
19780083128	Spinal reflexes in man and levels of attention	1977
19780083129	Normal 24-hour rhythm of physiological functions in a working man	1977
19780083130	EEG low frequency cutoff under various conditions	1977
19780083132	Cerebral electrical correlates of simple perception acoustically evoked potential as reflection of psychic processes	1977
19780083133	Steady polarization potentials of the human brain during alertness, anaesthesia and sleep	1977
19780083134	An approach toward the Hypnic process: Analysis, time functions, functional value	1977
19780083135	Development of deafness due to serious acoustic traumas on board ship	1977
19780083136	Differential EEG modifications during visuomotor and cognitive performance	1977
19780083137	Mechanisms of the adaptation of man and animals to arid conditions	1977
19780083138	The effect of vigilance on the phase-coupling between heart beat and respiration	1977
19780083139	Cerebro-electrical correlates of simple perception	1977
19780083140	Blood pressure in motor activity	1977
19780083143	Study of the repetition-induced extinction of the EEG expression of the orientation reflex and of the action of the external inhibitor on the EEG reactions to different stimuli in man	1977
19780083144	The negative evoked potentials of the vertex: Their psychophysiological and pathological significance	1977
19780083145	The effects of monotonous, repetitive activities on subjective condition and on the critical fusion frequency	1977
19780083146	Strength ability of neural-muscular apparatus during development of fatigue	1977
19780083147	Daily cycle of respiration rate in man in experiments with inversion of the work-rest schedule	1977
19780083150	Study of factors affecting the variability of human visual evoked responses	1977
19780083151	Physiological correlates of informational performance	1977
19780083152	The effect of feed-back of reaction times on the reaction time itself. Expectancy wave (CNV) and heart rate: Specific and non-specific effects	1977
19780083153	The study of mental activity in terms of cortical evoked potentials	1977
19780083154	Psychophysiological correlates in decisions during an auditory vigilance test	1977
19780083155	Performance of the involuntary memory in relation to the voluntary memory and the level of attention	1977
19780083156	Biorhythm as a diagnostic test for norm and pathology	1977
19780083157	Study of the process of alertness: Psychophysiological approach to radar watch	1977
19780083160	Remotely controlled manipulator vehicle MF-3	1977
19780083161	Vigilance and performance in monitoring technical systems	1977
19780083162	Introduction to the study of a mathematical model of the pilot	1977
19780083163	Dynamics of galvanic skin reactions of air traffic controllers while performing intensive work at a control console	1977
19780083164	Physical capacity of females to perform heavy craft skills in the United States Air Force	1977
19780083165	Non-woven insulating inner sole for rubber footwear	1977
19780083166	Bi-component undershirt	1977
19780083169	Single seat attack-night simulation study. Phase 1, part 1: Target detection/classification (U)	1977
19780083170	Evaluation of single hose regulators (U)	1977
19780083171	The 25mm 0.9 micron water tube development (U)	1977
19780083172	BMDATC distributed data processing applications studies project	1977
19780083173	News of the order of Lenin Electrotechnical Institute IM. V. I. Ulyanov Lenin, selected articles	1977
19780083174	Trident On-line Aid in Debugging Compiler, TOADC, user's guide	1977
19780083175	Computer-aided-manufacturing survey	1977
19780083176	Computer technology in the service of the National Economy	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083177	Fluidic memory cell and fluidic digital memory unit with parallel function	1977
19780083183	Description of a generic terminal defense resource evaluation model, Part 2	1977
19780083184	Development and application of electronic computer technology in the GDR	1977
19780083185	The operational connection of the Minsk-32 and Elektronika-100 computers	1977
19780083186	Study of the capacity of a model of multi-channel storage with a priority analysis block	1977
19780083187	Data processing technology research	1977
19780083188	VP data base system: Input data analysis and sample reports. Appendix C (U)	1977
19780083191	GVS-100 hybrid computer system software. Digital part instruction system, issue 1	1977
19780083193	AN/TSQ-73 system computer software test and analysis support	1977
19780083194	ODE computer program (Software). Volume 2: Computer code listing (U)	1977
19780083196	Selected tables from The Fundamentals of Construction of Large Scale Information Computer Networks	1977
19780083197	Base line method of telecommunication access in a disk operating system of a unified system of computers	1977
19780083199	Investigation of a combined follow-up system	1977
19780083201	The multidimensional multiple contact correlation problem. Part 1: Presentation of a basic algorithm for primary application in the CV-TSC model 4.1	1977
19780083202	One sample discernment algorithm	1977
19780083203	A numerical example of the general law of error propagation	1977
19780083204	Optimum distribution of weights for functions of independent direct measurements and the principle of equal effects of the theory of errors	1977
19780083205	Some adjustment problems and their solutions using matrix eigenvalues	1977
19780083207	F-15A verification test and evaluation in Europe (U)	1977
19780083208	Strategic optical countermeasures, volume 2 (U)	1977
19780083211	Physics - in the national economy	1977
19780083216	Acoustic surface wave resonators and filters on ST quartz	1977
19780083217	Project JAGUAR acoustic measurements system description	1977
19780083224	Radiation effects in electro-optical components and systems	1977
19780083225	Bases of infrared technology, selected chapters	1977
19780083226	Method for the shaping of an electrostatic image	1977
19780083227	An evaluation of an image amplifier fluoroscopic system for inspection of 81mm mortar shell	1977
19780083228	Manufacturing methods and technology for 180-element detector/dewar assembly	1977
19780083229	Standardization of calibration method for measurements in the 2.0 to 2.5 micrometer infrared region	1977
19780083231	The influence of star color and an inversion of the atmospheric temperature profile on astronomic refraction for receivers of different spectral sensitivity	1977
19780083232	Development test 3 (DT 3) of hand-held thermal viewer AN/PAS-7	1977
19780083233	DOT signal processing analysis	1977
19780083234	Electro-optical (E/O) director tracker	1977
19780083235	Photoconductive HgCdTe infrared detector-thermoelectric cooler module	1977
19780083236	Optical resonators with tilted spherical mirrors	1977
19780083239	FLIR Augmented Cobra TOW Sight (FACTS) (U)	1977
19780083244	Manufacturing methods and technology program for universal detector/Dewar modules, volume 1 (U)	1977
19780083245	Operational feasibility test of tank infrared elbow (TIRE) (U)	1977
19780083246	Advanced sensor concepts performance comparison report. (U)	1977
19780083248	Pyrophoric infrared flare (U)	1977
19780083249	Optical discrimination Evaluation (ODE). Volume 5. Laser discrimination measurements (U)	1977
19780083252	Aircraft signatures in the 1.2 to 5.5 micron region. Volume 5: Aircraft data packs for C5A, E4A, B52G, B52H, and A7D (U)	1977
19780083256	Strategic optical countermeasures, volume 1 (U)	1977
19780083257	MOD HiCAMP (U)	1977
19780083261	Optical Discrimination Evaluation, ODE. Volume 1: Technical summary (U)	1977
19780083262	Optical Discrimination Evaluation, ODE. Volume, appendix: Passive IR measurements (U)	1977
19780083263	Optical Discrimination Evaluation, ODE. Volume 3: Passive IR measurements (U)	1977
19780083264	Optical Discrimination Evaluation, ODE. Volume 2: Passive IR discrimination analysis (U)	1977
19780083265	Optical Discrimination Evaluation, ODE, Volume6: Alternate discrimination concepts (U)	1977
19780083269	Manufacturing methods for MNOS memory array	1977
19780083272	Development of a wafer diode incorporating a CCD array for operation in the EB mode	1977
19780083273	Investigation of trimetal material growth	1977
19780083274	NASA obligations to educational institutions	1977
19780083277	NASA Interactive Planning System (NIPS). Specification document	1977
19780083278	NASA Interactive Planning System (NIPS) User guide	1977
19780083279	NASA Interactive Planning System (NIPS). Utility routines software documentation	1977
19780083282	Improving the methods of planning and coordination of scientific research in industries	1977
19780083283	AEDC fiscal year 1976 research and technology program synopsis	1977
19780083284	From the Academy of Sciences of the Union of Soviet Socialist Republics	1977
19780083287	The future of the information society	1977
19780083288	Estel-1 teleprocessing system	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083289	Technical publication summaries, April - June 1977 (U)	1977
19780083291	Possibilities for improving the materials economy through saving and recycling of packaging materials	1977
19780083292	Second year report on observations on a methodology developed to improve assessments of technology transfer in the USSR (U)	1977
19780083311	Study of atmospheric absorption of solar radiation, based on surface and satellite data	1977
19780083312	A pilot and navigator manual, part 1	1977
19780083313	A pilot and navigator manual, part 2	1977
19780083324	Aerodynamic loads and separation trajectories for several stores in the flow field of a 1/20-scale F-16 aircraft model and static stability characteristics of the F-16 aircraft model at Mach numbers from 0.6 to 1.3	1977
19780083325	Numerical integration of the governing equations for the domain of pure supersonic flows	1977
19780083326	Strebo ammunition aeromechanics, wind tunnel measurements for MIFF and MUS ammunition for determining the resistance coefficients C sub W	1977
19780083327	Theoretical and experimental study of the motion of gas in a hypersonic boundary layer with tangential injection, chapter 5	1977
19780083328	Results of emergency personnel parachute improved opening aids design and feasibility test program	1977
19780083329	Inspection of crew and flight safety	1977
19780083330	Evaluation of the Mk 5 mod 2 and Mk 6 inflatable lifeboats, phase 1 report	1977
19780083331	LORAN-D prototype tethered antenna impedance and radiation measurements	1977
19780083332	High temperature test report for the AN/TRN-41 tacan navigational set	1977
19780083333	Wind test report for the AN/TRN-41 TACAN navigational set	1977
19780083334	Salt fog test report for the AN/TRN-41 tacan navigational set	1977
19780083335	Sunshine test report for the AN/TRN-41 tacan navigational set	1977
19780083336	Pulse Doppler Map Match sensor (PDMM). Volume 9: PDMM/CIRES interface data	1977
19780083337	The RACG INS (Radiometric Area Correlator Guidance Inertial Navigation Subsystem) developmental flight test, volume 1	1977
19780083338	The RACG INS (Radiometric Area Correlator Guidance Inertial Navigation Subsystem) developmental flight test, volume 2	1977
19780083339	Features of the use of digital computers in inertial systems for measuring vertical shifts and speeds	1977
19780083340	Deleted record	1977
19780083341	Spin-tunnel investigation of a 1/30-scale model of the McDonnell Douglas F-15 airplane	1977
19780083349	Separation characteristics of the CTU-1/A dispenser when released from the F-111E aircraft at mach numbers from 0.40 to 0.68	1977
19780083353	Operational test and evaluation, C-141 pitch trim indicator redesign	1977
19780083354	Evaluation of position errors in the E-2C airplane for aims certification	1977
19780083355	Sight evaluation program (comparative gunsight)	1977
19780083356	F-4E austere HUD/gunsight. Phase B	1977
19780083358	Qualification evaluation of the EMP Electronics, Incorporated, P/N PS-362, 750 VA, three phase static inverter	1977
19780083359	Flight spectra development for fighter aircraft	1977
19780083361	Contractor's structural demonstration of the model TA-7C airplane	1977
19780083362	Marquardt ruggedized A-4 ram air turbine	1977
19780083363	The F-15 reevaluation in the climatic laboratory	1977
19780083364	Theory and practice of designing passenger airplanes, collection of articles, part 1	1977
19780083365	The E-3A Airborne Warning And Control System (AWACS). Follow-on Operational Test and Evaluation (FOT and E), phase 1, change 3. Annex 1: Revised	1977
19780083366	Logistic service test, Gull GTF-2 liquid quantity test set	1977
19780083367	V/STOL A avionics acquisition strategy	1977
19780083368	Avionics intermediate shop evaluation, annex H, appendix 6	1977
19780083371	Aerodynamic configuration drivers for advanced airbreathing concepts	1977
19780083373	Atlas of nonstationary aerodynamic characteristics of blade cascades, selected pages	1977
19780083377	Evaluation of the A-7 AFCS modified pre-engage synchronization	1977
19780083379	An analog simulation study of the lateral-directional stability of four configurations of the general purpose tow target	1977
19780083381	An aerial gunnery aerodynamic lead pursuit model	1977
19780083383	The reduction of dynamic interference by sound-absorbing walls in the RAE 3-ft wind tunnel	1977
19780083385	Aviation and Cosmonautics, selected pages	1977
19780083389	System safety analysis of the MK 26 guided missile launching system in CGN-38 class	1977
19780083391	FBMWS piece parts inspection and testing program	1977
19780083392	Statistical analysis of spectral data from a missile model	1977
19780083393	Proceedings of the 2d Annual Free Flight Rocket Workshop, volume 1	1977
19780083394	Effect of age on the performance characteristics of M37 spin rocket	1977
19780083395	Structural test firings of Guided Missile Launching System (GMLS) MK 13 on board the Japanese Navy JDF TACHIKAZE (DDG-168)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083396	Preliminary weapon test analysis report for ASMD LTV-2 fired 1 November 1977 at White Sands mission range	1977
19780083398	Radar surveillance satellite	1977
19780083415	Operational test and evaluation of the PENGUIN MK 2 missile system. (U)	1977
19780083421	Bolt extrusion thrust termination: An advanced alternative to forward port thrust termination	1977
19780083422	Use of three-dimensional carbon/carbon for rocket nozzle applications	1977
19780083423	Improved performance nozzle materials for the Navy Launch Vehicle Materials (LVM) program	1977
19780083424	A review of advanced materials for MX booster nozzles	1977
19780083427	Strip laminate rocket motor cases	1977
19780083430	Verification of contamination predictions for monopropellant thrusters	1977
19780083432	Effects of crossflow on solid propellant combustion: Interior ballistic design implications	1977
19780083433	Is combustion instability really a mystery?	1977
19780083434	Review of nitramine propellant combustion studies	1977
19780083437	A design procedure for gaseous hydrogen fuel injectors for supersonic combustion ramjet (scramjet) engines	1977
19780083438	Development of a small, low cost turbojet engine	1977
19780083440	Design Criteria Manual for Long-Life Monopropellant Engines	1977
19780083441	On the possibility of similitudes in high-speed range and rocket nozzle tests and the concept of ablation age	1977
19780083442	Advanced booster control study. Analysis of the effects of rotation on the thrust and torque developed by propulsive nozzles. Volume 1: Theoretical development	1977
19780083443	Advanced booster control study. Analysis of the effects of rotation on the thrust and torque developed by propulsive nozzles. Volume 2: Computer program manual	1977
19780083444	Improved jet tab thrust vector control for the BGM-34C booster	1977
19780083447	Advanced Composites Design Guide. Volume 4: Materials. Third edition, third revision	1977
19780083449	Rigilor carbon fibers with a high modulus of elasticity	1977
19780083450	Use of high-velocity pulsed streams of gas for spray-coating	1977
19780083451	Material Requirements Definition (MRD) program. Volume 1: Advanced graphite nosetip requirements and rayon staple heatshield performance	1977
19780083453	On the bulk viscosity of relativistic matter	1977
19780083455	Production of Hydrogen in Petroleum Refining Industry	1977
19780083456	Chelates of cobalt (2) with amino alcohols	1977
19780083457	Bridge heterochelates of cobalt with diaminoisopropanol and diethanolamine	1977
19780083458	Combustion in a flow (collection of articles)	1977
19780083462	Application of computer-aided design and manufacturing to precision isothermal forging of titanium alloys. Volume 1: Systems design and applications	1977
19780083463	Application of computer-aided design and manufacturing to precision isothermal forging of titanium alloys. Volume 2: Users manual	1977
19780083465	Manufacturing methods assessment and utilization	1977
19780083466	Heat-resistant titanium alloys, part 1	1977
19780083468	Feasibility of utilizing the liquid-metal infiltration process for the fabrication of bulk aluminum-graphite composite materials	1977
19780083469	The structure and properties of bimetallic materials	1977
19780083470	Electrohydraulic processing of metals	1977
19780083471	Qualification test under military specification mil-I-6082D of Mobil Research and Development Corporation XRM255E grade 1100 aircraft engine oil	1977
19780083472	Qualification test under military specification mil-I-6082d of Shell Development Company proposed oil EL-60206 grade 1100 aircraft engine oil	1977
19780083473	Metal-ceramic bonding	1977
19780083476	Potentiometric determination of acid numbers in aircraft turbine oils	1977
19780083477	Structure of the transition layer in polymer mixtures	1977
19780083478	Polymer concrete mixture	1977
19780083479	Light snow of polymer	1977
19780083480	Prospects in the development of the industry of fiberglass and glass fiber reinforced plastics in the tenth five-year plan	1977
19780083483	Investigation of velocity coupled combustion instability	1977
19780083484	Investigation of velocity coupled combustion stability. Task 3: Results of space shuttle propellant investigation	1977
19780083485	Fluorocarbon propellant and liner aging study	1977
19780083486	Product improvement test of CMR-170 propellant for cartridge, 5.56-MM, tracer, m196	1977
19780083487	Solid fuels for ramjets: Self-pyrolyzing solid fuels	1977
19780083489	An analysis of seal loads and their effect on the performance of a surface effect ship in calm water	1977
19780083490	New means of monitoring geometrical parameters of parts	1977
19780083492	Sharing criteria in the 40611-410 MHz band between the radio astronomy service and the mobile satellite and land mobile services: Calculation of interference range	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083493	DATANET 700 RNP type RCP707 error analysis and recovery guide	1977
19780083494	Remote Network Processor (RNP) site verification test package for the Datanet 700 type RCP707	1977
19780083495	Interference immunity of the reception of fading signals in communication channels in the presence of concentrated interference	1977
19780083496	Special evaluation of the Bendix MTD at Bedford, Virginia	1977
19780083497	Multiband radar transmitter study	1977
19780083498	SA-X expendable antenna study	1977
19780083499	CCD radar processor development	1977
19780083500	Time-domain analysis of the wire antennas on the EC-135 aircraft. Volume 1: Transient response of the two fixed-wire antennas on the EC-135 aircraft	1977
19780083501	Time-domain analysis of the wire antennas on the EC-135 aircraft. Volume 2: Transient response of the AS-1985/ARC-96 trailing-wire antenna on the EC-135 aircraft	1977
19780083502	Time-domain analysis of the wire antennas on the EC-135 aircraft. Volume 3: Transient response of the two fixed-wire antennas on the EC-135 aircraft in the presence of the AS-1985/ARC-96 trailing-wire antenna	1977
19780083503	ULF communication	1977
19780083504	Tri-service operational test (OT-3) of satellite terminal AN/FSC-78	1977
19780083505	Cobra Dane wideband radar data processing	1977
19780083507	ECCM antenna development	1977
19780083508	Detailed test plan for operational testing-2A (OT-2A) of the radar set AN/TPS-59	1977
19780083510	Losses when detecting fluctuating signals in noise of unknown power by a digital detector	1977
19780083511	Radiation of a charged particle with intersection of the spherical interface of media	1977
19780083513	Analytic derivation and evaluation of a state-trajectory control law for dc-to-dc converters	1977
19780083517	Evaluation of commercial low insertion force connectors	1977
19780083519	Design of the computation and processing unit for the survivable metal-oxide-semiconductor array computer. Volume 3: Non-proprietary information	1977
19780083524	Matrix cathode development, phase 2	1977
19780083526	High power microwave switch	1977
19780083527	Research program for a 3000 HP Segmented Magnet (SEGMAG) motor and generator	1977
19780083528	Low cost hardened array program	1977
19780083538	Development of a 0.9 micron wafer intensifier tube	1977
19780083539	Advanced packaging techniques, part 1	1977
19780083540	Advanced packaging techniques, part 2, task 2	1977
19780083541	Advanced packaging techniques: Task 3	1977
19780083542	Hybrid microcircuit in-process qualification	1977
19780083547	Hardened filter capacitor	1977
19780083548	Enhancement mode GaAs JFET medium-scale integrated circuit technology	1977
19780083549	IBCFA attenuator for improved stability	1977
19780083550	Transmission of pulses through a circuit including a rectangular hysteresis loop ferrite	1977
19780083552	SEM quality assurance activity test report on modules, multiplexer	1977
19780083555	SEM quality assurance activity test report, on modules, multiplex	1977
19780083556	SEM quality assurance activity test report, on modules, gate	1977
19780083559	Selected articles on cables	1977
19780083566	Development and evaluation of type n and type EIA connectors for use with nonproprietary 1/2 and 7/8 inch semirigid coaxial cables	1977
19780083567	Evaluation of low insertion force connectors for standard electronic modules	1977
19780083571	Millimeter-wave (60 GHz) solid-state amplifier	1977
19780083575	Evaluation of the time prism filter, a unique, broadband, microwave frequency dispersive, time delay device	1977
19780083576	Millimeter-wave indium phosphide gunn device	1977
19780083577	Unit for displaying graphic and alphanumeric information on a cathode ray tube screen	1977
19780083579	The separation of finley dispersed materials from liquids by filtration and sedimentation	1977
19780083580	Resonance: Liquid relationships in a projectile	1977
19780083581	Trajectories and parachute loads of ALWT models during water entry	1977
19780083582	Unstationary axisymmetrical motion of a gas during the release of energy on its surface: Numerical solution	1977
19780083584	Thermal amplification of the selective action of light on cellulose materials containing ferric chloride	1977
19780083585	The use of holographic methods in cinematography	1977
19780083586	Television and holography	1977
19780083587	A holographic system of recording discrete information	1977
19780083589	Hydroxyl radical chemical laser	1977
19780083590	Evaluation of the TCATA Laser Weapon simulator, 13-16 September 1977	1977
19780083592	Supersonic flow electron beam injection laser	1977
19780083593	Streamlining and verification of LAMP-2 computer program	1977
19780083594	Multiple wavelength laser semiactive guidance technology (U)	1977
19780083597	Stamp for hot forging of billets	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083598	Die for stamp used in hot stamping of toothed and similar articles	1977
19780083600	Manufacturing technology for advanced diffusion bonding	1977
19780083601	Inauguration of 65000 ton press	1977
19780083602	Joining of materials in the solid state (Soviet-American Scientific and Technical Cooperation, electrometallurgy working group)	1977
19780083604	Die for the dynamic hot forming of powder billets	1977
19780083605	Method of selecting effective cutting fluids for drilling	1977
19780083607	Workmanship standards: Solder sleeves	1977
19780083609	SEM quality assurance activity	1977
19780083611	Army corrosion control program	1977
19780083613	Note on a finite element stiffness formulation in shell theory	1977
19780083621	Analytic study of the MHD generator channel of 1200-MW electric power station in nominal and part-load regimes	1977
19780083623	Electrons help steam	1977
19780083625	Forecasting the formation of high levels of air pollution	1977
19780083626	Hygienic characteristics of complex pollution of the air with toxic substances and benz(a)pyrene at gas-cracking plants	1977
19780083627	Air under conservation	1977
19780083628	Automatic monitoring of air pollution: An important trend in the protection of the atmosphere	1977
19780083629	Time model of the lowest atmospheric layers pollution in towns and areas of industrial complexes	1977
19780083646	New index of magnetic activity in polar caps PCL	1977
19780083647	Device for determining the dispersed composition of aerosols	1977
19780083648	The effective K-value foundation, calculation, application	1977
19780083649	To expand the use of computer technology in topographical-geodesic and cartographic production	1977
19780083652	On theory and practice of verification of weather forecasts	1977
19780083673	Electrographic study of the cortical excitability cycle	1977
19780083674	Manual of medical questions relating to protection from radiation	1977
19780083675	Experimental investigations on sustained attention and cerebral vigilance with monotonous activities	1977
19780083676	Undergraduate Pilot Training, Instrument Flight Simulator (UPT-IFS) Follow-on Operational Test and Evaluation (FOT and E). Annex G: Motion/no-motion study	1977
19780083677	Confidence and demandingness	1977
19780083679	Report of the study group on USAF female aircrew requirement for life support equipment and protective clothing	1977
19780083681	Advanced data processing hardware concepts for midcourse D3 and C3. DP hardware concept synthesis and analysis for midcourse BMD	1977
19780083682	Computer program development specification for E-3A data base initialization	1977
19780083683	The joining of the ADP Akkord-1200 with the computer Minsk-32	1977
19780083684	EASY: The design and implementation of an intermediate language machine	1977
19780083685	Distributed data processing technology. Volume 1: Management summary	1977
19780083686	Computer technology in the service of the national economy	1977
19780083687	Indicator device for the system of recognition of verbal commands on the base of the computer YeS-1020	1977
19780083688	Stores interface data collection and analysis. Phase 2: System operation description	1977
19780083689	ESDM 31: A complete digital data acquisition system	1977
19780083690	Accident situation in computer operation and its solution	1977
19780083691	Structures of analog-digital and digital-analog converters for hybrid machines of new generations	1977
19780083692	Problem of the standard evaluations of the solution of problems on computer	1977
19780083694	WWCCS Patch Apply and Verify System (PAVS), users manual	1977
19780083695	A simple module language	1977
19780083696	Coder of control information in an automatic teaching system	1977
19780083698	Evaluation of the effect of the laws of the time allocation of reduction for the indices of the reliability of two-processor computing system	1977
19780083699	Production and development of control computer complexes	1977
19780083700	Control systems and machines, selected articles	1977
19780083701	Computer technology and problems of cybernetics, selected articles	1977
19780083707	Some methodical problems of the method of least squares	1977
19780083708	Proceedings of the AFWL/AFOSR Workshop on the Numerical Solution of Stiff Systems of Ordinary Differential equations	1977
19780083711	The relationship between the spatial and temporal coherence of acoustic fields	1977
19780083712	Ultrasound in military science	1977
19780083713	The contribution of communication signals to noise exposure	1977
19780083717	Convergent perturbation analysis of intense coherent multiphoton interactions	1977
19780083719	Manufacturing methods and technology program for Universal Detector/Dewar modules, volume 3	1977
19780083720	Initial production test (DT III) of night vision goggles, AN/PVS-sa	1977
19780083721	Product verification test of surveying instrument, azimuth, gyro, lightweight	1977
19780083722	Wideband fiber optic data links	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083723	Near IR absorption and scattering effects	1977
19780083724	Projectile tracking analysis for an IR system	1977
19780083725	Variable acuity remote viewing systems performance study	1977
19780083726	IIR tracker European test and evaluation	1977
19780083730	Rotational-vibrational excitation of H2 by electron impact using a frame transformation	1977
19780083734	Ion implantation of wide bandgap semiconductors	1977
19780083735	Photostimulated change in the optical properties of certain chalcogenide vitreous semiconductors	1977
19780083739	NASA Interactive Planning System (NIPS) Program Management Report PMR documentation	1977
19780083740	A proposed methodology for the estimation of jet engine costs in the early phases of the weapon system acquisition process	1977
19780083742	Information provision of investigations and developments, selected pages	1977
19780083743	Coordination of the information activity in a branch	1977
19780083773	Synthetic spectra of C2 in comets	1977
19780083800	Aviation and cosmonautics, (selected articles)	1977
19780083801	An extension to the method of Garabedian and Korn for the calculation of transonic flow past an aerofoil to include the effects of a boundary layer and wake	1977
19780083802	Strake-induced separation at moderately swept leading edges	1977
19780083803	The estimation of lateral-directional aerodynamic derivatives at subsonic speeds	1977
19780083804	Coordinate systems suitable for calculating flows past wings and wing-body configurations	1977
19780083807	Aviation journal (selected articles)	1977
19780083808	Instrument Stavropolets	1977
19780083810	A reliable guarantee for the safety of flights	1977
19780083811	Development of an advanced pattern matching technique. Volume 2: Technical description (U)	1977
19780083812	Development of an advanced pattern matching technique. Volume 1: Program summary (U)	1977
19780083824	SH-3G flight envelope tests of Naval Underwater Systems Center torpedo-recovery systems	1977
19780083825	Recertification test of F-4 wing fuel tanks	1977
19780083827	Transonic aircraft technology: Flight-derived lift and drag characteristics, volume 1	1977
19780083828	Transonic aircraft technology: Flight-derived lift and drag characteristics, volume 2	1977
19780083829	Theory and practice of designing passenger airplanes, collection of articles, part 2	1977
19780083830	Improved MAD flight test plan	1977
19780083831	Aircraft-construction technology for the air fleet (selected articles)	1977
19780083832	A simplified method in flight test techniques for the determination of the range performance of jet aircraft	1977
19780083833	Model ah-iT contractor's structural demonstration	1977
19780083835	OT and E of F-111A/E auto bomb loft/LADD (U)	1977
19780083836	Title is classified	1977
19780083838	Attack Helicopter Instrumented Test phase 1 (AHIT-1), independent evaluation report. Volume 1: Executive summary (U)	1977
19780083840	FOT and E of EMU-110/B fuze (U)	1977
19780083841	Fot and F of the BLU-63A/B incendiary (U)	1977
19780083844	Miniature kill vehicle BMD technology program. Volume 3: Technical development plan (U)	1977
19780083847	EC-135 EMP assessment program, attitude-director indicating system, EMP threshold analysis (U)	1977
19780083848	Tactical Expendable Drone System (TEDS) (U)	1977
19780083851	Sailwing vehicle development summary (U)	1977
19780083853	Evaluation of the F-14A/Phoenix weapons system (U)	1977
19780083854	Miniature kill vehicle BMD technology program. Volume 2, book 2: Supporting technical data (U)	1977
19780083855	Miniature kill vehicle BMD technology program. Volume 2, book 1: Supporting technical data (U)	1977
19780083856	Miniature kill vehicle BMD technology program. Volume 1: Summary report (U)	1977
19780083860	Centrifugal purification of the working fluids of aviation hydraulic systems, part 1	1977
19780083861	Centrifugal purification of the working fluids of aviation hydraulic systems, part 2	1977
19780083862	Reliability of the aircraft engines and power plants	1977
19780083863	High temperature combustor for advanced engines	1977
19780083864	Deposit formation in oil circulating systems of aircraft engines	1977
19780083865	Systems of programs for calculating the performance of jet engines by computer, chapters 1 and 2	1977
19780083866	Performance evaluation of the F107-WR-100 advanced development engine (300 series configuration) (U)	1977
19780083869	Control at supersonic speeds	1977
19780083870	Atmospheric turbulence loads on aircraft	1977
19780083871	Adequacy of simulating dynamics of motion of aircraft with human operator characteristics considered	1977
19780083872	Window bomb development for studies of radiation effects on propellant combustion (U)	1977
19780083879	Heavenly profession	1977
19780083902	First Ariane rocket under construction	1977
19780083920	Multi-environment Active RF Seeker (MARFS), phase 2 (U)	1977
19780083924	TECOM evaluation for development test 2 of the Product Improvement Proposals (PIP) for the improved HAWK (ICWAR, TAS) (U)	1977
19780083925	A report of parameter measurements on the AGM-78D1 seeker, performed at General Dynamics/Pomona (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083926	An algorithm for the induced drag of the improved Hawk missile (U)	1977
19780083931	TACEX 1-77 (U)	1977
19780083935	F-15A/brazo aircraft integration study (U)	1977
19780083936	DSP vulnerability assessment program plan (U)	1977
19780083939	Guidance design and flight performance for the DME/SSM demonstration program (U)	1977
19780083941	SLBM boost phase interceptor technology (U)	1977
19780083946	DMSP filter demonstration (U)	1977
19780083951	DoD SHF SatCom system interoperability. Phase 1: An architectural approach (U)	1977
19780083954	Global positioning system mobile missile tracking platform feasibility study, volume 1	1977
19780083955	The 2.75-inch rocket vehicle assessment: A telemetry system for in-flight measurements	1977
19780083956	Manned utility space craft auxiliary	1977
19780083969	Hardened heat shield influence on transition and roll, volume 2 (U)	1977
19780083973	Bases of the design of ballistic solid fuel rockets, part 1	1977
19780083974	Bases of the design of ballistic solid fuel rockets	1977
19780083975	Theoretical and experimental studies of the flow around the integrated blast pipe of a powder propulsion unit	1977
19780083976	The 5 pound thrust non-catalytic electrothermal hydrazine thruster	1977
19780083978	Hot gas vortex value test program, volume 1 (U)	1977
19780083979	Hot gas vortex value test program. Volume 2: Executive summary (U)	1977
19780083981	Damage tolerance in advanced composite materials	1977
19780083985	Advanced Composites Design Guide. Volume 3: Manufacturing, third edition	1977
19780083986	Epoxy powder qualification program	1977
19780083987	Chemical interaction in composite materials based on magnesium and alloy ML-8 reinforced by boron fibers	1977
19780083988	The interaction of phenol-formaldehyde binders with carbon fibers	1977
19780083989	Some properties of high-modulus epoxy phenol carboplast	1977
19780083990	Hyperballistic track dust erosion of four carbon-composite materials (U)	1977
19780083991	Ignition boundary limits for adiabatic compression of an IPN vapour/air mixture from ambient conditions	1977
19780083994	Discharge flow determination of the rate constant of the third-order combination of ClO with NO ₂	1977
19780083995	Fatigue life investigations of a sintered aluminium alloy Al-Ai-4C-3	1977
19780083996	Fatigue evaluations with aluminium alloy 7075-T7351	1977
19780084000	The (54) method of isothermal tempering of thin-walled products	1977
19780084001	Method for hot isothermic pressing of metals	1977
19780084002	Application of Computer-Aided Design (CAD) and Computer-Aided Manufacturing (CAM) to precision isothermal forging of titanium alloys. Volume 3: Programmer's manual	1977
19780084003	Corrosion inhibition in sewage incinerators	1977
19780084004	Method of hot isothermal extrusion of metals	1977
19780084006	Reduction of residual stresses in plastic articles	1977
19780084007	Special features of the adhesion of vacuum-deposited oxide layers to glass and pyroceram after the processing of their surface in a glow discharge	1977
19780084008	Attempts at protection of fritted vitreous objects of silica by deposit of pyrolytic silicon nitride	1977
19780084009	Estimate of technological properties of graphite plastic ATM-2	1977
19780084015	The cure characteristics of some epoxy resin compositions based on tetra-N-glycidyl-di(aminophenyl)methane and diaminodiphenylsulphone	1977
19780084016	Uniaxial stress relaxation of three composite propellants	1977
19780084017	A simple technique for the assessment of the relative stability of liquid monopropellants	1977
19780084018	A new technique for the measurement of the velocity of detonation of explosives and a review of current methods	1977
19780084020	Acceptance test of propellant M9, F/M36A1 Chg, 4.2 inch mortar (substitution of component test	1977
19780084021	Calculation of the process of the burnout of polyfraction dust of high-ash fuel	1977
19780084023	Explosives, selected articles	1977
19780084024	FEFO cost savings studies	1977
19780084025	Factors affecting the ignition temperature of dust-air mixtures	1977
19780084026	Today, a superoxidizer. Tomorrow, a superfuel	1977
19780084027	Advanced perforated canned flare (U)	1977
19780084028	Combustion instability in minimum smoke propellants. Part 2, appendix B. Minimum smoke propellant compositions (U)	1977
19780084030	Elastic flare compositions containing titanium	1977
19780084032	Journal of Naval Science, volume 3, no. 4	1977
19780084033	Presenting in-service reliability information to management use of the Duane method	1977
19780084034	The pulse jet 1906 - 1966	1977
19780084035	Nylon powder coatings for corrosion prevention and wear resistance	1977
19780084036	Helium refrigeration unit	1977
19780084039	Development test 2 of the digital message device (DMD) for the tactical fire direction system (TACFIRE)	1977
19780084040	Discrimination of random signals	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084041	Coherent radar I. D. study. Volume 3: Appendices	1977
19780084042	EMP response of the commercial power subsystem at the safeguard PAR site	1977
19780084043	High resolution, high brightness color television projector: Technology survey, component investigations, LCLU operation	1977
19780084044	Monopulse angle tracking system using a phase-modulated signal compressed at an intermediate frequency	1977
19780084045	DOT signal processing analyses	1977
19780084046	Collision avoidance radars for surface effect ships	1977
19780084047	On the optimum nature of a system of cross-period subtraction with normalization	1977
19780084048	Antennae collection of articles	1977
19780084049	A sampling array for HF direction-finding research	1977
19780084050	Development and evaluation of stationary target indication techniques (U)	1977
19780084053	Technical exhibit for SEEK SKYHOOK, phase 2 (U)	1977
19780084054	Pulse Doppler Map Match sensor. (PDMM). Volume 8: Flight test sensor design data (U)	1977
19780084055	Maxi-decoy phase three (U)	1977
19780084058	Active array design: (EARS) Electronically Agile Radar System (U)	1977
19780084059	An abbreviated special evaluation of the Siemens MPDR 30/1 low-level reporting system (U)	1977
19780084061	Dual-band radar beacon engineering support (U)	1977
19780084064	Radar target cross-section enhancement by space-time processing (U)	1977
19780084065	The performance of AFSATCOM 1 narrowband in scintillated environments (U)	1977
19780084068	Performance predictability of the USAF survivable low-frequency communications system (SLFCS) in a nuclear environment (U)	1977
19780084069	Analysis of adaptive HF operations using HF Swept Spectrum communication (HFSSC) (U)	1977
19780084070	Radar cross sections of the YUH-60A helicopter in L, S, C, and X bands (U)	1977
19780084074	Pulse Doppler Map Match sensor (PDMM). Volume 3: Error model and sensitivity analyses (U)	1977
19780084076	Pulse Doppler Map Match sensor (PDMM). Volume 1: Executive summary (U)	1977
19780084078	Pulse Doppler Map Match sensor (PDMM). Volume 5: Correlation analyses (U)	1977
19780084079	Pulse Doppler Map Match sensor (PDMM). Volume 6: Flight test sensor test plan (U)	1977
19780084080	Pulse Doppler Map Match sensor (PDMM). Volume 7: Flight test sensor hardware description (U)	1977
19780084081	Stand-off TV countermeasures (U)	1977
19780084084	Six-degree-of-freedom trajectory estimation using multisensor radar measurements (U)	1977
19780084086	Coherent radar I. D. study. Volume 1: Technical summary (U)	1977
19780084089	Discrimination concept evaluation (U)	1977
19780084090	COBRA DANE initial operational test and evaluation (U)	1977
19780084096	Design and fabrication of hardened CMOS computation and processing unit circuits	1977
19780084103	Electrical charging of aerosol particles with use of a corona discharge	1977
19780084110	Qualification test plan for MIM-72 connectors 1023-4489 and 1023-4490	1977
19780084114	Low cost pulsed traveling wave tube	1977
19780084115	Microwave test methods for phase shifter parts	1977
19780084116	On the numerical calculation of induced voltages on surfaces neighboring lighting conductors	1977
19780084117	Investigation of the quasi-static displacement of magnetic bubble domains in a system of elements with permalloy control coating	1977
19780084118	Atomizer with inductive electrode	1977
19780084119	Electromechanics in space	1977
19780084120	Equivalent circuits for lightning conductors	1977
19780084121	Calculating dependences of flux linkage on current of long-range pot-type electromagnets	1977
19780084122	MOS analytic models with provisions for radiation effects, part 1 of 4	1977
19780084123	MOS analytic models with provisions for radiation effects, part 2 of 4	1977
19780084124	MOS analytic models with provisions for radiation effects, part 3 of 4	1977
19780084125	MOS analytic models with provisions for radiation effects, part 4	1977
19780084126	Cathode driven CFA (U)	1977
19780084129	Evacuating containers with a boiling fluid	1977
19780084130	Aeromechanics and gas dynamics, part 1	1977
19780084131	Aeromechanics and gas dynamics, part 2	1977
19780084133	The application of colored patterns in holographic Schlieren photography and interferometry	1977
19780084134	Temperature controlled quartz crystal microbalance system	1977
19780084135	Using colored pictures in holographic schlieren photography and interferometry	1977
19780084136	International Symposium on Applied holography	1977
19780084139	A laser interferometer for small-angle measurement	1977
19780084140	Further discharge studies in the pulsed supersonic CO laser	1977
19780084141	Carbon monoxide laser development	1977
19780084150	LRCL demonstrator program plan (U)	1977
19780084154	Laser-guided hard-structure munition feasibility study (U)	1977
19780084155	Wavefront control of a high-energy laser: Experiments with the wavefront analyzer (U)	1977
19780084156	Analysis of laser designation errors (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084158	Large pointing system development program (U)	1977
19780084159	Infrared/laser ranger detection system (U)	1977
19780084161	Drop tests of packaged liquid test vehicle hardware	1977
19780084162	Drill	1977
19780084163	Die for the dynamic hot forming of metallic powders	1977
19780084164	Cold start aids for vehicle diesel engines	1977
19780084165	Advanced diesel technology: Variable Area Turbocharger (VAT), Turbocompounding (TC), Universal Fuel Injection System (UFIS)	1977
19780084166	Bearing evaluation for F-4 leading edge slate system	1977
19780084167	Squeal of water-lubricated elastomeric bearings: An explanatory laboratory examination	1977
19780084168	Control systems and machines (selected articles)	1977
19780084169	Ballistic response of titanium armor 6 aluminum - 4 vanadium ELI (U)	1977
19780084171	The influence of the largest and smallest loads in an aircraft spectrum on the fatigue endurance of a bolted joint	1977
19780084172	The axial loading fatigue properties of 25 and 80mm thick high and low strength X166 plate (DTD 5120)	1977
19780084175	The use of vibration/impedance measurements to predict blast-induced structural vibrations	1977
19780084176	A triangular finite element for the analysis of membrane and inextensional bending behaviours in circular cylindrical shells	1977
19780084207	Investigation of the influence of salinity, temperature and surface contaminations on the optical properties of liquid water in the infrared spectral region	1977
19780084214	Automated processing of geographic information in image data forms	1977
19780084215	Measurements of optical wavefront amplitude and phase distortions in vertical path propagation (U)	1977
19780084217	Acoustic properties of subsonic MHD channel	1977
19780084218	Lithium sulfur dioxide battery test	1977
19780084219	Forecast of electrical characteristics and calculation of nickel-cadmium storage batteries	1977
19780084222	Some results obtained from studying temperature inversions for estimating pollution potential of air over the European territory of the USSR	1977
19780084223	Industrial and sanitary purification of gases, selected articles	1977
19780084224	Device for removing dust from gases	1977
19780084225	Air pollution in fog	1977
19780084226	Preliminary analysis of crew/stack '76 data (U)	1977
19780084232	Have host Cylindrical In Situ Test (CIST) data analysis and material model report	1977
19780084239	Human engineering evaluation of the Koch Pulsating Seat Cushion	1977
19780084240	ALFIE: A flexible on-line interface system for the Ferranti Argus 500L digital computer	1977
19780084241	Air Force microprocessor technology applications	1977
19780084242	The contribution of computer technology to the raising of productivity, efficiency, and quality of production through automation	1977
19780084243	Complexing the mini-computer M-6000 with the unified computer system	1977
19780084244	Computer resources in technology and communication systems, selected articles	1977
19780084245	The data bank system of a dynamic automated information system	1977
19780084246	CMOS hybrid microcomputer development program, phase 2 (U)	1977
19780084249	An algorithm to compute tests for error diagnosis in binary circuit systems	1977
19780084250	Study of interference immunity of transmission of digital information by codes in a residual class system	1977
19780084251	Program realization of system Sinbad	1977
19780084252	System for the solution of data processing problems on computer	1977
19780084253	OS/ES assembler procedures for minimum paper consumption	1977
19780084254	Honeywell-developed algorithms and software for FMT, correlation, centroid, and hybrid tracking approaches, appendix (U)	1977
19780084255	Determining the functional efficiency of computer networks	1977
19780084256	System of documentation for single system of computers, part 1	1977
19780084257	System of documentation for single system of computers, part 2	1977
19780084258	Control systems and machines (selected articles)	1977
19780084259	Control systems and machines, selected articles	1977
19780084260	Control systems and machines, selected articles	1977
19780084261	Mock-up of character reader on the basis of TSVM (digital computer) Saratov	1977
19780084264	An investigation of the operational aspects of two-segment and low drag noise abatement approach procedures at London (Heathrow) Airport using a BAC 1-11	1977
19780084265	Aircraft noise research and some associated mathematical problems	1977
19780084272	Laboratory tests of the optical angular motion sensor	1977
19780084273	Infrared detection equipment	1977
19780084274	Device for measuring the optical characteristics for aerosols	1977
19780084281	Feasibility study of active IR sensor as a terminal trajectory correction device (U)	1977
19780084283	Spectral Imaging Sensor (SIS) task 2 report. Concept identification (U)	1977
19780084285	Visual decoy concepts (U)	1977
19780084288	Critical Optics Technology (COT) (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084289	Infrared seasurface imagery using a low-resolution conical scanner (U)	1977
19780084295	Use of powerful electron beams for the investigation of superdense cooperative excitations in solids	1977
19780084296	The nature of the acoustic effect of fast particles in metals	1977
19780084297	NASA-ASEE engineering systems design faculty fellowship program for 1977	1977
19780084298	NASA-ASEE summer faculty systems engineering program	1977
19780084299	ASEE-NASA summer faculty fellowship program	1977
19780084300	ASEE-Case-NASA Lewis summer faculty fellowships preliminary report on 1977 program	1977
19780084301	NASA-ASEE summer faculty research institute	1977
19780084302	Engineering systems design program	1977
19780084303	ASEE-NASA summer research Institute 1977	1977
19780084308	Organization of contact between the user and computer in the information retrieval system of automated systems for the technological preparation of production	1977
19780084309	R and D abstracts. Volume 36, number 4, 15 August 1977	1977
19780084312	On the structure of the interplanetary magnetic field	1977
19780084319	Organization-level rocket checklist for fault isolation of A-6E: Avionics equipment	1977
19780084320	Photon correlation velocimetry in aerodynamics	1977
19780084321	Aerodynamic interactions of stores and airframes	1977
19780084327	Problems and technical voids in emergency crew escape	1977
19780084328	Load planning model study	1977
19780084331	Flux valve heading reference system	1977
19780084338	Pressure measurements from airborne laser laboratory open port flight tests	1977
19780084342	Experimental study of aircraft structural response to blast. Volume 1: Analysis and correlation	1977
19780084343	Tyndall air combat maneuvering instrumentation system accuracy test	1977
19780084347	Source location by shielding with application to a large turbofan engine	1977
19780084350	Flight operations of helicopter gas turbine engines, part 1	1977
19780084351	Flight operations of helicopter gas turbine engines, part 2	1977
19780084380	ACEVAL-AIMVAL test plan. Volume 10: Missile simulation/validation report (U)	1977
19780084381	Common Aperture Multispectrum Seeker (CAMS). Phase 2, volume 1: Summary (U)	1977
19780084382	Common Aperture Multispectrum Seeker (CAMS). Phase 2, volume 2: System description (U)	1977
19780084383	Common Aperture Multispectrum Seeker (CAMS). Phase 2, volume 3: Operator handbook (U)	1977
19780084389	Evaluation of the F-14A/Phoenix weapons system (U)	1977
19780084395	Operational evaluation of the F-14A/Phoenix weapons system (U)	1977
19780084399	HITECH study. Volume 2: Technical construct (U)	1977
19780084405	HITECH study. Volume 1: Missile defense (U)	1977
19780084423	Engineering analysis of selected advanced propulsion concepts-4. Volume 1: Secondary smoke analysis	1977
19780084424	Engineering analysis of selected advanced propulsion concepts-4. Volume 2: Propulsion systems performance analysis	1977
19780084432	Material requirements definition (MRD) program. Volume 2: Fine-weave carbon-carbon nosetip requirements	1977
19780084433	Preparation, properties, and use of carbon fibrous adsorbents	1977
19780084438	Low temperature photochemical deposition of silicon nitride passivation layers	1977
19780084445	Advanced isothermal forging, lubrication, and tooling process	1977
19780084450	Density changes in KEVLAR from 240 to 370 K	1977
19780084451	Dielectric relaxation in methylmethacrylate copolymers with sulfolan methacrylates	1977
19780084457	Energetic cool-burnig TAGN propellant	1977
19780084459	The burning rate mechanism of ammonium perchlorate based CMDB propellants	1977
19780084460	Behavior of aluminum in solid rocket motors, volume 1	1977
19780084461	Behavior of aluminum in solid rocket motors, volume 2	1977
19780084469	JTIDS test and evaluation support	1977
19780084470	Modern shipboard communications	1977
19780084471	The diversity reception of orthogonal signals for the case of an unknown white noise power	1977
19780084472	Artillery launched television	1977
19780084474	Modification of the poly-frequency radar device for data gathering and analysis of radar show information of military objects (U)	1977
19780084475	Polyfrequency radar technical interim report for image quality and stability investigation (U)	1977
19780084476	EC-135 EMP assessment program, multiplexer set, AN/ACC-3 emp threshold analysis, part 1 (U)	1977
19780084477	EC-135 EMP assessment program, multiplexer set, AN/ACC-3, EMP threshold analysis, part 2 (U)	1977
19780084478	EC-135 EMP assessment program, Air Force satellite communications system, type 3 communications terminal, AN/ASC-21 threshold analysis, part 8 (U)	1977
19780084479	EC-135 emp assessment program UHF command radio AN/ARC-34 EMP threshold analysis (U)	1977
19780084480	EC-135 EMP assessment program, radar beacon system, AN/APN-69, EMP threshold analysis (U)	1977
19780084481	EC-135 EMP assessment program, Air Force satellite communications system, type 3 communications terminal, AN/ASC-21 threshold analysis, part 9 (U)	1977
19780084482	EC-135 EMP assessment program, Air Force satellite communications system, type 3 communication terminal, AN/ASC-21 threshold analysis, part 1 (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084483	EC-135 EMP assessment program, Air Force satellite communications system, type 3 communications terminal, AN/ASC-21 threshold analysis, part 2 (U)	1977
19780084484	EC-135 EMP assessment program, Air Force satellite communications system, type 3 communications terminal, AN/ASC-21 threshold analysis, part 3 (U)	1977
19780084485	EC-135 EMP assessment program, Air Force satellite communications system, type 3 communications terminal, AN/ASC-21 threshold analysis, part 4 (U)	1977
19780084486	EC-135 EMP assessment program, Air Force satellite communications system, type 3 communications terminal, AN/ASC-21 threshold analysis, part 6 (U)	1977
19780084487	EC-135 EMP assessment program, Air Force satellite communications system, type 3 communications terminal, AN/ASC-21 threshold analysis, part 7 (U)	1977
19780084488	Advanced synthetic array radar techniques (U)	1977
19780084490	Bistatic MTI surveillance radar analysis (U)	1977
19780084496	Movable Faraday cup, illuminator and backscattering diode detectors for SEM	1977
19780084511	SEM quality assurance activity test on modules, driver and receiver	1977
19780084512	Wide-Band oscillator for spectroscopy in the submillimeter range	1977
19780084513	Relay, armature	1977
19780084520	Diode-switching	1977
19780084525	UDR responses	1977
19780084538	Packaging of a large capacity magnetic bubble domain spacecraft recorder	1977
19780084539	Evaluation of the proposed test of the An/PAD-1 laser target designator, Fort Carson, Colorado, October 1977	1977
19780084542	Solid reactant fluorine generators for HEL: Feasibility study of NF4BF4 synthesis and formulation	1977
19780084554	Gas-dynamic bearings	1977
19780084576	SEM quality assurance activity test on modules, counter	1977
19780084578	Fatigue endurance of structural elements in various materials under constant and variable amplitude loadings	1977
19780084597	Digital filtering of correlated data from line scanners	1977
19780084599	Absorption of solar energy and its conversion to chemical energy by higher plants and algae	1977
19780084601	On the adjustment of linear geodetic nets without reduction to the referents-ellipsoid	1977
19780084602	On the gravitational tetrapole of the Earth	1977
19780084603	Automation of precision measurements in engineering geodesy	1977
19780084614	Research report on the design of a comparison and equivalence scale for thermal environments	1977
19780084615	Central nervous system and peripheral activation variables in vigilance performance	1977
19780084616	Psychophysiological reactions of supersonic aircraft pilots in flight	1977
19780084617	Study of neurophysiological mechanisms of attention. 4: Effect of proprioceptive excitations upon potentials evoked by intermittent luminous stimuli	1977
19780084619	Methodology problems posed by the psychophysiological study of the efficiency levels in control tasks	1977
19780084623	Devices for relaying information to digital computers and a digital printer	1977
19780084624	Controller designs for the microprocessor/bubble memory interface	1977
19780084625	Emulation Aid System (easy) system programmer's guide	1977
19780084627	Certain problems in the development of modern physics	1977
19780084628	Tolerance thresholds with respect to acoustic effects	1977
19780084632	Infrared absorption in ThO2-doped Y2O3	1977
19780084633	Manufacturing methods and technology 180 element detection/Dewar assembly. Section 1: Narrative and data (U)	1977
19780084635	Visual detection for optical countermeasures (U)	1977
19780084637	Investigation of plasma inhomogeneities between coaxial electrodes in a magnetic field	1977
19780084638	Magnetism: Production of intense magnetic fields by implosion of unsplit copper tubes	1977
19780084640	Relationships between residual defects and excess noise in ion-implanted MOSFET's	1977
19780084641	The 1977 ASEE/NASA summer faculty fellowship program conducted at MSFC by UAH	1977
19780084642	ASEE-NASA summer faculty 1977 engineering systems design program	1977
19780084643	NASA-ASEE Old Dominion University/Langley Research program	1977
19780084648	Acronyms, abbreviations, and initialisms	1977
19780084649	Technology Application Center	1977
19780084650	Scientific and technical council of the ministry of construction materials	1977
19780084656	On the influence of air-layer inclination in astrogeodetic positioning	1977
19780084666	Flight deck control: Work station design	1977
19780084671	Shells in a flow of a liquid and a gas, part 1	1977
19780084672	Shells in a flow of a liquid and a gas, part 2	1977
19780084674	The 6.2 theoretical bases for the aerodynamic program section	1977
19780084675	Aerodynamic characteristics of plate with distributed suction	1977
19780084676	And again dirigibles in the sky	1977
19780084679	Combat rescue mission analysis (CRMA) simulation model. Phase 2: Model user's manual	1977
19780084681	A method for estimating target acceleration and its in a missile guidance law	1977
19780084685	In-flight transfer alignment of inertial navigation systems	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084687	Developmental investigation of the autonetics, model BLDG-P4, laser gyro	1977
19780084688	Experimental study of aircraft structural response to blast. Volume 2: Experimental data	1977
19780084689	Statistical presentation of landing parameters for models EA-6B, KA-6D, A-6E, A-7E, E-2C, F-4J, F-14A and S-3A aircraft aboard the USS America (CVA-66) operating off the east coast of the United States, survey 35	1977
19780084691	YAV-8B flight and ground loads design criteria report	1977
19780084692	Analysis of the approach, flare, and landing characteristics of the X-24B research aircraft	1977
19780084697	The XM230 30 mm automatic weapon Data Acquisition Test (DAT), volume 1	1977
19780084698	The XM230 30 mm automatic weapon Data Acquisition Test (DAT), volume 2	1977
19780084699	WR-2 final drive for the MI-2 helicopter	1977
19780084700	Development of a methodology to predict the ground footprint of V/STOL aircraft. Volume 1: Theoretical and empirical development of prediction techniques	1977
19780084710	Development of an aiming accuracy algorithm	1977
19780084711	F-14A aircraft aerial refueling from Peace Station 2(KC-707) aircraft evaluation	1977
19780084712	Flight evaluation of a prototype stall warning system for the TF30-P-412A engine in the F-14A airplane	1977
19780084716	T76-G-420/421 turboprop engine steady state and starting environmental qualification tests	1977
19780084719	Evaluation of ECP 79C59R close clearance coated compressor rotor in J79-GE-10B low smoke engines installed in Leading Edge Slats (LES) equipped F-4J airplane	1977
19780084720	Computer program reliability prediction for combustors and turbines. Volume 2: User's manual	1977
19780084723	Model J79-GE-100 smoke reduction/improved life engine flight evaluation. Amendment J: J79-GE-10B airstart evaluation utilizing fleet assist F-4J airplane	1977
19780084725	What made the aircraft spin	1977
19780084729	Contemporary achievements of cosmonautics, collection of articles	1977
19780084730	Space investigations made in the USSR in 1976	1977
19780084731	Space: Far and near	1977
19780084732	Erosion mechanisms program. Volume 6: Incremental forces from boundary layer transition during reentry	1977
19780084733	Erosion mechanisms program. Volume 11: Phenomenology of high altitude dispersion	1977
19780084738	Crotale: For defense of vulnerable points	1977
19780084739	GHz Seeker captive flight test program	1977
19780084741	Preliminary weapon test analysis report for ASMD LTV-1 fired 15 September, 1977 at White Sands Missile Range	1977
19780084742	Guidance systems of guided missiles	1977
19780084744	Transport space systems	1977
19780084745	AIM-4F/G telemetry data analysis	1977
19780084746	Test and evaluation, simple telemetry system for AIM-4F/G missiles (SEEK TELL)	1977
19780084747	Graphite performance prediction program. Volume 1: Development and feasibility demonstration of stagnation testing for characterizing graphitic material kinetic response	1977
19780084748	Graphite performance prediction program. Volume 2: Applicability of reentry technology to rocket nozzle design	1977
19780084749	Degradation of the SMAWT/LAWT motor case/propellant grain interface by corrosion	1977
19780084750	Advanced booster control study analysis and calculation of jet damping torques in movable nozzles	1977
19780084751	Verification rocket firings for development model attitude heading reference system, volume 1	1977
19780084753	High pressure motors and test stand. Super HIPPO and ELSH. Volume 3: Engineering analysis	1977
19780084754	High pressure motors and test stand. Super HIPPO and ELSH. Volume 2. Operations manual	1977
19780084758	Carbonization process in compounds based on carbon fibers and furane binders	1977
19780084759	Adsorption properties of carbon fiber materials	1977
19780084760	Composite materials based on carbon fibers	1977
19780084761	Selections from refractory compounds	1977
19780084763	Carbon-carbon materials and instrumentation technology program	1977
19780084764	Structural fabrication guide for advanced composites	1977
19780084765	Density changes in boron/aluminum composites from 240 to 370 K	1977
19780084766	Fabrication of double-core conical sandwich shell with fiberglass/phenolic laminate facings	1977
19780084767	Effect of catalyzers on the combustion rate and thermal decomposition of nitrocellulose	1977
19780084768	Brightness temperatures of aluminum-silicon alloy flames	1977
19780084769	Pyrophoric nature of very finely divided metallic powders	1977
19780084770	Combustion mechanism of hydrazon nitrate and effect of alkali metal addition	1977
19780084771	Flammability of metals in a compact mold	1977
19780084772	Study of the effect of the conditions of the vapor phase synthesis of the highly dispersed silicon dioxide for its structural characteristics	1977
19780084774	Some features of the structure and properties of coatings produced by detonation spraying	1977
19780084777	Thermomechanical processing	1977
19780084778	Refining by electroslag remelting of nitrogen-hardened composite alloy steel	1977
19780084779	Economic evaluation of the effectiveness industrial assimilation of production technology of structural steels in vacuum arc furnaces with rectangular and square crystallizers	1977
19780084780	Metals fracture toughness evaluation by failure surfaces plastic deformation	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084781	Production development for flouride-coated aluminum powder	1977
19780084782	Production of new types of thermally strengthened reinforcement steel	1977
19780084784	Proceedings of the Net Shape Metalworking Program Review	1977
19780084787	Method of production of a porous material: A slag-base foamed sitall	1977
19780084788	Polyphenylquinoxalines with improved thermal stability	1977
19780084789	Room temperature curing polymers	1977
19780084790	Hydrolytic stability of polyurethane circuit board coatings	1977
19780084791	Physical and mechanical properties of cork and microporous polyurethane	1977
19780084792	Investigation and evaluation of MOCA-free polyurethane potting and molding materials	1977
19780084793	Kinetics and mechanism of thermal oxidation of polybenzoxazoles	1977
19780084794	Fiberglass on a base of polyimides	1977
19780084795	Thermomechanical characteristics of polyester fiberglass	1977
19780084796	Polymer composites	1977
19780084797	Test of microbial corrosion of plastics by inoculation	1977
19780084798	Determination of corrosion of plastics by microbial interaction	1977
19780084799	HASPA materials improvement program. 1: Abrasion properties of Kevlar	1977
19780084800	HASPA material improvement program. 3: Effect of temperature and moisture on Kevlar 29 abrasion	1977
19780084801	Determination of solvents for thermally stable polymers	1977
19780084802	Heat stability of organic high-thermal polymers	1977
19780084803	Siloxane-modified polycarbonate intermediates and monomers	1977
19780084804	Erosive burning studies of composite solid propellants by the reacting turbulent boundary-layer approach	1977
19780084805	In-situ aging gages for solid propellants-A feasibility study	1977
19780084806	Elementary boron as a propellant component in ducted rockets: A thermodynamic study	1977
19780084808	Pyrotechnic materials in critical supply	1977
19780084809	Cryogenic enclosure for a coolable interferometer	1977
19780084811	A 250 tons upon a cushion of air: The Naviplane 500 will become operational in the English Channel this summer	1977
19780084812	Performance estimates for the quick look II air-to-ground data link, AN/ARC-164	1977
19780084814	Infrared countermeasures analysis OV-ID/RV-1 aircraft model	1977
19780084815	New experimental methods of studying millimeter and submillimeter radiowaves	1977
19780084816	Device for the generation of electromagnetic oscillations in the centimeter millimeter and submillimeter ranges	1977
19780084817	Resonator for the submillimeter and millimeter ranges	1977
19780084818	Modulator for the submillimeter wave band	1977
19780084821	Standard electronic module radar, AN/APS-129, flight test	1977
19780084822	Information processing techniques program. Volume 1: Packet speech/acoustic convolvers	1977
19780084824	Response of discrete Doppler filter to pulse packet	1977
19780084827	Statistics and detection of a non-Rayleigh laser radar target	1977
19780084828	Contrast performance comparisons of silicon vidicon and silicon intensified target television systems when viewing targets in a field environment	1977
19780084829	Optimum calculation of logarithmic quadrupoles that assure a fixed phase shift over a broad range of frequencies	1977
19780084832	Design, test and performance of a UHF floating slender-slot antenna	1977
19780084836	Inspection report on capacitors, fixed, glass, porcelain/vitreous, non-metallic case, MIL-EST, REL	1977
19780084838	SEM quality assurance activity test report on modules, capacitor-resistor	1977
19780084839	SEM quality assurance activity test report on modules, driver and receiver	1977
19780084840	SEM quality assurance activity test on modules, driver and receiver	1977
19780084841	Training support development on transceivers, receivers and transmitters, radar, ground or shipboard	1977
19780084843	Evaluation of Resista-D metal film resistors type MK-12	1977
19780084844	V-band IMPATT amplifier	1977
19780084848	Improving the reliability of microcircuits in plastic housings	1977
19780084849	Submillimeter range heterodyne frequency meter	1977
19780084850	Multilayer dielectric waveguide	1977
19780084851	Microelectronics and semiconductor instruments (selected articles)	1977
19780084852	Microelectric and semiconductor devices and their technology	1977
19780084855	Reliability laboratory analysis report on semiconductor, transistor, switch, NPN bipolar, silicon, can	1977
19780084856	Reliability laboratory analysis report on semiconductor, transistor, switch, NPN, bipolar, silicon, can	1977
19780084857	Low-temperature electrical studies on metal oxide varistors: A clue to conduction mechanisms	1977
19780084864	Gallium arsenide high-temperature electronic devices	1977
19780084865	Qualification of resistors purchased to MIL-R-39007	1977
19780084866	SEM quality assurance activity test report on modules, driver and receiver	1977
19780084867	SEM quality assurance activity test report on modules, analog, NOC	1977
19780084868	Composite metal ceramic helix	1977
19780084869	Application of fault-tolerant techniques and differential logic to radiationhardened circuit and system design	1977
19780084870	Instruments and control systems, selected articles	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084871	Lightning protection system for glass fibre reinforced components	1977
19780084872	Evaluation of Microchannel Plates (MCPS) fabricated with new types of glass	1977
19780084874	Determination of induced voltages in the vicinity of lightning conductors and dimensioning rules derived therefrom	1977
19780084877	A procedure for the laying out of connections of large monolithic integrated circuits	1977
19780084879	Some problems of physical-chemical kinetics in the gas dynamics of reacting media	1977
19780084880	Experiments on the wakes of multiple nozzle cusps	1977
19780084881	Interaction of rarefied gases with streamlined surfaces, selected portions	1977
19780084882	Method of calculating heat transfer with film cooling of nozzles	1977
19780084884	Digital automatic radiorefractometer	1977
19780084885	Applications of holography to in-situ roughness measure in plasma arc, volume 1	1977
19780084886	The use of holography in engineering	1977
19780084887	The speed of response of a gyro-optical compass	1977
19780084888	Holographic recording system and reading of discrete information	1977
19780084889	Optical quantum gyroscope	1977
19780084890	The coherent properties of reflecting holograms	1977
19780084892	Theory of cyclotron resonance in the maser	1977
19780084893	Investigation of space discharge in CO2 mixture induced by ultraviolet radiation	1977
19780084894	Theory of a solid state cyclotron resonance maser	1977
19780084895	Laser Digest: Summer 1977	1977
19780084897	Supersonic continuous wave carbon monoxide laser development. Volume 2. Turbulent boundary layer over the cathode of a high current discharge: Numerical calculation and experimental results	1977
19780084898	Supersonic continuous wave carbon monoxide laser development. Volume 3: Cooled electron gun window development	1977
19780084899	Supersonic continuous wave carbon monoxide laser development. Volume 4: Supersonic channel alcove and double shock aerodynamic window development	1977
19780084900	Transition and turbulence in gas-dynamic-laser nozzle wakes	1977
19780084902	Energy characteristics of nitrogen laser	1977
19780084908	Use of cutting tools of el'bor-R in machine construction	1977
19780084909	Development of cast carcass tires for military aircraft	1977
19780084910	Starting, speed control and pneumatic safety devices of a gas turbine	1977
19780084912	Review on the book "Equipment for Pressure Welding"	1977
19780084913	Estimates of residual mass and velocity for tungsten and steel fragments	1977
19780084914	Self-lubricating composite bearing materials	1977
19780084916	FMI tests of Lamb/Lear Vacuum Pump/Motor Assembly	1977
19780084917	Using the infrared measuring technique for reliability testing of printed circuit boards	1977
19780084918	Estimating the effectiveness and quality of work	1977
19780084957	Use of chemical materials for reinforcing mine excavations and rocks	1977
19780084959	Tensile tests of prototype fine strand cable	1977
19780084960	Minimum weight design of cylindrical shell with multiple stiffener sizes under buckling constraint	1977
19780084961	Attack-resistant walls: Explosive tests	1977
19780084962	Position accuracy for large-scale maps achieved to date with 'photocart' technology	1977
19780084963	NT point marking device	1977
19780084964	Camel caravans and satellites map the shape of the earth	1977
19780084968	Evaluation to define the limits of interaction between charge voltage, temperage and battery conditions which cause thermal runaway	1977
19780084969	Heliostat	1977
19780084970	Thermodynamic conversion of solar energy: THEM project	1977
19780084972	MHD-generator probes the earth	1977
19780084973	Automated data analysis application of statistical estimation of geological material model parameters	1977
19780084974	On polar wandering due to continental drift	1977
19780084975	Problems of laser sounding of the atmosphere, selected articles	1977
19780084976	Chemical composition of atmospheric aerosols of troposphere	1977
19780084977	Ionization, aerology, electrometry, selected articles	1977
19780084978	Proceedings of the Hydrometeorological Scientific Research Center of the USSR, selected articles	1977
19780084979	Transactions from the Hydrometeorological Scientific-Research Center, selected articles	1977
19780084980	Onstation update of oceanographic information with programs for the HP-67 calculator	1977
19780084981	Sinus arrhythmia as measure of mental stress	1977
19780084982	Changes in the 24-hour rhythm after two transatlantic flights in rapid sequence	1977
19780084983	Perceptive hypoacousia in Air Force technicians due to F104 G jet noise	1977
19780084984	Studies of blood circulation of motor vehicle drivers under various driving conditions	1977
19780084985	Correlation between heart rate and quantity of information	1977
19780084986	Variation of heart rate in different types of visual attention situations	1977
19780084987	Comparison of various techniques of measurement and evaluation in determining the extent of hearing loss	1977
19780084988	Experimental hearing fatigue and recovery under quiet and noisy conditions	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084989	Synergistic effects of acoustic stimulation and of a stressful situation on overall demonstrable behavior	1977
19780084992	Undergraduate Pilot Training: Instrument Flight Simulator (UPT-IFS) T-38/ T-51 IFS. Operational tests and evaluation	1977
19780084993	Effects of automobile driving in urban areas on some psychophysiological variables	1977
19780084994	Analysis of alternative methods for support for Naval Tactical Data System (NTDS) operator training	1977
19780084995	Reactions of individuals in terms of observation and vigilance performance	1977
19780084996	Level of vigilance and type of respiratory activity in the awake human	1977
19780084997	Study of neurophysiological mechanisms of attention	1977
19780084998	Relationship between voluntary memorization and certain psychophysiological indices	1977
19780084999	Work clothes and work shoes for workers of the chemical, petroleum refining and petrochemical industries. Chapter 5: Means of protecting the hands and head	1977
19780085000	Selection of fabric weavers for rubber shoe lining	1977
19780085001	Initial operational test and evaluation (IOT and E). Gradient density visor lens	1977
19780085002	Requirements and stress in industrial control activities under analogy experimental conditions	1977
19780085003	The need for calculating heat insulation of different parts of the human body when manufacturing thermal insulated clothing	1977
19780085004	Human performance at the assembly line in terms of physiological functions	1977
19780085005	An earphone head pressure meter	1977
19780085006	Use of the temporary auditory threshold shift for the evaluation of ear protector efficiency with respect to a specific type of industrial noise	1977
19780085007	Man in the control system of aircraft	1977
19780085008	Human factors test and evaluation of the E-3A airborne warning and control system, volume 3, appendix J	1977
19780085009	Principles of construction of large computing and information networks	1977
19780085010	Mathematical aspects of the GVS-100 hybrid computer system-autocode-issue 4	1977
19780085011	DOT ADC analysis	1977
19780085012	Distributed data processing (DDP) technology program, volume 1	1977
19780085013	Distributed data processing (DDP) technology program. Volume 2: Research appendices	1977
19780085014	Techniques for high speed A/D conversion	1977
19780085015	Magnetic bubble mass memory	1977
19780085016	Nonvolatile semiconductor random access memory	1977
19780085017	Digital devices for control of moving objects	1977
19780085018	Estimating noise resistance of automatic control system with digital phase autocorrelator	1977
19780085019	Peripheral equipment for small computers	1977
19780085020	Functional expansions in the DOS/ES 1.6 (GDR)	1977
19780085021	A simple terminal for an automated instruction system	1977
19780085022	Hardware ASU-Pribor 2	1977
19780085023	Equipment for mechanizing and automating computer operations	1977
19780085024	The virtual memory	1977
19780085025	Data compression methodologies user guide	1977
19780085026	Preliminary FORTRAN implementation of passive tracking algorithms for the PLAE program: KANDE K3/K4 and RAPFIX	1977
19780085027	Emulators and emulating machines	1977
19780085028	Adaptive method of the switching of programs of a control machine of an assembly of a communication network switching	1977
19780085029	FASTGEN 2 target description computer program	1977
19780085030	Automation of grid models for hybrid computing systems	1977
19780085031	The National Automatic Control System	1977
19780085032	The status of work on the creation of automated control systems at mining enterprises	1977
19780085033	Theory of automatic devices, selected articles	1977
19780085035	Effects of sound on man: Results of ergonomic noise research	1977
19780085036	Surface acoustic wave convolver module development	1977
19780085039	Particle beam diagnostics by resonant scattering	1977
19780085040	Nuclear interaction at high energies, selected articles	1977
19780085041	Development test 3 (DT 3) (PVT-G) of night vision sights, individual served weapons, AN/PVS-4, and crew served weapons, AN/TVS-5	1977
19780085042	Quick Strike Reconnaissance/Reconnaissance Reporting Facility (QSR/RRF) rapid exploitation orientation	1977
19780085044	Aloft flight test report	1977
19780085045	Millimeter and submillimeter band hollow dielectric beam guide	1977
19780085046	Discovery of light magnetization of ferromagnets implemented in devices	1977
19780085047	Propagation of optical waves in the atmosphere, selected articles	1977
19780085048	Infrared countermeasures analysis AAH helicopter model	1977
19780085050	Investigation of a high-efficiency MHD generator with non-equilibrium conductivity	1977
19780085051	Investigation of certain factors which limit the efficiency of MHD generators	1977
19780085052	Ferroelectrics, semiconductors	1977
19780085053	Structural and electrical investigation of the silicon-silicon dioxide interface in thermally oxidized silicon	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085056	Is it possible to store information on magnetic tapes for a prolonged period	1977
19780085057	Keyword test and evaluation	1977
19780085063	Advanced terrain following/terrain avoidance (TF/TA) techniques. Evaluation of terrain following system performance for unmanned vehicles (U)	1977
19780085066	Performance evaluation of the airborne target acquisition and fire control system (unit S/N 105) (U)	1977
19780085067	Application of VER(vulnerability estimating relationships) in tactical aircraft design (U)	1977
19780085068	Contractor technical evaluation of ARPS, model E-2C aircraft (U)	1977
19780085069	Identification of the major contributors to helicopter vulnerability (U)	1977
19780085071	Operational evaluation of the AH-1T helicopter with the TOW system and HSS (U)	1977
19780085072	Contractor technical evaluation of ARPS, model E-2C aircraft, Addendum 1 (U)	1977
19780085076	Flight test of the F-4E PAVE TACK night attack system (U)	1977
19780085077	Harassment vehicle demonstration (U)	1977
19780085084	A comparative study of chemical methods of mechanical wear diagnosis based on a helicopter engine failure	1977
19780085085	Inlet and ramburner freejet and transition tests. Part 9: Advanced combustion development and parametrics investigation for the AFT S-duct and loaded center duct propulsion system configurations (U)	1977
19780085086	Jet engine particle laden plume prediction (U)	1977
19780085098	Weather/accuracy effects (U)	1977
19780085099	Laser induced wake discrimination technology (U)	1977
19780085125	Atlas/Centaur launch vehicle study. Phase 4: Guidance and control	1977
19780085130	Development test 2 (PQT-G) of stinger tracking head training set (U)	1977
19780085132	Tomahawk cruise missile integrated system dynamics report (U)	1977
19780085133	Reliability of the TOW missile system (U)	1977
19780085163	Universal telemetry system for Interkosmos, research satellites	1977
19780085165	Real-time target discrimination based on motion resolution techniques (U)	1977
19780085187	High pressure motors and test stand. Super HIPPO and ELSH. Volume 1: Design, fabrication, demonstration	1977
19780085188	Air Force technical objective document, fiscal year 1979 (U)	1977
19780085191	Booster vulnerability analysis (U)	1977
19780085222	I. P. Bardin and the development of metallurgy in the USSR	1977
19780085223	Seminar on heat treatment of welded structures	1977
19780085238	Artificial aeroionization for the neutralization of charges of static electricity on solid dielectrics	1977
19780085239	Development of new and improved test methods for the evaluation of aircraft lubricants, phase report	1977
19780085245	PCDE propellant (U)	1977
19780085246	The B-52 pyrophoric flare II flight test (U)	1977
19780085266	Analysis of scintillation effects on communication systems (U)	1977
19780085268	Technical report of the MEECN UHF/FDM coverage envelope test for the NEACP facility and Offutt AFB Nevada (U)	1977
19780085270	Operational test 2 of receiving set, special purpose, noncommunications detection (AN/MSQ-103) (U)	1977
19780085271	CPFSK waveform design (U)	1977
19780085272	Technical report of the MEECN UHF/FDM ground entry point coverage envelope test for the uscinceur facilities (U)	1977
19780085274	Passive Acquisition and Surveillance System (PASS) (U)	1977
19780085275	Investigation of interference between Navy telemetric data sets and the US Air Force space ground link system (U)	1977
19780085276	TRISAT training, analysis and library (U)	1977
19780085277	S band data collection and analyses (U)	1977
19780085281	JANCAN: A jammer nulling canceler technique (U)	1977
19780085282	Emitter identification/verification measurement program (U)	1977
19780085284	Simulation of time-of-arrival measurements (U)	1977
19780085300	Radar Optics Signature Correlation Studies (ROSIC) (U)	1977
19780085304	Subtest 2.6, effectiveness supplement no. 1 to development test 3. Production validation test-government of radar signal detecting system AN/APR-39 (V)1 (U)	1977
19780085305	Improved BMEWS threat discrimination performance (U)	1977
19780085314	GaAs Schottky-gate field-effect transistor medium-scale integration	1977
19780085340	A spark light source with Kerr cell	1977
19780085341	Laboratory tests of the Bell Model-XI accelerometer. Appendix H: Bell-XI centrifuge test results (U)	1977
19780085343	Facility plan for the long range chemical laser device demonstration testing (U)	1977
19780085344	The laser and the weather	1977
19780085345	Static tests of a digital code beamrider (U)	1977
19780085346	Proceedings of the Biennial Guidance test Symposium, 8th, volume 2 (U)	1977
19780085348	Ladar projected grating (U)	1977
19780085350	BMDATC survey to support laser signature analysis (U)	1977
19780085361	Small Turbine Advanced Gas Generator (STAGG) (U)	1977
19780085371	Use of projection of sections and relief stereograms for mapping by means of computer	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085391	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components	1977
19780085392	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components	1977
19780085404	Human tracking performance using light-weight viscous-damped mounts (U)	1977
19780085406	UP data base system: Input data analysis and sample reports (U)	1977
19780085408	User's manual for ACSYNT: A computer program for aircraft synthesis	1977
19780085409	Theory of automatic control systems, part 4	1977
19780085419	Detection of cruise missiles and aircraft by large systems of intercorrelated acoustic arrays, (U)	1977
19780085427	Independent evaluation of the manportable common thermal night sights (TOW and NOD-LR) (U)	1977
19780085434	Long range optical systems study 2 (U)	1977
19780085439	Endoatmospheric optical homing sensor technology (conceptual design) (U)	1977
19780085445	Fiscal year 1979 Air Force Armament Laboratory technical objective document (U)	1977
19780085466	Development and investigation of aviation systems, chapter 1	1977
19780085472	Aeromechanics survey and evaluation. Volume 1: The state of knowledge concerning experimental aeromechanics	1977
19780085473	Aeromechanics survey and evaluation. Volume 2: The state of knowledge concerning analytic aeromechanics	1977
19780085474	Aeromechanics survey and evaluation. Volume 3: Assessment of the state of knowledge concerning aeromechanics	1977
19780085475	Aeromechanics of aircraft, part 1	1977
19780085476	Aeromechanics of aircraft, part 2	1977
19780085477	Perturbations of a supersonic flow and aerodynamic forces originating on the streamlined surface during the injection of a fluid	1977
19780085478	Calculation of the aerodynamic characteristics of wings of complex geometry in supersonic flow	1977
19780085484	Effectiveness of a flapping wing as a propelling agent	1977
19780085485	Study of the kinematics of axial motion of a flight vehicle during automatic landing along flexible trajectories	1977
19780085486	Use of the method of phase planes for the study of the longitudinal unguided motion of flight vehicles	1977
19780085487	The time of the dirigible has arrived	1977
19780085494	The application of a parametric method of fatigue load measurement to wings: based on flight measurements on a lightning Mk T5	1977
19780085507	F-100D/MK-20 Rockeye compatibility flight test (Seek Eagle)	1977
19780085508	Modern aircraft landing gears	1977
19780085514	An approach for analytical vulnerability assessment. Vulnerability of conceptual and preliminary design aircraft to nonnuclear proximity-fuzed guided missile warhead detonations (U)	1977
19780085515	Axillary harassment vehicle joint program (U)	1977
19780085516	Model F-14A airplane high angle of attack flying qualities evaluation (U)	1977
19780085517	Model F-14A airplane high angle of attack flying qualities evaluation, volume 1 (U)	1977
19780085525	Debris Tester DT 1	1977
19780085526	Theory and design of the gas-turbine and combined installations: Excerpts	1977
19780085527	Development of a gas turbine engine oil for bulk oil temperatures of -40 to 465 F, part 3	1977
19780085528	Service life of the friction units of aircraft	1977
19780085529	A 3-D heat transfer analysis program	1977
19780085530	Propulsion nozzles	1977
19780085531	Starters for turbojet aircraft engines	1977
19780085533	High tip speed fan study for the Williams Research Corporation F107 engine (U)	1977
19780085535	Algorithms of the control of flight vehicles in the process of their landing	1977
19780085563	The new generation of French tactical nuclear missile after the pluton	1977
19780085567	UNFTP: TOW missile vulnerability and safety analysis (U)	1977
19780085569	Single seat attack-night simulation study. Phase 1, part 2: PAVE PENNY to IIR Maverick handoff (U)	1977
19780085572	Proceedings of the 2nd Annual Free Flight Rocket Workshop, volume 2 (U)	1977
19780085576	Assessment and Verification Analysis program (AVA) (U)	1977
19780085592	Advanced all-weather air-to-air missile guidance technology (U)	1977
19780085594	Evaluation of advanced correlation techniques (U)	1977
19780085595	Economic effectiveness of the rational organization of transport operation during the use of reusable space-transport systems	1977
19780085611	Rocket engines, part 1	1977
19780085612	Rocket engines, part 2	1977
19780085615	Unsteady and quasi-stationary operating modes of RDTT	1977
19780085619	Calculating optimum process and equipment parameters in indirect hot extrusion of tubes from composite materials with brittle fibers	1977
19780085621	Erosion mechanisms program. Volume 5: Comparison of polyacrylonitrile (PAN) and Thorne1-50 (T-50) nosetip materials (U)	1977
19780085622	Erosion mechanisms program. Volume 4: Single particle impact tests on Shape Stable Nosetip (SSN) material (U)	1977
19780085623	Erosion mechanisms program. Volume 2: Particle impact response of candidate Heatsheild Assessment Program (HAP) materials (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085624	Fundamental characteristics of combustion, part 2	1977
19780085625	Fundamental characteristics of combustion, part 1	1977
19780085626	Decaborane synthesis	1977
19780085628	Investigations of the stabilization of hydrogen-diffusion flames by means of the flame holders in supersonic flow	1977
19780085631	Reaction of oxides of metals with carbon, part 1	1977
19780085632	Reaction of oxides of metals with carbon, part 2	1977
19780085633	The microstructural, mechanical and ballistic characterization of ultra-high carbon steel	1977
19780085634	Titanium for the national economy, selected articles	1977
19780085635	Influence of microstructure on fatigue crack propagation rate of aluminum alloys	1977
19780085638	Antifungal resistance of some paints	1977
19780085639	Microbiological stability of nonwoven textile materials made from chemical and bast fibers	1977
19780085640	Rapid method of soil testing for the evaluation of bio-resistance of textiles	1977
19780085641	Ballistic evaluation of three-dimensional orthogonally woven Kevlar fabric structures (U)	1977
19780085646	The effects of catalysts on the combustion of dina	1977
19780085648	Report on a study to determine the size of smoke particles with various rocket propellants	1977
19780085652	VZ-1 air cushion vehicle	1977
19780085671	Review of Air Force Ground Mobile Forces (GMF) SHF satellite terminal program	1977
19780085672	Formation of highly directive patterns with zero values in specified directions by means of switching control of source amplitude distribution	1977
19780085674	Technical report of the MEECN/AM coverage envelope test for the Ellsworth AFB, ECHO-1 LCC (U)	1977
19780085681	Advanced synthetic array radar techniques (U)	1977
19780085694	Development of the hybrid field effect mode optical-to-optical interface device	1977
19780085697	Report of the Advisory Group on Electron Devices for 1977	1977
19780085698	Radiation effects on MSI/LSI electronic components (U)	1977
19780085699	Radiation effects in MSI/LSI technologies (U)	1977
19780085702	Two-dimensional flow of a gas with particles in a nozzle	1977
19780085704	Collection of works of the 3rd all-union seminar on models of flow mechanics, selected articles	1977
19780085706	Investigation of the transfer of an electrophotographic powder image from selenium layers onto current-conducting materials	1977
19780085707	New laser concepts: Executive summary report	1977
19780085708	Design and fabrication of LADAR subsystems	1977
19780085711	HELKS (U)	1977
19780085712	SLBM defense technology requirements study. Midcourse defense technology requirements, High Energy Laser Kill Systems (HELKS), volume 2, appendices (U)	1977
19780085713	SLBM defense technology requirements study. Midcourse defense technology requirements. High Energy Laser Kill Systems (HELKS), volume 1(U)	1977
19780085715	Optical heterodyne technology (U)	1977
19780085726	Bases of the ultrasonic nondestructive method of determining the stresses in solids	1977
19780085739	Compensation of phototriangulation module on condition of collinearity	1977
19780085740	An experiment in remote sensing of bathymetric and trafficability parameters	1977
19780085742	A design, construction and performance capability analysis of the standard missile-2 battery manufactured by Eagle Picher Industries	1977
19780085743	A new heat source composition for thermal batteries	1977
19780085745	Condensation increase in the stratospheric sulfate aerosol	1977
19780085756	Testing a suit	1977
19780085759	Plotters of single system computers	1977
19780085760	Optical computing systems	1977
19780085761	VP data base system: System documentation(U)	1977
19780085763	Functional series in theory of nonlinear systems, part 1	1977
19780085764	Functional series in theory of nonlinear systems, part 2	1977
19780085769	Low cost arrays for detection of infrared (LADIR), phase 1	1977
19780085770	Long wavelength tracker demonstration model (U)	1977
19780085772	Critical optics technology (U)	1977
19780085774	Magnetosheath effects on cylindrical Langmuir probes	1977
19780085776	Investigation of possibilities and optimization of powerful electrodynamic plasma accelerators	1977
19780085781	Quarterly compilation of abstracts on completed Test, Experimental, and Development (TED) projects (U)	1977
19780085791	Aviation engineer's handbook	1977
19780085792	Aviation engineer's handbook, part 2	1977
19780085797	Numerical solution of the generalized problem of flow of gases about a body at a transonic velocity	1977
19780085798	Pitch-up during deceleration from supersonic to transonic flight	1977
19780085799	Proceedings of the Siberian section of the Academy of Sciences, USSR, selected articles	1977
19780085800	Profile of a wing with a pivoted flap in a shear flow	1977
19780085801	Force on an airfoil vibrating in a transonic flow	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085802	Calculation of the pressure distribution on thick grid airfoils by means of Fredholm's integral equations of the second type	1977
19780085803	Atlas of nonstationary aerodynamic characteristics of blade cascades	1977
19780085804	Prime Oscillatory Expendable Transponder (POET) wind-tunnel static force measurements	1977
19780085805	Transactions of the Leningrad Institute of aviation instrument building, selected articles	1977
19780085806	GE/CRBRP/IHTS mixing tee model perforated plate vibration test, in support of GE/CRBRP:DRS 51.32	1977
19780085807	Testing of an automatically deployed survival kit for the B-52/D/G/H aircraft egress system	1977
19780085809	Build more rapidly, more economically, and with higher quality	1977
19780085810	The effect of instrument errors on the accuracy of the aircraft landing process in automatic landing along nonrigid trajectories	1977
19780085812	F4E improved 20MM gun system	1977
19780085814	Remotely piloted vehicle displays and controls. An empirical investigation	1977
19780085817	Agreement of the characteristics of aircraft and engine	1977
19780085818	Report on the Meeting of the DGLR (German Air and Space Society) Scientific Committee 2A2 on Rotary Wing Aircraft	1977
19780085819	Helicopters today and in the future	1977
19780085820	A-7D fuselage survivability improvement program realistic testing	1977
19780085821	Transactions: Leningrad Institute for aviation instrument building	1977
19780085824	High temperature cooled gas turbines of aircraft engines, selected articles	1977
19780085825	Development of turbine engine structural design criteria, volume 2	1977
19780085826	One method of controlling supersonic aircraft	1977
19780085828	If an aircraft has low stability	1977
19780085830	AFFTC, aircraft horizontal thrust stand evaluation and operational update	1977
19780085842	Processing of space information, selected articles	1977
19780085866	Scoring transceiver development	1977
19780085871	Effectiveness of air defense missile systems	1977
19780085874	Reduction in the number of terms in geopotential models used in satellite orbit and ephemeris computation	1977
19780085890	Improved nozzle structural reliability, volume 1	1977
19780085891	Improved nozzle structural reliability, volume 2	1977
19780085892	Rocket exhaust plume analysis for launchers	1977
19780085893	The aerodynamics of rockets	1977
19780085895	Advanced motor cases	1977
19780085896	Quarterly report	1977
19780085897	Physics and chemistry of the processing of materials, selected articles	1977
19780085903	Fine weave carbon/carbon composites	1977
19780085904	Large area composite structure repair	1977
19780085905	Characterization of reaction sintered silicon nitride radomes	1977
19780085906	The role of composite materials in the technological progress	1977
19780085907	Carbon fiber plastics in aircraft construction	1977
19780085908	Fracture mechanics of thermal protective materials	1977
19780085910	The influence of particle size on the temperature of spontaneous combustion of metal powders	1977
19780085911	Generation of hydrogen by thermochemical reactions	1977
19780085912	Ignition and combustion of semidispersed metal powders in supersonic flows	1977
19780085922	Directional solidification of superalloys	1977
19780085924	Dependence of tensile strength of an aluminum alloy: Steel wire composite material on the angle of reinforcement	1977
19780085925	Structures and properties of a high-temperature eutectic composite of the Ni-Al-Nb system	1977
19780085926	Production of parts from titanium powders	1977
19780085938	Hydrolytic stability of some commercially available non-moca cured polyurethane encapsulants	1977
19780085946	Combustion of magnesium particles under low pressure	1977
19780085947	Incendiaries	1977
19780085948	Preparation of lead salicylates	1977
19780085949	Pyrotechnic flare mechanisms	1977
19780085962	Performance characteristics of short base length acoustic arrays for the detection of firing weapons	1977
19780085964	Theoretical bases of statistical radio engineering, excerpts	1977
19780085965	Methodologies for analysis of electro-optical system performance	1977
19780085967	Propagation of submillimeter infrared and visible waves in the earth's atmosphere	1977
19780085970	A complex system of quality control of communications: Research and problems	1977
19780085972	Private line interface development. Packet network security. Unix system development. Pluribus satellite IMP development	1977
19780085974	CCD radar processor development	1977
19780085975	Technical support for the CONUS OTH-B experimental radar system	1977
19780085980	Proceedings of Symposium on the Utilization of Large Scale Integrated Circuits in Military Systems, part 1	1977
19780085981	Proceedings of Symposium on the Utilization of Large Scale Integrated Circuits in Military Systems, part 2	1977
19780085982	Volt-ampere determination of vanadium trioxides	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085983	Analysis of amplifier with logarithmic amplitude characteristic during passage of amplitude-modulated signals	1977
19780085984	Development test 2 (PQT-G) of charger, battery, pp-7286 () for Hand - Held Laser Rangefinder (HHLR), AN/GVS-5	1977
19780085985	Manufacturing methods and technology program to develop, document and establish a quality control program for manufacture of 18mm and 25mm microchannel plates	1977
19780085986	Lightning danger to jet aircraft, part 1	1977
19780085988	The principles of magnetron calculation and design (tuning, stabilization, power lead out, cold measurements): Abstract, foreward, bibliography, and table of contents	1977
19780085989	Sources development for millimeter-wave applications	1977
19780085990	Development of a 0.9 million wafer intensifier tube	1977
19780085991	Fundamentals of radio engineering and radio engineering device	1977
19780085992	Semiadditive processes for fabrication of printed wiring boards	1977
19780085994	Technology of radio-apparatus construction	1977
19780085995	Thermal signal indicator and thermal regulator with sensors based on vanadium dioxide	1977
19780085998	Factors governing the improvement of circuit reliability for an HF air-ground link	1977
19780086003	Heat emission in a turbulent fluid flow	1977
19780086005	Special functions for studying the dynamics of nonstationary heat transfer, preface	1977
19780086016	Lasers in military technology	1977
19780086017	Laser: Probability of Hit (laser PH)	1977
19780086018	Lasers in television	1977
19780086021	Research on materials for high power laser windows	1977
19780086027	Loopwheel suspension system development	1977
19780086028	Replaceable tread tire prototype development for C-130 military aircraft flight tests	1977
19780086029	Electronic control of fuel injection in diesel engines	1977
19780086030	Production of cast mandrels for mills for cold rolling of pipes by the electroslag casting method	1977
19780086031	Turbocharging and accelerability	1977
19780086032	Preliminary design analysis of an internally air cooled diesel engine	1977
19780086057	Kinetics of the simple models of vibration theory	1977
19780086059	Numerical solution of dynamic problems in the theory of plates and shells	1977
19780086060	Behavior of smooth box beam lining panels subjected to torsion	1977
19780086086	Map overlay coordinate transducer	1977
19780086091	Optimized performance of a magnetohydrodynamic generator through selection of working fluid resistivity tensor distribution	1977
19780086092	A high-efficiency MHD generator on a nonequilibrium plasma	1977
19780086094	Lead-acid storage batteries for stationary applicatons, GOST 825 - 73	1977
19780086095	Thermodynamics of liquid metal MHD generators	1977
19780086102	Laser Sounding of the Atmosphere, selected articles	1977
19780086103	Geodesy and cartography, selected articles	1977
19780086104	Radiothermal emission of terrestrial coverings	1977
19780086105	Hydrometeorology and the national economy, selected articles	1977
19780086106	Development plan for shipboard automatic weather station	1977
19780086108	Applications of Satellite Imagery to Test and Evaluation (ASITE)	1977
19780086130	The C5 declivity: Its interpretation on the basis of universally valid physiological concepts	1977
19780086132	Aerospace medicine	1977
19780086134	Advanced environmental control system evaluation	1977
19780086136	Organizational structure of production subsystem of computer center of state network of computer centers of the German Democratic Republic	1977
19780086137	Journal of Leningrad Order of Lenin Electrotechnical Institute, Imeni V. I. Ulyanova, selected articles	1977
19780086138	Logic enhanced memory	1977
19780086139	Remote processing of data in automated systems	1977
19780086140	Robotron 4201 minicomputer system summary	1977
19780086141	Standards for computer aided manufacturing	1977
19780086142	A biocybernetic type of adaptive element	1977
19780086143	Trusted software development system. Interim operational capability	1977
19780086144	Heterogeneous computer systems selected articles	1977
19780086145	Theory of automatic control systems, part 1	1977
19780086146	Theory of automatic control systems, part 2	1977
19780086147	Theory of automatic control systems, part 3	1977
19780086150	A collection of questions concerning equations of mathematical physics	1977
19780086151	On systems of hyperbolic first order differential equations, 1	1977
19780086153	Study of the influence of gyroscopic effects on oscillations of a revolving rotor	1977
19780086154	Criteria for propagation loss model assessment for APP application	1977
19780086157	Characteristics of an H(-) ion beam when generating short beam current pulses at the input of the linear accelerator of a meson breeder	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086160	A study of the regularities in the transfer of an optical image in a cloudy atmosphere	1977
19780086166	Transportation of plasma bunches with energy of approximately 100 KJ	1977
19780086167	Collision of two dense plasma flow	1977
19780086168	Variational method of obtaining difference systems for equations of magnetohydrodynamics	1977
19780086169	Variation approach to the construction of difference systems for equations of hydrodynamics in spherical coordinates	1977
19780086170	Variational-difference systems of two-dimensional magnetohydrodynamics	1977
19780086171	Use of the rotary furnace with superposed plasma arcs for the preparation of special materials for MHD generators and open and closed cycle heat exchangers	1977
19780086172	Silicon/sapphire interface radiation study	1977
19780086176	A device for the astro-orientation of a telescope	1977
19780086190	The effect of base cavities on the drag of an axisymmetric afterbody with a sonic nozzle, between free stream mach equals 0.8 and 1.3	1977
19780086195	Effect of flow boundary on aerodynamic characteristics of a wing with a small aspect ratio	1977
19780086199	Nosetip transition experimentation program, volume 2	1977
19780086204	Laminar flow control bibliography	1977
19780086214	Performance evaluation of the Venus probe parachute assembly	1977
19780086216	Test loading TPN-19 landing control central	1977
19780086217	Comparison of the combined environment and other preproduction testing done for reliability assessment during development of the AN/ARN-131	1977
19780086218	Radio equipment of short-range navigation and landing flight vehicles	1977
19780086221	An-26 construction and operation, part 1	1977
19780086222	An-26 construction and operation, part 2	1977
19780086224	Advanced technology gun system studies	1977
19780086225	Determination of the dynamic characteristics of a helicopter by the branch-modes method	1977
19780086226	Operational usage data of the USMC-UH-1E helicopter	1977
19780086228	State-of-the-art and trends of rotary wing aircraft	1977
19780086248	System analyses and design of an airspring vibration isolating for helicopter mounted rocket launchers	1977
19780086254	Automatic instrument systems, selected articles	1977
19780086256	Power systems study, advanced fighter/attack and V/STOL airplanes	1977
19780086259	A method for predicting the stability characteristics of an elastic airplane. Volume 2: FLEXSTAB 3.01.00 user's manual	1977
19780086260	A method for predicting the stability characteristics of an elastic airplane. Volume 3, part 1: FLEXSTAB 3.01.00 program description	1977
19780086261	B-1 A.V no. 1 ground vibration test	1977
19780086265	Report of joint Navy - Air Force study on air emissions from aircraft engine test facilities	1977
19780086281	Harpoon weapon system booster motor safety test program	1977
19780086282	Development of the technology of rocket launching	1977
19780086285	Electromechanical stabilization system	1977
19780086286	Tactical augmentation of NAVSTAR/GPS. Volume 1: Experimental program	1977
19780086287	Tactical augmentation of NAVSTAR/GPS. Volume 2: Phase 2 engineering experiments	1977
19780086301	Rocket engines on combined propellants	1977
19780086309	Carrier testing of graphite composites in contact with metals on F-4	1977
19780086310	Life assurance of composite structures. Volume 2: Technology	1977
19780086311	Life assurance of composite structures. Volume 3: Element characterization	1977
19780086313	Truncation of 994-2 graphite	1977
19780086314	Nondestructive, mechanical and thermal characterization of MOD 3a, MOD 3b, MOD 3p, MOD 3r, MOD 3d, MOD 3n, MOD 3m, and pierced orthogonal carbon-carbon materials	1977
19780086315	Mechanical, thermal and nondestructive characterization of GE-2.2.3	1977
19780086322	An electro-chemiluminescent indicator	1977
19780086326	Quantitative analysis of the evaporation kinetics of metal films which absorb laser emission	1977
19780086328	Strength of alloy steels during static bending after thermal and thermomechanical treatment	1977
19780086329	Heat-to-heat variation of tensile properties of annealed 2 1/4 Cr-1 Mo steel	1977
19780086331	Interim analysis of the creep strain-time characteristics of annealed and isothermally annealed 2 1/4 Cr-1 Mo steel	1977
19780086332	An ice-shedding paste for application to helicopter rotor blades	1977
19780086336	A study of the bulk and surface characteristics of lubricating agents which determine the film thickness on a panel of self-cleaning filters	1977
19780086337	Laminated safety glass	1977
19780086338	Physical chemical properties of complex aromatic-heterocyclic polymers, part 7	1977
19780086339	The development of piezoelectric polymer films and paints	1977
19780086341	Development of improved plastic encapsulating materials for high reliability integrated circuits	1977
19780086342	Effect of modification of particle surfaces of a filler on the relaxation behavior of filled polymethyl acrylate	1977
19780086343	Parameters of cellulose diacetate thermodynamic interactivity with certain polymers	1977
19780086348	Theory of detonation and forming of an explosive spray	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086367	Device for cycle synchronization of optimum receivers of complex manipulated signals	1977
19780086370	Plan for data collection, analysis, and evaluation of SOTAS during Reforger 77	1977
19780086371	Development of mathematical methods of research in linear and inverse problems of electrodynamics	1977
19780086373	EMP engineering practices handbook	1977
19780086374	A four-element conformal array antenna	1977
19780086376	Measurements on PQM-102 scoring TM antenna patterns on a 1/3.4 scale model	1977
19780086383	Dependence of the shape of the scattering indicatrix on microphysical characteristics of a scattering medium	1977
19780086386	Theoretical fundamentals of electrical technology (excerpts)	1977
19780086387	Formation of high-voltage pulses by means of the explosion of conductors	1977
19780086388	Photodiodes and phototransistors: Measurement methods of the basic photoelectric parameters and determination of responses	1977
19780086389	Standard performance of static convertor motors without collectors with improved motor circuits	1977
19780086390	Standard performance of static converter motors without collectors with the simple six-phase circuit	1977
19780086391	Electric vehicles	1977
19780086393	The 1.4-micron photocathode	1977
19780086395	Block-Oriented Random-Access Memory (BORAM)	1977
19780086410	Connectors, electrical, plug only, printed circuit, taper pin/tabs, rectangular, hermetically sealed	1977
19780086411	Amplifier, electronic control on amplifiers, electronic control, 400 Hertz only, 400 watts	1977
19780086412	Transformers, power, general purpose, hermetically sealed, 400 Hertz only	1977
19780086413	Transformers, audio frequency, enclosed, 100 Hz tp KHZ	1977
19780086414	Capacitors, fixed, film, hermetically sealed, chassis mount, mil-general	1977
19780086415	Capacitors, fixed, paper, hermetically sealed, chassis mount, mil-general	1977
19780086416	Connectors, electrical, mated pair, printed circuit, wire-wrap, rectangular, hermetically sealed	1977
19780086417	Transformers, power, NOC, enclosed, 400 Hertz only	1977
19780086418	Transformer, audio	1977
19780086419	High burnout silicon Schottky mixer diodes	1977
19780086421	A 25 mm 0.9 micron wafer tube development	1977
19780086424	High voltage pulse generators	1977
19780086426	Lot acceptance data for SP7616D 11-57-4154281, semiconductor, transistor, power, audio, PNP bipolar, silicon, can	1977
19780086428	Group B inspection, capacitors, fixed, film, hermetically sealed, lead mount	1977
19780086429	Transformers, audio frequency, enclosed, audio frequency, NOC	1977
19780086434	A study of the conditions of separation of dust particles from a surface under the influence of an air flow	1977
19780086435	Potential accuracy of coherent Doppler measurement of flow velocity	1977
19780086439	Assembly, control and testing of gyroscopes	1977
19780086440	Observer design for improved rate sensor performance	1977
19780086442	Operating model of a gyrotron	1977
19780086443	Measurement of the shear acoustic oscillations of the resonance frequency with respect to amplification circuit of the He-Ne laser	1977
19780086445	Pressure recovery in chemical lasers	1977
19780086447	Possibilities of applying lasers in leveling	1977
19780086448	Plasma, magnetic forming, laser and explosive forming	1977
19780086450	HF/DF laser optics	1977
19780086451	A generator of short electron beams with a high voltage source built into the line	1977
19780086452	A pulsed nanosecond electron accelerator with a high operating frequency	1977
19780086453	Development of continuous casting of steel	1977
19780086459	Advanced multilayer drilling. Part 2: User manual	1977
19780086468	Dynamic contact problems	1977
19780086469	Fatigue strength of adhesive-bonded joints in a simplified model of fuselage structure under repeated cabin pressure	1977
19780086494	Remote determination of the supplies of productive moisture in soil	1977
19780086495	Deep submergence aspects of lithium-seawater power cell	1977
19780086498	Advanced power systems technology survey and system concept applications	1977
19780086499	Failure mechanisms in nickel-hydrogen cells	1977
19780086500	Sulfate content in the Antarctic ice cap	1977
19780086502	Physics of the ionosphere, selected articles	1977
19780086503	Selecting the number of measurements in optical sounding of atmospheric aerosol	1977
19780086504	Clinometric measurements by means of inclinometric measurements at the solfatara	1977
19780086509	Military Field Surgery: A handbook for Physicians and Students 3rd edition	1977
19780086514	Methods of studying pilot tolerance to accelerations under flight conditions	1977
19780086520	A suit warmer than a fur coat	1977
19780086521	A computerized data system for human factors keyboard testing	1977
19780086522	Female flight coveralls	1977
19780086524	Plan for loading and demonstrating the prototype task description database	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086528	Application of the GVS-100 hybrid computer system to the solution of control problems: Collection of papers	1977
19780086532	Active noise reduction through airborne sound interference as part of individual sound protection	1977
19780086535	Absolute cross sections of excitation of thallium atoms with electronic impact	1977
19780086536	Formation of dense self-compressed electron fluxes	1977
19780086537	A thermal explosion with focusing of an electron beam onto the surface of a metal	1977
19780086542	A lens design to investigate boresight shift in SPAL	1977
19780086545	Problems in interpreting the spectral variation of the aerosol scattering coefficient	1977
19780086548	Theta-pinch with external injection of plasma	1977
19780086549	Controlled gas-discharge device with plasma cathode (AVTRON)	1977
19780086551	The effect of ultrasonic vibrations on the kinetics of crystallization of amorphous selenium	1977
19780086552	Wide bandwidth liquid crystal light valve development	1977
19780086560	Navy cost information system. Navy expenditure forecasting system	1977
19780086570	Independent research, 1977	1977
19780086599	Flow past a heated cone (U)	1977
19780086619	Development of generic hydraulic actuator P sub D/H, probability of damage given a hit, curves (U)	1977
19780086622	Aircraft vulnerability assessment methodology. Volume 3: Crew (U)	1977
19780086628	Operational evaluation of the F-14A/PHOENIX weapons system (U)	1977
19780086631	Evaluation of the F-14A/PHOENIX weapons system (U)	1977
19780086668	Development test II of the improved HAWK IPAR and ATDL product improvements (U)	1977
19780086674	Air intercept missile evaluation (AIMVAL). Volume 4: Program operation (U)	1977
19780086703	Ballistic characterization of ultra-high carbon steel (U)	1977
19780086705	Liquid propellants gun technology exploratory development. Volume 6: Theoretical interior ballistics (U)	1977
19780086723	Advanced power management system high probability of intercept receiver study (U)	1977
19780086726	Radar cross sections of the AC-130H 1300, 2800, 5500, and 9225 MHz (U)	1977
19780086732	Expendables against televisions (U)	1977
19780086733	Over-the-horizon radars for ballistic missile defense (U)	1977
19780086734	Monopulse deception program (U)	1977
19780086741	Over-the-horizon targeting alternatives. Volume 1, main text (U)	1977
19780086748	Internal wave propagation in a variable-N fluid, 2: Computation (U)	1977
19780086750	Laser Augmented Target Acquisition Recognition (LATAR)/F-4E development test and evaluation (U)	1977
19780086751	Vehicle vulnerability to laser designator systems (U)	1977
19780086752	Laser guided bomb study (U)	1977
19780086770	Air Force technical objective document, fiscal year 1979 (U)	1977
19780086772	Defense mapping agency file inventory (U)	1977
19780086778	Thermal analysis of a fuse/bomb assembly in a supersonic environment	1977
19780086789	Advanced development of conceptual hardware for the lightweight fighter	1977
19780086790	Aerodynamic synergistics of air launched vehicles, volume 3. Configuration development	1977
19780086812	Endo homing technology ground test program. Volume 3: Plasma arc jet thermal performance tests	1977
19780086826	Advanced interceptor control and base burning technology study (U)	1977
19780086837	Life assurance of composite structures. Volume 4: Component characterization	1977
19780086838	Manufacturing methods for advanced radome production	1977
19780086841	Electroslag smelting of metallized pellets	1977
19780086866	Fluids, lubricants, fuels and related materials	1977
19780086870	Development of a flight design for an oil-lubricated VM cryo-cooler	1977
19780086917	Use of laser to monitor surface finishings	1977
19780086919	Advanced sensor concepts study	1977
19780086927	A review of the work in the United Kingdom on the fatigue of aircraft structures during the period May 1975 to April 1977	1977
19780086960	The sun: A new source of energy	1977
19780086961	Military Medical Journal, no. 7	1977
19780086962	Some problems of clinical training of aviation doctors	1977
19780086963	Functional condition after exposure to whole-body low-frequency vibration and impact acceleration	1977
19780086964	Medical importance of setting psychophysiologic standards for flight loads	1977
19780086965	Effect of prolonged hypokinesia on hearing	1977
19780086968	ARPA/STO program (U)	1977
19780086991	A note on the prediction of viscous effects on aerofoils, with particular reference to transonic flows with shock waves	1977
19780086992	Advanced defensive fire control processing methods study. Volume 4: Orion software documentation	1977
19780086993	Aircraft data base catalog development. Volume 1: Fighter/attack component and total volume estimation methodology and volumetric center of gravity approximation	1977
19780086994	Aircraft data base catalog development. Volume 2: Weight estimation methodology for selected fighter attack systems	1977
19780086999	Preliminary design external blast vulnerability assessment procedure. Volume 2: Users manual	1977
19780087005	Advanced defensive fire control processing methods study. Volume 2: Analytical formulations	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087013	A theory for longitudinal wave propagation in a composite rod: Shock response of composite penetrators	1977
19780087014	Thermal and mechanical properties of six grades of experimental graphites	1977
19780087015	Loaded carbon-carbon composite studies	1977
19780087017	Fiber- and wire-reinforced ballistic specimens	1977
19780087018	Synthesis of perfluoroaliphatic ether monomers	1977
19780087019	Polymer characterization using TG-MS techniques	1977
19780087043	LES-8/9 antenna systems. Volume 2: S-band telemetry	1977
19780087044	LES-8/9 antenna systems. Volume 3: K-band	1977
19780087048	Shielding of cylinder coils	1977
19780087049	Performance of delayed decision DPCM systems with application to speech coding	1977
19780087050	ECM/ECCM modeling for airborne radars, volume 2	1977
19780087052	Combined amplitude and phase modulation based on complex polytopes	1977
19780087055	Development of supercharged Diesel engines: Retrospect and future	1977
19780087058	Seismic sensing of sounds in the sea	1977
19780087062	Military Medical Journal, No. 11, 1977	1977
19780087063	Air physician	1977
19780087064	Evaluation of human efficiency at different altitudes	1977
19780087065	On the effectiveness of antigravity devices	1977
19780087066	Special ruler for determining the proper weight of a flier	1977
19780087077	Cost and Training Effectiveness Analysis (CTEA) of device 2B12B	1977
19780087107	The mutual aerodynamic interference of two aircraft in close proximity (U)	1977
19780087114	Composite build-to-print B-1 L.H. no. 3 wing flap	1977
19780087115	Feasibility study for using a Lockheed JetStar to flight test a model advanced design propeller	1977
19780087130	TREE design-to analysis B-1 low power relay	1977
19780087151	Aerodynamic drag analysis of A/C 4	1977
19780087156	The FISHBED-J wing (U)	1977
19780087159	A scramble-on-warning concept for MX defense (U)	1977
19780087160	Attack helicopter survivability in the antitank role (U)	1977
19780087162	Comparison of selected platform alternatives for standoff target acquisition system (SOTAS) (U)	1977
19780087176	Research and development on short ramjet dump combustors	1977
19780087180	Advanced Turbine Engine Gas Generator (ATEGG) program. Volume 2: Gas generator hardware fabrication and test (U)	1977
19780087187	Environmental control technology enablement study	1977
19780087191	Estimates from satellites of weather erosion parameters for reentry systems: Annex	1977
19780087192	Erosion mechanisms program. Volume 15: Dynamic and degraded properties of reentry vehicle materials	1977
19780087193	Structural Technology for Advanced Reentry systems (STAR) program: Noretips for Improved RV Accuracy (NIRVA) program	1977
19780087198	Discrimination research and analysis (U)	1977
19780087218	Development of a safe separation sensor based Maverick alternate Warhead Fuze (U)	1977
19780087221	Pershing missile system accuracy analysis (U)	1977
19780087234	Advanced all-weather air-to-air guidance technology study (U)	1977
19780087248	Dual mode SAM penetration study. Volume 3: Supplementary studies (U)	1977
19780087260	Utilization of T and E data in air acquisition systems (U)	1977
19780087264	Test summary and evaluation report: SAC glory trip 133M. SAMTEC operation 3554. LGM-30F operational test phase 2 program (U)	1977
19780087267	Endo homing technology ground test program. Volume 1: Program summary (U)	1977
19780087269	Launch boundaries for an advanced conceptual close range air-to-air missile with off-boresight launch effects (U)	1977
19780087291	A Study to Decline an Inflight Dynamic Measurement and Data Applications Program for Space Shuttle Payloads	1977
19780087293	Operational test and evaluation of AIM-4F/G improved telemetry package (U)	1977
19780087309	Laser-guided hard-structure munition propulsion feasibility study (U)	1977
19780087318	Radiative enhancement from multiple collisions in rarefield plumes (U)	1977
19780087321	Manufacturing methods for low cost automated fabrication of composite structures	1977
19780087322	Composite build-to-print B-1 L.H. No. 3 wing flap	1977
19780087324	Manufacturing methods for advanced radome production	1977
19780087327	Build-to-print composite B-1 wing no. 3 L. H. slat	1977
19780087328	Composite build-to-print slat B-1 wing slat no. 3 L. H.	1977
19780087329	Composite build-to-print slat B-1 wing slat B-1 wing slat no. 3 L. H.	1977
19780087333	Composite build-to-print slat B-1 wing slat no. 3 L. H.	1977
19780087337	Manufacturing methods for low cost automated fabrication of composite structures	1977
19780087340	Manufacturing methods for advanced radome production	1977
19780087346	Build-to-print composite B-1 wing no. 3 L. H. slat	1977
19780087348	Graphite/aluminum composites and hybrids for launch vehicle applications	1977
19780087349	Advanced composites design guide. Volume 2: Analysis. Third edition, third revision	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087350	The effect of plasticization of brittle fibers for composition materials	1977
19780087351	Feasibility study for utilization of fiber reinforced lead composites in naval hardware applications	1977
19780087354	Erosion mechanisms program. Volume 3: Summary of particle impact and material property response of thermally stressed GE223 carbon-carbon (U)	1977
19780087355	Erosion mechanisms program. Volume 12: Summary of miscellaneous particle impact testing results (U)	1977
19780087358	Ballistic range test coordination program. Volume 1: Carbonaceous material evaluation (U)	1977
19780087359	Laser hardened aircraft radomes (U)	1977
19780087360	Material Requirements Definition (MRD) program. Volume 2: System requirements and trajectories (U)	1977
19780087362	Hardening of a tool by plasma coating	1977
19780087363	Exploratory development of nonspecular coatings by the use of pigmented polymer beads	1977
19780087364	Development of HME 350 laminating resin	1977
19780087365	Characterization of high temperature adhesive systems	1977
19780087368	Measurement of the extensional viscosity of safety fuels by jet-thrust and triple-jet techniques	1977
19780087377	High energy tough propellant development (U)	1977
19780087388	Baseband equalization for fiber optic digital communication systems	1977
19780087389	Studies of combined amplitude and phase modulation for data transmission	1977
19780087393	Radar cross section measurements of the Technology Development Vehicle (TDV) reentry vehicle	1977
19780087399	Tactical systems and technology (U)	1977
19780087400	Development test III (production validation test - government) of radar signal detecting system AN/APR-39 V 1 (U)	1977
19780087401	Investigative Electromagnetic radiation (EMR) tests, ground laser locator designator GLLD: System (U)	1977
19780087403	TECOM evaluation DT III (PVT-G) of the radar warning receiver AN/APR-39 V 1 (U)	1977
19780087407	High probability of intercept receiver. MINI-HPIR operation and maintenance (U)	1977
19780087419	Dice THROW UHF/SHF transmission experiment. Volume 2: Dielectric properties of dust (U)	1977
19780087421	Active array design/APG-63 (U)	1977
19780087439	Design concept study for an air launched active expendable decoy (U)	1977
19780087447	Low radar cross section antenna study (U)	1977
19780087459	AFSATCOM narrowband interim DT and E test report (U)	1977
19780087462	APG-63/DMR integration and test program (U)	1977
19780087469	ECM vs high frequency radars (U)	1977
19780087472	LES-8/9 antenna systems. Volume 1: UHF (U)	1977
19780087475	DSP ground data station analytical assessment (U)	1977
19780087484	An electrical system analysis program	1977
19780087485	Inspection report on capacitors, fixed, glass, porcelain/vitreous, non-metallic case, MIL-EST, REL	1977
19780087486	Inspection report on capacitors, fixed, glass, porcelain/vitreous, non-metallic case, MIL-EST, REL	1977
19780087488	Lot acceptance data for SP9236A 11-60-9093085	1977
19780087490	Semiconductor, transistor, power, audio, NPN bipolar, epitaxial, can	1977
19780087494	A quantitative study of the jump phenomenon in an active RC network	1977
19780087498	Upset threshold calculations for No. 1 ESS circuits	1977
19780087514	Spin Coupled Accelerometer Gyro (SCAG)	1977
19780087527	Laser effects testing optimization	1977
19780087530	Army nozzle technology program (U)	1977
19780087531	Electric visible laser analysis. Volume 1: Cold flow and acoustic/dynamic analysis (U)	1977
19780087532	Army nozzle technology program (U)	1977
19780087534	Chemical laser fluid dynamics (U)	1977
19780087541	Advanced designation concepts program (U)	1977
19780087597	Special programs office sensor capability handbook and data sheets, volume 1	1977
19780087599	Procedures for gathering ground truth information for a supervised approach to a computer implemented land cover classification of LANDSAT acquired multispectral scanner data	1977
19780087602	Module efficiency definitions, characteristics and examples	1977
19780087603	The solar generator	1977
19780087605	Sulfur dioxide abatement methods, performance and cost	1977
19780087616	Measuring and reporting aircrew training readiness for operational fleet air units (U)	1977
19780087617	Human factors test and evaluation of the A-10A (U)	1977
19780087621	Convergence in law of a series of phi-mixing random variables implies convergence in probability	1977
19780087622	Investigations in sensor/array technology. Review and discussion of suggested surveillance applications of a parametric array	1977
19780087625	Receiver design for low and medium speed digital fiber optic systems	1977
19780087626	Solid State Array Tracker Applications	1977
19780087629	Manufacturing methods for the production of gallium arsenide infrared windows	1977
19780087630	A simplified approach to analyses of infrared sensor performance versus weather: Theory and application to the Hannover data base (U)	1977
19780087633	High performance detector/cooler module (U)	1977
19780087636	Advanced passive infrared seeker for field Artillery Weapons Systems (FAWS). Volume 2: Technical report (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087637	Advanced passive infrared seeker for Field Artillery Weapons Systems (FAWS). Volume 1: Executive summary and recommendations (U)	1977
19780087640	Airborne infrared measurements of Roman Candle decoy test flight on 26 August 1977 (U)	1977
19780087660	High angular rate air-to-missile sensor demonstration (U)	1977
19780087673	Corrections to classical kinetic and transport theory for a two-temperature, fully ionized plasma in electromagnetic fields	1977
19780087680	Aerospace Structures Information and Analysis Center (ASIAC)	1977
19780087681	Sample return technology development	1977
19780087682	Inviscid fluid models, based on rolled-up vortex sheets, for three-dimensional separation at high Reynolds number	1977
19780087683	Wind-tunnel measurement of lateral aerodynamic derivatives using a new oscillatory rig, with results and comparisons for the Gnat aircraft	1977
19780087685	Merging distance criteria for co-rotating trailing vortices	1977
19780087699	Non-nuclear system response analysis vulnerability data for the B-1 aircraft ("A" kill category)	1977
19780087700	Space shuttle avionics system	1977
19780087704	Selective stiffening and low cost manufacturing of turbine engine blading using titanium composites	1977
19780087712	Automated planetary space station at Jupiter	1977
19780087714	Space power systems enabling technology for future space missions	1977
19780087717	Summary of Air Force Materials Laboratory Workshop on Mechanics Modeling of Carbon-Carbon Composites	1977
19780087718	Maneuvering and Erosion Resistant Nosetip Technology (MERNT) program, phase 2	1977
19780087721	Saponification of the insoluble organic residues from oil shales, algal oozes, and algae	1977
19780087722	Applications of ultra-high sensitivity isotope ratio mass spectrometry to organic geochemistry and cosmochemistry	1977
19780087724	How the steel submits: Developments in powder metallurgy	1977
19780087725	Applications of electrochemical nickel coatings to continuous carbon fibers	1977
19780087726	Improvement of the properties of metals	1977
19780087727	The heat stability of ethylene-propylene rubber in air and skydrol hydraulic fluid	1977
19780087729	Exploratory development of corrosion inhibiting primers	1977
19780087731	Weaving and pyrolysis of continuous multifilament yarns from pitch precursor	1977
19780087733	Nitrogen trifluoride (NF3) oxidizer systems design. Phase 2: Technical report	1977
19780087750	Radiative transfer in spherical shell atmospheres. 1: Rayleigh scattering	1977
19780087751	Combined Active Passive Radar (CAPAR). Volume 2: Study of wide-angle multiple beam antennas for CAPAR	1977
19780087754	AN/APS-127 airborne radar system evaluation	1977
19780087755	Submillimeter wave technology	1977
19780087757	Capacitors, fixed, glass, lead mount, contractor Hi-rel	1977
19780087760	Jet in a crossflow: Vortex characteristics near the jet exit	1977
19780087761	Effect of rotation on a rotating hot wire sensor	1977
19780087765	Design of a pot-type Li/SF6 combustor for the CCDS 40-1 engine	1977
19780087766	Conceptual design studies of configurations of pot-type Li/SF6 combustor heat sources for the CCPS40-1 engine	1977
19780087768	Reliability engineering test report on semiconductor, diode, microwave, step recovery, silicon	1977
19780087771	Assessment of the benefits and feasibility of laser remote sensing from spacecraft and earth orbit	1977
19780087772	UV-Vis laser probing of planetary and cometary atmospheres	1977
19780087773	Remote sensing of planetary surfaces by illumination with a laser	1977
19780087774	Planetary atmospheres and surface sensing using lasers	1977
19780087775	Scalar translocation using laser range data	1977
19780087777	Nickel-hydrogen battery advanced development program	1977
19780087778	The distribution of Fe and Mg between olivine and lunar basaltic liquids	1977
19780087779	Potential coefficient determinations from 5 deg terrestrial gravity data	1977
19780087780	Destruction of stratospheric ozone	1977
19780087781	Further mobile element studies in heated Abee (E4)	1977
19780087783	Search for Ca isotopic fractionation and correlation of Ca and O effects	1977
19780087785	Correlation studies of four submicron OH airglow bands during Spacelab simulation	1977
19780087786	Correlations between topographic heights and free-air anomalies as a function of age	1977
19780087788	Studies of biomolecular interactions: Principles of nucleic acid structure and function from the point of view of constituent interactions	1977
19780087789	Elements of a DNA-polypeptide recognition: Electrostatic potential around the double helix, and a stereospecific model for purine recognition	1977
19780087790	A model stereospecific recognition of purines as an element of a DNA polypeptide recognition code	1977
19780087791	The nature of the genetic code in relation to base substitution	1977
19780087792	An optimized potential function for the calculation of nucleic acid interaction energies. 1: Base stacking	1977
19780087793	Display, manipulation and simulation of macromolecules	1977
19780087794	An approach to the origin of self-replicating systems. 1: Intermolecular interactions	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087795	Computer display and manipulation of biological molecules	1977
19780087807	Military Medical Journal, No. 12, 1977	1977
19780087808	Effect of intense pulsed noise on the spiral organ	1977
19780087809	Influence of optical defects in the glazing of the cockpit canopy on the space orientation of the pilot in flight	1977
19780087815	The use of lower body negative pressure to assess and preserve orthostatic tolerance during 4-week bedrest	1977
19780087816	Comparative study of the state of the cardiovascular system in engineers working on various electronic computers	1977
19780087817	The RAE two-axis man-carrying vibrator	1977
19780087818	C-141 cockpit task analysis	1977
19780087819	Laboratory develops heat and cold resistant suits	1977
19780087823	ILLIAC language report	1977
19780087824	NASA Study Group on Machine Intelligence and Robotics. Workshop 2-A: Planetary Surface Rover Technology	1977
19780087825	NASA Study Group on Machine Intelligence and Robotics. Workshop 2-B: Computer architecture for future space missions	1977
19780087826	A note on the averaging method	1977
19780087827	Progress report, November 1976 - April 1977	1977
19780087828	Lectures on nuclear science	1977
19780087829	Diagrammatic evaluation of the density operator for nonlinear optical calculations	1977
19780087830	Electrooptical performance modeling	1977
19780087832	Density-functional formulation of the generalized pseudopotential theory	1977
19780087835	Coherent coupling of radiation to metal-barrier-metal structures by surface plasmons	1977
19780087836	A large-area focusing gas scintillation proportional counter for use in X-ray astronomy	1977
19780087840	Operational and instrumental considerations for the development of a planetary SEM-EDA	1977
19780087841	A possible source of sudden thermal changes on Uranus	1977
19780087842	Uranus: Models for the time variation of thermal flux	1977
19780087843	High resolution orbital X-ray results for the mare Fecunditatis-Langrenus crater region	1977
19780087844	Apollo 11 revisited: New determinations of radionuclide contents of Apollo 11 samples	1977
19780087845	Shock effects in some lunar basalts	1977
19780087846	Martian volcanism	1977
19780087847	Major and trace element abundances in anorthositic gabbro clasts and a clast of K-rich feldspar breccia 73215	1977
19780087848	Mars sample return and its place in Mars science strategy	1977
19780087850	The role of sulfur in the Apollo 12 basalts	1977
19780087851	Meteorite impact ejecta: Dependence of mass and energy lost on planetary escape velocity	1977
19780087852	A graphical summary of solar wind electron content observations by Pioneers 6 through 9	1977
19780087853	New lunar standards for solar flare track and microcrater production	1977
19780087854	Orbital gamma ray data and early lunar differentiation	1977
19780087855	Ultra heavy cosmic ray measurements with a 6.6m ² sr electronic detector	1977
19780087859	An experimental study of the flow field associated with a jet issuing from a lifting wing in crossflow	1977
19780087865	Navy preliminary evaluation of the T-34C airplane	1977
19780087870	A-6E/TRAM/CA INS/ACLS flight test (U)	1977
19780087876	Wing swept landing test program (tire, wheel, and brake (CCP 224 Cl))	1977
19780087879	AT-28D IR shield flight certification test	1977
19780087881	F-4 flight test of silicone coatings	1977
19780087889	Construction and bases of the design of aviation gas-turbine engines, part 1	1977
19780087890	Construction and bases of the design of aviation gas-turbine engines, part 2	1977
19780087892	Application of stochastic optimal reduced state feedback gain computation procedures to the design of aircraft gust alleviation controllers	1977
19780087898	B-1 facilities requirements plan	1977
19780087899	Critical phenomena in a low gravity environment	1977
19780087900	Comment on Poisson equations of rotational motion for a rigid triaxial body with application to a tumbling artificial satellite, by Liu and Fitzpatrick	1977
19780087901	Solar sail technology readiness report	1977
19780087909	Influence of structural dynamics on space shuttle design	1977
19780087912	Hydrocarbon generation by thermal alteration of kerogen from different marine sediments, revised	1977
19780087947	Study of materials as a science. Search for materials for new engineering	1977
19780087949	Manufacturing methods for low cost automated fabrication of composite structures	1977
19780087954	The ultraviolet stability of selected high polymeric and cyclic oligomeric phosphazenes	1977
19780087957	Sputtering of uranium	1977
19780087961	Paramagnetic impurity concentrations in amorphous polymers	1977
19780087964	Exploratory development of addition cured polyimide resins	1977
19780087969	Turning characteristics of a preliminary design of the JEFF (E) Air Cushion Vehicle (ACV)	1977
19780087980	Synoptic analysis of interplanetary radio scintillation spectra observed at 34 MHz	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087987	ECCM antenna development	1977
19780087991	ECCM antenna development	1977
19780087992	The effect of composition on T sub c in some high T sub c A-15 structure superconductors	1977
19780087993	The discrete-time compensated Kalman filter	1977
19780087994	The traveling wave tube: Problems of theory and design: Abstract, foreword, and table of contents	1977
19780087996	Submillimeter wave band modulator	1977
19780088000	Evaluation of Signetics TTL, Schottky, 4-bit arithmetic logic unit, GE/AESD-7534581P1	1977
19780088003	A method to improve the temperature stability of semiconductor strain gauge pressure transducers	1977
19780088008	Recent methods for measuring the size of air-suspended particles by centrifugal, impaction, and electric mobility	1977
19780088009	Pulsed HF(DF) laser	1977
19780088011	Damage survey of safety glasses irradiated with CO2 laser energy	1977
19780088032	Follow-on Seasat end-to-end data system alternatives	1977
19780088033	Remote sensing of planetary atmospheres using high power laser techniques	1977
19780088036	Laser protects air	1977
19780088037	Improvements of distance measurements with the rangemaster 2	1977
19780088038	Shallow drilling in the Bunte Breccia impact deposits, Ries Crater, Germany	1977
19780088039	REE and RB-SR analysis of 15405 quartz-monzodiorite (super-kreep)	1977
19780088040	Maturity of soil in drive tube 60009/10 and implications for regolith evolution	1977
19780088042	Purine-purine base pairs and the origin of transversion type mutation	1977
19780088044	NASA pulmonary bioengineering program	1977
19780088048	Theoretical prerequisites for the development of artificially heated clothing	1977
19780088051	Investigation of ODE integrators using interactive graphics	1977
19780088052	The modification index method of generating verification conditions	1977
19780088053	A new method of generating verification conditions	1977
19780088054	The teaching of program correctness	1977
19780088055	A sequential method for spline approximation with variable knots	1977
19780088056	A model for the Lagrangian autocorrelation	1977
19780088057	A discriminant approach to parameter estimation in the linear model with unknown variance-covariance matrix	1977
19780088059	Polarized vacuum ultraviolet and X-radiation	1977
19780088060	The aerodynamic noise of a slot in an aerofoil	1977
19780088061	Sputtering by fast electrons	1977
19780088062	Sputtering of uranium	1977
19780088063	An atomic model for neutral and singly ionized uranium	1977
19780088067	Stark broadening of singly ionized silicon	1977
19780088068	The nine-channel submillimeter interferometer for electron density measurements on the Tokamak-10 unit	1977
19780088069	Sputtering by fast electrons	1977
19780088070	Lower limits on resolved neon l-shell excitation cross-sections by impact of 1.5 MeV/A approximates S(12+), Cl(12+) ions	1977
19780088071	Thermal conductivity of steam in the critical region	1977
19780088073	Infrared heterodyne spectroscopy in astronomy	1977
19780088074	An analysis of the Widorn slope-albedo rule	1977
19780088075	Mars: Near-infrared spectral reflectance and compositional implication	1977
19780088076	AMOS report	1977
19780088077	Sputtering in astrophysics and planetary science	1977
19780088078	Effect of water on cratering: A review of craters and impactities on the earth, moon and Mars	1977
19780088079	Impact-induced energy partitioning, melting and vaporization on terrestrial planets	1977
19780088081	Cubanite: A new sulfide phase in CI meteorites	1977
19780088083	Thermal conductivity of two Apollo 17 drill core samples 70002 and 70006: A preliminary result	1977
19780088084	Karoonda, A Metamorphosed Carbonaceous Chondrite	1977
19780088085	Comparative study of orbital and lunar sample geochemistry	1977
19780088086	Effects on composition of maturation in a well documented, isochemical suite of soils from drive tube 60009/10	1977
19780088087	Survey of lunar plutonic and granulitic lithic fragments	1977
19780088088	Petrology and crystallization history of Apollo 14 14 impactites	1977
19780088089	Microcraters and solar cosmic ray tracks	1977
19780088090	Surface and near-surface exposure ages of lunar soils: Exposure ages based on the fine-grained metal and cosmogenic Ne-21	1977
19780088091	Fine-grained metal distribution in grain-size separates of lunar samples: Production and evolution of the fine-grained metal	1977
19780088092	Electromagnetic sounding of the moon using Apollo 16 and Lunokhod 2 surface magnetometer observations (preliminary results)	1977
19780088093	Synthetic spectra of C2 in comets	1977
19780088095	Ion microprobe study of glass particles from lunar sample 15101	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088096	Sample 74001 and its significance for models for eruption behavior of a volcanic vent in eastern Mare Serentatis	1977
19780088097	Soil maturation and grain size-dependance of trapped solar gases	1977
19780088098	A Re-Examination of the Orbital X-Ray Data from Apollo 15 and 16	1977
19780088100	VH cosmic ray measurements with a 6.6 m-2sr electronic detector	1977
19780088109	Aeromechanics and gas dynamics. Selected portions	1977
19780088115	Flow visualization photographs obtained during an over-wing fairing study with the .06 scale B-1 force model 4 in the rockwell transonic Wind Tunnel (TWT 305), Phase 1	1977
19780088124	Optimum maneuvers	1977
19780088134	Stores interface data collection and analysis, phase 3. Volume 2: F-4E aircraft data documentation and store electrical compatibility analysis	1977
19780088135	Stores interface data collection and analysis, phase 3. Volume 1: A-10A aircraft data documentation and store electrical compatibility analysis	1977
19780088136	Composite build-to-print B-1 L. H. no. 3 wing flap	1977
19780088137	Aircraft flight mechanics (excerpts)	1977
19780088145	B-1 flight flutter test program. Phase 1: Preliminary qualification TP/PS closeout report TP/PS 0356-1-100	1977
19780088154	Low cost manufacturing concepts of advanced composite primary aircraft structures, phase 2	1977
19780088157	Nonnuclear system response analysis vulnerability data for the B-1 aircraft (E kill category)	1977
19780088166	The French Naviplane N500 air cushioned vehicle	1977
19780088169	Eutectic composite turbine blade development: Engine testing	1977
19780088171	Labyrinth packing for turbomachines	1977
19780088172	Noncontact measurements of the oscillations of the blades of turbomachines	1977
19780088175	Turbine engine components stress-simulation program	1977
19780088178	Redesign, modification and test, AN/ASX-2/F-14 power supply	1977
19780088180	EMP analysis data, B-1 flight control sensors	1977
19780088182	Monte Carlo analysis of the Kalman filter in the firefly simulation	1977
19780088185	Hardened reentry vehicle development program. Phase 1: Rotating ablative sting technology	1977
19780088188	Titan 2 Reliability and Aging Surveillance Program (RASP)	1977
19780088194	Transparent antistatic satellite materials, Part 1	1977
19780088198	Optimal guidance using microprocessors in a real-time on-line environment	1977
19780088210	Precision of automatic control systems of liquid propellant rocket engines and turbulent engines, chapters 1-4	1977
19780088219	The evaluation of a high strength experimental grade of poco graphite	1977
19780088221	Superhard material of brand belbor	1977
19780088223	Material guidance codes program	1977
19780088224	Exploratory development of controlled composite processing, part 2	1977
19780088225	Manufacturing methods for low cost automated fabrication of composite structures	1977
19780088226	Evaluation of post-test ablation models	1977
19780088227	Material Requirements Definition (MRD) program. Volume 1: Passive nosetip performance evaluation, phase 1	1977
19780088232	Effects of moving targets and multiple targets on fire probability	1977
19780088239	Application of electron energy loss spectrometry to precipitate microanalysis in a 9 percent CR 1 percent MO steel	1977
19780088240	Void shrinkage and disappearance in stainless steel during electron irradiation	1977
19780088241	Adhesive bonding of carbon fibre reinforced plastics. Part 1: Effect of high humidity on joint strength	1977
19780088242	Strength and other properties of yarns extracted from cordage exposed to weather or immersion in water	1977
19780088243	Plastics in defense technology, part 1 and part 2	1977
19780088245	Development of high temperature thickeners for high performance grease, part 2	1977
19780088246	Development of advanced core and mold materials for directional solidification of eutectics	1977
19780088251	Utilization and disposal of solid propellant and explosive wastes, appendix A	1977
19780088279	Radar set AN/APS-129 Standard Electronic Module Radar (SEMR), volume 2	1977
19780088280	Radar set AN/APS-129 Standard Electronic Module Radar (SEMR), volume 3	1977
19780088281	Description of the long-range imaging radar	1977
19780088285	Radar analysis services. Volume 5B: MTI system analysis addendum, SAR/AMTI using monopulse detection	1977
19780088286	Radar analysis services. Volume 2D: Synthetic aperture radar change detection model-bibliographies	1977
19780088288	EMRED program: User's manual	1977
19780088293	X-band frequency-selective YIG limiters: Development of the WD264 passive YIG limiter as a microwave receiver protector	1977
19780088296	Television and holography	1977
19780088297	Manufacturing methods for miniature traveling wave tubes. Volume 4: Addendum	1977
19780088315	New manual on the protection of underground intercity cable communication lines from lightning strikes	1977
19780088318	Perspectives of development of magnetoelectric generators with the application of high-coercivity permanent magnets	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088319	Model calculations on the electromagnetic radiation of special distribution systems in the atmosphere	1977
19780088320	Evaluation of AMD Schottky 4-bit synchronous binary counter to GE drawing 7536970P1	1977
19780088321	Qualification of High Energy Corp. 2DSPSL5200MAA standoff capacitor	1977
19780088325	Transformer assembly, potential (P/N 554634-1)	1977
19780088326	Delay line (P/N 144675-1)	1977
19780088336	Reliability engineering test report on microelectronic circuits, digital monolithic, gate, transistor-transistor logic, dual-in-line, ceramic	1977
19780088337	Reliability engineering test report on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, dual-inline, ceramic	1977
19780088338	Choke, Dual 10234314	1977
19780088345	Dynamic field emission (DF emission): A new model presentation of the cathode spot on cold cathode	1977
19780088348	Cameras in orbit	1977
19780088350	Automatic instruments, regulators and computing systems, excerpts	1977
19780088353	Electronic Range Scoring Device (ERSD) system description	1977
19780088354	Problems of optics of the atmosphere (introduction)	1977
19780088363	Long life elastomeric aircraft hydraulic seals	1977
19780088365	Alternate sources for propellant ingredients	1977
19780088370	Comparison of weight characteristics of fiberglass plastic and metallic cylindrical shells under the effect of an axial compressive force	1977
19780088371	Antiarmor penetration analysis. Volume 1: Yield strength effects	1977
19780088374	Microwave remote indication of surface contaminations of sea by oil-products	1977
19780088376	Search for energy	1977
19780088383	Where is G-force directed?	1977
19780088385	Radiothermal emission of hail and rain clouds	1977
19780088405	Noise induced hearing loss with chronic otitis media	1977
19780088406	Air blast induced lung injury: A mathematical model	1977
19780088420	Majority principle of construction of reliable units and devices in computers, selected portions	1977
19780088422	Basics of the CRD computer	1977
19780088426	Several particular solutions to the inverse kinematic problem	1977
19780088429	Ultrasonic device for processing parts	1977
19780088430	Handbook on radiometric exploration and radiometric analysis	1977
19780088433	Kinetics and growth and decay of excited rare gas atoms	1977
19780088435	Optical system commonality study	1977
19780088447	Operations manufacturing plan production lot 1 (aircraft no. 5, 6, and 7), volume 1	1977
19780088501	Bulletin of the Siberian Branch, Academy of Sciences USSR. Series of Technical Sciences, selected articles	1977
19780088502	High speed inlet investigation. Volume 1: Description of program and results	1977
19780088506	Two dimensional test of four airfoil configurations with an aspect ratio of 7.5 and a 16 inch chord up to a mach number of 1.1	1977
19780088535	AFCS operation with a single ICS receiver and either FDC - implementation	1977
19780088536	Radiometric area correlation guidance captive flight test. Volume 1: Phase 1 system design	1977
19780088538	Graphite composite landing gear components, technical appendices	1977
19780088546	Student naval flight officer jet trainer aircraft VTNX conceptual design study	1977
19780088548	EMP analysis data. B-1 windshield controller	1977
19780088558	Performance and systems evaluation Iranian model 214C helicopter	1977
19780088559	Low cost tow target	1977
19780088560	Damage tolerance requirements for B-1 composite structures	1977
19780088566	Flight test of the general purpose multiplex system - experimental with fiber optic interconnects	1977
19780088567	Determination of the structural influence coefficient matrix of the prototype vertical ejector rack	1977
19780088568	Composite build-to-print slat B-1 wing slat number 3 L. H.	1977
19780088571	Advanced technology gun system studies	1977
19780088577	Hardened RV development program. Phase 4: Heatshield assessment program task 1	1977
19780088580	RPV's for ground combat missions	1977
19780088581	Head-up display symbology	1977
19780088584	Human engineering data. Functional description of controls and displays for the B-1 landing gear system	1977
19780088586	B-1 avionics production reliability program plan	1977
19780088588	Airborne electronic terrain map and display system	1977
19780088589	Advanced Aircraft Electrical System (AAES) A-7E prototype design. Volume 1: Detail design considerations	1977
19780088590	Advanced Aircraft Electrical System (AAES) A-7E prototype design. Volume 2: Appendices, Part 1, appendices A through W	1977
19780088591	Advanced Aircraft Electrical System (AAES) A-7E prototype design. Volume 2: Appendices, part 2, appendices X through SS	1977
19780088592	Advanced Aircraft Electrical system (AAES) A-7E prototype design. Volume 3: Supplemental data, part 1, wiring diagrams CP101 thru F18	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088594	Advanced Aircraft Electrical System (AAES) A-7E prototype design. Volume 4: A-7E general purpose multiplex system architecture study	1977
19780088595	Advanced Aircraft Electrical System (AAES) prototype design. Volume 5: Appendices for GPMS architecture study, part 1, appendices A through C	1977
19780088596	Advanced Aircraft Electrical System (AAES) prototype design. Volume 5: Appendices for GPMS architecture study, part 2, appendices D through K	1977
19780088598	Increase in the reliability of the blades of gas turbine engines by technological methods	1977
19780088600	Turbine engine evaluation of high density fuels	1977
19780088604	B-1 wind tunnel test results, 0.1 scale external compression inlet development model II, test XIII, TWT 298	1977
19780088619	Direct digital design of the flight controller for the pitch axis of the A-7D aircraft	1977
19780088623	Lateral control sensitivity study per MCR B1-13640	1977
19780088624	B-1 subsystem safety summary. Flight controls	1977
19780088632	USAF laboratories in the 1980s	1977
19780088671	Development test 2 (PQT-G) of Dragon missile jump pack (DJP)	1977
19780088679	Advanced digital guidance and control concepts for air-to-air tactical missiles	1977
19780088681	Laser HELLFIRE missile evaluation for the A-10 aircraft. Volume 1: Executive summary	1977
19780088684	Launch technology study task 6	1977
19780088690	Pershing II integrated electronics unit logistics and effectiveness analysis	1977
19780088692	Thermal and mechanical properties of four rocket nozzle adhesives	1977
19780088693	A rocket engine exhaust plume temperature profile by line reversal technique	1977
19780088703	Ten-year surveillance program	1977
19780088714	Qualification of low-cost composite secondary structures	1977
19780088715	High temperature resins for composites	1977
19780088716	Evaluation of several additional graphnol N-3 and N-4 materials	1977
19780088717	Extended flow life laminating resins	1977
19780088719	An analysis of combined erosion and ablation of a carbonaceous material	1977
19780088720	Evaluation of material guidance codes for carbon/carbon materials	1977
19780088722	Assessment of the availability and utilization of carbon-base fibers for DoD applications, Part 1	1977
19780088724	Conductive coatings for composite aircraft surfaces	1977
19780088734	Development of the processes of molding of metal powders	1977
19780088735	Synthesis of additives for perfluorinated fluids	1977
19780088738	Assessment of the availability and utilization of carbon-base fibers for DoD applications. Part 2: Detailed technology review	1977
19780088747	NATOPS and maintenance procedures for pyrotechnic items	1977
19780088748	Development of a low-cost, castable, thermally stable explosive	1977
19780088751	Self-contained propellant charges, combustible cartridge cases and combustible electrical primers	1977
19780088776	Experiments with loop antennas	1977
19780088777	Orthogonal and quasiorthogonal signals, selected portions	1977
19780088782	UHF AFSAT/SURVSAT dual modem	1977
19780088788	Actual operating characteristics of three terminal protection devices applied to the AN/PRC-77 field radio	1977
19780088794	MAD3: A computer code for system-generated electromagnetic pulse (SGEMP) calculations in three dimensions	1977
19780088795	Radar analysis services. Volume 5A: MTI system analysis	1977
19780088796	Evaluation of two sampled data communication systems	1977
19780088800	Radar analysis service. Volume 2C: Synthetic aperture radar change detection model-technical reference material	1977
19780088813	Thermoelectric generators, part 1	1977
19780088814	Thermoelectric generators, part 2	1977
19780088819	High power, liquid cooled helix twt	1977
19780088822	Qualification of saratoga Industries transformer 7591083P1	1977
19780088831	Dipole element for density-tapered phased-array antenna	1977
19780088839	Second source video IR integrated circuits qualification test report	1977
19780088842	Establish improved manufacturing processes for polyimide printed circuit boards, volume 1	1977
19780088843	Establish improved manufacturing processes for polyimide printed circuit boards, volume 2	1977
19780088847	Gallium arsenide tuning varactors	1977
19780088848	High speed micro signal processor study	1977
19780088854	Transformer, power, toroidal	1977
19780088863	Aluminum fluxless brazed antenna manufacturing methods program	1977
19780088868	Microelectronic circuits, linear, monolithic, regulator, flat	1977
19780088880	Calculation of surface temperature and ice accretion rate in a mixed water droplet/ice crystal cloud	1977
19780088881	Pressure transducer calibration procedure instrumentation and data systems test and evaluation	1977
19780088887	Procedure for power calibration of radiometric equipment	1977
19780088891	Research on chemically vapor deposited chalcogenide semi-conductors for high power laser window applications	1977
19780088896	Operation of a high energy CO2 laser facility at Naval Research Laboratory	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088898	Lasers with clarifiable filters	1977
19780088900	Test and evaluation of container CNU-284/E and unit load for rocket motor (JATO) mark 6 MOD 1	1977
19780088901	Development of a scavenged self-cleaning air filter for the AGT-1500 gas turbine engine	1977
19780088903	Tracked vehicle gas turbine engine combined programs. Volume 3: Cooled turbine systems studies	1977
19780088934	User Data dissemination Concepts for Earth resources. Summary briefing	1977
19780088943	Environmental Control System (ECS) transient analysis. Volume 1, part 1: Integrated transient computer program: Users guide	1977
19780088944	Environmental Control System (ECS) transient analysis. Volume 4: Optimal control and design synthesis	1977
19780088949	Macromolecular simulations as an approach to the study of the origins of self-replicating systems	1977
19780088959	Environmental Control System (ECS) transient analysis. Volume 2: Component computer programs	1977
19780088960	Experimental verification of ECS dynamics computer program	1977
19780088961	Environmental control system (ECS) transient analysis. Volume 1: Component mathematical models	1977
19780088963	A digital interface for use between a microprocessor and a dot-matrix display	1977
19780088965	Array processing software for a system of NOVA computers	1977
19780088966	E-2C/L-304 experimental memory system: AV-123U-RP-24A	1977
19780088976	Statistical aspects of machine rounding	1977
19780088979	Effect of intensity of ultrasound on change in throughput capacity of small-capillary filter materials and their purification quality	1977
19780088983	Physical starting of the faked high-current linear electron accelerator	1977
19780088984	On a new formulation of the problem of the diffraction of a plane wave by an infinitely conducting grating, general case	1977
19780088986	Zinc sulfide IR domes	1977
19780088987	Improve manufacturing processes for the production of indium antimonide detectors and dewars	1977
19780088988	Forward looking infrared (FLIR). Volume 3: Common module engineering design tests	1977
19780088989	Forward looking infrared (FLIR). Volume 4: Common module engineering design test data sheets	1977
19780088990	Forward looking infrared (FLIR). Volume 5: Common module engineering design test log sheets	1977
19780088991	Forward looking infrared (FLIR). Volume 6: Manufacturing fixtures, processes, and procedures	1977
19780088995	Brassboard fiber optic Time Division multiplexed (TDM) cable system design study result. Volume 1: Optimal system design	1977
19780088997	A study of application of optics to C3 systems. Volume 1: Optical communications	1977
19780089000	Manufacturing Methods and Technology (MM and T) measure for fabrication of thin film aluminum oxide Al ₂ O ₃ ion barrier 18 mm microchannel plates	1977
19780089001	Manufacturing technology for radiation hardened MNOS arrays	1977
19780089005	Operations manufacturing plan production lot 1 (aircraft number 5, 6, and 7), volume 2. Revision 2	1977
19780089006	B-1 operations manufacturing plan production lot 1 (aircraft numbers 5, 6, and 7), volume 3 revision 2	1977
19780089008	Program planning and appraisal methodology	1977
19780089012	Mars and Earth: Origin and abundance of volatiles	1977
19790002644	Numerical analysis of spectral methods	1977
19790003342	Energy analysis	1977
19790003558	The cosmonaut in flight	1977
19790004803	Experimental model for technology applications and transfer: An analysis. Technology Application Consortium	1977
19790007343	Airborne measurement of electromagnetic environment near thunderstorm cells, TRIP-76	1977
19790017451	Problems in modeling the earth's trapped radiation environment	1977
19790017618	Automatic test pattern generation and simulation of sequential logic circuits	1977
19790071191	Energy transfer and excimer formation in a flowing afterglow of Mg metastables	1977
19790071341	ERDA/NASA advanced thermionic technology program	1977
19790071541	Correction to: Intergranular fracture at elevated temperature	1977
19790071918	Theory of the energy-band lineup at an abrupt semiconductor heterojunction	1977
19790071952	Near term engine review: A presentation to ERDA thermal power systems, preliminary	1977
19790071957	Space station systems analysis study, part 3. Volume 1: Technical report	1977
19790071958	SEASAT-A project management report	1977
19790073350	A digital filter methods for improvement of photographic resolution	1977
19790074195	Monopropellant thruster exhaust plume contamination measurements	1977
19790074315	High efficiency thin-film GaAs solar cells	1977
19790074373	The localized origin of equatorial F region irregularity patches	1977
19790074511	Lunar igneous rocks and the nature of the lunar interior	1977
19790074619	A new method for physical limnology-tritium-helium-3 ages: Results for Lakes Erie, Huron, and Ontario	1977
19790074728	Optimal prosthetic aortic leaflet valve: Design parametric and longevity analyses. Development of the Avcothane-51 leaflet valve based on the optimum design analysis	1977
19790075057	Satellite and current drogue studies of ocean-disposed waste drift	1977
19790075168	Multi-hundred watt radioisotope thermoelectric generator program	1977
19790075240	A study of an open-loop system for decoupling airspeed and flight path angle control	1977
19790075299	Governing equations for dynamic crack propagation in DCB unidirectional composite specimens	1977
19790075631	In-vivo bone strain telemetry in monkeys (Macaca nemestrina)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790075799	Heave-pitch-roll analysis and testing of air cushion landing systems	1977
19790075820	The testing of liquid fuel rocket engine	1977
19790075823	Relationships between critical stress intensity factors for unidirectional composites having different reinforcement angles	1977
19790077353	Saint Marys River LORAN-C. Precision guidance system. Volume 1: System definition	1977
19790077434	Heat pipe technology. A bibliography with abstracts	1977
19790077435	Heat pipe technology. A bibliography with abstracts	1977
19790077436	Heat pipe technology. A bibliography with abstracts	1977
19790077470	Literature review of hydrogen energy: A bibliography with abstracts	1977
19790077471	Literature review of Hydrogen Energy. A bibliography with abstracts	1977
19790077472	Hydrogen energy: A bibliography with abstracts	1977
19790077477	Solar thermal power generation. A bibliography with abstracts	1977
19790077478	Solar thermal power generation. A bibliography with abstracts	1977
19790077479	Solar thermal power generation. A bibliography with abstracts	1977
19790077743	Synthesis of recent advances in geothermal energy technologies	1977
19790077966	Payload integration plan. Space transportation system and Office of Space and Terrestrial Applications payload (OSTA-1), revision C	1977
19790078839	Aerothermodynamic data base, phase C	1977
19790079555	Improved method for calculation of population doses from nuclear complexes over large geographical areas	1977
19790080055	Preliminary evaluation of the space disposal of nuclear waste	1977
19790080063	Theoretical studies of the optical and electronic properties of V, Nb, and Ta	1977
19790080071	Optical counterpart of 2A0311-227	1977
19790080193	A survey of stress intensity equations for corner cracks at a hole	1977
19790080510	Numerical simulation of earthquake sequences	1977
19790080576	Costs and benefits of a satellite-aided search and rescue system	1977
19790080577	Assessment of a Doppler satellite-aided search and rescue system	1977
19790080600	RDIO: Random Disk Input Output Routine. Programmer's reference manual, revision C	1977
19790080609	S. P. Korolev: Soviet spacecraft designer	1977
19790080623	Low-temperature heat pipes	1977
19790080624	Heat pipe testing under space conditions	1977
19790080675	Quiet Clean Short-haul Experimental Engine (QCSEE) Under-The-Wing (UTW) engine boilerplate nacelle test report. Appendix: Detailed engine performance	1977
19790080683	TVC actuator software design document	1977
19790080684	TVC actuator hardware design document	1977
19790080685	SRB/HPU Turbine and Sensor Simulator	1977
19790080690	Materials tips for spacecraft applications	1977
19790080783	High speed inlet investigation. Volume 2: Data Summary	1977
19790080795	Screening test and evaluation of Rockwell AN/ASN-122 micron prototype candidate medium accuracy inertial navigation system	1977
19790080796	Screening tests and evaluation of Singer kearfott SKN-2416 prototype candidate medium accuracy inertial navigation system	1977
19790080797	Screening tests and evaluation of Litton CN-39 prototype candidate medium accuracy inertial navigation system	1977
19790080802	Vulnerability predictors for US aircraft and two large threat weapons. Volume 2: Appendices	1977
19790080819	Operation of air-fields	1977
19790080824	Prospects of development of space methods of the study of natural media (conclusion and appendices	1977
19790080827	Preliminary specifications for advanced development model PAVE BRAZO missile digital processor	1977
19790080831	Soviet weather satellites	1977
19790080837	Structure and properties of a fibrous composite material. A refractory alloy on a nickel base reinforced with tungsten fibers	1977
19790080838	Wear Resistant Materials in Chemical Machine Composition: A Handbook, Chapter 4	1977
19790080839	Manufacturing methods for advanced sandwich panel construction	1977
19790080844	Evaluation of microstructure of three-dimensional (3D) pitch yarn reinforced carbon-carbon composites	1977
19790080845	Investigation of processes of the ignition and combustion of metallic suspensions in hydrocarbon media	1977
19790080846	Forging of unique blades from titanium alloys	1977
19790080848	BLCS porous materials	1977
19790080849	Erosion resistant, antistatic thermal flash resistant polymeric coatings	1977
19790080851	Development of high temperature functional fluids	1977
19790080854	Hydrofoil mission capabilities	1977
19790080855	Television complex of experimental satellites	1977
19790080857	Advanced radar flight test analysis. Volume 1: Program summary	1977
19790080859	A contribution to the theory of signal detection	1977
19790080861	The all union scientific session (32nd), dedicated to radio day	1977
19790080868	Storage degradation of sliding or mating electrical contact surfaces	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790080869	Reports of screening tests on ceramic capacitors	1977
19790080871	Brush assembly, single contact	1977
19790080872	Contact, electrical hardware, contacts, retaining	1977
19790080874	Large-scale integrated circuits in computer technology	1977
19790080882	Surface phenomena in liquids	1977
19790080889	Dye laser beam quality improvement	1977
19790080894	Method of calculating the evacuation of the combustion chamber of an engine with consideration of equilibrium physico-chemical transformations	1977
19790080896	Stability of weld joints in equipment made of a bimetal	1977
19790080897	SEM quality assurance activity test report on modules, gate	1977
19790080902	High temperature bonding techniques for solar cell array	1977
19790080906	Predicting and analyzing pulse rate of cosmonauts using extrapolation modelling in class of differential equations	1977
19790080907	Application of the easy dynamic analysis program to aircraft environmental control systems reference guide	1977
19790080908	Environmental Control system (ECS). Transient analysis, volume 3, part 2: Integrated transient analysis, volume 3: Part 2. Integrated transient computer program, program listings	1977
19790080913	Optimal utilization of supercomputers. Volume 2: The illiac 4	1977
19790080914	Analysis of connection algorithms with the main memory in multiprocessor systems	1977
19790080919	Index of NPL acoustics publications 1960-1970, supplement 6	1977
19790080945	Advanced terrain following and terrain avoidance techniques (U)	1977
19790080951	Stores interface data collection and analysis. Phase 4, Volume 3: Appendices	1977
19790080952	Stores interface data collection and analysis. Phase 4, volume 2: Description of interface analysis computer programs	1977
19790080953	Stores interface data collection and analysis. Phase 4, volume 1: Description of computerized data base system	1977
19790080963	Preliminary B-1 aerodynamic flight test performance calculations (U)	1977
19790080964	B-1 production aircraft dead weight distribution and mass moments of inertia, appendix B (U)	1977
19790080965	Estimated weight and balance report for model B-1 aircraft (U)	1977
19790080976	B-1 nuclear certification planning document, appendix A (U)	1977
19790080990	Radiometric area correlation guidance captive flight test, volume 2. Guidance system performance specification (U)	1977
19790080995	Base escape investigation (U)	1977
19790081004	Simulated thermal nuclear pulse effects on B-1 radome flat panel electrical characteristics (U)	1977
19790081015	Survivability assessment of selected aircraft for offensive air support (U)	1977
19790081026	IR emission predictions of tactical aircraft (U)	1977
19790081041	Development of composite external components for advanced gas turbine engines	1977
19790081047	Turbine engine technology demonstrator component development program (U)	1977
19790081057	Flight envelope for terrain following operation with adapter low gain conditions (U)	1977
19790081082	Re-entry systems program (U)	1977
19790081085	Study of alternative probe technologies	1977
19790081091	Analysis of the thermal and range vulnerability envelopes of the German Roland air defense missile system (U)	1977
19790081130	Laser HELLFIRE missile evaluation for the A-10 aircraft. Volume 2: Technical discussion (U)	1977
19790081132	Missile Intercept System Simulation (MISS) (U)	1977
19790081135	New system construct interceptor - low endo SSICM (U)	1977
19790081137	New system construct interceptors. Concept formulation and analysis (U)	1977
19790081149	Parameter characterization measurements by the advanced simulation center of the AGM-78D-1 seeker (U)	1977
19790081166	High performance gimbal study (U)	1977
19790081173	Space shuttle Experiment Pointing Mount (EPM) systems: An evaluation of concepts and technologies. Volume 1: Executive summary	1977
19790081174	Space shuttle Experiment Pointing Mount (EPM) systems. An evaluation of concepts and technologies. Volume 2: Technical report	1977
19790081186	Survey of electron-beam material response data: Correlations with underground test results (U)	1977
19790081189	Coupled ablation/erosion test program (U)	1977
19790081190	Test methods and their application to the evaluation of DQP (U)	1977
19790081191	Erosion mechanisms program. Volume 10: GE 223 carbon/carbon: A continued study of particle impact response with an investigation of the extent of subsurface damage resulting from multiple particle impacts (U)	1977
19790081194	Shroud alternate materials impact testing (U)	1977
19790081196	AMaRV composite substructure program (U)	1977
19790081203	Spin testing of ceramic materials	1977
19790081205	Exploratory development on new irdome hardening concepts (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081207	Results of a small scale test to determine detonability of propellants. Part 1: Small cubes of rocket propellant	1977
19790081209	Performances of castable illuminating compositions	1977
19790081210	Propellant development for fixed fuel flow ducted rocket (U)	1977
19790081212	Liquid propellant gun technology exploratory development. Volume 1: Executive summary (U)	1977
19790081247	Near field directive pattern analyzer for portable and laboratory application	1977
19790081251	Quarterly technical summary report 1 Sep. - 30 Nov. 1977 (U)	1977
19790081255	Millimeter wave beamrider tests (U)	1977
19790081259	Terrain following radar flight measurements program, volume 2 (U)	1977
19790081263	Optical-radiance structure and insitu density fluctuations with relevance to models for electromagnetic propagation (U)	1977
19790081285	Improved dynamic range receiver study (U)	1977
19790081293	Awacs roofhouse data collection program (U)	1977
19790081295	Raids modified E/F band ALR-20A tuner (U)	1977
19790081302	Ballistic Range Experimental Program (BREP 4) (U)	1977
19790081303	Real time optical processing experiments with spotlight radar data (U)	1977
19790081307	LES 8 and 9 joint test program interim report (U)	1977
19790081308	Exercise polo HAT 77-3 evaluation report (U)	1977
19790081310	Radiometric area correlation electronic countermeasures analysis. Phase 1: Electronic countermeasures study (U)	1977
19790081326	Low cost synthetic aperture radar ground test (U)	1977
19790081345	Radar cross section measurements of subscale missiles (U)	1977
19790081348	Low cost OPTINT study (LOCO) (U)	1977
19790081363	Low noise integrated FET receiver	1977
19790081364	Theoretical analysis report. Phase 1: Microwave delay line improvement analysis (U)	1977
19790081367	The 18mm third-generation tube development (U)	1977
19790081369	Baritt diode feasibility investigation (U)	1977
19790081375	On model constants and second order closure for curved shear flows	1977
19790081378	An engineering users guide for a simulation program of the tri-service laser seeker AN/DAO-1 (U)	1977
19790081385	Laser designator/weapon system simulation HELLFIRE block 2 seeker evaluation (U)	1977
19790081386	Analysis of AN/PAQ-1 laser target designator operational test 2 performance data (U)	1977
19790081389	Mobile Test Unit (MTU) high energy laser feasibility test bed. Volume 10: Vibration, shock and acoustics program (U)	1977
19790081390	Mobile Test Unit (MTU) high energy laser feasibility test bed. Volume 8: Instrumentation van assembly (U)	1977
19790081391	Mobile Test Unit (MTU) high energy laser feasibility test bed. Volume 6: Instrumentation and communications (U)	1977
19790081392	Mobile Test Unit (MTU) high energy laser feasibility test bed. Volume 11: Conclusion of vibration, shock and acoustics program (U)	1977
19790081393	Mobile Test Unit (MTU) high energy laser feasibility test bed. Volume 12: Safety program and temperature survey (U)	1977
19790081394	Mobile Test Unit (MTU) high energy laser feasibility test bed. Volume 9: Beam director module (U)	1977
19790081395	Mobile Test Unit (MTU) high energy laser feasibility test Bed. Volume 3: Cooling Mirror Temperature Regulator (MTR), gas and power modules (U)	1977
19790081396	Mobile Test Unit (MTU) high energy laser feasibility test bed. Volume 4: Control module (U)	1977
19790081399	Narrowband airborne measurements study (U)	1977
19790081403	Mobile Test Unit (MTU) high energy laser feasibility test bed. Volume 1: Program/system overview (U)	1977
19790081412	Mid-IR laser CM program (U)	1977
19790081425	Ultravioletoptical remote sensing of the ionosphere (U)	1977
19790081435	Engineering aspects of aircrew oxygen breathing systems	1977
19790081440	Land-based and sea-based barrier air defense of the North Atlantic Sea line of communications (U)	1977
19790081448	Arctic noise measurement experiment using Nimbus 6 data buoys (U)	1977
19790081454	Contractor prototype qualification test (PQT-C) tank thermal sight: Supplement (U)	1977
19790081457	Imaging infrared (IIR) maverick joint operational test and evaluation JOT and E (U)	1977
19790081458	New infrared decoy compositions (U)	1977
19790081460	Infrared search and track data acquisition system (IRSTDA) (U)	1977
19790081461	An absolute nanosecond pulsed x-ray calibration source (U)	1977
19790081465	Narrowband airborne measurements study (U)	1977
19790081469	Decoy optimization investigation (U)	1977
19790081497	Theory and implementation of velocity compensation on the RAMM sensor platform	1977
19790081502	PATH3D, a safe computer program	1977
19790081514	Spinning tubular projectile test program	1977
19790081516	Flight planning and conduct of the X-24B research aircraft flight test program	1977
19790081520	Technology and analytical support for F-14A weapons system	1977
19790081521	Strength summary and operating restrictions for AH-1Q/S equipped with Kaman K747 rotor blades	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081529	Test results of a simulated dual hydraulic boost system failure on a YAH-R/S helicopter configured with a K747-003 improved main rotor blade	1977
19790081530	Operators manual performance data substantiation with improved main rotor blades	1977
19790081531	Test results: Static load test root end of the improved rotor blade for the AH-1Q helicopter	1977
19790081532	Advanced Medium STOL Transport (AMST) study: Executive summary	1977
19790081534	Generic study of aircraft avionics bays/electronics compartments	1977
19790081535	EMP penetration into a closed wheel well	1977
19790081536	EMP Diffusion into specific aircraft configurations on the B-1, EC-135 and E-4	1977
19790081537	Characterization of EMP penetration into the nose wheel wells of the E-4, B-1, and EC-135 aircraft	1977
19790081538	Characterization of EMP penetration into the avionics bays/electronic compartments of the B-1, E-4, and EC-135 aircraft	1977
19790081539	EMP penetration through dielectric skin panels on the leading edge of aircraft wings	1977
19790081558	Benefit/cost analysis of US Navy jet engine test facilities	1977
19790081563	Exhaust valve assembly, 13006519	1977
19790081580	Interaction of phenol-formaldehyde binders with carbon fibers	1977
19790081583	Stress corrosion cracking of high strength Al-Zn-Mg-Cu alloys: Solute depletion at grain boundaries	1977
19790081584	Surface normalization of sensitized stainless steel by laser surface melting	1977
19790081618	Near field diagnostics study	1977
19790081619	An evaluation of the combined environments reliability testing of the RT868 A/APX-76 iff interrogator receiver-transmitter	1977
19790081622	Transmission-through one or more small apertures or arbitrary shape	1977
19790081623	Cavity excitation via apertures	1977
19790081624	Analysis of EMP penetration into an open wheel well	1977
19790081625	Analysis of EMP penetration into a weapons bay	1977
19790081626	EMP penetration through advanced composite skin panels	1977
19790081627	EMP penetration through metal skin panels and into aircraft cavities	1977
19790081629	Design of a current technology electric vehicle	1977
19790081630	Electronic transformer using amorphous material	1977
19790081631	Full wafer LSI (Large Scale Integration) module application	1977
19790081633	GaAs pulsed read diodes	1977
19790081634	Miniature two-axis joystick	1977
19790081637	Identification of the dominant recombination centers in electron-irradiated semiconductor devices	1977
19790081638	Waveform, Confinement and heater thickness effects on the critical heat flux from electrically-heated thin strips	1977
19790081639	An efficient numerical technique for calculating thermal spreading resistance	1977
19790081640	Fundamentals of airborne holographic data recording	1977
19790081642	Marking of photographic negatives	1977
19790081643	Laser bidirectional reflectance measurements. Volume 1: Section 1-7	1977
19790081647	Three to five micron vet laser investigation	1977
19790081651	The design of a combat descendeur	1977
19790081652	Cold welding of aluminum steel and titanium aluminum pieces	1977
19790081655	Fatigue behaviour of BS 2L65 aluminium alloy pin-loaded lugs with interference-fit bushes	1977
19790081674	Conceptual design of closed Brayton cycle for coal-fired power generation	1977
19790081677	High-speed flywheels as possible energy storage devices for the future	1977
19790081678	Service life tests of thermionic converters	1977
19790081679	Trends of development of power and energy metering and control by using electronic methods	1977
19790081682	Adverse weather test range development	1977
19790081687	The effect of high-frequency noise on man	1977
19790081697	Development trends in computer memory technology	1977
19790081698	Legal protection of computer software: An industrial survey	1977
19790081741	Approximate determination of the radius of the core of an attached vortex replacing a wing	1977
19790081744	Reducing the drag of a plane half-wedge shape body	1977
19790081764	The 20/200 channel ILS/MLS receiver	1977
19790081770	Aerodynamic derivations of longitudinal motion of an entire aircraft	1977
19790081773	Stick-model characterization of the natural frequencies and natural modes of the aircraft	1977
19790081779	Helicopter cost data source book	1977
19790081782	Qualification test procedure for canopy removal system	1977
19790081789	Modular avionics packaging concept study	1977
19790081798	Development of composite external components for advanced gas turbine engines	1977
19790081814	Polaris evaluation program, phase 2	1977
19790081823	Surface-to-air missile model. Volume 1: Analyst's manual	1977
19790081824	Surface-to-air missile model. Volume 2: User's manual	1977
19790081836	Manufacturing methods for standard process scale-up of fineweave carbon-carbon composite billets, volume 1	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081837	Manufacturing methods for standard process scale-up of fineweave carbon-carbon composite billets. volume 2: Appendices	1977
19790081839	Design criteria for carbon-carbon composites	1977
19790081847	Vehicle bodies of glass-resin composites	1977
19790081859	Advanced manufacturing methods for high quality, low cost titanium powder production	1977
19790081860	Isothermal forging beta titanium	1977
19790081861	Isothermal forging beta titanium	1977
19790081866	Evaluation of new molding compound for AVX on PNs 10180326 and 10180327	1977
19790081875	Estimating impulses in detonation waves in explosives with inert filler	1977
19790081890	Electronically agile radar design analysis	1977
19790081891	EMP penetration handbook on apertures/cable shields/connectors/skin panels	1977
19790081892	An application of symmetrization to EMP penetration through apertures	1977
19790081894	Device for transmitting time signals and coded information on current time in the form of television signals	1977
19790081905	Video buffer memory study	1977
19790081906	Radar millimeter backscatter measurements. Volume 1: Snow and vegetation	1977
19790081910	Forward looking advanced multimode radar (FLAMR). Volume 7: Operational software description	1977
19790081912	Glass-like semiconductors in devices which register optical images	1977
19790081915	Reliability engineering test report on diodes, switch, silicon lead-axial	1977
19790081920	On the theory of conducting gratings and their applications to optics	1977
19790081922	Device evaluation test report on microelectronic circuits, digital, monolithic, flip-flop, transistor-transistor logic, dual-in-line ceramic	1977
19790081923	Reliability verification test report on capacitor, fixed, metalized polycarbonate film	1977
19790081924	Reliability verification test report on capacitor, solid tantalum	1977
19790081925	Reliability verification test, capacitor, fixed, ceramic	1977
19790081930	Microcircuit, digital, full adder, 4 bit binary, fast carry request number 69	1977
19790081933	Transistor combinatorial techniques	1977
19790081937	Integrated circuit, linear, operational amplifier	1977
19790081941	The three-dimensional Shock And Pressure (3DSAP) approximate flow field technique. Volume 1: Engineering analysis	1977
19790081942	The three-Dimensional Shock And Pressure (3DSAP) approximate flow field technique. Volume 2: User's guide	1977
19790081951	General-purpose spectroradiometer	1977
19790081961	Increasing stability of resonator perimeter of gas ring laser	1977
19790081963	Kiton Red S lifetime studies	1977
19790081969	All system safety support	1977
19790081970	Experimental investigation of battlefied aerosols pertinent to high energy laser propagation	1977
19790081973	Plasma arc welding	1977
19790081974	Plasma arc welding	1977
19790081978	Development of a technique for welding annular joints of large containers made of high-strength hardening steels	1977
19790081981	Relaxed manufacturing design tolerance concepts. Volume 1: Discussion and summary	1977
19790081982	Relaxed manufacturing design tolerance concepts. Volume 2: Appendices	1977
19790081984	Verification of production hole quality, volume 1	1977
19790081986	Verification of production hole quality, volume 2	1977
19790081987	Parts reliability program requirements. General baseline document	1977
19790081996	Cycles for electric energy conversion from low-temperature energy sources	1977
19790081998	Energy characteristics of two-stage low- and average-temperature thermocouple type solar generator	1977
19790081999	MHD-generator research and related Hungarian plasma diagnostic studies	1977
19790082010	Advanced environmental control system, volume 1	1977
19790082012	CMU-21/P anti-exposure suit, MOD B-2	1977
19790082017	General description of small digital computer Setun-70	1977
19790082026	Test report on light filter (insert)	1977
19790082069	Digital guidance computer	1977
19790082071	Aerodynamic synergistics of air launched vehicles. Volume 1: Executive summary (U)	1977
19790082072	Aerodynamic synergistics of air launched vehicles. Volume 2: Systems analysis (U)	1977
19790082080	Surveillance: Navy stockpiled standard primary cartridge set, M399	1977
19790082113	Evaluation of existing US Marine Corps helicopter vulnerability assessment (U)	1977
19790082132	High temperature combustor for advanced engines, supplement 1 (U)	1977
19790082147	Validation of the HAWK analytic simulation (U)	1977
19790082187	Manufacturing process for 3-dimensional woven pitch based graphite fiber preform	1977
19790082188	Brittle fracture in thermoplastic structural foams	1977
19790082190	Erosion mechanisms program. Volume 7: Erosion modeling summary report (U)	1977
19790082191	Development of carbon-carbon reentry vehicle shell structures (U)	1977
19790082192	Material response to high speed ice erosion (U)	1977
19790082194	The properties of aluminum electrodes covered with electrochemically active oxide films	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082196	Corrosion suppression on rutile anodes by high-energy redox reactions on general technical data, compatibility of materials	1977
19790082205	Studies of intermolecular interactions in transition metal complexes	1977
19790082207	A new induction grain oriented 3% silicon-iron	1977
19790082210	Alternate IR dome hardening (U)	1977
19790082211	SYEP plasticizer	1977
19790082220	Verification of production hole quality	1977
19790082222	Investigation of the effect of magnetically-treated water on properties of concretes	1977
19790082270	Improved processing for instrumentation-radar data (U)	1977
19790082275	Forward Looking Advanced Multimode Radar (FLAMR) monopulse angle processor and test results (U)	1977
19790082278	Forward Looking Advanced Multimode Radar (FLAMR). Volume 1: Program summary and system description (U)	1977
19790082279	Forward Looking Advanced Multimode Radar (FLAMR). Volume 3: Moving target experiment and analysis (U)	1977
19790082280	Forward Looking Advanced Multimode Radar (FLAMR). Volume 5: Signal-to-noise experiments (U)	1977
19790082281	Forward Looking Advanced Multimode Radar (FLAMR). Volume 8: Motion compensation design study (U)	1977
19790082285	Forward Looking Advanced Multimode Radar (FLAMR). Volume 6: SAR data precision study (U)	1977
19790082286	Radar millimeter backscatter measurements. Volume 2: Target signatures (U)	1977
19790082292	Forward Looking Advanced Multimode radar (FLAMR). Volume 2: Doppler-supervised navigation evaluation (U)	1977
19790082297	Switch, air flow sensing, request no. 77	1977
19790082301	SEM quality assurance activity test report on modules, analog, NOC	1977
19790082302	SEM quality assurance activity test report on modules, oscillator	1977
19790082305	Simple high voltage limiter circuit	1977
19790082310	Report of test on 10 volts precision reference type MN9380 (MN2000H/B), number 112	1977
19790082313	Evaluation of drawing 3203152 on fuses and circuit protective devices, circuit breaker, magnetic, 1.1A-10A	1977
19790082323	Manufacturing methods and technology (MM and T) measure for fabrication of thin film aluminum oxide (AL ₂ O ₃) ion barrier 18mm microchannel plates (U)	1977
19790082330	Air blast instrumentation concepts for underground nuclear cavity tests and high-pressure simulation tests	1977
19790082337	Adaptive controlled laser drill inspection	1977
19790082341	Optimization of long life laser device	1977
19790082342	Flashlamp improvement	1977
19790082345	Advanced target acquisition and hand-off experiments (U)	1977
19790082349	Mobile Test Unit (MTU) high energy laser feasibility test bed. Volume 2: Introduction to hardware/functional discussions, the vehicle module, and the laser module (U)	1977
19790082364	Fastener preload indicator	1977
19790082366	Fastener preload indicator	1977
19790082430	Preliminary bamm data management plan	1977
19790082431	Efficiency of low-output thermionic converters	1977
19790082435	Clear and cloud-free lines-of-sight from aircraft (addendum) (U)	1977
19790082453	Advanced power source development program, BLACKJACK 4 (U)	1977
19790082462	Forward looking infrared (FLIR). Volume 2: Tank infrared elbow (TIRE) acceptance tests (U)	1977
19790082470	Online searching of bibliographic data bases - the role of the search intermediary	1977
19790082489	Climatic laboratory evaluation Utility Tactical Transport Aircraft (UTTAS). Boeing Vertol YUH-61A ground test vehicle	1977
19790082490	Test and evaluation of CAIR 3 IRCM system for F-4 aircraft	1977
19790082514	Erosion mechanisms program. Volume 9: Summary of dynamic property testing in support of erosion model development	1977
19790082521	SLBM signature modification during broach (U)	1977
19790082527	ARPA/STO program (U)	1977
19790082559	Erosion mechanisms program. Volume 8: Erosion model applications (U)	1977
19790082563	Effects of fatigue crack front geometry and crystallography on the fracture toughness of Ti-6Al-4V alloy	1977
19790082567	Constant strain rate studies on stainless steel in high temperature aqueous environments	1977
19790082568	Modeling of localized deformation in neutron irradiated zircaloy-2	1977
19790082580	BAC 1-11 low pressure fuel system and component performance tests with an anti-misting fuel (FM9) at ground level ambient conditions	1977
19790082607	SYEP plasticizer	1977
19790082614	Computer Aided Manufacturing (CAM) architecture: Task 3. Sheet metal fabrication technology	1977
19790082615	An experimental investigatio of the static stability characteristics of the L/B = 5.00 SES model	1977
19790082628	The concept of frequency separation in life prediction for time-dependent fatigue	1977
19790082630	Bistatic data collection	1977
19790082633	Engine cavity RCS: Test results, volume 2 (U)	1977
19790082636	Recognition set AN/ASX-2A (TRISAT) requirements change optimization program (U)	1977
19790082638	Engine cavity RCS, volume 1 (U)	1977
19790082639	Engine face RCS, volume 3 (U)	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082640	Advanced radar flight test analysis. Volume 2: Analysis summary (U)	1977
19790082641	Independent evaluation report for DT/OT III of AN/APR-39 (V)1 radar warning receiver (U)	1977
19790082644	Forward looking advanced multimode radar (FLAMR). Volume 4: SAR electronic countermeasures experiments (U)	1977
19790082662	High speed antenna scanning program (U)	1977
19790082663	Development of a modular CW receiver (U)	1977
19790082673	Filter - acceptance inspection report - group B and C	1977
19790082674	SEM quality assurance activity test report on modules, relay	1977
19790082676	Relay, armature, 2PDT, magnetic latching TO-5 case, low level to 1.0 amperes	1977
19790082685	Control of the spark gap switch by irradiation	1977
19790082688	Capacitor, ceramic, cylindrical	1977
19790082691	DC to DC converters for thermionic generators	1977
19790082694	Partial qualification - initial on connectors, electrical, plug only, audio and power, removable, nonsolder type, rectangular, fireproof	1977
19790082696	SEM quality assurance activity test report on modules, analog, NOC	1977
19790082697	SEM quality assurance activity test report on modules, oscillator	1977
19790082707	Reproducible growth of Ca La soap Nd laser crystals	1977
19790082765	Advanced electro-optical guidance technology study (U)	1977
19790082767	Selected point optical tracking (U)	1977
19790082768	Long range optical system study 2 (U)	1977
19790082776	Advanced structural design for fighter composite wing box	1977
19790082778	Low cost processes for manufacture of Oxide Dispersion Strengthened (ODS) turbine nozzle components	1977
19790082779	Weight optimisation with flutter constraints	1977
19790082785	Theoretical evaluation of advanced composites for missile structural applications	1977
19790082791	Power divider, phase matched (two-way)	1977
19790082794	Running test code of automobiles with gas producer	1977
19790082805	Interactive computer graphics	1977
19790082822	Low cost composite integral wing structure design and manufacture	1977
19790082833	Use of mini-RPVS in a sotas target acquisition and surveillance role. Supplement (U)	1977
19790082849	Trajectory accuracies achievable with various optics and radars (U)	1977
19790082896	Effect of SiC content and orientation on the properties of Si/S iC ceramic composite	1977
19790082897	Hollow microspheres, bubbles	1977
19790082904	Optical communication with two-photon coherent states. Part 1: Quantum state propagation and quantum noise reduction	1977
19790082925	Reliability laboratory analysis report on capacitors, fixed, film, hermetically sealed	1977
19790082926	Transistors, power, general specification for	1977
19790082927	Silicon-controlled avalanche logic	1977
19790082928	A serial to parallel MOS scanner for CID solid state imagers	1977
19790082929	Adaptor, plug-16 pin dual in line	1977
19790082930	Connectors, coaxial, radio frequency, series SMA general specification	1977
19790082931	Filter, Bandpass	1977
19790082940	Pumping considerations of large Nd:Glass lasers by injection lasers	1977
19790082943	AFWL technical objective number 2, advanced radiation technology FY 1979 (U)	1977
19790082946	Expendable laser jammer (U)	1977
19790083033	Review of selected aircraft maintenance programs	1977
19790083038	Aerodynamic characteristics of 2-, 3-, and 4, caliber tangent-ogive cylinders with nose bluntness ratios of 0.00, 0.25, 0.50, and 0.75 at Mach numbers from 0.6 to 4.0	1977
19790083050	An analysis of RPV weapon support mission limitations and data rate requirements	1977
19790083091	Preliminary reports, memoranda and technical notes of the materials research council summer conference	1977
19790083092	Manufacturing methods for composite production integration	1977
19790083093	Manufacturing methods for cutting, machining, and drilling composites	1977
19790083108	Fuels for airbreathing propulsion	1977
19790083125	A general theory of periodic surfaces in stratified dielectric media	1977
19790083131	Evaluation of the Burroughs 3500 CRT enhancement program communications system	1977
19790083132	Low-frequency magnetic field penetration into a cockpit via windshields	1977
19790083139	E-2C advanced antenna array studies	1977
19790083154	SEM quality assurance activity test report on modules, flip-flop	1977
19790083155	SEM quality assurance activity test report on modules, driver and receiver	1977
19790083156	SEM quality assurance activity test report on modules, gate	1977
19790083160	Relay, armature	1977
19790083161	Resistor, fixed wirewound, non-inductive	1977
19790083162	Current transformer assembly	1977
19790083163	Stick-model characterization of the total axial current and linear charge density on the surface of an aircraft subjected to an EMP: Frequency-Domain external-interaction current and charge transfer functions	1977
19790083169	Connector, electrical receptacle	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083171	Filter, low pass	1977
19790083172	RF connector for connectors, electrical, receptacle only, RF, removable, non-solder type, straight round, quick disconnect	1977
19790083173	Filter, bandpass, phase matched, dual unit	1977
19790083175	Electron Bombarded Semiconductor Charge Coupled Device(EBS-CCD) camera tube with gaAs photocathode (proximity focused diode)	1977
19790083176	Protective requirements for electrostatic-sensitive electronics	1977
19790083177	Component development for a 20-MVA superconducting generator	1977
19790083180	A dual-amplifier hot-wire anemometer	1977
19790083185	Advanced Flow Laser (AFL)	1977
19790083189	Linearized theory of two-dimensional nozzle wakes and applications to laser cavity flow	1977
19790083197	Tolerance challenge	1977
19790083207	Advanced nickel-hydrogen battery technology	1977
19790083209	Future trends in electrical energy generation economics in the United States	1977
19790083214	The confrontation between gravitation theory and experiment	1977
19790083219	The origin and nature of protolife	1977
19790083229	Reflex control of acute postural asymmetry and compensatory symmetry after a unilateral vestibular lesion	1977
19790083238	Analytical treatment of hypernetted chain and Percus-Yevick equations for Bosons	1977
19790083240	Meeting of the IRIS Specialty Group on Infrared Detectors, volume 1	1977
19790083248	Available target infrared spectral signature data. A compendium of general dynamics spectral measurement data obtained from 1968 to 1976	1977
19790083258	Post-eclipse phenomena of Io	1977
19790083260	The equation of state of a lunar anorthosite: 60025	1977
19790083264	Search for HD in Jupiter and Saturn	1977
19790083265	Progress report for current funding period	1977
19790083273	TF-15 canopy off test	1977
19790083298	IUS flight software standards and procedures manual	1977
19790083299	Manufacturing methods for shrouded blade and vane fabrication	1977
19790083300	Isothermal forging of blades	1977
19790083301	Low cost processes for manufacture of Oxide Dispersion Strengthened (ODS) turbine nozzle components	1977
19790083307	A simulator study to examine the problems of manual landings in category 3 conditions	1977
19790083308	Summary of the stability, control and flying qualities information for all the -135 series airplanes	1977
19790083309	Roll loop aeroservoelasticity in the time domain	1977
19790083312	Roughness criteria for bomb damage repair of airfield pavements	1977
19790083319	Scoring of simulated air-launched weapons during mobile sea range phase 4 (SEATEC) exercises, volume 1	1977
19790083321	Endo homing technology ground test program. Volume 2: Wind tunnel flow field interaction tests	1977
19790083335	High-pressure hot-pressing of silicon nitride powders	1977
19790083337	Fretting fatigue in a quasi-isotropic graphite/epoxy composite	1977
19790083340	Moisture sorption properties of epoxy-graphite composites	1977
19790083347	Metallurgical and nondestructive analysis of the 90 percent W - 7 percent Ni-3 percent Fe alloy kinetic energy	1977
19790083355	Material engineering test report-polyurethane adhesive for glass to metal application	1977
19790083356	Development of production of nonwoven materials	1977
19790083387	Analysis of EMP penetration through skin panel joints	1977
19790083401	Brassboard fiber optic Time Division Multiplexed (TOM) cable system. Volume 2: Component and system approaches and analysis	1977
19790083402	Joint Operation Planning System (JOPS) movement requirements generator (MRG), users manuals, change 3	1977
19790083406	Transistor amplifier for a radio relay station	1977
19790083411	Low power radiation hardened analog-to-digital converter, volume 3	1977
19790083412	Source control drawing, microcircuit, 256-1 BIT, RAM	1977
19790083413	Device evaluation test report on microelectronic circuits, digital, monolithic, register, dual-in-line, ceramic	1977
19790083414	Reliability verification test report. Microelectronics (integrated) circuits, digital, monolithic, counter, TTL, flatpack, ceramic	1977
19790083415	Reliability verification test report on capacitor, fixed, supermetalized film	1977
19790083416	Connectors, coaxial, SMA series, plugs for semi rigid cable	1977
19790083419	Connectors, coaxial, SMA series, plugs, right angle, for flexible cable	1977
19790083420	Connectors, coaxial, SMA series, plugs for flexible cable	1977
19790083421	Connector, electrical, radio frequency	1977
19790083422	Filter, interference 2439853	1977
19790083423	Kemet T 310 series solid tantalum capacitors: Quality assurance test 772UC	1977
19790083424	All tantalum, wet-anode, hermetically sealed capacitors	1977
19790083426	A 90 deg sweep right angle adaptor-SMA plug SMA jack	1977
19790083427	Capacitor fixed AC	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083428	Connectors, electrical, single test point, for 1/8 in. printed wiring boards	1977
19790083429	Inductor fixed toroidal, radio frequency	1977
19790083430	Blower, centrifugal - 680 CFM	1977
19790083431	Receptacle, wire crimp type	1977
19790083432	Information storage device using surface diodes	1977
19790083433	Trends in integrated electronics and microprocessor technology	1977
19790083434	New techniques for current and voltage measurement on power transmission lines	1977
19790083435	Capacitor, feed through radio-interference reduction	1977
19790083436	Connector, electrical, module interface plug with cable clamp	1977
19790083437	Reliability verification test report - Filter, electrical, low pass	1977
19790083438	Reliability verification test report: Transformer, pulse	1977
19790083439	GIDEP Industry Advisory Group survey of counterfeiting of electronic parts	1977
19790083441	Qualification testing of ITT Cannon electric TNC-TNC hermetic connectors	1977
19790083445	Transistor substitute determination for P/N J112, 464606, unit, MA-1 AWCIS	1977
19790083446	Power divider, bite on waveguide and microwave, divider, coaxial	1977
19790083447	Coupler, cable equalizer	1977
19790083448	Filter, harmonic suppression (dual unit, phase tracked)	1977
19790083449	Comparator, phase on waveguide and microwave, detector and detector mounts, coaxial, below 0.7 GHz	1977
19790083450	Power divider, phase matched (four way)	1977
19790083451	Material specification for low outgassing silicone rubber (RTV-566)	1977
19790083452	Connector, electrical receptacle	1977
19790083453	Mixer, down converter	1977
19790083454	Attenuator	1977
19790083455	Connectors, coaxial, radio frequency, series SMA, general specification	1977
19790083456	Coupler, directional (roll-off)	1977
19790083457	Wire, electrical, solderless wrap, polyvinylidene fluoride insulation	1977
19790083458	Coupler, directional	1977
19790083459	Contact, electrical, receptacle, removable, wire-wrap style	1977
19790083460	Terminal board, molded, barrier, screw type-miniature	1977
19790083462	High-repetition rate L-C oscillator	1977
19790083467	Large Eddy transport in a stratified medium	1977
19790083468	Calculation of transient air-flow around an ideal body in two-dimensional geometry	1977
19790083471	Remotely controlled rotary orifice system	1977
19790083472	Calculating the capture coefficients of a sphere at a large Reynolds numbers	1977
19790083474	Antivibration balancing seat for filming from helicopters	1977
19790083475	High temperature testing of tip sensitive probes	1977
19790083481	Calorimeter to measure the 10/6-micrometer absorption of metal substrate mirrors	1977
19790083496	Experimental techniques in fracture mechanics: Evaluation of artificial delaminations	1977
19790083497	Effects of specimen width on fatigue life of graphite/epoxy composites	1977
19790083503	Formation and consumption rates of major energy sources	1977
19790083506	The economy of electrochemical batteries in comparison with standard peak power generators	1977
19790083535	Vestibular compensation: Increased tonic influence of spinal cord on spontaneous vestibular nuclear activity	1977
19790083536	Isolation, identification and quantitation of urinary organic acids	1977
19790083545	Protective clothing for industrial use	1977
19790083546	Operational Test and Evaluation (OT/E) Thermal Flashblindness Protection Device (TFPD) operational test and evaluation	1977
19790083549	An analysis of the Lloyd mirror phenomena under constant velocity gradient conditions with programs for the HP-67/97 calculator	1977
19790083552	Transport of heavy current relativistic electron beam in gas	1977
19790083562	Investigation of relativistic beams of charged particles by means of an ionization luminescence	1977
19790083563	Technology of plasma-arc remelting	1977
19790083565	New synthesis methods for cd asterisk A growth	1977
19790083585	Observations of the Mg 1 and 2 resonance lines in an active region	1977
19790083619	Experimental study of a cavitating arc wing with a finite span	1977
19790083620	Selection of optimal parameters of two-section flap based on test data	1977
19790083621	Effect of wind load on a cylindrical panel	1977
19790083622	Experimental studies on cambered wings at supersonic speeds	1977
19790083623	Determining angles of attack and sideslip by signals from accelerometers installed on board an aircraft	1977
19790083624	Flow about the bottom surface of V-shaped wings in partial load conditions at Mach numbers less than design	1977
19790083626	New Airbus equipment: Striving for ever greater safety	1977
19790083627	Demonstration/verification loading of US Army and US Air Force equipment on DC-10 and B-747 civil reserve air fleet aircraft	1977
19790083633	A contribution to the protection of aircraft and projectiles against the effects of lightning	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083640	Urgent problem of optimizing the conditions of pressurized compartments in aviation	1977
19790083643	Tri-service modular aerial target study volume 1	1977
19790083665	Experimental determination of the nonstationary aerodynamic characteristics of a cascade	1977
19790083674	The stability of the three-dimensional motion of an Aircraft	1977
19790083675	At large angles of attack	1977
19790083676	Pitch-up during deceleration from supersonic to subsonic speed	1977
19790083683	Pattern matcher development study (U)	1977
19790083684	Cosmic bridge above the ocean	1977
19790083688	Guidance of the N rocket	1977
19790083691	Technical test plan for the SATCOM (GAPFILLER) MEECN performance tests (U)	1977
19790083727	Production Prototype test (PPT) of the Stinger guided missile (XFIM-92A) (U)	1977
19790083772	Carbons and other refractory fibrous materials	1977
19790083776	Use of composite materials in airframes	1977
19790083780	Shroud (bumper material) feasibility evaluation (U)	1977
19790083783	The technology of inorganic substances introduction to specialty excerpts	1977
19790083789	Extend CoCrAlY and Pt sputter-deposition technology to provide coatings on FT4 turbine vanes for at-sea evaluation	1977
19790083799	Hydrogen instead of gasoline	1977
19790083802	A processing study of the plastic bonded explosive PBX(AF)-108 modified by TDI and HDI replacements (U)	1977
19790083806	Utilization of the special gas machines in winter conditions	1977
19790083807	Cool storage assessment study	1977
19790083833	JTIDS phase 1 integration study. DD-1423 sequence no. A002	1977
19790083838	International maritime satellite communication organization	1977
19790083839	Emissivity of natural surfaces in the microwave range	1977
19790083840	Communications systems of flight vehicles (selected chapters)	1977
19790083841	An adaptive filter for suppression of clutter with unknown spectrum	1977
19790083842	Communications, technology, and electronics: Selected articles	1977
19790083845	All-Union Scientific Session Devoted to Radio Day (32nd)	1977
19790083856	A digital data network with address-controlled transmission and distribution	1977
19790083858	Equivalent parameters with the transient propagation of a pulse magnetic field in a conductor	1977
19790083864	Boron nitride antenna windows (U)	1977
19790083869	Analysis of radar data for target detection (U)	1977
19790083870	Crystal video millimeter-wave front end (U)	1977
19790083873	Development of high Curie temperature radar absorbing materials (U)	1977
19790083887	Overview of TAC air reconnaissance sensors/systems (U)	1977
19790083891	Dependence of ELF/VLF system performance on atmospheric parameters (U)	1977
19790083908	A simplified method of calculation of inductive storage	1977
19790083910	Technology of the production of integral Microsystems (selected sections)	1977
19790083912	Transistor, NPN, silicon, MIS 14150/57C	1977
19790083913	Current sensor, elevator/retractor motor, MIS 19263	1977
19790083914	Head coil assembly, 10234491	1977
19790083915	Reliability engineering test report: Semiconductor diode	1977
19790083916	High voltage test on squib switches	1977
19790083917	Driver and analog switch, dual	1977
19790083918	Reliability verification test report transformer, power	1977
19790083919	Reliability verification test report resistor, fixed, wirewound, power type	1977
19790083920	Reliability verification test report resistor, fixed, metal film	1977
19790083921	Reliability verification test report resistor, fixed, metal film	1977
19790083922	Reliability verification test report resistor, fixed, film type	1977
19790083923	Reliability verification test report. Resistor, fixed metal	1977
19790083924	Reliability verification test report resistor, fixed, metal oxide film	1977
19790083925	Reliability verification test report. Resistor, fixed, wirewound, fuse	1977
19790083926	Reliability verification test report on resistor, fixed, wirewound fuse	1977
19790083927	Study method for a superconductive induction alternator	1977
19790083928	Evaluation test report on power supplies, electrical, rotating, 109-240 volts, alternators, audio frequency NOC, 100-1000 watts	1977
19790083929	Choke, dual 10234314	1977
19790083930	Power rectifier, fast recovery JANTX 1N4942	1977
19790083931	SEM quality assurance activity test report	1977
19790083932	SEM quality assurance activity test report	1977
19790083933	SEM quality assurance activity test report on modules, amplifier	1977
19790083934	SEM quality assurance activity test report on modules, switch	1977
19790083935	Band 1 SP7T RF switch	1977
19790083936	Amplifier, IF	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083937	IF amplifier, 154	1977
19790083938	Switch, RF, SP2T	1977
19790083939	Switch RF (DP3T) 141	1977
19790083940	Microcircuit, digital, divide by 5/6 prescaler	1977
19790083941	Integrated circuit, 4-line-to-16-line decoder/multiplexer	1977
19790083942	High E/A Q-switch	1977
19790083944	Amplifier, log IF, double unit, phase tracked	1977
19790083945	Switch, RF (DPDT)	1977
19790083946	Band 2, SP9T RF switch	1977
19790083947	Silicon rectifier diode - JANTX1N645	1977
19790083954	Air blast data from height-of-burst studies in Canada, HOB 45.4 to 144.5 feet, volume 2	1977
19790083956	The flow pattern in an exit diffuser with porous blowing-in	1977
19790083958	Plates falling at angle onto surface of compressible fluid	1977
19790083963	Probability characteristics of the Cardan error of a directional gyroscope	1977
19790083965	High speed digitizer (U)	1977
19790083968	Lasers in technology	1977
19790083969	Triggering of high voltage spark gaps with laser light	1977
19790083998	Mobile Test Unit (MTU) high energy laser feasibility test bed. Volume 13: MTU system testing (U)	1977
19790084002	Machine building (selected articles)	1977
19790084003	Forging and stamping(selected articles)	1977
19790084005	Die for cutting parts out of sheet material	1977
19790084006	Milling machine tool	1977
19790084007	High performance centrifugal compressors	1977
19790084009	SEM quality assurance activity test report	1977
19790084010	Non-classical combined problems of elasticity theory: Selected chapters	1977
19790084017	The laser and the cloud	1977
19790084018	Radiative transfer model for remote sensing of suspended sediments in water	1977
19790084019	Oil and gas. Problems and forecasts, part 1	1977
19790084020	Oil and gas. Problems and forecasts, part 2	1977
19790084021	Aspects of the behaviour of the nickel-cadmium battery system after ageing	1977
19790084024	Human exposure to lead from motor vehicle emissions	1977
19790084028	Solving the inverse problem of geometric seismic surveying for horizontally-heterogeneous mediums	1977
19790084032	Energy distribution of secondary electrons in the upper atmosphere	1977
19790084036	Practical application of data on solar activity to weather forecasts	1977
19790084038	The effect of initial information accuracy on numerical forecasts of meteorological elements by the non-adiabatic baroclinic hemisphere model of the the atmosphere according to the complete hydrothermodynamic equations	1977
19790084039	Some results of simultaneous aircraft measurements of the radio brightness temperature and microstructure of precipitation during the period of conducting the Atlantic tropic experiment	1977
19790084043	Problems in bionics, selected articles	1977
19790084051	Clothing for the Baykal-Amur trunk line	1977
19790084056	Use of computers in aircraft	1977
19790084057	Robotron (selected parts)	1977
19790084059	Reliability engineering test report: 8-bit shift register	1977
19790084061	Estimating rounding error of multiplication results in modeling digital filters on computer	1977
19790084064	Application of the laws of electro-magnetism to study of gratings	1977
19790084066	The effect of surface waves of finite amplitude on the transmission of hydroacoustical signals	1977
19790084073	Effective cross sections for indium excitation by electron impact	1977
19790084074	Thermal explosion during focusing of electron beam on metal surface	1977
19790084077	Effect of chromatic aberrations on the field of view of an IR radiometer	1977
19790084080	Refractive index determination of thin films by transmission Nomarski differential interference contrast microscopy	1977
19790084096	Experimental complex of the high-current linear accelerator of meson-producing cyclotron	1977
19790084098	Metallic hydrogen	1977
19790084099	High-pressure physics and metallic hydrogen	1977
19790084100	Metallic hydrogen and superconductivity	1977
19790084102	Reliability verification test report on semiconductor, transistor, power, NPN silicon	1977
19790084124	Interference on axisymmetric bodies in subsonic flow	1977
19790084126	A simple, inviscid model for the roll-up of a non-circular jet from a tapered nacelle	1977
19790084131	Approximate methods of calculation of overall aerodynamic characteristics of two-cone flexible wings	1977
19790084141	The influence of configuration on RV aerodynamics, volume 2	1977
19790084149	Preliminary hazard analysis of B-1 weapon delivery system	1977
19790084150	Operating hazard analysis: B-1 avionics DSG	1977
19790084164	Fuel tank fire-explosion computer model: A comprehensive simulation of the interactions between fragments or incendiary projectiles, and aircraft fuel tanks	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084175	Windshield technology demonstrator program: Detail design options study. Windshield CASD computer printout	1977
19790084190	Test results for the autorotational performance demonstration of the K747-003 improved main rotor blade installed on a YAH-1R/S helicopter	1977
19790084191	F-18 parts control board: Organization, policies and procedures	1977
19790084192	At Marignane, Aerospatiale prepares the helicopters of the future	1977
19790084201	Climatic laboratory evaluation: Utility Tactical Transport Aircraft System (UTTAS), Sikorsky YUH-60A ground test vehicle	1977
19790084214	Reducing the acoustic treatment exposure temperature in a dry cooled augments during F-14A operation	1977
19790084217	Demonstration of ceramic design methodology for a ceramic combustor liner	1977
19790084252	Communication satellites after ten years	1977
19790084254	Failure summary report, TRIDENT-1	1977
19790084255	Failure summary report, TRIDENT 1	1977
19790084257	Harpoon Airborne Weapons Corrective Action Program (AWCAP). Volume 14: Active problems	1977
19790084259	Reusable aerodynamic space vehicle life cycle cost study	1977
19790084263	Stabilization of a spaceship's rotational motion	1977
19790084282	Insulating molding materials based on asbestos fiber and furan resin	1977
19790084283	Strategic Missile Materials Technology (SMMT) program. Fabrication of 3-D carbon-carbon composites	1977
19790084294	Surface cluster functions	1977
19790084298	The catalyzed reaction of graphite with water vapor	1977
19790084299	Semiconductors for photoelectrolysis	1977
19790084302	About the probability density of reactive species, fluctuations in a turbulent combustion: A theoretical, study	1977
19790084304	Separation of small additives of alkali metals from a supersaturated and saturated vapor-gas mixture	1977
19790084310	Integrity of solder joints on some PWB assemblies	1977
19790084313	The effect of temperature cycling on rupture strength of a tantalum carbide strengthened cobalt base eutectic	1977
19790084314	The effect of sulfur and boron content on the magnetic properties of high induction grain-oriented silicon-iron	1977
19790084315	Coating diffusion paths in the NiCrAl	1977
19790084316	Cadmium embrittlement of zircaloy-2	1977
19790084322	Vacuum discharges and surface microstructure	1977
19790084323	The aluminization of nickel-base superalloys	1977
19790084324	Protective coatings for superalloys and the use of phase diagrams	1977
19790084350	Mechanistic aspects of crazing and cracking of polymers in aggressive environments	1977
19790084351	Dynamic impact response behavior of polymeric materials	1977
19790084389	Use of FVV aerosol filters	1977
19790084390	Plants machines and apparatus of cryogenic technology chapters 1, 3, 5, and 7	1977
19790084429	Radio wave propagation in an underground wadeduct	1977
19790084430	Fundamentals of radio communication radio broadcasting and radiorelay lines (section 7/16)	1977
19790084431	Rural radio communication: Its needs and concerns	1977
19790084433	The FLAMR SAR data bank	1977
19790084439	Range only correlation feasibility demonstration, volume 1	1977
19790084440	AN/AWN-87 equipment development replacement for AN/AUM-15 test set	1977
19790084443	A way to evaluate the effects of a changing magnetic field on shielded conductors	1977
19790084454	Integrated communications network (RITA)	1977
19790084455	Same frequency repeating system	1977
19790084456	Electromagnetic compatibility and electrical bonding test report, AH-1S helicopter	1977
19790084473	Scanning electron beam mask generation system for integrated circuit production	1977
19790084475	Transformer, oscillator 10234290	1977
19790084476	SEM quality assurance activity test report on modules, switch	1977
19790084477	Results of shelf life story program for the OKW1837 high power expendable TWT	1977
19790084478	Relationship between stability of polymer electrets and value of specific electrical conductivity	1977
19790084479	Manufacturing technology for Charge-Coupled Device (CCD) memory arrays	1977
19790084482	SEM quality assurance activity test report on modules, inverter	1977
19790084483	SEM quality assurance activity test on modules, composites, NOC	1977
19790084484	SEM quality assurance activity test report on modules, arithmetic operator	1977
19790084485	SEM quality assurance activity test report	1977
19790084486	SEM quality assurance activity test report	1977
19790084487	Connectors, coaxial, SMA series, adaptor, flange mounted, receptacle, request number 79	1977
19790084488	Cable HF RG 142B/U, modified, decreased attenuation, request number 81	1977
19790084489	Factors determining forward voltage drop and forward blocking in the Field Terminated Diode FTD	1977
19790084490	Accurate calculations of the forward drop and power dissipation in thyristors	1977
19790084491	A guideline on transient overvoltages in low-voltage AC power circuits	1977
19790084492	Charge Injection Device (CID) hadamard focal plane processor for mage bandwidth compression	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084493	Transfer function of a single-phase control led-current inverter with purely inductive load	1977
19790084494	Transistors, bipolar, general specification for semiconductor, transistor	1977
19790084495	Integrated circuit, RAM	1977
19790084496	Electrostatic discharge damage to integrated circuits	1977
19790084497	SEM quality assurance activity test report on modules, electronic, amplifier	1977
19790084498	Qualification of four bit D/A converters	1977
19790084499	Dragon program. Pilot lot inspection report for the Control Signals Computer (CSC)	1977
19790084500	Reactor, regulator, 10234322, CTCTS 0220	1977
19790084501	Crystal oscillator	1977
19790084502	Oscillator, crystal, 16 MHz	1977
19790084507	Evaluation test, command input circuit, 1617944-001, 1617944-002	1977
19790084508	Device evaluation test report on microelectronic circuits, digital, monolithic, multivibrator, dual-in-line, ceramic	1977
19790084509	The role of metal overlayers on gallium phosphide photoelectrodes	1977
19790084510	Radio interference filters: Quality assurance test summary	1977
19790084511	Radio interference filters: Quality assurance test summary	1977
19790084512	Radio interference filters: Quality assurance test summary	1977
19790084513	Radio interference filters: Quality assurance test summary	1977
19790084514	Radio interference filters: Quality assurance test summary	1977
19790084515	Radio interference filters: Quality assurance test summary	1977
19790084516	Radio interference filters: Quality assurance test summary	1977
19790084517	SEM quality assurance activity test report	1977
19790084518	SEM quality assurance activity test report	1977
19790084519	SEM quality assurance test report	1977
19790084520	SEM quality assurance activity test report	1977
19790084522	Reliability verification test report Capacitor, plastic mylar	1977
19790084523	Qualification, electrical test of 2N5322 transistor 1391-278-1	1977
19790084525	Coupler, directional, request number 105	1977
19790084526	Fundamental investigations of the problems encountered in increasing the power capability of vacuum interruptions	1977
19790084527	SEM quality assurance activity test report, generator function	1977
19790084528	SEM quality assurance activity test report on modules composite, NOC	1977
19790084529	SEM quality assurance activity test report on modules, composite NOC	1977
19790084530	SEM quality assurance activity test report on modules, gate	1977
19790084531	SEM quality assurance activity test report on modules, flip-flop	1977
19790084532	SEM quality assurance activity test report on modules, inverter	1977
19790084533	SEM quality assurance activity test report on modules, gate	1977
19790084534	SEM quality assurance activity test report on modules, memory	1977
19790084535	SEM quality assurance activity test report on modules, digital register	1977
19790084536	SEM quality assurance activity test report on modules. Capacitor-resistor	1977
19790084537	SEM quality assurance activity test report on modules, inverter	1977
19790084538	SEM quality assurance activity test report on modules, inverter	1977
19790084539	Reliability verification test report: Capacitor, fixed, liquid electrolyte, tantalum	1977
19790084546	Hybrid microcircuit, command input circuit	1977
19790084548	Device evaluation test report on semiconductors, diode, reference, alloy, diffused, epitaxial, lead-axial	1977
19790084549	Reliability verification test report semiconductor device, transistor, beam lead, PNP, general purpose	1977
19790084551	Device evaluation test report on semiconductors, diode, reference, alloy, diffused, epitaxial, lead-axial	1977
19790084552	Reliability verification test report - microelectronic (integrated) circuits, digital, monolithic, flip flop, TTL, flatrack, ceramic	1977
19790084554	Isolator, request no. 113	1977
19790084555	SEM quality assurance activity test report on modules, electronic, resistor array	1977
19790084556	SEM quality assurance activity test report on modules, electronic, arithmetic operator	1977
19790084557	SEM quality assurance activity test report on modules, electronic, capacitor array	1977
19790084558	SEM quality assurance activity test report on modules, electronic, analog, NOC	1977
19790084559	SEM quality assurance activity test report on modules, electronic, analog, NOC	1977
19790084560	SEM quality assurance activity test report on modules, electronic, resistor array	1977
19790084561	SEM quality assurance activity test report on modules, electronics, gate	1977
19790084562	SEM quality assurance activity test report on modules, electronic, arithmetic operator	1977
19790084563	Integrated circuit, quad D-type flip-flop, tri state	1977
19790084564	Microcircuit, digital, decoder/demultiplexer, dual, 2-line-to-4-line	1977
19790084565	Integrated circuit, dual J-K positive-edge-triggered flip-flops with preset and clear	1977
19790084566	Connectors, coaxial, SMA series, receivable bulkhead mounting, semi-ried cable	1977
19790084567	Socket, relay for MS25321 relays	1977
19790084568	Keying (polarizing) bushing and pins, request no. 119	1977
19790084578	SEM quality assurance activity test report	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084579	SEM quality assurance activity test report	1977
19790084582	Transformer audio	1977
19790084583	Evaluation of Delco NPN silicon power transistor to GE drawing 7541506	1977
19790084584	Diode, silicon, voltage regulator JANTX 1N2845B	1977
19790084586	Temperature, vibration test of plasma display	1977
19790084587	Component engineering test report, phototransistor	1977
19790084588	Thuristor optrons in high-voltage protection devices	1977
19790084590	Low power CMOS/SOS frequently synthesizer module	1977
19790084591	Reliability engineering test report on capacitive devices, fixed capacitor, ceramic, molded, lead mount	1977
19790084592	Oscillator, YIG, with driver	1977
19790084593	Variable frequency crystal oscillator	1977
19790084595	Bulletin of the Siberian Department of the Academy of Sciences of the USSR, technical science series, selected articles	1977
19790084598	Applied gas dynamics: Selected portions	1977
19790084599	Radiator and flow control assembly test report	1977
19790084615	A device for the recording and analysis of signals	1977
19790084616	Metallize slurry viscometer	1977
19790084630	Surface rippling induced by surface-tension gradients during laser surface melting and alloyings	1977
19790084658	Forging and stamping (selected articles)	1977
19790084659	Advanced multi-layer drilling, part 1	1977
19790084663	Storage and surveillance plan, C4 integrated valve assembly, revision A	1977
19790084671	F-18 fastener usage policy revision A	1977
19790084683	The theory of stability of elastic equilibrium	1977
19790084701	Batteries, accumulators and fuel cells possibilities of chemical power generation	1977
19790084704	Recent progress in development of sodium-sulfur battery utility application	1977
19790084708	Electrofluidized beds and particulate collection	1977
19790084711	Mapping of integrated radon emanation for detection of long-distance migration of gases within the earth: Techniques and principles	1977
19790084713	Atmospheric electricity in the arctic	1977
19790084723	Numerical methods of the analysis and forecast of meteorological elements (selected articles)	1977
19790084753	Electronic computers of a standardized system, excerpts	1977
19790084754	Integration of programmable pocket calculators into measurement instrument packages	1977
19790084758	A microprocessor based universal interface controller for data acquisition and data management	1977
19790084759	Inspection test of Fairchild 1024-bit fully decoded random access memory	1977
19790084760	Component evaluation report - 12-bit converter	1977
19790084763	Basic data on Soviet serial analog equipment	1977
19790084769	Regression forecasts using simple weights	1977
19790084796	Barrier technique for separate measurement of radon isotopes	1977
19790084806	Studies of x-ray image intensifier output screens	1977
19790084808	Advanced fiber optics system architecture study	1977
19790084832	Surface inspection technique for LSI circuits (dynamic analysis)	1977
19790084833	Manufacturing methods for silicon devices on insulating substrates	1977
19790084835	Manufacturing methods for surface inspection techniques for large scale intergrated circuits	1977
19790084836	The growth of berlinite (AlPO4) and related crystals	1977
19790084838	Liquid crystal phase shifter	1977
19790084842	Thermodynamic properties of metal-water systems at elevated temperatures	1977
19790084866	DINS (Dormant Inertial Navigation System). Phase 1: Survivability and vulnerability (U)	1977
19790084869	Range only correlation feasibility demonstration, volume 2, part 1 (U)	1977
19790084881	Mission completion studies. Volume 4: Aircraft stability, control and displacement (U)	1977
19790084882	Mission completion studies. Volume 3: Simulated nuclear gust testing major airplane structural components (U)	1977
19790084886	Mission completion studies. Volume 2: Vulnerability of aircraft to debris from a surface nuclear burst (U)	1977
19790084887	Mission completion studies. Volume 1: Mission completion methodology (U)	1977
19790084892	Technical report ground acceptance test for improved avionics system for C/VC-140B aircraft	1977
19790084902	Advanced technology compression system phase 3 (U)	1977
19790084913	Advanced simulation research program (U)	1977
19790084916	European Space Agency Geostationary (ESA/GEOS) Satellite: Delta Launch	1977
19790084950	Applications analysis for the utilization of graphite aluminum composites for Navy applications	1977
19790084952	Anisotropic yielding behavior of a fiber-reinforced, directionally solidified eutectic alloy	1977
19790084956	Analytical and experimental thermal response of two composite materials to short duration thermal pulses (U)	1977
19790084960	Transition metal complexes with unusual solid state properties	1977
19790084961	A mechanism for the effect of heat treatment on the accelerated corrosion of zircaloy-4 in high temperature, high pressure steam	1977
19790084968	Quantitative characterization of coatings	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084976	The replacement of TDI and HDI in the plastic-bonded explosive AFX-108 (U)	1977
19790085017	JTIDS functional digital data exchange initial data elements (U)	1977
19790085023	Range-only correlation feasibility demonstration, volume 3 (U)	1977
19790085024	Range-only correlation feasibility demonstration, Volume 2, part 2 (U)	1977
19790085027	JJIDS concept of employment (U)	1977
19790085029	Part review reports on microelectronic circuits, digital, low power Schottky, transistor-transistor logic, adder	1977
19790085030	Part review report on microelectronic circuits, digital, low power Schottky, transistor-transistor logic, shift register	1977
19790085033	Reliability verification test on diodes, switch	1977
19790085034	Reliability verification test report on transistors, low noise, NPN bipolar, silicon	1977
19790085035	Reliability verification test capacitor, fixed, solid electrolyte, tantalum	1977
19790085036	Device evaluation test report, microelectronic circuit, counter	1977
19790085037	Test of bendix 40 KVA generator and voltage regulator	1977
19790085039	Qualification test on transistors, amplifier, NPN, planar, can	1977
19790085043	Local oscillator power divider	1977
19790085045	Transistor, small signal general purpose amplifier and switch	1977
19790085046	Low power Schottky TTL quad 2 input and gate	1977
19790085048	Reliability verification test report relay, magnetic latch	1977
19790085050	A9- to 10-GHz pulsed GaAs field-effect transistor driver amplifier	1977
19790085052	Material engineering report, integrated circuit 2-input NAND, die evaluation	1977
19790085069	Discharge-heated metal vapor laser studies: Improved performance of copper and lead lasers	1977
19790085070	TWT redesign study for EF-111A, band 7 (U)	1977
19790085090	High current solid state power conversion equipment cooling	1977
19790085093	High altitude phenomenology at very late times (U)	1977
19790085112	Development of improved respirator cartridge and canister test methods	1977
19790085120	Preliminary design study for an optical beam director. Added scope to phase 1, volume 1	1977
19790085140	VUV excitation studies of 5D(1) 4F(N-1) to 4F (N) and 4F (N) to 4F (N) transitions of N (D) plus, E (R) 3 plus T (M) 3 plus doped trifluorides	1977
19790085148	Deformation of the flexible skirt of an air cushion vehicle during pressure changes	1977
19790085170	Landing gear and tail bumper structural analysis for the AH-1G tactical helicopter	1977
19790085217	Optimization study of advanced tactical rocket	1977
19790085229	Increasing the corrosion resistance of welds of steel VNS2	1977
19790085230	Evaluation of the effect of electroless-nickel plating on the fatigue properties of steel parts and aluminum parts	1977
19790085262	Investigation of special techniques related to satellite communications. Volume 3: Appendices	1977
19790085267	Prediction of color television picture quality	1977
19790085274	Resistor, fixed, wirewound, non-destructive	1977
19790085279	Transistor, PNP, silicon, high voltage power	1977
19790085280	Transistor, PNP silicon, medium power	1977
19790085285	CMOS design checklist	1977
19790085286	Source control drawing-microcircuit, operational amplifier	1977
19790085287	Evaluation of Texas instruments 64-bit static schottky ttl random access memory (54S289)	1977
19790085291	Microcircuit, digital, low power Schottky, transistor-transistor logic, function generator	1977
19790085292	Transistor, diode and microcircuit step stress testing program, appendix 08	1977
19790085293	Transistor, diode and microcircuit step stress testing program, appendix 16	1977
19790085294	Transistor, diode and microcircuit step stress testing program, appendix 15	1977
19790085295	Transistor, diode and microcircuit step stress testing program, appendix 13	1977
19790085296	Component qualification report-integrated circuit, NOR gate	1977
19790085297	Integrated circuit, operational amplifier	1977
19790085306	Early experiments of charge transfer of thin conductors and the BRL detection system	1977
19790085312	Source control drawing - microcircuit, operational amplifier	1977
19790085313	Reliability Verification Test (RVT)	1977
19790085424	Human reaction to prolonged centripetal accelerations (plus G sub Z) of small values	1977
19790085426	Robotron 4200-small efficient computer for solving business and scientific-technical problems	1977
19790085435	CCD photosensor array development program	1977
19790085477	Development of two underseat energy absorbers for application to cashworthy passenger seats for general aviation aircraft	1977
19790085512	AQM-37B airframe study	1977
19790085528	AAH study report, supplement	1977
19790085529	AH-64 AAH concept formulation study	1977
19790085563	Reliability engineering test report: Hex inverter	1977
19790085578	Storage and surveillance plan, C4 third stage eject motor	1977
19790085605	Investigation of effects of electromagnetic energy on advanced composite aircraft structures and their associated avionic/electrical equipment, phase 2, volume 1	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085611	NAVORD weapon specification, silica powder	1977
19790085618	Are modern textiles in competition with conventional materials?	1977
19790085649	Delay line, lumped constant	1977
19790085650	Converter, single side band	1977
19790085670	Part review report on microelectronic circuits, digital, low power Schottky, transistor-transistor logic, adder	1977
19790085673	Reliability verification test report on resistive devices, resistor, fixed, wirewound, power	1977
19790085675	Integrated circuit, MOS word x 4	1977
19790085676	Reliability verification test report on transistors, field effect, N-channel, metal oxide semiconductor, power generation	1977
19790085680	Integrated circuit, hybrid, spin motor power preamp and logic	1977
19790085686	Reliability verification test (RVT) - diode, zener	1977
19790085689	Transistor, PNP, silicon, darlington, power	1977
19790085691	Transistor, silicon, PNP, medium power	1977
19790085693	Reliability verification test report: Diode, rectifier, RVT 5148	1977
19790085695	Printed circuit boards produced per mil-p-55640	1977
19790085703	Part review report - hex D-type flip-flops with clear	1977
19790085704	Part review report: Hex d-type flip-flops with clear	1977
19790085705	Part review report: Hex d-type flip-flops with clear	1977
19790085706	Part review request on microelectronic circuits, digital, multiplexer/selection, low power schottky, transistor-transistor logic, dual-in-line	1977
19790085707	Part review: Microcircuit, digital low power Shottky, transistor-transistor logic, function generator	1977
19790085723	Production assessment test report, A3TK PAT 2	1977
19790085726	Dynamic two-dimensional computer simulation of three-terminal semiconductor devices	1977
19790085750	Pressure transducer (fluid)	1977
19790085756	Investigation of the influence of stagnation zones on multiple pulse laser beams	1977
19790085757	Laser dye stability. Part 3: Bicyclic dyes in ethanol	1977
19790085799	Inductive energy accumulator	1977
19790085801	Effect of G.E. O/W separator system on statistical distribution of oil concentration data	1977
19790085802	Extreme-value approach to analysis of oil/water separator data from the viewpoint of averaging times	1977
19790085811	Instrumentation development of full range humidity measurement system	1977
19790085831	Adaptive Control and Learning Processes (ACALP): Software test and evaluation report, revision 1	1977
19790085832	Adaptive Control and Learning Processes (ACALP): Software test bed user's manual, revision 1	1977
19790085847	Wiener spectra data analysis for infrared background modeling	1977
19790085852	AFWL/Optics optical degradation by aerodynamic boundary layers	1977
19790085862	A model for the current-voltage curve of photoexcited semiconductor electrodes	1977
19790085902	Flight Propulsion Control Coupling (FPCC) and dynamic interaction investigation, phase 3	1977
19790085939	Ten-year surveillance program	1977
19790085962	Intermetallic compounds: Their past and promise	1977
19790085963	Intergranular failure in steel: The role of grain boundary composition	1977
19790085968	Low temperature sensitization of type 304 stainless steel	1977
19790085969	Grain oriented silicon-iron with a unique inhibition system for texture development	1977
19790085971	Stress rupture evaluations of high temperature structural materials	1977
19790085972	G sub Ic instability and mixed mode crack propagation in polycarbonate at room temperature	1977
19790086024	ZnO varistors for transient protection	1977
19790086033	A field effect transistor modified for use as a sensor of ions in solution	1977
19790086036	Reliability verification test report: Transformer, pulse	1977
19790086047	A new reflective dichroic liquid crystal display device	1977
19790086050	Analytical laser/material interaction investigations. Volume 1: Theory	1977
19790086061	Product Assurance Briefs	1977
19790086062	Product assurance briefs	1977
19790086096	Creation of artificial disturbances in the upper atmospheres with the help of MR-12 meteorological research rockets	1977
19790086118	A study of application of optics to C3 systems. Volume 2: Visual displays	1977
19790086125	Solid state power technology, 1977	1977
19790086126	The influence of crystal structure and of microstructure on some properties of polycrystalline beta-alumina	1977
19790086127	Annealing of irradiation-induced defects in arsenic-doped silicon	1977
19790086165	The effects of streamline curvature on Reynolds analogy	1977
19790086190	Maneuvering strategies for optimal evasion of a proportionally navigated missile	1977
19790086222	Shuttle launched spacecraft economic analysis. Volume 2: Technical appendixes. Part 2, appendix A: Costing documentation review abstracts	1977
19790086223	Shuttle launched spacecraft economic analysis. Volume 2: Technical appendixes. Part 2, appendix B: SAMSO 2	1977
19790086224	Shuttle launched spacecraft economic analysis. Volume 2: Technical appendixes. Part 2, appendix C: Syncmetsat life-cycle cost data parametric design, baseline designs, and point design	1977
19790086243	The effect of cooling rate on the hot-cracking of cord castings	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086244	Excess sub-surface swelling produced by Ni ion bombardment	1977
19790086245	Effects of alloy composition on void swelling	1977
19790086246	Moessbauer effect study of 475 C embrittlement of '475 deg C embrittlement' of duplex and ferritic stainless steels	1977
19790086249	The effect of SO ₂ and NaCl on high-temperature hot corrosion	1977
19790086253	Stress corrosion resistance of high strength steel plating systems	1977
19790086255	Experimental studies of injection-mold filling	1977
19790086291	Qualification test of IC	1977
19790086292	Microcircuit manufacturing and control handbook. Volume 1: A guide to failure analysis and process control	1977
19790086296	Reliability verification test relay, magnetic latch	1977
19790086297	Mechanisms for current emission from insulator-metal interfaces on arc electrodes	1977
19790086305	Reliability verification test report semiconductor, transistor, power, npn silicon	1977
19790086306	Reliability verification test report semiconductor, transistor, power, npn, silicon	1977
19790086307	Reliability verification test report semiconductor, transistor, power, NPN, silicon	1977
19790086308	Reliability verification test report inductor, fixed, encapsulated	1977
19790086309	Reliability verification test report - resistor, hermetically sealed, fixed metal film	1977
19790086310	Reliability verification test report capacitor, fixed, ceramic	1977
19790086315	Circuit malfunction analysis on microelectronic circuits	1977
19790086321	JAN transistor and diode characterization test program	1977
19790086322	JAN transistor and diode characterization test program	1977
19790086323	JAN transistor and diode characterization test program	1977
19790086324	JAN transistor and diode characterization test program	1977
19790086325	JAN transistor and diode characterization test program	1977
19790086326	JAN transistor and diode characterization test program	1977
19790086327	JAN transistor and diode characterization test program	1977
19790086328	JAN transistor and diode characterization test program	1977
19790086329	Circuit malfunction analysis on microelectronic circuits, linear	1977
19790086330	Circuit malfunction analysis on microelectronic circuits, memory, random access	1977
19790086334	Microcircuits, linear, voltage regulator, monolithic silicon	1977
19790086340	Microcircuit, operational amplifier, high speed FET, hybrid	1977
19790086357	The dynamics of thin liquid films in rotating tubes: Approximate analysis	1977
19790086373	High-power laser thermonuclear installation Delfin	1977
19790086380	Reliability engineering test report	1977
19790086381	Prediction limits for the last failure time of a (log) normal sample from early failures	1977
19790086382	Fault tree analysis using bit manipulation	1977
19790086383	Confidence limits for reliabilities of (log) normal life distributions from small, singly censored samples and best linear unbiased estimates	1977
19790086385	On the use of 2D isoparametric elements for calculations in the fully plastic range	1977
19790086409	Evaluation of helicopter pilots workload by inflight recordings of heart rate frequency and variability	1977
19790086420	Estimation of correlation functions and spectra from randomly sampled data	1977
19790086438	Measurement of carrier lifetime profiles in diffused layers of semiconductors	1977
19790086442	The detection of fra mauro basalts in the linear highlands by remote spectral reflectance techniques and implications for crustal stratigraphy	1977
19790086522	Radio rangefinding	1977
19790086526	A new approach to carrier air traffic control (U)	1977
19790086530	Results of El Centro NPTR flight demonstration for US Navy STAR, Phase 3	1977
19790086539	HH-53B/C dynamic component fatigue life evaluation for Air Force operational mission spectra	1977
19790086548	Tactical expendable drone system enhancement of fighter-bomber effectiveness (U)	1977
19790086552	A comparative analysis of USAF fixed-wing aircraft losses in Southeast Asia combat (U)	1977
19790086588	Tow Light Antitank (TLAT) battalion field evaluation	1977
19790086637	Current (FY 1977) issues regarding the DOD use of the space transportation system (U)	1977
19790086642	Development of an in situ composite alloy for high pressure turbine blades	1977
19790086652	A microstructural study of the crystallization of the amorphous alloy Ni ₄₀ Fe ₄₀ P ₁₄ B ₆	1977
19790086677	Design and evaluation of two hydrodynamically and structurally optimized foil sections	1977
19790086688	Safeguard-EMP/RFI lessons learned. Volume 1, chapters 1-5: Site EMP simulation tests	1977
19790086716	Power capacitors	1977
19790086717	Diode, silicon, rectifier, JANTXV 1N645-1	1977
19790086718	Evaluation of TRW, NPN silicon power transistors to GE drawing 7536417	1977
19790086721	Resistor, variable	1977
19790086722	Relay electromagnetic	1977
19790086735	Pulse train separator	1977
19790086736	Circuit malfunction analysis on microelectronic circuits	1977
19790086737	Circuit malfunction analysis on memory, random access. Microelectronic circuits	1977
19790086738	Circuit malfunction analysis on microelectronic circuits, linear	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086739	Circuit malfunction analysis on amplifier, operational	1977
19790086744	JAN transistor and diode characterization test program	1977
19790086746	JAN transistor and diode characterization test program	1977
19790086747	JAN transistor and diode characterization test program	1977
19790086748	JAN transistor and diode characterization test program	1977
19790086754	SEM quality assurance activity test report on modules, electronic, multiplexer	1977
19790086757	Qualification test of IC	1977
19790086800	Qualification test report: Cable assembly, umbilical, 45 degree	1977
19790086873	Development of optical systems hardening techniques (U)	1977
19790086887	Procedures for participation in the government: Industry data exchange program	1977
19790086891	Mars: Near-infrared spectral reflectance and compositional implication	1977
19790086894	Mars: Surface mineralogy from reflectance spectra	1977
19790086900	Technical Operating Report (TOR) post flight systems evaluation	1977
19790086943	Develop and demonstrate manufacturing processes for fabricating graphite filament reinforced polyimide (Gr/Pi) composite structural elements	1977
19790086982	RF chain study ECM cost reduction techniques (U)	1977
19790086993	Octave band ics antenna (U)	1977
19790086998	Joint Tactical Information Distribution System (JTIDS). Standard symbology phase 1. Cockpit display presentation formats and flight test symbol set. Part 2. Appendix C: Display formats and symbol set (U)	1977
19790087018	Circuit malfunction analysis on microelectronic circuits, digital, transistor-transistor logic	1977
19790087019	Circuit malfunction analysis on microelectronic circuits, flat	1977
19790087020	Circuit malfunction analysis on microelectronic circuits, memory, random access, P-channel mos, dual-in-line, ceramic	1977
19790087021	Circuit malfunction analysis on transistors, NPN bipolar, silicon, can	1977
19790087022	Circuit malfunction analysis on microelectronic circuits, linear, amplifier, operational, can, metal	1977
19790087023	Circuit malfunction analysis on microelectronic circuits	1977
19790087024	Circuit malfunction analysis on microelectronic circuits, transistor-transistor logic	1977
19790087029	Circuit malfunction analysis	1977
19790087037	Reliability engineering test report: Battery, storage	1977
19790087045	SEM quality assurance activity test report	1977
19790087049	Radiation hardening of satellite timers: Radiation test plans and predictions (U)	1977
19790087067	Supersonic continuous wave carbon monoxide laser development. Volume 1: Experimental program (U)	1977
19790087091	Proposed NASA contribution to the climate program	1977
19790087104	Significance of intermittence in experimental exposure to loud sound	1977
19790087213	F-18 preferred parts list, volume 1, revision F	1977
19790087252	Safeguard EMP/RFI hardness program. Volume 2: Site emp simulation tests. Chapters 6-12, appendices a, b, and c	1977
19790087261	JANNAF 10th Plume Technology Meeting, volume 1	1977
19790087262	Rocket engine exhaust plume gas dynamic and radiation measurements	1977
19790087263	The structure of a rocket plume at simulated flight conditions	1977
19790087264	Laser-Raman diagnostics of rocket plume-air stream turbulent mixing	1977
19790087266	Methodology for evaluation of turbulence models for afterburning rocket and aircraft plumes	1977
19790087267	Unsteady plume modeling for rocket launch	1977
19790087268	Results of the measurements of visible radiance and temperature and number density using Raman scattering in liquid bipropellant engine vacuum plume expansions	1977
19790087269	rocket engine injector induced exit plane property distributions diagnosed by infrared emission/absorption	1977
19790087270	Preliminary assessment of combustion/nozzle flow codes with Titan/Transtage nozzle exit measurements	1977
19790087271	Multinozzle plume flow fields: Structure and modeling	1977
19790087272	Computational models for the analysis of three-dimensional internal and exhaust plume flowfields	1977
19790087273	A parametric experimental study of solid propellant plumes	1977
19790087274	Eight cm mercury ion thruster subsystem users manual	1977
19790087289	The 14th JANNAF Combustion Meeting, volume 1	1977
19790087290	Measurements of energy exchange between acoustic fields and non-uniform flow fields	1977
19790087291	Effect of propellant surface orientation on the combustion and damping behavior of aluminized propellants	1977
19790087292	Structural damping analysis of a rod-organ pipe model	1977
19790087293	Report of workshop on combustion instability of smokeless propellants	1977
19790087294	Combustion response modeling for composite solid propellants	1977
19790087295	Standard missile boost phase vibration environments defined from static tests on the MK 12 booster	1977
19790087296	Acoustic modeling and combustion instability prediction with FLAP 3	1977
19790087297	Recent investigations of nonlinear combustion instability in solid rocket motors and T-burners using an approximate analytical model	1977
19790087298	Initiation mechanisms of solid rocket propellant detonation	1977
19790087299	Microscopic mechanisms in propellant combustion. The effect of high pressure on rate constants	1977
19790087300	Infrared spectroscopic studies of the mechanism of double-base propellant combustion	1977
19790087301	Summary report on 1977 JANNAF Aluminum Combustion Workshop	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087302	Behavior of aluminum in solid propellant combustion	1977
19790087303	Combustion of aluminized propellants: The influence of pressure and propellant composition on formation of aluminum combustion residue	1977
19790087304	Preliminary examination of the validity of the flame-sheet approximation for aluminum particle combustion modeling	1977
19790087305	Flow field effects on combustion of aluminized propellants	1977
19790087306	Mechanism of combustion of HMK propellants	1977
19790087307	Control of solids distribution 4 - aluminum particle size and Fe2O3 on the burn rate of HTPB propellants	1977
19790087308	A model for solid propellant combustion	1977
19790087309	Modeling the combustion of monopropellants	1977
19790087310	Oxidizer size distribution effects	1977
19790087311	Statistical combustion modeling - the effect of additives	1977
19790087312	Erosive Burning Workshop report	1977
19790087313	An analytical and experimental investigation of the erosive burning of composite propellants	1977
19790087314	Effect of acceleration of the combustion characteristics of a family of low burning rate HTPB propellants	1977
19790087315	Holography of solid propellant combustion	1977
19790087316	Reactive stream impingement mechanisms	1977
19790087317	Identification of important combustion modeling requirements for the JANNAF computer programs	1977
19790087318	Results of verification test case for the standardized distributed energy release computer model	1977
19790087319	Standardized distributed energy release sensitivity analysis featuring the lunar module ascent engine	1977
19790087320	Engine hydraulic stability computer model	1977
19790087321	Effects of nonlinear combustion on the stability of a liquid propellant system	1977
19790087322	Measurement of acoustic driving capabilities of reactive gaseous propellant coaxial injectors	1977
19790087346	Bulletin of the 8th JANNIF Propellant Characterization Meeting	1977
19790087347	Fourier transform infrared spectroscopy applications in aging and propellant characterization	1977
19790087348	Inter laboratory particle size characterization of aluminum powder	1977
19790087349	Improved techniques for analysis of multi-base propellants	1977
19790087352	Analysis of hydrazine and its salts	1977
19790087353	Analysis of nitrocellulose (NC) in polyurethane propellant binders	1977
19790087376	Test report: Diode 1D016-003V-061	1977
19790087377	Integrated circuit, differential current amplifier	1977
19790087382	Inspection report: Female cabled jam nut mount	1977
19790087383	Inspection report: Connector, male uncabled 2 hole mount	1977
19790087384	Inspection report: Male cabled right angle	1977
19790087387	Inspection report: Female cabled 2, hole mount	1977
19790087388	Thermal resistance of microelectronic packages	1977
19790087392	Reliability engineering test report	1977
19790087394	Reliability engineering test report on semiconductor, transistor, general	1977
19790087395	Reliability engineering test report on semiconductor transistor, general purpose, NPN bipolar, silicon, mounted-stud	1977
19790087396	Reliability engineering test report on semiconductor, transistor, general purpose, pnp bipolar, silicon, can	1977
19790087397	Reliability engineering test report on semiconductor, transistor, general-purpose, pnp bipolar, silicon, can	1977
19790087398	Reliability engineering test report on microelectronic circuits, digital, monolithic, buffer, transistor-transistor logic, dual-in-line ceramic	1977
19790087399	Reliability engineering test report on microelectronic circuits, digital monolithic, comparator, transistor-transistor logic, dual-in-line, ceramic	1977
19790087403	Reactor, high voltage, 10234348	1977
19790087406	Missile command specification operational, amplifier, high speed microcircuit	1977
19790087407	Missile command specification transistor	1977
19790087412	Transistor	1977
19790087413	Transformer, power, step-up and step-down	1977
19790087414	Transformer, power, step-down	1977
19790087415	Reliability engineering test report on semiconductors, diode, regulator, silicon, lead-axial	1977
19790087416	Reliability engineering test report on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, dual-in-line, ceramic	1977
19790087417	Reliability engineering test report on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, dual-in-line, ceramic	1977
19790087418	Reliability engineering test report on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, dual-in line, ceramic	1977
19790087419	Reliability engineering test report on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, dual-in-line, ceramic	1977
19790087421	Reliability engineering test report on microelectronic circuit, linear, amplifier, operational, metal, can	1977
19790087422	Reliability engineering test report on diodes, rectifier, silicon, mounted-stud	1977
19790087423	Reliability engineering test report: Quad 2-input nand gates	1977
19790087424	Integrated circuit, 13L microprogram sequencer	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087425	Integrated circuit, CMOS, quad, 2-input NAND gate	1977
19790087426	Integrated circuit, CMOS, quad, exclusive, OR, gate	1977
19790087427	Integrated circuit, 4-bit binary counter	1977
19790087428	Integrated circuit, hybrid, EMA/bite	1977
19790087429	Integrated circuit, hybrid, decoder	1977
19790087432	Part review report: Ceramic capacitors	1977
19790087531	Technology transfer: Transportation	1977
19790087563	Component fatigue test, C-130	1977
19790087567	Advanced Integration Display System (AIDS) application to the Advanced Maritime Patrol Aircraft (AMPA) study	1977
19790087584	A description of the ARA two-dimensional pitch and heave rig and some results from the NACA 0012 wing	1977
19790087589	Interim upper stage mass properties	1977
19790087590	Small rocket sound reduction	1977
19790087639	Bonding and potting using an alumina filled RTV silicone rubber	1977
19790087646	The 14th JANNAF Combustion Meeting, volume 2	1977
19790087647	High pressure burning rates of nitramine propellants	1977
19790087648	Combustion response characteristics of nitramine smokeless propellants	1977
19790087649	Secondary muzzle gas combustion considerations in aircraft cannon	1977
19790087650	Numerical predictions for ignition and flamespreading in a confined ozone/oxygen mixture	1977
19790087651	Workshop Report: Potential solutions to current flame stabilization problems	1977
19790087652	An experimental investigation of ducted, reactive, turbulent jet mixing with recirculation	1977
19790087653	Geometric scaling of sudden expansion burners with air jets upstream of the dump plane	1977
19790087654	Effect of flameholder damage on dump combustor performance	1977
19790087655	Evaluation of thermal models for DC 93-104	1977
19790087656	A high frequency response spectroscopic probe for analysis of combustor flowfields	1977
19790087657	Direct-Connect Test of a Hydrogen-Fueled Three-Strut Injector for an Integrated Modular Scramjet Engine	1977
19790087659	External burning propulsion experiments and analysis	1977
19790087660	Simulation of external burning in a two-dimensional, planar and wind tunnel	1977
19790087661	Combustion behavior of FAFB and FAFSB systems	1977
19790087662	Advanced gas dynamic laser combustion	1977
19790087663	Some results for the combustion of CS ₂ /O ₂ in a laminar mixing layer	1977
19790087664	The combustion development of advanced reactants for chemical laser systems	1977
19790087692	Qualification test report for frangible nut, 3/4 inch, and detonator cartridge, revision A	1977
19790087714	Reliability engineering test report on microelectronic circuits, digital receiver, transistor-transistor, logic, dual-in-line, ceramic	1977
19790087716	Source control drawing, semiconductor device, diode, zener	1977
19790087717	Source control drawing, semiconductor device, diode, bridge rectifier	1977
19790087720	Reliability engineering test report variable RF coil on coils, adjustable, 10-.125 watt, 240-1000 volts	1977
19790087721	Reliability engineering test report on microelectronic circuits, digital, register, transistor-transistor logic, ceramic, dual-in-line	1977
19790087722	An evaluation of the 275-000 series pico fuses for space applications	1977
19790087723	SEM quality assurance activity test report on modules, electronic, digital register	1977
19790087724	SEM quality assurance activity test report on modules, electronic, digital, NOC	1977
19790087725	SEM quality assurance activity test report on modules, electronic, flip-flop	1977
19790087726	SEM quality assurance activity test report on modules, electronic, multiplexer	1977
19790087727	SEM quality assurance activity test report on modules, electronic, gate	1977
19790087728	Amplifier, RF	1977
19790087732	Resolver, electrical, pancake, one speed	1977
19790087742	Transistor, field effect, dual-n-channel silicon junction MIS 14	1977
19790087751	Absorber, radio frequency radiation	1977
19790087757	Transistor, switching, silicon, NPN, medium power	1977
19790087758	Reliability engineering test report on microelectronic circuits, digital, monolithic, multiplexer, transistor-transistor logic dual-in-line, ceramic	1977
19790087760	Reactor, regulator, 10234322	1977
19790087761	Test report on high voltage reactor	1977
19790087763	Integrated circuit, hybrid, operational amplifier, high voltage, high current	1977
19790087764	Integrated circuit, 12 stage ripple counter CMOS	1977
19790087767	Test report for diode Q5498	1977
19790087769	Dual peripheral positive and driver with open collector output	1977
19790087772	Reliability engineering test report on microelectronic circuits, digital, monolithic, inverter, transistor-transistor logic, dual-in-line, ceramic	1977
19790087773	Reliability engineering test report on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, dual-in-line, ceramic	1977
19790087774	Missile command specification microcircuit, digital, Schottky, TTI, 1024 bit program access read/write memory	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087776	Resistor networks	1977
19790087778	Mixer, double balanced (IF)	1977
19790087779	Contact, socket, electrical, high pressure	1977
19790087781	Integrated circuit, digital, low-power Schottky TTL or gate	1977
19790087785	Integrated circuit, digital, TTL, comparator, 5-bit	1977
19790087805	Bibliography of Soviet laser developments, October - December 1976	1977
19790087823	A simple model for the accurate prediction of the performance of residential solar heating systems	1977
19790087832	A brief survey and analysis of human capabilities for detection and recognition of ground targets during airborne search	1977
19790087836	Reliability engineering test report on computers, special purpose	1977
19790087843	Pulse propagation in plasma	1977
19790087873	Water blast sealant removal	1977
19790087874	The effect of surface roughness on zero-lift drag coefficients	1977
19790087875	Verification of magnetic material	1977
19790087879	Test results of a hydraulic subsystem demonstration on a YAH-1R/S helicopter configured with a K747-003 improved main rotor blade	1977
19790087897	Optimal guidance for missiles with airframe dynamics against maneuvering targets	1977
19790087908	JANNAF 10th Plume Technology Meeting volume 2	1977
19790087909	Mission analysis to define plume signature requirements	1977
19790087911	Analysis of Black Brant plumes from radar data	1977
19790087913	Analytical model for predicting r-f amplitude and phase effects of plume	1977
19790087914	Effects of large, absorbing rocket exhaust plumes on rf signals	1977
19790087916	Experimental study of monopropellant hydrazine thruster exhaust	1977
19790087917	Applicability of Empirical Data Currently Used in Predicting Solid Propellant Exhaust Plumes	1977
19790087919	Analysis of Space Shuttle External Aerodynamic Interactions with Reaction Control System Plumes	1977
19790087920	Trident 1 rocket plume-rf interaction measurements	1977
19790087934	Stress rupture testing of silicon carbide at very high temperatures	1977
19790087935	High-temperature stress rupture of polycrystalline ceramics	1977
19790087937	Development test report for propellant line flexible assembly	1977
19790087938	Form, coil, rectangular tubing, glass fabric	1977
19790087949	Qualification test report for frangible nut, 2 inch, and booster cartridge, revision B	1977
19790087963	Poly frequency radar technical report for image quality and stability investigation. Volume 2: Test ranges	1977
19790087969	Diode, rectifier, silicon, JANTX 1N645-1	1977
19790087970	Reliability verification test report on diodes, reference, silicon	1977
19790087971	Temperature-stable MOSFET reference voltage source	1977
19790087973	Integrated circuit, CMOS, hex open drain, N-channel buffers	1977
19790087974	Integrated circuit, hybrid, multiplexer	1977
19790087975	Integrated circuit, hybrid, MUM demodulator	1977
19790087976	Integrated circuit, hybrid, MUM demodulator filter	1977
19790087977	Integrated circuits, hybrid, suspension timing generator	1977
19790087978	Integrated circuit, hybrid, DC reference and preload modulator	1977
19790087979	Integrated circuit, hybrid, synchro DAC	1977
19790087980	Integrated circuit, dual voltage regulator	1977
19790087982	Integrated circuit, quad comparator die	1977
19790087984	Integrated circuit, negative voltage regulator	1977
19790087986	Integrated circuit, hybrid, status, dual	1977
19790087990	Integrated circuit, hex inverter	1977
19790087996	Source control drawing, microcircuit, 256-1 bit, random access memory	1977
19790088000	Integrated circuit, schottky demultiplexer electrical evaluation	1977
19790088001	Connector, receptacle, electrical, socket insert, metal shell, microminiature	1977
19790088002	Contact, electrical, printed circuit, wire hole, solder lug type X	1977
19790088006	Connector, receptacle, electrical, printed circuit, rectangular, wire hole, solder lug, through hole mount	1977
19790088010	Integrated circuit, dual D-type flip flop	1977
19790088015	Integrated circuit, hybrid, modulator	1977
19790088020	SEM quality assurance activity test report on modules, electronics, multiplexer	1977
19790088023	Missile command specification microcircuit, linear, timer monolithic silicon	1977
19790088028	Integrated circuit, CMOS, hex contact bounce eliminator	1977
19790088034	Integrated circuit, hybrid, DAC amplifiers	1977
19790088037	Voltage comparator	1977
19790088044	Meter, time totalizing, miniature, digital, 115V, 400hz	1977
19790088045	Meter, time totalizing, miniature, digital, 115V, 400Hz	1977
19790088085	Moment of inertia calculations made easy	1977
19790088091	An angular momentum approximation for molecular collisions in the presence of intense laser radiation	1977
19790088098	Simultaneous observations of the optical and X-ray periodicity of X Persei	1977
19790088100	NGC5506: An X-ray galaxy	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790088102	Positions of galactic X-ray sources. 1: On the optical identifications of five sources	1977
19800004491	Optical mass memory investigations. Volume 3: Considerations for the development of a DIGIMEM archival optical mass storage system	1977
19800005172	The development of a drag sensing three dimensional turbulent ball probe	1977
19800016137	Proceedings forest and field fuels symposium	1977
19800071485	Final definition and preliminary design study for the initial atmospheric cloud physics laboratory, a spacelab mission payload, volume 2	1977
19800071486	Phase B, Final definition and preliminary design study for the initial atmospheric Cloud Physics Laboratory (ACPL). Part 1: Preliminary design document	1977
19800071487	Phase B, final definition and preliminary design study for the initial Atmospheric Cloud Physics Laboratory (ACPL). A Spacelab mission payload, volume 2. Part 2: Interface control document. Part 3: Contract end item specification	1977
19800071488	Phase B, Final definition and preliminary design study for the initial Atmospheric Cloud Physics Laboratory (ACPL). A Spacelab mission payload, volume 2. Part 4: Program analysis and planning for phase C/D	1977
19800071489	Final definition and preliminary design study for the initial Atmospheric Cloud Physics Laboratory. A Spacelab mission payload, volume 1. Executive summary	1977
19800071522	Shuttle systems weight and performance	1977
19800071523	Shuttle systems weight and performance	1977
19800071524	Shuttle systems weight and performance	1977
19800071525	Shuttle systems weight and performance	1977
19800071526	Shuttle systems weight and performance	1977
19800071527	Shuttle systems weight and performance	1977
19800071528	Shuttle systems weight and performance	1977
19800071529	Shuttle systems weight and performance	1977
19800071530	Shuttle systems weight and performance	1977
19800071531	Shuttle systems weight and performance	1977
19800071532	Shuttle systems weight and performance	1977
19800071604	Design, construction and long life endurance testing of cathode assemblies for use in microwave high-power transmitting tubes	1977
19800071903	NASA/DOE advanced thermionic technology program	1977
19800071907	National transonic facility environmental impact statement, final amendment 1	1977
19800072007	Review of lightning protection technology for tall structures	1977
19800072322	Multi-level adaptive techniques (MLAT) for partial differential equations: Ideas and software	1977
19800072731	Technology application study of a supersonic cruise vehicle	1977
19800073052	Advanced concept studies for supersonic vehicles	1977
19800073340	Fourth international symposium on Automotive Propulsion Systems, volume 5.	1977
19800073380	Moessbauer spectra of kyanite, aquamarine, and cordierite showing intervalence charge transfer	1977
19800073382	Halogen stress corrosion cracking of zircaloy-4	1977
19800073399	Simultaneous ground and satellite reception of whistlers. 2: PL whistlers	1977
19800073444	Auroral structure and dynamics neutral and ionized atmosphere	1977
19800073461	PL whistlers	1977
19800073467	Simultaneous ground and satellite reception of whistlers. 1: Ducted whistlers	1977
19800073472	Research into correlation of ISIS 2 topside sounder and energetic particle data with ground-based magnetometer data to determine the causes of net field-aligned current flow in the Earth's magnetosphere	1977
19800073492	Determination of surface state parameters from surface photovoltage transients	1977
19800073740	Space charge layers	1977
19800074432	Program Evaluator and Tester (PET) users manual	1977
19800074433	JSC Image-100 user's manual	1977
19800075000	Pre-test plan for Gas Temperature Probe (GTP) diagnostic evaluation in the NASA/MSFC Impulse Base Flow Facility (IBFF)	1977
19800075257	Quiet Clean Short-Haul Experimental Engine (QCSEE) Under-The-Wing (UTW) Design Report	1977
19800076845	JAN transistor and diode characterization test program	1977
19800076846	JAN transistor and diode characterization test program	1977
19800076847	JAN transistor and diode characterization test program	1977
19800076944	Technology application study of an advanced supersonic cruise vehicle, phases. Advanced supersonic propulsion studies	1977
19800076955	Advanced supersonic propulsion studies	1977
19800076966	Advanced technology laboratory experiment systems definition. Volume 2: Mission analysis and planning. Part 1: Flight plan, payload 1	1977
19800076977	Advanced Project Support Studies. STDN Link Analysis Handbook. Volume 1: Philosophies of Automated Link Calculations	1977
19800076978	Advanced Project Support Studies. STDN Link Analysis Handbook. Volume 2: Theoretical Considerations for Link Calculations	1977
19800077123	Ballistics survivability test and analysis report	1977
19800077130	Safeguard EMP/RFI hardness program. EMP shield acceptance tests	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077169	Hose, air duct	1977
19800077187	Relay, armature, hermetically sealed, microminiature, SPDT	1977
19800077188	Relay, armature, hermetically sealed, DPDT, 5 Amperes	1977
19800077189	Relay, armature, hermetically sealed, 2PDT, 12 Amp DC	1977
19800077190	Relay, armature, AC-DC-hermetically sealed, miniature	1977
19800077192	Transistors, power, NPN, silicon	1977
19800077197	Integrated circuit, hybrid, logic	1977
19800077198	Integrated circuit, hybrid, power, AC switching	1977
19800077201	Integrated circuit, dual J-K negative edge triggered flip-flop w/preset and clear	1977
19800077202	Integrated circuit, hybrid, servo network	1977
19800077203	Transformer, power, step down, 50 kHz	1977
19800077204	Acceptance, inspection report: Fixed capacitor, chip	1977
19800077206	Test summary, filter	1977
19800077208	Limit stop, mechanical	1977
19800077216	Source impedance effects in the control of inverter-induction motor drives	1977
19800077238	Degradation of GaAs and GaAlAs infrared emitting diodes for fiber-optic applications	1977
19800077240	Location of the norma transient with the HEAO-1 scanning modulation collimator	1977
19800077279	Transformer, oscillator 10234290	1977
19800077283	Connector, receptacle, electrical, socket insert, rectangular	1977
19800077285	Reliability engineering test report on semiconductor, diode, reference, silicon, lead-axial	1977
19800077289	Integrated circuit, hybrid, encoder	1977
19800077290	Integrated circuit, hybrid, calibration, constant storage number 2	1977
19800077291	Integrated circuit, quad bilateral switch, CMOS	1977
19800077292	Integrated circuit, hybrid, precision negative 10 volt reference	1977
19800077293	Integrated circuit, hybrid, sample and hold gap summation	1977
19800077294	Integrated circuit, hybrid, differential amplifier and notch filter	1977
19800077295	Integrated circuit, hybrid, charge amplifier	1977
19800077297	Electrical characterization for linear integrated circuits	1977
19800077298	JAN transistor and diode characterization test program	1977
19800077306	The effects on fatigue life of omitting small loads, large loads and load dwells from a loading spectrum	1977
19800077327	Physiological reactions in an interaction model of behavior	1977
19800077328	Development of criteria and test methods for eye and face protective devices	1977
19800077337	On two new X-ray sources in the SMC and the high luminosities of the Magellanic X-ray Sources	1977
19800077347	Design and testing of a 40 percent thickness-to-chord ratio symmetrical fairing	1977
19800077377	Test results for the structural demonstration of the K747-003 improved main rotor blade on the YAH-1 R/S helicopter	1977
19800077402	Test facilities used for advanced ballistic reentry systems r and d	1977
19800077404	Safegauad EMP/RFI hardness program. Volume 2: EMP Protection Integrity Maintenance tests, Appendixes. B: Preventative PIM events. C: Corrective PIM events. D: Orientation/familiarization. E: Protection Integrity Maintenance (PIM) buried conduit data for MSR collocated missile field and RSL-4 Grand Forks, N. D. safeguard site	1977
19800077447	Advanced composite foil test component tapered box beam	1977
19800077451	Airborne Fire Control Radar System design study (AFCRS)	1977
19800077460	JAN transistor and diode characterization test program	1977
19800077468	Common module engineering design. Volume 1: Test report	1977
19800077473	Transformer, power, step-down	1977
19800077474	Local oscillator multiplier assembly	1977
19800077475	RF coaxial cable	1977
19800077476	Dual tracking regulator	1977
19800077484	Inspection report: Connector, male uncabled 2-hole mount	1977
19800077486	Kemet ceramic capacitors, 7686AH/BH/CH/DH	1977
19800077490	Microcircuit, high reliability, criteria	1977
19800077491	Integrated circuit, A/D converter	1977
19800077492	Integrated circuit, digital, dual clock driver	1977
19800077493	Transistor, silicon, darlington, power, PNP	1977
19800077499	Transistor, NPN, silicon, darlinto, power	1977
19800077502	Integrated circuit, quad, exclusive- or gate, CMOS	1977
19800077503	Reliability verification test report: Filter, electrical, low pass	1977
19800077505	AN/APN-147 sequential timer	1977
19800077510	Integrated circuit, hybrid, 5 amp positive lead switch	1977
19800077511	Integrated circuit, hybrid, 5 amp, negative lead switch	1977
19800077512	Integrated circuit, hybrid, heater, temperature controller	1977
19800077525	Charge coupled and charge injection device performance tradeoffs	1977
19800077534	Capacitor, variable, piston type, trimmer	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077535	Missile command specification microcircuit, digital, TTL, hex bus driver, three state output, monolithic silicon	1977
19800077538	Connector, receptacle, electrical, pin insert, rectangular, rack and panel, environmental, crimp contacts	1977
19800077541	Plate, retaining, electrical connector	1977
19800077542	Determine failure mode in electronic control units	1977
19800077556	Screw, captive, hex socket head, corrosion resistant steel, passivated	1977
19800077558	A lot sensitive sampling plan for compliance testing and acceptance inspection	1977
19800077586	Specialized equipment and capabilities for monitoring the atmosphere with laser spectroscopy	1977
19800077693	Test results: Fatigue tests of the root end and outboard sections of the Improved Main Rotor Blade (IMRB) for the AH-1Q helicopter	1977
19800077706	F-18 mission and operational environment, revision B (U)	1977
19800077760	Safeguard EMP/RFI hardness program. Volume 1: EMP protection integrity maintenance tests. Chapters 1-13 appendix A: EMP/RFI Protection Integrity Maintenance manual, PIM item location tables	1977
19800077761	Safeguard EMP/RFI hardness program. Volume 1: Laboratory EMP tests, chapters 1-5	1977
19800077762	Safeguard EMP/RFI hardness program. Volume 2: Laboratory EMP tests, chapters 6-12	1977
19800077779	Temperature data processing technique, task 3	1977
19800077782	Storage and surveillance plan, thruster assembly	1977
19800077799	Mechanical properties of quartz reinforced polyimide laminates	1977
19800077861	Epoxy resin, radome patching, filled on materials, non-metallic, elastomers, NOC, molded or cast, thermally conductive	1977
19800077891	Near field blockage of an Ultra Low Sidelobe Antenna (ULSA), part 2	1977
19800077915	Reliability verification test report on optoelectronic devices, diode, light emitting, lead-axial, beam	1977
19800077928	Diode, fast recovery, silicon, power rectifier, JANTX 1N5190	1977
19800077929	Transistor, NPN, silicon, MIS 14150/38	1977
19800077931	Connector, coaxial, printed wiring board number 10	1977
19800077933	Capacitor, variable, glass or teflon dielectric	1977
19800077942	Reliability verification test report transformer, power	1977
19800077950	Capacitor, fixed, ceramic dielectric, molded, tubular, axial leads, -55C to 125C	1977
19800077960	Reliability engineering test report on microelectronic circuits, digital, monolithic, flip-flop, transistor-transistor logic, dual-in-line, ceramic	1977
19800077961	Reliability engineering test report on semiconductors, diode, reference, silicon, lead-axial	1977
19800077965	Connector, receptacle, socket contact, for printed wiring boards .075 spacing	1977
19800077967	SEM quality assurance activity test report on modules, electronic, transformer, analog	1977
19800077969	Integrated circuit, Schottky digital electrical evaluation	1977
19800077970	Reliability verification test, capacitor tab lead, chip, fixed, ceramic	1977
19800077971	Reliability verification test report-capacitor: Liquid tantalum	1977
19800077972	Plate, guide pin, male request no. 63	1977
19800077973	Procedure for conformal coating printed circuit boards with PC29M	1977
19800077974	Plate, guide pin, male request no. 64	1977
19800077975	Integrated circuit, linear, operational amplifier for microelectronic circuits, linear, monolithic, amplifier, can, metal, revision D.	1977
19800077976	Transistor, high voltage, NPN	1977
19800077977	Device evaluation test report on microelectronic circuits, digital, digital, monolithic, gate, transistor-transistor logic, dual-in-line, glass	1977
19800077981	Reliability engineering test report - dual J-K flip flop	1977
19800077984	Reliability verification test report on capacitor, fixed, ceramic	1977
19800077985	Insulator, to-66 11568828	1977
19800077986	Diode, silicon, rectifier JANTX 1N645-1	1977
19800077987	Reliability engineering test report on capacitors, variable, piston type tubular trimmer, glass dielectric	1977
19800077988	Reliability engineering test report on semiconductor transistor, switch-logic, small signal, fast, npn bipolar, silicon, can	1977
19800078013	Piston assembly	1977
19800078020	Reliability verification test report hose, low pressure, flexible	1977
19800078021	Dimensional evaluation of tapered fastener systems	1977
19800078080	Bubble memory system applications	1977
19800078081	A 10(12) bit bubble memory system	1977
19800078100	The thermal conductivity of nonmetallic crystals	1977
19800078107	Positions of galactic X-ray sources. 2: 20 deg l(11) 55 deg	1977
19800078120	A theoretical investigation of rotor blade icing on the performance of a Wessex helicopter	1977
19800078201	Bubble phenomenon in polyurethane coating	1977
19800078203	FEP Teflon film, flat, underforated and perforated, aluminized	1977
19800078221	Part review report on microelectronic circuits, digital, low power Schottky, transistor-transistor logic, shift resistor	1977
19800078223	Integrated circuit, externally compensated operational amplifier, revision H	1977
19800078224	Integrated circuit, linear, voltage comparator, revision C	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078225	Integrated circuit, linear, high performance operational amplifier for microelectronic circuits, linear, monolithic, amplifier, can, metal, revision G	1977
19800078226	Integrated circuit, linear, operational amplifier, revision A	1977
19800078227	Diode, rectifier 750 mW	1977
19800078228	Device evaluation test report on microelectronic circuits, digital, monolithic, gate, transistor-transistor logic, dual-in-line, ceramic	1977
19800078234	Oscillator, radio frequency: Yig-tuned, 0172-3-1221	1977
19800078235	Reliability verification test, resistor, fixed, wirewound, high TC	1977
19800078236	Navord product specification: High reliability resistor, network, fixed, film	1977
19800078237	Production assessment test report on resistor, fixed, carbon film, noc, ceramic, .50 - 1 watt	1977
19800078238	Insulator, Transipad 11568842	1977
19800078241	Transformer-rectifier assembly, MIS 19265	1977
19800078242	Diode, silicon, rectifier, JAN-1N645-1	1977
19800078249	Transistor, quad, PNP on semiconductor, transistor, switch-logic, small signal, fast, PNP bipolar, silicon	1977
19800078250	Test report on oscillator transformer	1977
19800078254	JAN transistor and diode characterization test program	1977
19800078269	Service life evaluation program (H038-A2C)	1977
19800078299	Positions of galactic X-ray sources. 6: 320 deg l(11) 340 deg	1977
19800078319	Investigation of landing gear deck obstruction effects by drop testing	1977
19800078333	Polyimide film, flat, unperforated and perforated, aluminized	1977
19800078337	Development test report for helium/propellant flexible line	1977
19800078342	Test report on, TO-99/100 integrated circuits (UAS200V10/11)	1977
19800078345	Thermistor, current limiting, performance specification for resistive devices, thermal, ceramic	1977
19800078346	Thermistor, bead, radial leads	1977
19800078347	Twist capsule assembly, electrical contact, 68 circuit	1977
19800078348	Contact, electrical, size 22, crimp removable	1977
19800078349	Contact, electrical, spring-loaded	1977
19800078350	Ring assembly, electrical contact, 15 circuit	1977
19800078351	Resistor, rod, film, fixed	1977
19800078352	Reliability engineering test report on diode, switch, diffused, silicon, lead-axial	1977
19800078363	Blower, vaneaxial, SM-B-482929	1977
19800078364	Qualification test report for normally open solenoid operated hydraulic shut off valve	1977
19800078406	Positions of galactic X-ray sources. 7: -20 deg l(11) +6	1977
19800078429	Test report for demonstration of the AH-1 improved main rotor blade erosion protection system	1977
19800078437	Operational test and evaluation. Pave Low 3: HH-53 helicopter	1977
19800078473	Structural test results of Antares 2B nozzle insert	1977
19800078483	Advanced composite materials: Processing development of new resins	1977
19800078511	Scout X-258 motor embedded grain inhibitor boot strain measurement test	1977
19800078520	Analysis of sheet metal forming to axisymmetric shapes	1977
19800078558	A model approach to the transient analysis of synchronous machines	1977
19800078559	Resistor, variable, non-wire wound, precision, MIS 19232H	1977
19800078560	Source control drawing, microcircuit, 2048 bit read only memory	1977
19800078565	Connector, receptacle, electrical	1977
19800078566	Resistor network, film, encapsulated	1977
19800078569	Thermistor, wafer, radial leads, epoxy coated	1977
19800078574	Ring assembly, electrical contact, 50 ring	1977
19800078588	Transistor, optically coupled isolator	1977
19800078614	Qualification test and analysis report for model AP27V-7-01, P/N 65111 for use on Rockwell space shuttle aircraft, volume 3	1977
19800078632	Shock-induced microfractures in six terrestrial igneous rocks characterized with differential strain analysis	1977
19800078669	Bidirectional coupler for full duplex transmission on a single fiber	1977
19800078670	Bidirectional coupler for full duplex transmission on a single fiber	1977
19800078689	Evidence for large-scale velocity features on the sun	1977
19800078691	Documentation of wind tunnel test data from the AFFDL F-111 tact 2 force test	1977
19800078820	Historical evaluation of EMP technology in hardening missile systems (U)	1977
19800078860	Heat treatment studies of aluminium alloy type 7050 forgings. Corroded specimen fatigue tests and scc propagation tests	1977
19800078875	One-step synthesis of polynitroaliphatic vinyl ethers: Monomeric precursors to energetic binder application (U)	1977
19800078898	Commercial satellite utilization (U)	1977
19800078912	Evaluation of the AN/ALQ-153(v) tail warning set (flight test phase) (U)	1977
19800078913	Evaluation of the AN/ALQ-154(v) tail warning set (flight test phase) (U)	1977
19800078970	Semiconductor device, fast recovery power diode	1977
19800078972	IF amplifier request number 55	1977
19800078975	Plate, guide pin, female request number 61	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078976	Connector, rack and panel - 120 socket contacts, with two polarization keys	1977
19800078977	Connector, electrical-rectangular plug for 40 and 45 removable socket contacts	1977
19800078978	Connector, coaxial, radio frequency SMA series, jack/terminal flange mounted	1977
19800078979	Board, wire wrap interconnection for 72 sixteen pin dual-in-line packages	1977
19800078980	Tunable request number 52, yig filter	1977
19800078987	High-band millimeter-wave TWT (U)	1977
19800078993	Boundary layer development for BLCS ocean pipe flow experiment	1977
19800079022	Evaluations of sensors for a mobile mast missile system concept demonstration (U)	1977
19800079026	Presentations from the Government and Industry Briefing on Laser Survivability of Space Systems (U)	1977
19800079065	Measures of individual performance: Applications in NBA basketball	1977
19800079070	Reciprocity theories for flaw analysis	1977
19800079263	Alumina ceramic surface cleaning for optimum bonding of resin encapsulant	1977
19800079332	Boundary layer control by suction of a porous body of revolution. NOSC water tunnel tests of January 1977	1977
19800079358	Experimental mechanics: Development of methods for numerical analysis of composite fatigue data	1977
19800079434	Reliable software, an overview	1977
19800079514	Qualification test report shuttle interior light assemblies - Rockwell International P/N MC434-0068-0011	1977
19800079584	Safety analysis report for XFV-12A Tethered Hover test program	1977
19800079586	XFV-12A technology prototype technical data accession list	1977
19800079638	Probability forecasts and mission success indicators	1977
19800079693	Effectiveness of NAVSTAR global positioning system aboard selected Naval ASW/AEW/ASMD aircraft (U)	1977
19800079710	Nonnuclear system response analysis vulnerability data for the B-1 aircraft - "B" MOD kill category	1977
19800079712	Nonnuclear system response analysis vulnerability data for the B-1 aircraft - k kill category	1977
19800079739	Cargo Aircraft Mine Ejector/Launcher (CAMEL) study (U)	1977
19800079755	Advanced ceramic turbine seal system	1977
19800079758	Model 471-11DX engine development (U)	1977
19800079770	AFCS automatic approach ILS mode B-1 performance study	1977
19800079811	Advanced booster control study. Special task report no. 1: Movable nozzle detailed preliminary design (U)	1977
19800079819	Hardened RV development program, phase 4. Alternate carbon-carbon assessment program, task 5. Volume 2: Appendix, data presentation part 1 (U)	1977
19800079820	Deleted record	1977
19800079892	Oscillator, crystal 16 MHz	1977
19800079935	XF-12 research airplane	1977
19800079963	Program shade	1977
19800079990	Polyfrequency radar technical report for image quality and stability investigation. Volume 1: Results (U)	1977
19800079995	Transistor, diode and microcircuit step stress testing program, appendix 2	1977
19800079996	Transistor, diode and microcircuit step stress testing program, appendix 11	1977
19800079997	Transistor, diode and microcircuit step stress testing program, appendix 1	1977
19800079999	Transistor, diode and microcircuit step stress testing program, appendix 4	1977
19800080000	Transistor, diode and microcircuit step stress testing program, appendix 6	1977
19800080001	Transistor, diode and microcircuit step stress testing program, appendix 5	1977
19800080002	Transistor, Diode and microcircuit step stress testing program, appendix 7	1977
19800080003	Transistor, diode and microcircuit step stress testing program, appendix, 12	1977
19800080004	Transistor, diode and microcircuit step stress testing program, appendix 10	1977
19800080005	Transistor, diode and microcircuit step	1977
19800080117	Gamma dose rate test report for subsystem level evaluation of the proximity switch, B-1 program	1977
19800080118	Gamma dose rate test report for subsystem level evaluation of the ice detector; B-1 program	1977
19800080126	Ranking of the B-1 mission essential fuel subsystem components by kill probabilities and kill category. Volume 7: K, A, B, C, E-kill categories	1977
19800080132	A-10 follow-on operational test and evaluation. Test plan, phase 1, annex B (U)	1977
19800080146	Gamma dose rate test report for subsystem level evaluation of the flight instrument signal converter and the Multiplex Interface Module B-1 program	1977
19800080147	Gamma dose rate test report for subsystem level evaluation of the Constant Speed Drive Control Unit (CSDCU), B-1 program	1977
19800080152	Gamma dose rate test report for subsystem level evaluation of the short Range Attack Missile (SRAM) power supply, B-1 program	1977
19800080160	Reentry vehicle dispersion following exoatmospheric intercept (U)	1977
19800080198	Tactical Air Forces concept for tactical applications of space systems (U)	1977
19800080228	Further developments in anisotropic plasticity	1977
19800080229	Low-temperature sensitization of welded 304	1977
19800080232	Continuous cooling sensitization of type 304 stainless steel	1977
19800080285	Gamma dose rate test report for subsystem level evaluation of the PCA relay drivers; B-1 program	1977
19800080296	Reliability engineering test report on microelectronic, circuits, digital, transistor-transistor logic, ceramic, dual-in-line	1977
19800080298	Reliability engineering test report on microelectronic circuit, digital, multiplexer/selector, transistor-transistor logic, ceramic, dual-in-line	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080302	Bus-bar assembly, solderless, clip-on	1977
19800080309	Reliability engineering test report on microelectric circuit, digital line receiver, transistor-transistor logic, dual-in-line, silicon	1977
19800080314	Substrate, beryllia, metallized, electrical circuit	1977
19800080357	The design and fabrication of an on-board oxygen generator, modification kit for development flight testing in an excap EA-6 B	1977
19800080359	System level concurrency control for distributed database systems	1977
19800080396	Gamma dose rate test report for subsystem level evaluation of the fire Detection Alarm Control Unit B-1 program	1977
19800080422	B-1 nuclear certification planning document	1977
19800080535	Transistor, diode and microcircuit step stress testing program, appendix 9	1977
19800080551	Qualification of TRW-IRC fixed film resistor	1977
19800080557	High speed logic packaging using multiwire interconnection technology	1977
19800080571	Evaluation of advanced micro devices schottky, hex, D-type flip-flop	1977
19800080664	B-1 A/C 4 delta to A/C 1, 2 and 3 flight control subsystems critical design review configuration	1977
19800080700	Manufacturing methods for electrosag cast hollows for superalloy rings	1977
19800080740	Oscillator, crystal, voltage controlled, oven stabilized	1977
19800080744	Current-voltage characteristics of ZNo-B1203 heterojunction	1977
19800080761	Compendium of shock wave data. Compendium index	1977
19800080809	Adaptive Control And Learning Processes (ACALP), software test bed maintenance manual	1977
19800080854	Semi-Air Buoyant airship (SAB) survivability, vulnerability and logistic considerations	1977
19800080855	Non-rigid airship (ZPG) survivability, vulnerability and logistic considerations	1977
19800080876	AFTI-111 mission adaptive wing, part A	1977
19800080877	AFTI-111 mission adaptive wing, part A	1977
19800080895	Nuclear Air Loiter (AL(N)) survivability, vulnerability and logistic considerations	1977
19800080896	Air Loiter (AL) survivability, vulnerability and logistic considerations	1977
19800080897	Small CSTOL sea loiter (SLS) survivability, vulnerability and logistic considerations	1977
19800080898	Small VSTOL sea loiter (SLV) survivability, vulnerability and logistic considerations	1977
19800080899	Large CSTOL sea loiter (SLL) survivability, vulnerability and logistic considerations	1977
19800080900	In ground effect cruise combatant WIG (WIGS) survivability, vulnerability and logistic considerations	1977
19800080901	Out of ground effect cruise WIG (WIGO) survivability, vulnerability and logistic considerations	1977
19800080902	In ground effect cruise logistics WIG (WIGH) survivability, vulnerability and logistic considerations	1977
19800081047	qualification test report 39010-1262-76 on coals, fixed, ferromagnetic, encapsulated, 1 microhenry - 1 millihenry	1977
19800081051	Transformer, power, step down, 400 HZ	1977
19800081075	Filter, EMI	1977
19800081104	Manufacturing methods for cutting, machining and drilling composites	1977
19800081112	Container, storage, aluminum alloy	1977
19800081113	Shock and vibration isolation assembly	1977
19800081159	Battery assembly, rechargeable, nickel-cadmium	1977
19800081160	Battery, rechargeable, nickel-cadmium sealed	1977
19800081246	Effects of the B-1 flap/slap system operating at half rate	1977
19800081249	Fully Air Buoyant (FAB) survivability, vulnerability and logistic considerations	1977
19800081287	B-1 material breakdown aircraft 3 and 4 DCPR weight	1977
19800081292	Semi Air Buoyant Vehicle (SABV) parametric analysis and conceptual design study	1977
19800081317	Advanced infrared signature prediction program. Spectral calculation of radiation from a turbine propulsion system as intercepted by an observer SCORPIO-N. Volume 2: Programmers manual	1977
19800081320	Advanced ceramic turbine seal system	1977
19800081321	Advanced ceramic turbine seal system	1977
19800081322	Advanced ceramic turbine seal system	1977
19800081329	Flight control system description	1977
19800081335	Assessment of analytical procedures for calculating structural response of reentry vehicles to impulsive and thermal shock loads	1977
19800081357	Planning purposes proposal, improved methods for assessing quality of composite laminates	1977
19800081362	Chemical mechanisms of material flammability	1977
19800081385	Air propelled air cushion vehicles	1977
19800081386	Study of large ACV skirt design concepts	1977
19800081389	EMP analysis data B-1 air vehicle electronics buried circuit screen - interwiring coupling	1977
19800081390	Radar analysis services. Volume 2B: Synthetic aperture radar change detection model - change detection model	1977
19800081564	Corrosion of carbon steel components of atmosphere conditioning systems	1977
19800081629	Parametric and conceptual design study of fully-buoyant air vehicles	1977
19800081660	AFTI-111 mission adaptive wing, part A	1977
19800081668	Parametric and conceptual design study of small V/STOL sea loiter vehicles	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081670	Advanced Naval Vehicles Concepts Evaluation (ANVCE). small C/STOL sea loiter aircraft. Volume 1: Parametric study	1977
19800081674	Compilation from selected sources of Remotely Piloted Vehicle (RPV) conceptual designs, Addendum B	1977
19800081678	Point design for small c/stol Sea Loiter Aircraft	1977
19800081723	Design of the air-slewed demonstrator missile program. Part 7: Flight control experiments and simulation: Volume 2: Appendices	1977
19800081724	Design of an air slewed demonstrator missile program. Part 7: Flight control experiments and simulation. Volume 1: Experiments and simulation description	1977
19800081736	Study of on-water motion relationships of surface loiter aircraft	1977
19800081744	Space shuttle orbiter main gear tire 44.5X16.0-21/28-PR 84009-1TL-A	1977
19800081772	Evaluation of the heats of ablation and insulation properties of several ablative coatings for rocket motors	1977
19800081787	Space shuttle orbiter nose gear tire 32X8.8/20PR 74009-1TI-B	1977
19800081793	Microstructural instabilities during creep of a 9% Cr 1% Mo steel	1977
19800081795	Studies on the mechanical strength of AISI TYPE 304 stainless steel	1977
19800081817	Catalysis in the combustion of explosives	1977
19800081998	Aminotransferase of tyrosine activity under various stress conditions	1977
19800082024	Navstar global positioning system. Results of joint service field test. Phase 1: Concept validation development test and evaluation, 15 March 1977 - 5 June 1979, volumes 1-21	1977
19800082048	Helicopter transmission improvement study. Helicopter transmission contamination study	1977
19800082137	Arylentesiloxane polymers for use as high-temperature aircraft integral fuel tank sealants. Part 2: Synthesis and properties of alkyl and fluoroalkyl-substituted alkarylenesiloxane monomers and polymers	1977
19800082554	Mission adaptive wing wind tunnel data and analysis LRC-8-762 test (U)	1977
19800082570	E-3A NCS/LCSF development planning error-free navigation equations for the interim information facility	1977
19800082579	AFTI-111 Mission Adaptive Wing (MAW) flight control system variable camber modes (U)	1977
19800082580	AFTI-111 mission adaptive wing part A (U)	1977
19800082581	AFTI-111 mission adaptive wing part A (U)	1977
19800082592	Parametric analysis of a finite element structural model of a fishbed-J wing (U)	1977
19800082595	Ranking of the B-1 mission essential subsystem components by kill probabilities and kill category. Volume 4: B-kill, 344 (U)	1977
19800082600	Ranking of the B-1 mission essential subsystem components by kill probabilities and kill category. Volume 2: K-kill category, 342 (U)	1977
19800082603	Ranking of the B-1 mission essential subsystem components by kill probabilities and kill category. Volume 5: C-kill, 345 (U)	1977
19800082604	Ranking of the B-1 mission essential subsystem components by kill probabilities and kill category. Volume 6: E-kill, 346 (U)	1977
19800082606	B-1 nonnuclear system response analysis (B-kill) (U)	1977
19800082607	B-1 nonnuclear system response analysis (E-kill) (U)	1977
19800082608	B-1 nonnuclear system response analysis (K-kill) (U)	1977
19800082609	B-1 nonnuclear system response analysis (A-kill) (U)	1977
19800082612	Ranking of the B-1 mission essential subsystem components by kill probabilities and kill category. Volume 3: A-kill, 343 (U)	1977
19800082666	Advanced Turbine Engine Gas Generator (ATEGG) program. Industry version, volume 1: Gas generator hardware fabrication and test (U)	1977
19800082690	Design of an air slewed demonstrator missile program final report. Part 4: Pressure distribution	1977
19800082700	Design of an air slewed demonstrator missile program. Part 6: Air slew technology demonstration (U)	1977
19800082752	Material Requirements Definition (MRD) program. Phase 2 report advanced graphite and 223 EWCC nosetip performance (U)	1977
19800082852	SIAM ranging subsystem (U)	1977
19800083162	F-5F stall/post-stall/spin susceptibility test	1977
19800083174	Advanced VP aircraft (AVP) survivability, vulnerability and logistic considerations (U)	1977
19800083201	Advanced Turbine Engine Gas Generator (ATEGG). Volume 1. Level 1 performance. Part 1. Government version (U)	1977
19800083260	Design of the air slewed demonstrator missile program final report. Part 3: Store separation (U)	1977
19800083261	Design of the air slewed demonstrator missile program final report. Part 5: Configuration development (U)	1977
19800083400	Design and analysis of propellant bed permeability test fixture, task 3	1977
19800083507	JAN transistor and diode characterization test program	1977
19800083508	JAN transistor and diode characterization test program	1977
19800083517	JAN transistor and diode characterization test program	1977
19800083518	JAN transistor and diode characterization test program	1977
19800083519	JAN transistor and diode characterization test program	1977
19800083520	JAN transistor and diode characterization test program	1977
19800083521	JAN transistor and diode characterization test program	1977
19800083522	JAN transistor and diode characterization test program on transistors, junction field effect, N-channel metal oxide semiconductor, silicon	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083523	JAN transistor and diode characterization test program on transistors, power, NPN bipolar	1977
19800083524	JAN transistor and diode characterization test program	1977
19800083525	JAN transistor and diode characterization test program	1977
19800083527	JAN transistor and diode characterization test program	1977
19800083635	Gas barrier evaluation program nickel cadmium aircraft batteries	1977
19810024997	A study of the effects of the atmosphere on thematic mapper observations	1977
19810065708	Earth Resources Data Format Control Book, Volume 2, Revision A	1977
19810066057	Earth Resources Data Format Control Book. Volume 1: Revision A	1977
19810067171	The NASTRAN demonstration problem manual, level 17.0	1977
19810067174	The NASTRAN theoretical manual, level 17.0	1977
19810067698	New lines in the Raman spectra of carbons and graphite	1977
19810069802	Research in acetylene containing monomers	1977
19810069861	Topside ionospheric anomaly associated with the magnetospheric cleft in Antarctica during local summer	1977
19810069896	Abstracts of papers submitted to the Eighth Lunar Science Conference, part 1	1977
19810069897	Abstracts of papers submitted to the Eighth Lunar Science Conference, part 2	1977
19810070006	Development of a prototype long-life, auto-activated silver zinc battery for outer planet atmospheric entry probe	1977
19810070482	The thermal conductivity and specific heat of a material designated as MXSA	1977
19810070581	Investigation and evaluation of fracture properties of thin gauge tankage alloys for tug, volume 2	1977
19810071030	Towards fault-tolerant optimal control	1977
19810071088	Control system concepts for a Video inertial pointing system	1977
19810071341	Liquid cooled garment development, volume 1	1977
19810071342	Portable personal cooling system, volume 2	1977
19810071343	Electrochemically regenerable carbon dioxide absorber	1977
19810071410	Study of new solar cycle during the current solar minimum	1977
19810071769	Research on Space Shuttle Telescope and related items	1977
19810071861	Holographic study of bonds and debonds	1977
19810073465	Skylab water balance analysis	1977
19810073908	AMaRV Aerodynamics analyses book 1 (U)	1977
19810073912	AMaRV Aerothermodynamics analysis (U)	1977
19810073933	Tactical Inertial Requirements Analysis (TIPRA) (U)	1977
19810073944	AFIT-111/Boeing pre-design. Volume 1: Mission adaptive wing (U)	1977
19810074041	Tactical expendable drone system study (U)	1977
19810074520	Laboratory evaluation of spread spectrum intercept system (U)	1977
19810074652	TA3B/MFS data collection program (U)	1977
19810075010	Self-Initiated Antiaircraft Missile (SIAM). Phase 2A: Program flight Test Report, Controlled Test Vehicle no. 1 (CTV-1)	1977
19810075180	Analysis of ratscat data (U)	1977
19810075354	Armament, external stores and wing structural analysis. Volume 2. AH-1S production	1977
19810075506	Application of finite element techniques to the stressing and improvement of conformal gearing	1977
19810075846	Microstrip antennas for missile instrumentation systems	1977
19810076107	NASA/DOD memorandum of understanding on management and operation of the space transportation system	1977
19810076337	Test plan for the Sikorsky XH-59(ABC) helicopter radiated noise measurements	1977
19810076503	Radiator and flow control assembly. Test report: Flow control assembly 224GT0050-101 natural environment qualification test	1977
19810076779	Advanced composites serviceability program	1977
19810076923	III-V heterojunction structures for long-wavelength injection laser	1977
19810077035	Performance of WIG(S)	1977
19810077220	A 3-5 heterojunction structures for long-wavelength interjection laser	1977
19810077442	Smokeless motor technology (U)	1977
19810077465	Gyroscope assembly-subminiature, rate integrating	1977
19810078031	F-111/B-1 attack radar system engineering analysis mock-up	1977
19810078148	Army data link alternatives (U)	1977
19810078179	Applications of IR technology	1977
19810078284	Attack Helicopter Instrumented Test (AHIT), phase 1	1977
19810078327	Reusable Aerodynamic Space Vehicle (RASV) system study. Volume 1: Reusable Aerodynamic Space Vehicle Systems Design	1977
19810078383	The effective radii approximation for the capacitance of a body within an enclosure	1977
19810078559	Feasibility assessment of modern Naval airships. Volume 3: Preliminary life cycle cost analysis of candidate Naval airships	1977
19810078745	Vulnerability evaluation for mission equipment, TRE damage screen	1977
19810078779	Environmental and technological uncertainties related to the high altitude powered platform (HAPP) concept	1977
19810079262	Reliability engineering test report on microelectronic circuits, digital, driver, transistor-transistor logic, ceramic, dual-in-line	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810079545	Safety study report of the Marine smoke and illumination signal MK 124 Mod 0	1977
19810079584	JAN transistor and diode characterization test program	1977
19810079617	Beam lead bonding using wobble bonding equipment, general specification for	1977
19810080066	Research in aeronomy	1977
19810080244	Limited evaluation of a 135-mm supersonic rocket system	1977
19810080523	System Identification From Tracking (SIFT). A new technique or handling qualities test and evaluation (initial report)	1977
19810080939	Safety study report of the LUU-4/B rescue flare/HC-130 aircraft flare launcher system	1977
19810081022	Wind measuring accuracy test of meteorological systems	1977
19810081174	Proceedings of the 8th Biennial Guidance Test Symposium: Addendum 1: Inverse Testing for Inertial Navigation Systems, Subsystems, and Components	1977
19810081275	Safety study report of the GBU-15(V)/B modular guided weapon system Aerospace Ground Equipment, supplement 1	1977
19810081354	Safety study report of the MJU-2/B decoy flare	1977
19810081426	Silicon Diode Array (SDA) target development	1977
19810081835	Concept for scoring simulated ordance in a realistic threat environment (U)	1977
19820004620	Desert sand seas	1977
19820004621	Global Tectonics: Some Geologic analyses of observations and photographs from Skylab	1977
19820004622	Geological features of southwestern North America	1977
19820004623	Skylab 4 observations of Volcanoes. Part A: Volcanoes and volcanic landforms. Part B: Summit eruption of Fernandian Caldera, Galapagos Islands, Ecuador	1977
19820004624	The Manicouagan impact structure observed from Skylab	1977
19820004625	Snow-mapping experiment	1977
19820004626	Cultural features imaged and observed from Skylab 4	1977
19820004627	Vegetation patterns	1977
19820004628	Report on Skylab 4 African drought and arid land experiment	1977
19820004630	An assessment of the potential contributions to oceanography from Skylab visual observations and handheld-camera photographs	1977
19820004631	Visual observations of floating ice from Skylab	1977
19820004632	Quantitative analysis of atmospheric pollution phenomena	1977
19820004633	Meteorological lab applications of Skylab handheld-camera photographs	1977
19820004634	Some aspects of tropical storm structure revealed by handheld-camera photographs from space	1977
19820004635	Mesoscale wake clouds in Skylab photographs	1977
19820004636	Mesoscale cloud features observed from Skylab	1977
19820065105	Silica study investigation for reflective heat shield applications	1977
19820065714	Copper-selenide system, P-Type TPM-217	1977
19820065729	Economic analysis and NASA technology program planning	1977
19820065730	Economic analysis and NASA technology program planning, volume 1	1977
19820066019	New calibration and corrections for the VPI&SU stability wind tunnel curved flow test section	1977
19820066020	Calibration of the VPI&SU stability wind tunnel rolling flow test section	1977
19820066890	Advanced composite elevator for Boeing 727 aircraft	1977
19820067159	NASA Tech Brief Program: A cost benefit evaluation	1977
19820067545	STDN network operations procedures for telemetry systems, revision 3	1977
19820068422	Atmospheric ozone depletion: Reduction of photosynthesis and growth of a sensitive higher plant exposed to enhanced uv-B radiation	1977
19820068849	GSFC NAVPAK design specification languages study	1977
19820068851	The Software Engineering Laboratory	1977
19820068873	Proceedings of Second Summer Software Engineering Workshop	1977
19820068877	Metrics for software quality evaluation and prediction	1977
19820069379	Drop charging techniques for use in the the ACPL aboard Spacelab	1977
19820069388	Vapor diffusion in a cloud simulation chamber	1977
19820069390	Orbiter cloud photopolarimeter for the Pioneer Venus mission	1977
19820069477	Experiments on raindrops and cloud electrification, proposed for performance in the ACPL	1977
19820069797	The influence of mechanical supports on the vibrational behavior of electrified and unelectrified water drops	1977
19820070809	A summary of cost benefit studies	1977
19820071224	Reduction and analysis of ATS-6 data	1977
19820071683	The F-16 aerodynamic design data report for incorporation of CCP 5084, ECP 0040 and blunt 370 gallon tanks	1977
19820072197	Low-cost silicon solar array project. Cyclic pressure-load developmental testing of solar panels	1977
19820072210	A program of thermoelectric generator testing and rig degradation evaluation	1977
19820072750	Noninvasive determination of bone stiffness	1977
19820073245	Infrared spectral and radiometric measurements of MK 46-1A and a modified EX 49 decoy flare grain (U)	1977
19820073262	Generation of rectified radar images with adaptive processing in the presence of unknown body motion (U)	1977
19820073487	A comprehensive survey of helmet mounted sight systems of 1977	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820073565	Influence of hydrogen on plastic deformation and fracture of iron, investigated by electron microscopy and auger spectrography	1977
19820073667	Preliminary test report for the slanted cascade diffuser feasibility study	1977
19820073713	Polar weave flywheel design study for demonstration of an inductor motor/alternator flywheel energy storage system	1977
19820075003	Pave tack, RF-4C initial operation test and evaluation	1977
19820075399	Advanced manned airbreathing reconnaissance system (U)	1977
19820075545	Proceedings of the High Power Laser Optical Components and Component Materials Meeting	1977
19820075680	AFTI-111 Mission Adaptive Wing	1977
19820076447	Characterization of threat ASW aircraft and cruise missile acoustic signatures (U)	1977
19820076500	Some observations on the wake component of the velocity profiles of turbulent boundary layers at subsonic and supersonic speeds	1977
19820076737	Non-destructive testing of carbon fibre reinforced composites	1977
19820076871	Design, fabrication, test, and delivery of a thermal control system utilizing variable-conductance heat pipes	1977
19820078049	Automated I&W file generation, volume 1	1977
19820078458	Rapid reaction deployable C3 element system definition. Volume 3: R2DC3 implementation strategy	1977
19820078800	Advanced optical ceramics. Volume 1: Midterm report	1977
19820078949	Fiber Composite-Blast Response Computer program (BRI-FC) FR-1 code modification and test program	1977
19820078994	An analysis of Gaussian models describing the atmospheric transport of low Reynolds number particulates	1977
19820079015	A survey of software practitioners to identify critical factors in the software development process	1977
19820080159	Reduction of acoustic and vibration environment in test cell 58, Kelly AFB	1977
19820080551	US Army Missile Research, Development and Engineering Laboratory posture report, FY76-77	1977
19820080785	Compass clear: WISE (U)	1977
19820081058	Aircraft longitudinal ride bumpiness: An application of statistical discrete gust theory	1977
19820081310	Design and analysis of winglets for the YC-15 AMST prototype aircraft, volume 1	1977
19820081311	Design and analysis of winglets for the YC-15 AMST prototype aircraft, volume 2	1977
19820081469	Electronic camera technology assessment	1977
19820081671	Search and Orbiting Rescue Satellite (SOS) mission definition	1977
19830069146	A review of research on aeronautical fatigue in the United States, 1975 - 1977	1977
19830070467	Compiled data on the vascular aquatic plant program, 1975 - 1977	1977
19830071171	Flow impedance tube calibration	1977
19830071370	Laminar separation in high speed conical flows	1977
19830071371	An investigation of vortex breakdown from the point of view of hydrodynamic stability	1977
19830071388	Review of the TIROS-N data collection system	1977
19830071410	Solar maximum mission structural/thermal model: Thermal balance test results	1977
19830071629	Ozone profile perturbation obtainable from the current profile recovery program	1977
19830071642	Biomedical Applications Division, FY 1978	1977
19830072824	Flight-service for advanced composite rudders on transport aircraft	1977
19830075446	Two-way and three-way Doppler tracking via TDRSS	1977
19830075825	The primary cosmic-ray ratio Fe/(C+O) above several GV/c	1977
19830076971	Technology transfer-transportation	1977
19830077233	Error analyses using differenced one-way doppler measurements from TDRSS	1977
19830077246	Nozzle erosion prediction for DM-2 duty cycle	1977
19830077449	Data processing system to reduce ROCOZ data	1977
19830078279	Design and analysis of winglets for the YC -14 AMST prototype aircraft	1977
19830078408	Teal wing antenna design, volume 1	1977
19830078409	Teal wing antenna design, volume 2	1977
19830078543	Compensated imaging system, volume 2	1977
19830078567	Aerodynamic loads and separation trajectory tests on the ASALM missile with the B-1 aircraft at Mach numbers 0.5 to 1.3	1977
19830079158	Self-consistent statistical geodetic and geophysical error models for land-based ICBMs	1977
19830079928	Surface acoustic wave convolver module development	1977
19830079964	Closed Brayton Laboratory engine program	1977
19830080176	Theory and operation of the Swept Pattern Apparatus for Rotationally Testing Antennas (SPARTA)	1977
19830080447	Periodic changes in the impedance of zirconium in ammonium fluoride solutions accompanying the oscillation of corrosion potential	1977
19830081179	Technical assessment recommendation panels (Project TARP) (U)	1977
19830081214	US Space Launch Systems, revision	1977
19830081219	Post focal plane data processing considerations for the Teal Amber search and detection subsystem	1977
19830081227	Low cost lightweight missile (U)	1977
19830081378	A study of a liquid metal thermal energy source	1977
19830081639	A study of antenna locations on commercial aircraft to meet the microwave landing system requirements	1977
19830081969	Advanced rocket plume radiance measurements program (U)	1977
19830081982	Determining the zirconium content by means of the polarographic reduction of mandelic acid	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830081985	Polarographic determination and selective extraction of niobium by means of alpha-benzoinoxime in the analysis of steel	1977
19830082855	C-5A wing modification program material characterization program 7175-T73511 extrusions, revision A	1977
19830083030	The Detection of Unexecutable Program Paths Through Static Data Flow Analysis	1977
19830083418	Proceedings of the Sixth Annual Tri-Service Meeting for Aircraft Engine Monitoring and Diagnostics	1977
19830083593	Data report of a transonic shock-wave boundary-layer interaction experiment at a Mach numer of 1.44 and 1.46	1977
19830083600	Research program on UV initiated rare gas halide excimer lasers	1977
19830083804	IIR (imaging infrared) maverick joint operational test and evaluation plan	1977
19830083888	An antenna for use in an underground (HFW) radar system	1977
19830084160	A study of a liquid metal thermal energy source	1977
19830084220	Packet radio experimental network	1977
19830084309	Thermal storage heat source	1977
19830084356	Compensated imaging system	1977
19830084510	A study of a liquid metal thermal energy source	1977
19830084582	Surface acoustic wave convolver module development	1977
19830084594	Packet radio experimental network	1977
19830085176	Discrete transform technology	1977
19830085228	Flight control systems and flying qualities evaluation of the YC-15 advanced medium STOL (Short Takeoff and Landing) transport, volume 1	1977
19830085229	Flight control systems and flying qualities evaluation of the YC-15 advanced medium STOL (Short Takeoff and Landing) transport, volume 2	1977
19830085686	Optical absorption: Damage thresholds of optical components of HEL (U)	1977
19840068893	PSCS preliminary system concept and user's requirements analysis	1977
19840069323	Estimates of benefits and costs of measuring polar motion and universal time using very long baseline interferometry and satellite laser ranging	1977
19840069954	Aspects of developing the concept for a PSCS	1977
19840069955	Estimated federal tax return on NASA resaerch and development for space communications fixed communications services	1977
19840070199	Objective parameter estimation and forecasting using satellite radiation measurements	1977
19840070509	Satellites for practical natural resource mapping? A forestry test case	1977
19840071278	Space station systems analysis study, part 2. Senior review board briefing	1977
19840071523	An inventory of Ohio's land use/land cover as seen by Landsat	1977
19840071568	The persistence and condition of Douglas County, Minnesota lakes	1977
19840071854	Highlights of the National Conference of State Legislatures: Legislative Workshop on State Uses of Satellite Remote Sensing no. 3	1977
19840071855	Highlights of the National Conference of State Legislatures' Legislative Workshop on State Uses of Satellite Remote Sensing no. 4	1977
19840071856	Highlights of the National Conference of State Legislatures' Legislative Workshop on State Uses of Satellite Remote sensing no. 5	1977
19840071961	Research and technology report, Fiscal Year 1977	1977
19840072086	Machine processing of LANSAT data: An introduction for anthropologists and archaeologists	1977
19840072087	Remote batch communications	1977
19840072163	The infrared spectrum of BD +30 deg 3639 and possible celestial grain constituents	1977
19840072164	Spectra of late-type stars from 4-8 muon	1977
19840072384	Water Resources Bulletin, volume 13, no. 1. The Great Dismal Swamp: Management of a hydrologic resource with the aid of remote sensing	1977
19840072661	Survey of dwell sounding for VISSR Atmospheric Sounder (VAS)	1977
19840074608	Proceedings of the High Density Alloy Penetrator Materials Conference	1977
19840074661	Packet radio experimental network	1977
19840074662	Adaptive array for upgraded packet radio	1977
19840074802	Real Time Atmospheric Measurement (RTAM)	1977
19840074906	Analytical activities in the field of tactical technology for the Defense Advanced Research Projects Agency (June 20, 1972, through December 31, 1977)	1977
19840075119	Teal Amber 1 sensor system (U)	1977
19840075222	Advanced optics technology report	1977
19840075293	Operational test and evaluation of F-4E number 18 air-to-surface flight simulator. Digital radar landmass simulator (DRLMS). Addendum	1977
19840075947	A study of the formation and penetration of metal jets from tapered liner explosive systems (U)	1977
19840076713	Effects of environment and cathodic protection on low-cycle fatigue crack propagation in HY-130 system metals	1977
19840077737	Advanced space antenna technology program	1977
19840077738	Advanced space antenna technology program: Supplement 1	1977
19840079470	A-10 Follow-on operational test and evaluation. Mission completion success probability	1977
19840080102	A-10A FOT and E (Follow-on Operational Test and Evaluation) phase 1: Data document	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840080104	A-10 Follow-on operational test and evaluation. Phase 1, Annex A: FOT and E sorties	1977
19840080107	A-10A FOT&E (Follow-on Operational Test and Evaluation) phase I operational suitability data document (Logistics assessment)	1977
19840080883	Cap model constitutive equation guided by an energy concept	1977
19840080972	X-wing vehicle design study and composite blade design	1977
19840081166	ASET (Advance Sensor Evaluation and Test) radiant incidence calibration, broadband and narrowband characterization, and review of ASET radiometric calibrations	1977
19840081928	A-10 follow-on operational test and evaluation (FOT/E). Logistics assessment. Annex C: Manpower evaluation (U)	1977
19840081929	A-10A follow-on operational test and evaluation. Phase 1: Operational considerations (U)	1977
19850017880	Programming the digital computer ODRA-1204 in MOST-2 language	1977
19850069218	Certain questions concerning the control and stability of mechanical systems	1977
19850069751	Comparison of modified Vasco X-2 with AISI 9310: Preliminary report	1977
19850070111	Investigations in experimental aerodynamics	1977
19850070133	Wind tunnel performance tests of coannular plug nozzles	1977
19850070569	Research on centimeter laser ranging accuracy to Earth satellites	1977
19850071059	Application of a radiation-type boundary condition to the wave, porous bed problem	1977
19850072220	Effect of low-velocity impact damage on the compressive strength of graphite-epoxy hat-stiffened panels	1977
19850073225	Correlation velocity sensor	1977
19850073357	An aerodynamic comparison between the P-3 Orion and the P-3 EATS (Extended Area Test System) aircraft	1977
19850073379	Initial operational test and evaluation. Advanced aerial refueling boom test plan	1977
19850073775	Data management plan 2R Maverick joint operational test and evaluation	1977
19850075213	Joint test and evaluation of tactical aircraft survivability test design. Volume 1: Main paper	1977
19850076721	Passive aluminum fire protection fire tests of large scale panels	1977
19850077918	Production methods for handling hybrid chips via tape carrier lead frame	1977
19860066304	Wastewater Treatment Utilizing Water Hyacinths (Eichhornia Crassipes) (Mart) Solms	1977
19860066635	The use of LANDSAT digital data and computer implemented techniques for an erosion hazard-reforestation needs assessment	1977
19860066662	Low-Cost Solar Array Project. 8th Project Integration Meeting. Summary	1977
19860066663	Low-Cost Silicon Solar Array Project. 7th Project Integration Meeting. Summary	1977
19860066664	Low-Cost Silicon Solar Array Project. 6th Project Integration Meeting. Summary	1977
19860066665	Low-Cost Silicon Solar Array Project. 5th Project Integration Meeting. Summary	1977
19860067007	Ceramic rotor blade development. Part 1: Ceramic thermal barrier coatings	1977
19860067270	A procedure for detection and measurement of interfaces in remotely acquired data using a digital computer, revision 1	1977
19860067291	The use of Landsat digital data and computer implemented techniques for acreage compilation, inference mapping, theme mapping, change detection and site selection	1977
19860067821	Inlet Workshop	1977
19860067822	Douglas' subsonic inlet design approach	1977
19860067823	Solution of the complete potential equation for transonic flow about axisymmetric inlets at angle of attack	1977
19860067824	Inlet design by optimization	1977
19860067825	Application of the streamtube curvature program to low speed inlet design analysis	1977
19860067826	Inlet separation prediction	1977
19860067827	Parametric analytical study of VTOL inlets	1977
19860067828	Tilt nacelle inlet for V/STOL aircraft	1977
19860067829	V/STOL lift-fan inlets	1977
19860067830	Aerodynamic and acoustic performance of a scoop inlet	1977
19860067831	Correlation of inlet separation bounds	1977
19860067832	Correlation of separated flow distortion	1977
19860067833	Methods used at Douglas Aircraft for supersonic inlet design and airframe integration	1977
19860067834	Internal supersonic flow	1977
19860067835	Interaction analysis of viscous flow in supersonic inlets	1977
19860067836	Analysis of the flow field in a supersonic inlet at angle of attack by the three-dimensional method of characteristics	1977
19860067837	Angle of attack effects on axisymmetric inlet design	1977
19860067838	Terminal Normal Shock Bleed System	1977
19860067840	Interactive bleed system design for high speed inlets	1977
19860067841	Inlet bleed requirements and predictions	1977
19860067842	Use of New Technology for Supersonic Diffuser System Design	1977
19860067843	Analysis of compressible three dimensional viscous duct flows	1977
19860067844	Application of computer analysis to the design and testing of subsonic diffusers	1977
19860067845	High-flow inlets	1977
19860067846	Inlet operating flow field of the YF-12 aircraft and effects of this flow field on inlet performance	1977
19860067847	Correlation technique for predicting installed aft-mounted inlet performance	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19860067848	Auxiliary airflow system for mixed compression axisymmetric inlets	1977
19860067850	Investigation of normal shock inlets for highly maneuverable aircraft	1977
19860067851	Over wing inlets for supersonic penetrator vehicles	1977
19860067852	Advanced inlet concepts for high angle of attack operation for a fuselage-shielded inlet configuration	1977
19860067853	Inlet/airframe interactions and performance characteristics at transonic maneuvering conditions	1977
19860067854	Control of strong shock/boundary layer interaction by blowing	1977
19860067855	Experimental results for a normal shock inlet with active diffusion control	1977
19860067856	Navy research and development on inlets for supersonic missiles	1977
19860067857	A flush-mounted inlet concept for the harpoon missile	1977
19860067858	Characteristics of a top-mounted inlet for a subsonic cruise missile	1977
19860067859	Technique for determining inlet forces and inlet airframe interactions on the F-15 aircraft	1977
19860067860	Inlet flow-field simulation for transonic maneuvering aircraft in a wind tunnel	1977
19860067861	Subsonic diffuser design procedure	1977
19860067862	A 3-D viscous duct flow prediction procedure	1977
19860068588	Utility tactical transport aircraft system synthetic flight training system. BLACK HAWK. Device 2B38. Trainer configuration report. Volume 1. OFT	1977
19860071640	Position navigation (POS/NAV) systems phase one results	1977
19860072026	Compressors for heat pumps: Research and test benches	1977
19870067367	Robustness and Stability Aspects of Stochastic Multivariable Feedback System Design	1977
19870067432	Space station systems analysis study: Space manufacturing (task 4.5)	1977
19870067439	Development plan for space manufacturing of high coercive strength magnets	1977
19870067528	Significant NASA inventions. Available for licensing in foreign countries	1977
19870069045	Automated library system for the Joint Tactical Information Distribution System (JTIDS) Program at NOSC (computer programs for cataloging and retrieving JTIDS documents are presented together with a permuted JTIDS bibliography)	1977
19880068288	Effects of continuous and cyclic thermal exposures on boron- and boric-reinforced 6061 aluminum composites	1977
19880069593	JPL activities	1977
19880072594	Structural design loads data book. Volume 1: Baseline vehicle and missions	1977
19880072601	Structural design loads data book. Volume 4: Solid rocket booster structural loads	1977
19880072604	Structural design loads data book. Volume 5: Main propulsion test article loads	1977
19880073952	AFTI-15 predesign and preliminary development of DFCS and HAC. Volume 1: Technical proposal	1977
19890068953	Finite element methods for problems in dynamic elasticity	1977
19890068958	A microprocessor based display controller	1977
19890068959	Raster scan conversion using concurrent microprocessors	1977
19890068968	On multigrid convergence in the indefinite case	1977
19890068969	Raster-scan hidden surface algorithm techniques	1977
19890068980	On mixed finite element methods. Part 2: The least squares method	1977
19890068981	On mixed finite element methods. Part 1: The Kelvin principle	1977
19890068982	On the use of coordinate stretching in the numerical computation of high frequency scattering	1977
19890069007	Variational methods for underwater acoustic problems	1977
19890069040	Finite element methods for nonlinear shell analysis	1977
19890069059	Theory of spectral methods for mixed initial-boundary value problems, part 2	1977
19890071720	The shielding method for noise source location and a review of alternative methods	1977
19900066165	Study of fuel systems for LH2-fueled subsonic transport aircraft	1977
19900066205	Aerial applications technology program planning document	1977
19900066288	Analysis of least-squares attitude determination routine DOAOP	1977
19900066320	Evaluation of ephemeris representations for Tracking and Data Relay Satellite System (TDRSS) spacecraft	1977
19900066456	A turbojet-boosted two-stage-to-orbit space transportation system design study	1977
19900066515	Evacuated load-bearing high performance insulation study	1977
19900066526	CEIG: Complex eigensolver	1977
19900066599	NASA Standard Spacecraft Computer (NSSC-2): Principles of operation	1977
19900066663	Design criteria for controlling stress corrosion cracking	1977
19900066666	Initial phase of study of lightning transients on buried cables	1977
19900066762	Fire protection risk analysis	1977
19900067270	A tunable x ray interferometer and the empirical determination of phases diffracted x rays	1977
19900072051	Digital control of the Czochralski growth of gallium arsenide. Volume 2: Operator's manual	1977
19910072594	Airborne spectroradiometer analysis and LANDSAT mapping of hydrothermal alteration	1977
19910072600	A comparison of radiosonde temperature and humidity profile data bases	1977
19910072613	Index to NASA news releases and speeches: 1976 supplement	1977
19910072675	The Mariner Jupiter/Saturn 1977 mission photopolarimeter experiment	1977
19910072696	Shuttle Orbiter OV-102 CDR safety analysis report. Volume 1: Management summary	1977
19910072697	Shuttle Orbiter OV-102 CDR safety analysis report. Volume 7: Environmental control and life support systems	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19910072698	Shuttle Orbiter OV-102 CDR safety analysis report. Volume 4: Propulsion systems	1977
19910072699	Shuttle Orbiter OV-102 CDR safety analysis report. Volume 2: Structures systems	1977
19910072700	Shuttle Orbiter OV-102 CDR safety analysis report. Volume 5: Power systems	1977
19910072701	Shuttle Orbiter OV-102 CDR safety analysis report. Volume 6: Avionics systems	1977
19910072702	Shuttle Orbiter OV-102 CDR safety analysis report. Volume 8: Crew station systems	1977
19910072775	A review of the use of global circulation models in the study of the Indian monsoon	1977
19910072962	Solution of partial differential equations on vector computers	1977
19910073471	Minutes of the NASA Research and Technology Advisory Council, Panel on General Aviation Technology	1977
19910073830	Flight measurements of lifting pressures for a thin low-aspect-ratio wing at subsonic, transonic, and low supersonic speeds	1977
19910077439	HAVE NAME material optimization. Volume 1: Technical discussion	1977
19910077628	HAVE NAME material optimization. Volume 2: Appendices	1977
19910077699	Payload cluster concepts study	1977
19910077777	Photovoltaic remote instrument applications plan	1977
19910078072	Photovoltaic refrigeration applications	1977
19910078073	Photovoltaic water pumping applications	1977
19910078074	Photovoltaic village power applications	1977
19920075254	QCGAT: Quiet, clean, general aviation turbofan. Initial design report: QCGAT engine program, volume 1	1977
19920075357	Study of unconventional aircraft engines designed for low energy consumption: Comprehensive data report, volume 2	1977
19920078133	Advanced composite engine static structures fabrication	1977
19930073056	The water hyacinth	1977
19930073375	Analyzing medium scale software development	1977
19930073463	The software engineering laboratory: Objectives	1977
19930074336	Environmental impact statement: Modification of 40 x 80-foot subsonic wind tunnel, amendment no. 1	1977
19940003836	Construction cost control after bidding	1977
19940004009	Failure analysis of Struthers-Dunn S2GP-7.25-73D relay	1977
19940004012	Failure analysis of Struthers-Dunn S2GP7.25-73D relay	1977
19940004276	KSC construction cost engineering format for space shuttle facilities construction management	1977
19940005495	Nozzle insert evaluation test report	1977
19960010677	Study of unconventional aircraft engines designed for low energy consumption: Comprehensive data report, volume 1	1977
19960023972	Fatigue Spectrum Sensitivity Study for Advanced Composite Materials	1977
19960024235	National Technical Conference on Safety and Health with Plastics	1977
19960025687	Regional Technical Conference on Injection Molding of Engineering Thermoplastics	1977
19960025703	Hydrodynamic Ram Damage in Advanced Fiber Composites,	1977
19960026332	Fabrication of a Low Cost, Survivable Composite Fuselage	1977
19960028667	Proceedings of Symposium on Compatibility of Plastic and Other Materials with Explosives, Propellants, and Pyrotechnics	1977
19960040943	NASA Tech Brief Program: A Cost Benefit Evaluation	1977
19960041469	Finite Elements and Finite Differences for Transonic Flow Calculations	1977
19960051421	A Summary of Cost Benefit Studies	1977
19990053562	Pilot Performance Measurement Study	1977
19990054437	Collision Cross-Sections for a Central Field Potential Function	1977
20000027703	Where are We in the Search for Life on Mars?	1977
20010075963	Airborne Instrumentation Research Project. Summary Catalog #11: Flights 77-001 Through 77-092	1977
20020008501	Open ARC Gasless Welding	1977
20020027816	Military Adaptation of Commercial Items (MACI); Laboratory Evaluation of The Code E-411 Engine	1977
20020044627	Space Telescope Project: Optical Telescope Assembly Proposal	1977
20020044628	Space Telescope Project: Optical Telescope Assembly Proposal. Appendix to Volume 2: Verification Requirements Matrix	1977
20020045192	Space Telescope Project: Optical Telescope Assembly Proposal	1977
20020045467	Space Telescope Project: Optical Telescope Assembly Proposal	1977
20020046607	Space Telescope Project Optical Telescope Assembly Proposal	1977
20020048479	Space Telescope Project: Optical Telescope Assembly	1977
20030066978	Final Technical Order Project Findings	1977
20030066980	Review of MAJCOM Logistics Management Information Systems	1977
20040008618	Frequency Variations in a Chemical Laser Special Technical Report	1977
20040059545	Naval Training Equipment Center Index of Publications	1977
20040073904	Bulk Petroleum Fuels Distribution in a Theater of Operations. Volume 2. Appendixes	1977
20040079353	Bulk Petroleum Fuels Distribution in a Theater of Operations	1977
20040085114	A Compendium of Foreign Spacecraft and United States and Foreign Space Launch Systems and Facilities. Part 1- A	1977
20040191564	Hypergolic Propellants Liquid and Vapor Disposal	1977
20050229954	Geostationary Operational Environmental Satellite (GOES-B) Mission Operation Report	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20050229957	GOES-2 Post Launch Report 2	1977
20050230147	Japan/NASDA Geostationary Meteorological Satellite (GMS) - Delta Launch	1977
20050230148	Japan-GMS/Delta Post Launch Report	1977
20050230164	Intelsat IVA F-4 Launch	1977
20050230169	Scout S-200C Launch/Navy Transat	1977
20050230741	Scout/Transat (Navy) Post Launch Report 1	1977
20050232732	Prelaunch Mission Summary: Japan Communications Satellite (CS)-Delta Launch	1977
20050232862	NATO-III B Communications Satellite	1977
20050232866	Indonesian Communication Satellite/Delta Launch (Palapa-B)	1977
20050232868	Italian Industrial Oriented Research Satellite (SIRIO): Delta Launch	1977
20050232872	ESA Orbital Test Satellite (OTS): Delta Launch	1977
20050234555	Voyager Program Mission Operations Report	1977
20050234576	Indonesian Communication Satellite/Delta Launch (Palapa-B)	1977
20050236279	Pre-Flight Report: Space Shuttle Orbiter Approach and Landing Test (ALT)	1977
20050236335	Space Shuttle Orbiter Approach and Landing Test (ALT) Program	1977
20050243405	Patterns of temporal interaction in the detection of gratings	1977
20060019946	IOT&E of the AN/GPH-22(V) High Performance Precision Approach Radar, 12 October 1976 - 14 December 1976	1977
20060021780	FOT&E of the AN/TPN-19 Landing Control Central	1977
20060021943	PLZT Thermal Flash Blindness Protection Device (TFPD) Operational Test and Evaluation	1977
20080001387	A-10 Follow-On Operational Test and Evaluation (FOT&E), Phase 2	1977
20080001775	Red Flag 77-7, 6 June-1 July 1977	1977
20080002482	Beam Maintenance Assessment	1977
20080002533	IR Maverick/Wild Weasel Interoperability Flight Test Initial Report	1977
20080002879	Poseidon Guidance System Accuracy and Its Contribution to Weapon System Accuracy. Revision 2	1977
20080005775	FOT&E of the Production Engineering Program Laser Guided Bomb	1977
20080005786	Countermeasure Testing - FOT&E of the Production Engineering Program Laser Guided Bomb. Annex B	1977
20080006850	Initial Operational Test and Evaluation (IOT&E) of AN/TRN-38 Tactical Loran C/D Ground Chain	1977
20080010080	AIM-9B/E/J Reduced Smoke Rocket Motor	1977
20080010081	AN/FPN-62 Normal Performance Precision Approach Radar Qualification Operation Test and Evaluation (QOT&E)	1977
20080018414	Technical Report of the MEECN UHF/FDM Ground Entry Point Coverage Envelope Tests for the USCINCEUR Facilities	1977
20080019898	Systems, Reliability and Maintainability and Human Factors Evaluation of the YC-15 Advanced Medium STOL Transport	1977
20080021917	Preliminary Integrated Logistics Support Study for the TNFS Program	1977
20080021934	HAVE ROBE Basic Infrared Measurements NWC Banded Seeker-Radiometer Data. Part 1: Ground-to-Air Phase	1977
20080021972	Extended Capability Emitter Location System Study. Volume 2	1977
20080021973	Spread Spectrum Parameter Evaluation Study. VHF/UHF S3 Intercept System Design. Volume 2	1977
20080021979	Scores Europe II, FM Communications Evaluation	1977
20080022118	Analysis fo the Bistatic RCS of a Strategic Aircraft. Volume 2	1977
20080022119	Analysis of Spaceborne Bistatic Surveillance. Volume 1	1977
20080039763	Extended Aerodynamic Model of Sparrow Missile for Use in Pacific Missile Test Center AIM-7F Six-Degree-of-Freedom Digital Computer Simulation	1977
20080043556	Comparison of Capabilities and Costs of Dedicated Airplane and Spacecraft Missions for Remote Water Monitoring of U.S. Coastal Zones	1977
20080045210	Strategic Mobility Alternatives for the 1980s. Volume 3: Technical Appendixes	1977
20090006764	Low-Speed Wind-Tunnel Investigation of a Swept-Wing Model having Distributed Upper-Surface Blowing Near the Wind Leading Edge or at the Flap Knee	1977
20090006810	An Analytical Model for Highly Separated Flow on Airfoils at Low Speeds	1977
20090010051	History of Manned Space Flight	1977
20090022805	Office of Space Science: Executive Program Summary	1977
20090022806	Executive Program Summary	1977
20100042315	VTOL Flight Control for All-Weather Shipboard Operations	1977
20110020391	GOES-B/GOES-2 Post Launch Report No. 1	1977
20110020496	Intelsat IVA F-4 Post Launch Report No. 1	1977
20110020578	Delta Launch - ESA/Meteosat Mission	1977
20120001978	Response of the Lunar Ejecta and Meteorites Detector to Slow Positively Charged Microparticles	1977
20130001871	"Robot" Computer Program Solving System	1977
20130013964	Prediction of Launch Induced Thermal and Pressure Environments to Launch Complex 39	1977
20140015332	Propulsion System and Performance Evaluation of the YC-15 Advanced Medium STOL Transport	1977
20150009561	Bacillus xerothermodurans sp. nov., a Species Forming Endospores Extremely Resistant to Dry Heat	1977
20150010067	Planetary Protection Annual Review	1977
20150010467	Spacecraft Sterilization	1977

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150010519	Evolution and Back-Contamination	1977
20150010582	Ecology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components	1977
20150010898	Spacecraft for Biological and Medical-Biological Investigations	1977
20150011429	Tests at Transonic Speeds of the Effectiveness of a Swept-Back Trailing-Edge Flap on an Airfoil Having Parallel Flat Surfaces, Extreme Sweepback, and Low Aspect Ratio	1977
20150013897	Energy: An Annotated Bibliography	1977
20150013898	Energy: An Annotated Bibliography - July 1977 Appendix II, Vol. 1	1977
20150015557	Hazard Analysis Instructions	1977
20160001216	NASA Pocket Statistics	1977
20160012431	Application of Skylab Workday Analysis to Future Programs	1977
20160012629	Space Transportation System Operations Management Study	1977
20160012630	Space Transportation System Operations Management Study	1977
20160012631	Space Transportation System Operations Management Study	1977
20160012638	Space Shuttle Program Requirements Document: Level 1	1977
20160012650	Environmental Statement for the Space Shuttle Solid Rocket Motor DDT&E Program	1977
20160012651	Environmental Impact Statement for the Space Shuttle Program	1977
20160013568	Venus Orbiter Imaging Radar FY77 Study Report Radar Studies	1977
20160014781	Optical Telescope Assembly for the Space Telescope Project	1977
20170000902	Briefing on the "Gas Core Reactor Power Plants Designed for Low Proliferation Potential"	1977
19770085334	Airloads Research Study: Distributed Load Calibration Data	1978
19780007112	Flight evaluation of a spoiler roll control system on a light twin-engine airplane	1978
19780007909	EBF noise suppression and aerodynamic penalties	1978
19780010449	Resistance strain gages for stability experiments at temperatures up to 300 deg C	1978
19780010734	Aerospace Medicine and Biology: A continuing bibliography with indexes, supplement 175	1978
19780010759	Synthesis and biological screening of novel hybrid fluorocarbon hydrocarbon compounds for use as artificial blood substitutes	1978
19780010852	Numerical methods for the statistical analysis of random processes by means of computers	1978
19780011070	Photopolarimetry of Scattering Surfaces and their Interpretation by Computer Model	1978
19780012151	A new method for estimating current and future transport aircraft operating economics	1978
19780012193	Rotorcraft linear simulation model. Volume 1: Engineering documentation	1978
19780013231	Apollo over the moon: A view from orbit	1978
19780013248	Heat Capacity Mapping Mission (HCMM) Launch	1978
19780013465	Investigation of the turbulent flows of two-phase media	1978
19780013466	Problems of hydrodynamics and heat exchange	1978
19780014076	Aeronautical engineering: A continuing bibliography with indexes, supplement 94, May 1978	1978
19780014157	Static tests of a large scale swivel nozzle thrust deflector	1978
19780014339	Electrical interference to satellite subsystems resulting from spacecraft charging	1978
19780015330	Effect of interference on delta modulator encoded video signals. Delta modulation encoding of video signals	1978
19780015331	International Sun-Earth Explorer's medium gain antenna system for the A and C missions	1978
19780015441	High temperature heat pipe research at NASA Lewis Research Center	1978
19780015442	Stiffness of straight and tapered annular gas path seals	1978
19780015514	Thermographic measurement of fatigue damage	1978
19780015528	Interpolation and extrapolation of creep rupture data by the minimum commitment method. Part 1: Focal-point convergence	1978
19780015529	Interpolation and extrapolation of creep rupture data by the minimum commitment method. Part 2: Oblique translation	1978
19780015554	Ten-Ecosystem Study (TES) site 4, Sandoval County, New Mexico	1978
19780015556	Thermal surveillance of active volcanoes using the LANDSAT-1 data collection system. Part 4: Lassen volcanic region	1978
19780016270	Network functions and facilities	1978
19780016271	DSN test and training system, Mark 3-77	1978
19780016272	Voyager support	1978
19780016273	Viking extended mission support	1978
19780016274	Pioneer mission support	1978
19780016275	Helios mission support	1978
19780016276	An alternate technique for near-sun ranging	1978
19780016277	The tone generator and phase calibration in VLBI measurements	1978
19780016278	An analysis of Viking S-X Doppler measurements of solar wind columnar content fluctuations	1978
19780016279	A method for measuring group time delay through a feed horn	1978
19780016280	An analysis of alternate symbol inversion for improved symbol synchronization in convolutionally coded systems	1978
19780016281	A prototype DSN X-S band feed: DSS 13 first application status	1978
19780016282	LAASP 100-m antenna wind performance studies	1978
19780016283	A public-key cryptosystem based on algebraic coding theory	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780016284	Tracking loop and modulation format considerations for high rate telemetry	1978
19780016285	Development support: DSS 13 S-X unattended systems development	1978
19780016286	The DSN standard real-time language	1978
19780016287	On Decoding of Reed-Solomon Codes over GF(32) and GF(64) Using the Transform Techniques of Winograd	1978
19780016288	Electron density and Doppler RMS phase fluctuation in the inner corona	1978
19780016289	The DDS radio science subsystem: Real-time bandwidth reduction and wideband recording of radio science data	1978
19780016290	Solar wind density fluctuation and the experiment to detect gravitational waves in ultraprecise Doppler data	1978
19780016291	Solar wind turbulence models evaluated via observations of Doppler RMS phase fluctuation and spectral broadening in the inner corona	1978
19780016292	On the suitability of Viking differenced range to the determination of relative Z-distance	1978
19780016293	CCIR papers on telecommunications for deep space research	1978
19780016294	Development of a unified criterion for solar collector selection	1978
19780016295	Implementation of automated fault isolation test programs for Maximum likelihood Convolutional Decoder (MCD) maintenance	1978
19780016296	Performance of solar-powered vapor-jet refrigeration systems with selected working fluids	1978
19780016297	Voyager near simultaneous ranging transfers	1978
19780016298	Some data relationships among diverse areas of the DSN and JPL	1978
19780016299	A new, nearly free, clock synchronization technique	1978
19780016300	Tracking operations during the Voyager 2 launch phase	1978
19780016301	An effective procurement and financial management reporting system	1978
19780016623	X-ray measurements of stresses and defects in EFG and large grained polycrystalline silicon ribbons. Low cost silicon solar array project	1978
19780016685	Heat Exchanger Method - Ingot Casting. Fixed Abrasive Method - Multi-Wire Slicing. Phase 2 Silicon Sheet Growth Development for the Large Area Silicon Sheet Task of the Low Cost Silicon Solar Array Project	1978
19780016708	Array automated assembly task low cost silicon solar array project, phase 2	1978
19780016710	Automated array assembly, phase 2	1978
19780016995	Dynamo action in a thin slab	1978
19780017068	Ceramic regenerator systems development program	1978
19780017082	Evaluation of models to predict insolation on tilted surfaces	1978
19780017083	Resistive decay of photospheric current sheets	1978
19780017377	JAN transistor and diode characterization test program for JANTX Transistor 2N2605	1978
19780018120	Recent flight test results using an electronic display format on the NASA B-737	1978
19780018251	Producing liquid-solid mixtures of hydrogen using an auger	1978
19780018280	Aviation fuels beyond the 1980's	1978
19780019077	Upper limits on the cyclotron lines from Her X-1 as observed with OSO-8	1978
19780019097	Gamma-ray line emission above 8 MeV	1978
19780019143	Studies in experimental aerodynamics	1978
19780019203	The Voyage of Mariner 10: Mission to Venus and Mercury	1978
19780019232	Rockets, their construction and use	1978
19780019587	High-power, ultralow-mass solar arrays: FY-77 solar arrays technology readiness assessment report, volume 1	1978
19780019809	Effect of prolonged hypokinesia on the water and fat content of the human body	1978
19780019926	Normalization of magnetization characteristics	1978
19780020040	NASA patent abstracts bibliography: A continuing bibliography. Section 1: Abstracts (supplement 12)	1978
19780020671	Comparison of Three Experimental Methods Used in Determining the Thermal Performance of Flat-Plate Solar Collectors	1978
19780020738	Determination of trace gases in Learjet and U-2 whole air samples collected during the intertropical convergence zone study	1978
19780020992	Research of elastically bent glass strips to produce high resolution X-ray and EUV optics	1978
19780021046	A technology assessment of transportation system investments	1978
19780021049	Analysis of DOT near-term transportation research, development, and demonstration activities	1978
19780021051	Phase 1: Definition of intercity transportation comparison framework. Volume 2: Methodology	1978
19780021086	The strength of the sun's polar fields	1978
19780021124	Wind tunnel investigation of computationally optimized variable camber wing configurations	1978
19780021143	A theoretical investigation of ground effects on USB configurations	1978
19780022082	Atlas of Mercury	1978
19780022267	Response of metals of metallic structures to dynamic loading	1978
19780022604	Filling of orbital fluid management systems	1978
19780023079	A survey of carbon monoxide in Cygnus X	1978
19780023198	Continuation of the compendium of applications technology satellite and communications technology satellite user experiments 1967-1977, volume 1	1978
19780023523	On the multiplicity of solutions of the inverse problem for a vibrating beam	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780023568	A study of alteration associated with uranium occurrences in sandstone and its detection by remote sensing methods, volume 1	1978
19780023664	Reaction rate and photochemical data for atmospheric chemistry, 1977	1978
19780024072	Aeronautics and space report of the President: The 1977 activities	1978
19780024217	A Brief Historical Introduction to Very Long Baseline Interferometry	1978
19780024220	IMS/Satellite Situation Center report: Summary of IMS/SSC special periods and the positions of IMS high-altitude satellites, days 1 - 181 1978	1978
19780024221	Satellite Power Systems (SPS) concept definition study: SPS point design definition update	1978
19780025308	Classification testing of composition A5 and selected pyrotechnics	1978
19780025444	The calibration and application of five-hole probes	1978
19780071612	Computer needs for a whole earth dynamical model	1978
19780071708	Noise in turbulent flow	1978
19780071825	Space shuttle aerothermodynamic data base	1978
19780072053	Fundamental aspects of gas turbine combustion	1978
19780072382	A research in support of NASA's space science	1978
19780072452	Air transportation systems with emphasis on VLF-LF navigation	1978
19780072538	Results of tests using a 0.0125-scale model (70-OT) of the space shuttle vehicle orbiter in the AEDC VKF Tunnel B (OA169), volume 1	1978
19780072539	Results of tests using a 0.0125-scale model (70-OT) of the space shuttle vehicle orbiter in the AEDC VKF Tunnel B (OA169), volume 2	1978
19780072540	Results of tests using a 0.0125-scale model (70-OT) of the space shuttle vehicle orbiter in the AEDC VKF Tunnel B (OA169), volume 3	1978
19780072541	Results of SRB separation tests using the 0.010 scale SSV model 75-OTS in the AEDC VKF tunnel A (IA143), volume 3	1978
19780072542	Results of SRB separation tests using the 0.010 scale SSV model 75-OTS in the AEDC VKF tunnel A (IA143), volume 4	1978
19780072547	Determination of shear strength distributions for graphite-epoxy composite materials	1978
19780072641	Efficient detection, analysis and classification of lightning radiation fields	1978
19780072964	Development of Boolean calculus and its applications	1978
19780073017	Research projects at universities with predominant or significant minority enrollment	1978
19780073154	Results of SRB separation tests using the 0.010 scale SSV model 75-OTS in the AEDC VKF tunnel A (IA143), volume 1	1978
19780073155	Results of SRS separation tests using the 0.010 scale SSV model 75-OTS in the AEDC VKF tunnel A (IA143), volume 2	1978
19780073156	Aerothermodynamic data base monthly data file contents report, phase C	1978
19780073157	Payload software technology, Volume 1	1978
19780073158	Payload software technology. Volume 2: Software technology development plan	1978
19780073168	The role of gravity in preparative electrophoresis	1978
19780073182	Effects of environmental variables on the crack initiation stages of the corrosion fatigue of high strength aluminum alloys	1978
19780073324	Compressible flow along an axial corner in primitive variables	1978
19780073613	Ten micron heterodyne spectroscopy research	1978
19780073614	Light pulses of picosecond duration in optical media	1978
19780073693	Comparison of Mercury and the Moon: A Conference	1978
19780073727	Thermal-protection material evaluation and diagnostic study of advanced high-power arc jets for planetary entry simulation	1978
19780073732	Results of a drag reduction investigation on an 0.010-scale model of the space shuttle vehicle 72-OTS launch configuration tested in the LaRC 8-foot transonic pressure tunnel for the Mach range of 0.35 to 1.20 (LA56)	1978
19780073733	Results of heat transfer testing of an 0.025-scale model (66-0) of the space shuttle orbiter configuration 140B in the Calspan hypersonic shock tunnel (OH66)	1978
19780073734	Aerothermodynamic data base monthly data file contents report, phase C	1978
19780073780	The international system of units (SI)	1978
19780073813	Phase instability noise in Josephson junctions	1978
19780074060	Environmental stress and regulation of the testes	1978
19780074151	Design of a 65-100 CM aperture photoheliograph for flight on a space shuttle and/or balloon-launched vehicle	1978
19780074189	Literature search performance as affected by searcher background, experience, and mode of access	1978
19780074210	Report on the lunar ranging at McDonald Observatory	1978
19780074212	Theoretical studies of the atmospheres of the giant planets	1978
19780074303	Effect of three years of outdoor exposure on the acoustical and structural characteristics of foam and glass fiber anechoic wedges	1978
19780074689	Invariants of optimal minimal-order observer-based compensators	1978
19780074821	The abundance of boron in B- and A-type stars	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780074954	A feasibility study of the reduction of the radiation belt population through controlled precipitation induced by VLF waves	1978
19780075292	Analysis of lunar mare emplacement and associated volcanic features	1978
19780075333	Aerothermodynamic data base, phase C. Monthly data file contents report, phase 3	1978
19780075354	Tripopellant engine study	1978
19780075458	Analysis of scanner data for crop inventories	1978
19780075637	Planetary interiors: Papers presented to a special session of the 9th Lunar and Planetary Science Conference	1978
19780075668	Results of base heating tests on a 0.04 scale space shuttle orbiter base (model 65-0) IN THE NASA/JSC thermal vacuum chamber A (OH78)	1978
19780075669	NASA fact sheet. KSC shuttle facilities	1978
19780075929	Low-speed stability and control characteristics of a 0.015 scale model 69-0 of the space shuttle orbiter with forebody RSI modifications in the NASA/LaRC low turbulence pressure tunnel (LA73A/B)	1978
19780075930	Aerothermodynamic data base data file contents report, phase C	1978
19780076062	Development of a model and computer code to describe solar grade silicon production processes	1978
19780076144	Digital controller design: Analysis of the annular suspension pointing system	1978
19780076194	Growth of single crystals by vapor transport	1978
19780076208	Subcommittee on newer employees, NASA personnel management review committee	1978
19780076225	NASA exhibits program	1978
19780076248	A low-cost Loran-C envelope processor: the Mini-L Loran-C receiver	1978
19780076266	Explorer 52 (Hawkeye 1) post launch report number 2	1978
19780076268	ESA-OTS-B/Delta post launch report	1978
19780076269	Prelaunch summary: Comstar-C	1978
19780076280	Space shuttle aerothermodynamic data report. Phase C: Aerothermodynamic data base monthly data file contents report	1978
19780076347	RLE progress report section 16: Electrodynamics of media	1978
19780076348	RLE progress report no. 120	1978
19780076416	Design Concept Study of Custom Holographic Interferometry Stress Control Subsystems for Automatic Testing	1978
19780076425	Investigation of the Basic Foundations of Masers and Lasers	1978
19780076497	LSSA Large Area Silicon Sheet Task Continuous Czochralski Process Development	1978
19780076762	Progress report reprinted from RLE Progress Report no. 120	1978
19780076769	Most probable states in magnetohydrodynamics	1978
19780076831	RLE progress report no. 120	1978
19780076833	Ionospheric research	1978
19780076850	In Houston: Luna 24 reviewed	1978
19780077061	Measurement of loss angle, volume resistivity and surface resistivity of insulating materials used on solar cells	1978
19780077302	Technical library: New books and documents, series 2, volume 1, no. 5	1978
19780077315	A study of vortex core size in the application of lattice techniques to unsteady wake formation	1978
19780077438	Developing remote sensing application for natural resource study and management	1978
19780077450	Phase 2: Automated array assembly, task 4	1978
19780077451	Effect of impurities and processing on silicon solar cells	1978
19780077452	Evaluation of selected chemical processes for production of low cost silicon, phase 2	1978
19780077453	Process feasibility study in support of silicon material, task 1	1978
19780077455	Slicing of silicon into sheet material: Silicon sheet growth development for the large area silicon sheet task of the low cost silicon array project	1978
19780077456	Novel duplex vapor-electrochemical method for silicon solar cells	1978
19780077457	Investigation of test methods, material properties, and processes for solar cell encapsulants	1978
19780077458	Development and testing of shingle-type solar cell modules	1978
19780077459	Epitaxial silicon growth for solar cells	1978
19780077460	Study program to develop and evaluate die and container materials	1978
19780077461	Development and evaluation of die materials for use in the growth of silicon ribbons by the inverted ribbon growth process, task 2, LSSA project	1978
19780077613	The analysis of the pilot's cognitive and decision processes	1978
19780077732	Flight software integrated test plan (OFT). Volume 2, book 2: Vehicle checkout. Section 2, level 2: Function tests. Section 3, level 3: Subsystem tests	1978
19780077735	European Space Agency Geostationary Satellite (ESA/Geos-B) Delta Launch	1978
19780077737	Aerothermodynamic data base monthly data file contents report, phase c	1978
19780077846	Large area silicon sheet by EFG	1978
19780077847	Silicon-on-ceramic coating process. Silicon sheet growth development for the large-area silicon sheet and cell development tasks of the low-cost silicon solar array project	1978
19780077851	The 200 watt per kilogram solar array program, phase 3	1978
19780077852	Accelerated/abbreviated test methods, study 4 of task 3 (encapsulation) of the Low-Cost Silicon Solar Array Project	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780077853	Laser-zone growth in a Ribbon-to-Ribbon (RTR) process. Silicon sheet growth development for the large area silicon sheet task of the Low Cost Silicon Solar Array Project	1978
19780077854	Integral glass encapsulation for solar arrays	1978
19780077855	Solar silicon via the Dow Corning process	1978
19780077856	Synthesis of silane and silicon in a non-equilibrium plasma jet	1978
19780077858	Development of a process for high capacity arc heater production of silicon for solar arrays	1978
19780077860	Silicon halide-alkali metal flames as a source of solar grade silicon	1978
19780077861	Development of pulsed processes for the manufacture of solar cells	1978
19780077863	Array automated assembly, phase 2	1978
19780077864	Phase 2 of the array automated assembly task for the low cost silicon solar array project	1978
19780077865	Development of a model and computer code to describe solar grade silicon production processes	1978
19780077867	Phase 2 of the array automated assembly task for the low cost silicon solar array project	1978
19780077868	Phase 2 of the array automated assembly task for the low cost silicon array project	1978
19780077869	Development and evaluation of die and container materials	1978
19780077870	Automated array assembly, phase 2	1978
19780077871	Process development for automated solar cell and module production. Task 4: Automated array assembly	1978
19780077872	Development of advanced methods for continuous Czochralski growth: Silicon sheet growth development for the large area silicon sheet task of the low cost silicon solar array project	1978
19780077873	LSSA large area silicon sheet task continuous liquid feed Czochralski growth	1978
19780077874	LSSA large area silicon sheet task. Continuous Czochralski process development	1978
19780077875	Continuous Czochralski growth: Silicon sheet growth development of the large area silicon sheet task of the low cost silicon solar array project	1978
19780077876	High velocity continuous-flow reactor for the Production of solar grade silicon	1978
19780077877	Investigation of reliability attributes and accelerated stress factors on terrestrial solar cells	1978
19780077977	Digital controller design: Analysis of the annular suspension pointing system	1978
19780078029	NASA-Baltimore Water Department water quality project	1978
19780078043	Low-speed impact phenomena and orbital resonance in the moon- and planet-building process	1978
19780078045	Geochemistry of lunar and meteoritic materials	1978
19780078072	The manned space flight program: Some elements of organizational philosophy and management decision in historical perspective	1978
19780078073	Results of test OH69 obtained in the AEDC VKF hypersonic tunnel B using the infrared scanning method to obtain heat transfer data on the 0.040 scale model 82-0 of the space shuttle forebody, volume 1	1978
19780078085	Mathematical models of continuous flow electrophoresis	1978
19780078106	Development of mullite substrates and containers silicon sheet growth development for the large area silicon sheet task of the low-cost silicon solar solar array project	1978
19780078107	Automated array assembly, phase 2	1978
19780078109	Development and evaluation of die materials for use in the growth of silicon ribbons by the inverted ribbon growth process. Task 2: LSSA project	1978
19780078110	Develop silicone encapsulation systems for terrestrial silicon solar arrays	1978
19780078192	Career planning handbook for employees of the Langley Research Center	1978
19780078234	Prelaunch Summary TIROS-N Launch	1978
19780078235	TIROS-N Mission Operation Report	1978
19780078237	Prelaunch summary Nimbus-G launch	1978
19780078239	Results of test OH69 obtained in the AEDC VKF hypersonic tunnel B using the infrared scanning method to obtain heat transfer data on the 0.040 scale model 82-0 of the space shuttle forebody, volume 2	1978
19780078240	Phase C aerothermodynamic data base monthly data file contents report	1978
19780078241	Results of a low speed approach and landing experimental investigation of a 0.050-scale space shuttle orbiter model (39-0) in the NASA/Ames Research Center's 12-foot pressure wind tunnel (OA101), volume 1	1978
19780078242	Results of a low speed approach and landing experimental investigation of a 0.050-scale space shuttle orbiter model (39-0) in the NASA/Ames Research Center's 12-foot pressure wind tunnel (OA101), volume 2	1978
19780078243	Results of a low speed approach and landing experimental investigation of a 0.050-scale space shuttle orbiter model (39-0) in the NASA/Ames Research Center's 12-foot pressure wind tunnel (OA101), volume 4	1978
19780078283	Investigation of laser dynamics, modulation and control by means of intra-cavity time varying perturbation	1978
19780078305	LANDSAT data users notes	1978
19780078313	Large area silicon sheet by EFG	1978
19780078315	A 200 watt per kilogram solar array program, phase 3	1978
19780078316	The 200 watt per kilogram solar array	1978
19780078317	Synthesis of silane and silicon in a non-equilibrium plasma jet	1978
19780078318	Development of a process for high capacity arc heater production of silicon for solar arrays	1978
19780078319	Silicon web process development	1978
19780078320	Study of the effects of impurities on the properties of silicon materials and performance of silicon solar cell	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780078321	Silicon halide - alkali metal flames as a source of solar grade silicon	1978
19780078322	Development of pulsed processes for the manufacture of solar cells	1978
19780078323	High efficiency, long life terrestrial solar panel	1978
19780078325	Automated array assembly, phase 2	1978
19780078326	Development and evaluation of die and container materials	1978
19780078327	LSA large area silicon sheet task continuous liquid feed Czochralski growth	1978
19780078328	USSA large area silicon sheet task continuous Czochralski process development	1978
19780078329	High velocity continuous-flow reactor for the production of solar grade silicon	1978
19780078464	Results and future uses of heterodyne spatial interferometry at 11 microns	1978
19780078466	Investigation of the daytime lunar atmosphere	1978
19780078600	Results of a low speed approach and landing experimental investigation of a 0.050-scale space shuttle orbiter model (39-0)in the NASA/Ames Research Center's 12-foot pressure wind tunnel (OA101), volume 3	1978
19780078601	Results of RCS jet plume interaction test using a 0.0125-scale model (70-OT) of the Space Shuttle Vehicle orbiter in the AEDC VKF tunnel B (IA148), volume 1	1978
19780078603	Results of an investigation to verify shuttle orbiter aero-characteristics and examine transonic blockage and shock reflection effects utilizing .02-scale hi-fidelity models 104-0 and 105-0 in the Langley Research Center 16-ft transonic wind tunnel OA270B/C	1978
19780078637	Catalog of standard hardware	1978
19780078694	LSA Low-Cost Solar Array Project	1978
19780078733	Three-dimensional dynamical and chemical modelling of the upper atmosphere	1978
19780078751	Emergency medical care manual: Portable ambulance module (PAM) operations	1978
19780078779	JPL basic research review	1978
19780078791	Solar physics supporting research technology	1978
19780078859	Applications of Phase Diagrams in Metallurgy and Ceramics, Volume 1	1978
19780078860	Application of Phase Diagrams in Metallurgy and Ceramic, Volume 2	1978
19780079045	NASTRAN general purpose interface requirements document	1978
19780079395	Advanced marine information delivery system subprogram development plan: Advanced microwave processing and analysis	1978
19780079479	Results of tests using a 0.20-scale model (105-0) of the space shuttle vehicle orbiter in the naval surface weapons center hypervelocity tunnel 9(oA171)	1978
19780079480	Base pressure and heat transfer tests of the 0.0225-scale space shuttle plume simulation model (19-OTS) in the NASA-Lewis Research Center 10 x 10-foot supersonic wind tunnel (test IH39)	1978
19780079483	Aerothermodynamic data base monthly data file contents report, phase C	1978
19780079612	Progress in nuclear pumped lasers	1978
19780079683	Process development for automated solar cell and module production. Task 4: Automated array assembly	1978
19780079974	A convergence criterion for optimal linear procedures	1978
19780080087	Small bodies	1978
19780080102	Modern aerostatic flight vehicles	1978
19780080105	External drag and base pressure of fuselage tail sections of various configuration	1978
19780080106	The use of liquid crystals in a thermal aerodynamic experiment	1978
19780080110	External tank rarefied aerothermodynamics	1978
19780080112	Comparison of inlet distortion from flight and wind tunnel tests	1978
19780080113	Summary of rotor hub drag data	1978
19780080114	SRB surface roughness heating	1978
19780080115	Structural and aeroelastic studies of a supersonic arrow-wing configuration	1978
19780080116	Static aerodynamic characteristics of a 1/9 scale model of the F-16 airplane at angles of attack of plus or minus 90 deg and angles of sideslip of plus or minus 30 deg at a Mach number of 0.20	1978
19780080120	YAV-8B 15% scale powered aerodynamic test in the NASA-Ames 14 foot (ARC) transonic wind tunnel, volume 1	1978
19780080121	YAV-8B 15% scale powered aerodynamic test in the NASA-Ames 14 foot (ARC) transonic wind tunnel, volume 2	1978
19780080122	Cockpit Display of Traffic Information (CDTI) experiment design task	1978
19780080123	Local flow management/profile descent avionics research: System requirements and benefit analysis	1978
19780080124	Development of an automated sequencing program to schedule aircraft in a controlled area using speed control	1978
19780080125	Problem statement in planning and analysis of variants of mass-production designs of boundary layer suction systems	1978
19780080126	Evaluation of rocket engines for boost and cruise propulsion of the national hypersonic flight research facility. Volume 2: Costs	1978
19780080128	Leading edge flap designs for an arrow wing configuration	1978
19780080131	Advanced concept studies for supersonic vehicles	1978
19780080138	The effect of the radial gap on the efficiency of axial unshrouded turbine-stages	1978
19780080139	Increasing jet-engine thrust by water-augmentation	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080141	F-15 2-D nozzle system integration study. Volume 2: 2-D nozzle effects on the probability of detection and conversion (U)	1978
19780080143	F-15 2-D nozzle system integration study, volume 1: Technical Report	1978
19780080144	F-15 2-D nozzle system integration study, Volume 3: Appendices	1978
19780080145	Feasibility study for the installation and test of a Pratt and Whitney turbofan engine on a Mohawk aircraft	1978
19780080146	Evaluation of a technique for predicting stall flutter in turbine engines	1978
19780080148	Signal selection and failure detection design methods and triplex autoland sensor data statistics from the TCV B-737 airplane, volume 1	1978
19780080149	Signal selection and failure detection design methods and triplex autoland sensor data statistics from the TCV B-737 airplane, volume 2, part 1	1978
19780080150	Signal selection and failure detection design methods and triplex autoland sensor data statistics from the TCV B-737 airplane, volume 2, part 2	1978
19780080151	Design concepts for sound absorbing linings in the test section of the NASA Ames 80 by 120-foot wind tunnel	1978
19780080152	Electrical separation simulator design	1978
19780080156	OFT-1 reference flight profile: Deorbit through landing. Appendix B: Monte Carlo dispersion analysis	1978
19780080157	Shuttle orbiter deorbit through landing Monte Carlo dispersion analysis: Math and error models	1978
19780080158	Entry guidance performance analysis: Operations-era-type missions	1978
19780080166	Advanced technology program for large space structures, part 4	1978
19780080167	Integration and interface Failure Mode Effects Analysis (FMEA) and composite critical items list for High Energy Astronomy Observatory, mission C, volume 1	1978
19780080168	Integration and interface Failure Mode Effects Analysis (FMEA) and composite critical items list for High Energy Astronomy Observatory (HEAO), mission C, volume 2	1978
19780080176	Satellite power system work breakdown structure dictionary	1978
19780080177	Critical items list for High Energy Astronomy Observatory (HEAO), Mission B	1978
19780080178	Support of lightning analysis and testing on the Solid Rocket Booster (SRB) vehicle	1978
19780080180	Initiatives definition and evaluation. Task 3: Initiative grouping life-cycle cost estimates. Volume 1: Technical report	1978
19780080181	Initiatives definition and evaluation. Task 3: Initiative grouping life-cycle cost estimates. Volume 2: Appendices	1978
19780080187	Mission operation report: Geostationary Operational Environmental Satellite (GOES-C)	1978
19780080190	Study of the dynamics of a tethered satellite system (Skyhook)	1978
19780080202	Development of key shuttle payload EVA hardware concepts and simulation test requirements	1978
19780080203	SSME extended capabilities study	1978
19780080204	Shuttle GPS integration	1978
19780080207	Radiator error correction and model matching computer routine, volume 1	1978
19780080211	Long term evaluation of shuttle orbiter Singer-Kearfott gyroflex component	1978
19780080212	Flight 23 flight feasibility assessment: Galileo	1978
19780080219	Concept development of an inflatable heat shield support for the solid rocket booster	1978
19780080220	SSME plume heating rates	1978
19780080222	Silver Teflon coating development program	1978
19780080223	Pultrusion of graphite/epoxy prepreg for flat and hat section specimens	1978
19780080224	Study of the conservation state of paintings using holographic methods	1978
19780080226	Effect of the phase composition of impurities on the results of the spectrographic analysis of industrial silicon carbide	1978
19780080227	The interaction of a sonic field with an incompressible laminar boundary layer	1978
19780080228	Polymer modification and simulated space radiation exposure	1978
19780080229	Temperature and time dependent viscosity of an elastomer modified epoxy resin	1978
19780080231	Passive propellant management system	1978
19780080232	Orbital propellant handling and storage for large space programs. Volume 1: Executive summary	1978
19780080233	Orbital propellant handling and storage systems for large space programs. Volume 2: Final report	1978
19780080235	Active microwave applications research and development plan	1978
19780080236	Special Emphasis Study: System Definition and Antenna Design for the ATL Microwave Radiometer System	1978
19780080237	Electronic switching spherical array antenna	1978
19780080239	Kalman filtering techniques. Shuttle program	1978
19780080240	The development and prospects of power transistors used for the conversion of energy	1978
19780080242	Development of the Seasat-A satellite scatterometer antenna	1978
19780080243	Adhesion of thick film conductors	1978
19780080246	Optimal parameters and efficiency of gas-augmented water jet thrusters employing cold and hot gas	1978
19780080247	Characteristics of the interaction between adiabatic jets and inclined obstacles	1978
19780080248	Heat transfer for an uncooled interprofile end-surface of a turbine stage	1978
19780080251	Terminal velocity of raindrops at ground level as measured by the VIDIAZ disdrometer	1978
19780080252	Note on the use of electrical methods to check the deformation of paint on canvas and wood	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780080257	The advanced development of a high frequency response spectroscopic probe for analysis of supersonic combustor flowfields	1978
19780080261	Development of gallium arsenide laser power source	1978
19780080263	Institute for Machine Parts, Munich Technical University (Research Section for Gears and Gear Construction, FZG)	1978
19780080265	Large space structures: Configuration, packaging and response studies, executive summary	1978
19780080266	Program on state agency remote sensing data management	1978
19780080267	Report of the study on the development of Earth Resources Satellites	1978
19780080268	Expanded efforts on an information system for the east Mississippi council area	1978
19780080272	Research Efforts in Aircraft Pollution	1978
19780080273	Water column and marine air nitrous oxide in the New York Bight during August 1977	1978
19780080275	Quadr spherical lepedeas for ISEES-1 and -2 plasma measurements	1978
19780080276	Geomagnetic Tail Explorer (GTE): A mission for exploration of the distant geomagnetic tail	1978
19780080277	Photosynthesis of algae in ultraviolet light	1978
19780080279	Functional system of antigravitation and modeling of physiological effects of reduced gravitation	1978
19780080284	Study of optimal training protocols and devices for developing and maintaining physical fitness in females prior to and during space flight	1978
19780080286	Earth orbital teleoperator systems evaluation, 1977	1978
19780080288	Problems of Space Biology. Volume 36: Theoretical Foundations of Life-Support System Design	1978
19780080289	Atmospheres of planetary satellites	1978
19780080290	Search for life on Mars (Viking-1 and -2)	1978
19780080291	Problems of detecting life on planets	1978
19780080292	Feasibility/design study of microprocessor controlled decoder	1978
19780080293	MMES self-test hardware	1978
19780080296	The discrete Green function method for the solution of incorrect boundary value problems	1978
19780080297	A short course on Kalman filters	1978
19780080298	Shuttle program: Error propagation in orbital motion equations using Runge-Kutta methods	1978
19780080302	Automation of the analysis and synthesis of dynamic nonstationary systems using an operator method	1978
19780080303	Coupled motion of rigid bodies about their center of mass	1978
19780080306	The laser molecular optics microprobe, or Raman microscopy in industry at present	1978
19780080307	Applications of thermovision in the field of conservation of works of art	1978
19780080310	Equations of state of hydrogen, hydrogen compounds, crystals of inert gases, oxides, iron and FeS	1978
19780080315	A review of large area space systems toward identification of critical or limiting technology	1978
19780080316	The development and test of photon-counting detector arrays based on microchannel array plates for use on space telescopes	1978
19780080317	Meteorology of planets	1978
19780080318	Composition of the Mars polar caps	1978
19780080319	Radio-investigations of planets from spacecraft	1978
19780080321	Venus diurnal atmosphere according to results of radiooccultation by means of Venera-9 and -10 satellites	1978
19780080322	Fluctuations of radiowaves and turbulence of the nocturnal atmosphere of Venus according to radiooccultation data by means of the Venera-9 satellite	1978
19780080323	Early evolution stages of the atmospheres and climates of Earth, Mars and Venus	1978
19780080327	Handbook of Methods for the Restoration of Obliterated Serial Numbers	1978
19780082161	Metals and Ceramics Information Center current awareness bulletin. Issue no. 25: Selected developments in metals, ceramics and composites	1978
19780082204	Translations on USSR science and technology: Biomedical and behavioral sciences (FOUO 5/78)	1978
19780082244	Translations on the telecommunications policy, research and development (GUO 2/78)	1978
19780082318	Meteorology and Hydrology No. 10, October 1977	1978
19780082331	Translations on environmental quality, GUO 1/78	1978
19780082360	Translations on USSR science and technology biomedical and behavioral sciences, GUO 1/78	1978
19780082372	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780082399	Operation of the Computer Software Management and Information Center (COSMIC)	1978
19780082411	Translations on USSR science and technology: Physical sciences and technology (GUO 2/78)	1978
19780082412	Translations on USSR science and technology: physical sciences and technology (GUO 1/78)	1978
19780082435	NASA-Hampton Institute summer training program for engineering students	1978
19780082500	Independent evaluation report for the utility helicopter high performance hoist	1978
19780082576	International Ultraviolet Explorer, IUE-A: Prelaunch summary	1978
19780082639	SPARROW 3 AIM-7E logistics engineering improvement program second quarter FY-77 report	1978
19780082733	Fabrication and evaluation of LaRC-160 laminating resin	1978
19780082794	Surveillance: Stockpiled fire extinguisher cartridge (M232)	1978
19780082827	Operational test 3 of ground surveillance radar, very short range, AN/PPS-15	1978
19780082933	Translations on telecommunications policy, research and development	1978
19780083086	Meteorology and Hydrology, no. 11, November 1977	1978
19780083114	Experience in conducting area surveys with marine gravimeters	1978
19780083131	Translations on USSR science and technology: Biomedical and behavioral sciences (GUO 3/78)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780083148	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780083158	Handbook on astronaut crew motion disturbances for control system design	1978
19780083167	Clothing in a cold environment	1978
19780083212	Translations on USSR science and technology: Physical sciences and technology, GUO 4/78	1978
19780083213	Translations on USSR science and technology: Physical sciences and technology	1978
19780083214	Translations on USSR science and technology physical science and technology	1978
19780083275	Fiscal year 1977 summary university	1978
19780083276	Delegation of authority: To act in matters pertaining to equal opportunity programs	1978
19780083357	Customer test of the Helicopter External Gondola System (HEGS)	1978
19780083360	A-10 night/exterior lightning mod evaluation	1978
19780083372	Development of short-duration test techniques and optimal test matrix planning techniques for aircraft gas turbine engines	1978
19780083382	Test and evaluation of the modularized liquid oxygen generator, model LOX 30	1978
19780083464	Long-term corrosion evaluation of seawater flexible pipe connections (RISIC)	1978
19780083506	Worldwide Airborne Command Post electromagnetic and frequency compatibility test EC-135	1978
19780083509	Concept evaluation of transportable surveillance radar	1978
19780083603	Lightweight Amphibious Container Handler (LACH)	1978
19780083624	Assessment of shipboard energy storage	1978
19780083710	Results of research conducted at the Institute of high temperatures in 1976	1978
19780083736	Nondiscrimination policies and procedures applicable to NASA participation in public events	1978
19780083737	Role and responsibilities: Director, Supply and Equipment Management Div.	1978
19780083738	Administrator's fund	1978
19780083826	Investigation of lightning protection techniques for modern military aircraft fuel systems	1978
19780083873	Analysis of Apollo-16 and Skylab UV camera data	1978
19780083880	France: Nuclear, missile, and space developments	1978
19780083881	Testing of Drakkar propulsion system for Ariane launcher described	1978
19780083882	Vizir restores the images transmitted by the Meteostat satellite: Meteostat photoretrieval described	1978
19780083883	France studying a cruise missile: Cruise missile questions discussed	1978
19780083889	Comparative analysis of technical performance and cost-benefits of reentry vehicle ground and flight test facilities. Volume 1: Technical performance and benefit-cost analysis	1978
19780083890	Comparative analysis of technical performance cost benefits of reentry vehicle ground and flight test facilities. Volume 2. Cost estimation, discounting procedures and life-cycle costs	1978
19780083901	Advanced data processing hardware concepts for midcourse D3 and C3. Critical DP technology issues for BMD	1978
19780084022	Limited evaluation of LUU-2C/B flare	1978
19780084091	Translations on USSR science and technology: Physical Sciences and Technology (FOUO 12/78)	1978
19780084092	Subsurface radar	1978
19780084093	Nonparametric detection of signals	1978
19780084094	The decorrelation of returns from a subjacent surface in a moving radar	1978
19780084132	Construction and evaluation of a photon-counting imaging detector using microchannel plates	1978
19780084177	Noncontact methods for measuring oceanographic parameters	1978
19780084178	Principal requirements on large-scale oceanographic information	1978
19780084179	Spatial-spectral characteristics of remote-sensing instruments and their correction	1978
19780084180	Restoration of physical fields in the ocean from measurements on several linear trajectories	1978
19780084181	Characteristics of the radar method for determining the height of sea waves by multifrequency sounding	1978
19780084182	Possibilities of determining wave parameters from great altitudes	1978
19780084183	Radar apparatus for measuring the spatial-temporal characteristics of sea waves	1978
19780084184	Possibility of measuring the slopes of sea waves from the spatial correlation function of a reflected signal	1978
19780084185	Some problems in the method for measuring the parameters of waves by laser remote methods using artificial earth satellites	1978
19780084186	Measurement of the height of sea waves from a rapidly moving carrier of a doppler radar wave recorder	1978
19780084187	Measuring the height of sea waves using the correlation coefficient of frequency-spaced reflected radio signals	1978
19780084188	Determination of the state of the sea surface from polarization microwave measurements	1978
19780084189	Model computations of microwave emission of sea surface accompanying swell and mixed waves	1978
19780084190	Results of remote measurements of parameters of sea waves and characteristics of radar signals from the scientific research ship Biolog on the Caspian expedition of 1975	1978
19780084191	Results of measurements of parameters of sea waves using a multichannel noncoherent doppler radar wave recorder	1978
19780084192	Airborne multichannel doppler radar wave recorder and its possibilities for measuring wave parameters	1978
19780084193	Use of a thermovertical for investigating the parameters of sea waves	1978
19780084194	Method for separating the components of sea waves and interpretation of radar measurements of wave heights	1978
19780084195	Method for measuring the spatial structure of sea waves by contact methods	1978
19780084196	Some important problems in measuring waves by noncontact methods	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084197	Use of remote acoustic methods for multisided investigations of the state of the sea surface	1978
19780084198	Instrument complex for measuring the characteristics of the sea surface by the acoustic sounding method	1978
19780084199	Filtering of the spectrum of sea waves using a wave recorder of finite dimensions	1978
19780084200	Frequency spectrum of fluctuations of the amplitude of signals scattered by a wave-covered water surface during local irradiation	1978
19780084201	Frequency spectrum of the envelopes of pulsed signals scattered by a wave-covered water surface	1978
19780084202	Laser altimetry as a method for investigating fluctuations of the level of the world ocean from an artificial earth satellite	1978
19780084203	Use of a continuous-action radar for measuring wave heights and sea level	1978
19780084204	Peculiarities of determination of a map and intensity of contamination of the sea surface by petroleum products using the radar method	1978
19780084205	Radar sounding of the petroleum film on the sea from an aircraft	1978
19780084206	Methods for detecting the petroleum contamination of water	1978
19780084208	Apparatus for detecting petroleum contamination of water by optical ranging	1978
19780084209	Infrared radiometers for noncontact measurement of the temperature of the water surface and other geophysical objects	1978
19780084210	Indication of the age stages of the ice cover of seas from its characteristic thermal radiation in the infrared range	1978
19780084211	Influence of flight speed of a radar carrier on the spectra of the envelope of a reflected signal in the microwave range	1978
19780084212	Correlation functions of the envelope of a radar signal reflected from real terrestrial surfaces	1978
19780084247	Application of software engineering technology to the MUST program	1978
19780084310	Is there mass loss in Beta Canis Majoris stars?	1978
19780084315	Translations on USSR science and technology: Sciences, Biomedical and behavioral sciences	1978
19780084316	Operator performance effectiveness in short-term processes of signal detection	1978
19780084317	Role of engineering psychology in development of hydroacoustic surveillance systems	1978
19780084318	Microbiological fuel production	1978
19780084329	A cost-benefit analysis of the Navy Emergency Air Cargo Delivery System (NEACDS). Volume 1: Main text. Appendix A: Methodology. Appendix B: Supplementary analysis	1978
19780084330	A cost-benefit analysis of the Navy Emergency Air Cargo Delivery System (NEACDS). Volume 3, appendix D: Mission analysis output tables	1978
19780084341	YAV-8B inlet development static and high speed test program, series 2	1978
19780084439	Current Awareness Bulletin, issue no. 30	1978
19780084458	Solid reactant fluorine generator	1978
19780084465	The international system of units SI	1978
19780084466	Lighter, Air Cushion Vehicle, 30-ton (LACV-30). Operational test 2, volume 1	1978
19780084467	Lighter, Air Cushion Vehicle, 30-ton (LACV-30). Operational test 2, volume 2	1978
19780084540	A methodology for development of simple scaling laws for high energy CW laser propagation	1978
19780084541	Nuclear analysis and technology assessment wideband optical/infrared receivers and testing	1978
19780084555	Packaged liquid test vehicle 2/C3: Investigation of oxidant tank long term storage trial	1978
19780084579	Translations on USSR science and technology: Physical sciences and technology, FOUO 10/78	1978
19780084580	Management of Science and Information, chapter 6	1978
19780084581	Fine structure of thermal boundary layer in water at water-air interface	1978
19780084582	Detecting oil pollution of water with scanning optical detector	1978
19780084583	Translations on USSR science and technology: Physical sciences and technology, FOUO 13/78	1978
19780084584	Space photographs in geology	1978
19780084585	Possibility of using Fourier spectra in aerial photography	1978
19780084586	Activities of Salyut 6 described	1978
19780084587	Induction sounding of the earth's crust in the Urals using an MHD generator	1978
19780084588	Temperature of the skin layer of the ocean	1978
19780084589	Translations on USSR science and technology: Physical sciences and technology, FOUO 14/78	1978
19780084590	Some aspects of the theory of optimum multichannel filters used in seismic surveying	1978
19780084591	Comparative evaluation of the efficiency of linear multichannel systems during the separation of regular waves with fluctuating parameters	1978
19780084592	Choosing the algorithm for the instrumental realization of digital automatic amplitude control	1978
19780084593	On equivalence in the extrapolation of magnetic and gravitational anomalies	1978
19780084594	An approximation method for solving the inverse problem of gravimetric and magnetic surveying	1978
19780084595	Deep seismic profiling by the reflected wave method (GSP-MOV) in studies of the oceanic crust's structure	1978
19780084596	Predicting the yield of an oil and gas bearing bed prior to borehole drilling	1978
19780084598	Where will the energy come from in 1987	1978
19780084606	Translations on eastern Europe: Scientific affairs, FOUO 3/78	1978
19780084607	The challenge of molecular biology	1978
19780084608	Military Medical Journal, no. 8, 1977	1978
19780084609	Functional state of hypothalamus-hypophysis-adrenal cortex system as a norm-setting criterion for SHF electromagnetic radiations	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780084610	Tolerance of coriolis accelerations and some questions in vestibular selection	1978
19780084611	Reexamination in a pressure chamber of pilots with lowered hypoxia tolerance	1978
19780084662	Translations on USSR science and technology. Physical sciences and technology, FOUO 11/78	1978
19780084663	Experimental studies of hydrodynamic instability in the ocean	1978
19780084664	Systems and Equipment for Exchanging Information in Computer Center Networks	1978
19780084665	National and Multinational Electronic Data Processing Systems	1978
19780084673	Surveillance: Army stockpiled M-21 reefing line cutters	1978
19780084677	Boundary-layer transition mapping on an oscillating 4-deg cone in a hypersonic stream by means of dynamic heat-transfer measurements	1978
19780084680	FDTE for standard airdrop, external air transportability, internal air transportability, and low altitude parachute extraction system of selected items of equipment	1978
19780084684	Development test 3 (PVT-C) of air traffic control central, AN/TSW-7A	1978
19780084686	AN/ASN-131 standard precision navigator/GEANS engineering development program	1978
19780084693	E-4A Electromagnetic pulse-hardened windshield evaluation	1978
19780084694	YF-16 Control Configured Vehicle (CCV) operational potential, flying qualities, and performance evaluation	1978
19780084695	SH-3H helicopter/USS Paul F. Foster (DD-964) dynamic interface evaluation	1978
19780084696	YC-141B operational test and evaluation	1978
19780084706	Follow-on operational evaluation of the AV-8A aircraft	1978
19780084708	Y/AV-8B battle damage report	1978
19780084713	FOT and E of the t-38B lead-in fighter	1978
19780084717	Results of the AEDC-ETF airflow contamination investigation: Assessment of particulate contamination characteristics and turbine engine ingestion effects	1978
19780084718	Phase 4 of the TF30-P-412A/414 engine flight evaluation/component improvements tests in the F14A airplane	1978
19780084721	Baseline performance of newly overhauled J75-P-17 turbojet engines	1978
19780084722	Turbine vane and blade coating development	1978
19780084736	Service life test of MK17 rocket motor AIM 9E/J	1978
19780084737	The broken arm program	1978
19780084752	Evaluation of the United Technologies FW-5 S/N 2605-2 solid-propellant rocket motor at simulated altitude conditions	1978
19780084762	Radiation effects on composites: Bibliography	1978
19780084783	First article explosion bulge testing of HY-130 steel forgings	1978
19780084807	Material characterization of HTPB propellant	1978
19780084810	Bell LVA phase 2B development tests	1978
19780084813	Packet radio communications	1978
19780084819	Analytical field model for a spheroid in a conducting medium: Feasibility evaluation	1978
19780084820	Electromagnetic compatibility measurements for an 8 GHz microwave facility at Bad Munder, Germany: Measurement report	1978
19780084823	Application of PRN phase codes to US BMD radars	1978
19780084826	Multiple-Antenna Surveillance Radar (MASR) experiment. Phase 1: Concept validation system	1978
19780084830	Effect of shells, shapes and orientation of iron particles on the spectral position and shape of the emission attenuation band Q	1978
19780084896	Control console design	1978
19780084901	Pulsed chemical laser flow technology	1978
19780084903	Advanced electron device technology	1978
19780084904	Research program on UV-initiated rare gas halide excimer lasers	1978
19780084906	Generalized simulation techniques applied to marine gas-turbine dynamics	1978
19780084907	An apparatus for measurement of diesel engine mass moment of inertia	1978
19780084915	Laboratory evaluation of a closed Brayton engine with curved recuperator cores	1978
19780084958	On the vibrational attenuations of damped plate structural systems	1978
19780084965	The improved cartographic conversion station	1978
19780084971	Development of diffuse solar cell covers	1978
19780084990	Index of security classification guides	1978
19780085038	Ion source development	1978
19780085043	Near IR absorption and scattering effects	1978
19780085049	Attenuation of light by spherical particles with complex refractive indices	1978
19780085058	Standard base for small-scale thematic maps of the moon	1978
19780085151	France: Nuclear, missile, and space developments	1978
19780085152	Future market for Ariane launchings discussed	1978
19780085153	Ariane launch described in detail	1978
19780085154	Ariane development proceeding on schedule, within cost estimates	1978
19780085155	Ariane launcher improvement program described	1978
19780085156	What follows METEOSAT satellite discussed	1978
19780085157	Oceanographic satellite use described	1978
19780085158	Sirio satellite to be launched by Ariane rocket in 1980	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085159	Firewheel experiment to be carried by Ariane in 1979	1978
19780085160	French space activity, role of CNES discussed	1978
19780085161	CNES use of computer technology outlined	1978
19780085237	Properties of metallized flexible materials in the space environment	1978
19780085255	Translations on USSR science and technology: Physical sciences and technology	1978
19780085256	Computer technology to increase industrial management efficiency	1978
19780085257	Laser air-breathing jet engine	1978
19780085258	Pulse-discharge heated copper vapor laser	1978
19780085302	Jam resistant communications for tactical aircraft (phase 1) (U)	1978
19780085309	Deception systems employment (U)	1978
19780085321	Mini TWT expendable Jammer (U)	1978
19780085349	Laser plume interaction (U)	1978
19780085373	Workshop Summary, Caribbean Plate and Geodynamics	1978
19780085374	Geodynamics in Central America: A proposed NASA/OSTA program	1978
19780085375	Caribbean Plate Workshop	1978
19780085376	The Caribbean Plate: Some interesting aspects	1978
19780085377	Airborne instrumentation research program	1978
19780085378	Mid-term report of working group 2: Geodynamics of the Eastern Pacific Region, Caribbean and Scotia arcs	1978
19780085379	Geodynamic activities in the Caribbean area	1978
19780085380	Catalogue of satellite photography of the active volcanoes of the world	1978
19780085381	Development and evaluation of a prototype global volcano surveillance system utilizing the ERTS-1 satellite data collection system	1978
19780085382	Statement of Dr. Anthony J. Calio, Associate Administrator for Space and Terrestrial Applications, National Aeronautics and Space Administration, before the Subcommittee of Space Science and Applications, Committee on Science and Technology, house of Representatives	1978
19780085383	OFT-2 experiments	1978
19780085384	Skylab earth resources investigations	1978
19780085385	Skylab earth resources experiment package. 300 series: Continental water resources	1978
19780085398	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780085399	Fatigue, its subjective diagnosis discussed	1978
19780085400	Technology requirements and planning criteria for closed life support systems for manned space missions	1978
19780085446	Translations on USSR science and technology: Physical sciences and technology	1978
19780085447	Development of automated management systems in industry	1978
19780085448	Technology transfer: Transportation	1978
19780085451	Minutes of Workshop on Mars Petrology	1978
19780085452	Workshop on Mars Petrology Summary	1978
19780085453	Abstracts of workshop talks	1978
19780085454	Minutes of Workshop on Mars Petrology. Subgroup summaries	1978
19780085455	Compilation of homework questionnaire	1978
19780085462	France: Nuclear, missile, and space development	1978
19780085463	Construction of Earth observation satellite decided	1978
19780085464	Further details on CNES budget for 1978 provided	1978
19780085465	Initial test of Ariane second stage noted	1978
19780085467	Advanced Development Verification Test-Government (ADV-T-G) of the Automatic inspection, Diagnostic and Prognostic System (AIDAPS)	1978
19780085481	Aerodynamic loads and separation characteristics of several stores from the f-16 aircraft at Mach numbers from 0.4 to 1.3	1978
19780085482	Basic aerodynamic data for a vectored-engine-over-wing configuration	1978
19780085483	Air-launched balloon system	1978
19780085488	Rapid cockpit closure removal	1978
19780085489	CKU-5/A rocket catapult first article program	1978
19780085506	Evaluation of Triple Store Carrier (TSC-GY) on the F-4 using selected USAF inventory munitions	1978
19780085509	Remotely Piloted Vehicle (RPV) alternative over-the-horizon detection, classification, and targeting weapons systems	1978
19780085512	Performance demonstration of a dual piston ejector rack BRU-2/A configured with a remotely controlled rotary orifice	1978
19780085520	DOT and E of F-4E digital target intercept computer (LRU-1) (U)	1978
19780085532	Operational evaluation of the inflight engine condition monitoring system	1978
19780085536	Advanced Multipurpose Surfacing System (AMSS) evaluation at Patuxent River, NAS	1978
19780085537	Flight test and evaluation of the ACLS mode of the Carrier Landing Aid Stabilization System (CLASS) aboard USS KITTY HAWK (CV-63)	1978
19780085543	Engineering handbook on space technology	1978
19780085561	Story of the chief designer-creator of lunar and interplanetary automatic stations	1978
19780085573	Interceptor technology testbed program. Phase 1: Vehicle definition study executive summary report (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085575	Follow-on operational evaluation of Phoenix (U)	1978
19780085602	Translations on USSR science and technology: Physical sciences and technology. Systems for space vehicle orientation and stabilization	1978
19780085603	General information on spacecraft orientation and stabilization systems	1978
19780085604	Principles for construction of passive stabilization systems	1978
19780085613	Quality assurance testing of the Thiokol TE-M-604-02 solid-propellant rocket motor at simulated altitude conditions. Phase 2: Motor preconditioned at 115 deg	1978
19780085614	Inorganic microfiber melt combustion chamber	1978
19780085627	Mark V CO/H ₂ (carbon monoxide/hydrogen) burner system	1978
19780085647	Binder properties optimization	1978
19780085651	Cryogenic refrigerator for HALO program	1978
19780085653	Translations on USSR science and technology: Physical sciences and technology	1978
19780085654	The effect of microwave energy on matter	1978
19780085655	Experience with the creation of an instrument industry product quality control system discussed	1978
19780085656	Theory of wave excitation in piezocrystals by narrow metal electrodes	1978
19780085657	Principles of the automatic control of space nuclear power plants	1978
19780085658	Meteorological lidars	1978
19780085659	Measuring the characteristics of underlying surfaces	1978
19780085660	Prospects for meteorological laser measurements	1978
19780085661	Conclusions from volume on meteorological use of lasers	1978
19780085662	An acoustical model of the ocean	1978
19780085663	The field of subsurface waves in the ocean	1978
19780085664	A gradient acoustico-hydrological model of the ocean	1978
19780085665	Models and simulated machine experiments in statistical hydroacoustics	1978
19780085666	Production of high-caloric thermal coal fuel from Kansk-Achinskii lignite	1978
19780085669	Operational test 3 of AN/ARC-115A VHF/AM communications radio	1978
19780085670	Development test 3 of AN/ARN-123(V) radio receiving set and the R-1963(V) ARN radio receiver	1978
19780085680	Communications jamming: Findings, conclusions, and recommendations (U)	1978
19780085693	CCD'S for multi-gigabit recording applications	1978
19780085695	Process-oriented, high-injection circuit models for integrated bipolar junction transistors, part 2, volume 1	1978
19780085696	Physical electronics: Selected articles	1978
19780085703	Aerothermal evaluation of thermal protection system materials for the National Hypersonic Flight Research Facility	1978
19780085727	Translations on USSR science and technology: Physical sciences and technology	1978
19780085728	On the determination of an antenna directional pattern based on discrete near field values	1978
19780085729	Traveling wave tube with a radiated power of kW at 38 GHz for underwater operation	1978
19780085730	State of the art and prospects for development of ferroprobe magnetometry	1978
19780085731	Installation for simulating the Earth's magnetic field	1978
19780085732	Magnetic elements in a difference intensity meter	1978
19780085733	Determining excess mass by gravity anomalies	1978
19780085734	Calculating the gravity effect of unconsolidated deposits from data of multidimensional regression analysis	1978
19780085735	Using phototriangulation in gravimetric surveying in the Transbaykal area	1978
19780085736	Vertical and relief coverage of regional gravimetric surveys by the analytical phototriangulation method	1978
19780085737	Commentary on features of second-generation Salyut station	1978
19780085738	Study of time dependence and energy of pulsed atomic gas lasers in a magnetic field	1978
19780085747	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780085748	Main principles of enzyme stabilization: Enzyme thermostability increased by mechanical insertion of their molecules in tight pores of an inert vehicle	1978
19780085749	Some laws governing erroneous human reactions	1978
19780085750	Use of the spectra analysis method to study the mechanisms of human muscular activity control in posture maintenance	1978
19780085751	Mutual induction eye micro-and macromovement measuring unit	1978
19780085753	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780085754	Experience in engineering: Psychological design of symbols for displays	1978
19780085757	The T-2 holdback head clearance tests	1978
19780085762	Computers and programming, chapters 7 and 8	1978
19780085765	Adjustment in the sense of minimal maximum errors	1978
19780085775	Influencing the ionization degree by diffusion and mass flows in plasma	1978
19780085777	Reinforcement of corundum single crystals	1978
19780085778	Study of wavelength conversion concept	1978
19780085793	Aviation engineer's handbook, part 3	1978
19780085794	CH53E component remove and replace demonstration	1978
19780085808	Test loading A/S32P-15 crash/rescue vehicle on C-5 aircraft	1978
19780085811	Operational evaluation of the T-44A aircraft	1978
19780085813	Compatibility test of the GBU-16/B on the F-111E aircraft	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780085815	A flight test technique and data reduction procedure for determining aircraft flexible gunnery system accuracy	1978
19780085816	Navy technical evaluation of the F-14A air-to-ground weapons compatibility	1978
19780085831	Repair and restoration of paved surfaces. Report 1: Bomb damage repair field trials, June 1975 - November 1976	1978
19780085832	Feasibility studies of chromatographic separation processes under zero gravity conditions	1978
19780085841	Data processing for defense against MaRV, volume 2	1978
19780085846	Mission operation report: Delta launch Orbital Test Satellite ESA/OTS-b	1978
19780085865	Advanced research center experimental configuration and analysis	1978
19780085867	Electromagnetic compatibility hardening of surface launched unit, fuel air explosive launcher	1978
19780085868	Test report. SLUFAE elevation drive system environmental tests program	1978
19780085870	Encapsulated harpoon corrective action program	1978
19780085875	Method of reducing distance determined by the laser telemeter onto the geodetic reference surface with the use of the measurement set theodolite-laser telemeterrefractometer	1978
19780085894	Free flight rocket motor technology, phase 2	1978
19780085913	High temperature carbides	1978
19780085923	Improvement of the quality of 10KhSND converter steel for thick-sheet rolled stock using the method of electroslag remelting	1978
19780085927	Copper and copper-alloy corrosion inhibition of hydraulic fluids	1978
19780085928	Investigation of trimetal material growth	1978
19780085937	Logistics service test, MIL-L-23699 engine oil	1978
19780085944	Technological calculation of fuel separators	1978
19780085945	Simultaneous yellow smoke/yellow flame compositions	1978
19780085951	Manufacturing methods and technology for the establishment of production techniques for a split-cycle stirling cryogenic cooler	1978
19780085952	Translations on USSR science and technology: Physical sciences and technology	1978
19780085953	Automated control systems for transportation discussed, development forecast	1978
19780085954	New instruments and equipment for automation described	1978
19780085955	New instruments and means of automation	1978
19780085956	Interference-free reception of shortwave signals on a channel with concentrated noise	1978
19780085957	More on radio wave reflections from the sea surface	1978
19780085958	New metallurgical process	1978
19780085966	Monopulse tracking with adaptive arrays	1978
19780085968	AN/DLQ-3 METE II/III ECM Pod A-7 and A-6 compatibility tests	1978
19780085969	DAV and FCC Docket 19311 compliance test report	1978
19780085971	Private line interface development. Packet network security. Unix system development. Pluribus satellite IMP development. Tip flow control	1978
19780085973	Covert data link communications for manned and unmanned aircraft	1978
19780085976	Translations on telecommunications policy, research and development	1978
19780085977	Intersputnik international satellite communications system	1978
19780085987	Alternate sources for MS17335 and MS28133 converters	1978
19780085993	Bipolar medium-scale integrated circuit hardening, phase 2	1978
19780085996	X-ray lithographic techniques for fabricating integrated circuits	1978
19780085997	Expanded family of high-density double-entry CMOS/SOS standard cells	1978
19780086004	Investigation of mixed flows in radial nozzles of MHD generators	1978
19780086006	Bronze low-pressure union leak evaluation	1978
19780086012	Holographic storage in crystals and coherent light amplification	1978
19780086013	Recording of phase holograms in lithium niobate crystals	1978
19780086014	Test and evaluation of the King concept imagemaker processor	1978
19780086019	Effect of laser radiation on nitrides of transition metals of groups 4-5	1978
19780086020	Reflectivity alteration measurements program	1978
19780086058	Experimental investigation of the stability of circular cylindrical shells under the action of axisymmetrical pressure	1978
19780086061	Translations on USSR science and technology: Physical sciences and technology	1978
19780086062	Feature article on first 84 days of Salyut-6 mission	1978
19780086063	Recent Soviet space accomplishments detailed	1978
19780086064	Fine structure of physical fields in the ocean	1978
19780086065	Cold temperature skin layer of the ocean	1978
19780086066	Longitudinal wave fields for a generalized seismic model of an oceanic type crust	1978
19780086067	Seismic properties of the earth's crust and upper mantle in the northwestern part of the Pacific Ocean	1978
19780086068	Structure and velocity parameters of the earth's crust and upper mantle in the Far East	1978
19780086069	Bouguer anomalies and crustal thickness in the Sea of Japan transitional zone	1978
19780086070	Effect of the sedimentary layer of the Sea of Japan on gravity anomalies and the isostatic state of the earth's crust	1978
19780086071	Meteorology and Hydrology, No. 12, December 1977	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086072	Principal directions in agrometeorological research	1978
19780086073	Evaluation of the information yield from a system of aerological and satellite measurements	1978
19780086074	Determining the initial wind field for a weather forecasting model	1978
19780086075	Interlatitudinal exchange of moment of momentum	1978
19780086076	Climatic variations and frequency of recurrence of tropical cyclones in the North Atlantic	1978
19780086077	Prediction of the probability of phenomena using statistical models	1978
19780086078	Correlation between the atmospheric content of water vapor and the characteristics of air humidity at the earth's surface	1978
19780086079	Spectral analysis of vectorial time series of sea current velocities	1978
19780086080	Accuracy in computing the relative isobaric topography and relative velocity of geostrophic sea currents	1978
19780086081	Economic importance of hydrological regime information for arctic navigation	1978
19780086082	Influence of river flow turbulence on bottom relief	1978
19780086083	Distribution of heat balance components during the period of the Atlantic tropical experiment	1978
19780086084	On the problem of variational assimilation of meteorological fields	1978
19780086087	Special cases of solving the inverse geodetic problem over great distances	1978
19780086088	Compilation of a lunar topographic map, scale 1:50,000, for the operating area of Lunokhod-2	1978
19780086089	New techniques and their instruments for geodesy	1978
19780086090	Concerning the results of zenith distance measurements using the compensation method of allowing for refraction	1978
19780086093	Magneto-gaseous or magneto-hydrodynamic energy conversion units	1978
19780086097	Quantitative measurement of aerosol particles with an energy dispersive X-ray spectrometer	1978
19780086107	Feasibility study of plastic-lined piping for use in submarine trim and drain systems	1978
19780086110	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780086111	Psychological analysis of relations that develop during interrogation and confrontation	1978
19780086112	Designs of multiple electrodes and methods of implanting them in the human brain	1978
19780086113	Significance of sleep in regulation of bioelectrical processes in the brain	1978
19780086114	Psychophysical measurement of human sensory system sensitivity	1978
19780086115	Translations on USSR science and technology: Biomedical and behavioral sciences (FOUO 14/78)	1978
19780086116	Problems of hyperbaric oxygenation	1978
19780086117	Role of physiology in psychology and mental disorders	1978
19780086118	Relationship between biological and social factors in the psychiatric aspect	1978
19780086119	Book studies methods of measuring fatigue	1978
19780086120	Translations on USSR Science and Technology: Biomedical and behavioral Sciences	1978
19780086121	Aviation operator characteristics, selection, and training analyzed	1978
19780086122	Recording of magnetic fields in man	1978
19780086123	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780086124	Methods for investigating perception of signs of emotional state of man	1978
19780086125	International Symposium on Structure and function of commissural system of the brain	1978
19780086126	Questions of physiology and biochemistry of temporary associations discussed at the Fifth International Neurobiological Symposium	1978
19780086127	Photosynthesis as the prototype of a new form of solar energy: The chlorophyll system of photosynthesis	1978
19780086128	Adaptive model for diagnosis and prediction of the functional state of the brain	1978
19780086148	Information materials: Cybernetics	1978
19780086158	Data processing for advanced midcourse optical sensor technology development requirements	1978
19780086159	Fiber optic communications technology investigation, phase 2	1978
19780086161	Estimation of the scale spectrum and refractive index of aerosol based on spectral measurements	1978
19780086162	Estimation of the distribution smoothness in inverse problems of aerosol light scattering	1978
19780086163	Linear space-variant image restoration of photon-limited images	1978
19780086164	Acousto-optic correlation techniques	1978
19780086165	Dependence of the Hall effect of a nonequilibrium plasma on electron concentration	1978
19780086173	Technology Application Center	1978
19780086179	Analysis of projections for current lunar charts	1978
19780086182	Translations on USSR science and technology: Physical sciences and technology	1978
19780086183	Designing, setting up large computing systems for scientific research	1978
19780086184	Computer conferences, seminar reviewed	1978
19780086185	Characteristics of vertical structure of sea turbulence	1978
19780086186	Measurement of internal waves by an electric contact device	1978
19780086187	Apparatus and method for calibrating small velocity sensors	1978
19780086188	Laser induced radiation collisions, survey article	1978
19780086189	Magnetohydrodynamic pulse generators and deep electromagnetic sounding of the earth's crust	1978
19780086193	Aerodynamic characteristics of the AGM-65A Maverick missile in the flow field of the F-16 aircraft at Mach numbers from 0.70 to 1.20	1978
19780086194	Aerodynamic characteristics of several proposed configurations of the combined effects of bomblet at wind velocities from 100 through 400 FT/SEC	1978
19780086215	Initial operational test and evaluation multiplace life raft container	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086219	Exploratory studies on helicopter take-off repeatability for noise-certification procedures	1978
19780086220	Reliability and maintainability demonstration of the T-44A airplane	1978
19780086223	Model T-44A performance demonstration	1978
19780086227	Investigation of F-14A in-flight refueling and navigation system anomalies	1978
19780086229	Rework of flow housing of bleed air regulator for Navy F-14 aircraft airesearch part 898726-1	1978
19780086230	Structural Technology Evaluation Program (STEP). Volume 1: Basic technical report	1978
19780086231	Structural Technology Evaluation Program (STEP). Volume 2: Users manual for executive system	1978
19780086232	Structural Technology Evaluation Program (STEP). Volume 3: Users manual for structural synthesis	1978
19780086233	Structural Technology Evaluation Program (STEP). Volume 4: Users manual for parts definition - spars	1978
19780086234	Structural Technology Evaluation Program (STEP). Volume 5: Users manual for parts definition - skin panels	1978
19780086235	Structural Technology Evaluation Program (STEP). Volume 6: Users manual for parts difinition - ribs	1978
19780086236	Structural Technology Evaluation Program (STEP). Volume 7: Users manual for parts definition - leading/trailing edges	1978
19780086237	Structural Technology Evaluation Program (STEP). Volume 8: Users manual for parts definition - fuselage structure	1978
19780086238	Structural Technology Evaluation Program (STEP). Volume 9: Users manual for fuselage penalties	1978
19780086239	Structural Technology Evaluation Program (STEP). Volume 10: Users manual for standard hours	1978
19780086240	Structural Technology Evaluation Program (STEP). Volume 11: Users manual for material cost	1978
19780086241	Structural Technology Evaluation Program (STEP). Volume 12: Users manual for tooling cost	1978
19780086242	Structural Technology Evaluation Program (STEP). Volume 13: Users manual for engineering cost	1978
19780086243	Structural Technology Evaluation Program (STEP). Volume 14: Users manual for program cost	1978
19780086244	Structural Technology Evaluation Program (STEP). Volume 15: Users manual for direct operating cost	1978
19780086245	Structural Technology Evaluation Program (STEP). Volume 16: Users manual for return-on-investment	1978
19780086246	Limited performance evaluation of the HH-53C helicopter with the T64-GE-7A engine	1978
19780086252	Foreign developments in cargo handling equipment	1978
19780086253	Customer service test modifications C, E, and F of the family of helicopter external slings	1978
19780086255	Evaluation of modified head-up display for the A-10A	1978
19780086258	Installation and test of A-7 airplane digital jet engine monitoring system	1978
19780086262	NKC-135A airborne laser laboratory (cycle III) flight flutter test program	1978
19780086264	Test and evaluation of armament handling equipment associated with transporting and loading the Quickstrike EX-62 and EX-65 mines to A-6, A-7 and P-3 aircraft	1978
19780086266	C-135B simulator visual subsystem	1978
19780086269	Translations on eastern Europe: Scientific affairs	1978
19780086270	CSSR experiments on Soyuz 28 flight described	1978
19780086271	On the accuracy of determining satellite orbits from measurements of their radial velocity	1978
19780086283	A method to compute null range vector parameters	1978
19780086288	France: Nuclear, missile, and space developments	1978
19780086289	Favorable decisions for Ariane and H-SAT made	1978
19780086290	Immediate production run of five Ariane rockets authorized	1978
19780086291	True costs of Ariane rockets evaluated	1978
19780086297	CONTRAIL: A computer code for calculating the visible contrast of a rocket exhaust smoke trail	1978
19780086300	Development testing of the AJ10-138A improved transtage injector program (ITIP) engine	1978
19780086302	Stress analysis and hydrostatic test of paper phenolic motor case bonded closures	1978
19780086303	Analysis of gas dynamic parameters affecting modeling of rocket plume radiance	1978
19780086304	Altitude performance of five Thiokol Corporation TE-345 Titan II vernier motors having ages ranging from 135 to 177 months	1978
19780086305	Simulated altitude performance of five Thiokol Corporation TE-344 Titan 2 retromotors having ages of 172 to 179 months	1978
19780086308	Use of composite materials in airframes	1978
19780086316	Isopropyl nitrate and mixtures: Compatibility of materials and thermal decomposition of the liquid phase	1978
19780086321	Solid reactant fluorine generator study	1978
19780086325	Flashless die forging of titanium alloys in the state of superplasticity	1978
19780086347	Friction stimuli studies in blending operations	1978
19780086350	Translations on USSR Science and technology: Physical sciences and technology	1978
19780086351	Equipment of the secondary digital transmission system IKM-120 described	1978
19780086352	Equipment for measuring radiation patterns of shortwave, medium-wave, and long-wave transmitting antennas described	1978
19780086353	Onboard aircraft navigational and landing complexes	1978
19780086354	Analysis of the detection characteristics of digital filtration systems in the transient mode	1978
19780086355	Time window synthesis for digital signal processors	1978
19780086357	Translations on USSR science and technology: Physical sciences and technology	1978
19780086358	The Young Scientists Conference on Programming systems	1978
19780086359	Hydroacoustic instruments discussed	1978
19780086360	Thermalization of molecular gas with resonant stimulation by laser emission	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086361	Breakdown of gases close to solid targets by pulsed CO2 laser emission	1978
19780086362	Thermal self-stressing of laser beams on inhomogeneous atmospheric routes	1978
19780086369	Investigation of AN/TRC-97A performance in tactical tropospheric scatter communication links	1978
19780086372	Low data rate linear predictive encoder	1978
19780086377	HF/VHF, ECM/ELINT, high power, directional rotary-wing aircraft antenna	1978
19780086379	A study of the thermal performance of a pin fin corona wind cold plate for use in avionics	1978
19780086380	NonComm EW training device	1978
19780086381	Combat echo weapon system evaluation program: Air attack options for strike forces, scenario 78-3	1978
19780086382	Microstrip phased array antennas, volume 1	1978
19780086384	Radiation effects in MOS integrated circuits	1978
19780086392	Qualification verification of EMP PS323 dc to dc converter	1978
19780086394	Ku-band receiver development	1978
19780086409	Ku-Band microwave integrated circuit receiver	1978
19780086420	Pulsed-mode, enclosed wire transducer. Phase 2: Design, fabrication and testing	1978
19780086430	Translations on USSR Science and Technology: Physical Sciences and Technology (FOUO 8/78). Development and design of electronic equipment using integrated microcircuits	1978
19780086449	Pulsed laser-target interaction experiments with the US Army cold cathode electron beam laser	1978
19780086454	Contoured tanks technology study. Volume 1: Summary and results	1978
19780086455	Contoured tanks technology study. Volume 2: Appendixes	1978
19780086456	Right angle gear design utilizing nonrolling contact bearings, part 1	1978
19780086470	An experimental probe-type device for making shipboard exploratory structureborne vibratory measurements	1978
19780086471	Acoustical holographic inspection of degraded bonds	1978
19780086473	Investigation of the reduction of the target strength of a flat steel test plate	1978
19780086474	Meteorology and Hydrology, no. 1, January 1978	1978
19780086475	Use of Haar series in constructing difference schemes for solving meteorological problems	1978
19780086476	Some results of the expedition Tayfun-75 in the equatorial zone of the Pacific Ocean	1978
19780086477	Characteristics of boundary and near-water layers in tropical cyclones	1978
19780086478	Possibility of determining the dates of change in stratospheric circulation using data for a limited territory	1978
19780086479	Formulating investigations of background characteristics of atmospheric contamination	1978
19780086480	Application of semi-empirical turbulence theory to computations of water salinity in an area of sea and river mouth mixing	1978
19780086481	One stationary problem in mesoceanology	1978
19780086482	Mathematical model of computations of the spring high-water hydrograph for lowland swampy basins	1978
19780086483	Long-range prediction of the hydrograph of spring inflow of water in to the Tsimlyanskoye reservoir	1978
19780086484	Determination of the depth of freezing of soils in the Urals and western Siberia for construction purposes	1978
19780086485	Agrometeorological servicing of agriculture	1978
19780086486	Collection of data in the first global experiment GARP	1978
19780086487	Use of parametric linear discriminant analysis for prediction of large air temperature anomalies	1978
19780086488	Intradiurnal changes in evaporation from the land surface	1978
19780086489	Information evaluations of the effectiveness of an automated network rocket system for sounding of the atmosphere	1978
19780086490	Some experimental data on the correlation between the characteristics of the sea surface and radio reflections from it at sighting angles close to vertical	1978
19780086493	Numerical processing of multispectral images	1978
19780086501	Plotting program to portray geodetic nets	1978
19780086505	Oceanographic systems program	1978
19780086510	Military Medical Journal, no. 10	1978
19780086511	Formation and development of native aviation medicine during the years of the Soviet authority	1978
19780086512	A change in the corticosteroid composition of the urine under the action of an orthostatic load under conditions of increased weight	1978
19780086516	Translations on USSR Science and Technology: Biomedical and behavioral sciences (FOUO 8/78). Effects of nonionizing electromagnetic radiation	1978
19780086517	Reactions to unperceived stimuli in the presence of functional disturbances of sense organs	1978
19780086518	The role of isolation, environmental deprivation and enrichment in formation of behavior	1978
19780086523	Launch opportunity for air-to-ground, visually delivered weapons	1978
19780086525	Relational data base management study	1978
19780086526	Test and evaluation of commercial equipment software for applicability to the DCS	1978
19780086527	Mathematics for the COMPLX program	1978
19780086529	Space-variant optical signal processing and pattern recognition	1978
19780086533	Vibration and sound scattering of a ribbed plate	1978
19780086534	A mechanism for destruction of order in the 2-d nonlinear sigma model	1978
19780086538	Translations on Eastern Europe: Scientific affairs	1978
19780086539	Construction, use of nuclear reactor for training purposes discussed	1978
19780086540	Laboratory line for the regeneration of irradiated fuel	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086541	Real-time Doppler superresolution with the liquid crystal light modulator	1978
19780086543	Lateral - collection IR detectors	1978
19780086550	Crystallization and heat treatment of thin films	1978
19780086553	Space programs at the Johns Hopkins University Applied Physics Laboratory	1978
19780086556	Methodology for developing pipeline factors	1978
19780086573	Naval Weapons Center 1977 bibliography of publications, films, and patents	1978
19780086575	Model of the gravitational field of the moon using observations on its artificial satellites Luna-10, 12, 14, 19, and 22	1978
19780086577	Operational test of Solar Observing Optical Network (SOON)	1978
19780086578	Translations on USSR science and technology: Physical sciences and technology	1978
19780086579	Grechko's Record space time reviewed	1978
19780086580	The mechanism of the effect of microseisms on the readings of quartz gravimeters on land	1978
19780086581	Translations on USSR science and technology: Physical sciences and technology	1978
19780086582	Dynamics of turbulent spots and intrusions in a stability stratified fluid	1978
19780086583	Experimental investigation of the spreading of a mixed spot in a stratified fluid	1978
19780086584	Investigating the high-temperature deformation of beryllium	1978
19780086585	Geological problems of seas and oceans	1978
19780086586	Translations on USSR science and technology: Physical sciences and technology	1978
19780086587	Prospects for employment of computers in production welding	1978
19780086588	Hydrophysical, hydrooptical studies in the Atlantic, Pacific Oceans	1978
19780086589	Magnetometric variometer with capacitive converter	1978
19780086590	A CO-Ar gas dynamic laser	1978
19780086624	Vulnerability analysis of the AH-1Q, AH-1S, AH-1T, and a representative AAH as evaluated for the AAH COEA (U)	1978
19780086625	A vulnerability analysis of five conceptual tilt rotor aircraft (U)	1978
19780086629	Helicopter against helicopter evasive maneuvers simulation study (U)	1978
19780086630	Operational evaluation of the F-14A/PHOENIX weapons system (U)	1978
19780086672	Detailed test plan development test 2 of Dragon night tracker and support items (U)	1978
19780086685	Evaluation of the DSU-16/B target detector for the AIM-7F SPARROW missile (U)	1978
19780086743	High-band millimeter-wave TWT (U)	1978
19780086753	Military Medical Journal no. 6, 1977	1978
19780086754	Organization of forces medical support, training and indoctrination of medical cadres: Certain aspects of the training of a flight physician	1978
19780086755	Hygiene and physiology in military labor: The effect of an operator's activity on the nature of the changes in auditory sensitivity	1978
19780086756	A method for determining energy expenditures in servicemen	1978
19780086757	Aviation and naval medicine: The effect of active rest on the functional status of the cardiovascular system and the physical endurance of flight personnel	1978
19780086758	The effect of meteorological factors on the night adaptation of servicemen	1978
19780086763	Operational evaluation of the AN/AAS-36 (infrared detecting set) (U)	1978
19780086766	Advanced sensor concepts (U)	1978
19780086768	Advanced infrared imaging seeker (A12S) development program, volume 1 (U)	1978
19780086774	Journal of Naval Science, volume 4, number 1, January 1978 (U)	1978
19780086775	A brazing method for silicon carbide-aluminium composites	1978
19780086776	Heat transfer changes due to electric fields	1978
19780086779	Operational test and evaluation naval emergency air cargo delivery system	1978
19780086780	Civil aviation economics	1978
19780086791	Quarterly compilation of abstracts on completed test, experimental, and development Ted projects	1978
19780086802	YAV-8B engine modification qualification test procedure	1978
19780086811	Free flight rocket spin technique development	1978
19780086813	The air defense interceptor missile system simulator technical effort	1978
19780086814	France: Nuclear, missile, and space developments	1978
19780086815	Telecom 1 primary studies to be ready in June	1978
19780086816	Progress of SPOT satellite project reported	1978
19780086817	MARECS, ECS satellites use prepared by Eutelsat	1978
19780086818	New SAMRO military satellite described	1978
19780086819	Direct broadcast TV satellite studied by CNES, TDF	1978
19780086820	Future space projects noted by CNES	1978
19780086824	France: Nuclear, missile, and space developments, no. 443	1978
19780086825	Ariane, space shuttle competitive situation surveyed	1978
19780086828	Translations on USSR science and technology: Physical sciences and technology. Systems for space vehicle orientation and stabilization, part 2	1978
19780086829	Principles of the construction and dynamics of gas jet preliminary stabilizing systems for passive stabilization systems	1978
19780086830	Study of the dynamics of the satellite stabilized by rotation	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086831	Study of the dynamics of a spacecraft stabilized with the help of the sun's rays	1978
19780086832	Improving the precision of the gravitational stabilization systems by decreasing the thermal bending of the stabilizer	1978
19780086833	Study of the dynamics of passive stabilization systems considering the elasticity of the structural element	1978
19780086834	Ignition and separation assembly electronics for the surface-launched modular guided glide bomb program	1978
19780086839	Gas adsorption by activated and impregnated carbons	1978
19780086844	Titanium for the national economy	1978
19780086845	Technical-economic problems of expanding production of titanium and its alloys for the national economy	1978
19780086846	Titanium and titanium alloys in the chemical industry	1978
19780086847	Titanium in the chlorine industry	1978
19780086848	Titanium in chemical and petroleum machine building	1978
19780086849	Areas of effective use of titanium in the chemical industry	1978
19780086850	Titanium alloys in the hydrolytic industry	1978
19780086851	Using titanium equipment, method of intensifying hydrometallurgical reductions of nonferrous and ferrous metallurgy	1978
19780086852	Titanium and its alloys in electronic technology	1978
19780086853	Superconducting titanium alloys	1978
19780086854	Titanium in new plants of the nitrogen industry	1978
19780086855	The corrosion resistance of titanium alloys in hydrochloric acid and hydrogen chlorine	1978
19780086856	The corrosion resistance of titanium in chlorine and hydrogen chloride	1978
19780086857	Titanium in production of light-sensitive materials and the experience of operating a separator of AT6 alloy	1978
19780086858	Properties and uses of VT5 and ST1 alloys in internal combustion engines	1978
19780086859	The corrosion resistance of titanium alloys in electrolytes and their use in metal-coating processes	1978
19780086860	Using AT3 titanium alloy in chemical machine building	1978
19780086861	Investigating the weldability, development of the technology and manufacture of apparatus from AT3 alloy	1978
19780086862	The corrosion resistance of titanium-vanadium alloys	1978
19780086863	Increasing the corrosion resistance of titanium by thermal oxidizing	1978
19780086864	Effects of prolonged oxidation of the corrosion resistance and mechanical properties of VT1-0 titanium	1978
19780086865	Chemical and thermal treatment of titanium alloys	1978
19780086869	Explosives and powders	1978
19780086871	Development test 2 of air cushion vehicle, LACV-30 (APG phase)	1978
19780086872	SNiP II-21-75: Construction norms and regulations: Part 2: Planning norms. Chapter 21: Concrete and reinforced concrete structural parts	1978
19780086873	Translations on USSR science and technology: Physical sciences and technology	1978
19780086874	Satellite study of the parameters of the spatial structure of short waves	1978
19780086875	Reception of optical pulsed signals in communications channels with dispersion	1978
19780086876	Application of beam direction-finding in optical communication lines	1978
19780086877	Charging high-pressure tanks for divers	1978
19780086878	Equipment for locomotion underwater	1978
19780086879	Underwater communications and lighting equipment	1978
19780086880	Effect of measurement error correlation on the optimal trajectory measurement program	1978
19780086881	On the characteristics of particle radiation in different classes of undulators	1978
19780086882	Translations on USSR science and technology: Physical sciences and technology	1978
19780086883	Synthesis of compact aggregates of time and frequency matrix signals	1978
19780086884	Selecting optimum design parameters for increasing the maximum speed of ball bearings	1978
19780086885	Comments on Soviet earthquake prediction 6 Jun. 1978 p 7	1978
19780086886	Methods of interpreting seismic observations	1978
19780086887	Vibrosounding of the earth	1978
19780086888	Scattering cross-sections of ultrashort radio waves at the sea's surface	1978
19780086889	Detecting critical phenomena during thermal radio-frequency emissions from a periodically irregular water surface	1978
19780086890	On the principles of the theory of undulatory radiation	1978
19780086891	Translations on USSR science and technology: Physical sciences and technology	1978
19780086892	Calculation of the effective area of a reflecting passive repeater	1978
19780086893	Broadband frequency multipliers with a high multiplicity factor in 0.15-5 GHz range	1978
19780086894	Complex signal synthesis by means of a tapered waveguide	1978
19780086895	Passage of several phase modulated signals through an amplifier with complex nonlinearity	1978
19780086896	Role of reference sensor in autoregression estimates of the spatial spectrum of a random field	1978
19780086897	MHD installations: Research results and outlook for application	1978
19780086898	Seminar on geophysical hydrodynamics under the oceanographic commission of the AS USSR	1978
19780086900	Manual detection sensitivity of OTH-B radar displays	1978
19780086901	Translations on telecommunications policy, research and development	1978
19780086902	Four billion francs for ESA TELECOM satellites	1978
19780086903	Antennas for radiobroadcasting, radio communication, and television	1978
19780086904	Channel-forming equipment gradient-N	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086905	Radio relay equipment in 8-gigahertz range	1978
19780086906	First ESA telecommunications satellite launched	1978
19780086907	Translations on telecommunications policy, research and development	1978
19780086908	Space telecommunications center to open soon	1978
19780086910	Simulation of unwanted modes in a quartz oscillator	1978
19780086912	Integrated circuits in nanosecond nuclear electronics	1978
19780086914	Program to develop a linear electropneumatic power amplifier for US Army R and D Command	1978
19780086916	Simultaneous color development and fixing of color photographic paper	1978
19780086918	Ultraviolet components for high energy applications	1978
19780086924	Evaluation of an Ingersoll-Rand model N3ONL high-pressure oil-free air compressor	1978
19780086925	Proposed solution to ease pre-flight inspection of 1/4 turn fasteners	1978
19780086926	GPZHN type 40 KW gas turbine engine, Ekonomayzer	1978
19780086928	Meteorology and Hydrology No. 2, February 1978	1978
19780086929	Some results of investigation of synoptic eddies in the ocean	1978
19780086930	Winter warnings in the Northern Hemisphere stratosphere	1978
19780086931	Use of satellite information on cloud vortices for determining pressure characteristics	1978
19780086932	Method for supplementing geopotential data over the oceans in the lower troposphere	1978
19780086933	Determining the boundaries of the intertropical convergence zone from the radon concentration	1978
19780086934	Canonical correlation of temperature fields in the atmosphere and ocean	1978
19780086935	Possibilities of the radiohydroacoustic method for investigating ice processes on rivers	1978
19780086936	Empirical formulas for guaranteed probability used in hydrological models	1978
19780086937	Determining cohesive forces and resistance of snow cover to compression	1978
19780086938	Convection, conditional instability and interaction of movements of different scales in the tropics	1978
19780086939	Correlation between solar activity and air temperature at Tbilisi	1978
19780086940	Pressure of saturated water vapor	1978
19780086941	Results of experimental investigations of the accuracy of precipitation measurements in mountains	1978
19780086942	Semiautomatic Curvimeter	1978
19780086943	Aerological observations and investigations of the free atmosphere	1978
19780086944	A hundred years of regular meteorological observations in Amurskaya Oblast	1978
19780086945	Meteorology and hydrology, no. 4, April 1978	1978
19780086946	Nonlinear interaction between planetary waves in the middle troposphere	1978
19780086947	Determining the spectral structure of the temperature and geopotential fields using data from remote measurements	1978
19780086948	Numerical experiments for objective analysis of geopotential fields	1978
19780086949	Two-layer model of the Ekman boundary layer of the atmosphere	1978
19780086950	Remote sensing of environmental contamination	1978
19780086951	Analysis of results of radiothermal sounding of sea surface during storm	1978
19780086952	Effect of drainage measures on rate of streamflow	1978
19780086953	Turbulent exchange in a flow with a ridged bottom	1978
19780086954	Results of comparison of shipboard meteorological data and data from the Meteor ship buoy on the expedition TROPEKS-74	1978
19780086955	Some results of comparative tests of generators of ice-forming aerosols	1978
19780086956	Method for holding a pilot-balloon or light balloon at a fixed altitude for carrying out meteorological observations	1978
19780086957	Meteorological observations from space and their contribution to GARP	1978
19780086958	Investigations of moistening variations	1978
19780086959	Review of scientific and technical information on hydrometeorology	1978
19780086969	Designing scientific complexes	1978
19780086970	Translations on USSR science and technology: Physical sciences and technology	1978
19780086971	Ternary semiconductors: Results of research and prospects for application, a scientific report	1978
19780086972	Electrodynamic principles of machine design of microwave integrated circuits	1978
19780086973	The state of developments in optical cable systems	1978
19780086974	Using outer-space photographic materials in cartography and the investigation of natural resources	1978
19780086975	Oceanographic studies with aid of space vehicles	1978
19780086976	Conference on data retrieval languages	1978
19780086977	Translations on USSR science and technology: Physical sciences and technology	1978
19780086978	Computer and solution of analytical problems of organic chemistry	1978
19780086979	Development of computer systems for transportation management	1978
19780086980	Adaptive algorithm of the stabilization of motion of an automatic walking device	1978
19780086981	Estimation distortions in space television systems caused by disturbances of the satellite orientation	1978
19780086982	Some results of the effects of corpuscular flows on the polar atmosphere	1978
19780086983	Processing aerial photographs by coherent optical methods	1978
19780086984	Four-channel spectrometer for investigating corpuscular radiation in the terrestrial space	1978
19780086985	Analysis of the results of computer processing of the data from two-channel joint television equipment	1978
19780086986	Procedure for joint microwave radiometric and radar studies of clouds and precipitation	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780086987	Possibility of the reproduction of the temperature profile in the atmosphere by satellite measurements of the brightness profile of the atmosphere	1978
19780086988	Quality estimate of television space images	1978
19780086989	Some experimental results in measuring the outgoing infrared radiation from various underlying surfaces	1978
19780086990	Spectral emissivity of certain natural surfaces in the 6 to 15 micron range	1978
19780086995	Angle of attack measurement techniques for weapon system evaluation purposes	1978
19780087000	EC-130G lead acid battery compartment survey	1978
19780087003	E-2 airplane/model 54460-1 propeller hydraulic fluid temperature survey	1978
19780087004	Climatic evaluation of Munters Corporation solid water particle separator	1978
19780087007	France: Nuclear, missile, and space developments	1978
19780087008	ASMP tactical nuclear missile discussed	1978
19780087009	Milan, HOT missiles reported to pierce composite armor	1978
19780087010	New Milan, HOT, Roland missile orders noted	1978
19780087011	Anti-ship supersonic missile study report due shortly	1978
19780087012	Advanced booster control study. Bench and air flow test results from a subscale system	1978
19780087020	Parametric studies of pyrotechnic materials by bomb calorimetry	1978
19780087022	Translations on USSR and science technology: Physical sciences and technology	1978
19780087023	Classification of digital devices used in frequency synthesis equipment	1978
19780087024	Integral parametric band filters for voice-frequency telegraph equipment	1978
19780087025	Selection of the component base for high-speed microprocessor LSI's	1978
19780087026	Microprocessor configuration of bipolar LSI's	1978
19780087027	Super high-speed LSI's on base crystal	1978
19780087028	Translations on USSR science and technology: Physical sciences and technology	1978
19780087029	Carbyne: A new allotropic form of carbon	1978
19780087030	Volume of large phase-manipulated signal systems	1978
19780087031	Reception of weak signals under conditions of joint effect of pulsed and narrow-band radio interference	1978
19780087032	Characteristic of a Bayes receiver	1978
19780087033	Problem of measuring Doppler phase of interference of reflection type from interfering objects	1978
19780087034	Effect of the degree of noise correlation in degenerate parametric reflex amplifiers and their cascade coupling on the sensitivity of radiometers	1978
19780087035	Study of the effect of finite thickness of the electron flux on the characteristics of a crossed-field TWT in the multifrequency mode	1978
19780087036	Possibilities of investigating magnetic fields of waves using towed magnetometers	1978
19780087037	Operations of spacecraft flight control center explained	1978
19780087038	Lasers applied to welding technology using a five-kilowatt laser to weld steel	1978
19780087039	Estimation of thermal processes in laser impulse seam welding	1978
19780087040	Parameters of ring lasers containing optical elements with magnetic circular dichroism	1978
19780087041	Information for management	1978
19780087042	Improving the system of training and upgrading information personnel in this country	1978
19780087045	Electromagnetic vulnerability: A survey of navy capabilities for TESSAC	1978
19780087046	Stationary ground target radar detection and classification bibliography, volume 1	1978
19780087047	Measurements of radar cross section and attenuation of snow-covered terrain	1978
19780087051	Advanced electron device technology	1978
19780087053	Integrated digital magnetometer	1978
19780087054	Optical resonance transfer laser investigation	1978
19780087056	Terrestrial solar engineering applications and technology - foreign	1978
19780087059	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780087060	It is possible to reactivate irreversibly denatured enzymes	1978
19780087061	Plasmid of eschericia coli K-12 which controls ECoRII restriction and modification of DNA	1978
19780087067	Military Medical Journal, No. 1, 1978	1978
19780087068	studying the work capacity of helicopter crews when when based for prolonged periods on naval vessels	1978
19780087069	The work capacity of ship specialists during night watches	1978
19780087070	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780087071	Effect of electrosleep on the body's adaptive capabilities	1978
19780087072	Cardiac contraction rhythm during wakefulness and in different periods of sleep	1978
19780087073	CNV parameters as indicators of integrative and adaptive processes in the presence of different functional states of the central nervous system	1978
19780087074	Operant conditioning of spontaneous and evoked bioelectric brain activity	1978
19780087075	The principles and criteria of physiological classification of types of labor in relation to difficulty and intensity	1978
19780087076	Analysis of human tolerance to cooling in water	1978
19780087081	PI entry station, volume 1	1978
19780087082	PI entry station operator's handbook, volume 2	1978
19780087083	PI entry station computer program manual, volume 3	1978
19780087084	PI entry station communications interface design plan, volume 4	1978
19780087085	Computer-aided design for complex circuits	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087086	Translations on USSR science and technology: Physical sciences and technology	1978
19780087087	Losses of light intensity in multimodal focusing fiber with random bends	1978
19780087088	Selection of wavelengths for beyond the horizon optical communication links	1978
19780087089	Asymptotic methods in synthesis of high-current optoelectronic systems	1978
19780087090	High-detectivity threshold photoreceivers with nZnSe-pGaAs heterojunctions	1978
19780087091	Wave attenuation in an asymmetric gas-dielectric light guide with wall resonances	1978
19780087092	Production and application of integrated circuits in electronic devices	1978
19780087093	Image motion stabilizer cost/performance analysis	1978
19780087108	DT And E/IOT and E of the GBU-15(V)/B cruciform wing weapon and the AN/AXQ-14 data link system (U)	1978
19780087109	DT and E/IOT and E of the GBU-15(V)/B cruciform wing weapon and the AN/AXQ-14 data link system, supplement 1 (U)	1978
19780087111	Evaluation of modified ejection seat for the F-14A airplane	1978
19780087112	Impact of the Advanced Location Strike System (ALSS) on the Global Positioning System (GPS) (U)	1978
19780087134	Advanced airborne command post (E-4B). Initial operational test and evaluation: Annex E. Computer resources	1978
19780087141	Proposed solution to prevent loss of FWD pylon work platform on the H-46 helicopter	1978
19780087142	E-3A/Joint Tactical Information Distribution system (JTIDS) initial operational test and evaluation	1978
19780087147	B-1 exhaust plume effects upon structural temperatures	1978
19780087153	Initial operational evaluation of the CH-53E helicopter	1978
19780087161	Helicopter against helicopter evasive maneuvers follow-on simulation study (U)	1978
19780087164	Air Combat Fighter (ACF) initial operational test and evaluation (U)	1978
19780087174	Study of the effect of the hot gas efflux from VTOL aircraft upon the crew, ship, and aircraft	1978
19780087175	OV-10D engine start tests with constant voltage (potential) charged batteries	1978
19780087177	Engineering evaluation of the sundstrand aviation EPS-02 F-14 emergency power package	1978
19780087182	Continued Engineering Development (CED) phase 1 tests of the F101-GE-100 turbofan engine (engine S/N 470021) (U)	1978
19780087185	Vulnerability reduction study of the Aquila remotely piloted vehicle ground control station to conventional weapon threats using lightweight armor (U)	1978
19780087194	Lightweight heatsink concept development study (U)	1978
19780087199	Documentation tests on the advanced maneuvering re-entry vehicle AMA RV at Mach 14 in the NSWC hypervelocity tunnel (U)	1978
19780087208	Interceptor technology testbed program Phase 1: Vehicle definition study. Task 3: Technology experiment plan	1978
19780087209	Test and evaluation of the production model AN/ASM-464 guided missile launcher test set	1978
19780087210	Command guided terrain following missile system concept	1978
19780087211	Combat sage special engineering report. AIM-7 missile abort failures on the F-4 aircraft	1978
19780087222	PATRIOT system performance against antiradiation missiles (U)	1978
19780087226	Operational evaluation of the air combat maneuvering range (U)	1978
19780087227	Operational evaluation of the F-14A/PHOENIX weapons system (U)	1978
19780087245	Foreign air-to-surface missile vulnerability assessment (U)	1978
19780087276	Data processing technology analysis and integration. Volume 2: CDRL A005 CDRL A007 (U)	1978
19780087278	Combat SAGE special engineering progress report. F-4 Doppler related problems in the AIM-7 weapon system (U)	1978
19780087282	Data processing technology analysis and integration. Volume 3: CDRL A009 (U)	1978
19780087283	Data processing technology analysis and integration. Volume 1: CDRL A004 (U)	1978
19780087284	Anti-tactical ballistic missile requirements study supplementary data (U)	1978
19780087292	Far-term mobile instrumentation study, volume 1	1978
19780087303	Propellant grain with nozzle assembly (C/CAN program)	1978
19780087304	Advanced interceptor control and base burning technology study. Volume 2: External burning propulsion (U)	1978
19780087305	Advanced interceptor control and base burning technology study. Volume 1: Interaction controls (U)	1978
19780087308	Test to measure the factors affecting the formation and visibility of smoke from air-launched missiles (U)	1978
19780087352	The effects of solar radiation on the AN/ASM-442 test set as a result of color and finish changes	1978
19780087353	Studies on preparation of cyanide from calcium cyanamide. Part 2: Solubility product and solubility of silver cyanamide	1978
19780087369	Advanced technology for processing smoke grenades	1978
19780087370	Airblast performance of an obsolete high-energy propellant, VOY-4	1978
19780087371	Synthetic fuels program: Ship atmosphere base line hydrocarbon characterization	1978
19780087373	High energy tough propellant development (U)	1978
19780087374	High energy tough propellant (U)	1978
19780087375	High-energy tough propellant development (U)	1978
19780087376	Thermally collapsible tubing as a burning rate accelerator for solid propellants (U)	1978
19780087383	The penetration of electromagnetic fields into aircraft from externally mounted HF antennas	1978
19780087390	A comparison of delayed decision and adaptive prediction from DPCM coding of speech	1978
19780087391	Predictive encoding with delayed decision applied to speech digitization	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087392	Narrowband digital voice processing. Volume 4: LDVT PLPC/TRIVOC software documentation	1978
19780087394	Reply amplitude comparison data curves for use in IFF interrogator improvements	1978
19780087395	Diagnosing the antenna matching system of a radio compass	1978
19780087396	Bistatic radar study: Phenomenology of tactical bistatic radar	1978
19780087397	Follow-on operational evaluation of the receiver-recorder set, meteorological data, AN/SMQ-10	1978
19780087402	Sensitivity of HF blackout predictions to atmospheric parameters (U)	1978
19780087404	Qualification operational test and evaluation (QOT and E) of the AN/TPB-1 C ground directed bombing system (U)	1978
19780087405	Tactical aircraft CNI evolution analysis (U)	1978
19780087412	Reliability and maintainability of future Naval shipboard radars: An empirical approach (U)	1978
19780087413	Shipboard electromagnetic compatibility improvement program (SEMCIP) quick reaction capability QRC testing aboard the USS Chicago CG-11 (U)	1978
19780087415	Microanalysis capability (U)	1978
19780087417	Telecommunications electromagnetic pulse (EMP) index (U)	1978
19780087420	Navy technical evaluation of AN/DLQ-3B countermeasures set (U)	1978
19780087425	Exercise POLO HAT 77-4 evaluation report (U)	1978
19780087431	CAPAR: Environmental considerations (U)	1978
19780087432	Assessment of radar communications technology (U)	1978
19780087434	Communications jamming handbook (U)	1978
19780087436	X-band Doppler signatures of the YUH-60A helicopter (U)	1978
19780087437	Crosspolarization response of navy radars (U)	1978
19780087443	F-14 radar cross section reduction (U)	1978
19780087446	Millimeter-wavelength scattering characteristics of BMD target vehicles (U)	1978
19780087449	Automatic radar tracking: Operational Demonstration and Evaluation (OD and E) (U)	1978
19780087452	EMP survivability profiles for the AN/PRC-77 radio (U)	1978
19780087453	Space-based high energy lasers for satellite defense: Special topics (U)	1978
19780087455	E-3A TACS/TADS interface description (U)	1978
19780087493	Qualification of the jet electronics and technology incorporated model SI-2500C, single-phase, 2500 Va, static inverter	1978
19780087495	Dynamic distortion in an active RC network with stochastic input	1978
19780087496	Studies of nonlinear phenomena in second order active RC networks	1978
19780087497	Physiochemical properties of liquid metal current collectors for superconducting machinery	1978
19780087499	Test loading DOD kW generator	1978
19780087501	Development test (DT) III (PVT-G)	1978
19780087502	Development test (DT) III (PVT-G) of power plant AN/MJG-10A	1978
19780087506	Ku-band integrated solid state power amplifier (U)	1978
19780087507	Manufacturing methods and technology (MM and T) measure for fabrication of third generation 0.9 micron photocathodes (U)	1978
19780087508	Development program for multi-mode traveling wave tube, phase 3 (U)	1978
19780087516	Translations on USSR science and technology: Physical sciences and technology	1978
19780087517	Characteristics of laser glasses (review of information)	1978
19780087518	Experimental determination of maximum permissible levels of laser radiation of picosecond duration at a wavelength of 1.06 microns	1978
19780087519	The calculation of multipass telescopic amplifiers for a continuous wave HF chemical laser	1978
19780087520	On possible self-focusing during cloud medium evaporation by CO2 laser radiation	1978
19780087521	On the influence of the effect of wave front reversal on the performance of a stimulated Brillouin scattering laser	1978
19780087522	On the feasibility of producing short laser radiation pulses by the photolysis of a cooled H2-F2 mixture	1978
19780087523	Study of a system incorporating an HF master oscillator and an amplifier utilizing the H2-F2 chain reaction	1978
19780087524	A stationary technological closed cycle CO2 laser with 6 kW radiation power	1978
19780087525	The efficiency of CO2 excitation in a gas dynamic laser with gas mixing	1978
19780087526	Tristream nozzle technology development	1978
19780087528	Laser effects assessment program	1978
19780087529	Laser beamrider data link (U)	1978
19780087533	Performance of the Perkin-Elmer wavefront analyzer system in measuring the Pratt and Whitney XLD laser (U)	1978
19780087538	Operational evaluation of the GBU-12C/B laser guided bombs (U)	1978
19780087539	Electroformed cavity module program (U)	1978
19780087540	Electric visible laser analysis. Volume 2: Systems analysis (U)	1978
19780087545	A computer model for calculating the laser backscatter from an aerosol (U)	1978
19780087547	Combat effectiveness of laser air defense weapons. Volume 2: Mission analysis (U)	1978
19780087551	Life cycle fluids support (U)	1978
19780087553	Beam expander technology program. volume 2: Primary mirror studies (U)	1978
19780087554	Beam expander technology program. Volume 3: System studies (U)	1978
19780087555	Beam expander technology program. Volume 1: Executive summary (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087556	Attachment measurements in halogen bearing molecules	1978
19780087560	Test and evaluation of the modified AHT-65 hydraulic test stand	1978
19780087561	Fleet field evaluation of improved 0.600in. (15.2mm) pitch diameter coupling for H-53 first stage hydraulic pump	1978
19780087563	Five year plan for shock design of Navy shipboard equipment	1978
19780087564	Condition evaluation of bearings from Norfolk, Oakland, and Puget Sound Naval Supply Centers	1978
19780087567	Meteorology and Hydrology, No. 3, March 1978	1978
19780087568	Hydrodynamic prediction of complex stable atmospheric processes	1978
19780087569	Model convection in the atmosphere with a cloud and numerical experiments with modification of a cumulus cloud	1978
19780087570	Parameterization of the cloud system in a hurricane	1978
19780087571	Identifying hail echoes using a quasilinear discriminant function	1978
19780087572	Effect of variability of Coriolis force on change in geopotential in the presence of mountains	1978
19780087573	Parameterization of the upper quasihomogeneous thermocline in the ocean	1978
19780087574	Some patterns of distribution of thickness of the snow and ice cover in Arctic seas	1978
19780087575	Mathematical model of transfer of moisture, heat and salts in the ground	1978
19780087576	Physicomathematical modeling in agrometeorology	1978
19780087577	Currents at the surface of the northwestern part of the Pacific Ocean determined using instrumental observations	1978
19780087578	Hummocking of floating ice in open parts of the Sea of Azov	1978
19780087579	Resistance of ice to shearing	1978
19780087580	National and international atmospheric standards	1978
19780087581	Mesoscale structure of fronts and cyclones in the middle latitudes	1978
19780087582	Transport and transformations of pesticides in the environment	1978
19780087583	Meteorology and hydrology no. 5, May 1978	1978
19780087584	Stages in the development of short-range weather forecasting	1978
19780087585	Effective combining of alternative forecasts	1978
19780087586	Physical-statistical method for predicting the movement of tropical cyclones in the Bay of Bengal	1978
19780087587	Simple seasonal climate models	1978
19780087588	Conditions for the formation of low clouds and fog near fronts	1978
19780087589	Characteristics of the stable boundary layer of the atmosphere determined from measurements on a high mast	1978
19780087590	Latitudinal and seasonal variation of total ozone content according to data for 1964 - 1975	1978
19780087591	Some problems in the mathematical modeling of large-scale interaction between the ocean and the atmosphere	1978
19780087592	Computation of the maximum heights of wind waves in oceans and seas	1978
19780087593	Structure of semidiurnal pressure variations according to TROPEKS-74 data	1978
19780087594	Automatic correction of coincidence error in the measurement of the microstructural characteristics of aerosols	1978
19780087595	Computation of automated shipboard systems for the processing of hydrometeorological information by the methods of the theory of mass servicing	1978
19780087596	Foreign investigations of recent climatic changes	1978
19780087612	National Oceanic and Atmospheric Administration storm measurement project (Rough Rider 1977)	1978
19780087613	An open-coast mathematical storm surge model with coastal flooding for Louisiana. Report 2: Program documentation	1978
19780087618	Operational test and evaluation: Blue and Gold Concept	1978
19780087623	Aircraft support for towed array techeval exercise (U)	1978
19780087627	Development of missile optical control link	1978
19780087628	AMOS phase 3 program, volume 1	1978
19780087632	Digital cueing for infrared (IR) imagery (U)	1978
19780087635	Scattering from infrared missile domes (U)	1978
19780087641	Hardened mosaic technology study (U)	1978
19780087649	Large deployable optics (U)	1978
19780087651	Data processing for advanced midcourse optical sensors. Volume 5: Data processing for launch detection sensors (U)	1978
19780087652	Data processing for advanced midcourse optical sensors. Volume 6: Data processing for spectral imaging sensors (U)	1978
19780087653	Data processing for advanced midcourse optical sensors. Volume 3: Data processing for laser sensor systems (U)	1978
19780087654	Data processing for advanced midcourse optical sensors. Volume 4: Data processing for ambient sensors (U)	1978
19780087655	Data processing for advanced midcourse optical sensors. Volume 1: Summary and benefits versus risk assessment (U)	1978
19780087656	Data processing for advanced midcourse optical sensors. Volume 2: Scenario and threat definition (U)	1978
19780087665	Optical technology measurements plan (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087666	Simulation chamber measurements and predictions	1978
19780087668	Optical Designation Evaluation (ODE) program. Host recalibration analysis report (U)	1978
19780087669	Endoatmospheric sensor performance program evaluation plan (U)	1978
19780087670	Mosaic Infrared Sensor Technology (MIST) (U)	1978
19780087676	Aviation Requirements for the Combat Structure of the Army 3 (ARCSA 3), FY 1978 annual review (U)	1978
19780087678	Air Force Avionics Laboratory FY 1979 technical objective document (U)	1978
19780087686	Artificial compressibility methods for numerical solution of transonic full potential equation	1978
19780087691	An investigation into possible back profiles for reclined seats in air-to-air combat aircraft	1978
19780087703	YAV-8B Inflight Engine Condition Monitoring System (IECMS) trade study	1978
19780087706	Certification test procedure MK 1 mod 0 wave-off system	1978
19780087708	Translations on USSR science and technology: Physical sciences and technology	1978
19780087709	Investigation of the feasibility of utilizing signals with linear frequency modulation to estimate roughness of the sea's surface	1978
19780087710	Salyut-6 experiments described	1978
19780087711	Soviet cosmonauts set new space flight records	1978
19780087719	Exploratory development of chemical quality assurance and composition of epoxy formulations	1978
19780087720	A quinone-assisted photoformation of energy-rich chemical bonds	1978
19780087730	Protective metal coatings during heating	1978
19780087734	Fire science and technology	1978
19780087735	Problem of the fireproofness of structural elements and its solution in the USSR	1978
19780087736	Development of studies in the field of creative fireproof swelling coatings	1978
19780087737	State of the art prospects for the development of water foam fire extinguishing means	1978
19780087738	State of the art and prospects for the development of automated fire extinguishers	1978
19780087739	Studies with a respect to creation of high speed automatic fire extinguishers	1978
19780087740	Problems of extinguishing fires in medical hyperbaric chambers	1978
19780087741	Development of effective powdered compounds and means of supplying them	1978
19780087742	Methods of determining the fire extinguishing effectiveness of foam in organohalide materials for organic liquid flames	1978
19780087743	Use of calculation techniques for complex evaluation of fire danger	1978
19780087744	Danger of fire and explosions from liquid hydrogen	1978
19780087745	Study of the danger of fires of solid materials in oxygen-enriched media	1978
19780087746	Electrostatic spark safety	1978
19780087747	Some trends in the development of fire trucks	1978
19780087748	Model studies of fire kinetics	1978
19780087752	The damping of an SGEMP simulation chamber using a single-sheet, impedance-loaded damper	1978
19780087756	Operational requirement for an air-to-ground data link for SLAR and IR imagery reconnaissance systems	1978
19780087758	Filter material with antistatic properties	1978
19780087759	A new approach to the correlation of boundary layer mass transfer rates with thermal diffusion and/or variable properties	1978
19780087762	Operational evaluation of the TEAC V-1000 AB video tape recorder	1978
19780087763	Photometric calibration of black and white imagery	1978
19780087764	Evaluation of quick disconnect, high strength access panel fasteners for the F-14A airplane	1978
19780087767	Tropic exposure phase of engineer design test medium-duty membrane	1978
19780087776	Using map knowledge for image understanding	1978
19780087787	Advanced ocean mission development subprogram plan, review copy	1978
19780087796	Translations on USSR science and technology: Biomedical and behavioral sciences. Effects of nonionizing electromagnetic radiation	1978
19780087797	Elimination of extrachromosomal streptomycin resistance of staphylococcus by experimental variation of geomagnetic field force	1978
19780087798	Effects of superhigh-frequency electromagnetic fields on central structures of the brain	1978
19780087799	Multichannel equipment for radiotelemetry of electrical activity of the human brain	1978
19780087800	Biological effect of low-voltage, low frequency pulsed electromagnetic fields	1978
19780087801	Recovery reactions of rats exposed to microwaves (2400 MHz)	1978
19780087802	Bulgarian safety standards on electromagnetic fields announced	1978
19780087803	The Ika Aeroion concentration measuring instrument	1978
19780087804	PK2-3A electrostatic charge measuring instrument	1978
19780087805	PZ-1 instrument measuring the intensity of a 50 Hz electric field	1978
19780087806	Safety standard imposes requirements on electromagnetic radio-frequency fields	1978
19780087821	Advanced image processing system design studies	1978
19780087831	Test design plan for the AN/TAS-5 Dragon Night Tracer (DNT) operational test 2: TDP for DNT OT 2	1978
19780087838	Supergranular variation of MG I lambda2852	1978
19780087860	Static and spin aerodynamic characteristics of the SUU-65/B submunition dispenser	1978
19780087861	Test and evaluation of two analog differential Omega telemetry systems, volume 1	1978
19780087862	Test and evaluation of two analog differential Omega telemetry systems, volume 2	1978
19780087863	Nature of errors in an Inertial Navigation System (INS)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780087878	Optimal maneuvers	1978
19780087882	Development test 3, external air transport phase of tactical fire direction system (TACFIRE)	1978
19780087891	Turbine nozzle area control system development, phase 2	1978
19780087897	USS FORRESTAL bow catapult certification	1978
19780087907	Cruise missile: An examination of development decisions and management	1978
19780087911	Air Launch Instrumented Vehicles Evaluation (ALIVE)	1978
19780087915	SYEP and dinitromethane	1978
19780087917	Low-cost process for producing nitroform	1978
19780087918	Tetranitroglycoluril: Preparation and properties	1978
19780087919	Development of low-cost manufacturing methods for production of triaminoguanidinenitrate (TAGN)	1978
19780087920	Microstructure and chemical erosion of carbon-carbon nozzle materials	1978
19780087921	Ablation kinetics of graphitic rocket nozzle materials	1978
19780087922	Alternate routes to icosahedral carboranes bypassing B10H14: Attachment of icosahedral carboranes to propellant binder systems	1978
19780087923	Porosity measurement of solid propellants using ultrasonic techniques	1978
19780087924	X-ray shield weights for interceptor missiles	1978
19780087925	DROP 4: The modelling of secondary smoke in solid rocket plumes	1978
19780087929	Plume effects on missile aerodynamics	1978
19780087930	SMAWT/LAWT motor aging degradation by corrosion/debond	1978
19780087931	High pressure gas generator propellants	1978
19780087938	Production costs of ramjet engines	1978
19780087944	Pulsed laser propulsion	1978
19780087945	Extended life 22.25N (5 LB sub F) monopropellant hydrazine thruster	1978
19780087946	The 30-inch-diameter advanced AKM	1978
19780087950	Manufacturing technology for low cost composite fasteners	1978
19780087952	High temperature kinetics studies of combustion processes by the shock tube method	1978
19780087953	Chemically frozen multicomponent boundary layer theory of salt and/or ash deposition rates from combustion cases	1978
19780087956	Current Awareness Bulletin, Issue No. 36	1978
19780087958	Seawater corrosion behavior of 15-5 PH stainless steel butt welds and repair welds	1978
19780087959	Reliable steel: Low-alloy steel development nominated for state prize	1978
19780087963	Synthesis of monomers and polymers for evaluation, part 8	1978
19780087968	Surveillance: Air Force stockpiled impulse cartridges mark 1 mod 3	1978
19780087970	Translations on USSR science and technology: Physical sciences and technology	1978
19780087971	Effect of amplitude quantization of input signals on certain beam-former performance characteristics	1978
19780087972	Kinetics of physical processes in a CO chemical supersonically pumped laser	1978
19780087973	Chemically pumped Br2-CO2 laser	1978
19780087974	Influence of beam focusing conditions of a pulsed CO2 laser on development of optical breakdown of the gas near metal surfaces	1978
19780087975	Analysis of the quality of laser images of diffuse objects	1978
19780087976	Retroreflecting mirror for dynamic compensation of optical inhomogeneities	1978
19780087977	Investigation of parametric functions for a stationary CO laser	1978
19780087978	Self-focusing of a Gaussian beam in a supersonic gas flow	1978
19780087984	Integrated applications of automated speech technology program plan	1978
19780087985	HF/VHF, ECM/ELINT high power directional rotary-wing aircraft antenna	1978
19780087988	Standoff target acquisition system (SOTAS) reforged-77	1978
19780087990	Fundamentals of multichannel communications	1978
19780087997	Light emitting diode array common module	1978
19780087998	Millimeter wave integrated circuit modules for communication interconnect systems	1978
19780087999	Microwave transmitter reliability and maintainability improvement program, phase 2	1978
19780088004	The influence of transducer misalignment on the measurement of fluctuating surface pressure at low speed	1978
19780088005	Digital holography	1978
19780088006	Manufacturing methods and technology for the CLGP quadrant detector	1978
19780088010	Chemical laser advanced diffuser/ejector	1978
19780088012	Investigation of a demand-type automatic condensate drain system for high-pressure oil-free air compressors	1978
19780088015	Meteorology and hydrology, no. 6, June 1978	1978
19780088016	Operational numerical short-range forecasts of meteorological elements	1978
19780088017	Variational-difference method for objective analysis of the field of meteorological elements	1978
19780088018	Evaluation of effectiveness of point heat source on fog	1978
19780088019	One method for taking entrainment into account in the parameterization of convection	1978
19780088020	Method for calculating the accuracy possibilities of a measurement network consisting of modern means for monitoring the state of the atmosphere-ocean system	1978
19780088021	Analysis of the propagation of long waves on the shelf of the northern part of the Kurile Ridge	1978
19780088022	Computations of the mean long-term seasonal circulation of North Sea waters	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088023	Hydraulic method for evaluating ice jam masses in river flows	1978
19780088024	Integral indices of soil water absorptivity	1978
19780088025	Some results of development of remote methods for agrometeorological measurements	1978
19780088026	Climatic variability of yields and influence of atmospheric circulation on the growth of some grain crops in the United States	1978
19780088027	Diurnal fluctuations of pressure, temperature and humidity in the equatorial Atlantic troposphere	1978
19780088028	Possibilities of processing archival meteorological data on electronic computers	1978
19780088029	Use of the coulometric method for measuring atmospheric humidity from an aircraft	1978
19780088030	Comparison of instruments for measuring the total content of atmospheric ozone at the background station Mauna Loa	1978
19780088031	Principal scientific directions in cooperation of the Danubian countries in the field of hydrological forecasts	1978
19780088035	Study of high energy ambient temperature rechargeable lithium batteries for underway applications	1978
19780088046	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780088047	Planning and assessment of man-machine systems	1978
19780088049	Distributed data processing for BMD	1978
19780088050	A comparison of WFTA and FFT programs	1978
19780088065	Advanced infrared imaging seeker (AI2S) development program. Volume 2: 10 x 32 breadboard hybrid array experiment	1978
19780088072	Management of a fixed-price, low-cost spacecraft project: HCMM/sage base modules	1978
19780088080	The magnetic effects of shock and brecciation in meteorites. 3: The achondrites	1978
19780088103	Translations on USSR science and technology: Physical sciences and technology	1978
19780088104	Investigation of the abundance of atmospheric carbon monoxide: A survey	1978
19780088105	On the relation between statistical characteristics of aerosol particle size distribution and attenuation coefficients	1978
19780088106	World Electrical Engineering Congress on Scientific Problems of Developing Electrical Equipment	1978
19780088107	Spin-tunnel investigation of a 1/30-scale model of the vought TA-7C airplane	1978
19780088108	Transonic tests of the 155MM non-conical boattail projectile A and the 8-inch XM650 E4 and EBVP projectiles at Nicolet, Canada during January - February 1977	1978
19780088110	Aerodynamics of bodies with jets	1978
19780088112	Documentation of the AFFDL FLAME test at Mach numbers 2 to 5	1978
19780088113	A-10 inertial navigation system demonstration	1978
19780088114	Overhaul, storage and preservation instructions for the Stabilized Glide Slope Indicator System (SGSI) MK 1 MOD 0 for air capable ships	1978
19780088122	YAV-8B/YF402-RR-404 inlet/engine compatibility assessment	1978
19780088138	Statistical presentation of landing parameters for model T-2C aircraft at nas chase and goliad fields, Beeville, Texas (survey /36)	1978
19780088142	YAV-8B armament characteristics	1978
19780088152	Build-to-print composite B-1 wing No. 3 LH slat	1978
19780088155	F-14A canopy off flight test	1978
19780088158	YAV-8B aerodynamic stability and control and flying qualities report	1978
19780088159	Attack helicopter instrumented test phase 1 (AHIT-I) - independent evaluation report, volume 2: Data	1978
19780088160	EF-111A limited performance, propulsion and flying qualities tests, addendum 1	1978
19780088161	An analysis of the management of reliability and maintainability in the navy F-18 program	1978
19780088162	Contractors aerodynamic structural demonstration of model F-4J airplane with wing leading edge slats installed	1978
19780088163	Helicopter Acquisition Test (HAT)	1978
19780088164	Aeroelastic tailoring of advanced composite structures for military aircraft. Volume 3: Modifications and user's guide for military aircraft. Volume 3: Modifications and users guide for procedure TSO	1978
19780088165	Compatibility of the GBU-15 CWW with F-111E aircraft	1978
19780088167	F-14 aerial banner towing adapter compatibility tests	1978
19780088168	F-111 air-to-ground weapons delivery computer solutions: A handbook for weapons and tactics officers	1978
19780088170	Redesign governor assembly for improved resistance to corrosion and blade retention (ram air turbine 549926-6-1) task number 7502	1978
19780088173	Research and experimental aviation institute	1978
19780088179	J65 product support program	1978
19780088181	FASTOP 2: An improved version of the flutter and strength optimization program	1978
19780088183	Methodology investigation planning for a major climatic facility	1978
19780088184	Secapem 90/B and SFENA MAE-15 target system evaluation	1978
19780088186	Sodium wake analysis program. Volume 1: Phenomenology	1978
19780088187	Aerodynamic characteristics of a model of a high-altitude supersonic target missile at mach numbers of 2.30, 2.96, and 4.00	1978
19780088195	SUBROC test set T-3054A: Evaluation of technical improvements modification	1978
19780088196	Encapsulated harpoon corrective action program	1978
19780088197	The impact of reduced flight test rates on the strategic missile leg of the TRIAD	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088199	Documentation of the pressure-load distribution test on a 2/9-scale Navy standard missile - type 2, extended range improvement at transonic Mach numbers	1978
19780088200	Environmental, electrostatic discharge, electromagnetic radiation and firing test of the DRAGON Launch Simulator	1978
19780088201	France: Nuclear, missile, and space developments, no. 445	1978
19780088202	Tactical missile developments reviewed	1978
19780088203	First Ariane test scheduled for Kourou	1978
19780088204	Failure of Ariane first stage motor component reported	1978
19780088205	France: Nuclear, missile, and space developments, No. 446	1978
19780088206	Status of Ariane launcher reviewed, discussed in detail	1978
19780088207	Crotale THD-5000 missile system characteristics noted	1978
19780088208	DOD STS ground support system	1978
19780088209	HTPB ballistic motor service life	1978
19780088211	Application of an IR scanning camera to rocket plume studies	1978
19780088212	Long burn nozzle program	1978
19780088213	Boundary Layer Thrust Vector Control (BLTVC) nozzle development and cold flow testing program	1978
19780088214	Vertical orientation testing of Rocket Research Corporation 1300 Nt hydrazine thruster	1978
19780088215	Computer simulation of solid rocket motor service life for thermal loads	1978
19780088216	MCIC Current Awareness Bulletin, issue no. 26	1978
19780088217	Current Awareness Bulletin, issue 39	1978
19780088218	MCIC Current Awareness Bulletin, issue no. 40	1978
19780088222	Thermal and mechanical evaluation of graphnol N3M	1978
19780088229	Operational evaluation of the HALON 1301 fixed fire protection system	1978
19780088230	Halogenated hydrocarbons as fire extinguishing agents	1978
19780088231	Vanadium alloys study	1978
19780088234	Soviet development of aluminum-lithium alloys	1978
19780088235	Research on the laws governing the fatigue of structural aluminum alloy	1978
19780088236	Selection of valve steel	1978
19780088237	Production of sheet metal	1978
19780088247	Dielectric losses and polarization in polymer-based compositions	1978
19780088248	The effect of using jet transfer pumps on the dissolved air content of fuel in aircraft	1978
19780088249	Identification and evaluation of hazards associated with blending of violet smoke mix by double cone process	1978
19780088250	Alternate synthesis of fluorodinitroethanol	1978
19780088252	Methanol and hydrogen: Automobile fuels of the future	1978
19780088253	Polypropylene felt: A nonhygroscopic replacement for wool felt in military pyrotechnics	1978
19780088254	Protection of petroleum products from biological breakdown	1978
19780088255	Translations on USSR science and technology: Physical sciences and technology	1978
19780088256	Metallurgical experiments aboard orbiting stations described	1978
19780088257	A study of resistance of KRS-6 and KRS-5 crystals to the action of pulsed CO2 laser emission	1978
19780088258	Possibility of using open pore structures for creating cooled laser mirrors	1978
19780088259	An investigation of inversion in an amplifier module utilizing an active element with rectangular cross section	1978
19780088260	Propagation of modulated waves in a turbulent atmosphere. 2: Correlation functions and frequency spectrum of phase fluctuations of modulating vibrations	1978
19780088261	An argon laser with a system for replacing the working gas	1978
19780088262	The effect of a magnetic field on a space discharge excited by an electron beam	1978
19780088263	Translations on USSR science and technology: Physical sciences and technology	1978
19780088264	Liquid water content and temperature fluctuations in cloud clearing zones	1978
19780088265	On the possible role of aerosol in the attenuation of lambda equals 10.6 microns radiation by slightly cloudy atmosphere	1978
19780088266	Monitoring the dynamics of thermal characteristics of laser optical channel components	1978
19780088267	Statistical characteristics of the spectral structure of radiation attenuation for various degrees of turbidity in the surface layer of the atmosphere	1978
19780088268	Nuclear rocket engines for spacecraft	1978
19780088269	Translations on USSR Science and Technology: Physical sciences and technology	1978
19780088270	Multispectral camera for Salyut 6 described	1978
19780088271	Population inversion at vibrational levels of N2O behind a shock wave front	1978
19780088272	Numerical and experimental simulation of the thermal self-action of laser beams on a path with variable velocity of the medium	1978
19780088273	A Raman infrared laser with unstable cavity	1978
19780088274	Study of a photochemical laser utilizing the XeO molecule	1978
19780088275	Influence of the grating size of the aperture and the turbulence spectrum on fluctuations of laser radiation intensity	1978
19780088276	Cutting of nonmetallic materials by a CO2-laser beam	1978
19780088277	Absorptivity of metallic targets irradiated by a pulse-periodic CO2 laser in air	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088282	Range measurement system/simulated combat Operations Range Equipment (RMS/SCORE) accuracy test	1978
19780088283	Transient response and equivalent circuit for the RC-292 antenna system	1978
19780088284	Measuring the power of spurious radiation of shortwave transmitters	1978
19780088287	Are intrabase radio systems cost effective	1978
19780088291	Array pattern synthesis and evaluation study	1978
19780088292	Methodology investigation, reliability study of Army aircraft radios during flight and simulated dynamic environments	1978
19780088294	Test and evaluation of an advanced development model P-3C/TSCIXS system	1978
19780088295	Study to define the integration of JTIDS into four F-15A test aircraft	1978
19780088314	Transient radiation induced permanent damage in monolithic integrated circuit micropower operational amplifiers	1978
19780088316	Development of a 0.9 micron wafer intensifier tube	1978
19780088317	The 32K bit CCD/MNOS	1978
19780088324	Vulnerability of solid state components and printed circuit boards to fragment impact	1978
19780088329	Delay line, P/N 868112-1	1978
19780088330	Electrophysical processes in electrotechnical materials: Selected articles	1978
19780088333	A 25mm 0.9 micron wafer tube development	1978
19780088335	High frequency CCD's	1978
19780088344	Discharge of lithium ions on the surface of a nickel cathode and formation of active material on the surface of nickel plaque	1978
19780088347	Cavitation auto-oscillations and dynamics of hydraulic systems, part 2	1978
19780088349	Mobile instrumentation systems MIS study. An annotated briefing	1978
19780088351	Methodology investigation. Cost effective replacement of instrumentation	1978
19780088352	Digital holography	1978
19780088355	Application of laser technology to ballistic missile defense	1978
19780088356	UV sustained discharges for rare gas halide lasers	1978
19780088358	Toroidal resonator investigation	1978
19780088359	Frictional force measurements on fretted specimens under constant amplitude loading	1978
19780088361	Loads in packages	1978
19780088362	Just the echo now: Problems with explosion fusing of bimetals	1978
19780088364	Starting aids for diesel engines	1978
19780088373	Effects of the fracture surface closure mechanism on the structure of fracture surfaces	1978
19780088375	The density of a the coiled-ribbon rim of a superfly-wheel during rotation	1978
19780088379	Method for obtaining the maximum possible electric power in short pulses	1978
19780088380	Thermal conversion of solar energy. A thermal solar system, Chevetogne Province	1978
19780088381	Cold oil pumping studies	1978
19780088382	Research in astronomy	1978
19780088384	On describing the earth's gravitational field by series of solid spherical harmonics	1978
19780088386	The use of a library of operative objective analysis in the processing of ground information	1978
19780088387	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780088388	Data of bacterial plasmids given	1978
19780088389	Analyzing the Psychophysiological characteristics of a human operator	1978
19780088390	Translations on USSR Science and Technology: Biomedical and behavioral sciences	1978
19780088391	Mechanisms of development of morphological changes in mammals carried aboard biological satellites	1978
19780088392	Structure of external transcribed spacer of yeast ribosomal DNA	1978
19780088393	Change in the frequency spectrum of electroencephalograms recorded from polar researchers at an antarctic station	1978
19780088394	Symposium on biotechnology and bioengineering	1978
19780088395	Program of joint Soviet-American experiment: Comparative evaluation of the use of the bed regime with horizontal and antiorthostatic body position as model of weightlessness	1978
19780088396	Translations on USSR science and technology: Biomedical and behavioral sciences, effects of nonionizing electromagnetic radiation	1978
19780088397	Possible effect of the geomagnetic field on human sleep	1978
19780088398	Annotated bibliography on health-affecting physical environmental factors	1978
19780088399	Military Medical Journal, no. 2	1978
19780088400	Changes in protein metabolism after prolonged hypokinesia	1978
19780088401	Specific problems of loading stretcher cases on the An-12 aircraft	1978
19780088402	Physiologic basis of physical conditioning of submarine personnel	1978
19780088403	Study of the transmission of impulse noise to the inner ear of the guinea pig by recording intracochlear pressure variations	1978
19780088404	Observation on the reaction time from a report upon the human ear and comparative study of Anglo-American chaba boundary level diagram and the one of the FRG	1978
19780088407	Translations on USSR science and technology: Biomedical and behavioral sciences. Effects of nonionizing electromagnetic radiation	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088408	Cumulative effects in response to microwave irradiation	1978
19780088409	Biological oxidation in cells under the influence of radiowaves in the millimeter range	1978
19780088410	Distinctions referable to the effects of electromagnetic energy in the superhigh-frequency range in cytochemical blood indices	1978
19780088411	The cardiovascular system as affected by exposure to microwave radiation	1978
19780088412	Changes in the rabbit electroencephalogram under the influence of a steady magnetic field	1978
19780088413	Effect of a high intensity constant magnetic field on proliferation of epithelial cells in the mouse duodenum	1978
19780088414	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780088415	Psychosocial features of communication in ship crews	1978
19780088416	Interpersonal communication examined	1978
19780088417	Helmet slip during simulated low-level high speed flight	1978
19780088418	Development of DSARC-based human factors engineering T and E requirements for the F-18 aircraft weapon system	1978
19780088419	Comparative evaluation of ride associated with normal, prone, and supine seating in a light combat vehicle	1978
19780088421	Man-machine interface/intelligent terminal study report	1978
19780088423	Algorithms for the allocation of continuous resources to activities with exponential return functions	1978
19780088425	An algorithm for sixteen-point weighted-Lagrangian interpolation	1978
19780088427	Developing the model for parameter estimation	1978
19780088428	Mathematically modeling magnetic field sources	1978
19780088431	Focused ion beam technology	1978
19780088434	Solar Observing Optical Network (SOON)	1978
19780088436	Quantum optics and optical radar	1978
19780088438	The firebird of physicists	1978
19780088439	Use of a plasma cathode with a large emitting surface in a pulse accelerator with lead out of electrons to atmosphere	1978
19780088440	Translations on USSR science and technology: Physical sciences and technology	1978
19780088441	Main results of research in controlled thermonuclear fusion in the USSR during the period May 1977 - April 1978	1978
19780088444	Technology Application Center	1978
19780088448	Problems and recommendations concerning test and evaluation policy	1978
19780088449	A guide for determining an effective management information system	1978
19780088450	Analysis for the hard X-ray experiment on board the ANS spacecraft	1978
19780088451	Translations on USSR science and technology: Physical sciences and technology	1978
19780088452	New Book on problems of informatics	1978
19780088453	Threshold sensitivity of a modulation radiometer	1978
19780088454	Scattering sections of VHF radiowaves on the sea's surface	1978
19780088455	Longitudinal wave absorption studied	1978
19780088456	Research and design-developmental work of the Scientific Research Institute of Electrophysical apparatus Imeni D. V. Yefremov in the area of controlled thermonuclear fusion	1978
19780088457	Investigations of open thermonuclear systems at the Novosibirsk Institute of Nuclear Physics	1978
19780088458	Translations on USSR science and technology: Physical science and technology	1978
19780088459	Informational capacities of the parameters of radar signals for purposes of recognition	1978
19780088460	Algorithms of thematic decoding of multispectral aerospace video information	1978
19780088461	Engineering psychological study of system of information display	1978
19780088462	Mobile metallurgy in perspective	1978
19780088463	A method of studying pulse fluxes of laser emission based on thin-film thermometry	1978
19780088464	Translations on USSR science and technology: Physical sciences and technology	1978
19780088465	Retardation of polymer combustion by means of hydrogen halides	1978
19780088466	Some algorithms of correlation reception with utilization of methods of high-speed computation of correlation and their realization	1978
19780088467	Electromagnetic radiators in a dielectric shell of cylindrical form	1978
19780088468	Influence of propagation environment on electromagnetic compatibility of radio equipment with industrial radio interference sources, part 1	1978
19780088469	Nonlinear internal waves in a rotating ocean	1978
19780088470	On the fine vertical structure of Vaisala-Brunst's frequency in the Mediterranean Sea	1978
19780088471	Studies of small-scale ocean turbulence with the aid of acoustical wave scattering method	1978
19780088472	Experimental deployments of a submerged self-contained buoy station PABS	1978
19780088473	The 25th voyage of the NIS Akademik Kurchatov (basic scientific results)	1978
19780088474	List of Soviet articles dealing with composite materials no. 10, 1978	1978
19780088475	List of Soviet articles dealing with composite materials no. 11, 1978	1978
19780088476	List of Soviet articles dealing with composite materials no. 12, 1978	1978
19780088477	Ferrite cores for computer memories	1978
19780088478	Coherent optical computers	1978
19780088479	Translations on USSR science and technology: Physical sciences and technology	1978
19780088480	The interaction of counter waves in a circular gas laser during frequency modulation	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088481	Millimeter wave antenna arrays	1978
19780088482	The status of the various activities at NIIEE-A on high current electron accelerators	1978
19780088483	Investigation of a diode with explosive emission cathodes at pulses of long duration	1978
19780088484	Atlas of tectonic maps and reference profiles in Siberia	1978
19780088485	Tectonic structure of the western part of the Altay-Sayan region	1978
19780088486	Design of automated control system software: System analysis, architecture, technology	1978
19780088487	Translations on USSR science and technology: Physical sciences and technology	1978
19780088488	Droughts and sukhovei	1978
19780088489	Soviet conference on ellipsometry held	1978
19780088490	Philosophical and methodological problems of space research	1978
19780088491	Translations on USSR science and technology: Physical sciences and technology	1978
19780088492	The shear instability of internal waves in the ocean	1978
19780088493	Measurement short interval waves in the near-surface thermocline	1978
19780088494	Principles of application of plasma coatings	1978
19780088495	Fluctuations of radiation intensity at 0.63 micron during propagation in a fine-droplet water aerosol	1978
19780088496	The theory of a photorecombination laser thermally initiated behind a shove wave front	1978
19780088497	Symposium on Modeling of Large-scale Atmospheric Processes and Numerical Long-range Weather Forecasts	1978
19780088498	Conceptual mission for ATCA squadrons	1978
19780088499	Identification of personnel requirements to operate, maintain and support the CH-53E weapon system	1978
19780088510	B-1 nozzle/afterbody performance versus fineness ratio information	1978
19780088512	An improved projectile boattail, part 4	1978
19780088515	Preliminary calculations for an ASW airship	1978
19780088517	Boundary-layer and surface measurements on an adiabatic-wall laminar stable shape model with a smooth surface with and without massive injection at Mach number 6	1978
19780088518	SAMSO/LL particle penetration test conducted in the AEDC-VKF tunnel F	1978
19780088519	Tri-service supersonic subscale target study	1978
19780088520	Endo optical masking computer code documentation	1978
19780088521	Performance characteristics of a series of propellers operating in a nozzle	1978
19780088522	Pressure tests on the Navy/general Dynamics SM-2 ER(I) standard missile model	1978
19780088523	Wind tunnel reports from a nozzle afterbody test of a 0.1-scale fighter aircraft in the mach number regime of 0.6 to 1.6	1978
19780088524	Surveillance: Navy fleet-returned face curtain cable cutters mark 4 mod 0	1978
19780088525	My day in the barrel	1978
19780088526	A crash initiated injection system: Is it feasible	1978
19780088527	Homing overlay experiments, exo navigation and guidance supplemental report, volume 2	1978
19780088528	Parameter and structure adaptive Kalman filter analysis and synthesis	1978
19780088530	Guidance/navigation requirements study volume 2. Appendices	1978
19780088531	A study of the NAVSTAR global positioning system, satellite selection, and navigation performance	1978
19780088533	Comparison of flight and wind tunnel steady-state inlet performance data for the Northrop YF-17 aircraft	1978
19780088534	LORAN C/D ground chain development test and evaluation	1978
19780088537	Qualification operational test and evaluation (QOT and E.) Kc-135 navigation system modernization test plan	1978
19780088539	Weight analysis for EMUX deletion from B-1 production study: CCP226, MCR-B-1-4151	1978
19780088541	Contractor structural demonstration of the H-46 helicopter fiberglass rotor blades	1978
19780088542	YAV-8B landing gear and associated subsystems analysis	1978
19780088543	YAV-8B primary and auxiliary flight control systems analysis	1978
19780088544	B-1 aircraft number 3 crew module actual weight and balance verification report	1978
19780088545	DC-130H Multiple Drone Control Strike System (MDC/SS) combined DT and E/IOT and E flight test	1978
19780088554	YAV.8B fuel, oil, and water systems	1978
19780088565	Aero L-39	1978
19780088569	YAV-8B test article description static wing	1978
19780088570	Evaluation of two hydraulic oil purifiers	1978
19780088572	F/TF-15A flying qualities Air Force development test and evaluation: F-15 longitudinal flying qualities, addendum 1	1978
19780088574	Ballistic tests on a Windeker Eagle fiberglass fuselage	1978
19780088575	Why did the helicopter fall	1978
19780088576	Instrumenting fighter aircraft to fly optimal trajectories	1978
19780088579	A combinatorial geometry computer description of a remotely piloted vehicle launcher system	1978
19780088582	YAV-8B demonstration instrumentation report, Yav-8B BUNO 158394	1978
19780088587	F-4E advanced avionics integration program: Lessons learned	1978
19780088593	Advanced Aircraft Electrical System (AAES) A-7E prototype design. Volume 3: Supplemental data, part 2, wiring diagrams G1 through PP74	1978
19780088599	Altitude evaluation of a modified (block 76) TF41-A-1 turbofan engine (S/N 142118/2)	1978
19780088602	TF41 turbofan engine accident investigation procedures	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088603	Variable cycle engine (VCE) technology development program	1978
19780088608	Advanced engine simulation	1978
19780088610	Turbine engine test analysis standard. Volume 1: Program description	1978
19780088611	Turbine engine test analysis standard. Volume 2: Standard subprograms	1978
19780088612	Equivalent gas turbine engine tests	1978
19780088613	Product support program: Air turbine starters air control valves	1978
19780088614	A study of turbine engine monitoring systems	1978
19780088615	Low temperature evaluation of the F-15 jet fuel starter	1978
19780088616	A-4/J52 buzz/stall investigation	1978
19780088627	Hybrid terminal assist landing (HYTAL). Part 1: Summary, revision 1	1978
19780088628	Hybrid terminal assist landing (HYTAL). Part 2: Design details	1978
19780088629	Improving reliability of vibrating sensitive elements of inertial navigation systems	1978
19780088630	TV Ordnance Scoring System (TOSS) FOT and E	1978
19780088631	Flight fidelity evaluation of the SH-2F weapons system trainer (device 2F106)	1978
19780088634	Engineering handbook of space technology	1978
19780088635	Space	1978
19780088636	Stars	1978
19780088637	Solar system	1978
19780088638	Sun	1978
19780088639	Earth and terrestrial space	1978
19780088640	Moon	1978
19780088641	Mars	1978
19780088642	Coordinate systems	1978
19780088643	Equations of motion of the booster rocket	1978
19780088644	Unperturbed motion	1978
19780088645	Perturbed motion	1978
19780088646	Flight trajectories of the spacecraft to the moon and planets of the solar system	1978
19780088647	Transition from orbit to orbit	1978
19780088648	Approach and rendezvous of spacecraft	1978
19780088649	Reentry from orbit	1978
19780088650	Engines	1978
19780088651	Heat regulation system	1978
19780088652	Electric power system	1978
19780088653	Life support system for man in space	1978
19780088654	Structure of the Measuring Command Unit	1978
19780088655	Radiotelemetry of missiles and spacecraft	1978
19780088656	Radiation of bodies in the optical band of the spectrum of electromagnetic oscillations	1978
19780088657	Radiation of earth into space	1978
19780088658	Attenuation of optical-band radiation by the atmosphere	1978
19780088659	Optical systems of optical and optoelectronic equipment	1978
19780088660	Photographic equipment for space photography	1978
19780088661	Space television systems	1978
19780088662	Lasers in space engineering	1978
19780088663	Classification of scientific equipment and requirements on it	1978
19780088664	Study of the composition of the atmosphere and radiation characteristics of the Earth and other planets	1978
19780088665	Study of the physicochemical characteristics of the surface of the moon and planets	1978
19780088666	Special equipment for spacecraft	1978
19780088667	France: Nuclear, missile, and space developments	1978
19780088668	Mission, equipment of new Exostat satellite described	1978
19780088669	Exosat to be built by Cosmos consortium, MBB	1978
19780088670	Wind-tunnel investigation of three rocket launcher systems	1978
19780088672	Development test 2 (PQT-G) of Dragon missile jump pack (DJP). Addendum	1978
19780088673	Aerodynamic characteristics of the agm-65 (Maverick) missile in the flow field of the F-111 aircraft at Mach numbers from 0.5 to 1.2	1978
19780088674	Navy ACMR/I Missile simulation. Volume 2, appendix T	1978
19780088675	Preliminary weapon test analysis report for ASMD CTV-1 fired 13 December 1977 at White Sands Missile Range	1978
19780088677	NATO Seasparrow Surface Missile System (NSSMS) test firings on board USS SPRUANCE (DD-963)	1978
19780088678	Data processing technology analysis and integration. Volume 3: CDRL A008, preliminary test and definitions	1978
19780088680	MX/MFC optimal processor capability definition	1978
19780088682	Advanced data processing engagement logic and algorithm for midcourse acquisition, D3, C3. Volume 2: Appendices	1978
19780088683	Technical test plan for CY-78 SATCOM (LES 9) meecn performance tests	1978
19780088686	Navy ACMR/I missile simulation, volume 2, appendix B	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088687	Follow-on operational evaluation of the GMLS (Guided Missile Launching System) Mk 26	1978
19780088688	AIM-4F WSEM structural modification	1978
19780088691	Telemetry noise interference during AIM-7	1978
19780088694	Verification study of rocket exhaust gas diffusion model	1978
19780088696	Exhaust plume gas dynamic and radiation measurements on a 500-LBF-thrust liquid rocket engine at simulated flight conditions. Part 2: Laser-raman/mass spectrometer diagnostics	1978
19780088697	Gas deployed skirt expandable exit cone	1978
19780088698	Probability of motor failures due to environmental effects, part 1	1978
19780088699	Probability of motor failures due to environmental effects, part 2	1978
19780088700	BGM-34C RPV booster demonstration	1978
19780088701	Single state phenolic nested cone expandable exit cone demonstration	1978
19780088702	Graphite performance prediction program. Volume 3: Evaluation of kinetic and ablation modeling techniques	1978
19780088704	Two stage carbon/carbon nested cone expandable exit cone demonstration	1978
19780088705	Advanced surveillance analog/carton technology	1978
19780088706	MCIC Current Awareness Bulletin, issue no. 42	1978
19780088707	MCIC Current Awareness Bulletin, issue no. 41	1978
19780088708	Metals and Ceramics Information Center Current Awareness Bulletin, issue 35	1978
19780088709	Metals and Ceramics Information Center Current Awareness Bulletin, issue 43	1978
19780088710	MCIC Current Awareness Bulletin, issue no. 44	1978
19780088713	Exploratory experiments on the environmental behaviour of a fibredux 913/equerove glass fibre composite	1978
19780088721	Mechanical and Thermal properties of bimatrix composite materials	1978
19780088723	Microstructural analysis of 2-2-3 carbon reinforced carbon composites	1978
19780088725	GE-2.2.3 carbon-carbon billet 316 defect study	1978
19780088726	Composites and nonmetallic materials	1978
19780088727	The far infrared spectra of methacrylic and polymethacrylic acids	1978
19780088729	Electrochemical behavior of lithium in esters	1978
19780088730	Metallurgical characterization of a heat of argon-oxygen-decarburized HY-130 steel castings	1978
19780088732	Turbine vane and blade strip, reclamation and recoating development	1978
19780088739	Polymer adhesives used in hybrid microcircuits	1978
19780088740	Tests of thermal protection coatings on fiberglass reinforced plastic sleeves in a vented ammunition compartment	1978
19780088741	Surveillance: Air Force stockpiled impulse cartridges mark 2 mod 1	1978
19780088742	Extrudable HTPB propellants manufacturing methods and technology injection molded HTPB propellants	1978
19780088743	Development of an automated continuous melt-pour process for high explosives	1978
19780088744	Parametric combustion study of Otto Fuel 2 for rocket propulsion	1978
19780088745	Evaluation of composition B made with crude RDX (comp B/AA)	1978
19780088746	Control of solids distribution in HTPB propellants	1978
19780088749	Hazard study of NOS-365 liquid propellant	1978
19780088750	Improved solid propellant mechanical properties measurement for structural analysis input	1978
19780088752	Research on methanol fuel for automobiles	1978
19780088753	Fuels and lubricating materials for automobiles	1978
19780088754	Reclamation of magnesium powder from scrap/obsolete army illuminating composition	1978
19780088755	USAF propellant handbooks. Volume 3, part A: Nitrogen trifluoride, systems design criteria	1978
19780088756	USAF propellant handbook. Volume 3, part B: Nitrogen trifluoride, bibliography	1978
19780088757	Translations on USSR science and technology: Physical sciences and technology	1978
19780088758	Actual base and noise rejection of communications systems with noiselike signals	1978
19780088759	Recent soviet space station developments reviewed	1978
19780088760	The possibility of achieving self-pumping of a gas mixture in a repetitive pulsed laser	1978
19780088761	An efficient E-beam pumped HF chemical laser with high specific energy density	1978
19780088762	Photoionization CO2 laser with energy of 300 joules	1978
19780088763	The model of kinetic cooling of carbon dioxide gas	1978
19780088764	Translations on USSR science and technology: Physical sciences and technology	1978
19780088765	Microcoaxial cables for digital transmission systems	1978
19780088766	The 11GHz band transmitter for radio relay stations described	1978
19780088767	The effect of background noise on the capacity of discrete optical communications channels	1978
19780088768	Optimal measurement of the parameters of an optical signal against a background of time-space interference	1978
19780088769	Pulse propagation in a long light guide with random inhomogeneities	1978
19780088770	Interference light reflector with electrooptical control	1978
19780088771	Ultraviolet communication links based on molecular and aerosol scattering in the atmosphere	1978
19780088772	Interaction of internal waves and small-scale surface turbulence in the ocean	1978
19780088773	Cryogenic refrigerator for halo program	1978
19780088774	Propulsion systems analysis for air cushion vehicles	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088775	Manufacturing methods and technology for the establishment of production techniques for a split-cycle stirling cryogenic cooler	1978
19780088778	Task report. SOTAS modifications	1978
19780088779	Operational test III (OT III) of the AN/ARC-123(V) 1 radio receiving set and R-1963/ARN radio receiver	1978
19780088780	Operational test III (OT III) of the AN/ARC-115A(V) 1 radio set	1978
19780088781	Strategic satellite communication system survivability objectives	1978
19780088783	Precision Antenna Measurement System (PAMS) engineering services	1978
19780088784	Development Test and Evaluation (DT and E) executive summary and test report for radar set AN/TPS-59 (engineering development model)	1978
19780088785	Operation and maintenance instructions for RF blanker systems for the AN/SPS-10 radar	1978
19780088786	Sensor modulation studies	1978
19780088787	ULF communication studies	1978
19780088792	Spaceborne millimeter-wave antenna technology. Volume 1: Summary	1978
19780088793	Spaceborne millimeter-wave antenna technology. Volume 2: Appendices	1978
19780088797	Lightweight battlefield surveillance device. Portable Doppler radar has pulse compression signal processor to eliminate range sidelobe ambiguity and variable bandwidth capability to allow operation in heretofore prohibitive clutter conditions	1978
19780088798	Application of shape discrimination/Feature Oriented Processing (FOP) for change detection	1978
19780088799	Navy communications	1978
19780088801	Follow-on operational evaluation of NAVMACS (Navy Modular Automated Communications System A and V 2)	1978
19780088802	Information processing techniques program. Volume 1: Packet speech/acoustic convolvers	1978
19780088803	Aircraft radar cross section analysis. Volume 1: User's guide	1978
19780088804	Aircraft radar cross section analysis. Volume 2: Computer program listings	1978
19780088805	L-band radar clutter statistics for terrain and ice. Volume 1: Technical discussion and results	1978
19780088806	L-band radar clutter statistics for terrain and ice. Volume 2. Appendices	1978
19780088807	An approach to multicriteria design	1978
19780088808	Accuracy of parameter estimates for unresolved objects	1978
19780088810	New West German radars	1978
19780088816	Resistor, fixed, film type source control drawing resistor 3041753E	1978
19780088820	Development of a standardized magnetron family, phase 2	1978
19780088821	Qualification evaluation of the Gulton P/N EMIR283 A 750 VA 30 static inverter	1978
19780088826	Project briefs: Active projects	1978
19780088827	Project briefs: Completed projects supplement 22	1978
19780088828	A 10 KW Gas Turbine Engine Driven (GTED) generator set AC, operational test 2	1978
19780088829	Advanced electron device technology	1978
19780088833	A framework for designing testability into electronic systems	1978
19780088834	Manufacturing methods and technology measure fabrication methods for flow cost hybrid silicon photodetector modules	1978
19780088836	The 25 mm 0.9 micron wafer tube development	1978
19780088837	Samarium-Cobalt magnet for gyrotron, tube	1978
19780088838	Video IR circuits	1978
19780088840	Qualification of MS17320-4 quick attach-detach mounting device for aircraft electrical equipment	1978
19780088846	The 70 MHz analog-to-digital converter building block	1978
19780088852	Revision of qualified products list for dc generators and starter-generators	1978
19780088857	High efficiency I/J-band traveling-wave tube depressed collector study	1978
19780088864	The theory of dielectric losses and polarization, 2nd edition	1978
19780088865	Sine wave generator with trapezoidal amplitude modulation for auditory stimulation	1978
19780088877	Cavitation auto-oscillations and dynamics of hydraulic systems, part 1	1978
19780088878	Hydraulic ram investigations	1978
19780088879	Boundary-layer transition on the ARL/PSU pressure distribution body operating in the 48-inch diameter water tunnel	1978
19780088882	Twin gimbals	1978
19780088883	Feasibility test of hand-held compass, 15-TD	1978
19780088884	Star detector upgrade for HAADS	1978
19780088885	SDATS recordings	1978
19780088886	Basic materials for photomasks and photolithography	1978
19780088888	Laser effects assessment program	1978
19780088889	Advanced sensor concepts study	1978
19780088890	Nonionizing radiation protection special study. Evaluation of the infrared aiming light, AN/PAQ-4 laser, May 1978	1978
19780088892	Helicopter remote wind sensor, White Sands missile range, NM March-May 1978	1978
19780088893	High energy laser range safety, Kirtland Air Force Base, New Mexico, 30 Mar. 1978	1978
19780088894	Advanced transfer chemical laser evaluation	1978
19780088897	Electronic control system	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088899	Laser technology in modern biology	1978
19780088902	Tracked vehicle gas turbine engine combined programs. Volume 2: Ceramic reheat combustion system studies	1978
19780088904	Development of short duration laboratory test techniques and instrumentation for evaluation of tread wear of military truck tires	1978
19780088905	Turbines for gas pipelines: State prize nomination to technology of treating high-temperature materials	1978
19780088906	Economic analysis of reliability improvement warranties for army aviation systems	1978
19780088907	Manufacturing-methods and technology program for screening of electronic components	1978
19780088908	Reliability growth: Myth or fact	1978
19780088910	Development of comparative data on the blast containment capability of several materials	1978
19780088911	Translations on USSR science and technology: Physical sciences and technology	1978
19780088912	New Automated information system for electronics described	1978
19780088913	Interaction of currents with wind waves	1978
19780088914	Intensification of surface waves during reflection from tangential disruption in velocity	1978
19780088915	Ring lasers and laser gyroscopes	1978
19780088916	Gamma-ray spectrometry of sea bottom in mineral exploration	1978
19780088917	Meteorology and Hydrology, no. 7, July 1978	1978
19780088918	Analysis of temperature and geopotential fields in the lower mesosphere	1978
19780088919	Wind power resources and methods for their evaluation	1978
19780088920	Comparison of records for determining the state of the atmospheric boundary layer from measurements on the high mast at the Institute of Experimental Meteorology	1978
19780088921	Rationalization of the measuring network using the criterion of accuracy of mathematical description of the norms field	1978
19780088922	Recent changes in the ice cover of the Arctic Ocean	1978
19780088923	Baroclinic instability of integral circulation in the northwestern part of the Pacific Ocean	1978
19780088924	Hydrodynamic model of sliding in a turbulent flow	1978
19780088925	Methods for determining the mean and mean weighted slopes of a basin	1978
19780088926	Analysis of methods for computing transformation of high-water inflow into small reservoirs	1978
19780088927	Influence of horizontal nonuniformity of the coefficient of soil filtration on the intensity of percolation	1978
19780088928	Use of network snow surveys for studying snow cover contamination	1978
19780088929	Interrelationship of fields of meteorological elements in the equatorial zone (zonal model)	1978
19780088930	Use of correlation analysis in laser measurements of wind velocity	1978
19780088931	Some recommendations on the method for constructing the calibration curves for soil moisture content converters	1978
19780088932	Theoretical investigations of middle-latitude atmospheric fronts and cyclones	1978
19780088933	Experience in computing and disseminating hemispherical numerical forecasts at the Tashkent Regional Meteorological Center	1978
19780088935	On the discrepancy of forward and back azimuths at paired Laplace points	1978
19780088936	Accuracy and stability of perspective centers	1978
19780088937	A unified approach to Mapping, Charting, and Geodesy (MC and G) data base structure design	1978
19780088938	Aircraft battery charger compatibility tests	1978
19780088939	USAF terrestrial energy study. Volume 2: Air Force terrestrial power requirements	1978
19780088941	Superconducting microwave energy compressor	1978
19780088942	Applications of an electrochemical analyzer for water pollutants	1978
19780088945	Safety, Pollution Abatement, and Conservation Energy Review (spacer) for munitions plant modernization: Second presentation for the Army Research Office (ARO)	1978
19780088946	A key to the mysteries of the earth: An MHD probe of the earth's crust	1978
19780088947	The eotvos-experiment	1978
19780088948	The AFGWC automated cloud analysis model	1978
19780088950	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19780088951	Functional stability of the cerebral circulation system	1978
19780088952	The methodology of psychosocial research	1978
19780088953	Experience in psychological classification of some occupations for the purposes of vocational counseling	1978
19780088954	The USAF hearing conservation program: Why it is needed and how it works	1978
19780088955	Sonic booms of the Mirage 3: Recording of pressure variations on the ground, and the effect on the auditory system of the guinea pig	1978
19780088956	Study of the effect of transient impulse noise (weapon report) upon living organisms: Preliminary testing aimed at using auditory evoked potentials as a basis for objective audiometry of guinea pigs	1978
19780088957	Cosmonaut safety	1978
19780088958	Low altitude training airspace limitations	1978
19780088962	Compatibility/training evaluation of near-term aircrew Chemical Defense (CD) equipment	1978
19780088964	The formal design and analysis of distributed data-processing systems	1978
19780088968	Automated data acquisition and processing technology (ADAPT)	1978
19780088969	MC6800 microprocessor and related peripheral devices: Product evaluation	1978
19780088970	Large scale data base processor study	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19780088971	Linguistic documentation of metal system	1978
19780088972	Adaptive verification and validation. Volume 1: Summary	1978
19780088973	Adaptive verification and validation. Volume 2: Research progress evaluation report	1978
19780088974	Conversion of a hull-Eulerian code to the CRAY-1 vector computer	1978
19780088975	Improved programmer productivity: An easy way out	1978
19780088977	Least squares adjustment	1978
19780088980	Analysis of airborne noise generated by amphibious assault landing craft "jeff (B)" during tether tests	1978
19780088982	Surface acoustic wave devices for electronic countermeasures (ECM). Volume 1: Temperature stable saw filters	1978
19780088985	Mechanical properties of infrared transmitting materials	1978
19780088992	Wavelength conversion technology	1978
19780088993	Nitinol connectors for micron size fibers	1978
19780088996	Operational test III (OT III) of the handheld thermal viewer (HHTB, AN/PAS-7)	1978
19780088998	Minimum combustion gas recirculation ratio for fuel-gas conversion in a MHD cycle	1978
19780088999	Study of wavelength conversion concept	1978
19780089002	Air Force Flight Test Center technology needs	1978
19780089004	Highlights of independent research and independent exploratory development for fiscal year 1977	1978
19780089009	Data retrieval program for an Air Force Logistics Command computer data base	1978
19780089010	Evaluation of industrial liquid waste treatment facilities/processes at Radford Army ammunition Plant	1978
19780089011	BST-1M on-board submillimeter telescope	1978
19780089013	Translations on USSR science and technology: Physical sciences and technology	1978
19780089014	Status and prospects for development of work on remote data processing	1978
19780089015	The base telecommunications method of access	1978
19780089016	Composition of the OS ES operating system	1978
19780089017	Carrier of towed instruments for hydrophysical studies	1978
19780089018	Seminar on atomic spectral analysis using lasers	1978
19780089019	Third Soviet-American seminar on the topic: General technical problems in the utilization of solar energy	1978
19790002328	A combination of remote and ground-based methods for studying young folded deformations in the Western Kopetdag Depression	1978
19790002344	Indoor test for thermal performance evaluation on the Northrup concentrating solar collector	1978
19790002464	Mechanisms, models, and myths: Fiction and fact in tropospheric chemistry	1978
19790002465	The natural and perturbed troposphere	1978
19790002466	Possible nonurban environmental effects due to carbon monoxide and nitrogen oxides emissions	1978
19790002467	The effects of increased CO and NO(x) upon tropospheric OH, CH4, and related species	1978
19790002468	The transport cycle of atmospheric ozone and its measurements from aircraft and at the earth's surface	1978
19790002469	Urban precursors and their photochemical products	1978
19790002470	Mathematical modeling of the polluted troposphere	1978
19790002471	The role of computer modeling of photochemical smog in defining existing measurement needs	1978
19790002472	Atmospheric sulfur behavior in power plant and regional plumes	1978
19790002473	Soot-catalyzed oxidation of sulfur dioxide	1978
19790002771	Planning for airport access: An analysis of the San Francisco Bay area	1978
19790002837	Network design	1978
19790002838	Ground support	1978
19790002839	Regulations and regulatory agencies	1978
19790002840	Public policy	1978
19790002841	Impact of the ACIS	1978
19790002899	Self-acting shaft seals	1978
19790003061	Shield group 5 suppressive shield plastic linear and propellant testing	1978
19790003271	Evaluation of the round compact specimen for fatigue-crack growth rate testing	1978
19790003430	Ideal solution of an inverse normal mode problem with finite spectral data	1978
19790003481	US experiments flown on COSMOS 782	1978
19790003482	Response of crown gall tissue to the space environment: Residual carbohydrates in supporting tissue	1978
19790003483	Responses of crown gall tissue to the space environment: Tumor development and anatomy	1978
19790003484	Responses of crown gall tissue to the space environment: Glutamine synthetase activity	1978
19790003485	Responses to crown gall tissue to the space environment: Isozyme patterns	1978
19790003486	The morphogenetic responses of cultured totipotent cells of carrot (<i>Daucus carota</i> L.) at zero gravity	1978
19790003487	HZE-particle dosimetry	1978
19790003488	Killfish development in zero-G on COSMOS 782: Fundulus experiment K-104	1978
19790003489	Absence of gastric ulceration in rats after flight on the COSMOS 782	1978
19790003490	Effect of space flight on cell-mediated immunity	1978
19790003491	Experiment K-002: Results of histological examination of inguinal lymph nodes, supplementary report	1978
19790003492	Alterations in erythrocyte survival parameters in rats after 19.5 days aboard COSMOS 782	1978
19790003493	Effects of space flight on plasma and glandular concentrations of pituitary hormones	1978
19790003494	Histological studies on tibial bone of rats in the 1975 COSMOS-782 flight. Part 1: Endochondral osteogenesis; medullary bone turnover	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790003495	Histological studies on tibial bone of rats in the 1975 COSMOS-782 flight. Part 2: Microradiographic study of cortical bone	1978
19790003496	Mineralization in teeth and jaws, as judged radiographically, in rats of the COSMOS-782 experiment	1978
19790003497	Quantitative analysis of selected bone parameters	1978
19790003498	Cosmic ray effects on the eyes of rats flown on COSMOS 782	1978
19790003499	Effects of weightlessness on the embryonic development and aging of Drosophila	1978
19790003501	The Cosmos 936 mission	1978
19790003502	Effects of weightlessness on the genetics and aging process of drosophila melanogaster	1978
19790003503	Effect of weightlessness and centrifugation (LXG) on erythrocyte survival in rats subjected to prolonged space flight	1978
19790003504	COSMOS 936, experiment K204: The effects of space flight on some liver enzymes concerned with carbohydrate and lipid metabolism in the rat	1978
19790003505	Quantitative analysis of selected bone parameters	1978
19790003506	Space radiation dosimetry onboard COSMOS 936: US portion of experiment K-206	1978
19790003507	Cosmic ray effects on the eyes of stationary and centrifuged rats flown on COSMOS 936, experiment K-207	1978
19790003508	COSMOS 936, experiment K-208: Spaceflight effects on muscle fibers	1978
19790003564	Anthropometric Changes in Weightlessness	1978
19790003568	Arm-leg reach and workspace layout	1978
19790003569	Range of Joint Motion	1978
19790003570	Human Muscular Strength	1978
19790003571	Anthropometry in sizing and design	1978
19790003572	Statistical considerations in man-machine designs	1978
19790003968	Test results from the NASA/Rockwell international space shuttle integrated vehicle test (IH 85) conducted in the AEDC-VKF tunnel A	1978
19790003982	Evaluation of manufacturing processes for boron/aluminum composites containing 0.2-mm-diameter boron fibers	1978
19790004030	The effect of nitrogen ion (N(+)) implantation on the friction and wear characteristics of iron	1978
19790004042	NBS: Properties of electronic materials	1978
19790004813	The Martian landscape	1978
19790004837	High-speed aerodynamics	1978
19790005137	Stability and bifurcation of equilibrium of a body containing a liquid	1978
19790005198	Performance of a Nasvytis multiroller traction drive	1978
19790005233	Some questions on nonlinear deformation in solids	1978
19790005306	Remotely sensed wave spectra from joint north sea experiments 2	1978
19790005310	LANDSAT 3 world standard catalog, 1-31 August 1978	1978
19790005311	LANDSAT 2 world standard catalog, 1-31 August 1978	1978
19790005372	Energy scenarios: Supplementary studies	1978
19790005696	Effects of collisions on level populations and dielectric recombination rates of multiply-charged ions	1978
19790005730	Aerothermal Tests of a Heat-Pipe-Cooled Leading Edge at Mach 7	1978
19790005796	Tholins: Organic chemistry of interstellar grains and gas	1978
19790005815	Coronal magnetic-field model with nonspherical source surface	1978
19790005980	Heat transfer on the NASA/Rockwell International space shuttle orbiter at Mach number 8.0 in AEDC/VKF tunnel B	1978
19790006240	Deformation and destruction of solids	1978
19790006268	Severe storm experiment summary	1978
19790006269	Derived water temperatures using S191 and S192 data	1978
19790006270	Inversion of S191 data into temperature and water vapor profiles	1978
19790006271	The variational analysis of June 11, 1973, meteorological data	1978
19790006272	The correlation of Skylab L-band brightness temperatures with antecedent precipitation	1978
19790006273	Soil moisture study using the S193 radiometer	1978
19790006274	S193 scatterometer correlation with soil moisture	1978
19790006275	Rectification of a whole-sky photograph as a tool for determining spatial positioning of cumulus clouds	1978
19790006276	Severe storm cloud-top characteristics	1978
19790006277	Remote sensing of atmospheric water vapor	1978
19790006881	Computer simulation of an aircraft engine fuel injection system	1978
19790007183	Application of remote sensing to selected problems within the state of California	1978
19790007211	LANDSAT 3 world standard catalog, 1-30 November 1978	1978
19790007933	Design, development, test, and evaluation of an automated analytical electrophoresis apparatus	1978
19790008318	An empirical model for atmospheric transmittance functions and its application to the NIMBUS-6 HIRS experiment	1978
19790008694	Active controls in aircraft design. Executive summary	1978
19790008699	F-8 active control	1978
19790008700	Highly maneuverable aircraft technology	1978
19790008701	Propulsion-flight control integration technology	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790008824	Air Force research on hydrogen	1978
19790008825	Hydrogen-oxygen for a Navy satellite	1978
19790008826	Hydrogen technology from thermonuclear research	1978
19790008827	NACA research on high-energy propellants	1978
19790008828	NACA research on hydrogen for high altitude aircraft	1978
19790008829	New initiatives in high altitude aircraft	1978
19790008831	The early US space program	1978
19790008832	Early high-energy upper stages	1978
19790008834	Saturn, 1959	1978
19790008835	Hydrogen through the nineteenth century, appendix A-1	1978
19790008836	Rocket pioneers, appendix A-2	1978
19790008837	Hydrogen technology, 1900-1945	1978
19790008838	Hydrogen as a rocket fuel, appendix A-4	1978
19790008839	Propulsion primer, performance parameters, and units	1978
19790009082	Plan for the reliability and maintainability evaluation of the Discrete Address Beacon System (DABS) engineering laboratory models	1978
19790009109	Skylab EREP investigations summary: Introduction	1978
19790009110	Land use and cartography	1978
19790009111	Agriculture, range, and forestry	1978
19790009112	Geology and hydrology	1978
19790009113	Oceans and atmosphere	1978
19790009114	Data analysis techniques	1978
19790009115	Appendix A: EREP sensor systems	1978
19790009116	Appendix D: Principles of photographic and digital data analysis	1978
19790009486	Acoustic scattering from an elliptic body	1978
19790009553	Research on the problem of efficient R and T program formulation under conditions of uncertainty and risk	1978
19790010249	Improvement of green number and brightness keys used in Label Identification from Statistical Tabulation (LIST)	1978
19790010806	Rotor fragment protection program: Statistics on aircraft gas turbine engine rotor failures that occurred in US commercial aviation during 1976	1978
19790010839	Computer-aided collection of demographic data within day-night level contours: Two test cases	1978
19790011295	Low temperature fabrication of high efficiency silicon solar cells	1978
19790012010	Plume Characterization of a One-Millipound Solid Teflon Pulsed Plasma Thruster	1978
19790012201	A chemical singlet molecular oxygen generator	1978
19790012295	US Geological Survey sources of photographs and images of biosphere reserves taken from spacecraft and aircraft: Olympic National Park	1978
19790012296	US Geological Survey sources of photographs and images of biosphere reserves taken from spacecraft and aircraft: Great Smoky Mountains National Park	1978
19790012297	US Geological Survey sources of photographs and images of biosphere reserves taken from spacecraft and aircraft: Glacier National Park	1978
19790012638	Applications of algebraic geometry in system theory	1978
19790012790	Sun, Weather, and Climate	1978
19790012791	Sun, Weather, and Climate: Introduction	1978
19790012792	Solar-related correlation factors and energy sources	1978
19790012793	Long-term climatic trends	1978
19790012794	Short-term meteorological correlations	1978
19790012795	Miscellaneous obscuring influences	1978
19790012796	Physical processes and mechanisms	1978
19790012798	Guidelines for experiments	1978
19790013048	TNT equivalency of composition A5	1978
19790013657	On reliable control system designs with and without feedback reconfigurations	1978
19790013938	F-100 turbine engine afterburner emission tests	1978
19790014460	Research on energy storage for solar thermal conversion	1978
19790014512	Ionosphere research	1978
19790014559	Wind field and trajectory models for tornado-propelled objects	1978
19790014923	The effects of design and operating variables on the response of an axial flow fan to inlet flow distortions	1978
19790015322	Satellite Power System (SPS) public acceptance	1978
19790015397	Studies of stratospheric eddy transport. 1: The observed ozone flux by the transient eddies, 0-30 KM. 2: Eddy diffusion coefficients and wind statistics, 30-60 KM	1978
19790015413	Goldstone validation survey, phase 1	1978
19790015430	An Analysis of the Data Collection Modes of a Digital Weather Radar System with Respect to Significant Severe Weather Features	1978
19790015679	S201 far-ultraviolet atlas of the large Magellanic cloud	1978
19790015737	Aerodynamics	1978
19790016113	Loose-particle detection in microelectronic devices	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790016264	Preliminary environmental assessment for the Satellite Power System (SPS). Volume 1: Executive summary	1978
19790016331	Swedish solar energy projects, 1978	1978
19790016791	Effect of angle attack on cavity flow oscillations, phase 2	1978
19790016877	Proceedings of the USAF/NASA International Spacecraft Contamination Conference	1978
19790016878	Outgassing of materials in the space environment: A thermokinetic approach	1978
19790016879	A multinodal model for surface contamination based upon the Boltzmann equation of transport	1978
19790016880	Outgassing rate of multilayer insulation	1978
19790016881	Applicability of thermogravimetric analysis to space contamination	1978
19790016882	Outgassing measurements on materials in vacuum using a vacuum balance and quartz crystal balances	1978
19790016883	Spacelab induced environment technical overview	1978
19790016884	Infrared radiation from the Space Shuttle contaminant environment	1978
19790016885	Spacecraft contamination model development	1978
19790016886	An improved analytic technique to predict space system contamination	1978
19790016887	Shuttle flow field analysis using the direct simulation Monte Carlo technique	1978
19790016888	Backflow contamination from solid rocket motors	1978
19790016889	Contamination mechanisms of solid rocket motor plumes	1978
19790016890	Contamination and heat transfer problems resulting from high expansion of the subsonic boundary layer flow in the Voyager TE-M-364-4 solid rocket motor	1978
19790016891	Space Shuttle plume contamination	1978
19790016892	IR optical properties of bipropellant cryocontaminants	1978
19790016893	Exhaust plume contaminants from an aged hydrazine monopropellant thruster	1978
19790016894	Design of a propulsion system test facility to study rocket plumes in the space environment	1978
19790016895	Shuttle induced environment contamination monitor	1978
19790016896	Mass spectrometer for IECM. Part 1: Description. Part 2: Measurement concepts	1978
19790016897	Quartz crystal microbalance systems for shuttle contamination measurements	1978
19790016898	Considerations in the use of QCMs for accurate contamination measurement	1978
19790016899	Evaluating a contamination hazard with a residual gas analyzer	1978
19790016900	Molecular contamination studies by molecular beam scattering	1978
19790016901	Bipropellant engine pump study	1978
19790016902	Ground contamination monitoring methods	1978
19790016903	Assemblage analysis: Identification of contamination sources	1978
19790016904	Space grade chemically foam silicone elastomers	1978
19790016905	Aluminum oxide particles produced by solid rocket motors	1978
19790016906	Effectiveness of the Shuttle Orbiter payload bay liner as a barrier to molecular contamination from hydraulic fluids	1978
19790016907	Particulate contamination: Tie-down with parylene C	1978
19790016908	AFGL infrared survey experiments cleaning procedure	1978
19790016909	Particulate contamination control for the Viking and Voyager unmanned planetary spacecraft	1978
19790016910	The 2nd surface mirror cleaning and verification	1978
19790016911	Puncture discharges in surface dielectrics as contaminant sources in spacecraft environments	1978
19790016912	Spacecraft test chamber contamination study, AEDC Mark 1 Facility	1978
19790016913	Measurements of the kinetics and transport properties of contaminants released from polymeric sources in space and the effects on collecting surfaces	1978
19790016914	The influence of the UV-intensity on IF-filter protected second surface mirror alpha sub s stabilities, including surfaces with conductive top layers	1978
19790016915	Silver-teflon contamination UV radiation study	1978
19790016916	The control of spacecraft contamination: Where are we going	1978
19790017845	Ground-based measurements of the wake vortex characteristics of a B-747 aircraft in various configurations	1978
19790017965	Evaluation of surface properties in SPAR electrophoresis	1978
19790018342	Central receiver thermal power system	1978
19790019163	IEA biomass information service. Current awareness bulletin, May - June 1978	1978
19790019507	Demands and effects of solar technology on electric power storage	1978
19790019529	Production of hot water with the aid of solar energy: Conditions and costs	1978
19790020610	Energy research and development in Sweden, 1978-1981	1978
19790020661	Intense electrostatic waves near the upper hybrid resonance frequency	1978
19790020813	Experimental and theoretical studies on model helicopter rotor noise	1978
19790020943	Electric/hybrid vehicle simulation program (ELVEC) user's manual	1978
19790021023	Investigation of the unsteady pressure distribution on the blades of an axial flow fan	1978
19790021453	Possibilities and limitations of solar energy utilization with the use of low-temperature collectors in the German Federal Republic: Principles, engineering systems, economy	1978
19790021482	Short notice on a grand forest: Tropical land converting sunlight to energy	1978
19790022173	Slope of Gran's plot: A useful function in the examination of precipitation, the water-soluble part of airborne particles, and lake water	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790022255	A millimeter wave attenuation and depolarization experiment using COMSTAR and CTS satellites	1978
19790023133	A Regenerable CO2 and Humidity Control System for Extended Duration Orbiter Missions	1978
19790023661	Central receiver design considerations for Brayton cycle solar power plants	1978
19790023680	Role of ammonia in the chemistry of atmospheric aerosols	1978
19790024829	Management of radioactive fuel wastes: The Canadian disposal program	1978
19790028498	Planetary protection guidelines for Outer Planet missions	1978
19790070528	Aerothermodynamic data base monthly data file contents report, phase C	1978
19790070544	System checkout of the 0.05-scale space shuttle vehicle orbiter 102 model (39-0) in the naal low speed wind tunnel (OA-223)	1978
19790070593	Measurement of gamma spectrometer response functions at energies up to 2 MeV	1978
19790070728	Program Documentation: Sinflo Thermal Model for Simulation of a Shuttle Extravehicular Mobility Unit	1978
19790070766	Guest investigator program for the Copernicus satellite: The temporal line-blanketing effects in the Ap star and UMa	1978
19790070768	A numerical study of resonance effects on the tidal evolution of satellite orbits	1978
19790070815	A modified Benedict-Webb-Rubin equation of state for gaseous and liquid oxygen	1978
19790070945	Inhibitor analysis for a solar heating and cooling system	1978
19790071175	Mission analysis program generator (MAPGEN)	1978
19790071178	Aerothermodynamic data base data file contents report, phase C.	1978
19790071594	General operating procedures for Water Immersion Facility (WIF), revision c	1978
19790071919	Semiconductor technology program: Progress briefs	1978
19790071942	Optimizing the search for Jupiters around other stars	1978
19790071959	Space Shuttle Astronauts Press Conference	1978
19790072016	FY 1979 Budget Briefing	1978
19790073970	Press Conference	1978
19790073971	Skylab Press Conference	1978
19790073974	Pioneer-Venus Press Briefing	1978
19790073975	Pioneer-Venus Science News Briefing	1978
19790073976	Nimbus-G and Tiros-N Satellites	1978
19790073977	Aerothermodynamic data base, phase C. Data file contents report	1978
19790073984	Stresses in a three-dimensional undirectional composite containing broken fibers	1978
19790074037	Blade end wall flows in compressors	1978
19790074047	On the distribution of shaker forces in multiple-shaker modal testing	1978
19790074050	LANDSAT-C Press Conference	1978
19790074051	Press Briefing on Seasat-A	1978
19790074127	Remarks by A. M. Lovelace, Deputy Administrator, National Aeronautics and Space Administration	1978
19790074142	Background material: NASA FY 1979 Budget Briefing	1978
19790074143	The NASA FY 1979 budget	1978
19790074150	Infrared spectra of molecules and materials of astrophysical interest	1978
19790074188	Payload integration plan: Space transportation system and SYNCOM 4	1978
19790074189	Payload integration plan: Space transportation system and Office of Space and Terrestrial Applications payload (OSTA-1)	1978
19790074190	Inertial Upper stage/shuttle project integration plan	1978
19790074191	Payload integration plan: Space transportation system and Galileo project	1978
19790074193	Space shuttle program solid rocket booster decelerator subsystem	1978
19790074403	Final report	1978
19790074418	Manned maneuvering unit design and performance specification	1978
19790074429	SPAR structural analysis system reference manual, system level 13A. Volume 1: Program execution	1978
19790074430	SPAR structural analysis system reference manual, system level 13A. Volume 2: Theory	1978
19790074431	SPAR structural analysis system reference manual, system level 13A. Volume 3: Demonstration problems	1978
19790074585	Measurement of induced-emission cross section and line broadening of copper laser lines 4 sub P2P sub 3/2-4S2D sub 5/2 and 4 sub P2p sub 1/2-4S2D sub 3/2	1978
19790074761	A sensitive infrared imaging upconverter and spatial coherence of atmospheric propagation	1978
19790074803	Study and analysis of the real time solar magnetograph	1978
19790075181	IMS/SSC directory of spacecraft and experiment scientific contacts	1978
19790075429	Non-Gaussian correction to incoherent-scattering functions in liquids	1978
19790075632	Ecology and thermal inactivation of microbes in and on interplanetary space vehicle components	1978
19790075677	XPS studies of ion bombardment damage of iron-sulfur compounds	1978
19790075768	Petitions for patent waivers: Findings of fact and recommendations of the NASA Inventions and Contributions Board	1978
19790075780	A search for slow X-ray pulsars from OAO Copernicus	1978
19790075817	Skylab reuse study	1978
19790076145	NASA benefits briefing notebook	1978
19790076306	Contact end-item specification for flexible multiplexer/demultiplexer	1978
19790076413	Ground based measurements of tropospheric N2O	1978
19790077293	Solar thermal power generation. A bibliography with abstracts	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790077338	US army helicopter drive system overhaul management	1978
19790077379	Microbial contamination control plan for Orbital Flight Test (OFT) missions	1978
19790077437	Heat pipe technology. A bibliography with abstracts	1978
19790077438	Heat pipe technology. A bibliography with abstracts	1978
19790077439	Heat pipe technology: A bibliography with abstracts	1978
19790077440	Heat pipe technology. A bibliography with abstracts	1978
19790077473	Hydrogen energy: A bibliography with abstracts	1978
19790077474	Hydrogen energy. A bibliography with abstracts	1978
19790077475	Hydrogen energy. A bibliography with abstracts	1978
19790077476	Hydrogen energy: A bibliography with abstracts	1978
19790077480	Solar thermal power generation. A bibliography with abstracts	1978
19790077481	Solar thermal power generation. A bibliography with abstracts	1978
19790077925	The utilization of the analytic graph method to determine the best shape of thin delta wings in supersonic flow	1978
19790077932	Ceramic regenerator systems development program	1978
19790078109	Experimental stations of piston and gas turbine engines	1978
19790078530	Calculation of electromagnetic relays for equipment for automation and communication, part 3	1978
19790078782	Magnetic and velocity fields of faculae in collation with OSO-I	1978
19790078946	Mass transfer in three-phase fluidized beds	1978
19790079225	Biological liquids handling procedures study	1978
19790079516	Advanced photovoltaic experiment for the long duration exposure facility	1978
19790079557	Rock pushing and sampling under rocks on Mars	1978
19790079917	Study of ion molecule reactions of importance in planetary atmospheres	1978
19790079975	Test operations center operational readiness verification test procedure system power-up/power-down	1978
19790080028	Radioactive foodchains in the subarctic environment	1978
19790080290	Electromagnetic modification of disuse osteoporosis	1978
19790080399	Shuttle avionics integration laboratory data processing plan	1978
19790080522	Studies on the bioassayable growth hormone-like activity of plasma	1978
19790080528	Computerized system for the measurement of gallstone volume, in vivo	1978
19790080569	Computer program to calculate three-dimensional boundary layer wings with wall mass transfer. Program user's document	1978
19790080570	Computer program to calculate three-dimensional boundary layer flows over wings with wall mass transfer. Volume 1: Program maintenance document	1978
19790080571	Computer program to calculate three-dimensional boundary layer flows over wings with wall mass transfer. Volume 2: Program maintenance document, appendix	1978
19790080573	Nonlinear mathematical model of nonstationary flow around main rotor	1978
19790080574	Effect of close-coupled canard on low-speed aerodynamic characteristics of a model of a highly maneuverable airplane (U)	1978
19790080582	Supersonic cruise vehicle technology assessment study of an over/under engine concept. Volume 2: Appendixes	1978
19790080583	Flying qualities of an aircraft with strong lateral-directional coupling	1978
19790080584	A detail weight statement for a typical mach 2.7 supersonic cruise aircraft study configuration	1978
19790080586	Influence of the intended use of an aircraft on the optimal parameters of gas-turbine power plants	1978
19790080587	Simulator study of high-angle-attack flight of the F-14 airplane with maneuver slats	1978
19790080588	Electronic fog generator for flight simulation	1978
19790080591	Space technology and production	1978
19790080593	On-orbit checkout of satellites, volume 1. Part 3 of on-orbit checkout study	1978
19790080595	Lunokhod-1: Mobile Laboratory on the Moon, volume 2	1978
19790080601	Potential benefits for satellite surveillance of the 200-mile coastal zone	1978
19790080602	Extendible and retractable wire antennas for International Sun Earth Explorer spacecraft (ISEE A and C)	1978
19790080603	Three-D radio mapping antenna mechanism. International Sun Earth Explorer spacecraft (ISEE-C)	1978
19790080604	Large space structures-configuration, packaging	1978
19790080608	Results of a test in the MSFC 14-inch wind tunnel to determine the space shuttle launch vehicle attach structure aerodynamics and the effects of mold line changes, instrumentation leads and tunnel flow angularity on the launch vehicle aerodynamics, volume 1	1978
19790080611	Structural attachments for large space structures. Task 1 report: Development of attachment concepts	1978
19790080612	Twist and sway testing of inertial measurement Unit (IMU)	1978
19790080614	Investigation of the creep rupture strength of carbon composites at different temperatures	1978
19790080615	Composite bolted-joint specimens: Experimental results	1978
19790080618	Peculiarities of the low-temperature polymerization of carbon suboxide by irradiation	1978
19790080621	Communication satellite network conceptual design and program definition study	1978
19790080626	Solar Extinction Radiometer (SER) conceptual design study	1978
19790080629	Study, coal radar measuring system	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790080630	Rate design for Central Valley Project, projection of future customer usage for the period twelve months ended June 30, 1978, and analysis of customer usage for the periods of twelve months ended June 30, 1973, 1974, 1975, 1976, and 1977	1978
19790080632	Phenomena in the polar ionosphere	1978
19790080635	The respiratory activity of mitochondria in the root cells of corn grown under conditions involving changes in the gravitational force	1978
19790080636	Structure of morphogenetic movements of gastrulation in anural amphibia. Report 2: Elementary morphogenetic processes	1978
19790080637	Effect of spaceflight on developing organisms	1978
19790080638	Present status of the problem of gravitational reception in plants	1978
19790080639	Structure of the morphogenetic movements of gastrulation in anura. Report 1: The destabilization of ooplasmic segregation and cleavage under the effect of clinostatic rotation	1978
19790080640	Adaptive biocontrol in neurology	1978
19790080643	Investigation of circulatory regulation during the orthostatic adaptation phase. Part 3: Influence of bed-rest and endurance training on early orthostatic regulation	1978
19790080644	Norms of radiation safety NRB-76	1978
19790080645	Space medicine and biology	1978
19790080646	Experimental methods and techniques in the field of applied human physiology	1978
19790080647	Toxicity of the pyrolysis products of spacecraft materials	1978
19790080648	Evaluation of the potential toxicity of candidate aircraft materials	1978
19790080651	Cooperative wind tunnel tests of Douglas advanced supersonic technology jet noise suppressor	1978
19790080652	Noise/cost sensitivity studies for a supersonic cruise vehicle with an over/under engine concept	1978
19790080657	Space. Earth. Law.	1978
19790080659	Lifestyle impacts of residence in the technology utilization house	1978
19790080660	Radiophysical investigations of the planets	1978
19790080661	Interaction of meteor matter with the earth's atmosphere	1978
19790080664	Cosmic Rays, no. 19	1978
19790080665	Cosmic Rays, No. 18	1978
19790080668	Simulation model of Cessna 402-B	1978
19790080680	Marshall mated element system mechanical separation simulator operational description and arming procedure	1978
19790080681	MMES TVC actuator simulator design document. Volume 3: Hardware self-test and repair document	1978
19790080682	MMES self-test hardware	1978
19790080719	Status of electric and hybrid vehicle propulsion system research and development in western Europe and Israel	1978
19790080747	Cylindrical wave study	1978
19790080756	Preliminary study of an advanced flow laser (U)	1978
19790080777	Missile age aviation	1978
19790080778	Carbonaceous soil removal. Part 1: Method for evaluation of cleaning compounds	1978
19790080780	Initial tests on a 20 ft chord, 30 deg swept wing section with laminar flow control over 30% of the chord	1978
19790080781	Performance evaluation of a kevlar (para-aramid) skirt band in A/P28S-21 and BA-25 parachute assemblies	1978
19790080782	Transition results from a 7-degree cone with various nose bluntnesses at mach 9 in the AEDC-VKF tunnel F	1978
19790080784	Independent evaluation report of Lighter, Air Cushion Vehicle, 30 ton (LACV-30). Executive summary	1978
19790080785	Development test 2 of air cushion vehicle, LACV-30	1978
19790080786	Compatibility evaluation of the mock-up SEA-PAC device	1978
19790080787	Documentation of a wind tunnel test to investigate the aerodynamic characteristics of the spike and free flight demonstration rockets with a simulated jet plume at Mach numbers from 0.4 to 1.3	1978
19790080788	Aerodynamic characteristics of a half-scale ACES 2 ejection seat with an anthropomorphic dummy crewman at free-stream Mach numbers from 0.2 to 1.4	1978
19790080789	Glissada, a laser landing control system	1978
19790080790	Operational evaluation of cardion electronics SARA kit at NASPt. mugu	1978
19790080791	Test and evaluation of AN/TPX-42A(V)8 CATCC/dair system (hardware portion)	1978
19790080792	Terminal homing applications for solid state imaging devices and microprocessors	1978
19790080793	Test and evaluation of the modified AN/ASN-123 tactical navigation set in the SH-3H helicopter	1978
19790080794	The feasibility of lowering USAF weather minimums	1978
19790080798	Contractor's spin demonstration of the T-34C airplane	1978
19790080799	A fuel system vulnerability reduction of twin engine fighter aircraft	1978
19790080800	YAV-8B demonstration instrumentation report. YAV-8B BuNo 158395	1978
19790080801	YAV-8B flight test program, graphite/Epoxy composite wing static test plan	1978
19790080803	Aerial delivery mission and tactics, 1977-1987	1978
19790080804	NATO guided weapon interface study 3785 AA	1978
19790080805	Resource requirements for flight test reliability and maintainability programs	1978
19790080806	Fighter CCV phase IV report. Volume 1: Program summary	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790080807	Tactical low level flying, a better way	1978
19790080808	YAV-8B 15 percent scale powered low speed and mini speed wind tunnel test series 2, volume 3	1978
19790080809	YAV-8B 15 percent scale powered low speed and mini speed wind tunnel test series 2, volume 1	1978
19790080810	YAV-8B 15% scale powered low speed and mini speed wind tunnel test series 2, volume 2	1978
19790080811	YAV-8B structural design loads report. Volume 1: Flight loads	1978
19790080812	YAV-8B structural design loads report. Volume 2: Ground loads	1978
19790080813	Engineering Design Test-Government (EDT-G) of Remotely Piloted Vehicle-System Technology Demonstrator (RPV-STD)	1978
19790080814	Computer aided thermal design of avionics for optimum reliability and life cycle cost	1978
19790080815	Aircraft instrumentation Subsystem (AIS) P-4 pod preproduction qualification test	1978
19790080816	B-1 defensive avionics: A case study in systems acquisition	1978
19790080817	Index of Naval Air Systems Command aircraft, missiles, rockets and their propulsion systems	1978
19790080818	Airplane responsive engine selection (ARES). Volume 2: Engine/airplane matching studies	1978
19790080820	Oxygen contaminant analyzer IOT and E	1978
19790080821	The economic realities of KC-135 weapon system trainers	1978
19790080822	Super particle impact tester	1978
19790080823	Disruption of guided missile components by mass focus devices	1978
19790080825	Static stability tests of a 1/10-scale Navy standard SM-2 ER(I) missile-booster model at transonic speeds	1978
19790080826	HARPOON missile exercise section. Environmental qualification tests (airtask A510-5109/054-D/5W1174-0000)	1978
19790080828	Stage separation study. Volume 1: Results of a study to determine the interference aerodynamics of a typical advanced terminal defense interceptor during the staging maneuver	1978
19790080829	Stage separation study. Volume 2: Flowfield correlation model	1978
19790080830	Titan II extended life analysis report	1978
19790080832	Samsco unmanned spacecraft cost model, fourth edition	1978
19790080833	Advanced post boost vehicle propulsion feed system	1978
19790080834	Carbon/carbon substrates for throat inserts of solid propellant rocket nozzles	1978
19790080836	Thermal properties of graphite fiber	1978
19790080841	Erosion mechanisms program. Volume 14: Test technique development in support of particle impact testing	1978
19790080842	Mechanical and thermal evaluation of MXCE-280	1978
19790080843	AFML/Aerotherm material qualification test	1978
19790080847	Investigation of low-cycle thermal-mechanical fatigue behavior of high-temperature superalloys	1978
19790080850	Thermal flash effects simulation on aircraft coating systems	1978
19790080852	Fuel composition	1978
19790080853	Calm water stability and performance test of the 1/12-scale SES-100A1 model	1978
19790080856	Surface field measurements on scale model E-4 aircraft	1978
19790080858	Unattended/minimally attended radar study	1978
19790080860	Efficient techniques for signal processing	1978
19790080862	Development test 2 of upgrading components for AN/TSQ-84	1978
19790080863	Detection probabilities for a fading signal in M alternative locations with d-fold diversity and incoherent combination of B bins per diversity branch	1978
19790080864	Survivability assessment of command, control and communications facilities. Volume 1: Land based systems	1978
19790080865	Closed structure bulk CMOS standard cell development	1978
19790080875	Electric powered on-base vehicles	1978
19790080876	Structural and electrical investigation of the silicon-silicon dioxide interface in thermally oxidized silicon	1978
19790080877	TDMA solid state transmitter	1978
19790080878	Physical characterization of electronic materials and devices	1978
19790080879	Comprehensive list of microwave tubes, addendum	1978
19790080880	Initial production test of power plant utility, MUST	1978
19790080881	The 30 MW superconductive motor designs with braid-type brushes	1978
19790080883	RADC test chamber carbon fiber velocity measurements	1978
19790080884	Optical data storage, displays and beam steering using the photorefractive and piezoelectric effects	1978
19790080885	A comparative analysis of the effectiveness of various methods of energy output from the active capacity of the laser	1978
19790080886	The generation of monochromatic sound in water during the absorption of laser radiation	1978
19790080887	AN/PVQ-3(3)V laser rangefinder sight exploratory development model	1978
19790080888	High-power laser undergoes a test	1978
19790080890	The effect of vehicle optical devices on the reflected laser radiation pattern	1978
19790080895	TARADCOM advanced turbine engine cycle analysis cooled/ceramic coated components	1978
19790080900	Application of statistical fracture criteria to the problem of predicting infrared dome thermal shock failures	1978
19790080901	Analysis of contact stresses in the threaded joints of missiles	1978
19790080903	Monitoring and controlling system for tetranitromethane pollutants in TNT exhaust gases	1978
19790080905	The utility of NOAA meteorological satellite data to military operations	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790080909	A pilot survey of human factors in V/STOL	1978
19790080910	An investigation of blue/gold crew operations	1978
19790080911	Initial operational test and evaluation flashblindness aircrew goggles	1978
19790080912	Design and analysis of a microprocessor-based digital autopilot for terminal homing missiles	1978
19790080915	One-step splitting methods formulated for semi-discrete parabolic equations	1978
19790080916	Midshipman journal, academic year 1977-1978, volume 6, 1978, part 2	1978
19790080917	Midshipman journal. Academic year 1977-1978, volume 6, 1978, part 1	1978
19790080918	Investigation of the sound field of a moving optical-acoustical antenna	1978
19790080920	The influence of waves on the surface of a liquid on the directional pattern of a floating optical-acoustical antenna	1978
19790080921	Investigation of trimetal material growth	1978
19790080922	The 1978 A8 ASEE-NASA Summer Faculty Fellowship Program	1978
19790080923	The 1978 NASA/ASEE Summer Faculty Fellowship Research Program	1978
19790080924	ASEE-NASA Summer Research Institute 1978	1978
19790080926	Reliability improvement warranties: An analysis contractor incentives and risks	1978
19790080927	Mission-oriented investigation and experimentation	1978
19790080928	Bureaucratic politics and the B-1	1978
19790080929	Criteria for a space system acquisition process designed for satellite and space system acquisition	1978
19790080930	A Study of the Flare Star Proxima Centauri as a Guest Investigation on SAS-3	1978
19790080931	Energy, flight simulation, flying hours, aircraft maintenance, and supply. An examination of the relationships	1978
19790080932	YAV-8B reliability and maintainability allocations, revision A	1978
19790080933	YAV-8B reliability and maintainability predictions, revision A	1978
19790080937	Documentation of a wind tunnel test to determine aerodynamic loads and separation trajectories of the MK-20 dispenser and the MK-82 snakeye bomb with the F-16 aircraft at Mach numbers from 0.6 to 1.2	1978
19790080938	AV-8B pretest report, 15 percent scale AV-8B loads and pressure test in the ames 14 foot transonic wind tunnel	1978
19790080942	Analysis of POS/NAV requirements for airborne RSTA/EW systems (U)	1978
19790080949	GSE study for Navy V/STOL aircraft and advanced systems	1978
19790080950	Carriage loads of the HEL-X tow target and the RMK-19 tow reel on the F-4 C/D	1978
19790080954	Test loading, AN/MS-66 communications van (satellite) and van mobilizer on C-5 and C-141 aircraft	1978
19790080957	Royal Saudi Air Force peace hawk 4 F-5E and F-5F initial operational test and evaluation (U)	1978
19790080959	Evaluation of service suitability of F-4J airplane with engineering change proposals (ECP's) 386F and 387F installed (U)	1978
19790080997	PATHAT gun system: Concept and feasibility (U)	1978
19790080998	Expansion of low-altitude envelopes for Rockeye 2 (U)	1978
19790081000	Evaluation of the weapon delivery system of the A-4KU airplane (U)	1978
19790081009	Tactical analysis bulletin, volume 78-2 (U)	1978
19790081020	F-15 AFDT and E air-to-air missile evaluation (AIM-9L) (U)	1978
19790081025	Operational evaluation of the EA-6B ICAP aircraft (U)	1978
19790081030	High energy laser-hardened transparent windscreens for Army aircraft (U)	1978
19790081031	Attack helicopter instrumented test phase 1 (AHIT-1). Independent evaluation report. Volume 2: Main report, appendix C. Annex X (U)	1978
19790081034	Attack helicopter instrumented test phase 1 (AHIT-1). Independent evaluation report. Volume 2: Main report (U)	1978
19790081035	B-52D avionics modernization feasibility demonstration (U)	1978
19790081036	Development test 2 (air delivery) of Man-portable Common Thermal Night Sight (MCTNS) (U)	1978
19790081037	Avionics planning guidance (U)	1978
19790081045	Product support program. Air turbine starters, air control valves	1978
19790081046	Product support program. Air turbine starters, air control valves	1978
19790081048	High Mach Turbopropulsion Combustor (HMTC) technology, 2 (U)	1978
19790081053	Supercritical wing flutter	1978
19790081058	Assessment of television trainers for night training	1978
19790081059	Vulnerability of military air bases in South Korea. A damage and repair assessment (U)	1978
19790081066	Mission requirements for orbit transfer operations. Volume 1: Executive summary	1978
19790081067	Mission requirements for orbit transfer operations. Volume 2: Technical report	1978
19790081068	Mission requirements for orbit transfer operations. Volume 3: Appendices	1978
19790081072	Real-time image reconstruction	1978
19790081074	Furrow theory of grazing erosion (U)	1978
19790081075	Technology development vehicle - 1 final postflight test report, change 1 (U)	1978
19790081078	Technical development vehicle - 2. Final postflight test report (U)	1978
19790081079	Technology development vehicle 3 postflight test report (U)	1978
19790081081	Sodium wake analysis program. Volume 2: Discrimination (U)	1978
19790081086	Independent evaluation report for development test 2 of the DRAGON missile jump pack	1978
19790081087	A digital seeker simulation for infrared spatial scenes. Volume 1: Reticle program and background studies	1978
19790081089	Wide aperture array targeting for harpoon (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081090	Installation and flight test of sidewinder expanded acquisition mode (SEAM) for the A-7 airplane (U)	1978
19790081101	Endo homing guidance technology study: Planar simulation (U)	1978
19790081110	The effects of bulk liquid fill on rocket flight performance (U)	1978
19790081134	Stage separation study. Volume 3: The results of a parametric analysis of the staging maneuver for a typical advanced terminal defense interceptor (U)	1978
19790081142	Terminal accuracy results of TOMAHAWK flight T10-3 and T10-4 using SMAC position updates (U)	1978
19790081150	Standoff guidance and control techniques for tactical air-to-ground missions (U)	1978
19790081159	AIM-9L Sidewinder follow-on operational test and evaluation (U)	1978
19790081163	Joint Army/Air Force Distance Measuring Equipment (DME)/Surface-to-Surface Missile (SSM) demonstration program (U)	1978
19790081175	AFFTC Evaluation of the Space Shuttle Orbiter and Carrier Aircraft: NASA Approach and Landing Test	1978
19790081176	Space shuttle vehicle modification program study. Volume 2: Technical results (U)	1978
19790081177	Space shuttle vehicle modification program study. Volume 1: Executive summary (U)	1978
19790081181	Small impulse bit ACS engine electromotive value	1978
19790081182	Radiometer requirements for high altitude rocket plume observation at submillimeter wavelengths	1978
19790081187	Development of process parameters for the preparation of graphite-copper alloy and graphite-lead alloy composites	1978
19790081188	Clear air and ablation/erosion nosetip material test results (U)	1978
19790081201	Ballistics tests on heat treated tungsten alloy penetrators after swaging (U)	1978
19790081220	Translations on USSR science and technology: Physical sciences and technology	1978
19790081221	Exhibit of the Svetlana electronic instrument construction association described	1978
19790081222	On one method of the frequency separation of signals by means of digital filtering	1978
19790081223	Control of the direction finding sensitivity of optoelectronic systems with symmetric input	1978
19790081224	Attenuation spectra of optical glasses	1978
19790081225	Philosophical-methodological problems of space research	1978
19790081226	Translations on USSR Science and Technology: Physical Sciences and Technology	1978
19790081227	Tasks of systems of information support	1978
19790081228	Cybernetics Research in Uzbek SSR	1978
19790081229	M-sequence shaper with an extremely high clock frequency	1978
19790081230	Characteristics of certain multichannel filters examined	1978
19790081231	On the problem of measuring the Doppler phase of noise reflections from interfering objects	1978
19790081232	Nuclear energy: Scientific and technical problems of development	1978
19790081233	Forced scattering of depolarized radiation	1978
19790081245	High altitude electromagnetic pulse circuit damage assessment, AN/FSC-78 (V) satellite communications terminal and AN/USC-28 (V) spread spectrum modem, Volume 1: Methodology	1978
19790081246	B-52 G/H protective systems test range	1978
19790081252	Stationary target detection and classification studies (U)	1978
19790081253	Mini TWT expendable jammer (U)	1978
19790081254	Operational evaluation of the television sight unit (U)	1978
19790081256	Operational evaluation of the WLR-8(V) 4 ESM system (U)	1978
19790081260	Sotas engineering development model study (preliminary design plan) (U)	1978
19790081265	SOTAS radar design study (U)	1978
19790081266	Lincoln Laboratory program in tactical sensors and communications for the Air Force (U)	1978
19790081267	Position memorandum (in lieu of OT I IER) on stand-off target acquisition system (SOTAS) for asarc II (U)	1978
19790081269	MASR concept-validation Report (U)	1978
19790081271	Operational test II a for receiving set, special purpose, noncommunications detection AN/MSQ-1 (U)	1978
19790081272	Surface duct effects on fleet radars (U)	1978
19790081273	Airborne bistatic synthetic aperture harmonic radar study (U)	1978
19790081276	Lightweight foliage penetration radar (U)	1978
19790081277	Quiet radar theory and tests (U)	1978
19790081278	Validation of high-altitude EMP environments based on reported damage during operation fish bowl (U)	1978
19790081279	The expendable set-on communications jammer (U)	1978
19790081289	OTH-R investigations (U)	1978
19790081305	Discrimination research and analysis (U)	1978
19790081309	Millimeter-wavelength discrimination technology (U)	1978
19790081314	Survey of optical communications systems and associated countermeasures and counter-countermeasures in a naval contest (U)	1978
19790081315	Advanced Location Strike System (ALSS) participation in exercise Red Flag 77-9 (U)	1978
19790081320	Electronic Warfare Capabilities Objectives Plan (EWCOP) (U)	1978
19790081322	Coherent Wideband technology for aircraft identification (U)	1978
19790081323	Ship RCS scintillation simulation (U)	1978
19790081325	Performance specification for an adaptive HF communications system (U)	1978
19790081330	Superconducting microwave power sources for radar application: Phase 1 (U)	1978
19790081334	Technology for autonomous homing on non-pulsed emitters (U)	1978
19790081342	SOTAS radar design study. Volume 1: Design to cost (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081343	LES-8/9 joint test program. Volume 1: Program summary (U)	1978
19790081346	FY-77 MEECN technical test and evaluation summary report (U)	1978
19790081347	Radar cross section measurements of a Pershing 2 reentry vehicle model (U)	1978
19790081349	Quiet radar cw waveform analysis, volume1(U)	1978
19790081351	Quiet radar CW waveform analysis, volume2(U)	1978
19790081354	Exercise POLO HAT 78-2 evaluation report (U)	1978
19790081361	Millimeter wave coupled cavity technology	1978
19790081362	Operational Test 2/expanded OT 2 of Dragon missile jump pack	1978
19790081365	Manufacturing methods and technology (MM and T) measure for fabrication of low noise figure ion barrier microchannel plates LNF/MCPS (U)	1978
19790081366	The 18MM third-generation tube development (U)	1978
19790081368	The 18MM third-generation tube development (U)	1978
19790081370	Manufacturing Methods and Technology (MM and T) measure for fabrication of low noise figure ion barrier microchannel plates (LNF/MCPs) (U)	1978
19790081372	High band dual mode development program, phase 5 (U)	1978
19790081373	Modelling of galvanic currents (U)	1978
19790081376	Heat-transfer and pressure test results on the AMaRV configuration at Mach 9 and 13 (U)	1978
19790081380	Thermal-blooming compensation for a high-energy laser using the CLASP system (U)	1978
19790081382	Chemical laser subsystem study (U)	1978
19790081387	Brassboard modulator for HELS (U)	1978
19790081397	The effect of aperture shaping on thermal Blooming (U)	1978
19790081404	Laser passive countermeasure concepts (U)	1978
19790081405	Laser plume interaction (U)	1978
19790081408	HEMLAW utility analysis (U)	1978
19790081410	CALIBER 3, the BMDATC laser applications code, user's manual (U)	1978
19790081414	BMD laser signature modeling program (U)	1978
19790081421	ARPA/TTO program HOWLS (U)	1978
19790081423	Suggested natural variations in atmospheric minor neutral species	1978
19790081430	Studies on the reversibility of enzyme inhibited by some lethal quaternary ammonium compounds (EA3887, EA3990, and others) (U)	1978
19790081431	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19790081432	Distinctive features of the microcirculatory bed of the gastrocnemius of rats in weightlessness	1978
19790081433	Effects of single exposure to gravity accelerations on some parts of the brain	1978
19790081438	A computer simulation of the staff signal detection and process detection and processing (U)	1978
19790081447	Ambient noise near Madeira, August 1972 (U)	1978
19790081455	Support test of tank thermal sight, AN/VSG-2 (cold weather test) (U)	1978
19790081456	Operational evaluation of the visual target acquisition system in the F-14A (U)	1978
19790081462	Effects of focal-plane arrays, MTF, and atmospheric attenuation on predicted performance of FLIR imaging systems (U)	1978
19790081464	Endoatmospheric sensor performance program: Technique evaluation (U)	1978
19790081467	Critical optics technology (U)	1978
19790081468	Large deployable optics (U)	1978
19790081470	Endoatmospheric sensor performance program: Model design plan (U)	1978
19790081472	Operational use of the forward looking infrared sensor (FLIR) in the P-3B and P-3C aircraft (U)	1978
19790081476	Optical concepts definition analysis. Volume 2: Optical signatures analysis (U)	1978
19790081479	Optical discrimination development study (U)	1978
19790081481	Optical concepts definition analysis. Volume 1: Sensor technology (U)	1978
19790081486	Boundary layer payload definition and development study, volume 1 (U)	1978
19790081487	Optical designation evaluation (ODE) program, special technical report, active measurement range Doppler imaging (U)	1978
19790081488	Influence of opacity on the radiative properties of an exploded multiple aluminum wire generated plasma (U)	1978
19790081489	PbSnTe-Si focal plane technology (U)	1978
19790081490	NASA-ASEE summer faculty research institute	1978
19790081491	Management information and control	1978
19790081492	Science and technology objectives guide, FY79 (STOG-79) (U)	1978
19790081494	A history of aircraft maintenance in the Army Air Force and the United States Air Force	1978
19790081495	Static force and pressure tests of the Supersonic Tactical Aircraft Configuration (STAC) at mach numbers 1.5 to 2.75	1978
19790081496	Boundary layer payload definition and development study, volume 2, Appendixes	1978
19790081498	Documentation of a static stability and drag test of a blunt nose cylinder with a split flare afterbody	1978
19790081499	Documentation of a wind tunnel test to investigate the aerodynamic characteristics of the SCAMP aircraft configuration at Mach numbers from 0.25 to 1.3	1978
19790081500	The LTA: Its potential application to a C3 mission	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081501	Dynamic force measurements and boundary-layer transition mapping on a spinning 9-deg cone with and without mass addition at Mach numbers 5 and 8	1978
19790081503	Drifting buoy airdrop system	1978
19790081504	Implications for large fixed wing jet aircraft under low-level wind shear conditions. C-141 special emphasis	1978
19790081505	Optimum interaction of near navigation radio systems with an onboard navigation complex	1978
19790081506	Navigation by satellite from submerged submarines	1978
19790081507	Advanced guidance technology program	1978
19790081508	Stellar sensor strapdown alignment study	1978
19790081509	Follow-on operational evaluation of the CATCC DAIR air traffic control system AN/TPX-42 a v8	1978
19790081510	Unaided tactical guidance	1978
19790081511	Unaided Tactical Guidance (UTG)	1978
19790081512	On the distortion of high aspect ratio wings with fibre composite surfaces	1978
19790081513	CH-53E helicopter downwash evaluation	1978
19790081517	The C-130: Past and future transport role	1978
19790081518	Preliminary flight test report, YC-141B program	1978
19790081519	Study of aircraft/stores interface standardization	1978
19790081522	Development of low-cost composite vertical stabilizer. Volume 2: Proofloading methodology	1978
19790081524	Static force test of a conceptual advanced fighter aircraft configuration with a flow-through engine inlet at Mach numbers 1.5 to 3.5	1978
19790081525	A-10A Thunderbolt 2 performance evaluation	1978
19790081526	IOT and E of the F/FB-111 alternate design bird impact resistant transparencies	1978
19790081527	A-10 windshield spall tests	1978
19790081533	An analysis of C-5A defensive capabilities	1978
19790081540	YAV-8B wing stress analysis report, volume 1	1978
19790081541	YAV-8B wing stress analysis report, volume 2	1978
19790081542	Criteria for the collocation of instruments in the cockpit	1978
19790081543	Pilot's cockpit weapons control panel	1978
19790081544	Full authority digital electronic control, phase 1, volume 1	1978
19790081545	Full authority digital electronic control, phase 1, volume 2	1978
19790081546	Full authority digital electronic control	1978
19790081547	Directionally solidified eutectic solid blade evaluation and demonstration program	1978
19790081548	The identification of the flutter mechanism from a large-order flutter calculation	1978
19790081549	YAV-8B: Low speed wind tunnel 171/2 percent flutter model test series II	1978
19790081552	Generic target airflow test chamber	1978
19790081553	Prototype Aerial Gunnery Tow Target (AGTT) vehicle DT and EOT and E cord target	1978
19790081554	Requirements survey and analysis aircraft electrical ground support equipment for ship/shore AIMD activities	1978
19790081555	Undergraduate pilot training: Instrument Flight Simulator (UPT-IFS) T-38/T-51 IFS, operational test and evaluation	1978
19790081556	Required Operational Capability (ROC) number log 1.16A, helicopter expedient refueling system	1978
19790081557	Prototype Aerial Gunnery Tow Target (AGTT) vehicle DT and E/OT and e (Inflatable target)	1978
19790081560	Aviation and cosmonautics: Selected articles	1978
19790081562	ASMD missile system. Launch test vehicle	1978
19790081564	Measurement of maximum and local heating rates on a proposed multiple R/V missile configuration	1978
19790081565	Aerodynamic characteristics of a full-scale Walleye missile at Mach numbers from 0.6 to 1.15	1978
19790081566	The effectiveness of the air launched cruise missile versus the manned penetrating bomber	1978
19790081567	NATO SeaSparrow Missile System (NSSMS) test firings on board USS KITTY HAWK (CV 63)	1978
19790081568	France: Nuclear, Missile, and space developments	1978
19790081569	Characterization of carbon-carbons for long-burn nozzle number 2 (LBN-2)	1978
19790081570	Optimization study of the POPS (trade name) plume generator MARC 120	1978
19790081571	Two stage carbon/carbon nested cone expandable exit cone demonstration	1978
19790081572	MCIC Current Awareness Bulletin, issue no. 45	1978
19790081573	MCIC Current Awareness Bulletin, issue no. 46	1978
19790081574	Current Awareness Bulletin, issue no. 47	1978
19790081575	French gas filters	1978
19790081576	Domestic varieties of sintered carbides coated with a thin layer of TiC or TiN	1978
19790081577	FASTOP-3: A strength, deflection, and flutter optimization program for metallic and composite structures. Volume 1: Theory and application	1978
19790081578	FASTOP-3: A strength, deflection and flutter optimization program for metallic and composite structures. Volume 2: Program user's manual	1978
19790081579	Self-reinforced carbon ablative materials	1978
19790081581	SAMSO erosion phenomenology test	1978
19790081582	The effect of lithium ions on the formation of active material from nickel plaque at various temperatures	1978
19790081585	Modern concepts of steel alloying	1978
19790081586	Thermomechanical treatment of steel	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081587	The effectiveness of ceramic armor	1978
19790081588	Method of coating metal objects with a layer of titanium nitride	1978
19790081589	Fungus test of polyurethane core material	1978
19790081590	Crosslinking of perfluorocarbon polymers	1978
19790081591	Exploratory development on formation of high strength, high modulus boron nitride continuous filament yarns, part 4	1978
19790081592	Ballistic evaluation of aircraft explosion suppression materials	1978
19790081593	Benzoxazoles and benzothiazoles Novel antirust agents for high temperature lubricants	1978
19790081595	Photogalvanic generation of hydrogen	1978
19790081596	Agena/SPS component compatibility study	1978
19790081597	Instrument for determining the thermal stability of fuels	1978
19790081598	A fuel composition	1978
19790081599	Production of an effective additive for T-1 fuels	1978
19790081600	Fuel composition	1978
19790081601	Fuel composition	1978
19790081602	Fuel Composition	1978
19790081603	Mixed-type smokeless propellant	1978
19790081604	Design and analysis methods for concrete protection against air delivered bombs	1978
19790081605	Translations on USSR science and technology: Physical sciences and technology	1978
19790081606	Handbook on computers and analog devices	1978
19790081607	Utilization of rapid acquisition sequences in hybrid systems	1978
19790081608	System for forming linear FM signals with automatic compensation of regular errors	1978
19790081609	Quasi-optimal digital processing of signals against a background of correlated noise	1978
19790081610	Two-dimensional problem of wave motion originating in a continuously stratified fluid flowing around a submerged body	1978
19790081611	AK-3 cryogenic apparatus	1978
19790081612	Translations on USSR science and technology: Physical sciences and technology	1978
19790081613	Statistical characteristics of VLF signals under conditions of multimode propagation. Determination of some parameters of the signal and communication channel	1978
19790081614	Effect of laser pulse radiation on a polydispersion water aerosol	1978
19790081615	The effect of pump field variations on the form of the field of the amplified signal in stimulated scattering	1978
19790081616	optical breakdown at the plasma layer boundary in argon at a wavelength of 10.6 microns	1978
19790081617	Measurement of the thickness of ice using radar	1978
19790081620	AFSATCOM I EMC fix validation test report	1978
19790081628	An investigation of a method of reducing the starting current of 400Hz squirrel cage induction motors using saturistors	1978
19790081632	Failure analysis of ETM serial number 312474 and Silicon Controlled Rectifier (SCR)	1978
19790081635	High power microwave amplifier for wideband command, control and communications	1978
19790081636	Development of a 0/9 micron wafer intensifier tube	1978
19790081641	Electronic Wide Angle Camera System (EWACS)	1978
19790081644	Laser Bidirectional reflectance measurements. Volume 2: Appendices	1978
19790081645	Uncooled nozzle array technology	1978
19790081646	Laser digest: Spring-1978	1978
19790081648	Army nozzle technology program. Volume 1: Low helium diluent applications	1978
19790081653	Dynamic contact compression of solids	1978
19790081654	Surveillance: Navy stockpiled fire extinguisher cartridge, M182	1978
19790081656	Equilibrium and stability of cable structures and towed bodies: A nonlinear finite element approach	1978
19790081657	Meteorology and Hydrology, no. 8, August 1978	1978
19790081658	Model of circulation in the stratospheric circumpolar vortex	1978
19790081659	On the theory of transformation of air flow over a nonuniformly heated underlying surface	1978
19790081660	Causes of cloud formation	1978
19790081661	Convective currents in an axially symmetric cyclone	1978
19790081662	Teleindication of cloud cover in the spectral ranges 0.35-0.85 and 1.2-3.0 micrometers	1978
19790081663	Dynamics of interrelated transfer of heat and moisture in the atmosphere-soil system	1978
19790081664	Estimation of heat transfer from the ocean surface in regions of passage of cyclones	1978
19790081665	Numerical model of the vertical structure of a wind-driven gradient current in a shallow sea	1978
19790081666	Computation of the seasonal variation of temperature at the ocean surface and thickness of the quasihomogeneous layer	1978
19790081667	Computation of storm surge level variations in the shelf zone of the Arctic Seas	1978
19790081668	Methods for determining the longitudinal slopes of rivers	1978
19790081669	Time scale of channel deformations in hydraulic modeling	1978
19790081670	Computed guaranteed probability of maximum river runoff	1978
19790081671	Estimating vertical wind shear in the stratosphere using observational data on LaGrangian wind fields	1978
19790081672	Radiation, electric and magnetic properties of ball lightning	1978
19790081673	Influence of humidity of lidar scattering in the atmosphere	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081675	A method of regenerating the potassium-lithium and sodium-lithium electrolytes of lead-acid storage batteries	1978
19790081676	Design study for a 100-watt turboalternator power unit	1978
19790081680	Compressed air energy storage	1978
19790081681	Opaque aerosol counter intercomparison	1978
19790081683	Alternative approaches to warm air fog dispersal: A feasibility and utility study	1978
19790081684	Numerical methods of weather forecasting, part 1	1978
19790081685	Numerical methods of weather forecasting, part 2	1978
19790081686	Effect of precursor sound wave on the overall action potential of the guinea pig subjected to impulse noise	1978
19790081688	Summary of international experiments on the study of human reaction to sonic booms over Sweden during the period 16 through 20 October 1972	1978
19790081689	F-111 tactical aircrew training requirements for USAFE	1978
19790081690	Tactical fighter training in the eastern United States	1978
19790081691	Operational training of C-141 pilots: An evaluation	1978
19790081692	Measures for evaluating effectiveness in accomplishing flying operations	1978
19790081693	Exploratory development of coated fabric for fire proximity suits	1978
19790081694	Introduction to the study of a mathematical model of a pilot	1978
19790081695	AV-8B human engineering mission analysis report	1978
19790081696	Functional description and operating procedures for an AN/UJK-7 memory port test Program	1978
19790081699	Discrete Walsh transforms and their application to control system design	1978
19790081700	Measurement of the magnetic properties of permanent magnet materials	1978
19790081701	Translations on USSR science and technology: Physical sciences and technology	1978
19790081702	Nuclear power applications in space	1978
19790081703	Systems with josephson junctions; theoretical principles	1978
19790081704	Noise suppression by optimally adjusted sound-attenuating materials	1978
19790081705	Project BILL (Below and in-layer propagation Loss.) 1973 AUTECH broadband-narrowband propagation experiment data and analysis	1978
19790081706	The 2nd Symposium on Collective Methods of Acceleration	1978
19790081707	Effect of a powerful short-duration electron current on metal	1978
19790081708	Abstracts of potential infrared coating materials	1978
19790081709	Beam position electronic monitor system	1978
19790081710	On the intensity of band lines	1978
19790081711	NASA-ASEE Case-Lewis summer faculty fellowship program	1978
19790081712	Translations on USSR science and technology: Physical sciences and technology	1978
19790081713	Complex miniaturization in radio engineering and electronics	1978
19790081714	Antarctic 1974 weather conditions analyzed	1978
19790081715	Two-stage conversion of infrared radiation	1978
19790081716	On the direct conversion of solar energy into laser radiation	1978
19790081717	Radiation detectors based on the Nernst-Ettingshausen effect	1978
19790081718	Formation of smooth transverse distribution of the light beam intensity by means of a phase plate	1978
19790081719	Coaxial copper-vapor laser with buffer gas pressure above atmospheric	1978
19790081720	Translations on USSR science and technology: Physical sciences and technology	1978
19790081721	Frequency modulation in a waveguide with moving boundaries	1978
19790081722	Peculiarities of the synthesis of surface sound wave filters by given frequency-amplitude characteristics	1978
19790081723	Measurement of antenna radiation patterns under the effect of waves reflected from the earth's surface (auxiliary ground antenna method)	1978
19790081724	Control of the process of signal detection against a noise background	1978
19790081725	Rejection of a lumped noise system	1978
19790081726	Problems of earthquake prediction	1978
19790081727	Comments on Soviet cosmonauts' flight duration record	1978
19790081728	Noncontacting optoelectronic position converters	1978
19790081729	Wave front reversal by the methods of nonlinear optics	1978
19790081730	Wave front reversal in the process of stimulated scattering during double-frequency pumping	1978
19790081731	Integrated image scanning in infrared video equipment	1978
19790081732	Electro-optical phase modulator for unpolarized radiation	1978
19790081733	Reproduction of a light beam wave front during stimulated Raman scattering	1978
19790081734	On the anniversary of the Institute Physics of the Earth of the USSR Academy of Sciences	1978
19790081735	Analysis of combat damage induced maintenance for US Navy fixed wing aircraft	1978
19790081736	Analysis of combat damage induced maintenance for US Navy rotary wing aircraft	1978
19790081737	YF-17 0.2-scale wind tunnel pressure test results at Mach numbers from 0.6 to 1.5	1978
19790081738	Documentation of a wind tunnel test to determine the separation characteristics of several stores from the 1/15-scale F-16 aircraft at Mach numbers from 0.4 to 1.6	1978
19790081739	Separation trajectories of various external stores from the F-16 aircraft at Mach numbers from 0.40 to 1.60	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081740	Performance characteristics of 5 ft diameter nylon and Kevlar hemisflow ribbon parachutes at dynamic pressures up to 6000 PSF	1978
19790081742	Three-dimensional problems of the theory of laminar boundary layer	1978
19790081743	Fin interference heating tests on the AFFDL modular missile configuration at Mach number 6	1978
19790081746	Documentation of a wind tunnel test on the AFFDL conceptual supersonic cruise aircraft at transonic Mach numbers	1978
19790081747	A three-dimensional boundary-layer computer program for sphere-cone type re-entry vehicles. Volume 2: User's manual	1978
19790081748	Wind tunnel investigation of fluctuating radiation from a turbulent shear layer	1978
19790081749	Aeromechanics of the supersonic flow about the bodies of revolution of exponential form	1978
19790081750	PAVE low III prototype development test and evaluation	1978
19790081751	The near midair collision at Air Force bases	1978
19790081752	Against icing	1978
19790081753	Operational test and evaluation of the HCU-6/E pallet coupler	1978
19790081754	Development test II air transport phase of air cushion vehicle, LACV-30	1978
19790081755	Service suitability evaluation of helicopter personnel retaining harness	1978
19790081756	Guidance and control simulation and ground test verification program. Volume 1: Platform design summary	1978
19790081757	Guidance and control simulation and ground test verification program. Volume 2, book 1: Platform design summary	1978
19790081758	Guidance and control simulation and ground test verification program. Volume 2: Platform design summary	1978
19790081759	Operational test 2A of the position and azimuth determining system (PADS) AN/USO-70	1978
19790081760	Optimal windows and filters for image registration in the presence of geometric distortion. Volume 3, appendix: Optimal processing of distorted images	1978
19790081761	Common strategic Doppler reproduction flight test verification of the Teledyne-Ryan AN/APN-218	1978
19790081762	Packet radio communications	1978
19790081763	Common strategic Doppler preproduction flight test verification of the Singer-Kearfott AN/APN-219	1978
19790081765	Aircraft construction. Engineering of the air fleet, selected articles	1978
19790081766	YAV-8B inertia loads report	1978
19790081767	YAV-8B fuselage modification strength analysis report, volume 2	1978
19790081768	Advanced Weapon Carriage Configured Vehicle (AWCCV) study	1978
19790081769	The M61A1 gun servo design, phase 4	1978
19790081771	EC-135 EMP assessment program, assessment error analysis	1978
19790081772	Fire resistant aircraft fuel cell installations	1978
19790081774	Hardware requirements for helicopter air-to-air weapons in the 1980's	1978
19790081775	Advanced metallic air vehicle structure program. Volume 1: Program summary	1978
19790081776	Advanced metallic air vehicle structure program. Volume 2, phase 3: Fabrication	1978
19790081777	Advanced metallic air vehicle structure program. Volume 3: Full scale test and evaluation, part 2	1978
19790081778	Last-generation helicopters: Safe and reliable	1978
19790081780	YAV-8B fuselage modification strength analysis report, volume 1	1978
19790081781	Compatibility test of the new MK-82 (GBU-12B/B), MK-83 (GBU-16/B), and MK-84 (GBU-10C/B) laser guided bombs on the A-4, A-6, A-7, and F-4 airplanes	1978
19790081783	Contractor carrier suitability demonstration of the F-4J airplane with wing leading edge slats installed	1978
19790081784	YAV-8B strength summary and operating restrictions report	1978
19790081785	V/STOL mechanical power transfer component weight estimation methods development, volume 1	1978
19790081787	Compatibility test of MK 20 Rockeye on F-111 aircraft	1978
19790081788	Test and evaluation of halon 1301 and nitrogen inerting against 23 mm HEI projectiles	1978
19790081790	Heat pipes to improve thermal management of avionics systems	1978
19790081791	S-3A information processing architecture study. Volume 1: S-3A functional analysis	1978
19790081792	S-3A information processing architecture study. Volume 2: S-3A requirement decomposition	1978
19790081793	S-3A information processing architecture study. Volume 3: S-3A system configuration	1978
19790081794	S-3A information processing architecture study. Volume 4: Requirement specification study	1978
19790081795	S-3A information processing architecture study. Volume 5: Application decomposition study	1978
19790081796	Strength calculation for turbine blades under low cycle loading	1978
19790081799	Estimate of the optimal (for the obtaining of the maximum specific thrust) gas temperature in front of the turbine of a turbojet engine taking the losses to cooling into account	1978
19790081800	YAV-8B, YF402-RR-404 engine modification data	1978
19790081801	Lear Siegler Incorporated 400 ampere dc starter-generator system qualification	1978
19790081802	YAV-8B, wing flight controls stress analysis and structural validation report	1978
19790081803	Feasibility and design studies of an integrated sensory subsystem (ISS) for advanced V/STOL aircraft	1978
19790081804	Initial production test of pumping assembly, flammable liquid, bulk transfer, 350 GPM capacity, with heat transfer kit	1978
19790081805	New method for correcting wall effects in plane flow	1978
19790081806	Documentation of the AEDC adaptive and transonic wall study tests in tunnel 4T	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081807	Aviation and cosmonautics, selected articles	1978
19790081808	From the earth to an orbital station	1978
19790081809	Commercial communications satellites for Department of of defense requirements	1978
19790081810	AIM-9L follow-on operational test and evaluation: Suitability support document, volume 2	1978
19790081811	Documentation of an aerodynamic static stability test on a 1/10-scale Navy standard missile-type 2, extended range improvement plus booster at high angles of attack and subsonic Mach numbers	1978
19790081813	Optimal linear guidance of air-to-air missiles	1978
19790081815	Trajectory Analysis Program (TAP). Volume 1: Users manual	1978
19790081816	Trajectory Analysis Program (TAP). Volume 2: Programmers guide, part 1	1978
19790081817	Trajectory Analysis Program (TAP). Volume 2: Programmers guide, part 2	1978
19790081818	Trajectory Analysis Program (TAP). Volume 3: Subroutine listings, part 1	1978
19790081819	Trajectory Analysis Program (TAP). Volume 3: Subroutine listings, part 2	1978
19790081820	Trajectory Analysis Program (TAP). Volume 3: Subroutine listings, part 3	1978
19790081821	Titan 2 Reliability and aging Surveillance Program (RASP)	1978
19790081822	Carrier suitability structural testing of AIM-7F (Sparrow) missile on the F-14A aircraft	1978
19790081825	The inter-astronauts are ready	1978
19790081826	Evaluation studies of telemetry system components	1978
19790081827	System nuclear survivability study	1978
19790081828	Estimated upper bounds of vehicle on-orbit loads	1978
19790081829	Static force tests of the Army SPIKE and free flight demonstration rocket missile configurations with jet plume simulation at Mach numbers 1.75 to 4.50	1978
19790081830	Low cost motor demonstration program	1978
19790081831	Standardized Distributed Energy Release (SDER) computer program, volume 1	1978
19790081832	Characterization of nozzle materials for Carbon Nozzle Opportunities (CNO) program. Volume 1: Nozzles SN 7004, SN 7006, and SN 7007	1978
19790081833	Jato rocket motor mark 6 mod 1 antarctic test program	1978
19790081834	Metals and Ceramics Information Center Current Awareness Bulletin, issue 48	1978
19790081835	Review of the Low-Temperature Properties of Metals: A digest of Selected Literature	1978
19790081838	Advanced structures prototype. Volume 2, task 3. Structures prototype development plan	1978
19790081840	Vulnerability/survivability of composite structures, lightning strike. Volume 1: Program results	1978
19790081841	Vulnerability/survivability of composite structures, lightning strike. Volume 2: Design guidelines	1978
19790081842	Improved boron-on-carbon composites	1978
19790081843	Thermostructural testing of instrumented GE 2.2.3 shell nosetips	1978
19790081844	Thermostructural testing of advanced RVNT materials	1978
19790081845	Densification data package for pitch fiber carbon-carbon billets	1978
19790081846	The effect of wetting of graphite fibers on the manufacturing conditions for the composite materials by means of vacuum impregnation	1978
19790081848	Materials measurements program. Laser reflectance measurements with reentry simulation	1978
19790081849	The development of graphite-aluminum structural hardware for launch vehicle applications. Phase 1: Materials requirements definition	1978
19790081850	Composition materials of the Mg-B and Al-Ti-B system	1978
19790081851	Investigation of the ignition of magnesium particles in air	1978
19790081852	Burning of magnesium particles in air at high pressures	1978
19790081853	Experimental investigation of an isothermal submerged stream of gas	1978
19790081854	Catalysis of explosive combustion part 2	1978
19790081855	Catalysis of explosive combustion, part 1	1978
19790081863	The correlation between micro-structure and creep strength in nickel-based super-alloys	1978
19790081864	Nonlinear thermal effect of intense pulsed fluxes of ionizing radiation in metals	1978
19790081865	Device for the manufacture of multilayer corrugated metal	1978
19790081867	Coupling agents for seal reinforcing materials	1978
19790081868	Room temperature curing polymers	1978
19790081869	Mound Laboratory pyrotechnic transport container	1978
19790081870	Method for producing a depressor additive for diesel fuel	1978
19790081871	Fuel additive for internal combustion engines	1978
19790081872	Tactics guide 600-1-78 for S-3A fuel management	1978
19790081873	The German World War 2 synthetic fuels industry	1978
19790081874	TNT equivalency testing of a titanium/potassium perchlorate mixture	1978
19790081876	Nature of agglomeration during the combustion of highly metallized condensed systems	1978
19790081877	Fuels and working media of rocket engines	1978
19790081878	External burning injection study	1978
19790081879	Development of a process for producing the high energy missile fuel, tetra-hydronorbornadiene dimer, phase 1. Part 3: Hydrogenolysis of HNN concentrate	1978
19790081880	Antistatic additive	1978
19790081881	Seventy-five basic rules for the manufacture of injection-molded parts of high dimensional accuracy from thermoplastics	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081882	Manufacturing methods and technology for the establishment of production techniques for a split-cycle Stirling cryogenic cooler	1978
19790081885	Digital quasi-optimal processing of broadband signal	1978
19790081886	Design considerations for real-time inter-computer communication systems	1978
19790081887	The null filter mobile radar feasibility study	1978
19790081888	Electromagnetic compatibility measurements at proposed Satellite Configuration Control Element (SCCE) site, Ft. Detrick, Md.	1978
19790081889	Three-dimensional filtration of high-frequency radio signals, selected articles	1978
19790081893	Measurements of characteristics of multichannel communication systems, chapter 1	1978
19790081895	A study on bounded-wave simulators and their interactions with test objects. Volume 4: Impedance of a two-conical-plate transmission line	1978
19790081896	A study on bounded-wave simulators and their interactions with test objects. Volume 6: Energy confinement of a bounded-wave simulator	1978
19790081897	A study on bounded-wave simulators and their interactions with test objects. Volume 7: Natural frequencies and capacitance of a wire above a ground plane and capacitance of a wire in a parallel-plate region	1978
19790081898	A study on bounded-wave simulators and their interactions with test objects. Volume 1: Summary of major results and recommendations for future efforts	1978
19790081899	A study on bounded-wave simulators and their interactions with test objects. Volume 2: Modes on a finite-width parallel-plate simulator; 2: Wide plates	1978
19790081900	A study on bounded-wave simulators and their interactions with test objects. Volume 3: Modes on a finite-width parallel-plate simulator; 3: Numerical results for modes on wide plates	1978
19790081901	A study on bounded-wave simulators and their interactions with test objects. Volume 5: Field distributions on a two-conical-plate and a curved-cylindrical-plate transmission line	1978
19790081902	The Ekran-M system of the teleprocessing of data	1978
19790081903	Problem of using satellite and shortwave communications systems at great distances with small loads	1978
19790081904	Calculation of short-wave communications lines which use reflection from sporadic E-layer of type R in auroral zone	1978
19790081907	Digital clutter processor and programmable waveform generator and target simulator	1978
19790081908	Milimeter wave semiactive guidance program	1978
19790081909	Microwave transmitter reliability and maintainability improvement program, phase 2	1978
19790081911	High power, liquid cooled helix TWT	1978
19790081913	Synthesis of an asymmetrically excited impedance antenna	1978
19790081914	Low cost microwave power transistor intraconnection system	1978
19790081917	High power CW read diodes	1978
19790081918	New approach to the problem of symmetrical linear antennas driven by a two-wire line	1978
19790081919	High voltage technology, chapter 6	1978
19790081921	Control of the spark gap switch by irradiation	1978
19790081926	Synthesis of the compensating link in servosystems by means of the K(E) transform	1978
19790081927	Arbitrarily sloped microwave network functions by numerical adjustment of transfer coefficients	1978
19790081928	EHF TWT beam study	1978
19790081929	High-voltage power supply regulator circuits	1978
19790081934	Low cost expendable TWT amplifier for ECM, phase 2	1978
19790081935	SAW devices	1978
19790081936	S-band solid state power amplifiers	1978
19790081938	Study of wavelength conversion concept	1978
19790081939	Manufacturing methods, techniques and automated controls for the continuous epitaxial processing of silicon integrated circuits. Volume 1: Automated epitaxial production line	1978
19790081940	Manufacturing methods, techniques and automated controls for the continuous epitaxial processing of silicon integrated circuits. Volume 2: Atmospheric sampling probe-mass analyzer	1978
19790081943	Transient heat transfer liquid flows	1978
19790081944	Development of heat pipe circuit boards	1978
19790081945	Flow around a flat plate in the vicinity of a solid surface (asymptotic formulas)	1978
19790081946	Applied dynamics of rarefied gas	1978
19790081947	Fluidic gyro application study, volume 1	1978
19790081948	Interim Upper Stage (IUS) components tests, Teledyne model SDG-5 Gyro and the Systron-Donner model 4841F-10-P44 accelerometer	1978
19790081949	Laser gyroscope technology and temperature sensitivity of a Honeywell GG1328AC laser gyro	1978
19790081950	Optical recording media	1978
19790081952	Contactless current collector for the rotating heads of a video tape recorder	1978
19790081953	Artillery laser Rangefinders of the Western countries	1978
19790081954	Revised Fort Carson Laser Ranges, Fort Carson, Co.	1978
19790081955	Flight check of PAVE SPIKE TCTO 11F1-ASQ153-518	1978
19790081956	Spectral kinetics of laser radiation using solutions of complex organic substances	1978
19790081957	Destruction of metal foils with thin film coatings by pulsed laser	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790081958	Laser digest, fall 1977	1978
19790081959	Analysis, design, and fabrication of an internal (rotating) window system	1978
19790081960	Ranger 4 laser distance measuring device: Nonionizing radiation protection special study	1978
19790081962	Long range chemical laser program	1978
19790081964	Discharge excimer laser technology	1978
19790081965	Flow design concepts for high power pulsed visible-wavelength lasers	1978
19790081966	Laser survivability enhancement program. Volume 3: Thermomechanical distortion. Part 1: Executive summary	1978
19790081967	Laser survivability enhancement program. Volume 5: Optical shutter	1978
19790081968	Experiments with a backscatter laser Doppler velocimeter in a ship model basin	1978
19790081971	Evaluation of the production model M60A1E3 tank laser rangefinder (LRF) 1978	1978
19790081972	Frictional force measurements on fretted specimens under variable amplitude loading	1978
19790081976	Fabrication of aluminum armored vehicles by electron beam welding	1978
19790081977	Step motion mechanism for an electric arc spot welding device	1978
19790081979	Welding high-strength titanium alloys	1978
19790081980	Evaluation of an oil-water emulsion foam as an emergency lubricant and coolant for helicopter transmission bearings	1978
19790081983	A digest of high temperature storage literature	1978
19790081985	Reliability in engineering: Calculation of aggregated reliability factors of restorable objects	1978
19790081988	Comparing two or more mean times between failures (MTFS)	1978
19790081989	Measuring generalized nondiagonal damping of a structure during ground vibration tests	1978
19790081991	The use of optical processing of aeromagnetic data for the tectonic regionalization of folded regions	1978
19790081992	Application and accuracy of the Topomat automatic plotting system	1978
19790081993	Determining line lengths and areas of curved surfaces from isoline maps using scanning devices and computers	1978
19790081994	New program systems for computation and portrayal of isolines using small computers	1978
19790081995	Acquisition and checking of data by large-scale digital photogrammetry	1978
19790081997	Lithium batteries	1978
19790082000	EX 41 reserve energizer	1978
19790082002	Guide to operational flight data collection for the air installation composite use zone program	1978
19790082003	Calculation of concentrations of nitric oxides in diesel exhaust gases	1978
19790082004	OPAQUE: A measurement program on optical atmospheric quantities in Europe. Volume 1: The NATO OPAQUE program	1978
19790082005	Experience gained in the experimental use of coded signals in ionospheric sounding	1978
19790082007	Numerical modeling of atmospheric processes in a tropical zone	1978
19790082008	Thermal precipitator for electron-microscope studies of ice-forming aerosols	1978
19790082009	The effect of small air ions on performance	1978
19790082011	Advanced environmental control system, volume 2	1978
19790082013	Modular missile borne computers, phase 2. Volume 5: Emulation design	1978
19790082014	Modular missile borne computers, phase 2. Volume 6: Test bed requirements	1978
19790082015	Simulating and describing organizational procedures in data transmission	1978
19790082016	DT I independent evaluation report for Tactical Computer System (TCS)	1978
19790082018	Comparison of two methods of joining mini-computers at data processing centers	1978
19790082019	Structural parallel programming	1978
19790082020	Problems of the realization of parallel algorithms on computer systems	1978
19790082021	Algorithm of the segmentation of machine programs	1978
19790082022	FX 75 experiments	1978
19790082023	Theory of thermionic emission (II). On the monoatomic layer and dipole theory	1978
19790082024	Destruction of solid bodies bombarded by electrons	1978
19790082025	Handheld thermal viewer independent evaluation report (AN/PAS-7 HHTV IER)	1978
19790082027	Lamellar optical coatings	1978
19790082028	Effect of the end subdivision of the insulation wall on the characteristics of the MGD-generator	1978
19790082029	Effect of heterogeneous electron field of Compton electrons from dielectrics	1978
19790082030	Radiation hardened MOS/SOS analog-to-digital conversion technology for phase 1	1978
19790082032	France: Nuclear, missile, and space developments	1978
19790082033	Reasons for postponement of first Ariane launching discussed	1978
19790082040	Translations on USSR science and technology: Physical sciences and technology	1978
19790082041	Space telescope of unlimited augmentation	1978
19790082042	Radiation hazard from solar flares in near earth space	1978
19790082043	Translations on USSR science and technology: Physical sciences and technology	1978
19790082044	Spectral analysis of incoherent scattering signals	1978
19790082045	Radiation strength of interference coatings in the ultraviolet region of the spectrum produced by electron-beam sputtering	1978
19790082047	Study of recent crustal movements by geodetic methods (from conference materials)	1978
19790082048	Tasks of geological education as related to advances in space photography	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082049	A7D/E ram air turbine, evaluation of larger blades	1978
19790082050	Yav-8B zero scarf nozzle design integrity report	1978
19790082051	Measurement methods and associated error analyses for orbital testing of the communication sub-system of the NATO 3 satellite	1978
19790082052	The derivation of boron filaments (fibers) and their properties	1978
19790082053	Some service properties of steel-bronze antifriction bimetal obtained by explosive welding	1978
19790082054	High strength alloy steels	1978
19790082058	Estimating the quality of radio communication	1978
19790082067	Excitation of the second harmonic by tunable dye-laser emission with a high repetition frequency	1978
19790082068	New research in the area of meteorological icing parameters	1978
19790082070	Linear and nonlinear optics	1978
19790082073	Documentation of a wind tunnel test to determine the separation characteristics of the 370-gal fuel tank and the Mk-82 ldgp bomb from the 1/15-scale F-16 aircraft at Mach numbers from 0.4 to 1.6	1978
19790082075	Design and development of 8-inch artillery-fired, parachute-recovery projectile system	1978
19790082076	Stating a problem for designing and analysis of the versions of the series constructions of the boundary-layer suction systems	1978
19790082077	Aerodynamic characteristic of an F-111 with high maneuver/cruis wing configurations (U)	1978
19790082079	Surveillance: Navy fleet-returned reduced charge primary seat ejection cartridge set, M397	1978
19790082081	Operational evaluation of the Mk 7 life raft rigid container	1978
19790082082	Surveillance: Navy fleet-returned impulse cartridges, M570	1978
19790082083	Takeoff and landing system for aircraft and a corresponding takeoff and landing process	1978
19790082084	AN/ARN-127 VOR/ILS	1978
19790082085	Low cost sensor in-flight calibration study	1978
19790082087	Optimal windows and filter for image registration in the presence of geometric distortion. Volume 2: Analytical and experimental studies (U)	1978
19790082088	Operational evaluation of the SH-3H tactical navigation system (U)	1978
19790082090	Tactical airlift: We need a new aircraft	1978
19790082091	Superplastic forming/diffusion bonded aircraft structure	1978
19790082092	AV-8B aircraft and equipment environment: Preliminary, revision A	1978
19790082093	F-16 FOT and E phase 2 suitability test plan	1978
19790082094	GAU-8/A Lot Acceptance Verification Program (LAVP)	1978
19790082095	YAV-8B hydraulic and pneumatic subsystems	1978
19790082096	Development of low-cost composite vertical stabilizer. Volume 1: Development and structural validation of the composite vertical stabilizer	1978
19790082097	Development test 2 (tropic phase) XM130 aircraft general purpose dispenser system	1978
19790082098	Development test 2 (prototype qualification test-government) of the RU-21 () aircraft infrared suppressor	1978
19790082099	Development test 2 (prototype qualification test-government) of infrared suppressors for OV-1 airplane	1978
19790082102	Vulnerability estimates for a remotely piloted vehicle (RPV) launcher system (U)	1978
19790082103	Aircraft vulnerability assessment methodology. Volume 5: Flight control and hydraulic systems (U)	1978
19790082104	Damage to helicopters from 105MM tank projectiles (U)	1978
19790082105	F-14A/AIM-9L interface test and evaluation (U)	1978
19790082106	F-14A/missile interface program (U)	1978
19790082107	Initial operational evaluation of the OV-10D aircraft (U)	1978
19790082109	Assessment of unmanned air vehicle roles in performing USAF tactical tasks (U)	1978
19790082112	Operational evaluation of AWG-9 weapons control system incorporating ACEVAL/AIMAL modifications (U)	1978
19790082114	DC-130H (U)	1978
19790082117	Qualification operational test and evaluation of F-111D converter multiplexer (U)	1978
19790082129	Investigation of aircraft rotary inverter failures and obsolescence on operating aircraft	1978
19790082130	Central Integrated Test Subsystem (CITS) sensor evaluation on the F101-GE-100 turbofan engine during product verification testing at the AEDC	1978
19790082131	Altitude aeromechanical evaluation of a TF41-A-1 turbofan engine, S/N 141683/3, with a modified block 76 compressor	1978
19790082140	Erosion mechanisms program. Volume 8: Particle impact testing in support of contact fuzing modeling (U)	1978
19790082142	Space bridges over the oceans	1978
19790082143	Motion of a slowly rotating satellite in the earth's magnetic field	1978
19790082144	On validating missile simulations: Field data analysis and time-series model	1978
19790082145	SAM-ATU system testing and design verification	1978
19790082146	Pershing 2 correlation guidance system analysis. Volume 2: Computer program listing	1978
19790082148	Follow-on operational evaluation of the AIM-7F missile (U)	1978
19790082149	Follow-on operational evaluation of Phoenix (U)	1978
19790082150	Test to measure the factors affecting the formation and visibility of smoke from air-launched missiles (U)	1978
19790082153	Cannon launched guided projectile Ground Fog Experiment (COPPERHEAD GFE) (U)	1978
19790082155	Roll attributes of a minuteman wing V missile in a benign, prelaunch, seismic environment (U)	1978
19790082156	FLTSAT spectrum survey (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082159	Radiometric area correlation guidance captive flight test. Phase 2: Program operations and test results (U)	1978
19790082163	Footprints and launch angle versus range envelopes for shrike missiles (AGM-45A and AGM-45B) (U)	1978
19790082164	Naval Weapons Center command and technical history 1976 - 1977. Part 1: Confidential matter. Chapter 4: Air-to-air weapon systems (U)	1978
19790082165	Missile launch envelope sensitivity analysis (U)	1978
19790082167	France: Nuclear, missile, and space developments	1978
19790082168	Ariane second stage underground qualification tests	1978
19790082169	Sweden to participate in spot satellite program	1978
19790082171	Analysis of telemetry firings of 2.75-inch rocket Mark 66	1978
19790082172	Static firing test and post-test analysis of long-burn nozzle no. 2	1978
19790082174	Air launched missile motor behavior	1978
19790082175	Rocket motor mark 7 mod 2 (5KS-4500 Jato) surveillance evaluation	1978
19790082176	Thrust measuring system for a 100 lbf thrust attitude control system	1978
19790082177	Advanced booster control study (U)	1978
19790082185	Satellite applications of metal matrix composites	1978
19790082186	Advanced ablative heatshields. Part 1: Development of alternate carbon phenolic composite materials	1978
19790082193	Advanced structures prototype. Volume 1, task 1: Advanced structures prototype development and task 2: Advanced heatshield development (U)	1978
19790082195	An apparatus for combustion studies of metals under oxygen pressure up to 200 atm and combustibility of iron wire in high pressure oxygen	1978
19790082197	The combustibility of metals in oxygen up to 200 Atm	1978
19790082198	Question of the effect of catalysts on the rate of combustion and thermal breakdown of nitrocellulose	1978
19790082201	Extrusion of powered billets made of heat-resistant nickel alloys	1978
19790082202	Phase diagrams of platinum and palladium with barium, scandium and zirconium	1978
19790082203	Manufacture of parts of complex construction from metal powders	1978
19790082206	Inconel 625 alloy: A state-of-the-art review	1978
19790082209	Radiation resistance of polymer materials based on polyamide I2	1978
19790082212	Synthetic fuels to support future air force operations	1978
19790082213	Standardized Distributed Energy Release (SDER) computer program. Volume 2: Appendices	1978
19790082214	Analysis of stabilizers, plasticizers and impurities in explosives through the use of liquid chromatography	1978
19790082215	Evaluation of aging effects of ozone on stressed propellants	1978
19790082216	PCDE propellant (U)	1978
19790082221	Operator's manual, surface effect ship wave profiling system	1978
19790082223	A survey of appendage ventilation angle data applicable to surface effect ships	1978
19790082224	The effect of propeller pitch distribution and nozzle angle on propeller-nozzle system performance	1978
19790082234	Translations on USSR science and technology: Physical sciences and technology	1978
19790082235	The reliability and durability of the polymer insulation of pulse cables with a limited service life	1978
19790082236	Calculating Patterns of Radial Sectors of an Aperture from the Spatial Pattern of the Entire Aperture	1978
19790082237	A method for calculating interference in side reception channels when the frequencies of interfering transmitters are unknown	1978
19790082238	History of geophysical prospecting	1978
19790082239	Conference on geophysics and continental drift	1978
19790082258	Adaptive cancellation of local electromagnetic interference in naval HF communication systems	1978
19790082259	Progress report on packet radio experimental network	1978
19790082260	Improved BQM-34A radar augmentation system with collocated scoring	1978
19790082261	A hybrid SAW/CCD signal processor	1978
19790082262	Surface acoustic wave programmable burst processor, part 2	1978
19790082263	Dispersively scanned radar, volume 1	1978
19790082264	Dispersively scanned radar, volume 2	1978
19790082265	Application of synthetic aperture techniques in the infrared region	1978
19790082266	Real-time radar image processing study	1978
19790082267	The use of multiple-element beverage antenna arrays for HF transmission	1978
19790082269	Weighted processing in piezoelectric dispersion devices on acoustic surface waves	1978
19790082271	Ultra high resolution analysis for AWTSS (U)	1978
19790082273	Pulsed millimeter wave radar systems for target seeking/height sensing fuzes for gun-launched projectiles (U)	1978
19790082276	Dynamics and radiative yields from multiple wire arrays (U)	1978
19790082282	Concept and evaluation report of the ground surveillance radar, very short range, AN/PPS-15 (U)	1978
19790082284	Advanced GSR preliminary design (U)	1978
19790082287	Air-to-air and air-to-ground VLF/LF coverage contour charts for selected MEECN components (U)	1978
19790082288	Technical report of CY-77 GAPFILLER MEECN performance tests (U)	1978
19790082289	Symbology for the AN/APR-39(V)2 radar threat warning receiver (U)	1978
19790082291	Space communications (U)	1978
19790082293	Tactical systems and technology (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082294	Netted radar program (U)	1978
19790082296	Space communications (U)	1978
19790082306	Low cost S-band power transistor intraconnection system	1978
19790082307	Engineering report of VFX-9500 production test	1978
19790082308	Manufacturing methods and technology measure fabrication methods for low cost hybrid silicon photodetector modules	1978
19790082314	Piezoelectric frequency discriminators on acoustical surface waves	1978
19790082317	Final report for contract N00014-77-C-0651, October 1977 to May 1978 (U)	1978
19790082318	Manufacturing Methods and Technology (MM and T) measure for fabrication of third generation (U)	1978
19790082319	SPDT J-Band, fast switching high power ferrite switches (U)	1978
19790082320	Manufacturing Methods and Technology (MM and T) measure for fabrication of third generation 0.9 micron photocathodes (U)	1978
19790082321	Low band millimeter wave TWT QKW1756 (U)	1978
19790082322	J-band amplifier/limiter (U)	1978
19790082324	A 25 mm 0.9 micron wafer tube development (U)	1978
19790082326	Manufacturing methods and technology (MM and T) measure for fabrication of third generation 0.9 micron photocathodes (U)	1978
19790082328	Calculation of the structure of a shock wave in a selectively radiating gas	1978
19790082329	Effect of heat transfer on the characteristics of a hydrodynamic laminar boundary layer	1978
19790082331	Introduction to photolithography	1978
19790082332	A sea wave recording system using magnetic tape cassettes	1978
19790082333	Application of a mosaic, liquid-crystal, control transparency for optical recording of information	1978
19790082338	Single frequency generation in gas lasers	1978
19790082339	A simple laser beam position-finding apparatus	1978
19790082340	Organic dyes for laser resonators	1978
19790082343	When does a laser rocket take off	1978
19790082346	Modular Army Demonstration System (MADS) program (U)	1978
19790082347	Modular Army Demonstration System (MADS) program (U)	1978
19790082348	Ground/vehicular laser locator designator operational test 2. G/VLLD OT II (U)	1978
19790082351	Army nozzle technology program. Volume 2: Chemical pump applications (U)	1978
19790082352	Development Test 2 (DT 2) (PQT-G) of the Ground Laser Locator Designator (GLLD) AN/TVQ-2 (U)	1978
19790082353	Navy coating technology report. Volume 2: Appendices (U)	1978
19790082354	Navy coating technology report, volume 1 (U)	1978
19790082356	Long range chemical laser HF cloud absorption study (U)	1978
19790082357	Electric discharge laser system analysis (U)	1978
19790082358	Chemical laser system study (U)	1978
19790082360	Navy HPL program (U)	1978
19790082368	The hyperbar process	1978
19790082369	Plasma arc remelting	1978
19790082370	Penetration of solids into compressed continuous media. Chapter 3: Penetration of solids after high speed impact	1978
19790082371	Stratified charge engines	1978
19790082372	The 26th Conference on Microbiological Deterioration of Military Material	1978
19790082373	Stress intensity factors for collinear cracks in a stiffened sheet	1978
19790082411	Meteorology and hydrology, no. 9	1978
19790082412	Program for complex background monitoring of state of the environment	1978
19790082413	Optimization of a method for solving the balance equation	1978
19790082414	Examples of restoration of humidity characteristics on the basis of measurements of outgoing thermal radiation from artificial earth satellites	1978
19790082415	Correlation between changes in the content of stratospheric aerosols and solar radiation variations	1978
19790082416	Maximum attainable accuracy in forecasting in a class of atmosphere-ocean system models	1978
19790082417	Computation of stratification parameters in a model of the planetary boundary layer over the ocean	1978
19790082418	Nature of monsoonal circulation cover the Bay of Bengel during the winter-spring period of 1976	1978
19790082419	Global diurnal variations of the electric field in the atmosphere over the continents	1978
19790082420	Steady-state wind-driven currents in the coastal region of a deep water body	1978
19790082421	Organo-chlorine pesticides in rivers	1978
19790082422	Resistance in a channel caused by individual large stones	1978
19790082423	Sedimentation of solid particles in a Viscous fluid	1978
19790082424	Phytoclimate of a field of postharvest buckwheat	1978
19790082425	Spatial structure of the pressure and wind fields over the ocean surface in the tropical latitudes of the Eastern Atlantic	1978
19790082426	Accelerated drying of soil samples for determining soil moisture content	1978
19790082427	Oceanographic investigations in the MUSSON-77 experiment	1978
19790082428	Transformations with plane conformal coordinates	1978
19790082429	Methods of increasing the information content of space photos of the earth from orbital stations	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082432	Sealed nickel-cadmium cells test: Performance of nickel-cadmium satellite cells having new electrochemically impregnated, sintered electrodes	1978
19790082434	On the possibility of applying lasers in leveling	1978
19790082446	Human biometry international data bank, selected pages	1978
19790082447	Flying hours for training readiness, how can the army quantify them	1978
19790082448	Energy maneuverability display validation, volume 2 (U)	1978
19790082449	Algorithm for converting problems into parallel form for one class of multiprocessor digital computers	1978
19790082454	IBCFA gun design by quantitative beam analysis	1978
19790082455	Manufacturing methods and technology measure fabrication methods for low cost hybrid silicon photodetector modules	1978
19790082457	The 82 micrometer infrared signatures of F-4 and A-7 aircraft in flight (U)	1978
19790082459	High resolution radiometric thermal imagery of several dynamic air targets (U)	1978
19790082464	Investigation of an electrical discharge in a magnetic field in the presence of a gas flow	1978
19790082466	Quarterly compilation of abstracts on completed test, experimental, and development (TED) projects (U)	1978
19790082469	A national automated control system	1978
19790082473	Large area composite structure repair	1978
19790082474	An obstacle to engineering support of Air Force weapon systems	1978
19790082476	The prediction of viscous effects on aerofoils in transonic flow	1978
19790082477	Documentation of the pressure load distribution nozzle/afterbody test on a 1/9 scale F-16A at freestream Mach numbers from 0.6 to 1.5	1978
19790082478	A three-dimensional boundary-layer computer program for sphere-cone type re-entry vehicles. Volume 1: Engineering analysis and code description	1978
19790082479	Measurements of the response of the BLAM sensor to boundary layer transition at free stream Mach 8	1978
19790082481	LPU-9/P automatic life preserver	1978
19790082483	Optimal windows and filters for image registration in the presence of geometric distortion. Volume 1: Executive summary (U)	1978
19790082484	Transform coefficient matching (U)	1978
19790082486	A parachute/retrorocket landing system for aeronautical vehicles. Study of system applicability to the B-1 aircraft emergency crew escape module	1978
19790082487	Navy spin evaluation of the T-34C airplane	1978
19790082488	AV-8A gunfire test report	1978
19790082495	EC-135 EMP assessment program, system and subsystem test results, part 3 (U)	1978
19790082507	Aircraft damage evaluation. Special weapons effects (U)	1978
19790082508	Operational evaluation of TRISAT (U)	1978
19790082510	Jet engines for high supersonic flight speeds	1978
19790082512	Alternate aircraft simulation techniques A6 in naves response predictions, addendum	1978
19790082515	Dust erosion tests of transpiration-cooled nosetips in the hypersonic track G (U)	1978
19790082518	Radiometric area correlation guidance captive flight test, phase 3, special ancillary studies. Volume 2: Appendices	1978
19790082519	Strapdown seeker guidance for air-to-surface tactical weapons	1978
19790082520	Guidance and control simulation and ground test verification program. Homing interceptor performance assessment (U)	1978
19790082523	Advanced development of satellite materials hardening (SMATH I) Volume 1: Program overview and summary (U)	1978
19790082524	Advanced development of satellite materials hardening (SMATH I). Volume 2: Radio frequency (RF) subsystems (U)	1978
19790082525	Advanced development of satellite materials hardening (SMATH I). Volume 3: Power subsystems (U)	1978
19790082535	Voyager-analysis and risk assessment	1978
19790082537	Liquid propellant RPV booster study	1978
19790082538	Development test of a nested cone Expandable Exit Cone (EEC) system	1978
19790082539	MX upper stage motor advanced development program. Volume 1: Program summary	1978
19790082540	MX upper stage motor advanced development program. Volume 12, part 1: Full scale motor thermal environment tests	1978
19790082541	Qualification testing of the AJ10-138A Improved Transtage Injector Program (ITIP) engine	1978
19790082542	Two-piece apogee nozzle demonstration	1978
19790082546	High-altitude plume signatures predictions for the MSMP experiments (U)	1978
19790082551	Accelerated wear testing of PTFE composite bearing materials	1978
19790082552	Automated multi-ply continuous broadgoods	1978
19790082553	Development of radome material	1978
19790082554	Rain erosion behavior of ablative plastic and laser resistant radome materials and alternate carbon fiber heat shields at a velocity of 1300 M/S	1978
19790082555	Nosetip and rocket nozzle carbon/carbon material evaluations	1978
19790082556	Fabrication of pitch fiber preforms	1978
19790082557	Manufacturing methods for processing fineweave carbon performs	1978
19790082558	Derivation of an equation to predict rain erosion (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082561	Chemical control of propellant combustion	1978
19790082562	Effect of repeated anodising on the fatigue strength of an aluminum alloy	1978
19790082564	Tungsten	1978
19790082565	Rolling, forming and joining titanium-aluminide sheet	1978
19790082569	Investigation of rolled titanium tube-to-tube sheet joints for condenser application	1978
19790082570	Investigation of the kinematic viscosity of alloys of the Cu-Si-Zn system	1978
19790082571	On the problem of hydrogen's behavior during electrosag remelting	1978
19790082573	Fabrication and evaluation of new resins. Volume 1: Synthesis of para-ordered aromatic polymers	1978
19790082574	Synthesis of thermally stable polymers	1978
19790082575	HASPA materials improvement program 2. Degradation of Kevlar/Mylar laminates in simulated handling tests	1978
19790082608	Development of a process for producing the high energy missile fuel, tetrahydronorbornadiene dimer, phase 3. Part 4: Production of 1200 gallons of TH-NBD dimer	1978
19790082609	Radiation and smoke from gas turbine flames. Part 3: Fuel property effects on performance	1978
19790082610	Turbine fuel tolerance study: Multifuel engine tests	1978
19790082611	Determination of diphenylamine and centralite and their derivatives in propellants by high-pressure liquid chromatography	1978
19790082612	Flight test of the advanced flare (U)	1978
19790082613	Effects of sonic-booms on buildings in relation to environmental effects	1978
19790082616	Vuilleumier cooler wear rate testing and component development	1978
19790082618	Automated technical control (ATEC). Phase 1. JIOT and E. Supplemental data. Volume 1, part 2: Operational effectiveness. Annexes J1 through J7	1978
19790082619	Automated technical control (ATEC). Phase 1. JIOT and E. Supplemental data. Volume 2, part 2: Operational effectiveness. Annexes J8 through J13	1978
19790082620	Automated technical control (ATEC). Phase 1. JIOT and E. Supplemental data. Volume 3: System survivability factors. Annexes J14-J20	1978
19790082621	Automated technical control (ATEC). Phase 1. JIOT and E. Supplemental data. Volume 4: Distributed factors, annexes J21A through J21G	1978
19790082622	AN/TPS-43E radar set. Phase 2: FOT and E project plan	1978
19790082623	The Sial MD60 microwave rangefinder	1978
19790082624	Surface field measurements on scale model EC-135 aircraft	1978
19790082625	CER'S for future military radar systems, volume 1	1978
19790082626	Application of Target Motion Resolution (TMR) processing to attitude measurement	1978
19790082627	Analysis of the discrete divices of an onboard tracking goniometer with an antenna phased array	1978
19790082629	An analysis of conversion of a pseudorandom signal with a wide range of Doppler frequency separations in a frequency difference correlator	1978
19790082637	Summary of TDV-2 radar wake observables (U)	1978
19790082649	Hot transmitter investigation (U)	1978
19790082650	A004: Digital multibeam radar final report (U)	1978
19790082651	JammerAided Tracking System (JATS) (U)	1978
19790082652	LES-8/9 joint test program, volume 2: System performance (U)	1978
19790082656	Extremely high frequency radar warning receiver subsystem (U)	1978
19790082657	Dual mode receiver flight test support program, volume 2 (U)	1978
19790082658	Dual mode recognizer flight test support program, volume 1 (U)	1978
19790082665	High-speed, high-density CMOS/SOS technology development	1978
19790082675	Traveling wave tube development	1978
19790082683	NADC solid state module study	1978
19790082686	Manufacturing Methods and Technology (MM and T) measure for fabrication of low noise figure ion barrier microchannel plates (LNF/MCPs]	1978
19790082695	VCO transistor development	1978
19790082698	Nuclear hardened micropower operational amplifier	1978
19790082700	Methods of similarity and dimensionality in mechanics	1978
19790082701	Methods of similarity and dimensionality in mechanics, part 2	1978
19790082703	Spectral calibration of 2.0 - 2.5 micrometer lead-sulfide radiometer	1978
19790082704	Investigation of thermoplastic photoconductor coated tape	1978
19790082705	Nonsilver and unusual photosensitive materials for holography and the optical processing of information	1978
19790082706	Interactive graphics ORION model. Volume 1: Analytical studies	1978
19790082708	Agile beam ladar	1978
19790082716	Laser applications and technology assessment study (U)	1978
19790082717	Fire control analysis study, volume 2 (U)	1978
19790082718	High-strength steel weldment subcritical cracking program-base line study phase-task 1.2. Review of subcritical cracking in steel weldments	1978
19790082719	Study of grease and oil lubrication systems for the Ingersoll-Rand 5HA7 main feed pump	1978
19790082722	Elastic yield zones round a crack tip under biaxial loading	1978
19790082723	Determinations of crack growth rates under flight-by-flight loading from fracture surface markings	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082724	Special cartographic signs for automatic printing by recording mechanism	1978
19790082725	Important aspects of the design and application of the digital cartographic drafting installation of Zurich Technical College	1978
19790082726	One of the possible ways for machine generalization of linear features on the example of a river system	1978
19790082727	On the approximation to the truth with an increase in the number of redundant measurements in adjustment by the method of least squares	1978
19790082728	Mod HiCAMP (U)	1978
19790082730	Electrochemical power sources: Fuel cells and batteries, foreign	1978
19790082731	System design study of a Stirling cycle rotary reciprocating refrigerator, volume 1	1978
19790082732	Initial estimates of the gravity model contributions to strategic missile errors	1978
19790082735	Station Lindau/Harz	1978
19790082736	High altitude radiation program (U)	1978
19790082739	Noise induced hearing loss. Noise evaluation. The use of hearing protectors	1978
19790082746	Problems of the construction of electron-optical digital computers and systems	1978
19790082747	Interactions of hardware and software for associative processors	1978
19790082748	Designing and equipping of computer centers on the basis of single systems of computers	1978
19790082750	AM 2901 microprocessor and related peripheral devices: Product evaluations	1978
19790082751	Modular missile borne computers, phase 2. Volume 8: Performance analysis (U)	1978
19790082752	Modular analysis borne computers, phase 2. Volume 7: Configurations and analysis (U)	1978
19790082753	Modular missile borne computers, phase 2. Volume 4: Application software specification and documentation (U)	1978
19790082754	Modular missile borne computers, phase 2. Volume 3: Hardware functional specification (U)	1978
19790082755	Modular missile borne computers, phase 2. Volume 2: System level functional specification (U)	1978
19790082756	Modular missile borne computers, phase 2. Volume 1: Executive overview and general topics (U)	1978
19790082758	A fast algorithm to compute filter operators for gravimetric measurements	1978
19790082764	Mosaic Infrared Sensor Technology (MIST) sensor design description (U)	1978
19790082770	High Endoatmospheric Designation Sensor (HEDS) concept selection criteria report and development plan (U)	1978
19790082774	Class 5 modifications: Problems in improving existing weapon systems and equipment	1978
19790082775	Logistics service test All Weather Landing System (AWLS) radar altimeter	1978
19790082777	Royal Saudi Air Force Peace Hawk 4 F-5E and F-5F initial operational test and evaluation, addendum	1978
19790082780	Follow-on operational evaluation of CV-333/u audio converter (VOCODER) of the FLTSATCOM NBSV system	1978
19790082781	Plume data analysis of advanced propellants. Task 1: Literature review and assessment of thermochemical and spectroscopic parameters, volume 2, appendix	1978
19790082782	Manufacturing methods for composite production integration	1978
19790082783	Manufacturing methods for composite production integration	1978
19790082784	Screening thermal and mechanical properties of a modified 994 graphite (994-S)	1978
19790082787	Statistical analysis of the brittle fracture of sintered tungsten	1978
19790082788	Analytical field model for a spheroid in a conducting medium	1978
19790082789	Effect of loading and environment on the strength of insulated lifting links	1978
19790082790	IMPATT diode chip level combining	1978
19790082793	Sputtered coatings for gas bearing application	1978
19790082795	Fracture mechanics prediction of fretting fatigue under Gaussian random loading	1978
19790082796	Alternative energy sources	1978
19790082800	Military Medical Journal, no. 4, April 1978	1978
19790082801	Functional condition of cardiovascular system under the prolonged effect of small accelerations	1978
19790082802	Disturbance of fat metabolism in flight personnel	1978
19790082803	Prevention of suppurative diseases in submariners	1978
19790082817	Surveillance: Navy fleet returned Drogue gun cartridge, M507	1978
19790082819	High altitude attitude reference system development study	1978
19790082823	Static force and pressure tests of the parasol wing aircraft at Mach numbers 1.5 to 4.5	1978
19790082824	YAV-8B. Actual weight and balance report for YAV-8B NAVAIR serial number 158394	1978
19790082826	Advanced metallic air vehicle structure program. Volume 3: Full scale test and evaluation, part 1	1978
19790082827	EC-135 EMP assessment program, system and subsystem test results, part 2 (U)	1978
19790082828	EC-135 EMP assessment program, system and subsystem test results part 1 (U)	1978
19790082838	Evaluation of the polhemus Advanced Visual Target Acquisition System (AVTAS)	1978
19790082845	Transporting the space solar power station from a low parking orbit to geosynchronous equatorial orbit; a comparison of low thrust and high thrust options	1978
19790082854	Satellite payload multi-threat hardening (U)	1978
19790082857	Long-period azimuthal motion effects on minuteman upgrade missiles (U)	1978
19790082858	Endoatmospheric optical homing sensor technology (U)	1978
19790082859	Air launched cruise missile clobber analysis (U)	1978
19790082861	Data processing technology analysis and integration, CDRL A011: Interceptor subsystem data processing requirements (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082862	Data processing technology analysis and integration, CDRL A010: BMD systems constructs (U)	1978
19790082863	Data processing technology analysis and integration, CDRL A012. Volume 1: Probe subsystem data processing requirements (U)	1978
19790082864	Data processing technology analysis and integration, CDRL A012. Volume 2: Midcourse satellite subsystem (U)	1978
19790082865	Data processing technology analysis and integration, CDRL A016. Future data processing technology, critical issues for midcourse defense (U)	1978
19790082866	Data processing technology analysis and integration, CDRL A017. Executive summary and test bed development and integration plan (U)	1978
19790082867	MX upper stage motor advanced development program. Volume 3: Ignition system development	1978
19790082868	MX upper stage motor advanced development program. Volume 4, part 2: Motor case materials and process development	1978
19790082869	MX upper stage motor advanced development program. Volume 5: Motor case insulation development	1978
19790082870	MX upper stage motor advanced development program. Volume 6: Folding petal extendible nozzle exit cone development, appendix D	1978
19790082871	MX upper stage motor advanced development program. Volume 7: Nozzle development	1978
19790082872	MX upper stage motor advanced development program. Volume 8: Nozzle flexseal development	1978
19790082873	MX upper stage motor advanced development program. Volume 9, part 2: Thrust vector control actuation system development	1978
19790082874	MX upper stage motor advanced development program. Volume 9, part 1: Thrust vector control actuation system verification	1978
19790082875	MX upper stage motor advanced development program. Volume 10, part 3: Propellant process definition and scaleup	1978
19790082876	MX upper stage advanced development program. Volume 10, part 4: Propellant/liner/insulation bond development	1978
19790082877	MX upper stage motor advanced development program. Volume 10, part 6: HMX grinding evaluation	1978
19790082878	MX upper stage motor advanced development program. Volume 10, part 7: Effects of pressure cure on propellants	1978
19790082879	MX upper stage motor advanced development program. Volume 10, part 8: Propellant combustion efficiency	1978
19790082880	MX upper stage motor advanced development program. Volume 10, part 10: Propellant producibility/cost studies	1978
19790082881	MX upper stage motor advanced development program. Volume 11, part 1: Materials properties, carbon/carbon	1978
19790082882	MX upper stage motor advanced development program. Volume 11, part 2: Materials, properties, composites	1978
19790082883	MX upper stage motor advanced development program. Volume 12, part 3: Full-scale motor mobile environment tests	1978
19790082884	MX upper stage motor advanced development program. Volume 12, part 2: Component vibration testing	1978
19790082886	Composites production integration	1978
19790082887	Organic matrix materials	1978
19790082891	Advanced manufacturing methods for high quality, low cost titanium powder production	1978
19790082892	Titanium alloys for seawater piping	1978
19790082893	High-strength steels	1978
19790082895	A new classification of motor oils	1978
19790082899	Effects of silanes on the mechanical properties and the employment of composite explosives	1978
19790082900	Approximate 3-D analysis program	1978
19790082902	Development test 2 of air cushion vehicle, LACV-30	1978
19790082903	Failure analysis and repair of Hughes high capacitor VM cryogenic refrigerator S/N 1	1978
19790082905	Guidelines for employment of the helicopterborne command and control communications central HC4, AN/ASC-26	1978
19790082908	HF adaptive sidelobe cancellers (U)	1978
19790082912	Lightweight low cost ECM, phase 2 (U)	1978
19790082914	Test of an adaptive HF system using HF Swept Spectrum Communication (HFSSC) (U)	1978
19790082915	Special evaluation of Search/AIMS/Beacon reinforcement (U)	1978
19790082916	Radiometric area correlator electronic countermeasures analysis. Phase 2: Electronic countermeasures flight test (U)	1978
19790082920	E-beam technology for k-band gallium arsenide field effect transistors	1978
19790082935	Crystal constrained accelerometer package	1978
19790082936	Three - dimensional cinematographic projection process	1978
19790082938	Chemical laser evaluation (laser radar)	1978
19790082939	Response of fused silica and silicon nitride to HEL irradiation	1978
19790082941	Cylindrical chemical laser sector program part 2	1978
19790082947	Army HEL pointer/tracker conceptual design study (U)	1978
19790082949	Laser plume interaction (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082950	HELTADS fire control analysis, volume 3 (U)	1978
19790082951	Dye laser radar for wake observations at Kwajalein (U)	1978
19790082954	Proceedings of the 1977 DOD Conference on Laser Effects, Vulnerability and Countermeasures, 3d. Volume 3: Aircraft (U)	1978
19790082958	IRCM analysis and simulation F-15 high energy laser warning system, volume 1 (U)	1978
19790082959	Extended operational evaluation of RIX model 2js2b-150, 100 scfm 125 psig oil-free air compressor	1978
19790082978	Meteorology and Hydrology, no. 10, October 1978	1978
19790082979	A system of monitoring the pollution of the natural environment in the USSR	1978
19790082980	Budget of water vapor and energy of phase transformations in a temperature latitude cyclone	1978
19790082981	Results of calculations of near-equatorial atmospheric circulation for zonal pressure field	1978
19790082982	Vertical profile of the turbulence coefficient in the atmospheric boundary layer	1978
19790082983	Calculation of stationary mesoscale fields of meteorological elements	1978
19790082984	Method of reduction of asynchronous data to a common time	1978
19790082985	Fog forecasting in the Irkutsk airport region during the fall-winter period	1978
19790082986	Energy of the Gulf Stream anticyclonic eddy	1978
19790082987	Spectral characteristics of radio emission from a sea surface polluted by oil products	1978
19790082988	Determining the norm for spring runoff for rivers in the steppe zone with insufficient data	1978
19790082989	Accounting for channel and floodplain morphology in hydrometric works	1978
19790082990	Certain breeze characteristics	1978
19790082991	Numerical prediction of sea level pressure with regard for surface baric tendency	1978
19790082992	Simplified method for determining the key hydrophysical characteristics of soils	1978
19790082993	Reexamination of the question of overestimations in the evaluation of evaporation in forests and forest belts	1978
19790082994	Development of programs for joint research within the framework of the USSR-US agreement on cooperation in the field of environmental protection	1978
19790082995	The new geomagnetic survey of Switzerland	1978
19790082996	Densification of control points in a previously surveyed region	1978
19790082997	On linear transformations of triangulation nets	1978
19790082998	Evaluation of hydrocarbon monitors for automated multi-base line	1978
19790083000	A comparison of kinesthetic-tactual and visual displays via a critical tracking task	1978
19790083001	Improved leather flight gloves	1978
19790083002	Peripheral equipment for small computers	1978
19790083006	Quantum mechanical theory including angular momenta analysis of atom-atom collisions in a laser field	1978
19790083008	Theoretical studies of high-power ultraviolet and infrared materials	1978
19790083010	Optical signatures analysis, 1977 (U)	1978
19790083012	Endoatmospheric sensor performance program (U)	1978
19790083015	Advanced development of reflective coatings, part 2 (U)	1978
19790083016	Advanced development of reflective coatings, part 1 (U)	1978
19790083017	Postdoctoral and senior postdoctoral resident research associateship program for the NASA Office of Scientific Personnel	1978
19790083018	Postdoctoral and senior postdoctoral resident research associateship program for the NASA Office of Scientific Personnel	1978
19790083019	Nonfaculty doctoral research staff in science and engineering in the United States universities	1978
19790083020	Postdoctoral and senior postdoctoral resident research associateship program for the NASA Office of Scientific Personnel	1978
19790083021	Implementation of the NASA Interactive Planning System (NIPS) for use by the Air Force Office of Scientific Research	1978
19790083025	The nature of triton	1978
19790083026	The profiles of the K lines in four late-B stars	1978
19790083028	On the nature and origin of comets and their contribution to planets	1978
19790083029	Simultaneous observations of cosmic ray particles in a corotating interplanetary structure at different solar distances between 0.3 and 1 AU from helios 1 and 2 and IMP 7 and 8	1978
19790083030	Aircraft maintenance job control: A new approach	1978
19790083031	A handbook for the development of depot level aircraft maintenance management information mini-systems	1978
19790083032	CH-53E component remove and replace demonstration, phase 2	1978
19790083034	A review of U.S. Army aviation maintenance policy and reliability centered maintenance for the 1980s	1978
19790083036	Ballistic data for G-11B parachute project plan	1978
19790083037	AFWL blast wave probe test results at mach numbers from 0.2 to 1.55	1978
19790083039	Evaluation of internally mounted boundary Layer Acoustic Monitors (BLAM's) in an 8-deg cone in a nominal Mach number 6.0 hypersonic stream	1978
19790083040	Documentation of the phase 3 0.192-scale Northrop/McDonnell-Douglas F-18 inlet performance test at Mach numbers 0 to 1.55	1978
19790083041	High-performance parachute RL-10	1978
19790083042	Operational test and evaluation LAPES Oxford towplate	1978
19790083043	Word rocket motor Mark-80 mod-0 1978 surveillance evaluation	1978
19790083044	Planning and development of E-3A NCS software life-cycle support facility	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083045	Certification test procedure MK1 Mod 0 and MK2 Mod1 stabilized glide slope indicator system with gyro failure alarm (S. C. number 6)	1978
19790083046	Combined environments reliability test of re-test OK (RIOK) on inertial measurement units, N-1260/ASN-90 (V)	1978
19790083047	Wing/fuselage critical component development	1978
19790083048	A commanders guide to the F-111D	1978
19790083049	YAV-8B flight demonstration program performance data reduction report	1978
19790083051	Laminated hybrid wing box structure. Part 2: Element specimen tests	1978
19790083052	AV-8C structural description report	1978
19790083053	Tri-service Full Scale Aerial Target (FSAT) study	1978
19790083054	MQM-8G (VANDAL) contractor test and evaluation program	1978
19790083055	Failure prediction for damaged aircraft survivability	1978
19790083056	Follow-on operational evaluation of the T-34C aircraft	1978
19790083057	Development test 2 (prototype qualification test-government) of XM130 aircraft general purpose dispenser	1978
19790083058	Monitoring helicopter vertical takeoff	1978
19790083059	Threat assessment for advanced defensive fire control systems	1978
19790083060	C-141B initial operational test and evaluation	1978
19790083061	Application of the ACSYNT computer program for aircraft design to V/STOL aircraft	1978
19790083062	TF30P-412A/414 accelerated life cycle tests in the F-14A airplane	1978
19790083063	Advanced aerial refueling boom development test and evaluation	1978
19790083064	Engine modification qualification test	1978
19790083065	Monitoring the engineer design test of 10-kW gas turbine engine driven generator set	1978
19790083066	Production inspection of near jet turbine disk shapes	1978
19790083067	F100 composite reinforced fan blade feasibility study	1978
19790083068	Air turbine starters air control valves	1978
19790083069	Application of stochastic optimal reduced state feedback to a seventeenth aircraft model	1978
19790083070	A study of application of fluidics technology to navy V/STOL aircraft	1978
19790083071	Demonstration of active wing/store flutter suppression systems	1978
19790083072	A laboratory gun for investigating propellant combustion under dynamic conditions	1978
19790083073	Dynamic flight simulator (centrifuge) evaluation of an anticipatory, rapid response anti-G valve	1978
19790083075	Endo optical masking study	1978
19790083076	Captive flight test plan for integrated focal plane array infrared imaging seekers	1978
19790083077	AIM-7 Extended Captive Carry (ECC) program	1978
19790083078	Axiomatic requirements engineering, volume 1	1978
19790083079	ML-101 thermal control coatings: Five year space exposure	1978
19790083080	Transparent antistatic satellite materials, part 2	1978
19790083081	Air defense Air-to-Ground engagement (ADAGR) simulation. Volume 4: Update	1978
19790083082	DNA MX materials evaluation test	1978
19790083083	Lightweight advanced post boost vehicle propulsion feed system. phase 1: Feed system design and analysis	1978
19790083084	High temperature flameholder materials investigation	1978
19790083085	Three dimensional C/C billets for launch vehicle nozzle materials demonstration	1978
19790083086	Three dimensional C/C billets for launch vehicle nozzle materials demonstration	1978
19790083087	Three dimensional billets for hot ball and socket nozzle demonstration	1978
19790083088	Lightweight advanced post-boost vehicle propulsion feed system: Feed system analyses and design	1978
19790083089	MX upper stage motor advanced development program. Volume 13: Service life predictions	1978
19790083094	Structural assessment of 3-d carbon/carbon cylinders during processing	1978
19790083095	Correlation of ablation data from the AFWAL rent and MORL HIP arc heater facilities	1978
19790083096	Satellite applications of metal-matrix composites, volume 1	1978
19790083097	Advanced composite re-entry vehicle deployment module/platform	1978
19790083098	Combustibility of steel and cast iron in oxygen at pressures of up to 150 atm	1978
19790083099	Results of corrosion tests of an electroformed nickel model in a water tunnel environment	1978
19790083100	High quality low cost titanium tubing	1978
19790083101	ESCA analysis of polymer structure and bonding, 1	1978
19790083102	Effect of the heterogeneity of plasticized polyvinyl chloride on its resistance to fungus	1978
19790083104	Synthesis of bonding components and their conversion to macromolecular substances suitable for use as rocket propellants	1978
19790083105	Economic aspects of applying methanol technology to automobiles	1978
19790083106	Synthesis of bonding components and their conversion to macro-molecular substances suitable as rocket propellants	1978
19790083107	Liquid propellant aircraft cannon technology. Volume 3: Appendixes	1978
19790083109	Interagency Mechanical Operations Group, Subgroup on Gaging: Minutes of Meeting forty-eight	1978
19790083110	Air-cushion landing craft cost models	1978
19790083111	Establish manufacturing techniques for non-evacuated cryogenic packages	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083112	Manufacturing Methods and Technology (MM and T) measure for fabrication of thin film aluminum oxide (Al ₂ O ₃) ion barrier 18 mm microplates	1978
19790083126	Digital control and processing for a satellite communications monitoring system	1978
19790083127	Navy communications	1978
19790083128	Evaluation of the AN/PRC-104 and the AN/PRC-105 team pack radio	1978
19790083129	Improved Hawk (IH) Pulse Acquisition Radar (PAR) Ultra Low Side-Lobe Antenna (ULSA)	1978
19790083130	CCD radar processor development	1978
19790083133	Low altitude radar	1978
19790083134	Aircraft problem for target, background, and sky radiance measurements	1978
19790083135	A field in the light-shade boundary vicinity in spherical wave diffraction in a circular opening	1978
19790083136	Mono-planar arrays of generalized three-legged elements in a stratified dielectric medium	1978
19790083137	Rate of propagation of the ionization front in a magnetic field	1978
19790083138	HF adaptive array sky wave test results	1978
19790083140	EDE ECM evaluation handbook	1978
19790083141	Multiple pulse propagation in fog, rain and dust at 10.6 micrometers	1978
19790083142	MX communication study MX maps communication study	1978
19790083143	Environmental tests of the UPS-190 active antenna system	1978
19790083144	Hardened phased array feasibility assessment	1978
19790083145	Receiver design for the Naval Postgraduate School SATCOM signal analyzer	1978
19790083148	SAW filter assemblies for the HPIR miniaturized slot assembly	1978
19790083149	Expendable pulse TWT development waveguide output design	1978
19790083150	Technical feasibility test of universal voltage Regulator (UVR)	1978
19790083158	Manufacturing methods and technology (MM and T) measure for fabrication of thin film aluminum oxide (A ₂ O ₃) ion barrier 18MM microchannel plates	1978
19790083164	Tape chip carrier for hybrid microcircuits	1978
19790083165	Low Power high data rate modulator	1978
19790083166	Integrated injection logic technology development	1978
19790083167	Matrix cathode fabrication	1978
19790083168	Project briefs (active projects supplement)	1978
19790083178	Enhancement mode GaAs JFET medium-scale integrated circuit technology	1978
19790083179	Engineering evaluation of EMP electronics, incorporated, model 3PS-379, three-phase, 3000 WA static inverter	1978
19790083182	Evaluation of unwanted input sensitivities on WAM transducers	1978
19790083183	The controllable transparency in holographic systems of information processing	1978
19790083184	Interim Upper Stage (IUS) component test, Hamilton Standard model RI-1010 gyro and the Singer-Kearfott model 2401 accelerometer, volume 2	1978
19790083186	Large high energy laser mirror development	1978
19790083187	Modeling and simulation of pointing and alignment systems	1978
19790083188	Laser signature reduction, part 1	1978
19790083190	Near term agile beam laser radar aperture study	1978
19790083193	Calculation of reactionary forces in cargo tiedown chains	1978
19790083194	Welding of high-strength steel	1978
19790083195	Surveillance: Air Force service-returned M27, M28, M53, and M99 initiators	1978
19790083196	Surveillance: Air Force service-returned N26 initiator	1978
19790083198	The fatigue and residual tensile strength of a multi-bolt joint between metal and carbon fibre composite	1978
19790083199	Investigation of the question of using Gauss-Krueger plane rectangular coordinates in constructing a space phototriangulation by the method of independent bundles	1978
19790083200	Multispectral aerospace methods of investigation of earth resources	1978
19790083201	Application of interpolation polynomials in the geodetic orientation of photogrammetric nets	1978
19790083202	Automated method of compiling manuscripts of topographic maps	1978
19790083203	The avoidance of computational imprecision due to weight inhomogeneities in a net adjustment	1978
19790083204	Simulation in photogrammetry	1978
19790083205	The adjustment of triangulated points by calculation of weighted means	1978
19790083206	Lithographic scanning techniques	1978
19790083208	Results of hydride research and its impact on the development of hydride-powered vehicles	1978
19790083210	Gallium arsenide solar concentrator hardness study	1978
19790083211	THEM 1: First of a series of French solar power stations	1978
19790083213	Thermal alteration of cretaceous black shale by basaltic intrusions at DSDP site 41-3108 in the eastern Atlantic Ocean	1978
19790083215	Synoptic scale aerosol transport	1978
19790083216	Uncertainties in predicting earth penetrator performance in inaccessible geologic targets	1978
19790083220	Brain cholinesterase activity changes in mice treated with O-ethyl S-(2-diisopropylaminoethyl) methyl thiophosphonate (VX) and exposed to high oxygen concentrations in air	1978
19790083230	On research into neural network principles	1978
19790083231	Evaluation of the AGU-35/P integrated helmet/oxygen mask/communication system	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083232	A self-study presentation of linear programming. A quantitative approach to management	1978
19790083233	A cross-assembler for the Selenia GP-16 computer (implementation and use)	1978
19790083234	Advanced software quality assurance	1978
19790083235	Generalized monitoring facility. Revision 1: Installation guide (W6.4.1)	1978
19790083237	Axiomatic analysis	1978
19790083239	Determination of the strength of specific molecular interactions in organophosphorus liquids employing infrared spectral frequency shift measurements	1978
19790083242	Dielectric mirrors for 3-5 microns	1978
19790083243	Microprocessor controlled phase locked loops in the Post/Rosette system	1978
19790083244	Concept evaluation of night operational Vision Devices for the Individual Combat Engineer (NOVICE)	1978
19790083245	Development of Electron Bombarded Silicon (EBS)	1978
19790083246	Holographic one-tube night vision goggle	1978
19790083247	Reverse - polarity pulse investigations hardened focal plane development	1978
19790083249	Numerical simulation of ionization instability	1978
19790083250	Trapping efficiency for sputtered uranium atoms on aluminum oxide	1978
19790083251	Study of the effects of bulk and surface defects on the radiation hardening of CMOS devices	1978
19790083252	MIS acquisition management	1978
19790083253	Planning for automated data base recovery	1978
19790083255	Evaluation of the tri-service laboratory information system (TRILAB I) at Malcolm Grow USAF Medical Center. Volume 1: Summary	1978
19790083256	Command arrangements in Europe	1978
19790083257	Hazardous waste disposal guide	1978
19790083259	Formation, history, and energetics of cores in the terrestrial planets	1978
19790083261	Carbon depth distributions for soil breccias	1978
19790083266	Simulation experiments and solar wind sputtering	1978
19790083270	A comparison of modeling techniques for calculation of F-18 aerodynamic loads	1978
19790083272	Logistics service test, fire and overheat detection system, C-141 aircraft	1978
19790083274	Performance and loads test of a 1/9-scale F-16A model at Mach numbers from 0.6 to 1.5	1978
19790083275	AV-8C reliability and maintainability predictions	1978
19790083276	Y/AV-8B failure mode and effects analysis	1978
19790083277	YAV-18B wing flight controls stress analysis and structural validation report, Revision A	1978
19790083278	Hypersonic technology integration demonstrator (HYTID)	1978
19790083279	KC-135A air refueling operator station improvements	1978
19790083280	Design, development and test of the advanced ejector rack breadboard and mechanical filter	1978
19790083281	BIGEYE (BLU-80B) weapon electrical and mechanical compatibility with A-7 CLE, A-6E A-63 TRAM, AV-8A, A-4M, and F-14 airplanes	1978
19790083290	Performance demonstration of a remotely controlled rotary orifice system on a BRU-2/A ejector rack	1978
19790083291	Separation characteristics of the SUU-64/B tactical munitions dispenser from the F-111 aircraft at mach numbers from 0.65 to 1.3	1978
19790083296	Avioptics program plan	1978
19790083297	The ballistic response of two components of an F-101 aircraft TV viewfinder	1978
19790083302	Rapid evaluation of propulsion system effects, volume 1	1978
19790083303	Rapid evaluation of propulsion system effects. Volume 2: PIPSI users manual	1978
19790083304	Rapid evaluation of propulsion system effects. Volume 3: Derivative procedure (DERIVP) user's manual	1978
19790083305	Rapid evaluation of propulsion system effects. Volume 4: Library of configurations and performance maps	1978
19790083310	The RAE gas dynamics facilities	1978
19790083311	Follow-on operational test and evaluation of the tactical air cargo loader	1978
19790083313	Initial operational evaluation of the canister HARPOON weapon system	1978
19790083314	Documentation of the Army/Lockheed interceptor staging CTS force test conducted at Mach 8.0	1978
19790083315	Advanced data processing hardware concepts for midcourse D3 and C3	1978
19790083316	Smart target activated fire and forget. Volume 5: Integrated logistics support	1978
19790083317	Smart target activated fire and forget. Volume 6: Life cycle cost estimate	1978
19790083318	Exo-atmospheric interceptor performance sensitivity analyses	1978
19790083320	Simulation and emulation requirements for midcourse BMD	1978
19790083327	Spacecraft static charge control materials	1978
19790083328	MX upper stage motor advanced development program. Volume 10, part 5: Propellant aging	1978
19790083329	MX upper stage motor advanced development program. Volume 4, part 1: Motor case development	1978
19790083331	Effect of the viscous additive PMA 'V' on the properties of paraffin-naphthene hydrocarbons	1978
19790083332	Trial of Goodyear GY4000 carbon brake heat sink material on a Harrier test vehicle	1978
19790083334	Steady-state and ramp tests of nosetip materials in the HIP ARC heater facility	1978
19790083336	Reusability of filament wound launch tubes	1978
19790083338	HASPA materials improvement program. 4: Some scanning electron microscopes studies of Kevlar yarn and Kevlar/Mylar laminates	1978
19790083339	Review of carbon fiber composites hazards test program	1978
19790083341	Laminated hybrid wing box structure. Part 1: Preliminary design study	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083342	Techniques for predicting the interaction of graphite fibers with electronic equipment	1978
19790083343	Advanced composite reentry vehicle deployment module/platform	1978
19790083344	The understanding and exploitation of alloys based on the compound TiAl(gamma phase)	1978
19790083345	Powder metal parts in machine building	1978
19790083346	Evaluation of methods for high gradient solidification of eutectic airfoils	1978
19790083348	Applications of nonferrous alloys	1978
19790083349	The water resistance of carbon fibre reinforced plastics, part 7	1978
19790083350	Morphology of fiber fragments from rigid-chain polymers	1978
19790083351	Evaluation of multi-source procurement for polyurethane foam chemicals dispensed through simplified foam-in-Place equipment	1978
19790083352	Chemistry and technology of oil and gas	1978
19790083353	State standards of the USSR. Plastic lubricants: Methods for determining the service life using a five-ball friction	1978
19790083354	Influence of the chemical composition of a positive photoresist on the shrinkage and adhesion of films based on it	1978
19790083357	Reicofil process for production of spun non-woven textiles	1978
19790083359	The barrier and strength properties of paper packaging with polyethylene liners	1978
19790083360	Some problems of the mechanism of effect of fungi on plastics	1978
19790083361	Mechanism of action of additives which improve the thermal oxidation stability of jet fuels	1978
19790083362	Low frequency instability of high pressure exponent double-base propellant	1978
19790083363	Synthesis of bonding components and their conversion to macro-molecular substances suitable as rocket propellants	1978
19790083364	Modified HDA characterization study	1978
19790083365	Climatic performance of smokeless propellants, volume 1	1978
19790083366	A preliminary analysis of nitramine propellant burning rate anomalies	1978
19790083367	Rugged lightweight radiant system for repetitive ignition	1978
19790083368	Cryogenic technology in US navy programs	1978
19790083385	Qualification operational test and evaluation HF adaptive communications	1978
19790083386	Support for US Air Force, radar cross-section measurements	1978
19790083388	The ground mobile forces satellite communication interference analysis model, EXCOOR	1978
19790083389	Correlation processing of radio signals in real time	1978
19790083393	All-union scientific session, dedicated to radio day (32ND)	1978
19790083394	Private line interface development packet network security, volume 2 2. Private	1978
19790083395	Digital communications facility design criteria	1978
19790083396	Communications/MSP signal processing implementation report	1978
19790083397	Airborne bistatic radar configurations	1978
19790083398	CVSD processing of TADIL-A signals	1978
19790083399	Concept evaluation of defense acquisition radar AN/TPS-43E	1978
19790083400	Experimental investigation of Marx generator operation in the nanosecond range of pulse duration	1978
19790083403	Fabrication of proximity focused diode image intensifier tube	1978
19790083407	Production of high pulse currents	1978
19790083408	Semiconductor modulator of millimeter and submillimeter waves	1978
19790083409	Project briefs (completed projects supplement 23)	1978
19790083410	Electroerosion treatment in a medium of weak electrolytes	1978
19790083440	Advanced electron device technology	1978
19790083461	A thermionic cathode	1978
19790083463	Microwave transmitter reliability and maintainability improvement program	1978
19790083464	Replacement and design of battery connectors used with cable assembly CX-88081C and battery BA-398/PRC-25	1978
19790083466	Heat-transfer to axisymmetric shapes in high-altitude flight	1978
19790083470	Fluidic controlled warm gas actuation system	1978
19790083473	Stereo-ortho photography with the Topocart-Orthophot C system manufactured by VEB Carl Zeiss Jena	1978
19790083476	Laboratory investigation of the Sperry SLG-15, S/N 006, laser gyro	1978
19790083477	Methodology investigation of microwave velocimeter	1978
19790083483	Materials for large space optics, phase 1	1978
19790083484	Development of the discharge-heated lead vapor laser	1978
19790083485	Uncooled nozzle array technology	1978
19790083486	A study of polycrystalline halides for high power laser applications	1978
19790083487	Unstable resonator laser cartridge development study	1978
19790083488	Laser beam recrystallization of thin semiconductor films	1978
19790083489	Carbon monoxide laser systems	1978
19790083490	Qualification test of tapered roller bearings manufactured by Federal - mogul corporation	1978
19790083491	Performance testing of aged grease-lubricated miniature bearings	1978
19790083492	An investigation to determine the most suitable technologies for case entry tooling development	1978
19790083493	Development of a new combustion system (MCA-JET) for gasoline engines	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083494	Dynamic response of a kinetic energy penetrator. Volume 2: Hydrocode analysis of a kinetic energy penetration into concrete	1978
19790083495	On the mechanism of mixed fatigue/tensile crack growth	1978
19790083498	Concept for reference frames in geodesy and geodynamics	1978
19790083499	Solar window	1978
19790083500	Manufacturing methods and technology for the establishment of production techniques for a split-cycle Stirling cryogenic cooler	1978
19790083501	Principal stages in the development of thermoelectric power in the USSR	1978
19790083502	Optimum energy recovery systems for chemical process operations	1978
19790083504	Solar energy	1978
19790083505	Utilization of solar energy, using photosynthesis as a medium	1978
19790083508	Space and upper atmosphere programs in Canada 1977	1978
19790083522	Oceanographic system program	1978
19790083523	Study of the change in susceptibility of mice to shock waves in the presence of subcutaneous air pockets	1978
19790083537	Physiological characteristics of the work of operators and mechanics during the servicing and repair of equipment set up in the open	1978
19790083538	Translations on USSR science and technology: Biomedical and behavioral sciences	1978
19790083539	B. F. Lomov discusses development of Soviet psychology	1978
19790083540	Problems of psychological testing	1978
19790083541	Urgent problems in the validation of psychological tests	1978
19790083542	Medical evaluation of sound attenuation	1978
19790083544	Changes in the permeable protective clothing as a result of exposure to heat-flash: Scanning electron microscope study	1978
19790083547	The effect of a moderate late-summer storm on long-range low-frequency sound propagation in the Northeast Pacific Ocean	1978
19790083548	Protection from noise and vibration in ferrous metallurgy	1978
19790083550	Ion source development	1978
19790083551	Pulse accelerator of charged particles	1978
19790083555	Focal-plane CCD for thermoelectrically-cooled detector array	1978
19790083556	Development test 2 (PQT-G), air delivery by parachute phase, of night vision sight-tracker, infrared, AN/TAS-5(dragon night Tracker)	1978
19790083557	Optical nonlinear image transformation	1978
19790083558	Evaluating the information properties of image converters	1978
19790083559	Plasma pulse source of electrons	1978
19790083560	Electrical conductivity and energy balance in a non-equilibrium plasma with neon-cesium, krypton-cesium and xenon-cesium mixtures	1978
19790083561	Spectroscopy of exploding multiple wire plasmas	1978
19790083566	Automatic crystal diameter control during crucibleless zone melting	1978
19790083567	Annual progress report, 1977	1978
19790083568	Identifying information systems requirements for decision making	1978
19790083604	Aviation and cosmonautics (selected articles)	1978
19790083605	Symposium on Transonic Aircraft Technology (TACT)	1978
19790083606	Compilation of abstracts on completed Test, Experimental, and Development (TED) projects (U)	1978
19790083607	The finite element method for subsonic compressible flows around multiple aerofoils	1978
19790083625	Investigation of the aerodynamic breakup of viscoelastic liquids. Phase 2. Supersonic dissemination (U)	1978
19790083628	Search and rescue procedures for the RH-53D	1978
19790083629	Operational test and evaluation, C-5 triple INS	1978
19790083630	Aeronavigation	1978
19790083632	Stamping manufacturing operations in aircraft construction (selected portions)	1978
19790083634	High speed flight testing of the BO-105HGH helicopter	1978
19790083635	Experimental tests of OH-58 tail booms to determine their ballistic survivability against high-explosive projectiles	1978
19790083636	An investigation of the effects of vertical jinking with thrust vectoring on the probability of kill of an aircraft due to anti-aircraft artillery	1978
19790083637	Improvement of wear resistance of parts of aircraft structures (selected pages)	1978
19790083638	Operational problems of commercial supersonic aircraft	1978
19790083639	Methodology for probability of kill against a moving target in air-to-ground gunnery	1978
19790083641	A feasibility study on a multipurpose light tactical aircraft and a related delivery ship utilizing a commercial container ship hull	1978
19790083642	Aquila remotely piloted vehicle/copperhead test (baseline-17)	1978
19790083644	VSTOL B pre-concept formulation study: Aircraft system candidates, volume 2	1978
19790083645	YBGM-34C multi-mission RPV combined DT and E/IOT and E flight test. Volume 2: Appendices M and N	1978
19790083646	YBGM-34C multi-mission RPV combined DT and E/IOT and E flight test, volume 3	1978
19790083647	Modular Life Cycle Cost Model (MLCCM), for advanced aircraft systems. Volume 1: Cost methodology development and application	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083648	Modular Life Cycle Cost Model (MLCCM) for advanced aircraft systems. Volume 2: Master control program - users manual	1978
19790083649	Summary of the aging and surveillance testing of two minuteman LGM-30G stage 3 rocket motors at simulated altitude	1978
19790083653	Survivability of the AH-1S TOW cobra attack helicopter engaging in the pop-up maneuver (U)	1978
19790083661	Phase 3 GBU-15(V)/B CWW NAC WDL (U)	1978
19790083662	Operational concept for the F-16 tactical fighter aircraft (U)	1978
19790083663	Assessment of a low airspeed sensor for helicopters (LASSIE)	1978
19790083666	Turbine nozzle area control system development	1978
19790083667	Aircraft power plant operational reliability	1978
19790083668	Performance characteristics of two flight test J79-Ge-15 turbojet engines at selected flight conditions	1978
19790083669	The EA-6B/J52-P-408 fifth stage bleed evaluation	1978
19790083670	Qualification of MIL-L-23699B aircraft turbine engine oil emery 2952A	1978
19790083671	ATEGG GE23/J1A1 gas generator (U)	1978
19790083672	Variable cycle engine technology development for the Aircraft Propulsion Subsystem Integration (APSI) program (U)	1978
19790083673	The relationship between the static margin, elevator trim and flight stability in the real atmosphere	1978
19790083677	Summary of the stability, control and flying qualities information for all the 135 series airplanes	1978
19790083678	European high Reynolds number transonic wind tunnel project	1978
19790083679	Flight fidelity evaluation and standards of performance for F-15A flight simulator trainer A/F37A-T49, volume 2 (U)	1978
19790083681	Since the first sputnik	1978
19790083682	Wake technology program (U)	1978
19790083686	Follow-on evaluation of Conduct Of Fire Trainer-Improved (COFT-I)	1978
19790083687	Interlaboratory air-to-air technology terminal engagement analysis	1978
19790083694	IIR tracker European test and evaluation (U)	1978
19790083696	Assault breaker end game technology demonstration (U)	1978
19790083697	PHOENIX AIM-54 logistics engineering improvement program (U)	1978
19790083704	Structural vulnerability of the HAWK and Sidewinder missiles (U)	1978
19790083707	The structural vulnerability of tactical missile to laser heating (U)	1978
19790083710	High endo designation sensor study (U)	1978
19790083712	Two-dimensional parametric analysis of Minuteman Wings, 1, 2, 3, 4 and squadron 20 models (U)	1978
19790083718	Proliferation of small satellites. Executive summary (U)	1978
19790083721	Trajectory variation study (U)	1978
19790083724	Endo-Homing maneuver control study. Task 1: Special report (U)	1978
19790083726	Foreign air-to-surface missile vulnerability assessment (U)	1978
19790083728	COMOPTVFOR report on CNO project J182-OT-VA. Follow-on operational evaluation of the AIM-9L Sidewinder missile (OPNAV report symbol 3960-12) (U)	1978
19790083733	Optical reference gyro for the guidance seeker definition and analysis program (U)	1978
19790083734	Axiomatic requirements engineering, volume 2 (U)	1978
19790083735	Footprints and launch angle versus range envelopes for Shrike missiles (AGM-45A and AGM-45B), supplement (U)	1978
19790083737	ODE special technical report. Space chamber measurements (U)	1978
19790083745	On-board satellite signal processing. Volume 2: Appendices (U)	1978
19790083746	Advanced techniques for SLBM designation and discrimination-HF measurements and analysis task (U)	1978
19790083750	Antitank Missile Test (ATMT) phase 2C results and analysis (U)	1978
19790083752	Potential application of space shuttle facilities for investigations of survivable DoD optical and communications systems. Volume 2: HAES report number 72-2, executive summary (U)	1978
19790083753	Potential application of space shuttle facilities for investigations of survivable DoD optical and communications systems. Volume 1: HAES report number 72-1 (U)	1978
19790083754	Telemetry and recording single high-speed processes	1978
19790083756	Development and research of electric propulsion in the Soviet Union	1978
19790083757	Carbon nozzle opportunities	1978
19790083758	Evaluation of four carbon-carbon ITE nozzles from LVM	1978
19790083764	Inlet and ramburner freejet and transition tests. Part 9: Advanced combustion development and parametrics investigation for the AFT S-duct and loaded center duct propulsion system configurations, appendices 4 and 5 (U)	1978
19790083770	Improved high voltage encapsulants through in situ fiber reinforcement	1978
19790083771	Optimum reinforcement of the shells of revolution from composite materials	1978
19790083773	Compound sheet systems with optimally adjusted vibration-damping plastic interlayers	1978
19790083774	The shaping and welding of sound insulating sandwich panels	1978
19790083775	Investigation of joining concepts for graphite fiber reinforced aluminum composites	1978
19790083777	Advanced composite skin stabilization	1978
19790083778	Biaxial tensile fracture of 994 graphite	1978
19790083781	Process development for the manufacture of unsymmetrical dimethylhydrazine	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083782	Uranium enrichment: A French chemical process	1978
19790083784	Kinetics of hardening of AL9 alloy when casting by vacuum suction	1978
19790083785	Industrial use of the effect of superplasticity in the forging of aluminum-magnesium alloys	1978
19790083786	Practice of thermal microscopy: Selected articles	1978
19790083787	Effect of quench rate on the properties of uranium 3/4 weight percent titanium	1978
19790083790	Industrial application of the superplasticity effect in the deformation of aluminum-magnesium alloys	1978
19790083791	Process development for protective coatings (U)	1978
19790083793	New polymer materials	1978
19790083794	Vibration damping plastics in noise abatement	1978
19790083795	Rain erosion and the molecular properties of plastics	1978
19790083796	Vibration damping properties of fiberglass-reinforced plastics	1978
19790083797	Impact strength of thermoplastic synthetics and molecular relaxation processes	1978
19790083800	Plume data analysis of advanced propellants. Volume 1, task 1: Literature review and assessment of thermochemical and spectroscopic parameters	1978
19790083801	The thermal decomposition of cyclotrimethylenetrinitramine (RDX) and cyclotetramethylenetetranitramine (HMX)	1978
19790083803	Study of propellant parameters affecting DDT (U)	1978
19790083843	Control system for video display oriented time sharing operation in DOS/ES	1978
19790083844	Radio-transmitter and television devices (collection of articles)	1978
19790083846	Passive sensor technology requirements program, appendix A. Operating curves for the hitech construct	1978
19790083847	Computer means in communication equipment and systems. Selected articles	1978
19790083848	Twenty-four hour continuous aircraft surveillance at WARF April 1978	1978
19790083849	A digital data network with address-controlled transmission and information exchange	1978
19790083850	Statistical relationship between testing and predictions of EMP interaction	1978
19790083851	Operational Test (OT) 1 of General Support/Automatic Test Support System (GS/ATSS)	1978
19790083852	Networks in space overview, topologies, and flow control systems design. Volume 1: Executive summary	1978
19790083853	Networks in space: Overview, topologies, and flow control systems design. Volume 2: Detailed analysis	1978
19790083854	Networks in space: Overview, topologies, and flow control systems design. Volume 3: Appendices A-E	1978
19790083855	Advanced Designation Discrimination And Tracking Techniques (ADDATT)	1978
19790083857	Propagation of radiowaves, part 3	1978
19790083859	Operational evaluation of the MBU-12/P aircrew oxygen mask	1978
19790083860	A study in the leak modes in a finite-width parallel-plate waveguide	1978
19790083861	Concept Evaluation Program (CEP) improved Hawk camouflage support system (U)	1978
19790083865	ARPA TTO program HOWLS (U)	1978
19790083866	High gain antenna for ECCM applications (U)	1978
19790083878	Effects of low-altitude nuclear explosions on tropospheric scatter communications links (U)	1978
19790083879	CCD radar processor development (U)	1978
19790083880	Worldwide MEECN UHF/FDM ground entry point coverage guide (U)	1978
19790083881	Assault breaker phase 1. Millimeter wave seeker credibility test report (U)	1978
19790083885	Compass tie system handbook (U)	1978
19790083890	AFSATCOM UHF voice radio demonstration test report (U)	1978
19790083892	Radar analysis program (U)	1978
19790083897	Investigation of two currently available ECM modeling techniques (U)	1978
19790083899	The performance of advanced frequency shift key modulation techniques in scintillation experiments, 1 (U)	1978
19790083907	ECM cost reduction techniques RF chain study (U)	1978
19790083909	Electron-beam lithographic techniques for integrated circuits	1978
19790083911	Manual on the calculation of electrical networks	1978
19790083943	Research program for a 3000 HP segmented magnet (segmac) motor and generator	1978
19790083948	Band 7 TWT improvement study for EF 111A (U)	1978
19790083949	HPIR miniaturized slot assembly (U)	1978
19790083950	Crystal video millimeter-wave front end (U)	1978
19790083951	The 18 Mm third-generation tube development (U)	1978
19790083952	Development of a 0.9 micron wafer intensifier tube (U)	1978
19790083953	Prediction of the onset and development of the boundary layer transition	1978
19790083955	Analytical solution of the generalized Helmholtz wave equation for compressible subsonic flow and calculation of the nonsteady pressure distributions in harmonically oscillating rotational ellipsoidal bodies	1978
19790083957	Gas dynamics and physical kinetics. Selected articles	1978
19790083959	Control forces appearing with the nonsymmetric injection of gas into the supersonic part of a nozzle for the purpose of regulating the thrust vector	1978
19790083960	Physical gas dynamics (selected articles)	1978
19790083961	Fluidic initiator	1978
19790083964	Gyroscopes and orientation and stabilization systems	1978
19790083966	AN/AAR-34 noise analysis (U)	1978
19790083967	Conversion of the frequency emitted by the neodymium doped glass laser	1978
19790083970	Uncooled nozzle array technology	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083971	The army Laser Measurement Assurance Program (ALMAP)	1978
19790083972	Environmental implications of ground-based and airborne hydrogen fluoride laser operations	1978
19790083973	Long-range cold-reaction HF chemical laser program task 2: Technology investigations	1978
19790083974	Gas circulation/conditioning system (U)	1978
19790083975	Laser Augmented Target Acquisition/Recognition (LATAR) F-4E flight test (U)	1978
19790083976	Test report, laboratory performance evaluation of Army XM712 copperhead B016/2 laser seeker (U)	1978
19790083978	Pulsed laser effects on solar cells (U)	1978
19790083981	Cylindrical chemical laser sector program part 1 (U)	1978
19790083983	Laser signature reduction. Part 2: FTIR performance evaluation (U)	1978
19790083984	An engineering user's guide and model validation for a simulation program of the COPPERHEAD laser seeker (U)	1978
19790083986	Analytical comparison of line of sight guidance links in selected smokes (U)	1978
19790083987	CO2 laser beacon/tracker test report (U)	1978
19790083993	Laser application study. Volume 1: Study results (U)	1978
19790083994	Laser application study. Volume 2: Supporting analyses (U)	1978
19790083995	Laser cross-section data analysis (U)	1978
19790084000	ODE laser algorithm and computer program (software) (U)	1978
19790084001	The navy laser-hardened materials development program (U)	1978
19790084004	System of self-adjusting control of a machine tool	1978
19790084008	Hydrodynamic radial seals of high-speed shafts	1978
19790084011	Stress distribution near cracks in plates and shells, part 2	1978
19790084012	Vibration-damped sandwich systems	1978
19790084013	Vibration damping plastics of optimally designed polymers	1978
19790084014	Design, construction, and performance of a high-speed vibration isolation system using a viscous fill fluid as the major damping element	1978
19790084016	Introduction to acoustoelasticity	1978
19790084022	Hydrogen gas generators for actuator power sources	1978
19790084023	Problems of atmospheric diffusion and pollution of air (selected articles)	1978
19790084025	Translations on USSR science and technology: Physical sciences and technology	1978
19790084026	Comparison of scattering coefficients at different scattering angles for droplet and ice crystal clouds	1978
19790084027	N2O amount determination in the total thickness of the atmosphere	1978
19790084029	Results of seismic prospecting operations with surface excitation sources in pripyat depression	1978
19790084030	Thermal radio-frequency radiation of ground covers and atmosphere	1978
19790084031	On problem of studying single-scattered brightness radiation of upper atmosphere	1978
19790084033	Spectrozonol method of the solution direct and of the inverse problems of scattering the radiation by turbid media	1978
19790084034	Application of Falling Sphere Technique to Artillery Meteorological System (AFSTAMS)	1978
19790084037	A weather evaluation system to aid operational decisionmakers	1978
19790084040	Transactions of the Institute of Experimental Meteorology (selected articles)	1978
19790084041	Radiant influx of heat due to absorption of radiation by an aerosol	1978
19790084042	Study of coalescence in natural aerosols	1978
19790084050	Background activity of neurons and oxygen tension in brain tissue at asphyxia	1978
19790084052	Operational evaluation of the aircrew safety boot	1978
19790084053	F-111 vibration analysis	1978
19790084055	LEM, volume 1. Executive summary	1978
19790084058	Security and the unclassified data system	1978
19790084060	Advanced data processing concepts, volume 1	1978
19790084062	Methods and algorithms for distribution of plane geometric objects (chapter 2 and 3)	1978
19790084063	Forecasting the quantitative characteristics of processes	1978
19790084065	Transparent Magnet	1978
19790084067	Noise supression in sheet metal constructions by using composite sheet metal	1978
19790084068	Analysis of sound propagation inside a liquid-filled, elastic tube by finite-element approach	1978
19790084075	Intense relativistic electron beam associated research	1978
19790084076	Studies in the propagation of proton beams (U)	1978
19790084078	On the differential formalism of diffraction problems in the resonance region. Application to optical gratings and various periodic structures (selected articles)	1978
19790084079	Implementation of electro-optics	1978
19790084081	Operational test 2 of infrared aiming light, AN/PAQ-4	1978
19790084082	Advanced focal plane imaging seeker (U)	1978
19790084083	Critical optics technology (U)	1978
19790084085	Hardened mosaic technology study. Volume 2: Environmental testing (U)	1978
19790084086	Hardened mosaic technology study. Volume 1: Mosaic device development (U)	1978
19790084087	Hardened Optical Sensor Tested (HOST). Volume 2: HOST track capability (U)	1978
19790084088	Hardened Optical Sensor Testbed (Host). Volume 1: HOST data analysis (U)	1978
19790084089	Hybrid focal plane and development (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084090	Hybrid focal plane design and development (U)	1978
19790084097	Liquid metal plasma valve closing switch	1978
19790084101	Investigation of spatial modulation of coherent light on basis of reversible piezoelectric effect	1978
19790084103	SOS gate protection	1978
19790084106	Systems technology program system implementation plan. Appendix A; Warhead life cycle schedules (U)	1978
19790084107	Air and cosmos (selected articles)	1978
19790084108	AEDC fiscal year 1977 research and technology program synopsis	1978
19790084109	Journal of naval sciences, volume 4, no. 4	1978
19790084110	Pulsating-combustion: Its evolution and future prospects	1978
19790084111	A single equation approach to correlation of gas chromatographic and single plate distillation data	1978
19790084112	Some practical ergonomics of man-machine interaction	1978
19790084113	Translations on USSR science and technology: Physical sciences and technology	1978
19790084114	E. A. Yakubaytis interviewed on computers	1978
19790084115	Hardware of the YeS-1055 computer	1978
19790084116	The noise immunity of a noise signal detector operating in a bilateral spatial contrast mode	1978
19790084117	The results of simulating a noise adaptive detection system	1978
19790084118	On the astronomical fluctuations on the earth's insolation	1978
19790084119	Absorption of solar, scattered and reflected radiation in the visible region of the spectrum	1978
19790084120	Calculation of IR absorption by water vapor in a continuum	1978
19790084121	First oceanological investigations from the Argus underwater vehicle in the Black Sea	1978
19790084122	Measurement of the fluctuating pressures on a model simulating the boundary-layer diverter of an aircraft intake	1978
19790084123	A brief investigation flight of the vortex wake generated by Concorde with some recommendations on separation	1978
19790084125	Improvements to the Viscous Garabedian and Korn (VGK) method for calculating transonic flow past an airfoil	1978
19790084128	Analytical results for the turbulent wake of ablating conical reentry body shapes: Turbulent near wake phenomenology, part 1	1978
19790084129	Boundary layer transition study. Volume 2, task 2: Determination of the asymmetrical front geometries (including dynamic mapping of frustum transition)	1978
19790084130	Boundary layer transition study. Volume 3, task 3	1978
19790084132	Aerodynamic characteristics of a 0.06-scale Navy/McDonnell-Douglas F-18 model at Mach numbers 0.60 to 1.55	1978
19790084133	Analysis of tailor-made airframe-inlet flowfield data and inlet performance data for supersonic fighter aircraft	1978
19790084134	Numerical study of the special features of gas flow in the vicinity of a circular cone with a thin wing at supersonic streamlining under the angle of attack	1978
19790084135	Special questions of gas aerodynamics of flight vehicles (selected articles)	1978
19790084136	Stagnation of supersonic flow behind curvilinear shock wave with preceding isentropic compression	1978
19790084137	Bottom pressure in a supersonic flow	1978
19790084138	Some characteristics of the operation of ground effect vehicles at a fixed point	1978
19790084139	TsAGI scientific notes	1978
19790084140	TsAGI scientific notes	1978
19790084142	Calculation of the interaction of a shock wave with a blunted body	1978
19790084143	Methods and tasks of practical aerodynamics	1978
19790084144	Aerodynamic characteristics of a low-aspect ratio rectangular wing with end plates at subsonic speeds	1978
19790084145	Aerodynamic air-cushion vehicles	1978
19790084146	Aerodynamic characteristics of a 0.5-scale crewman/ejection seat model during a simulated ejection from an F-16 fighter at freestream Mach numbers from 0.4 to 1.2	1978
19790084148	Projection of systems of protection of aircraft and helicopters, selected chapters	1978
19790084151	Theoretical and experimental study of the influence of various parameters upon contour icing	1978
19790084152	KC-135 navigation system modernization	1978
19790084153	Results of flight test new bias velocity calculations for P-3C (non-update) J Program	1978
19790084154	Satellite location systems	1978
19790084155	Single station location system. Advanced Single Station Location (SSL) development	1978
19790084156	High speed velocity log analytic verification of performance over smooth water	1978
19790084157	Performance evaluation of the position and azimuth determining system (PADS) with an improved vertical accelerometer	1978
19790084158	Successes of the mechanics of gyroscopic and inertial systems in USSR	1978
19790084159	Pilotage with the aid of the instruments of inertial navigation	1978
19790084160	Development test (DT) of flight coordination central (mobility phase)	1978
19790084161	Radio-navigation and instrumentation equipment	1978
19790084162	Some UK research studies of the use of wing-body strakes on combat aircraft configurations at high angles of attack	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084163	An investigation of Dutch and wing rock oscillations of a Gnat trainer aircraft: Flight tests and linear analysis	1978
19790084165	Advanced development of conceptual hardware horizontal stabilizer. Volume 2: Manufacturing and quality control	1978
19790084166	A wind tunnel test to determine flow-field characteristics at potential locations for top-mounted inlets on a transonic-supersonic fighter aircraft configuration	1978
19790084167	Carriage loads and static stability test on the F-15 aircraft with various external stores at transonic Mach numbers	1978
19790084168	Wind tunnel tests on a phase 2, forward swept wing aircraft configuration at Mach numbers from 0.6 to 2.0	1978
19790084169	Aeroelastic stability and performance characteristics of aircraft with advanced composite sweptforward wing structures	1978
19790084170	HSDS release mechanism assembly	1978
19790084171	AFFDL supersonic tactical aircraft configuration test results at Mach numbers from 0.4 to 1.2	1978
19790084172	Separation characteristics and aerodynamic loads of MSER and MER stores for the 1120-scale F-16 aircraft at Mach 0.65 to 1.20	1978
19790084173	Aerothermodynamic evaluation of windshield materials at simulated flight speeds of Mach number 2.4 to 3.0	1978
19790084174	Flight evaluation of F-14A composite overwing fairings and composite main landing gear strut door	1978
19790084176	A-7E airplane multiple munitions wiring	1978
19790084177	ASD/F101 airjet distortion generator test	1978
19790084178	Preliminary design and analysis of an air cushion vehicle as an alternate aircraft takeoff system. Volume 4: Appendices	1978
19790084179	Preliminary design and analysis of an air cushion vehicle as an alternate aircraft takeoff system. Volume 3: Air cushion vehicle preliminary design	1978
19790084180	YAV-8B HARRIER electromagnetic immunity and flight-test program	1978
19790084181	Flotation for F-14 aircraft technology investigation (FLOAT)	1978
19790084182	Wind tunnel tests of a vectored-engine-over-wing model	1978
19790084183	Wind tunnel tests of the Hypersonic Technology Integrated Demonstrator (HYTID) and the Maneuverable Reentry Research Vehicle (MRRV) models at subsonic and transonic Mach numbers	1978
19790084184	Aerodynamic characteristics of an 0.08-scale X-24B research vehicle under the influence of a simulated exhaust plume at free stream Mach numbers from 0.95 to 1.20	1978
19790084185	Advanced development of conceptual hardware horizontal stabilizer. Volume 1: Design and analysis	1978
19790084186	Advanced development of conceptual hardware horizontal stabilizer. Volume 3: Testing	1978
19790084187	AV-8C fatigue loads report	1978
19790084188	Fighter CCV phase 4 report. Volume 2: Flight test data evaluation	1978
19790084193	A method of accounting for terrain masking in helicopter survivability analysis	1978
19790084194	Monitor Kaman H-2 helicopter electrical systems retrofit	1978
19790084195	Evaluation of mission suitability of I 3/4.1(I.2) computer program for P-3C update I aircraft	1978
19790084196	Flight test of the FMU-112/B fuze	1978
19790084197	Static force tests of the HYTID and MRRV hypersonic configurations at mach numbers 2 through 8	1978
19790084198	Additional measurements within the framework of the KEL-RPV-TZE experimental program for testing sensor models (mssm program) to be used in the IABG-reconnaissance evaluation model	1978
19790084199	Aircraft construction. Air fleet equipment, selected articles	1978
19790084200	Tension-torsion strap analysis - OH58 helicopter	1978
19790084203	AV-8C reliability and maintainability program plan	1978
19790084204	Measurements during testing of aviation structures for durability	1978
19790084206	Ramburner, insulation, concepts evaluation	1978
19790084207	Aviation power plants, part 1	1978
19790084208	Aviation power plants, part 2	1978
19790084209	The T400-CP-400/402 engine salt spray corrosion test	1978
19790084210	Development test 2 of generator sets, 10 kW, 60 Hz gas turbine engine driven	1978
19790084211	Advanced lightweight fuel delivery system	1978
19790084212	Advanced lightweight fuel delivery system. Part 2: detailed planning report	1978
19790084213	Performance evaluation of a production F100(3) turbofan engine with a proximate splitter installed	1978
19790084215	Aerodynamic development of a transonic three-stage front fan	1978
19790084216	On the utilization of propulsive jets in the hyperlifting of an airplane	1978
19790084218	Calculation of the natural frequencies of the oscillations in coupled circuit of blades with band flanges	1978
19790084219	Air intake problems in supersonic propulsion (selected articles)	1978
19790084220	Feasibility study for F-16 flutter suppression system	1978
19790084221	Calculation of the parameters of the transfer functions of a flight vehicle and its automatic control system in the range of frequencies of elastic oscillations with respect to experimental frequency characteristics	1978
19790084222	Calculation of frequencies and forms of the natural oscillations of an aircraft with a high aspect ratio wing by the method of initial parameters	1978
19790084223	Theoretical study of the effect of the strouhal number on critical parameters of flutter in aircraft with a low-aspect-ratio wing	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084225	Adequacy of modeling the dynamics of the motion of an aircraft with consideration of the man-operator characteristics	1978
19790084226	Smartlet exploratory wind tunnel	1978
19790084227	Alternate Aircraft Take-off System Study (AATS)	1978
19790084228	Problems in building models for High-Reynolds number wind tunnels	1978
19790084229	Adjustment tests of the kinetic heating facilities of the Concorde static test cell	1978
19790084230	Design, development, and validation of the field of view evaluation apparatus. FOVEA	1978
19790084231	DOD/STS on-orbit assembly concept design study. Volume 1, book 1: Summary	1978
19790084232	DOD/STS on-orbit assembly concept design study. Volume 1, book 2: Analysis, tasks 3.4, 3.5, and 3.6	1978
19790084233	Aviation and cosmonautics (selected articles)	1978
19790084234	Simulation of space technology	1978
19790084235	Meet Salyut-6	1978
19790084242	An evaluation of aeroballistic range projectile parameter identification procedures	1978
19790084243	MK26 guided missile launching system safety statement	1978
19790084244	Baykonur	1978
19790084245	Satellite contamination, volume 1	1978
19790084246	Monitoring of FLTSATCOM on-orbit performance	1978
19790084247	The perturbing effect of the earth's heat radiation pressure on a satellite	1978
19790084248	Dynamics of systems of rocket control with on-board digital computers	1978
19790084249	First evaluation of the Doppler operations carried out at the CERGA	1978
19790084250	Pershing II Reentry Vehicle (RV) electromagnetic radiation (EMR attenuation tests)	1978
19790084251	Documentation of static stability tests of aerodynamic configured missiles at subsonic and transonic Mach numbers	1978
19790084253	Longitudinal component of error of the position of a satellite	1978
19790084256	The disturbed media satellite program	1978
19790084258	Static force and pressure tests of the aerodynamic configured missiles (ACM) at mach numbers 3.0 to 5.5	1978
19790084261	Evaluation of command to line-of-sight guidance for medium range missiles	1978
19790084262	Spy satellites	1978
19790084265	Mass production techniques for composite rocket motor components	1978
19790084266	Carbon/carbon subscale nozzles	1978
19790084267	Summary of the production quality assurance testing of seven minuteman LGM-30G stage 3 rocket motors at simulated altitude	1978
19790084268	Summary of igniter investigation and aging and surveillance testing of four minuteman LGM-30F stage 3 rocket motors at pressure altitude	1978
19790084269	Summary of the aging and surveillance testing of three minuteman LGM-30F stage II rocket motors simulated altitude	1978
19790084270	Paper-phenolic motor technology	1978
19790084271	Altitude performance of Thiokol TE-M-714-3 solid propellant rocket motor using a Gas Deployed Skirt (GDS)	1978
19790084272	Aging of the XM753 RAP motor	1978
19790084273	Remarks on combustion stability in solid-propellant rocket motors	1978
19790084274	Analysis of the operation of a rocket engine with modulated ejection	1978
19790084278	Cracked T-300 billet study	1978
19790084279	Manufacturing methods for processing fineweave carbon preforms	1978
19790084280	Investigation of the working life of activated carbon fibers	1978
19790084281	Reinforced plastics for helicopter blades	1978
19790084284	Nondestructive evaluation of carbon-carbon composites: A state-of-the-art survey	1978
19790084285	Production validation/composite secondary airframe structures (B-1 composite weapon bay door)	1978
19790084286	Advanced composite missile structure. Volume 1: Preliminary stage 4 structures design and interdependency study	1978
19790084287	Fibrous and precipitation-hardened composite materials	1978
19790084288	Advanced composite equipment support module	1978
19790084289	Fiber-reinforced composite materials on titanium base	1978
19790084290	Residual stresses in parts made from filled plastics	1978
19790084291	Physics and chemistry: Materials processing (selected articles)	1978
19790084292	Problems of compatibility in the development of composite materials with a metallic matrix reinforced with high-modulus fibers	1978
19790084293	Advanced composites: Natural space environment simulation, testing, and analysis	1978
19790084295	Physics of combustion	1978
19790084296	Connection of burning and electrical conductivity in carbohydrogen flames	1978
19790084297	Gas delaying capacity of ionite fibers	1978
19790084301	Equilibrium distribution and equation of state for slightly relativistic gas with briefly-acting forces	1978
19790084303	Energy dissipated during stable crack growth in aluminum alloy 2024-T3	1978
19790084305	Certain questions dealing with the application of ultrasound in hydrometallurgy of titanium	1978
19790084306	Action of an electrical pulse discharge on metals in air medium	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084307	Effect of thermomechanical treatment on the mechanical property of certain alpha-titanium alloys	1978
19790084308	Wear resistant and antifriction coatings	1978
19790084311	Creep rupture, stability and fatigue evaluation of D.S. gamma prime/gamma-alpha eutectic superalloy	1978
19790084312	Investigation of trimetal material growth	1978
19790084317	Production of iron powder in the USSR	1978
19790084321	Effect of plastic deformation and chemical composition of steel on deformation resistance during heating	1978
19790084325	Creep on metals and the criteria of heat resistance, part 1	1978
19790084326	Creep of metals and the criteria of heat resistance, part 2	1978
19790084330	Chemical resistance of materials: A reference book	1978
19790084331	Material-screening investigation for the through duct of a supersonic combustion ramjet missile	1978
19790084332	Use of boride coatings as diffusion barriers for high-melting metals	1978
19790084333	Structure and properties of high-melting metals (chapter 5)	1978
19790084334	Study of the fatigue strength characteristics of a titanium alloy of grade OT4, taking into account the effect of stress concentration	1978
19790084335	Pressing (extrusion) of particularly heat-resistant materials	1978
19790084336	Titanium alloys in machine-building	1978
19790084337	Method of producing bimetal pipes	1978
19790084338	Main trends in the development of methods for protective coatings of metals	1978
19790084339	High-temperature bonding of titanium: A survey report	1978
19790084340	Borosiliconizing of molybdenum and niobium	1978
19790084341	Study of the complex-alloyed martensite-aging steels on the ferrochromonickel	1978
19790084342	Granular metallurgy	1978
19790084343	Casting large blades from high-temperature nickel alloy	1978
19790084344	Evaluation of stable ceramic as a transducer material	1978
19790084345	A new heat-resistant glue	1978
19790084346	The temperature dependence on vibration-damping plastics	1978
19790084348	Missile command specification: adhesive, epoxy, structural	1978
19790084352	Storage and surveillance plan for rayon yarn and rayon fabrics	1978
19790084353	Alternate source for the oxidation inhibitor phenyl-alpha-naphthylamine (Uniroyal Naugard Pana)	1978
19790084355	Residual stresses in epoxy polymers	1978
19790084357	Heat aging of polymers based on cycloaliphatic diepoxides	1978
19790084358	The designing of glue joints of parts from plastics	1978
19790084359	Synthesis and evaluation of heat-resistance of polyarylates based on n-ethyl carbazole-3, 6-dicarboxylic acid	1978
19790084360	Investigation of the efficiency of heat-protective materials not impregnated with a binder in a high-temperature gas flow	1978
19790084361	New hardener for hardening epoxy resins in water	1978
19790084362	Thermal stability of organic highly heat-resistant polymers	1978
19790084363	Using the near range of the IR spectrum for studying hardening of epoxide resins	1978
19790084364	Investigation of integral light sensitivity and the structure of the spatial network of photo-resists based on polyisoprene cyclorubbers	1978
19790084365	Mechanism for the formation of a relief on cyclorubber films, 2	1978
19790084366	Problem concerning the cross-linking of cyclic rubber with bisazides. Remarks concerning the use of a method for determination of the spectral sensitivity of photoresist materials	1978
19790084367	An investigation into jet, droplet and spray behaviour of safety fuels	1978
19790084368	Suitability of suggested substitutes for vistanex MM L-120 and the special granulation RDX used in the manufacture of composition C4	1978
19790084369	Method of producing fuels with a low solidification point and a low sulfur content	1978
19790084370	Hydrogen: The fuel of the future	1978
19790084371	The mechanism of transition of explosives from combustion to detonation	1978
19790084372	HMX chemical grinding	1978
19790084373	Alternate sources for propellant ingredients	1978
19790084374	Selection of a ball propellant dryer for pilot plant evaluation. An economic analysis	1978
19790084375	Control possibilities for rocket propulsion systems	1978
19790084376	Research on hydrogen utilization for automobiles	1978
19790084377	Storage and surveillance plan for Trident pyrotechnic materials	1978
19790084378	Engine fuel additives	1978
19790084379	Vacuum-drying of single-base propellants	1978
19790084380	Determination of diphenylamine and centralite and their derivatives in propellants by high-pressure liquid chromatography	1978
19790084381	Temperature: Compensating propellant charge	1978
19790084382	Improved solid propellant mechanical properties measurement for structural analysis input	1978
19790084383	Manufacturing methods for triaminoguanidine nitrate (TAGN)	1978
19790084384	Quality of jet fuels obtained from oils of western Siberia and of the Komi ASSR	1978
19790084385	New processes of the gasification of solid fuel	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084386	Fluidics manufacturing and assembly process: Manufacturing methods	1978
19790084387	Hot isostatic pressing of structural ceramics	1978
19790084388	Application of the soil freezing method in construction	1978
19790084391	Static loading of shallow-buried model cylinders, phase 2	1978
19790084392	Technological possibilities of the application of radial reduction under the conditions of series production	1978
19790084393	Cryogenic targets within the streamer chambers and the supplying of targets with cryogenic liquids	1978
19790084394	Development of automated control systems in industry	1978
19790084416	CER'S for future military radar systems. Volume2: Computer program user's guide	1978
19790084417	H-6000 tuning guide WWMCCS system tuning process, volume 1, revision 1	1978
19790084418	Radio communication during artificial atmospheric disturbances	1978
19790084420	JTIDS preliminary software management plan	1978
19790084421	Nonlinear interference cancellation system	1978
19790084422	CCD radar processor development	1978
19790084423	Nap-of-the-Earth Communications concept formulation package (NOE COMM). Part 2: Volume 2. Trade Off Determination TOD/Trade Off Analysis TOA/Best Technical Approach BTA	1978
19790084424	Nap-of-the-earth Communications concept formulation package (NOE COMM), part 3: Volume 3. Cost and Operational Effectiveness Analysis (COEA). Appendices A-J	1978
19790084425	Nap-of-Earth communications concept formulation package (NOE COMM), part 3: Volume 4. Cost and Operational Effectiveness Analysis (COEA). Appendices K-P	1978
19790084426	Synthetic aperture precision processor, high reliability. Volume 2: Reliability and maintainability allocations, assessments, and analysis	1978
19790084427	JTIDS Joint Tactical Information Distribution System. Class 3. Terminal conceptual study. Volume 1: Executive summary	1978
19790084428	JTIDS Joint Tactical Information Distribution System. Class 3. Terminal conceptual study. Volume 7, task F: Digital Message device (DMD). Integation and interface design	1978
19790084432	Radar guidance systems (Selected chapters)	1978
19790084434	AN/ARC-164 transmitter study	1978
19790084435	Investigation of edge enhancement techniques for radiometric area correlation and guidance	1978
19790084436	Nap-of-the-earth communications. Part 1, volume 1: Executive summary: Concept formulation package NOE-COMM	1978
19790084437	The nature of mobile radio communications in urban and suburban conditions in the UHF range	1978
19790084438	Navy communications	1978
19790084441	Evaluation of beta-sialon for radome application	1978
19790084442	Design of a radiator system for a dual reflector antenna	1978
19790084445	NRL radar modification program	1978
19790084446	TPS-5X: A modification of the Army PPS-5 for improved performance	1978
19790084447	Follow-on Evaluation (FOE) of antenna group OE-254/GRC	1978
19790084448	Solid state radar exciter development	1978
19790084449	A time division multiple access UHF satellite communications system for TRIDENT range safety operations	1978
19790084450	DEES free space study	1978
19790084451	Type classification of radio set RT-()/ARC-186(V) as standard (LCC-A)	1978
19790084452	Adaptive array receiver component evaluation. Part 2: Dispersive filter with discrete gain control	1978
19790084453	Solid state radar source	1978
19790084457	Measurement of polarization of atmospheric radio emission during rain on a wavelength of 2.25 cm	1978
19790084458	Computation of uniform asymptotics of the boundary with diffraction of semishadowy field on the half plane	1978
19790084459	Antennas and Waveguides Radio Relay Line, chapter 3	1978
19790084460	Emission of a relativistic electron in a field of a plane electromagnetic wave	1978
19790084461	Effects of material properties on cylindrical wave propagation in geologic materials	1978
19790084462	Private line interface development packet network security	1978
19790084463	Principles of radar and radar equipment	1978
19790084464	Expendable pulse TWT development	1978
19790084465	Operational and maintenance procedures for 10kW test transmitter	1978
19790084466	The poly-ox dielectric isolation process for integrated circuits	1978
19790084467	Interferometric Suppression of Incoherent Noise (ISIN)	1978
19790084468	Investigation of energy saving potential of transient suppressors	1978
19790084469	Development test 2 of battery charger used to support man-portable common thermal night sights	1978
19790084470	Pulse hydrogen thyratrons	1978
19790084471	Electronic switch for registration of bioacoustical signals	1978
19790084472	Open radial resonators, symmetrical oscillations	1978
19790084474	Advanced electron device technology	1978
19790084480	Certain possibilities of composite insulation in high-voltage energy accumulators	1978
19790084481	Manufacturing methods and technology MM and T measure for fabrication of low noise figure ion barrier microchannel plates (LNF/MCPS)	1978
19790084503	CCD radiation hardening	1978
19790084504	Survey of plug-in integrated circuits and wire wrap usage (naval experience)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084505	X-band power field effect transistor	1978
19790084506	Millimeter wave integrated circuit modules for communication interconnect systems	1978
19790084521	SEM quality assurance activity test report, AGC amplifier	1978
19790084540	Reliability verification test, transformer	1978
19790084541	Reliability verification test, semiconductor device, Zener diode	1978
19790084542	Reliability verification test report, transistor, field effect, N-channel, power	1978
19790084543	Quality control storage and surveillance plan for LMSC transistors	1978
19790084544	Reliability verification test on transistors, general purpose, NPN bipolar, epitaxial, beam-lead	1978
19790084550	Reliability verification test, operational amplifier	1978
19790084571	Study of wave length conversion concept	1978
19790084572	Dual mode traveling wave tube	1978
19790084573	Increase in efficiency of high-power nanosecond generators using avalanche gas switches	1978
19790084575	Reliability verification test on microelectronic circuits, counter, dual-in-line	1978
19790084576	Reliability verification test on serial shift register	1978
19790084577	Heterojunction read diodes	1978
19790084580	Engineering investigation for alternate source for EC-130 aircraft AC electrical power generating system	1978
19790084585	Investigation of the interaction of the core of an oxide cathode made out of a nickel-rhenium-lanthanum alloy with a coating	1978
19790084589	Semiconductor electronics, the year 2001	1978
19790084594	An assessment of potential titanium heat exchanger fabricators	1978
19790084596	Gas-dynamic phenomena during the expansion shock-heated gas (flow through the slot, the opening)	1978
19790084597	Heat-transfer tests on a slender cone with ablating noise tips	1978
19790084600	Bases of heat transfer in aviation and missile-space technology, part 1	1978
19790084601	Bases of heat transfer in aviation and missile-space technology, part 3	1978
19790084602	UsAGI scientific notes	1978
19790084603	Implicit difference scheme on mobile grids for the numerical solution to Navier-Stokes equations of compressible gas	1978
19790084604	A method of nonstationary coordinates in gas dynamics	1978
19790084605	Calculation of pressure distribution in cascade profiles in linear streamline motion with Freholm's integral equation	1978
19790084606	Calculation of the turbulent boundary layer of an incompressible fluid	1978
19790084607	Various forms of the equation of motion of a non-Newtonian liquid	1978
19790084608	Principles of heat-mass transfer in reacting media	1978
19790084609	Channel flow resistance from acceleration of gas injected through the walls	1978
19790084610	On numerical analysis of two dimensional viscous flow by means of evolutionary approximation of stationary Navier - Stokes equation	1978
19790084611	Spatial correlations of the temperature field in a turbulent boundary layer in different fluids	1978
19790084612	Calculating equilibrium state of gas behind front of incident and reflected shock waves	1978
19790084613	Photoelectric system for the removal of information from the rotor of a gimballess gyroscope	1978
19790084614	Copying films based on ortho-quinone diazides and epoxy-Novolak block copolymers	1978
19790084617	Use of multiband space photographs in geographic research and topical cartography	1978
19790084618	Modern double projectors	1978
19790084619	First article inspection report for the magnetic tape subsystem	1978
19790084620	Static laboratory tests of the Bell model 11, S/N 26 accelerometer	1978
19790084621	Some possibilities of the holographic method for studying the effect of an electrical field on a flame	1978
19790084622	Laser gyroscope	1978
19790084623	Spin Coupled Accelerometer Gyro (SCAG)	1978
19790084624	Zeiss eyes in the universe	1978
19790084625	Periodic gyrostat movements	1978
19790084626	Modern aerial photography lenses and their technology	1978
19790084627	Laser safety computer program	1978
19790084628	Long range cold reaction HF chemical laser program task 5: Evaluation of bank relief	1978
19790084629	Laser obstacle terrain avoidance warning system (LOTAWS)	1978
19790084631	Feasibility investigation of a scan laser	1978
19790084632	Nonionizing radiation protection special study: Evaluation of laser operations at Cibola Instrumented Range and proposed test areas Yuma Proving Ground, Arizona, August - September 1978	1978
19790084633	Efficient raman/dye laser radiation source	1978
19790084634	Chemical Laser Advanced Diffuser Ejector (CLADE): Far advanced technology concerts	1978
19790084635	Gasdynamic laser interstage beam duct cavity lip/geometry investigation-experimental results	1978
19790084637	Dynamics of laser compression and of heating simple targets	1978
19790084638	The effect of self-adjustment of lasers on solutions of organic dyes	1978
19790084639	Liquid lasers	1978
19790084642	Laser innovations	1978
19790084643	UV photoionized CO electric laser research	1978
19790084644	Optimum operating conditions of the TEA CO2 laser with a double discharge in the presence of oxygen	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084645	Increasing the degree of space coherence of the gas lasers	1978
19790084646	Investigation of induced losses in organic dye lasers	1978
19790084647	Gas lasers for pumping solutions of organic compounds	1978
19790084648	Sources of the electric power supply of lasers	1978
19790084649	Development of a CO2 laser cavity	1978
19790084650	The chlorophyll laser	1978
19790084651	AH-1S cobra laser rangefinder/illuminator advanced development model	1978
19790084652	Quantum electronics and laser spectroscopy, chapter 2	1978
19790084653	The elasto-hydrodynamic performance of low friction, zero leakage metal seals	1978
19790084654	Evaluation of productivity of various versions of machining on multiple-tool machines	1978
19790084655	Final qualification and service suitability tests of the A-7 main landing gear rebuilt tires manufactured by Thompson Aircraft Tire Corporation	1978
19790084656	Low-pollution combustion in vehicle gas turbines	1978
19790084657	Protective lubricating coatings for the isothermic stamping of blanks from titanium alloys and steels	1978
19790084660	Operational evaluation of the container, explosive devices	1978
19790084661	Study of the characteristics of a stratified-charge engine operating on the basis of the AD process	1978
19790084664	Gas metal-ARC welding of thin section HY-130 steel with a matching chemistry filler wire	1978
19790084665	Aluform: Newly developed packaging made of bonded aluminum and plastic layers	1978
19790084666	Peculiarities of argon-arc welding of semifinished products of SAP	1978
19790084667	Improving the quality control of welds	1978
19790084668	Automatic control systems providing constancy of cutting speed	1978
19790084669	Argon-arc welding of the E1602 alloy with the application of a longitudinal magnetic field to the welding bath	1978
19790084670	Lengths selection, upset head dimensions and hole diameters for rivets	1978
19790084672	Argon-arc welding of alloy E1602 with the superimposition of a longitudinal magnetic field on the welding puddle	1978
19790084673	FBMWS and trident SWS piece parts inspection and testing program	1978
19790084674	Storage and surveillance plan, substrate assemblies	1978
19790084676	Union of science and industry	1978
19790084677	Sustained load fracture of Ti-4Al-4Mo-2Sn-0.5Si (IMI 550) plate in air and saline solution	1978
19790084678	Solutions of shell problems on a spherical surface for the purpose of comparison with the results of finite element analysis	1978
19790084679	Vibration damping by three-layered sandwich	1978
19790084680	Method of distributing residual stresses on resilient and elastic components	1978
19790084681	Outdoor stressed durability and cyclic fatigue testing of bonded joints cured at room temperature	1978
19790084682	Heat resistance of machine parts, chapters 1 and 2	1978
19790084684	Experimental evaluation of complaint bearing surface behavior under high-G impact loading	1978
19790084687	ICAO chart: Technical report and documentation	1978
19790084688	Photogrammetric bundle adjustment and the solution of large systems of normal equations	1978
19790084689	EDP as an aid to surveying	1978
19790084690	Basic development trends of topogeodetic production in the 10th 5-year plan	1978
19790084691	Complex cartographic accessioning of natural resources based on space data	1978
19790084692	Engineer rangefinder ZD-25	1978
19790084693	Mathematical modeling of the space-structural characteristics of mapped features and phenomena	1978
19790084694	Investigation of the earth's resources from space	1978
19790084695	Optimal calibration of remote sensors by using time averaging	1978
19790084696	How consistent are the results of satellite methods	1978
19790084697	Remote sensing and earth spying	1978
19790084698	A rainbow above the planet	1978
19790084699	Solar energy, parts 1, 2, 3	1978
19790084700	Nickel-hydrogen battery investigations for MX ground power source	1978
19790084702	Nickelhydrogen battery space experiment	1978
19790084703	Inductive storage direct-acting pulse accelerator with up to 1000000 J. beam energy	1978
19790084705	Qualification verification of the Tempo Instrument, Inc., P/N94152-2 ac external power monitor	1978
19790084706	Electrochemical power sources: Fuel cells and batteries-foreign, supplement 1	1978
19790084707	Radiation technology (selected articles)	1978
19790084709	Meteorological simulation of urban air pollution. Part 2: Diffusion climatological bases for the simulation of transmission	1978
19790084710	Nonlinear identification techniques	1978
19790084712	Choice of method of adjusting measurements containing systematic errors	1978
19790084714	Calm geomagnetic variations and currents in the magnetosphere	1978
19790084715	Geometric parameters of the F2 layer of the ionosphere	1978
19790084716	Methods of calculating radiation flows in the atmosphere	1978
19790084717	Special features of the evolution of atmospheric processes in the southern hemisphere in 1974	1978
19790084718	Vertical sounding of the ionosphere at the Molodezhnaya Antarctic Meteorological Center	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084719	Investigation of the spectrum of absorption of CO2 in the infrared region	1978
19790084721	The assessment of the potential hazard of a windshear field containing horizontal and vertical draughts	1978
19790084724	Numerical experiments on the comparison of various methods for an objective analysis	1978
19790084725	Selecting a set of influencing stations for an objective analysis of meteorological fields	1978
19790084726	Proceedings of the interdepartmental Expedition on the Program of the International Atlantic Tropical Expedition: Atmosphere (selected articles)	1978
19790084727	Parameters of tropical climate for technical purpose, chapter 2	1978
19790084728	Aviation climatology (selected articles)	1978
19790084729	Meteorological support for flights on air routes (chapter 9)	1978
19790084730	Warm fog combustor systems (RUDS-AUDS)	1978
19790084731	Aerosol turbidity and integral transparency of the oceanic atmosphere and factors determining them	1978
19790084732	Electrically controlled biological functions	1978
19790084736	Military Medical Journal, No. 3	1978
19790084737	Experience in using a medical information system	1978
19790084738	Discovery of the initial stages of overfatigue among the flight crew	1978
19790084739	State of the external respiration function in the flight crew personnel in the presence of concentrated atherosclerotic cardiosclerosis	1978
19790084740	Phase changes in blood coagulation in submarine	1978
19790084741	Military Medical Journal, No. 7, 1978	1978
19790084742	Effect of pulsed accelerations on the condition of the cardiovascular system of healthy people	1978
19790084743	Autogenic conditioning in the practice of flight training of flight cadets	1978
19790084744	Research on the perception of acoustic signals by workers	1978
19790084745	Stress adaptation training for UPT	1978
19790084747	Complex analysis of the stress and strain on the airplane pilot during the landing process	1978
19790084748	Technical evaluation of integrated bone conduction microphones	1978
19790084749	Human factors test and evaluation of the E-3A time division multiple access subsystem	1978
19790084750	The robot serves man	1978
19790084751	Helmet, little helmet, my own dear helmet	1978
19790084752	CMOS/SOS hardened gate array	1978
19790084755	Advanced Metal-Nitride-Oxide-Silicon (MNOS) memory technology	1978
19790084757	Modern methods of collecting and recording data and the user-computer interface	1978
19790084761	Basic trends in the development of computer technology and computing systems in the Czechoslovak Socialist Republic and in CEMA countries	1978
19790084762	H6000 tuning guide, volume 4. Appendixes	1978
19790084764	Interactive graphics ORION model. Volume 2: Computer program documentation, part 1	1978
19790084765	Interactive graphics ORION model. Volume 2: Computer program documentation. Part 3: Appendixes C, D and E	1978
19790084766	Analog input software	1978
19790084767	Plotting a smoothed curve through a set of measured values	1978
19790084768	The institute of cybernetics: Science and practice	1978
19790084770	Forecasting the quantitative characteristics of processes, part 2	1978
19790084771	Theory of random sets	1978
19790084772	Current density distribution of an electric arc magnetic field	1978
19790084773	Combined Acoustic Propagation in Eastpac Region (Exercise CAPER): Initial Acoustic analysis	1978
19790084774	Unsteady oscillations and wave diffraction in acoustic and elastic media	1978
19790084775	Short-term impulse noise measurement and analysis	1978
19790084795	Electron source pulse power supply	1978
19790084798	High-power nanosecond pulse sources of accelerated electrons	1978
19790084799	Experimental device for obtaining a concentrated beam of relativistic electrons in the atmosphere	1978
19790084800	Development and employment of sources of intensive electron beams (selected articles)	1978
19790084801	Multiplexed intrinsic detector arrays with signal processing: Monolithic HgCdTe technology	1978
19790084802	Manufacturing methods and technology for the CLGP quadrant detector	1978
19790084803	A photometer for obtaining SOI data at the GEODSS ETS	1978
19790084804	Development of focal plane technology for thermoelectrically (TE) cooled applications, volume 1	1978
19790084805	The light projector: A tool for cartographic drafting	1978
19790084807	The optical properties of fused silica and sapphire	1978
19790084809	Guidance seeker definition and analysis program	1978
19790084810	Hydrocarbon fuel IR decoy (Roman Candle) for fixed-wing aircraft. Volume 1: Development and Ground tests	1978
19790084811	Multispectral measurements program (MSMP) data management plan	1978
19790084812	Optical duplexer investigation	1978
19790084813	Coherence-difference reception of binary optical signals	1978
19790084814	Investigation of the amplitude and frequency characteristics of optical acoustic spectrum analyzers and deflectors	1978
19790084815	Study of the applicability of the domestic fine-grained emulsions for obtaining relief images	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084816	Optical electronics	1978
19790084817	Lateral - collection IR detectors, Phase 2	1978
19790084818	NAVCOMMSTA fiber optics analysis	1978
19790084819	Spectrozonol method for solution of direct and inverse problems of scattering of radiation by turbid media	1978
19790084820	Halo data utility study. Phase 2, appendix B: Computer program documentation	1978
19790084821	Electromagnetic methods of measuring parameters of flow of ionized gas	1978
19790084822	Experimental investigation of a cold-wall-type generator channel using a 1 MW MHD generator 1	1978
19790084823	Pressure increase and heat conductivity in a cylindrically symmetrical hydrogen plasma in axial magnetic field under thermodynamic consideration	1978
19790084824	Experimental investigation of the Rayleigh-Taylor instability of a rotating hydrogen arc in an axial magnetic field	1978
19790084825	The instability and damping of standing langmuir waves with different amplitudes	1978
19790084826	Instability of the langmuir high-amplitude wave	1978
19790084827	The instability and damping of Langmuir waves with different amplitudes and phase velocities	1978
19790084828	The pressure build-up in a stationary, magnetically-stabilized helium plasma at high density and temperature	1978
19790084829	Conductivity of a high density plasma	1978
19790084830	On limitation of the radial extension of an arc current by means of an axial magnetic field	1978
19790084831	X-ray spectroscopy in laser-created plasmas	1978
19790084834	Heterostructures and their applications to optoelectronics	1978
19790084837	Studies of indium-doped silicon	1978
19790084839	Optical properties of semiconductors, part 1	1978
19790084840	Optical properties of semiconductors, part 2	1978
19790084841	Turbulent motion of high-temperature continuous media (selected pages)	1978
19790084843	Scientific communications information theory, part 1	1978
19790084844	Scientific communications information theory	1978
19790084845	Large scale data base processor study, volume 1	1978
19790084846	Cost estimating relationship comparisons for new versus old technology helicopter research and development costs	1978
19790084847	Aerospace research (selected articles)	1978
19790084860	Influence of proximity of the ground on the aerodynamic characteristics of V/STOL aircraft using jets	1978
19790084862	Military utility of the boeing model 733-606-19 supercruiser. Volume 1: Configuration development	1978
19790084863	Follow-up operational test and evaluation ground radar aerial delivery system (U)	1978
19790084864	Radiometric area correlation guidance captive flight test program. Phase 5: Executive summary	1978
19790084865	Development test II (POT-G) of Position and Azimuth Determining System (PADS)	1978
19790084867	Radiometric area correlation guidance captive flight test, phase 4. Terminal handover demonstration (U)	1978
19790084868	Dynamic effects on homing interceptor track capability, part 2 (U)	1978
19790084871	YAV-8B flight demonstration program. Performance data reduction report, revision A	1978
19790084872	K-135A air refueling operator controls and displays	1978
19790084873	The tactical ability of the aerial fighters	1978
19790084874	Advanced Alternate Aircraft Takeoff System (AATS) application to future fighters	1978
19790084875	The YAK-42 (100 to 120 passengers) is the first Soviet aircraft designed according to western standards	1978
19790084876	B-1 non-nuclear structural vulnerability analysis, volume 2 (U)	1978
19790084877	Preliminary design study of a composite main rotor blade for the OH-58 helicopter. Volume 2: Ballistic survivability and radar reflectivity (U)	1978
19790084878	Navy technical assessment of the RF-4B service life extension program contractor prototype airplane (U)	1978
19790084879	Aquila remotely piloted vehicle/copperhead test (baseline - 17), addendum (U)	1978
19790084880	Flotation for F-14 aircraft technology investigation (FLOAT), supplement (U)	1978
19790084885	Technical analysis of potential sea-based aircraft (U)	1978
19790084889	OH-58 composite main rotor blade preliminary design investigation, appendix B survivability-radar reflectivity (U)	1978
19790084891	Vulnerability of four army current fleet helicopters to impacting projectiles missiles, and steel fragments and to external blast (U)	1978
19790084893	Development of generic electrical and communications and navigation systems vulnerability and ballistic resistance estimates (U)	1978
19790084894	Sight evaluation data analysis (U)	1978
19790084895	Advanced radial turbine definition program	1978
19790084896	Engine service life doubled	1978
19790084897	Advanced technology high through-flow compressor. Interim phase 1, task design report (U)	1978
19790084899	ATEGG GE23 gas generator (U)	1978
19790084900	Turbine engine centrifugal compressor technology program (U)	1978
19790084901	Air Force technical objective document, fiscal year 1980 (U)	1978
19790084904	F-4 horizontal tail flutter suppression test at Mach numbers from 0.60 to 0.95	1978
19790084905	Prototype Bullet Hit Indicator (BHI) scoring system ground and flight test	1978
19790084906	Design and evaluation of an experimental multipurpose blast containment chamber	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084908	Description of heating facilities using infrared emitters	1978
19790084909	A benefit and role assessment of advanced automation for NASA	1978
19790084914	Field evaluation of a CTD missile tracker (U)	1978
19790084915	Zuni rocket mark 71 mod 1 wind tunnel study	1978
19790084919	Assault breaker terminally guided submissile preliminary design, phase 1 (U)	1978
19790084922	Interceptor technology tested program. Phase 1A: Preliminary design and program analysis (U)	1978
19790084923	Investigations of a bank-to-turn (BTT) configuration (U)	1978
19790084924	Final report for contract DAAK40-78-C-0133 (U)	1978
19790084926	Interceptor technology testbed program phase IA: Preliminary design and program analysis. Volume 1: Executive summary report (U)	1978
19790084927	Missile guidance counter-countermeasures design (U)	1978
19790084928	Interceptor technology program, volume 2 (U)	1978
19790084930	EMP coupling to the MX missile: Electromagnetic system description and relevant problems (U)	1978
19790084934	Aim-7F semi-active seeker range algorithm, supplement 1 (U)	1978
19790084936	Velocity-space simulation (Vsim), an advanced air-to-air missile launch envelope algorithm (U)	1978
19790084937	Feasibility study for application of modular guidance and control units to aircraft launched rockets (U)	1978
19790084939	Advanced missile launch envelope algorithm concept definition report (U)	1978
19790084940	Plume visibility detection study. Rocket plume visibility code: Users manual	1978
19790084941	Propulsion energy management study. Mission analysis and survey of subsystem technology (U)	1978
19790084942	Climatic performance of smokeless propellants (U)	1978
19790084945	Service life test of M58A2 rocket motor (AIM 4A/D missiles) phases 17, 18 (U)	1978
19790084946	Air Force Rocket Propulsion Laboratory (U)	1978
19790084948	Reduced smoke AIM-9B/E/J Mk 17 rocket motor development program (U)	1978
19790084951	Method of evaluating the cohesive strength of layers in layered materials	1978
19790084953	Improved CVD process for carbon-carbon nosetip composites	1978
19790084957	Role of heterogeneous catalysis in inhibiting the combustion of hydrocarbon-air mixtures	1978
19790084958	Explosive metal treatment	1978
19790084959	Formation of billets in powder metallurgy	1978
19790084962	Isothermal heat treatment for high-strength ductile iron castings	1978
19790084965	Production of elastic foam plastics by a single-step frothing method	1978
19790084966	Investigation of the dielectric properties of layers of cyclic rubber with bisazides	1978
19790084967	Toxicology of synthetic lubricants	1978
19790084969	Ultra high burning rate composite propellant development (U)	1978
19790084970	HMX propellant combustion studies	1978
19790084971	Manufacturing methods and technology for the GLGP quadrant detector	1978
19790084972	Compressible thermoplastic mixture with a polyvinyl nitrate base	1978
19790084973	Three-dimensional homogeneous and bi-material fracture analysis for solid rocket motor grains by a hybrid displacement finite element method. Volume 1: Theoretical formulation	1978
19790084974	Three-dimensional homogeneous and bi-material fracture analysis for solid rocket motor grains by a hybrid displacement finite element method. Volume 2: User's manual and sample problems	1978
19790084975	Minimum smoke propellant ingredients	1978
19790084977	Photometric, color, radiometric, and spectral measurements of EX-18 and of French illuminating projectile loads (U)	1978
19790084979	Fuel character effects on the stoichiometric combustions (U)	1978
19790084980	A reclamation process for Navy infrared decoy flare compositions (U)	1978
19790084981	High rate technology improvements (U)	1978
19790084982	Is there an electronic distance measurement	1978
19790084983	KA-band reliability improvement. Part 1, volume 1: Technical program - summary of results	1978
19790084984	KA-band reliability improvement. Part 1, volume 3: KA-band SATCOM set analysis, appendix C	1978
19790084985	Low-angle radar tracking phenomenology. A data compilation	1978
19790084986	Radar cross section measurements of the IRS and Helfire reentry vehicles and their common jettison mass	1978
19790084987	Commonality potential for integration of JTIDS in USAF tactical aircraft	1978
19790084988	Supergain antenna	1978
19790084989	Discrimination requirements for millimeter wavelength seekers	1978
19790084990	Improved techniques for electromagnetic compatibility evaluation	1978
19790084991	Technical risk and life-cycle cost (LCC) for the Biss imaging communications RF coaxial cable subsystem	1978
19790084992	ECM/ECCM evaluation program. Volume 2: Techniques studies (U)	1978
19790084993	Risk reduction study program for the lightweight low cost ECM system. Phase 2, volume 1: Test and evaluation of a short-track module and a digital RF memory (U)	1978
19790084997	Pave Brazo broadband radome development (U)	1978
19790084998	Low cost attack radar moving target indicator (U)	1978
19790085003	Functional specification for Salty Net task 2 (U)	1978
19790085005	Reliability of naval radar systems (U)	1978
19790085006	Engineering directorate FY-79 technical test and evaluation program plan for Minimum Essential Emergency Communications Network (MEECN) (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085007	Bistatic glint reduction program (U)	1978
19790085008	Hardened serpentine antenna study program (U)	1978
19790085011	Radar reflectivity measurements of the MQM-107 target (U)	1978
19790085012	Synthetic aperture precision processor, high reliability. Volume 1: Design analysis development and testing (U)	1978
19790085018	Impact assessment of JINTACCS JTIDS TIC on selected Navy aircraft (U)	1978
19790085019	Mullimeter wave semiactive guidance program (U)	1978
19790085020	An analytical and experimental study of the dependence of adaptive array performance on element geometry (U)	1978
19790085025	EMP coupling to an in-flight MX missile in the 0-20 km altitude regime (U)	1978
19790085028	Sotas radar design study, volume 2. Best technical approach (U)	1978
19790085031	High frequency CCD's	1978
19790085032	X-band power field-effect transistor	1978
19790085038	Radiation hardened bipolar linear integrated circuits	1978
19790085040	GSRs electrical/electronic parts derating criteria	1978
19790085041	Radio receiver input circuits	1978
19790085042	Storage and surveillance plan, transistor, FET N channel, power	1978
19790085049	On the pseudoinversion of the matrices connecting the methods of adjustment by angles and by directions	1978
19790085051	Theory of distributions of potential, electric field strengths, and current densities in an arc of finite length in a strong magnetic field	1978
19790085053	High-band millimeter-wave TWT, (U) phase 3, part 1	1978
19790085054	Development of third generation 0.9 micron MCP lightweight high performance and low cost image intensifiers (U)	1978
19790085055	High band millimeter-wave TWT, (U) phase 3	1978
19790085056	High band millimeter-wave TWT, phase 3 (u)	1978
19790085057	High band millimeter-wave TWT (U)	1978
19790085058	Low band millimeter wave TWT QKw1756 (U)	1978
19790085059	An E/F/G band CFA (U)	1978
19790085060	Cathode driven CFA (U)	1978
19790085062	High Enthalpy Ablation Test (heat) facility dust flow calibration test	1978
19790085063	Nonstationary radiation-convection heat exchange in selectively absorbing gas layers	1978
19790085064	Unstationary radiation-conductive heat transfer in organic glasses in the presence of surface convection	1978
19790085065	Bases of heat transfer in aviation and missile-space technology, part 2	1978
19790085066	The calculation of linear compressible turbulent boundary layers with heat transfer	1978
19790085067	Interaction between shock wave and obstacle of finite thickness	1978
19790085071	USAF support for Ground/Vehicular Laser Locator Designator (G/VLLD) Operational Test (OT) 2 (U)	1978
19790085074	Long-range cold reaction HF chemical laser program. Task 4: Technology demonstration (U)	1978
19790085076	Long-range cold-reaction HF chemical laser program. Task 1: Device configuration study (U)	1978
19790085077	HELLFIRE tri-service Laser Seeker Section (LSS) impact sensor environment and sled test program (U)	1978
19790085078	Test report for Laser Seeker Section (LSS) an/DAB-1, -31M, serial number FN003Y(D5) (U)	1978
19790085082	CO systems study (U)	1978
19790085087	State of the art of the Wankel engine at Audi NSU	1978
19790085089	Acoustic emission: Application for testings of materials and articles	1978
19790085091	Laser methods of investigating atmospheric pollution	1978
19790085094	A striation microstructure model for propagation calculations (U)	1978
19790085095	Geomagnetic effects in the lower thermosphere (U)	1978
19790085098	Through the thunderstorm	1978
19790085099	Classification of hydrometeorological processes with the aid of computers	1978
19790085100	Development of a synoptical method for long-term forecasting of significant anomalies and sharp changes in weather in the last five years	1978
19790085101	Military Medical Journal, no. 6, 1978	1978
19790085102	Psychophysiological peculiarities of the pilot activity during low-altitude flights above the sea	1978
19790085103	Application of hot air to maintain and restore fitness in seamen	1978
19790085104	Injuries to the flight crews in aircraft accidents	1978
19790085105	Military Medical Journal, No. 5	1978
19790085106	Methods of determining the effect of the conditions of military labor on the functional state of the organism and fitness of the personnel	1978
19790085107	Problems of radiation safety in radiological studies	1978
19790085108	Use of electroencephalography when selecting the candidates for flight schools	1978
19790085109	Pathogenesis of headaches in submariners and divers	1978
19790085114	LASERX: A FORTRAN program to predict the optical characteristics of aircraft (U)	1978
19790085115	Drill-hole polarization ultrasonic sensors	1978
19790085116	Operational evaluation of the fiberscope (EOD) M k 1 M od 0	1978
19790085117	Acoustic of the ocean	1978
19790085119	Particle acceleration using a helium arc heater	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085123	Solid state readout for pyroelectric retinas	1978
19790085124	Mosaic sensor test preparation program	1978
19790085125	Program concepts for gradient index systems	1978
19790085126	Advanced infrared imaging seeker development (U)	1978
19790085127	Improved infrared reconnaissance system (AN/AAD-5) (U)	1978
19790085128	Matrix FLIR program (U)	1978
19790085129	Impact of atmospheric propagation on present and future-generation infrared imaging systems. A reappraisal of 3-5 micrometers versus 8-12 micrometers (FLIR) performance (U)	1978
19790085130	Preliminary study for infrared optically coated lens (U)	1978
19790085131	Performance test of rejection filters and lens coating (U)	1978
19790085134	Manufacturing Methods and Technology (MM and T) measure for fabrication of third generation 0.9 micro photocathodes (U)	1978
19790085135	Third generation 09 micron photocathode MM and T (U)	1978
19790085136	Uniform plasma turbulence in a strong magnetic field	1978
19790085137	Toroidal magnetic trap with a longitudinal field of 200 KOe	1978
19790085138	Power flow in large-aspect-ratio diodes with imploding-plasma loads (U)	1978
19790085139	Factors determining the thermal stability of cyclic nitroamines in crystalline state	1978
19790085142	Selection of the determining temperature during calculation of convective heat transfer and friction in gas dynamic conditions	1978
19790085149	Documentation of wind tunnel test data on the 1/12-scale E-111 F/pave tack pod model at Mach numbers from 0.60 to 1.5	1978
19790085150	Surface roughness heating augmentation test results on a sharp and blunt 45-deg. cone at Mach numbers 7, 9, and 12.5	1978
19790085152	Aircraft or boat	1978
19790085153	Flow in the vicinity of a point where an intensive suction of a laminar boundary layer begins in a supersonic stream	1978
19790085154	Aerodynamics, part 1	1978
19790085155	Aerodynamics, part 2	1978
19790085156	A 0.15-scale F-16 inlet test at supercritical airflows and extreme altitudes	1978
19790085157	Detonating cord failure in the F-111 aircraft crew module escape system	1978
19790085158	Bird impact testing of experimental plastic transparencies for the F-111 aircraft	1978
19790085159	Laser Obstacle Terrain Avoidance Warning System (LOTAWS)	1978
19790085160	Concerning the solution of flight-guidance problems particularly for blind landing with faithful perspective graphic and quantitative information channel (selected pages)	1978
19790085161	Factors affecting Omega accuracy	1978
19790085162	Aircraft navigation system verification of the autonetics high accuracy AN/ASN-122 inertial navigation system	1978
19790085163	Inertial navigation system (INS) alignment using relative navigation techniques, phase 1: Fixed ground stations	1978
19790085164	Determining the orientation of a flying vehicle from stellar photographs	1978
19790085165	Tactics development and evaluation (TD and E) C-130/C-141 integral formation	1978
19790085166	A-10A flare/chaff limited performance and flying qualities evaluation	1978
19790085171	Performance, stability, and control test on the 1/20-scale model A-10 aircraft at Mach numbers from 0.30 to 0.75	1978
19790085172	Airfoil flying boat Joerg 2	1978
19790085173	The mirage 2000	1978
19790085176	Low cost composite integral wing structure design and manufacture	1978
19790085177	Initial operational test and evaluation: Cargo loader adapter and flying tiger adapter for wide bodied aircraft	1978
19790085178	Configuration variables effects, store carriage loads, and store separation characteristics for the Supersonic Tactical Aircraft Configuration (STAC) at Mach 1.5 to 2.75	1978
19790085179	Separation characteristics of the AIM-9J-1-R missile from the 1/15-scale f-16 aircraft at Mach numbers from 0.8 to 1.3	1978
19790085180	Static test of the Corvette SN-601 aircraft	1978
19790085181	Fighter CCV phase 4 report. Volume 3, part 2: Test phase data summary	1978
19790085182	Fighter CCV phase 4 report. Volume 3, part 1: Test phase data summary	1978
19790085183	Fighter CCV phase 4 report. Volume 3, part 3: Test phase data summary	1978
19790085188	An experimental investigation of a vectored-engine-over-wing powered-lift concept. Volume 2: High angle of attack and STOL tests	1978
19790085191	XMQM-105 (aquila) mini-RPV vibration and flight dynamics measurements	1978
19790085192	Fabrication of boron/aluminum wing subcomponent skins	1978
19790085193	Advanced missile launch envelope algorithm development (U)	1978
19790085195	Calculating the characteristics of a multistage turbojet aircraft engine turbine	1978
19790085197	T-56 turbo-prop engine accident investigation procedures	1978
19790085198	Reduced cost turbine engine concepts program, part 1	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085199	Investigation of axisymmetric and vectored non-axisymmetric nozzles at Mach numbers from 0.6 to 1.5	1978
19790085202	Description and use of the fatigue test facility for the Jaguar aircraft	1978
19790085203	YAV-8B simulation	1978
19790085207	Problem on the reaction of apparatuses with the ionosphere	1978
19790085209	On the accuracy of a geodetic vector determined by satellite observations	1978
19790085210	The model Katyusha	1978
19790085211	Titan 2 Reliability and Aging Surveillance Program (RASP), 7 - 23 March 1978	1978
19790085212	Satellite threat handbook. Volume 3: Azimuth and inertial range data for analyzing direct ascent attack capabilities	1978
19790085213	Stress relieving liner for integral rocket-ramjet booster	1978
19790085214	DNA/SAMSO MX materials test, phase 1	1978
19790085215	Improved nozzle structural reliability	1978
19790085216	Plume visibility detection study. Volume 1: Technical analysis	1978
19790085219	Composition of a coating for composite filler	1978
19790085220	Measurements of damping in plastic or fibrous materials	1978
19790085221	Kinetic energy absorption of shocks by composite materials	1978
19790085223	Procedure for obtaining substrates of fiber intended for the realization of composites	1978
19790085224	Powder and composite materials	1978
19790085225	Mechanical and thermal evaluation of 500 series billets	1978
19790085227	Mathematical modeling of heterogeneous-homogeneous ignition and combustion	1978
19790085231	Hot stamping and pressing of titanium alloys	1978
19790085232	Two-component diffusion coatings for iron alloys	1978
19790085233	Electrolytic treatment of sea water for corrosion inhibition of steel	1978
19790085235	Anticorrosion coating based on epoxy filler EP-00-10	1978
19790085237	Polymer adhesives used in hybrid microcircuits	1978
19790085238	Microbial corrosion of plasticized polyvinyl-chloride used for the protection of metal	1978
19790085239	Forecast of properties of polymers and the efficiency of polymer materials in articles	1978
19790085240	Recovery of N-hexylcarborane from propellants	1978
19790085241	Catalytic decomposition of ammonium perchlorate	1978
19790085242	Continuous long term pumping of molten high explosives	1978
19790085243	Static loading of shallow-buried model cylinders	1978
19790085257	Report on a visit to Japan, 5 - 17 July 1978	1978
19790085258	Implementation of a PSK demodulator using a Miproc microprocessor	1978
19790085259	Soviet radio communications systems	1978
19790085260	KA-band reliability improvement. Part 1, volume 2: KA-band SATCOM set tabular system analysis, appendix B	1978
19790085263	Survey and review of building shielding to electromagnetic waves from EMP	1978
19790085264	EMP data reduction variables analysis study	1978
19790085266	Millimeter wave transmitting-receiving antenna with high isolation coefficient	1978
19790085270	Horizontally polarized dipole upgrade testing program	1978
19790085271	CW monitoring in the AIM-4F, WSEM	1978
19790085272	Thin-film microcircuits for instrument manufacture and computer technology	1978
19790085273	Thin-film microcircuits for instrument manufacture and computer technology, part 2	1978
19790085275	Follow-on-evaluation of antenna assembly AS-2731	1978
19790085276	Capacitive tuning array	1978
19790085277	Advanced machinery liquid metal wetting and cleanup study	1978
19790085281	Transistor, silicon, medium power	1978
19790085282	Gallium phosphide junction field effect transistor development	1978
19790085283	Development of a C-band CATT	1978
19790085284	New memory device structures	1978
19790085290	Improvement study for band 5/6 TWT	1978
19790085298	The 90 GHz power tube technology study	1978
19790085299	Manufacturing Methods and Technology (MM and T) measure for fabrication of thin film aluminum oxide (Al ₂ O ₃) ion barrier 18 m microchannel plates	1978
19790085300	Investigation of the kinetics of the reaction of hydrogen on cathodes made from tungsten, rhenium and their alloys with admixtures of the rare-earth elements	1978
19790085301	Fundamentals of microcircuit engineering (selected portions)	1978
19790085302	Materials for thin-film microcircuits	1978
19790085304	Solid/state SSB AM/FM broadband transmitter modules (2MHz-400MHz with high level modulation)	1978
19790085305	Electrical controlled values for the formation of powerful current pulses	1978
19790085307	Product assurance briefs: Harris semiconductor HA2420 sample and hold operational amplifier metallized film notice (power transistor failure)	1978
19790085314	Heat transfer and hydraulic friction during the flow of a viscous fluid in a flat tube	1978
19790085315	Homogeneous turbulent boundary layer with injection intensity which varies lengthwise	1978
19790085316	On the spectral distribution of turbulent energy and components in turbulent boundary layers	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085317	Diagrams of contemporary shock tubes and special features of the flow of gas in shock tubes	1978
19790085318	Development of methods of density measurement of gas in shock waves	1978
19790085319	Influence of uncertainty of transport properties of hot air on heat exchange at low Reynolds numbers	1978
19790085322	Miracle substance	1978
19790085323	Problems of integral holography	1978
19790085324	Metal vapor laser-pumped dye laser	1978
19790085325	RF modulated GaAs laser diode study	1978
19790085326	Generation on dyes in the 420-470 nm range during by an ultraviolet nitrogen laser	1978
19790085327	AFL-11 system integration support program	1978
19790085332	Low-pressure chemical laser testing	1978
19790085333	Chemical Laser Advanced Diffuser Ejector (CLADE)	1978
19790085334	Results of gasdynamic laser diffuser simulation using a sub-scale model in a high temperature hypersonic wind tunnel	1978
19790085335	Laser radiation	1978
19790085336	Hellfire low cost seekers comparative performance field tests (U)	1978
19790085339	Strength of welded constructions in aggressive media	1978
19790085340	Construction, technology and the operation of compressor machines of different purpose	1978
19790085347	Features of argon-arc welding of semifinished articles of sintered aluminum powder	1978
19790085348	Initial developmental test and evaluation of the replaceable tread tire for C-130 aircraft	1978
19790085349	High performance hydraulic sealing systems, part 6	1978
19790085351	Faster accelerated life testing by step stress: Models and data analysis	1978
19790085352	Determining the breakthrough of gases with the help of ultrasound	1978
19790085353	Off-center, low velocity, transverse normal impact of a viscoelastic beam	1978
19790085355	General algorithms for solving problems of the theories of elasticity, plasticity and creep	1978
19790085356	Possibility of transition to new equilibrium forms of nonlinearly deforming systems under transient creep conditions	1978
19790085374	Theoretical aspects of the method of raster discretization	1978
19790085375	On problem of reducing effect of granularity interference on error in measuring quality characteristics of aerial photosystems	1978
19790085376	The reference system of satellite geodesy	1978
19790085377	Space methods for studying the natural environment	1978
19790085378	New curriculum for cartography training at the Technical University of Dresden	1978
19790085379	Reply to the article, 'is there an electronic distance measurement	1978
19790085380	Integrated charger battery system model EMBS 144 battery system, sealed cell, nickel-cadmium, integral charge control, aircraft	1978
19790085381	Development test 2 (PQT-G) of 10 kW, 60Hz, gas-turbine-engine-driven generator set	1978
19790085382	Manufacturing methods for cutting, machining and drilling composites. Volume 1: Composites machining handbook	1978
19790085383	Electrical resistivity of the Michigan upper peninsula	1978
19790085384	Soviet magnetic-ionospheric observatories	1978
19790085385	Martensite transformations in high carbonic manganese steels	1978
19790085388	Reports on the effectiveness of intervention in hail processes in Bulgaria	1978
19790085389	Dispersed composition of atmospheric aerosols in certain regions of Central Asia	1978
19790085390	Comparison of radar and aircraft measurements of turbulence in well-developed convection	1978
19790085391	Employment of the holographic interferometry to visualize thermal boundary layers during the air natural convection	1978
19790085392	Influencing the process of formation of a radiation fog with the help of artificial sources of heat	1978
19790085393	Statistical methods for interpretation of meteorological data	1978
19790085394	National Oceanic and Atmospheric Administration storm measurement project (ROUGH RIDER 1978)	1978
19790085395	The content of finely-dispersed aerosols (Aitken nuclei) in the surface layer of the atmosphere on the coast of the Barents and Black Seas	1978
19790085396	Microstructure of atmospheric aerosol	1978
19790085397	Spectral characteristics of sea state from one-dimensional spatial spectrum of a radar signal	1978
19790085398	Kinematics and structure of currents on a range in the Sea of Norway	1978
19790085399	Apparatus for the growing of microorganisms	1978
19790085425	Technical device for the complex control of human motor functions	1978
19790085427	Computer theory (selected articles)	1978
19790085428	Nonvolatile charge injection devices	1978
19790085429	Nonvolatile semi-conductor random-access memory radiation assessment	1978
19790085430	Emulation technology study	1978
19790085431	Evaluation of an adaptive pattern-recognition technique	1978
19790085432	Sound emission by supersonic turbulent boundary layers	1978
19790085433	The use of ultrasound in industry	1978
19790085434	Experimental verification of the theory of radiation generated by Compton electron currents	1978
19790085436	Manufacturing methods and technology program: Zinc selenide blanks for windows and lens element	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085437	Optimal spatial filters	1978
19790085438	Affine transformations of images in optical systems with feedback	1978
19790085439	Power distributions which are established in a plasma turbulent reactor	1978
19790085440	Investigation of quasi-stationary systems of magnetic confinement (1977-1978)	1978
19790085441	Results and plans of research on the tokamak program in section T of the Department of Plasma Physics of the I. V. Kurchatov Institute of Atomic Energy	1978
19790085442	Propagation of a thermal wave and formation of a shock wave in ultra-short optical breakdown	1978
19790085443	Calculation of the ion velocity distribution function in a rotating plasma	1978
19790085444	Kinetic equation for an electron gas non-neutral plasma in strong fields and inhomogeneities	1978
19790085445	Growth inhibition in CD*A	1978
19790085446	Annual progress report 1978	1978
19790085453	Y/AV-8B Reliability and maintainability block diagrams and mathematical models, revision A	1978
19790085454	A handbook for instrument instructor pilots: Selected material and techniques taught at the USAF instrument pilot instructor school	1978
19790085455	Civil aviation, selected articles	1978
19790085456	Aeronautics in the Popular Republic of China	1978
19790085457	Aviation and cosmonautics (selected articles)	1978
19790085461	Calculating aerodynamic forces which arise in flow past plate set on plane normal to incident air stream	1978
19790085462	Wind tunnel test to determine the separation characteristics of various external stores from the F-111 aircraft at Mach numbers from 0.7 to 1.3	1978
19790085463	Test results from the Navy/Vought Corporation electro optical window test conducted in the AEDC-VKF tunnel A	1978
19790085464	Assessment of inertial relief and free-free calculations	1978
19790085465	Numerical-analytical solution of the problem of hypersonic gas flow past thin quasi-two dimensional bodies	1978
19790085466	A method for calculating an aerodynamic drag coefficient of a satellite	1978
19790085467	Investigation of supersonic flows of holographic interferometry	1978
19790085468	Experimental study of the effectiveness of a gas screen in a supersonic axisymmetrical nozzle	1978
19790085469	Contributions to gas dynamics and aerodynamics	1978
19790085470	Studying the effect of interference by a delta wing and a half-body	1978
19790085471	Calculation of the aerodynamic characteristics of a system of wings moving at subsonic speed near the earth or a smooth water surface	1978
19790085472	IAP 202 heat transfer and pressure tests in the NSW/WOL hypersonic tunnel (WTR 1303)	1978
19790085473	The shape of the disturbed zone with the flow around an obstacle on a wall by a supersonic gas flow	1978
19790085474	Design of protective systems of aircraft and helicopters	1978
19790085475	Development and qualification of aircraft ejection seat, M38 catapult	1978
19790085476	Technical guide for protection of aircraft from lightning	1978
19790085478	Satellite navigation system (FSN-20)	1978
19790085479	Pattern matcher development study	1978
19790085480	Direct comparison of terrain following control laws	1978
19790085481	Navigation technology development, volume 3	1978
19790085482	Tactical Global Positioning System Guidance (TGPSG) risk assessment and military applications study. Volume 1: Technical discussion	1978
19790085483	Tactical Global Positioning System Guidance (TGPSG) risk assessment and military applications study. Volume 2: Appendices	1978
19790085484	Vertical gyro performance on a high-speed surface effect ship	1978
19790085485	Tactics development and evaluation, tactical landing approach radar (talar). Terminal instrument procedures (TERPS)	1978
19790085486	Non-Soviet devices for gyroscopic orientation	1978
19790085488	Laboratory investigation of the Honeywell model GG1300, S/N 23 laser gyro	1978
19790085489	Advanced structural design for fighter composite wing box	1978
19790085490	Advanced structural design for fighter composite wing box	1978
19790085491	Advanced structural design for fighter composite wing box	1978
19790085493	Yav-8B. Graphite/epoxy composite wing: Structure test plan, revision A.	1978
19790085494	Jaguar aircraft fatigue test preparation	1978
19790085496	Wing/fuse large critical component preliminary design (Boeing)	1978
19790085497	Burn/blast test of aircraft structural elements	1978
19790085500	Climatic laboratory tests on SH-3H helicopter with AN/Asn-123 Tactical navigation installed	1978
19790085501	Qualification operational test and evaluation of the Drone Tracking Control System (DTCS)	1978
19790085502	Air Bag Impact Attenuation System (ABIAS) developmental test and evaluation	1978
19790085503	Practical aerodynamics of maneuverable aircraft, part 1	1978
19790085504	Practical aerodynamics of maneuverable aircraft, part 2	1978
19790085505	The design of fuselages of more recent commercial aircraft and its influence on the economy of flight operations	1978
19790085506	The mirage 2000	1978
19790085507	Results of the TDU-29/B(FIGAT) stability flight test program	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085508	Alternate aircraft simulation techniques	1978
19790085509	Documentation of the 0.05-scale f-16 aircraft model aerodynamic characteristics and store-ejector rack loads	1978
19790085513	Composite forward fuselage systems integration, volume 1	1978
19790085514	The development of two class problems for a course in aircraft combat survivability a study of aircraft attrition in a hostile anti-aircraft artillery environment and a survivability design and campaign analysis of a combat aircraft	1978
19790085515	Manufacturing methods for high information rate cockpit display	1978
19790085516	Test report of the gimbaled, POISE, mast-mounted sight on the UH-1H helicopter	1978
19790085518	Cost effective repair techniques for turbine airfoils	1978
19790085521	Dynamics of flight and controllability of heavy jets	1978
19790085523	A contribution for solving the flutter equation considering powered controls and automatic flight control	1978
19790085524	Alternate Aircraft Take-off System (AATS): Concept/feasibility study, volume 2	1978
19790085527	The airplane simulation on the digital computer	1978
19790085543	Soviet manned space ships and orbiting stations, selected pages	1978
19790085544	Space research carried out in the USSR in 1977	1978
19790085545	Prospectors of the universe	1978
19790085546	Soyuz 24: 19 days in orbit	1978
19790085547	Space research in the USSR: The Soviet Space Research Institute, IKI	1978
19790085548	Flywheel in space	1978
19790085549	External resources and astronautics (chapter 4)	1978
19790085550	The equations of satellite leveling	1978
19790085554	Kosmos-1000	1978
19790085556	Application of discrete guidance and control theory	1978
19790085557	The sun and the moon can interference with satellite transmissions	1978
19790085560	A combinatorial geometry computer description of the patriot launching station	1978
19790085561	Stage separation study: Results of a study to determine the effects of interstage geometry on the interference aerodynamics of a typical advanced terminal defense interceptor during the staging maneuver	1978
19790085564	Interview with academician L. I. Sedov by tass correspondent	1978
19790085567	Bases of the flight control of the space vehicles and ships, part 2	1978
19790085568	Gases of the flight control of the space vehicles and ships, part 1	1978
19790085569	Materials tips for spacecraft applications, second issue	1978
19790085572	Integral Throat and Entrance ring (ITE) carbon/carbon nozzle demonstration program	1978
19790085573	Low cost RPV booster motor demonstration program, volume 1	1978
19790085574	Low cost RPV booster motor demonstration program, volume 2	1978
19790085581	Resistance of polycarbonate to the effect of corrosive media	1978
19790085582	Advanced Fiber Reinforced Thermoplastics Program (AFRTP)	1978
19790085583	Composition material	1978
19790085584	Some problems of the physical chemistry and technology of composite materials	1978
19790085585	Progress in preparation and deformation of silicon carbide - Aluminum metal matrix composites	1978
19790085586	Problems of the modeling of composites	1978
19790085587	Fatigue of boron-aluminum composite materials	1978
19790085588	Hardening in the thin layer of filled epoxide compositions	1978
19790085589	Basic testing for application of hybrid materials	1978
19790085590	The formation of high melting metal carbides by annealing of a carbon filament in the vapor of a volatile halogen compound of the metal	1978
19790085591	Design criteria guidelines for the service/maintainability of advanced composite structures	1978
19790085593	Laser assisted chemistry	1978
19790085594	Using an electrochemical probe to measure the velocity in a natural convection flame: Case of a horizontal cylinder	1978
19790085595	Research to conduct an exploratory experimental and analytical investigation of alloys	1978
19790085596	Study of the interaction of the nickel alloys with rare-earth metals and the coatings in an oxide-coated cathode	1978
19790085597	Study of relationships among marten structure, frequency of microcracks and fracture toughness	1978
19790085598	Electrometallurgy of steel and ferroalloys	1978
19790085599	Thermal treatment and resistance of alloys to repeated stress	1978
19790085600	Crevice corrosion of metallic materials in sea water	1978
19790085601	Martensite aging of steel	1978
19790085602	Alloying steel with vanadium using a converter vanadium slag	1978
19790085603	Critical technological problems in production of heavy nonferrous metal	1978
19790085604	Metallization in a vacuum horn - TASS	1978
19790085606	Influence of the layer thickness of a photoresist based on a polymer bisazide system on sensitivity	1978
19790085607	Stabilization of polymer materials: One of the basic means of increasing their quality and useful life	1978
19790085608	Light sensitivity of photoresist films based on a polymer-bisazide system	1978
19790085609	Erosion resistant, antistatic, thermal flash resistant, polymeric coatings	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085610	Cavitation erosion in polymer solutions	1978
19790085612	Plastics (selected articles)	1978
19790085613	Films based on heat-resistant polymers	1978
19790085614	Heat and light aging of the polycarbonate films	1978
19790085615	Degradation of cross-linked polyorganosiloxanes	1978
19790085616	Plastics (selected articles)	1978
19790085617	Statistical analysis of the viscoelastic properties of polymers	1978
19790085619	Influence of introduction of epoxy resin on the properties of EP-383 positive photoresistant material	1978
19790085620	Reactions of polyether binder materials	1978
19790085621	Significance of polar and disperse surface tension components of plastomers and coating materials for the adhesive strength of compound systems	1978
19790085622	Fuels, lubricants and technical fluids in agriculture	1978
19790085623	Storability and expulsion test program	1978
19790085625	Synthesis of shiff bases and investigation of them as fuel additives	1978
19790085626	Several fractional methods of producing jet fuels	1978
19790085627	Study of the combustion of gaseous fuels	1978
19790085633	Breakup characteristics of JP-4 vented from KC-135 aircraft	1978
19790085635	Billet-forging-stamping operation in airplane construction, selected articles, part 2	1978
19790085636	Billet-forging-stamping operation in airplane construction, selected articles, part 1	1978
19790085637	Transportation and storage of industrial liquified gases, selected pages	1978
19790085638	Concrete technology	1978
19790085639	All-union conference on problems of metrological provision of industrial measuring instruments used in the chemical industry	1978
19790085640	Hot stamping of ribbed parts in state of superplasticity	1978
19790085641	A mobile channel simulator for packet radio characterization	1978
19790085642	The 16 KB/S modem performance characterization	1978
19790085645	Evaluation of GBU-15 video data link jamming	1978
19790085646	RADC antenna test facilities	1978
19790085647	Combined quarterly technical report, no. 9, volume 1: Packet broadcast by satellite pluribus satellite IMP development UNIX system development	1978
19790085648	Combined quarterly technical report, no. 9, volume 2: Private line interface development packet network security	1978
19790085651	Site survey outline and checklist for high-altitude electromagnetic pulse analysis of satellite communications terminal AN/FSC-78 facilities	1978
19790085652	Discrimination and fluctuation characteristics of Doppler velocity meter of monopulse radar	1978
19790085653	RARF (radome, antenna, and RF circuitry) retest and reliability evaluation	1978
19790085654	A combinatorial geometry computer description of the patriot radar set semi-trailer mounted (AN/MPX-53)	1978
19790085655	Autocorrelator for a radar/passive detection system	1978
19790085656	Laser communications detector: Photomultiplier tubes	1978
19790085658	Conversation through glass wires	1978
19790085660	An experimental combined environments reliability test of the an/arc-164 radio set	1978
19790085662	Survey and review of aperture shielding for EMP/RFI fields	1978
19790085663	NMCS Automated Control Executive (NACE) users manual	1978
19790085666	Two-signal selectivity of FM-signal receivers	1978
19790085667	Photometric and television measurements in rocket experiment Aurora Borealis with the injection of barium in the ionosphere of the earth	1978
19790085672	Manufacturing technology for YIG tuned filters	1978
19790085677	Leak detection of integrated circuits and other semiconductor devices on multilayer circuit boards	1978
19790085678	Solid state readout concept for pyroelectric retinas. Phase 1: Theoretical investigation	1978
19790085681	Integrated circuit, programmable logic array, 48 word by 8, 3- state output	1978
19790085682	Storage and surveillance plan, transistors	1978
19790085684	Fundamentals of electro-gas dynamics of dispersion systems (selected chapters), part 1	1978
19790085685	Fundamentals of electro-gas dynamics of dispersion systems (selected chapters), part 2	1978
19790085688	Digital integrated circuits, microprocessors and microcomputers	1978
19790085692	Qualification test report: Resistors, fixed film	1978
19790085696	Designing microelectronic digital apparatus, chapter 6	1978
19790085697	Double-drift ka-band silicon IMPATTS	1978
19790085698	Comments on hardened CMOS/SOS microprocessor technology	1978
19790085700	Effect of current on the evaporation of the barium component of an oxide cathode	1978
19790085722	V-band solid state amplifier	1978
19790085732	A simple model of infrared radiation from the flow over a sensor window	1978
19790085733	Analysis of turbulent boundary layer with variable physical properties	1978
19790085734	The numerical integration of the equations of motion of three-dimensional, compressible laminar boundary layers	1978
19790085735	Pressure distribution on sharp cones at angles of attack alpha equals 0 minus 10 deg in supersonic flow	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085736	Numerical solution of problems of heat conductivity in cylinders by using methods of differentiation	1978
19790085737	Diamond heat sinks for semiconductor devices	1978
19790085738	Use of the decomposition method and the iterative interpolation method for the calculation of chemically nonequilibrium unsteady boundary-layer flows	1978
19790085739	Approximate solution of certain problems of heat and mass transfer	1978
19790085741	Self-modeling solutions of equations of the boundary layer of liquids the thermophysical properties of which depend significantly on temperature	1978
19790085742	Forced evacuation of tanks of heat exchangers in vacuum	1978
19790085743	Thesis of reports of 2nd All-Union Symposium on Pulse Pressures	1978
19790085744	Handbook for the hydraulic power engineer	1978
19790085745	The influence of strong acceleration of flow on the distribution of velocity in a turbulent boundary layer with blowing in	1978
19790085746	Boundary velocity of an isothermic slip during the flow of binary mixture of a weakly rarefied gas along a hard surface	1978
19790085747	Aerosol-optical gas analyzer	1978
19790085748	Heterodyne frequency meter of the submillimeter radiowave band	1978
19790085749	All-union conference on holography (2nd) in Kiev	1978
19790085752	Method of synthesis of angle discriminators of multichannel goniometers	1978
19790085753	Effect of linear acceleration on the stability of a dynamically tunable precession gyroscope	1978
19790085754	Holographic identification of forms	1978
19790085755	Degradation of KRS under flashed and CW irradiation	1978
19790085760	Experimental test of the theory of multiple-nozzle cusp wakes	1978
19790085763	The laser beam professions	1978
19790085764	A nitrogen laser pumped dye laser with small line width	1978
19790085765	Laser rangefinders in satellite geodesy	1978
19790085766	Study of the lasing characteristics of lamp-pumped dye lasers during the use of diphenylbutadiene: New triplet quenching agent	1978
19790085767	Cylindrical laser and mixing program clamp theory and users guide	1978
19790085768	Deformable mirror coatings	1978
19790085769	The III-V heterojunction structures for long-wavelength injection laser	1978
19790085770	The many professions of a laser	1978
19790085771	The 3-V heterojunction structures for long-wavelength injection laser	1978
19790085772	The laser beam and its military significance	1978
19790085775	Side by side with the researcher: The seven lights of the laser	1978
19790085778	Mechanism of the wear of force die materials	1978
19790085779	Submerged-arc welding of a vt5-1 alloy tee joint 7-8 mm thick	1978
19790085780	Using certain signal processing methods in ultrasonic flaw detection	1978
19790085781	Study of a method for measuring the internal friction of plastic coatings subjected to bending stress	1978
19790085782	Use of the moire method for measuring stress and strain of structural parts made of visco-elastic plastic	1978
19790085783	Direct observations of dislocated structures in the vicinity of fatigue crack tips (iron)	1978
19790085784	Yielding effects on design shock spectra	1978
19790085785	Asymmetric oscillations of a cylindrical shell partially filled with fluid	1978
19790085787	Use of an aerial surveying camera in the spacelab space laboratory	1978
19790085790	Data management and adjustment computation for topographic nets on a desk computer, in conversational mode	1978
19790085793	Interpolation in the digital model	1978
19790085795	Lithium cell storage optimization study	1978
19790085796	Tradeoff analysis on the use of rechargeable NiCd batteries vs disposable lithium batteries in REMBASS training environment	1978
19790085797	Mercury seeded with cesium as a working substance for studying the properties of MHD generators operating on the rankine cycle	1978
19790085800	The application of polarized radar aerial photography to geology	1978
19790085803	Concentration of natural atmospheric aerosols in air masses of different directions of transport	1978
19790085804	Calculation of thermal radiation of earth's atmosphere in case of an incomplete set of initial data	1978
19790085805	Impact of F-16 and KC-10A emissions upon stratospheric ozone	1978
19790085806	Development of instrumentation for in-situ soil measurements	1978
19790085807	Glow to the ionosphere under the influence of powerful radio wave	1978
19790085808	A method for determining the dispersed composition of aerosols	1978
19790085809	Chemical composition of atmospheric aerosols in certain regions of central Asia	1978
19790085810	Tell us about the weather, automation	1978
19790085818	Contrast vision in brightness illusions	1978
19790085820	Psychology and mathematics	1978
19790085823	A method for trapping highly dispersed aerosols	1978
19790085824	Crosstie memory development	1978
19790085825	Performance and cost integration in Automatic Data Processing Systems (ADPS) procurement	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085829	Device for the multiplication of two-dimensional functions	1978
19790085830	Adaptive Control and Learning Processes (ACALP)	1978
19790085833	Automated and automatic control systems, selected chapters, part 1	1978
19790085834	Automated and automatic control systems, selected chapters, part 2	1978
19790085835	Automated and automatic control systems, selected chapters, part 3	1978
19790085836	Operations research	1978
19790085837	Introduction to operations research	1978
19790085838	Possibilities of using liquid dischargers in high voltage nanosecond pulse circuit	1978
19790085839	Ultrasonic surface wave devices for processing signals	1978
19790085840	Laser-induced acoustic pulses in water	1978
19790085841	The reflection of an internal sound wave by a shock wave	1978
19790085842	Intensity, angular dependence and state of polarization of the spontaneous molecular scattered radiation	1978
19790085843	Manufacturing methods and technology FLIR cost reduction, phase 1 component test and evaluation	1978
19790085844	Atmospheric phase distortions	1978
19790085845	Method for recording the spectrum of optical radiation	1978
19790085849	Critical optics technology	1978
19790085850	Noise stability of optical systems of transmission with space sharing in the case of fluctuations of power of the transient noise	1978
19790085853	On alfa-particle heating of a thermonuclear plasma	1978
19790085854	Stabilization of the modulation instability of plasma and the theory of langmuir condensate	1978
19790085855	Kinetics of processes and the concentration of electrons in a dense plasma of gaseous mixtures of CO ₂ N ₂ He ₃ and CO ₂ N ₂ He-3-Xe created in a nuclear reactor	1978
19790085856	Formation and the role of T-layer in the process MHD-conversion of energy during interaction of lithium plasma with magnetic field	1978
19790085858	Power-law spectra of relativistic electrons in plasma with chaotic magnetic fields	1978
19790085859	Modulation instability and solutions in relativistic plasma	1978
19790085861	Cyclotron resonance in pure germanium during strong optical pumping	1978
19790085863	Methodological principles of the creation of the classifier of the unified data classification system	1978
19790085864	Basic development trends in the operation and utilization of data processing systems	1978
19790085865	Prototype vehicle for methanol drive system	1978
19790085866	The song of the solar wind	1978
19790085867	Aviation and cosmonautics (selected articles)	1978
19790085868	Aviation and cosmonautics (selected articles)	1978
19790085870	Comparison of air cushions using a jet with those using a plenum chamber	1978
19790085871	Harmonic oscillatory motion of the wing-conical body system in supersonic flow	1978
19790085872	Peculiarities of sphere in subsonic and supersonic flows	1978
19790085873	Aerodynamics, part 1	1978
19790085874	Aerodynamics, part 2	1978
19790085876	Investigation of body surface pressures on a 1/9-scale F-16A flow through inlet model at free-stream Mach numbers from 0.6 to 1	1978
19790085883	On systematic and random errors in determining the position of a vessel	1978
19790085884	Omega Argentina antenna system characteristics: Modification and validation tests. Volume 1: Report proper	1978
19790085885	Cosmic robot Delta	1978
19790085886	Low cost composite wing/fuselage manufacturing	1978
19790085891	YAV-8B wing stress analysis report, volume 1, revision A	1978
19790085892	Limited performance and flying qualities evaluation of an O-2A equipped with infrared countermeasures	1978
19790085893	Nonlinear lifting surface theory for yawed and banked wings in ground proximity	1978
19790085894	Evaluation of high-speed rescue hoist dynamics	1978
19790085895	Separation characteristics of the B-43, B-57, B-61, MK-84 LDGP, and the GBU-8/B stores from the F-16 aircraft at Mach numbers from 0.6 to 1.3	1978
19790085897	Potential control/display configurations for V/STOL terminal operations. Volume 1: Executive summary report	1978
19790085898	Potential control/display configurations for V/STOL terminal operations, volume 2	1978
19790085899	Potential control/display configurations for V/STOL terminal operations. Volume 3: Head-up display requirements	1978
19790085900	Internal bearing stabilized sighting unit (IBSSU)	1978
19790085904	Stabilization of flight vehicle by platformless inertial system	1978
19790085905	Control of technical condition of aircraft and helicopters	1978
19790085908	Retrieval of asteroidal materials	1978
19790085909	Historic meeting above the planet	1978
19790085910	Engineering handbook on space technology (selected pages)	1978
19790085922	Static force tests of a Sandia RV configuration at Mach numbers 3 through 10	1978
19790085924	Advanced Missile Aerodynamic Control (AMAC) study	1978
19790085925	A combinatorial geometry description of the patriot engagement	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085926	AIM-4F WSEM structural modification, addendum 1	1978
19790085931	High accuracy cruise missile terminal guidance system	1978
19790085932	French experiment ARCAD 3 on the Soviet satellite Spolokh	1978
19790085936	Concept validation of depth-aided target acquisition for the cruise missile	1978
19790085938	Pitch carbon nozzles	1978
19790085941	Simulated altitude performance of the Thiokol Corporation Titan 2 retro and vernier solid propellant rocket motors having ages of 151 to 190 months	1978
19790085945	MCIC Current Awareness Bulletin, issue no. 31	1978
19790085947	MCIC Current Awareness Bulletin, issue no. 32	1978
19790085949	Physics and chemistry of the treatment of materials (selected articles)	1978
19790085950	Satellite applications of metal-matrix composites	1978
19790085951	Satellite applications of metal-matrix composites	1978
19790085952	Satellite applications of metal-matrix composites	1978
19790085953	Fibrous composition materials	1978
19790085954	Composite material based on aluminum reinforced with wire made from steel UNS-9	1978
19790085955	Fabrication of fine weave pitch fiber preforms	1978
19790085956	Service/maintainability of advanced composite structures	1978
19790085957	Adsorption at low concentrations of acetylene and methane on activated carbon at 25 deg C	1978
19790085958	Theory of centrifugal sedimentation of finite size particles	1978
19790085959	Advanced manufacturing methods for high quality low cost titanium powder production	1978
19790085960	Forging and stamping (selected articles)	1978
19790085961	Investigation of the mechanical properties of tungsten wire	1978
19790085964	Titanium aluminides for elevated temperature applications	1978
19790085965	Forging technology based on superplasticity	1978
19790085966	Deformable heat-resistant titanium-based alloy VT25	1978
19790085967	The influence of electric-spark alloying on the stability of dimensions and the physical properties of the 40 K HNYu alloy	1978
19790085970	Elastomeric diaphragms	1978
19790085973	Description of creep and relaxation of polymers with consideration of the loading process	1978
19790085974	Refractory material	1978
19790085975	Polymeric bead coatings	1978
19790085976	Characteristics of the interaction of epoxide-novolac block-copolymer with high molecular polyamide	1978
19790085977	Low cost propellant development	1978
19790085980	Collection of materials on the results of scientific research activities of the aircraft construction department of TASHPI, selected articles	1978
19790086001	Translations on USSR science and technology: Physical sciences and technology	1978
19790086002	Subsurface radar	1978
19790086003	Nonparametric detection of signals	1978
19790086004	The decorrelation of returns from a subjacent surface in a moving radar	1978
19790086011	Some characteristics of radar reflections by the surface of the sea at angles of incidence close to vertical	1978
19790086012	Electron physical equipment(selected articles)	1978
19790086013	Focal-plane CCP for thermoelectrically-cooled detector array	1978
19790086014	Power ion and semiconductor devices, part 1	1978
19790086015	Power ion and semiconductor devices, part 2	1978
19790086023	The 90 GHz power tube technology study	1978
19790086028	Traveling wave tube oscillation suppression study	1978
19790086042	Gas dynamics of near trace, part 1	1978
19790086043	Heat-and mass transfer in the reacting turbulent boundary layer on a porous surface	1978
19790086044	Effect of modulating gravity force on twin-vortex convective motion of fluid in closed chamber	1978
19790086045	Intermittence in turbulent flow on a permeable plate during injection	1978
19790086046	High-temperature microcalorimeter with resistive sensitive element	1978
19790086048	Application of laser anemometry for measuring the velocity of a dust-air mixture	1978
19790086049	Parametric method for the reduction of laser penetration data via GENFIT/PENET	1978
19790086051	Fusion casting of alkaline-earth fluorides for high-power laser windows	1978
19790086052	Quantum electronics and laser spectroscopy, chapter 1	1978
19790086053	Kinetic studies of the degradation of kiton red S laser dye	1978
19790086055	Investigation of some problems of the weldability of aluminum alloys by an electron beam in weightlessness	1978
19790086056	Peculiarities of diffusion welding	1978
19790086057	Problems of reliability and accuracy of system for numerical programmed control of jig boring machine and economic effectiveness of introducing it	1978
19790086058	Increasing productivity during the drillings of heat-resistant and titanium alloys	1978
19790086059	Development of improved marine gas turbine airfoils using directional solidification	1978
19790086064	The problem of estimating the reliability of cutting tools	1978
19790086065	Handbook of instruments for non-destructive testing of materails and parts, part 2, chapters 10-13	1978
19790086066	The hull code finite difference solution to the equations of continuum mechanics	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086086	Photogrammetric method of comparison of aerial photography cameras	1978
19790086087	Works on satellite geodesy	1978
19790086088	Geodesy and aerial photography	1978
19790086095	Solar energy and its use	1978
19790086097	Upper atmosphere density data and models	1978
19790086098	Noise stability in the photometering of the results from the optical processing of seismic materials	1978
19790086099	The effect of a change in relative humidity on the electrical and structural characteristics of an aerosol	1978
19790086102	The principal of active operator distribution of functions between man and automated machine	1978
19790086105	Computers of the unified systems (selected portions), part 1	1978
19790086106	Computers of the unified systems (selected portions), part 2	1978
19790086107	The small computing system Videoton VT 1005	1978
19790086108	Get acquainted with system of automated planning	1978
19790086109	Progress in electronic computers	1978
19790086110	Methods of optimizing geometric processing of pictures by computer	1978
19790086111	Interactive graphics Orion model. Volume 2: Computer program documentation. Part 2: Appendices A and B	1978
19790086112	Acoustic device for measuring off-target distances, model 15. Volume 1: On-board equipment	1978
19790086113	Commutators of generators of relativistic electron beams	1978
19790086114	Proceedings of the Joint Meeting of the IRIS Specialty Groups on Infrared Detectors and Imaging, volume 1	1978
19790086116	A study of current and future technology FLIR performance in the European environment	1978
19790086120	Problems of optics of the atmosphere	1978
19790086121	Some two-dimensional of effects of supersonic flow of electroconductive gas in an MHD channel	1978
19790086122	The energy balance of a hydrogen arc in an axial magnetic field	1978
19790086123	Cultivation of shaped semiconductor single crystals, part 1	1978
19790086124	Cultivation of shaped semiconductor single crystals, part 2	1978
19790086128	A semiclassical approach to collisional ionization with application to the Ar-He system	1978
19790086129	On the question of using surface derived data in the analysis of the upper-air pressure field	1978
19790086130	Rate of information transmission along a digital channel without a memory in the presence of information feedback with noise	1978
19790086132	Multiwire proportional counter for use in X-ray astronomy	1978
19790086133	An assessment of near-earth asteroid resources	1978
19790086134	On the diameter and geometric albedo of Triton	1978
19790086135	Noble gases in meteoritic gas-rich minerals: Some implications for the formation of the solar system	1978
19790086136	Seismic structure of the lunar mantle	1978
19790086137	Flyby- and rendezvous-type comet missions from the standpoint of large-particle dust experiments	1978
19790086138	Carbon-14 in lunar soil and in meteorites	1978
19790086139	The Nature of Isostasy on the Moon: How Big a Pratt-fall for Airy Models?	1978
19790086140	Analysis of the 1930 A line of C I near the solar limb	1978
19790086156	Hot-wire, laser anemometer and force balance measurements of cross-sectional planes of single and interacting trailing vortices	1978
19790086158	Correlation of X-24B flight and wind tunnel pressure data	1978
19790086159	Documentation of a favorable interference concepts model static stability test at subsonic and transonic Mach numbers	1978
19790086160	Pressure and heat-transfer tests of the ABRV at Mach numbers 6 and 10	1978
19790086162	Flow field measurements over the simulated window of an endoatmospheric homing interceptor model at free-stream Mach number 8	1978
19790086163	Free-flight drag measurements for a sandia cone-fin configuration	1978
19790086169	OMEGA Argentina antenna system characteristics modification and validation tests. Volume 2: Data sheets	1978
19790086170	Space serves seamen	1978
19790086172	Omega North Dakota antenna system characteristics: Modification and validation tests, volume 1	1978
19790086173	Omega North Dakota antenna system characteristics: Modification and validation tests. Volume 2: Data sheets	1978
19790086174	Omega liberia antenna system characteristics, modification and validation tests. Volume 2: Data sheets	1978
19790086177	Initial operational test and evaluation of an/trn-38 tactical loran C/D ground chain	1978
19790086179	AFTI-15 predesign and preliminary development of DFCS and HAC, phase 1. Part 1: Executive summary	1978
19790086180	AFTI-15 predesign and preliminary development of DFCS and HAC, phase 1. Part 2, task 1: AFTI-15 predesign. Volume 1: Configuration analyses	1978
19790086181	AFTI-15 predesign and preliminary development of DFCS and HAC, phase 1. Part 2, task 1: AFTI-15 predesign. Volume 2: Selected configuration and manned simulation	1978
19790086182	AFTI-15 predesign and preliminary development of DFCS and HAC, phase 1. Part 2, task 1: AFTI-15 predesign. Volume 3, Appendix B, task 1: Simulation results. Appendix C, task 1: Control law development	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086183	AFTI-15 predesign and preliminary development of DFCS and HAC, phase 1. Part 2, task 1: AFTI-15 predesign. Volume 4, appendix D, task 1: Structural development	1978
19790086184	AFTI-15 predesign and preliminary development of DFCS and HAC, phase 1. Part 3, task 2: Preliminary development of digital flight control system	1978
19790086185	AFTI-15 predesign and preliminary development of DFCS and HAC, phase 1. Part 4, task 3: Preliminary development of high acceleration cockpit	1978
19790086193	The Air Combat Maneuvering Range Readiness Estimation System (ACMR RES). Volume 1: Project overview	1978
19790086194	The Air Combat Maneuvering Range Readiness Estimation System (ACMR RES). Volume 2: Analytic methodology summary	1978
19790086195	The Air Combat Maneuvering Range Readiness Estimation System (ACMR RES). Volume 3: Data edit and cumulation software	1978
19790086196	The Air Combat Maneuvering Range Readiness Estimation System (ACMR RES). Volume 4: Selected data retrieval and individual engagement analysis	1978
19790086197	The Air Combat Maneuvering Range Readiness Estimation System (ACMR RES). Volume 5: Stochastic analysis of ACM performance index	1978
19790086198	The Air Combat Maneuvering Range Readiness Estimation System (ACMR RES). Volume 6: Characterization of ACM maneuver conversion statistics	1978
19790086199	The Air Combat Maneuvering Range Readiness Estimation System (ACMR RES). Volume 7: Stochastic characterization of firing sequence	1978
19790086203	Navy product improvement program task 7707 (output shaft spline lubrication)	1978
19790086204	What is the motor singing	1978
19790086205	Compound cycle turbofan engine: Task 2 component design	1978
19790086213	Alternate Aircraft Take-off System (AATS). Concept/feasibility study, volume 1	1978
19790086214	NASA: Space processing of biological materials	1978
19790086219	Rocket cook-off improvement report	1978
19790086221	Static stability tests of the space shuttle orbited at Mach 14 in the NSWC hypervelocity tunnel (WTR 1310)	1978
19790086226	Rocket motor exhaust effects on model hydrodynamic forces	1978
19790086232	Physics and chemistry of the treatment of materials (selected articles)	1978
19790086233	Microstructural assessment of the series M 50mw RAMP materials	1978
19790086234	Manufacturing methods for cutting, machining and drilling composites. Volume 2: Tests and results	1978
19790086236	Development of silicon carbide aluminum material	1978
19790086237	Aerotherm graphite surface kinetics computer program (GASKET2). Version B. User's manual	1978
19790086240	Ballistic performance, shear band formation and mechanical behavior of thermo-mechanically processed ultra high carbon steel	1978
19790086242	Short term elevated temperature material test program	1978
19790086250	Decarbonization and its possibilities of calculation in the heat treatment of steels	1978
19790086252	X-ray investigation on the deformation of polycrystalline metals	1978
19790086256	Qualification testing of corrosion inhibitive sealants under MIL-S-81733B	1978
19790086260	Development of minimum smoke propellant, low hazards minimum smoke propellant and technology base	1978
19790086262	Reference book on physical-technical principles of cryogenics (chapter 15)	1978
19790086264	Propagation of submillimeter, infrared and optical waves in the Earth's atmosphere	1978
19790086265	Development of a technique for simultaneous voice and data communications via existing shipboard sound powered telephone cabling	1978
19790086269	Horizontally polarized dipole electromagnetic pulse simulator upgrade test program: Data reference	1978
19790086270	A study of wavelength mode excitation and propagation in a parallel plate transmission line	1978
19790086273	Elevated-mode propagation study	1978
19790086274	Definition of operational radar parameter tradeoffs	1978
19790086275	OTHR measurements at warf in support of ballistic missile defense	1978
19790086280	Use of RF coaxial cables for shaping and transmission elements of high voltage nanosecond pulse generators	1978
19790086281	Recommendations for millimeter-wave applications	1978
19790086282	Multiple Airborne Target Trajectory System (MATTS) reconfiguration	1978
19790086283	Ultra-fast tunable microwave filter	1978
19790086286	Low-noise field-effect transistors	1978
19790086288	Peak transformer	1978
19790086298	Project briefs	1978
19790086311	Development of improved plastic encapsulating materials for high reliability integrated circuits	1978
19790086316	The Advisory Group on Electron Devices	1978
19790086320	Manufacturing Methods and Technology (MM and T) measure for fabrication of silicon transcalent thyristor	1978
19790086332	Infrared heterodyne photodiode development and characterization	1978
19790086348	A study of phenomena associated with discreteness of discharge development in solid dielectrics	1978
19790086353	Experimental investigation of the behavior of vertical water-entry cavities	1978
19790086358	Photographic process with physical development on coated layers metal-semiconductors	1978
19790086359	Study for an integrated photographic laboratory control system. Volume 1: Executive summary	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086360	Study for an integrated photographic laboratory control system. Volume 2: Detailed report	1978
19790086361	Small lightweight airborne laser laboratory mirror fabrication	1978
19790086362	Laser digest, summer 1978	1978
19790086364	The continuously tunable dye laser	1978
19790086366	Laser scattering from particulate matter	1978
19790086368	Near infrared gas lasers	1978
19790086371	Advanced fire control algorithm development for HEL applications. Volume 1: Threat action plan	1978
19790086372	Investigation of efficient high power coherent laser generated pulse burst waveform	1978
19790086374	Device for measuring turbine blade vibrations	1978
19790086375	The (54) hydraulic - drive pump	1978
19790086376	Hypervelocity impact tests in support of the homing overlay experiment	1978
19790086384	Linear elastic fracture mechanics for a girth-butt welded cylinder with residual stresses	1978
19790086387	Determining the influence of the near-ground air layer in geodetic measurements	1978
19790086391	Thermochemical application of a solar heated fluidized bed	1978
19790086392	Determination of the functional part in the prediction of gravity anomalies	1978
19790086393	On the fluctuation of the length of day and its influence on gravity	1978
19790086394	Gravimetric research work at the Institute of Applied Geodesy	1978
19790086395	New concepts of residual gravity anomalies connectable with geological outcrops. Application of the method to the net observed by Woollard Malahoff in Spain	1978
19790086396	Report of the Meeting of the International Gravity Commission	1978
19790086397	Finding the Chandler period by comparison of the astronomically determined annual period of polar motion with that calculated from air-mass movements	1978
19790086398	A brief summary of verification results for the Spectral Ocean Wave Model (SOWM) by means of wave height measurements obtained by GEOS-3	1978
19790086400	Method of investigation of the tolerance of a pilot to in-flight acceleration	1978
19790086401	Vestibular reaction thresholds to coriolis accelerations and their relations to the tendency to kinesia	1978
19790086402	Rhythmic variations of the reaction time in man	1978
19790086404	Temporary standards: Radiation safety during space flights	1978
19790086408	Contribution to the study of differences between males and females on spatial perception	1978
19790086410	Computer technology forecast and weapon systems impact study (COMTEC-2000). Volume 1: Summary	1978
19790086411	Coherent optical computers, part 1	1978
19790086412	Coherent optical computers, part 2	1978
19790086413	Interface of buffer store with computer	1978
19790086414	Adaptive Control And Learning Processes (ACALP). Heuristic search algorithm implementation study	1978
19790086415	Adaptive Control And Learning Processes (ACALP). Combined ACALP algorithm definition	1978
19790086416	Transmission of information in automatic control system (selected chapters)	1978
19790086417	New possibilities of adaptive control	1978
19790086418	Adaptive Control And Learning Processes (ACALP) heuristic search test bed design, Revision 1	1978
19790086419	Direct recursive estimation of noise statistics	1978
19790086422	Collisions between composite particles at medium and high energies	1978
19790086423	Optimization of a radioisotope thermoelastic generator for electric power production on board satellites	1978
19790086425	Thermoelectrically cooled focal plane for non-scanning systems	1978
19790086426	The (54) device for the modeling of correlation functions of optical images	1978
19790086433	Fiber optic link improvement program	1978
19790086437	Liquid crystal display	1978
19790086439	Implementation of the NASA Interactive Planning System (NIPS) for use by the Air Force Office of Scientific Research	1978
19790086440	Advances in large area gas scintillation proportional counters for X-ray astronomy	1978
19790086441	On the brightness variations and surface structures of cometary nuclei	1978
19790086443	Carbon radical production in recent periodic comets	1978
19790086444	Energy and mass distributions of impact ejecta blankets on the moon and Mercury	1978
19790086445	Saturn's magnetic field: Evidence from optical observations	1978
19790086446	Independent research 1978	1978
19790086447	RADC accomplishments, fy 1978	1978
19790086504	Army Aviation Research and Development Command Laboratories	1978
19790086505	Airplanes were given wings to fly	1978
19790086509	Toward calculation of nonequilibrium supersonic condensing flows	1978
19790086510	Flow structure in a wind tunnel with a mechanical turbulator	1978
19790086511	Aerodynamic characteristics of airfoil profile systems	1978
19790086512	Theorems of uniqueness and existence of one boundary problem for hyperbolic equation of tricomi type	1978
19790086513	Supersonic unsteady flow of nonviscous gas over the leading edge of wings with detached shock wave	1978
19790086514	Starlike, nonconic bodies of least resistance in hypersonic gas flow	1978
19790086515	Lift of the low-aspect wing with frame	1978
19790086516	Scientific papers of TSAGI	1978
19790086517	Determining aerodynamic characteristics of arcs of arbitrary shape in potential fluid flow	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086518	Analytical results for the turbulent wake of ablating conical reentry body shapes, turbulent near wake phenomenology. Part 2: Near base velocity decay and asymmetric wake effects, turbulent near wake phenomenology (U)	1978
19790086520	Yak-42: Radio navigational and instrumentation equipment	1978
19790086525	NAVSTAR global positioning system errors in a frequency-selective fading nuclear environment (U)	1978
19790086527	Transform coefficient matching (U)	1978
19790086531	Yak-42: Performance features	1978
19790086532	Demonstration of advanced cargo restraint hardware for cod aircraft. Volume 2: Appendixes	1978
19790086533	USAF evaluation of the F-5E/F Peace Hawk 4 (Saudi) aircraft (DT and E phase), volume 1	1978
19790086534	On the lift amplification coefficient of ground-effect machines over a fixed point	1978
19790086535	Second generation helicopters: Safe, efficient, and reliable	1978
19790086538	Bomber defense missile GN and C/FC study	1978
19790086543	Measures of effectiveness for the F-14A in the maritime air superiority mission against the Soviet cruise missile threat (U)	1978
19790086545	Innovative strategic aircraft design study, phase 1 (U)	1978
19790086546	Innovative Strategic Aircraft Design Study (ISADS), phase 1 (U)	1978
19790086553	Mini-RPV integrated communication and navigation system. Volume 2: Appendix A through G (U)	1978
19790086554	Min-RPV integrated communication and navigation system, volume 1 (U)	1978
19790086558	Avionics/ECS CAD study. Volume 2: Computer program user's guide	1978
19790086559	Avionics/ECS CAD study. Volume 1: Facility design and life cycle cost study	1978
19790086560	Analytical studies for modular missionization system	1978
19790086562	E-4 Airborne Computer Requirements: Task 1 Report (U)	1978
19790086563	ECCM design analysis for strategic bomber defense avionics (U)	1978
19790086566	Ferrography and its application in the maintenance of aircraft propulsion systems	1978
19790086569	Gas turbines	1978
19790086570	Device for contactless study of the oscillatory motion of turbine rotor blades	1978
19790086571	Compound cycle turbofan engine phase 1 - Concept validation study, volume 2 (U)	1978
19790086572	Control at supersonic	1978
19790086573	Copper burn rate additives	1978
19790086575	The Yak-42 characteristics of the aerodynamics	1978
19790086579	Contemporary achievements of cosmonautics (accompanying text to a series of diapositives)	1978
19790086581	Thrust replica (T-REP) decoy program. Volume 2, section 3: Operational designs. Section 4: Flight payloads. Section 5: Ground test program. Section 6: References	1978
19790086582	Thrust replica (T-REP) decoy program. Volume 3, appendix A: Hamilton-Standard liquid-propellant thruster. Appendix B: Bell Aerospace liquid-propellant thruster. Appendix C: Thiokol solid-propellant thruster	1978
19790086585	Transition dynamics analysis of the TDV-1 reentry vehicle (U)	1978
19790086586	Re-entry systems program (U)	1978
19790086589	Laboratory in orbit	1978
19790086594	WEPH-SAT system models	1978
19790086595	Patriot system performance against higher powered stand-off jammer threats (U)	1978
19790086597	AIM-9L sidewinder. Follow on operational test and evaluation (U)	1978
19790086598	Endoatmospheric non-nuclear kill technology requirements and definition study, millimeter wave sensors. Volume 1: Executive summary (U)	1978
19790086603	Laser Maverick night attack system (U)	1978
19790086604	Exoatmospheric intercept geometry scale factors (U)	1978
19790086609	BMD technology requirements and issues. Volume 1: Boost defense (U)	1978
19790086610	Test summary and evaluation report, SAC Glory Trip 130M-2 SAMTEC operation 8310, LGM-30F operational test phase 2 program, launch number 35 (U)	1978
19790086613	BMD technology requirements and issues. Marv study support (U)	1978
19790086619	Unmanned Low-level Penetrator Versus Terminal SAM System (U)	1978
19790086621	New system construct interceptor. Phase 2: Key issue assessment (U)	1978
19790086625	Advanced technology cruise missile study. Volume 3: Addendum (U)	1978
19790086629	Investigations of new technologies in support of critical BMD functions (U)	1978
19790086633	HITECH interceptor technology performance requirements study (U)	1978
19790086639	Service life predictions for thermal loads using viscoelastic finite element simulation models	1978
19790086640	Composite materials with hyperplastic matrix	1978
19790086641	Physics and chemistry of treatment of materials (selected articles)	1978
19790086643	Graphite impermeable to aluminum	1978
19790086646	Theoretical studies on the gas-dynamic structure of flow in model combustion chambers	1978
19790086647	Calculating the self-similar areas where a supersonic jet and flame develop	1978
19790086648	Use of pulsed electrical discharges in strong electrolytes for intensification of mass exchange processes	1978
19790086649	Fatigue tests (GOST-2860-65)	1978
19790086650	Third All-Union Scientific-Technical Conference on Hot Molding in Powder Metallurgy	1978
19790086651	Development and study of the sintered alloys on titanium base	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086653	Treatment of refractory metals and alloys with pressure, part 1	1978
19790086654	Treatment of refractory metals and alloys with pressure, part 2	1978
19790086656	Experience gained in stamping parts from aluminum and magnesium alloys under isothermal conditions	1978
19790086658	Plastics: Selected articles	1978
19790086660	Chemical fibers, non-woven fabrics and special coatings	1978
19790086661	Regeneration of used lubricating oils through ultrafiltration	1978
19790086662	Glass: Another profession	1978
19790086663	Ceramic material	1978
19790086664	Stabilization of polymeric materials: One of the basic methods for raising their quality and durability	1978
19790086665	Plastics (selected articles)	1978
19790086666	Plastics (selected articles)	1978
19790086667	Method of control of deformation-strength properties of unoriented polymers during aging	1978
19790086668	Main trends in the application of polymers for the protection of the biosphere from contamination	1978
19790086669	Plastics (selected articles)	1978
19790086670	Evaluating the thermal stability of carbonates	1978
19790086672	Explosives research and development	1978
19790086673	Use of methanol as a fuel for internal combustion engines	1978
19790086676	Mechanism of the transition of burning of explosives for detonation	1978
19790086678	Gas equipment engineering corporation model J72078 low pressure liquid oxygen/nitrogen plant testing	1978
19790086679	Mathematical modeling of sheet metal formability indices and sheet metal forming processes	1978
19790086680	Second generation of inflatable structures	1978
19790086681	High performance hydrocarbonized concrete based on plastic waste materials	1978
19790086682	Some special features of the backscattering of SHF radio waves by the sea surface at glancing angles	1978
19790086683	Adaptive modem of short-wave marine radio communication system	1978
19790086684	Radar: Yesterday, today, tomorrow	1978
19790086685	Development and testing of modems of marine short-wave radio communication system	1978
19790086686	Surface acoustic wave convolver	1978
19790086687	Numerical simulation of a wideband short-wave communication system with noise-like signals	1978
19790086692	Optical electronic device for transmitting analog signals	1978
19790086693	Probability of short-wave radio communication at high latitudes	1978
19790086694	Measuring the polarization of atmospheric radio emission in the rain at a wavelength of 2.25 cm	1978
19790086697	Effect of surface contaminations of sea by oil-products on the characteristics of radar signals, reflected with small angles of slip	1978
19790086708	Application of adaptive array antennas to airborne voice and data link communications (U)	1978
19790086709	Airborne bistatic MTI radar system (U)	1978
19790086710	Investigation of signal-derived motion-compensation techniques (U)	1978
19790086711	Phase coherent demodulation of satellite links through a nuclear disturbed channel (U)	1978
19790086712	Microstrip phased array antenna UHF adaptive array, volume 2 (U)	1978
19790086723	High-voltage pulse generator	1978
19790086724	High-frequency pulse generator	1978
19790086725	Peak transformer	1978
19790086726	High-voltage oscillator-rectifier	1978
19790086753	Comments on theoretical aspects of the Litek lamp optimization study	1978
19790086759	Variable capacitance vacuum capacitor	1978
19790086760	Thyristor converters with an active oscillation switching circuit	1978
19790086762	Pulse liquid-metal switch for high current circuits	1978
19790086763	Electrical conductivity of an electrical discharge channel in water	1978
19790086764	Gas dynamics of near trace, part 2	1978
19790086765	Studies of the laminar flow and the transition to turbulence in porous tubes with uniform injection through the tube wall	1978
19790086766	Investigation of the aerodynamics of dispersion flows in cyclone devices	1978
19790086767	Numerical calculation of the stationary plane-parallel flows of ideal liquid and gas in the channels of complex configuration	1978
19790086768	Numerical solution of several problems of heat transfer during the flow of a viscous incompressible liquid	1978
19790086769	Local heat exchange in the initial thermal section of a plane-parallel channel during laminar flow in the boundary layer	1978
19790086770	The variation principle for three-dimensional gas-dynamic flows with the input of energy and mass in a Euler description	1978
19790086771	Calculating the isothermic turbulent boundary layer on a flat porous plate	1978
19790086773	The influence of the proximity of a wall on the readings of a hot-wire anemometer in a laminar and turbulent boundary layer	1978
19790086775	Gas-dynamic method of heating a gas by shock waves in a dead-end channel	1978
19790086777	Bernoulli equation: A particular case of the energy equation	1978
19790086778	Measuring the coordinates of objects on photo images by coherent optics methods	1978
19790086779	Determination of the parameters of the shutter of the AFU-75 satellite camera	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086780	Synthesis of kinoforms in the real time scale	1978
19790086781	Operational matching of holographic recognition systems in real time scale	1978
19790086784	HEL instrumentation van description and UNFTP operations	1978
19790086785	The seven colors of the laser	1978
19790086787	Experimental investigation of the thermal chacteristics of cloudy atmosphere in the zone of influence of a CO ₂ laser	1978
19790086790	Visible laser research program and efficient electron beam generation and transmission	1978
19790086794	A diamond tool for drilling hard nonmetallic materials	1978
19790086795	Presses for powder metallurgy	1978
19790086797	Development of an adiabatic diesel engine	1978
19790086798	Study of cutting properties of drills when drilling steels	1978
19790086799	Materials processing physics and chemistry (selected articles)	1978
19790086801	Diesel-generator vulnerability tests (U)	1978
19790086802	Holographic method of nondestructive testing of parts	1978
19790086803	Ultrasonic flaw detector	1978
19790086804	Experimental determination of the vibratory characteristics of structures	1978
19790086805	Low-cycle fatigue of structural alloys with cyclically contrasting properties	1978
19790086806	The inertial loads, acting on the component elements of six-element three-dimensional mechanism with rotating pairs	1978
19790086807	Study of supercritical deformations of thin anisotropic shells, 3	1978
19790086809	Principles in the operative planning of geodetical and cartographical works conducted by the CUGK	1978
19790086810	Multizonal photography from space	1978
19790086811	The problem of the utilization of satellite measurements in astrogeodetic networks	1978
19790086813	Heat and power engineering	1978
19790086814	Thermal analysis of thermal battery pyrotechnic heat source reaction	1978
19790086816	Wind as a source of energy	1978
19790086817	Solar energy research at the French Atomic Energy Commission	1978
19790086818	Microwave remote indication of surface contamination of sea	1978
19790086819	Optimum estimation of distribution parameters of aerosol particles by size based on optical measurements	1978
19790086820	On regularization of solution for an inverse problem of ocean radio-and-heat location	1978
19790086821	Study of the process of fracturing a layer of ice	1978
19790086822	Determining the concentration by weight of atmospheric aerosols and the content of solutes in them	1978
19790086826	The pole and the weather forecasters	1978
19790086827	Frequency distributions of wind velocity up to a height of 250 M for the Federal Republic of Germany	1978
19790086828	Methods for detecting storm zones in the ocean by means of remote measurements of the radio-thermal radiation	1978
19790086829	Stable solution of an inverse problem of radio-thermal location of the ocean	1978
19790086830	Biophysics branch Branch	1978
19790086831	Study of the variation in metabolic response to acoustic stimuli	1978
19790086832	Change in the circadian rhythm of temperature and performance after two transatlantic flights in rapid succession	1978
19790086833	Investigation of the piloting efficiency of pilots during simulation of motion sickness	1978
19790086834	Minimum crews on transport aircraft: Methods and current technology for the measuring of job stress of flight crews	1978
19790086835	Space suits	1978
19790086836	Computer technology forecast and weapon system impact study (COMTEC-2000). Volume 2: Technical data	1978
19790086842	The statistical aspect of data integration under conditions of an automated data bank of the automated state statistical system	1978
19790086844	Computer hardware	1978
19790086845	System of remote collective use of the BESM-6 computer	1978
19790086848	Information processing on the basis of functional optrons	1978
19790086850	System of vocal input of information into an M-222 computer	1978
19790086851	Introducing: The automatic design system	1978
19790086852	Adaptive Control and Learning Processes (ACALP). Heuristic search algorithm design	1978
19790086853	System of adaptive control of modes of machining of nonrigid parts of instruments of precision mechanics	1978
19790086856	Partial wave decomposition of the Glauber amplitude for the elastic scattering of structureless charged particles by atomic hydrogen	1978
19790086857	Development of beam weapons in the USSR and the USA	1978
19790086859	Exoparticle beam technology requirements (U)	1978
19790086866	System of diagnosing pulsed infrared radiation	1978
19790086867	On one method to increase the sensitivity of the Photoconductor modulating medium system	1978
19790086869	Deciphering of images in coherent-optical systems using contour standards	1978
19790086870	Theory of conducting gratings, and their applications to optics	1978
19790086871	The optics of light guides, part 1	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086872	The optics of light guides, part 2	1978
19790086876	Wide Angle Optics (WAO) study (U)	1978
19790086880	Possibility of obtaining extremely intense shock waves during electrodynamic plasma acceleration	1978
19790086881	The plasma focus	1978
19790086882	Gas-dynamic discharge source of radiation	1978
19790086883	Study of the pressure build-up of a stationary magnetic field-stabilized helium discharge by means of magnetic measurements	1978
19790086884	The work of liquid crystals	1978
19790086885	The magic crystal	1978
19790086886	Properties of alloyed semiconductors (selected articles)	1978
19790086889	The scientific-technical information service in totographic-geodetic and cartographic production	1978
19790086892	Near absolute zero. The operation of a unique telescope has begun on board the Salyut-6	1978
19790086893	Radio telescopes: Submillimeter and X-ray telescopes (selected articles)	1978
19790086896	Atlas of the far side of the moon, part 3 (selected portions)	1978
19790086897	Earth shield of the crew	1978
19790086898	List of abstracts of various reports published by the Swedish Defense Research Agency	1978
19790086901	Aerodynamic properties of the modern jet fighter with variable wing seep	1978
19790086905	OMEGA Liberia antenna system characteristics: Modification and validation tests, volume 1	1978
19790086909	Phase correlation for terminal homing (U)	1978
19790086916	Opinions of Navy and Marine Corps pilots on aircraft gun systems	1978
19790086922	BGM-34C 10T and E (U)	1978
19790086925	Harassment weapon system: Performance requirements and operational effectiveness study (U)	1978
19790086930	Compound cycle turbofan engine. Phase 1: Concept validation study executive summary (U)	1978
19790086931	Longitudinal control of an aircraft combined with direct lift control	1978
19790086933	Performance technology program-G. Volume 6: A parametric study of boundary layer trip heights to induce transition on Mk 12A R/V	1978
19790086944	Metal matrix materials composites for Naval systems	1978
19790086945	Statistical characteristics of diameters of pitch-based carbon-fibers, VSB-32-0	1978
19790086946	Fine-weave carbon/carbon composites. Part 2: Pan-based fiber reinforced composites	1978
19790086947	Characterization of carbon black adsorbates and artifacts formed during extraction	1978
19790086948	Photochemical synthesis of ATP: Protomembranes and protometabolism	1978
19790086949	The volume adsorption capacity of activated carbon at 25 deg C for 100 ppm acetylene, methane methanol, and toluene	1978
19790086950	Study of intermetallic compounds	1978
19790086951	Metallographic and fractographic observations of posttest creep-fatigue specimens of weld-deposited type 308 CBE stainless steel	1978
19790086955	Analysis of adsorbed species of commercial polymeric carbons	1978
19790086956	Analysis of adsorption properties and adsorbed species on commercial polymeric carbons	1978
19790086957	Kinetic aspects of study of the aging processes and stabilization of polymers	1978
19790086963	Test loading AN/TSM automated electromagnetic compatibility measurement system	1978
19790086964	Means of identifying object images	1978
19790086965	Transmission of additional information by the method of time multiplexing of a television signal	1978
19790086973	Backdoor counter-countermeasures, air-to-surface weapons (U)	1978
19790086978	SCID: A spectral/cepstral radar target identification technique (U)	1978
19790086983	DSCS ECCM network control concepts (U)	1978
19790086985	High altitude electromagnetic pulse circuit damage assessment, AN/FSC-78(V) satellite communications terminal and AN/USC-28(V) spread spectrum modem. Volume 2: AN/USC-28(V) assessment (U)	1978
19790086988	Naval self-defense radar ECCM, volume 1 (U)	1978
19790086989	ECM/ECCM evaluation program. Volume 3: Development studies (U)	1978
19790086996	High Energy Laser Radar Acquisition and Tracking System (HELATS) design definitions study. Volume 3: Software, installation, and support (U)	1978
19790086999	Satellite illuminator multistatic radar study. Volume 2: Technical analysis (U)	1978
19790087000	Multistatic radar study, phase 2 (U)	1978
19790087001	Endo-homing millimeter wave sensor technology (U)	1978
19790087002	Conformal antenna development program (U)	1978
19790087005	Satellite illuminator multistatic radar study. Volume 1: Executive summary (U)	1978
19790087006	SLFCS PCL performance evaluation (U)	1978
19790087007	Hardened alternative means of communication (U)	1978
19790087013	Technical electronics (chapter 5)	1978
19790087017	Circuit malfunction analysis on microelectronic circuits, transistor-transistor logic, flat, metal	1978
19790087031	The outlook in modern microelectronics	1978
19790087032	X-band bipolar transistor investigation	1978
19790087035	High-power V-band amplifier	1978
19790087043	Statistical tests of solid dielectrics in a pulsed emission condition	1978
19790087046	HAVE NAME program summary briefing (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087047	Low band dual mode TWT (U)	1978
19790087051	Analysis of mass exchange processes in two-phase flow, obtained by pressure atomization of liquid	1978
19790087052	Dynamic response of circular tubes subjected to liquid cross flow	1978
19790087056	Spectral imaging sensor (U)	1978
19790087057	Molecular collisions in a multimode laser field: Computational study of the effect of time variation in the laser intensity	1978
19790087060	Phase compensation for multiple-pulse thermal blooming: Laboratory experiment (U)	1978
19790087061	Adaptive optics feasibility study (U)	1978
19790087062	High energy laser technology applications study. Volume 1: Executive summary (U)	1978
19790087064	High Energy Laser Radar Acquisition and Tracking System (HELRATS) design definitions study. Volume 2: Hardware (U)	1978
19790087065	High Energy Laser Radar Acquisition and Tracking System (HELRATS) design definitions study. Volume 1: Analysis (U)	1978
19790087066	AFWL technical objective number 2 advanced radiation technology, fiscal year 1980 (U)	1978
19790087068	Low-energy laser R and D investment strategy for DOD applications in ranging, designation, and illumination (U)	1978
19790087069	Space laser test program definition and study (U)	1978
19790087072	The use of welding to repair objects in space	1978
19790087073	Quanta (of energy) instead of a cutter	1978
19790087077	Ultrasonic scanner for stainless steel weld inspections	1978
19790087081	Geodetic and cartographic annual review (selected articles)	1978
19790087086	Energy: The political dimension	1978
19790087088	The low-frequency cutoffs of non-thermal continuum radiation: Comments of Source of terrestrial Non-thermal Radiation by D. Jones	1978
19790087089	Effect of lunisolar attraction of gravimetric measurements graphs for the year 1978	1978
19790087090	Data reduction programs for MSMP	1978
19790087092	Experimental investigation of process of fog clearing by radiation of CO ₂ -laser	1978
19790087094	The evolutionary origin of enzyme control mechanisms: Antiglioxylase-1	1978
19790087095	Evaluation of mental stress in operators under simulated conditions	1978
19790087096	Man in the system of controlling flying apparatus (selected chapters)	1978
19790087098	YeS-1035 electronic computer	1978
19790087099	Advanced data processing concepts, volume 2 (U)	1978
19790087102	Normal modes in a pair of ocean acoustic ducts	1978
19790087103	Generation and reception of phase-manipulated ultrasonic oscillations	1978
19790087105	A quantum-mechanical method for calculating level widths and shifts, applicable to type 1 unimolecular predissociation	1978
19790087106	Statistical equilibria of nonlinear continuum Mechanics	1978
19790087111	The 8 - 12 micrometer radiometric imagery from the unified navy field test program (U)	1978
19790087114	Endoatmospheric optical homing sensor technology (U)	1978
19790087116	Wide Angle Optics (WAO) study, phase 3 (u)	1978
19790087118	Spectral imaging sensor, appendix A (U)	1978
19790087119	Passive sensor technology requirements program (U)	1978
19790087121	Archives of Thermodynamics and Combustion (selected articles)	1978
19790087122	Extended bandwidth X-ray observations of Cygnus X-1	1978
19790087123	An assessment of crustal thickness variations on the lunar near side: Models, uncertainties, and implications for crustal differentiation	1978
19790087124	High-dispersion spectroscopic observations of Venus near superior conjunction. 3: The carbon dioxide band at 8689 angstrom	1978
19790087125	High resolution spectrograms of ion-acoustic waves in the solar wind	1978
19790087205	At-sea exploratory tests for the Elevated Tethered Platform (ETP) concept	1978
19790087210	Investigation of methods for recovery of remotely-piloted vehicles aboard hydrofoil ships	1978
19790087219	AFTI-111/Grumman predesign. Part 1: Program summary	1978
19790087220	AFTI-111/Grumman predesign. Part 3: Flight control investigations	1978
19790087221	AFTI-111/Grumman predesign. Part 4: Structures investigation	1978
19790087228	Experimental installation of visual display in helicopters	1978
19790087234	New type of surging sensor for a vane compressor	1978
19790087247	Aerodynamics of sounding rockets	1978
19790087248	Advanced development of satellite materials hardening (SMATH-2). Volume 6: Laser testing	1978
19790087249	Feasibility study for application of modular guidance and control units to existing ICM projectiles	1978
19790087276	Spectral fine structure of hydrocarbon plume radiation in the 4.5 to 5.5-micrometer region	1978
19790087282	A description of history dependent plastic flow behavior of anisotropic metals	1978
19790087284	Quantitative models of hydrogen embrittlement in high strength steel	1978
19790087286	Acceptance criteria for aerospace structural adhesives	1978
19790087323	ONR/AFOSR Workshop on Deflagration-to-Detonation transition	1978
19790087324	Introductory comments on transition from deflagration to detonation	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087325	The inadvertent detonation of large solid motors loaded with high energy propellants	1978
19790087326	dynamic failure in heterogeneous solids	1978
19790087327	Mechanical behavior of solid propellant	1978
19790087328	Mechanisms of fracture initiation and growth in elastomers	1978
19790087329	Numerical capabilities in fracture mechanics	1978
19790087330	Experiments on critical stress intensity factors resulting from stress wave loading	1978
19790087331	Self deflagration of heterogeneous solids	1978
19790087332	Propellant burning rates	1978
19790087333	The burning rates of damaged high energy solid propellants	1978
19790087334	Convective burning in solid-propellant cracks	1978
19790087335	Onset and development of convective combustion	1978
19790087336	Analysis of burning in gas permeable reactive beds	1978
19790087337	Criteria for ignition of solid propellants	1978
19790087338	Modeling the DDT process	1978
19790087339	A synopsis of mathematical modeling to study DDT in granulated energetic solids	1978
19790087340	Introduction to the panel on transition to detonation	1978
19790087341	DDT of secondary explosives and propellants	1978
19790087342	Experimental techniques and results for propellants and explosives	1978
19790087343	Shock wave formation during accelerated deflagration	1978
19790087344	Shock initiation of explosives	1978
19790087345	Steady states and transitions in energetic media	1978
19790087358	Pyrophoric parameter improvement (U)	1978
19790087360	Selection criterion in the directivity control system of complex receiver antennae	1978
19790087366	Automated system adaptation techniques for tactical target recognition in non-cooperative environments	1978
19790087367	Television system susceptibility investigation (U)	1978
19790087381	Electrostatic discharge (ESD) damages integrated circuits and discrete semiconductor devices	1978
19790087385	Integrated circuit, 2048 bit programmable read only memory, 3-state outputs	1978
19790087389	Load commutated inverter/synchronous motor drive without a shaft position sensor	1978
19790087390	Vertical channel field controlled thyristor with high gain and fast switching speed	1978
19790087391	Transistor, NPN, silicon, switch and general purpose	1978
19790087401	Method of switching the current of an inductive load from one group of rectifiers to another	1978
19790087404	Reliability Verification Test (RNT), Microelectronic circuits, delay, monostable multivibrator, dual-in-line	1978
19790087430	Variable high voltage capacitor	1978
19790087431	Integrated circuit, CMOS, 12-bit multiplying digital-to-analog converter	1978
19790087433	Cellulose filters for hydraulic systems	1978
19790087435	Panel, edge-lighted, plastic	1978
19790087448	Coupling, flexible on mechanical assemblies, coupling, transmission	1978
19790087449	Improved mixture formation and combustion in rotary piston engines	1978
19790087450	Stitch welding, electrical interconnection	1978
19790087475	Cost analysis and optimization study for solar heating and cooling systems, Stillwater, Minnesota and Newcastle, Pennsylvania	1978
19790087478	Current systems in magnetospheric and ionospheric disturbances	1978
19790087497	On stability theory	1978
19790087525	Point coulomb scattering in electron-H (1s) excited elastic scattering	1978
19790087552	Feasibility study of using a low cost aircraft as an ACM (Air Combat Maneuvering) trainer	1978
19790087566	Linear Linkless Ammunition Feed System (LLAFS) cost-to-produce estimate	1978
19790087569	The past achievements and future prospects of aero engine turbomachinery research	1978
19790087583	Alternate Aircraft Take-off System (AATS) - concept/feasibility study	1978
19790087585	Beluga aerial cassette bomb	1978
19790087586	Advanced 30mm rocket assisted projectile development	1978
19790087593	HELLFIRE/A-10 phase 2 study. Volume 1: Executive summary	1978
19790087604	The 1978 JANNAF Propulsion Meeting, Volume 2	1978
19790087605	Advanced motor cases	1978
19790087606	Pilot plant for NF chemicals	1978
19790087607	Age stabilization of FEFO propellants	1978
19790087608	Hazard assessment for solid propulsion systems	1978
19790087609	MX third stage motor advanced development program overview	1978
19790087610	Prediction of rocket exhaust secondary smoke formation in free jets and smoke chambers	1978
19790087611	Pre-production motor service life demonstration: A promising method	1978
19790087612	Control of solids distribution 5: Effects of solids size distribution and type on burn rate/pressure sensitivity	1978
19790087613	ALIYE 12- inch motor	1978
19790087614	The Top 20 theory: a new view of the relationship between propellant mechanical properties and polymer characteristics	1978
19790087615	Applications of combustion technology in solid propellant motor development programs	1978
19790087616	Chemical control of propellant combustion	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087617	Low cost technology for tactical rocket motors	1978
19790087618	Application of low cost ingredients to solid composite propellants	1978
19790087619	Rapid ignition of granular propellant beds with a hotline igniter	1978
19790087620	Erosivity of a nitramine propellant	1978
19790087621	Energetic propellant ingredients	1978
19790087622	Progress in the development of small, low cost turbojet engines	1978
19790087623	A Venting stress relieving liner for Ramjet combustors	1978
19790087624	Grain retention systems for integral Ramjet booster	1978
19790087625	Evaluation of various carbon fibers in Dow Corning 93-104 ablative	1978
19790087626	High-density carbon/carbon and nozzle survivability in long-burn-time solid motors	1978
19790087627	Evaluation of the Walter Kidde 1335 Nt (300 lbf) monopropellant thruster	1978
19790087628	Fracture Mechanics Design Data for Forged Ti-6Al-4V STA Titanium Alloy Tanks Containing Liquid Fluorine	1978
19790087629	Space shuttle OMS propellant acquisition system	1978
19790087630	Low Density Insulation Development	1978
19790087631	Continuous Mode Propulsion: AN Extension of Mixed Mode Optimization	1978
19790087632	Low cost RPV design features and structural verification test	1978
19790087635	Metal coating for textile fibers	1978
19790087638	Built-up Low Cost Advanced Titanium Structures (BLATS). Low cost structural concept development report	1978
19790087644	Enka Glanzstoff develops an aromatic polyamide fiber	1978
19790087665	The 1978 JANNAP Propulsion Meeting, volume 5	1978
19790087666	Ballistic determination and characteristics of solid propellants at high pressures	1978
19790087667	Development of low hazards minimum smoke propellant	1978
19790087668	Development of a low hazard, minimum smoke propellant	1978
19790087669	Development of pitch fiber 3D C/C rocket nozzles	1978
19790087670	MX ADP lower stage nozzle development status	1978
19790087671	The 92 inch diameter motor test	1978
19790087672	Solid rocket motor tradeoff methodology development: An interim report	1978
19790087673	Demonstration of mass production techniques for small rocket motor cases	1978
19790087674	Explosive hazards of air-launched propulsion systems	1978
19790087675	Strip Laminated free flight rocket motor	1978
19790087676	High temperature material investigation	1978
19790087677	Vought and Navy sponsored low cost ramjet propulsion program	1978
19790087678	Instrumentation for combustion instability measurement	1978
19790087679	Effect of propellant type on steel erosion	1978
19790087680	Space shuttle solid rocket motor nozzle	1978
19790087681	Standard Molded Composite Rocket Pyrogen Igniter	1978
19790087682	Carbon/carbon material application to solid rocket motor nozzles	1978
19790087683	Hydrazine/materials compatibility study, adiabatic compression tests	1978
19790087684	Injection molding of HTPB propellant	1978
19790087685	Evaluation of carbon-carbon composites for rocket nozzle entrance throat uses: The alcorn program	1978
19790087686	A study of rocket-propelled stand-off missiles	1978
19790087687	Comparative performance assessment of carbon-carbon composites for rocket nozzles	1978
19790087688	The 1978 JANNAP Propulsion Meeting, addendum bulletin, contents and indexes	1978
19790087693	Hydrogen as energy source for automotive vehicles	1978
19790087698	Vuillemier (VM) cooler compressor/linear drive	1978
19790087699	Vertical plane motions response of an SES-100B model	1978
19790087703	Low cost packet radio study	1978
19790087705	Enhancement of processing gain by selection of acceptance parameters applied to detection of signals buried in noise	1978
19790087706	Interpreting pulsed spectra on the spectrum analyzer and the transient digitizer	1978
19790087708	Packet radio experimental network	1978
19790087709	Packet radio experimental network	1978
19790087731	Resolver assembly, electrical, dual speed, resolver transmitter	1978
19790087733	Integrated circuits, PMOS, eight channel double sample and hold, electrostatic sensitive, class 1	1978
19790087734	Integrated circuit, quad, MOS, N-channel enhancement, electrostatic sensitive, class 1	1978
19790087736	Resistor, chip, fixed, thick film, passivated	1978
19790087737	Reliability verification test, RF filter connectors, mated pair	1978
19790087739	Qualification test report, destruct acceleration switch, ignition interlocks	1978
19790087740	Qualification test report, coaxial cable destruct antenna	1978
19790087744	Reliability verification test, diode, bridge rectifier	1978
19790087746	RFI filter, feed through	1978
19790087747	Integrated circuit, dual 4 expandable input DTL nand/nor buffer	1978
19790087748	Integrated, circuit, triple gate, DTL, NAND/NOR gate	1978
19790087749	Crystal unit, quartz	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087753	Integrated circuit, temperature transducer	1978
19790087754	Transistor, NPN, silicon, high speed saturated switch, dual	1978
19790087755	Transistor, silicon, PNP, medium power	1978
19790087759	On the diffusion processes at the contacts between thin tellurium layers and different metals	1978
19790087765	Design of an experimental superconductor solenoid with energy storage on the order of 1 MJ	1978
19790087780	Integrated circuit, PROM 512 x 8	1978
19790087782	Integrated circuit, hybrid, converter, analog to digital	1978
19790087787	SEM quality assurance activity test report, isolation module	1978
19790087788	Reliability verification test report, transistor, PNP, switching	1978
19790087806	How to make a gaser	1978
19790087811	Relief valve, hot gas, MIS 19264	1978
19790087812	Valve assembly, air check	1978
19790087813	Value, hydraulic with sensor	1978
19790087819	Stress distribution near cracks in plates and shells	1978
19790087821	Investigator of the UTP-2 all-purpose topographic projector	1978
19790087826	Gravity data evaluation analysis and the phase-zero definition of the physical geodesy system	1978
19790087828	Military Medical Journal, No. 8, 1978	1978
19790087829	Preflight medical examination of the flight crew	1978
19790087830	Substantiation of some of the physiological criteria for professional selection of divers and caisson workers	1978
19790087839	A geometric derivation of the Kalman filter equations	1978
19790087840	Atomic photoionization	1978
19790087844	Impurity states in cobalt-doped silicon	1978
19790087847	Ultrahigh energy neutrinos from galactic neutron stars	1978
19790087888	Wing/fuselage critical component preliminary design, Northrop	1978
19790087898	Risk assessment update of stinger-post engineering development program	1978
19790087900	Investigation of an air-to-air missile using ducted rocket technology. Volume 2: Appendices. Design study	1978
19790087904	Proceedings of the Annual Free Flight Rocket Workshop, 3d	1978
19790087928	Composite material based on magnesium alloy	1978
19790087929	Fiber composite material for high-temperature coatings	1978
19790087930	Corrosion behavior of unalloyed and low-alloys steels under the effect of industrial pollutions in the atmosphere	1978
19790087931	Clad multilayer metals	1978
19790087932	Built-up Low-cost Advanced Titanium structures blats; Low cost concept development	1978
19790087933	Potential optimization of methods of selecting heat-treatable structural steels by computing steel hardenability and heat-treatability	1978
19790087936	Testing of paints, varnishes, and similar products. Determination of flow time using the Din 4 viscosity cup	1978
19790087940	Bulletin of the Ninth JANNAF Propellant Characterization Meeting	1978
19790087941	Modern methods for the analysis of propellants	1978
19790087942	Molecular weight and unsaturation values of hydroxyl terminated polybutadienes by nuclear magnetic resonance	1978
19790087943	Fourier transform-infrared spectroscopy analysis of a urethane binder propellant	1978
19790087944	Rapid determination of nitrogen content in ball propellant	1978
19790087945	Evaluation of the chemical stability of aged propellants by the NEP technique	1978
19790087946	Titrimetry is alive and well at LLL	1978
19790087947	An improved microscopic method for the determination of dimensions of granular propellants	1978
19790087948	Determination of hydroxylammonium and hydrazinium salts by reduction with silver salts	1978
19790087953	Design, fabrication and demonstration of a miniature precision detonator	1978
19790087959	Time resolution of electron-optical converters and problems of decrease of redundancy in the optical systems	1978
19790087961	Low radar cross section advanced composite engine inlet movable ramp. Volume 1: Program summary and technical discussion	1978
19790087962	Low radar cross section advanced composite engine inlet movable ramp. Volume 2: Appendices A through I: Material properties tests, Rohr Corporation, subcomponent and static tests	1978
19790087965	Low cost packet radio design study	1978
19790087966	Hybrid on-aircraft pattern effects study	1978
19790087972	High power amplifier brassboard	1978
19790087985	Integrated circuit, hybrid, control	1978
19790087987	Integrated circuit, hybrid, synchro reference generator	1978
19790087988	Integrated circuit, hybrid, synchro, bite	1978
19790087989	Integrated circuit, hybrid, transmitter-receiver	1978
19790087995	Qualification test report, cable, initiation, first stage conduit	1978
19790088009	Transistor, PNP, silicon, high voltage	1978
19790088012	Manufacturing technology for dual-mode TWT	1978
19790088014	Dual frequency Satcom high power amplifier OW-88(XA-1)1ASC-28	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790088016	Test methods for semiconductor devices	1978
19790088018	Integrated circuit, voltage regulator	1978
19790088027	Measurements of residual defects and L/F noise in ion-implanted P-channel mosfet's	1978
19790088030	Integrated circuit, quad, operational amplifier	1978
19790088032	Lot acceptance data: Hex inverter buffer	1978
19790088038	Device for powering high current pulse accelerators	1978
19790088039	Blast wave propagation and attenuation in galleries	1978
19790088042	Temperature control of electronics using thermoelectric refrigeration with free convection and radiation heat transfer	1978
19790088043	Determining the parameters of a rotary disk shutter of an AFU-75 satellite camera	1978
19790088055	Acousto-elastic fastener preload indicator	1978
19790088056	Diesel component technology: Variable Area Turbocharger (VAT), differential compounding (DC)	1978
19790088058	Crack initiation and growth under fully plastic conditions: A methodology for plastic fracture	1978
19790088064	TOPOMAT: A new fully automatic photogrammetric interpreting system of the VEB Carl Zeiss Tena	1978
19790088067	DMAAC technical translations list	1978
19790088071	Toshiba solar house	1978
19790088072	Solar energy	1978
19790088073	Solar-generated electric power	1978
19790088074	Plastic materials for exploitation of solar energy	1978
19790088075	Practical utilization of solar energy	1978
19790088078	Microwave cavity gravitational radiation detectors	1978
19790088079	Techniques and principles for mapping of integrated radon emanation within the earth	1978
19790088093	Address modification image technology program. Volume 2: Experimental results	1978
19790088096	Radiation effects in quartz	1978
19790088099	Solar terrestrial programs: A five-year plan	1978
19790088101	Positions of galactic X-ray sources. 4: Three X-ray burst sources	1978
19800002352	The First Small Power System Experiment, Phase 1: Engineering Experiment No. 1	1978
19800002967	Effects of impurities on the weldability of electroformed nickel	1978
19800004040	Electric power generation and LNG evaporation with the aid of gas turbines within a closed-cycle process	1978
19800004352	Effects of energy policy on industry	1978
19800004411	Laboratory investigations of cloud forming nuclei and aerosol particles from unpressurized burns of space shuttle propellant	1978
19800005667	Anti-Stokes emission as a VUV and soft X-ray source	1978
19800008147	Verification procedures for the SEASAT measurements of the vector wind with the SASS	1978
19800009007	Isolation Mounts for the HEAO-B X-Ray Telescope	1978
19800011513	Project FIRES - Firefighters Integrated Response Equipment System. Volume 1: Program overview and summary, phase 1A	1978
19800011514	Project FIRES - Firefighters Integrated Response Equipment System. Volume 2: Protective Ensemble Performance Standards Goals for Firefighter Protection, Phase 1A	1978
19800011515	Project FIRES - Firefighters Integrated Response Equipment System. Volume 3: Test and Evaluation Report, Phase 1A	1978
19800011516	Project FIRES - Firefighters Integrated Response Equipment System. Volume 4: Technology Demonstration Ensemble, Phase 1A	1978
19800011517	Project FIRES - Firefighters Integrated Response Equipment System. Volume 5: Prototype protective ensemble data package, phase 1A	1978
19800070093	Automotive Stirling engine development program	1978
19800070348	Space Shuttle Hydraulic Systems Assessment	1978
19800070581	An absorption coefficient instrument for water: Concept, fabrication, calibration	1978
19800070788	Review and interpretation of recent cosmic ray beryllium isotope measurements	1978
19800071533	Shuttle systems weight and performance	1978
19800071534	Shuttle systems weight and performance	1978
19800071535	Shuttle systems weight and performance	1978
19800071536	Shuttle systems weight and performance	1978
19800071537	Shuttle systems weight and performance	1978
19800071538	Shuttle systems weight and performance	1978
19800071539	Shuttle systems weight and performance	1978
19800071540	Shuttle systems weight and performance	1978
19800071972	Results of the skin thermocouple tests conducted in the NASA/ARC 3.5 foot hypersonic wind tunnel to determine heat transfer rates on a .0275 scale SSV ET forebody (FH16)	1978
19800072730	The unsteady response of an axial flow turbomachinery rotor to inlet flow distortions	1978
19800072794	Superplastically formed, diffusion bonded panels and specimens, volume 1	1978
19800073395	Correlative effects of VLF chorus activity and electron precipitation near the plasmopause	1978
19800073712	Algorithm 531 contour plotting (J6)	1978
19800073742	Temperature dependent Fe-2+ yields Fe-3+ electron	1978
19800073744	Electron delocalization observed in the Moessbauer spectrum of ilvaite	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800074553	Study program to develop and evaluate die and container materials	1978
19800074993	IH-39 base heating test data analysis	1978
19800075001	Diagnostic evaluation testing of a gas recovery temperature probe in the NASA/MSFC impulse base flow facility	1978
19800075740	A view of solar magnetic fields, the solar corona, and the solar wind in three dimensions	1978
19800076014	Surveillance sampling of carbon fiber material	1978
19800076553	Optical timing receiver for the NASA Spaceborne Ranging System. Part 1: Dual peak-sensing timing discriminator	1978
19800076827	A comparison of the theoretical aerodynamic characteristics of the .015 scale Douglas Mach 2.2 advanced supersonic cruise transport model with wind tunnel data	1978
19800076851	Analytical prediction of atmospheric plumes and associated particles dispersal generated by large open fires	1978
19800076943	Supersonic cruise aircraft noise sensitivity and low-speed performance improvement studies	1978
19800076945	Technology application study of an advanced supersonic cruise vehicle, phase 6. Advanced supersonic propulsion studies	1978
19800076946	Advanced supersonic propulsion studies	1978
19800076954	Advanced technology engine integration/acoustic study	1978
19800077166	Investigation of joining concepts for graphite fiber reinforced aluminum composites	1978
19800077167	Effectiveness of the use of bimetals	1978
19800077168	Polymer curing and degradation	1978
19800077170	JANNAF Subcommittee on Safety and Environmental Protection	1978
19800077171	Hazards classification procedures for in-process propellants	1978
19800077172	Propellants and environmental quality: An overview	1978
19800077173	Utilization and disposal of solid propellant and explosive wastes	1978
19800077174	Application of the Toxic Substances Control Act to activities of the Department of Defense	1978
19800077175	Identification and tagging of energetic materials	1978
19800077176	The monitoring of hydrazine fuels in air by chemiluminescence	1978
19800077177	Acute toxicity studies of triaminoguanidine nitrate	1978
19800077178	Risks associated with handling chemical carcinogens in the research laboratory	1978
19800077182	Effectiveness of identifying codes in a short-wave radio link with resolving feedback	1978
19800077186	Millimeter radar sea return study	1978
19800077199	Integrated circuit, presetable, up/down counter, CMOS	1978
19800077200	Integrated circuit, 4 bit latch/4 to 16 line decoder, CMOS	1978
19800077205	Test summary, low pass filter	1978
19800077207	Switch	1978
19800077209	Diode, infrared, light emitting LED	1978
19800077210	Specification for transistors, bipolar, general	1978
19800077211	Transistors, power, general specification for mounted-flange, stud	1978
19800077212	Common dual-mode traveling wave tube	1978
19800077213	High band dual mode TWT	1978
19800077217	Digital microcircuit characterization and specification	1978
19800077220	Comparative information characteristics of electron-optical converters and electron-graphical cameras	1978
19800077222	Uncooled nozzle array technology. Task 1: Material survivability of base nozzle shades	1978
19800077224	Coherent pulsed CO2 source	1978
19800077227	Crack blunting in sintered SiC	1978
19800077233	Atmospheric aerosol formation. Morphology and seasonal gradations	1978
19800077239	The occultation of BD-15 degrees 3969 by the rings of Uranus	1978
19800077250	Blackbird and Foxbat	1978
19800077255	Orbital gyrocompassing	1978
19800077258	Polymer-polymer interactions	1978
19800077280	Factors influencing the output voltage of a disk electrostatic generator	1978
19800077281	Stabilizing the maximum energy of the magnetic field of an electromagnet	1978
19800077282	Microcircuit, digital, quad translator, ECL-TTL interface, monolithic, silicon	1978
19800077284	Storage and surveillance plan for semiconductors, transistors	1978
19800077299	Effect of air stream acceleration on heat transfer of plate in turbulent boundary layer	1978
19800077301	Electrogasdynamic lasers based on thermally ionized gas	1978
19800077302	Generation of tunable, coherent UV-radiation using dye lasers	1978
19800077320	Current state of the art of solar energy utilization	1978
19800077322	Probable LAGEOS contributions to a worldwide geodynamics control network	1978
19800077323	Positive bay disturbances in the auroral zone	1978
19800077324	The possibility of identifying precipitation using microwave measurements from satellites	1978
19800077326	The effects of mechanical vibration on the human in prone position	1978
19800077333	Device for the conjunction of optical signals	1978
19800077334	Optical filtrator for a one-dimensional Fourier Transformation	1978
19800077335	Selective decays in magnetohydrodynamic turbulence	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077338	The 2.2 micron surface brightness of the central 1 degree of the galactic center	1978
19800077339	Measurements of the extinction to the molecular hydrogen emission from the orion nebula	1978
19800077341	Chemical abundances in HgMn stars	1978
19800077346	Independent research and independent exploratory development, volume 1	1978
19800077349	The base pressure in an internal problem with a fixed adhesion section	1978
19800077350	A nonlinear problem of motion of a profile near an undulating wall	1978
19800077353	Flight test report for evaluation testing of improvements to the BQM-34F mid-air-recovery parachute system, phase 2	1978
19800077355	Wind tunnel test of an AFFDL Tactical High Altitude Penetrator (THAP) air vehicle configuration	1978
19800077370	AC-130 heat shield flap cover	1978
19800077376	Helicopters	1978
19800077395	Design and testing of an active oscillation and flutter damping system for external loads	1978
19800077396	Study on the influence of the mechanical properties of control units on the manual tracking performance for stochastic roll vibrations	1978
19800077400	Fire control simulation-version 2 (FICS2) user's manual	1978
19800077401	From the heights of orbit	1978
19800077405	Investigation of an air-to-air missile using ducted rocket technology: Executive summary. Design study	1978
19800077409	Space Shuttle: Schedules and status summary, volume 1	1978
19800077413	Graphite performance prediction program. Advanced capability for the prediction of ablation performance of solid propellant rocket nozzles	1978
19800077423	Carbon fiber production methods, structure, and properties	1978
19800077427	Fabrication and optimization of an aluminum ion vapor deposition system	1978
19800077428	Metal workers handbook. Volume 2: Titanium and its alloys	1978
19800077429	Alloys and alloy steels used in aircraft construction	1978
19800077431	Dimensional variations in Newtonian-quenched amorphous metal ribbons formed by melt spinning	1978
19800077432	A generalized strain rate dependent constitutive equation for anisotropic metals	1978
19800077455	Millimeter radar sea return study, addendum	1978
19800077461	Circuit breaker of an inductive accumulator	1978
19800077462	Explosive pulsed current breaker	1978
19800077463	Contact, electrical on hardware, contact, quick release	1978
19800077464	Pulse voltage generator	1978
19800077466	Transistors, field effect, junction and metal oxide semiconductors, general specification for	1978
19800077471	Integrated, circuit, monostable/astable multivibrator, CMOS	1978
19800077472	Integrated circuit, 8-input gate, multi-function, expandable, CMOS	1978
19800077477	Shunted capacitor blank	1978
19800077478	Method of non-inertia spark switching of high voltage devices	1978
19800077479	Method for measuring the restorative electric strength of a high-voltage breaker	1978
19800077483	Low-inductance lead	1978
19800077487	Modulator for a magnetron generator of powerful SHF nanosecond pulses	1978
19800077500	Integrated circuit, CMOS, 8-channel analog multiplexer/demultiplexer	1978
19800077504	Hybrid technology cost reduction improvement study, Volume 3. Program recommendations	1978
19800077507	The 8-14 micrometer photovoltaic (Hg, Cd) Te detectors	1978
19800077518	Integrated circuit, PMOS eight channel buffer amplifier, electro sensitive, class 1	1978
19800077519	Reliability verification test report, transistor, PNP, switching	1978
19800077520	Integrated circuit, dc amplifier, high gain, wide band	1978
19800077524	Component Qualification Report (CQR), MX-Q-78-07, capacitor, fixed, ceramic, dielectric	1978
19800077527	Acceptance inspection report on resistor, fixed, film	1978
19800077528	Acceptance inspection report on resistor, fixed, film	1978
19800077529	Lot acceptance data for low power, Schottky quad 2-input exclusive - OR gate	1978
19800077530	Evaluation of crystal oscillators	1978
19800077545	Calculation of an isometric turbulent boundary layer on a flat permeable plate	1978
19800077546	Effect on near-wall jet flows caused by setting of walls in motion	1978
19800077549	The 1.06 micron frequency doubling techniques	1978
19800077552	The development of small regenerative gas turbines at MTU	1978
19800077555	Cap, end seal, electrical conduit, tin plated copper sleeve with nylon cover	1978
19800077563	NASTRAM computer program for structural analysis	1978
19800077588	Aeromicrobiology and closed ecological systems	1978
19800077589	Biorhythm theory: Can it be used to reduce aircraft accidents?	1978
19800077595	High-speed algorithm of calculation of one family of winged constructions	1978
19800077608	Optical nonlinear image conversion	1978
19800077614	Neutron radiation in large Tokamaks	1978
19800077615	Liquid crystal matrix display	1978
19800077616	Stresses generated by the thermomigration of liquid inclusions in silicon	1978
19800077618	US Army Research and Technology Laboratories technical reports published in FY-77 and FY-78	1978
19800077653	Aerodynamic design data book. Volume 1: Orbiter vehicle	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077661	The design and aerodynamic characteristics of an 18% thick shock-free airfoil (NLR_7501)	1978
19800077689	Adjustment and tune-up tests of the Concorde C.E.S. kinetic heating facilities. Part 3: Liquid nitrogen installations	1978
19800077690	Report on controls	1978
19800077691	Optical maneuvers in a horizontal plane	1978
19800077717	Fighter CCV phase 4 report. Volume 4: Classified supplement (U)	1978
19800077740	Folded pilot swirl combustor (U)	1978
19800077741	Low pressure, high temperature augmentor/duct burner technology program (U)	1978
19800077742	Design and development of advanced high-pressure spool gas generator (ATEGG), part 1 (U)	1978
19800077745	Calculating flutter of a wing with kinematic connection of overall deformation with aileron deflection	1978
19800077746	Keys to the sky	1978
19800077747	Integrated flight/fire control system (Firefly 2). Volume 1: System definition	1978
19800077748	Glissada: An aircraft laser landing system	1978
19800077751	A maneuvering reentry body trajectory simulation	1978
19800077755	Communications satellite system engineering for low earth orbit	1978
19800077763	System design tradeoff study for Supersonic Tactical Missile (STM). Volume 1: Guidance, Navigation, and Control System (GNC) and supporting analyses for (STM)	1978
19800077764	Hinge moments of an optimized control surface design. Volume 1: Analysis and design charts	1978
19800077767	Advanced composite missile structures, volume 1	1978
19800077784	Low cost RPV booster motor demonstration program, volume 3 (U)	1978
19800077789	An analytical investigation of graphite and carbon-carbon erosion performance	1978
19800077790	Surface roughness of ablated carbon-carbon nosetip composites	1978
19800077794	Development of a physical model for three-dimensional fine weave carbon-carbon materials	1978
19800077798	Passive Nosedip Technology (PANT 3). Volume 2: Ablation test conductor	1978
19800077831	Laboratory program for activated carbon solvent recovery system	1978
19800077832	Use of copper for ion-exchange metallization of carbonates of alkaline earth metals	1978
19800077833	Gas adsorption by activated and impregnated carbons	1978
19800077835	High-temperature corrosion and the protection of refractory metals	1978
19800077836	Magnetic pulse working of metals	1978
19800077841	Guide, pin, module board, miniature, brass, nickel, plated	1978
19800077845	Carbon migration in transition joint welds	1978
19800077848	Influence of some admixtures on the thermostability of polyimides	1978
19800077849	Plastics (Selected articles)	1978
19800077850	Statistical analysis of experimental data on relaxation of stresses in high-filler polymer material	1978
19800077862	JANNAF Structures and Mechanical Behavior Subcommittee 15th Meeting	1978
19800077863	Improved stress transducer program	1978
19800077864	Evaluation of a miniature strain evaluation cylinder as a laboratory screening tool	1978
19800077865	Experimental/analytical structural failure testing of a 37-inch spherical live solid rocket motor	1978
19800077866	RPV grain structural verification test	1978
19800077867	Moisture diffusion analysis of full scale rocket motors	1978
19800077868	Evaluation of aging effects of ozone on stressed propellants	1978
19800077869	A progress report on the prototype age life program	1978
19800077870	Propellant response to motor ignition loads	1978
19800077871	Void failure in solid rocket motors under bore pressurization	1978
19800077878	Storage and surveillance plan, pyrotechnic materials	1978
19800077882	Air Force standard cryogenic cooler	1978
19800077883	Development of a rotary reciprocating	1978
19800077887	Radiophysics investigations of the atmosphere and of the surface of the earth with artificial earth satellites	1978
19800077890	Site survey outline and checklist for high-altitude electromagnetic pulse analysis of digital European backbone microwave communications facilities	1978
19800077892	Antenna array for HF communications enhancement	1978
19800077895	Technique for statistical modeling of aspect-dependent radar signature parameters; Dynamical models for vehicle maneuver and orientation angle	1978
19800077898	A spatial filtering technique for the reduction of terrain background and the discrimination of targets on the basis of target extent	1978
19800077899	Waveguide extrusion improvement program	1978
19800077903	Investigation of the feasibility of an integrated multiband radar concept for SSURADS, supplement (U)	1978
19800077905	V/STOL lightweight radar study. Volume 1: Task reports (U)	1978
19800077907	E3A non-cooperative data collection program (U)	1978
19800077908	New threats simulator (NETS) feasibility study (U)	1978
19800077912	VHF intermittent contact radar signatures for selected tactical targets (U)	1978
19800077914	Optimal charge of capacitance storage from AC network through rectifier	1978
19800077917	Image converter with recognition of forms	1978
19800077930	Choke, dual, drawing number 10234314	1978
19800077949	Generator assembly, signal, sine wave	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077952	Integrated circuit, hybrid, synchro buffer amplifier	1978
19800077954	Generating magnetic fields with a complex time-change relationship	1978
19800077957	Simple pulse power circuit for a converter of electro-magnetic energy into kinetic energy	1978
19800077964	Contact, electrical connector, pin, crimp type	1978
19800077983	Reliability test report for light emitting diode array common module	1978
19800077992	Stability of stratified flows	1978
19800077993	Heat pipe device	1978
19800078001	Optical evaluation and characterization of ir transmitting and laser window materials	1978
19800078005	Laser coding unit flight demonstration	1978
19800078007	Study of the spontaneous and induced radiation of the solutions of organic dyes	1978
19800078008	Spectral characteristics of generation of solutions of dyes when excited by ultrashort light pulses	1978
19800078010	Hellfire-31M laser seeker model validation (U)	1978
19800078011	Payoff of hardening USAF strategic aircraft and missile systems against laser weapons (U)	1978
19800078017	Hinge assembly, corrosion resistant steel	1978
19800078018	Set screw, self-locking, hex socket head, flat point	1978
19800078029	Handbook of instruments for non-destructive testing of materials and parts. Part 1: Chapters 1-9	1978
19800078030	The effect of the conditions of hardening of epoxy glues on the strength of the joints	1978
19800078057	Solar energy exploitation by Philips	1978
19800078063	Polydisperse scattering factor for gamma distribution of aerosol particles with any substantial index of refraction	1978
19800078064	On the interaction of strong electromagnetic waves, propagating along the lines of force of the geomagnetic field, with plasma oscillations in the magnetosphere	1978
19800078070	Atmospheric transmission and supporting meteorology in the marine environment at San Nicolas Island	1978
19800078084	Linkage organization principles for the unified computer system and a digital integrating computer with a programmed structure and commutation	1978
19800078086	Differential approximations of difference diagrams	1978
19800078090	Silicon detector materials characterization	1978
19800078091	A two-channel cooled detector for submillimeter-band airborne telescopes	1978
19800078093	Electrode-type conical plasma accelerator employing an inductive energy accumulator	1978
19800078094	Experimental and theoretical study of a plasma flow in a non-homogeneous magnetic field	1978
19800078095	Electrical conductivity and energy balance in non-equilibrium plasma	1978
19800078096	Numerical calculation of the coupled distributions of potential and temperature for hydrogen arcs of finite length in axial magnetic fields	1978
19800078122	Electronic support measures for Multisensor Processing (FSM/MSP)	1978
19800078128	Results of tests conducted on two selected C-141 rudder power control assemblies	1978
19800078130	Turbine engine life development definition	1978
19800078132	Roll stabilization investigation for a VSTOL (vertical short takeoff and land) Support Ship (VSS)	1978
19800078135	System safety analysis of the guided missile launching system MK13 MOD 4 in FFG-7 class ships	1978
19800078179	15th JANNAF Combustion Meeting	1978
19800078194	Analysis of a fractional gas stripper	1978
19800078197	Research to conduct an exploratory experimental and analytical investigation of alloys	1978
19800078204	Low outgassing conductive adhesives, part 1	1978
19800078210	Beam multiplexing	1978
19800078231	Report of test on capacitor, variable, glass dielectric	1978
19800078244	Transistor, silicon, PNP, general purpose	1978
19800078245	Resistor network, wirewound, precision, encapsulated	1978
19800078246	Resistor, thermal (thermistor probe assembly, 8-32 stud-mounted type)	1978
19800078247	Resistor, fixed, metal film, 0.3 watt, hermetically sealed	1978
19800078248	Resistor network, fixed, metal film, 2-element rectangular	1978
19800078259	Multifunctional guidance equipment	1978
19800078272	Comparison of experiment with analysis of a water-filled plastically deforming pipe using the computer code PTA-1	1978
19800078281	Military Medical Journal, No 12, 1978	1978
19800078282	Effect of impact acceleration on liver function	1978
19800078283	Blackouts caused by flight factors	1978
19800078284	Electrosleep as a means of safeguarding and enhancing the efficiency of ship crews	1978
19800078286	Military Medical Journal, No. 10, 1978	1978
19800078287	Hemodynamic indexes under orthostatic and vestibular effects	1978
19800078288	Physiological reserves of the organism: Leading problem of the physiology of work in the Navy	1978
19800078291	A psychometric evaluation of the perceptual and motor performance of pilots exposed to noise	1978
19800078329	Elevated temperature ductility of types 304 and 316 stainless steel	1978
19800078330	Nonlinear plasticity model for structural alloys at elevated temperature	1978
19800078331	Interim analytical description of the creep and creep-rupture behavior of ERNi-Cr-3 weld metal	1978
19800078332	Variation in creep and rupture properties of 13 heats of annealed 2 1/4 Cr-1 Mo steel	1978
19800078335	Fabrication and evaluation of new resins. Volume 2: Fabrication and evaluation	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078340	Radar target classification by parametric modelling	1978
19800078353	SEM quality assurance activity test report, NAND gate on modules, electronic gate	1978
19800078356	Report of test on RMS-to-dc converters	1978
19800078374	USSR Report: Meteorology and hydrology no. 9, September 1979	1978
19800078403	Measurements of sound transmission in the ocean mixed-layer at frequencies from 4 to 16 kHz	1978
19800078417	Inertial Navigation System (INS) alignment using Navstar GPS. Phase 1: Ground alignment	1978
19800078421	XFV-12A technology prototype ground, proof and functional test results	1978
19800078445	Experimental evaluation of non-axisymmetric exhaust nozzles. Volume 1: Study results	1978
19800078446	Experimental evaluation of non-axisymmetric exhaust nozzles. Volume 2: Basic aerodynamic data	1978
19800078447	Reduced cost turbine engine concepts program	1978
19800078452	Nonlinear free vertical oscillations of air-cushion craft	1978
19800078463	Description of the ISEE satellite-to-satellite kilometer wavelength interferometer system	1978
19800078465	Composite missile structure, volume 1	1978
19800078467	Proceedings of Workshop on Applications of integrated optics to missile guidance	1978
19800078471	Liquid propellant engine manual	1978
19800078477	Generation ability of solutions of complex organic molecules	1978
19800078487	Manufacturing methods for advanced sandwich panel construction, part 2	1978
19800078489	Viscosity of water and stream	1978
19800078490	Stability boundaries for velocity sensitive combustion using the Galerkin method	1978
19800078495	I. P. Bardin and the development of metallurgy in the USSR: Selected articles	1978
19800078497	Manufacturing methods for superalloy power production and consolidation	1978
19800078502	Creep failure under uniaxial and multiaxial stress conditions	1978
19800078503	Influence of cyclic loadings on creep behavior of austenitic stainless steels	1978
19800078504	A note on the Tewarson-Glassman controversy on the flammability of plastics: The oxygen index	1978
19800078517	Sulfur organic compounds of medium distilled petroleum fuels	1978
19800078518	Sodium aerosol and hydrogen generation tests	1978
19800078522	High-temperature structural design program	1978
19800078523	Wave propagation and transport in the middle atmosphere	1978
19800078535	A study of sweep linearity in linear FM-CW radar	1978
19800078536	The stability of short wave radio communication at night	1978
19800078538	A study of nearest neighbor classification techniques in the context of millimeter radar target recognition and selection applications	1978
19800078543	Air defense, acquisition of aerial targets	1978
19800078547	Manufacturing methods and technology measure fabrication methods for low cost hybrid silicon photodetector modules	1978
19800078548	The establishment of electrical and mechanical tolerances for TWT cost reduction by experimental beam analysis in a PPM focusing system	1978
19800078549	The establishment of electrical and mechanical tolerances for TWT cost reduction by experimental beam analysis in a PPM focusing system	1978
19800078551	Connector, plug, electrical, pin insert, rectangular, center jackscrew, without contacts	1978
19800078554	Statement of verification for microelectronic circuits manufactured by ITT Semiconductor	1978
19800078564	Connector, receptacle, electrical, printed circuit, wire hole solder lug, floating bushing mount	1978
19800078571	Integrated circuit, MOS, P-channel enhancement, 6-channel analog switch, electrostatic sensitive, class 1	1978
19800078572	Integrated circuit, PROM 256 by 4 on microelectronic circuits, memory, programmable, read only, transistor-transistor logic, flat, silicon	1978
19800078579	I/J band amplifier	1978
19800078587	Integrated circuit, voltage regulator	1978
19800078589	Integrated circuit, operational amplifier	1978
19800078591	Three-dimensional magnetohydrodynamic turbulence in cylindrical geometry	1978
19800078592	Selective decay hypotheses in two dimensional turbulence, Navier-Stokes and magnetohydrodynamic	1978
19800078593	Experimental investigation of effectiveness of gas screen in supersonic axisymmetrical nozzle	1978
19800078595	An improved large-area gas scintillation proportional counter	1978
19800078606	Development of neodymium pentaphosphate laser rods	1978
19800078617	Reliability based investigation of design factors	1978
19800078625	Nickel-hydrogen battery advanced development program	1978
19800078628	State of the art of solar energy	1978
19800078629	Design of self-calibrating controllers for heliostats in a solar power plant	1978
19800078630	Rayleigh-Taylor and wind-driven instabilities of the nighttime equatorial ionosphere	1978
19800078635	Seismic studies with the Zemlya device	1978
19800078636	Natural thermal radiation of the snow-ice cover of the Arctic seas	1978
19800078637	Application of the solution of the inverse gravimetric problem for the calculation of the figure of the earth	1978
19800078640	Universal arrangements for the laboratory analysis of the microflora of the air	1978
19800078645	Changes in EEG and behavioral reactions at various levels of hypoxia	1978
19800078646	Space biology and aerospace medicine, selected articles	1978
19800078647	Some problems of prediction of human activity in extreme conditions	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078650	A multiloop generalization of the circle stability criterion	1978
19800078658	On floating-point summation	1978
19800078659	A finite element method for plane strain deformations of incompressible solids	1978
19800078661	Stability of an inverted pendulum with hard spring and oscillating support	1978
19800078671	BiDirectional coupler for full duplex transmission on a single fiber	1978
19800078674	Optical characterization of gallium arsenide single crystals: Overview and bibliography	1978
19800078675	Manufacturing processes for detector grade intrinsic silicon	1978
19800078677	Technical progress and psychological problems of management	1978
19800078682	The diameter of Pallas from its occultation of SAO 85009	1978
19800078683	An analysis of the far ultraviolet spectra of the pole-on Be stars upsilon Cygni and mu Centauri	1978
19800078684	Observations of pulsating X-ray binaries 4U0900-40 and 4U1223-62	1978
19800078685	Mathematical models of geodetic astronomy	1978
19800078686	Structure and evolution of isolated gaint gaseous protoplanets	1978
19800078687	On the clouds of Uranus	1978
19800078688	Triton: A satellite with an atmosphere	1978
19800078709	Low cost wing/fuselage	1978
19800078720	Preliminary study of external carriage for the ALWT	1978
19800078721	Bid code for computing aircraft engine-inlet response to blast disturbances (U)	1978
19800078723	Cooperative weapon delivery study (U)	1978
19800078727	Laser vulnerability assessment data base -VC-940. Volume 2: Systems analysis (U)	1978
19800078728	Laser vulnerability assessment data base -VC-940. Volume 1: Concept definition, LVAC inputs and analysis (U)	1978
19800078729	Laser Hardened canopy program (U)	1978
19800078731	Defensive airo-air missile study (U)	1978
19800078733	E-2c and E-3A vulnerability in North Atlantic patrol (U)	1978
19800078738	Inlet and ramburner freejet and transition tests (U)	1978
19800078746	Advanced Turbine Engine Gas Generator (ATEGG). Volume 3, part 2: Industry version (U)	1978
19800078747	Advanced Turbine Engine Gas Generator (ATEGG). Volume 2, part 1: Level 2 performance (U)	1978
19800078748	Advanced Turbine Engine Gas Generator (ATEGG) GE23/J1A1 industry version (U)	1978
19800078754	Adaptive wall transonic wind-tunnels	1978
19800078789	An automatic fire-and-forget air defense system (U)	1978
19800078792	The laser-guided-Hellfire R code (U)	1978
19800078797	Missile launch envelope sensitivity analysis study. Supplement 1. AIM-7F (U)	1978
19800078800	BTT steering autopilot evaluation support (U)	1978
19800078809	BMD technology requirements and issues. Volume 4: Special studies (U)	1978
19800078819	Correlation concepts tradeoff study for ASALM (U)	1978
19800078821	Transition dynamics evaluation of PVM/STM vehicles (U)	1978
19800078826	Advanced electro-optic guidance technology study (U)	1978
19800078841	Reduction of position-time radar data on 5 inch external-burning assisted projectiles from tonopah in June, 1977 (U)	1978
19800078851	Active Nosetip Frangible Protective Cover (FPC) evaluation program (U)	1978
19800078861	Conference on problems of high-speed deformation of metallic materials	1978
19800078867	Cloth tetrafluorethylene coated, beta glass beta cloth	1978
19800078868	Temperature control paint	1978
19800078887	Certain properties of self-phasing antenna arrays	1978
19800078888	Dual frequency satcom low level terminal AN/ASC-28	1978
19800078892	Investigation of the feasibility of an integrated multiband radar concept for SSURADS (U)	1978
19800078893	Satellite C3 nuclear mitigation techniques. Volume 1: Summary from DNA LASL high altitude nuclear weapons effects summer study (U)	1978
19800078915	V/STOL lightweight radar study. Volume 2: ECCM performance summary (U)	1978
19800078917	High altitude electromagnetic pulse circuit damage assessment, digital European backbone equipment. Volume 3: Circuit assessment (U)	1978
19800078926	Braodband hypersonic radome. Volume 2: Antenna patterns (U)	1978
19800078928	USAF airborne radar technology plan (U)	1978
19800078934	Spread spectrum countermeasures (U)	1978
19800078938	Tactical air forces integrated information system (TAFIIS), master plan. Volume 2: Functional analysis (U)	1978
19800078939	Tactical Air Forces Integrated Information System (TAFIIS), master plan. Volume 1, annex A: Contingency command and control C supp 2 (U)	1978
19800078940	Broadband hypersonic radome. Volume 1: Design analysis and test evaluation (U)	1978
19800078945	Laser hardened missile radome development (U)	1978
19800078965	Information processing techniques program. Volume 3: Acoustoelectric devices (U)	1978
19800078973	Integrated microcircuits, technical catalog	1978
19800078983	Third generation 0.9 micron photocathode Manufacturing Methods and Technology (MM and T) (U)	1978
19800078986	High band millimeter-wave TWT (U)	1978
19800078995	Equatorial wave-mean flow interaction: A numerical study of the role of latitudinal shear	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079000	A large-area gas scintillation proportion counter	1978
19800079008	Dynamic interaction analysis (U)	1978
19800079014	Dynamics of laser compression and heating of simple targets	1978
19800079019	CO2 laser radar ship imagery flight test (U)	1978
19800079020	Investigation of repetitively pulsed hot spot tracking (U)	1978
19800079031	High energy laser technology applications study (U)	1978
19800079049	Blue Fish (U)	1978
19800079051	The curie motor	1978
19800079053	Wing V ground motion study	1978
19800079071	Midwater acoustic measurement system: Par and ACODAC	1978
19800079072	Influence of atmospheric-pressure gradient on under-ice ambient noise (U)	1978
19800079077	High performance detector/cooler module (U)	1978
19800079090	Supraton conductors with a future	1978
19800079095	The distribution of sodium in IO's cloud: Implications	1978
19800079174	Multi-function Inertial Reference Assembly (MIRA). Volume 1: Multi-Function Inertial Reference Assembly	1978
19800079184	Low cost composite integral wing structure design and manufacture	1978
19800079185	Low cost composite wing/fuselage manufacturing	1978
19800079188	Support of UTTAS YUH-60A program, maturity phase	1978
19800079197	AFTI-16 predesign and preliminary development of DECS and HAC. Volume 3, task 3. HAC preliminary development	1978
19800079199	Development of optimized asymmetric helicopter rotor blades	1978
19800079215	Effect of the process of compression in the air intake on the specific thrust characteristics of jet engines of hypersonic flight	1978
19800079220	Study of elastic and aerodynamic reverse controls for helicopter rotors	1978
19800079221	Study on the feasibility of aeroelastic reverse controls	1978
19800079222	Empirical testing of a rotor-integrated aeroelastic reverse-control system for helicopters	1978
19800079228	Space serves the people	1978
19800079236	Advanced composite missile structure preliminary design, volume 1	1978
19800079239	Shuttle space vehicles are getting ready for flight	1978
19800079240	A new space race	1978
19800079245	Instead of metal - compositions of materials	1978
19800079246	Transverse strength properties of graphite-aluminum composites	1978
19800079248	Advanced composites equipment support module	1978
19800079249	Composites production integration	1978
19800079255	A new mechanism for magnetic annealing in amorphous metals	1978
19800079260	Thermoplastic strengthening of a series of complexly alloyed steels	1978
19800079261	High cycle fatigue of 2-1/4 Cr - 1 Mo steel at temperatures to 538 C (1000 F)	1978
19800079266	Plastics (selected articles)	1978
19800079268	Polyester hook-and-loop fastener tapes for aerospace use	1978
19800079269	Transfer adhesive on materials, adhesive polymer, thermoplastic plastic, mechanical, physical, film	1978
19800079270	Material specification for low outgassing silicone rubber	1978
19800079271	Material specification for Vespel SP3	1978
19800079272	Material specification for low outgassing silicone rubber	1978
19800079274	Polymeric glues and gluing of plastics	1978
19800079276	Liquid monopropellant gun exploratory development program	1978
19800079277	Hydrogen production through the application of a thermochemical cycle	1978
19800079285	Integral molding production verification	1978
19800079307	Experimental investigation of limiting curves for current interruption of gas blast breakers	1978
19800079312	The technology and properties of thin ferroelectric films	1978
19800079314	High capacity, small bubble chip development	1978
19800079318	Microcircuit, retriggerable, monostable, multivibrator with clear TTL, low power	1978
19800079320	Storage and surveillance plan for semiconductors, diodes	1978
19800079321	Storage and surveillance plan for diode, power rectifier	1978
19800079322	Storage and surveillance plan for electrical connectors	1978
19800079323	Storage and surveillance plan for filter, low pass	1978
19800079327	Test report on a monolithic precision operational amplifier	1978
19800079333	Numerical solution to nonunidimensional mixed problems of gas dynamics of two-phase media	1978
19800079335	Features of the hydrodynamics of pipes with regular artificial wall roughness	1978
19800079338	Experimental study of the geometry of the atomization spray of a secondary liquid in a supersonic carrier flow	1978
19800079340	Holography in medicine	1978
19800079345	Colorant solvent in a liquid laser	1978
19800079346	Dye laser with lamp pumping, operating in conditions of self-synchronization of modes	1978
19800079349	Investigation of theory and methods of fault diagnosis in diesel engines	1978
19800079352	High-temperature piping design technology	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079353	Eddy current surface inspection of disks	1978
19800079355	Survey of industry successful reliability and maintainability programs	1978
19800079357	Experimental studies of columns under axial impact	1978
19800079394	Photographic surveying from space	1978
19800079397	Development of solar energy in the world. Possibility of development of solar energy in Yugoslavia. Proposal for the establishment of a Yugoslav Institute for Solar Energy	1978
19800079398	Anode oxidation of lithium in aqueous solutions of electrolytes	1978
19800079400	Special considerations in designing instruments for monitoring the dust content of the air which are intended for the public-health services	1978
19800079401	Study of air pollution by automobiles' exhaust gases	1978
19800079402	Radiation characteristics of the atmosphere during the period in which the Soviet-American aerosol-radiation experiment was conducted over the city of Rylsk	1978
19800079403	Aerosol absorption of radiation in the visible and the near IR regions of the spectrum in the troposphere	1978
19800079406	Fluctuations in integral water content of clouds according to measurements of radioluminance temperature at 0.8 and 1.35 cm waves	1978
19800079409	Reduction of the values of the physical fields of the ocean according to the results of their measurements along straight paths	1978
19800079410	Reconstruction of physical fields of the ocean from measurements on several rectilinear trajectories	1978
19800079415	The (54), a device for growing microorganisms	1978
19800079420	Physical activity at low air temperatures	1978
19800079421	Relation between the pulse rate of persons taking the complex coordination test and various psychological measurements of work performance and stress	1978
19800079422	Human tolerance to repeated G-forces and G sub z	1978
19800079425	Man as a measuring instrument	1978
19800079429	From machine to man	1978
19800079431	Reference book on computers and analog devices, part 1.	1978
19800079432	Reference book on computers and analog devices, part 2.	1978
19800079437	Some pressing problems of physiological-hygienic standardization of noise in aerospace medicine	1978
19800079440	Geometric optics in nonlinear wave theory	1978
19800079442	A high resolution solid-state (CCD) spaceborne Earth imager	1978
19800079449	Decentralized information exchange system	1978
19800079457	Problems of the construction of a fundamental astronomic geodetic system in the USSR	1978
19800079503	Infra-red signature analysis of navy V/STOL-A conceptual generic designs	1978
19800079506	A-6E edition of mini-SACE search radar test console Consolidated Air Mix Site Activation Plan (CAMSAP) USS Saratoga (CV-60)	1978
19800079524	Use of a plasma for the treatment of high temperature materials	1978
19800079525	Periclase refractory materials and methods for their use for high temperature power sources	1978
19800079529	Synthetic liquid fuels and the problem of emission of NOx	1978
19800079530	Methanol as an internal combustion engine fuel	1978
19800079531	Comparative characteristics of the Otto Engine when fueled by gasoline and liquid gas	1978
19800079532	CCD imaging applications: A modular approach	1978
19800079533	Design of equipment for primary processing of radar information	1978
19800079541	QKW1818	1978
19800079544	Investigation of repetitively pulsed thermal blooming and phase compensation. Volume 3: The interaction of T3 and overlap blooming	1978
19800079548	Efficient consumption of liquid and gaseous fuels for power generation	1978
19800079555	Sensor implications of high altitude, low contrast imaging	1978
19800079556	All Digital Seeker (ADS)	1978
19800079585	Planning and cost estimate report for 40 X 80 foot wind tunnel tests of XfV-12A	1978
19800079595	Application of carbon-carbon composites to rocket nozzles (ACORN)	1978
19800079609	Introduction to spread-spectrum EMC	1978
19800079610	USAF spread-spectrum frequency band selection analysis	1978
19800079616	Multi-gigabit lasercom study	1978
19800079636	Engineering evaluation tests of SAFT 30 ampere-hour nickel-cadmium batteries incorporating long life stable separators	1978
19800079637	Gravity data evaluation analysis and software design plan for the physical geodesy system	1978
19800079678	Effects of favorable aerodynamic interference on an advanced airbreathing concept (U)	1978
19800079709	Tests of the air cushion landing system on the XC-8A	1978
19800079723	Vulnerability of a B-1 type aircraft to laser irradiation (U)	1978
19800079726	F-4 cockpit contamination (U)	1978
19800079732	AFTI-111/Grumman pre-design. Part 2: Aerodynamic investigations (U)	1978
19800079733	HELLFIRE/A-10 phase 2 study. Volume 2: Technical discussion (U)	1978
19800079756	Advanced Turbine Engine Gas Generator (ATEGG). Volume 1: Level 1 Performance. Part 2: Industry version (U)	1978
19800079757	Reduced cost turbine engine concepts program. Project 668A (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079761	Generic Ordnance Ramjet Engine (GORJE) tests of the inlet/combustor (U)	1978
19800079762	Precompression devices for axisymmetric inlets (U)	1978
19800079768	Cost effectiveness fuel control studies (U)	1978
19800079790	Interceptor technology testbed program. Phase 1: Vehicle definition study (U)	1978
19800079795	Advanced intercept air-to-air missile performance analyses (U)	1978
19800079797	SGEMP electrical testing (U)	1978
19800079814	Characterization of a hardened heat shield for high performance vehicles (U)	1978
19800079818	Heatshield damage simulation (U)	1978
19800079829	A study of silicon-to-aluminum bonding and silicone elastomer modification	1978
19800079834	Chemical compatibility of ceramics for directionally solidifying Ni-base eutectic alloys	1978
19800079838	Receipts for CERMET computational models (U)	1978
19800079870	Ground station functional specification for Stand-Off Target Acquisition System (SOTAS)	1978
19800079884	Reliability engineering test report on capacitive devices, capacitor, fixed, film, metallic case, body mounted	1978
19800079917	Functional specification of man-machine interfaces for a Stand-Off Target Acquisition System (SOTAS): Project summary	1978
19800079942	Bank-To-Turn (BTT) servo-actuator evaluation (U)	1978
19800079949	Reduced smoke sidewinder motor demonstration (U)	1978
19800079956	Evaluation of candidate shuttle emergency depress system webbing materials	1978
19800079973	Surface acoustic wave channelized processor (U)	1978
19800079977	ARPA/STO program (U)	1978
19800080015	J-band dual mode TWT,(U)	1978
19800080019	Internal wave calculations (U)	1978
19800080028	Investigation of repetitively pulsed thermal blooming and phase compensation. Volume 2: Phase compensation of overlap blooming, 342 (U)	1978
19800080029	Investigation of repetitively pulsed thermal blooming and phase compensation. Volume 1: Executive summary (U)	1978
19800080031	Hellfire seekers (-31 and -31M) comparative performance field tests (U)	1978
19800080032	Environmental effects: Lasers EEI code, addendum (U)	1978
19800080042	Earth penetrator technology program (U)	1978
19800080054	Pilot projects for the use of solar energy in arab countries	1978
19800080066	Advanced tactical (ATAC) FLIR development. Volume 1: Preliminary design (U)	1978
19800080079	Field evaluation of the Honeywell remotely piloted vehicle infrared sensor (U)	1978
19800080124	AFTI-16 predesign and preliminary development of DFCS and HAC. Volume 2. Task 2. DFCS preliminary development	1978
19800080154	Integrated Sensory Subsystem (ISS) study. actuation systems study, addendum	1978
19800080155	AFTI-16 predesign and preliminary development of DFCS and HAC. Volume 2: Appendices; task 2:: DFCS preliminary development	1978
19800080159	Technology development vehicle (U)	1978
19800080165	Service life evaluation program (H038-A800)	1978
19800080170	Stinger guidance section system and simulation description and checkout (U)	1978
19800080188	Advanced Strategic Air Launched Missile (ASALM) guidance technology demonstration program. Volume 1: Summary (U)	1978
19800080191	High altitude electromagnetic pulse circuit damage assessment. AN/FSC-78 V satellite communication terminal and AN/USC-28 V spread spectrum modem. Volume 3: AN/FSC-78 V assessment (U)	1978
19800080192	Real-time frame generation (U)	1978
19800080212	Strength and life prediction for hot-pressed silicon nitride	1978
19800080230	Description of anomalous yielding behavior under sheet metal forming conditions	1978
19800080231	The influence of microstructure on fracture of drawn tungsten wire	1978
19800080233	The effect of small concentrations of NaCl on hot corrosion	1978
19800080234	Influence of microstructures on the mechanical properties and localized corrosion of a duplex stainless steel	1978
19800080235	Potential of amorphous alloys for application in magnetic devices	1978
19800080243	Storage and surveillance plan for aerodynamic spike inertial initiator	1978
19800080247	IRCM analysis and simulation. Volume 2: Flare requirements for F-15 aircraft (U)	1978
19800080250	A radio bridge: Earth - orbital station	1978
19800080254	Preliminary study of the feasibility of target acquisition and recognition from millimeter sensor derived data	1978
19800080255	Modified center layer metallic biplanar radome design	1978
19800080257	Multimode radar processors physical design	1978
19800080261	Determination of magnetic interference fields and subfields on the basis of large objects (U)	1978
19800080269	Exercise POLO HAT 78-4 evaluation report (U)	1978
19800080282	Noise in operational amplifier circuits	1978
19800080290	Techniques for stabilizing millimeter sources and methods for measuring stability	1978
19800080297	Reliability engineering test on microelectronic circuits, linear, amplifier, operational, transistor, transistor logic, dual-in-line	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080299	Manufacturing methods for volume production of radiation hardened Complementary Metal-Oxide Semiconductor (MCOS) circuits, phase 1 hand 1a	1978
19800080303	Storage and surveillance plan for semiconductors, transistors	1978
19800080304	Low temperature AC properties of metal-oxide varistors	1978
19800080305	Recombination level selection criteria for lifetime reduction in integrated circuits	1978
19800080306	Carrier domain rotation; A new semiconductor principle	1978
19800080308	Reliability engineering test report on transistors, switch - logic, small signal, fast, pnp bipolar, silicon, can	1978
19800080315	Electrical and mechanical performance tests of communication cord assemblies	1978
19800080318	Microcircuit-arithmetic logic unit, low power Schottky	1978
19800080325	Low band millimeter wave TWT QKW1756 (U)	1978
19800080326	Differential analyzers of shock waves in systems of continuous calculation of gas dynamic problems	1978
19800080327	Numerical methods for solving a problem in flow mechanics	1978
19800080328	Deformation recording media	1978
19800080337	Sputtered coatings for gas bearing application	1978
19800080346	Damage mechanisms at high temperature	1978
19800080347	Potentialities of laser aerial survey of the forest profiles	1978
19800080350	Scene content analysis, measurement, refinement and verification	1978
19800080354	Flashes in the atmosphere	1978
19800080362	Conceptual designs of energy thermonuclear Tokamak reactors	1978
19800080365	Optical evidence for a silicon-silicon oxide interlayer	1978
19800080368	Ultraviolet-optical effects in disturbed atmospheres (U)	1978
19800080380	Computational technique for three-dimensional inviscid flow fields about reentry vehicles. Volume 2: User's manual	1978
19800080381	Computational technique for three-dimensional inviscid flow fields about reentry vehicles. Volume 1: Numerical analysis	1978
19800080397	XFV-12A Langley augments flow survey data	1978
19800080398	XFV-12A NASA Langley static and dynamic hover tests	1978
19800080436	Advanced infrared signature prediction program. Spectral Calculation Of Radiation from a turbine Propulsion system as Intercepted by an Observer (SCORPIO-N). Volume 1: User's manual	1978
19800080458	Inertial upper stage parts, material and processes control and standardization on program plan	1978
19800080459	Determining the parameters of motion of a space vehicle using a simplified Kalman filter	1978
19800080481	Si/SiC ceramic composites: Properties and applications	1978
19800080486	Influence of pressure on the structure and properties of nonferrous metal and their alloys	1978
19800080488	A melt for obtaining zirconium powders by means of a metallothermic reduction	1978
19800080507	Ceramic broadband radome development	1978
19800080514	SES 100-ton group analysis report for calendar year 1977. Volume 3: Motions analysis techniques	1978
19800080515	SES 100-ton group analysis report for calendar year 1977. Volume 2: Background material	1978
19800080516	SES 100-ton group analysis report for calendar year 1977. Volume 1: Analysis	1978
19800080519	Induced resistances in end-fire antennae	1978
19800080538	Development of high power, short duty transformer rectifier units. Volume 2, phases 3: Fabrication	1978
19800080541	Integrated circuit, TTL, Hex Bus Driver with tri-state outputs	1978
19800080542	Integrated circuit, dual 4-input NAND line driver	1978
19800080543	Transistor, NPN, silicon, Darlington, power	1978
19800080544	Transformer, saturable driver	1978
19800080545	Transformer, power, step-down	1978
19800080546	Transformer, power step down, Scott-T	1978
19800080555	Electrical, flat multiconductor, cable assembly, flexible	1978
19800080556	Semiconductor devices, diode, GaAs gunn effect	1978
19800080577	Finite-element code for computing added mass coefficients	1978
19800080589	Improving the operability of diesel vehicles at low temperatures	1978
19800080592	Relief valve	1978
19800080597	Product assurance briefs, general technical data, application notes, bibliographies, lists, indexes of publications, directives and instruction	1978
19800080599	Nonlinear dynamic analysis of axisymmetric shells by the corotational finite element method	1978
19800080600	Finite element method in nonlinear dynamic analysis of axisymmetric shells: Theory and computer program	1978
19800080603	Battery, sealed, rechargeable, nickel-cadmium, 12 ampere hour, 20 cell	1978
19800080620	KTP crystals for second harmonic generation	1978
19800080638	Rocket sled and centrifuge tests of the Advanced Tactical Inertial Guidance System, model 2 (ATIGS-X2) and the bell, model 11 accelerometer triad	1978
19800080650	The role of the antitank helicopter in combined arms operations	1978
19800080655	A comparison of aircraft vulnerability assessment techniques. Volume 2: Data and computer program	1978
19800080671	Launchers and ground facilities for rockets and guided missiles	1978
19800080687	The mechanism of intergranular corrosion and intergranular stress corrosion cracking in duplex 308 stainless steel	1978
19800080696	Crystallization kinetics of Fe-B amorphous alloys	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080703	Fourth conference on the problem of aging and stabilization of polymers	1978
19800080704	New Bulgarian oils for the hydraulic systems of engineering machinery	1978
19800080715	Self-ignition of propellant powders	1978
19800080722	Some notes on the shielding effectiveness of metal conduits	1978
19800080742	Coupled dielectric and thermodynamic condensations for the design of vaporization cooled electrical systems	1978
19800080743	Investigation of the surge characteristics of power rectifiers and thyristors in large area press	1978
19800080745	Cable assembly, electrical, flat solid conductor, flexible	1978
19800080748	Microelectronic circuits, digital, inverter, flip-flop/bistable multivibrator, gate	1978
19800080749	Reliability verification report operational amplifier	1978
19800080753	GSFC (Goddard Space Flight Center) preferred parts list	1978
19800080782	Driving and performance quality of diesel engines operating on a liquid-gas fuel mixture	1978
19800080788	A3TK advance funding program-storage and surveillance plan for rotary stepping switches	1978
19800080793	The Balloon Altitude Mosaic Measurements (BAMM) program and laboratory studies of an infrared Background Optical Suppression Scheme (BOSS)	1978
19800080803	The effect of noise on mental performance and selected physiological functions	1978
19800080816	Terminal homing applications of solid-state imaging devices program, phase 1	1978
19800080822	Question of electron energy balance in the non-equilibrium plasma of an MHD generator	1978
19800080823	Single grain junction studies of ZnO varistors - theory and experiment	1978
19800080826	Theory of the Vavilo-Cherenkov effect	1978
19800080869	Multi-function Inertial Reference Assembly (MIRA), volume 2. Technical exhibiton. Characteristics for a Multi-function Inertial Reference Assemble (MIRA)	1978
19800080879	A user's guide to some computer programs for predicting helicopter and rotor performance	1978
19800080927	Advanced radial turbine study program	1978
19800080945	Aerial gunnery target system: Prototype design, fabrication and flight test demonstration	1978
19800080947	A-10 Operational Flight Trainer (OFT) qualification operational test and evaluation test plan	1978
19800080960	Qualification testing of elevation gimbal heater assembly (MINCO) (P/N 2863885-2) for Trident 1 Mk5 guidance system	1978
19800080967	Inertial upper stage parts screening plan	1978
19800081015	Effect of combustion modifiers on the combustion rate of double base solid propellants	1978
19800081033	Effects of transmission lines and antennas incorporated with metallic radomes	1978
19800081048	Radio frequency coil assembly test	1978
19800081049	Investigation of a voltage regulator and its motor driven transformer	1978
19800081050	Government Microcircuit Applications Conference 1978. Digest of papers, volume 7	1978
19800081055	Resistor, thermal, thermistor probe assembly, socket mounted cylindrical	1978
19800081056	Cable assembly, electrical, flat conductors, special purpose	1978
19800081072	Semiconductor device, diode, Gasa-Gunn-effect	1978
19800081073	Integrated circuit, double balanced modulator-demodulator	1978
19800081077	Strap, electrically conductive	1978
19800081078	Hybrid, optoelectronic coupler	1978
19800081098	A 50 liter photoinitiated chemical laser	1978
19800081109	Creative fire	1978
19800081172	Design technology-E program. Volume 5: Correlation of simultaneous satellite and aircraft weather measurements	1978
19800081173	Design technology-E program. Volume 7: Spatial and temporal correlations in Soviet weather	1978
19800081174	Ocean dynamics microwave sensors experiment	1978
19800081180	Flyers flash blindness goggles (EEU-2/P)	1978
19800081204	Investigation of the rotational spectrum of acetonitrile molecules in the submillimeter band	1978
19800081226	Wings of a dream	1978
19800081230	Aerodynamic coefficients and loads, revision	1978
19800081255	Fluidic event sequencer for aircrew escape system. Phase 3. Seat subsystem development	1978
19800081265	A computer model of an air traffic melee	1978
19800081293	ZPG-X point design study, revision	1978
19800081319	Advanced ceramic turbine seal system	1978
19800081323	What's the motor singing about	1978
19800081358	Moisture distribution, solubility, and diffusion coefficient for composite laminate	1978
19800081365	A method for obtaining an aluminum powder	1978
19800081371	Filtering and cleaning methods/equipment for hydraulic fluid per NAS 1638, class 10	1978
19800081397	Special features of the directional properties of endfire antennas	1978
19800081416	Device for measuring the velocity of projectiles	1978
19800081422	Method for measuring the time-dependent velocity progress of strongly accelerated bodies by means of Laser-Doppler interferometry	1978
19800081438	Metal sealing rings	1978
19800081442	A device for an ultrasonic control	1978
19800081487	NUSCAL brassboard program	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081494	A comparison of certain characteristics of atmospheric and aerosol transparency	1978
19800081498	Design technology-E program. Volume 6: Investigation of cloud particle size distribution	1978
19800081562	Determination of the adhesive strength of composite materials	1978
19800081563	Properties of secondary alpha-alpha-diacetylene alcohol additives	1978
19800081566	Plastics (selected articles)	1978
19800081605	Investigation of the function of radiobrightness temperature and general inverse problem of sounding from an artificial Earth satellite over the ocean	1978
19800081612	An improved supersonic, three-dimensional, external, inviscid flow field code	1978
19800081617	The great Venusian window	1978
19800081622	Device for measuring the specific flow rate in a supersonic gas flow	1978
19800081796	Plastics (selected articles)	1978
19800081810	Chemical characterization of composite prepreg resins, part 1	1978
19800081811	Improvement of the toughness of special ceramics	1978
19800081820	Nonpyrotechnic smokes	1978
19800081822	Teleprinters and data transmission apparatus (selected pages)	1978
19800081847	The LEM Final Report. Volume 2: The LEM target finder	1978
19800081870	High power, liquid cooled helix TWT, phase 1	1978
19800081877	Heating of a flat plate due to a hot air jet injected at various angles to a high subsonic crossflow	1978
19800081946	Sandia solar projects	1978
19800081947	Study of high energy cathodes and anodes for molten salt batteries	1978
19800082027	Definition, description, and interfaces of the FAA' (LC) developmental programs. Management supplement system interface/evolution open items, volume 3	1978
19800082045	AFTI-16 predesign and preliminary development of DFCS and HAC. Volume 1, part b, task 1: AFTI-16 Pre-design	1978
19800082057	Advanced Integrated Display System (AIDS): System design contract	1978
19800082058	Control/display unit	1978
19800082072	E-4E les engine flameout/compressor stall evaluation	1978
19800082108	The development of crack arrester designs for damage containment in composite structures	1978
19800082130	Plastics (selected articles)	1978
19800082147	Arylenesiloxane polymers for use as high-temperature aircraft integral fuel tank sealants. Part 3: Synthesis and properties of fluoroalkylarylene--siloxanylene (FASIL)high-temperature polymer	1978
19800082164	Aircraft antenna and electrical bonding corrosion control	1978
19800082193	High-current nanosecond commutators	1978
19800082330	A leading aviation designer	1978
19800082333	Aviation and cosmonautics (selected articles)	1978
19800082347	Device for testing a parachute in a wind tunnel	1978
19800082353	Effectiveness of negative allowance in bolt joints of aircraft structures	1978
19800082369	Communications satellites	1978
19800082410	New polymer materials.	1978
19800082456	Field-Emission cathode	1978
19800082495	Vibrations and buckling of radially loaded circular plates	1978
19800082530	Automated control systems	1978
19800082538	Alternate fuel cycle technology waste management: Evaporation and storage	1978
19800082641	Boeing pre-design of AFTI-3 mission adaptive wing. Volume 4: Performance (U)	1978
19800082642	Boeing pre-design of AFTI-3 mission adaptive wing. Volume 1: Summary (U)	1978
19800082647	Airborne Target Acquisition and Fire Control System (ATAFCS) performance evaluation S/N 101 (U)	1978
19800082665	Advanced Turbine Engine Gas Generator (ATEGG). Volume 2, part 2: Level 2 performance, industry version (U)	1978
19800082667	Advanced Turbine Engine Gas Generator (ATEGG) program. Volume 2: Gas generator hardware fabrication and test (U)	1978
19800082668	Advanced Turbine Engine Gas Generator (ATEGG), volume 3, part 1 (U)	1978
19800082705	Multipurpose supersonic Beamrider (MSSBR), Part 1. Sections 1 through 6 (U)	1978
19800082706	Multipurpose Supersonic Beamrider (MSSBR), executive summary (U)	1978
19800082710	Validated maneuverability tuning of stinger equations of motion (U)	1978
19800082727	The ducted rocket combustor development program. Volume 3: Tasks 2B and 4, performance documentation tests (U)	1978
19800082728	The ducted rocket combustor development program. Volume 2: Task 2, fuel generator development and task 3, fuel generator inlet/ramburner interface definition (U)	1978
19800082729	The ducted rocket combustor development program. Volume 1: Task O test and task 1 analysis studies (U)	1978
19800082755	Design technology-E program. Volume 2: SCAMP 3. An erosion model for hypervelocity impacts (U)	1978
19800082756	Design technology-E program. Volume 3: Erosion testing results, 1978 (U)	1978
19800082782	Dynamic Poisson's ratio: A novel technique to study interfacial adhesion	1978
19800082841	Variable delay line in VHF band (U)	1978
19800082843	Navy evaluation automated radar prediction (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082846	Non-specular Radar Absorbing Materials (RAM), volume 1 (U)	1978
19800082853	Non-specular Radar Absorbing Materials (RAM), volume 2 (U)	1978
19800082906	Development of 3rd generation MCP lightweight high performance and 0.9 micron low cost image intensifiers (U)	1978
19800083018	The development of liquid personal conditioning systems in the United Kingdom (U)	1978
19800083052	Hardened sensor optics. Volume 2: Appendices A through H (U)	1978
19800083081	Equilibrium model of radiating high Z plasma columns (U)	1978
19800083131	Optimal thin body in nonuniform hypersonic flow	1978
19800083143	Midcourse interceptor sizing and evaluation routine. Volume 1. Interceptor requirements program, IQP; users manual	1978
19800083155	Vertical take-off	1978
19800083183	Boeing pre-design of AFTI-3 mission adaptive wing. Volume 2: Aerodynamic trade studies, theoretical calculations and wind tunnel tests (U)	1978
19800083184	Boeing pre-design of AFIT-3 mission adaptive wing. Volume 3: Technical evaluations (U)	1978
19800083185	Integrated flight/fire control system (FIREFLY 2). Volume 3: F-16 simulation/evaluation results (U)	1978
19800083186	Integrated flight/fire control system (FIREFLY 2). Volume 2: F-15 simulation/evaluation results (U)	1978
19800083190	Effect of air intake compression characteristics on the specific parameters of jet engines for hypersonic flight	1978
19800083192	Turbine engine exhaust nozzle performance investigation. Volume 2. Preliminary design study	1978
19800083193	Turbine engine exhaust nozzle performance investigation. Volume 3. Static performance test	1978
19800083194	Turbine engine exhaust nozzle performance investigation. Volume 5. Test techniques improvement test	1978
19800083215	Flight/propulsion control coupling for Thrust Vectoring Fighter aircraft (FPCC/TVF-F-111)	1978
19800083250	Hinge moments of an optimized control surface design: Volume 2, part 1. Wind tunnel test data	1978
19800083251	Hinge moments of an optimized control surface design. Volume 2, part 2. Wind tunnel test data	1978
19800083345	Creep behavior of type 304 SS under multiaxial stresses	1978
19800083346	Uniaxial and multiaxial creep behavior of type 316 SS tubular specimens	1978
19800083480	Bistatic imaging radar study (U)	1978
19800083542	Manufacturing Methods and Technology (MM and T) measure for fabrication of third generation 0.9 micron photocathodes (U)	1978
19800083544	Design study for a special purpose high power E-W traveling-wave tube (U)	1978
19800083549	Turbulent flows, part 1	1978
19800083550	Turbulent flows, part 2	1978
19800083622	Further experimental studies on vibrations and buckling of eccentrically loaded stiffened cylindrical shells	1978
19800083626	Results from a buckling test of a 16-inch (406mm) diameter piping elbow	1978
19800083629	On the polynomial adjustment of geodesic measurement series	1978
19800083662	Marine hydrophysical studies (selected articles)	1978
19800083664	Instruction number 23/DN/DPC/PRA/HS on protection against electromagnetic radiation	1978
19800083665	Instruction of medical observation of personnel exposed to hyperfrequency electromagnetic radiation, radiation from radar aeriels	1978
19800083724	Mathematical models of planning and control in economic systems, part 1	1978
19800083725	Mathematical models of planning and control in economics systems, part 2	1978
19810065846	Calculation of vertical ionization potentials by configuration interaction	1978
19810066303	Calculated structural stability of small metal clusters	1978
19810066445	Remote sensing as a source of land cover information utilized in the universal soil loss equation	1978
19810067170	The NASTRAN demonstration problem manual, level 17.5	1978
19810067603	Water hyacinth sorption rates of lead, mercury and cadmium	1978
19810067660	Biomedical technology transfer: Applications of NASA science and technology	1978
19810068115	Instrumentation development for extreme ultraviolet explorer	1978
19810068230	Quarterly progress report July, August, September 1978	1978
19810068833	A detailed parameterization of the atmospheric boundary layer	1978
19810069359	Optimal estimation for the satellite attitude using star tracker measurements	1978
19810069778	EMerging Transportation Planning methods	1978
19810069828	Study of bandwidth conserving modulation and coding	1978
19810069901	Trans-uranic cosmic rays (Skylab experiment s-228)	1978
19810070122	Low Ac Loss Superconducting Coils for a Wind Tunnel Magnetic Suspension and Balance System	1978
19810070387	Impact of enhanced simulated solar ultraviolet radiation upon a marine community	1978
19810070491	Oxidation of noble metals and oxidation catalysis	1978
19810070506	Combustion response modeling for composite solid propellants	1978
19810070554	User's manual: Standard load center converter	1978
19810070770	Hydrodynamic Support (HDS) for space shuttle MGVGT, test report	1978
19810071034	Computed and experimental spectra for a wing mounted microphone on a light STOL aircraft	1978
19810071086	Analysis of laser velocimeter survey of merging vortices	1978
19810071189	MSA packaging	1978
19810071194	Development and verification of stress level standards	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810071198	Geobotanical interpretation of the geology and phosphate occurrences of North Central Florida as determined by LANDSAT imagery	1978
19810071430	A compendium of future space activities	1978
19810071443	SRB reentry thermal environment data book	1978
19810071609	Research in marshland ecology	1978
19810071859	Instrument development plan for dynamics explorer retarding ion mass spectrometer. Part 1: Technical plan appendices, A, B, C, and D	1978
19810071860	Instrument development plan for dynamics explorer retarding ion mass spectrometer. Part 1: Technical plan	1978
19810071905	User's manual for STAGS. Volume 1: Theory	1978
19810071989	Production and Release of N2O from the Potomac Estuary	1978
19810072379	Test results of orbidrive reducers for dynamic stability rig	1978
19810073501	Study of improved environmental stability of epoxy transparent materials	1978
19810073583	Payload mission integration	1978
19810073584	Payload mission integration	1978
19810073719	Shuttle range safety command destruct system handbook	1978
19810073720	Biomedical Experiments Scientific Satellite system design study. Volume 1: Executive summary	1978
19810073721	Biomedical Experiments Scientific Satellite system design study. Volume 2: Technical	1978
19810073722	Biomedical Experiments Scientific Satellite system design study. Volume 3: Appendices	1978
19810073845	An investigation of the effects on sortie rate of schedule, maintenance and basing using the airbase simulation model. Appendix: Test exercise description (U)	1978
19810073907	AMaRV Aerodynamics analyses book 2 (U)	1978
19810073914	AMaRV Aerothermodynamics analysis (U)	1978
19810073973	Helicopter-borne infrared countermeasures development, test and evaluation results (U)	1978
19810074034	Electro-optical countermeasures for strategic aircraft: System definition study (U)	1978
19810074037	TD and E of F-4G advanced wild weasel, phase 1 (U)	1978
19810074039	Advanced technology cruise missile study (U)	1978
19810074043	Advanced Strategic Air Launched Missile (ASALM) guidance technology demonstration program. Volume 3. Appendices (U)	1978
19810074051	F-4G Follow-on Operational Test and Evaluation (FOT and E) (U)	1978
19810074132	CHAPARRAL missile system hardware-in-the-loop simulation mathematical model (U)	1978
19810074176	Design of air slewed demonstrator missile program. Part 1: Summary (U)	1978
19810074211	Advanced simulation concepts program. Volume 2: Near-term source development and diode focusing programs - FY 1978 (U)	1978
19810074244	The tactical missile technical data handbook (U)	1978
19810074255	Engineering design handbook. Vulnerability of guided missile systems to electronic countermeasures (U)	1978
19810074276	Contamination and degradation of spacecraft systems: An annotated bibliography	1978
19810074413	Petroleum products, part 1	1978
19810074414	Petroleum products, part 2	1978
19810074470	Manual on the design of information-carrying systems in power engineering	1978
19810074471	Manual on the design of information-carrying systems in power engineering	1978
19810074604	Advanced designation concepts program. Volume 2: Technical analysis (U)	1978
19810074605	Advanced designation concepts program. Volume 1: Executive summary (U)	1978
19810074613	Millimeter wave radar design study, volume 1 (U)	1978
19810074668	Fundamentals of the design of microelectronic equipment, part 1	1978
19810074669	Fundamentals of the design of microelectronic equipment, part 2	1978
19810074681	One class of solutions of a gas-dynamic equation of the laval nozzle theory	1978
19810074749	Electro-optical countermeasures for strategic aircraft: System definition study (U)	1978
19810074794	Local equalization by filters based on the least squares method	1978
19810074795	Local equalization by filters based on the least squares method	1978
19810074845	Optical counter-countermeasures test for walleye guided weapon (U)	1978
19810074847	Hardened Sensor Optics, volume 1, sections 1 through 6 (U)	1978
19810074953	B-1 navigation system mechanization	1978
19810075008	SIAM underwater delivery vehicle design verification test. Test plan. Revision 1	1978
19810075017	Wide area antiarmor missile system studies. Volume 3. Point design (U)	1978
19810075185	Manufacturing methods for dual mode traveling-wave tubes, volume 1	1978
19810075212	Development of CO2 laser beamrider guidance (U)	1978
19810075229	Solar power booster	1978
19810075264	Theses of reports, IV. All-Union conference on Non-resonant Interaction of Optical Radiation with a Substance	1978
19810075280	TsAGI scientific notes, volume 7, no. 2, 1976	1978
19810075282	Transonic flow about convex angle	1978
19810075283	The flow of a viscous incompressible fluid about bodies of revolution. 2: Third approximation	1978
19810075284	Self-similar flows of a viscous gas in channels with heat and mass exchange on wall	1978
19810075285	Flow in vicinity of the point of the beginning of the intense suction of laminar supersonic boundary layer	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075286	Numerical method of the solution of the problem of free interaction	1978
19810075287	Distribution of the coefficient of intermittence along the length of the region of the transition of laminar boundary layer to turbulent	1978
19810075288	The effect of the position of the closing shock envelope in diffuser on the pressure recovery factor in hypersonic wind tunnel	1978
19810075289	Determination of the local coefficient of friction drag according to the results of the measurements of the turbulent velocity profiles at transonic speeds	1978
19810075290	Application of a thermocouple anemometer in a shock tube	1978
19810075291	Controlling the thrust of an orbital vehicle with an engine of limited power in flight with the accumulation of atmospheric air	1978
19810075292	Algorithm of the determination of the threshold function in the problem of the evaluation of the onset of a useful signal	1978
19810075293	Optimum schedule of the replacements of the cell/elements of the systems of the aircraft with incomplete information about their reliability	1978
19810075294	The account of structural and technological limitations when designing load-bearing constructions of maximum rigidity	1978
19810075295	Rational parameters of the reinforced panels, working under conditions of unsteady heating	1978
19810075298	Method of an increase in the accuracy of the calculation of integral stream conditions in supersonic nozzles	1978
19810075299	Simulation of gas jets, flowing from real laval nozzles	1978
19810075300	Interaction of shock wave with entropy layer	1978
19810075301	Calculation of flow in shock tunnel near opened diaphragm	1978
19810075302	The direction of the main axes of the Reynolds stress tensor in turbulent flow with transverse shift	1978
19810075303	Pressure distribution on sharp cones at angles of attack $\alpha = 0-10$ deg in supersonic flow	1978
19810075304	Experimental study of the effect of Reand M numbers on the intensity of the effect of a blast wave on a round cylinder	1978
19810075305	Evaluation of the effectiveness of aerodynamic braking at supercircular velocities of motion	1978
19810075306	Interaction of acoustic wave with three-layered conical shell	1978
19810075368	Influence of runway roughness on the dynamic behavior of aircraft at takeoff	1978
19810075385	Self-Initiated Antiaircraft Missile (SIAM). Phase 2a program flight test report: Controlled Test Vehicle no. 2 (CTV-2)	1978
19810075388	SIAM Underwater Delivery Vehicle-baseline design report	1978
19810075403	Chemical Journal	1978
19810075473	B-1 band 8 support. Volume 6: Appendix L. Test data transmit antenna system	1978
19810075484	Manufacturing methods for dual mode traveling wave tubes, Volume 3	1978
19810075505	Feasibility study of lasing through	1978
19810075566	Bases of the application of computer technology to the processing of economic information in communication	1978
19810075615	TsAGI scientific notes, volume 6, no. 3, 1975	1978
19810075616	Construction of the exact solutions of shockfree flow about a symmetrical airfoil with local supersonic zone	1978
19810075617	Calculation of transonic gas flow about an oscillating airfoil	1978
19810075618	Sudden expansion of a supersonic jet in a cylindrical channel	1978
19810075619	To the asymptotic theory of the origin of breakaway about a panel during hypersonic flow about a cooled body under conditions of weak hypersonic interaction	1978
19810075620	Viscous shock layer in vicinity of blunting	1978
19810075621	Asymptotic analysis of turbulent boundary layer of an incompressible fluid	1978
19810075622	Flow-field analysis of a plate located along the flow of a rarefied gas	1978
19810075623	Some gas-dynamic flows with quantum level population inversions	1978
19810075624	determining the characteristics of ejector nozzles with small air flow rates in the secondary circuit	1978
19810075625	Stiffness matrix of the open thin-walled rod during twisting	1978
19810075626	Study of nonlinear vibrations of rectangular plates by finite-difference method	1978
19810075627	The electromagnetic method of the measurement of velocities and flow rates of dielectric media	1978
19810075628	The connection between the temperature and Mach number in the flow of viscous gas	1978
19810075629	Nonequilibrium flow in a reverse laval nozzle	1978
19810075630	The upward ejection of objects by the vortex formed beneath an air intake	1978
19810075631	External resistance and base pressure of the aft fuselage sections of various forms	1978
19810075632	Study of the pressure distribution on the surface of a cylinder during longitudinal flow about it at hypersonic speeds	1978
19810075633	Experimental study of the interaction of impact N-wave with the models of above-ground structure	1978
19810075634	Experimental study of field of flow of a pointed plate in hypersonic flow of helium	1978
19810075635	Interferometer measurements of the characteristics of wakes on a ballistic installation	1978
19810075636	One algorithm of the construction of contour lines of function assigned on a set of two dimensional curvilinear isoparametric finite elements	1978
19810075653	Analysis of a control law for inertial terrain scanning	1978
19810075702	Turbine engine exhaust performance investigation. Volume 1: Program Summary	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075703	Turbine engine exhaust nozzle performance investigation. Volume 4, Part 1. Phase 2: Installed performance test. Part 2, Phase 3: Recommendations	1978
19810075708	Turbine engine exhaust performance investigation, volume 6. Part 1: Wind tunnel investigation of Reynolds number scaling and support system interference effects on the YF-17 afterbody/nozzle axial pressure drag coefficient	1978
19810075805	TsAGI scientific notes, volume 7, no. 3, 1976	1978
19810075806	The structure of flow in a region behind shock wave during the transonic flow about the profile	1978
19810075807	Calculation of the averaged inflow conditions of air intake	1978
19810075808	Flow in a rotodynamic machine during unsteady perturbations in inlet duct	1978
19810075809	The gas-discharge method of the generation of powerful pulse electron beams and possibility of their use in gas-dynamic experiment	1978
19810075810	Approximate simulation of dynamics of cable-body system in wind tunnel	1978
19810075811	Aerodynamic characteristics of blunt-nosed cones at low angles of attack	1978
19810075812	Calculation of the supersonic part of circular shaped nozzles	1978
19810075813	Rearrangement of the flow between a pair of bodies, one of which is located in the trace of another, during supersonic flow	1978
19810075814	Gas ejector with noncylindrical perforated wall on the boundary of the mixed jets	1978
19810075816	Investigating the dynamics of the flow of a perfect gas in channels with connected closed cavities	1978
19810075817	Experimental analysis of stability of cylindrical shells during creep	1978
19810075870	Temperature transient response measurement in flowing water	1978
19810075947	Investigation of sample for proportions	1978
19810076009	TsAGI Scientific Notes, volume 6, no. 5, 1975	1978
19810076010	Noninductive wind tunnels for transonic investigations	1978
19810076011	Lift of small aspect ratio wing with housing	1978
19810076012	Rotating stall in rotodynamic machines	1978
19810076013	Calculation of the interaction of subsonic jet of ideal gas with plane obstacle, perpendicular to its axis	1978
19810076014	Complete stabilization of boundary-layer flow at supersonic speeds	1978
19810076015	Flow of gas about the unevenly heated sphere	1978
19810076016	Interaction of nonequilibrium gas with radiation field	1978
19810076017	Experimental study of the flow of supersonic flow about the rectangular wing of gas	1978
19810076018	Measurement of concentration of electrons and electrical conductivity in air-stream mixture behind powerful shock waves	1978
19810076019	Optimum layout of the blades of the rotor of single-rotor helicopter for flight conditions with horizontal speed	1978
19810076020	The theory of the induction of the heavily loaded propeller	1978
19810076021	Statistical method of the solution of the approximate kinetic equation	1978
19810076022	Solution by Monte-Carlo method of model kinetic equation	1978
19810076023	Effect of the asymmetric reduction in area of the midsection of a body of revolution on its aerodynamic characteristics	1978
19810076024	Experimental study of recirculating flows in rectangular grooves	1978
19810076025	Measurement of unsteady aerodynamic force on bodies with high fineness ratio	1978
19810076026	Experimental determination of the accommodation coefficients of normal impulse for surfaces from different materials	1978
19810076027	TsAGI Scientific Notes, volume 6, no. 1, 1975	1978
19810076028	Application of vortex method during the calculation of the aerodynamic characteristics of a thin wing in steady-state supersonic flow	1978
19810076029	Finite-difference diagram for the calculation of two-dimensional discontinuous solutions of unsteady gas dynamics	1978
19810076030	Equations of multiple-speed multitemperature mixture of gases	1978
19810076031	Flow at the entrance and in the throat of air intakes with high supersonic speeds of flow and mach numbers smaller than calculated	1978
19810076032	Flow at the entrance and in the domain of the throat of flat supersonic air inlet	1978
19810076033	Experimental study of the effect of angle of attack on the transition of laminar boundary layer into turbulent about the lower surface of triangular plates with sharp edges	1978
19810076034	Optimum change in the velocity vector during motion in uniform field of gravity	1978
19810076035	Effect of the aerodynamic interference of wing and horizontal tail assembly on flutter limit of flight vehicle	1978
19810076036	Deformation in plane flow of the surface of tangential rupture which surrounds circular cylinder	1978
19810076037	Diffraction of shock wave on the driving wedge	1978
19810076038	Estimation of the maximum temperature in a field of flow at the hypersonic flow around cone at angle of attack	1978
19810076039	Effect of entropy layer on hypersonic flow past aerodynamic controls	1978
19810076040	Properties of the gas-dynamic moments of the velocity distribution function of molecules	1978
19810076041	Experimental study of inductive interaction rotors arranged in transverse and longitudinal configurations	1978
19810076042	Determination of wave resistance of profile by interferometry during transonic flow	1978
19810076043	Wake behind a permeable disk	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076044	Simulation of the power effect of a strongly underexpanded jet on flat surface parallel to its axis	1978
19810076045	Coefficient of flow of axisymmetric constricting nozzles with arbitrary contour	1978
19810076046	The effect of spherical blunting on the aerodynamic characteristics of round cones at hypersonic speeds	1978
19810076047	Experimental study of the interaction of rarefaction waves with a perforated wall	1978
19810076048	Effect of ferromagnetic inset on magnetic field and the character arcing in coaxial type preheater	1978
19810076049	TsAGI Scientific Notes, volume 6, no. 2, 1975	1978
19810076050	Numerical method of the solution of the spatial problems of gas dynamics and flow-field analysis of a body when angle of attack is present	1978
19810076051	Interaction of unsteady shock waves and perforated walls	1978
19810076052	Application of method of the union of external and internal asymptotic expansions to the solution of problems of the dynamics of a viscous fluid	1978
19810076053	Strong interaction of boundary layer with hypersonic flow during local disturbances of boundary conditions	1978
19810076054	Hypersonic flow of viscous gas in a nozzle	1978
19810076055	Calculation of flow of rarefied gas about plate at angle of attack	1978
19810076056	Peculiarities of vertical cavitation flow of a fluid about bodies	1978
19810076057	Path control in the problem of the soft docking two aircraft	1978
19810076058	Dynamic stability of ballistic vehicle with a small internal moving mass during a change in the conditions of its motion	1978
19810076059	Complete problem of eigenvalues of matrix in flutter analyses	1978
19810076060	Matrix methods of the synthesis of the dynamic and bending characteristics of linear dissipative structures	1978
19810076061	Calculation of some self-similar three-dimensional detached flows	1978
19810076062	Calculation of the inductive velocity in a plane of a lightly loaded rotor	1978
19810076063	Peculiarities of the structure of flow around the oscillating profile at supersonic speeds	1978
19810076064	Peculiarities of the distribution of pressure acute cones at angles of attack $\alpha = 0-10$ deg. in transonic flow	1978
19810076065	Interference of a vortex with shock waves in air intake, destruction of vortices	1978
19810076066	Effect of cooling central body on starting, flow breakaway at intake and choke characteristics of air intakes at supersonic and hypersonic speeds	1978
19810076067	Measurement of flow rate by laser single-ray time-of-flight method	1978
19810076068	Study of plasma ignition of an arc in coaxial preheated wind tunnels	1978
19810076069	Investigation of gradient detectors of radiant energy	1978
19810076070	Calculation of braking the two-dimensional supersonic flow of nonviscous gas in a channel and the possibility of the realization of this flow	1978
19810076071	Durability of alloy AK4-1 under conditions of alternation of creep and fatigue	1978
19810076232	TsAGI Scientific Notes, volume 7, no. 6, 1976	1978
19810076233	Hypersonic gas flow about a flat delta wing	1978
19810076234	One self-similar solution to the equations of Navier-Stokes	1978
19810076235	Experimental study of laminar boundary layer with the suction of an air through slots	1978
19810076236	Flow in an axial-flow compressor with nonuniform stagnation temperature distribution in inlet duct	1978
19810076344	TsAGI Scientific Notes, volume 6, no. 4, 1975	1978
19810076345	Some problems of the calculation of flows with tangential breaks	1978
19810076346	Numerical solution of direct problem of determining mean axisymmetric flow of perfect gas in a stage of turbomachine	1978
19810076347	Some special features of the propagation of a sonic boom in a nonuniform atmosphere	1978
19810076348	Flow of a supersonic viscous gas about small cylindrical convexity on the surface of a plate	1978
19810076349	Effect of the basic parameters of high-aspect-ratio wing on the value of the payload (throughout its structure)	1978
19810076350	Stability of cylindrical nonuniform shell at a variable external pressure	1978
19810076351	Application of variation method with the nonlinear parameters to the problem of vibrations of the reinforced plates with an intricate shape	1978
19810076352	Solution of the problem of three-dimensional flow about a delta wing with subsonic edges by the establishment method	1978
19810076353	Precise solution of the problem of three-dimensional interaction of shock wave with a moving wedge	1978
19810076354	Some special features of turbulent flow with zero surplus pulse	1978
19810076355	Calculation of the flow of a mixture of relaxing gases with adiabatic expansion	1978
19810076356	Aerodynamic coefficients of some compounds in a free molecular flow	1978
19810076357	Study of field of flow about bodies of revolution at supersonic speeds ($M = 1.7$)	1978
19810076358	Experimental study of the effect of needle on resistance of bodies of revolution	1978
19810076359	Experimental study of turbulent boundary layer in a supersonic flow on flat braking with breaks of the generatrices	1978
19810076360	Analysis of experimental characteristics of the two-dimensional and three-dimensional interaction of a side jet with supersonic flow	1978
19810076361	Phenomenon of the acceleration of currentless plasma by a field with inherent space charge	1978
19810076362	Movement of axisymmetric aircraft along bank with consideration of the nonlinearity of aerodynamic characteristics	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076363	Analysis of the dynamics of the hydraulic drive valve-engine load. Taking into account the nonlinearity of the distributive control and interference of two working cavities	1978
19810076364	Design of primary constructions of maximum rigidity	1978
19810076457	Turbine engine exhaust nozzle performance investigation, volume 6: A wind tunnel investigation of Reynolds number, scaling and support system interference effects on the YF-17 afterbody/nozzle axial pressure drag coefficient, part 2	1978
19810076502	Qualification test report shuttle interior light assemblies	1978
19810076565	Metric accuracy analysis	1978
19810076611	Construction and the adjustment of equipment of semiconductor production	1978
19810076641	Ultrasonic inspection of bonded structures	1978
19810076695	Limiting shock layer in hypersonic aerodynamics	1978
19810076809	Models of unsteady combustion of composite solid propellants	1978
19810076821	Waves and beams in irregular waveguides	1978
19810076843	Synthetic aperture radar operator tactical target acquisition research (U)	1978
19810076893	Fault isolation in analog networks. Volume 1: Executive	1978
19810076894	Fault isolation in analog networks. Volume 3: Special reports	1978
19810076909	Low-temperature high-pressure gas installation	1978
19810076919	Organic-compound lasers and their applications to spectroscopy	1978
19810076943	The ISW-1 OLEANDR air pollution unit	1978
19810076945	Proceedings of Central Aerological Observatory (chapters 4 and 5)	1978
19810076946	New version of the system for initial processing of working meteorological information	1978
19810076949	Monthly cumulative distributions and mean wind speed contours for the North Pacific Ocean	1978
19810076950	Monthly cumulative distributions and mean wind speed contours for the North Atlantic Ocean	1978
19810076951	Monthly cumulative distributions and mean wind speed contours for the Indian Ocean	1978
19810076997	The basic information retrieval system of the Branch Information Center of Gidrometsluzhba of the USSR	1978
19810077022	Midcourse interceptor sizing and evaluation routine. Volume 2: Interceptor sizing Program (ISP). Users' manual	1978
19810077034	Machine algorithm for determining section parameters of wingtip and tail unit fairings	1978
19810077105	Radiation-chemistry conversions in epoxy-novolak blocks copolymers	1978
19810077122	Bioconversion of plant biomass to ethanol	1978
19810077127	Brief reference book on concrete and ferroconcrete (selected chapters)	1978
19810077150	Design and development of biconical horn antennas for 18-100 GHz	1978
19810077157	Means of data transmission in automatic control system (ASU)	1978
19810077183	Pulsed and noise properties of molecular-sprayed thermocathodes	1978
19810077189	High-voltage transformer winding	1978
19810077190	The semiconductor diodes methods of measuring electrical parameters GOST19656.0-74-GOST19656.9-74	1978
19810077195	Integral optical electronics	1978
19810077204	Electrification of a condensation aerosol with the aid of a charger with corona electrodes	1978
19810077206	Multicolor photoengraving system	1978
19810077207	Calibration of lacoste-romberg gravimeters on the European gravimeter calibration line between Munich and Bodo	1978
19810077226	Estimation of pointing system errors from measurements of internal servo control variables	1978
19810077233	Introduction of machine tools with digital programmed control at plants of the Soyuzdormash Production Association	1978
19810077234	Self-tuning automatic control system	1978
19810077242	Reliability Verification Test (RVT) semiconductor device, diode, power rectifier	1978
19810077246	High resolution scanning auger microscopy of fracture surfaces	1978
19810077254	Pulsed sources of energy on the base of inductive storage units	1978
19810077258	A solar-assisted heat pump for cost-effective space heating and cooling	1978
19810077262	Concepts for an emission control system to be integrated with a system designed to dispose of toxic chemical munitions	1978
19810077295	Data transmission and electronic computers	1978
19810077298	Using a computer to estimate the technological reliability of the centerless grinding machines	1978
19810077301	Computational means in technology and communicating systems (selected pages)	1978
19810077303	Multimode radar processor design specifications	1978
19810077307	Numerical methods of the mechanics of continuous medium	1978
19810077309	A case of asymptotically uniform rotation of a body which has a fixed point	1978
19810077316	Nuclear constants in calculations of air ionization under the influence of an unstationary flow of neutrons	1978
19810077349	Analysis of the thematic structure and classification of scientific subjects at the scientific research institutes	1978
19810077350	Two-dimensional turbulent flow on reacting gases	1978
19810077404	Advanced Turbine Engine Gas Generator (ATEGG) program. Industry version. Volume 1. Gas generator hardware fabrication (U)	1978
19810077448	Radar signal processing using CCD and SAW device technologies (U) technologies (U)	1978
19810077458	Manufacturing methods for dual mode traveling wave tubes, volume 2	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077505	BMD applications on the multiple instruction associative processor	1978
19810077802	Liquid fuel ramjet engine demonstration program. Vehicle force balance wind tunnel tests. (U)	1978
19810077805	Flight propulsion control coupling for thrust vectoring fighter aircraft, volume 1, phase 1	1978
19810078089	Diode step stress testing program	1978
19810078149	Evaluation of non-destructive inspection methods applied to milled step down areas. Volume 1: Text and tables	1978
19810078221	High altitude electromagnetic pulse coupling assessment of the AN/FSC-78 V satellite communications terminal and AN/USC-28 V spread spectrum modem (U)	1978
19810078382	Requirements analysis for a multifunction, multiband airborne radio system (MFBARS)	1978
19810078443	Proceedings of the 4th Symposium on Fluid/Solid Surface Interactions	1978
19810078716	TsAGI Scientific Notes, volume 7, no. 5, 1976	1978
19810078719	Calculating breakaway supersonic three dimensional flows by the method of integral relationships	1978
19810078720	Visual investigation of the picture of flow in a field of intersection of aerodynamic surfaces	1978
19810078721	Selection of the optimum parameters of the laser Doppler speed meter of liquid and gas	1978
19810078722	Special features of the jet edge acceleration of flow to hypersonic speeds	1978
19810078723	Analysis of the optimum law of control of the return of hypersonic flight vehicles	1978
19810078724	Administration of hypersonic vehicle on the section of landing approach with the shut down engine	1978
19810078725	Application of method of statistical testing to research on the characteristics of scattering of selective recurrent curves	1978
19810078727	Accuracy of determining the fluctuating characteristics of elastic construction during resonance tests with multipolar excitation	1978
19810078759	Documentation of the ASD/Boeing ALCM force test in the propulsion wind tunnel (16T)	1978
19810078797	High purity silica reflective heat shield development	1978
19810078933	G-200 gyro bearings	1978
19810078943	Ultrasonic contact examination of welds	1978
19810079007	Microprogramming in 1978: A survey report	1978
19810079054	GPS/JTIDS/INS integration study. Volume 1: Executive summary	1978
19810079351	Sitespecific meteorological parameters	1978
19810079383	Scattering of light from particulate surfaces. 3: Non-validity of a Minnaert description for optically thick, multiply scattering layers	1978
19810079414	Mixing ratios of ethane and acetylene for Neptune	1978
19810079419	Magnetite heterogeneity among C1 chondrites	1978
19810079427	Average properties of x-ray burst sources	1978
19810079428	Soft x-ray emission from EX Hydrae during optical quiescence	1978
19810079462	GPS/JTIDS/INS integration study. Volume 2: Details	1978
19810079539	Liquid propellant aircraft cannon technology, volume 2, phase 2	1978
19810079540	Liquid propellant aircraft cannon technology, volume 1, phase 1	1978
19810079768	Identification of SS Cygni as a hard X-ray source with the scanning modulation collimator on HEAO-1	1978
19810079798	Positions of galactic X-ray sources 8: 55 deg 1-11 320 deg *	1978
19810079799	On the contribution of normal galaxies to the diffuse X-ray background	1978
19810079800	X-ray sources in our galaxy	1978
19810079802	Energy X-ray observations of algol	1978
19810079891	Surface-To-Air Missile Active Test Unit (SAM-ATU). Volume 1: Hardware mechanization description. Part 1: Program summary (U)	1978
19810079892	Surface-To-Air Missile Active Test Unit (SAM-ATU). Volume 1: Hardware mechanization description. Part 2: Detailed description (U)	1978
19810079893	Surface-To-Air Missile Active Test Unit (SAM-AUT). Volume 1: Hardware mechanization description, part 3, appendices (U)	1978
19810079894	Surface-To-Air Missile Active Test Unit Volume 2: Program test results (U)	1978
19810079927	Research study of TP-H1148 and other similar solid propellants	1978
19810079945	An evaluation of the combined environment reliability testing of the An/ARC-109 UHF communication set	1978
19810079995	Laser spot jitter and missile performance constraints for terminal homing weapon systems (U)	1978
19810080125	Rapid aperiodic x-ray variability	1978
19810080150	Experimental gravitation with measurements made from within a planetary system	1978
19810080604	Millimeter wave plume measurements (U)	1978
19810080712	Hypersonic wedge nozzle development program. CLA-2 system performance evaluation test report (U)	1978
19810080870	T700-GE-700 engine design report. Volume 1A: Design summary	1978
19810080871	T700-GE-700 engine design report. Volume 1B: Special data	1978
19810080894	Safety study report of the MK17 reduced smoke rocket motor (SR 116)	1978
19810081564	Low cost arrays for detection of infrared (LADIR) (U)	1978
19810081697	Feasibility of using Fiberglass Reinforced Plastic (FRP) structure for NG operations	1978
19810081864	Search for optical bursts from x-ray burst sources	1978
19820002213	Dynamics Explorer: Interface definition study, volume 2	1978
19820008868	Storage stability and improvement of intermediate moisture foods, phase 5	1978
19820021145	FORTAN static source code analyzer (SAP) user's guide	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820021147	System description of the IMP-16C microprocessor orbit determination program	1978
19820021148	LANDSAT/NAVPAK system description and user's guide	1978
19820021164	Structured FORTRAN preprocessor (SFORT) PDP-11/70 user's guide	1978
19820065841	Design study of a non-immersion acousto-optical imaging NDT system	1978
19820066687	Surface shear stress measurements on circular cylinder in cross flow at near-critical Reynolds numbers	1978
19820067485	Single photon imaging detector for space astronomy	1978
19820067486	Measurement of SEC tube energetic charged particle induced background	1978
19820067953	Summary of Skylab mission patches	1978
19820068086	Study of Kinetic Systems, Incorporated model 3110, 3610 and 3640	1978
19820068114	Transition in amorphous selenium under high pressure	1978
19820068420	Ultraviolet-B radiation-induced inhibition of leaf expansion and promotion of anthocyanin production	1978
19820068424	Competitive interaction in plant populations exposed to supplementary ultraviolet-B radiation	1978
19820068425	Leaf epidermal transmittance of ultraviolet radiation and its implications for plant sensitivity to ultraviolet-radiation induced injury	1978
19820068846	GSFC Software Engineering Research requirements analysis study	1978
19820068980	Impact attenuators: A market analysis	1978
19820069114	Relationship of physiography and snow area to stream discharge	1978
19820069300	Advanced project support studies: Shuttle OFT-1 post blackout radar acquisition study	1978
19820069383	The utility of low-g environment in the study of drop interactions and vortex ring propagation	1978
19820069392	Engineering design of repetitively q switched solid state lasers for precision ranging applications	1978
19820069478	Cloud microphysics	1978
19820069795	Experimental turbulence measurements for entrainment studies	1978
19820069798	Scavenging experiments for the Atmospheric Cloud Physics Laboratory: Justification for experiments and recommendations for development	1978
19820069909	The origins and early histories of planetary atmospheres	1978
19820070252	Tests and analyses of a 1/6.5-size flutter model of an executive jet transport supercritical wing with/without winglet, part 1	1978
19820072198	Bias-humidity testing of solar cell modules	1978
19820073208	Performance Technology Program PTP-A 1: Task 3.3.6.1 fabrication and heatshield roll torque mechanisms	1978
19820073715	Exposure testing and evaluation of solar utilization materials	1978
19820075670	Test report, .4 scale ALCM Wind tunnel test, AEDC number TF486, model AS1380 1-4., volume 1	1978
19820076117	AFFDL forward swept wing, phase 2: Force and moment data, parts 19 thru 274 (U)	1978
19820076118	AFFDL forward swept wing. Phase 2: Pressure data, parts 20 thru 166 (U)	1978
19820076119	AFFDL forward swept wing. Phase 2: Pressure data, parts 373 thru 504 (U)	1978
19820076120	AFFDL forward swept wing. Phase 2: Pressure data, parts 167 thru 372 (U)	1978
19820076121	AFFDL forward swept wing. Phase 2: Force and moment data, parts 279 thru 630 (U)	1978
19820076148	Cruise missile study (U)	1978
19820076560	Operating conditions and materials selection and development in gas turbines	1978
19820076802	ADWC semi-automatic command and control system (radar study)	1978
19820076803	ADWC semi-automatic command and control system (display/communication study)	1978
19820077125	Wing/fuselage critical component development	1978
19820077389	Rotor dynamics of the Intermediate Size Inducer Pump (ISIP)	1978
19820077504	The feasibility of using mathematical modelling for camouflage evaluation	1978
19820077963	Force development test and experimentation of remotely piloted vehicle system	1978
19820078237	Study of transverse electrostriction in doped alkali halides (U)	1978
19820078491	A study of anti-jam data link techniques for missile applications, revision (U)	1978
19820079866	Foam core sandwich materials: A State of the Art Survey	1978
19820079950	The Army Tactical Frequency Engineering System (ATFES) feasibility study. Supplement 1: Operating manual	1978
19820079994	Vibration and static testing to determine the reusability of fastener locking systems	1978
19820080132	V/STOL mechanical power transfer component weight estimation methods development	1978
19820080388	Lidar measurements of atmospheric temperature and pressure fields	1978
19820081308	Fabrication of limited-quantity F-14A composite main-landing-gear-strut doors for service evaluation	1978
19820081470	Holographic interface processor. Volume 1: Executive summary	1978
19830069451	Surface displacements for high speed rubs	1978
19830069679	Aerodynamic analysis of the solid propellant booster deceleration subsystem drop tests	1978
19830069744	Liquid crystal convection: A novel accelerometer	1978
19830069982	Space Shuttle SRM inert propellant dynamic properties	1978
19830069983	Space Shuttle SRM propellant dynamic properties	1978
19830070166	On numerical boundary treatment of hyperbolic systems for finite difference and finite element methods	1978
19830070471	Analysis of dissolved and suspended trace metal ions in the natural waters by energy dispersive X-ray and atomic absorption spectrometry	1978
19830070643	Lunar and Planetary Science 9, part 1	1978
19830070644	Lunar and Planetary Science 9, part 2	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830072255	The SEL32 interface hardware library (SIHLIB), volume 1. File 9: SEL32/R704 (TICM) interface (SIRAYT)	1978
19830073195	MSS standard interface document	1978
19830073554	Minutes of the Atmos-Spacelab 1 Science Team Meeting	1978
19830076377	ACPL monodisperse cloud experiment	1978
19830076378	ACPL monodisperse cloud experiment	1978
19830076379	ACPL monodisperse cloud experiment	1978
19830076380	ACPL monodisperse cloud experiment	1978
19830076381	ACPL monodisperse cloud experiment	1978
19830076382	ACPL monodisperse cloud experiment	1978
19830076383	ACPL monodisperse cloud experiment	1978
19830076384	ACPL monodisperse cloud experiment	1978
19830076385	ACPL monodisperse cloud experiment	1978
19830076386	ACPL monodisperse cloud experiment	1978
19830076996	The volume adsorption capacity of 0.98 mol percent on activated carbon at 20 deg C	1978
19830078251	Documentation of a wind tunnel test with the Raytheon Company AMRAAM competition missile and the F-15 aircraft	1978
19830078253	Documentation of a wind tunnel test with the Northrop Corporation AMRAAM competition missile and the F-15 aircraft	1978
19830078260	Documentation of a wind tunnel test with the Hughes Aircraft Company AMRAAM competition missile and the F-15 aircraft	1978
19830078262	Rockwell International candidate ILAAT 1 test at transonic numbers (0.8 to 1.3)	1978
19830078263	Documentation of a wind tunnel test with the General Dynamics Corporation AMRAAM competition missile and the F-15 aircraft	1978
19830078265	Documentation of a wind tunnel test with the Ford Aerospace Corporation AMRAAM competition missile and the F-15 aircraft	1978
19830078310	Documentation of the full-scale Army/Vought general support rocket system at transonic Mach numbers	1978
19830078315	Computer codes for predicting the formation of rocket exhaust secondary smoke in free jets and smoke chambers	1978
19830078566	McDonnell Douglas ILAAT model test at transonic Mach numbers, phase 1	1978
19830079288	Material flow characteristics in aerospace production, volume 1	1978
19830079307	Innovative strategic aircraft design study (U)	1978
19830079877	Amplitude DF processor study	1978
19830079933	Tactical communications jamming phase. EW/CAS JTF quality control plan: Overview and Requirements	1978
19830080055	System safety analysis of fire control system Mk 117 Mod 0, Harpoon functions	1978
19830080059	Interface specification for the ACEVAL-AIMVAL trial data tape	1978
19830080177	Tactical communications jamming phase. EW/CAS JTF quick look report plan	1978
19830080181	EW/CAS communications jamming phase data acquisition training plan	1978
19830080318	ACEVAL-AIMVAL joint test force online data base specifications	1978
19830081981	Polarography of niobium in hydrochloric acid	1978
19830082937	ESUS (Electronically Agile Solid-State Universal Surveillance Radar) transmit/receive module	1978
19830083081	Flying qualities evaluation of the YC-14 advanced medium STOL transport	1978
19830083120	Space Shuttle Program hypotensive garments for National Aeronautics and Space Administration. Design/sizing study	1978
19830083402	Performance evaluation of the YC-14 advanced medium STOL transport	1978
19830083426	USAF (United States Air Force) stability and control DATCOM (data compendium)	1978
19830083647	Dispersion of heavy gas clouds in the atmosphere	1978
19830083794	Flight control systems evaluation of the YC-14 advanced medium STOL transport	1978
19830083795	Flying qualities analysis of an in-flight simulation of high order control system effects on fighter aircraft approach and landing	1978
19830084195	Robotic system for aerospace batch manufacturing, volume 1	1978
19830084213	Single-channel ground and airborne radio subsystem-VHF/FM (SINGARS-V) fast frequency hopping	1978
19830084777	Technology transfer: Transportation	1978
19830084850	A human engineering assessment of the ARRADCOM and AAI DRAGON simulators	1978
19830085289	The A3E2 dual chamber rocket motor concept investigation. Task 3: Subscale motor tests	1978
19830085290	The A3E2 dual chamber rocket motor concept investigation. Tasks 1 and 2: Analysis and preliminary design	1978
19830085319	Formal deliberations of the National Electrical Code Committee and the National Fire Protection Association on Code Article 328 covering flat conductor cable wiring systems. Deliverable A	1978
19840011065	Significant NASA inventions available for licensing in foreign countries	1978
19840067359	Space plasma physics: The study of solar-system plasmas. Volume 1: Reports of the study committee and advocacy panels	1978
19840067721	Cloud height determination from geosynchronous satellite images	1978
19840068325	A new X-ray spectroscopy concept-room temperature mercuric iodide with Peltier-cooled preamplification	1978
19840068892	Satellite retrieval study	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840068897	Develop and demonstrate the performance of cryogenic components representative of space vehicles. Phase 1: Concept evaluation coated multilayer insulation materials	1978
19840069036	Mechanical capacitor energy storage system	1978
19840069227	Public service communications satellite program description	1978
19840070080	Rifts and sutures of the World	1978
19840070452	Maximum likelihood estimators of optical pulse delay	1978
19840071795	Aeronautics and Space Engineerin Board: Aeronautics Assessment Committee	1978
19840072090	Standard CCT format family requirements	1978
19840072671	Remote access computer terminals for image processing	1978
19840073688	Low Probability of Intercept Radar (LPIR) system test plan, revision A (U)	1978
19840073728	Photometric material identification (U)	1978
19840073751	Adopt program technical review. Volume 1: Executive summary (U)	1978
19840073752	Adopt program technical review, volume 2 (U)	1978
19840074042	Chlorine-extraction processes for energy-conserving recovery of nonferrous metals	1978
19840074282	Infrared and near ultraviolet measurements for program AAPS (U)	1978
19840074772	Development of the gas management system for the closed Brayton Laboratory engine program, part 1	1978
19840074773	Strategy for future research on the analysis of kinetic energy penetration	1978
19840075403	A review and evaluation of the hybrid sulfuric acid process for the production of hydrogen from water as being developed by Westinghouse Electric Corporation	1978
19840075612	TRAP2 - A digital computer program for calculating the response of mechanically loaded structures to laser irradiation. Volume: Theory and program description	1978
19840075864	SIAM phase IIb guided flight demonstration program (U)	1978
19840076371	A study of a liquid metal thermal energy source	1978
19840076387	Alkali halide FLIR lens development	1978
19840076388	Vulnerability of packet radio networks characterization of network performance	1978
19840076452	ICNS data link improvement study (U)	1978
19840076519	Passive and active suppression of vibration response in precision structures state-of-the-art assessment. Volume 2. Technical analysis	1978
19840076545	Microcirculatory responses to trauma	1978
19840076652	SIAM Phase 2 guided flight demonstration program (U)	1978
19840076681	MX decoy design	1978
19840076791	Mini-ELS final flight test report (U)	1978
19840076828	Technical support of the laser programs at DARPA (Defense Advanced Research Projects Agency)	1978
19840076874	Examination of an experimental parametric acoustic receiving array (PARRAY)	1978
19840076886	Alkali halide FLIR lens development	1978
19840077110	Application of rapidly solidified superalloys	1978
19840077234	Vulnerability of packet radio networks. Test plan	1978
19840077302	Adaptive phased array demonstration	1978
19840077499	Focused ion beam technology	1978
19840077840	Traction drive transmission for the closed Brayton laboratory engine program, part 2	1978
19840077944	Advanced beamrider guidance unit demonstration program (U)	1978
19840078216	Robotic system for aerospace batch manufacturing, task C: Definition of robot assembly capability, volume 1	1978
19840078789	Ion beam lithography feasibility demonstration	1978
19840078968	Quarterly technical report (U)	1978
19840079165	Transferred-electron photocathode	1978
19840079760	Digitally coded radar (U)	1978
19840081828	Testing of a 600 watt dimmer on a shock bench	1978
19840082728	Guidelines for the development of data management plans	1978
19850068921	Some problems of the theory of navigation devices	1978
19850070135	Mission operation report: Nimbus-G	1978
19850070641	Preoperational aerodynamic design data book. Volume 1. Orbiter vehicle: Appendices	1978
19850070642	Preoperational aerodynamic design data book. Volume 1. Orbiter vehicle, part 1	1978
19850070745	Market analysis of Roentgen densitometry for pediatric cardiology	1978
19850070892	A modified form of Sharma's formula for STO Loewdin alpha functions with recurrence relations for the coefficient matrix	1978
19850071170	Single node acoustic fiber waveguide	1978
19850073276	Development of the MK 124 mod 0 marine smoke and illumination signal	1978
19850073734	Independent assessment of attack helicopter survivability issues (U)	1978
19850075605	Passive nosetip technology (PANT 3). Volume 1: Phenomenology and dispersion	1978
19850076281	Application of supersonic favorable aerodynamic interference to fighter type aircraft	1978
19850076326	Ceramic gas turbine engine demonstration program	1978
19850076626	Advanced aerial refueling boom	1978
19850077076	Medium intermediate range ballistic missile conceptual design study. Final report on air to ground primary strike mission (U)	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19850077924	Production methods for mounting nonaxial-lead components	1978
19850078572	Characterising the mechanical properties of carbon and graphite materials, using acoustic emission analysis methods	1978
19850079173	Simulation studies of helicopter agility and other topics	1978
19850079211	Hardness of a nickel coating obtained from a sulfamate electrolyte	1978
19850079530	Vulnerability of packet radio networks waveform detectability	1978
19850079536	Vulnerability of packet radio networks theoretical aspects to network vulnerability	1978
19850079629	Improved manufacturing processes for inertial grade quartz flexure accelerometers	1978
19860065646	Low-Cost Solar Array Project. Ninth project integration meeting handout, April 12-13, 1978	1978
19860066367	Locomotive truck characterization	1978
19860066677	Average rainfall determination from a scanning beam spaceborne meteorological radar	1978
19860067905	SEASAT-A maneuver planning software and procedures	1978
19860068712	Digital image generation system, part 1	1978
19860068946	Aerodynamic design substantiation report. Volume 1: Orbiter vehicle	1978
19860069978	F-16A moveable stick evaluation	1978
19860070334	Research study group on techniques for advanced surface-based radars for SAM system. Aspects of phased array antennas in air defence radar system applications	1978
19860074401	Chemical characterization of F-15 composite resin system (5505)	1978
19860074663	Evaluation of 9 potential nozzle materials for the C4 missile development program. Volume 2: Appendices A thru L2	1978
19870067459	Submillimeter wavelength astronomy from space. Report of the Submillimeter Space Telescope Working Group	1978
19870069113	AN/WSC-2 (XN-2) (V1) shipboard satellite communications set, appendix E	1978
19880068311	CNPq/INPE operations requirements document for studying concentration of atmospheric constituents	1978
19880071126	Forward swept wing study. Phase 1A: Concept development draft report (U)	1978
19880071144	An advanced investigation of swept-forward wings for military aircraft (U)	1978
19880071145	Study of swept-forward wings for military aircraft (U)	1978
19880071147	Study of swept-forward wings for military aircraft (U)	1978
19880071915	Eleventh Navy Symposium on Aeroballistics, volume 2	1978
19880071916	Surface heat transfer distributions in separated flow regions ahead of protuberances	1978
19880071917	Application of statistical fracture criteria to the problem of predicting infrared dome thermal shock failures	1978
19880071918	Aero-thermo-elasticity of graphite polyimide hypersonic missile fins	1978
19880071919	Scale effects of the fluctuating pressures in a region of spike-induced flow separation	1978
19880071920	The influence of a wake splitter plate on the pressure drag coefficient of a right circular cylinder	1978
19880071921	Viscous flows over sphere-cones at large angles of attack including mass-transfer and low Reynolds number effects	1978
19880071922	A new method for calculating surface pressures on bodies at an angle of attack in supersonic flow	1978
19880071923	Governing equations for viscous compressible flow	1978
19880071924	Preliminary method for predicting aerodynamic characteristics of cruciform missiles to high angles of attack	1978
19880071925	Ogive cylinder modified for near minimum side moment	1978
19880071926	A semi-empirical prediction method for induced side forces on missiles at high angles of attack	1978
19880071927	Free flight and wind tunnel test of a missile configuration at subsonic and transonic Mach numbers with angles of attack up to 30 degrees	1978
19880071928	Effects of blunting on the aerodynamic characteristics of several optimum nose shapes at supersonic speeds	1978
19880071929	Aero/thermal/structural optimization of IR domes	1978
19880071930	External aerodynamic characteristics of integral rocket-ramjet configurations with nose-mounted cruciform inlets	1978
19880071931	Longitudinal stability characteristics for an air-breathing missile configuration with side mounted inlets	1978
19880073727	Boeing predesign of AFTI-111 mission adaptive wing: Aerodynamic trade studies, theoretical calculations and wind tunnel tests	1978
19880074089	Advanced composite serviceability program	1978
19890067629	Process identification study for space cured composite structures	1978
19890068711	Materials processing in space	1978
19890068908	Scientific and technical information output of the Langley Research Center for calendar year 1977	1978
19890068977	Cyclic odd-even reduction for symmetric circulant matrices	1978
19890068978	Time-singular systems of partial differential equations	1978
19890068979	On mixed finite element methods. Part 3: The grid decomposition property and examples	1978
19890069006	On numerical methods for acoustic problems	1978
19890069052	A microprocessor assisted graphics system	1978
19890069057	Operator factorizations generalizing the Gauss elimination method	1978
19890069058	Instantiation and decision procedures for certain classes of quantified set-theoretic formulae	1978
19890069063	Frequency spectra of solutions of stochastic equations, with applications to spectral broadening of waves propagating in a random medium	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19900066206	Applications Explorer Missions-A/Heat Capacity Mapping Mission (AEM-A/HCMM) attitude system functional specifications and requirements	1978
19900066242	Transonic aircraft drag technique applied to military aircraft, volume 2	1978
19900066319	Evaluation of onboard ephemeris representations for the Solar Maximum Mission (SMM) spacecraft	1978
19900066387	Oceanographic observations across the northern Gulf Stream	1978
19900066424	A radiative transfer model for microwave emission from soils	1978
19900066455	Thermal-structural design study of an airframe-integrated scramjet	1978
19900066519	Solar thermal application for NASA centers	1978
19900066540	NASA Airborne Observatory Facilities review team. Volume 1: Executive summary	1978
19900066630	Solar photovoltaic electrical power system applications for NASA centers	1978
19900066675	Development of a supercritical sloped rooftop wing	1978
19900066720	NASA Airborne Observatory Facilities Review Team, 2	1978
19900066936	Toxic chemical waste disposal	1978
19900067177	Pilots' flight evaluation of VariEze N 4EZ	1978
19900067326	A Lagrangian theory for tensor interaction	1978
19900068090	Orbital transfer vehicles: Preliminary plans and concepts	1978
19900068222	Angle-only tracking for the ENDER mid altitude (high) construct (U)	1978
19900069621	Composites manufacturing operations production integration: Automated production of aeropropulsion composite components	1978
19910072612	Index to NASA news releases and speeches: 1977 supplement	1978
19910073139	Algorithms for determining optimal attitude solutions	1978
19910073630	The lixiscope	1978
19910073768	Load deflection characteristics of inflatable structures	1978
19910074188	Experimental feasibility study of dual-correlate-and-subtract processing of laser transit anemometer signals	1978
19910074189	Transit anemometer trials at the Cambridge Whittle Laboratory	1978
19910074190	Applications of digital correlation to the measurement of velocity by light scattering	1978
19910074191	Data retrieval in laser anemometry by digital correlation	1978
19910074192	Laser anemometry close to walls	1978
19920075251	Energy Efficient Engine Component Development and Integration Program: Original Work Plan	1978
19920075252	NASA CF6 Engine Diagnostics Program	1978
19920075405	Energy efficient engine flight propulsion system preliminary design review. Executive summary	1978
19920075407	Energy efficient engine preliminary design and integration studies	1978
19920075499	Task 3A.2 Test Report for JT9D Jet Engine Diagnostics Program	1978
19920075771	Spacelab Mission 1 experiment descriptions	1978
19930073021	Aquatic vascular plant foods	1978
19940004013	Failure analysis of flashing lights. Micro Electronics P/N 209-B SN 7 and 12	1978
19940005135	Position paper on turbulent flow separation	1978
19960024088	Technology Assessment of Advanced Composites. Phase 1	1978
19960024741	Moisture Absorption by T300/5208 Graphite-Epoxy Composite Laminates	1978
19960025498	Proceedings of the Composites Fabrication Program Review	1978
19960025501	Polyurethanes In The Aerospace (And Other) Markets,	1978
19960025893	Problems and Solutions: A Conference/Workshop	1978
19960025897	Prototype Development of An Optimized, Tapered-Thickness, Graphite/Epoxy Composite Flywheel	1978
19960026840	Determination of Moisture Content In Composites by Dielectric Measurements	1978
19960027154	Organic Matrix Materials	1978
19960028513	Analysis of Nondestructive Properties of Injection Molded Polycarbonate: Fluid Mechanics	1978
19960028916	A Study of Miscibility in Blends of Polycarbonate With Polyesters	1978
19960029149	Program Planning Survey on Polymer Composite Science and Technology	1978
19960035522	Fabrication of Limited-Quantity F-14A Composite Main-Landing-Gear-Strut Doors for Service Evaluation	1978
19970001870	Results of RCS Jet Plume Interaction Tests Using a 0.0125-Scale Model (70-OT) of the Space Shuttle Vehicle Orbiter in the AEDC VKF Tunnel B (IA148)	1978
19970020388	The Effects of Magnesium on State 3 Respiration of Liver Mitochondria from Control and Cold-Acclimated Rats and Hamsters	1978
19990053114	Orbital Transfer in the Shuttle ERA And Beyond	1978
19990053563	Comparison of Inlet Distortion from Flight and Wind Tunnel Tests	1978
19990111619	Theoretical Study of the X(sup 1)Sigma (+), A(sup 1) Pi, C(sup 1)Sigma(-) and E(sup 1)Sigma(+) States of the SiO Molecule	1978
20010121916	Hypersonic Wedge Nozzle Development Program. Task III Laser Performance Using Demonstration Report	1978
20020039207	Reactive Metals in Internal Explosions: The Combustion of Magnesium in Air	1978
20020075661	MAC Landing Forecast	1978
20020084959	Military Specification, Work Unit Code Manuals Atoms Task Group Support	1978
20030057986	Evaluation of the Air Force Vehicle Replacement Model	1978
20030061342	A Study of the Air Terminal Throughout Process	1978
20030107972	Security Classification Guide for Program 217Z F- 101 B/F Aircraft	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20030109375	An Assessment of High Speed Machining	1978
20040031567	Phase Four Terminal Emulator	1978
20040053278	The Role of Coherent Structure in Turbulent Boundary-Layer Analysis	1978
20040075285	Red Flag 78-1	1978
20050173858	Guidance Flight Test Report. Volume 7: Missile C4X-09 Guidance IMU 1012 EA 10027 Test Number 2960 Launch Date 3 September 1977	1978
20050177663	Subsystem Design Analysis Report. Part 2	1978
20050216883	Numerically-Controlled (N/C) Machining of Infrared Optics: Servo Analysis and Specification	1978
20050229153	Nimbus-G Post Launch Report No. I	1978
20050229821	Seasat-A Mission Operation Report	1978
20050229866	Landsat-D Prime Prelaunch Mission Operation Report	1978
20050229960	Prelaunch Summary GOES-C Launch	1978
20050229965	FLTSATCOM-A Launch	1978
20050229989	Landsat-C Prelaunch Mission Operation Report	1978
20050230163	Intelsat IVA F-3 Launch	1978
20050230165	Intelsat IVA F-5 Post Launch Report	1978
20050230166	Prelaunch Summary Intelsat IVA F-6 Launch	1978
20050230178	Pioneer Venus Orbiter Prelaunch Summary	1978
20050230180	ESA Orbital Test Satellite (OTS-B) - Delta Launch	1978
20050230186	Geostationary Operational Environmental Satellite (GOES-C) Mission Operation Report	1978
20050230721	Intelsat IVA F-3 Post Launch Report	1978
20050230737	Intelsat IVA F-6 Post Launch Report	1978
20050232863	NATO-IIIC Communications Satellite	1978
20050232873	Japan Broadcast Satellite Experimental (BSE):Delta Launch	1978
20050234504	High Energy Astronomy Observatory-B (HEAO-B)	1978
20050234586	Pioneer Venus Program, Orbiter Launch	1978
20050234588	Pioneer Venus Program, Multiprobe Launch	1978
20050236240	International Sun-Earth Explorer (ISEE) C Mission Operation Report	1978
20050236382	International Ultraviolet Explorer (IUE-A)	1978
20050236515	TIROS-N Post Launch Report, Mission Assessment	1978
20050240853	Delta Launch of the Telesat-D Mission	1978
20060016904	On the Association Between Sensitivity to Acute NaCN Intoxication in Mice and the Activity of Succinate Dehydrogenase in Blood Lymphocytes	1978
20060023111	Feasibility Evaluation Evasion Chart Viewing Device	1978
20080000816	A Novel Approach to a Radiation-Hardened Converter Design	1978
20080001099	Venus Field Test Program	1978
20080001348	Aircrew Thermal Stress for Near-Term Chemical Defense (CD) Equipment	1978
20080001365	OT&E of Eagle Eye II	1978
20080002176	Red Flag 77-10 Final Report	1978
20080002474	Summary of Test Results for 10 Size IAP PIGA S/N-2	1978
20080002689	Initial Operational Test and Evaluation of the Program 616A Modem	1978
20080003048	MK5 Guidance System Reliability Status Report	1978
20080006229	Aircrew Chemical Defense (CD) Equipment Evaluation. Special Project Plan	1978
20080006350	MQM-107A Aerial Target System (QOT&E): Project Plan	1978
20080006352	Initial Operational Test and Evaluation of the A/F 37A-T78 (KC-135) Boom Operator Trainer: Test Plan	1978
20080019841	Aircrew Chemical Defense (CD) Hood-Blower System (HBS) Special Project Plan	1978
20080039249	Infrared Mortar Locator Design Study	1978
20090023137	Aerodynamic Characteristics of a High Fineness Ratio Missile with Pulsing Canards and an Interdigitated Tail at Mach Numbers from 1.1 to 1.9	1978
20100027841	Production Quality Assurance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Pressure Altitude, Motor PQA-702	1978
20100038606	The ADOF Linearized Aircraft Stability Analysis Program	1978
20100038611	Long Range Service Life Analysis Test of a Minuteman LGM-30F Stage II Rocket Motor at Simulated Altitude (Motor S/N AA20184, Designation SAT-2)	1978
20100038612	Particle Velocity Calibration in the AEDC Dust Erosion Tunnel	1978
20100038618	Aging and Surveillance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Simulated Altitude (S/N TC30031, Designation TOP-7)	1978
20100038620	TF41-A-1 Turbofan Engine Altitude Relight Characteristics With JP-8 Type Fuel	1978
20100038623	F100 Engine Diagnostic System Thermal Equilibrium and Stabilization Assessment	1978
20100038625	Correlation of Space Simulation Chamber Test Data With Flight Data	1978
20100038626	Computational Supplementation Of Testing (CST) And Related Activities	1978
20100038628	Stability Analysis of a Fighter-Type Aircraft With a Stability Augmentation System	1978
20100038631	Inlet Performance Characteristics of the 0.192-Scale McDonnell Douglas/Northrop F-18 Aircraft Model at Mach Numbers From 0 To 2.0	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20100038784	Production Quality Assurance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Pressure Altitude, Motor PQA-705	1978
20100039319	Performance Characteristics of the Improved Transtage Engine (AJ10-138A)	1978
20100040057	Infrared Light Emitting Diode (LED) Evaluation Test	1978
20100040058	Performance Evaluation of a Production F100(3) Turbofan Engine With a Proximate Splitter installed (Engine S/N P680969-11)	1978
20100040059	Aging And Surveillance Test Of A Thiokol Minuteman LGM-30G Stage III Rocket Motor At Simulated Altitude (S/N TC30008, Designation Top-6)	1978
20100040060	Ejector-Powered Engine Simulators for Small-Scale Wind Tunnel Models of High Performance Aircraft	1978
20100040064	Aging And Surveillance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Pressure Altitude (S/N TC30013, Designation TOP-5)	1978
20100040200	Aging and Surveillance Testing of a Minuteman LGM-30F Stage II Rocket Motor at Simulated Altitude (Motor S/N AA20080, Designation OP-46)	1978
20100040201	Production Quality Assurance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Pressure Altitude, Motor PQA-703	1978
20100040202	Altitude Performance of Thiokol TE-M-714-3 Solid Propellant Rocket Motor Employing a Gas Deployed Skirt (GDS)	1978
20100040240	Aeromechanical Test of the Low-Pressure Compressor of the F107-WR-100 Full-Scale Development Engine (S/N 308-5)	1978
20100040241	A Survey of Vibration Surveillance Systems for Heavy Rotating Machinery	1978
20100040243	Results of a Search for External-Store Carriage-Position Airloads to Assist a Navy Study of Ejector Requirements, Volume - 2 Tabulated Data	1978
20100040371	Pretest Report for the FY 78 ABRV Tests in the AEDC/VKF Hypersonic Tunnels B and C	1978
20100040818	Available Spectrum Analysis for the AN/TRC-170 LOS and Troposcatter Radio in the 4.4 to 5.0 GHz Band	1978
20100040819	EMC Analysis of the Digital European Backbone, Stage III, Using the Drama Radio and a Parallel-Operation Cutover Procedure	1978
20100040820	UHF Cosite EMC Analysis of the AN/ARC-164 and Selected EC-135C Equipment	1978
20100040833	Aging and Surveillance Testing of a Minuteman LGM-30F Stage II Rocket Motor at Simulated Altitude (Motor S/N AA20028, Designation OP-45)	1978
20100040836	Altitude Testing of a F100 (3) Turbofan Engine for Development of a digital Engine Electronic Control (Engine S/N FX 215-18)	1978
20100040837	Production Quality Assurance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Pressure Altitude, Motor PQA-603	1978
20100040838	Operational Characteristics of a Prototype Back-up Control (BUC) on a Lot IV F100-PW-100 (3) Engine With Proximate Splitter (Engine S/N FX 219-19)	1978
20100040877	Results of a Search for External-Store Carriage-Position Airloads to Assist a Navy Study of Ejector Requirements	1978
20100040927	Comments on High Altitude Axial Force, Center of Pressure and Normal Force of Reentry Vehicles Under Real Gas Laminar Flow Conditions	1978
20100040980	Start Demonstration Test of the Williams Research Corporation F107-WR-101 Engine S/N 314, Build Numbers 12, 13, and 15	1978
20100041244	7V Space Simulation Chamber Optical Systems Analysis	1978
20100042068	TF30-P-3 Turbofan Engine Altitude Relight Starting Characteristics With JP8 Fuel	1978
20110001248	Drag Accounting for Asalm Propulsion Technology Validation	1978
20110001277	Alternate Igniter Qualification and Aging and Surveillance Tests of Two Minuteman LGM-30F Stage III Rocket Motors at Pressure Altitude (Motors S/N 0033299 and S/N 0033300)	1978
20110001278	Production Quality Assurance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Simulated Altitude, Motor PQA-704	1978
20110012288	An Outgassing Data Compilation of Spacecraft Materials	1978
20110020372	Prelaunch Summary Nimbus-G Launch	1978
20110020392	GOES-C/GOES-3 Post Launch Report No. 1	1978
20110020402	FLTSATCOM - A Post Launch Report	1978
20110020560	GOES-3 Post Launch Report No. 2	1978
20110020561	GOES-3 Post Launch Report No. 3	1978
20110020579	ESA-Meteosat/Delta Post Launch Report	1978
20120007229	Computational Techniques for Estimating the Aerodynamic Characteristics of Blunted Cones	1978
20130009972	Space Shuttle Orbiter Entry Aerodynamic Heating Data Book. Revision C, Book 2	1978
20130009986	Space Shuttle Orbiter Early Aerodynamic Heating Data Book. Revision C. Book 1	1978
20140014386	Test Plan/Procedures (On Site) for Training Set, Control Tower Simulator AN/GSN-T3	1978
20140016062	Propulsion System and Performance Evaluation of the YC-15 Advanced Medium STOL Transport Limited Flight Evaluation of the Modified YC-15 (Phase 3)	1978
20150010044	Effects of Antibiotics and Ultraviolet Radiation on the Halophilic Blue-Green Alga, Aphanothece Halophytica	1978
20150010498	Planetary Protection Guidelines for Outer Planet Missions	1978
20150010583	Ecology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components	1978
20150010584	Ecology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components	1978

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20150010658	Mars Surface Sample Return Quarantine Planning Theory	1978
20150010854	Contamination Measurement Requirements for Deep Space Missions: JPL Inputs for KSC Facility Contamination Sampling and Monitoring Plan	1978
20160012403	STS Operations Logistics Plan	1978
20160012406	SRB 2102 Solid Rocket Booster Workbook	1978
20160012644	Get Away Special (GAS): Small Self-Contained Payloads: Experimenter Handbook	1978
20160013501	SSME Review	1978
20160013502	National Research Council Assembly of Engineering	1978
20160013503	Space Shuttle Hydraulic System Assessment	1978
20160013519	OFT-1 Critical Functions Assessment by Mission Phase	1978
20160013591	Science Working Group Report for Venus Orbiting Imaging Radar 1984 Mission	1978
20160013757	Network Operations Plan for HELIOS	1978
20160014788	SSME Update for National Academy of Engineering NSTL	1978
20160014791	National Research Council Assembly of Engineering	1978
20170000899	System Specification for the Space Transportation System	1978
20170001002	System Specification for the Space Transportation System (Department of Defense)	1978
19790007799	Design and analysis of an active jet control system for helicopter sling loads	1979
19790008716	Mastery of Outer Space in the USSR in 1976	1979
19790009214	Influence of the planets on the interplanetary medium and the weather	1979
19790009362	Man in space and on earth	1979
19790009599	Observations of artificial celestial bodies. Transactions of the Seminar on New Methods of Satellite Geodesy	1979
19790009609	Internal friction Q factor measurements in lunar rocks	1979
19790009641	Aeroelastic addition to NASTRAN	1979
19790009724	Langley Research Center OEX task team report	1979
19790009904	An Assessment of the Risks Presented by the Use of Carbon Fiber Composites in Commercial Aviation: Executive Summary	1979
19790009908	Carbon Fiber Release Conditions	1979
19790009911	Equipment Vulnerability Analysis	1979
19790011260	LANDSAT 3 world standard catalog	1979
19790011643	A commercial airport noise environment: Measurement, prediction and control	1979
19790011807	The Rotation of Venus. Part 1: Atmospheric Tides. Part 2: Obliquity and Evolution	1979
19790012017	Fabrication and testing of nongraphitic superhybrid composites	1979
19790012797	Recapitulation of sun-weather relationships	1979
19790013835	Aerodynamic design of the space shuttle orbiter	1979
19790013970	Network functions and facilities	1979
19790013971	The DSN programming system	1979
19790013972	DSN testing and training system, Mark III-7	1979
19790013973	Voyager support	1979
19790013974	Pioneer Venus multiprobe entry mission support	1979
19790013975	Near-earth tracking and data system support for the Pioneer Venus 1978 missions	1979
19790013976	Estimated displacements for the VLBI reference point of the DSS 13 26-m antenna	1979
19790013977	Multipath effects on the time delays of microwave Cassegrainian antennas	1979
19790013978	Extrapolated UT1 effect on VLBI clock synchronization	1979
19790013979	Receiver design concepts for delta VLBI and differential one-way range	1979
19790013980	On improved ranging, 2	1979
19790013981	Spectral shaping without subcarriers	1979
19790013982	Unattended operations software systems design	1979
19790013983	Dual A/D converter with automatic DMA block-transfer capability	1979
19790013984	A note on digital signatures	1979
19790013985	A general logic structure for custom LSI	1979
19790013986	An efficient soft decision decoding algorithm for block coding	1979
19790013987	Precise extraction of geometrical dependence from solar wind columnar turbulence measurements	1979
19790013988	A reexamination of the radial dependence of weak interplanetary scintillation	1979
19790013989	A unified observational theory for solar wind columnar turbulence	1979
19790013990	Further Results on Fast Transforms for Decoding Reed-Solomon Codes over GF (2 to the n Power) for n Equals 4,5,6,8	1979
19790013991	Wideband data error rates	1979
19790013992	Computerized simulation and parameterization of a new high-performance tubular solar collector	1979
19790013993	DOMSAT CW transmission bent pipe investigation: Initial phase noise measurements via RCA SATCOM link	1979
19790013994	DSN VHF transmitting array backup command uplink for Voyager 2	1979
19790013995	X-3060 klystron design improvement program status	1979
19790013996	Radio frequency carrier arraying	1979
19790013997	Spectral signal indicator	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790013998	S-X 34-meter conversion receiver and microwave performance	1979
19790013999	Implementation of the DSN VLBI correlator	1979
19790014000	The symbol synchronizer assembly	1979
19790014258	Heat transfer to a full-coverage, film-cooled surface with compound-angle (30 deg and 45 deg) hole injection	1979
19790014820	A new sun: The solar results from Skylab	1979
19790015741	Aircraft icing	1979
19790015807	Active control for the Total-In-Flight simulator (ACTIFS)	1979
19790016487	Proximity-vision system for protoflight manipulator arm	1979
19790017498	Solar variability and terrestrial weather	1979
19790017582	Overall loudness of steady sounds according to theory and experiment	1979
19790018241	Automotive fuel economy and emissions experimental data	1979
19790018306	Solar thermal power-conversion system	1979
19790018307	Rankine-cycle component characteristics	1979
19790018308	Brayton-cycle component characteristics	1979
19790018309	Stirling engine characteristics	1979
19790018310	Speed reducers-increasers	1979
19790018311	Commercial synchronous alternating-current generators	1979
19790018312	Power-conversion system component summation	1979
19790018313	Candidate power-conversion system cycles, appendix A	1979
19790018540	CAT information display system users manual	1979
19790018969	Turbine engine altitude chamber and flight testing with liquid hydrogen	1979
19790019330	Vibration of bearings	1979
19790019468	Remote sensing of leaf water content in the near infrared	1979
19790020285	Laser anemometer measurements at the exit of a T63-C20 combustor	1979
19790020286	Prediction of expansion-tube flow conditions using a nondimensional velocity number	1979
19790020939	Conceptual design study of an automotive Stirling reference engine system	1979
19790021516	Assessment of plume rise and dispersion models using lidar data	1979
19790022401	AMMRC automated stress-strain data analysis, storage, and retrieval. Part 3: Computer program listings	1979
19790022748	Aerospace Medicine and Biology: A Continuing Bibliography with Indexes, Supplement 196	1979
19790023052	Theoretical and experimental investigation of ground-induced effects for a low-aspect-ratio highly swept arrow-wing configuration	1979
19790023221	Effect of tin-plating upon adhesive bonding of polycarboxylate cements	1979
19790023357	A Navier-Stokes fast solver for turbulent modeling applications	1979
19790024063	Retrieval of Asteroidal Materials	1979
19790024460	Characterization of solar cells for space applications. Volume 9: Electrical characteristics of Spectrolab BSF, textured, 10-ohm-cm 200-micron cells as a function of intensity, temperature, and irradiation	1979
19790024828	Long-term storage of irradiated CANDU fuel under water	1979
19790024830	Risk assessment for radioactive waste disposal	1979
19790024944	Aeronautics and space report of the President, 1978 activities	1979
19790024951	Neptune: Limb brightening within the 7300 angstrom methane band	1979
19790025798	An application of catastrophe theory to edge-tone phenomena	1979
19790025880	Crystal growth configuration thermal analysis	1979
19790025948	Introduction to Skylab	1979
19790025949	Stellar and galactic astronomy	1979
19790025950	Interplanetary dust	1979
19790025951	Observations of Comet Kohoutek	1979
19790025952	Energetic particles	1979
19790025953	The earth's atmosphere	1979
19790025954	Orbital environment	1979
19790063239	Pioneer Venus Probe Targeting Maneuver Design	1979
19790067688	Attachment to autoclaved soil of bacterial cells from pure cultures of soil isolates	1979
19790073978	Aerothermodynamic data base, phase C. Data file contents report	1979
19790074139	Office of Legislative Affairs: Legislative activities report, volume 18, number 1	1979
19790074140	Office of Legislative Affairs: Legislative activities report, volume 18, number 2	1979
19790074171	Exhibit A: Design, fabrication and delivery of TRS and MDA mockups. Exhibit B: Development of remotely controller vehicle and target mockups for docking lighting evaluation	1979
19790074172	Introduction	1979
19790074173	Description of exhibit A tasks and deliverables	1979
19790074174	Description of exhibit B tasks and deliverables	1979
19790074181	Mission Operation Report. Delta Launch USAF/SCATHA Mission	1979
19790074231	Direct contract no. 52/78 specifications	1979
19790074827	Aerothermodynamic data base. Data file contents report	1979
19790075165	Evaluation of the space disposal of defense nuclear waste, Phase 2. Volume 3: Supporting research and technologies licensing and flight test requirements	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790075225	Results for advanced Trefftz plane drag optimization technique in vortex lattice wing design program	1979
19790075282	Shuttle program. Shuttle launch window design: Sunrise-sunset times and ascending node opportunities	1979
19790075283	Shuttle program. Shuttle entry guidance	1979
19790075779	Press abstracts: 10th Lunar and Planetary Science Conference	1979
19790075819	Shuttle program. Shuttle OFT level C: Navigation requirements, entry through landing	1979
19790076111	Error propagation in orbital motion equations using Runge-Kutta methods	1979
19790076135	SPAR V technical report for experiment 74-37 contained polycrystalline solidification in low-g	1979
19790076161	Effects of heating on magnetic properties of meteoritic and lunar samples: Application to paleointensity studies	1979
19790076241	Aerothermodynamic data base data file contents report, phase C	1979
19790076242	Results of thin skin thermocouple tests conducted in the AEDC VKF tunnel a to determine heat transfer rates on a .0275 scale SSV ET forebody (fh15)	1979
19790076243	Payload integration plan, Spacelab 1	1979
19790076244	Data requirements for the payload data package annex, annex 1, revision A	1979
19790076245	Payload integration plan. STS/TDRSS Space Transportation System and Tracking and Data Relay Satellite System	1979
19790076246	OSTA-1, preliminary	1979
19790076247	Office of Space Sciences payload (OSS-1)	1979
19790076248	Bench program verification plan and results	1979
19790076249	Geostationary Operational Environmental Satellite GOES payload	1979
19790076250	Ku-band communications alternatives for an earth observation flight	1979
19790076251	IMU orbit alinement: Accuracy during STS-1 passive thermal control tracking	1979
19790076253	Payload integration plan. Space transportation system and office of space and terrestrial applications payload (OSTA-1)	1979
19790076254	Flight Design System-2 (FDS-2) software design and description. Volume 1: Top level system design and description	1979
19790076255	Payload integration plan. Space transportation system and solar maximum mission (retrieval only)	1979
19790076328	Strain measurements in composite bolted-joint specimens	1979
19790076437	Meteorological applications of synthetic aperture radar	1979
19790076486	Feasibility study of real time fatigue damage processor. Volume 2: The framing concept	1979
19790076505	The role of large scale disturbances in flow/surface noise generation	1979
19790076541	Study of Sample Drilling Techniques for Mars Sample Return Missions	1979
19790076542	The study of the physics of cometary nuclei	1979
19790076543	Investigations of stellar chromospheres and coronae	1979
19790077249	Compressible turbulent boundary layer interaction experiments	1979
19790077276	Methods of fabrication of large photodiode/amplifier arrays	1979
19790077333	Aether Drift and the isotropy of the universe: A measurement of anisotropies in the primordial black-body	1979
19790077373	Results of a high angle-of-attack aero heating pressure test on a 0.0175-scale model (92-0) of the OV-102 configuration Space Shuttle Orbiter in the AEDC VKF tunnel B (OH5-A/B)	1979
19790077374	Experimental results of tests to determine the effects of orbiter Thermal Protection Subsystem (TPS) tiles on panel flutter conducted in the Ames Research Center 2 x 2 foot transonic wind tunnel	1979
19790077375	Payload operations control center. Office of Space Science payload (OSS-1), preliminary	1979
19790077376	Shuttle OFT. Level C: Navigation requirements, ONORBIT	1979
19790077377	Payload integration plan. Space transportation system and MDAC payload assist module, delta class	1979
19790077378	Payload integration plan. Space transportation system and Office of Space and Terrestrial Applications payload (OSTA-1), revision B	1979
19790077380	Shuttle orbiter turbulence simulation model development	1979
19790077381	High-speed trajectory determination processor accuracy during STS-1 pre-MECO ascent	1979
19790077382	DMS/space shuttle activities	1979
19790077383	Training annex. Office of Space Science payload (OSS-1)	1979
19790077384	Payload data package annex. Get Away Special (GAS)	1979
19790077385	Crew compartment annex: Get Away Special (GAS)	1979
19790077387	Flight Design System-2 (FDS-2) software design and description. Volume 6: Subsystem Y architecture	1979
19790077388	Pank-angle solution for steering with angle of attack, sideslip, and inertial roll. Space shuttle first-stage ascent	1979
19790077389	Crew compartment annex Office of Space and Terrestrial Applications payload (OSTA-1)	1979
19790077390	STS-2 conceptual flight profile	1979
19790077449	Workshop on Remote Sensing of volcanic Gases: Current Status and future directions	1979
19790077482	Development of an improved high efficiency thin silicon solar cell	1979
19790077511	Collection, reduction, and interpretation of neutral atmospheric measurements	1979
19790077596	Master list and index to NASA Headquarters issuances	1979
19790077613	Summary of a Workshop on Experimental Approaches to Comets, including abstracts	1979
19790077949	Results of boundary layer transition tests of the 0.025-scale right-hand wing and truncated aft fuselage model (94-0) in the AEDC VKF B hypersonic wind tunnel (QH90A, MA29)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790077951	Heat transfer and pressure tests on a0.01 scale space shuttle model (59-OT) in the Calspan hypervelocity shock tunnels, IH43	1979
19790077952	Shuttle program flight design system-2 User's requirements. User interface and the flight design system executive	1979
19790077953	Aerothermodynamic data base monthly data file contents report, phase F	1979
19790077954	Results of Aerothermodynamic Heat Transfer Tests on a 0.03-Scale Model (93-0) Simulating the Elevon/Elevon Gap and Elevon/Fuselage Interface Regions of the Space Shuttle Orbiter in the Ames Research Center 3.5-Foot Hypersonic Wind Tunnel (QH58)	1979
19790077955	Payload integration plan. Space transportation system and Intelsat 5	1979
19790077956	STS-1 operational flight profile. Volume 6: Abort analysis - cycle 2	1979
19790077958	Results of space shuttle heat transfer tests using a 0.01-scale model (37-OT) in the Calspan hypersonic shock tunnel (test IH33)	1979
19790077959	Results of an investigation of aerodynamic forces, moments, and pressures on 0.03 scale models of the mated space shuttle orbiter and carrier aircraft (model) numbers 47-0 and AX1319P-1) in the Boeing transonic wind tunnel, CA9, volume 1	1979
19790077960	Results of an investigation of aerodynamic forces, moments and pressures on 0.03 scale models of the mated space shuttle orbiter and carrier aircraft (model numbers h7-0 and AX1319P-1) in the Boeing transonic wind tunnel, CA9, volume 2	1979
19790077961	Aerothermodynamic data base. Monthly data file contents report, phase C	1979
19790077962	Orbiter command and data annex	1979
19790077963	Payload integration plan. Space transportation system and geostationary operational environmental satellite	1979
19790077964	Orbiter command and data annex. Office of Space Science payload (COSS-1): Preliminary	1979
19790077965	Spacelab timing analysis	1979
19790077967	Elliptic Lambert for space shuttle onboard software	1979
19790078366	Lunar nomenclature	1979
19790078436	Shuttle program STS-1 operational flight profile. Volume 5: Descent cycle 2. Appendix C: Monte Carlo dispersion	1979
19790078437	Institutional data systems division orbital flight test contingency support plan	1979
19790078438	Safety policy and requirements: For payloads using the Space Transportation System (STS)	1979
19790078439	Convective heat-transfer test results for a gap, cylindrical-protuberance, and shock-impingement flap-plate model (15-0 insert VIII) in the NASA-Ames 3.5-foot hypersonic wind tunnel (IH27)	1979
19790078440	Results of flow angularity tests on a 0.0175-scale space shuttle orbiter model (56-0) on the AEDC UKF B hypersonic wind tunnel (OH102A)	1979
19790078455	Mathematical models of continuous flow electrophoresis	1979
19790078837	Payload integration plan. Space transportation system and get-away special carrier	1979
19790078840	Preliminary trend monitoring system operator's guide	1979
19790078843	Payload integration plan program for STS. Integration plan for STS and orbiter experiments (OEX), STS-1 thru STS-4	1979
19790078845	Payload integration plan program for STS. Data requirements for the POCC annex. Volume 1: JSC POCC requirements	1979
19790078846	Payload integration plan program for STS. Data requirements for the POCC annex. Volume 2: SMCC/remote POCC interface	1979
19790079126	Neurophysiological correlates of space motion sickness	1979
19790079135	IDSD hardware/software baseline configuration document, systems overview	1979
19790079136	Information extraction system requirements specifications document	1979
19790079137	IDSD hardware/software baseline configuration document. Appendix 2: Component and system power and air conditioning data	1979
19790079177	GIM release test plan	1979
19790079272	Design study for countercurrent distribution (CCD) studies	1979
19790079409	Ten years of lunar science: What have we learned?	1979
19790079418	Inverse transonic airfoil design methods including boundary layer and viscous interaction effects	1979
19790079502	Two-dimensional duct flow code	1979
19790079594	The contribution of molecular relaxation in nitrogen to the absorption of sound in the atmosphere	1979
19790079624	Physicochemical basis for evaluating lunar retrogenesis	1979
19790079660	Flight operations support annex. Office of Space Science payload (OSS-1)	1979
19790079661	Automatic Data Processing Equipment (ADPE) Management acquisition plan for the Toxicology Laboratory	1979
19790079663	Aerothermodynamic data base monthly data file contents report	1979
19790079664	Payload data package annex. Satellite business systems (SBS) payload	1979
19790079665	Payload data package annex. Tracking and Data Relay Satellite system (TDRS)	1979
19790079667	Small model maker program	1979
19790079668	Subroutines DELTAQ, DELTAB, and DELTGR for the SINDA program	1979
19790079669	Orbital flash evaporator subsystem test. Volume 2: Appendix A (partial)	1979
19790079723	Calculation of the electron specie concentrations in the Jovian probe flowfield	1979
19790079724	Low Reynolds number hypersonic ionizing viscous shock-layer flows over the Jovian probe	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790079760	Low-cost Solar Array Project. Task 1: Silicon Material. Investigation of the Hydrogenation of SiCl ₄	1979
19790079761	Anti-reflection coating on large area glass sheets	1979
19790079762	The development of a method of producing etch resistant wax patterns on solar cells	1979
19790079871	Resonant charge transfer in He(+) -He collisions studied with the merging beams technique	1979
19790079892	NASA Interactive Planning System (NIPS)	1979
19790079893	NASA Interactive Planning System (NIPS) specification document	1979
19790079894	NASA Interactive Planning System (NIPS) user guide	1979
19790079895	NASA Interactive Planning System (NIPS) utility routines software documentation	1979
19790079896	NASA Interactive Planning System (NIPS) Program Management Report (PMR) documentation	1979
19790079897	NASA Interactive Planning System (NIPS) Long Range Planning/Program Operating Plan (LRP/POP) software documentation	1979
19790079898	NASA Interactive Planning System (NIPS) Research and Technology Operating Plan (RTOP) documentation	1979
19790079900	Data reduction complex, data distribution center storage and archival requirements	1979
19790079973	Shuttle Test Station (STS) equipment power-up/power-down procedures	1979
19790079974	Test operations center operational readiness verification test procedure FR 1400 recorders	1979
19790079978	Results of an investigation of aerodynamic forces, moments, and pressures on 0.03-scale models of the mated space shuttle orbiter and carrier aircraft (model nos.47.0 and AX1319P-1) in the Boeing transonic wind tunnel (CA9), volume 3	1979
19790079979	Results of an investigation of aerodynamic forces, moments, and pressures on 0.03-scale models of the mated space shuttle orbiter and carrier aircraft (model nos.47-0 and AX1319P-1) in the Boeing transonic wind tunnel (CA9), volume 4	1979
19790079980	Results of the NASA/RI orbiter wing, tip heating test with the 0.08-scale orbiter wing model (91-0) in the AEDC VKF B hypersonic wind tunnel (OH56)	1979
19790079981	OSS-1 space science payload. Office of Space Science payload integration plan	1979
19790079982	Payload integration plan. STS/TDRSS Space Transportation System and Tracking and Data Relay Satellite System, revision B	1979
19790079983	Training annex: OSTA-1 payload	1979
19790079984	Office of Space and Terrestrial Applications Payload (OSTA-1). Final baseline, revision A. Orbiter command and data annex	1979
19790079985	Orbiter command and data annex. Geostationary operational environmental satellite (GOES-D/PAM-A), preliminary	1979
19790079986	Flight planning annex. Get Away Special (GAS) flight test payload	1979
19790079987	Elliptic lambert for space shuttle onboard software	1979
19790079988	Quick-Look Station (QLS) operator's guide	1979
19790079989	Crew compartment annex orbiter experiments project	1979
19790079991	Aerothermodynamic data base: Monthly data file contents report, phase C	1979
19790080001	Studies on lasers and laser devices	1979
19790080008	Data acquisition and path selection decision making for an autonomous roving vehicle	1979
19790080014	Automated Solar Panel Assembly Line. LSA Task, Production Processes and Equipment	1979
19790080050	Central nervous mechanisms affecting salt/water balance	1979
19790080054	Transition probabilities in multiply ionized atoms	1979
19790080073	Gravitational waves from rotating and precessing rigid bodies. 1: Simple models and applications to pulsars	1979
19790080074	Balloon borne measurements of the near ultraviolet solar spectrum	1979
19790080090	commercial air transportation in the next three decades	1979
19790080102	Flight techniques used in determining compliance of aircraft with requirements for satisfactory lateral control	1979
19790080107	Orbiter flash evaporator subsystem test, volume 3, appendix A (partial)	1979
19790080110	Design, fabrication and test of graphite/polyimide composite joints and attachments for advanced aerospace vehicles	1979
19790080170	NASA Standard Transponder Radiation Study: Deep Space Transponder	1979
19790080210	The Establishment of a Production-ready Manufacturing Process Utilizing Thin Silicon Substrates for Solar Cells	1979
19790080338	Mosaic crystal devices for stellar and solar X-ray spectroscopy and polarimetry	1979
19790080364	Simultaneous X-ray photometric, spatial, and polarimetric observations of the Cygnus X-2 field	1979
19790080367	Solar X-ray astronomy	1979
19790080368	Study of X-ray polarization of solar flares	1979
19790080369	Study of nonequilibrium conditions in active regions during solar flares	1979
19790080370	Analysis and interpretation of rocket x-ray polarimetric data for solar X-ray astronomy	1979
19790080371	Study of instrumentation design parameters for solar X-ray polarization experiments	1979
19790080372	Solar X-ray polarimetry	1979
19790080394	US experiments to ride Soviet satellite	1979
19790080397	HEAO-C prelaunch summary	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790080400	Results of an Investigation of Aerodynamic Forces, Moments, and Pressures on 0.03-Scale Models of the Mated Space Shuttle Orbiter and Carrier Aircraft (Model Numbers 47-0 and AX1319P-1) in the Boeing Transonic Wind Tunnel (CA9), Volume 5	1979
19790080401	Aerothermodynamic data base monthly data file contents reports	1979
19790080524	Space medicine: Past, present, and future	1979
19790080526	The development of special instrumentation to support cardiovascular studies in space	1979
19790080553	Population projections, Virginia counties and cities, 1980-2000	1979
19790080556	Technology Application Center	1979
19790080568	Basic aerodynamics	1979
19790080579	Technological problems of flight vehicle design	1979
19790080580	Study to investigate design, fabrication and test of low cost concepts for large hybrid composite helicopter fuselage, phase 3	1979
19790080581	Supersonic cruise vehicle technology assessment study of an over/under engine concept, volume 1	1979
19790080589	A study of acoustic fluctuations in the Langley 8ft transonic pressure tunnel	1979
19790080590	First results of the scientific experiments onboard Venera-11 and Venera-12	1979
19790080592	Production and behavior of materials in space	1979
19790080605	Design study of teleoperator space spider	1979
19790080606	Design study of teleoperator space spider, appendix A	1979
19790080607	Design study of teleoperator space spider, appendix B	1979
19790080610	Structural attachments for large space structures. Task 2: Detailed design of attachments	1979
19790080613	The 25 kW power module solar array preliminary design	1979
19790080617	Study of temperature dependence of the Chappuis band absorption of ozone	1979
19790080619	Carbon/graphite fiber risk analysis and assessment study, volume 1	1979
19790080620	NASA/IITRI manufacturing process applications team (MATeam).	1979
19790080622	Refraction of millimeter radio emission from space sources near the horizon	1979
19790080625	Digicon development program	1979
19790080627	Determination of the moisture content of the earth's cover by superhigh frequency radiometric methods, a review	1979
19790080628	Geological study of the earth from space	1979
19790080631	Remote sounding of the atmosphere	1979
19790080633	Space geophysics: Materials of the All-Union Seminar on Methods of Interpreting Satellite Information on Hydrometeorological parameters of natural environment	1979
19790080634	Study of the ocean from space	1979
19790080641	Skeleton morphology of inbred rats in hypokinesia and variants of its rehabilitation	1979
19790080642	Morphological Changes in the Digestive Organs during Prolonged Space Flight in the Kosmos-782 Biosatellite	1979
19790080649	Mental performance and pattern of behavioral reactions of crew of biological life support system with autonomous control	1979
19790080650	A gas chromatograph study of liquid cultures of microorganisms as a method of detecting extraterrestrial life	1979
19790080653	Auger spectra and L23 ionization cross sections of magnesium and aluminum bombarded with protons and heavy ions (10 - 100 keV)	1979
19790080654	New Mathematical methods and the physical yields during crystal plasticity	1979
19790080655	Cost estimation for research aircraft projects	1979
19790080656	Operation of the Computer Software Management and Information Center (COSMIC)	1979
19790080658	All-terrain vehicles: Yesterday, today, tomorrow	1979
19790080662	Mass-spectral study of the chemical composition of the atmosphere of Venus by Venera 9 and 10 unmanned space probes	1979
19790080663	Thermal radiation of the planets	1979
19790080666	The application of cryogenics in experimental aerodynamics	1979
19790080667	Analysis of an upper-surface-blowing configuration	1979
19790080669	Definition analysis for the search and rescue satellite aided tracking US mission control	1979
19790080670	Advanced concept studies for supersonic vehicles	1979
19790080671	AH-1G helicopter rotor aerodynamic and acoustic data analysis for descent and high forward speeds, volume 1	1979
19790080672	AH-1G helicopter rotor aerodynamic and acoustic data analysis for descent and high forward speeds, volume 2	1979
19790080673	Data acquisition system for the NASA-Ames Cessna 402B aircraft	1979
19790080674	Instrumentation calibration manual for UH-1H helicopter with V/STOLAND system	1979
19790080676	Cosmonautics and scientific experimentation: Problems of methodology	1979
19790080677	Mission requirements for orbit transfer operations. Volume 1: Executive summary	1979
19790080678	Mission requirements for orbit transfer operations. Volume 2: Technical report	1979
19790080679	Mission requirements for orbit transfer operations. Volume 3: Appendices	1979
19790080686	Skylab reactivation data analysis	1979
19790080687	Study of large space structure experiments using Skylab	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790080689	Capacitive reset integrator (CAPRI) evaluation	1979
19790080691	Carbon/graphite fiber risk analysis and assessment study. Volume 2: Statistical assessment of fire damage to airframe components	1979
19790080692	Mechanism of pulsating combustion of the liquid fuel fed to the air flow through the circulation zone behind the flame stabilizer	1979
19790080693	Electrostatically formed antennas (test concept)	1979
19790080712	Sensor for measuring local heat fluxes of high intensity	1979
19790080713	Space photography	1979
19790080714	Satellite Monitoring of the Climate	1979
19790080715	The change in protein fractions of a human skeletal muscle (the soleus muscle) under the effects of hypokinesia	1979
19790080717	Software for space experiments	1979
19790080720	An investigation of a full-scale rotor with four blade tip planform shapes	1979
19790080721	Evaluation of bicone and translating centerbody inlets for A M = 2.2 supersonic cruise vehicle	1979
19790080722	Wind Tunnel Investigation of Supersonic Aerodynamic Characteristics of a Model Simulating the SA-N-3 (Goblet) Missile	1979
19790080723	Piloted simulator study of high-angle-of-attack characteristics of F-14 airplane with maneuver slats (U)	1979
19790080726	An investigation of low speed lateral acceleration characteristics of supersonic cruise transports utilizing the Total In-Flight Simulator (TIFS)	1979
19790080727	Technology application study of a supersonic cruise vehicle	1979
19790080729	Simulation of F-16 Airplane on Langley's Differential Maneuvering Simulator (U)	1979
19790080730	Pressure distribution data from tests of aspect-ratio-10 EET high-lift research model equipped with part- and full-span flaps (U)	1979
19790080731	Results of parametric studies on advance baseline configuration in Langley differential maneuvering simulator (U)	1979
19790080735	Conquest of outer space in the USSR, 1977	1979
19790080736	Space launching complexes	1979
19790080737	Main propulsion system hardware/software interfaces	1979
19790080740	Stability of spaceflight vehicles: New tasks and methods	1979
19790080741	Effect of flight altitude, artificial plasma and pitch-angle of electron injection on process of neutralizing rocket charge in experiment Araks	1979
19790080742	Fatigue behavior of graphite-epoxy laminates at elevated temperatures	1979
19790080743	Electrodeposition of zinc from alkaline solutions using a three-component pulsed current	1979
19790080745	Orbital propellant handling and storage systems definition study. Volume 1: Executive summary	1979
19790080746	Orbital propellant handling and storage systems definition study. Volume 2: Technical	1979
19790080748	Microwave radiation of the Earth's surface in the presence of vegetation cover	1979
19790080749	Development and test of a redundancy management algorithm for an electromechanical actuator subsystem	1979
19790080750	Use of microchannel plates to record ions with energy of several kiloelectron-volts	1979
19790080753	Fundamentals of designing space sextants	1979
19790080754	Study of an advanced flow laser. Part 1: Gasdynamic laser concept (U)	1979
19790080755	Study of an advanced flow laser. Part 2: Chemical laser concept (U)	1979
19790080757	Investigation of characteristic features of the Earth surface temperature field in the oil and gas areas of the Dnieper-Donets depression for detecting the criteria of remote oil and gas prospecting	1979
19790080758	Data systems study to provide user required information for stratospheric pollution monitoring	1979
19790080759	Observation of the electron flows scattered in the atmosphere in the ARAKS experiment	1979
19790080760	Observation of anomalous atmospheric phenomena in the USSR. Statistical analysis. Results of processing the first sampling of observation data	1979
19790080761	The problem of carbon dioxide gas	1979
19790080762	Organisms and gravity. Materials of the First All-Union Conference Gravity and the Organism	1979
19790080763	Xerophytic microorganisms reproducing in near-Martian conditions	1979
19790080764	Circadian rhythms of physiological functions as indicators of the organisms regulatory systems under extreme conditions	1979
19790080765	Heat regulation under prolonged limitation of muscular activity	1979
19790080766	Psychological problems of space flights	1979
19790080767	Numerical modelling of the high speed collision on an semi-infinite target	1979
19790080768	On the choice of an m-sequence when constructing a pseudorandom image	1979
19790080769	STS-1 six-degree of freedom Monte Carlo dispersion analysis. Autoland through landing - descent, cycle 2	1979
19790080770	Radiation transfer in molecular and atomic lines	1979
19790080771	Space and problems of world economics	1979
19790080773	Distribution of stars around a black hole: Numerical solution of the kinetic equation with collisions	1979
19790080774	Equilibrium of rotating gas disks of finite thickness	1979
19790080775	The first panoramas of the Venus surface	1979
19790080776	Radio-frequency mass-analyzer of the increased sensitivity for research of the upper atmosphere of the Earth and planets	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082034	Translation on USSR science and technology: Physical sciences and technology	1979
19790082035	Seminars on theory and practice of scientific-technical information	1979
19790082036	Exhibits at the 1978 Leipzig spring fair in the fields of metrology, data acquisition, and data-processing systems	1979
19790082037	The detection of a quasiharmonic signal having an unknown frequency in noise of an unknown power and special form	1979
19790082038	Wave spectrum conversion using spatial harmonics	1979
19790082039	Studies of the surface of water areas using microwave radiometry (Review)	1979
19790082046	Influence that gasdynamic motion of the active medium during the pumping pulse has on the angular divergence of emission from elektron-beam-controlled lasers	1979
19790082134	France: Nuclear, missile, and space developments	1979
19790082135	WEU proposes establishment of meteorological satellite system	1979
19790082136	Details of European Space Agency's 1979 budget provided	1979
19790082137	Mobile telemetry station for Ariane tracking delivered	1979
19790082138	Mechanical qualification tests of APPLE, METEOSAT 2 reported	1979
19790082225	Translations on USSR science and technology: Physical sciences and technology	1979
19790082226	Digital detection of incoherent pulse signals for the case of a changing noise power	1979
19790082227	Two-stage search for a moving target	1979
19790082228	Surface waves in distributed-coupling integrated optics components (review article)	1979
19790082229	Radiation-optical stability of low-loss glass fiber optical waveguides	1979
19790082230	Fiber-optic data link for telecommunications systems	1979
19790082231	Feasibility of developing optical memory elements based on GaAs MDP structures	1979
19790082232	Thermal radio radiation from clouds	1979
19790082233	Amplifying dynamic holograms	1979
19790082240	Translations on USSR science and technology: Physical sciences and technology	1979
19790082241	Calculating the characteristics of antennas in the form of loaded arrays suspended low above the earth with damped periodicity	1979
19790082242	Plane internal waves arising in a stratified fluid during flow around a source-discharge system	1979
19790082243	Translations on USSR science and technology: Physical sciences and technology	1979
19790082244	The resonance array and its application to the design of solid-state microwave devices	1979
19790082245	Estimating the properties of periodic structures for multibeam microwave devices	1979
19790082246	Experimental investigation of oscillations of a free surface induced by internal waves	1979
19790082247	Internal waves generated by local perturbations in a two-layer stratified fluid	1979
19790082248	Translations on USSR science and technology: Physical sciences and technology	1979
19790082249	The mutual impedance of dipole radiators in an antenna array with a multi-layer dielectric cover	1979
19790082250	The calculation of the operating characteristics of a channel for protecting against crosstalk interference in a Doppler speed measurement set	1979
19790082251	A standard microwave noise generator	1979
19790082252	Salyut 6 orbital and attitude control system described	1979
19790082253	Dynamic holograms with stimulated light scattering	1979
19790082374	The Antarctic: Main results of 20 years of research in the Antarctic	1979
19790082375	Twenty years of Soviet research in the Antarctic	1979
19790082376	Antarctic research cooperation on international level hailed	1979
19790082377	Status and prospects of meteorological research in Antarctica	1979
19790082378	Results of Soviet research in the Southern Ocean	1979
19790082379	Soviet Antarctic geological research accomplishments summarized	1979
19790082380	Features of atmospheric circulation in Antarctica and of the circulation of Southern Ocean Waters	1979
19790082381	Study of the biological resources of the Southern Ocean	1979
19790082382	Human adaptation and health in Antarctica	1979
19790082383	State of human immunity under the extreme conditions of Antarctica	1979
19790082384	Meteorology and Hydrology, no. 11	1979
19790082385	Model of dynamics of the atmosphere with few parameters of the spectral-difference type	1979
19790082386	Solution of equations of hydrodynamics on a sphere	1979
19790082387	Numerical model of a hydrodynamic forecast using the integral laws of conservation of quasistatic atmospheric processes	1979
19790082388	Results of testing of models of short-range hydrodynamic forecasting of the pressure field for the territory of the Central Asia region	1979
19790082389	Prediction of the surface pressure field for several days in advance	1979
19790082390	Wind determination from the displacement of cumulus clouds	1979
19790082391	Hail growth in supercellular hail clouds	1979
19790082392	Complex method for determining the water mass in glaciers	1979
19790082393	Synoptic conditions for changes in position of the Gulf Stream	1979
19790082394	Three- and two-dimensional models of spreading out of river discharge upon entry into the sea	1979
19790082395	Freezing of lowland swamps and the influence of their drainage on the depth of freezing	1979
19790082396	Investigation of an aircraft liquid generator of ice-forming aerosols	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082397	Investigation of pebbly channel sediments in rivers using underwater photography	1979
19790082398	Meteorology and Hydrology, no. 12, December 1978	1979
19790082399	Natural components of small samples with a large number of parameters	1979
19790082400	Some characteristics of wave orographic cloud cover over the Middle and Northern Urals	1979
19790082401	Statistical indices of spatial distribution of precipitation in the experimental meteorological polygon	1979
19790082402	Increase in the visibility range of laser beacons in a fog	1979
19790082403	Spring restructuring of the temperature and pressure field in the southern hemisphere	1979
19790082404	Relationship between atmospheric pressure and the level of the northwestern part of the Pacific Ocean	1979
19790082405	Equilibrium model of Langmuir circulation in the ocean	1979
19790082406	Improved models of water discharge and evaluations of accuracy of its measurement by the velocity-area method	1979
19790082407	Determination of the parameters of ground permeability from unstable infiltration curves	1979
19790082408	Forming of archives of observational data for the First Global Experiment GARP	1979
19790082409	Automation of collection, processing and analysis of oceanographic information on the basis of small electronic computers	1979
19790082410	Methods of image recognition theory in problems involving analysis and prediction of meteorological fields	1979
19790082437	Translations on USSR science and technology: Biomedical and behavioral sciences, effects on nonionizing electromagnetic radiation	1979
19790082438	Changes in the physiological processes of hydrobionts when exposed to a constant magnetic field	1979
19790082439	The effect of electric fields on drosophila behavior	1979
19790082440	The effect of strong magnetic fields on the active transport in the choroid plexus	1979
19790082441	Change into conductivity of alameticin-modified phospholipid membranes exposed to a high frequency electromagnetic field	1979
19790082442	Temperature reaction and survival of experimental animals exposed to various intensities of microwaves	1979
19790082443	Translations on USSR science and technology: Biomedical and behavioral sciences	1979
19790082444	Effect of artificial gravity during space flight on water soluble protein content of nerve tissue structures	1979
19790082445	Bekhtereva discusses artificial influencing of human mind	1979
19790082548	CAB Current Awareness Bulletin, issue no. 50, 26 January 1979	1979
19790082549	CAB Current Awareness Bulletin, issue no. 49, 12 January 1979	1979
19790082737	Experimental seismic studies of the earth's interior	1979
19790082740	Translations on USSR science and technology: Biomedical and behavioral sciences	1979
19790082741	Classification of neurotic and psychopathic states	1979
19790082742	Mutual relationships between physician and patient and their influence on psychotherapy of neurotic patients	1979
19790082743	Lomov views future of Soviet psychology	1979
19790082744	Translations on USSR science and technology: Biomedical and behavioral sciences	1979
19790082745	Processing visual information in a situation of ultimate responsibility	1979
19790082797	Translations on USSR science and technology: Biomedical and behavioral sciences	1979
19790082798	Instruments for the study of biopolymers	1979
19790082799	Symposium on biotechnology and bioengineering	1979
19790082806	Translations on USSR science and technology: Physical sciences and technology	1979
19790082807	Experimental investigations of the magnetospheric propagation of short wave signals along an earth-earth path	1979
19790082808	Ionospheric generation of extremely low frequency radiation	1979
19790082809	Mechanisms of magnetospheric propagation of shortwave signals	1979
19790082810	Seismoacoustic methods in marine engineering and geological surveys	1979
19790082811	Cooperation in space research	1979
19790082812	A reflecting X-ray telescope for an orbital astrophysical station	1979
19790082813	Influence of turbulent atmosphere on wave beam field fluctuations	1979
19790082814	Output disk amplifier stages	1979
19790082820	Development and testing of a trials system for the new DLS nonvisual precision approach and landing system	1979
19790082961	Meteorology and Hydrology, no. 1, January 1979	1979
19790082962	Numerical analysis of meteorological fields with use of satellite data	1979
19790082963	Numerical model of atmospheric dynamics on a spherical earth	1979
19790082964	Modeling of hydrostaticity of large-scale atmospheric processes	1979
19790082965	Automatic control of data from temperature sounding of the atmosphere from meteorological satellites	1979
19790082966	Activity of the hurricane season in the North Atlantic	1979
19790082967	Correlation between circulation peculiarities of the northwestern part of the Pacific Ocean and weather conditions in the southern Far East	1979
19790082968	Numerical modeling of systems for observing and analyzing ozone field	1979
19790082969	Evaluation of the factors forming the microclimate of Alma-Ata city	1979
19790082970	Nonstationary two-parameter model of the man oceanic thermocline	1979
19790082971	Variations in the water volumes in rivers of the Soviet Union	1979
19790082972	Calculations of the stability of freshly falling snow on a slope	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790082973	Calculations of accumulation of melt water by the soil	1979
19790082974	Relationship between distant transmigrations of insects harmful for agricultural crops and atmospheric processes	1979
19790082975	Self-contained radio wave meter for hydrological support of marine drilling	1979
19790082976	Scientific-operational hydrometeorological support for the fishing industry and the merchant marine	1979
19790082977	Similarity, self-similarity, intermediate asymptotic forms. Theory and applications to geophysical hydromatics	1979
19790083035	Experiments on the stability of conical and cylindrical liquid columns at low bond numbers	1979
19790083090	MCIC Current Awareness Bulletin, issue no. 51	1979
19790083113	Translations on USSR science and technology: Physical sciences and technology	1979
19790083114	Description of ASU's Kuntsevo, Lvov, Sirena-1 and Pribor	1979
19790083115	Microwave radiometry methods and the problem of forest and peat fires	1979
19790083116	Soyuz vehicle's parachute braking system described	1979
19790083117	Breakthrough in readaptation of cosmonauts to gravity discussed	1979
19790083118	Numerical analysis of characteristics of a gas dynamical laser	1979
19790083119	Investigation of the generation properties of phosphate glasses in the pulse repetition pumping mode	1979
19790083120	A comparative investigation of pulsed HF and DF-CO ₂ chemical lasers	1979
19790083121	Method for measuring the geometric parameters of quasigaussian laser beams	1979
19790083122	Some results of optimizing the composition of active media and the operating parameters of a gas-discharge CO-laser	1979
19790083123	Evaluation of the accuracy of the laser Doppler velocity meter	1979
19790083146	Investigation of a three axis stabilized satellite transmitting antenna steered electronically over a small angle. Part 1: Three methods of electronic steering	1979
19790083147	Investigation of a three axis stabilized satellite transmitting antenna steered electronically over a small angle. Part 2: Concept choice and system proposal	1979
19790083217	Translations on USSR science and technology: Physical sciences and technology	1979
19790083218	Determination of the moisture content of soil by microwave radiometry methods (review)	1979
19790083221	Translations on USSR science and technology: Biomedical and behavioral sciences	1979
19790083222	Changes in speech characteristics in the presence of emotional stress	1979
19790083223	Signal frequency in a probabilistic environment and strategy of operator behavior	1979
19790083224	A portable instrument for separate recording of tonic and phasic reactions of electrical resistance of the skin	1979
19790083225	Use of polymers in surgery	1979
19790083226	Current problems in space biophytology	1979
19790083227	Theoretical bases of the planning of life-support systems	1979
19790083228	Supporting documentation for the occupational medicine, environmental health, and safety information system project	1979
19790083267	Translations on USSR science and technology: Physical sciences and technology	1979
19790083268	Surface acoustic shear waves in periodic structures on the surface of solids	1979
19790083269	Dynamic errors of a floated integrated gyro	1979
19790083322	France: Nuclear, missile, and space developments, no. 454	1979
19790083323	Naval Crotale missile deliveries for 1979 noted	1979
19790083324	Ariane erected at Guiana Space Center	1979
19790083325	Ariane prelaunch preparations detailed	1979
19790083326	Ariane 1979-1980 test schedule reviewed	1979
19790083330	MCIC Current Awareness Bulletin	1979
19790083370	Translations on USSR science and technology: Physical sciences and technology	1979
19790083371	Nuclear power generating units with RBMK-1000 reactors described, evaluated	1979
19790083372	A method of interchannel synchronization in the playback of a multichannel recording of a wideband signal with frequency division	1979
19790083373	Filtering discrete multifrequency signals in nongaussian interference	1979
19790083374	A shield in the shape of a double ring to shield antennas against interference	1979
19790083375	The structure of a receiver and the optimum detection characteristics for signals with a random initial phase, amplitude and duration	1979
19790083376	The application of the methods of games theory to the recognition of the signals of a source where transforming type interference is present in the channel	1979
19790083377	A quantitative evaluation of the economic engineering efficiency of discontinuous communications service	1979
19790083378	Equivalent parameters of Gunn diode in two-frequency mode	1979
19790083379	Principles of miniaturization of passive microwave strip elements	1979
19790083380	Fundamentals of the theory and technique for neutron activation element and salt analysis of sea water under full-scale conditions	1979
19790083381	Possibility of determining sea water salinity and density from gamma-radiation attenuation	1979
19790083382	Experimental check of a baseless method for measuring the electrical field in the sea	1979
19790083383	Calculation of an equivalent base for a measuring system with current fairing of a rectangular form	1979
19790083478	Translations on USSR science and technology: Physical sciences and technology	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083479	New method of wave front restoration	1979
19790083480	Status, prospects of holography with three-dimensional recording	1979
19790083509	Seismic regionalization of Eastern Siberia and its geophysical foundations	1979
19790083510	Seismogenic deformations and the paleoseismogeological method	1979
19790083511	Structural-tectonic regionalization of the precenozoic basement	1979
19790083512	Basic characteristics of the latest structure	1979
19790083513	Mechanism of latest tectonic movements	1979
19790083514	Mechanism of centers and tectonic stress field	1979
19790083515	Energy classification of earthquakes	1979
19790083516	Strong earthquakes	1979
19790083517	Analysis of the epicentral field: Seismic activity	1979
19790083518	Seismic vulnerability of the Baykal region	1979
19790083519	Earthquake forecasting	1979
19790083520	Seismic regionalization	1979
19790083521	Seismic regionalization of Eastern Siberia and its geophysical foundations, conclusion	1979
19790083524	Translations on USSR Science and technology: Biomedical and behavioral sciences. Effects on nonionizing electromagnetic radiation	1979
19790083525	Advances in magnetobiology	1979
19790083526	Magneto-hydrodynamic and electrohydrodynamic effects in the mechanisms of action of magnetic fields on biological objects	1979
19790083527	Some distinctions of effects of pulsed magnetic fields on conductive fluids and biological systems	1979
19790083528	Destabilization of nonequibrated processes as the basis of the general mechanisms of biological effects of magnetic fields	1979
19790083529	Bioenergetics and regulatory systems of the organism during exposure to magnetic fields	1979
19790083530	Magnetic fields, adaption reactions and resistance of the organism	1979
19790083531	Psychophysiological analysis of nervous system reactions to magnetic fields	1979
19790083532	Effects of variable industrial frequency magnetic field on functional state of the thyroid and thyroxine uptake by rat organs	1979
19790083533	Peculiarities of disruptions in the selection reaction in rats exposed to a modulated and permanent electromagnetic field	1979
19790083534	Reaction of drosophila to electrical field	1979
19790083569	International cooperation in space, legal questions	1979
19790083570	International cooperation in space, legal questions: Introduction	1979
19790083571	The treaty as the basic legal instrument of international cooperation in space development	1979
19790083572	Multilateral collaboration of the socialist nations: The Intercosmos Program	1979
19790083573	Bilateral cooperative programs of the USSR with other countries	1979
19790083574	Space integration in Western Europe	1979
19790083575	International space programs of the United States (political and legal aspects)	1979
19790083576	The role of the United Nations and international nongovernmental organizations in working out and implementing space programs	1979
19790083577	Legal problems of international application space systems	1979
19790083578	International space communications systems: Legal principles of their creation and operation	1979
19790083579	Direct television broadcasting by satellite	1979
19790083580	Space navigation	1979
19790083581	Space meteorology	1979
19790083582	Investigation of earth resources from space	1979
19790083583	The legal status of international orbital stations	1979
19790083586	Translations on USSR Science and technology: Physical sciences and technology	1979
19790083587	TASS publishes first photos of Venus probes	1979
19790083588	Results from and goals for regional geological and geophysical work in the Caspian depression	1979
19790083589	France: Nuclear, missile, and space developments	1979
19790083590	Atlas 2 laser missile guidance pod to be mass produced	1979
19790083591	Nuclear energy program costs, development debated	1979
19790083592	Translations on USSR science and technology. Physical sciences and technology	1979
19790083593	Aspects of the development of ASUP's	1979
19790083594	Feasibility of large radiotelescopes in space examined	1979
19790083595	Structure of the subsalt deposits of the Caspian syncline	1979
19790083596	State of the art of and prospects for research on artificial earth satellite laser detection and ranging equipment	1979
19790083597	A study concerning the use of luminescent screens of ZnS, CdS-AG, OR Ni for the recording of pulsed infrared laser radiation	1979
19790083598	Translations on USSR science and technology: Biomedical and behavioral sciences	1979
19790083599	Conserving fuel and power	1979
19790083600	A comparative investigation of the lymph organs of rats subjected to weightlessness and artificial gravitation during space flight	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790083601	France: Nuclear, missile, and space developments	1979
19790083602	Activities in nuclear fuel cycle reported	1979
19790083603	Development of Ariane propulsion systems detailed	1979
19790083769	MCIC Current Awareness Bulletin, issue no. 52	1979
19790083809	Translations on USSR science and technology: Physical sciences and technology	1979
19790083810	Spatial-time processing of radio signals in radio measurement systems in the general case: Review	1979
19790083811	The Synchronous excitation of the primary harmonic of a field with a periodic structure by an incident nonrelativistic flow	1979
19790083812	Postdetector storage in signal detection channels	1979
19790083813	Processing a signal with a random delay using a digital matched filter	1979
19790083814	The noise immunity of the optimum detection of fluctuating signals in noise of an unknown level	1979
19790083815	The reflection of a quasicontinuous signal from the surface of the earth at small grazing angles	1979
19790083816	Modeling the processes in a self-oscillating system which is acted upon by a reflected delaying signal	1979
19790083817	Corpuscular model of gravitation and inertia	1979
19790083818	Methods of estimating the accuracy, network density and isoanomaly cross section of a gravimetric survey	1979
19790083819	Translations of USSR science and technology: Physical Sciences and Technology	1979
19790083820	Matched surface acoustic wave filter for low transmission rates	1979
19790083821	Noncoherent radar systems	1979
19790083822	Range and bearing accuracy using antenna arrays	1979
19790083823	Elektromagnetic interactions in transmission lines	1979
19790083824	Signal detection on CRT against noise background: Nonparametric model	1979
19790083825	Side-lobe filters for phase-manipulated signals	1979
19790083826	Amplification of wide-band signals in type O traveling-wave tubes	1979
19790083827	A specialized computer for marine digital gravimeters	1979
19790083828	First results of scientific experiments on Venera-11 and Venera-12	1979
19790083829	Investigating the noise characteristics of an optical amplifier in a XE-HE mixture ($\lambda = 3.51$ microns)	1979
19790083830	Investigating the noise of a dc discharge plasma in an optical amplifier operating in a mixture of He and XE	1979
19790083831	Controlling the parameters of microsecond emission pulses	1979
19790083832	A method of restoring laser beam energy distribution from data obtained from a bolometric sensor array	1979
19790084044	Translations on USSR science and technology: Biomedical and behavioral sciences	1979
19790084045	Means of improving efficiency and quality of medical equipment production	1979
19790084046	Consciousness and evoked electrical activity in the cerebral cortex	1979
19790084047	The state of prospects for the long term scientific project Brain to study the mechanisms of higher neurologic activity	1979
19790084048	A morphologic study of adrenal glands of rats after flight on the biosatellites Cosmos-605 and Cosmos-782	1979
19790084049	Another discussion on the mechanisms for historical and cytochemical changes in mammals (rats) during orbital flights	1979
19790084147	Operational test and evaluation emergency locator transmitter	1979
19790084189	AV-8C SLER fatigue analysis report. Appendix A: Backlog fatigue analysis packages	1979
19790084205	AV-8C design loads report	1979
19790084236	France: Nuclear, missile, and space developments	1979
19790084237	French, European space programs seen on the move	1979
19790084238	Ariane launch preparations described: Third stage problems delay launch	1979
19790084239	Future market for Ariane rockets noted	1979
19790084240	Preparations for Ariane launching outlined	1979
19790084241	MATRA's Toulouse space activities outlined	1979
19790084260	Concept evaluation of 4-wheeled missile launcher/transporter	1979
19790084275	Metals and Ceramics Information Center Current Awareness Bulletin, issue 54	1979
19790084276	CAB Current Awareness bulletin issue no. 55	1979
19790084395	Translations on USSR science and technology: Physical Sciences and technology	1979
19790084396	Circuit-design techniques for reducing the switching factor in digital systems based on integrated injection logic	1979
19790084397	I to the 2nd Power L Quasistatic memory cell	1979
19790084398	The relationship between sea wave spectra and the spectral and correlation characteristics of a reflected radio signal	1979
19790084399	Transformation of the sum of two periodic phase modulated signals by a digital side lobe cancellation filter	1979
19790084400	Digital phase-locked loops for processing video signals	1979
19790084401	Translations on USSR science and technology: Physical sciences and technology	1979
19790084402	The law governing the distribution of the error in the measurement of the radar characteristics of complex objects, due to the sphericity of the front of the irradiating wave	1979
19790084403	The action of incoherent multiple point signals on a direction finder with conical scanning	1979
19790084404	An ellipsoidal electromagnetic shield	1979
19790084405	An investigation of L-shaped stripline matching networks	1979
19790084406	The influence of the nonlinear parameters of a medium on the propagation and reflection of electromagnetic waves	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790084407	The television transmission of Fresnel holograms	1979
19790084408	Designing channels with controlled resistive attenuators for a specified shape of the frequency response	1979
19790084409	On the relationships which relate the characteristics of the transient and steady-state modes of linear systems	1979
19790084410	Future course of Soviet manned space flight discussed	1979
19790084411	Generation of single pulses of high-energy laser emission in multichannel Mikron equipment using large rectangular neodymium glass	1979
19790084412	The State Optical Institute and modern optics	1979
19790084413	Holography investigations of the State Optical Institute	1979
19790084414	Modern computer optics at the State Optical Institute	1979
19790084415	New optical glass and crystals	1979
19790084636	Nonionizing radiation protection special study. Laser range, Lima Army Modification Center, Lima, Ohio, 12 October 1978	1979
19790084640	Nonionizing radiation protection special study. Evaluation of two muzzle position sensors for the M60 series tanks July-December 1978	1979
19790084685	Translations on USSR science and technology: Physical sciences and technology	1979
19790084686	Microwave radiation of the surface of the earth where vegetative cover is present	1979
19790084720	Study of the seismic characteristics of large industrial centers	1979
19790084722	Radar measurements of divergence of the wind and vertical flows in the atmosphere	1979
19790084733	Translations on USSR science and technology: Biomedical and behavioral sciences	1979
19790084734	Nutrient yeasts from wood hydrolysates and weakly decomposed peat	1979
19790084735	Work within CEMA in the field of measurements of ionizing radiation	1979
19790084776	Translations on USSR science and technology: Physical sciences and technology	1979
19790084777	Relationship of low-frequency noise levels of the sea to the hydrometeorological situation	1979
19790084778	The capacity of the hydroacoustic communications channel in the presence of scattering on the sea surface	1979
19790084779	Fluctuations of the angle of arrival of a beam upon reflection from a statistically uneven surface	1979
19790084780	The problem of analyzing the energy anomalies of reverberation from soundscattering layers	1979
19790084781	Space-time correlation of the reverberation noise field	1979
19790084782	Spatial correlation of reverberation with regard to acoustic antenna radiation patterns	1979
19790084783	Estimating losses of noise stability of some cross-correlation processing circuits	1979
19790084784	Processing signals of great length in acoustic waveguides devices	1979
19790084785	The noise stability of an antenna consisting of pressure and fluctuating velocity detectors	1979
19790084786	The noise stability of simple and optimum cross-correlation detectors	1979
19790084787	The problem of processing a signal field in a randomly inhomogeneous medium	1979
19790084788	Adaptive detection of noisy signals	1979
19790084789	Secondary processing of multibeam signals under conditions of incomplete a priori information	1979
19790084790	Adaptive detection of signals in a multibeam channel rough prediction of its parameters	1979
19790084791	Nonparametric algorithm for identification of hydroacoustic signals	1979
19790084792	Optimum nonlinear extrapolation for random fields	1979
19790084793	Simulation machine experiments in statistical hydroacoustics: Models, algorithms and measurements	1979
19790084794	Processing hydroacoustic signals by using the analytical properties of estimates of their instantaneous frequency	1979
19790084848	Translations of USSR science and technology: Physical sciences and technology	1979
19790084849	A system for testing microprocessor large scale integrated circuits and microprocessors	1979
19790084850	A signal measurement method for wide range information gathering and processing systems	1979
19790084851	Results of extrapolation of gravity anomalies in structural gravimetric exploration	1979
19790084852	Automation of computations of gravitational influence of local relief	1979
19790084853	Results of sea tests of GMN-K automated gravimeters	1979
19790084854	Method for determining the second derivatives of gravitational potential on a moving base	1979
19790084855	Translations on USSR science and technology: Physical sciences and technology	1979
19790084856	Varied and important role of satellites	1979
19790084857	Radiation hazard from solar flares in near-earth space	1979
19790084858	Criteria for maintenance support of Army helicopter units under wartime conditions (U)	1979
19790084888	Quarterly compilation of abstracts on completed Test, Experimental, and development (TED) projects (U)	1979
19790084907	SH-3H helicopter criteria for the device 2F64C trainer	1979
19790084910	France: Nuclear, missile, and space developments	1979
19790084911	ESA plans to launch two earth observation satellites	1979
19790084912	New directions outlined for space program	1979
19790084917	NOAA-A Mission Operation Report	1979
19790084918	Worldwide remoting of the E-3A Sentry TV Downtell display via the defense satellite communications system	1979
19790084935	Assault breaker end game demonstration program (U)	1979
19790084938	An analysis of data processing technology performance requirements. Volume 1: Study overview (U)	1979
19790084949	Air Force technical objective, fiscal year 1980 (U)	1979
19790084964	Increasing the fatigue strength of specimens hard-faced with austenitic chromium-nickel steels	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085026	Low sidelobe agile beam antenna (U)	1979
19790085079	Test report for Laser Seeker section (LSS) AN/DAB-1, locals, serial number HFA-3, HFA-4, EMX-3 (U)	1979
19790085080	Test report for Laser Seeker Section (LSS) AN/DAB-1, locals, serial number HFA-6 HFA-7 (U)	1979
19790085084	HELWS definition study identification of candidate configurations. Volume 4: HELWS relative cost analysis (U)	1979
19790085097	Earthquakes in the USSR in 1974	1979
19790085110	Health hazard evaluation for vehicle magnetic signature duplicator (VEMASID), January 1979	1979
19790085111	Nonionizing radiation protection special study: Final hazard evaluation of the engineering development model of the multiple integrated laser engagement simulator	1979
19790085141	Modify and evaluate single crystal superalloys	1979
19790085145	TAC quarterly report, FY 1979 march 31, 1979	1979
19790085147	Highlights of independent research and independent exploratory development for fiscal year 1978	1979
19790085151	Semispan wind tunnel test evaluation of a computer-controlled variable geometry wing (self-optimizing flexible technology wing program)	1979
19790085174	AV-8C SLEP fatigue analysis report	1979
19790085175	YAV-8B composite wing torque box test program results	1979
19790085189	Qualification test report of the J. C. Carter aerial refueling coupling (part number 60381)	1979
19790085190	Yan-8B fuel tanks test report	1979
19790085194	Variable cycle engine evaluation for supersonic V/STOL fighter	1979
19790085196	Qualification of MIL-L-23699C aircraft turbine engine oil Stauffer E-7306	1979
19790085200	YAV-8B flutter and divergence analysis, component compliance, and ground vibration test	1979
19790085201	Structural analysis of the Mark 6 mod 2 modular jet blast deflector support panel for the CVN-70, revision A	1979
19790085204	Translations on USSR science and technology: Physical sciences and technology	1979
19790085205	New Russian space venture reported	1979
19790085206	Saulyt 6 and the Soviet space program	1979
19790085222	Fatigue properties in air and seawater of a hybrid graphite/epoxy composite	1979
19790085226	Implementation of the data system into trace gas analyzer breadboard	1979
19790085234	A comparative study of the thermal stability of some commercially available poly(arylene sulphones)	1979
19790085244	Unsteady influences on a surface-effect ship model in a towing tank	1979
19790085245	Translations on USSR science and technology: Physical sciences and technology	1979
19790085246	Determination of the effectiveness of an evaluation-correlation detector of signals with unknown delay by the method of statistical simulation	1979
19790085247	Optimal selection of interference by duration in a passive infrared system	1979
19790085248	Toward the evaluation of the accuracy of echolocation range measurements by means of frequency-modulated signals	1979
19790085249	Linear regenerator fabricated with hybrid integrated technology	1979
19790085250	Interference immunity in communication systems	1979
19790085251	Unified automated communications network terms explained	1979
19790085252	Air and Cosmos reports on Soyuz-33 aborted mission	1979
19790085253	Statistical characteristics of the horizontal structure of the field of small-scale turbulence in the ocean	1979
19790085254	Generation of stationary temperature boundary layers by surface waves	1979
19790085255	Structure of the crust and mantle in the western Ukraine based on materials from comprehensive interpretation of seismic and gravimetric data	1979
19790085256	Experience gained in combining seismic methods in studying the northern edge of the Caspian depression	1979
19790085261	Operational test (OTI), steerable null antenna processor (SNAP-1)	1979
19790085269	Contrast of electromagnetic characteristics at the marine ice-water boundary	1979
19790085278	Computer-aided design for complex circuits	1979
19790085303	High efficiency amplifier study	1979
19790085308	Advanced electronics and digital sensor technology. Volume 1: Management summary	1979
19790085309	Advanced electronics and digital sensor technology. Volume 3: Autopilot synthesis and verification	1979
19790085310	Advanced electronics and digital sensor technology. Volume 4: Autopilot sensor control and signal conditioning	1979
19790085311	Advanced electronics and digital sensor technology. Volume 5: Inertial sensors	1979
19790085321	Independent evaluation report of the radiacmeter IM-185/UD and charger PP-4370 ()/PD	1979
19790085328	Airborne laser laboratory 2 (advanced airborne demonstrator): Preliminary conceptual design number 3	1979
19790085329	Airborne laser laboratory 2 (advanced airborne demonstrator). Preliminary conceptual design, no. 2	1979
19790085330	Airborne laser laboratory 2 (advanced airborne demonstrator). Preliminary conceptual design, no. 1	1979
19790085337	Welding beta forged alloy titanium	1979
19790085338	Technology of mechanized arc and electroslog welding	1979
19790085341	Manufacturing methods and technology for the establishment of production techniques for a split-cycle stirling cryogenic cooler	1979
19790085342	Design fundamentals of gas turbine and combination type systems	1979
19790085343	Welding and cutting of metals	1979
19790085344	Laboratory evaluation of a closed Brayton engine with a gas management system	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085345	Welding thin-section HY-130 steel	1979
19790085346	Operational test III of simplified test combustion engine powered equipment for internal materiel (STE/ICE-PM)	1979
19790085354	AV-8C CILOP stress analysis report	1979
19790085357	Meteorology and hydrology, no. 3, March 1979	1979
19790085358	Significance of different types of information in long-range forecasting	1979
19790085359	Simple statistical model of modern climate	1979
19790085360	Empirical model of modern climatic changes	1979
19790085361	Study of the formation of the tropospheric temperature field by the conjugate equations methods	1979
19790085362	Computations of characteristics of the atmospheric boundary layer using data obtained using a meteorological mast	1979
19790085363	Use of data on atmospheric moisture content for predicting the altitude of the lower boundary of frontal cloud cover	1979
19790085364	Tropospheric moisture content in the typhoon zone	1979
19790085365	Turbidity factor at Moscow for different wind directions and velocities	1979
19790085366	Contamination of surface waters of the central region of the North Atlantic by the atmospheric fallout of strontium-90	1979
19790085367	Evaluation and prediction of change in water mineralization in large rivers of the European USSR with allowance for the influence of economic activity	1979
19790085368	Influence of the beta effect in the friction field on vertical movements	1979
19790085369	Model apparatus for simulating atmospheric conditions	1979
19790085370	Ozone and global contamination of the atmosphere	1979
19790085371	Ozonometric network in the USSR	1979
19790085372	Twentieth anniversary of the discovery of the pole of relative inaccessibility in Antarctica	1979
19790085373	Mathematical terrain modeling using cubic and bicubic splines	1979
19790085386	Translations on Eastern Europe: Scientific affairs	1979
19790085387	Modern methods and experiments in dynamic satellite geodesy	1979
19790085400	Translations on USSR science and technology: Biomedical and behavioral sciences	1979
19790085401	Effect of cadmium on the human body and its distribution in the biosphere	1979
19790085402	Heat sterilization using laminar flow of air	1979
19790085403	Effect of vestibular stimulation on myoelectric activity	1979
19790085404	Nystagmographic description of reactions to rotation by people with different degrees of vestibular-autonomic stability	1979
19790085405	Features of tachistoscopic texture perception	1979
19790085406	Immunophysiological aspects of man's adaptation to high elevations	1979
19790085407	Some features of man's adaptation to high latitudes	1979
19790085408	Biochemical changes occurring in healthy people visiting the Arctic for a short time	1979
19790085409	Problems of psychophysics	1979
19790085410	Human detection and identification of complex acoustic signals	1979
19790085411	Some features of the efficiency of female athletes in different phases of the menstrual cycle	1979
19790085412	Translations on USSR science and technology: Physical sciences and technology	1979
19790085413	Main problems of space walking by man	1979
19790085414	One principle for measuring angles of attack and slip during spacecraft flight in near space and the atmosphere	1979
19790085415	A new method of synthesizing artificial motion and its application to locomoting robots and manipulators	1979
19790085416	Semiautomatic manipulator control systems and computer investigation of their dynamics	1979
19790085417	Algorithms for combination and supervisory control of manipulator-Robots	1979
19790085418	The problem of perception and synthesis of a model of the external environment by a self-contained planetary rover	1979
19790085419	Investigating the algorithms for controlling the motion of a self-contained planetary rover by the mathematical modeling method	1979
19790085420	Automatic control of a moving planetary rover complex	1979
19790085421	Military Medical Journal, no. 9, 1978	1979
19790085422	Characteristics of the cerebral circulation in pilots while flying	1979
19790085423	Biochemical aspects of the adaptation of seamen to long cruises	1979
19790085447	Translations on USSR science and technology: Physical science and technology	1979
19790085448	Astronomical theory of oscillations in earth's climate	1979
19790085449	French metallurgy experiments aboard Salyut-6	1979
19790085450	Translations on USSR science and technology: Biomedical and behavioral sciences	1979
19790085451	Modern methods for creating ultraclean premises	1979
19790085452	Functional state of the adrenohypophyseal system during exposure to lasers. 2: Effect of exposure of rats to pulsed lasers on corticosteroid content of blood	1979
19790085487	Aircraft navigation system verification of the Delco high accuracy carousel 4-A inertial navigation system	1979
19790085492	YAV-8B actual weight and balance report for YAV-8B NAVAIR serial number 158395	1979
19790085495	F-16 European Test and Evaluation (ET and E) test plan	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085510	YAV-8B fuel systems test report	1979
19790085511	Operational test and evaluation C-5 operating demonstration at Twentynine Palms Expeditionary Airfield	1979
19790085519	AEDC/APTU inlet pressure fluctuation investigation	1979
19790085520	Comparison of wind tunnel and flight inlet performance data for the F-15 aircraft	1979
19790085522	Evaluation of specific modes of the ASW-33 mod V automatic flight control system installed in the model S-3A airplane	1979
19790085526	High threat aircraft shelter closure analysis	1979
19790085555	Encapsulated Harpoon Corrective Action program(ENCAP): problem status report	1979
19790085558	Reliability engineering study of AGM-65A/B hydraulic actuation system indicator inspections	1979
19790085559	An evaluation of the tubular sapphire xenon arc lamp for the shillelagh transmitter	1979
19790085562	Guided rocket with laser radar	1979
19790085565	Space transportation system and cargo. Operations and maintenance requirements and specifications/operations and maintenance plan processing plan	1979
19790085571	Summary of the production quality assurance testing of a Bell Aerospace-Textron propulsion system rocket engine at pressure altitude, (system s/n a4v1186)	1979
19790085575	Surveillance: Evaluation of army M119 rocket motor	1979
19790085576	Qualification testing of the AJ10-138A Improved Transtage Injector Program (ITIP) engine	1979
19790085577	Surveillance Vernier rocket motor mark 84 mod 0	1979
19790085579	MCIC Current Awareness Bulletin, issue no. 59	1979
19790085580	CAB Current Awareness Bulletin, issue no. 61	1979
19790085624	Theoretical radiant ignition criteria for explosives and propellants	1979
19790085628	Screening test for propellants. Data transmittal report number 1, 500 LB. NTO-MMH tests	1979
19790085629	Screening test for propellants. Data transmittal report number 2, 200 Lb. NTO-MMH test	1979
19790085630	Screening test for propellants. Data transmittal report number 3, test results for the OF2-N2H4 propellant combination	1979
19790085631	Screening test for propellants. Data transmittal report no. 4: Test results for the C IF3O-MMH propellant combination	1979
19790085632	Screening test for propellants. Data transmittal report no. 5: Test results for the OF2B2H6 propellant combination	1979
19790085634	Methodology investigation, techniques for testing and evaluating the safety and performance characteristics of propelling changes	1979
19790085643	Synthetic aperture radar reference generation	1979
19790085644	AN/ARC-186 VHF AM/FM radio IOT and E	1979
19790085657	Operational test 2A of ultra high frequency tactical satellite communications manpack, AN/PSC-1	1979
19790085659	Navy communications	1979
19790085661	Millimeter wave boundary layer measurements study	1979
19790085664	Development of quantitative measures for the analysis of correlated radar data	1979
19790085665	Response of the dual-wire (counter-poise) antenna system on the E-4	1979
19790085668	Follow-on evaluation of radar test set AN/TPM-25A	1979
19790085669	A technique of simulating the electromagnetic pulse response of the fixed-wire antennas on the E-4	1979
19790085687	Advanced electronics and digital sensor technology. Volume 2: Autopilot development	1979
19790085699	Advanced electron device technology	1979
19790085702	Engineering evaluation of the A-4M aircraft variable speed constant frequency electric power system	1979
19790085718	A normal beam transducer performance specification	1979
19790085719	Manufacturing techniques for static switches	1979
19790085724	Short channel MOS for CCD readout circuit	1979
19790085761	A study to design a free electron laser experiment. Volume 1: FEL analysis	1979
19790085762	A study to design a free electron laser experiment. Volume 2: FEL experimental design	1979
19790085773	Advanced laser flow analysis theory and user's guide	1979
19790085774	Laser window materials and optical coating science	1979
19790085776	Long Wavelength Semi-Active Seeker	1979
19790085777	Dye laser module	1979
19790085786	Inertial geodetic systems	1979
19790085788	Methods of automating stereo measurements in photogrammetry	1979
19790085789	Machine reading of information represented on a map in the form of bounded, connected regions (by a qualitative area symbol)	1979
19790085791	Radar survey of the thicknesses of floating ice covers	1979
19790085792	Space remote indication of the temperature of the underlying surface	1979
19790085812	Military Medical Journal, no. 11, 1978	1979
19790085813	The value of electrocardiography in selecting personnel for working under conditions of high elevation	1979
19790085814	The role of autogenous conditioning in psychophysiologic training of students of flight schools	1979
19790085815	Effect of motion sickness on the acid forming function of the stomach in sailors	1979
19790085816	Effectiveness of isoptine in prevention of orthostatic instability following hypokinesia	1979
19790085817	Human adaptation in polar regions	1979
19790085819	Operational test and evaluation: Blue and gold concept. Addendum 1: Follow-on crew rest capsule	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085822	Operational test and evaluation aircrew body armor	1979
19790085826	ITAS	1979
19790085827	GSC/GTV program, GIMDYN simulation notebook. Part 1: Operator, user, and module description	1979
19790085828	GCS/GTV program GIMDYN simulation notebook. Part 2: GIMDYN appendices	1979
19790085846	Investigation of trimetal material growth	1979
19790085848	Multiplexed intrinsic detector arrays with signal processing - hybrid (Hg,Cd)Te PV Technology	1979
19790085857	Exploding wires and advanced concepts theory	1979
19790085860	A (54) device for obtaining pulsed neutron and X-ray radiation	1979
19790085869	Some wind tunnel measurements of the effectiveness at low speeds of combined lift and roll controls	1979
19790085875	Wind tunnel results from a nozzle afterbody test of a 0.2-scale fighter aircraft in the Mach number regime of 0.6 to 1.5. Volume 1: Test technique evaluation	1979
19790085877	Operational test and evaluation ballistic data for G-11B parachute	1979
19790085879	Improved parachute harness and riser release hardware IOT and E	1979
19790085880	Bird impact testing of plastic transparencies for the F-16 A aircraft	1979
19790085882	Sensitivity analysis of a rate sensor with observer	1979
19790085888	AV-8A/CV compatibility tests aboard USS Franklin D. Roosevelt CV-42	1979
19790085889	F-111 damaged aircraft drag test at transonic Mach numbers	1979
19790085890	Peace Rhine feasibility demonstration phase flight test	1979
19790085896	Honeywell YG7500 altimeter: Logistics service test	1979
19790085901	Metallic coating development and evaluation program	1979
19790085903	Carrier suitability evaluation of a revised longitudinal feel force cam in the F-14A airplane	1979
19790085906	Dual bak 12 arresting system configured with modular hardware performance analysis	1979
19790085907	Operational test and evaluation. Test model RS-28, roller, vibratory	1979
19790085911	France: Nuclear, missile, and space development	1979
19790085912	National participation in SETI, CETI discussed	1979
19790085913	Study of Pogo effect on Ariane rocket presented	1979
19790085914	Ariane may put space shuttle into orbit in 1990	1979
19790085915	ESA council's latest decisions described	1979
19790085916	French astronaut, other space developments projected	1979
19790085917	Translations on USSR science and technology: Physical sciences and technology	1979
19790085918	Air and Cosmos reports on Soyuz-33 failure	1979
19790085919	Principles of control systems for spacecraft	1979
19790085920	Space vehicle flight control	1979
19790085921	Distribution of control between ground and spaceborne complexes	1979
19790085927	Guidance and control simulation notebook. Part 1: User's and maintenance manual	1979
19790085928	Guidance and control simulation notebook. Part 2: Module description, revision	1979
19790085929	Guidance and control simulation notebook. Part 2A: Computer listings, revision	1979
19790085930	Guidance and control simulation notebook. Part 2B: Computer listings, revision	1979
19790085933	Satellite remoting of E-3A display data	1979
19790085934	Patriot air defense system. System description and equipment summary, revision B	1979
19790085935	Hybrid/HWIL simulations	1979
19790085937	Air Launched Cruise Missile (ALCM) initial operational test and evaluation test plan for May 1979 - June 1980	1979
19790085940	Sidewinder gas generator mark 6 mod 2 5-year accelerated aging study	1979
19790085942	Pulsing criteria for solid rocket motors. Volume 1: The state of the technology	1979
19790085943	Revised user's manual for the nozzleless rocket motor internal ballistics computer program	1979
19790085944	Mcic Current Awareness Bulletin, Issue no. 58	1979
19790085946	MCIC Current Awareness bulletin, issue no. 57	1979
19790085948	Metals and Ceramics Information Center Current Awareness Bulletin, issue 60	1979
19790085978	Improved solid H sub 2/D sub 2 generators	1979
19790085979	Screening test for propellants. Volume 1: Program objectives, experimental techniques and test results	1979
19790085981	Translations on USSR science and technology: Physical sciences and technology. Selections from the journal Quantum Electronics	1979
19790085982	High-pressure wire-triggered pulsed CO2 laser	1979
19790085983	Analysis of a calculation model of the pulsed chemical DF-CO2 laser	1979
19790085984	Saturation in waveguide CO2 lasers	1979
19790085985	Parametric amplification based on four-wave parametric processes in a two-photon resonance	1979
19790085986	Isotope separation by multiphoton molecular dissociation in the high-power CO2 laser field: Prospects of practical realization	1979
19790085987	Estimation of the intensity of sound which arises upon laser light propagation in the atmosphere and its effects on thermal blooming of the beams	1979
19790085988	Formation of laser beams with improved space-angular characteristics	1979
19790085989	Temperature dependence of the optical glass absorption coefficient on exposure to the laser radiation	1979
19790085990	Third order nonlinear susceptibility of ionic crystals near Raman and two-photon resonances	1979
19790085991	Possible stabilization of the CO2 laser frequency by an external stark cell with 1-1 difluoroethane (C2H4F2)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790085992	Parametric conversion of the medium infrared region radiation in zinc-germanium diphosphide	1979
19790085993	High-power CW ion lasers with longer service life	1979
19790085994	High-pressure periodic CO2 laser with the non-self-maintained discharge and UV ionization	1979
19790085995	Self locking of axial modes under oscillation of stimulated Raman radiation	1979
19790085996	Divergence from a Raman laser with a slowly relaxing active medium	1979
19790085997	Small-signal wavefront reversal under nonthreshold reflection from a Brillouin mirror	1979
19790085998	An electron-beam-excited XeBr laser	1979
19790085999	An electric discharge laser utilizing SF6 + H2 mixture pumped by an inductive storage	1979
19790086000	Radiation pulse lengthening in a sectionalized CO2 laser with successive excitation of working medium	1979
19790086005	Mini-RPV surveillance radar transmitter/modulator modification	1979
19790086007	Transient response of the fixed-wire antennas on the E-4	1979
19790086008	Response of the fixed-wire antennas on the E-4	1979
19790086009	Simulation of the low frequency electromagnetic pulse effects of the dual-wire antenna on the E-4	1979
19790086010	A technique of simulating the electromagnetic pulse effects of the dual-wire antenna on the E-4	1979
19790086027	Study of wavelength conversion concept	1979
19790086029	Engineering evaluation of Bendix ac generator, model 23B135-121-A, used on H-3 type aircraft	1979
19790086030	Engineering investigation for alternate source for CH-46 aircraft electrical power generating system	1979
19790086054	Development test 2 (PQT-G) of Multiple Integrated Laser Engagement System (MILES)	1979
19790086068	Meteorology and hydrology, no. 4, April 1979	1979
19790086069	Semiempirical model of the thermal regime of the atmosphere and real climate	1979
19790086070	Present status of the method for seasonal weather forecasts and prospects for its development	1979
19790086071	Numerical model of local atmospheric processes	1979
19790086072	Spatial-temporal statistical structure of mean monthly geopotential of the 500-mb surface	1979
19790086073	Some results of computations of the principal energy characteristics of the zonal circulation in the upper atmosphere	1979
19790086074	Dynamic initialization of initial fields for a baroclinic prognostic model	1979
19790086075	Investigation of dependence of fallout of global radioactive aerosols on meteorological factors	1979
19790086076	Dependence of aerosol attenuation of optical radiation on air humidity	1979
19790086077	Criterion of correspondence between the distribution curves of probabilities of maximum water discharge	1979
19790086078	Intradiurnal change in strength of the ice cover of rivers and reservoirs during spring	1979
19790086079	Retention of snow and meltwater in agricultural fields	1979
19790086080	Occurrence of frozen ground in the channels and floodplains of rivers and their influence on the channel process	1979
19790086081	Generalized dependence for hydraulic coarseness of particles of different configuration	1979
19790086082	Hydrological peculiarities in the designing of canals in floodplains	1979
19790086083	The Andreyev formula for taking into account the accumulation of inflow in calculating water discharge pipes	1979
19790086084	Some results of development of a method for measuring density and temperature using falling spheres	1979
19790086085	Use of pilot balloon measurements for numerical analysis and weather forecasting	1979
19790086089	Comprehensive study of the geological structure of multireservoir oil deposits	1979
19790086090	Zonation and correlation of producing sections	1979
19790086091	Study of the heterogeneity of producing reservoirs	1979
19790086092	The structure of oil pools	1979
19790086093	Questions of procedure in estimating oil and gas reserves	1979
19790086094	The use of geological investigations for the planning and analysis of development	1979
19790086100	The tall towers project for measurement of low altitude turbulence and wind shear: A review of data and procedures for data analysis	1979
19790086101	Comparative lightweight helmet evaluation. IOT and E	1979
19790086103	Foreign food technology of military significance, volume 2, no. 2	1979
19790086115	Parallel incoherent optical matrix-vector multiplier	1979
19790086117	OPTRAN: A computer code for the optimization of electro-optical sensor response	1979
19790086119	Advanced Infrared Imaging Seeker (AI2S) development program	1979
19790086131	Manufacturing Process Applications Team (MATeam)	1979
19790086141	Translations on USSR science and technology: Physical sciences and technology. Quantum electronics	1979
19790086142	The influence of interference effects in oxide films on the dynamics of metal heating using laser radiation	1979
19790086143	An experimental investigation of a method of controlling the radiation pulse waveform of a CO2 amplifier	1979
19790086144	The characteristics of a CO2 laser excited by an alternating current capacitive discharge	1979
19790086145	A compact periodic pulsed CO2 laser	1979
19790086146	Spatial polarization inversion of a wave front for the case of four photon interaction	1979
19790086147	The influence of pump depletion on the superradiation process with Raman light scattering	1979
19790086148	On the possibility of field wave front inversion by means of nonlinear optics	1979
19790086149	Optical losses in KRS-5 and KRS-6 crystals	1979
19790086150	Translations on USSR science and technology: Physical sciences and technology. Physics of combustion and explosion	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086151	The flow field and gains in the resonator cavity of a gas dynamic laser using kerosene combustion products. A two-dimensional calculation and experimental comparison	1979
19790086152	A numerical analysis of thee vibrational mode of a CW chemical HF laser	1979
19790086153	An experimental study of the influence of the mixing conditions in a laval nozzle on the gain in a supersonic flow	1979
19790086154	An experimental study of the dissociation of iodine and bromine molecules in mixtures of I2-He and Br2-He at high temperatures	1979
19790086155	The vibrational band temperature of carbon dioxide gas in a CO2 + N2 + H2 gas dynamic laser	1979
19790086157	In-flight measurement of wing generated vorticity	1979
19790086161	Operational test and evaluation ballistic data for G-12 parachute	1979
19790086164	Static force, heat-transfer, and ablation tests of star body configurations at Mach number 10	1979
19790086167	Surveillance Rocket-Assisted Personnel Ejection Catapult (RAPEC mark 1 mod1)	1979
19790086168	Measurement of bird impact pressure on a flat plate	1979
19790086171	Pattern matcher development study	1979
19790086175	Planning and development of the E-3A NCS software life-cycle support facility	1979
19790086176	Initial operational evaluation of the NAVSTAR global positioning system	1979
19790086178	Evaluation of the AN/UPN-25 tacan tactical air navigation system	1979
19790086187	Operational evaluation of the EA-6B ICAP aircraft	1979
19790086188	Follow-on operational evaluation of the TA-7C CRAW (carrier replacement airwing)	1979
19790086189	OV-10A battery compartment temperature investigation	1979
19790086191	MQM-8G VANDAL/TALOS target expanded performance capabilities assessment	1979
19790086192	Tactical air reconnaissance pod system (TARPS) OTIIIA (V X 4) logistic support plan	1979
19790086200	Logistics service test. C-130 solid state synchrophaser	1979
19790086201	A model for the analysis of the vulnerable area versus agility tradeoff in the attack helicopter pop-up maneuver	1979
19790086202	Research on visual display integration for advanced fighter aircraft	1979
19790086206	Some selected problems with aircraft turbine engine trim	1979
19790086208	Pitch dampng, magnus, and roll damping tests of the MK-82 air store	1979
19790086209	B-1 flight control system: Lessons learned	1979
19790086210	Small Portable Analyzer Diagnostic Equipment(SPADE) FDTE	1979
19790086211	AV-8A/LHA aircraft/ship compatibility trails	1979
19790086212	USS Independence (CV-62) aircraft/ship compatibility trials	1979
19790086215	Hydro code study	1979
19790086216	RADC carbon fiber test facility	1979
19790086217	TRIDENT TDMA interoperability test, 25-29 September 1978	1979
19790086218	Candidate satellite self-locating equipment OD/E	1979
19790086220	Launch evaluation report, titan 3C vehicle 23C-18 (C-36)	1979
19790086225	DNA/SAMSO MX materials test	1979
19790086227	The investigation of the feasibility of airborne detection of submillimeter missile plume radiation	1979
19790086228	Summary of the long range service life analysis test of a minuteman LGM-30F stage 2 rocket motor at simulated altitude (motor S/N AA20184, designation SAT-2)	1979
19790086230	Pulsing criteria for solid rocket motors. Volume 2: The design of a system for acoustic pulse testing	1979
19790086231	MPC/MCIC Review of the Low Temperature Properties of Metals. A digest of selected literature	1979
19790086235	New bonding systems for depot maintenance of aircraft honeycomb structures. Part 4: Fracture analysis of adhesive-bonded joints failed in fatigue	1979
19790086238	Evaluation of an Al-Mg-Li alloy	1979
19790086239	Improving the fatigue performance of welded aluminum alloys	1979
19790086241	Metallurgical characterization of argon-oxygen-decarburization processed HY-130 steel extrusions	1979
19790086248	High strength torsion bar development for Army applications	1979
19790086251	Process handbook on hand forging and three-dimensional forging	1979
19790086257	Qualification of polyamide and polyamide-adduct resins for use in MIL-P-24441 paints	1979
19790086258	High performance solid ramjet fuels	1979
19790086259	Screening tests for propellants. Volume 2: Visible-ultraviolet plume measurements	1979
19790086261	F-4 fuel saving technology applications study	1979
19790086263	Expandable soft shelter	1979
19790086266	Field validation of a protection contour concept	1979
19790086267	Assessment of analytical models of environmental effects on the performance of MM wave radar	1979
19790086268	IP-859 improvement program	1979
19790086271	Digital burst communication concept evaluation	1979
19790086272	High frequency radio interference	1979
19790086276	Use of a quad array to generate an apparent target location	1979
19790086277	An approach to JTIDS integration JTIDS terminal host platform interface requirement	1979
19790086278	Digital communications central AN/USC-34(XN-1) techeval, volume 3	1979
19790086287	Low cost S-band power transistor intraconnection system	1979
19790086313	Matrix cathode improvement	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086333	Evaluation of 25mm inverter tubes fabricated with new glass microchannel plates	1979
19790086350	Experimental development of digital output pressure and temperature sensors using surface acoustic waves	1979
19790086351	Collector for constant efficiency TWT	1979
19790086354	Infrared measurements on an exhaust plume from an axisymmetric nozzle afterbody model at transonic Mach numbers	1979
19790086355	Acoustic transition monitor program report. Volume 1: BLAM characterization and development	1979
19790086356	Acoustic transition monitor program report. Volume 3, appendix D: Test report for environmental testing of BLAM	1979
19790086363	Theoretical hazard evaluation of the rangefinder laser for staff (nonionizing radiation protection special study)	1979
19790086365	International laser systems laser repeater	1979
19790086367	Advanced HF and DF chemical laser performance modeling. Volume 2: The NORO-2 rotational nonequilibrium code	1979
19790086369	Device for powering pulse gas-discharge tubes	1979
19790086370	Evaluation of the high mobility and agility vehicle laser rangefinder (HIMAG LRF)	1979
19790086377	Final qualification and service suitability tests of the F-14 main landing gear rebuilt tires manufactured by Air Treads, Incorporated and Thompson Aircraft Tire Corporation	1979
19790086378	Material comparison and yawed rod studies	1979
19790086386	High-strength steel weldment subcritical cracking program. Base line study phase. Task 1.3: Effect of GMA and SMA weld processes on stress corrosion cracking in HY-130 steel	1979
19790086388	Displacement of the plan position of a feature's portrayal in the process of automated compilation of map manuscripts	1979
19790086399	Church stroke II oceanographic services	1979
19790086403	Feasibility test of hearing protective devices	1979
19790086405	Translations on USSR science and technology: Biomedical and behavioral Sciences. Effects of nonionizing, electromagnetic radiation	1979
19790086406	Enhancement of changes in bioelectrical activity of the brain in a constant magnetic field under the effect of corazol	1979
19790086407	Some characteristics of reticular influences on the evoked activity of the cerebellum under the effect of a constant magnetic field	1979
19790086421	Short range correlations in high energy heavy ion collisions	1979
19790086424	LHI code development study	1979
19790086503	Historical research and development inflation indices for Army fixed and rotor wing aircraft	1979
19790086506	Aviation in the age of the rocket	1979
19790086507	Analysis of nacelle pressure distributions from a 0.06-scale B-1 jet effects model at transonic Mach numbers	1979
19790086508	Operational test and evaluation. Heavy equipment airdrop malfunction emergency procedures	1979
19790086519	Feasibility demonstration and evaluation of unintentional wheels-up landing prevention system	1979
19790086521	Method of determining the position of the meridional plane from the azimuthal characteristic during initial setting of inertial systems	1979
19790086536	Advanced composite aft fuselage study	1979
19790086537	Advanced composite center fuselage program. Phase 1: Report design development	1979
19790086540	Independent evaluation report DT 2 of the lightweight launcher for the 2.75-inch rocket launcher	1979
19790086565	Aviation and cosmonautics (selected articles)	1979
19790086567	F-4E engine flameout/compressor stall evaluation using JP-8 fuel	1979
19790086568	Technological features of the manufacture of stamped turbine blade blanks of alloy EI893	1979
19790086574	YAV-8B flutter and divergence analysis component compliance, and ground vibration test, supplement 1	1979
19790086576	Operational test and evaluation of the F-15A flight simulator	1979
19790086583	Stage separation study: The effects of controls on a typical advanced terminal defense interceptor during the staging maneuver	1979
19790086590	TRIDENT verification and evaluation system (VEST): Development specification	1979
19790086591	Approximate determination of the orbit elements of a planetary artificial satellite from photos of the planet's surface and the stars	1979
19790086592	Questions of machine derivative of second-order perturbations from the second zonal harmonic of the gravitational field	1979
19790086593	Stage separation study: Results of a study to determine and evaluate the effects of stage separation on the performance of proposed flight test bed vehicles	1979
19790086631	Evaluation of advanced correlation techniques and integrated guidance system configurations (U)	1979
19790086636	Calibration tests of the NASA agent air data system at Mach numbers from 0.40 to 1.55	1979
19790086655	Test loading corrosion analysis mobile laboratory	1979
19790086674	An anti-misting fuel evaluation. A high risk and high pay-off program	1979
19790086675	Sensitivity and characterization of selected liquid ammonia systems: Reclamation methodology for ammonium perchlorate propellants	1979
19790086689	Currents induced on the dual-wire antenna on the E-4 in the resonance region of the aircraft	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086690	Transient response of the dual-wire antenna on the E-4	1979
19790086691	Radio engineering	1979
19790086695	Performance of HF transponder antennas over snow-covered terrain	1979
19790086696	Raster processing techniques	1979
19790086732	Manufacturing Methods and Technology (MM and T) measure for fabrication of thin film aluminum oxide (Al ₂ O ₃) ion barrier 18 mm microchannel plates	1979
19790086745	Advanced multimode traveling wave tube	1979
19790086750	Generator of timing pulses for the triggering of spark gaps in an electrohydraulic apparatus	1979
19790086758	Thyratron switch for high-frequency circuits	1979
19790086772	The basic section of a plane turbulent jet in transverse flow	1979
19790086774	Wire dispensing test at Mach 10	1979
19790086776	On the problem of a basic section of a plane turbulent jet in a transverse flow	1979
19790086786	Advanced HF and DF chemical laser performance modeling. Volume 1: The CNCDE/blaze rotational equilibrium code	1979
19790086788	Modeling of DNP laser systems	1979
19790086789	Investigation of breakdown on the surface of optical materials	1979
19790086791	UV initiated discharge rare gas halide excimer lasers	1979
19790086808	Processing of A-7D/E aircraft equipment vibration data	1979
19790086812	The range and accuracy of the Hristow (Khristov) formulas for transformation of ellipsoidal geographic coordinates	1979
19790086823	Physics of aerodispersed systems (selected articles)	1979
19790086824	Short articles on the physics of the ionosphere	1979
19790086825	Meteorological sounding of the atmosphere from space	1979
19790086837	Distributed Processing Architecture Design (DPAD) program. Volume 1: Executive summary	1979
19790086838	Distributed Processing Architecture Design (DPAD) program. Volume 2: DPAD research research results	1979
19790086839	Distributed Processing Architecture Design (DPAD) program. Volume 3: Baseline design approach	1979
19790086840	Distributed Processing Architecture Design (DPAD) program. Volume 4: Case study results	1979
19790086841	Distributed Processing Architecture Design (DPAD) program. Volume 5: Appendices	1979
19790086846	Analog frame store memory	1979
19790086847	The application of computer technique (selected pages)	1979
19790086849	Methods of data processing in scientific space experiments	1979
19790086854	Generation of intense transitory magnetic flux compression system open to the transmission light beam	1979
19790086861	Measurement of normalized spectral response with a continuously variable filter	1979
19790086865	Optical scattering statistics and bidirectional reflectance measurements from curved surfaces with various roughness	1979
19790086868	Manufacturing technology program for fiber optics program plan	1979
19790086895	Photochemical weathering and the Viking biology experiments on Mars	1979
19790086899	A study of the impact of the F-18 aircraft on the aircraft intermediate maintenance department nondestructive inspection (NDI) capability	1979
19790086902	Drag tests of a 0.06-scale B-1 model at Mach numbers from 0.55 to 1.60 in the AEDC 16T transonic wind tunnel	1979
19790086903	Wind tunnel tests of the ALCM flight termination system	1979
19790086904	Wind tunnel results from a nozzle afterbody test of a 0.2-scale fighter aircraft in the Mach number regime of 0.6 to 1.5. Volume 2: Model configuration and environment effects	1979
19790086907	Development test 3 of flight coordination central AN/TSC-61B	1979
19790086910	AV-8C CILOP strength summary and operating restrictions report	1979
19790086911	Unmanned vehicle measurements facility requirements and criteria study	1979
19790086912	Quarterly compilation of abstracts on completed Test, Experimental, Development (TED) projects	1979
19790086914	Improved AC electrical system for AV-8 aircraft	1979
19790086915	A-7E FLIR pod jettison test	1979
19790086929	Summary of fullscale development test of the F107 engine, phase 2	1979
19790086932	Installation criteria for shipboard pilot-LSO landing aid television plat system applicable to the CVN-68, CVN-69, and CVN-70, Revised	1979
19790086937	Flight Standard Grapple Fixture (FSGF) test procedure	1979
19790086938	Advanced data processing hardware concepts for midcourse D3 and C3	1979
19790086939	Common support equipment for military manned experimentation in shuttle	1979
19790086940	Aydin vector series T-108S, FM telemetry transmitter spectrum utilization characteristics	1979
19790086941	Design and test of 4.5 inch demonstration nozzle	1979
19790086942	Signature characterization. Volume 2: Spinning Plug Nozzle (SPN) feasibility demonstration program	1979
19790086952	Dynamic and static measurements of elastic constants with data on 2114 cr-1 mo steel, types 304 and 316 stainless steels, and alloy 800H	1979
19790086953	Multiaxial creep and fatigue damage summation for type 304 stainless steel	1979
19790086954	Constant- and variable-stress creep tests on 21/4 Cr-1 Mo steel at 538 degrees C	1979
19790086958	Compositions of additives to motor oils from Baku oils	1979
19790086959	Effects of thermal cycling on trinitrotoluene (TNT) and tritonal explosive compositions	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790086960	Trident-1 C-4 first stage alternate propellant program. Volume 2: Appendices	1979
19790086962	Research and development needs to develop design tools for prediction of creep instability of flexible piping joints	1979
19790086966	Seek talk design-to-cost/life cycle cost program plan	1979
19790086967	RCS matrix studies of sea clutter	1979
19790086968	Edwards AFB UHF communication system evaluation	1979
19790086969	An evaluation of coincidence interferometry	1979
19790086970	Ladar component development and evaluation	1979
19790087030	X-ray lithographic techniques for fabricating integrated circuits	1979
19790087034	Design and fabrication of radiation-hardened MNOS ram memory	1979
19790087036	Evaluation of Sundstrand AC electrical system	1979
19790087039	The 250 MHz analog to digital converter	1979
19790087040	High voltage switching amplifier	1979
19790087044	State standard 10405-63. Solid dielectrics. Thin films of high molecular weight compounds. Electrical test methods	1979
19790087053	All-Union Conference on Holography (3rd) (selected articles)	1979
19790087054	Test and evaluation of high-speed disk memories for CV-ASWM project	1979
19790087074	Standard sight glass ball valve evaluation	1979
19790087075	Inelastic ratcheting analysis of the 21/4 Cr-1 Mo steel to type 316 stainless steel dissimilar metal weldment region of specimen TTT-3	1979
19790087078	Dynamics and control of a long flexible beam in orbit	1979
19790087079	Contour maps for parameters describing the temperature-stress-strain rate behavior of type 304 stainless steel (heat 9T2796)	1979
19790087080	Inelastic analysis and creep damage evaluation of a circumferentially notch cylindrical bar tensile specimen	1979
19790087082	Radiophysics methods in investigations of terrestrial deposits and of the prospect for their development	1979
19790087097	Manipulation Robots. Dynamics and algorithms (selected pages)	1979
19790087109	Liquid crystal light valve manufacturing technology: An interim test and evaluation report in the navelex LCLU/MT program	1979
19790087120	Theoretical analysis of neutralized beam propagation	1979
19790087126	Index of Naval Air Systems Command aircraft, missiles, rockets and their propulsion systems	1979
19790087203	On-condition maintenance (OCM) TF-33 P7/7A	1979
19790087206	Wind tunnel test of an air-launched miniature system missile at transonic Mach numbers	1979
19790087207	Army flight test evaluation of the Microwave Landing System (MLS) civil phase 3 equipment	1979
19790087208	Loran-C/D procedures manual	1979
19790087209	Feasibility of retrofitting current navy aircraft cockpits to achieve improved crew member GZ tolerance	1979
19790087211	Effect of removal of aileron/rudder interconnect on flying qualities of P-3B/C airplane; evaluation of	1979
19790087212	Inflight aircraft vibration modes and their effect on aircraft radar cross-section	1979
19790087215	Joint US Army/US Air Force test report of the C-130 bundle delivery system, WEDGE	1979
19790087216	Subsonic V/STOL transition flight characteristics: Sensitivities and limits	1979
19790087222	ATAGAS: A flight test data reduction system for air-to-air gunnery assessment. Volume 1: User's manual	1979
19790087223	ATAGAS: A flight test data reduction system for air-to-air gunnery assessment. Volume 2: Analyst manual	1979
19790087224	ATAGAS: A flight test data reduction system for air-to-air gunnery assessment. Volume 3: Appendices	1979
19790087227	Thrusted replica T-REP decoy program: Flight test evaluation report (U)	1979
19790087232	Process evaluation of directionally solidified alpha (MO) reinforced eutectic turbine blades	1979
19790087235	Single crystal superalloy turbine airfoils for marine gas turbine engines	1979
19790087236	Single crystal superalloy turbine airfoils for marine gas turbine engines	1979
19790087239	Evaluation of the A-4KU operational flight trainer, device 2F127	1979
19790087240	Analysis of F-18 aircraft composite repair requirements as related to ground support equipment	1979
19790087243	Mission operation report: Scout/UK-6 reimbursable mission	1979
19790087250	NATO Seasparrow Surface Missile System (NSSMS) structural test firings on board Spanish navy ship SNS Descubierta F31	1979
19790087251	The development of the Navy's satellite system, moon relay to LEASAT	1979
19790087253	NATO Seasparrow Surface Missile System (NSSMS) structural test firings on board uss Ranger (CV 61)	1979
19790087256	Aydin vector model TM350L, FM telemetry transmitter spectrum utilization characteristics	1979
19790087257	Aydin vector series T605L, FM telemetry transmitter spectrum utilization characteristics	1979
19790087265	The analysis of low altitude rocket and aircraft plume flowfields: Modelling requirements and procedures	1979
19790087275	Air Launch Instrumented Vehicles Evaluation (ALIVE)	1979
19790087279	Investigation of the interaction of silicon carbide fibers with a matrix made of a complexly alloyed nickel alloy	1979
19790087280	Investigation of graphite/aluminum microcracking	1979
19790087281	Pressure shaping of tantalum and its alloys	1979
19790087283	Evaluation of the resistance of metals to shear strain with impact loading	1979
19790087285	Effects of temperature changes on 20 percent cold worked AISI 316 stainless steel swelling	1979
19790087287	Hot isostatic pressing of structural ceramics	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087288	Ceramic of grainy structure made from coprecipitated ternary compositions based on zirconium dioxide	1979
19790087350	Statistical correlation of HB polymer properties with the mechanical properties of TP-H1011 propellant	1979
19790087351	How to estimate the solubility of an insoluble compound - 1,3,5-triamino-2,4,6-trinitrobenzene (TATB)	1979
19790087354	Three dimensional finite element computer program development: TEXGAP-20 documentation. Volume 1: User's manual	1979
19790087355	Three dimensional finite element computer program development TEXGAP-2D documentation. Volume 3: Code listing	1979
19790087356	Surveillance: Air Force service-returned mbeu 16650 impulse guillotine cartridge	1979
19790087357	Surveillance: Air Force service-returned delay cartridge mark 5 mod 2	1979
19790087359	Manufacturing methods and technology for the establishment of production techniques for a split-cycle cryogenic cooler	1979
19790087361	Teledynamics Division, AMBAC Industries Incorporated type 1098S FM telemetry transmitter spectrum utilization characteristics	1979
19790087362	Communications/electronic warfare modules for Simulation of Tactical Alternative Responses (STAR)	1979
19790087363	Millimeter wave radar design study. Volume 2, appendix A-4: Millimeter wave component and technology review	1979
19790087364	The effects of phase noise on the correlation process	1979
19790087365	Development test II of UHF satellite communications manpack terminal radio set AN/PSC-1	1979
19790087400	Theory of a peaking spark discharger	1979
19790087402	Chop current calculation developed for vacuum switches	1979
19790087434	Review on fluid forces on circular cylinders om cross flow	1979
19790087436	Extended play recorder	1979
19790087437	Evaluation of single-well, dual-sensor temperature assembly	1979
19790087438	An investigation of flashlamp pumped dye lasers	1979
19790087439	Modulated GaAs laser/system b program	1979
19790087442	Physics and mathematics: Quantum electronics	1979
19790087443	Influence that mixing effects have on the energy characteristics of a self-contained cw chemical HF laser	1979
19790087444	Influence that some emission parameters have on pumping wavefront reversal in a brillouin mirror	1979
19790087445	A closed-cycle cw electron-beam-controlled CO2 laser	1979
19790087446	Stimulated emission of microsecond pulses in a ring laser	1979
19790087447	Concerning imprecision in the reproduction of the spatial structure of a beam in the amplifying medium of laser systems with a reversing mirror	1979
19790087451	Methodology investigation on evaluation of test procedures used for salt-fog tests	1979
19790087452	Inelastic analysis and creep damage evaluation of a thin plate tensile specimen containing a central circular hole	1979
19790087453	Meteorology and Hydrology, no. 5, May 1979	1979
19790087454	Results of using initial wind data in pressure field forecasting models	1979
19790087455	Predictability in long-range weather forecasting	1979
19790087456	Features of the meteorological pattern of a large city	1979
19790087457	Structure of the baroclinic Ekman planetary boundary layer	1979
19790087458	Problem of numerical forecasting of the altitude and temperature of the tropopause	1979
19790087459	Effect of surface-active substances on droplet growth and evaporation	1979
19790087460	Spectral analysis of cloud cover over indian ocean basin	1979
19790087461	Problem of determining atmospheric visibility as applied to aircraft take-off and landing	1979
19790087462	Consideration of atmospheric sphericity in calculations of the brightness of the daytime sky	1979
19790087463	Influence of the bottom relief on the geostrophic motion of a stratified zonal flow	1979
19790087464	Coefficient of turbulent diffusion of sediments and calculation of their concentration distribution in a flow	1979
19790087465	Analysis of turbulence spectral characteristics with ridged roughness of the bottom	1979
19790087466	Use of image technique to study cloud and fog microstructure	1979
19790087467	Fog dissipation with the help of surface active substances	1979
19790087468	Geophysics, astronomy and space	1979
19790087469	Future of the biosphere	1979
19790087470	Contrastivity of tectonic movements and their significance as a geological indicator of seismicity	1979
19790087471	Hydrogeoseismologic precursors of earthquakes	1979
19790087472	Possibilities of optimum planning of a multipurpose space survey	1979
19790087473	Soviet antarctic expeditions summarized	1979
19790087474	Cost analysis and optimization study for solar heating and cooling systems	1979
19790087476	The development of Air Force geothermal resources should be accelerated	1979
19790087479	Determination of geocentric station coordinates by the orbit method of satellite geodesy	1979
19790087480	On the empirical standard error	1979
19790087481	Weather modification and its effect on the military	1979
19790087482	Oceanographic systems program	1979
19790087483	Biomedical and behavioral sciences	1979
19790087484	Second All-Union Conference on Problems in Biomechanics	1979
19790087485	Biomedical and behavioral sciences: Effects of nonionizing electromagnetic radiation	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087486	The possible role of water in transfer of millimeter range radiation to biological objects	1979
19790087487	Effect of general anesthetics on mice following microwave irradiation	1979
19790087488	The biological influence of hypogeomagnetic environments	1979
19790087489	Cycles of restoration of evoked potentials of rat brain under the effect of a permanent magnetic field	1979
19790087490	Microwave applicator to diagnose and treat cancer using non-invasive techniques	1979
19790087491	Biomedical and behavioral sciences	1979
19790087492	New eight-channel device for magnetic tape recording and input into computer processing of electrophysiological signals	1979
19790087493	Dynamics of electrical activity of the visual cortex and hippocampus during prolonged immobilization	1979
19790087494	Rotary wing emergency procedures training	1979
19790087495	Operational test and evaluation: VOLANT CREW	1979
19790087496	Three problems: Computers, liquid crystals and piezopolymers	1979
19790087498	Proceedings of the 6th All-Union Seminar on Statistical Hydroacoustics	1979
19790087499	Modeling in statistical hydroacoustics	1979
19790087500	Some mathematical aspects of modeling in statistical hydroacoustics using an electronic computer	1979
19790087501	Digital modeling of the response function for complex signals using a fast Fourier transform algorithm	1979
19790087502	Digital modeling of sea reverberation	1979
19790087503	Digital modeling of a sample set of a nonstationary random process	1979
19790087504	Use of multivariate statistical analysis methods in hydroacoustic diagnosis	1979
19790087505	FFT equivalent of the Wiener-Khinchin theorem for a nonhomogeneous nonstationary random wave field	1979
19790087506	Influence of discretization and quantization on the characteristics of a digital quadrature-correlation detector	1979
19790087507	Synthesis of hydroacoustic signals in the region of strong correlation of the velocity-lag uncertainty function	1979
19790087508	Uncertainty functions of some types of complex signals	1979
19790087509	Evaluation of the pulse characteristic curve of a hydroacoustic channel	1979
19790087510	Spectrum of sea reverberation as a nonstationary random process	1979
19790087511	Optimum detection of multiray signals	1979
19790087512	Spectral-correlation analysis of an antenna situated in a nonhomogeneous nonstationary hydroacoustic field	1979
19790087513	Detection of signals and spatial localization of their sources on the basis of spectral analysis	1979
19790087514	One method for determining the coordinates of a local noise field source	1979
19790087515	Investigation of the noise immunity of a standard detection channel in the reception of a two-component signal with a narrow-band noise component	1979
19790087516	Direction of signals with unknown parameters on a reverberation background	1979
19790087517	Stabilization of a false alarm in hydroacoustic detection channels	1979
19790087518	Suboptimum detection of hydroacoustic echo signals on an electronic computer	1979
19790087519	Review of adaptation methods in statistical hydroacoustic problems	1979
19790087520	Nonparametric methods for the processing of hydroacoustic information	1979
19790087521	Optimum detection and differentiation of signals under conditions	1979
19790087522	Sequential procedure of identification in hydroacoustic research	1979
19790087523	Suppression of side lobes of an antenna directional diagram by a method based on temporal change of aperture size	1979
19790087526	Purification of optical-coating materials	1979
19790087527	Feasibility study of infrared temperature detectors for naval power plant applications	1979
19790087532	Biomedical and behavioral sciences	1979
19790087533	Utilization of a numerical model for predicting the effect of water-engineering reclamation on soil moisture	1979
19790087534	Modelling of the process of gas-jet cleaning of reclamation canals	1979
19790087535	Effect of superflow temperatures on translation activity of cell-free extracts of different origin	1979
19790087536	Specific life span determination	1979
19790087537	Connection of recall tactics and basic indicators of memorization and recall processes to spoken material	1979
19790087538	Principles of psychophysiology	1979
19790087539	Evaluation of sure shot sprayers	1979
19790087540	Infrared mapping of boundary layer transition on a slender cone	1979
19790087541	Proof of concept test for continuous CTS store movement in the AEDC aerodynamic wind tunnel (4T) utilizing velocity control	1979
19790087542	Inlet/nozzle flight performance determination, wind tunnel test program. Volume 2, appendixes A through D. Description of test hardware	1979
19790087543	Investigation of ballistic performance of ESR Steel-Kevlar pilot seat	1979
19790087544	Surveillance: Air Force service-returned M5A1 catapult	1979
19790087545	Navy evaluation of AN/ARN-128 airborne marine remote area approach landing system	1979
19790087546	Performance evaluation of commercial automatic omega receivers	1979
19790087547	Sled test of the simplified inertial Guidance Demonstration (SIG-D) system	1979
19790087548	NAVSTAR Global Positioning System (GPS), Army User Equipment sets (AUE), manpack vehicular and manpack operational test 1: NAVSTAR OT 1	1979
19790087549	Exploratory studies on the use of optimisation techniques in helicopter rotor design	1979
19790087550	The flying qualities of aircraft with actively augmented pitch and yaw stability	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087553	Static force test of a conceptual advanced fighter aircraft configuration with a flow-through engine inlet at Mach numbers 1.5 to 3.5	1979
19790087554	Design, fabrication, and evaluation of nonmetallic couplings for hydraulic pumps and generators on the CH-53E helicopter	1979
19790087555	ALE-41/EA-6B compatibility flight test	1979
19790087556	AIM-7F follow-on operational test and evaluation, extended captive-carry program	1979
19790087557	Evaluation of A-6 airplane/CBU-72/B fuel air explosive weapon compatibility	1979
19790087558	SH-3H helicopter/USS Coral Sea (CV-43) dynamic interface evaluation	1979
19790087561	Low-altitude cluster delivery technology	1979
19790087562	Product improvement test (cold weather/snow ingestion) of the OH-58C helicopter	1979
19790087564	Navy evaluation of the C-2 airplane as modified by the service life extension program	1979
19790087568	Electronics cooling and thermal management	1979
19790087570	A finite element package for the stress analysis of gas turbine components	1979
19790087574	The TF34-GE-100, -400 turbofan engine accident investigation procedures	1979
19790087576	OV-10D flight test support	1979
19790087577	Theoretical studies of automatic flight control laws for a BAC 1-11 aircraft utilising the wing spoilers for direct lift control	1979
19790087578	Flight optimisation of a manual direct lift control facility on a BAC 1-11 aircraft	1979
19790087579	Backup flight control design procedures to increase survivability of aircraft. Volume 3: Design manual	1979
19790087580	DIGITAC 2 phase 1, yaw control laws and analytical redundancy evaluation	1979
19790087581	F-15A/B nestable fuel tank ground vibration, flight flutter and loads demonstration test program	1979
19790087582	Ground vibration test of the highly maneuverable aircraft technology (HiMAT) vehicle	1979
19790087587	AIM-4F missile capability against a maneuvering target	1979
19790087588	AFSATCOM AN/TSC-88 type 12 terminal installation, operation and checkout handbook	1979
19790087591	Air-Launched Cruise Missile (ALCM). Initial operational test and evaluation. Annex B: Software	1979
19790087592	Air-Launched Cruise Missile (ALCM). Initial operational test and evaluation. Test plan. Annex D: Data management plan	1979
19790087594	Geometric reference preparation: The broken segment matcher	1979
19790087595	ENDO homing guidance technology study: Planar simulation extension for 3D-sim	1979
19790087597	The effect of simulated aerodynamic heating on the strength of two rocket motor case Aluminium alloys	1979
19790087598	Orbit transfer Vehicle (OTV) engine phase A study. Volume 3: Study cost estimates	1979
19790087600	Structural analytical and assessment tasks AFRPL nozzle programs	1979
19790087601	Three dimensional finite element computer program development	1979
19790087602	MX lower stage movable nozzle advanced development program, volume 1	1979
19790087603	MX lower stage movable nozzle advanced development program, volume 2	1979
19790087633	Strength of composites	1979
19790087634	Investigation of advanced D. S. alloy compositions	1979
19790087636	Metallic coating development and evaluation program	1979
19790087637	Seawater corrosion and fatigue of nickel-aluminum bronze and manganese-nickel-aluminum bronze	1979
19790087642	New high-performance fibers	1979
19790087643	Synthesis of high molecular weight fluoroalkylarylenesiloxanylene (FASIL) polymer	1979
19790087645	Plastics in a field of neutron radiation	1979
19790087658	Combustion behavior of solid fuel ramjets	1979
19790087689	Low burn rate propellants	1979
19790087690	Explosives research and development	1979
19790087691	Preparation and tests of hydrazine monopropellants based on hydroxylamine and hydrazine nitrate	1979
19790087694	Investigation of depressor additive efficiency in diesel fuel mixtures	1979
19790087695	Low cost binder development	1979
19790087696	Surveillance: Yaw thrusters Mark 83 and Mark 85	1979
19790087700	Analysis of the need for a propagation forecasting capability (Prophet) in the US Navy	1979
19790087701	Design and development modem, digital data, AN/GSC-36	1979
19790087702	Surface acoustic wave convolver	1979
19790087704	Private line interface development: Packet network security	1979
19790087707	Technical and performance evaluation of the first article AN/TPN-30 radio control link interface	1979
19790087710	CCTC technical test plan for AN/FRR-75 SLFCS ground receiving equipment	1979
19790087711	Independent evaluation report for Initial Operational Test and Evaluation (IO T and E) of the AN/ARC-186 VHF AM/FM radio	1979
19790087712	Low spurious Surface Acoustic Wave (SAW) delay lines	1979
19790087713	Moving target indicator performance prediction	1979
19790087715	Qualification verification of AMF solid state dc voltage regulator P/N CSV1152-1AB	1979
19790087719	Technical feasibility of molded plastic ordnance electrical connectors	1979
19790087752	Rectifier discharger	1979
19790087768	Synchronous pulse generator with a with a high pulse-sequence frequency	1979
19790087775	Multielement and photo-controlled devices for measurement and visualization of the structure of WHF fields	1979
19790087790	Semiconductor device, diode, die, rectifier, general purpose, silicon	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087793	Bonded grid cathode technology, phase 2	1979
19790087794	Manufacturing Methods and Technology (MM and T) for 18 mm third generation 0.9 micron wafer intensifier tubes	1979
19790087795	Method of inertialess spark connection of high-voltage devices	1979
19790087796	A high-voltage square pulse oscillator	1979
19790087801	A new angular displacement transducer	1979
19790087802	Holographic grating study, volume 2	1979
19790087803	Lance army gyro sled test	1979
19790087804	Laboratory investigation of the Litton LG-1830-r4-2, LG1830-R9-2 and LG2328-R13-1 laser gyros	1979
19790087807	High Survivability Test Vehicle (HSTV) carbon dioxide (CO2) laser rangefinder (LRF)	1979
19790087808	Optical characterization of IR transmitting and laser window materials	1979
19790087809	A study to design a free electron laser experiment. Volume 4: FEL theory	1979
19790087814	Summary developments in machine welding large and small diameter stainless steel pipe	1979
19790087815	Methodology investigation on the consolidation of test operations procedures 5-2-590 and 6-2-536 (salt fog tests) into MIL-STD-810C	1979
19790087816	Time-history vibration testing	1979
19790087817	Comparison of structural response predictions of several computer codes with an exact solution to a simple test problem	1979
19790087820	Improvement of photogrammetric instruments	1979
19790087822	Balloon altitude mosaic measurements: Data report no. 1	1979
19790087824	An evaluation of thermospheric models	1979
19790087825	Thermophysical processes in the Frozen Soil-Water system during the construction of dams from local materials	1979
19790087827	Earthquakes in the USSR in 1975	1979
19790087831	Microwave applicator to diagnose and treat cancer using non-invasive techniques	1979
19790087833	Low altitude training for F-4 aircrews from orientation to combat capability	1979
19790087834	Improved CRU-73/A oxygen regulator and GCU-24/A oxygen converter qot/e	1979
19790087835	Advanced memory technology: Solid state memory flight data recorder	1979
19790087837	Interactive graphics ORION model, version 2: Volume 1: Description of improved threat models	1979
19790087838	Adaptive verification and validation	1979
19790087841	Data Processing for Advanced Midcourse Optical Sensors (DPAMOS). Volume 4: Data processing for laser sensor systems, phase 2	1979
19790087842	Infrared search and surveillance with active rangefinding	1979
19790087845	Millimeter wave indium phosphide Gunn devices for operation at 60 ghz and 94 ghz	1979
19790087846	Identity information processing (FORSTAT) program maintenance manual, Volume 1. Part 2: The FORSTAT system, change 1	1979
19790087848	AFRPL/NWC Workshop on Air-launched Missile Motor Behavior	1979
19790087849	Air-Launched Missile Motor Behavior Workshop	1979
19790087850	Air-launched missile motor behavior program	1979
19790087851	Hazard assessment by scenarios	1979
19790087852	Navy policy/criteria for solid propellants	1979
19790087853	Design to risk	1979
19790087854	Hazards viewed from the cockpit	1979
19790087855	Hazard tests	1979
19790087856	Probability estimation	1979
19790087857	Implementation by joint services	1979
19790087858	Exercise in hazard ranking	1979
19790087876	The VOX program: A review and analysis of its acquisition process	1979
19790087877	Coping with low-level wind shear	1979
19790087878	Supersonic tactical aircraft configuration test at Mach numbers from 0.4 to 1.2	1979
19790087880	XFV-12A wing augmentor system and component diagnostic testing	1979
19790087881	P-3 fuel saving technology applications study	1979
19790087883	Helicopter survivability model - computer programs documentation. Volume 1: All programs except C81/SLAMUR	1979
19790087884	Flight systems evaluation of the model TA-4KU airplane	1979
19790087885	Did we err in the development of Remotely Piloted Vehicles (RPV'S)?	1979
19790087886	Navy evaluation of Grumman Aerospace corporation proposed modifications to the F-14A airplane	1979
19790087887	F-106 automatic lock-on investigation	1979
19790087889	Analysis of uncertainty in aircraft performance calculation	1979
19790087892	Airborne Target Acquisition and Fire Control System (ATAFCS) inflight boresight	1979
19790087893	Radiation/smoke and combustion efficiency from gas turbine flames. Part 4: Fuel property effects on performance	1979
19790087894	High survivability flight controls design. Volume 1: AH-1S helicopter ballistic-damage-tolerant subsystems preliminary design	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790087895	Development of an Advanced Skewed Sensory Electronic Triad (ASSET) system for flight control. Phases 3A and B: Laboratory verification and flight test	1979
19790087899	A 2/9-scale navy standard missile SM-1, block 7 (MR) test at transonic Mach numbers	1979
19790087901	Static force tests of the Army/MM advanced missile configuration at Mach numbers 6, 8 and 10	1979
19790087902	SHILLELAGH missile system guidance and control product improvement test	1979
19790087903	Geometric reference preparation: Automatic cultural scene analysis	1979
19790087905	Packet broadcast by satellite: Pluribus satellite IMP development. UNIX system development. Remote site maintenance. Internet development. HP3000 front end	1979
19790087906	Continuous wave monitoring in the AIM-4F WSEM	1979
19790087910	Plume visibility detection study	1979
19790087912	The effects of an exhaust plume on the coupling of electromagnetic energy to a missile with a comparison of various plume models	1979
19790087915	Shuttle computer model for on-orbit contamination analysis	1979
19790087918	Base Heating Prediction Methodology Used for the Space Shuttle	1979
19790087921	Wind tunnel test to investigate the aerodynamic characteristics of the SPIKE rocket with a simulated jet plume at Mach numbers from 0.6 to 1.3	1979
19790087922	Simulated altitude performance of the LGM-25C titan II first and second state engine start cartridges having ages of 105 to 134 months	1979
19790087923	Boost measurements and analysis program. Volume 5: Rocket plume radar cross section predictions for a field measurement program	1979
19790087924	Boost measurements and analysis program. Volume 7: Plasma properties derived from full scale rocket motor measurements	1979
19790087925	Boost measurements and analysis program. Volume 8: EXORCS, a computer code for the prediction of radar signatures for rocket plumes at high altitudes	1979
19790087926	Boost measurements and analysis program. Volume 9: Rocket plume measurements and data evaluation	1979
19790087927	Impact damage tolerance of thick graphite/epoxy laminates	1979
19790087950	Surveillance: Army stockpiled M22 cargo release cutter	1979
19790087951	Surveillance: Air Force service-returned M1A2 thruster	1979
19790087952	Storing powered hydrogen	1979
19790087954	Elastomeric components for bipropellant feed systems	1979
19790087955	Advanced air cycle machine research and development - AECS/C	1979
19790087956	Review of available conductive flooring materials for munitions facilities	1979
19790087957	Cryogenic refrigerator for HALO program	1979
19790087958	Advanced development tests of a composite material for antenna element radomes	1979
19790087960	Multi-target fire control radar study	1979
19790087964	Beacon Augmented Radar Scoring System (BARSS) verification program	1979
19790087967	PACCS UHF frequency compatibility test procedures, volume 2	1979
19790087968	Systems electromagnetic compatibility	1979
19790088013	Device for igniting a pulse gas discharge tube by means of a pilot arc	1979
19790088019	Problem of development of electrical contact devices with minimum radio noise	1979
19790088026	Mathematical modeling of electromechanical transient processes in a dynamoelectric pulsed power source	1979
19790088031	Manufacturing Methods and Technology (MM and T) measure for fabrication of thin film aluminum oxide (Al ₂ O ₃) ion barrier 18mm microchannel plates	1979
19790088033	Excitation of diffraction radiation by a current pulse	1979
19790088040	The effect of weak wave disturbances on the flow of a viscous compressible liquid	1979
19790088046	Digital optical video disc	1979
19790088047	Laboratory and centrifuge tests of the Honeywell laser gyro, model GG1328, for the AGT project	1979
19790088048	Clamp-on ultrasonic flowmeters for naval applications	1979
19790088049	Electron gun for high average power UV/visible lasers	1979
19790088050	Development of reliable 1.06-micrometers lasers	1979
19790088051	Fort Carson laser ranges for OTEA testing of the AN/TVQ-2 (GLLD)	1979
19790088052	A study to design a free electron laser experiment. Volume 1, Revision 1: Electron storage ring concept analysis	1979
19790088053	Reflectivity alteration measurements program	1979
19790088057	A dual bound used for monitoring structural optimization programs	1979
19790088059	Geophysics, astronomy and space	1979
19790088060	Synoptic eddies in the open ocean: A new discovery in oceanology	1979
19790088061	Study of deep faults	1979
19790088062	Geomagnetic field disturbances created by sea currents	1979
19790088063	Electromagnetic field of sea waves in an electrically stratified sea	1979
19790088065	The European 1977 datum: First results of the Retrig adjustment phase 2	1979
19790088066	Analytical phototriangulation and prospects for its development	1979
19790088068	LSA large area silicon sheet task enhanced ID slicing technology for silicon ingots	1979
19790088069	LSA large area silicon sheet task continuous liquid feed Czochralski growth	1979
19790088070	Silicon solar cell fabrication technology	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19790088076	Photochemical hydrogen production: A way to convert and store solar energy	1979
19790088077	The response of rechargeable nickel cadmium aircraft batteries to ballistic threats	1979
19790088080	Instrument for contactless monitoring of the condition of sections of the crust of a planetary surface	1979
19790088081	Handbook on Aviation Meteorology (selected articles)	1979
19790088083	Distributed data processing research	1979
19790088084	Initial operational evaluation of the AN/AYK-14 standard airborne computer	1979
19790088086	Generalized retrieval and sort processor/output processor grasp/op: User's manual	1979
19790088087	Cumulative binomial probability distribution reference book	1979
19790088092	Component evaluation and requirements for coherent optical signal processors	1979
19790088094	Magnitude of normal current density in a contracted plasma	1979
19790088095	Pulse magneto-plasma compressor: Evaluations of the kinetic directivity factor and characteristics of the flux	1979
19790088097	Force status and identify information processing system (FORSTAT) program maintenance manual. Volume 1: The FORSTAT system, part 3, change 1	1979
19790088103	Translations on USSR science and technology: Physical sciences and technology	1979
19790088104	Computers in experimental physics	1979
19790088105	Air and Cosmos reports on Salyut-6 mission operations	1979
19790088106	Generation and utilization of powerful nanosecond pulses, a scientific communication	1979
19800002001	Network functions and facilities	1979
19800002002	Voyager support	1979
19800002003	Pioneer 11 saturn encounter support	1979
19800002004	Radio astronomy	1979
19800002005	A voltage-controlled optical radio frequency-phase shifter	1979
19800002006	A point design for a gyrotron traveling wave tube amplifier	1979
19800002007	Demonstration of remote clock monitoring by VLBI, with three baseline closure	1979
19800002008	Projected state-of-the-art for frequency standards for the DSN in the 1982 - 1990 time frame	1979
19800002009	The R sub 0 parameter for optical communication using photon counting	1979
19800002010	Density and reliability predictions for a general logic structure for custom LSI	1979
19800002011	Frequency down-converters as applied to VLBI	1979
19800002012	The NOCC radio science subsystem: System performance validation for the DSN radio science and Very Long Baseline Interferometry (VLBI) systems	1979
19800002013	Design of a quick-look decoder for the DSN (7,1/2) convolutional code	1979
19800002014	A Reed-Solomon deeding program for correcting both errors and erasures	1979
19800002015	DSN tracking system uplink frequency control	1979
19800002016	DSN CONSCAN: A vector nomenclature and method for determining parameter values	1979
19800002017	Antenna azimuth bearing model experiment	1979
19800002018	Radio frequency performance of DSS 14 64-m antenna at X-band using a dual hybrid mode feed	1979
19800002019	An experimental investigation of the effects of antenna pointing errors on range delays	1979
19800002020	S-band ultralow-noise traveling-wave maser	1979
19800002021	An improvement in Fourier transform accuracy	1979
19800002022	DSS receiver thermal noise model comparisons	1979
19800002023	Deep space network feasibility study of terminating Southern California Edison electrical service to Goldstone	1979
19800002024	X-band sampling by the occultation data assembly	1979
19800002078	Improving the stress rupture and creep of silicon nitride	1979
19800002295	Summary of significant results	1979
19800002296	Geologic analysis of ASTP photographs of parts of southern California	1979
19800002297	Marda fault zone and the opening of the Red Sea	1979
19800002298	Evaluation of satellite images of the Levantine Rift zone	1979
19800002299	Analysis of Skylab and astp photographs of the Levantine (Dead Sea) fault zone	1979
19800002300	Analysis and synthesis of space imagery of the southeastern-Turkey/northwestern-Iran mobile belt	1979
19800002301	Structural pattern of the northern part of the eastern desert of Egypt	1979
19800002302	Photolineaments in the ASTP stereostrip of the western desert of Egypt	1979
19800002303	Utilization of ASTP photographs in the study of small structures in Abu Rawash and Wadi el Natrun, Egypt	1979
19800002304	Phototectonic analysis of southeastern Spain from ASTP photographs and LANDSAT images	1979
19800002305	East-West pervasive lineaments in central and southeastern Spain	1979
19800002306	Photogeologic analysis of ASTP photographs of the Lake Torrens-Flinders Ranges-Lake Blanche area, South Australia	1979
19800002307	Volcanic landforms and astroblemes	1979
19800002308	Riachao Ring, Brazil: A possible meteorite crater discovered by the Apollo astronauts	1979
19800002309	Color zoning in the western desert of Egypt	1979
19800002310	Orbital observations of sand distribution in the western desert of Egypt	1979
19800002311	Preliminary analysis of color variations of sand deposits in the western desert of Egypt	1979
19800002312	Temporal changes as depicted on orbital photographs of arid regions in North Africa	1979
19800002313	ASTP photographs of southeastern Angola	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800002314	Color of desert surfaces in the Arabian peninsula	1979
19800002315	Monte Desert of San Juan, Argentina, as photographed by ASTP	1979
19800002316	Dunes and other windforms of central Australia, and a comparison with linear dunes on the Moenkopi Plateau, Arizona	1979
19800002317	Determining photograph locations over oceans	1979
19800002318	Interpreting ASTP photographs of the ocean and locating the area photographed, case study of the Gulf of Mexico	1979
19800002320	Antipodal seas	1979
19800002321	Maltese Front and Strait of Sicily ocean pattern analysis	1979
19800002322	Ocean color observations	1979
19800002323	Analysis of water color as seen in orbital and aerial photographs of Cape Cod, Nantucket, and Martha's Vineyard, Massachusetts	1979
19800002324	ASTP at Barbados: Mesoscale pools of Amazon River water in the western tropical Atlantic	1979
19800002325	Estimate of total reflectance from the Orinoco River outflow	1979
19800002326	Observations of internal-wave surface signatures in ASTP photographs	1979
19800002327	Detection of a probable ancestral delta of the Nile River	1979
19800002328	Suspended-sediment dispersal patterns of river deltas photographed by ASTP	1979
19800002329	Use of Apollo-Soyuz photographs in coastal studies	1979
19800002330	South American river morphology and hydrology	1979
19800002331	Snow hydrology studies	1979
19800002332	Mesoscale cloud patterns revealed by ASTP photographs	1979
19800002333	Comparison of astronaut visual color observations with ASTP photographs	1979
19800002334	Film selection for the earth observations and photography experiment	1979
19800002335	Film exposure calculations	1979
19800002336	ASTP photographic film processing and sensitometric summary	1979
19800002337	Photogrammetric analysis of ASTP earth observations experiment data	1979
19800002468	A correlation between auroral kilometric radiation and inverted-V electron precipitation	1979
19800002533	Aerospace medicine and biology: A continuing bibliography with indexes	1979
19800002833	AVIONICS: Projections for civil aviation, 1995-2000	1979
19800002896	Micromechanics of intraply hybrid composites: Elastic and thermal properties	1979
19800003167	Scientific objectives	1979
19800003168	Scientific objective 1: Global flow of water vapor and pollutants	1979
19800003169	Scientific objective 2: Stratospheric and mesospheric chemistry and transport	1979
19800003170	Scientific objective 3: Radiative models	1979
19800003171	Scientific objective 4: Meteorological data	1979
19800003172	Scientific objective 5: Upper atmospheric waves	1979
19800003173	Scientific objective 6: Thermospheric chemistry and transport	1979
19800003174	Scientific objective 7: Magnetospheric sun and weather relationships	1979
19800003175	Candidate shuttle lidar experiments	1979
19800003176	Shuttle atmospheric lidar program evolution	1979
19800003177	Appendix A: Descriptions of shuttle borne lidar experiments	1979
19800003178	Appendix B: Lasers of potential use for shuttle lidar	1979
19800003179	Appendix C: Transmitting and receiving optics considerations	1979
19800003180	Appendix D: Spectral discriminators and detectors for shuttle lidar	1979
19800003254	Proceedings of the 28th Meeting of the Mechanical prevention group, Report on MFPG detection, diagnosis, and prognosis	1979
19800003716	An emission-line survey of the Milky Way	1979
19800004196	Recommended plan for project FRACT: A critical evaluation of fracture related analytical and computational techniques	1979
19800004745	Supersonic Stability and Control Characteristics of a Cruciform Missile Model with Delta Wings and Aft Tail Fin Control	1979
19800005064	Comparison of centrifuge and freezing calorimeter methods for measuring free water in snow	1979
19800005279	ISEE-1 and 2 Magnetometer Observations of the Magnetopause	1979
19800005488	Numerical simulation of sudden stratospheric warnings	1979
19800005646	Conceptual design study of a concrete canister spent-fuel storage facility	1979
19800005733	Assessment of the state of technology of automotive Stirling engines	1979
19800005894	Network functions and facilities	1979
19800005895	DSN radio science system, Mark III-80	1979
19800005896	Voyager mission support	1979
19800005897	Pioneer 11 Saturn encounter mission support	1979
19800005898	Stability of the multimegabit telemetry carrier loop	1979
19800005899	An examination of ancillary equipment for a proposed 34.3 GHz high power gyrotron TWT amplifier	1979
19800005900	Evaluation of the VA-876P klystron for the 20-kW X-band uplink transmitter	1979
19800005901	A computer-aided design system for custom large-scale integrated circuits	1979
19800005902	A study of the influence of oil saturation on the 64 meter antenna hydrostatic bearing grout	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
1980005903	Voyager 1979: Update to the radial and solar cycle variations in the solar wind phase fluctuation spectral index	1979
1980005904	An efficient program for decoding the (255,223) Reed-Solomon code over GF (2 to the 8th power) with both errors and erasures, using transform decoding	1979
1980005905	The microprocessor-based synthesizer controller	1979
1980005911	Press briefing: MAGSAT	1979
1980006384	Laboratory measurements	1979
1980006385	Models	1979
1980006386	Budgets	1979
1980006387	Radicals, reservoirs, and ions	1979
1980006388	Meteorology of the stratosphere	1979
1980006389	Long period changes in stratospheric parameters	1979
1980006390	Model predictions	1979
1980006415	The effects of hypodynamia and hypokinesia on the arterial bed of pelvic limb muscles in the rabbit	1979
1980006424	Physiological factors in space operations. Emphasis on space shuttle	1979
1980006709	Press conference: FY 1980 budget	1979
1980006710	The NASA FY 1980 budget	1979
1980006750	Pioneer Saturn encounter news briefing	1979
1980006751	Future of planetary exploration	1979
1980006808	NASA/Army XV-15 tilt rotor research aircraft wind-tunnel test program plan	1979
1980007755	Geochemistry of lunar and planetary processes	1979
1980007943	Space shuttle solid rocket booster aft skirt reentry noise induced by an aerodynamic cavity-flow interaction	1979
1980007948	Blast from Bursting Frangible Pressure Spheres	1979
1980007951	The Shock and Vibration Bulletin. Part 2: Modal and impedance analysis, human response to vibration and shock, isolation and damping, dynamic analysis	1979
1980007952	An impedance technique for determining low frequency payload environments	1979
1980007953	A statistical look at modal displacement response to sequential excitations	1979
1980007954	On determining the number of dominant modes in sinusoidal structural response	1979
1980007955	Lateral and tilt whirl modes of flexibly mounted flywheel systems	1979
1980007956	Whole-body vibration of heavy equipment operators	1979
1980007957	Research related to the expansion and improvement of human vibration exposure criteria	1979
1980007958	Computer aided design of passive vibration isolators for airborne electro-optical systems	1979
1980007959	Design of turbine blades for effective slip damping at high rotational speeds	1979
1980007960	A simple low-cost technique for measuring material damping behavior	1979
1980007961	The effects of frequency, amplitude, and load on the dynamic properties of elastomers	1979
1980007962	Liquid spring shock isolator modeling by system identification	1979
1980007963	A generalized derivative model for an elastomer damper	1979
1980007964	Shock response of non-linear systems	1979
1980007965	Stability analysis and response characteristics of two-degree of freedom nonlinear systems	1979
1980007966	Application of random time domain analysis to dynamic flight measurements	1979
1980007967	Shock spectra design methods for equipment-structure systems	1979
1980007968	A computational model describing the initiation of silver acetylide-silver nitrate explosive by an intense light source	1979
1980007969	Terminal velocity and rotation rate of a flyer plate propelled by a tube-confined explosive charge	1979
1980007970	A stability theorem for a dynamically loaded linear viscoelastic structure	1979
1980007971	Analog double integration of shock pulses	1979
1980007996	Producing slush oxygen with an auger and measuring the storage characteristics of slush hydrogen	1979
1980008002	Comparison of Radar Derived Rain Attenuation with the Comstar Beacon at 28.56 Ghz for Summer and Winter Periods	1979
1980008164	Illinois LANDSAT feasibility study	1979
1980008624	Production and diagnostics of dense nuclear plasmas	1979
1980008738	Atlas of Mars: The 1:5000000 map series	1979
1980008855	Status of Fluorine/Hydrazine Propulsion Systems Technology for Planetary Missions	1979
1980008856	A Summary and Update of the Configuration and Temperature Control Studies for a Fluorine-Hydrazine Propulsion System	1979
1980008857	Progress on a Liquid Fluorine-Hydrazine Rocket Engine Thrust Chamber Assembly	1979
1980008858	Materials Compatibility with Fluorine	1979
1980008859	Control Component Development for a Fluorine-Hydrazine Propulsion System	1979
1980008978	Factors affecting the fracture energy of a structural adhesive	1979
1980009042	Shock isolation platform for SEASPARROW launcher	1979
1980009273	Seasat Gulf of Alaska Workshop report. Volume 1: Panel reports	1979
1980009681	Convection in rotating layers with thermal winds and application to Jupiter	1979
1980010171	A contribution to nonlinear rod theory	1979
1980010275	Seasat gulf of Alaska workshop report	1979
1980010335	A correlation between auroral kilometric radiation and field-aligned currents	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800010636	Broad beam ion source operation with four common gases	1979
19800010713	Implications of fuel-efficient vehicles on ride quality and passenger acceptance: Workshop proceedings	1979
19800011054	A unique radio oceanographic radar	1979
19800011192	Texture extraction on the ILLIAC 4	1979
19800011676	Magnetosheath effects on cylindrical Langmuir probes	1979
19800011708	Low-cost bus-tunnels to the central business district	1979
19800012674	Strongly turbulent stabilization of electron beam-plasma interactions	1979
19800012725	Test and evaluation report of the ERDC Hybrid-Electric Van (HEVAN)	1979
19800013921	An assessment of the risks presented by carbon fiber composites released from motor vehicle fires	1979
19800014091	Satellite Television Transmission. Citations from the International Aerospace Abstracts Data Base	1979
19800014373	Solar power satellites. Citations from the International Aerospace Abstracts data base	1979
19800014635	Pion photoproduction	1979
19800014985	Retrospective search on the biochemical production of alcohol fuels	1979
19800015499	ZMOB: A mob of 256 cooperative z80A-based microcomputers	1979
19800015863	Aerothermal tests of the thermal protection system materials for the space shuttle solid rocket boosters and solid rocket motors	1979
19800015878	Burn/blast tests of miscellaneous graphite composite parts	1979
19800016055	Dynamics explorer power subsystem study, phase B	1979
19800016484	Catalog of federal ocean pollution research, development and monitoring programs, fiscal years 1978 - 1980	1979
19800016577	Application of the method of lines to the solution of elliptic partial differential equations application	1979
19800017312	Thermoelectric Generator Testing and RTG Degradation Mechanisms Evaluation	1979
19800017876	Heat-transfer tests of the NASA/Rockwell International space shuttle orbiter OH-84 B, IH-102 and OH-105	1979
19800018032	Demonstration plant for methanol production from domestic raw materials	1979
19800018042	Investigation of the behavior of methanol as an engine fuel	1979
19800018043	Calculations and analysis of steam methane reforming using high temperature reactor heat	1979
19800018334	Guide for energy compatibility	1979
19800018786	FAA/NASA Proceedings Workshop on Wake Vortex Alleviation and Avoidance	1979
19800019969	Laser-supported combustion wave ignition in hydrogen	1979
19800020915	Space shuttle orbiter silts pod flow angularity and aerodynamic heating tests (OH-102A and OH-400)	1979
19800021377	European technology applicable to Solar Power Satellite Systems (SPS)	1979
19800021729	What can be done to improve intergovernmental science and technology	1979
19800021923	Plume Impingement Pressure Measurements Taken During Sea Level Firings of a Tomahawk Motor	1979
19800021926	Direct Simulation Monte Carlo Method Applied to Shuttle Flow Field Analysis	1979
19800022765	Hybrid vehicle potential assessment. Volume 3: Parallel systems	1979
19800022767	Electric and hybrid vehicle system research and development project: Hybrid vehicle potential assessment. Volume 1: Summary	1979
19800022768	Electric and hybrid vehicle system research and development project, hybrid vehicle potential assessment. Volume 4: Series systems	1979
19800022769	Electric and hybrid vehicle system research and development project, hybrid vehicle potential assessment. Volume 6: Cost analysis	1979
19800022770	Electric and hybrid vehicle system research and development project, hybrid vehicle potential assessment. Volume 8: Scenario generation	1979
19800023114	Design and Evaluation of High Performance Rocket Engine Injectors for Use with Hydrocarbon Fuels	1979
19800023641	Robustness of multiloop linear feedback systems	1979
19800024466	Simulation of the energy-industry-environment system for limited economic regions, using the example of Baden-Wuerttemberg. Part 1: Data, model development adaptation	1979
19800024806	Investigation into the use of hydrogen peroxide for the purification of carbonization wastes	1979
19800025402	Working group on fuel consumption targets	1979
19800026568	The Viking mission and the search for life on Mars	1979
19800069924	Space fabrication demonstration system	1979
19800069925	International sun-earth explorers-1, 2, and 3; post launch report. no. 2	1979
19800070041	Distributed feedback and grating-coupled emission lead-tin telluride double heterojunction laser diodes	1979
19800070066	Development of methods of producing large areas of silicon sheet by the slicing of silicon ingots using Inside Diameter (I.D.) saws	1979
19800070249	Orbiter experiments (OEX). Payload data package annex	1979
19800070250	Shuttle program: OPS MCC ground navigation program: Level C orbit determination processing, Formulation requirements, Measurement Partial Derivative Module (MPDM)	1979
19800070251	Payload data package - annex: Telesat (ANIK-C)	1979
19800070252	STS and international solar polar mission, payload integration plan	1979
19800070253	Shuttle program: OPS MCC ground navigation program, level C orbit determination processing, formulation requirements Observation Computation Module	1979
19800070254	Shuttle program: OPS MCC ground navigation program, level C orbit determination processing, formulation requirements State Transition Matrix Module (STMM)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800070255	Shuttle program: OPS MCC ground navigation program: Level C software requirements, orbit determination processing formulations document Data Editing Processor (DEP)	1979
19800070256	Shuttle program: OPS MCC ground navigation program, level C orbit determination processing, formulation requirements, covariance matrix processor (CMP)	1979
19800070257	Shuttle program: OPS MCC ground navigation program: Level C orbit determination processing. Formulation requirements, Differential Correction Module (DCM)	1979
19800070258	Payload integration plan: Space Transportation System and SYNCOM 4	1979
19800070260	Thermal-protection material evaluation and diagnostic study of advanced high-power arc jets for planetary entry simulation	1979
19800070261	Fracture and crack growth in orthotropic laminates	1979
19800070282	Automated Solar Module Assembly Line	1979
19800070283	Use of Glass Reinforced Concrete (GRC) as a Substrate for Photovoltaic Modules	1979
19800070284	Large Area Silicon Sheet by EFG	1979
19800070285	High Resolution, Low Cost Solar Cell Contact Development	1979
19800070286	Process Development for Automated Solar Cell and Module Production. Task 4: Automated Array Assembly	1979
19800070287	Automated Array Assembly Task Development of Low-cost Polysilicon Solar Cells	1979
19800070288	Low-cost Solar Array Project. Task 1: Silicon Material. Investigation of the Hydrogenation of SiCl ₄	1979
19800070289	X-ray Topographic Analysis of Solar - Cell Silicon Wafers	1979
19800070290	Development of High Efficiency (14 Percent) Solar Cell Array Module	1979
19800070291	Low Cost Czochralski Crystal Growing Technology: near Term Implementation of the Flat Plate Photovoltaic Cost Reduction of the Low Cost Solar Array Project	1979
19800070292	Continuous Czochralski Growth. Silicon Sheet Growth Development of the Large Area Silicon Sheet Task of the Low Cost Silicon Solar Array Project	1979
19800070293	Silicon Solar Cell Process Development, Fabrication and Analysis	1979
19800070294	Automated Solar Panel Assembly Line LSA Task: Production Processes and Equipment	1979
19800070314	Lunar ranging at McDonald observatory	1979
19800070340	Shuttle program: OPS MCC ground navigation program, level C orbit determination processing, formulations requirements, Orbit Determination Executive (ODE)	1979
19800070341	Payload data package-annex: Payload Assist Module-Delta class (PAM-D)	1979
19800070342	Orbiter command and data annex: OFT pallet system carrier, final (baseline)	1979
19800070343	Payload data package: Tracking and data relay satellite system (TDRS)	1979
19800070344	STS and electrophoresis equipment verification test, payload integration plan	1979
19800070345	Spacelab-1: Payload integration plan program for STS	1979
19800070346	Payload integration plan program for STS	1979
19800070347	Data requirements for the payload data package annex	1979
19800070469	Development of Megasonic Cleaning for Silicon Wafers	1979
19800070487	Market survey of geothermal wellhead power generation systems	1979
19800070606	Automotive stirling engine development program	1979
19800070616	Conference on the Lunar Highlands crust	1979
19800070617	Workshop on Ancient crusts of the Terrestrial Planets	1979
19800070628	Flight design system 1. System design document. Processor library, book 2	1979
19800070631	Third FLTSATCOM to be launched	1979
19800070633	Shuttle program: Shuttle OFC, level C, navigation requirements - onorbit	1979
19800070634	Aerothermodynamic data base monthly data file contents report	1979
19800070635	Payload Data Package Annex: Galileo Project	1979
19800070636	Orbit transfer vehicle engine study, phase A, extension 1	1979
19800070715	Low cost solar array project. Experimental process system development unit for producing semiconductor grade silicon using the silane to silicon process	1979
19800070747	Papers Presented to the Conference on Ancient Sun. Fossil Record in the Earth, Moon and Meteorites	1979
19800070814	Numerical aerodynamic simulation facility usage study	1979
19800070819	Flight design system 1. Problem design document. Processor Library, book 1	1979
19800070820	Flight design system 1. System design document. Processor library, book 3	1979
19800070823	Solar power satellite thin sheet conductor evaluation	1979
19800070825	Aerothermodynamic data base monthly data file contents report	1979
19800070826	Payload integration plan for STS and telesat (ANIK-C)	1979
19800070827	Payload integration plan for STS and satellite business systems	1979
19800070828	Payload integration plan for the OFT Pallet carrier, annex	1979
19800070829	Results of tests on the effects of aeroelasticity of the space shuttle orbiter vertical tail using a 0.03-scale model (47-0) in the AEDC-1gT propulsion wind tunnel (oa129)	1979
19800070830	Orbital electrical equipment utilization baseline	1979
19800070831	STS payloads integration plan, revision A	1979
19800070832	Results of experimental investigations in the MSFC TWT to determine effects of a multiple sting support system on the mated vehicle aerodynamics utilizing a 0.004 scale (74-OTS, 77-0) shuttle vehicle 5 (IA140 A/B)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800070833	A verification study of three Ames Research Center pitot-static probes in the Rockwell International NAAL low-speed wind tunnel (OA236)	1979
19800070884	Assessment of Present State-of-the-art Sawing Technology of Large Diameter Ingots for Solar Sheet Material	1979
19800070891	Refraction correction Equations and tables	1979
19800070961	Preparation of Schottky Diodes for EBIC Investigation of Grain Boundary Passivation in Si Ribbons	1979
19800071138	Solar system fact finder	1979
19800071143	IUE observations of interstellar carbon	1979
19800071179	File management study for the Shuttle Mission Simulator Computer Complex (SMSCC)	1979
19800071180	Mission operation report: FLTSATCOM-C	1979
19800071184	User's manual for the Shuttle Actuators Simulator (SAS), volume 1	1979
19800071185	Space shuttle aerothermodynamic data report. Data base file contents report	1979
19800071186	Results of tests using a 0.02 scale model (105-0) of the space shuttle vehicle orbiter in the Arnold Engineering Development Center Von Karman Facility supersonic tunnel A(OA209) and hypersonic tunnel B (OA208)	1979
19800071187	Results of tests using a 0.02-scale model (105-0) of the space shuttle vehicle orbiter in the Arnold Engineering Development Center Von Karman Facility supersonic tunnel A (OA209) and hypersonic tunnel B (OA208)	1979
19800071309	Cathode catalyst for primary phosphoric acid fuel cells	1979
19800071456	Feasibility study of an F-106 aircraft for nonaxisymmetric nozzle flight research	1979
19800071462	Heat-transfer research facilities at the Lewis Research Center	1979
19800071541	Shuttle systems weight and performance	1979
19800071542	Shuttle systems weight and performance	1979
19800071543	Shuttle systems weight and performance	1979
19800071544	Shuttle systems weight performance	1979
19800071545	Shuttle systems weight and performance	1979
19800071546	Shuttle weight and performance	1979
19800071548	Payload integration plan program for STS. OSTA-1 crew compartment annex, revision C	1979
19800071550	Results of test using a 0.030-scale pressure loads space shuttle orbiter model (47-0) in the NASA/ARC unitary plan wind tunnels (OA149A), volume 1	1979
19800071551	Results of test using a 0.030-scale pressure loads space shuttle orbiter model (47-0) in the NASA/ARC unitary plan wind tunnels (OA149A), volume 2	1979
19800071557	Three-dimensional analysis of fastener holes in laminated composites in the JIAFS at NASA Langley Research Center	1979
19800071613	A.C. Losses in Interacting Superconducting Magnet Coils	1979
19800071625	The development of a sampling strategy for multicrop estimation: A technical plan	1979
19800071629	NASA-1979 photography index	1979
19800071804	Collisional and dynamical processes in Moon and planet formation	1979
19800071818	Flight operations support annex, OSTA-1 annex 3	1979
19800071888	Development of low cost contacts to silicon solar cells	1979
19800071889	Silicon on Ceramic Process. Silicon Sheet Growth for the Large-area Silicon Sheet Task of the Low-cost Solar Array Project	1979
19800071890	Continuous Czochralski Growth	1979
19800071891	Silicon Solar Cell Process Development, Fabrication and Analysis	1979
19800071893	The establishment of a production-ready manufacturing process utilizing thin silicon substrates for solar cells	1979
19800071894	Novel duplex vapor-electrochemical method for silicon solar cells	1979
19800071895	Automated Solar Module Assembly Line	1979
19800071896	Automated Array Assembly, Phase 2	1979
19800071897	Development and Evaluation of Die Materials for Use in the Growth of Silicon Ribbons by the Inverted Ribbon Growth Process. Task 2: LSA Project	1979
19800071898	Phase 2: Array Automated Assembly Task Low Cost Silicon Solar Array Project	1979
19800071901	Anti-reflection coatings on large area glass sheets	1979
19800071902	Low Cost Czochralski Crystal Growing Technology. Near Term Implementation of the Flat Plate Photovoltaic Cost Reduction of the Low Cost Solar Array Project	1979
19800071926	Plasma physics abstracts	1979
19800071943	Voyager 2-46A, P-21779	1979
19800071944	Voyager 2-47, P-21780	1979
19800071964	Voyager 1 encounter	1979
19800071969	Data requirements for the orbiter command and data annex	1979
19800071970	Data requirements for the orbiter crew compartment annex	1979
19800071973	NBS: Properties of electronic materials	1979
19800072109	Baseline studies on the development of the mouse cranial sensory systems: An analysis of the development and differentiation of the visual, vestibular and cranial proprioceptive systems mus musculus	1979
19800072151	The Voyager Project	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800072152	Photo caption	1979
19800072153	Photo caption	1979
19800072154	The Voyager Project	1979
19800072155	The voyager Project	1979
19800072156	The Voyager Project	1979
19800072157	The Voyager Project	1979
19800072158	The Voyager Project	1979
19800072159	The Voyager Project	1979
19800072160	The Voyager Project	1979
19800072161	The Voyager Project	1979
19800072162	Voyager 2-46, 260-608	1979
19800072191	Ascent engine-out stability analysis with VEH.5.6H OFT-1A modal data	1979
19800072196	Interaction of model opiate anionic receptor sites with characteristic N-substituents of rigid opiates: PCILO and empirical potential energy calculations	1979
19800072223	Acceptance test procedure for shuttle task 501 closed circuit television system console	1979
19800072254	State information needs for resource management	1979
19800072259	Technology development for phosphoric acid fuel cell powerplant, phase 2	1979
19800072260	Technology development for phosphoric acid fuel cell power plant, phase 2	1979
19800072261	Low cost solar array project. Task 1: Silicon material. Gaseous melt replenishment system	1979
19800072263	Low cost solar array project. Large area silicon sheet task. Silicon web process development	1979
19800072264	Phase 2 of the automated assembly task of the low cost silicon solar array project	1979
19800072265	Low cost solar array project. Large area silicon sheet task. Silicon web process development	1979
19800072314	A polynomial algorithm in linear programming	1979
19800072342	Ceramic regenerator systems development program	1979
19800072540	Investigation of Test Methods, Material Properties, and Processes for Solar Cell Encapsulants	1979
19800072543	Automated array assembly task development of low-cost polysilicon solar cells	1979
19800072912	Low cost solar array project. Experimental process system development unit for producing semiconductor-grade silicon using the silane-to-silicon process	1979
19800073099	The NSMRL Tri-word Test of Intelligibility (TTI)	1979
19800073111	NASA 1980 Photography Index	1979
19800073169	Continuous Czochralski growth. Silicon sheet growth development of the large area silicon sheets task of the low cost silicon solar array project	1979
19800073170	Cathode catalyst for primary phosphoric acid fuel cells	1979
19800073232	Mechanisms and rates of atmospheric deposition of selected trace elements and sulfate to a deciduous forest watershed	1979
19800073367	STS-1 unique redundant computer set logic flow diagrams (sequencing)	1979
19800073381	Ilvaite: A study of temperature dependent electron delocalization by the Mossbauer effect	1979
19800073406	The optimization of the TEM electron micrograph: A new way to collect more electrons	1979
19800073432	Dilatancy anisotropy and the response of rock to large cyclic loads	1979
19800073438	Studies of the composition and temperature of the upper ionosphere as deduced from electron distributions observed by the topside sounder satellite	1979
19800073443	Topside ionosphere disturbance effects during different phases of two successive magnetic storms in September 1963	1979
19800073446	Characteristics of the midlatitude maximum in the O I 5577 A airglow emission rate	1979
19800073475	Investigation of the mechanics of strike slip faulting in an anelastic earth	1979
19800073482	Control of intractable abdominal bleeding by external counterpressure	1979
19800073484	Evaluation of HUD symbologies presented at Ames	1979
19800073498	Petitions for patent waivers	1979
19800073517	Correlations of H2 with CH(+)	1979
19800073597	Mixed-valence minerals of iron and titanium: Correlations of structural, moessbauer and electronic spectral data	1979
19800073609	Noble gases in Allende minerals: Reply to Manuel's critique	1979
19800073647	Monitoring of LNG vapors, phase 1	1979
19800073688	Lightning. Citations from the International Aerospace Abstracts data base	1979
19800073696	Interaction of model anionic receptor sites with characteristic N-substituents of rigid opiates: PCILO and empirical potential energy calculations	1979
19800074135	Alpha particles. Citations from the International Aerospace Abstracts data base	1979
19800074544	Experiment and payload requirements for the materials experiment carrier. Volume 1: Executive summary	1979
19800074545	Experiment and payload requirements for the materials experiment carrier. Volume 2: Technical report	1979
19800074667	Phase 1, integrated community energy plan for Riverside, California, volume 2	1979
19800074673	Evaluation of the Technical Feasibility and Effective Cost of Various Wafer Thickness for the Manufacture of Solar Cells	1979
19800074804	Controlled fusion reactor design and technology-Tokamak devices. Citations from the International Aerospace abstracts data base	1979
19800075156	Support of the Symposium on Solar-Terrestrial Influence on Weather and Climate	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800075626	Studies on the effects of physical exercise on humans. Citations from the International Aerospace abstracts data base	1979
19800076180	Active antenna coupler for VLF	1979
19800076201	Pressure distribution and integrated loads at four stations on the space shuttle external tank lox feedline (LA140)	1979
19800076670	NAVY/NASA ARI flight test program F-14 No. ix ARI functional flight test report	1979
19800076828	Effect of canard on stability and inlet-flow-field characteristics of a variable-sweep fighter model (U)	1979
19800076829	Aerodynamic characteristics of a series investigated as part of the SASS program (U)	1979
19800076831	Quiet short-haul research aircraft predicted flight characteristics	1979
19800076832	QSRA phase 2 flight simulation mathematical model	1979
19800076833	Quiet Clean Short-haul Experimental Engine (QCSEE). Over-the-wing (OTW) engine. Propulsion system. Appendix B: Acoustic data	1979
19800076835	Fire testing of NASA samples, phase 1	1979
19800076836	Salyut-6: Soyuz-29 Progress-2, Soyuz-30 Progress-3, Soyuz-31 Progress-4 space flights	1979
19800076837	A command and measuring complex	1979
19800076838	Large space systems erectable structures assembly simulations	1979
19800076839	Test plan for Special Telemetry Conversion System (STCS)	1979
19800076841	Aging study Scout rocket motors	1979
19800076842	Particle efflux and fields test definition	1979
19800076843	Orbital Transfer Vehicle (OTV) advanced expander cycle engine point design study	1979
19800076848	Experimental evaluation of a high-speed seal for an aircraft transmission	1979
19800076849	Analysis of space photographs during tectonic-magnetic and metallogenic investigations	1979
19800076852	Preliminary report: Improvement of a mathematical model of a large open fire	1979
19800076853	Kinetics of the electron component of upper atmosphere plasma	1979
19800076854	The role of ACTH in the formation of heparin complexes in blood under immobilization stress	1979
19800076855	The effect of general hypokinesia on blood vessels of the medulla oblongata, pons, and midbrain of the rabbit	1979
19800076856	Effects of long-term hypokinesia on tissue and extremity vessels in experiments (on Dogs)	1979
19800076857	Effects of gravitational stress and hypokinesia on the structure of blood vessels of the rabbit tongue	1979
19800076858	The morphology of the walls of certain arteries in the norm and during limitation of motor activity	1979
19800076859	Influence of immobilization on reproduction of electrical signs of temporary connection	1979
19800076861	Effects of hypokinesia alone and hypokinesia combined with gravitational stress on the structure of the portal system of the liver	1979
19800076862	Microcirculatory bed of the pericardium under hypokinesia conditions	1979
19800076863	Software support for Nimbus-7. LIMS data analysis program	1979
19800076864	The role of molecules in the formation of stars	1979
19800076865	The physics of Mars	1979
19800076868	Space shuttle capabilities of free-flying subsatellite deployment and retrieval	1979
19800076872	The fractionation of binary alloys during vaporization from a single crucible	1979
19800076875	Crew activity planning system coaxial communications cable	1979
19800076877	Imaging radar simulation and signal processing software. Volume 1: An orbital SAR simulation program	1979
19800076886	Spontaneous rhythmic discharges in motor hindlimb nerves of decerebrated cats	1979
19800076887	Afferent discharges in the motor nerves of the hind extremities of spinal immobilized cats induced by intravenous DOPA	1979
19800076888	The effect of an artificial gravity on the skeletal musculature of rats in space flight conditions	1979
19800076903	Ecosystematic approach to the effective use of solar energy by forest	1979
19800076907	Effect of Pharmacological Denervation of the Heart on Orthostatic Stability of Circulation	1979
19800076910	The effect of weightlessness and artificial gravity on the thyroid gland	1979
19800076920	A multi media approach to the training of airline pilots on the terminal configured vehicle EADI display	1979
19800076921	The architecture of weightlessness	1979
19800076925	Electron beam energy distribution in a nitrogen plasma	1979
19800076927	Molecules in the atmosphere of stars	1979
19800076928	Molecules in comets	1979
19800076931	Investigation of the conditions of flow past the upper surface of V-shaped wings with detachment from the leading edges of a shock wave	1979
19800076933	Wind-Tunnel Investigation at Mach Numbers from 1.70 to 2.86 of a Canard-Controlled Missile Model Simulating the SA-8 (GECKO)	1979
19800076935	Supplemental pressure distribution data from tests of EET high-lift research model equipped with full-span slat and part-span flaps (U)	1979
19800076972	DOD/NASA structural composites fabrication guide, volume 1	1979
19800076973	DOD/NASA structural composites fabrication guide, volume 2	1979
19800076979	Transmission-line model of the interaction of a long metal wire with the ionosphere	1979
19800076980	Study of antenna diffraction problems	1979
19800076982	STDN Link Analysis. Volume 3: STDN S-Band Antenna Gains, EIRP's and Antenna Noise Temperatures	1979
19800076984	Orbiting tether's electrodynamic interactions	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800076986	Transistor step stress testing program	1979
19800076988	Transistor step stress testing program	1979
19800076989	Transistor step stress testing program	1979
19800076990	Diode step stress testing program	1979
19800076991	Transistor step stress testing program	1979
19800076993	Some exact particular solutions to the problem of the nonstationary motion of a unidimensional continuous medium	1979
19800076994	Study of the initial stage of separation of the boundary layer by an electrodiffusion method	1979
19800077042	Noise environment of wing, fuselage, and cabin interior of a USB STOL airplane	1979
19800077083	Camera/photometer	1979
19800077098	Quantitation of tissue loss during prolonged space flight	1979
19800077117	Analysis of wind tunnel data pertaining to aerodynamics of fighter configurations at high angle-of-attack	1979
19800077119	Investigation of ballistic performance of ESR steel - Kevlar pilot seat	1979
19800077120	A-6E/AQM-37A single/dual missile launch system electrical description and procedures	1979
19800077121	SECAPEM 90/B and SFENA MAE-15 target system evaluation	1979
19800077125	Cruise missile engine program contract data requirements lists, sequence number 96; verification of correction factors	1979
19800077126	V/STOL weight estimation methods: Engine system method development	1979
19800077128	Design analysis for surveillance satellite thermal control systems	1979
19800077129	Installation and programming of an AD-10 multiprocessor in the homing and laser simulation	1979
19800077131	1979 JANNAF Propulsion Meeting	1979
19800077132	Demonstration testing of a full-scale nested cone extendible nozzle	1979
19800077133	Development of a Nested Cone Expandable Exit Cone (NCEEC) for advanced ballistic missile systems	1979
19800077134	Trapped ball nozzle development	1979
19800077135	Hot ball and socket integral nozzle and TVC system	1979
19800077136	Practical aspects of an aging/surveillance program (or lessons from LRSLA)	1979
19800077137	Concerns and recommended use of advanced composites in future aerospace programs	1979
19800077138	Improved performance solid rocket nozzles of advanced and low-cost carbon/carbon materials	1979
19800077139	Evaluation of carbon-carbon exit cone materials for advanced launch vehicle application	1979
19800077140	Antares 3 nozzle design analysis	1979
19800077141	Exploratory development of a low cost PBV propellant feed system	1979
19800077142	Small impulse bit ACS engine for PBPS application	1979
19800077143	Evaluation of attitude control engines for advanced ICBM post boost propulsion systems	1979
19800077144	Expanding metal bellows. A new method of positive expulsion	1979
19800077145	Demonstration tests of a very high boost/sustain thrust ratio solid propellant rocket for application to future air launched missiles	1979
19800077146	Air launch instrumented vehicle evaluation program assessment	1979
19800077147	A powerful new tool for solid rocket motor design	1979
19800077148	An exact practical analysis of the ballistic star configuration	1979
19800077149	Demonstration of tactical motor low cost technology	1979
19800077150	Development of an advanced tactical propellant	1979
19800077151	FTIR spectroscopy studies of HTPB propellant bond lines	1979
19800077152	Proposed standardized method for correlating subscale motor burn rates	1979
19800077153	Combined effect of iron oxide and aluminum on the burn rates of HTPB propellants	1979
19800077154	Non-migrating ferrocene modifiers for composite propellants	1979
19800077155	Unexpected effects of tangential mode combustion instability. 2: Expulsion of burning propellant	1979
19800077156	Development of propellants for gas generator applications	1979
19800077157	Gas generator propellants: Binder selection	1979
19800077158	New binder system for composite solid propellants	1979
19800077159	Ramjet engine exhaust plumes	1979
19800077160	High density carbon slurry fuels: Program and status	1979
19800077161	Experimental investigation of fuel sprays formed by ramburner injectors	1979
19800077162	Application of Stress Relieving Liner (SRL) for air-breathing engines	1979
19800077163	Development of the LIFRAM fuel management system	1979
19800077164	Orbit transfer vehicle engine study, phase A, extension 1	1979
19800077165	Contam data analysis and model improvement study (CONTAM 3). Review and assessment. Volume 2: Spacecraft flight data	1979
19800077179	Amalgapave testing	1979
19800077180	The determination of the direction of arrival of an interference field	1979
19800077181	Ray calculation analysis of high frequency target-of-opportunity data	1979
19800077183	Radar signals and their processing	1979
19800077184	The applicability of controllable antenna polarizations to radar systems	1979
19800077191	Megawatt broadband linear beam amplifier development	1979
19800077214	A pulse oscillator for electroerosion	1979
19800077218	Array pattern synthesis and evaluation study	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077221	Analysis of the mode-locked and intracavity frequency-doubled Nd:YAG laser	1979
19800077223	Uncooled nozzle array technology	1979
19800077225	Gas turbine power plants. Atlas of designs and drawings	1979
19800077228	Parameter sensitivity for terrain: Dependent line-of-sight analysis	1979
19800077229	Compact silver-zinc reserve battery	1979
19800077230	Cell voltage and temperature comparators for nickel-cadmium aircraft batteries	1979
19800077231	Development of plastic case and cover calcium alloy grid, dry charged, low maintenance 6 TN battery	1979
19800077232	Irreversible differentiation of the earth	1979
19800077234	The feasibility of microcomputers in the common user digital information exchange subsystem	1979
19800077235	High speed microprogrammable controller design	1979
19800077237	Nitridation of silicon (111): Auger and LEED results	1979
19800077241	Soft X-ray pulsations from SS Cygni	1979
19800077242	On the energy distribution in Sirius B	1979
19800077243	Translations on USSR science and technology: Physical sciences and technology	1979
19800077244	Socio-philosophical problems of man-machine systems: Artificial intelligence as a complex scientific and technical problem	1979
19800077245	Virtual operation system for small and medium computers	1979
19800077246	Orbits of communications satellites	1979
19800077247	Laser spectroscopy in nuclear physics	1979
19800077248	Evaluation of a new concept for the generation of unsteady flow in a transonic wind tunnel	1979
19800077251	Parametric study and analysis of advanced technology payoffs for Navy V/STOL aircraft	1979
19800077252	Mission operation report: Delta launch of WESTAR-C communication satellite	1979
19800077253	Magsat prelaunch summary	1979
19800077254	Investigation of anomalous defects in viscous-damped, force-feedback accelerometers	1979
19800077256	CAB Current Awareness Bulletin, issue no. 62	1979
19800077257	Protection of wool fiber against damage by microorganisms	1979
19800077259	Polymer electron resists	1979
19800077260	Translations on USSR science and technology: Physical sciences and technology	1979
19800077261	Design of a data transmission network for scientific-technical information	1979
19800077262	Informational capacities of the sets of parameters of radar signals varying stochastically with time	1979
19800077263	Application of the equivalent electron stream method to solving dynamic problems of O-type devices	1979
19800077264	Absorbing-type filter for a high power level	1979
19800077265	Synthesis of circuits and signals for parametrically invariant receiving	1979
19800077266	Correlation function and averaged power of radar signal reflected from an agitated sea surface	1979
19800077267	Acoustic-optical processing of the wideband signals of two-dimensional phased antenna arrays	1979
19800077268	A digitally controlled adaptive processor for an antenna array	1979
19800077269	Optimal spatial processing of a signal against a background of interference from a subjacent surface	1979
19800077270	On a dosimetry method for laser radiation	1979
19800077271	Air and Cosmos gives Salyut-6 progress report	1979
19800077272	Space engineering in the service of geodetics, cartography and natural science	1979
19800077273	Astronomical, geodetic network of the USSR	1979
19800077274	Modern problems and prospects for satellite geodetics	1979
19800077275	Review of the Salyut 6 mission considered	1979
19800077276	Recommended test procedures for performing relative psychoacoustical evaluations of SEEK talk radio systems	1979
19800077277	Radar tracking in clutter	1979
19800077278	Study of effect of folding of SAR images on parameters relevant to image alignment and false fix probability	1979
19800077300	Fundamental stages of the radio-holographic process	1979
19800077304	Experience with a high-compression internal-combustion engine utilizing the May fireball principle	1979
19800077305	Welding technology development	1979
19800077307	Meteorology and hydrology, no 7	1979
19800077308	World Climate Conference	1979
19800077309	Declaration of the World Climate Conference	1979
19800077310	Climatic changes and mankind's strategy	1979
19800077311	Modeling of climatic changes and problems in long-range weather forecasting	1979
19800077312	Climates of past geological epochs	1979
19800077313	Monitoring of climate and the service for collecting climatic data necessary for determining climatic changes and fluctuations. Monitoring of data related to climate	1979
19800077314	Concise results of the World Climate Conference	1979
19800077315	Evaluating the parameters of discrete models of dynamics of the atmosphere and ocean	1979
19800077316	Parameterization of the ice covering in global models of interaction between the ocean and the atmosphere	1979
19800077317	Some patterns of internal currents of linear water flows	1979
19800077318	Spectral measurements of absorption of solar radiation by industrial haze	1979
19800077319	International Symposium on comprehensive Global Monitoring of Environmental Contamination	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077321	Dynamic compression of Earth materials	1979
19800077325	Fungal destruction of electrotechnical papers based on cellulose cyanethylene sulfite	1979
19800077329	Improved anti-G value assembly	1979
19800077330	Atomic and molecular collisions in the presence of strong radiation fields	1979
19800077331	F+H2 collisions on two electronic potential energy surfaces: Quantum-mechanical study of the Collinear reaction	1979
19800077336	New multiple systems in molecular clouds	1979
19800077340	Imaging X-ray observations and the temperature structure of the cygnus loop	1979
19800077342	Infrared observations of the galactic nucleus	1979
19800077343	The history of an atmosphere of impact origin	1979
19800077344	Stellar condensates in meteorites: Isotopic evidence from noble gases	1979
19800077345	Analysis of the solar magnesium lines	1979
19800077351	Pressure and temperature environment of an internally blocked Martin-Marietta ASALM/PTV inlet model at Mach numbers from 0.55 to 1.30	1979
19800077352	Supersonic static stability test of the AFATL aero data correlation model	1979
19800077356	Wind tunnel tests on the 1/9-scale advanced fighter technology integration AFTI-16 model at Mach numbers from 0.60 to 1.50	1979
19800077358	Evaluation of a Ground Proximity Warning System (GPWS) for fixed wing aircraft	1979
19800077360	Surveillance: Air Force service-returned M3A1 catapult	1979
19800077361	Helicopter lightning strikes	1979
19800077362	Development test 3 of the air traffic control central AN/TSW-7A	1979
19800077366	First report on the TTCP HAG4 joint experiment at RAE Bedford	1979
19800077367	SH-2F helicopter/FFG-7 class ship dynamic interface evaluation	1979
19800077368	Evaluation of the F-111F stall inhibitor system, adverse yaw compensation, landing configuration caution system modifications	1979
19800077369	QT and E of F-111F operational flight program, issue F-12	1979
19800077374	Helicopter survivability models: Computer programs documentation. Volume 2: C81/SLAMUR engineer's manual	1979
19800077375	Helicopter survivability model: Computer programs documentation. Volume 4: C81/SLAMUR programmer manual	1979
19800077389	Evaluation of a TF30-P-3 turbofan engine in-flight thrust deck and mathematical model deck	1979
19800077390	Arrangement, characteristics of the working process and parameters of turboprop engines	1979
19800077391	Development of improved marine gas turbine airfoils using directional solidification	1979
19800077392	Qualification of MIL-L-23699 C aircraft turbine engine oil, royal D-759-3	1979
19800077393	Test and evaluation of TF30-P-408 engine component improvements	1979
19800077394	VTOL control for shipboard landing in high sea states	1979
19800077397	Use of an integrated facility for simulating nonlinear flight dynamics of weapons	1979
19800077398	An axial flow research compressor facility designed for flow measurement in rotor passages	1979
19800077399	Flight Standard Grapple Fixture (FSGF) test procedure	1979
19800077406	Static force test of the Navy medium range improvement missile configuration at Mach numbers 2 - 4	1979
19800077407	Heat transfer tests of the interference flight experiment missile model	1979
19800077408	Parametric-evaluation static-stability tests of candidate miniature system missile configurations at Mach numbers from 2 - 4.5	1979
19800077410	The dynamics and control of large flexible space structures, 2. Part B: Model development and computer simulation	1979
19800077411	Test report of gas deployed skirt on STAR 37Y space motor	1979
19800077412	Three dimensional finite element computer program development - TEXCAP-3D documentation; volume 3. Code listing	1979
19800077414	Summary of the production quality assurance testing of two minuteman LGM-30G stage 2 rocket motors at simulated altitude, motor S/N PQA6-87 and PQA6-88	1979
19800077416	Three-dimensional finite element computer program development. TEXGAD-2D documentation. Volume 2: Theoretical reference manual	1979
19800077417	MCIC, current awareness bulletin, issue no. 63	1979
19800077418	MCIC-current awareness bulletin, Issue no. 64	1979
19800077419	Some pyrolysis/toxicity tests on epoxy/graphite panels in a radiant-panel system	1979
19800077420	Formation of ternary solid solutions based on zirconium dioxide from coprecipitated hydroxides	1979
19800077421	Production of materials based on zirconium dioxide by the coprecipitation method	1979
19800077422	Production of a composite material based on carbon fiber and thermoactive resin by wet mixing	1979
19800077424	Carbon-carbon process variations	1979
19800077425	Evaporation of impacted drops of viscoelastic liquids	1979
19800077430	Method of joining titanium alloys to aluminum alloys	1979
19800077433	Investigation of the behavior of periclase materials in a gas-flow with an alkyl seed	1979
19800077434	Investigation of the thermal stability of a highly-dense periclase-spinel ceramic material for MHD-generator channels	1979
19800077435	A stitch-bonded fabric of a new structure	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077436	Temperature stable fibrous materials of organic polymers	1979
19800077438	Surveillance: Air Force stockpiled MLU-14B parachute ejection cartridge kit	1979
19800077439	Injection study for external burning/base burning	1979
19800077440	Combustion response calculations for composite solid propellants	1979
19800077441	Energetic monopropellants	1979
19800077442	Propellant for gas generators: Binder selection	1979
19800077444	Protection of petroleum products against the effect of microorganisms	1979
19800077445	O and M design criteria	1979
19800077446	Hydrofoils today and tomorrow	1979
19800077448	Analysis of the Doppler frequency spectrum of rotating objects	1979
19800077449	Set of equipment for determining the parameters of antennas by holographic methods	1979
19800077450	Restoration of antenna radiation patterns according to a field known in the limited sector of angles in the Fresnel zone	1979
19800077452	Independent evaluation report for DT 2 of UHF satellite communications manpack terminal radio set AN/PSC-1	1979
19800077453	Packet radio experimental network	1979
19800077454	Design study of a low cost packet radio	1979
19800077456	Review of fuze conformal antenna technology and resources	1979
19800077458	Method for large high voltage currents	1979
19800077465	The dependence of the extent of erosion of contacts on heat flow and on the duration of the flowing current	1979
19800077467	High power 94 GHz impatts	1979
19800077469	The establishment of electrical and mechanical tolerances for TWT cost reduction by experimental beam analysis in a PPM focusing system	1979
19800077480	Device for triggering powerful thyratrons	1979
19800077481	Discrete transformations of single pulse electrical signals	1979
19800077482	A device for charging storage capacitors	1979
19800077489	Test and evaluation of OG-70/FRT-80 amplifier for OTH-radar application	1979
19800077531	Advanced electron device technology	1979
19800077532	Advanced electron device technology	1979
19800077543	Qualification verification of the EMP electronics, incorporated, P/N PS-277-3, 750VA, three-phase, static inverter	1979
19800077544	Evaluation of GE 30 KVA AC generator for A-6E aircraft	1979
19800077548	A survey of ultrasonic flowmeters	1979
19800077550	Advanced visible laser investigations using vibrational-to-electronic energy transfer	1979
19800077551	HICLAS system	1979
19800077553	MAU-146 B/B mechanical set band release timer	1979
19800077554	Development test 3 of simplified test equipment for internal combustion engines STE/ICE	1979
19800077557	Welding technology development	1979
19800077561	Some measurements of load transfer and secondary bending in fastener joint specimens for the proposed evaluation of fatigue resistant fasteners	1979
19800077564	USSR Report: Meteorology and Hydrology, no.6, June 1979	1979
19800077565	Nonadiabatic model of short-range weather forecasting	1979
19800077566	Computation of the Index of forecasting accuracy in an "Ocean-atmosphere" system model with a great number of degrees of freedom	1979
19800077567	Hydrodynamic three-level model of general circulation of the atmosphere	1979
19800077568	Energy characteristics of the winter warming of 1976/1977	1979
19800077569	Investigation of the background content of polycyclic aromatic hydrocarbons present in air	1979
19800077570	Relationship between vertical movements in the lower troposphere and the characteristics of steady precipitation	1979
19800077571	Optical density of cumulus clouds in the temperate latitudes of the european USSR and the tropical zone of the Atlantic	1979
19800077572	Numerical method for solving the problem of free oscillations of the world ocean in a barotropic approximation	1979
19800077573	Temperature-stratified current in a water body with through flow	1979
19800077574	Method for computing water discharges	1979
19800077575	Possibility of resonance excitation of large-scale waves	1979
19800077576	Spectroscopic method for determining atmospheric CO2 content	1979
19800077577	Atmospheric instability	1979
19800077578	Operational system for numerical weather analysis and forecasting at the United States National Meteorological Center	1979
19800077580	Topographic maps	1979
19800077581	Photography from under the clouds	1979
19800077582	The results of testing the STs-1 stereograph on actual aerial photographs	1979
19800077583	TECOM Independent Evaluation Report (IER) development test 2 of 10KW, 60HZ gas turbine engine driven generator set	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077584	Solving the problem of MHD power	1979
19800077585	Continued development of higher energy density lithium reserve battery	1979
19800077587	Weather support for AWACS	1979
19800077590	Feasibility test of hearing protective devices	1979
19800077591	Automatic temperature control of the area between the skin and clothing	1979
19800077592	Interactive graphics ORION model, version 2. Volume 2: Computer program documentation, part 1	1979
19800077593	Interactive graphics ORION model, version 2. Volume 2: Computer program documentation, part 2	1979
19800077594	Interactive graphics ORION model, version 2. Volume 2: Computer program documentation, part 3	1979
19800077596	Systems and cost analysis use of operations research techniques in economic analyses	1979
19800077598	Translations on USSR science and technology: Physical sciences and technology	1979
19800077599	The influence of optical system aberrations on the main parameters of a thermal scanning viewer	1979
19800077600	An analysis of the metrological capability of a coherent optical method of monitoring the shape of complex surfaces	1979
19800077601	Results and developmental prospects in optical ceramics	1979
19800077602	The basic principles of the automation of the process of shaping astronomical optics	1979
19800077603	The selection of the conditions for the machining of large optical components	1979
19800077604	Cast components of superinvar for optical instruments	1979
19800077605	The statistical characteristics of optical radiation attenuation in the ground layer of the atmosphere (spring, autumn)	1979
19800077606	A heat scanning viewer for quality control in the assembly of the stators of electrical machines	1979
19800077607	Optical communication with two-photon coherent states. Part 3: Quantum measurements realizable with photoemissive detectors	1979
19800077609	Night vision sight-tracker, infrared AN/TAS-5. Phase 2: Engineering Development	1979
19800077610	Shape recognition and infrared target acquisition: New detection algorithm	1979
19800077611	Optical systems of submillimeter telescopes carried above the Earth	1979
19800077612	Infrared technology and outer space	1979
19800077617	Investigation of trimetal material growth	1979
19800077619	IO's 5 micrometers variability	1979
19800077620	The infrared telescope on Spacelab 2	1979
19800077621	The boundary line in the HR diagram for Stellar chromospheres and the theory of convection	1979
19800077622	Infrared emission and star formation in the central regions of the galaxy IC 342	1979
19800077623	Titan: Suspected near-infrared variability	1979
19800077624	Impact cratering: The effect of crustal strength and planetary gravity	1979
19800077625	Thermal metamorphism of primitive meteorites - X. Additional trace elements in Allende (C3V) heated to 1400 deg C	1979
19800077626	The distribution of SII emission around Jupiter	1979
19800077627	Images of Jupiter's sulfur ring	1979
19800077628	Thermal migration of water on the Galilean satellites	1979
19800077629	Pluto: Evidence for a methane atmosphere	1979
19800077630	Near-infrared studies of the satellites of Saturn and Uranus	1979
19800077631	Chemical fractionations in meteorites. 11: C2 chondrites	1979
19800077632	Moon and earth: Compositional differences inferred from siderophiles, volatiles, and alkalis in basalts	1979
19800077633	Isotopic anomalies of noble gases in meteorites and their origins. Presolar components in the murchison C2 chondrite	1979
19800077634	Measurements of the H2 4-0 quadrupole bands of Uranus and Neptune	1979
19800077635	The energy distribution of Sirius B	1979
19800077636	USSR Report: Geophysics, astronomy and space	1979
19800077637	Mass-spectrometer measurements of composition of the lower atmosphere on Venus	1979
19800077638	Analysis of the chemical composition of the Venusian atmosphere on the automatic interplanetary station "Venera-12" using a gas chromatograph	1979
19800077639	Spectrophotometric experiment on the descent modules of the "Venera-11" and "Venera-12": Some results of analysis of the Venusian daytime sky spectrum	1979
19800077640	Electric discharges in the Venusian atmosphere	1979
19800077641	Short-range forecasting of solar flares	1979
19800077642	Activity of the Institute of Oceanography Imeni P. P. Shirshov	1979
19800077643	Prediction of water temperature in the ocean	1979
19800077644	Use of the gravimetric prospecting for detection of salt overhangs on domes in the Caspian depression	1979
19800077645	Dependence of the velocity of an elastic longitudinal wave on the density of sedimentary rocks in folded regions	1979
19800077646	USSR Report: Geophysics astronomy and space	1979
19800077647	Noncontact laser sounding of sea water	1979
19800077648	Transformation of spectrum of surface waves under the influence of an internal wave	1979
19800077649	Selecting a family of satellite-launching rockets for a space research program involving repeated launchings	1979
19800077650	DT and E reliability and maintainability evaluation of the F-16 aircraft	1979
19800077651	Guide to 279 aviation related periodicals	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077655	YAV-8B 15% scale aerodynamic test in the NASA/AMES 14 foot (ARC) transonic wind tunnel	1979
19800077656	Inlet drag characteristics of a 0.07-scale B-1 model at free-stream mach numbers from 0.55 to 1.41	1979
19800077657	Effects of inlet fairing and spillage on nozzle/afterbody pressure forces of a 1/9-scale fighter aircraft at transonic mach numbers	1979
19800077658	Wind tunnel test of the Multiple Store Ejector Rack MSER with stores	1979
19800077659	AV-8B aerodynamic characteristics	1979
19800077660	Boundary layer and surface measurements on a laminar stable shape model with rough or smooth wall for adiabatic- and cold-wall conditions at Mach number 6	1979
19800077682	YG1192 tactical beacon system. Operation and maintenance manual	1979
19800077683	YG1192 tactical beacon system	1979
19800077684	Surveillance Air Force service returned M3A3 thruster	1979
19800077686	Automatic track initiation for NATO E-3A	1979
19800077687	Qualification operational test and evaluation navigation system modernization	1979
19800077694	Digital simulation of a mini drone	1979
19800077695	Flight vibration measurements on rotor mast of UH-1M Helicopter	1979
19800077696	Tethered platform with three counter-rotating electric motors	1979
19800077697	AV-8 B flight and ground loads design criteria	1979
19800077698	AV-8 B schedule of structural work report	1979
19800077737	Advanced V/STOL propulsion component development, nozzle deflector, Volume 3	1979
19800077738	Test and evaluation of the TF30-P-408 fuel control with power plant change 449 incorporated	1979
19800077749	Methodology investigation on consolidation of tops 6-2-532, 5-2-593, and 4-2-826 (solar prediction tests) into MIL-STD-810C	1979
19800077750	The feasibility of using a small supersonic wind tunnel for sabot seperation investigations	1979
19800077754	Magsat Launch	1979
19800077765	Optimization of the terminal effectiveness of the Roland missile	1979
19800077766	Secondary flows for a tube-launched rocket configuration	1979
19800077768	Assault breaker end game demonstration program	1979
19800077780	Three dimensional finite element computer program development-TEXGAP-3D documentation. Volume 1: User's manual	1979
19800077781	Three dimensional finite element computer program development-TEXGAP-3D documentation. Volume 2: Theoretical reference manual	1979
19800077783	Static-test firing of second-stage wing VI minuteman motor 52PQA6-88	1979
19800077785	MCIC Current Awareness Bulletin, issue no. 68	1979
19800077786	MCIC Current Awareness Bulletin, issue no. 26	1979
19800077787	MPC review of the low temperature properties of metals	1979
19800077791	Use of coal tars as binders for composite materials with carbon-fiber reinforcement	1979
19800077792	Production of fibrous composite materials with a refractory matrix by the plasma spraying method	1979
19800077793	Analytical-experimental correlation of the behavior of 0 deg, + or - 45 deg, 90 deg family of AS/3501-5 graphite epoxy composite laminates under uniaxial tensile loading	1979
19800077795	Carbon based composite materials	1979
19800077796	Seminar on new composite materials	1979
19800077797	Producing carbide coatings on graphite	1979
19800077801	The 15th JANNAF Combustion Meeting, Volume 2	1979
19800077802	Combustion studies of crosslinked double base smokeless propellants	1979
19800077803	Effect of formulation variables on HMX propellant combustion	1979
19800077804	Stability aspects of prototype RS MK 36 motors	1979
19800077805	Experimental evaluation of acoustic suppressors for reduction of tangential oscillations in a solid propellant rocket motor	1979
19800077806	Unexpected effects of tangential mode combustion in stability. 1: Propellant burning rate	1979
19800077807	Reduced spin sensitivity HTPB space motor propellants	1979
19800077808	Solid rocket motor combustion chamber aeroacoustics	1979
19800077809	A comparison of two computer codes for calculating acoustics in solid propellant rocket motors	1979
19800077810	An automated interior ballistics-finite element combustion instability analysis	1979
19800077811	Distinct size classes of aluminum oxide particles produced during combustion of aluminized propellants	1979
19800077812	Microstructure of the combustion zone of composite solid propellants	1979
19800077813	Erosive burning of composite solid propellants	1979
19800077814	On the scaling of solid propellant erosive burning: The threshold condition	1979
19800077815	An implicit flame interaction combustion model	1979
19800077816	Experimental studies of Fe2O3 catalysis in non-aluminized HTPB propellants	1979
19800077817	Anomalous ballistic behavior of reduced smoke propellants with wide AP distributions	1979
19800077818	High frequency T-burner tests of reduced smoke propellants	1979
19800077819	Combustion response measurements using the rotating valve	1979
19800077820	Effect of AP Particle size on reduced smoke propellant acoustic instability	1979
19800077821	Particulate formation in aluminum/oxygen flames	1979
19800077822	Alternate approaches to measurement of nonsteady properties	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077823	Rocket motor burning rate prediction using an acoustic emission strand burning rate technique	1979
19800077824	Advanced two-phase flow diagnostics: A new application of X-ray technology	1979
19800077825	A mass-spectrometric investigation of the chemistry of advanced composite and double base propellants	1979
19800077826	Measurement of characteristic combustion time of coaxial gaseous injectors	1979
19800077827	Simplified computer program for liquid rocket combustor stability analysis	1979
19800077828	Stability boundaries for velocity sensitive combustion using the Galerkin method	1979
19800077829	Assessment of analytic models of combustion systems	1979
19800077830	Combustion stability aspects of LOX/JP-4 gas generator	1979
19800077834	Self-sustained combustion evaluation of titanium 6 AL-4V in an aerodynamic environment	1979
19800077837	Some factors determining the dynamic hardness of steel	1979
19800077838	Metal science of tungsten (chapters 5-7)	1979
19800077839	C14-type Ti alloy hydride characteristics	1979
19800077840	Theory of heat treatment of metals; Chapters 13 and 14	1979
19800077842	Metal crystallization in variable magnetic fields	1979
19800077843	Development and investigation of titanium base sintered alloys	1979
19800077844	Mechanical and physical properties of Chemically Vapor-Deposited (CVD) zinc sulfide	1979
19800077846	Use of ultimate tensile strength to estimate the creep-rupture behavior of austenitic weld metals and castings	1979
19800077847	The thermal degradation of some Rho-hydroxybenzoic acid polymers	1979
19800077851	Study of the surface tension and density of polymer solutions	1979
19800077852	High temperature resins for composites, part 2	1979
19800077853	Surface active lubricant for metal forms	1979
19800077854	Investigation of the thermal resistance of Refractory materials on a laboratory gas dynamic test stand	1979
19800077855	Physical-chemical properties of complex aromatic heterocyclic polymers	1979
19800077873	Signature characterization. Volume 3: Structural analysis	1979
19800077874	Spectroscopic investigations of energetic materials and associated impurities	1979
19800077875	Some questions in the analysis of operation of a hydrogen fueled gas turbine	1979
19800077876	Aviation gasolines	1979
19800077877	Hydrogen as a tactical alternative fuel in the United States Army	1979
19800077879	Alternate fuel sources for future USAF aircraft	1979
19800077880	A survey of cryogenic temperature measurement techniques	1979
19800077881	Subsurface ice and heavy icy ground as bases for structures	1979
19800077884	The impact of metrication on our aerospace industries	1979
19800077885	Energy characteristics of scattering the radio waves of VHF range by the agitated surface of sea	1979
19800077886	PACCS UHF frequency compatibility test report	1979
19800077888	Analysis of the HF architecture of the integrated communication system-stage 3 (ICS-3)	1979
19800077889	Packet broadcast by satellite; Pluribus satellite IMP development; UNIX system development, remote site maintenance	1979
19800077893	AIM-4F WSEM range gate spiking investigation	1979
19800077894	Investigation of an antenna with a microwave open-ended dielectric resonator	1979
19800077896	Maximum possible concentration of the electromagnetic field in the near radiation field of an aperture antenna	1979
19800077897	Radar waveform test generator	1979
19800077900	Conical phased array antenna investigations	1979
19800077901	VHF Antennas, part 1	1979
19800077932	Dual beam dual mode TWT	1979
19800077934	High frequency signal sources using Surface Acoustic Wave (SAW) technology	1979
19800077935	Microwave tube procurement data base study for the Department of Defense	1979
19800077941	III-V heterojunction structures for long-wavelength injection laser	1979
19800077946	Related transformations of electrical circuits	1979
19800077947	Submillimeter band-pass filters	1979
19800077953	On the possibility of operating a diffraction radiation generator as a backward wave tube	1979
19800077958	Use of the method of successive differentiation during calculation of transition processes of dynamoelectric pulsed sources	1979
19800077959	First article testing of coupler-isolator CU-2113/SRC	1979
19800077963	Nanosecond pulse generator for a Synchrotron inflector	1979
19800077966	Development program for the 200 Ampere feasibility transcendent transistor	1979
19800077968	Unipolar impact generator with annular liquid-metal slide contact	1979
19800077979	A grounding study	1979
19800077980	Frequency changes in quartz resonators due to nonuniform heating	1979
19800077982	Enhancement mode GaAs JFET medium-scale integrated circuit technology, part 2, phase 2	1979
19800077991	Plane internal waves originating in a stratified fluid during flow about a source-discharge system	1979
19800077996	Computer modeling of holographic processes	1979
19800077997	Optical modeling of antenna beam patterns according to the field hologram in their aperture	1979
19800077998	Application of holography to antenna engineering	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077999	Fundamental characteristics of superhigh frequency holography	1979
19800078000	New AFA-TE-7 and AFA-TE-35 topographic aerial cameras	1979
19800078002	Application of laser technology to ballistic missile defense	1979
19800078003	BMD laser deflector development	1979
19800078004	Alkali halide internal laser windows	1979
19800078006	Data management and analysis plan, HELRATS ground test at North Oscura Peak, annex A	1979
19800078009	Laser designator/weapon system simulation LDWSS and battlefield obscuration option, executive summary, 1978	1979
19800078014	Development of a variable capacity transmission charging pump	1979
19800078015	Dynamic behaviour of pneumatic system components	1979
19800078019	Switch with one-way arc extinguishing, using compressed gas	1979
19800078022	HY-130 matching composition filler wire for electroslag welding of HY-130 steel plate	1979
19800078023	Low-cycle fatigue performance of HY-80 and HY-100 smaw butt joints with and without temper beads	1979
19800078027	Methodology investigation: A computerized site selection methodology for tropic material testing. Report 3: Gamboa A-1 test area	1979
19800078028	Methodology investigation on the characteristics of cold-wet weather and related problems	1979
19800078031	Meteorology and hydrology, no. 8, August 1979	1979
19800078032	Numerical modeling of urban microclimate	1979
19800078033	Numerical prediction of the pressure and geopotential fields for the northern hemisphere with allowance for the barotropic boundary layer	1979
19800078034	Modeling of a cloud ensemble	1979
19800078035	About one method for increasing the accuracy of difference solutions in forecasting with the use of nested grids	1979
19800078036	Dynamic assimilation of potential and wind fields in the low latitudes	1979
19800078037	Two nonlinear problems in dynamics of the equatorial atmosphere	1979
19800078038	Vertical distribution of absolute humidity of air and moisture content in the atmosphere over the oceans	1979
19800078039	computation of available potential energy in the northwestern Pacific Ocean	1979
19800078040	Use of the exponential smoothing method for predicting the long-term variation of salinity in the Sea of Azov	1979
19800078041	Prediction of the quality of river water during the period of spring high water	1979
19800078042	Investigations of the heat, water and salt balances in ameliorated lands	1979
19800078043	Method for determining the runoff of entrained sediments in rivers using data on their accumulation in backwaters	1979
19800078044	Descending flux of long-wave radiation at the 50-mb level	1979
19800078045	Role of radiation in the formation of stratiform clouds	1979
19800078046	Helical clouds in the Elbrus region	1979
19800078047	Use of the high-altitude pressure field for increasing the advance time for short-range forecasts of sea level	1979
19800078048	Law of distribution of sum of random values with type-3 Pearson probability densities in hydrology	1979
19800078049	Lidar measurements of atmospheric humidity	1979
19800078050	Method and apparatus for measuring water velocity or discharge in open shallow-depth flows	1979
19800078051	Discussion of the carbon dioxide problem	1979
19800078053	Ways to improve the quality of the interpretation of aerial photographs in P. I. shops	1979
19800078054	Electronic Solid State Wide Angle Camera System: ESSWACS	1979
19800078055	Method of obtaining multicolor maps with a latent stereoscopic image	1979
19800078058	Thermoelectric energy conversion	1979
19800078059	The 1985 air force alternate energy goal; Is solar energy the answer	1979
19800078060	Photovoltaic power systems, present and future	1979
19800078061	Energy provided by the sun	1979
19800078062	Recoating air pollution complying MIL-P-2441 epoxy-polyamide paints	1979
19800078065	Time-space variability of cloud cover over specific sections of the USSR	1979
19800078066	Time-space stability of cloud forms	1979
19800078067	Distribution of the limited range of horizontal visibility over the territory of the USSR	1979
19800078068	Duration of fog in the territory of the USSR	1979
19800078069	Variations in diurnal and annual cloud cover with and without cirrus and the duration of sunshine at Schwerin and Arkona	1979
19800078072	Analysis of VTXTS technology base studies; Modern existing trainer aircraft supplement	1979
19800078073	Test plan, Undergraduate Pilot Training; Instrument Flight Simulator (UPT-IFS), operational test and evaluation plan, annex F	1979
19800078076	Real-ear sound attenuation measurements of selected protectors identified in the DAF qualified products list	1979
19800078077	Use of ILLIAC IV Disk Memory (I4DM)	1979
19800078078	Fault tolerance and architectural reliability in distributed data processing systems	1979
19800078079	The cost of competitive automatic data processing (ADP) acquisition	1979
19800078082	Reduction of range and yaw sonde data using numerical integration techniques	1979
19800078083	The non-computer programmers handbook for writing elementary FORTRAN 4 programs	1979
19800078085	Systems and equipment for exchange of information in the networks of computer centers (selected pages)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078088	Statistical description of dynamic systems with fluctuating parameters	1979
19800078089	Surface acoustic wave microwave oscillator and frequency synthesizer	1979
19800078092	Correcting UHF and optical band antennas using ultrasonic modulators and holographic filter	1979
19800078097	Dynamics of development of a non-isothermal pulse discharge channel and non-equilibrium ionization in mixtures of inert gases with cesium	1979
19800078098	Structural changes of stabilized zirconium dioxide electrodes during operation in an MHD generator channel	1979
19800078099	Ceramic oxide for electrodes of an open cycle MHD generator	1979
19800078101	Fiscal 1978/79 contracts and projects on combustion	1979
19800078104	Regional technology transfer program	1979
19800078105	Outer atmospheric research in the submillimeter band using on-board telescopes	1979
19800078106	Neutral line convergence as a predictor of solar activity	1979
19800078113	Spin-tunnel investigation of a 1/25 scale model of the General Dynamics F-16A airplane - COORD no. AF-AM-507	1979
19800078114	Aerodynamic characteristics of a full-scale walleye missile with an IIR nose at Mach numbers from 0.60 to 0.95	1979
19800078117	Performance assessment trails of the Doppler microwave landing system at Berne Airport	1979
19800078118	A preliminary study of a nonlinear control policy applied to airspeed hold during automatic approach	1979
19800078119	Ground trials assessment of the Doppler microwave landing system following reinstallation at RAE Bedford	1979
19800078124	Helicopter main rotor blade ballistic damage tolerance	1979
19800078125	Helicopter survivability model - computer programs documentation, volume 3, C81/SLAMUR input guide	1979
19800078126	JANUS: A concept for a multi-purpose autonomous fighter	1979
19800078127	Concepts evaluation program of exit interval control light system	1979
19800078129	The effect of engine surge on intake-structure loads	1979
19800078131	Nonlinear pitch rate to elevator control laws for a combat aircraft	1979
19800078136	High Energy Astronomy Observatory-2 (HEAO-2) post launch report	1979
19800078137	PATRIOT. Volume 2: Engineering development status and problem analysis report	1979
19800078138	PATRIOT. Volume 2: Engineering development status and problem analysis report	1979
19800078139	Space shuttle integrated logistics: Fact or fiction?	1979
19800078141	Translation: Stabilization of space vehicles	1979
19800078142	1979 JANNAF Propulsion Meeting	1979
19800078143	Propellant grain reinforcement techniques for advanced interceptors	1979
19800078144	SLUFAE rocket motor development	1979
19800078145	Propellant smoke particle size distribution and concentration measurements and their correlation with condensation nuclei theory	1979
19800078146	The interpretation and use of the signature characterization facility data	1979
19800078147	A general trajectory optimization scheme	1979
19800078148	Summary of the LLMM SRAM motor soft propellant layer investigation	1979
19800078149	The Navy's universal arming-firing device for rocket motors	1979
19800078150	Confined jet thrust vector control	1979
19800078151	Lightweight feed system for advanced post-boost propulsion	1979
19800078152	Analysis of exhaust plume impingement on a navigational system satellite	1979
19800078153	Life evaluation of long-life hydrazine engines	1979
19800078154	Monopropellant hydrazine reaction control system for navstar global positioning system satellite	1979
19800078155	Evaluation of the Walter Kidde 1335 Nt (300lbf) monopellant thruster	1979
19800078156	Satellite propulsion module: An optimized concept	1979
19800078157	Noncatalytic monopropellant electrothermal thruster	1979
19800078158	Advanced bipropellant engines for space shuttle optimized propulsion system	1979
19800078159	Static firing test and post-test analysis of a high density 3D carbon/carbon integral-throat-entrance nozzle	1979
19800078160	Statics of rocket motor systems	1979
19800078161	Chapter 1: General description of motors	1979
19800078162	Chapter 2: Methods of analysis and calculation of static characteristics	1979
19800078163	Chapter 3: Static equations of motor components	1979
19800078164	Chapter 4: Engine static characteristics (determined problem)	1979
19800078165	Chapter 5: Statistical analysis of precision of motor operation	1979
19800078166	Chapter 6: Tuning and adjusting motors	1979
19800078167	Chapter 7: Operating characteristics of solid-propellant rocket motors	1979
19800078168	Chapter 8: Deviations of operating parameters of solid-propellant rocket motors in the vicinity of specified conditions	1979
19800078169	Chapter 9: Factors disturbing operating conditions of solid-propellant rocket motors	1979
19800078170	Chapter 10: Influence of charge initial temperature on characteristics of a solid-propellant rocket motor, motor tuning and adjustment	1979
19800078171	Chapter 11: Designs and features of hybrid rocket motors	1979
19800078172	Chapter 12: Static characteristics of hybrid rocket motors	1979
19800078173	MCIC current awareness bulletin, issue no. 70	1979
19800078174	MCIC current awareness bulletin, issue no. 71	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078175	CAB Current Awareness Bulletin, issue no. 72	1979
19800078176	Fatigue of structural elements in carbon fibre composite-present indications and future research	1979
19800078180	The traveling charge effect	1979
19800078181	A priori prediction of rate coefficients for simple flame reactions	1979
19800078182	Critical analysis of some common assumptions in combustion	1979
19800078183	High pressure burning rates of cyclotetramethylenetetranitramine (HMX)	1979
19800078184	High temperature pyrolysis studies of HMX, RDX, and TAGN	1979
19800078185	New aspects of HMX thermal decomposition as studied by pyrolysis/mass spectroscopy	1979
19800078186	Workshop report: Fundamental reactions in solid propellant combustion	1979
19800078187	Compression-ignition sensitivity studies of liquid monopropellants	1979
19800078188	ESR and IR spectroscopic studies of HMX and RDX thermal decomposition	1979
19800078189	Burning velocities of a solid gun propellant, via a microwave technique, at elevated pressures and pressurization rates	1979
19800078190	Propellant ignition due to high convective heating	1979
19800078191	Gun propellant combustion at elevated pressure	1979
19800078192	Liquid reactant magnetohydrodynamic gas generator	1979
19800078193	Initiation of H ₂ -F ₂ and H ₂ -NF ₃ reactions via CO ₂ laser irradiation of AgF ₂ particles	1979
19800078195	The axial loading air and corrosion fatigue properties of BSL93, BSL95 and BSL97 aluminum alloy plates	1979
19800078196	Phase transformations in low-nickel marsenite aging steels	1979
19800078198	Test methods for high temperature materials characterization	1979
19800078209	Laboratory tests at elevated temperatures for the prediction of the rates of pressure rise in hydrazine tanks at normal storage temperatures	1979
19800078211	The effects of sea surface waves on VLF signals received in the sea	1979
19800078212	UHF paratune 2 network	1979
19800078213	Surface current injection techniques, phase 2	1979
19800078214	Worldwide report: Telecommunications policy, research and development	1979
19800078215	East German HF and VHF radio technology viewed	1979
19800078216	Ham operators granted access to 1850 - 1950 kHz in 160-meter band	1979
19800078217	France, FRG near agreement on direct TV satellites	1979
19800078218	Franco-German direct TV satellite cooperation noted	1979
19800078219	TV satellite seen costing 1.3 billion francs	1979
19800078233	GaAs charge coupled device	1979
19800078256	An investigation of the structure of equilibrium turbulent boundary layers	1979
19800078257	A spatially scanning infrared radiometer and high speed, high capacity data acquisition system. Part 1: System description, hardware and software	1979
19800078258	UV diagnostics of charged particle excited gases	1979
19800078260	USSR report: Physics and mathematics. Quantum electronics	1979
19800078261	Theory of an electron phototransition chemical laser with thermal initiation behind the shock wave front	1979
19800078262	Optimization of electron beam parameters and choice of foil in electron beam controlled lasers	1979
19800078263	Lasing modes and emission characteristics of a ring-type photodissociation iodine laser	1979
19800078264	Investigation of properties of a laser with an unstable cavity and added feedback	1979
19800078265	Some results of experiments on a gas dynamical CO ₂ laser	1979
19800078266	Efficiency of a selective CO laser	1979
19800078268	Development of a hermetically sealed high-pressure gas container	1979
19800078273	Metric scene discontinuity study	1979
19800078274	USSR report: Biomedical and behavioral sciences	1979
19800078275	Experience in visual and instrumental interpretation of aerial photographs of cultivated lands	1979
19800078276	Development of limnology in the USSR	1979
19800078278	Rheological fundamentals of soil mechanics, chapters 5-7, and 9	1979
19800078280	On the estimation of artillery range standard deviation using statistical meteorological data	1979
19800078289	A method for semi-automatic analysis of eye movements	1979
19800078294	Photoluminescence in polycrystalline zinc selenide laser window material	1979
19800078295	Beam compactor design and fabrication program	1979
19800078296	Non-uniformity correction devices for non-scanned systems (Unicorns)	1979
19800078297	The hazard of vortex wake encounters in the cruise	1979
19800078298	The role of functional expertise in information management	1979
19800078300	Pressure measurements on a wing oscillating in supercritical flow	1979
19800078312	B-52 tower flyby	1979
19800078313	The development of night vision piloting systems for low level helicopter operations	1979
19800078314	Fatigue investigation of plasma-spray-coated class 2 shaft steel and K-monel	1979
19800078315	Quiet Clean Short-haul Experimental Engine (QCSEE) Under-The-Wing (UTW) composite nacelle test report. Appendix B: Acoustic data	1979
19800078316	The 13 foot x 9 foot tunnel traverse gear for carrying engine simulators. A user's guide	1979
19800078317	Doppler microwave landing system trials at Tehran (Mehrabad) Airport January-February 1978	1979
19800078318	A simulator assessment of HUD as a flare-aid in category 3 visibility conductions	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078320	F-101/TDU maneuvering evaluation task	1979
19800078321	RADC technical facilities register	1979
19800078323	Aerodynamic characteristics of the miniature vehicle missile in the F-15 aircraft flow field at Mach numbers from 0.6 to 2.0	1979
19800078324	USSR report: Geophysics, astronomy and space	1979
19800078325	The acid etch dissection of a titan 3 solid rocket motor section	1979
19800078326	Theoretical considerations in the use of Falstaff loading for fatigue research in carbon fibre composite	1979
19800078327	Effects of notch root radius and high temperature austenitising treatments upon the impact strength of 300 M steel	1979
19800078328	Influence of melting practice and heat treatment on the continuous cycling fatigue and subcritical crack growth properties of 2 1/4 Cr-1 Mo steel	1979
19800078334	Development of high adhesion sealants	1979
19800078336	Project Bonfire: Fire hazard studies of the F-16 hydrazine EPU system	1979
19800078341	Manufacturing Methods and Technology (MM and T) for 18 mm third generation 0.9 micron wafer intensifer tubes	1979
19800078354	III-V semiconductor 1.06 micrometers electro-optic structures	1979
19800078355	The establishment of electrical and mechanical tolerances for TWT cost reduction by experimental beam analysis in a PPM focusing system	1979
19800078357	Selection of optimal technological parameters of the structure of an integrated high-voltage switch	1979
19800078359	East Europe Report: Scientific Affairs	1979
19800078360	Eighth international symposium on photon detectors	1979
19800078361	Proceedings of the High Power Laser Optical Components Meeting. Part 1: Unclassified papers	1979
19800078362	Advanced laser optical techniques	1979
19800078365	Calculation of welded joints and structures examples and problems, chapter 10	1979
19800078366	Magnetoelastic and vibration effects of the ultraservice steels	1979
19800078367	Implementation of the unified plasticity-creep constitutive equations with the finite element method	1979
19800078368	USSR report: Geophysics, astronomy and space	1979
19800078369	Continuous seismic profiling in the ocean at speeds up to 15 knots	1979
19800078370	Experience in carrying out seismic observations by the refracted waves method in the baltic sea	1979
19800078371	Effects in cosmic rays on 4-5 August 1972 according to measurements made aboard the Prognoz-2 station	1979
19800078372	Investigation of the Earth's plasmosphere using traps aboard the Prognoz and Prognoz-2 stations	1979
19800078373	Dependence of position of the front of the circumterrestrial shock wave and the magnetopause on parameters of the solar wind and plasma structure of the magnetopause according to data from the charged particle traps aboard the Prognoz and Prognoz-2 stations	1979
19800078375	Short-range forecasting of air temperature continuous precipitation and wind on the basis of prognostic pressure charts	1979
19800078376	Allowance for orography in numerical weather forecasting models	1979
19800078377	The upper boundary condition in the problem of numerical forecasting	1979
19800078378	Vertical currents in the troposphere	1979
19800078379	Influence of small-scale turbulence on clearing of an aqueous aerosol	1979
19800078380	Computation of atmospheric propagation of effluent of high industrial sources in the presence of inversions aloft	1979
19800078381	Economic effectiveness of meteorological support of civil aviation	1979
19800078382	Subsurface salinity maximum in the active layer of the ocean and convective penetrations	1979
19800078383	Variability of water salinity in the coastal zone of the sea	1979
19800078384	Computation of parameters of resonance frontal waves	1979
19800078385	Variability in snow distribution on ice in the Arctic Ocean	1979
19800078386	Checking of statistical hypotheses in computations of maximum water discharges with a low guaranteed probability of occurrence	1979
19800078387	Frequency of recurrence of dust storms in the territory of the USSR	1979
19800078388	Modeling of the process of forming of the yield of winter wheat	1979
19800078389	Time validity of meteorological information	1979
19800078390	Relationship between the planetary High-altitude frontal zone and the position of the snow cover boundary during the autumn and spring periods	1979
19800078391	Coastal stationary wave-measuring complex	1979
19800078392	Investigation of correlation between the nature of a radar signal envelope and the form of the sea surface reflecting surface	1979
19800078393	Remote surveying of the earth by means of multispectral photography	1979
19800078394	Investigation of displacements of the geographical pole based on Doppler observations of artificial earth satellites	1979
19800078395	Conference on Use of Lasers in Geodesy	1979
19800078396	Technical evaluation of knitted fabrics in flight coveralls	1979
19800078397	Analog-frame store memory	1979
19800078398	Feasibility test of programmable hand held calculator	1979
19800078399	Distributed data processing research, revision	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078400	East Europe report: Scientific affairs	1979
19800078401	New consolidated computer production organization displays products	1979
19800078402	Mars, VARS systems, computer utilization discussed	1979
19800078404	Measurement of hydraulic valve leakage using acoustic emission event signal processing	1979
19800078405	A feasibility study of single-mode fiber optic evanescent field coupling	1979
19800078407	Conventional probes for the relative flow measurement in a rotor blade passage	1979
19800078408	Structure and decay characteristics of turbulence in the near and far wake of a moderately loaded compressor rotor blade	1979
19800078409	Evaluation of two-dimensional subsonic oscillatory airforce coefficients and loading distributions	1979
19800078410	Wind tunnel test of a forward swept wing configuration at Mach numbers from 0.8 to 1.3	1979
19800078411	A wind tunnel test to determine surface pressures and boundary-layer rake pressures on transonic-supersonic aircraft configurations	1979
19800078412	Comparison of wind tunnel aerodynamic data on 1/9- and 1/20- scale F-16 aircraft, store, and store-ejector rack models	1979
19800078413	The T-34C cockpit toxic gas survey	1979
19800078414	Forward acquisition system stellar attitude update algorithm	1979
19800078415	Navstar global positioning system shipboard antenna tests	1979
19800078416	Shipboard Navstar Global Positioning System (GPS) test results	1979
19800078418	Class 5 modification to BQM-34F	1979
19800078419	A-10 Follow-on operational Test and Evaluation (FOT and E)	1979
19800078420	Optimum utilization of the KC-10 for fighter aircraft deployments	1979
19800078423	MQM-107A aerial target system QOT and E	1979
19800078424	AV-8B structural description	1979
19800078425	Flight test evaluation of A-37B production and modified elevators	1979
19800078426	Static force tests of the parasol wing aircraft at Mach numbers 1.5 to 4.5	1979
19800078427	F-4S external stores certification tests	1979
19800078428	F-14 A/AWG-9 lighting protection investigation	1979
19800078433	Helicopter door, window, and access panel design improvements	1979
19800078435	Proposed solution to prevent loss of cabin escape hatch on H-53 helicopter	1979
19800078436	AV-8B operations summary	1979
19800078438	MQM-107A QOT and E	1979
19800078439	YAV-8B electrical load analysis	1979
19800078440	A-10A flying qualities Air Force developmental test and evaluation Addendum A-10A inverted negative load factor characteristics	1979
19800078441	Ties modular packaging study	1979
19800078442	AFTI-111 2-d nozzle preliminary systems study. Volume 1, Phase 1: Preliminary nozzle/airframe trade studies	1979
19800078443	AFTI-111 2-d nozzle preliminary systems study. Volume 2, Phase 2: Refined nozzle/airframe design and performance	1979
19800078444	AFTI-111 2-d nozzle preliminary systems study. Volume 3, Phase 3: F-111	1979
19800078448	Long life engine disks from gas atomized powder	1979
19800078449	Design considerations for optimal flight control systems	1979
19800078450	Computer study of a self-adaptive longitudinal control system employing adjustments of the command input filter	1979
19800078451	Improved aircraft external store flutter prediction. Volume 1: Theory and application	1979
19800078453	AV-8B flutter and divergence program plan	1979
19800078454	Fluidic backup flight controls, a feasibility study	1979
19800078455	Air combat trainer modifications for nuclear warfare engagements. A feasibility study	1979
19800078457	Operational test and evaluation, drive/roll-on accessory kit for the 316A Cochran loader (wide body aircraft)	1979
19800078464	Independent evaluation report of Pershing M790 erector-launcher brake system	1979
19800078466	Program plan: HEMP assessment of the phase 2 defense satellite communication system	1979
19800078468	Sensitivity of the Inertial Measurement Unit (IMU) velocity channels to voltage and temperature changes	1979
19800078469	Heat transfer tests on the space shuttle orbiter at Mach number 8	1979
19800078470	SALYUT-6: Control of motion in orbit	1979
19800078474	Jato rocket motor mark 23 mod 1. Lot acceptance test failure investigation	1979
19800078475	A unique approach for reducing two phase flow losses in solid rocket motors	1979
19800078476	Advanced combustion/plume diagnostics	1979
19800078479	Carbon/carbon composite erosion study	1979
19800078480	Investigation of certain epoxy compounds in cryogenic temperature conditions	1979
19800078481	The development of the graphite-aluminum missile hardware	1979
19800078484	Repair guide for large area composite structure repair	1979
19800078485	Assessment of plastic radome materials	1979
19800078486	Development of ultrasonic procedures and calibration standards for determining quality of graphite epoxy composites	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078488	Production process for ultra-fine weave carbon-fiber preforms	1979
19800078491	Tropical exposure of galvanically coupled metal systems	1979
19800078492	Titanium corrosion in ethanol solutions of hydrogen chloride	1979
19800078493	Hydroerosion of metals (2nd edition)	1979
19800078494	Metal corrosion in the ocean at different depths	1979
19800078496	Reinforcement of aluminum marine alloys with silicon carbide: A feasibility study	1979
19800078498	Methods for eliminating stress corrosion susceptibility of alforge welded aluminum alloy 5456 panels	1979
19800078499	Low-cycle fatigue properties of unalloyed titanium (ASTM B265 grade 2) for heat exchangers	1979
19800078500	High-strength steel weldment subcritical cracking program: Relationships of transformations, microstructure, and properties in the HY-130 system	1979
19800078501	Modified 9 Cr-1 Mo steel development program	1979
19800078505	Evaluation of the use of organosilane coupling agents in adhesive bonding of 2024 T3 aluminum alloy	1979
19800078506	Manufacture of acrylic polymers with ion-exchange properties	1979
19800078507	Tough, transparent, heat- and flame-resistant thermoplastics via silicone block-modified bisphenol fluorenone polycarbonate	1979
19800078509	Electrodeposition of protective antifriction polymer coatings from aqueous media	1979
19800078510	Development and comparison of organic solvents for a copolymer of vinylidene fluoride and hexafluoropropylene	1979
19800078513	Aging of HTPB/IPDI propellants	1979
19800078514	Aging and mechanical properties evaluation of candidate reduced smoke propellants for the AIM-9 J motor	1979
19800078516	Feasibility study of selected parameters leading to a Pyrotechnic Delay Slapper Detonator (PDSD)	1979
19800078519	Manufacturing methods and technology for the establishment of production techniques for a split-cycle stirling cryogenic cooler	1979
19800078521	Manufacturing Methods and Technology (MM/T) for 18 mm third generation 0.9 micron wafer intensifier tubes	1979
19800078524	Advances in multicriteria engineering design. Volume 1: Summary report	1979
19800078525	Advances in multicriteria engineering design. Volume 2: Conformal arrays	1979
19800078526	Phased Array Radar Detection/track (PARD) computer program	1979
19800078527	Shielding effectiveness measurement analysis	1979
19800078528	A simple way of simulating the electromagnetic pulse effects of the dual-wire antenna on the E-4	1979
19800078529	UCA-1 modem receive sensitivity measurement procedures	1979
19800078530	Antenna near field test system operational utility evaluation	1979
19800078531	Microwave transmitter reliability and maintainability improvement program	1979
19800078532	Design practices for protecting intrasite cabling against high-altitude electromagnetic pulses (HEMP)	1979
19800078533	Initial EMP hardening recommendations for AN/FSC-78 satellite communications facilities	1979
19800078534	High-altitude electromagnetic pulse design practices: Application to AN/FSC-78 satellite communications terminal, Landstuhl, Germany	1979
19800078537	Computer simulation of adaptive interference cancellation systems	1979
19800078539	Hybrid methods in Systems Generated Electromagnetic Pulses (SGEMP)	1979
19800078540	Context classification of FOP features	1979
19800078541	West German interference-free radar system	1979
19800078542	Follow-on-evaluation of super high frequency low rate initial production tactical satellite communications ground terminals: AN/TSC-85 and AN/TSC-93	1979
19800078544	High power C-band transistor	1979
19800078545	Low cost S-band power transistor interconnection system	1979
19800078550	Hardened electronics analysis	1979
19800078553	Effect of finite conductivity on the production of strong magnetic fields by fast squeezing of conducting shells	1979
19800078555	Deisgn of a CCD frequency-time correlator	1979
19800078556	Dual beam dual mode TWT	1979
19800078557	Semiconductor injection voltage generators	1979
19800078561	Improved AC generator for P-3 type aircraft	1979
19800078562	Automated design procedures for VLSI	1979
19800078567	Production and application of high-power nanosecond pulses	1979
19800078577	Extended interaction resonator development	1979
19800078578	Advanced electron device technology	1979
19800078580	Porcelainized substrates	1979
19800078581	Increasing the efficiency of high power nanosecond oscillators using avalanche gas switchers	1979
19800078582	A fast-response pulse switch	1979
19800078583	Manosecond pulse front correction with consideration of the parasitic inductance of the shaping line	1979
19800078584	Choke coil charge of capacitive storage devices of pulse generators	1979
19800078585	French electronics	1979
19800078586	Stabilized rectifier device for powering energy storage banks	1979
19800078590	Surface acoustic wave C3 applications	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078594	Unsteady motion of a two-dimensional profile of an arbitrary shape above an interface between two fluids of different densities	1979
19800078596	Drift tests of the Teledyne Systems Company model SDG-5 gyroscope	1979
19800078597	Laboratory investigation of the autonetic model BOLG-P5 laser gyro	1979
19800078598	One-inch production VTR	1979
19800078599	Operational test and evaluation C-130 AWADS video tape recording system	1979
19800078600	Holographic method of correction of phase heterogeneities of fields in the aperture of an antenna	1979
19800078601	Cryogenically cooled radiometers and spectrometers for infrared measurements	1979
19800078602	The Luch-74 monitors the flight	1979
19800078603	III-V heterojunction structures for long-wavelength injection laser	1979
19800078604	III-V heterojunction structures for long-wave length injection laser	1979
19800078605	Unstable resonator laser cartridge development study, minirangefinder	1979
19800078607	Emission field of a neodymium laser using a lattice reflector pole	1979
19800078608	High Energy Laser Irradiance Model (HELM)	1979
19800078609	Bireactant gas dynamic laser linear combustor verification tests	1979
19800078610	Conservative variable advanced laser flow analysis code (CALFA), theory and user's guide	1979
19800078611	Large pointing system and tracker breadboard test system simulation models	1979
19800078612	High strength steel weldment subcritical cracking program, base line phase, environmental hydrogen cracking susceptibilities of high strength steels	1979
19800078613	Operational test 2a, generator set, 10 KW, AC, Gas Turbine Engine Driven (GTED)	1979
19800078615	Fragment impact test against multiplate targets	1979
19800078616	High-resolution boreside radiography of small-diameter tube-to-tubesheet welds	1979
19800078618	On the controllability of a long flexible beam in orbit	1979
19800078619	Analytic investigation of elastic-plastic bending of a beam of rectangular cross section	1979
19800078620	Map making using space photographs	1979
19800078621	Use of data from space photography for mapping and study of natural resources	1979
19800078622	Point transfer and data base experiments, point transfer tests, volume 1	1979
19800078623	SM5 phototachymeter	1979
19800078624	Present state of research and prospects for direct conversion of different kinds of energy to electricity	1979
19800078627	Photovoltaic conversion of solar energy for terrestrial use: Present status and developmental trends	1979
19800078631	Satellite telemetry of sea-level data to monitor crustal motions in the Shumagin Islands region of the Aleutian arc	1979
19800078633	Mineralogy and petrography of HAL, an isotopically-unusual Allende inclusion	1979
19800078634	An alternative model for emplacement of the Papuan ophiolite, Papua New Guinea	1979
19800078638	The physics and chemistry of ball lightning	1979
19800078639	Ozone kinematics and transports in unstable waves	1979
19800078643	Heart rate change due to acoustic stimulation: An audiologic test method	1979
19800078648	AV-8B human engineering program plan	1979
19800078649	Evaluation of thermal/flash protective device carrying cases	1979
19800078651	Operational manual for the microprocessor controlled data measurement device	1979
19800078653	A high-speed parallel data link between co-resident minicomputers	1979
19800078654	PIXPL target plotting program P7057	1979
19800078655	VGPlot: A graphic package for use on the vector general 3404 display	1979
19800078656	Erros incurred in a plane wave type expansion of a Gaussian beam	1979
19800078657	On stability theory	1979
19800078663	Acoustic high gradient experiments report on experiment operations: Hayes cruise 78-16-01 and Lynch cruise 78-07-02	1979
19800078664	Improved long term frequency stability of ultra high frequency surface acoustic wave saw devices	1979
19800078665	Sound propagation in lined pipes: Computation schemes and results	1979
19800078666	Literature survey of acoustic flow resistance of liquids in porous materials and related topics	1979
19800078667	Calculating the spectroscopic parameters which determine the energy spectrum of rare earth ions in titanium tantalates	1979
19800078668	A charged particle accelerator	1979
19800078672	Optics technology measurement plan technical report of the Murcraay phenomena experiment	1979
19800078673	Development of 3rd generation MCP lightweight high performance and 0.9 micron low cost image intensifiers	1979
19800078676	Die attach for silicon on sapphire circuits	1979
19800078678	A guide for developing a system effectiveness program requirements document (SEPRD) for system acquisition	1979
19800078679	Associative file processor evaluation	1979
19800078680	Photo storage and handling system design study	1979
19800078681	The nature of the central parsec of the galaxy	1979
19800078690	Force measurements on a 105mm shell at a Mach number of 2.02	1979
19800078692	Collocation method for determining aerodynamic derivatives of a wing of an arbitrary shape in planview	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078693	Determining nonstationary hydroaerodynamic characteristics of wings with the aid of asymptotic expansions of induced velocities in terms of Strouhal numbers	1979
19800078694	Experimental investigation of the vortex system behind a wing with end plates near a rigid surface	1979
19800078695	Weight tests of heavy models in a pulsed wind tunnel	1979
19800078696	Optical radiation measurements in the wakes of blunt cones in the hyperballistic range, phase 2	1979
19800078697	Wind tunnel test of a 0.2-scale SAMSO miniature systems missile at Mach numbers from 0.60 to 1.98	1979
19800078698	Wind tunnel test of a 0.33 scale model of the Hughes ducted rocket missile	1979
19800078699	Static force tests of the Advanced Ballistic Reentry Vehicle (ABRV) configuration at Mach numbers 6 and 10	1979
19800078700	Vertical wind tunnel tests to determine subsonic drag characteristics of unscored warhead fragments	1979
19800078701	Evaluation of the Computer-Aided Missiel Synthesis (CAMS) computer program for static stability and distributed loads calculation	1979
19800078702	Heat-transfer, surface pressure, and flow-field survey tests on a blunt biconic model at Mach number 10, phase 5	1979
19800078707	GCS/GTV program. Volume 2: Technical summary (U)	1979
19800078713	Strategic bomber study. Volume 4: Life cycle costs	1979
19800078714	Strategic bomber study. Volume 5: B-1 and FB-111H production options	1979
19800078715	The AV-8B 15% scale aerodynamic test in the NASA-Ames 14 foot (ARC) transonic wind tunnel	1979
19800078716	Analysis of the region of steady movement of an aircraft with respect to the angle of attack in flight conditions at unsteady velocities	1979
19800078717	Inlet performance characteristics of a 0.15-scale F-16 air combat fighter supercritical airflows and extreme attitudes	1979
19800078718	Thermal protection of aircraft stores	1979
19800078719	Compact Hi-performance Aerial Gun (CHAG) feasibility demonstration program	1979
19800078734	Avionics R and D program plan: FY79 - FY83, revision A	1979
19800078739	Aeromechanical test of the F101-GE-100 turbofan engine fan and compressor	1979
19800078740	Altitude performance and stability characteristics of the lycoming ALF 502L turbofan engine: Engine S/N LF05N	1979
19800078741	Single crystal superalloy turbine airfoils for marine gas turbine engines	1979
19800078742	One-dimensional, steady-state and time-dependent f100-pw-100 fan and compressor models	1979
19800078743	An evaluation of some aspects of the Central Integrated Test Subsystem (CITS) operation as applied to the F101-GE-100 turbofan engine	1979
19800078744	Ceramic gas turbine engine demonstration program	1979
19800078745	Hydrocarbon fueled scramjet. Volume 7: Fuel distribution investigation	1979
19800078749	A comparison of various incidence-limiting control	1979
19800078750	YAV-8B flutter and divergence analysis, component compliance and ground vibration test, supplement 1, revision A.	1979
19800078751	Calculation of the optimum landing control system for a civilian aircraft	1979
19800078753	Preliminary design of a minimum redundancy fail-operational digital flight control system	1979
19800078756	Methodology investigation on solar radiation sources	1979
19800078757	JANNAF 11th Plume Technology Meeting	1979
19800078758	Cooperative plume technology and plume signature programs	1979
19800078759	Band strength measurements of important boron-species radiators in advanced propellant plumes	1979
19800078760	Plume data analysis of advanced propellants	1979
19800078761	Ballistic range contrail study	1979
19800078762	A simple model of launch plume cloud growth	1979
19800078763	A proposed standard climate for evaluating rocket exhaust secondary smoke formation and visibility	1979
19800078764	Radiation characteristics of advanced propellants	1979
19800078765	IR emission/absorption measurements of rocket engine exit plane properties	1979
19800078766	Standardized infrared radiation model	1979
19800078767	Initial in situ plume property measurements in A SRM exhaust	1979
19800078768	Advanced two-phase flow diagnostics: A new application of X-ray technology	1979
19800078769	Air launch missile contrail formation predictions	1979
19800078770	Comparison of combustion/nozzle cope predicted exit plane property profiles with experimental data	1979
19800078771	Laser particle sizing interferometer in solid propellant exhaust plumes	1979
19800078772	Hydrazine in a monopropellant exhaust plume	1979
19800078773	Assessment of propellant screening facilities	1979
19800078774	PBV plume enhancement: Models, predictions and uncertainties	1979
19800078775	The JANNAF standard plume flowfield model: Modular approach computational features and preliminary results	1979
19800078776	One hundred and forty days and nights	1979
19800078785	Procedure for calculating a range-finding satellite channel using complex signals with a small base	1979
19800078786	In orbit - ham radio satellites	1979
19800078787	Test design plan for defense satellite communications system 3 (DSCS 3) initial operational test and evaluation (IOT and E)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800078788	Static force test on an improved army interceptor design at Mach number 2.0 to 4.0	1979
19800078799	Operational evaluation of the encapsulated harpoon weapon system (U)	1979
19800078830	Defense meteorological satellite program block 5D-1 electron radiation shielding analysis (U)	1979
19800078840	Altitude performance of the AFRPL/Improved Performance Space Motor (IPSM)	1979
19800078842	Development and demonstration of a MK-17 reduced smoke rocket motor for the AIM-9B/E/J missile system, volume 1 (U)	1979
19800078847	Composites manufacturing operations, production integration (composites contour part laminating)	1979
19800078848	Low flow, low pressure prepregs	1979
19800078849	Nosetip boundary-layer transition test results for graphite and carbon carbon materials at reentry conditions	1979
19800078855	Liquid-gas equilibrium at high temperature in the nitrogen - carbon dioxide system	1979
19800078856	Stress corrosion cracking of high strength Al-Zn-Mg-Cu alloys: Electrochemical studies	1979
19800078857	A criterion of ductile failure for high strength rocket steel structures	1979
19800078858	Destruction of aluminum alloy by pulse electron beams	1979
19800078859	Pressure treatment of metals on electrohydraulic impulse presses and equipment	1979
19800078863	Wear of metals by elastomers in an abrasive environment	1979
19800078865	Modification of the cure/postcure cycle for a high temperature adhesive	1979
19800078866	Development of high temperature functional fluids	1979
19800078870	MS-70 lubricant	1979
19800078871	Solid lubricant for construction machines	1979
19800078872	Some filtration studies of FM9 antimisting fuel	1979
19800078873	Magnetoanisotropic weight converter for recording solid propellant	1979
19800078874	Separation of unsymmetrical dimethyl hydrazine from hydrazine	1979
19800078876	Investigation of radiation effects on propellant combustion utilizing a window bomb (U)	1979
19800078877	Results of decoy flare test on 21 April 1977 (U)	1979
19800078878	Calculating the weight of the metal hull for a passenger-type sidewall air cushion vehicle	1979
19800078879	Electromagnetic scattering from two identical pseudospheres	1979
19800078880	Advances in multicriteria engineering design. Volume 3: Design sensitivity	1979
19800078881	Design study of low cost packet radio unit	1979
19800078882	Direction finding of spatially-separated sources by the instantaneous comparison of signals	1979
19800078883	Direction finding of wide bandwidth signals using a surface wave storage correlator	1979
19800078884	Eros application to LARIAT	1979
19800078885	Parameter determination and emp response of a two-port power rail	1979
19800078886	Similarity theory in nonlinear problems of wave diffraction	1979
19800078889	Meteor burst communications link. Demonstration test. Test and evaluation I.D. number K734	1979
19800078968	Development and investigation of means of protecting high-voltage thyristor transformers from overvoltages	1979
19800078969	Digital gallium arsenide circuit development	1979
19800078971	Feasibility study, research work development models of circular molded plastic shell electrical connectors	1979
19800078981	Sband solid state power amplifier	1979
19800078984	Development of third generation 0.9 micron MCP lightweight high performance and low cost image intensifiers (U)	1979
19800078992	A new method for studying leading edge heat transfer in supersonic flow	1979
19800078996	Example of ultra-high compression	1979
19800078997	Proceedings of the Symposium on Nonlinear Deformation waves (selected articles), volumes 1 and 2	1979
19800078998	Method of solving three-dimensional gas-dynamic problems on irregular networks	1979
19800078999	The influence of flow boundaries on the form of thin three-dimensional cavities	1979
19800079001	Laboratory tests of the nine accelerometer package calibration (NAPCAL)	1979
19800079002	Laboratory tests of Singer-Kearfott alpha series rate integrating gyros	1979
19800079003	Laboratory tests of the bell, model XI accelerometer, s/n 26, and the Honeywell digitizer for the AGT project	1979
19800079004	Optical regeneration of images from UHF holograms	1979
19800079007	Beam transfer system conceptual design study (U)	1979
19800079013	Pulsed gas lasers for atomic transitions	1979
19800079015	Laser reflectivity studies. Volume 2: 1.06-micron laser scattering from heatshield materials	1979
19800079016	Nonionizing radiation protection special study. Evaluation of laser operations at the Castle Dome hangar and adjacent proposed test areas, Yuma Proving Ground, Arizona	1979
19800079017	Exploratory development of a laser autofocus system	1979
19800079018	Study of the correlation between degradation of kiton red S laser dye and degradation of laser energy under flash conditions	1979
19800079021	HELLFIRE Low Cost Alternate Laser Seeker (LOCALS) model validation (U)	1979
19800079027	A study to design a free electron laser experiment: Executive summary (U)	1979
19800079030	HELWS definition task 1 identification of candidate configurations (U)	1979
19800079040	Low- and high-temperature (1300 and 1650 F) burner rig tests of MCrAlY composition variations	1979
19800079050	Deep submergence aspects of lithium-seawater power cell	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079052	Manufacturing process for a thermoelectric battery	1979
19800079054	The consolidation of cohesionless soils by blasting	1979
19800079055	Spectral evaluation of the quality of numerical weather forecasts	1979
19800079056	Experimental investigation of the effect of stationary wind deviation of laser emission propagating in artificial fogs	1979
19800079066	Medical evaluation of sound attenuation and electroacoustic characteristics of a NATO cosmocord peak limiting ear protector	1979
19800079067	Table conversion on system - TABCON. Volume 1: Program tables, users manual	1979
19800079068	Table conversion system - TABCON. Volume 2: Program lookup, user's manual	1979
19800079073	F/H2 collisions in the presence of intense laser radiation: Reactive and nonreactive processes	1979
19800079075	Wavelength conversion sensors	1979
19800079080	Endoatmospheric optical homing sensor technology: Concept evaluation (U)	1979
19800079083	Endoatmospheric Optical Sensor (EOS) performance program. Technique definition and evaluation, revised (U)	1979
19800079093	Quarterly Report for the period October - December 1979	1979
19800079094	Glass pages	1979
19800079096	Comet Encke: Precession of the spin axis, nongravitational motion, and sublimation	1979
19800079097	Operational test and evaluation. Production qualification and acceptance test. Solar observing optical network magnetograph subsystem	1979
19800079098	JANNAF Safety and Environmental Protection Specialist Session	1979
19800079099	Airborne monitoring of gases and particles from liquid and solid fueled rockets	1979
19800079100	Overview of DOD environmental protection program	1979
19800079101	Methods for assessing the risk in handling toxic materials used in propellants	1979
19800079102	NNC standard methods for the determination of the thermal properties of propellants and explosives	1979
19800079103	Certification of hazardous materials in transportation	1979
19800079165	Development and application of an improved potential flow program	1979
19800079166	Modeling aerodynamics uncertainties error sources in simulation of hypersonic missile performance	1979
19800079167	Suppressor of aerodynamic noise	1979
19800079168	TAV-8B scale aerodynamic test in the NASA-Ames 14 foot (ARC) transonic wind tunnel	1979
19800079169	Trailing shock inlet investigation	1979
19800079173	Follow-on operational test and evaluation omega navigation system	1979
19800079175	MARFS video insertion system	1979
19800079176	Independent evaluation of the NAVSTAR global Positioning System (GPS) Army User Equipment (AUE)	1979
19800079182	Manufacturing methods for composites skin stabilization (T-38 composite wing tip)	1979
19800079183	Low cost composite wing/fuselage manufacturing	1979
19800079187	Power augmented ram takeoff and landing airplane compared to a CTOL airplane (both high altitude cruise)	1979
19800079189	Performance evaluation of the LC-130R aircraft with the T56-A-16 and growth T56 engines	1979
19800079190	Accelerated service test of the propulsion and drive train system in the AH-1T helicopter	1979
19800079191	Research test for windshield, contoured glass-plastic prototype transparent armor for UH-1 helicopter	1979
19800079192	Operational test and evaluation exit interval control light system	1979
19800079193	Aircraft integral fuel tank design handbook	1979
19800079194	Operational test loading UH-60A blackhawk helicopter (C-141A)	1979
19800079195	Determination of test loads for blue angel A-4 fatigue investigation	1979
19800079196	Development of replacement advanced composite components for T-38 honeycomb structures	1979
19800079198	S-3A/KC-135 in-flight refueling compatibility evaluation	1979
19800079200	T-34C aborted takeoff and landing evaluation	1979
19800079201	Low-altitude cluster munition delivery technology. Volume 1. Dispenser design concept selection and evaluation	1979
19800079202	Low-altitude cluster munition delivery technology. Volume 2. Supporting analyses	1979
19800079203	Advanced fire control algorithm for HEL applications. Volume 2: Coordinate alignment and stabilization	1979
19800079204	Blackhawk around the world: Plan for first helicopter circumnavigation of the globe	1979
19800079205	AN/AYK-14 (V) standard airborne computer electromagnetic vulnerability tests	1979
19800079212	Requalification of MIL-L-23699C aircraft turbine engine oil, Exxon 2380, with alternate basestock manufacturer	1979
19800079213	The model J79-GE-10 smoke reduction/improved life engine flight evaluation, phase 2	1979
19800079214	Ceramic gas turbine engine demonstration program	1979
19800079216	A-6 ram air turbine evaluation of corrosion resistance and blade retention improvements	1979
19800079217	Cruise missile engine program. Contract data requirements list, sequence number 95, qualification test report. Volume 19. Engine accessory generator/exciter for the F107-WR-101, F107-wr-102, and F107-WR-400 cruise missile engines	1979
19800079224	Evaluation of the simulator for air-to-air combat (SAAC)	1979
19800079225	Analysis of VTXTS technology base studies	1979
19800079226	A/A47U-4 reeling machine-laucher system, tow target	1979
19800079227	Aviation and cosmonautics (selected articles)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079229	The 100 lb sub F ACS engine evaluation program facility checkout tests	1979
19800079233	Shillelagh missile static firing tests to isolate a Flyback missile failure mechanism	1979
19800079234	The ocean listens to the voice of magion	1979
19800079235	AIM-4F/G missile simulation development	1979
19800079237	Independent parametric cost estimate summary	1979
19800079238	Technical aspects of data reception from NNSS satellites and evaluation of the possibility of a Polish Doppler equipment prototype	1979
19800079241	Jato rocket motor mark 91 mod o type-life program	1979
19800079242	Acoustical holographic imaging of degraded bonds	1979
19800079243	Shillelagh missile SN010278 flyback malfunction	1979
19800079244	Advanced propulsion subsystem analysis	1979
19800079250	Composite skin stabilization	1979
19800079252	Ablation performance of pitch fiber and tantalum carbide loaded carbon/carbon materials	1979
19800079253	Ways to improve the aluminum saturation of carbon fiber bundles	1979
19800079254	In-process billet characterization. Volume 1: Billets A1 and G18	1979
19800079256	Flashless die forging of titanium alloys in the superplastic state	1979
19800079257	Kinetics of the steady-state electrode potential of steel specimens in seawater under low-cycle loading	1979
19800079258	Investigation of acoustic emission behavior of HY-130 steel subjected to tensile loading	1979
19800079259	Research and development on high temperature materials	1979
19800079262	Evaluation of roll-extruded alloy 718 tubes: Seamless versus welded	1979
19800079264	Protective-lubricant coatings for hot working of alloy steels and alloys	1979
19800079265	Paint drying by electron irradiation	1979
19800079267	Transfer adhesive on materials, adhesive, polymer, thermoplastic plastic, mechanical, physical, film	1979
19800079273	MK-8 oils: Technical requirements	1979
19800079275	Firing mechanism design guide	1979
19800079284	Integral molding production verification	1979
19800079286	Low vibration cooler	1979
19800079293	Radar search	1979
19800079294	Measurement of antenna radiation patterns by machine reconstruction of field holograms in their aperture	1979
19800079295	UPD-X phase 1 flight test program executive summary	1979
19800079296	Evaluation of bicord system	1979
19800079297	Projectile motion determination Fourier and numerical methods for the derivation of trajectory data from Doppler radar	1979
19800079298	Environmental tests of the TDL-417 active antenna system	1979
19800079299	Radar cross section of impedance loaded spheres	1979
19800079300	UPD-X PI support. Volume 1: Data collection analysis and results	1979
19800079301	UPD-X PI support. Volume 2: Appendices	1979
19800079302	First Article-Initial Production Test (FA-IPT) of SHF satellite communications ground terminal AN/TSC-93	1979
19800079303	First Article-Initial Production Test (FA-IPT) of SHF satellite communications ground terminal AN/TSC-94	1979
19800079304	First Article-Initial Production Test (FA-IPT) of SHF satellite communications ground terminal AN/TSC-85 - V 2	1979
19800079305	Millimeter band diffraction radiation generator with an electron flow reflector	1979
19800079308	A protection study of carbon fiber hazards	1979
19800079309	Development of high power C-band transistor	1979
19800079310	Ku-band integrated solid state power amplifier	1979
19800079311	Expendable twt manufacturing technology	1979
19800079313	Qualification of dynamic controls corporation P/N 11151-1A AC external power monitor	1979
19800079328	Extension of the capabilities of the transducer circuit model and saw device analysis program	1979
19800079329	Low-frequency pulse oscillator	1979
19800079330	Pulsed liquid-metal switch for high-current circuits	1979
19800079331	Computer-aided design of multifrequency eddy-current tests for layed conductors with multiple property variations	1979
19800079334	Physical gas dynamics (collection of scientific papers)	1979
19800079336	Plane internal waves appearing in a stratified fluid with the flow around the source-sink system	1979
19800079337	The physics of aerosols (selected articles)	1979
19800079339	Design and testing of an ion exchange silver removal system for photographic effluent	1979
19800079341	Experimental apparatus for measuring the attenuation of the intensity of laser emission in a cloud chamber	1979
19800079342	Measurements of aerodynamic parameters affecting optical performance	1979
19800079343	Liquid air system component development program	1979
19800079344	A study to design a free electron laser experiment. Volume 3. R. F. linear accelerator concept analysis	1979
19800079347	Now that is a hyperboloid	1979
19800079348	Graf 2 laser designator field test	1979
19800079350	Plasma arc welded structures	1979
19800079351	Welding technology development	1979
19800079354	Eddy current surface inspection of disks	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079356	On the propagation of elastoplastic compression-shear waves in materials with delayed yield	1979
19800079359	Plastic in-plane bending and buckling of an elbow: Comparison of experimental and simplified analysis results	1979
19800079360	Creep tensile instability	1979
19800079361	USSR Report: Meteorology and hydrology, no. 10	1979
19800079362	Numerical experiment to consider orography and friction in models of atmospheric dynamics	1979
19800079363	Advanced model of atmospheric planetary boundary layer	1979
19800079364	A twelve-level axisymmetric numerical model of a tropical cyclone	1979
19800079365	Consideration of the effect of rotation and motion of vortices on the basic flow of liquid	1979
19800079366	Numerical modeling of deep convection processes	1979
19800079367	Regularities in the behavior of radioactive aerosols in the near-ground atmosphere	1979
19800079368	Analysis of motion of a constant-level balloon in order to determine certain turbulent atmospheric characteristics	1979
19800079369	Experimental evaluation of the quality of operational aerological information	1979
19800079370	Electrical conductivity field of seawater in north Pacific Ocean	1979
19800079371	Estimate of the calculated thickness of stratified ice	1979
19800079372	Use of meteorological forecasts in differentiating nitrogen supplements	1979
19800079373	Certain method questions of using tensiometers in studies of soil water pattern	1979
19800079393	Possibilities of a unified computer system for processing geodetic data	1979
19800079395	Experimental study of energy characteristics of electrodeless energy conversion under conditions of the intense interaction of a plasma with a magnetic field	1979
19800079396	Characterization of aged, unactivated thermal battery components	1979
19800079399	Lithium-manganese cell (1)	1979
19800079404	Transactions of the hydrometeorological scientific research center of the USSR	1979
19800079405	Numerical analysis and prediction of meteorological fields	1979
19800079407	Scientific and technical information informational facilities of the Hydrometeorological Service (selected articles)	1979
19800079408	Metrological research and problems in the calibration of meteorological instruments (selected articles)	1979
19800079411	An evaluation of the Gosstcomp model in determining ocean thermal features with a literature summary of remote sensing of the oceans northeast Pacific Ocean, August 1977	1979
19800079412	Superoxides or the dangers of aerobic life	1979
19800079413	The physical condition of Dutch fighter pilots	1979
19800079414	Basic results of research in technical mycology in the USSR in 1971-1975 and its future development	1979
19800079416	Radiation safety of flights	1979
19800079417	The question of an occupationally-induced hearing impairment in cockpit crews in civil aviation	1979
19800079418	Toxicology of synthetic lubricants	1979
19800079419	Research and finding in psychopharmacology	1979
19800079423	Paradoxes of nature--turned to the advantage of mankind by scientists	1979
19800079424	Noise perception by the human auditory analyzer	1979
19800079426	Operational test and evaluation manual static line retrieval and loadmaster headgear	1979
19800079427	Considerations of human-machine interaction in airplane design, part 1	1979
19800079428	Considerations of human machine interaction in airplane design, part 2	1979
19800079430	Resistance of permeable protective material to thermal radiation	1979
19800079433	Verification and validation in embedded computer system development	1979
19800079435	Generation of ultra-high magnetic fields	1979
19800079436	Generation of ultra-high magnetic fields. 3: Method of explosive compression	1979
19800079438	Synchrotronic radiation and the prospects of its use	1979
19800079439	Long haul optical transmission set AN/GAC-1	1979
19800079441	Electro-optics development	1979
19800079500	F-18 aircrew egress systems	1979
19800079501	Composite wing/fuselage program	1979
19800079502	Wind tunnel tests on the 1/9-scale AFTI-16 force model at Mach numbers from 0.60 to 1.50	1979
19800079504	Separation characteristics of several stores from the F-18 aircraft at Mach numbers from 0.5 to 1.3	1979
19800079505	Operational evaluation of the elastomeric rotary wing head for H-52 helicopters	1979
19800079507	Thermal stability of gas turbine vane materials	1979
19800079508	Metallic coating development and evaluation program	1979
19800079510	Flying qualities and flight control system evaluation of the B-1 strategic bomber	1979
19800079511	Development of target heating capability at the AFWL gas gun facility	1979
19800079512	Independent evaluation report of the Small Portable Analyzer Diagnostic Equipment (SPADE)	1979
19800079516	Water jet erosion testing of missile radome materials	1979
19800079517	Thermal shield roll ablation group tests, part 1	1979
19800079518	Evaluation of carbon-carbon composites for the PAN pilot production program P4. Volume 2: Data analysis and interpretation	1979
19800079519	A spectroscopic investigation of rare earth ions in zircon	1979
19800079520	The effect of the chemical nature of the carbon source in the medium on the composition of the biomass	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079521	Reinforced blast waves in solid gas mixtures	1979
19800079522	The evolution of a detonation wave in a cloud of fuel droplets. 1: The influence of the ignition explosion. 2: The influence of the fuel droplets	1979
19800079523	Single crystal superalloy turbine airfoils for marine gas turbine engines	1979
19800079526	Lubricating grease GOI-54P	1979
19800079527	US all-purpose medium-melting lubricant (fatty solidol)	1979
19800079528	Additive dispersion in polymers. 2: Key information on the surface modification of additives	1979
19800079534	Digital processor for embedded array radar	1979
19800079535	Technical evaluation of the general purpose modem	1979
19800079537	A simple low-pass digital filter	1979
19800079538	Switching device with liquid-metal contact unit described in patent	1979
19800079539	Thermoelectric materials and their applications	1979
19800079540	Qualification verification of Leland CSV1152-2AB dc voltage regulators	1979
19800079542	On efficient pressure recovery	1979
19800079543	Photographic diagrams based on radar pictures	1979
19800079546	Shear panel characterization using the picture-frame test method	1979
19800079547	The stability of the visco-plastic flow of a rectangular strip and a round bar	1979
19800079549	Waste neat recovery study for heating equipment at Scranton Army Ammunition Plant	1979
19800079550	Regenerable energy sources	1979
19800079551	Solar thermoelectric generator optimization possibilities	1979
19800079552	The conversion of solar energy and its impact on engineering	1979
19800079553	Physical/chemical pilot plant study for treatment of propellant manufacturing wastewaters. Phase iii. NG-2, Radford Army Ammunition Plant	1979
19800079554	Seasonal surface weather characteristics of selected ocean areas	1979
19800079564	The dimensions of a coherent structure in the potential cone of a subsonic free jet	1979
19800079565	Laser anemometer measurements in a supersonic free jet with a hot gaseous envelope	1979
19800079581	BQM4S and MQM-74C target radar cross section measurements at millimeter-wave frequencies	1979
19800079582	Application of a bayesian approach to updating airframe CERS: appendices A,B, and C	1979
19800079583	Bibliography of joint aircraft survivability/vulnerability reports and related documents	1979
19800079589	Flight control/flying qualities investigation for lift/cruise fan V/STOL. Volume 2: Piloted simulation	1979
19800079590	Structures and materials panel: Summary record of the 48th panel meeting	1979
19800079591	Application of minuteman experience to future missile systems	1979
19800079592	Intercept guidance and control concepts demonstration	1979
19800079594	Plume data analysis of advanced propellants, volume 1	1979
19800079596	Technology of the production of items from vinacryl based composites	1979
19800079597	Dynamic mechanical characterization of a Kevlar fiber-resin composite	1979
19800079598	Effect of aluminum and vanadium on the impact toughness of type 17G2SAF steel	1979
19800079599	Chemistry of surface coatings	1979
19800079600	Effect of the physicochemical characteristics of the dispersion medium on the properties of lubricating greases at low temperatures	1979
19800079601	FTIR spectroscopy studies of HTPB propellant bond lines	1979
19800079602	Surveillance: Navy fleet-returned initiator M682 OEA P/N 21291500	1979
19800079603	Explosives research and development	1979
19800079604	Adaptive radar array technique study	1979
19800079605	Enhanced satellite survivability experiment (ESSEX): Definition phase, volume 1.	1979
19800079606	Portable, harmonic radar for detection of stationary, concealed targets	1979
19800079607	SCENARIO: A program for satellite signal propagation analysis applications	1979
19800079608	Qualification testing of the EMP Electronics, Incorporated, P/N PS-351, 250 Va, three-phase static inverter	1979
19800079611	Development of third generation 0.9 micron MCP lightweight high performance and low cost image intensifiers	1979
19800079612	Manufacturing technology for airborne high voltage power supplies, volume 1	1979
19800079617	High power dye laser	1979
19800079618	Discharge excimer laser technology	1979
19800079619	Study of the optical pumping of the ground state of diatomic molecules by polarization of laser-excited fluorescence	1979
19800079620	Acoustic suppression in a pulsed chemical laser design	1979
19800079621	Explosive welding in metallurgy. Chapter 4. Fundamentals of the explosive welding fabrication technology for thick sheet large semi-finished products	1979
19800079650	Improved seating for military vehicles	1979
19800079651	AV-8B human engineering program plan, revision A	1979
19800079652	AV-8B human engineering simulation plan, revision A	1979
19800079653	Modular Missile Borne Computers. Volume 7. IOS/DP development study	1979
19800079654	Modular Missile Borne Computers. Volume 6: MMBC miscellaneous specifications, phase 3	1979
19800079655	Modular missile borne computers. Volume 5. MMBC control and sensor simulator computer interface specifications	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079656	Modular missile borne computers. Volume 4b. MMBC module specifications	1979
19800079657	Modular missile borne computers. volume 4a. MMBC module specifications	1979
19800079658	IBCFA gun engineering design	1979
19800079659	Statistical attenuation characteristics of visible and infrared radiation in a surface layer of the atmosphere	1979
19800079660	Report of aquisition logistics lessons learned during conceptual and validation phases of the Advanced Medium Short Takeoff and landing transport program (AMST)	1979
19800079661	Computer technology forecast and weapon systems impact study (COMTEC-2000). Volume 3: Issue panel reports	1979
19800079671	Wind tunnel tests of the performance technology program, phase 2: GE vehicle at Mach 8 (phase 2, force tests)	1979
19800079672	Mach number/flow angle surveys within the bow shock of the X-24C model at Mach number 6	1979
19800079673	Extrapolation of wind tunnel heating data on a Supersonic Tactical Missile (STM) to flight conditions	1979
19800079679	A wind tunnel test of advanced aircraft configurations and various weapons carriage at Mach numbers from 0.6 to 1.96 (U)	1979
19800079691	Physiological acceptability tests of the SJU-5/A ejection seat	1979
19800079692	Plotting the kappa functional of inertial navigation without an integrating computer of the basis of the data of a gyroscopic type acceleration integrator	1979
19800079694	Operational evaluation of the AN/WNS-3 (XN-1) (V1) electrically suspended gyro navigator (U)	1979
19800079696	Verification of air test traffic control radar beacon system and weapon delivery accuracy with the modified teleyne CP-828 air data computer and L probe Pitot-static system (U)	1979
19800079697	LORAN/GBU-15 feasibility demonstration (U)	1979
19800079698	Development of test 2A of enhanced Cobra armament program, rocket management subsystem (EDT-G) and universal turret subsystem (POT-G)	1979
19800079699	Cycle studies and engine candidates for a Navy jet trainer (VTX)	1979
19800079700	BIT/SIT improvement project: Evaluation of selected USAF aircraft BIT/SIT systems/subsystems	1979
19800079701	Evaluation of the AQM-37A missile target compatibility with the A-6E airplane	1979
19800079702	Advanced Terminal Aerial Weapon Delivery simulation (TAWDS) program. Volume 2: Software manual for advanced TAWDS frequency domain program	1979
19800079704	AV-8C flight test report	1979
19800079705	AV-8B8 reliability and maintainability	1979
19800079706	Operational evaluation of the H-46 fiberglass rotor blades	1979
19800079708	Flight test of an improved F-106 cooling turbine	1979
19800079731	An analysis of expected kill probabilities of high-explosive projectiles impacting aerial targets (U)	1979
19800079735	Have bounce phase 1 test results (U)	1979
19800079740	Flight test and evaluation of the AV-8A weapon delivery system with ECP-800 (U)	1979
19800079748	Improved smoke munitions task no. 2 design analysis of Felt Wedge WP (FWWP) projectile, XM825	1979
19800079749	Materials for Advanced Turbine Engine (MATE)	1979
19800079750	MATE: Materials for Advanced Turbine Engine	1979
19800079752	A 1000-hour simulated mission endurance test of a Pratt and Whitney Aircraft TF30-P-414 engine	1979
19800079753	Cost effective repair techniques for turbine airfoils, volume 2	1979
19800079754	Manufacturing methods for shrouded blade and vane fabrication, volume 1	1979
19800079759	Reduced cost turbine engine concepts program, phase 1. Volume 1, part 1: Industry version (U)	1979
19800079760	Reduced cost turbine engine concepts program, phase 1. Volume 1, part 1: Government version (U)	1979
19800079764	Folded pilot swirl combustors (U)	1979
19800079765	Design and development of advanced high-pressure spool gas generator (ATEGG), part 2 (U)	1979
19800079766	Performance analysis of the Generic Ordnance Ramjet Engine (GORJE) Propulsion Test Vehicle (PTV). Volume 1: Vehicle definition and ballistic trajectory performance (U)	1979
19800079767	Performance analysis of the Generic Ordnance Ramjet Engine (GORJE) Propulsion test vehicle (PTV). Volume 2: Controlled flight performance estimates (U)	1979
19800079777	Air-to-air bistatic missile system	1979
19800079778	Optimal guidance and thrust magnitude control for air-launched ramjet-powered missiles. Volume 2: User's manual	1979
19800079779	TITAN 2 Reliability and Aging Surveillance Program (RASP)	1979
19800079782	MIM-72C improved chaparral missile performance, volume 2 (U)	1979
19800079783	MIM-72C improved chaparral missile description, volume 1 (U)	1979
19800079787	Sparrow AIM-7E missile rocket motor mark 38 mods 2,3, and 4 and igniter mark 265 mod 0 surveillance (U)	1979
19800079789	Stage separation study (U)	1979
19800079793	Satellite payload multi-threat development (U)	1979
19800079794	Potential application of a millimeter active/passive contrast seeker to the Hellfire modular missile system (U)	1979
19800079798	Millimeter wave semiactive guidance program (U)	1979
19800079805	Zuni rocket Mark 71 Mod 1 databook. Volume 2, Performance data	1979
19800079807	Propulsion systems for missiles	1979
19800079813	Flight Vehicle Power System (FVPS) for ASALM (U)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079815	Composite materials: The materials of the future	1979
19800079816	What is new in chemical fiber production	1979
19800079821	Particle impact and dynamic response of advanced nosetip and heatshield materials (U)	1979
19800079822	Ablation and erosion tests of advanced heatshield materials (U)	1979
19800079825	Preliminary results of nitinol coupling exposures in seawater	1979
19800079826	Power metallurgy	1979
19800079827	High-strength alloyed steels	1979
19800079828	Study of the aging effects of styrene copolymers	1979
19800079830	Against friction: Research on new lubricating materials and antifriction measures	1979
19800079831	Polymeric materials for advanced aircraft and aerospace vehicles	1979
19800079832	Radiation chemistry of elastomers (chapters 1 and 2)	1979
19800079833	Development of high temperature thickeners for high performance greases	1979
19800079835	Recent achievements in the synthesis of heterocyclic polymers with a high thermal stability, part 1	1979
19800079836	Flame-retardant synthetic fibers	1979
19800079839	Glycidyl azide polymer: An energetic polymer (U)	1979
19800079840	Process for the production of liquid fuel for gas turbines and gas turbine systems	1979
19800079841	The fuel of the future: The deputy director of the Kurchatov Institute discusses hydrogen	1979
19800079842	Aspects of alkali refining of high-acidity diesel fuels	1979
19800079846	Airblast measurement of confined spherical experimental explosives (U)	1979
19800079847	Comparison of solid performance program with experimental bates firings (U)	1979
19800079848	AIM 9J solid propellant ingredient study (U)	1979
19800079850	High energy, high burning NF propellant development, phase 2 (U)	1979
19800079851	PCDE propellant (U)	1979
19800079853	Burn rate control of minimum smoke propellants (U)	1979
19800079854	Development of improved zirconium propellants (U)	1979
19800079855	Replacement propellants for TPH-8156 and TPH-8159 propellants (U)	1979
19800079856	Preparation, characteristics and specifications for BA114 (U)	1979
19800079857	Propellants for gas generator (U)	1979
19800079858	On the threshold of the hydrogen era: Cryogenic tanks for hydrogen vehicle fuel storage	1979
19800079865	Magnetostatic wave propagation in periodic structures	1979
19800079866	Low cost packet radio study	1979
19800079867	Environmental tests of the UPS-95 active antenna system	1979
19800079868	The propagation of submillimeter and millimeter radio waves in the earth's atmosphere and the atmospheres of the planets: Report on symposium	1979
19800079869	All-union symposium on the propagation of submillimeter and millimeter waves in the atmosphere of the earth and the planets dedicated to the 250th anniversary of the academy of sciences of the USSR	1979
19800079871	Packet radio experimental network	1979
19800079872	Very large scanning antennas	1979
19800079873	Interim EMP evaluation and hardening recommendations for AN/FSC-78	1979
19800079874	Packet broadcast by satellite. Pluribus satellite IMP development. Unix system development. Remote site maintenance. Internet development	1979
19800079875	On the limits of the applicability of the asymptotic formula for a wave propagating along a concave surface	1979
19800079876	Technical support for the CONUS OTH-B experimental radar system	1979
19800079881	Millimeter wave semiactive guidance program (U)	1979
19800079883	Large TB processing using Pi-DMOS acousto electric interaction	1979
19800079887	The differential equations of the process of switching electrical circuits with liquid-metal conduction-type contact elements	1979
19800079888	Technical evaluation of the AN/USM-42(V)1 100 MHz oscilloscope	1979
19800079889	Analysis of waveguide-type IMPATT oscillator with external reflecting resonator	1979
19800079890	Monitor Kaman H-2 helicopter electrical systems retrofit	1979
19800079891	Inhibition of sulfide-induced corrosion by clean seawater preexposure	1979
19800079894	Boundary layer measurements alternative study. Volume 2: Boundary layer radiance arc jet tests	1979
19800079895	Visible laser effects program: Midterm report	1979
19800079896	Multioperation machine tools	1979
19800079897	A feasibility study of a mechanical heater for high temperature gas flow applications	1979
19800079898	Investigation of high-velocity fragments impacting plate arrays	1979
19800079909	State-of-the-art and prospects of thermionic energy conversion	1979
19800079910	Atmospheric IR transmittance and scattering properties in Europe	1979
19800079911	Weather simulation or applied climatology for weather impact information	1979
19800079913	Self-monitoring as a reliability mechanism of the human operator	1979
19800079914	A study on pilot/observer interaction in aligning a helicopter with a target	1979
19800079916	TF-18 impulse noise test	1979
19800079920	Composite mother carrier FLIR MOS postamplifier CCD memory module NVL mother carrier	1979
19800079921	Integrated modular FLIR reformatter (TICAS)	1979
19800079922	The effect of the alloying conditions on the photoelectric properties of cobalt-alloyed silicon	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079923	Decision logic tables, developed for Director of Maintenance in OC-ALC/AFLC	1979
19800079926	Search and assessment of new and advanced technologies	1979
19800079927	Theoretical and experimental results for 25 mm and 30mm optimum and low-drag projectile shapes	1979
19800079929	Wind tunnel tests of the Maneuverable Reentry Research Vehicle (MRRV) model at subsonic and transonic Mach numbers	1979
19800079930	Wind tunnel measurements of hysteresis in the static aerodynamic characteristics of aircraft	1979
19800079936	Simplified techniques for vulnerability tradeoff analyses	1979
19800079937	AV-8B human engineering mission analysis report	1979
19800079938	Reentry guidance technology, volume 1	1979
19800079939	Supersonic static force and moment and oil flow tests of the aerodynamic configured missiles	1979
19800079945	Aerothermal evaluation of the space shuttle external tank thermal protection system	1979
19800079950	Development test 2 (PIT-G) of the Chaparral smokeless motor XM 121 (U)	1979
19800079952	Metal Matrix Materials for Navy Systems (MMMNS) Program. Transverse strength properties of graphite-aluminum composites	1979
19800079953	Fabrication of graphite-aluminum hat section structural members by pultrusion	1979
19800079954	Metal matrix materials: Composites for naval systems	1979
19800079955	Evaluation of carbon-carbon composites for the pan pilot production program (P4). Volume 1. Test procedures	1979
19800079957	Supersonic rain erosion	1979
19800079959	Tungsten and its alloys	1979
19800079960	Chemical ingredient studies task 2: HMX additive study	1979
19800079961	Hydrogen as a fuel of the future	1979
19800079964	Packet radio experimental network	1979
19800079971	Advanced Sensor Integration and tactical Data Processing (ASI/TDP) program - a multi-platform sensor integration system-initial concept formulation (U)	1979
19800079975	Tactical aircraft identification (U)	1979
19800079978	Ground level measurement of VHF signal structure beyond line of sight (U)	1979
19800079979	Development and test of airborne steerable null antenna processor (AB SNAP) (U)	1979
19800079982	HCA radar studies, 2 (U)	1979
19800079983	Measurement of retroreflectance from paint coating (U)	1979
19800079984	AN/MSR-T1 evaluation (U)	1979
19800079985	Millimeter wave semiactive guidance program (U)	1979
19800079987	Operational evaluation of the APS-130 radar (U)	1979
19800079988	Follow-on evaluation of the AN/APR-39(V)1 radar warning receiver (U)	1979
19800079998	Transistor, diode and microcircuit step stress testing program, appendix 3	1979
19800080006	Manufacturing technology for airborne high voltage power supplies. Volume 2: Manufacturing guidelines document	1979
19800080007	Advanced current collection research	1979
19800080011	Low band millimeter wave twt, QKW1756 (U)	1979
19800080012	Mini traveling-wave tube package for expendable jammer (U)	1979
19800080013	Manufacturing Methods and Technology (MM and T) measure for fabrication of third generation 0.9 micron photocathodes (U)	1979
19800080014	High band millimeter-wave TWT (U)	1979
19800080017	Development of third generation 0.9 micron MCP lightweight high performance and low cost image intensifiers (U)	1979
19800080022	Infra-red laser deflector development	1979
19800080023	Expanded-beam laser designator demonstration (U)	1979
19800080027	Test report for laser seeker section (LSS) AN/DAB-1, -31M, serial numbers, VS030Y (S4) D6 (U)	1979
19800080030	Nonionizing radiation protection special study. Hazard evaluation of the Low Brightness Laser (LBL) (U)	1979
19800080033	Aerosol laser passive countermeasures conceptual development (U)	1979
19800080035	Advanced axicon mirror (U)	1979
19800080037	Advanced laser system device subsystem (U)	1979
19800080038	Hypersonic wedge nozzle development program (U)	1979
19800080039	Graphic/carbon axicon mirror preliminary design (U)	1979
19800080043	An accelerating voltage generator for a linear induction accelerator	1979
19800080052	Comparative characterization of thermionic converter structural materials	1979
19800080053	Solar energy power plants for pumping water and other uses	1979
19800080055	Investigation of environmental degradation of advanced composite sandwich construction	1979
19800080057	The effects of earplugs and earmuffs on pitch discrimination	1979
19800080058	Insertion loss of earplugs and earmuffs on an artificial head as a function of azimuth of the sound source	1979
19800080063	Computer solution techniques for systems analysis	1979
19800080065	Flight test investigation of advanced technologies of a linear array infrared seeker (U)	1979
19800080067	Advanced infrared imaging seeker development (U)	1979
19800080070	Optical signal processor (U)	1979
19800080071	Deployability calculations for a spectral-modulation blue-spike surveillance device (U)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080072	Hardened focal plane development, phase 4 (U)	1979
19800080074	Critical optics technology, FY 1978 (U)	1979
19800080075	Aquila RPV FLIR system (U)	1979
19800080076	Observers's target acquisition system and pilots, night vision system development (U)	1979
19800080078	Correlation formats between various combinations of imaging missile seekers and pointing and tracking systems (U)	1979
19800080080	Radiation energetics for titanium-wire loads (U)	1979
19800080081	Spontaneous and induced radiation of holmium in LaNA(MoO4)2 and LaNbO2	1979
19800080082	Manufacturing Methods and Technology (MM and T) measure for fabrication of third generation 0.9 micron photocathodes (U)	1979
19800080084	Hardened infrared materials 2 (U)	1979
19800080087	Science and Technology Objectives Guide FY80 (STOG-80) (U)	1979
19800080094	Computer program for design and/or analysis of two-dimensional and axisymmetric inlets	1979
19800080105	Analytical flow field prediction techniques, Volume 2	1979
19800080111	Service test of commercial non-aeronautical items, rough terrain kit for ARRS pararescue forces	1979
19800080112	Flight trials to determine the overall system performance of distance measuring equipment	1979
19800080113	Tactics development and evaluation Station Keeping Equipment (SKE)/Airborne Radar Approach (ARA)	1979
19800080114	Evaluation and test of a self contained vehicle land navigation system	1979
19800080115	Report on a combined experimental and and theoretical investigation of the aerofoil cast 7	1979
19800080116	High temperature endurance test on the P/N 23860 fuel control electronic actuator	1979
19800080119	Inlet performance characteristics of a 0.15-scale advanced fighter technology integrator aircraft (AFTI-F-16) at transonic Mach numbers	1979
19800080120	Flowfield characteristics and carriage loads at weapon stations 2 and 8 of the F-15 aircraft at transonic Mach numbers	1979
19800080121	Manufacturing methods for superplastic forming/diffusion bonding process	1979
19800080122	F-15 turret holography	1979
19800080123	Installation, test, and evaluation of electroluminescent and flood formation lights on S-3 A aircraft	1979
19800080125	Development, test and evaluation of the Air Inflatable Retarder (AIR)	1979
19800080130	Independent evaluation plan for UH60A helicopter (Black Hawk)	1979
19800080131	Independent evaluation plan for platform assemblage, airdrop type 5	1979
19800080141	OH-58 composite main rotor blade preliminary design investigation. Volume 2: Radar Cross Section (RCS) evaluation (U)	1979
19800080144	SH-3H ASW mission effectiveness study. Volume 2: Appendices (U)	1979
19800080145	Operational evaluation of the RF-4B SLEP (Service Life Extension Program) (U)	1979
19800080149	Development of prototype optical convolution airspeed sensor	1979
19800080150	Field monitoring of the operating stability of RDS-2 aircraft and radiorangefinder system sets	1979
19800080151	Qualification considerations for the avionic information processing system design methodology	1979
19800080153	F404-GE-400 official QT sea level climatic start tests	1979
19800080163	Advanced surveillance analog/carton technology	1979
19800080164	Feasibility demonstration of a solid state command transmitter for the Shillelagh system	1979
19800080166	Guidance and control analysis of Anti-Radiation Projectile (ARP) systems)	1979
19800080167	Correlation pressure and flow field investigation on the ASALM PTV forebody and inlet (U)	1979
19800080181	Advanced development of satellite materials hardening (SMATH-2). Volume 1: Executive summary (U)	1979
19800080185	Medium-intermediate range ballistic missile conceptual design study. Volume 2: Advanced missions (U)	1979
19800080190	High altitude electromagnetic pulse hardening study. AN/FSC-78V satellite communications terminal and AN/USC-28 V spread spectrum modem (U)	1979
19800080204	Signature characterization. Volume 1: Modeling and characterization of rocket exhaust smokes	1979
19800080205	Finalization of independent evaluation report for DT 2 of lightweight launcher for the 2.75 inch rocket system	1979
19800080208	Mission propulsion R and D applicability: An overview (U)	1979
19800080209	Single and dual-particle impact erosion tests	1979
19800080210	Advanced densification of carbon composites reinforced with pan-precursor carbon and graphite fibers	1979
19800080211	Satellite applications of metal matrix composites	1979
19800080213	Large area composite structure repair	1979
19800080214	Investigation of techniques for tranverse property improvement in graphite/aluminum composites using hybrid construction	1979
19800080215	Fabrication and evaluation of new resins	1979
19800080216	Tests of candidate radioisotope, thermoelectric generator aeroshell materials	1979
19800080223	Chemiluminescent capsules. Capsules which luminesce when broken in air	1979
19800080224	A comparison of various stress corrosion test procedures applied to three aluminum alloy plates	1979
19800080225	Effect of prestrain upon the fatigue properties of 1/4 hard metastable austenitic stainless steel sheet	1979
19800080226	The effect of strain rate on the failure of aluminium alloys	1979
19800080227	High-speed deformation of metals	1979
19800080236	Polymer electron resists	1979
19800080237	Imbibitive polymers for the dissemination of liquids	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080238	Theoretical and experimental methods of determining stress states of structural elements made of anisotropic reinforced plastics	1979
19800080239	Low-friction self lubricating plastics in the Soviet Union	1979
19800080241	Chemical composition of liquid products of coal hydrogenation	1979
19800080242	Hydrogen instead of gasoline. The development of hydrogen fuel technology for motor vehicles	1979
19800080244	Coal: A viable substitute for petroleum	1979
19800080246	Characteristics of AFX-108 (U)	1979
19800080249	Antenna feeder units, part 1	1979
19800080251	From cathode relays to satellite communications	1979
19800080252	WWMCCS AF interface to MX	1979
19800080253	Enhanced satellite survivability experiment (ESSEX): Definition phase. Volume 3: Appendices B-F	1979
19800080256	Bistatic radar reference frequency experiment	1979
19800080259	Microwave radiation hazards tactical satellite terminals, AN/TSC-85 and AN/TSC-93	1979
19800080260	Frequency planning by sequential linear programs	1979
19800080263	Project CORONET BUZZ (U)	1979
19800080280	Power amplifier for OV-10 UHF (U)	1979
19800080281	OTH radar performance and technology evaluation (U)	1979
19800080283	Transistor step stress testing program on transistors, PNP bipolar, silicon	1979
19800080284	Expendable traveling-wave tube manufacturing technology program	1979
19800080286	Millimeter wave array components investigation	1979
19800080287	Dual beam dual mode TWT	1979
19800080288	Radiation-hardened integrated injection logic techniques and devices	1979
19800080289	Manufacturing technology for spaceborne-high voltage power supplies. Volume 2: Guidelines document	1979
19800080291	One kW UHF solid state power amplifier	1979
19800080292	High-voltage vacuum contactor	1979
19800080293	Manufacturing technology for spaceborne high voltage power supplies, volume 1	1979
19800080295	Expendable Traveling-Wave Tube (TWT) manufacturing technology program	1979
19800080300	Engineering evaluation of Jet Electronics and Technology, Incorporated, model SI-3003A, three-phase, 3000VA static inverter	1979
19800080307	Manufacturing technology for I/J band amplifier modules	1979
19800080310	Millimeter wave homing seekers; Some technology performance, and design issues	1979
19800080311	Coherent pulsed millimeter wave sources	1979
19800080312	Tape chip carrier for hybrid microcircuits	1979
19800080313	Investigation of a solid state RF power amplifiers, for siam	1979
19800080316	Manufacturing methods and technology (MM and T) measure to establish automated production processes for intagliated fiber optic phosphor screens	1979
19800080317	Advanced electron device technology	1979
19800080319	Transistor step stress testing program on transistors, PNP bipolar, silicon	1979
19800080320	Transistor step stress testing program on transistors, NPN bipolar, silicon	1979
19800080321	Transistor step stress testing program on transistors, NPN bipolar, silicon	1979
19800080322	Transistor step stress testing program on transistors NPN bipolar, silicon	1979
19800080323	Transistor step stress testing program on transistors, NPN bipolar, silicon	1979
19800080324	Transistor step stress testing program on transistors, chopper, PNP bipolar	1979
19800080329	UV sustained discharges for rare gas halide lasers	1979
19800080330	Supersonic carbon monoxide UV-preionized electric discharge laser	1979
19800080331	Laser Digest, Fall 1978	1979
19800080332	Optics technology program for advanced high power visible lasers	1979
19800080333	Hazard evaluation of the advanced development models AN/PVS-6, mini-laser rangefinder	1979
19800080335	Tooth engagement friction in a harmonic drive	1979
19800080336	Fluid contamination effects on the wear of PTFE-containing dry bearing liners	1979
19800080338	High strength steel weldment subcritical cracking program, base line study phase. Charpy 5-notched specimens for indexing stress corrosion cracking in HV-ship steels and weld metals	1979
19800080348	Updating topographic maps with space photography	1979
19800080349	Aerial photography at TsNIIGAiK (the Central Scientific Research Institute of Geodesy, aerial photography and cartography)	1979
19800080351	Efficiency of solar generators based on present-day thermoelectric materials	1979
19800080352	Government support for solar energy: Is it enough?	1979
19800080353	A lithium replacement for the nickel cadmium MC1605B DAL equipment battery	1979
19800080355	Engineering psychology	1979
19800080356	Psychological problems of character data processing	1979
19800080358	General purpose computers embedded in systems	1979
19800080360	Analog frame store memory	1979
19800080361	Guidance and control simulation notebook. Part 1. User's and maintenance manual, revision	1979
19800080364	Manufacturing Methods and Technology (MM and T) for 18-MM third generation, 0.9 micron wafer intensifier tubes	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080370	Optics-to-radar handover investigation (U)	1979
19800080372	Gas discharge at high pressures initiated by a beam of fast electrons	1979
19800080373	Study of wavelength conversion concept	1979
19800080374	Nonradiative transmission of excitation energy between trivalent rare earth ions in crystals	1979
19800080375	Advanced hardened mosaic technology. Volume 2: Mosaic hardening support	1979
19800080378	Fuzz/warhead technology study (U)	1979
19800080379	Plasma wave experiment for the ISEE-C (heliocentric) missions	1979
19800080382	Wind tunnel tests of a 1/9-scale model with aeroelastically tailored wings 4 4 at mach numbers from 0.60 to 1.20	1979
19800080383	Wind tunnel tests on the 1/9-scale AFTI-16 pressure model at mach numbers from 0.60 to 1.50	1979
19800080384	Objective/study of damping devices bertin for parachuting equipment	1979
19800080385	The effects of wall-to-total temperature ratio on shock wave turbulent boundary layer interactions at transonic speeds	1979
19800080392	Test loading, UH-60A Blackhawk helicopter C-5 A	1979
19800080394	Combined environment reliability test of the common strategic doppler	1979
19800080395	AV-8B preliminary electrical loads analysis	1979
19800080399	F-4 response to ground induced loads	1979
19800080400	Surveillance: Air Force service-returned M4 canopy remover	1979
19800080402	Investigation of the impact of specification mil-a-83444, airplane damage tolerance requirements, on the weight and cost of the F-14 airplane	1979
19800080403	F-16 FSD built-in-test/self-test systems effectiveness evaluation	1979
19800080404	Advanced Terminal Aerial Weapon Delivery Simulation (TAWDS) program user's manual. Volume 1: Statistical (Monte Carlo) time domain computer program for evaluating aerial gunnery and air-to-surface weapon delivery effectiveness for advanced integrated aircraft weapon systems	1979
19800080405	Development test 1. Advanced development Verification Test-Government (ADVT-G) of Small Portable Analyzed Diagnostic Equipment (SPADE)	1979
19800080406	BQM4A Improved Maneuvering Performance (IMP). ADWC test plan	1979
19800080407	Evaluation of the compatibility of the A6-E tram turret-configured airplane with stores on the centerline weapon station	1979
19800080409	F-16A/B flying qualities full scale development test and evaluation, volume 1.	1979
19800080410	KC-10A advanced tanker/cargo aircraft qualification test and evaluation test plan	1979
19800080411	C-5 wing modification operational test and avaluation test plan	1979
19800080412	YAV-8B wing stress analysis report, volume 2, Revision A	1979
19800080414	Cruise missile engine prgoram contract data requirements list sequence number 95 qulification test report. Volume 3: Cold endurance testing on engine S/N 323	1979
19800080420	Dynamic analysis of a beam control support system concept for the B-52. Volume 2: Dynamic analysis	1979
19800080424	The TU-154A altitude equipment	1979
19800080425	P-3 survivability and crew cost considerations	1979
19800080426	Future V/STOL airplanes: Guidelines and Techniques for acquisition program analysis and evaluation	1979
19800080427	Flight control/flying qualities investigation for lift/cruise fan V/STOL. Volume 1: Analytical development	1979
19800080431	Qualification evaluation of Aerospace Avionics, Incorporated, P/N 702765-5, 100 VA, single-phase, static inverter	1979
19800080432	Boeing/AFTI-111 predesign 2-D airframe integrated nozzle study	1979
19800080433	Optimal guidance and thrust magnitude control for air-launched ramjet-powered missiles, volume 1	1979
19800080434	Development of improved marine gas turbine air foils using directional solidification	1979
19800080435	High bypass turbofan component development. Phase 1: Preliminary design	1979
19800080437	Structural life prediction/correlation program. Task 2: Engine component analysis. Part 2: Industry version	1979
19800080438	The TU-154A: An automatic onboard control system	1979
19800080442	In accordance with the interkosmos program, selected articles	1979
19800080443	Roll-damping and pitch-damping tests on the advanced ballistic reentry vehicle at Mach numbers 6 and 10	1979
19800080445	Advanced estimation and control concepts for air-to-air missile guidance systems	1979
19800080446	A dogleg selection algorithm	1979
19800080447	Static force tests of the MRRV hypersonic configuration at mach number 2-5	1979
19800080448	Terminal defense technology validation program. Volume 9: Sprint 2 missile subsystem	1979
19800080449	Terminal defense technology validation program. Volume 8: Program management	1979
19800080450	Terminal defense technology validation program. Volume 6. Major simulations	1979
19800080451	Terminal defense technology validation program. Volume 5: Supporting subsystems	1979
19800080452	Terminal defense technology validation program. Volume 4: Data processing subsystem	1979
19800080453	GSC/GTV program, program extension	1979
19800080454	Homing missiles	1979
19800080455	Actively controlled structures theory. Volume 1: Theory of design methods	1979
19800080460	A 100 lb ACS engine evaluation program Rocketdyne engines	1979
19800080461	TVC nozzle bench test functional evaluation	1979
19800080462	Elastomeric components for bipropellant feed systems, part 2	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080463	Static force test of the AFAPL/Hughes ducted rocket missile configuration at Mach numbers 2 to 4	1979
19800080464	Nozzle material design study	1979
19800080465	Exhaust plume gas dynamic and radiation measurements on a 500-LBF-thrust six liquid rocket engine cluster at simulated flight conditions	1979
19800080468	Propulsion technology analyses	1979
19800080469	Advanced composite engine static structures fabrication	1979
19800080470	Manufacturing technology for low-cost composite fasteners, phases 1 and 2	1979
19800080471	Ablation/erosion test of the transpiration-cooled nosetip (TCNT) for the advanced ballistic reentry vehicle	1979
19800080472	Matrix optimization for the preparation of graphite-aluminum composites	1979
19800080473	Carbon fiber electrical effects: Evaluation methodology	1979
19800080474	Strategic Missile Materials Technology (SMMT) program; braided advanced carbon frusta program	1979
19800080475	Detection of material defects in graphite reinforced aluminum	1979
19800080476	Dynamic equation of state of pan-based GE 2-2-3 nosetip material	1979
19800080477	Stress wave response of five-weave pierced-fabric nosetip material	1979
19800080478	Development of low thermal conductivity pan-based carbon fibers	1979
19800080479	Manufacturing methods for composite production integration	1979
19800080480	Carbon-carbon composite roughness development	1979
19800080482	Damage mechanisms and modeling of carbon-carbon composites	1979
19800080483	Exploratory development of optimized high pressure densification processes for carbon-carbon composites	1979
19800080484	Interlaminar shear strength of woven roving glass cloth reinforced polyester laminates	1979
19800080485	Manufacturing methods for reentry vehicle advanced composite substructure. Part 1: Program overview and nose and payload section	1979
19800080487	Metallurgy, metallography and design materials	1979
19800080489	New silicon-graphite-aluminum alloy for use in pistons in motor vehicle engines	1979
19800080490	The understanding and exploitation of alloys based on the compound TiAl (Gamma phase)	1979
19800080491	Improved high-strength aluminum armor alloys	1979
19800080492	Consolidation of blended elemental Ti-6 Al-4 V powder to near-net shapes	1979
19800080493	Evaluation of advanced single crystal superalloy compositions	1979
19800080494	Theoretical study of the deformation of a quenched steel bar	1979
19800080495	Erosion characteristics of a plasma pulse generator with a consumable electrode	1979
19800080497	TsIATIM-208 lubricant	1979
19800080498	Combined process of partial deparafinization and delubrication of solid hydrocarbons	1979
19800080499	Synthesis of some derivatives of dithioresorcin and investigation of them as lubricating oil additives	1979
19800080500	TsIATIM-221 lubricant, technical requirements	1979
19800080501	Hot isostatic pressing of structural ceramics	1979
19800080502	Cycloaliphatic epoxy compound-based coatings for protection of glass-fiber reinforced plastics	1979
19800080503	An electrocontact lubricant	1979
19800080504	Advanced ceramic materials for HF environments	1979
19800080505	Millimeter wavelength radomes	1979
19800080506	Improving the adhesion of epoxy adhesive compositions	1979
19800080508	Gasoline plus water: New fuels research at Tashkent Highway Institute	1979
19800080509	Production of low-solidification diesel fuel from pareks process denormalizates	1979
19800080510	F-5E JP-8 fuel climate evaluation	1979
19800080511	The effect of the hydrocarbon composition of diesel fuel on depressor additive efficiency	1979
19800080512	Influence of petroleum sulfides and thiophenes on the oxidizability of jet fuels	1979
19800080517	Using patent information to predict the development of air cushion vehicles used for transportation	1979
19800080518	The B-52 G/Cross Eye ECM antenna flight vibration measurements	1979
19800080520	Nonmetallic spline coupling for A-7 aircraft engine driven, low pressure fuel boost pump	1979
19800080524	Qualification operation test and evaluation AN/UPM-145 radar test set	1979
19800080525	E-3 TADIL A satellite remoting	1979
19800080526	The 16 KB/S data modem partitioning	1979
19800080527	Satnet development and operation, pluribus satellite IMP development, UNIV system development, remote site maintenance, internet development, mobile access terminal network	1979
19800080528	Superconducting microwave power sources for radar applications, phase 2. Volume 2: Device research and analysis	1979
19800080529	Dome antenna/Rotman lens study, phase 2	1979
19800080530	Spaceborne millimeter-wave antenna technology. Volume 1: Membrane reflector technology	1979
19800080532	Radome panels of slotted arrays located in a stratified dielectric medium	1979
19800080533	Radar control center of the phase 1 netted radar system	1979
19800080534	Scan-to-scan integration by means of an Interleaved Trace Correlating Display (ITCD)	1979
19800080536	Manufacturing technology for i-j band amplifier modules	1979
19800080540	Experimental study of the switching process when using a conduction type liquid-metal contact element	1979
19800080547	The effect of a transverse magnetic field on the electrical strength of pulse thyratrons	1979
19800080549	Expendable TWT manufacturing technology	1979
19800080552	Microcircuits, linear, quad differential line receivers, monolithic silicon	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080553	The 240 GHz impatt diode development	1979
19800080554	The establishment of electrical and mechanical tolerances for TWT cost reduction by experimental beam analysis in a PPM focusing system	1979
19800080558	Surface-wave magnetron	1979
19800080559	Gyrocon	1979
19800080561	Accomplished for the first time, electric power transmission line operates without interruption	1979
19800080562	For power systems - to ensure reliable operation	1979
19800080563	Semiconductor rectifiers	1979
19800080564	Transistor step stresses testing program on transistors, chopper, NPN bipolar	1979
19800080565	Diode step stress testing program on diodes, power, switch	1979
19800080566	Diode step stress testing program on diodes, switch, rectifier	1979
19800080567	Diode step stress testing program on diodes, power, switch	1979
19800080568	Diode step stress testing program on diodes, reference, zener	1979
19800080569	High power S-band transistor	1979
19800080570	Simplified method of calculating inductive storage elements	1979
19800080572	APSI/advanced exhaust nozzle test results at mach numbers from 0.6 to 1.5	1979
19800080573	Calculation of optimum underexpansion of nozzles	1979
19800080574	Methods of processing experimental data to determine the characteristics of a turbulent boundary layer	1979
19800080575	Heat exchange and hydrodynamics (selected articles)	1979
19800080576	Dimensional analysis of viscoelastic liquid behavior with considerations of scaling and simulant fluids	1979
19800080578	Dynamic calibration of pressure sensors used on engine test beds	1979
19800080579	Transparent electrophotographic process for continuous tone laser beam recording	1979
19800080580	Integrated fire control surveillance. Volume 1: Algorithm development	1979
19800080581	Integrated fire control surveillance. Volume 3: LWSPS documentation	1979
19800080582	Radiation frequencies of submillimeter band lasers with optical pumping	1979
19800080583	Measurement of atmospheric transmission at HBr and Xe laser frequencies, task 3	1979
19800080584	Laser beam diagnostic measurements at the NACL facility	1979
19800080585	Prediction of the dynamic force power spectral densities of the airborne laser laboratory gas dynamic laser	1979
19800080586	Behavior of alkali halides as materials for optical components of high power laser	1979
19800080587	Laser reflectivity measurements of snow/ice-covered targets in the Arctic region	1979
19800080588	NASA laser tracker (moblas) for the Kwajalein missile range, Pacific, April 1979	1979
19800080590	SAMSO fragment impact and observables test	1979
19800080591	Performance testing of aged grease-lubricated miniature bearings, part 2	1979
19800080593	Toughness of air-contaminated Ti-6 Al-2 Cb-1 Ta/0.8 Mo welds	1979
19800080594	Self-lubricating composite bearing materials. Part 1: Development of a high load, high temperature, self-lubricating composite	1979
19800080596	Twentieth anniversary of the welding section of the Kuybyshev Oblast Administration of the Mashprom Scientific-Technical Society	1979
19800080602	Photogrammetry in the national economy	1979
19800080604	An MHD experiment in determining the magnetic susceptibility of rock in its natural bedding	1979
19800080605	Total longitudinal conductance of the water envelope and the sedimentary cover of the Earth	1979
19800080606	Procedure for evaluating the effectiveness automatic methods of obtaining and primary processing of hydrometeorological information	1979
19800080607	Space-time modelling of atmospheric aerosol attenuation	1979
19800080608	Collaboration between meteorologists of the socialist countries in investigations of atmospheric contamination	1979
19800080609	Probability forecasting of human performance	1979
19800080610	Aircraft environmental control system commonality study	1979
19800080611	Attention: We are turning on dialog	1979
19800080612	Experience with the sharing system POLRAX	1979
19800080613	VAREA2 computer program; user manual	1979
19800080614	Pulse accelerator of charged particles	1979
19800080615	Advanced Infrared Imaging Seeker (AI2S)development program	1979
19800080616	Cyclops, attachment a	1979
19800080617	The 2T series optical theodolites	1979
19800080618	Device for producing images	1979
19800080619	A phenomenological theory of the negative glow of anomalous glow discharges considering volume recombination	1979
19800080621	A method of decorative etching for optical phase analysis of SiGe solid solutions of various composition	1979
19800080622	Gigahertz SOS technology	1979
19800080623	Experimental investigations of liquid crystals, part 1	1979
19800080624	Transient radiation effects in silicon and gallium arsenide devices	1979
19800080625	High-speed CMOS/SOS technology	1979
19800080626	Independent research and independent exploratory development	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080627	A wind tunnel test to determine the aerodynamic loads and separation characteristics of the MK-82 LDGP and CBU-58/B stores released from the MSER-4 rack on the A-10 F-15 or F-16 aircraft	1979
19800080628	The aerodynamic characteristics and store-ejector rack loads of the 1/20-scale A-10 and F-16 aircraft models configured with several multiple store ejector rack MSER store loadings	1979
19800080629	Evaluation of the 73-foot diameter paraform recovery parachute system	1979
19800080630	Aerodynamic characteristics of a generalized aircraft model at Mach numbers 0.7 to 1.05	1979
19800080631	Static force tests of the parasol wing aircraft at mach numbers 1.5 to 4.5, addendum	1979
19800080632	Study of optimum forms and flow around bodies moving at high supersonic rate	1979
19800080635	Fluidic event sequencing subsystem for aircrew automated escape systems, phase 4	1979
19800080636	Guidance seeker definition and analysis program	1979
19800080637	The effect of acceleration switching during INS in-flight alignment	1979
19800080639	AV-8B reliability and maintainability Status Report	1979
19800080640	AV-88 forward fuselage structural test plan	1979
19800080641	F-14A airplanes/TF30-P-414 single engine evaluation	1979
19800080642	First of all Aircraft	1979
19800080643	B-52 flow field/wake analysis for short Range Applied Technology program (SRAT). Volume 1: Analysis	1979
19800080644	B-52 flow field/wake analysis for Short Range Applied Technology program (SRAT). Volume 2: Computational methodology	1979
19800080645	Helicopter relative detectability test, stage 1 of joint-counteracting attack helicopter test (J-catch)	1979
19800080646	Evaluation of the compatibility of the 400-gallon sensor simulator tank with the P-3B airplane	1979
19800080647	Wing/fuselage critical component preliminary design (Grumman)	1979
19800080648	The manufacture of forging from titanium alloys by isothermal extrusion	1979
19800080649	Advanced structural design for fighter composite wind box	1979
19800080651	YAV-8B fuselage modification strength analysis report, volume 2, revision A	1979
19800080652	Systems requirements for V/STOL automatic approach and vertical landing	1979
19800080654	Aeroservoelasticity in the time domain	1979
19800080656	F100-PW-100 (3) turbine engine engineering test and evaluation. Phase 7 engine s/nFX219-19	1979
19800080657	Investigation of a non-axisymmetric nozzle using an F-18 jet effects wind tunnel model. Volume 2: Preliminary infrared evaluation	1979
19800080658	Cruise missile engine program, contract data requirements list, sequence number 95, qualification test report. Volume 18, Book 1: Engine accessory fuel control and fuel shut-off valve for the F107-WR-101, F107-WR-102, and F107-WR-400 cruise missile engines	1979
19800080659	Cruise missile engine program, contract data requirements list, sequence number 95, qualification test report. Volume 18, Book 2: Engine accessory fuel control and fuel shut-off valve for the F107-WR-101, F107-WR-102, and F107-WR-400 cruise missile engines	1979
19800080660	TF30-P-3 turboprop engine performance baseline and trending test	1979
19800080661	Data base for nonrecoverable stall investigation	1979
19800080662	ARPA/NAVAIR ceramic gas turbine engine demonstration program	1979
19800080663	Active flutter suppression on an aeroelastically tailored Himat vehicle	1979
19800080665	Flight control/flying qualities investigation for lift/cruise fan V/STOL. Volume 3: Simulator model	1979
19800080666	Adaptive control of wing/store flutter	1979
19800080667	Interim guidance for surface roughness criteria	1979
19800080668	Television system of experimental satellites	1979
19800080669	Radio observations from orbit	1979
19800080670	Radio amateur earth satellites	1979
19800080673	Free-flight drag measurements for a Sandia advanced Interim Recovery System (IRS) missile configuration	1979
19800080674	Enhanced satellite survivability experiment (ESSEX): Definition phase. Volume 2. Appendix A	1979
19800080675	Analytic approximations of X-ray deposition region coupling to missiles in flight	1979
19800080676	Assault breaker end game demonstration program. IRTGSM S/N 0005, IR seeker S/N 003	1979
19800080677	Assault breaker end game demonstration program. Seekerless TGSM S/N 0001	1979
19800080682	Wind tunnel measurements of temperature and velocity in a rocket plume at mach 13	1979
19800080683	A comparison of predicted acoustic stability with motor test data	1979
19800080684	Advanced post boost vehicle propulsion feed system	1979
19800080685	Analysis of pitch fiber C-C ablation ground test data	1979
19800080686	Thirty-five authors certificates	1979
19800080688	Strength properties of bimetallic molybdenum-tungsten composite materials	1979
19800080689	Causes of reduction of the strength of carbon fibers, whiskered by means of threadlike silicon crystals	1979
19800080690	Staple rayon tape-wrapped carbon phenolic validation. Phase 1: Mechanical equation of state	1979
19800080691	Beginning and propagation of combustion in metal powders in nonstationary supersonic flows	1979
19800080692	Thermodynamic and thermophysical properties of combustion products	1979
19800080693	Combustion in a premixed coaxial turbulent jet	1979
19800080694	Characterization of fretting corrosion in shrink-fit collar/shaft assemblies	1979
19800080695	Natural aging and sensitizing of 5000-series marine aluminum alloys	1979
19800080697	Cast bimetallic machine parts, (selected articles)	1979
19800080698	Physics and chemistry of processing of materials (selected articles)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080701	Correlation of rupture life, creep rate, and microstructure for type 304 stainless steel	1979
19800080702	Nitrate film testing for the National Archives. December 1978 fire investigation	1979
19800080705	Organotin preservatives for wood structures	1979
19800080706	Qualification of MIL-L-23699C aircraft turbine engine oil, Mobil RM 254A	1979
19800080707	New bulgarian oils for hydraulic devices	1979
19800080708	Study of the process of electrodesalination with combined processing of crude oil with waste oils	1979
19800080709	Energetic plasticizers	1979
19800080710	Comments on the stability of explosives	1979
19800080711	Relationship between the electronic structure and the impact sensitivity of secondary nitro-explosives - molecular sensitivity criteria. 1. The cases of nitroaromatics and nitramines	1979
19800080713	Possible use of waste propellant materials as fertilizers	1979
19800080716	Low burn rate propellants	1979
19800080717	Determination of the dimensions of particles of contamination in fuels and oils	1979
19800080718	Spectral distribution. 3: Ultraviolet spectra of illuminating-type pyrotechnics	1979
19800080720	High-stress tactical UHF voice radio usage analysis	1979
19800080721	Automatic interference rejection for wideband SFCW OTH radar applications	1979
19800080723	Hardened serpentine antenna study/low cost frequency scan array program	1979
19800080724	Analog processor for embedded array radar	1979
19800080725	Dispersively scanned antenna	1979
19800080726	VMDI antenna pattern measurements	1979
19800080728	Spaceborne millimeter-wave antenna technology. Volume 2: Scan limits of large reflectors with phased array feeds	1979
19800080729	Phase 1 high accuracy multiple object tracking system performance test	1979
19800080730	UHF transmitter study for reduction of close-in noise	1979
19800080731	Continuous ferrite aperture subarray study	1979
19800080732	Elimination of the dummy elements in thinned phased arrays	1979
19800080733	A display system for high level decision making	1979
19800080734	Voltage converter	1979
19800080735	A study of integrated circuit mounting techniques for improved reliability and maintainability of FAA airway facility system	1979
19800080736	Powerful pulsed electrical generators	1979
19800080737	Analysis of thematic fields in monolithic integrated circuits	1979
19800080738	Improving the unit characteristics and service life of high-frequency power capacitors	1979
19800080739	Microcircuits, linear, regulating pulse width modulators, monolithic, silicon	1979
19800080746	Electronic SHF gyrocon	1979
19800080747	High speed frequency synthesizer	1979
19800080750	Manufacturing Methods and Technology (MM and T) measure for fabrication of low noise figure ion barrier microchannel plates (LNF/MCP's)	1979
19800080751	Investigation of two terminal network volt-ampere characteristics originating in amplifiers with feedback	1979
19800080752	Nanosecond pulse generator	1979
19800080754	CMOS life suitability evaluation program	1979
19800080755	Protection against short-circuiting to ground and testing of the stator winding insulation of a block generator	1979
19800080756	High speed multielectrode spark dischargers	1979
19800080757	Traveling wave tube amplifiers thermal cycle test	1979
19800080758	The transformation of external disturbances into boundary layer waves	1979
19800080759	A Navier-Stokes solution for laminar and turbulent flow through a cascade of airfoils	1979
19800080760	Pneumatic control systems discussed	1979
19800080762	AEDC flow quality pressure fluctuations tests	1979
19800080763	Technology of imitative holography	1979
19800080764	Holographic velocity measurements of microparticles	1979
19800080765	Advanced memory technology: Solid state memory flight data recorder	1979
19800080766	The 50-MM wide-angle lens for aerial photography	1979
19800080768	CCD modular camera program	1979
19800080769	Integrated Imaging Irradiance (III) sensor study	1979
19800080770	Pulsed CO2 lasers with gas ionization by an electron beam	1979
19800080771	Numerical analysis of a turbulent diffusion-type chemical HF laser in the amplification mode	1979
19800080772	Invisible laser colors	1979
19800080773	From the track of the laser	1979
19800080774	Free electron laser experiment design study	1979
19800080775	Laser waveform analysis	1979
19800080776	On the possibility of creating a gamma laser	1979
19800080777	Measurement of high altitude HF and DF laser transmission by infrared heterodyne radiometry	1979
19800080778	Projected performance of photoinitiated pulsed chemical lasers	1979
19800080779	Small lightweight all mirror fabrication	1979
19800080780	Infrared dichroic mirrors	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080781	Soviet-American Seminar	1979
19800080783	Vacuum-compression founding device	1979
19800080784	New centrifugal oil filter design for diesel automotive engines	1979
19800080785	Ultrasonic evaluation of dissimilar-metal transition joint welds	1979
19800080794	Analytical processing methods for various aerospace photo images	1979
19800080795	Joining of the Southern Tien-Shan, the tarim platform, and the pamirs according to data from interpretation of space photographs	1979
19800080796	Data bank of coordinates for triangulation points	1979
19800080797	Experience in indicational interpretation of space photos of the northwest Caucasus	1979
19800080798	The Sophocle 1000 photovoltaic generator	1979
19800080799	Direct conversion of solar energy into industrially utilizable alternating current	1979
19800080800	Manufacturing methods for lithium batteries	1979
19800080801	Methods and apparatus for measuring temperature and its fluctuations in the boundary layer of the atmosphere from planes	1979
19800080802	The comparison of data of model and natural measurements of radiation absorption in the 8-13 micrometers atmospheric transmission window	1979
19800080804	Characteristics and skills of successful pilots: A better method of selecting Air Force pilots	1979
19800080805	Concept evaluation of goggles, sun, wind, and dust: Product improved	1979
19800080806	Prototype high altitude flying outfit, phase 1	1979
19800080807	Magnetic domain logics and memories	1979
19800080808	Evaluation of control theoretic methodology applied to the BMD problem	1979
19800080810	A manual for general least squares model fitting	1979
19800080811	Methods of atomization of a liquid by acoustic oscillations	1979
19800080812	Approximate equations for the propagation of strong acoustic signals in the ocean	1979
19800080813	Feasibility of electron beam probing by coherent optical scattering	1979
19800080814	Some effect of beam space charge in superconducting cyclic accelerators and storage rings	1979
19800080815	Optical studies of thulium sesquichalcogenides	1979
19800080817	Sandwich-type FLIR windows	1979
19800080818	High-resolution infrared signature measurements	1979
19800080819	Simulation of an automatic infrared target acquisition system in a ground-to-ground mode	1979
19800080820	Ionization instability of a plasma with hot electrodes	1979
19800080821	Faraday-type MHD channel with essentially non-equilibrium plasma	1979
19800080824	Experimental investigations of liquid crystals, part 2	1979
19800080825	Achievements and problems in the spectroscopy of the stimulated radiation of activated crystals	1979
19800080827	The Fifteenth ASEE-NASA Summer Research Program	1979
19800080828	The Sixteenth ASEE-NASA Summer Research Program	1979
19800080835	Reports of Academy of Sciences of the Belorussian SSR (selected articles)	1979
19800080836	Center for aviation science	1979
19800080840	pitch-and yaw-damping tests of the AFATL aerodynamic data correlation model at Mach numbers 1.75 to 3.0	1979
19800080845	Separation characteristics of various stores from the A-10 aircraft and operation of the 1/20-scale air-actuated pylon assembly	1979
19800080846	Soft landing of loads by parachute	1979
19800080847	Studies in transonic aerodynamic interference	1979
19800080851	Polymer reinforcing fibers	1979
19800080852	Wind tunnel tests of the performance technology program. Phase 2: GE vehicle at Mach 8. Phase 3: Heat transfer tests	1979
19800080853	Parametric static stability tests of large bluntness ratio biconics at Mach number 2, 4, and 8	1979
19800080860	Navy-held underseat rocket motor mark 92 mod o surveillance evaluation	1979
19800080862	New strategic airlift concepts. Volume 5: Cost analysis	1979
19800080863	New strategic airlift concepts. Volume 1: Summary	1979
19800080864	New strategic airlift concepts. Volume 2: Configuration analysis	1979
19800080865	New strategic airlift concepts. Volume 3: Risk analysis	1979
19800080866	Manual landings in category 3 conditions	1979
19800080867	An electronic aid for the controller	1979
19800080868	Flight tests of the Honeywell Incorporated, H-478/H-700 inertial guidance systems	1979
19800080870	Geometric reference preparation	1979
19800080871	Test and evaluation of VIR-31A VOR-ILS navigation and VHF-20B communication sets installed in CH/RH-53D aircraft	1979
19800080872	Development test 3 of lightweight Doppler navigation set AN/ASN-128	1979
19800080873	Tactical global positioning system guidance evaluation, volume 1	1979
19800080874	GPS high anti-jam performance analysis	1979
19800080875	Laboratory test of the strapdown accelerometer investigation	1979
19800080880	Pilot investigation of a remotely piloted vehicle remote operator's station. Volume 2: Flight test report	1979
19800080882	Wing/fuselage critical component development program, preliminary structural design phase	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080883	Engineering investigation into the A-4 aircraft "G" limiter switch as described in beneficial suggestion number 2-7 T, control number 1 A-79-351-M	1979
19800080884	Multi-Mission Recovery Vehicle (MMRV)	1979
19800080885	MIG-23 Flogger: Its performance and significance	1979
19800080886	B-1 advanced weapon conceptual design study. Volume 2: Wind tunnel test on 0.036 scale B-1	1979
19800080887	Structural Technology Evaluation Program (STEP), volume 1	1979
19800080889	Experimental definition of top mounted inlet flow fields, volume 1	1979
19800080890	Advanced conventional standoff missile ACSM study. Volume 4: Cost analysis	1979
19800080892	A-6E aircraft/AQM-37A target missile air launch system assembly and installation	1979
19800080893	CH-53E rotor blade failure investigation	1979
19800080894	F-16/B high angle of attack evaluation	1979
19800080906	Tests of the standard and seven experimental GAU-8/A gun barrels	1979
19800080907	Piezomotor application to an ejector unit	1979
19800080908	C-130 Container Delivery System (CDS) enhancement	1979
19800080910	A-4M structural appraisal of fatigue effects, volume 1	1979
19800080911	A-4M structural appraisal of fatigue effects, volume 2	1979
19800080912	F-15 pressure and vibration loads measurement program. Volume 3: Flight measurement test	1979
19800080913	F-15 pressure and vibration loads measurement program. Volume 2: Wind tunnel test	1979
19800080914	Advanced Terminal Aerial Weapon Delivery Simulation (TAWDS) program user's manual. Volume 2: Use of the AFFDL frequency domain (TAWDS) computer program with the AFFDL time domain (TAWDS) computer program	1979
19800080915	Advanced Terminal Aerial Weapon Delivery Simulation (TAWDS) program software manual. Volume 4: Listing of time domain program	1979
19800080919	YAV-8B Harrier electromagnetic immunity and flight test program. Fiber optic components are shown to be flight worthy and immune to EMI in VSTOL aircraft environment	1979
19800080920	Heat pipe thermal control for modular avionics packaging	1979
19800080921	Limited flight evaluation of a helmet-mounted tactical maneuvering display system in the NT-38A aircraft	1979
19800080922	USAFE air combat maneuvering instrumentation system acceptance test	1979
19800080923	Doppler MLS trials at Montreal (Dorval) Airport, April 1978	1979
19800080924	Reduced-cost turbine engine concepts program	1979
19800080925	Heat-resistant diffusion coatings of the blades of gas turbine engines	1979
19800080926	Performance evaluation of a production F100-PW-100(3) turbofan engine with a proximate splitter installed (Engine S/N P680969-11)	1979
19800080928	Analysis of nonaxisymmetric nozzles installed on a high performance tactical fighter	1979
19800080929	From the first turbojets	1979
19800080930	F100 turbofan engine accident investigation procedures	1979
19800080934	Cruise missile engine program contract data requirements list. Sequence number 100. Nuclear survivability test report	1979
19800080935	Manufacturing methods for low cost nonrotating titanium engine components	1979
19800080936	Ramjet inlet/combustor pulsations study	1979
19800080937	Feasibility and cost benefits of trimming the USAF F-4/J79 fleet to a computed thrust	1979
19800080939	AV-8B Digital and analog computer program report	1979
19800080941	Strength-flutter structural optimization of a supersonic cruise combat aircraft	1979
19800080942	Monitoring the dust content in clean rooms using an electroinduction dust counter	1979
19800080943	Digital subsystem simulator study	1979
19800080946	Piloted air combat analysis model user's manual	1979
19800080948	Pulsed wind tunnels in aerodynamic investigations	1979
19800080951	Technical news (selected articles)	1979
19800080952	Static-force and moment tests of several biconic vehicle configurations at Mach 10	1979
19800080954	Phoenix AIM-54A missile flight-test simulation design: Utilizes method of equivalent moments	1979
19800080955	Meteors that watch the Earth	1979
19800080956	Subsonic Advanced Conventional Standoff Missile ACSM. Volume 3: Cost	1979
19800080957	Modification and test program for the volume scan transmitter/receiver module brassboard, an integral part of the missile attitude measure system	1979
19800080958	Conceptual design and analysis of a rocket propelled boost-liftstand-off missile. Volume 1. Executive summary design study	1979
19800080959	Conceptual design and analysis of a rocket-propelled boost-liftstand-off missile. Volume 2. Missile design and cost analysis design study	1979
19800080961	Spin-stabilized guided projectile: A new concept	1979
19800080962	ILS3 simulation overview and preliminary user's guide	1979
19800080963	Patriot. Volume 1: Engineering development summary report	1979
19800080964	Static force and pressure tests of an Army/MMO shroud separation concept at Mach 8.0	1979
19800080968	Use of a Uniform Telemetry System (UTMS) in the framework of intercosmic cooperation	1979
19800080969	Special devices and storage of telemetry information in an experiment with the interkosmos-10 satellite	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
1980080970	Shock tube IR signature and band strength measurements of important boron-species radiators in advanced propellant plumes	1979
1980080971	Injection molded precision columbium rocket engine components	1979
1980080972	Random probability techniques for rocket motor service life prediction. Part 1: Thermal stresses and strains induced by ambient temperature, solar radiation and wind effects	1979
1980080973	Propellant grain with nozzle assembly (C/CAN program)	1979
1980080977	CKU-5/A rocket catapult type-life evaluation	1979
1980080979	Reusable Aerodynamic Space Vehicle (RASV) propulsion	1979
1980080980	Fabrication of graphite-aluminum hat section structural members by pultrusion	1979
1980080981	Influence of reinforcement and construction parameters on the subsonic rain erosion response of composite and honeycomb structures	1979
1980080982	Design, analysis, and testing of advanced metal matrix composites for FBM applications	1979
1980080983	Fibers with improved surface characteristics and internal fine structure	1979
1980080984	The thermal, mechanical and nondestructive characterization of the Low Trim Angle Nosetip (LTANT) material systems	1979
1980080985	Sensor window material design study	1979
1980080986	Survivable composite structure for combat aircraft	1979
1980080987	Metal matrix materials composites for Naval Systems	1979
1980080988	Structural composites fabrication guide	1979
1980080989	Electrochemical study of liquid sulfur dioxide. 1: Determination of the domain of electroactivity of the solvent and study of the behavior of quaternary ammonium halogens and halides in the medium	1979
1980080992	Steel profile	1979
1980080993	Some aspects of titanium alloy powder metallurgy	1979
1980080994	Metallic coating development and evaluation program	1979
1980080995	Multilayer heterogeneous ingot	1979
1980080996	Built-up Low-cost Advanced Titanium Structures (BLATS)	1979
1980080997	Built-up low cost advanced titanium structures (Blats)	1979
1980080998	Radiation phenomena from hypervelocity impact of aluminum alloy spheres on aluminum targets	1979
1980080999	Elastomeric diaphragms	1979
1980081000	Qualification of MIL-L-23699C aircraft turbine engine oil, Royal D-758	1979
1980081001	The 2, 2 prime, 3, 3 prime - tetrachloro-6,6 prime-diquinoxaliny oxide as a monomer for thermostable polymers	1979
1980081002	The efficiency of using polymers for Azlk automobiles	1979
1980081003	Nonspecular coatings	1979
1980081004	Advanced optical ceramics	1979
1980081005	The thermochemical properties of epoxy and aniline-phenol-formaldehyde resin compositions with kapron and viscose fibers	1979
1980081006	Metal-to-metal adhesive bonding, weld bonding, and stud bonding	1979
1980081007	Technology of manufacture of articles from plastics (excerpts)	1979
1980081008	Development of improved electrodeposited corrosion inhibiting primers	1979
1980081009	The synthesis of high-molecular antioxidants by the alkylation of secondary aromatic amines with butadiene and isoprene polymers and copolymers	1979
1980081010	Synthesis of vinyl-terminated FASIL polymers	1979
1980081011	Chemical and physical properties of lubricants and hydraulic fluids	1979
1980081012	High fluence, thermal flash resistant polymeric coatings	1979
1980081013	Low cost binder development	1979
1980081014	Neutron radiographic study of liquid propellant	1979
1980081016	Combustion characteristics of fuels with antimist additives	1979
1980081018	Thermal transformation of solid carbonates fuels with high ash content	1979
1980081019	Hydrogen instead of gasoline; the development of hydrogen fuel technology for motor vehicles	1979
1980081020	HMX propellant combustion studies	1979
1980081022	The status of coal hydrogenation research	1979
1980081023	The production of liquid products from coal	1979
1980081024	Forging and stamping, selected articles	1979
1980081025	Reference manual for construction on permafrost soils	1979
1980081026	Component development for a five-year Vuilleumier (Vm) cryocooler	1979
1980081027	Manufacturing methods and technology for the establishment of production techniques for a split-cycle Stirling cryogenic cooler	1979
1980081028	Adaptive array radar signal processor study	1979
1980081029	Revised specification DEB 1 restoral system	1979
1980081030	HF/UHF ECM/ELINT high power directional rotary-wing aircraft antenna	1979
1980081031	Design of a metallized radome for the C-140 aircraft	1979
1980081032	Product improvement test of tropospheric scatter tactical communications system (AN/TRC-172)	1979
1980081034	Fin and canard antenna feasibility study	1979
1980081036	Technical support for the Conus OTH-B experimental radar system	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081037	On the problem of detecting signals in the presence frequency modulated interference in the HF band	1979
19800081038	Feasibility study for suitability of the AN/ASC-26 in a radio retransmission role aboard OV-10 and KC-130 combat support aircraft	1979
19800081039	Dual frequency Satcom antenna system	1979
19800081040	Long line, high data rate fiber optic communication system	1979
19800081041	Electromagnetic compatibility study of a proposed UHF satellite earth terminal at Ramstein AFB, Germany, and Chievres AB, Belgium	1979
19800081042	Joint service initial operational test and evaluation plan for the tri-TAC, AN/TRC-170 tropospheric scatter radio terminal	1979
19800081043	Coding techniques to reduce ionospheric scintillation effects on Afsatcom dual modem	1979
19800081044	Meteorological factors affecting AN/TRC-97A tropospheric scatter communications	1979
19800081046	Low cost coherent radar power source	1979
19800081052	Transistor step stress testing program on transistors, power, NPN, bipolar	1979
19800081053	Radiation effects in semi-conducting instruments (selected pages)	1979
19800081058	Expendable TWT manufacturing technology	1979
19800081059	High efficiency ECM traveling wave tube	1979
19800081060	A method of non-contact commutation of capacitors	1979
19800081061	Pulse power system for an electron source	1979
19800081062	Manufacturing technology for E-H band amplifier	1979
19800081063	Problems of diffraction electronics	1979
19800081064	The thermal operational mode of a thermoinductive cathode in a high voltage rectifier	1979
19800081065	Analog PCB tester requirements for Air Force systems	1979
19800081066	Advanced electron device technology	1979
19800081067	High speed high-density CMOS/SOS technology development	1979
19800081068	Increasing the operating efficiency of diffraction radiation oscillators with magnetic focusing	1979
19800081069	Superconducting materials in modern technology	1979
19800081070	Millimeter wave integrated circuits	1979
19800081080	K-band low noise GaAs FET	1979
19800081081	Boundary layer ground tests program. Volume 1: Free jet radiance test	1979
19800081083	SG-3 geodetic phototachymeter	1979
19800081084	The method of the photography in a semiconductor conductographic system with a P-n junction	1979
19800081085	A comparison of selected image enhancement algorithms for CI images	1979
19800081086	Investigation of gyroinertial meters that use the working medium of hydraulic or pneumatic automatic control systems	1979
19800081087	Initial production test of radar chronograph, XM90	1979
19800081088	Laser digest: Spring 1979	1979
19800081089	Gasdynamic laser with thermal dumping on transitions between deformation and symmetric modes of CO ₂	1979
19800081091	Hazard evaluation of the submillimeter wave laser range and the Army Missile Optical Range, Redstone Arsenal, Alabama, 8 May 1979	1979
19800081092	Visible laser technology program and high average power technology development	1979
19800081093	Laser waveform analysis	1979
19800081094	Pulsed IR xenon laser	1979
19800081096	Chemical laser system conceptual design study, part 2	1979
19800081097	Large Aperture Components Installation and Check Out	1979
19800081100	High-energy laser systems cost model (CALIPER 2). Volume 3. Users manual	1979
19800081101	Laser beam control concepts and analysis	1979
19800081106	In the coordination council on welding	1979
19800081107	Scientific-technical conference on the efficiency of the mechanization of production of welded construction	1979
19800081108	Plume temperature estimates using high resolution 0.1 cm ⁻¹ spectral measurements	1979
19800081110	Increasing the power of diesel engines by gasoline enrichment of the air	1979
19800081111	Development of laser welding techniques for joining armor	1979
19800081114	Nonasbestos alternatives for asbestos packing and gasket materials	1979
19800081117	Paint and lacquer materials. Methods for the abrasion testing of coatings	1979
19800081119	Application of the BOSOR 4 program to stiffened shells on axial elastic restraints and eccentric supports	1979
19800081120	Optimization of orthotropic, non-linear, ring-stiffened cylindrical shells under external hydrostatic pressure as applied to NMC materials	1979
19800081121	Transitional processes during the compression of cylindrical shells in a strong magnetic field	1979
19800081123	Some results of investigating stress wave-crack interaction	1979
19800081124	Analytical response prediction methodology developments damped pipes	1979
19800081150	Ninety-element aircraft pushbroom focal plane	1979
19800081151	Time characteristics of a system for observing satellites	1979
19800081152	Optical-mechanical scanners for the observation of the earth	1979
19800081153	The fiftieth anniversary of the Central Scientific Institute of Geodesy, Aerial Photography and Cartography imeni F. N. Krasovskiy	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081154	Some experience in interpreting aerospace multispectral photographs taken of the German Democratic Republic	1979
19800081155	Tactical Air Reconnaissance Pod System (TARPS). R and M PASU update	1979
19800081157	Experimental study to develop a definition of ground based solar cell generators	1979
19800081158	Development of high temperature-resistant solar energy	1979
19800081162	A chemical and physical characterization of calcium and barium chromates and thermal cell performance of calcium chromates, part 2 and 3	1979
19800081164	Air filter models for carbon fiber environment	1979
19800081165	Preliminary estimation of accuracy of the data obtained from remote sounding of atmosphere from a satellite	1979
19800081166	Influence of the structure of the surface layer of the atmosphere and the boundary condition on the value of dosage and density of precipitation of an aerosol admixture	1979
19800081167	Quantitative dependence of atmospheric contamination on meteorological factors	1979
19800081168	Will we be able to control the rain?	1979
19800081169	Variations in the climate of Siberia and a climatic background forecast	1979
19800081170	Frequency and distribution of heavy rainfalls in the GDR	1979
19800081171	Yearly fluctuations in fog frequency at German commercial airports	1979
19800081175	Oceanographic systems program	1979
19800081176	Born for takeoff	1979
19800081177	Operational test and evaluation of C-141 in-flight crew rest	1979
19800081178	Human factors test and evaluation of F-16 FSD maintenance	1979
19800081179	CSU-13C/P anti-G suit	1979
19800081182	Mission Operability Assessment Technique: A system evaluation methodology	1979
19800081183	Protective clothing	1979
19800081184	Evaluation of HGU-33/P helmet and MBU-14A/P oxygen mask incorporating electret microphone and high impedance earphones	1979
19800081189	Description of the file program, revision 1.	1979
19800081190	Applicability of modular missile borne	1979
19800081191	Computers, relay race of generations	1979
19800081192	Design of digital equipment at the Research Institute of the Electrical Energy Industry (VEIKI) using the INTEL 8080a microprocessor and the 8000 circuit family, part 2	1979
19800081193	Optical data storage, displays and beam steering using the photorefractive and piezoelectric effects	1979
19800081194	Advanced memory technology - solid state memory flight data recorder	1979
19800081195	Multiprocessor remote-control computer complexes using microprocessors	1979
19800081196	Discrete walsh transforms and their application to control system design	1979
19800081197	Boundary value problem of exterior ballistics standardized approach	1979
19800081198	Soviet press, selected translations. The Soviet awareness red eagle reader	1979
19800081205	Pulse power system for a linear accelerator of electrons	1979
19800081206	Electron model of a cycle accelerator with a superpowerful driving magnetic field	1979
19800081207	Study and development of key elements of a high repetition rate, high energy pulse system	1979
19800081208	Numerical optical data processor	1979
19800081209	Airborne infrared transmissometer source	1979
19800081210	Polarimetry of mixtures of optically active materials, especially carbohydrates	1979
19800081211	Optical compensation for field-of-view distortion in a staring sensor	1979
19800081212	Cyclops	1979
19800081214	Long life goggle tube product improvement program for AN/PVS-5, volume 1	1979
19800081215	Long life goggle tube product improvement program for AN/PVS-5, volume 2	1979
19800081216	Semiconductor compounds of a IIA-VB	1979
19800081217	Radiation hardened MOS/SOS A/D conversion technology	1979
19800081218	Investigation of trimetal material growth	1979
19800081219	Studies of indium-doped silicon	1979
19800081220	Postdoctoral and senior resident research associateship program for the National Aeronautics and Space Administration	1979
19800081222	Solar EUV flux-data analysis for EUVS experiments on the AE-satellites	1979
19800081223	Galactic cosmic-ray intensity to a heliocentric distance of 18 AU	1979
19800081224	AEDC Fiscal year 1978 research and technology program synopsis	1979
19800081225	Annual Progress Report, 1979	1979
19800081229	A technical evaluation report for the Symposium on Aerodynamic Characteristics of Controls	1979
19800081231	Aerostatic aircraft	1979
19800081243	The aerodynamic characteristics and store ejector rack loads of the 1/20 scale F-16 aircraft model with several external store loadings	1979
19800081245	Experimental investigations of Pressure pulsations in a flow and on the wall of a working unit of two aerodynamic tubes in a range of numbers 0M or equal to 4.0	1979
19800081251	Static force and oil flow visualization tests of aerodynamic configured missiles at Mach number 2.5 to 5	1979
19800081253	Status Report on the TU-154A airliner	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081254	New strategic airlift concepts. Volume 4: Theater analysis	1979
19800081258	New strategic airlift concepts study. Volume 2: Study description and results	1979
19800081259	New strategic airlift concepts study. Volume 3: Appendixes	1979
19800081260	P-3C integrated navigation study. Phase 1: Optimal filter simulation	1979
19800081261	A technical evaluation of the trimodal beacon collision avoidance system	1979
19800081262	Automatic landing trials at Berne (Belp) airport using Doppler microwave landing system guidance, December 1977	1979
19800081263	Relative bearing of threats in an air traffic melee	1979
19800081264	On imposing a preferred route on off-route air traffic and the implications for ATC	1979
19800081266	Reference systems technology development, volume 1	1979
19800081267	Navy high performance tactical aircraft compatibility with the National Microwave Landing System (MLS)	1979
19800081268	AN-24	1979
19800081269	AV-8B reliability and maintainability program plan, revision A	1979
19800081276	Static ejection test of the modified MAU-50/A confirmed with a Remotely-Controlled Rotary Orifice System (RCROS)	1979
19800081278	Logistics service test, bumping noise in nose landing gear during taxi/turns	1979
19800081279	Surveillance platform stability analysis	1979
19800081283	Forward swept wing static aeroelasticity	1979
19800081284	Cruise missile path optimization, phase 1	1979
19800081289	AV-8B development transition program trade study report	1979
19800081290	AV-8B reliability and maintainability program plan, revision B	1979
19800081294	Automated assembly drilling for A-10	1979
19800081295	Potential control/display configurations for helicopter terminal operations	1979
19800081296	Operational test 2 of the high performance utility helicopter hoist	1979
19800081297	Ballistic vulnerability reduction tests conducted on AH-1G and AH-1S tail booms	1979
19800081298	Investigations of the VEO-wing concept in an air-to-ground role	1979
19800081299	Final development of a prototype replaceable tread tire for C-130 aircraft	1979
19800081300	H-3 composite main rotor blade development	1979
19800081301	Operational evaluation of the CH-53E heavy lift transport/assault helicopter system	1979
19800081306	High accuracy cruise missile terminal guidance system	1979
19800081307	The prediction of quantitative characteristics of aircraft icing	1979
19800081308	Advanced Terminal Aerial Weapon Delivery Simulation (TAWDS) program software manual. Volume 5. Listing of frequency domain program	1979
19800081309	Advanced Terminal Aerial Weapon Delivery Stimulation (TAWDS) program. Volume 1: Software manual for advanced TAWDS time domain program	1979
19800081310	Aircraft airframe cost estimation using a random coefficients model, Appendix B	1979
19800081311	Aircraft airframe cost estimation using a random coefficients model, Appendix A.	1979
19800081315	Investigation of a non-axisymmetric nozzle using an F-18 jet effects wind tunnel model. Volume 1: Wind tunnel test results	1979
19800081316	Redesign of a Rotor for a 1500 ft/sec, Transonic, High-Through-Flow, Single-Stage Axial-Flow Compressor with Low Hub/Tip Ratio	1979
19800081327	Software development and procurement procedures for future DFSC-equipped aircraft	1979
19800081328	Test results of the mechanical stability testing of the XH-2/CCR helicopter	1979
19800081331	A copy of an aircraft for flight instruction and training	1979
19800081332	The trainer helps	1979
19800081333	E-3A flight simulator. Phase 2: FOT and E	1979
19800081336	Assault breaker end game demonstration program. Seekerless TGSM S/N 0002	1979
19800081338	Titan 34D payload fairing system full-scale separation test	1979
19800081340	Reusable Aerodynamic Space Vehicle (RASV) structural weight validation. Volume 1: Body bay/wing region	1979
19800081341	Reusable Aerodynamic Space Vehicle (RASV) structural weight validation. Volume 2: Aft body pressure and engine support structure	1979
19800081342	Flight control systems of spacecrafts, chapter 7	1979
19800081345	Qualification test of three thiokol antares 3 TE-M-762 solid propellant rocket motors	1979
19800081346	Fabrication of subscale composite rocket motor cases	1979
19800081350	Developmental test of two thiokol Star 30B TE-M-700-5 solid propellant rocket motors	1979
19800081351	Qualification test of the thiokol star 27 TE-M-616-4 solid propellant rocket motor	1979
19800081353	Thermochemical investigation of composite materials based on phenolic resin binders filled with synthetic fibers	1979
19800081354	Thickness effects and fracture mechanisms in notched carbon-fibre composites	1979
19800081355	The evaluation of the virgin, tag end, and post fired properties of the candidate materials in the carbon/carbon advanced nozzle program	1979
19800081356	Material design and fabrication program and fabrication of full-scale exit cones	1979
19800081359	Compression fatigue analysis of fiber composites	1979
19800081360	Thermodynamic bases of thermochemical breakdown of water	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081364	Mechanical and thermophysical characteristics of the metal of a weld on alloys VZH98 and VZH101	1979
19800081367	Sintered construction materials (selected articles)	1979
19800081369	Gathering and analysis of data for simplified failure model	1979
19800081370	Heat-to-heat and directionality variations of elastic constants in types 304 and 316 stainless steel and 2 1/4 Cr-1 Mo steel	1979
19800081372	Dielectric relaxation in polymers	1979
19800081373	Polymerization of alkylene oxide by using diethylzinc polyhydric alcohol catalysts	1979
19800081374	Mechanisms of polymer curving and thermal degradation	1979
19800081375	The influence of additives on reversible radiation-mechanical effects in polymers	1979
19800081377	Long epoch of polymers	1979
19800081378	Plastic-Bonded Explosives (PBX) that reversibly dissociate at elevated temperatures	1979
19800081379	Thermochemistry of propellants	1979
19800081380	Aging and storage methods evaluation of reduced smoke propellants for the maverick motor	1979
19800081381	A passivation technique for boron	1979
19800081382	Propellant grain reinforcement techniques	1979
19800081383	Experimental and theoretical study of helicoidal explosive current generators with compression of the magnetic field	1979
19800081391	Plasma boundary layer effects on homing interceptor radar performance	1979
19800081392	Advanced M-ary frequency shift keying demodulation in fast fading	1979
19800081393	Applications technology satellite six communications system	1979
19800081394	Conical array pattern compilations	1979
19800081398	Gyrocon	1979
19800081399	Diode step stress testing program on diodes, reference, zener	1979
19800081400	Optimization of magnetic reversal modes in magnetic pulse generators	1979
19800081401	Manufacturing methods and technology (MM and T) measure for fabrication of thin film aluminum oxide (Al ₂ O ₃) ion barrier 18 mm microchannel plates	1979
19800081405	Technology of production of integrated circuits	1979
19800081407	Aero-optics 4 holographic flow visualization	1979
19800081409	A three-parameter method for calculating a laminar boundary layer in the presence of suction	1979
19800081410	Plane internal waves developing in stratified fluid when there is a flow around a source-runoff system	1979
19800081411	Effect of the boundary layers of a flow on the form of fine three-dimensional cavities	1979
19800081412	Approximate solution of the problem of dynamics of a rotating viscous fluid	1979
19800081414	Frequency-contrast characteristics of photographic materials in different spectral regions	1979
19800081415	Bimetallic thermometers: First article test report	1979
19800081417	Present state of high power lasers	1979
19800081418	Energy characteristics of a chemical HF laser initiated by an electron beam	1979
19800081419	High dynamic range laser energy mapping using dual gated cameras	1979
19800081420	Application of hot-spot emissions. Volume 2: Wavefront distribution sensing, thermal blooming compensation and adaptive optics control	1979
19800081421	Applications of hot-spot emissions. Volume 1: Hybrid tracking, thermal autoboresight and drift-related effects	1979
19800081423	Materials from the All-Union Conference on Organic-Dye Lasers (selected articles)	1979
19800081424	Acoustic damping study for CO ₂ laser	1979
19800081425	Laser reflectivity studies. Volume 3. Static laser radar cross section measurements of typical reentry models	1979
19800081435	Stamping and forging (selected articles)	1979
19800081436	Study and implementation of high-speed precision closed impression on die forging of aircraft parts from titanium alloys	1979
19800081437	Characteristics of an operating process with swirling charge motion in a carburetor engine	1979
19800081439	Laboratory evaluation of a closed Brayton cycle engine with a thermal energy storage heat source	1979
19800081440	Automatic control systems for technological processes (selected portions)	1979
19800081443	Basic problems in non-destructive inspection technology	1979
19800081446	Stability of elongated spheroidal shells with initial irregularities of the form	1979
19800081447	Finite deflections of a rigidly plastic, shallow, spherical shell under dynamic loading	1979
19800081448	General technical theory of thin elastic plates and mildly sloping shells	1979
19800081449	Analytical investigation of the applicability of an isochronous method for predicting creep deformations in structures at elevated temperatures	1979
19800081486	Technologic perspectives for direct conversion of solar energy	1979
19800081488	NUSCAL brassboard system test	1979
19800081489	NUSCAL brassboard battery discharge tests	1979
19800081491	Modeling of atmospheric pollution	1979
19800081492	Local geoid and gravity anomaly predictions using point masses	1979
19800081493	Interim Electro-Optics Systems Atmospheric Effects Library (E-O SAEL). Volume 2: User's manual	1979
19800081497	Experiments concerned with the effect of surface-active agents on thunderstorm clouds for the purpose of deceasing their electrical activity	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081513	The effect of reclined seating on the transmission of linear vibration to the head	1979
19800081514	Piloting complexes and the system of the aircraft control and of helicopters	1979
19800081515	Generalized Data Retrieval (GDR). Users' manual	1979
19800081516	Modular missile borne computers. Volume 1: Executive overview of MMBC phase 3	1979
19800081517	Modular missile borne computers. Volume 2: Overview of the MMBC system	1979
19800081518	Modular missile borne computers. Volume 3: MMBC lab prototype system hardware specification	1979
19800081519	Introduction to computer design of aircraft	1979
19800081520	Zoyemtron-385. Operation, programming (selected sections)	1979
19800081521	Concept and set-up of a linked computer system by utilizing the camac standard	1979
19800081522	On the internal stability of explicit, m-stage Runge-Kutta methods for large m-values	1979
19800081523	Applications of liquid magnets	1979
19800081525	The Acodac ambient noise program	1979
19800081526	Beam propagation and stability	1979
19800081527	Gasdynamic discharge light source	1979
19800081528	Evaluation of IR optics	1979
19800081529	Finite temperature effect on ray tracing near the electron cyclotron resonance	1979
19800081530	Ferroelectric films of complex metallic oxides - selected chapters	1979
19800081531	The (Hg, Cd)Te: Trapping and surface processing. Volume 1. Parts 1 and 2	1979
19800081535	Soviet military encyclopedia: Selected articles	1979
19800081536	Advanced structural repair for lower cost	1979
19800081537	Wind tunnel tests of a 1/15-scale CDAF model at Mach numbers from 0.60 to 1.50	1979
19800081539	Flying and the mind	1979
19800081540	Horizontal conflicts between aircraft on a fixed one-way route	1979
19800081541	Two-sea M version of the MIG-25 Foxbat trisonic soviet fighter	1979
19800081543	Pitch yaw and roll-damping tests of a 1/9 scale F-16A model with external stores at Mach numbers from 0.2 to 1.4	1979
19800081546	Anti-icing system for wing leading edges, fins, and stabilizers	1979
19800081548	F101-GE-100 turbofan engine continued development testing. Phase 5: Start and augmentor test	1979
19800081549	Technology for casting gas-turbine engine blades by the progressive freezing method	1979
19800081550	The helicopter as an object of control	1979
19800081558	Mastery of the space continent	1979
19800081560	Space propulsion systems. Present performance limits and applications and development trends	1979
19800081567	Plastics - selected articles	1979
19800081568	Plastics - selected articles	1979
19800081569	Plastics - selected articles	1979
19800081570	Plastics - selected articles	1979
19800081573	Antenna feeder units, part 2	1979
19800081575	Materiology in microelectronics, selected pages	1979
19800081576	An experimental investigation of a turbulent boundary layer on a flat plate with a zero pressure gradient and constant heat flux	1979
19800081577	Approximate solution of problems of the dynamics of a viscous rotating fluid	1979
19800081579	Carbon dioxide laser with SHF-Pumping	1979
19800081580	New laser concepts evaluation: Review	1979
19800081581	Certain problems involved in analyzing the operation of a gas-turbine plant using hydrogen fuel	1979
19800081582	Journal of the Society of Materials Science, selected articles	1979
19800081583	Calculation of noncircular shells	1979
19800081606	On the physical interpretation of the geoid figure disturbances in the Earth core	1979
19800081607	Measurement, illustration, and evaluation of meteorological icing parameters	1979
19800081608	Instruments and control systems (selected articles)	1979
19800081609	Modular missile borne computer. Volume 7B: MMBC system software and software tools, phase 3	1979
19800081610	Modular Missile Borne Computer. Volume 7A: MMBC system software and software tools	1979
19800081611	Components of memory units on metal-dielectric-semiconductor units	1979
19800081613	Control of an optical beam in space	1979
19800081614	Optical data storage, displays and beam steering using the photorefractive and piezoelectric effects	1979
19800081616	Evaluation of the scientific level of fundamental research methodological principles	1979
19800081621	The new year's exhibition	1979
19800081623	Separating and nonseparating flow of an ideal fluid about thin wings, part 2	1979
19800081624	Calculation of pressure distribution along thin wings in a supersonic flow	1979
19800081627	Wind tunnel tests of the performance technology program. Phase 2: GE vehicle at Mach 8. Phase 1. Pressure tests	1979
19800081628	A local method of aerodynamic design in rarefied gas	1979
19800081644	Hypersonic aerodynamic heating of fine particles ejected from a conical model	1979
19800081647	Design of circular platform for peripheral jet air cushion vehicle	1979
19800081648	Advanced fire extinguishers for aircraft habitable compartments	1979
19800081650	Bird impact testing of laminated transparencies for the F-111 aircraft	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081653	Computer-Aided digital autopilot design and analysis: Methodology, Implementation, and Verification	1979
19800081654	Pilotage and communication	1979
19800081655	Flight operation of radio navigational equipment	1979
19800081658	Strapdown laser gyro evaluator. Part 2: Preliminary design specification	1979
19800081663	Separation characteristics of the LAU-3 C/A rocket launcher and GBU-12 B/B bomb from the F-16 aircraft at Mach numbers from 0.60 to 1.20	1979
19800081666	Nose and main landing gear drop tests. Increased ply-rated tires on models RU-21 H and U-21 G	1979
19800081667	Relying on strategic cruise missiles	1979
19800081683	TAV-8B aircraft description report	1979
19800081684	Variable-geometry aircraft	1979
19800081686	B-1 air vehicle landing and deceleration systems for a 395,000 lb maximum taxi design gross weight	1979
19800081690	TA-4F/J structural appraisal of fatigue effects, volume 1	1979
19800081691	TA-4F/J structural appraisal of fatigue effects, volume 2	1979
19800081692	TA-4F/J structural appraisal of fatigue effects, volume 3	1979
19800081695	Evaluation of the multicarriage bomb rack jettison computer simulation technique. Volume 2: Trajectory comparisons	1979
19800081699	Dynamics of VTOL aircraft	1979
19800081706	Turbine performance evaluation of a modified block 76/77 TF41-a-1 turbofan engine (SN 142118/4)	1979
19800081710	F101 derivative-fighter-engine testing. Phase 1: Aeromechanical and augmentor/fan stability	1979
19800081717	Ceramic gas turbine engine demonstration program	1979
19800081720	Low cost gas generator component design, fabrication and test, phase 2	1979
19800081722	Turbines for the aerobus	1979
19800081728	Digital flight control redundancy management system development program. Volume 1: Executive summary	1979
19800081731	Space investigations carried out in the USSR in 1978	1979
19800081732	Space flight safety	1979
19800081733	Salyut-4 space laboratory	1979
19800081734	Launching of the Soviet probe Venera 11	1979
19800081739	Design technology-E program, volume 2. partA: ETI coupled erosion model theory, description, and computer user's manual	1979
19800081740	Design technology-E program, volume 2. PartB: ETI coupled erosion model, sample calculations for computer user's manual	1979
19800081748	Time-tested	1979
19800081751	Rocket forces	1979
19800081752	Summary of the production quality assurance testing of four Minuteman LGM-30G stage 3 rocket motors at simulated altitude	1979
19800081753	Summary of the research and development testing of the Chemical Systems Division's Bolt Extrusion Thrust Termination System (BETTS) at simulated altitude	1979
19800081754	Advanced booster control study. Unsteady three-dimensional subsonic flow in a solid propellant rocket motor including the effect of noise rotation. Volume 1: Theoretical development	1979
19800081755	Summary of the aging and surveillance testing of three Minuteman LGM-30G stage 3 rocket motors at simulated altitude	1979
19800081765	Propellant/bladder dispersion technology	1979
19800081770	Pneudraulic systems of engine plants with propellant rocket engines	1979
19800081774	Tests of a hypervelocity ablating cone with tungsten hexafluoride wake injection	1979
19800081775	Composite ablation performance guidance methodology charts, Supplement 1	1979
19800081776	Composite ablation performance	1979
19800081780	Chemical physics of processes of combustion and explosion	1979
19800081785	Smelting and casting of titanium alloys. Selected	1979
19800081786	Working of parts made from tungsten and its alloys	1979
19800081789	Refractory and rare metals and alloys - selected pages	1979
19800081790	ICAM mathematical modeling of sheet metal formability indices and sheet metal forming processing	1979
19800081791	Metal's secrets	1979
19800081792	The effect of vacuum treatment on the service-life properties of bearing steels	1979
19800081797	Micromechanics of polymer material breakdown	1979
19800081798	Solution processing-rodlike polymers	1979
19800081801	Plastic. Selected articles	1979
19800081802	Action mechanism of antiwear additives to oils, chapters 4 and 5	1979
19800081803	Development of PBBI laminating resin	1979
19800081805	The use of modified chemical fibers for making phenolic plastics flameproof	1979
19800081808	The effects of various factors on the catalytic activity of metals of variable valence in the progress of oxidative breakdown of styrene-butadiene rubber	1979
19800081809	Filtration of aviation oils and special liquids	1979
19800081813	Photochemistry of TNT and related nitroaromatics, part 3	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081814	Propulsion review. Solid propellant motor and gun propulsion research and exploratory development programs sponsored by the Naval Sea Systems Command	1979
19800081824	Reliability of communications	1979
19800081827	Low cost real time processor for SAR systems, Volume 1	1979
19800081830	Analysis of close-in coupling	1979
19800081834	Long distance data transmission systems (conference)	1979
19800081836	A brief investigation of (14, 2) octal codes	1979
19800081840	Field mapping data report, part 2	1979
19800081841	Field mapping data report, part 3	1979
19800081843	A computer model for aerosol scattering electromagnetic radiation	1979
19800081846	HF communication antenna modeling	1979
19800081850	Intelligence dispersion in the systems with long distance multiple access	1979
19800081853	Fundamentals of aircraft electrical equipment, part 1	1979
19800081854	Physics of semiconductors and semiconducting instruments, selected chapters	1979
19800081855	Komsomolskaya Pravda. Selected articles	1979
19800081858	Study of high-speed circuit breakers for intense currents, controlled by direct magnetic force	1979
19800081862	Crogenic electrostatics and power	1979
19800081863	Applications of elements of microelectronics in developments of plant	1979
19800081872	Nuclear hardened crystal oscillators	1979
19800081878	Investigation of a free shear layer generated by planar shock wave intersection at free-stream Mach Number 8	1979
19800081879	Use of aviation technical liquids	1979
19800081880	Effect of size and shape of stabilizer on parameters of turbulence in a closed flow	1979
19800081881	Boundary layer transition on a bionic model with low wall temperatures	1979
19800081884	Investigation of the injection of a reacting liquid and aerodynamic forces which appear on a surface streamlined with supersonic flow	1979
19800081885	Problems of gas dynamics (Aerophysical research, no. 5): Collection of scientific studies	1979
19800081886	Liquid flows...upward	1979
19800081889	Cantilever accelerometer	1979
19800081890	Development of fabrication methods for a miniature active matrix display	1979
19800081891	Nuclear magnetic resonance gyro design and test study	1979
19800081892	Series radio engineering semiconductor lasers and converters	1979
19800081893	Laser hardened materials evaluation and response characterization	1979
19800081895	Gas-dynamic laser with thermal pumping on transitions between the deformation and symmetrical modes of CO ₂	1979
19800081896	Zinc Selenide laser windows	1979
19800081899	Scanning electron microscope studies of damaged laser mirrors	1979
19800081900	Technical fluctuations in the beat frequency of an LUIS	1979
19800081901	Vibration analysis and testing of SIG-D laser inertial measuring unit on redesigned GC mounting plate	1979
19800081904	CO ₂ laser tactical sensor study	1979
19800081905	Beam control conceptual design, volume 2. Appendix H through appendix M, part 2	1979
19800081906	Beam control conceptual design. Volume 3: High efficiency grating study	1979
19800081907	Agile beam ladar	1979
19800081909	Study of the aerosol burn-off induced by a high energy laser beam	1979
19800081913	Laser welding of sheet nickel at higher speed	1979
19800081914	The possibility of controlling the quality of welded seams of aluminum pipes by the heat method	1979
19800081915	Evaluation of the quality of a joint with diffusion welding of titanium alloys	1979
19800081916	Conference of countries - members of COMECON on ultrasonic welding	1979
19800081917	Apparatus for pressure welding of metals and alloys in a state of superplasticity	1979
19800081918	Welding industry (selected articles)	1979
19800081920	The vehicle engine can still be improved. Improvements in energy utilization	1979
19800081921	Advanced engine control diagnostic integration and demonstration, phase 1	1979
19800081923	Calculation of the optimal service life of wire cables	1979
19800081924	Nondestructive evaluation in the Department of Defense, July, 1979	1979
19800081929	Experimental determination of visco-elastic characteristics	1979
19800081930	Geodesy and aerial photography	1979
19800081931	Geodesy and aerial photography	1979
19800081932	Multiband imaging program. Volume 4: Sunnyvale, California mission report	1979
19800081933	Multiband imaging program. Volume 5: Rome, New York, mission report	1979
19800081935	Airborne electronic terrain map applications study	1979
19800081936	The use of time in space geodesy	1979
19800081937	Digital correlation of data with complex exponentiation	1979
19800081938	Application of information theory to estimate the degree of terrain ruggedness	1979
19800081939	Accuracy estimate in least-squares adjustment with additional unknowns	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081940	Taking the first approximation into account in the solution of Molodenskiy's problem by the variational method	1979
19800081941	Determining the accuracy of leveling instruments	1979
19800081943	Study of current formation on the hydrogen electrode of a nickel-hydrogen storage battery	1979
19800081944	Airtight nickel-hydrogen storage battery	1979
19800081950	The development of biological indices for identifying and evaluating impacts of pollutants on freshwater ecosystems	1979
19800081951	Optical atmospheric quantities in Europe (Opaque)Data 1. From the US/FRG station, Meppen, Federal Republic of Germany, winter, 1976-1977	1979
19800081952	The planning of leveling networks for investigations of movements of the Earth's crust	1979
19800081953	A new type of meteorological forecast	1979
19800081954	Practical course according to the numerical methods of weather forecast	1979
19800081955	Calculation of the development, movement and dissipation of tropical hurricanes and chief waves created by hurricanes	1979
19800081956	The meteors' look at the Earth	1979
19800081958	Studies on the methodology of network measurement of the SO2 concentration	1979
19800081959	Indexes of the norm in laboratory animals in toxicological experimentation	1979
19800081963	The wings of aeroflot (selected articles)	1979
19800081964	Tendencies of the development of technology of microprocessor large scale integration	1979
19800081965	Assessment of the fault tolerant spaceborne computer	1979
19800081966	Magnetic bubble mass memory	1979
19800081967	Image processing architecture, phase 1	1979
19800081969	Directions of development in computer technology	1979
19800081974	Calculations of harmonics of the multigroup diffusion-theory finite-difference equations using DIF3D	1979
19800081975	Operations research (IO)	1979
19800081976	Diagnosing stationary arc discharges on the basis of light scattering	1979
19800081979	Investigation of relativistic charged particle beams with the aid of ionization brightness	1979
19800081980	Some techniques for evaluating the surface finish of X-ray	1979
19800081985	Designating Optical Tracker (DOT) probe flight program. Volume 2: Government furnished equipment/services/material	1979
19800081986	Designating Optical Tracker (DOT) probe flight program. Volume 3: Program plan	1979
19800081987	Designating Optical Tracker (DOT) probe flight program. Volume 4: Cost estimate	1979
19800081990	Steady axisymmetric plasma flows under the effect of an intrinsic magnetic field	1979
19800081991	Numerical analysis of linear theta-pinch with the peaking of current in solenoid with the aid of electric detonator foil breakers	1979
19800081993	Electro- and magneto-optics of liquid crystals	1979
19800081994	Defects and diffusion in epitaxial structures (selected chapters)	1979
19800081995	All-soviet conference on defect structures in semiconductors	1979
19800081997	Microwave nanosecond pulse burnout properties of GaAsMESFETs	1979
19800081999	Automated Data Acquisition and Processing Technology (ADAPT)	1979
19800082001	On the work experience of the Kharnov Aviation Institute in the development of invention and patent-license activity in light of the decisions of the 25th Congress of the Communist Party of the Soviet Union	1979
19800082002	Tsagi scientific notes	1979
19800082003	Tsagi scientific notes	1979
19800082005	On the wings of initiative	1979
19800082006	The trail of the legendary IL aircraft	1979
19800082008	Aviation and cosmonautics (selected articles)	1979
19800082011	Aviation in the seventies	1979
19800082012	Separating and nonseparating flow of an ideal fluid about thin wings, part 1	1979
19800082016	The Airfoot, a new method of suspension applicable to vehicles on land and water	1979
19800082019	Optimization of the flight conditions of aircraft	1979
19800082022	Technical guide for protection of aircraft from lightning	1979
19800082026	A deviation arose. Why?	1979
19800082029	Technology of fabricating honeycomb airframes	1979
19800082030	Low cost composite wing/fuselage manufacturing	1979
19800082034	Low-cost composite wing/fuselage manufacturing. Volume 1: Sections I-V	1979
19800082035	A 6E/AQM-37A single/dual missile launch system electrical description and procedures, revision A	1979
19800082039	Ground effect flying platforms	1979
19800082040	TU-154A: Aerodynamic characteristics	1979
19800082041	Ludion individual air vehicle	1979
19800082042	Some problems of the Canard arrangement	1979
19800082055	Electrical equipment and instrumentation of the aircraft I1-18, part 1	1979
19800082056	Electrical equipment and instrumentation of the aircraft I1-18, part 2	1979
19800082066	Some problems which had to be solved between the prototype state and the state of full production of an engine	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082067	The choice of design of an aircraft engine for a small transport airplane	1979
19800082068	It is stated, incorrectly, that the first Soviet jet engine was built by A. A. Mikulin with his co-workers	1979
19800082077	Design of a 1250 ft/sec, low aspect ratio, single-stage axial-flow compressor	1979
19800082078	Average flow in a turbomachine	1979
19800082079	Digital flight control redundancy management development program, volume 2	1979
19800082081	The stability of air cushion vehicles	1979
19800082084	Advances in space technology	1979
19800082085	Mission-oriented investigation and experimentation	1979
19800082091	All-weather Chaparral COMO 3 weapon deck	1979
19800082107	Bulk graphite manufacturing process	1979
19800082110	Material of inexhaustible possibilities	1979
19800082112	Preparation of BN fibers from ultra-fine powders	1979
19800082113	Advanced composite engine static structure	1979
19800082115	Composite materials on metal base	1979
19800082116	Symposium on Burning and Explosion	1979
19800082117	Influence of various end groups on light and heat-resistance of polysulfone	1979
19800082118	Cast titanium alloy parts	1979
19800082119	Statistical trend analysis of wear metal concentration measurements: Calculation of significant wear metal production rates	1979
19800082122	The platinum effect in the reduction of low temperature hot corrosion on marine gas turbine materials	1979
19800082126	Physical metallurgy of magnesium and its alloys	1979
19800082128	Micromechanics of the destruction of polymeric materials, part 1	1979
19800082129	Micromechanics of the destruction of polymeric materials, part 2	1979
19800082131	Paint materials, acceptance rules, test sampling, packing, marking, transportation and storage	1979
19800082132	EF-083 type primer	1979
19800082141	The structural theory of reinforced plastics	1979
19800082142	Synthesis and properties of aliphatic-cycloaliphatic epoxide resins	1979
19800082149	Turbulent energy balance during flow of weak polymer solutions in round pipes	1979
19800082150	Liquid and solid chemical rocket propellants	1979
19800082153	Technology of ammonium nitrate	1979
19800082156	Glance into the future	1979
19800082157	HF communication antenna modeling, appendix	1979
19800082161	Transportable satellite communications station, Mars-2M	1979
19800082162	Computer technology of data processing (selected articles)	1979
19800082169	Inductive store with electromagnetic current multiplication	1979
19800082170	Light becomes sound	1979
19800082174	Generic Agile Tracking (GAT)	1979
19800082177	Use of noise-like signals for an increase of the reliability of data-transmission systems under conditions of short-term understatings and breaks in signal level	1979
19800082178	Journal of Physics and Chemistry (selected articles)	1979
19800082180	FET power amplifier circuit evaluation	1979
19800082189	Development and study of a homopolar generator with a superconducting excitation winding	1979
19800082190	Automatically controlled FKHK-6 filter	1979
19800082191	EHF GaAs double drift impatt diodes	1979
19800082194	Electronics helps the dispatcher	1979
19800082195	Complex power switching technology circuits	1979
19800082196	Trigatron discharger	1979
19800082197	Tsagi scientific notes	1979
19800082198	Experimental study of the turbulent flow near the wall	1979
19800082199	Three-parameter method of calculating laminar boundary layer in presence of suction	1979
19800082200	Performance calculation of a convergent propulsive nozzle comparison with experiment	1979
19800082201	Calculating the temperature field in a flat wall made of a translucent material during porous cooling	1979
19800082204	Ring laser gyro technology for advanced aircraft navigation	1979
19800082207	An autograph of the morning star	1979
19800082210	Methods and instruments for measuring dust concentrations (selected chapters)	1979
19800082212	Breakdown of metallic foil with thin-film coatings by a pulsed laser	1979
19800082217	Interaction of high-power laser radiation with a plasma	1979
19800082218	Dye laser lamp pumping systems	1979
19800082219	Plasma lasers	1979
19800082220	Laser beam control concepts and analysis	1979
19800082222	Powerful superluminescent source of optical noise	1979
19800082223	Laser with adjustable frequency	1979
19800082224	Benchless laser structural model tests program	1979
19800082225	Dye lasers: New spectroscopic light sources for science and technology, part 1	1979
19800082226	Casting production (selected articles)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082227	Forging and stamping (selected articles)	1979
19800082228	Blown steel pipe	1979
19800082229	Forging and stamping (selected articles)	1979
19800082230	NKMZ- and VNIIMETMASH-developed general-purpose heavy-duty stamping presses	1979
19800082231	Forging and stamping (selected articles)	1979
19800082232	Welding production of the USSR in 1976 (statistical summary)	1979
19800082233	All-Union 8th Conference on Diffusion Welding of Metal and non-metal materials	1979
19800082234	Welding production (selected articles)	1979
19800082235	All Union Scientific-Technical Seminar: New Methods of Monitoring and Automatic Control of Welding Processes	1979
19800082237	Self-lubricating composite bearing materials. Part 2: Corrosion preventive solid lubrication of the asalm missile hydraulic actuator bearings	1979
19800082240	Effect of rheological characteristics, material temperature as well as heat- and mass exchange intensity on the kinetics of stressed state of the thin plate surface layer	1979
19800082241	Fatigue strength of materials and elements of construction at the sonic and supersonic frequencies of loading	1979
19800082242	The creep of thin shells (selected chapters)	1979
19800082260	Application of regression analysis for processing of geophysical fields and their mapping	1979
19800082261	Digital models and their use in surveying relief on land and on the sea bottom of the continental shelf	1979
19800082262	The distortion properties of the affine transformation	1979
19800082264	Zirconium powder for a rapid rise time thermal battery heat source	1979
19800082267	Manufacturing process methods and procedures for zirconium powder production for thermal battery applications	1979
19800082273	Experimental investigation of the spectral transmittance of the atmosphere in region 8-12 micrometers	1979
19800082275	Composite method of the study of the contribution of water vapor to a transmission of the atmosphere in atmospheric windows 8-13 micrometers	1979
19800082276	Atmospheric aerosol and its effect on radiation transfer	1979
19800082279	Transactions of Institute of Experimental Meteorology (selected articles)	1979
19800082281	Artificial regulating of the summer precipitation	1979
19800082282	Complex of algorithms for the calculation of lagrangian turbulence characteristics according to observations of the balanced pilots	1979
19800082290	Man in space and on Earth	1979
19800082292	Experimental psychological research in aviation and astronautics	1979
19800082294	Procedure of the estimate of pilots' efficiency and the cosmonauts	1979
19800082296	Introduction to operational system of the single computer system, chapters 2-8	1979
19800082297	Organization of a programmed system of step-matrix operations in airborne computers	1979
19800082298	Structures of electronic computers and their mathematical provision (selected articles)	1979
19800082299	The microprocessor U 808 D	1979
19800082300	Dynamic 1-K-bit memory U 253	1979
19800082302	Programming in RPG in the unified computer system	1979
19800082303	Automated control system in operation	1979
19800082304	Certain sufficient conditions of the stability of linear quasistationary systems	1979
19800082305	Numerical methods, part 1	1979
19800082306	Numerical methods, part 2	1979
19800082307	A handbook of operations research, part 1	1979
19800082308	A handbook of operations research, part 2	1979
19800082309	Magnetopressed discharge: Obtaining of superstrong magnetic fields	1979
19800082310	Retention time of the diffusing particles in a limited volume	1979
19800082311	Circular dichroism and structural shapes	1979
19800082312	Secondary electron radiation	1979
19800082313	Heavy-current pulsed electron accelerator	1979
19800082314	High-current water-line accelerators of the Institute of Nuclear Physics of the Siberian branch of the Academy of Sciences (USSR)	1979
19800082315	Feed device of the magnetic system of a synchrotron-type accelerator	1979
19800082316	Fine adjustment of the drift tubes of Serpukhov linear accelerator I-100	1979
19800082321	Thin-film electro-optical modulator on prismatic, device	1979
19800082322	Fiber optics in aviation and rocket technology (selected chapters)	1979
19800082324	Literary gazette (selected articles)	1979
19800082325	General principles of automated gathering, discrimination decoding, accumulation of hydrometeorological information, which enters through the communication channels for processing for regime purposes	1979
19800082327	Superpowerful orbital telescope	1979
19800082328	Structure and microphysical properties of the clouds of Venus	1979
19800082329	Tsagi scientific notes	1979
19800082331	Aviation and cosmonautics (selected articles)	1979
19800082332	Aviation and cosmonautics (selected articles)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082342	Control and stabilization in aerodynamics, part 2	1979
19800082344	At the heat barrier	1979
19800082346	Aerostatic aircraft	1979
19800082350	TU-154A: Radioelectronic equipment	1979
19800082351	Design and structure of aircraft	1979
19800082354	Launch into the future	1979
19800082356	The selection of the main parameters of newly designed aircraft engines	1979
19800082357	Improved aircraft external store flutter prediction. Volume 1: Theory and application supplement 1	1979
19800082360	Optical measurements in flows. Application to wind tunnels or engine test stands	1979
19800082362	Our path toward the stars	1979
19800082363	Salyut-6 - Soyuz-32: Two months of flight	1979
19800082364	Advanced Conventional Standoff Missile (ACSM) 4: Cost analysis (Task 3) study. Volume 4	1979
19800082365	Advanced Conventional Standoff Missile (ACSM) study. Volume 5, appendix A: Control actuator system for Lockheed standoff missile	1979
19800082366	Advanced Conventional Standoff Missile (ACSM) study. Volume 6, Appendix B: Actuator control unit for ACSM	1979
19800082367	Advanced Conventional Standoff Missile (ACSM) study. Volume 7, Appendix C: ACSM analysis for a turbo alternator electrical supply and fin actuator system	1979
19800082370	Propulsion of hypersonic vehicles	1979
19800082372	Summary of aging and surveillance testing of three minuteman LGM-30 F stage 2 rocket motors at simulated altitude	1979
19800082377	Acoustical uses of foam material	1979
19800082378	Physics and chemistry of treatment of materials (selected articles)	1979
19800082379	Protective fibers	1979
19800082380	Classification of modes of exothermic reaction depending on initial conditions	1979
19800082384	The chemiluminescence process during the dissolution of irradiated alkali-halide crystals	1979
19800082385	Physical methods and stereoselective reactions	1979
19800082394	Calculation of heat resistance to scaling of metals	1979
19800082395	Effective methods and means of management automation in the ferrous metallurgy of the Ukrainian SSR	1979
19800082397	The plasticizing effect of fluids on a polysulfonamide film	1979
19800082399	Polyaminimide binder and fiber glass based on it	1979
19800082400	Enamels for instruments: Technical specifications	1979
19800082402	Paint and varnish materials. Methods of obtaining paint and varnish coating for testing	1979
19800082403	The aging of VML-25 materials	1979
19800082404	Kinetics of hardening of the binder and properties of epoxide organic plastics	1979
19800082405	A method of measuring diffusion parameters and solubility of gases in polymers	1979
19800082406	Plastics (selected articles)	1979
19800082407	Paint and varnish materials: Method for bend test of coating	1979
19800082408	Effect of temperature on thermophysical properties of a material based on glass microballoons	1979
19800082411	The 16th JANNAF Combustion Meeting, volume 3	1979
19800082412	Interactive computer-aided analysis of flash radiographs	1979
19800082413	Sympathetic detonation	1979
19800082414	A comparison DDT calculations and experiments for granulated rocket propellant	1979
19800082415	Studies of nonequilibrium combustion	1979
19800082416	Application of the plane shock initiation wedge test to DDT in rocket propellants	1979
19800082417	Progress in modeling card gap tests	1979
19800082418	Dynamic shear/DOT test development	1979
19800082419	A small-scale DDT test for solid propellants	1979
19800082420	Combustion instability in regenerative injection liquid propellant guns	1979
19800082421	The effect of initial temperature on the burn rate of NACO propellant	1979
19800082422	An analysis of black powder ignition and performance	1979
19800082423	Influence of length and diameter of cylinders on packed bed flow resistance	1979
19800082424	Report of Workshop on HMX Propellant Combustion Modeling	1979
19800082425	Modeling calculations for HMX composite propellants	1979
19800082426	RDX propellant combustion	1979
19800082427	Kinetic-combustion interactions of nitramines	1979
19800082428	Anomalies in nitramine propellant combustion	1979
19800082429	Quantitative description of AP size distribution effects in HTPB propellants	1979
19800082430	Combustion of low burn rate HTPB propellants in an acceleration field	1979
19800082431	Development of a spin insensitive propellant for sounding rocket application	1979
19800082432	Radial g forces effects on space propellants	1979
19800082433	Laboratory techniques for evaluating slag formation in small rocket motors	1979
19800082434	Solid propellant rocket motor performance predictions using the improved SPP computer model	1979
19800082435	Progress in the practical evaluation of nozzle acoustic damping	1979
19800082436	Influence of vortex shedding on acoustic instability in solid propellant rockets	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
1980082437	A comparison of predicted and measured acoustic stability using SSP	1979
1980082438	Stability prediction for solid propellant rocket motors with high-speed mean flow	1979
1980082439	The effect of propellant type on combustion response functions	1979
1980082440	Velocity coupled instability in prototype RS MK 36 motors	1979
1980082441	Nonlinear instability in a reduced smoke air launched motor	1979
1980082442	Motor pulsing design criteria	1979
1980082443	Instrumentation workshop report	1979
1980082444	Pressure oscillations in small ramjet engines	1979
1980082445	Workshop report on spray combustion in ramjet environments	1979
1980082446	Formulation, properties, and combustion of carbon-slurry fuels	1979
1980082447	Gelled fuels for Navy airbreathing missiles	1979
1980082448	Casting production (selected articles)	1979
1980082449	Technology of construction materials, section 3 and 4	1979
1980082453	Digital transmission of signals of TV programs through the connecting lines	1979
1980082454	RFT exposition 1978	1979
1980082455	Diode step stress testing program on diodes, reference, zener	1979
1980082458	Glow discharge thyratron type TKH 16 B for wide application devices	1979
1980082459	Submicrometer structures for size integration	1979
1980082460	Semiconductor devices for powerful high-voltage converters	1979
1980082464	Some results of studying electrical explosion of wires	1979
1980082469	Investigation of a combined heat exchanger and water-condensation system	1979
1980082471	Experimental investigation of flows under conditions of overexpansion in two dimensional nozzle	1979
1980082472	Effect of small wave disturbances on flow of a compressible viscous fluid	1979
1980082475	Disturbed laser gyroscope resonator	1979
1980082477	Optical holography, practical applications (selected chapters)	1979
1980082478	Monitoring the residual disbalance of a gyroscope with two degrees of freedom	1979
1980082485	Dye laser with distributed feedback of the second order	1979
1980082486	Laser destruction and scattering of light in solid transparent dielectrics	1979
1980082490	Results of the third all-union competition on the extensive introduction of diffusion welding to industry	1979
1980082491	Forging and stamping selected articles	1979
1980082492	Forging and stamping (selected articles)	1979
1980082493	Product assurance briefs on multi-parts/components reports	1979
1980082494	On the constitutive laws for the large strain cylindrical deformations of shells	1979
1980082498	Nonclassical theory of shells	1979
1980082499	The focusing of stress wakes in a viscoelastic solid cylinder	1979
1980082500	Technique of fatigue testing (selected pages)	1979
1980082501	Strength, stability, and dynamics of shells with an elastic filler	1979
1980082502	Stability of nonlinear shells	1979
1980082504	Problems of accuracy of large-scale maps	1979
1980082505	Baroclinic spectral model of the atmosphere with complete equations	1979
1980082506	One-level global spectral model of the atmosphere with complete equations	1979
1980082507	Application of detailed marine gravimagnetic surveys on the Caspian Sea	1979
1980082508	Automated system for processing gravity prospecting data	1979
1980082510	Some methods for solving the problem of the primary processing of hydrometeorological information	1979
1980082511	Requirements for precision of measurements and space and time resolution of information on the state of the atmosphere	1979
1980082512	Influence of weight of individual protection means of the state of functioning of the body while working under various microclimatic conditions	1979
1980082513	SALYUT-6: A summary of work in orbit	1979
1980082518	Human factors engineering principles of the optimization of administration systems by flight vehicles	1979
1980082520	Fundamentals of human factors engineering	1979
1980082523	The U 808 D microprocessor, part 2 and conclusion	1979
1980082524	Technology of elements of electronic computer equipment	1979
1980082525	System designing of reliability computer	1979
1980082526	Microprocessor deck of bipolar large-scale integrated circuits	1979
1980082529	Some questions of the creation of the system software of a state network of computer centers	1979
1980082531	Automated control systems and their adaptation (selected chapters)	1979
1980082532	Analytical methods of the study of systems	1979
1980082533	The role of thermo-electromotive forces in optical dielectric breakdown of transparent	1979
1980082535	Generation of ultrahigh magnetic fields.	1979
1980082540	Natural (thermal) radiation of the elements of optical systems of optical-electronic instruments	1979
1980082541	Elements of integrated optics	1979
1980082543	Synthesis of interference coatings	1979
1980082544	The application of plasma accelerators in space investigations, part 2	1979
1980082545	Excitation of intense oscillations by high-current relativistic beams	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082549	Electrical wind on the Moon	1979
19800082550	Material on the compilation of the third edition of the complete map of the Moon, scale 1:5000000	1979
19800082552	Wings of the third millenium	1979
19800082553	Aviation (selected articles)	1979
19800082555	Control and stabilization in aerodynamics, part 1	1979
19800082556	Further development of the aeroelastic method	1979
19800082557	Aerodynamics of the new generation of delta wing fighters	1979
19800082558	Experimental study of the process of the interaction of grids at supersonic flow velocities	1979
19800082559	The estimation of aerodynamic coefficients necessary for performance calculations	1979
19800082560	A wind tunnel test to determine separation characteristics of several stores from a submissile dispenser configuration (U)	1979
19800082563	Static stability tests of 7 deg blunt cone models with various nose shapes at mach 8 (U)	1979
19800082564	A wind tunnel of advanced aircraft configurations and various weapons at mach numbers from 0.6 to 1.6 (U)	1979
19800082565	Laser Augmented Air Rescue System (LAARS) (U)	1979
19800082566	Radio-navigation systems of airports, part 1	1979
19800082567	Radio-navigation systems of airports, part 2	1979
19800082568	Calculation of the characteristics of navigation gyrodevices, chapters 4-8	1979
19800082572	AN/ARN-101 operational flight program verification flight test (U)	1979
19800082584	Laboratory test results on the Dunlop system for electric fan cooling of aircraft wheels	1979
19800082585	The messier jockey horizontal shock absorber landing gear for cargo airplanes	1979
19800082589	Selecting the shape of an aerodynamic stabilizer	1979
19800082590	Manual on flight operations of the aircraft I1-62M with four engines D-30KU	1979
19800082591	Airplane YAK-18T. Design and operation, chapter 5	1979
19800082593	COMFITWINGONE fleet fighter ACM readiness program, lessons learned January - August 1979 (U)	1979
19800082597	Bullet pass, phase 1 (U)	1979
19800082598	SH-3 operational performance evaluation study (U)	1979
19800082613	Performance evaluation of the B-1 strategic bomber (U)	1979
19800082615	Performance evaluation of the F-16A airplane with F100-PW-100 3 engine (U)	1979
19800082617	Aircraft vulnerability assessment methodology. Volume 7: Power train (U)	1979
19800082621	Dynamic analysis of a beam control support system concept for the B-52. Volume 1. Support system design (U)	1979
19800082627	General dynamic pre-design of AFTI-3 mission adaptive wing (U)	1979
19800082637	The improved Airborne Target Acquisition and Fire Control System ATAFCS (U)	1979
19800082638	A study of the changes required to add IRIS capability to the AAH fire control system (U)	1979
19800082639	SH-3H ASW mission effectiveness study. Volume 3: Review of fleet usage of SH-3 aircraft (U)	1979
19800082644	Fuel tank vulnerability and protection - Joint Army and Air Force gigh energy laser experiments (U)	1979
19800082649	F-14 conversion in lieu of procurement program initiation phase study (U)	1979
19800082650	F14 conversion in lieu of procurement program initiation phase study. Appendix D: Study guidelines (U)	1979
19800082651	F-14 conversion in lieu of procurement ARC data catalog. Volume 1: System alternatives comparison (U)	1979
19800082652	E-14 conversion in lien of procurement ARC data catalog. Volume 3: Subsystem alternatives (U)	1979
19800082654	Leningrad Institute of Aviation Instruments	1979
19800082655	MAST mounted sight system concept evaluation (U)	1979
19800082656	Manufacturing turbine blades made of alloy ZhS6-KP	1979
19800082669	Design and development of advanced high-pressure spool gas generator, ATEGG, part 2 (U)	1979
19800082670	Design and development of advanced high-pressure spool gas generator ATEGG, part 1 (U)	1979
19800082672	High bypass turbofan component development. Phase 1: Preliminary design and life cycle cost analysis of candidate engines (U)	1979
19800082673	High survivability flight controls design. Volume 2: AH-1S helicopter ballistic-damage-tolerant subsystems vulnerability analysis (U)	1979
19800082675	The wings of a dream: October's child	1979
19800082678	Conquerors of space	1979
19800082680	Millimeter wave semiactive guidance program (U)	1979
19800082681	Follow-on operational evaluation of the AIM-54A Phoenix missile (U)	1979
19800082687	AIM-7F improved seeker system source selection technical evaluation publication (U)	1979
19800082691	An analysis of system performance constraints on a candidate millimeter active/passive contrast seeker inposed by the hellfire free flight trajectory characteristics (U)	1979
19800082699	Engineering analysis of ATAFCS TV and FLIR video data during autonomous HELLFIRE missile firings (U)	1979
19800082711	An experimental investigation of a lateral jet's influence on the aerodynamics of the HAWK missile (U)	1979
19800082714	Cargo is delivered into orbit	1979
19800082716	Spectrometry of ionizing radiations on space apparatuses, section 5.4 space	1979
19800082718	Control systems of space craft stabilized by rotation selected pages	1979
19800082720	Principles of projection of space sextants, chapter 4	1979
19800082721	Research in the field of rocket engines using solid propellants, an overview	1979
19800082723	Power systems on space craft (selected pages)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082725	Shingle linear combustor durability demonstration (U)	1979
19800082726	Shingle liner combustor durability demonstration, phase 1 (U)	1979
19800082730	Preliminary design and system description, single penetrator kinetic energy spike (U)	1979
19800082731	Advanced booster control study. Rapid deployment subsystem design studies (U)	1979
19800082733	Low cost motor demonstration program (U)	1979
19800082736	High rate technology development (U)	1979
19800082744	Theory of the generation of light in polar solutions of organic dyes	1979
19800082747	Diamond idea	1979
19800082751	Radiation shielding properties of selected materials (U)	1979
19800082753	Thermal protection materials for advanced terminal defense interceptors (U)	1979
19800082757	Light aging of hardened diglycidyl ether	1979
19800082762	Coherent anti-stokes raman scattering near electronic resonances, and fabrication of an experimental set-up	1979
19800082765	Powder Metallurgy (PM) in the USSR (selected articles)	1979
19800082773	Basic trends in economizing on tungsten used in hard alloys	1979
19800082774	Alloys from weightlessness	1979
19800082776	Plastics (selected articles)	1979
19800082778	Durability of high-density polyethylene at various temperatures	1979
19800082779	The employment of EVM (computers) in polymer monomer analytical chemistry	1979
19800082780	Acquiring a glass-powder filler	1979
19800082789	Three dimensional wire form investigation (U)	1979
19800082791	Interim qualification of AFX-201 (U)	1979
19800082797	Rapid method for determining the burning rate of uncured propellants (U)	1979
19800082801	Multichannel communication on electric transmission lines, chapter 7	1979
19800082804	The effect of nonuniform scanning on the shaping of a signal in the television system with a scanning laser beam	1979
19800082809	Radio engineering systems in rocket engineering, part 1	1979
19800082810	Radio engineering systems in rocket engineering, part 2	1979
19800082817	DNA EMP (Electromagnetic Pulse) handbook. Volume 2: Coupling analysis (U)	1979
19800082819	TRAPAF testing at Firepond and at the XLD (U)	1979
19800082820	Millimeter wave semi-active guidance program. Phase 3: Test plan (U)	1979
19800082821	MEECN UHF/FDM ground entry point coverage envelope tests for the NEACP facilities (U)	1979
19800082822	Worldwide MEECN UHF/FDM ground entry point coverage guide (U)	1979
19800082823	Over-the-horizon radar for air defense of the sea lines of communications (U)	1979
19800082825	Meeecn UHF/FDM ground entry point coverage envelope test for the uscinceur facility at Estaca de Bares, Spain (U)	1979
19800082826	Synthetic Aperture Radar (SAR) retransmission guidance captive flight test (U)	1979
19800082828	Adaptive antenna test data analysis, volume 2 (U)	1979
19800082829	Adaptive antenna processor mods (U)	1979
19800082830	Technical and cost data research on specific radar systems, volume 1 (U)	1979
19800082856	Effects of bistatic signature on AIM-7F terminal guidance accuracy (U)	1979
19800082858	QOT and E of digital signal transfer unit (U)	1979
19800082859	Long range sensor study (U)	1979
19800082861	Netted radar program (U)	1979
19800082875	An experimental study of the operation of a marx generator in the nanosecond range of pulse durations	1979
19800082876	Autonomous power supply system with a damping converter	1979
19800082878	Development of a shock-excited homopolar generator for powering a heavy-current electron accelerator	1979
19800082879	High-voltage pulse generator	1979
19800082880	Voltage pulse generator	1979
19800082881	High-voltage high-current breaker and contactor for power systems with inductive stores	1979
19800082887	Current commutator	1979
19800082888	Results of studies conducted on superconducting switches with high speed specific breaking power	1979
19800082889	Electrostatic dust catching in the fur industry	1979
19800082890	Shock homopolar disk-type generator	1979
19800082891	High-speed foil circuit breakers	1979
19800082892	Using a round superconductive coil with a winding circular cross section as the manetic system of an inductive energy store	1979
19800082893	Determination of energy losses and distribution of magnetic and electrical fields in cylindrical conductors in arbitrarily time-changing transverse magnetic field	1979
19800082896	Low band millimeter wave TWT QKW1756 (U)	1979
19800082897	High band millimeter-wave TWT (U)	1979
19800082898	A high power expendable power supply/modulator design study, revision (U)	1979
19800082899	A 1.06-micron 3-5 photocathode development. Supplement 1: Semitransparent response from hybrid heterojunction photocathodes (U)	1979
19800082900	Radiation effects on microcircuits and microsystems (U)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082902	Low band millimeter wave TWT QKW1756 (U)	1979
19800082903	Manufacturing Methods and Technology (MM and T) measure for fabrication of third generation 0.9 micron photocathodes (U)	1979
19800082904	The 18mm third-generation tube development (U)	1979
19800082905	Development of 3rd generation MCP lightweight high performance and 0.9 micron low cost image intensifiers (U)	1979
19800082907	The 18mm third-generation tube development (U)	1979
19800082908	Manufacturing methods and technology (MM and T) measure for fabrication of third generation 0.9 micron photocathodes (U)	1979
19800082909	Manufacturing methods and technology (MM and T) measure for fabrication of third generation 0.9 micron photocathodes (U)	1979
19800082911	Experimental investigation of scale structures in turbulent jet mixing layers	1979
19800082913	Vibrations and stability of deformable systems in a liquid	1979
19800082914	Investigation on the dispersion of gases and vapors and their representation by dispersion theory	1979
19800082915	Description of non-homogeneous flows means of averaged values for one dimensional treatment	1979
19800082916	Automatic device for developing or processing aerial photographs	1979
19800082917	An apparatus for the development of aerial photographs	1979
19800082922	Device for a laser spectral analyzer	1979
19800082923	Hydrometeor attenuation of laser emission at wavelengths of 10.6 and 0.63 micrometers under mountainous conditions	1979
19800082924	Lasers in aviation	1979
19800082925	Generation and strengthening of the powerful nanosecond pulses of coherent radiation with the aid of iodine laser	1979
19800082926	Study of picosecond relaxation processes by means of nanosecond pulses	1979
19800082927	Interferometric studies of a gasdynamic laser resonator	1979
19800082931	Laser communication line	1979
19800082932	Mechanism of cyclooctotetraene action of the laser properties of the solution rhodamine 6G under flashlamp pumping	1979
19800082933	Elimination of laser beam distortions induced in amplifiers by methods of dynamic holography	1979
19800082934	Character of destruction of optical monocrystals by laser radiation pulses	1979
19800082935	Controlled spark-gap unit	1979
19800082936	Current status and prospects for the development of gas-dynamic combustion lasers	1979
19800082937	Source of feed of a solid-state laser pumping system with quality modulation based on a multi-section inductive storage unit	1979
19800082938	Power source for the pumping system of a solid-state laser with Q modulation on the basis of a multi-section inductive storage	1979
19800082943	Character of destruction of optical monocrystals by laser radiation pulses	1979
19800082947	Research on upgrading the thumper machine (U)	1979
19800082948	Pulsed laser effects on solar cells (U)	1979
19800082953	Active laser seeker pave prisma demonstration (U)	1979
19800082956	CO2 laser tactical sensor study (U)	1979
19800082962	Hypersonic wedge nozzle development program. Phase 1: Technology development report (U)	1979
19800082971	US Army gas dynamic laser program comprehensive technical summary (U)	1979
19800082972	Seminar on precision of welded sheet structures	1979
19800082973	Casting production	1979
19800082974	Forging and stamping (selected articles)	1979
19800082975	Effect of the type of casting mold on the mechanical properties and structure of castings	1979
19800082981	Stability of ellipsoidal and spheroidal shells of revolution under uniformly distributed external pressure	1979
19800082982	One way to state a problem dealing with a crack in a two component material	1979
19800082984	Model design of the carrying capacity of cylindrical shells	1979
19800082987	Geodesy and cartography (selected articles)	1979
19800082988	BAMM radiometer filter characteristics (U)	1979
19800082991	Pulse power sources on inductive storage device base	1979
19800082994	Calculating the interaction of dust with exhaust gases	1979
19800082995	Optical masses of the atmosphere and aerosol	1979
19800082996	A three-staged instrument for studying microstructure and ice-forming properties of natural and artificial aerosols	1979
19800082999	Methods of determining the mechanical properties and the hardness scale of mining rocks, chapter 1	1979
19800083001	Transfer of moisture in the atmosphere above the territory of the USSR	1979
19800083012	Sanitary-microbiological evaluation of new cleaning agents	1979
19800083014	Nonionizing radiation protection special study. Optimal hazards associated with viewing the plasma generated by high energy repetitively pulsed laser for several targets (U)	1979
19800083015	Psychology, man, machine	1979
19800083022	Control system of data for the magnetic drums of computers BESM-6	1979
19800083023	Certain results derived from a comparison of the computer efficiency by means of a test program	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083025	Palm-sized computer	1979
19800083026	Microprocessors and informational systems	1979
19800083028	Networks of electronic computers, part 1	1979
19800083029	The dos YeS operational system: Manual	1979
19800083032	Horizons of small computers	1979
19800083034	Computer networks	1979
19800083035	Aeroacoustic interactions	1979
19800083038	Numerical method of the calculation of characteristic charged particles	1979
19800083039	Concerning the question of the mechanism of longitudinal instability of an annular electron beam in a vacuum	1979
19800083042	The effect of impulse pressure, created by a powerful electron beam, on the structure and properties of some metals	1979
19800083043	Interaction of monoenergetic relativistic electron beam with dense plasma	1979
19800083047	X-rays in technology	1979
19800083048	Fiber optics	1979
19800083051	Infrared imaging seeker head manufacturing methods and technology program, phase 2 (U)	1979
19800083053	Description and application of a digital seeker simulation for infrared spatial scenes. Volume 1: Description and application (U)	1979
19800083054	Description and applications of a digital seeker simulation for infrared spatial scenes. Volume 2: Tracking rate listings (U)	1979
19800083063	Critical optics technology (U)	1979
19800083065	Passive/Heterodyne Active System Infrared (PHASIR) (U)	1979
19800083066	DISCOID 525 development (U)	1979
19800083072	An assessment of recent imaging infrared Maverick tests: A briefing (U)	1979
19800083075	Critical optics technology (U)	1979
19800083076	Hardened focal plane development (U)	1979
19800083078	Powerful generators of low-temperature plasma and methods for studying their parameters (selected articles)	1979
19800083079	Plasma jet generators and high-current arcs (selected articles)	1979
19800083080	Cascaded inductive store for a pulsed plasma accelerator	1979
19800083082	Single crystals - semiconductors	1979
19800083083	Basic principles of creating the technical base for the ASGS	1979
19800083086	Technology and youth (selected articles)	1979
19800083088	Collection of scientific transactions of the Moscow Aviation Institute (selected articles)	1979
19800083089	Thematic collection of scientific works of the Moscow Aviation Institute	1979
19800083090	Quarterly compilation of abstract on completed test: Experimental and development TED Projects (U)	1979
19800083102	Proceedings of the Moscow Aviation Institute (selected articles)	1979
19800083103	TsAGI scientific notes	1979
19800083104	TsAGI scientific notes	1979
19800083128	Publications and presentations in acoustics and sonic fatigue from the Air Force Flight Dynamics Laboratory	1979
19800083132	One dimensional analysis of supersonic flows with heat supply	1979
19800083137	New Strategic airlift concepts. Volume 1: executive summary	1979
19800083138	Dynamic interaction simulation of clustered ordnance aerodynamic loading base	1979
19800083140	Signals will be more exact	1979
19800083141	Air traffic control- today and tomorrow	1979
19800083146	Assessment of forward swept wing technology	1979
19800083150	Flight in limiting conditions	1979
19800083151	Vertical take-off	1979
19800083152	Review of aeronautical fatigue investigations in Israel	1979
19800083153	Laser and optical methods of check in aircraft construction	1979
19800083154	Research development	1979
19800083156	The training of an aerial reconnaissance plane	1979
19800083157	Method of factorizations in problems of seaplane mechanics	1979
19800083158	Soviet aircraft designer(selected pages)	1979
19800083159	Assessment of forward swept wing technology. Appendix B: Manufacturers cross evaluations	1979
19800083160	Applicability of forced singular perturbation technique in flight	1979
19800083170	Flight test and evaluation of the advanced environmental control system. Volume 1: Data evaluation	1979
19800083171	F-4 J-79 engine bay hardening and fire prevention study (U)	1979
19800083178	Blue baron (U)	1979
19800083179	TAV-8B aircraft description report, supplement (U)	1979
19800083188	QCSEE Under-The-Wing (UTW) engine composite nacelle test Report. Appendix A: Detailed engine performance	1979
19800083191	Mathematical model of the process of the filling of the combustion chamber of a pulse jet	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083200	Test and evaluation of the vulnerability of the TF30 engine installations in the A-7 aircraft to ballistic damage and fuel ingestion (U)	1979
19800083202	Advanced Turbine Engine Gas Generator (ATEGG) GE23/J1A3 (U)	1979
19800083205	Inlet and ramburner freejet and transition tests. Part 12: Advanced fuel management system design and development for the AFTS-duct and loaded center duct propulsion system configurations (U)	1979
19800083207	Transpiration-cooled combustor program (U)	1979
19800083212	Application of NI76XB high pressure turbine blades on the ATEGG GE23 engine (U)	1979
19800083213	The TU-154A: A booster system for rudder type steering control	1979
19800083217	AV-8B flutter and divergence program plan, revision A	1979
19800083218	Self-adaptation and corrections of walls in transonic wind tunnels	1979
19800083221	New concept study for repair of bomb-damaged runways. Volume 2. Detailed evaluation of promising concepts	1979
19800083222	Dialogue in space and on the ground	1979
19800083223	Since the first sputnik	1979
19800083257	Advanced medium range missile commonality task force analysis (U)	1979
19800083262	Effect of bistatic geometry on AIM-7F terminal guidance accuracy (U)	1979
19800083266	Analysis of SOTAS and Surface-to-Surface Missile Guidance options for the engagement of second-echelon targets (U)	1979
19800083270	A method to obtain flight performance parameters from Hawk radar data (U)	1979
19800083272	Surface to Air Missile-Active Test Unit (SAM-ATU) chamber evaluations (U)	1979
19800083274	Performance of indirect fire infrared seekers 1978 Redstone Arsenal test phase (U)	1979
19800083275	Lightning protection design of the space shuttle	1979
19800083277	The Hermes Shuttle	1979
19800083279	A special device for the storage and retention of telemetry information in an experiment with the Interkosmos-10 satellite	1979
19800083281	Spatial radiometer design and test reports, volume 2	1979
19800083293	Advanced booster control study: Unsteady three dimensional subsonic flow in a solid propellant rocket motor including the effect of motor rotation. Volume 2: Computer program manual	1979
19800083299	Combustion of boron in air-breathing rockets: Secondary combustion chamber processes	1979
19800083301	Surveillance: Sidewinder rocket motor mark 36 Mods and igniter mark 264 Mod (U)	1979
19800083303	Energy transfer and generation of emission in binary systems of vapors of organic compounds	1979
19800083304	MATLIB: A computer library of material properties verification manual	1979
19800083305	Mechanics of composites	1979
19800083308	The effect of the treatment of carbon fibers on the interlaminar shear strength of carbon-fiber-reinforced plastic	1979
19800083309	Mechanical properties and life of heat-treated carboplasts	1979
19800083317	Operation of a model of a high-temperature combustion chamber	1979
19800083319	Molecular structure and retention behavior, 8. Gas chromatographic retention behavior of dicyclopentadiene derivatives	1979
19800083320	Classification of modes of exothermic reactions depending on initial conditions	1979
19800083323	Mechanical and casting properties of stainless maraging steel	1979
19800083324	Tungsten (selected portions)	1979
19800083325	Multilayered and reinforced metallic materials	1979
19800083326	Protective coatings for tungsten	1979
19800083327	Flying metals	1979
19800083333	Thermomechanical mode of isothermal deformation of titanium alloys	1979
19800083334	Strength and deformation behavior of directionally solidified gamma and alpha and monocystaloy trademark gamma and alpha	1979
19800083336	Application of superplastic steels	1979
19800083344	Weldability of modified 9 Cr-1 Mo steels	1979
19800083347	USSR Report: Materials science and Metallurgy	1979
19800083348	Refractories for new metallurgical processes	1979
19800083349	An estimate of the thermal stability of ATM-2 by the Rheological method	1979
19800083350	Paint and varnish materials, methods of determining covering power	1979
19800083351	Electrical insulating varnish VL-931	1979
19800083352	Prediction of the deformation of polymeric materials, part 1	1979
19800083353	Prediction of the deformation of polymeric materials, part 2	1979
19800083354	Modification of ED-20 with unsaturated epoxy compounds	1979
19800083355	Properties of three-dimensionally-reinforced plastics	1979
19800083356	Plastics (selected articles)	1979
19800083357	Analysis of epoxy resins using pyrolytic mass-spectrometry	1979
19800083358	Improving the qualities and adhesive properties of rigid polyurethane foam	1979
19800083359	Plastics (selected articles)	1979
19800083360	Plastics (selected articles)	1979
19800083361	Thermal aging of polymers based on cycloaliphatic diepoxides	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083362	Solidification in a thin layer of the filled epoxy compositions	1979
19800083363	Properties of polysulfone A	1979
19800083365	Adhesive - liquid thermoplastic polyester	1979
19800083367	Study of intermetallic compounds	1979
19800083369	Single-stage method for manufacturing articles from glass-filled thermoplastics	1979
19800083405	Extremal problems of standardization	1979
19800083406	Stamping and forging (selected articles)	1979
19800083407	Stamping and forging (selected articles)	1979
19800083408	Development of the forging and stamping production and its significance with regard to progress in the machine-building technology	1979
19800083409	USSR Report: Physics and mathematics	1979
19800083410	Arrival angle fluctuations of a plane wave propagation in a sea medium as received by a linear array	1979
19800083411	The dynamic characteristics of a fast-flow electric discharge CO2 laser	1979
19800083412	Investigating the active medium of a fast-flow CO2 laser with non-self-sustained discharge	1979
19800083413	The mechanism of direct heating of CO2-N2-He laser mixture in a non-self-sustained discharge	1979
19800083414	The chain mechanism of exciting a continuous chemical HF laser with cylindrical nozzle	1979
19800083443	Integrated quasi-electronic communications system technical-economic advantages	1979
19800083457	Radar signals and their processing	1979
19800083463	Two-stage search for a pseudorandom signal in a communications system with preliminary analysis of frequency in the first stage	1979
19800083467	Intacs system architecture objective system refinement	1979
19800083470	Experimental study conducted on digital processing of signals affected by interferences from the sea	1979
19800083475	AN/TPB-1C radar bomb directing set (U)	1979
19800083477	Investigation of improved emitter-location techniques (U)	1979
19800083478	The 35-Gigahertz active target signature measurements (U)	1979
19800083481	Aircraft glint effects suppression (U)	1979
19800083482	RPV command and control antenna study, volume 1 (U)	1979
19800083487	A dipole-reflector phased array imbedded in dielectric slabs (U)	1979
19800083489	Multiband processor study (U)	1979
19800083497	Advanced beyond line-of-sight VHF signal structure measurements (U)	1979
19800083498	Integrated Multiple-Frequency Radar (IMFRAD) (U)	1979
19800083502	Translation. Manual on communications and radio-engineering flight services	1979
19800083504	Diode step stress testing program	1979
19800083506	Design of pneumatic circuits with the aid of digital computer	1979
19800083509	Heavy-duty high-speed commutator	1979
19800083510	Study and experimentation with a high-energy pulsed electric generator using a gaseous explosive	1979
19800083511	Electrical insulating varnish VL-941	1979
19800083516	Microelectronics, part 2	1979
19800083528	Advanced III-V compound microwave device investigation	1979
19800083529	EH band amplifiers	1979
19800083530	Manufacturing technology for E/H band amplifiers	1979
19800083536	The 35 GHz pulsed impatts	1979
19800083539	Radiation physics of semiconductors	1979
19800083543	Low band millimeter wave TWT. QKW 1756 (U)	1979
19800083548	Flows of viscous liquid	1979
19800083552	Scientific works of the institute of mechanics (selected articles)	1979
19800083555	Experiments on fluidelastic instability in tube banks subject to liquid cross flow. Part 2: Mixed arrays	1979
19800083556	General model for turbulent momentum and heat transport in liquid metals	1979
19800083558	Providing a vertical gyroscope with adaptive properties by adding a nonlinear element to the correction circuit	1979
19800083559	Dynamics of gimbal-mounted gyroscopes	1979
19800083560	Holographic Interface Processor. Volume 1: HIP technical description	1979
19800083561	Holographic Interface Processor. Volume 2: HIP software description and user's manual	1979
19800083562	Holographic Interface Processor. Volume 3: Hip interface design	1979
19800083563	Investigation of bias stability and cross axis effects and brass board gyro conceptual design for a nuclear magnetic resonance gyro	1979
19800083564	Ring laser gyro technology for advanced aircraft navigation, phase 1	1979
19800083567	Calibration of pyroelectric radiometers for infrared flare measurements	1979
19800083568	Fluid mechanical aspects of source flow mixing chemical lasers	1979
19800083572	ASW Data collection for shipboard aircraft (U)	1979
19800083573	Gas lasers, selected articles	1979
19800083575	Pulse distortion in a dye laser with a slow saturable absorber	1979
19800083576	Device for generating pico-second laser pulses	1979
19800083581	Possibilities of using lasers to detect aerosol particles in photoelectric counters	1979
19800083589	Ring gas laser for measuring angles and angular velocities	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083590	Aerosol chemical pump laser experiments	1979
19800083597	Evaluation of the engineering development model Laser Designator Rangefinder LDR of the Ground Laser Locator Designator GLLD system (U)	1979
19800083599	Dust removing filtering device	1979
19800083600	Tool shop of science	1979
19800083601	The principal design trends of computer controlled metal cutting machine tools and the prospect for developing their export	1979
19800083602	Theory of thermal engines (selected pages)	1979
19800083605	Ye. O. Paton Institute of Electric Welding	1979
19800083606	Forging and stamping (selected articles)	1979
19800083607	Mechanization and automation of cold-stamped production	1979
19800083608	Urgent economic questions of using machine tools with digital programmed control	1979
19800083611	Robotic system for aerospace batch manufacturing. Task C: Definition of robot assembly capability	1979
19800083617	Flaw detection of parts during the operation of aviation equipment	1979
19800083618	Nondestructive testing development program	1979
19800083619	The effect of initial inaccuracies on the vibrations of plates and shells	1979
19800083620	Unsteady oscillations of systems being deformed, part 1	1979
19800083621	Unsteady oscillations of systems being deformed, part 2	1979
19800083624	Analysis method for calculating vibration characteristics of beams with intermediate supports	1979
19800083625	Room-temperature elastic-plastic tests of plate-weldment specimens	1979
19800083630	Class of equivalent projections equidistant in the meridians	1979
19800083631	Satellite data in hydrogeologic studies survey	1979
19800083640	Effect of the concentration of dust on the efficiency of porous air filters	1979
19800083641	Dust catcher	1979
19800083650	Double diffusive convection into deep homogeneous layers	1979
19800083652	The entire planet - A traverse	1979
19800083653	Tests for clearing up the possibility of an active influence on precipitation and some related problems of mathematical statistics	1979
19800083654	There is no bad weather in nature	1979
19800083657	Methods of long-range weather forecasts, part 1	1979
19800083658	Methods of long-range weather forecasts, part 2	1979
19800083660	Army needs for additional climatic data (U)	1979
19800083661	The YAK-40 gives the weather	1979
19800083671	And space suits, and sarafans	1979
19800083679	Scientific and technical problems in automation	1979
19800083680	Instruments and control systems (selected articles)	1979
19800083681	Development trends for magnetic domain memories	1979
19800083682	Computer technology means	1979
19800083683	Networks of electronic computers, part 2	1979
19800083684	Mask-programmable fixed value memory U 501 D	1979
19800083687	USSR Report: Cybernetics, computers and automation technology	1979
19800083690	Administration of computational process in computers, algorithms and models	1979
19800083693	Programming on a high-speed electronic computer-6 in the Dubna system: Selected chapters	1979
19800083694	R35 manual for the unified system computer operator	1979
19800083696	Rigorous or conventional adjustment of condition equations with unknowns in the case of nonlinear equations	1979
19800083699	Nature of the fountain effect of a fluid under the action of acoustic oscillations	1979
19800083700	Problems of atomic science and technology	1979
19800083701	On the application of Schottkys diffusion theory to discharge with several kinds of ions and excited neutral particles	1979
19800083703	A numerical solution of the equations of motion of relativistic charged particles in self-consistent field	1979
19800083704	High-current microsecond electron-beam accelerator	1979
19800083705	Converter fuel processing	1979
19800083706	Nuclear hydrogen power engineering and technology	1979
19800083710	Optical mirror	1979
19800083711	Optical communication	1979
19800083713	Advanced optical surfacing program, superfab	1979
19800083714	Device for studying the interaction of individual aerosol particles with laser emission	1979
19800083717	Effectiveness of porous cooling of a plasmatron stabilizing channel	1979
19800083728	Beyond the horizon of the universe	1979
19800083735	West Europe Report. Science and technology	1979
19800083736	Use of total energy module, biogas in Europe discussed	1979
19800083737	Current state, future of Ariane program outlined	1979
19800083738	Recycling of waste for energy, raw materials proposed	1979
19800083739	Swiss auto engineer's new combustion chamber described	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810004438	Hybrid vehicle potential assessment. Volume 9: Power train summary, component descriptions, and HYVEC vehicle simulator	1979
19810004445	Aeronautics and Space Report of the President, 1979 activities	1979
19810004969	Research planning workshop on energy for rural development	1979
19810004970	Electric power replacing oil: The development of hot water supplies to private households in the Federal Republic of Germany	1979
19810012034	Study of the potential for cogeneration in Canada: Industrial steam turbines. Volume 1: Main report	1979
19810012035	Study of the potential for cogeneration in Canada: Industrial steam turbines. Volume 2: Economic potential	1979
19810012900	Evaluation of three techniques for classifying urban land cover patterns using LANDSAT MSS data	1979
19810013720	Manufacturing Applications Team (MATeam)	1979
19810014434	Thermodynamics, general covariance and material frame indifference	1979
19810015854	Aircraft Energy Efficiency program: Laminar flow control technology	1979
19810019316	Assessment of available integration algorithms for initial value ordinary differential equations. Selections for the CRNL subroutine library and simulation packages	1979
19810019385	Space plasma wave experiment development study	1979
19810020476	Investigation of the activation of iron-titanium-crystals by means of metallography and hydrogen gassing	1979
19810025510	A new approach to the eigenvalue problem in quantum mechanics: Convergent perturbation theory for rising potentials	1979
19810065644	Interdisciplinary research on the nature and properties of ceramic materials	1979
19810065690	Heat Pipe Design Handbook, Volume 1	1979
19810065691	Heat pipe design handbook, volume 2	1979
19810065693	Hypersensitizing, kodak plate, type 4-N: Ammonia versus silver nitrate solution	1979
19810065713	Landsat data users handbook	1979
19810067066	MDAP/Albedo and phase curve of Martin satellites	1979
19810067359	Corrosion/oxidation behavior of stainless steels of reduced chromium	1979
19810067766	Orbital operations for the graphite crystal X-ray spectrometer and polarimeter experiment flown aboard OSO-8 spacecraft	1979
19810068247	Broadband rotor noise	1979
19810069041	Topographic relaxation study	1979
19810069218	Evolution of mesoscale convective systems over mountainous terrain	1979
19810069682	General summary of accomplishments for year 2 and 1/2 of year 3, part 1	1979
19810069684	Purification and cultivation of human pituitary growth hormone secreting cells, part 1	1979
19810069700	NSSC-II software system users guide	1979
19810069764	NASA file update subsystem user manual for the NASA Relational Data Base Management System (RDBMS)	1979
19810069765	NASA Relational Data Base Management System (RDBMS) user manual	1979
19810069869	Purification and cultivation of human pituitary growth hormone secreting cells, part 4	1979
19810069921	Research problems associated with flight control in turbulence	1979
19810070388	Midultraviolet (UV-B) sensitivity of <i>Acartia clausii</i> Giesbrcht (copepoda)	1979
19810070470	Computed and experimental pressure signatures from two 1/4 scale general aviation propellers	1979
19810071095	Implementation of the Full Flight Envelope Autopilot (FFEAP) on the NASA/Ames Stoland/AWJSRA digital avionics computer	1979
19810071395	Reply to comments on Auger electron production by N(e-) bombardment of surfaces	1979
19810072040	A systematic method of hybrid position/force control of a manipulator	1979
19810072285	Quasars and artificial satellites for geodynamic monitoring and earthquake research	1979
19810072365	Study of surface chemistry analysis techniques for Mars Landed Missions	1979
19810072535	A Program of Thermoelectric Generator Testing and RTG Degradation Mechanisms Evaluation	1979
19810072700	NASA Facts: Astronaut Selection and Training	1979
19810073440	High gain antenna system	1979
19810073479	Preliminary flight test planning for XV-15 tilt rotor aircraft	1979
19810073483	Sage integration, test and launch support	1979
19810073519	Evaluation of transparent gate charge transfer devices	1979
19810073522	Development of a CTOL piloting technique measurement scheme for a real time simulator environment	1979
19810073575	Development specification for a TILT rotor aircraft composite blade. TILT rotor research aircraft	1979
19810073576	Engineering Analysis of a Composite Rotor Blade for the XV-15 Tilt Rotor Aircraft	1979
19810073577	Inspection, maintenance and repair of the composite XV-15 rotor blade: Tilt rotor research aircraft	1979
19810073578	Program plan for development, fabrication, and qualification of composite blades for the XV-15	1979
19810073594	Payload Missions Integration	1979
19810073595	Payload Missions Integration	1979
19810073596	Payloads Missions Integration	1979
19810073597	Payload Missions Integration	1979
19810073725	Payload missions integration	1979
19810073814	Research in aeronomy	1979
19810073815	Research in aeronomy	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810073844	Advanced Conventional Standoff Missile (ACSM) study. Volume 8. Appendix D. Application of the Pulse Doppler Map Match (PDMM) to the ACSM (U)	1979
19810073913	AMaRV Aerodynamics analyses book 3 (U)	1979
19810073916	Combined environment reliability test of the CN-126/ASN-90(V) inertia measurement unit	1979
19810073928	Performance evaluation of the Pulse Doppler Map Match (PDMM) system (U)	1979
19810073938	Evaluation of advanced correlation techniques and integrated guidance system configurations (U)	1979
19810073941	Transform coefficient watching (U)	1979
19810073946	Aircraft an-24. Chapter 4	1979
19810073948	Design and analysis of a thermoplastic composite cruise missile wing	1979
19810073953	Standard air 7304 A. Project number 2. Submitted for discussion by STAE/EQ	1979
19810073956	OT and E of eagle eye II (U)	1979
19810073957	ATCH phase 3 (U)	1979
19810073967	DT and E/IOT and E of the B-52/GBU-15 planar wing weapon system (U)	1979
19810073971	Dellilah GBU-15 decoy concept formulation study (U)	1979
19810073977	Aircraft fuel system hardening (U)	1979
19810073979	Aircraft component hardening (U)	1979
19810073980	B-52D/GBU-15 Planar Wing Weapon (PWW) initial operational and evaluation (U)	1979
19810073993	Development of standardization lethal criteria estimating guidelines and documentation (U)	1979
19810074026	Advanced Conventional Standoff Missile (ACSM) study. Volume 10. Appendix F. Preliminary RACG/ACSM system characteristics (U)	1979
19810074038	Advanced Strategic Air Launched Missile (ASALM) guidance technology demonstration program. Volume 1: Summary and program plans (U)	1979
19810074045	Advanced Strategic Air Launched Missile (ASALM) guidance technology demonstration program. Volume 3: Recommended system design (U)	1979
19810074048	SH-3H ASW Mission effectiveness study. Volume 1. Analysis (U)	1979
19810074049	Evaluation camouflage colors for the F-16, phase 2 (U)	1979
19810074052	Innovative strategic aircraft design study (U)	1979
19810074054	Tactical COMINT pod feasibility demonstration/evaluation (U)	1979
19810074055	Laser induced damage to aircraft components: A final data reduction and a correlation methodology (U)	1979
19810074066	Antiship cruise missile tactical utility study (U)	1979
19810074074	Bomber defense mission development comparative cost/effectiveness study (U)	1979
19810074077	Innovative Strategic Aircraft Design Study (ISADS) phase 2 (U)	1979
19810074082	Advanced technology cruise missile study (U)	1979
19810074088	Minuteman Defense Study (MDS-III), Volume 8. Supporting technical considerations: Part 3. ECM studies (U)	1979
19810074090	TF30-P-100 performance baseline and trending test	1979
19810074091	Methods of experimental analysis of unsteady flows in turbomachines	1979
19810074095	AFTI-111 2-D nozzle preliminary system study. Volume 4: Radar cross-section study and performance refinement (U)	1979
19810074109	The engineering arsenal for cosmonautics	1979
19810074111	Navy space study. Communication, navigation, environmental. Volume 1, annex 1 (U)	1979
19810074112	Navy space study. Communication, navigation, environmental. Volume 2, annexes 2, 3 and 4 (U)	1979
19810074121	Mobile laboratory	1979
19810074125	Gryoaerodynamic satellite orientation system	1979
19810074134	New system construct interceptor, phase 3. Spin Stabilized Impulsively Controlled Missile (SSICM) (U)	1979
19810074140	Satellite materials hardening (SMATH 4). Volume 1: Thermo materials analysis and tradeoffs (U)	1979
19810074145	Experimental assessment of Hawk Rocket-Motor vulnerability (U)	1979
19810074159	Advanced Conventional Standoff Missile (ACSM) study. Volume 2: Development of point design (U)	1979
19810074160	Advanced Conventional Standoff Missile (ACSM) study. Volume 2: Utility and effectiveness analysis (U)	1979
19810074187	Patriot performance against low altitude. Small radar cross-section cruise missiles (U)	1979
19810074203	Advanced Conventional Standoff Missile (ACSM) study. Volume 2: Development of a point design task 1 (U)	1979
19810074204	Advanced Conventional Standoff Missile (ACSM) study. Volume 1: Executive summary (U)	1979
19810074205	Advanced Conventional Standoff Missile (ACSM) study. Volume 3: Utility and effectiveness analysis task 3 (U)	1979
19810074206	Initial production test (IPT) of the MIM-72C Chaparral Missile (U)	1979
19810074230	Advanced Conventional Standoff Missile (ACSM) study. Volume 9. Appendix E. ROCS/Inertial navigation guidance system for the boost glide ACSM (U)	1979
19810074231	Advanced Conventional Standoff Missile (ACSM) study. Volume 2. Appendix G. Precision Location Strike System (PLSS) (U)	1979
19810074232	Advanced Conventional Standoff Missile (ACSM) study. Volume 12. Appendix H. ACSM radar study (U)	1979
19810074245	Endo-homing maneuver control study, phase 1: Concept formulation and analysis. Task 2, Maneuver control concept evolution (U)	1979
19810074249	Minuteman Defense Study (MDS-III), Volume 8. Supporting technical considerations: Part 5. Command, control and communications C3 (U)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810074250	Minuteman Defense Study (MDS-III), Volume 8. Supporting technical considerations: Part 6. Bulk filtering of traffic decoys on the basic wake observables (U)	1979
19810074251	Minuteman Defense Study (MDS-III), Volume 8. Supporting technical considerations: Part 7. Site physical security (U)	1979
19810074252	Minuteman Defense Study (MDS-III), Volume 8. Supporting technical considerations: Part 8. Angle only track initialization (U)	1979
19810074259	Mud Transmitter (U)	1979
19810074264	Endo-homing maneuver control study. Phase 1. Concept formulation and analysis (U)	1979
19810074279	SMATH IVG thermal control thermal analysis, part 1 (U)	1979
19810074311	Assessment of propulsion system effluent detectability	1979
19810074313	Development and demonstration of a MK-17 reduced smoke rocket motor for the AIM-9 R/E/J missile system. Volume 2: Appendices (U)	1979
19810074321	MSMP TEM-1 infrared plume data analysis (U)	1979
19810074325	Inorganic fluorine-based oxidizers	1979
19810074326	Physics and chemistry of the processing of materials (selected articles)	1979
19810074327	The progress of chemistry, metallurgy and chemical technology in the USSR	1979
19810074334	A nonsteady-state method for the complex determination of the thermophysical properties of high-temperature materials	1979
19810074344	Coagulation kinetics in an aerosol with a continuous afflux and efflux of particles	1979
19810074346	Mathematical modeling of the carbon gasification program process	1979
19810074347	Residual stress behavior in fast neutron irradiated SA AISI 304L stainless steel cylindrical tubing	1979
19810074348	Metallography (selected pages)	1979
19810074351	Low-cycle fatigue behavior of titanium alloys	1979
19810074352	Semifinished titanium alloy articles for the national economy	1979
19810074353	Production and properties of plutonium powder	1979
19810074354	Study of the effect of hydrogen on gamma yields alpha transformation in martensite-aging steel during welding	1979
19810074356	Use properties for the cast alloy Titanium TA6 V whether densified or not by hot isostatic compaction. Analysis of tests carried out by the C. E. A. T. between 1972 and 1978	1979
19810074358	Paint and varnish materials. Methods for determining the relative viscosity	1979
19810074359	Paint and varnish materials, methods of obtaining free films	1979
19810074360	Soviet plastics (Selected Articles)	1979
19810074361	Technology of paint and varnish coats in machine-building. Part 1	1979
19810074362	Technology of paint and varnish coats in machine-building. Part 2	1979
19810074363	Acrylonitrilebutadiene styrene plastic SNIP: Specifications	1979
19810074415	Development of minimum smoke propellant (U)	1979
19810074416	PEG/SYEP propellant evaluation (U)	1979
19810074432	Residual stresses parts made of pressed materials	1979
19810074433	USSR Report: Physics and mathematics. Quantum electronics	1979
19810074434	Decisive role of viscoelastic properties of polymers in the mechanism of their laser destruction	1979
19810074435	Gas dynamical laser with thermally nonequilibrium electric arc heating of the working medium	1979
19810074437	Investigation of characteristics of a fast-flow continuously operating CO2 laser excited by a self-maintained direct-current discharge	1979
19810074438	Analytical theory of pulsed lasing of a CO laser with line selection	1979
19810074439	Efficiency of excimer lasers utilizing molecules of halides of noble gases excited by an electron beam	1979
19810074475	Certain features of the propagation of electromagnetic waves in a magnetized ferromagnetic	1979
19810074477	A method for measuring the thickness of ice	1979
19810074502	Radar cross section measurements of the advanced maneuvering reentry vehicle (AMARV) (U)	1979
19810074503	Ramjet inlet RCS reduction, phase 1 (U)	1979
19810074521	Tactical radar technology study (U)	1979
19810074525	Enigma of the AN/FPS-95 OTH radar (U)	1979
19810074527	Low cost real time processor SAR systems, volume 2 (U)	1979
19810074529	RAT SCAT Radar cross section measurements of the B-1 antenna modules (U)	1979
19810074534	RPV command and control antenna study, volume 2 (U)	1979
19810074535	RPV command and control antenna study, volume 3 (U)	1979
19810074568	Unattended radar communications design (U)	1979
19810074572	Ramjet inlet Radar Cross Section (RCS) reduction (U)	1979
19810074586	An adaptive antenna study for advanced spread spectrum CNI systems (U)	1979
19810074606	OTH-R investigations. Phase 2 (U)	1979
19810074626	Early warning/attack assessment requirements for radar systems (U)	1979
19810074628	Adaptive processors for HF interference suppression. Volume 2, Addendum (U)	1979
19810074629	Adaptive processor for HF interference suppression, volume 1 (U)	1979
19810074631	Radar warning receiver C/D band D.F. specification compliance test final engineering report for TIS CP083GF036.01 (U)	1979
19810074635	Terminal defense technology validation program. Volume 7: System integration and test (U)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810074636	Terminal defense technology validation program. Volume 3: Radar subsystem (U)	1979
19810074637	Terminal defense technology validation program. Volume 2: System analysis (U)	1979
19810074638	Terminal defense technology validation program. Volume 1: Executive summary and conclusions (U)	1979
19810074643	TEWS RWR low band of antenna pattern tests for CCP-122 (U)	1979
19810074649	Dome antenna/Rotman lens system application study (U)	1979
19810074651	Designating Optical Tracker Flight 1A final report. Volume 6: Mission operations and engineering data analysis (U)	1979
19810074662	TRISAT analysis and library support (U)	1979
19810074670	Protection of reversible thyristor converters	1979
19810074671	Microelectronics, part 1	1979
19810074672	Two-stage electroexplosive current breaker	1979
19810074674	Disconnecting switches	1979
19810074675	Integrated microcircuits terms and definitions	1979
19810074680	Numerical method for two-dimensional viscous flow calculations by means of the stationary Navier-Stokes equation evolution approximation	1979
19810074682	Gas flow in nozzles, chapter 4	1979
19810074683	Experimental analysis of the boundary layer transition with a zero or positive pressure gradient	1979
19810074684	Numerical investigation of flow and heat exchange in a porous plasmatron channel	1979
19810074687	Boundary layer measurements alternatives study. Volume 1. Alternatives analyses (U)	1979
19810074689	Device for determining the amplitude-frequency characterizations of an accelerometer	1979
19810074696	Lasers and chemistry	1979
19810074715	Experimental determination of laser penetration energies at 3.8 micrometers selected missile dome materials (U)	1979
19810074729	HELWS definition study identification of candidate configurations. Volume 3: HELWS segment concepts definition (U)	1979
19810074731	HELWS definition study. Identification of candidate configurations. Volume 1: Summary (U)	1979
19810074742	High Energy Laser Countermeasures (HELCSM), Volume 1 (U)	1979
19810074743	High Energy Laser Countermeasures (HELCSM). Volume 2: Technical appendix (U)	1979
19810074746	Aircraft windscreen irradiation by a high energy laser (U)	1979
19810074747	High Energy Laser Kill Systems (HELKS) requirements definition study. Volume 1 (U)	1979
19810074748	High Energy Laser Kill Systems (HELKS) requirements definition study. Volume 2: Integrated technology plan (U)	1979
19810074750	High power visible laser review (U)	1979
19810074755	Laser reflectivity studies. Volume 1: Effects of reentry on laser scattering at 1.06 microns (U)	1979
19810074756	Sprayable laser barrier materials (U)	1979
19810074770	Combined heat treatment and precision stamping of blade banks	1979
19810074772	Device for fastening a shaping plate on a cylinder	1979
19810074774	Electrical capacitance converters for nondestructive inspection	1979
19810074776	Adhesive strength of layered systems	1979
19810074797	Performance evaluation of image registration (U)	1979
19810074802	Calculation and analysis of the parameters of the magnetic system of a superconducting inductive energy store made in the form of a round coil	1979
19810074807	The magnetosphere as an alfvén maser	1979
19810074808	Question of the tie between aerosol scattering and humidity of air	1979
19810074810	Physical principles of the effect on atmospheric processes, selected chapters	1979
19810074811	A subsystem for the reception and preparation of meteorological data on the base computer of the USSR Hydrometeorological Center	1979
19810074812	How do the cosmonauts feel	1979
19810074813	So we can see everything from above	1979
19810074815	Transactions of the Leningrad aviation instrument building (selected articles)	1979
19810074816	New computers - in system	1979
19810074817	Electronic computers and systems (chapters 15, 16, and 17)	1979
19810074818	Analytical probability models of electronic computer functioning, chapters 1 and 6	1979
19810074819	Control instruments and systems (selected articles)	1979
19810074821	Modular missile borne computers. Volume 11: IOS/DP applicability (U)	1979
19810074823	Solvability of boundary and initial-boundary problems for Navier-Stokes equations in domains with noncompact boundaries	1979
19810074829	Studies and research concerning BNFP, FY 1978 preliminary engineering design concept analysis and pu-238 heat spike fuel cycle impacts	1979
19810074840	Acoustic-optic equipment for the spectral and correlation analysis of signals	1979
19810074841	Optical properties of sprayed coatings	1979
19810074848	Longwave IR mosaic sensor processing study (U)	1979
19810074858	Endoatmospheric Optical Sensor (EOS) performance program (U)	1979
19810074873	Optical designation evaluation (ODE) (U)	1979
19810074881	Reference image simulation (U)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810074883	Data Processing for Advanced Midcourse Optical Sensors (DPAMOS). Volume 1: Conclusions and recommendations (U)	1979
19810074884	Data Processing for Advanced Midcourse Optical Sensors (DPAMOS). Volume 2: Data processing for spectral imaging sensor (U)	1979
19810074885	Data Processing for Advanced Midcourse Optical Sensors (DPAMOS). Volume 3: Data processing for ambient detectors (U)	1979
19810074886	Data Processing for Advanced Midcourse Optical Sensors (DPAMOS). Volume 5: Data processing for wide angle optics (U)	1979
19810074887	Data Processing for Advanced Midcourse Optical Sensors (DPAMOS). Volume 4: Data processing for the ENDO homing sensor, the high ENDO designation sensor, and advanced data extraction techniques (U)	1979
19810074889	Endoatmospheric Optical Sensor (EOS) performance program, software documentation. Volume 1: Users and maintenance manual (U)	1979
19810074890	Endoatmospheric optical sensor (EOS) performance program software documentation. Volume 2: User and maintenance manual-program listings (U)	1979
19810074892	Designating Optical Tracker (DOT) flight 1A. Volume 3: LWIR measurements and background results (U)	1979
19810074894	Pulsed optical limiter effect (U)	1979
19810074896	Application algorithms for optical data processing (U)	1979
19810074898	Advanced hardened mosaic technology. Volume 1: Mosaic system development (U)	1979
19810074903	History of development and latest achievements in plasma focus research	1979
19810074905	Study of the parameters of the racemic and optically active forms of a liquid crystal	1979
19810074907	The introduction of chiral structure in nematic liquid crystals	1979
19810074922	Journal of the academy of UZBEK SSR selected articles	1979
19810074923	Military technology (selected articles)	1979
19810074948	Analytical and experimental wake analysis for large aircraft	1979
19810074957	How to increase speed and savings? Simple introduction to the technique of optimization	1979
19810074958	Built-up low cost advanced titanium structures blats	1979
19810074961	Design investigation for electro-mechanical rotary actuation concepts for V/STOL aircraft (ROTAC)	1979
19810074963	Airborne Targeting Acquisition Fire Control System (ATAFCS) modification and refurbishment program	1979
19810074973	GBU-15 imaging infrared advanced development captive flight test program (U)	1979
19810074976	Analysis of the survivability of US Advanced Technology Cruise Missile. Configurations in a surface to air missile threat environment (U)	1979
19810074985	Infrared and light instruments in homing and guidance of aircrafts (selected chapters), part 1	1979
19810074986	Test and evaluation of an evaporative cold plate for thermal control of avionics equipment	1979
19810074990	Fluidic flight control technology evaluation: Problem areas and proposed solutions	1979
19810074991	Developing flight skills on the ground	1979
19810074992	Study of space environment physical processes and coupling mechanisms	1979
19810075019	AIM-9M Sidewinder initial operational test and evaluation test plan (U)	1979
19810075091	Theoretical principles of automatic control of rocket propulsion plants	1979
19810075094	V. P. Glushko and rocket-engine construction	1979
19810075102	Improved Boron Nitride - Boron nitride composite material	1979
19810075105	Photolysis of RDX. Identification and reactions of products	1979
19810075108	Mass and momentum transfer characteristic in polydisperse aerosols	1979
19810075109	Strengthening of metals by means of fibers, chapter 6 and 7	1979
19810075111	Effect of the superplasticity of metals and of alloys	1979
19810075112	Effect of the remelting in a vacuum ARC furnace on the service life of bearing steel	1979
19810075113	Cobalt base alloys fabricated by powder metallurgy for compressor and turbine discs	1979
19810075116	Paint and varnish materials and their application (selected articles)	1979
19810075117	Modified epoxy bonding agent for protective coatings	1979
19810075118	Determination of the coefficient of the use of a polymer material in the application of coatings in a vacuum	1979
19810075160	Mechanization Automation Administration (selected articles)	1979
19810075165	Hybrid ray-mode formulation of tropospheric propagation	1979
19810075166	Case studies of tropospheric propagation in laterally homogenous guides	1979
19810075167	Electromagnetic propagation assessment	1979
19810075168	A proposal to investigate the incidence of anomalous propagation in the North-Western Atlantic	1979
19810075169	Assessment of microwave propagation in the lower troposphere from large scale model output	1979
19810075170	Diagnosis of elevated ducts by means of equivalent altitude	1979
19810075171	Experimental study of elevated ducts	1979
19810075172	Radar clutter under atmospheric ducting conditions	1979
19810075173	Maritime surface ducting: UK measurement and theory	1979
19810075177	Precision tracking radar antenna	1979
19810075179	Millimeter wave semiactive guidance program (U)	1979
19810075187	High-voltage pulse voltage generator	1979
19810075189	Use of multigap discharges with improved characteristics in high-voltage generators of pulsed voltages	1979
19810075190	Pulse voltage generator	1979
19810075191	The effect of contact material on the breaking capacity of a synchronized explosion breaker	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075192	A power-supply system for the superconducting magnets of an 800 x 2000 Gev accelerator storage unit	1979
19810075193	Mobile transfer device of an aircrafts wiring system	1979
19810075194	The question of analysis of the electromagnetic process in a pulse transformer during capacitor discharge	1979
19810075204	A correlative laser spectrometer for immunological and virological analyses	1979
19810075210	Intensification of laser treatment of holes by electric discharges	1979
19810075218	Controllability of machines	1979
19810075219	Self-cleaning filters	1979
19810075221	Unusual conditions of matter superhigh pressures	1979
19810075222	Wind effects. Part 2: General structures. Citations from the Engineering Index data base	1979
19810075238	Experimental study conducted on the exploration of the phloroglucinol aerosol	1979
19810075240	Investigations on the methodology of SO2 concentration measurements in air pollution networks	1979
19810075241	Refractive index profile evolution: A numerical model study	1979
19810075242	Integrated Refractive Effects Prediction System (IREPS) and Environment Weapons Effects Prediction System (E/WEPS)	1979
19810075247	Meteorological measuring system (MMS) dropsonde and mini-refractionsonde	1979
19810075250	Experiments on animals, biopsies on humans and medical ethics	1979
19810075251	Journal of microbiology, epidemiology and immunobiology: Selected articles	1979
19810075256	Numerical experiments on comparing different methods of objective analysis	1979
19810075257	On the sensitivity of different methods of measuring magnetic fields	1979
19810075258	Electron gun in space	1979
19810075266	Control and new technology research, developments, introduction	1979
19810075274	USSR report: Physics and Mathematics	1979
19810075275	Experimental investigation of a mixing-type gas dynamic CO2 laser	1979
19810075276	Hungarian-Soviet cooperation in solid state physics	1979
19810075279	The mighty wings of the motherland	1979
19810075281	One formulation of the problem of the wing of minimum resistance	1979
19810075308	Hypersonic flow past delta wing with detached shock wave on leading edges	1979
19810075314	Kevlar mid-air retrieval parachute systems/80H winch compatibility, test program	1979
19810075329	Dynamics of VTOL aircraft	1979
19810075330	Flight-mechanical and aerodynamic investigations with regard to ram wing concept	1979
19810075345	Infrared signature test of the Boeing Air Launch cruise missile AGM-86B at transonic Mach numbers	1979
19810075346	Inlet/engine characteristics of the full scale AGM-109 Cruise Missile at subsonic and transonic Mach numbers	1979
19810075349	Aerodynamic characteristics of the full-scale Boeing Air Launch Cruise Missile wings at subsonic and transonic Mach numbers	1979
19810075350	Summary of AEDC/ETF tests on F1 engine S/N's 316-5, 315-7, 111-4, 112-3 and 342-6	1979
19810075351	Infrared signature test of the general dynamics air launch cruise missile AGM-109 at subsonic and transonic Mach numbers	1979
19810075352	What are wings made of	1979
19810075356	Manufacturing technology program for high burnout silicon Schottky barrier mixer diodes for navy air to air avionics	1979
19810075358	Infrared and light instruments in homing and guidance of aircrafts	1979
19810075359	Manual on flight operations of the aircraft of IL-62M with four engines to D-30KU, part 1	1979
19810075360	Development of turbojet materials	1979
19810075364	Development program for the Light Aircraft Electrical Power Unit (LAEPU)	1979
19810075365	Current problems in development and production of small turbine engines	1979
19810075366	Optical-electronic control-system equipment of aircraft	1979
19810075372	Work of the orbital institute	1979
19810075380	On program Interkosmos, part 1	1979
19810075381	On program Interkosmos, part 2	1979
19810075393	Advanced analysis for future missiles	1979
19810075397	Integral rocket-ramjet carbon-carbon composite combustor scale up	1979
19810075399	Rocket-Ramjet cost and reliability prediction methodologies, part 1	1979
19810075413	The effect of the technology of smelting and heat treatment on the structure and mechanical properties of steel VNL-3	1979
19810075414	Mechanism of the effect of refractory dispersed particles on the high temperature properties of heat-resistant alloys	1979
19810075415	To the pinnacles of strength	1979
19810075422	Basic directions in automating the production of fiber glass	1979
19810075423	Plastics	1979
19810075424	The physical-chemical bases of detonation gas jet application of coatings, chapters 1 and 3	1979
19810075430	Activity of the scientific council of the USSR on the chemistry of solid fossil fuel	1979
19810075437	Laboratory methods of the evaluation of the properties of motor and propellants	1979
19810075438	Control of the USSR industry	1979
19810075441	Electrons used in rolling	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075455	Data transmission: Selected pages	1979
19810075457	The Flenumweacen radar propagation analysis model	1979
19810075470	Control-measuring complex	1979
19810075477	Silicon-gate CMOS/SOS large-scale integrated-circuit process	1979
19810075479	Microelectronics, part 2	1979
19810075480	High-speed pulse switching apparatus	1979
19810075481	Multichannel discharger	1979
19810075482	A device for interrupting the current in the circuit of an inductive accumulator	1979
19810075483	A device for activating a series of parallel dischargers	1979
19810075490	How do semiconductors behave	1979
19810075491	Spectral characteristics of one set of difference schemes for Navier-Stokes equations	1979
19810075493	Initial development and evaluation of an industrial-size Schladitz fuel injector (whisker burner)	1979
19810075496	Strapdown laser gyro evaluator. Part 1, study	1979
19810075498	Holography in microwave technology	1979
19810075500	High altitude discrimination analysis. Volume 1: Phenomenology	1979
19810075502	Automation of administration of concentrating plants, part 1	1979
19810075503	Contribution to the study of power lasers and aspherical lenses	1979
19810075508	The application of drills and reamers made of steel R9K5 and R9F5 for machining corrosion resisting steel VNL-3	1979
19810075513	Rectification of photographs obtained from great heights	1979
19810075514	Physical geography from space, our commentary on the Salyut-6, Soyuz-34 mission	1979
19810075519	On some possibilities of increasing the effectiveness of the analytical solution to photogrammetric problems	1979
19810075521	The thesis spatial net	1979
19810075524	Analytic models of the process of transmission of energy with the aid of exploding conductors	1979
19810075528	Realization in the USSR of a system for monitoring of the natural environment (selected pages)	1979
19810075529	Tapping energy from an inductive accumulator by means of a heavy duty valve commutator	1979
19810075533	Advanced into depths	1979
19810075535	Subroutines and tables for geomagnetic field computations	1979
19810075538	Development of natural aerosol attenuation models using opaque. Volume 2. E-O SAEL	1979
19810075540	The problem of carbon dioxide	1979
19810075561	Tasting the space drink	1979
19810075563	Aviation Ergonomics	1979
19810075564	Bases of the theory of computing system, part 1. Chapters 1-9	1979
19810075565	Bases of the theory of computing systems, part 2. Chapters 1-9	1979
19810075567	Calculation and projection of electronic computer devices with passive reservation (selected chapters)	1979
19810075568	Design of logic units of computers on neuron elements	1979
19810075569	The great possibilities of small computers	1979
19810075570	Hybrid computers with discretely-controlled parameters (selected chapters)	1979
19810075575	Programs for processing geophysical data	1979
19810075579	Research in distributed computer systems	1979
19810075583	Nuclear science and technology in USSR, (section 2.2)	1979
19810075584	Elements of transmitters with the accelerated electron beams	1979
19810075585	Powerful electron beams and their application	1979
19810075593	Optical memory units	1979
19810075598	Studies on KEV and EV electrons in solids	1979
19810075600	Multipurpose information gathering and processing systems	1979
19810075601	Measuring-computational complexes	1979
19810075603	A radio glance at the sky and the Earth	1979
19810075610	West Europe Report. Science and technology	1979
19810075611	Present state of scientific, technical research reviewed	1979
19810075612	Policies, methods for petroleum recovery reviewed	1979
19810075614	Four-time order-wearing aerodynamics	1979
19810075637	Fifty years of Scientific Notes, 1918 - 1968	1979
19810075642	Full-scale AGM-109 inlet performance test in the AEDC 16-T transonic tunnel	1979
19810075643	Study of supersonic separated flow during flow around v-shaped wing and within a right angle	1979
19810075644	Aerodynamics of swirl spray	1979
19810075660	STOL aircraft structural vibration prediction method. Volume 1: Prediction procedure and aircraft parametric studies	1979
19810075661	STOL aircraft structural vibration method. Volume 2: Acoustic prediction details and additional plots for small STOL aircraft	1979
19810075670	Production Validation Test Government (PVT-G) performance guarantees UH-60A Black Hawk helicopter	1979
19810075704	An estimate of optimum gas temperatures for obtaining maximum specific thrust before a turbine of a turbojet engine with consideration of losses in cooling	1979
19810075705	Bypass engine design characteristics from the point of view of engine performance	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075709	Maritime patrol aircraft engine study, General Electric derivative engines. Volume 1: Analysis, cost, installation and development data	1979
19810075715	A feasibility study of a fluidic fuel control for a supersonic expendable turbojet engine	1979
19810075719	Dispersed and reconfigurable digital flight control system study. Volume 2. Appendix d, simulation software	1979
19810075720	Dispersed and reconfigurable digital flight control system study. Volume 1. Sections 1 - 10, Appendixes A, B, C	1979
19810075728	Steps forward in space technology Salyut-6-Soyuz, our commentary	1979
19810075733	Satellite Control Satellite (SCS). Volume 1: Functional and performance requirements	1979
19810075735	Satellite Control Satellite (SCS). Volume 3: Space segment	1979
19810075737	Satellite Control Satellite (SCS), volume 4. Part 2, ground segment and operations concept definitions	1979
19810075738	Satellite Control Satellite (SCS). Volume 5: Options assessment and life cycle cost estimates	1979
19810075739	Satellite Control Satellite (SCS). Volume 6: Environmental effects and other analyses	1979
19810075740	Satellite Control Satellite (SCS). Volume 7: Satellite control system. Statement Of Need (SON)	1979
19810075741	Satellite Control Satellite (SCS). Volume 8: Executive summary	1979
19810075747	Multimode Guidance Unit MMGU concept definition phase. Volume 4: Cost estimate for prototype phase	1979
19810075752	Space nuclear rocket engines	1979
19810075759	Impulsive loading of tape wound carbon phenolic	1979
19810075760	Preliminary reports, memoranda and technical notes of The Materials Research Council Summer Conference	1979
19810075763	The influence of fillers in the technological properties of molding materials	1979
19810075767	Flame stabilization in the combustion chamber of a gas turbine engine with a film type carburation	1979
19810075768	Hole interactions in CFRP and aluminum alloys	1979
19810075779	General metallurgy	1979
19810075780	Instead of gold	1979
19810075783	Application of rapidly solidified superalloys. Basic studies in directional recrystallization, phase 9	1979
19810075793	Laminated plastics	1979
19810075803	Integral molding production verification	1979
19810075818	Calculating the optimal parameters of the hot-pressing process by piercing pipes made from a fibrous composite material with longitudinal reinforcement	1979
19810075819	Forging and stamping	1979
19810075837	Information processing techniques program. Volume 2. Acoustoelectric devices	1979
19810075850	Exercise book on radar systems	1979
19810075863	Calculation, comparison and optimization of magnetic systems of superconducting inductive energy accumulators with various geometric shapes	1979
19810075864	Heavy-duty magnetocontrolled commutator with valve properties	1979
19810075865	Optimizing the parameters of the sectioned input of high voltage pulses with a steep leading edge	1979
19810075866	Transformer generator of current pulses with a superconducting inductive energy accumulator	1979
19810075871	Discontinuities in two phase flow	1979
19810075876	Miss Distance Sensor (MDS) system	1979
19810075879	Advanced Gas Dynamic Laser (GDL) reactant performance	1979
19810075893	Principles of program control of machines	1979
19810075894	State and prospects for the development of hydraulic presses	1979
19810075905	High strength steel weldment subcritical cracking program. Base line materials characterization	1979
19810075907	Oscillations of elasto-plastic bodies	1979
19810075916	Physical properties data complications relevant to energy storage. Storage. 2: Molten salts. Data on single and multicomponent salt systems	1979
19810075917	Cryo-cooled power generator study program	1979
19810075922	On the role of mathematical-statistical methods in geodesy	1979
19810075929	Meteorological monthly of the USSR, weekly data. Part 1. August 1973	1979
19810075930	Meteorological support of aviation in the Great Patriotic War	1979
19810075940	Multisensor standard macro function study	1979
19810075941	An experimental implementation of MASCOT on the Marconi Myriad computer	1979
19810075950	Physics journal	1979
19810075951	Biological effects of ultrasound and their relevance to the establishment of safety standards for the exposure of divers to intense ultra sound	1979
19810075954	Linear accelerator of heavy charged particles of the KhFTI as USSR	1979
19810075955	High-voltage pulsed modulator of a high-current electron accelerator KLIN-V	1979
19810075956	Two-dimensional nonstationary model of electron beam propagation in vacuum	1979
19810075969	Translations on USSR science and technology: Physical sciences and technology	1979
19810075970	Description of new M-10 synchronous multiprocessor computer	1979
19810075971	Prediction of earthquakes by the method of electrical depth sounding of Earth's crust by utilizing the Pamir-1 MHD generator	1979
19810075972	Correlation between seismicity and velocities of longitudinal seismic wave propagation along the mohorovicic discontinuity	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075973	Air and cosmos details ELMA processing equipment. ELMA program	1979
19810075974	Inert gas halide electron-beam controlled lasers	1979
19810075975	New directions in the work of the State Geodetic Service	1979
19810076081	Design and construction of Vertical Take-Off and Landing aircraft	1979
19810076085	An analysis of damaged fishbed fuselages	1979
19810076090	Contaminants found in the JUH-1H and JU-21G aircraft bleed air	1979
19810076098	Translation: World Space Research, volume 1, 1970-1973	1979
19810076099	Soviet space research in 1970	1979
19810076100	Non-Soviet space research in 1970	1979
19810076101	Soviet space research in 1971	1979
19810076102	Non-Soviet space research in 1971	1979
19810076103	Soviet space research in 1972	1979
19810076104	Non-Soviet space research in 1972	1979
19810076105	Soviet space research in 1973	1979
19810076106	Non-Soviet space research in 1973	1979
19810076154	USSR Report: Electronics and electrical engineering	1979
19810076155	Analysis of Bayes Amplitude estimates with intermittent signal distortions	1979
19810076156	Potential noise stability of reception of signals with discrete frequency modulation on a noise and structural interference background	1979
19810076157	Determination of the zone of a guaranteed signal level in a satellite communication system	1979
19810076158	Millimeter wave solid state oscillators	1979
19810076159	The filtering capability of digital frequency synthesizers	1979
19810076160	Noise stability of detection of relative phase telegraphy signals in optical data transmission lines	1979
19810076161	Evaluation of the quality of detection of a weak optical signal	1979
19810076162	The cascade connection of surface acoustic wave filters	1979
19810076163	Optimization of parameters of a multichannel pulse signal scan device	1979
19810076164	Reception noise resistance in a system with qam and complex signals under pulse interference conditions	1979
19810076165	Distinguishing age categories of sea ice in radar and radiothermal observations in the microwave band	1979
19810076166	Optimum evaluation of the parameters of trajectories of a group of moving objects	1979
19810076167	A unified representation of the orthogonal matrices used in digital signal processing	1979
19810076168	USSR Report: Physics and mathematics. Quantum electronics	1979
19810076169	Digital data processing with optoelectronic devices	1979
19810076175	Selected articles from the journal Quantum Electronics	1979
19810076176	High speed wide band electrooptical lithium niobate elements for laser beam control systems	1979
19810076177	Use of excited atoms in thermally initiated visible chemical laser	1979
19810076178	Chain-reaction visible chemical lasers	1979
19810076179	Feasibility of a gas-dynamic laser operating on transitions between twin CO2 mode levels	1979
19810076180	Effect of the degree of polarization on the gain in the presence of stimulated Raman scattering	1979
19810076182	Frequency tuning in a dye laser with a Bragg mirror utilizing a cholesteric liquid crystal	1979
19810076183	Generation of high power ultrashort pulses by a low temperature ruby laser with small volume of the active medium	1979
19810076184	Study of a pulsed H2-F2 chemical laser at high pressures of the working medium	1979
19810076185	Effect of photoinitiating materials on the generation of a pulse to HF chemical laser	1979
19810076186	Measurement of the amplification coefficient in a supersonic mixing jet for D-O3-CO2	1979
19810076187	Study of the energy parameters of an electron beam initiated ClF-H2 chemical laser	1979
19810076188	Effect of group velocity mismatch on the reproduction of the pumping spectrum in the case of stimulated scattering	1979
19810076189	Vibration damping systems in machines and mechanisms	1979
19810076190	Active vibroprotection systems	1979
19810076191	An active vibroprotection system with control with respect to low-frequency and vibrational perturbations	1979
19810076192	Some problems of vibrocompensation of elastic systems	1979
19810076193	Wave propagation over thin walled rods	1979
19810076194	On approximate theories of flexural vibrations of rods	1979
19810076195	Investigation of space time coherence of some types of acoustic fields	1979
19810076196	A method of vibration damping in some rod structures	1979
19810076197	On the operation of rubber metal shock absorbers	1979
19810076198	Evaluating the loading capacity of an air-cushion support	1979
19810076199	Problems of acoustic diagnosis	1979
19810076200	Ball bearing diagnosis by a vibration method	1979
19810076201	Localization of acoustic sources	1979
19810076202	On the problem of vibration diagnosis of technological flaws in electric machines	1979
19810076203	Software system for checking and diagnosing electronic machines	1979
19810076217	Surface duct effects on radar/ESM detection range	1979
19810076226	Crystal oscillator, temperature compensated	1979
19810076229	Shelf-life design modification MTZ-3001	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076238	Having overcome the sound and other barriers	1979
19810076244	Meteorology and Hydrology, no. 2, February 1979	1979
19810076245	Objective analysis of wind fields	1979
19810076246	Use of results of asynchronous meteorological measurements	1979
19810076247	A new approach to study of solar-terrestrial relationships	1979
19810076248	Diffusion of particulate matter in the atmospheric boundary layer	1979
19810076249	Computation of some characteristics of rainfall intensity	1979
19810076250	Interaction between the boundary layers of the ocean and atmosphere in a tropical cyclone	1979
19810076251	Influence of ocean contamination by a petroleum film on oxygen exchange with the atmosphere	1979
19810076252	Water Circulation in the winter of 1978 accompanying an anomalously well-developed cyclonic meander of the Kuroshio to the south of Japan	1979
19810076253	Determination of indices of runoff losses for long-range prediction of spring high water	1979
19810076254	Application of similarity theory to computation of evaporation from a water surface	1979
19810076255	Method for predicting the state of winter crops up to cessation of their growing season	1979
19810076256	Convection under the conditions of a large city	1979
19810076257	Parameterization of atmospheric effects in problems of numerical modeling of sea dynamics	1979
19810076258	Reasons for the formation of ridged relief on the surface of floodplains of meandering rivers	1979
19810076259	Multiple scattering in turbid media consisting of spherical particles	1979
19810076260	Experience in supplying the fishing fleet with data on the regime of dangerous and particularly dangerous hydrometeorological phenomena	1979
19810076305	Passive Refractive Index by Satellite Monitoring (PRISM)	1979
19810076306	Operational employment of airborne microwave refractometer	1979
19810076307	World-wide statistics of tropospheric ducting characteristics	1979
19810076308	Experimental research on the atmospheric aerosol	1979
19810076313	A preliminary assessment of temperature induced radiosonde humidity errors and effects on apparent low level refractive structures	1979
19810076314	Directory of hydrometeorological instruments and installations	1979
19810076317	A simulator study to show the effect of the MONOHUD and its mounting assembly on the pilots initial contact with the ground in low visibility conditions	1979
19810076341	West Europe Report: Science and technology	1979
19810076342	International organization supporting research in developing countries	1979
19810076343	European Space Agency's research plans outlined	1979
19810076365	Translations on USSR science and technology: Physical science and technology	1979
19810076366	The most important methods of increasing the effectiveness of utilizing computer technology	1979
19810076367	Problems of computer technology and fundamental research	1979
19810076368	The experimental computer network of the Latvian SSR Academy of Sciences	1979
19810076369	The configuration of open network remote data processing systems of the yeS EVM	1979
19810076370	The resolution of a synthesized aperture radar when observing the sea surface	1979
19810076371	Principal results of seismic investigations in the Frunze prognostic test site	1979
19810076372	Optical science in Belorussia	1979
19810076373	The development of integrated optics in the USSR	1979
19810076374	Spectrometric environmental investigations in the visible region from the Salyut-4 orbital scientific station	1979
19810076375	Atomic emission spectral analysis using lasers	1979
19810076376	West Europe Report: Science and technology	1979
19810076377	Microprocessor technology in heating, manufacturing discussed	1979
19810076378	Private effort to develop synthetic fuel reported	1979
19810076379	Use of hydrogen as aircraft, motor fuel studied	1979
19810076380	New developments in automotive electronics outlined	1979
19810076381	Problems in deriving energy from biomass discussed	1979
19810076382	Society's technology investment policies outlined	1979
19810076429	Inlet/compatibility test of the full-scale Boeing air launched cruise missile (AGM-86B)	1979
19810076435	Development of advanced conceptual STOL fighter designs, volume 1	1979
19810076469	The walls of a house among the stars. Our commentary on the Salyut-6-Soyuz-12 Mission	1979
19810076488	Multimode guidance study. Volume 1: Executive summary, revision A (U)	1979
19810076490	Multimode guidance study. Volume 3: Technical tradeoffs and considerations (U)	1979
19810076504	Adaptive telemetric device	1979
19810076507	Jet control systems of space vehicles	1979
19810076521	Low signature propulsion development (U)	1979
19810076526	Chemical treatment of two-layer nickel-chromium composite electrolytic coatings	1979
19810076531	Radiation activated processes in silicon	1979
19810076536	Isothermal forging of blades	1979
19810076540	Plastics (Selected Articles)	1979
19810076541	Destruction of pigmented coating based on copolymer BMR-5 during UV-irradiation	1979
19810076542	Plastics based on linear polyimides	1979
19810076543	Graphic determination of some characteristics of glass-fiber reinforced plastics	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076546	Qualification test results for Scott Paper Co. blue hybrid polyester foam	1979
19810076548	Influence of polymer admixtures on convective heat exchangers	1979
19810076549	Water resistance of phenol fiberglass	1979
19810076551	Gost 12294-60: Electrical insulating impregnating varnish FL-98	1979
19810076563	Inventor and the innovator (selected articles)	1979
19810076566	Technology of casting controllable-pitch propeller blades in a ceramic-lined permanent mold	1979
19810076578	Radar clutter data collection, calibration, digitization, and analysis	1979
19810076602	Radio and television electronics (selected articles)	1979
19810076605	Ku-band amplifier development	1979
19810076624	Compressed-gas lasers, chapters 2 and 3	1979
19810076631	01Multiwavelength filter concepts (U)	1979
19810076648	Geodesy and cartography	1979
19810076653	Change in the concentration of atmospheric aerosols with the passage of fronts	1979
19810076656	Small computer system	1979
19810076657	International system of small computers	1979
19810076660	Computer technology of the Socialist countries	1979
19810076661	Simulating microprocessor systems	1979
19810076675	Fiber optics in aircraft and rocket engineering, chapters 3 and 5	1979
19810076690	Scientific-Technical Progress and revolution in military work (selected chapters)	1979
19810076698	An approximate solution to the transonic flowfield around a wing pylon store configuration by the integral equation method	1979
19810076704	Flight loads on a Beech Queen Air doing low-level magnetic surveying	1979
19810076726	Development of advanced conceptual STOL fighter designs. Volume 2 appendix C: Comparisons of STOL designs with operational fighters (U)	1979
19810076746	FY81 WSEP F-16 firing plan	1979
19810076777	Automated composite material transfer	1979
19810076788	Nitrogen trifluoride oxidizer system design criteria development	1979
19810076789	Effect of turbulence on hydrocarbon combustion in a stirred combustor	1979
19810076794	Metal plating (selected pages)	1979
19810076815	Integral molding production verification	1979
19810076816	Propulsive performance and seaworthiness of gliding vessels	1979
19810076817	Manufacturing technology for automated thermal spray process	1979
19810076833	Mirror scan antenna	1979
19810076838	Electromagnetic boundary-value problems based upon a modification of residue calculus and function theoretic techniques	1979
19810076882	Handbook on adjustment of electrical installations. Section ten	1979
19810076912	A review of available tube connection systems for high pressure hydraulics	1979
19810076940	Numerical solution of the problems of the dynamics of the atmosphere and ocean	1979
19810076947	Preliminary analysis and modelling based upon project opaque profile and surface data	1979
19810076975	Optical electronics	1979
19810076992	Optimal Designation Evaluation (ODE) (U)	1979
19810076993	Theoretic and experimental contributions to the theory of negative glow	1979
19810077010	Separated flow of incompressible fluid past thin wings	1979
19810077017	Gyrocon	1979
19810077023	Automation of traffic control	1979
19810077026	Test results of the Litton low-cost semi-strapped-down inertial land navigation system	1979
19810077031	Savings for a common aircraft program	1979
19810077038	United States Air Force avionics master plan, revision 1	1979
19810077049	An investigation of the effectiveness of the action of full-scale pyrotechnical ice-forming aerosol generators	1979
19810077051	Simulators	1979
19810077055	Creator of space automata	1979
19810077057	Proposed methodology for preparing an Air Force range planning document	1979
19810077069	Verification study of rocket exhaust gas diffusion model	1979
19810077079	Thermal microscopy of materials	1979
19810077081	Chemical composition and processing specifications for Air Force advanced composite matrix materials	1979
19810077082	Synthesis and radioprotective activity of the derivatives of acetamidinethiophosphate acid	1979
19810077083	Estimate of the influence of chemical kinetics on the parameters of a turbulent layer during the mixing of hydrogen and fluorine	1979
19810077084	Submillimeter microwave gas spectroscopy	1979
19810077085	Air-JP4 fast start combustor report	1979
19810077086	Gas-liquid chromatographic determination of 2, 4, 6-trinitrotoluene in octol explosives	1979
19810077093	Casting industry (selected articles)	1979
19810077094	Some observations on liquid metal embrittlement	1979
19810077097	A study of the mechanism of hot corrosion in environments containing N/lc/aC/cl/l. Task 1: Pitting. Task 2: Galvanic coupling	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077103	Plastics (selected articles)	1979
19810077104	Plastics (selected articles)	1979
19810077107	Thermal stability of heterochain polymers	1979
19810077114	Dictionary of fuels, oils, greases, additives and special fuels	1979
19810077120	Composite-type smokeless propellant	1979
19810077128	Foundry production (selected articles)	1979
19810077129	Handbook of the project engineer on automatic control systems of production (selected chapters)	1979
19810077130	Pulsed light source	1979
19810077131	Pulsed light source	1979
19810077133	Pulsed light source	1979
19810077135	Manufacturing Cost/Design Guides (MC/DG)	1979
19810077145	Radar mapping of maritime agitation from aircraft	1979
19810077149	Construction of a large transverse electromagnetic cell	1979
19810077154	Communications journal (selected articles)	1979
19810077156	The KS 60 + 60 transmission system	1979
19810077158	Measurement of the parameters of television pickup and picture tubes (selected chapters)	1979
19810077159	MBB 1.36-3 supplement to the integrated evaluation model	1979
19810077161	Electromagnetic compatibility study of a proposed UHF satellite Earth terminal at Campbell Barracks and Patch Barracks, Germany	1979
19810077164	Analysis of mathematical methods for processing radar imagery	1979
19810077165	An experimental radar apparatus for observation of the Earth from aircraft	1979
19810077177	Data transmission equipment	1979
19810077178	Communications at industrial enterprises. Part 1: The organization of industrial communications systems (selected pages)	1979
19810077179	Dynamics Explorer power subsystem study, phase A	1979
19810077188	Service record, on tube tester L1-3	1979
19810077191	Three dimensional analysis of TWT guns	1979
19810077198	Liquid-metal breaker	1979
19810077200	Calculating the flow of viscous gas in Laval's nozzle	1979
19810077205	Photographic Image Enhancement (PIE). Task 2. Rapid autoradiography	1979
19810077222	Laser on dye with electron-tube pumping, that works in the mode of the self-synchronization of modes	1979
19810077225	Characterization of atmospheric conditions at the High Energy Laser System Test Facility (HELSTF), White Sands Missile Range, New Mexico, part 1	1979
19810077230	"ASU Technology 74"	1979
19810077235	Technological features of the production of castings by lost-wax process from low-carbon stainless steels	1979
19810077238	Development of an adiabatic diesel engine	1979
19810077239	Development of improved marine gas turbine airfoils using directional solidification	1979
19810077248	The value of Manmade Geographic References test	1979
19810077249	The problematic character of automated cartographic systems	1979
19810077250	Contributions to the theory of color mixing of multispectral photographs in color-mixing projectors	1979
19810077260	USAF market penetration study of advanced energy technologies, volume 1	1979
19810077263	Physics of aerodispersed systems (selected articles)	1979
19810077264	Special features of the vertical distribution of atmospheric impurities in Moscow	1979
19810077268	Possibilities for improving the accuracy in the determination of the Fuks-Petryanov method	1979
19810077269	Study of the connection between the dispersion factor and relative humidity in model mediums	1979
19810077270	Physical characteristics of geophysical objects in polar regions	1979
19810077273	Certain measurement results for a spatial distribution of mist drops in local volumes of the chamber	1979
19810077275	The influence of forests and small woods on the climate in terms of humanbiometeorology	1979
19810077278	Journal for meteorology (selected articles)	1979
19810077279	Investigation of the possibility of extinguishing forest fires with artificially induced clouds on the territory of Khabarovskiy Kray	1979
19810077280	On calculation of biological protection for channels which transport high-energy charged particles	1979
19810077281	Intracellular distribution of organophosphorous inhibitors of cholinesterase in rat brain	1979
19810077286	Experimental psychophysiology in space research	1979
19810077290	Handbook of ergonomics	1979
19810077291	The operator and the aircraft	1979
19810077297	Calculations on ISKRA series electronic keyboard calculators	1979
19810077300	The computer helps	1979
19810077302	The problem on realization of the sitran language	1979
19810077310	The production of high transient magnetic fields up to 100 teslas by magnetic flux compression at Grenoble	1979
19810077312	Institute of high temperatures of the Academy of Sciences of the USSR	1979
19810077320	Linear induction accelerator	1979
19810077321	A device for introducing charged particles into a cyclic accelerator	1979
19810077322	Linear induction accelerator	1979
19810077331	Colorless optical glass	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077332	Allowing for the influence of multiple mediums and light refraction in the processing of underwater photos	1979
19810077339	Thermodynamic principles	1979
19810077345	Automation of control of creation and mastery of new technology	1979
19810077346	Organization of science or science of organization	1979
19810077347	Fault tolerance and architectural reliability in distributed data processing systems	1979
19810077352	Voice from a distant star	1979
19810077353	Technical-economic characteristics of contemporary large radiotelescopes	1979
19810077354	Let us greet the morning on Venus	1979
19810077358	Journal of physics and chemistry (selected articles)	1979
19810077375	A comparison of aircraft vulnerability assessment techniques. Volume 1: Nonexplosive projectiles (U)	1979
19810077464	Methodology for computation of appendage resistance	1979
19810077468	Multiple wavelength signature study (phase 1)	1979
19810077540	Guidance and control law methodology	1979
19810077543	Battle damage tolerant wing structural development program. Volume 1: Program summary	1979
19810077595	Manufacturing methods and technology for epitaxial growth of GaAsP material for use in the manufacture of Light Emitting Diodes (LED's)	1979
19810077608	Unattended radar communications system design. Volume 3: Appendices	1979
19810077609	Unattended radar communications system design. Volume 2: Sections	1979
19810077610	Unattended radar communications system design. Volume 1: Executive summary	1979
19810077623	Monolithic GaAs microwave analog integrated circuits	1979
19810077711	An experimental and analytical study of antenna window effects on aerothermodynamics	1979
19810077731	Reentry inertial reference system self-alignment technique	1979
19810077770	Effect of impact damage on the XFV-12A composite wing box	1979
19810077776	In-aircraft control box for remote function selector	1979
19810077796	Evaluation of the multicarriage bomb rack jettison computer simulation technique. Volume 1. Technical Discussion	1979
19810077800	J75-P-17 turbojet engine altitude spooldown/ windmill augmentor light-off investigation with JP-8 type fuel (engine S/N P611267)	1979
19810077806	Flight propulsion control coupling for thrust vectoring fighter aircraft, volume 2, phase 2	1979
19810077818	SCS ground segment and operations concept definitions, volume 4, part 1	1979
19810077819	Aerodynamics of the Walleye 1 extended range glide weapon	1979
19810077961	Proceedings of the Workshop on High Temperature Materials for Advanced Military Engines. Volume 1: Workshop discussions and summary	1979
19810077965	Burn/blast test of boron-tungsten composites	1979
19810077966	Study of the dynamic characteristics of composites	1979
19810077987	Effect of tempering on a set of mechanical properties of steels	1979
19810077991	Metallurgical investigation of the failure of the Chassis frame for the AN/ARC-182 radio	1979
19810077994	Elastomeric diaphragms	1979
19810078000	Polymer/solvent polymer/polymer interaction studies	1979
19810078005	Dynamic Shear/DDT test feasibility demonstration	1979
19810078006	Long term aging HTPB propellant testing program	1979
19810078017	A new transfer line for rip systems	1979
19810078090	Diode step stress testing program	1979
19810078091	Diode step stress testing program	1979
19810078093	Three-electrode discharger	1979
19810078106	A device for switching direct current in the circuits with inductive accumulators	1979
19810078124	Nonlinear studies of radiative Bremsstrahlung devices	1979
19810078137	Laser direction-finding techniques (U)	1979
19810078143	Performance of CO2 beamrider at Grafenwoehr 2 (U)	1979
19810078145	Vibration isolation: Use and characterization	1979
19810078150	Prediction of structural fatigue behavior from material stress-strain properties	1979
19810078151	Natural oscillations of laminated plates with dissipative interlayers	1979
19810078161	In search of a New Strategy	1979
19810078162	Present methods of obtaining and using aerological information and ways of their further development	1979
19810078168	Bubble memory device characterization study	1979
19810078194	Rapid melting and solidification of a surface due to a moving heat flux	1979
19810078205	KC-135A detonation avoidance for megaton yields (U)	1979
19810078215	Low-cost composite wing/fuseage manufacturing, volume 2, appendixes	1979
19810078227	Low energy laser pulsed hardening (U)	1979
19810078228	The effects of lasers on Army optics (U)	1979
19810078336	Seamless carbon/phenolic composites	1979
19810078405	Electric-field-penetration simulator for apertures	1979
19810078406	Feasibility of using the fixed-wire antennas to simulate the electromagnetic pulse induced currents and charges on the E-4	1979
19810078503	Experimental studies in space biophysics (selected articles)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078504	Problems of space biology. Gravitation and the organism	1979
19810078509	Flight and psychology	1979
19810078510	Psychological support in space	1979
19810078566	High Altitude Attitude Reference System (HAARS) development study. Volume 1: Executive summary	1979
19810078576	Structural life prediction/correlation weapon system mission mix/engine duty cycle analysis	1979
19810078584	Low cycle fatigue problem areas in the TF30-P-3 engine	1979
19810078608	Lightweight carbon-carbon exit cone investigation	1979
19810078651	Differential pressure transducer	1979
19810078654	User's guide for the Generalized Algorithm of the Seeker Simulation Executive Routine (GASSER) for LDWSS stand alone laser seeker models	1979
19810078683	Prism, passive refractive index by satellite monitoring: Preliminary measurements and results	1979
19810078703	Fibre optics activities in Europe: The complete report on the June 1978 survey	1979
19810078758	Battle damage tolerant wing structural development program. Volume 2: Detailed development	1979
19810078767	Maritime Patrol Aircraft engine study, PWA derivative engines. Volume 1: Analysis, cost, installation and development data	1979
19810078790	Qualification testing of the XM5451 rocket motor case	1979
19810078824	Elastomeric diaphragms	1979
19810078939	Industry perspective on simulation methods and research for the validation and failure effects analysis of advanced digital flight control avionics	1979
19810078940	Industry perspective on simulation methods and research for validation and failure effects analysis of advanced digital flight control/avionics	1979
19810078941	Industry perspective on simulation methods and research for validation and failure effects analysis of advanced digital flight avionics	1979
19810078967	Studies of the utility of remotely sensed data for making mobility estimates using AMC mobility models	1979
19810078982	Extreme wind speeds at 129 stations in the contiguous United States	1979
19810079053	WOWS: A real time sensor for automatic detection and recognition of wire objects	1979
19810079071	Maritime Patrol Aircraft (MPA) concept formulation. Allison engine studies	1979
19810079089	Maritime Patrol Aircraft (MPA) engine studies. Program and cost data	1979
19810079119	Tri-fast hardware-in-the-loop simulation. Volume 2: Tri-fast mathematical modeling description	1979
19810079133	Methodology investigation: Instrumental analysis of missile exhaust products	1979
19810079135	Fatigue spectrum sensitivity study for advanced composite materials	1979
19810079136	Advanced composites in-process controls/inspection	1979
19810079138	Environmental sensitivity of advanced composite. Volume 1: Environmental definition	1979
19810079201	Nitro ingredient feasibility demonstration	1979
19810079206	Alternative sources for propellant ingredients	1979
19810079288	X-ray emission from compact groups of galaxies	1979
19810079294	Molecular collisions in a laser field: Basis set selection and the rotating-wave approximation	1979
19810079307	Selected articles from the journal Quantum Electronics	1979
19810079308	On the properties of cavities with wavefront-reversing mirrors	1979
19810079309	Investigation of laser damage to crystals under the action of a CaF ₂ :Er ³⁺ laser (lambda = 2.76 micrometers)	1979
19810079310	Characteristics of radiation emitted by a periodically pulsed CO ₂ laser using an air-CO ₂ mixture	1979
19810079311	Limiting resolution of a polarization interferometer and measurement of the radius of curvature of the phase front of laser beams	1979
19810079312	Heating of metals by pulsed CO ₂ laser emission	1979
19810079313	Measuring the population of the upper laser level of the CO ₂ molecule and the gain of the active medium in a waveguide discharge channel	1979
19810079314	Design and method of calculating an inductive accumulator for laser pumping	1979
19810079315	Heat lenses in the active elements of pulse-periodic glass lasers	1979
19810079316	Gasdynamic perturbations of the flow in pulse-periodic CO ₂ lasers. 1: Convective removal of heated gas from the discharge region	1979
19810079317	Gasdynamic perturbations of the flow in pulse periodic CO ₂ laser. 2. Acoustic waves	1979
19810079318	Optimizing a 10 kW closed-cycle CO ₂ process laser	1979
19810079319	Concerning the behavior of metal absorptivity with exposure to laser radiation	1979
19810079320	On the possibility of using resonantly excited media for wavefront reversal	1979
19810079321	Particulars of DF-CO ₂ energy transfer in chemical lasers based on chlorine fluorides	1979
19810079322	Diffraction effects in CW chemical HF laser with unstable telescopic cavity	1979
19810079329	Syntheses of amino acids and peptides under possible prebiotic conditions	1979
19810079346	Earth's nickel silicide inner core	1979
19810079348	Marine seismic system feasibility study	1979
19810079359	An interactive manipulator control system	1979
19810079361	Two-dimensional dynamic stall as simulated in a varying freestream	1979
19810079376	Calculation of magnetization within alnico magnets	1979
19810079379	CN(Alpha(2)Pi sub i yields Chi (2)Sigma(+) and CN(Beta(2)Sigma(+) yields Chi(2)Sigma(+) yields from HCN photodissociation	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810079381	A free-energy source for intense electrostatic waves	1979
19810079397	Foundation of optical computing elements	1979
19810079400	Energy transfer in gas-surface scattering in the presence of a laser field	1979
19810079401	On the approximation of the free energy changes on crystallization	1979
19810079408	Development and introduction of the integrated system of administration of the quality of production in the enterprises of the ministry of the petrochemical industry of the USSR	1979
19810079410	The Freedom of Information Act: Its impact on the contractor's technical proposal	1979
19810079412	Newly defined IR electronic absorption features in telescopic reflectance spectra: The lunar case	1979
19810079413	Cosmology confronts particle physics	1979
19810079415	Ammonia in the atmosphere of Saturn and Jupiter	1979
19810079416	Thorium concentrations in the Apenninus region of the Moon	1979
19810079417	Analysis of amino acids from the Allende chondrite	1979
19810079418	Silicon in nickel-iron metal: First reported occurrence in carbonaceous chondrites	1979
19810079424	The scattering of solar flare x-rays in the Earth's atmosphere	1979
19810079426	Accurate position of the galactic x-ray source 2S1417-624	1979
19810079430	Advanced Terminal Aerial Weapons Delivery Simulation (TAWDS) programs. Development of the statistical (Monte Carlo) time domain and frequency domain computer programs for evaluating aerial gunnery and air-to-surface weapon delivery effectiveness for advanced integrated aircraft weapon systems	1979
19810079450	Analytical determination of the aerodynamic interference between multiple spheres	1979
19810079512	Nozzle material design study	1979
19810079513	Extendable Nozzle Exit Cone (ENEC) hardening technology, volume 1	1979
19810079517	Development of advanced composites equipment support module	1979
19810079550	Operational and organizational concept for UHF-VHF/AM transceiver AN/PRC-113	1979
19810079571	Digitally tuned bandpass filter using pin diode switchable capacitance array	1979
19810079595	Surface Acoustic Wave Transducer Design Models and the Computer-Aided Design of Withdrawal-Weighted Filters	1979
19810079596	Product assurance brief	1979
19810079597	Navier-Stokes calculations with a coupled strongly implicit method. Part 2: Spline deferred-corrector solutions	1979
19810079604	Collisional ionization in the presence of intense laser radiation: Quantum-mechanical calculations for $\text{He}^+(\text{S}-3) + \text{Ar} + \text{h-bar}$ small Omega yields $\text{He} + \text{Ar}^+(\text{P}-2) + \text{electron}$	1979
19810079605	Pair absorption pumped barium laser	1979
19810079666	Shield drag: A possible contributor to the intraplate stress field	1979
19810079668	Volcanic resurfacing rates and implications for volatiles on Io	1979
19810079669	The gravitational waves that bathe the Earth: Upper limits based on theorists' cherished beliefs	1979
19810079753	Software EMP protection	1979
19810079754	Robust stability of linear systems: Engineering motivation	1979
19810079762	Cosmological constraints on superweak particles	1979
19810079763	Studies and research concerning BNFP: Flowsheets for recovery of neptunium from LWR fuels	1979
19810079775	Fluid theory of plasma double-layers	1979
19810079776	Evolution of the MHD sheet pinch	1979
19810079781	On the measurement of a weak classical force coupled to a quantum mechanical oscillator. I: Issues of principle	1979
19810079783	Automated film retrieval techniques	1979
19810079787	A model for the formation of thin films in dirty ice targets by sputtering: Application to the satellite of Jupiter	1979
19810079789	Impact melt volumes associated with lunar craters	1979
19810079790	A lunar polar orbiter reflectance spectrometer experiment	1979
19810079791	Geology of the Deuteronilus Prononilus region of Mars	1979
19810079792	On the thermal evolution of the Earth and Venus	1979
19810079801	The challenge of the cosmological baryon asymmetry	1979
19810079803	The isotopic composition of galactic cosmic ray iron nuclei	1979
19810079822	The RL-10 rectangular parachute	1979
19810079823	High altitude attitude reference system development study, volume 2	1979
19810079872	Multimode guidance subsystem, Army/Navy technology program, volume 3: Advanced prototype phase. Cost estimate/program recommendations	1979
19810079890	Multimode guidance subsystem. Army/Navy Technology program. Volume 1: Executive summary and final presentation (U)	1979
19810079905	Proceedings of the workshop on high-temperature materials for advanced military engines. Volume 2: Technical and programmatic and programmatic	1979
19810079906	Ablative properties of blast protection materials	1979
19810079947	Radar cross section calculations, volume 1, part 1	1979
19810079948	Radar cross section calculations, volume 1, part 2	1979
19810080001	Active laser seeker field test results and hardware refurbishment (U)	1979
19810080148	Discovery of a pulsed absorption feature in the hard X-ray spectrum of 4U0115+63	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810080212	Response of basic structural elements and B-52 structural components to simulated nuclear overpressure. Volume 4: Program data B-52 components	1979
19810080251	International Systems Technology Evaluation Program (INSTEP). System status summaries for NATO air armaments. Volume 2, appendices	1979
19810080293	Pyrotechnic disposal: Colored flare compositions	1979
19810080348	Adaptive controlled laser drill inspection	1979
19810080483	Advanced Technology Wing (ATW) configuration design and analysis. Phase 2: Strategic vehicle (U)	1979
19810080536	Digital aircraft function monitors utilizing passive fiber-optic sensors	1979
19810080632	Development of minimum smoke propellants (U)	1979
19810080633	Development of minimum smoke propellant, high performance RDX-oxidized minimum smoke propellant and technology base (U)	1979
19810080761	Real time FLIR image enhancement (U)	1979
19810080840	FOT&E of F-15/AIM-7F. Project plan	1979
19810080890	AIM-9L second source reliability evaluation special project plan	1979
19810080923	Penetration characteristics and lethality of tantalum alloy (T-10W) projectiles	1979
19810080938	Safety study report of the LUU-2B/B aircraft parachute flare	1979
19810080971	Operational and organizational concept for the 10 to 30 meter rapid-erecting antenna	1979
19810081055	The effects of atmospheric nuclear and natural backgrounds and signatures on advanced optical systems, volume 1	1979
19810081204	Research, development and system analysis tasks that are critical to future aircraft systems development programs (task a) - task (f)	1979
19810081223	Proceedings of the 3rd Biennial Aircraft Survivability Symposium. Volume 1: Unclassified Papers,	1979
19810081234	Installation of the FLIR Augmented COBRA TOW Sight (FACTS) in the AH-15 helicopter	1979
19810081258	Aircraft engine near net shape disk inspection system	1979
19810081379	The interaction of electromagnetic radiation with reacting systems	1979
19810081414	Terrain backscattering characterization using polyfrequency radar data (U)	1979
19810081453	Modeling and simulation of flow and acoustics in pulsed excimer lasers	1979
19810082026	Manufacturing methods for reentry vehicle advanced composite substructure. Part 2: Control section (U)	1979
19820021149	Intel 8080 orbit propagation program system description and user's guide	1979
19820021151	Multimission Modular Spacecraft Ground Support Software System (MMS/GSSS) MODCOMP device and MAX 4 dependency study	1979
19820065497	Research study: Geophysical fluid dynamics experiment definition	1979
19820066730	Phosphoric-acid fuel-cell stack and system development	1979
19820066892	Advanced composite elevator for Boeing 727 aircraft	1979
19820067235	NASA 1979 mishap and injury data	1979
19820067873	Film-thickness effect on the calculation of pressure using Hertz's law	1979
19820067896	Linear ruby scale and one megabar?	1979
19820067897	The fracture and yield strengths of diamond, silicon and germanium	1979
19820068116	Metallic xenon at static pressures	1979
19820068117	Preparation of micron thick specimens for high pressure study	1979
19820068171	Entry trajectory estimation (ENTREE) program system description and user's guide	1979
19820068260	NASA Technology Workshop on High Power Lasers	1979
19820068307	Heat-exchanger method, ingot casting. Fixed-abrasive method, multi-wire slicing. Phase 2: Silicon-sheet-growth development for the large-area sheet task of the low-cost solar-array project	1979
19820068423	Plant life and ultraviolet radiation: Some perspective in the history of the Earth's UV climate	1979
19820068426	Effects of ultraviolet-B radiation stress on the abscisic acid status of Rumex patientia leaves	1979
19820068496	Recovery of superconductivity of Formvar-coated composite nb-Ti/Cu from postquench conditions	1979
19820068792	Multidisciplinary research program in Atmospheric Science	1979
19820068848	Evaluation of the Caine, Farber, and Gordon Program Design Language (PDL) in the Goddard Space Flight Center (GSFC) code 580 software design environment	1979
19820069251	Joint research program in space sciences	1979
19820069252	Ultrasonic studies	1979
19820069253	A note on linear system of equations	1979
19820069254	The determination of the orientation of cubic crystals from measured sound velocities	1979
19820069255	Range energy tables for electrons in Al ₂ O ₃ and ZNO	1979
19820069256	Observation of magnetically quenchable positronium like systems in delta-Al ₂ O ₃	1979
19820069257	Thermal expansion of zirconium and zirconium compounds. Literature survey and review	1979
19820069258	Thermal stress resistance and thermal expansion coefficient of zirconium diboride	1979
19820069259	Conductivity and structural properties of noncrystalline materials	1979
19820069260	Thermally stimulated conductivity studies of trapping centers in alkali borosilicate glasses	1979
19820069261	Magnetic susceptibility of specimen from the Zhamanshin meteorite	1979
19820069384	Thermal convection in a circular enclosure aboard spacelab	1979
19820069476	A brief statistical investigation of the relation between solar magnetic sector boundary crossings and the vorticity area index	1979
19820069479	The influence of turbulent mixing on cloud droplet evolution	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820069487	The effect of solar variability on weather and climate: Evidence, and possible physical mechanisms	1979
19820069488	Consideration of cirrus clouds as a possible sun-weather link	1979
19820069648	Feasibility of measuring a surface temperature to a precision of 0.01 deg K	1979
19820069871	Upper limit for the decay $\mu(+)$ yields $e(+)$ gamma	1979
19820070635	On the detection of 50 M/lc/eV gamma rays with a large modularized N/lc/aL(T1) detector	1979
19820070803	Commercialization potential of the applications data service, volume 1	1979
19820070804	Commercialization potential of the applications data service, volume 2	1979
19820071861	A review of research on aeronautical fatigue in the United States, 1977 - 1979	1979
19820072211	A program of thermoelectric generator testing and RTG degradation mechanisms evaluation	1979
19820072577	Anomaly detection in concurrent programs	1979
19820072733	Satellite-based law enforcement mobile communications: A cost-benefit/effectiveness study	1979
19820072753	USSR space life sciences digest	1979
19820072900	Aerodynamic drag reduction devices in the trucking industry: A market survey	1979
19820073106	KC-135 Stratotanker Improved Aerial Refueling System (IARS). Volume 1: Design Studies	1979
19820073181	Multimode guidance subsystem. Army/Navy Technology Program. Volume 2: Concept definition and technical trade-off (U)	1979
19820073191	Technical support in Active Control	1979
19820073510	A shell analysis to optimize the tactical satellite buoy housing	1979
19820073530	Complex formation in extraction	1979
19820073569	Radiation effects on BCC metals and alloys	1979
19820073571	Some creep/fatigue properties of type 316 steel and weld metal at 625 C	1979
19820073588	Current trends in the development of gasification of solid fuels in Europe	1979
19820073589	Ethanol from corn silage	1979
19820073648	Heat and mass transfer to the cooled roof and walls of a short air filled cylinder from two concentric pools of water	1979
19820073676	Development of design support information for laser cutting system	1979
19820073677	Economic laser pulse slicer	1979
19820073716	Atmospheric production and transport of sulfur oxides in the United States	1979
19820073822	Project FLYEYE	1979
19820073834	Kinetics of crystallization for a number of sulfates from aqueous solutions	1979
19820073855	Isothermally forged titanium alloy aircraft wheels	1979
19820073874	Advanced firefly assessment generalized mechanization design report	1979
19820073922	Electron: Beam melting and refining of metals and alloys	1979
19820073923	Explosive compression of steel and copper powder mixtures	1979
19820073940	Investigations of phenomena occurring during detonation of liquid explosives. A reply	1979
19820073976	Life cycle cost estimates for 10 kw DCS troposcatter high power amplifiers	1979
19820074037	Dependence of wave parameters for explosive welding on the acceleration stage of a hurled plate	1979
19820074038	Characteristics of explosive welding of internally oxidized copper alloys	1979
19820074060	Effect of near ir radiation on plant photosynthesis under artificial light culture conditions	1979
19820074119	Compensated ion beams	1979
19820074334	New problems in the theory and practice of combustion processes	1979
19820074571	Brimsem das systems operations manual	1979
19820075083	Methods of calculating fatigue resistance in helicopter components	1979
19820075236	A method for the analysis of a fatigue history waveform for use with a microcomputer	1979
19820075578	Survey study, beach erosion control and hurricane protection, Delaware Bay Shore, New Jersey: Feasibility Report	1979
19820075646	The 8-12 micrometer photovoltaic (Hg,CdTe focal plane arrays	1979
19820075656	Pioneer Venus data analyses	1979
19820075693	Logistics support of C-130 aircraft	1979
19820075851	EMP assessment methodology program. EMP vulnerability assessment using abbreviated electromagnetic analysis techniques. Handdook	1979
19820075996	Advanced algorithms and implementation methods	1979
19820076210	Bank-To-Turn (BTT) hardware-in-the-loop technology (U)	1979
19820076252	Ducted rocket combustor technology (U)	1979
19820076384	The anodic corrosion of fiber reinforced lead composites for use in submarine lead acid batteries	1979
19820076512	The design, modification, fabrication and test of a prototype minaturized north reference unit (Minru)	1979
19820076517	Tank navigation systems	1979
19820077048	P001-0BS3: A human operator augmented AAA simulation program (U)	1979
19820077238	Low cost routes to acetylenic intermediates	1979
19820077247	Evaluation of 90% vinyl 1, 2-polybutadiene elastomer from The Institut Francais Petrole in an aircraft tire tread compound	1979
19820077273	Nellis digital microwave cost tradeoff study	1979
19820077634	DIGITAC 2: Digital flight control system advanced techniques evaluation	1979
19820078000	Static force test of the ADTC/Hughes AMRAAM configurations at Mach numbes 2, 3, 4, 5 and 5.5	1979
19820078050	HAVE BAIT, volume 3 (U)	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820078445	DARCOM microwave/millimeter wave (8-1000 GHz) Army program guide, volume 1	1979
19820078526	DARCOM microwave/millimeter wave steering group (8-1000 GHz) Army program guide. Volume 2: Appendix	1979
19820078777	Improved materials for composites and adhesives	1979
19820078899	Aircraft electrical systems plan	1979
19820079027	Generalized method of normal modes in diffraction theory	1979
19820079476	Digital filtering methods, with applications to spacecraft attitude determination in the presence of modelling errors. Part 2: Extension of theory, and applications	1979
19820079829	Optimum guidance for accelerating missiles	1979
19820080073	An assessment of head movement measuring techniques	1979
19820080074	Applications of the optical simulation of the vision model: Visive	1979
19820080092	Development of EBS-CSD imagers for night vision Intensified Charge Injection Device (ICID)	1979
19820080183	Fire control sensor measurement and design analysis. Volume 1: Effective emissivity measurements and analysis of missile domes and materials (U)	1979
19820080184	Fire control sensor measurement and design analysis. Volume 2: Infrared data analysis (U)	1979
19820080286	Fire control sensor measurement and design analysis. Volume 3: Radar data reduction and analysis (U)	1979
19820080383	Fourier transformation of height observations	1979
19820080390	Substantiation of the variational method of earth figure theory	1979
19820080739	Calculation procedure for sound propagation in a multisectional duct with uniform flow	1979
19820080849	Improvement in room temperature ductility of the L1sub2 type intermetallic compound Ni3Al by boron addition	1979
19820081101	Manufacturing methods for reentry vehicle advanced composite substructure. Part 3: Graphite/polymide substructure	1979
19820081181	Simulation of the interferogram of a satellite-borne synthetic aperture radar	1979
19820081364	Vacuum hot pressing of titanium powder	1979
19820081762	Communications-electronics word list (US-German), part 1	1979
19830005337	Interaction in limited arrays of windmills	1979
19830027253	Parametric analysis report: High temperature solar thermal receiver	1979
19830068998	An analysis for high speed propeller-nacelle aerodynamic performance prediction. Volume 1: Theory and initial application	1979
19830068999	An analysis for high speed propeller-nacelle aerodynamic performance prediction. Volume 2: User's manual for the computer program	1979
19830069026	Characterization study of composite flywheel rings	1979
19830069163	Thermoelectric generator testing and RTG degradation-mechanisms evaluation	1979
19830069341	Meeting of the Informal Ad Hoc Subcommittee on Operating Systems and Safety of the NASA Advisory Council's Aeronautics Advisory Committee	1979
19830069671	Preliminary study of the diffuser design requirements for sea level testing of the ASE 200:1 and 175:1 engines	1979
19830069766	Preliminary study on dispersed applications of solar and wind energy systems. Task 5, implementation plans: Plan for proposed project in Las Placetas, Dominican Republic	1979
19830069767	Preliminary study on dispersed applications of solar and wind energy systems. Task 5, implementation plans: Plan for proposed project in San Lucas Toliman, Guatemala	1979
19830069768	Preliminary study on dispersed applications of solar and wind energy systems. Task 5, implementation plans: Plan for proposed project in Kaunakakai and Kaulapuu Molokai, Hawaii	1979
19830069769	Preliminary study on dispersed applications of solar and wind energy systems. Task 5, implementation plans: Plan for proposed project in Sweetwater, Arizona	1979
19830069770	The SUNCALL: A joint solar village project of Mexico and the United States of America. Energy conceptual and implementation plan	1979
19830070065	Preliminary study on dispersed applications of solar and wind energy systems. Task 3 report: Study of availability of US solar and wind energy systems	1979
19830070672	Aeropropulsion Conference. Figure preprints	1979
19830070673	Aircraft energy efficiency (ACEE) status report	1979
19830070674	Emission reduction	1979
19830070675	Noise reduction	1979
19830070676	Alternative fuels	1979
19830070677	Materials and structures technology	1979
19830070678	Computational fluid mechanics of internal flow	1979
19830070679	Turbomachinery technology	1979
19830070680	Mechanical components	1979
19830070681	Instrumentation technology	1979
19830070682	Control technology	1979
19830070683	Supersonic propulsion technology	1979
19830070684	Hypersonic propulsion	1979
19830070685	Vertical takeoff and landing (VTOL) propulsion technology	1979
19830070686	High performance vehicle technology	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830070832	A compilation of reports on terrestrial energy conversion and advanced ground propulsion	1979
19830071520	Microwave sensing of snowpack wetness	1979
19830071655	Development and evaluation of a software-implemented fault-tolerance (SIFT) computer: SIFT hardware	1979
19830071944	A wave propagation study	1979
19830072256	The SEL32 interface hardware library (SIHLIB), volume 1. File 12: SEL32/PDP11 interfac (SIDEC)	1979
19830072257	The SEL32 interface hardware library (SIHLIB), volume 2. File 9: SEL32/R704 (TICM) interface (SIRAYT)	1979
19830072258	The SEL32 interface hardware library (SIHLIB), volume 2. File 12 SEL32/PDP11 interface (SIDEC) programming information	1979
19830072354	The economics of food and fiber information systems. A strategy for future research	1979
19830073189	Control design for an unstable vehicle	1979
19830073538	Integrated design of a high aspect ratio research wing with an active control system for flight tests on a BQM-34E/F drone vehicle, volume 1	1979
19830073539	Integrated design of a high aspect ratio research wing with an active control system for flight tests on a BQM-34E/F drone vehicle. Volume 1: Appendices	1979
19830073691	Modular heat pipe radiator system study. Prototype panel test report	1979
19830073692	Modular heat pipe radiator system study. Multipanel system test report	1979
19830074150	Wind speed and directional properties of radar backscatter at 13.9 GHz	1979
19830074692	Application of satellite store-and-forward techniques to data packet communications	1979
19830075630	Accelerated test program for sealed nickel-cadmium spacecraft batteries/cells	1979
19830075822	Experimental observations of the atmospheric Cerenkov lights from extensive air showers, examining the light both as a narrow light beam and also as a thin optical shock front	1979
19830075823	Search for gamma rays with energy above 2×10^{13} e.v. from the Crab Nebula during 1973 - 1974	1979
19830075824	Primary cosmic ray mass composition in the energy range 10 to the 13th power to 10 to the 15th power ev from atmospheric Cerenkov light measurements	1979
19830076387	ACPL monodisperse cloud experiment	1979
19830076388	ACPL monodisperse cloud experiment	1979
19830076389	ACPL monodisperse cloud experiment	1979
19830076390	ACPL monodisperse cloud experiment	1979
19830076391	ACPL monodisperse cloud experiment	1979
19830076392	ACPL monodisperse cloud experiment	1979
19830076393	ACPL monodisperse cloud experiment	1979
19830076394	ACPL monodisperse cloud experiment	1979
19830076395	ACPL monodisperse cloud experiment	1979
19830076396	ACPI monodisperse cloud experiment	1979
19830076884	Estimation of longwave flux from radiance measurements in the atmospheric window region	1979
19830077326	Analysis and preliminary design of optical sensors for propulsion control	1979
19830077470	Lunar resources utilization for space construction. Volume 1: Executive summary	1979
19830077471	Lunar resources utilization for space construction. Volume 2: Study results	1979
19830077472	Lunar resources utilization for space construction. Volume 3: Appendices	1979
19830077489	Adsorption of acetaldehyde and ethane on activated carbon	1979
19830077615	A manual for energy conservation in buildings	1979
19830078110	Shuttle/tethered satellite system definition study. Volume 1: Executive summary and system description	1979
19830078111	Shuttle/tethered satellite system definition study. Volume 2, parts 2 and 3: Part 1 CEI specification interface control documents	1979
19830078112	Shuttle/tethered satellite system definition study. Volume 2, part 4: Program analysis and planning for phase C/D	1979
19830078249	Wind tunnel test of a 0.33 scale model of the Hughes AMRAAM missile	1979
19830078252	Static force and moment testing of a 0.331-scale model of the Raytheon AMRAAM missile	1979
19830078254	Wind tunnel tests of ILAAT 1: Phase 2 models at Mach numbers from 0.4 to 1.96	1979
19830078255	A wind tunnel test to determine aerodynamic characteristics of a submissile in the flow field of a carrier missile at Mach numbers from 0.9 to 1.3	1979
19830078257	Wind tunnel tests on a terminally guided submissile (TGSM) carrier vehicle (modified Patriot missile) at Mach numbers 0.6 to 1.6	1979
19830078258	A wind tunnel test to determine the aerodynamic loads on the F-15 aircraft and on the Hughes AMRAAM missile mounted on the F-15 aircraft at Mach numbers from 0.8 to 2.0	1979
19830078261	A wind tunnel test to determine separation characteristics of the Raytheon AMRAAM missile from the F-15 and F-16 aircraft	1979
19830078267	Wind tunnel tests of Raytheon AMRAAM missiles in the carriage position of 0.05-scale F-15 and F-16 aircraft models	1979
19830078270	Aerodynamic loads on the Hughes AMRAAM mounted on the F-16 aircraft	1979
19830078301	Separation characteristics of the Hughes AMRAAM from the F-16 aircraft	1979
19830078405	Communications-electronics word list, Deutsch-Englisch, part 2	1979
19830078646	Grain growth control in Pt-8% W by powder-metallurgy processing	1979
19830078730	Three-frequency eddy-current instrument for multiple property problems	1979
19830078764	Simplified design methods for bellows	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830078765	Evaluation of a piping system operated at elevated temperatures (comparison with rules of ASME code case 1592)	1979
19830079199	ICAM Group Technology Characterization Code (GTCC), volume 1	1979
19830079201	ICAM Group Technology characterization Code (GTCC), volume 3	1979
19830079202	ICAM Group Technology Characterization Code (GTCC), volume 4	1979
19830079215	ICAM sheet metal center concept design, volume 3	1979
19830079216	ICAM sheet metal center concept design, volume 2	1979
19830079217	ICAM sheet metal center concept design, volume 1	1979
19830079222	Materials flow characteristics in aerospace production, volume 2	1979
19830079223	Material flow characteristics in aerospace production, volume 3	1979
19830079224	Material flow characteristics in aerospace production, volume 4	1979
19830079289	Material flow characteristics in aerospace production, volume 5	1979
19830079552	ICAM General Utilities System (GUS), volume 1	1979
19830079560	ICAM Integrated Manufacturing Control - Materials Management systems (IMC-MM) definition, volume 1	1979
19830079561	ICAM Integrated Manufacturing Control - Materials Management systems (IMC-MM) definition, volume 2	1979
19830079562	ICAM Integrated Manufacturing Control - Materials Management (IMC-MM) systems definition, volume 3	1979
19830079563	ICAM Integrated Manufacturing Control - Materials Management (IMC-MM) systems definition. Volume 4, part 1: Overview of preliminary design 'TO BE' system and current work	1979
19830079564	ICAM Integrated Manufacturing Control - Materials Management (IMC-MM) systems definition. Volume 4, part 2: TO BE MC-MM preliminary design function model	1979
19830079566	ICAM Integrated Manufacturing Control - Materials Management (IMC-MM) systems definition. Volume 4, part 4: 'AS IS' models for small and medium subcontractors	1979
19830079744	Cellulose as an energy source: Production and characterization of high cellulose producing mutants of cellulolytic fungi	1979
19830079800	An experimental investigation into low-speed aerodynamic characteristics of multi-diameter bodies of revolution at incidence angles up to 28 deg. Presentation of results	1979
19830079860	Solar energy in domestic applications	1979
19830080001	Tactical Aircraft Effectiveness and Survivability in Close Air Support Antiarmor Operations (TASVAL) lessons learned	1979
19830080003	TASVAL trial data tape interface specification	1979
19830080014	Tactical aircraft effectiveness and survivability in close air support antiarmor operations (TASVAL), test plan, volume 1	1979
19830080354	Aerodynamic characteristics of the McDonnell Douglas ILAAT model at transonic mach numbers, phase 2	1979
19830080377	A-6E TRAM engineering report	1979
19830080378	A-6E TRAM equipment analysis report	1979
19830080438	Process for the hydrolysis of coal	1979
19830080709	TsAGI Scientific Notes	1979
19830080710	Numerical simulation of the complex problems of gas aerodynamics by method of large particles	1979
19830080711	Conditions/modes of the supersonic flow around fine/thin wings	1979
19830080712	Two-dimensional steady flows of gas during weak power supply	1979
19830080713	Association of vortex/eddy education/formation in plane flow of the incompressible fluid	1979
19830080714	Special feature/peculiarities of the transition of laminar boundary layer into turbulent on acute cone at angle of attack in the supersonic flow of gas	1979
19830080715	Longitudinal eddy/vortices in supersonic flows with separating zones	1979
19830080716	Numerical solution of the problem of the flow around axisymmetric air intake by a supersonic flow of perfect gas at different angles of attack	1979
19830080717	Numerical solution of direct problem of the course of perfect gas in three-dimensional turbine lattices	1979
19830080718	Numerical-analytical solution of the problem of restricted twisting of cantilever wing	1979
19830080719	Study of the ejector thrust enlarger with perforated nozzle of ejecting gas	1979
19830080720	Flow around input device with sharp leading edge of cowling	1979
19830080721	Approximate velocity field calculation and motion of vortices after the low-flying biplane	1979
19830080722	Vortex system of the nose section of the model of the fuselage of aircraft at angles of attack beyond stalling with different Reynolds numbers	1979
19830080723	Longitudinal distribution of hydrodynamic load on a gliding flat-keel plate	1979
19830080724	Accuracy of Godunov's method in different coordinate systems	1979
19830080725	Determining the characteristics of three-dimensional in a nozzle with nonaxisymmetric transonic part	1979
19830080726	Combined finite elements for dynamic models of planar structures	1979
19830080741	Skin currents and charge densities induced by EMP on the A-7E and F/A-18	1979
19830080936	Further icing experiments on an unheated non-rotating cylinder	1979
19830080937	The icing of an unheated non-rotating cylinder in liquid water droplet: Ice crystal clouds	1979
19830082081	Protection against laser beams	1979
19830082125	Photoelectric generator using semiconductors and manufacturing process	1979
19830082510	A study of some omni-directional methods to inflate the LPA life preserver	1979
19830082556	Shock-on-chock pressure measurements at Mach 3 and 5 from rocket-propelled sled tests. Phases 2 and 3: Oblique intercepts. Volume 1: Test documentation	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830082633	Development of SCAT nose-tip concept for advanced reentry vehicles	1979
19830083507	Robotic system for aerospace batch manufacturing, volume 2	1979
19830083508	Robotic system for aerospace batch manufacturing, volume 3	1979
19830083509	Robotic system for aerospace batch manufacturing, volume 4	1979
19830083510	Robotic system for aerospace batch manufacturing, volume 5	1979
19830083590	Establishment of production cleanliness criteria and processes for printed wiring boards and assemblies	1979
19830084208	Single-channel ground and airborne radio subsystem-VHF/FM (SINCGARS-V) fast frequency hopping	1979
19830084209	Single-channel ground and airborne radio subsystem-VHF/FM (SINCGARS-V) fast frequency hopping	1979
19830084210	Single-channel ground and airborne radio subsystem-VHF/FM (SINCGARS-V) fast frequency hopping	1979
19830084353	Forward scattering of raytran zinc selenide	1979
19830084572	Single-channel ground and airborne radio subsystem-VHF/FM (SINCGARS-V) fast frequency hopping	1979
19830084640	MHD velocity gage analysis and experiment	1979
19830085288	The A3E2 dual chamber rocket motor concept investigation. Dual chamber preliminary design code. Computer software maintenance manual	1979
19830085316	Chemical problems connected with the stability of explosives, part 2	1979
19830085318	Chemical problems connected with the stability of explosives, part 1	1979
19830085477	Computer Monitored Inspection Program (CMIP) training program engineering report	1979
19830085802	Scene content analysis for the autonomous terminal homing program	1979
19840067064	Avionics, controls and human factors technology plan. Volume 1: Summary report	1979
19840067075	Assessment of shuttle payloads. Gaseous environment: Contamination and its control with application to the Cryogenic Limb-scanning Interferometer Radiometer (CLIR)	1979
19840067211	Project management report. Levels 3 and 4, 15 June - 15 July 1979	1979
19840067339	Multispectral Resource Sampler (MRS) proof of concept literature survey of bidirectional reflectance	1979
19840069514	Applications data service user requirements study	1979
19840070197	Forecasting studies to assess the role of differential advection as a severe storms predictor	1979
19840070938	Remote sensing fundamentals, volume 1	1979
19840071339	User's guide, Earth resources data analysis system, volume 4. Set 1: Job control processing	1979
19840071519	Soil moisture assessment by remote means	1979
19840071567	Cadmium sorption in estuarine mud-type sediment and the accumulation of cadmium in the soft-shell clam, Mya arenaria	1979
19840071864	The fundamentals of solar energy technology	1979
19840071919	The Goddard Oceans Program	1979
19840072084	ERTS puts the whole Earth under a microscope	1979
19840072089	The standard CCT family of tape formats	1979
19840072091	Landsat-D CCT tape format	1979
19840072670	OCCULT users' manual	1979
19840072885	Characterization of iron-alloy spheres solidified in a free-fall environment	1979
19840073661	Description and accuracy of the TEMPS pulse and CWR antenna modules of the PRESTO computer code	1979
19840075054	Experimental packet radio users guide	1979
19840075585	Coal geology of the New England-Mott area: Billings, Stark, Slope, Hettinger and Adams Counties, North Dakota	1979
19840075609	Test and evaluation of USAF Project 1183, digital data bases	1979
19840075837	Cruise-ballistic missile concepts studies (phase 2). Volume 1. A cruise-ballistic missile precis	1979
19840075875	Galileo orbital malfunction analysis	1979
19840076107	Automated gas metal arc welding of steel in more than one axis	1979
19840076564	E-o simulation computer code (EOSIM)	1979
19840076855	Topical review of all weather capabilities (U)	1979
19840078217	Robotic system for aerospace batch manufacturing, task C: Definition of robot assembly capability, volume 2	1979
19840078218	Robotic system for aerospace batch manufacturing, task C: Definition of robot assembly capability, volume 3	1979
19840078219	Robotic system for aerospace batch manufacturing: Task A, volume 1	1979
19840078220	Robotic system for aerospace batch manufacturing: Task A, volume 2	1979
19840078221	Robotic system for aerospace batch manufacturing: Task A, volume 3	1979
19840078790	Ion beam lithography feasibility demonstration	1979
19840078893	Focused ion beam technology	1979
19840079418	Free-flight drag measurements of the Sandia IRS (Interim Recovery System) ejected body at Mach 8.8	1979
19840079421	Aerodynamic characteristics of two US Army interceptor configurations	1979
19840079542	ICBM hardening technology review (U)	1979
19840080079	A wind tunnel test to determine the aerodynamic loads and separation characteristics of the Hughes AMRAAM missile in the flow field of the F-15 aircraft	1979
19840080122	FAANTAEL program plan	1979
19840080142	Active flutter control for flexible vehicles. Volume 2: Appendices	1979
19840080143	Active flutter control for flexible vehicles. Volume 3: KONPACT 2 program documentation	1979
19840080148	Aircraft intercept control simulation studies	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840080800	Data link vulnerability test and evaluation of Measures Of Effectiveness (MOEs)	1979
19840080803	Data link vulnerability plan concept for the development of a methodology for integration, analysis, and testing of the data link ECCM (Electronic counter-countermeasures) capability	1979
19840080918	The moisture protection of strong optical fibers	1979
19840080956	CH-47 modernization program investment cost model	1979
19840081383	Analytical studies of phase estimation	1979
19840081595	Laser thermal modeling of graphite epoxy	1979
19840082462	Carbon/graphite composite material study	1979
19850068521	Secondary electron emission from a charged dielectric	1979
19850069222	Investigation of physico-chemical processes in shock waves and heated gases	1979
19850069734	Goddard Space Flight Center specification for tape, recording instrumentation, magnetic oxide-coated	1979
19850069765	Hand-held radiometer studies on vegetation in situ: A new and promising approach	1979
19850069875	YeS computer operational system. Communication software for the YeS and M-6000 computers	1979
19850070722	Open cycle air Brayton solar receiver, phase 1	1979
19850070723	Federal photovoltaic utilization program system criteria documents, volumes 1-5	1979
19850070724	Federal photovoltaic utilization program system criteria documents. Volume 2: Guidelines for evaluating the management and operations planning of photovoltaic applications	1979
19850070725	Federal photovoltaic utilization program system criteria documents. Volume 3: Environmental issues and evaluation criterial for photovoltaic applications	1979
19850070726	Federal photovoltaic utilization program system criteria documents. Volume 4: Review criteria for photovoltaic applications	1979
19850070727	Federal photovoltaic utilization program system criteria documents. Volume 5: Safety criteria for photovoltaic applications	1979
19850070914	A computational study of the flow in a transonic axial compressor using an inviscid, three-dimensional finite difference	1979
19850070915	Flutter analysis of a tuned rotor with rigid and flexible disks	1979
19850071162	Synthesis and characterization of polyethylene glycol derivatives	1979
19850073711	TASVAL (Tactical aircraft effectiveness and survivability in AntiArmor operations) phase 1 instrumentation test plan	1979
19850073962	Manufacturing methods and technology infrared testing of printed wiring assemblies and hybrid microcircuits	1979
19850073985	Ring laser gyro integrated inertial sensor assembly preliminary design and analysis	1979
19850074000	A chain reaction CW HF laser with stationary shock initiation	1979
19850074173	Comparative design and performance evaluation of real time data spooling system	1979
19850075612	Application of rapidly solidified superalloys	1979
19850075867	Development of graphite/metal advanced composites for spacecraft applications	1979
19850075870	Development of graphite/metal advanced composites for spacecraft applications	1979
19850076008	Radar detection of small targets in a sea-clutter environment	1979
19850076226	User's manual--program FACESP	1979
19850076235	Analytical studies of phase estimation techniques	1979
19850076236	Analytical studies of phase estimation techniques. Appendices	1979
19850076246	Ion beam lithography feasibility demonstration	1979
19850076247	Ion beam lithography feasibility demonstration	1979
19850076315	Long life engine disks from gas atomized powder	1979
19850076620	Pattern matcher development study (U)	1979
19850076653	Ceramic gas turbine engine demonstration program	1979
19850077069	Satellite Materials Hardening (SMATH) 3. Volume 2, Part 1: Optical system hardening (U)	1979
19850077070	Satellite Materials Hardening (SMATH) 3. Volume 2, Part 2: Mosaic Sensor Plane (MSP) hardening (U)	1979
19850077071	Satellite Materials Hardening (SMATH) 3. Volume 3, Part 1: Electrical power systems (U)	1979
19850077073	Satellite Materials Hardening (SMATH) 3. Volume 3, Part 3: Radio Frequency (RF) systems (U)	1979
19850077074	Satellite Materials Hardening (SMATH) 3. Volume 4: Appendixes (U)	1979
19850077460	The Grumman 1/8-scale forward swept wing aircraft test in tunnel 16T	1979
19850079635	On the problem of classifying fracture micromechanisms according to types	1979
19850080277	Aerodynamics study of a dual fuel hypersonic aircraft concept	1979
19850080513	Scan-to-scan correlation, tracking, and target class assessment algorithms for a passive optical sensor	1979
19850080962	Automatic Network Determination (AND): A general solution of nonredundant parallel-series networks	1979
19860065954	Droplet burning at zero G	1979
19860066305	Upgrading Facultative Wastewater Lagoons with Vascular Aquatic Plants	1979
19860066308	Engineering design data for small vascular aquatic plant wastewater treatment systems	1979
19860066309	Taking advantage of the water hyacinth	1979
19860066413	The water hyacinth: From prolific pest to potential provider	1979
19860066522	Water Hyacinth (Eichhornia Crassipes) Productivity and Harvesting Studies	1979
19860066627	Selected applications developed by the Earth Resources Laboratory	1979
19860066814	Endosteal blade-vent implants modified by ion beam sputtering techniques	1979
19860066838	A shuttle laser multi-beam altimeter experiment concept	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19860066886	An investigation of atmospheric perturbations of the Lageos orbit	1979
19860067287	An evaluation of techniques for deriving information from Landsat MSS digital data	1979
19860067867	Fabrication and test of a state-of-the-art electric vehicle propulsion system breadboard using an AC motor	1979
19860067901	Laser-electron beam interactions	1979
19860068414	Solid-propellant rocket motor internal ballistics performance variation analysis (phase 4)	1979
19860068586	Utility tactical transport aircraft system synthetic flight training system. UTTAS-14, device 2B38. Trainer design report. Volume 1. OFT	1979
19860068587	Utility tactical transport aircraft system synthetic flight training system. BLACK HAWK device 2B38. Trainer design report. Volume 2. Visual	1979
19860068589	Utility tactical transport aircraft system synthetic flight training system. UTTAS-15, BLACK HAWK. Device 2B38. Trainer criteria report	1979
19860068941	Preliminary operator's manual for UH-60A flight simulator (Device 2B38)	1979
19860072801	Joint test report of data link vulnerability (DVAL). WALLEYE captive flight report	1979
19870067127	NASA's low-cost, one-module crash cushion	1979
19870067312	Conceptual design of an open cycle air brayton solar receiver	1979
19870067397	Latent heat and cyclone activity in the South Pacific, 10-18 January 1979	1979
19870067481	NASA's aeronautics research and technology base	1979
19870067633	A critical review of the change detection and urban classification literature	1979
19870067946	The assessment of NASA technical information	1979
19870072220	Computerized method for an estimate of hot gas reingestion for a VTOL (Vertical Take-Off and Landing) aircraft at the conceptual design stage	1979
19870072667	CH-47D modernization program, operational test 2: Test design plan	1979
19870072681	Boron solid fueled ramjet investigation	1979
19870072696	General support rocket system, operational test 1: Test design plan	1979
19880068365	Convective heating in and around gaps in laminar and transitional boundary layers	1979
19880068513	Sounding rocket airborne PCM system	1979
19880069370	Environmental assessment using remotely sensed data: Application of remote sensing data to environmental impact studies for transmission line routes	1979
19880070881	Study for swept-forward wings for military aircraft	1979
19880071124	Transonic test data on the .09 scale D634-20G forward swept wing fighter configuration (TWT-365) (U)	1979
19880071127	Analysis of the aerodynamic data obtained on the 0.09-scale D634-20G forward swept wing fighter model in the Rockwell International low speed wind tunnel (NAAL-789) (U)	1979
19880071130	Analysis of wind tunnel test on a 0.09 scale forward swept wing fighter model D634-20G (TWT-367) (U)	1979
19880071142	Study for swept-forward wings for military aircraft (U)	1979
19880071433	Study for swept-forward wings for military aircraft	1979
19880071712	The VKI (Von Karman Institute) longshot tunnel	1979
19880072397	Accidental impact descriptor for aircraft accidents, incidents and inadvertent ordnance releases on Air Force air-to-ground ranges	1979
19880072596	Structural design loads data book. Volume 2: Orbiter structural loads. Part 3: Sections 5.0, 6.0, 7.0, 8.0 and Appendix A	1979
19880072597	Structural design loads data book. Volume 2: Orbiter structural loads. Part 1: Sections 1.0, 2.0 and 3.0	1979
19880072598	Structural design loads data book. Volume 2: Orbiter structural loads, part 2, section 4.0	1979
19880072599	Structural Design Loads Data Book. Volume 2: Orbiter Structural Loads, Part 4, Appendix B	1979
19880073067	Propulsion Technology for Supersonic Cruise (U)	1979
19880073737	Study for swept-forward wings for military aircraft	1979
19880074093	Advanced composite serviceability program	1979
19880074094	Advanced composite serviceability program	1979
19880074095	Advanced composite serviceability program	1979
19880074115	Photovoltaic system criteria documents. Volume 2: Quality assurance criteria for photovoltaic applications	1979
19880074116	Photovoltaic system criteria documents. Volume 4: Review criteria for photovoltaic applications	1979
19880074118	Photovoltaic system criteria documents. Volume 1: Guidelines for evaluating the management and operations planning of photovoltaic applications	1979
19880074119	Photovoltaic system criteria documents. Volume 3: Environmental issues and evaluation criteria for photovoltaic applications	1979
19880074120	Photovoltaic system criteria documents. Volume 5: Safety criteria for photovoltaic applications	1979
19880074173	Advanced composite serviceability program	1979
19890067753	Model geometry description and pressure distribution data from tests of EET high-lift research model equipped with full-span slat and part-span flaps	1979
19890068341	Scientific and technical information output of the Langley Research Center for calendar year 1978	1979
19890068686	A compendium of future space activities, revision C	1979
19890068967	The provision of recoverable interfaces	1979
19890068976	The construction of Modified Virtual Orbitals (MVO) which are suited for configuration interaction calculations	1979
19890069056	Iterative methods for the numerical solution of second order elliptic equations with large first order terms	1979
19890069124	Spectral broadening of waves propagating in a random medium	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19890069151	On the mapping problem for the finite element machine	1979
19890069155	Implicit schemes and LU decompositions	1979
19890069156	Existence, uniqueness and approximation for generalized saddle point problems	1979
19890069168	Potential future initiative directions in NASA aeronautics program	1979
19890069242	Improved CI formula evaluation: The elimination of the phase determination at the determinant level for arbitrarily coupled CSF's	1979
19900066170	Technology requirements for future earth-to-geosynchronous orbit transportation systems	1979
19900066218	Optimal assignments in dual-processor distributed systems under varying load conditions	1979
19900066220	Multi-grid solutions to elliptic flow problems	1979
19900066378	Core binding energy shifts for free negative ions of oxygen: $O(\text{sup } O)$ to $O(\text{sup } =)$	1979
19900066390	On the interaction between a sound pulse with the shear layer of an axisymmetric jet	1979
19900066480	Helicopters: Selection of design parameters	1979
19900066609	The assessment of NASA technical information, volume 1	1979
19900066637	Radiatively sustained plasmas for solar-electronic conversion	1979
19900066783	The 200-kilowatt Wind Turbine Project	1979
19900066829	Technologies for the handicapped and the aged	1979
19900067403	A one-dimensional radiative-convective model of the Earth's atmosphere for climate applications	1979
19900069327	Laser Acquisition Device (LAD) IOT and E: Project plan	1979
19900069564	Side actuated single lens visor assembly (AO 260) IOT and E: Project plan	1979
19910072597	Resource assessment for national development: The promise and reality of remote sensing	1979
19910072611	Index to NASA news releases and speeches: 1978 supplement	1979
19910072868	The solar luminosity and big-bang nucleosynthesis with a varying G	1979
19910072928	The effects of explosive volcanic eruptions on zonal and hemispheric temperatures: 1755-1977 AD	1979
19910073478	Multisatellite attitude determination/optical aspect bias determination (MSAD/OABIAS) system description and operating guide. Volume 4: Program listing and sample execution	1979
19910073560	Vectorization of relaxation methods for solving transonic full potential equation	1979
19910077063	CSU-13C/P anti-g suit IOT and E	1979
19910077334	Combined direct/inverse three-dimensional transonic wing design method	1979
19910077800	Manned geosynchronous mission requirements and systems analysis study. Phase 2: Midterm report	1979
19920075337	Jet engine performance improvement. Program review: 28 June 1979	1979
19920075408	NASA CF6 engine diagnostics program	1979
19920075409	NASA JT9D engine diagnostics program	1979
19920075723	ISEE-3 attitude postlaunch report	1979
19920075740	A compilation of meteorological sensor systems, sensors, recorders, and selected data bases under the cognizance of NASA. Wallops Flight Center	1979
19920075895	Feasibility study of measuring operational flight loads	1979
19920078491	The Grunbaum system for electrophoresis	1979
19930072970	Principles, equipment, and operation of two laboratory scale biodigesters	1979
19930074865	The joint NASA/Geosat test case project. Plates: Bandpasses of multispectral scanners (wavelength, micron), part 3	1979
19930078722	CV-990 airborne laboratory: MARSDEN/NORSEX program (flights 1 through 11) North Sea-Greenland-Arctic Ocean, 17 September - 2 October 1979	1979
19940003284	High temperature solar thermal receiver parametric analysis, task 1	1979
19940003551	Aerospace spinoffs	1979
19940005370	Analysis of the quasi-steady flow about an isolated lifting helicopter rotor blade	1979
19950002788	Voyager to Jupiter, volume 2	1979
19950002789	Voyager to Jupiter, volume 3	1979
19950002795	Voyager to Saturn, volume 4	1979
19950002803	Voyager to Jupiter, volume 1	1979
19950002804	Voyager to Saturn, volume 5	1979
19950002904	NASA STI Bulletin, 1975-1978	1979
19960023968	Structural Adhesives and Bonding	1979
19960024240	Mechanical Energy Storage Technology Project	1979
19960024308	LLL Materials Program for Fiber-Composite Flywheels	1979
19960024738	A Comparison of Quasi-Isotropic Fiber Reinforced Composite Laminates	1979
19960024852	Polyurethanes: Looking ahead to the eighties	1979
19960025673	Conference on Advanced Composites	1979
19960026057	Effects of Surface Morphology and Chemical Composition on the Durability of Adhesively Bonded Aluminum Structures	1979
19960026326	Damage Repair Technology for Composite Materials	1979
19960026328	A Study of The Photodegradation of Poly (Methyl Methacrylate)	1979
19960027144	Strength of Notched Composite Materials	1979
19960027145	Elevated Temperature Behavior of PMR-15 Graphite/Polymide Composite Bolted Joints	1979
19960027146	Compressive Strength of Composite Laminates With Interlaminar Defects	1979
19960027147	Environmental Exposure of Carbon-Epoxy Composite Material Systems	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19960027160	Investigation of Reinforced Plastic Materials for Electromagnetic Windows	1979
19960027483	Notch Sensitivity of Fiber-Reinforced Phenolic Composites	1979
19960027842	Investigation of Constraint Effects on Flaw Growth in Composite Laminates	1979
19960028129	Mission Element Need Statement: DOD Shuttle Operations Capability	1979
19960028911	Mechanical Behavior of Composite Materials in Multiaxial Stress Fields	1979
19960028912	Fracture Toughness of Graphite/Epoxy Composite Laminates Enhanced By the Intermittent Interlaminar Bonding Strength	1979
19960029148	Managing Corrosion With Plastics	1979
19960029285	A Nonlinear Theory of Viscoelasticity for Application to Elastomers	1979
19960029412	Formation and properties of rubber-modified epoxies	1979
19960035503	Ultrasonic NDE of Composite Materials	1979
19960035509	Effects of Cure Cycle Variation on NARMCO 5208-T300	1979
19970026052	Program Specifications for an AMSCO-PE Data Base System (PROBE Interface Study)	1979
19990111517	Hydrogen Attack of 1020 Steel: Influence of Hydrogen Sulfide	1979
20000028308	Results of Flow Angularity Tests on a 0.0175-Scale Space Shuttle Orbiter Model (56-0) on the AEDC VKF "B" Hypersonic Wind Tunnel (OH102A)	1979
20000028318	Space Shuttle Aerodynamic Data Report. Results of Test using a 0.030-Scale Pressure Loads Space Shuttle Orbiter Model (47-0) in the NASA/ARC Unitary Plan Wind Tunnels (OA149A)	1979
20000028319	A Verification Study of Three Ames Research Center Pitot-Static Probes in the Rockwell International NAAL Low-Speed Wind Tunnel (OA236)	1979
20000121108	Computer Programs for Prediction of Nozzle Afterbody Drag of Single and Twin Engine Configurations	1979
20010004098	The Eclipsing Variable Theta-prime Orionis A in the Trapezium	1979
20010038883	Chronological Summaries of United States, European, and Soviet Bedrest Studies	1979
20020084952	Thermal Boundary Layer Effects from Uncooled HEL Mirrors	1979
20030108744	Advanced Space Vehicle Subsystems Program Element 63401F	1979
20040008615	Critical Uses of Analog Audio Display in Passive Sonar	1979
20040016146	Automated Analysis for Maintenance Control and Analysis	1979
20040016210	An Assessment of the Benefits Due to Reliability Centered Maintenance on the C-141	1979
20040030552	Automated Avionics Test Station Status Reporting System	1979
20040043962	Compendium of Containerization for Air Movement	1979
20050051276	Standard Conversion Table Number 1. U.S. Customary and International. Feet to Meters; Meters to Feet. Used for Converting Elevations, Second Edition	1979
20050158350	Defense Mapping Agency Product Specifications for City Graphics. First Edition	1979
20050163416	Defense Mapping Agency Product Specifications for Joint Operations Graphic (RADAR) Series 1501 Radar Scale 1:250,000. First Edition	1979
20050167529	HF Laser Subsystem Technology Assessment	1979
20050228967	Comstar-C Post Launch Report	1979
20050229860	SAGE Launch	1979
20050230318	RCA Satcom (RCA-C) Launch on Delta	1979
20050230717	Prelaunch Summary NOAA-A Launch	1979
20050230724	Scout/UK-6 Reimbursable Mission Post Launch Report No. 1	1979
20050230742	Scout/UK-6 Reimbursable Mission	1979
20050232879	Spacecraft Charging at High Altitudes (SCATHA): Delta Launch	1979
20050234499	High Energy Astronomy Observatory C (HEAO-C)	1979
20050236284	Engineering Design Data for Small Vascular Aquatic Plant Wastewater Treatment Systems	1979
20050236485	Magsat Post Launch Report No. 1	1979
20050239873	BELDWSS - An Extension of LDWSS to Treat Battlefield Obscurants	1979
20050240823	FLTSATCOM-B Post Launch Report	1979
20060019907	Follow-On Operational Test and Evaluation (FOT&E) of the AN/GPN-20 Airport Surveillance Radar and AN/GSN-12 Operations Center	1979
20060021550	Weapon Effects Against Runway Surfaces	1979
20060021770	Combined Development/Qualification Operational Test and Evaluation (DT&E/QOT&E) Open Loop Oxygen Generating System (AO 210). Test Plan	1979
20060023046	B-52 Air Refueling Part Task Trainer, Initial Operational Test and Evaluation (IOT&E)	1979
20060023047	Initial Operational Test and Evaluation of Boom Operator Part Task Trainer	1979
20080002013	High-Speed Antiradiation Missile Software Life-Cycle Management Plan. Volume 2	1979
20080002052	OT&E of the AN/GRN-29(V) Solid State Instrument Landing System	1979
20080002177	Missile Warning and Attack Assessment Symposium, 24-26 July 1979. Executive Summary	1979
20080002515	Trident PIP (S/N 30922) Bias Failure Analysis	1979
20080002674	Guidance Flight Test Report. Volume 18. Missile C4X-21 Guidance IMU 1052 EA 20013, Test No. 6600	1979
20080002882	Summary of Acceptance Test Results for IAP PIGA S/N 5A	1979
20080005475	Test Plan and Results for C4 Guidance Computer Software for Disk Pack 325	1979
20080010797	Programmable Indicator Data Processor Qualification Operational Test and Evaluation	1979
20080014602	IOT&E of Cockpit Television Sensor (CTVS)	1979
20080034430	Lunar Resources Utilization for Space Construction	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20080037561	An Evaluation of the NASA Tech House, Including Live-In Test Results	1979
20080041208	Seeker Response Monitor (SRM) F-16 Test Support	1979
20080047334	Cryogenic Wind Tunnels: A Selected, Annotated Bibliography	1979
20090008525	Space Transportation System: Payload Operations Control Center for Attached Payloads	1979
20090010065	A Collection of Technical Papers from the AIAA/NASA Conference on Advanced Technology for Future Space Systems, May 8-10, 1979, Hampton, VA	1979
20090010581	Space Shuttle	1979
20090011738	AF-EWES Testing of EF-111A's Track Break Notch Jamming Technique	1979
20100022847	Mission Simulation Tests of the F107-WR-102 Turbofan Engine (S/N 704-5)	1979
20100023164	A Review of the Williams Research Corporation Trim Procedure Engines	1979
20100026164	Heatshield Surface Roughness Effects on the Turbulent Heat-Transfer Rates and Shear Stresses of the Unablated ABRV at Flight Conditions	1979
20100027842	Preliminary Assessment of the F107-WR-102 Engine Compatibility With Inlet Total Pressure Distortion	1979
20100028047	A Limited Drag Vs. Volume Trade Study on the McDonnell Douglas ILAAT Configuration	1979
20100036291	Altitude Performance of AFRPL/IPSM Solid Propellant Rocket Motor	1979
20100036305	TF30-P-3 Turbofan Engine Altitude Performance With JP8 Fuel	1979
20100038596	Research and Development Testing of the Chemical Systems Division's Bolt Extrusion Thrust Termination System (BETTS) at Simulated Altitude (Motor DTM-4)	1979
20100038597	Development Test of a SAMSO Inertial Upper Stage (IUS) SRM-2 Rocket Motor (DS-1) at Simulated Altitude	1979
20100038598	Simulated Altitude Test of the AFRPL/Hercules EEC on a Minuteman LGM-30G Stage III Rocket Motor (AEDC Project E41P-78, Test 2)	1979
20100038599	TF30-P-100 Turbofan Engine Altitude Windmill Starting Characteristics With JP8 Fuel	1979
20100038600	Simulated Altitude Test of the AFRPL/Hercules EEC on a Minuteman LGM-30G Stage III Rocket Motor (AEDC Project E41P-78)	1979
20100038601	The ADOF Lineprinter and Interactive Graphics Stability Analysis Program	1979
20100038609	Mission Simulation Tests of the F107-WR-400 Turbofan Engine (S/N 702-10)	1979
20100038610	Vibration Analysis of Three F107 Turbofan Engines	1979
20100038613	Pressure Profiles in the Fan Duct of a F100-PW-100 (3) Lot IV Engine Equipped With a Proximate Splitter (Engine S/N FX219-19)	1979
20100038614	Production Quality Assurance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Pressure Altitude, Motor PQA-707	1979
20100038619	F100-PW-100(3) Engine Operating Characteristics With a Modified Prototype Back-up Control (BUC II)	1979
20100038624	Phase I Qualification Test Mission Simulation Tests of the F107-WR-101 Turbofan Engine (S/N 322-6)	1979
20100038627	Phase I Qualification Test Mission Simulation Tests of the F107-WR-102 Turbofan Engine (S/N 101-2)	1979
20100038630	Production Quality Assurance Test of a Bell Aerospace-Textron Propulsion System Rocket Engine at Pressure Altitude, System S/N A4V1186	1979
20100038632	Production Quality Assurance Testing of a Minuteman III LGM-30G Stage II Rocket Motor at Simulated Altitude (Motor S/N PQA 6-88)	1979
20100038634	Aging And Surveillance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Simulated Altitude (S/N TC30014, Designation TOP-9)	1979
20100038635	The Initial Shakedown of the Tunnel 16S Compressor C3 With Fiberglass Rotor Blades	1979
20100038643	Static Stability Tests on a 1/27-Scale Air-to-Ground Missile at Mach Numbers 1.5, 2.0 and 2.75	1979
20100038645	Data Quality Documentation of the Lubard Force and Heat Transfer Test Phases	1979
20100038786	Simulated Altitude Test of the AFRPL/Hercules EEC on a Minuteman LGM-30G Stage III Rocket Motor (AEDC Project E41P-78)	1979
20100039228	TF30-P-100 Turbofan Engine Altitude Relight Starting Characteristics With JP8 Fuel	1979
20100039298	TF30-P-100 Turbofan Engine Altitude Relight Starting Characteristics With JP8 Fuel. Revision A	1979
20100039302	TF30-P-3 Turbofan Engine Altitude Performance With JP8 Fuel	1979
20100039345	Altitude Performance of AFRPL/Improved Performance Space Motor (IPSM)	1979
20100040003	Operational Characteristics of a Prototype Back-Up Control (BUC II) Installed on a Lot IV F100-PW-100 (3) Engine Equipped With a Proximate Splitter	1979
20100040013	Simulated Altitude Test of the AFRPL/Hercules EEC on a Minuteman LGM-30G Stage III Rocket Motor (AEDC Project E41P-78, Test 2)	1979
20100040014	Production Quality Assurance Testing of a Minuteman III LGM-30G Stage II Rocket Motor at Simulated Altitude (Motor S/N PQA 6-89)	1979
20100040050	Tracking Algorithms for the Target Strength Measurement System	1979
20100040212	Aging And Surveillance Testing of a Minuteman LGM-30F Stage II Rocket Motor at Simulated Altitude (Motor S/N AA20110, Designation OP-47)	1979
20100040213	Development and Calibration of Three Inlet Distortion Screens for the F107 Turbofan Engine Qualification Test Program	1979
20100040214	Aging and Surveillance Testing of a Minuteman LGM-30F Stage II Rocket Motor at Simulated Altitude (Motor S/N AA20182, Designation OP-48)	1979
20100040232	Development Test of a Samso Inertial Upper Stage (IUS) SRM-1 Rocket Motor (DL-1) at Simulated Altitude	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20100040234	A Theoretical and Experimental Roll Damping Analysis of the Advanced Ballistic Reentry Vehicle (ABRV) Configuration Under Smooth Wall Flight and Tunnel Conditions	1979
20100040245	Qualification Test of two Thiokol TE-M-364-19 (Intelstat V) Solid Propellant Rocket Motors (S/N 19012 and 19015)	1979
20100040247	Analysis of the Effects of Nose Configurations upon the Advanced Ballistic Reentry Vehicle Mach Number 6 Force and Moment Characteristics	1979
20100040249	Development and Calibration of Three Inlet Distortion Screens for the F107 Turbofan Engine Qualification Test-Phase II Program	1979
20100040250	Analytical Prediction of Wind Tunnel Wall Interference Effects on the Aerodynamic Characteristics of the Boeing AGM-86B	1979
20100040251	Validation Of The TF30-P-3 Turbofan Engine Mathematical Model To 1979 Performance Levels	1979
20100040256	J75-P-17 Turbojet Engine Altitude Spooldown Restart Characteristics With JP-8 Type Fuel	1979
20100040260	Discussion of the Analysis of Flow Fluctuation Measurements Over the Simulated Window of an Endoatmospheric Homing Interceptor Model	1979
20100040261	An Investigation of the Separation Characteristics of Several Missile Configurations from the F-15 Aircraft at Mach Numbers from 0.6 to 2.0	1979
20100040262	Evaluation of Several Error Sources Associated With Captive Trajectory Testing	1979
20100040263	Development of Flow Diagnostic Probes in the Heat Facility	1979
20100040264	Interim Report On The Aerodynamic Calibration Of The Tunnel 16S Compressor C23 With C3 Fiberglass Rotor Blades	1979
20100040265	Mathematical Modeling for Energy Conservation in the Von Karman Gas Dynamics Facility	1979
20100040373	Aeromechanical Test Results of the F101 Turbofan Engine	1979
20100040401	Developmental Test of two Thiokol Star 30B (TE-M-700-5) Solid Propellant Rocket Motors	1979
20100040824	Simulated Altitude Test of The AFRPL/Thiokol EEC On A Minuteman LGM-30G Stage III Rocket Motor (AEDC Project E41P-79)	1979
20100040832	The Acoustic Signal Timing Sequence Used by the Target Strength Measurement System	1979
20100040839	VKF/CTS Flight Test Validation	1979
20100040843	Simulated Altitude Performance of the Thiokol TE-M236C Solid Propellant Rocket Motor	1979
20100040844	F100-PW-100 (3) Turbine Engine Altitude Airstart Evaluation With JP8 Fuel	1979
20100040847	System Software Sequencing for the Target Strength Measurement System	1979
20100040858	A Comparative Study of Various Miniature System Vehicle Configurations	1979
20100040859	Multipactor Electron Source	1979
20100040879	F100-PW-100 (3) Lot IV Rear Compressor Variable Vane Scheduling During An Engine Restart Evaluation With JP-4 Type Fuel (Engine S/N FX219-19)	1979
20100040881	Aging and Surveillance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Simulated Altitude (S/N TC30056, Designation TOP-8)	1979
20100040889	Qualification Test of Three Thiokol Antares III (TE-M-762) Solid Propellant Rocket Motors	1979
20100040919	Summary Analysis of Engine Starting Characteristics of Six F107 Engines During Full Scale Development Testing at the AEDC	1979
20100040921	Sensitivity Study of the F107-WR-101 Turbofan Engine Qualification Test Status Math Model	1979
20100040922	Production Quality Assurance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Simulated Altitude, Motor PQA-708	1979
20100040923	Ramjet Engine Test Analysis Standard	1979
20100040924	AEDC Assessment of the Space Shuttle Main Engine Upper Stage Propulsion Systems	1979
20100040925	The Effect of Dynamic Yawing Moment Derivative on the Dutch Roll Mode of a Single Engine Fighter Aircraft at High Angle of Attack	1979
20100040926	An Initial Review of Existing Semi-Emperical and Theoretical Techniques for Predicting Dynamic Stability Derivatives	1979
20100040930	Aging and Surveillance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Simulated Altitude (S/N TC300088 Designation TOP-10)	1979
20100040943	Obscurant Properties of Natural Atmospheric Aerosols	1979
20100040944	Calibration of F107-WR-101 Turbofan Engine S/N 316-5	1979
20100040946	Calibration of F107-WR-102 Turbofan Engines S/N 111-4 and 112-3	1979
20100040977	Production Quality Assurance Testing of a Minuteman III LGM-30G Stage II Rocket Motor at Simulated Altitude (Motor S/N PQA6-87)	1979
20100040998	Development Test at Simulated Altitude of the Thiokol AGM-69A SRAM LLMM Rocket Motor Preconditioned at -70(o)F	1979
20100041257	Calibration, Stability, and Oil Consumption Investigation of the F107-WR-101 Turbofan Engine (S/N's 316-5 and 342-16)	1979
20100041258	Aerodynamic Characteristics of the Miniature Systems Project Missile and Effects of Missile Carriage on the Stability and Performance of the F-15 Aircraft	1979
20110001279	Facility Support Capability at AEDC for AFWL High Energy Chemical Laser Test Program (Project ALPHA)	1979
20110001343	An Analysis of the Theoretical and Experimental Roll Damping and Drag of the Advanced Ballistic Reentry Vehicle (ABRV) Configuration With Sand Grain Roughness	1979
20110020394	NOAA-A Mission Operation Report	1979

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20110020399	MAGSAT Prelaunch Summary	1979
20110020581	Telesat-D/Delta Post Launch Report	1979
20110020590	WESTAR-C/Delta Post Launch Report	1979
20110020792	Workshop on the Need for Lightning Observations from Space - Preliminary Report	1979
20130012844	The House That NASA Built	1979
20140000369	Analysis of the 1930 A Line of C I Near the Solar Limb	1979
20150010476	Xerophytic Microorganisms Reproducing in Near-Martian Conditions	1979
20150010491	Planetary Quarantine Analysis, Part II, Post-Launch Analysis, Supplement 1, Post-Jupiter Encounter	1979
20150010585	Ecology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components	1979
20150010586	Ecology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components	1979
20150010587	Ecology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components	1979
20150010588	Ecology and Thermal Inactivation of Microbes in and on Interplanetary Space Vehicle Components	1979
20150010593	Response of Selected Microorganisms to Experimental Planetary Environments	1979
20150010627	Effects of Antibiotics and Ultraviolet Radiation on the Halophilic Blue-Green Alga, Aphanothece Halophytica	1979
20150010665	Preliminary Studies on the Effects of Phosphine on the Growth Response of Selected Microorganisms	1979
20150010670	Rate-Temperature Curves as an Unambiguous Indicator of Biological Activity in Soil	1979
20150010779	Management Information Center: Task Statement for Support to NASA Life Sciences Contract	1979
20150010856	Airborne Viable Particles Per Cubic Foot within the Orbiter Processing Facility	1979
20150010857	JPL Technical and Economical Considerations	1979
20150010858	Spacecraft Contamination in the STS Era	1979
20150012922	Selected Current Aerospace Notices: A Current Awareness Program	1979
20150012923	United States Atlas of Optical Telescopes	1979
20150013849	Computer Software Management and Information Center Monthly Progress Report	1979
20150013913	Energy: An Annotated Selected Bibliography - Appendix III Volume 2	1979
20160004594	Apollo Tower Jettison Motor Aging Test Program	1979
20160012627	STS-1 Critical Functions Assessment by Mission Phase	1979
20160012662	Major Safety Concerns: Space Shuttle Program	1979
20160013493	Skylab Mission Report: The Final Days	1979
20160013494	Skylab Team Visit to Australia: Trip Report	1979
20160013495	Skylab Reentry Studies	1979
20160013504	Main Propulsion System Assessment	1979
20160014787	SSME Update for National Academy of Engineering Washington	1979
20160014789	SSME Update for Dr. E. E. Covert	1979
20160014790	STS-1 Redline Review: SSME	1979
19800007102	Computer program for generating input for analysis of impingement-cooled, axial-flow turbine blade	1980
19800007812	Mission operation report. Solar Maximum Mission (SMM)	1980
19800009794	Network functions and facilities	1980
19800009795	Viking orbiter completion mission	1980
19800009796	Pioneer mission support	1980
19800009797	Radio astronomy	1980
19800009798	Practical limitations on noiseless optical channel capacity	1980
19800009799	Estimating the angular position of a moving deep space vehicle using two rotating tracking stations	1980
19800009800	Validation of roundtrip charged-particle calibrations derived from S- and X-band Doppler via DRVID measurements	1980
19800009801	Operation of Joule-Thompson refrigeration above the critical pressure of helium	1980
19800009802	Feasibility study of a spacecraft surveillance system	1980
19800009803	The practical limits of photon communication	1980
19800009804	An evaluation criteria model for the navigation network system design	1980
19800009805	Tropospheric path length fluctuation in temperate semiarid locales: Application to the gravitational wave detection experiment	1980
19800009806	GCF-NOCC reconfiguration	1980
19800009807	Preliminary telemetry operations experience with the real-time combiner, 1 November 1978 to 1 November 1979	1980
19800009808	Viterbi decoding modified for sources with memory	1980
19800010133	Constrained fatigue life optimization of a NASVYTIS multiroller traction drive	1980
19800010445	The analysis of delays in simulator digital computing systems. Volume 2: Formulation of discrete state transition matrices, an alternative procedure for multirate digital computations	1980
19800011468	NASA Standard Procedures for the Microbiological Examination of Space Hardware	1980
19800012240	Geobotanical exploration	1980
19800012241	Geological/geophysical resource assessment	1980
19800012242	Magnetic field modeling and crustal studies	1980
19800012243	Spherical harmonic models of the core field	1980
19800012244	Crustal anomaly representation	1980
19800012245	Anomaly verification: Comparison of Pogo magnetic data with aeromagnetic measurements	1980
19800012246	Regional Modeling: The Kentucky anomaly	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800012247	Regional modeling: The Ivrea zone	1980
19800012248	Interpretation of geoid anomalies in the vicinity of subduction zones	1980
19800012249	Global geology and geophysics using satellite-derived data	1980
19800012250	Geophysical atlas	1980
19800012251	Comparative planetology/crustal evolution	1980
19800012252	Crustal deformation: Crustal dynamics project	1980
19800012253	Investigation of crustal dynamics using VLBI	1980
19800012254	Crustal structure and dynamics of southeastern US	1980
19800012255	Plate boundary deformation in California	1980
19800012256	On the selection of station sites for observing strain streps and earthquake forerunners in California	1980
19800012257	GSFC site stability	1980
19800012258	Geodetic stability of the Green Bank, West Virginia VLBI site	1980
19800012259	Earthquake and crustal deformation studies	1980
19800012260	Global intra-plate volcanism	1980
19800012261	Development of A seismic data collection platform	1980
19800012262	Crustal motion measurements in California (SAFE)	1980
19800012263	Geodyn Program Systems Development	1980
19800012264	Gravity model development	1980
19800012265	Gravity model improvement for SEASAT	1980
19800012266	The gravity field in the central pacific from satellite-to-satellite tracking and implications for mantle convection	1980
19800012267	Unexplained Lageos perturbation	1980
19800012268	Mantle convection and subcrustal stress	1980
19800012269	Information theory density distribution	1980
19800012270	The enhanced nodal equilibrium ocean tide and polar motion	1980
19800012271	Polar motion research	1980
19800012272	A determination of GM	1980
19800012273	Polar motion and Earth rotation results from Lageos	1980
19800012274	The SEASAT altimeter height bias using four Bermuda overflights	1980
19800012275	The effect of sea state on altimeter measurements	1980
19800012276	Mean sea surface computation using GEOS-3 altimeter data	1980
19800012277	Ocean circulation	1980
19800012278	Starlette orbit analyses for ocean tidal studies	1980
19800012279	Remote monitoring of forest cover conditions	1980
19800012280	Surface mine monitoring	1980
19800012281	NASA-census Application Pilot Test (APT) and urban area delineation studies	1980
19800012282	Improvement in classification accuracy of LANDSAT MSS data in areas of mountainous terrain	1980
19800012283	Sources of variations in LANDSAT autocorrelation	1980
19800012284	Remote sensing of leaf water content in the near infrared	1980
19800012285	Plant stress and relationships to spectral responses	1980
19800012286	Monitoring drought in Colorado with LANDSAT MSS	1980
19800012287	Effects of wheat irrigation frequency on reflectance in selected spectral bands	1980
19800012288	Off-nadir viewing effects on spectral assessment of green biomass	1980
19800012289	Thermal anisotropy of vegetation canopies	1980
19800012290	Time of day effects on wheat reflectance in fifteen selected bands	1980
19800012291	Assessing soybean leaf area and leaf biomass by spectral measurements	1980
19800012292	Relative sensitivity of fifteen spectral bands to changes in soybean canopy cover for wet and dry soils	1980
19800012293	Radiometric resolution for monitoring vegetation: How many bits are needed?	1980
19800012294	Thematic mapper versus multispectral scanner for crop monitoring	1980
19800012295	Spectra of isolated vegetational constituents	1980
19800012296	A spectral method for determining the percentage of green herbage material in clipped samples	1980
19800012297	Evaluation of a spectral method for percentage green determination using clipped rangeland forage samples	1980
19800012298	LANDSAT-D assessment system	1980
19800012299	Multispectral linear array sensor development	1980
19800012300	Linear array pushbroom radiometer data analysis	1980
19800012301	The spaceborne laser ranging system	1980
19800012869	A model-based technique for predicting pilot opinion ratings for large commercial transports	1980
19800012878	Network functions and facilities	1980
19800012879	DSN telemetry system: Design for megabit telemetry	1980
19800012880	DSN tracking system, Mark 3-1979	1980
19800012881	DSN VLBI system MK 1-80	1980
19800012882	DSN load forecasting for proposed future NASA mission sets	1980
19800012883	Viking Orbiter Completion Mission and Viking Lander Monitor Mission	1980
19800012884	Radio astronomy	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800012885	X-band uplink ground systems development	1980
19800012886	VLBI detection of crustal plate motion using DSN antennas as base stations	1980
19800012887	A bent pipe design for relaying signals received by an orbiting deep space relay station to a ground	1980
19800012888	Arithmetic techniques used in the high-speed front end of the multimegabit telemetry modem	1980
19800012889	Sensitivity of reflector backup structure weight to variable wind speed loadings	1980
19800012890	Analysis of a class of totally self-checking circuits implemented in an NMOS custom LSI structure	1980
19800012891	Pulse-position-modulation coding as near-optimum utilization of photon counting channel with bandwidth and power constraints	1980
19800012892	Deep Space Network control room noise and vibration study	1980
19800012893	A fast algorithm for encoding the (255,223) Reed-Solomon code over GF(256)	1980
19800012894	General sensitivity analysis of solar thermal-electric plants	1980
19800012895	Experimental investigation of the effects of antenna pointing errors on range delays, part 2	1980
19800012896	Network Operations Control Center (NOCC) implementation status report	1980
19800013267	Operating characteristics of high-speed, jet-lubricated 35-millimeter-bore ball bearing with a single-outer-land-guided cage	1980
19800013735	Geomagnetic activity and Hale sector boundaries	1980
19800013978	Theory of plastic flow in a thin layer of metal	1980
19800013997	Study of crosslinking and degradation mechanisms in sealant polymer candidates	1980
19800014017	Silicon nitrides Citations from the international Aerospace Abstracts data base	1980
19800014018	Aluminum oxides. Citations from the International Aerospace Abstracts data base	1980
19800014760	Conceptual studies of a long-range transport with an upper surface blowing propulsive lift system	1980
19800014837	Navigation, guidance, and control for helicopter automatic landings	1980
19800014963	Preliminary study of methods for providing thermal shock resistance to plasma-sprayed ceramic gas-path seals	1980
19800015255	Neutron-meter calibration for the 1978 Colby soil moisture experiment	1980
19800015277	Cell module and fuel conditioner development	1980
19800015632	A comparison of intercontinental clock synchronization by VLBI and the NTS satellite	1980
19800016681	Growth of solid solution semiconductors	1980
19800016806	Viscous thin airfoil theory	1980
19800017138	Computerized video densitometry method for rapid analysis of infrared photographic images	1980
19800017222	Fatigue Testing Machines. Citations from the International Aerospace Abstracts Data Base	1980
19800017273	Remote sensing applied to petroleum and mineral exploration. Citations from the International Aerospace Abstracts data base	1980
19800017694	Technical publications of the NASA-Wallops Flight Center, 1973 - 1979	1980
19800017740	Images of Mars: The Viking extended mission	1980
19800017800	Durability tests of solenoid valves for digital actuators	1980
19800017880	Without 'Tables of Ranks' and the "ISKRA" Student Design Bureau	1980
19800017934	Three dimensional finite-element elastic analysis of a thermally cycled double-edge wedge geometry specimen	1980
19800018138	Soft X-ray polychromator for the solar maximum mission	1980
19800018259	Remote sensing: Photointerpretation techniques of LANDSAT data. Citations from the International Aerospace abstracts data base	1980
19800018572	The effect produced by phenobarbital, sex hormone and by castration on the development of gastric mucosa destruction due to electrization of immobilized rats	1980
19800018720	Lessons of the NASA Tech House	1980
19800018770	Geomorphology of Martian valleys	1980
19800018771	Volcano-ice interactions on the Earth and Mars	1980
19800018772	The stratigraphic sequence of volcanic and sedimentary units in the north polar region of Mars	1980
19800018878	Combustor Modelling for Scramjet Engines	1980
19800018952	Conceptual design study for Coherent Anti-Stokes Raman Spectroscopy (CARS) diagnostics in the AMMRC ballistic compressor facility	1980
19800019317	Investigation of heat storages with salt hydrate as storage medium based on the extra water principle	1980
19800019837	A piloted simulator analysis of the carrier landing capability of the quiet short-haul research aircraft	1980
19800020410	Energy. Application of solar energy in dwellings: A technical and economical analysis for the European community	1980
19800020754	Analysis of transonic swept wings using asymptotic and other numerical methods	1980
19800021090	Summary of the Proceedings of the Super-Conductivity Technical Exchange Meeting	1980
19800021413	Acid rain. Citations from the International Aerospace Abstracts data base	1980
19800021440	F region above Kauai: Measurement, model, modification	1980
19800021539	Circadian rhythms. Citations from the International Aerospace Abstracts data base	1980
19800021853	Mission operation report. Geostationary operational satellite GOES-D	1980
19800021881	Analytical Investigation of Two Hydrogen-Oxygen Rocket Engine Systems for Low-Thrust Application	1980
19800021882	LeRC Reduced Gravity Fluid Management Technology Program	1980
19800021885	Upper Stages Utilizing Electric Propulsion	1980
19800021891	A Pump Fed Bipropellant Propulsion System for Planetary Missions	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800021892	Heat Sterilizable Propellant Development	1980
19800022832	Flight research techniques utilizing remotely piloted research vehicles	1980
19800022902	A simulator study of control and display augmentations for helicopters	1980
19800023022	Amorphous and metastable microcrystalline rapidly solidified alloys: Status and potential	1980
19800023045	The 3500 hour durability testing of commercial ceramic materials	1980
19800023387	Solar energy applications for dwelling; modelling and simulation part	1980
19800023407	Absorption refrigeration machine driven by solar heat	1980
19800023500	Quantitative simulation of a magnetospheric substorm. 1: Model logic and overview	1980
19800023501	Quantitative simulation of a magnetospheric substorm. 2: Comparison with observations	1980
19800023555	Aerospace medicine and biology: A continuing bibliography with indexes (supplement 209)	1980
19800023800	Computational astrophysics relating to the interstellar medium: Problems and prospects for the 1980's	1980
19800023915	Technological innovation in the design and development of the space transportation system	1980
19800023916	Space Shuttle press conference	1980
19800023927	Radiant panel tests on an epoxy/carbon fiber composite	1980
19800023981	Long-time creep behavior of the tantalum alloy Astar 811C	1980
19800024225	Reduction of fuel consumption by thermodynamic optimization of the Otto motor: Comparative investigation of Otto diesel engines	1980
19800024431	Feasibility study on a solar house heating system with a low quality thermal flow	1980
19800024457	Forecasts of energy technology. Citations from the International Aerospace Abstracts data base	1980
19800024533	Quantitative simulation of a magnetospheric storm. 3: Plasmaspheric electric fields and evolution of the plasmopause	1980
19800024683	Dynamics of the chemistry of electronically excited atoms in defined quantum states	1980
19800024777	Semiconductor technology program, program briefs	1980
19800024800	FY 1981 budget press briefing	1980
19800024816	Surface of Venus from Pioneer	1980
19800024819	Solar Maximum Mission	1980
19800024843	Analysis and correlation of test data from an advanced technology rotor system	1980
19800024918	Mission operation report: Voyager program Voyager 1 encounter at Saturn November 12, 1980	1980
19800024950	Space shuttle solid rocket booster retrieval system: Five NOSC papers on space shuttle support	1980
19800025580	Aerospace medicine and biology. A continuing bibliography with indexes, supplement 210, September 1980	1980
19800025775	NASA patent abstracts bibliography: A continuing bibliography. Section 2: Indexes (supplement 17)	1980
19800025821	Coronal heating by stochastic magnetic pumping	1980
19800038557	An Experimental and Numerical Investigation of a Three-Dimensional Shock Wave Separated Turbulent Boundary Layer	1980
19800071501	Shuttle systems weight and performance	1980
19800071502	Space shuttle project documentation. Baseline index and status report	1980
19800071552	Transonic stability and control characteristics of a 0.015-scale (remotely controlled elevon) model 44-0 of the space shuttle orbiter tested in the NASA/ARC 11-foot transonic wind tunnel	1980
19800071553	Results of tests to determine Reaction Control System (RCS) nozzle effects on the orbiter forebody ascent aerodynamic heating rates using a 0.04-scale model (83-0) in the Ames Research Center 3.5 foot hypersonic wind tunnel (OH53A)	1980
19800071820	Initial comparison of sspm ground test results and flight data to NASCAP simulations	1980
19800071892	Investigation of test methods, material properties, and processes for solar cell encapsulants	1980
19800071899	Low-cost Solar Array Project. Task 1: Silicon Material	1980
19800071900	Process Development for Automated Solar Cell and Module Production. Task 4: Automated Array Assembly	1980
19800071966	Payload integration plan annex: Training annex data requirements	1980
19800071967	Data requirements for the payload interface verification summary	1980
19800071968	Payload integration plan: STS and reference satellite A	1980
19800071971	Payload data package, annex: Tracking and Data Relay Satellite System (TDRS)	1980
19800072074	Development of Megasonic Cleaning for Silicon Wafers	1980
19800072121	Launch processing system: Checkout, Control and Monitor Subsystem (CCMS), Detailed software design specifications, book 6, part 3: Console subsystems, operations console	1980
19800072192	Cargo projects. Documentation Index and Status Report	1980
19800072193	Crew compartment annex for electrophoresis equipment verification test. Payload integration plan annex 6	1980
19800072194	Orbiter data reduction complex data processing requirements for sail orbiter 102 tests, level C	1980
19800072195	Transonic stability and control characteristics of a 0.015-scale (remotely controlled elevon) model 44-0 of the space shuttle orbiter tested in the NASA/ARC 11-foot transonic wind tunnel	1980
19800072262	Phase 2 of the array automated assembly task for the low cost silicon solar array project	1980
19800072266	Investigation of proposed process sequence for the array automated assembly task, phase 2	1980
19800072364	OFT pallet carrier system orbiter crew compartment annex. Payload integration	1980
19800072365	Training annex. Electrophoresis equipment verification test	1980
19800072366	STS and defense support program cargo element, payload integration plan	1980
19800072367	OFT pallet system carrier. Payload integration plan, revision a	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800072368	Payload integration plan: Space transportation system and terrestrial applications, revision D	1980
19800072369	Flight planning annex, Office of Space Science payload (OSS-1), preliminary	1980
19800072370	Flight operations support annex for STS-1 Orbiter Experiments (OEX) payload, volume 1	1980
19800072537	Development of a polysilicon process based on chemical vapor deposition, phase 1	1980
19800072538	Development of an improved high efficiency thin silicon solar cell	1980
19800072541	Integral glass encapsulation for solar arrays	1980
19800072542	LSA large area silicon sheet task enhanced ID slicing technology for silicon ingots	1980
19800072544	Development of processes for the production of solar grade silicon from halides and alkali metals	1980
19800072545	Silicon-on ceramic process. Silicon sheet growth and device development for the large-area silicon sheet task of the low-cost solar array project	1980
19800072546	LSA large area silicon sheet task continuous liquid feed Czocharalski growth	1980
19800072640	Microbial contamination control plan for Orbital Flight Test (OFT) missions	1980
19800072709	Automotive stirling engine development program	1980
19800072827	The Calibration of the Quartz Crystal Microbalance Cascade Impactor Using the Berglund-Liu Monodisperse Aerosol Generator for Aerosol Studies in the Atmosphere	1980
19800072911	Process feasibility study in support of silicon material task 1	1980
19800073039	Dynamical and photometric investigation of comets	1980
19800073040	Analysis of soft X-ray data (S-054 experiment)	1980
19800073057	Co-investigator tasks on SEPAC experiments for the First Spacelab Mission	1980
19800073058	STS accomodations assessment and program plan for student involvement	1980
19800073059	Investigation of electrodynamic stabilization and control of long orbiting tethers	1980
19800073064	Payload data package, annex. OFT pallet	1980
19800073105	Evaluation of selected chemical processes for production of low-cost silicon	1980
19800073142	An examination of the clinostat problem using leafy plants	1980
19800073286	Interface design handbook for life sciences experiment flight hardware	1980
19800073324	Task 10: Development of solar-terrestrial physics research educational materials	1980
19800073343	Lunar and planetary science conference 11th, press abstracts	1980
19800073368	Payload integration plan annex. Data requirements for the payload operation control center annex. Volume 2: MCC/remote POCO interface requirements, revision A	1980
19800073369	Aerothermodynamic data base. Data file contents report	1980
19800073418	Automated solar module assembly line	1980
19800073433	Light ion concentrations and fluxes in the polar regions during magnetically quiet times	1980
19800073579	Analysis of flows with shocks	1980
19800073623	Phase 2 of the array automated assembly task for the low cost silicon solar array project	1980
19800073624	Low cost solar array project. Task 1: Silicon material. Gaseous melt replenishment system	1980
19800073625	Automated solar panel assembly line LSA task: Production processes and equipment	1980
19800073789	P80-1 space vehicle system payload integration plan, revision B	1980
19800073791	Sail/off math model configuration	1980
19800074227	Data requirements for the payload data package annex. Payload integration plan annex no. 1, revision C	1980
19800074228	STS and international solar polar mission. Payload integration plan, revision A	1980
19800074229	OFT pallet carrier, preliminary. Flight operations support annex	1980
19800074230	Payload integration plan program for STS, revision A	1980
19800074231	Payload integration plan, space transportation system and solar maximum mission, revision C	1980
19800074268	High accuracy radiation efficiency measurement techniques	1980
19800074280	Dual nozzle aerodynamic and cooling analysis study	1980
19800074345	Evaluation of selected chemical processes for production of low-cost silicon, phase 3	1980
19800074346	Development of megasonic cleaning for silicon wafers	1980
19800074456	Ion implantation. Citations from the International Aerospace Abstracts data base	1980
19800074536	Calibration tests of the space shuttle air data system using a 0.10 scale orbiter forebody model (99-0) in the AEDC 16T propulsion wind tunnel, (OA232), volume 1	1980
19800074537	Calibration tests of the space shuttle air data system using a 0.10 scale orbiter forebody model (99-0) in the AEDC 16T propulsion wind tunnel (OA232), volume 2	1980
19800074538	Test results from the NASA/Rockwell International space shuttle integrated vehicle test using a 0.0175 scale model (60-OTS) conducted in the AEDC-VKF tunnel A (IH85), volume 1	1980
19800074539	Test results from the NASA/Rockwell International space shuttle integrated vehicle test using a 0.0175-scale model (60-OTS) conducted in the AEDC-VKF tunnel A (IH85), volume 2	1980
19800074540	Test results from the NASA/Rockwell International space shuttle integrated vehicle test using a 0.0175-scale model (60-OTS) conducted in the AEDC-VKE tunnel A (IH85), volume 3	1980
19800074541	Test results from the NASA/Rockwell International space shuttle integrated vehicle test using a 0.0175-scale mode (60-OTS) conducted in the AEDC-VKE tunnel A (IH85), volume 6	1980
19800074542	Test results from the NASA/Rockwell International space shuttle integrated vehicle test using a 0.0175-scale model (60-OTS) conducted in the AEDC-VKF tunnel a (IH85), volume 7	1980
19800074543	Test results from the NASA/Rockwell International space shuttle integrated vehicle test using a 0.0175 scale model (60-OTS) conducted in the AEDC-VKF tunnel A (IH85), volume 8	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800074546	Orbiter experiments (OEX) flight operations support annex. Payload integration plan annex 3, volume 2: STS-2 thru STS-4	1980
19800074547	STS and Get-Away Special (gas). Payload integration plan, revision A	1980
19800074548	Payload integration plan: Space transportation system and satellite business system, revision B	1980
19800074549	Payload integration plan: Space transportation system and office of space science payload, revision C	1980
19800074550	Mated aerodynamic characteristics investigation for 0.04-scale model Boeing 747 cam/orbiter (model AX1284 E-7) combination in the University of Washington Aeronautical Laboratory F. K. Kirstein wind tunnel (CA 15B)	1980
19800074551	Results of test using a 0.030-scale pressure loads space shuttle orbiter model (47-0) in the NASA/ARC unitary plan wind tunnels (OA149B/c), volume 2	1980
19800074552	Results of test using a 0.030-scale pressure loads space shuttle orbiter model (47-0) in the NASA/ARC unitary plan wind tunnels (OA149bC), volume 1	1980
19800074614	Automotive Stirling engine development program	1980
19800074670	Investigation of proposed process sequence for the array automated assembly task, phase 2	1980
19800074671	Investigation of test methods, material properties and processes for solar cell encapsulants	1980
19800074672	Development of a polysilicon process based on chemical vapor deposition, phase 1	1980
19800074827	Analysis of data from Aerobee 17.013	1980
19800074921	Data requirements for the flight operations support annex, revision A. Annex 3 to the STS payload integration plan	1980
19800075181	FPT file structure	1980
19800075223	Technology Application Center, FY 1980	1980
19800075227	A unified metabolism detector for Mars	1980
19800075270	Test results from the NASA/Rockwell International space shuttle integrated vehicle test using a 0.0175-scale model (60-OTS) conducted in the AEDC-VKF tunnel A, (IH85), volume 5	1980
19800075271	STS and electrophoresis equipment verification test. Payload integration plan, revision A	1980
19800075272	Electrophoresis Equipment Verification Test (EEVT)	1980
19800075273	Low supersonic stability and control characteristics of a 0.015-scale (remotely controlled elevon) model 44-0 space shuttle orbiter tested in the NASA/LARC 4 foot UPWT (LEG1) (LA101)	1980
19800075274	Mated aerodynamic characteristics investigation for 0.04-scale model Boeing 747 CAM/Orbiter (model AX1284 E-6) combination in the University of Washington Aeronautical Laboratory F. K. Kirsten wind tunnel (CA15A)	1980
19800075416	The buckling analysis of imperfection sensitive shell structures	1980
19800075496	Price allocation guidelines, January 1980	1980
19800075511	Cathode catalyst for primary phosphoric acid	1980
19800075724	Automotive Stirling engine development program	1980
19800075739	Infrared spectroscopy of cometary ices and planetary atmospheres	1980
19800075766	Geostationary Operational Environmental Satellite (GOES)-D launch; prelaunch summary	1980
19800075767	Shuttle/Payload Standard Integration Plan for Deployable-Type Payloads	1980
19800075768	Aerothermodynamic data base, phase C. Data file contents report	1980
19800075769	P80-1 space vehicle system. Payload integration plan, revision C	1980
19800075770	Tracking and data relay satellite-A. Flight operations support annex, preliminary, revision A	1980
19800075774	Data tabulation from carbon fiber plume sampling for large scale fire test at Dugway Proving Grounds	1980
19800075775	Measurement of carbon fiber exposure to failure and possible shock hazard for household equipment	1980
19800075778	Methodology study for the development of a passive sampler for fire-released carbon fibers	1980
19800075975	Preparation and evaluation of advanced electrocatalysts for phosphoric acid fuel cells	1980
19800076196	Test results from the NASA/Rockwell International space shuttle integrated vehicle test using a 0.0175-scale model (60-OTS) conducted in the AEDC-VKF tunnel A (IH85), Volume 4	1980
19800076197	Mission planning and analysis division development plan for transition to STS OPS	1980
19800076198	An investigation of entry heating on the 0.0175 scale space shuttle orbiter (model 60-0) in the AEDC VKF tunnel B (OH39A/B)	1980
19800076199	An investigation of entry heating on the 0.0175 scale space shuttle orbiter (model 60-0) in the AEDC VKF tunnel b OH39A/B, volume 2	1980
19800076200	An investigation of entry heating on the 0.0175 scale space shuttle orbiter (model 60-0) in the AEDC VKF tunnel b, volume 4	1980
19800076205	Selection and validation of a multiple fiber model	1980
19800076206	Carbon fiber transfer functions through filters and enclosures	1980
19800076207	A mathematical model for carbon fiber transmission through filters	1980
19800076208	Large-scale outdoor fire-release carbon fiber tests	1980
19800076568	Implementation and testing of a neighborhood office center	1980
19800076675	An investigation of entry heating on the 0.0175 scale space shuttle orbiter (model 60-0) in the AEDC VKF tunnel b, volume 3	1980
19800076676	Results of tests using a 0.02-scale model (89-OTS) of the space shuttle integrated vehicle in the NASA/Ames Research Center 9 X 7 foot supersonic wind tunnel, volume 1	1980
19800076677	Results of tests using a 0.02-scale model (89-OTS) of the space shuttle integrated vehicle in the NASA/Ames Research Center 9 X 7 foot supersonic wind tunnel, volume 2	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800076678	Results of tests using a 0.02-scale model (89-OTS) of the space shuttle integrated vehicle in the NASA/Ames Research Center 9 X 7 foot supersonic wind tunnel, volume 3	1980
19800076844	Fabrication and test of glass/polyimide honeycomb cores	1980
19800076850	Development of software for remote sensors	1980
19800076860	Changes in the musculus soleus (red muscle) during decreased functioning	1980
19800076867	Space transportation system cargo projects. Facility and equipment requirements documentation. Volume 8: Spacelab payloads command and data systems	1980
19800076873	Characterization of epoxy resin binder for SRB sprayable ablator MSA-1	1980
19800076874	Engineering cost analysis and techniques development	1980
19800076876	Radome test panel	1980
19800076878	Formation of the copy of test signal synchronously phased with a regenerated signal	1980
19800076879	Introduction of vibrational roller treatment into industry	1980
19800076882	Global role of the atmosphere-plants-soil system to compensate for effects on the biosphere	1980
19800076884	Observations of anomalous atmospheric phenomena in the USSR: Statistical analysis	1980
19800076885	Analysis of a method for the polarization survey of sea waves	1980
19800076889	Change in innate forms of motor behavior in prolonged hypokinesia in rats	1980
19800076890	Advances in space biology	1980
19800076891	Reactions of single neurons of the somatosensory cortex in immobilized cats during formation of delayed evoked potential	1980
19800076892	Histometric changes in the liver of inbred rats during prophylaxis of hypokinesia	1980
19800076893	Comparative analysis of stability of the cardiovascular system in rats of different lines during immobilization	1980
19800076894	Effect of hypokinesia on the morpho- and functional state of the kidneys and sex glands in dogs	1980
19800076895	Biosynthesis of ACTH and somatotrophic hormones in the hypophysis of rats following prednisolone block, immobilization and starvation	1980
19800076896	Comparative analysis of stability of cardio-vascular system functioning during immobilization in rats of different lines	1980
19800076897	Alteration of the activity of glycogenesis key enzymes in the rat liver and kidneys subjected to extreme and subextreme factors	1980
19800076898	Comparative investigation of the lymphoid organs of rats during space flight under conditions of weightlessness	1980
19800076899	Interrelationship between ionic composition and functional activity of skeletal muscles in rats	1980
19800076900	Changes in bone formation under immobilization and remobilization animal experiments using Ca-45 and tetracycline labelling	1980
19800076901	Changes in the diameter of muscle fibers in male rats adapted to exercise and hypokinesia	1980
19800076902	Effect of space flight factors and increased temperature on seeds of diploid and tetraploid buckwheat	1980
19800076904	The effect of acetylsalicylic acid, extremely restricted movement and a cholesterol-rich diet on atheromatosis of the rabbit aorta: Comparative investigations	1980
19800076905	Biological studies on the Kosmos biosatellites	1980
19800076906	Changes of plasma and adrenal corticosteroids in rats during hypokinesia and other stresses	1980
19800076908	Mitotic activity of lymphocytes in the thymus cortex during hypokinesia in the period of restoration	1980
19800076909	Effect of immobilization stress on regulatory characteristics of certain enzymes involved in membrane digestion	1980
19800076911	Effects of g-loads and hypokinesia on the structure of the gastric vascular bed	1980
19800076912	Significance of adrenaline and ACTH for the process of the formation of complex heparin compounds in the blood in immobilization stress	1980
19800076913	Effect of antiorthostatic factor on human operator (from data of rheography)	1980
19800076914	Vestibular nystagmus under increased ponderability	1980
19800076915	Dynamics of autonomic reactions during voluntary control of the alpha-rhythm	1980
19800076916	Peculiarities of human sleep with double alternation of cycles sleep waking	1980
19800076917	Interaction between the hippocampus and posterior hypothalamus in performance of orienting reflex	1980
19800076918	Electromagnetic fields in neurophysiology	1980
19800076919	Histophysiology and histopathology of the adrenal glands in experimental hypokinesia	1980
19800076922	Software for the Benson Institute of Space Research graph plotters	1980
19800076923	Optimization of finite elements through suitable shape function generators	1980
19800076924	Effect of anisotropy of interaction on the cross section of elastic molecular scattering	1980
19800076929	Supersonic cruise vehicle technology assessment study of an over/under engine concept, volume 1	1980
19800076930	Supersonic cruise vehicle technology assessment study of an over/under engine concept, volume 2	1980
19800076932	The development of a quiet short-haul research aircraft	1980
19800076936	Wind-tunnel study of low-speed high-angle-of-attack characteristics of highly maneuverable, remotely piloted vehicle (U)	1980
19800076937	Research on airborne traffic situation displays. Volume 2: Integration of the Terminal Configured Vehicle (TCV) with the Wallops Flight Center Experimental Research Facility (WFCERF)	1980
19800076938	Research on airborne traffic situation displays. Volume 2: Integration of the Terminal Configured Vehicle (TCV) with the Wallops Flight Center Experimental Research Facility (WFCERF). Addendum to appendix C: Display software flowcharts and listings	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800076939	Research on airborne traffic situation displays. Volume 1: Development of a Traffic Situation Display (TSD) research capability utilizing the Terminal Area Air Traffic Model (TAATM)	1980
19800076940	Study of a small supersonic cruise research business jet	1980
19800076941	Technology application study of a supersonic cruise vehicle	1980
19800076942	Advanced concept studies for supersonic vehicles	1980
19800076947	Technology application study of an advanced supersonic cruise vehicle, phase 7. Advanced supersonic propulsion studies	1980
19800076948	Advanced supersonic cruise aircraft blended wing/body study	1980
19800076952	Space shuttle programs. Avionics application software development. Vehicle checkout release 17 test report. Level 2 (function) testing. Level 3 (subsystem) testing	1980
19800076953	Analysis of J85-21 compressor aerodynamic flutter data	1980
19800076956	Test results from a jet-effects V/STOL fighter model with vectoring non-axisymmetric nozzles	1980
19800076957	NASA/JT15D engine installation on OV-1B Mohawk aircraft 62-5880	1980
19800076958	Advanced supersonic propulsion studies	1980
19800076959	Recommendations for SCR flying qualities design criteria	1980
19800076961	Application analysis of materials processing in space	1980
19800076962	Mission operation report: NOAA-B	1980
19800076963	Spacelab 3: JSC life sciences payload development plan	1980
19800076964	At the space dock (research and achievements)	1980
19800076965	Materials and processes of space technology	1980
19800076967	Dynamic analysis of spacecraft with flexible appendages	1980
19800076968	Physical Fundamentals of Electric Space Rocket Engines. Volume 1: Elements of the Dynamics of ERE Flows	1980
19800076971	Feasibility study on the development of a heterogeneous matrix for composites	1980
19800076974	Computer-simulation of the film growth in thin polymer films, produced in a glow discharge	1980
19800076975	Formation of optimum regular microrelief by the vibrational burnishing of parts	1980
19800076976	Improving the vibrational machining of parts in an abrasive medium by employing an alternating current	1980
19800076981	Surface accuracy measurement sensor for deployable reflector antennas	1980
19800076983	Main concepts and conclusions of scintillation theory	1980
19800076985	Development of a test article concept for integrated fiber optics cable connector	1980
19800076987	Contract to design, fabricate and test an Electron Bombarded Semiconductor (EBS) amplifier	1980
19800076992	Spreading of a cylindrical, vertical jet of liquid on a horizontal flat surface	1980
19800076995	Study of the characteristics of a scintillation spectrometer of protons of middle energies	1980
19800076996	Device for studying the differential scattering of fast beams	1980
19800076997	Limitations in angular resolution of a radio interferometer with a superlong baseline	1980
19800076998	Algorithms and program for processing the volt-ampere characteristics of spherical ion traps	1980
19800076999	Feasibility and performance of the advanced flow laser (U)	1980
19800077000	Vibrational machining of high-tensile steel parts in an abrasive medium	1980
19800077001	Traffic noise and its annoying effects on hospital patients	1980
19800077002	Initial study of the immediate annoyance of aircraft noise as a function of time of day	1980
19800077003	Settling of fog droplets on falling flat particles	1980
19800077004	Mechanisms of adaptive control of complex motor systems (control of position and acceleration)	1980
19800077005	Effect of hypokinesia on the structure of the neural apparatus of certain rabbit cerebral arteries	1980
19800077006	Effect of preliminary training to gravitational stress and subsequent exposure to a series of extreme factors on the intraorganic blood circulation bed of the intestine	1980
19800077007	Adaptation of the limb bones of inbred rats to physical stress following 60 days of hypokinesia	1980
19800077008	Habitus of growing inbred animals under conditions of hypo-, normo-, and hyperkinesia	1980
19800077009	Problems of stress genetics. 2: Genetic analysis of relative weight of endocrine glands in normal and stressful conditions	1980
19800077010	Participation of the hypophysis-adrenal cortex system in thrombin clearance during immobilization stress	1980
19800077011	Integrative activity of the brain and blood pressure in rats during hypokinetic stress	1980
19800077012	Regional metabolism in the rat brain during stress under hypokinesia	1980
19800077013	Effect of hypokinesia and physical loadings on cardiac myocyte ultrastructure	1980
19800077014	Changes in the functional state and ultrastructure of the zona glomerulosa cells of the rat adrenal cortex under prolonged immobilization stress	1980
19800077015	Contemporary ideas on the problem of the origin of life	1980
19800077016	Combined effect of hypokinesia and gravitational G-forces on wall structure of the renal vein	1980
19800077017	Certain aspects of the process of lipid peroxidation during immobilization stress	1980
19800077018	Rhythmic discharges in the motor hindlimb nerves of decerebrate immobilized cats induced by intravenous injection of dopa	1980
19800077019	Problems of space biology. Volume 38: Physiological and hygienic aspects of the effect of high and low temperatures	1980
19800077020	Responses of muscle spindles of fast and slow muscles to mechanical stimulation during hypokinesia	1980
19800077021	Lipid peroxidation intensity and vitamin E level in tissues after immobilization stress	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077022	Changes in the microcirculatory bed of the compact bone substance under local mechanical pressure, gravitation stresses and hypokinesia	1980
19800077023	The structure of the wall of main arteries in response to hypergravitation and hypokinesia in experiments	1980
19800077024	Significance of adrenalin and acth for the process of formation of complex heparin compounds in the blood in immobilization stress	1980
19800077025	Neurophysical disorders in persons working under conditions of the absence of illumination	1980
19800077026	The dynamics of blood catalase activity in athletes under the influence of local decompression	1980
19800077027	On the morphology of hyaline cartilage in case of immobilization and remobilization	1980
19800077028	Prediction of health status on the verge of the normal and pathological	1980
19800077029	Cortico-subcortical relationships during acute emotional stress	1980
19800077030	Analog model of interaction in the system human body-temperature sensor-environment	1980
19800077031	Interface file tape concept	1980
19800077032	Universal Bus Interface Controller (UBIC) four channel monitor program user's guide	1980
19800077033	Flight software development level 2 test report for SM/RMS, release 17	1980
19800077034	Workload Monitoring System (WMS) for NASA CYBER 174 data reduction activities, volume 1	1980
19800077035	Workload Monitoring System (WMS) for NASA CYBER 174 data reduction activities, volume 2	1980
19800077036	Multidimensional spectral transformations of the BESM-6	1980
19800077037	Potentials of a system for simulation modeling (Asim) for program models of data collection and processing systems	1980
19800077038	Determination of the complete system of function invariants to the group of motions of a plane in recognition of images	1980
19800077039	Physical regularities and numerical values for fundamental constants	1980
19800077040	Resonance vibration of a gyrostat in a circular orbit	1980
19800077041	A model theory for the fibrous absorber. Part 2: A model consisting of elementary cells and the numerical result	1980
19800077043	Measurements of the effectiveness of counting ions with energies of 20-540 keV with channel electron multipliers	1980
19800077044	Optical research in outer space	1980
19800077045	Infrared interference filters with mesh mirrors	1980
19800077046	Auger electrons during the irradiation of solids with medium energy ions	1980
19800077047	Space-Earth. International cooperation in the field of applied use of cosmonautics	1980
19800077048	The second revolution in astronomy is coming to an end	1980
19800077049	Quantum electrodynamic effects within a charged black hole and the problem of Cauchy horizons	1980
19800077050	The collapse of low-mass stars	1980
19800077051	Interstellar medium	1980
19800077052	Hydrodynamic accretion on gravitating center	1980
19800077053	Interstellar helium on the Earth's orbit	1980
19800077054	Molecules: Indicators of physical conditions in the interstellar atmosphere sphere	1980
19800077055	Observation of flaring X-ray source 0525.9-66.1	1980
19800077056	Investigation of a Mach 2.55 cruise aircraft design with an over/under engine arrangement at Mach numbers equal 0.6 to 2.7	1980
19800077057	Performance and loads data from a wind tunnel test of a full scale rotor with four blade tip planforms	1980
19800077058	Large-scale wind tunnel investigation of the quiet short haul research aircraft	1980
19800077059	MI-8 Helicopter	1980
19800077060	Bibliography on aerodynamics of airframe/engine integration of high-speed turbine-powered aircraft, volume 2	1980
19800077061	Engine cycle studies program	1980
19800077062	Engine technology study for SCR Supersonic Cruise Research	1980
19800077063	Large advanced space systems computer-aided design and analysis program, volume 1	1980
19800077064	Large advanced space systems computer-aided design and analysis program. Volume 2: User document	1980
19800077065	Large advanced space systems computer-aided design and analysis program. Volume 3: Programmer document	1980
19800077066	Payload missions integration	1980
19800077067	SPF/DB titanium technology	1980
19800077068	Superplastic Forming/Diffusion Bonding (SPE/DB) process capabilities and limits	1980
19800077069	Metallurgical characterization of superplastic forming of titanium alloys	1980
19800077070	Tooling for superplastic forming/diffusion bonding titanium fabrication	1980
19800077071	Tooling for SPF/DB titanium fabrication	1980
19800077072	Superplastic forming with combined diffusion bonding (SPF/DB) of a primary structure for a supersonic aircraft (T-38 horizontal stabilizer)	1980
19800077073	Application of Superplastic Forming/Diffusion Bonding (SPF/DB) of titanium structure (T-38 main landing gear strut door)	1980
19800077074	Application of superplastic forming/diffusion bonding titanium fabrication	1980
19800077075	Superplastic forming/diffusion bonding applications on wing-like structures	1980
19800077076	Built-up Low-cost Advanced Titanium Structures (BLATS)	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800077077	Superplastic formed and diffusion bonded titanium landing gear component feasibility study	1980
19800077078	STabilized skin studies	1980
19800077079	Evaluation of superplastic forming and co-diffusion bonding for Ti 6Al-4v titanium alloy expanded sandwich structure for Supersonic Cruise Research (SCR) applications	1980
19800077080	SPF/DB development program for AST low cost lightweight structures	1980
19800077081	Superplastic forming/weld-brazing of titanium compression panels	1980
19800077082	Superplastically formed, diffusion bonded (SPF/DB) titanium YF-12 wing panels	1980
19800077084	Analysis of a laser heterodyne spectrometer	1980
19800077085	Mapping from space in the USSR	1980
19800077086	Possible use of reflection spectra of soils to study their properties	1980
19800077087	Fifth conference of the working group of the socialist countries on Remote Sensing of the Earth	1980
19800077088	Modern aspects of developing remote methods of geological study	1980
19800077089	Three-dimensional structure of the Gulf Stream frontal zone from synchronous satellite and ship data	1980
19800077090	Capillary bed of skeletal muscles during hypokinesia	1980
19800077091	Transcription in isolated rat liver nuclei during hypokinesia	1980
19800077092	Vestibular responses of fast and slow Deiters' neurons	1980
19800077093	Sequence of activation of neuronal population in the cat cervical spinal cord by reticulo-, vestibulo- and rubro-spinal influences	1980
19800077094	Functional state of posterior neurohypophysis of rats exposed on the Cosmos-936 biosatellite (from data of a morphological study)	1980
19800077095	The physiology of man at the thirteenth All-Union Physiological Congress (I. P. Pavlov)	1980
19800077096	Structure of night sleep in long-term akinesia and artificial pulmonary ventilation	1980
19800077097	NASA biomedical applications team applications of aerospace technology in biology and medicine	1980
19800077099	Structure of spinal cord capillaries in hypokinesia	1980
19800077100	Peculiarities of cerebral circulation at rest and during fulfillment of functional tests in Salyut-4 crew	1980
19800077101	Review of the monograph of N. Ye. Panferova Hypodynamia and Cardiovascular System, Moscow Nauka, 1977	1980
19800077102	Modeling the physiological effects of weightlessness: Soviet-American experiment	1980
19800077103	Effect of angular orientation of physical and semantic identity of random shapes. Report 2: Interpretation of random figures	1980
19800077104	Universal Bus Interface Controller (UBIC) General Purpose Computer (GPC) simulator	1980
19800077105	Universal Bus Interface Controller (UBIC) diagnostic program user's guide	1980
19800077106	Programs widening the standard resources of the operating system DOS/Yes	1980
19800077107	LACATE/ALS study program report	1980
19800077108	Heating of ions governed by instability of escaping electrons in a Tokamak	1980
19800077109	Spaces that permit a full set of calibration conditions for fields of the highest spins	1980
19800077110	NASA space systems technology model. Volume 1: System/program descriptions and technology needs	1980
19800077111	NASA space systems technology model. Volume 2: Space technology trends and forecasts	1980
19800077112	NASA space systems technology model. Volume 3: Opportunity systems/programs and technologies	1980
19800077113	If you've seen one magnetosphere, you haven't seen them all: Energetic particle observations in the Saturn magnetosphere	1980
19800077114	The invisible Sun: On shortwave radiation of the Sun	1980
19800077115	Have massive cosmological neutrinos already been detected?	1980
19800077116	[No Title]	1980
19800078458	USSR Report: Space	1980
19800078459	AIR et Cosmos commentary on continued manning of Salyut-6	1980
19800078460	Air et Cosmos commentary on Soviet biological satellite program	1980
19800078461	Stabilizing large space structures	1980
19800078462	Air et Cosmos commentary on future Soviet space projects	1980
19800078472	Orbital transfer vehicle advanced expander cycle engine point design study	1980
19800078478	MCIC current awareness bulletin, issue no. 73	1980
19800078836	Orbit transfer vehicle engine study, phase A, extension 1	1980
19800079043	USSR report: Earth sciences	1980
19800079044	Similarity relationship and turbulence spectra in stratified medium	1980
19800079045	Effect of surface waves on heat exchange between the ocean and atmosphere	1980
19800079046	Structure of thermoconcentration convection in a stratified fluid	1980
19800079047	Investigation of the fine vertical structure of water density in the ocean by the optical interference method	1980
19800079048	Remote methods for studying the geological structure of petroleum and gas regions	1980
19800079154	Space	1980
19800079155	Submillimeter band telescope for the Salyut-6 manned orbital station	1980
19800079156	Soviet command-measurement complex described	1980
19800079157	Analysis of one class of linear essentially nonstationary automatic control systems for space flightcraft of the VKS (air-space aircraft) type in the final descent segment	1980
19800079158	Computation of apparent and gravitational velocities in gimballess inertial systems	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079159	System for orbital control of a Stationary Artificial Earth Satellite (SAES) with transfer to a stipulated longitude using a low-thrust Correcting Engine	1980
19800079160	Radiotelescopes in orbit	1980
19800079161	Some new trends in landscape indications of hydrogeological and geological engineering conditions in connection with the use of space survey materials	1980
19800079230	Cosmodrome	1980
19800079278	Worldwide Report: Telecommunications policy, research and development	1980
19800079279	Details of SPACECOM telecommunications financing project	1980
19800079280	Synchronous demodulators for TV signal described	1980
19800079281	Splicing, connection techniques for optical fibers	1980
19800079282	Monitoring transmission breaks on main coaxial cables	1980
19800079283	Expansion of the operating frequency range of high capacity balanced cables for analog transmission systems	1980
19800079306	Long-distance propagation of radio waves in the ionosphere	1980
19800079374	USSR Report: Meteorology and Hydrology, no. 11, November 1976	1980
19800079375	Moistening of the continents and intensity of summer monsoonal circulation	1980
19800079376	Construction of a model of the atmospheric boundary layer for the equatorial zone	1980
19800079377	Small oscillations of the polytropic atmosphere and the filtering role of the hydrostatic approximation	1980
19800079378	Correlation between minimum pressure and maximum wind velocity in tropical cyclones	1980
19800079379	Possible mechanism of transfer of disturbances from the lower thermosphere into the meso-stratosphere	1980
19800079380	Characteristic diurnal variations of winds in the upper mesopause region over Central Europe and eastern Siberia	1980
19800079381	Evaluation of errors in computing effective radiation	1980
19800079382	Optical characteristics of the atmosphere in the tropical zone of the Atlantic Ocean	1980
19800079383	Present status of research on sea surface temperature	1980
19800079384	Maximum possible heights of wind waves in the oceans and seas	1980
19800079385	Evaluation of accuracy in determining water discharge in streams	1980
19800079386	Status and prospects for the development of agroclimatic investigations	1980
19800079387	Degree of activity of growing of winter during winter thaws	1980
19800079388	Scientific center of Soviet hydrology (sixtieth anniversary of the State Hydrological Institute)	1980
19800079389	Patterns in the redistribution of ice in the waters of the foreign Arctic	1980
19800079390	The Magnus effect for a spherical particle during detachment from a solid surface	1980
19800079391	Determination of mean annual runoff from slopes when taking antierosion measures	1980
19800079392	Ensuring the uniformity of measurements in the system operated by the State Committee on Hydrometeorology and Environmental Monitoring	1980
19800079515	Prediction of three-dimensional properties in a rocket exhaust plume: The REP4 computer program	1980
19800079545	Stress/strain characterisation of non-linear materials	1980
19800079593	Orbit transfer vehicle engine study, phase A, extension 1	1980
19800079622	USSR Report: Meteorology and Hydrology, no. 12	1980
19800079623	Tropospheric structure under tropical cyclogenesis conditions	1980
19800079624	Peculiarities of distribution of the tropopause over the Earth	1980
19800079625	Possibilities of determining CO and N2O profiles from measurements on slant paths in the microwave spectral range	1980
19800079626	Characteristics of exceeding of a stipulated concentration level in a stationary jet	1980
19800079627	Vertical profile of parameters of microstructure of stratus clouds	1980
19800079628	Some peculiarities of the spatial and temporal distribution of tritium in precipitation over the territory of the USSR	1980
19800079629	Parameterization of the active layer in a model of large-scale interaction between the ocean and the atmosphere	1980
19800079630	Computations of runoff rates and travel time of water from slopes in determining maximum rain-induced discharges for small drainage basins	1980
19800079631	Theoretical analysis of dependence of the soil water yield coefficient on the rate of change in ground water level	1980
19800079632	Water permeability of frozen unconsolidated soils and analysis of the dynamics of its change during the period of snow melting and thawing	1980
19800079633	Method of moist convective adaptation	1980
19800079634	Comparison of mean conditional entropies of two coherent models of the "atmosphere-ocean" system	1980
19800079635	Meteorological space observation system in the United States	1980
19800079639	USSR Report: Earth sciences	1980
19800079640	Characteristics of small-scale turbulence in the ocean thermocline	1980
19800079641	Investigation of the surface layer of evaporating sea water by the optical interferometry method	1980
19800079642	Experimental study of internal waves in ocean by remote methods	1980
19800079643	USSR Report: Biomedical and Behavioral Sciences: Effects of nonionizing electromagnetic radiation	1980
19800079644	Possible mechanisms behind the bioeffects of low frequency electromagnetic fields	1980
19800079645	Bioeffects in response to a low intensity pulsed 9400 MHz microwave electromagnetic field	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800079646	Biological action of an industrial frequency (50 Hz) electric field	1980
19800079647	Immunological effects of low microwave exposure	1980
19800079648	Dynamics of changes in an organism's behavioral reactions induced by microwave radiation	1980
19800079649	The effects of injury and restoration of the organism of rats under microwave irradiation (2400 MHz)	1980
19800079662	East Europe Report: Scientific affairs	1980
19800079663	Research on solidification of heavy ingots by numerical process control	1980
19800079664	Use of unconventional machining methods discussed	1980
19800079802	Space shuttle launch and landing projects. Schedules and status summary	1980
19800079803	Space transportation system: Cargo projects. Documentation format and preparation guidelines	1980
19800079804	KSC space shuttle project. Operational documentation tree	1980
19800079806	Orbital transfer vehicle advanced expander cycle engine point design study	1980
19800079859	USSR Report: Physics and mathematics. Quantum electronics	1980
19800079860	Photon branching in chain reactions and chemical lasers initiated by infrared radiation	1980
19800079861	Prospects for employing porous structures for cooling power optical components	1980
19800079862	Relationship between the statistics of laser damage to solid transparent materials and the statistics of structural defects	1980
19800079863	Investigation of limiting operating modes of a lamp-type pumping module in the "mikron" laser unit	1980
19800079864	Investigation of characteristics of new compositions for passive shutters for iodine lasers	1980
19800079899	USSR Report: Earth Sciences. Selections from Progress in Soviet Oceanology	1980
19800079900	Problems of Soviet oceanology in the light of the resolutions of the 25th Congress of the CPSU	1980
19800079901	Large-scale interactions between the ocean, the atmosphere and the continents	1980
19800079902	Interaction of the atmosphere and ocean	1980
19800079903	Synoptic eddies in the ocean (a survey of experimental research)	1980
19800079904	Variability of the distribution of chemical elements in ocean water	1980
19800079905	State of the art and problems of the geology of the ocean	1980
19800079906	Geological prospects for the mastery of solid minerals of the ocean floor	1980
19800079907	Geophysical studies of the ocean and sea floor in connection with the problem of utilizing the mineral resources of the continental shelf of the USSR and the world ocean	1980
19800079908	Basic results of research in the ocean regions of polar latitudes (Polex program)	1980
19800079925	Lunar laser ranging data deposited in the National Space Science Data Center normal points, filtered observations, and unfiltered photon detections	1980
19800079944	Launch and landing project description and requirements baseline	1980
19800079965	Study of the feasibility of presenting precision approach radar information on a brands type display	1980
19800080041	Investigation of problems associated with MIL-I-24063A inserts for RISIC couplings	1980
19800080162	STS facility and equipment design plan. Volume 75: Orbiter crash, rescue and shuttle/cargo salvage	1980
19800080240	Storage life assessment of the packaged liquid propellants IRFNA and MAF-1	1980
19800080363	The electro-optical display/visual system interface: Human factors considerations	1980
19800080393	Compatibility evaluation of final configuration design model for sea-actuated parachute automatic crew release system (SEA-PAC) devices	1980
19800080413	Cruise missile engine program contract data requirements list sequence number 95, qualification test report. Volume 1: Vibration and hot endurance testing on engine S/N 321 F107-WR-101 cruise missile engine	1980
19800080415	Cruise missile engine program, contract data requirements list sequence number 95 qualification test report. Volume 7: Altitude performance and starts on engine 102 F107-WR-102 cruise missile engine	1980
19800080416	Cruise missile engine program contract data requirements list sequence number 95, qualifications test report. Volume 9: Vibrations, distortion and starts on engine S/N 104 F107-WR-102 cruise missile engine	1980
19800080417	Cruise missile engine program, contract data requirements list sequence number 95, qualification test report. Volume 11: Inlet distortion and start testing on engine 701 F107-WR-400 cruise missile engine	1980
19800080418	Cruise missile engine program contract data requirements list sequence number 95 qualification test report. Volume 12: Mission simulation testing on engine 702 F107-wr-400 cruise missile engine	1980
19800080419	Cruise missile engine program contract data requirements list sequence number 95, qualification test report. Volume 28: Structural overspeed tests. Part 1: HP overspeed test	1980
19800080421	AV-8B reliability and maintainability allocations	1980
19800080439	Yav-8B aerodynamic stability and control and flying qualities report, revision C	1980
19800080440	Feasibility study: Gas operated airfield lighting devices	1980
19800080441	Operational test 2 of the AH-1Q flight and weapons systems simulator (OT 2 AHIFS)	1980
19800080444	Report for the operation of the Computer Software Management and Information Center (COSMIC)	1980
19800080456	Orbital Transfer Vehicle (OTV) advanced expander cycle engine point design study	1980
19800080457	Shuttle systems weight and performance	1980
19800080466	Predictive techniques for failure mechanisms in solid rocket motors. Volume 3: Data package for TP-H1011	1980
19800080467	Predictive techniques for failure mechanisms in solid rocket motors. Volume 4: Subscale motor tests and texgap analysis	1980
19800080531	NWC UHF timing system	1980
19800080560	Evaluation of Bendix generator, P/N 28B131-4-A, for use on a A-6E and KA-6D aircraft	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800080672	NATO surface-to-surface missile study. Ballistic Offensive Suppression System (BOSS) utility study	1980
19800080678	Predictive techniques for failure mechanisms in solid rocket motors. Volume 1: Program objectives and overview	1980
19800080679	Predictive techniques for failure mechanisms in solid rocket motors. Volume 2: Data package for UTP-18803A	1980
19800080680	Predictive techniques for failure mechanisms in solid rocket motors. Volume 5: Subcontractor report, first half	1980
19800080681	Predictive techniques for failure mechanisms in solid rocket motors. Volume 6: Subcontractor reports, second half	1980
19800080699	Development of Inconel 625 clad HY-130 steel plate	1980
19800080712	A feasibility study for the ballistic range concept to study contrails, volume 1	1980
19800080714	Synthetic fuel characterization and crude assay program (fiscal year 1976 and fiscal year 1977)	1980
19800080767	Fluidic gyro development	1980
19800080786	Conclusions of the MOD(PE) industry programme to investigate the causes of unreliability of aircraft mechanical components, November 1975 - November 1978	1980
19800080829	Initial conceptualization and characterization of a Navy automated publishing system. Volume 3: Appendices	1980
19800080838	Interaction of a three-dimensional integral boundary layer method with two full-potential transonic wing codes	1980
19800080839	Oscillatory flows from shock-induced separations on biconvex aerofoils of varying thickness in ventilated wind tunnels	1980
19800080856	Aerodynamic performance studies. Results of a study to determine the effect of multibody aerodynamic interference on the performance of typical rapid deployment systems	1980
19800080861	Operational evaluation of the FLU-8/P automatic life vest actuator	1980
19800080878	AV-8B. V/STOL technical data	1980
19800080888	Cruise missile engine program. Contract data requirements list sequence number 95. Qualification test report. Volume 13: Vibration, starts and hot endurance testing on engine 704 F107-WR-400 cruise missile engine	1980
19800080903	Opinions of Marine Corps pilots on aircraft gun systems	1980
19800080904	Guayule rubber retread tire tests on the A-7 airplane	1980
19800080905	AH-1J dynamic interface tests aboard the USS Saipan (LHA-2)	1980
19800080916	Dynamic guided missile retargeting study	1980
19800080918	YAV-8B ski-jump correlation analysis report	1980
19800080938	Assessment of simple procedures for calculating the effect of parameter changes and installation of stores on the lateral handling qualities of an aircraft	1980
19800080949	Undergraduate Pilot Training: Instrument Flight Simulator (UPT-IFS)	1980
19800080950	AV-8B flight simulation program plan	1980
19800080965	Space shuttle project documentation baseline: Index and status report	1980
19800080966	Space shuttle launch and landing projects. Schedules and status summary	1980
19800080978	Inlet and ram burner freejet and transition tests. Part 15: The 45 deg port cover test results and evaluation	1980
19800081017	Aging of HTPB propellants	1980
19800081021	Operational evaluation of the LUU-2B/B aircraft parachute flare and SUU-25F/A dispenser	1980
19800081090	American Laser Systems, Incorporated, model 736 laser communicator, November 1979	1980
19800081095	A study to design a free electron laser experiment. Subtasks 3.4.5 and 3.4.6. of task 4 and task 7	1980
19800081099	Concept Evaluation Program (CEP) test of mini laser rangefinder (MLRF)	1980
19800081102	Ultraviolet laser effects experiments	1980
19800081105	Orbit Transfer Vehicle (OTV) advanced expander cycle point design study	1980
19800081118	Stiffness coupling effects on glass fibre composite beams	1980
19800081122	Effect of heat input on the heat-affected-zone of Ti-6AL-2CB-1TA-0.8 Mo weldments	1980
19800081125	USSR Report: Meteorology and Hydrology, no. 1, January 1980	1980
19800081126	Water vapor and precipitation budget in synoptic formations in the temperate latitudes	1980
19800081127	Choice of decisions with the availability of forecasts with different validity times	1980
19800081128	Evaluation of the stage of development of a cumulus cloud	1980
19800081129	Features of ozone distribution with entry of southerly cyclones into the European USSR	1980
19800081130	Evaluation of the effectiveness of remote sensing of the geopotential field over the Northern Hemisphere	1980
19800081131	Calculating the zone of clearing from a linear heat source in clouds	1980
19800081132	Irregularity of the Earth's rotation as possible indices of global water exchange	1980
19800081133	Evaluation of parameters of a completely broken wave flow	1980
19800081134	Aerial gamma survey of the snow cover in mountains	1980
19800081135	Structure and reformation of sand ridges	1980
19800081136	Determining the mean slope of a drainage basin	1980
19800081137	Attenuation of radiation in the window of relative atmospheric transparency 8-13 microns	1980
19800081138	USSR report: Earth sciences	1980
19800081139	Monograph on experimental studies of atmospheric aerosol	1980
19800081140	Meteorological and acoustic effects from artificial heating of the troposphere by electromagnetic radiation	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081141	Problems in three-dimensional geophysical research in the ocean	1980
19800081142	Variations in activity of weak crustal earthquakes with different focal depths	1980
19800081143	New system of tectonic constructions for the territory of Siberia	1980
19800081144	USSR report: Space	1980
19800081145	Atmospheric research conducted on Salyut-4	1980
19800081146	Contemporary problems in satellite oceanology	1980
19800081147	Hopes and realities of oceanography from space	1980
19800081148	Remote methods of studying the Earth's surface and the atmosphere of the Earth in the microwave band	1980
19800081149	On the further development of methods of studying the Earth from space	1980
19800081163	Surveillance test of battery, storage: 1-2-volt, 6TN, low maintenance, plastic case	1980
19800081181	Human factors F-16 all-weather tests and evaluation	1980
19800081185	East Europe report: Scientific affairs	1980
19800081186	Impact of NC, microprocessor technology on machine tool industry	1980
19800081187	Machine tool industry microprocessor applications	1980
19800081188	Control systems in CSSR, CEMA	1980
19800081199	USSR report: Physics and mathematics	1980
19800081200	On converting the radiation of a laser having an unstable resonator with the help of conical optics	1980
19800081201	Continuous-wave laser radiation power stabilizers with an external control element	1980
19800081202	Laser radiation absorption in a crater in a metallic target	1980
19800081203	Absorption coefficients of mirror surfaces of intermetallic compounds at wave length $\lambda = 10.6$ microns	1980
19800081213	Development of third generation 0.9 micron MCP lightweight high performance and low cost image intensifiers	1980
19800081221	NASA Florida State Technology	1980
19800081228	A phenomenon of subsonic aerodynamic loading from rapid aileron oscillations	1980
19800081244	Required operational capability (ROC) no. INT 1.21 for Military Free-Fall (MFF) parachutes	1980
19800081252	Static and dynamic pressure measurements of the Boeing MSP missile at Mach numbers from 1.5 to 3.75	1980
19800081256	Study of loadmaster safety devices	1980
19800081271	AH-1T dynamic interface tests aboard the USS Saipan LHA-2 with basic and tow configured helicopters	1980
19800081272	The contribution to aircraft design of research in fluid dynamics	1980
19800081273	Flight trials of an automatic control law for a BAC 1-11 aircraft utilising the wing spoilers for direct lift control	1980
19800081274	A preliminary simulator assessment of direct-side force control for augmenting the handling qualities of combat aircraft	1980
19800081277	E-4B advanced airborne command post initial operational test and evaluation quick-look report update	1980
19800081302	Cruise missile engine program. Contract data requirements list sequence number 95. Qualification test report. Volume 8. Vibration and hot endurance testing on engine 103 F107-WR-102 cruise missile engine	1980
19800081303	Cruise missile engine program. Contract data requirements list sequence number 95. Qualification test report. Volume 6. Mission simulation on engine S/N 101 F107-WR-102 cruise missile engine	1980
19800081304	Cruise missile engine program, contract data requirements list sequence number 95, qualification test report. Volume 4. Performance, distortion, and start testing on engine 324 F107-WR-101 cruise missile engine	1980
19800081305	Limited evaluation of the A-37B aircraft using JP-8 fuel	1980
19800081312	AV-8B sonic fatigue loads report	1980
19800081314	The digital avionics update for Hunter WV383	1980
19800081325	Experimental flutter at high subsonic speeds and its theoretical prediction, taking into account wing thickness and Reynolds number	1980
19800081330	Failure mode and effects analysis for stability augmentation and attitude hold system to be incorporated in AV-8C aircraft	1980
19800081334	USSR Report: Space	1980
19800081337	Static-Stability test on the miniature system program missile to determine exhaust plume effects at Mach numbers 1.5 to 3.5	1980
19800081343	Burst pressure predictions of rocket motor cases, using elasto-plastic analysis and instability theory	1980
19800081344	A device to determine the centre of gravity of rocket motors	1980
19800081347	Titan 3 transtage engine system Improved Transtage Injector Program (ITIP). ITIP uprate development program, transtage engine system analysis report, volume 4	1980
19800081348	The 100 LBF ACS engine evaluation program aerojet engines	1980
19800081349	Rocket nozzle surface recession	1980
19800081352	Nozzle exit plane radiation diagnostics measurements of the improved transtage liquid rocket injector program	1980
19800081361	The characterisation of linear viscoelastic materials from experimental data	1980
19800081363	Fatigue properties of vacuum arc remelted 300M steel	1980
19800081366	Atmospheric corrosion of metal systems. 2: Analysis of the corrosivity of environments at the atmospheric testing stations of Comecon - member countries based on the result of 5 year tests on steel, zinc, copper and aluminum	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081368	A study of the dynamic yield stress of metals at impact velocities of up to 1,000 meters per second	1980
19800081384	Fate of TNT in an aquatic environment: Photodecomposition versus biotransformation	1980
19800081387	Manufacturing methods and technology for the establishment of production techniques for a split-cycle Stirling cryogenic cooler	1980
19800081395	Radar shadow-grams of second echelon terrain	1980
19800081396	Information and ambiguity in millimeter wave radar: Characterization and signal modeling	1980
19800081402	The 95 GHz extended interaction amplifier	1980
19800081404	Advanced electron device technology	1980
19800081408	Boundary layer ground tests program. Volume 2: Turbulence wind tunnel tests	1980
19800081413	Shock tube research into the origin of Mach waves inside and outside supersonic jets	1980
19800081426	USSR Report: Physics and mathematics	1980
19800081427	Concerning self-oscillatory instability in fast-flow lasers with unstable resonators	1980
19800081428	Experimental study of the way that rhodamine-6G laser emission acts on aluminum	1980
19800081429	Particulars of stimulating emission in vapors of complex organic compounds	1980
19800081430	A multibeam waveguide CO2 laser with ac discharge excitation	1980
19800081431	Intensity fluctuations of thermally self-stressed laser radiation in a turbulent medium	1980
19800081432	A study of the characteristics of photoionization excimer lasers	1980
19800081433	The change in the energy characteristics of an electroionization discharge in mixtures of CO2-N2-He and commercial grade nitrogen during pulse periodic operation	1980
19800081434	Interferometric criteria for radiation focusing	1980
19800081445	Influence of assumed crack growth pattern on damage-tolerance life prediction for corner-cracks at holes	1980
19800081450	USSR Report. Meteorology and Hydrology, no. 2, February 1980	1980
19800081451	Statistical prediction of radiation and radiation-advective fogs	1980
19800081452	The boundary condition in problems of atmospheric diffusion of an admixture	1980
19800081453	Prediction of air contamination over the Apsheron Peninsula	1980
19800081454	Influence of direction of transport of air masses on the content of organic microadmixture in precipitation	1980
19800081455	Objective analysis of the tropopause	1980
19800081456	Checking of the applicability of balance equations on the basis of imperical data	1980
19800081457	Some methods for parameterization of subgrid processes	1980
19800081458	Hurricanes of middle-latitude seas and their consequences	1980
19800081459	Some features of water circulation in the North Atlantic	1980
19800081460	Comparison of satellite and shipboard data on temperature measurements of the water surface in the Equatorial Atlantic	1980
19800081461	Accuracy in computing the monthly water balance of the Aral Sea	1980
19800081462	Use of the residual method of statistical analysis for the investigation of hydrometeorological processes	1980
19800081463	Calculation of length of sand ridges in open flows	1980
19800081464	Conservative value in a barotropic model with allowance for relief	1980
19800081465	Ozone content in an urban atmosphere in dependence on meteorological conditions	1980
19800081466	Calculations of air humidity over the sea from the water-air temperature difference	1980
19800081467	Atmospheric investigations abroad using aircraft laboratories	1980
19800081468	USSR Report. Earth sciences	1980
19800081469	Complex active-passive sounding of cloud cover	1980
19800081470	Some possibilities of using the synthetic apertures method for observing meteorological targets	1980
19800081471	Observations of fronts in the polymode area	1980
19800081472	Study of temperature fluctuations with inertial and diurnal periods	1980
19800081473	Separation of semidiurnal temperature fluctuations determined by the barotropic tide and internal waves	1980
19800081474	Study of the diurnal and semi-diurnal temperature fluctuations	1980
19800081475	Study of abyssal temperature and density structure and the velocity profiles in an anticyclonic eddy	1980
19800081476	Polymode international large-scale ocean experiment	1980
19800081477	Study of the train structure of short-period temperature fluctuations	1980
19800081478	Possibility of stimulation of turbulence in the polar magnetosphere: First results of Mini-1	1980
19800081479	Ionospheric effects in a geophysical experiment with a powerful MHD-generator	1980
19800081480	Polarization of artificial VLF emissions in the auroral zone	1980
19800081481	Results of observations carried out during vertical sounding of the region of the high-latitude ionosphere disturbed by powerful radioemission	1980
19800081482	Araks experiment. Doppler radar measurements of the effects of injection of an artificial electron beam into the northern hemisphere ionosphere	1980
19800081483	Radar observations of dense ionization created by an artificial electron beam	1980
19800081484	Surface radiophysical observations of the leakage of particles in a magnetically conjugate region in the northern hemisphere in the Soviet-French Araks experiment	1980
19800081499	Variability of cloudiness and radiation field (selected articles)	1980
19800081500	USSR Report. Life sciences: Biomedical and behavioral sciences	1980
19800081501	Recovery of microbial metabolites	1980
19800081502	Molecuar and cellular biophysics	1980
19800081503	Bacteriorhodopsin and the visual pigment rhodopsin: As discussed at Soviet-American symposia	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081504	Fragment information subsystem in physiology and medicine	1980
19800081505	Principles of functional organization of tissue systems	1980
19800081506	Autowave processes and cardiac arrhythmia	1980
19800081507	The polar stress syndrome and some problems of human ecology at high latitudes	1980
19800081508	A national psychological service	1980
19800081511	Improved piloting performance whilst using direct voice input	1980
19800081512	Identification of significant aircrew decisions in Navy attack aircraft	1980
19800081524	A theoretical model of ambient noise in a low-loss, shallow water channel	1980
19800081532	Postdoctoral and senior postdoctoral resident research associateship program	1980
19800081533	Postdoctoral and senior postdoctoral resident research associateship program	1980
19800081534	Requirements Analysis for the Facilities Maintenance Management System. Phase 3: O and M Budgeting	1980
19800081542	The AV-8A short takeoff STO performance analysis	1980
19800081544	AV-8B Schedule of structural work report, revision A	1980
19800081545	AV-8B reliability and maintainability	1980
19800081547	Technical evaluation of the F-14A Goodrich carbon brake	1980
19800081551	CKU-7/A rocket catapult FY-79 surveillance evaluation	1980
19800081552	USSR report. Space	1980
19800081553	Cosmonaut Klimuk describes Soyuz-T mission plans	1980
19800081554	Space sciences: Thermal soundings of the atmosphere from Salyut-6	1980
19800081555	USSR Report: Space	1980
19800081556	Physical principles of space electroreaction (electrojet) engines	1980
19800081557	Some problems in the study of physical geography from space	1980
19800081559	Evaluation of a small payload recovery system	1980
19800081561	Propulsion energy management simulation program (PEMSIM). Volume 2: Programming manual	1980
19800081565	The Hugoniot for 90W-7Ni-3Fe tungsten alloy	1980
19800081572	Degradation mechanisms and stability of delay compositions	1980
19800081574	Radar target identification using variable polarization techniques	1980
19800081578	Analyses of calculated three dimensional frictionless flow fields with imbedded compression shocks representation of a field solution, part 1	1980
19800081584	USSR Report: Meteorology and Hydrology, no. 3, March 1980	1980
19800081585	Dynamic-statistical parameterization of the ocean's thermal memory	1980
19800081586	Zonal distribution of cloud cover over the Earth	1980
19800081587	Determinations of the mass concentration of aerosols in the plumes of industrial plants using a lidar	1980
19800081588	Change in microstructure of stratiform clouds under influence of condensation nuclei	1980
19800081589	Probabilistic approach to the objective classification problem	1980
19800081590	Structure of tropical cyclone Carmen determined from aerological sounding measurements over the ocean	1980
19800081591	Accuracy in determining atmospheric ozone content using data from measurements of outgoing radiation	1980
19800081592	Model for computing thickness of the quasi-homogeneous layer in the ocean	1980
19800081593	Computation of characteristics of the quasi-isothermal layer in the equatorial zone of the ocean	1980
19800081594	Opposition in ice redistribution in the waters of the foreign Arctic	1980
19800081595	Methods for regime and operational determination of river runoff	1980
19800081596	Objective method for evaluating the probable success of an individual hydrological forecast	1980
19800081597	Distribution of current velocity and turbulent friction near the waterair interface	1980
19800081598	Method for measuring the thickness of a petroleum film on the surface of a water basin	1980
19800081599	Computation of mean oblast yield of winter wheat	1980
19800081600	Computation of atmospheric counterirradiation	1980
19800081601	Nephelometric method for determining light attenuation in the UV and visible spectral regions	1980
19800081602	Transmission of integral solar radiation by a grass cover	1980
19800081603	Optical properties of crystalline clouds	1980
19800081604	Establishment of an initial production facility for the G2666 lithium reserve cell	1980
19800081615	Fiber Optic Sensor System (FOSS) technology assessment	1980
19800081618	East Europe Report. Scientific affairs	1980
19800081619	Use of decision tables for protection of data in computers and data banks	1980
19800081620	High quality steel from old jet engines	1980
19800081625	Wind tunnel test of the NASA space shuttle orbiter bipod at Mach Numbers from 0.125 to 1.40	1980
19800081626	Wind tunnel tests on the 1/12-scale AFTI-3 force and pressure model at Mach Numbers from 0.60 to 1.30	1980
19800081642	Deployment of conical ribbon and cruciform parachutes behind a wide area anti-armor submunition at Mach nos. from 0.6 to 0.9	1980
19800081643	A study of the effects of spanwise blowing on the lift of trailing edge flight controls	1980
19800081645	Distributed loads on a 0.25-scale GBU-15 (CWW) model at transonic Mach numbers	1980
19800081646	Wind tunnel tests on the 1/9-scale F-16 horizontal tail pressure model at Mach numbers from 0.60 to 1.50	1980
19800081649	Test loading Vought General support rocket system	1980
19800081651	Compatibility evaluation of final configuration design model for sea-actuated parachute automatic crew release sea-pac device	1980
19800081652	Crash testing of BO-105 S6 helicopter D14 test number 1197 of 20 Nov., 1973	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081656	AN/ARN-101 mission data transfer system evaluation	1980
19800081657	Operational test 2A and 2A extended of AN/ASN-128 Lightweight Doppler Navigation System (LDNS)	1980
19800081659	Inertial and homing guidance analysis	1980
19800081661	United Kingdom research on the modern transport flight deck and the interaction with air traffic control	1980
19800081662	Flight deck ambient light levels on flight systems BAC 1-11 aircraft, XX105	1980
19800081664	Armed helicopter requirement study-black hawk application	1980
19800081665	SH-3H Systems Integration Preliminary Evaluation (SIPE)	1980
19800081676	Quarterly compilation of abstracts on completed Test, Experimental, and Development (TED) projects	1980
19800081679	A-6 fuel saving technology applications study	1980
19800081680	Handbook on aviation materials and technology of their use	1980
19800081681	Alpha jet before delivery	1980
19800081682	Operational Test and Evaluation (OT and E) of F-111F Operational Flight Program (OFP)	1980
19800081685	AV-8C CILOP stress analysis report, revision A	1980
19800081693	For processing of RH-53D operational flight data. Volume 1: Data collection and results	1980
19800081694	For processing of RH-53D operational flight data. Volume 2: Tabular data printouts	1980
19800081696	Geometric surface shell studies	1980
19800081697	Limited evaluation of the F-106 A aircraft using JP-8 fuel	1980
19800081698	Cruise drag performance test of the C-141 B transport with a recontoured wing	1980
19800081700	C-141 aircraft fiberglass battery box insert	1980
19800081702	The influence of digital techniques on avionics system architecture	1980
19800081703	Operational test and evaluation visual approach monitor	1980
19800081704	F-16 fire control computer operation flight program independent assessment, volume 2	1980
19800081705	F-16 fire control computer operational flight program independent assessment, volume 1	1980
19800081707	Air intake and gas exhaust systems for high-speed gas-turbine vessels	1980
19800081708	Cruise missile engine program. Contract data requirements list, sequence number 95, Qualification Test Report. Volume 2: Vibration testing and mission simulation on engine S/N 322 F107-WR-101 cruise missile engine	1980
19800081709	Ceramic gas turbine engine demonstration program	1980
19800081712	Cruise missile engine program. Contract data requirements list sequence number 95, Qualification Test Report. Volume 28: Structural overspeed tests. Part 2. LP overspeed test	1980
19800081713	Cruise missile engine program. Contract data requirements list sequence number 95. Qualification Test Report. Engine pressure test	1980
19800081714	Cruise missile engine program. Contract data requirements list sequence number 95, Qualification Test Report. Volume 29. Engine overtemperature tests	1980
19800081715	Flight evaluation/component improvement program of the TF41-A-2 engine in the A-7 E airplane	1980
19800081716	Radiation/smoke and combustion efficiency from gas turbine flames. Part 5: fuel property effects on performance	1980
19800081718	Cruise missile engine program. Contract data requirements list sequence number 95, Qualification Test Report. Volume 25: Component oil reservoir F107-WR-101	1980
19800081719	Cruise missile engine program. Contract data requirements list sequence number 95: Qualification test report. Volume 25: Component oil reservoir F107-WR-102 and F107-WR-400 cruise missile engines	1980
19800081721	Feasibility program for a fluidic fuel control concept for an advanced Ramjet engine	1980
19800081725	Implementation of stiff gear integration techniques for EASY (Environmental Control Analysis System)	1980
19800081726	Advanced electronics and digital sensor technology. Volume 1: Management summary	1980
19800081727	Advanced electronics and digital sensor technology. Volume 2: General autopilot	1980
19800081730	F-16 Operational Flight Trainer (OFT). Qualification operational test and Evaluation (QOT&E) plan	1980
19800081735	Electromagnetic compatibility study of a proposed UHF satellite earth terminal at London, UK	1980
19800081737	Engineering design of the guided ballistic missiles with RDTT (solid-propellant rocket engine)	1980
19800081738	Subsonic ACSM point design for moving targets. Volume 2: Cost	1980
19800081741	Static force test of the Army dart projectile at Mach numbers 3.0 to 5.0	1980
19800081742	Static force, heat transfer, and pressure tests of two aerodynamic configured missile ACM concepts at Mach numbers 2.5 to 5.0	1980
19800081743	Launch evaluation report, Titan IIC vehicle 23C-19, C-37	1980
19800081745	Space shuttle orbital maneuvering system pod heating test at Mach number 8	1980
19800081747	The dynamics of space craft with magnetic control system. Parts 2, 3 and references	1980
19800081749	Physical principals cosmic electro-jet engines, volume 1	1980
19800081750	Functioning of small double-base, solidpropellant motors	1980
19800081756	Low cost Boundary Layer Thrust Vector Control (BLTCV) for nozzleless motors	1980
19800081757	Confined Jet Thrust Vector Control (CJTVC) nozzle development and cold flow testing program	1980
19800081758	Titan 3 transtage engine system Improved Transtage Injector Program (ITIP). ITIP update development program, transtage engine system analysis report, volume 1	1980
19800081759	Titan 3 transtage engine system. Improved Transtage Injector Program (ITIP). ITIP uprate development program, transtage engine system analysis report, Volume 2	1980
19800081760	Full scale trapped ball Nozzle/TVC system evaluation. Volume 1: Nozzle design and analysis	1980
19800081761	Full scale trapped ball Nozzle/TVC system evaluation. Volume 2: Material characterization, book 1	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081762	Full scale trapped ball nozzle/TVC system evaluation. Volume 2: Material characterization. Book 2: Raw data	1980
19800081763	Full scale trapped ball Nozzle/TVC system evaluation. Volume 3: Nozzle/TVC system fabrication and static test	1980
19800081764	Demonstration of a low-cost liquid propulsion system for missile applications	1980
19800081766	Fundamentals of the theory of space electrojet engine installations	1980
19800081767	Bolt Extrusion Thrust Termination System (BETTS) demonstration	1980
19800081768	Development testing of the extendible exit cone (Hercules) on a minuteman LGM-30G stage 3 rocket motor	1980
19800081769	Small impulse bit ACS engine for PBPS application. Phase 4. Six engine cluster program	1980
19800081771	Interrelationship between strength of fiber/matrix interface and tensile strength of composite aluminum boron material	1980
19800081773	Investigation of fracture in hybrid composites using a laser Moire technique	1980
19800081777	Carbon-based structural materials	1980
19800081778	Densification processing of four pitch fiber carbon-carbon preforms	1980
19800081779	Densification processing variations for pitch fiber preforms	1980
19800081781	The stress corrosion cracking resistance of 7010 aluminum alloy plates	1980
19800081782	The application of Double Cantilever Beam (DCB) testing to stress corrosion cracking of aluminum alloys	1980
19800081783	Field test and evaluation results for aluminum alloy D-27/ALE-29A dispenser blocks	1980
19800081784	Properties of thick-section Ti-6Al-2Cb-1 Ta-0.8Mo(t-i-100) castings	1980
19800081788	The influence of deformation divisibility in the treatment of heat-resistant alloys	1980
19800081799	Reflectivity measurements of operational aircraft coatings: Ten paint samples, volume 1	1980
19800081800	High strength glass-fiber-reinforced plastics	1980
19800081804	Curing and characterization of siloxanecarbonate polymers	1980
19800081806	The heat resistance of epoxy casting resins	1980
19800081807	Thermodynamic and heat transfer	1980
19800081812	Brittle tensile failure characterisation of propellants derived from flexural tests	1980
19800081815	OV-10A/JP-8 fuel conversion tests	1980
19800081816	H-70 hydrazine-water monofuel field quality control test: Development and evaluation	1980
19800081818	Propulsion review. Solid propellant motor and gun propulsion research and development programs sponsored by the Naval Sea Systems Command	1980
19800081819	Microwave measurement of solid propellant pressure-coupled response function	1980
19800081821	Effect of reheating base on structure and properties of ferrite films during plasma spraying	1980
19800081823	Support for radar cross-section measurements for USAF	1980
19800081825	Tracking moving targets	1980
19800081826	Radar frequency radiation reduction	1980
19800081828	Airborne relay adaptive antenna model	1980
19800081829	Seasonal variability of long-range acoustic propagation through the subarctic front in the eastern North Pacific	1980
19800081831	Solid state UHF receiver study	1980
19800081832	Selection of recommended electromagnetic interference/radio frequency interference shielding effectiveness test procedures for military tactical shelters	1980
19800081833	An evaluation of millimeter waves for military satellite communications	1980
19800081835	A feasibility study of RCS matrix signatures for target classification	1980
19800081837	Use of the Kalman filter error covariance matrix as an indicator of estimate quality in target tracking	1980
19800081838	Mid-Conus north-looking OTH radar study	1980
19800081839	Technical support for the conus OTH-B experimental radar system	1980
19800081842	Technical support for the CONUS OTH-B experimental radar system	1980
19800081844	Test of the advanced radar augmentation system (formerly HAST Avionics)	1980
19800081845	Numerical simulation of plasma effects near the surface of an irradiated conductor	1980
19800081848	Multistatic/bistatic imaging study	1980
19800081849	Radio echo sounding of layered covers of the Earth	1980
19800081851	Adaptive HF/VHF communications study	1980
19800081852	Ultra long life dispenser cathode study	1980
19800081856	Manufacturing Methods and Technology (MM and T) measure for fabrication of Low Noise Figure ion barrier microchannel plates LNF/MCPs	1980
19800081857	Kv-Band integrated solid state power amplifier	1980
19800081860	Regulation of the passband of selective amplifiers	1980
19800081861	High-voltage generators	1980
19800081864	Advanced electron device technology	1980
19800081865	Digital gallium arsenide circuit development	1980
19800081866	E-beam technology for K-band gallium arsenide field effect transistors	1980
19800081867	Manufacturing methods and technology program for GaAs FETs	1980
19800081868	Cathode driven high gain crossed-field amplifiers	1980
19800081869	On a 40 watt TWT development program	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800081871	The establishment of electrical and mechanical tolerances for TWT cost reduction by experimental beam analysis in a PRM focusing system	1980
19800081873	Automated design procedures for VLSI	1980
19800081874	Millimeter wave integrated circuits	1980
19800081875	F-band transistor and transistor amplifier development	1980
19800081882	Slender cone boundary layer trip investigations at Mach number 10	1980
19800081883	TsAGI scientific notes	1980
19800081887	Optical effects of near-field turbulence about a small scale turret model	1980
19800081888	Design of a prototype rapid scan ultraviolet spectrometer measurement system	1980
19800081894	Automation of the process of dynamic balancing by the rotating beam of a laser	1980
19800081897	Copperhead seekers performance in the HWIL simulation	1980
19800081898	Laser beam control concepts and analysis	1980
19800081902	Investigation of high energy laser optical cavities and mode control technologies	1980
19800081903	Advanced visible laser investigations using vibrational-to-electronic energy transfer	1980
19800081908	BMD laser technology applications	1980
19800081910	Evaluation of the International Laser Systems, Incorporated I-Lid portable laser eye-safety monitor	1980
19800081911	Collection of lecture notes for eletro-optics/laser 1980.	1980
19800081912	Research on UV-initiated discharge XEF excimer lasers	1980
19800081919	Development of improved marine gas turbine airfoils using directional solidification	1980
19800081922	Manufacturing methods and technology for the establishment of production techniques for a split-cycle stirling cryogenic cooler	1980
19800081926	A summary of equations of thin shell theory	1980
19800081927	A structural optimisation program based on an optimality criterion method	1980
19800081928	High strength steel weldment subcritical cracking program	1980
19800081934	Optical-mechanical scanners for observation of the Earth	1980
19800081942	The Sun: Hope for tomorrow	1980
19800081945	Viper missile thermal battery test	1980
19800081949	Preliminary analysis of Computer-aided Environmental Baseline Information System (CEBIS). Phase 1. System requirements	1980
19800081957	Automated processing of hydrometeorological information	1980
19800081960	Human factors test and evaluation of F-16 FSD operations	1980
19800081961	Osmotic pumped heat pipe	1980
19800081962	Development test and evaluation (DT&E) advanced fire retardant flight coveralls (AO-321)	1980
19800081968	Microprocessors in instruments for radiation measurements	1980
19800081970	Flight software integrated test plan. Volume 2: Flight software development test specifications and test procedures. Book 4: Guidance, navigation and control, release 17	1980
19800081971	Computers and fundamentals of programming	1980
19800081972	Algorithms for numerically solving differential equations on a desktop computer	1980
19800081973	Mathematical modeling using adaptive Kalman filtering techniques	1980
19800081977	A missile impact location system employing splash activated deep ocean transponders description and technical analysis	1980
19800081978	Atomic energy (selected articles)	1980
19800081981	Infrared Search and Track(IRST) capability flight test	1980
19800081982	Thermoplastic spatial light modulator	1980
19800081983	Basic principles of optical storage mediums (selected articles)	1980
19800081984	The prospects of integrated optics	1980
19800081988	The glass telegraph	1980
19800081989	Automatic image recognition system	1980
19800081992	Electrical properties of solid dielectrics	1980
19800081996	CDTE substrate development	1980
19800082000	Computer processing of economic information (selected chapters)	1980
19800082004	The winged breed	1980
19800082007	Maintenance Engineering Inspection (MEI) procedures study	1980
19800082009	AV-8B reliability and maintainability status report	1980
19800082010	Reliability, availability, maintainability, and durability test. production validation test - government of the UH60A helicopter (black hawk)	1980
19800082013	Wind tunnel test of a 0.20 scale model of the Brunswick low altitude dispenser	1980
19800082014	Aerodynamic characteristics of a 1/9-scale F-16A with an enlarged horizontal tail at Mach nos. 1.6, 1.8 and 2.0	1980
19800082015	Aerodynamic characteristics and store-ejector rack loads of a 1/20-scale F-16 aircraft model configured with several Multiple Store Ejector Rack (MSER) store loadings	1980
19800082017	Examination of the functioning and performance of DFVLR air-borne parachute system for the 1980's	1980
19800082018	Wind tunnel test of an 0.05 scale SD air launched miniature vehicle in the F-15 aircraft flowfield at Mach from 0.6 to 1.6	1980
19800082020	AV-8B systems safety program plan, revision A	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082021	Transonic wind tunnel tests of an advanced ejection seat with crewman protective concepts	1980
19800082025	F-14A ring laser gyro inertial measurement unit flight test evaluation	1980
19800082028	The future of cruise missiles	1980
19800082031	Stores Management System (SMS) ground and flight tests	1980
19800082032	Integrated flight/fire control system (FIREFLY II/A-10)	1980
19800082033	AMaRV-1 post flight report, appendix	1980
19800082036	Separation characteristics and effects of carriage on F-14 aircraft aerodynamic loads	1980
19800082037	Composite wing/fuselage program	1980
19800082038	New materials and helicopter certification impacts of modern materials on the development of rotary wing aircrafts	1980
19800082043	CH-46 fatigue monitoring feasibility/viability	1980
19800082044	Operational evaluation of the high speed processor for the E-2C update	1980
19800082046	Ignition hazard study of advanced composite fuel tank	1980
19800082047	Integral molding production verification for C-141 composite leading edge	1980
19800082049	C-141B follow-on operational test and evaluation	1980
19800082050	Medium Lift Helicopter (MLH) Cost and Operational Effectiveness Analysis (COEA) update	1980
19800082051	Prototype qualification test-government of the UH-60A blackout kit	1980
19800082052	Application of integral theory of improving transparency resistance to ballistic fragment threats	1980
19800082053	Production Validation Test-Government (PVTG) (desert environment) of UH-60 Helicopter Black Hawk	1980
19800082059	Qualification OT and E of A-10 electroluminescent cockpit panels	1980
19800082061	Progressive methods of the machining of parts of aircraft and engines (selected articles)	1980
19800082062	Conceptual design study of advanced technology-cruise missile propulsion systems. Recuperator design and analysis	1980
19800082063	Cruise missile engine program, contract data requirements list sequence no. 95, qualification test report. Volume 20: Component - starter cartridge (CJU-2/B, Ci no 1036405)	1980
19800082064	Single crystal superalloy turbine airfoils for marine gas turbine engines	1980
19800082065	Analysis and modeling of the flow within a turbomachine combustor	1980
19800082069	Cruise missile engine program. Contract data requirements list, sequence number 95. Qualification test report, Volume 10: Electric initiator subassembly starter cartridge P/N 36405	1980
19800082070	Fluidic fuel control for a ramjet engine. Part 1: Design and evaluation	1980
19800082071	AV-8A/F402 engine fuel control modifications	1980
19800082073	Altitude evaluation of modified (block 76/77) TF41-A-1 turbofan engine S/N142118/4 and 15	1980
19800082074	Turbine engine performance correlation between three ground test facilities	1980
19800082075	The status of the turbine engine development process	1980
19800082080	Operational test and evaluation of the modified A-10 beta dot stability augmentation system	1980
19800082082	Test loading decentralized automatic service support system (DAS-3) van on C-141 aircraft	1980
19800082083	Space materials technology (selected articles)	1980
19800082087	From Earth to space to Earth	1980
19800082088	Evaluation of a 1.5-inch-diameter partial admission radial outflow turbine	1980
19800082089	Surface-to-air missile model-mice 2. Volume 1: Analyst manual	1980
19800082090	Hawk transfer function experiments: Project HAVE NAME	1980
19800082092	Static and dynamic pressure measurements on the boeing 0.20 scale MSP missile at Mach numbers from 0.6 to 1.3	1980
19800082094	ACOSS one (Active Control of Space Structures), phase 1	1980
19800082095	Design of spacecraft manual control systems (introduction, chapters 1, 2, 3 and 7 and bibliography)	1980
19800082096	Advanced development program for long-life monopropellant hydrazine engines	1980
19800082097	Static-stability test on the miniature system program missile to determine exhaust plume effects at Mach nos. 1.5 to 3.5, addendum	1980
19800082098	Surveillance of LR58-RM-4 liquid bullpup engine in support of lance guided missile program	1980
19800082099	Composite nozzle structural performance program, volume 1	1980
19800082100	Jato rocket motor mark 6 Mod 1 surveillance evaluation	1980
19800082101	Propulsion energy management simulation program (PEMSIM). Volume 3: User's manual	1980
19800082102	Low cost axial engine for PBPS application. Phase 3: High performance space engine for satellite applications	1980
19800082103	Long life electrothermal thruster development	1980
19800082104	Performance of the Thiokol Corporation TE-M-236C solid propellant motor at simulated altitude	1980
19800082105	Simulated altitude performance of the Thiokol Corporation Titan 2 Retro and Vernier solid propellant rocket motors having ages of 132 to 204 months	1980
19800082106	Ambient pressure effects on single-impact erosion characteristics of two reentry nosetip materials	1980
19800082109	Effects of Multiple dust particle impacts on several advanced erosion-resistant composite materials	1980
19800082111	A survey of the problems associated with the ultrasonic inspection of graphite/ aluminum composites	1980
19800082114	High char yielding matrix resins for carbon-carbon composites	1980
19800082120	Metallic coating development and evaluation program	1980
19800082121	Evaluation of nonchromated ETCH for aluminum alloys (P2-ETCH)	1980
19800082123	Metallurgy and technology of welding titanium and its alloys	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082124	Low (1300-F) and high (1650-F) temperature burner rig test of the directionally solidified alloys IN-792, IN-939 and X-40, and the ceramics silicon nitride and silicon carbide	1980
19800082125	Titanium tubing and high pressure hoses for Lightweight Hydraulic System (LHS) 8000 PSI	1980
19800082133	Low outgassing conductive adhesives, part 2.	1980
19800082134	Improvement of the friction and wear behavior of plastic and elastomeric materials for friction bearings and sealing components by modification	1980
19800082135	Radiation modification of plastics: 4. Bulgarian ropoten and bullen types of polyethylene	1980
19800082136	Thermoradiation aging of epoxy silicones SK-13 resins	1980
19800082138	Physical chemical properties of complex aromatic-heterocyclic polymers, part 2	1980
19800082139	Effects of silane coupling agents on bonded joints of 4340 steel	1980
19800082140	Heat and light aging of polycarbonate films	1980
19800082143	Heat-resistance polymers	1980
19800082144	The thermal stability of modified polyethylene	1980
19800082145	Synthesis and investigation of epoxy polymers based on polycyclic bisphenols and their phenyl derivatives	1980
19800082146	The ageing and stabilization of heterochain polymers	1980
19800082148	PSP resin, a new thermosetting matrix for heat-and fire-resistant composites	1980
19800082151	H-70 leak detection, identification and location aids	1980
19800082152	Identifying fuels with visible and invisible markers. Evaluation of performance, stability, and cost of chemical additives	1980
19800082154	Estimation of normal densities of explosive compounds from emprical atomic volumes	1980
19800082155	Cryogenic system with liquid helium for on-board radiation detectors	1980
19800082158	Adaptive array techniques. Volume 2: Appendices	1980
19800082159	Multiplexer for orbit transmissions of newspaper page images and radio programs	1980
19800082160	Compact rhombic antenna	1980
19800082163	Wideband low profile UHF airborne communications antenna	1980
19800082165	Naval Surface Weapons Center millimeter wave data base	1980
19800082166	Terrestrial millimeter-wave communication systems for the Navy	1980
19800082167	Comparison of a 300 MHz and a 15 GHz data link system from a radio path performance standpoint	1980
19800082168	Joint System Acceptance Testing (JSAT) for Kwajalein Earth Terminal Complex (ETC)	1980
19800082171	Radar target 3D imaging with stepped-frequency waveforms and manopulse processing	1980
19800082172	Multifrequency radar sea clutter measurements	1980
19800082173	Maximin algorithms for adaptive array antennas	1980
19800082175	In-flight calibration of the MASR monopulse antenna	1980
19800082176	Welding of thin-section HY-130 alloy steel	1980
19800082181	Radiation-induced destruction of dielectrics during irradiation by a stream of electrons	1980
19800082182	Single-coaxial VKPA-type cables	1980
19800082183	Study of dynamic characteristics of tunnel-diode analog-digital signal-data converters of nanosecond range	1980
19800082184	The 18-26.5 (GHz) multistage, gallium arsenide FET amplifiers	1980
19800082185	Expendable Traveling-wave Tube (TWT) manufacturing technology program	1980
19800082186	Chemical processing and photolithography in the production of semiconductor devices and microcircuits	1980
19800082187	High voltage S-band power transistor	1980
19800082188	Sealed chip tape carrier for hybrid microcircuits	1980
19800082192	Automated design procedures for VLSI	1980
19800082202	Hydraulic resistance of a two-phase flow-gas-solid particles	1980
19800082205	Testing piezoelectric line transducers	1980
19800082206	An experimental probe-transducer device for making structureborne vibration measurements	1980
19800082208	Monolithic accelerometer	1980
19800082209	Evaluation of Westinghouse prototype clamp-on ultrasonic flowmeter	1980
19800082213	Active media for gas-dynamic lasers	1980
19800082214	A high-power 20-channel neodymium glass laser and combination laser/beam heating of the plasma	1980
19800082215	On the possibility of constructing a gamma laser with the use of VKR at nuclear transitions in gas	1980
19800082216	Laser safety aspects of optical fiber transmission systems for military applications	1980
19800082221	Ladar transmitter feasibility demonstration transfer chemical laser	1980
19800082236	Prospects for the use of gas-turbine engines in motor vehicles	1980
19800082238	Development of seals for nonflammable hydraulic fluids	1980
19800082244	USSR Report. Meteorology and Hydrology, no. 4, April 1980	1980
19800082245	vertical circulations in jet streams and frontogenesis	1980
19800082246	Seasonal temperature variations in the southern hemisphere atmosphere at altitudes 25-80 km	1980
19800082247	Some features of a tropical cyclone over the Arabian Sea in 1977	1980
19800082248	Influence of atmospheric condensation nuclei on the attenuation of solar and long-wave radiation	1980
19800082249	Improving estimates of atmospheric aerosol turbidity	1980
19800082250	Investigation of aerosol fallout during distant transport of contaminating substances	1980
19800082251	Statistical characteristics of the vertical structure of the liquid water content and temperature fields in cumulus clouds	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082252	Influence of absorbing properties of the surface on the diffusion of an impurity in the atmospheric boundary layer	1980
19800082253	Contamination of the atmospheric surface layer over the Atlantic Ocean by benz(a)pyrene	1980
19800082254	Computation of contamination of surface waters of some regions in the world ocean by the atmospheric fallout of strontium-90	1980
19800082255	Calculation of the propagation of an impurity in the northeastern Atlantic and in adjacent seas	1980
19800082256	Salt balance in the world ocean	1980
19800082257	Application of the coherence function in analyzing the turbulent structure of a river flow	1980
19800082258	Optimum calibration of remote instruments using the results of direct measurements in the ocean	1980
19800082259	Empirical orthogonal functions method and its application in meteorology	1980
19800082263	Contrast restoration of aerial imagery	1980
19800082265	Current status and prospects for low temperature solar energy	1980
19800082266	The behaviour of zinc electrode in primary and secondary batteries	1980
19800082268	Solar batteries and their potential applications in terrestrial conditions	1980
19800082269	Solar energy in space technology	1980
19800082270	Plasma replaces the turbine. The first MGD power unit under construction	1980
19800082271	Semi-industrial tests of a granular filter for capturing dust aerosols emitted from electric furnaces for carbide production	1980
19800082272	Spectral emission analysis of atmospheric dust	1980
19800082274	Determining the characteristics of the aerosol turbidity of the atmosphere using data obtained from actinometric observations with glass filters	1980
19800082277	Temperature and density measurements near a 1/4 scale model upper atmospheric probe at Mach Number 3.5	1980
19800082278	The structure of convective clouds and processes of precipitation from them during seeding using ice-forming aerosols	1980
19800082280	Seasonal cloud amount and cloud-free line of sight data for this oceanic area offshore southern California. Report no. 1 of the OCAMO project	1980
19800082283	A survey on ball lightning	1980
19800082284	USSR report. Life sciences: Biomedical and behavioral sciences	1980
19800082285	Pathogenesis of noise sickness	1980
19800082286	Protective effect of anticholinesterase agents on protein and RNA content of the supraoptic nucleus of the brain during deprivation of paradoxical stage of sleep	1980
19800082287	Simulation of the physiological effects of weightlessness. Soviet-American experiments	1980
19800082288	Psychological conditioning displayed by pilots critical flight situations	1980
19800082289	Optical studies of soviet cosmonauts (1961-1975)	1980
19800082295	Microprocessors, microprocess computers and microprocess computer systems: Digital input/output modules for microcomputers	1980
19800082301	Experiences with the RMCS mascot	1980
19800082317	Enigmas of the glass fibers	1980
19800082318	Investigation of some three-dimensional characteristics of polarizational deflector	1980
19800082319	Atmospheric optics (selected articles)	1980
19800082320	Space-time variability of the coefficient of light scattering at a 45 deg angle in the active layer of the Indian Ocean	1980
19800082323	E-beam technology for K-band gallium arsenide field effect transistors	1980
19800082326	Space policy in an arms control environment	1980
19800082334	Recommendations for enhancement of Aerodynamic Threat Analysis System ATAS. Appendix A: Geometry technology module	1980
19800082335	Recommendations for enhancement of Aerodynamic Threat Analysis System ATAS. Appendix B: Packaging analysis module	1980
19800082336	Recommendations for enhancement of Aerodynamic Threat Analysis System ATAS. Appendix C: Wind tunnel data analysis module	1980
19800082337	Recommendations for enhancement of Aerodynamic Threat Analysis System ATAS. Appendix D: Air-to-air missile envelope program	1980
19800082338	Recommendations for enhancement of Aerodynamic Threat Analysis System ATAS. Appendix E: Flight test module	1980
19800082339	Recommendations for enhancement of Aerodynamic Threat Analysis System ATAS. Appendix F: Interactive design executive	1980
19800082340	Recommendations for enhancement of Aerodynamic Threat Analysis System ats. Appendix G: Report of preliminary design program survey	1980
19800082341	Wind tunnel tests of a 1/15-scale CDAF model at mach numbers from 1.60 to 2.20	1980
19800082343	Antisymmetric wing, close to the edge, in supersonic flow	1980
19800082345	In the transonic range	1980
19800082348	A wind tunnel test to determine the separation characteristics of a modified SG-357 dispenser from the F-16 and F-111 aircraft	1980
19800082349	Ear terrain following analyses	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082352	Technical progress in aircraft construction	1980
19800082355	Gas turbines of engines of flight vehicles theory, construction and design	1980
19800082358	Static proof load test of the flight controls on the flight test aircraft for the Circulation Control Rotor (CCR), Revision A	1980
19800082359	Equipment of flight vehicles	1980
19800082361	Operations in orbit, space project, KOSMOLET	1980
19800082368	In orbit: An updated Soyuz	1980
19800082371	Application of finite rotation vector in onboard digital computers for determining the orientation of space vehicles	1980
19800082373	IPSM - Improved Performance Space Motor development program, volume 1	1980
19800082374	IPSM - Improved Performance Space Motor development program, volume 2	1980
19800082375	Plume visibility screening study: Beam multiple scattering code: Users manual	1980
19800082376	Plume visibility screening study: Technical analysis	1980
19800082381	Device for determining the coefficient of thermal conductivity of solid materials	1980
19800082382	Simplified theoretical model of the process of combustion in the combustion chamber of a pulse-jet engine	1980
19800082383	Separation of carbon, boron and nitrogen isotopes in a strong infrared laser field	1980
19800082386	Sulfolane extraction - a process of high flexibility	1980
19800082387	Physical-chemical basis for the process of manufacturing steel (selected articles)	1980
19800082388	Crystal structure and properties of metal alloys (selected articles)	1980
19800082389	Sintered composites based on iron containing dispersed potassium fluoride inclusions	1980
19800082390	Peculiarities of grain growth of tungsten during sintering of tungsten-nickel-iron alloy	1980
19800082391	Change of the structure and mechanical properties of heat-resistant molybdenum alloy VM-3P in the process of rotary forging and drawing of wire	1980
19800082392	Effect of structural state on mechanical properties of low-alloy molybdenum	1980
19800082393	Effect of high-pressure treatment on the structure and properties of the niobium-titanium alloy	1980
19800082396	Thin turning of sintered materials (selected pages)	1980
19800082398	Investigation of the process of pyrolysis of phenyl-formaldehyde polymers	1980
19800082401	Structural transformations during continuous heat treatment of polyacrylonitrile fiber	1980
19800082409	Dealing with the adhesion of rosin aerosol particles to a rigid surface	1980
19800082450	Operational test 3 of pulse form restorer, TD-982	1980
19800082451	Low cost packet radio design study	1980
19800082452	Unattended radar communications design, volume 2	1980
19800082457	Thermal electrical stations	1980
19800082461	Discrete matched filter	1980
19800082462	Equivalent circuits for the armature circuit of an impulse homopolar generate	1980
19800082463	Theory of avalanche ionization in solids under the influence of an electromagnetic field	1980
19800082465	Communications technology and electronics (selected articles)	1980
19800082466	The electrical properties of solid dielectrics	1980
19800082467	The microwave field effect transistor with metal grid on gallium arsenide, direct current and alternating current characteristics, small signals, analysis of background noise phenomena	1980
19800082468	Expendable Traveling-Wave Tube (TWT) manufacturing technology program	1980
19800082470	Unsteady interactions of shock waves	1980
19800082473	Precision phase phototachymeter	1980
19800082474	Comparative analysis of noise immunity of laser gyroscope supports	1980
19800082476	Transmission and data processing by holographic methods	1980
19800082479	Chemical laser advanced diffuser/Ejector (clade). Volume 3: High-aspect-ratio supersonic diffuser performance characteristics	1980
19800082480	Laser radiation coupling into painted targets with beam jitter	1980
19800082481	Controlled enhanced coupling of CW laser radiation into targets	1980
19800082482	Calculation of characteristics of a gas-dynamic laser on mixing	1980
19800082483	Information characteristics of an angular velocity laser meter	1980
19800082484	Experimental studies on intensity fluctuations of laser radiation during its propagation in artificial fogs	1980
19800082487	Experimental investigation of chemical processes in natural gas under the action of Ir-radiation of CO2-laser	1980
19800082488	Gamma-lasers: New ideas	1980
19800082489	Planetary drive gear of entry-driving machine	1980
19800082496	The stability of shells from reinforced materials	1980
19800082497	On designing a single-layer plastic cylindrical shell of the smallest volume	1980
19800082503	Photographed from Salyut-6	1980
19800082509	Stochastic structure of cloud and radiation fields	1980
19800082519	Initial production test of the Protective outfit. Toxicological, Microclimate Controlled (PATMC) for Explosive Ordnance Disposal (EOD) personnel	1980
19800082522	Virtual machine concepts and techniques: A primer	1980
19800082527	Two-channel analog-digital converter on Ural-10 modules	1980
19800082528	Image processing by computer	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082534	Calculation, comparison and optimization of magnetic systems of superconducting inductive energy accumulators with different geometric shapes	1980
19800082536	About the possibility of isotope separation either by the resonance photoionization of atoms or by the photodissociation of molecules by means of laser radiation	1980
19800082537	Powerful experimental electron beam on the order of 500 kv	1980
19800082542	Anvis image intensifier assembly ED program	1980
19800082546	Concerning the role played by defects in the switching of conductivity of the zinc-sulfide single crystals	1980
19800082547	Development program for the 200 ampere feasibility transcalent transistor	1980
19800082548	To help economic formation on the bases of control	1980
19800082569	Approach for landing instruments	1980
19800082578	Some experiences with numerical optimisation in aircraft specification and preliminary design studies	1980
19800082586	What wings are made of	1980
19800082587	Problems of dynamics and strength when designing supersonic passenger aircraft	1980
19800082588	The piloting of shipboard helicopters	1980
19800082614	Impact of technologies on potential V/STOL B aircraft (U)	1980
19800082629	Rotor blade dynamic response and ballistic damage survivability model. Appendixes A and B Test program (U)	1980
19800082633	Operational evaluation of the AV-8C aircraft, phase 1 (U)	1980
19800082634	U.S. Navy maritime patrol aircraft integrated radar/PDE/IFF study. Volume 2: Technical discussion (U)	1980
19800082640	QOT and E of the general electric 30mm gun pod. Appendix I, annex C. pass-by-pass printouts for accuracy and aimpoint analyses (U)	1980
19800082643	Alternate Remotely Piloted Vehicle (RPV) missions (U)	1980
19800082645	E-34 Airborne Warning and Control System (AWACS) follow-on operational test and evaluation fote, phase 2. Volume 1, annex A: Refine Mission Completion Success Propability MCSP. Computations of E-3A a mission essential subsystems using commands Minimum Equipment Subsystem List MESL	1980
19800082657	Altitude test facility for aircraft jet engines, description of the installation	1980
19800082658	Cruise missile engine program. Contract requirements list sequence no. 95. Qualification test report, volume 22: Component - oil fuel heat exchanger for the F107-WR-102 and F107-WR-400 cruise missile engines	1980
19800082674	Navy evaluation of NASA developed automatic Rudder Interconnect (ARI) for the F-14A airplane	1980
19800082676	Genesis of the project of European high Reynolds number transonic wind tunnel	1980
19800082677	In helmet and cuirass man comes face to face with space	1980
19800082715	Meet Soyuz T	1980
19800082717	Space greenhouse	1980
19800082719	New Information regarding the spaceship soyuz T	1980
19800082722	To meet the sky	1980
19800082724	Theory: Automotive control of rocket engines	1980
19800082732	A feasibility study for using the ballistic range concept to study contrails, volume 2 (U)	1980
19800082739	Radial burning pulse motor program (U)	1980
19800082742	Phoenix rocket motor Mark 47 MOD 0 and Mark 60 MOD 0 type-life program (U)	1980
19800082743	Bermite-produced sidewinder rocket motor Mark 36 Mod 5 type-life program (U)	1980
19800082745	Physics and chemistry of processing of materials (selected articles)	1980
19800082746	Residual strains and the effects of moisture in fibre reinforced laminates	1980
19800082748	Silicon carbide as an oxidation-resistant-refractory material. Resistance to oxidation and corrosion at high temperatures, 2	1980
19800082749	Thermogravimetric investigations of composite materials	1980
19800082750	Obtaining composite coating through chemical deposition	1980
19800082758	Investigation of solid-phase reaction in film structures molybdenum-silicon dioxide-silicon and molybdenum-silicon by the X-ray spectral method	1980
19800082759	Derivatives, of benzo (f) quinoline - new compounds which have stimulated emission	1980
19800082760	Thermal decomposition of ferrocenylmethyltrimethylammonium perchlorate and picrate	1980
19800082761	Calculation of the rate of burn-out of a particle of a binary alloy	1980
19800082763	An evaluation of corrosion inhibitors for aluminum alloys	1980
19800082764	Temperature conditions and kinetics of refining on burden billet during electron-beam melting of molybdenum and its alloys	1980
19800082766	Creep in low-torque torsions	1980
19800082767	Effect of carbon on creep and stress-rupture strength of niobium alloy	1980
19800082768	Advance to corrosion	1980
19800082769	Possibility of raising the stability of properties of tungsten-molybdenum high-speed steels by raising the carbon content	1980
19800082770	Investigation of the closeness of connections between characteristics of the quality of the surface layer and the corrosion resistance of parts after their machining	1980
19800082771	Effect of preliminary heat treatment on the quality of chromium coatings on niobium	1980
19800082772	Physics and chemistry of processing of materials (selected articles)	1980
19800082775	Technological nondestructive control of plastics	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800082777	Manufacturing methods and technology program to develop advanced methods for fabricating germanium arsenic selenium glass	1980
19800082781	Effectiveness of the replacement of metal products by polymer ones	1980
19800082787	Octogen - thermoresistant explosive	1980
19800082788	New materials in solid propellant propulsion	1980
19800082792	High performance options (U)	1980
19800082793	Air Force technical objective Document (U)	1980
19800082800	The analysis and evaluation of time difference of arrival estimation by correlation processors	1980
19800082802	Satellite communication in a tenth five-year plan	1980
19800082803	Coherent optical processing of radio signals	1980
19800082805	Space diversity reception of elliptically polarized signals	1980
19800082806	Instruction on surveying and composition of the plans of underground communications	1980
19800082807	Comprehensive development of the branch communication system	1980
19800082808	Device for the coherent accumulation of a packet of radio pulses with different Doppler frequency shift	1980
19800082811	Radio equipment of aircraft	1980
19800082812	Propagation of the ionizing radiations in an air	1980
19800082813	Rasterless television displays	1980
19800082827	Development test 2 (follow-on) of radar illumination detector, AN/PSS-10 (U)	1980
19800082840	Electromagnetic Performance of Aircraft and Ship systems EMPAS evaluation of sixth fleet HF and COMNAVSAT communications (U)	1980
19800082848	Solid-State aperture implementation study (U)	1980
19800082849	Integrated radar/passive detection element/identification friend or foe subsystem for long range airborne ASW system, (LORAAS) (Maritime Patrol Aircraft-MPA), volume 2 (U)	1980
19800082850	Integrated radar/passive detection element/identification friend or foe subsystem for long range airborne ASW system, (LORAAS) (Maritime Patrol Aircraft-MPA), volume 1 (U)	1980
19800082872	Direct-current machine with a massive armature	1980
19800082873	Electrophysical equipment (selected articles)	1980
19800082874	Equivalent circuit for the massive current-carrying rotor of a cylindrical unipolar shock generator	1980
19800082877	Electrical losses and resistance of hollow cylindrical armatures of unipolar machines	1980
19800082882	Charge coupled devices	1980
19800082883	Device for power supply of synchrotron	1980
19800082884	The production and use of powerful nanosecond pulses	1980
19800082885	Polyphase multivibrator with pulse bridge delay units	1980
19800082886	Single cycle line of pulse delay	1980
19800082901	High band millimeter-wave TWT (U)	1980
19800082910	Gas ejector	1980
19800082912	Determination of the coefficient of the thermal conductivity of partially transparent materials at high temperatures	1980
19800082918	Journal of scientific and applied photography and cinematography	1980
19800082921	Inertial component evaluation summary test report for Electrically Suspended Gyro Navigator (ESGEN) AN/WSN-3 XN-1 V1 (U)	1980
19800082928	Illumination device with a laser as a light source	1980
19800082929	Stepped external system for stabilizing the perimeter of a laser angular velocity meter	1980
19800082930	Some peculiarities of waveguide mode of gas laser	1980
19800082939	The fourth all-union symposium on the propagation of lasers radiation in the atmosphere	1980
19800082940	Power stabilization of CO2 lasers	1980
19800082941	Outline of presentations, electro-optics/lasers, 1980, seminar 8	1980
19800082942	Electro-optics/laser international Japan, 1980 Conference proceedings, seminar 2 (selected articles)	1980
19800082959	Tactical Analysis For Systems, Weapons, And Training (TAFSWAT) pave spike/laser-guided bomb (U)	1980
19800082961	Preliminary HELLFIRE laser seeker model validation (U)	1980
19800082965	Modular Army demonstration system program, task 4 report (U)	1980
19800082978	Nondestructive quality control of carbon materials	1980
19800082979	Gravity induced wrinkle lines in vertical membranes	1980
19800082980	Random fluctuations of elastic systems	1980
19800082983	Vibrations in technology, vibrations of linear systems	1980
19800082985	Studies in theory of plants and shells (selected articles)	1980
19800082989	Pulsed power supplies with combined energy storage devices	1980
19800082990	A device for shaping the flat portion of the top of an excitation-current pulse primarily for a synchrotron electromagnet	1980
19800082997	Distribution of conductivity in channel of heavy-current discharge in atmosphere	1980
19800082998	Radiophysical investigations of the atmosphere (selected articles)	1980
19800083002	Climatological processing of meteorological data	1980
19800083003	The dispersal of supercooled stratiform clouds and fog	1980
19800083004	Satellite makes a prognosis	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083005	Some comparisons between probabilities of cloud-free lines-of-sight estimated from aircraft and from sky cover observations (U)	1980
19800083013	Eliminating the oversight	1980
19800083016	Assessment of excessive after-flaming of Nomex filament warp knit fabric	1980
19800083020	Ten-Liter bubble chamber with a 70 KOE pulsed magnetic field	1980
19800083021	Fundamental sets of electronic computers and computing systems	1980
19800083024	Moscow anniversary exhibition of RYAD computers (10th)	1980
19800083027	Electronic digital computers (selected chapters)	1980
19800083030	Defining the main parameters of photodetector matrices for optoelectronic memories	1980
19800083031	Second All-Union School on Optical data processing	1980
19800083037	Physical mechanics (selected articles)	1980
19800083040	Equipment for monitoring and self-correction of the synchronization of supply systems of the fast magnetic input-output devices of the proton synchrotron booster of the Institute of High-Energy Physics	1980
19800083041	Accelerating-accumulating system project	1980
19800083046	A beam in glass fibers	1980
19800083049	Wave-guide transmission lines chapter 7	1980
19800083050	Development of optical quantum electronics, nonlinear optics and holography at the Institute of Physics of the Academy of Sciences of the Ukrainian SSR	1980
19800083055	Hardened focal plane development (U)	1980
19800083057	Advanced infrared imaging seeker development program (U)	1980
19800083058	Selective emitter III (U)	1980
19800083070	Advanced infrared imaging seeker development (U)	1980
19800083071	Mid-infrared surface emission and reflection characteristics of an inflight F-102 aircraft (U)	1980
19800083084	An important tool in information retrieval	1980
19800083085	System-structure simulation and automation of the design of technological processes	1980
19800083093	Quarterly compilation of abstracts on completed test. Experimental, and development TED projects (U)	1980
19800083105	World war 1 aviation: A prologue for fighters	1980
19800083106	Scientific Notes of TsAGI, volume 10, no. 2, 1979	1980
19800083107	Integral properties of flow equation and boundary conditions in subsonic and transonic flows	1980
19800083108	Self-similar axisymmetric flows of gas with shock waves, converging to the axis of symmetry	1980
19800083109	Numerical simulation of supersonic course about the thin delta wing with the fracture of edge	1980
19800083110	Numerical method of calculating streamlining of a flat air inlet by a supersonic flow under conditions with a knocked-out shock wave	1980
19800083111	Diffraction of a strong shock wave on a plate moving at a hypersonic speed	1980
19800083112	Sound propagation in channels with impedance walls in the presence of air flow	1980
19800083113	Flow-field analysis of plate by low-density flow taking into account the rotational degrees of freedom of molecules	1980
19800083114	Use of spectral summation of fatigue failures in the multistressed state of structures	1980
19800083115	Plastic deformations of reinforced panels during unsteady heating	1980
19800083116	Method of the simultaneous determination of coordinates and quality of the sealing of thermocouples in a sample/specimen of material	1980
19800083117	Simulation of flight vehicle by thin flat/plane surface, which has the form of its projection in the plan/layout	1980
19800083118	Bodies of revolution with the minimum wave drag at transonic speeds of the course of gas	1980
19800083119	Distribution of pressure in cross sections of the rectangular wing (blade/vane) with the curvilinear action in the incompressible medium	1980
19800083120	Calculation of the course of perfect gas in nozzles with the inner body	1980
19800083121	Periodic structure of course and heat transfer in a region of the connection of the supersonic flows	1980
19800083122	Field of flow behind the unsteady shock wave, which is formed during the explosion of spherical charge	1980
19800083123	Flow around the furrows of the flow of viscous gas	1980
19800083124	Parameters of similarity of the form of the underexpanded jet at the outflow into the flooded space	1980
19800083125	Experimental investigation of the concentration of particles of the natural origin in subsonic wind tunnels	1980
19800083126	Design of the constructions of the minimum volume of material during the limitations to the generalized rigidity and the minimum thickness	1980
19800083127	Calculation of the load-carrying structures of minimum weight and maximum rigidity in the presence of structural limitations	1980
19800083129	Spin-tunnel investigation of a 1130-scale model of the McDonnell Douglas F/A-18 airplane. Coord no. N-AM-212	1980
19800083134	A wind tunnel test to support store compatibility certification on the McDonnell-Douglas AV-8 and YAV-8 aircraft	1980
19800083135	Wind tunnel tests of a 1/15-scale transonic configuration fighter at Mach numbers from 0.60 to 1.20	1980
19800083136	Computer methods and programs, selected articles	1980
19800083139	Comparative trials of the Doppler Microwave Landing System and the Time Referenced Scanning Beam Microwave Landing System at John F. Kennedy International Airport, New York	1980
19800083142	Flight tests of the correlation of radar altimetry for navigation coran	1980
19800083144	Automatic Carrier Landing System (ACLS) test procedures. Category 1 and 2A, change 1	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083161	Life and design considerations of helicopter transmission components after loss of lubricant	1980
19800083163	Aircraft/store interface data user's study	1980
19800083164	F5A/B nestable fuel tank assembly, jettison, and system test program	1980
19800083165	Get acquainted with the IL-86	1980
19800083166	A-7 fuel-saving technology applications study	1980
19800083167	AV-8C structural description report, revision A	1980
19800083168	Design of a sled test program for aircraft blast interaction employing a cruise missile	1980
19800083169	Night/adverse weather A-10 limited performance and flying qualities evaluation	1980
19800083172	Initial operational evaluation of the F-14A/TARPS (U)	1980
19800083175	Ballistic testing of advanced fire suppression systems designed to project helicopter fuel tanks from 23mm High Explosive Incendary Tracers (HEI-T) (U)	1980
19800083177	QOT and E of the general electric 30mm gun pod (U)	1980
19800083180	Improved MA-1/ASQ-25 circuitry to aid target acquisition (U)	1980
19800083195	FRS composites for advanced gas turbine engine components	1980
19800083196	Microturbo TRI 60-2 turbojet engine performance and endurance testing	1980
19800083197	Cruise missile engine program, contract data requirements list sequence no. 95. Qualification test report, volume 30: ENgine disk burst tests	1980
19800083198	Cruise missiles engine program. Contract data requirement list sequence number 95. Qualification test report. Volume 11: Component-oil fuel heat exchanger for the F107-WR-101 cruise missile engines	1980
19800083199	Cruise missile engine program. Contract data requirements list sequence no. 95. Qualification test report, volume 34: Vibration and mission simulation testing on engine 201. XF107-WR-102 cruise missile engine, phase 2	1980
19800083204	Reduced cost turbine engine concepts program, phase 2 (U)	1980
19800083206	Gas turbine thermal suppression concepts, volume 3 (U)	1980
19800083211	Engine combustor vulnerability (U)	1980
19800083214	Automatic control systems of flight vehicles	1980
19800083216	Static and dynamic stability characteristics of a 1/6-scale model of the BQM-34 target drone at high negative angles of attack	1980
19800083219	Amplifier-transmitter AM-6988/A simulation test results at transonic velocities. Volume 2: Appendices	1980
19800083220	Development test I, advanced developed Verification Test-Government (ADVT-G) of Small Portable Analyzer Diagnostic Equipment (SPADE)	1980
19800083224	Space technology: Where do we go from here	1980
19800083225	Mechanics of space flight, problems of optimization	1980
19800083226	A new complex in orbit	1980
19800083227	A study of alternate propulsion systems for the AQM-37A missile target	1980
19800083249	Titan 2 reliability and Aging Surveillance Program (RASP)	1980
19800083252	Surface-to-air missile model - mice 2. Volume 2: User manual	1980
19800083253	Survey of Sam models	1980
19800083254	Charging control satellite materials, part	1980
19800083255	Advanced onboard signal processor (AOSP). Volume 2	1980
19800083256	Star Town Observes 20th anniversary	1980
19800083267	HAWK shelf life test program, sixth year M-100 safety and arming device test report (U)	1980
19800083269	Improved Hawk system, functional description and effectiveness report. Volume 1: Function description (U)	1980
19800083276	Development of hypersonic flight test experiments	1980
19800083280	Advanced composites design data for spacecraft structural applications	1980
19800083282	1980 JANNAF Propulsion Systems Hazards Specialist Session	1980
19800083283	JANNAF propulsion systems hazards subcommittee	1980
19800083284	Strategic motor detonation technologies	1980
19800083285	Thermal hazards of turbine exhaust impinging on a solid rocket motor	1980
19800083286	Dynamics of rocket motor systems	1980
19800083287	Characterization of nozzle materials for carbon nozzles opportunities (CNO) program. Volume 2: Nozzles SN 7008 and SN 7009	1980
19800083288	Application of carbon-carbon composites to rocket nozzles acorn	1980
19800083289	Determination of the TNT equivalency of a typical class 1.1 solid rocket propellant (blast hazards)	1980
19800083290	Composite nozzle structural performance program, volume 2	1980
19800083291	Rocket motor mark 56 subscale test motor	1980
19800083292	Composite nozzle structural performance program, volume 3	1980
19800083294	Advanced space motor demonstration firing	1980
19800083295	The evaluation of selected MX post test nozzle materials	1980
19800083296	Vibration testing of the Inertial Upper Stage (IUS) small rocket motor SRM-2. Phase 1: Development serial no. DS-5	1980
19800083297	Long life electrothermal thruster development: Hardware design volume	1980
19800083298	Rockets of repeated use	1980
19800083302	Advanced booster control study (U)	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083306	Deformation structure and properties of some composites during heating	1980
19800083307	The rate of physicochemical transformation in an ablating layer	1980
19800083310	Contingency planning aids for calculation of the area exposed to carbon fibers from composite aircraft accidents	1980
19800083311	Developing methods to reduce scatter of the strength properties of advanced composite materials	1980
19800083312	A manual for calculation of the area exposed to carbon fibers from composite aircraft accidents	1980
19800083313	Abalative plastic radome materials rain erosion behavior at 1300 m/s	1980
19800083314	Burn/blast testing of Thornel 300 composites	1980
19800083316	Comparisons of Ramjet Combustor Test Performance Calculations	1980
19800083318	Improved automatic laboratory installation for studying the kinetics of heterogeneous physicochemical processes at high temperatures	1980
19800083321	Literature review on titanium combustion and extinction	1980
19800083322	Derivation of the condition for ignition of a drop of liquid fuel	1980
19800083328	Siliconizing niobium-molybdenum alloys	1980
19800083329	The heat resistance of certain alloys of the system Nb-V-Cr	1980
19800083330	Effect of aging time on high-temperature strength of alloy Nb-Zr-C	1980
19800083331	Development and study of production modes of tubular molybdenum billets	1980
19800083332	Study of fatigue strength of metal sleeves	1980
19800083335	Investigation of low-cycle thermal-mechanical fatigue behavior of high temperature superalloys	1980
19800083338	Room temperature creep of Ti-6Al-2Cb-1Ta-0.8Mo under variable compressive stresses	1980
19800083339	Investigation of creep fatigue of titanium alloy Ti-6Al-2Cb-1Ta-0.8Mo	1980
19800083340	Subcritical cracking behavior of Ti-6Al-2Cb-1Ta-0.8Mo plate as related to hydrogen content and test temperature	1980
19800083341	Peculiarities of and the mechanism of corrosion of steels under conditions of boiling and condensation of N ₂ O ₄	1980
19800083342	Influence of lengthy keeping in a N ₂ O ₄ medium on the mechanical properties of chrome and chrome-nickel steels and alloys	1980
19800083343	Titanium in new technology	1980
19800083364	Production of heat-resistant polyheteroarylenes	1980
19800083366	Modification of the surface of a polycarbonate film in order to create glass fiber reinforced plastics with a sealing layer	1980
19800083368	Friction and wear of polymer-based materials	1980
19800083370	An examination of 828 type epoxy resins using gel phase and high performance liquid chromatography	1980
19800083371	Fiscal 1980 contracts and projects on combustion	1980
19800083372	JANNAF Structures and Mechanical Behavior Subcommittee 16th Meeting	1980
19800083373	Fracture analysis of blow-out specimens subjected to high rate pressurization	1980
19800083374	Application of service life prediction and cost effectiveness analysis in materials selection	1980
19800083375	Constitutive Equations of Aging Materials	1980
19800083376	Service life of aging, viscoelastic, thermally stressed solid rockets	1980
19800083377	The prototype age life program: A review at midpoint	1980
19800083378	Thermal stresses in motors induced by solar radiation	1980
19800083379	Probabilistic service life prediction of Navy tactical solid rocket motor	1980
19800083380	Device for bulk modulus measurement of isotropic materials and damage effect on propellant compressibility	1980
19800083381	Extrusion properties of HTPB propellants	1980
19800083382	Microscopical analysis of ammonium perchlorate morphology in extruded HTPB composite propellant	1980
19800083383	Crack propagation in an HTPB solid propellant	1980
19800083384	Near bondline propellant characterization using penetrometer data	1980
19800083385	Evaluation of current research in fracture and failure behavior of solid propellant	1980
19800083386	Mixed mode crack propagation in composite propellants	1980
19800083387	Fracture analysis of rocket motors containing bore cracks subjected to equilibrium cooldown	1980
19800083388	Grain structural analyses including flight body bending and dynamic loads	1980
19800083389	Dynamic analysis of carbon/carbon involute exit cones	1980
19800083390	Analog testing to characterize propellant modulus	1980
19800083391	Acoustic imaging applied to crack propagation studies	1980
19800083392	Measurement of cracktip strainfields by moire techniques	1980
19800083393	The design and analysis of end pressurized cylinders for simulating critical bond terminations in third stage Minuteman motors	1980
19800083394	Fracture mechanics analysis of inhibitor bonding	1980
19800083396	C-5A JP-8 fuel limited flight tests	1980
19800083397	Low cost hybrid	1980
19800083398	Process development for continuous production of castable. Plastic bonded explosives, part 1: Preliminary information	1980
19800083399	Static firing test and post-test analysis of high-energy propellant nozzle no. 1	1980
19800083401	Electrical explosion of cylindrical foils in air. High current diverging discharge	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083402	Some observations on the effect of viscosity during casting on the burning uniformity in the web of the cast composite propellant charge	1980
19800083404	A comparison of phosphoric acid anodise bonding pretreatment for aluminum with chromic-sulphuric acid pickle and chromic acid anodise	1980
19800083415	USSR Report: Electronics and electrical engineering	1980
19800083416	Formation of linear frequency modulated signals and processing of them in an acoustic surface wave filter	1980
19800083417	Approximate calculation of parameters of band filters utilizing acoustic surface waves	1980
19800083418	Experimental investigation of narrowband matched filters for acoustic surface waves	1980
19800083419	Algorithm for calculation of shielded band lines	1980
19800083420	Scattering of modes of the whispering gallery type by ionospheric inhomogeneities along a geomagnetic field	1980
19800083421	USSR Report: Electronics and electrical engineering	1980
19800083422	Investigation of the focusing properties of certain second-order surfaces with the incidence of plane wave at an angle to the focal axis	1980
19800083423	Spectrum analysis of ultrashort wave signal level in long-range tropospheric propagation over and ocean route	1980
19800083424	Depolarization of radio waves in scattering on vegetative soil	1980
19800083425	Approximate determination of statistical distributions of intensity of rainfall	1980
19800083426	Microwave attenuation in a line of metal-dielectric-semiconductor-metal composition	1980
19800083427	Consideration of design and technological features in the realization of an electronically tuned matched filter for the selection of a complex signal	1980
19800083428	Oscillation sources based on surface acoustic waves	1980
19800083429	Some aspects of the design of close-range noise radar sets with integrated coverage	1980
19800083430	Some features of the depolarizing properties of radar targets	1980
19800083431	Doppler filtration in HF direction-finding in combination with a method of analytic beam separation	1980
19800083432	Distortions of the radar characteristics of complex objects when exposed to a spherical wave	1980
19800083433	Synthesis of a single-pulse discriminator for a located target	1980
19800083434	USSR Report. Electronics and electrical engineering	1980
19800083435	Development of methods and equipment for producing large crystals	1980
19800083436	Selecting parameters for an intersatellite communication link	1980
19800083437	Moskva satellite TV transmission system	1980
19800083438	Moskva system receiving station	1980
19800083439	Asynchronous rectifier of microwave oscillations with a volume element of gallium arsenide at room temperature	1980
19800083440	The synthesis of randomly distributed sources focusing an electromagnetic field in the case of a given current norm	1980
19800083441	Interference immunity of electronic systems with optical signal processing	1980
19800083442	Interference immunity of elevation and frequency diversity-spaced reception of signals in a channel with concentrated interference	1980
19800083458	A cost model for tactical surveillance and fire control radars: Air and surface	1980
19800083459	A cost model for tactical surveillance and fire control radars: Air and surface. Appendix A: Cost data. Appendix B: Prototype/production factor	1980
19800083460	Advanced imagery requirements and exploitation system, volume 2	1980
19800083461	Advanced imagery requirements and exploitation system, volume 3	1980
19800083462	Radio (selected articles)	1980
19800083464	Test loading antenna group OE-222/6	1980
19800083465	Experimental investigations of transmission, propagation, and reception of 3kHz electromagnetic waves for tactical communication applications	1980
19800083466	Tactical radar technology study	1980
19800083468	Device for repeated cross-period compensation	1980
19800083469	Pulse-signal storage unit for radars	1980
19800083471	Super-long range propagation of short radio waves	1980
19800083472	E-3A Airborne Warning And Control System (AWACS) Follow-on Operational Test and Evaluation (FOT&E), phase 2. Volume 1. Annex B. Logistics	1980
19800083473	Solid solutions of Ga(x)In(1-x)P gallium-indium phosphide and prospects for their utilization broadcasting equipment	1980
19800083491	Comparison test and evaluation of the AN/TPQ-36, AN/TPQ-37 and HWLS weapons locating radars (U)	1980
19800083499	Millimeterwave Contrast Guidance (MCG) development and demonstration program (U)	1980
19800083500	DFCS radar application technology study (U)	1980
19800083501	Translation. Electromagnetic effects on communications	1980
19800083503	USSR report: Electronics and electrical engineering	1980
19800083512	Use of transformer in device which produces strong pulsed magnetic field	1980
19800083513	Unipolar generator without a ferromagnetic circuit	1980
19800083514	Superconductor acyclic machines	1980
19800083515	New Class of semiconductors	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083526	Expendable TWT manufacturing technology	1980
19800083531	Ultra-wideband tunable microwave sources	1980
19800083532	Investigation of high-speed foil circuit breaker I. electrical explosion of foils in powered quartz	1980
19800083533	Synchronized semiconductor generators in superhigh-frequency apparatus	1980
19800083534	Super orthicons L1233, L1234, and L1235	1980
19800083535	F-band transistor and transistor amplifier development	1980
19800083537	The 18mm third generation wafer intensifier tube MM and T program	1980
19800083538	The 18mm third generation wafer intensifier tube MM T program	1980
19800083540	Low band millimeter wave TWT QKW 1756 (U)	1980
19800083541	Noise limiting microwave switch evaluation (U)	1980
19800083545	USSR Report: Cybernetics, computers and automation technology	1980
19800083546	Integrated circuits for computer applications discussed	1980
19800083547	On the book by N. M. Belyayeva and A. A. Ryadno: Methods of non-stationary heat conductivity	1980
19800083551	Kinetics of coagulation in an aerosol system with a constant inflow and outflow of particles	1980
19800083553	Trailing shock inlet analysis and design	1980
19800083554	Transient pressure wave calculations in an empty canister of the vertical launching system	1980
19800083565	IOT and E of airborne videotape recorder, phase 2	1980
19800083566	Laboratory and centrifuge tests of the Honeywell laser gryo, model GG1328, for the AGT project supplement	1980
19800083569	Method of photographing in the semiconductor conductorship system with a p-n junction	1980
19800083570	Statistical analysis of TACTS/ACMI recorded structural flight data	1980
19800083571	Mechanical models of quantum gyroscopes	1980
19800083574	Chemical Laser Advanced Diffuser/Ejector (CLADE). Volume 2. Supersonic radial-flow diffuser investigations	1980
19800083577	Visible wavelength application study. Volume 2: Model development and validation	1980
19800083578	Visible wavelength application study. Volume 3: User's manual	1980
19800083579	A laser beam instead of a wire	1980
19800083580	Gas-dynamic lasers	1980
19800083582	All/GDL cycle III support services	1980
19800083583	Cold cathode technology development program	1980
19800083584	Chemical Laser Advanced Diffuser/Ejector (CLADE). Volume 1: Vaned diffuser and supersonic/supersonic ejector screening experiments	1980
19800083585	Investigation of electron beam gun foil design parameters for laser applications	1980
19800083586	Passive laser accelerometer	1980
19800083587	Laser Spot Information System (LSIS). Part 1: Executive summary	1980
19800083588	Laser line	1980
19800083591	Dielectric coatings for pulsed lasers	1980
19800083592	High PRF heterodyne 10.6 micrometers laser transceiver	1980
19800083593	Target definition by pulsed optical energy (TADPOLE) laser hit detection	1980
19800083595	Analysis of HELLFIRE Seeker (LOCALS) wide pulse discrimination circuitry and problems (U)	1980
19800083603	Gas turbines	1980
19800083604	Forging and stamping (selected articles)	1980
19800083609	Vertical position, GMAW-pulsed current welding of 4-inch-thick TI-GAL-2Cb-1T a-0.8Mo alloy	1980
19800083610	The applicability of circumferential pipe welding processes to alloy titanium	1980
19800083612	FT 9 marine gas turbine development program	1980
19800083613	Development of improved marine gas turbine airfoils using directional solidification	1980
19800083614	Ceramic Components for vehicle gas turbines - abstracts	1980
19800083615	Single crystal superalloy turbine airfoils for marine gas turbine engines	1980
19800083623	Fracture orientation effects in TI-100 weldments	1980
19800083628	From photographic film to the computer	1980
19800083632	Evaluating the information content of data from agrometeorological observations	1980
19800083634	Geodetic basis for the transformation of geometric models	1980
19800083636	Manufacturing methods and technology for the establishment of production techniques for a split-cycle stirling cryogenic cooler	1980
19800083637	West Europe Report: Science and technology	1980
19800083638	Study made of Sweden's bioenergy policy	1980
19800083639	Forecasting unfavorable meteorological conditions as a means of eliminating higher than usual pollution of the atmosphere in the area of large industrial complex	1980
19800083648	Radiation studies in the atmosphere (selected articles)	1980
19800083649	Return-slant probing of the ionosphere	1980
19800083651	Model development for E-O SAEL: Natural aerosol, contrast, laser transmission, and turbulence	1980
19800083655	Investigations of Cloud Physics (selected articles)	1980
19800083656	The use of geomagnetic disturbance for forecasting hydrometeorological phenomena	1980
19800083659	Climatic characteristic of the conditions of forming artificial cirrus clouds	1980
19800083663	Estimation of linear distortions in a rheograph	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19800083666	The laser helps restore vision: Science expands horizons	1980
19800083667	Aerospace biomedicine and biology	1980
19800083668	Hygiene and sanitation (selected articles)	1980
19800083670	Adaptation loss after exposure to aircraft noise induced stress as a criterion of injuriousness	1980
19800083672	AV-8B human engineering program plan, revision B	1980
19800083673	USSR Report. Cybernetics, computers and automation technology	1980
19800083674	Progress in cybernetics	1980
19800083675	Data teleprocessing systems in materials and equipment supply applications	1980
19800083676	Multichannel system for loading sequential code into an M 6000 control computer system	1980
19800083677	Raising efficiency of automated management systems	1980
19800083678	The 40th anniversary of the Institute of Management Problems	1980
19800083685	GDR exportation office and information processing machines	1980
19800083686	Minicomputers, Chapters 1-5	1980
19800083688	USSR Report: Cybernetics, computers and automation technology	1980
19800083689	Hybrid computer with specialized multifunctional memory	1980
19800083691	Distributed Data Processing (DDP) technology program distributed processing requirements engineering (DPRE)	1980
19800083692	Programming for minicomputers: Selected pages	1980
19800083695	Reduction of information received by a computer over communications channels	1980
19800083697	Boundary problems in fine-grained boundary regions, book exploration report	1980
19800083698	The application of phase-manipulated ultrasonic signals when monitoring multilayer media	1980
19800083702	One possibility of designing of the source of highly-monochromatic gamma-radiation	1980
19800083707	Two-beam 30 MeV betatron	1980
19800083712	Light filament control system	1980
19800083715	Methods of creative liquid-crystal nonlinear spatial light modulators with internal feedback	1980
19800083716	Superconducting magnet systems for research in the field of plasma physics in the USSR	1980
19800083719	The paramagnetic rotation of polarization planes	1980
19800083720	Electron spectroscopy of crystals	1980
19800083721	Determination of the number of levels of quantization during the digital processing of a trajectory signal in radars with the synthesized aperture	1980
19800083722	USSR Report. Cybernetics, computers and automation technology	1980
19800083723	Holographic data retrieval system with inverted file organization	1980
19800083726	Progress delivered radio telescope	1980
19800083727	Radiotelescopes, submillimeter telescopes, and x-ray telescopes, a collection of articles	1980
19800083731	West Europe report: Science and technology	1980
19800083732	Difficulties with initial Ariane launch reviewed	1980
19800083733	New automation control system outlined	1980
19800083734	First operational French laser gyroscope flight-tested	1980
19810001541	Head up displays. Citations from the International Aerospace Abstracts data base	1980
19810001544	Cryogenic aging of metals. Citations from the International Aerospace Abstracts data base	1980
19810001557	Gyrocompasses. Citations from the International Aerospace Abstracts data base	1980
19810001569	A piloted simulator investigation of static stability and stability/control augmentation effects on helicopter handling qualities for instrument approach	1980
19810001576	Mission Operation Report: FLTSATCOM-D Launch	1980
19810001582	Mission operation report: SBS-A/Delta launch	1980
19810001608	Large-scale outdoor fire-released carbon fiber tests	1980
19810001652	Heat resistant nickel alloys. Citations from the International Aerospace Abstracts data base	1980
19810001653	Titanium: Castings and casting. Citation from the International Aerospace Abstracts data base	1980
19810001696	Aluminized propellants and explosives. Citations from the NTIS data base	1980
19810001698	Aluminized propellants and explosives. Citations from the International Aerospace data base	1980
19810001732	Experimental investigation of intermodulation effects and related efficiencies associated with two- and three-signal operation of a traveling wave tube	1980
19810001842	Gyroscopes and gyro-stabilized systems. Citations from the NTIS data base	1980
19810001843	Gyroscopes and gyro-stabilized systems. Citations from the Engineering Index data base	1980
19810001846	Gyroscopes and gyro-stabilized systems. Citations from the International Aerospace Abstracts data base	1980
19810001847	Laser gyroscopes. Citations from the International Aerospace Abstracts data base	1980
19810001916	Double heterostructure used in diode lasers and light emitting diodes. Citations from the International Aerospace Abstracts data base	1980
19810002059	Battery electrolytes. Citations from the International Aerospace abstracts data base	1980
19810002061	Inverter converters. Citations from the NTIS data base	1980
19810002127	Effect of lateral spacing on wake characteristics of buildings	1980
19810002499	Aeronautical Engineering. A continuing bibliography with indexes, supplement 126, September 1980	1980
19810002713	Polymers in solar technologies: An R and D strategy	1980
19810002763	Software Validation and Verification Techniques	1980
19810002916	Development of a unified numerical procedure for free vibration analysis structures	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810002946	Design, fabrication, test qualification and price analysis of third generation design solar cell modules	1980
19810003326	MHD generator off-design performance and nox chemical kinetics analysis. Volume 1: Analysis of the off-design performance of the Engineering Test Facility ETF MHD generator flow train	1980
19810003724	Development of a new polyurea foam insulation material	1980
19810003725	Space-charges in polymers	1980
19810003982	Studies related to Magsat	1980
19810004014	Reference coordinate systems for Earth dynamics: A preview	1980
19810004279	Convergence of iterative nonexpansive signal reconstruction algorithms	1980
19810004499	Investigations of Coherent Anti-Stokes Raman Spectroscopy (CARS) for Practical Combustion Diagnostics	1980
19810004742	Iterative techniques for minimum phase signal reconstruction from phase or magnitude	1980
19810005057	Tabulations of ambient ozone data obtained by GASP airliners, March 1975 to December 1977	1980
19810005061	Possible influence of solar rotation on tropospheric circulation	1980
19810005293	Productivity in aerospace research and development	1980
19810005435	Inertial navigation and guidance. Citations from the International Aerospace Abstracts data base	1980
19810005446	Technological forecasting--aircraft design. Citations from the International Aerospace data base	1980
19810005791	Energy transfer and quenching rates of laser-pumped electronically excited alkalis in flames	1980
19810005792	Laser excitation of fluorescence in the A-X system of NH	1980
19810005854	Convection, composition and the thermal state of the lower mantle	1980
19810005855	Plate tectonics on Venus	1980
19810005856	Hotspots, basalts and the evolution of the mantle	1980
19810005857	Basaltic volcanism contribution	1980
19810005876	Remote sensing applied to pollution monitoring. Citations from the International Aerospace Abstracts data base	1980
19810006027	Chemical kinetic and photochemical data sheets for atmospheric reactions	1980
19810006041	Proceedings: Fourth Annual Workshop on Meteorological and Environmental Inputs to Aviation systems	1980
19810006109	Stress factors on pilot performance. Citations from the International Aerospace Abstracts data base	1980
19810006428	Adiabatic and non-adiabatic processes in thermal models of solar hard X-ray bursts	1980
19810007081	Air sampling. Citations from the International Aerospace Abstracts data base	1980
19810007133	Lightning. Citations from the International Aerospace abstracts data base	1980
19810007134	Clean air turbulence. Citations from the International Aerospace Abstracts data base	1980
19810007154	Aerospace Medicine and Biology (supplement 213)	1980
19810007410	Pioneer: First to Jupiter, Saturn, and beyond	1980
19810007453	Aeronautical engineering: A continuing bibliography with indexes, supplement 129, December 1980	1980
19810007454	The high-speed frontier. Case histories of four NACA programs, 1920 - 1950	1980
19810007455	The high-speed airfoil program	1980
19810007456	Transonic wind tunnel development (1940 - 1950)	1980
19810007457	The high-speed propeller program	1980
19810007458	High-speed cowlings, air inlets and outlets, and internal-flow systems	1980
19810007558	The Orbital Flight Test Program	1980
19810007588	The space shuttle main engine and the solid rocket booster	1980
19810007589	Launch and post-flight activities	1980
19810007590	The Space Shuttle Orbiter	1980
19810007591	On-board data processing technology in the new generation of piloted spaceflight	1980
19810007592	Technological innovation in the design and development of the space transportation system	1980
19810007607	New ion exchange membranes	1980
19810007627	Ablation and ablative materials. Citations from the International Aerospace Abstracts data base	1980
19810007760	A high speed non-intrusive temperature diagnostic for combustion processes	1980
19810007762	Instant-replay data system for combustion tests	1980
19810007764	Flameholding characteristics of a swept-strut H2 fuel-injector for scramjet applications	1980
19810007768	A numerical study of candidate transverse fuel injector configurations in the Langley scramjet engine	1980
19810007771	Use of silane in scramjet research	1980
19810008098	The 1980 JANNAF Safety and Environmental Protection Subcommittee Meeting	1980
19810008539	Effects on anti-static additives on aircraft capacitance fuel gaging systems	1980
19810008554	An advanced electronic cockpit instrumentation system: The coordinated cockpit display	1980
19810008625	The 1980 JANNAF propulsion systems hazards subcommittee meeting, vol. 1	1980
19810008626	Safety Policy and Requirements for Payloads Using the Space Transportation System	1980
19810008627	Fluorine/Hydrazine Propulsion System Safety Considerations for STS Operations	1980
19810008630	Multimission Modular Spacecraft In-Orbit Refueling Study	1980
19810008883	Boundary layer equations. Citations from the International Aerospace Abstracts data base	1980
19810009071	Energy: Solar energy programme of the Commission of the European Communities	1980
19810009075	Energy: Economic activity and energy demand; link to energy flow. Example: France	1980
19810009434	Spinoff, 1980	1980
19810009452	Plasma waves associated with energetic particles streaming into the solar wind from the Earth's bow shock	1980
19810009507	Development and wind tunnel investigation of three supercritical airfoil profiles for transport aircraft	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810009537	The high lift characteristics in the case of the v-wing concept	1980
19810009605	Photoluminescence Study of Thermal Conversion in Gallium Arsenide	1980
19810009614	Dynamic, hot surface ignition of aircraft fuels and hydraulic fluids	1980
19810009830	Study of the comparative effectiveness of regression analysis and modifications of gradient methods as applied to the problem of the detection of contours during machine processing of photographs of the surface of planets	1980
19810010410	Overview of rail transit fare collection	1980
19810010702	Fabrication of aluminum oxide fiber reinforced aluminum matrix composites	1980
19810010706	Fabrication development of alumina/aluminum composites	1980
19810010918	Measurement of fuel spray vaporization by laser techniques	1980
19810011573	Ultrapure metals preparation in space	1980
19810011942	Life prediction methods for the combined creep-fatigue endurance	1980
19810011960	Digital processing of remotely sensed images	1980
19810012040	Energy conservation in houses built from 1960	1980
19810012044	Development of method and equipment for energy recovery from the exhaust gases of the oil-fueled smelting and holding furnaces	1980
19810012172	Activity of certain enzymes in subcellular fractions of rat liver after flight on Cosmos 1129 biosatellite	1980
19810012184	Importance of Photoelectronstagnography for Clinical Study of the Vestibular Function	1980
19810012602	The 737 graphite composite flight spoiler flight service evaluation	1980
19810012882	Monitoring drought impact from LANDSAT	1980
19810012888	Foreign commodity production forecasting. Program review presentation to level 1, Interagency Coordination Committee	1980
19810012908	Aerial color infrared photography: Applications in citriculture	1980
19810013020	Production of a raw material for energy production in agriculture	1980
19810013064	Lakes as a heat source for residential heating. A survey of costs in comparison with different systems and ecological consequences	1980
19810013135	Escaping nonthermal continuum radiation	1980
19810013607	Use of electron capture gas chromatography for the analysis of aromatic hydrocarbons. Part of a coordinated programme on the use of electron capture gas chromatography in organic analysis	1980
19810013617	Thermal and mechanical properties of nitrogen	1980
19810013671	Study of chemical non-homogeneity of the polymers, using as information source the parameters of equipartition equilibrium of the isotopes	1980
19810014493	Investigation of the interaction of lift jets and a ground plane	1980
19810014837	Flameproof television camera set for the observation of coal seams and rock strata as well as of tectonic surfaces in underground boreholes	1980
19810015026	Thermal Pollution Mathematical Model. Volume 7: User's Manual for Three-Dimensional Free-Surface Model	1980
19810015115	Study of a temperature-stabilized heat pipe system with electrical feedback	1980
19810015118	Development of single-crystals CdTe solar cells for terrestrial application in optical concentrators	1980
19810015434	Development of a computer-aided method for the techno-economic evaluation of R and D projects in the mining area. Stage 1: Development of the concept and identification of application	1980
19810016296	Discrete-time stochastic control of hybrid systems	1980
19810016437	Determining the solubility and diffusivity of hydrogen and deuterium in the iron-titanium mixed crystal phase by resistance measurements	1980
19810016623	Investigation of some physical and mechanical properties of titanium carbides and of complex	1980
19810016665	Oxidation of zircaloy-4 under static conditions	1980
19810016789	Heat and Mass Transfer Characteristics of Transpiration Cooling	1980
19810017251	Remarks on the spin-rotation parameter in elastic proton-nucleus scattering	1980
19810017638	Design study for improved ion thruster power processor. Volume 1: Summary	1980
19810017639	Design study for improved ion thruster power processor. Volume 2: Design details	1980
19810018042	Technological activities for high performance receivers	1980
19810018431	On the cooperative Jahn-Teller effect in ternary chromium (2) and copper (2) halides	1980
19810019485	The thickness of the interplanetary collisionless shock waves	1980
19810019494	Solar observations during Skylab April 1973 - February 1974. 1: Coronal X-ray structure. 2: Solar flare activity	1980
19810019712	Integrular corrosion: The reliability of the electrochemical potent iokinetic reactivation method	1980
19810019897	Development of two UHF band resonators for application to CO2 laser electro-optical modulation	1980
19810019997	Feasibility of a geothermal district heating scheme	1980
19810020112	Comparison of ion temperature and ion density measured during geomagnetically very quiet conditions on board the geophysical rocket Vertical-6 with the international reference ionosphere	1980
19810020113	Complex investigation of the basic parameters of the upper atmosphere at the time of the flight of the geophysical rocket Vertical-6	1980
19810020258	Comparative performance evaluation of several local distributed computer networks	1980
19810020524	Results of cosmic radiation dose field measurements aboard the Salyut-6 orbital station	1980
19810021527	Numerical Study of the atmospheric circulation of Venus	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810021530	On the importance of reverse current ohmic losses in electron-heated solar flare atmospheres	1980
19810024999	Dryland pasture and crop conditions as seen by HCMM	1980
19810025012	AgRISTARS: Foreign commodity production forecasting. Program review presentation to level 1, Interagency Coordination Committee	1980
19810025018	Evaluation of LANDSAT data analysis for forest survey	1980
19810025019	As-built design specification of the automatic registration system for the cartographic technology laboratory	1980
19810025021	Maximum likelihood estimation for mixture models	1980
19810025027	Use of remote sensing for land use policy formulation	1980
19810025031	Some methods of multitemporal analysis of LANDSAT images resulting from a study on Venice Lagoon	1980
19810025032	Experiment plan: Row and roughness effects on dependence of active microwave measurements of soil moisture	1980
19810025509	High compression crystal growth system	1980
19810055208	Ultra-Precise Star Tracking Using Charge Coupled Devices (CCDs)	1980
19810055209	Image Signal Processing in Sub-Pixel Accuracy Star Trackers	1980
19810065586	Aeronautics Program	1980
19810065587	Effects of Winglets on the Induced Drag of Ideal Wing Shapes	1980
19810065597	Shuttle spacelab core experiment freezer prototype development and test program	1980
19810065613	High Supersonic Rudder Effectiveness and Effect of Silts Pod on 0.020-Scale (Remotely Driven Control Surface) Model 106-0 Space Shuttle Orbiter Tested in the NASA/Larc 4-Foot Unitary Plan Wind Tunnel	1980
19810065614	High supersonic rudder effectiveness and effect of silts pod on a 0.020-scale (remotely driven control surface) model 106-0 space shuttle orbiter tested in the NASA/LaRC 4-foot unitary plan wind tunnel, volume 3	1980
19810065615	High supersonic rudder effectiveness and effect of silts pod on a 0.020-scale (remotely driven control surface) model 106-0 space shuttle orbiter tested in the NASA/LaRC 4-foot unitary plan wind tunnel, volume 1	1980
19810065620	Abrasion, abrasives, and abrasion resistance. Citations from the International Aerospace Abstracts data base	1980
19810065637	Cathodoluminescence. Citations from the Engineering Index data base	1980
19810065642	Gold plating processes. (Citations from the International Aerospace Abstracts data base	1980
19810065643	High strength aluminum alloys. Citations from the International Aerospace Abstracts data base	1980
19810065661	Anchor bolts. Citations from the NTIS data base	1980
19810065687	The electret effect and device. Citations from the International Aerospace Abstracts data base	1980
19810065688	Extra high voltage power transmission. Citations from the Engineering Index data base	1980
19810065744	Integral glass encapsulation for solar arrays	1980
19810065773	Inverter converters. Citations from the American Institute of Aeronautics and Astronautics, Incorporated	1980
19810065797	Atmosphere Explorer data analysis	1980
19810065836	SOS-II Users Manual	1980
19810065911	Results of tests using a 0.020-scale model (88-OTS) of the space shuttle integrated vehicle jet-plume in the NASA/ARC UPWT 11 x 11-foot leg (Test IA119), volume 2	1980
19810065912	Results of tests using a 0.020-scale model (88-OTS) of the space shuttle integrated vehicle jet-plume in the NASA/ARC UPWT 11 x 11-foot leg (Test IA119), volume 4	1980
19810066253	OSHA medical surveillance requirements and NIOSH recommendations for employees exposed to toxic substances and other work hazards	1980
19810066355	Results of tests on a 0.0175-scale model (60-0) of the space shuttle orbiter to determine re-entry mode convective heat transfer rates on the upper wing surface and SSME nozzles in the AEDC VKF B hypersonic wind tunnel (OH98), volume 1	1980
19810066356	Results of tests on a 0.0175-scale model (60-0) of the space shuttle orbiter to determine re-entry mode convective heat transfer rates on the upper wing surface and SSME nozzles in the AEDC VKF B hypersonic wind tunnel (OH98), volume 2	1980
19810066357	Results of tests using a 0.03-scale model (47-OTS) of the space shuttle integrated vehicle in the NASA/Ames Research Center 9 x 7 foot supersonic wind tunnel (IS184), volume 1	1980
19810066358	Results of SSV orbiter air data system calibration test using the 0.10-scale orbiter forebody model 99-0 in the NASA/Lewis 10 by 10-foot supersonic wind tunnel (OA234)	1980
19810066359	Results of tests on the effects of aeroelasticity of the space shuttle orbiter vertical tail using a 0.03-scale model (47-0) in the NASA Ames unitary wind tunnels (OA126A, B and C), volume 1	1980
19810066360	Results of tests on the effects of aeroelasticity of the space shuttle orbiter vertical tail using a 0.03-scale model (47-0) in the NASA Ames unitary wind tunnels (OA126A, B and C), volume 2	1980
19810066361	Results of tests on the effects of aeroelasticity of the space shuttle orbiter vertical tail using a 0.03-scale model (47-0) in the NASA Ames unitary wind tunnels (OA126A, B and C), volume 3	1980
19810066363	Space shuttle thin skin heat transfer tests of simulated large scale protuberances and half scale tile on flat plate model 58-OTS in the NASA Ames Research Center 3.5-foot hypersonic wind tunnel (IH51C), volume 1	1980
19810066364	Space shuttle thin skin heat transfer tests of simulated large scale protuberances and half scale tile on flat plate model 58-OTS in the NASA Ames Research Center 3.5-foot hypersonic wind tunnel (IH51C), volume 2	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810066365	Results of tests using a 0.02-scale model (88-OTS) of the space shuttle integrated vehicle jet-plume in the NASA/ARC UPWT 11 x 11-foot leg (Test IA119), volume 1	1980
19810066366	Results of tests using a 0.020-scale model (88-OTS) of the space shuttle integrated vehicle jet-plume in the NASA/ARC UPWT 11 x 11-foot leg (Test IA119), volume 3	1980
19810066501	Low cost solar array project, task 1: Silicon Material. Gas melt replenishment system	1980
19810066502	Low-cost solar array project, task 1: Silicon Material. Investigation of the hydrogenation of SiCl ₄	1980
19810066503	Development of processes for the production of solar grade silicon from halides and alkali metals, phase 2	1980
19810066504	Laser annealing of ion implanted CZ silicon for solar cell junction formation	1980
19810066505	Silicon web process development	1980
19810066506	Process development for automated solar cell and module production. Task 4: Automated Array Assembly	1980
19810066564	Atmosphere explorer data analysis	1980
19810066665	Forty-third annual meeting of the Meteoritical Society	1980
19810066674	Conference on Multi-ring Basins: Formation and Evolution	1980
19810066754	Shuttle Orbiter K-band radar communications system design evaluation. System test evaluation	1980
19810066898	Solar thermal heating and cooling: A bibliography with abstracts. Quarterly update	1980
19810067095	Calibration tests of the space shuttle orbiter air data system using a 0.10 scale orbiter forebody model (99-0) in the NASA Ames Research Center 9 x 7 and 8 x 7 foot legs of the unitary plan wind tunnel, volume 1	1980
19810067096	Calibration tests of the space shuttle orbiter air data system using a 0.10 scale orbiter forebody model (99-0) in the NASA Ames Research Center 9 x 7 and 8 x 7 foot legs of the unitary plan wind tunnel, volume 2	1980
19810067097	Results of an investigation to verify shuttle orbiter vehicle 102 aero characteristics utilizing an .05 scale hi-fidelity remote control model (39-0) in the Ames Research Center unitary wind tunnel, volume 2	1980
19810067098	Results of an investigation to verify shuttle orbiter vehicle 102 aero characteristics utilizing an .05 scale hi-fidelity remote control model (39-0) in the Ames Research Center unitary wind tunnel, volume 3	1980
19810067100	Results of an investigation to verify shuttle orbiter vehicle 102 aero characteristics utilizing an .05 scale hi-fidelity remote control model (39-0) in the Ames Research Center unitary wind tunnel, volume 6	1980
19810067335	Selected data from a transonic flexible walled test section	1980
19810067364	Cermets: Fabrication and applications. Citations from the International Aerospace Abstracts data base	1980
19810067649	Controlled fusion reactor design and technology-Tokamak devices. Citations from the International Aerospace Abstracts data base	1980
19810067669	Search for X-ray sources among A stars, using HEAO-1 data	1980
19810067670	Studies of X-ray variability in O stars and A star X-ray emission	1980
19810067671	Isotopic composition of primary cosmic rays H through FE for ISEE-C spacecraft	1980
19810067689	Solar Maximum Mission (SMM) post launch Mission operation report	1980
19810067693	Aerodynamic design data book. Volume 1M: Orbiter vehicle STS-1	1980
19810067816	Silicon solar cell process development, fabrication and analysis	1980
19810067937	Computer Resources Management	1980
19810068014	Results of an investigation to verify shuttle orbiter vehicle 102 aero characteristics utilizing an .05-scale hi-fidelity remote control model (39-0) in the Ames Research Center unitary wind tunnel (OA145A), volume 1	1980
19810068015	Results of an investigation to verify shuttle orbiter vehicle 102 aero characteristics utilizing an .05-scale hi-fidelity remote control model (39-0) in the Ames Research Center unitary wind tunnel (OA145A), volume 4	1980
19810068016	Results of tests using a 0.02-scale model (89-OTS) of the space shuttle integrated vehicle in the AEDC 16-foot transonic propulsion wind tunnel (IA156A), volume 1	1980
19810068017	Results of tests using a 0.02-scale model (89-OTS) of the space shuttle integrated vehicle in the AEDC 16-foot transonic propulsion wind tunnel (IA156A), volume 2	1980
19810068019	Develop and demonstrate the performance of cryogenic components representative of space vehicles. Integrated system design and analysis, phase 2	1980
19810068231	Physiopathology and pathology of conditions of the spine in aerospace medicine	1980
19810068232	Increasing the effectiveness and quality of combat readiness of a ship during prolonged navigation	1980
19810068327	Small passenger car transmission test: Chevrolet Citation 125 transmission	1980
19810068328	Aerothermodynamic data base quarterly data file contents report, phase C	1980
19810068329	Results of tests on a .02 scale space shuttle launch vehicle model (89OTS) in the LARC 16 ft transonic wind tunnel to determine pressure distribution along the external tank LOX cable tray (LA132)	1980
19810068330	Results of tests for force, moment, pressure and aeroelastic data using the 0.030 scale pressure loads space shuttle orbiter model (47-0) in the NASA/ARC 11 foot unitary plan wind tunnel, (OA400), volume 2	1980
19810068331	Results of tests for force, moment, pressure and aeroelastic data using the 0.030 scale pressure loads space shuttle orbiter model (47-0) in the NASA/ARC 11 foot unitary plan wind tunnel, (OA400), volume 3	1980
19810068332	Results of an orbiter silts pod heat transfer and flow field test using a 0.0175-scale space shuttle orbiter (92-0) in the AEDC VKF hypersonic wind tunnel B (OH-400)	1980
19810068333	Investigation of support system effects on orbiter low speed aerodynamic characteristics using 0.0405-scale model (43-0) in the NAAL low speed wind tunnel (OA176)	1980
19810068334	Results of tests using a 0.03-scale model (47-OTS) of the space shuttle integrated vehicle in the NASA/Ames Research Center 9 x 7 foot supersonic wind tunnel (IA184), volume 2	1980
19810068336	Wind tunnel tests of the 0.035 scale integrated space shuttle vehicle model 84-OTS in the NASA/Lewis 10 x 10 foot supersonic wind tunnel (IH11), volume 1	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810068337	Wind tunnel tests of the 0.035 scale integrated space shuttle vehicle model 84-OTS in the NASA/Lewis 10 x 10 foot supersonic wind tunnel (IH11), volume 3	1980
19810068338	Wind tunnel tests of the 0.035 scale integrated space shuttle vehicle model 84-OTS in the NASA/Lewis 10 x 10 foot supersonic wind tunnel (IH11), volume 4	1980
19810068339	Results of tests using a 0.02-scale model (89-OTS) of the space shuttle integrated vehicle in the AEDC 16-foot transonic propulsion wind tunnel (IA156A), volume 3	1980
19810068340	IUS on-orbit assembly study. A propulsion study relevant to future planetary missions	1980
19810068397	Optimal time splitting for two and three dimensional Navier-Stokes equations with mixed derivatives	1980
19810068434	Evaluation of distributed gas cooling of pressurized PAFC for utility power generation	1980
19810068468	Reconstruction of atmospheric pollutant concentrations from remote sensing data: An application of distributed parameter observer theory	1980
19810068553	KSC design engineering technical data base study	1980
19810068944	Description of changes to payload integration plan. Space Transportation System and OFT pallet system carrier	1980
19810069089	Solar heating system installed at Jackson, Tennessee	1980
19810069090	Analysis and evaluation in the production process and equipment area of the low-cost solar array project	1980
19810069092	Investigation of test methods, material properties, and processes for solar cell encapsulants	1980
19810069093	Processing experiments on non-czochralski silicon sheet (mepsdu support contract)	1980
19810069227	Climatology of radiation budget measurements from satellites	1980
19810069228	An analysis of two years of Nimbus 6 Earth Radiation Budget observations, July 1975 - June 1977	1980
19810069243	General requirements and rules for preparing the joint report for the Soviet-American Experiment on the Effect of Hypokinesia (SAEH)	1980
19810069330	Development of Finite-Volume Methods for Three-Dimensional Transonic Flows	1980
19810069362	Results of an investigation to verify shuttle orbiter vehicle 102 aero characteristics utilizing an .05-scale hi-fidelity control model (39-0) in the Ames Research Center unitary wind tunnel (OA145B), volume 2	1980
19810069363	Results of shuttle transportation system ascent air data system high supersonic calibration test using the 0.07-scale external oxygen hydrogen tank forebody model (68-T) in the unitary plan high speed leg of the LARC 4 by 4 wind tunnel (IA180)	1980
19810069364	Results of tests for force, moment, pressure and aerolastic data using the 0.030 scale pressure loads space shuttle orbiter model (47-0) in the NASA/ARC 11 foot unitary plan wind tunnel, (OA400), volume 1	1980
19810069365	Results of air data system calibration test using the 0.10-scale space shuttle orbiter vehicle 102 forebody model 99-0 in the NASA/ARC 40 x 80 foot subsonic wind tunnel (OA237)	1980
19810069366	Results of Test Using a 0.030-Scale Pressure Loads Space Shuttle Orbiter Model (47-0) in the NASA/ARC Unitary Plan Wind Tunnels (OA149B/C), Volume 3	1980
19810069367	Calibration tests of the space shuttle orbiter primary and alternate air data systems using a 0.010-scale orbiter forebody model (99-0) in the NASA Ames Research Center 9 x 7 and 8 x 7-foot legs of the unitary plan wind tunnel (OA221B and C), volume 1	1980
19810069368	Calibration tests of the space shuttle orbiter primary and alternate air data systems using a 0.010-scale orbiter forebody model (99-0) in the NASA Ames Research Center 9 x 7 and 8 x 7-foot legs of the unitary plan wind tunnel (OA221B and C), volume 2	1980
19810069546	High temperature solar receiver field test report	1980
19810069680	Influence of psychotropic substances on the variation of free fatty acid plasma levels in restrained rats	1980
19810069725	Alpha particles. Citations from the International Aerospace Abstracts Data Base	1980
19810069771	Petitions for patent waivers	1980
19810069787	Thrust Computing System (TCS) for the NASA highly maneuverable aircraft technology (HiMAT) vehicle	1980
19810069798	Results of an investigation to verify shuttle orbiter vehicle 102 aero characteristics utilizing an .05-scale hi-fidelity remote control model (39-0) in the Ames Research Center unitary wind tunnel (OA145B), volume 1	1980
19810069799	Wind tunnel tests of the 0.035-scale integrated space shuttle vehicle model 84-OTS in the NASA/Lewis 10 x 10-foot supersonic wind tunnel (IH11), volume 2	1980
19810069868	Purification and cultivation of human pituitary growth hormone secreting cells, part 2	1980
19810069898	Abstracts of papers submitted to the Eleventh Lunar and Planetary Science Conference, part 1	1980
19810069899	Abstracts of papers submitted to the Eleventh Lunar and Planetary Science Conference, part 2	1980
19810069900	Abstracts of papers submitted to the Eleventh Lunar and Planetary Science Conference, part 3	1980
19810070003	A methodology for assessing systems materials requirements	1980
19810070081	Sensitivity of marine phytoplankton to UV-B radiation: Impact upon a model ecosystem	1980
19810070098	Rectangular - Beam Ion source	1980
19810070143	Silicon nitrides. Citations from the International Aerospace Abstracts Data Base	1980
19810070162	Corrosion characteristics of titanium alloys. Citations from the International Aerospace Abstracts data base	1980
19810070393	Studies on the effects of physical exercise on humans. Citations from the International Aerospace Abstracts Data Base	1980
19810070458	The dimensions of the great cosmos	1980
19810070561	A boundary value technique for the analysis of laminar boundary layer flows	1980
19810070582	Single Frequency Microwave Remote Sensing of Snow on an Aluminum Plate, Appendix K	1980
19810070583	Ground-truth of snow fields in the Rome, New York area during January, 1979, appendix M	1980
19810070651	Analytical approaches to the investigation of kerogen structure by mass spectrometric techniques	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810070763	Wakes and performance of light aircraft propellers, volume 1	1980
19810070803	Coal conversion products: Industrial applications	1980
19810070826	Satellite antenna technology. 1973-November, 1980 Citations from the International Aerospace Abstracts Data Base	1980
19810071102	Testing instructions for 10 N drive mechanism: A 14 hour hot run under vacuum conditions	1980
19810071197	Heat Capacity Mapping Mission. NASA investigation HCM-034: Thermal mapping, geothermal source location, natural effluents and plant stress in the Mediterranean coast of Spain	1980
19810071492	The status of cement and concrete research and development in the United States	1980
19810071728	The decay of mesotrons (1939-1943) experimental particle physics in the age of innocence	1980
19810071763	A study of a public key cryptography system	1980
19810071768	Theoretical calculations of spectral features in the expanding envelopes of early type stars	1980
19810071798	Results of an investigation to verify shuttle orbiter vehicle 102 aero characteristics utilizing an .05-scale hi-fidelity remote control model (39-0) in the Ames Research Center unitary wind tunnel (OA145B), volume 3	1980
19810071936	Mirror on the Sun	1980
19810072044	Redundant computer set logic flow diagrams (sequencing) tape version 18	1980
19810072360	Ion implantation. Citations from the International Aerospace Abstracts data base	1980
19810072663	Carbon-Carbon assessment for Jupiter probe heatshield	1980
19810072664	Galileo probe forebody thermal protection benchmark heating environment calculations	1980
19810073035	Assessment of surface accuracy and aperture blockage of deployable reflector concepts, task 3	1980
19810073047	Technology transfer: NASA's bioengineering-applications program	1980
19810073063	Weathering effects in antarctic meteorites	1980
19810073362	Large scale wind tunnel investigation for future modifications to the quiet short-haul research aircraft	1980
19810073363	USB propulsive-lift aircraft design and performance study	1980
19810073364	Analysis of contractor's taxi and flight test of the QSRA	1980
19810073365	Aerodynamic characteristics of a 0.1-scale model of a 2-place A-10A aircraft	1980
19810073366	Further evaluation of a low emissions high performance duct burner for Variable Cycle Engines (VCE)	1980
19810073367	Analysis of control actuator authority requirements for attitude and translational rate command augmentation systems for the XV-15 tilt rotor research aircraft	1980
19810073368	European remote sensing satellite program proposal for a phase B1 of a satellite ERS-1	1980
19810073369	On the question of technical maintenance on board a piloted spacecraft	1980
19810073370	The 1980 JANNAF Rocket Nozzle Technology Subcommittee Meeting	1980
19810073371	Material and processing variables in the design and fabrication of carbon-carbon exit cones	1980
19810073372	Analytical processing for improved composites: Analytical results	1980
19810073373	Analytical processing for improved composites: Experimental results and thermodynamic models	1980
19810073374	Comparison between high and low temperature processed 3-D carbon-carbon billets	1980
19810073375	The effect of temperature in the graphitization of carbon/carbon composites	1980
19810073376	Advanced free standing integral throat and entrance nozzle preform fabrication	1980
19810073377	Assessment of rocket nozzle thermostructural analysis technology	1980
19810073379	Predicted thermoelastic properties for M-X nozzle ITE composites	1980
19810073380	Design of MX ITE weaves for reduced processing risk	1980
19810073381	A new micromechanical theory for composite failure	1980
19810073382	Analysis and design of a ceramic nozzle insert for the Langley 8-foot high temperature structures tunnel	1980
19810073383	Variables and roadblocks in fabrication of carbon-carbon composites	1980
19810073384	Thermal and mechanical behavior of carbon-carbon rings with reinforcement anomalies	1980
19810073385	The development of laboratory test methods for carbon-carbon composites	1980
19810073386	Determination of T-300 fiber properties from composite carbon-carbon data	1980
19810073387	Advanced carbon-carbon exit cone development	1980
19810073388	The carbon-carbon composite materials data base	1980
19810073389	An overview of carbon/carbon nozzle recession prediction technology	1980
19810073390	Rocket nozzle conduction analysis/Charring Ablation by Finite Element (CAFE)	1980
19810073391	A new technique for characterizing surface roughness	1980
19810073392	The 7- and 15-inch-throat diameter carbon/carbon billets	1980
19810073393	Carbon-carbon nozzle characterization studies	1980
19810073395	Characterization of the physico-chemical properties of polymeric materials for aerospace flight	1980
19810073396	The 10th JANNAF propellant characterization meeting	1980
19810073397	Applications of combined gas chromatography/mass spectrometry to propellant and propellant ingredient analysis	1980
19810073398	Liquid chromatographic determination of unreacted isophorone diisocyanate in SRAM propellant and liner	1980
19810073399	Effect of antioxidants on the stability of hydroxyl terminated polybutadients	1980
19810073400	Stabilization of R-45M HTPB	1980
19810073401	The assay of ammonium nitrate and ethylenediamine dinitrate	1980
19810073402	New adducts of 1,3,5-trinitro-1,3,5-triazacyclohexane and 1,3,5,7-tetranitro-1,3,5,7-tetrazacyclooctane	1980
19810073403	An overview of FT-IR in solid rocket propulsion at Thiokol Corporation/Wasatch Division	1980
19810073404	Use of chemical and physical methods to identify and correct HTPB propellant development problems	1980
19810073405	A rapid method for determination of functionality distribution in hydroxy-terminated polymers	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810073406	Component diffusion in HTPB propellants	1980
19810073407	Preparation of aliphatic amine nitrates	1980
19810073408	Investigation of RDX and HMX decomposition using mass and infrared spectral techniques	1980
19810073409	The 17th JANNAF combustion meeting, volume 3	1980
19810073410	Magnesium/aluminum alloy effects on solid rocket propellants	1980
19810073411	Combustion of low-burn-rate HTPB propellants in an acceleration field, part 2	1980
19810073412	Ignition and agglomeration of zirconium in composite propellants	1980
19810073413	Pressure sensitive and non-linearity in HTPB propellants. 1: Effects of aluminum content and solids loading	1980
19810073414	The influence of the fine AP/binder matrix on composite propellant ballistic properties	1980
19810073415	Factors affecting delivered performance in solid rocket motors	1980
19810073416	Burning rate anomaly investigation	1980
19810073417	A computer-assisted, thermodynamic equilibrium study of volume of gas evolution from the decomposition of substances containing carbon, hydrogen, oxygen, and nitrogen at 14.7 and 2000 PSIA	1980
19810073418	Velocity coupled combustion response measurements of HTPB-RS propellant	1980
19810073419	On velocity coupled response	1980
19810073420	Microwave measurement of solid propellant response functions	1980
19810073421	Vortex shedding studies	1980
19810073422	Finite element analysis of nozzle acoustic damping for rocket nozzle/chamber combinations	1980
19810073423	US combustion stability studies	1980
19810073424	Tangential mode combustion instability of solid propellant rocket motors	1980
19810073425	Use of harmonic analysis in combustion instability	1980
19810073426	An application of dynamic strain gages to measure combustion instability characteristics of motors with fiberglass cases	1980
19810073427	The ignitability of composite nitramine propellants	1980
19810073428	A critical survey and assessment of airbreathing combustion technology for subsonic and supersonic combustion engines	1980
19810073429	A summary of Air Force in-house ramjet combustion research and development	1980
19810073430	Supersonic combustion of hydrocarbon fuels using hypergolics and pyrophorics and ignition and pilot sources	1980
19810073431	Characteristics of dump combustor flowfields with and without chemical reactions	1980
19810073432	Flowfield studies of ducted rockets	1980
19810073433	Variable geometry nozzles for dump combustors	1980
19810073434	The JANNAF Workshop on pressure oscillations in ramjets	1980
19810073435	Formulation and properties of carbon slurry fuels, 2	1980
19810073436	Combustion characteristics of (NF ₄) ₂ M/1c/nF ₆	1980
19810073437	Ignition and combustion of B-N-H compounds	1980
19810073438	Solid reactant fluorinated gas generators	1980
19810073439	Solid Fuel Generators	1980
19810073441	The Kalman-Bucy filter. Deterministic observation and stochastic filtering	1980
19810073442	Electrochemical cell technology for orbital energy storage	1980
19810073443	Aircraft noise and its effects on man. Methods and results of research, consequences for environmental protection	1980
19810073445	Equatorial night ring in the F-region of the ionosphere	1980
19810073446	Universal multichannel spectrometer for studying the energy distribution of electron and proton fluxes in the ionosphere and magnetosphere	1980
19810073447	Ultrastructure of Glio-Neuronal Interrelations in the Normal Rat Celiac Nodes and at Hypokinesia	1980
19810073448	Effect of hypokinesia on blood vessels of the rabbit sympathetic trunk	1980
19810073449	Retention and recovery of food-procuring skill in a maze for rats after space flight in the Kosmos-782 Biosatellite	1980
19810073450	Ultrastructure of adrenalin-synthesizing group A1 neurons in the rat brain normally and under emotional stress	1980
19810073451	Conditioned reflex, electrographic and mediator-humoral changes in rats during intermittent hypokinesia of varying duration	1980
19810073452	Some morphological changes in the blood vessels of the rabbit medulla oblongata produced by a successive effect of gravitational overloading and hypokinesia	1980
19810073453	Interrelation of lipid peroxidation and enzyme systems of the antiradical protection of the cell in immobilization stress	1980
19810073454	Disturbances of situational reflexes in experimental neurosis elicited by a change in the spatial factor	1980
19810073456	Participation of histamine H ₂ -receptors in the mechanism of development of rat experimental gastric ulcers induced by various stresses	1980
19810073457	Hypodynamia and the cardiovascular system	1980
19810073458	Clinical picture and activity of the nervous system mediators in longterm simulation of some spaceflight factors	1980
19810073459	Changes of activation level on the EEG of juveniles caused by school process and attendant hypokinesia	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810073460	Effect of midbrain reticular formation stimulation on cerebellar evoked potentials after protracted hypokinesia	1980
19810073461	Relationship of organism reactions to measured physical loads in restricted muscular activity	1980
19810073462	Changes in central and peripheral circulation under the influence of prolonged hypodynamia	1980
19810073463	The pathophysiology of acceleration factors: A bibliographic index of domestic literature	1980
19810073467	Experimental and psychological research in aviation and cosmonautics	1980
19810073468	Fuzzy algorithms of intellectual processes	1980
19810073470	Biocosmic views of V. I. Vernadskiy	1980
19810073472	A Special Family of Modulus Forms of the Second Degree (II)	1980
19810073473	A special family of modulus forms of the second degree, note 1	1980
19810073474	A Special Family of Modulus Forms of the Second Degree (III)	1980
19810073475	NASA-ASEE Case-Lewis summer faculty fellowship program	1980
19810073476	The 1980 NASA-ASEE Summer Faculty Technology Feasibility Study	1980
19810073477	Report of the Tenth Meeting of the Technical Committee of CRTO (draft)	1980
19810073478	Lunar soil studies	1980
19810073482	Assessment of current and projected performance characteristics of deployable structural masts	1980
19810073484	Design approach studies for LACATE shuttle	1980
19810073485	JANNAF 12th Plume Technology Meeting, volume 2	1980
19810073486	Scattering of radiation by particles in low-altitude plumes	1980
19810073487	Radiation mechanisms and optimal wavelengths for viewing shock structure in jet aircraft exhausts	1980
19810073488	Infrared measurements in controlled high temperature aerosols	1980
19810073489	Flow field and radiation measurements of a rocket with six engines	1980
19810073490	The effect of turbulent fluctuations on the infrared radiation from rocket plumes	1980
19810073491	Thermal UV radiation plume phenomenology	1980
19810073492	CO + O chemiluminescent plume phenomenology	1980
19810073493	Laser Mie scattering measurements of particle size in solid rocket motor exhausts	1980
19810073494	Prediction of solid motor plume contamination using the CONTAM III computer code	1980
19810073495	Contamination predictions for a 0.44N monopropellant thruster using CONTAM 3	1980
19810073496	Thermal radiation from micron-sized particles in a two phase flow	1980
19810073497	The JANNAF standard plume flowfield model: Operational features and preliminary assessment	1980
19810073498	Computational methodology for the inclusion of gas/particle nonequilibrium effects in exhaust flowfields	1980
19810073499	Jet exhaust plume velocity measurements	1980
19810073520	Asymptotic theory of unsteady separation	1980
19810073521	Project SPOT specification system. (Sensing) system for Earth observation	1980
19810073523	A pilot control strategy identification technique for use in multiloop control tasks	1980
19810073524	Study of software management and guidelines for flight projects. Volume 2: Appendix	1980
19810073525	Study of software management and guidelines for flight projects. Volume 1: Summary and recommendations	1980
19810073526	A procedure for measuring solid-borne noise and its transmission	1980
19810073527	Development program on a cold cathode electron gun, phase 2	1980
19810073570	Large-scale wind tunnel investigation of Quiet Short-Haul Research Aircraft (QSRA) flightpath control concepts	1980
19810073572	Langley wind tunnel force data reduction program	1980
19810073573	Calculation of the potential theoretical flow around wing-fuselage combinations in comparisons with experiments	1980
19810073585	Problems of mechanics in space technology (controlled vibration processes in weightlessness)	1980
19810073586	Scientific orbital complex	1980
19810073587	Orbit parameters and sensors of environmental observation systems	1980
19810073588	Zero-order approximation in the problem of determining artificial satellite orientation	1980
19810073589	Oceanographic satellites: First proposal for the program of action as a basis for discussion	1980
19810073590	Space shuttle payload bay acoustics prediction study. Volume 1: Problem definition and experiments	1980
19810073591	Space shuttle payload bay acoustics prediction study. Volume 2: Analytical model	1980
19810073592	Space shuttle payload bay acoustics prediction study. Volume 3: Computer user's manual	1980
19810073593	Space shuttle payload bay acoustics prediction study. Volume 4: Verification of analytical model (without payload)	1980
19810073598	Payload Missions Integration	1980
19810073599	Payload mission integration	1980
19810073605	Mechanical-chemical surface treatment of metal parts in automatic vibrating machines	1980
19810073607	Optical contrast enhancement methods for the development of grain structure and identification of metallurgical phases in light metals	1980
19810073608	Method of visibility function phase reconstruction in multiple-frequency aperture synthesis	1980
19810073609	Ultrashortwave transverter	1980
19810073611	Skin friction measurements with Preston tubes in boundary layers with additional parameters	1980
19810073613	Laser devices and systems of flight vehicles	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810073614	Spectral reflective characteristics of natural formations and their use for purposes of remote study of the Earth	1980
19810073615	Small-scale mapping of after-fire forest dynamics according to aerospace photographs	1980
19810073616	Space information and geological research	1980
19810073617	Glaciological research and experiments on board the Salyut-6 orbital station	1980
19810073618	Development of methods and means of sub-satellite observations	1980
19810073619	Remote sensing work in France	1980
19810073620	Problems of the aerospace spectrometry of the earth's surface	1980
19810073621	Evaluation of fire danger of taiga forests according to their microwave radiation	1980
19810073622	Objectives of the earth natural resources observation from space	1980
19810073623	Thematic interpretation of multiband space imagery	1980
19810073626	Problems of natural environment studies from manned spacecraft	1980
19810073627	Structure of density heterogeneities in the stratosphere according to observations from the Salyut-6 orbital station	1980
19810073630	Plasma processes in the auroral magnetosphere	1980
19810073631	Synchronous observation of intense electron streams and associated effects in magnetically conjugate regions (the Araks experiment)	1980
19810073632	Detection of the fault pattern of central Kamchatka by instrumental methods and interpretation of their genesis	1980
19810073633	Meteorological sounding of the underlying surface from space	1980
19810073635	Development of microorganisms under conditions of space flight	1980
19810073636	Adaptation to weightlessness and its physiological mechanisms (from materials of experiments with animals on biological Earth satellites)	1980
19810073637	Space biology and medicine research in Bulgaria	1980
19810073638	Effect of hypokinesia on the telencephalic blood vessels of rabbits	1980
19810073639	Hemopoietic function during hypokinesia	1980
19810073640	Mathematical modeling in biospherics	1980
19810073641	Effect of stress (immobilization) on embryotoxic and teratogenic action of 2,4,5-trichlorophenoxyacetic acid and its derivatives	1980
19810073643	Functional organization of reticulo-and vestibulospinal synaptic processes in rat lumbar motor neurons	1980
19810073644	Atlas of dosage characteristics of external ionizing radiation	1980
19810073645	Estimation of sequelae of external beta-radiation on the organism in conditions of thermal load	1980
19810073647	Study of the prognostic value of electronystagmograms (ENGs) in vestibular occupational selection	1980
19810073650	Mechanism for regulating vertical human position during foot movements	1980
19810073651	Certain aspects of human biomechanics and problems of future space flights	1980
19810073653	Method of histological treatment of otic labyrinth	1980
19810073660	The nervous apparatus of joints normally and under the effect of extreme factors: A book review	1980
19810073662	Motion sickness	1980
19810073664	Use of elastography for the evaluation of rheologic properties of human soft tissues of the extremities in the norm and in peripheral lymph circulation disorder	1980
19810073665	The 175-day space flight. Some results of medical research	1980
19810073669	Effect of angular orientation on subjective assessment of physical and semantic identity of random forms. Report 1: Differentiation of random figures	1980
19810073670	System approach to the problem Man and Prolonged Spaceflight	1980
19810073671	Requirements document for the EODLS Image Analysis Stations	1980
19810073672	Interactive system for scientific analysis of information for the TR-2 experiment (ISNA-TR-2)	1980
19810073673	Software for experiments on interferometers with a super long base	1980
19810073675	Features of the effect of focused megahertz range ultrasound on the otic labyrinth structure during the emergence of audiotory sensations	1980
19810073676	Space shuttle payload bay acoustics prediction study. Volume 5: Verification of analytical model (without payload) and overview of study	1980
19810073677	Inelastic transitions in molecules during collisions	1980
19810073678	Exemplary model of the eye-telescope system in the detection of manned spacecraft on a star background	1980
19810073679	Study of certain characteristics of the beam plasma discharge in the "ARAKS" experiment	1980
19810073680	Three-dimensional quasi-linear relaxation of an electron beam in plasma	1980
19810073681	Injection of an electron beam into a plasma half space: Numerical simulation of the steady state process	1980
19810073682	Control of the composition of homogeneous monocrystals of binary solid solutions in growth from a melt	1980
19810073684	Dialog system of the Institute of Space Research, Academy of Sciences, USSR	1980
19810073685	Twelfth all-union conference on galactic and Extra-Galactic Radioastronomy. Abstract of reports	1980
19810073686	Spatial correlation of extragalactic sources, variable in the decimeter range, with interstellar structures: Loops, spurs and ridges	1980
19810073687	Certain algorithms for calculating the reference geophysical information along the orbits of circumterrestrial satellites	1980
19810073688	Solar synchronous and multiple orbits	1980
19810073689	The distribution of molecules in the neighborhoods of young B stars	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810073690	Chemical composition of comet nuclei	1980
19810073691	Research in aeronomy	1980
19810073714	Qualitative study of the appearance of nitrogen fog in the cryogenic wind tunnel at T ² induction	1980
19810073717	System of programs for numerical intergration of the motion of interplanetary spacecraft and planets (Spid)	1980
19810073718	Study of the mutual location of the orbit of a high-apogee satellite and the Earth's magnetopause, bowshock and shadow by machine graphics	1980
19810073741	Determination of transport coefficients of nitrogen to 13,000 degrees K	1980
19810073746	The 1980 JANNAF Structures and Mechanical Behavior Subcommittee Meeting	1980
19810073747	Observations on the linear cumulative damage concept	1980
19810073748	Combined effects of overload and cummlative damage on service life	1980
19810073749	Application of uniaxial tensile data in predicting crack growth behavior	1980
19810073750	Measurement of bulk modulus	1980
19810073751	Damage effects on ultimate properties	1980
19810073752	Induced anisotropy of polymer solids resulting from large deformation	1980
19810073753	A combined stress-temperature dependent shift function for solid propellants	1980
19810073754	A new shear dilatometer for characterization of filled polymers	1980
19810073755	Effect of damage on crack initiation of composite propellants	1980
19810073756	On a simple rate-independent model for damage	1980
19810073757	Considerations with a new nonlinear constitutive theory	1980
19810073758	A nonlinear constitutive law for high elongation propellant	1980
19810073759	Nonlinear viscoelastic characterization of a composite case material at operational temperatures	1980
19810073760	Thermal-mechanical coupling in solid propellants	1980
19810073761	Thermoviscoelastic stress computations during thermal cycling	1980
19810073762	Viscoelastic fracture of solid propellants under thermal loading conditions	1980
19810073763	Surface energy fracture analysis using thermal mechanical coupling	1980
19810073764	Crack growth initiation and propagation in inertly pressurized and in fired subscale solid rocket motors	1980
19810073765	Reliability analysis of solid rockets subjected to random vibratory loads	1980
19810073766	Data acquisition system with acoustic profilography capability	1980
19810073767	Toes and other ends	1980
19810073768	A mathematical model for propellant soft layer formation	1980
19810073769	Characterization and aging evaluation of high elongation NEPE propellants	1980
19810073770	Long range service life predictions for thermal cycling	1980
19810073771	Probabilistic environmental model for sidewinder rocket life prediction	1980
19810073772	Results of service life testing on RS Maverick	1980
19810073773	Probabilistic analysis of rocket motors with internal gas generation	1980
19810073774	Problems of stress and strain measurement in full scale motors	1980
19810073775	In-situ stress transducer application considerations	1980
19810073776	Embedded stress transducer design and fabrication features	1980
19810073777	Measurement of the radial bond stress during dynamic pressurization of a cylindrical propellant grain	1980
19810073786	Investigation of television transmission using adaptive delta modulation principles	1980
19810073788	USSR Space Life Sciences Digest. A Quarterly Review, volume 1, number 1	1980
19810073791	Concerning an arc between ZrD electrodes which is ignited in a vacuum	1980
19810073792	Detection of millimeter radiation with superconductor, normal metal microcontacts	1980
19810073793	Theoretical and experimental study of millimeter-range frequency doubler	1980
19810073799	Evaluation of informational characteristics of space photo survey materials and equipment	1980
19810073806	Utilization of space photogeological maps for prognosis of mining deposits	1980
19810073807	Use of SHF: Radiometry (scanning) to investigate water surfaces (review)	1980
19810073809	Development and use of aerospace studies of natural phenomena and resources in Siberia and the far East	1980
19810073811	The state and tendencies of fuel cell research	1980
19810073816	Research in aeronomy	1980
19810073817	Measurement of pressure and atmosphere temperature lidar differential absorption: Influence of the lasar emission width	1980
19810073819	Mechanism of Action of Sodium Chloride-Sulfate Mineral Waters during Experimental Hypodynamia	1980
19810073823	USSR Space Life Sciences Digest. A Quarterly Review, volume 1, number 2	1980
19810073827	A suboptimal decision rule with a dynamic criterion	1980
19810073828	Fine and superfine structure of molecular spectra	1980
19810073831	T-x-y-diagram of the system Pb-Sn-Te end the growth of crystals (Pb(1-x)Sn)(1-y)Te(y) from a melt	1980
19810073832	Physical and chemical study of the diagram of state of the Pb-Sn-Te system and the conditions to produce (Pb(1-x)Sn(x)(1-y)Te(y) crystals	1980
19810073833	Study of the rate of growth of the epitaxial layer by the method of thermoelectric recrystallization	1980
19810073836	Observation of optical and ultraviolet lines of interstellar molecules	1980
19810073837	Molecules in stellar envelopes	1980
19810073838	Interstellar molecule lines accessible to observation in the transparency window of the atmosphere, lambda = 0.35 mm	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810073839	Association between gas in spheroid galaxies and activity of their nuclei (one characteristic of radio galaxies)	1980
19810073842	Military airplanes of capitalist countries of the west: The one called the Harrier	1980
19810073862	Scientific notes of TsAGI, volume 10, no. 3, 1979	1980
19810073863	Determining the integral characteristics of nozzles during the flow in them of perfect gas	1980
19810073864	Hysteresis of aerodynamic characteristics	1980
19810073865	Similarity of the aerodynamic characteristics of delta wings at supersonic speeds	1980
19810073866	Sonic boom from the bodies of three-dimensional/space configuration, surrounded by flow with flow high supersonic speeds	1980
19810073867	Reaction of the highly underexpanded supersonic stream with concurrent supersonic and hypersonic flow	1980
19810073868	Steady laminar flow of viscous incompressible fluid along the flat/plane finned surface in the presence of uniform suction	1980
19810073869	Optimization of elastic system by several cases of loading by the method of the product of the functionals of potential energy	1980
19810073870	Procedure of determining the stationary aerodynamic characteristics of longitudinal movement of a free elastic aircraft	1980
19810073871	Approximation formulas for the elliptical integrals of the third kind	1980
19810073872	Induced drag and lift-drag ratio of the sweptback wings at supersonic speeds	1980
19810073873	Numerical investigation of the reaction of supersonic stream with cylindroconical barrier/obstacle	1980
19810073874	Process of the filling of capacity with high-pressure gas	1980
19810073875	Numerical study of some peculiarities of flow in a shock pipe of varying section	1980
19810073876	Numerical calculation of the supersonic profiled pyramidal nozzles (axisymmetric flow)	1980
19810073877	Shortening time and increase in the accuracy of the determination of the coefficient of pulse of supersonic nozzles during calculations by numerical methods	1980
19810073878	Empirical mathematical model of the compressor of wind tunnel	1980
19810073879	Application of entropy correlation to calculation of supercooling flow in the cryogenic tubes	1980
19810073880	Improvement in the convergence of the method of polynomials in calculations of low-aspect-ratio wings	1980
19810073881	Method of the account of symmetry with the solution of the problems of the theory of elasticity by the method of finite elements	1980
19810073882	Algorithm of the liberation/isolation of complete cycles	1980
19810073883	TsAGI scientific notes	1980
19810073884	Analytical investigation of nonlinear characteristics of rectangular low-aspect-ratio wing	1980
19810073885	The problem of the induction of the penetrated walls of wind-tunnel test section of low speeds	1980
19810073886	Approximation method of determining the matched impedance of profile in the presence of local supersonic zone	1980
19810073887	Calculation of the field of supersonic flow with vortices behind a thin rectangular wing	1980
19810073888	Thermal boundary layer in a tapered flat channel	1980
19810073889	Experimental investigation of local heat emission in a laminar boundary layer at supersonic speeds	1980
19810073890	Experimental study of turbulent boundary layer on a body of revolution with number M=4	1980
19810073891	Rotational relaxation in a spherically expanding flow of viscous gas	1980
19810073892	Boundary layer calculation on a triangular plate under conditions of a highly viscous interaction	1980
19810073893	Absorption of entrophy layer by viscous layer	1980
19810073894	Three-dimensional flow around plate of hypersonic low density flow	1980
19810073895	Thermodynamics of a mixture of a liquid and a gas highly soluble in it	1980
19810073896	Minimization of the weight of a wing with limitation on the speed of divergence	1980
19810073897	Application of splines to the numerical solution of nonlinear problems with high gradients of functions	1980
19810073898	Pulse and circulation of vortex rings	1980
19810073899	Calculation of the coefficient of secondary losses in a stage of axial-flow compressor	1980
19810073900	Calculation of the temperature of the freezing of vibrational degrees of freedom during the course of gas in the nozzles	1980
19810073901	Heat transfer in slow gas flows	1980
19810073902	Approximate estimate of the minimum quantity and optimum location of airfields for landing of maneuvering hypersonic flight vehicles	1980
19810073903	Approximate method of evaluating the ablation heat shield of a space vehicle in a process of its ablation in the atmosphere	1980
19810073947	YAV-8B electric load analysis. Revision A	1980
19810073949	MI-6A helicopter	1980
19810073950	Multilayer plastic transparencies for the F/FB-111 aircraft. Part 1: Development test and evaluation of Bird Impact Resistant Transparencies (BIRT)	1980
19810073951	Navy evaluation of Grumman Aerospace Corporation proposed modifications to the F-14A airplane	1980
19810073952	Statistical presentation of landing parameters for models A-6E, F-4J, F-14A and E-2C aircraft at Nalf Fentress, Chesap eake, Virginia (survey 37)	1980
19810074000	Innovative Strategic Aircraft Design Study (ISADC) phase 3 (U)	1980
19810074012	The origins of the cruise missile: A case study in technological innovation (U)	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810074017	E-3A Airborne Warning And Control System (AWACS) follow-on operational test and evaluation (FOT/E). Phase 2, volume 1 (U)	1980
19810074020	Bomber and tanker problems limit the strategic air commands ability to perform its missions (U)	1980
19810074084	OH-58C avionics fix-it program	1980
19810074092	Effect of compression process in air scoop on specific thrust characteristics of Ramjet engines for hypersonic flight	1980
19810074093	Theory of turbofan engines	1980
19810074101	Aeronautical systems technology needs flight systems (U)	1980
19810074103	F6 FSD arresting system evaluation	1980
19810074104	Overview concerning existing test installations in industry, research, and institutions for higher education	1980
19810074105	Wall corrections in a transonic wind tunnel equivalent porosity	1980
19810074110	Equipped for the distant path	1980
19810074126	Aerodynamic analysis of body slot effects on the COPPERHEAD projectile	1980
19810074127	Computer simulation of target detection in a missile guidance system	1980
19810074128	Static-stability test of a miniature system missile configuration at Mach numbers 2.25 to 4.0	1980
19810074129	Contemporary problems and outlooks of satellite geodesy	1980
19810074183	AIM-9L FOT/E, Phase 2 (U)	1980
19810074195	AIM-9L FOT and E, phase 2: Annex A thru K (U)	1980
19810074207	GBU-15(V)/B Cruciform Wing Weapon (CWN) IOT and E (U)	1980
19810074208	Product improvement verification test of phase 1 improved Hawk product improvements (ICWAR transmitter, IPARDMTI, ATDL and inboard multichannel communications system product improvement program initial production kits) (U)	1980
19810074233	Low altitude supersonic ACSM antiarmor mission capability (U)	1980
19810074287	Ramjet design handbook	1980
19810074308	TRI-service rocket motor trade-off study: Missile designers rocket motor handbook	1980
19810074309	TRI-service rocket motor trade-off study: Computer program users manual	1980
19810074310	Evaluation of injection molded columbium rocket engine component	1980
19810074314	Nozzleless advanced tactical rocket motor (U)	1980
19810074315	Small impulse bit ACS engine. Volume 1A: MIB ACS engine development (U)	1980
19810074328	USSR report. Materials science and metallurgy	1980
19810074329	Alloys for atomic energy	1980
19810074330	Corundum ceramics reinforced with filamentary crystals of mullite	1980
19810074331	Two stages in the process of cleavage failure	1980
19810074332	Diffusion mechanisms of variation of the absorptivity of metals during laser heating in the air	1980
19810074333	The effect of edge stresses on the failure of (0 deg, 45 deg, 90 deg) CFRP laminates	1980
19810074345	On the transport system	1980
19810074349	Magnesium alloys with yttrium (selected chapters)	1980
19810074350	Hot-rolled carbon steel sheets, low-alloyed and alloyed for boilers and pressure vessels	1980
19810074355	Powder metallurgy of steels and alloys (selected chapters)	1980
19810074421	USSR Report: Electronics and electrical engineering	1980
19810074422	Statistical characteristics of adaptive antenna systems maximizing signal to noise ratio	1980
19810074423	Acoustic-optical processing of space-time signals in the Fresnel zone	1980
19810074424	Influence that a coherent-optics processor has on the diagram forming properties of radio-optical antenna arrays	1980
19810074425	Parallel pencil beam reception of radio radiation using conformal antenna arrays with coherent optical processing	1980
19810074426	The burring of the mean diffraction pattern in the focal plane of a receiving lens due to rain in a turbulent atmosphere	1980
19810074427	Investigation of ionospheric inhomogeneities	1980
19810074428	Formation of broad homogeneous electron streams	1980
19810074429	Radio band self-excited oscillator with stochastic behavior	1980
19810074430	The influence of the thermophysical properties of a target on vaporization with the action of laser radiation	1980
19810074431	On spatial fluctuations of strength of radar signal reflected by sea surface	1980
19810074436	Quantum statistics of the photocurrent of optimal detectors of light radiation under conditions of atmospheric viewing	1980
19810074440	Theory of cavities with wavefront reversing mirrors	1980
19810074441	USSR report: Physics and mathematics. Quantum electronics	1980
19810074442	Method of phase conjugation in the problem of compensating the thermal blooming of light beams	1980
19810074443	Image of a diffuse object in a randomly inhomogeneous medium with amplitude distortions	1980
19810074444	XeCl and Xe F lasers with combined pumping	1980
19810074445	Measurement of the distribution of the intensity of laser radiation by means of Bragg optical diffraction	1980
19810074446	Equilibrium chemical composition of gases in a sealed high-pressure CO2 pulsed laser	1980
19810074447	Feasibility of improving the efficiency of sealed carbon monoxide lasers	1980
19810074448	Employment of a transverse microwave discharge for the purpose of creating a small economical He-Ne laser	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810074449	Features of the laser heating of oxidizable metals in air with oblique incidence of the radiation	1980
19810074450	Limit-power characteristics of a neodymium glass laser in the high pulse repetition rate mode	1980
19810074451	USSR report: Electronics and electrical engineering	1980
19810074452	Certain features of designing type ADE antenna exciters	1980
19810074453	Improving the decoupling between antennas located on a convex object	1980
19810074454	Optical band dielectric waveguides based on organosilicon compounds	1980
19810074455	The active cancellation of electromagnetic waves	1980
19810074456	Determination of the moisture content of a cloudless atmosphere from measurements of outgoing microwave radiation from on board an aircraft	1980
19810074457	Some features of the ray trajectory in the propagation of radio waves in an irregular ionospheric waveguide	1980
19810074458	The measurement of the coordinates of a point object observed through a turbulent atmosphere	1980
19810074459	Plane radiometers made with semiconductor devices	1980
19810074460	Assurance of linearity of conversion in developing large-scale hybrid integrated circuits of a precision analog-digital converter	1980
19810074461	Superregenerative detector	1980
19810074462	Optimizing digital coherent weighted processing of radar signals	1980
19810074463	Radar with adaptive tuning	1980
19810074464	Using palladium to reduce the reverse current restoration time of pulse diodes	1980
19810074473	Linear structures of multichannel electrical communication (selected pages)	1980
19810074474	Mutual effect of linear vibrator antennas	1980
19810074476	Radomes of flight vehicles	1980
19810074517	Product improvement test of airborne surveillance radar AN/APS-94F (U)	1980
19810074536	Advanced shorads study (U)	1980
19810074560	Multisource data integration for real-time aircraft identification (U)	1980
19810074562	F-15 radar cross section measurements (U)	1980
19810074564	F-16 FSD Radar and REO systems evaluation (U)	1980
19810074565	Wide band amplifier (U)	1980
19810074573	Passive ranging study(U)	1980
19810074574	Tactical radar technology study, revision (U)	1980
19810074584	The Flexible Interrogation-Reply (FIR) concept (U)	1980
19810074585	Integrated radar/passive detection element/identification friend or foe subsystem for long range airborne ASW system Iorass Maritime Patrol Aircraft-MPA, volume 3 (U)	1980
19810074589	Unattended radar communications design (U)	1980
19810074593	Distributed spaceborne radar study. Volume 3. Optical data link/locator design and experiment (U)	1980
19810074599	High-energy pulse applications feasibility study (U)	1980
19810074601	Distributed spaceborne radar study. Volume 2. Spacecraft (U)	1980
19810074673	Low-inductance universal capacitor module	1980
19810074690	Compensating laser gyroscope	1980
19810074694	High-power lasers and their application	1980
19810074697	Laser thermonuclear targets	1980
19810074726	Army laser weapon technology assessment. Volume 2: Applications and effectiveness assessment (U)	1980
19810074728	Army Laser Weapon Technology Assessment. Volume 3: Technology Assessment (U)	1980
19810074771	Ceramic gas turbine engine demonstration program	1980
19810074775	Automation of interpretation of results of X-ray monitoring of wholeness of reinforced articles	1980
19810074777	USSR Report: Meteorology and Hydrology, no. 5, May 1980	1980
19810074778	Multivariate objective analysis of meteorological fields	1980
19810074779	Possibility of remote sensing of the relative heights of the principal isobaric surfaces	1980
19810074780	Method for determining the ice-forming activity in a diffusion chamber	1980
19810074781	Results of computation of diurnal temperature variation during cloudless weather	1980
19810074782	Influence of a large city on air temperature	1980
19810074783	Distribution of some minor impurities in the tropical zone of the Atlantic Ocean	1980
19810074784	Propagation of a monsoon over east Asia and the degree of its stability	1980
19810074785	Variability of the temperature field in the equatorial Atlantic	1980
19810074786	Method for determining the density of packing of drifting ice using satellite data	1980
19810074787	Frequency of observations for computing the period of recurrence of wind velocity exceeding a stipulated level	1980
19810074788	Measurement of integral humidity by an optical method	1980
19810074789	Identification of meteorological summaries	1980
19810074790	Clearing of warm fogs using artificial heat sources	1980
19810074803	USSR report. Energy	1980
19810074804	Proposed joint use of hydroelectric and pumped-storage electric power stations	1980
19810074805	Methods of fuel-energy conservation examined	1980
19810074806	Parameters of stabilized electron beams in the upper atmosphere	1980
19810074820	The electronic computer YeS-1022	1980
19810074824	Raising the accuracy of solutions of difference systems. Selected pages	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810074843	TADS/IRIS Performance considerations for an Army heliborne fire and forget antitank weapon system (U)	1980
19810074860	Optical sensor performance program (U)	1980
19810074861	Technology for large deployable optics (U)	1980
19810074901	USSR Report. Engineering and equipment	1980
19810074902	Influence of vibrations on visual resolution and identification of objects of complex form	1980
19810074904	Production, structure and properties of Nb-, Mo-, W- and Ru- doped VO2 sub 2	1980
19810074906	Work of monocrystals	1980
19810074909	Planning on a new level	1980
19810074915	Research and development programs at the John Hopkins University Applied Physics Laboratory (U)	1980
19810074921	A highway for intercomputer communication	1980
19810074934	USSR report: Electronics and electrical engineering	1980
19810074935	New possibilities in the optimization of the characteristics of antenna arrays	1980
19810074936	Estimate of the pointing accuracy of a telescope in an azimuthal mount	1980
19810074937	Digital computer simulation of a nonlinear tracking filter during measurement of poisson processes	1980
19810074938	On selection of materials for multichannel acoustooptical processors	1980
19810074939	High-voltage axially symmetric electron-optical system with centrifugal electrostatic formation and deep retardation of electrons	1980
19810074940	West Europe Report: Science and technology	1980
19810074941	Engineers develop new rectilinear auto engine	1980
19810074942	Minister discusses Italy's space program, role in ESA	1980
19810074943	Industry pushes research on electric car, support system	1980
19810074944	New Alfa Romeo aircraft engine successfully tested	1980
19810074945	Swedish firms increase space technology capabilities	1980
19810074946	Orders of Lenin are awarded to Moscow Aviation Institute	1980
19810074947	Lets hear it for the crackpots	1980
19810074949	Aerodynamic characteristics of a 1/9-scale AFTI-16 force model with external stores at Mach nos. from 0.60 to 1.50	1980
19810074950	FAA systems and domestic air safety	1980
19810074952	Amphibious navstar Global Positioning System (GPS) test results	1980
19810074954	Test and evaluation of changes to the production AN/ASN-123 TACNAV system software, phase 1	1980
19810074959	Helicopter-mounted smoke launcher investigation	1980
19810074960	Vulnerability of helicopter structure to the Smokey Sam simulator	1980
19810074962	Review of the large scale blast trials against helicopters	1980
19810074964	The aerodynamics and flight dynamics of turbojet aircraft. Third edition, revised and expanded	1980
19810074965	Operational test and evaluation, C-5 landing gear Fault Reporting Method/Fault Isolation Manual (FRM/FIM)	1980
19810074966	Evaluation of the compatibility of the BQM-74 Target Drone with the A-4 and A-6 airplanes	1980
19810074967	Evaluation of the AGM-37 a target compatibility with the A-6E airplane	1980
19810074968	C-2A in-flight refueling feasibility study	1980
19810074969	Accelerated service test of the propulsion and drive train system in the AH-1T helicopter	1980
19810074970	Statistical review of counting accelerometer data for Navy and Marine fleet aircraft, revised	1980
19810074971	The aerodynamic characteristics and store and store-ejector rack loads of the 1/20-scale F-16 aircraft model configured with several external store loadings	1980
19810074977	Innovative strategic aircraft design study (U)	1980
19810074987	CRT assembly utilizing intagliated method of phosphor screen fabrication	1980
19810074989	Operational test and evaluation C-5 engine inlet antiicing ducts	1980
19810074993	We have begun to execute the program	1980
19810074994	Structure of space measuring systems	1980
19810074995	West Europe Report: Science and technology	1980
19810074996	Plans for Ariane program in 1980's outlined	1980
19810074997	Preparation support facilities for Ariane program	1980
19810074998	Launching facilities for Ariane	1980
19810074999	Feasibility, costs of coal gasification, liquefaction	1980
19810075000	It is very beautiful here	1980
19810075009	Engineering design of the guided ballistic missiles with solid propellant rocket engine (selected pages)	1980
19810075011	Electro-optical missile seeker diagnostics: Seekers, backgrounds, and their interaction	1980
19810075012	Test loading patriot missile system on C-141 aircraft	1980
19810075015	Captive: Five in guided projectile test instrumentation system	1980
19810075026	Space shuttle project documentation baseline index and report	1980
19810075093	Recession behavior of carbon-carbon rocket nozzle materials	1980
19810075098	Ferrites and their compounds with metals and ceramics	1980
19810075099	Carbon-graphite materials, selected chapters	1980
19810075100	Evaluation of carbon fiber decontamination techniques	1980
19810075101	An evaluation of low level contamination effects from airborne conductive fibers	1980
19810075103	Composites production integration	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075104	Burn/blast tests of thin graphite composite plates	1980
19810075106	Effect of parameters on the combustion rates of homogeneous solid rocket fuel	1980
19810075107	Experimental research of the electrical conductivity of the end products of liquid fuel combustion	1980
19810075110	Construction and heat resistant materials for new technology	1980
19810075114	The effect of high temperatures on the fatigue limit of heat-resistant steels and alloys	1980
19810075115	Aluminum: The vital strategic metal	1980
19810075119	Polymeric protective coatings requirements for radiation resistance tests	1980
19810075120	The 1980 Jannaf Propulsion Meeting, volume 1	1980
19810075121	Glycidyl azide polymer-propellant development	1980
19810075122	Rocket motor simulation of aircraft infrared exhaust plume	1980
19810075123	Comparison and verification of failure analysis predictive methods for solid rocket motors	1980
19810075124	A status assessment of the prototype age life program	1980
19810075125	Low temperature structural response of XLDB propellant in a tactical rocket motor	1980
19810075126	Measurement of the radial bond stress during dynamic pressurization of a cylindrical propellant grain	1980
19810075127	Propellant mechanical property optimization through the use of binder modifications	1980
19810075129	The 1980 Jannaf Propulsion Meeting, volume 4	1980
19810075130	Current and projected availability of amine fuels	1980
19810075131	Carbon-carbon ITE application to ANTARES 3	1980
19810075132	Increased payload at decreased cost (SRB using a composite case and HTPB propellant)	1980
19810075133	Flight design of an electrothermal hydrazine thruster	1980
19810075134	Monopropellant thruster performance augmentation heater development program	1980
19810075135	Formulation of high-performance monopropellants	1980
19810075136	Review and assessment of ground test contamination data from propulsion system exhaust products (U)	1980
19810075137	Development of the STAR 48 rocket motor for the STS payload assist module	1980
19810075138	Low thrust bipropellant engines for satellite propulsion applications	1980
19810075139	IUS nozzle and extendible exit cone development	1980
19810075140	Tailoring space propellants to reduce slag	1980
19810075141	The 100 LBF space engine evaluation	1980
19810075142	Solar rocket system concept analysis	1980
19810075143	Jet vane thrust vector control: A neglected technology with new horizons	1980
19810075144	Initiation of a program for gas-generator propellant development	1980
19810075145	A gas generator-operated torpedo recovery system.	1980
19810075146	Combined igniter/internal gas generator	1980
19810075147	Strip laminate case manufacturing technology	1980
19810075148	Low cost tactical motor technology integration	1980
19810075149	Modification of the Malemute sounding rocket for improved spin rate capability	1980
19810075150	Spinning Plug Nozzle (SPN) feasibility demonstration program	1980
19810075151	Crosslinking of nitrocellulose by metal compounds	1980
19810075152	Low cost hybrid rocket for tactical mini-missile	1980
19810075153	Liquid propulsion, the cost effective solution for advanced air to air missiles	1980
19810075154	Storable liquid propulsion performance under tactical field/conditions	1980
19810075155	Project bonfire: Fire hazard studies of the F-16 hydrazine EPU system	1980
19810075156	Copper compounds for high burn rate and low pressure exponent	1980
19810075157	The burn rate temperature sensitivity of aluminized and non-aluminized HTPB propellants	1980
19810075158	Hotter hydrostatic pressure forging metallic materials	1980
19810075159	Bases of the construction of casting forms for the thermoplasts	1980
19810075163	The effect of generation recombination processes on the propagation of strong electromagnetic waves in a bipolar semiconductor	1980
19810075164	Tactical antenna conceptual design and development	1980
19810075174	Physics of pulse pressures (selected articles)	1980
19810075175	All-union Symposium on the Pulse Pressures, 3	1980
19810075176	Solid state radar design	1980
19810075178	Procedure and device for obtaining coherent electromagnetic radiation	1980
19810075181	East Europe Report: Scientific affairs	1980
19810075182	Ferrite antenna for mabion satellite described	1980
19810075183	Development of 3rd generation MCP lightweight high performance and 0.9 micron low cost image intensifiers	1980
19810075184	Gallium arsenide photocathode, wafer and inverter type, Electron Bombarded Semiconductor Charge Coupled Device (EBS-CCD), low light level camera tubes	1980
19810075186	Solid state traveling wave tube driver	1980
19810075188	Relativistic high-frequency electronics materials of all-union seminar	1980
19810075195	F-18 generator system performance test, General Electric 30/40 KVA VSCF	1980
19810075196	Manufacturing Methods And Technology (MMAT) measure for fabrication of Low Noise Figure ion barrier Micro-Channel Plates (LNF/MCPS)	1980
19810075197	Electrophysical equipment, select articles	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075198	Qualification evaluation of the Gulton Industries, Incorporated, P/N EMIR164A, 250VA, single-phase, static inverter	1980
19810075199	Sprayers of liquids	1980
19810075200	Nonequilibrium and unsteady processes in gas dynamics of single phase and two phase media	1980
19810075201	High-speed photographic materials for astronomical purposes: Their processing in the laboratory and application for photometry	1980
19810075202	A technique for remotely determining the depth of an oceanographic device	1980
19810075205	Laser digest, fall 1979	1980
19810075206	Experimental and theoretical studies of N ₂ /CO ₂ mixing type gas dynamic lasers	1980
19810075207	Organic compounds as active laser media	1980
19810075208	Power engineering for directed energy weapons	1980
19810075209	Nonlinear effects of laser-irradiated smoke particles	1980
19810075211	A helium-cadmium hollow-cathode laser	1980
19810075220	Laser welding techniques for military vehicles, phase 2	1980
19810075224	Raster processing techniques, 2	1980
19810075225	Prospects for progress in the study of the earth's rotation by virtue of the development of space techniques	1980
19810075226	Models of stochastic processes for describing curves in photogrammetric digital plotting and in digitizing cartographic materials	1980
19810075227	Balloon altitude mosaic measurements, data report number 2	1980
19810075228	Balloon altitude mosaic measurements, data report number 3	1980
19810075230	Nickel-hydrogen battery advanced development program	1980
19810075231	USSR report. Energy	1980
19810075232	Aspects of hydrogen power, technology growth	1980
19810075233	Solar power stations contemplated	1980
19810075234	Power stations with MHD generators	1980
19810075235	Reliability testing procedures for power station equipment	1980
19810075236	Kislogub tidal power station described	1980
19810075237	Methods of testing power transformer reliability	1980
19810075239	Problems of monitoring and protection of the atmosphere from pollution: Selected articles	1980
19810075243	Relation between the accuracy of determining the position of an observation station and the type of orbital measurements	1980
19810075244	Geodetic application of very long baseline radio interferometry (VLBI)	1980
19810075245	Seasonal cloud amount and cloud-free line-of-sight data for the northern Arabian Sea, report 3 of the OCAMO project	1980
19810075246	Seasonal cloud amount and cloud-free line-of-sight data for the eastern Mediterranean, report number 4 of the OCAMO project	1980
19810075248	Processing satellite data on the ocean's surface temperature field based on the optimum interpolation method	1980
19810075249	Comparative study in rat liver cell culture of the metabolism of different analog and metabolites of a natural hepatocarcinogen, safrole	1980
19810075252	I like weightlessness	1980
19810075253	Human factors engineering at aircraft weapon systems mockup inspections	1980
19810075254	Lessons learned in the use of microcomputers in systems development	1980
19810075255	Time/distance calculator program: User's manual	1980
19810075259	Transactions of the third all-union conference on charged particle accelerators, 2-4 October 1972, volume 2	1980
19810075261	ANVIS image intensifier assembly ED program	1980
19810075262	Controlled hot gas/particle experiments for validation of a standardized infrared radiation model, experiment definition and proof of concept	1980
19810075263	Research & Development of Indium phosphide Gunn devices for operation at 60 GHz and 94 GHz	1980
19810075265	CDTE substrate development	1980
19810075277	AV-88 reliability and maintainability status report	1980
19810075278	AV-8C Reliability and maintainability predictions, revision letter A	1980
19810075296	The account of the effect of structural elasticity on the longitudinal short-period motion of aircraft	1980
19810075297	Approximation method of the calculation of subsonic compressible flows about carrying wing profile	1980
19810075307	Schlieren diagnostics of a hypersonic gas target neutron generator	1980
19810075309	Theoretical evaluation of the effect of end plates on lifting force of a low ratio wing in close proximity to the ground	1980
19810075310	A compilation and analysis of hypersonic turbulent flow field data for sharp and blunt conic and biconic bodies at zero angle of attack	1980
19810075311	Investigation of the effect of model size and attitude on tunnel wall static pressures at Mach numbers from 0.6 to 1.4	1980
19810075312	Transactions, number 41, highvelocity aerodynamics	1980
19810075313	Scientific transactions, investigating the optimum shapes and flow over bodies moving at high supersonic speed	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075315	The effect of a predictive wind shear chart on pilot landing performance	1980
19810075316	Qualification test reports for the navigational set, TACAN, AN/TRN-4, 1, first production unit	1980
19810075317	Operational evaluation of the AN/ARN-128 AWLS airborne part of MRAALS	1980
19810075318	Low-cost inertial guidance subsystem, book 1	1980
19810075319	Low-cost inertial guidance subsystem, book 4	1980
19810075320	HP-67 star sight planning/reduction for aerial celestial navigation	1980
19810075321	Standard medium accuracy inertial navigation system IOTE	1980
19810075322	Induced Directionally FM (IDFM) multiple emitter location techniques	1980
19810075323	YAV-8B. Wing stress analysis report. Volume 2, revision B	1980
19810075324	AV-8B performance substantiating data report	1980
19810075325	Cruise missile engine program contract data requirements list. Sequence number 95. Qualification test report volume 40. Hot day mission-related endurance testing on engine 403. XF107-WR101 Cruise Missile Engine	1980
19810075326	Tactical support aircraft of the 1990s: Conception and technical problems for U.S. Air Force	1980
19810075327	On the cross section of the lifting body	1980
19810075328	DT 2 independent evaluation report for the development test 2 of the modernized CH-47(YCH-47D)	1980
19810075331	Development and proof economical fabrication methods for airframe construction in airplanes	1980
19810075332	Performance and flying qualities evaluation of the B-52G cruise missile carrier aircraft	1980
19810075333	YC-141B phase 3, aerial delivery system evaluation, addendum 1	1980
19810075334	YC-141B phase 3, aerial delivery system evaluation	1980
19810075335	F-16A flameout landing evaluation	1980
19810075336	AGM-86 Air Launched Cruise Missile (ALCM) DT&E competitive test program, volume 4	1980
19810075337	AGM-86 air launched cruise missile (ALCMO) DT&E competitive test program, volume 6	1980
19810075338	AGM-109 Air Launched Cruise Missile (ALCM) DT&E competitive test program, volume 4	1980
19810075339	AGM-86 Air Launched Cruise Missile (ALCM) DT&E competitive test program, volume 2	1980
19810075340	Compact high performance aerial gun	1980
19810075341	Operational test and evaluation, revised C-130 dual rail lock settings	1980
19810075342	Fuel conservation in the IFR environment	1980
19810075343	Assessment of LDWSS/BELDWSS for use in RPV performance analysis	1980
19810075344	Evaluation of two inlet anti-icing configurations for the AGM-109 Air Launched Cruise Missile	1980
19810075347	Summary of the F107 Pre-phase 2 QT inlet distortion, stability, and mission simulation tests (engine S/Ns 315-7, 704-5 and 102-14)	1980
19810075348	Full-scale Tomahawk Sea Launched Cruise Missile (SLCM) aerodynamic test in the AEDC 16 ft transonic wind tunnel	1980
19810075353	A french-type sea gull or Polikarpov I-153 Chayka made by Heller	1980
19810075355	Air Launched Cruise Missile (ALCM) operational test and evaluation test plan, revised	1980
19810075357	Integrated circuit characteristics for future military avionics	1980
19810075361	Advanced Lightweight Fuel Delivery System (ALWFDS)	1980
19810075362	Evaluation of MS14169(AS) circular spline couplings and nonmetallic adapters for the T-2 C Bendix starter/generator	1980
19810075363	Variable area ejector performance and structural integrity investigation	1980
19810075367	Blackhawk and cobra synthetic flight training systems (SFTS), 27 February 1980	1980
19810075369	Have bounce phase 2 test results	1980
19810075370	Mark 7 MOD 3 arresting gear certification test procedure, revised	1980
19810075373	The military use of space, part 1	1980
19810075374	Soyuz T has returned back to Earth	1980
19810075375	Toward Zarya Salyut 6 Soyuz, our commentary	1980
19810075376	This is also a woman's profession, cosmonaut	1980
19810075377	Who's where in science	1980
19810075378	Orbital Institute	1980
19810075379	Development of a hypervelocity range/track capability for testing reentry materials	1980
19810075383	Low-cost inertial guidance subsystem, book 2	1980
19810075384	Low-cost inertial guidance subsystem, book 3	1980
19810075386	Satellites concern us all	1980
19810075387	SIAM Underwater Delivery Vehicle and launcher-baseline design report	1980
19810075389	Heating tests on a 0.125 scale MX missile shroud at Mach numbers 6 and 8	1980
19810075390	Aerodynamic characteristics of a O.2-scale miniature missile system at Mach numbers from 0.6 to 1.97	1980
19810075391	Thermal mapping test of a 5 percent scale MX missile at Mach numbers 6 and 8	1980
19810075392	Venera 13, Venera 14	1980
19810075394	Wind tunnel tests of full-scale models of the NASA orbiter/external tank umbilical door and cavity at Mach numbers from 0.60 to 1.15	1980
19810075395	Application of differential radio interferometry to precision TSP!	1980
19810075396	CONTAM data analysis and model improvement study (CONTAM 3). Review and assessment, volume 1: Ground test data	1980
19810075398	Plume visibility screening study, rocket plume visibility code. Users manual	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075400	Vibration testing of GOES/GMS 2 rocket motors AT-1 and AT-2	1980
19810075401	Advanced combustion/plume diagnostics	1980
19810075402	Evaluation of SIG-DT-22 propulsion and control system during static test	1980
19810075404	Chemistry of dicarbonyl compounds	1980
19810075405	Field repair of composite structural components	1980
19810075406	Low cost IR domes	1980
19810075407	Low cost composite fastener hole formation	1980
19810075408	Foreign naval developments in the use of glass reinforced plastics for structural application	1980
19810075409	Development test 2 of chemical agent resistant paint, radar radome phase	1980
19810075410	Fiber structures on the Mirage 2000 and Mirage 4000	1980
19810075412	Selective reinforcement of low-cost titanium components	1980
19810075416	New in the technology of tungsten and molybdenum	1980
19810075417	Problems of metallography of nonferrous alloys	1980
19810075418	Investigation of structural heterogeneity of sheets of molybdenum alloys and of their tendency to separate into layers	1980
19810075419	Toughness of the decomposition of structural steels	1980
19810075420	Effect of phase composition on mechanical properties of stainless steel of austenite ferrite class	1980
19810075421	The influence of phase composition of 15Kh18N12S4TYu stainless steel on the basic parameters of the rolling process	1980
19810075425	Counter to friction	1980
19810075426	Chemical stabilization of polymers	1980
19810075427	Investigation of the antifriction properties of plastics at high specific loads	1980
19810075428	Plastics	1980
19810075431	Thermodynamic and thermophysical properties of combustion products. Handbook (selected pages)	1980
19810075432	Zirconium/aluminum combustion	1980
19810075433	Mathematical models of explosive matter	1980
19810075434	F-106A JP-8 fuel cold weather evaluation	1980
19810075435	The NAPTHA based jet fuel (JP4) availability program	1980
19810075436	Storage of liquefied hydrocarbon gases	1980
19810075439	Calculation of constructions sunk into soil	1980
19810075440	Cryoregenerator heat capacity enhancement	1980
19810075442	USSR Report: Electronics and electrical engineering	1980
19810075443	Satellite communications ground station antennas	1980
19810075444	Review of the main works on the technology of professional cinematography completed in 1979	1980
19810075445	Satellite communications and broadcasting in the USSR	1980
19810075446	SM3-1 and SM3-2 magnetoresistors for electronic converters of angular and linear displacements	1980
19810075447	Microelectronic instrument-making technology: Thematic selection	1980
19810075448	Microelectronic hybrid-film technology in instrument-making	1980
19810075449	Resistor optrons	1980
19810075450	E-3A EMP dipole test. Volume 3. Results from coupling experiments, part 1	1980
19810075451	E-3A EMP dipole test, volume 4. Analysis and test results for deliberate antennas, part 1	1980
19810075452	E-3A EMP dipole test, volume 4. Analysis and test results for deliberate antennas, part 2	1980
19810075453	E-3A EMP dipole test. Volume 5: Test procedures and error analysis, part 1	1980
19810075454	Solid transmitter for unattended radar	1980
19810075456	Control of antennas with large-diameter reflectors	1980
19810075458	An interactive raster graphics terminal application for military information display	1980
19810075459	Independent evaluation report on the product improvement test of the side-looking airborne radar, digital data link AN/UPD-7	1980
19810075460	Digital stereo image processing study	1980
19810075461	A handbook on radioelectronic systems, chapter 9	1980
19810075463	On-aircraft antenna pattern prediction study	1980
19810075464	User's manual for arrays radiating in a complex environment with application to aircraft	1980
19810075465	Ultrahigh frequency engineering. School laboratory manual	1980
19810075466	Radar antennas	1980
19810075467	Aircraft antenna systems	1980
19810075468	RF/IF logic evaluation for radar	1980
19810075469	Tactical antenna conceptual design and development	1980
19810075471	Radar symposium 1979	1980
19810075472	EMP assessment handbook	1980
19810075474	Worldwide report. Telecommunications policy, research and development	1980
19810075475	Multiple signal transmission on Orbital System	1980
19810075476	Performance of a RF buncher and transport system	1980
19810075478	High efficiency UHF Klystron study	1980
19810075485	Design and technology of UHF film microcircuits	1980
19810075486	The effect of initial collector voltage on the turn-on time of an avalanche transistor	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075487	One-electron photoreceivers	1980
19810075488	Chemical-engineering equipment for microelectronics	1980
19810075489	Advanced electron device technology	1980
19810075492	The turbulent boundary layer on an elastic surface	1980
19810075494	Heat transfer, surface pressure and flow-field surveys on conic and biconic models with boundary layer trips at Mach no. 8	1980
19810075495	TsAGI scientific notes	1980
19810075497	Determining the displacements of structure elements by means of a holographic interferometry	1980
19810075499	QKLOOK Computer programs analyst and user manual	1980
19810075501	Spin-flex blower	1980
19810075504	Transient interactions of laser pulses with matter	1980
19810075509	Automated control system for the transportation process	1980
19810075511	Analysis of defects from models	1980
19810075512	Buckling experiments on shells: A review of recent developments	1980
19810075515	From experience in developing an automated cartographic system	1980
19810075516	Selecting the observation moments in solving astrogeodetic problems by the method of long-baseline radio interferometry	1980
19810075517	Investigations on the influence of signalized and artificial tie points on the accuracy of a block triangulation	1980
19810075518	Inertial surveying systems and their potentials for application in geodesy	1980
19810075520	Mathematical-statistical methods in cartography	1980
19810075522	Cartography and photogrammetry (selected articles)	1980
19810075523	Investigation of ice drift southeastern part of the Barents Sea with the aid of a Toros peripheral scanning radar station	1980
19810075525	Concentrated silicon solar cells, design principles. A prototype generator	1980
19810075526	USSR report: Energy	1980
19810075527	Compressed-air power storage researched	1980
19810075530	Atmospheric diffusion and air contamination	1980
19810075531	Development of metrological bases for creating a set of standard devices and higher precision equipment using absolute electrochemical methods for determining the microconcentration of gases for the metrological provision of gas analytical systems intended for monitoring atmospheric pollution	1980
19810075532	Against gases, heat and noise	1980
19810075534	The 1978 WSMR Atmospheric Transmission	1980
19810075536	Meteorological problems of the southern ocean	1980
19810075537	Meteorological damages in in Okinawa prefecture, typhoon damages	1980
19810075539	Studies in the field of meteorological measurement methodology	1980
19810075541	Structure of the axis of the growth of the oceanic bottom and laws governing its formation based on the example of rift zone of North Atlantic mega basin	1980
19810075542	State of a mineral component in the rat bone tissue during hypokenesia and the restorative period	1980
19810075543	R-Plasmids: Principles of classification, problems of their nature and origin	1980
19810075544	A new carrier of solid culture media for bacteriological diagnostics	1980
19810075547	Attempt to quantify the assault engendered by low frequency vibrations	1980
19810075548	Forecasting health in flight	1980
19810075549	Mechanism of self-cleaning of dust from the lungs	1980
19810075550	Through the weightlessness barrier	1980
19810075551	Studying fatigue under working conditions using a method which determines the stability of clear vision	1980
19810075552	Antenna listens to the heart	1980
19810075553	How do you feel	1980
19810075554	A medicine for cosmonauts	1980
19810075555	Rheography in a state of weightlessness	1980
19810075556	Adaptation of man in the polar regions of the Earth	1980
19810075558	Effect of the width of diffuse boundary between the object and background on the contrast sensitivity of eyesight	1980
19810075559	Physiological assessment of different protective suit assemblies quick donning type in a cold water environment	1980
19810075560	Initial Operational Test and Evaluation (IOT/E). HGU-40/P aircrew helmet (AO 300)	1980
19810075562	Side-actuated single-lens visor assembly (AO 260)	1980
19810075571	A relational data base. Can it work with your data base management system?	1980
19810075572	Cross-tie memory investigation for GFY78 design, fabrication, element functions, shift registers, testers, materials	1980
19810075573	Computing technology in the socialist countries. A collection of articles	1980
19810075574	Information computer center	1980
19810075576	A polynomial alogrithm in linear programming	1980
19810075577	Algorithms for onboard digital computers calculation of the speed and coordinates of a moving object	1980
19810075578	Manufacturing Methods and Technology (MM T) measure for fabrication of thin film aluminum oxide (Al ₂ O ₃) ion barrier 18-mm microchannel plates, appendix	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075580	Encounter with infrasound	1980
19810075581	Oceanographic interpolation of sound speed profiles	1980
19810075582	Theoretical studies of R.F. Acceleration Technology. Volume 2: Technical Appendices	1980
19810075586	Proof of principle auto-resonant accelerator experiment	1980
19810075587	Electron gun works in space: Electron beam technology for applying special coatings in space	1980
19810075588	Collective acceleration of ions by electron rings	1980
19810075589	Operational test 1 of low cost night vision goggles	1980
19810075590	An algorithm estimating the probability of detection for a scanning sensor such as the S-3 A FLIR	1980
19810075591	Contrast prediction validation	1980
19810075592	An AGA-680 thermovision calibration	1980
19810075594	Magnetically ordered materials in optical data processing units	1980
19810075595	The SGEMP boundary layer formed in air on in-flight missiles	1980
19810075596	High-speed CMOS/SOS technology	1980
19810075597	The development of thermoelectricity research in the USSR	1980
19810075599	Gigahertz, SOS technology	1980
19810075602	Development trends in the field of electromagnetic suspension systems for rapid transit systems	1980
19810075604	A few remarks from a specialized manufacturer on the construction of large astronomical telescopes	1980
19810075605	On determination of lunar heights with photographs taken from space	1980
19810075606	Report on an overseas visit to Canada and the United Kingdom on composite aircraft structures	1980
19810075607	West Europe report. Science and technology	1980
19810075608	European data banks linked in EURONET	1980
19810075609	Present status, prospects of spacelab program	1980
19810075613	Introduction of the unified system for the technological preparation of production at the S. Ordzhonikidze aviation plant	1980
19810075639	A review of methods for predicting viscous effects on aerofoils and wings at transonic speeds	1980
19810075640	A review of experimental work on the aerodynamics of integrated slender wings for supersonic flight	1980
19810075641	A theory of the separated flow past a slender elliptic cone at incidence	1980
19810075645	Theoretical and experimental investigations of hypersonic flows with streamlining and in wakes	1980
19810075646	Vortex shedding studies	1980
19810075649	Multi-place life raft rigid cabin container (AO 137)	1980
19810075650	Rocket catapult mark Mark 18 MOD O 1979 surveillance evaluation	1980
19810075651	Rocket-Assisted Personnel Ejection catapult (RAPEC) Mark 1 Mod 1 surveillance evaluation	1980
19810075652	Alternatives to controlled visual flight rules	1980
19810075654	Strapdown tactical inertial guidance system flight test	1980
19810075655	Evaluation of the LTN-211 Omega/VLF system in P-3B MOD aircraft	1980
19810075656	Operational test and evaluation, Visual Approach Path Indicator (VAPI)	1980
19810075658	A review of some topics of UK research on helicopters	1980
19810075659	Model scale evaluation of the centrifugal pendulum vibration absorber for helicopter rotors	1980
19810075662	AGM-109 Air Launched Cruise Missile (ALCM), DT and E competitive test program, vol. 1	1980
19810075663	AGM-109 Air Launched Cruise Missile (ALCM) DT and E competitive test program, volume 2	1980
19810075664	Evaluation of the compatibility of the MK-20 Rockeye weapon with the P-3 airplane	1980
19810075665	Proposed solutions to technical problems encountered in the xc-ba air cushion landing system development program	1980
19810075666	The C-141 paint inspection program, a case study of an analytical approach to aircraft paint scheduling	1980
19810075667	YC-141B Phase 3 performance and flying qualities test results	1980
19810075668	YC-141B phase 3 performance and flying qualities test results. Appendix F: Supporting data	1980
19810075669	Production Validation Test-Government (PVT-G) (artic winter and Northern CONUS winter) of UH-60A helicopter (Black Hawk)	1980
19810075671	Aircraft fuel tank responses to high velocity cubical fragments	1980
19810075672	A computer model for evaluating terrain shielding of helicopter flight paths from ground weapons. Report 1: Exposure of a hovering helicopter to ground weapons of unspecified location	1980
19810075673	F-16 linear ammunition feed system study	1980
19810075674	A computerized model of remotely piloted vehicle flight for intelligence gathering	1980
19810075675	Evolution of survivability technology of combat aircraft from World War 2 to the present	1980
19810075676	A-10A flying qualities air force developmental test and evaluation. Addendum 2: An evaluation of asymmetric maneuvers at near stall image angle of attack	1980
19810075677	Formulation of STOL fighter configurations	1980
19810075678	AV-88 sonic fatigue analysis report	1980
19810075679	AV-88 reliability and maintainability equipment test plan	1980
19810075680	AV-88 reliability and maintainability predictions	1980
19810075681	Parent carriage test of the MK-20 Rockeye on the F-16 aircraft	1980
19810075682	Prototype qualification test-government of extended range kit for UH-60A Black Hawk helicopter	1980
19810075683	The limits of the damage tolerance concept in combat aircraft	1980
19810075684	Bibliography of joint aircraft survivability/vulnerability reports and related documents	1980
19810075685	CH-47D, medium lift helicopter, OT2	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075686	Independent evaluation of the CH-47 modernization program	1980
19810075687	Forward swept wing technology, second assessment	1980
19810075689	A simulator assessment of a visually coupled helmet-mounted display for night low level operations	1980
19810075692	Engineering evaluation of the aerospace avionics, incorporated, p/n 705250, 250 VA, single-phase, static inverter	1980
19810075693	Airborne power unit-CW phase 2 design analysis. Volume 1: Basic data, part 1	1980
19810075694	Airborne power unit-CW phase 2 design analysis. Volume 1: Basic data, part 2	1980
19810075696	Technical diagnostics of aircraft gas turbine engines	1980
19810075697	Vectored jet propulsion nozzles	1980
19810075698	Turbofan, engine nonrecoverable stall study. Part 1 F101-ge-100 engine preliminary tests	1980
19810075699	Investigation of a high-through-flow, single-stage axial-flow compressor with casing vortex generator Configuration 'B' (Configuration 1B)	1980
19810075700	Advanced Diagnostic Engine Monitoring System ADEMS 2. Volume 1: System design, development and tests	1980
19810075701	Advanced Diagnostic Engine Monitoring System ADEM 2. Volume 2: Appendices A through J	1980
19810075707	Repair of directionally solidified airfoil components	1980
19810075710	Analysis of helicopter turbine engine adjustment programs	1980
19810075711	Thermal state of structural elements of aircraft engines	1980
19810075712	Turboshaft engine booster stage demonstration	1980
19810075713	Manufacturing methods for low cost turbine engine components of cast superalloys	1980
19810075714	Excentric (trademark) turbine engine program. Phase 2: HP spool design	1980
19810075716	Compound cycle turbofan engine. Task 2. Preliminary design report	1980
19810075717	An experimental and theoretical study of nonlinear flutter	1980
19810075718	Integrated Avionics Control System (IACS) customer test	1980
19810075721	Qualification verification of TEMPO instrument aircraft external power monitor p/n 94152-4	1980
19810075722	Electronic networks for sampling and merging of sixteen measurements channels	1980
19810075724	Aviation and cosmonautics (selected articles)	1980
19810075725	World-wide day of aviation and cosmonautics	1980
19810075726	Advances of space technology: Assessment of results of joint materials science experiments on Salyut-g	1980
19810075729	Physics of weightlessness and space industry	1980
19810075730	Variations in the orbits of artificial satellites	1980
19810075731	Realization of an inertial system for numerical integration of satellite orbits	1980
19810075732	Satellite control system-laser crosslink study	1980
19810075734	Satellite Control Satellite (SCS). Volume 2: Orbit constellation and coverage analysis	1980
19810075736	Satellite Control Satellite (SCS). Volume 3A: Unmodified and modified tracking and data relay satellites for SCS application	1980
19810075742	Satellite Control Satellite (SCS). Volume 9: Transition plan	1980
19810075743	Defense Satellite Communications System III (DSCS III), lease or buy	1980
19810075744	Patriot air defense missile system cost and training effectiveness analysis. Volume 4: Update	1980
19810075745	Mathematical models for guidance and control processing improved TOW missile	1980
19810075746	Mathematical models for guidance and control processing improved TOW missile, revised	1980
19810075748	Free-flight drag measurements for a Sandia advanced Interim Recovery System (IRS) missile configuration. Part 2	1980
19810075749	Airframe-propulsion integration for air breathing missiles	1980
19810075750	Fragment environment modeling for STS launch accidents	1980
19810075751	Demonstration of a full-scale carbon-carbon nested cone EEC	1980
19810075753	Random probability techniques for rocket motor service life prediction analysis, part 2	1980
19810075754	Assault breaker flight test technology demonstration	1980
19810075755	Development test (EDT-G), phase 1B for 2.75 inch rockets S/XM 261 multipurpose submunition MPSM warhead	1980
19810075756	Amorphous magnetic materials	1980
19810075757	A competitor for the diamond	1980
19810075758	Development of elevated temperature basic design data for graphite aluminum composites	1980
19810075761	Ablative radome development and design	1980
19810075762	Investigation of joining concepts for graphite fiber reinforced aluminum composites	1980
19810075764	Rain erosion resistant AR coating for ZnS windows	1980
19810075766	The effect of changes in relative humidity on the electrical and structural characteristics of aerosols	1980
19810075769	Effect of electro slag refining upon the mechanical properties of 300M steel	1980
19810075770	Initial results of testing the influence of sea atmosphere on certain metals	1980
19810075771	Magnesium alloys 2. A handbook. The technology of production and properties of castings and deformed semifinished products, Chapter 9	1980
19810075772	Metallurgy of titanium. Chapters 8 and 9	1980
19810075773	Multicomponent diffusion saturation of metals and alloys (selected pages)	1980
19810075774	Turning of refractory and titanium alloys with variable feeds	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075776	Physicochemical properties of thin metallic films vaporized on a nonmetallic base. 14: Effect of ultraviolet irradiation on oxidation of aluminum films	1980
19810075777	Catalytic hydrogenation of 1,5,9-cyclododecatriene on halogen-phosphine complexes of nickel	1980
19810075778	Semi-finished products from titanium alloys	1980
19810075781	Superplastic forming/diffusion bonding, SPF/DB, process limits	1980
19810075782	Metallic coating development and evaluation program	1980
19810075784	USSR Report: Materials science and metallurgy	1980
19810075785	Developments in metal electroplating	1980
19810075786	The synthesis of titanium nitride in a nitrogen atmosphere with high pressures and laser radiation	1980
19810075787	Alloys of tantalum with niobium (selected pages)	1980
19810075788	Friction and wear of filled polymer materials	1980
19810075789	Recent developments in the synthesis of heterocyclic polymers of high thermal stability, part 2. Polyheteroarylenes with increased thermal stability	1980
19810075790	Evaluation of stressed durability testing of adhesive bonds	1980
19810075791	Rubber: Determination of resistance to liquids	1980
19810075792	Effect of stabilizing annealing on the electric conductivity of GeSe ₂ -As ₂ Se ₃ -Sb ₂ Se ₃ based glass	1980
19810075794	Plastics for low temperature use, a literature survey	1980
19810075795	Advanced ceramic materials for HF environments	1980
19810075796	Characterization of polymethyl methacrylate samples	1980
19810075797	Improved performance monopropellants (MHF-9) electrothermal thruster feasibility	1980
19810075798	Surveillance: Air Force service-returned M151 cartridges	1980
19810075799	Spectral distributions 4: Visible spectrum of standard Navy red flare composition	1980
19810075800	Surveillance: Air Force service-returned M1A3 removers	1980
19810075801	Low cost propellant development	1980
19810075802	Gas generator fuels study	1980
19810075804	Sheet stamping of molybdenum and its alloys in instrument construction	1980
19810075815	The simulation of flight conditions in the ionosphere	1980
19810075820	Advanced optical surfacing program. Phase 2: Fast fine grind	1980
19810075821	E-3A EMP dipole test. Volume 5. Test procedures and error analysis, part 3	1980
19810075822	E-3A EMP dipole test. Volume 1. Summary of test data and major conclusion, part 1	1980
19810075823	E-3A EMP dipole test. Volume 1. Summary of test data and major conclusions, part 2	1980
19810075824	E-3A EMP dipole test. Volume 2. E-3A EMP hardening fixes	1980
19810075825	E-3A EMP dipole test. Volume 3. Results from coupling experiments, part 1	1980
19810075826	E-3A EMP dipole test. Volume 3. Results from coupling experiments, part 3	1980
19810075827	E-3A EMP dipole tests. Volume 3. Results from coupling experiments, part 4	1980
19810075828	E-3A EMP dipole test. Volume 3. Results from coupling experiments, part 5	1980
19810075829	E-3A dipole test. Volume 3. Results from coupling experiments, part 6	1980
19810075830	E-3A EMP dipole test. Volume 5. Test procedure and error analysis, part 2	1980
19810075831	Television air reconnaissance system	1980
19810075832	Digital troposcatter communications for dew line upgrade	1980
19810075833	Mini-RPV surveillance radar ground-based test and evaluation	1980
19810075834	Analysis of air line of communications, Europe Alloc-e-Order-ship time segments for effects on materiel management, system cost, and operational readiness. Volume 2: alloc study, phase 1. In-theater requisition processing	1980
19810075835	Viper electromagnetic radiation/electrostatic discharge investigative tests	1980
19810075836	Engineering design guidelines for SGEMP effects in cables	1980
19810075838	On the transition of wideband DSCS ground terminals from SHF to EHF	1980
19810075839	Adaptive compressive receiver study	1980
19810075840	CTD correlator for signal processing	1980
19810075841	Tactical antenna conceptual design and development	1980
19810075842	Sky mirror processing/display development system (SPDS)	1980
19810075843	New developments in Navy High Frequency (HF) assignment techniques	1980
19810075844	An application of automated message handling to airlift movement reporting	1980
19810075845	Low Sidelobe Parabolic Cylinder Antenna	1980
19810075847	Investigation of equipment specifications for high altitude electromagnetic pulse	1980
19810075848	Use of quaternary codes in multistation systems of communication	1980
19810075849	Empirical evaluation of the coherence band for tropospheric diffusion	1980
19810075851	Phase array antenna investigations	1980
19810075852	Surface acoustic wave convolver	1980
19810075853	All digital receiver study	1980
19810075855	Special features of an electrical discharge in a gap bounded by dielectric surface	1980
19810075856	Solid dielectric aging and electrical insulation reliability	1980
19810075857	High voltage techniques	1980
19810075858	Investigation of a solid state RF power amplifier	1980
19810075859	Composition for obtaining a dielectric coating on electrostatic fastening devices	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075860	Expendable TWT manufacturing technology	1980
19810075861	Thermomechanical analysis for HEDD traveling-wave-tube collector assembly	1980
19810075862	Silicon - Basic material for microelectronics	1980
19810075867	Enhancement mode GAAS JFET medium-scale integrated circuit technology	1980
19810075868	The 95 GHz extended interaction amplifier. A development program	1980
19810075869	Solid state transmitter for unattended radar	1980
19810075872	Solution of boundary-value problems of the dynamics on an infinite horizontal cylindrical shell with liquid by the variation method	1980
19810075874	The 30 MHz analog recording	1980
19810075875	Microfilming aerial photography negatives	1980
19810075880	A handbook on laser technology (selected pages)	1980
19810075881	Lasers and their application	1980
19810075882	Studies of laser hazards and safety standards. Part 3. Retinal damage thresholds for argon-lasers	1980
19810075883	Investigation of XeCL scaling	1980
19810075884	Study for a high extraction single pass free electron laser	1980
19810075885	Experimental studies of laser-induced detonation waves	1980
19810075886	Electrooptical analyses relating to HEL pointing and tracking	1980
19810075887	Lidar feasibility test	1980
19810075888	And they rolled the novelty	1980
19810075889	Comprex pressure wave machine as upper level of a gas turbine, part 1 and part 2	1980
19810075890	The use of lubricating oils in internal combustion engines	1980
19810075891	HY-80 steel flux-cored arc welding electrodes for flat position welding	1980
19810075892	Investigation of welded titanium tube to tube sheet joints for condenser application	1980
19810075895	Component development for a three stage, rotary reciprocating refrigerator	1980
19810075896	Design and testing of stirling cycle cooler on NODLR AN/TAS-6 Night Sight	1980
19810075897	The production development fund	1980
19810075899	Some fundamental aspects of the finite element analysis of nonlinear elastic plate bending	1980
19810075900	An optimum surface of revolution for pressurized shells	1980
19810075901	Stability of shells	1980
19810075903	High-strength steel weldment subcritical cracking program. Technology development phase: In-process reheating of HY-130 weld metal	1980
19810075904	Vibration analysis of a damped experimental heavy machinery foundation by finite-element methods	1980
19810075906	Dynamic elasto-plastic response of shells in an acoustic medium	1980
19810075909	Interpretation of aerial photographs	1980
19810075910	Improvements in new models of the SKV-1 stereocomparator	1980
19810075911	Rationalization of map production and supplementation by modern automated and digitalized photogrammetric equipment and technologies	1980
19810075912	Further development of methods of studying the earth from space	1980
19810075913	Geodesy and cartography	1980
19810075914	Special Report. The Sun: Energy of hope	1980
19810075915	Prospects of using high-temperature helium reactor in technological power processes	1980
19810075918	Laser methods of atmospheric sounding	1980
19810075919	Automated cartography of water balance elements	1980
19810075920	Possible mechanism of anomalous dimagnetism in an ion crystal	1980
19810075921	Measurement of fluctuating magnetic gradients over coastal water; catalog and first analyses of data	1980
19810075923	The research program of the special research field 78 Satellite Geodesy of Munich Technical University	1980
19810075924	Study of the properties of hygroscopic powders proposed as reagents for weather modification of warm clouds and fogs	1980
19810075925	Seasonal cloud amount and cloud-free line-of-sight data for the oceanic area off the Somali coast. Report no. 6 of the OCAMO project. A part of the adverse weather characterization task. Systems investigation for air weaponry technology block program	1980
19810075926	Seasonal cloud amount and cloud-free line-of-sight data for the Sea of Japan, OCAMO project	1980
19810075927	Seasonal cloud amount and cloud-free line-of-sight data for the oceanic area east of iceland to the faeroes. A part of the adverse weather characterization task, systems investigation for air weaponry technology block program, Naval Weapons Center, China Lake, California	1980
19810075928	Wind, temperature, and humidity profiles in the atmospheric surface layer over the equatorial Atlantic	1980
19810075931	Method for studying the effect of atmospheric pollution on the health of workers	1980
19810075932	A simulator assessment of the effects of using synthetic height calls for manual landings in low visibility conditions	1980
19810075933	Technology versus aircrew capability	1980
19810075934	Modelling the preserved-food sterilization process	1980
19810075935	Air Force preliminary evaluation of the A-10 Night Evaluator: Avionics and human factors	1980
19810075936	Feasibility test of boot, lightweight, insulated	1980
19810075938	Hungarian equipment in the German Democratic Republic	1980
19810075939	Automatic real-time recovery in distributed data processing	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810075942	The use of higher order language for tactical avionics programming	1980
19810075943	Computer complex M5100. Operating principles	1980
19810075944	A methodology for: Multicriteria BMD processing network partitioning	1980
19810075945	The use of the Riemann problem in finite-difference schemes	1980
19810075946	The field of algebraic numbers fails to possess even a nice sound, if relatively incomplete, hoare-like logic for its while-programs	1980
19810075948	Comparison of the family behavior of normalized distribution functions	1980
19810075949	Elastic magnetic materials	1980
19810075952	Discovery number 212	1980
19810075953	Determination of some constants of the dipole moment for C-12O2-16 relative to normal coordinates	1980
19810075957	Beam dynamics in the radio frequency quadrupole	1980
19810075958	Cloud impact model: Assessing the impact of clouds on EO and HEL systems. Volume 1: User's manual	1980
19810075959	Cloud impact model: Assessing the impact of clouds on EO and HEL systems. Volume 2: Analysts manual	1980
19810075960	Cloud impact model: Assessing the impact of clouds on EO and HEL systems. Volume 3: Program listing	1980
19810075961	Antireflection coating	1980
19810075962	Advanced Weapon Systems (AWS) image simulation 2 study	1980
19810075963	High power deformable mirror system	1980
19810075964	Meaning extraction through estimated relevance	1980
19810075965	The problem of a power source for electric vehicles	1980
19810075966	Physicotechnical problems of high speed magnetic-levitation surface transportation	1980
19810075967	ATEPS implementation analysis and specifications	1980
19810075968	A fast sun position prediction program	1980
19810075976	USSR Report: Physics and mathematics	1980
19810075977	The gain at the 00 deg 1-10 deg 0 transition of CO2 in a reacting flow of a gas mixture containing CO and N2O	1980
19810075978	The devastation of the lower lasing level of CO2 gas dynamic lasers under conditions of a chemically nonequilibrium medium	1980
19810075979	On the optical excitation of a molecular laser in a photodissociation wave propagating in a dense gas	1980
19810075980	The effect of thermal choking suppression with the resonance interaction between high power laser radiation and a gas flow	1980
19810075981	Interaction of a high intensity relativistic electron beam with matter	1980
19810075982	Leningrad Institute of Nuclear Physics imeni B. P. Konstantinov trends and development prospects discussed	1980
19810075983	The color and visual contrast of an image on thermochromic material FITROS	1980
19810075984	Relaxation of the relativistic electron beam in a gas, taking account of the radiation	1980
19810075985	Features of the heating of a substance by special-form radiation	1980
19810075986	The polynomial solvability of convex quadratic programming	1980
19810075987	A polynomial algorithm in linear programming	1980
19810075988	TsAGI Scientific Notes, volume 10, no. 1, 1979	1980
19810075989	Method of calculation of axisymmetric flow of a perfect fluid about an annular wing with a central body	1980
19810075990	Investigation of the nonuniqueness of the solution of the problem of detached flow about a wing stub fuselage system	1980
19810075991	Interference of lifting surfaces in a plane parallel supersonic flow of gas	1980
19810075992	Course of gas and heat exchange on the blunted leading wing edge of variable sweepback in the zone of an incidence in the shock wave	1980
19810075993	Reynolds number effect on the spectra of the pulsations of pressure near the wall in turbulent boundary layer at supersonic speeds of flow	1980
19810075994	Some classes of the self-similar solutions of the equations of Barnett	1980
19810075995	Theoretical determination of the effect of elasticity and distribution of structural mass on some aerodynamic characteristics of aircraft in quasisteady motion	1980
19810075996	Simulation of the dynamics of cable-body system moving in the air	1980
19810075997	Features of the numerical solution of the Riccati matrix algebraic equation by the establishment method	1980
19810075998	One step method of the optimization of statistically indeterminable systems of minimum volume	1980
19810075999	Wing with minimum weight during the limitation of carrying capacity	1980
19810076000	Application of geometric programming to the tasks of the optimum design of constructors	1980
19810076001	Effect of angle of attack on the heat flux at critical point at supersonic speeds	1980
19810076002	Study of the initial stage of the entry into a water of disk at angle to the floating surface	1980
19810076003	Effect of tail assembly on the effective thrust of jet nozzles VRD	1980
19810076004	Numerical calculation of the hypersonic flow around sphere, taking into account the boundary conditions of slip	1980
19810076005	Development of natural disturbances/perturbations in a laminar boundary layer	1980
19810076006	Density effect of gas on the acoustic responses of turbulent jet	1980
19810076007	Force conditions and stresses/voltages according to the series/rows of bolted joints	1980
19810076008	Rapid creep of aluminum alloy during the elongation and the rapid heating	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076072	The aerodynamic characteristics and store-ejector rack loads of the 1/20 scale F-16 aircraft model configured with Multiple Store Ejector Rack, MSER, models	1980
19810076073	Asymptotic theory of a wing moving near a solid wall	1980
19810076074	NAVSTAR Global positioning system: Where it is today	1980
19810076075	Image sensor measurements program. Volume 2: Multispectral image acquisition	1980
19810076076	Algorithms for determining a ship's location by the data of Doppler satellite navigation systems	1980
19810076077	Improved 20MM ammunition integration into F-15 aircraft and gun systems	1980
19810076078	Multiple launch rocket system, Vought Engineer Design Test - Government (EDT-G)	1980
19810076079	Vulnerability test guidelines and requirements	1980
19810076080	Operational test and evaluation for survivability of naval air weapons systems	1980
19810076082	F-14A fuel-saving technology applications study	1980
19810076083	Operational test 2 of the UH-60A Black Hawk extended range kit	1980
19810076084	Operational test 2 of the UH-60A Black Hawk infrared suppressor (IRS) kit	1980
19810076086	Advanced wing box evaluations	1980
19810076087	Flight test of modified F-106/MB-1 ejector rack	1980
19810076088	The aerodynamic characteristics and store loads of a 1/20 scale F-16 aircraft model configured with the JP-233 dispenser system	1980
19810076089	Helmet mounted sight system, a good investment or not	1980
19810076091	OH-58C tail rotor/Stability and Control Augmentation System (SCAS) customer test	1980
19810076092	USSR Report: Space	1980
19810076093	Trajectories of space vehicles intended for investigation of the Earth from space	1980
19810076094	System for the emergency rescue of cosmonauts from orbital stations (SADKOS)	1980
19810076095	On aperture synthesis using a space radiotelescope	1980
19810076096	On selecting types of launch vehicles for the implementation of a space research program over a minimum period of time	1980
19810076097	Soviet perceptions of United States remote sensing program	1980
19810076108	Jannaf rocket nozzle technology subcommittee meeting 1979	1980
19810076109	The 7-inch billet program	1980
19810076110	Effects of fiber properties and weave geometry on processing risks in cylindrical weave ITES	1980
19810076111	Weave design parameters influencing free standing ITE billet	1980
19810076112	The 7-inch hot ball and socket test summary and problem analysis	1980
19810076113	Overview of composite nozzle structural performance program	1980
19810076114	An assessment of thermostructural analysis techniques	1980
19810076115	Carbon-carbon composite in-process billet characterization	1980
19810076116	Carbon-carbon nozzle characterization studies	1980
19810076117	The influence of particle impact on solid rocket nozzle erosion	1980
19810076118	The influence of carbon-carbon composite structure on recession	1980
19810076119	An investigation into solid rocket nozzle erosion and motor performance	1980
19810076120	A carbon-carbon composite thrust chamber for a liquid fluorine-hydrazine rocket engine	1980
19810076121	A note on thermal expansion measurements of carbon-carbon materials	1980
19810076122	The carbon-carbon composite materials data base	1980
19810076123	The geometry of involute construction	1980
19810076124	Structural assessment of involutes	1980
19810076125	Involute exit cone processing stress and deformation studies	1980
19810076126	Mechanical property approximations of carbon-carbon involute cones	1980
19810076127	Structural behavior of lightweight carbon-carbon exit cone material concepts	1980
19810076128	Exit cone material design non involute construction	1980
19810076129	Braided carbon/carbon exit cone design and fabrication	1980
19810076130	Filament wound carbon-carbon structures	1980
19810076131	The evaluation of the virgin, tag end, and post-fired properties of the candidate materials in the Carbon-Carbon Advanced Nozzle Program, part 2	1980
19810076132	Titan 3 transtage engine system, improved transtage injector program ITIP. ITIP uprate development program transtage engine system analysis report. Volume 3: Appendices E, F, and G	1980
19810076133	USSR Report: Chemistry	1980
19810076134	Gasification of low octane liquid fuels and products of hydrogenation into a high octane gaseous fuel for internal combustion engines	1980
19810076135	Graphite complexes with transition metals: A new class of organometallic compounds	1980
19810076136	On the mechanism of low temperature solid phase polymerization	1980
19810076137	Solid phase photosensitized polymerization of acrylonitrile at cryogenic temperatures	1980
19810076138	Composite materials	1980
19810076139	Silicon carbide powder for pressureless sintering	1980
19810076140	Survey of potential disposal techniques for carbon fiber materials	1980
19810076141	Response of metal matrix composite structural elements to simulated laser irradiation	1980
19810076142	Ionic cluster mass spectrometry. 2: A mobile system for identification of ionic species causing ionization detector responses	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076143	USSR Report: Materials science and metallurgy	1980
19810076144	Modern structural titanium alloys	1980
19810076145	Development of processable PIQ and other heat resistant polymers	1980
19810076146	The onset and development of thermochemical instability at an absorbing inclusion in polymethylmethacrylate subjected to continuous laser radiation	1980
19810076147	The effect of the deformation rate on the low temperature relaxation processes in elastomers	1980
19810076148	Study of the physicochemical processes occurring at the polymer matrix polymer fiber interface	1980
19810076149	Rubber: Accelerated ageing or heat-resistance testing	1980
19810076150	Something new in the projection of concrete and ferroconcrete constructions	1980
19810076151	Molding method silicon nitride	1980
19810076152	Deep hole ring drilling in beams	1980
19810076153	Advanced materials/construction technology	1980
19810076181	Synchronization of plasma mirror electroionization CO2 lasers	1980
19810076204	USSR Report: Electronics and electrical engineering	1980
19810076205	Method for calibrating load resistors of two-dimensional periodic structures	1980
19810076206	Data transmission via a telephone exchange network	1980
19810076207	Some problems of telephone network control	1980
19810076208	Digital transmission system signals and codes	1980
19810076209	Digital coupling devices, transmultiplexers, in communications systems	1980
19810076210	The service quality of automatic long distance telephone service	1980
19810076211	Broad-band matching of piezotransducers of acousto-optical devices	1980
19810076212	Optical heterodyne method for studying surface acoustic waves	1980
19810076213	Analysis of air line of communications, Europe (ALOC-E) order-ship time segments for effects on materiel management system cost, and operational readiness, Volume 3. ALOC study, phase 2: Cargo disqualification criteria and eligibility coding	1980
19810076214	Hypersonic boundary layer plasma effects on an onboard microwave system	1980
19810076215	Data reduction program documentation: NOSCANTL, Volume 1	1980
19810076216	Numerical analysis and study of radiating elements for a UHF antenna system	1980
19810076218	Development test and evaluation of multiplexer TD-1235()/TTC (Loop Ground Multiplexer)	1980
19810076219	Evaluation of radar target data processor CP-1319/TPX-42A(V)	1980
19810076220	Device for processing of rapidly-changing parameters	1980
19810076221	Product improvement test of Side Looking Airborne Radar (SLAR) digital data link AN/UPD-7	1980
19810076222	Wideband secure voice network extension project (WBSVNEP), SHAPE-Vaihingen circuit	1980
19810076223	Revised F-106 radar scope alignment procedures	1980
19810076224	Ferruleless coupled cavity TWT	1980
19810076225	Time response of a break circuit utilized as a hypervelocity impact detector	1980
19810076227	Millimeter band diffraction radiation generator with an electron flow reflector	1980
19810076228	Improved long term frequency stability of ultra high frequency Surface Acoustic Wave (SAW) devices	1980
19810076230	Low-inductive solenoid	1980
19810076231	Technical publications, 1979	1980
19810076237	Special boundary lines in a laminar three-dimensional layer in the presence of suction	1980
19810076239	Application of aspects of probability theory to the theory of elements and systems in fluidics	1980
19810076240	Fanning of spark discharges	1980
19810076241	Instruments and systems for measuring vibration, noise and shock	1980
19810076242	Laser Rangefinder (LRF) on the Video Automatic Target Tracking System (VATTS)	1980
19810076243	Submillimeter NH3, CH3F, CH3J, D2O molecular laser with optical pumping	1980
19810076261	USSR Report: Meteorology and Hydrology, no. 6, June 1980	1980
19810076262	Modern changes in climate of the northern hemisphere	1980
19810076263	Some results of joint Soviet-Polish investigations in the field of numerical short range forecasting of meteorological elements	1980
19810076264	Correction of the initial field of surface pressure trends in numerical prediction of pressure field	1980
19810076265	Method for indirect computation of the mean long term precipitation duration values	1980
19810076266	Model investigation of the global mean zonal thermal regime of the Earth's atmosphere	1980
19810076267	Application of the teaching model method in an investigation of the motion of a tropical cyclone	1980
19810076268	Possible mechanisms of ice formation on silver iodide particles in a diffusion chamber and in a fog chamber	1980
19810076269	Horizontal water circulation in the Somali region of the Indian Ocean	1980
19810076270	One method for respresentation of hydrological maps for analysis on an electronic computer	1980
19810076271	Influence of nonlinear effects of changes in streamflow on the salinity of the Sea of Azov	1980
19810076272	Correlation between the height of sand ridges and the parameters of river flow and channel	1980
19810076273	Numerical evaluation of change in the thermal regime of a peat deposit as a result of its drainage	1980
19810076274	Prediction of the air temperature anomal variation over the course of a month by five-day periods	1980
19810076275	Influence of orography on the surface wind	1980
19810076276	Change in river runoff for large regions of the earth	1980
19810076277	Ozonometric apparatus for creating sample ozone-air mixtures	1980
19810076278	Fiftieth anniversary of radiosonde observations in the USSR	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076279	USSR Report: Meteorology and Hydrology, no. 7, July 1980	1980
19810076280	Empirical models of wind velocity distribution in the stratosphere and mesosphere of the northern hemisphere	1980
19810076281	Nonlocal parameterization of turbulent fluxes	1980
19810076282	Choice of parameters for formulation of regressional models	1980
19810076283	Optimization of a method for solving the balance equation in a spherical coordinate system	1980
19810076284	Spatial structure of circumpolar vortices of the atmosphere and circulation in the equatorial zone	1980
19810076285	Modeling of transboundary transport of sulfur dioxide with allowance for vertical movements	1980
19810076286	Effect of change in albedo of the Earth's surface on the Earth's thermal regime	1980
19810076287	Dependence of the albedo of polar ice on air temperature	1980
19810076288	Smoothing of empirical hydrometeorological relationships by a cubic spline	1980
19810076289	Determining runoff during winter and transitional periods	1980
19810076290	Method for making observations of the water surface slope of river flows	1980
19810076291	Study of kinematic structure of flow in river mouth reach model	1980
19810076292	Investigation of a cloud ensemble model on the basis of gate data	1980
19810076293	Investigation of spectra of variability of meteorological elements and requirements on meteorological measurements	1980
19810076294	Evaluation of the information content of successive radiosonde measurements of meteorological parameters	1980
19810076295	On the problem of the height of installation of a field rain gauge	1980
19810076296	Focal plane tracker for a high altitude mosaic sensor system	1980
19810076297	Publication of multicolored maps in four printed colors	1980
19810076298	Deciding on the content of special maps	1980
19810076299	The principles of construction and compilation of automated cartographic systems	1980
19810076300	The use of base maps for building up the geographic names data base	1980
19810076301	Device for power supply of synchrotron electromagnet	1980
19810076302	Using solar energy	1980
19810076303	Highlights of the Mk 72 water activated battery improvement program	1980
19810076304	The cost effectiveness of passively heated/cooled solar housing	1980
19810076309	USSR report: Earth sciences	1980
19810076310	Physical processes at earthquake foci	1980
19810076311	Detailed investigation of seismotectonic deformation of Peter I range	1980
19810076312	Seasonal cloud amount and cloud-free line-of-sight data for the oceanic area from Puerto Rico to the lesser Antilles. Report of the OCAMO Project: A part of the adverse weather characterization task, systems investigation for air weaponry technology block program	1980
19810076315	East Europe Report: Scientific affairs	1980
19810076316	Determination of the contours of lower and upper sections of convective cloud hail nucleus	1980
19810076318	USSR Report. Cybernetics, computers and automation technology	1980
19810076319	Automation of design in microelectronics: Theory, methods and algorithms	1980
19810076320	Problems of the theory and construction of computer systems	1980
19810076321	Programming	1980
19810076322	Programming in LISP	1980
19810076323	Sector archives of algorithms and programs	1980
19810076324	Problems in the development of computer nets	1980
19810076325	Problems of organizing the follow-up for the software of the automated control systems in the USSR	1980
19810076326	Medium-speed microprocessor	1980
19810076327	USSR Report: Cybernetics, computers and automation technology	1980
19810076328	General characteristics of the M5100 computer complex	1980
19810076329	The problem of processing large masses geological and geophysical data and ways to solve it	1980
19810076330	Use of electronic computer technology in socialist countries	1980
19810076331	Structure of programming software of control computer complexes of the international system of small computers with main circuit structure	1980
19810076332	Macroprogramming in the computer medium disk operational system/unified system	1980
19810076333	Measurement of the magnetic permeability dispersion of polyirons at 30 - 9000 MC	1980
19810076334	USSR Report: Physics and mathematics	1980
19810076335	Magneto-optic effects in ferromagnetic materials	1980
19810076336	Prospects for using relativistic electron beams in industrial processes	1980
19810076338	Monolithic focal plane array technology development for the deep space surveillance satellite system	1980
19810076339	Fiber optic implementation alternatives for Army tactical communications	1980
19810076340	Technology of optical parts (selected passages)	1980
19810076383	USSR Report: Space	1980
19810076384	Hematological aspects of spaceflight, report 1: Cytological characteristics of peripheral blood	1980
19810076385	Space geodesy and questions on the theory of geodesy	1980
19810076386	Scientific problems in space geodesy	1980
19810076387	Geodesic astronomy at present and in the near future	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076388	Use of space photographic geological survey data in predicting endogenic ore deposits	1980
19810076389	Application of space survey materials in mineral prospecting	1980
19810076390	Approaches to evaluating the thematic interpretability of space photographic information	1980
19810076391	USSR report: Engineering and equipment	1980
19810076392	Effect of source brightness inhomogeneity on the position of an optical equisignal zone	1980
19810076393	Leveling and gyrocompass navigation of gyro-stabilized platform using suboptimal filters	1980
19810076394	TsAGI Scientific Notes	1980
19810076395	Selection of the optimum geometric twist of the wing of aircraft	1980
19810076396	Flow around the isolated/insulated profiles/airfoil cascade by compressible liquid	1980
19810076397	Calculation of drag of profiles at transonic speed	1980
19810076398	Heat fluxes in hypersonic and intakes with turbulizers and blunting of central body	1980
19810076399	Calculation of steady supersonic flows with consideration of the real properties of gas	1980
19810076400	Flow around the furrows of the flow of viscous gas	1980
19810076401	Nonequilibrium electron concentration behind the shock wave and about the blunted bodies in hypersonic flow of air	1980
19810076403	Relationship between the critical speeds of reverse and divergence of the straight wing	1980
19810076404	Heat exchange on the round plate, streamlined with hypersonic flow	1980
19810076406	The task about interaction of three shock waves	1980
19810076407	Self-similar problem for one-dimensional unsteady motions of gas within the compressive spherical piston	1980
19810076408	Centrifugal forces on the thin wing in the hypersonic flight at the high angles of attack	1980
19810076409	Determination of angular position of space vehicle according to data of telemetric measurements	1980
19810076410	Thematic collection of scientific works of the Moscow Aviation Institute	1980
19810076411	Calculations of transonic flow over wing/body combinations with an allowance for viscous effects	1980
19810076412	Solution of the Euler equations for transonic flow past a lifting aerofoil	1980
19810076413	Scientific proceedings number 24. Some problems of experimental aerodynamics	1980
19810076414	Correction coefficients for wall effects in rectangular test sections with horizontal slotted walls	1980
19810076415	Aerodynamic characteristics of the 1/9 scale F 16A force model with enlarged horizontal tail and external stores at mach numbers from 0.60 to 1.50	1980
19810076418	Development test 2 (DT ii) (PQT-G) Arctic winter phase of flotation kit for helicopter aircrewmembers/passengers	1980
19810076419	Adaptive control applied to the terminal guidance of tactical weapons with strapdown seekers	1980
19810076420	A comparative evaluation of several bearings-only trackers	1980
19810076421	Navy evaluation of the AN/ARN-131 Omega navigation system as installed in the C-2a airplane	1980
19810076422	Command and control functions and organizational structure required to support the Navstar/global positioning system	1980
19810076425	The use and validation of ground-based techniques for the prediction of the trajectories of stores released from aircraft at subsonic speeds	1980
19810076426	The effect of additional runway lights and autopilot failure on the landing performance of a medium size transport aircraft at night: A flight simulator exercise	1980
19810076427	A comparison of two methods for calculating loads in helicopter rotor blades	1980
19810076428	Some aerodynamic interference effects that influence the transonic performance of combat aircraft	1980
19810076430	Cruise missile path optimization, phase 2	1980
19810076431	Evaluation of SUU-64/B and SUU-65/B tactical munitions dispensers	1980
19810076432	Evaluation of the compatibility of the Naval Emergency Air Cargo Delivery System II/Air Deployment Delivery System (NEACDS 11/ADDSD) logistics stores with PO3 airplanes	1980
19810076433	Czech-designed helicopters	1980
19810076434	U.S. Navy tactical and trainer aircraft flying Qualities comparison	1980
19810076436	Independent evaluation report for the enhanced Cobra Armament Program (ECAP) of the AH-1S Modernized Cobra	1980
19810076437	T-2 airplane/C13 mod 0 catapult compatibility tests aboard USS John F. Kennedy (CV 67)	1980
19810076438	Follow-on evaluation of the family of helicopter external cargo carrying devices (Nets), 5000 and 10000-pound capacity	1980
19810076439	AV-8B 5% scale store separation test in the AEDC PWT 4 T wind tunnel	1980
19810076440	Determination of lift and drag polars from flight tests	1980
19810076449	Wind tunnel calibration of an aircraft pitot-static and flow-direction measuring nose probe	1980
19810076450	Supersonic Airborne Infrared Measurement System (SAIMS) evaluation	1980
19810076451	Pegasus 5 survivability test with controlled damage to critical areas	1980
19810076452	Advanced gas turbine carbon/carbon components feasibility assessment	1980
19810076453	Jet exhaust-powered smoke generating system	1980
19810076454	High temperature turbine rotor material	1980
19810076455	Fluidic fuel control for a ramjet engine. Part 2: Costing study	1980
19810076456	Advanced diagnostic engine monitoring systems (ADEMS 2). Volume 3. Appendix K. Evaluation of a military jet engine low cycle fatigue damage monitoring system	1980
19810076458	Advanced propulsion concepts analysis (U)	1980
19810076459	Reduced cost turbine engine concepts program. Volume 2. Part 1. Government Version (U)	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076461	F-4S airplane catapult trim optimization	1980
19810076462	Airfield maintenance	1980
19810076464	A model of flight: Earth - Space - Earth	1980
19810076465	Air and cosmos	1980
19810076468	Masters of all trades, report from flight control center	1980
19810076472	Firewheel satellite for studying plasmas	1980
19810076473	Evaluation of distributed data processor design concepts for airborne LWIR sensors	1980
19810076474	Effects of nozzle exhaust plume of control FIN effectiveness of the miniature system missile	1980
19810076475	Space based kill vehicles	1980
19810076476	Accuracy of the doppler observational equation	1980
19810076477	Millimeter-Wave Contrast Guidance Demonstration (MCGD) Program/Hughes (U)	1980
19810076478	Dual-Mode (radio frequency active) infrared passive seeker investigator (U)	1980
19810076481	Utility investigations of the radar quided weapons system and imaging infrared harpoon (U)	1980
19810076482	Follow-on operational evaluation of the AIM-7F Sparrow Missile (U)	1980
19810076486	Satellite Materials Hardening (SMATH 4). Volume 2, part 2: Concept development, electrical power system (U)	1980
19810076492	Satellite payload multi-threat development, part 2 (U) 4	1980
19810076506	Calculation of heat exchange on spacecraft (selected pages)	1980
19810076508	Vulnerability of solid propellant motor case	1980
19810076509	Acceptance test of the Thiokol Corporation Star 27-C (TE-M-616-5) solid propellant rocket motors	1980
19810076510	Material design and fabrication program and fabrication of full scale exit cones	1980
19810076511	TriService rocket motor trade-off study. Volume 4. Phase 4, phase 4: Analysis and results	1980
19810076512	The 100lb subf space engine evaluation	1980
19810076513	NOSC jet tip computer model and propulsion system design	1980
19810076514	Lot acceptance test of the Thiokol TE-M-364-19 (FLTSATCOM) solid propellant rocket motor (S/N 19009)	1980
19810076515	Small impulse bit ACS engine. Volume 18: MIB ACS engine development (U)	1980
19810076516	Propulsion energy management study, Volume 2. Design optimization and sensitivity study (U)	1980
19810076517	Propulsion energy management study, volume 1. Executive summary (U)	1980
19810076523	Initial tests on the effect of fire on carbon fibre laminates	1980
19810076524	Statistical analysis of the strength of bundles of short fibres	1980
19810076525	The electrical properties of carbon fibre composites: A progress review	1980
19810076527	Replacement fibers for carbon-carbon composites	1980
19810076528	Analytical approach to material design for particle erosion	1980
19810076529	Carrier testing of graphite composites in contact with metals on F-4	1980
19810076530	Economic analysis of carbon fiber effects	1980
19810076532	Paramagnetic probe investigation of the thermal aging of polycarbonate	1980
19810076533	Effects of hydrogen content, test temperature and environment on the fracture of highly textured Ti-6Al-4v	1980
19810076534	Metal matrix materials composites for naval systems	1980
19810076535	The future prospects of powder metallurgy	1980
19810076537	Significance and behavior of chemical elements in steel melting processes and deoxidation and degasification of steel	1980
19810076538	Zero gravity alloys	1980
19810076539	Electroslag remelting (Chapter 8)	1980
19810076544	Non-destructive testing of high temperature ceramic components for vehicle gas turbines	1980
19810076545	Rubber: Determination of brittle temperature	1980
19810076547	Plastics: Properties and applications. A handbook (third edition) revised	1980
19810076550	Determination of ultrasonic velocities and damping coefficients in polymers	1980
19810076552	The ignition delays of rocket and gas generator propellants measured in an arc image furnace: An undergraduate student report	1980
19810076553	Combustion instability induced by pressure or acoustic pulses: A bibliography	1980
19810076554	Computational analysis of explosive thrusters	1980
19810076555	Cold start tests using grade JP-8 fuel in a T-62T-32 gas turbine auxiliary power unit	1980
19810076559	Preparation and characterization of gelled hydrazine-based fuels containing aluminum	1980
19810076562	Improvement of the organization of preparation for production	1980
19810076564	Cryo-cooled power generator study program, phase 1. Cryo-cooled power generator study, phase 2. Superconducting device cryo-cooler study	1980
19810076567	Main-line and industrial transport workers collaboration	1980
19810076568	Heard of communications (selected articles)	1980
19810076569	Results of the laboratory evaluation of the MDTs MD-918 digital troposcatter modem	1980
19810076570	Problems of radioelectronic device vibration resistance analysis	1980
19810076571	The state-of-the-art in radar signal processing	1980
19810076572	Sequential invariant rules for the reception of binary signals	1980
19810076573	Signal processing in a channel with intersymbol interference and inaccurate synchronization	1980
19810076574	Derivation of an expression for the signal spectrum of a scanning optical correlational sensor of deviation from a given direction	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076575	Transmission of binary information on a television channel by secondary multiplexing	1980
19810076576	Efficiency of two-channel processing of high-speed search sequences	1980
19810076577	Acousto-optical time-scale converters of radio signals	1980
19810076579	Complex development of a branch communication system	1980
19810076580	Remote radiowave propagation in an ionosphere	1980
19810076583	Electromagnetic Performance of Aircraft and Ship Systems (EMPAS) support of VC6 Drone Operations (U)	1980
19810076588	SBR Prime Power Systems Issues (U)	1980
19810076589	SAR for space-based radar (U)	1980
19810076591	AN/TPS-43E radar ultra low sidelobe antenna (U)	1980
19810076601	Development test and evaluation of modem, cable driver, MD-1023()/G (low speed cable driver modem)	1980
19810076603	Millimeter wave integrated circuits	1980
19810076604	Medium power, wideband GaAs FET amplifiers	1980
19810076606	A pulse-driven fluxgate magnetometer requiring very low power	1980
19810076607	A control electrode for influencing an electric field at points of unsteadiness at a pressure gas insulation	1980
19810076608	Development test and evaluation of modem cable driver MD-1025()/TTC (remote loop group multiplexer cable driver)	1980
19810076609	Calculation of the discrimination and fluctuation characteristics of a Costas circuit	1980
19810076610	Evaluation of thermal disconnect shaft for the general electric 4-M Variable speed constant frequency generator, P/N2CM38E1	1980
19810076612	Dual beam dual mode TWT	1980
19810076613	Inductive accumulator with electromagnetic current multiplication	1980
19810076614	A device for shaping high power current pulses	1980
19810076615	Certain features of diffusion burning in supersonic flow	1980
19810076616	Test and evaluation program for fluidic components	1980
19810076617	Experimental investigation of a fiber-optic magnetic field sensor model	1980
19810076618	Remotely Monitored Battlefield Sensor (REMBASS) dispenser	1980
19810076619	The control of atmospheric contamination at INR worksites in Rez	1980
19810076620	Holography	1980
19810076621	Wire detectors of elementary particles	1980
19810076622	Holography today and tomorrow	1980
19810076623	Pumping of pulsed lasers using lamps, report 2	1980
19810076625	Annular laser mode studies	1980
19810076626	Optics technology program for advanced high power visible lasers	1980
19810076627	Tone burst beamrider guidance link	1980
19810076628	The 3-5 heterojunction structures for long-wavelength injection laser	1980
19810076629	Visible laser effects studies	1980
19810076630	Multiwavelength 2-5 micrometer laser	1980
19810076633	Long Wavelength Laser Detection (LWLD) study (U)	1980
19810076638	Determination of the elastic moduli of thin, dry-bearing liners by ball indentations	1980
19810076639	A study of the Zil-375 engine working on gasoline hydrogen-air mixtures	1980
19810076640	AT a coordination council on welding	1980
19810076642	The United Kingdom contribution to the AGARD critically loaded hole study of the effect of fastener hole preparation and fit on fatigue performance-fatigue tests	1980
19810076643	Thick multiply connected plates	1980
19810076644	Surface flaw position and scatter in fatigue crack propagation data	1980
19810076645	The influence of initial deflection on frequencies of free vibrations in plates	1980
19810076646	Methods of meteorological observations (snow measuring observations)	1980
19810076647	Experience in developing an automated cartographic unit	1980
19810076649	A method for the production of polycrystalline silicon suitable for semi-conductor components	1980
19810076650	Battery heater feasibility	1980
19810076651	Spacecraft nickel-cadmium battery storage effects study	1980
19810076652	Modern status of climatology, its tasks and subjects for the tenth five-year plan	1980
19810076654	Can we control the rain	1980
19810076655	Cosmonauts are prepared on the ground	1980
19810076658	High density magnetic bubble memory techniques	1980
19810076659	An algorithm for compression of discrete information in a four symbol coding system	1980
19810076662	Electronic calculators construction and operation	1980
19810076663	Theory of programming and optimizing complex systems	1980
19810076664	The data reduction software utility program (Drsutil) user's guide	1980
19810076665	A dynamically alterable topology for distributed processing	1980
19810076666	Adaptive optimum recognition of discrete images	1980
19810076667	Use of Hamilton quaternions for determining the translational and rotational motion of a projectile	1980
19810076668	Numerical analysis of a filtration problem with a Markovian description of the process	1980
19810076669	Airframe self-noise studies on the Lockheed L1011 TriStar aircraft	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076671	Harnessing the photon	1980
19810076672	Transactions of the all-union conference on charged-particle accelerators, volume 1	1980
19810076673	Rocket to the microworld	1980
19810076676	Integrated optical circuits for RF spectrum analysis	1980
19810076677	Digital fiber optic rate sensor experimental results	1980
19810076678	Pattern matching for autonomous acquisition	1980
19810076679	Independent evaluation report for development test 2 of the low cost night vision goggles	1980
19810076680	Investigation of a detector of an optical signal with pulse modulation of the radiant flux	1980
19810076681	Optical direction-finding automatic mechnes on the vessels	1980
19810076682	Experimental and theoretical research on the dynamics of powerful, radiant electrical discharges in gases	1980
19810076683	Aerodynamic design of the trident 1 aerospike	1980
19810076684	Cosmic crystals	1980
19810076685	Manufacturing methods and technology for epitaxial growth of GaAsP material for use in the manufacture of Light Emitting Diodes (LED)	1980
19810076686	Method of scaling grids	1980
19810076687	Some problems of the aerodynamics of city buildings	1980
19810076688	The hydrogen vehicle replaces the electric vehicle	1980
19810076689	Automatic control system of railroad transportation ASUZhT: Jobs, requirements, prospects	1980
19810076691	The aircraft carrier: A ship-based airfield	1980
19810076694	Supersonic Air-Intake Buzz	1980
19810076696	Investigation of one high-lift device plan	1980
19810076697	Static force and pressure tests of a double parasol wing aircraft at Mach Numbers 1.51, 2.00, and 3.01	1980
19810076700	Plasma boundary layer effects on homing interceptor radar performance, volume 1	1980
19810076702	Revised values of the lateral aerodynamic derivatives of the Gnat aircraft from flight tests	1980
19810076705	Aircraft performance optimization by forced singular perturbation	1980
19810076706	F-106 gun/gunsight FOT and E	1980
19810076707	Test plan for a limited whirl test of the circulation control rotor blades configured with inboard ballast weights	1980
19810076708	Validation of a proposed A-4M Airframe Change (AFC) number 616	1980
19810076709	Evaluation of the RMK-31 general purpose reeling machine launcher and TDU-34/A and TDU-37/B targets on the A6E Airplane	1980
19810076710	Development test 2 (prototype qualification test-government) of YCH-47D Helicopter, revision	1980
19810076711	Integrated flight/weapon control exploratory development program	1980
19810076712	Quarterly compilation of abstracts on completed Test, Experimental, and Development (TED) projects	1980
19810076713	High temperature windshield/canopy materials development	1980
19810076715	A/A37A-11 cargo aerial delivery towplate	1980
19810076716	KC-135 winglet flight research and demonstration program: Trade study results	1980
19810076717	Model for evaluation of the effects of fragmentation against air targets	1980
19810076718	C-2A no-flap landing evaluation	1980
19810076719	Advanced technology wing structure	1980
19810076720	A-7 pylon removal/modification study for fuel conservation	1980
19810076721	New Soviet strategic bomber	1980
19810076722	Operational test and evaluation Low Altitude Parachute Extraction System (LAPES) operations	1980
19810076723	Artillery versus helicopters (U)	1980
19810076733	B-52 G/H Offensive Avionics System (OAS) initial operational test and evaluation test plan	1980
19810076734	Wind tunnel test of a propulsive lift enhancement model	1980
19810076735	Gas turbine components from silicon nitride injection molding and joining of silicon nitride with metal	1980
19810076736	AV-8/helicopter LPH/LHA Visual Landing Aid (VLA) evaluation	1980
19810076737	Second Navy evaluation of the NASA developed automatic rudder interconnect for the F-14A airplane	1980
19810076739	Launch to the Salyut	1980
19810076740	Veterans and novices of the star flotilla. A report from the flight control center	1980
19810076742	Static stability tests of the Pershing 2RV with in-line stage separation and booster thrust reversal simulation	1980
19810076743	Rocket firings	1980
19810076744	Hypersonic static stability test of the Pershing II Reentry Vehicle	1980
19810076745	Advanced linear guidance laws for air-to-air missiles	1980
19810076747	Flight test services/technology-S program	1980
19810076749	AGM-65-D IR maverick initial operational test and evaluation plan. Annex F (U)	1980
19810076750	Follow-on operational evaluation of the Harpoon Weapon System. Captive carry phase (U)	1980
19810076753	Erosion resistant lightweight heatsink missile structure (U)	1980
19810076757	AIM 4F missile capability against a maneuvering target (U)	1980
19810076758	Miniature kill vehicle FY80 study special task completion reports. Volume 3 (U)	1980
19810076763	Shuttle contamination and experimentation: DOD implications	1980
19810076764	Description and operating guide: Transmitting set, telemetric data, AN/SKQ-8 (XAN-1)	1980
19810076765	Control systems of space vehicles stabilized by rotation, chapter 4	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076766	Low-cost titanium propellant tankage	1980
19810076769	Miniature kill vehicle liquid propulsion technology development (U)	1980
19810076771	Miniature kill vehicle FY80 study special task completion reports. Volume 1 (U)	1980
19810076772	Miniature kill vehicle FY80 study special task completion reports. Volume 2 (U)	1980
19810076774	Rheophysics of conglomerate materials	1980
19810076775	Composite skin stabilization	1980
19810076776	Composite skin stabilization	1980
19810076778	Manufacturing technology for low-cost composite fasteners	1980
19810076780	The effect of neutron irradiation on the structure and properties of carbon fibers	1980
19810076781	Composite skin stabilization	1980
19810076782	Multiple particle impact effects on erosion resistant composite materials	1980
19810076783	Automated composite material transfer	1980
19810076790	Influence of surface boundary conditions on the cholestericnematic transition	1980
19810076791	Chemistry of nitrogen fluorides (selected pages)	1980
19810076792	Kinetics of distillation of vapors in semidispersed ice aerosol generated by porous layer of solid carbon dioxide	1980
19810076793	Ultraviolet-fluorescent marking materials and techniques. Portable kit proposed for use by naval investigative service field agents to mark and identify US government property would reduce theft and help identify stolen items and suspects	1980
19810076795	Application of metal matrix composites to tactical missiles	1980
19810076796	Refractory items, materials and raw materials: A handbook (book exploration report)	1980
19810076797	Electrodynamic excitation and measurement of vibration in metals (selected articles)	1980
19810076798	Plastics	1980
19810076799	Development of corrosion-inhibited MIL-L-23699 oils for naval aircraft engines and transmissions	1980
19810076800	Manufacturing methods and technology program to develop advanced methods for fabricating germanium arsenic selenium glass	1980
19810076801	See the future: New self-lubricating antifriction materials	1980
19810076802	Heat capacity of BF-2 adhesive at temperatures of 0.3-4.2 K	1980
19810076803	Mechano-chemical processes in polymer friction	1980
19810076804	Electron paramagnetic resonance in carborane-containing polymers	1980
19810076805	Method for manufacturing self-lubricating materials	1980
19810076806	Organic polymer research in the 1980s	1980
19810076807	SYEP plasticizer, volume 1	1980
19810076808	SYEP plasticizer, volume 2	1980
19810076810	Substitute fuels	1980
19810076818	Vacuum-arc remelting and its economic effectiveness (selected pages)	1980
19810076819	Industry for the production of commercial carbon in the tenth five year plan	1980
19810076820	Design and testing of Stirling cycle cooler on NODLR AN/TAS-6, Night sight appendices (U)	1980
19810076822	Dispersed radar stations and systems	1980
19810076823	Polarizational modulation	1980
19810076824	Measurement on antenna models and some trends in designing transmitting antennas at lower frequencies	1980
19810076825	Over-the-horizon radar: A technology review	1980
19810076826	Marf seeker data reduction and analysis	1980
19810076827	Radar Interface Distributed Processing Experiment (RIDPE). RIDPE technical report. Volume 2, appendices	1980
19810076828	Microcomputer Controlled Seeker (MCS)	1980
19810076829	Experimental plan to investigate the capability of over-the-horizon radar to detect groups of ground targets	1980
19810076830	Formulation of the security problem for alarm-based fiber communication systems	1980
19810076831	Quasi-electronic automatic telephone exchanges in transport	1980
19810076834	Millimeter-wave phased array antenna feasibility study	1980
19810076835	The distameter electromagnetic rangefinder	1980
19810076836	Special features of digital radars with synthesized antenna aperture	1980
19810076837	High-frequency transmission system VLT-24-R	1980
19810076842	Evaluation of preliminary radar (PDE/IFF) designs for Long Range Airborne ASW System (LORAAS) (MPA-Maritime Patrol Aircraft) (U)	1980
19810076846	Low radar cross section inlets for ramjets (U)	1980
19810076849	TEWS update antenna pattern/isolation test for CCP-120 (U)	1980
19810076853	Technology plan for near term radar-in-space demonstration (U)	1980
19810076855	Antenna measurement and compensation (U)	1980
19810076858	Hybrid optical processing for target identification (U)	1980
19810076860	Distributed spaceborne radar study. Volume 1: System(U)	1980
19810076872	Satellite imaging using narrowband radar data (U)	1980
19810076878	Cathode driven high gain crossed field amplifier	1980
19810076879	Manufacturing technology for I-J band single bottle dual mode traveling-wave-tubes, volume 1	1980
19810076880	Impact power generators	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076881	Multistage pulse-voltage generator	1980
19810076883	Telekom-79 (Soviet exposition)	1980
19810076884	High efficiency I/J band traveling-wave tube depressed collector study	1980
19810076885	Low cost (nonhermetic) hybrid microcircuit modules	1980
19810076886	Manufacturing Methods and Technology (MM&T) for 18-mm third generation 0.9 micron wafer intensifier tubes	1980
19810076887	The 95 GHZ high power amplifier	1980
19810076888	Explosive magnetic generator of current	1980
19810076889	Expendable traveling-wave tube manufacturing technology program	1980
19810076890	DC electromagnetic launcher development, phase 1	1980
19810076891	Investigation of a phase automatic frequency control system with a sawtooth phase detector characteristic by the statistical linearization method	1980
19810076892	Cathode driven high gain crossed-field amplifier	1980
19810076896	Bonded grid cathode technology, phase 2	1980
19810076897	The 18 mm third generation wafer intensifier tube MM and T program	1980
19810076899	Low band millimeter wave TWT QKW1756 (U)	1980
19810076900	Test and evaluation of high efficiency I/J Band traveling wave tube (U)	1980
19810076902	Low band millimeter wave TWT QKW1756 (U)	1980
19810076906	Vortical flows and their computation	1980
19810076907	Heat transfer to a hemisphere-cylinder and a bluff-cylinder in high-altitude flight	1980
19810076908	Analysis of the separation due to shock	1980
19810076910	Turbulent analysis of a cooled boundary layer. Volume 2: Analytical model	1980
19810076911	Turbulent analysis of a cooled boundary layer. Volume 1: Experimental results	1980
19810076914	An experimental piezoelectric shaker designed for absolute interferometric calibration of accelerometers from 1 to 20 kiloHertz	1980
19810076915	Calibration of controlotron corporation clampitron ultrasonic flow meters	1980
19810076916	Vibrational laser gyroscope	1980
19810076917	A photoelectric system for flying model display in ballistics research	1980
19810076918	A study of the laser gyro. Report number 1	1980
19810076920	Kinetics of heating of metals in an oxidizing medium by continuous CO2 laser emission	1980
19810076921	The TEO LAS KP-5 laser theodolite	1980
19810076924	Determination of bulk damage threshold of optical glasses when irradiated with intense ruby laser radiation	1980
19810076925	The 3-5 heterojunction structures for long-wavelength injection laser	1980
19810076926	Modular Army Demonstration System Program. Task 5 report (U)	1980
19810076929	Engineering development and producibility engineering and planning for simplified test equipment/internal combustion engines (STE/ICE)	1980
19810076930	Using plastics as the material for bearings	1980
19810076931	Automatic welding (selected articles)	1980
19810076932	The diffusion welding of bronze Br AZhMts10-3-1.5 with steels 30khGSA and KVK-26	1980
19810076933	A reliability tool: Statistical tolerance curves for the normal distribution	1980
19810076935	Estimating reliability of phased antenna arrays	1980
19810076936	Stress intensity factors for multiple cracks in a row of holes	1980
19810076937	Effects of in-plane boundary conditions and stiffening combinations on buckling of eccentrically stringer-stiffened cylindrical panels	1980
19810076938	Failure of solids under dynamic loading	1980
19810076939	A program for calculating the vibration of flat diaphragms of a variable cross section	1980
19810076941	Fundamentals of the design and manufacturing technology of lead acid storage batteries	1980
19810076942	A storehouse of power in the palm of the hand: Superconductive storage battery tested at the Institute of High Temperatures of the USSR Academy of Sciences	1980
19810076944	Generalization of automated data analysis application of statistical estimation of geological material model parameters	1980
19810076948	Seasonal atmospheric transmittance statistics for San Nicolas Island	1980
19810076952	Seasonal cloud amount and cloud-free line-of-sight data for the Yellow Sea. A part of the adverse weather characterization task systems investigation for air weaponry technology block program, report no. 13 of the OCAMO project	1980
19810076953	Seasonal cloud amount and cloud-free line-of-sight data for the southern Barents Sea. A part of the adverse weather characterization task, systems investigation for air weaponry technology block program, Naval Weapons Center, China lake, California, report no. 11 of the OCAMO project	1980
19810076954	Seasonal cloud amount and cloud-free line-of-sight data for the oceanic area south of Hawaii. A part of the adverse weather characterization task, systems investigation for air weaponry technology block program, Naval Weapons Center, China Lake, California, report no. 10 of the OCAMO project	1980
19810076956	Variability of threshold of contrast sensitivity of the eye and precision of perception of range of visibility	1980
19810076957	Two in orbit	1980
19810076958	Effects on bed rest of glucose lipid and amino acid metabolisms in the aged, with particular reference to the effects on glucose metabolic phases	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810076959	The rapid microscopic diagnosis of brain and spinal cord tumors by cryostatcut frozen section	1980
19810076960	Effect of space flight on sodium, copper, manganese and magnesium content in skeletal bones	1980
19810076961	Radiation and poisons	1980
19810076962	The AV-8B human engineering maintenance/accessibility report. Volume 1, part 2: Forward fuselage	1980
19810076963	AV-8B human engineering maintenance/accessibility report, volume 1. Part 1: Forward fuselage	1980
19810076964	The effective use of a mini-computer memory	1980
19810076965	From sirena to ASU-5	1980
19810076966	Implementation of regeneration logic in the use of dynamic RAM in microcomputers	1980
19810076967	Technical magazine (selected articles)	1980
19810076968	Peculiarities of overcharge processes during writing and reading in a timer based on a cathode-ray tube with memory	1980
19810076969	Computer-aided analysis of dynamic systems	1980
19810076970	Remarks on singular perturbation technique applied in nonlinear optimal control	1980
19810076971	Pattern recognition and acquisition systems	1980
19810076972	The principles and design of acoustic emission data collection and handling equipment	1980
19810076974	Optronics: A happy marriage	1980
19810076976	Ultrasonic light modulator	1980
19810076977	Infrared data compression study	1980
19810076978	Application algorithms for optical data processing. Volume 2: Real time baseline algorithm set. Appendix A: Part 2 Data processing algorithms	1980
19810076979	Application algorithms for optical data processing. Volume 2: Real time baseline algorithm set. Appendix A. Part 1: Signal processing algorithms	1980
19810076980	Application algorithms for optical data processing. Volume 2: Real time baseline algorithm set. Appendix B. Test case out put listings	1980
19810076981	Multi-sensor compression investigation	1980
19810076982	Silicon gallium FLIR detector array testing	1980
19810076983	Optical glass data tables	1980
19810076984	A CDTE substrate development	1980
19810076985	Technics of visual range measurment, Part 1	1980
19810076988	Forward Looking Infrared Radar (FLIR) Technology Demonstration (FTD) to mission analysis (U)	1980
19810076994	Formation of charge-neutral bunches of relativistic particles	1980
19810076995	Bank-to-turn guidance for ramjet anti-air missiles (U)	1980
19810076996	The miracle of liquid crystals	1980
19810076998	Error and sensitivity analysis scheme of a new data compression technique in estimation	1980
19810076999	Technical magazine (Selected Articles)	1980
19810077001	Soviet military encyclopedia (selected articles)	1980
19810077002	Shield of the native land	1980
19810077003	Soviet military encyclopedia (selected articles)	1980
19810077004	Aviation and cosmonautics (selected articles)	1980
19810077005	Aviation and cosmonautics (selected articles)	1980
19810077006	Aviation and cosmonautics (selected articles)	1980
19810077007	The AS-332 Super Puma helicopter	1980
19810077008	The dimensions of a coherent structure in the potential cone of a subsonic free jet	1980
19810077009	Experimental investigations of separated flow around wing fuselage type configurations	1980
19810077011	Articles on flow around blunted bodies	1980
19810077012	Computer methods and programming (selected articles)	1980
19810077013	Development of passive doppler techniques at LRSL/ISL and their application to ballistic and aerodynamic velocity measurements	1980
19810077014	Mach number/flow angle surveys within the bow shock of the X-24C model at Mach Number 6, part 2	1980
19810077015	Deficiency reports. S1S-3ER ejection seat. Program review, 6 - 8 May 1980	1980
19810077016	ESCAPAC replacement ejection seat program	1980
19810077018	Advanced electron device technology	1980
19810077019	RIM Inertial Measuring System (RIMS) design report	1980
19810077020	The principles of radio direction finding	1980
19810077021	INS position-error and velocity-error models	1980
19810077024	Theory of inertial systems	1980
19810077025	Guidance and control analysis TOW 6-DOF digital simulation program description document	1980
19810077027	Application of large arrays to radio direction finding	1980
19810077028	Organic glass sheets for aircraft windows (transparent enclosures)	1980
19810077030	Navy V/STOL fighter - a technology assessment	1980
19810077037	Joint US Air Force Follow-on Operational Test and Evaluation (FOT and E)/US Army Force Development Testing and Experimentation (FDTE) for the C-141B aircraft test program	1980
19810077039	Gas ejector	1980
19810077040	Optimal control of aircraft propulsion systems	1980
19810077041	ARTI reports (selected articles)	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077042	Cruise missile engine program. Contract data requirements list sequence no. 95. Qualifications Test Report. Volume 23: Component-tank assembly, oxygen (TM-73/a, part no. 29667)	1980
19810077043	Evaluation of a random frequency generator for inlet distortion testing	1980
19810077044	Full authority digital electronic control, phase 2	1980
19810077045	Ceramic components for vehicle gas turbines	1980
19810077046	Prototype qualification test-government 500hour endurance test of the UH-60A basic exhaust system	1980
19810077047	Study of aeroelastic instabilities of compressors in a straight cascade wind tunnel	1980
19810077048	Track-basin-catapult installation of the Toulouse Aeronautical Institution and its use for dynamic tests of engines and other equipment	1980
19810077050	Weapon and aircraft simulators and trainers	1980
19810077052	Spacelab data analysis and interactive control study	1980
19810077053	Space studies accomplished in the the Soviet Union in 1979	1980
19810077054	From Vostok, to Salyut-6	1980
19810077056	Space Azimuth: Polish materials science experiment on Salyut-6	1980
19810077058	For air-to-air missiles	1980
19810077059	Development and comparison of optimal filter techniques with application to air to air missiles	1980
19810077060	A survey of surface-to-air missile computer models and adaptation of the Missile Intercept Capability Evaluation (MICE-2) model for use at the Naval Postgraduate School	1980
19810077061	The lance and pluton operational tactical missile systems	1980
19810077062	Wind tunnel pressure tests on the NASA space shuttle in launch and entry configurations at Mach numbers from 0.60 to 1.50	1980
19810077063	Foreign information and space information	1980
19810077065	Aerodynamic loading tests of space shuttle thermal protection system material for external tank protuberances at Mach number 2	1980
19810077067	TRI-service rocket motor trade-off study. Volume 5, phase 5: Program overview and documentation summary	1980
19810077068	Word rocket motor Mark 80 Mod 0 type life evaluation	1980
19810077070	Structural analytical and assessment tasks, AFRPL nozzle programs	1980
19810077071	Physics and chemistry of processing materials (selected articles)	1980
19810077072	Evolution of materials and associated structure of aerospace equipment, parts 1 and 2	1980
19810077073	Physics and chemistry of processing of materials (selected articles)	1980
19810077074	Temperature stable inorganic coatings	1980
19810077075	Attenuated laminated sheet metal in construction	1980
19810077076	The effect of plastic deformation on the internal friction of the composite material, niobium-titanium alloy-copper	1980
19810077077	Strength properties of bimetal molybdenum tungsten compositions	1980
19810077078	Chemical composition and processing specifications for Air Force advanced composite matrix materials	1980
19810077080	Rain erosion resistance of infrared-transparent materials	1980
19810077087	New borides with a CeAl ₂ Ga ₂ -type structure	1980
19810077088	Increasing the resistance of high-strength aluminum alloy V95 to corrosion cracking by the method of theromechanical treatment	1980
19810077089	Herald of the Academy of Sciences of the USSR (selected articles)	1980
19810077090	Investigation of impact extrusion of heat resistant steel 55Kh20G9ANCh (EP303)	1980
19810077091	Sustained load subcritical crack growth in Ti-6Al-2Cb-1Ta-0.8Mo (Ti-6211)	1980
19810077092	The effect of surface alloying on the mechanical properties and fatigue characteristics of molybdenum	1980
19810077095	Metallurgical methods of improving the quality of steel, book exploitation report	1980
19810077096	Low-cycle fatigue crack propagation in Ti6Al-2Cb-1Ta-0.8Mo alloy	1980
19810077098	Feasibility evaluation for fabricating an aluminum matrix composition by powder metallurgy consolidation using hot isostatic pressing process	1980
19810077099	The feasibility of precision add-on components for thick films MIC's	1980
19810077100	Type 64 rubber (chloroprene rubber, CR)	1980
19810077102	Epoxy staking compound (high Impact)	1980
19810077106	Low viscosity epoxy composition	1980
19810077108	Stability of polyethylene crosslinked (vulcanized) by high energy radiation	1980
19810077109	Aging and stabilization of carbon-chain polymers	1980
19810077110	Scarcely combustible reinforced polymer materials	1980
19810077111	Stabilization of phosphorous-containing plasticizers	1980
19810077112	Polymer materials with anti-icing properties	1980
19810077113	The synthesis and modification of polymers (book exploitation report with abstracts of papers)	1980
19810077115	Removal of solid propellants from rocket motor cases. A bibliography	1980
19810077116	Water gasoline emulsion as a motor fuel	1980
19810077117	Interaction of reaction kinetics and nitramine combustion	1980
19810077118	Energetic plasticizers	1980
19810077119	Sensitivity of liquid explosive systems to shock	1980
19810077121	Properties of fuels used in the Czechoslovak aircraft industry	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077123	Bag-type filter	1980
19810077124	Ground-effect vehicles	1980
19810077125	Adaptive control of the metal cutting process	1980
19810077126	Main trends and problems of improving the technology of fabrication of industrial tooling by methods of plastic forming	1980
19810077132	PVG-2 installation for purifying the air in underground shafts	1980
19810077136	Improve modes and methods of operation	1980
19810077137	Remote techniques for studying the surface and atmosphere of the Earth in the SHF range of radio waves	1980
19810077138	Long-range short-wave propagation	1980
19810077139	Calculating matched dual-frequency reflector antennas	1980
19810077140	Mathematical methods for the solution of antenna and scattering problems of complicated structures	1980
19810077141	Intensifying the protection of communication lines	1980
19810077142	When there is no genuine check	1980
19810077143	Manual of equipment of industrial and institutional communications	1980
19810077144	Choice of optimum parameters of a regular direct search algorithm on the basis of the vector criterion	1980
19810077146	Multiple satellite communication systems using the 30/20 GHz bands	1980
19810077147	Video bandwidth compression system	1980
19810077148	A laboratory experimental technique for determining satellite cable response to SGEMP	1980
19810077152	Initial operational test and evaluation, aircraft wireless intercom (AWIC) system	1980
19810077153	The effectiveness of algorithms for detection of fluctuating signals against a background of correlated noise	1980
19810077155	Super-long-distance propagation of short radio waves	1980
19810077160	Day/night mast-mounted sight concept	1980
19810077162	Ultrashortwave antennas, part 2	1980
19810077163	Pulse Code Modulation (PCM) multiplexer synchronization problem	1980
19810077166	Communications processor operating system. Volume 1, Task 1: Requirements analysis	1980
19810077167	Communications processor operating system. Volume 2, Task 2: Reliability considerations	1980
19810077168	Communications processor operating system. Volume 3, Task 3: Security analysis	1980
19810077169	Communications processor operating system. Volume 4, Task 4: Operating system survey	1980
19810077170	Communications processor operating system. Volume 6, Task 6: Implementation study	1980
19810077171	Communications processor operating system. Volume 7, Task 7: Verification and validation	1980
19810077172	Communications processor operating system. Volume 8, Task 8: System/subsystem specification	1980
19810077173	Communications processor operating system. Volume 9, task 9: Experiments	1980
19810077176	Analysis of the propagation conditions of decametric radio waves on a long distance course by the adiabatic method at a fixed frequency, Part 1	1980
19810077180	Device for measuring electrical resistance and alloys at high temperatures	1980
19810077181	Method of inertialess spark connection of high voltage devices	1980
19810077182	Device for breaking the current in the circuit of an inductive accumulator	1980
19810077184	High-voltage pulse generator	1980
19810077185	Physical studies of the work of ARC hollow cathode	1980
19810077186	Tripping device	1980
19810077187	An explosive-type switch	1980
19810077192	High cutoff frequency Schottky barrier diodes and mixers	1980
19810077193	High cutoff frequency Schottky barrier diodes and mixers	1980
19810077194	Polymer electron resists	1980
19810077196	Muligap-arrester	1980
19810077197	A device for deriving energy from an inductive accumulator	1980
19810077199	Study of the concentration and phase velocity distributions in a two-phase flow	1980
19810077201	Communications processor operating system. Volume 5, Task 5: Candidate selection	1980
19810077202	Method of automatic monitoring of the size of powdered fireable materials	1980
19810077203	Compliant air bearing gyro performance in the COPPERHEAD HWIL simulation	1980
19810077208	Electric and electronic metering instruments	1980
19810077209	High-speed precision accelerometer comparison calibration technique	1980
19810077210	Improved manufacturing processes for the production of long-life mercury cadmium telluride array dewars	1980
19810077211	Calculation of compression of glass shell targets with DT-gas taking into account the refraction and resonance absorption of CO ₂ -laser radiation	1980
19810077212	Temperature field in a plate when exposed to laser radiation pulses of finite duration	1980
19810077213	The destruction of artificial monocrystals of graphite by the effect of laser emission	1980
19810077214	Effect of surface oxidation on the dynamics on the heating of metals by the radiation of CO ₂ -laser	1980
19810077215	Optimum conditions of heating materials by laser emission	1980
19810077216	Attenuation of laser radiation in hydrometeors	1980
19810077217	Method of investigation of the characteristics of fast-flowing CO ₂ -laser with unstable resonator	1980
19810077218	Ignition of spark gaps with ultraviolet laser light	1980
19810077219	Development and construction of a gas laser for meteorological purposes	1980
19810077221	Subscale helium turbopumping demonstration	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077223	First article test of laser infrared observation set (formerly handheld laser rangefinder) AN/GVS-5 and charger batter, pp-7286	1980
19810077224	Absorption of laser radiation in stark tunable molecular gases	1980
19810077227	Hazard evaluation of production models of the multiple integrated laser engagement simulator 7-10 July 1980	1980
19810077229	The electron-beam welding of compressor rotors of titanium alloy VTZ-1	1980
19810077231	Mechanization and automation of production (selected articles)	1980
19810077232	Axial compressor performance improvement program	1980
19810077236	Using air tubes for pneumatic conveyance of foundry dust	1980
19810077237	Design, fabrication, and testing of a prototype deisel-engine-powered smoke generator	1980
19810077240	A step toward an everlasting machine	1980
19810077241	The 28th Conference on Microbiological Deterioration of Military Materiel	1980
19810077243	Proceedings, academy of sciences of the Ukrainian SSR	1980
19810077244	Reports of the Ukranian RSR academy of Sciences, physical, technical and mathematical (selected articles)	1980
19810077245	Subcritical cracking and linear elastic fracture toughness properties of Ti-6Al-2Cb-1Ta-0.8Mo plate and weldments	1980
19810077247	Object of study - The Earth	1980
19810077251	Better and cheaper solar cells are made of amorphous semi-conductors	1980
19810077252	Solar energy in space technology	1980
19810077253	Material for manufacturing igniters for thermionic rectifiers	1980
19810077255	Current state of research and development concerning solar heat power generation systems in Japan and overseas	1980
19810077256	Possibilities of optimization of the solar thermoelectric generators	1980
19810077257	Technological prospectives for the direct conversion of the solar energy into electric energy	1980
19810077261	Wet dust-collector PMVK-4,5 with air-purifying channel	1980
19810077265	Prognosis is given by an MHD generator	1980
19810077266	Signals from the Earth's depths: MHD generator experiments significant for earthquake prediction	1980
19810077267	Experimental investigations of atmospheric aerosol	1980
19810077271	A world geodetic datum from terrestrial and satellite data	1980
19810077272	Seasonal cloud amount and cloud-free line-of-sight data for the oceanic area east of Kamchatka Peninsula. A part of the adverse weather characterization task, systems investigation for Air Weaponry Technology Block Program, report no. 12 of the OCAMO project	1980
19810077274	Methods of the optimal use of meteorological information in the making of decisions	1980
19810077276	Cloud analyzer	1980
19810077277	Errors of temperature, humidity, and wind on ships in tropical latitudes	1980
19810077282	Energy aspects of adaptation	1980
19810077283	Individual protection against microwave radiation and static electricity	1980
19810077284	Principles of hyperbaric physiology	1980
19810077285	Against a tactical background	1980
19810077287	Molecular sieve on-board oxygen generating system: Flight test results	1980
19810077288	The right to fly	1980
19810077289	Aircrew chemical defense hood/blower system	1980
19810077292	Microprocessors in digital systems	1980
19810077293	SM computer. Minicomputer system SM-2	1980
19810077294	Archival non-magnetic digital disk techniques	1980
19810077296	Design of memory units (selected chapters)	1980
19810077299	Advanced computer architecture for real time operations	1980
19810077304	Errors in the restoration of steady state processes with an arbitrary discrete coordinates correlation function	1980
19810077305	Discrete transform technology	1980
19810077306	One method of identification of nonlinear systems with the use of pseudorandom signals	1980
19810077308	Method of determining complex permeability	1980
19810077311	The technology of high pulsed currents and magnetic fields	1980
19810077313	Transactions of the all-union conference on charged particle accelerators (5th), Dubna, 5-7 October 1976. Volume 1	1980
19810077314	Transactions of the All-Union Conference on Charged Particle Accelerators, volume 2	1980
19810077315	Energy losses of light channeled ions	1980
19810077317	Evaluation of radiation heating of superconducting magnets of high energy accelerators	1980
19810077318	Transactions of the fourth all-union conference on charged particle accelerators	1980
19810077319	Energy losses of a charged particle beam used to excite natural oscillations in semiconductor plates	1980
19810077323	Phase ratios in opticomemchanical system of line scanning and quality of pattern	1980
19810077324	Strategic Applications Thermal Imaging Sensor study (SATIS). Volume 2: Nuclear survivability	1980
19810077325	Infrared emitter	1980
19810077326	Large optics coating and evaluation facility study. Part 1: Technical discussion	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077327	Infrared search and track system evaluation model (IRSTEM) user's manual	1980
19810077328	Infrared emissions analysis utility matrix for inflight aircraft. Volume 1: User manual	1980
19810077329	Air layable, expendable fiber optic cable assembly package	1980
19810077330	On new infra-red transmitting optical glasses	1980
19810077333	AN/PVS-7 (XE-1) night vision goggles. Design, fabrication, and testing of advanced development models	1980
19810077334	The spectra of Cherenkov instabilities of an electron beam in bounded plasma with finite magnetic field	1980
19810077335	Systems with Josephson contacts	1980
19810077336	High-speed CMOS/SOS technology	1980
19810077337	Manufacturing methods and technology for epitaxial growth of GaAsP material for use in the manufacture of Light Emitting Diodes (LEDs) for the common module FLIR	1980
19810077338	Fundamentals of systems with Josephson Junctions	1980
19810077343	Procedure for using the shchekinskiy method of improving the organization of labor, material stimulation and planning	1980
19810077344	Directorate for research, development and technology	1980
19810077348	Organization of an informational base and a data bank for automation of control of the transportation process	1980
19810077351	Advances of the Soviet Union in outer space research, second space decade 1967-1977	1980
19810077355	Foreign aviation and space information	1980
19810077356	Soviet military encyclopedia, Volume 7 (selected articles)	1980
19810077357	Forecasting science and technology	1980
19810077359	Autogiros	1980
19810077362	Comparison of algorithms for the digital modeling of monopulse direction finders with instantaneous automatic gain control	1980
19810077366	Stellar-inertial guidance for tactical missiles (U)	1980
19810077371	Preliminary design external blast vulnerability assessment procedure. Volume 2. User manual	1980
19810077372	Operational evaluation of the OV-10D NOS (Night Observation and Surveillance) aircraft (U)	1980
19810077399	Long life engine disks from gas atomized powder	1980
19810077400	Long life engine disks from gas atomized powder	1980
19810077401	Improvement of combustor dome characteristics	1980
19810077402	Reducedcost turbine engine concepts program. Part 2: Industry version (U)	1980
19810077405	Inlet and ramburner freejet and transition tests. Part 11. Combustor pre-development tests, and partial transition and combustion development tests (U)	1980
19810077407	Polish technological experiments in space: The Syrene program	1980
19810077410	Re-Entry vehicle dynamics determined from radar cross-section measurements (U)	1980
19810077412	ENDO NNK concept evaluation and technology assessment. Volume 2: Simulation of a generic beyond visual range missile	1980
19810077414	Visual acquisition of the Haw and Patriot surface to air missile systems	1980
19810077416	TACTS/ACMI pilots weapon simulation manual (Air-To-Air-Missiles). Appendix A. Performance of friendly TACTS/ACMI Missiles (U)	1980
19810077417	Variable geometry inlet technology. A program overview (U)	1980
19810077427	liquid Fuel Ramjet Engine Demonstrator (LFRED) program. Design integration and performance bulletin (U)	1980
19810077430	Pulse generator for electroerosion treatment of metals	1980
19810077431	Tantalum coatings in fused salt baths	1980
19810077432	Metallic coating development and evaluation program	1980
19810077433	Powder polymer paint	1980
19810077434	What a polymer can do	1980
19810077435	Anti-friction fabric	1980
19810077436	Interim NEPE propellant aging program	1980
19810077438	The manufacture of propellant powder	1980
19810077443	Development test and evaluation of multiplexer TD-1235 (I)/G, trunk group multiplexer	1980
19810077444	Development test and evaluation of family of digital group multiplexers systems test	1980
19810077445	We're offering aviation radio equipment. Soviet aviation radio equipment for export	1980
19810077446	Design and implementation of a modification to the SAM/ATU prototype signal processor	1980
19810077456	Advanced Technology Survivable Radar (ATSR) planning definition study (U)	1980
19810077459	CCD radiation hardening	1980
19810077460	Highly selective infralow frequency amplifier with retunable frequency characteristics based on a phase automatic frequency control system	1980
19810077461	Device for charging an accumulator capacitor	1980
19810077462	Traveling-wave tube monitor and control study program	1980
19810077466	Device for making map label originals	1980
19810077467	Data display equipment	1980
19810077469	Proceedings of the High Power Laser Optical Components Meeting, 1-2 November 1979. Part 1: Unclassified papers	1980
19810077470	Heat transfer and vibration analysis of a cascaded supersonic nozzle array	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077475	Tribology: A science for improving the wear resistance of machinery	1980
19810077476	Electrofilters: Devices of the future	1980
19810077494	USSR Report: Earth Sciences	1980
19810077495	Measurement of frequency and angle spectra of wind waves using a wave recorder array	1980
19810077496	Thermal state of the cold skin layer	1980
19810077497	Manifestation of nonlinearity of surface sea waves in statistical and spectral characteristics	1980
19810077498	Characteristics of remote sounding instruments in the presence of intrinsic noise	1980
19810077499	Choice of transmitting antennas and working frequencies for a radio channel for sea buoys	1980
19810077500	Quaternary tectonics and the abyssal structure of Pamir and Tyan-Shan	1980
19810077501	A device for converting direct voltage into direct voltage	1980
19810077502	Handbook on the climate of Antarctica. Volume 2: Air temperature, atmospheric pressure, wind, humidity, cloudiness, precipitation, atmospheric phenomena, visibility	1980
19810077503	Peculiarities of cosmonaut's activity in flight	1980
19810077504	A human factors evaluation of the proposed ground combat Vehicle Crewmember Clothing System (CVCCS), hot and cold weather	1980
19810077507	The optimum code in single-particle velocity estimation with a laser anemometer	1980
19810077508	Stochastic observability in optimum non-linear filtering problems	1980
19810077511	Beam control system, phase 2. Addendum adaptive optics and users guide to propagation code	1980
19810077512	Study of polarization effects in birefringent single-mode optical fibers	1980
19810077513	Correlation of standard Andersons with fiber optic andersons	1980
19810077517	Low cost terminal correction technology (U)	1980
19810077523	Liquid metal cooled high quality mirror (U)	1980
19810077527	Dependence of current density and electric-field intensity on the pulsation of the thermodynamic parameters of the plasma in an MHD generator	1980
19810077531	East Europe Report: Scientific affairs	1980
19810077532	New satellite generation for Intersputnik communications network	1980
19810077533	Forecast of monthly precipitation total for individual stations	1980
19810077534	Method, dropsonde to measure cloud water content	1980
19810077535	Reference book on aircraft maintenance (selected pages)	1980
19810077536	New methods in thematic cartography (mathematical-cartographic simulation and automation)	1980
19810077537	File on aircraft recording-breaking attempt women's aircraft IL-62M made 22 September 1977	1980
19810077539	Electronic "Beams" controls the flight	1980
19810077541	Russian cruise missiles on the backfire bomber	1980
19810077542	Initial Operational Capability Force Development Test and Experimentation (IOC/FOTE) of the Family of Helicopter External Slings (FHS)	1980
19810077545	Heart of the aircraft	1980
19810077546	The life of an engine is doubled	1980
19810077547	HIP rejuvenation of damaged blades	1980
19810077548	Flight test of an improved cooling turbine for the F-106B	1980
19810077549	Air turbine starters air control valves	1980
19810077550	Long life engine disks from gas atomized powder	1980
19810077551	Reducedcost turbine engine concepts program. Part 1: Government version (U)	1980
19810077553	Weapons effects against runway surfaces, phase 1	1980
19810077555	A satellite above the ocean	1980
19810077556	Tactical missile guidance and control law methodology	1980
19810077567	Ducted rocket performance improvements through fuel-flow throttling	1980
19810077591	Diffusion coatings with precious metals	1980
19810077592	Epoxy composite with anion-exchange properties	1980
19810077596	Investigation of the inclination of high-strength aluminum alloys to crack formation	1980
19810077597	Properties of steel after deformation in the martensitic state	1980
19810077598	Mechanical properties and corrosion resistance of nichrome condensates hardened with zirconium dioxide	1980
19810077599	Directional solidification alloy development	1980
19810077600	The effect of pulse optical radiation on certain characteristics of polymer materials	1980
19810077601	Plastics (selected articles)	1980
19810077602	Efficiency of heat-protective materials not impregnated with a binder is studied in a high temperature gas flow	1980
19810077605	Binder properties optimization	1980
19810077606	Antennas (selected articles)	1980
19810077607	Systems for information transmission by optical cable	1980
19810077611	Air Force Satellite Communications (AFSATCOM) System Level Development Test and Evaluation (SLDT E) test report, vol 1	1980
19810077612	TAWDS and ground processor facility development report (TFS)	1980
19810077613	Millimeter-wave contrast guidance demonstration data reduction support. Volume 1: Executive summary	1980
19810077614	Explosive switch	1980
19810077615	Influence of pulsed optical radiation on structural dielectrics	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077616	High-voltage thyristor unit	1980
19810077617	Mechanical rectifier	1980
19810077618	Current pulse generator	1980
19810077619	Device for switching of thyristors	1980
19810077620	Nanosecond commutator	1980
19810077621	Device for the shaping of a high-current ring of relativistic electrons	1980
19810077622	Device for forming a high-current ring of relativistic electrons	1980
19810077624	Dual beam dual mode TWT	1980
19810077625	Expendable TWT Manufacturing Technology	1980
19810077626	Dual beam dual mode TWT	1980
19810077627	Initial production test of 72 KW, 400 HZ engine, generator set	1980
19810077628	Technical evaluation of output characteristics of Litek Corporation RF-excited light bulbs	1980
19810077630	The role of cavitation in the light damage of the surface of glass, contacting liquid	1980
19810077631	Holographic deflectors of laser beams	1980
19810077632	Optical holography practical applications	1980
19810077633	Image conversion by dynamic holograms	1980
19810077634	The status and future of holography with recording in three-dimensional media	1980
19810077635	Laser heating of thin films on absorbing bases	1980
19810077636	Use of the method of pulsed laser ultramicroscopy for studying the microheterogeneous structure of glasses	1980
19810077637	Development of methods of laser-doppler measurements of speed with direct spectral analysis	1980
19810077638	Handbook of lasers (table of contents and chapter 26)	1980
19810077639	Lasers are operating	1980
19810077640	The effect of spatial distribution of laser radiation on the destruction of condensed media	1980
19810077641	The effect of laser radiation refraction on the character of electron avalanche in solid optically transparent dielectric	1980
19810077642	Investigations of high energy laser optical cavity and mod control technologies	1980
19810077643	Diffusion welding of heat-resistant alloys (selected pages)	1980
19810077644	Problems during the development of industrial robots for arc welding	1980
19810077645	Vibrations of nonlinear mechanical systems, volume 2, part 1	1980
19810077646	Vibrations of nonlinear mechanical systems, volume 2, part 2	1980
19810077647	Addition of fatigue damages and a statistical spread of strength	1980
19810077648	Thermoelastic stresses in a plate with a time-arbitrary cylindrical source	1980
19810077658	Multispectral portrait of the Earth	1980
19810077659	Special features of high-altitude aerial photograahy	1980
19810077660	A leaf of the vine for their emblem	1980
19810077661	Comparison of vertical soundings of the atmosphere	1980
19810077662	Distance-type meteorological devices, their installation and operation (selected chapters)	1980
19810077663	New aerosol containers (review)	1980
19810077664	Human factors aspects in optimizing the visual working capacity of a person in space flight	1980
19810077665	The use of high-speed accumulators on magnetic drums and their combination with the M-6000 computer in the automated system of the nuclear physical experiment	1980
19810077666	Solution to the problem of heat conductivity of bodies of rotation with non-axisymmetrical heating	1980
19810077667	Measuring equilibrium energy of accelerated particles in an electron synchrotron with cylotron preacceleration	1980
19810077668	Proof of principle auto resonant accelerator experiment	1980
19810077669	Beam control system, phase 2. Adaptive optics and users guide to propagation code. Addendum	1980
19810077670	FLIR Rangefinder Research	1980
19810077671	Hi-CAMP Program (U)	1980
19810077673	Photovoltaic effect in the reduced lithium niobate crystals	1980
19810077674	Superconductors - guests from the future	1980
19810077675	Semiconductor structure with thick dielectric, manufacturing process and very high frequency devices comprising such a structure	1980
19810077676	Increase alloying of semiconductor crystals and films, part 1	1980
19810077677	Increase alloying of semiconductor crystals and films, part 2	1980
19810077678	Organization and development of the branch Scientific Research Institutes of Leningrad, 1917 - 1977, part 1	1980
19810077706	History of Russian and Soviet shipborne aircraft	1980
19810077707	TsAGI Scientific Notes	1980
19810077708	Concept Evaluation Program (CEP) for the parachute assistance device	1980
19810077709	Certain kinematic boundary layer characteristics obtained during streamlining of an elastic plate	1980
19810077710	Aircraft aerodynamics: The dynamics of longitudinal and lateral motions	1980
19810077712	A wind tunnel test to determine the separation characteristics of several stores from the F-15 aircraft at Mach numbers from 0.9 to 1.1	1980
19810077713	Boundary layer measurements on slender blunt cones at mach number 8, part 2	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077714	Static force and pressure tests of the sandia IRS and RV configurations at Mach numbers 3, 5, and 8	1980
19810077715	Static force and oil flow visualization tests of generic lifting bodies at Mach number 8	1980
19810077716	Separation characteristics of several stores from the F-16 aircraft at Mach numbers from 0.5 to 1.3	1980
19810077717	Dust and snow erosion tests of a gas jet nosetip in the AEDC hypervelocity track G	1980
19810077718	Performance Technology Program-A1. Task 3.3.9. Length decoy aerodynamic analyses and test	1980
19810077721	ESCAPAC replacement SIIIS-3ER seat open deficiency chits as of 24 July 1980	1980
19810077722	Helicopter crash worthiness - official record of test no. N6 6509, part 2	1980
19810077723	Evaluation of injury potential of automatic water activated parachute canopy release device during ballistic haulback	1980
19810077724	Bird impact testing of laminated transparencies for the F-111 aircraft	1980
19810077725	Bird impact testing of monolithic and laminated transparencies for the F-16 aircraft	1980
19810077726	Quality assurance tests of Rockwell N73B preproduction candidate standard inertial navigation system. (Project 2258). Volume 2: Laboratory performance tests	1980
19810077727	Quality assurance tests of Rockwell N73B preproduction candidate standard inertial navigation system. (Project 2258). Volume 4: Qualification tests	1980
19810077728	Laser pilots to landing	1980
19810077729	Technical evaluation of FETRON devices in AN/ARN-52(V) airborne TACAN navigation sets	1980
19810077730	Strapdown seeker guidance and control integration technology for tactical weapons. Phase 1. Air-to-air feasibility study	1980
19810077732	Quality assurance tests of Rockwell N73B preproduction candidate standard inertial navigation system. (Project 2258). Volume 1: Master summary	1980
19810077733	Quality assurance tests of Rockwell N73B preproduction candidate standard inertial navigation system. (Project 2258). Volume 3: Flight tests	1980
19810077734	Quality assurance tests of Rockwell N73B preproduction candidate standard inertial navigation system, project 2258. Volume 5: Combined environment tests	1980
19810077735	Oceangraphic systems program	1980
19810077736	Advanced development model ring laser gyro navigator A-7E aircraft flight test results	1980
19810077737	Quality assurance tests of singer-kearfoott skn-2430 preproduction candidate standard inertial navigation system. Volume 5: Combined environments tests	1980
19810077738	Quality assurance tests of Litton LN-39 (STD INS) preproduction candidate standard inertial navigation system (Project 2258). Volume 5: Combined environments tests	1980
19810077739	Quality assurance tests of Litton LN-39 (STD INS) preproduction candidate standard inertial navigation system (Project 2258). Volume 4: Qualification tests	1980
19810077740	Quality assurance tests of Litton LN-39 (STD INS) preproduction candidate standard inertial navigation system (Project 2258). Volume 3: Flight tests	1980
19810077741	Quality assurance tests of Litton LN-39 (STD INS) preproduction candidate standard inertial navigation system (Project 2258). Volume 2: Laboratory performance test	1980
19810077742	Quality assurance tests of Litton LN-39 (STD INS) preproduction candidate standard inertial navigation system (Project 2258). Volume 1: Master summary	1980
19810077753	Degradation of bonded panels around potted fasteners	1980
19810077755	Mass properties measurements of the Air-2A/JTY, ATR-2A and ATR-2N ADWC test plan	1980
19810077756	F5 engine and inlet ground icing evaluation	1980
19810077757	US Army Research and Technology Laboratories technical reports published in FY 1980	1980
19810077758	Advanced Scout Helicopter Special Study Group (ASH SSG). Volume 8: Cost Operation Effectiveness Analysis (COEA), appendices B-G	1980
19810077759	Advanced Scout Helicopter Special Study Group (ASH SSG). Volume 11: Acquisition plan	1980
19810077760	Joint US Army /US Air Force test C-130 aircraft ramp bundle airdrop system (Wedge)	1980
19810077761	YAV-8B 5% scale aerodynamic test in the MCAIR polysonic wind tunnel	1980
19810077762	S-3 a cargo pod in-flight refueling evaluation	1980
19810077763	Analysis and evaluation of advanced fighter configurations, Volume 2, technical analysis	1980
19810077764	Air launch characteristics of BQM-74C aerial target when launched from the A-6E aircraft, volume 1	1980
19810077765	Air launch characteristics of BQM-47C aerial target when launched from the A-6E aircraft, volume 2	1980
19810077766	Low cost tow target 10t and e	1980
19810077767	Helicopters and V/Stol on Naval ships	1980
19810077768	Compatibility evaluation of final configuration design model for a Water-Actuated Switch (WAS) device	1980
19810077773	Supersonic fighter/attack VSTOL aircraft fuselage structure conceptual design	1980
19810077775	F5C flying qualities Air Force Development Test and evaluation	1980
19810077777	Low level delivery study	1980
19810077778	Compatibility test of the LAU-3/A and LAU-5003/A rocket launchers on the F-16 aircraft	1980
19810077779	Advanced V/STOL composite wing development. Volume 2: Box beam and environmental testing	1980
19810077780	Advanced V/STOL composite wing development. Volume 1: Design development, and element testing	1980
19810077781	Design options study. Volume 2	1980
19810077782	Design options study. Volume 1: Executive summary	1980
19810077783	Compatibility test of the MK82 bomb on the F-16 aircraft	1980
19810077784	External fire model for fuel system vulnerability assessment	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077793	Overview of US cruise missile program (U)	1980
19810077795	YC-141 B phase 3 avionics system evaluation	1980
19810077797	Development of highly heat-resistant molded bodies made of silicon carbide, especially for gas turbine construction	1980
19810077798	Summary of the phase 1 licensing substantiation tests, F107 turbofan engine S/Ns 326-21 and 706-21	1980
19810077799	Summary of F107 turbofan engine flight calibration oil consumption and mission simulation tests (engine s/ns 139-3, 336-8, 332-7, 337-10, 334-10, 402-9)	1980
19810077801	Optimization of vane and bleed settings	1980
19810077803	Advanced Turbine Engine Gas Generator (ATEGG) GE23/J2A1 (U)	1980
19810077804	Inlet and ramburner freejet and transition tests. Part 14. ASALM-TIP flameholder survival development (U)	1980
19810077807	AV-8B flight control system failure analysis report	1980
19810077808	Crash facility, Bavarian motor works AG	1980
19810077809	A wind tunnel test to provide a proof of concept for an optical sensor model alignment technique in the supersonic wind tunnel (A)	1980
19810077810	Test section flow angularity measurements in the aerodynamic wind tunnel (4T)	1980
19810077811	Flight fidelity evaluation of the F-4E weapon system training set	1980
19810077812	North field interim F-4 guidance evaluation	1980
19810077813	Table of spacecraft launchings in the USSR	1980
19810077814	The breeze of the future is blowing in space, Salyut-6 - Soyuz-35 - Progress-8 Our commentary	1980
19810077815	Roll torque tests of a reentry vehicle nose cone with simulated ablated surface patterns	1980
19810077816	Technology beyond the clouds: Technological experimentation in space	1980
19810077817	Strategic Missile Materials Technology (SMMT) program braided advanced frusta program	1980
19810077820	Advanced spacecraft deployment system study. Volume 1: Executive summary	1980
19810077821	Advanced spacecraft deployment system study. Volume 3: Appendices	1980
19810077833	Shock test program. Monitor and control duct mounted equipment for SAFEGUARD TSE systems and equipment	1980
19810077857	Force and moment testing on a 1/10-scale MX missile shroud at Mach numbers from 0.3 to 1.5 and angles of attacks from -1 to 45 deg	1980
19810077858	Static force test of the MX missile with simulated nozzle plumes at Mach numbers 1.75 to 5.5	1980
19810077859	Pressure test of the MX missile with simulated nozzle plumes at Mach numbers 1.5 to 5.5	1980
19810077860	Static stability and axial force characteristics of a 0.10 scale model of the MX shroud configuration at mach numbers from 1.5 to 5.5	1980
19810077861	Staging tests on the Pershing 2 missile at Mach numbers 6 and 8	1980
19810077873	PATRIOT Air Defense Missile System Cost and Training Effectiveness Analysis. Volume 5: Missile minder AN/TSQ-73 analysis	1980
19810077877	Forward Acquisition System (U)	1980
19810077878	Forward Acquisition System functional performance and sensitivity analysis (U)	1980
19810077884	Reentry Vehicle Technology (REV-TECH) program. Volume 4, part 2: Active Noretip Cooling: Vapor-slot injection data analysis and tent flight instrumentation assessment	1980
19810077885	Reentry Vehicle Technology (REV-TECH) program. Volume 4, part 1: Active cooling: Experimental investigation of heat transfer in a simulated transpiration cooled noretip slot	1980
19810077886	Reentry Vehicle Technology (REV-TECH) program. Volume 3, part 3: Experimental and theoretical study of the RV heatshield roll torque problem	1980
19810077887	Reentry Vehicle Technology (REV-TECH) program. Volume 3, part 4: Analysis of AEDC heat transfer and shear data from roughened RV noretip models in hypersonic flow	1980
19810077888	Reentry Vehicle Technology (REV-TECH) program. Volume 1, part 2: Maneuvering applications of the shape stable noretip low temperature ablator testing and thermomechanical property testing	1980
19810077889	Reentry Vehicle Technology (REV-TECH) program. Volume 2, part 1: Ablation testing of boundary layer trips on graphite and carbon-carbon models in the AFWAL/AFFDL 50 mw arc heater facility	1980
19810077890	Reentry Vehicle Technology (REV-TECH) program. Volume 2, part 2: Reduced data report: IRS-1/AFWAL/ML-2 noretip ablation tests	1980
19810077891	Reentry Vehicle Technology (REV-TECH) program volume 3. Part 1: Users manual for the updated abres shape change code (ASCC 80)	1980
19810077892	Reentry Vehicle Technology (REV-TECH) program. Volume 3. Part 2: Maneuvering ABRES Shape Change Code (MASCC)	1980
19810077894	The 100 1b sub f ACS engine evaluation program: Bell engines	1980
19810077950	Investigation of pulsed plasma propulsion	1980
19810077951	Solid Fuel Ramjet tubular projectile development. Phase 1: Feasibility evaluation	1980
19810077952	Space motor combustion technology. Phase 1: Data base development	1980
19810077953	Noncircular air launched missile propellant feed system study	1980
19810077954	Development and qualification tests at simulated altitude of the Thiokol AGM-69A ARAM LLMM rocket motor preconditioned at 70 and -70 deg F	1980
19810077955	Summary of the production quality assurance testing of two Minuteman LGM-30G stage 2 rocket motors at simulated altitude (motor S/Ns PQA6-90 and 91)	1980
19810077956	Low cost axial engine for PBPS application, volume 1 (U)	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810077958	Low cost axial engine for PBPS application, volume 2 (U)	1980
19810077959	Physics and chemistry of processing materials (selected articles)	1980
19810077960	Physics and chemistry of processing of materials (selected articles)	1980
19810077962	PUFF74 EOS compilation	1980
19810077963	Optimization of shells of laminated composites	1980
19810077964	Alternate fibrous graphite preforms and processing. Part 3: Advanced construction and processing	1980
19810077967	Erosion performance predictions of carbon composite materials	1980
19810077969	Snow erosion tests of reentry nosetip materials in the AEDC hypervelocity track G	1980
19810077970	Ablation and ablation/erosion tests of carbon phenolic heat shield materials in the AEDC heat H-1 arc heater facility	1980
19810077971	Wind tunnel tests of composite missile materials under combined aerodynamic and aerothermal load	1980
19810077972	Snow erosion phenomenology tests in the AEDC hypervelocity track G	1980
19810077973	Cirrus ice erosion tests of heatshield and antenna window materials in the AEDC hypervelocity track G	1980
19810077974	Wind tunnel investigation of the heating on a sandia RV configuration at Mach number 8	1980
19810077975	Advanced heatshield property performance assessment. Part 1: Material selection and screening	1980
19810077976	Advanced ablative heatshields. Development of alternate carbon phenolic composite materials, supplement 1	1980
19810077977	Program to study SIC fiber reinforced glass matrix composites	1980
19810077978	Materials technology transfer study: Strategic missile/tactical missiles	1980
19810077979	Experimental screening assessment of VSB-32 and T-300 carbon fiber yarns	1980
19810077980	Evaluation of alternate coal tar pitch materials for carbon-carbon densification process	1980
19810077981	Post-test evaluation of pitch fiber carbon-carbon composites by microstructure and hardness	1980
19810077982	HMX deflagration and flame characterization. Volume 2, phase 1: Princeton Kinetic model for pure nitramine	1980
19810077983	Thermophysical properties of expanded materials at high temperatures	1980
19810077984	Silahydrocarbons: I synthesis and properties of a class of thermally stable fluids	1980
19810077985	Flames with impinging jets	1980
19810077986	Advanced (NF Sub 4)+ oxidizer studies	1980
19810077988	Peculiarities of the islet structure of metal films during electron-beam plasma spraying	1980
19810077989	Metallurgy department progress report for the period 1 January to 31 December 1979	1980
19810077990	Experimental techniques and application of the theory of the mechaics of metal rupture	1980
19810077992	Corrosion fatigue and fatigue notch sensitivity of centrifugally cast 70/30 copper nickel	1980
19810077995	Elastomeric diaphragms	1980
19810077997	Rain erosion resistant, antistatic camouflage polymeric coatings	1980
19810077998	Ways to develop an up-to-date lubricant assortment	1980
19810077999	Corrosion-resistant structural ceramics	1980
19810078001	Classification of paint-and varnish materials and coatings based on them according to optical properties	1980
19810078002	Overage indicators for prepregs and adhesives	1980
19810078003	Fabrication and evaluation of new resins	1980
19810078004	Thermoplastic cycling	1980
19810078007	An alternate method for particle size analysis of crystalline materials	1980
19810078008	A pilot plant study of a pyrotechnic separation process	1980
19810078009	HMX deflagration and flame characterization. Volume 4: Description of computer program and operating manual for nitramine monopropellant flame model (NIRCOM & NIRCND) - Computer code listing for volume 3	1980
19810078010	Relation between the electron structure and shock sensitivity of secondary nitro explosives. Molecular criterion of sensitivity. 1: Nitroaromatics and Nitramines	1980
19810078011	New material in solid propellant propulsion	1980
19810078012	Ignition system for high temperature-resistant propellants	1980
19810078013	Solid rocket space propellants	1980
19810078014	HMX deflagration and flame characterization. Volume 1, phase 2: Nitramine decomposition and deflagration characterization	1980
19810078016	Characterization of nitroguanidine for use in gun propellants	1980
19810078018	PEG/SYEP Super BATES (U)	1980
19810078020	Forging and stamping (selected articles)	1980
19810078021	State-of-the art of SES ride control systems	1980
19810078022	Experimental evaluation of a rotating diffuser fan model	1980
19810078023	Automatic monitoring and control system for wave soldering systems	1980
19810078024	Technology survey of radomes for anti-air homing missiles	1980
19810078025	Aerostat advanced radar study	1980
19810078026	What are the advantages of automatic signal selection by time distortions	1980
19810078027	Noise stability of a broadband communications system with predistortions in the case of concentrated noise	1980
19810078028	Comparison of methods of channel multiplexing in mobile satellite radio communications systems	1980
19810078029	Comparison of probability-time and structural multiplexing in the call channel of a marine satellite system	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078030	Special features of the estimation of harmonic signal frequency by means of compression filter. Report 2: Frequency estimation efficiency	1980
19810078032	Laser communications	1980
19810078033	Man-made radio and interference survey for siting of an antenna near Debstedt, West Germany	1980
19810078034	HF radio communication systems design assessment. Task 3.3a: Narrow band voice modulation, optimization of the frequency	1980
19810078035	HF radio communication systems design assessment. Task 3.3B: Sounders	1980
19810078036	HF radio communications system design assessment	1980
19810078037	HF radio communications system design assessment. Technical Task Report 3.2a: Evaluation of present HF equipment	1980
19810078038	HF radio communication system design assessment. Technical task report 3.2b: Available and applicable existing and developing equipments for interim use	1980
19810078039	HF radio communications system design assessment	1980
19810078040	HF radio communication system design assessment. Task 3.3e: Current practices in data transmission	1980
19810078041	HF radio communication systems design assessment. Task 3.3F: Real-time adaptive control and processing	1980
19810078042	HF radio communication systems design assessment. Task 3.3G: Automated frequency management	1980
19810078043	HF radio communication systems design assessment. Task 3.3I: Link Quality Analysis (LOA)	1980
19810078044	Development test and evaluation of multiplexer TD-1234(/)TTC (remote multiplexer combiner)	1980
19810078045	Development test and evaluation of pulse form restorer, TD-1219(/)G high speed pulse restorer	1980
19810078046	Development test and evaluation of multiplexer TD-1237(/)G (master group multiplexer)	1980
19810078047	Reflection refraction of electromagnetic waves at the moving front of the ionization of gas	1980
19810078048	An experimental solar blind Raman lidar, phase 1	1980
19810078049	HF radio communications system design assessment	1980
19810078050	HF radio communications system design assessment study. Task 3.2C: Technology approaches for the real-life HF environment	1980
19810078051	HF radio communication system design assessment. Technical Task report 3.3H: Low profile and easily erectable antennas	1980
19810078052	TRI-TAC tropospheric scatter radio terminal set (AN/TRC-170() (V)) IOT E Air Force Evaluation Report	1980
19810078053	Development test and evaluation of digital data modem MD-165(P)/G (radio modem AN/GRC-103)	1980
19810078054	Airborne SATCOM Terminal SHF antenna coverage simulation demonstration	1980
19810078055	Magnetostatic wave propagation in periodic structures	1980
19810078056	Independent evaluation report for transceiver multiplexers, TD-1288 and TD-1289 operational test 2	1980
19810078057	CCD radar processor development	1980
19810078058	Initial operational test and evaluation (10T/E). Aircraft wireless intercom system	1980
19810078059	Airborne command post (E-4B) follow on test and evaluation test plan	1980
19810078060	Evaluation of conventional and adaptive antenna systems	1980
19810078061	Carrier sense multiple access with message-based priority functions	1980
19810078062	Tactical antenna conceptual design and development	1980
19810078064	Additional tilted-beam antenna topics (U)	1980
19810078083	Effect of conditions of an electrical explosion of a conductor on a voltage pulse	1980
19810078084	Discharger	1980
19810078085	Diode-transistor key	1980
19810078086	Ring-shaped commutator on thyristors	1980
19810078087	The establishment of electrical and mechanical tolerances for TWT cost reduction by experimental beam analysis in a PPM focusing system	1980
19810078088	Effect of penetrating radiation on electronic equipment	1980
19810078092	Instability of properties of the surface and body of thin cadmium selenide layers	1980
19810078094	Test of UHF/T/R modules	1980
19810078095	Engineering development for 18mm third generation, 0.9 micrometers wafer intensifier tubes	1980
19810078096	Engineering development for 18 mm third generation, 0.9 micrometer wafer intensifier tubes	1980
19810078097	Engineering development for 18-mm third generation, 0.9 micrometers wafer intensifier tubes	1980
19810078098	DSCS III-10 watt X-band Solid State Amplifier device reliability testing study	1980
19810078099	The 18mm third generation wafer intensifier tube MM and T program	1980
19810078100	High-power, coupled-cavity, pulsed traveling wave tube amplifier for a millimeter wave coherent radar system	1980
19810078101	Failure analysis techniques for electronic devices	1980
19810078103	Expendable traveling-wave tube manufacturing technology program	1980
19810078104	Surface acoustic wave convolver	1980
19810078105	Expendable TWT manufacturing technology	1980
19810078107	Ku-band integrated solid state power amplifier	1980
19810078108	Band 7 PPM Traveling Wave Tube (U)	1980
19810078110	Manufacturing technology for I-J band single bottol dual mode traveling-wave tubes, volume 2: Appendix (U)	1980
19810078111	Dynamics of non-Newtonian fluids	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078112	Turbulent detached flows, part 1	1980
19810078113	Turbulent detached flows, part 2	1980
19810078114	An experimental and analytical study of the feasibility of boundary layer trips on the Mk 12 a reentry vehicle. Volume 1: Wind tunnel tests	1980
19810078115	Wind tunnel tests of wire dispensing at Mach 10	1980
19810078116	Lithographic scanning techniques	1980
19810078117	Design, development and testing of a gauge to measure surface forces on ablating test specimens	1980
19810078118	Calibration and operation of a psychrometric cell for testing air conditioners	1980
19810078119	Effect of the increase of light erosion of metals with the simultaneous action of laser radiation and ultrasound	1980
19810078120	Investigating the reflection of laser radiation during its destructive effect on opaque dielectrics	1980
19810078121	Pulsed electroionization CO2 laser with self-contained supply	1980
19810078122	At the last minute	1980
19810078123	Vibrational relaxation of molecules and gas-dynamic lasers	1980
19810078125	Optimization of parameters for gain-expanded excitation cancelling free electron lasers	1980
19810078126	Gain and saturation in excitation cancelling gain-expanded free electron lasers	1980
19810078127	Optics for the free-electron laser	1980
19810078128	Chemical pump advanced concepts program	1980
19810078129	Generation of platelet lasers using the single crystals ZNX CD(1-x) SCdS(1-x) and CdS under single photon optical excitation	1980
19810078130	Failure analysis of two laser mirrors	1980
19810078131	Theory of the isochronous storage ring laser	1980
19810078132	Equations of motion for a free electron laser with a transverse gradient	1980
19810078133	Agile beam lidar	1980
19810078134	The 1.55-micrometer injection lasers and photodetectors grown by vaporphase epitaxy	1980
19810078136	HELLFIRE laser seeker model description and validation (U)	1980
19810078144	Welding production in the USSR in 1977, statistical summary	1980
19810078146	Evaluation of the Worthington Model 20 NL30 high pressure, oil free air compressor	1980
19810078147	Laboratory evaluation of a developmental tread tire for C-130 aircraft. Part 1: Evaluation results	1980
19810078152	Structural analysis of the 30 mm thin wall steel cartridge case for the advanced attack helicopter	1980
19810078153	On the properties of convergence of the collocation method	1980
19810078154	Effect of the accuracy of a marine survey's geodetic tie on the error of interpolation	1980
19810078155	Taking satellites laws of motion into accounting in analytical phototriangulation problems	1980
19810078156	Reflective scanning cursor	1980
19810078157	Imagery area coverage indexing system	1980
19810078158	Activities in the field of photoelectric solar cells in the Federal Republic of Germany	1980
19810078159	Tomorrow's sources of electricity	1980
19810078160	Semiconductor solar cells	1980
19810078163	Required Operational Capability (ROC) number log 1.48 for a clothing system, ground Combat Vehicle Crewman (CVC)	1980
19810078164	The development of thermal undergarments for diver's dry suit	1980
19810078165	AV-8B human engineering environmental report	1980
19810078166	Study of reactive materials for development of new protective clothing concepts	1980
19810078167	Short course on exploratory data analysis, 18-20 March 1980	1980
19810078169	Prospects for the development of computer technology	1980
19810078170	AYK-14 based 16 bit microprocessor evaluation (TI-9900, INTEL-8086, ZILOG-28000, Motorola-68000)	1980
19810078171	Microwave pulse storage system	1980
19810078172	MNOS memory card development and characteristics	1980
19810078173	Research on image enhancement algorithms, phase 1	1980
19810078174	A concept for controlling remote access to computer networks, volume 1	1980
19810078175	Theory of the nonlinear automatic regulation systems and and control	1980
19810078177	Calculation and experimental determination of the distribution of current density through the electron beam cross section	1980
19810078178	Manufacturing Methods and Technology (MM&T) measure to establish automated production processes for intagliated fiber optic phosphor screens	1980
19810078180	Short optical pulse receiver with a logarithmic amplitude characteristic	1980
19810078181	Study of polarization effects in birefrinsent single-mode optical fibers	1980
19810078182	Manual on the bases of infrared technology, part 2	1980
19810078183	ANVIS image intensifier assembly ED program	1980
19810078184	D3 optical processor	1980
19810078185	Electro-optics development	1980
19810078186	Critical Optics Technology (COT)	1980
19810078187	Advanced hardened mosaic technology (U)	1980
19810078191	The coaxial MHD generator	1980
19810078192	Fourth all-union conference on plasma accelerators and injectors. Abstracts of reports	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078193	Manufacturing methods and technology for epitaxial growth of GaAsP material for use in the manufacture of Light Emitting Diodes (LEDs) for the common module FLIR	1980
19810078195	Gigahertz SOS technology	1980
19810078196	CdTe substrate development	1980
19810078197	The CdTe substrate development	1980
19810078198	Albert Einstein and the theory of space, time and gravitation	1980
19810078199	Advanced data processing concepts	1980
19810078200	The first space radio telescope	1980
19810078201	A facility for vehicle accident testing with a linear motor as drive	1980
19810078202	Air Force Technical objective document, Fiscal Year 1982	1980
19810078204	Solution of the transonic small-perturbation equation for two-dimensional flow past aerofoils in wind tunnels	1980
19810078213	Miniature kill vehicle BMD technology program (U)	1980
19810078218	Special evaluation report. Seek Skyhook, Cape Canaveral, Florida evaluation dates 15 April to May 1980 (U)	1980
19810078220	Multistatic radar concept study (U)	1980
19810078222	Storage ring free electron laser	1980
19810078223	Cancellation of transverse excitation in gain expanded free electron lasers revision	1980
19810078224	F404-GE-400 official altitude qualification test (U)	1980
19810078230	A study of one-versus-two-seat target acquisition/weapon delivery (U)	1980
19810078233	An improved Infrared Detection and Acquisition system (U)	1980
19810078234	Common Module Retrofit (CMR), volume 1 (U)	1980
19810078235	Journal of Naval Science, volume 6, no. 4	1980
19810078236	The mechanisms of abrasive machining	1980
19810078237	Vosper Thornycroft hovercraft	1980
19810078238	The Defence Research Information Centre. Part 1: Origins, history, literature resources, services and report processing	1980
19810078239	The Defence Research Information Centre. Part 2: Application of computers and reprographic Services in DRIC	1980
19810078240	Proposed investigation into the use of regenerative heat exchangers in diving life-support systems	1980
19810078242	AV-8B Human Engineering Maintenance/Accessibility Report. Volume 3: AFT fuselage	1980
19810078243	Enthusiasts for Technical Progress	1980
19810078244	Logistics service test. Delta "P" sensor supply line filter	1980
19810078246	AV-8B 15 per cent scale intermediate Angle-Of-Attack test in the NASA Aims 14 foot (ARC) transonic wind tunnel	1980
19810078248	AV-8B 15 per cent scale aerodynamic test in the NASA-Ames 14 foot (ARC) transonic wind tunnel (series 2)	1980
19810078249	Compatibility test of the CTU-2/A on the F-111 aircraft	1980
19810078250	Analysis of thermal response of Air Force stores: Comparison of flight data with analytical calculations	1980
19810078253	Man-Seat Separators Mark 82 Mod O and Mark 90 Mod O surveillance evaluation	1980
19810078254	Exploitation of the results of crash tests with the Gazelle helicopter and the KRASH mathematical model, volume 2	1980
19810078255	Exploitation of the results of crash tests with the Gazelle Helicopter and the Krash Mathematical model, volume 1	1980
19810078260	Test results of the Singer, Kearfott Division, modified land navigation system	1980
19810078262	Global positioning system jamming to signal ratio analyses	1980
19810078264	Field control of the operation stability of RDS-2 airborne radio rangefinder systems sets	1980
19810078273	Phase 1 follow-on flight test program of the YAV-8 B aircraft	1980
19810078274	Model EA-6B aircraft, ACLS performance tests	1980
19810078275	Simulation analysis: Unorthodox control force fighter aircraft. Volume 1: Executive summary	1980
19810078276	Fabrication and test of large fillet radius composite skin-to-skin joints	1980
19810078277	Investigation of F-16 landing gear alternatives for operation on repaired, bomb damaged runways. Volume 1: Executive summary	1980
19810078278	Investigation of F-16 landing gear alternatives for operation on repaired, bomb damaged runways, volume 2	1980
19810078279	Investigation of F-16 landing gear alternatives for operation on repaired, bomb damaged runways. Volume 3: Appendices	1980
19810078280	Multiple tactical aircraft performance evaluation. Volume 1: Program formulation	1980
19810078281	Evolved technology for fabrication and aircraft applicability of a preactivated sealant self-seal fuel tank	1980
19810078282	Integral fuel tank test criteria and methods	1980
19810078285	Analysis of the probability of survival of a close air support aircraft under the control of a ground based TPQ radar system	1980
19810078286	Composite forward fuselage development. Volume 1: Design, fabrication, and test fabrication, and test	1980
19810078288	AV-8C final flight test report, revision A	1980
19810078291	Surveillance: Navy fleet-returned AH-1J helicopter canopy removal system	1980
19810078295	AV-8B engine/airframe interface control document, revision A	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078296	C-130 unstretched center fuselage finite element model	1980
19810078298	Manufacturing technology program for high burnout silicon Schottky-barrier mixer diodes for Navy air to air avionics	1980
19810078299	Armament and avionics planning guidance	1980
19810078304	Manufacturing technology program for high burnout silicon Schottky-barrier mixer diodes for navy air to air avionics	1980
19810078305	Isothermal rolling of titanium engine rings	1980
19810078306	TACOM advanced turbine engine studies. Phase 6: Cooled/ceramic coated components	1980
19810078307	Reactions of SO ₂ -SO ₃ with CO ₃ O ₄ -NA ₂ SO ₄ in relation to low temperature hot corrosion and engine gas analysis	1980
19810078308	Variable-geometry combustor development	1980
19810078310	Additional demonstration of active wing/store flutter suppression systems	1980
19810078312	Flutter of control surfaces with structural nonlinearities	1980
19810078316	Development of full visual display for total mission simulation	1980
19810078317	Fusion, crystallization and phase transformation in weightlessness: The Soyuz-Apollo Universal Furnace experiment	1980
19810078318	AIM-7F follow-on operational test and evaluation extended captive-carry program, phase 3	1980
19810078322	Air transportability test of PATRIOT air defense system	1980
19810078323	Multitarget handoff technology survey	1980
19810078324	Copperhead seeker performance in the HWIL simulation	1980
19810078325	SIG-D T22 missile description	1980
19810078326	Change in photoelectric properties of CdS single crystals after the action of laser light pulses	1980
19810078328	V/STOL aerodynamics and stability and control manual	1980
19810078329	Theory of rocket engines	1980
19810078330	Life performance evaluation of 22N (5 pound force) hydrazine attitude control engines	1980
19810078331	Highly refractory composition coatings	1980
19810078332	Statistical mechanics of composite materials	1980
19810078333	Multiple impact modeling of composites	1980
19810078334	Exploratory development of in-process yarn bundle properties	1980
19810078335	Fabrication of thin-gage graphite-aluminum woven composite	1980
19810078337	Comparison of two TWCP materials pan and fm5055a	1980
19810078338	Application of composite materials to space structures	1980
19810078339	HMX deflagration and flame characterization. Volume 3: Description of computer program and operating manual nitramine monopropellant flame model (NIRCOM and NTRCND) computer manual	1980
19810078340	Effect of aluminum additives on the effectiveness of the action of combustion catalyst Fe ₂ O ₃	1980
19810078341	The influence of annealing in air on the structure, chemical composition, and electrical properties of thin cadmium selenide layers	1980
19810078342	Manufacturing technology for the application of low temperature photochemical silicon nitride to microelectronic packaging	1980
19810078344	GOST 5439-76. Natural and synthetic combustion gases method for determining the component composition using a GKHL-type gas analyzer	1980
19810078345	Effect of phosphorus on combustion of polymethyl methacrylate	1980
19810078346	Carbon its reaction with the metals	1980
19810078347	Decomposition of metals	1980
19810078348	Structural life prediction/correlation program. Low cycle fatigue and fracture mechanics as applied to life prediction of Ti-6AL-4V	1980
19810078353	Compression testing of metals at elevated temperatures	1980
19810078354	Certain properties of alkali metal aluminum hydrides	1980
19810078355	Ultrasonic monitoring of hardening of thermohardening polymers	1980
19810078356	Plastics (selected articles)	1980
19810078357	Synthesis of monomers and polymers for evaluation, part 9	1980
19810078358	Flexible fabrics from TaC-loaded carbon yarns	1980
19810078359	Linings for concrete fuel storage tanks	1980
19810078360	A survey of MMM-A-132 structural adhesive performance properties	1980
19810078361	VK-18 heat-resistant adhesive	1980
19810078362	New Bulgarian Polyamide-Based structural plastics	1980
19810078364	Electromagnetic wave absorbing composite paints	1980
19810078366	Method of brittle strain-sensitive coatings	1980
19810078369	Processing of Rod-like Polymers	1980
19810078370	The synthesis of phosphazene-containing epoxy resins	1980
19810078371	Freeze-resistant plasticizers for polyvinylchloride	1980
19810078372	A new freeze resistance evaluation criterion for polymer coatings	1980
19810078373	Structural dependence of orientation processes in fibers and films of flexible and rigid chain polymers	1980
19810078374	Prototype equipment for the continuous automated production solvent type multibase cannon propellant. Volume 5: Drying, nitroglycerin stripping, packing	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078375	High-resistance semiconductor materials for thermo-electric cooling systems	1980
19810078376	Cryogenic radiator test unit	1980
19810078377	Cryogenic fluorine supply system study report	1980
19810078378	Analysis of alternative satellite channel management systems	1980
19810078379	Television sets for 1980	1980
19810078380	HF radio communication system design assessment Technical task report 3.2D. Definition of exploratory development areas	1980
19810078384	The 2D Binary Compression System	1980
19810078385	Magnetostatic wave propagation in periodic structures	1980
19810078386	Sidelobe characteristics of the NATO phase 2 satellite ground terminals	1980
19810078387	The design and construction of a probe positioner for electromagnetic field measurements	1980
19810078388	Development test and evaluation of Modem, Cable Driver, MD-1023()/G (low speed cable driver modem), change 1	1980
19810078389	Development test and evaluation of modem cable driver MD-1025()/G (remote loop group multiplexer cable driver), change 2	1980
19810078391	Performance of optimum and suboptimum detectors for spread spectrum waveforms	1980
19810078392	Experimental Selective Antenna Coupler System (SACS)	1980
19810078393	Shielding of pulsed electromagnetic waves	1980
19810078394	Standardization for mitigation of High-altitude Electromagnetic Pulse (HEMP)	1980
19810078395	Development of high-altitude electromagnetic pulse design practices	1980
19810078396	Non-satellite relay platform study	1980
19810078397	An assessment of speech intelligibility performance of the Marconi Growler Vocoder	1980
19810078398	Proceedings of the adaptive antenna symposium 1980, US Air Force Academy, volume 1	1980
19810078399	Proceedings of the adaptive antenna symposium 1980, US Air Force Academy, volume 2	1980
19810078403	Video Data Processor development	1980
19810078404	Picture Description Instruction (PDI) coding for television terminals	1980
19810078408	Analysis of a planar antenna array in a reentry environment	1980
19810078409	Communications systems and radio relay links	1980
19810078410	Advanced electron device technology	1980
19810078411	Tapping energy from an inductive storage by means of a heavy-duty gated switch	1980
19810078412	Development of technologies and procedures for advanced microcircuit prototype fabrication	1980
19810078413	Composite ceramic helix traveling-wave tube	1980
19810078414	Electric resistance of solid lithium cation electrolytes in a Li ₄ SiO ₄ -Al ₂ O ₃ system	1980
19810078415	Median filters and their application to image processing	1980
19810078416	A problem dealing with modeling of a field in a diode with a multipoint cathode	1980
19810078418	Gas discharge current breaking mechanisms	1980
19810078419	Vacuum switch	1980
19810078420	Pneumoelectric integrating device	1980
19810078421	High-voltage nanosecond pulse generator	1980
19810078423	Calculation of the cut-off current in vacuum switches	1980
19810078424	Effect of air flow on the electrical strength of a gap with a non-homogenous field	1980
19810078425	Non-contact relay with pulse control	1980
19810078428	Mechano-optical calculating device	1980
19810078429	Multi-threshold logic element	1980
19810078430	Development of third generation image tubes	1980
19810078431	Manufacturing Methods and Technology (MM and T) for 18 mm third generation 0.9 micron wafer intensifier tubes	1980
19810078432	Generation 3 25-mm photocathode Manufacturing Methods and Technology (MM and T)	1980
19810078435	Project briefs	1980
19810078436	Diode combining techniques	1980
19810078438	Relativistic high-frequency electronics	1980
19810078439	On the improvement of separating properties of a turbulent boundary layer as a result of the effect of a shock wave	1980
19810078440	The flow of a compressible gas through an aggregate of mobile reacting particles	1980
19810078441	Optical techniques applied to the analysis of particulate matter in flames and gas flows. Dynamic surface temperature measurements of fragments and other objects by optical techniques	1980
19810078446	The development of holography in Czechoslovakia	1980
19810078448	Aircraft radio test instruments	1980
19810078449	The utilization of holographic interferometry in aeronautical research	1980
19810078450	Scaling relations for the power output of gain expanded storage ring free electron lasers	1980
19810078451	CO ₂ laser beamrider receiver	1980
19810078452	Single-frequency tunable He-Ne laser	1980
19810078453	On the measurement of absorption losses of thin layers by means of a CW dye laser	1980
19810078454	Long-life helium-neon laser	1980
19810078455	Problem of the gamma laser	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078456	On the spatial distribution and modes of laser generation of lobed monocrystals CdS sub - x Se sub x with single-photon excitation	1980
19810078457	High-pressure HeAr laser	1980
19810078458	Raman down-conversion scaling demonstration	1980
19810078459	Excimer laser technology, design and test of a high-PRF mercuric-halide laser	1980
19810078460	A numerical analysis of a laser spark occurring in a dense gas close to a metallic target	1980
19810078465	Experimental unit for investigating submillimeter-range lasers with optical pumping in the pulse mode	1980
19810078468	A-6E nose landing gear rebuilt tires manufactured by Air Treads, Incorporated, final qualification and service suitability	1980
19810078469	Practice gives an evaluation	1980
19810078470	Dry friction bearings (chapter 2 and bibliography)	1980
19810078471	Laboratory evaluation of a developmental replaceable tread tire for C-130 aircraft. Part 2: Test data (appendixes)	1980
19810078473	Low vibration gears	1980
19810078474	Evaluation of the Worthington Class S, 200 cubic feet/min, 125 lb/square inch, low-pressure, oil-free air compressor	1980
19810078475	A multi-effect two-stage roots compressor for aircraft cooling applications	1980
19810078476	Development of an immersed ultrasonic inspection technique and test system for inspection of SPARROW warhead weldments	1980
19810078477	Spatial problems of the theory of elasticity. Use of methods of the theory of complex variable functions	1980
19810078481	Shock and structural response characterization of a special carbon material	1980
19810078482	M-8 scanner design modifications for bathymetry mapping	1980
19810078483	The role of science as a productive force in the development of agriculture	1980
19810078484	System for measuring areas on maps and aerial photographs by optical features	1980
19810078485	Study of the earth from space (selected articles)	1980
19810078486	Modern techniques and experiments in dynamic satellite geodesy, part 1	1980
19810078487	Broadened capabilities in electrostatic bonding for solar cell cover glasses	1980
19810078488	Common pressure vessel nickel-hydrogen battery	1980
19810078489	The determination of the degree of the charge and the testing of mercury oxide-zinc primary batteries	1980
19810078490	Rechargeable batteries	1980
19810078491	Solar energy and decentralized electricity production: Low-power solar pumps and installations	1980
19810078492	Single-crystal silicon solar cells and their interconnection in modules	1980
19810078493	Contemporary problems and prospects of satellite geodesy	1980
19810078495	Seasonal cloud amount and cloud-free line-of-sight data for the Norwegian Sea. Report no. 15 of the OCAMO project	1980
19810078497	Seasonal cloud amount and cloud free line of sight data for the Southern South China Sea. Report no. 16 of the OCAMO project	1980
19810078500	Modern problems of agricultural meteorology in the solution to problems in selection and plant growing	1980
19810078501	Lightning damage assessment and hardening of a wave staff transducer	1980
19810078502	Descriptive analyses of January 1978 Antarctic RES missions flown by ARDSconfigured LC-130 aircraft	1980
19810078505	Prophylactic effect of physical training in the case of antiorthostatic hypokinesia in healthy persons	1980
19810078507	Effects of combat vehicle interior light colors on dark adaptation and detection by night vision devices	1980
19810078508	Controlling alertness: Flight and psychology	1980
19810078511	Main concern	1980
19810078512	Getting to know psycho-biophysical reality	1980
19810078515	Hygienic principles for the design of cold weather protective clothing	1980
19810078516	For prolonged space flight	1980
19810078518	Method of correcting errors in the transmission and arithmetic processing of data in digital computers	1980
19810078520	Pershing 2 digital area correlator model	1980
19810078522	Validation of software engineering techniques	1980
19810078523	Maximum a posteriori line extractor: A computer program description	1980
19810078524	Cybernetics and dialectics	1980
19810078525	Threshold logic	1980
19810078526	Fourier analysis of gridfunctions, prolongations and restrictions	1980
19810078527	Convergence and stability analysis for modified Runge-Kutta methods in the numerical treatment of second kind Volterra integral equations	1980
19810078528	Assembly for determining the statistical characteristics of random processes	1980
19810078532	Revision of acoustic detection range prediction model based on psychoacoustic study of low frequency masking	1980
19810078533	Objective and subjective sound attenuation provided by individual hearing protectors	1980
19810078534	Sound insulation of pipes with elliptical cross-section	1980
19810078535	A method of collective (coherent) ion acceleration	1980
19810078536	Linear accelerators of electrons	1980
19810078537	Electron accelerators of the Tomsk Polytechnic Institute	1980
19810078538	General-purpose radiation technology	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078540	Infrared emissions analysis utility matrix for inflight aircraft. Volume 2: Analyst manual	1980
19810078541	Opto-electronic pair	1980
19810078542	Analysis of cable connectivity requirements and fiber optic tactical applications, volume 2	1980
19810078543	A summary of simulation techniques for compensated imaging systems	1980
19810078545	Axicon high reflectors	1980
19810078546	Two-color infrared image processing for target detection and its implementation on a microcomputer	1980
19810078548	Electro-optic beamformer, volume 2, appendix A1	1980
19810078549	Low pressure air conductivity	1980
19810078551	Diffusion of oxygen into a thin layer of cadmium selenide	1980
19810078552	Crystals from space	1980
19810078553	Government-furnished equipment: An analysis of the decision-making process	1980
19810078554	Who controls the automatic equipment: Combat command and control	1980
19810078556	The effectiveness of capital building, book 1, (sections 1 and 10)	1980
19810078560	Test and evaluation of two crashworthy troop seat concepts	1980
19810078561	ESCAPAC replacement ejection seat program	1980
19810078562	Calculation of the stresses caused in the collapse of reinforced panels at the sides and corners	1980
19810078563	Results of crash tests with the SA-330 Puma helicopter	1980
19810078564	HP-67 star sight/fix position reduction	1980
19810078565	Navy technical evaluation of the production AN/ASN-123 tactical navigation set in the SH-3H helicopter	1980
19810078567	The validation of the deterministic navigation simulation for the improved accuracy program	1980
19810078568	Quality assurance tests of Singer-Kearfott SKN-2430 preproduction candidate Standard Inertial Navigation Systems (Project 2258). Volume 1: Master summary	1980
19810078569	Quality assurance tests of Singer-Kearfott SKN-2430 preproduction candidate Standard Inertial Navigation System (Project 2258). Volume 2: Laboratory performance tests	1980
19810078570	Quality assurance tests of Singer-Kearfott SKN-2430 preproduction candidate Standard Inertial Navigation System (Project 2258). Volume 3: Flight tests	1980
19810078571	Quality assurance test of Singer-Kearfott SKN-2430 preproduction candidate Standard Inertial Navigation System (Project 2258). Volume 4: Qualification tests	1980
19810078572	Composite forward fuselage preliminary development	1980
19810078573	YAV-8B advanced V/STOL composite torque box development	1980
19810078574	Simulation analysis: Unorthodox control force fighter aircraft. Volume 2: Detailed summary	1980
19810078577	Composite forward fuselage development. Volume 2: Appendixes	1980
19810078579	Advanced Scout Helicopter Special Study Group (ASH SSG). Volume 1: Executive Summary	1980
19810078580	Aircraft and helicopter radio equipment checking and testing apparatus catalogue of the all-union export-import association "laedspost"	1980
19810078581	Development of ceramic turbine components for vehicular gas turbines	1980
19810078582	F404-GE-400 official altitude qualification test	1980
19810078583	Installed Turbine Engine Survivability Criteria (ITESC)	1980
19810078585	Government evaluation of a mini-RPV engine developed by Teledyne Continental Motors	1980
19810078586	Independent evaluation report, Self-propelled Crane, Aircraft Maintenance and Positioning (SCAMP)	1980
19810078587	Failure mode effects and criticality analysis for the CVN 68, CVN 69 and CVN 70 C13 mod 1 catapult installations	1980
19810078589	Air weather service test participation plan AGM-65D IR maverick initial operational test and evaluation. Annex H	1980
19810078591	The Second Echelon Attach Missile (SEAM): A context for lock-on-after-launch algorithm development	1980
19810078592	Ballistic Missiles Defense Technology Assessment Methodology	1980
19810078598	Nested cone expandable exit cone demonstration program, volume 1	1980
19810078599	Nested cone expandable exit cone demonstration program. Volume 2: Appendices A-D	1980
19810078600	Nested cone expandable exit cone demonstration program. Volume 3: Appendices E-G	1980
19810078601	Machinery of the installations of scrubbing of gas	1980
19810078602	Physics and chemistry of processing of chemicals	1980
19810078603	Gruneisen parameter measurements for kevlar and epoxy	1980
19810078604	Manufacturing multilayer rigid-flex harnesses	1980
19810078605	Passive Thermal Protection Materials (PTPM), phases 1, 2, and 3	1980
19810078606	Ablative material analysis and guidance	1980
19810078607	Evaluation of carbon fiber hold-down fixants	1980
19810078609	The infrared spectral absorption characteristics of selected common minerals	1980
19810078614	Ferrite phasers. Part 1: Standards for ferrite materials	1980
19810078615	Investigation of polyimide-based self-lubricating thermo-stable materials	1980
19810078616	The storability of heavy metal complex lubricants	1980
19810078617	New cycloaliphatic epoxyimide oligomers	1980
19810078618	The effect of the m-carborane group content on the thermal stability of carborane-containing polyarylates	1980
19810078619	Advanced optical ceramics, phase 2, book 2	1980
19810078620	Radiation cure of binders	1980
19810078621	Slag from spinning space motor propellants	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078623	Solid fuel development	1980
19810078624	Propulsion review: Solid propellant motor and gun propulsion research and exploratory development programs sponsored by the Naval Sea Systems Command	1980
19810078625	Pyrotechnical safety of structures for the storage of explosive materials	1980
19810078628	Erosion destruction of the pistons and heads of a diesel running on gasoline and methods for protecting them	1980
19810078630	Development test and evaluation of multiplexer TD-1235()/TTC(Loop group multiplexer)., change 1	1980
19810078631	Satellite communications jamming signals and their detection by acousto-optic spectrum analyzer techniques	1980
19810078632	Principles of the spectral theory of signal recognition. Report 2: Steady signals	1980
19810078633	Concept evaluation program of the millimeter wavelength radio, phase 3	1980
19810078635	Digital analyzer of the frequency fluctuation spectrum of signals	1980
19810078636	Change in electrical conductivity of cadmium selenide films during their deposition on a backing	1980
19810078637	Microwave Crystal Controlled Oscillator on a Chip	1980
19810078638	Microwave crystal controlled oscillator on a chip, volume 1	1980
19810078639	Optical measurements program, section 5	1980
19810078640	Low power silicon MESFET technology	1980
19810078641	Multielectrode spark gap	1980
19810078643	The electrical strength of IVS-300/5 ignitrons	1980
19810078644	The State-of-the-Art	1980
19810078645	Intensification of heat exchange on the hot end of a thermoelectric cooling device by an artificial porous layer	1980
19810078646	Increase of effective film speed of KC-film with fluorescent toners	1980
19810078647	Calculation of the electrical fields and deforming forces in phase reliefography systems	1980
19810078648	Calibration of a Michelson interferometer spectrometer	1980
19810078649	The 140 GHz radiometer	1980
19810078650	Carbon-manganin gage development	1980
19810078653	Some characteristics of a chemical co2-laser in atmospheric air	1980
19810078655	Military tires, technical end-item specifications	1980
19810078657	Manufacturing technology for low-cost composite fasteners	1980
19810078659	Static loading of shallow-buried model cylinders, phase 3	1980
19810078660	Principles of the spectral theory of signal recognition. Report 1: Non-steady signals	1980
19810078661	Dynamic fracture of solids	1980
19810078680	Solar generator power supply systems for space travel and terrestrial use	1980
19810078681	Automatic charging device of capacitive storage elements	1980
19810078682	Earthquake forecasting by deep electric probing of the earths crust with the "Pamir-1 MHD Generator	1980
19810078684	Review of wave propagation techniques for determining the in situ high-amplitude shear behavior of geologic materials	1980
19810078685	Seasonal cloud amount and cloud-free line-of-sight data for the Midway Island area	1980
19810078686	Discriminant analysis of the diurnal oscillation of stratus over southern California	1980
19810078687	Global interaction of ocean and terrestrial tides	1980
19810078688	Measured radiation and heat fluxes at the tropical ocean surface	1980
19810078690	In the world of scientific intuition, intuition reason	1980
19810078692	User device for communication with the computers	1980
19810078693	Design of digital recursive filters	1980
19810078694	Microprocessor based digital controller	1980
19810078695	Higher order language for high throughput horizontal microprocessors: Project analysis and summary	1980
19810078696	Determination of the structure of a discrete system for transmission of monitoring information on the basis of statistical criteria	1980
19810078697	Correcting arithmetic codes in a system of remainder classes	1980
19810078698	Journal of experimental and theoretical physics (selected articles)	1980
19810078699	Accelerating system LIU-5/50000-1	1980
19810078700	Linear induction accelerator	1980
19810078701	Manual on the bases of infrared technology, part 1	1980
19810078702	Science: An all-seeing eye	1980
19810078704	Spectroscopy of crystals: Materials of the third symposium on the spectroscopy of crystals activated by rare earth and transitional metal ions	1980
19810078706	Science art of making decisions	1980
19810078707	Science conducts a search. A library in the palm	1980
19810078708	Multi-source data base development. Volume 1: Introduction	1980
19810078709	Multi-source data base development. Volume 3: Requirements analysis	1980
19810078710	Multi-source data base development. Volume 4: Related materials	1980
19810078711	Multi-source data base development. Volume 5: Conclusions, recommendations and appendices	1980
19810078712	Multi-source data base development. Volume 6: Bibliography and glossary	1980
19810078713	Multi-source data base development. Volume 7: Executive summary	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078714	Drive systems for electric cars	1980
19810078715	Discoveries of Soviet scientists (selected pages)	1980
19810078736	Aeritalia, Italian aircraft manufacturer	1980
19810078738	Aerodynamic interference due to optical turrets	1980
19810078739	Crash tests performed on the Gazelle SA 341 helicopter. Evaluation of damage to personnel	1980
19810078746	The F-16 follow-on operational suitability test and evaluation, Phase 2	1980
19810078747	Design guide for armoring critical aircraft components to project from high explosive projectiles	1980
19810078748	Parked aircraft vulnerability/survivability assessment procedure	1980
19810078749	Aircraft Wireless Intercom (AWIC) system	1980
19810078750	High speed automatic weapons. Volume 2: Computerized gun aircraft description	1980
19810078751	High speed automatic weapons, volume 1. Book 2: Prediction of high-velocity automatic gun characteristics: Analyst's manual	1980
19810078754	High speed automatic weapons, volume 1. Book 1: Prediction of high-velocity automatic gun characteristics: Analyst's manual	1980
19810078755	Composite wing/fuselage program	1980
19810078757	A-4 fuel-saving technology applications study	1980
19810078760	The A-7E/HP-41C pocket-sized flight performance advisory system, phase report	1980
19810078763	Carbon/carbon composites for advanced turbine engine exhaust nozzles	1980
19810078764	The curling. A pyrotechnic igniter for turbojet engine	1980
19810078765	High bypass turbofan component development	1980
19810078766	A study of the operation of ignition triggering devices in the self-excitation system of the TGV-200 turbogenerator	1980
19810078770	Operational test and evaluation, test loading M-1000 crash rescue vehicle	1980
19810078777	The ELMA Program: French experiments in space metallurgy on board the Salyut 6	1980
19810078780	Chamber for simultaneous measurement of oxygen chemiluminescence and concentration	1980
19810078781	Retransmission of oceanographic data from an automatic buoy station by means of the KOSMOS-426	1980
19810078782	The "Souffler" calculation program for the study of variable section shock tubes	1980
19810078786	Method of measuring aerosol concentrations	1980
19810078788	A situation that should not exist (electrical failure on the Salyut 6 - Soyuz 32)	1980
19810078791	Propulsion review. Solid propellant motor and gun propulsion research and exploratory development programs sponsored by the Naval Sea Systems Command, October - December 1980	1980
19810078799	Solution of a multi-criterion problem of optimal design of multilayer panels	1980
19810078800	Characterization of ablated heatshield materials	1980
19810078803	Carborane synthesis, phase 2	1980
19810078806	Aerodynamic levitation reactor studies of fluorine reactions with refractory ceramics	1980
19810078807	New steels and alloys and chemical and thermal treatment	1980
19810078808	Metastable phase equilibrium diagrams for the alloys of certain ternary uraniummolybdenum, niobium and zirconium system sections	1980
19810078809	Corrosion of uranium and its alloys	1980
19810078810	Activated metal thermal life increase	1980
19810078811	Titanium alloy engine castings	1980
19810078812	Some problems of calculating powder metallurgy product cost	1980
19810078813	Effect of complex alloying on the structure, phase composition, and properties of steels and the industrial use of steels	1980
19810078814	Methods of evaluating the crack resistance of structural materials	1980
19810078815	The age of new materials	1980
19810078819	Research to develop process models for producing a dual property titanium alloy compressor disk	1980
19810078821	Sequential forming of sheet metal parts	1980
19810078825	Dynamic thermogravimetry investigation of rigid polyurethane levoglucosan foams	1980
19810078826	Rubber with increased freeze resistance for use in nitric acid	1980
19810078827	The electrolytic precipitation of protective antifriction coatings from aqueous media	1980
19810078828	Analysis of silicate ester coolant/dielectric fluids	1980
19810078829	Structural characteristics, properties, and areas of application of SiC-based polycrystalline materials	1980
19810078830	Rubber: Determination of hardness	1980
19810078833	Manufacturing methods and technology program to develop advanced methods for fabricating germanium arsenic selenium glass	1980
19810078834	Thermal properties of oligocarboranyl methoxysiloxanes	1980
19810078835	Structural and physico-chemical changes in elastic polyurethane foam in thermal duplication. Part 2: Effect of thermal duplication on physico-chemical changes	1980
19810078836	Decomposition process of urethane polymers	1980
19810078837	The synthesis and investigation of new polyheteroarylenes containing highly condensed heterocycles in the main macromolecule chains	1980
19810078838	Synthesis and study of polymers based on chlorocyclophosphazenes and aromatic tetramines	1980
19810078839	Biodegradation of synthetic polymer compounds	1980
19810078840	Polymeric materials for advanced aircraft and aerospace vehicles	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078841	Fasil integral fuel tank sealants, part 2	1980
19810078842	Physical chemical studies of polymers with rod-like backbone elements	1980
19810078845	Water-fuel emulsions	1980
19810078846	Ballistic control of solid propellants	1980
19810078847	Metal, machines, quality: Electroslag and vacuum remelting	1980
19810078848	Conversion of United Kingdom technical data to a US technical data Package for the L8A1 red phosphorus smoke screening grenade	1980
19810078850	Cryogenic radiator test unit thermal vacuum test	1980
19810078851	USSR report: Electronics and Electrical Engineering	1980
19810078852	Reduction of nonlinear distortions in reception of FM signals by using a two ring tracking filter circuit	1980
19810078853	Comment on the article Accuracy of Measuring the Frequency and Angle of Arrival of Signals Received by an Antenna Array Against a Background of Interference with Acoustic-optoelectronic Processing	1980
19810078854	A study of the stability of an algorithm for the filtering of a pseudorandom signal subject to the action of similar capturing interference	1980
19810078855	Noncoherent correlation filtering of complex signals	1980
19810078856	Optimization of communication systems with noise-like signals and correcting codes	1980
19810078857	Resolution and compression of space time signals	1980
19810078858	Aspects of design of narrow band filters of surface acoustic waves	1980
19810078859	Evaluation of the effectiveness of determining parameters of the marine surface and atmosphere by SVCh (microwave) radiometry	1980
19810078860	Scanning device for contact-free measurement of temperature	1980
19810078861	Light beam splitter for calibrating the photometric scale of optical devices	1980
19810078862	Precision servo system for optical interferometers	1980
19810078863	Photocell with high time resolution for the vacuum ultraviolet	1980
19810078864	Dynamic holographic monitoring of internal heterogeneities of semiconductor materials in the near infrared region	1980
19810078865	Potential direction finding accuracy of tracking goniometers using amplitude and phase techniques	1980
19810078866	Analysis of cable connectivity requirements and fiber optic tactical applications, volume 1	1980
19810078867	Some problems of shaping nanosecond pulses in thyatron	1980
19810078868	Modulation of low-levels signals	1980
19810078869	Magnetostatic surface wave signal to noise enhancer	1980
19810078870	Principles of the spectral theory of signal recognition, Report 3: Time and spectral features	1980
19810078871	Choice of signals for discrete communications systems	1980
19810078872	Plenum mounted CW Doppler radar operability and performance demonstration	1980
19810078875	An evaluation of intelligibility performance of the DOD standard LPC-10 narrowband vocoder algorithm in an E2A aircraft cabin acoustic noise environment	1980
19810078876	The use of the principle of digital frequency synthesis to obtain phase-manipulated oscillations	1980
19810078877	Experimental appraisal of the frequency instability of a synchronized oscillator in a digital frequency system	1980
19810078878	AFSATCOM System Document, volume 2	1980
19810078879	Military Space Communications (MILSATCOM) Architecture, volume 1	1980
19810078880	Recognition of a class of pseudonoise signals by the method sequential dichotomy	1980
19810078881	Algorithm for determining the threshold function in the problem of estimating the time of arrival of a useful signal	1980
19810078882	Effects of broadband noise and signals on time quantizing data acquisition systems	1980
19810078883	Signal and noise passage through a two-channel receiver with a relative frequency shift	1980
19810078884	Receiving systems for separation of double orthobonal signals with a fading Rayleigh amplitude	1980
19810078885	Analysis and demonstration meteor burst communications for battlefield sensors	1980
19810078888	Selecting parameters for an intersatellite communication link	1980
19810078891	Development test and evaluation of multiplexer TD-1233(/)TTC (remote loop group multiplexer), change 1	1980
19810078893	Investigation of ways of decreasing the cut off current in vacuum switches	1980
19810078894	High-voltage pulse shaper	1980
19810078895	Spark gap of a rectifier discharger	1980
19810078896	Digital Scan Converter program configuration management plan	1980
19810078897	Magnetic materials for microelectronics	1980
19810078898	Millimeter-wave ferrite phase shifters	1980
19810078900	Vacuum switch	1980
19810078901	Cathode driven high gain crossed-field amplifier	1980
19810078903	Adaptive filtering for Navy applications	1980
19810078904	Diode combining techniques	1980
19810078906	Advanced electron device technology	1980
19810078907	The repeated breakdown voltage of rotating arc spark gaps	1980
19810078908	Reduced frequency commutating thyristor control system	1980
19810078909	Material for the contractor of a vacuum switch	1980
19810078910	Amplitude and phase fluctuations in field transistor amplifying and multiplying stages	1980
19810078911	Power amplification with phase automatic frequency control	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810078912	Investigation of trigatron triggering by a low-amplitude pulse with a nanosecond edge for accurate switching of high-power pulses	1980
19810078913	The 140 GHz millimeter wave combiner	1980
19810078919	Pyroelectric image converters	1980
19810078921	Indicator gyroscopic platforms	1980
19810078925	Laser digest. Spring 1980	1980
19810078926	A thyristor converter for capacitive laser accumulators	1980
19810078927	Laser beacon for river navigation	1980
19810078931	Laser induced transient excitation of conducting targets	1980
19810078934	Diffusion welding of copper to titanium by Hot Isostatic Pressing (HIP)	1980
19810078935	Effects of constructional factors on the fatigue strength of friction welded joints	1980
19810078936	Properties of friction welded joints in steels E1572 and 40G	1980
19810078937	Development of an automobile gas turbine	1980
19810078938	Investigation of the effect of different oil cleaning systems on the wear of motor vehicle engine parts	1980
19810078942	The AFWAL/ML electronic/electrical failure analysis system support	1980
19810078945	Standardized reliability parameters for Army helicopters	1980
19810078946	Production controls to prevent plated through hole cracking	1980
19810078966	A program for remote sensing applications to Oklahoma's resource and experimental problems	1980
19810078968	Black and white calibration for signature extension	1980
19810078969	Remote sensing of the earth by means of multispectral photography	1980
19810078970	Solar generators for ground communications, part 1 and 2	1980
19810078971	A treasury of radiant energy: Development of wind and solar energy technology for hydrogen fuel	1980
19810078972	Use of shaped explosive charges in pulsed magnetohydrodynamic generators	1980
19810078973	Fuel cells and batteries-foreign	1980
19810078974	Navy geothermal plan	1980
19810078975	Nonconventional conversion systems of nuclear energy	1980
19810078977	Calculation of ground roll in layered geologies	1980
19810078983	Seasonal cloud amount and cloud free line of sight data for the Western Mediterranean. Report of the OCAMO Project. A part of the adverse weather characterization task, systems investigation of air weaponry technology block program	1980
19810078985	Del'ta-I goggles for protection against light	1980
19810078986	Study of reactive materials for development of new protective clothing concepts	1980
19810078987	Theoretical principles of machine arithmetic	1980
19810078988	Representation of elementary functions in a system of remainder classes	1980
19810078990	USSR report: Cybernetics, computers and automation technology	1980
19810078991	Optical data processing	1980
19810078992	Advantages of newly developed optical electronic memory unit	1980
19810078993	Procedure for synthesis of asynchronous programmed logical matrix automat	1980
19810078994	Stability of flat magnetic domains	1980
19810078995	Promising peripheral magnetic disk memories for minicomputers	1980
19810078996	Analog digital complex for planning discrete systems of program control	1980
19810078997	Analog digital converter with galvanic separation of measuring circuits	1980
19810078998	The YeS 1015 electronic computer	1980
19810078999	The SM-52 electronic computer	1980
19810079000	The YeS 1010 M electronic computer	1980
19810079001	The YeS 1011 electronic computer	1980
19810079002	Principles of the creation of large automatic control systems	1980
19810079003	List of Soviet articles dealing with algorithms and programs	1980
19810079004	More Soviet articles on algorithm and programs	1980
19810079005	Convex block programming in hybrid computer systems	1980
19810079006	Uses for program optimization	1980
19810079008	Positional characteristics of numerical representations in remainder classes	1980
19810079010	Calculation of the probability characteristics of a regular markov chain	1980
19810079012	Journal of engineering physics	1980
19810079016	Norwegian Air Force noise standards	1980
19810079017	Interaction between a sound beam and a hollow sphere in an acoustic fluid	1980
19810079018	Theoretical and experimental study of the sound produced by spheres impacting the ocean surface	1980
19810079019	Review of latest results on collective methods of acceleration	1980
19810079020	A powerful experimental electron gun with voltage on the order of 500 kV	1980
19810079023	Assembly adjustment of optical monitoring instruments	1980
19810079026	Monoclinic metastable phase alpha B sub double prime in U-Nb-V and U-Mo-V systems	1980
19810079027	Intrinsic defects of CdSe crystals	1980
19810079030	Controlled atmosphere annealing of ion implanted gallium arsenide	1980
19810079031	Heat waves of fusion and crystallization of a dielectric material	1980
19810079035	Postdoctoral and Senior Postdoctoral Resident Research Associateship Program	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810079036	Postdoctoral and Senior Postdoctoral Resident Associateship Program	1980
19810079039	Fiscal year 1981 Air Force Armament Laboratory technical objective document	1980
19810079042	AV-8B reliability and maintainability status report	1980
19810079044	Aerodynamic characteristics and store, store-pylon, and segmented store loads of the 1/20-scale F-16 aircraft model with several external store loadings	1980
19810079045	Separation characteristics of several stores from the F-18 aircraft	1980
19810079046	Heat transfer test of a single parasol wing aircraft at Mach number 4.5	1980
19810079047	Comparative measurements in four European wind tunnels of the unsteady pressures of an oscillating model	1980
19810079048	A parametric investigation of an elastic parallelogram for the measurement of aerodynamic drag	1980
19810079049	Development of Kevlar-29 personnel parachutes (fire resistant)	1980
19810079051	Airlift Systems Analysis study. Volume 2: Detailed study results	1980
19810079052	Airlift Systems Analysis study. Volume 4: appendices C, D, and E	1980
19810079056	Flight test and evaluation of the LR-80 heading attitude reference system for helicopter applications	1980
19810079057	Verification tests of the Singer-Kearfott skn-3500 strapdown Inertial Navigation System (INS)	1980
19810079059	Rotor blade dynamic response and ballistic damage survivability	1980
19810079060	Aerodynamic forces and moments testing of the AGM-86 B Missile in the flowfield of the proposed strategic air-launched cruise launcher aircraft	1980
19810079061	Remedy for inflight helicopter malfunction described	1980
19810079062	Validation of software for the simulation of the F-4E dynamic response to surface roughness. Volume 1: Test versus analysis correlation	1980
19810079063	Validation of software for the simulation of the F-4E dynamic response to surface roughness. Volume 2: Appendices	1980
19810079065	Phase 2 qualification test: Mission simulation tests of the F107-WR-101, -102, and 400 turbofan engines	1980
19810079066	A-7 series aircraft stores separation testing	1980
19810079067	The effect of nacelle frag reduction on the fuel consumption of the P-3 aircraft	1980
19810079068	Cruise missile environmental control system, volume 1	1980
19810079069	Mission profile testing costs: Facilities and test performance	1980
19810079070	P-3 fuel-savings modification study	1980
19810079073	STINGER-POST winter test in the Federal Republic of Germany. Volume 3: Atmospheric data	1980
19810079074	F-16 Linear Ammunition Feed System study	1980
19810079075	Multiple Tactical Aircraft performance evaluation. Volume 2: Program user's manual	1980
19810079080	The impact of the stretched C-141 on the peacetime strategic airlift system	1980
19810079083	Development of high-temperature resistant ceramic components for gas turbines	1980
19810079084	Development of high-temperature resistant corrosion-resistant silicon carbide moldings for use in gas turbine design	1980
19810079085	Compound cycle turbofan engine fuel injector test report	1980
19810079086	Black Hole Ocarina exhaust infrared radiation suppression system for the UH-IN helicopter	1980
19810079087	DS Eutectic high pressure turbine blade development - alumina core manufacturing technology, and blade casting manufacturing process refinement	1980
19810079088	J79 boron/aluminum blade design, fabrication, and test	1980
19810079090	Development of a gas generator for a supersonic expendable turbine engine	1980
19810079091	Compound Cycle Turbofan Engine. Task 3: CCTE layout and power section design	1980
19810079092	Ceramic gas turbine engine demonstration program	1980
19810079093	Mixed-flow-compressor program. Phase 1: Preliminary engine design	1980
19810079094	Advanced material segmented combustor, phase 2	1980
19810079096	YAV-8B propulsion performance and functional analysis report	1980
19810079097	State of flight tests for active flutter suppression on the F-4F with external stores	1980
19810079099	Operational applications analysis, F-15/integrated flight trajectory control	1980
19810079100	AV-8B flight control system design report	1980
19810079103	Failure mode effects and criticality analysis for CV63, CV64, CVN65 and CV66 C13 and C13 mod 1 catapult installations	1980
19810079104	Failure mode effects and criticality analysis for the CV 67 and CV 41 C13 catapult installation	1980
19810079106	Translation: Landing of space vehicles on planets	1980
19810079111	Static stability tests of the perishing 2 RV with in-line stage separation and booster thrust reversal simulation, addendum	1980
19810079112	Subsonic/transonic wind tunnel tests on an 0.0825-scale MX Missile model at angles of attack from -2 to 45 deg.	1980
19810079113	Hypersonic static stability test of the perishing 2 reentry vehicle, addendum	1980
19810079114	Homing overlay experiment program. The design of optically seeded reentry bodies	1980
19810079115	A priori training of guidance and control algorithms for tactical missiles. Task 1: Air-to-air guidance law implementation	1980
19810079116	A priori training of guidance and control algorithms for tactical missiles. Task 1: Target acquisition and aim-point selection	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810079117	A solution of the false target and general guidance error problem using an adaptive G-H-K filter as a trajectory predictor	1980
19810079118	Climatic environmental qualification tests of the Patriot Air Defense System	1980
19810079122	Mass properties measurements of the AIR-2A/JTU, ATR-2A, and ATR-2N	1980
19810079123	Nosetip transition tests for the NSWC/LMSC Improved Accuracy Program (IAP)	1980
19810079124	Shillelagh G&C production verification tests of modified components	1980
19810079126	Durable, cleanable coatings	1980
19810079127	Telemetry Pulse Analysis System (TPAS)	1980
19810079130	Vibration testing of the Inertial Upper Stage (IUS) Small Rocket Motor (SRM-2). Phase 2: Development motor serial number DS-4A	1980
19810079131	Injection molding of low cost-one piece nozzles	1980
19810079137	Ultrafiltration hollow fibers	1980
19810079139	Environmental sensitivity of advanced composite. Volume 2: Baseline data definition and environmental sensitivity	1980
19810079140	Environmental sensitivity of advanced composites. Volume 3: Test procedures and data	1980
19810079142	Advanced matrix research	1980
19810079143	Erosion analysis of heatshield materials and concepts	1980
19810079144	Toward the summits of strength: Composite materials	1980
19810079146	Foreign naval developments in the use of metallic and nonmetallic matrix composites for structural applications	1980
19810079147	Gruneisen parameter measurements for three tape wrapped carbon phenolic materials. Volume 1: Data and analysis	1980
19810079148	Gruneisen parameter measurements for three tape wrapped carbon phenolic materials. Volume 2: Data compilation	1980
19810079150	Development of bonded composite patch repairs for cracked metal structure. Volume 2: Design guidelines	1980
19810079151	Determination of the elastic properties of boron nitride staple fiber from ultrasonic measurements	1980
19810079155	Composite materials. Chapter 2: Frame-type and layer-type self-lubricating meta-polymer materials. Chapter 3	1980
19810079156	Patent applications with respect to a method of gas detection based on the interaction of gases with organic films	1980
19810079157	Hg sub1-xCd subx Te technology development for for MSP report	1980
19810079161	Results of preliminary measurement tasks	1980
19810079162	Emissive measurements program	1980
19810079163	Forming and joining aluminum powder metal alloys	1980
19810079167	High strength steel weldment subcritical cracking program. Effect of thermal cycling on SCC resistance of HY-100 and HY-130 base metal and weld metal	1980
19810079170	Physicomechanical properties of film coatings	1980
19810079171	The effect of the deformation rate of butyl tire tube rubber's brittleness temperature	1980
19810079172	Polymer materials based on alicyclis tri- and tetraepoxides	1980
19810079173	Development of high-temperature resistant, corrosion resistant, nonmetallic ceramic materials, particularly silicon nitride, for gas turbines	1980
19810079174	Wet-dry shaping of polyamide semipermeable fiber (abridged report)	1980
19810079175	Type 63 rubber (nitrite rubber, NBR)	1980
19810079176	Rubber: Determination of tensile characteristics	1980
19810079177	Polyurethane cryogenic adhesive	1980
19810079178	Removable polymer-based protective coatings	1980
19810079179	Thermosetting composition material	1980
19810079181	Antifog optical coatings	1980
19810079183	Polymer electron resists	1980
19810079184	Effect of alkali acid additives on on the technological and dielectric properties of lithium-aluminum-silicate light-sensitive glasses and light-sensitive devitrified glasses	1980
19810079188	Experiment planning in order to investigate the wear resistance of reinforced plastics	1980
19810079189	Possibility of alloying tetrahedral glasses	1980
19810079190	Determination of the elastic characteristics of plasma coatings using an acoustic method	1980
19810079191	Primary Adhesively Bonded Structure Technology (PABST) full scale test report	1980
19810079192	Synthesis of elastomeric polymers, polymer intermediates and specialty elastometric compounds	1980
19810079200	The appearance of oriented structures through the precipitation of polymers from concentrated solutions	1980
19810079202	New ways of using coal: Gasification and liquefaction processes	1980
19810079203	Synthetic fuel characterization and crude assay program	1980
19810079204	Nitrogen tetroxide impurity study	1980
19810079205	Ferrocenyl compounds for burning rate modifiers	1980
19810079208	High rate mechanical properties of consolidated propellant	1980
19810079212	Storability and expulsion test program, 1979 - 1980	1980
19810079213	A theoretical solution of the adjoint problem of propellant ignition by means of a heterogeneous reaction	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810079214	Discharge with oscillating electrons as a method of applying thin films	1980
19810079215	Minihalo turbo-refrigerator, revision 2	1980
19810079218	USSR: Engineering and equipment	1980
19810079219	The development of solar batteries for the interplanetary automatic station Venera-9, Venera-10 and for the Lunokhod	1980
19810079220	Angular coefficients for a partly shielded cylindrical surface	1980
19810079221	Radiative heat exchange in a system of two coaxial cylinders with an intermediate perforated cylinder	1980
19810079222	Heat exchange of a two-layer with a moving radiating and scattering medium	1980
19810079223	Dynamic temperature fields in hollow homogeneous spherical bodies	1980
19810079225	Concerning the problem of the role of cavitation in the ultrasonic capillary effect	1980
19810079226	General solution of the thermoelastic problem for an asymmetrically heated solid cylinder	1980
19810079227	USSR report: Electronics and electrical engineering	1980
19810079228	Estimating the influence of bandwidth on the possibility of adaptive signal processing in antenna arrays	1980
19810079229	Television optical velocity detector	1980
19810079230	Method of synthesizing adaptive suboptimal filters	1980
19810079231	On an analysis of the sensitivity of a two dimensional Kalman filter in the problem of statistical monitoring of channel quality	1980
19810079232	On the relationship between the energy coefficients of reflection and the transmittance of an electromagnetic wave at the boundary of two absorbing media	1980
19810079233	Processing of signals of a heterodyne interferometer by means of an automatic phase control system	1980
19810079234	Subsurface radar sounding of layered media. The equation of the sounding beam	1980
19810079235	The synthesis of an artificial aperture for microwave radio signals reflected from the sea surface	1980
19810079236	Method of measuring a pulse electrical field in a flow of penetrating radiation	1980
19810079237	DARPA/STO program	1980
19810079238	Broadband conformal spiral antenna feasibility demonstration	1980
19810079240	Tactical antenna conceptual design and development, volume 2	1980
19810079241	The 16 KB/S modem (AN/GSC-38) CONUS Test	1980
19810079242	Digital units of coupling (trans-multiplexers) in the communicating systems	1980
19810079247	Laser, IR, and NMMW propagation measurements and analyses	1980
19810079248	Integrated Nuclear Communications Assessment (INCA) EMP assessment of AN/TSC-85(V)2SHF Satellite terminal using DNA presto program	1980
19810079256	Hybrid on-aircraft antenna pattern evaluation	1980
19810079259	Investigation of a multichannel commutator with magnetically controlled contacts	1980
19810079260	Device for charging storage capacitor of high power pulse generator	1980
19810079261	Threshold logic device	1980
19810079263	Design of contra-rotating DC propulsion motors	1980
19810079265	Special features of vacuum switch commutation of capacitor banks	1980
19810079266	Investigation of the frequency characteristics of a signal processing unit for a digital phase indicator	1980
19810079267	Pulse generator	1980
19810079268	Manufacturing Methods and technology (MM and T) measure for fabrication of low noise figure ion barrier microchannel plates (LNF/MCP's)	1980
19810079269	Hyperabrupt gallium arsenide tuning varactors	1980
19810079270	Fusible link design, verification phase	1980
19810079274	Periodic turn-on time relay	1980
19810079275	Pulse generator for electroerosion treatment of current conducting materials	1980
19810079276	High-voltage discharger controlled by a magnetic field	1980
19810079277	Nanosecond pulse generator	1980
19810079281	Matrix cathode optimization	1980
19810079282	Development test and evaluation of digital data modem, MD-1026()/(p)g, group modem	1980
19810079285	How do you measure a droplet of mist aerosol particle size measuring method for organic chemical compounds	1980
19810079289	Creation of photomosaics from radar iamges	1980
19810079290	Angular rate, angular acceleration and linear acceleration sensors	1980
19810079291	High-sensitivity correlation parallel noise spectrum analyzer for the 22 Hz to 2.2 MHz range	1980
19810079295	Laser waveform analysis	1980
19810079296	Applications of carbon/carbon technology for laser mirrors, volume 1. Phase 1: Mirror development program	1980
19810079297	Application of carbon/carbon technology for laser mirrors, volume 2. Phase 1: Material development program	1980
19810079301	E-O concepts measurements,. Part 2: Laser measurement device feasibility	1980
19810079323	Improved surge margin centrifugal compressor program	1980
19810079324	Development of improved marine gas turbine airfoils using directional solidification	1980
19810079327	A computer method for predicting distortion in aluminum weldments	1980
19810079330	USSR report: Earth Sciences	1980
19810079331	Model of intermittence of ocean turbulence	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810079332	Vertical variability of small-scale ocean turbulence	1980
19810079333	Sound propagation velocity in the Kuroshio anticyclonic eddy zone	1980
19810079334	interpreting near radar images of sea ice using an electronic computer	1980
19810079335	USSR report: Space	1980
19810079336	Processing satellite data for the determination of the coordinates of a moving station	1980
19810079337	Use of space photogeological maps in the prediction of ore regions	1980
19810079338	Orbital parameters and sensors of a system for study of the earth's natural resources	1980
19810079339	Features of the technologies of producing maps using space photographs	1980
19810079340	Investigation of the possibility of rapid charging of alkaline storage batteries, report no. 1	1980
19810079341	What is the state-of-the-art of batteries?	1980
19810079342	Utilization of solar energy in Switzerland. Today's possibilities and limitations	1980
19810079347	Dual beam interferometer-high altitude background measurements	1980
19810079357	The background noise level of Salyut 5 preventing undesirable effects of noise on cosmonauts	1980
19810079360	Human factors engineering support in the helicopter night vision system simulation test program	1980
19810079362	Miniaturized high speed digitizer	1980
19810079363	Microcomputer array processor/bragg cell receiver integration	1980
19810079367	Hardware descriptive languages in DDP development	1980
19810079371	Device using light for searching and reading data on punch cards	1980
19810079373	A method of computing functions in a system of remainder classes	1980
19810079374	Interpolation of steady-state processes according to smoothed coordinates	1980
19810079377	Reports of the Academy of Sciences (selected articles)	1980
19810079380	Secondary electron emission under the action of gamma quanta and high energy electrons	1980
19810079382	Advanced material response to electron beam radiation	1980
19810079384	Semiconductor solar batteries on the ground	1980
19810079385	Image processing and infrared target acquisition	1980
19810079386	Fifth International Conference on Photoelectric and Optical phenomena in solids	1980
19810079387	Infrared search and surveillance techniques	1980
19810079388	Infrared electro-optical chopper	1980
19810079389	Fiber-optics bus receiver requirements	1980
19810079390	Optical data link	1980
19810079391	Uncertainty analysis of optical measurement equipment	1980
19810079394	Ultimate possibilities of an X-ray resonator	1980
19810079395	Optoacoustic sensors for detection and/or transmission of acoustical signals by optical means	1980
19810079396	Performance analysis of infrared sensors with the irstem code	1980
19810079398	Foundation of optical computing elements, part 2	1980
19810079399	Controlled spark gap for connecting large-surge currents	1980
19810079402	Spectroscopy of crystals: Materials of the Second Symposium on the Spectroscopy of Crystals Containing Rare Earth Elements and Elements of the Iron Group	1980
19810079403	Solid state spectroscopy	1980
19810079404	Elastic properties of the surface of crystals	1980
19810079405	Bulletin of the Academy of Sciences physical series (selected articles)	1980
19810079409	Introduction to formulation of the problem. Information systems utilizing computers	1980
19810079421	Spacecraft measurements of the elemental and isotopic composition of solar energetic particles	1980
19810079422	Non-equilibrium ionization due to thermal diffusion and mass flows	1980
19810079425	Interstellar hot plasma contributions to the diffuse ultraviolet background	1980
19810079434	Limiting characteristics of a photochemical XeO laser	1980
19810079435	Development of optical inhomogeneities in flashtube photolysis lasers	1980
19810079436	A neodymium pulse laser that produces a high-frequency series of nano-second pulses with energy of approximately 100 J.	1980
19810079437	Lasers utilizing CO2 isotopes	1980
19810079438	Study of a large-volume flashlamp-initiated H2-F2 chemical laser	1980
19810079439	Magnetic plasma compressor with explosively-driven magnetic-field compression generator	1980
19810079440	Influence that pumping fluctuations have on the sensitivity of an infrared receiver with parametric frequency conversion	1980
19810079449	Turbulence amplification in flow about an airfoil	1980
19810079455	Parachutes	1980
19810079459	Recovery of towed parachutist	1980
19810079460	Maximum Performance Ejection System (MPES) program management plan	1980
19810079461	Development and demonstration of a sear steering and control system for the Maximum Performance Ejection Seat (MPES)	1980
19810079463	Reference systems technology development, volume 2	1980
19810079465	Fuel leak source isolation	1980
19810079466	Predicted and Measured Divergence Speeds of an Advanced Composite Forward Swept Wing Model	1980
19810079467	Structural Technology Evaluation Program (STEP), Volume 2	1980
19810079473	Development of gas turbine components from silicon nitride	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810079474	Development and manufacture of high temperature resistant bodies for use in gas turbines	1980
19810079475	Ramjet inlet/combustor pulsations analysis and test	1980
19810079477	Influence of driving air temperature on thrust augmenting ejector performance	1980
19810079481	Three months in orbit	1980
19810079490	Feasibility of utilizing the copper line spectral emission technique for enthalpy measurements in the KEC-100 arc heater test flow	1980
19810079491	China report: Science and technology	1980
19810079492	Japanese aviation journal on Chinese developments in space	1980
19810079493	Uses of high definition telemetry detection satellite	1980
19810079495	Improved TOW simulation development	1980
19810079496	PATRIOT guidance system analysis	1980
19810079505	Orbital Transfer Vehicle concept definition study. Volume 1: Executive summary	1980
19810079506	Orbital Transfer Vehicle concept definition study. Volume 2: Mission analysis and operations	1980
19810079507	Orbital Transfer Vehicle concept definition study. Volume 3: Conceptual analyses and development	1980
19810079508	Orbital Transfer Vehicle concept definition study. Volume 4: Selected concept definition	1980
19810079509	Orbital Transfer Vehicle concept definition study. Volume 5: Program definition	1980
19810079510	Orbital Transfer Vehicle concept definition study. Volume 6: Program study cost estimates	1980
19810079515	Signature characterization. Volume 2: Spinning Plug Nozzle (SPN)	1980
19810079518	Mechanical properties of short fiber silicon carbide aluminum composites	1980
19810079519	Metal matrix materials composites for naval systems	1980
19810079520	Development of bonded composite patch repairs for cracked metal structure, volume 1	1980
19810079521	Optimization of the composition of antifriction materials based on polyimides	1980
19810079523	Improved materials for composites and adhesives	1980
19810079524	Use of energy and raw materials content of carbon-containing minerals	1980
19810079530	Research to conduct an exploratory experimental and analytical investigation of alloys	1980
19810079533	Polyethylene film degradation in gas discharges directed perpendicularly and parallel to the films surface	1980
19810079534	Wear-resistant antipyrine-based graphite plastics	1980
19810079535	Determination of the dynamic elastic constants of chemical fibers	1980
19810079536	The synthesis of polymer precursors and exploratory research based on acetylene displacement reaction	1980
19810079541	Post test characterization and analysis of liquid propellant storage tanks	1980
19810079546	Minihalo turbo-refrigerator, revision	1980
19810079547	Component development for a five-year vuillemier (VM) cryocooler, part 3	1980
19810079549	ASF radar synthesis feasibility study	1980
19810079552	The measurement of natural resonance in the millimeter waveband	1980
19810079553	Adaptive transmitter techniques	1980
19810079554	Baltimore AMME-E (expanded) software release 4.6 acceptance test publication	1980
19810079558	WWMCCS intranodal networking: Technologies and issues	1980
19810079559	Interaction of magnetostatic waves with periodic reflecting structures	1980
19810079560	Technology assessment for future MILSATCOM systems: An update of the EHF bands	1980
19810079562	Vacuum switch	1980
19810079564	Theoretical models for backscattering and emission from snow	1980
19810079566	East Europe Report: Scientific affairs	1980
19810079567	Conference treats current, future developments in optical communications	1980
19810079568	New CSSR automation and computer technology exhibited	1980
19810079573	Switch correction of alternating current servosystems	1980
19810079574	Electric calipers EK-1	1980
19810079575	Creation of powerful pulses with the storage of SHF energy in a resonator	1980
19810079576	Single-electron photodetectors	1980
19810079577	The effect of noise on digital frequency synthesizer operation	1980
19810079578	Mathematical description of a system for shaping phase-manipulated oscillations	1980
19810079579	Semiconductor electronics in 2001	1980
19810079581	High-voltage pulse generator	1980
19810079582	Liquid metal switch	1980
19810079583	High cutoff frequency Schottky barrier diodes and mixers	1980
19810079586	Powerful relativistic magnetron with a 3-CM wavelength	1980
19810079589	High-capacity, small-bubble chip development	1980
19810079592	Heterodyne photodiode array development and characterization	1980
19810079593	Broadband diode power combining techniques	1980
19810079594	E-H band single bottle dual mode traveling-wave tubes, volume 1	1980
19810079599	HYTAC users manual	1980
19810079600	HYTAC phase 2 report: Turbulent flow over arbitrary geometries at high angle of attack	1980
19810079615	Effect of the additive MMP-75 on the operation of diesel engine IT9-3M	1980
19810079620	Automatic recording of failures in reliability tests of mechanical switching assemblies	1980
19810079623	High temperature fracture mechanics of silicon nitride (SiN4)	1980
19810079635	USSR Report: Space	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810079636	Soyuz T space transport ship	1980
19810079637	Optical research in space. Chapter 2: Vision in space	1980
19810079638	The structure of the space system for study of the natural resources of the Earth	1980
19810079639	The Meteor Space System in the hydrometeorological service	1980
19810079640	Natural resources satellite study commission	1980
19810079657	The use of copolymer dispersion adhesives in cartographic publications	1980
19810079658	Method of representation of topographic data to a computer	1980
19810079659	Image Transformation Study	1980
19810079660	Translation: Aerospace methods for the study of soils	1980
19810079661	Solar energy to generate a temperature under 100 deg Celsius	1980
19810079662	The industrialization of solar energy and its application in foreign countries	1980
19810079663	Energy storage	1980
19810079665	Chemical sensors	1980
19810079670	Anomalous Tropospheric Refraction near the Arabian Peninsula	1980
19810079673	Unit for acting on the polar ionosphere with powerful shortwave radiation	1980
19810079675	Prediction of visibility in fog and haze	1980
19810079680	Translation: World ocean exploration and engineering problems	1980
19810079683	Reverberation prediction in the Mediterranean Sea	1980
19810079686	Problems of polar oceanography	1980
19810079730	Target and environmental factors affecting target detection of direct vision	1980
19810079736	Radiation recovery, 8085A MOS microprocessor	1980
19810079737	Macrostructure logic arrays	1980
19810079739	Modular Missile Borne Computer. Volume 1: Executive overview of MMBC	1980
19810079740	Modular Missile Borne Computers. Volume 2: MMBC phase 4 accomplishments	1980
19810079741	Modular Missile Borne Computers. Volume 3: MMBC systems functional specifications	1980
19810079742	Modular Missile Borne Computers. Volume 4A: MMBC hardware design notebook	1980
19810079743	Modular Missile Borne Computers. Volume 4B: MMBC hardware design notebook	1980
19810079744	Modular Missile Borne Computers. Volume 5: MMBC software design notebook	1980
19810079746	USSR report: Cybernetics, computers and automation technology	1980
19810079747	Expansion of the capabilities of a teletype version of the Elektronika-S5 microcomputer switching system	1980
19810079748	Program testing using symbolic execution	1980
19810079749	Automated and automatic control systems	1980
19810079750	Collective-use computer centers	1980
19810079751	Designing collective-use computer centers	1980
19810079752	Selection of a method for construction of cyclic codes	1980
19810079756	Methods of generating nonlinear sequences (presented by academican of the Academy of Sciences of the White Russian SSR Ye. G. Konovalov)	1980
19810079757	On the problem of stepwise adjustments	1980
19810079761	Reflection of sound by thin plates and shells in liquids	1980
19810079764	Ion source development	1980
19810079765	System of adaptive control of the treatment modes of non-rigid parts for precision mechanical instruments	1980
19810079766	Infrared imaging and interferometry	1980
19810079770	Anisotropy of photoconductivity of indium monoselenide at high levels of optical excitation	1980
19810079771	Modern methods for precise length and height measurement	1980
19810079774	Imaging infrared seeker target acquisition experiments	1980
19810079778	Thin film ferroelectric active elements of superhigh frequency parametric amplifiers	1980
19810079779	Spectroscopy of crystals (abstracts of articles)	1980
19810079785	Infrared observations of the double quasar 0957+561 A,B and the intervening galaxy	1980
19810079793	Chemical composition of the Earth, Venus, and Mercury (planets/solar nebula/elements, abundances/mantle/core)	1980
19810079794	Report of working group on solar wind magnetosphere interactions	1980
19810079804	Letters to Journal of Technical Physics (selected articles)	1980
19810079805	USSR report: Electronics and electrical engineering	1980
19810079806	Special characteristics of the manufacturing technology of BIS for the hardware of the ASPI complex	1980
19810079807	Determination of conditions for absolute stability of a radar tracking system	1980
19810079808	USSR Report: Physics and mathematics	1980
19810079809	The propagation of laser absorption waves with exposure to radiation at a wavelength of 10.6 micrometers	1980
19810079810	Characteristics of the laser radiation of a pulsed periodic CO2 laser with a closed gas cycle	1980
19810079811	The influence of the active medium characteristics on the output power of an electrical ionization CO2 laser	1980
19810079812	The power parameters of electron beam initiated H2-F2D2F2 and D2-F2-CO2 lasers	1980
19810079813	Measuring the angular distribution of fluxes of protons escaping from the shielding of a 660-MeV synchrocyclotron	1980
19810079814	Measurements of spatial distribution of Bremsstrahlung dose on the Silund electron injector of a collective-ion accelerator	1980
19810079815	Investigation of the energy distribution of fluence and neutron dose at large distances from accelerators	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810079816	Verifying the correspondence of radiation monitoring detector readings to equivalent and absorbed doses in the neutron beam of the IBR-30 reactor	1980
19810079817	Four photon parametric resonance conversion of an infrared signal frequency in a broad band pumping field	1980
19810079818	The radiative characteristics of a quartz contained plasma dynamic discharge in the 200 to 250 nanometer range	1980
19810079819	Reynolds number modification with compliant coatings	1980
19810079827	Improved fatigue life tracking procedures for Navy aircraft structures	1980
19810079838	Product improvement of the improved HAWK block 11 software (U)	1980
19810079852	Mast mounted sight/designator system concept operational effectiveness evaluation (U)	1980
19810079853	Scale model (1/15) testing of dry cooled jet engine noise suppressors. Hot jet simulating TF-30-P-412 fan jet engine used in tests	1980
19810079854	Investigation of sintered silicon carbide for high temperature turbine components	1980
19810079857	Design and development of advanced high-pressure spool gas generator (ATEGG), volume 1	1980
19810079858	ATEGG GE23 gas generator (Industry version) (U)	1980
19810079859	Reduced cost turbine engine concepts program. Volume 2: Part 2. Industry version (U)	1980
19810079860	Turbine engine structural life prediction/correlation program (U)	1980
19810079861	Reduced cost turbine engine concepts program. Phase 1: Government and industry version (U)	1980
19810079865	High-Stage Loading/Low Aspect Ratio Compressor ((HSL/LARC), volume 1 (U)	1980
19810079866	High-Stage Loading/Low Aspect Ratio Compressor (HSL/LARC). Volume 2: Test data volume (U)	1980
19810079868	USS KITTY HAWK ACLS verification (U)	1980
19810079871	Mathematical models for guidance and control processing improved TOW missile	1980
19810079875	Millimeter Wave Contrast Guidance Demonstration (MCGD)-Honeywell. Volume 1: Narrative (U)	1980
19810079876	Millimeter Wave Contrast Guidance Demonstration (MCGD)-Honeywell. Volume 2: Seeker modeling (U)	1980
19810079877	Millimeter Wave Contrast Guidance Demonstration (MCGD)-Honeywell. Volume 3: System simulation and modelling (U)	1980
19810079879	Inlet development for the Air Force Advanced Strategic Air-Launched Missile integral rocket/ramjet demonstration program. Volume 1: First, second and third entry test results (U)	1980
19810079880	Inlet development for the Air Force Strategic Air-Launched Missile integral rocket/ramjet demonstration program. Volume 2: Fourth entry test results (U)	1980
19810079885	Pershing PII thermal guidance performance summary White Sands Missile Range (WSMR) 1980 (U)	1980
19810079897	Advanced thermostructural analysis of rocket nozzles	1980
19810079903	Inlet and Ramburner freejet and transition tests. Part 3: Ramburner thermal protection systems development (U)	1980
19810079907	Electromagnetic shielding properties of graphite epoxy panels to lightning	1980
19810079908	Naval Air Systems Command Workshop on shipboard repair of composite structure and material, volume 1: Summary	1980
19810079909	Naval Air Systems Command Workshop on shipboard repair of composite structure and material. Volume 2: Technical sessions and appendices	1980
19810079914	Multiple exposure test program (U)	1980
19810079916	Adsorptive influence of mercury on the strength of metals	1980
19810079918	Heat-resistant adhesives	1980
19810079933	PEG/SYEP Super BATES motor (U)	1980
19810079934	PEG/SYEP Super BATES (U)	1980
19810079936	High rate: Low exponent propellant program (U)	1980
19810079942	SMATH nonlinear. Part 1: Manufacturing technology scale-up (U)	1980
19810079949	Digital system electromagnetic interference study	1980
19810079950	Self-interference in a packet radio network	1980
19810079952	Noise modulation and multifrequency modulation in radars	1980
19810079954	Delay line SNAP (D-SNAP) development model (U)	1980
19810079955	Millimetre-wave scale model target signature measurements (U)	1980
19810079959	Application of a Bayesian pattern classification algorithm to radar range profiles (U)	1980
19810079965	Radar target vibration signature recognition investigation (U)	1980
19810079967	CCD angle-of-arrival processor (U)	1980
19810079969	Sensitivity of computer predictions of the integrity of military communications in the ELF/VLF, HF, and UHF bands to uncertainties in the relevant atmospheric chemical kinetics (U)	1980
19810079971	The equation of the movement of a digital frequency synthesizer and the character and time of oscillation setting during sudden change of signal frequencies at the phase detector input	1980
19810079973	Voltage Controlled Oscillator (VCO) technology, volume 2 appendixes A thru F	1980
19810079974	Method of high-voltage conditioning of the gaps between the contacts of vacuum switches	1980
19810079979	The separation of the controlling signal in synchronous digital frequency synthesis systems	1980
19810079982	Manufacturing methods and technology for epitaxial growth of GaAsP material for use in the manufacture of Light Emitting Diodes (LED) for the common module FLIR	1980
19810079985	Correlation of vortex flows in test facilities with full scale flow phenomena	1980
19810079987	Voltage Controlled Oscillator (VCO) technology, volume 1	1980
19810079988	Magnetic bias techniques for laser gyros	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810079989	Soil stress gage placement evaluation	1980
19810079992	Low energy laser pulsed hardening, part 2	1980
19810079996	Advanced axicon mirror, phase 1 (U)	1980
19810079999	Review of carbon dioxide laser beamrider encoding concepts (U)	1980
19810080002	Static field test report, Northrop/Sanders carbon dioxide beamrider guidance link (U)	1980
19810080004	Laser-Guided Hard-Structure Munition System Integration/Flight Demonstration Program (U)	1980
19810080010	Antifriction materials in bearings	1980
19810080011	Fracture properties of HY-130 cast plate weldments	1980
19810080055	The 300 watt ram air turbine generator	1980
19810080061	Performance characteristics of Altus Li/SOC12 cells	1980
19810080067	Sferics in the stratosphere	1980
19810080072	USSR Report: Earth sciences	1980
19810080073	Structure of the mixed layer in a stratified fluid	1980
19810080074	Restoration of sea wave spectra from measurements with moving sensors	1980
19810080075	Accuracy in measuring the parameters of the sea surface by optical scatterometers and altimeters	1980
19810080076	Problems in marine geodesy	1980
19810080089	Analysis of changes of induced bioelectric activity of the brain under the effect of a constant magnetic field of high intensity	1980
19810080090	On board stock of medicines. Space medicine	1980
19810080091	Enzyme histochemistry of bone tissue	1980
19810080097	Human factors engineering guidelines for designing CRT display format for the Command Center Processing and Display System (CCDPS)	1980
19810080100	Construction of hierarchit storage systems for microcomputers	1980
19810080117	Classless non-positional number representations for a class of radix systems	1980
19810080126	Endo atmospheric optical systems analysis	1980
19810080132	Captive flight tests of indirect fire infrared seekers in snow background (U)	1980
19810080145	Military and diplomatic issues in active satellite defense	1980
19810080152	Origin of volatile-rich H chondrites with light/dark structures	1980
19810080153	Carbon-14 and the gas in ALHA meteorities and in antarctic ice	1980
19810080154	Titan's hydrogen torus	1980
19810080169	Technical report of the Technical Research and Development Institute (TRDI)	1980
19810080170	An/SQQ-30 (XN-1) Sonar Technical Evaluation Tests (U)	1980
19810080174	Air Force Technical Objective Document, fiscal year 1982 (U)	1980
19810080210	Global positioning system: SSN investigation of interface with signal data converter	1980
19810080214	The C30 HAVE BOUNCE test results	1980
19810080215	The F-16 FSD airframe/landing gear/brakes evaluation: Norwegian drag chute, addendum 1	1980
19810080217	AGM-86 Air Launched Cruise Missile (ALCM) DT&E competitive test program. Volume 1	1980
19810080226	Manufacturing technology for metrology of complex airfoil shapes	1980
19810080232	Compound cycle turbofan engine, phase 2. Task 2A: Single-cylindrical engine	1980
19810080233	Blade tip treatment. Titanium alloy compressor blades	1980
19810080237	Qualification Operational Test an Evaluation (QOTE) of the A/F 37A-T36 (FB-111A) weapon system trainer visual system attachment	1980
19810080245	Collins/AFAL Generalized Development Model (GDM), volume 1	1980
19810080250	The effect of the error in representing the figure of the Geoid on estimate of an artificial satellite's geocentric position	1980
19810080253	Engineering assessment of the SXTF spacecraft charging capability	1980
19810080256	Exterior ballistics, guidance laws and optics for a ramjet propelled, gun-launched missile	1980
19810080257	HERMES: A manned space vehicle	1980
19810080263	Probabilistic methods in solid rocket motor structural integrity analysis	1980
19810080270	Analytical Processing for Improved Composites (APIC). Volume 2: Analytical modeling	1980
19810080271	Design, analysis, and testing of advanced metal matrix composites for ballistic missile applications	1980
19810080272	Analytical assessment of carbon phenolic for maneuvering reentry vehicle applications	1980
19810080274	Advanced 2D carbon/carbon composite cylinders. The development and fabrication of 2D carbon/carbon cylinders for advanced hatshield application	1980
19810080277	Resonance, fluorescence and absorption spectra of elements from the sixth group of the periodic table	1980
19810080286	Thermal degradation of polymers and mechanisms of curing in AT-polymer systems	1980
19810080288	Effect of temperature and moisture on mechanical properties of Hercules HBRF 55A epoxy resin	1980
19810080303	On the feasibility of direct emergency spot broadcast service from satellite to ordinary ground receivers	1980
19810080309	Long-range detection and tracking of small fishing vessels by skywave over-the-horizon radar	1980
19810080317	Silicon-gate CMOS/SOS large-scale integrated-circuit process	1980
19810080318	Manufacturing methods for dual mode traveling wave tubes	1980
19810080319	Broad band crossed-field amplifier circuits	1980
19810080320	Location of partial discharges in transformers by detection of ultrasonic waves emitted	1980
19810080323	Manufacturing technology for conformal coating	1980
19810080325	High-potential transformer	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810080339	Testing and analysis of the thermomechanical response of CO sub 2 laser irradiated pyroceram disks	1980
19810080345	HBr/overtone hydrogen halide lasers	1980
19810080347	Noncontact laser sounding of sea water	1980
19810080355	The development of an advanced electronic fuel injection system for high output diesel engines	1980
19810080358	Performance of fatigue life enhancing fasteners in titanium alloys	1980
19810080394	The Dresden Method of deriving large terrestrial distances from quasi-simultaneous laser observation of artificial satellites	1980
19810080400	A comparative study of simple, regenerative, and variable capacity cycles for gas turbine engines	1980
19810080402	Let's catch the lightning: Research on harnessing the energy of ball lightning	1980
19810080403	Determining the necessary accuracy of initial data in geodetic nets in the case of the parametric method of adjustment	1980
19810080405	Reduction of heights to the Earth's mean pole	1980
19810080406	Mechanical fundamentals of gravimeters and gravity gradiometers in artificial earth satellites	1980
19810080409	A comparison of modeled and observed aerosol distributions and extinction during late summer in the Northeast Atlantic Ocean	1980
19810080410	Further experiments using a model output statistics method in estimating open ocean visibility	1980
19810080417	Surface wave induced magnetic and electric fields above a deep ocean as would be measured by moving airborne sensors	1980
19810080424	Methods and equipment for accident tests	1980
19810080433	Automating the translation from a Program Design Language (PDL) to structured source code	1980
19810080440	A comparison of ray acoustic versus wave acoustic predictions for eastern Strait of Sicily	1980
19810080453	Field of view capabilities and alignment requirements of stellar interferometer sensor for surveillance systems	1980
19810080458	Recent developments in the study of high-conductive one-dimensional compounds	1980
19810080486	Guide to the operation of the MICOM/UTSI computer program for plume induced separation at transonic speeds. Version 2, June 1979	1980
19810080498	Digital compass 2	1980
19810080518	The F-4E 370-gallon fuel tank pylon structural analysis	1980
19810080520	WASP 2: Concept feasibility program	1980
19810080521	The BID-4 code for computing cruise missile type inlet and turbofan engine response to blast disturbances	1980
19810080547	F100 Engine Model Derivative Program altitude development. Phase 1, engine S/N FX 227-11	1980
19810080561	Rocket launcher in the classroom	1980
19810080583	Structural test firings of MK 26 guided missile Launching System (GMLS) and MK45 5 in./54 guns on board USS Mississippi (CGN 40)	1980
19810080586	Feasibility design phase of a rocket powered dust cloud sampler	1980
19810080587	Kinetic energy effects of a supersonic vehicle carrying penetrator warhead against a simulated ship target, full- and small-scale test	1980
19810080605	Composite skin stabilization	1980
19810080610	Weapons support materials	1980
19810080615	An investigation of the substrate/platinum effect in low temperature hot corrosion of marine gas turbine materials	1980
19810080619	Approaches to corrosion testing of lead alloys	1980
19810080621	Processing effects on microstructure and fatigue properties of nickel-base superalloys	1980
19810080626	Rayceram material development program	1980
19810080627	Concentration dependence of the viscosity of rigid-chain polymer solutions	1980
19810080628	Advanced optical ceramics, phase 2, book 1	1980
19810080630	Preparation of polynitrothocarbonate prepolymers and polymers	1980
19810080639	A system theoretic approach to axiomatic requirements engineering	1980
19810080641	Production line for extruded panels	1980
19810080651	Statistical characteristics of signals at the output of a monopulse radar receiver with nonfluctuating input signals	1980
19810080658	Antenna patterns of the full scale QF-100, volume 2	1980
19810080676	Repair of conformally coated printed wiring board assemblies. Volume 2: Process guidelines handbook	1980
19810080677	Repair of conformally coated printed wiring board assemblies. Volume 1	1980
19810080684	The connection of the varicaps of synchronized generators in digital frequency synthesis systems	1980
19810080686	High density triple diffused process improvement	1980
19810080689	The base drag of a rocket propelled underwater missile	1980
19810080700	Performance and propagation enhancement effects for pulsed CO2 EDL operation on High P or R transitions and/or off line center	1980
19810080709	Research on eliminating the influence of vertical refraction in laser guide-beam technologies	1980
19810080716	Calculation of the high velocity impact of solids on the basis of a viscoplastic model	1980
19810080720	Reliability of one class of redundant adaptive structures	1980
19810080724	What advantages does the computer of the EOT 2000 offer to the surveyor?	1980
19810080725	Development trends in photogrammetry	1980
19810080727	Investigations with a new net adjustment program	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810080728	Implementation of nuclear fusion and solar power as energy sources now and in the twenty first century	1980
19810080734	An analogy between the non-relativistic theory of gravitation and the theory of electromagnetism	1980
19810080736	Proof of the uniform convergence of the spherical harmonic expansion for the earths gravitational potential in the exterior space	1980
19810080737	Further development of a statistical model to specify marine fog probability using numerically-derived model output parameters	1980
19810080751	A means of evaluating the Todd number of symmetric, positive definite matrices	1980
19810080753	Validity of the estimate of point position accuracy	1980
19810080766	Nuclear compensation of extrinsic silicon for uniform high infrared detectivity	1980
19810080767	An analysis of stellar interferometer configurations for surveillance applications	1980
19810080780	Radiative Transfer in the Surfaces of Atmosphereless Bodies. 2: Interpretation of Phase Curves	1980
19810080781	CUSP proton signatures and the interplanetary magnetic field	1980
19810080791	Microprocessors, components in logic systems architecture	1980
19810080821	Modeling for estimation of vertical deflection data	1980
19810080829	AV-8C SLEP fatigue analysis report, revision A	1980
19810080832	Manned bomber penetrativity evaluation, supplement. Annex G: Support project plan	1980
19810080847	AV-8B propulsion performance and functional analysis report, volume 1	1980
19810080849	Application of Superplastic Forming/Diffusion Bonding (SPF/DB) of titanium structure (T-38 main landng gear strut door)	1980
19810080850	Conceptual design study for supersonic fighter/attack V/STOL aircraft	1980
19810080872	Investigation of F-15 pitching moment discrepancy during dynamic maneuvers	1980
19810080877	A study of nuclear airblast simulators for aircraft testing	1980
19810080879	RF shielding effectiveness test on the northrop constructed screen room	1980
19810080880	Bomb damage repair equipment concept study	1980
19810080891	The digitally-controlled T6 missile six-degree-of-freedom comprehensive time dman simulation user's guide	1980
19810080892	An optimal guidance law for air to air missiles based on constant turn rate kinematics	1980
19810080897	Low cost missile motor demonstration program. Volume 3: Appendices	1980
19810080902	Calculating the potential of topographic masses in Molodenskiys Approximations	1980
19810080903	Shroud composite materials testing and concept synthesis program	1980
19810080905	Application of metal matrix composite materials to missile airframes	1980
19810080910	Manufacturing densification methods for carbon/carbon composite nozzles. Phase 1: Low PIC scale-up densification, phase 2. Low PIC manufacturing demonstration, part 1	1980
19810080913	Erosion resistant nosetip materials made by the IDAR process	1980
19810080928	Some properties of glass used as membranes in chemical current sources. Part 2: Sodium phosphate and lithium-sodium phosphate glass	1980
19810080929	The toxicities and compositions of the combustion products of certain chemical and natural fabrics	1980
19810080932	Study of high strength BN fibers, exploratory development	1980
19810080941	Reduced flame temperature propellants	1980
19810080950	Topological concepts as applied to electromagnetic signal isolation and mechanical cable survivability	1980
19810080954	Development of Electron Bombarded Silicon (EBS) Charge Coupled Device (CCD)	1980
19810080960	Improved BQM-34A Collocated Augmentation Soaring System (CAS 2) radar cross section measurements	1980
19810080962	Characterization and profile of Air Force multichannel objective system traffic requirements	1980
19810080963	Characterization and profile of Marine Corps multichannel objective system traffic requirements	1980
19810080964	Procedures for satellite access and frequency, power, and bandwidth allocation for MILSATCOM special users, part 1	1980
19810080973	EHF silicon double-drift impatts	1980
19810080974	Microwave Self-Mixing Sensor (MSMS) signal processing techniques	1980
19810080976	Device for shaping high-current pulses	1980
19810080977	Device for shaping high-voltage pulses	1980
19810080979	Vacuum switch	1980
19810080980	Miniature solid/state AM/FM broadband transmitter modules (2 MHz-400 MHz) with high level modulation	1980
19810080994	UNM interface normal stress transducer development and evaluation	1980
19810080997	Design of heat pipe cooled laser mirrors	1980
19810081000	Laser-light scattering diagnostics for ATA propagation experiments	1980
19810081002	Laser beam steering techniques	1980
19810081004	SIG-D laser inertial measurement unit performance testing	1980
19810081005	Hazard evaluation of Talissi laser transmitter	1980
19810081013	Surface acoustic waves and acoustic microscopy for N.D.T.	1980
19810081024	Seasonal cloud amount and cloud-free line-of-sight data for the oceanic area west of Scotland. Report number 2 of the OCAMO Project	1980
19810081037	Control unit for digital computers	1980
19810081046	Connected digit recognition for VIP-100, volume 2	1980
19810081049	Shear layer effects on pure tone sound propagation in open jet wind tunnels using 1/3 octave analysis	1980
19810081051	Modified Acoustic Range Prediction Model (ADRPV). Volume 1	1980
19810081061	Short wavelength radiation phenomena in optical system materials	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810081068	DARPA/STO program	1980
19810081178	Manufacturing methods for magnetically suspended reaction wheel assembly 500 - 1000 ft.-lb-sec.	1980
19810081183	Manufacturing technology for composites horizontal tail skin stabilization	1980
19810081201	The influence of aeroelasticity on swept composite wings. Volume 1: Analysis	1980
19810081202	Cost study of stress wave riveting in the design and repair of aircraft	1980
19810081210	V/STOL technology requirements for future fighter aircraft	1980
19810081212	Integrated flight/weapon control applications illustrated for the F-16	1980
19810081213	In the autorotation mode	1980
19810081220	Built-Up Low-Cost Advanced Titanium Structures (Blats) phase 2, preliminary design	1980
19810081221	Structural design and wind tunnel testing of a forward swept fighter wing	1980
19810081236	Altitude and speed reading on SARPP tape	1980
19810081242	Evaluation of high temperature damping applications to increase fatigue life in rotating jet engine components	1980
19810081253	Design and development of advanced high-pressure gas generator (ATEGG), volume 2 (U)	1980
19810081256	Navy Advanced Flight Control Actuation System (AFCAS), development of direct drive control valve module (acronym DIDR Module)	1980
19810081284	Power series for perturbations of satellite coordinates due to tesseral and sectorial harmonics of the geopotential	1980
19810081287	Improved AIM-9P special project plan	1980
19810081288	Aerodynamic configured missile development. Volume 6: Phase 3 experimental program	1980
19810081289	Aerodynamic Configured Missile development. Volume 5: Phase 2 experimental program	1980
19810081290	Aerodynamic Configured Missile development. Volume 1: Executive summary	1980
19810081291	Aerodynamic Configuration Missile development. Volume 2: Configuration development	1980
19810081292	Aerodynamic Configured Missile development. Volume 2: Configuration development. Appendix A. Aerodynamic Configured Missile reference library summary	1980
19810081293	Aerodynamic Configured Missile development. Volume 2: Configuration development. Appendix B. Relations between aerodynamic characteristics and performance	1980
19810081294	Aerodynamic Configured Missile development. Volume 3: Missile aerodynamic prediction rationale using the supersonic/hypersonic arbitrary body program	1980
19810081305	Signature characterization. Volume 1: Fourier transform spectroscopy system for characterization of rocket exhausts	1980
19810081307	Fabrication and delivery of rocket motor components utilizing pipe mill products	1980
19810081314	Phoenix rocket motor Mark 47 Mod and Mark 60 Mod 0 surveillance (U)	1980
19810081315	Advanced composite deployment module/structural validation	1980
19810081319	Analytical Processing for Improved Composites (APIC). Volume 1: Processing and characterization	1980
19810081341	Connectors for optical fiber TDM cables	1980
19810081351	Mechanical characterization of VAMAC 33B at ambient and elevated temperature	1980
19810081356	Safety study report of the AGM-65 reduced smoke rocket motor	1980
19810081368	A semi-empirical technique for predicting the resistance of surface effect ships	1980
19810081369	Standard cryogenic cooler program	1980
19810081381	Tactical 15 gigahertz radio link-Nera NSL-88	1980
19810081384	Improved antenna window materials	1980
19810081386	Antenna patterns of the full scale QF-100	1980
19810081391	Phased array radar applications study for Western Space and Missile Center	1980
19810081392	Theoretical limitation of the sea on the detection of low Doppler targets by OTH radar	1980
19810081396	Characterization and profile of army multichannel objective system traffic requirements	1980
19810081413	Systems analysis for a dual mode (pulse-up) transmitter (U)	1980
19810081424	High-voltage hydrogen thyratron	1980
19810081425	Vacuum switch	1980
19810081441	High band millimeter-wave TWT (U)	1980
19810081446	Research area of fluid mechanics scientific report, status 1980	1980
19810081451	Ring laser gyro technology for advanced aircraft navigation, phase 2	1980
19810081452	High power CW GaAs laser improvement	1980
19810081467	COPPERHEAD laser seeker model description and validation (U)	1980
19810081471	Feasibility concept analysis, the AMX-1000 hydrokinetic transmission	1980
19810081488	Materials strength properties at high pressures and high strain rates	1980
19810081496	Adjustment of triangulation nets: Overall computation of provisional coordinates	1980
19810081504	Pulse power supply source	1980
19810081507	On the Rayleigh-scattering optical depth of the atmosphere	1980
19810081509	On the local energy equation in the gravitational field	1980
19810081510	Joint evaluation of gravity anomalies and satellite altimetry data	1980
19810081514	Climatological statistics on meteorological factors affecting electro-optics in Germany	1980
19810081529	Image processing architecture: Phase 2	1980
19810081545	The geochemistry of radionuclides with long half-lives: Their expected migration behavior	1980
19810081552	Oscura Peak Tracker Investigation and Comparison Series (Optics) evaluation, volume 3, appendix E	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810081553	IR signature study 2	1980
19810081558	Development of an extended model for prediction of optical sight	1980
19810081570	The influence of surface states and volumetric devices on the operation of structures with a charged transferral of gallium arsenide	1980
19810081591	Aviation and cosmonautics (selected articles)	1980
19810081598	Calculation of flow about blunted bodies by a nonequilibrium flow of air on the basis of the Navier-Stokes equation	1980
19810081606	Selecting the signal measurement time in a gyro-optical compass	1980
19810081616	Air combat effectiveness study (U)	1980
19810081648	Dealing with certain features of the technological process of isothermic stamping of compressor blades from alloy VT 9	1980
19810081721	High rate, minimum signature propellant development (U)	1980
19810081739	SH-3H lightweight improved radar study (U)	1980
19810081745	Television broadcasting video channels. Main video channels. Main video channels of radio relay and cable lines of communications. Basic parameters. Measuring methods	1980
19810081759	Investigation of the influence of operational factors on the efficiency of semiconductor devices which are protected by polymers	1980
19810081762	Explosive type switch	1980
19810081764	Monolithic GaAs microwave analog integrated circuits	1980
19810081769	Calculation and construction of aerial cameras	1980
19810081790	Carbon dioxide laser performance in SMOKE WEEK 3 (U)	1980
19810081792	Further experimental studies on the effect of combined obliquity and yaw on the perforation of steel plates by long-Rod U-0.75 WT% Ti penetrators (U)	1980
19810081796	Rocket sled tests of advanced missile materials in simulated nuclear dust cloud environments	1980
19810081808	Industrial and sanitary purification of gases (selected articles)	1980
19810081809	Centrifugal-electromagnetic dust-collector	1980
19810081810	Method of evaluating the accuracy of measurement of the measurement of the disperse composition of aerosols with a photometric counter	1980
19810081811	Reducing the dust content in the air at electrode plants	1980
19810081812	Hygiene and sanitation (selected articles)	1980
19810081819	Cosmos and ocean	1980
19810081832	Unified systems of computers, software	1980
19810081836	Magnetic field forming device of a synchrotron	1980
19810081842	Magnetic analyzer for the investigation of the energy spectrum of the high-current beam of relativistic electrons	1980
19810081856	Development of a comprehensive program of scientific and technical progress for twenty years	1980
19810081908	ICAM Manufacturing Cost/Design Guide (MC/DG). Volume 1: Demonstration section	1980
19810081909	ICAM Manufacturing Cost/Design Guide (MC/DG). Volume 2: Appendices to demonstration sections	1980
19810081910	ICAM Manufacturing Cost/Design Guide (MC/DG). Volume 3: Computerization	1980
19810081922	Sensor improvements for aircraft performing the night/adverse weather battlefield interdiction mission (U)	1980
19810081957	Augmented heat transfer in high dust environments	1980
19810081958	Familiar with the stars	1980
19810081959	Satellite over ocean	1980
19810081960	Advanced metallic structures missile shroud development program	1980
19810081980	High performance Gimbal Technology. Volume 2: Part 2 (U)	1980
19810081981	High performance Gimbal Technology. Volume 1: Part 1 (U)	1980
19810082019	Material modeling for erosion performance of carbon-carbon materials; All-Weather Nosetips for Reentry Vehicles (AWNPN) Program	1980
19810082023	Assessment of carbon/carbon technology for future strategic and tactical missiles. Volume 3: Presentation material	1980
19810082024	Assessment of carbon/carbon technology for future strategic and technical missiles. Volume 1: Executive summary	1980
19810082025	Assessment of carbon/carbon technology for future strategic and tactical missiles. Volume 2: Technical report	1980
19810082028	Obtaining trans-anethole from fennel oil by gas chromatography	1980
19810082049	Image scanner	1980
19810082055	Physicochemical bases of the production of radio electronic equipment	1980
19810082056	Device for the processing of quantized signals	1980
19810082071	Subroutine descriptions for WSPRCII	1980
19810082072	WSPRCII common blocks	1980
19810082073	WSPRCII overlay structure	1980
19810082074	Program documentation for the computer program WSPRCII	1980
19810082125	Metallo-organic materials for improved thick film reliability	1980
19810082166	Study of capacitor concentration meters of a coal-dust air mixture	1980
19810082167	New area of laser application	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19810082168	Unitary method of determining the coordinates of the center of gravity of sources of gravitational and magnetic anomalies	1980
19810082173	Vulnerability analysis of the DMSP block 5D-1 meteorological satellite	1980
19810082184	Effect of space flight on sodium, copper, manganese, and magnesium content in the skeletal bones	1980
19810082185	Subjective visual functions and objective ocular symptomatology after large doses of atropine	1980
19810082201	Balloon altitude mosaic measurements-data report number 4: Air Force surveys in geophysics	1980
19820002165	Propulsion study for Small Transport Aircraft Technology (STAT), Appendix B	1980
19820003519	Impinging jets	1980
19820004688	Rectenna System Design	1980
19820004868	Gastrointestinal allergy in the experimental animal: The use of radioiodinated serum albumin in the assessment of new drugs	1980
19820004888	Measurement of gonadal and bone-marrow doses from dental radiography	1980
19820004889	Gonadal doses from radiotherapy	1980
19820004890	Genetic and mean bone-marrow doses from medical use of unsealed radioisotopes	1980
19820004891	Contributions to the genetic and mean bone-marrow doses of the Australian population from radiological procedures	1980
19820005075	Electron cyclotron damping for large wave amplitude in Tokamak plasmas	1980
19820005078	Effects of preionization level on a stabilized Z-pinch	1980
19820005082	Plasma research laboratory report, 1979	1980
19820005106	Study of Al/Si interface by photoemission, Auger electron spectroscopies	1980
19820005778	Absorbed dose to active red bone marrow from diagnostic and therapeutic uses of radiation	1980
19820006675	Radar correlation with ice depolarization measurements of the 28,56 GHz COMSTAR beacon and associated cross polarization statistics	1980
19820006770	SOLTECH 80	1980
19820007282	Interfacial structures in nickel-based transition joints after long term service	1980
19820008157	Voyager 1 encounters Saturn	1980
19820008390	Sunflower seed oil as an extender for diesel fuel in agricultural tractors	1980
19820008399	Proceedings of the 4th International Symposium on Alcohol Fuels Technology, volume 1	1980
19820008400	Proceedings of the 4th International Symposium on Alcohol fuels Technology, volume 2	1980
19820008564	Partially processed multispectral scanner LANDSAT high-density tapes reformatting system (HDT-AM/AMC) design specifications	1980
19820008565	Multidisciplinary research on the application of remote sensing to water resources problems	1980
19820008566	LANDSAT-2 and LANDSAT-3 flight evaluation report, 23 January to 23 July 1980	1980
19820008568	Report on a short course in remote sensing and the geological applications of LANDSAT MSS imagery at INPE	1980
19820008652	Heat storage with an incongruently melting salt hydrate as storage medium based on the extra water principle	1980
19820009442	Induced luminescence by charged particles on gaseous, liquid and solid argon	1980
19820009754	Solar-cell project	1980
19820010477	Solvation of some non-metals in liquid lithium and sodium	1980
19820010505	Effect of thermal cycling on the movement of the alpha Zr/alpha Zr-2.5 wt percent Nb alloy	1980
19820010653	Operating experience with the Harwell thermo-mechanical generators	1980
19820010763	Demonstration of crack growth by delayed hydrogen cracking in the rolled joints of Zr-2.5% Nb pressure tubes	1980
19820010764	Elastic stresses in U-shaped bellows	1980
19820010765	X-ray measurement of residual stress in metals at Chalk River Nuclear Laboratories	1980
19820011081	Some properties of the non-linear partial difference equation for the Ising-model correlation function	1980
19820011082	Spontaneous breakdown of chiral symmetry in semi-classical method. 1: Boundary condition on the path integral	1980
19820011083	Feynman path integral and Poisson processes with piecewise classical paths	1980
19820011084	Use of angular finite elements for the numerical analysis of transport equation	1980
19820011114	Wave function formalisms in the channel coupling array theory of many-body scattering	1980
19820011115	A multi-cluster, n-particle generalization of the three-particle Faddeev wave function equations	1980
19820011141	Study of inclusive semi-leptonic neutral current reactions in neutrino and antineutrino interactions between 12 and 200 GeV	1980
19820011143	Elastic and inelastic scattering measurements for the Mg-24 plus Pb-208 and Si-28 plus Pb-208 systems	1980
19820011199	A model for stored energy in amorphous silica	1980
19820011200	Transient capacitance measurements of deep level defects introduced in beta-ray compensated germanium by long-term annealing at room temperature	1980
19820011202	On the conditions required for vacancy loop growth in irradiated metals and alloys	1980
19820011203	Transient conductance spectroscopy measurements of defect states in Gamma-irradiated n-channel silicon field effect transistors with possible Gamma-dosimeter applications	1980
19820013388	Aspects on testing methods for acid attacks on concrete: Further experiments	1980
19820013446	Tensile behaviour of nitrided 20%Cr/25%Ni/Ti stainless steel alloys	1980
19820013448	Certification of nitrogen in non-ferrous metals: Nitrogen in zirconium	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820013570	Contribution to the study of a magnetic refrigeration between 4.2 and 1.8 K	1980
19820013669	Present status of rarefied gas dynamics approach to the structure of a laser induced evaporating jet	1980
19820013671	Contribution to the study of the mechanisms of turbulent diffusion and of related matters	1980
19820013821	Design and operation of a motorized binary gas mixture apparatus	1980
19820014139	Simple comparison between the yields of various types of radiation of electrons	1980
19820014163	The feasibility of igniting a thermonuclear plasma with lower hybrid heating	1980
19820014176	All metal array of antennae for RF heating of Tokamaks in the ion cyclotron range of frequency	1980
19820014196	Non-linear partial difference equations for the two-spin correlation function of the two-dimensional Ising model	1980
19820014200	Study of elementary point defects and of the dynamic of defects associated to irradiation in alpha AgZn solid solutions	1980
19820014205	Stationary scattering theory	1980
19820014206	Thermodynamic study of the injection of steam bubbles in a subcooled liquid	1980
19820014569	Current sharing in an insulated multistrand cable in transient and steady state current conditions	1980
19820014571	Energetic breakdowns and voltage hold-off between copper electrodes in vacuum	1980
19820014894	Proceedings of the Workshop/Symposium on the Preliminary Evaluation of the Ionospheric Disturbances Associated with the HEAO-C Launch, with Applications to the SPS Environmental Assessment	1980
19820014929	Effect of heated diesel fuel on particulate generation and fuel consumption for a Deutz F6L 912 engine	1980
19820014961	Evaluation of criteria for defining tectonic, seismic or seismotectonic provinces	1980
19820015130	Experimental and numerical studies of the fast ions confined in TFR 600 during fast neutrals injection	1980
19820015144	Experimental investigation of current production by means of rotating magnetic fields	1980
19820015147	Microwave scattering study of the ion cyclotron wave during plasma heating in the Tokamak	1980
19820015149	Infrared thermography on TFR 600 Tokamak	1980
19820015151	Technical study of torsional Transit-Time Magnetic Pumping (TTMP) heating. Application for PETULA and large machines	1980
19820015410	Nickel-like spectra of elements Y 12 to Ag 20 from a vacuum spark	1980
19820015430	Incremental elongation or ratchetting: Experimental tests and practical method of analysis on stainless steel 304L	1980
19820015431	Eddy current detection of corrosion damage in heat exchanger tubes	1980
19820015447	Study on the preparation of heat shrinkable polyethylene film	1980
19820015448	Radiation grafting of flame retardants onto polyester/cotton blend fabric by electron beams	1980
19820015449	Preparation of unsaturated acrylic prepolymer and electron beam curing of its mixture with vinyl monomers	1980
19820015514	Zero-point electromagnetic field and nonlocality	1980
19820015529	Operation of a fast H. V. protection circuit for neutral injectors with two tetrodes in series	1980
19820015629	Contribution to the study of heat transfer mechanisms in He. Application to the stabilization of superconductors by superfluid He	1980
19820015645	Electric dosimeters. Application in radiodiagnosis	1980
19820015683	Investigations of the effects of the state of stress on fracture characteristics	1980
19820015933	Investigations into the dynamics of aerosols in enclosures as used for air pollution studies	1980
19820015934	Trace elements in airborne particulates in South Africa	1980
19820016080	Tornado risk in eastern Canada: A Monte Carlo approach	1980
19820016123	An appraisal of selected cost/resource estimation models for software systems	1980
19820016148	FORTTRAN program optimization	1980
19820016157	Mathematical bases of the finite element method	1980
19820016170	Filamentation and collapse of Langmuir waves in a weak magnetic field	1980
19820016186	Lorentz invariance and elementary particle properties	1980
19820016187	Nature of the positive ion contribution to a gas discharge	1980
19820016188	Transport parameters of an electron swarm in nitrogen at elevated E/N	1980
19820016189	Spectroscopic study of energy losses during the inelastic and elastic collision processes in a He(+) -He system	1980
19820016193	Data on collisions of helium atoms and ions with atoms and molecules. 1: Cross sections for charge transfer of He, He+ and He++ with H, H2 and He	1980
19820016213	Stability properties of kink-interchange modes in a plasma containing alpha particles	1980
19820016214	Formation on nonlinear magnetic islands and diffusion in inhomogeneous plasmas	1980
19820016215	Steady-state solutions for the penetration of a rotating magnetic field into a plasma column	1980
19820016218	Three-dimensional transport model for toroidal plasmas	1980
19820016220	Generation of steady currents in a plasma cylinder using RF waves	1980
19820016222	Numerical study of the generation of an azimuthal current in a plasma cylinder using a transverse rotating magnetic field	1980
19820016223	Experimental and theoretical studies of recombination ionization and diffusion processes in an arc plasma	1980
19820016226	Study of the excitation processes in a low power nitrogen plasmatron	1980
19820016228	Calculation of temperature distribution of tungsten filament cathode in gaseous discharge. In the case of constant heater current	1980
19820016229	Evaluation of mechanical strength of the joints in JT-60 toroidal field coil conductors	1980
19820016230	Some considerations of design issues on toroidal field ripple	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820016232	Study of helical modulation in the doublet plasma column. Doublet 3 experimental report, 4	1980
19820016233	Toroidal drift wave	1980
19820016234	Accumulation and elimination of metal impurities near the center of dee plasmas in Doublet 3. Doublet 3 experimental report, 3	1980
19820016235	Nonlinear excitation of magnetoacoustic oscillations by means of an oscillating axial current	1980
19820016244	Monte Carlo study of SU sub 2 gauge theory at finite temperature	1980
19820016248	Lower hybrid heating data on the Wega experiment revisited using ion stochastic heating and electron Landau damping theories	1980
19820016249	Asymptotic behaviour of form factors	1980
19820016250	Feynman maps without improper integrals	1980
19820016451	Compatibility of heat resistant alloys with boron carbide	1980
19820016455	A (63)Cu and (65)Cu NMR study on an amorphous Ni-Cu-P alloy	1980
19820016456	Reactions of aliphatic free radicals with transition metal complexes	1980
19820016470	Chemical and topological short-range order in metallic glasses	1980
19820016471	Crystallization products of Fe-B-Si based metallic glasses	1980
19820016472	Some iron-based metallic glasses studied by positron annihilation	1980
19820016473	Application of Moessbauer spectroscopy in studies of thermal fatigue of ceramic materials. Part of a coordinated programme on development of methods for the application of Moessbauer spectroscopy in mineralogy, soil sciences and ceramics	1980
19820016564	Effect of losses on high current density superconducting magnet winding stability during energy removal process	1980
19820016584	Liquid damping of the stator vibrations at the true mass flow meter 50, a mass flow measuring instrument for non-steady-state two-phase flow	1980
19820016602	Characteristics of a parallel plate avalanche counter with thin film electrodes	1980
19820016898	Equation of motion for the axial gravitational superfield	1980
19820016965	Microprocessorized message multiplexer	1980
19820017085	Complete destruction of heavy nuclei by hadrons and nuclei	1980
19820017086	Study of material science by neutron scattering	1980
19820017087	A classical statistical model of heavy ion collision. Part 1: The basic formulae	1980
19820017089	Study of the ion-molecule reaction in a microwave plasma of propylene	1980
19820017090	Photofragmentation of metal halides	1980
19820017091	Electronic structure of palladium-hydrogen and palladium-deuterium from deHaas-van Alphen experiments	1980
19820017094	Two-dimensional Lorentz-invariant field theory models with higher integrals of motion. 1: Complex scalar fields	1980
19820017095	N-body methods in the theory of nuclear reactions	1980
19820017107	Transition from isentropic to isothermal expansion in laser produced plasmas	1980
19820017108	Plasma diagnostics with lasers	1980
19820017109	Ballooning instability in a Tokamak with anisotropic ion temperature	1980
19820017110	Model calculations of the tearing instability associated with AC modulation of the plasma-current in Tokamaks	1980
19820017111	Linear waves in a warm magnetoplasma. A study in homogeneous and inhomogeneous wave propagation	1980
19820017112	Charge exchange of hydrogen atoms with multiply charged ions in a hot plasma	1980
19820017113	Centrifugal effects in a weakly ionized rotating gas	1980
19820017122	Zeeman effect: New outlook on old perturbation theory	1980
19820017124	Spin reorientation transitions in CO ₂ (+) substituted ErFeO ₃	1980
19820017127	Sputtering yield measurements on hcp and fcc cobalt	1980
19820017128	Multiple spin echoes in nonmagnetic amorphous alloys	1980
19820017129	Moessbauer study of amorphous Fe-P alloys	1980
19820017130	Evidence for ordered metal hydride production by low temperature ion implantation	1980
19820017136	Classical and quantum scattering cross-sections on the impenetrable sphere	1980
19820017137	Note on the problem of two interacting stochastic particles	1980
19820017165	Limits on neutrino degeneracy from early nucleosynthesis	1980
19820017215	Interplanetary transport of solar cosmic rays	1980
19820017409	Cosmos 954. The occurrence and nature of recovered debris	1980
19820017456	Reaction of nuclear graphite with oxygen under gamma-ray irradiation	1980
19820017503	Ductility loss neutron-irradiated Hastelloy-X at elevated temperatures	1980
19820017504	Optimization in Si content of Hastelloy XR for oxidation resistance and oxide film adherence during oxidation in VHTR helium	1980
19820017506	Embrittlement of normalized and tempered 2.25Cr-1Mo steel by the temper embrittlement under stress	1980
19820017617	Pattern recognition in calorimeters	1980
19820017635	The theory of laser annealing of disordered semiconductors	1980
19820017670	Crack propagation behavior of graphite under cyclic loading condition	1980
19820017671	Studies on fatigue crack growth around weldment in SUS304 stainless steel. Mechanical properties and crack growth behavior in base metal, weld metal and HAZ	1980
19820017848	Torsion and curvature in terms of the molybdenum tubes axial gravitational superfield	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820017870	Report of meteorological observations on the site of Tokai Research Establishment from 1973 to 1975	1980
19820017994	Painleve equations and their connection with nonlinear evolution equations, part 2	1980
19820017995	Feynman graph derivation of Einstein quadrupole formula	1980
19820017996	Canonical structure of soliton equations. 2: 3x3 and NxN problems	1980
19820017997	Canonical structure of soliton equations. 4: The Kaup-Newell system	1980
19820017998	New class of the factorized S matrix and triangle equations	1980
19820018020	On Hilbert space of paths	1980
19820018021	Spectral density for two dimensional continuum QCD	1980
19820018023	Superalgebra b(0.1) and explicit integration of the supersymmetric Liouville equation	1980
19820018030	Structure of the QCD vacuum in the large N limit	1980
19820018031	Makeenko-Migdal equation in a domained QCD vacuum	1980
19820018032	Wilson loop in vacuum fields	1980
19820018033	Do extended bodies move along the geodesics of the Riemannian space time	1980
19820018035	Experimental and theoretical investigations on the transmission of sound through single and double plates in air and helium at pressures up to 50 bars	1980
19820018047	Experimental and simulated beam-foil decay curves for some transitions in Zn2	1980
19820018048	Evidence for the baryon resonance with isotopic spin 5/2 in n-p interactions at energies of 4-5 GeV	1980
19820018051	The p anti p atom spectroscopy	1980
19820018052	Studies of energy levels and lifetimes in neutral and ionized light atoms	1980
19820018053	Study of mass asymmetry effect in the entrance channel for deep inelastic collisions between heavy ions	1980
19820018054	Study of the nucleon-antinucleon interaction. application to cross sections and baryonium	1980
19820018056	Light exotic atoms in liquid and gaseous hydrogen and deuterium. Atom anti pp, theory and experiment	1980
19820018057	Angular distributions of elastic and quasi elastic heavy ion collisions. Pattern analysis	1980
19820018058	Elastic and inelastic scattering of polarized deuterons by complex nuclei	1980
19820018059	Charged multiplicity distributions in anti np interactions at 6 GeV/c	1980
19820018060	Radiative decays of light mesons	1980
19820018064	Approximate description of multiple scattering in nucleus-nucleus collisions at high energies	1980
19820018065	Experiments with beams of high-energy nuclei and the problem of relativization of nuclear wave functions: Dubna-Kosice-Moscow-Strasbourg-Tbilisi-Warsaw collaboration	1980
19820018066	Radiological safety studies on ground disposal of radioactive wastes. Distribution and migration of radionuclides in the aerated zone	1980
19820018067	Assessment of methods for immobilizing reprocessed radioactive waste	1980
19820018080	Altarelli-Paisi equations as renormalization group equations for the coefficients of the nonlocal light-cone expansions	1980
19820018081	Investigations on fiberoptic behaviour during gamma irradiation	1980
19820018096	Preliminary study of Swimming Pool Type Tokamak Reactor (SPTR)	1980
19820018097	Kinetic theory of kink-like instabilities	1980
19820018106	Plasmons in classical non-Abelian gauge theories	1980
19820018132	Thermal stability and crystallization of transition metal-boron metallic glasses	1980
19820018134	Space group of the low-temperature phase of SrTiO3	1980
19820018135	Electron-nuclear double resonance in solids: 1: Nuclear moments. 2: Uniaxial stress effects	1980
19820018136	Structural and electronic properties of ion-implanted superconductors	1980
19820018142	Einstein's theory recovered	1980
19820018143	Linear quasipotential in the framework of quantum field theory	1980
19820018144	Vacuum in multicolor QCD	1980
19820018145	Eigenvalues of the Wilson operator in multicolor QCD	1980
19820018146	Operator expansion in quantum chromodynamics beyond perturbation theory	1980
19820018283	Galactic cosmic ray iron composition	1980
19820018615	Simultaneous thermal analysis of solid fuels	1980
19820018768	A large multi-cell threshold gas Cerenkov counter	1980
19820018770	Large scintillator array for particle identification by time of flight	1980
19820018860	Nonlinear finite element analysis of concrete structures	1980
19820018893	Groundwater dating by means of isotopes	1980
19820019000	Some puff modelling principles relevant for dispersion calculations in the atmosphere	1980
19820019001	Risoe model for calculating the consequences of the release of radioactive material to the atmosphere	1980
19820019208	Gauge convariance in non-Abelian gauge theories	1980
19820019224	Average transverse moments behaviour of charged hadrons in charged current antineutrino-nucleon interactions	1980
19820019225	Spatial energy distribution around energetic ions in condensed phases. Study by thermoluminescence	1980
19820019226	Charge-coupled devices for particle detection with high spatial resolution	1980
19820019228	Exotic atoms: A review	1980
19820019231	Four-body potential in multiquark states	1980
19820019243	Charged current events with neutral strange particles in high energy antineutrino interactions	1980
19820019269	Multigroup treatment of radiation transport	1980
19820019295	Dynamic properties of electrons in solids by neutron scattering	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820019296	Introduction to proton conduction in solids	1980
19820019302	Theory of finite degree of freedom. Its philosophical background and physical consequences	1980
19820019327	Definition of a positive frequency part for a quantized scalar field in several Robertson-Walker universes	1980
19820019328	Non-local stability of self gravitating stellar systems	1980
19820019329	Evolution of the primordial cosmic turbulence	1980
19820019404	Benefit Cost Analysis of the Aircraft Energy Efficiency Program	1980
19820019587	Measurements of nitrogen depth distribution in the surface of steel with the N-14(d,p sub o)N-15 reaction	1980
19820019917	Fracture toughness determination of the pressure vessel steel A508 Cl 2 between 100 and 350 deg C	1980
19820020031	On the description of the properties of fractured rock using the concept of a porous medium	1980
19820020273	Behaviour of rapidly rotating nuclei	1980
19820020289	Beam optical properties of the magnetic field produced by two coaxial coils	1980
19820020302	Ideal MHD equilibrium of a weakly toroidal plasma column with elongated cross-section. Part 2: Force-free fields	1980
19820020303	Cyclotron radiation from thermal and non-thermal electrons in the WEGA-stellarator	1980
19820020357	Cosmic radiation. Results from satellite experiments. A literature survey	1980
19820020961	Energy in Canada. Review and perspective	1980
19820021153	The two-way TDRSS observation model for the LSI-11/23 microcomputer	1980
19820021180	Autonomous onboard attitude determination system specifications and requirements	1980
19820021189	Program package for solving linear optimization problems. User's manual	1980
19820021210	Calculation of linear stability with the aid of asymptotic solutions of Orr-Sommerfeld equation. Part 1. The treatment of the linear stability problems for $(\alpha)R_1$ containing one simple turning point; Two dimensional quasi-parallel flow: Jeffery-Hamel flow	1980
19820021234	Nonrelativistic gauge theories	1980
19820021315	MHD stability analysis code ERATO-J. User's manual of JAERI version ERATO	1980
19820021316	Heat removal from the simulation electrode of a high power log pulse ion source	1980
19820021317	Toroidal plasma MHD equilibrium code EQUICR version 1	1980
19820021335	Search for superconductivity in ion-implanted b-Ge films	1980
19820021521	Argon luminescence bands between 1600 A and 2900 A	1980
19820021527	Transfer matrix treatment for linear chains with long range interactions	1980
19820021559	Optimization of phase analysis of refractory alloys in the gas-ion-reaction chamber	1980
19820021601	Classification and properties of peat for fuel purposes	1980
19820021615	Biofuels for heating: In municipal energy planning	1980
19820021616	Assessment of potential future market in Sweden for hydrogen as an energy carrier	1980
19820021891	Durability of solar collectors. Experience of solar collectors exposed to natural weather conditions in a controlled simulated operation during 3 years on testing stand	1980
19820022090	Computer program for solar heating system. For TI59 programmable pocket computer	1980
19820022168	Calculation of the neutron strength functions of odd spherical nuclei within the quasiparticle-phonon model	1980
19820022179	Study of material science by neutron scattering	1980
19820022182	Low angular-momentum-cutoff in statistical heavy ion processes	1980
19820022183	Contribution of quasi-elastic processes to the total reaction cross-section of heavy ions	1980
19820022185	Polarization potential for intermediate Energy electron-atom scattering	1980
19820022186	Analytic approximations for integrated electron-atom excitations	1980
19820022221	One-dimensional transport code for the simulation of D-T burning Tokamak plasma: POISE I	1980
19820022235	Conjecture on the critical frontier of the ferromagnetic Potts model on planar lattices	1980
19820022236	Induced magnetism via conduction electron exchange: Application to PrAl sub 2	1980
19820022239	Ising model with competing axial interactions in the presence of a field	1980
19820022441	Analytical Float Zone Experiments System (AFZES), phase B study, volume 1	1980
19820022539	Biopulver - Biomass powder. A technical and economic comparison with other fuels	1980
19820022852	Incident solar radiation and solar heating systems - measured and calculated	1980
19820023582	Swelling pressure of highly compacted bentonite	1980
19820023587	Filtration techniques for reversed osmosis	1980
19820023600	Granulometric study of sodium aerosols by laser spectroscopy	1980
19820023904	Preparatory experiments on seasonal storage in earth of excess heat from greenhouse	1980
19820024225	Neutrino oscillation and rare muon decays in the presence of a heavy neutrino	1980
19820024226	Phenomenological nucleon-nucleon interaction	1980
19820024227	The influence of mixing of finite mass neutrinos on beta decay spectra	1980
19820024228	Neutrino oscillations and anti nu sub (e)-e scattering	1980
19820024229	Elastic scattering and charge-exchange of pions by ^3He at the intermediate energies	1980
19820024230	Application of the approximate four body equations to description of the elastic scattering and charge exchange of pions by ^3He nucleus	1980
19820024233	Grassmann analyticity and extended supersymmetries	1980
19820024234	Oscillations of massless neutrinos as a refractive phenomena	1980
19820024235	Oscillation and mixing of massless electron and muon neutrinos	1980
19820024301	Irradiation induced disorder in organic conductors	1980
19820024352	A mean field calculation of the equation of state of supernova matter	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820024574	The dissolution of organic ion exchange resins using iron-catalysed hydrogen peroxide	1980
19820024897	Analysis of stress and deformation in non-stationary creep	1980
19820024994	Two solar heating systems for water heating. A description and evaluation after 4-months operations	1980
19820024996	Properties of solar and warm air heating systems and energy saving prospects compared with electrical heating	1980
19820025255	Recent Advances in Statistical Mechanics	1980
19820025262	Extended asymptotic functions: Some examples	1980
19820025263	On the impossibility of embedding horizontal and vertical subgroups in higher simple groups	1980
19820025310	About the experimental investigation of nuclear deformation at very high angular momentum	1980
19820025311	Secondary reactions as a tool to produce exotic nuclei	1980
19820025313	Tensor polarization in the pd backscattering at intermediate energies	1980
19820025323	Parity violation in the few-nucleon systems as the quark-nuclear effect. 3: Circular polarization of photons at radiative capture of thermal neutrons by protons	1980
19820025326	The lateral characteristics of several ultra-high energy proton and hadron families, part 2	1980
19820025362	Technical aspects of a grill coupling system for lower hydrid heating in the WEGA Tokamak	1980
19820025390	Conjecture on the critical frontier of the fully anisotropic homogeneous quenched bond-mixed Potts ferromagnet in square lattice	1980
19820025396	Test of Einstein locality	1980
19820025850	Development of nondestructive testing technique. Ultrasonic testing and radiographic testing	1980
19820025965	Optimal staging of endoreversible heat engines	1980
19820026328	Simple way of solving the hydrogen atom problem	1980
19820064873	Program of thermoelectric generator testing and RTG degeneration mechanisms evaluation	1980
19820065579	A real-time team-architecture computer system for general aviation	1980
19820065743	Closed-Form Solutions for Subsonic Flows over Plates with Porous Strips	1980
19820066011	Scientific research with high-altitude balloons: A brief review of recent investigations	1980
19820066172	NASA publications, November, 1980	1980
19820066425	Fast orthogonal derivatives on the STAR	1980
19820067140	Abstracts of papers submitted to the Eleventh Lunar and Planetary Science Conference	1980
19820067144	Physics and chemistry of 3-5 semiconductor surfaces and interfaces: An annotated bibliography	1980
19820067536	Organizing for effective operation of the space transportation system. Study report	1980
19820067766	Applications of marine geodesy in support of national objectives in ocean science, engineering and operations	1980
19820067958	Thermoelectric generator testing and RTG degradation mechanisms evaluation	1980
19820068115	Static compression of silicon in the 100 and in the 111 directions	1980
19820068136	Lunar remote sensing and measurements	1980
19820068168	Autopilot design for general aviation simulator	1980
19820068170	Experiment 74/15 flown on SPAR 5, 11 September 1978	1980
19820068303	Development of an ultrathin cell blanket	1980
19820068419	A steep latitudinal gradient of solar ultraviolet-B radiation in the arctic-alpine life zone	1980
19820068690	A study of formation of intense shear layers in transitional boundary layers	1980
19820069015	Model F-14A (Tomcat) aircraft ARI flight test program parameter identification results	1980
19820069121	A study of federal microwave standards	1980
19820069137	Modeling of photodegradation in solar cell modules of substrate and superstrate design made with ethylene-vinyl acetate as pottant material	1980
19820069832	Dielectric surface discharges: Dependence on incident electron flux	1980
19820070174	Improved digital side scan and other sonars for the JPL AOTDP (digitow)	1980
19820071022	Overview on NASA energy programs	1980
19820071164	AIBS/NASA Space Biology Symposium	1980
19820071165	Variable Gravity Research Facility (VGRF)	1980
19820071166	Research associates training program in space biology	1980
19820071167	An examination of the clinostat problem using leafy plants	1980
19820071168	Physiological mode of action in mechanical stress regulation of plant growth	1980
19820071169	Identification of a missing link in the time course of thigmomorphogenesis in beans	1980
19820071170	Inhibition of geotropism and associated calcium redistributions by a calmodulin-binding agent	1980
19820071171	Mechanisms of graviperception and response in etiolated pea seedlings	1980
19820071172	Plant cells, embryogenesis and morphogenesis in space	1980
19820071173	The effect of gravity and weightlessness on the development and regeneration of the giant coenocyte Caulerpa	1980
19820071174	The amyoplast as a gravity device in plants	1980
19820071176	Gravity response in the grass pulvinus: Is cellular asymmetry the answer to perception	1980
19820071177	Localizing and identifying gravity sensing mechanisms of plants	1980
19820071179	Mammalian Gravity Receptors: Structure and Metabolism	1980
19820071180	Research on prenatal and postnatal development and functional differentiation of the vestibular system in normal, rotated, and centrifuged rats and mice	1980
19820071181	Avian embryonic development in hyperdynamic environments	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820071182	Establishment of the dorsal/ventral polarity of the amphibian egg: Use of egg rotation re. gravity and ultraviolet irradiation as probes	1980
19820071183	A ground-based comparative study of the effect of weightlessness on the development of amphibian eggs	1980
19820071184	Drosophila biology in space	1980
19820071185	The visualizing of equilibrium receptor afferents and interneurons by HRP and cobalt chloride histochemistry	1980
19820071186	Thermoregulation in rats: Effects of varying duration of hypergravic fields	1980
19820071187	Hyper-gravitational effects on metabolism and thermoregulation	1980
19820071188	Gravity and body composition in the rat	1980
19820071189	Gravitational scale effects	1980
19820071190	Structural development and gravity	1980
19820071191	Hypokinesia and antiorthostasis: An animal model for studies of problems involved in weightlessness	1980
19820072372	The Structure of the Boundary Layer near the Nozzle Lip	1980
19820072379	A Low Altitude Solid Rocket Viscous Plume, Impingement Flowfield and Thermal Response Model and Its Application to the Pressure and Thermal Design Loads of Space Shuttle Launch Complex 39	1980
19820072715	Thrust-vectoring differential turns	1980
19820072731	Fabrication development and evaluation of advanced titanium and composite structural panels	1980
19820073004	Aerodynamic drag reduction devices in the trucking industry: A market survey	1980
19820073064	Wind tunnel dynamic models for aeroelastic studies in transonic flow	1980
19820073096	Configuration development of advanced fighters. Volume 1: Executive summary	1980
19820073097	Configuration development of advanced fighters. Volume 2: Concept derivation	1980
19820073098	Configuration development of advanced fighters. Volume 3: Concept definition	1980
19820073099	Configuration development of advanced fighters. Volume 4: Wind tunnel test program	1980
19820073101	ICAM manufacturing cost/design guide (MC/DG) data and MC/DG section development	1980
19820073104	ICAM Manufacturing Cost/Design Guide (MC/DG). Data development	1980
19820073107	Stores Management System (SMS)	1980
19820073111	Multiple hit dependent damage analysis of the FISHBED-J aircraft (U)	1980
19820073118	Research and development program for flight loads assessment of engine/ airframe integration	1980
19820073129	Manufacturing methods for shrouded blade and vane fabrication. Volume 2: Engine testing	1980
19820073130	Port cover technology development solid fuel ramjet engine component technology program	1980
19820073132	Analytical spin investigation of a forward swept wing fighter	1980
19820073139	Space university: Report from flight control center	1980
19820073149	Hit probabilities for unguided projectiles in head-on intercept geometries	1980
19820073155	Communications satellites in 1980	1980
19820073177	Satellite Materials Hardening (SMATH) 4. Volume 1: Thermo materials analysis and tradeoffs. Part 2: Pulsed effects (U)	1980
19820073192	Performance Technology Program PTP-A 1: Task 3.3.6.6. in flight roll torque measurement	1980
19820073198	Low Cost Missile Motors demonstration program, vol 1 (U)	1980
19820073199	Low Cost Missile Motor demonstration program, volume 2 (U)	1980
19820073205	Design manual for battle damage tolerant fiber composite structure	1980
19820073209	Performance Technology Program PTP-A 1: Task 3.7 heatshield erosion evaluation	1980
19820073210	Self-propagating high-temperature synthesis of borides	1980
19820073211	The application of composite materials to spatial structures	1980
19820073218	Isothermal forging beta titanium	1980
19820073220	Work hardening stainless steels by deformation at minus temperatures	1980
19820073222	The dissolution rate of ultrapure aluminum and its binary alloys in bases, part 1	1980
19820073230	Developing the bases of an energy theory for the radiation resistance of glass	1980
19820073243	Storage life of propulsion fuels for classical and rocket weapons	1980
19820073246	Liquefaction of coal using molten salts	1980
19820073247	Automatic nesting system	1980
19820073253	TACS subscriber unit and digital satellite simulator	1980
19820073269	Millimeter wave contrast guidance demonstration data reduction support. Volume 2: Appendices (U)	1980
19820073289	A matched filter	1980
19820073293	Super orthicons LI233, LI234, and LI235	1980
19820073294	A unipolar asynchronous DC motor with an hermetically sealed liquidmetal conductor	1980
19820073302	Strain gage for cryogenic and high magnetic fields, part 1	1980
19820073304	Single-axis crystal constrained digital accelerometer	1980
19820073305	Accuracy of a vertical IR sensor for geophysical rockets	1980
19820073306	Study of the penetrating power of the VAU camera	1980
19820073307	Some possibilities of increasing the sensitivity of spectroanalytical determinations by processing spectral photographic plates in phenidone developers	1980
19820073320	The radiation coherent mechanism of interaction of laser radiation with a substance and its applications	1980
19820073321	Industrial safety and lasers	1980
19820073325	Multi-wavelength filter concepts (U)	1980
19820073331	Non-destructive inspection of metals and manufactured articles, chapter 4	1980
19820073335	Nonlinear acoustic oscillations of a cylindrical shell	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820073336	Recent numerical experiments concerning limit analysis of shells of revolution	1980
19820073338	Theory and constitutive equation subroutine for thermoviscoplasticity	1980
19820073355	The study of air pollution	1980
19820073360	Contemporary concepts about structure and basic processes in the ionosphere, chapter 1	1980
19820073361	Relationship of the concentration of CO ₂ in the troposphere to pressure near the surface	1980
19820073366	Effect of physical loads on the mineral saturation of bone tissue of experimental animals	1980
19820073367	Effect of combined action of ionizing radiation and weightlessness on the calcium and phosphorus content in the mineral fraction of calcified skeletal tissues of rats	1980
19820073375	The current state of coherent optronic digital information processing and the possibilities for its development in Bulgaria	1980
19820073377	Positional characteristics of numerical representations in residue classes	1980
19820073380	Experimental medium energy physics	1980
19820073388	Model of an optical analyzer in the form of a system with space time frequency dependent function of sensitivity	1980
19820073389	Acousto-optical light modulator	1980
19820073390	A comparative of the single-element, matrix, and mosaic photodetectors for sensing optical signals from point sources	1980
19820073402	Shock compression of a nonideal plasma	1980
19820073403	Thermophysical properties of the plasma of a helium-hydrogen mixture in the temperature range 2800-3000 K and the pressure range 1-100 ATM	1980
19820073406	Tabular equation of state of water	1980
19820073409	ARPANET directory	1980
19820073410	ARPANET resource handbook	1980
19820073430	A scheme for the improved capture of shock waves in potential flow calculations	1980
19820073456	Analysis and design of supersonic aircraft based on inviscid nonlinear eulerian equations. Part 2: Nonlinear potential flow solutions with shock capturing	1980
19820073463	Advanced fighter Aero/Propulsion/RCS interactive evaluation. Volume 2: Appendix B: Wind tunnel model test program	1980
19820073464	Advanced technology demonstrator definition	1980
19820073469	Modular life cycle cost model for advanced aircraft systems, phase 3. Volume 1, revision 1: Cost methodology development and application	1980
19820073470	Modular life cycle cost model for advanced aircraft systems, phase 3. Volume 2, revision 1: Master control program, user's manual	1980
19820073479	ICAM Manufacturing Cost/Design Guide (MC/DG). Data development	1980
19820073496	A computer package for the analysis of discrete-time flight control systems	1980
19820073497	Development of critical components for a fluidic backup flight control system	1980
19820073499	Aircraft Shelter Explosive Test ASET program. Phase 1: Preliminary test planning and analysis	1980
19820073505	Space materials and technology (selected articles)	1980
19820073507	Dielectric properties and structures of irradiated polymers	1980
19820073522	Electric rail gun propulsion study (Advanced electric propulsion technology-high thrust)	1980
19820073535	Fatigue of carbon fibre reinforced plastics and detection of damage growth by ultrasonic C-scan	1980
19820073539	Ablative insulators for Ramjet engines. Volume 1: Review of NWC efforts under the airbreathing engines thermal protection (ABET) program	1980
19820073540	Analysis of external combustion on lifting-propulsive bodies, and shock-tunnel tests at free stream Mach approximately 7 and 10, part 2	1980
19820073549	The creep strength and rupture properties of aluminum alloy plates 2124-T851, 2419-T851 and X2048-T851 at 100 deg, 120 deg and 150 deg C	1980
19820073550	Metallurgical aspects of fatigue cracking at fastener holes	1980
19820073554	Application of rapidly solidified superalloys	1980
19820073557	High quality low cost titanium powder	1980
19820073559	Semiempirical equation-of-state of metals over a broad range of densities	1980
19820073564	Use of explosive energy to activate sintering processes in refractory materials	1980
19820073566	Mechanisms of elevated-temperature fatigue failure in Type 316 stainless steel	1980
19820073574	The fatigue of plus or minus 45 deg carbon fibre reinforced plastics	1980
19820073579	Phosphorus-containing polymers based on phenyldichlorophosphine and styrene	1980
19820073581	Acoustic emission studies on polymer composite materials. Part 1: The acoustic emission measuring method as a quasi-non-destructive materials test	1980
19820073590	Calculation of a non-one-dimensional unsteady detonation wave in mechanically inhomogeneous high density explosives	1980
19820073591	Measurement of the detonation parameters of condensed explosives	1980
19820073606	Dispersed radar stations and systems	1980
19820073607	Radio-frequency cables of high regularity	1980
19820073615	Topological shielding concepts: A review and application to the ICBM system	1980
19820073626	A transmitting attachment for the P250M2	1980
19820073628	The measurement of modulation transfer function for cathode-ray tubes	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820073632	Manufacturing technology program for frequency synthesizers	1980
19820073638	The 250 MHz synchronous detector user documentation	1980
19820073642	Monolithic GaAs microwave analog integrated circuits	1980
19820073649	Closed model of shock-wave initiation of detonation in high density explosives	1980
19820073650	Development of spherical detonation in condensed explosives	1980
19820073651	Experimental investigation of states in the chemical reaction zone of a detonation wave	1980
19820073652	Possible effect of expansion rate of a reacting substance on reaction time in steady-state detonation waves	1980
19820073655	The assessment of optical resolution performance of aerial reconnaissance cameras: Proposal for a modulation transfer function technique	1980
19820073678	Experimental measurements of harmonic drive performance	1980
19820073681	Cryogenous piston expansion engines	1980
19820073686	Study of burr formation during turning	1980
19820073687	Welding behavior of metallic glasses	1980
19820073694	The stiffness of a two-cell anisotropic tube	1980
19820073696	Calculating sagging of precast one-piece reinforced concrete structures	1980
19820073697	Determining the stress-strain state of the walls of a round silo	1980
19820073699	Stress analysis of frictional contact of the threaded joints of missiles by incremental loading	1980
19820073702	Investigations of large deformations and wave phenomena in dynamically loaded materials	1980
19820073703	The elevated temperature tensile properties of some welded joints in Type 316 steel	1980
19820073704	DYNAPCON: A computer code for dynamic analysis of prestressed concrete structures	1980
19820073706	Four-color printing in the production of topographic maps	1980
19820073709	The potential of fusion reactors as a source of process heat	1980
19820073710	The aluminum/air cell	1980
19820073717	Operational and organizational plan for ionospheric sounder AN/TRQ-35(V)	1980
19820073718	A new GDR (East German) standard for adjustment computation	1980
19820073719	Analysis of atmospheric measurements of infrared radiation	1980
19820073761	Organization of equation-of-state programs in the one-dimensional complex	1980
19820073770	Certain questions of modern mechanics	1980
19820073771	Motion equations of partially ionized, multicomponent gas mixtures in the normal Cauchy form with precise transport coefficients	1980
19820073772	Certain physico-chemical kinetic problems in the gas-dynamics of reactive media	1980
19820073773	Two models of chemico-thermal treatment of metals and alloys with shock waves	1980
19820073774	Stability of a plane detonation wave	1980
19820073775	The interaction of slow detonation with Alven discontinuity in the case of a strong, transverse magnetic field	1980
19820073776	Reflection of a shock wave from a wall in a hot gas	1980
19820073777	Unsteady regimes of blunt body streamlining by a supersonic hot gas mixture flow	1980
19820073778	Supersonic streamlining of a body of finite dimensions with the presence of intensive injection of a hot gas mixture on its lateral surface	1980
19820073779	Solution of a direct problem of two-phase flow in a laval nozzle within the framework of a two-fluid model	1980
19820073780	The analytical investigation of hypersonic streamlining of blunt bodies	1980
19820073781	Streamlining of bodies by a hypersonic flow of nonviscous, volumetrically radiating gas	1980
19820073782	A parabolic wing similar to a wedge in a supersonic flow	1980
19820073783	An optimization method for generalizing the class of functions of certain variables and its application to problems of the determination of the forms which are optimal based on the aerodynamic characteristics of spatial bodies	1980
19820073784	Flow of a conducting fluid into a flat slot through an opening in a wall	1980
19820073785	The investigation of finite losses in a plane channel with finite electrodes with random magnetic Reynolds numbers	1980
19820073786	Description of turbulent magnetohydrodynamic flows with the aid of an additional differential equation for turbulent viscosity	1980
19820073787	Analysis of the turbulent viscosity equation in the region of transitional Reynolds numbers	1980
19820073788	Polymer additives in the boundary layer of a flat plate	1980
19820073789	The force acting on a body moving in water during gas removal	1980
19820073791	A dynamic problem of thermoelasticity for a thin-walled sphere	1980
19820073792	The propagation of harmonic waves in a circular cylinder made of, porous material with a liquid filler	1980
19820073793	Investigation of the stress-deformed state of linear, viscous-elastic bodies by the polarization-optical method	1980
19820073794	Kinematic Poisson equations in connection with the problem of determining course	1980
19820073795	USSR report: Physics and mathematics	1980
19820073796	A study of a long sliding spark	1980
19820073797	High-current coaxial discharge in the air stabilized by a dielectric wall	1980
19820073798	Active media of exciplex lasers (survey)	1980
19820073799	A closed-cycle gasdynamic CO ₂ laser with gas separator	1980
19820073800	Prospects for using an AC discharge to pump fast-flow closed-cycle carbon dioxide technological lasers	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820073801	Spatial coherence of emission of a laser with a resonator that is filled with a randomly inhomogenous medium	1980
19820073808	Selection of a system of nuclear constants for calculating the spectrum of sources of secondary Gamma-radiation initiated by neutrons in air	1980
19820073809	Device for determining position of center of gravity of charged particle beam	1980
19820073814	Fabrication of evanescent-wave couplers from single-mode fibers, task 1	1980
19820073824	Work on plasma physics and the problem of Controlled Thermonuclear Fusion (CTF) at the Novosibirsk Institute of Nuclear Physics	1980
19820073825	Operation of coaxial plasma source in a longitudinal magnetic field	1980
19820073830	Formation of native defects during laser irradiation and their effect on the photoelectric properties of single crystals of CdS	1980
19820073843	Annual progress report 1980	1980
19820073850	Advanced pattern matching for aircraft navigation and missile guidance	1980
19820073853	One-dimensional treatment of thermal transients in electrically deiced helicopter rotor blades	1980
19820073863	Development of a proposed military specification for survivable aircraft structures (nonnuclear) supporting data for the proposed military specifications	1980
19820073870	Guidelines for the design of aircraft windshield/canopy systems	1980
19820073881	Persistent fire suppression for aircraft engines	1980
19820073887	System safety analysis	1980
19820073891	A Standard Maintenance Information and Display Systems (SMIDS) analysis on the M65 TOW guided missile system	1980
19820073894	Performance degradation and failure mode study. Volume 3. PERCAM users manual	1980
19820073895	Performance degradation and failure mode study. Volume 1: Performance degradation analysis methodology	1980
19820073911	Advanced composites serviceability program	1980
19820073947	Cryogenic pumping of atmospheric air by liquid neon	1980
19820073970	Expected ground wave range from 6m whip for good (Central Europe) and poor (Near East, desert) ground conditions	1980
19820074007	Analysis and full scale test of DC circuit breaker for Tokamak device JT 60	1980
19820074009	Spatial radiometer system number 2	1980
19820074016	Theses of reports at the 2 All-Union Conference Optics of Lasers	1980
19820074022	Theoretical study of injection locking in chemical lasers	1980
19820074036	Lubrication of engineering surfaces	1980
19820074040	SINGER: A large displacement computer code for static and dynamic analysis of structures	1980
19820074054	Current formulation of the solution to the fundamental geodetic problem of determining the figure and dimensions of the earth	1980
19820074121	Electron-beam spall data for 70TAJ sub 1 cermet	1980
19820074122	Transactions of the Third All Union Conference on Charged Particle Accelerators, volume 1	1980
19820074123	Synchrotron radiation as the instrument of experiments	1980
19820074124	Synchrotron radiation: A source for spectroscopy and structural analysis in the extreme ultraviolet and soft X-ray region	1980
19820074125	Tanttalus 2: An electron storage ring for vacuum ultraviolet research	1980
19820074126	Synchrotron of the Lebedev Physics Institute on 680 MeV as a source of vacuum ultraviolet radiation	1980
19820074127	Experiment in the use of synchrotron radiation of the accelerator of the Lebedev Physics Institute on 680 MeV in the vacuum ultraviolet region of the spectrum	1980
19820074128	Synchrotron and undulatory radiation/emission of the electron accelerator the Lebedev Physics Institute of PAKhRA	1980
19820074129	Accelerator and medicine	1980
19820074130	Use of accelerators in the chemical research	1980
19820074131	Charged particle accelerators for the use in the industry and the medicine	1980
19820074132	Project of electronic accumulator to the energy 1 GES for obtaining the magnetic retardation radiation/emission	1980
19820074133	Last results on the effects of space charge in the proton synchrotrons	1980
19820074135	Survey of the development of works according to the collective methods of acceleration (based on materials of Symposium According to the Collective Methods)	1980
19820074136	The linatron as a multi-purpose electron acceleration	1980
19820074137	Some effects of space charge in the superconducting accelerators and accumulators/storage	1980
19820074138	Maximum intensities of the superconducting synchrotrons and accumulators/storage	1980
19820074139	Accelerator of the type dreyfotron	1980
19820074141	Unsteady process in the high-current accelerator of the type of linotron	1980
19820074143	The lateral instability of beam in single resonator section	1980
19820074144	Some questions of interaction of intense charged particle beams with the accelerating waveguides	1980
19820074145	Isofrequency periodic focusing structure with maximum stability region	1980
19820074146	Analysis of the methods of weakening the lateral instability of beam in linear electron accelerators	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820074147	Experiments in the creation of magnets with the changing magnetic field for the accelerator to the superhigh energy	1980
19820074148	Prospects for superconducting synchrotrons	1980
19820074149	Vacuum systems for superconducting storage rings	1980
19820074150	Optimization of the flow of conductor in the superconducting coil electromagnets	1980
19820074151	Residual fields in superconducting coil electromagnets	1980
19820074152	First operation of a superconducting proton accelerator	1980
19820074153	Shaping the radial-building up magnetic field of superconducting accelerator	1980
19820074154	Possibility of the cryogenic evacuation of a proton synchrotron	1980
19820074155	The ZGS superconducting stretcher ring	1980
19820074156	Irradiation effects in NbTi multicore superconductors	1980
19820074157	Development and investigation of pulsed superconducting solenoids	1980
19820074158	Project of the linear accelerator of a proton-meson factory	1980
19820074159	Circular accumulators/storage for grouping and equalization in the time of beam of particles, accelerated by high current linear accelerator-meson factory	1980
19820074160	Automatic measuring complex for the investigation of the accelerating cavities of meson-producing cyclotron	1980
19820074161	Steady change in the energy output of a linear resonance accelerator-meson factory	1980
19820074162	Injector complex of meson-producing cyclotron plan	1980
19820074163	Problem of the reliability of the system of HF-supply meson-producing cyclotron	1980
19820074164	Method of stabilization of the field distribution in an accelerating structure with drift tubes	1980
19820074166	Cyclic meson factories	1980
19820074167	TRIUMF, the meson factory in Vancouver, Canada	1980
19820074168	Beam extraction and the passage of entire resonances in a two-stage cyclotron to an energy of -3.7 GeV, a kaon factory	1980
19820074169	Status report on the SIN Meson Facility	1980
19820074170	Effect of space charge on the frequency of the axial of particle in the isochronal cyclotron	1980
19820074171	New installation with the clashing electron-positron beams of VEPP-2M of Novosibirsk Institute of Nuclear Physics	1980
19820074172	Control of the size of beam in the accumulator by readjustment of the focusing system	1980
19820074173	Beam current limitations in the ISR	1980
19820074174	Latest developments with colliding beams in CEA	1980
19820074175	Experiments with the closed proton beam in the ionized residual gas	1980
19820074176	Colliding beam experiments at Frascati	1980
19820074177	SPEAR - present status and improvement program	1980
19820074178	ISABELLA, a 200 GeV colliding beam system for protons	1980
19820074179	Measurement of beam polarization in the Orsay colliding beam ring A.C.O.	1980
19820074180	Obtaining and investigation of the quasi-continuous beam of gamma-quanta in system a LUE accumulator/storage	1980
19820074181	Collective instability of compensated clashing beams	1980
19820074182	Phase coupling effects of coming from the opposite direct clots in the strong-focusin accumulators/storage	1980
19820074183	Methods of measuring the parameters of beams in accumulator VEPP-3	1980
19820074184	Measurement of the magnetic characteristics of accumulator VEPP-3 with the aid of a beam	1980
19820074185	Longitudinal effects with the accumulation of electrons in the VEPP-3	1980
19820074186	Information on colliding beam experiments at DESY	1980
19820074207	Advanced weapons carriage and separation. Part 3: Aerodynamic preliminary analysis system theory	1980
19820074208	Advanced weapons carriage and separation. Part 4: Aerodynamic preliminary analysis system user's manual	1980
19820074273	Damage resistant runway concept study (U)	1980
19820074280	Aerodynamic configured missile development, volume 4. Phase 1, Experimental program	1980
19820074317	Fuel management system development for the integral rocket/ramjet demonstration program, volume 4 (U)	1980
19820074320	Thermal decomposition of solid aromatic nitro compounds	1980
19820074422	Dome antenna radar for the Army HELWS (U)	1980
19820074457	E-H band single bottle dual mode traveling-wave tubes, Volume 2 (U)	1980
19820074458	The life test of a DC circuit breaker of Tokamak device JT-60 for nuclear fusion research	1980
19820074459	Current sharing between two vacuum circuit breaker units a parallel operations for large direct current interruption	1980
19820074460	Compact gas-insulated transformer	1980
19820074508	Tactical Global Positioning System Guidance Development Program (U)	1980
19820074666	AV-8B reliability and maintainability equipment test plan, revision B	1980
19820074702	Advanced Turbine Engine Gas Generator (ATEGG) model 555-2. Volume 1: Part 1, government version (U)	1980
19820074704	High thru flow turbine development (U)	1980
19820074705	High thru flow turbine development (U)	1980
19820074706	Liquid Fuel Ramjet Engine Demonstrator (LFRED) program. Combustor/exit nozzle development (U)	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820074736	Prototype Qualification Test. Government (PQT-G) of Development Test 2 (DT-2) of PATRIOT Air Defense System, volume 5	1980
19820074745	Satellite Materials Hardening (SMATH) 4. Volume 4: Systems options (U)	1980
19820074793	Polymerization of epoxides and reactions of trifluoroamine oxide	1980
19820074815	RDX chemical grinding	1980
19820074860	ADEPT (Adaptive Electromagnetic Predictive Technique). Handbook	1980
19820074870	Mini-RPV-surveillance radar ground test and evaluation at West Point, New York (U)	1980
19820074872	Coverage and survivability of Ground-Based Surveillance Radars as a supplement to SOTAS (U)	1980
19820074873	SOTAS employment and Platform options (U)	1980
19820074904	Integrated circuits in military systems	1980
19820074929	Laser beam steering technique	1980
19820074930	Hellfire Semiactive Laser Seeker performance in battlefield obscurants (Smoke Week III) (U)	1980
19820074931	GBU-17/B flight demonstration (U)	1980
19820074965	Vulnerability and hardening of advanced solar cells (U)	1980
19820074972	O and M Management and administration	1980
19820075002	Second generation focal plane for common module retrofit (U)	1980
19820075006	Advanced signal processing unit for Automatic Acquisition Infrared Seeker (AAIRS) (U)	1980
19820075016	Magnetohydrodynamics	1980
19820075020	RADC accomplishments FY-80	1980
19820075087	Development of Surface Current Injection Technique (SCIT) as a portable High-Altitude Electromagnetic Pulse (HEMP) simulation method for aircraft, volume 1, executive summary	1980
19820075110	A flight simulator study of cockpit cut-off angle and failure of decision height lights in low visibility landings	1980
19820075118	Structural validation and fragility technology, volume 1	1980
19820075119	Structural validation and fragility technology, volume 2	1980
19820075122	Review of NAP best weapon model and supporting methodologies	1980
19820075129	A review and evaluation of ground test data on roughness induced nosetip transition	1980
19820075136	Fabrication and processing of special carbon composites	1980
19820075188	Transverse-electrical and transverse magnetic electromagnetic fields multilayered media	1980
19820075224	Airborne Dynamic Alignment System Fabrication Program	1980
19820075225	Airborne Dynamic Alignment System fabrication program. Addendums A through C.	1980
19820075235	The introduction of plastic-metal bearings	1980
19820075265	Anodic corrosion of lead alloys for use in large lead acid batteries. 11: Corrosion testing of lead alloys	1980
19820075270	New determination of the Cavendish gravitational constant	1980
19820075326	Design of discrete-time disturbance-accommodating controllers for the disturbance utilization mode	1980
19820075345	Simulation and diagnosis of photon response effects	1980
19820075384	Validation of Internal Bearing Stabilized Sighting Unit (IBSSU) linear, uncoupled model	1980
19820075432	Development of mainshaft high speed cylindrical roller bearings for gas turbine engines. Volume 1: Design manual	1980
19820075433	Development of mainshaft high speed cylindrical roller bearings for gas turbine engines. Volume 2: Experimental test program	1980
19820075434	Development of mainshaft high speed cylindrical roller bearings for gas turbine engines. Volume 3: Documentation of the analysis	1980
19820075435	Development of mainshaft high speed cylindrical roller bearings for gas turbine engines. Volume 4: TRIBO-1 user's manual	1980
19820075546	An efficient hydrogen iodide generator suitable for use in chemical lasers	1980
19820075547	Penetration and ricochet study of subscale high velocity kinetic energy penetrator nose shapes	1980
19820075657	Pioneer Venus data analyses	1980
19820075658	Pioneer Venus data analyses	1980
19820075659	Pioneer Venus data analyses	1980
19820075703	Analysis and evaluation of advanced aircraft. Volume 1: Executive summary (U)	1980
19820075704	Analysis and evaluation of advanced aircraft. Volume 2: Technical report (U)	1980
19820075750	Target tracking algorithms for advanced guidance laws	1980
19820075797	The Thiokol IR and D TU-877/01 (63 inch) advanced space motor components demonstration motor (U)	1980
19820075815	Influence of temperature variables on the adhesion of integral fuel tank sealants	1980
19820075860	PHASARY Computer model of a phased array antenna	1980
19820075861	The 54.5 GHz Omni radio system	1980
19820075884	Millimeter wave Contrast Guidance Demonstration (MCGD): Rockwell (U)	1980
19820075912	Transferred-electron photocathode	1980
19820075913	Magnetic surface wave device technology	1980
19820075926	Calibration of a Leigh MK 10-3B ice detector unit	1980
19820075954	Influence of assumed crack growth pattern on damage-tolerance life prediction for corner-cracks at holes	1980
19820076116	Some examples of the use of the RAE transonic small-perturbation method for calculating flow past configurations consisting of a wing-fuselage, upon which a variety of interfering bodies may be mounted	1980
19820076124	Evaluation of E-2C AN/ARN-118 TACAN installation	1980
19820076156	F-14A ACLS/DLC development	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820076172	Test and evaluation of modified wiring harness for E-2C prop junction box	1980
19820076173	Liquid Fuel Ramjet Engine Demonstrator (LFRED) program. Air induction system development (U)	1980
19820076178	Flight fidelity evaluation of the S-3A weapons system trainer (device 2F92) with the vital 3-600 visual simulation system (device 2B34A)	1980
19820076209	False target detection via a modified gradient method for use in laser homing missiles (U)	1980
19820076213	COMBAT SAGE FY80 statistical report (U)	1980
19820076215	Aerodynamic configured missile development. Volume 2: Configuration development. Appendix C: Low radar signature concepts (U)	1980
19820076249	ASALM ramburner development, volume 3 (U)	1980
19820076264	Dynamic fracture models for impact damage in ductile metals	1980
19820076313	Electrical inspection of TACAMO improvement program. Phase 2 (TIP 2) production aircraft	1980
19820076314	TACAMO reliability and maintainability assessment program, operational (TRAMPCO) 500 hour report	1980
19820076317	EMP protection assurance, surveillance and maintenance program guidelines	1980
19820076353	The influence of load ratio and test-piece orientation on fatigue crack propagation thresholds in Ti-6Al-4V rolled bar	1980
19820076395	Visual detection model for structured targets (pervale program)	1980
19820076513	NAS Cecil Field ACLS certification/radar blockage tests	1980
19820076523	Evaluation of FASTOP-3 design and analysis options	1980
19820076550	LAMPS MK 3 Hard-landing aids development	1980
19820076594	Inlet development for the Air Force Advanced Strategic Air-Launched Missile integral rocket/ramjet demonstration program: Fourth entry test results, volume 2 (U)	1980
19820076751	Krypton Evaluation Technique (KET) reference radiographs	1980
19820076756	Fatigue testing of grit blasted aluminum alloys	1980
19820076811	Engineering practices and devices for EMP hardening of communications facilities	1980
19820076815	Joint Test Plan for the Digital Group Multiplex (DGM) assemblages and field exposed components. Initial operational test and evaluation. JTP for DGM assemblages and field exposed components IOT and E	1980
19820076823	Information processing techniques program. Volume 2: Acoustoelectric devices	1980
19820076870	Blast wave loading of a 1/15th scale model house	1980
19820076883	GOPWR: A computer program to calculate the performance of CW chemical lasers	1980
19820077094	Scientific and technical forecasting: Its information input	1980
19820077095	Forecasting - important link of the system of Socialist planning and control	1980
19820077096	Essence, functions, methods of scientific and technical forecasting	1980
19820077097	Information input of scientific and technical forecasting	1980
19820077123	A theoretical investigation of helicopter agility	1980
19820077127	Detailed test plan. A-7E system level EMP test	1980
19820077154	Assessment of a linear hydraulic energy absorber/barrier net combination for airfield arresting	1980
19820077155	Models available for user tests at AEDC/VKF	1980
19820077160	Summary report of testing Silikal R7/Bw for scab repair	1980
19820077165	Air-to-surface guided weapon accuracy. Volume 1: Laser guided bomb data base	1980
19820077200	Performance Technology Program (PTP-S 2), vol.11. Alternate configuration investigations for ballistic reentry vehicles	1980
19820077204	Liner technology program amendment	1980
19820077205	Low cost arm-fire device demonstration program	1980
19820077240	Titanium metal matrix composite shafts	1980
19820077260	European command analysts' intelligence display and exploitation system (EUCOMIDES). Volume 1: Executive summary	1980
19820077261	Tactical intelligence information functional flow analysis (Functions/Flows), volume 3	1980
19820077272	Verification and validation of Electronically Agile Radar (EAR) software	1980
19820077388	A design study for two-stage, two-phase turbines	1980
19820077390	Mechanical properties, microstructure and fractography of forged AF 1410 steel bar	1980
19820077510	Investigation of advanced technologies of a linear array IR seeker (U)	1980
19820077516	E-O/MMW targeting sensor study (U)	1980
19820077582	Advanced weapons carriage and separation. Part 1: Summary (U)	1980
19820077583	Advanced weapons carriage and separation. Part 2: Experimental data (U)	1980
19820077628	Joint Technology Demonstrator Engine (JTDE) (U)	1980
19820077635	Aircraft flight control survivability through use of computational techniques. Volume 1: A designer's summary	1980
19820077636	Aircraft flight control survivability through use of computational techniques. Volume 2: Detailed survivability analysis and reconfigured performance	1980
19820077637	Aircraft flight control survivability through use of computational techniques. Volume 3: Current fighter flight control systems	1980
19820077655	Aerodynamics and control of a 5 inch/54 launched missile	1980
19820077656	Air-to-surface guided weapon accuracy. Volume 2: Maverick missile computer data base	1980
19820077748	Stacked and interlaced quadrifilar helices mounted coaxially and linearly with a los/iff dipole for satellite communications	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820077749	Quadrifilar helix antenna design for satellite communication using the numerical electromagnetic code	1980
19820077803	Electrophotographic imaging materials evaluation	1980
19820077806	Operational Test 1 (OT 1), low capacity X-ray film processors: Xonics portable darkroom wet processor (8-79); Bowie dry processor (9-79)	1980
19820077813	Foam as a laser absorber and infrared shield	1980
19820077944	A description of a microprocessor based system and the technique used to provide synthetic height calls during approach and landings in low visibility	1980
19820077973	ID/Fire control integration concept (U)	1980
19820077987	Altitude performance testing of the CF6-50 turbofan engine (E and E2 configurations)	1980
19820077993	Math model for NADC spin simulator and F-14 high angle of attack data, volume 2 (U)	1980
19820077995	Presto digital computer code user's guide. Volume 5: Interface and display codes. Part 1: (PRIDE, DRIFTER, CAPSULE), revision A	1980
19820078004	Gun projectile/missile component vulnerability study. Volume 3: Missile airframe and flight control surface vulnerability to 20-MM, 25-MM high explosive incendiary projectiles (U)	1980
19820078005	AIM-9 P first article approval flight test (U)	1980
19820078027	Advanced tactical rocket study. Volume 1: Executive summary (U)	1980
19820078028	Advanced tactical rocket study. Volume 2: Technical discussion (U)	1980
19820078116	Pulsed chemical lasers for Army high energy laser applications: A technology assessment (U)	1980
19820078135	Elastomeric diaphragms	1980
19820078136	Vibration testing to determine the reusability of two Tuflok fastener locking systems, addendum 1	1980
19820078189	Atmospheric conditions at the High Energy Laser System Test Facility (HELSTF) White Sands Missile Range (WSMR), New Mexico, 16 to 18 October 1979	1980
19820078212	Tactical Target Identification (TTI) system feasibility study	1980
19820078223	Spectral signatures of military targets	1980
19820078271	Analysis of flight test vibration data from Bell Helicopter Textron OH-58C Helicopter with a dummy mast-mounted sight	1980
19820078305	A new diffuser concept for high Mach number and Reynolds number operation	1980
19820078392	Advanced composites in-process controls/inspection	1980
19820078433	Exudation of cast explosives. Second Report: Reproducibility of the US exudation test	1980
19820078558	Integrated blade inspection system	1980
19820078706	Phase 1 Qualification Test. Mission simulation tests of the F107-WR-101, -102, and -400 turbofan engines	1980
19820078851	Lasercom study commonality. Volume 2: Appendices	1980
19820078927	Evaluation of the measuring properties of aerial cameras	1980
19820079128	Six-component aerodynamic data on several blunt-nosed demonstration test vehicle configurations at low-subsonic speeds	1980
19820079164	HAZPLOT survey and HAZPLOT analysis code documentation and user's guide	1980
19820079215	Low-temperature (704 C) burner-rig evaluations of precious metal aluminide coatings	1980
19820079295	A survey of automatic detection and plot extraction techniques for surveillance radars	1980
19820079505	Advanced carbon-carbon exit cone concepts, part I	1980
19820079514	Rocket plume IR signature modeling, addendum (U)	1980
19820079515	Advanced composites in-process controls/inspection	1980
19820079516	Advanced composites in-process controls/inspection	1980
19820079517	Composite skin stabilization	1980
19820079700	ADCOM verification and validation, volume 1	1980
19820079771	Analysis of ejection seat stability using easy program, volume 2	1980
19820079778	Advanced helicopter rotor systems first Navy evaluation of the XV-15 tilt rotor research aircraft	1980
19820079850	A review of the capabilities of the proposed shuttle payloads for monitoring urban expansion	1980
19820079936	Source region electromagnetic coupling	1980
19820079943	Frequency spreading in a laser radar due to target surface vibrations	1980
19820079945	Communication network technology	1980
19820079973	Evaluation of semi-empirical methods for predicting linear static and rotary hydrodynamic coefficients	1980
19820079984	Application of laser gyro technology to Naval Air Weapon Systems	1980
19820079985	Dielectric film/electron beam recorder system	1980
19820079993	Further development of EPIC-3 for anisotropy, sliding surfaces, plotting and material models	1980
19820080048	Change detection method development census urban application pilot test	1980
19820080084	Sound levels in TARTAR GMFCS Mk 74 equipment rooms on DDG ships	1980
19820080106	Research Department energetics scientific report (1980)	1980
19820080120	Aerodynamic analysis of aircraft fires: A feasibility study of small scale modelling	1980
19820080139	Forward swept wing study (U)	1980
19820080150	ASALM Ramburner development, volume 3 (U)	1980
19820080188	Millimeter Wave Contrast Guidance Demonstration (MCGD), Boeing (U)	1980
19820080200	Study of particle radiation and shielding for the high-resolution spectrograph aboard the space telescope, phase 2	1980
19820080201	Onboard image correction system computer simulation	1980
19820080202	Onboard image correction system computer simulation. User manual	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19820080203	Onboard image correction system computer simulation. Software flowcharts	1980
19820080226	Low-cost ion implantation system. Volume 1: The manufacturing-technology program	1980
19820080320	Third generation 25 mm 0.9 micrometers photocathodes (U)	1980
19820080402	Survival support device: Recockable valve performance test and moisture effects evaluation	1980
19820080410	Image processing techniques using spline approximation	1980
19820080412	Tactical Target Identification (TTI) system feasibility study, volume 3	1980
19820080533	Task 1 interim report of advanced large scale combustor program	1980
19820080575	Elastomeric diaphragms	1980
19820080576	Elastomeric diaphragms	1980
19820080618	Radar beacon data link development program	1980
19820080721	Simulation plan for an evaluation of operator performance in radar strike missions. Volume 1: Simulation plan	1980
19820080722	Simulation plan for an evaluation of operator performance in radar strike missions. Volume 3: Survey of vibration and acceleration effects literature	1980
19820080797	Variable geometry inlet technology (U)	1980
19820080814	Data base for the IHAK/LASHE COMO 3 simulation (U)	1980
19820080847	Synthesis of polynitrobenzenes and their properties	1980
19820080896	Millimeter radar systems for detecting target vibrations (U)	1980
19820080956	Eddy current surface inspection of disks	1980
19820080962	Gravity and vertical gravity gradient measurements at Chalk River	1980
19820080964	Distribution of near-vertical surface fractures in the Dashwa Pluton, Atikokan, Ontario	1980
19820080965	Acoustic propagation in the vicinity of fractures which intersect a fluid-filled borehole	1980
19820080969	TDRSS/RFI communications analysis modeling and simulation study, phase 1	1980
19820080979	Irradiated-fuel vault: Far-field thermal-rock mechanics analyses; supplementary study	1980
19820080980	Room stability in a nuclear-waste repository	1980
19820080981	Irradiated-fuel and immobilized-waste vaults: Design criteria and synthesis of thermal-rock mechanics analyses	1980
19820080982	Derived release limits and decontamination factors for fuel and waste immobilization facilities	1980
19820080983	Maximum total uranium solubility under conditions expected in a nuclear waste vault	1980
19820080984	Irradiated-fuel vault: Room-and-pillar thermal-rock mechanics analyses	1980
19820080985	Contaminant transport in fractured porous media: An analytical solution for a single fracture	1980
19820081037	Aircraft armament interoperable interface requirement analysis	1980
19820081049	Modular life cycle cost model for advanced aircraft systems, phase 3. Volume 5: Operations and support phase expansion	1980
19820081050	Evaluation of low insertion force connectors for avionic use	1980
19820081067	Range planning hazard analysis methodology	1980
19820081102	Radiation response modeling of ASPC Kevlar-epoxy motorcase material	1980
19820081143	Further studies of the fire environment of a solid rocket propellant burning in air	1980
19820081151	Airblast penetration into semihardened structures	1980
19820081336	AV-8B aircraft stability, control and flying qualities	1980
19820081338	A brief note of NAL two-dimensional transonic wind tunnel	1980
19820081454	Primary bus signal distribution investigation	1980
19820081471	Stability evaluation of IR diode lasers	1980
19820081487	Feasibility of nondestructive inspection of the closure seal of a titanium-clad steel waste-fuel container	1980
19820081492	Investigations into the geochemistry of groundwater in precambrian crystalline rocks	1980
19820081498	Summary of progress reports from the solar contacts in the Southern region	1980
19820081499	Summary of progress reports from the state solar contacts in the Southern region	1980
19820081510	Hydrogeochemical studies in the Hydrogeologic Research Program 1978/79	1980
19820081567	Environmental assessment for nuclear-fuel-waste disposal: The Canadian Program	1980
19820081568	Studies of engineering geologic environments for radioactive-waste storage	1980
19820081646	NAVTO LAND candidate airborne test bed selection analysis	1980
19820081833	Spectral reflectance characteristics of agricultural crops and application to crop growth monitoring	1980
19830004596	Earth Observations Division version of the Laboratory for Applications of Remote Sensing System (EOD-LARSYS) user guide for the IBM 370/148. Volume 1: System overview	1980
19830005692	Activities of the Tandem Accelerator Center	1980
19830005693	Isotope effect in monolayer, localised, immobilised adsorption with special reference to neon adsorption on porous glass at cryogenic temperatures	1980
19830005929	Spectrographic analysis of thorium and its compounds	1980
19830005994	Recent developments in the ultrasonic testing of austenitic steel welds	1980
19830005995	Research and development work of the Bhaba Atomic Research Centre	1980
19830006195	New type of position sensitive photomultiplier	1980
19830006768	Pion form factor beyond the leader order of perturbative QCD	1980
19830006779	Reproducibility of the results in ultrasonic testing	1980
19830006791	L-shell ionization by relativistic electrons	1980
19830006793	Inclusive production of anti hyperons and hyperons in K+ p interactions at 32 GeV/c	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830006794	Monte Carlo simulation of distributions of recoiling protons in high energy hadron-nucleus reactions	1980
19830006795	Interpretation of enhancements in the antiproton-neutron from antiproton-deuteron annihilations	1980
19830006796	Hadronic transitions for heavy quarkonia in the O-meson model	1980
19830006798	Topological supersymmetric structure of hadron cross sections	1980
19830006800	Equivalence of quadrupole phonon model and interacting boson model	1980
19830006807	Low energy neutron scattering from ¹² C and nuclear spectroscopy	1980
19830006808	Intermediate giant resonance excitation effects in direct reaction (p,2p) correlations	1980
19830006810	Variety of information inherent in nuclear (p,2p) reaction analyses	1980
19830006811	Possible mechanism in heavy ion induced reactions: Fast fission process	1980
19830006813	The (C tilde S)sub(R) current in six-quark scheme	1980
19830006814	Apriori and unitary bounds on characteristics of the multiple production processes	1980
19830006815	Fast pion production in exclusive neutrino processes	1980
19830006816	Charmed particle hadronic production	1980
19830006817	A study of the semileptonic decays of neutral kaons	1980
19830006818	Tensor polarization of the forward deuterons in the (p, pd) and (p, pi d) reactions	1980
19830006819	Anomalous dimension quark counting at large transferred moments in QCD	1980
19830006820	Parity-violation effects in nucleon-antinucleon interactions at low energies	1980
19830006821	Derivation of the parity-violating internucleon potential	1980
19830006822	Majorana and Dirac masses, neutrino oscillations and the number of charged leptons	1980
19830006825	A fast filter processor as a part of the trigger logic in an elastic scattering experiment	1980
19830006827	Neutral mesons with heavy quarks and mixing angles in six-quarks model	1980
19830006828	Production of charged hadrons with large transverse moments in pp collisions at 70 GeV	1980
19830006835	Energy loss spectra in planar channeling	1980
19830006836	Investigation of the reflection of low energy electrons from the surfaces of layered transition metal dichalcogenides	1980
19830006844	Risks, regulation responsibilities and costs in nuclear waste management: A preliminary survey in the European Community	1980
19830006891	Quantum chromodynamics as dynamics of loops	1980
19830006902	International cooperative information systems	1980
19830006976	Skyshine spectra of gamma rays	1980
19830007133	Non-destructive investigations of burnup from spent TRIGA-fuel elements by gamma spectroscopy	1980
19830007151	Tritium in austenitic stainless steel vessels. The integrity of the vessel	1980
19830007908	Bound state problem and quark confinement	1980
19830007909	Parameterization of parton decay functions	1980
19830007911	Evidence for a narrow baryon at 1.95 GeV/c ²	1980
19830007912	Study of pion production in 4.5 GeV/c per nucleon ⁴ He interactions with nuclear targets, SKM-200 collaboration	1980
19830022515	Limitations on Random Input Forces in Randomdec Computation for Modal Identification	1980
19830022517	Analysis and Design of the Shuttle Remote Manipulator System Mechanical Arm for Launch Dynamic Environment	1980
19830023876	Satellite Data Distribution System (SDDS). The development and demonstration of new fisheries support products based on remote ocean sensing from satellites	1980
19830069030	Efficient burner characterization by acoustic measurements, 2	1980
19830069161	Thermoelectric generator testing and TRG degradation mechanisms evaluation	1980
19830069162	Parabolic-dish concentrator designs and concepts	1980
19830069663	Curved flow wind tunnel test of F-18 aircraft	1980
19830070130	Characteristics of middle and upper tropospheric clouds as deduced from Rawinsonde data	1980
19830070158	Pattern A, achievement-striving and scientific merit: Does pattern A help or hinder?	1980
19830070159	Performance measurement for simulator evaluation	1980
19830070290	The analysis of some flight control simulator characteristics using a closed-loop pilot vehicle model	1980
19830070291	A multi-cue OCM for analysis of simulator configurations	1980
19830070362	Advanced DC motor controller for battery powered electric vehicles. Task 5: Engineering model design, performance predictions and life cycle cost analysis	1980
19830070500	Third Annual Report of the High Energy Benthic Boundary Layer Experiment	1980
19830070508	Preliminary assessment of federal need for current and future ocean technology	1980
19830070670	Advanced Gas Turbine (AGT) powertrain system development	1980
19830070671	Advanced Gas Turbine (AGT) powertrain system development program	1980
19830070833	A compilation of reports on terrestrial energy conversion and advanced ground propulsion	1980
19830070865	Nitric oxide measurement study. Volume 2: Probe methods	1980
19830070866	Nitric oxide measurement study. Volume 3: Comparison of optical and probe methods	1980
19830071120	Evaluation of ceramics for stator applications. Gas turbine engines: Reliability analysis and material property characterization	1980
19830071127	A Study of Pyrostatic Composites	1980
19830071260	The effect of gravity and weightlessness on the development and regeneration of the giant coenocyte Caulerpa	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830071476	An overview of the NASA communications research and development program	1980
19830071497	Report on the Oceanic Lidar Workshop	1980
19830071519	NASA microwave remote sensing status	1980
19830071538	DOE/JPL advanced thermionic technology program	1980
19830071608	OSTA technology requirements, study phase 1	1980
19830071653	Integration and evaluation of applications data service documentation, full review, volume 1	1980
19830071654	Integration and evaluation of applications data service documentation, appendices, volume 2	1980
19830071656	Development and evaluation of a software-implemented fault-tolerance (SIFT) computer: SIFT operating system	1980
19830071661	NASA's 30/20 gigaHertz program description	1980
19830071810	Technology transfer division management information system implementation plan	1980
19830071811	Technology transfer division management information system concept description document	1980
19830071812	Study of space applications user requirements priorities/information needs assessments	1980
19830071813	OSTA Data Systems Planning Workshop	1980
19830071814	Applications data service preliminary requirements and concept study	1980
19830071815	OSTA technology requirements and the needs program. Study phase 3: Technology survey and assessment	1980
19830071843	Evaluation of the augmentor-wing Jet STOL aircraft	1980
19830071852	Support implementation plan	1980
19830071854	The STDN station readiness test for the Space Shuttle Orbital Flight Test (OFT)	1980
19830072247	Pilot eye scanning behavior as an index of mental loading	1980
19830072658	Modeling of tectonophysical distortion from measurements of long-baseline geodetic data and other geophysical parameters	1980
19830073191	Preparation for the parade on spacecraft at superior conjunction	1980
19830073536	advanced manufacturing development of a composite empennage component for L-1011 aircraft. Final design review	1980
19830073545	Workshop on Apollo 16	1980
19830073749	Workshop on Applications of Luminescence Techniques to Earth Resource Studies	1980
19830073754	The NCSL National Resource Information Systems Project	1980
19830073876	Remote measurements of ozone burdens in the LA Basin on September 20 and 24 using the JPL Airborne Laser Absorption Spectrometer	1980
19830073939	Measurement of human operator response behavior	1980
19830074011	Performance of room temperature mercuric iodide (HgI ₂) detectors in the ultra low energy X-ray region	1980
19830074458	Tecnical report submitted to Lunar and Planetary Institute upon completion of visiting fellowship	1980
19830074560	Astrophysics project concepts	1980
19830074561	Astrophysics program. Project concepts: Astronomy explorers	1980
19830074562	Astrophysics near-term program. Project concept summary: Extreme Ultraviolet Explorer (EUVE)	1980
19830074563	Astrophysics program. Project concepts: Astrophysics explorers	1980
19830074564	Astrophysics long-term program. Project concept summary: Large Area Modular Array of Reflectors (LAMAR)	1980
19830074565	Astrophysics program. Project concepts: Relativistic gravitation experiments	1980
19830074566	Astrophysics near-term program. Projcet concept summary: Gravity Probe-B (GP-B)	1980
19830074567	Astrophysics program. Project concepts: Gravitational radiation searches and gravitational wave astronomy	1980
19830074568	Astrophysics long-term program. Project concept summary: Orbiting Very Long Baseline Interferometry (VLBI) observatory	1980
19830074569	Astrophysics near-term program. Project concept summary: Cosmic background explorer (COBE)	1980
19830074570	Astrophysics long-term program. Project concept summary: Orbiting infrared/submillimeter telescope	1980
19830074571	Astrophysics long-term program. Project concept summary: Large ambient deployable infrared telescope	1980
19830074572	Astrophysics long-term program. Project concept summary: Infrared interferometer in space	1980
19830074573	Astrophysics near-term program. Project concept summary: Shuttle Infrared Telescope Facility	1980
19830074574	Astrophysics long-term program. Project concept summary: Cosmic	1980
19830074575	Astrophysics long-term program. Project concept summary: The 100-m Thinned Aperture Telescope (TAT)	1980
19830074576	Astrophysics long-term program. Project concept summary: Very Large Space Telescope (VLST)	1980
19830074577	Astrophysics near-term program. Project concept summary: STARLAB	1980
19830074578	Astrophysics long-term program. Project concept summary: X-Ray Observatory (XRO)	1980
19830074579	Astrophysics near-term program. Project concept summary: X-ray Timing Explorer (XTE)	1980
19830074580	Astrophysics near-term program. Project concept summary: Advanced X-ray Astrophysics Facility (AXAF)	1980
19830074581	Astrophysics program. Project concepts: New technology requirements	1980
19830074582	Astrophysics program. Project concept executive summary: A road map to the twenty-first century	1980
19830074583	Astrophysics near-term program. Project concept summary: Cosmic Ray Observatory (CRO)	1980
19830075595	Quantum-mechanical noise in an interferometer	1980
19830075627	SMM/SAS report	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830075628	Study of multi-KW solar arrays for Earth orbit applications	1980
19830075707	The early evolution of the mantle	1980
19830075741	A study of Musa reliability model	1980
19830075757	Trailing edge noise from hovering rotors	1980
19830075820	Apollo 16: A trace element perspective	1980
19830075907	Back-scatter study of the Langley missile configuration	1980
19830075908	High frequency scattering by absorber coated structures	1980
19830075913	The robust sampled data servomechanism problem	1980
19830076049	Three-dimensional spontaneous rupture propagation and implications for the earthquake source mechanism	1980
19830076175	The composition of the Martian dark regions. 1. Visible and near-infrared spectral reflectance of analog materials and interpretation of telescopically observed spectral shape	1980
19830076176	The composition of the Martian dark regions. 2: Analysis of telescopically observed absorptions in near-infrared spectrophotometry	1980
19830076281	Regional thermal-inertia mapping from an experimental satellite	1980
19830076397	ACPL monodisperse cloud experiment	1980
19830076398	ACPL monodisperse cloud experiment	1980
19830076399	ACPL monodisperse cloud experiment	1980
19830076759	The 30/20 GHz communication system. Task 2, section 5: Cost, schedule risk impacts	1980
19830077034	The 30/20 GHz communication system. Task 2/3 report: Multiple concept development and concept recommendation	1980
19830077145	Handbook for UCSD SC9 SCATHA auroral particles experiment	1980
19830077868	Problems of space production	1980
19830078250	Static stability and control effectiveness test of a 0.65-scale AD/Boeing WASP missile at Mach numbers from 0.4 to 1.2	1980
19830078256	The aerodynamic characteristics and store loads of a 0.06-scale F-18 aircraft model configured with the Raytheon AMRAAM missile	1980
19830078259	Aerodynamic loads on the F-14 aircraft and on the Raytheon AMRAAM in the carriage position	1980
19830078264	Wind tunnel test of a 0.33-scale model of the Hughes AMRAAM missile	1980
19830078268	The aerodynamic characteristics and store loads of the 1/20-scale F-16 aircraft model configured with Boeing WASP dispenser pod models	1980
19830078299	Static stability and control effectiveness test of a 0.65-scale AD/Boeing WASP missile at Mach numbers from 0.4 to 1.2	1980
19830078300	A wind tunnel test to determine separation characteristics of the Hughes AMRAAM from the F-14 aircraft	1980
19830078303	Static stability and control effectiveness test of an 0.60-scale AD/Hughes WASP missile at Mach numbers from 0.4 to 1.6	1980
19830078592	Rapid runway repair threat analysis computer data (U)	1980
19830078610	Satellite materials hardening (Smath) 4. Volume 2: Concept development. Part 1: Optical payloads (U)	1980
19830078676	Millimeter wave signature measurements in a snow covered background (U)	1980
19830078854	Drag and stability characteristics of hypersonic spin stabilized projectiles	1980
19830078870	Advanced Aerial Gunnery Model (AAGM). Volume 1: Analyst manual	1980
19830078872	Advanced Aerial Gunnery Model (AAGM). Volume 2: User manual	1980
19830078899	Joint Technology Demonstrator Engine (JTDE), volume 2	1980
19830079087	Millimeter-wave helix technology study	1980
19830079148	Power spectrum estimates for geoid height and vertical deflection errors derived from satellite altimetry	1980
19830079184	ICAM Manufacturing Cost/Design Guide (MC/DG) computerization, volume 2	1980
19830079185	ICAM Manufacturing Cost/Design Guide (MC/DG) computerization, volume 3	1980
19830079186	ICAM Manufacturing Cost/Design Guide (MC/DG) computerization, volume 4	1980
19830079194	Integrated Computer-Aided Manufacturing (ICAM) Integrated Center (ICENT) Manufacturing Control-Materials Management (MCMM) system, volume 1	1980
19830079203	ICAM Group Technology Characterization Code (GTCC), volume 5	1980
19830079204	ICAM Group Technology Characterization code (GTCC), volume 6, part 1	1980
19830079205	ICAM Group Technology Characterization Code (GTCC), volume 6, part 2	1980
19830079207	ICAM Group Technology Characterization Code (GTCC), volume 8	1980
19830079212	ICAM sheet metal center concept design, volume 6	1980
19830079213	ICAM sheet metal center concept design, volume 5	1980
19830079214	ICAM sheet metal center concept design, volume 4	1980
19830079225	Material flow characteristics in aerospace production, volume 6	1980
19830079226	Material flow characteristics in aerospace production, volume 7	1980
19830079297	Simulation of rocket plume interference on the aerodynamics of the X-24B at transonic speeds	1980
19830079322	Forward swept wing demonstrator technology integration and evaluation study. Volume 3: Sections 6, 7, 8, 9, 10, 11	1980
19830079323	Forward swept wing demonstrator technology integration and evaluation study. Volume 1: Sections 1, 2, 4 and 5	1980
19830079325	Model TA-4J SLEP study report. Volume 1: Summary, primary structure	1980
19830079398	Evaluation of a hardner for liquid asphalts	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830079408	An investigation of the combustion behavior of solid fuel ramjets	1980
19830079509	Ozone transport in the lower stratosphere and ozone-NO2 relationship	1980
19830079515	Further analysis of the eye fixation experiment (ST.23810)	1980
19830079516	Eye fixation distributions of observers searching complex scenes	1980
19830079530	ICAM: Establish and demonstrate an Integrated Planning System (IPS), volume 1	1980
19830079533	ICAM manufacturing cost/design guide (MC/DG) data and MC/DG section development, volume 4	1980
19830079534	ICAM Manufacturing Cost/Design Guide (MC/DG) data and MC/DG section development, volume 3	1980
19830079541	Floating point and math package, LSI-FPP	1980
19830079553	ICAM General Utilities System (GUS), volume 2	1980
19830079554	ICAM General Utilities System (GUS), volume 3	1980
19830079555	ICAM General Utilities Space (GUS), volume 4, part 1	1980
19830079556	ICAM General Utilities System (GUS), volume 4, part 2	1980
19830079557	ICAM General Utilities System (GUS), volume 5	1980
19830079567	ICAM Integrated Manufacturing Control - Materials Management (IMC-MM) systems definition, volume 5	1980
19830079568	ICAM Integrated Manufacturing Control - Materials Management (IMC-MM) systems definition, volume 6	1980
19830079606	A-7E detailed test plan requirements	1980
19830079691	The 18MM PIP power supply	1980
19830079719	The penetration of a solid striker into a deformable barrier, part 1	1980
19830079788	Model of the outer layers of a Tokamak plasma	1980
19830079796	Naval Weapons Center command and technical history, 1979	1980
19830079807	Hydrogenating gasification of coal	1980
19830079854	Production application of weldbonding to the A-10 weapon system	1980
19830079855	Production application of weldbonding to A-10	1980
19830079861	District heating for single-family houses	1980
19830079879	The Imagination Gap	1980
19830079902	Electro-optical guided weapons CM/CCM joint test and evaluation program synopsis, OTD pamphlet 1-80	1980
19830079924	Electromagnetic waves in relativistic plasma found in a strong magnetic field	1980
19830079934	Technology demonstration of All-Weather Tactical Strike System (AWTSS). Volume 8: Appendix F. Radar display group	1980
19830079946	Manufacturing method for high-voltage NPN transistors	1980
19830080004	TASVAL data management post-trial processing. Volume 1: TASVAL post-trial processing	1980
19830080005	TASVAL data management post-trial processing. Volume 2, appendix A: Trial data tape interface specification	1980
19830080006	TASVAL data management post-trial processing. Volume 3, appendix B: TASVAL software	1980
19830080007	TASVAL data management post-trial processing. Volume 4, appendix B: TASVAL software	1980
19830080008	TASVAL data management post-trial processing. Volume 5, appendix B: TASVAL software	1980
19830080009	TASVAL data management post-trial processing. Volume 6, appendix B: TASVAL software	1980
19830080010	TASVAL data management post-trial processing. Volume 7, appendix B: TASVAL software	1980
19830080011	TASVAL data management post-trial processing. Volume 8, appendix C: Trial processing guide	1980
19830080020	General test plan for A-73 system level EMP test, volume 2 - appendices	1980
19830080022	FAANTAEL commonality requirements reports	1980
19830080023	Safety test plan for A-7E system level EMP test	1980
19830080025	Technology demonstration of All-Weather Tactical Strike System (AWTSS). Volume X, Appendix G-2: Computer program development specification	1980
19830080079	Aries rocket motor infrared and ultraviolet spent stage emission	1980
19830080102	Fabrication and delivery of gas jet nose tips	1980
19830080178	Technology demonstration of All-Weather Tactical Strike System (AWTSS). Volume 11: Appendix G-3. Strapdown error equations	1980
19830080179	Technology demonstration of All-Weather Tactical Strike System (AWTSS). Volume 7, appendix E: 1756H traveling wave tube	1980
19830080186	Data Link Vulnerability (DVVAL) Joint Test and Evaluation (JT and E) program plan (joint test design)	1980
19830080258	Unified Chemical and Biological Soil Analyzer (UCBSA): Post-Viking development	1980
19830080312	Low power dissipation micro-signal processor for high resolution spectral analysis	1980
19830080390	Flight propulsion control coupling for thrust vectoring fighter aircraft, volume 3, phase 2	1980
19830080493	EMP assessment of the frequency channel indicator ID-1961/ARC-164(V)	1980
19830080494	The determination of EMP failure thresholds	1980
19830080588	A methodology for ranking cities for a solar-buildings program	1980
19830080592	Summary of progress reports from the state solar contacts in the southern region	1980
19830080601	Texas solar industrial process heat project	1980
19830080641	Immobilized-waste vault: Design concepts and layouts	1980
19830080747	Forward swept wing demonstrator technology integration and evaluation study. Volume 2: Section 3 and selected data of section 5 (U)	1980
19830081157	Laser hardened optics study (U)	1980
19830081202	A-6E/TRAM program	1980
19830081318	EMP coupling to the cable harnesses of the A-7E aircraft	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19830081350	Government microcircuit Applications Conference, 1980: Digest of papers, volume 8, first edition	1980
19830081912	controlled Large Aperture Wavefront System (CLAWS) (U)	1980
19830082010	Synthetic oil	1980
19830082096	Improvement in the fatigue performance of pin-loaded lugs	1980
19830082202	Immobilized-waste vault: Container near-field thermal-rock mechanics analyses	1980
19830082203	Immobilized-waste vault: Far-field thermal-rock mechanics analyses	1980
19830082235	AASC study no. 9: Advanced technology to counter the low altitude threat other than aircraft mounted radar, technical reports on proposed defense systems, volume 3 (U)	1980
19830082236	Communications devices supporting air warfare with reduced susceptibility to jamming, intercept, and location determination, main report and appendices, volume 2 (U)	1980
19830082237	Technical evaluation report on the flight mechanics panel symposium on missile system flight mechanics (U)	1980
19830082238	The impact of global positioning system on guidance and controls systems design of military aircraft, specific study no. 3: Interdiction strike, volume 2C (U)	1980
19830082239	Air traffic management: Civil/military systems and technologies (U)	1980
19830082240	Image and sensor data processing for target acquisition and recognition (U)	1980
19830082241	Guidance and control aspects of tactical air launched missiles (U)	1980
19830082315	Preliminary computer code for investigating flutter and divergence analysis of swept lifting surfaces with multiple damage site locations	1980
19830082479	Initial illumination detection and imaging, methodology investigation	1980
19830082487	Evaluation of electrical initiation methods for pulsed DF chemical lasers	1980
19830082511	An evaluation of the operational reliability of an air aspirator	1980
19830082512	Man/machine interface: A growing crisis	1980
19830082821	Laser Propulsion Support Program: An assessment of available high energy laser technologies for NASA propulsion and power beaming applications	1980
19830083009	Summary of Proceedings of a Workshop on State Solar Legislation: A State Solar Support Project Meeting	1980
19830083010	Residential electricity rates for the United States for solcost data bank cities (source: University of Alabama in Huntsville)	1980
19830083011	Solar Resource Library for State Energy Agencies, furnished through the State Solar Support Project	1980
19830083094	IIBIS: Integrated Blade Inspection System	1980
19830083098	Materials for cryogenic wind tunnel testing	1980
19830083146	Fatigue spectrum sensitivity study for advanced composite materials	1980
19830083234	A small Strouhal number analysis for acoustic wave-jet flow-pipe interaction, revised edition	1980
19830083408	KC-135 tail mounted floodlight	1980
19830083443	The A3E2 dual chamber rocket motor concept investigation. Volume 1, task 3: Parametric study data 131/2 inch motor	1980
19830083584	Manufacturing analysis of traveling wave tubes	1980
19830083697	Some British research on propeller noise characteristics under low-speed wind-tunnel and aircraft flight conditions	1980
19830083759	Technology demonstration of All-Weather Tactical Strike System (AWTSS). Volume 3, appendix A: Radar Antenna Gimbal Unit (RAGU)	1980
19830084166	Guide to computer techniques for calculating exhaust plume properties at the Naval Weapons Center	1980
19830084211	Single-channel ground and airborne radio subsystem, VHF/FM (SINCGARS-V) fast frequency hopping	1980
19830084326	The effects of alert prioritization and inhibit logic on pilot performance	1980
19830084414	Mixed temperature mode burner rig test	1980
19830084485	Design, fabrication and testing of boron/aluminum frusta	1980
19830084544	Robotic system for aerospace batch manufacturing, volume 6	1980
19830084545	Robotic system for aerospace batch manufacturing, volume 7	1980
19830084546	Robotic system for aerospace batch manufacturing, volume 8	1980
19830084547	Robotic system for aerospace batch manufacturing, volume 9	1980
19830084573	Single-channel ground and airborne radio subsystem, VHF/FM (SINCGARS-V) fast frequency hopping	1980
19830084576	Single-channel ground and airborne radio subsystem-VHF/FM (SINCGARS-V) fast frequency hopping	1980
19830084577	Single-channel ground and airborne radio subsystem-VHF/FM (SINCGARS-V) fast frequency hopping	1980
19830084595	Electric generation expansion analysis system: RPI 1529	1980
19830084946	A3E2 dual chamber rocket motor concept investigation. Volume 2. Task 3. Parametric study data 8 and 5 inch motors	1980
19830085007	Description of terrain masking prediction software	1980
19830085339	Linear-FM system for high-resolution radar backscatter measurements (Airtask A6306301-054D-0W0613000)	1980
19830085342	Thin film field emission cathode manufacturing methods and technology	1980
19830085430	An annotated bibliography of human performance in an obscured environment	1980
19840013759	Physical processes in fluids	1980
19840067098	Scale-up thermomechanical processing of MA 6000E	1980
19840067295	Electric vehicle models for the Hewlett-Packard HP 67/97 programmable calculators, volume 1	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840067917	Materials experiment carrier concepts definition study: Volume 4: Materials experiment carrier interface requirements	1980
19840067918	Materials experiment carrier concepts definition study: Volume 5: Materials experiment carrier systems requirements	1980
19840069220	Energy efficient engine component development and integration program	1980
19840069492	A fault-tolerant scheduling problem	1980
19840069617	NASA/RECON system user's manual, complete version, revision 3	1980
19840069625	Automotive Stirling engine development program	1980
19840069628	Binary systems and composite sources involving cool and hot components	1980
19840069793	Crustal dynamics project development	1980
19840070149	The nature and subsurface character of lineaments in Pennsylvania	1980
19840070150	Section II. Gravity and Magnetic Studies of the Everett and Mason-Dixon Lineaments in Southcentral Pennsylvania	1980
19840070151	Section III. The Relationship of Geophysical and Remote Sensing Lineaments to Regional Structure and Kimberlite Intrusions in the Appalachian Plateau of Pennsylvania	1980
19840070152	Section IV. A Ground-Based Study of the Everett-Bedford Lineament of Pennsylvania	1980
19840070153	Section V. Implications of Regional Gravity and Magnetic Data for Structure Beneath Western Pennsylvania	1980
19840070464	Research and technology, Fiscal Year 1980	1980
19840070562	SO2 emission rates at Mount Saint Helens from March 29 through December 1980	1980
19840070622	Remote sensing of water frost and ice on planetary surfaces using near-infrared spectrophotometric techniques	1980
19840071021	JPL highlights, 1980	1980
19840071022	Voyager Saturn encounter	1980
19840071023	Saturn's magnetic field	1980
19840071024	Saturn's rotation rate	1980
19840071025	Vertical structure of Saturn's equatorial ionosphere and middle neutral atmosphere	1980
19840071026	Jupiter's newly discovered satellites	1980
19840071027	Jupiter's red spot dynamics	1980
19840071028	Jupiter's atmosphere analyzed via Voyager radio occultation	1980
19840071029	Discovery of X-ray emissions from Jupiter	1980
19840071030	Mapping SO2 frost and sulfur on Io's surface	1980
19840071031	Viking project	1980
19840071032	Structures and variations of the atmosphere on Venus	1980
19840071033	Terminator and nightside ionosphere of Venus	1980
19840071034	Solar wind latitude variations	1980
19840071035	Solar irradiance studies on the solar maximum mission	1980
19840071036	High-resolution gamma ray spectroscopy experiment on HEAO 3	1980
19840071037	New frequency standard test facility	1980
19840071038	Improved hydrogen maser performance	1980
19840071039	Distribution of standard frequency signals by microwave	1980
19840071040	Radio source catalogs	1980
19840071041	Coal pump development	1980
19840071042	Supercritical fluid extraction of coal	1980
19840071043	Solar thermal power conversion	1980
19840071044	Solar image intensity radiometer	1980
19840071045	Cold water cavity calorimeter	1980
19840071046	Extremely low energy electron studies of gases used as high-voltage insulators	1980
19840071047	Electric power systems simulator	1980
19840071048	Stirling laboratory research engines	1980
19840071049	Seasat data utilization: Scanning multichannel microwave radiometer	1980
19840071050	Ocean currents measured by Seasat radar	1980
19840071051	Ocean wave patterns under hurricanes	1980
19840071052	Project ARIES (Astronomical Radio Interferometric Earth Surveying)	1980
19840071053	Combining Seasat radar and LANDSAT multispectral images	1980
19840071054	Dynamic balancing in a vacuum	1980
19840071055	Spacecraft contamination investigations	1980
19840071056	X-ray photoelectron spectroscopy interface studies	1980
19840071057	Charge coupled imaging device test facility	1980
19840071058	Development of an ultraviolet excimer laser for atmospheric sensing	1980
19840071059	Advanced MPD thruster research	1980
19840071060	Nickel-cadmium battery research	1980
19840071061	Coated oxidizers for stability in space propulsion rockets	1980
19840071062	Fluorine-hydrazine propulsion system	1980
19840071063	Aerosol particle analysis by mass spectrometry	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840071064	Ocean bottom exploration system	1980
19840071065	The hand-held ratioing radiometer	1980
19840071066	Low-energy ion collision studies	1980
19840071067	Studies of atmospheric photochemistry and kinetics	1980
19840071452	Space Construction Automated Fabrication Experiment Definition Study (SCAFEDS), part 4. Volume 1: Executive summary	1980
19840071520	Sea surface topography from Seasat and GEOS-3	1980
19840071525	Nimbus G: Nimbus Observation Processing System (NOPS), tape specification T744041, CZCS CRT tape	1980
19840071586	Prokaryote evolution and the symbiotic origin of eukaryotes	1980
19840071595	Early biological evolution derived from chemical structures	1980
19840071779	Space Shuttle functional simulator. Volume 3: Ascent environment	1980
19840071814	Advanced automation for space missions. A report on the 1980 NASA/ASEE summer study on the feasibility of using machine intelligence in space applications	1980
19840071866	Cogeneration Technology Alternatives Study (CTAS) topical report. Time varying results for selected industrial applications	1980
19840072088	Hands-on introduction to orser digital analysis of LANDSAT data	1980
19840072596	Dynamic testing of large space systems	1980
19840072662	Amodified T-value method for selection of strain gages for measuring loads	1980
19840072911	Cost estimating relationships for airframes in the development and production phases	1980
19840073085	The LSI-11 based skin temperature measurement system	1980
19840073468	Advanced helicopter rotor systems second Navy evaluation of the XH-59A Advancing Blade Concept (ABC) demonstrator aircraft	1980
19840073996	Internal and external ballistics of missiles with special considerations of jet-plume interference effects during launch and free flight phases	1980
19840074140	Millimeter wave seeker (U)	1980
19840074546	Integrated Inertial Sensor Assembly (IISA)	1980
19840074556	Joint Technology Demonstrator Engine (JTDE), volume 1 (U)	1980
19840074672	Improved Packet Radio (IPR) users' guide	1980
19840074831	Multiple Launch Rocket System (MLRS) Cost and Training Effectiveness Analysis (CTEA) preliminary (Phase II) report	1980
19840075039	Elastomeric material compatibility with Navy fuels	1980
19840075306	Lance storage data analysis	1980
19840075589	Exposure testing and evaluation of solar-utilization materials	1980
19840075590	Handbook of materials for solar-energy utilization: Low-temperature applications	1980
19840075985	Analysis of meteor burst communications for Navy strategic applications	1980
19840076362	High temperature structures research investigation. Volume 2, Task 4: Preliminary design (U)	1980
19840076364	High temperature structures research investigation. Volume 3: Phases 2 and 3 full scale carbon-carbon combustor design, fabrication and testing (U)	1980
19840076365	High temperature structures research investigation. Volume 1: Tasks 1-3 3D woven carbon-carbon combustor design and subscale testing (U)	1980
19840076485	High temperature electronics technology	1980
19840076644	Microwave radiometric measurements for an attitude reference system design	1980
19840076902	Evaluation of opening characteristics A.I.M. (Automatic Inflation Modulation) parachute	1980
19840076926	Technical feasibility test of ice phobic coating for rain erosion in simulated flight conditions	1980
19840076939	General test Plan/Procedures for the A-7E system level EMP test program	1980
19840077230	AN/PPS-15B(V)1 surveillance radar	1980
19840077650	Anomalies in 3D cylindrical carbon-carbon composites	1980
19840077824	Airborne laser laboratory cycle 3/Phase 3 test report	1980
19840077957	Technical feasibility test of ice phobic coatings in simulated icing flight conditions	1980
19840078581	Kalman filters, alpha-beta filters and other tracking algorithms: Their similarities and use	1980
19840078638	ARAPAHO phase II development plan	1980
19840078726	Programme of work to investigate foam core structures suitable for GW and RPV use	1980
19840079033	Sidewinder AIM-9L missile baseline data summary (U)	1980
19840079417	The prediction of the aerodynamic characteristics of long rod penetrators	1980
19840079459	A-7E component level test report	1980
19840079668	An experimental and theoretical investigation of inverse annular film flow and dispersed droplet flow, impotent under LOCA conditions	1980
19840080126	Technical Munitions Safety Study (TMSS). Safety study report of the Air Inflatable Retarderretarder (AIR) BSU-49/B and BSU-50/B	1980
19840080667	Photogrammetric results of the full-scale JCMPO (Joint Cruise Missile Program Office)/Boeing air launch cruise missile wings at Mach Numbers from 0.40 to 0.95	1980
19840080710	Dust erosion tests of a launch vehicle sidewall material in the AEDC hypervelocity track G	1980
19840080794	Functional deployment of the Mark 1A penetration aids canisters and dispensers, phase VIII	1980
19840080957	CH-47 modernization inventory and cost analysis model	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19840080963	A wind tunnel test to determine the aerodynamic loads on the F-14 and F-15 aircraft and on the Raytheon AMRAAM (Advanced Medium Range Air-to-Air Missile) in the carriage position	1980
19840080970	Separation characteristics of the raytheon AMRAAM (Advanced Medium Range Air-to-Air Missile) from the F-15 and F-16 aircraft	1980
19840081031	AFRPL particle impact erosion program testing in the AEDC (Arnold Engineering Development Center) Dust Erosion Tunnel	1980
19840081188	System study report for the development of advanced techniques for high frequency DC to DC converters	1980
19840081590	Simulated altitude test of a minuteman LGM-30G stage 3 Long Range Service Life Analysis (LRSLA) motor (S/N TC30106)	1980
19840081591	Summary of the aging and surveillance testing of three Minuteman LGM-30F stage II rocket motors at simulated altitude	1980
19840082139	Ablative radome development and design (U)	1980
19840082195	Terrain bounce technique. Volume 1: Phase 1 flight test report (U)	1980
19840082196	Terrain bounce technique. Volume 2: Phase 2 flight test report (U)	1980
19840082197	Terrain bounce technique. Volume 3: Data analysis report (U)	1980
19840082198	Terrain bounce technique. Volume 3: Data analysis report. Appendix A, August test run data (U)	1980
19840082450	Development testing of the AFRPL/Thiokol advanced space motor	1980
19840082712	System for measuring the electron temperature of plasma in an L-2 stellarator from Thomson scattering of the second harmonic of neodymium laser radiation	1980
19850068170	Research and technology	1980
19850068181	METPAK/navigation system: User's guide and study report	1980
19850068182	Computer program on aircraft performance	1980
19850068501	Applying psychology in outer space: Unfulfilled promises revisited	1980
19850068555	The thermal, tectonic and mineralogical evolution of small planetary objects. 1. Methodology and preliminary results for C2-type planetesimals	1980
19850068556	Reflectance spectra of some newly found, unusual meteorites and their bearing on surface mineralogy of asteroids	1980
19850068825	Thematic mapper command handbook	1980
19850068826	Thematic mapper telemetry handbook	1980
19850069208	Soyuz and Apollo	1980
19850069287	Single engine SSME pogo data for the 25th SSIP Meeting	1980
19850069633	Single engine SSME pogo data, quick look	1980
19850069634	Results of calculations from theoretical equations pertaining to pogo transfer functions	1980
19850070081	The potential market for magnetic cell sorters: A preliminary market study	1980
19850070085	A study of NASA technology transfer issues: A preliminary study of the feasibility and impacts of transition of services to the private sector	1980
19850070086	Policies in the recoupment of the cost of operating the satellite data distribution system	1980
19850070671	Environmental effects on the strength distributions of silicon carbide and silicon nitride	1980
19850070698	Geometric methods in computational fluid dynamics	1980
19850070890	An analytic approach to electron-molecule potentials using STOs	1980
19850070926	Fracture of metal-adhesive-composite and composite-adhesive-composite systems	1980
19850071081	Computer-generated formulas for overlap integrals of Slater-type orbitals	1980
19850071140	Hugoniot equation of state anorthite glass and lunar anorthosite	1980
19850071368	2000-Kilowatt Wind-Turbine Project	1980
19850071369	200-kilowatt wind turbine project	1980
19850071435	Application of solid-state array technology to an operational land-observing system	1980
19850071692	Upper Atmosphere Research Program: Research Summaries	1980
19850072165	STS Communications And Data Systems Integration (CADSI) end-to-end configuration book	1980
19850073194	Supersonic cruise vehicle exhaust system study	1980
19850073229	Supersonic Cruise Research Structural Panel Program	1980
19850073774	Static Force Tests of the Ad/raytheon AMRAAM (advanced Medium Range Air-to-air Missile) Configuration at Mach Numbers 2.25 to 5.5	1980
19850073813	Summary of the aging and surveillance testing of three Minuteman LGM-30G stage 3 rocket motors at simulated altitude	1980
19850073949	Microprocessor control of frequency changers and power distribution systems	1980
19850074968	Evaluation of SGEMP (System-generated electromagnetic pulse) simulation quality in the 30-meter design for the satellite X-ray test facility	1980
19850075276	Kinetics of glass corrosion in alkaline solutions	1980
19850075871	Fatigue spectrum sensitivity study for advanced composite materials. Volume 2. Compilation of experimental data. Part C. 4. Bolted joint static and fatigue test results standard size, 5. Large scale bonded and bolted joint static and fatigue test results	1980
19850075872	Fatigue spectrum sensitivity study for advanced composite materials. Volume 2. Compilation of experimental data. Part b. (3. Bonded joint static and fatigue test results; standard size)	1980
19850075873	Fatigue spectrum sensitivity study for advanced composite materials. Volume 2. Compilation of experimental data. Part D. (6. Moisture absorption/desorption data. 7. Test fixtures and set-ups)	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19850075874	Fatigue spectrum sensitivity study for advanced composite materials. Volume 3. Manufacturing and quality control data	1980
19850076044	Manufacturing techniques of large scale hybrid microelectronics	1980
19850076134	Amplitude-distance relationships for regional phases in shield regions	1980
19850077203	Missile/target relative geometry criteria for RF target models	1980
19850077823	Test and evaluation of peculiar GSE for T64-GE-413, -413A, and -415 turboshaft engines at the intermediate level of maintenance	1980
19850077824	Test and evaluation of the trailing wire antenna reeling machine (Prototype), P/N w104260	1980
19850077834	Test and evaluation (fit and function) of the F402 interim Engine Trim Test Set (ETTS), P/N 1280AS200-1	1980
19850077928	Improved manufacturing processes for Compliant Air Bearing (CAB) gyro	1980
19850078087	Test and evaluation of organizational level peculiar GSE for the F/A-18A aircraft	1980
19850078102	Test and evaluation of the SH-3H cable set assembly, P/N a2251	1980
19850078103	Test and evaluation of organizational and intermediate maintenance level GSE peculiar to the F-14A aircraft	1980
19850078119	Test and evaluation of the T64-GE-413/413A and 1415 turboshaft engine gage	1980
19850078318	Handling equipment testing for AN/DLQ-3B and AN/DPT-1 (AN/ALQ-167(V) and AN/AST-4(V)) pods	1980
19850078336	Flight evaluation of military P/N MS18071 solid state, DC voltage regulators	1980
19850078345	High-energy-density pulse-forming network and continued capacitor testing	1980
19850079609	Manufacturing Methods and Technology (MM and T) for HELLFIRE Laser Seeker (HLS)	1980
19850080701	Preclinical studies of the oxime, HI-6, an element of the treatment of soman poisoning. Appendix 1. Salmonella mutagenicity tests	1980
19860065948	A summary of major NASA launches, January 1, 1980 - December 31, 1984	1980
19860066085	The effects of various Blackjack rule changes	1980
19860066307	Comparative study of waste-water lagoon with and without water hyacinth	1980
19860066319	A preliminary study of the market for microcomputers in single family dwellings through the 1990's	1980
19860066320	A preliminary study of the computerized data base information search industry	1980
19860066393	Surface-tension gradient induced flows at reduced gravity	1980
19860066414	Higher plants for recycling human waste into food, potable water and revitalized air in a closed life support system	1980
19860066691	Effect of surface texture by ion beam sputtering on implant biocompatibility and soft tissue attachment	1980
19860066741	Track Train Dynamics Analysis and Test Program: Analytical methods for freight car/truck dynamic problems	1980
19860066870	Vascular plants for water pollution control and renewable sources of energy	1980
19860067293	Analysis of results obtained from computer-implemented land cover classifications produced from single season and multitemporal LANDSAT MSS data	1980
19860067294	The use of LANDSAT MSS data for detecting land cover changes	1980
19860067295	Computer implemented land cover classification using LANDSAT MSS digital data: A cooperative research project between the National Park Service and NASA. 1: Geologic and vegetation analysis of Death Valley National Monument	1980
19860067296	Western energy related overhead monitoring project, phase 3	1980
19860067334	A study of optimum radiometer parameters for soil moisture monitoring	1980
19860067528	Role-determination and optimal guidance maneuvers in the one-on-one helicopter combat problem	1980
19860067615	Target and Orbit Selection System (TOSS) system description and user's guide	1980
19860067868	Conceptual design of radiometers proposed for cometary probe mission	1980
19860068409	Solid-propellant rocket motor internal ballistics performance variation analysis (phase five)	1980
19860068590	Utility tactical transport aircraft system synthetic flight training system. BLACK HAWK device 2B38. Test procedures and results report. Volume 1. Part 2. OFT	1980
19860068591	Utility tactical transport aircraft system synthetic flight training system. BLACK HAWK device 2B38. Test procedures and results report. Volume 2. Visual	1980
19860068592	Utility tactical transport aircraft system synthetic flight training system. BLACK HAWK device 2B38. Test procedures and results report. Appendices	1980
19860068593	Utility tactical transport aircraft system synthetic flight training system. UTTAS-18, BLACK HAWK device 2B38. Trainer math model report. Volume 2. Book 2. OFT	1980
19860068739	Development test and evaluation of troposcatter radio AN/TRC-170. Classified annex (U)	1980
19860068938	Utility tactical transport aircraft system synthetic flight training system. BLACK HAWK. Device 2B38. Test procedures and results report. Volume 1. Part 1. OFT	1980
19860068939	Utility tactical transport aircraft system synthetic flight training system. BLACK HAWK device 2B38. Trainer math model report. Volume 1. Visual	1980
19860068940	Utility tactical transport aircraft system synthetic flight training system. UTTAS-18, BLACK HAWK device 2B38. Trainer math model report. Volume 2. Book 1. OFT	1980
19860069280	Surface acoustic wave convolver	1980
19860069587	Fatigue spectrum sensitivity study for advanced composite materials. Volume 2. Compilation of experimental data. Part A. (1. Introduction. 2. Design verification testing)	1980
19860070871	An improved prolog implementation which optimises tail recursion	1980
19860071712	Science requirements definition study for electromagnetic containerless processing module	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19860072373	Flight evaluation of LORAS model 1000 omnidirectional air data system on a CH-46E helicopter	1980
19860072721	Critical comments on the gatekeeper concept in science and technology	1980
19860073557	Auditory warnings on civil aircraft: The learning and retention of warnings	1980
19860073584	Infrared augmentation characteristics of propellant candidates for the AED (Active Electric Decoy) propulsion subsystem	1980
19860073628	Feasibility of aircrew performance measurement standardization for research	1980
19860074464	High-speed inspection of flux-core wire	1980
19860074770	Frequency of occurrence of atmospheric turbulence conditions affecting USMC Modular Universal Laser Equipment (MULE)	1980
19870067151	Study of power management technology for orbital multi 100 KWe applications. Volume 1: Executive summary	1980
19870067530	Airborne instrumentation research project. Summary catalog: Flights 80-005 through 80-159	1980
19870069356	Advanced brake control system, volume 1	1980
19870070474	Force and moment data test of a 1/9-scale F-16A model with AMRAAM missiles and other stores at Mach numbers 1.6, 1.8 and 2.0	1980
19870070736	Force and moment data tests of a 1/9-scale F-16A model with AMRAAM (Advanced Medium Range Air-to-Air Missile) missiles and other stores at mach numbers from 0.60 to 1.50	1980
19870070778	Fatigue spectrum sensitivity study for advanced composite materials. Volume 1: Technical summary	1980
19870070903	Heat transfer and pressure tests of the Raytheon Advanced Medium Range Air-to-Air Missile (AMRAAM) at Mach numbers 1.5 to 5.0	1980
19870070905	Advanced brake control system. Volume 2: Easy/ABCS dynamic analysis user's manual	1980
19870071133	Forward Swept Wing (FSW) phase 2 concept validation effort. Volume 3: Aerodynamic development	1980
19870071245	P3 re-engine options study	1980
19880069206	Gravity anomalies in the Blue Mountains, eastern Jamaica	1980
19880069209	Scientific analysis software on the NASA-ERL computer systems	1980
19880070615	Separation characteristics of the Raytheon AMRAAM from the F-14 aircraft (U)	1980
19880071128	Study for swept-forward wings for military aircraft (U)	1980
19880071429	Wind tunnel test of a 0.4618-scale Raytheon advanced tactical active radar missile system at transonic Mach numbers (U)	1980
19880072180	A regression analysis procedure for verification of digitizer system accuracy specifications	1980
19880072189	The Mt. Emmons, Colorado geology study site: Acquisition and computer processing of airborne thematic mapper simulator data for a mountainous, partially vegetated area	1980
19880072606	Structural design loads data book. Volume 7: Orbiter internal loads	1980
19880072607	Structural design loads data book. Volume 9: Orbiter thermal protection system loads	1980
19880074072	Forward Swept Wing. Proposal for demonstration of FSW design and producibility. Volume 5: Technology development plan	1980
19880074117	Photovoltaic system criteria documents. Volume 6: Criteria for auditing photovoltaic system applications and experiments	1980
19890067688	Onboard orbit determination with Tracking and Data Relay Satellite System (TDRSS) data. Volume 1: Extended Kalman filter evaluation	1980
19890067689	Automated Orbit Determination System (AODS) requirements definition and analysis	1980
19890067894	Remote measurements of soil moisture by microwave radiometers at BARC test site	1980
19890068342	Scientific and technical information output of the Langley Research Center for calendar year 1979	1980
19890068930	Technological innovation in the design and development of the space transportation system	1980
19890068932	Onboard orbit determination with Tracking and Data Relay Satellite System (TDRSS) data. Volume 2: Sliding Batch Differential Corrector (SBDC) evaluation	1980
19890068945	A comparison of laboratory experiments with a model equation for water waves	1980
19890068946	A numerical method for computing the shape of a vertical slender jet	1980
19890068999	Interior regularity estimates for elliptic systems of difference equations	1980
19890069005	An analysis of mixed finite element approximations for periodic acoustic wave propagation	1980
19890069008	CI superposition error caused by bond functions	1980
19890069046	Atmospheric Cloud Physics Laboratory (ACPL) simulation system: User's guide	1980
19890069152	Capabilities for high level languages	1980
19890069154	On improving the 2-4 two dimensional leap-frog scheme	1980
19890070025	ICAM Robotics Application Guide (RAG)	1980
19890071236	A comparison of image restoration methods	1980
19890072638	Defects in Carbon-Carbon Composites: RNTS Specialist Session	1980
19890072646	Chemical propulsion technology reviews	1980
19900066090	Spectral calculations of one-dimensional inviscid compressible flows	1980
19900066091	On the normal stress effects of incompressible non-Newtonian fluids	1980
19900066144	Atmospheric Cloud Physics Laboratory (ACPL) simulation system mathematical description	1980
19900066150	SAGA: A system to automate the management of software production	1980
19900066151	A trust region algorithm for unconstrained minimization: Convergence properties and implementation	1980
19900066188	Singlet-triplet separation in CBr ₂	1980
19900066219	On the convergence properties of the density matrix directed general second-order MCSCF algorithm	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19900066238	Space telescope momentum management procedures	1980
19900066347	A low-energy passage for C(+) + H ₂ + CH(+)(1 sigma(+)) + H	1980
19900066377	MCSCF for excited states	1980
19900066385	Accurate AB initio calculations for the 1B1 - 1A1 separation in methylene	1980
19900066425	Environmental resources document for Wallops Flight Center	1980
19900066454	Technology study for advanced supersonic cruise vehicles: Midterm oral review	1980
19900066525	The importance of computers in aerospace technology	1980
19900066818	Research and technology accomplishments	1980
19900066889	Evolution of the barrier: Islands of southern Long Island, New York	1980
19900067371	Space Transportation System Public Affairs Plan: First Space Shuttle Mission STS-1	1980
19900067435	Workshop on Numerical Techniques for Partial Differential Equations. Volume 2: Poster papers	1980
19900068696	Technology study for advanced supersonic cruise vehicles	1980
19900069037	AN/TPN-28 Dual Band Beacon Special Project: Project plan	1980
19900069038	RF-4C Automatic Target Detection and Reporting (ATDR) system utilizing a Moving Target Indicator (MTI) processor on the AN/APQ-99 Forward Looking Radar (FLR): Project plan	1980
19900069129	MXU-683/P parachute harness and riser release (AO 183) FOT and E (Follow-on Operation Test and Evaluation): Project plan	1980
19900069151	Special test of the alternate slant range solution for F-4D/E aircraft	1980
19900069353	HGU-48/P lightweight helmet (A0260) IOT and E (Initial Operational Test and Evaluation): Project plan	1980
19900069596	Alternate slant range solution for F-4D/E aircraft	1980
19900069602	RF-4C AN/ARN-101 digital avionics FOT and E (Follow-On Test and Evaluation): Project plan	1980
19900069670	AN/PPS-15B(V)1 surveillance radar: Project plan	1980
19900069714	Advanced structures development for superconducting magnets	1980
19900071269	DARPA Workshop on High Energy Pumpable Propellants (HIPP)	1980
19900071524	Supersonic cruise research structural panel program	1980
19900071527	The dynamic vibration absorber	1980
19900071555	Surface acoustic readout of IR detector mosaics	1980
19900071797	The express-net: A local area communication network integrating voice and data	1980
19910073122	An Indian monsoon simulation using an atmospheric general circulation model with an interactive ocean: Effects of sea surface temperature anomalies	1980
19910073338	Present state of knowledge of the upper atmosphere: An assessment report	1980
19910073501	Sodium intake and renal responses to captopril in normal man and in essential hypertension	1980
19910073562	Minority profiles	1980
19910073622	Coordinate generation with precise controls over mesh properties	1980
19910073623	Coordinate generation with precise controls	1980
19910073633	Finite analytic numerical solution of convective heat transfer in axisymmetric energy system	1980
19910073719	Transonic flow field analysis for aircraft with nacelles, pylons, and winglets: Preliminary computer code user's guide	1980
19910073821	Origin of plasmas in the Earth's neighborhood	1980
19910073847	Conceptual design of an orbital propellant transfer experiment. Volume 1: Executive summary	1980
19910073868	The finite analytic method: Applications of analytical solution techniques to the numerical solutions of ordinary and partial differential equations	1980
19910073869	Development of the finite analytic method and its application to two-dimensional Navier-Stokes equation, part 1	1980
19910073870	The finite analytic solution for linear partial and nonlinear ordinary differential equations, part 2	1980
19910074011	Fact book: Space Shuttle solid rocket booster	1980
19910074194	An evaluation of the geomagnetic activity effect in the GTDS Jacchia-Roberts atmospheric density model	1980
19910075512	TD and E for the RF-4C (U)	1980
19910075588	Performance measurements of CAP 5.3 protocol using experimental packet radios	1980
19910075589	Low cost PSAT study	1980
19910075791	MONSTR version 1.2 user's reference manual	1980
19910076398	Rain/radome effects on antenna sidelobe performance	1980
19910077361	Forward swept wing aeroelastic model divergence test program, post test data review	1980
19910077420	Orbiter vehicle 102 orbital flight test configuration failure mode effects analysis. Crew provisions and accommodations and crew escape subsystems	1980
19910077710	The 25 kW power system project requirements document	1980
19910077711	The 25 kW power system flight operations requirements document	1980
19910077793	Space operations center system analysis	1980
19910077852	Space operations center. Shuttle interaction study	1980
19910077862	Geostationary platform systems concepts definition study	1980
19910077865	Geostationary platform. Communications industry briefing	1980
19910077867	Satellite Power Systems (SPS) concept definition study. Volume 6: Cost and programatics appendix	1980
19910077869	The 25 kW power system ground operations requirements document	1980
19910077870	The 25 kW power system interface requirements document. The 25 kW power system-to-shuttle orbiter interface	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
19910077871	Power Extension Package (PEP). Briefing to the administrator	1980
19910077926	Space Operations Center. System analysis: First quarterly briefing	1980
19910077984	Satellite Power Systems (SPS) concept definition study (Exhibit D)	1980
19910077985	The 25 kW power system payload support requirements document	1980
19920075406	Energy efficient engine integrated core/low spool test vehicle	1980
19920075413	The economic impact of NASA research and development spending: An update	1980
19930072946	Secondary domestic wastewater treatment using a combination of duckweed and natural processes	1980
19940003891	Conceptual cost estimating using KSC cost index for construction management	1980
19940005093	Simulation study of nonaxisymmetric nozzle for air-combat maneuvering for an F-15 class airplane	1980
19940005130	Advancing computational aerodynamics through wind-tunnel experimentation	1980
19940005209	Nuts and bolts (practical applications of bolts and nuts for the designer)	1980
19940005223	A time-split difference scheme for the compressible Navier-Stokes equations with applications to flows in slotted nozzles	1980
19950002056	Principles of the Joined Wing	1980
19950002514	Investigation of compliant foil bearings for long-life liquid hydrogen pumps	1980
19950066239	Generalized correlation of nucleate boiling heat transfer for cryogenic fluids	1980
19960014586	Ultra high responsivity He-3-cooled bolometers	1980
19960016698	Temperature stabilized adiabatic demagnetization for space applications	1980
19960022023	Syntactic Foam Composites	1980
19960022026	Probabilistic Aspects of Strength Under Multiaxial Loading	1980
19960022028	Syntactic Foam Supports	1980
19960022029	On Modelling the Statistical Strength of Yarns and Cables Under Localized Load-Sharing Among Fibers	1980
19960022653	Probability Distributions for the Strength of Composite Materials. Part 2: A Convergent Sequence of Tight Bounds	1980
19960022660	Combining Rules for Predicting the Thermoelastic Properties of Particulate Filled Polymers, Polyblends, and Foams	1980
19960022665	Probability Distributions for the Strength of Composite Materials. Part 1: Two-Level Bounds	1980
19960022677	Failure Analyses of Composite Bolted Joints	1980
19960022680	Probability Distributions for the Strength of Composite Materials. Part 3: The Effect of Fiber Arrangement	1980
19960023489	Asymptotic Distributions for the Failure of Fibrous Materials Under Series-Parallel Structure and Equal Load-Sharing	1980
19960023671	Data Base Review and Assessment of Carbon Fiber Release into the Environment. Carbon Fiber Data Base	1980
19960023965	Effects of Surface Morphology and Chemical Composition on the Durability of Adhesively Bonded Aluminum Structures	1980
19960024307	Microstructure and Fracture of Fiber Reinforced Thermoplastic Polyethylene Terephthalate (Rynite trade name)	1980
19960026841	Residual-Strength Determination in Polymeric Materials	1980
19960027158	Improved Materials for Composites and Adhesives	1980
19960029283	Plastics Technology Advances: 1980 Update	1980
19960029284	Plastics Technology Advances: 1980 Update	1980
19980001189	Product Improvement Test, Phase 1 of Charge, Propelling, M86 (MOD)	1980
19990028221	Spanwise Lift Distribution on a Wing from Flowfield Velocity Surveys	1980
19990046610	One Dimensional Modelling of Failure in Laminated Plates by Delamination Buckling	1980
20010022693	Shuttle: Tethered Satellite System Definition Study (Phase-B Extension)	1980
20010123289	DF Mirror Test	1980
20020008552	Diagnostic Testing of the XM-1 Powerpack	1980
20020022771	Tactics Development and Evaluation IMC Beacon Airdrop	1980
20020042265	Model TA-7C Airplane Service Acceptance Trials Project BIS 21313	1980
20020050309	Service Acceptance Trials on Model OA-4M Airplane	1980
20020079802	Evaluation of F-15 Operational Analysis/Fault Isolation Procedures	1980
20020086524	F-4D/ALR-69	1980
20020089658	A-10/ALR-69 Qualification Operational Test and Evaluation	1980
20040010689	Flux-Profile Relationships for Development of Standards of Comparison	1980
20040015156	A Combined Intervention Analysis/Transfer Function Model for Describing the Relationship Between C-141 Flying Hours and Alert Availability	1980
20040016193	Maintenance Scheduling Research (T38 Scheduling in ATC)	1980
20040036673	Theater Distribution System. Volume 2: Appendices to Final Development Report	1980
20040059440	Concept Evaluation for CH-47C/D Self-Deployability to Europe	1980
20040075043	ERSAR Program Definition Working Group: Workshop Report	1980
20040076887	Flight Simulation Short Course	1980
20040076888	Software Management of a Complex Weapon System Simulator	1980
20040076889	Visual System Hardware Integration	1980
20040076890	Purposes of Flight Simulation	1980
20040076891	Pilot Cuing	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20040076892	Components of a Simulator	1980
20040076893	Perceptual Aspects	1980
20040076894	Simulator Systems Engineering: The Computer Allocations Process	1980
20040076895	Firmware: Tool or Technology?	1980
20040076896	Computer Systems	1980
20040076897	Software Acquisition Management	1980
20040076898	Software Development Introduction, Acquisition Requirements and Discipline	1980
20040076899	Computer Theory	1980
20040076900	Modeling the System	1980
20040076901	Simulation Programming Languages	1980
20040076902	Visual Simulation Overview	1980
20040076903	Visual Simulation Image Input Devices	1980
20040076904	Simulator Fidelity Evaluation: A General Methodology	1980
20040076905	Motion and Force Simulation Systems	1980
20040076906	G Seat, G Suit, and Shaker Simulation	1980
20040076907	Practical Aspects of the Software Integration of Visual Simulation Systems	1980
20040076908	High-G Simulation	1980
20040076909	Control Loading	1980
20040076910	Visual Computer Image Generation (CIG)	1980
20040076911	Visual Display Systems	1980
20050158357	Defense Mapping Agency Product Specifications for Jet Navigation Charts (Code: JNC), Scale 1:2,000,000. First Edition	1980
20050158373	Appendix 1 - Symbolization to the DMA Product Specifications for Jet Navigation Charts. First Edition	1980
20050201321	Defense Mapping Agency Product Specifications for 1:50,000 Scale Topographic Maps of Foreign Areas. First Edition	1980
20050229337	Satellite Business Systems (SBS-A) Launch on Delta	1980
20050229863	FLTSATCOM-C Launch	1980
20050229970	FLTSATCOM-C Post Launch Report Pro Forma Closeout	1980
20050229975	Prelaunch Summary: Geostationary Operation Environmental Satellite (GOES)-D Launch	1980
20050229990	Geostationary Operational Environmental Satellite (GOES-D) Mission Operation Report	1980
20050230167	Intelsat V-A (F-2) Launch	1980
20050230722	Intelsat V-A (F-2) Post Launch Report	1980
20050234591	Solar Maximum Mission (SMM) Launch	1980
20050236264	Voyager Program Voyager 1 Encounter at Saturn	1980
20050236531	NOAA-B Mission Operation Report	1980
20050240172	FLTSATCOM-D Post Launch Report Pro Forma Closeout	1980
20060021771	Aircraft Wireless Intercom System, Initial Operational Test and Evaluation (IOT&E)	1980
20060021791	Qualification Operational Test and Evaluation for the Class V Modification of the AN/TSW-7 Mobile Control Tower	1980
20070027062	Historical Summary, Report of Findings, and Recommendations for Providence Defense Area, NIKE Batteries	1980
20070028310	Identification of Waste Disposal Sites and Contaminant Related Vegetation Stress Through Aerial Color Infrared Photography Interpretation	1980
20080001096	A Study of One-Versus-Two-Seat Target Acquisition/Weapon Delivery	1980
20080002019	Follow-on Operational Test and Evaluation Chemical Warfare Defense Equipment (CWDE)	1980
20080018216	Qualification Operational Test and Evaluation (QOT&E) of the AN/GSH-46 Recorder/Reproducer	1980
20080019951	AGM-86 Air Launched Cruise Missile Mid-Air Retrieval Parachute System Test Program	1980
20080020259	Space Environmental Interactions with Biased Spacecraft Surfaces	1980
20080043570	Planetary Flight Handbook: Part 8 - Jupiter Swingby Missions to Saturn, Uranus, Neptune, and Pluto. Supplement: Tabular Trajectory Data	1980
20080047364	Magnetic Suspension and Balance Systems: A Selective, Annotated Bibliography	1980
20090010167	Chronology of KSC and KSC Related Events for 1978	1980
20090013072	Spectroscopy in Support of Atmospheric Measurements	1980
20090018009	Acronyms and Abbreviations Dictionary	1980
20090019963	Theses of Reports at the All-Union Conference (2nd) "Optics of Lasers" held in Leningrad, USSR, on 4-8 January 1980	1980
20100022528	Analysis of the Separation Phenomena Associated With the AMRAAM Missile at Angle of Attack	1980
20100027823	Recommended Method and Technique to Improve Flow Quality in AEDC 16T Wind Tunnel	1980
20100027824	Development Test of an Inertial Upper Stage (IUS) SRM-1 Rocket Motor DL-5 At Simulated Altitude	1980
20100027832	Aging and Surveillance Testing of a Minuteman LGM-30F Stage II Rocket Motor at Simulated Altitude (Motor S/N AA20104, Designation OP-54)	1980
20100027834	Oil Consumption Tests Of F107-WR-101 Turbofan Engines S/N's 336-8, 332-7, 337-10, 334-10 and 402-9	1980
20100027836	Analytical Considerations in the Design of Diffusers for Testing Turbine Engines With Nonaxisymmetric Exhaust Nozzles	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20100027838	An Analytical Treatment of a High-Altitude Plume Interaction Problem Associated With the MSP First-Stage Configuration	1980
20100028007	Digital Simulation of Real Gas Ramjet Performance	1980
20100028048	AGM-109 ALCM Engine Air Inlet Icing Test	1980
20100028049	Review of VKF Single Hot Wire Analysis	1980
20100028318	F100(3) Stall Recovery and Altitude Start Characteristics With Swirl TIP Fuel Nozzles	1980
20100031869	An Extension of the Analysis of Flow Fluctuation Measurements Over the Simulated Window of an Endoatmospheric Homing Interceptor Model	1980
20100038602	Aging and Surveillance Testing of a Minuteman LGM-30F Stage II Rocket Motor At Simulated Altitude (Motor S/N AA20048, Designation OP-50)	1980
20100038603	F107 Turbofan Engine/Inlet Steady-State Distortion Compatibility Evaluation	1980
20100038608	Aging and Surveillance Test of a Thiokol Minuteman LGM-30G Stage III Rocket Motor at Simulated Altitude (S/N TC30058 Designation TOP-11)	1980
20100040049	Postplot Software for the Target Strength Playback System	1980
20100040233	Interactive Graphic Software Development	1980
20100040828	Aging and Surveillance Testing of a Minuteman LGM-30F Stage II Rocket Motor at Simulated Altitude (Motor S/N AA20099, Designation OP-51)	1980
20100040829	Simulated Altitude Test of a Minuteman LGM-30G Stage III Long Range Service Life Analysis (LRSLA) Motor (S/N TC30106)	1980
20100040830	Results of an Investigation of a Proposed Fan Duct Pressure Measurement System for Application to the F100 Engine Diagnostic System (EDS)	1980
20100040849	Tape Output Software for the Target Strength Measurement System	1980
20100040880	Improvements In AEDC Radiation Instrumentation	1980
20100040908	Effect of Turbine Engine Operating Time on Emission Levels	1980
20100040929	An Investigation to Determine the Optimum Separation Characteristics of the MK-83 LDGP Bomb When Released From the Supersonic Programmable Ejector Rack (SPER) Mounted on the F-4E Aircraft	1980
20100040931	Qualification Tests at Simulated Altitude of the Thiokol AGM-69A SRAM LLMM Rocket Motor Preconditioned at 70 and -70 deg F	1980
20100040932	Flameholder Transient Operational Characteristics and Steady-State Performance of an F-100-PW-200 Turbofan Engine (S/N FX217-18)	1980
20100040945	Oil Consumption and Calibration of F107-WR-102 Turbofan Engine S/N 139-3	1980
20100040947	Investigation of the Stability Characteristics of an F107-WR-101 Turbofan Engine	1980
20100040953	Development Test of an Inertial Upper Stage (IUS) SRM-2 Rocket Motor DS-6 at Simulated Altitude	1980
20100040954	Aging And Surveillance Test Of A Thiokol Minuteman LGM-30G Stage III Rocket Motor At Simulated Altitude S/N TC30097 Designation TOP-12	1980
20100040955	Development Test of an Inertial Upper Stage (IUS) SRM-1 Rocket Motor (DL-4) at Simulated Altitude	1980
20100040956	Production Quality Assurance Testing of a Minuteman III LGM-30G Stage II Rocket Motor at Simulated Altitude (Motor PQA 6-91)	1980
20100040960	Performance, Mechanical Deflection and Aerodynamic Stability Tests of the Simplified Exhaust Nozzle for the F101-GE-100 Turbofan Engine (S/N 470020/4)	1980
20100040961	Development Test of an Inertial Upper Stage (IUS) SRM-1 Rocket Motor (DL-2) at Simulated Altitude	1980
20100040962	Altitude Performance of the Thiokol Corporation Titan II Retro and Vernier Solid Propellant Rocket Motors Having Ages of 132 to 204 Months	1980
20100040963	Continued Engineering Development (CED) Test, Phase V, of the F101-GE-100 Turbofan Engine (S/N 470020/4A (JP-4 and JP-5 Start Investigation)	1980
20100040965	Validity of the F100(3) Augmentor Flameholder Evaluation	1980
20100040968	Development Spin Test of an SD Inertial Upper Stage (IUS) SRM-2 Rocket Motor (DS-2) at Simulated Altitude	1980
20100040969	Fan Aeromechanical and Augmentor/Fan Stability Investigations of a Demonstrator GE F101 Derivative Fighter Engine	1980
20100040971	Production Quality Assurance Testing Of A Minuteman III LGM-30G Stage II Rocket Motor At Simulated Altitude (Motor PQA 6-90)	1980
20100040975	Preliminary Results of Simulated Altitudes Tests of the F101 DFE Engine (S/N 509005/1)	1980
20100041002	Summary of the Aerodynamics of the Advanced Ballistic Reentry Vehicle With Various Nosetips at Mach Number 10 With Comparisons to MACH Number 6 Data	1980
20100041213	Acquisition and Initial Application of a Computer Code for Computing the Inviscid Hypersonic Flow Over Ablated Nosetips	1980
20100041259	Initial Evaluation of a Technique to Reduce F107 Turbofan Engine Test Time	1980
20100041262	Arc Heater Development (FY80) in the AEDC HEAT Facility	1980
20100041267	Calculated Jettison Trajectories of the Hughes and Raytheon AMRAAM Missiles When Released from Weapon Station 7 of the F-15 Aircraft	1980
20100041268	The Study of the AEDC 16-FT Transonic and Supersonic Wind Tunnels Compressor Performance	1980
20110001195	A10/TF34 Engine Health Monitoring System (EHMS) Engine Gas Path Performance Algorithm Assessment	1980
20110001216	Longitudinal and Directional Stability of the AMaRV Under Selected Flight and Tunnel Conditions	1980
20110001238	Phase II Qualification Test, Mission Simulation Tests of the F107-WR-101 Turbofan Engine (S/N 402-4)	1980

Reports categorized as restricted/limited distribution/classified
from the NASA Technical Report database (NTRS backend), dated 1980 or older

Accession Number (DocID)	Title	Publication Year
20110001239	Phase II Qualification Test Malfunction of F107-WR-400 Turbofan Engine (S/N 828-4)	1980
20110001241	Phase II Qualification Test, Mission Simulation Tests of the F107-WR-102 Turbofan Engine (S/N 201-6)	1980
20110001330	AFWL Blast Probe Design Analysis	1980
20110001344	An Analysis to Determine the Amount of Wind Tunnel Grid Data Required to Provide Acceptable Trajectory Simulation Accuracies at Minimum Cost	1980
20110001345	VKF-CTS Staging Study	1980
20110014066	Calculation of Water Drop Trajectories to and about Arbitrary Three-Dimensional Bodies in Potential Airflow: Microfiche Supplement to NASA CR-3291	1980
20110020393	Prelaunch Summary: Geostationary Operational Environmental Satellite (GOES)-D Launch	1980
20110020396	Prelaunch Summary: NOAA-B Launch	1980
20150010631	Microbial Ecology of Extreme Environments: Antarctic Dry Valley Yeasts and Growth in Substrate-Limited Habitats	1980
20150010668	Microbial Ecology of Extreme Environments: Antarctic Dry Valley Yeasts and Growth in Substrate_Limited Habitats	1980
20150010821	Typical 90-Day Collection Scenario	1980
20150010883	Neurolab	1980
20150010886	An Alphabetical Author Index of the NASA Planetary Quarantine Program Related Documents	1980
20150015650	Space Shuttle System - Pyrotechnic Specification	1980
20150016592	Remote Detection of Gaseous Species in Plumes of Rockets and Spacecraft by Gas Correlation Spectroradiometry	1980
20160012609	Space Transportation System: Flight 1: Overview	1980
20160012628	Space Shuttle Program Response to Verification/Certification Assessment Special Staff Recommendations: Record of Joint Reviews with Special Staff Cognizant Engineers	1980
20160013476	Vandenberg STS Project Plan: DOD STS Ground Support Systems Integration	1980
20160013738	Power Extension Package (PEP): User's Handbook	1980